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Cover Page

Order ID : Q2267

Project ID : Con Ed Non MGP – Atlantic Ave 453957.600024.05

Client : PARSONS Engineering of New York, Inc.

Lab Sample Number	Client Sample Number
Q2267-01	WC-20250605

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

Signature : ________________________

Date: 6/16/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2267

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

QA Review Signature: PRADIP PRAJAPATI **Date:** 06/16/2025

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LAB CHRONICLE

OrderID:	Q2267	**OrderDate:**	6/6/2025 2:17:00 PM
Client:	PARSONS Engineering of New York, Inc.	**Project:**	Con Ed Non MGP – Atlantic Ave 453957.600024.05
Contact:	Stephen Liberatore	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2267-01	**WC-20250605**	**TCLP**			**06/05/25**			**06/06/25**
			TCLP BNA	8270E		06/11/25	06/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
PB168390TB	PB168390TB	2-Fluorophenol	150	151	101		23	138
		Phenol-d6	150	141	94		10	134
		Nitrobenzene-d5	100	92.9	93		67	132
		2-Fluorobiphenyl	100	88.9	89		52	132
		2,4,6-Tribromophenol	150	142	95		44	137
		Terphenyl-d14	100	87.9	88		42	152
PB168422BL	PB168422BL	2-Fluorophenol	150	156	104		23	138
		Phenol-d6	150	143	95		10	134
		Nitrobenzene-d5	100	94.3	94		67	132
		2-Fluorobiphenyl	100	96.0	96		52	132
		2,4,6-Tribromophenol	150	155	103		44	137
		Terphenyl-d14	100	93.3	93		42	152
PB168422BS	PB168422BS	2-Fluorophenol	150	135	90		23	138
		Phenol-d6	150	127	85		10	134
		Nitrobenzene-d5	100	81.9	82		67	132
		2-Fluorobiphenyl	100	78.8	79		52	132
		2,4,6-Tribromophenol	150	140	93		44	137
		Terphenyl-d14	100	79.8	80		42	152
Q2262-02MS	ARS20-0032MS	2-Fluorophenol	150	127	85		23	138
		Phenol-d6	150	111	74		10	134
		Nitrobenzene-d5	100	87.9	88		67	132
		2-Fluorobiphenyl	100	83.5	83		52	132
		2,4,6-Tribromophenol	150	147	98		44	137
		Terphenyl-d14	100	84.2	84		42	152
Q2262-02MSD	ARS20-0032MSD	2-Fluorophenol	150	126	84		23	138
		Phenol-d6	150	112	75		10	134
		Nitrobenzene-d5	100	88.0	88		67	132
		2-Fluorobiphenyl	100	84.2	84		52	132
		2,4,6-Tribromophenol	150	146	98		44	137
		Terphenyl-d14	100	88.5	88		42	152
Q2267-01	WC-20250605	2-Fluorophenol	150	141	94		23	138
		Phenol-d6	150	121	81		10	134
		Nitrobenzene-d5	100	94.7	95		67	132
		2-Fluorobiphenyl	100	91.8	92		52	132
		2,4,6-Tribromophenol	150	156	104		44	137
		Terphenyl-d14	100	68.5	68		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2262-02MS		**Client Sample ID: ARS20-0032MS**						**DataFile: BM050281.D**			
Pyridine	500	0	400	ug/L	80				10	109	
1,4-Dichlorobenzene	500	0	440	ug/L	88				55	125	
2-Methylphenol	500	0	460	ug/L	92				60	131	
3+4-Methylphenols	500	0	440	ug/L	88				54	136	
Hexachloroethane	500	0	460	ug/L	92				19	146	
Nitrobenzene	500	0	510	ug/L	102				62	112	
Hexachlorobutadiene	500	0	470	ug/L	94				52	125	
2,4,6-Trichlorophenol	500	0	510	ug/L	102				78	112	
2,4,5-Trichlorophenol	500	0	520	ug/L	104				71	111	
2,4-Dinitrotoluene	500	0	570	ug/L	114				74	137	
Hexachlorobenzene	500	0	520	ug/L	104				72	115	
Pentachlorophenol	1000	0	1100	ug/L	110				52	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2262-02MSD		**Client Sample ID: ARS20-0032MSD**						**DataFile: BM050282.D**			
Pyridine	500	0	380	ug/L	76		5		10	109	20
1,4-Dichlorobenzene	500	0	440	ug/L	88		0		55	125	20
2-Methylphenol	500	0	470	ug/L	94		2		60	131	20
3+4-Methylphenols	500	0	460	ug/L	92		4		54	136	20
Hexachloroethane	500	0	450	ug/L	90		2		19	146	20
Nitrobenzene	500	0	500	ug/L	100		2		62	112	20
Hexachlorobutadiene	500	0	490	ug/L	98		4		52	125	20
2,4,6-Trichlorophenol	500	0	530	ug/L	106		4		78	112	20
2,4,5-Trichlorophenol	500	0	530	ug/L	106		2		71	111	20
2,4-Dinitrotoluene	500	0	570	ug/L	114		0		74	137	20
Hexachlorobenzene	500	0	540	ug/L	108		4		72	115	20
Pentachlorophenol	1000	0	1100	ug/L	110		0		52	162	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E **DataFile:** BM050279.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168422BS	Pyridine	50	39.9	ug/L	80				29	97	
	1,4-Dichlorobenzene	50	42.9	ug/L	86				76	103	
	2-Methylphenol	50	44.1	ug/L	88				69	109	
	3+4-Methylphenols	50	43.8	ug/L	88				67	106	
	Hexachloroethane	50	44.9	ug/L	90				76	118	
	Nitrobenzene	50	46.8	ug/L	94				58	106	
	Hexachlorobutadiene	50	43.7	ug/L	87				69	101	
	2,4,6-Trichlorophenol	50	46.1	ug/L	92				61	110	
	2,4,5-Trichlorophenol	50	47.0	ug/L	94				70	106	
	2,4-Dinitrotoluene	50	51.7	ug/L	103				60	115	
	Hexachlorobenzene	50	47.0	ug/L	94				73	106	
	Pentachlorophenol	100	100	ug/L	100				47	114	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.
PB168422BL

Lab Name: CHEMTECH   Contract: PARS02

Lab Code: CHEM   Case No.: Q2267   SAS No.: Q2267   SDG NO.: Q2267

Lab File ID: BM050278.D   Lab Sample ID: PB168422BL

Instrument ID: BNA_M   Date Extracted: 06/11/2025

Matrix: (soil/water) water   Date Analyzed: 06/11/2025

Level: (low/med) LOW   Time Analyzed: 17:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168422BS	PB168422BS	BM050279.D	06/11/2025
ARS20-0032MS	Q2262-02MS	BM050281.D	06/11/2025
ARS20-0032MSD	Q2262-02MSD	BM050282.D	06/11/2025
WC-20250605	Q2267-01	BM050284.D	06/11/2025
PB168390TB	PB168390TB	BM050296.D	06/12/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH   Contract: PARS02

Lab Code: CHEM   SAS No.: Q2267   SDG NO.: Q2267

Lab File ID: BM050193.D   DFTPP Injection Date: 06/05/2025

Instrument ID: BNA_M   DFTPP Injection Time: 08:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.3
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.5
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	7
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.4
443	15.0 - 24.0% of mass 442	14.8 (19.9) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050194.D	06/05/2025	09:20
SSTDICC005	SSTDICC005	BM050195.D	06/05/2025	09:59
SSTDICC010	SSTDICC010	BM050196.D	06/05/2025	10:38
SSTDICC020	SSTDICC020	BM050197.D	06/05/2025	11:17
SSTDICCC040	SSTDICCC040	BM050198.D	06/05/2025	11:57
SSTDICC050	SSTDICC050	BM050199.D	06/05/2025	12:36
SSTDICC060	SSTDICC060	BM050200.D	06/05/2025	13:16
SSTDICC080	SSTDICC080	BM050201.D	06/05/2025	13:56

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5B
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2267 SDG NO.: Q2267

Lab File ID: BM050276.D DFTPP Injection Date: 06/11/2025

Instrument ID: BNA_M DFTPP Injection Time: 15:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.7
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	42.6
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	50.6
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
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.2
442	Greater than 50% of mass 198	70.8
443	15.0 - 24.0% of mass 442	13.7 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050277.D	06/11/2025	16:25
PB168422BL	PB168422BL	BM050278.D	06/11/2025	17:24
PB168422BS	PB168422BS	BM050279.D	06/11/2025	18:04
ARS20-0032MS	Q2262-02MS	BM050281.D	06/11/2025	19:23
ARS20-0032MSD	Q2262-02MSD	BM050282.D	06/11/2025	20:02
WC-20250605	Q2267-01	BM050284.D	06/11/2025	21:21

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5B
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH   Contract: PARS02

Lab Code: CHEM   SAS No.: Q2267   SDG NO.: Q2267

Lab File ID: BM050293.D   DFTPP Injection Date: 06/12/2025

Instrument ID: BNA_M   DFTPP Injection Time: 03:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.6
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	42.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	51.1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	76.4
443	15.0 - 24.0% of mass 442	14.8 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050294.D	06/12/2025	04:31
PB168390TB	PB168390TB	BM050296.D	06/12/2025	05:50

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BM050277.D Time Analyzed: 16:25

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	385793	7.763	1556760	10.55	888836	14.39
	UPPER LIMIT	771586	8.263	3113520	11.051	1777670	14.892
	LOWER LIMIT	192897	7.263	778380	10.051	444418	13.892
	EPA SAMPLE NO.						
01	PB168422BL	379949	7.76	1397820	10.55	753306	14.39
02	PB168422BS	367361	7.76	1426640	10.55	820279	14.40
03	ARS20-0032MS	381437	7.76	1477950	10.55	832888	14.40
04	ARS20-0032MSD	426249	7.76	1656090	10.55	962021	14.40
05	WC-20250605	342435	7.76	1297100	10.55	723910	14.39

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM   Case No.: Q2267   SAS No.: Q2267   SDG NO.: Q2267

EPA Sample No.: SSTDCCC040   Date Analyzed: 06/11/2025

Lab File ID: BM050277.D   Time Analyzed: 16:25

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1666660	17.133	1770270	21.362	1907720	24.338
	UPPER LIMIT	3333320	17.633	3540540	21.862	3815440	24.838
	LOWER LIMIT	833330	16.633	885135	20.862	953860	23.838
	EPA SAMPLE NO.						
01	PB168422BL	1427850	17.13	1514580	21.36	1590020	24.34
02	PB168422BS	1545820	17.13	1653110	21.36	1805250	24.34
03	ARS20-0032MS	1533180	17.13	1635520	21.36	1800700	24.34
04	ARS20-0032MSD	1732540	17.13	1631000	21.36	1766580	24.33
05	WC-20250605	1414150	17.13	1483950	21.36	828685 *	24.33

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/12/2025

Lab File ID: BM050294.D Time Analyzed: 04:31

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	421256	7.763	1719770	10.55	980072	14.39
	UPPER LIMIT	842512	8.263	3439540	11.051	1960140	14.892
	LOWER LIMIT	210628	7.263	859885	10.051	490036	13.892
	EPA SAMPLE NO.						
01	PB168390TB	380994	7.76	1407710	10.55	768840	14.39

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/12/2025

Lab File ID: BM050294.D Time Analyzed: 04:31

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1834300	17.133	2006120	21.362	2127250	24.327
	UPPER LIMIT	3668600	17.633	4012240	21.862	4254500	24.827
	LOWER LIMIT	917150	16.633	1003060	20.862	1063630	23.827
	EPA SAMPLE NO.						
01	PB168390TB	1429590	17.13	1457100	21.36	1555860	24.33

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.

Alliance
TECHNICAL GROUP

SAMPLE DATA

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.			Date Collected:	06/11/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05			Date Received:	06/11/25
Client Sample ID:	PB168390TB			SDG No.:	Q2267
Lab Sample ID:	PB168390TB			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :		Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050296.D	1	06/11/25 12:20	06/12/25 05:50	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	151		23 - 138	101%	SPK: 150
13127-88-3	Phenol-d6	141		10 - 134	94%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.9		67 - 132	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.9		52 - 132	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	87.9		42 - 152	88%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	381000	7.763			
1146-65-2	Naphthalene-d8	1410000	10.545			
15067-26-2	Acenaphthene-d10	769000	14.392			
1517-22-2	Phenanthrene-d10	1430000	17.127			
1719-03-5	Chrysene-d12	1460000	21.356			
1520-96-3	Perylene-d12	1560000	24.327			

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/11/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/11/25
Client Sample ID:	PB168390TB	SDG No.:	Q2267
Lab Sample ID:	PB168390TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050296.D	1	06/11/25 12:20	06/12/25 05:50	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BM050296.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050296.D
Acq On : 12 Jun 2025 05:50
Operator : RC/JU
Sample : PB168390TB
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168390TB

Quant Time: Jun 12 06:20:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	380994	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1407707	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	768840	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1429591	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1457104	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1555860	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3450835	151.091	ng	0.00
7) Phenol-d6	6.934	99	4229612	140.678	ng	0.00
23) Nitrobenzene-d5	8.910	82	2514037	92.882	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1241568	141.974	ng	0.00
45) 2-Fluorobiphenyl	13.021	172	5047189	88.876	ng	0.00
79) Terphenyl-d14	19.756	244	6760129	87.918	ng	-0.01

Target Compounds	Qvalue

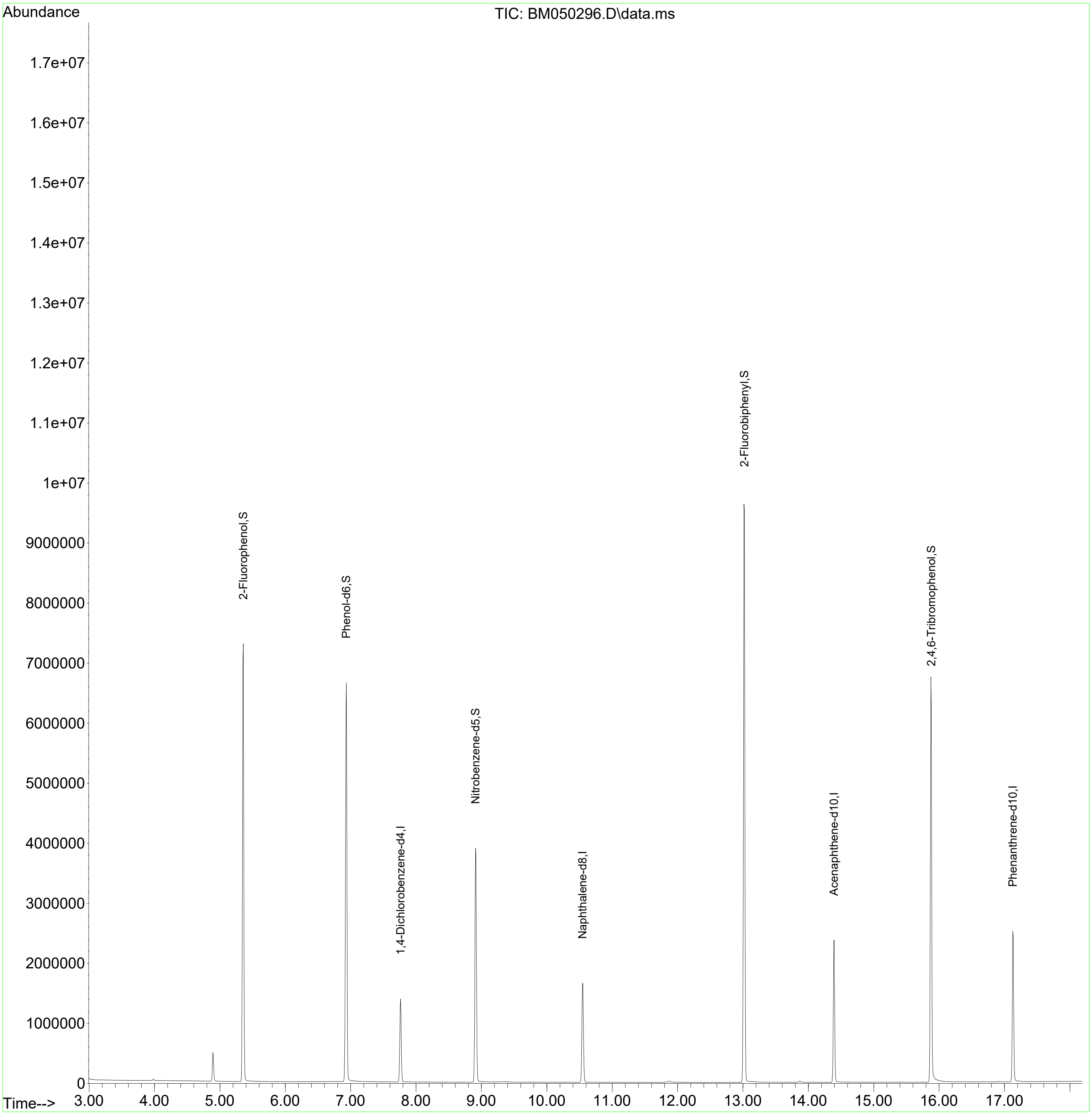
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **BM050296.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050296.D
Acq On : 12 Jun 2025 05:50
Operator : RC/JU
Sample : PB168390TB
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168390TB

Quant Time: Jun 12 06:20:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

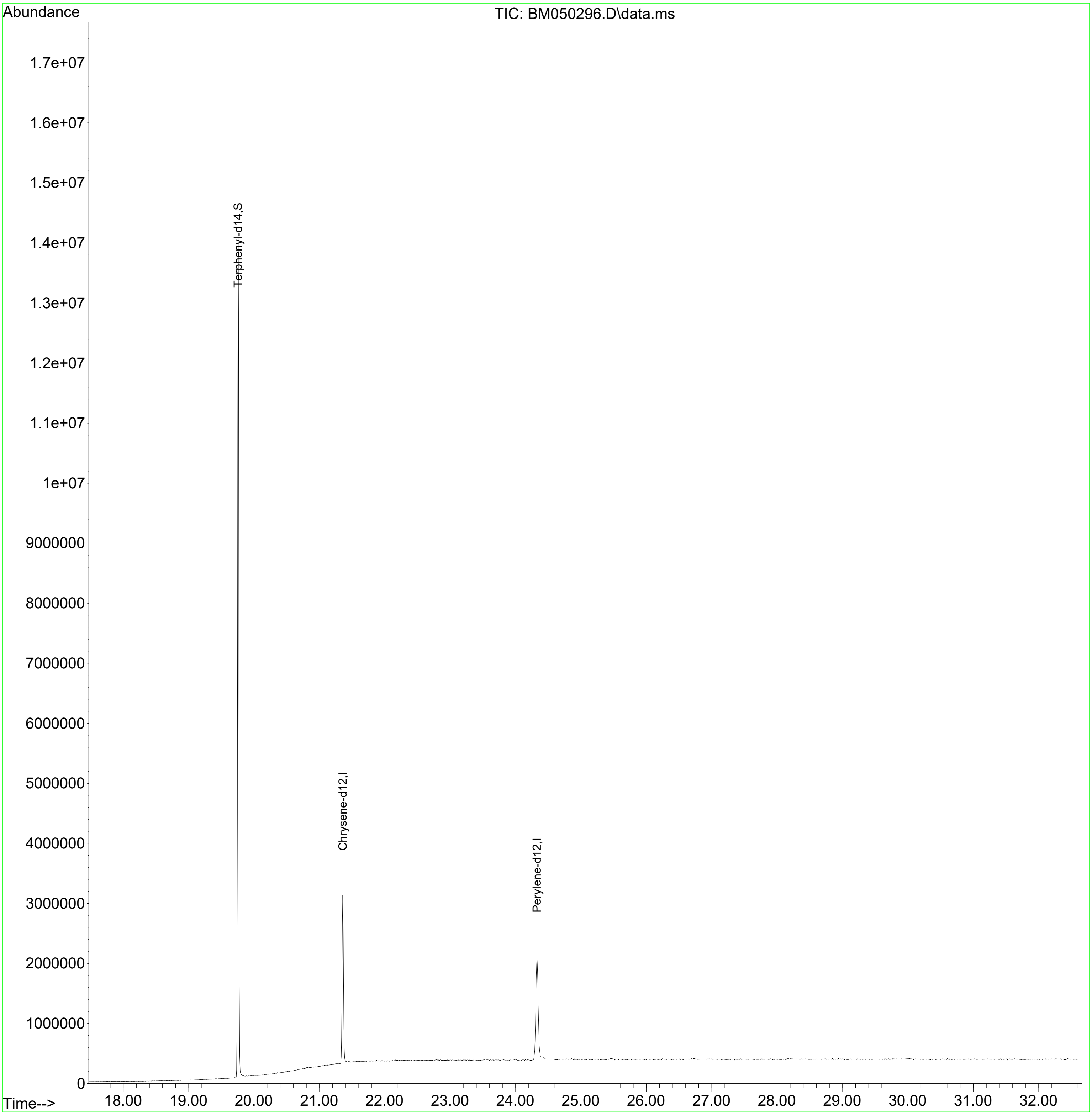


Sample Results: **BM050296.D**

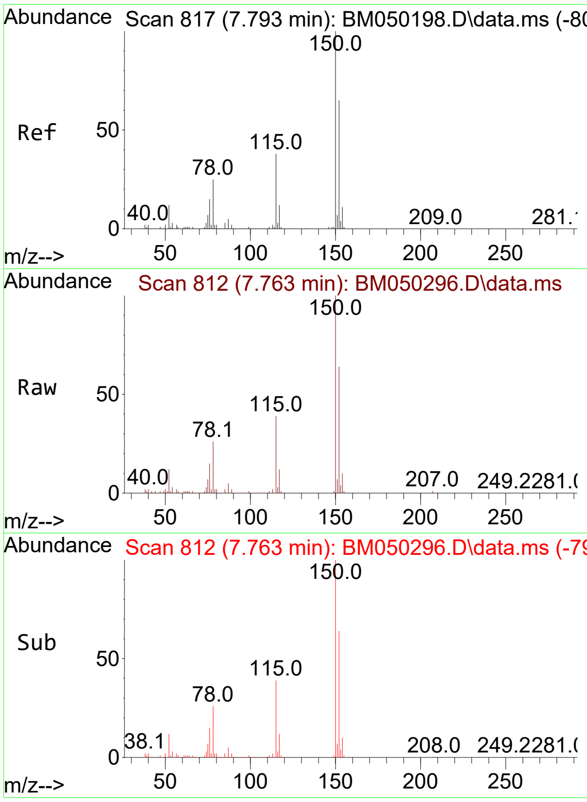
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050296.D
Acq On : 12 Jun 2025 05:50
Operator : RC/JU
Sample : PB168390TB
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168390TB

Quant Time: Jun 12 06:20:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

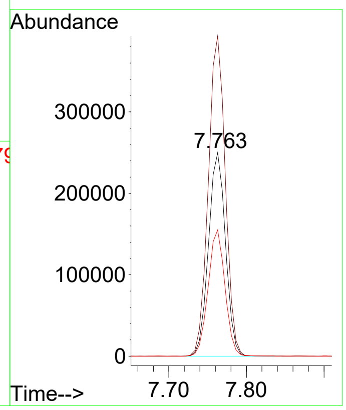


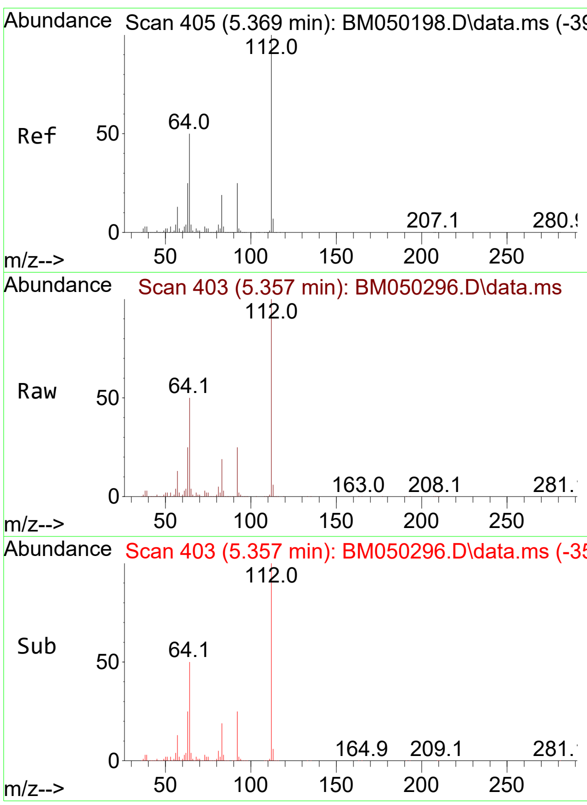
Instrument :
BNA_M
ClientSampleId :
PB168390TB



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min   Scan# 8
Delta R.T.   -0.006 min
Lab File: BM050296.D
Acq: 12 Jun 2025   05:50

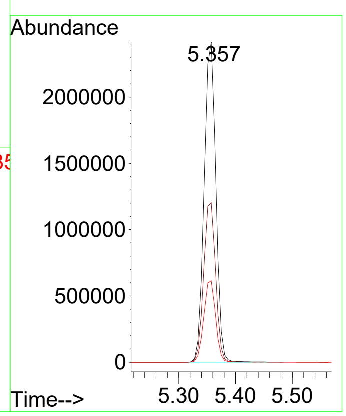
Tgt Ion:152 Resp: 380994
Ion   Ratio   Lower   Upper
152   100
150   157.3   122.2   183.4
115   62.1   46.3   69.5



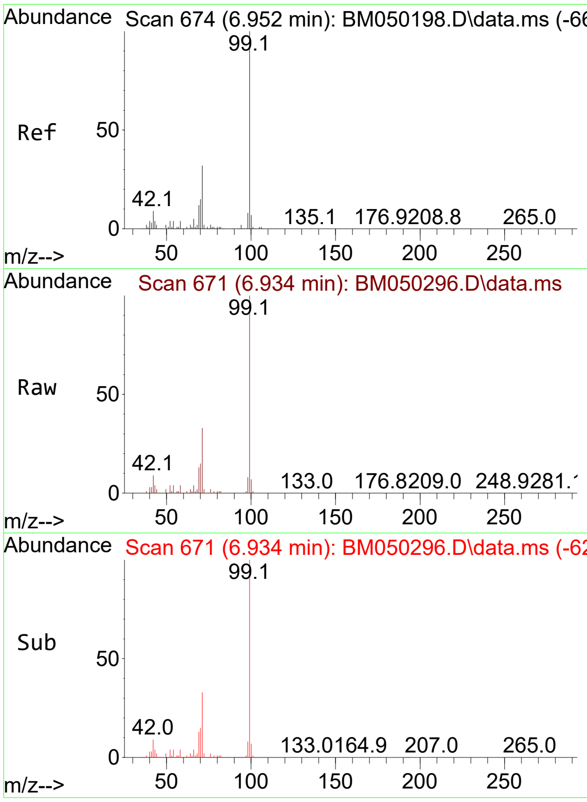


#5
2-Fluorophenol
Concen: 151.091 ng
RT: 5.357 min   Scan# 403
Delta R.T.   -0.000 min
Lab File: BM050296.D
Acq: 12 Jun 2025   05:50

Tgt Ion:112 Resp: 3450835
Ion   Ratio   Lower   Upper
112   100
64   49.9   39.8   59.6
63   25.4   19.8   29.8



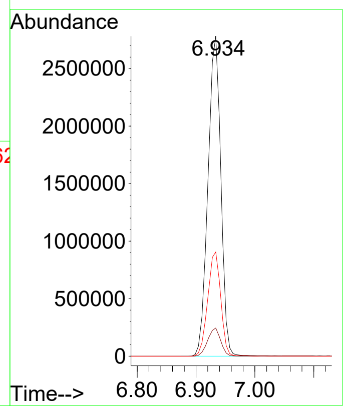
Instrument :
BNA_M
ClientSampleId :
PB168390TB

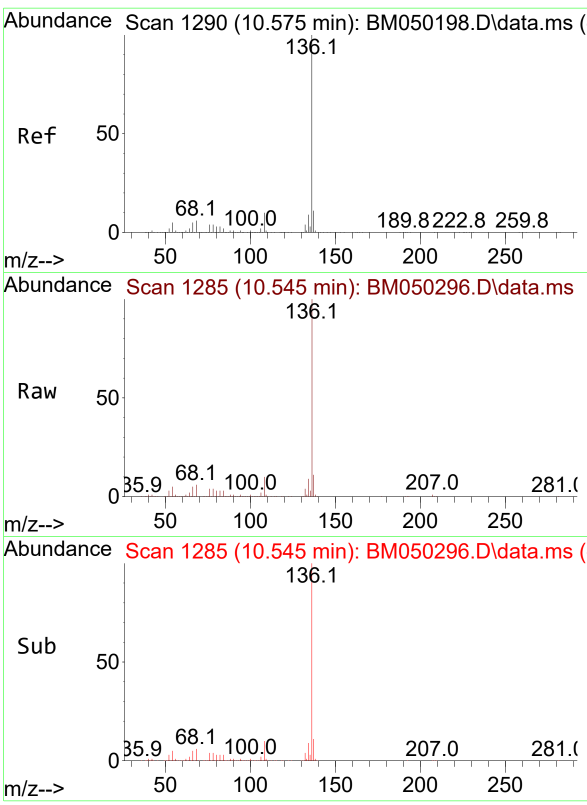


#7
Phenol-d6
Concen: 140.678 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

Tgt Ion: 99 Resp: 4229612

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	32.6	25.3	37.9

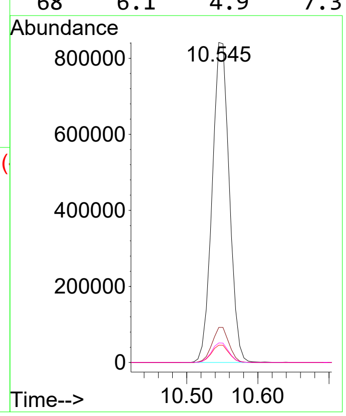




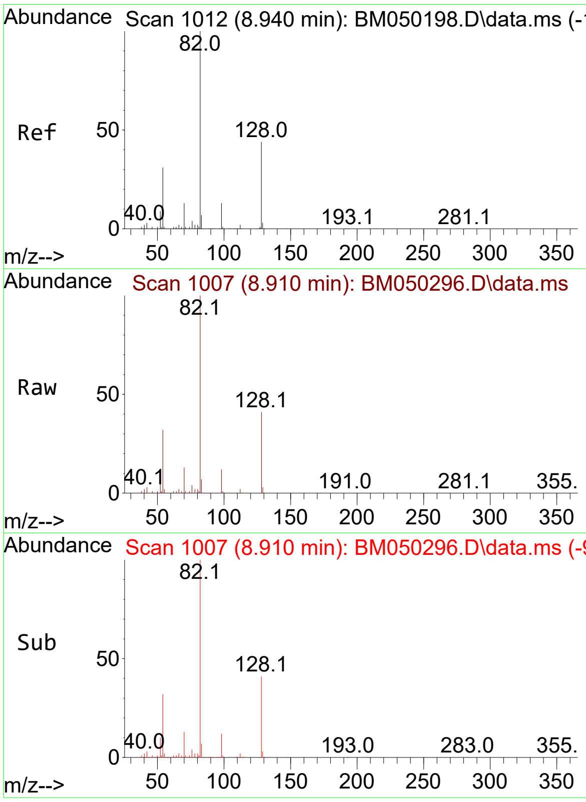
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

Tgt Ion:136 Resp: 1407707

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.4	3.8	5.8
68	6.1	4.9	7.3



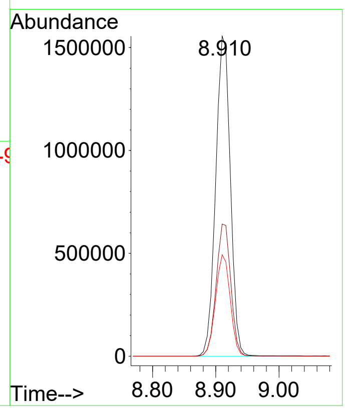
Instrument :
BNA_M
ClientSampleId :
PB168390TB

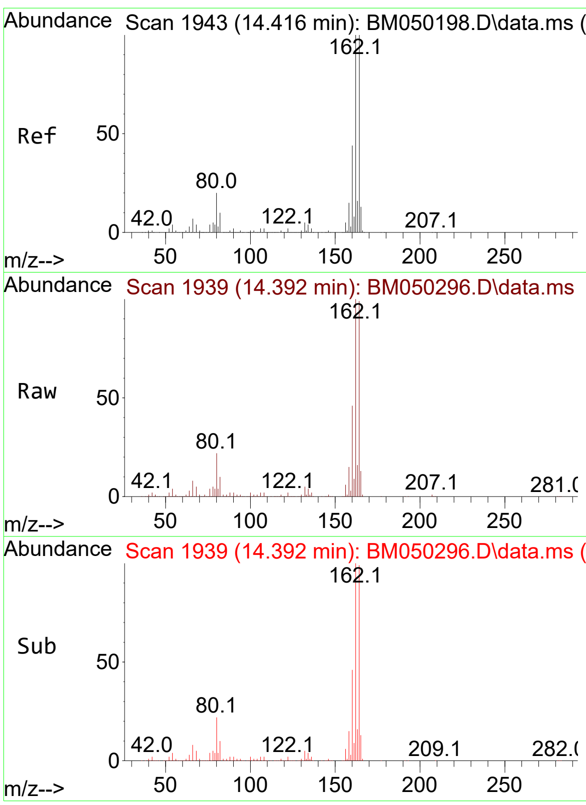


#23
Nitrobenzene-d5
Concen: 92.882 ng
RT: 8.910 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

Tgt Ion: 82 Resp: 2514037

Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.2	52.8
54	31.7	24.5	36.7

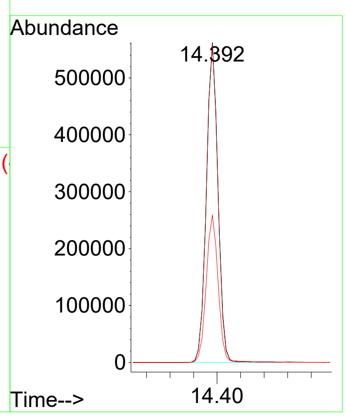




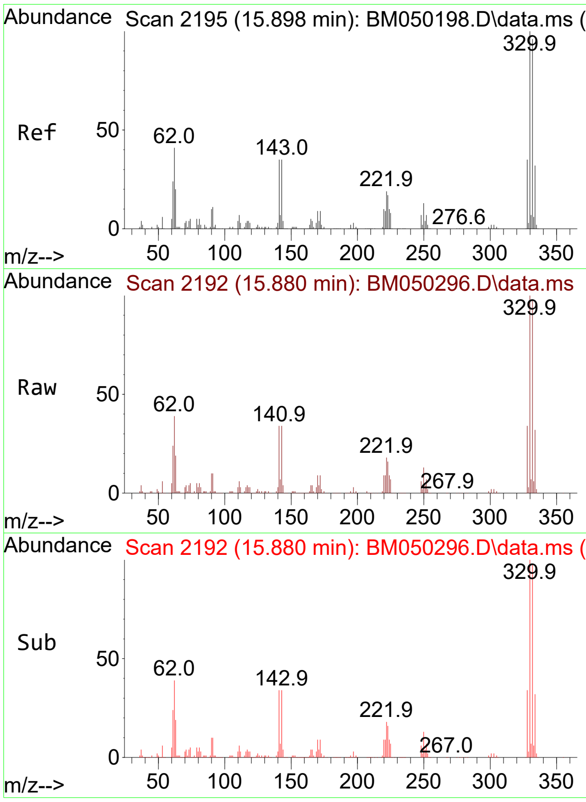
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

Tgt Ion:164 Resp: 768840

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.4
160	46.3	35.7	53.5



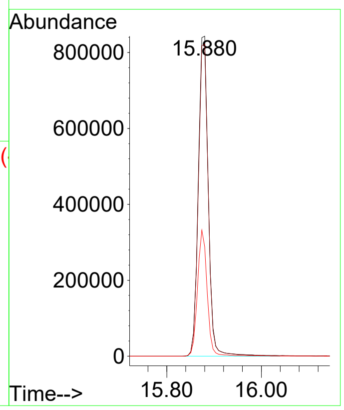
Instrument :
BNA_M
ClientSampleId :
PB168390TB

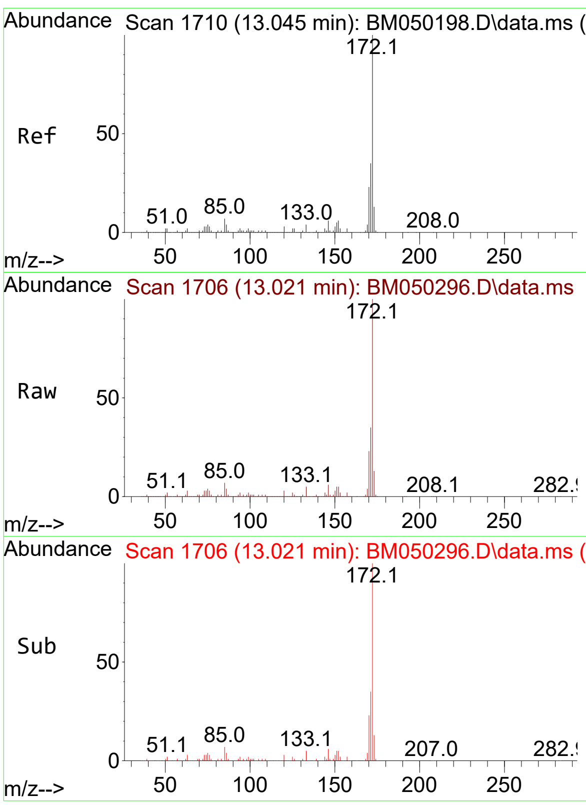


#42
2,4,6-Tribromophenol
Concen: 141.974 ng
RT: 15.880 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

Tgt Ion:330 Resp: 1241568

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.5	116.3
141	38.1	28.8	43.2

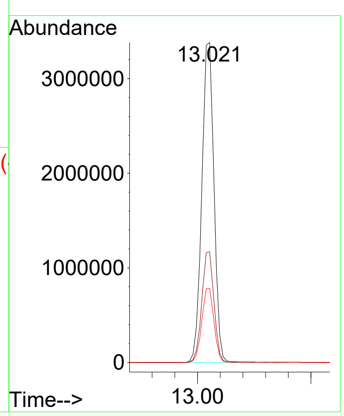




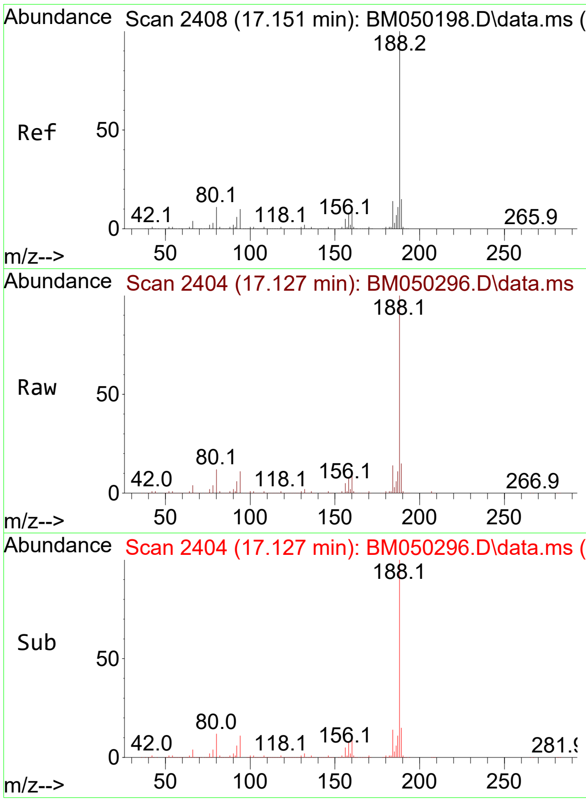
#45
2-Fluorobiphenyl
Concen: 88.876 ng
RT: 13.021 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

Tgt Ion:172 Resp: 5047189

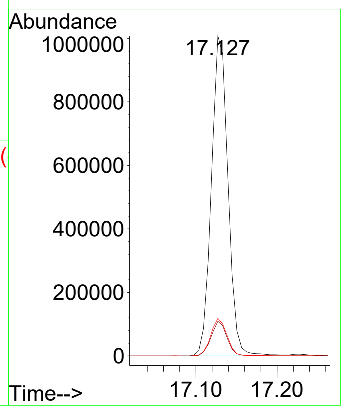
Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	27.8

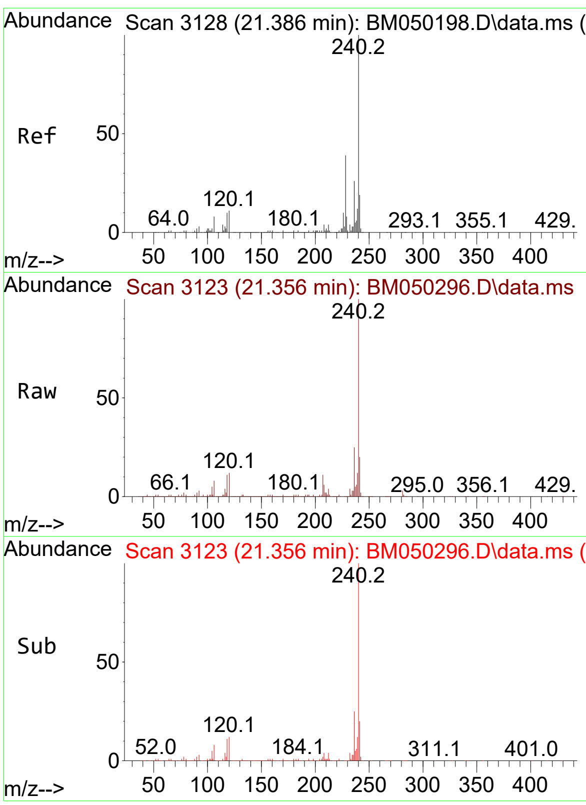


Instrument :
BNA_M
ClientSampleId :
PB168390TB

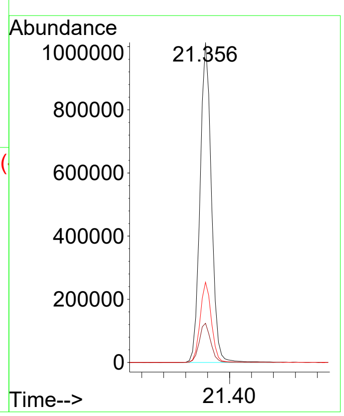



```
#64
Phenanthrene-d10
Concen:   20.000 ng
RT:  17.127 min  Scan# 24
Delta R.T.  -0.012 min
Lab File:   BM050296.D
Acq: 12 Jun 2025  05:50

Tgt Ion:188 Resp: 1429591
Ion  Ratio  Lower  Upper
188  100
 94   10.8    8.1   12.1
 80   11.8    8.6   13.0
```

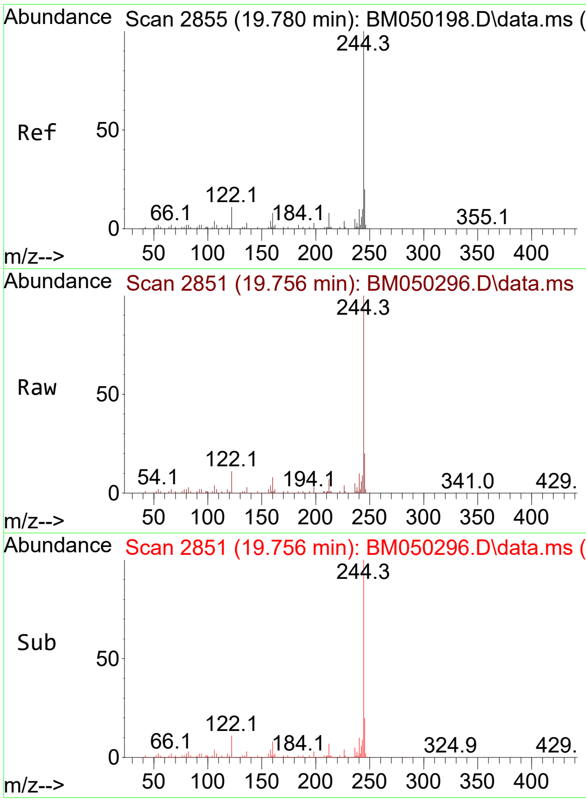





```
#76
Chrysene-d12
Concen:   20.000 ng
RT:  21.356 min  Scan# 3123
Delta R.T.  -0.018 min
Lab File:   BM050296.D
Acq: 12 Jun 2025  05:50

Tgt Ion:240 Resp: 1457104
Ion  Ratio  Lower  Upper
240  100
120   12.2    9.0   13.4
236   25.1   20.7   31.1
```



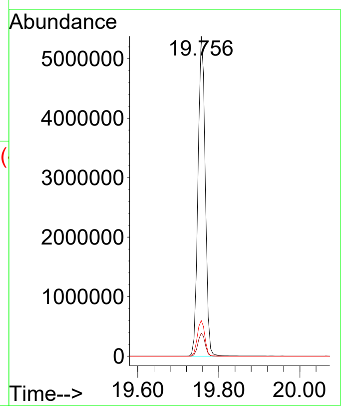
Instrument :
BNA_M
ClientSampleId :
PB168390TB

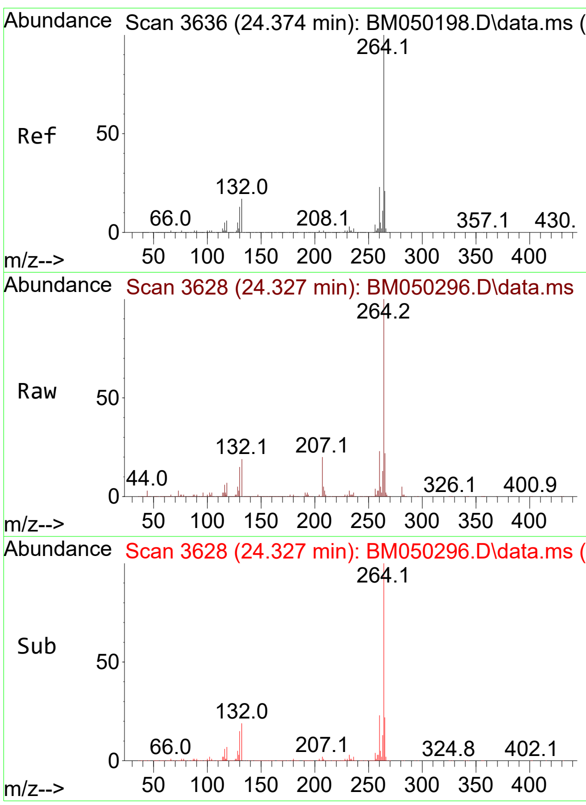


#79
Terphenyl-d14
Concen: 87.918 ng
RT: 19.756 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

Tgt Ion:244 Resp: 6760129

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.2	8.6	12.8

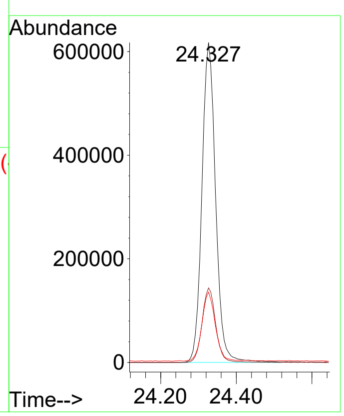




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.327 min Scan# 3628
Delta R.T. -0.018 min
Lab File: BM050296.D
Acq: 12 Jun 2025 05:50

Tgt Ion:264 Resp: 1555860

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.0	16.8	25.2



Raw Data: **BM050284.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	WC-20250605	SDG No.:	Q2267
Lab Sample ID:	Q2267-01	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050284.D	1	06/11/25 12:20	06/11/25 21:21	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	141		23 - 138	94%	SPK: 150
13127-88-3	Phenol-d6	121		10 - 134	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.7		67 - 132	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.8		52 - 132	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	156		44 - 137	104%	SPK: 150
1718-51-0	Terphenyl-d14	68.5		42 - 152	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	342000	7.763			
1146-65-2	Naphthalene-d8	1300000	10.551			
15067-26-2	Acenaphthene-d10	724000	14.392			
1517-22-2	Phenanthrene-d10	1410000	17.133			
1719-03-5	Chrysene-d12	1480000	21.356			
1520-96-3	Perylene-d12	829000	24.333			

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	WC-20250605	SDG No.:	Q2267
Lab Sample ID:	Q2267-01	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050284.D	1	06/11/25 12:20	06/11/25 21:21	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Sample Results: **BM050284.D**

Instrument :
BNA_M
ClientSampleId :
WC-20250605

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050284.D
Acq On : 11 Jun 2025 21:21
Operator : RC/JU
Sample : Q2267-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 12 02:56:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	342435	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1297099	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	723910	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1414148	20.000	ng	0.00
76) Chrysene-d12	21.356	240	1483946	20.000	ng	-0.02
86) Perylene-d12	24.333	264	828685	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2893731	140.966	ng	0.00
7) Phenol-d6	6.934	99	3268812	120.964	ng	0.00
23) Nitrobenzene-d5	8.916	82	2361569	94.689	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1285779	156.156	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4908961	91.807	ng	0.00
79) Terphenyl-d14	19.762	244	5362171	68.476	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.775	122	35952	2.844	ng	94

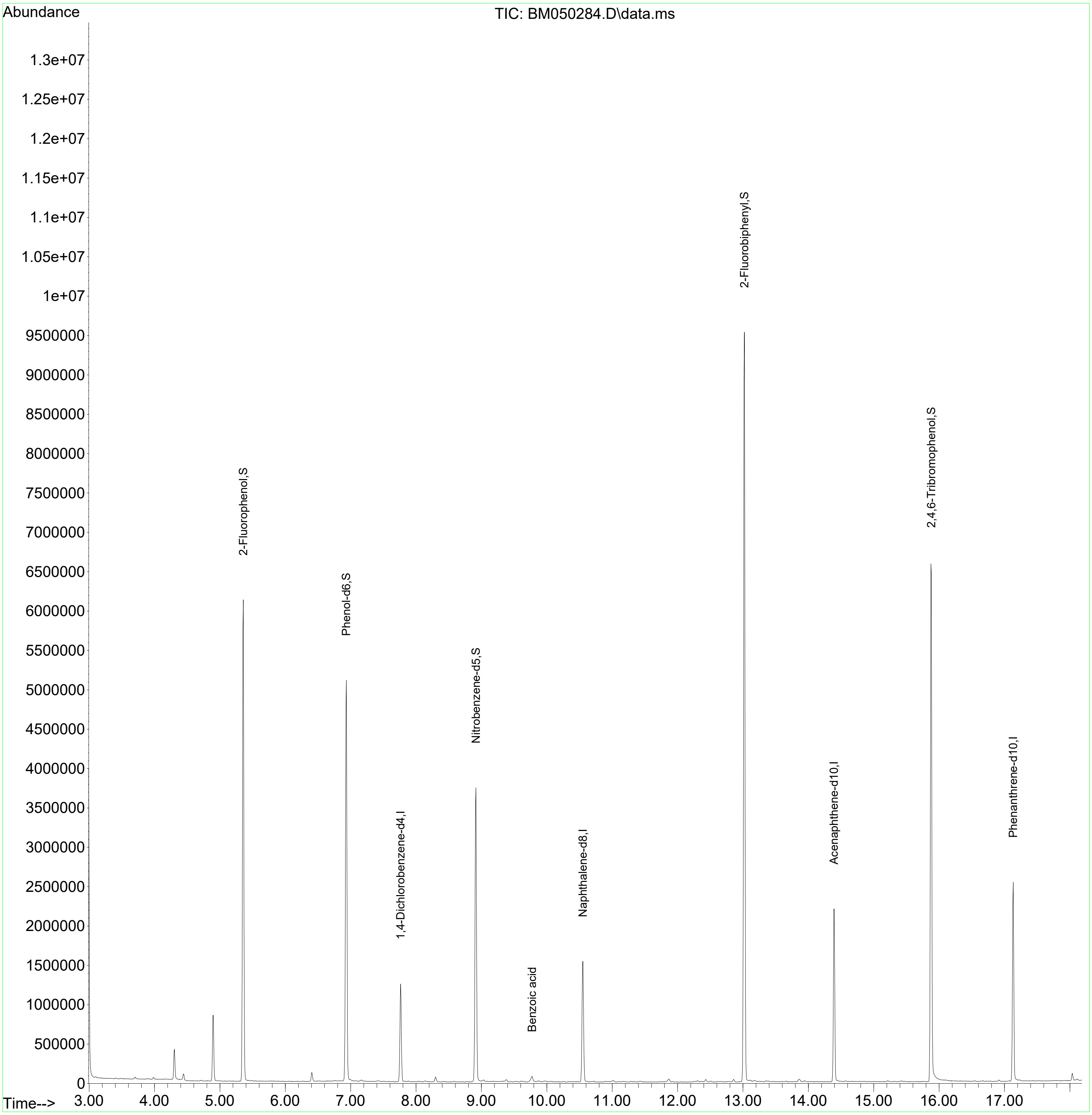
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **BM050284.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050284.D
Acq On : 11 Jun 2025 21:21
Operator : RC/JU
Sample : Q2267-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-20250605

Quant Time: Jun 12 02:56:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



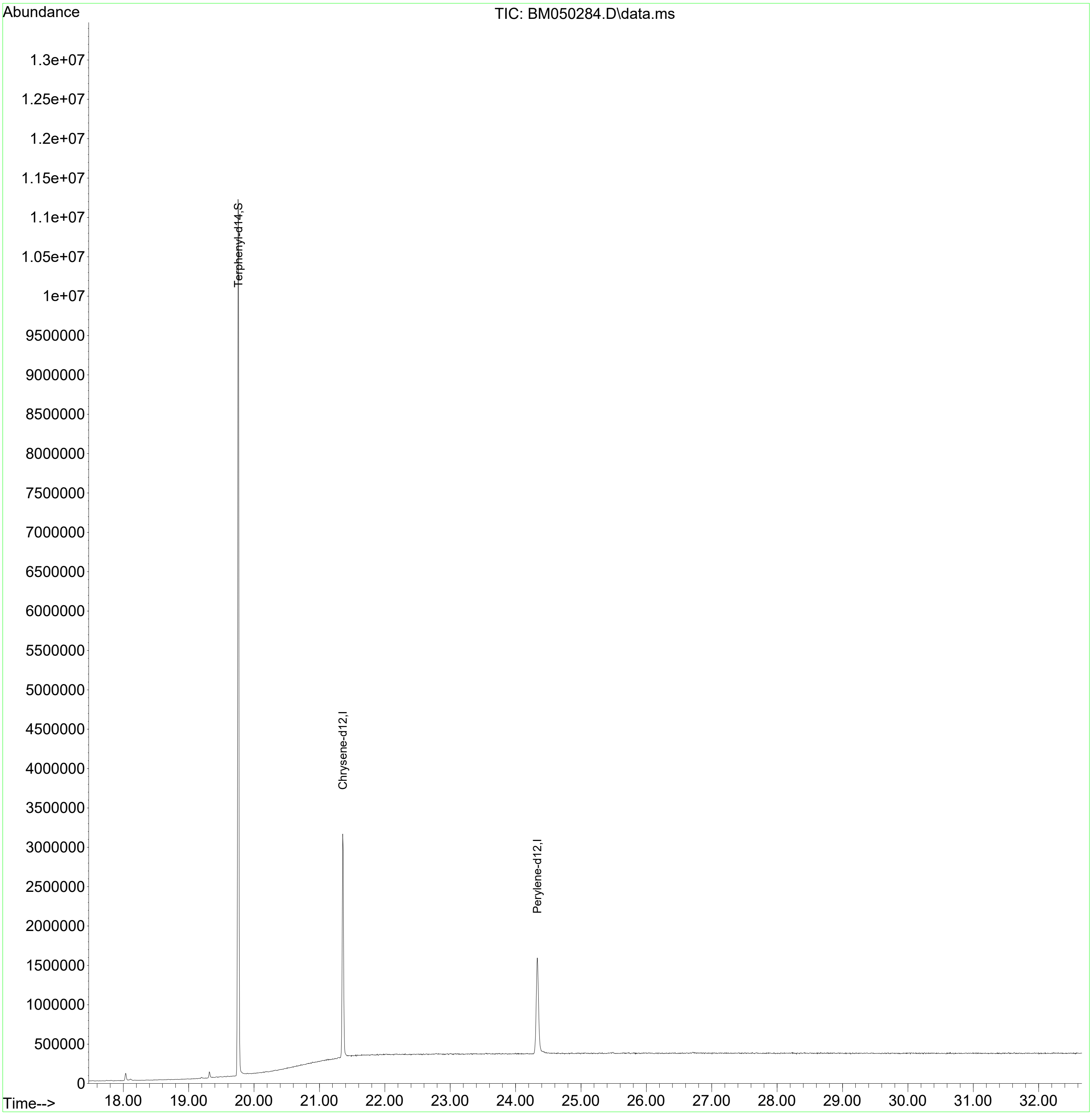
Quantitation Report (QT Reviewed)

Sample Results: **BM050284.D**

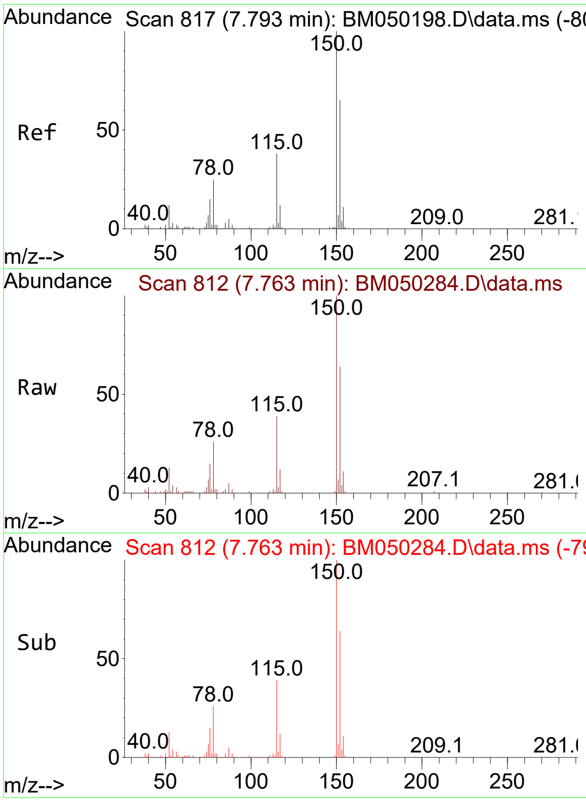
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050284.D
Acq On : 11 Jun 2025 21:21
Operator : RC/JU
Sample : Q2267-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-20250605

Quant Time: Jun 12 02:56:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



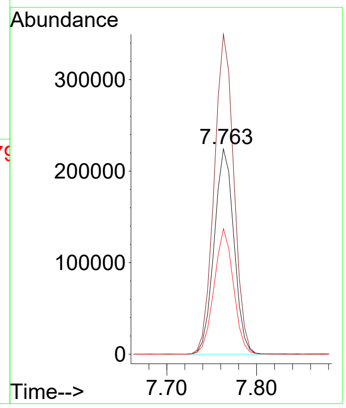
Instrument :
BNA_M
ClientSampleId :
WC-20250605

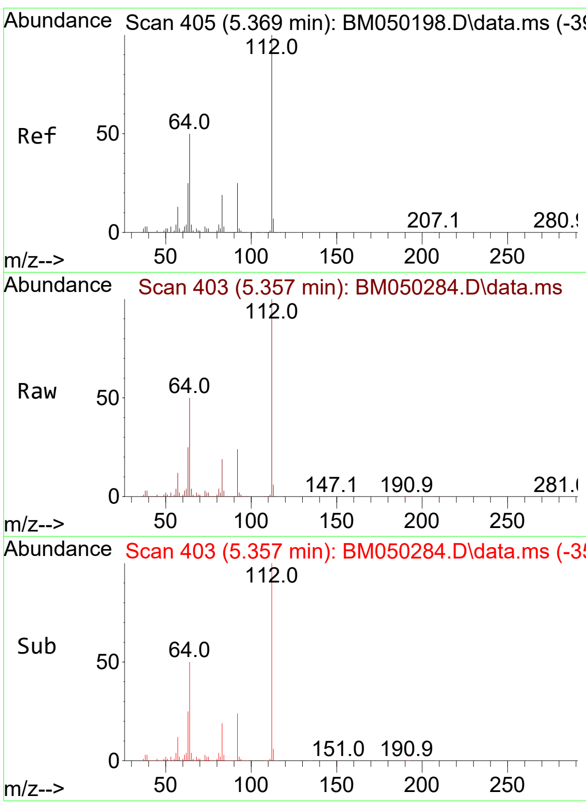


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Tgt Ion:152 Resp: 342435

Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.2	183.4
115	61.1	46.3	69.5

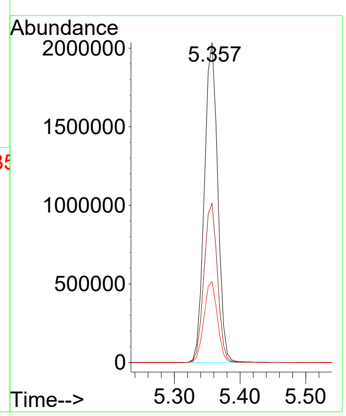




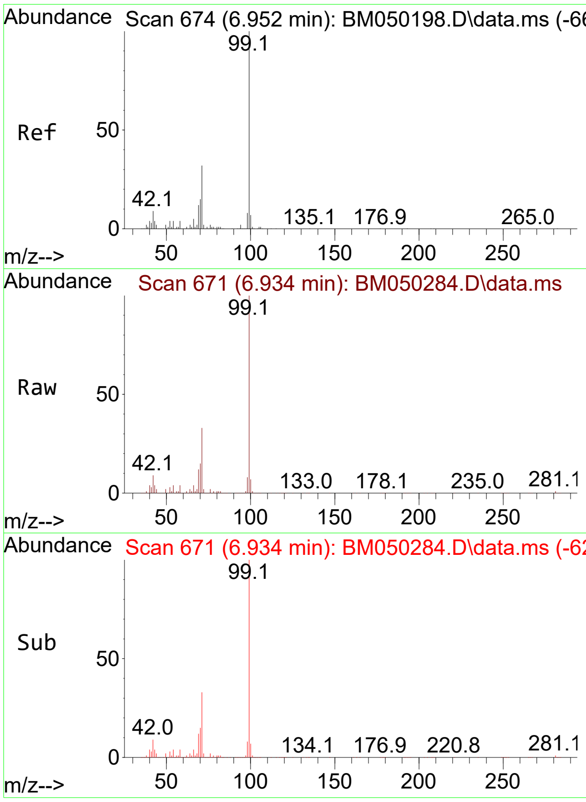
#5
2-Fluorophenol
Concen: 140.966 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Tgt Ion:112 Resp: 2893731

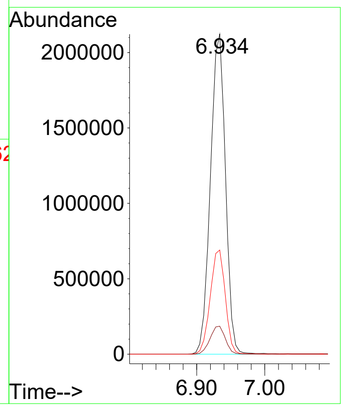
Ion	Ratio	Lower	Upper
112	100		
64	49.7	39.8	59.6
63	25.3	19.8	29.8

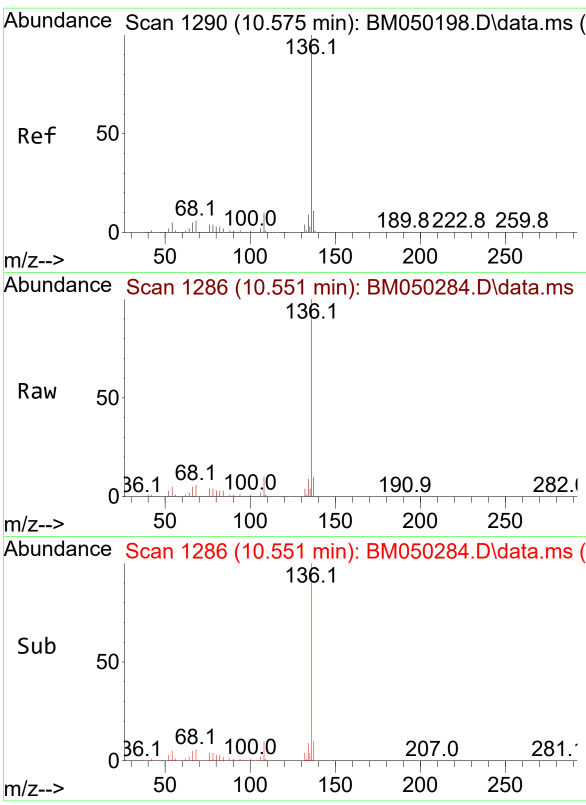


Instrument : BNA_M
ClientSampleId : WC-20250605

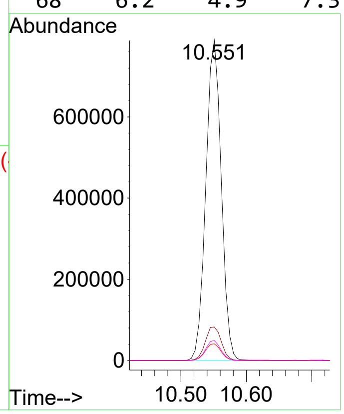



```
#7
Phenol-d6
Concen:  120.964 ng
RT:   6.934 min  Scan# 67
Delta R.T.  0.000 min
Lab File:   BM050284.D
Acq: 11 Jun 2025  21:21

Tgt Ion: 99 Resp: 3268812
Ion  Ratio  Lower  Upper
 99  100
 42    8.8    6.9   10.3
 71   32.5   25.3   37.9
```

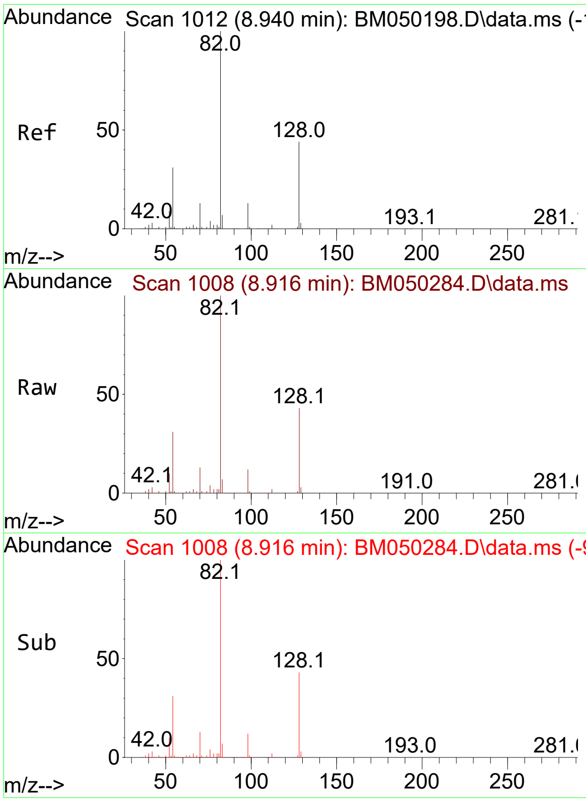




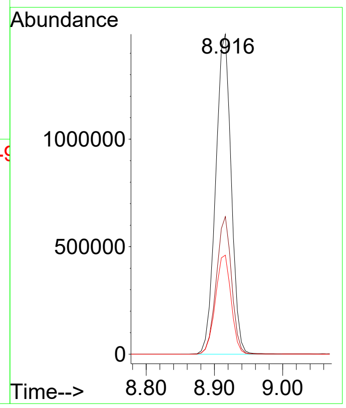

```
#21
Naphthalene-d8
Concen:   20.000 ng
RT:  10.551 min  Scan# 1286
Delta R.T.  -0.006 min
Lab File:   BM050284.D
Acq: 11 Jun 2025  21:21

Tgt Ion:136 Resp: 1297099
Ion  Ratio  Lower  Upper
136  100
137   10.4    8.6   13.0
 54    5.2    3.8    5.8
 68    6.2    4.9    7.3
```

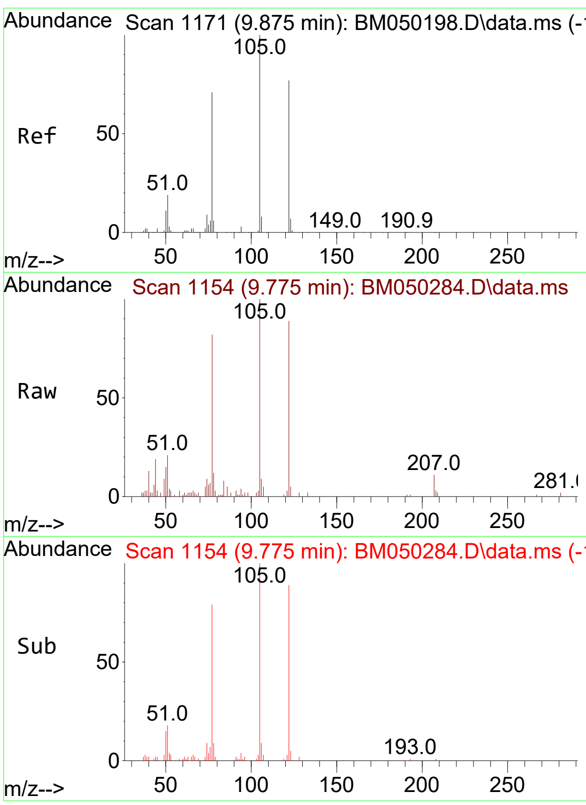


Instrument :
BNA_M
ClientSampleId :
WC-20250605

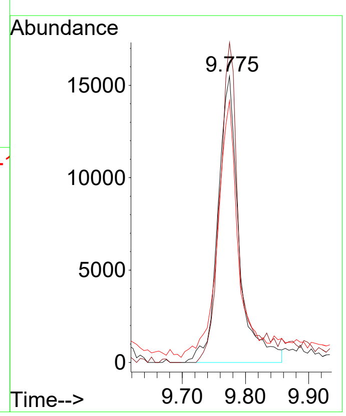



```
#23
Nitrobenzene-d5
Concen:   94.689 ng
RT:   8.916 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BM050284.D
Acq: 11 Jun 2025  21:21

Tgt Ion: 82 Resp: 2361569
Ion  Ratio  Lower  Upper
 82  100
128   43.0   35.2   52.8
 54   31.0   24.5   36.7
```

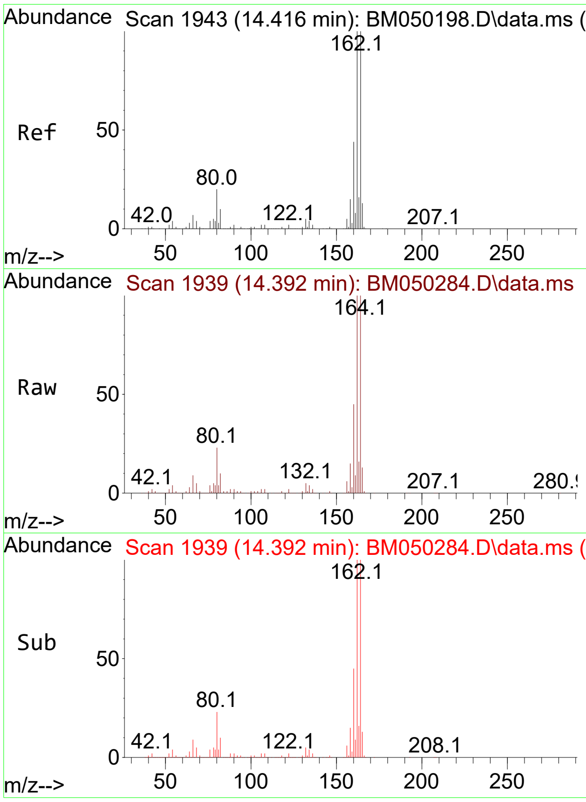





```
#32
Benzoic acid
Concen:    2.844 ng
RT:   9.775 min  Scan# 1154
Delta R.T.  -0.071 min
Lab File:   BM050284.D
Acq: 11 Jun 2025  21:21

Tgt Ion:122 Resp:   35952
Ion  Ratio  Lower  Upper
122  100
105  111.7  103.4  143.4
 77   91.5   70.3  110.3
```



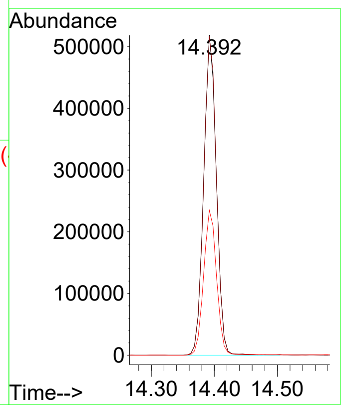
Instrument : BNA_M
ClientSampleId : WC-20250605

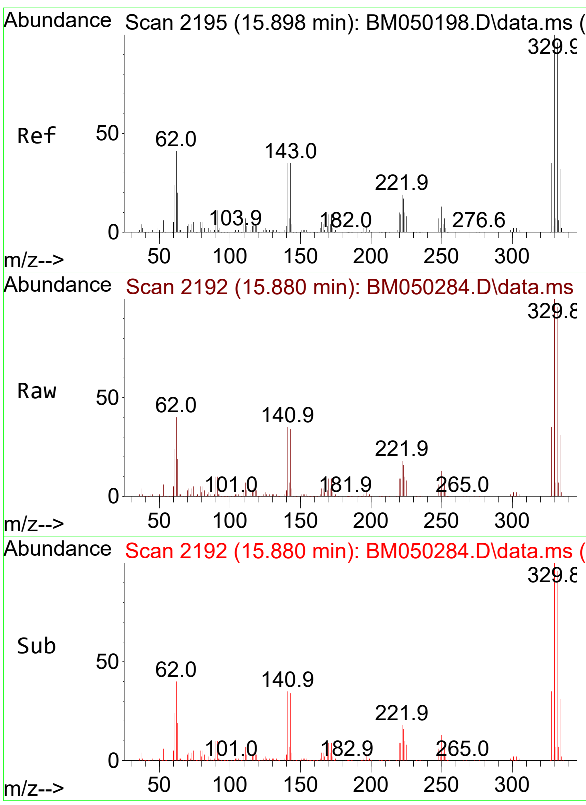


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Tgt Ion:164 Resp: 723910

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.4
160	45.3	35.7	53.5

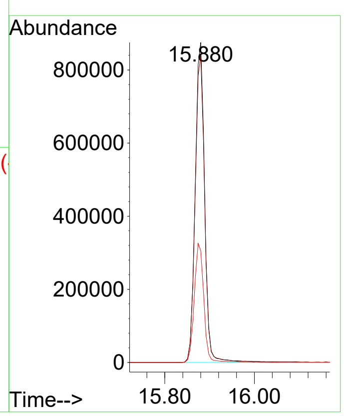




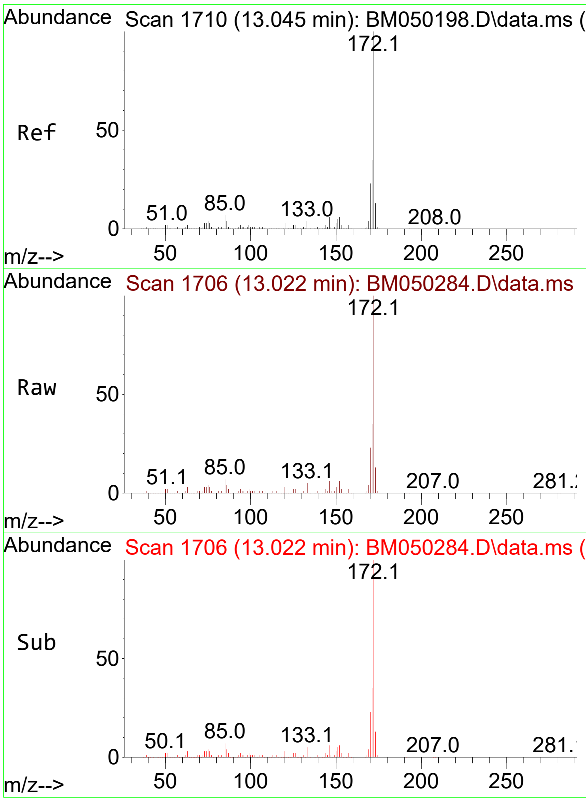
#42
2,4,6-Tribromophenol
Concen: 156.156 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Tgt Ion:330 Resp: 1285779

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	37.7	28.8	43.2



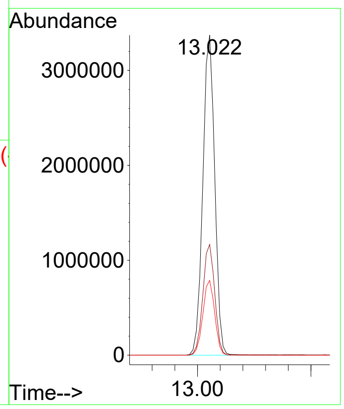
Instrument :
BNA_M
ClientSampleId :
WC-20250605

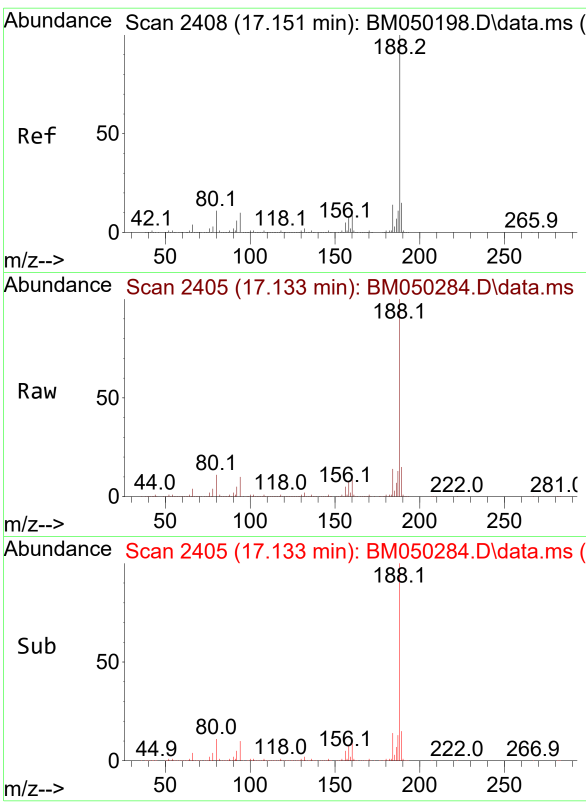


#45
2-Fluorobiphenyl
Concen: 91.807 ng
RT: 13.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Tgt Ion:172 Resp: 4908961

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.4	18.6	27.8

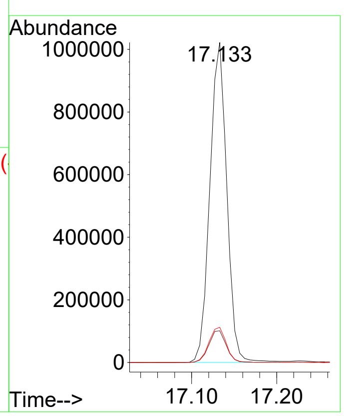




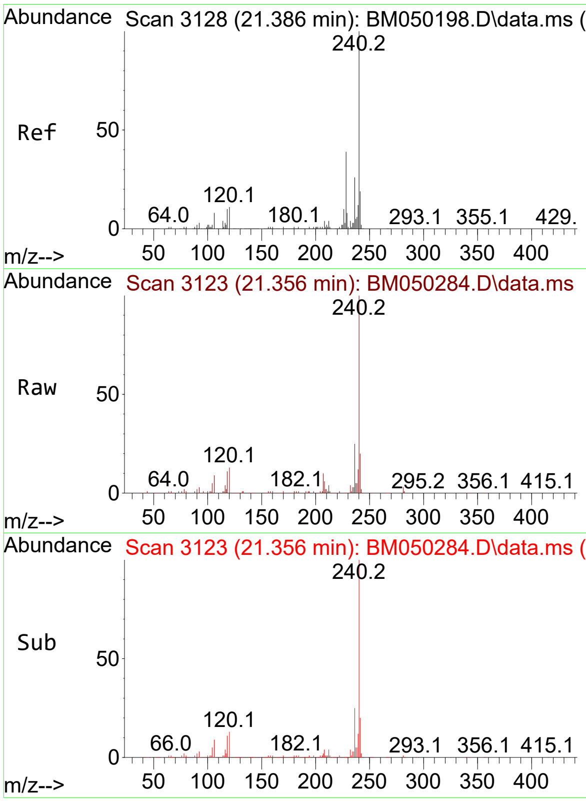
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Tgt Ion:188 Resp: 1414148

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.1	12.1
80	11.0	8.6	13.0



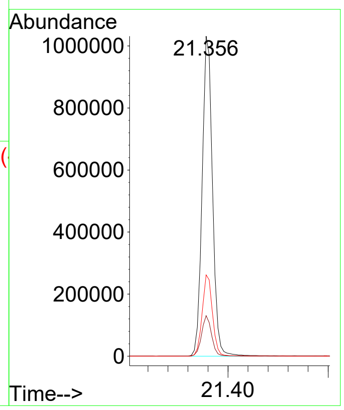
Instrument :
BNA_M
ClientSampleId :
WC-20250605

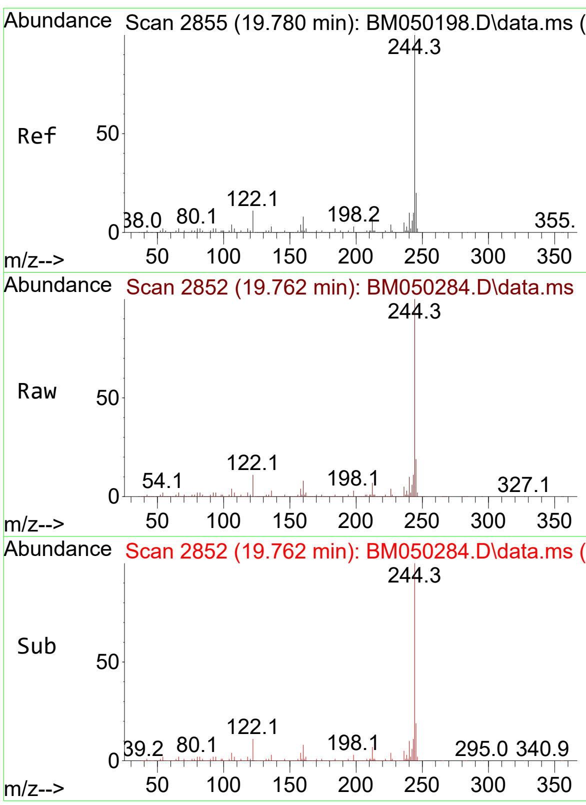


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Tgt Ion:240 Resp: 1483946

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.0	13.4
236	25.4	20.7	31.1

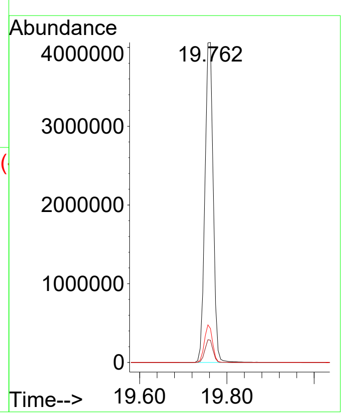


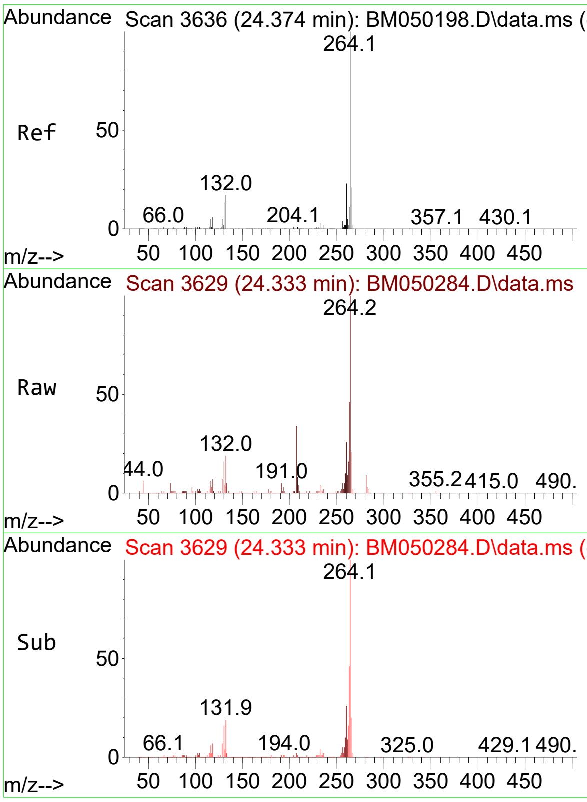


#79
Terphenyl-d14
Concen: 68.476 ng
RT: 19.762 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Tgt Ion:244 Resp: 5362171

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	10.6	8.6	12.8



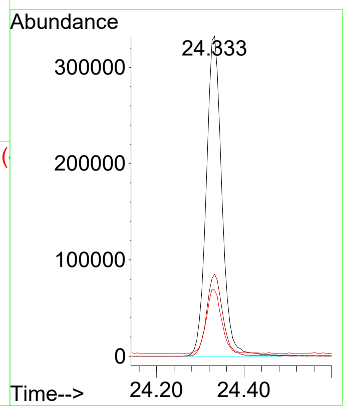


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.333 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Instrument :
BNA_M
ClientSampleId :
WC-20250605

Tgt Ion:264 Resp: 828685

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.6	28.0
265	20.7	16.8	25.2



CALIBRATION SUMMARY

Raw Data

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

6C
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH   Contract: PARS02

Lab Code: CHEM   Case No.: Q2267   SAS No.: Q2267   SDG No.: Q2267

Instrument ID: BNA_M   Calibration Date(s): 06/05/2025   06/05/2025

Calibration Time(s): 09:20   13:56

LAB FILE ID: RRF2.5 = BM050194.D   RRF005 = BM050195.D   RRF010 = BM050196.D
RRF020 = BM050197.D   RRF040 = BM050198.D   RRF050 = BM050199.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.353	1.352	1.370	1.311	1.425	1.361	2.8
2-Fluorophenol		1.251	1.193	1.192	1.145	1.238	1.199	3.5
Phenol-d6		1.569	1.521	1.617	1.565	1.699	1.578	4.0
1,4-Dichlorobenzene		1.619	1.544	1.564	1.450	1.591	1.534	4.3
2-Methylphenol		1.078	1.042	1.133	1.108	1.207	1.102	5.0
3+4-Methylphenols		1.367	1.375	1.533	1.509	1.661	1.474	7.0
Nitrobenzene-d5		0.359	0.362	0.392	0.377	0.414	0.385	5.4
Hexachloroethane	0.553	0.564	0.544	0.552	0.533	0.593	0.555	3.3
Nitrobenzene		0.333	0.337	0.359	0.339	0.370	0.350	4.1
Hexachlorobutadiene		0.188	0.184	0.189	0.182	0.202	0.190	3.7
2,4,6-Trichlorophenol		0.346	0.347	0.379	0.375	0.414	0.380	6.9
2-Fluorobiphenyl		1.589	1.536	1.532	1.377	1.463	1.477	5.7
2,4,5-Trichlorophenol		0.371	0.382	0.424	0.414	0.457	0.417	7.5
2,4-Dinitrotoluene		0.250	0.283	0.365	0.396	0.447	0.360	19.3
2,4,6-Tribromophenol		0.210	0.213	0.238	0.231	0.254	0.227	7.0
Hexachlorobenzene		0.249	0.240	0.253	0.238	0.261	0.249	3.3
Pentachlorophenol		0.133	0.138	0.165	0.164	0.187	0.162	12.2
Terphenyl-d14		1.148	1.088	1.165	1.010	1.064	1.055	8.1

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jun 05 16:20:25 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050194.D 5 =BM050195.D 10 =BM050196.D 20 =BM050197.D 40 =BM050198.D 50 =BM050199.D 60 =BM050200.D 80 =BM0502
01.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------------ISTD--------------------									
2)		1,4-Dioxane		0.597	0.552	0.516	0.479	0.511	0.536	0.488	0.526	7.69
3)		Pyridine		1.353	1.352	1.370	1.311	1.425	1.389	1.326	1.361	2.80
4)		n-Nitrosodimet...		0.283	0.265	0.279	0.272	0.297	0.293	0.282	0.281	3.95
5)	S	2-Fluorophenol		1.251	1.193	1.192	1.145	1.238	1.224	1.150	1.199	3.45
6)		Aniline		2.033	2.016	2.147	2.065	2.250	2.064	2.031	2.086	4.02
7)	S	Phenol-d6		1.569	1.521	1.617	1.565	1.699	1.560	1.516	1.578	4.00
8)		2-Chlorophenol		1.289	1.259	1.344	1.295	1.418	1.338	1.288	1.319	4.02
9)		Benzaldehyde		1.188	1.080	1.096	0.878	0.975	0.804		1.003	14.43
10)	C	Phenol		1.673	1.644	1.710	1.644	1.782	1.637	1.600	1.670	3.58
11)		bis(2-Chloroet...		1.396	1.319	1.380	1.315	1.428	1.295	1.269	1.343	4.36
12)		1,3-Dichlorobe...		1.516	1.462	1.491	1.412	1.545	1.485	1.409	1.474	3.46
13)	C	1,4-Dichlorobe...		1.619	1.544	1.564	1.450	1.591	1.525	1.444	1.534	4.34
14)		1,2-Dichlorobe...		1.503	1.456	1.492	1.402	1.540	1.450	1.392	1.462	3.68
15)		Benzyl Alcohol		1.072	1.045	1.152	1.141	1.267	1.102	1.101	1.126	6.43
16)		2,2'-oxybis(1-...		1.012	0.949	0.974	0.909	0.978	0.863	0.845	0.933	6.68
17)		2-Methylphenol		1.078	1.042	1.133	1.108	1.207	1.077	1.068	1.102	4.96
18)		Hexachloroethane		0.564	0.544	0.552	0.533	0.593	0.559	0.543	0.556	3.51
19)	P	n-Nitroso-di-n...	0.847	0.944	0.947	1.072	1.001	1.096	0.906	0.913	0.966	8.82
20)		3+4-Methylphenols		1.367	1.375	1.533	1.509	1.661	1.437	1.438	1.474	6.98
21)	I	Naphthalene-d8	----------------ISTD--------------------									
22)		Acetophenone		0.515	0.506	0.517	0.476	0.519	0.495	0.470	0.500	4.03
23)	S	Nitrobenzene-d5		0.359	0.362	0.392	0.377	0.414	0.406	0.382	0.385	5.42
24)		Nitrobenzene		0.333	0.337	0.359	0.339	0.370	0.363	0.347	0.350	4.10
25)		Isophorone		0.647	0.624	0.685	0.659	0.733	0.652	0.646	0.664	5.33
26)	C	2-Nitrophenol		0.116	0.124	0.146	0.155	0.178	0.169	0.169	0.151	15.65
27)		2,4-Dimethylph...		0.311	0.298	0.315	0.303	0.332	0.313	0.299	0.310	3.80
28)		bis(2-Chloroet...		0.426	0.413	0.447	0.427	0.470	0.432	0.420	0.434	4.42
29)	C	2,4-Dichloroph...		0.265	0.262	0.289	0.286	0.319	0.300	0.289	0.287	6.83
30)		1,2,4-Trichlor...		0.324	0.307	0.321	0.305	0.337	0.330	0.312	0.319	3.72
31)		Naphthalene		1.111	1.041	1.056	0.977	1.061	1.025	0.969	1.034	4.79
32)		Benzoic acid			0.127	0.176	0.204	0.233	0.211	0.219	0.195	19.69
33)		4-Chloroaniline		0.438	0.423	0.454	0.433	0.477	0.440	0.422	0.441	4.37
34)	C	Hexachlorobuta...		0.188	0.184	0.189	0.182	0.202	0.197	0.188	0.190	3.74
35)		Caprolactam		0.077	0.077	0.093	0.097	0.112	0.092	0.090	0.091	13.48
36)	C	4-Chloro-3-met...		0.293	0.276	0.313	0.313	0.347	0.302	0.299	0.306	7.19
37)		2-Methylnaphth...		0.625	0.592	0.643	0.615	0.679	0.619	0.594	0.624	4.78
38)		1-Methylnaphth...		0.676	0.637	0.689	0.649	0.714	0.648	0.622	0.662	4.86

Response Factor Report BNA_M

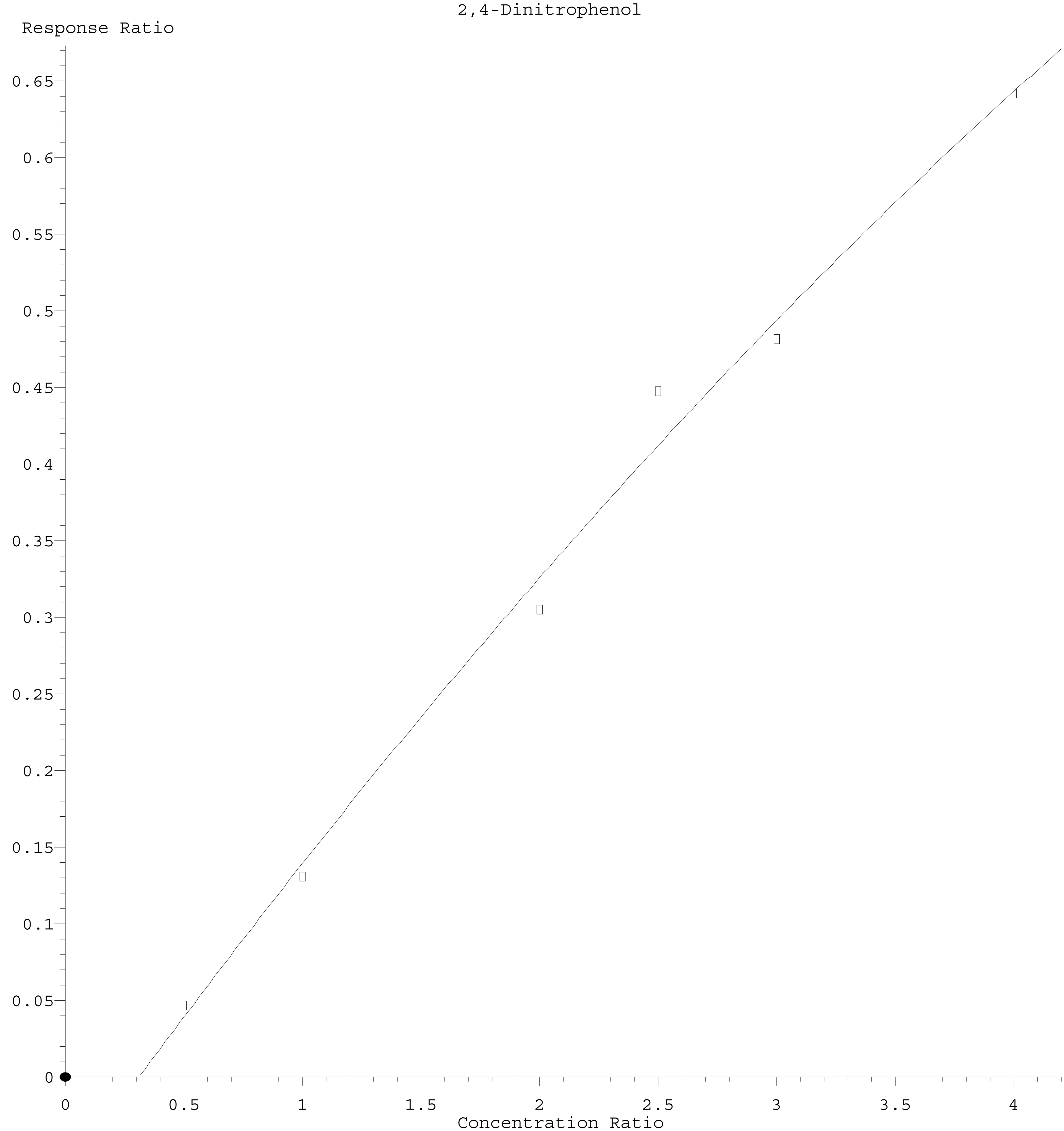
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

39)	I	Acenaphthene-d10	----------------ISTD--------------------								
40)		1,2,4,5-Tetrac...	0.586	0.561	0.585	0.541	0.589	0.607	0.574	0.578	3.71
41)	P	Hexachlorocycl...	0.295	0.305	0.339	0.341	0.382	0.401	0.392	0.351	12.02
42)	S	2,4,6-Tribromo...	0.210	0.213	0.238	0.231	0.254	0.233	0.214	0.227	6.99
43)	C	2,4,6-Trichlor...	0.346	0.347	0.379	0.375	0.414	0.402	0.396	0.380	6.93
44)		2,4,5-Trichlor...	0.371	0.382	0.424	0.414	0.457	0.442	0.429	0.417	7.46
45)	S	2-Fluorobiphenyl	1.589	1.536	1.532	1.377	1.463	1.480	1.364	1.477	5.67
46)		1,1'-Biphenyl	1.582	1.513	1.514	1.404	1.526	1.508	1.437	1.498	3.96
47)		2-Chloronaphth...	1.221	1.194	1.180	1.084	1.171	1.177	1.123	1.164	3.94
48)		2-Nitroaniline	0.200	0.206	0.252	0.268	0.302	0.290	0.277	0.256	15.56
49)		Acenaphthylene	1.863	1.834	1.940	1.819	1.978	1.924	1.824	1.883	3.39
50)		Dimethylphthalate	1.339	1.285	1.398	1.343	1.474	1.344	1.284	1.353	4.92
51)		2,6-Dinitrotol...	0.204	0.231	0.284	0.289	0.320	0.297	0.284	0.273	14.82
52)	C	Acenaphthene	1.217	1.176	1.185	1.132	1.228	1.181	1.127	1.178	3.24
53)		3-Nitroaniline	0.231	0.252	0.312	0.323	0.360	0.336	0.314	0.304	15.16
54)	P	2,4-Dinitrophenol		0.093	0.131	0.152	0.179	0.160	0.160	0.146	20.67
55)		Dibenzofuran	1.782	1.710	1.775	1.662	1.797	1.719	1.617	1.723	3.87
56)	P	4-Nitrophenol	0.199	0.216	0.265	0.274	0.307	0.288	0.262	0.259	14.93
57)		2,4-Dinitrotol...	0.250	0.283	0.365	0.396	0.447	0.398	0.380	0.360	19.28
58)		Fluorene	1.413	1.358	1.394	1.267	1.348	1.289	1.169	1.320	6.40
59)		2,3,4,6-Tetrac...	0.338	0.330	0.370	0.365	0.401	0.371	0.350	0.361	6.60
60)		Diethylphthalate	1.314	1.272	1.416	1.346	1.490	1.317	1.238	1.342	6.43
61)		4-Chlorophenyl...	0.675	0.656	0.667	0.611	0.660	0.623	0.573	0.638	5.81
62)		4-Nitroaniline	0.213	0.236	0.291	0.308	0.342	0.319	0.285	0.285	16.00
63)		Azobenzene	1.342	1.330	1.415	1.313	1.443	1.316	1.230	1.341	5.25
64)	I	Phenanthrene-d10	----------------ISTD--------------------								
65)		4,6-Dinitro-2-...		0.075	0.101	0.111	0.128	0.120	0.121	0.109	17.72
66)	c	n-Nitrosodiphe...	0.630	0.626	0.639	0.594	0.646	0.639	0.625	0.628	2.73
67)		4-Bromophenyl-...	0.207	0.204	0.215	0.204	0.228	0.217	0.218	0.213	4.13
68)		Hexachlorobenzene	0.249	0.240	0.253	0.238	0.261	0.255	0.249	0.249	3.29
69)		Atrazine	0.166	0.177	0.206	0.206	0.231	0.212	0.204	0.200	10.86
70)	C	Pentachlorophenol	0.133	0.138	0.165	0.164	0.187	0.177	0.171	0.162	12.21
71)		Phenanthrene	1.239	1.156	1.160	1.071	1.161	1.144	1.068	1.143	5.14
72)		Anthracene	1.167	1.135	1.175	1.086	1.181	1.165	1.092	1.143	3.46
73)		Carbazole	1.041	1.003	1.063	1.009	1.103	1.085	0.985	1.041	4.30
74)		Di-n-butylphth...	0.998	1.007	1.187	1.159	1.300	1.187	1.093	1.133	9.53
75)	C	Fluoranthene	1.180	1.139	1.231	1.178	1.301	1.284	1.121	1.205	5.77
76)	I	Chrysene-d12	----------------ISTD--------------------								
77)		Benzidine		0.381	0.568	0.617	0.689	0.600	0.520	0.562	18.64
78)		Pyrene	1.331	1.307	1.444	1.324	1.423	1.274	1.334	1.348	4.61
79)	S	Terphenyl-d14	1.148	1.088	1.165	1.010	1.064	0.955	0.957	1.055	8.06
80)		Butylbenzylpht...	0.322	0.347	0.460	0.490	0.563	0.480	0.485	0.450	18.95
81)		Benzo(a)anthra...	1.271	1.231	1.298	1.218	1.338	1.280	1.225	1.266	3.47
82)		3,3'-Dichlorob...	0.265	0.301	0.379	0.415	0.476	0.450	0.416	0.386	19.97
83)		Chrysene	1.235	1.184	1.225	1.151	1.256	1.217	1.161	1.204	3.27
84)		Bis(2-ethylhex...	0.525	0.574	0.702	0.740	0.851	0.741	0.714	0.693	15.84
85)	c	Di-n-octyl pht...	0.641	0.729	0.936	1.114	1.359	1.245	1.169	1.028	26.08

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

86)	I	Perylene-d12	-----------------ISTD---------------------								
87)		Indeno(1,2,3-c...	1.189	1.183	1.254	1.191	1.318	1.472	1.407	1.288	8.99
88)		Benzo(b)fluora...	1.104	1.082	1.205	1.170	1.269	1.178	1.132	1.163	5.46
89)		Benzo(k)fluora...	1.141	1.149	1.222	1.167	1.295	1.190	1.144	1.187	4.71
90)	C	Benzo(a)pyrene	0.994	1.007	1.111	1.081	1.197	1.153	1.111	1.093	6.73
91)		Dibenzo(a,h)an...	0.954	0.966	1.021	0.972	1.075	1.188	1.141	1.045	8.83
92)		Benzo(g,h,i)pe...	1.002	0.978	1.013	0.954	1.037	1.194	1.146	1.046	8.57

(#) = Out of Range



R = -9.297e-003 A*A + 2.144e-001 A - 6.582e-002
Coef of Det (r^2) = 0.992237   Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM060525.M
Calibration Table Last Updated: Thu Jun 05 16:20:25 2025

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050194.D
Acq On : 05 Jun 2025 09:20
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 05 15:11:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.786	152	244555	20.000 ng	0.00
21) Naphthalene-d8	10.575	136	945759	20.000 ng	0.00
39) Acenaphthene-d10	14.415	164	534696	20.000 ng	0.00
64) Phenanthrene-d10	17.151	188	982061	20.000 ng	0.00
76) Chrysene-d12	21.386	240	992954	20.000 ng	0.00
86) Perylene-d12	24.374	264	1067519	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
18) Hexachloroethane	8.869	117	16914	2.490 ng	97

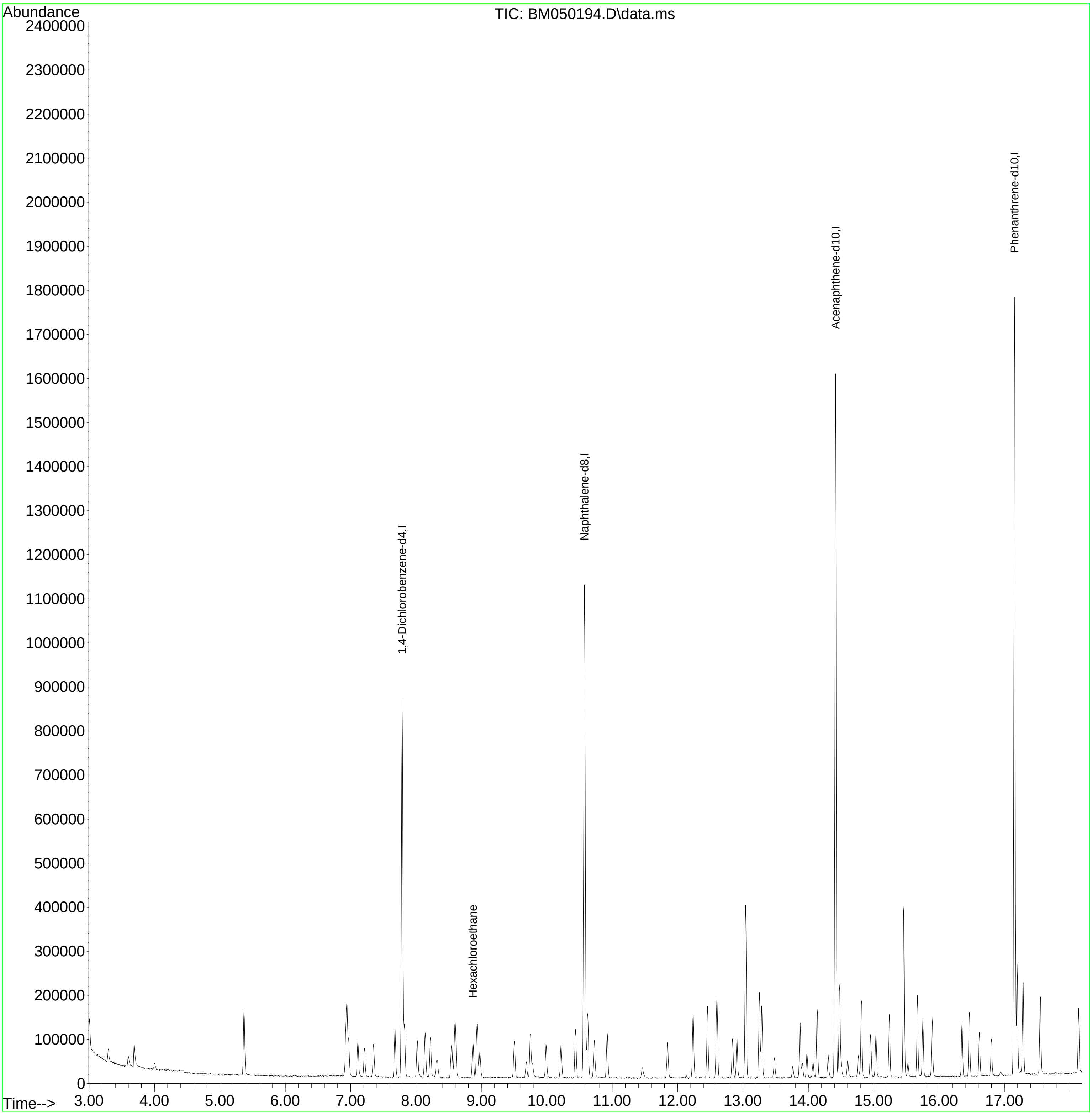
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050194.D
Acq On : 05 Jun 2025 09:20
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 05 15:11:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

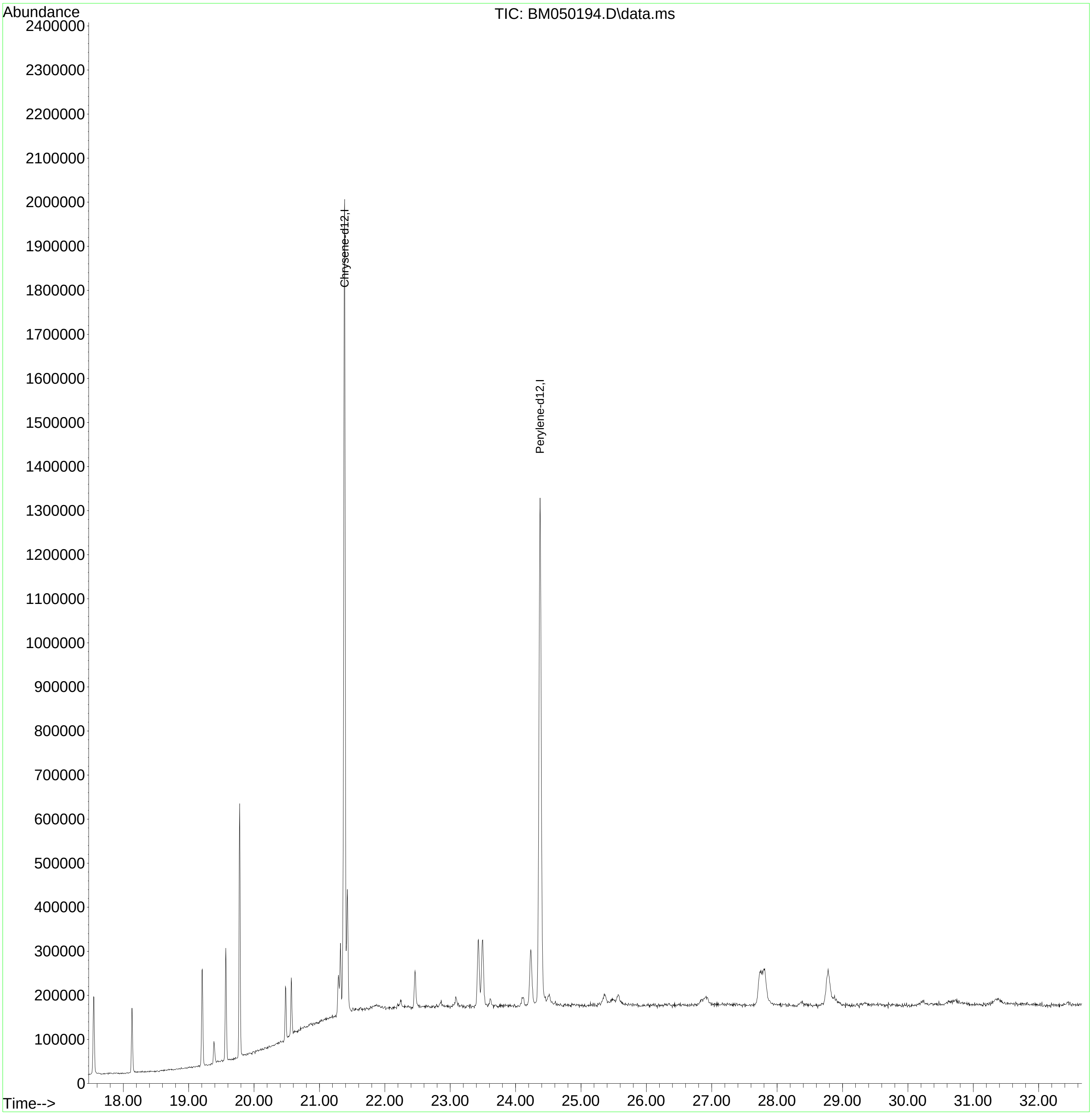


ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050194.D
Acq On : 05 Jun 2025 09:20
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 05 15:11:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



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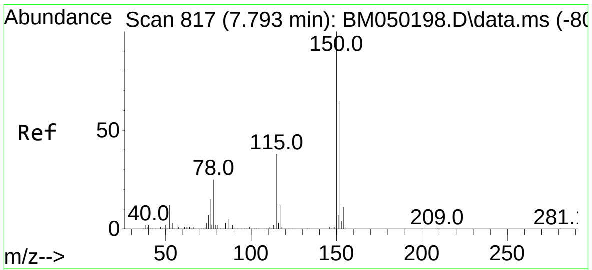
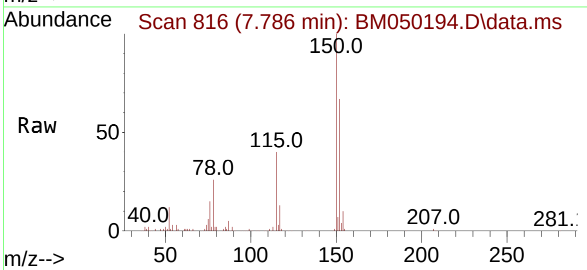
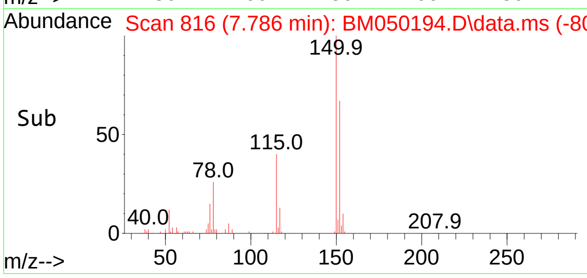




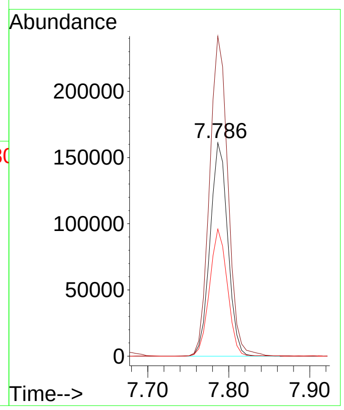


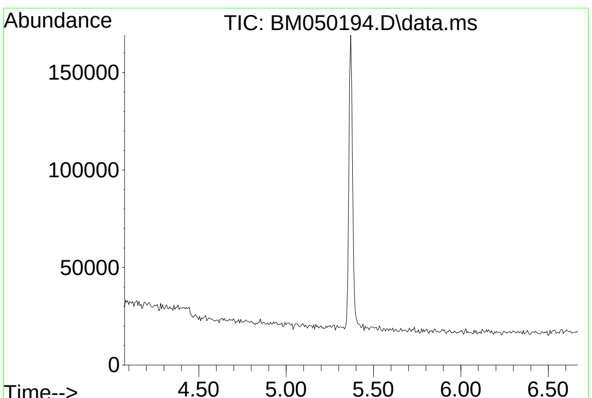
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.007 min
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 244555

Ion	Ratio	Lower	Upper
152	100		
150	150.0	122.2	183.4
115	59.6	46.3	69.5



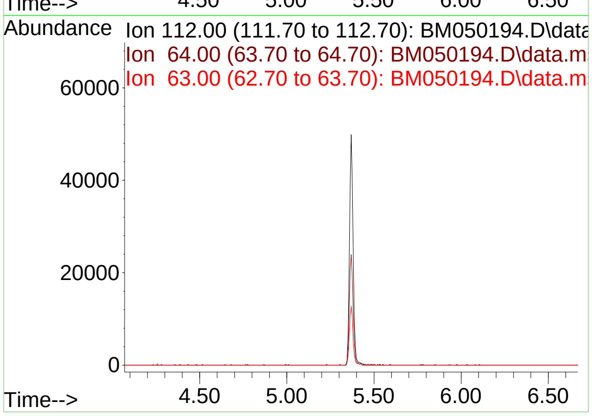


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.37 min

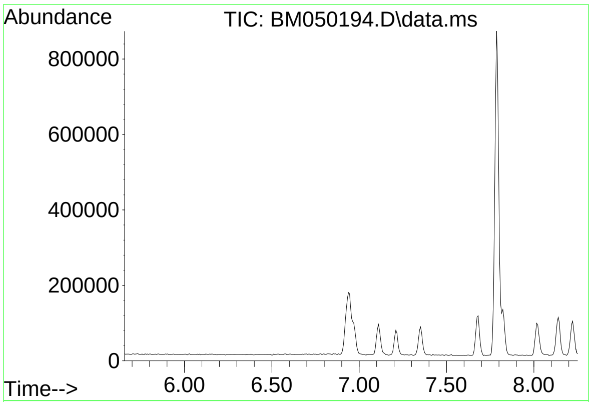
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

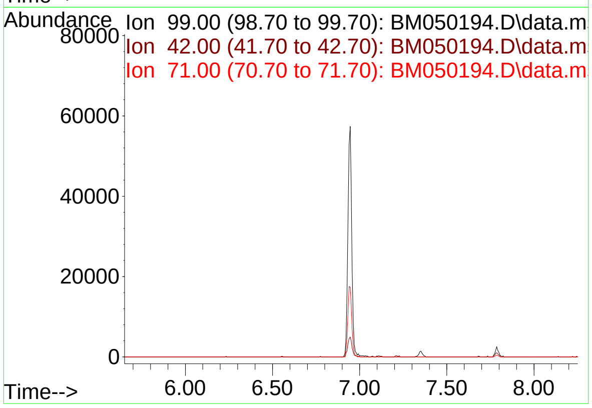
Tgt Ion: 112

Sig	Exp Ratio
112	100
64	49.7
63	24.8



ICAL Form





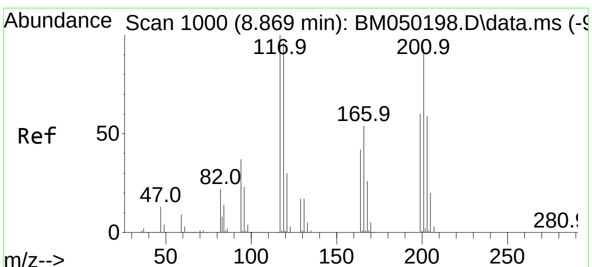
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.95 min

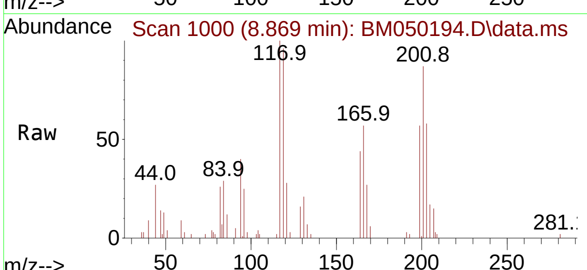
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

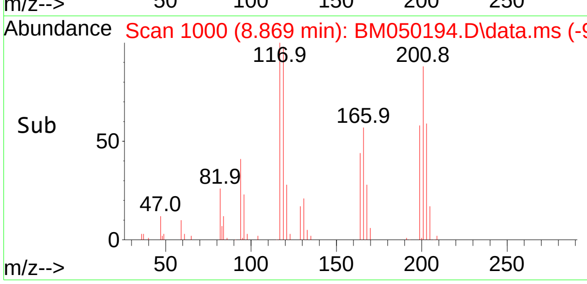
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	8.6
71	31.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5



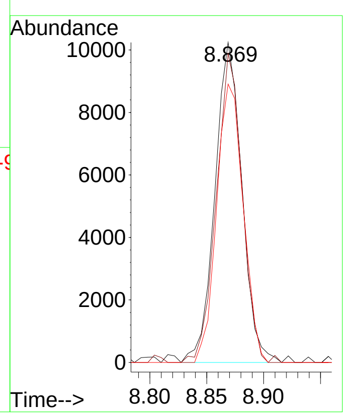




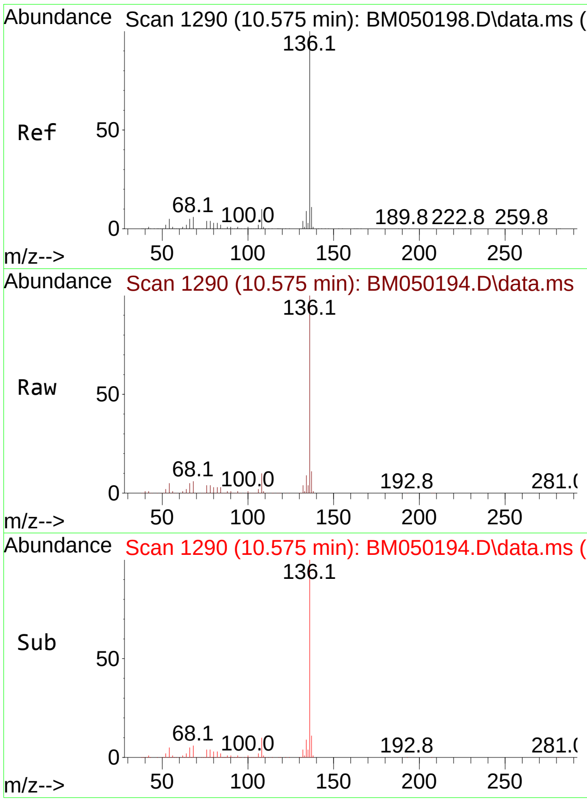
#18
Hexachloroethane
Concen: 2.490 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.001 min
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Tgt Ion:117 Resp: 16914

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.0	115.6
201	87.0	74.6	111.8



ICAL Form

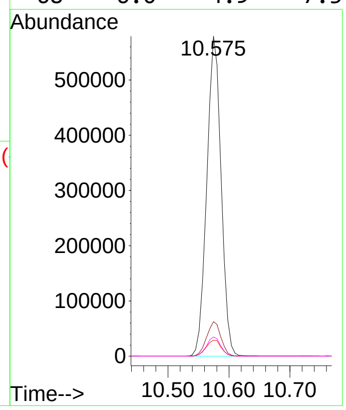


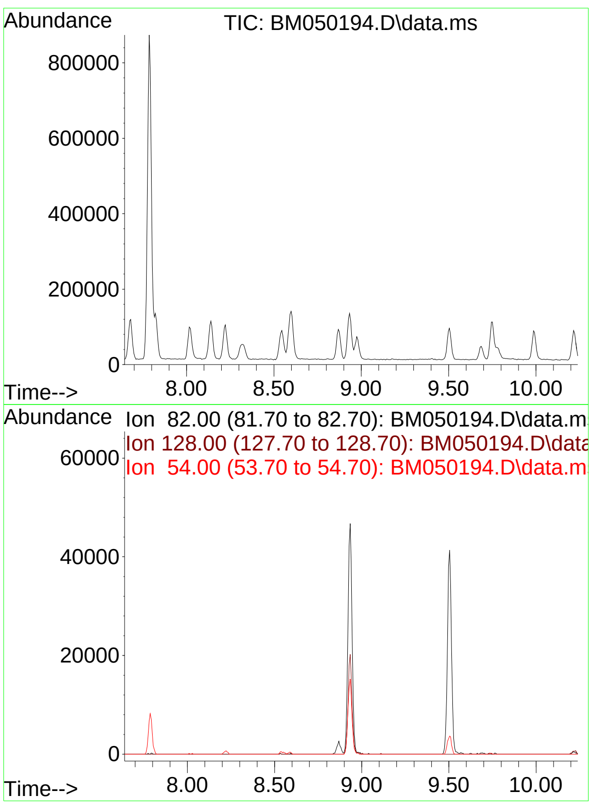
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1
Delta R.T.   -0.001 min
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 945759

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.0	3.8	5.8
68	6.0	4.9	7.3



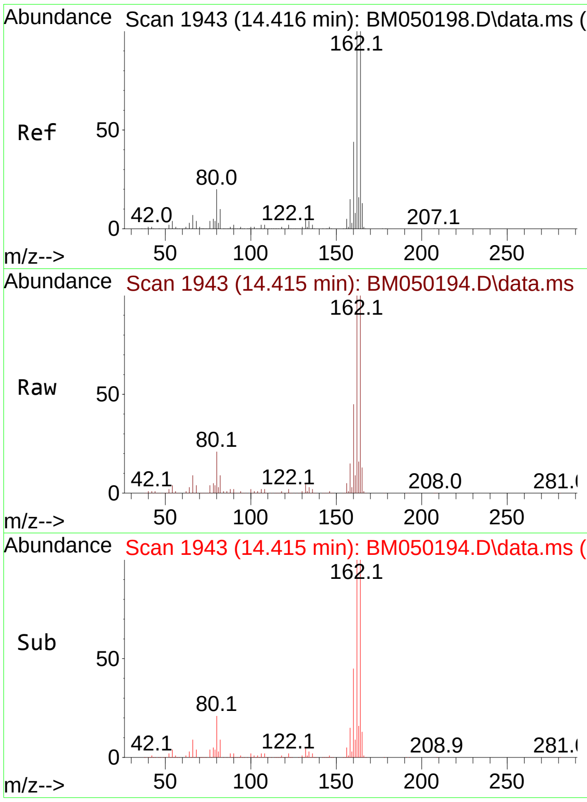


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.94 min

Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.0
54	30.6

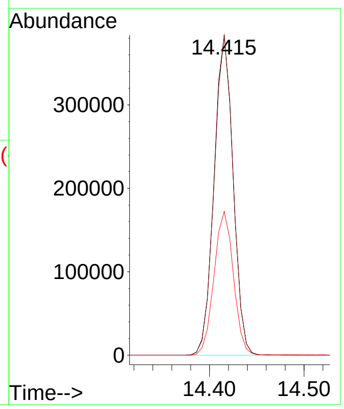


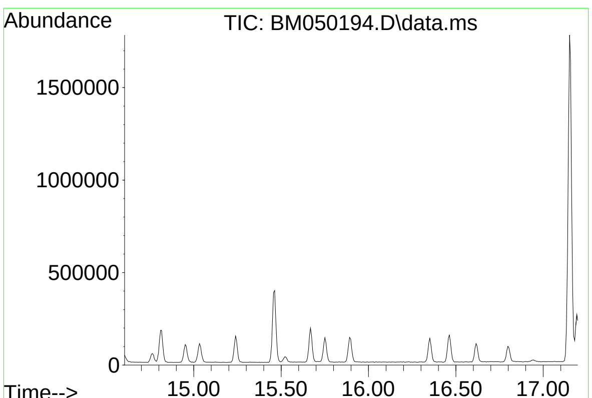
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1
Delta R.T.   -0.001 min
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 534696

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.4
160	45.0	35.7	53.5



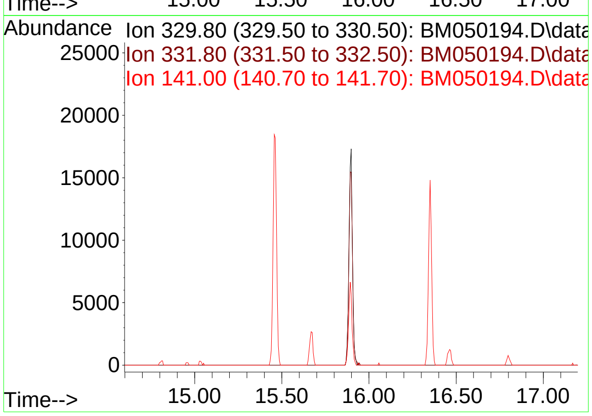


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.90 min

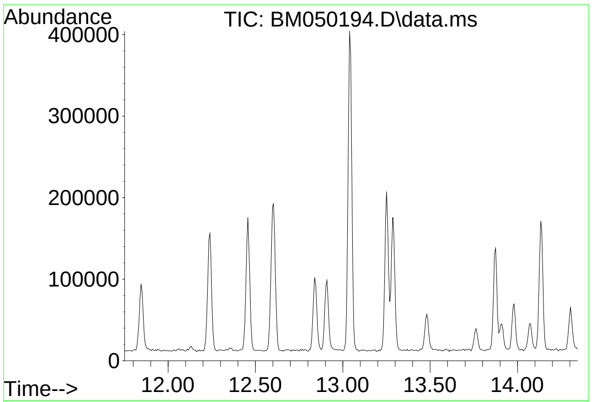
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.9
141	36.0



ICAL Form



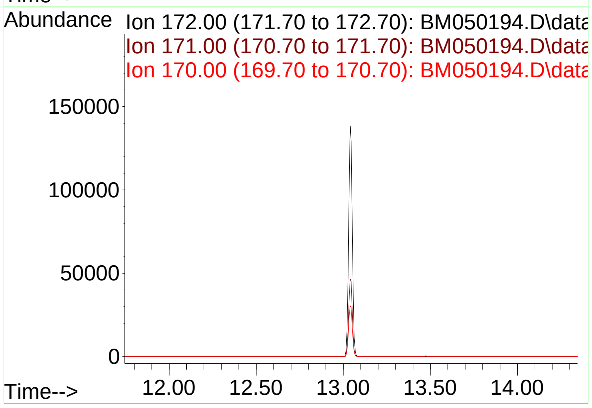
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.05 min

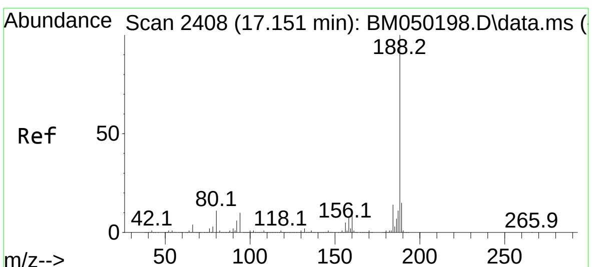
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

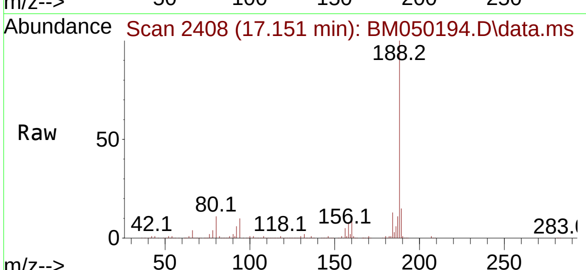
Tgt Ion: 172

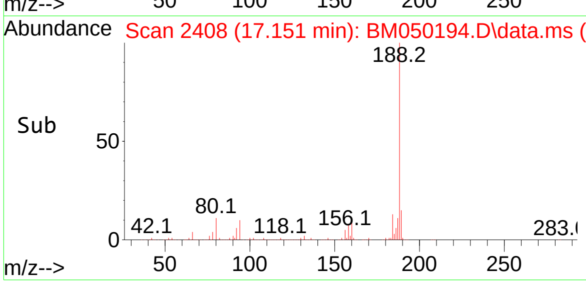
Sig	Exp Ratio
172	100
171	34.7
170	23.2

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5





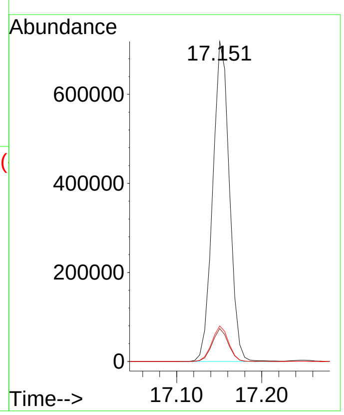




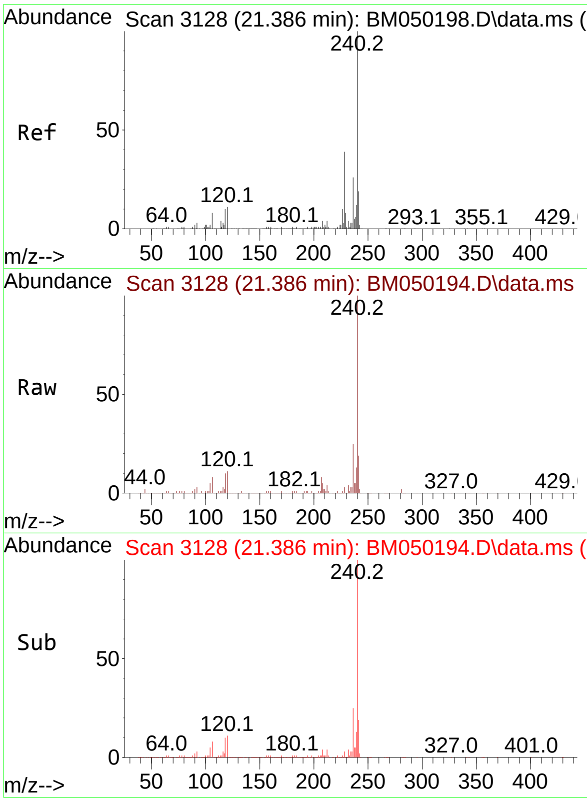
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.001 min
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Tgt Ion:188 Resp: 982061

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.1	8.6	13.0



ICAL Form

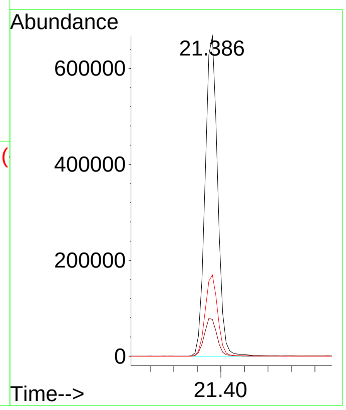


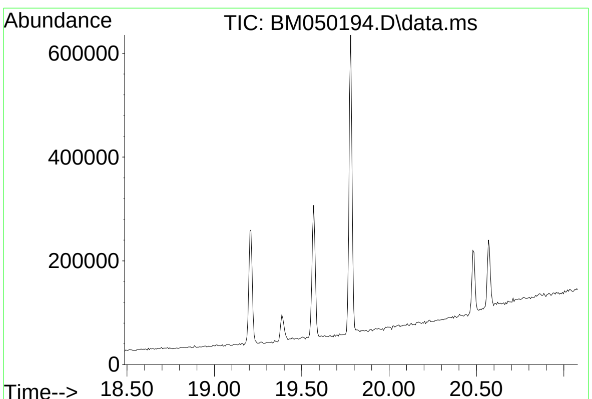
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T.   -0.001 min
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

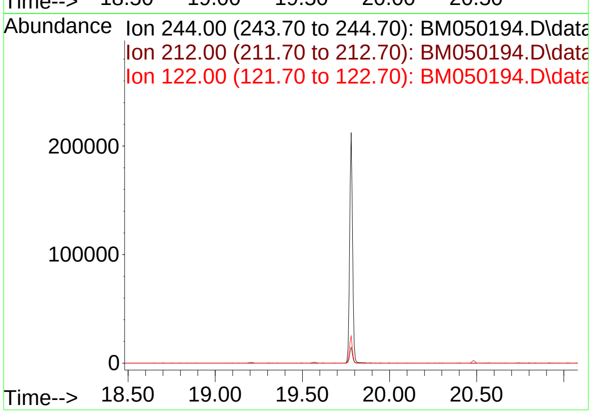
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 992954

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.4
236	25.4	20.7	31.1





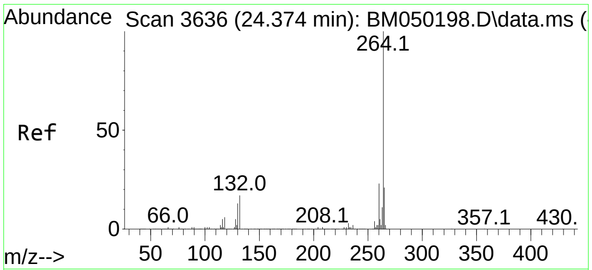


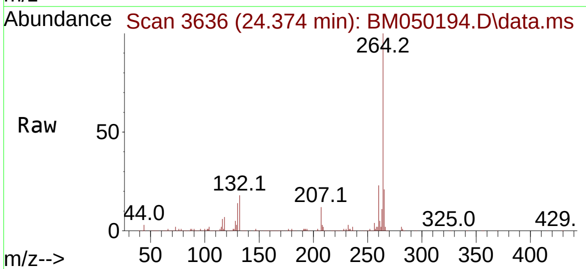
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.78 min

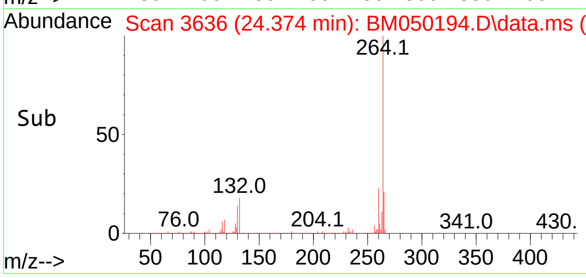
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.5
122	10.7





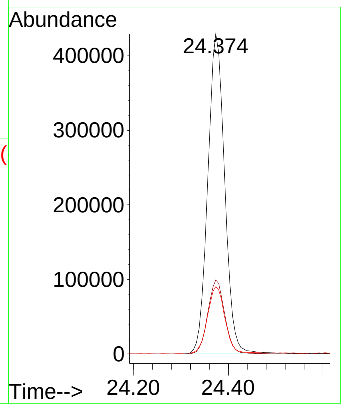


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3(
Delta R.T. -0.001 min
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1067519

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.0	16.8	25.2



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050195.D
Acq On : 05 Jun 2025 09:59
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Quant Time: Jun 05 15:12:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	231885	20.000 ng		0.00
21) Naphthalene-d8	10.575	136	935638	20.000 ng		0.00
39) Acenaphthene-d10	14.416	164	551980	20.000 ng		0.00
64) Phenanthrene-d10	17.151	188	1022508	20.000 ng		0.00
76) Chrysene-d12	21.386	240	964608	20.000 ng		0.00
86) Perylene-d12	24.374	264	941239	20.000 ng		0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	145075	10.436 ng		0.00
7) Phenol-d6	6.946	99	181940	9.943 ng		0.00
23) Nitrobenzene-d5	8.934	82	167883	9.332 ng		0.00
42) 2,4,6-Tribromophenol	15.892	330	57984	9.236 ng		0.00
45) 2-Fluorobiphenyl	13.039	172	438411	10.753 ng		0.00
79) Terphenyl-d14	19.780	244	553477	10.873 ng		0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	34616	5.681 ng		98
3) Pyridine	3.687	79	78460	4.972 ng		95
4) n-Nitrosodimethylamine	3.599	42	16377	5.019 ng	#	94
6) Aniline	7.110	93	117867	4.872 ng		99
8) 2-Chlorophenol	7.351	128	74751	4.889 ng		98
9) Benzaldehyde	6.922	77	67142m	5.771 ng		
10) Phenol	6.969	94	97004	5.010 ng		98
11) bis(2-Chloroethyl)ether	7.210	93	80951	5.198 ng		98
12) 1,3-Dichlorobenzene	7.681	146	87889	5.142 ng		98
13) 1,4-Dichlorobenzene	7.822	146	93841	5.276 ng		99
14) 1,2-Dichlorobenzene	8.140	146	87131	5.139 ng		99
15) Benzyl Alcohol	8.016	79	62171	4.764 ng		98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	58670	5.423 ng		97
17) 2-Methylphenol	8.222	107	62467	4.890 ng		99
18) Hexachloroethane	8.869	117	32689	5.075 ng		96
19) n-Nitroso-di-n-propyla...	8.587	70	54735	4.888 ng		98
20) 3+4-Methylphenols	8.545	107	79245	4.636 ng		98
22) Acetophenone	8.604	105	120380	5.150 ng	#	97
24) Nitrobenzene	8.975	77	77828	4.757 ng		98
25) Isophorone	9.504	82	151295	4.872 ng		99
26) 2-Nitrophenol	9.687	139	27114	3.839 ng		94
27) 2,4-Dimethylphenol	9.751	122	72768	5.010 ng		99
28) bis(2-Chloroethoxy)met...	9.992	93	99703	4.915 ng		100
29) 2,4-Dichlorophenol	10.216	162	61926	4.611 ng		99
30) 1,2,4-Trichlorobenzene	10.439	180	75854	5.076 ng		97
31) Naphthalene	10.628	128	259768	5.370 ng		99
33) 4-Chloroaniline	10.728	127	102387	4.964 ng		98
34) Hexachlorobutadiene	10.922	225	43914	4.940 ng		95
35) Caprolactam	11.463	113	17903	4.205 ng		87
36) 4-Chloro-3-methylphenol	11.845	107	68614	4.788 ng		94
37) 2-Methylnaphthalene	12.239	142	146149	5.008 ng		98
38) 1-Methylnaphthalene	12.457	142	158007	5.101 ng		97
40) 1,2,4,5-Tetrachloroben...	12.604	216	80884	5.075 ng		99
41) Hexachlorocyclopentadiene	12.598	237	40674	4.202 ng		97
43) 2,4,6-Trichlorophenol	12.839	196	47806	4.561 ng		100
44) 2,4,5-Trichlorophenol	12.910	196	51196	4.449 ng		96

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050195.D
Acq On : 05 Jun 2025 09:59
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 05 15:12:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46) 1,1'-Biphenyl	13.251	154	218302	5.282 ng		99
47) 2-Chloronaphthalene	13.286	162	168466	5.243 ng		96
48) 2-Nitroaniline	13.480	65	27545	3.895 ng		83
49) Acenaphthylene	14.133	152	257055	4.946 ng		99
50) Dimethylphthalate	13.875	163	184777	4.950 ng		99
51) 2,6-Dinitrotoluene	13.980	165	28146	3.739 ng		88
52) Acenaphthene	14.480	154	167876	5.164 ng		97
53) 3-Nitroaniline	14.304	138	31831	3.794 ng	#	88
55) Dibenzofuran	14.810	168	245911	5.171 ng		99
56) 4-Nitrophenol	14.604	139	27420	3.840 ng		97
57) 2,4-Dinitrotoluene	14.763	165	34457	3.470 ng		87
58) Fluorene	15.463	166	195018	5.354 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.033	232	46644m	4.685 ng		
60) Diethylphthalate	15.239	149	181363	4.897 ng		98
61) 4-Chlorophenyl-phenyle...	15.463	204	93141	5.291 ng		98
62) 4-Nitroaniline	15.463	138	29436	3.743 ng		99
63) Azobenzene	15.751	77	185154	5.001 ng		96
66) n-Nitrosodiphenylamine	15.669	169	161093	5.014 ng		99
67) 4-Bromophenyl-phenylether	16.351	248	52965	4.857 ng		99
68) Hexachlorobenzene	16.463	284	63698	5.000 ng		98
69) Atrazine	16.616	200	42483	4.150 ng		96
70) Pentachlorophenol	16.798	266	33971	4.101 ng		95
71) Phenanthrene	17.192	178	316683	5.421 ng		99
72) Anthracene	17.286	178	298346	5.106 ng		99
73) Carbazole	17.545	167	266214	5.001 ng		99
74) Di-n-butylphthalate	18.133	149	255200	4.406 ng		99
75) Fluoranthene	19.209	202	301599	4.896 ng		99
78) Pyrene	19.568	202	320928	4.936 ng		99
80) Butylbenzylphthalate	20.480	149	77663	3.581 ng		92
81) Benzo(a)anthracene	21.368	228	306613	5.022 ng		98
82) 3,3'-Dichlorobenzidine	21.286	252	64021	3.438 ng		94
83) Chrysene	21.427	228	297925	5.130 ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	126652	3.791 ng	#	97
85) Di-n-octyl phthalate	22.462	149	154664	3.120 ng	#	97
87) Indeno(1,2,3-cd)pyrene	27.732	276	279736	4.616 ng	#	90
88) Benzo(b)fluoranthene	23.433	252	259803	4.748 ng		99
89) Benzo(k)fluoranthene	23.492	252	268597	4.808 ng		99
90) Benzo(a)pyrene	24.233	252	233858	4.545 ng		99
91) Dibenzo(a,h)anthracene	27.809	278	224374	4.561 ng		98
92) Benzo(g,h,i)perylene	28.779	276	235785	4.789 ng		99

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

Quantitation Report (QT Reviewed)

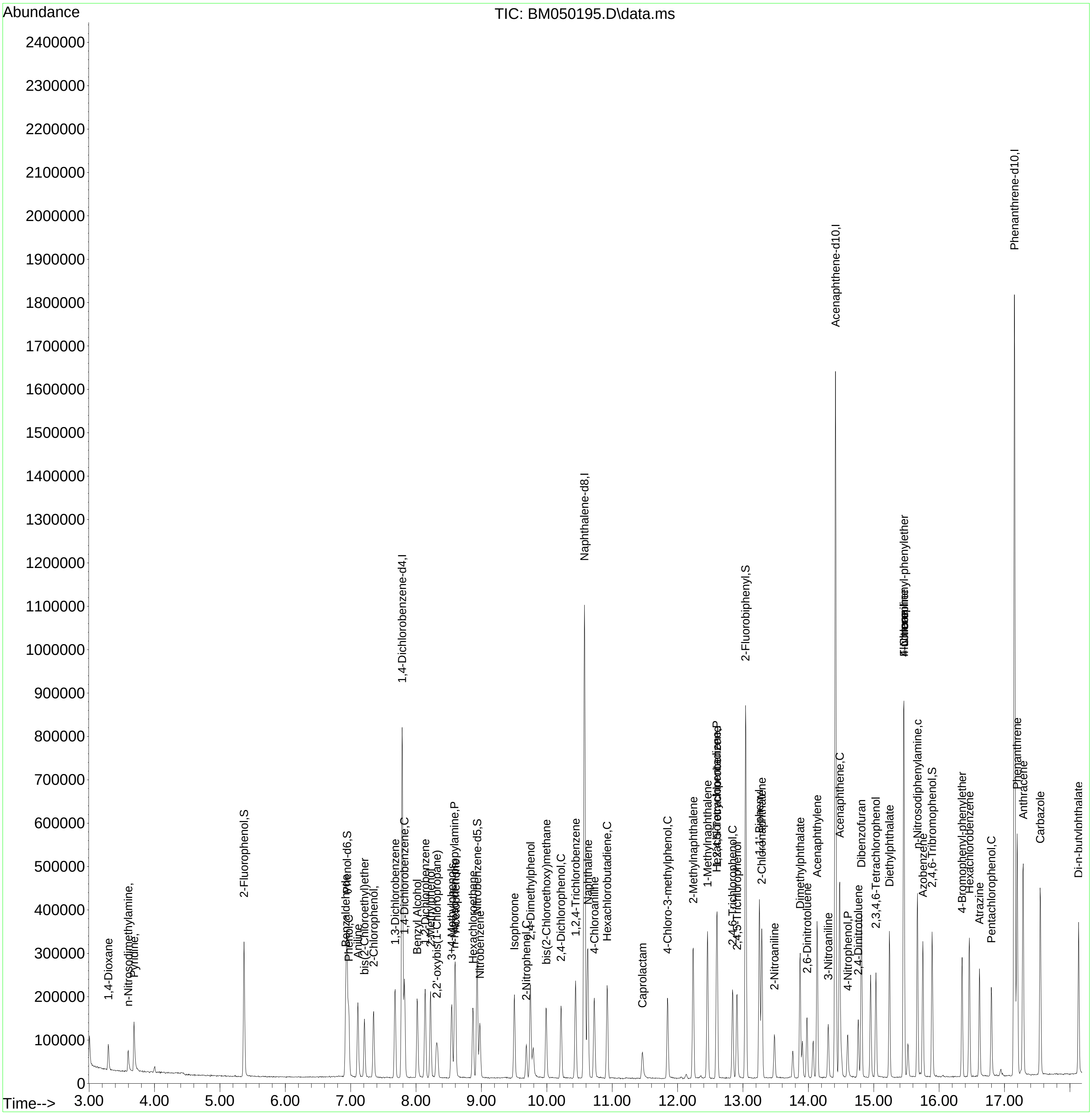
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050195.D
Acq On : 05 Jun 2025 09:59
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

Quant Time: Jun 05 15:12:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



ICAL Form

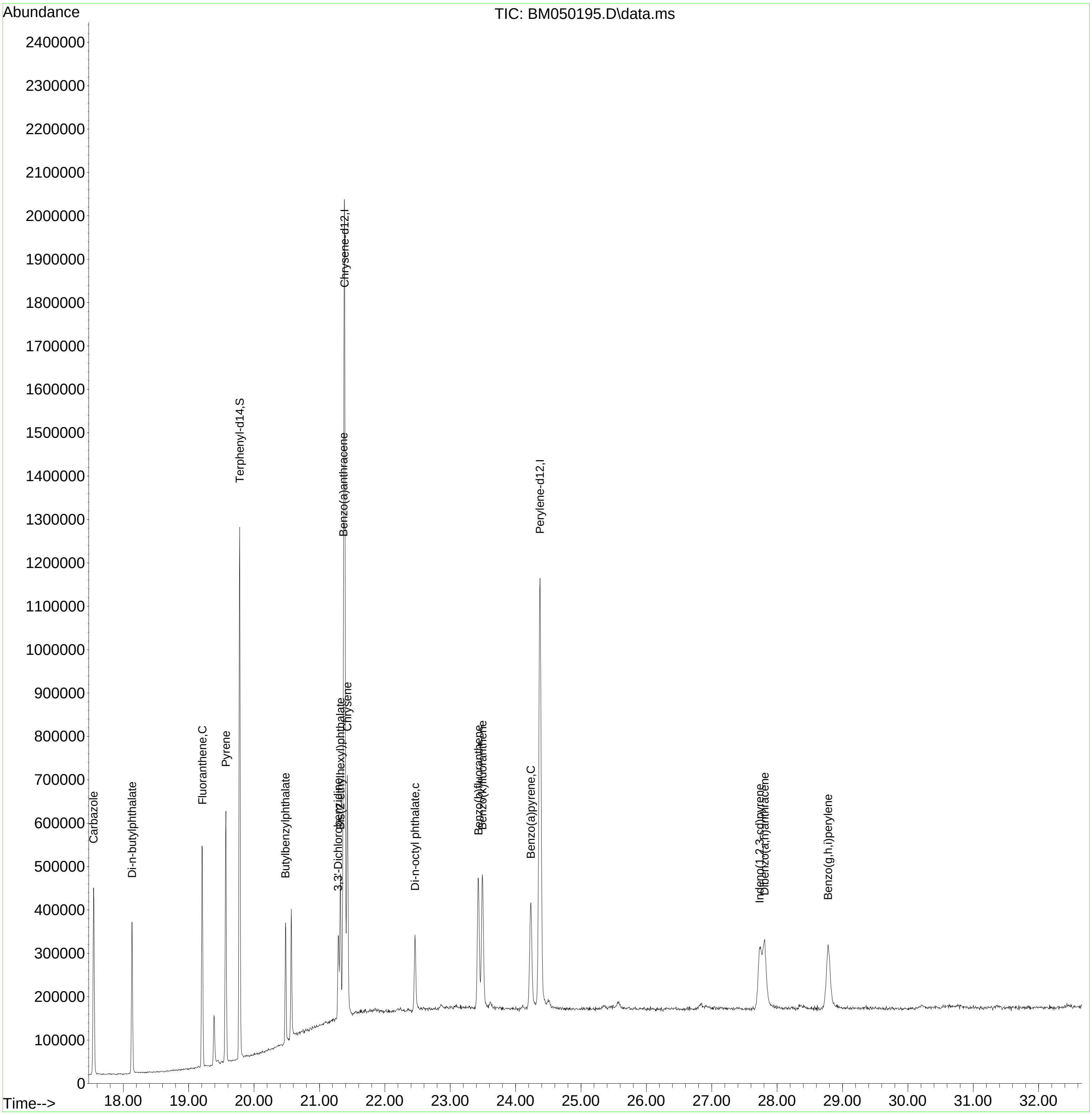
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050195.D
Acq On : 05 Jun 2025 09:59
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

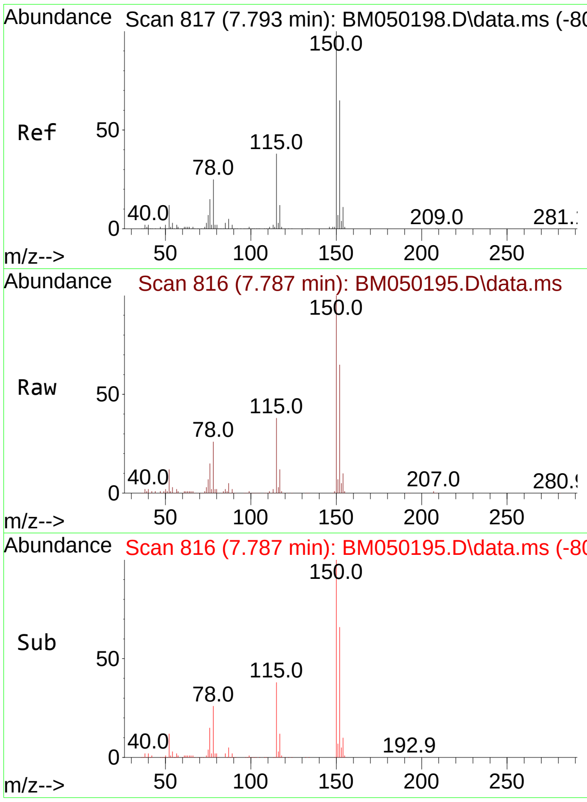
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

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

Quant Time: Jun 05 15:12:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min   Scan# 8
Delta R.T.   -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025   09:59

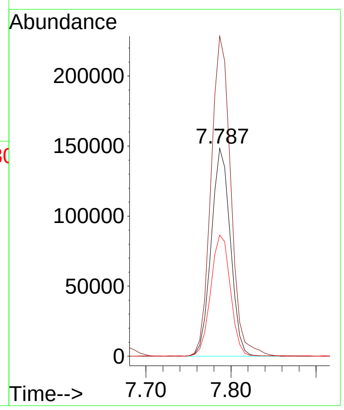
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

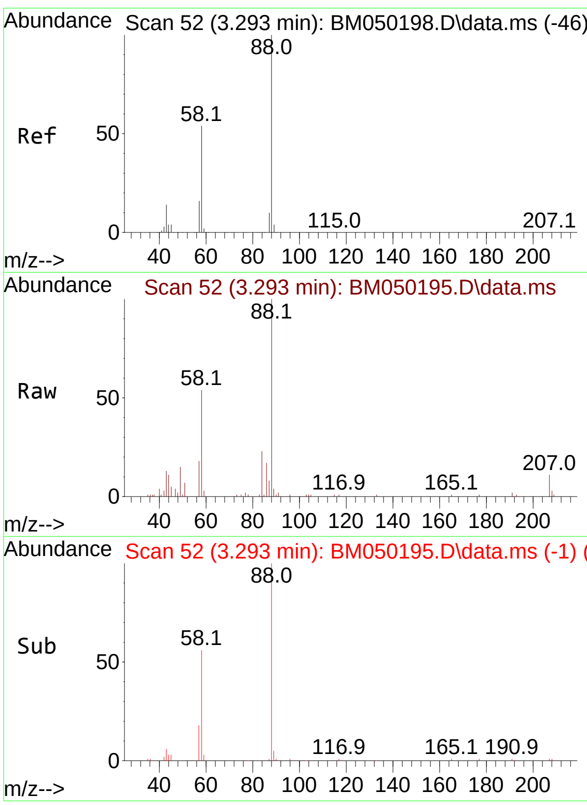
Tgt Ion:152 Resp: 23188

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.2	183.4
115	58.3	46.3	69.5

Manual Integrations APPROVED

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

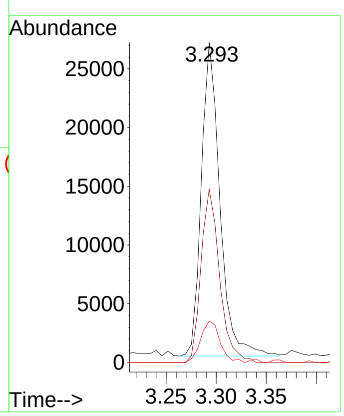




#2
1,4-Dioxane
Concen: 5.681 ng
RT: 3.293 min   Scan# 52
Delta R.T.   -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025   09:59

Tgt Ion: 88 Resp: 34616

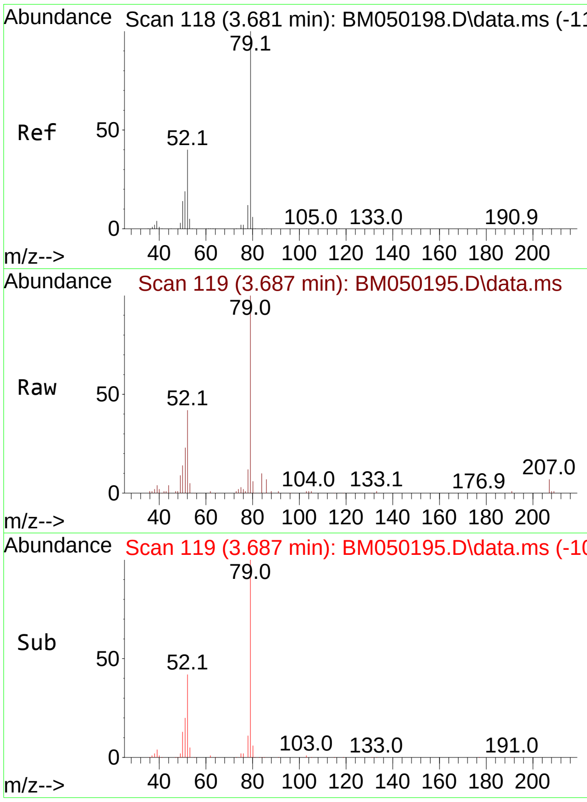
Ion	Ratio	Lower	Upper
88	100		
58	55.0	42.9	64.3
43	13.7	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

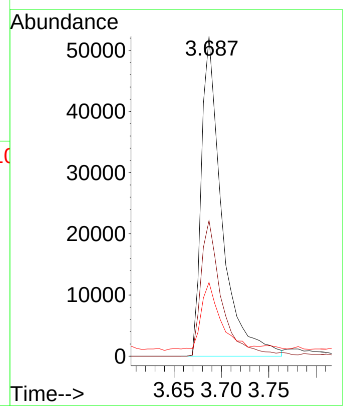
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

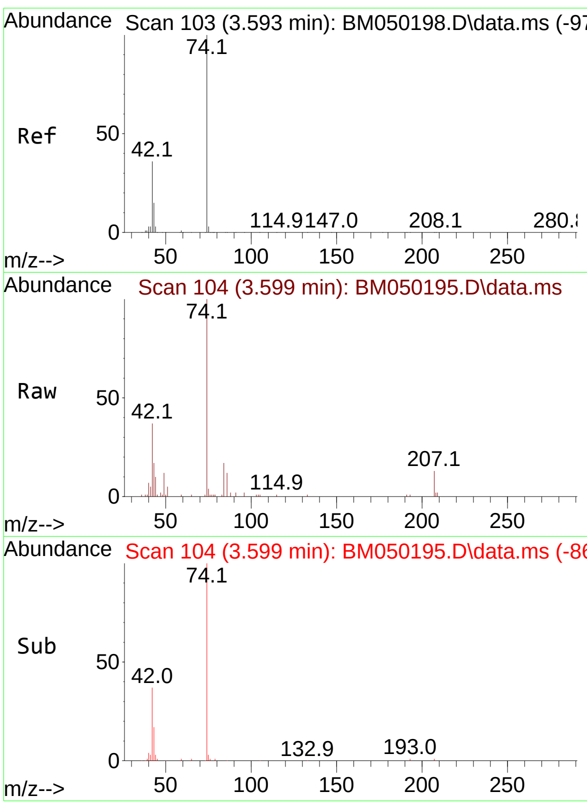


#3
Pyridine
Concen: 4.972 ng
RT: 3.687 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 79 Resp: 7846

Ion	Ratio	Lower	Upper
79	100		
52	42.5	32.1	48.1
51	23.0	15.4	23.0

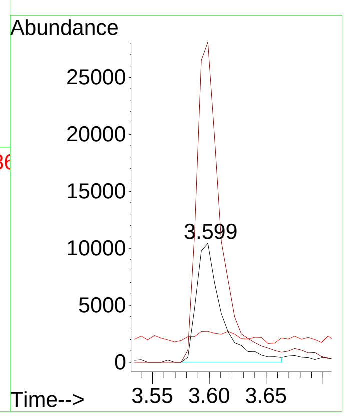




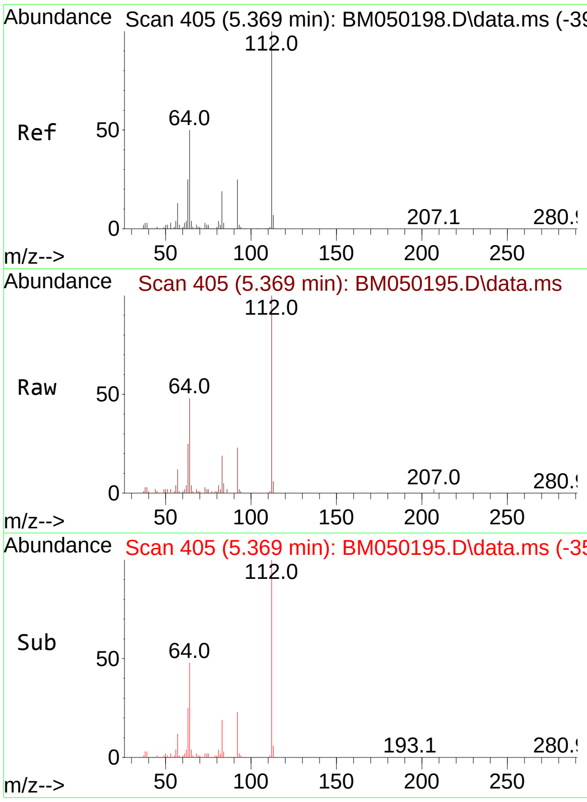
#4
n-Nitrosodimethylamine
Concen: 5.019 ng
RT: 3.599 min Scan# 104
Delta R.T. 0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 42 Resp: 16377

Ion	Ratio	Lower	Upper
42	100		
74	269.3	222.0	333.0
44	25.9	7.0	10.6#



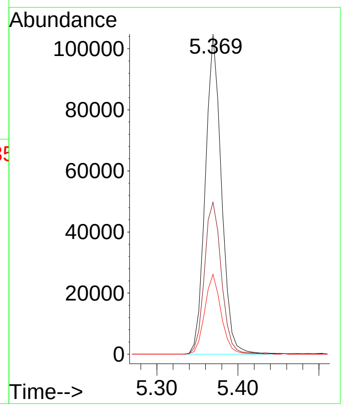
ICAL Form



#5
2-Fluorophenol
Concen: 10.436 ng
RT: 5.369 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:112 Resp: 145075

Ion	Ratio	Lower	Upper
112	100		
64	47.5	39.8	59.6
63	25.0	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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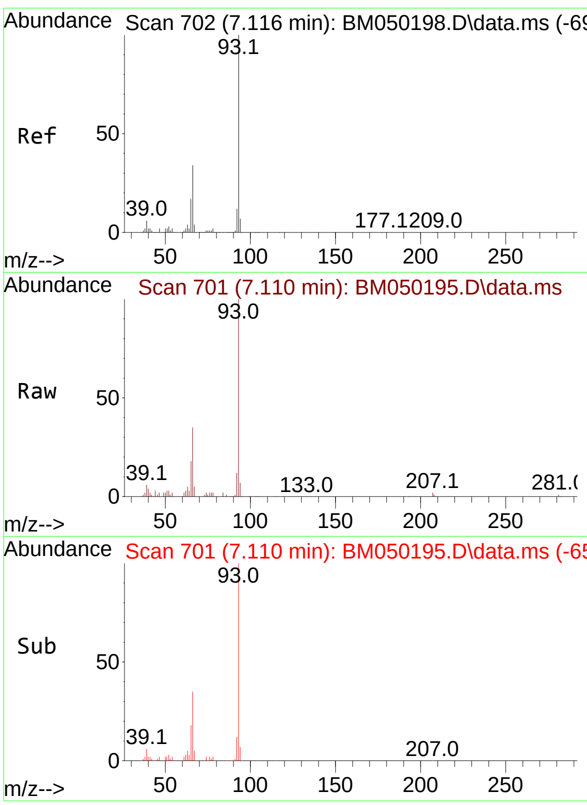
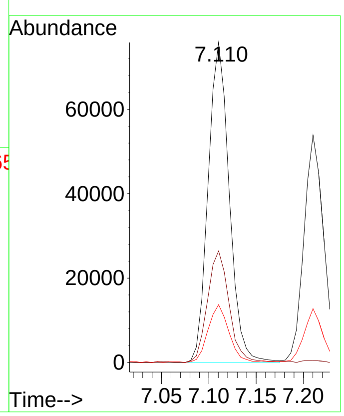
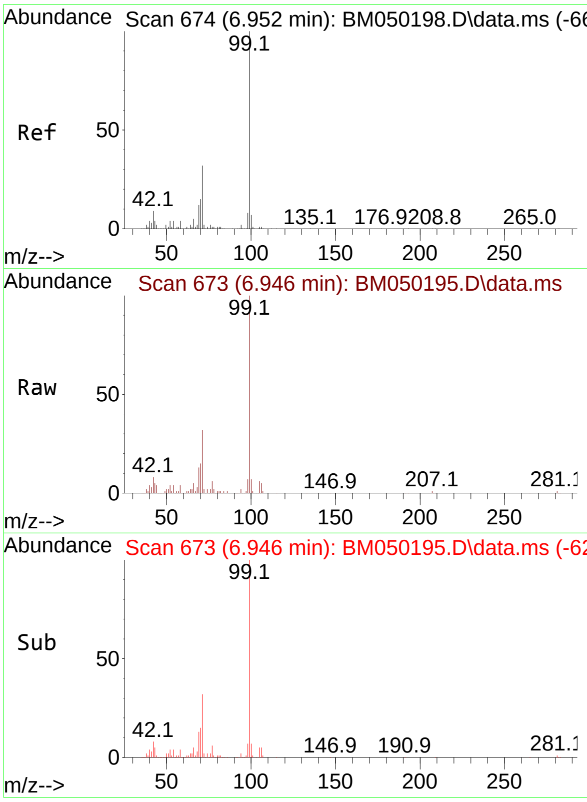


#6
Aniline
Concen: 4.872 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 93 Resp: 117867

Ion	Ratio	Lower	Upper
93	100		
66	34.8	27.4	41.2
65	18.1	13.6	20.4





#7
Phenol-d6
Concen: 9.943 ng
RT: 6.946 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 99 Resp: 18194

Ion	Ratio	Lower	Upper
99	100		
42	8.4	6.9	10.3
71	31.7	25.3	37.9

Instrument :
BNA_M
ClientSampleId :
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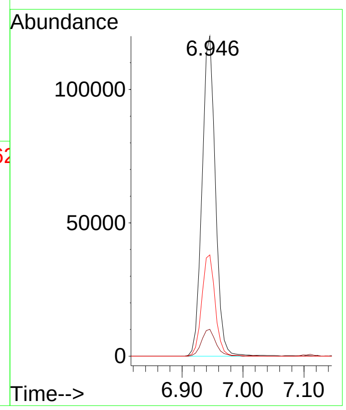
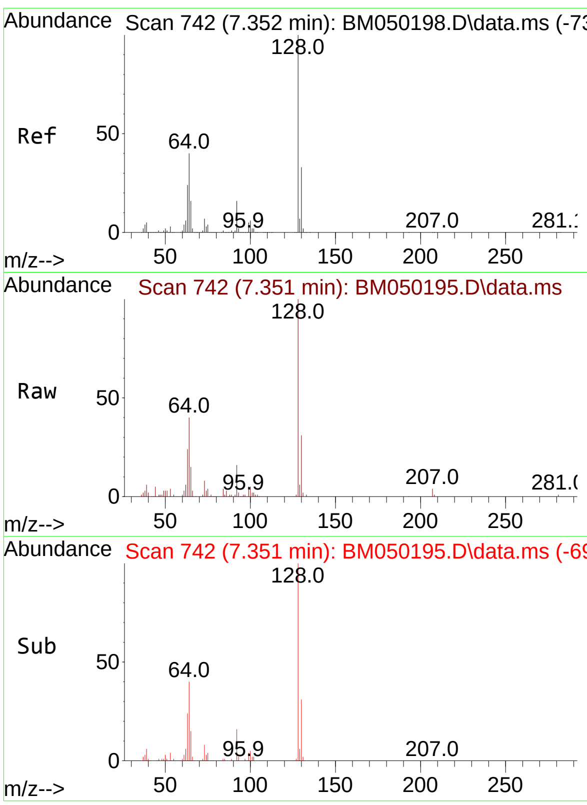
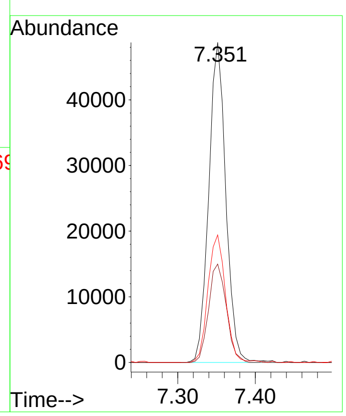




#8
2-Chlorophenol
Concen: 4.889 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:128 Resp: 74751

Ion	Ratio	Lower	Upper
128	100		
130	30.7	12.6	52.6
64	39.9	19.8	59.8



Instrument :
BNA_M
ClientSampleId :
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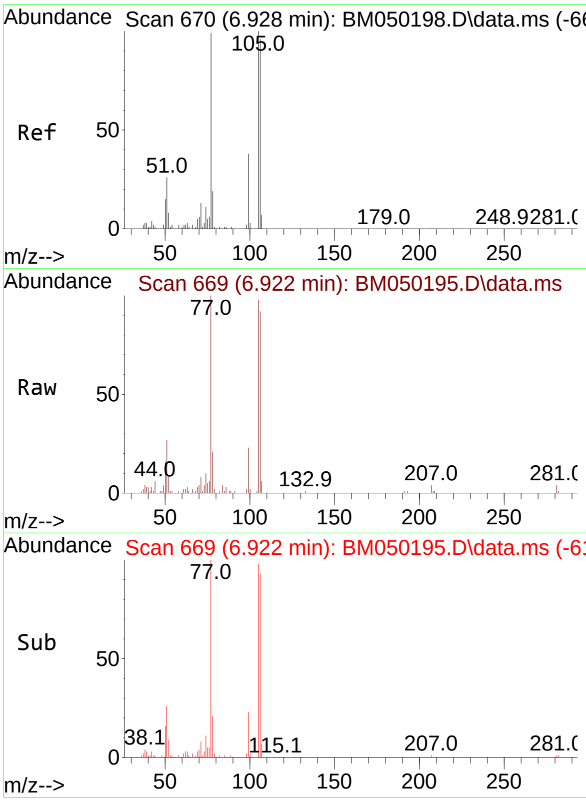
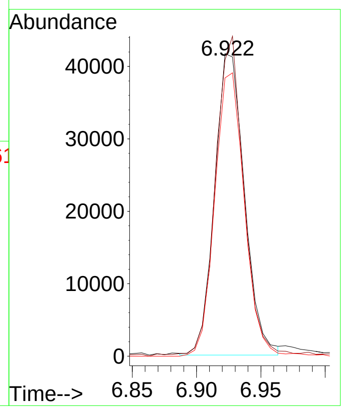
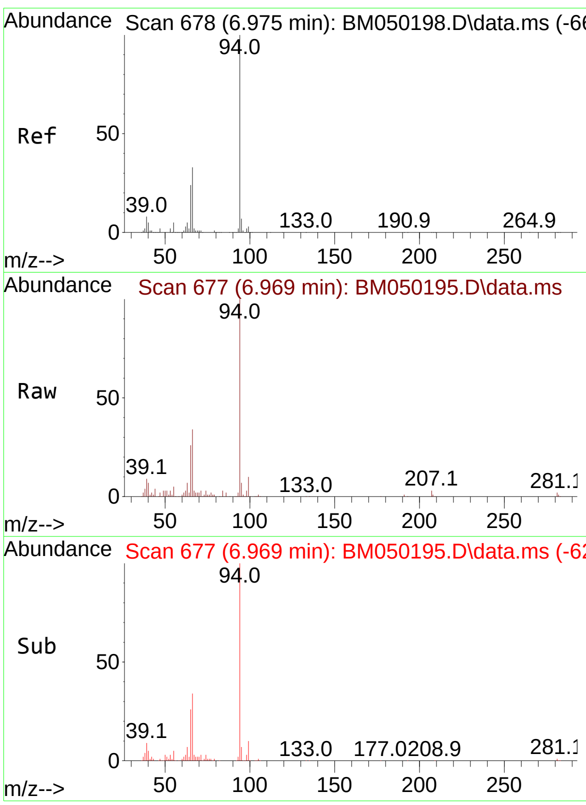


#9
Benzaldehyde
Concen: 5.771 ng m
RT: 6.922 min Scan# 66
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 77 Resp: 67142

Ion	Ratio	Lower	Upper
77	100		
105	97.9	80.9	120.9
106	92.0	77.1	117.1

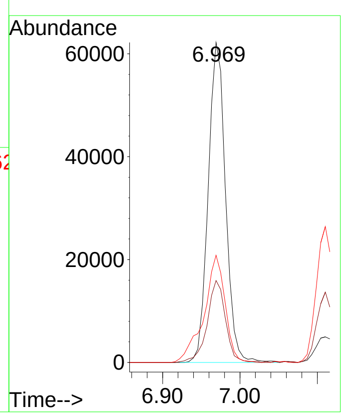


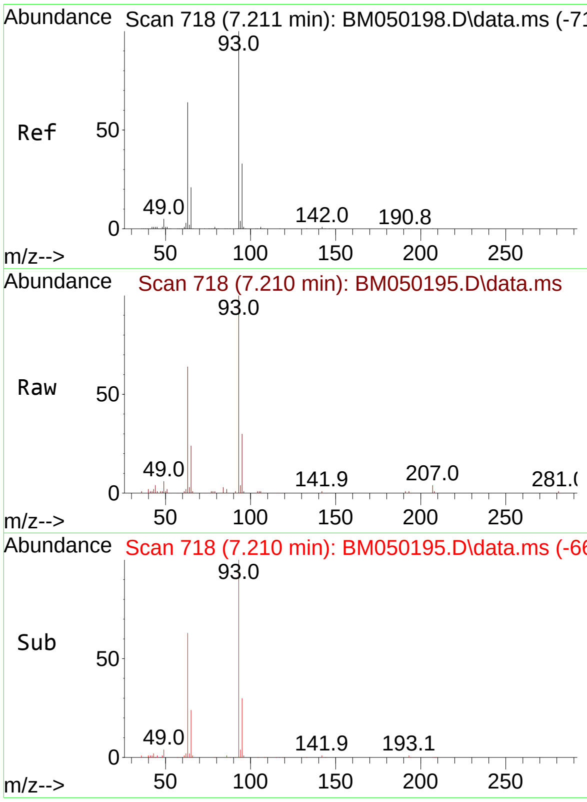


#10
Phenol
Concen: 5.010 ng
RT: 6.969 min Scan# 677
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 94 Resp: 97004

Ion	Ratio	Lower	Upper
94	100		
65	25.6	4.3	44.3
66	33.5	12.9	52.9

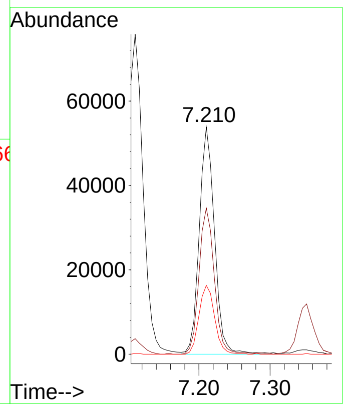




#11
bis(2-Chloroethyl)ether
Concen: 5.198 ng
RT: 7.210 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 93 Resp: 8095

Ion	Ratio	Lower	Upper
93	100		
63	64.3	43.9	83.9
95	30.3	12.7	52.7



Instrument : BNA_M
ClientSampleId : SSTDICC005

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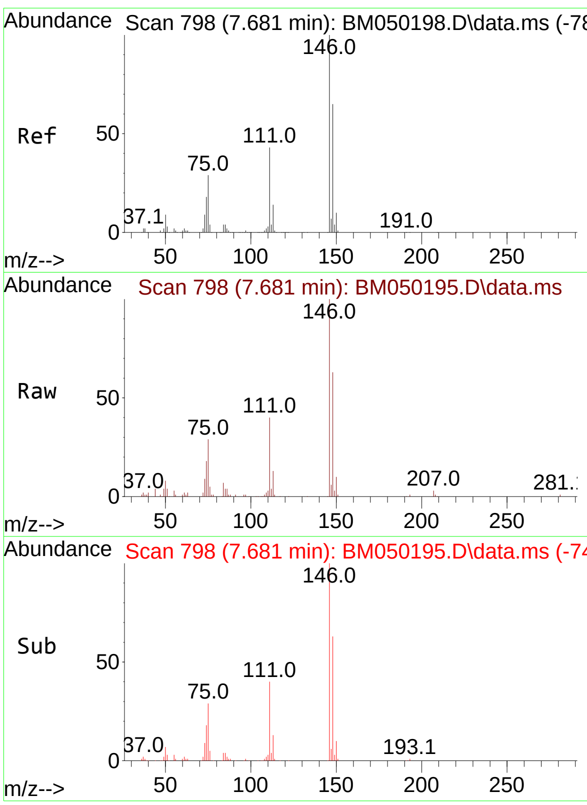
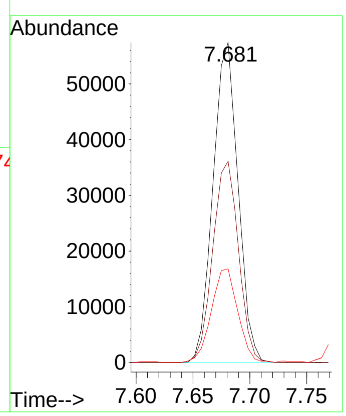


#12
1,3-Dichlorobenzene
Concen: 5.142 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:146 Resp: 87889

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.9	77.9
75	29.3	23.4	35.0



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Instrument :
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ClientSampleId :
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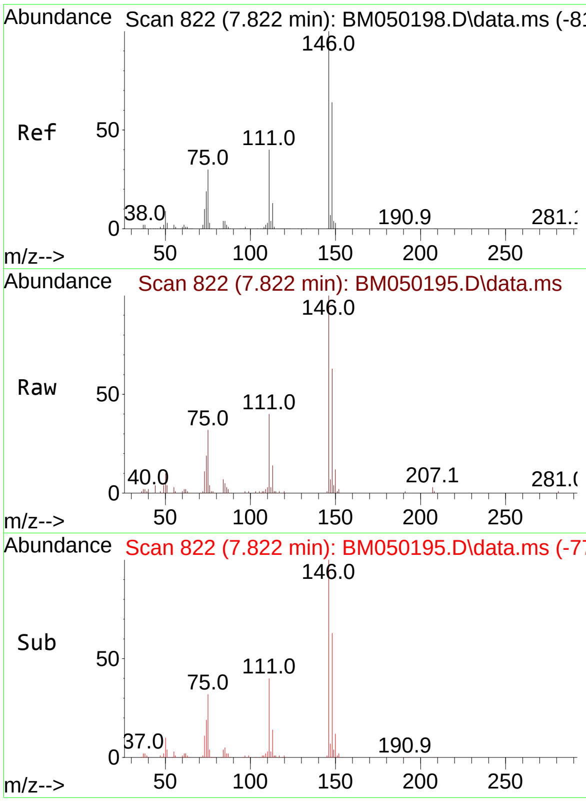
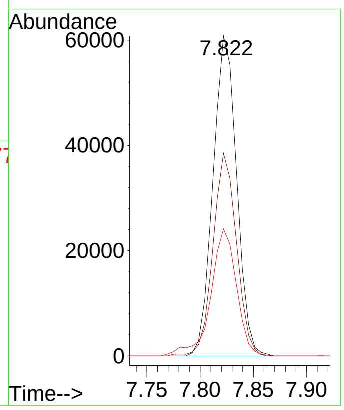
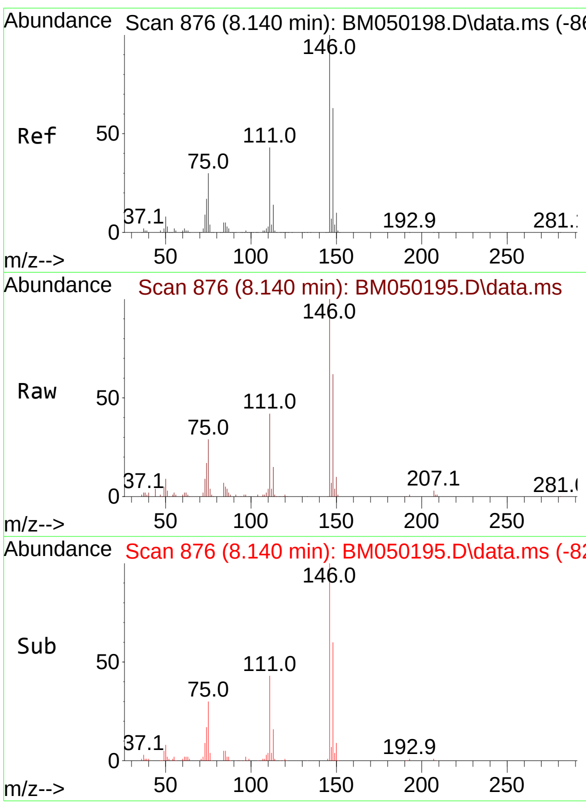


#13
1,4-Dichlorobenzene
Concen: 5.276 ng
RT: 7.822 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:146 Resp: 9384

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
111	39.7	32.3	48.5

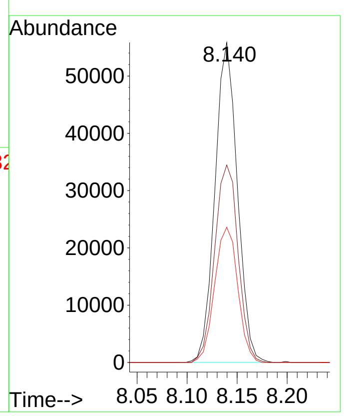




#14
1,2-Dichlorobenzene
Concen: 5.139 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:146 Resp: 87131

Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.4	75.6
111	42.2	34.3	51.5



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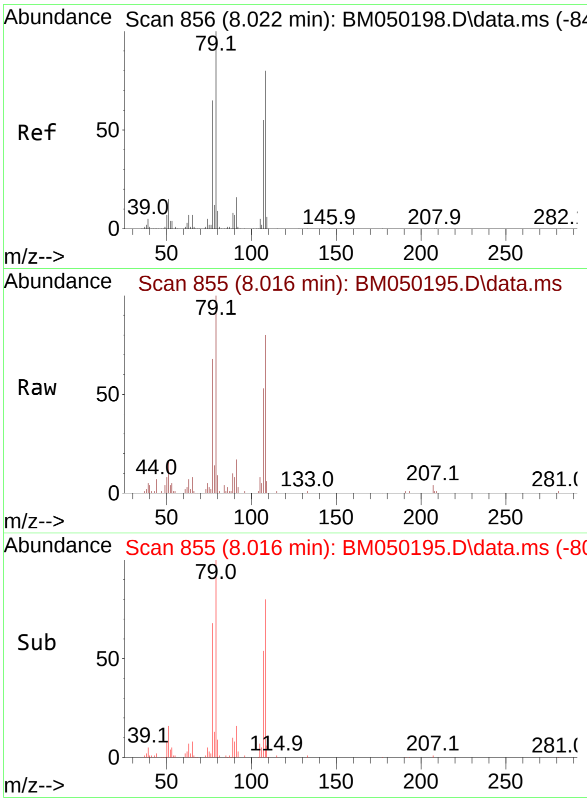

#15
Benzyl Alcohol
Concen: 4.764 ng
RT: 8.016 min Scan# 8!
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 79 Resp: 6217

Ion	Ratio	Lower	Upper
79	100		
108	79.7	64.0	96.0
77	68.5	52.2	78.2

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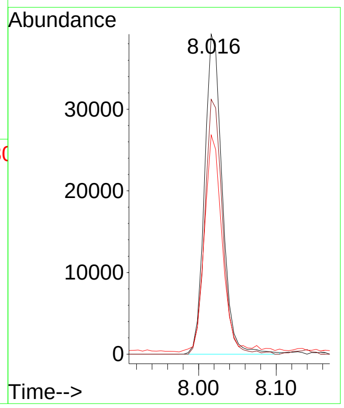
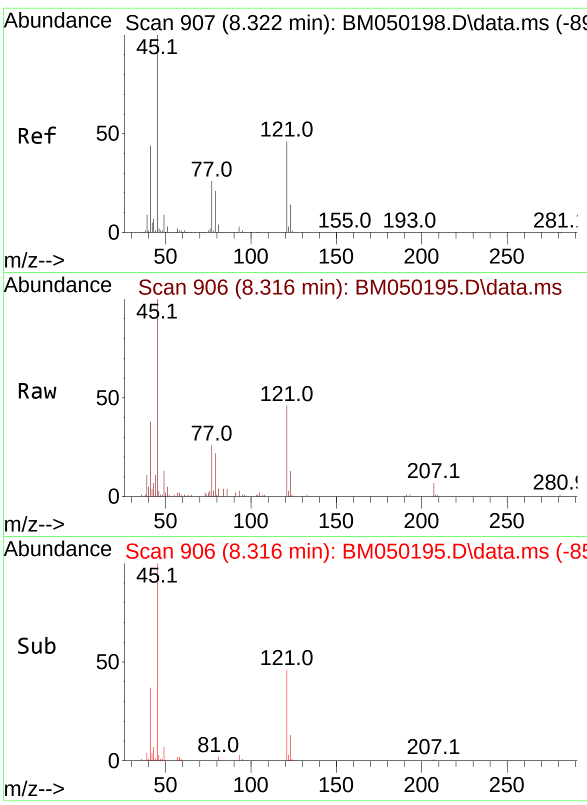
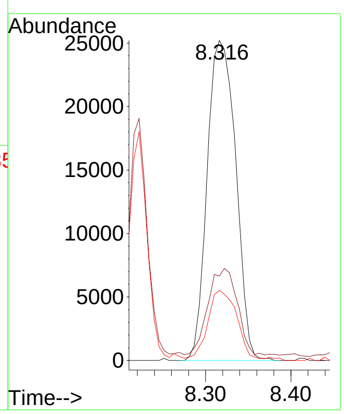




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.423 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 45 Resp: 58670

Ion	Ratio	Lower	Upper
45	100		
77	26.4	8.7	48.7
79	21.9	2.7	42.7



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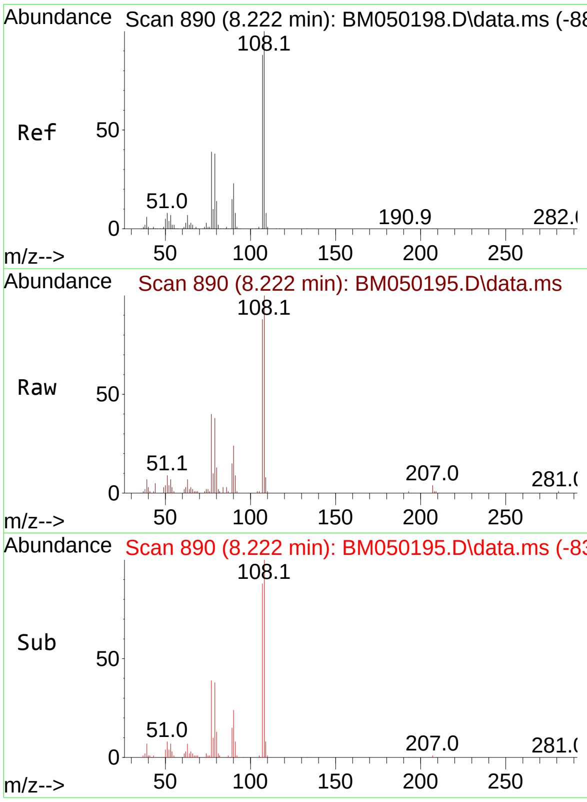
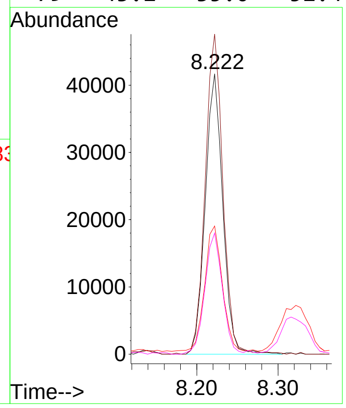


#17
2-Methylphenol
Concen: 4.890 ng
RT: 8.222 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:107 Resp: 6246

Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.8	136.2
77	45.7	35.7	53.5
79	43.2	35.0	52.4



Instrument :
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ClientSampleId :
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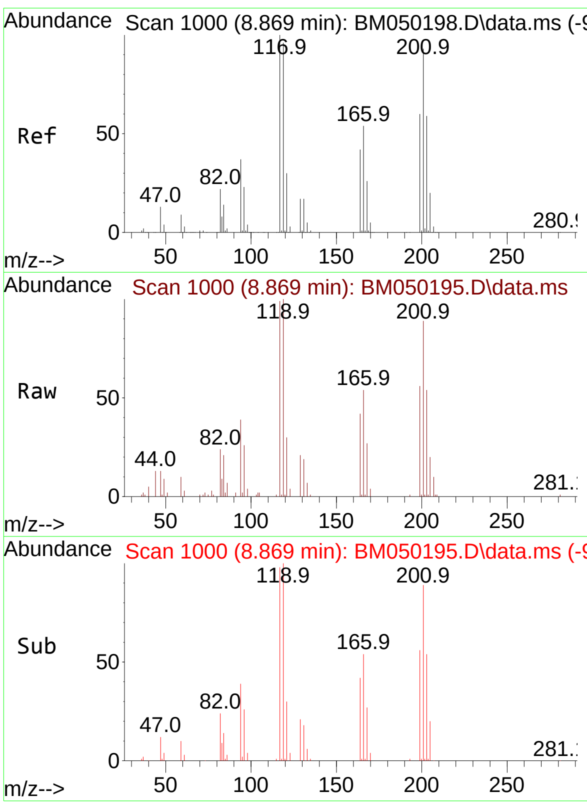
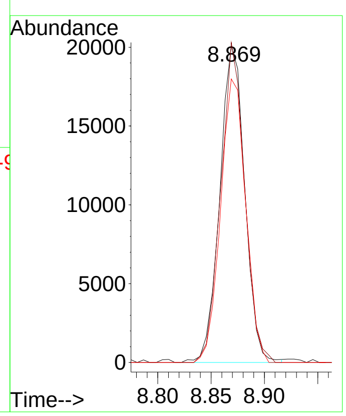
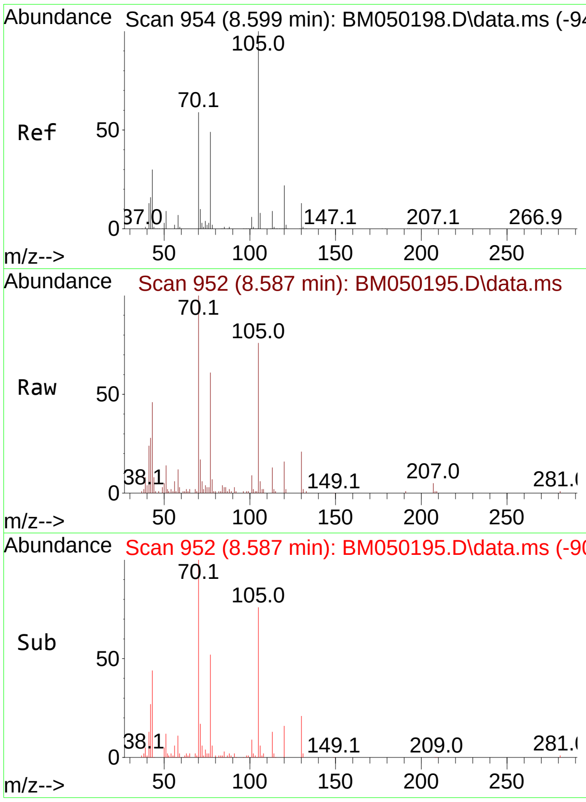


#18
Hexachloroethane
Concen: 5.075 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:117 Resp: 32689

Ion	Ratio	Lower	Upper
117	100		
119	101.1	77.0	115.6
201	89.6	74.6	111.8





#19
n-Nitroso-di-n-propylamine
Concen: 4.888 ng
RT: 8.587 min   Scan# 9
Delta R.T.   -0.012 min
Lab File: BM050195.D
Acq: 05 Jun 2025   09:59

Instrument :
BNA_M
ClientSampleId :
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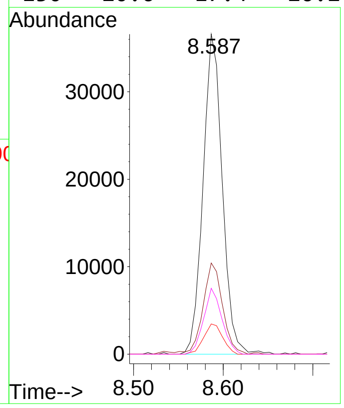
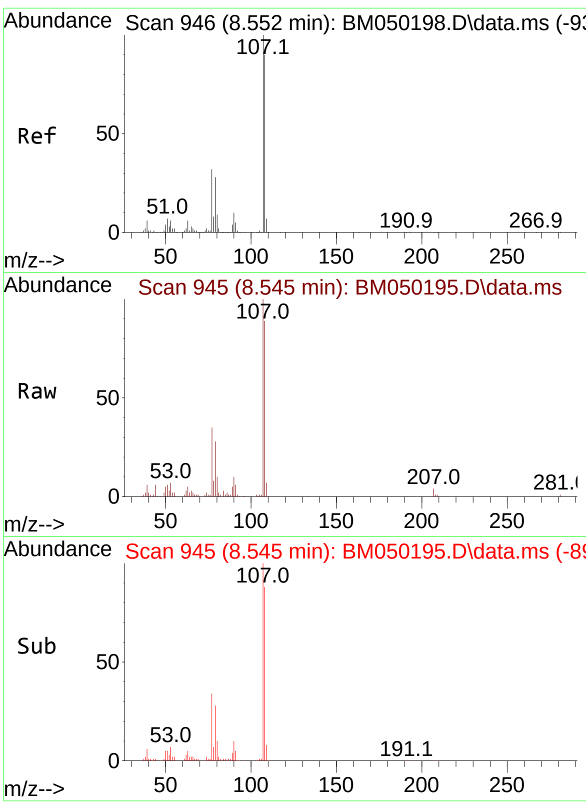
Tgt Ion: 70 Resp: 5473

Ion	Ratio	Lower	Upper
70	100		
42	28.5	22.6	33.8
101	9.5	8.3	12.5
130	20.6	17.4	26.2

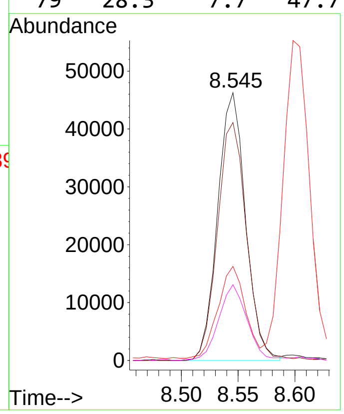




#20
3+4-Methylphenols
Concen: 4.636 ng
RT: 8.545 min   Scan# 945
Delta R.T.   -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025   09:59

Tgt Ion:107 Resp: 79245

Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.4	110.4
77	35.1	12.2	52.2
79	28.3	7.7	47.7



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Instrument :
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ClientSampleId :
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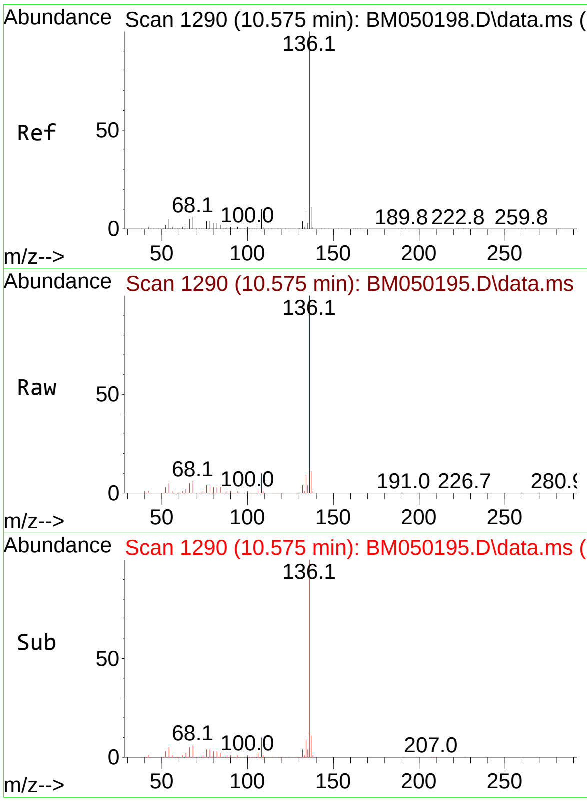
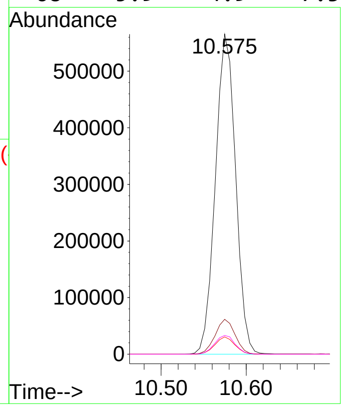
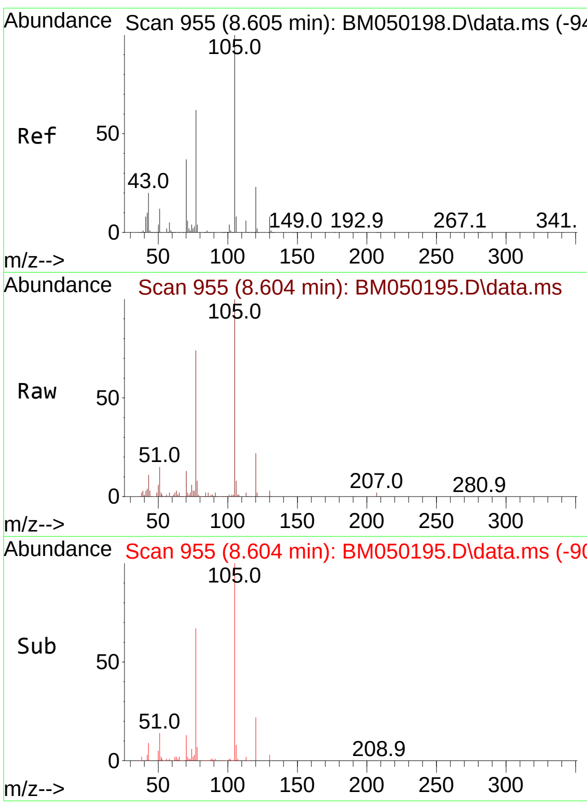
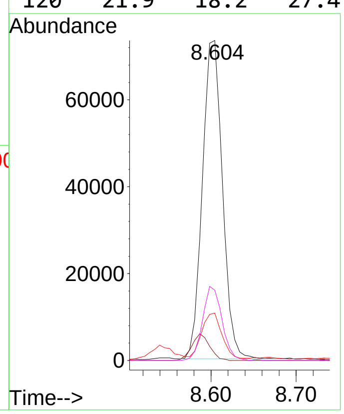


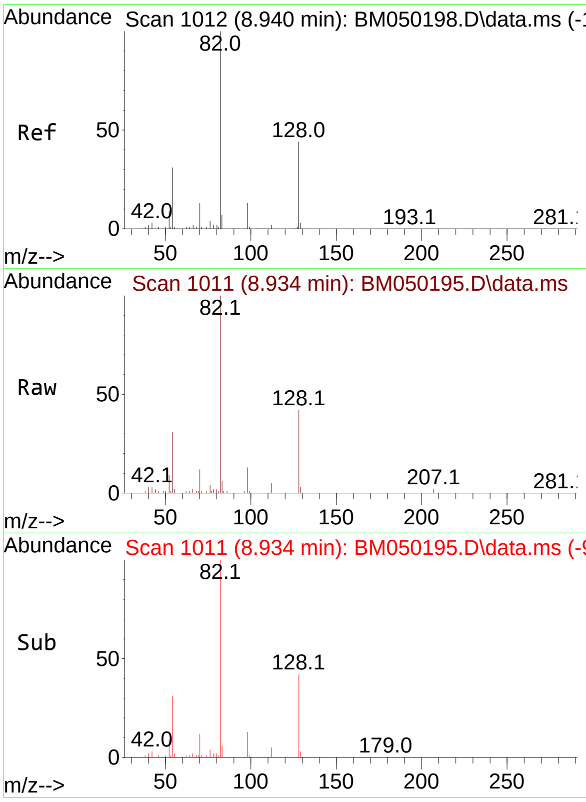

```
#21
Naphthalene-d8
Concen:   20.000 ng
RT:  10.575 min  Scan# 1290
Delta R.T.  -0.000 min
Lab File:   BM050195.D
Acq: 05 Jun 2025  09:59

Tgt Ion:136 Resp:  935638
Ion  Ratio  Lower  Upper
136  100
137   10.9    8.6   13.0
 54    5.4    3.8    5.8
 68    5.9    4.9    7.3
```






```
#22
Acetophenone
Concen:    5.150 ng
RT:   8.604 min  Scan# 955
Delta R.T.  -0.000 min
Lab File:   BM050195.D
Acq: 05 Jun 2025  09:59

Tgt Ion:105 Resp:  120380
Ion  Ratio  Lower  Upper
105  100
 71    2.2    5.0    7.4#
 51   14.8   11.4   17.2
120   21.9   18.2   27.4
```





#23
Nitrobenzene-d5
Concen: 9.332 ng
RT: 8.934 min   Scan# 1
Delta R.T.   -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025   09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 16788

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.2	52.8
54	30.8	24.5	36.7

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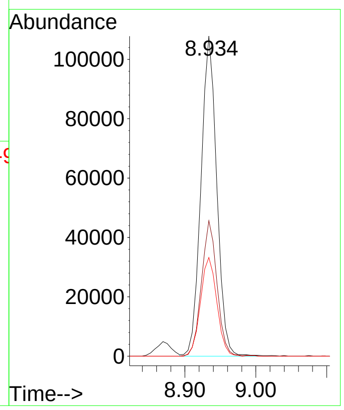
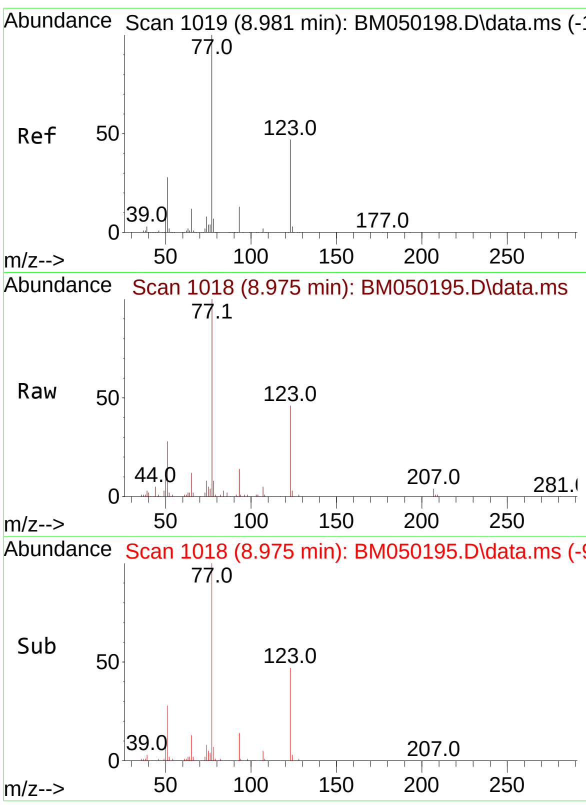
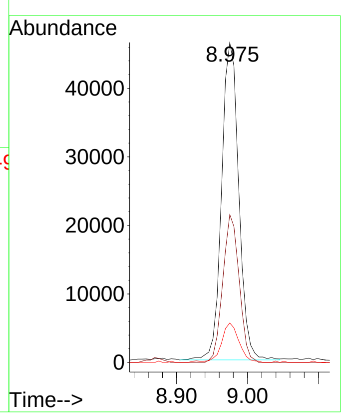


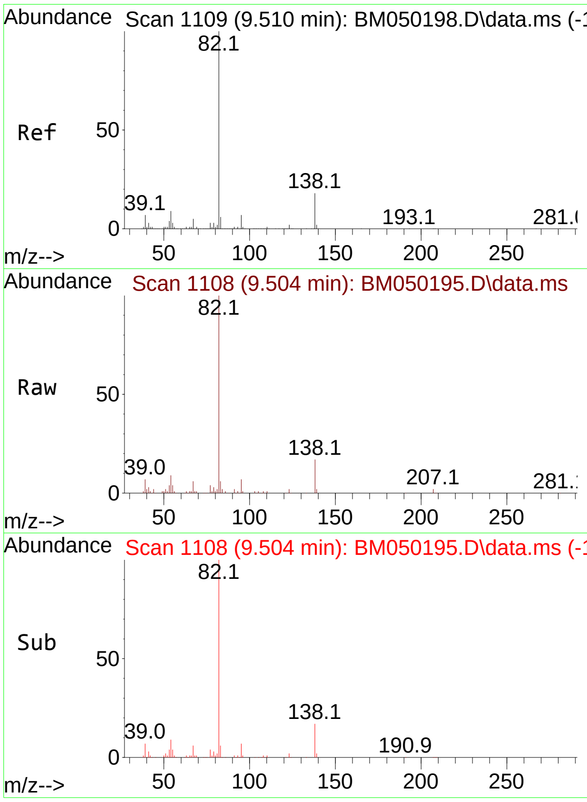


#24
Nitrobenzene
Concen: 4.757 ng
RT: 8.975 min   Scan# 1018
Delta R.T.   -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025   09:59

Tgt Ion: 77 Resp: 77828

Ion	Ratio	Lower	Upper
77	100		
123	46.3	38.2	57.2
65	12.3	9.5	14.3





#25
Isophorone
Concen: 4.872 ng
RT: 9.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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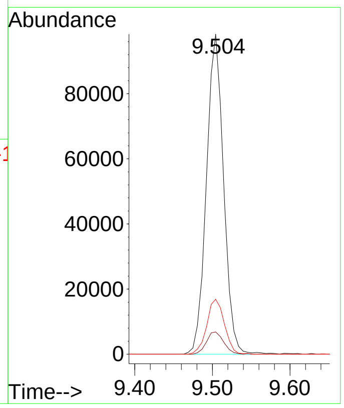
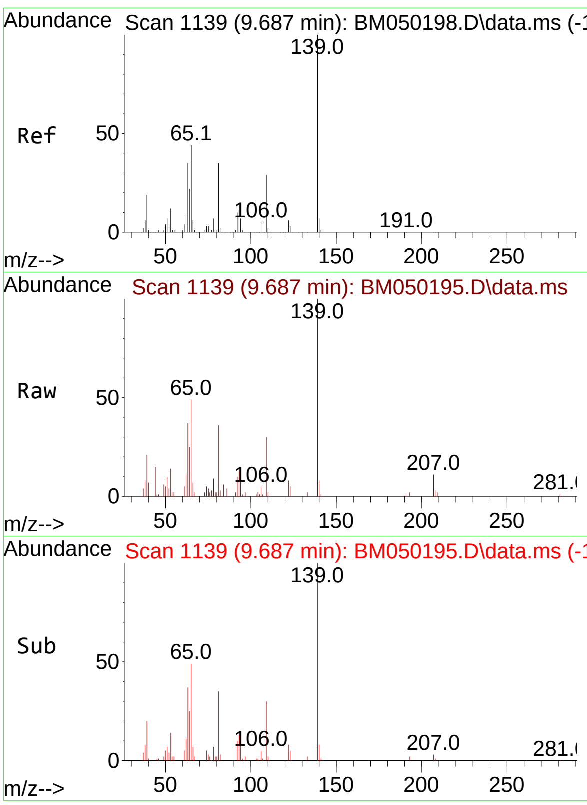
Tgt Ion: 82 Resp: 151295

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	17.2	14.2	21.2

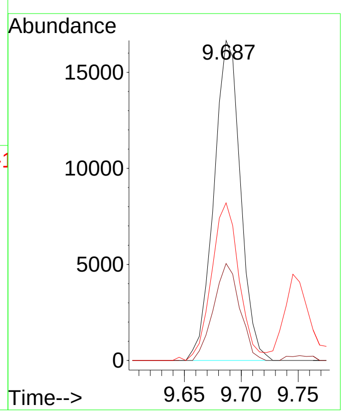




#26
2-Nitrophenol
Concen: 3.839 ng
RT: 9.687 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:139 Resp: 27114

Ion	Ratio	Lower	Upper
139	100		
109	30.3	23.3	34.9
65	49.2	35.2	52.8



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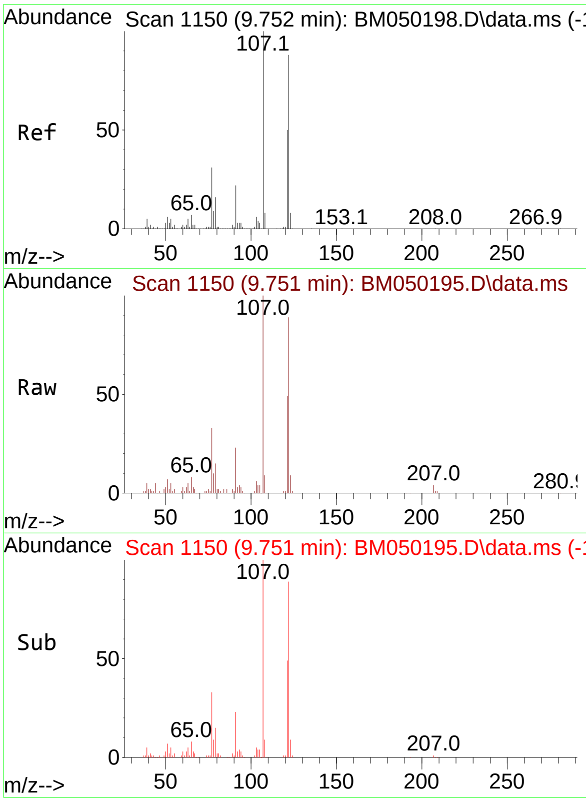
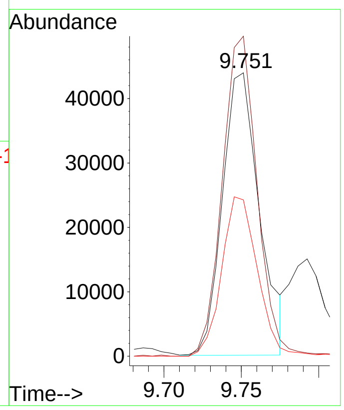


#27
2,4-Dimethylphenol
Concen: 5.010 ng
RT: 9.751 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:122 Resp: 7276

Ion	Ratio	Lower	Upper
122	100		
107	112.9	91.0	136.6
121	55.1	45.8	68.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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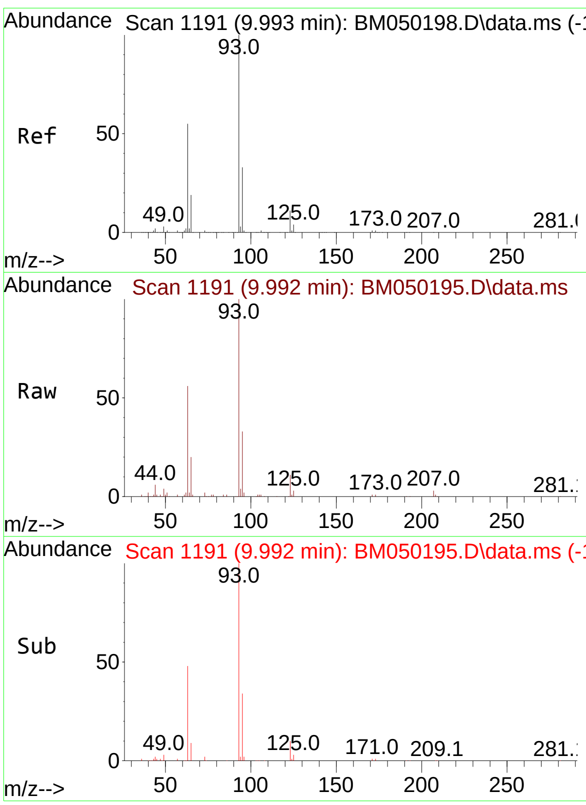
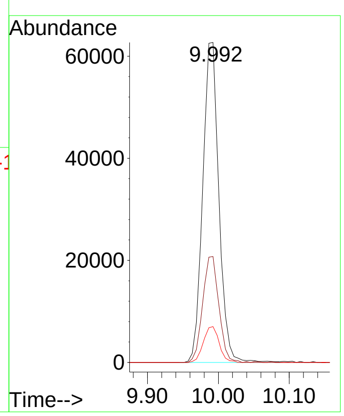
Supervised By :Jagrut Upadhyay 06/06/2025



#28
bis(2-Chloroethoxy)methane
Concen: 4.915 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 93 Resp: 99703

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.4
123	11.2	8.9	13.3



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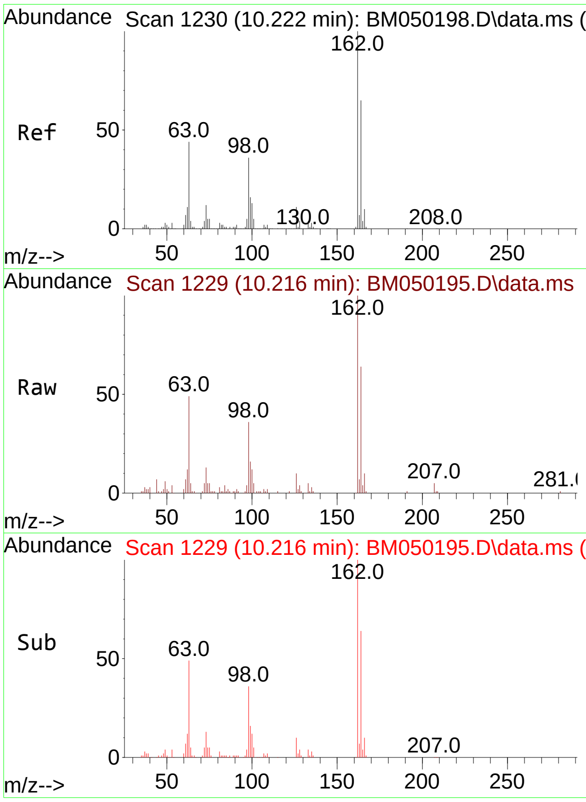
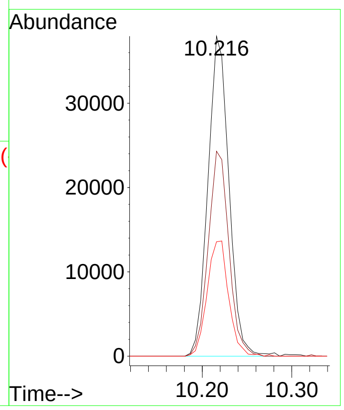


#29
2,4-Dichlorophenol
Concen: 4.611 ng
RT: 10.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:162 Resp: 6192

Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.0	85.0
98	35.7	16.3	56.3



Instrument :
BNA_M
ClientSampleId :
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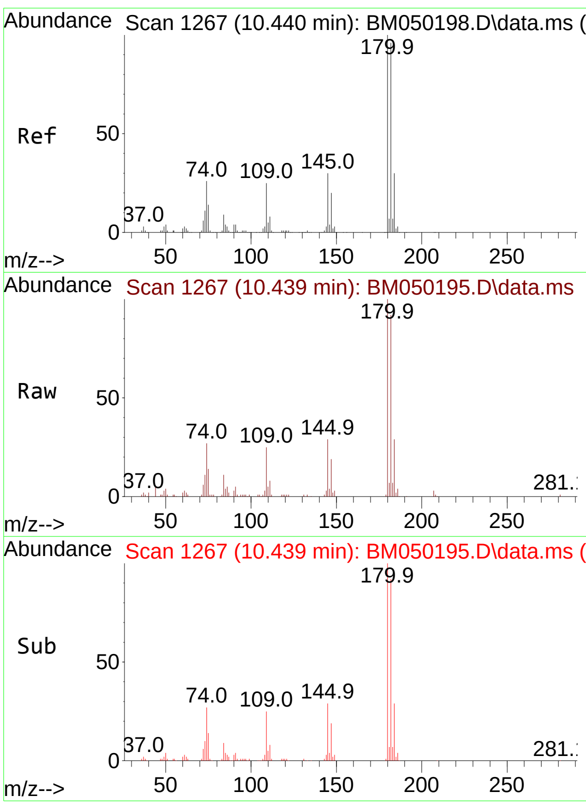
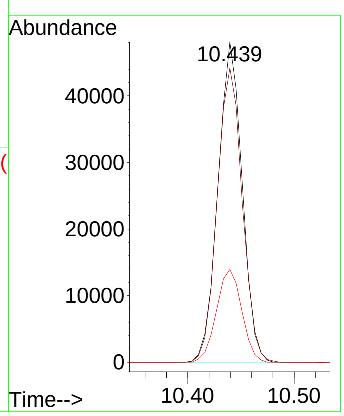


#30
1,2,4-Trichlorobenzene
Concen: 5.076 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:180 Resp: 75854

Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.6	114.8
145	29.0	24.2	36.4



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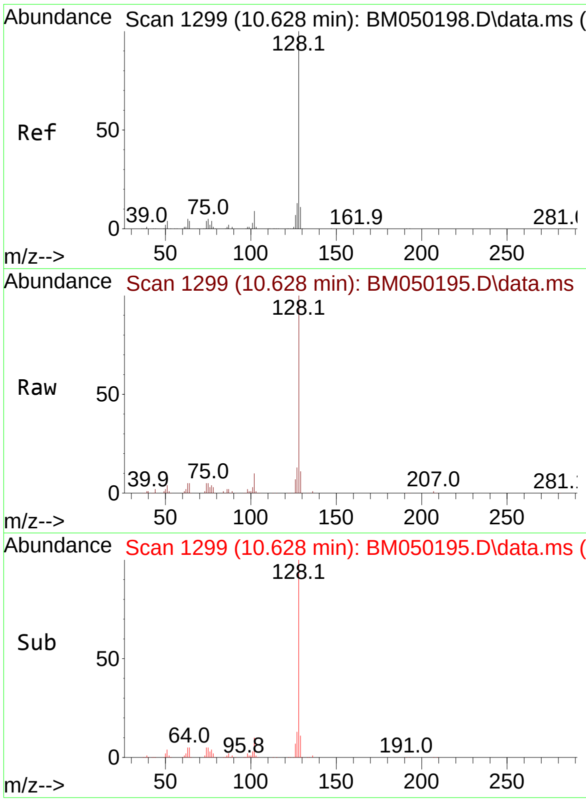
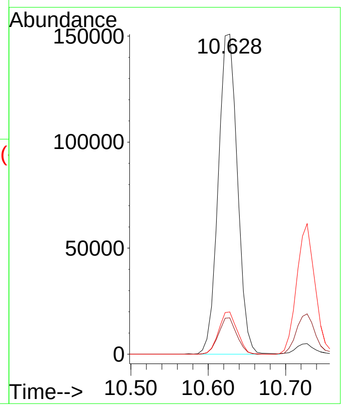


#31
Naphthalene
Concen: 5.370 ng
RT: 10.628 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:128 Resp: 25976

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.2	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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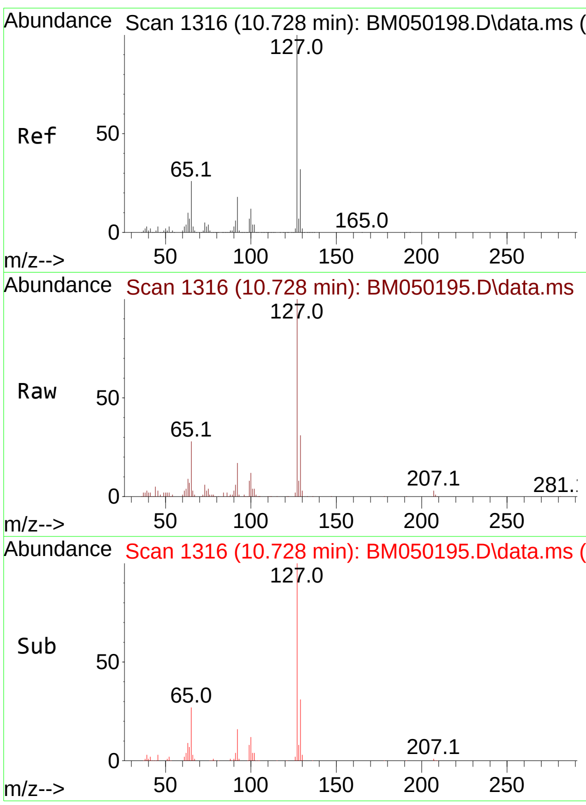
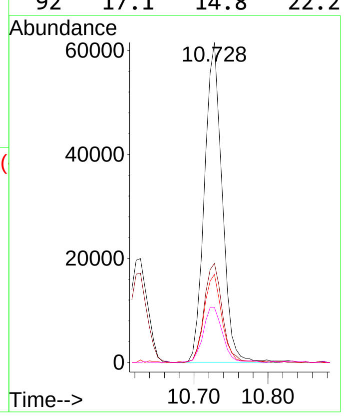
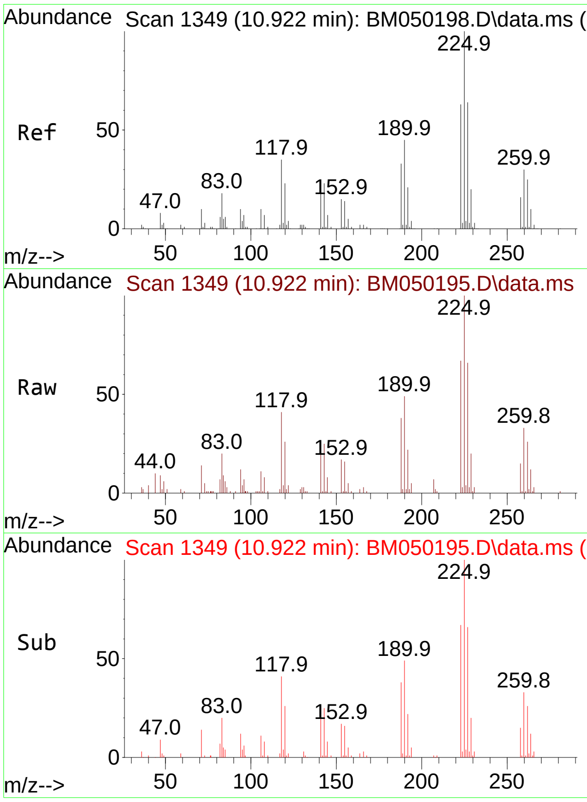


#33
4-Chloroaniline
Concen: 4.964 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:127 Resp: 102387

Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.4	38.0
65	27.5	21.0	31.4
92	17.1	14.8	22.2

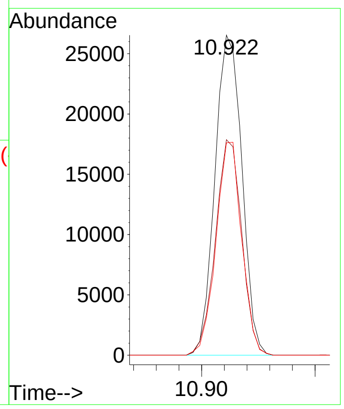




#34
Hexachlorobutadiene
Concen: 4.940 ng
RT: 10.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:225 Resp: 4391

Ion	Ratio	Lower	Upper
225	100		
223	67.4	50.2	75.2
227	66.4	51.0	76.4



Instrument :
BNA_M
ClientSampleId :
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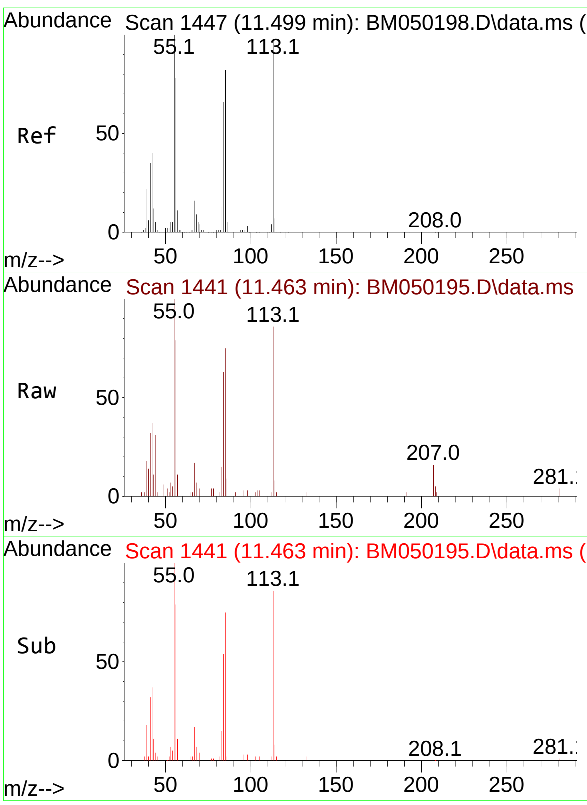
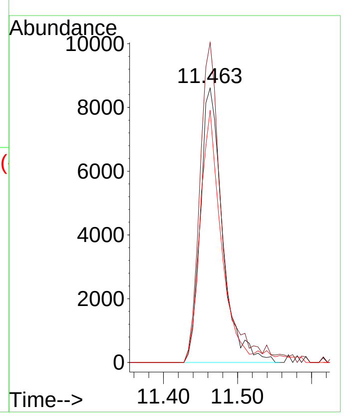


#35
Caprolactam
Concen: 4.205 ng
RT: 11.463 min Scan# 1441
Delta R.T. -0.036 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:113 Resp: 17903

Ion	Ratio	Lower	Upper
113	100		
55	116.6	83.5	123.5
56	91.9	60.6	100.6



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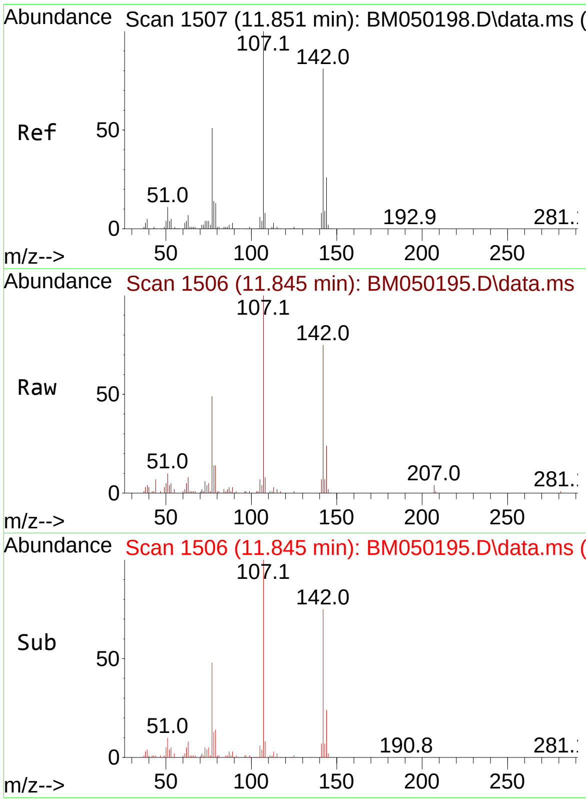

#36
4-Chloro-3-methylphenol
Concen: 4.788 ng
RT: 11.845 min Scan# 1!
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:107 Resp: 6861

Ion	Ratio	Lower	Upper
107	100		
144	24.4	21.0	31.6
142	74.6	64.8	97.2

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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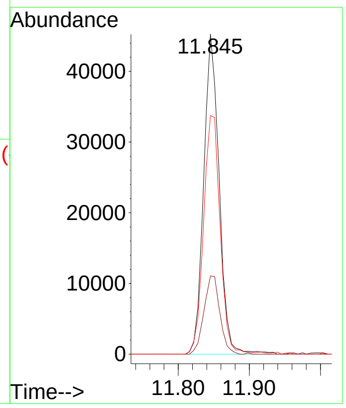
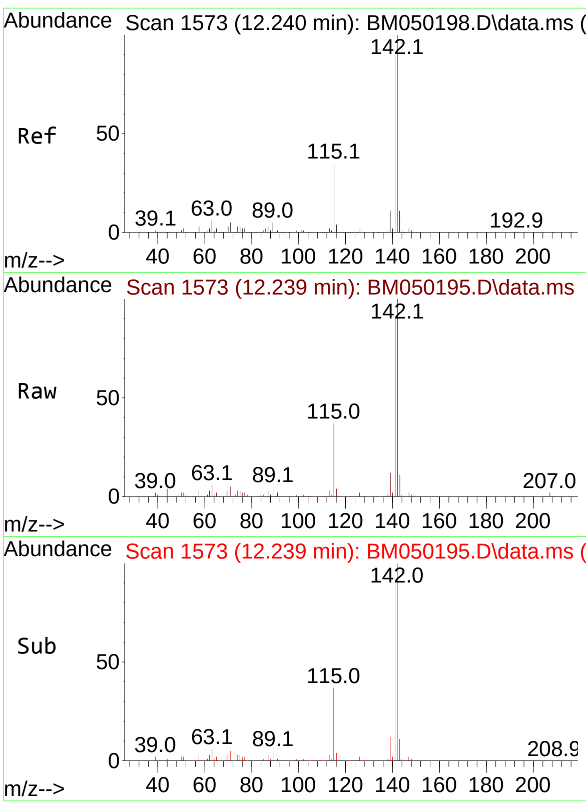
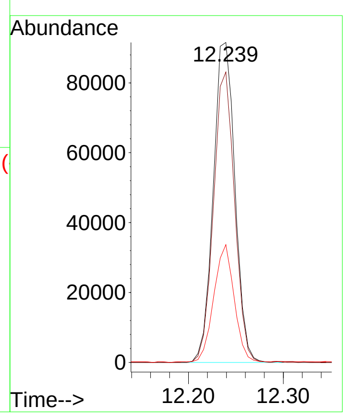




#37
2-Methylnaphthalene
Concen: 5.008 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:142 Resp: 146149

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.5	107.3
115	36.8	27.8	41.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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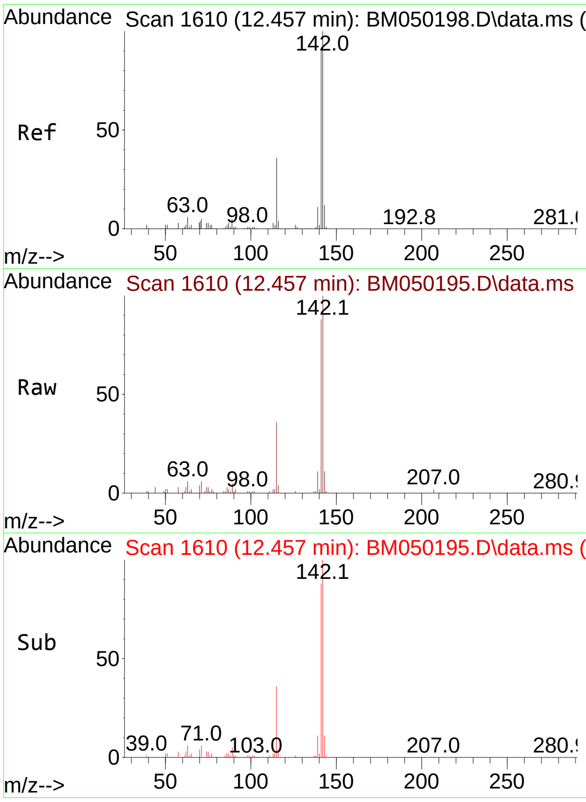
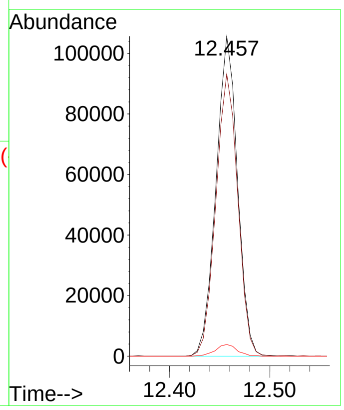
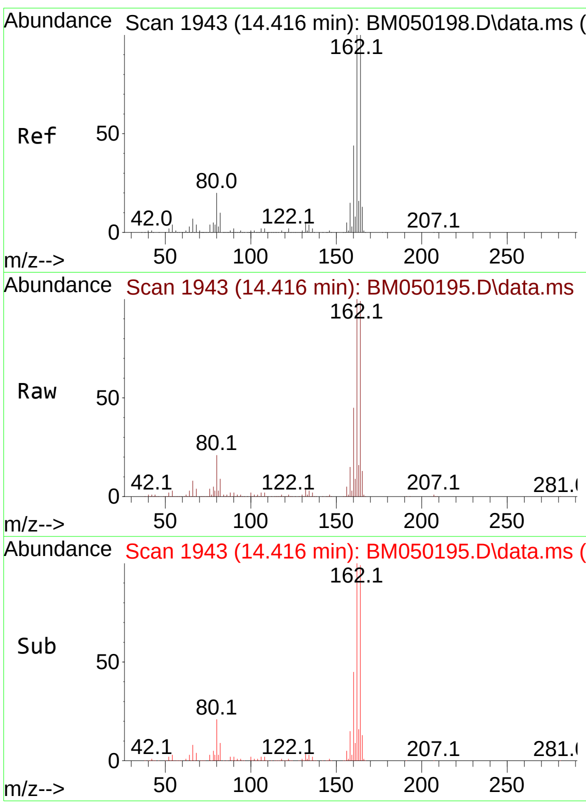
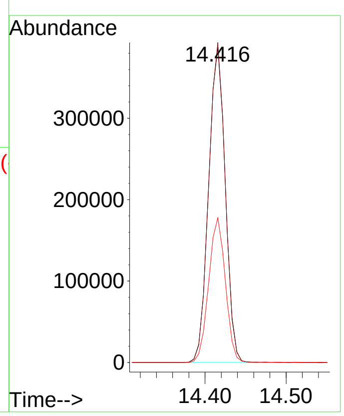



```
#38
1-Methylnaphthalene
Concen:    5.101 ng
RT:  12.457 min  Scan# 1(
Delta R.T.  -0.000 min
Lab File:   BM050195.D
Acq: 05 Jun 2025  09:59

Tgt Ion:142 Resp:  15800
Ion  Ratio  Lower  Upper
142  100
141   88.2   72.9  109.3
116    3.6    3.0    4.6
```






```
#39
Acenaphthene-d10
Concen:   20.000 ng
RT:  14.416 min  Scan# 1943
Delta R.T.  -0.000 min
Lab File:   BM050195.D
Acq: 05 Jun 2025  09:59

Tgt Ion:164 Resp:  551980
Ion  Ratio  Lower  Upper
164  100
162  101.5   80.2  120.4
160   45.9   35.7   53.5
```



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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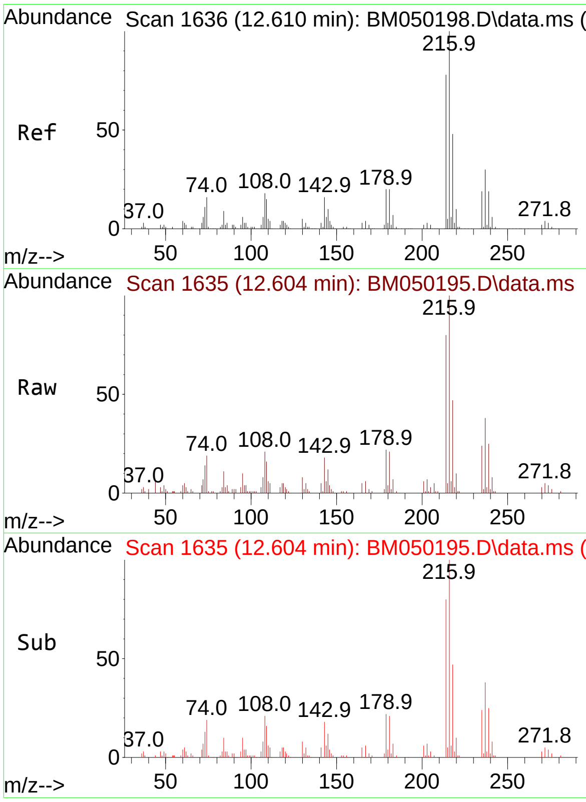
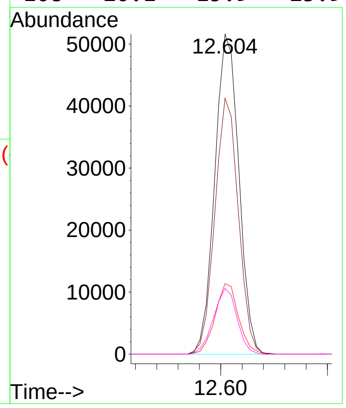
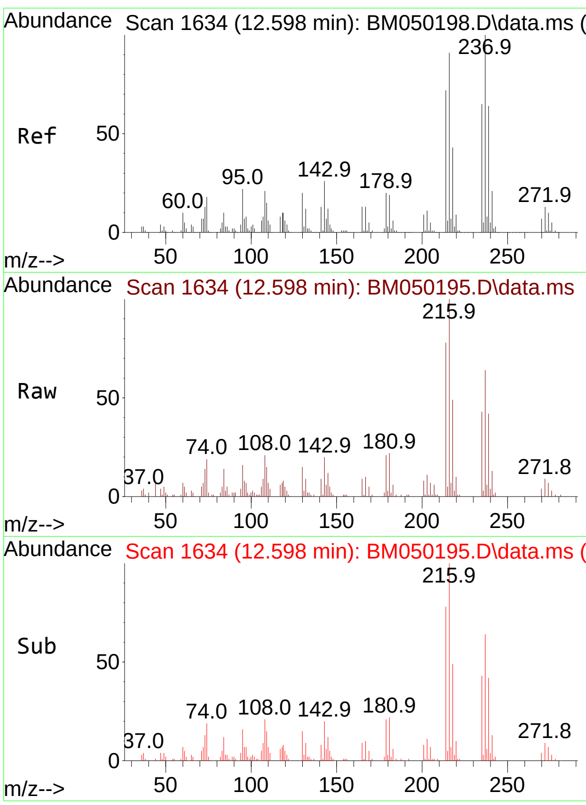


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.075 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:216 Resp: 8088

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	21.5	16.6	25.0
108	20.1	15.9	23.9

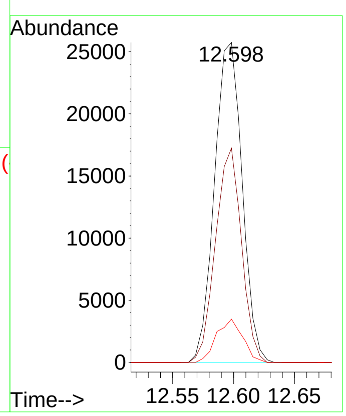


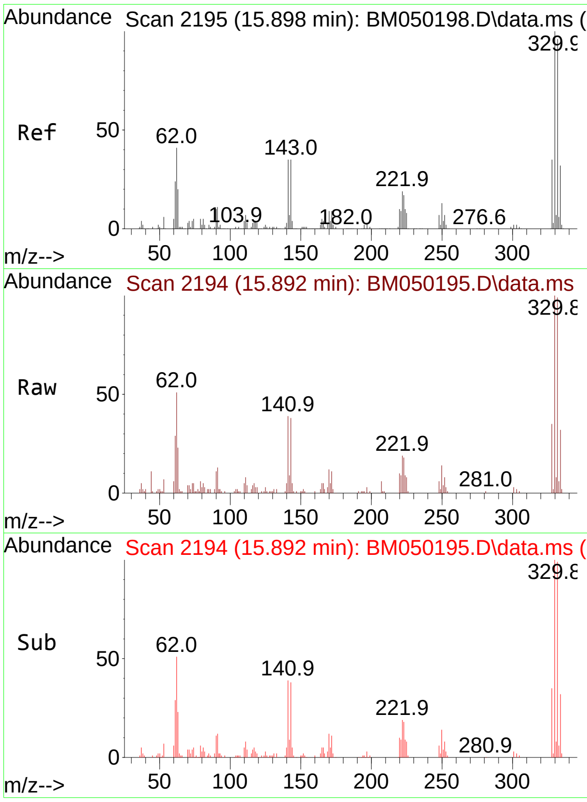


#41
Hexachlorocyclopentadiene
Concen: 4.202 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:237 Resp: 40674

Ion	Ratio	Lower	Upper
237	100		
235	67.0	44.6	84.6
272	13.6	0.0	33.1





#42
2,4,6-Tribromophenol
Concen: 9.236 ng
RT: 15.892 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:330 Resp: 5798

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.5	116.3
141	38.0	28.8	43.2

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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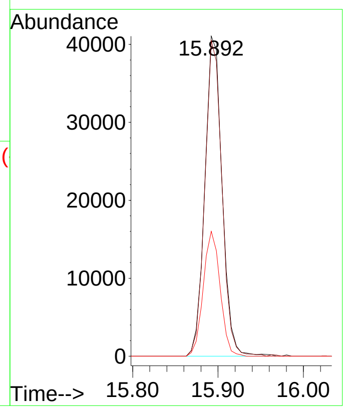
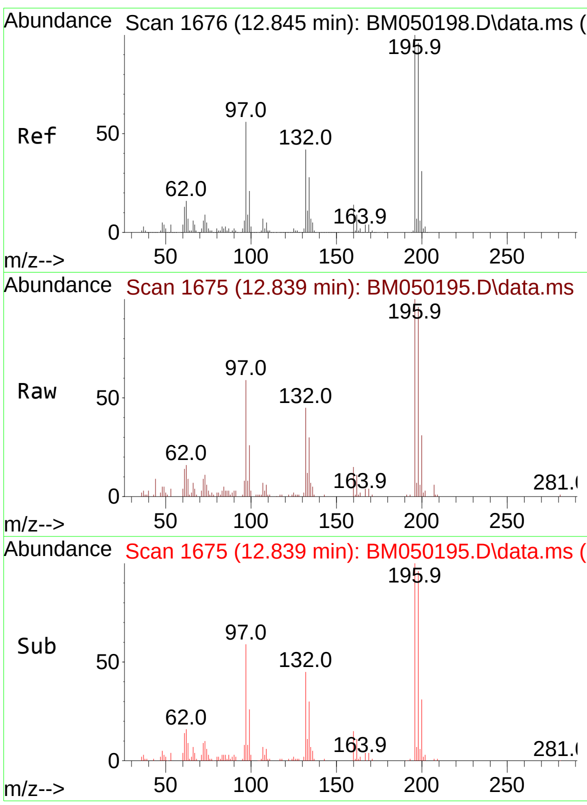
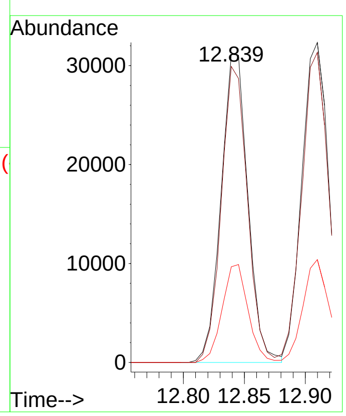




#43
2,4,6-Trichlorophenol
Concen: 4.561 ng
RT: 12.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:196 Resp: 47806

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.6	115.0
200	31.1	24.5	36.7



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Instrument :
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ClientSampleId :
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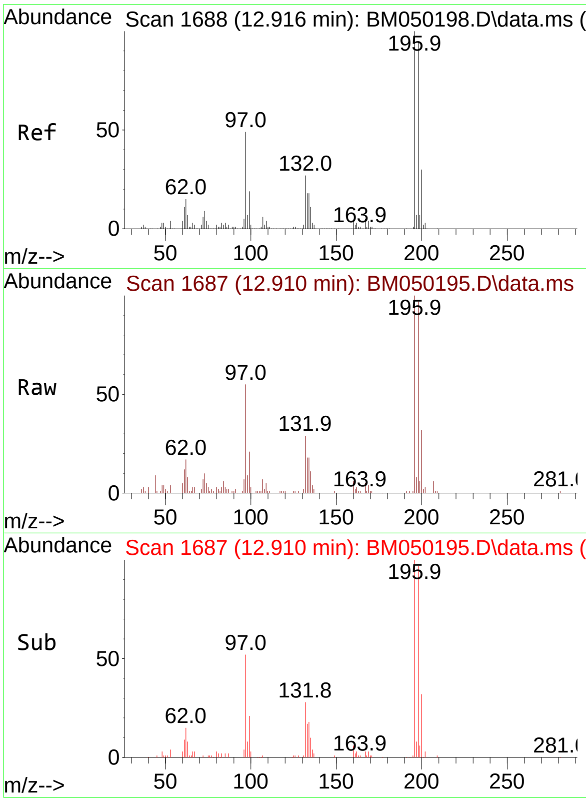
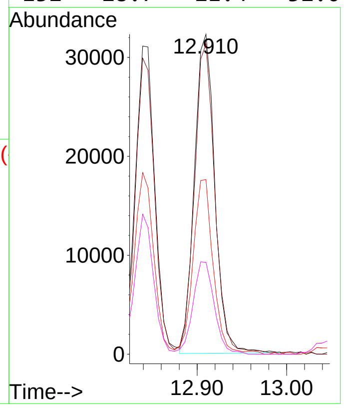
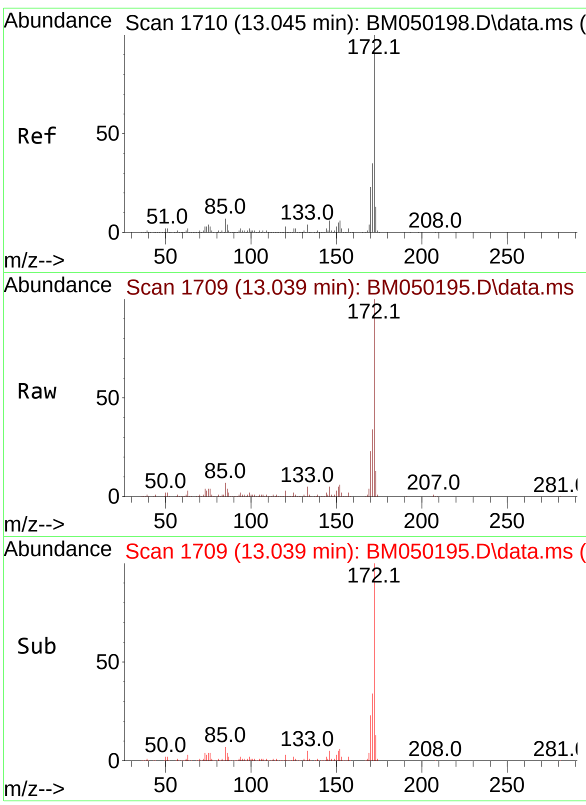


#44
2,4,5-Trichlorophenol
Concen: 4.449 ng
RT: 12.910 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:196 Resp: 5119(

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.1	114.1
97	54.5	39.3	58.9
132	28.7	21.4	32.0

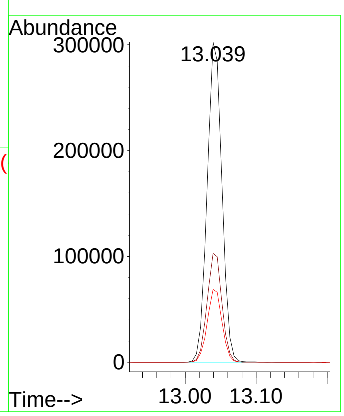




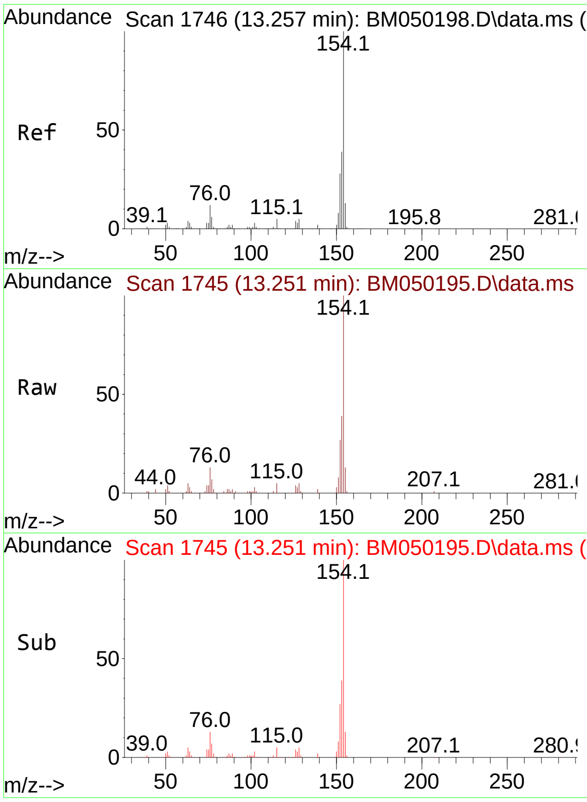
#45
2-Fluorobiphenyl
Concen: 10.753 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:172 Resp: 438411

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.6
170	22.8	18.6	27.8



ICAL Form



#46
1,1'-Biphenyl
Concen: 5.282 ng
RT: 13.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:154 Resp: 21830

Ion	Ratio	Lower	Upper
154	100		
153	38.7	19.2	59.2
76	12.6	0.0	32.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
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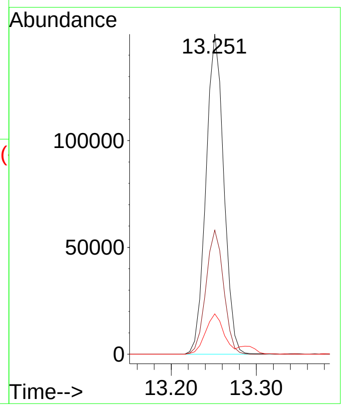
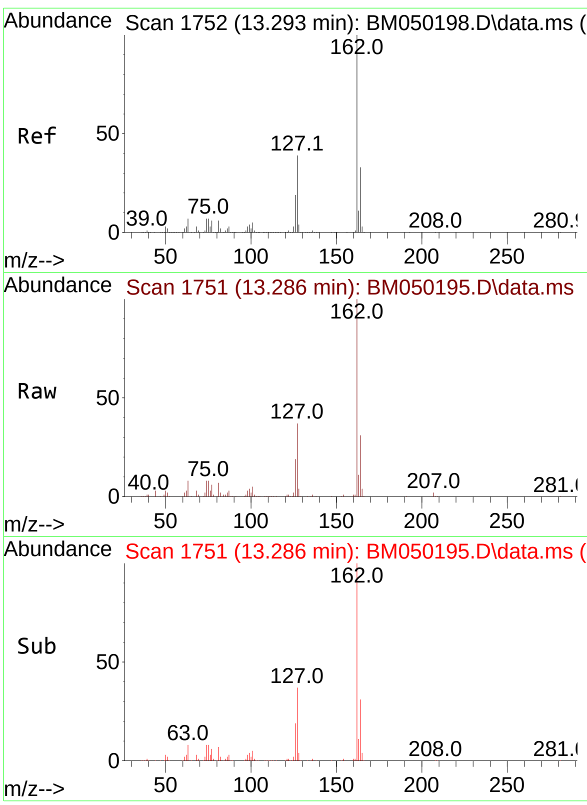
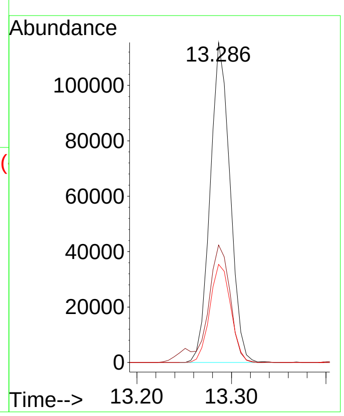




#47
2-Chloronaphthalene
Concen: 5.243 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:162 Resp: 168466

Ion	Ratio	Lower	Upper
162	100		
127	36.7	31.1	46.7
164	30.7	26.5	39.7



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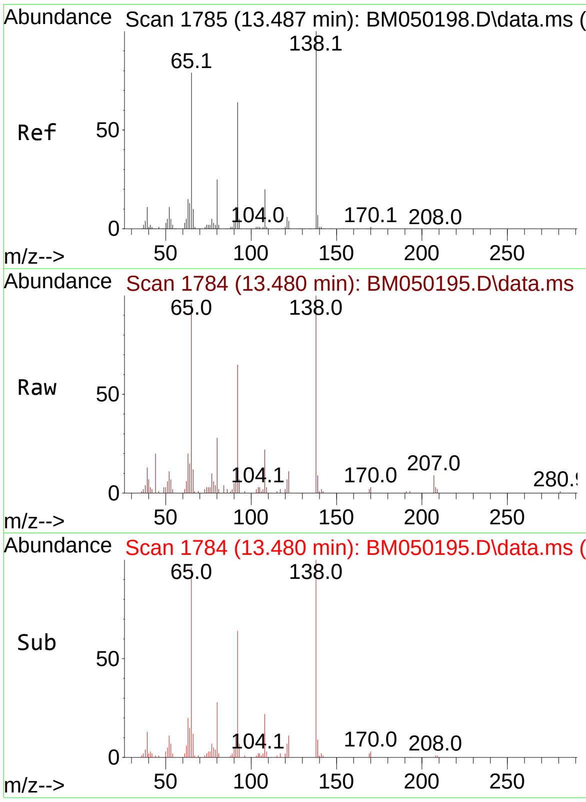

#48
2-Nitroaniline
Concen: 3.895 ng
RT: 13.480 min Scan# 17
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 2754

Ion	Ratio	Lower	Upper
65	100		
92	68.2	64.2	96.4
138	104.7	101.0	151.4

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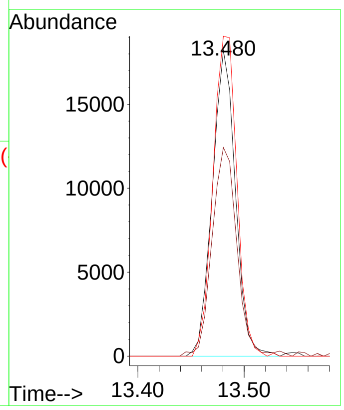
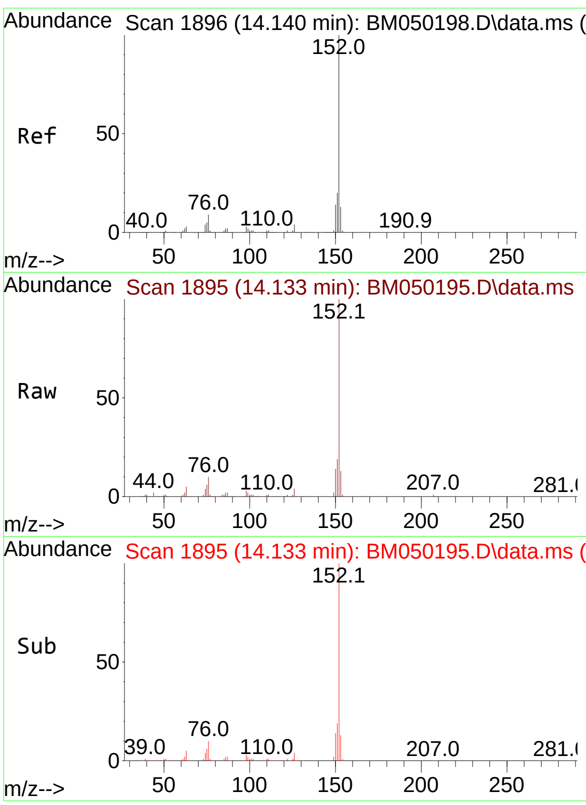
Supervised By :Jagrut Upadhyay 06/06/2025

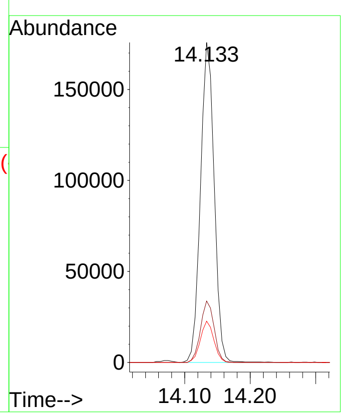


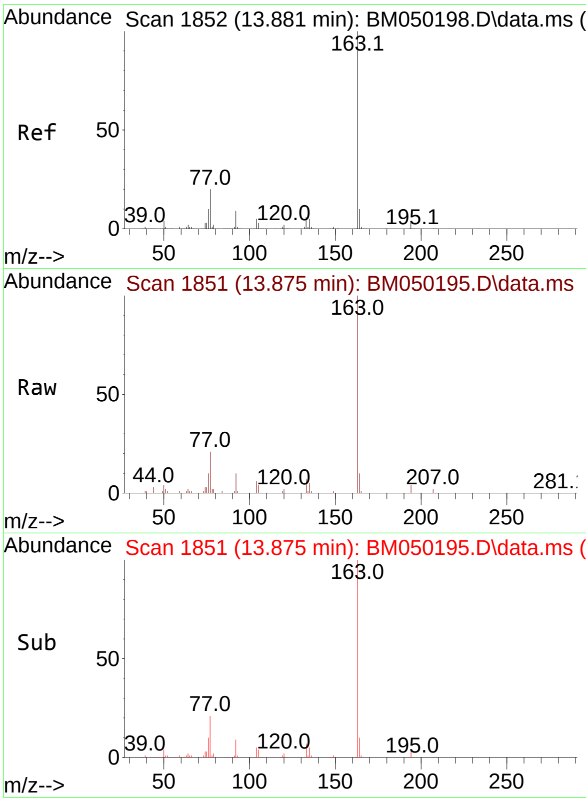


#49
Acenaphthylene
Concen: 4.946 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:152 Resp: 257055

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.6
153	12.9	10.4	15.6





#50
Dimethylphthalate
Concen: 4.950 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:163 Resp: 18477

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	7.9	11.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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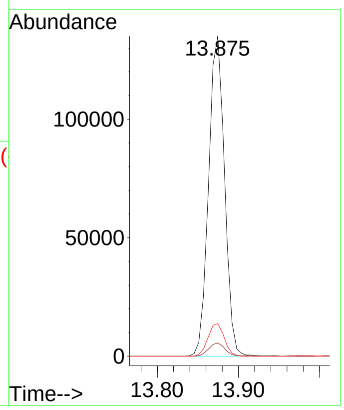
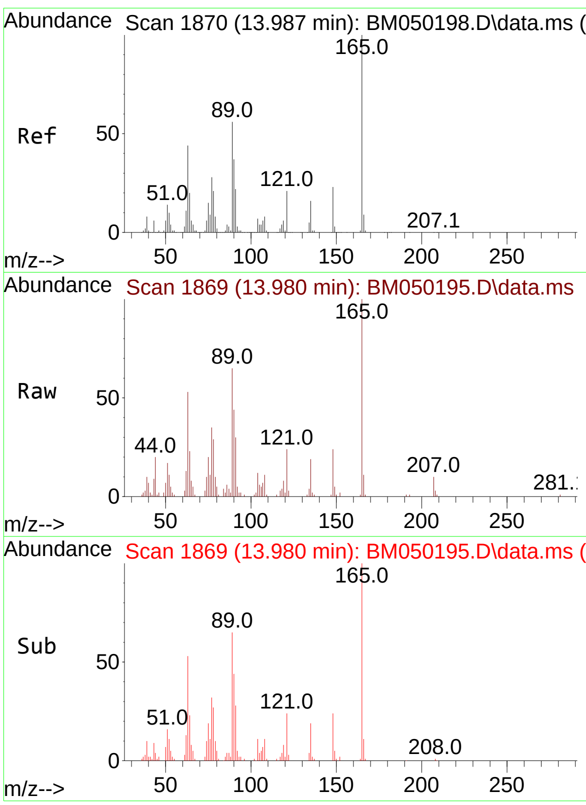
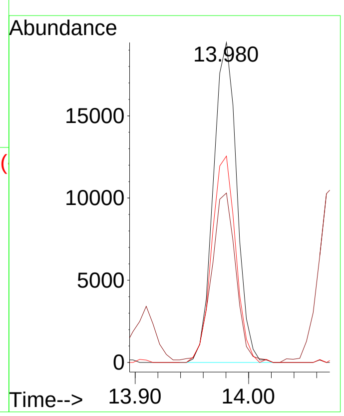


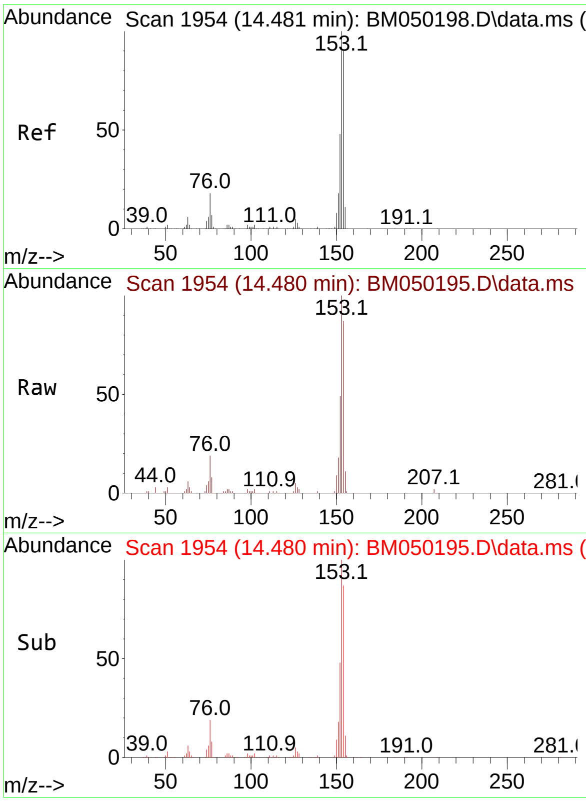


#51
2,6-Dinitrotoluene
Concen: 3.739 ng
RT: 13.980 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:165 Resp: 28146

Ion	Ratio	Lower	Upper
165	100		
63	52.9	35.8	53.6
89	64.5	44.8	67.2





#52
Acenaphthene
Concen: 5.164 ng
RT: 14.480 min Scan# 19
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 16787(

Ion	Ratio	Lower	Upper
154	100		
153	114.5	88.7	133.1
152	55.6	42.6	63.8

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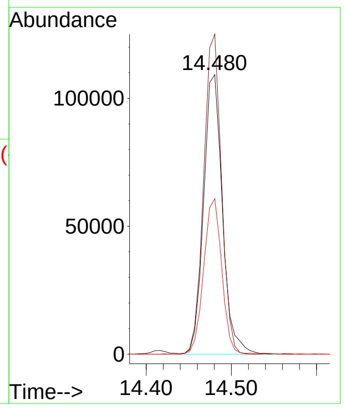
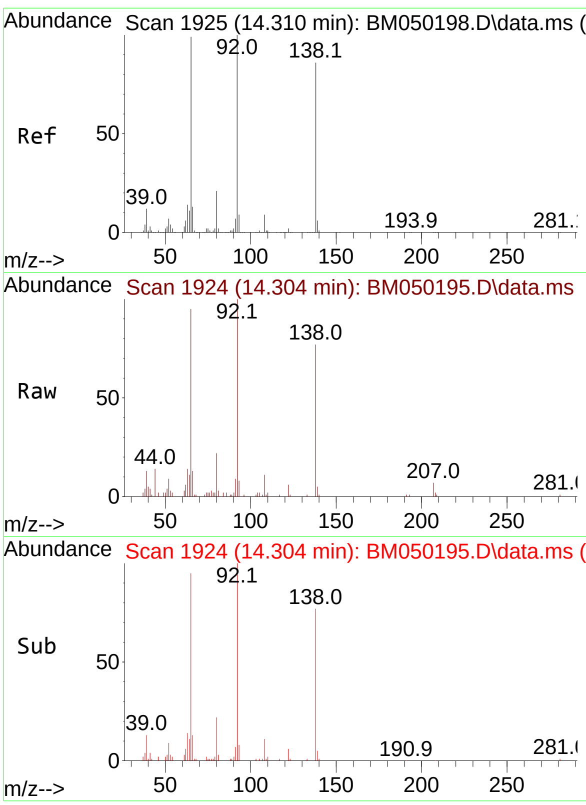
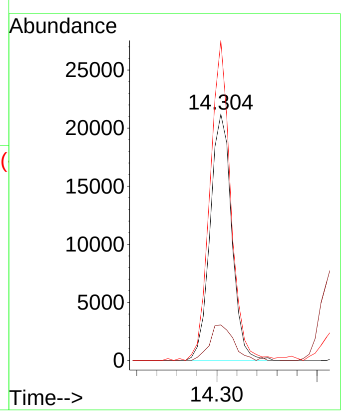




#53
3-Nitroaniline
Concen: 3.794 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:138 Resp: 31831

Ion	Ratio	Lower	Upper
138	100		
108	14.4	8.8	13.2#
92	129.9	92.9	139.3



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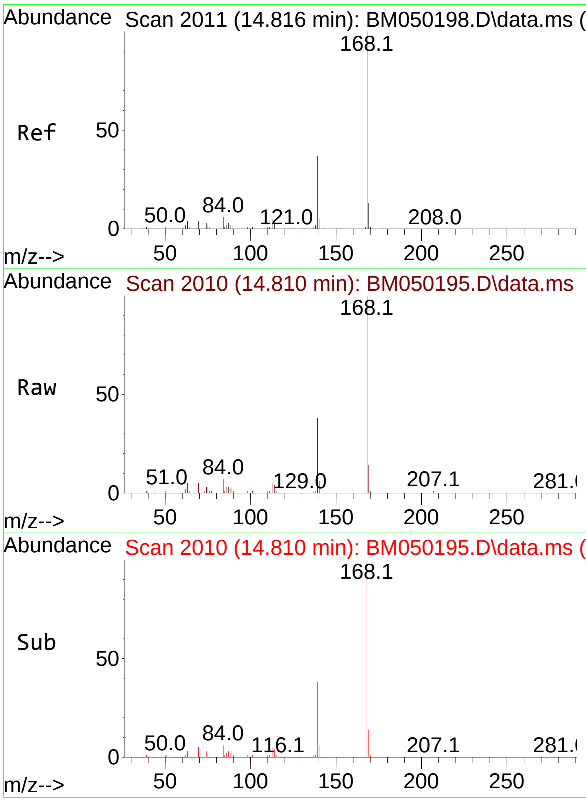

#55
Dibenzofuran
Concen: 5.171 ng
RT: 14.810 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 24591:

Ion	Ratio	Lower	Upper
168	100		
139	38.2	29.9	44.9
169	13.6	10.6	16.0

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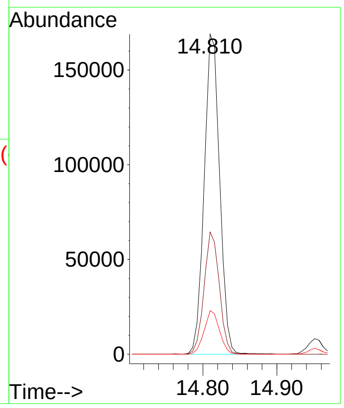
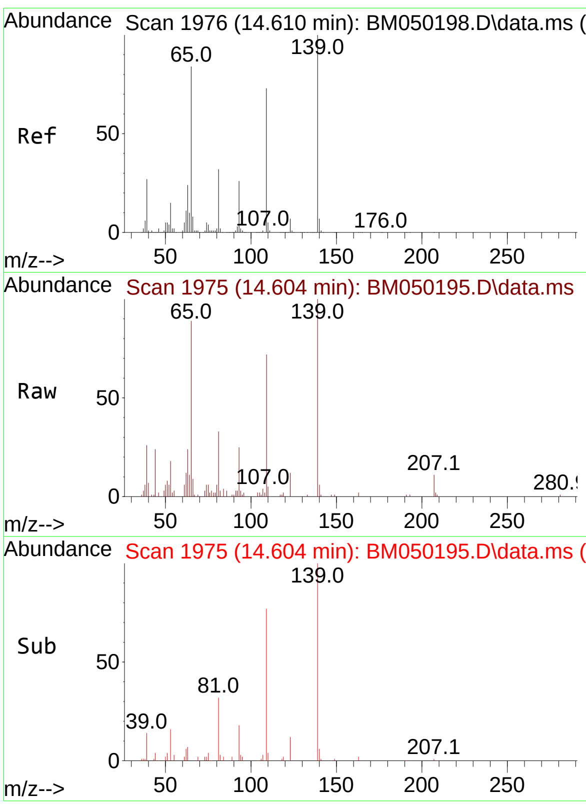
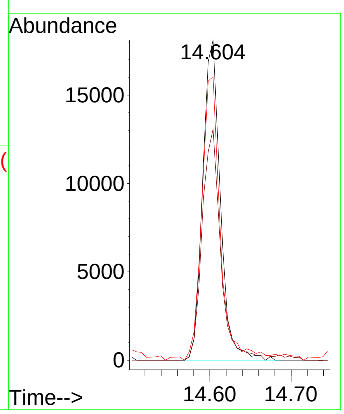


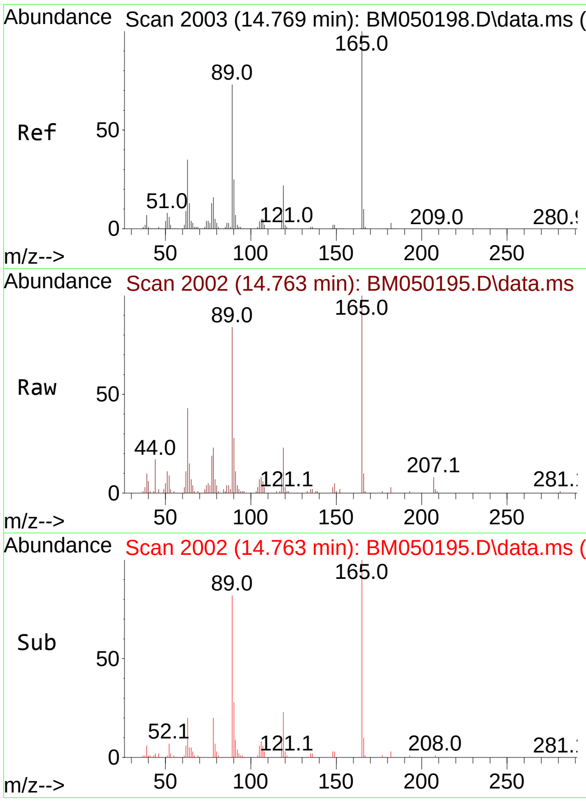


#56
4-Nitrophenol
Concen: 3.840 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:139 Resp: 27420

Ion	Ratio	Lower	Upper
139	100		
109	72.2	52.6	92.6
65	88.6	64.3	104.3





#57
2,4-Dinitrotoluene
Concen: 3.470 ng
RT: 14.763 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 3445

Ion	Ratio	Lower	Upper
165	100		
63	42.5	28.4	42.6
89	84.3	58.0	87.0
182	2.8	2.2	3.2

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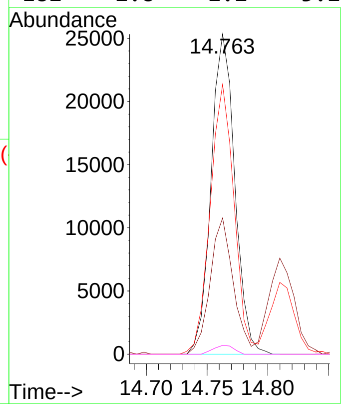
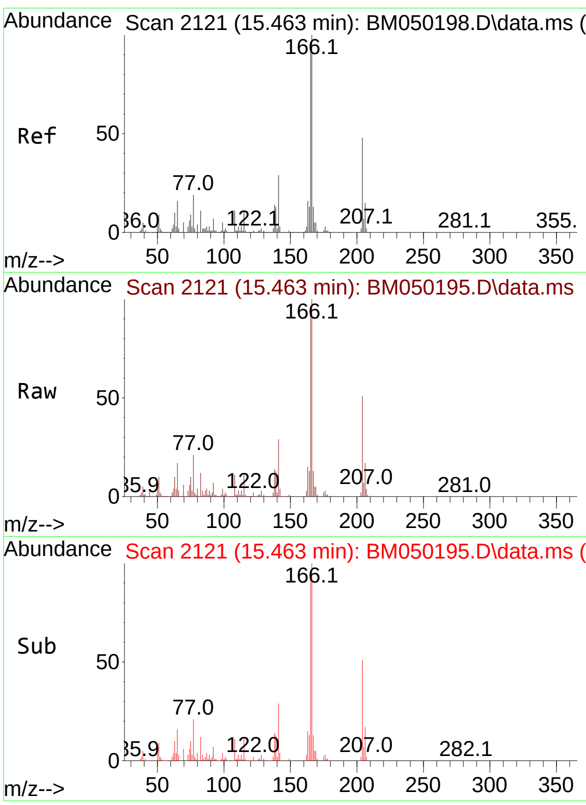
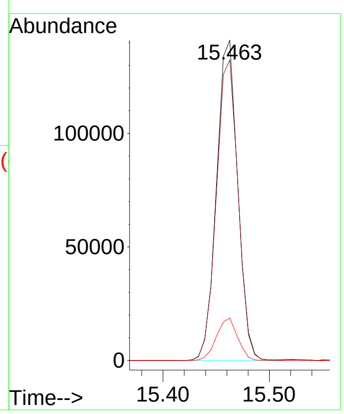




#58
Fluorene
Concen: 5.354 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:166 Resp: 195018

Ion	Ratio	Lower	Upper
166	100		
165	93.9	77.0	115.4
167	13.3	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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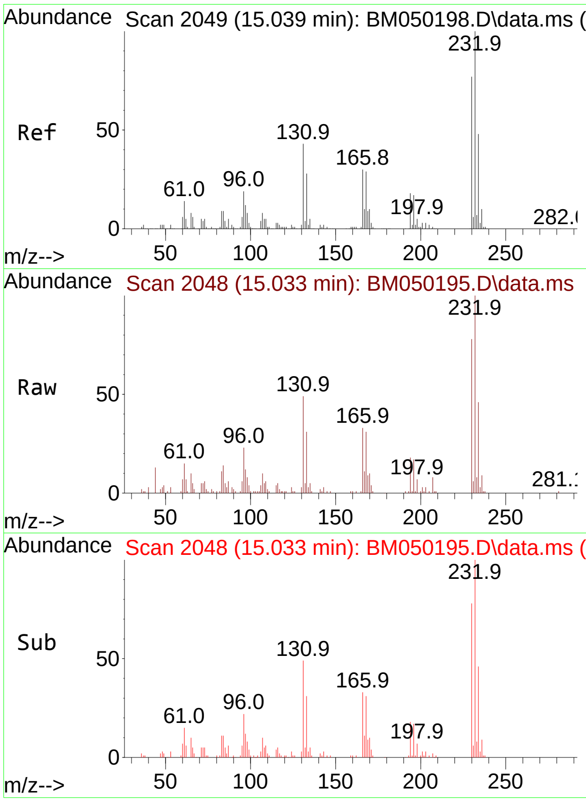
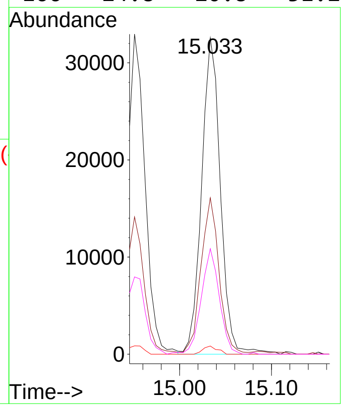
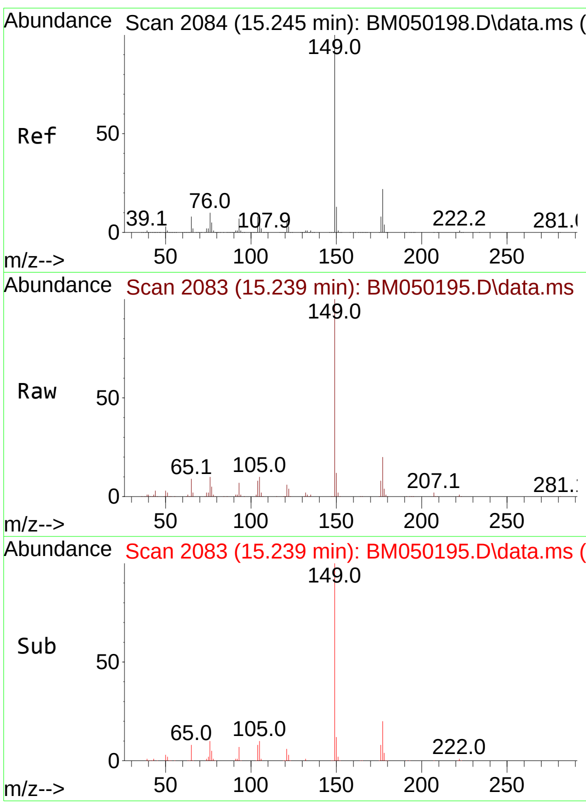


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.685 ng m
RT: 15.033 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:232 Resp: 4664

Ion	Ratio	Lower	Upper
232	100		
131	42.0	32.9	49.3
130	2.5	1.8	2.8
166	24.8	20.8	31.2

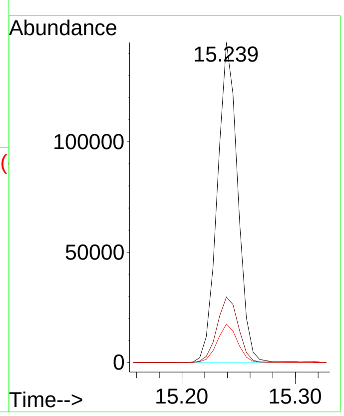




#60
Diethylphthalate
Concen: 4.897 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:149 Resp: 181363

Ion	Ratio	Lower	Upper
149	100		
177	20.5	17.2	25.8
150	12.0	10.0	15.0



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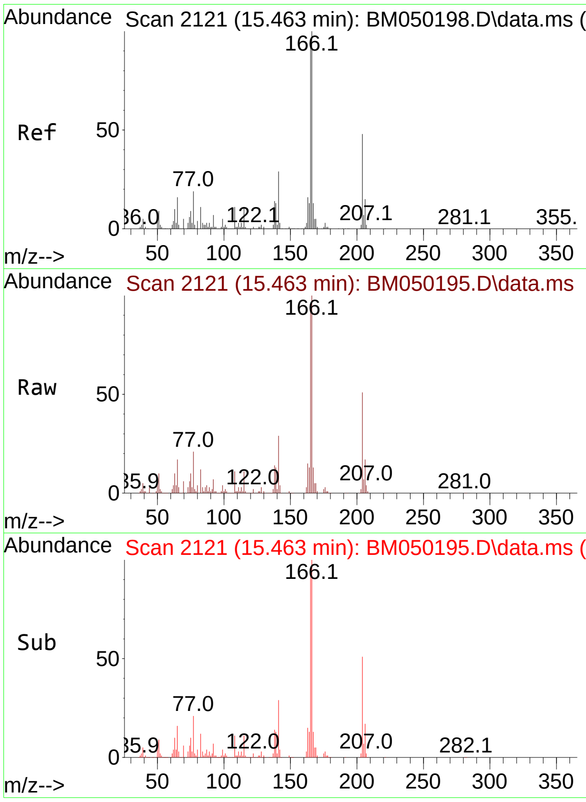

#61
4-Chlorophenyl-phenylether
Concen: 5.291 ng
RT: 15.463 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 93141

Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.4	38.0
141	58.1	47.9	71.9

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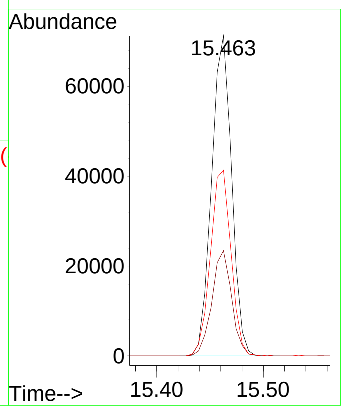
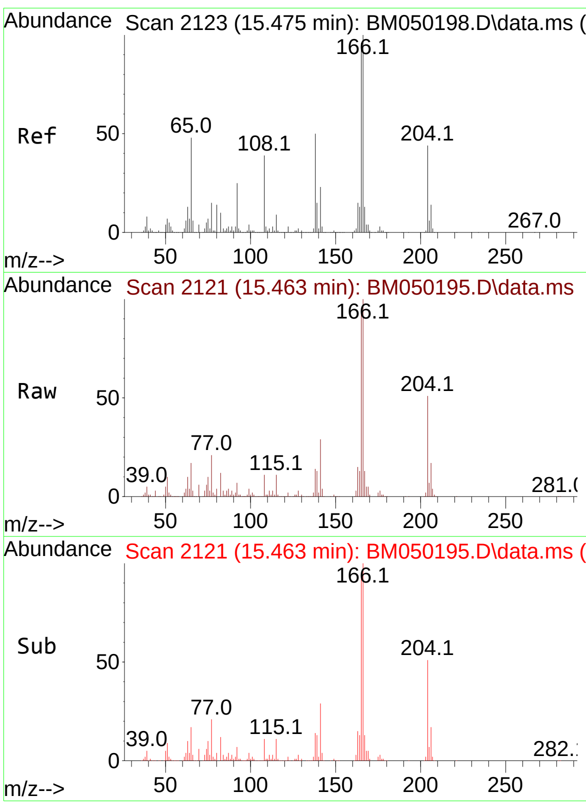
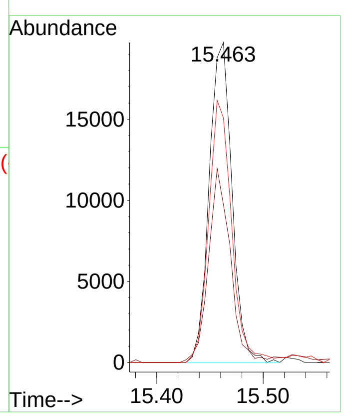


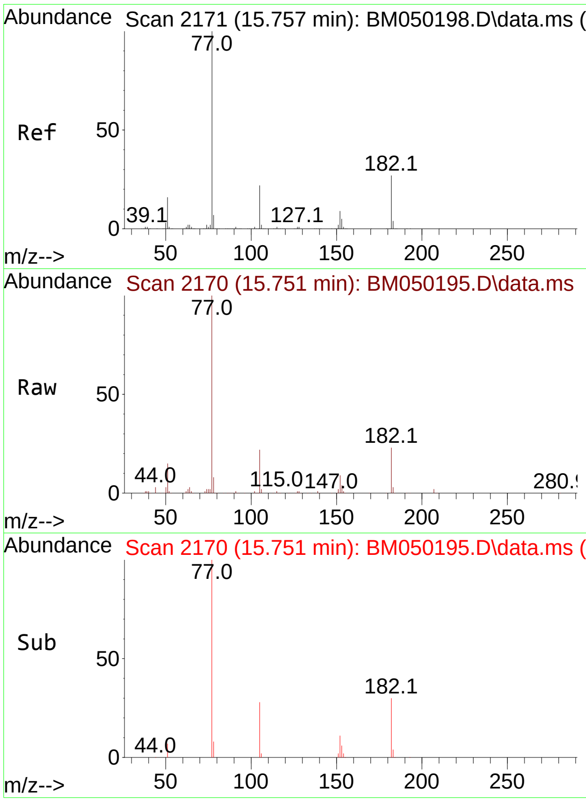


#62
4-Nitroaniline
Concen: 3.743 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:138 Resp: 29436

Ion	Ratio	Lower	Upper
138	100		
92	49.4	28.8	68.8
108	76.5	58.1	98.1

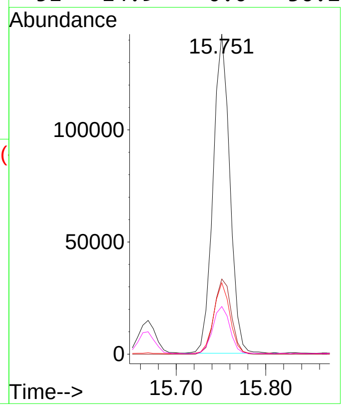




#63
Azobenzene
Concen: 5.001 ng
RT: 15.751 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 77 Resp: 18515

Ion	Ratio	Lower	Upper
77	100		
182	23.5	6.8	46.8
105	22.3	1.7	41.7
51	14.9	0.0	36.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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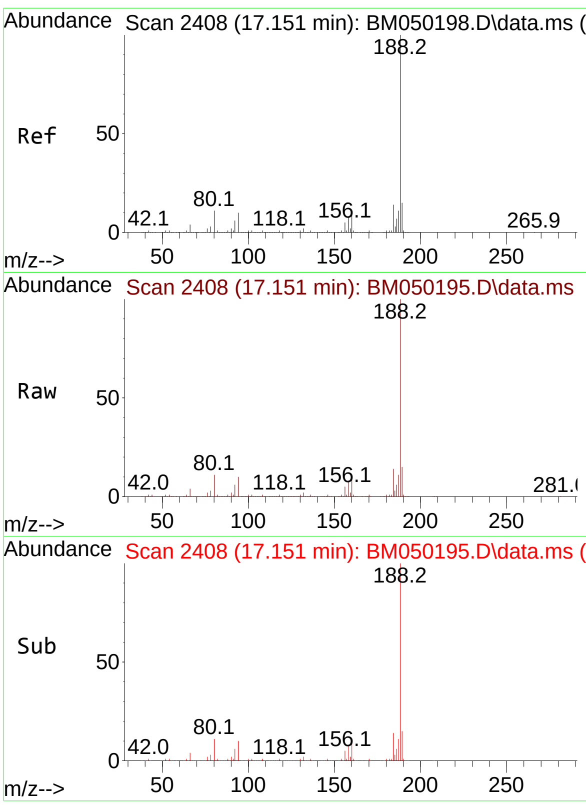
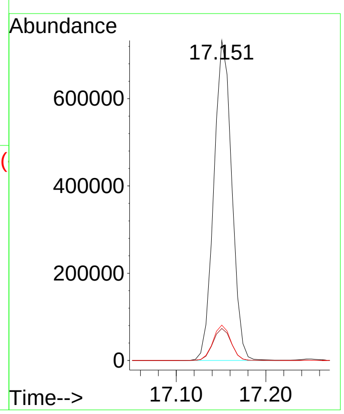


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:188 Resp: 1022508

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	11.1	8.6	13.0



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Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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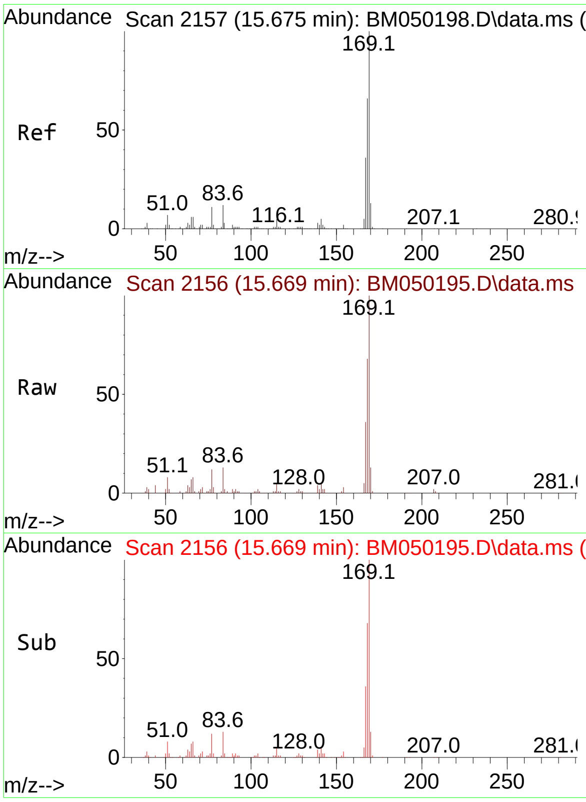
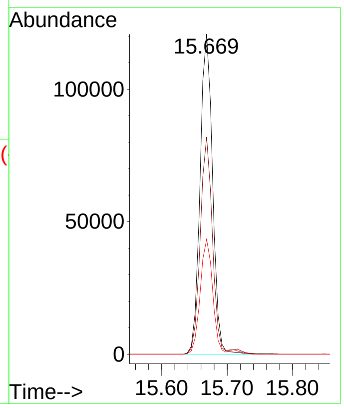
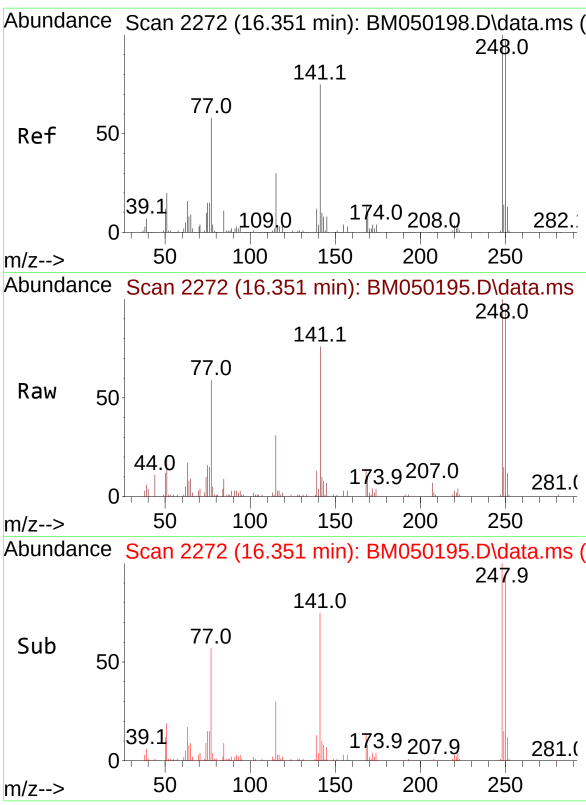


#66
n-Nitrosodiphenylamine
Concen: 5.014 ng
RT: 15.669 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:169 Resp: 16109

Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.1	79.7
167	35.9	29.0	43.6

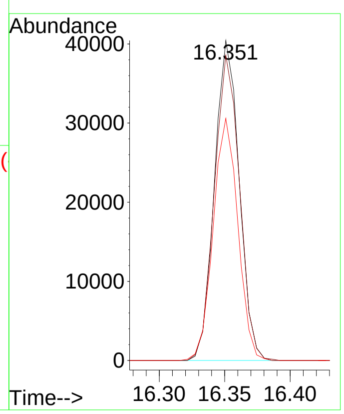




#67
4-Bromophenyl-phenylether
Concen: 4.857 ng
RT: 16.351 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:248 Resp: 52965

Ion	Ratio	Lower	Upper
248	100		
250	95.4	78.0	117.0
141	75.7	60.1	90.1



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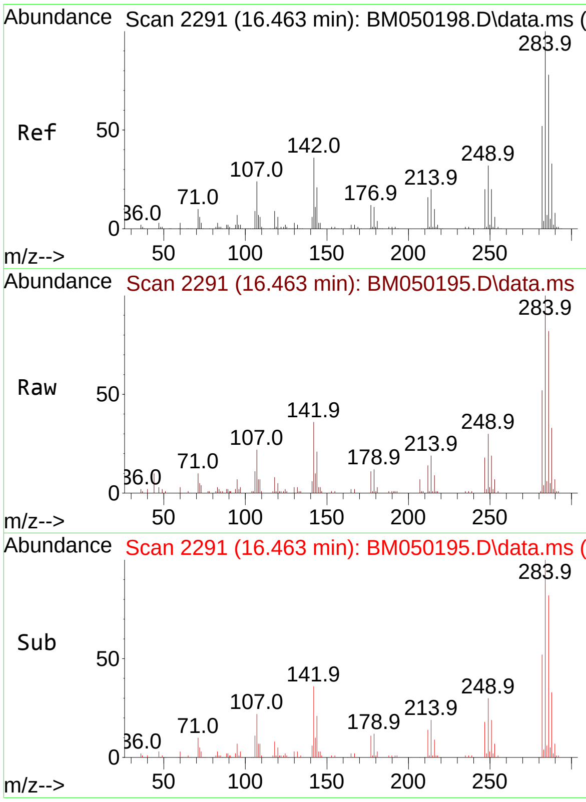

#68
Hexachlorobenzene
Concen: 5.000 ng
RT: 16.463 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:284 Resp: 63698

Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.8	43.2
249	30.3	25.8	38.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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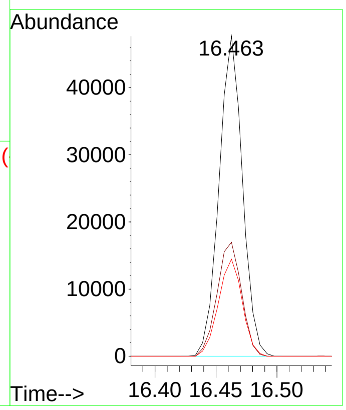
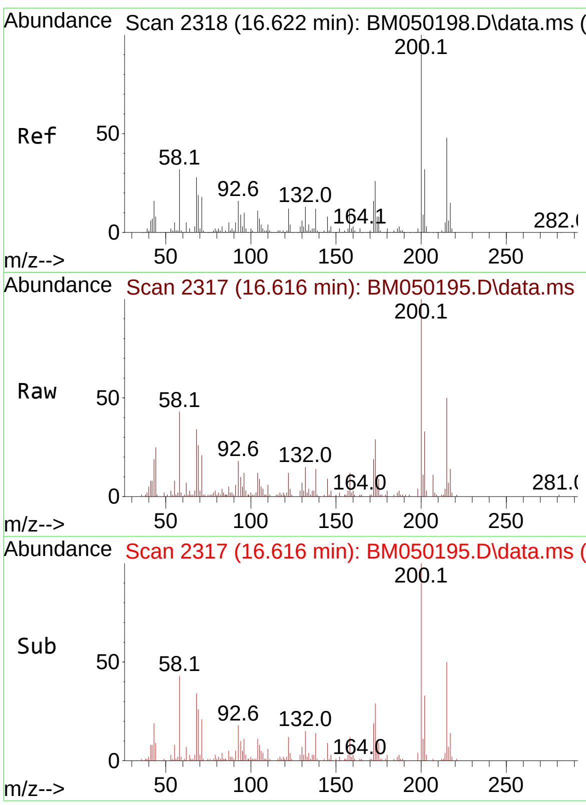
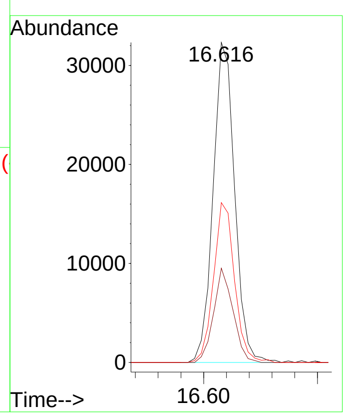




#69
Atrazine
Concen: 4.150 ng
RT: 16.616 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:200 Resp: 42483

Ion	Ratio	Lower	Upper
200	100		
173	29.5	6.0	46.0
215	50.0	28.1	68.1



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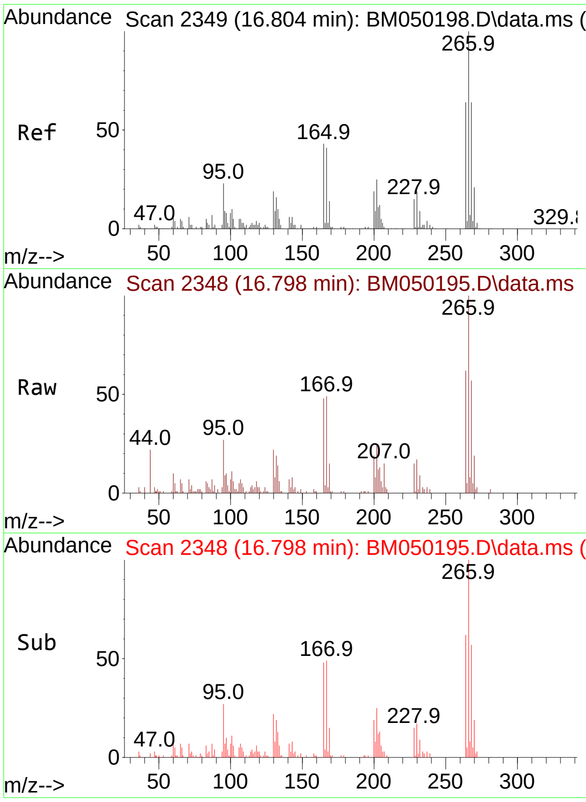

#70
Pentachlorophenol
Concen: 4.101 ng
RT: 16.798 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 3397

Ion	Ratio	Lower	Upper
266	100		
268	57.5	51.0	76.6
264	61.8	50.8	76.2

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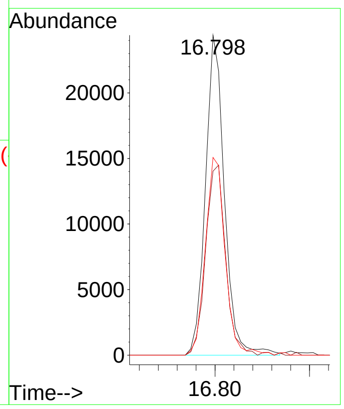
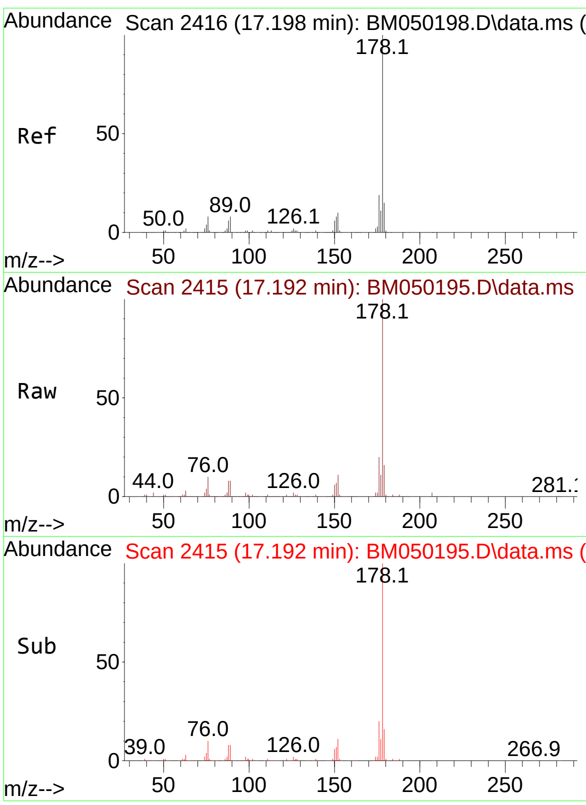
Supervised By :Jagrut Upadhyay   06/06/2025

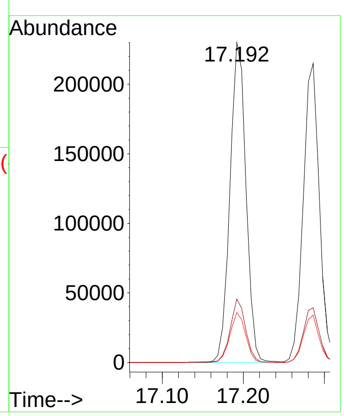


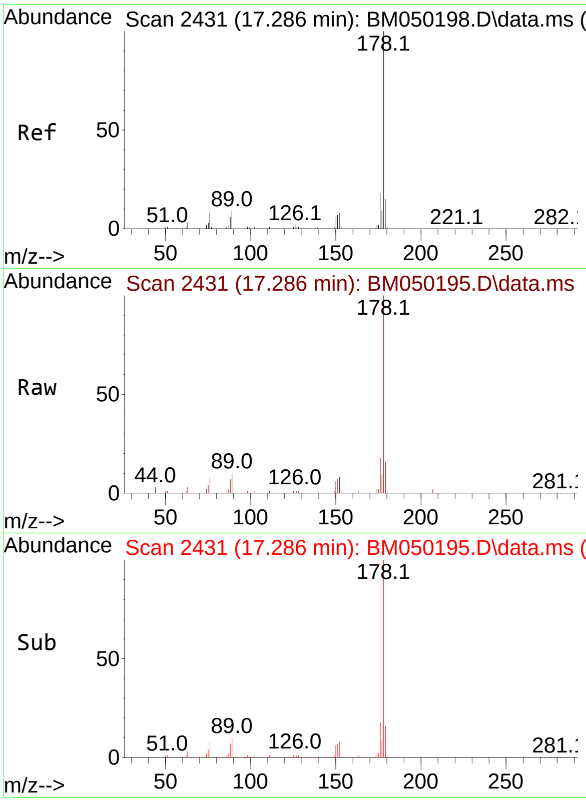


#71
Phenanthrene
Concen: 5.421 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:178 Resp: 316683

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.6	12.3	18.5





#72
Anthracene
Concen: 5.106 ng
RT: 17.286 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

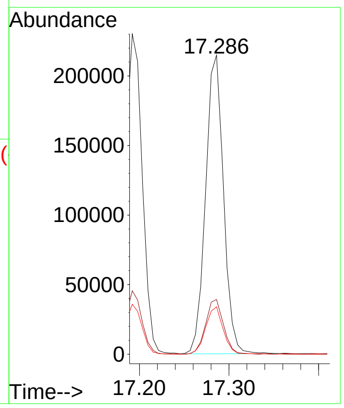
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

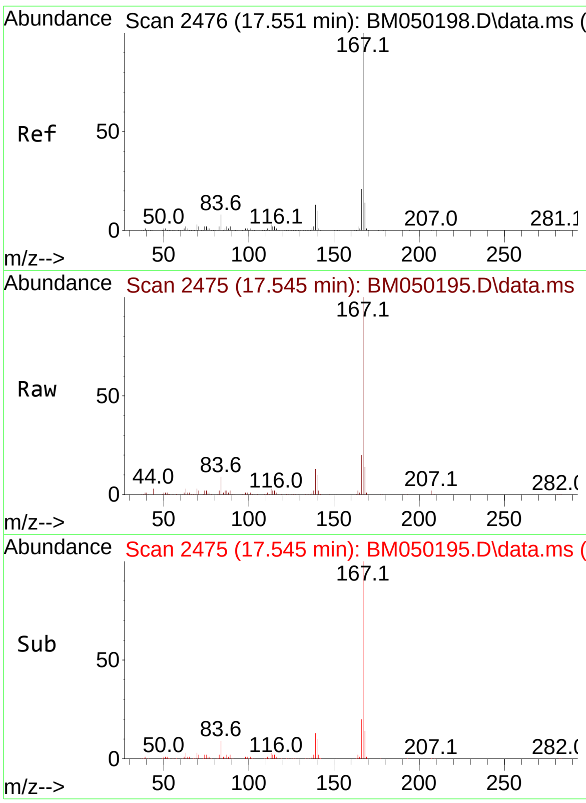
Tgt Ion:178 Resp: 29834(

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.8	12.3	18.5

Manual Integrations APPROVED

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

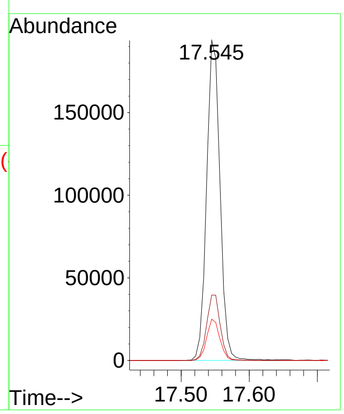


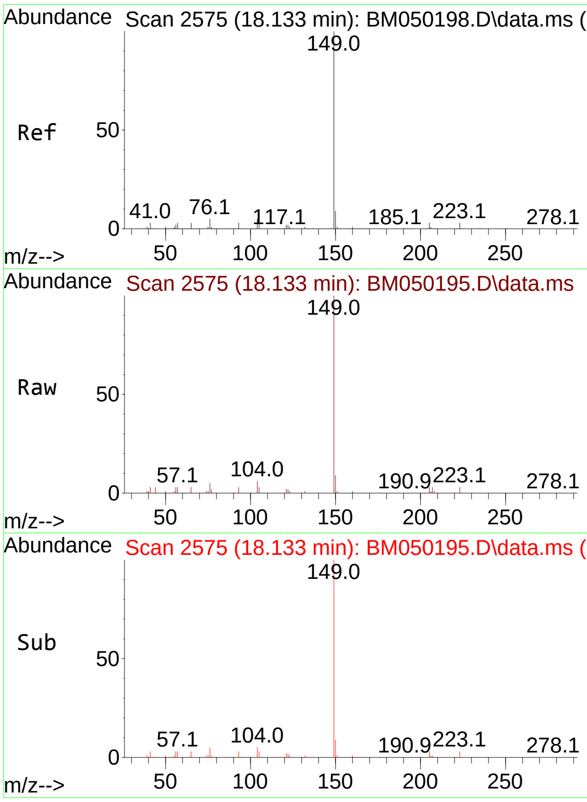


#73
Carbazole
Concen: 5.001 ng
RT: 17.545 min Scan# 2475
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:167 Resp: 266214

Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.0	25.6
139	12.9	10.2	15.4





#74
Di-n-butylphthalate
Concen: 4.406 ng
RT: 18.133 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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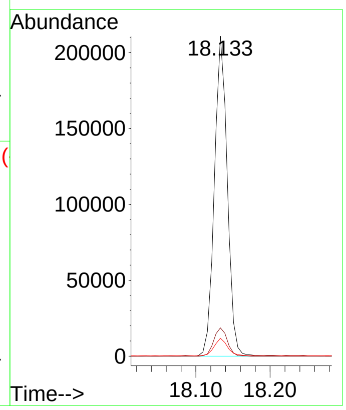
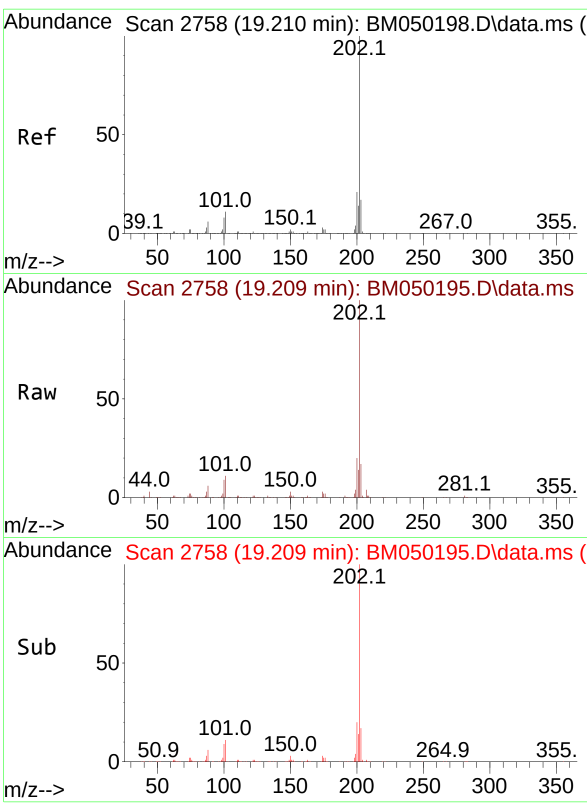
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

Tgt Ion:149 Resp: 25520

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.0
104	5.6	4.0	6.0

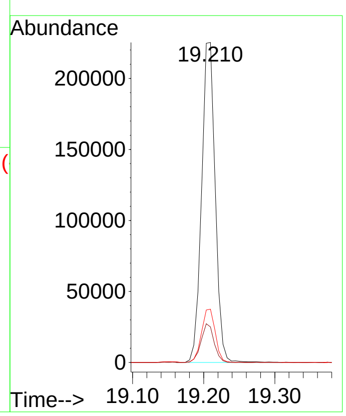




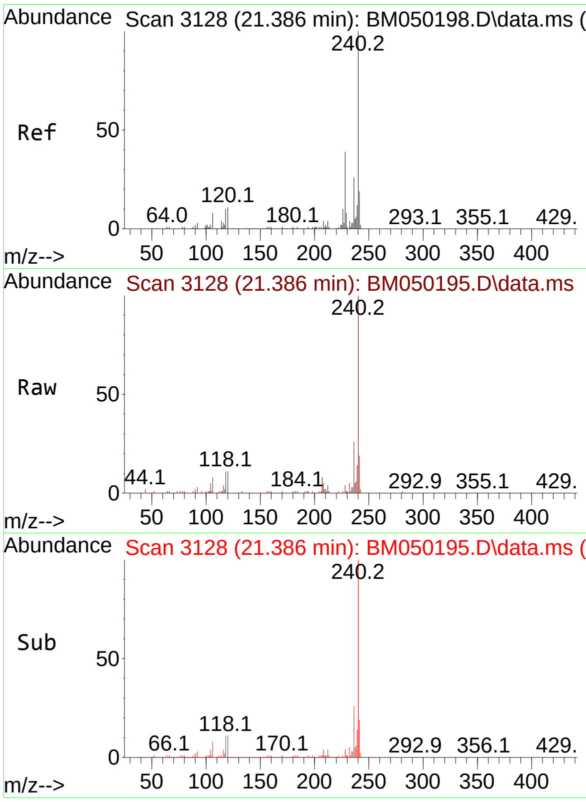
#75
Fluoranthene
Concen: 4.896 ng
RT: 19.209 min Scan# 2758
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:202 Resp: 301599

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	16.7	0.0	37.0



ICAL Form



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 964608

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	25.8	20.7	31.1

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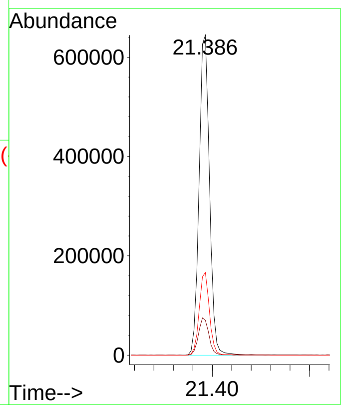
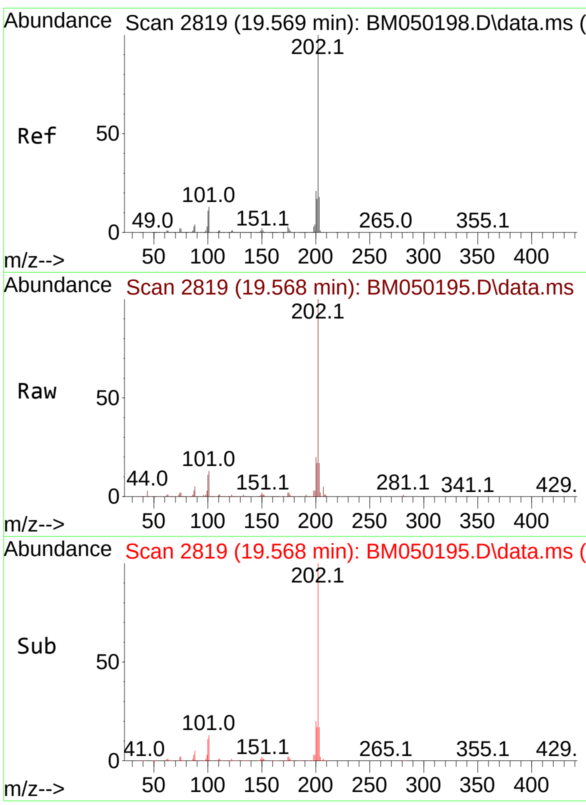
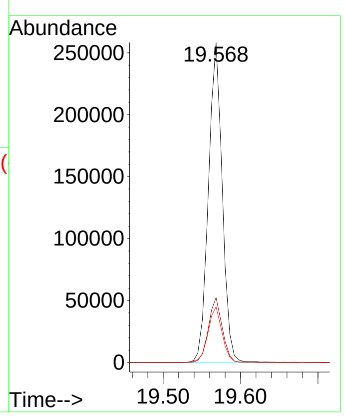




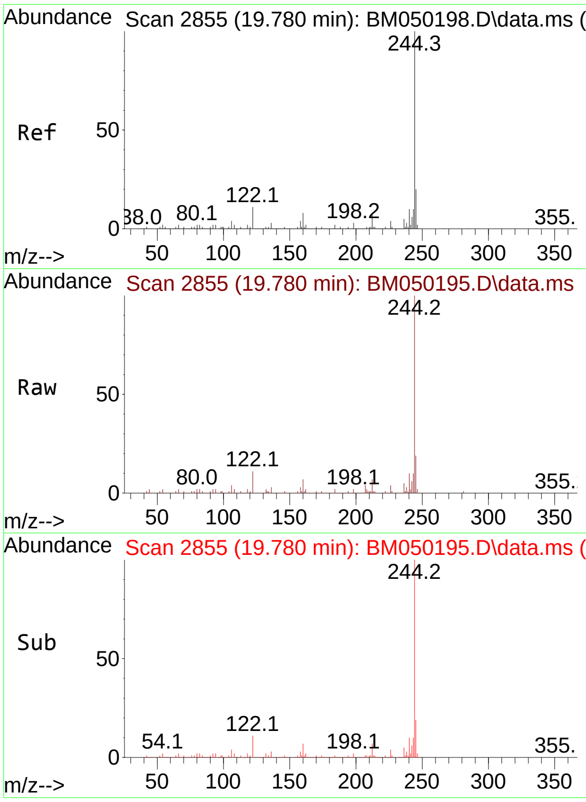
#78
Pyrene
Concen: 4.936 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:202 Resp: 320928

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.7	25.1
203	17.4	14.1	21.1



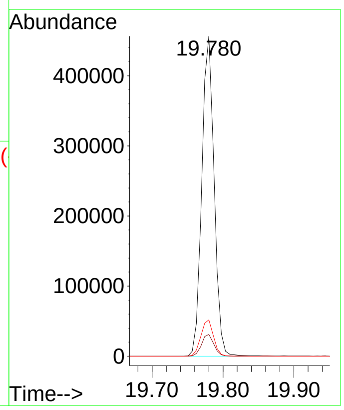
ICAL Form



#79
Terphenyl-d14
Concen: 10.873 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:244 Resp: 553477

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	11.4	8.6	12.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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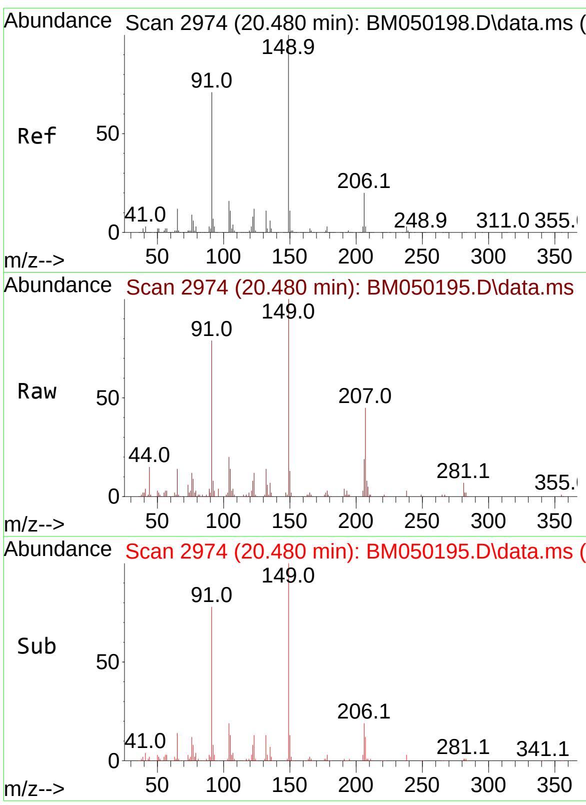
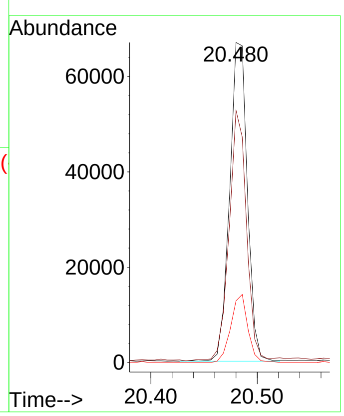
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



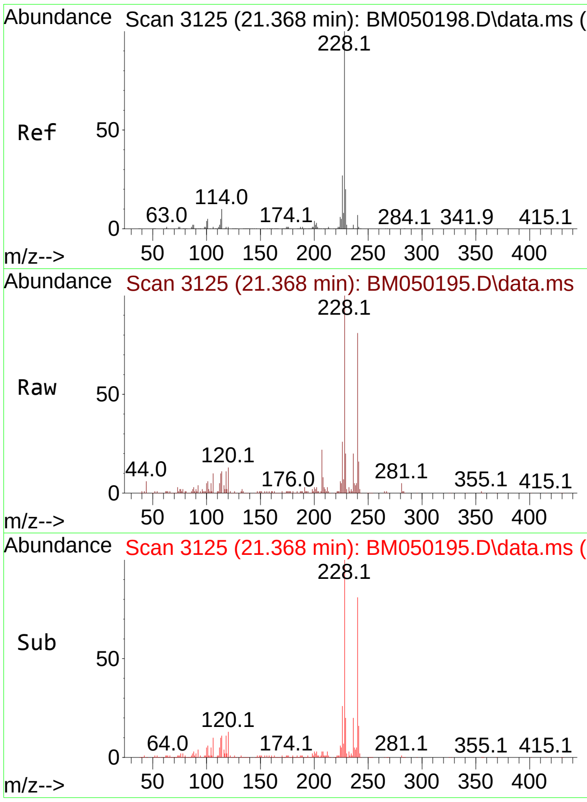
#80
Butylbenzylphthalate
Concen: 3.581 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:149 Resp: 77663

Ion	Ratio	Lower	Upper
149	100		
91	78.8	56.9	85.3
206	19.3	16.1	24.1



ICAL Form



#81
Benzo(a)anthracene
Concen: 5.022 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 30661

Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.7	32.5
229	19.5	15.7	23.5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/06/2025
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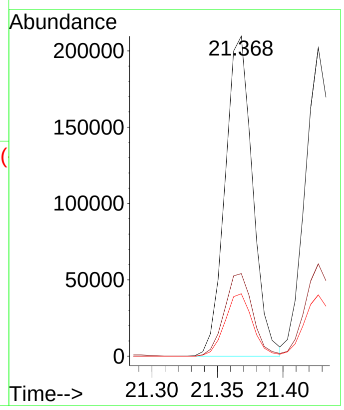
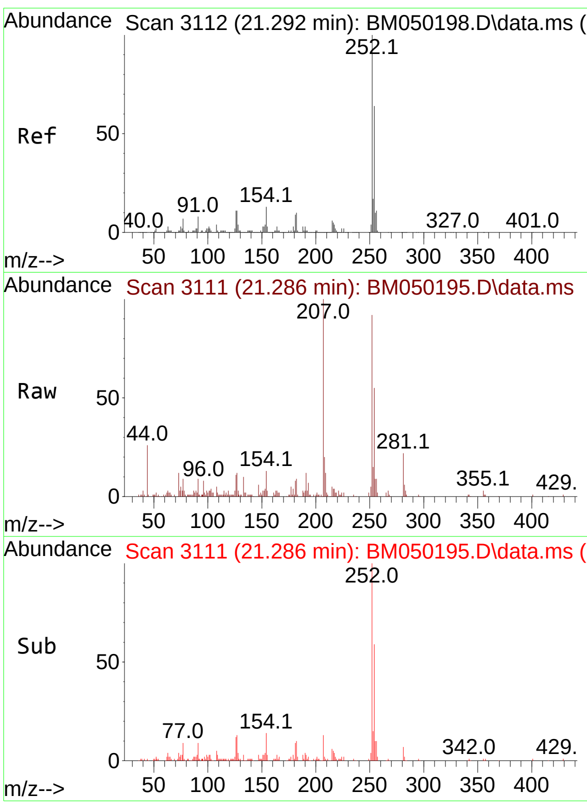
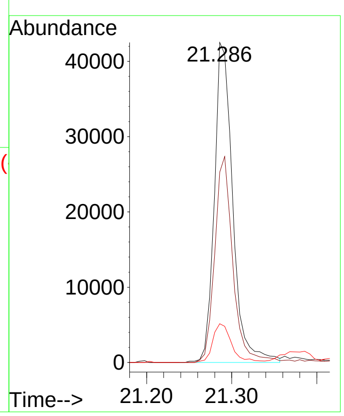




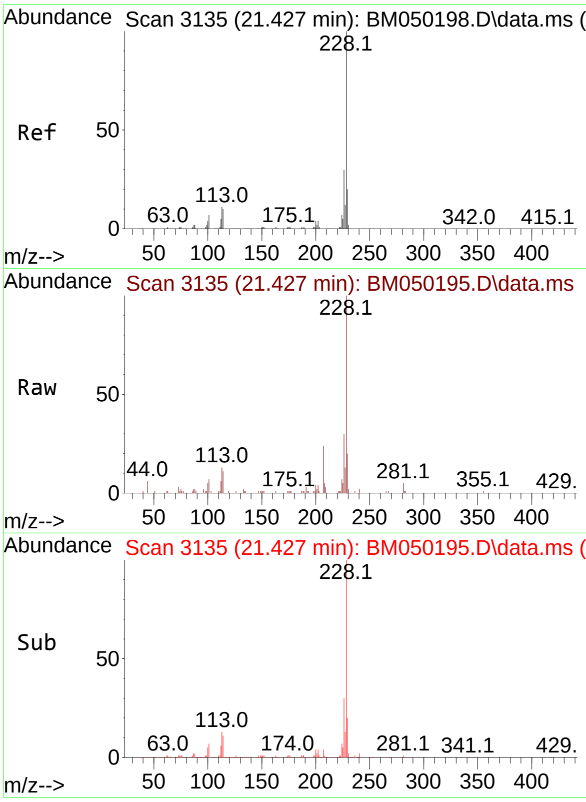
#82
3,3'-Dichlorobenzidine
Concen: 3.438 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:252 Resp: 64021

Ion	Ratio	Lower	Upper
252	100		
254	59.5	51.4	77.0
126	12.1	8.6	12.8



ICAL Form



#83
Chrysene
Concen: 5.130 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 29792

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.9	15.8	23.8

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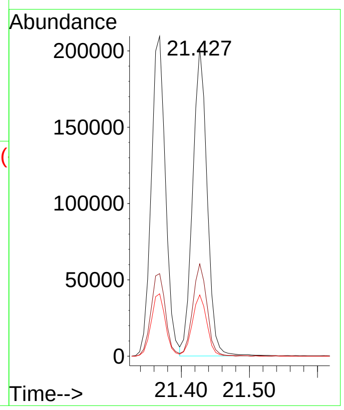
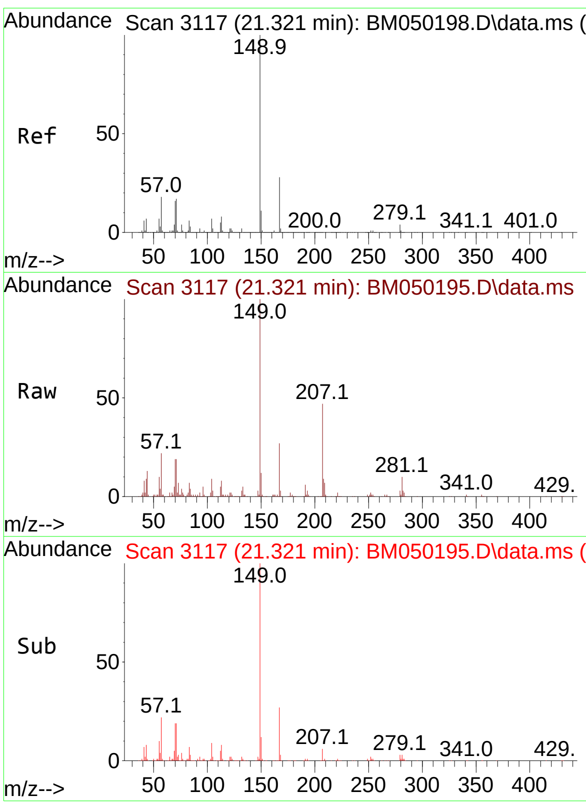
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

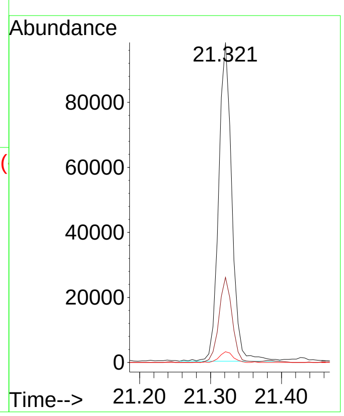


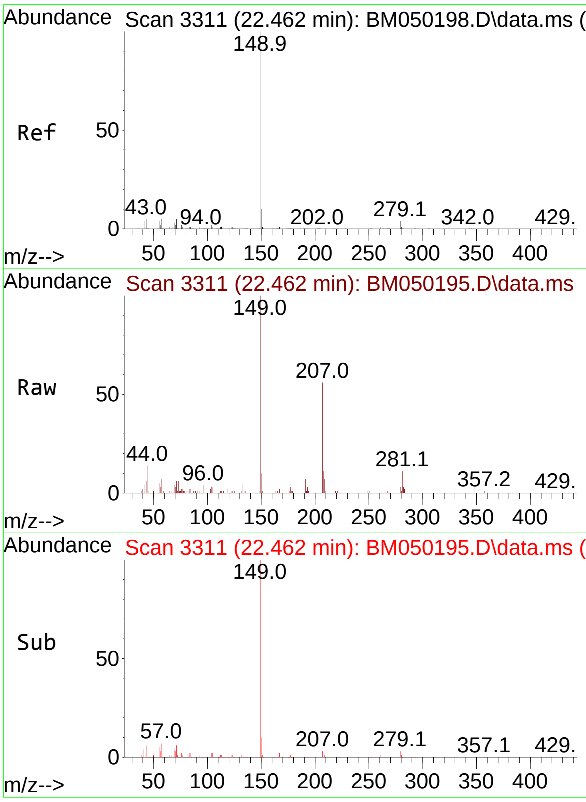


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.791 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:149 Resp: 126652

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.3	33.5
279	3.3	3.5	5.3#





#85
Di-n-octyl phthalate
Concen: 3.120 ng
RT: 22.462 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

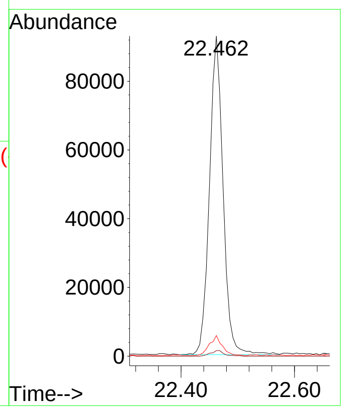
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

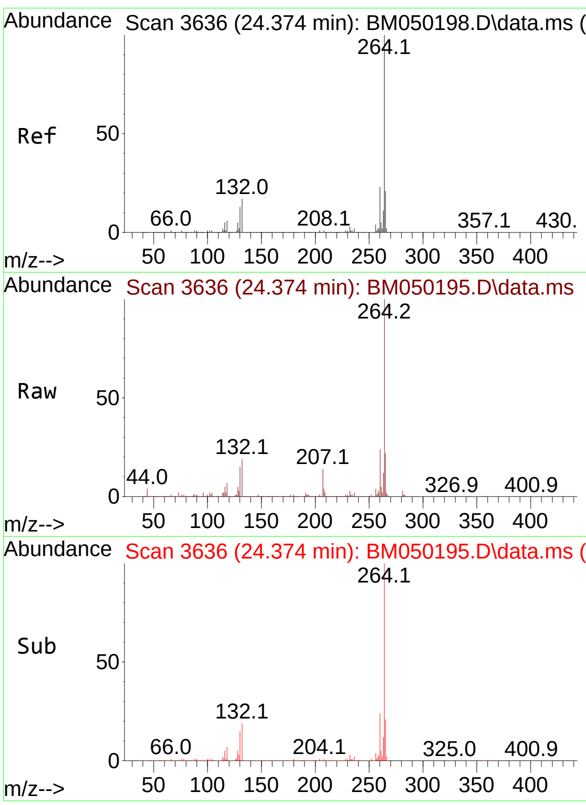
Manual Integrations APPROVED

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

Tgt Ion:149 Resp: 15466

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	5.9	3.8	5.8#

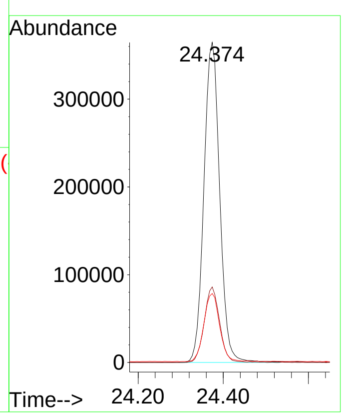


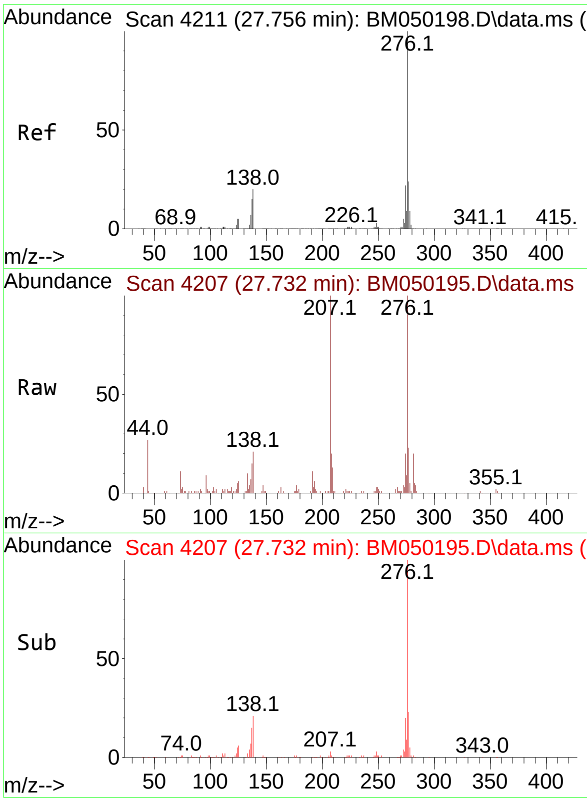


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:264 Resp: 941239

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.6	16.8	25.2





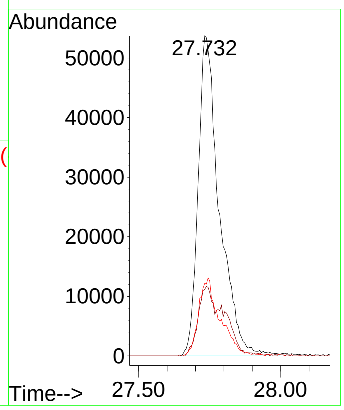
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.616 ng
RT: 27.732 min Scan# 4
Delta R.T. -0.024 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

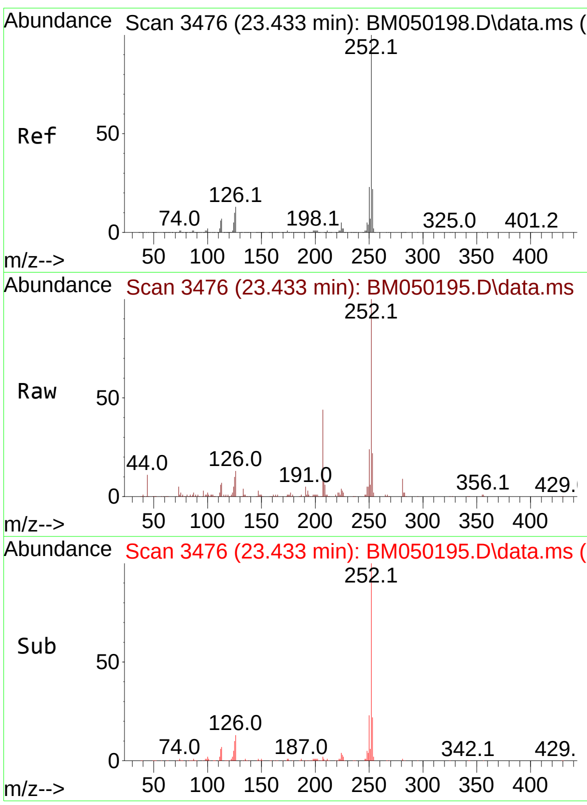
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

Tgt Ion:276 Resp: 27973(

Ion	Ratio	Lower	Upper
276	100		
138	16.0	20.6	30.8#
277	24.6	19.8	29.6

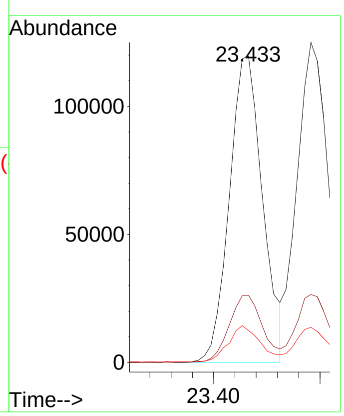




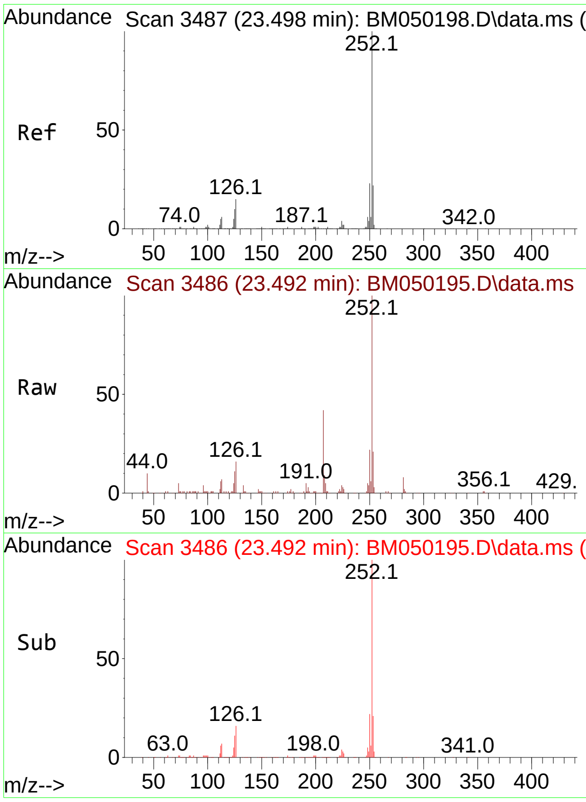
#88
Benzo(b)fluoranthene
Concen: 4.748 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:252 Resp: 259803

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.5	8.2	12.4



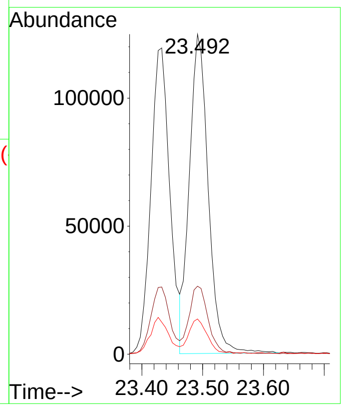
ICAL Form



#89
Benzo(k)fluoranthene
Concen: 4.808 ng
RT: 23.492 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:252 Resp: 26859

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	11.0	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
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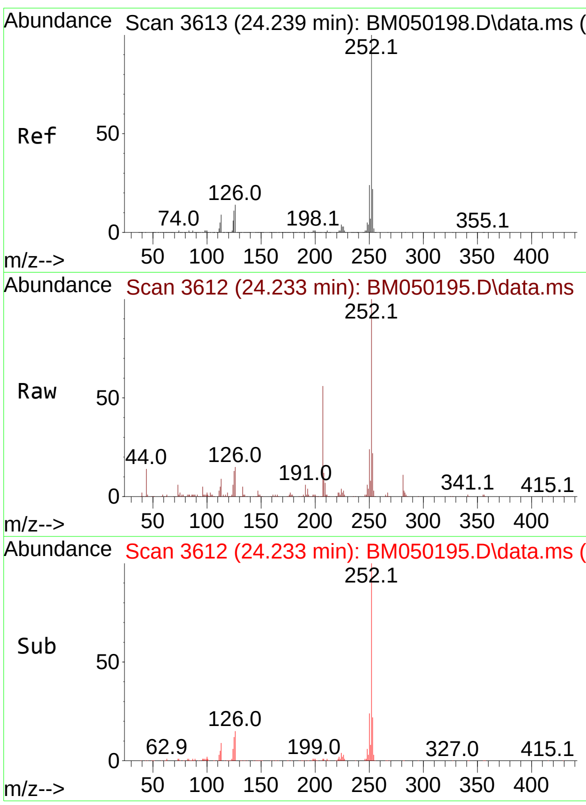
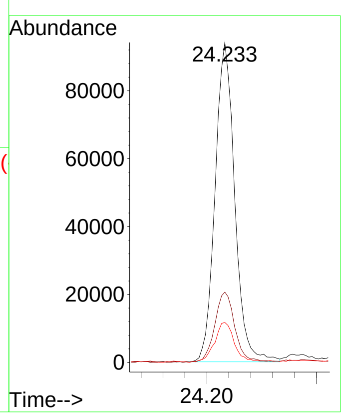
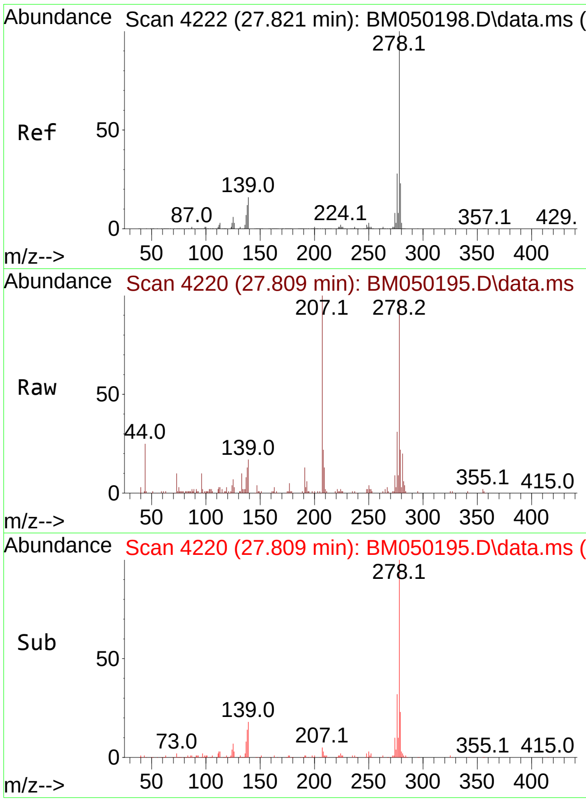


#90
Benzo(a)pyrene
Concen: 4.545 ng
RT: 24.233 min Scan# 3612
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:252 Resp: 233858

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	12.5	9.0	13.4





#91
Dibenzo(a,h)anthracene
Concen: 4.561 ng
RT: 27.809 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

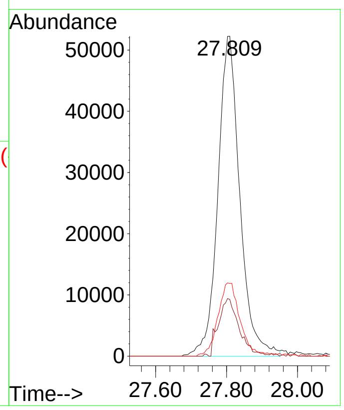
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

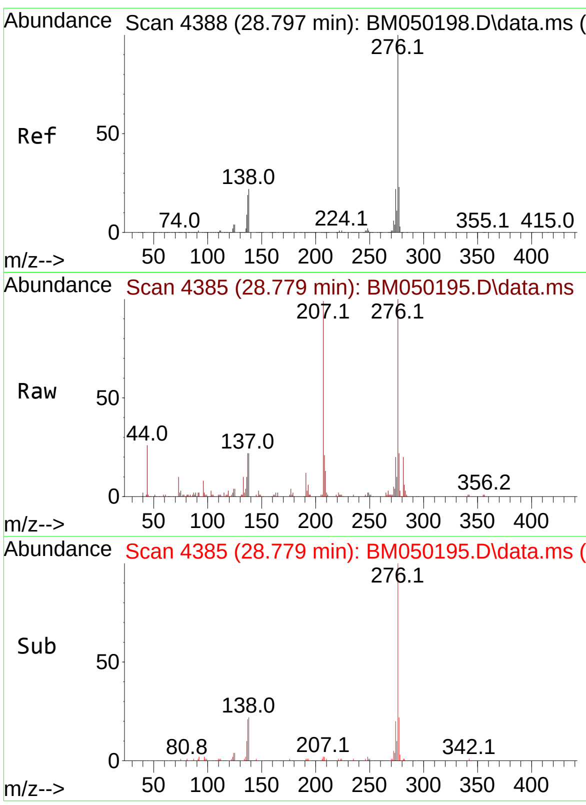
Manual Integrations APPROVED

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

Tgt Ion:278 Resp: 22437

Ion	Ratio	Lower	Upper
278	100		
139	17.8	12.8	19.2
279	22.7	18.6	28.0

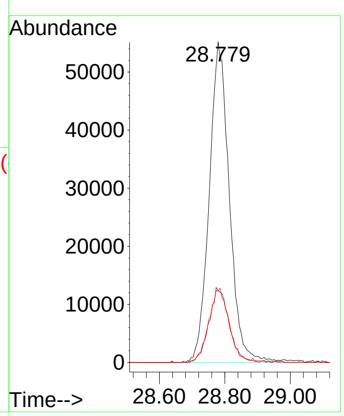




#92
Benzo(g,h,i)perylene
Concen: 4.789 ng
RT: 28.779 min Scan# 4385
Delta R.T. -0.018 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:276 Resp: 235785

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	27.8
138	22.2	17.8	26.6



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050196.D
Acq On : 05 Jun 2025 10:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

Quant Time: Jun 05 14:58:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	257321	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	1031213	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	597701	20.000	ng		0.00
64) Phenanthrene-d10	17.151	188	1092132	20.000	ng		0.00
76) Chrysene-d12	21.386	240	1044209	20.000	ng		0.00
86) Perylene-d12	24.374	264	1027174	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	306899	19.895	ng		0.00
7) Phenol-d6	6.946	99	391479	19.279	ng		0.00
23) Nitrobenzene-d5	8.934	82	373577	18.841	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	127081	18.693	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	918043	20.795	ng		0.00
79) Terphenyl-d14	19.780	244	1136477	20.625	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	71029	10.505	ng		97
3) Pyridine	3.687	79	173970	9.935	ng		98
4) n-Nitrosodimethylamine	3.599	42	34098	9.417	ng	#	99
6) Aniline	7.110	93	259330	9.660	ng		99
8) 2-Chlorophenol	7.351	128	161982	9.547	ng		99
9) Benzaldehyde	6.928	77	139011	10.767	ng		99
10) Phenol	6.969	94	211509	9.844	ng		99
11) bis(2-Chloroethyl)ether	7.210	93	169669	9.818	ng		99
12) 1,3-Dichlorobenzene	7.681	146	188081	9.915	ng		98
13) 1,4-Dichlorobenzene	7.822	146	198637	10.065	ng		99
14) 1,2-Dichlorobenzene	8.140	146	187370	9.959	ng		99
15) Benzyl Alcohol	8.022	79	134400	9.280	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	122149	10.175	ng		97
17) 2-Methylphenol	8.222	107	134124	9.461	ng		100
18) Hexachloroethane	8.869	117	70045	9.800	ng		98
19) n-Nitroso-di-n-propyla...	8.592	70	121867	9.807	ng		97
20) 3+4-Methylphenols	8.545	107	176847	9.324	ng		99
22) Acetophenone	8.604	105	260808	10.123	ng	#	98
24) Nitrobenzene	8.975	77	173945	9.646	ng		99
25) Isophorone	9.504	82	321944	9.407	ng		99
26) 2-Nitrophenol	9.687	139	64131	8.239	ng		96
27) 2,4-Dimethylphenol	9.751	122	153659	9.598	ng		99
28) bis(2-Chloroethoxy)met...	9.992	93	213076	9.531	ng		99
29) 2,4-Dichlorophenol	10.216	162	135013	9.122	ng		95
30) 1,2,4-Trichlorobenzene	10.439	180	158337	9.614	ng		99
31) Naphthalene	10.628	128	536516	10.063	ng		99
32) Benzoic acid	9.810	122	65412	6.508	ng		99
33) 4-Chloroaniline	10.728	127	218016	9.591	ng		99
34) Hexachlorobutadiene	10.922	225	94772	9.674	ng		98
35) Caprolactam	11.469	113	39590	8.437	ng		95
36) 4-Chloro-3-methylphenol	11.845	107	142482	9.022	ng		98
37) 2-Methylnaphthalene	12.239	142	305385	9.495	ng		97
38) 1-Methylnaphthalene	12.457	142	328309	9.617	ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	167598	9.711	ng		98
41) Hexachlorocyclopentadiene	12.598	237	91203	8.701	ng		95
43) 2,4,6-Trichlorophenol	12.845	196	103556	9.124	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050196.D
Acq On : 05 Jun 2025 10:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

Quant Time: Jun 05 14:58:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	114017	9.149 ng		98
46) 1,1'-Biphenyl	13.251	154	452133	10.102 ng		100
47) 2-Chloronaphthalene	13.286	162	356687	10.251 ng		99
48) 2-Nitroaniline	13.480	65	61491	8.031 ng		89
49) Acenaphthylene	14.133	152	548052	9.738 ng		99
50) Dimethylphthalate	13.874	163	384143	9.503 ng		99
51) 2,6-Dinitrotoluene	13.980	165	69112	8.478 ng		95
52) Acenaphthene	14.480	154	351485	9.985 ng		99
53) 3-Nitroaniline	14.304	138	75418	8.301 ng		97
54) 2,4-Dinitrophenol	14.510	184	27888	10.741 ng		98
55) Dibenzofuran	14.816	168	511101	9.925 ng		98
56) 4-Nitrophenol	14.604	139	64450	8.335 ng		99
57) 2,4-Dinitrotoluene	14.763	165	84481	7.856 ng		91
58) Fluorene	15.463	166	405716	10.286 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	98715m	9.156 ng		
60) Diethylphthalate	15.239	149	380099	9.477 ng		100
61) 4-Chlorophenyl-phenyle...	15.463	204	196034	10.283 ng		100
62) 4-Nitroaniline	15.463	138	70517	8.281 ng		97
63) Azobenzene	15.751	77	397398	9.913 ng		97
65) 4,6-Dinitro-2-methylph...	15.527	198	40699	6.823 ng		94
66) n-Nitrosodiphenylamine	15.668	169	341695	9.957 ng		99
67) 4-Bromophenyl-phenylether	16.351	248	111429	9.568 ng		96
68) Hexachlorobenzene	16.463	284	130925	9.622 ng		99
69) Atrazine	16.621	200	96720	8.846 ng		98
70) Pentachlorophenol	16.798	266	75315	8.513 ng		100
71) Phenanthrene	17.192	178	630983	10.114 ng		99
72) Anthracene	17.286	178	619530	9.926 ng		99
73) Carbazole	17.551	167	547511	9.629 ng		100
74) Di-n-butylphthalate	18.133	149	549702	8.885 ng		99
75) Fluoranthene	19.204	202	622189	9.457 ng		98
77) Benzidine	19.392	184	199082	6.780 ng		99
78) Pyrene	19.568	202	682132	9.692 ng		99
80) Butylbenzylphthalate	20.480	149	181298	7.723 ng		96
81) Benzo(a)anthracene	21.368	228	642785	9.725 ng		98
82) 3,3'-Dichlorobenzidine	21.292	252	157266	7.803 ng		99
83) Chrysene	21.427	228	618398	9.836 ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	299821	8.291 ng		96
85) Di-n-octyl phthalate	22.462	149	380681	7.094 ng		99
87) Indeno(1,2,3-cd)pyrene	27.738	276	607722	9.189 ng	#	92
88) Benzo(b)fluoranthene	23.433	252	555747	9.306 ng		98
89) Benzo(k)fluoranthene	23.497	252	589937	9.677 ng		99
90) Benzo(a)pyrene	24.233	252	517175	9.211 ng		99
91) Dibenzo(a,h)anthracene	27.809	278	496324	9.245 ng		98
92) Benzo(g,h,i)perylene	28.785	276	502232	9.347 ng		98

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

Quantitation Report (QT Reviewed)

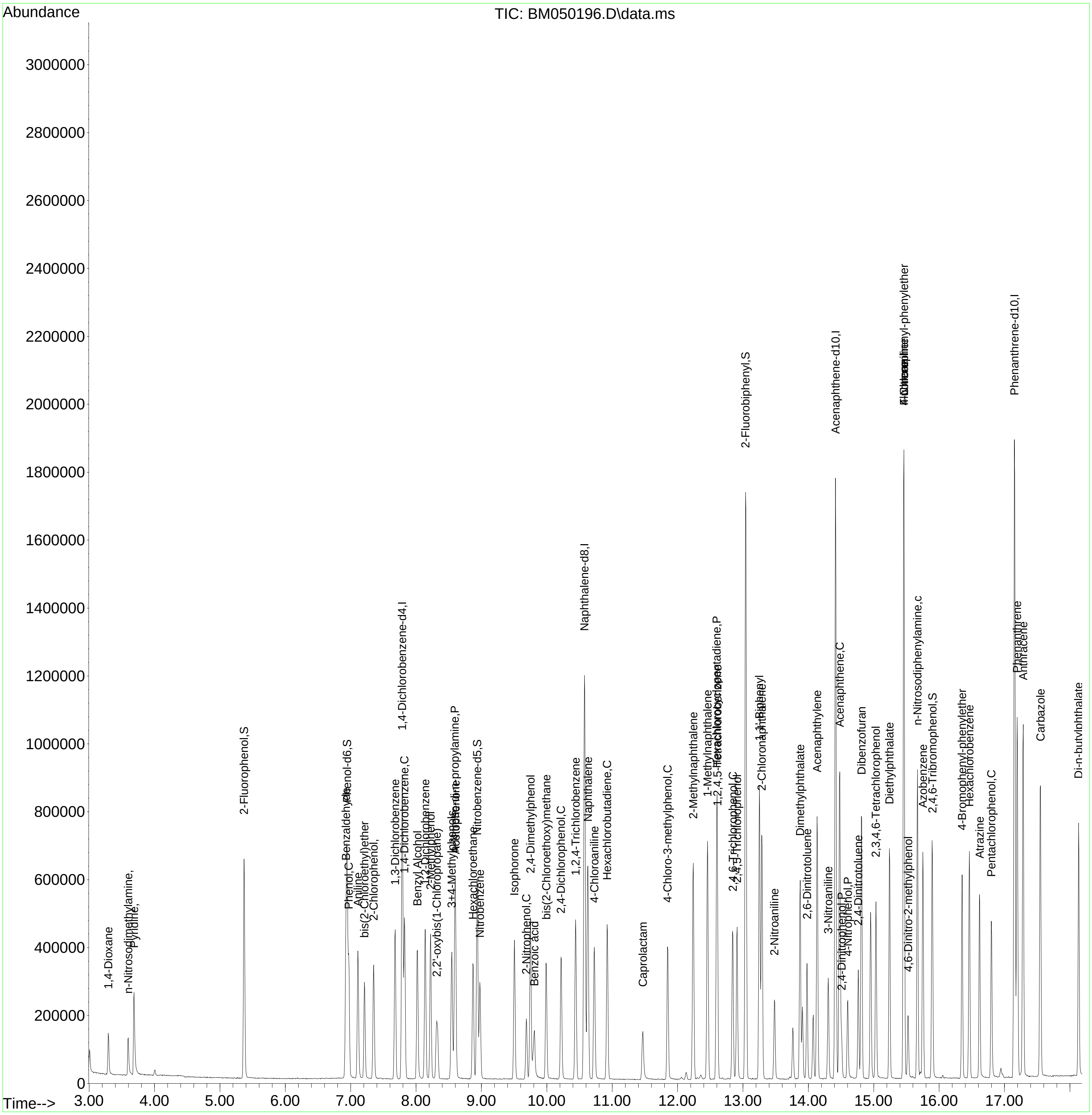
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050196.D
Acq On : 05 Jun 2025 10:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

Quant Time: Jun 05 14:58:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050196.D
Acq On : 05 Jun 2025 10:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
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Quant Time: Jun 05 14:58:04 2025
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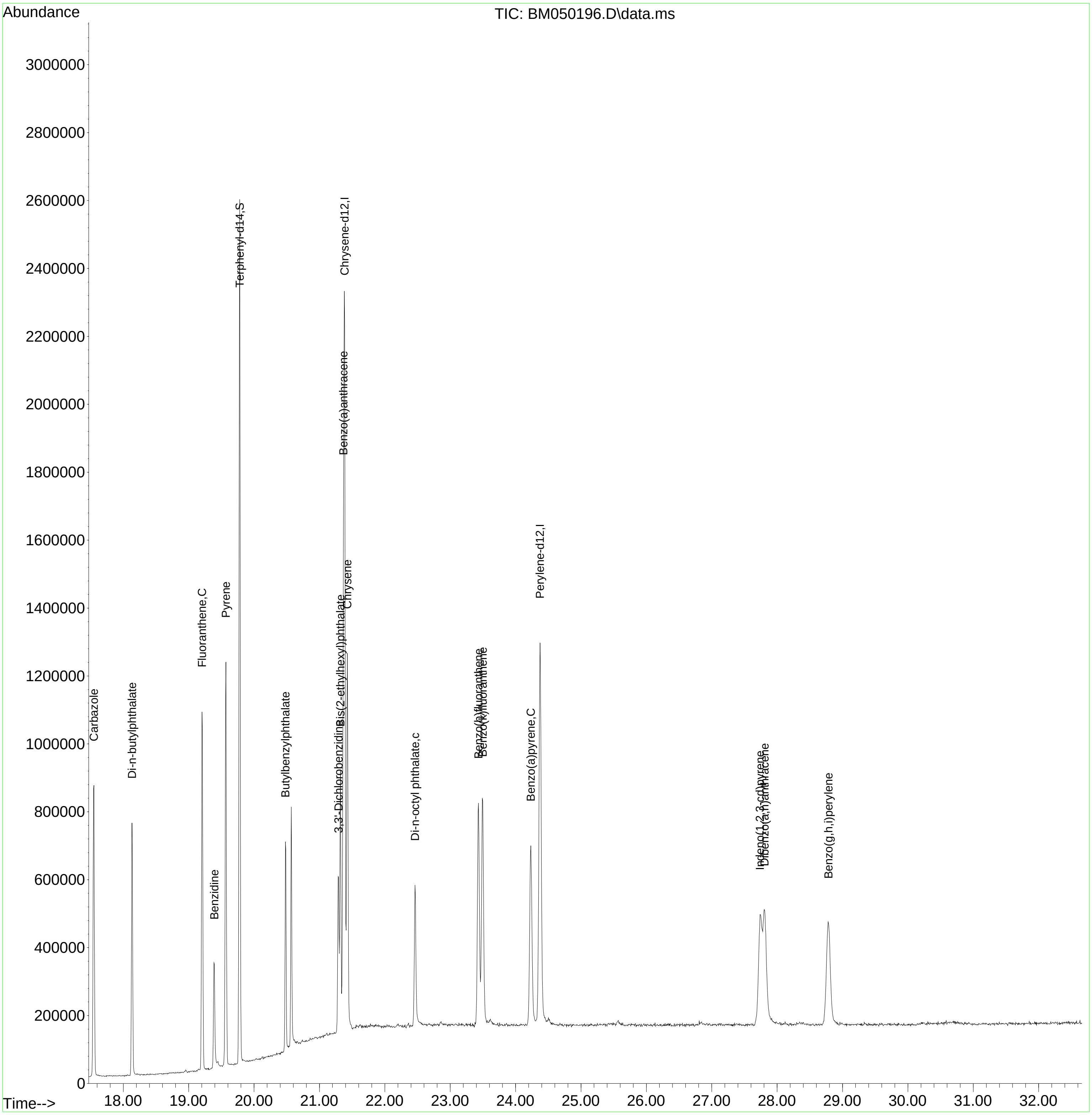
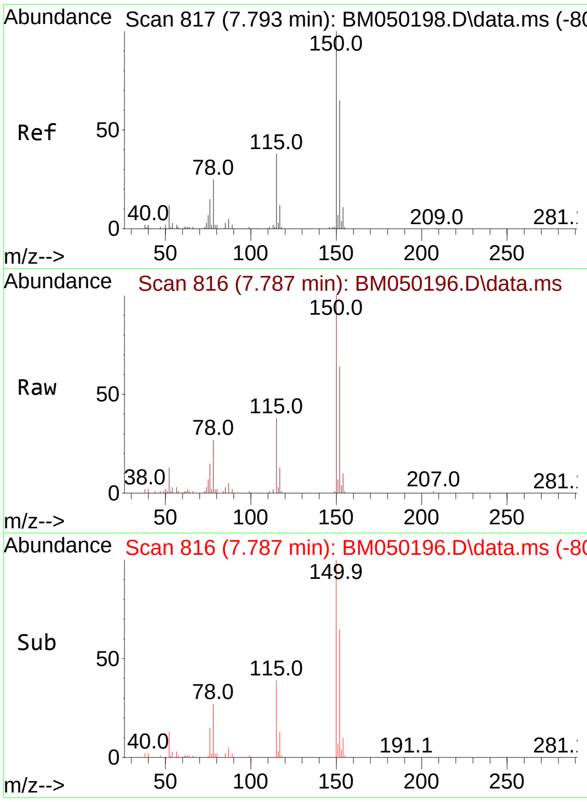
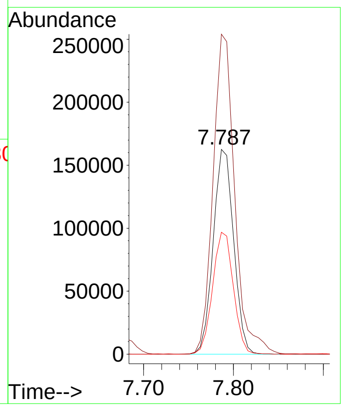




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:152 Resp: 25732

Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.2	183.4
115	59.6	46.3	69.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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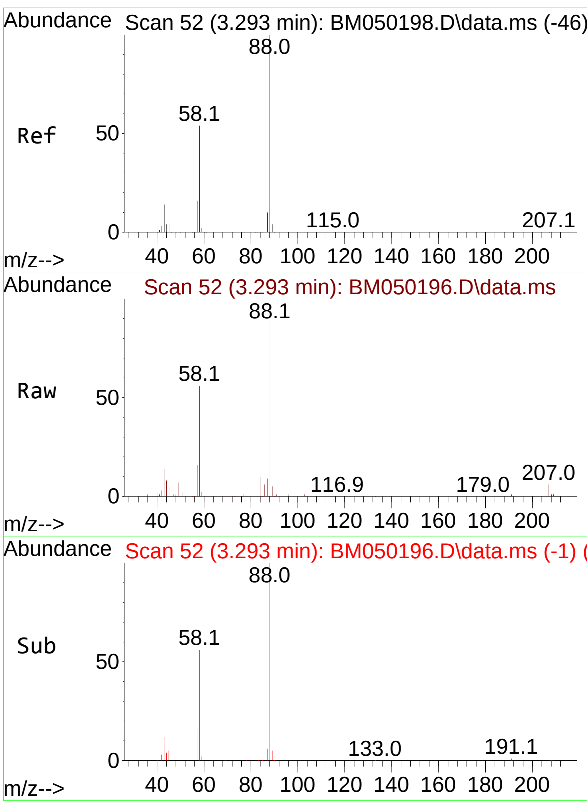
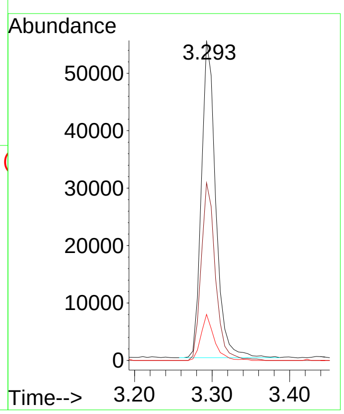


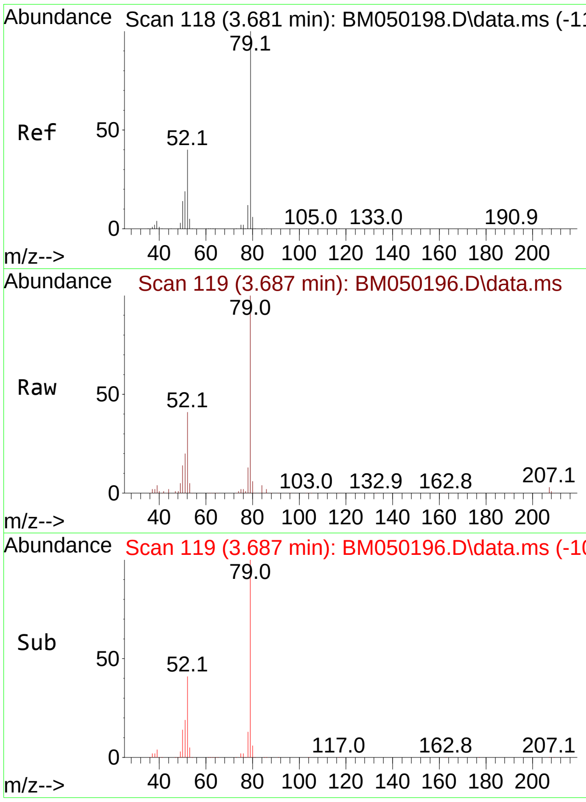
#2
1,4-Dioxane
Concen: 10.505 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 88 Resp: 71029

Ion	Ratio	Lower	Upper
88	100		
58	55.7	42.9	64.3
43	13.5	11.0	16.6



ICAL Form



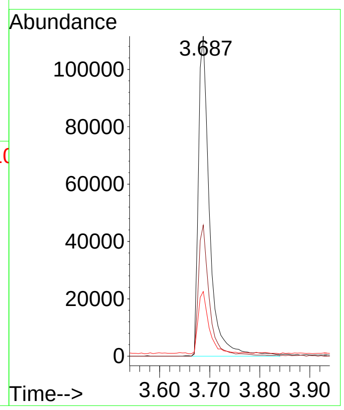
#3
Pyridine
Concen: 9.935 ng
RT: 3.687 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

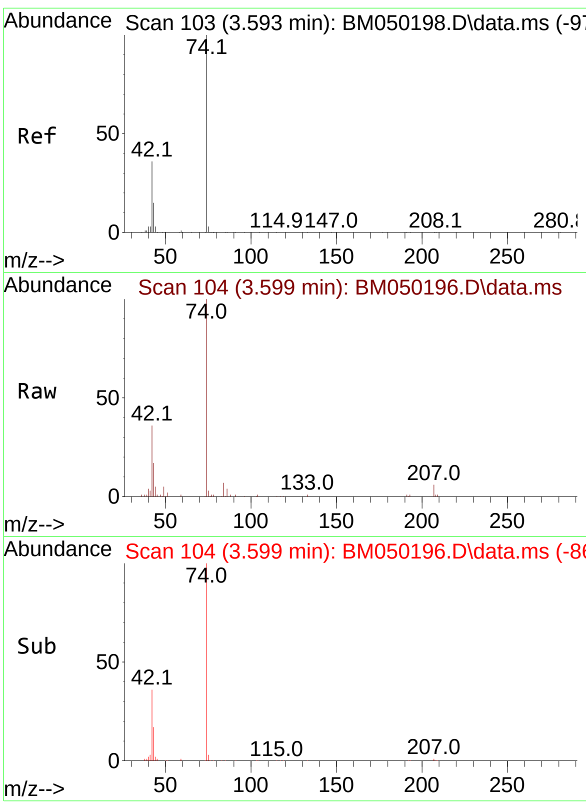
Tgt Ion: 79 Resp: 173970

Ion	Ratio	Lower	Upper
79	100		
52	41.0	32.1	48.1
51	20.2	15.4	23.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

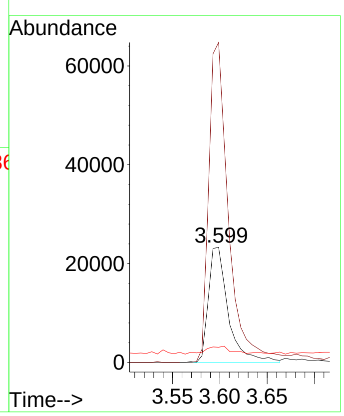




#4
n-Nitrosodimethylamine
Concen: 9.417 ng
RT: 3.599 min Scan# 104
Delta R.T. 0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 42 Resp: 34098

Ion	Ratio	Lower	Upper
42	100		
74	277.9	222.0	333.0
44	13.2	7.0	10.6#



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

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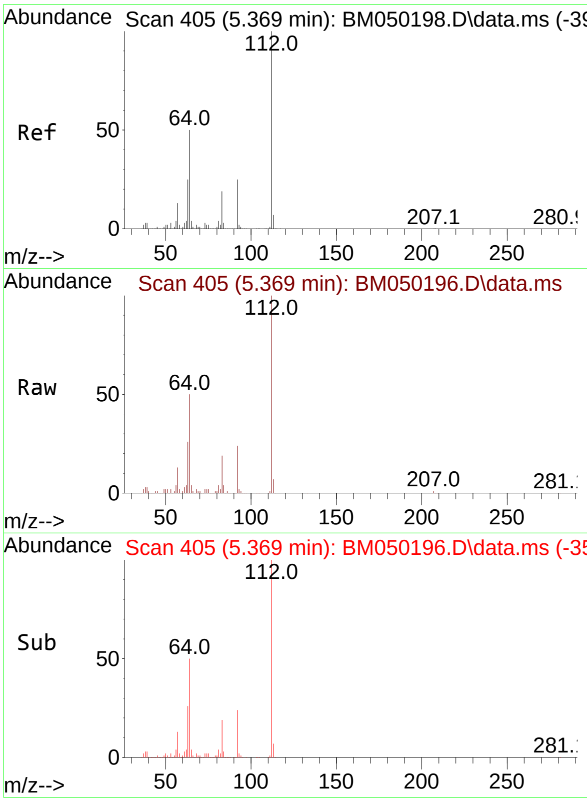
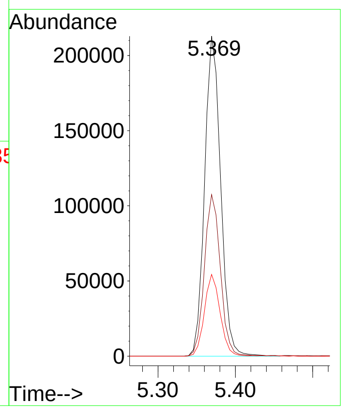
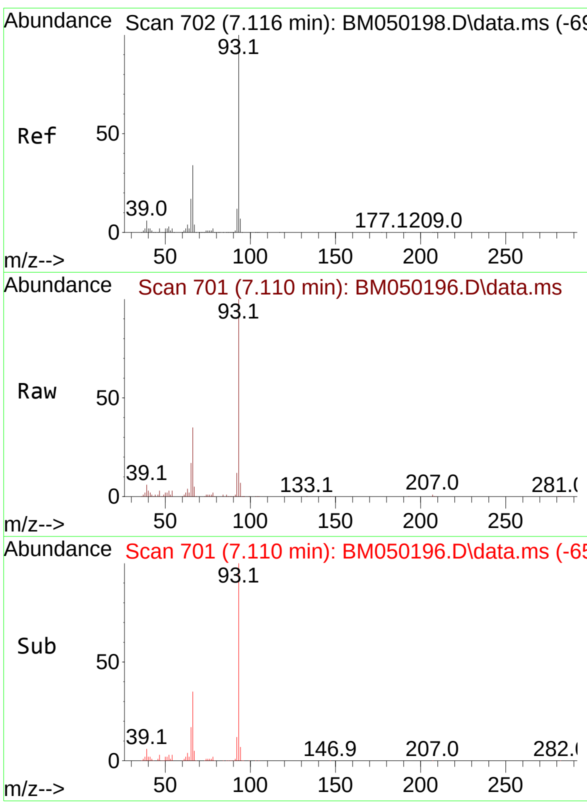


#5
2-Fluorophenol
Concen: 19.895 ng
RT: 5.369 min Scan# 40
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:112 Resp: 306899

Ion	Ratio	Lower	Upper
112	100		
64	50.5	39.8	59.6
63	25.5	19.8	29.8

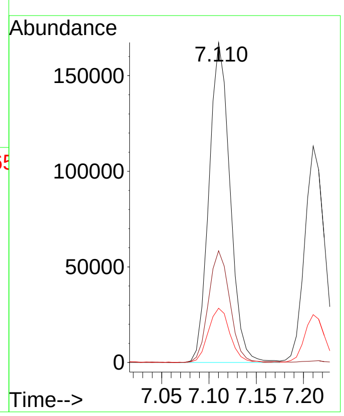




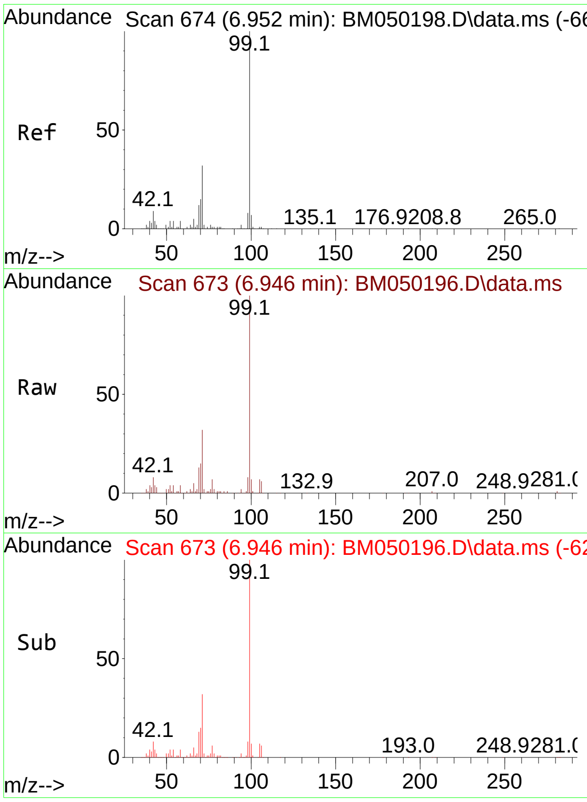
#6
Aniline
Concen: 9.660 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 93 Resp: 259330

Ion	Ratio	Lower	Upper
93	100		
66	34.9	27.4	41.2
65	17.0	13.6	20.4



ICAL Form



#7
Phenol-d6
Concen: 19.279 ng
RT: 6.946 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

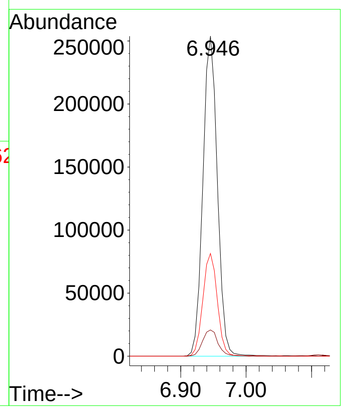
Tgt Ion: 99 Resp: 39147

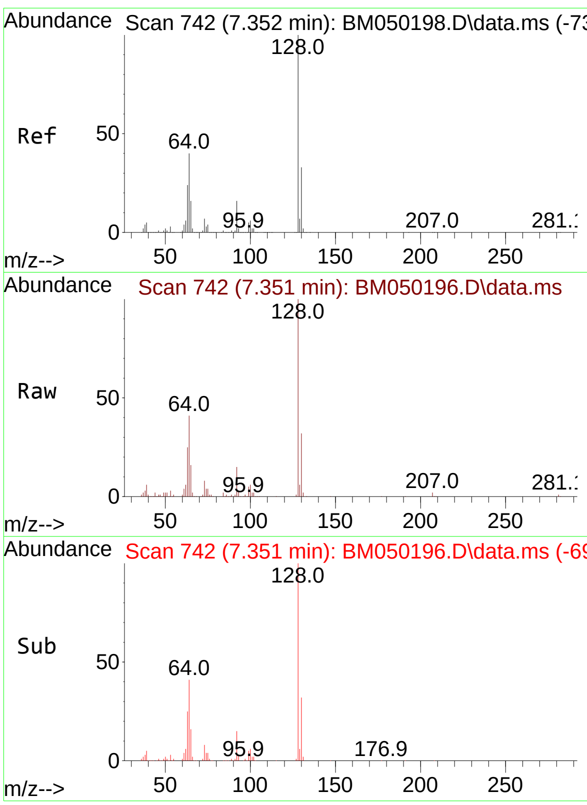
Ion	Ratio	Lower	Upper
99	100		
42	8.2	6.9	10.3
71	32.1	25.3	37.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

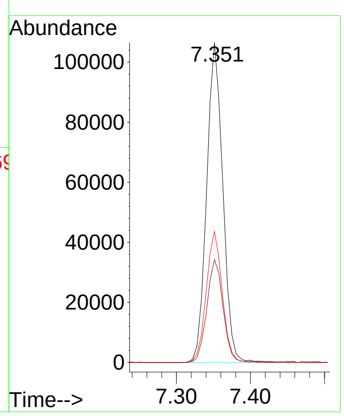


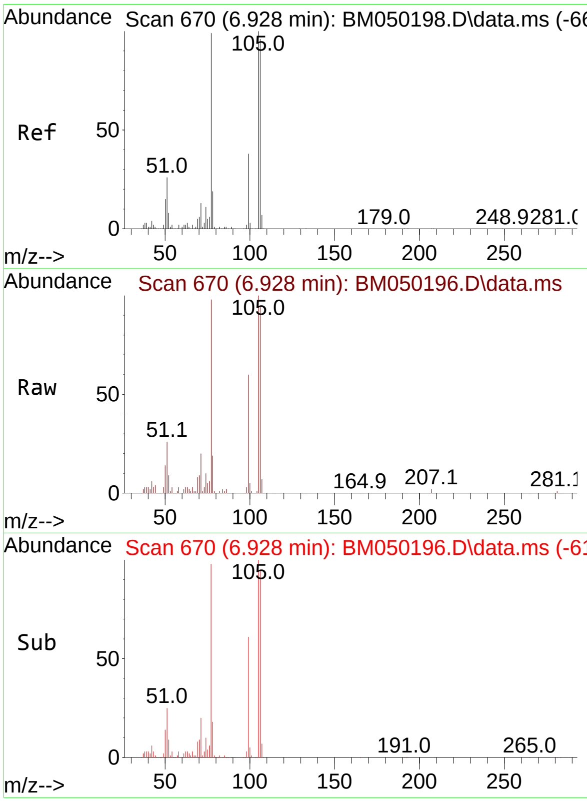


#8
2-Chlorophenol
Concen: 9.547 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:128 Resp: 161982

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.6	52.6
64	40.9	19.8	59.8

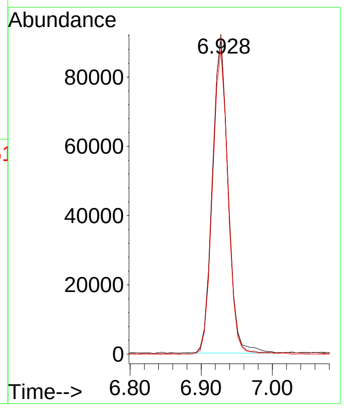




#9
Benzaldehyde
Concen: 10.767 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 77 Resp: 139011

Ion	Ratio	Lower	Upper
77	100		
105	102.1	80.9	120.9
106	97.0	77.1	117.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/05/2025
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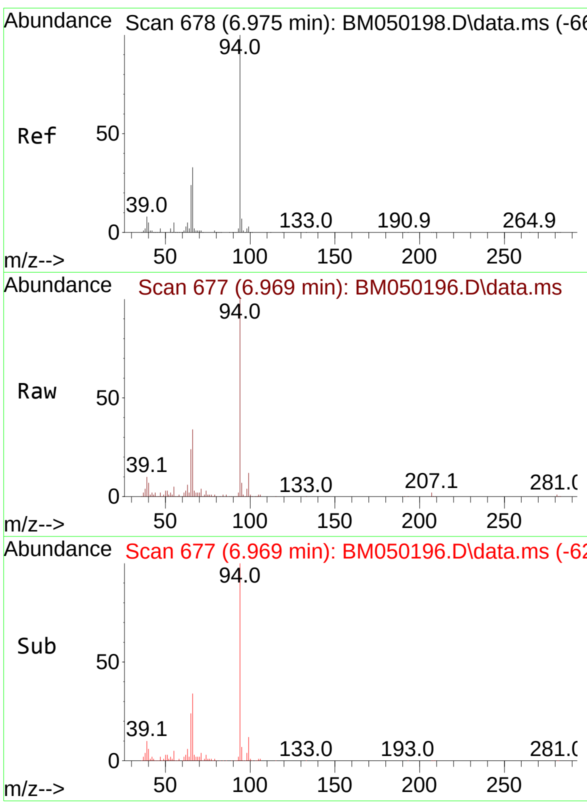
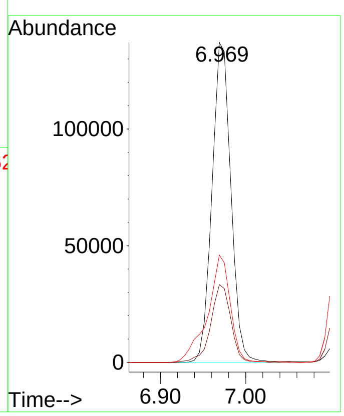


#10
Phenol
Concen: 9.844 ng
RT: 6.969 min Scan# 677
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

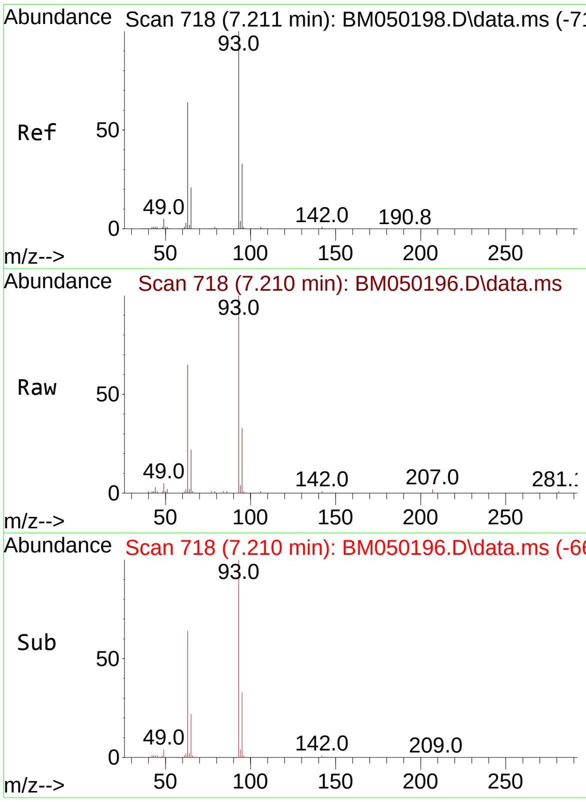
Tgt Ion: 94 Resp: 211509

Ion	Ratio	Lower	Upper
94	100		
65	24.3	4.3	44.3
66	33.5	12.9	52.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

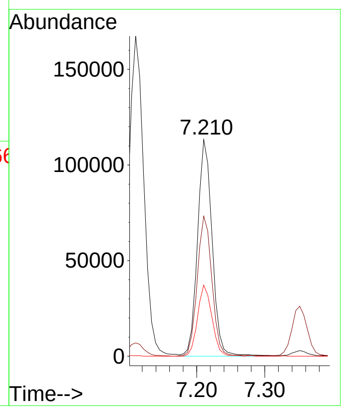
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

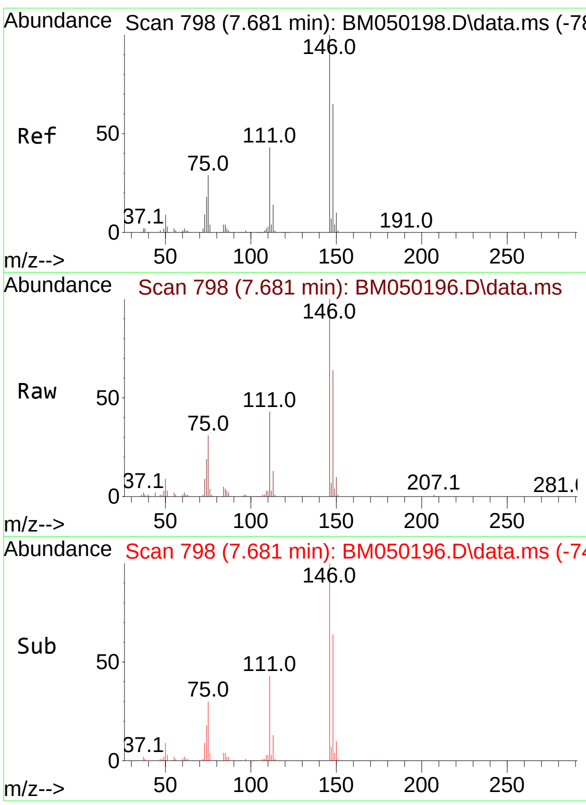


#11
bis(2-Chloroethyl)ether
Concen: 9.818 ng
RT: 7.210 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 93 Resp: 16966

Ion	Ratio	Lower	Upper
93	100		
63	64.7	43.9	83.9
95	32.8	12.7	52.7

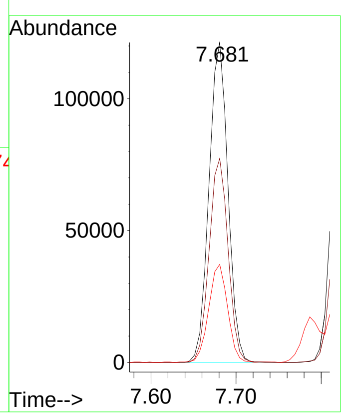




#12
1,3-Dichlorobenzene
Concen: 9.915 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:146 Resp: 188081

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	30.6	23.4	35.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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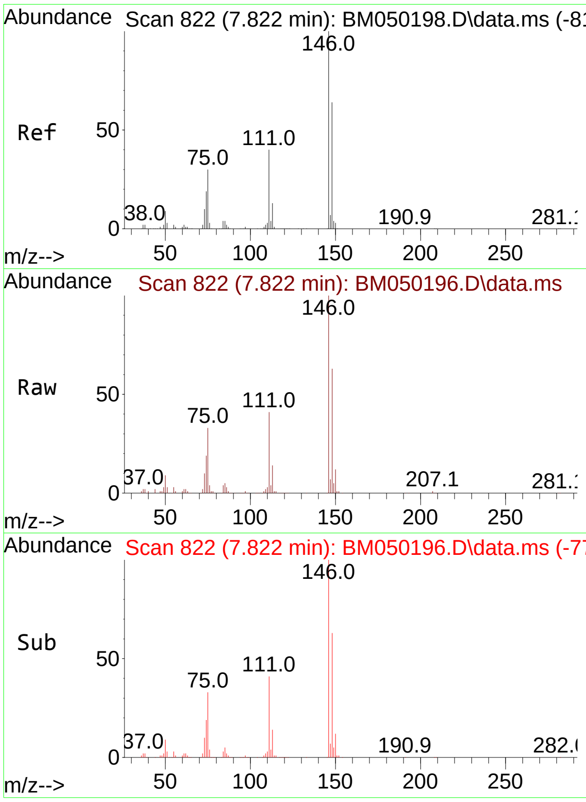
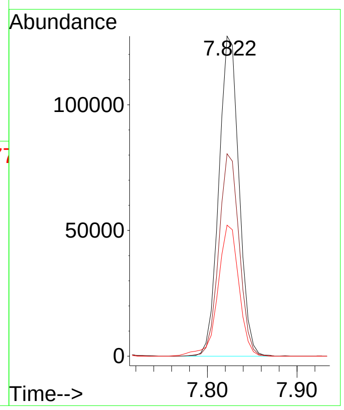
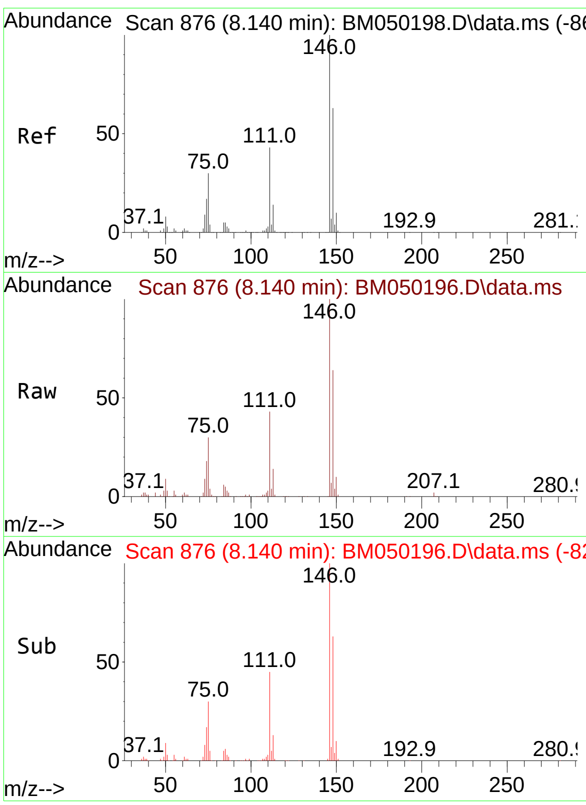


#13
1,4-Dichlorobenzene
Concen: 10.065 ng
RT: 7.822 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:146 Resp: 19863

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
111	41.0	32.3	48.5

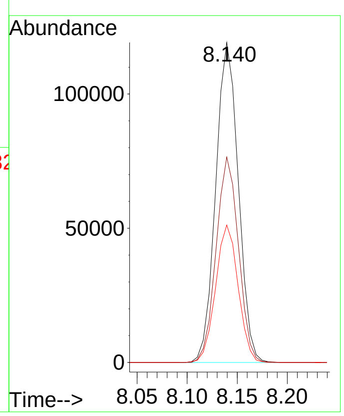




#14
1,2-Dichlorobenzene
Concen: 9.959 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:146 Resp: 187370

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	43.0	34.3	51.5



ICAL Form

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 06/05/2025
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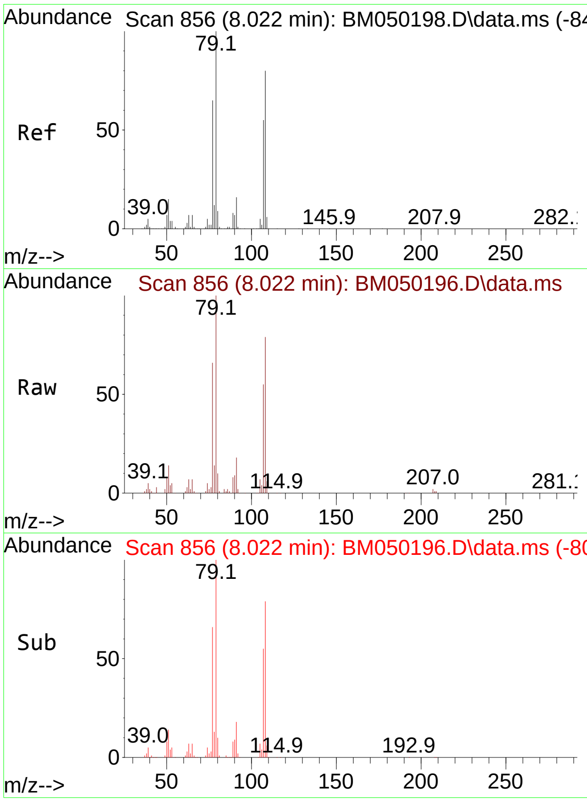
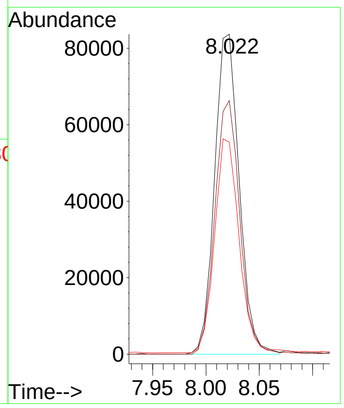
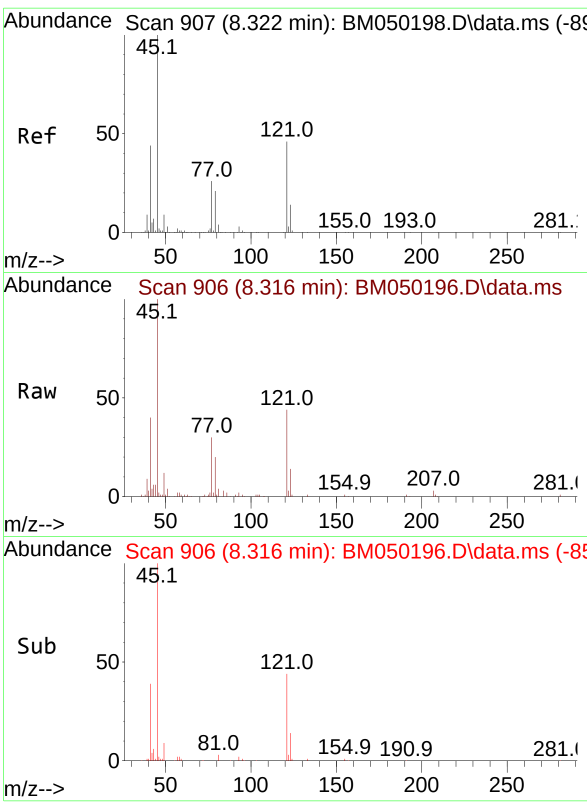


#15
Benzyl Alcohol
Concen: 9.280 ng
RT: 8.022 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 79 Resp: 13440

Ion	Ratio	Lower	Upper
79	100		
108	79.3	64.0	96.0
77	66.3	52.2	78.2

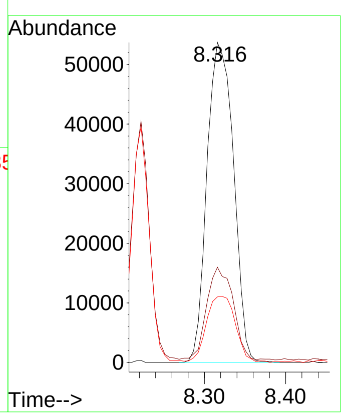




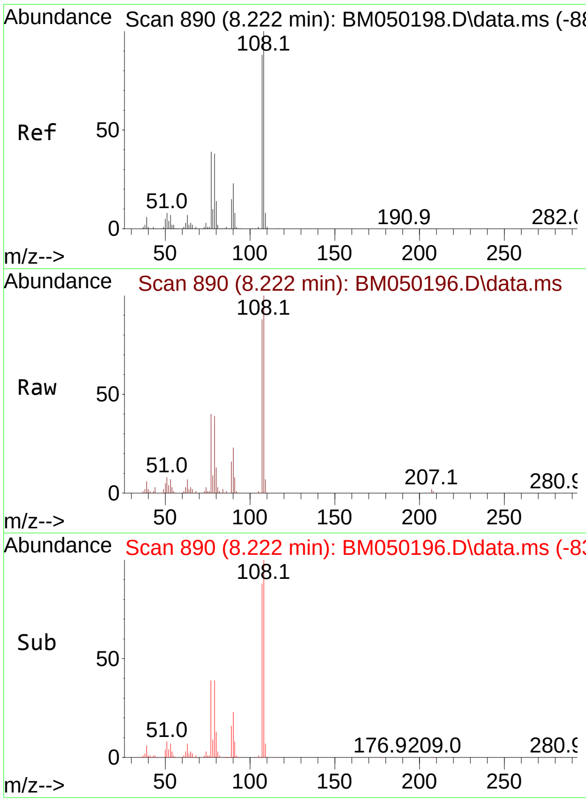
#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.175 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 45 Resp: 122149

Ion	Ratio	Lower	Upper
45	100		
77	29.8	8.7	48.7
79	20.5	2.7	42.7



ICAL Form



#17
2-Methylphenol
Concen: 9.461 ng
RT: 8.222 min Scan# 89
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 134124

Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.8	136.2
77	45.1	35.7	53.5
79	44.1	35.0	52.4

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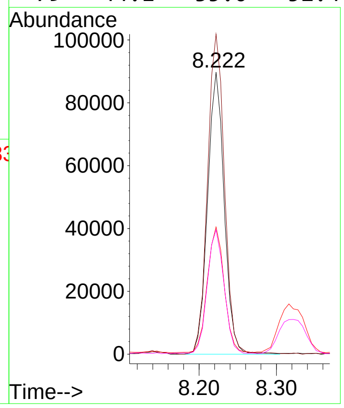
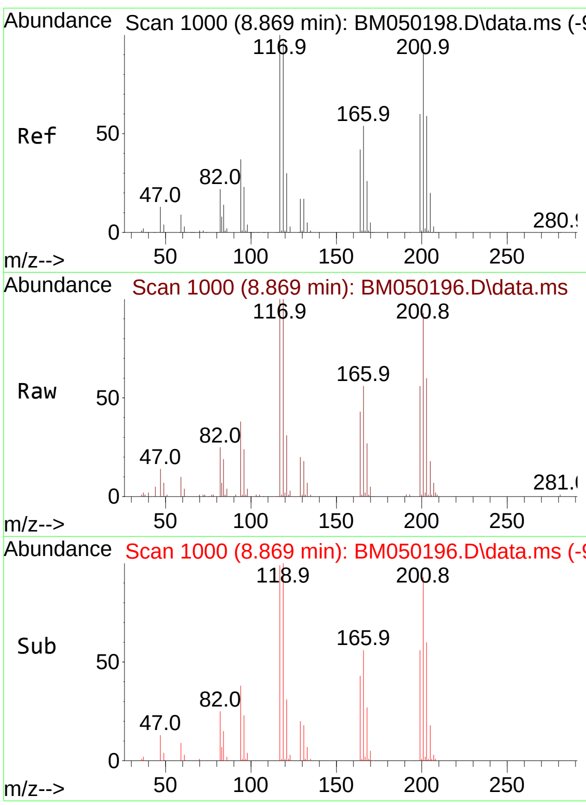
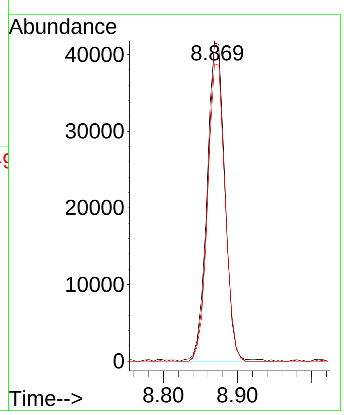


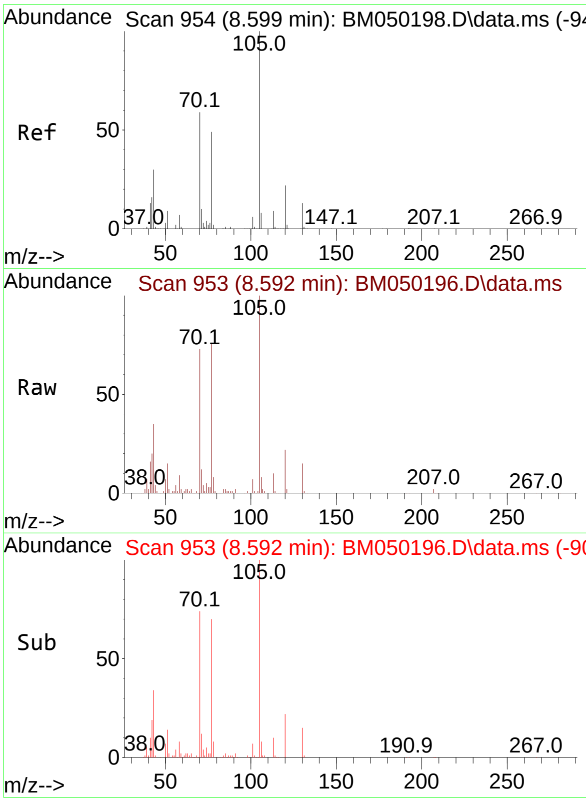


#18
Hexachloroethane
Concen: 9.800 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:117 Resp: 70045

Ion	Ratio	Lower	Upper
117	100		
119	100.5	77.0	115.6
201	93.4	74.6	111.8





#19
n-Nitroso-di-n-propylamine
Concen: 9.807 ng
RT: 8.592 min   Scan# 9
Delta R.T.   -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025   10:38

Instrument :
BNA_M
ClientSampleId :
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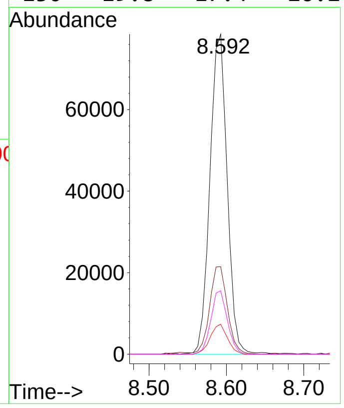
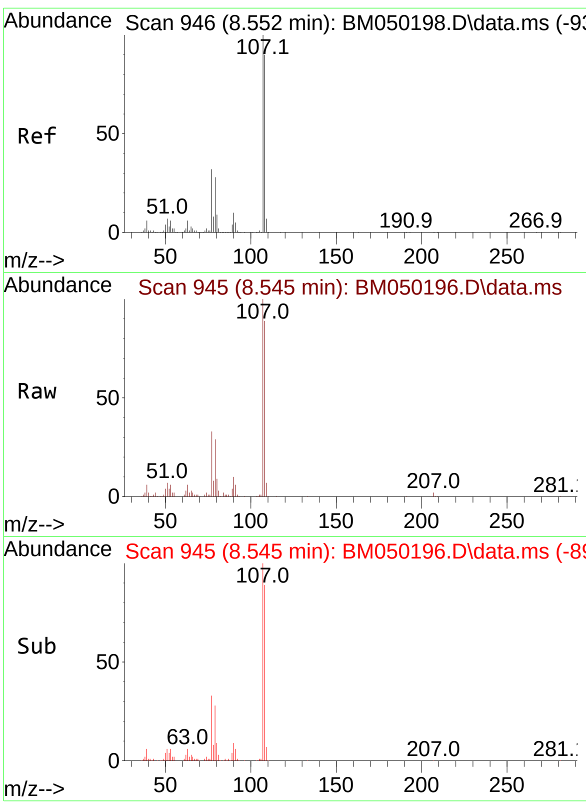
Tgt Ion: 70 Resp: 12186

Ion	Ratio	Lower	Upper
70	100		
42	27.4	22.6	33.8
101	9.4	8.3	12.5
130	19.8	17.4	26.2

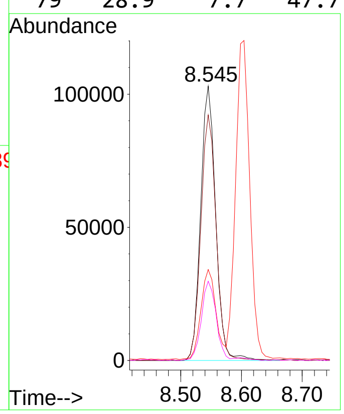




#20
3+4-Methylphenols
Concen: 9.324 ng
RT: 8.545 min   Scan# 945
Delta R.T.   -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025   10:38

Tgt Ion:107 Resp: 176847

Ion	Ratio	Lower	Upper
107	100		
108	89.5	70.4	110.4
77	33.1	12.2	52.2
79	28.9	7.7	47.7



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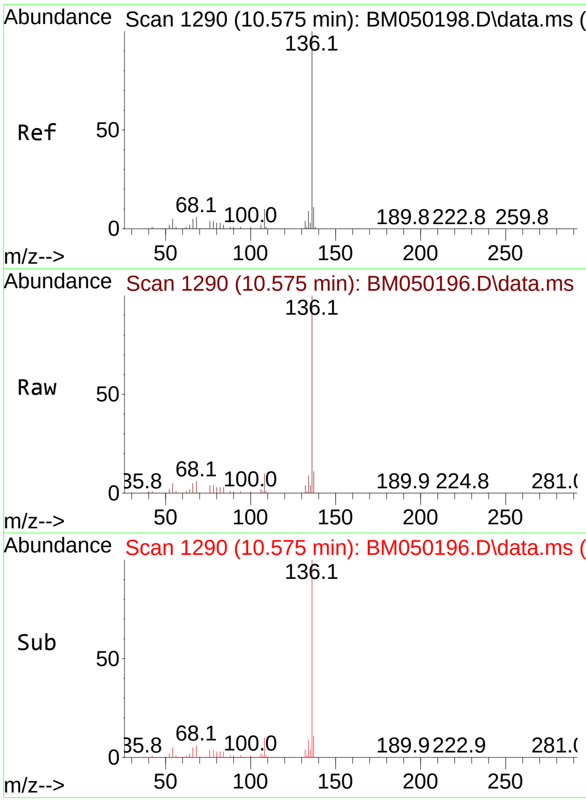

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min   Scan# 1
Delta R.T.   -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025   10:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 103121

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.1	3.8	5.8
68	5.9	4.9	7.3

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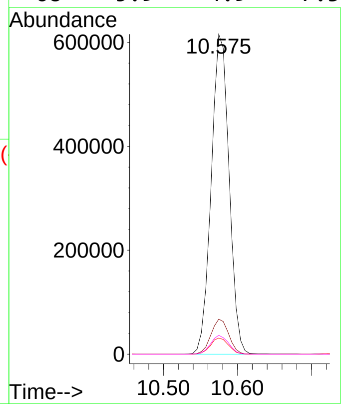
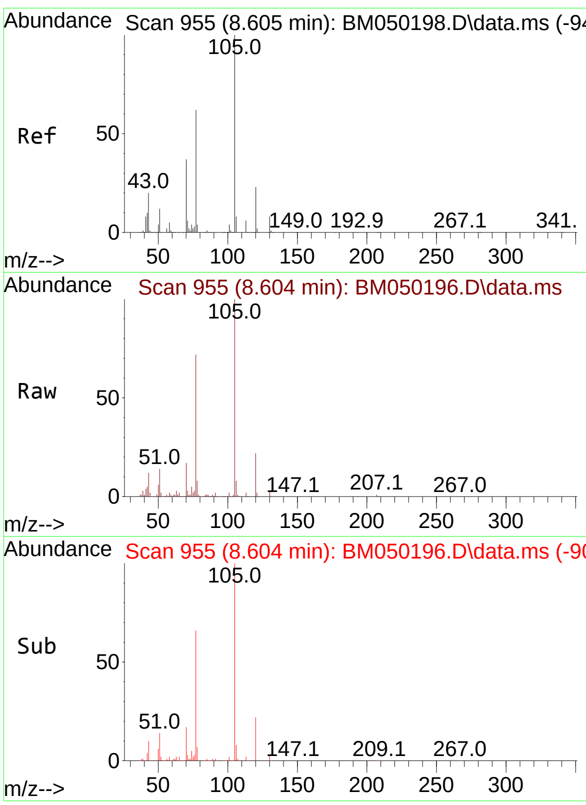
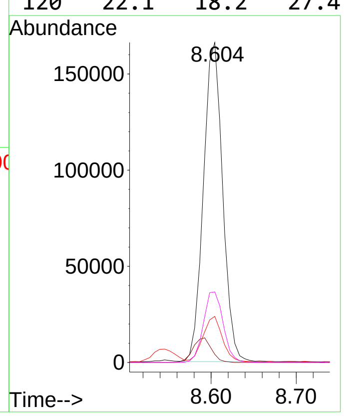




#22
Acetophenone
Concen: 10.123 ng
RT: 8.604 min   Scan# 955
Delta R.T.   -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025   10:38

Tgt Ion:105 Resp: 260808

Ion	Ratio	Lower	Upper
105	100		
71	2.6	5.0	7.4#
51	14.4	11.4	17.2
120	22.1	18.2	27.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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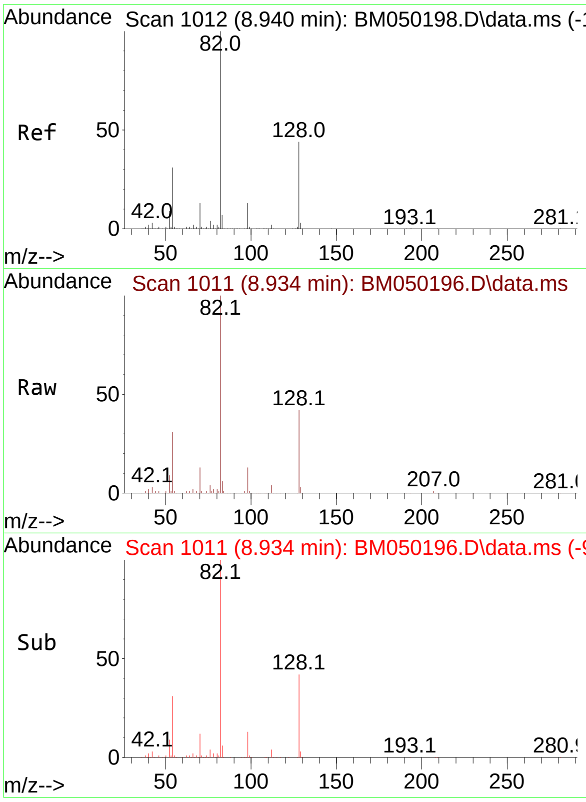
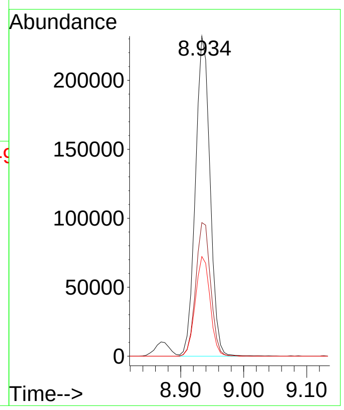
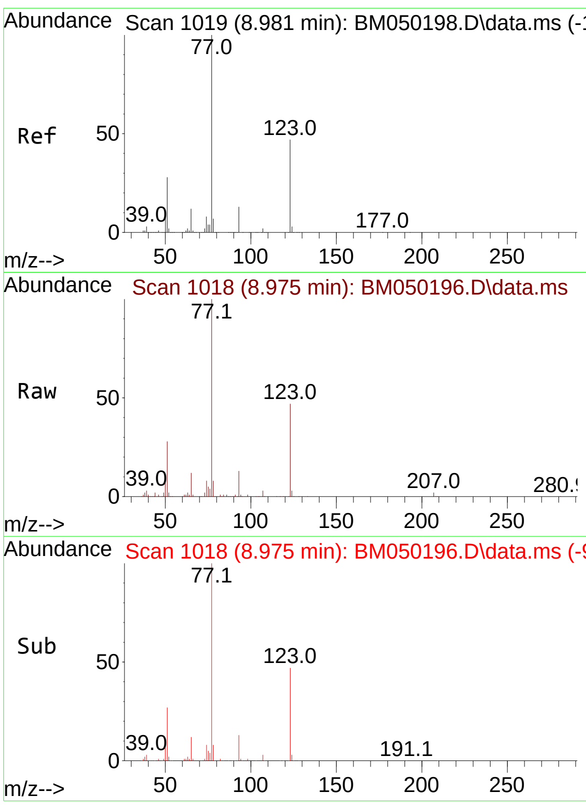


#23
Nitrobenzene-d5
Concen: 18.841 ng
RT: 8.934 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 82 Resp: 373577

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.2	52.8
54	31.1	24.5	36.7

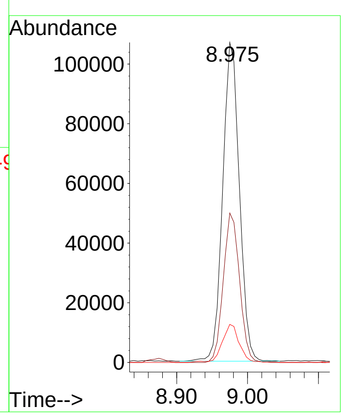




#24
Nitrobenzene
Concen: 9.646 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 77 Resp: 173945

Ion	Ratio	Lower	Upper
77	100		
123	46.7	38.2	57.2
65	11.9	9.5	14.3



Instrument :
BNA_M
ClientSampleId :
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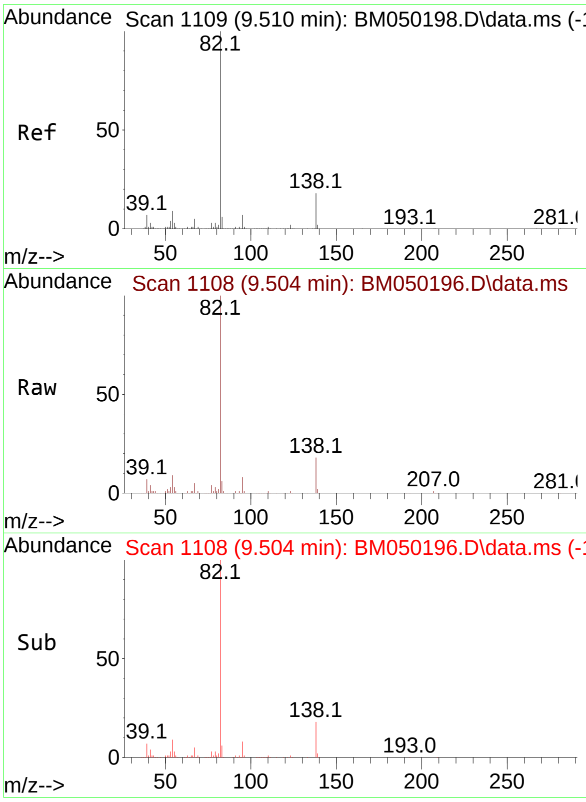
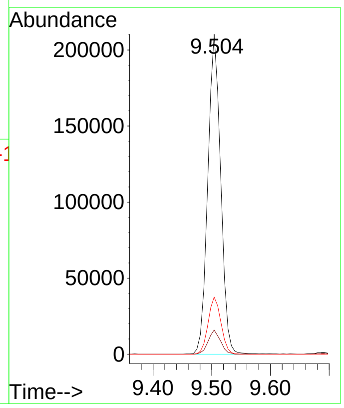
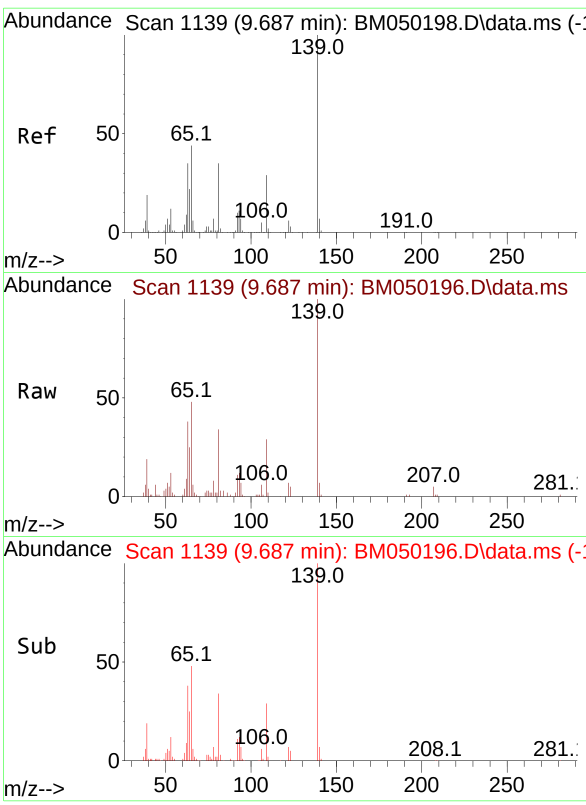


#25
Isophorone
Concen: 9.407 ng
RT: 9.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 82 Resp: 321944

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.7	8.5
138	17.9	14.2	21.2

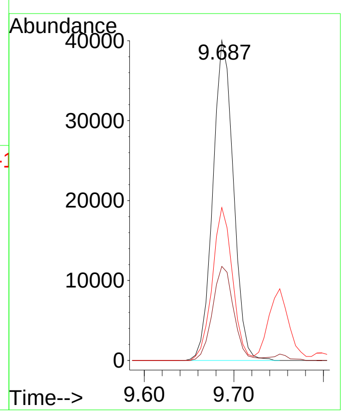




#26
2-Nitrophenol
Concen: 8.239 ng
RT: 9.687 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:139 Resp: 64131

Ion	Ratio	Lower	Upper
139	100		
109	29.4	23.3	34.9
65	47.8	35.2	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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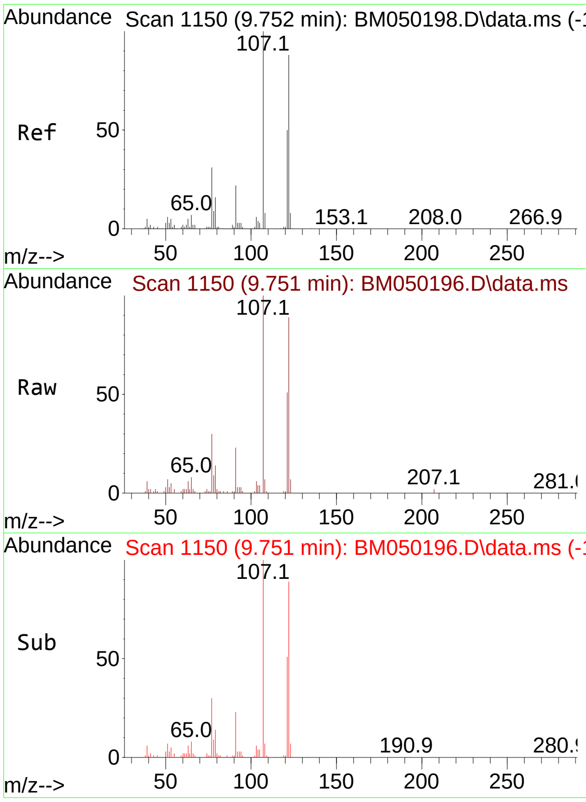
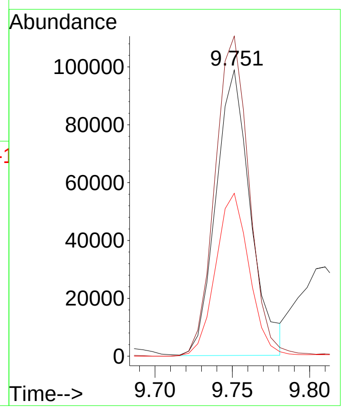
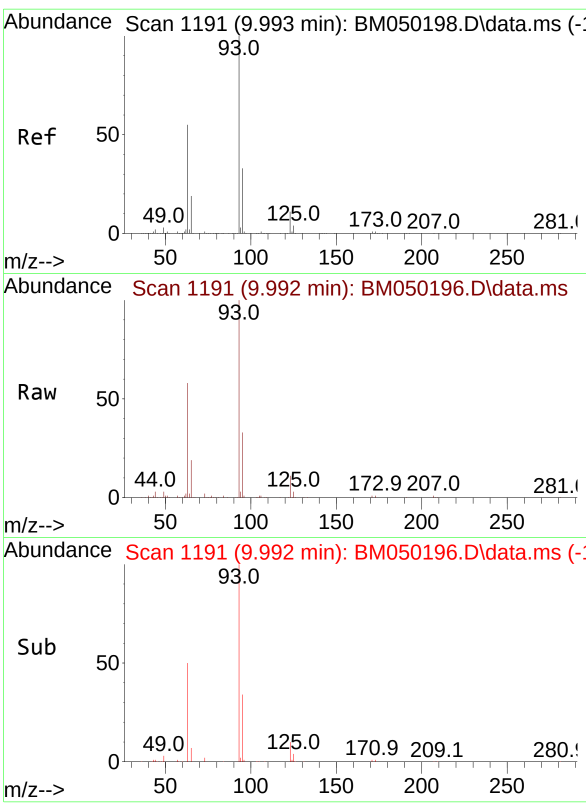


#27
2,4-Dimethylphenol
Concen: 9.598 ng
RT: 9.751 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:122 Resp: 15365

Ion	Ratio	Lower	Upper
122	100		
107	111.9	91.0	136.6
121	56.9	45.8	68.6

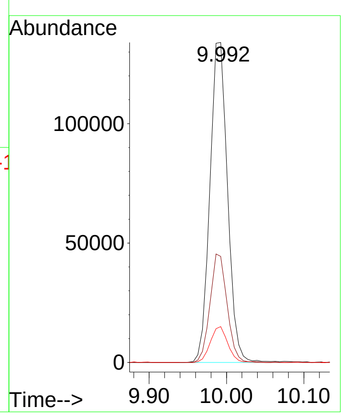




#28
bis(2-Chloroethoxy)methane
Concen: 9.531 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 93 Resp: 213076

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	11.2	8.9	13.3



ICAL Form

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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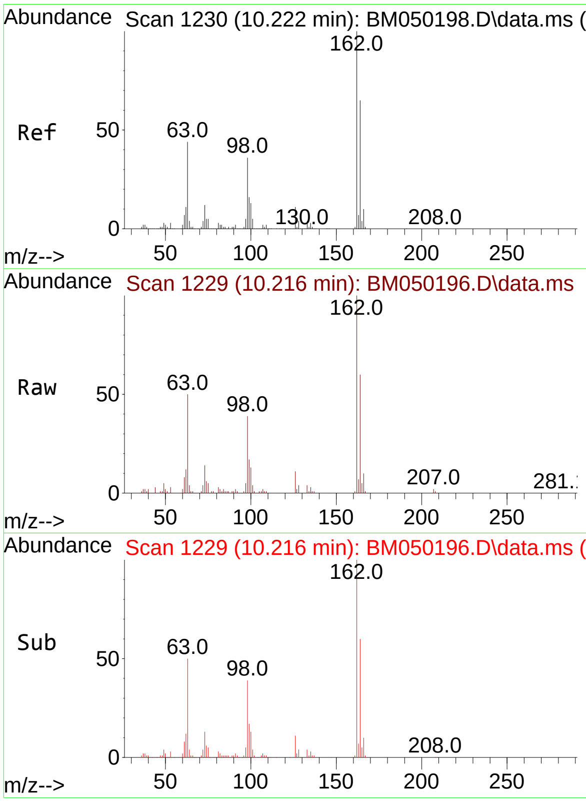
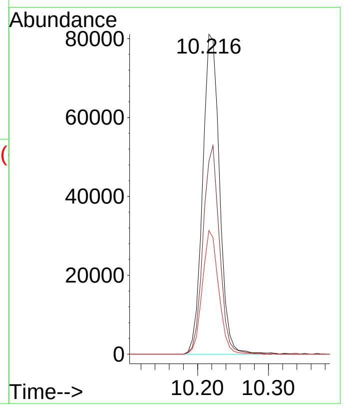
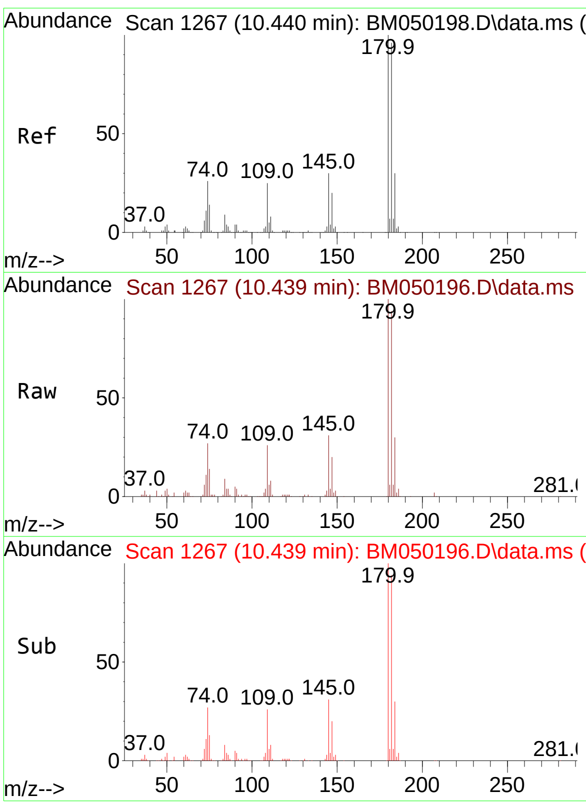


#29
2,4-Dichlorophenol
Concen: 9.122 ng
RT: 10.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:162 Resp: 13501

Ion	Ratio	Lower	Upper
162	100		
164	60.2	45.0	85.0
98	38.7	16.3	56.3

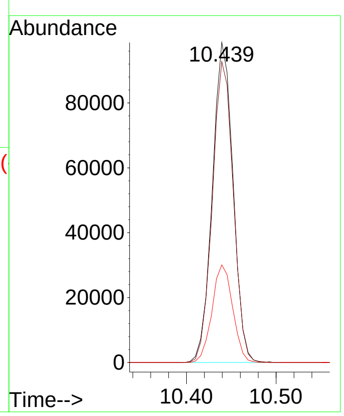




#30
1,2,4-Trichlorobenzene
Concen: 9.614 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:180 Resp: 158337

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.6	114.8
145	30.5	24.2	36.4



ICAL Form

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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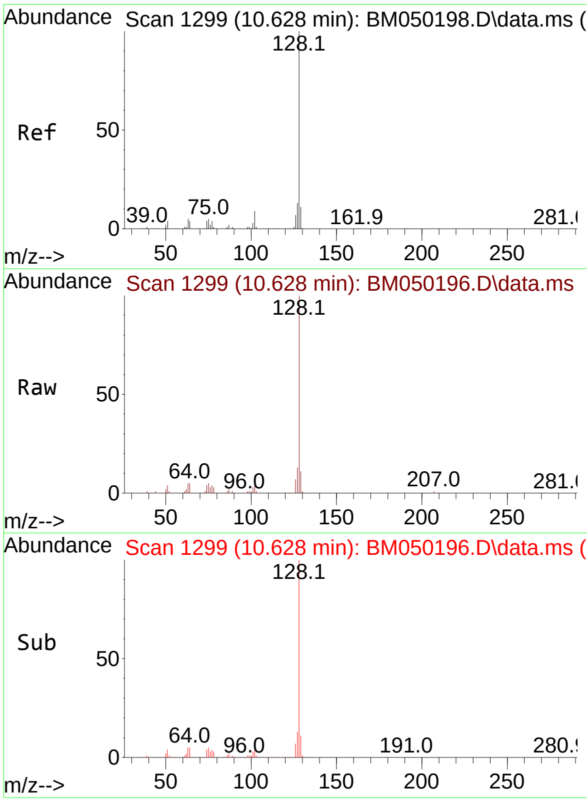
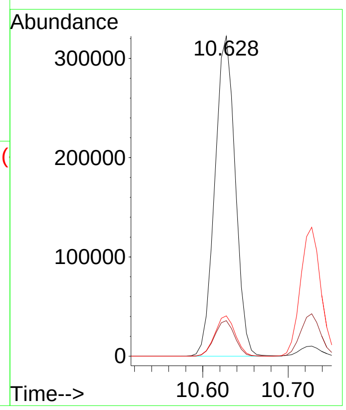
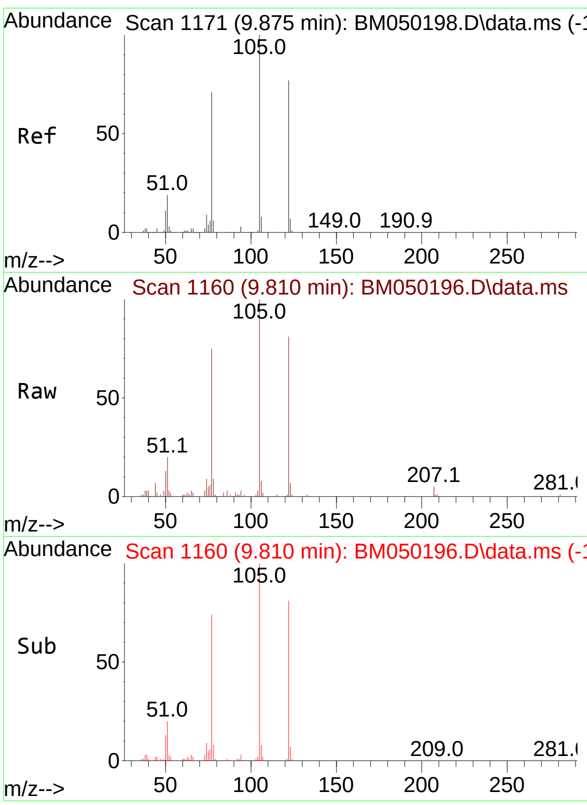


#31
Naphthalene
Concen: 10.063 ng
RT: 10.628 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:128 Resp: 53651

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.6	10.2	15.4

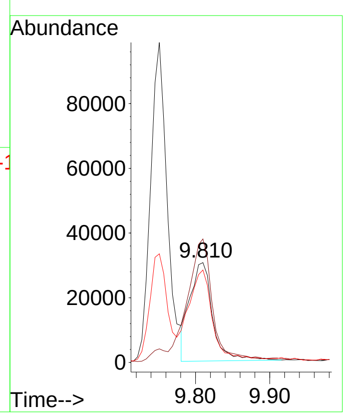




#32
Benzoic acid
Concen: 6.508 ng
RT: 9.810 min Scan# 1160
Delta R.T. -0.065 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:122 Resp: 65412

Ion	Ratio	Lower	Upper
122	100		
105	123.7	103.4	143.4
77	92.6	70.3	110.3



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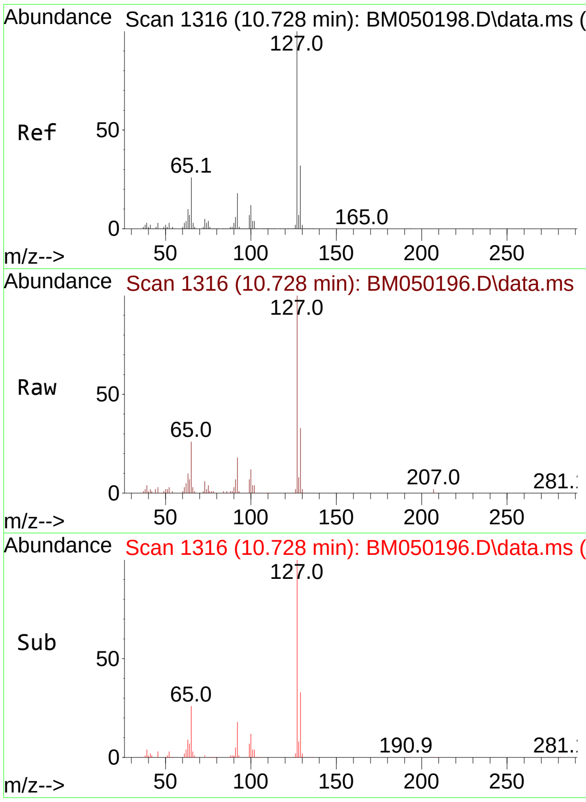
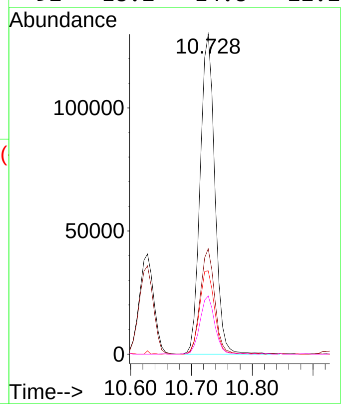


#33
4-Chloroaniline
Concen: 9.591 ng
RT: 10.728 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:127 Resp: 21801

Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.4	38.0
65	26.0	21.0	31.4
92	18.2	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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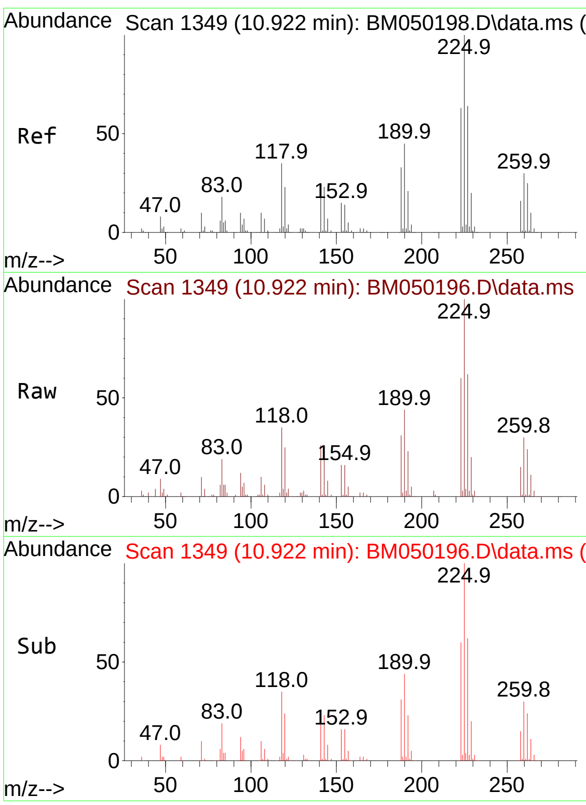
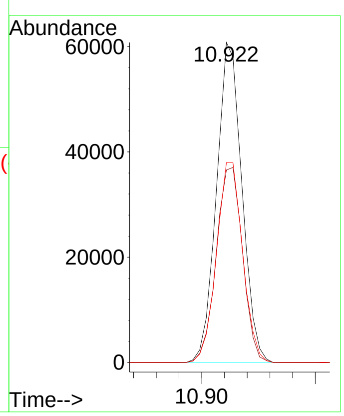
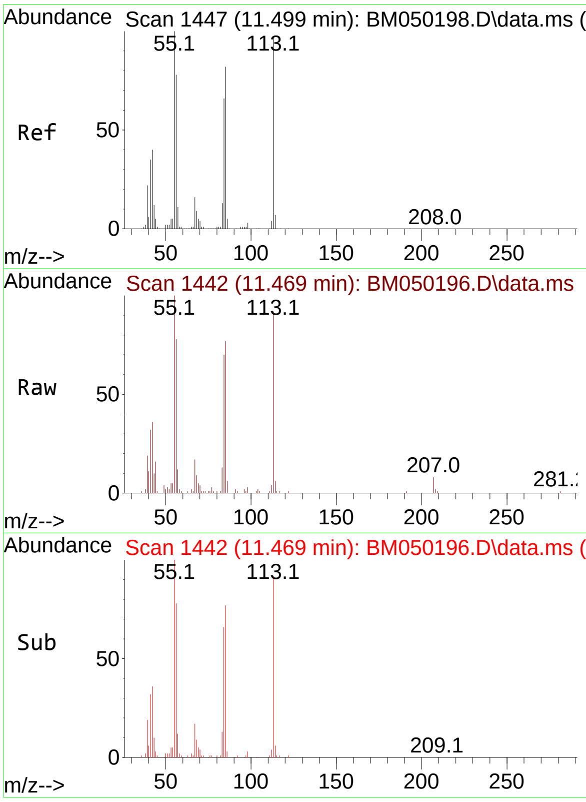


#34
Hexachlorobutadiene
Concen: 9.674 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:225 Resp: 94772

Ion	Ratio	Lower	Upper
225	100		
223	60.2	50.2	75.2
227	62.5	51.0	76.4





#35
Caprolactam
Concen: 8.437 ng
RT: 11.469 min Scan# 14
Delta R.T. -0.030 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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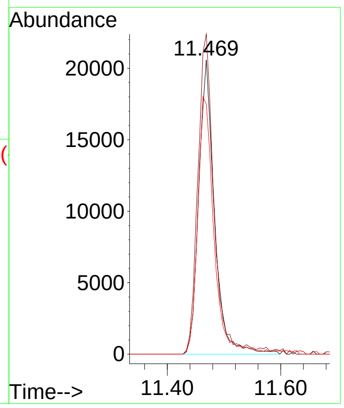
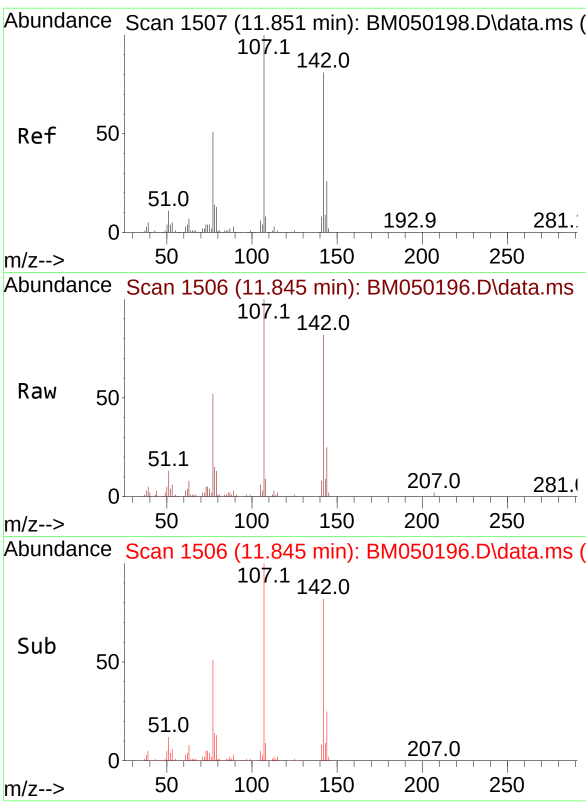
Tgt Ion:113 Resp: 39590

Ion	Ratio	Lower	Upper
113	100		
55	108.8	83.5	123.5
56	85.0	60.6	100.6

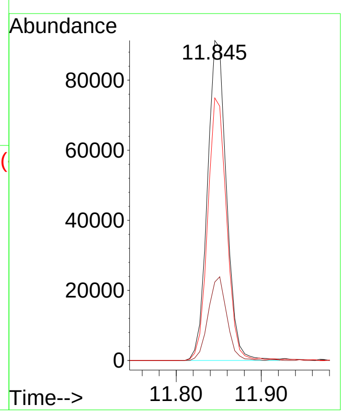




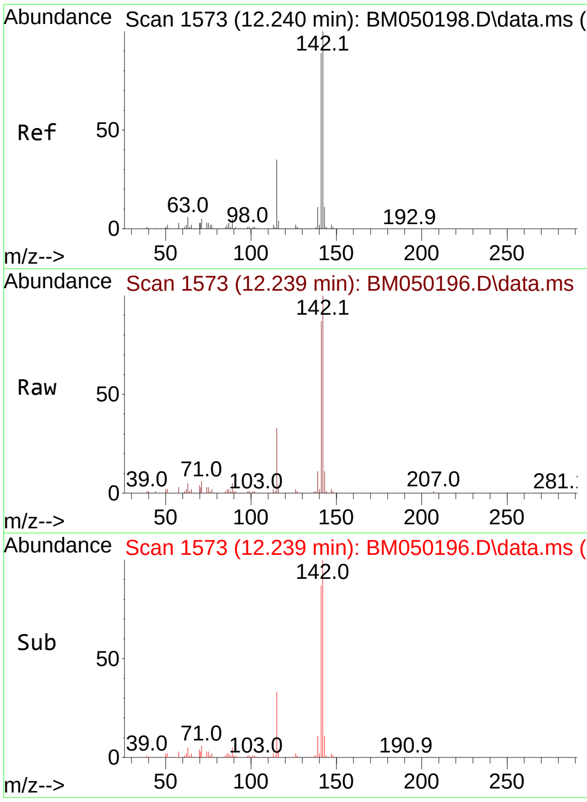
#36
4-Chloro-3-methylphenol
Concen: 9.022 ng
RT: 11.845 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:107 Resp: 142482

Ion	Ratio	Lower	Upper
107	100		
144	24.5	21.0	31.6
142	82.1	64.8	97.2



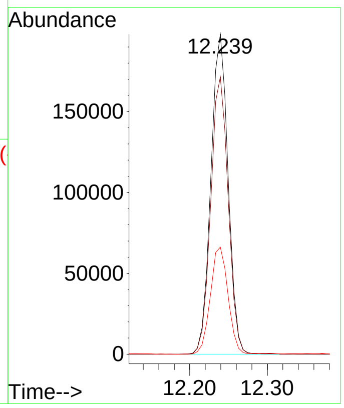
ICAL Form



#37
2-Methylnaphthalene
Concen: 9.495 ng
RT: 12.239 min Scan# 1!
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:142 Resp: 30538!

Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.5	107.3
115	33.5	27.8	41.8



Instrument :
BNA_M
ClientSampleId :
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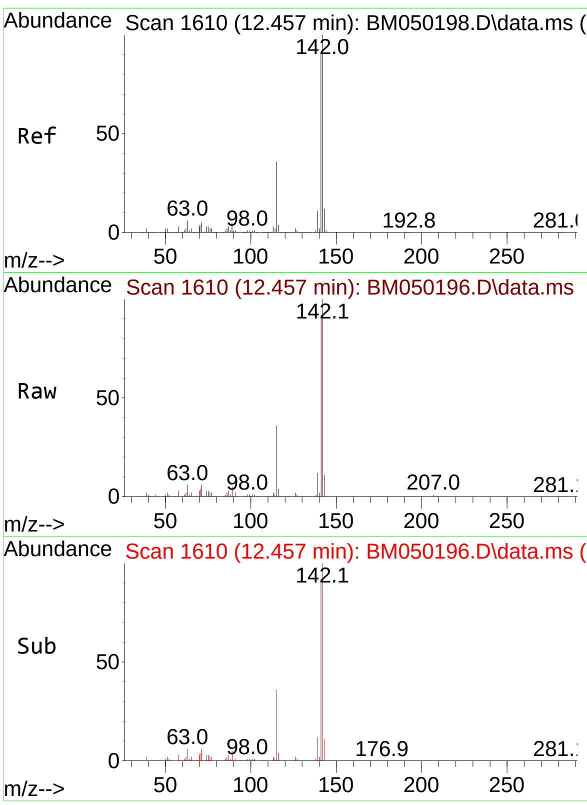
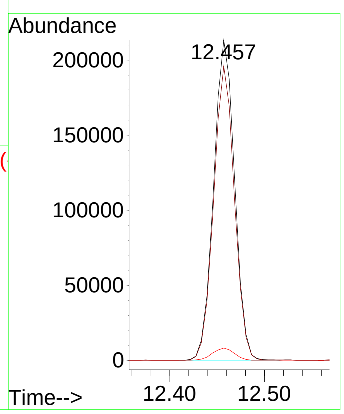


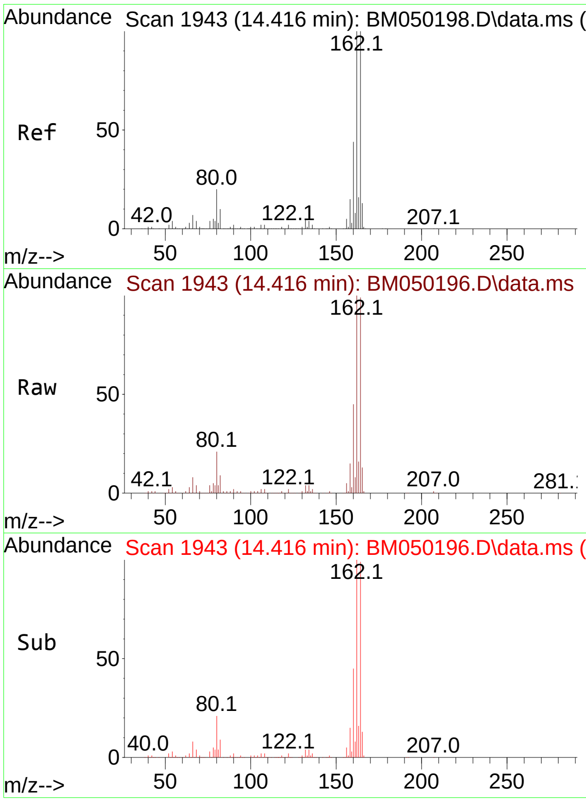
#38
1-Methylnaphthalene
Concen: 9.617 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:142 Resp: 328309

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.9	109.3
116	3.8	3.0	4.6



ICAL Form



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:164 Resp: 59770

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.4
160	45.5	35.7	53.5

Instrument :
BNA_M
ClientSampleId :
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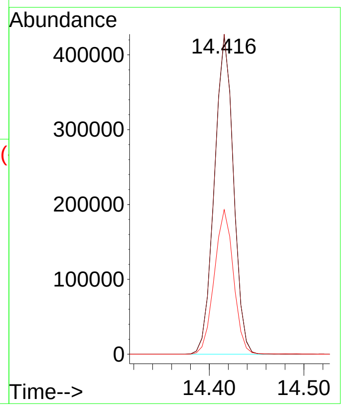
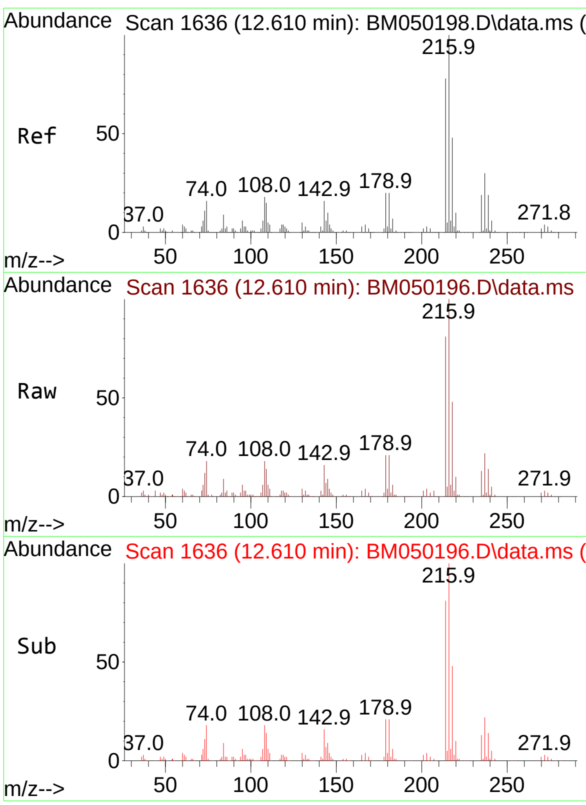
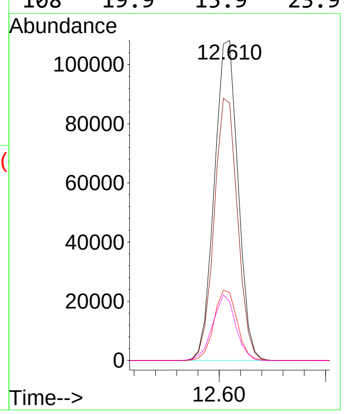




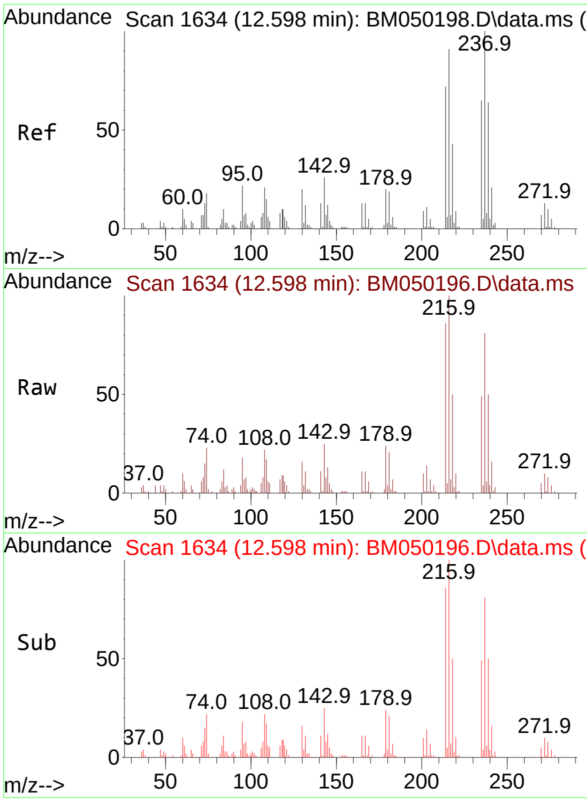
#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.711 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:216 Resp: 167598

Ion	Ratio	Lower	Upper
216	100		
214	80.8	63.0	94.4
179	21.5	16.6	25.0
108	19.9	15.9	23.9



ICAL Form



#41
Hexachlorocyclopentadiene
Concen: 8.701 ng
RT: 12.598 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 9120

Ion	Ratio	Lower	Upper
237	100		
235	60.2	44.6	84.6
272	12.6	0.0	33.1

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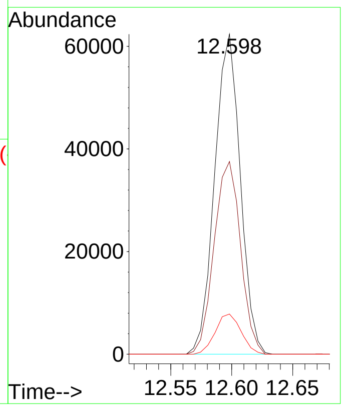
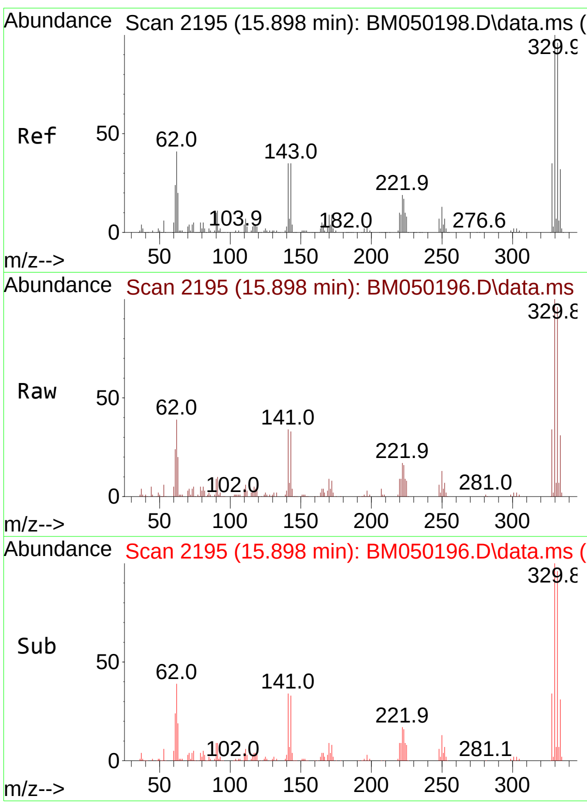
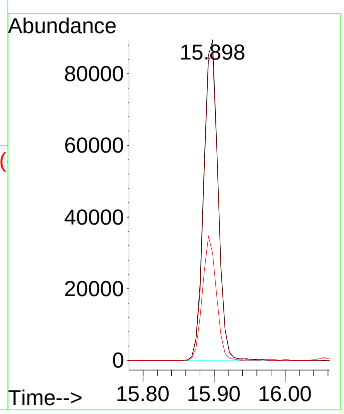




#42
2,4,6-Tribromophenol
Concen: 18.693 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:330 Resp: 127081

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	37.3	28.8	43.2



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Instrument :
BNA_M
ClientSampleId :
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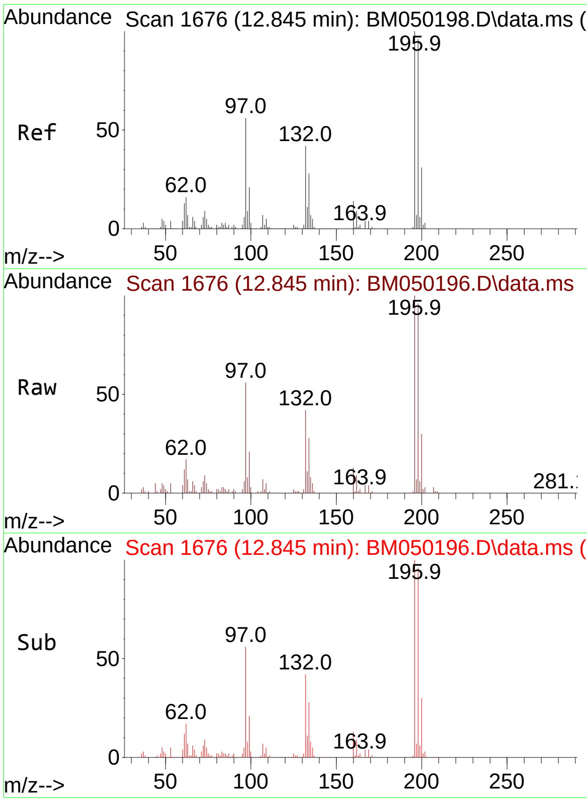
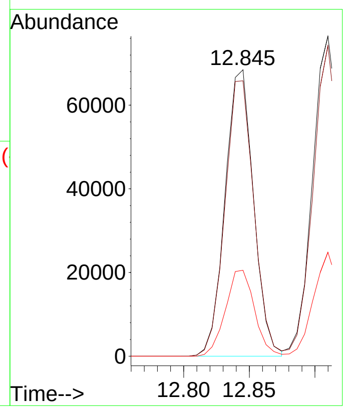
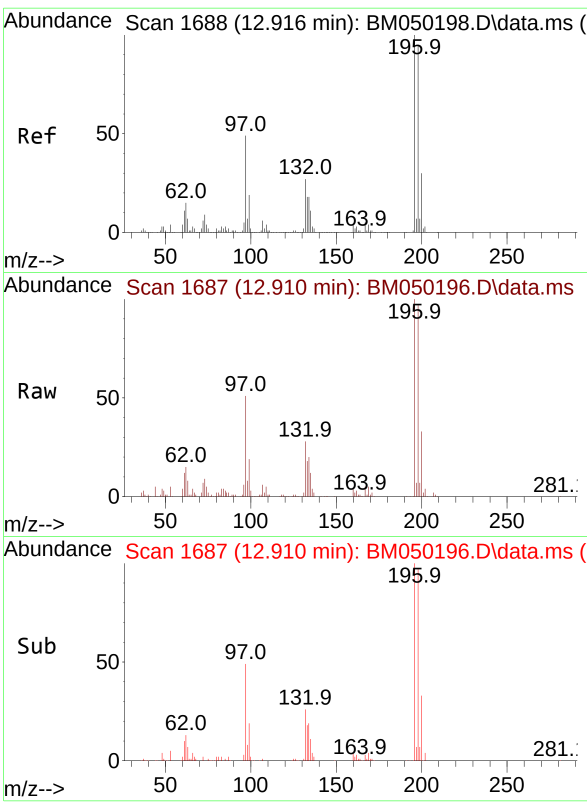


#43
2,4,6-Trichlorophenol
Concen: 9.124 ng
RT: 12.845 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:196 Resp: 10355(

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	115.0
200	30.0	24.5	36.7

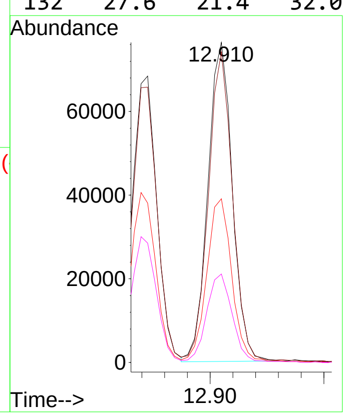




#44
2,4,5-Trichlorophenol
Concen: 9.149 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:196 Resp: 114017

Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.1	114.1
97	51.1	39.3	58.9
132	27.6	21.4	32.0



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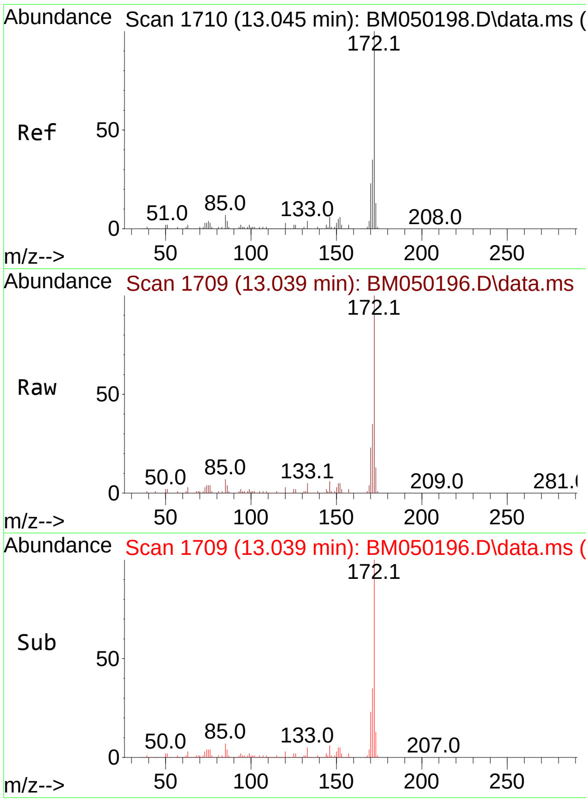

#45
2-Fluorobiphenyl
Concen: 20.795 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 91804

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	22.7	18.6	27.8

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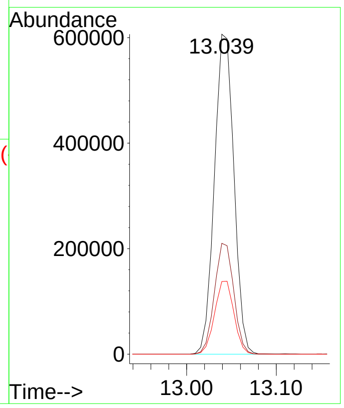
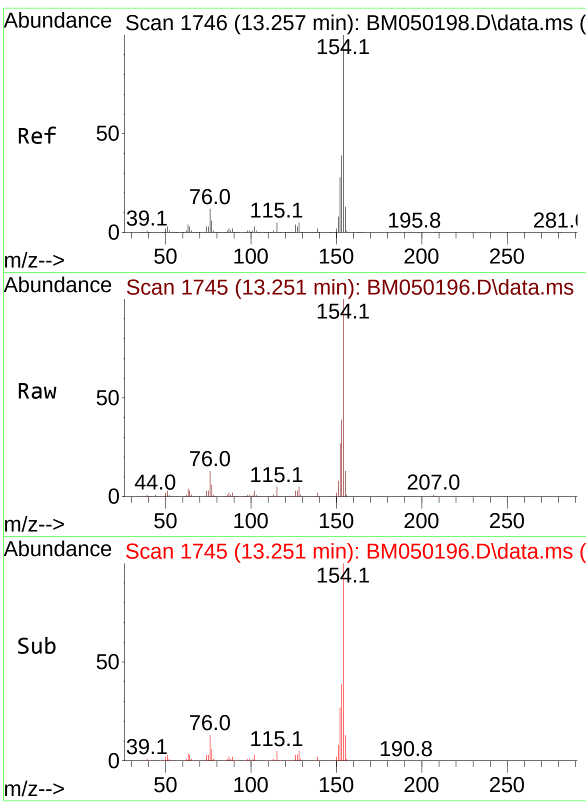
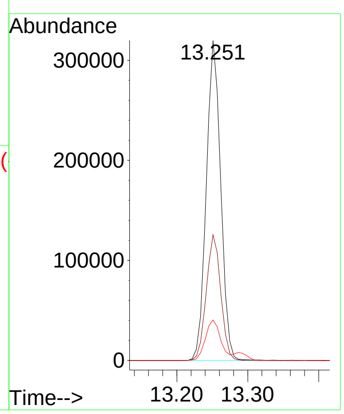


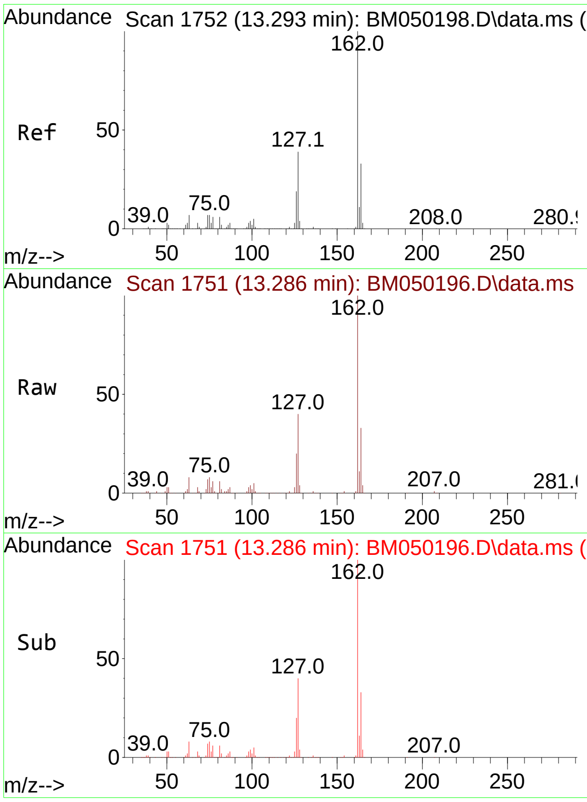


#46
1,1'-Biphenyl
Concen: 10.102 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:154 Resp: 452133

Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.2	59.2
76	12.6	0.0	32.0

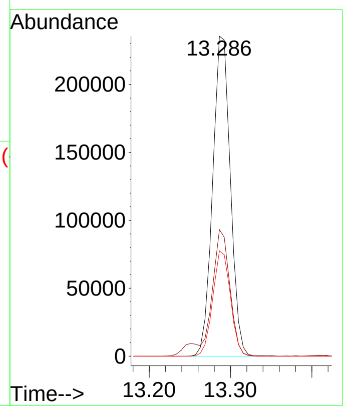




#47
2-Chloronaphthalene
Concen: 10.251 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:162 Resp: 35668

Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.1	46.7
164	32.9	26.5	39.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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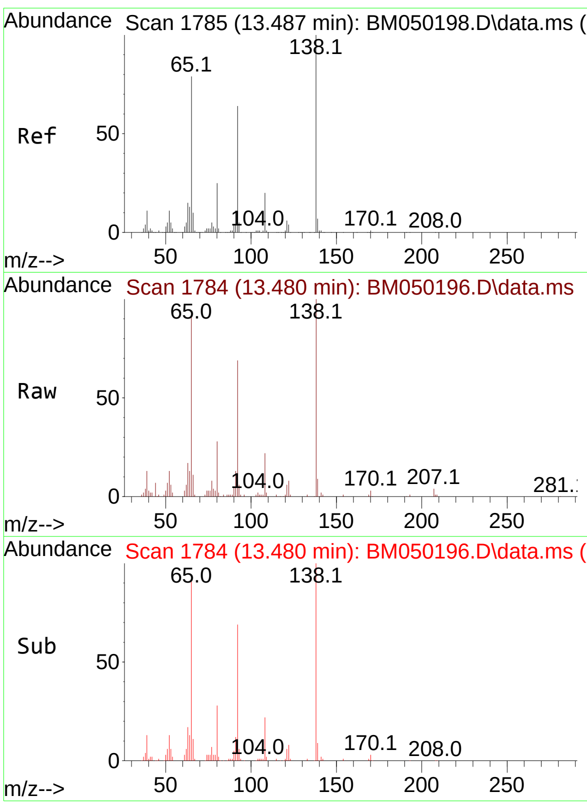
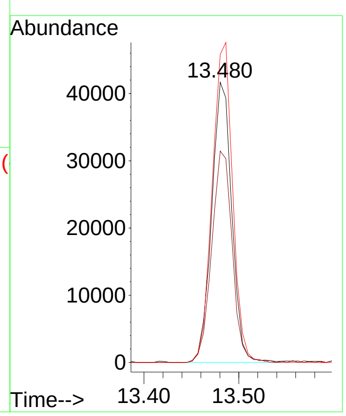


#48
2-Nitroaniline
Concen: 8.031 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 65 Resp: 61491

Ion	Ratio	Lower	Upper
65	100		
92	75.4	64.2	96.4
138	110.0	101.0	151.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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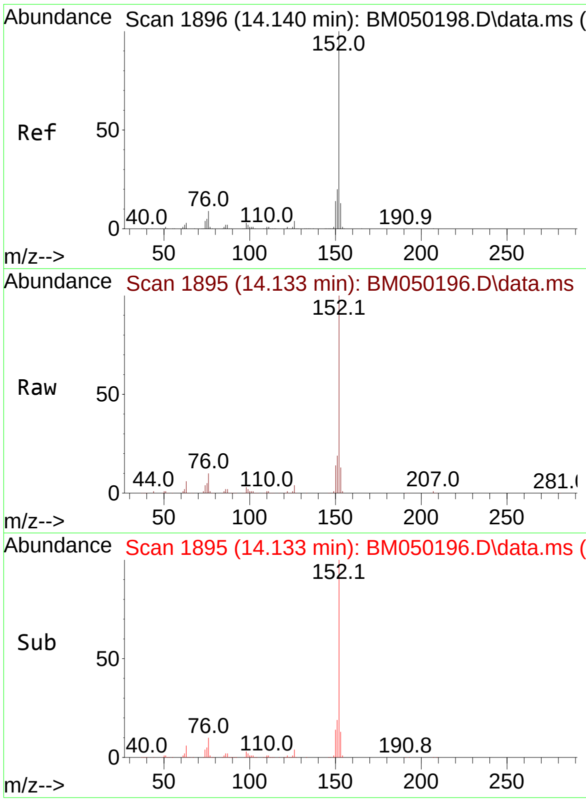
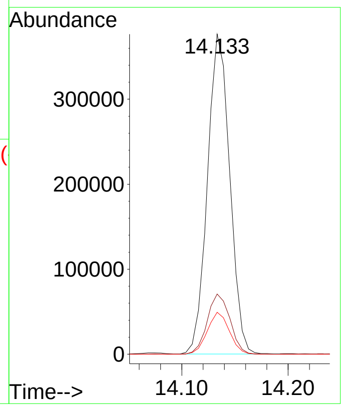
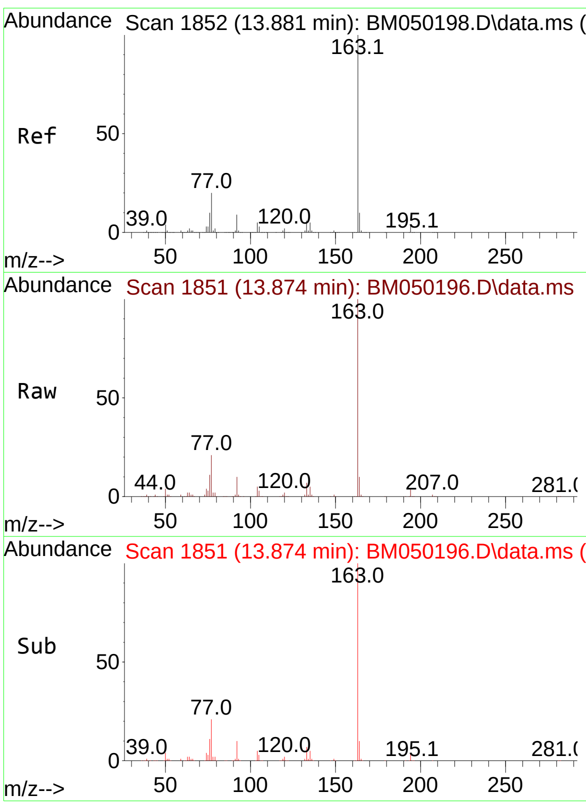


#49
Acenaphthylene
Concen: 9.738 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:152 Resp: 54805

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.8	23.6
153	13.1	10.4	15.6

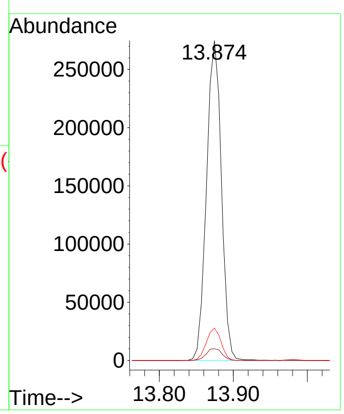




#50
Dimethylphthalate
Concen: 9.503 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:163 Resp: 384143

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.1	7.9	11.9



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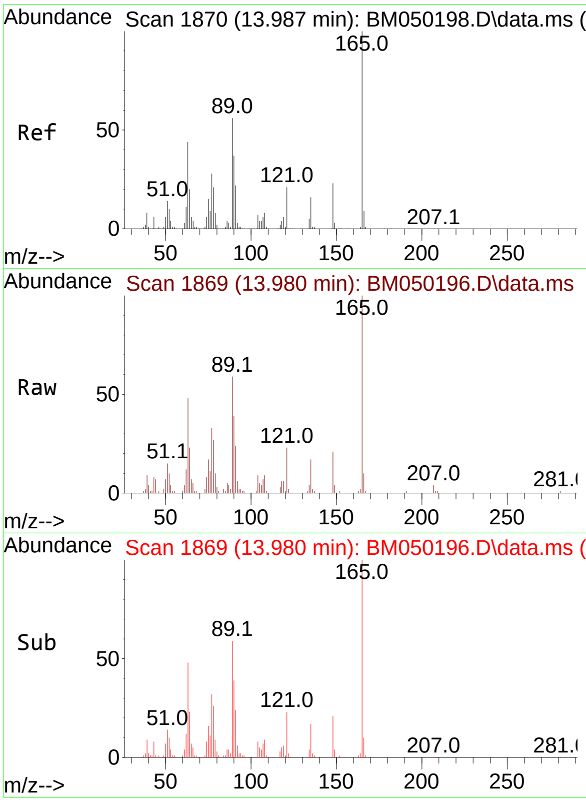
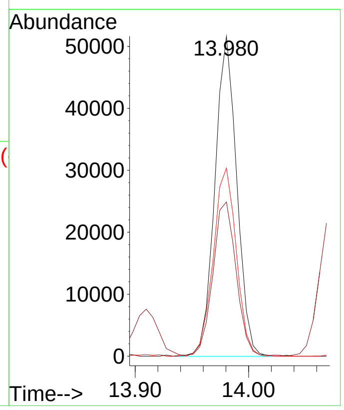


#51
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 13.980 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:165 Resp: 6911

Ion	Ratio	Lower	Upper
165	100		
63	48.2	35.8	53.6
89	58.8	44.8	67.2



Instrument :
BNA_M
ClientSampleId :
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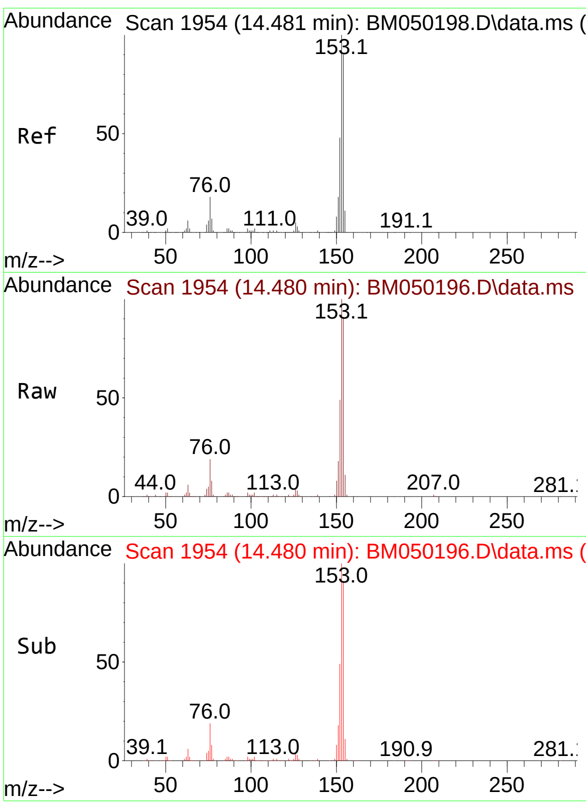
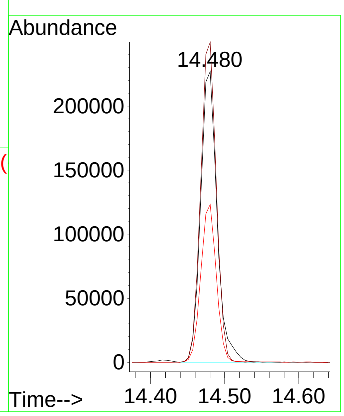


#52
Acenaphthene
Concen: 9.985 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:154 Resp: 351485

Ion	Ratio	Lower	Upper
154	100		
153	110.1	88.7	133.1
152	54.3	42.6	63.8



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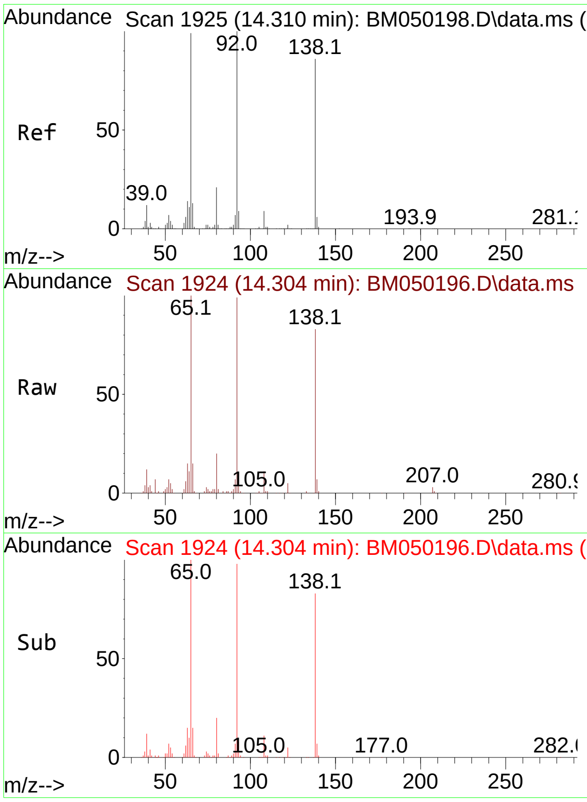
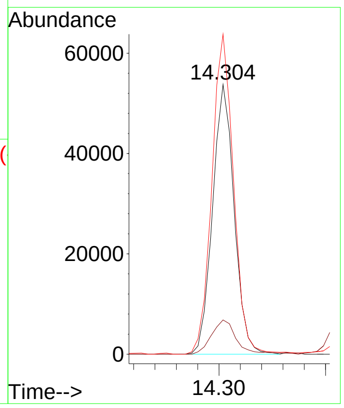


#53
3-Nitroaniline
Concen: 8.301 ng
RT: 14.304 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:138 Resp: 75418

Ion	Ratio	Lower	Upper
138	100		
108	12.7	8.8	13.2
92	118.6	92.9	139.3



Instrument :
BNA_M
ClientSampleId :
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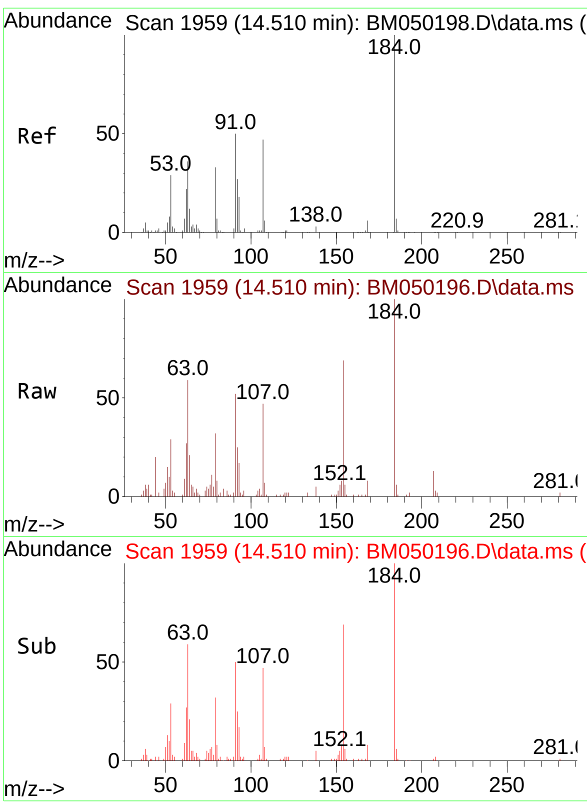
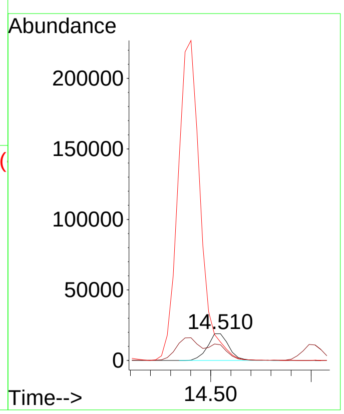
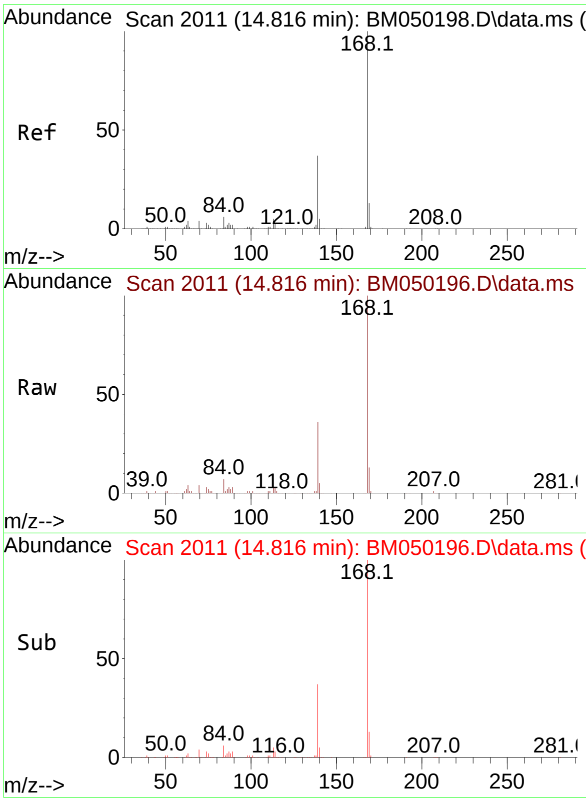


#54
2,4-Dinitrophenol
Concen: 10.741 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:184 Resp: 27888

Ion	Ratio	Lower	Upper
184	100		
63	58.6	45.3	67.9
154	68.6	54.3	81.5





#55
Dibenzofuran
Concen: 9.925 ng
RT: 14.816 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:168 Resp: 51110

Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.9	44.9
169	12.8	10.6	16.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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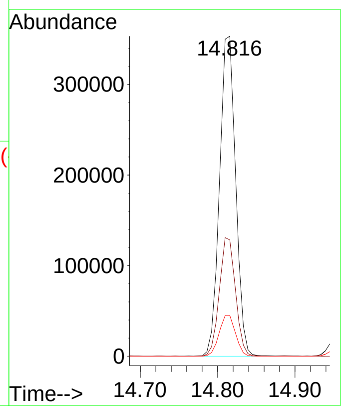
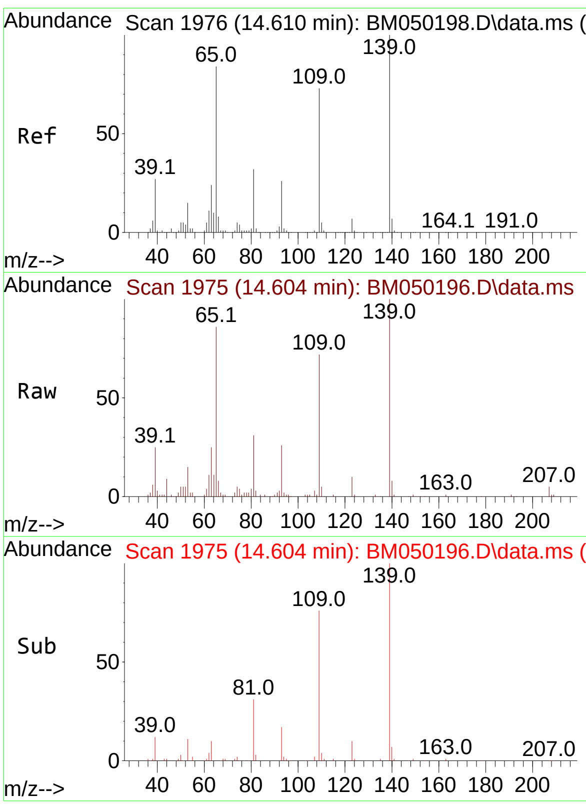
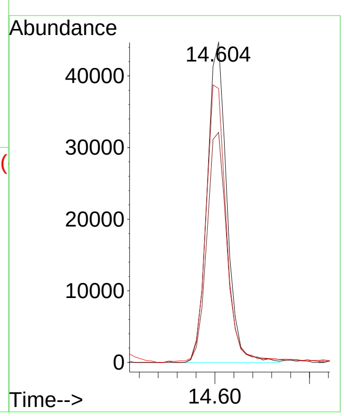




#56
4-Nitrophenol
Concen: 8.335 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:139 Resp: 64450

Ion	Ratio	Lower	Upper
139	100		
109	71.9	52.6	92.6
65	85.6	64.3	104.3



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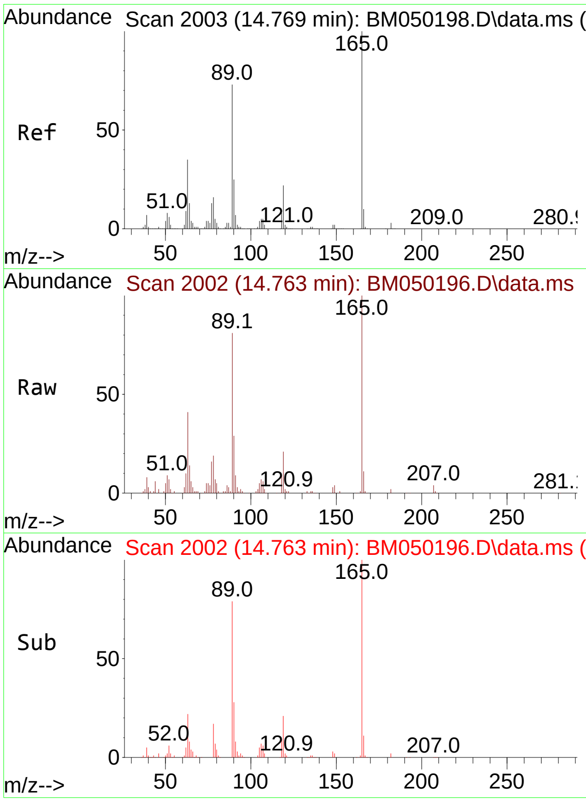

#57
2,4-Dinitrotoluene
Concen: 7.856 ng
RT: 14.763 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 8448

Ion	Ratio	Lower	Upper
165	100		
63	40.6	28.4	42.6
89	80.7	58.0	87.0
182	2.2	2.2	3.2

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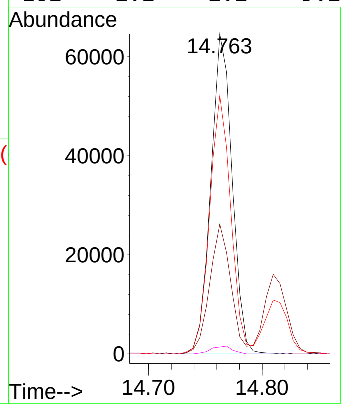
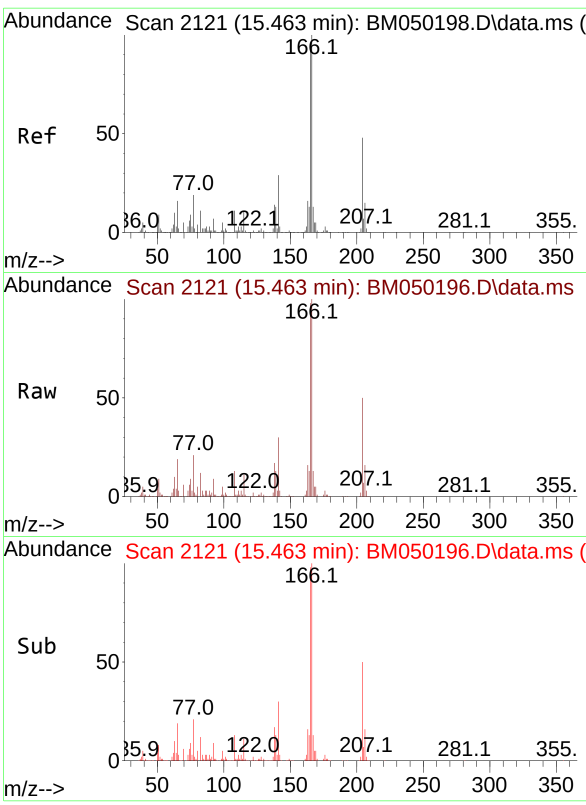
Supervised By :Jagrut Upadhyay 06/06/2025

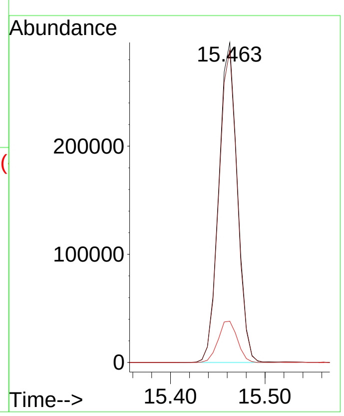


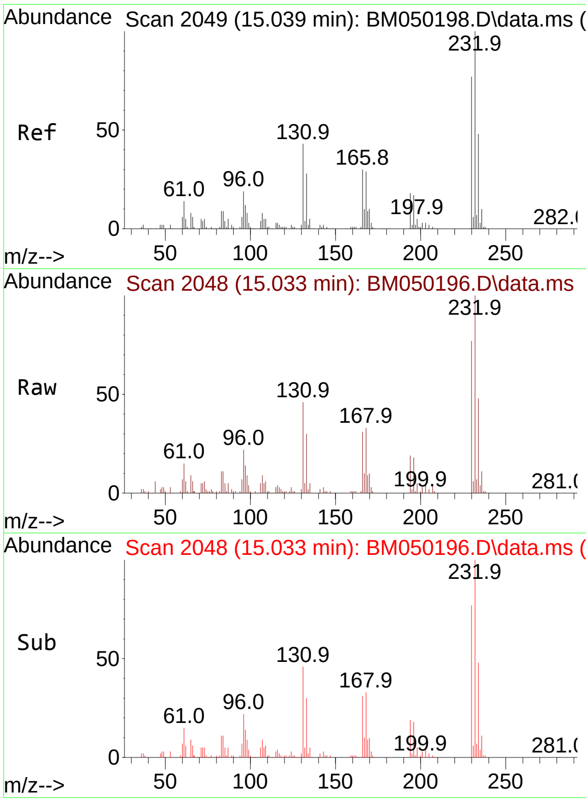


#58
Fluorene
Concen: 10.286 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:166 Resp: 405716

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.0	115.4
167	12.9	10.7	16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.156 ng m
RT: 15.033 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 9871(

Ion	Ratio	Lower	Upper
232	100		
131	42.6	32.9	49.3
130	2.4	1.8	2.8
166	25.3	20.8	31.2

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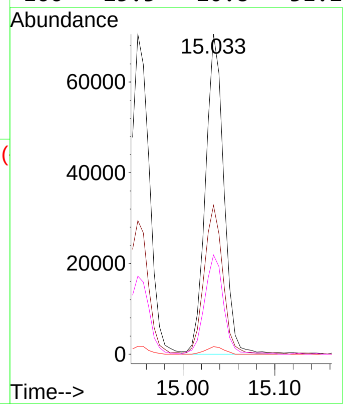
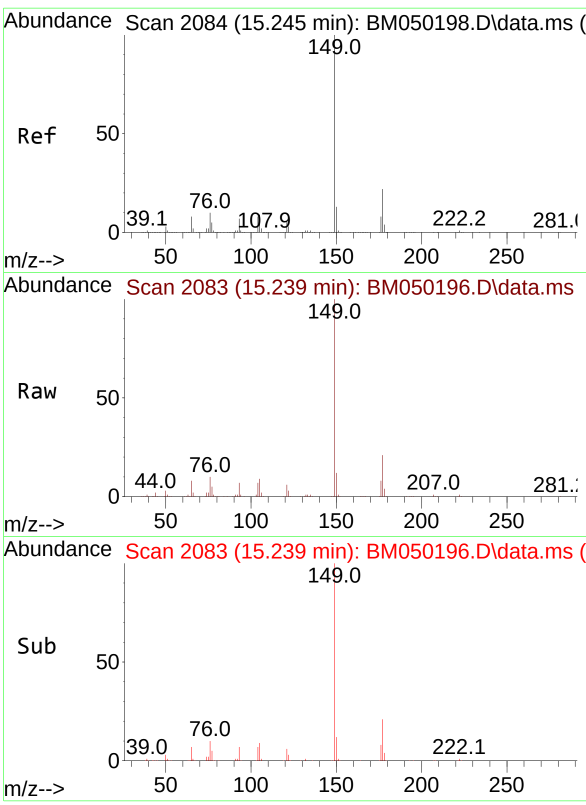
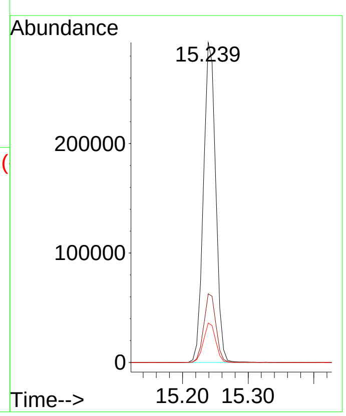


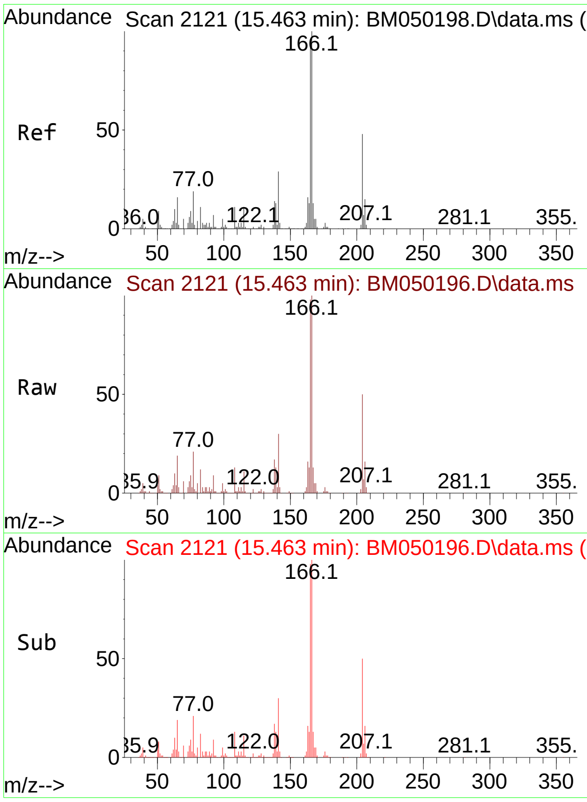


#60
Diethylphthalate
Concen: 9.477 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:149 Resp: 380099

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.2	25.8
150	12.3	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 10.283 ng
RT: 15.463 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:204 Resp: 19603

Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.4	38.0
141	59.4	47.9	71.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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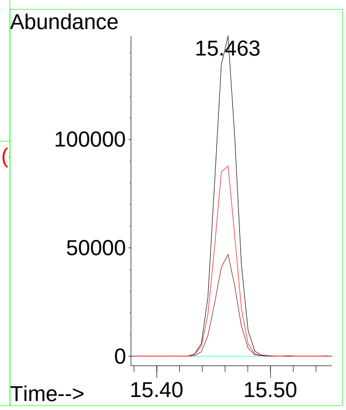
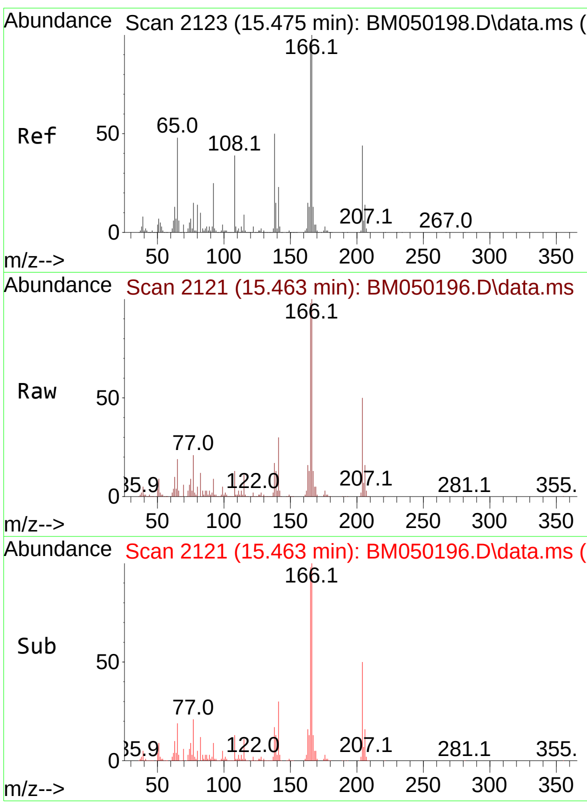
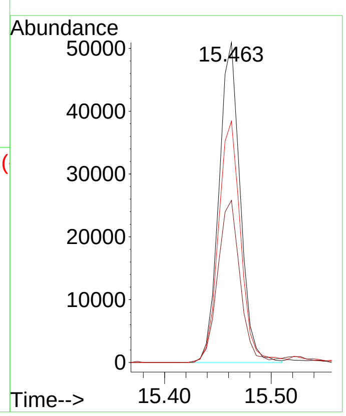




#62
4-Nitroaniline
Concen: 8.281 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:138 Resp: 70517

Ion	Ratio	Lower	Upper
138	100		
92	50.6	28.8	68.8
108	75.4	58.1	98.1



ICAL Form

Instrument :
BNA_M
ClientSampleId :
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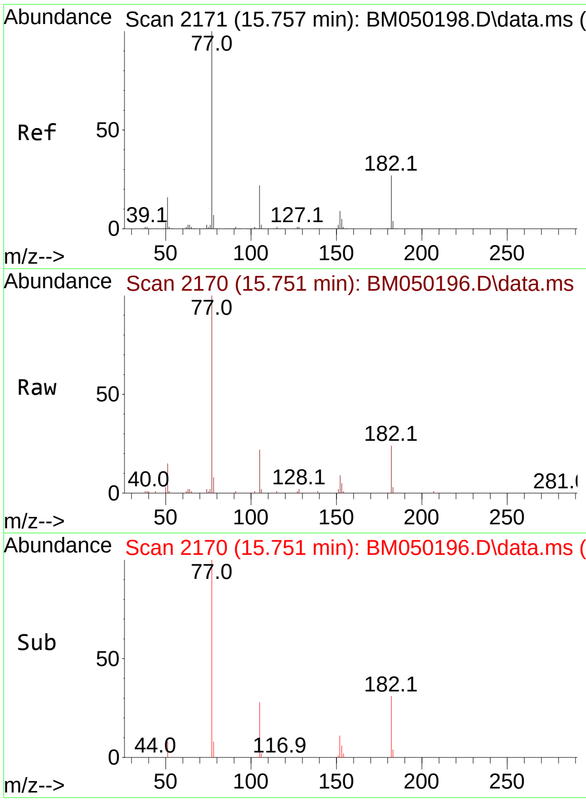
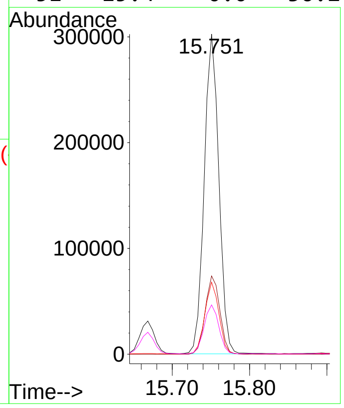
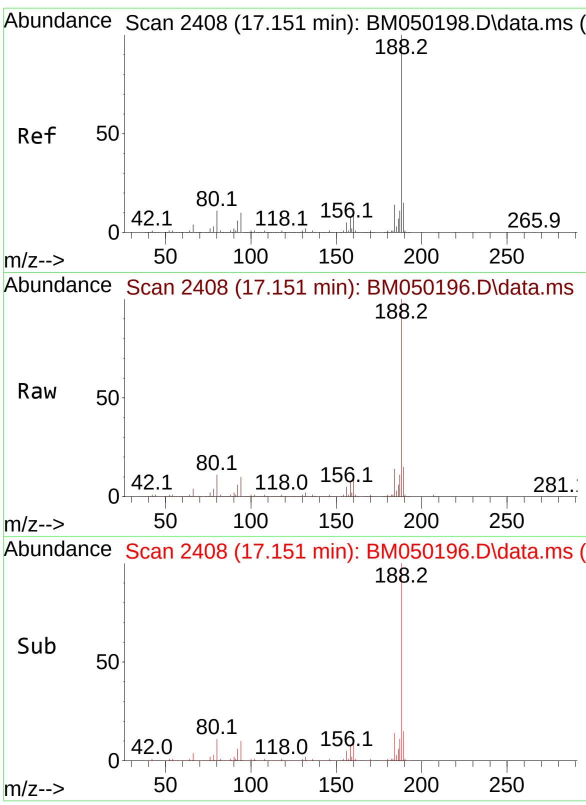


#63
Azobenzene
Concen: 9.913 ng
RT: 15.751 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 77 Resp: 39739

Ion	Ratio	Lower	Upper
77	100		
182	24.5	6.8	46.8
105	22.5	1.7	41.7
51	15.4	0.0	36.2

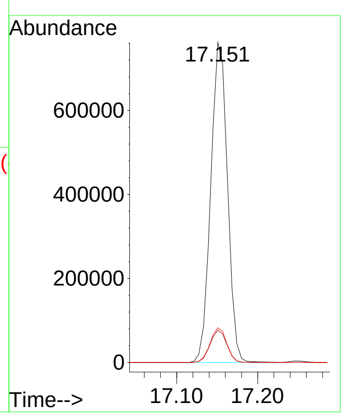




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:188 Resp: 1092132

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	10.9	8.6	13.0



ICAL Form

Instrument : BNA_M
ClientSampleId : SSTDICC010

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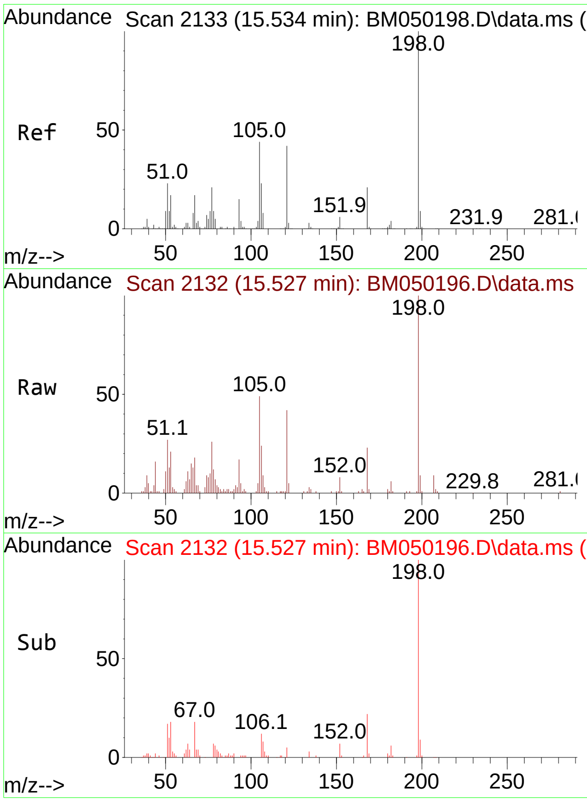
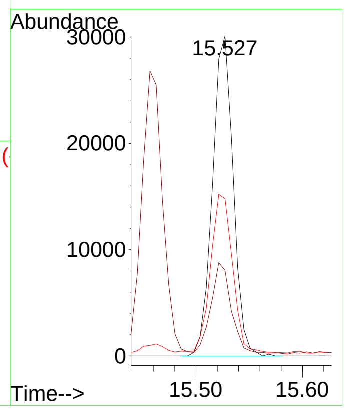
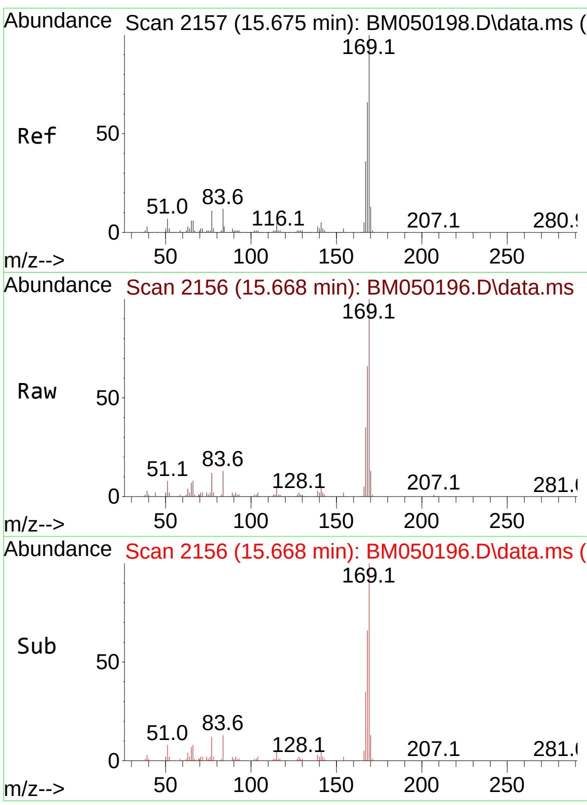


#65
4,6-Dinitro-2-methylphenol
Concen: 6.823 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:198 Resp: 4069

Ion	Ratio	Lower	Upper
198	100		
51	26.7	4.5	44.5
105	49.2	24.9	64.9

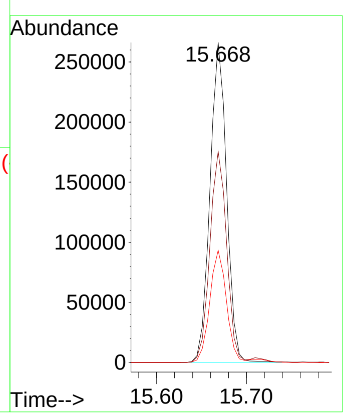




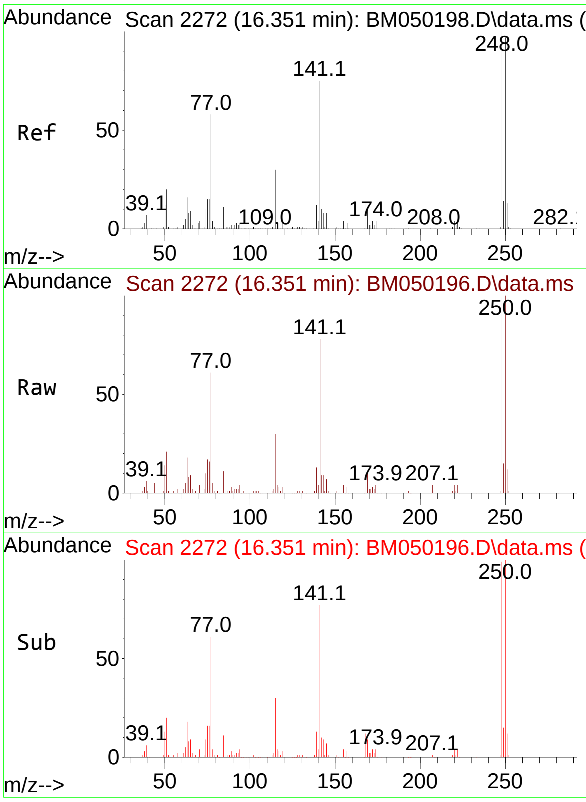
#66
n-Nitrosodiphenylamine
Concen: 9.957 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:169 Resp: 341695

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.1	79.7
167	35.0	29.0	43.6



ICAL Form



#67
4-Bromophenyl-phenylether
Concen: 9.568 ng
RT: 16.351 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 111429

Ion	Ratio	Lower	Upper
248	100		
250	100.9	78.0	117.0
141	78.2	60.1	90.1

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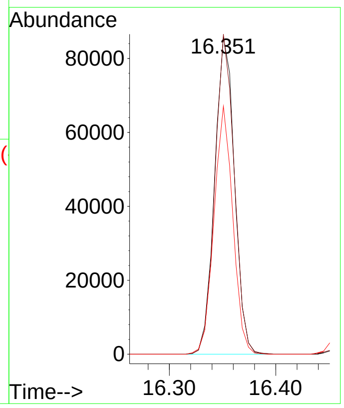
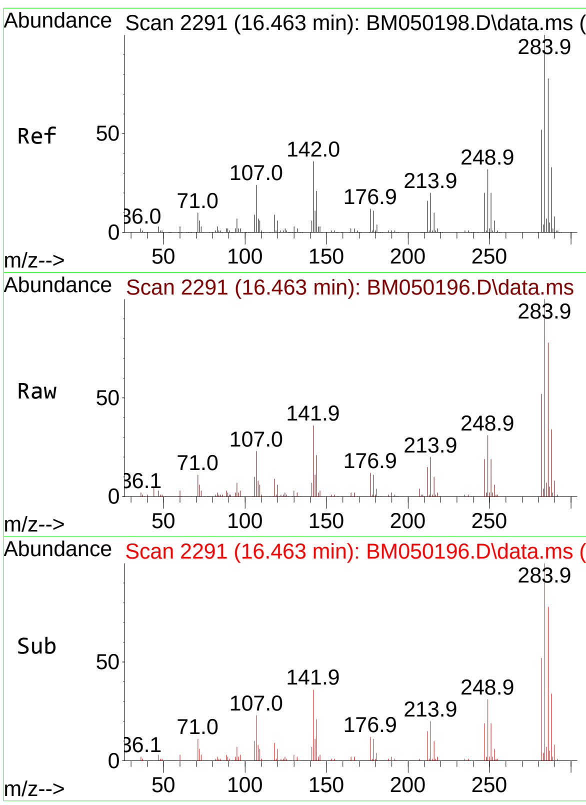
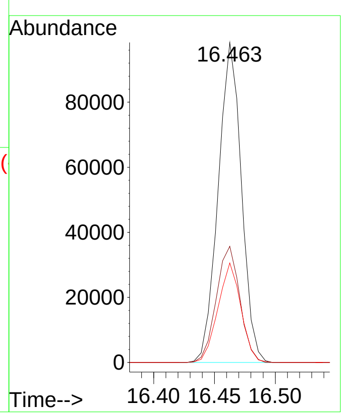




#68
Hexachlorobenzene
Concen: 9.622 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:284 Resp: 130925

Ion	Ratio	Lower	Upper
284	100		
142	36.3	28.8	43.2
249	31.1	25.8	38.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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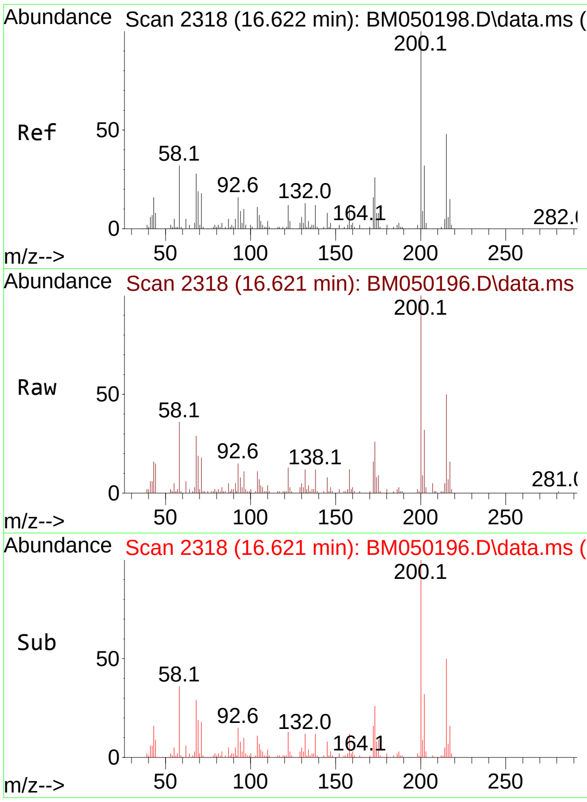
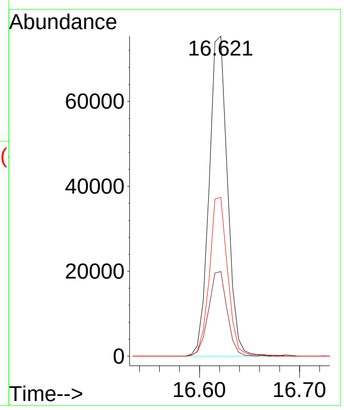
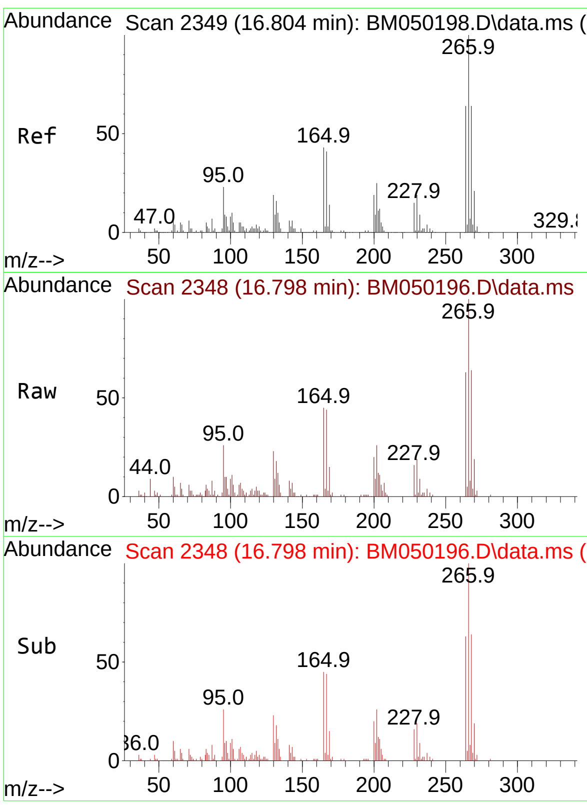


#69
Atrazine
Concen: 8.846 ng
RT: 16.621 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:200 Resp: 9672

Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.0	46.0
215	49.6	28.1	68.1

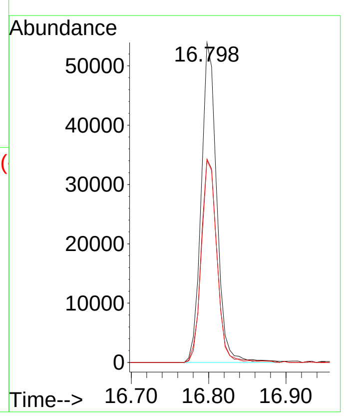




#70
Pentachlorophenol
Concen: 8.513 ng
RT: 16.798 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:266 Resp: 75315

Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.0	76.6
264	63.1	50.8	76.2



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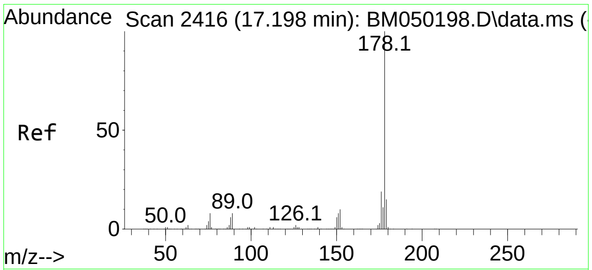
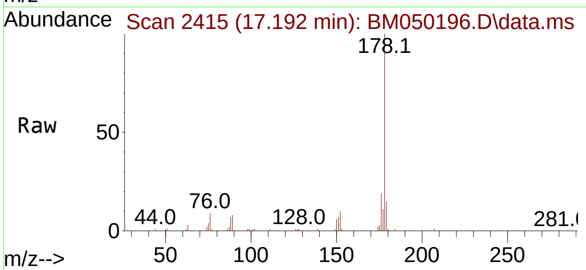
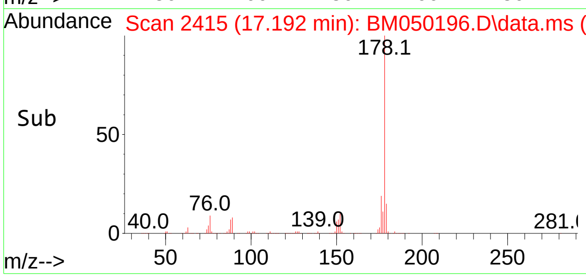


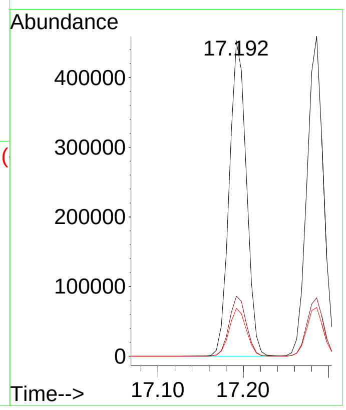




#71
Phenanthrene
Concen: 10.114 ng
RT: 17.192 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:178 Resp: 63098

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.2	12.3	18.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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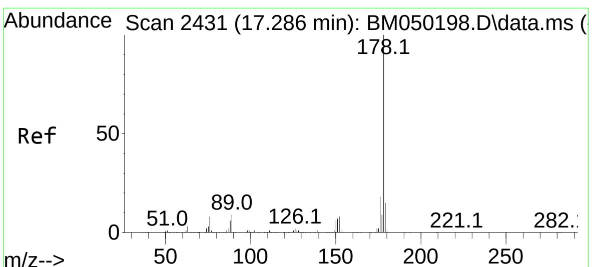
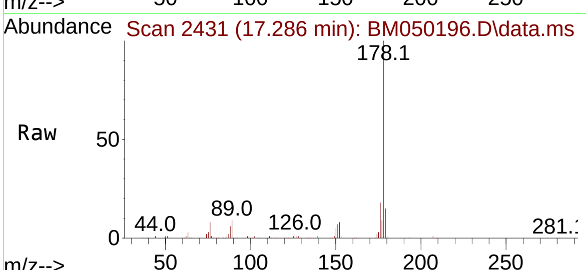
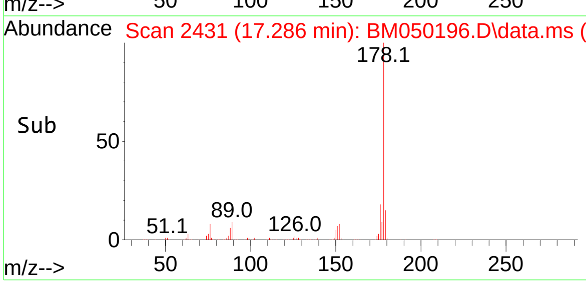


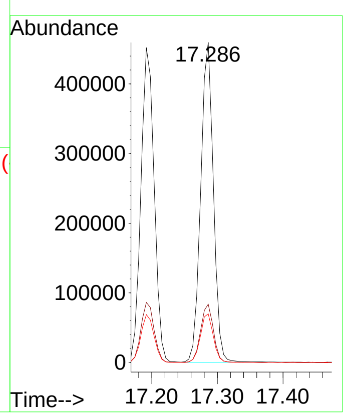




#72
Anthracene
Concen: 9.926 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:178 Resp: 619530

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.2	12.3	18.5



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Instrument :
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ClientSampleId :
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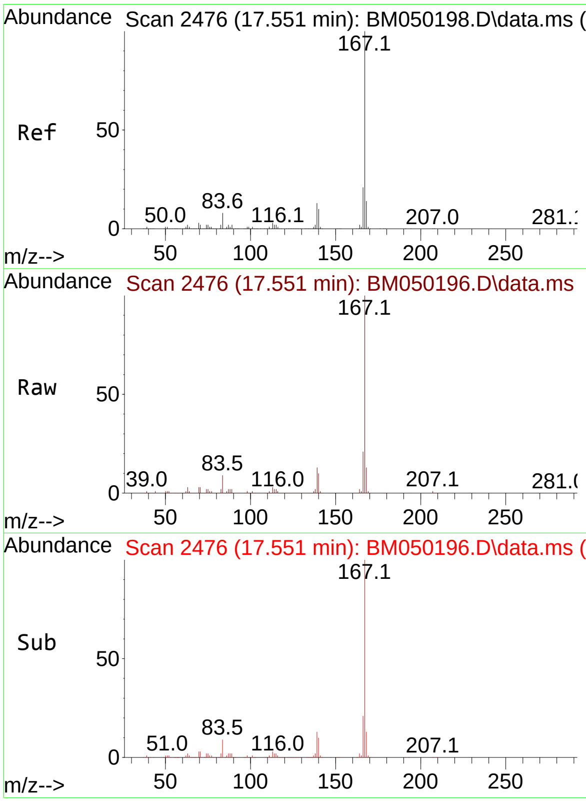
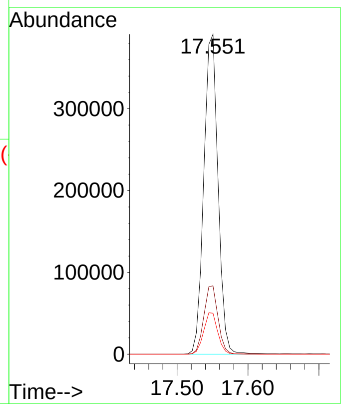
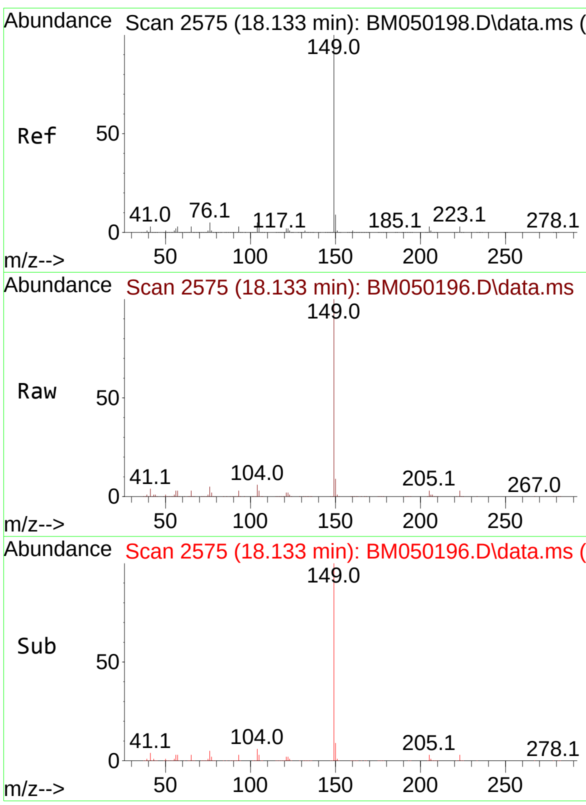
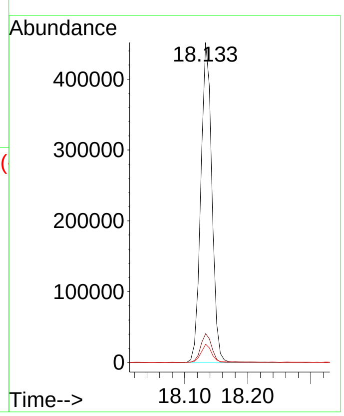


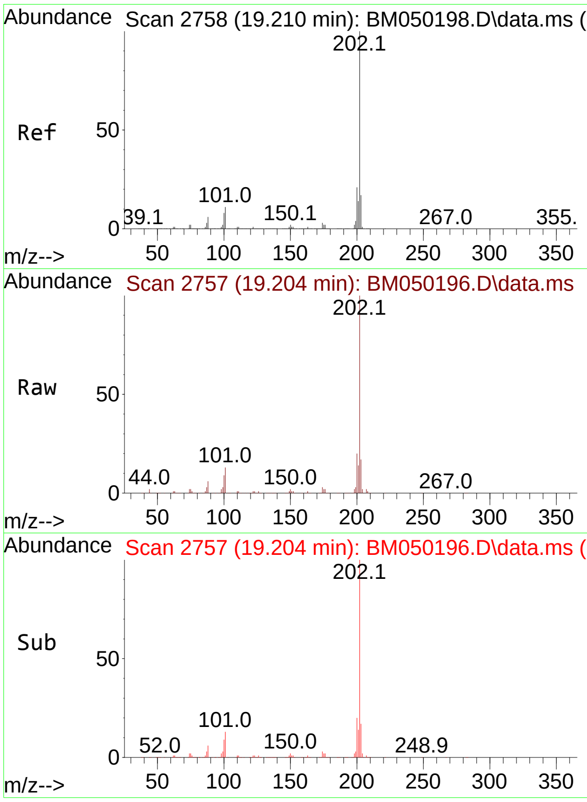

```
#73
Carbazole
Concen:    9.629 ng
RT:  17.551 min  Scan# 24
Delta R.T.  -0.000 min
Lab File:   BM050196.D
Acq: 05 Jun 2025  10:38

Tgt Ion:167 Resp:  54751
Ion  Ratio  Lower  Upper
167  100
166   21.4   17.0   25.6
139   12.8   10.2   15.4
```






```
#74
Di-n-butylphthalate
Concen:    8.885 ng
RT:  18.133 min  Scan# 2575
Delta R.T.  -0.000 min
Lab File:   BM050196.D
Acq: 05 Jun 2025  10:38

Tgt Ion:149 Resp:  549702
Ion  Ratio  Lower  Upper
149  100
150    9.0    7.4   11.0
104    5.7    4.0    6.0
```





#75
Fluoranthene
Concen: 9.457 ng
RT: 19.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:202 Resp: 62218

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.1
203	17.3	0.0	37.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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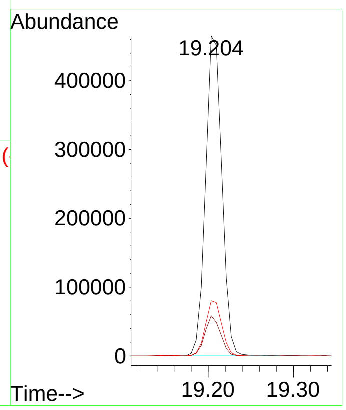
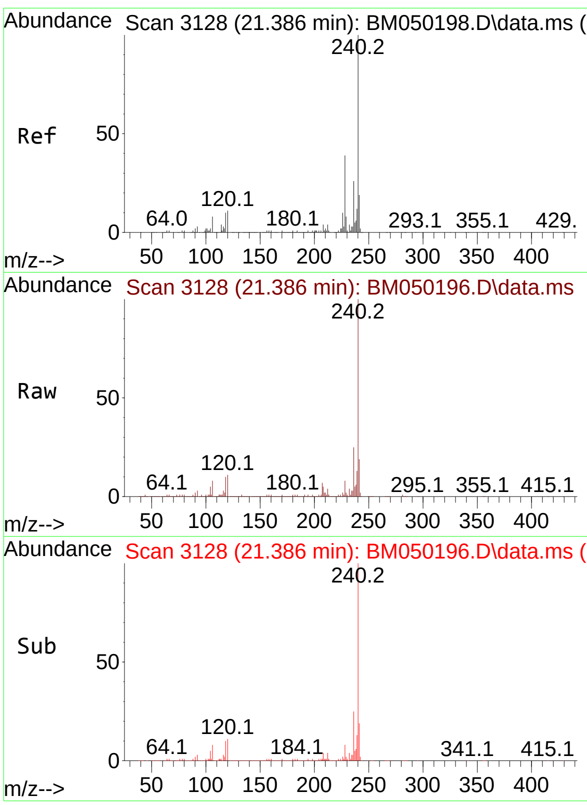
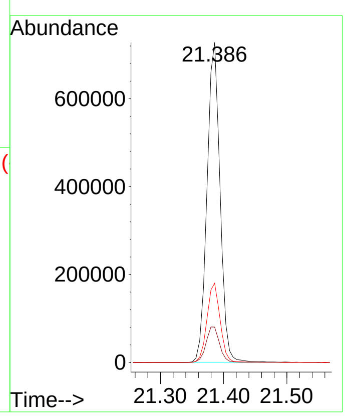




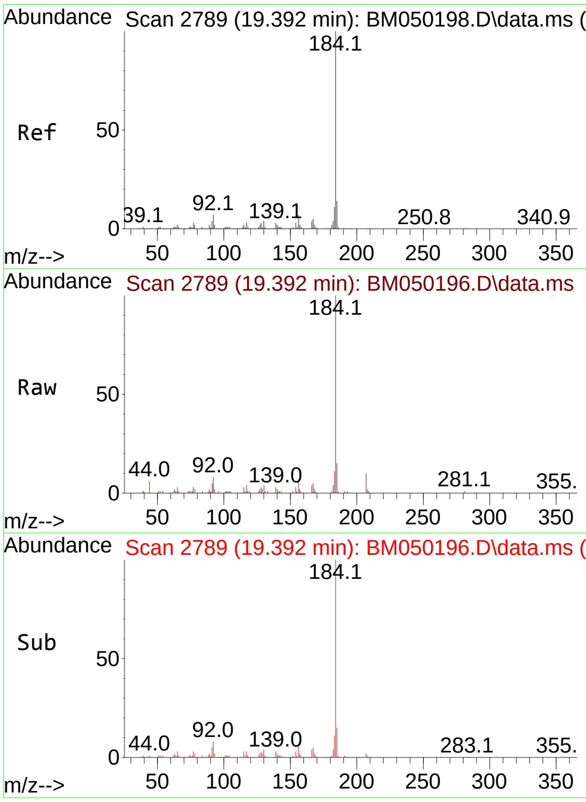
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:240 Resp: 1044209

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.4
236	24.8	20.7	31.1



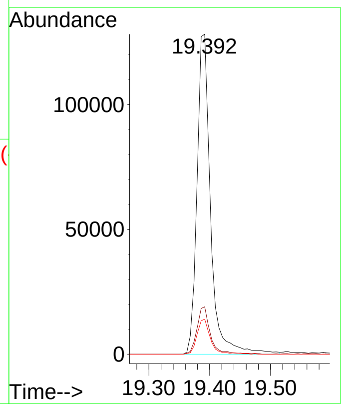
ICAL Form



#77
Benzidine
Concen: 6.780 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:184 Resp: 19908

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.5	17.3
183	11.0	9.0	13.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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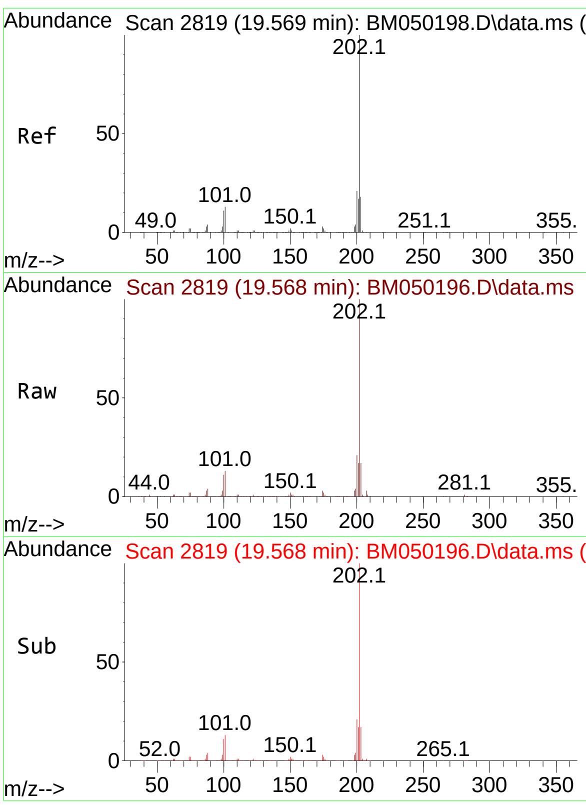
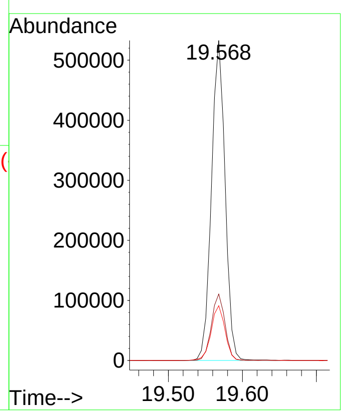
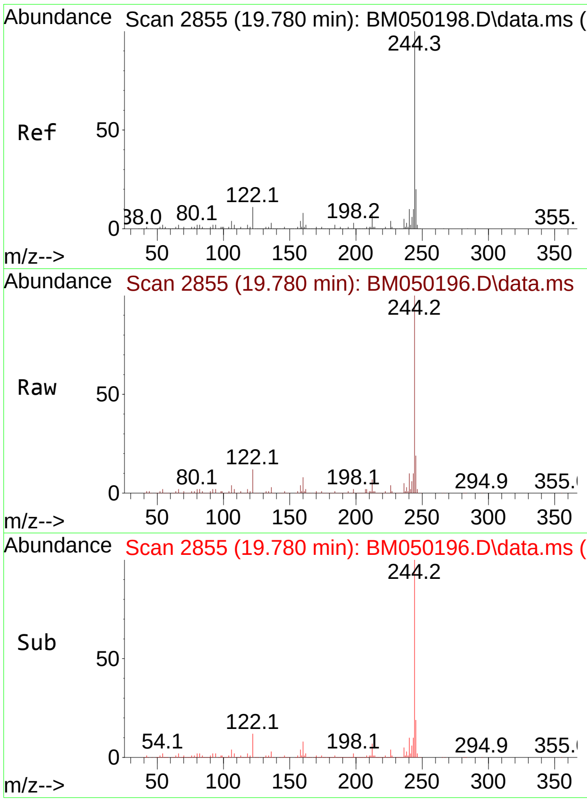


#78
Pyrene
Concen: 9.692 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:202 Resp: 682132

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.1	14.1	21.1

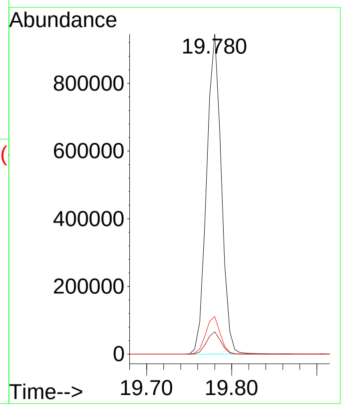




#79
Terphenyl-d14
Concen: 20.625 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:244 Resp: 113647

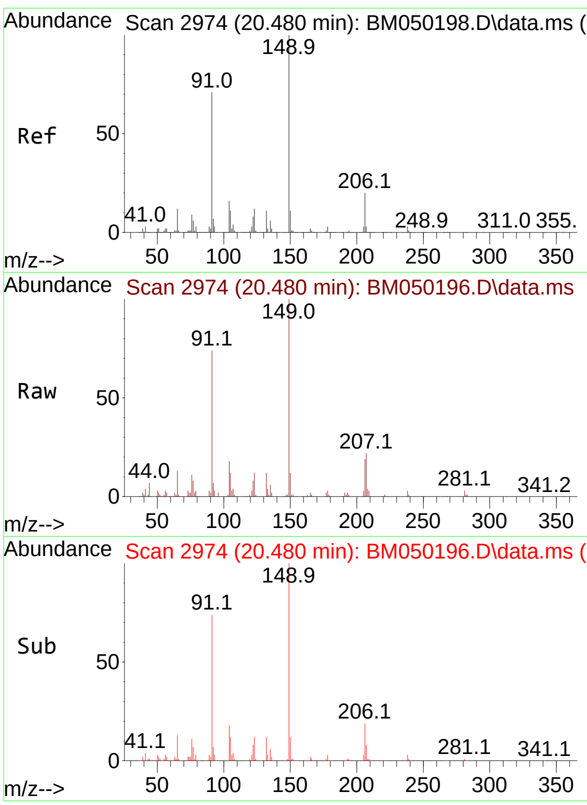
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.7	8.6	12.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

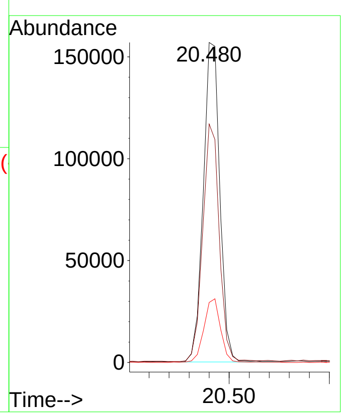
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



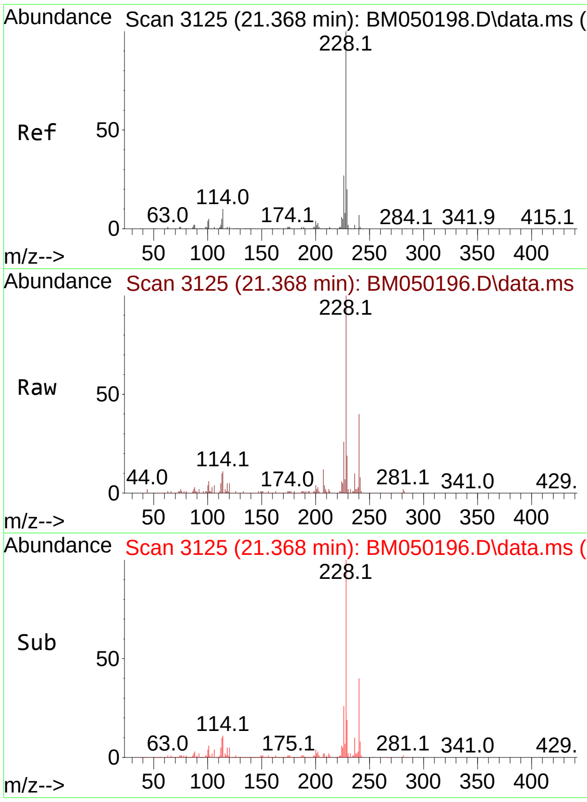
#80
Butylbenzylphthalate
Concen: 7.723 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:149 Resp: 181298

Ion	Ratio	Lower	Upper
149	100		
91	74.5	56.9	85.3
206	18.8	16.1	24.1



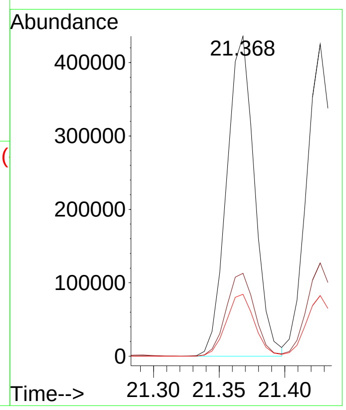
ICAL Form



#81
Benzo(a)anthracene
Concen: 9.725 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

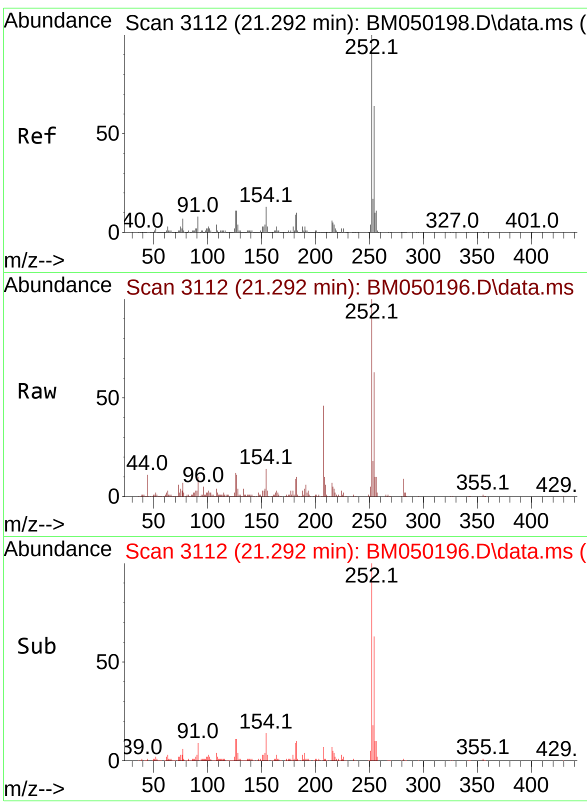
Tgt Ion:228 Resp: 64278

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.7	32.5
229	19.3	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

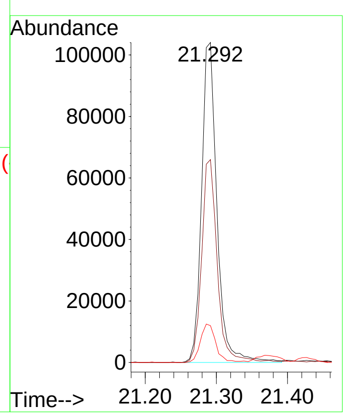
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli   06/05/2025
Supervised By :Jagrut Upadhyay   06/06/2025



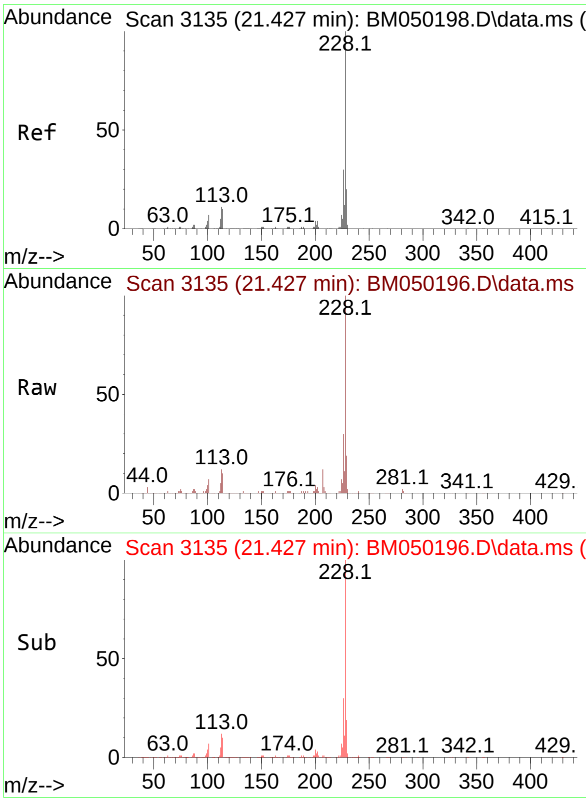
#82
3,3'-Dichlorobenzidine
Concen: 7.803 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:252 Resp: 157266

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.4	77.0
126	11.5	8.6	12.8



ICAL Form



#83
Chrysene
Concen: 9.836 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

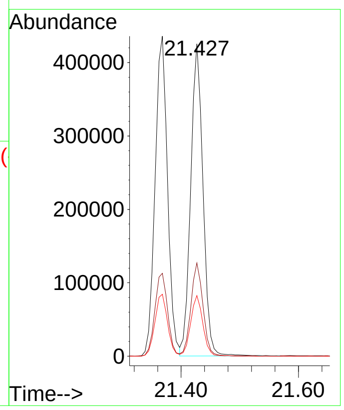
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

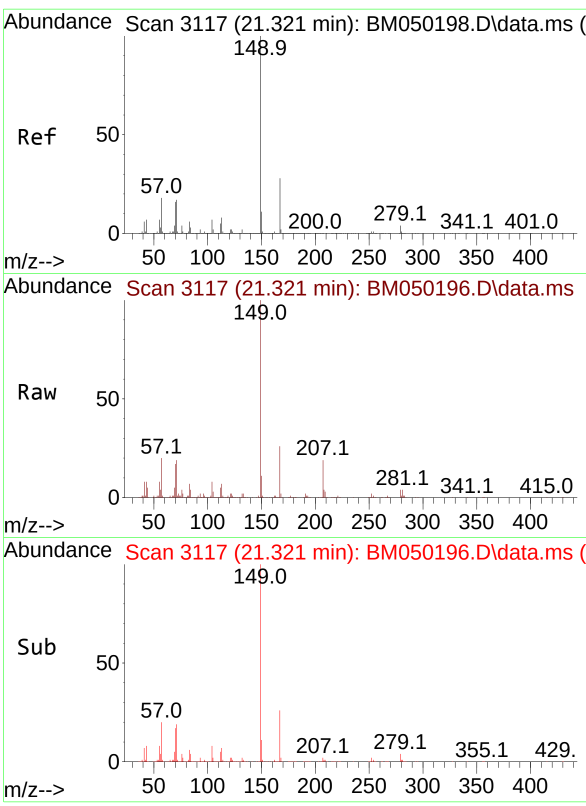
Manual Integrations APPROVED

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

Tgt Ion:228 Resp: 61839

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.4	15.8	23.8

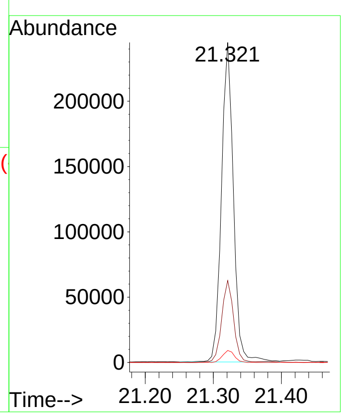




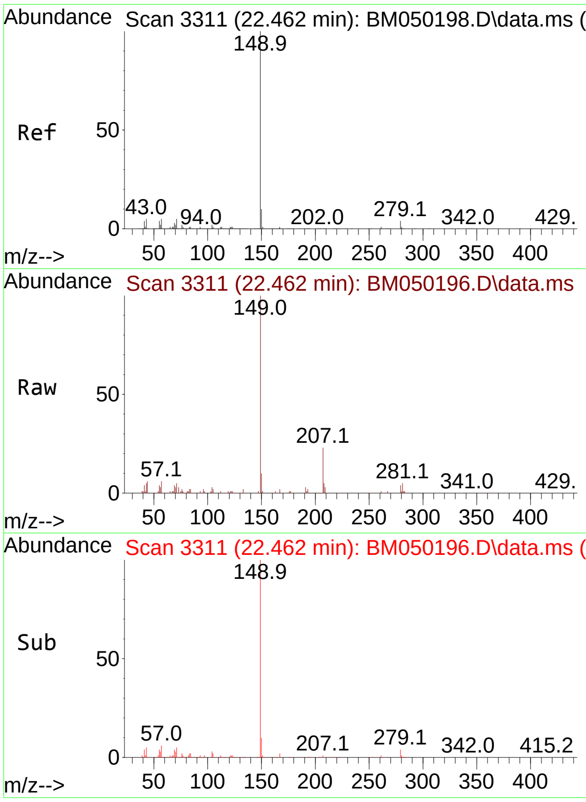
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.291 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:149 Resp: 299821

Ion	Ratio	Lower	Upper
149	100		
167	25.6	22.3	33.5
279	3.8	3.5	5.3



ICAL Form



#85
Di-n-octyl phthalate
Concen: 7.094 ng
RT: 22.462 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

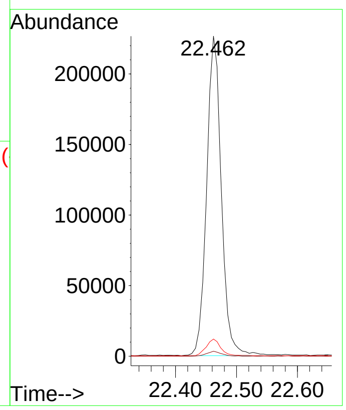
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

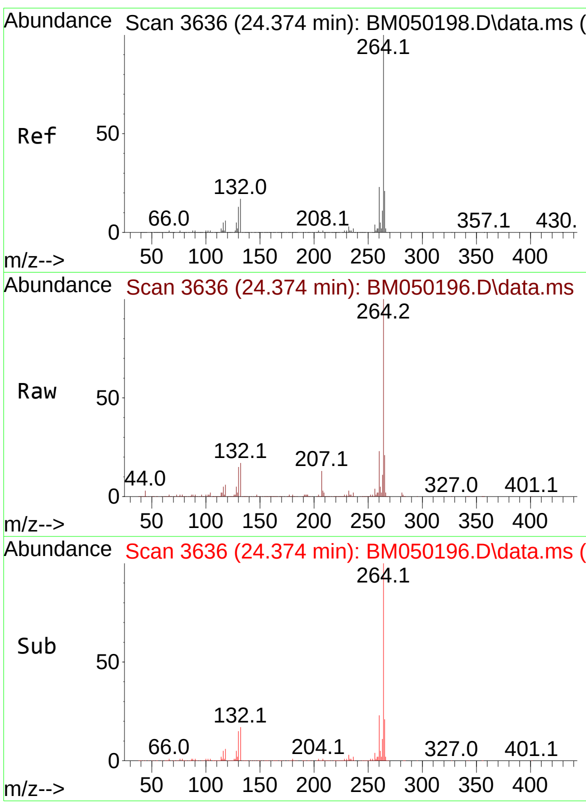
Manual Integrations
APPROVED

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

Tgt Ion:149 Resp: 38068

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	5.2	3.8	5.8

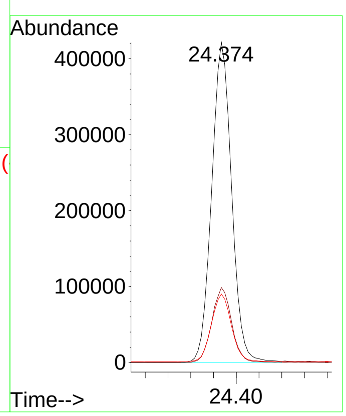




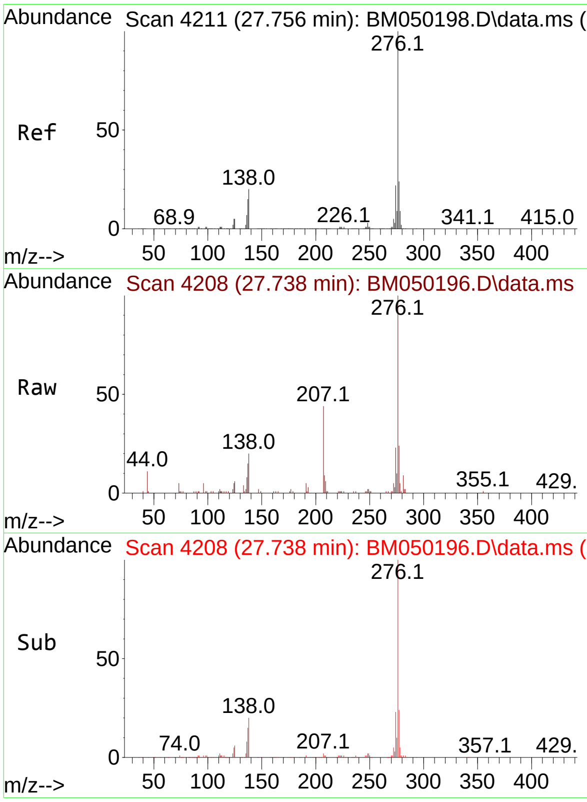
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:264 Resp: 1027174

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.4	16.8	25.2



ICAL Form



#87
Indeno(1,2,3-cd)pyrene
Concen: 9.189 ng
RT: 27.738 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

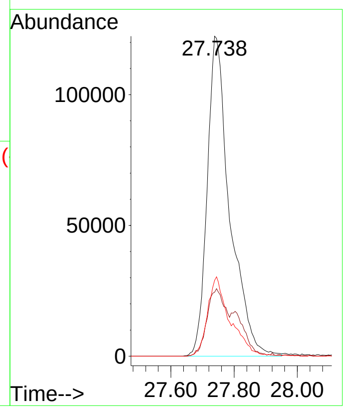
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

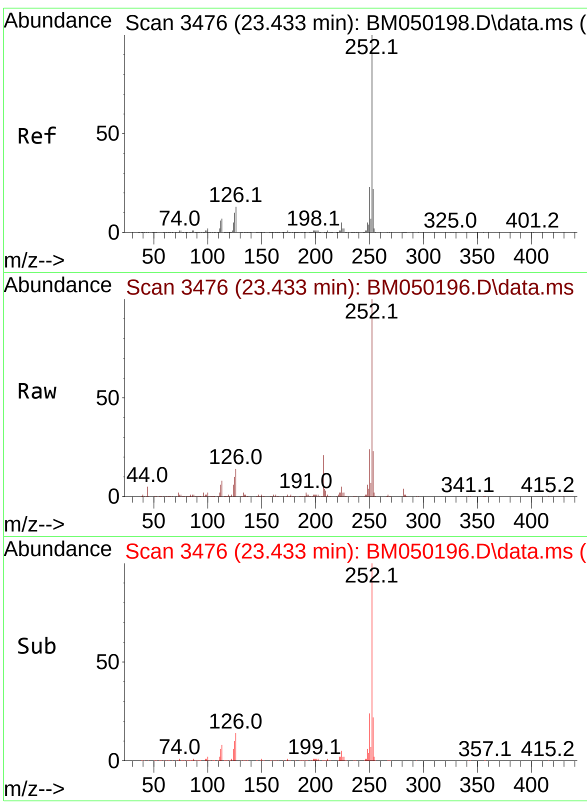
Tgt Ion:276 Resp: 60772

Ion	Ratio	Lower	Upper
276	100		
138	17.5	20.6	30.8#
277	24.7	19.8	29.6

Manual Integrations APPROVED

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

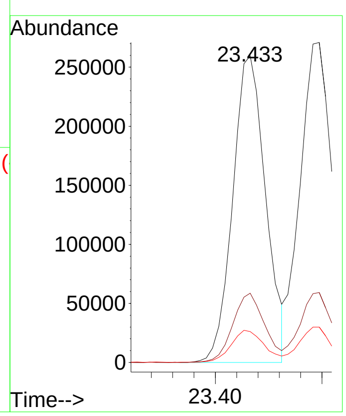




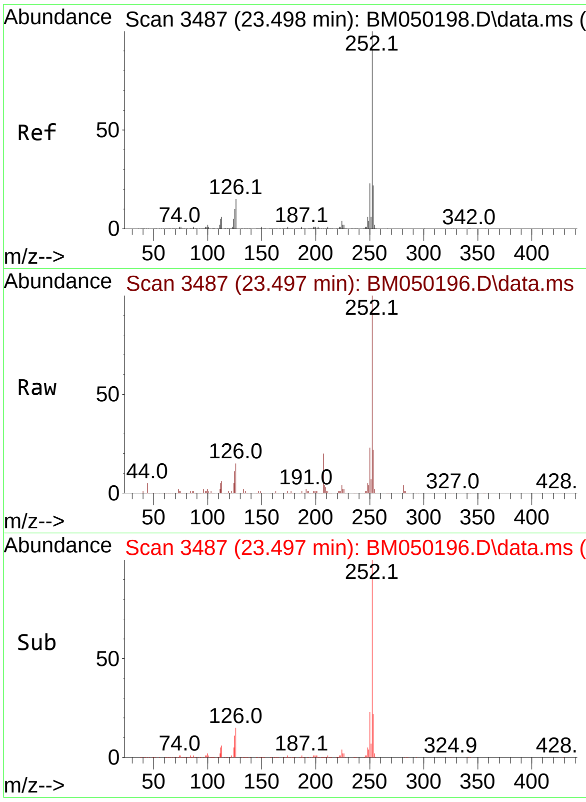
#88
Benzo(b)fluoranthene
Concen: 9.306 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:252 Resp: 555747

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	10.1	8.2	12.4



ICAL Form



#89
Benzo(k)fluoranthene
Concen: 9.677 ng
RT: 23.497 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

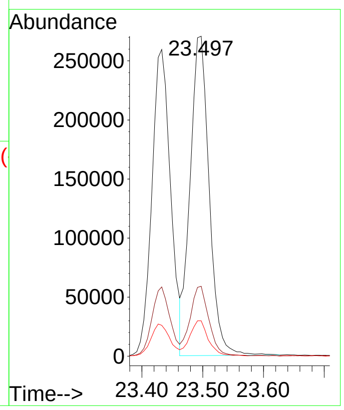
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

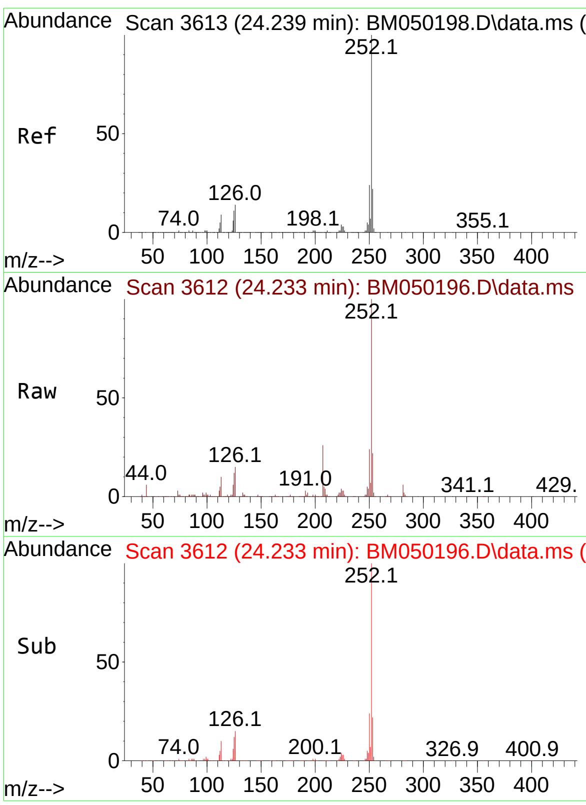
Tgt Ion:252 Resp: 58993

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	11.1	8.2	12.4

Manual Integrations APPROVED

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

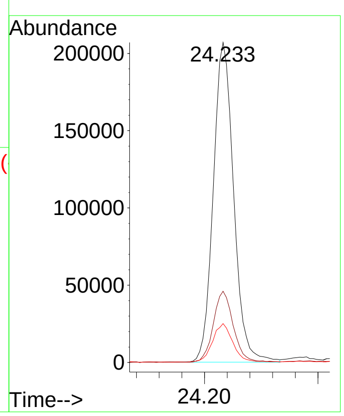




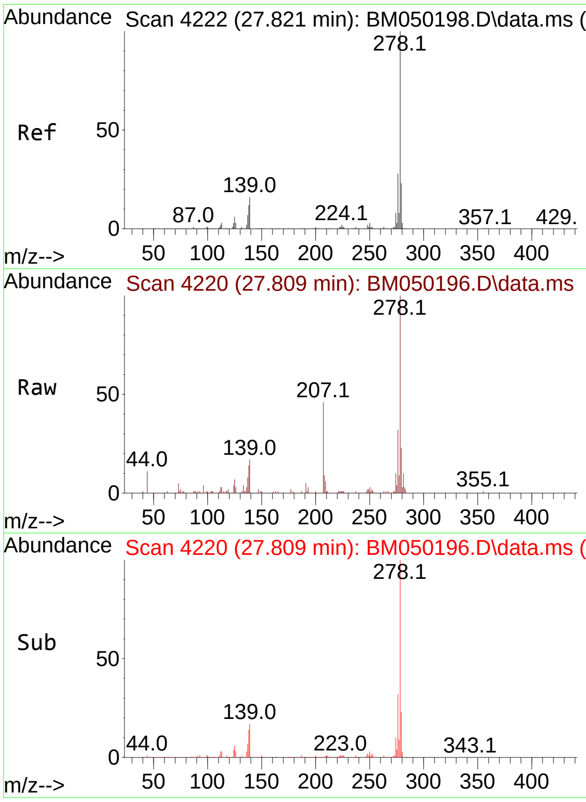
#90
Benzo(a)pyrene
Concen: 9.211 ng
RT: 24.233 min Scan# 3612
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:252 Resp: 517175

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	12.2	9.0	13.4



ICAL Form



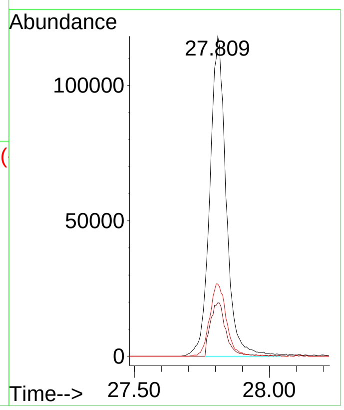
#91
Dibenzo(a,h)anthracene
Concen: 9.245 ng
RT: 27.809 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

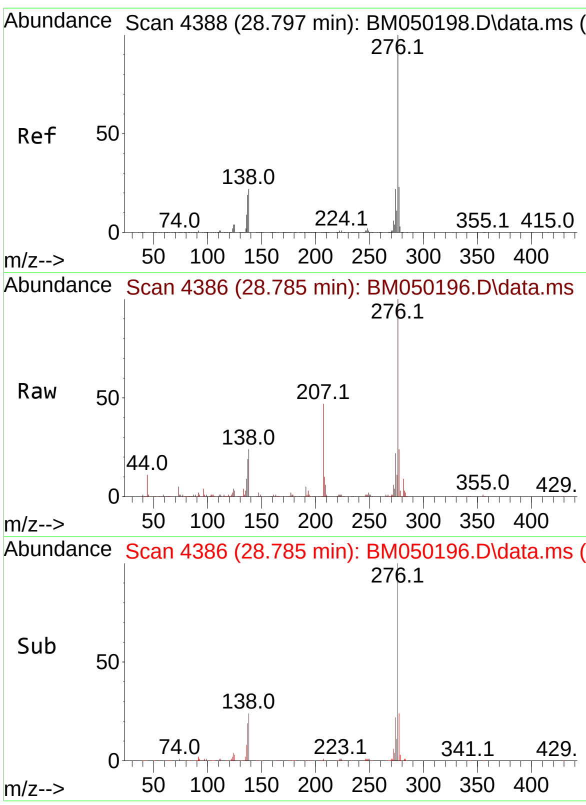
Tgt Ion:278 Resp: 49632

Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.8	19.2
279	22.6	18.6	28.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

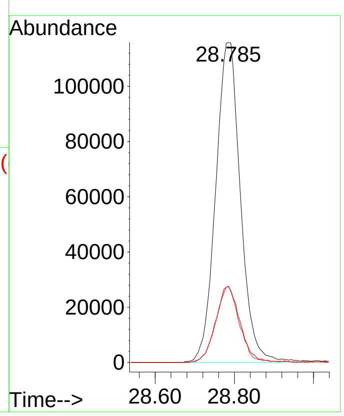




#92
Benzo(g,h,i)perylene
Concen: 9.347 ng
RT: 28.785 min Scan# 4386
Delta R.T. -0.012 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:276 Resp: 502232

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	23.8	17.8	26.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050197.D
Acq On : 05 Jun 2025 11:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jun 05 14:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	277976	20.000 ng		0.00
21) Naphthalene-d8	10.575	136	1171357	20.000 ng		0.00
39) Acenaphthene-d10	14.416	164	720692	20.000 ng		0.00
64) Phenanthrene-d10	17.151	188	1364843	20.000 ng		0.00
76) Chrysene-d12	21.386	240	1240830	20.000 ng		0.00
86) Perylene-d12	24.374	264	1156806	20.000 ng		0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	662532	39.759 ng		0.00
7) Phenol-d6	6.946	99	899139	40.989 ng		0.00
23) Nitrobenzene-d5	8.934	82	917335	40.730 ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	342402	41.770 ng		0.00
45) 2-Fluorobiphenyl	13.045	172	2208837	41.494 ng		0.00
79) Terphenyl-d14	19.780	244	2892092	44.169 ng		0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	143316	19.620 ng		99
3) Pyridine	3.681	79	380901	20.136 ng		99
4) n-Nitrosodimethylamine	3.593	42	77508	19.815 ng	#	97
6) Aniline	7.110	93	596745	20.578 ng		100
8) 2-Chlorophenol	7.352	128	373594	20.382 ng		99
9) Benzaldehyde	6.928	77	299039m	21.441 ng		
10) Phenol	6.975	94	475205	20.474 ng		100
11) bis(2-Chloroethyl)ether	7.210	93	383515	20.543 ng		99
12) 1,3-Dichlorobenzene	7.681	146	414543	20.230 ng		98
13) 1,4-Dichlorobenzene	7.822	146	434797	20.394 ng		99
14) 1,2-Dichlorobenzene	8.140	146	414769	20.407 ng		99
15) Benzyl Alcohol	8.022	79	320142	20.462 ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	270693	20.873 ng		98
17) 2-Methylphenol	8.222	107	314991	20.568 ng		97
18) Hexachloroethane	8.869	117	153532	19.885 ng		99
19) n-Nitroso-di-n-propyla...	8.593	70	297971	22.197 ng		98
20) 3+4-Methylphenols	8.546	107	426134	20.798 ng		98
22) Acetophenone	8.605	105	605945	20.706 ng	#	98
24) Nitrobenzene	8.975	77	420036	20.506 ng		97
25) Isophorone	9.504	82	802320	20.639 ng		100
26) 2-Nitrophenol	9.687	139	170594	19.294 ng		97
27) 2,4-Dimethylphenol	9.752	122	368697	20.275 ng		98
28) bis(2-Chloroethoxy)met...	9.993	93	523393	20.610 ng		99
29) 2,4-Dichlorophenol	10.222	162	338221	20.118 ng		99
30) 1,2,4-Trichlorobenzene	10.440	180	375562	20.074 ng		99
31) Naphthalene	10.628	128	1236626	20.419 ng		100
32) Benzoic acid	9.840	122	205878	18.032 ng		99
33) 4-Chloroaniline	10.728	127	531493	20.585 ng		99
34) Hexachlorobutadiene	10.922	225	221558	19.910 ng		99
35) Caprolactam	11.481	113	109175	20.483 ng		98
36) 4-Chloro-3-methylphenol	11.851	107	366554	20.433 ng		99
37) 2-Methylnaphthalene	12.240	142	752886	20.607 ng		98
38) 1-Methylnaphthalene	12.457	142	806687	20.803 ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	421559	20.257 ng		100
41) Hexachlorocyclopentadiene	12.598	237	244251	19.326 ng		98
43) 2,4,6-Trichlorophenol	12.845	196	273306	19.971 ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050197.D
Acq On : 05 Jun 2025 11:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

Quant Time: Jun 05 14:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	305541	20.334	ng		98
46) 1,1'-Biphenyl	13.251	154	1091201	20.221	ng		98
47) 2-Chloronaphthalene	13.292	162	850349	20.269	ng		99
48) 2-Nitroaniline	13.481	65	181276	19.634	ng		96
49) Acenaphthylene	14.139	152	1398350	20.607	ng		99
50) Dimethylphthalate	13.875	163	1007787	20.677	ng		100
51) 2,6-Dinitrotoluene	13.981	165	204779	20.834	ng		96
52) Acenaphthene	14.481	154	854295	20.128	ng		99
53) 3-Nitroaniline	14.304	138	224884	20.528	ng		97
54) 2,4-Dinitrophenol	14.510	184	94248	19.130	ng		98
55) Dibenzofuran	14.816	168	1279459	20.605	ng		98
56) 4-Nitrophenol	14.604	139	191313	20.518	ng		100
57) 2,4-Dinitrotoluene	14.769	165	263119	20.293	ng		99
58) Fluorene	15.463	166	1004752	21.126	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	266423	20.493	ng		92
60) Diethylphthalate	15.245	149	1020737	21.107	ng		99
61) 4-Chlorophenyl-phenyle...	15.463	204	480887	20.921	ng		99
62) 4-Nitroaniline	15.463	138	210030	20.456	ng		98
63) Azobenzene	15.751	77	1019944	21.101	ng		97
65) 4,6-Dinitro-2-methylph...	15.528	198	138015	18.514	ng		97
66) n-Nitrosodiphenylamine	15.669	169	872651	20.349	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	293588	20.172	ng		99
68) Hexachlorobenzene	16.463	284	345929	20.343	ng		99
69) Atrazine	16.622	200	281360	20.591	ng		98
70) Pentachlorophenol	16.798	266	225494	20.396	ng		98
71) Phenanthrene	17.192	178	1583183	20.305	ng		99
72) Anthracene	17.286	178	1603637	20.560	ng		99
73) Carbazole	17.551	167	1450582	20.414	ng		99
74) Di-n-butylphthalate	18.133	149	1619797	20.950	ng		100
75) Fluoranthene	19.210	202	1679948	20.431	ng		99
77) Benzidine	19.392	184	704620	20.194	ng		99
78) Pyrene	19.569	202	1791963	21.427	ng		100
80) Butylbenzylphthalate	20.480	149	570581	20.453	ng		98
81) Benzo(a)anthracene	21.363	228	1610203	20.502	ng		100
82) 3,3'-Dichlorobenzidine	21.286	252	470294	19.636	ng		98
83) Chrysene	21.427	228	1519821	20.343	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	871329	20.277	ng		98
85) Di-n-octyl phthalate	22.457	149	1161953	18.223	ng		99
87) Indeno(1,2,3-cd)pyrene	27.739	276	1450383	19.472	ng	#	91
88) Benzo(b)fluoranthene	23.427	252	1393549	20.720	ng		99
89) Benzo(k)fluoranthene	23.492	252	1413975	20.594	ng		100
90) Benzo(a)pyrene	24.233	252	1284647	20.315	ng		98
91) Dibenzo(a,h)anthracene	27.809	278	1181274	19.538	ng		99
92) Benzo(g,h,i)perylene	28.791	276	1171360	19.358	ng		99

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

Quantitation Report (QT Reviewed)

ICAL Form

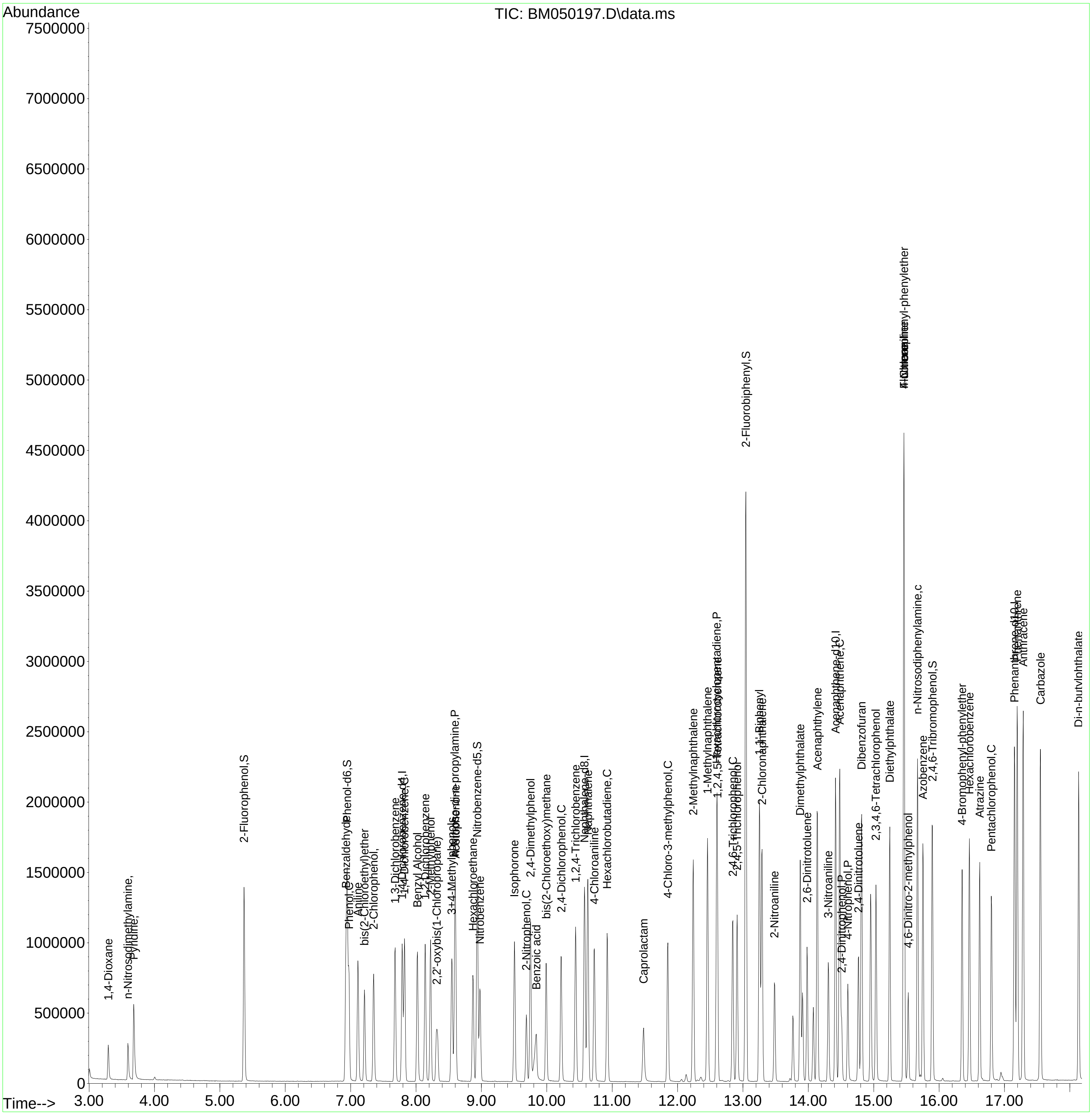
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050197.D
Acq On : 05 Jun 2025 11:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

Quant Time: Jun 05 14:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050197.D
Acq On : 05 Jun 2025 11:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 05 14:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/06/2025
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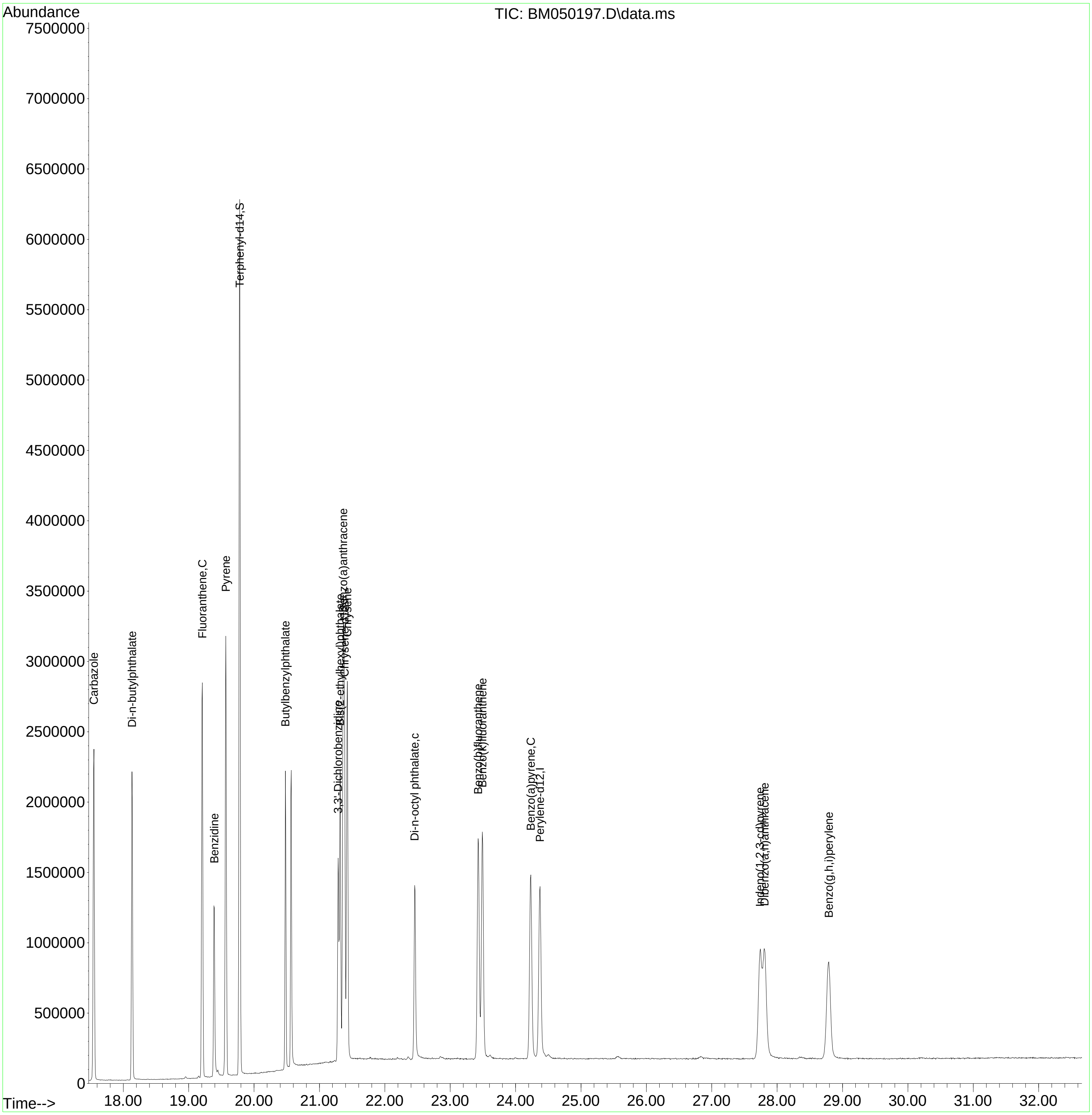

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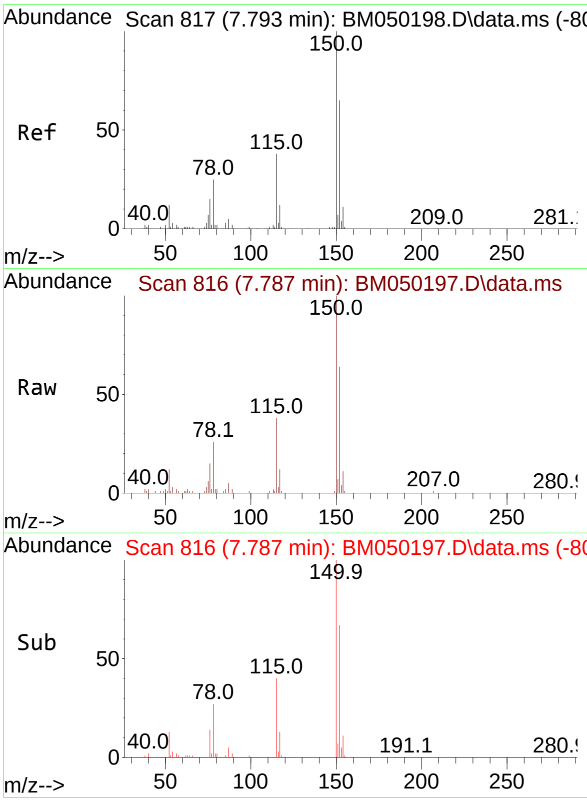
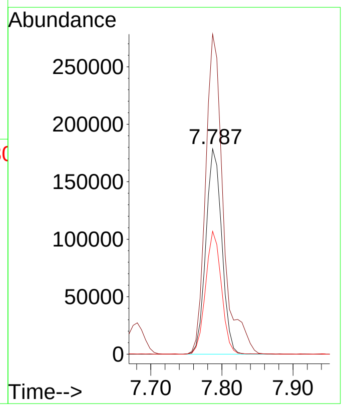


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:152 Resp: 27797

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.2	183.4
115	59.9	46.3	69.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/06/2025
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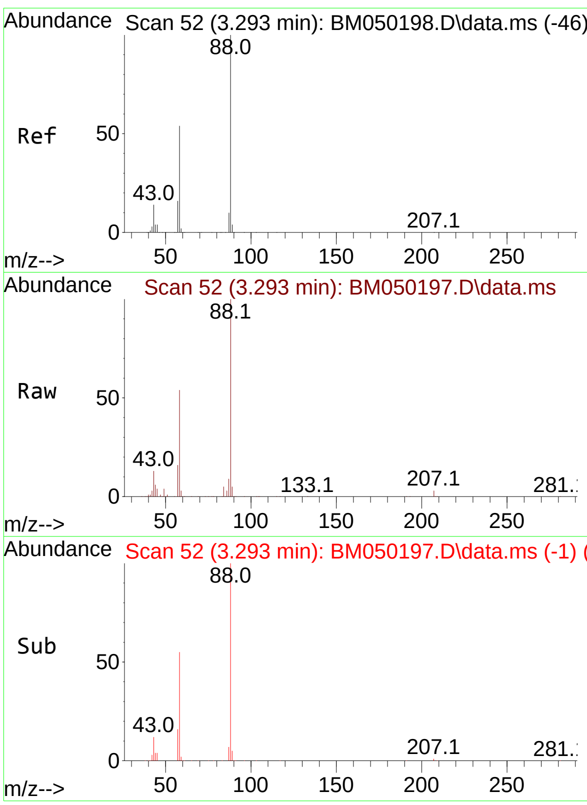
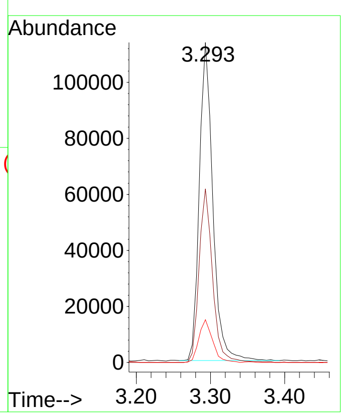


#2
1,4-Dioxane
Concen: 19.620 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 88 Resp: 143316

Ion	Ratio	Lower	Upper
88	100		
58	54.4	42.9	64.3
43	13.7	11.0	16.6



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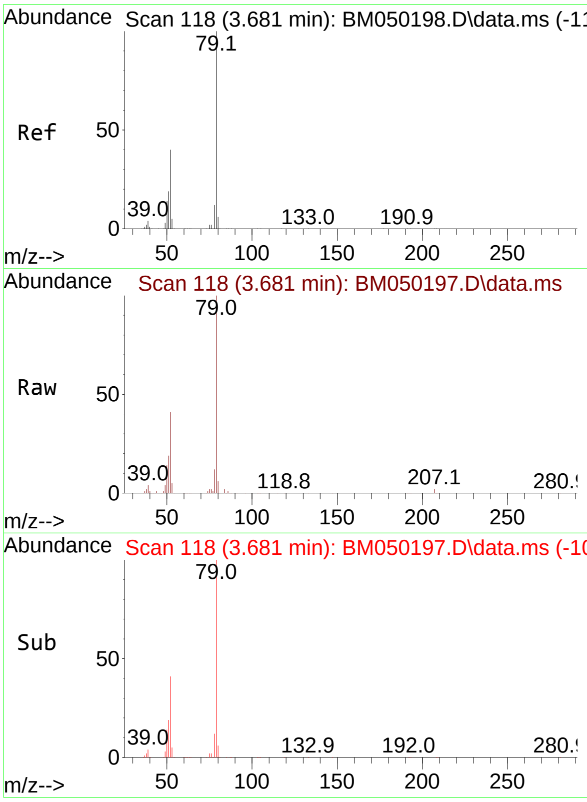

#3
Pyridine
Concen: 20.136 ng
RT: 3.681 min   Scan# 1
Delta R.T.   -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025   11:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 38090

Ion	Ratio	Lower	Upper
79	100		
52	41.1	32.1	48.1
51	19.2	15.4	23.0

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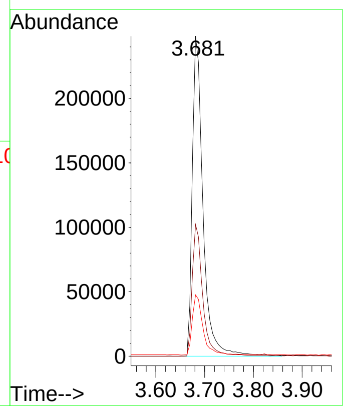
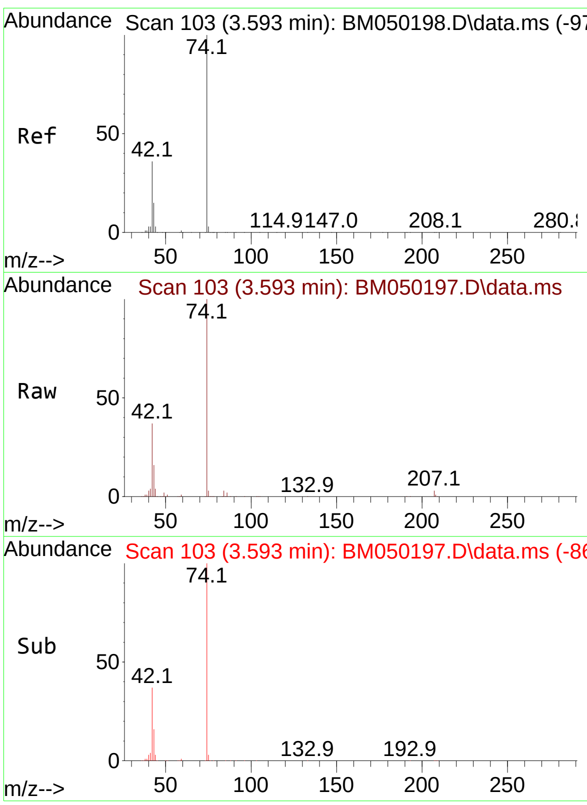
Supervised By :Jagrut Upadhyay   06/06/2025

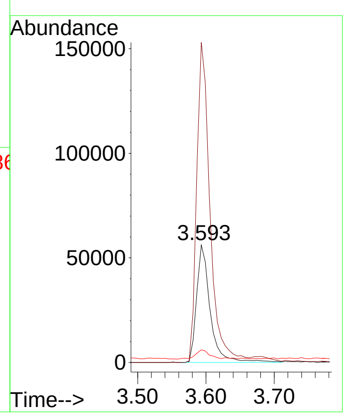




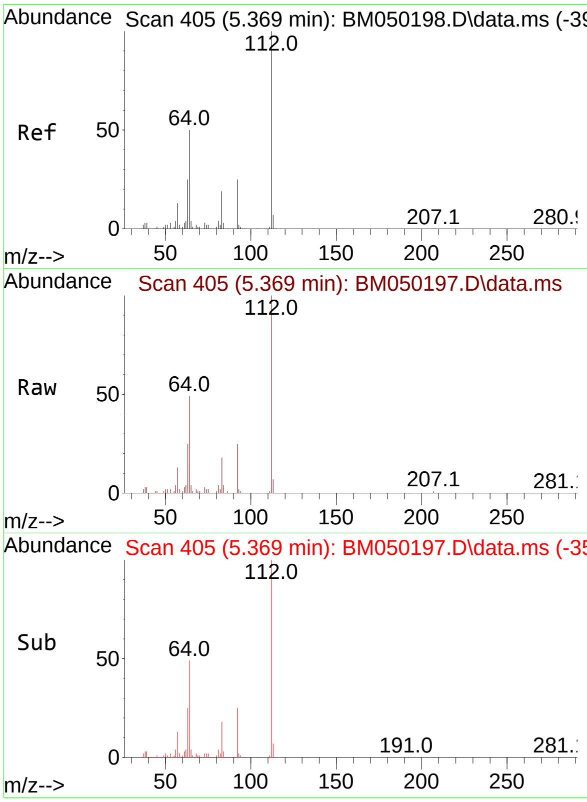
#4
n-Nitrosodimethylamine
Concen: 19.815 ng
RT: 3.593 min   Scan# 103
Delta R.T.   -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025   11:17

Tgt Ion: 42 Resp: 77508

Ion	Ratio	Lower	Upper
42	100		
74	272.5	222.0	333.0
44	10.8	7.0	10.6#



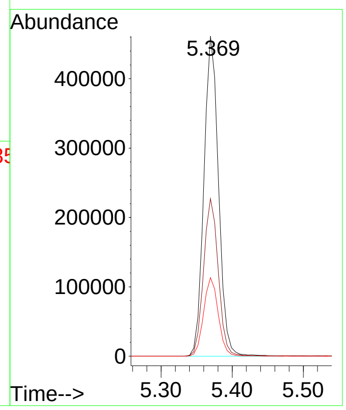
ICAL Form



#5
2-Fluorophenol
Concen: 39.759 ng
RT: 5.369 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:112 Resp: 66253

Ion	Ratio	Lower	Upper
112	100		
64	49.2	39.8	59.6
63	24.5	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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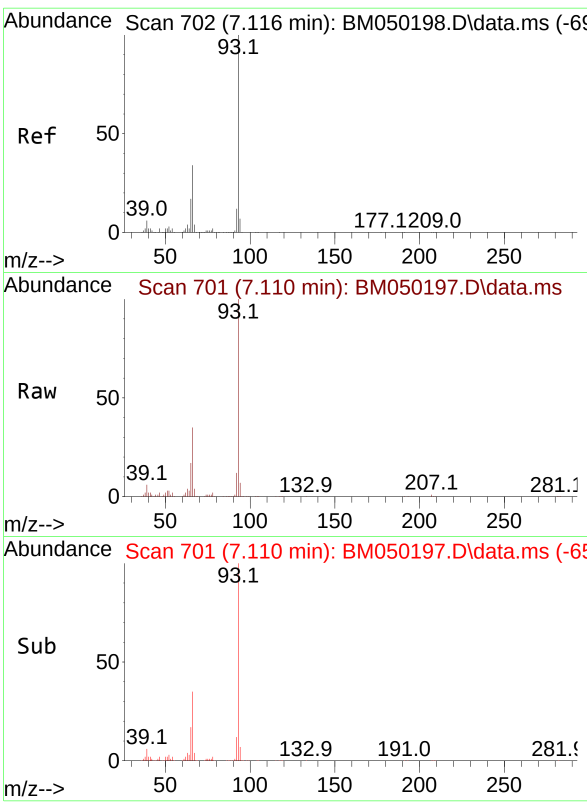
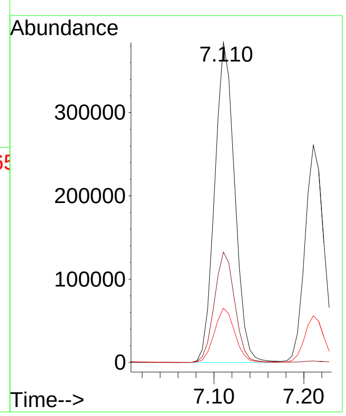
Supervised By :Jagrut Upadhyay 06/06/2025



#6
Aniline
Concen: 20.578 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 93 Resp: 596745

Ion	Ratio	Lower	Upper
93	100		
66	34.5	27.4	41.2
65	16.9	13.6	20.4



ICAL Form

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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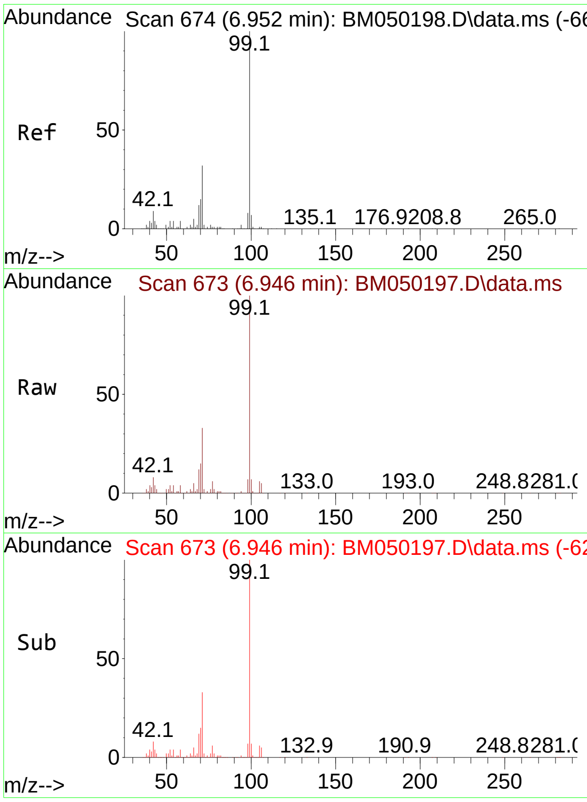
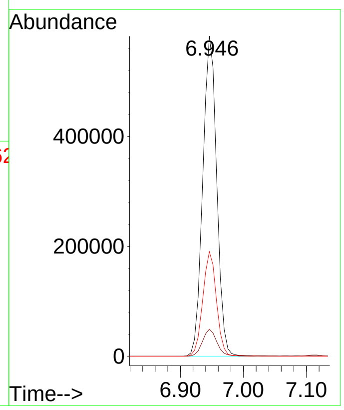
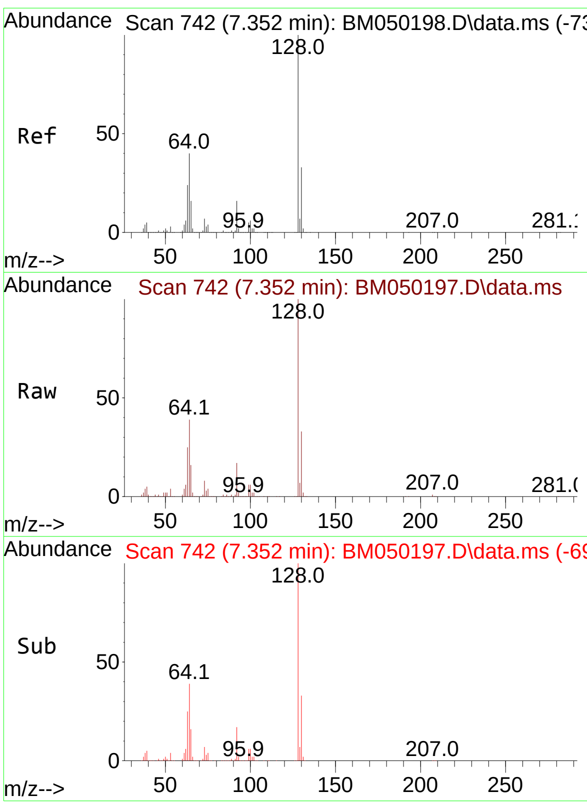


#7
Phenol-d6
Concen: 40.989 ng
RT: 6.946 min Scan# 67
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 99 Resp: 899139

Ion	Ratio	Lower	Upper
99	100		
42	8.4	6.9	10.3
71	32.6	25.3	37.9

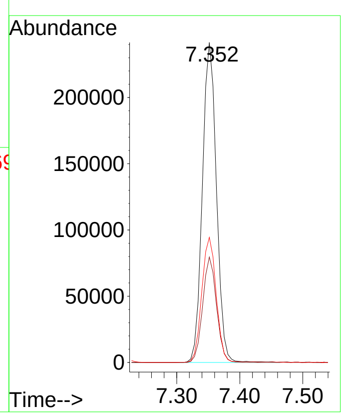




#8
2-Chlorophenol
Concen: 20.382 ng
RT: 7.352 min Scan# 742
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:128 Resp: 373594

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	39.1	19.8	59.8



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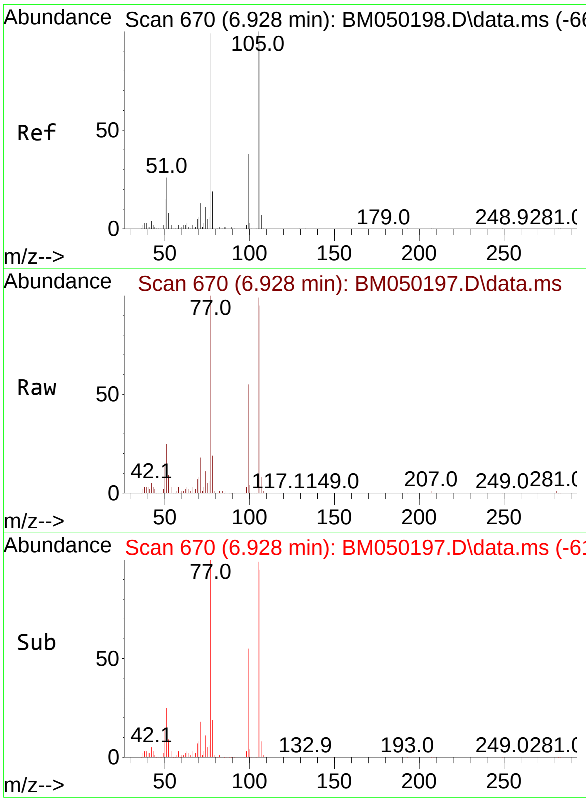

#9
Benzaldehyde
Concen: 21.441 ng   m
RT: 6.928 min   Scan# 67
Delta R.T.   0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025   11:17

Tgt Ion: 77 Resp: 299039

Ion	Ratio	Lower	Upper
77	100		
105	99.2	80.9	120.9
106	95.0	77.1	117.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
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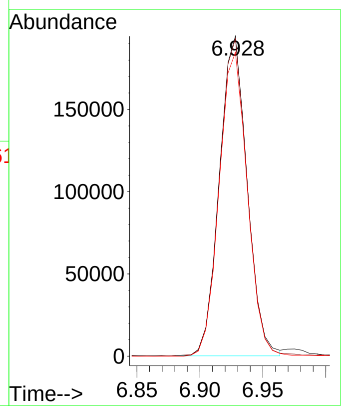
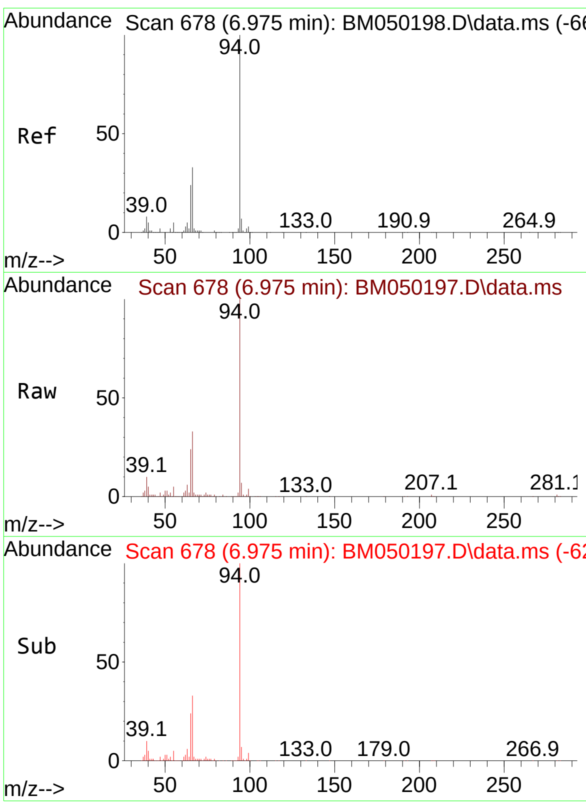
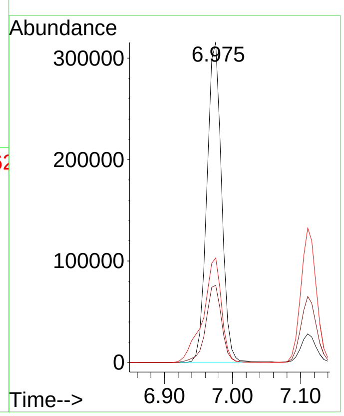




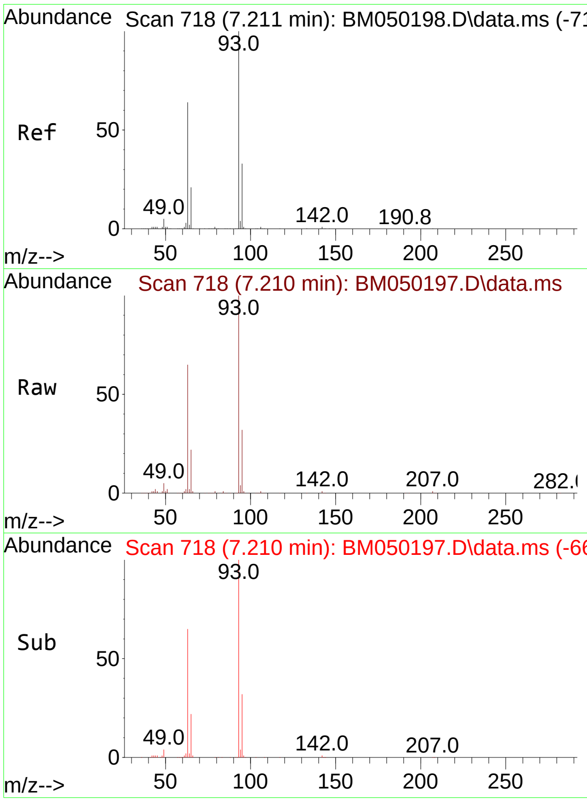
#10
Phenol
Concen: 20.474 ng
RT: 6.975 min   Scan# 678
Delta R.T.   -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025   11:17

Tgt Ion: 94 Resp: 475205

Ion	Ratio	Lower	Upper
94	100		
65	24.1	4.3	44.3
66	32.7	12.9	52.9



ICAL Form




```
#11
bis(2-Chloroethyl)ether
Concen:   20.543 ng
RT:   7.210 min   Scan# 71
Delta R.T.   -0.000 min
Lab File:    BM050197.D
Acq: 05 Jun 2025   11:17

Tgt Ion: 93 Resp:   38351
Ion   Ratio   Lower   Upper
 93   100
 63    65.3    43.9    83.9
 95    32.4    12.7    52.7
```

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
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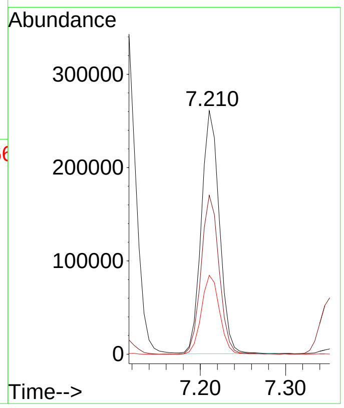
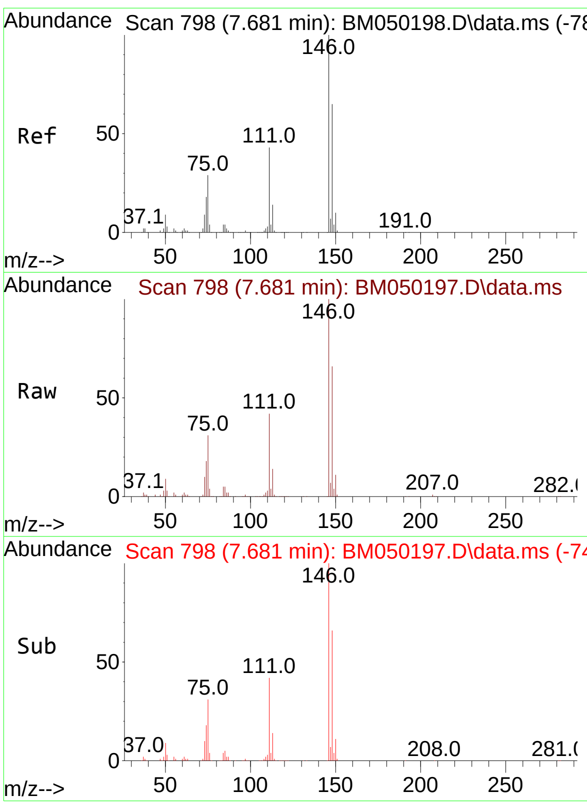
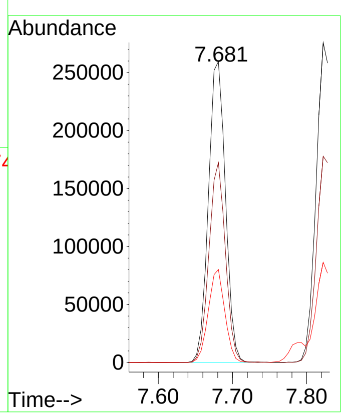





```
#12
1,3-Dichlorobenzene
Concen:   20.230 ng
RT:   7.681 min   Scan# 798
Delta R.T.   -0.000 min
Lab File:    BM050197.D
Acq: 05 Jun 2025   11:17

Tgt Ion:146 Resp:   414543
Ion   Ratio   Lower   Upper
146   100
148    66.4    51.9    77.9
 75    30.9    23.4    35.0
```



ICAL Form

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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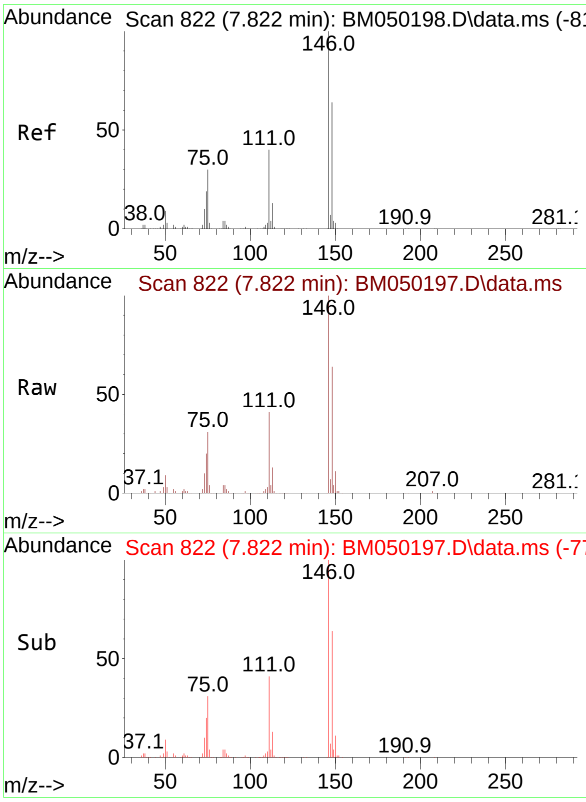
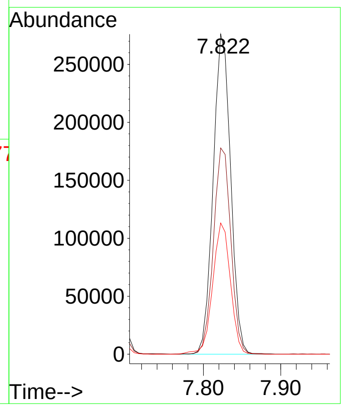
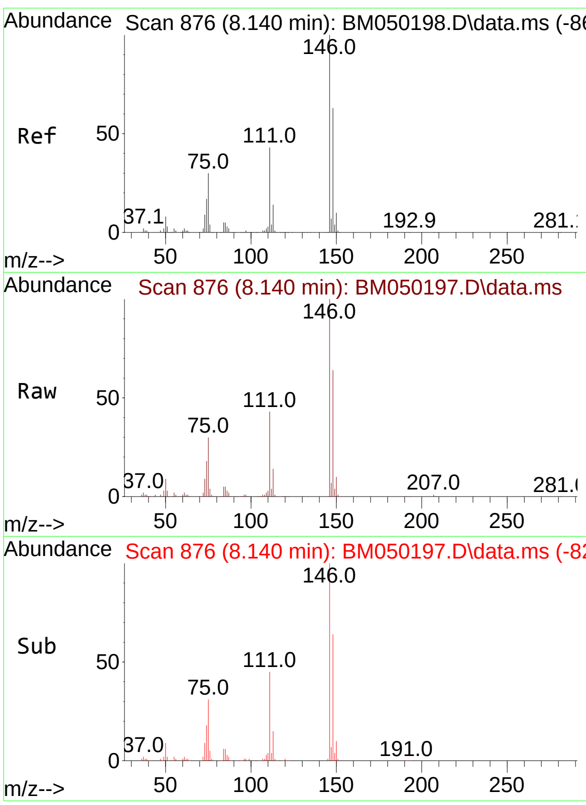


#13
1,4-Dichlorobenzene
Concen: 20.394 ng
RT: 7.822 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:146 Resp: 43479

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
111	41.0	32.3	48.5

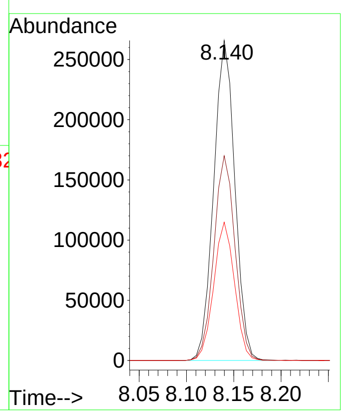




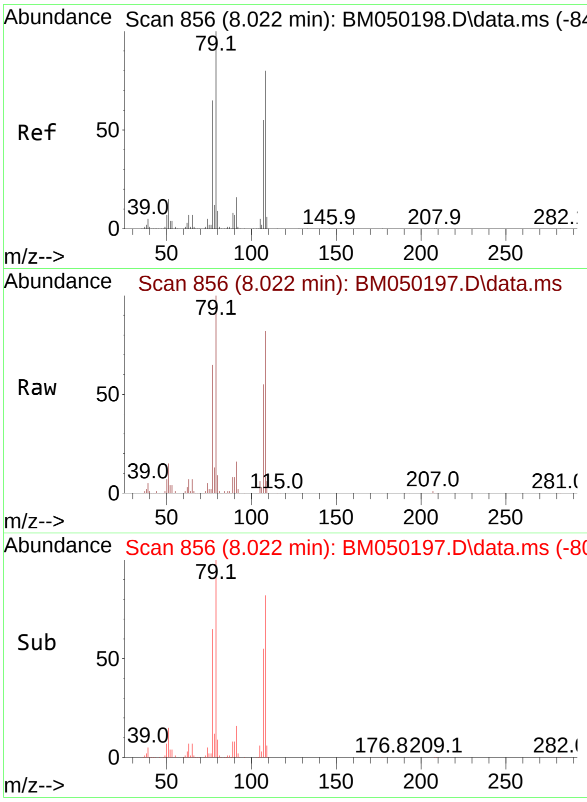
#14
1,2-Dichlorobenzene
Concen: 20.407 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:146 Resp: 414769

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	43.2	34.3	51.5



ICAL Form



#15
Benzyl Alcohol
Concen: 20.462 ng
RT: 8.022 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 79 Resp: 32014

Ion	Ratio	Lower	Upper
79	100		
108	81.8	64.0	96.0
77	65.2	52.2	78.2

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 06/06/2025
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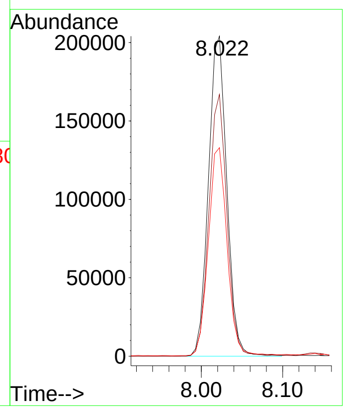
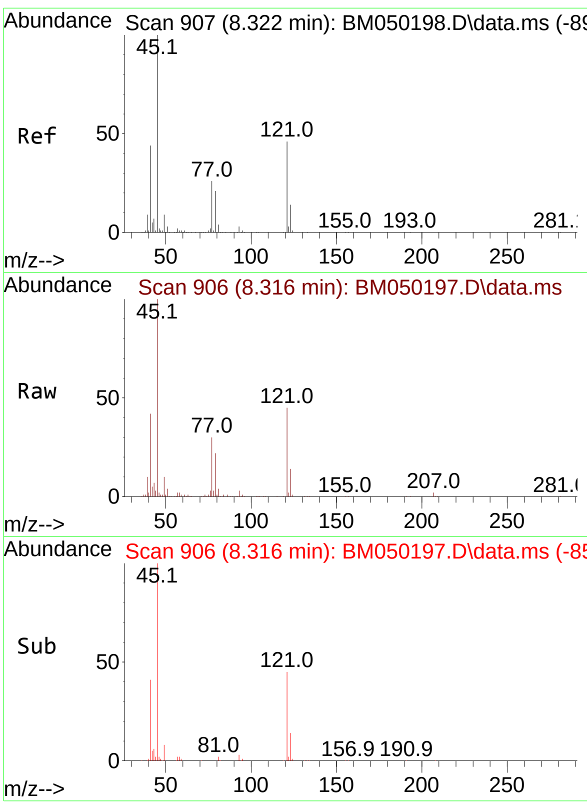
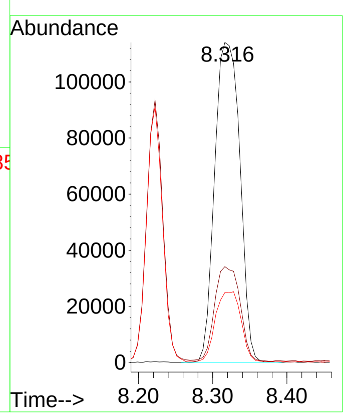


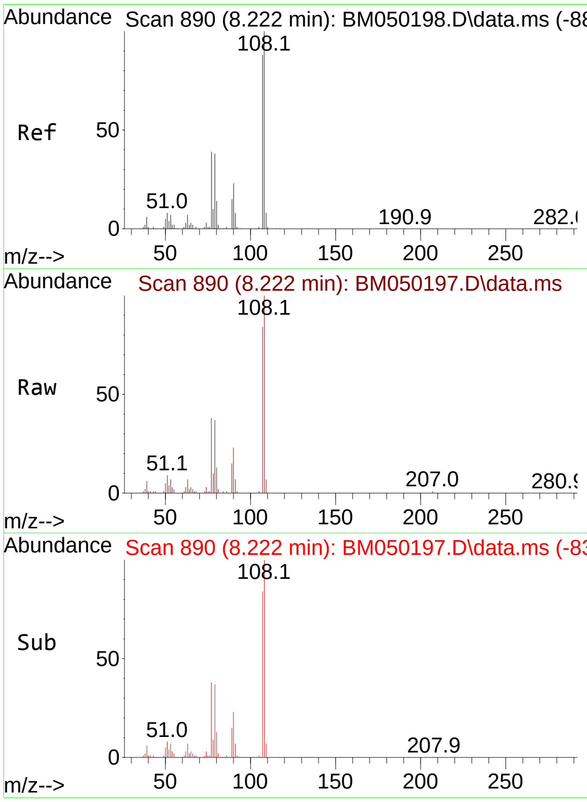


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.873 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 45 Resp: 270693

Ion	Ratio	Lower	Upper
45	100		
77	30.0	8.7	48.7
79	21.9	2.7	42.7

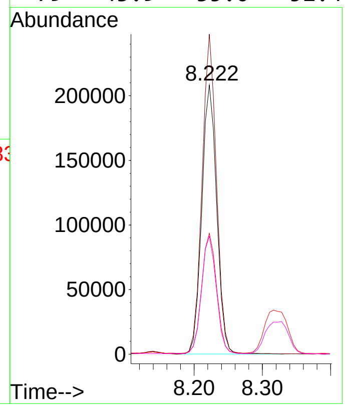




#17
2-Methylphenol
Concen: 20.568 ng
RT: 8.222 min Scan# 89
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:107 Resp: 31499

Ion	Ratio	Lower	Upper
107	100		
108	118.9	90.8	136.2
77	44.9	35.7	53.5
79	43.9	35.0	52.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 06/06/2025
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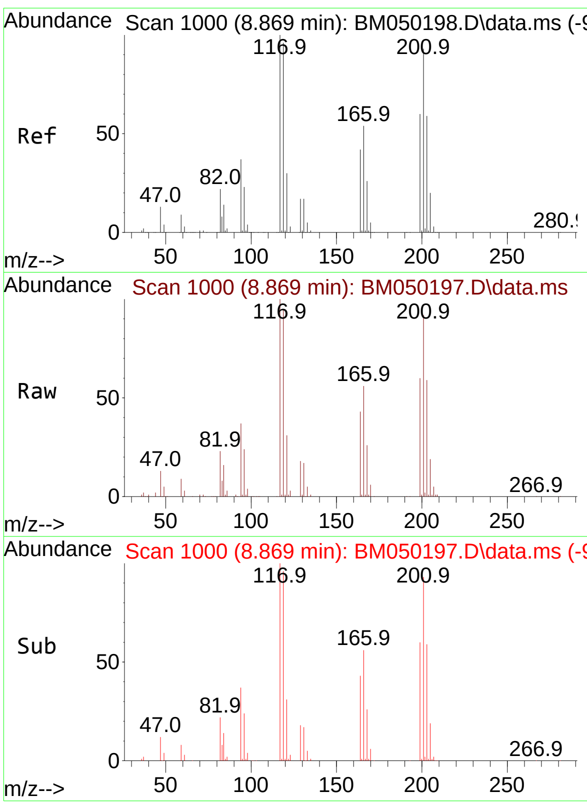
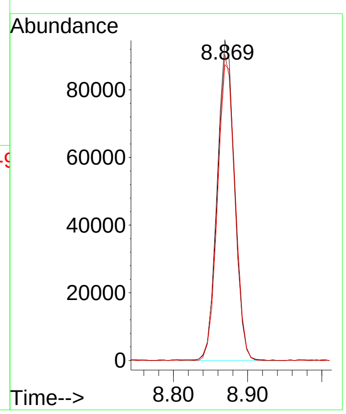
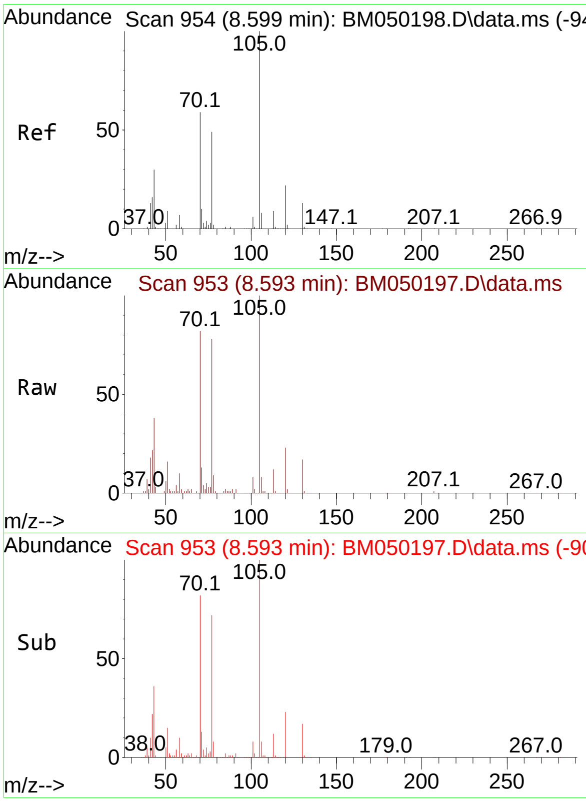


#18
Hexachloroethane
Concen: 19.885 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:117 Resp: 153532

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.6
201	92.4	74.6	111.8





#19
n-Nitroso-di-n-propylamine
Concen: 22.197 ng
RT: 8.593 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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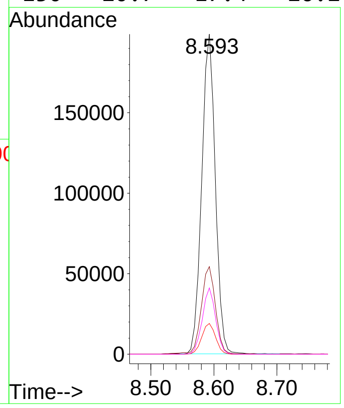
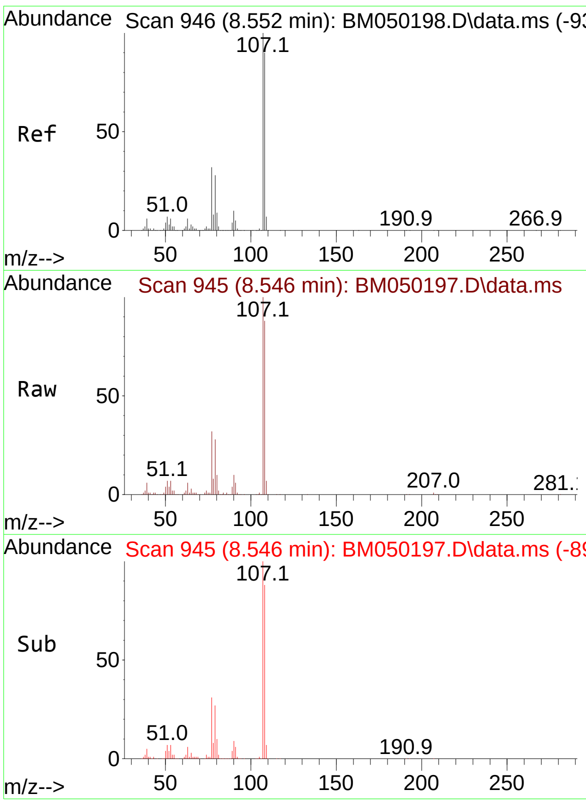
Tgt Ion: 70 Resp: 29797

Ion	Ratio	Lower	Upper
70	100		
42	27.4	22.6	33.8
101	9.6	8.3	12.5
130	20.7	17.4	26.2

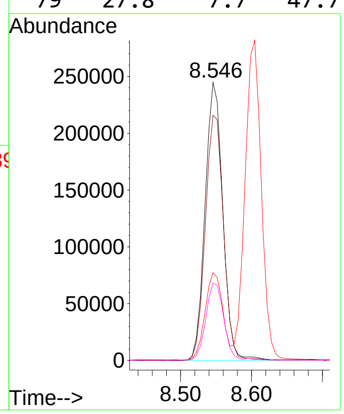




#20
3+4-Methylphenols
Concen: 20.798 ng
RT: 8.546 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:107 Resp: 426134

Ion	Ratio	Lower	Upper
107	100		
108	88.2	70.4	110.4
77	31.6	12.2	52.2
79	27.8	7.7	47.7



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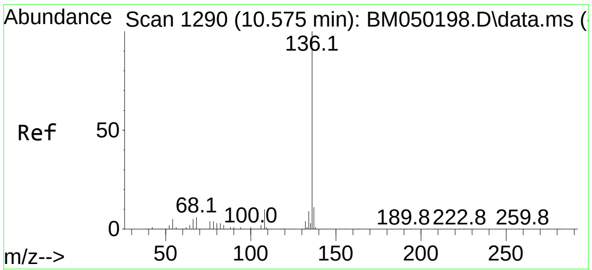
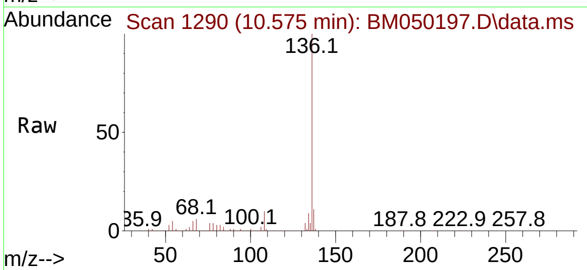
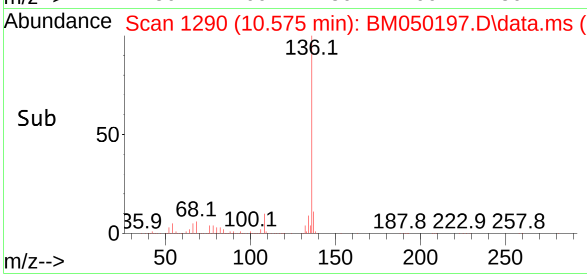


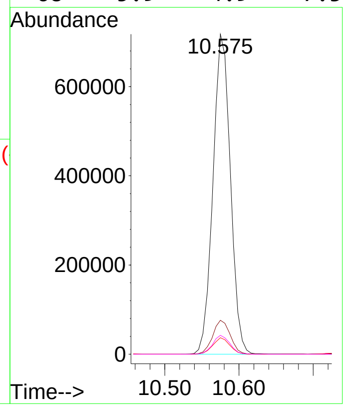




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:136 Resp: 117135

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.1	3.8	5.8
68	5.9	4.9	7.3



Instrument :
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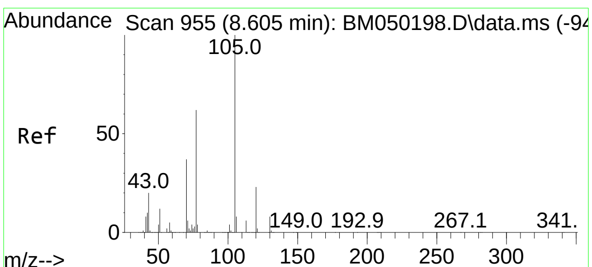
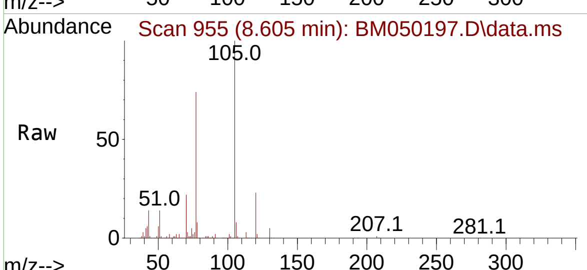
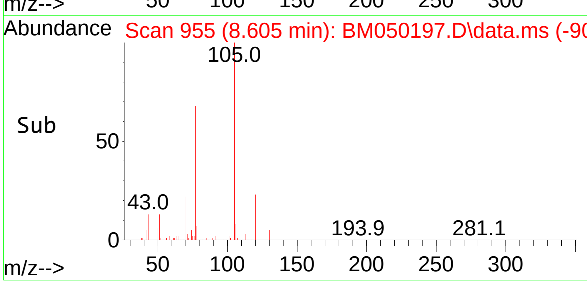


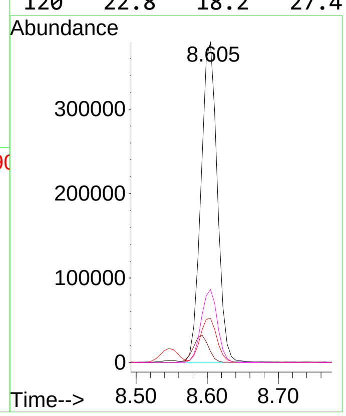




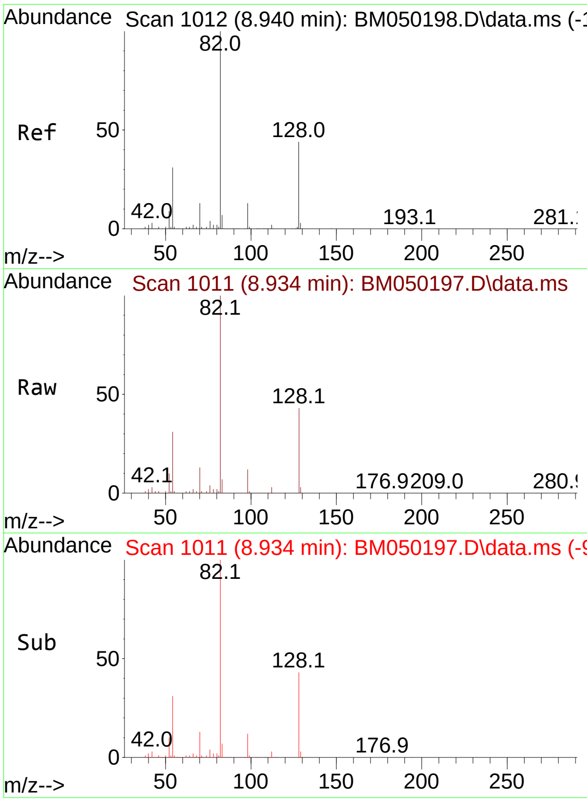
#22
Acetophenone
Concen: 20.706 ng
RT: 8.605 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:105 Resp: 605945

Ion	Ratio	Lower	Upper
105	100		
71	3.5	5.0	7.4#
51	13.7	11.4	17.2
120	22.8	18.2	27.4



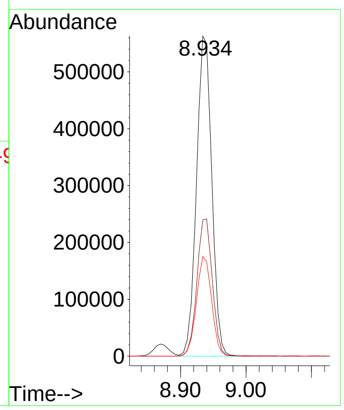
ICAL Form



#23
Nitrobenzene-d5
Concen: 40.730 ng
RT: 8.934 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 82 Resp: 917335

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.2	52.8
54	31.1	24.5	36.7



Instrument :
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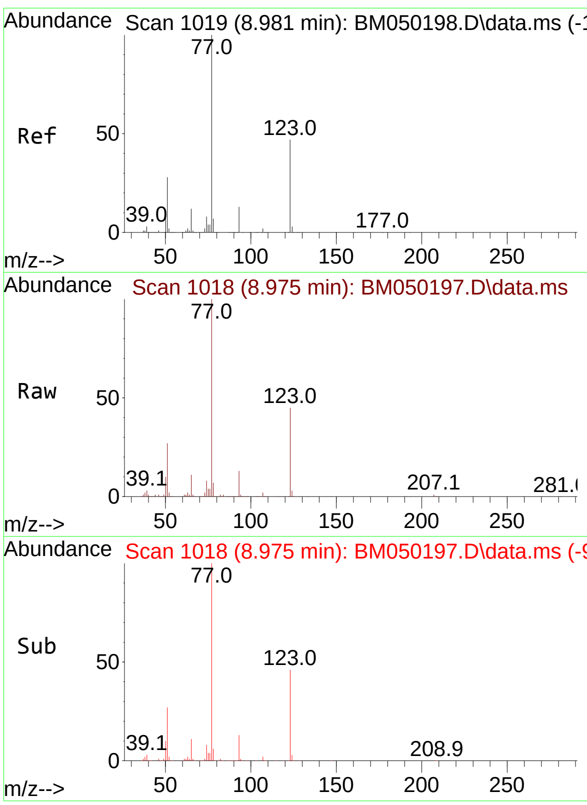
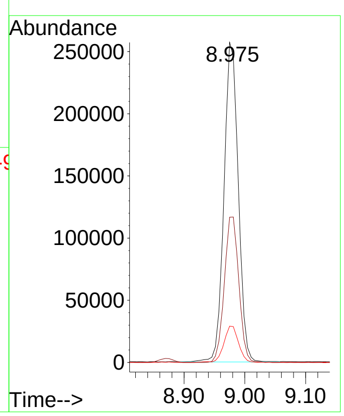


#24
Nitrobenzene
Concen: 20.506 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 77 Resp: 420036

Ion	Ratio	Lower	Upper
77	100		
123	45.4	38.2	57.2
65	11.3	9.5	14.3



ICAL Form

Instrument :
BNA_M
ClientSampleId :
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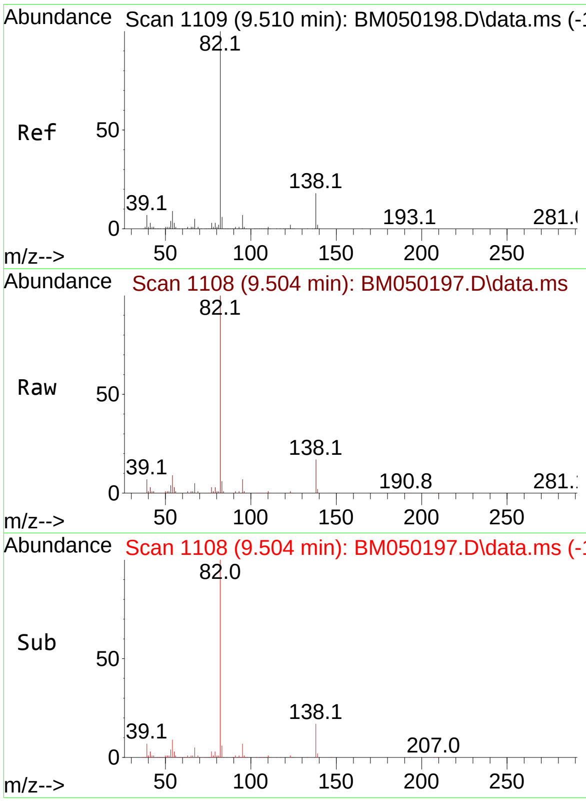
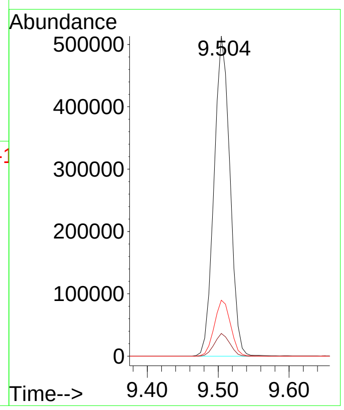
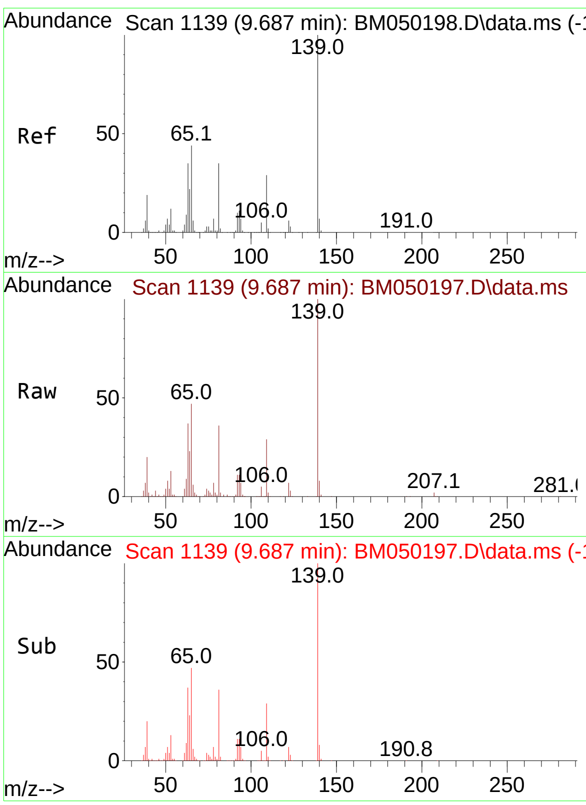


#25
Isophorone
Concen: 20.639 ng
RT: 9.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 82 Resp: 80232(

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	17.5	14.2	21.2

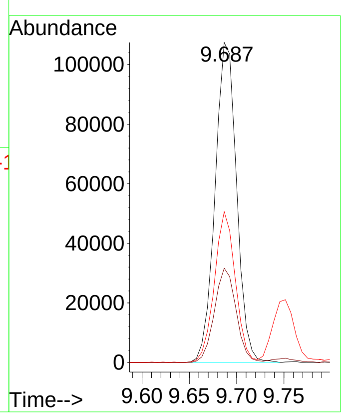




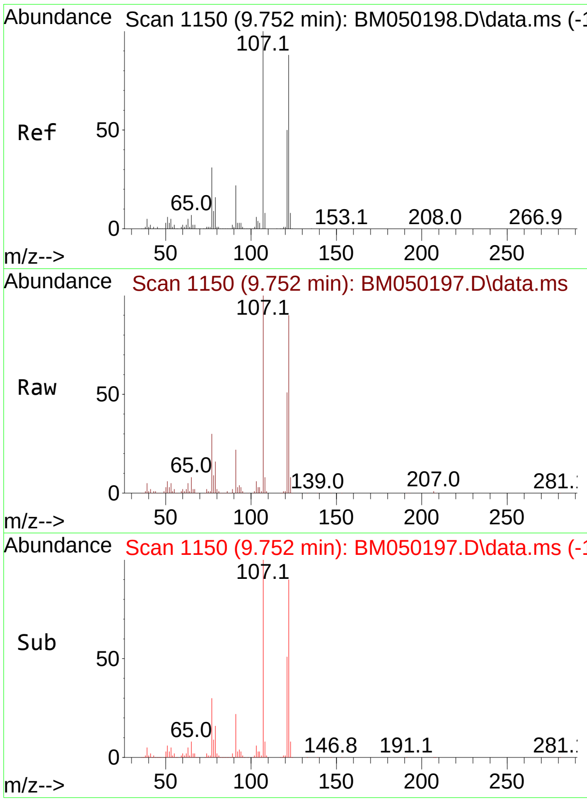
#26
2-Nitrophenol
Concen: 19.294 ng
RT: 9.687 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:139 Resp: 170594

Ion	Ratio	Lower	Upper
139	100		
109	29.4	23.3	34.9
65	47.1	35.2	52.8



ICAL Form



#27
2,4-Dimethylphenol
Concen: 20.275 ng
RT: 9.752 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 36869

Ion	Ratio	Lower	Upper
122	100		
107	110.9	91.0	136.6
121	56.7	45.8	68.6

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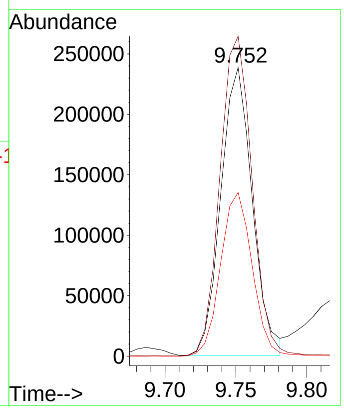
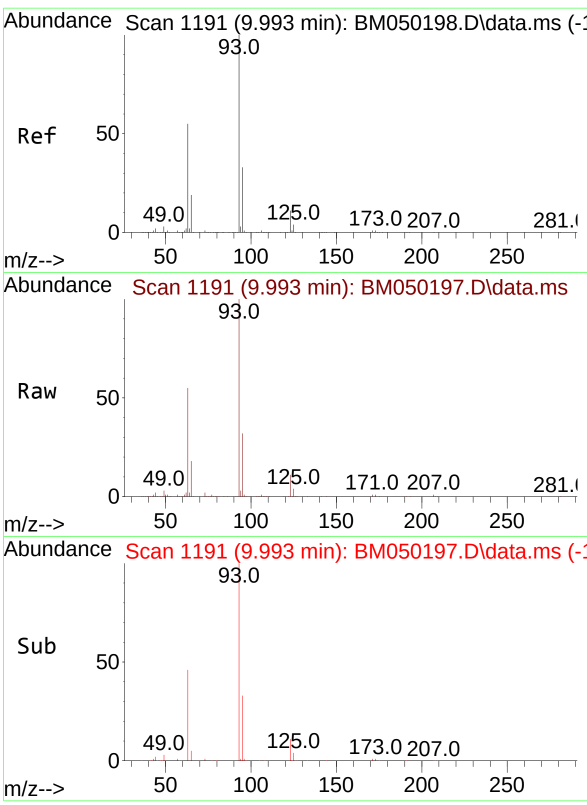
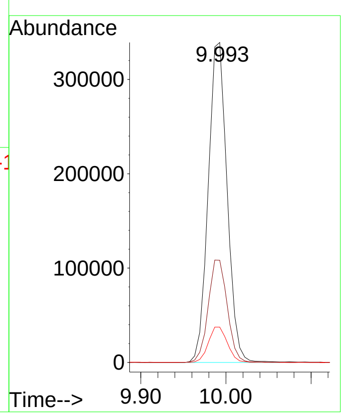


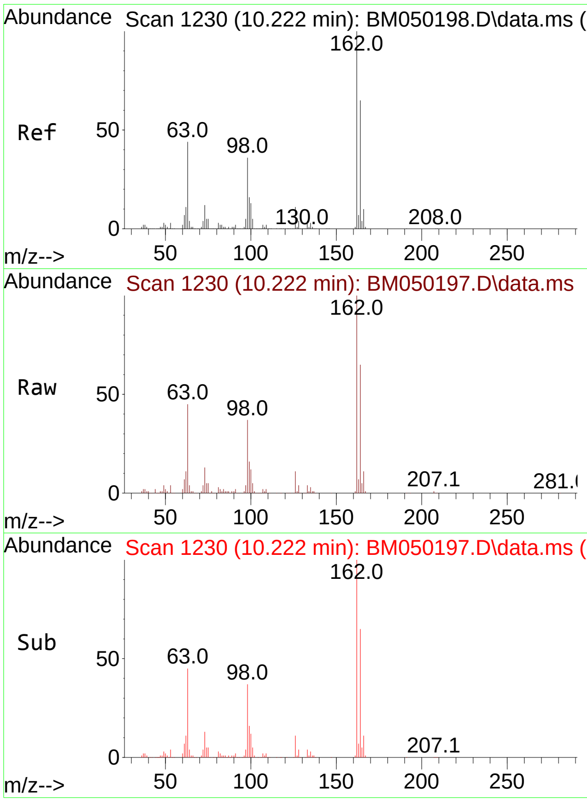


#28
bis(2-Chloroethoxy)methane
Concen: 20.610 ng
RT: 9.993 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 93 Resp: 523393

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.4
123	11.1	8.9	13.3





#29
2,4-Dichlorophenol
Concen: 20.118 ng
RT: 10.222 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:162 Resp: 33822

Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.0	85.0
98	37.0	16.3	56.3

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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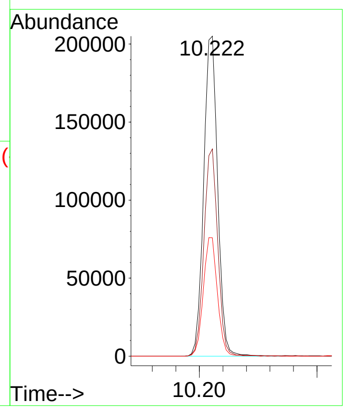
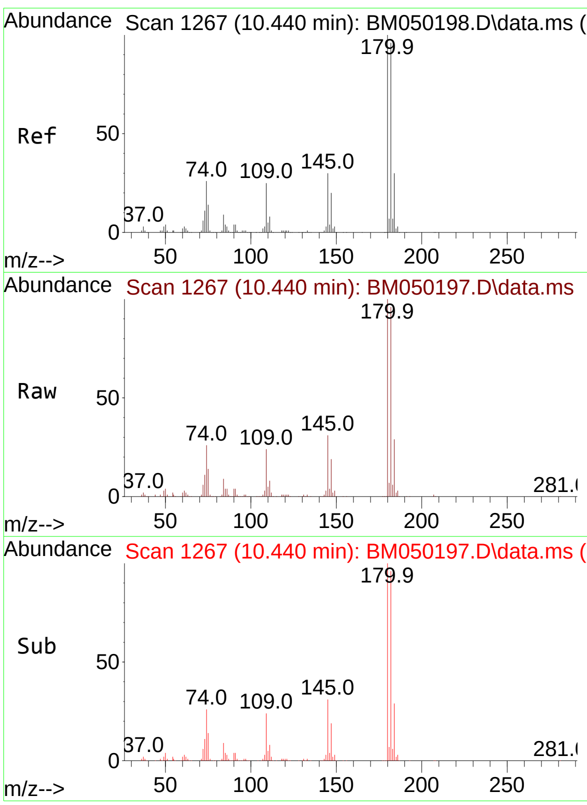
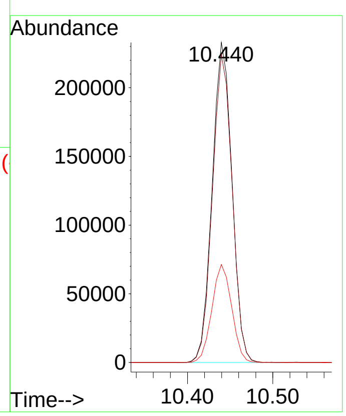


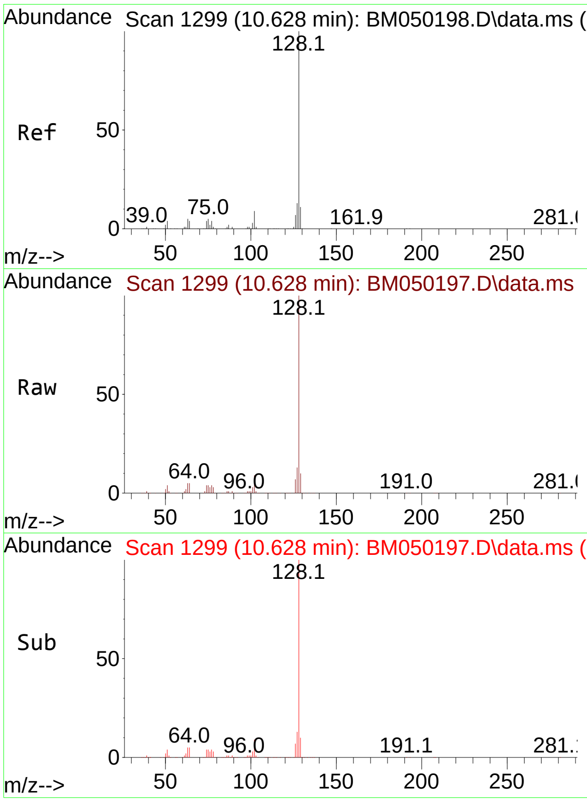


#30
1,2,4-Trichlorobenzene
Concen: 20.074 ng
RT: 10.440 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:180 Resp: 375562

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	114.8
145	30.6	24.2	36.4





#31
Naphthalene
Concen: 20.419 ng
RT: 10.628 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
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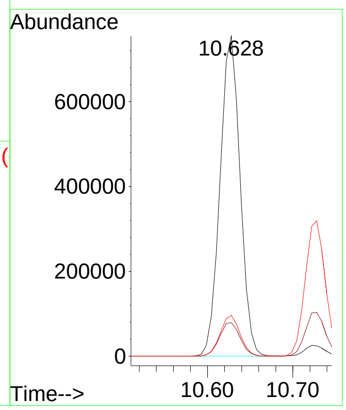
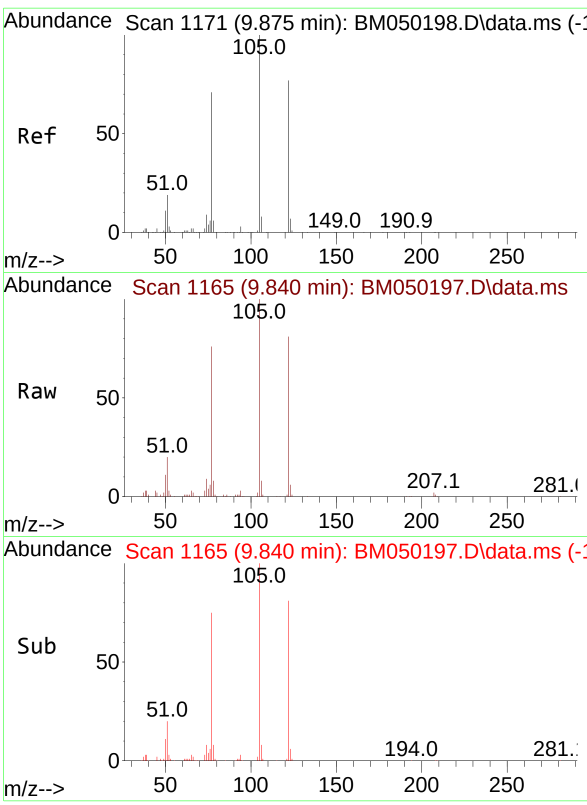
Tgt Ion:128 Resp: 123662

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	12.8	10.2	15.4

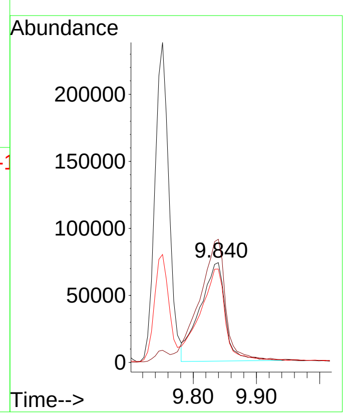


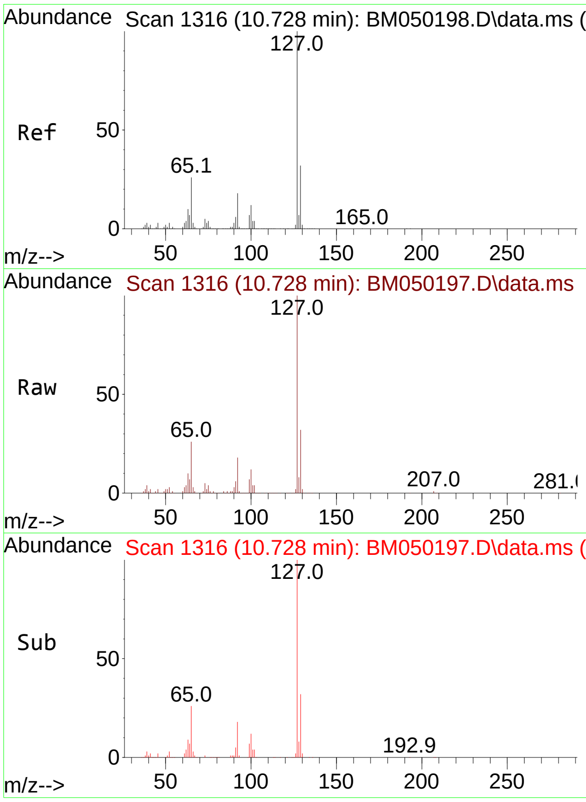


#32
Benzoic acid
Concen: 18.032 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.035 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:122 Resp: 205878

Ion	Ratio	Lower	Upper
122	100		
105	123.3	103.4	143.4
77	93.5	70.3	110.3

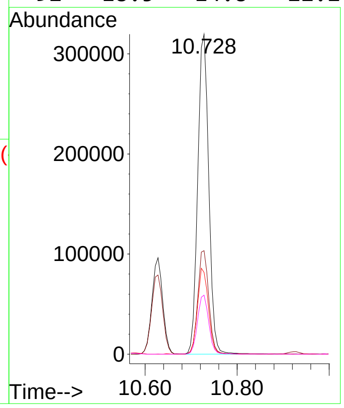




#33
4-Chloroaniline
Concen: 20.585 ng
RT: 10.728 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:127 Resp: 53149

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.0
65	25.6	21.0	31.4
92	18.5	14.8	22.2



Instrument :
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ClientSampleId :
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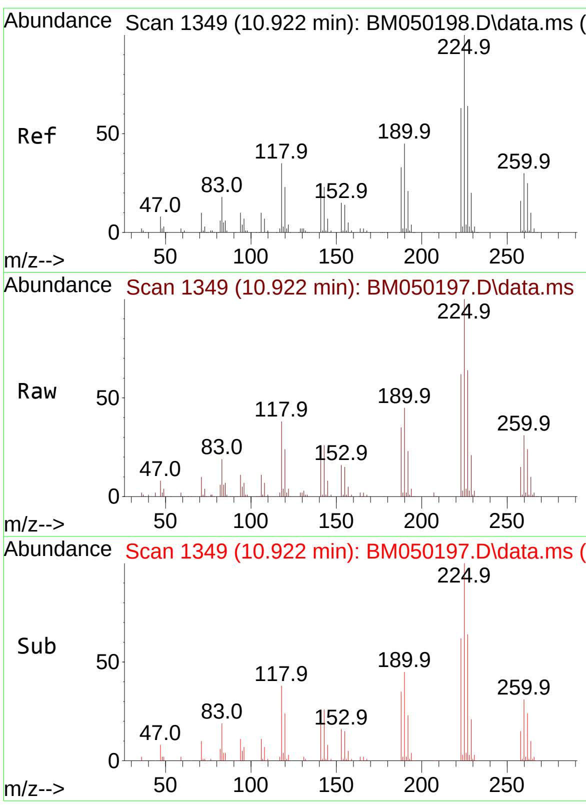
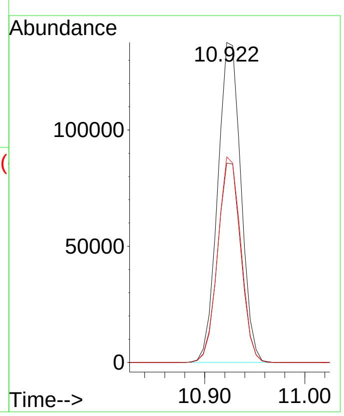


#34
Hexachlorobutadiene
Concen: 19.910 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:225 Resp: 221558

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	64.3	51.0	76.4



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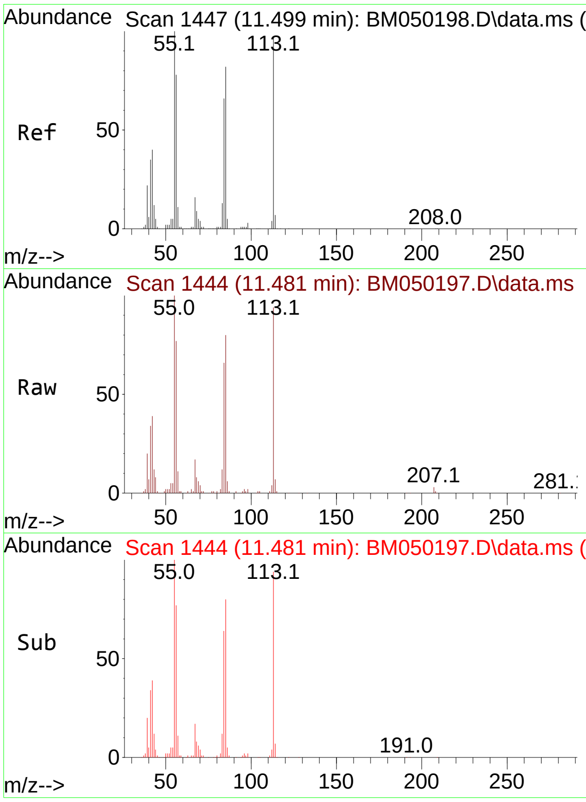

#35
Caprolactam
Concen: 20.483 ng
RT: 11.481 min Scan# 14
Delta R.T. -0.018 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:113 Resp: 10917

Ion	Ratio	Lower	Upper
113	100		
55	106.2	83.5	123.5
56	82.3	60.6	100.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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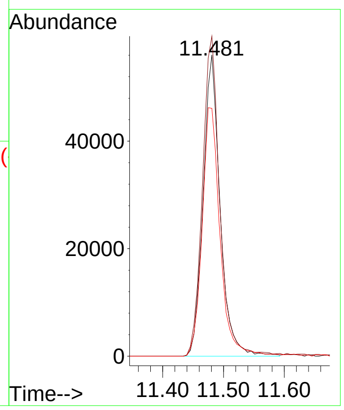
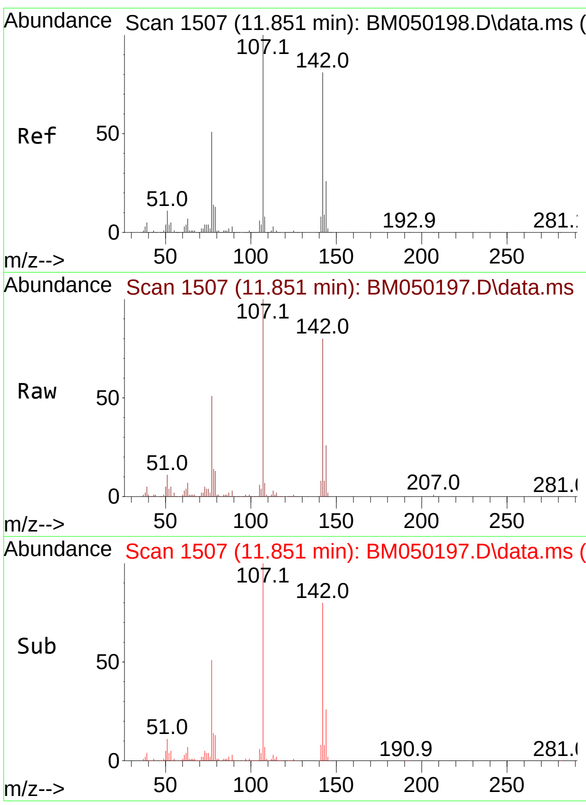
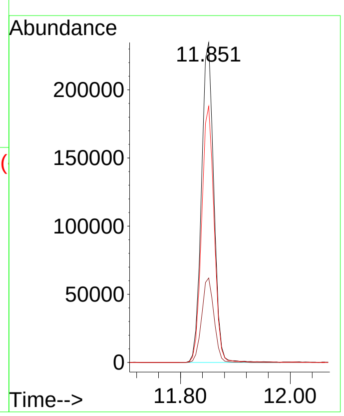




#36
4-Chloro-3-methylphenol
Concen: 20.433 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:107 Resp: 366554

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.0	31.6
142	80.0	64.8	97.2



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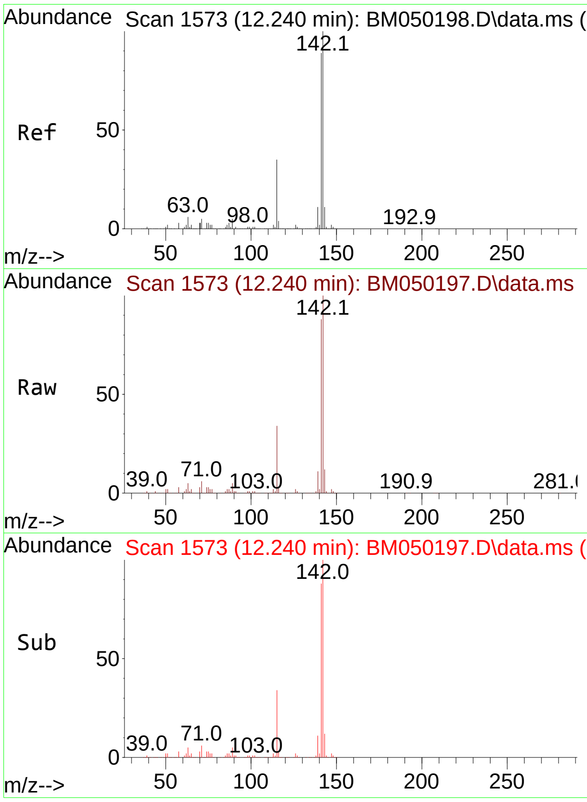

#37
2-Methylnaphthalene
Concen: 20.607 ng
RT: 12.240 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 75288

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.5	107.3
115	34.3	27.8	41.8

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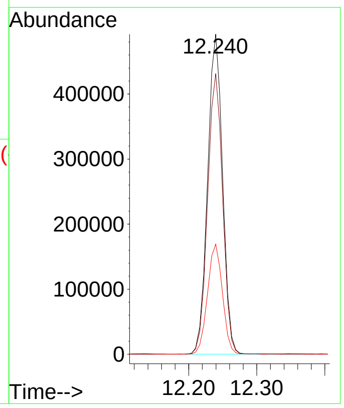
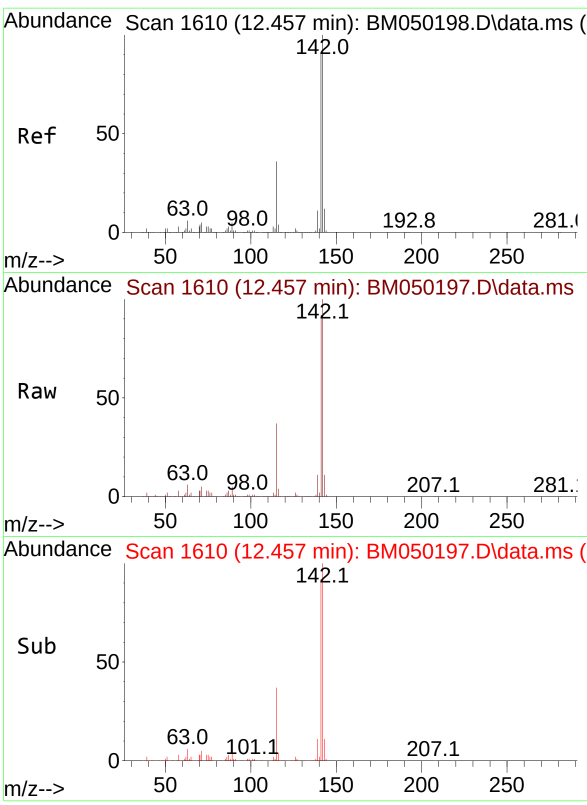
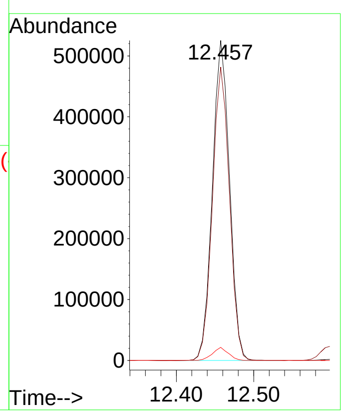




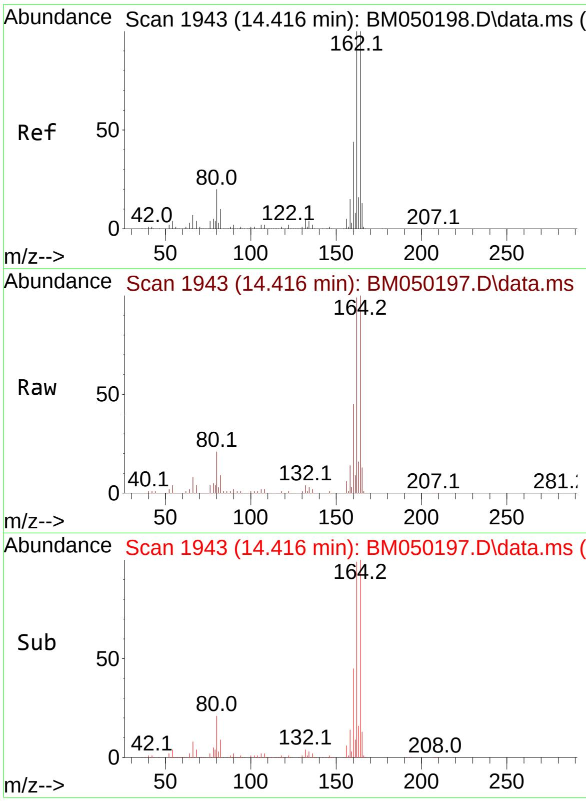
#38
1-Methylnaphthalene
Concen: 20.803 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:142 Resp: 806687

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.9	109.3
116	4.1	3.0	4.6



ICAL Form



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min   Scan# 19
Delta R.T.   -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025   11:17

Tgt Ion:164 Resp: 72069

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.4
160	44.8	35.7	53.5

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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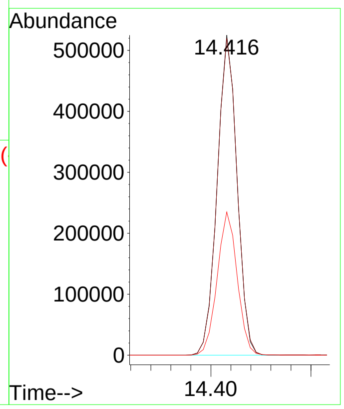
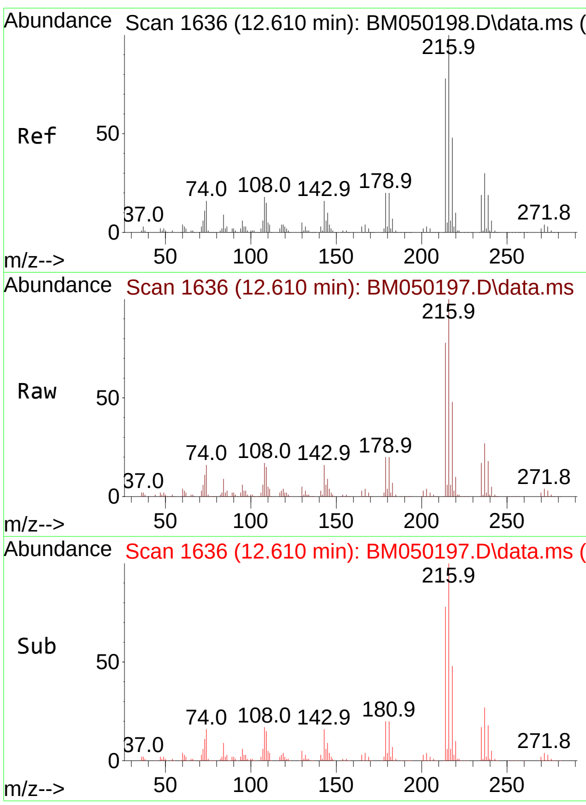
Supervised By :Jagrut Upadhyay   06/06/2025

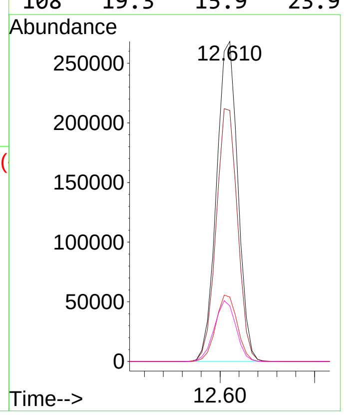




#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.257 ng
RT: 12.610 min   Scan# 1636
Delta R.T.   -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025   11:17

Tgt Ion:216 Resp: 421559

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	20.9	16.6	25.0
108	19.3	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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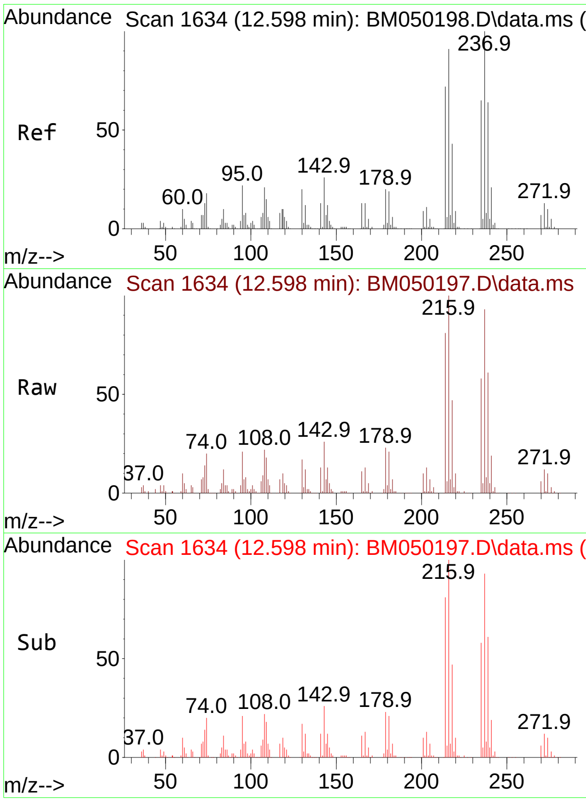
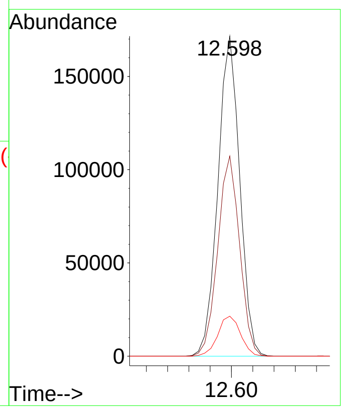
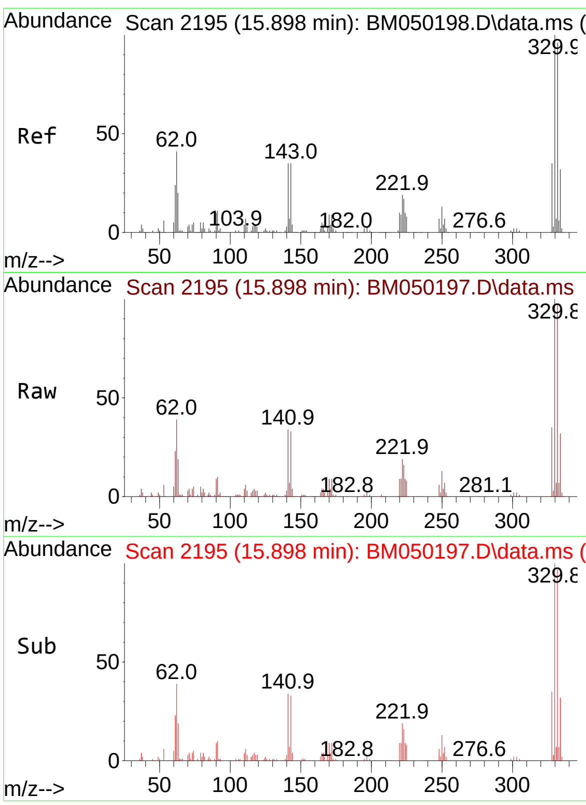


#41
Hexachlorocyclopentadiene
Concen: 19.326 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:237 Resp: 24425

Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.6	84.6
272	12.5	0.0	33.1

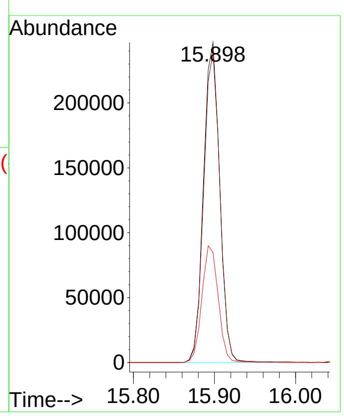


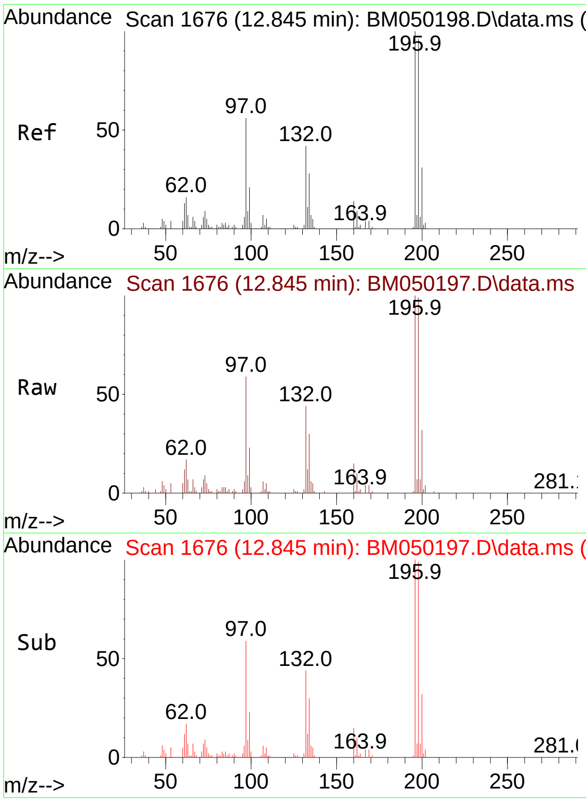


#42
2,4,6-Tribromophenol
Concen: 41.770 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:330 Resp: 342402

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.5	116.3
141	36.8	28.8	43.2





#43
2,4,6-Trichlorophenol
Concen: 19.971 ng
RT: 12.845 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
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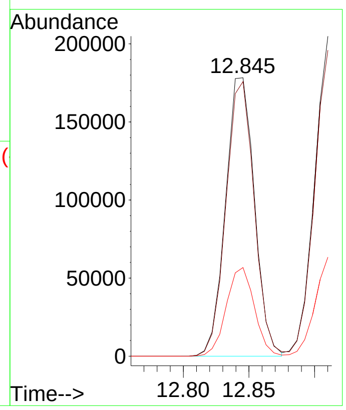
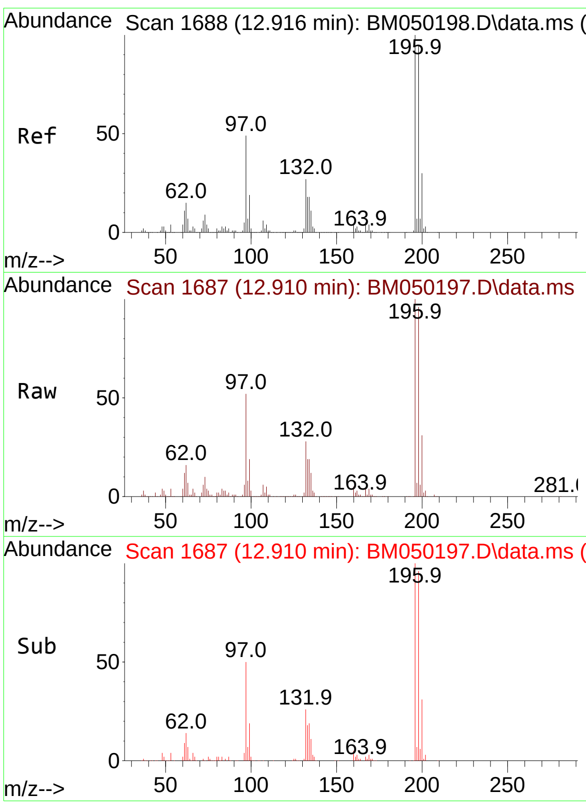
Tgt Ion:196 Resp: 27330

Ion	Ratio	Lower	Upper
196	100		
198	98.7	76.6	115.0
200	31.9	24.5	36.7

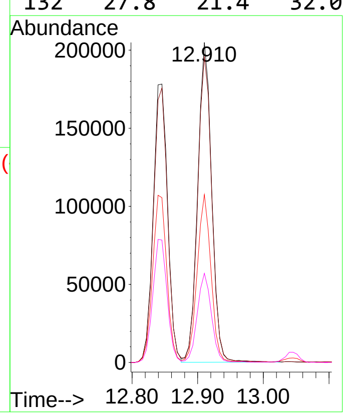




#44
2,4,5-Trichlorophenol
Concen: 20.334 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:196 Resp: 305541

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.1	114.1
97	52.4	39.3	58.9
132	27.8	21.4	32.0



Instrument :
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ClientSampleId :
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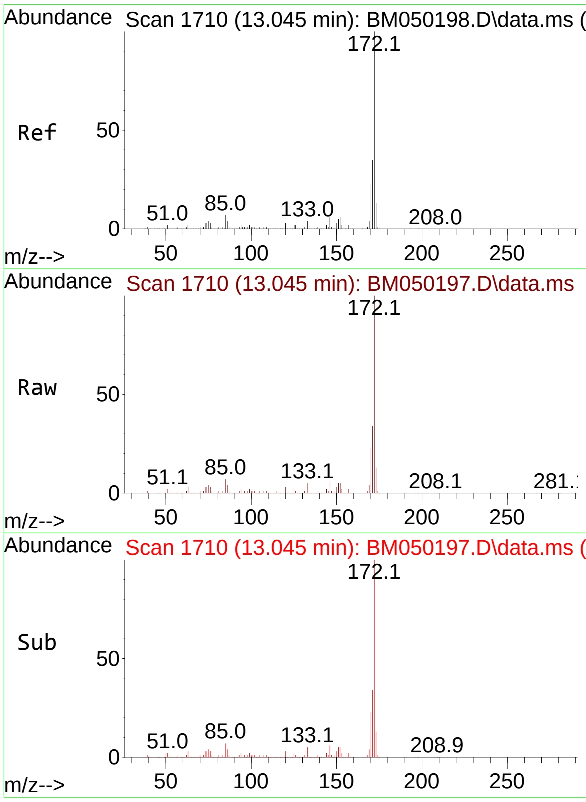
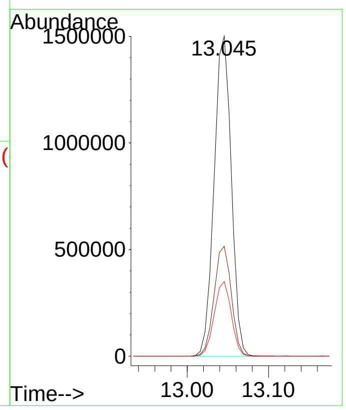
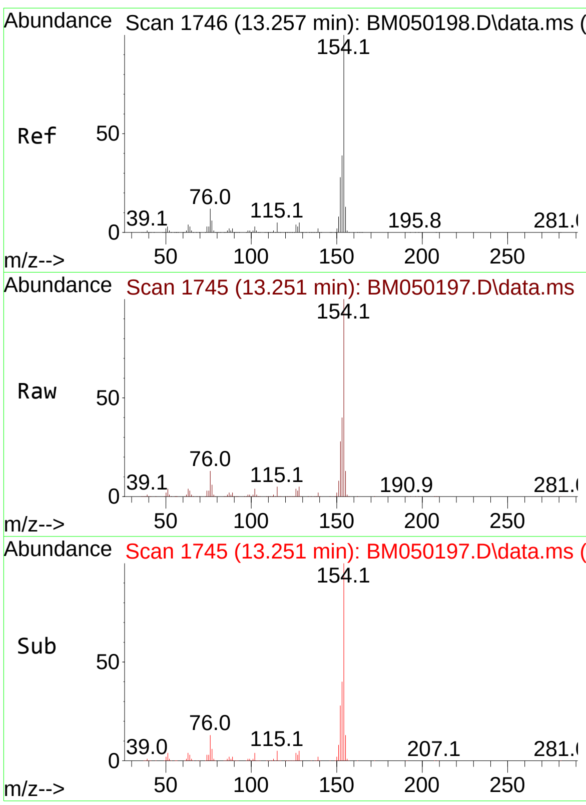


#45
2-Fluorobiphenyl
Concen: 41.494 ng
RT: 13.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:172 Resp: 220883

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	23.3	18.6	27.8

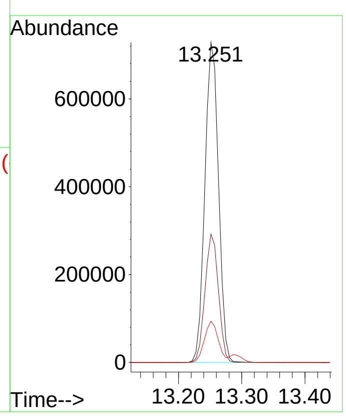




#46
1,1'-Biphenyl
Concen: 20.221 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:154 Resp: 1091201

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.2	59.2
76	12.9	0.0	32.0



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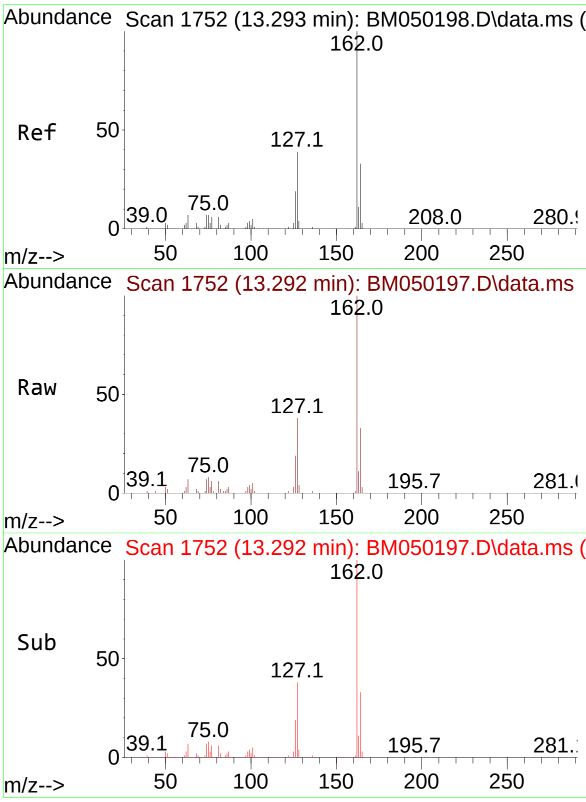

#47
2-Chloronaphthalene
Concen: 20.269 ng
RT: 13.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 85034

Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.1	46.7
164	33.0	26.5	39.7

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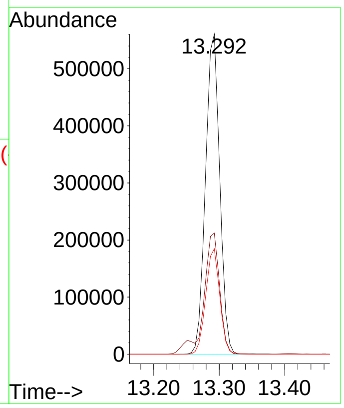
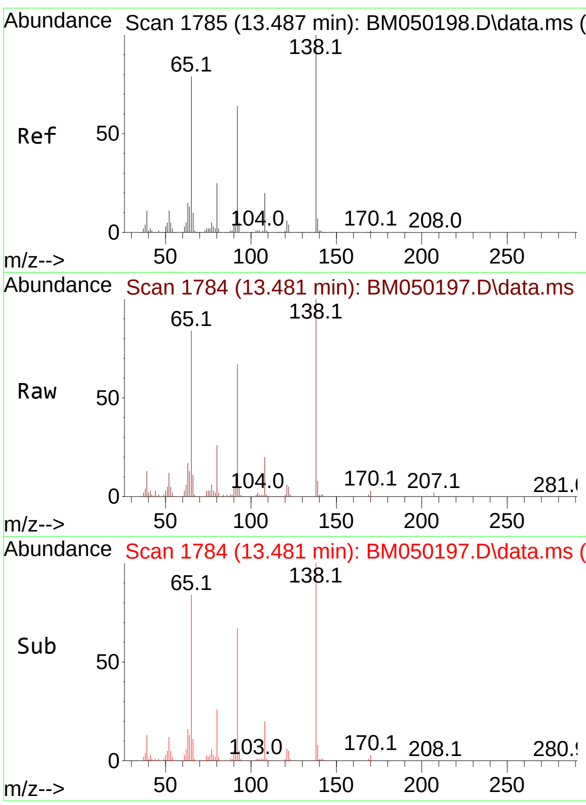
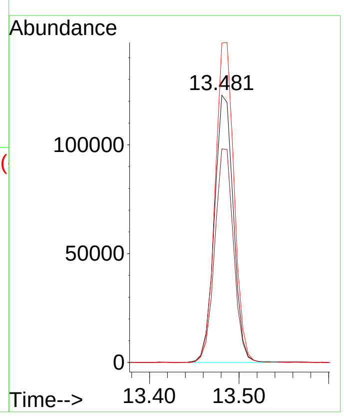




#48
2-Nitroaniline
Concen: 19.634 ng
RT: 13.481 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 65 Resp: 181276

Ion	Ratio	Lower	Upper
65	100		
92	79.9	64.2	96.4
138	119.4	101.0	151.4



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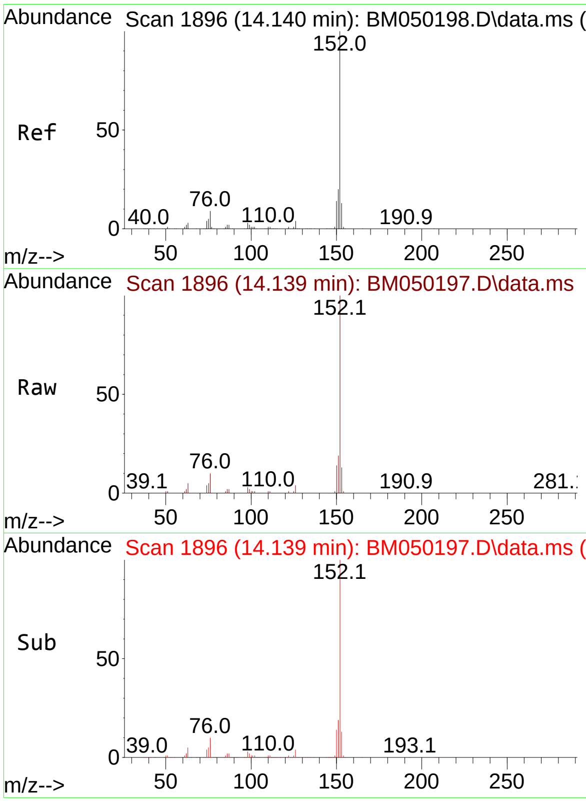

#49
Acenaphthylene
Concen: 20.607 ng
RT: 14.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:152 Resp: 139835

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	12.7	10.4	15.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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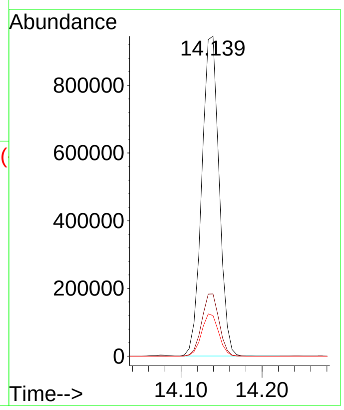
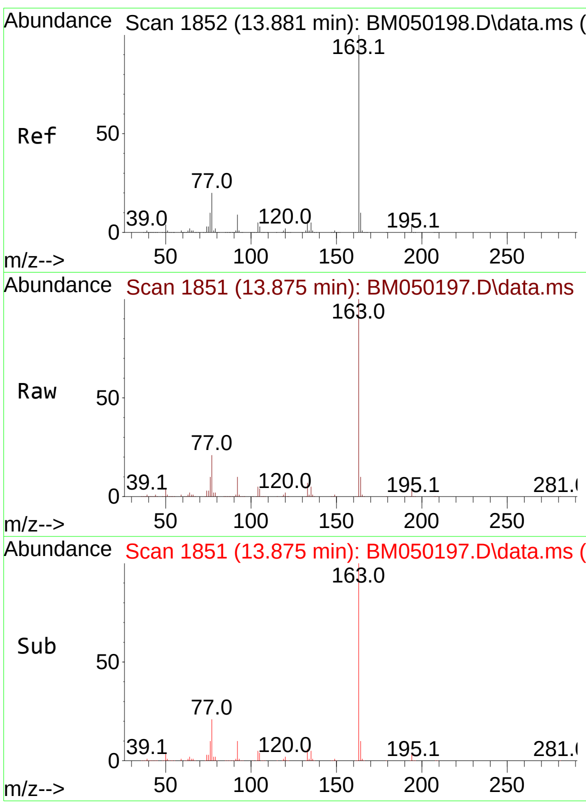
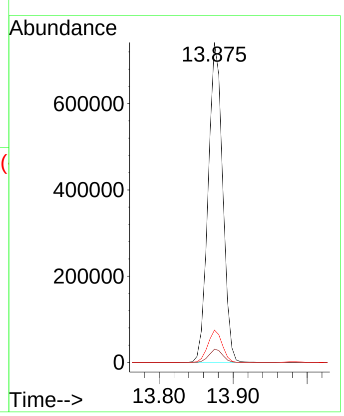


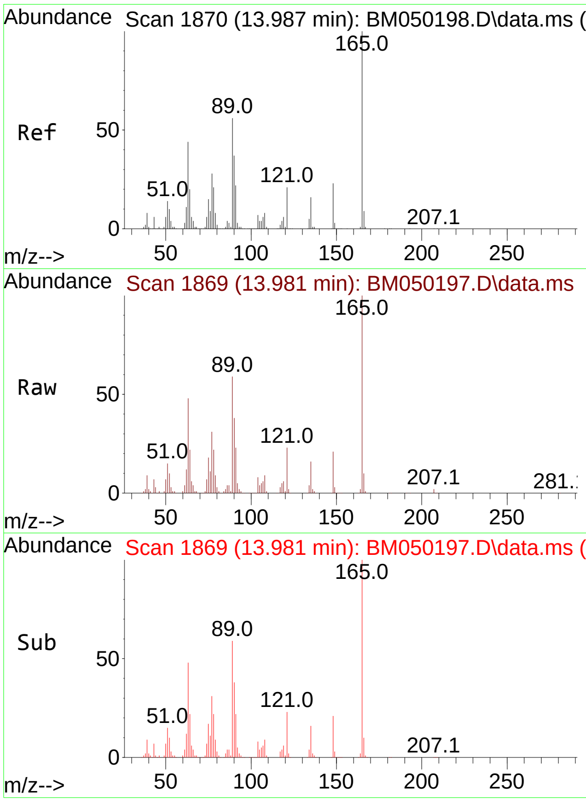


#50
Dimethylphthalate
Concen: 20.677 ng
RT: 13.875 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:163 Resp: 1007787

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 20.834 ng
RT: 13.981 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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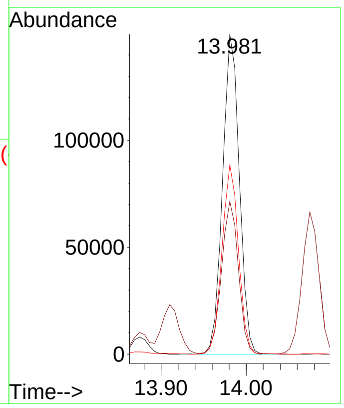
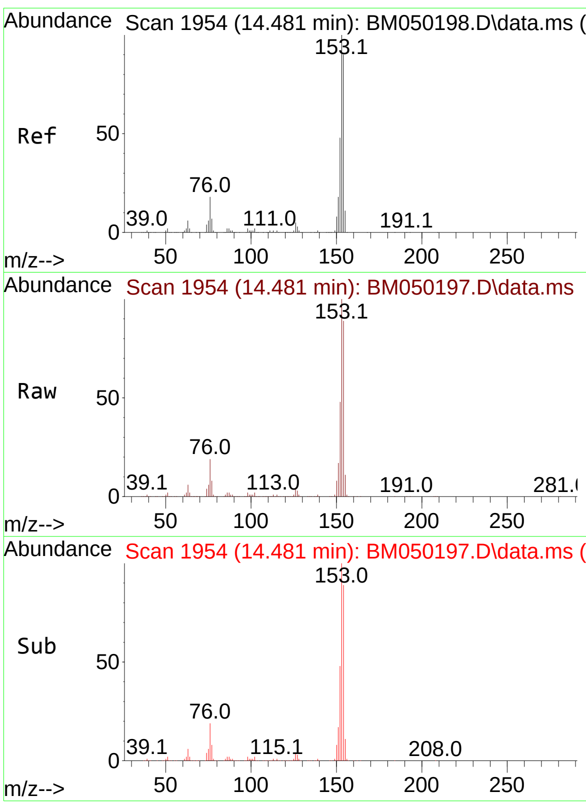
Supervised By :Jagrut Upadhyay 06/06/2025

Tgt Ion:165 Resp: 20477

Ion	Ratio	Lower	Upper
165	100		
63	47.7	35.8	53.6
89	59.1	44.8	67.2

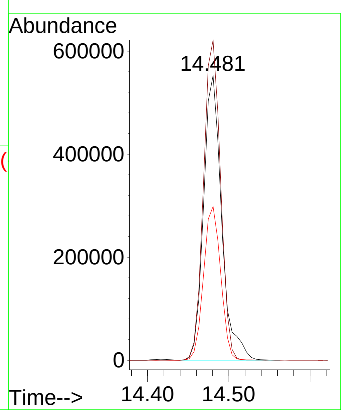


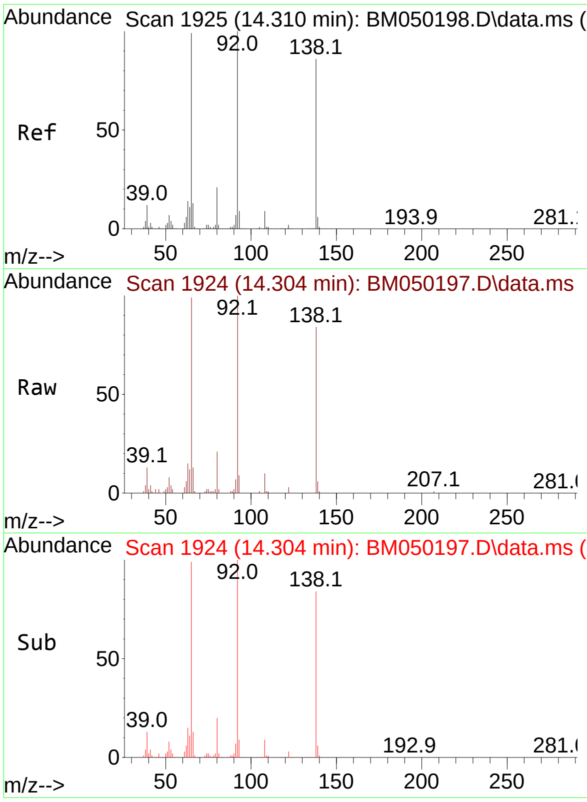


#52
Acenaphthene
Concen: 20.128 ng
RT: 14.481 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:154 Resp: 854295

Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.7	133.1
152	54.0	42.6	63.8





#53
3-Nitroaniline
Concen: 20.528 ng
RT: 14.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:138 Resp: 22488

Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.8	13.2
92	119.3	92.9	139.3

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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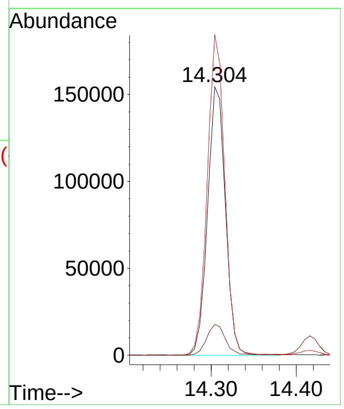
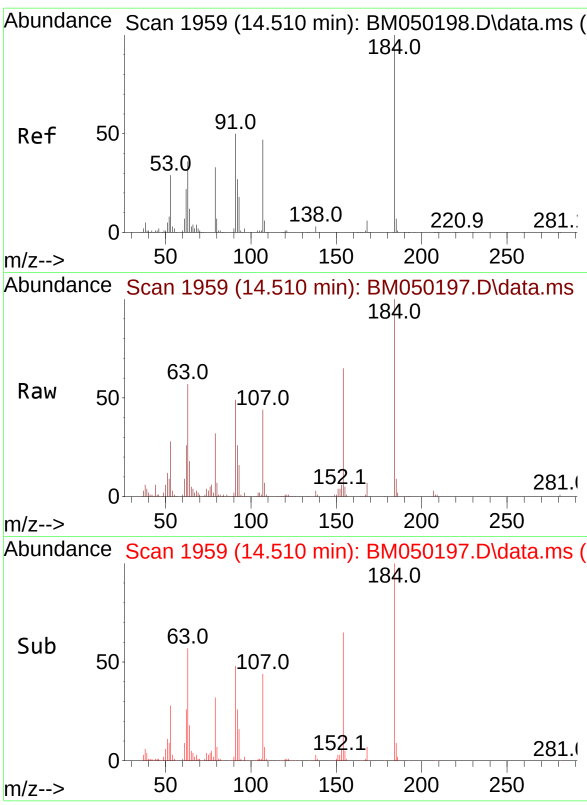
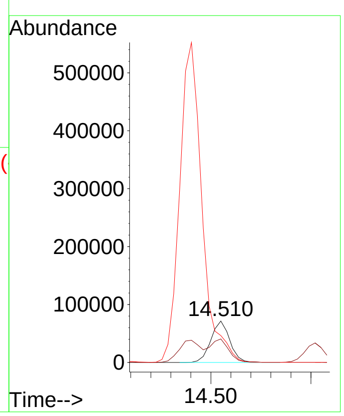




#54
2,4-Dinitrophenol
Concen: 19.130 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:184 Resp: 94248

Ion	Ratio	Lower	Upper
184	100		
63	56.8	45.3	67.9
154	64.7	54.3	81.5



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Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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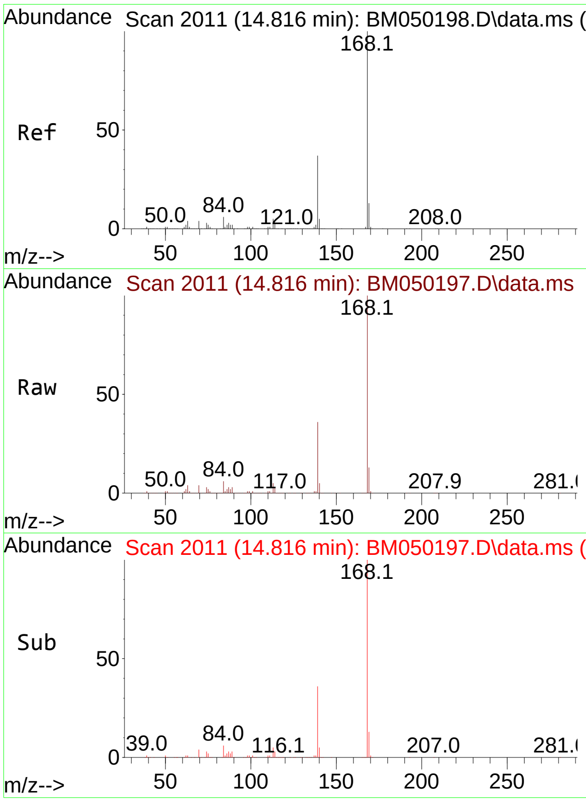
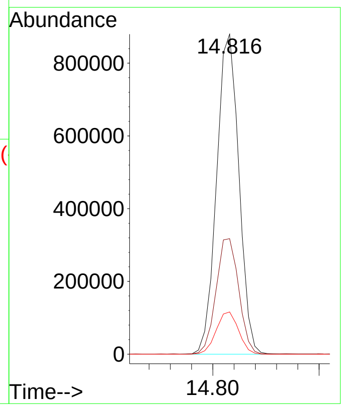
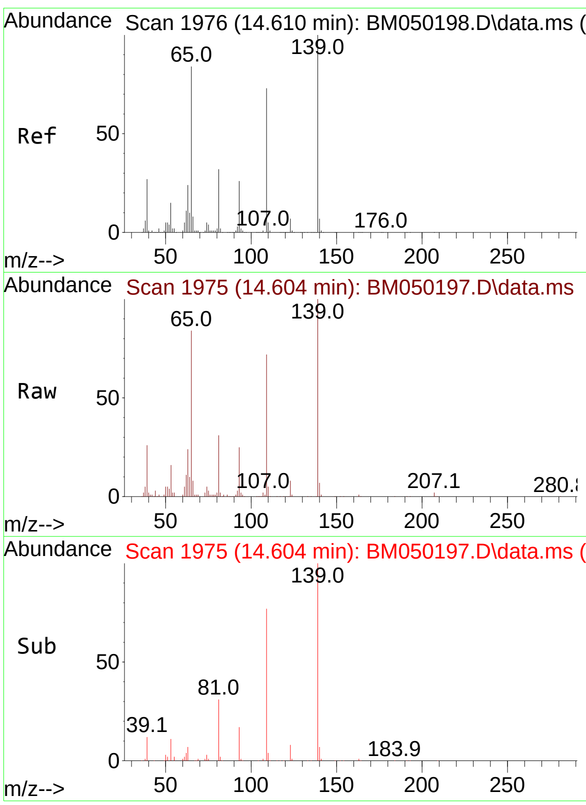
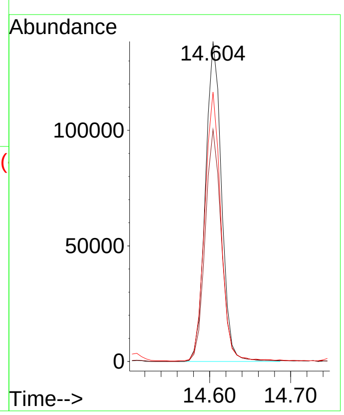


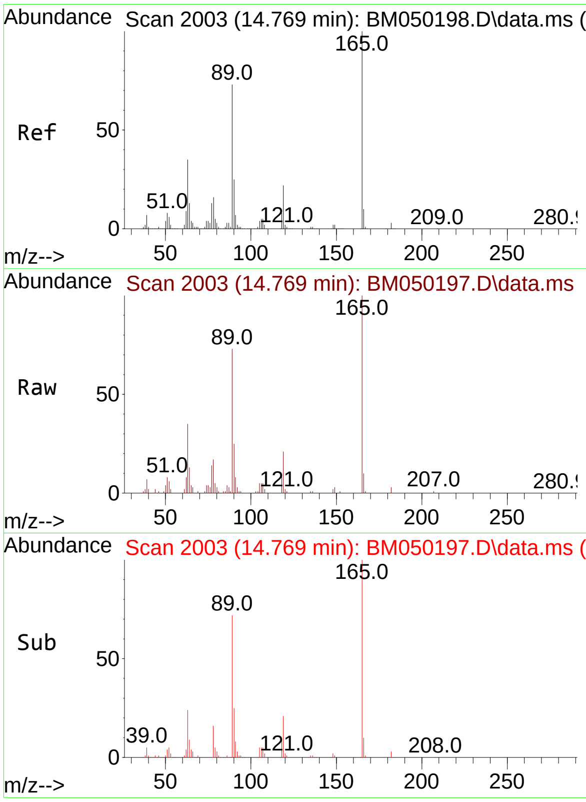

```
#55
Dibenzofuran
Concen:   20.605 ng
RT:  14.816 min  Scan# 2
Delta R.T.   -0.000 min
Lab File:    BM050197.D
Acq: 05 Jun 2025   11:17

Tgt Ion:168 Resp: 127945
Ion  Ratio  Lower  Upper
168  100
139   36.1   29.9   44.9
169   13.2   10.6   16.0
```






```
#56
4-Nitrophenol
Concen:   20.518 ng
RT:  14.604 min  Scan# 1975
Delta R.T.   -0.006 min
Lab File:    BM050197.D
Acq: 05 Jun 2025   11:17

Tgt Ion:139 Resp:  191313
Ion  Ratio  Lower  Upper
139  100
109   72.5   52.6   92.6
 65   84.2   64.3  104.3
```

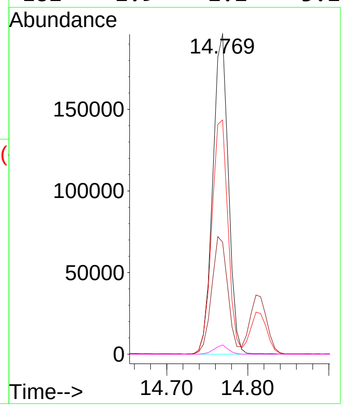




#57
2,4-Dinitrotoluene
Concen: 20.293 ng
RT: 14.769 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:165 Resp: 26311

Ion	Ratio	Lower	Upper
165	100		
63	35.0	28.4	42.6
89	73.2	58.0	87.0
182	2.9	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
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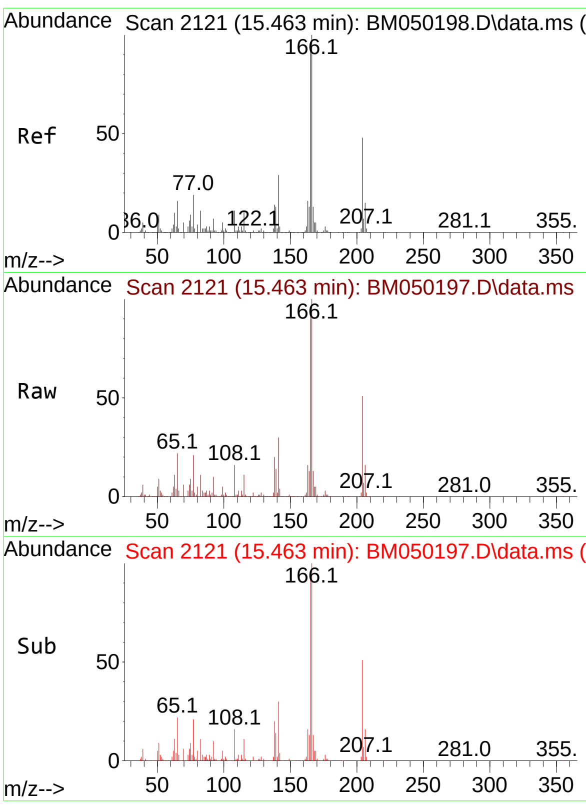
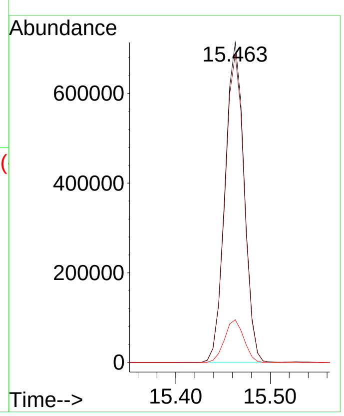
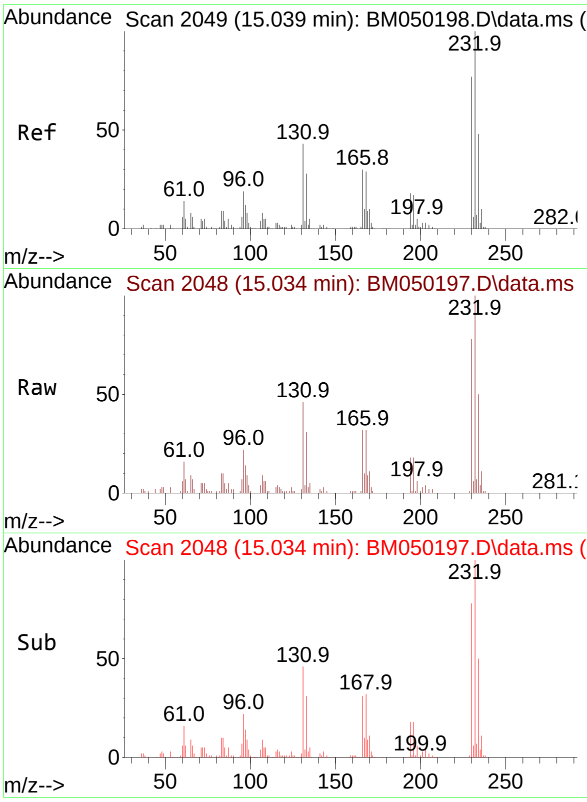


#58
Fluorene
Concen: 21.126 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:166 Resp: 1004752

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.0	115.4
167	13.3	10.7	16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.493 ng
RT: 15.034 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025   11:17

Tgt Ion:232 Resp: 26642

Ion	Ratio	Lower	Upper
232	100		
131	45.6	32.9	49.3
130	2.3	1.8	2.8
166	30.7	20.8	31.2

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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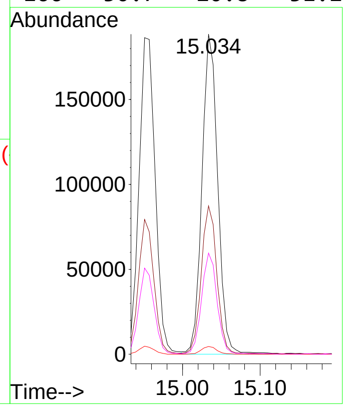
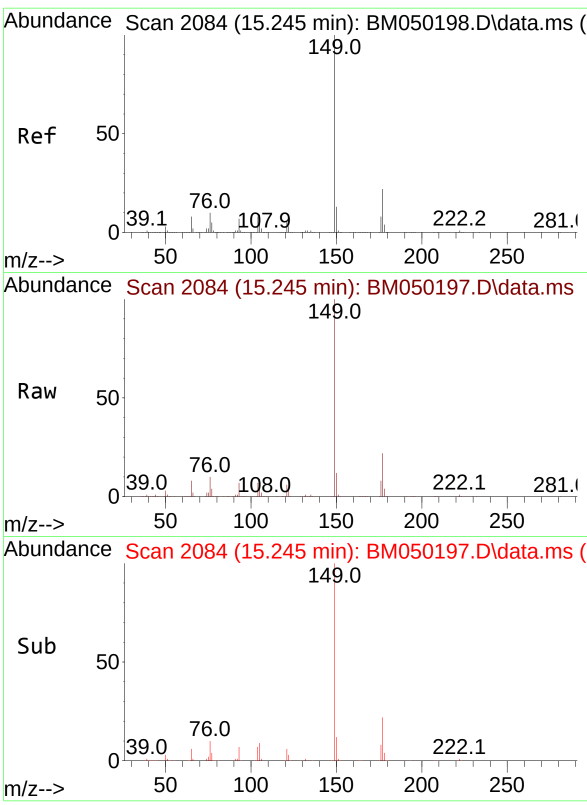
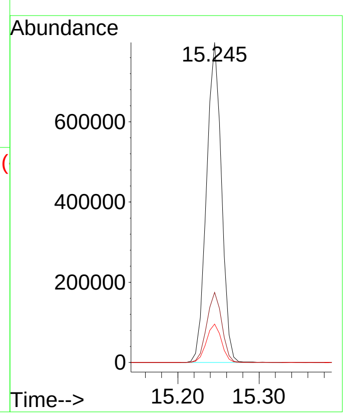




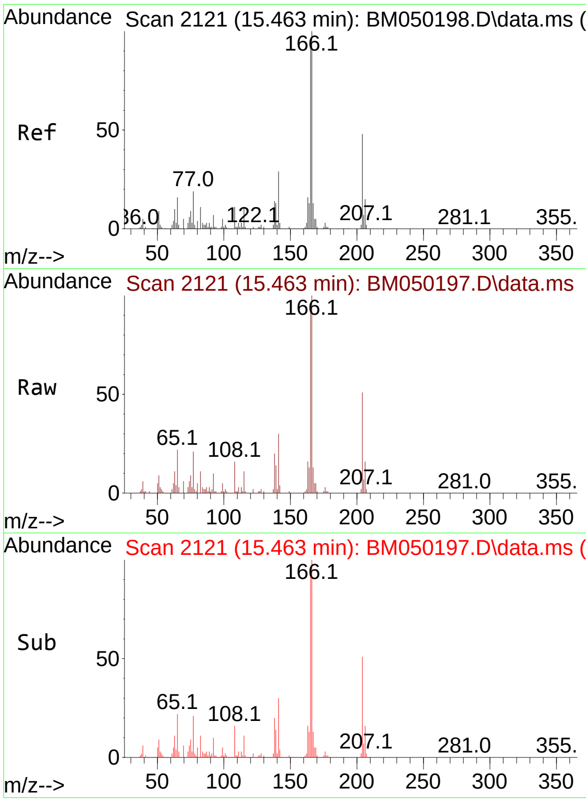
#60
Diethylphthalate
Concen: 21.107 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025   11:17

Tgt Ion:149 Resp: 1020737

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.2	25.8
150	12.0	10.0	15.0



ICAL Form



#61
4-Chlorophenyl-phenylether
Concen: 20.921 ng
RT: 15.463 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 48088

Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.4	38.0
141	58.6	47.9	71.9

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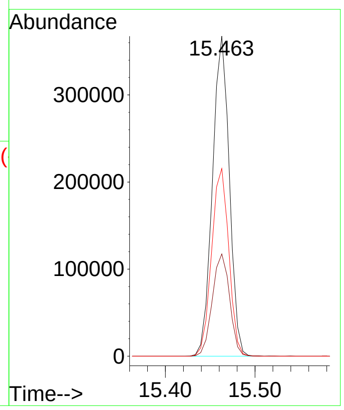
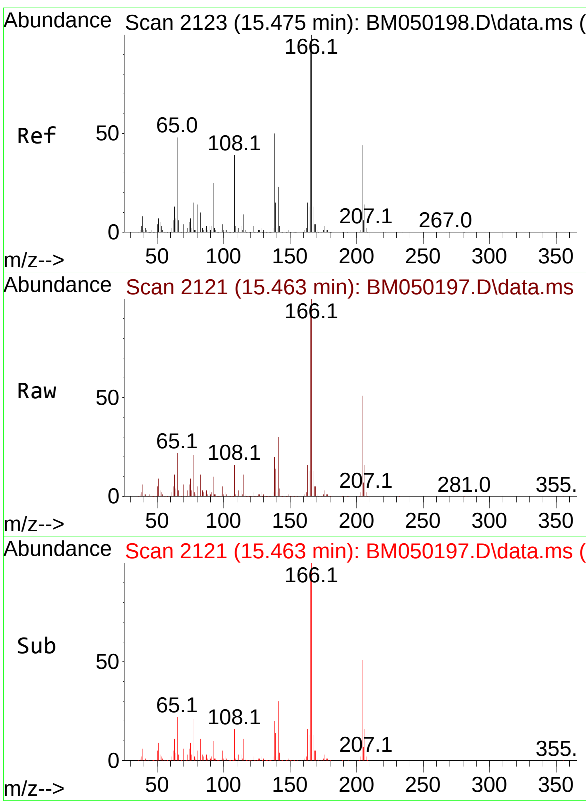
Supervised By :Jagrut Upadhyay 06/06/2025

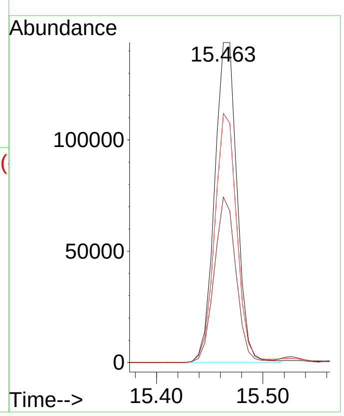




#62
4-Nitroaniline
Concen: 20.456 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:138 Resp: 210030

Ion	Ratio	Lower	Upper
138	100		
92	51.7	28.8	68.8
108	77.8	58.1	98.1



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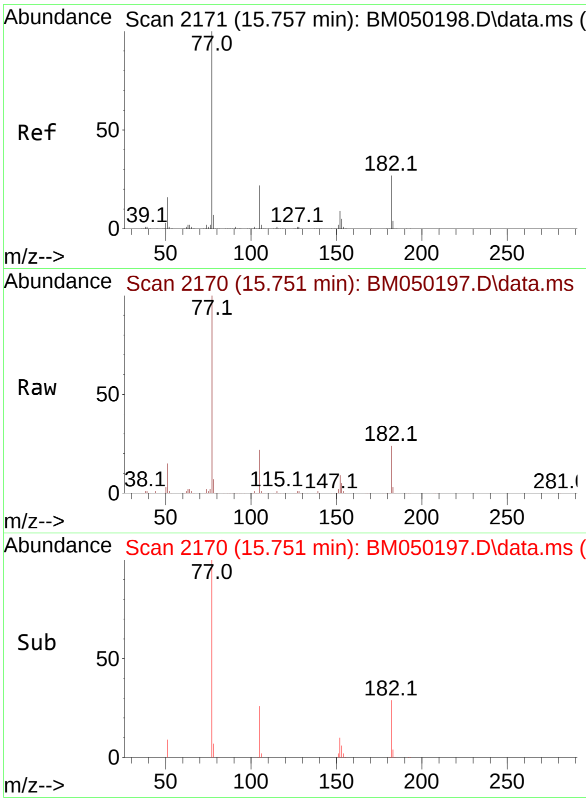
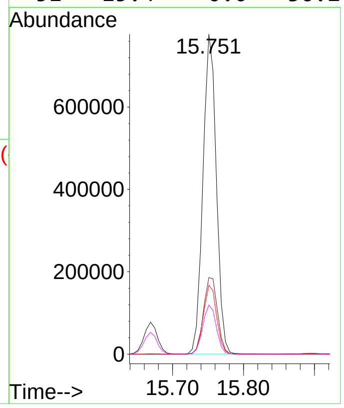


#63
Azobenzene
Concen: 21.101 ng
RT: 15.751 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 77 Resp: 101994

Ion	Ratio	Lower	Upper
77	100		
182	24.0	6.8	46.8
105	21.6	1.7	41.7
51	15.4	0.0	36.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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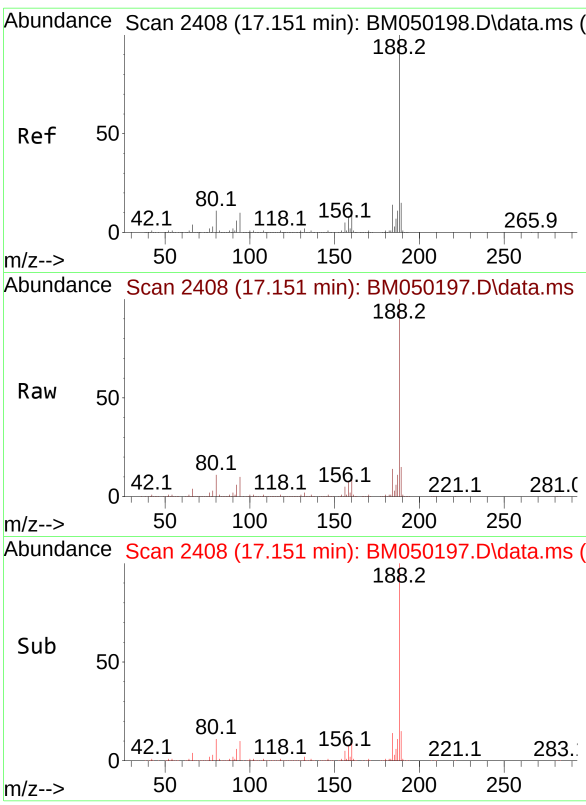
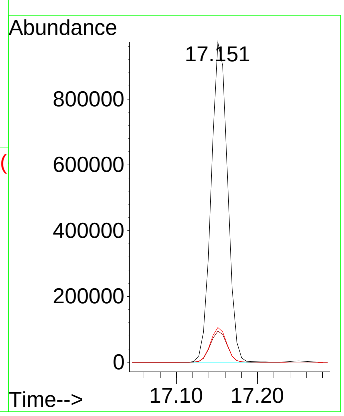
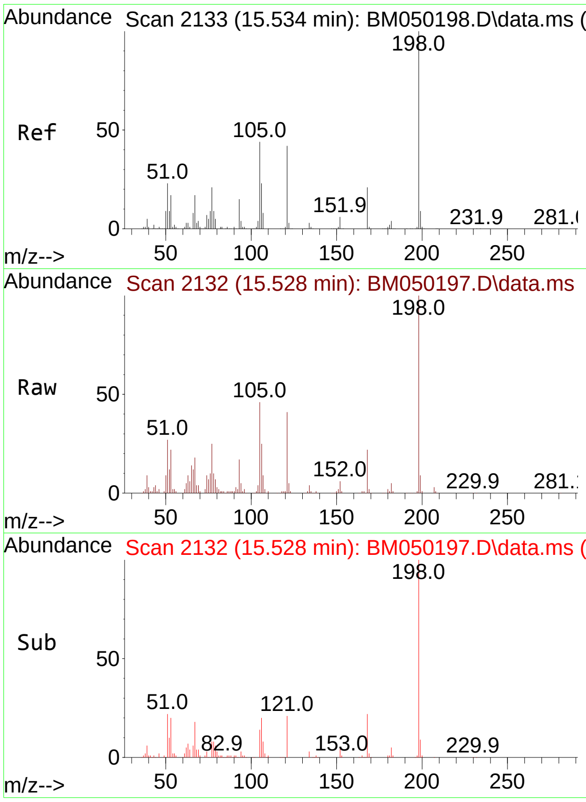


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:188 Resp: 1364843

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.1	12.1
80	10.9	8.6	13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 18.514 ng
RT: 15.528 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:198 Resp: 13801

Ion	Ratio	Lower	Upper
198	100		
51	26.6	4.5	44.5
105	46.0	24.9	64.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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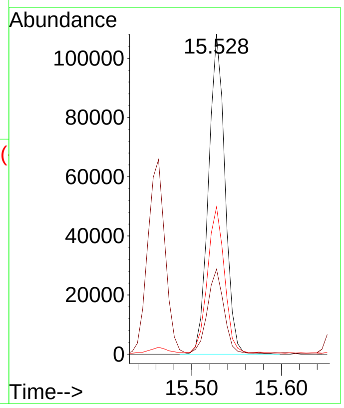
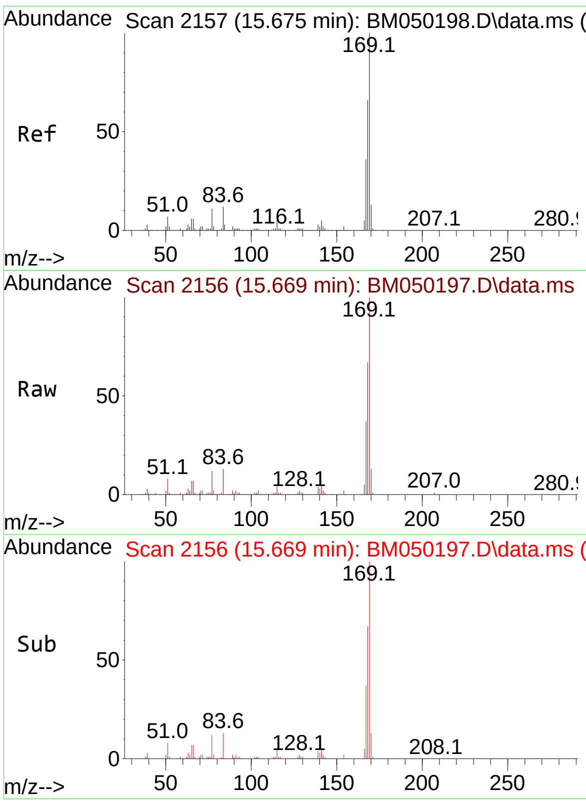
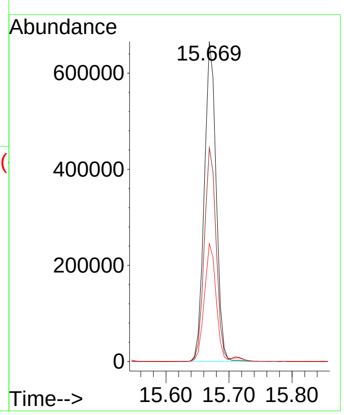


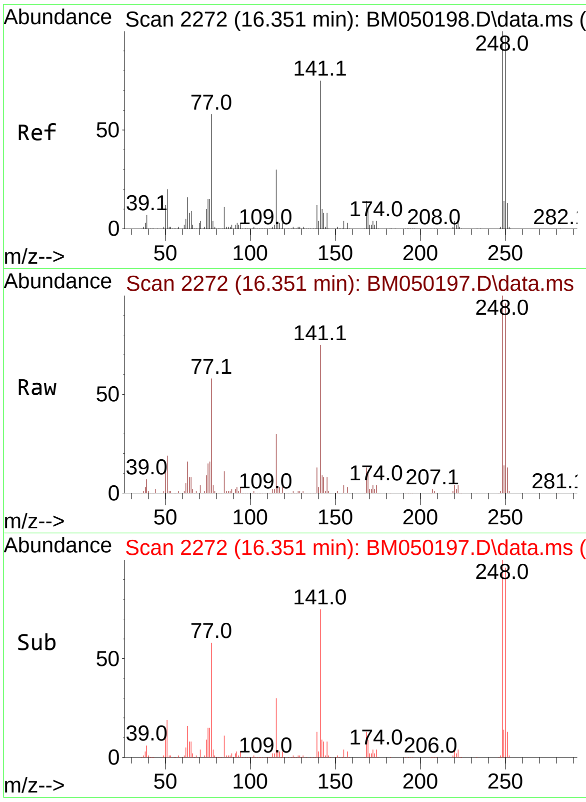


#66
n-Nitrosodiphenylamine
Concen: 20.349 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:169 Resp: 872651

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.1	79.7
167	36.8	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 20.172 ng
RT: 16.351 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:248 Resp: 29358

Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.0	117.0
141	75.1	60.1	90.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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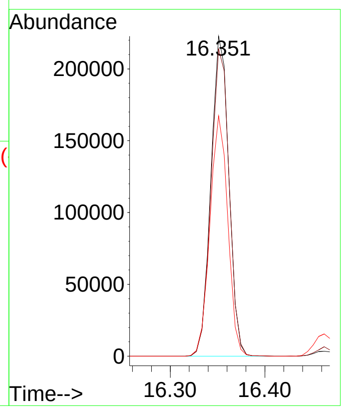
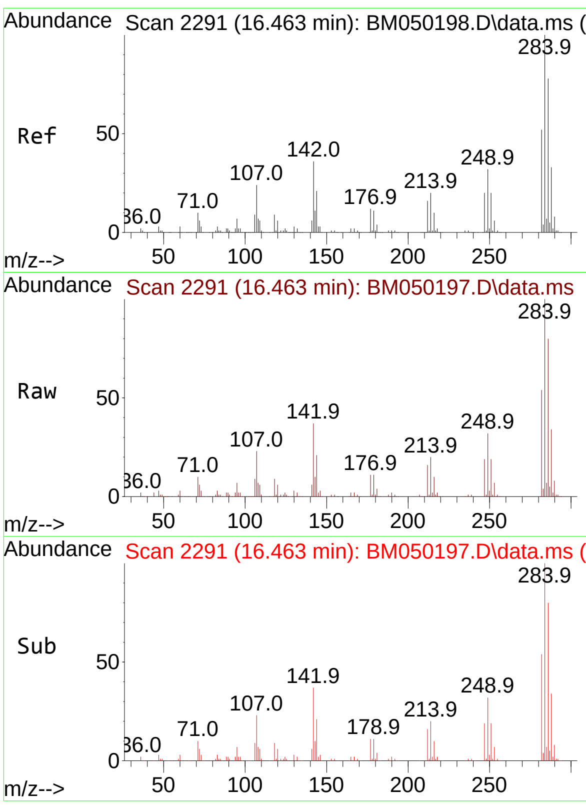
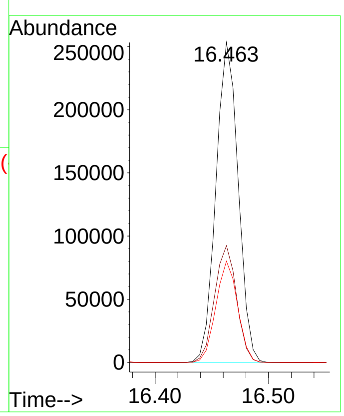


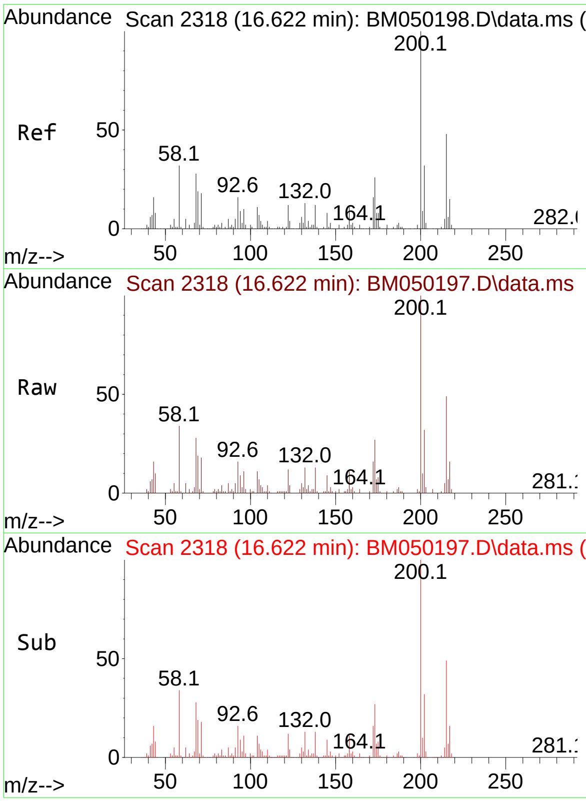


#68
Hexachlorobenzene
Concen: 20.343 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:284 Resp: 345929

Ion	Ratio	Lower	Upper
284	100		
142	36.5	28.8	43.2
249	31.7	25.8	38.6





#69
Atrazine
Concen: 20.591 ng
RT: 16.622 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 28136

Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.0	46.0
215	49.3	28.1	68.1

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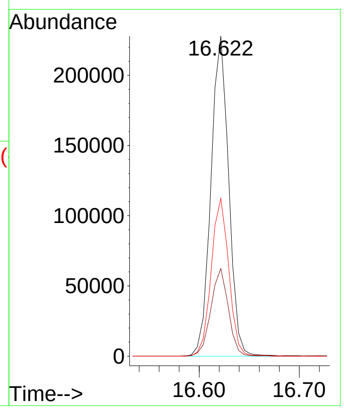
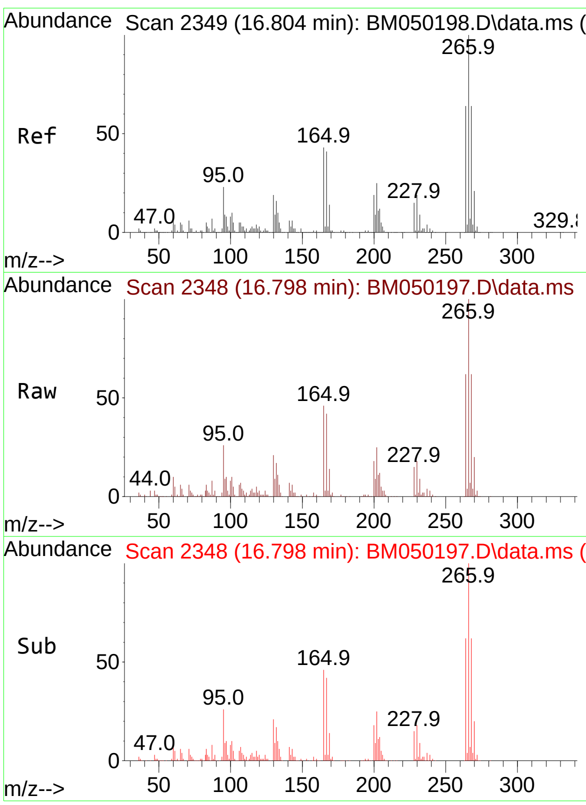
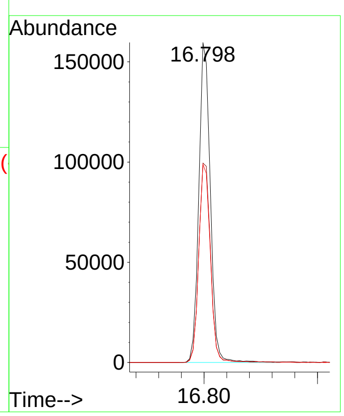




#70
Pentachlorophenol
Concen: 20.396 ng
RT: 16.798 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:266 Resp: 225494

Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.0	76.6
264	61.9	50.8	76.2



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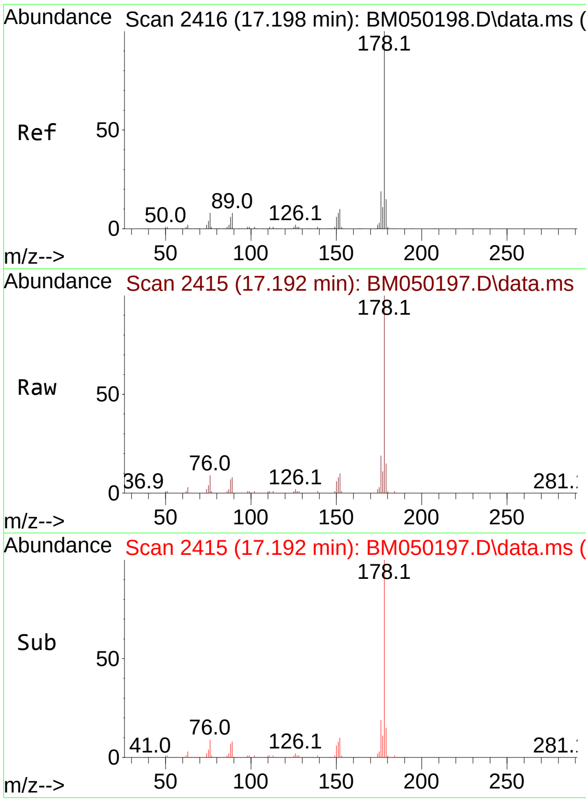

#71
Phenanthrene
Concen: 20.305 ng
RT: 17.192 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:178 Resp: 158318

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.5	12.3	18.5

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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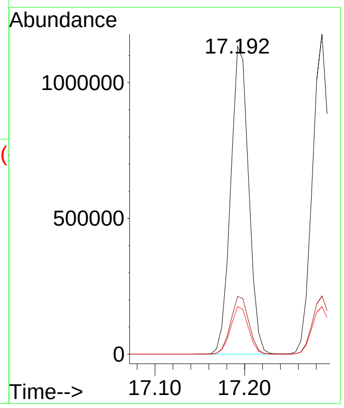
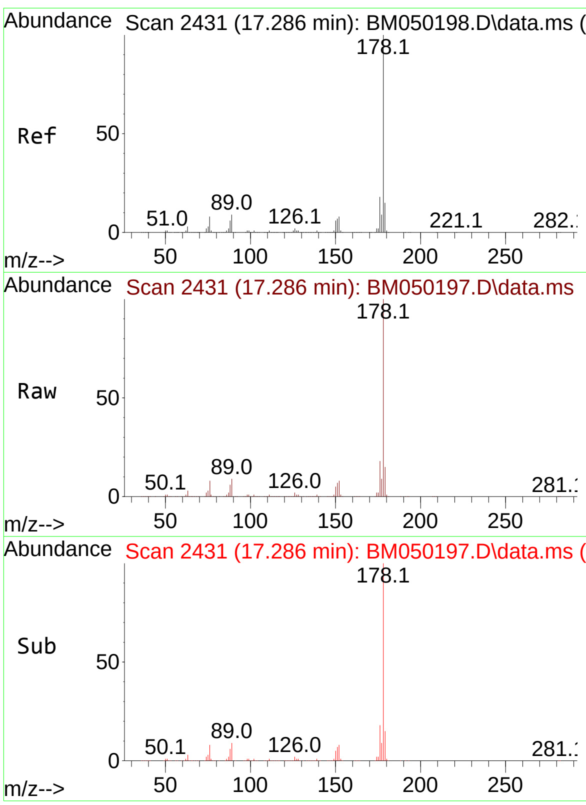
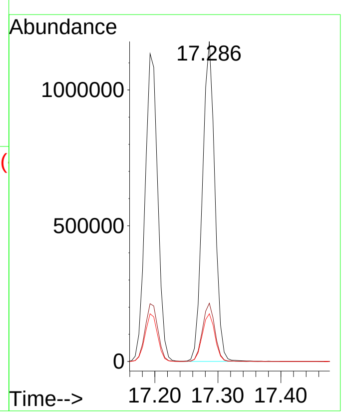




#72
Anthracene
Concen: 20.560 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:178 Resp: 1603637

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	14.9	12.3	18.5



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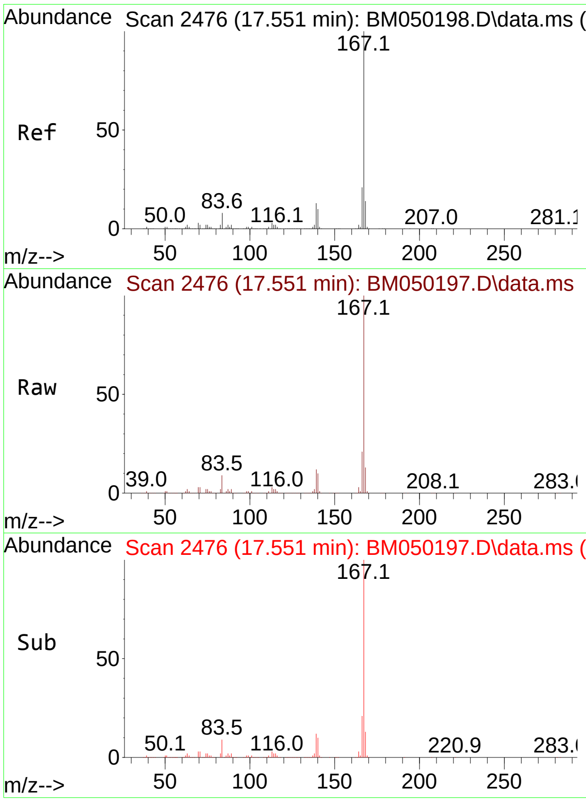

#73
Carbazole
Concen: 20.414 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:167 Resp: 145058

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.5	10.2	15.4

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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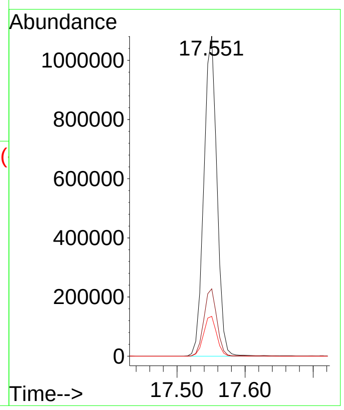
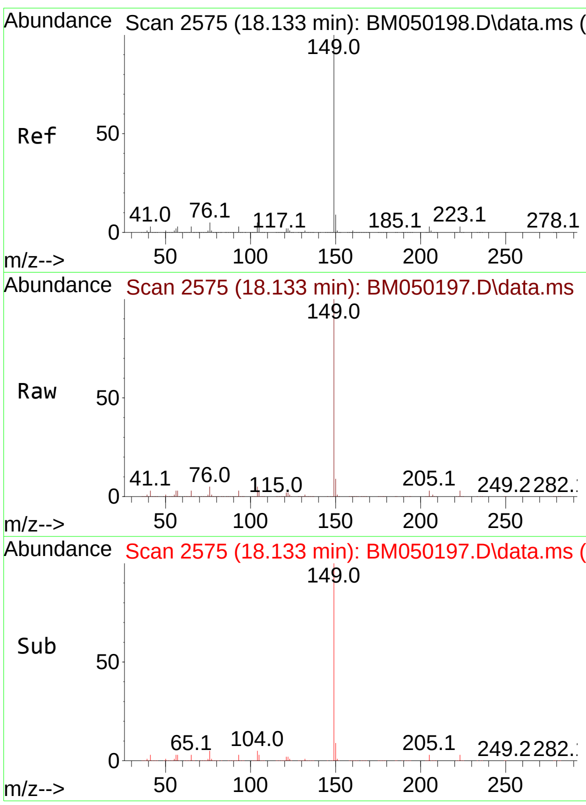
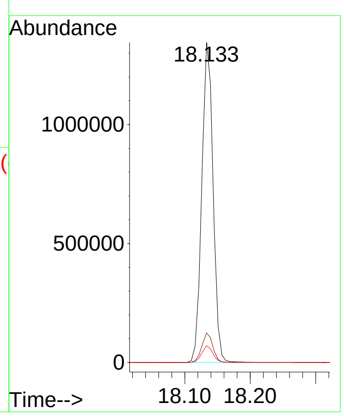




#74
Di-n-butylphthalate
Concen: 20.950 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:149 Resp: 1619797

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	4.0	6.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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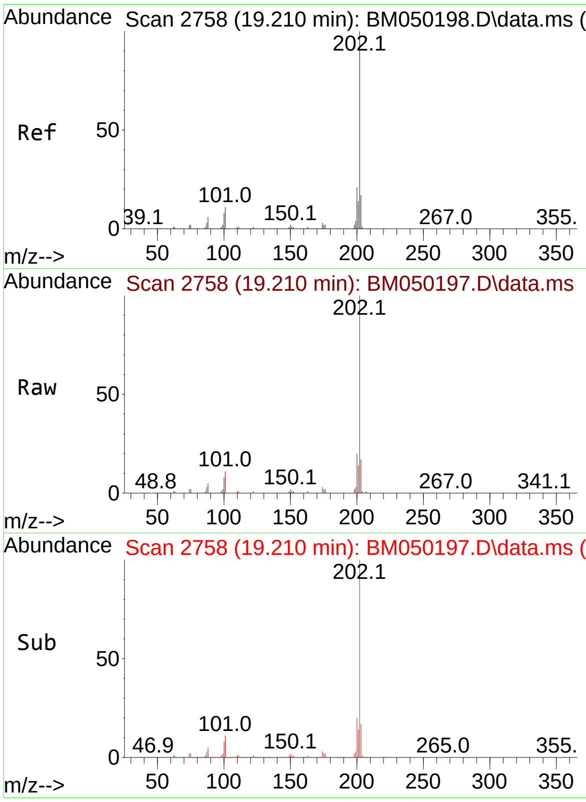
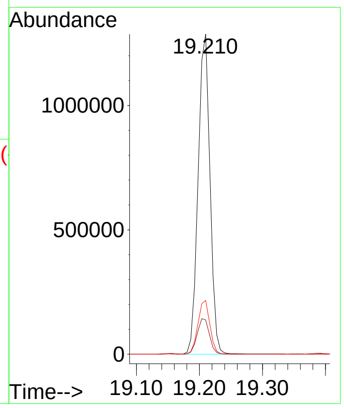
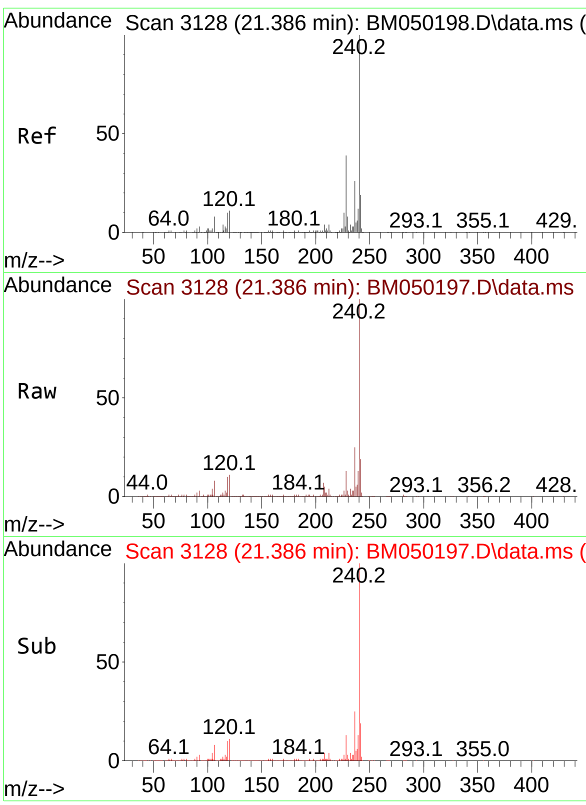


#75
Fluoranthene
Concen: 20.431 ng
RT: 19.210 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:202 Resp: 167994

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.1
203	16.8	0.0	37.0

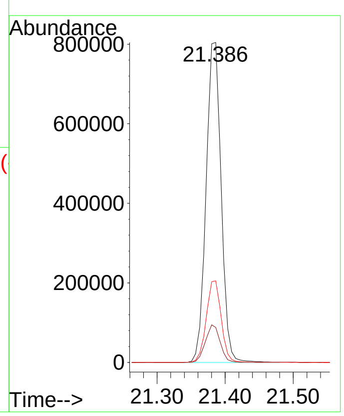




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:240 Resp: 1240830

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	25.5	20.7	31.1



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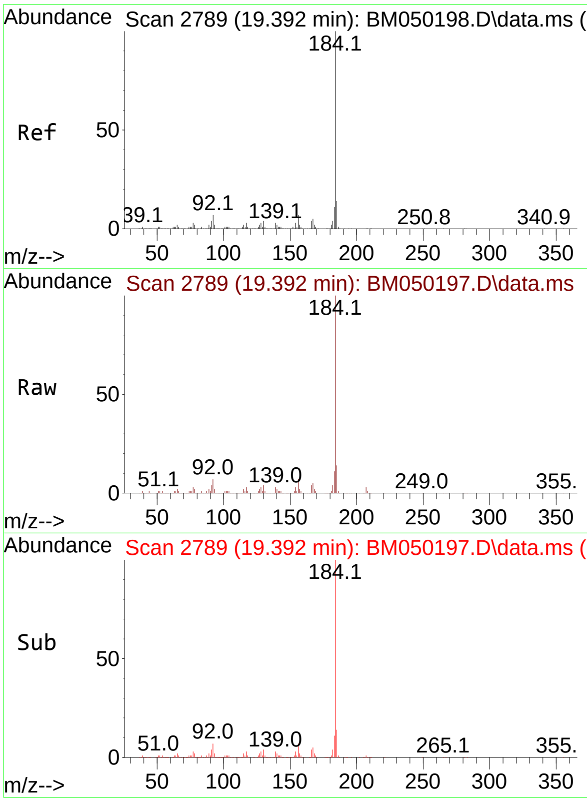
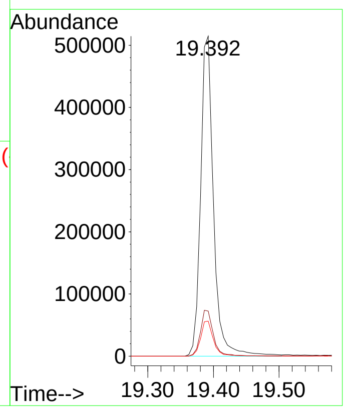


#77
Benzidine
Concen: 20.194 ng
RT: 19.392 min Scan# 2789
Delta R.T. 0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:184 Resp: 704620

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.0	9.0	13.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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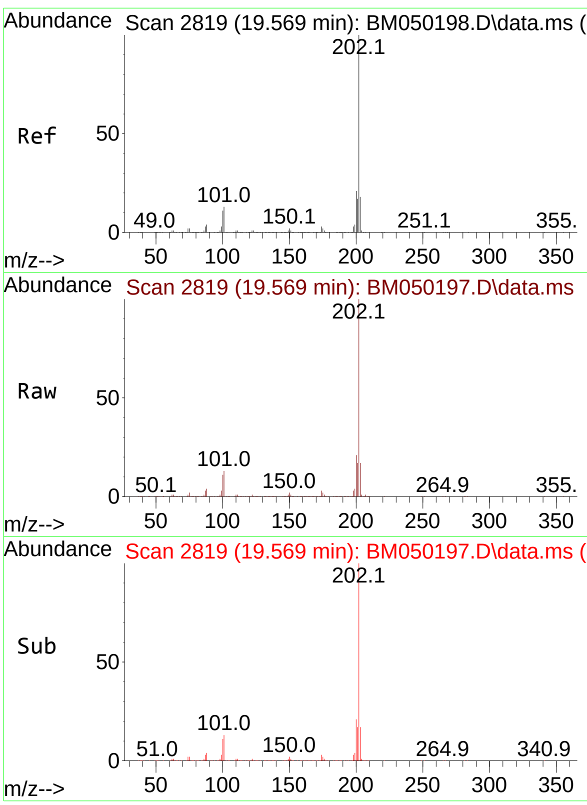
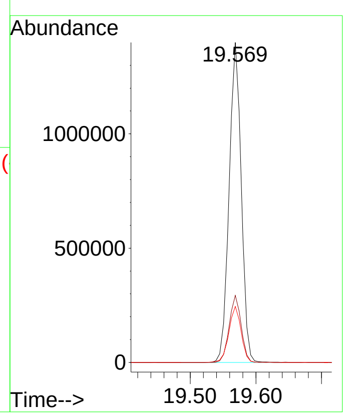


#78
Pyrene
Concen: 21.427 ng
RT: 19.569 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:202 Resp: 1791963

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.5	14.1	21.1



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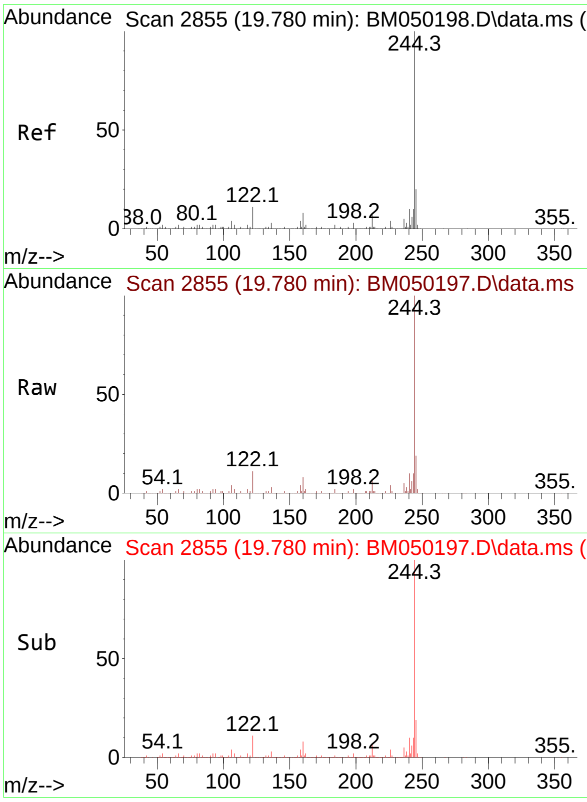

#79
Terphenyl-d14
Concen: 44.169 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 289209

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.1	8.6	12.8

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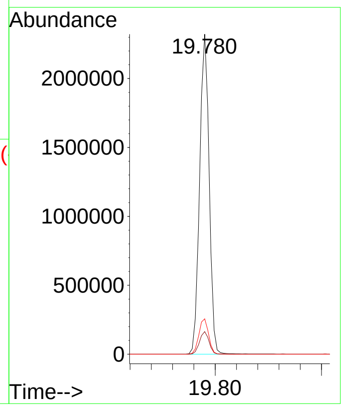
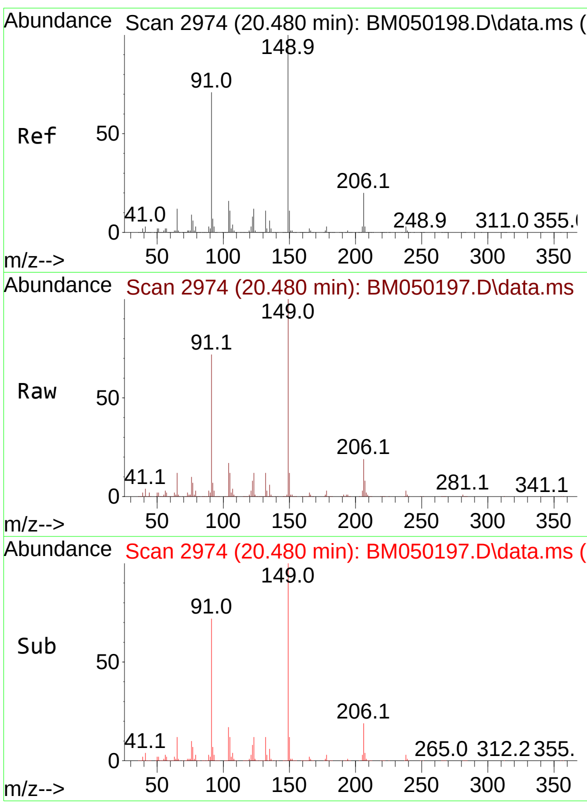
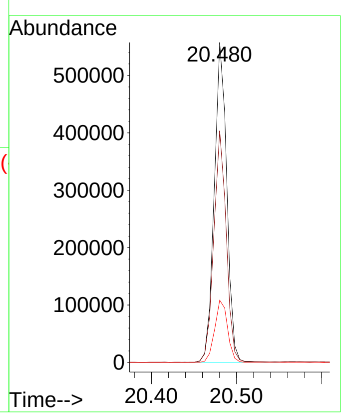




#80
Butylbenzylphthalate
Concen: 20.453 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:149 Resp: 570581

Ion	Ratio	Lower	Upper
149	100		
91	72.4	56.9	85.3
206	19.5	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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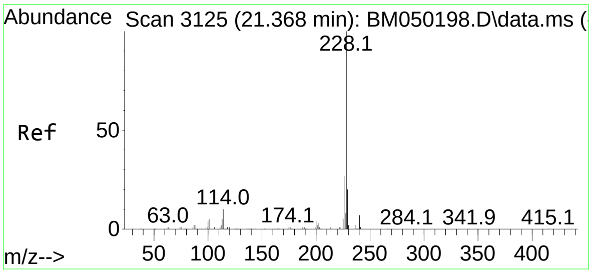
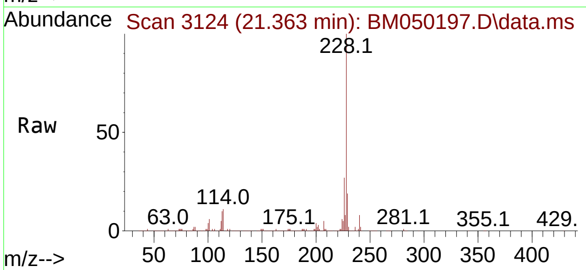
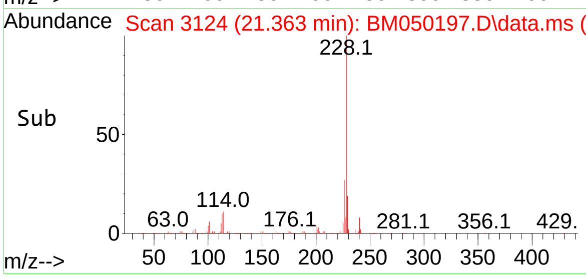


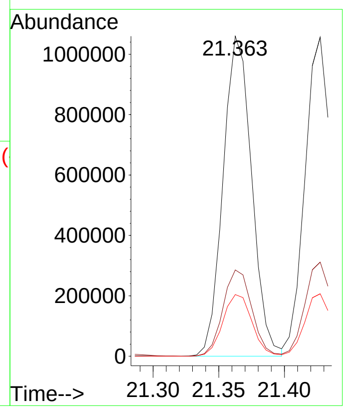


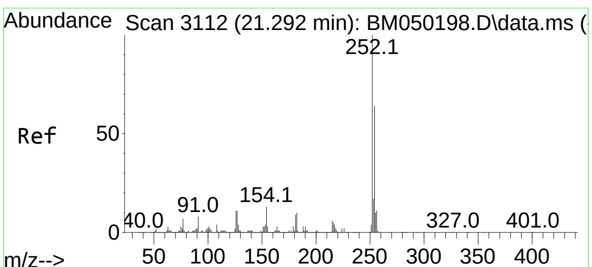


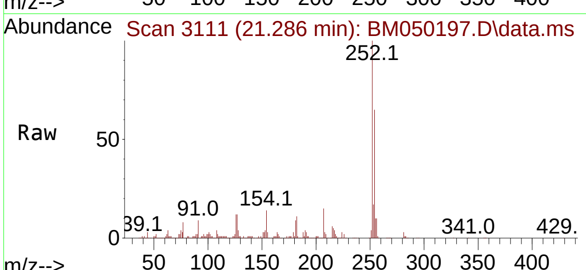
#81
Benzo(a)anthracene
Concen: 20.502 ng
RT: 21.363 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

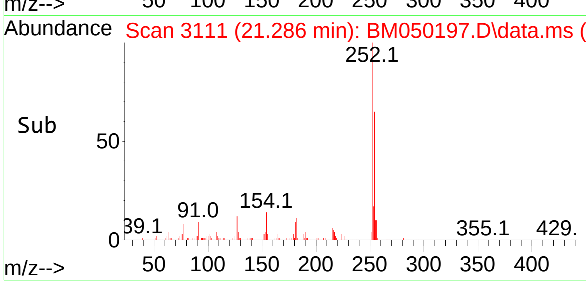
Tgt Ion:228 Resp: 161020

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.2	15.7	23.5





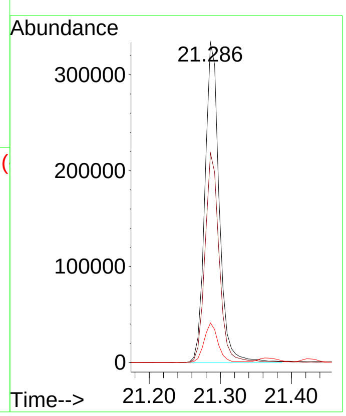




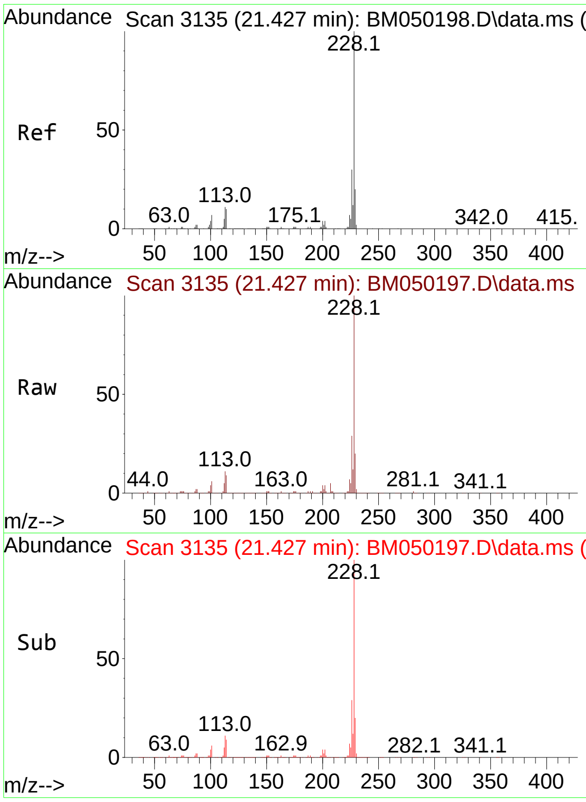
#82
3,3'-Dichlorobenzidine
Concen: 19.636 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:252 Resp: 470294

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.4	77.0
126	12.4	8.6	12.8



ICAL Form



#83
Chrysene
Concen: 20.343 ng
RT: 21.427 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

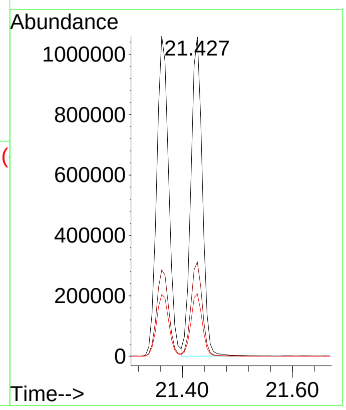
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

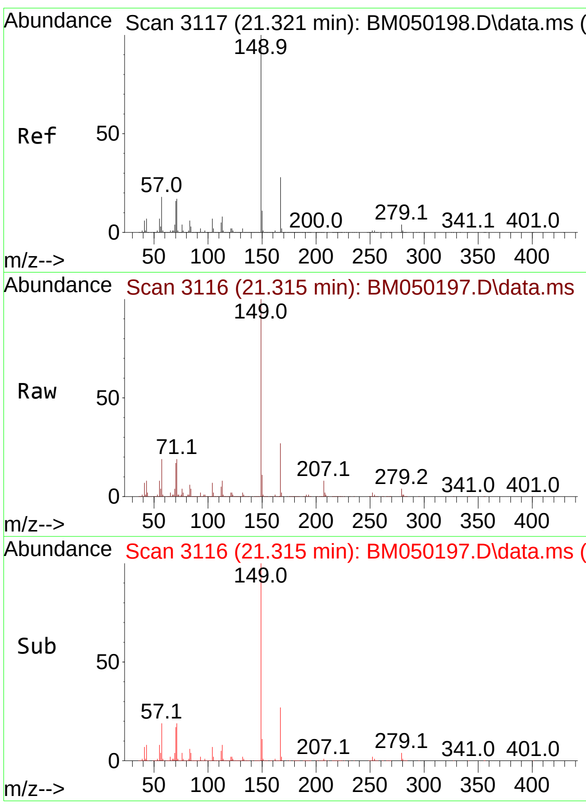
Tgt Ion:228 Resp: 151982

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	19.6	15.8	23.8

Manual Integrations APPROVED

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

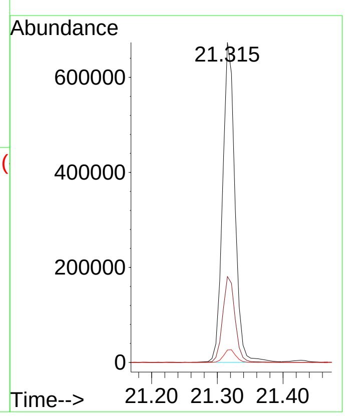




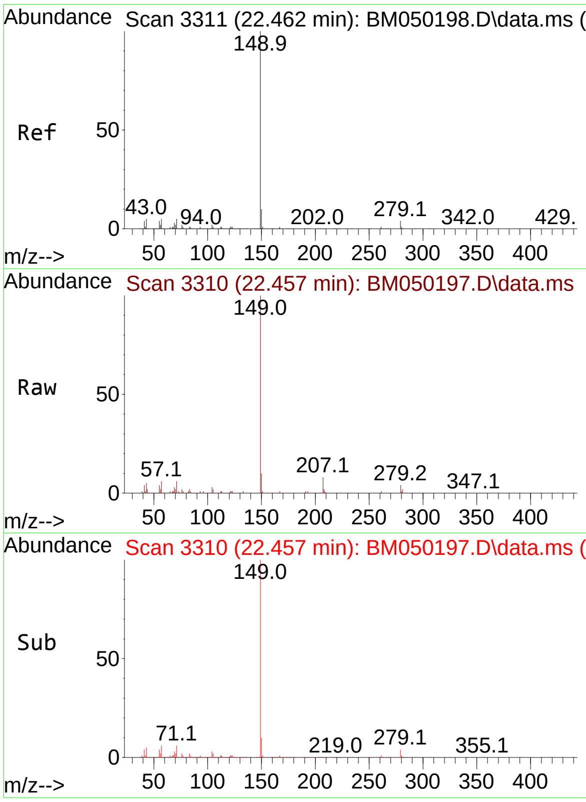
#84
Bis(2-ethylhexyl)phthalate
Concen: 20.277 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:149 Resp: 871329

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.3	33.5
279	3.9	3.5	5.3



ICAL Form



#85
Di-n-octyl phthalate
Concen: 18.223 ng
RT: 22.457 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

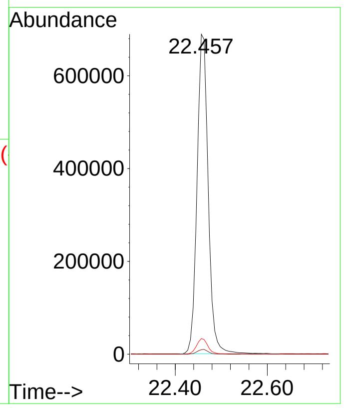
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

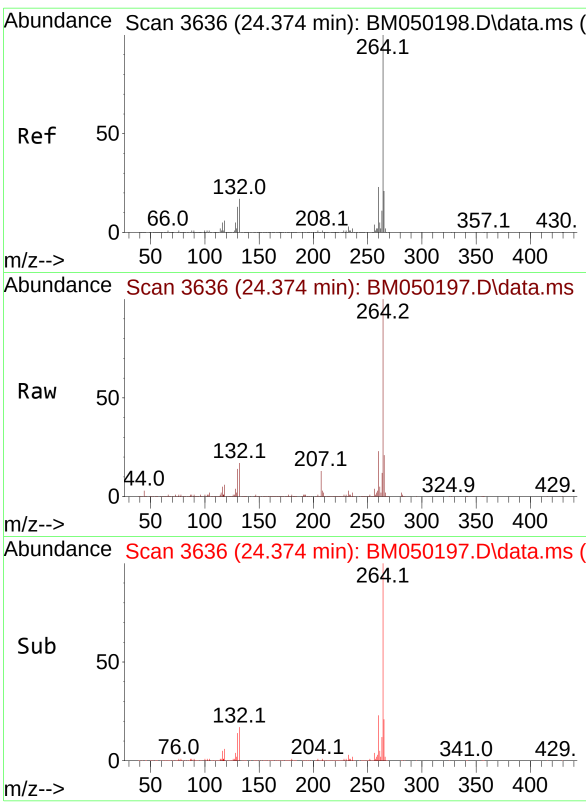
Tgt Ion:149 Resp: 116195

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	5.1	3.8	5.8

Manual Integrations
APPROVED

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

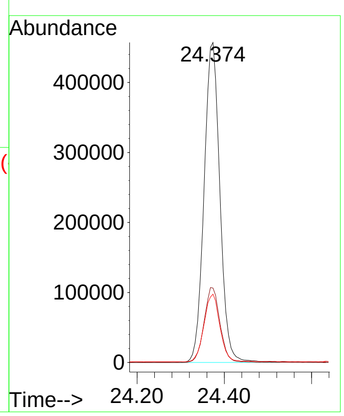


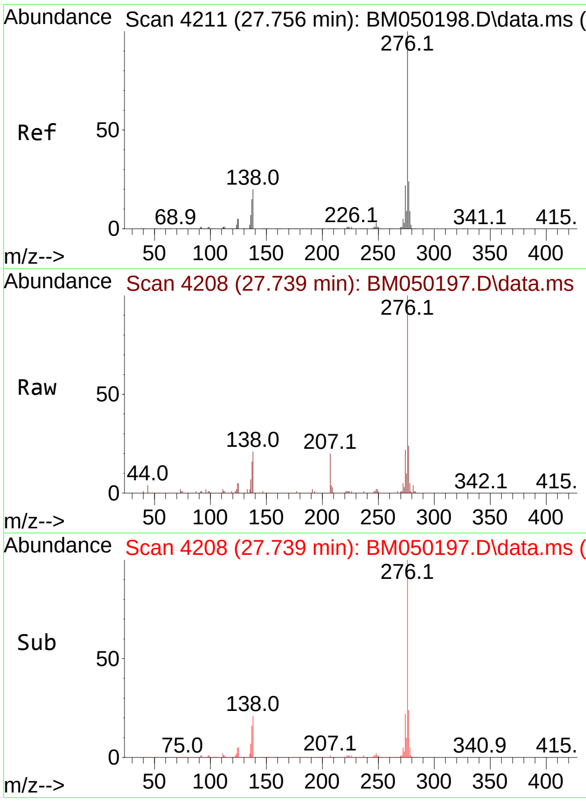


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:264 Resp: 1156806

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.4	16.8	25.2





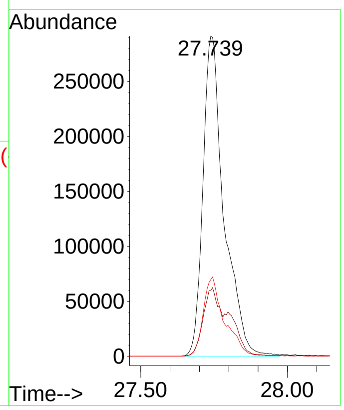
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.472 ng
RT: 27.739 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

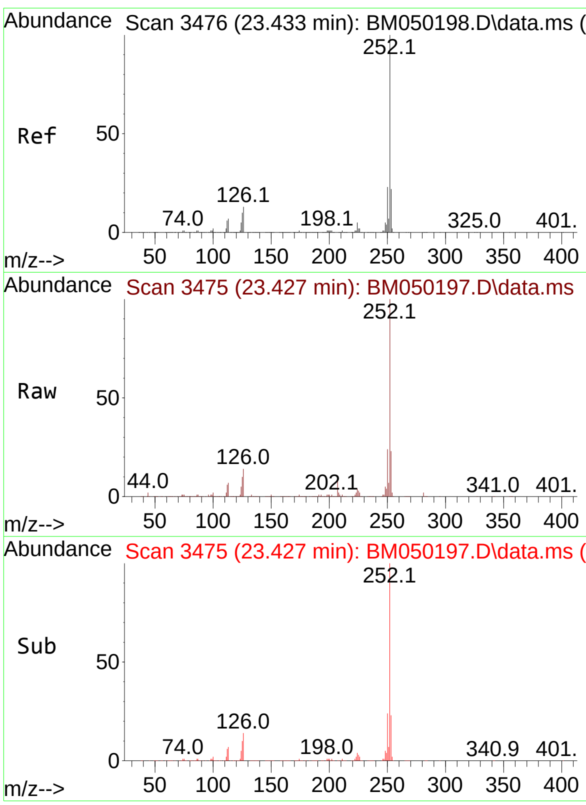
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 145038

Ion	Ratio	Lower	Upper
276	100		
138	16.7	20.6	30.8#
277	25.0	19.8	29.6

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

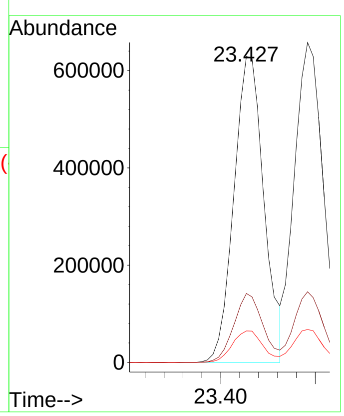




#88
Benzo(b)fluoranthene
Concen: 20.720 ng
RT: 23.427 min Scan# 3475
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:252 Resp: 1393549

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.3	8.2	12.4

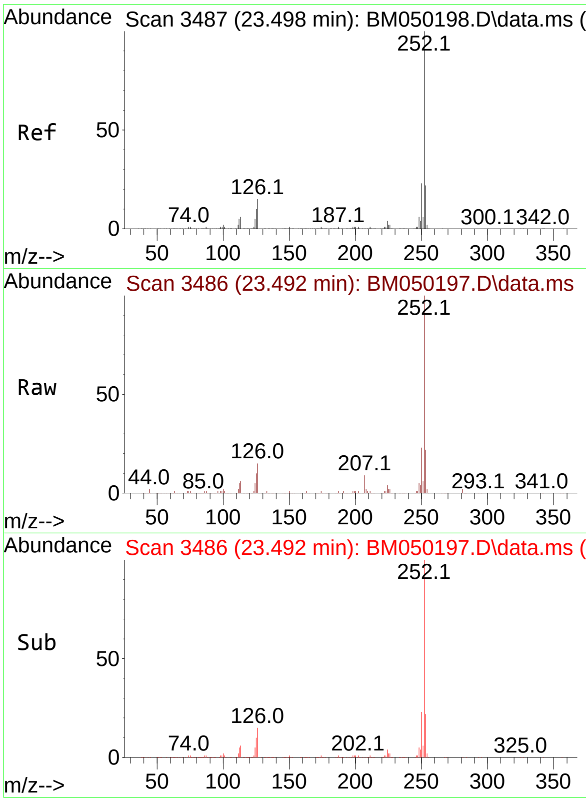


ICAL Form

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

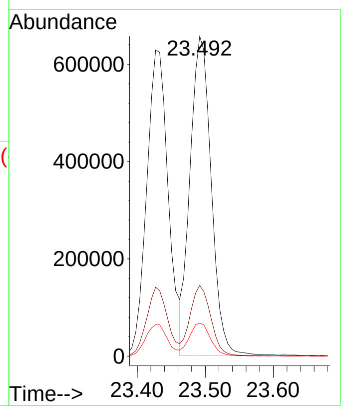
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

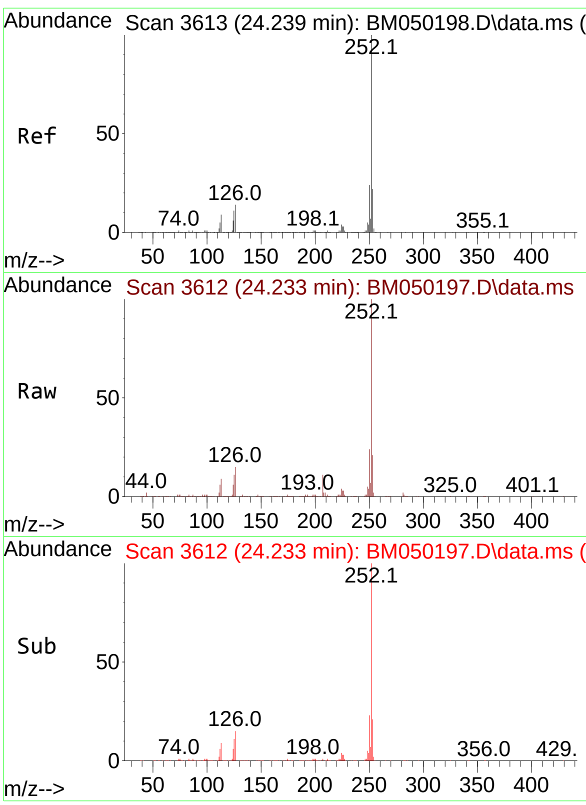


#89
Benzo(k)fluoranthene
Concen: 20.594 ng
RT: 23.492 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:252 Resp: 141397

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.3	8.2	12.4

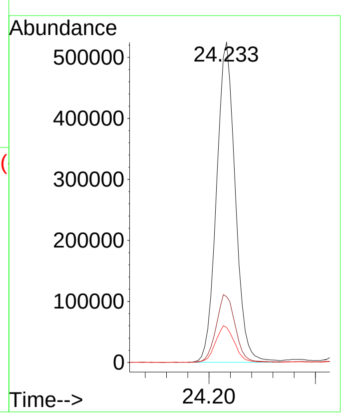




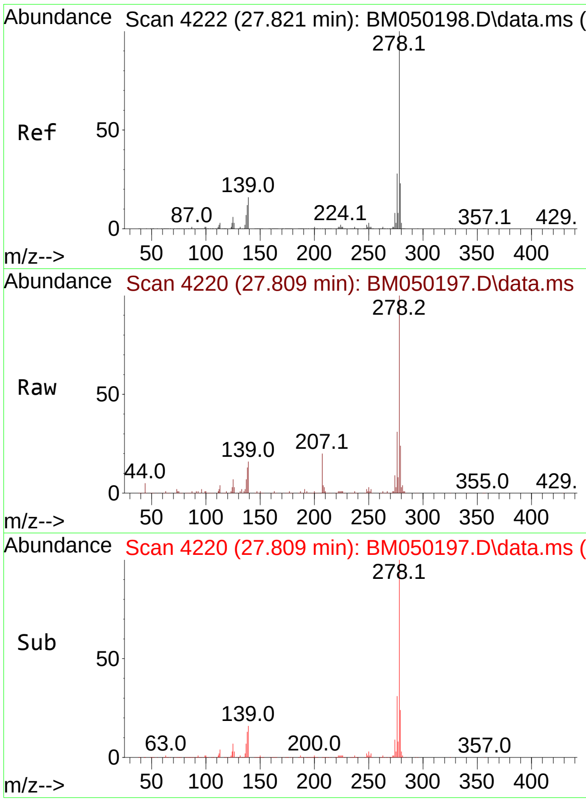
#90
Benzo(a)pyrene
Concen: 20.315 ng
RT: 24.233 min Scan# 3612
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:252 Resp: 1284647

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.6	26.4
125	11.0	9.0	13.4



ICAL Form



#91
Dibenzo(a,h)anthracene
Concen: 19.538 ng
RT: 27.809 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

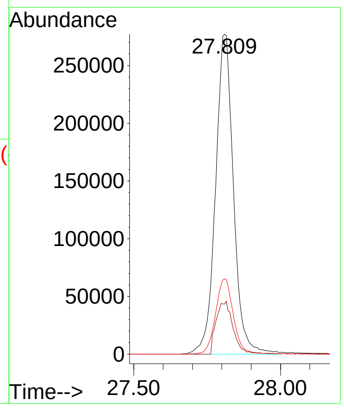
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

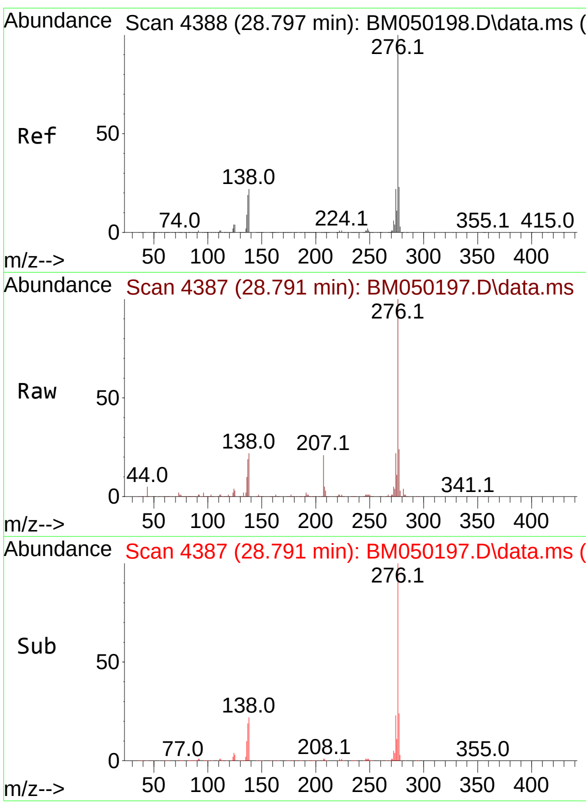
Manual Integrations
APPROVED

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

Tgt Ion:278 Resp: 118127

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.8	19.2
279	23.6	18.6	28.0

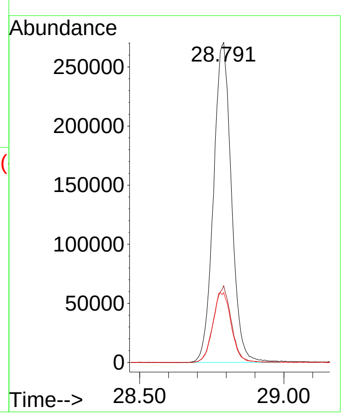




#92
Benzo(g,h,i)perylene
Concen: 19.358 ng
RT: 28.791 min Scan# 4387
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:276 Resp: 1171360

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	21.8	17.8	26.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050198.D
Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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

Quant Time: Jun 05 14:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.793	152	308806	20.000 ng	0.00
21) Naphthalene-d8	10.575	136	1316349	20.000 ng	0.00
39) Acenaphthene-d10	14.416	164	819036	20.000 ng	0.00
64) Phenanthrene-d10	17.151	188	1590674	20.000 ng	0.00
76) Chrysene-d12	21.386	240	1484493	20.000 ng	0.00
86) Perylene-d12	24.374	264	1410376	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.369	112	1414880	76.431 ng	0.00
7) Phenol-d6	6.952	99	1932648	79.307 ng	0.00
23) Nitrobenzene-d5	8.940	82	1984901	78.422 ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	756605	81.216 ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4510866	74.564 ng	0.00
79) Terphenyl-d14	19.780	244	5997941	76.566 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.293	88	296051	36.484 ng	100
3) Pyridine	3.681	79	809743	38.534 ng	100
4) n-Nitrosodimethylamine	3.593	42	167736	38.601 ng	100
6) Aniline	7.116	93	1275182	39.583 ng	100
8) 2-Chlorophenol	7.352	128	799983	39.288 ng	100
9) Benzaldehyde	6.928	77	542319	35.003 ng	100
10) Phenol	6.975	94	1015393	39.380 ng	100
11) bis(2-Chloroethyl)ether	7.211	93	812045	39.155 ng	100
12) 1,3-Dichlorobenzene	7.681	146	871882	38.301 ng	100
13) 1,4-Dichlorobenzene	7.822	146	895582	37.813 ng	100
14) 1,2-Dichlorobenzene	8.140	146	865951	38.353 ng	100
15) Benzyl Alcohol	8.022	79	704555	40.536 ng	100
16) 2,2'-oxybis(1-Chloropr...	8.322	45	561618	38.982 ng	100
17) 2-Methylphenol	8.222	107	684260	40.220 ng	100
18) Hexachloroethane	8.869	117	329145	38.374 ng	100
19) n-Nitroso-di-n-propyla...	8.599	70	618395	41.468 ng	100
20) 3+4-Methylphenols	8.552	107	932041	40.948 ng	100
22) Acetophenone	8.605	105	1252780	38.094 ng	100
24) Nitrobenzene	8.981	77	893607	38.820 ng	100
25) Isophorone	9.510	82	1735374	39.724 ng	100
26) 2-Nitrophenol	9.687	139	407943	41.055 ng	100
27) 2,4-Dimethylphenol	9.752	122	798142	39.057 ng	100
28) bis(2-Chloroethoxy)met...	9.993	93	1123606	39.371 ng	100
29) 2,4-Dichlorophenol	10.222	162	752942	39.853 ng	100
30) 1,2,4-Trichlorobenzene	10.440	180	803693	38.227 ng	100
31) Naphthalene	10.628	128	2571805	37.788 ng	100
32) Benzoic acid	9.875	122	538152	41.942 ng	100
33) 4-Chloroaniline	10.728	127	1139540	39.273 ng	100
34) Hexachlorobutadiene	10.922	225	480290	38.406 ng	100
35) Caprolactam	11.499	113	256391	42.805 ng	100
36) 4-Chloro-3-methylphenol	11.851	107	824664	40.906 ng	100
37) 2-Methylnaphthalene	12.240	142	1619990	39.456 ng	100
38) 1-Methylnaphthalene	12.457	142	1708673	39.210 ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	886232	37.472 ng	100
41) Hexachlorocyclopentadiene	12.598	237	558871	38.910 ng	100
43) 2,4,6-Trichlorophenol	12.845	196	613571	39.450 ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050198.D
Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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

Quant Time: Jun 05 14:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	678534	39.736	ng	100
46) 1,1'-Biphenyl	13.257	154	2299241	37.491	ng	100
47) 2-Chloronaphthalene	13.293	162	1775515	37.239	ng	100
48) 2-Nitroaniline	13.487	65	439212	41.860	ng	100
49) Acenaphthylene	14.140	152	2979847	38.640	ng	100
50) Dimethylphthalate	13.881	163	2200039	39.718	ng	100
51) 2,6-Dinitrotoluene	13.987	165	473177	42.359	ng	100
52) Acenaphthene	14.481	154	1854951	38.456	ng	100
53) 3-Nitroaniline	14.310	138	529333	42.518	ng	100
54) 2,4-Dinitrophenol	14.510	184	249778	37.659	ng	100
55) Dibenzofuran	14.816	168	2721863	38.571	ng	100
56) 4-Nitrophenol	14.610	139	449268	42.399	ng	100
57) 2,4-Dinitrotoluene	14.769	165	648297	43.996	ng	100
58) Fluorene	15.463	166	2075880	38.407	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	597496m	40.441	ng	
60) Diethylphthalate	15.245	149	2205514	40.130	ng	100
61) 4-Chlorophenyl-phenyle...	15.463	204	1001298	38.331	ng	100
62) 4-Nitroaniline	15.475	138	503785	43.174	ng	100
63) Azobenzene	15.757	77	2151453	39.165	ng	100
65) 4,6-Dinitro-2-methylph...	15.534	198	353237	40.658	ng	100
66) n-Nitrosodiphenylamine	15.675	169	1888442	37.784	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	648140	38.210	ng	100
68) Hexachlorobenzene	16.463	284	755736	38.133	ng	100
69) Atrazine	16.622	200	654294	41.086	ng	100
70) Pentachlorophenol	16.804	266	520982	40.433	ng	100
71) Phenanthrene	17.198	178	3406564	37.488	ng	100
72) Anthracene	17.286	178	3455118	38.008	ng	100
73) Carbazole	17.551	167	3209816	38.758	ng	100
74) Di-n-butylphthalate	18.133	149	3688687	40.935	ng	100
75) Fluoranthene	19.210	202	3748435	39.116	ng	100
77) Benzidine	19.392	184	1831158	43.865	ng	100
78) Pyrene	19.569	202	3930978	39.288	ng	100
80) Butylbenzylphthalate	20.480	149	1455291	43.604	ng	100
81) Benzo(a)anthracene	21.368	228	3616438	38.488	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	1232348	43.008	ng	100
83) Chrysene	21.427	228	3415842	38.218	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	2198448	42.764	ng	100
85) Di-n-octyl phthalate	22.462	149	3308886	43.375	ng	100
87) Indeno(1,2,3-cd)pyrene	27.756	276	3359194	36.991	ng	100
88) Benzo(b)fluoranthene	23.433	252	3299020	40.232	ng	100
89) Benzo(k)fluoranthene	23.498	252	3292030	39.327	ng	100
90) Benzo(a)pyrene	24.239	252	3048619	39.542	ng	100
91) Dibenzo(a,h)anthracene	27.821	278	2740891	37.184	ng	100
92) Benzo(g,h,i)perylene	28.797	276	2690355	36.467	ng	100

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

Quantitation Report (QT Reviewed)

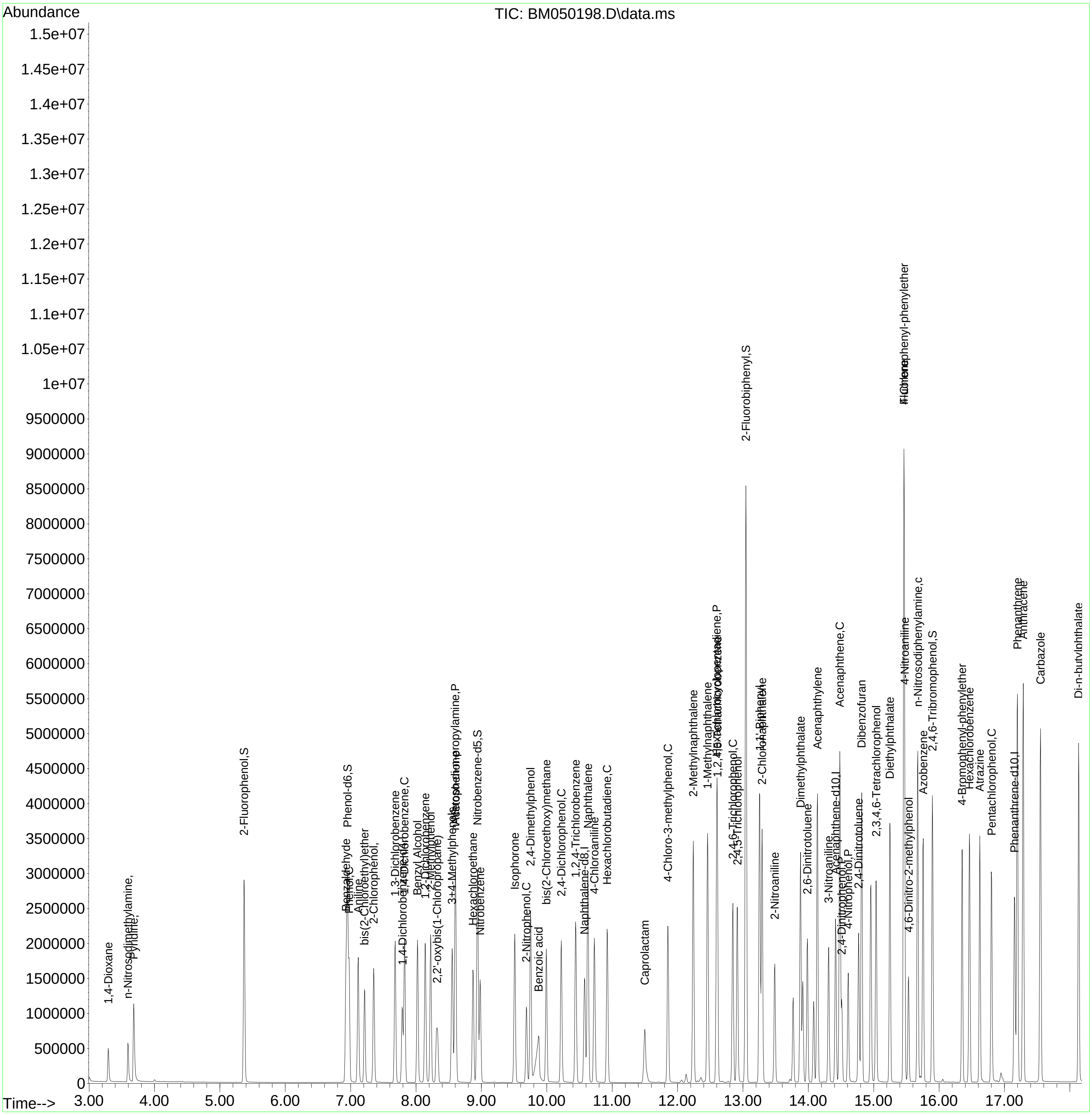
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050198.D
Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 05 14:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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



Quantitation Report (QT Reviewed)

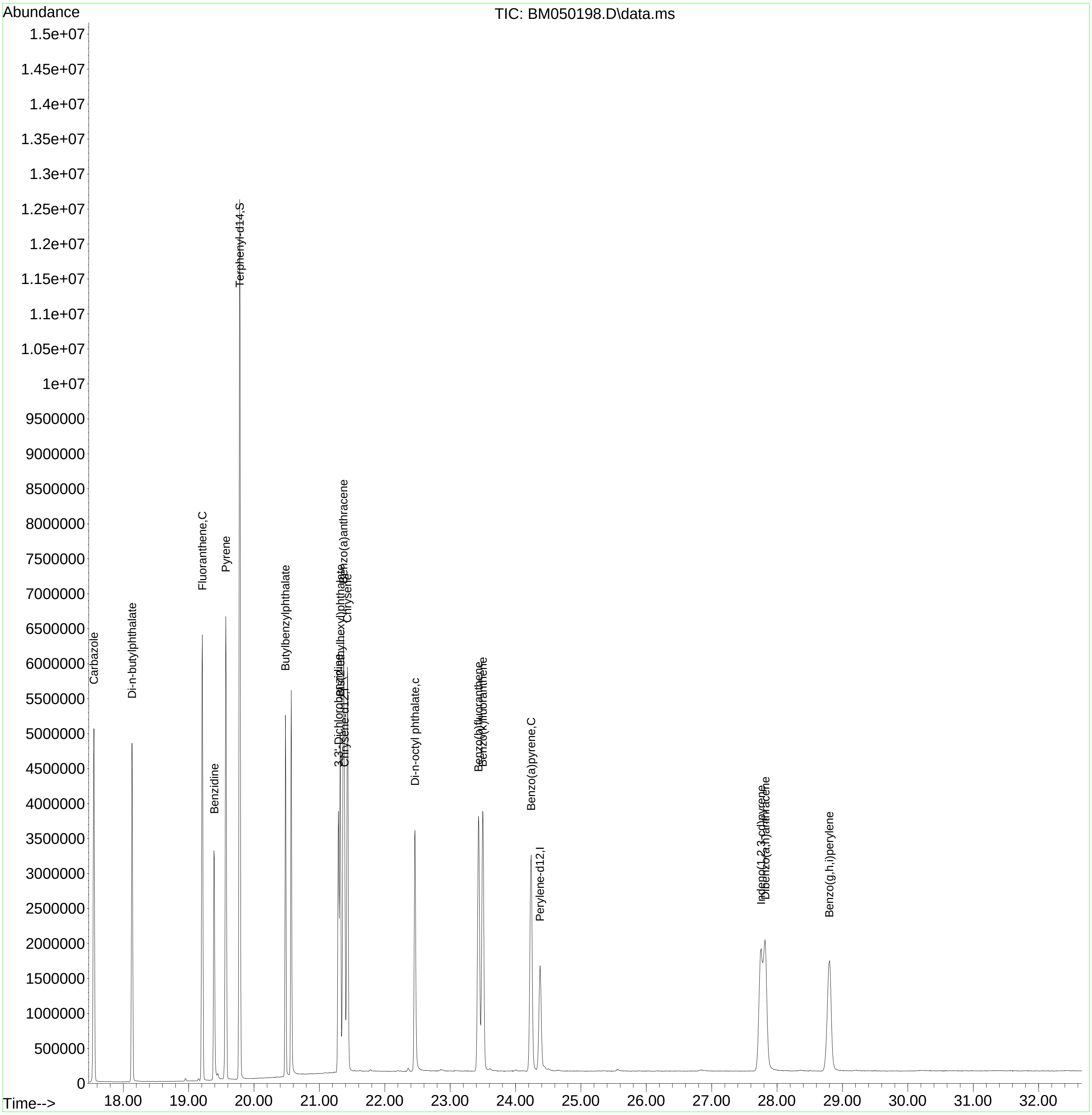
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050198.D
Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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

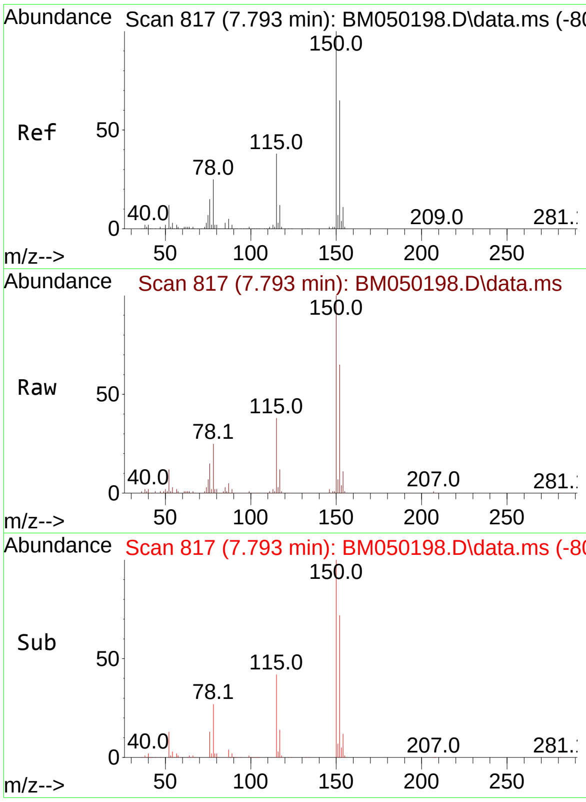
Quant Time: Jun 05 14:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

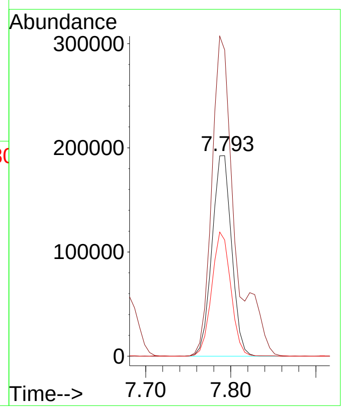
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

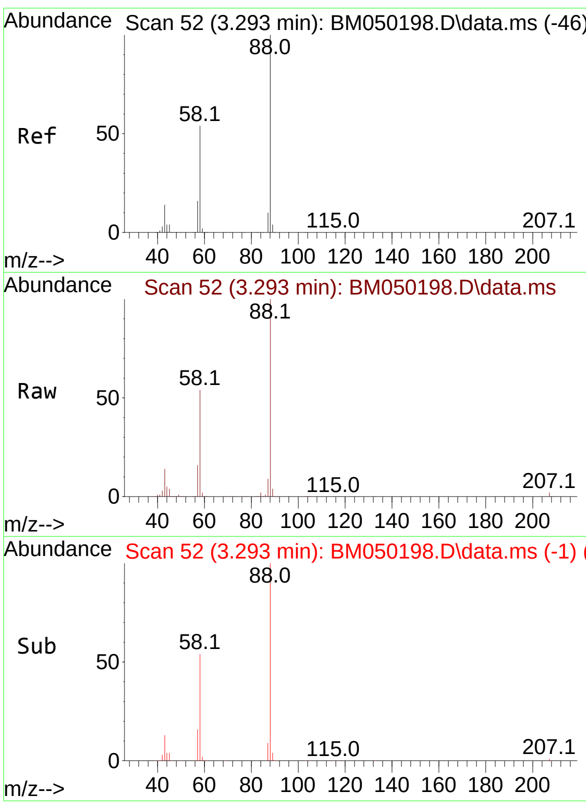


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:152 Resp: 30888

Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.2	183.4
115	57.9	46.3	69.5

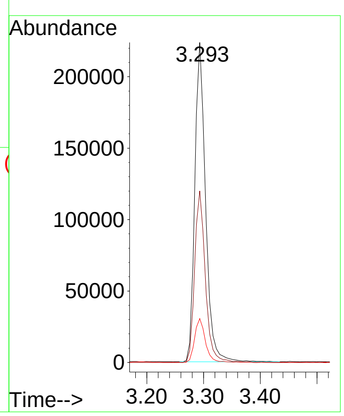


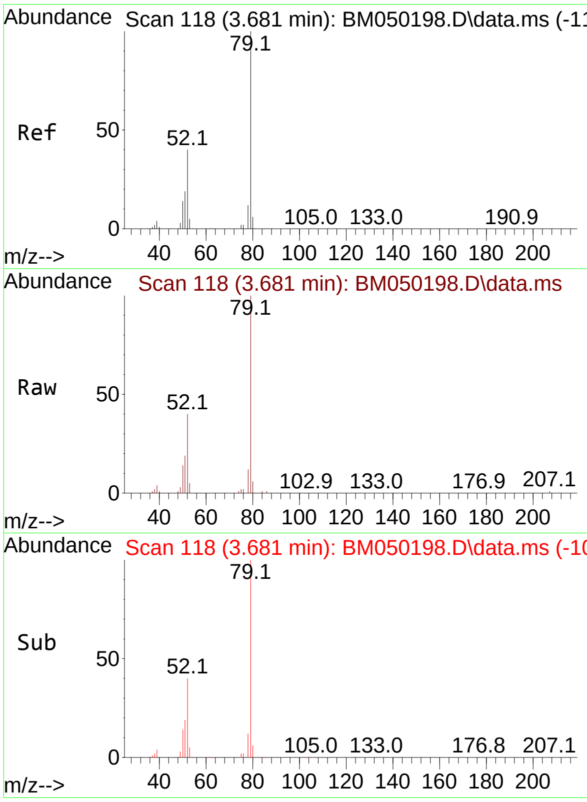


#2
1,4-Dioxane
Concen: 36.484 ng
RT: 3.293 min Scan# 52
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion: 88 Resp: 296051

Ion	Ratio	Lower	Upper
88	100		
58	53.6	42.9	64.3
43	13.8	11.0	16.6





#3
Pyridine
Concen: 38.534 ng
RT: 3.681 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025   11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 80974

Ion	Ratio	Lower	Upper
79	100		
52	40.1	32.1	48.1
51	19.2	15.4	23.0

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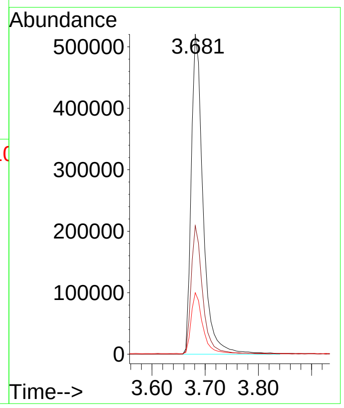
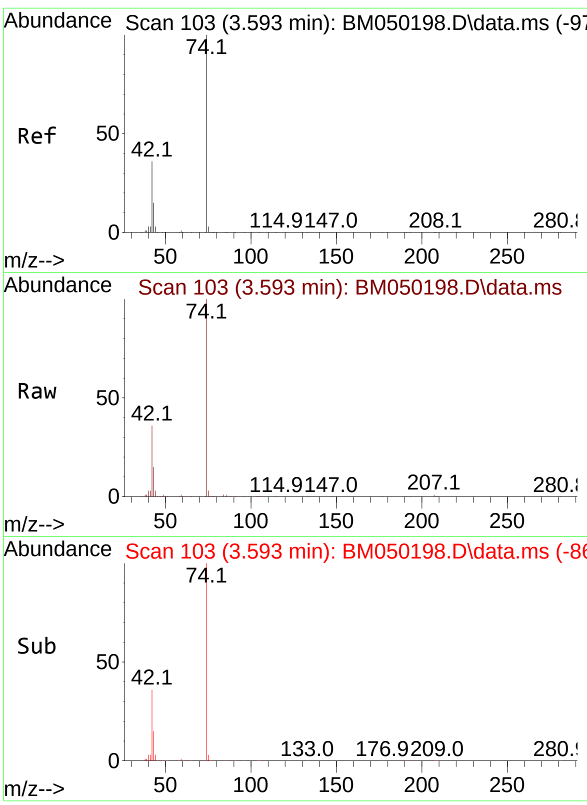
Supervised By :Jagrut Upadhyay   06/06/2025

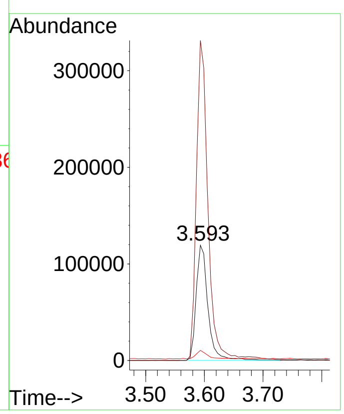


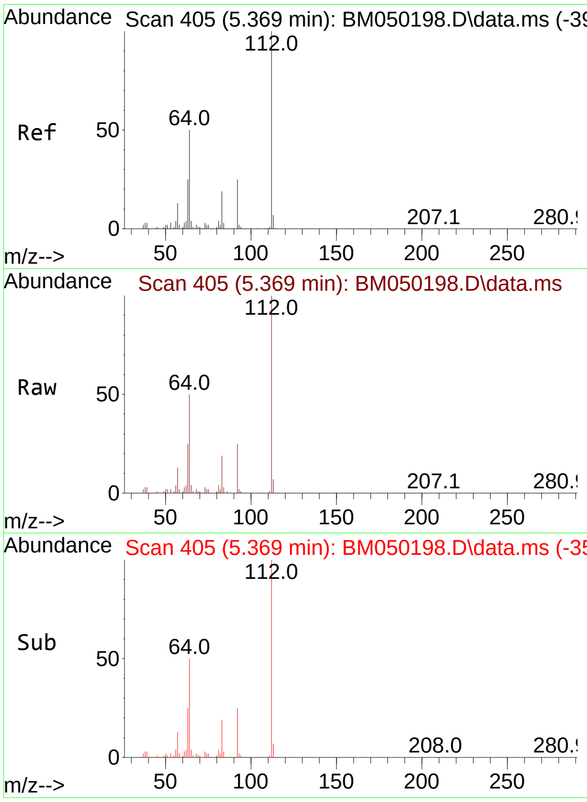


#4
n-Nitrosodimethylamine
Concen: 38.601 ng
RT: 3.593 min   Scan# 103
Delta R.T.   0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025   11:57

Tgt Ion: 42 Resp: 167736

Ion	Ratio	Lower	Upper
42	100		
74	277.5	222.0	333.0
44	8.8	7.0	10.6





#5
2-Fluorophenol
Concen: 76.431 ng
RT: 5.369 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 141488

Ion	Ratio	Lower	Upper
112	100		
64	49.7	39.8	59.6
63	24.8	19.8	29.8

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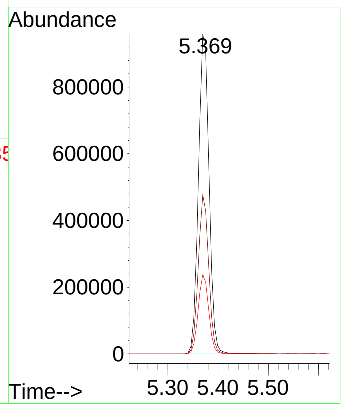
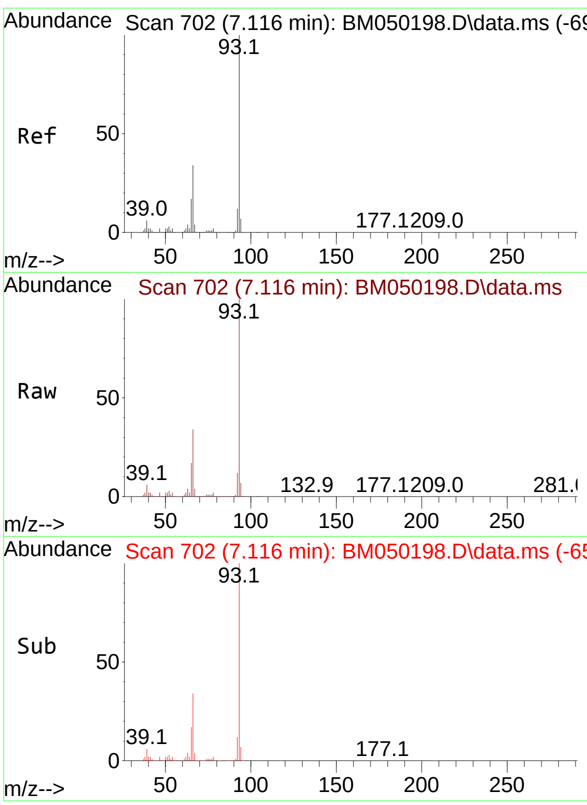
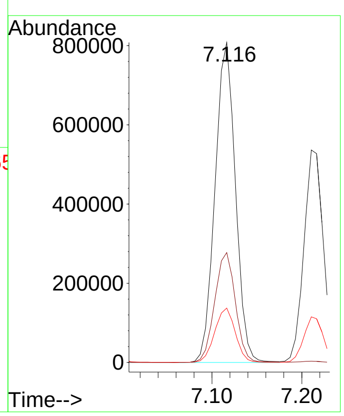




#6
Aniline
Concen: 39.583 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion: 93 Resp: 1275182

Ion	Ratio	Lower	Upper
93	100		
66	34.3	27.4	41.2
65	17.0	13.6	20.4



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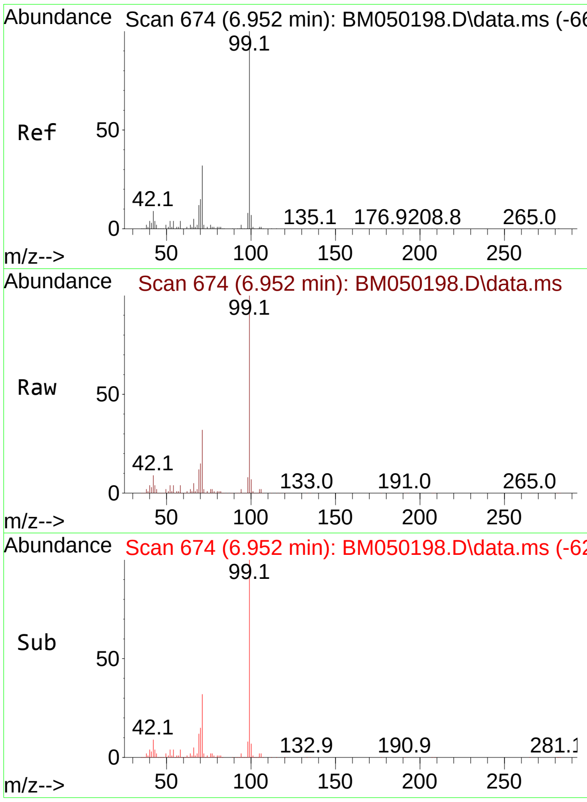

#7
Phenol-d6
Concen: 79.307 ng
RT: 6.952 min   Scan# 6
Delta R.T.   0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025   11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 193264

Ion	Ratio	Lower	Upper
99	100		
42	8.6	6.9	10.3
71	31.6	25.3	37.9

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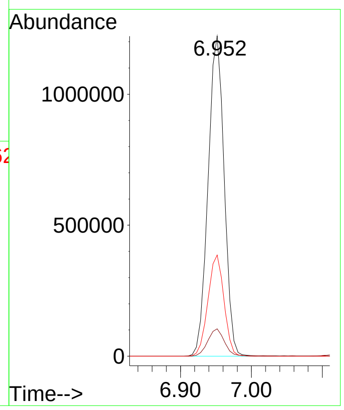
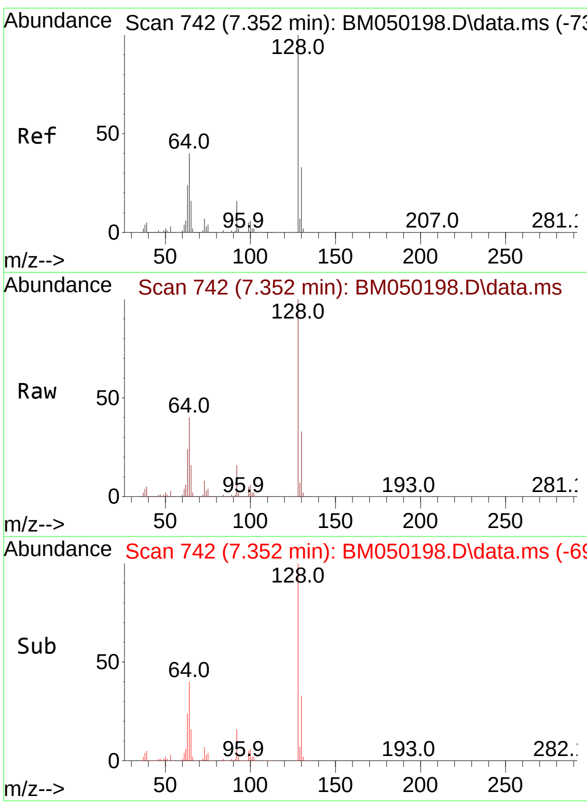
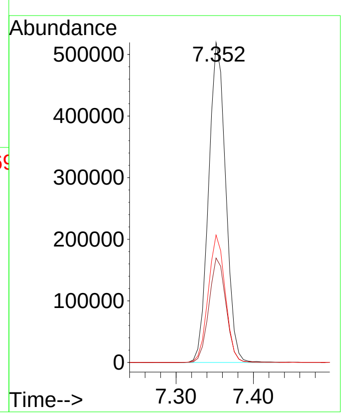




#8
2-Chlorophenol
Concen: 39.288 ng
RT: 7.352 min   Scan# 742
Delta R.T.   0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025   11:57

Tgt Ion:128 Resp: 799983

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	39.8	19.8	59.8



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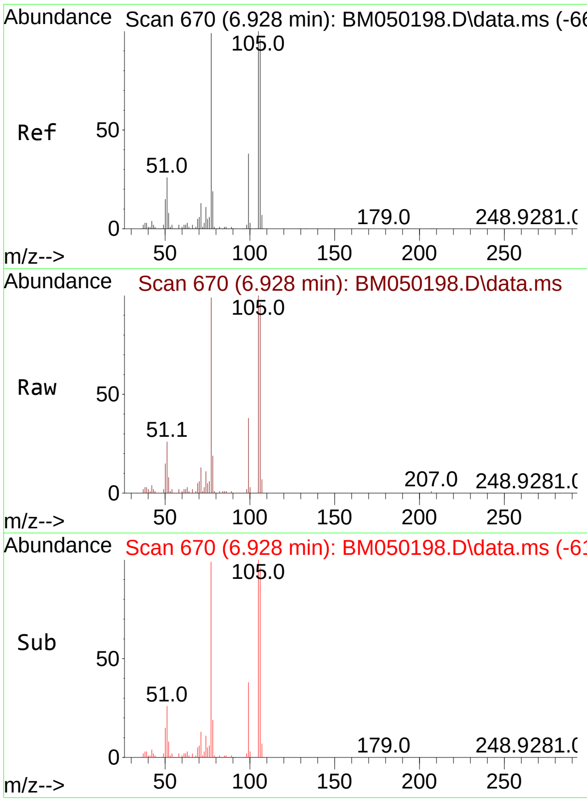

#9
Benzaldehyde
Concen: 35.003 ng
RT: 6.928 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 542319

Ion	Ratio	Lower	Upper
77	100		
105	100.9	80.9	120.9
106	97.1	77.1	117.1

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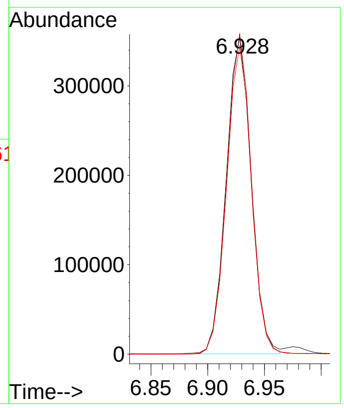
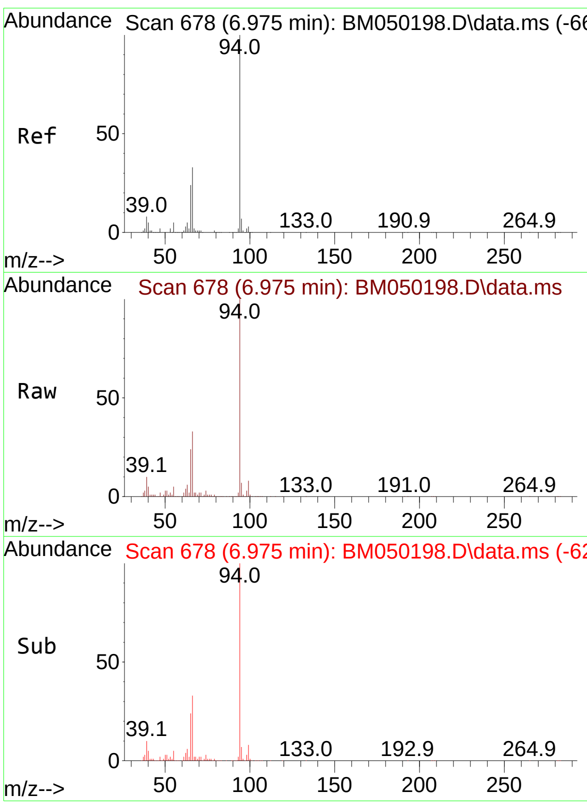
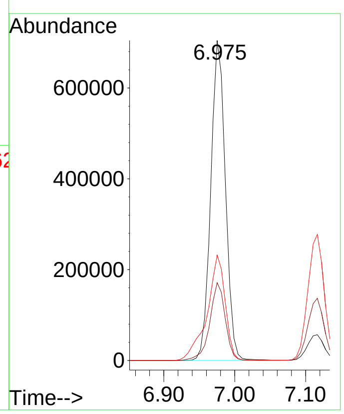




#10
Phenol
Concen: 39.380 ng
RT: 6.975 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion: 94 Resp: 1015393

Ion	Ratio	Lower	Upper
94	100		
65	24.3	4.3	44.3
66	32.9	12.9	52.9



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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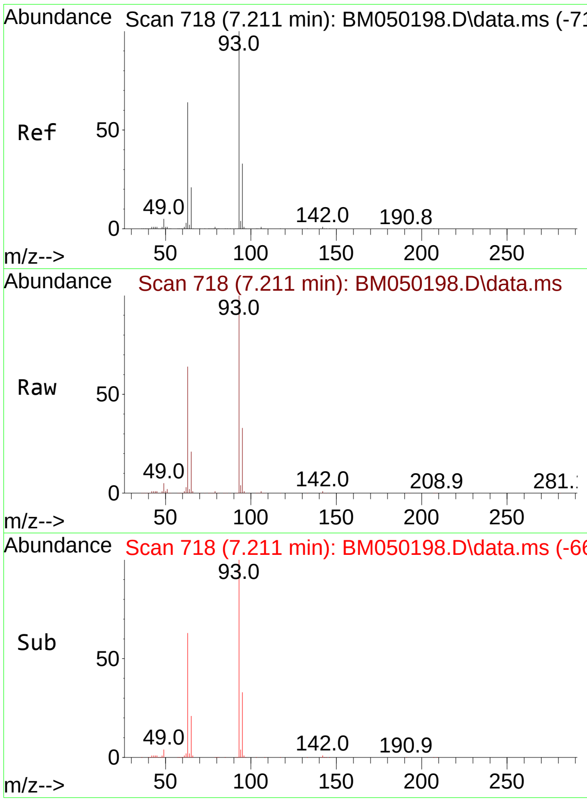
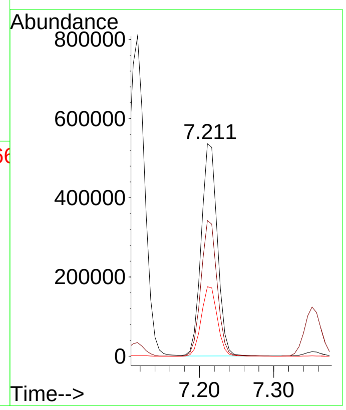
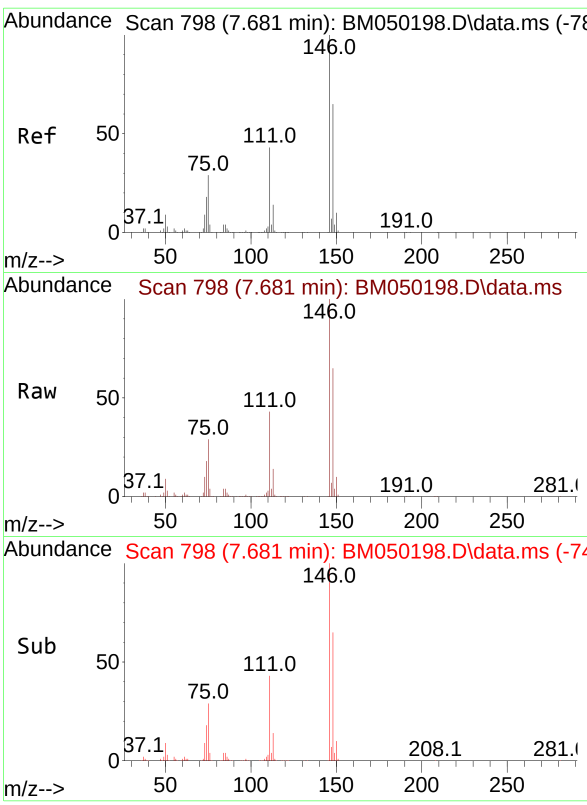


#11
bis(2-Chloroethyl)ether
Concen: 39.155 ng
RT: 7.211 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion: 93 Resp: 81204

Ion	Ratio	Lower	Upper
93	100		
63	63.9	43.9	83.9
95	32.7	12.7	52.7

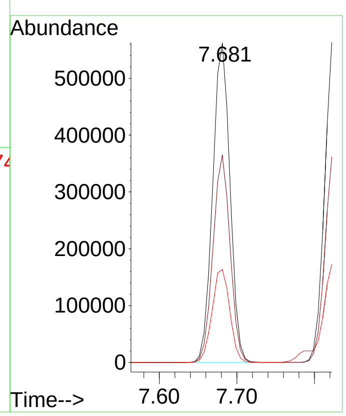




#12
1,3-Dichlorobenzene
Concen: 38.301 ng
RT: 7.681 min Scan# 798
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:146 Resp: 871882

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	29.2	23.4	35.0



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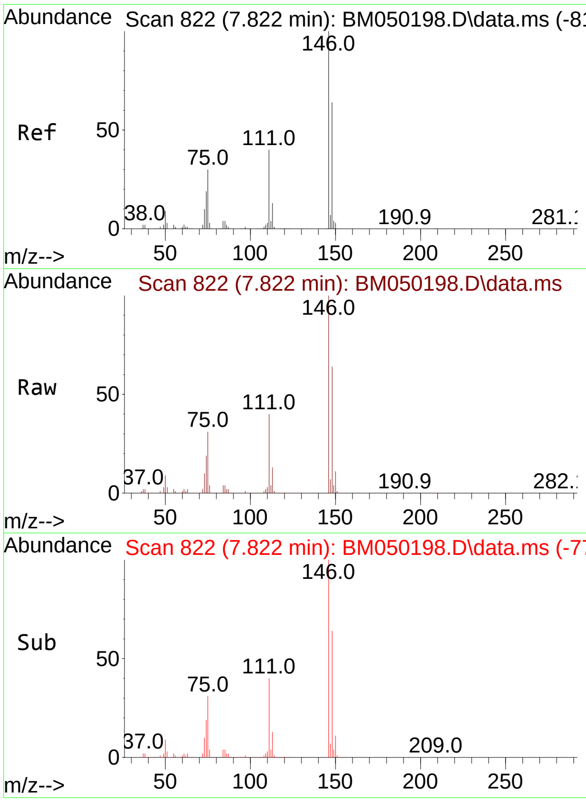

#13
1,4-Dichlorobenzene
Concen: 37.813 ng
RT: 7.822 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 89558

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	40.4	32.3	48.5

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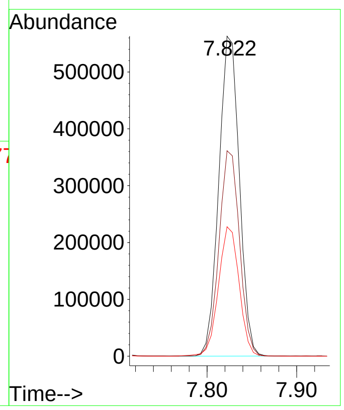
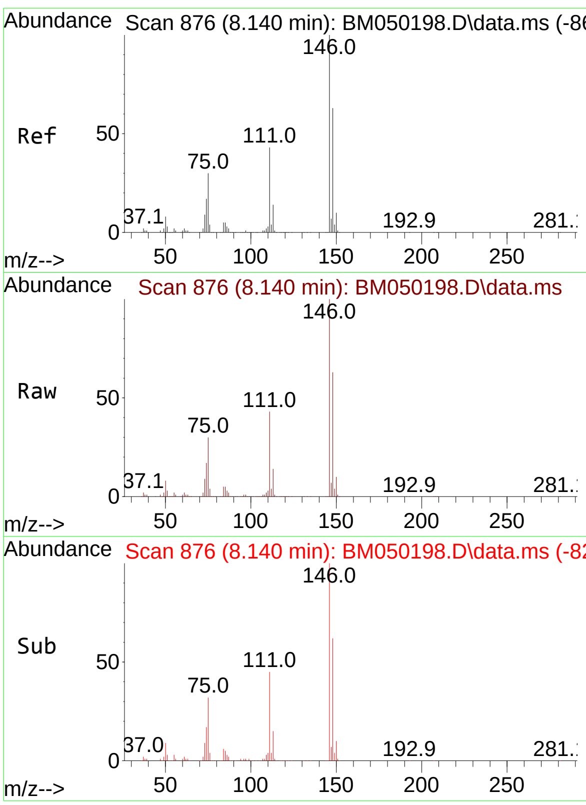
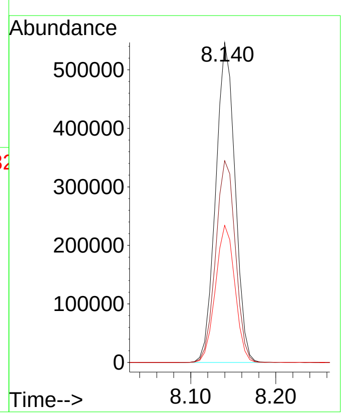




#14
1,2-Dichlorobenzene
Concen: 38.353 ng
RT: 8.140 min Scan# 876
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:146 Resp: 865951

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	42.9	34.3	51.5



ICAL Form

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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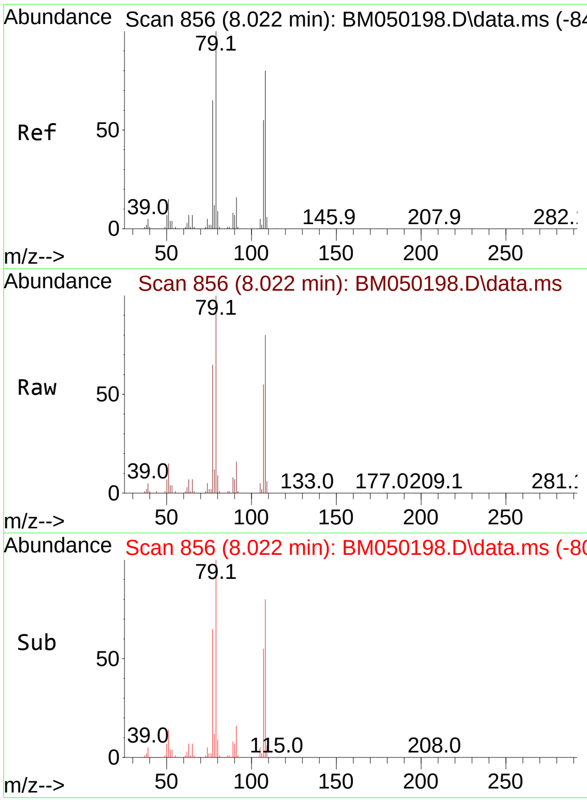
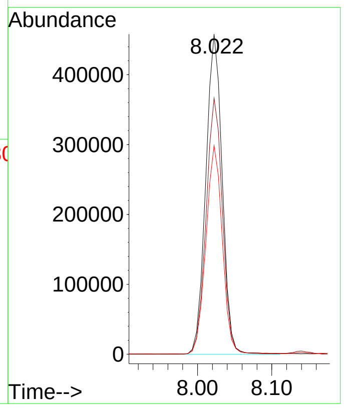
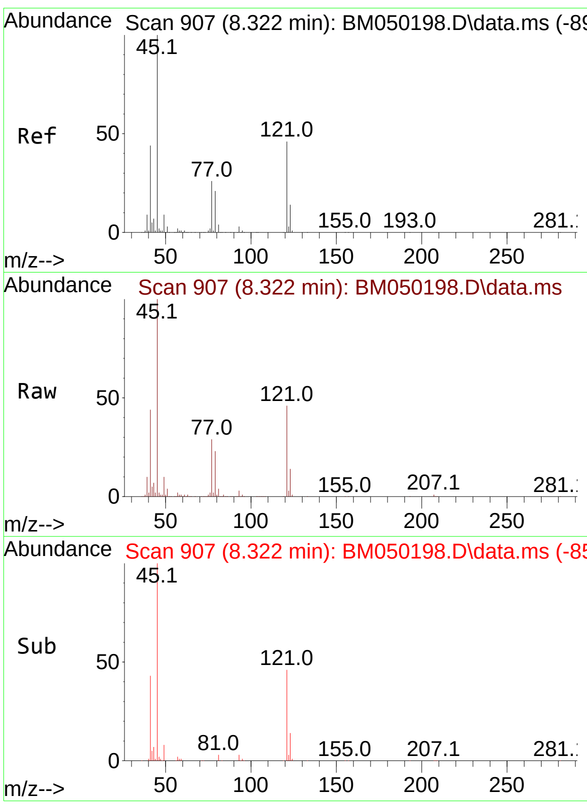


#15
Benzyl Alcohol
Concen: 40.536 ng
RT: 8.022 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion: 79 Resp: 70455

Ion	Ratio	Lower	Upper
79	100		
108	80.0	64.0	96.0
77	65.2	52.2	78.2

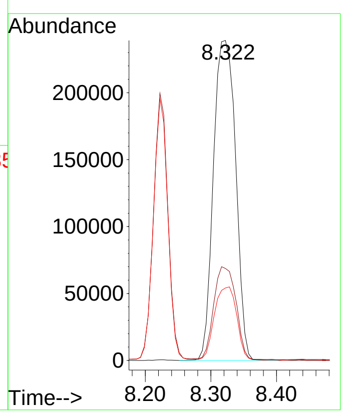


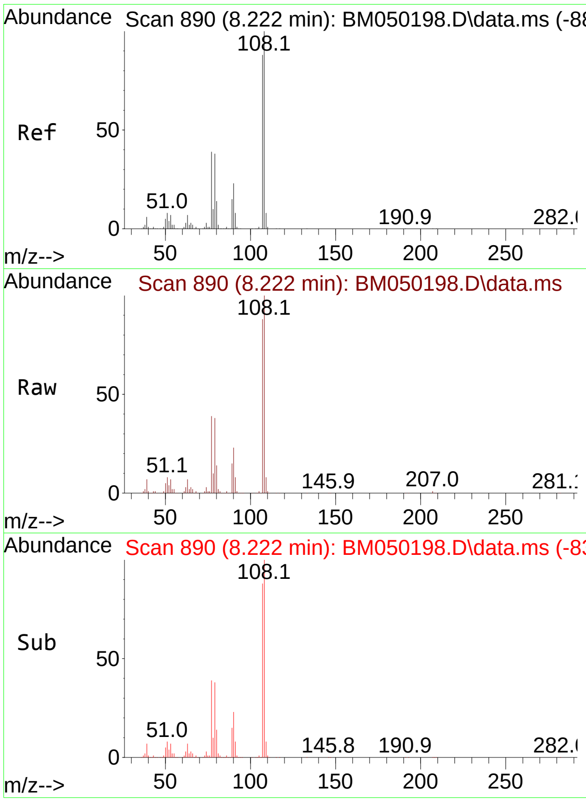


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.982 ng
RT: 8.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion: 45 Resp: 561618

Ion	Ratio	Lower	Upper
45	100		
77	28.7	8.7	48.7
79	22.7	2.7	42.7





#17
2-Methylphenol
Concen: 40.220 ng
RT: 8.222 min Scan# 89
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 68426(

Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.8	136.2
77	44.6	35.7	53.5
79	43.7	35.0	52.4

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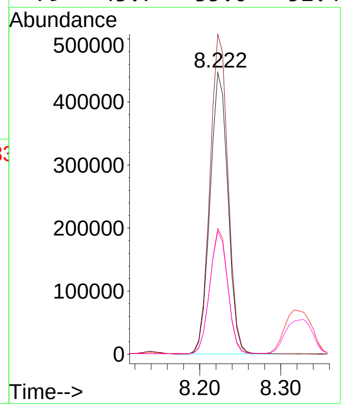
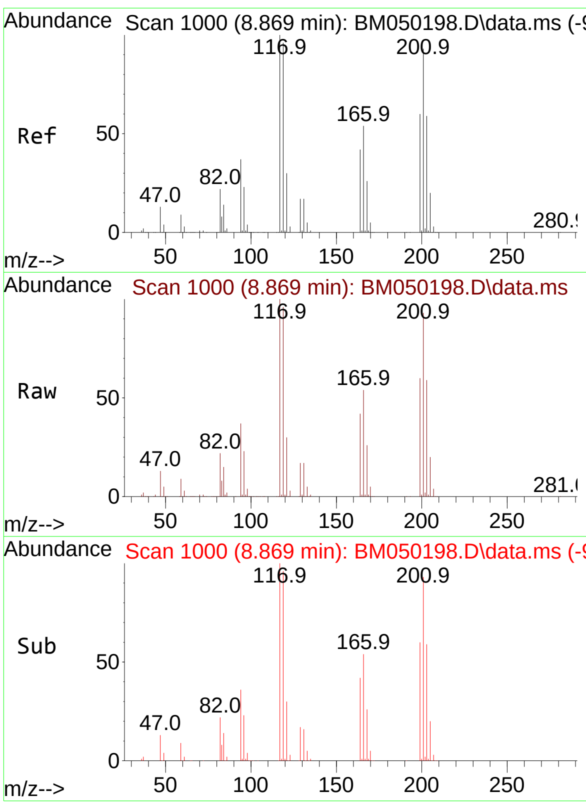
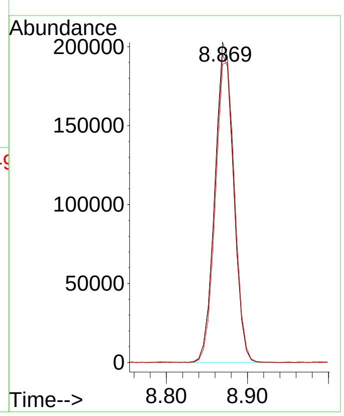




#18
Hexachloroethane
Concen: 38.374 ng
RT: 8.869 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:117 Resp: 329145

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.6
201	93.2	74.6	111.8



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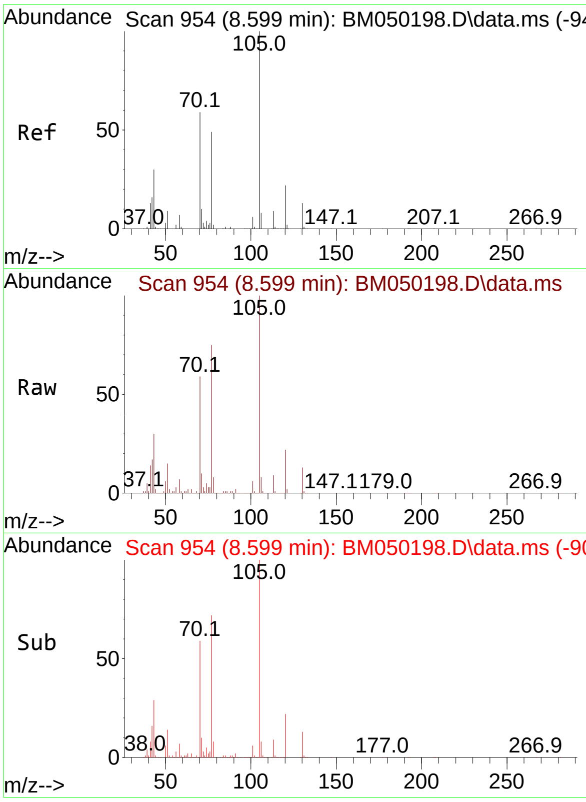

#19
n-Nitroso-di-n-propylamine
Concen: 41.468 ng
RT: 8.599 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 61839

Ion	Ratio	Lower	Upper
70	100		
42	28.2	22.6	33.8
101	10.4	8.3	12.5
130	21.8	17.4	26.2

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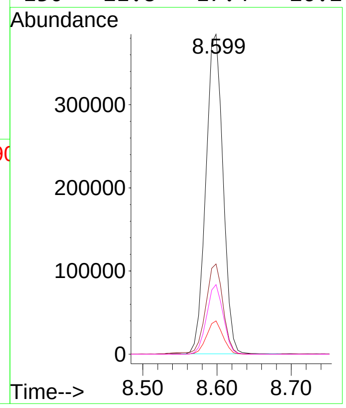
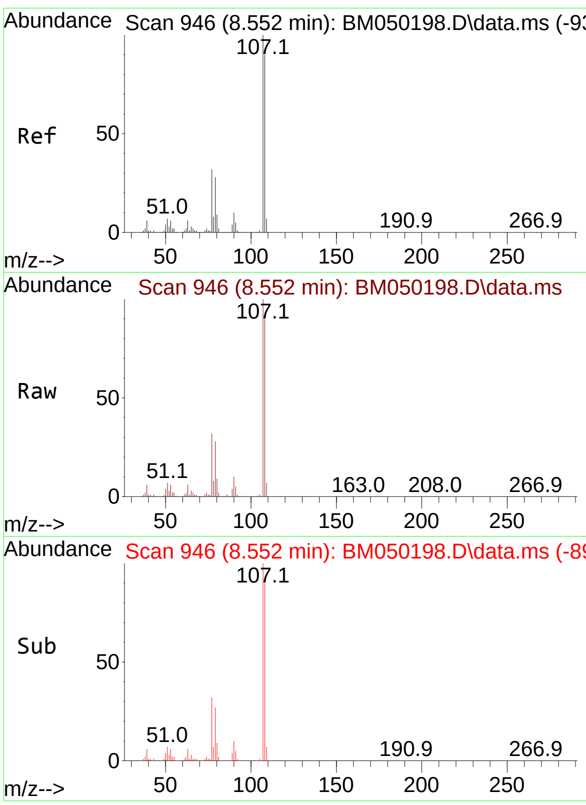
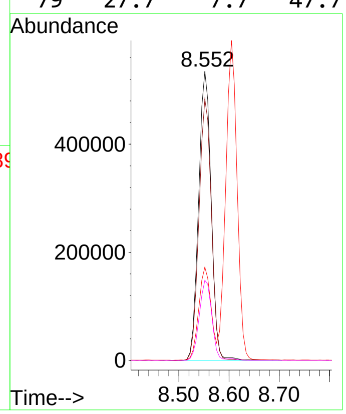




#20
3+4-Methylphenols
Concen: 40.948 ng
RT: 8.552 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:107 Resp: 932041

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.4	110.4
77	32.2	12.2	52.2
79	27.7	7.7	47.7



ICAL Form

Instrument : BNA_M
ClientSampleId : SSTDICCC040

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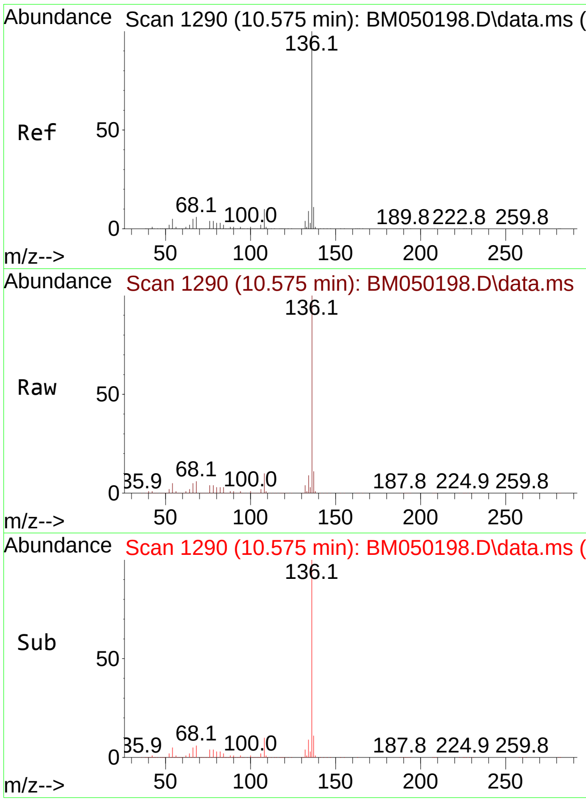
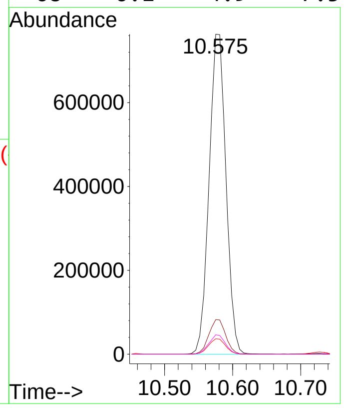
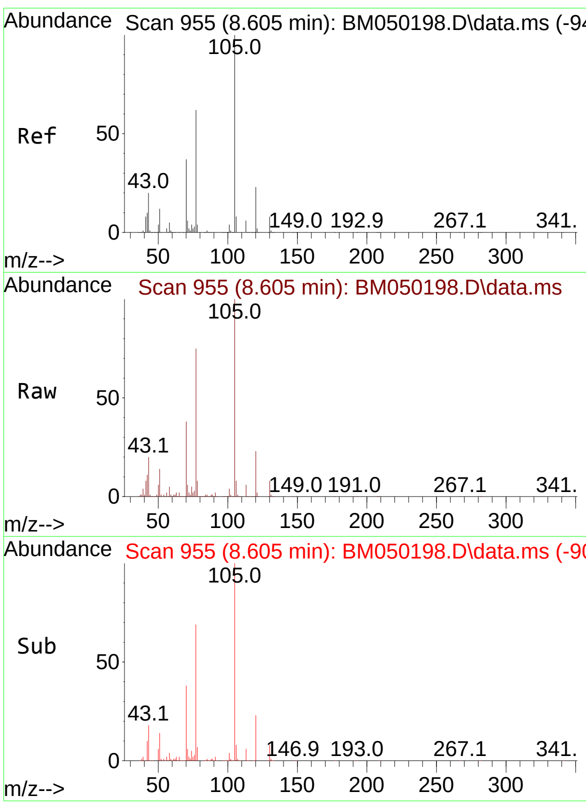


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:136 Resp: 131634

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.8	3.8	5.8
68	6.1	4.9	7.3

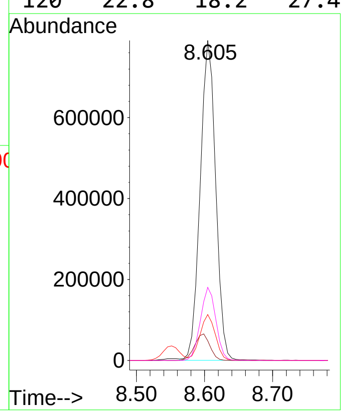




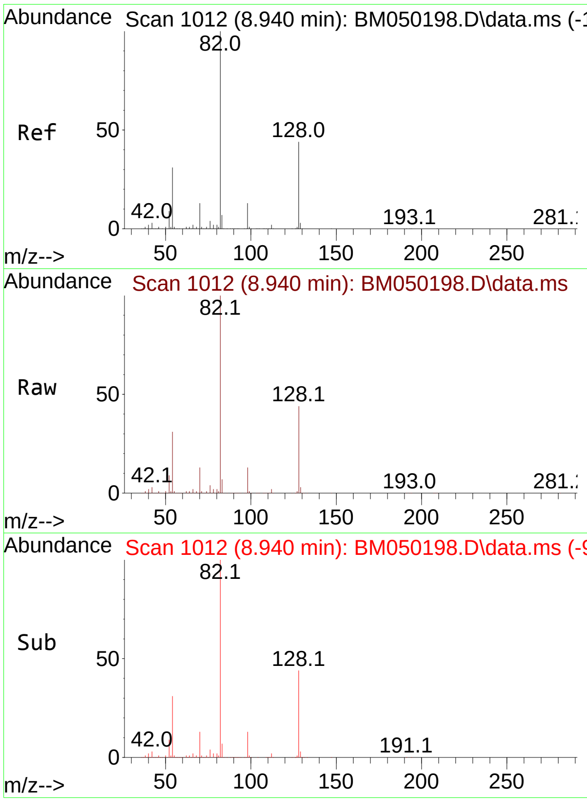
#22
Acetophenone
Concen: 38.094 ng
RT: 8.605 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:105 Resp: 1252780

Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.0	7.4
51	14.3	11.4	17.2
120	22.8	18.2	27.4



ICAL Form



#23
Nitrobenzene-d5
Concen: 78.422 ng
RT: 8.940 min   Scan# 10
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025   11:57

Tgt Ion: 82 Resp: 198490

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	30.6	24.5	36.7

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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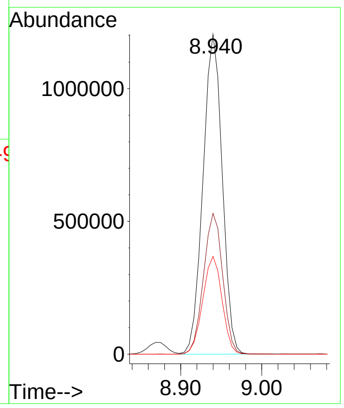
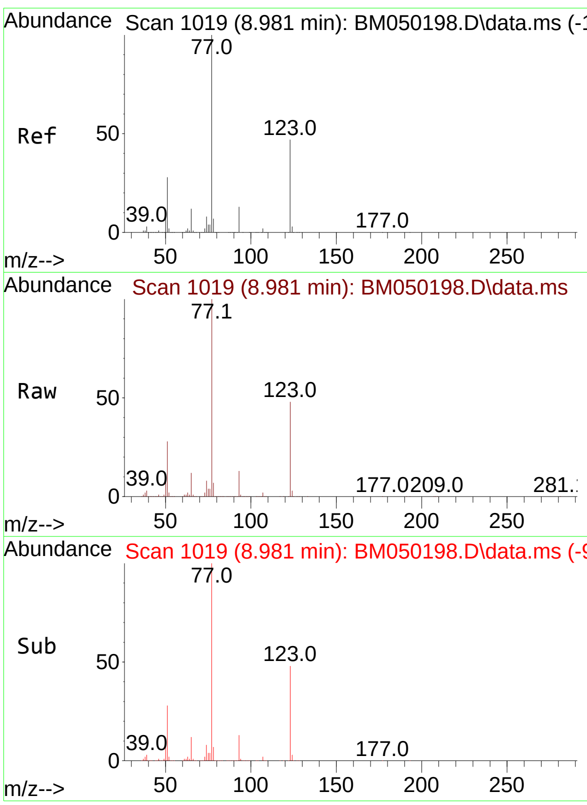
Reviewed By :Rahul Chavli   06/05/2025
Supervised By :Jagrut Upadhyay   06/06/2025

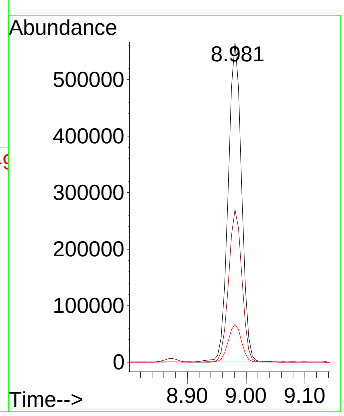




#24
Nitrobenzene
Concen: 38.820 ng
RT: 8.981 min   Scan# 1019
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025   11:57

Tgt Ion: 77 Resp: 893607

Ion	Ratio	Lower	Upper
77	100		
123	47.7	38.2	57.2
65	11.9	9.5	14.3



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Instrument :
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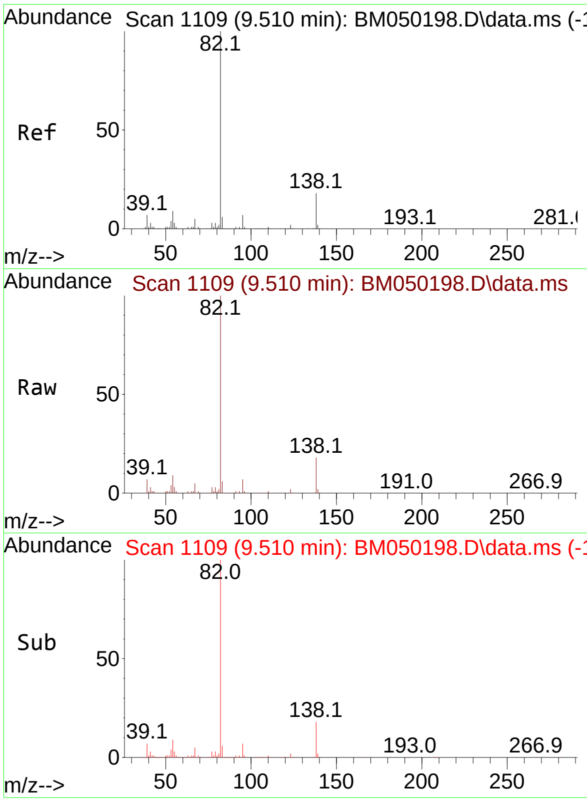
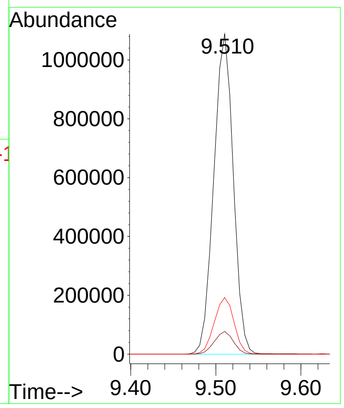
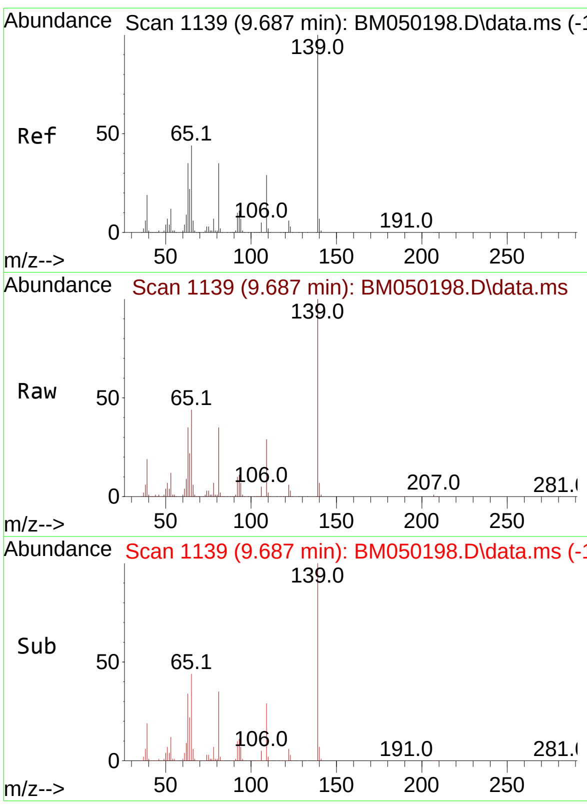
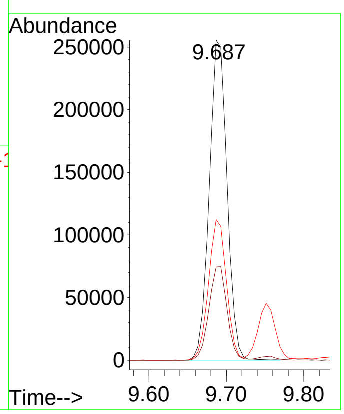



```
#25
Isophorone
Concen:   39.724 ng
RT:    9.510 min  Scan# 11
Delta R.T.  0.000 min
Lab File:   BM050198.D
Acq: 05 Jun 2025  11:57

Tgt Ion: 82 Resp: 173537
Ion  Ratio  Lower  Upper
 82  100
 95    7.1    5.7    8.5
138   17.7   14.2   21.2
```






```
#26
2-Nitrophenol
Concen:   41.055 ng
RT:    9.687 min  Scan# 1139
Delta R.T.  0.000 min
Lab File:   BM050198.D
Acq: 05 Jun 2025  11:57

Tgt Ion:139 Resp:  407943
Ion  Ratio  Lower  Upper
139  100
109   29.1   23.3   34.9
 65   44.0   35.2   52.8
```



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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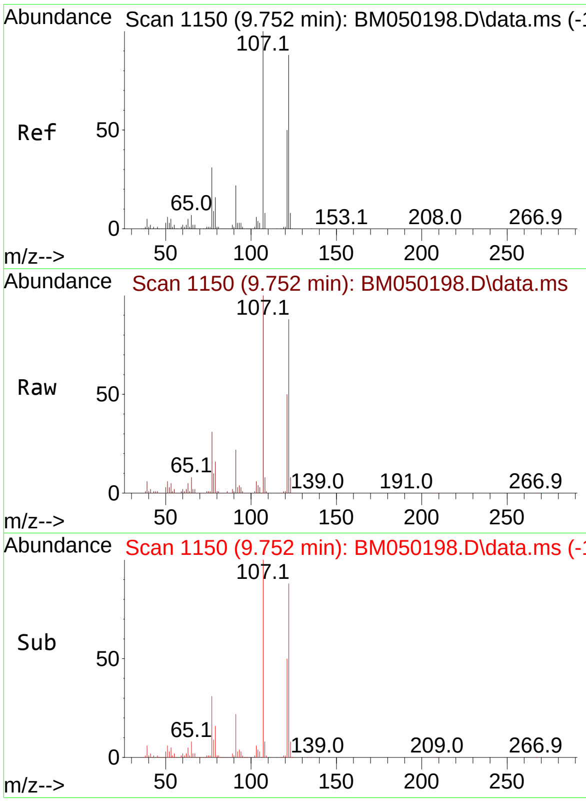
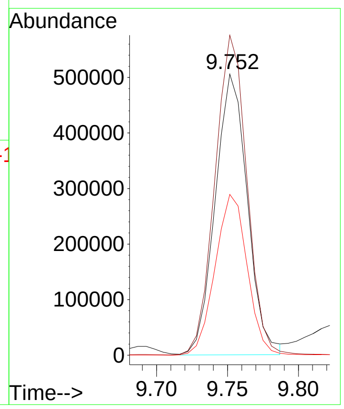
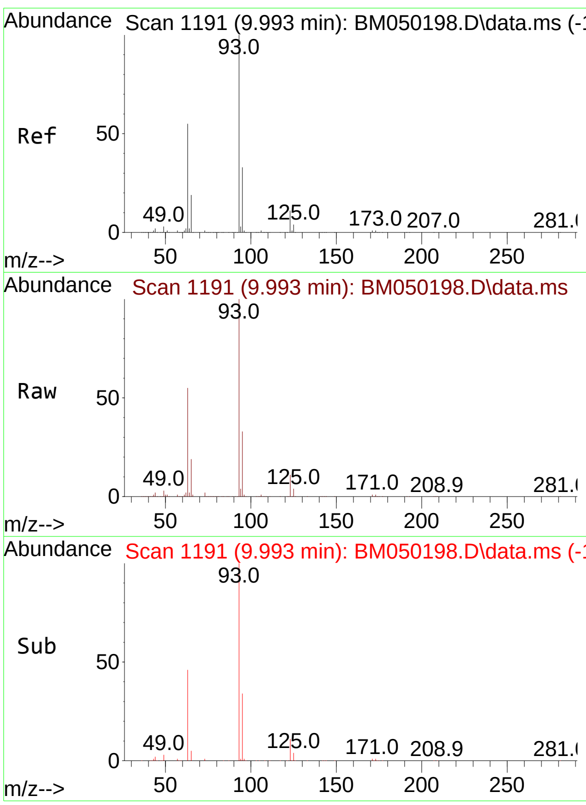
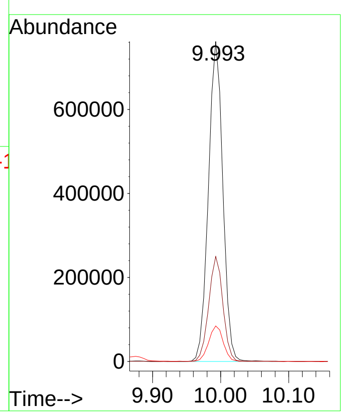



```
#27
2,4-Dimethylphenol
Concen:   39.057 ng
RT:    9.752 min   Scan# 1
Delta R.T.   0.000 min
Lab File:    BM050198.D
Acq: 05 Jun 2025   11:57

Tgt Ion:122 Resp:  79814
Ion   Ratio   Lower   Upper
122   100
107   113.8    91.0   136.6
121    57.2    45.8    68.6
```






```
#28
bis(2-Chloroethoxy)methane
Concen:   39.371 ng
RT:    9.993 min   Scan# 1191
Delta R.T.   0.000 min
Lab File:    BM050198.D
Acq: 05 Jun 2025   11:57

Tgt Ion: 93 Resp: 1123606
Ion   Ratio   Lower   Upper
 93   100
 95    32.8    26.2    39.4
123    11.1     8.9    13.3
```



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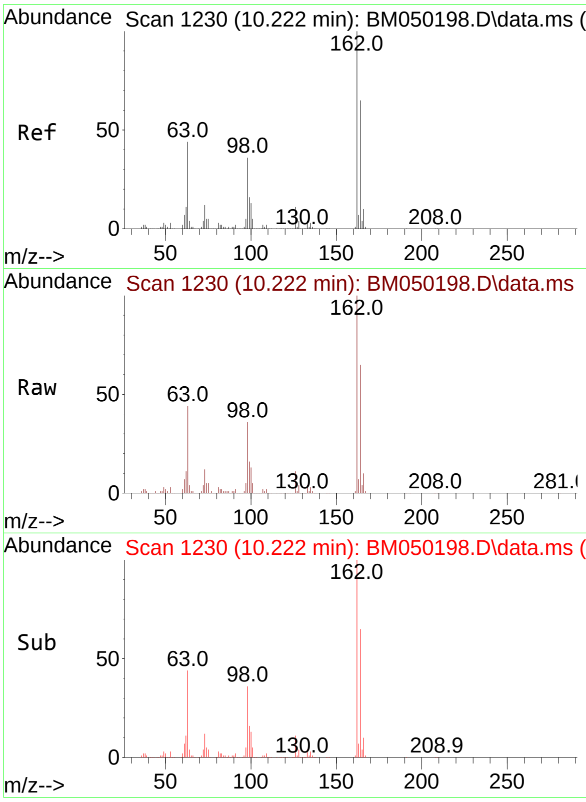

#29
2,4-Dichlorophenol
Concen: 39.853 ng
RT: 10.222 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:162 Resp: 75294

Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.0	85.0
98	36.3	16.3	56.3

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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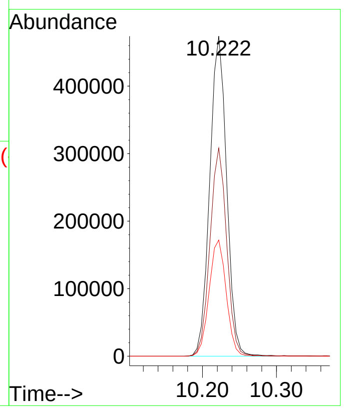
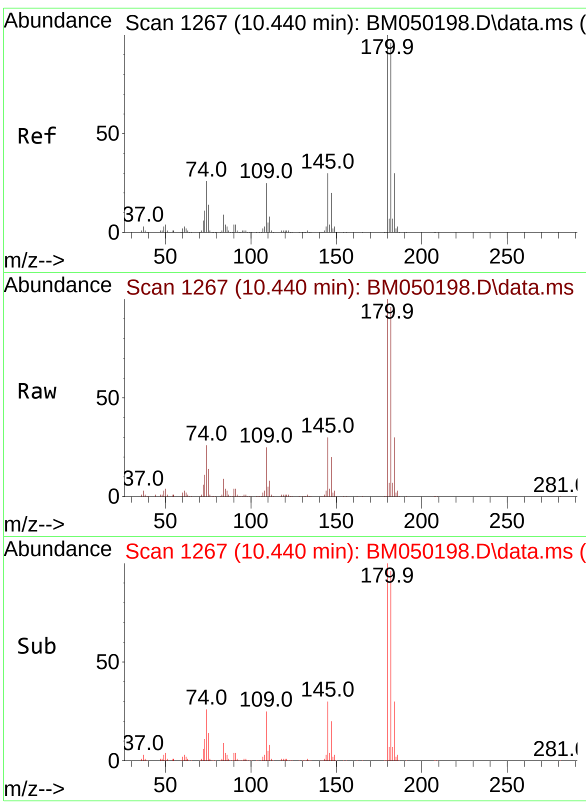
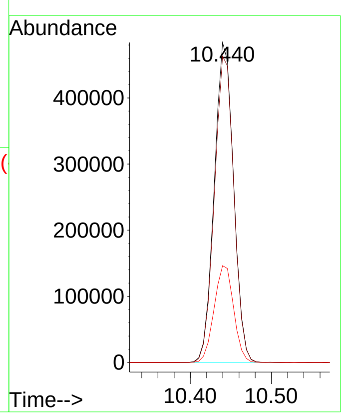


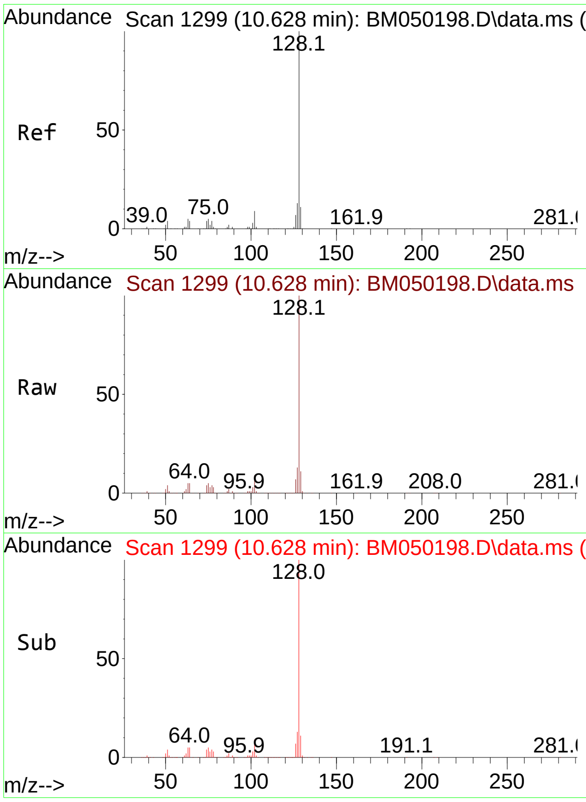


#30
1,2,4-Trichlorobenzene
Concen: 38.227 ng
RT: 10.440 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:180 Resp: 803693

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	30.3	24.2	36.4





#31
Naphthalene
Concen: 37.788 ng
RT: 10.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 257180

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	12.8	10.2	15.4

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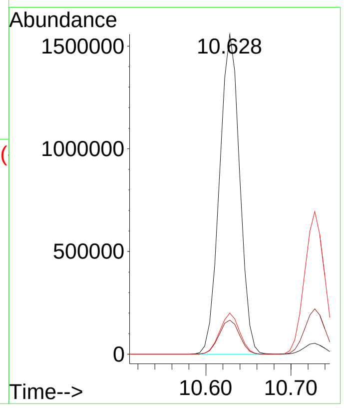
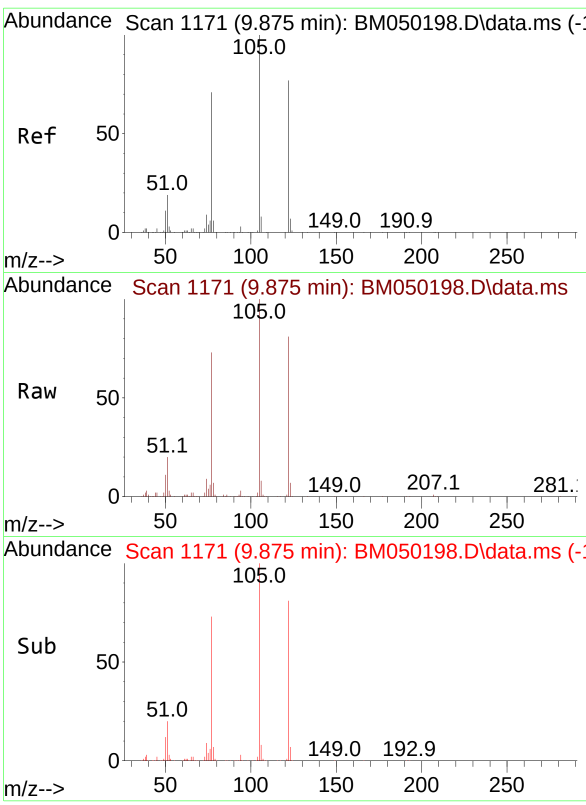
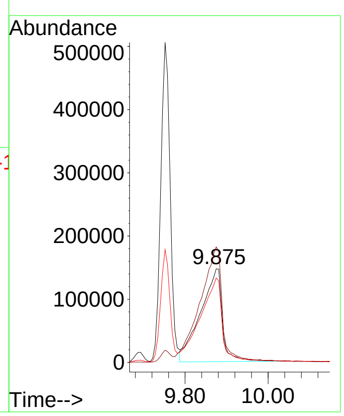




#32
Benzoic acid
Concen: 41.942 ng
RT: 9.875 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:122 Resp: 538152

Ion	Ratio	Lower	Upper
122	100		
105	123.4	103.4	143.4
77	90.3	70.3	110.3



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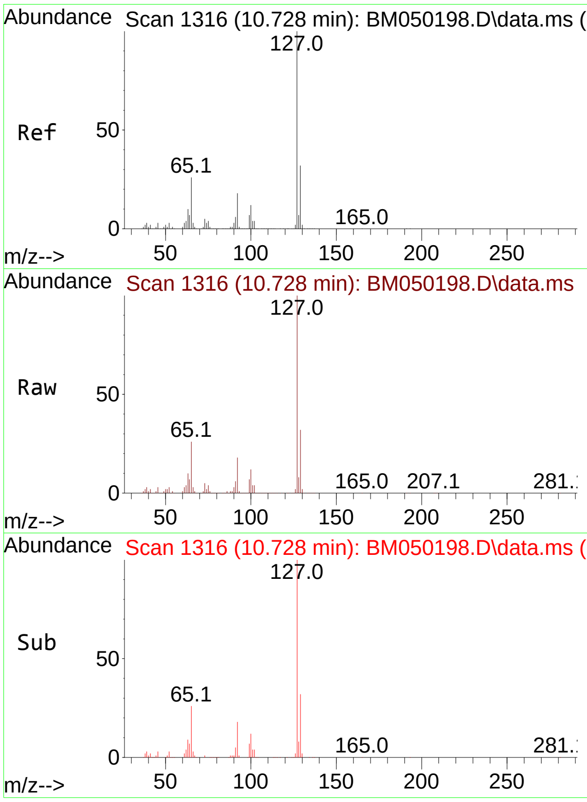

#33
4-Chloroaniline
Concen: 39.273 ng
RT: 10.728 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 113954

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.0
65	26.2	21.0	31.4
92	18.5	14.8	22.2

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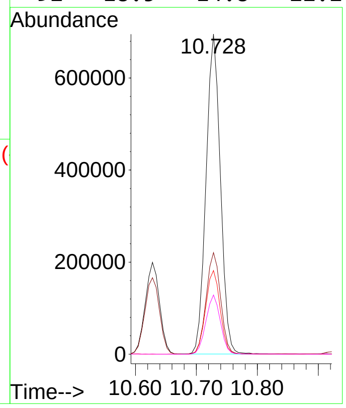
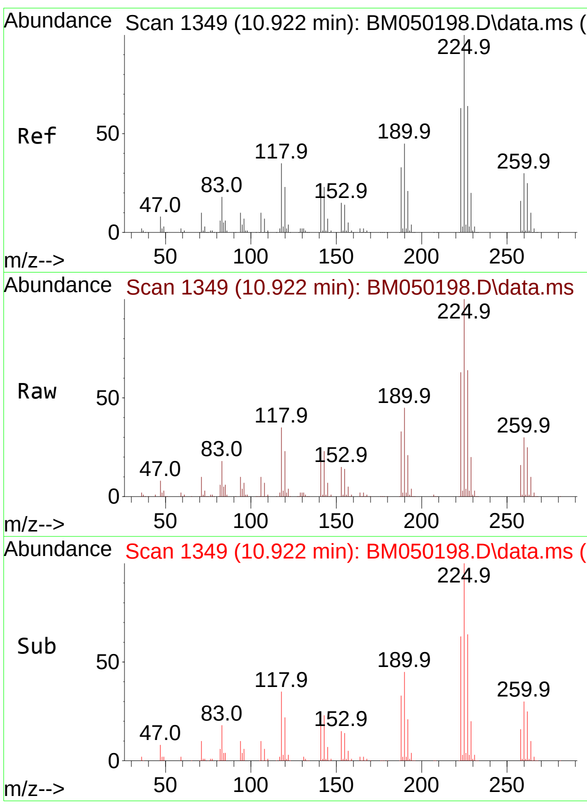
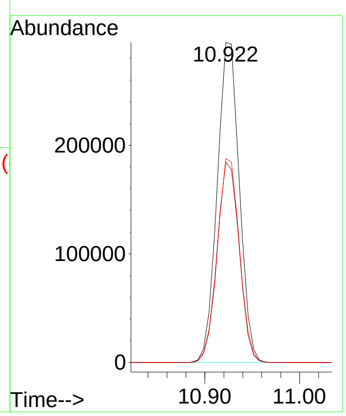




#34
Hexachlorobutadiene
Concen: 38.406 ng
RT: 10.922 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:225 Resp: 480290

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.7	51.0	76.4



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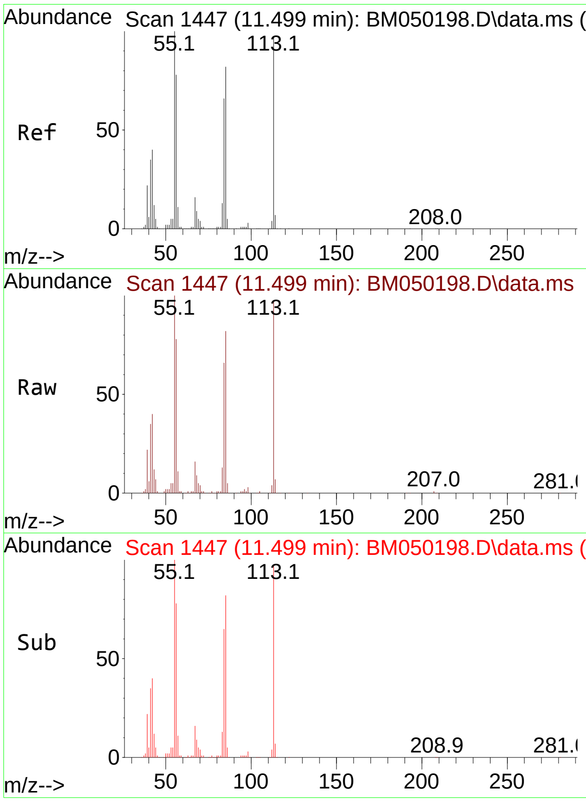

#35
Caprolactam
Concen: 42.805 ng
RT: 11.499 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:113 Resp: 25639

Ion	Ratio	Lower	Upper
113	100		
55	103.5	83.5	123.5
56	80.6	60.6	100.6

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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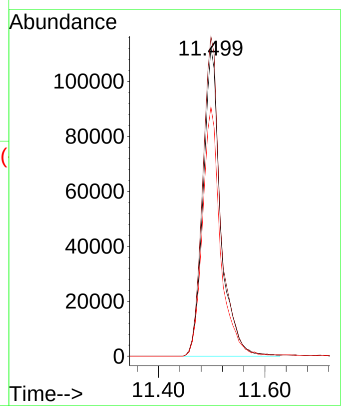
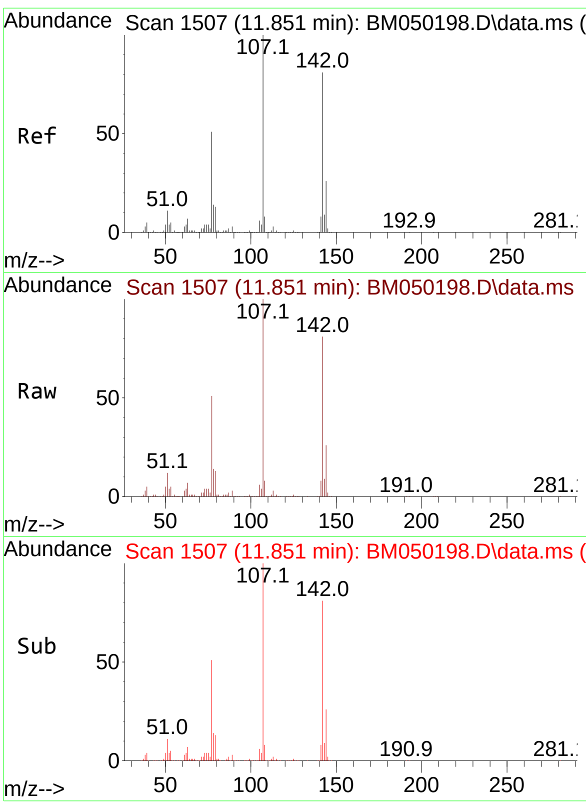
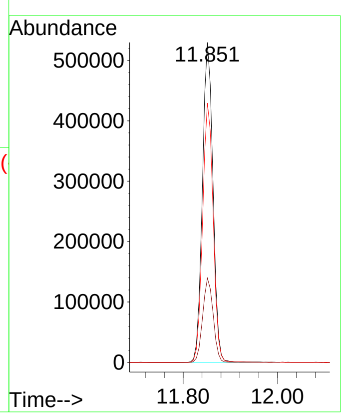


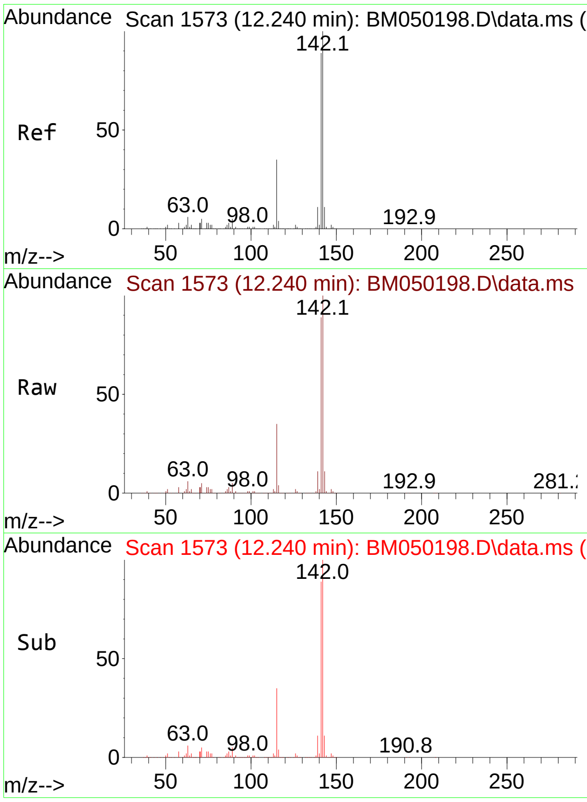


#36
4-Chloro-3-methylphenol
Concen: 40.906 ng
RT: 11.851 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:107 Resp: 824664

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.0	31.6
142	81.0	64.8	97.2





#37
2-Methylnaphthalene
Concen: 39.456 ng
RT: 12.240 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 161999

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3
115	34.8	27.8	41.8

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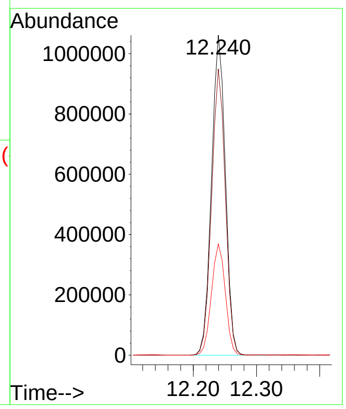
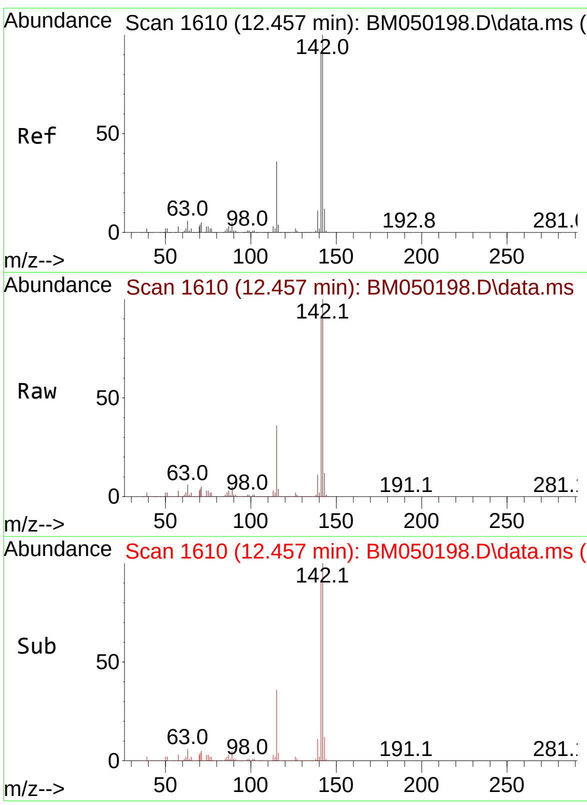
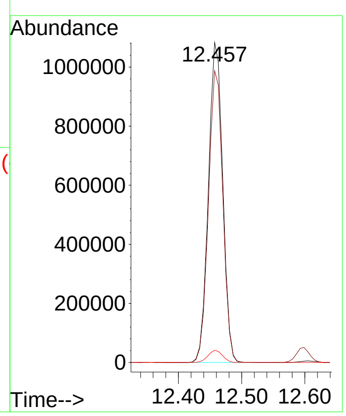




#38
1-Methylnaphthalene
Concen: 39.210 ng
RT: 12.457 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:142 Resp: 1708673

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.9	109.3
116	3.8	3.0	4.6



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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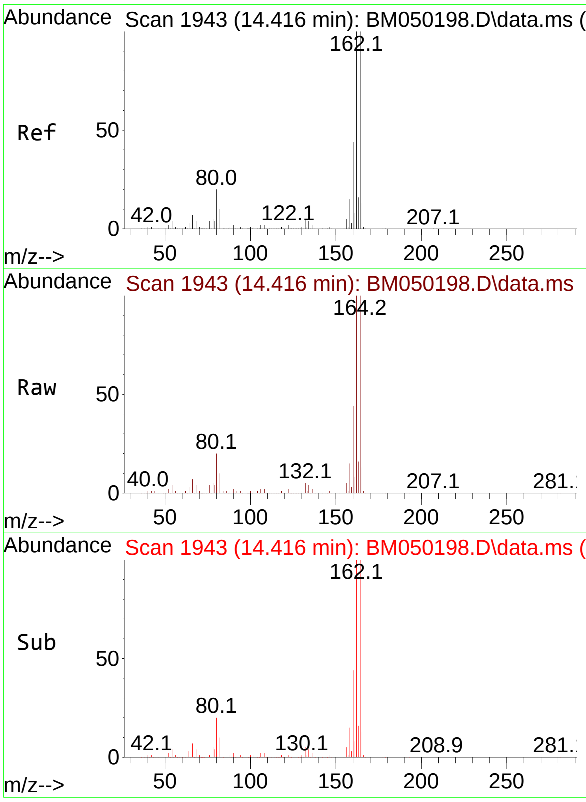
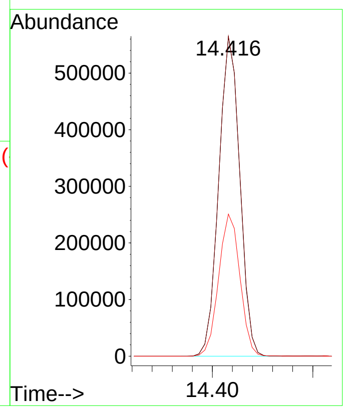
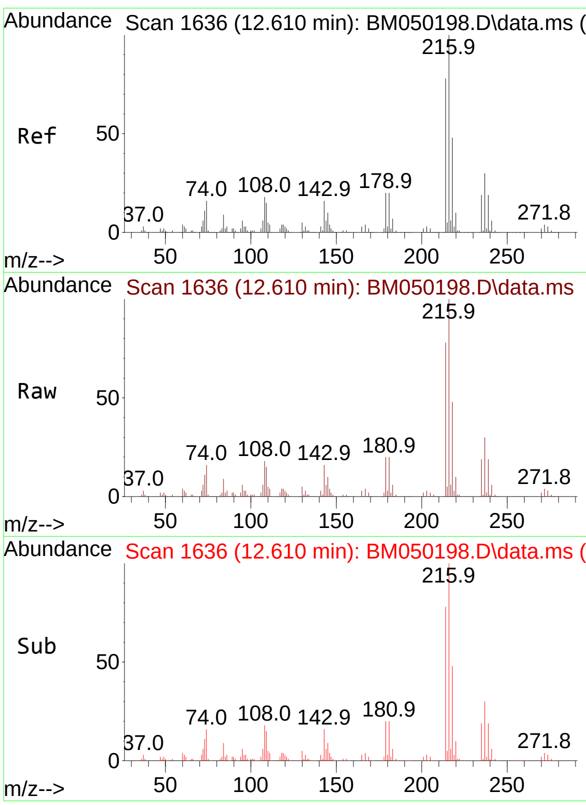
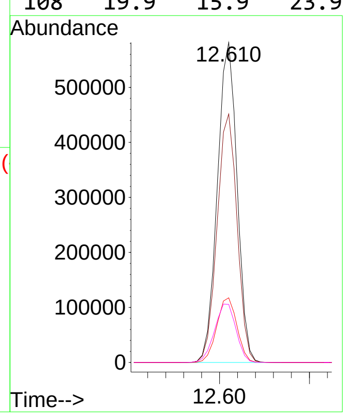



```
#39
Acenaphthene-d10
Concen:   20.000 ng
RT:  14.416 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BM050198.D
Acq: 05 Jun 2025  11:57

Tgt Ion:164 Resp:  81903
Ion  Ratio  Lower  Upper
164  100
162  100.3   80.2  120.4
160   44.6   35.7   53.5
```






```
#40
1,2,4,5-Tetrachlorobenzene
Concen:   37.472 ng
RT:  12.610 min  Scan# 1636
Delta R.T.  0.000 min
Lab File:   BM050198.D
Acq: 05 Jun 2025  11:57

Tgt Ion:216 Resp:  886232
Ion  Ratio  Lower  Upper
216  100
214   78.7   63.0   94.4
179   20.8   16.6   25.0
108   19.9   15.9   23.9
```



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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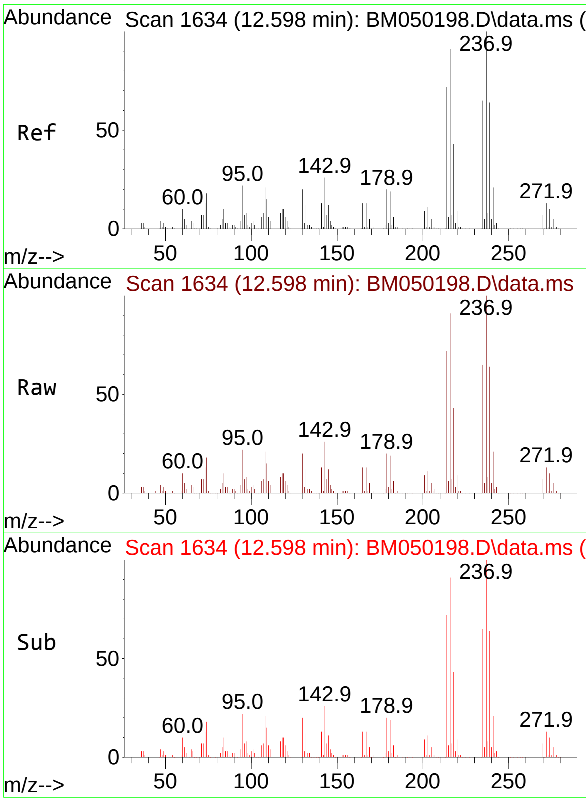
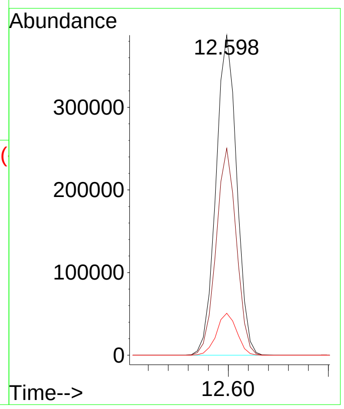
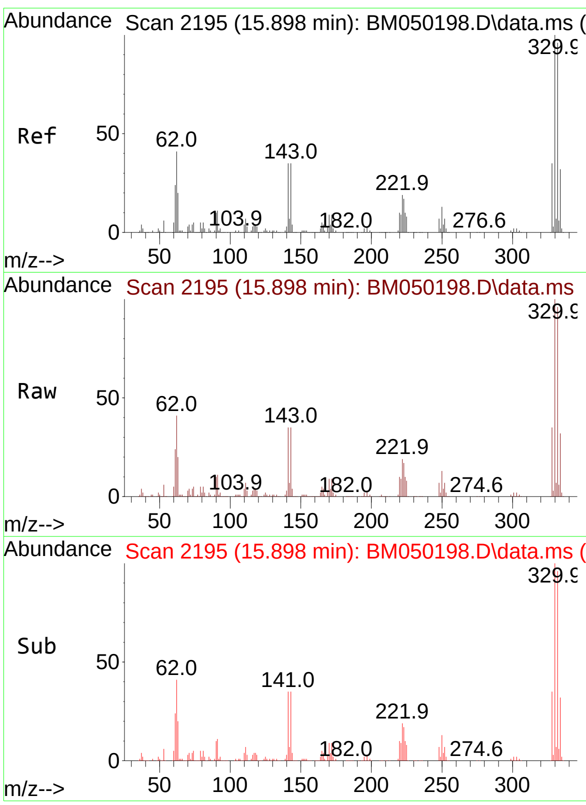


#41
Hexachlorocyclopentadiene
Concen: 38.910 ng
RT: 12.598 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:237 Resp: 55887

Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.6	84.6
272	13.1	0.0	33.1

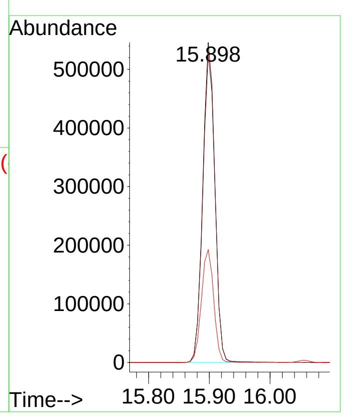


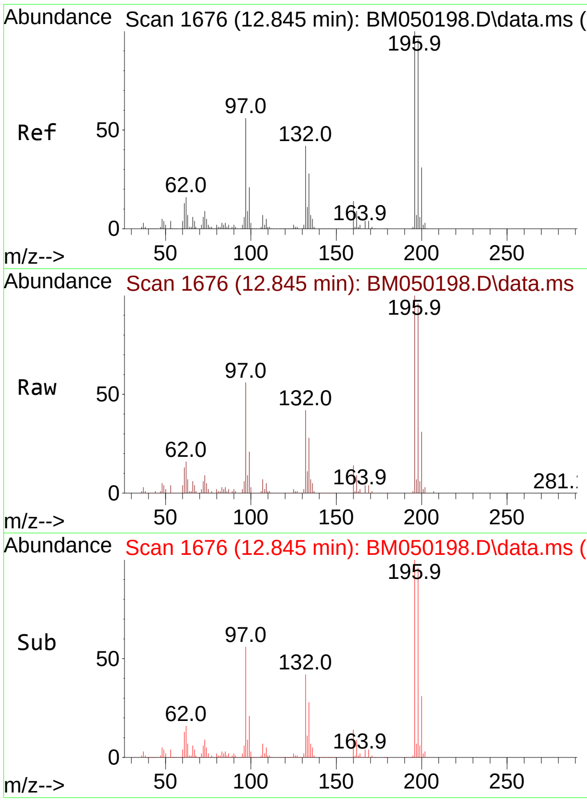


#42
2,4,6-Tribromophenol
Concen: 81.216 ng
RT: 15.898 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:330 Resp: 756605

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.5	116.3
141	36.0	28.8	43.2





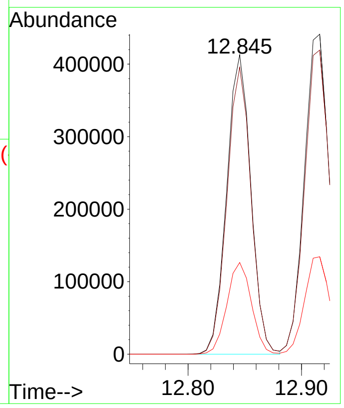
#43
2,4,6-Trichlorophenol
Concen: 39.450 ng
RT: 12.845 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

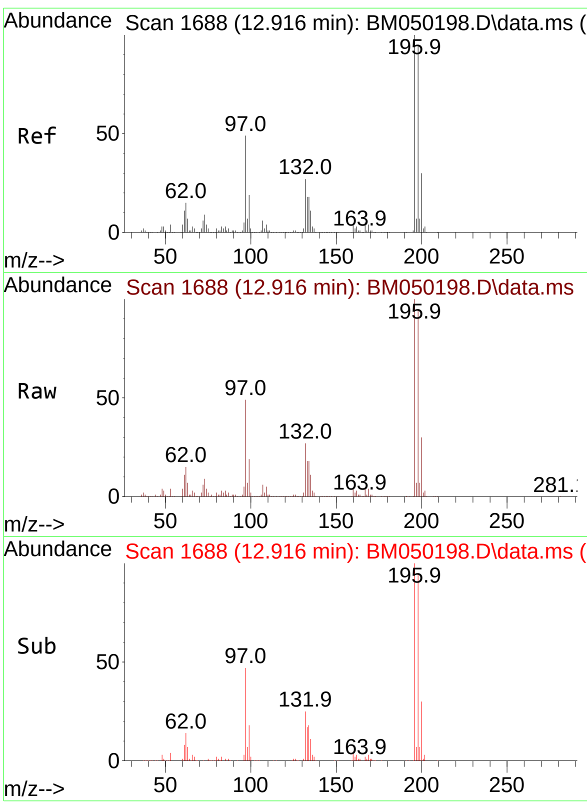
Tgt Ion:196 Resp: 613571

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
200	30.6	24.5	36.7

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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

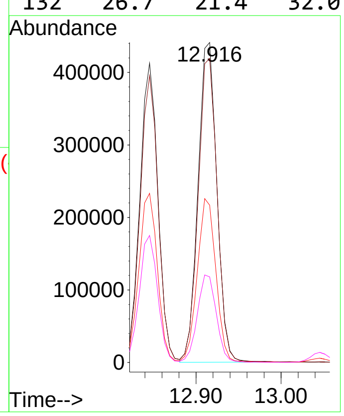




#44
2,4,5-Trichlorophenol
Concen: 39.736 ng
RT: 12.916 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:196 Resp: 678534

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.1	114.1
97	49.1	39.3	58.9
132	26.7	21.4	32.0



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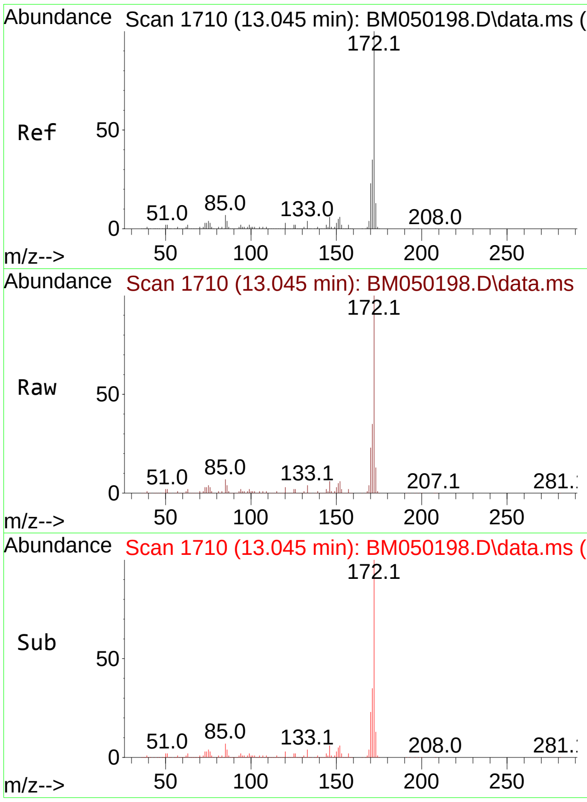

#45
2-Fluorobiphenyl
Concen: 74.564 ng
RT: 13.045 min Scan# 17
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 451086

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.2	18.6	27.8

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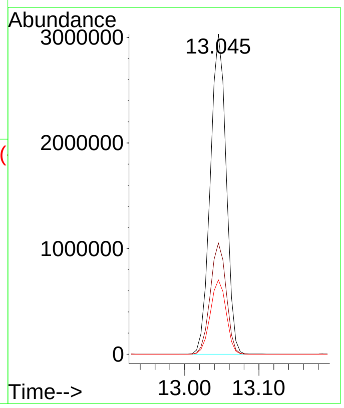
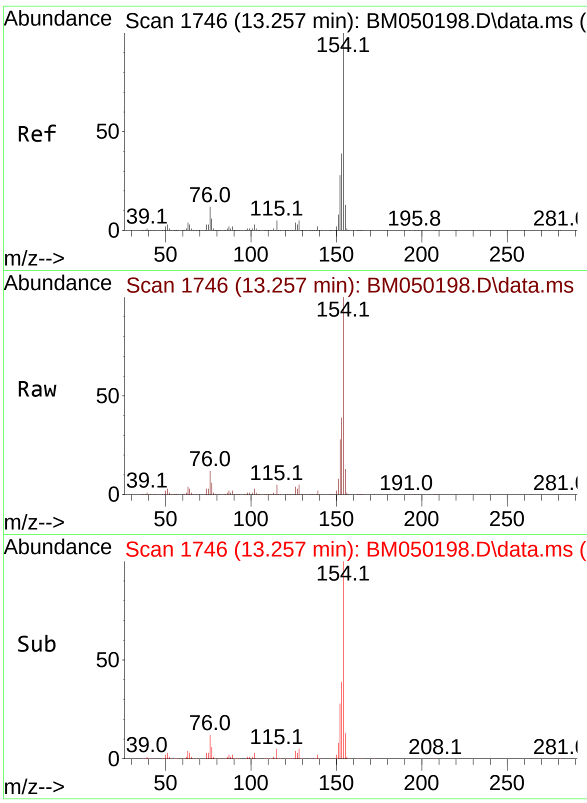
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

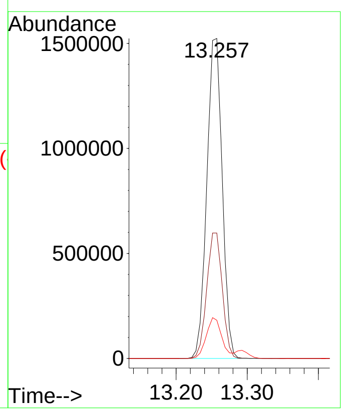




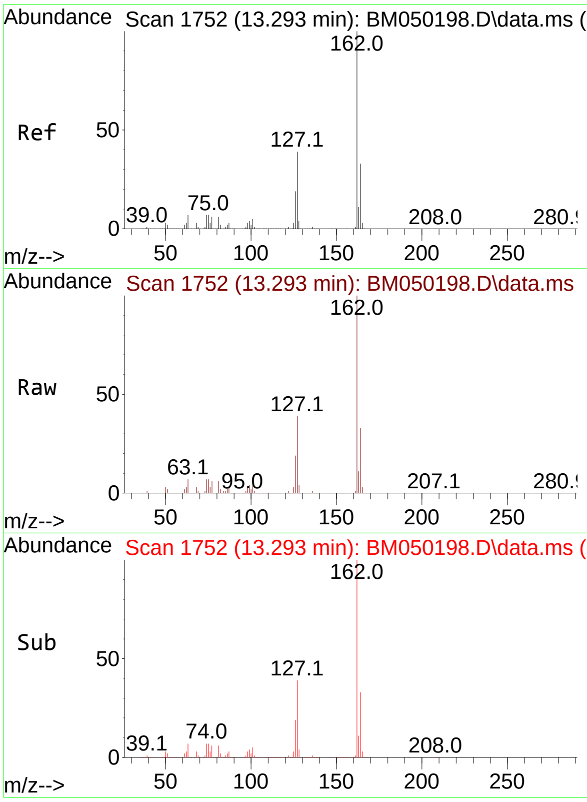
#46
1,1'-Biphenyl
Concen: 37.491 ng
RT: 13.257 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:154 Resp: 2299241

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.2	59.2
76	12.0	0.0	32.0



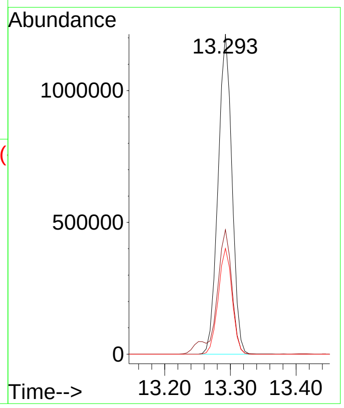
ICAL Form



#47
2-Chloronaphthalene
Concen: 37.239 ng
RT: 13.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:162 Resp: 1775515

Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.1	46.7
164	33.1	26.5	39.7



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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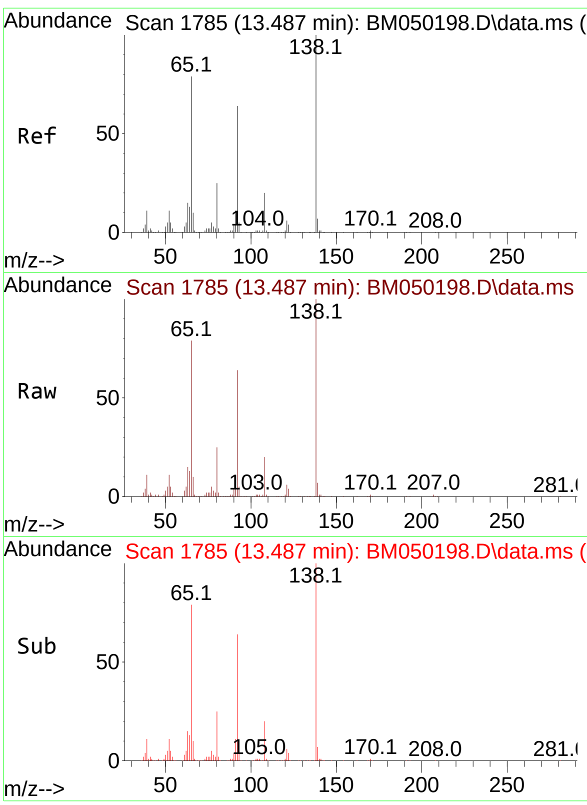
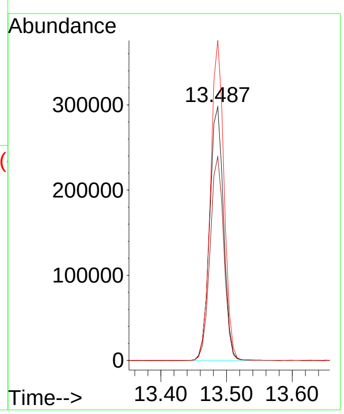


#48
2-Nitroaniline
Concen: 41.860 ng
RT: 13.487 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion: 65 Resp: 439212

Ion	Ratio	Lower	Upper
65	100		
92	80.3	64.2	96.4
138	126.2	101.0	151.4



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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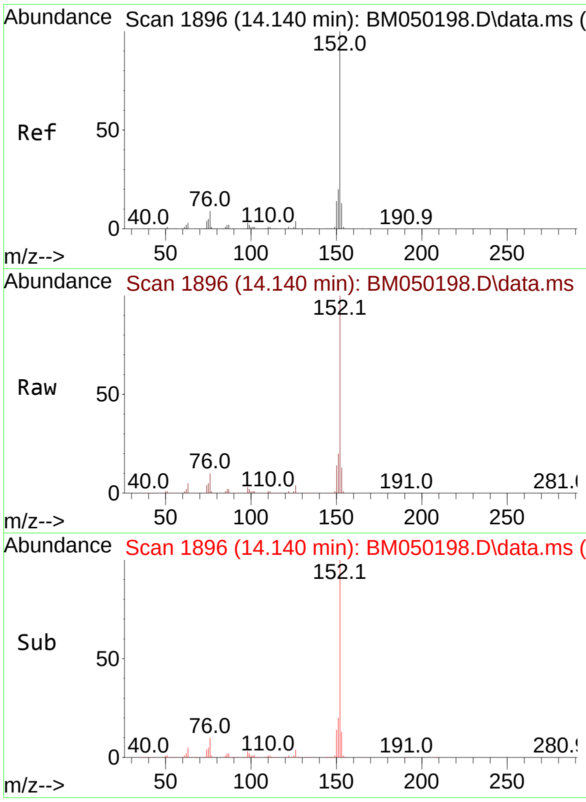
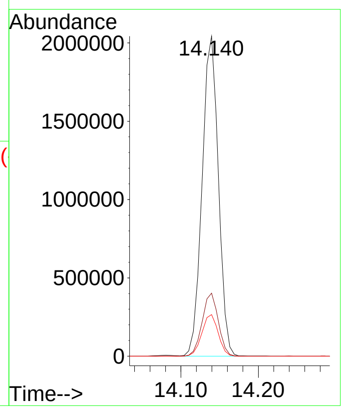
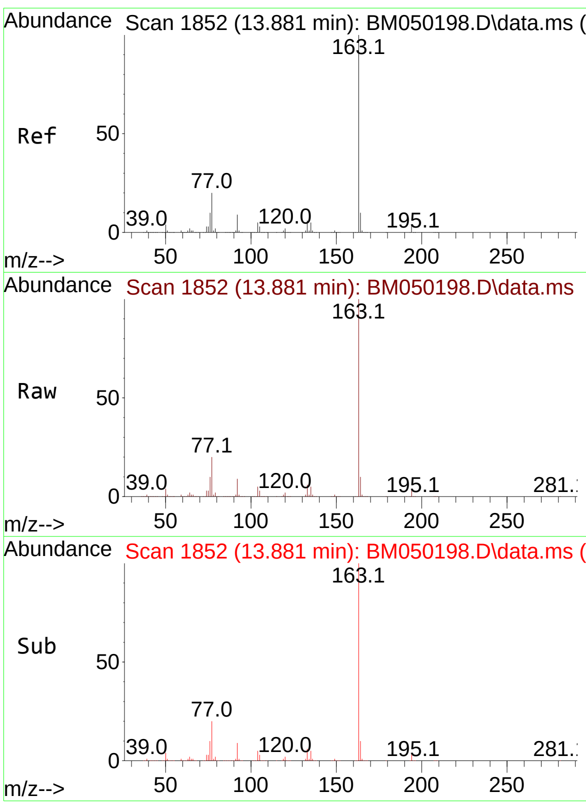


#49
Acenaphthylene
Concen: 38.640 ng
RT: 14.140 min Scan# 1!
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:152 Resp: 297984

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.4	15.6

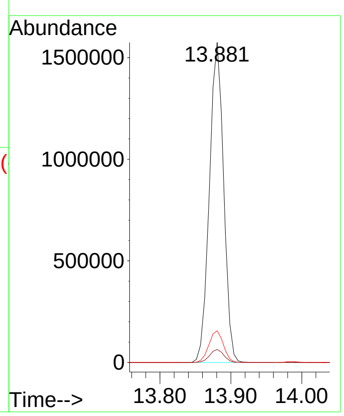




#50
Dimethylphthalate
Concen: 39.718 ng
RT: 13.881 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:163 Resp: 2200039

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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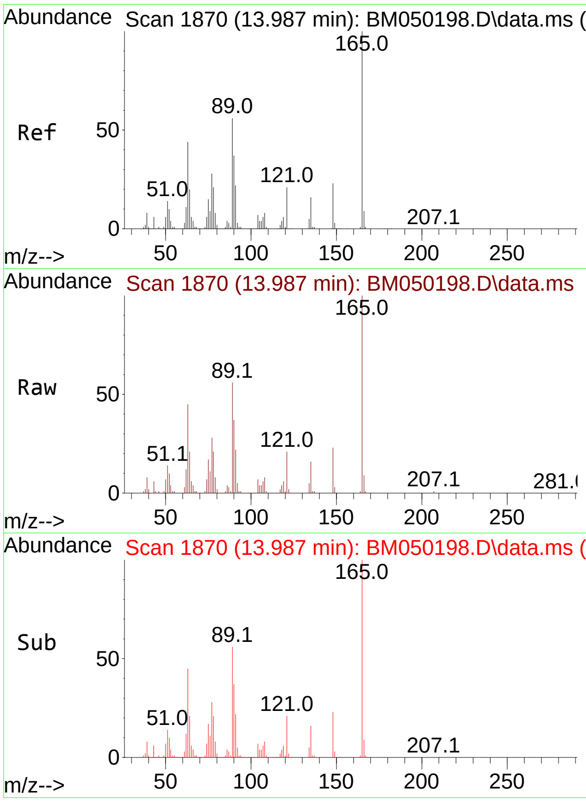
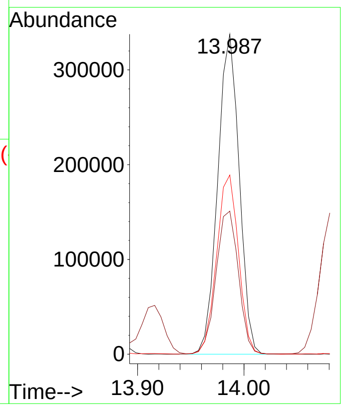
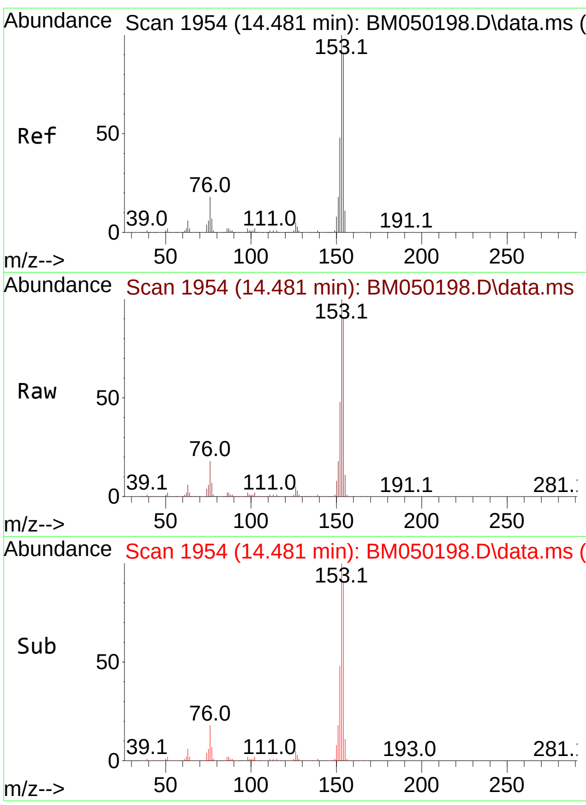


#51
2,6-Dinitrotoluene
Concen: 42.359 ng
RT: 13.987 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:165 Resp: 47317

Ion	Ratio	Lower	Upper
165	100		
63	44.7	35.8	53.6
89	56.0	44.8	67.2

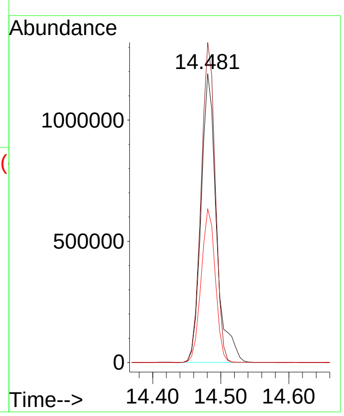




#52
Acenaphthene
Concen: 38.456 ng
RT: 14.481 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:154 Resp: 1854951

Ion	Ratio	Lower	Upper
154	100		
153	110.9	88.7	133.1
152	53.2	42.6	63.8



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Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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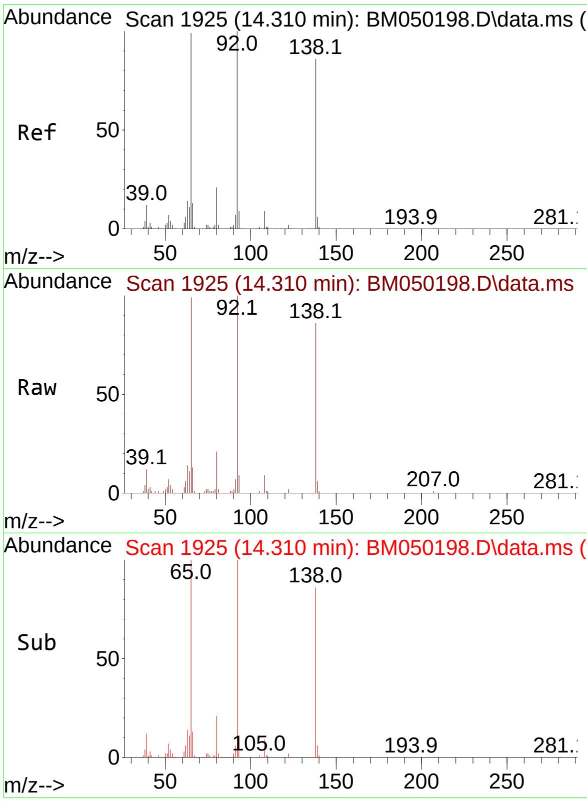
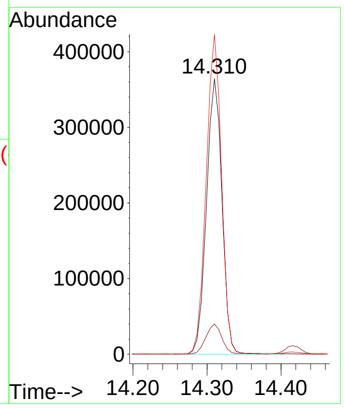
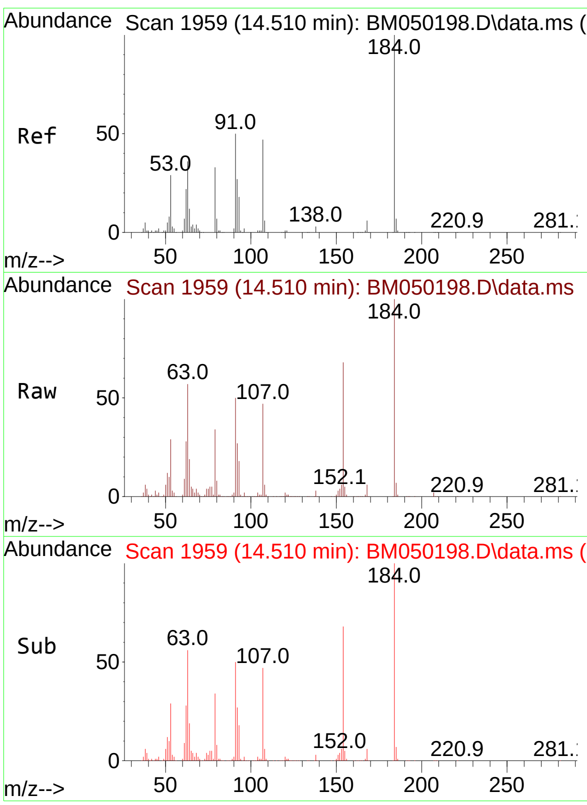
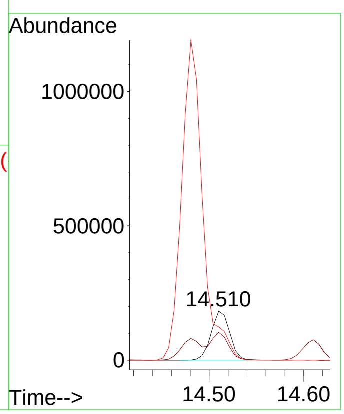



```
#53
3-Nitroaniline
Concen:   42.518 ng
RT:  14.310 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BM050198.D
Acq: 05 Jun 2025  11:57

Tgt Ion:138 Resp:  52933
Ion  Ratio  Lower  Upper
138  100
108   11.0    8.8   13.2
 92  116.1   92.9  139.3
```

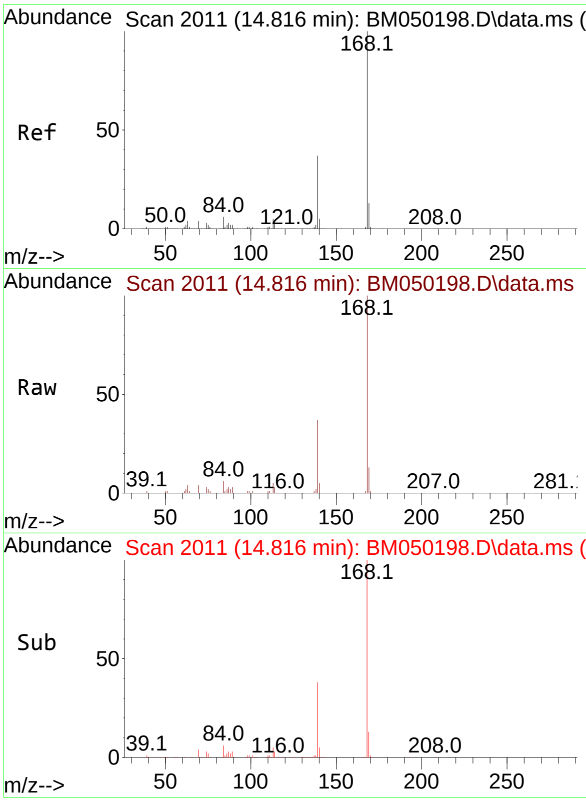





```
#54
2,4-Dinitrophenol
Concen:   37.659 ng
RT:  14.510 min  Scan# 1959
Delta R.T.  0.000 min
Lab File:   BM050198.D
Acq: 05 Jun 2025  11:57

Tgt Ion:184 Resp:  249778
Ion  Ratio  Lower  Upper
184  100
 63   56.6   45.3   67.9
154   67.9   54.3   81.5
```



ICAL Form



#55
Dibenzofuran
Concen: 38.571 ng
RT: 14.816 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 272186

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.9	44.9
169	13.3	10.6	16.0

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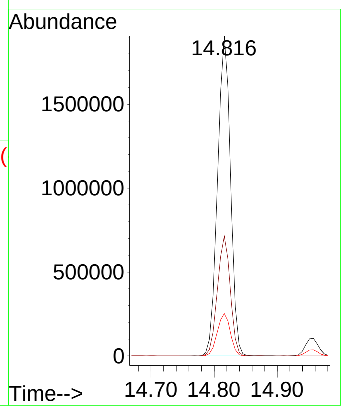
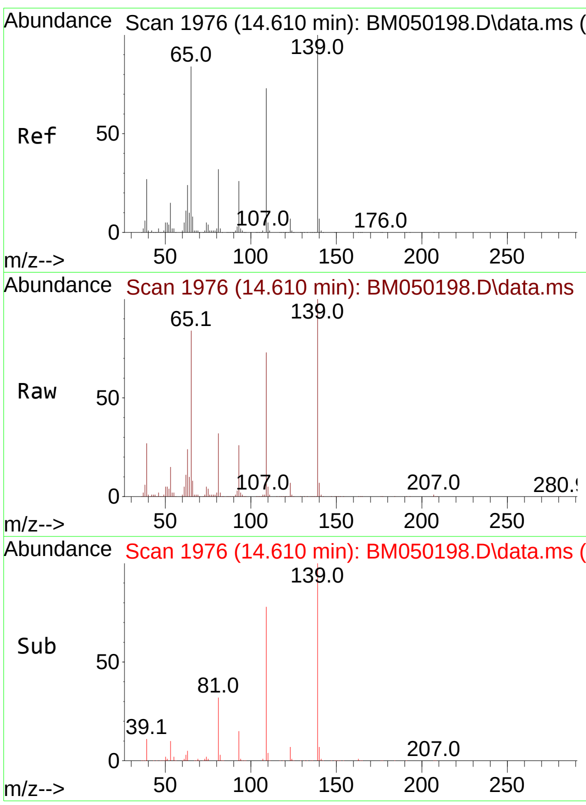
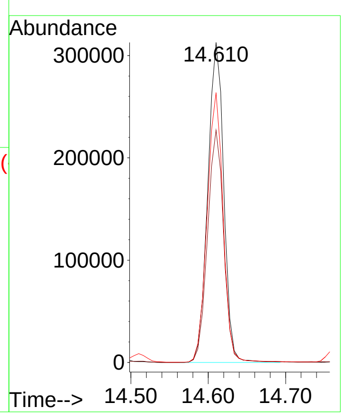




#56
4-Nitrophenol
Concen: 42.399 ng
RT: 14.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:139 Resp: 449268

Ion	Ratio	Lower	Upper
139	100		
109	72.6	52.6	92.6
65	84.3	64.3	104.3



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Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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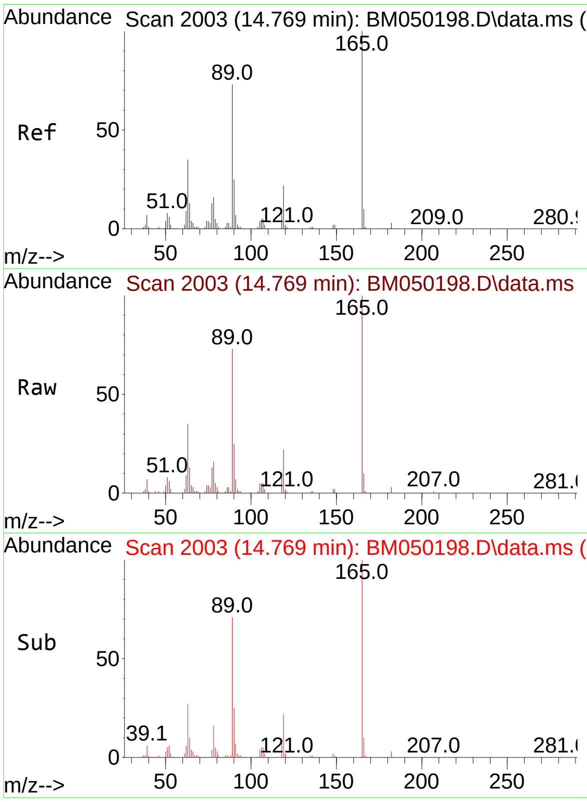
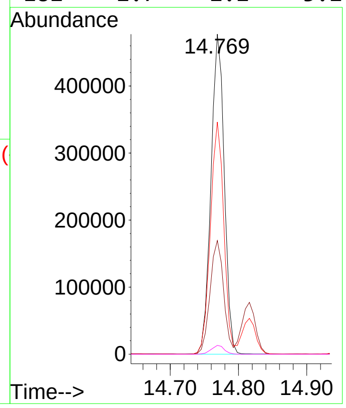
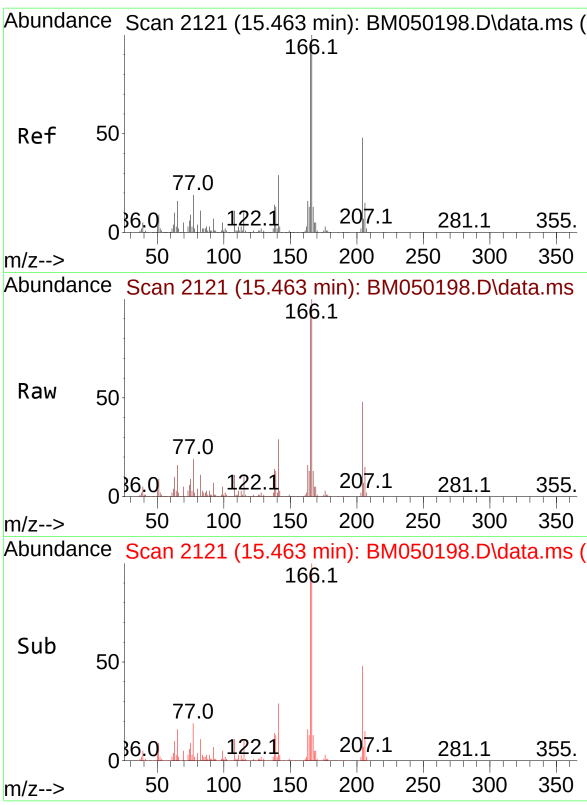


#57
2,4-Dinitrotoluene
Concen: 43.996 ng
RT: 14.769 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:165 Resp: 64829

Ion	Ratio	Lower	Upper
165	100		
63	35.5	28.4	42.6
89	72.5	58.0	87.0
182	2.7	2.2	3.2

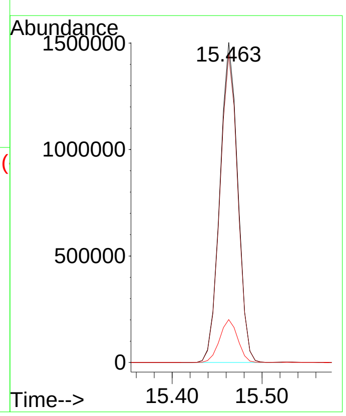




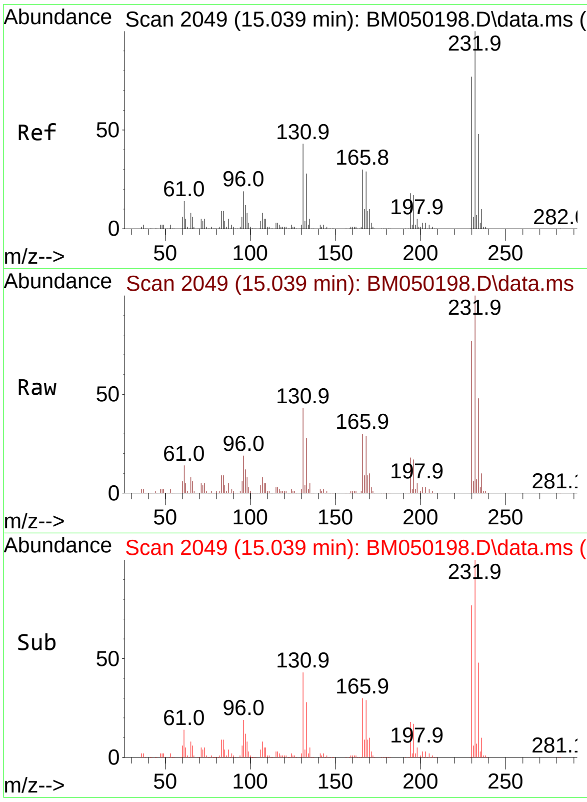
#58
Fluorene
Concen: 38.407 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:166 Resp: 2075880

Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.0	115.4
167	13.4	10.7	16.1



ICAL Form



#59
2,3,4,6-Tetrachlorophenol
Concen: 40.441 ng m
RT: 15.039 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 59749(

Ion	Ratio	Lower	Upper
232	100		
131	40.9	32.9	49.3
130	2.3	1.8	2.8
166	25.9	20.8	31.2

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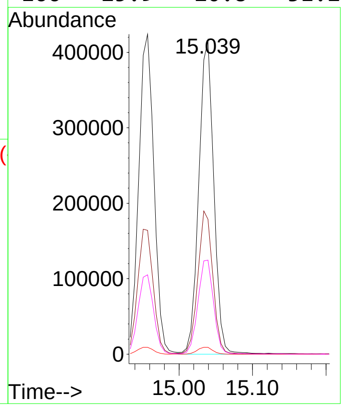
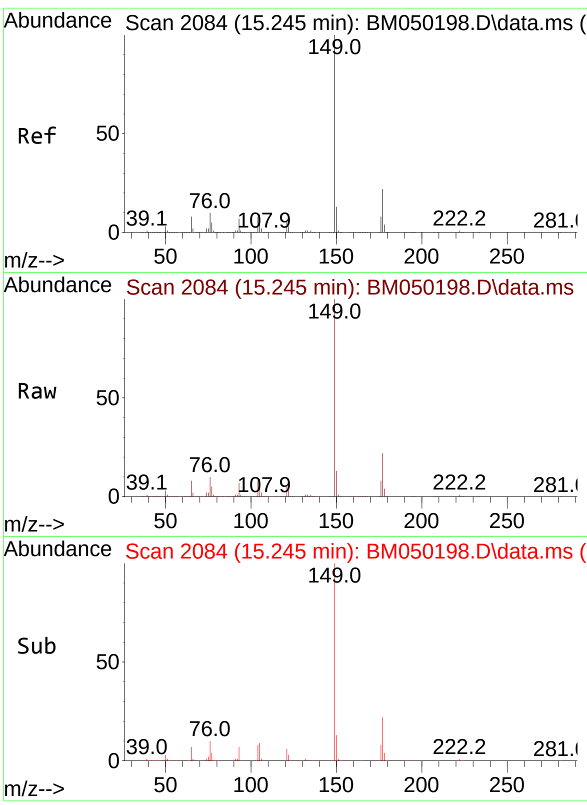
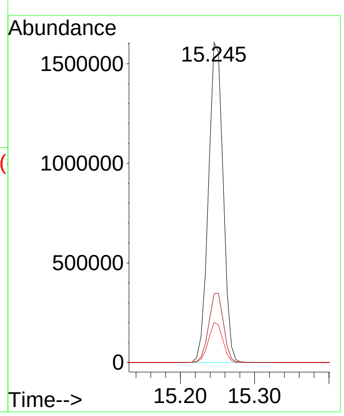




#60
Diethylphthalate
Concen: 40.130 ng
RT: 15.245 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:149 Resp: 2205514

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.2	25.8
150	12.5	10.0	15.0



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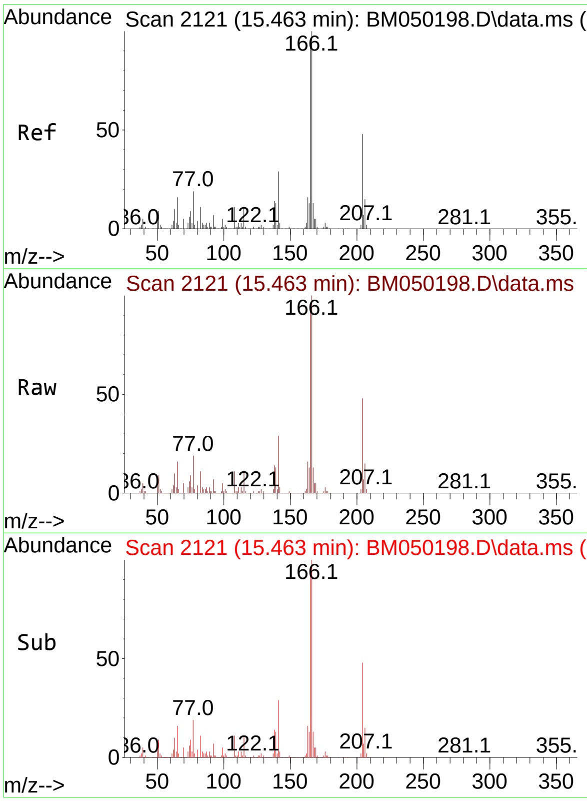

#61
4-Chlorophenyl-phenylether
Concen: 38.331 ng
RT: 15.463 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:204 Resp: 1001298

Ion	Ratio	Lower	Upper
204	100		
206	31.7	25.4	38.0
141	59.9	47.9	71.9

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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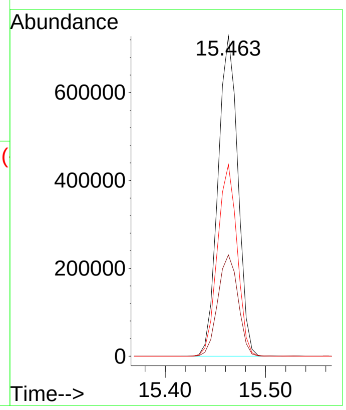
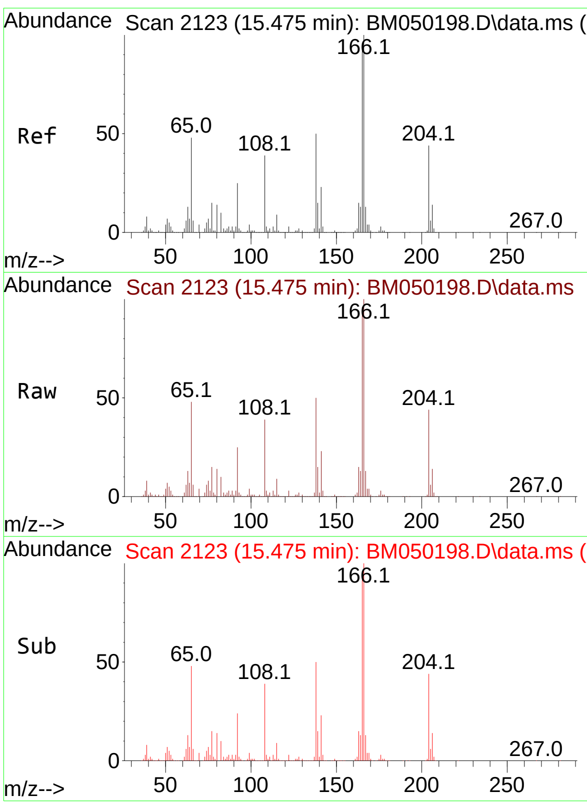
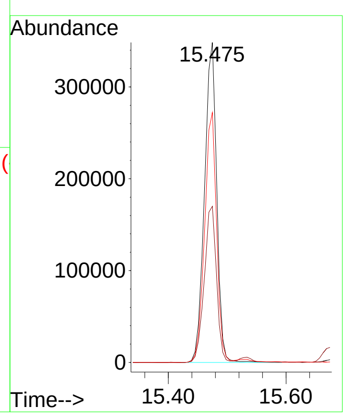




#62
4-Nitroaniline
Concen: 43.174 ng
RT: 15.475 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:138 Resp: 503785

Ion	Ratio	Lower	Upper
138	100		
92	48.8	28.8	68.8
108	78.1	58.1	98.1



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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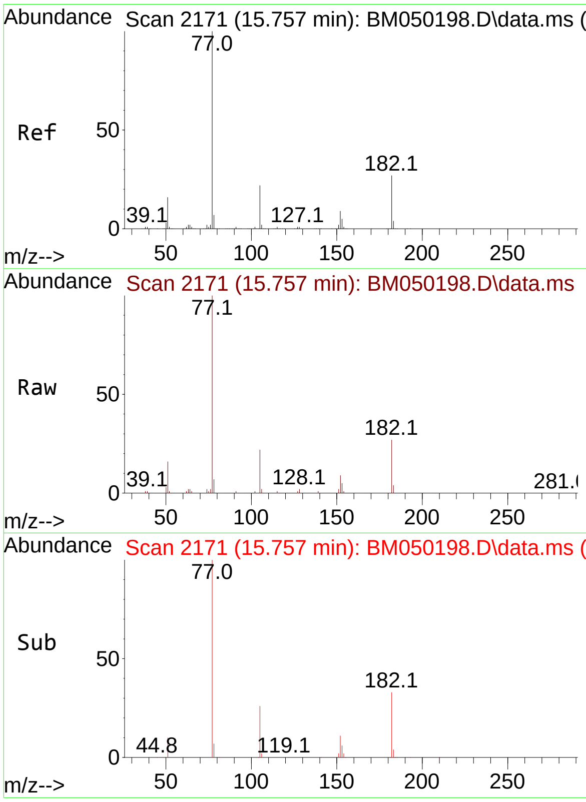
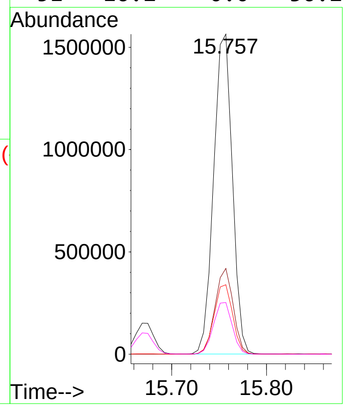
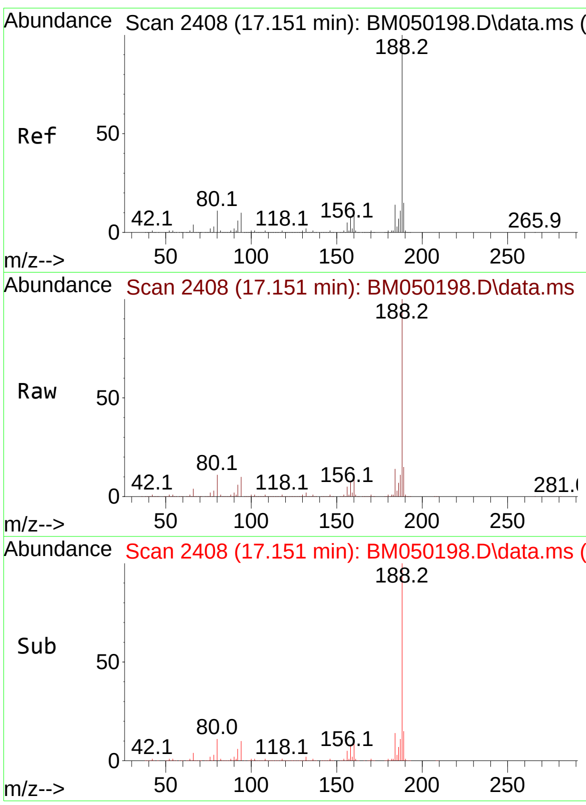


#63
Azobenzene
Concen: 39.165 ng
RT: 15.757 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion: 77 Resp: 215145

Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.8	46.8
105	21.7	1.7	41.7
51	16.2	0.0	36.2

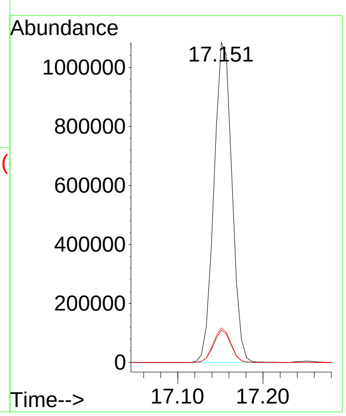


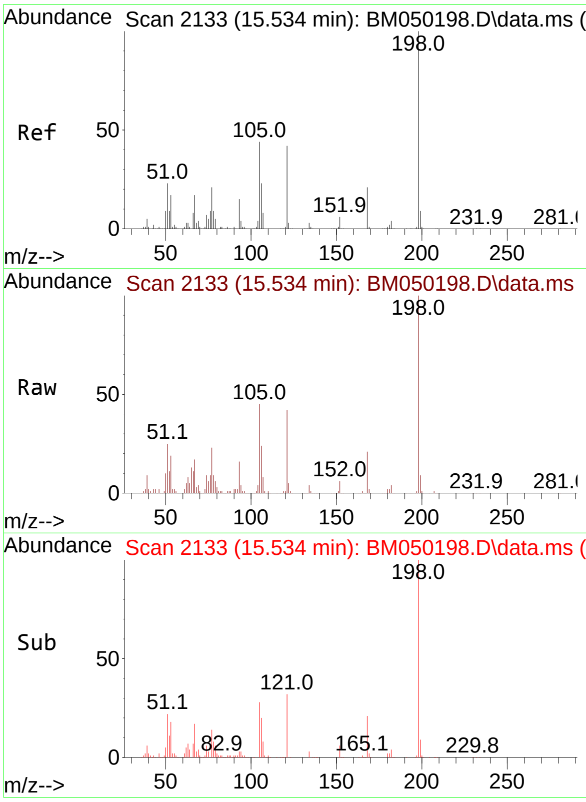


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:188 Resp: 1590674

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	10.8	8.6	13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 40.658 ng
RT: 15.534 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:198 Resp: 35323

Ion	Ratio	Lower	Upper
198	100		
51	24.5	4.5	44.5
105	44.9	24.9	64.9

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
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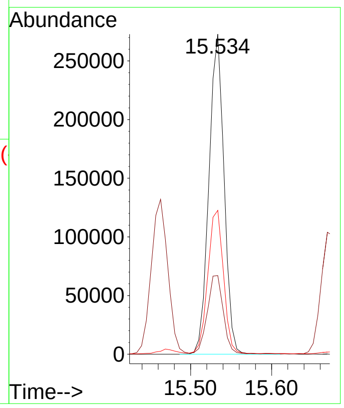
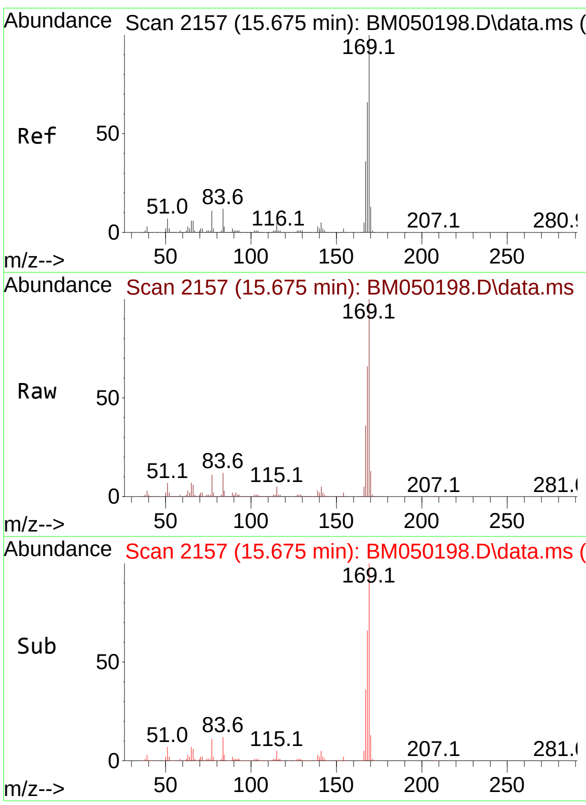
Supervised By :Jagrut Upadhyay 06/06/2025

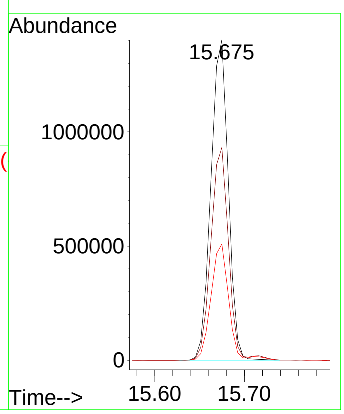




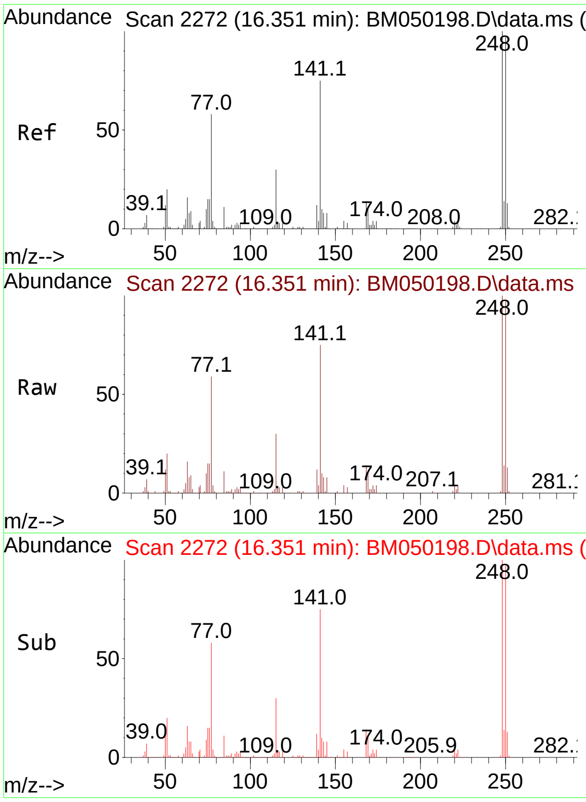
#66
n-Nitrosodiphenylamine
Concen: 37.784 ng
RT: 15.675 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:169 Resp: 1888442

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.1	79.7
167	36.3	29.0	43.6



ICAL Form



#67
4-Bromophenyl-phenylether
Concen: 38.210 ng
RT: 16.351 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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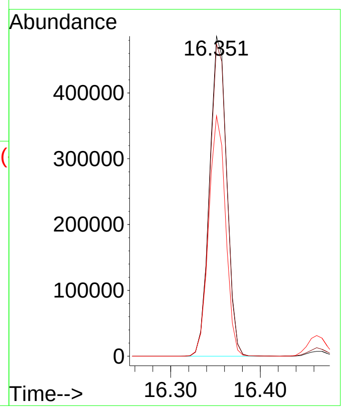
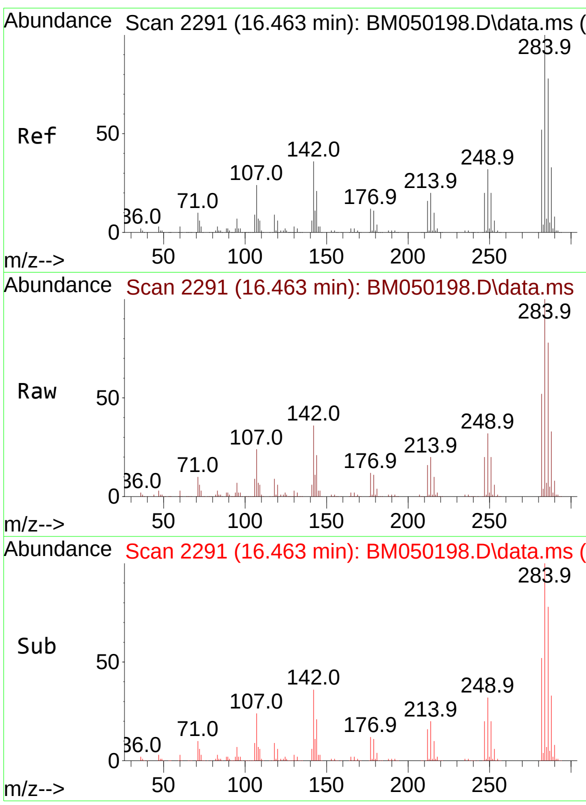
Tgt Ion:248 Resp: 648140

Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.0	117.0
141	75.1	60.1	90.1

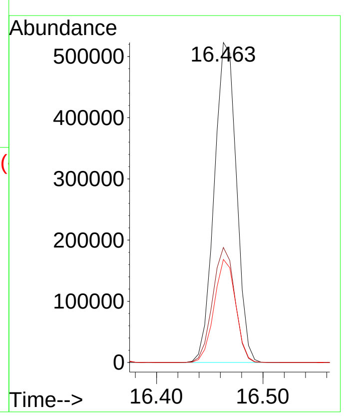




#68
Hexachlorobenzene
Concen: 38.133 ng
RT: 16.463 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:284 Resp: 755736

Ion	Ratio	Lower	Upper
284	100		
142	36.0	28.8	43.2
249	32.2	25.8	38.6



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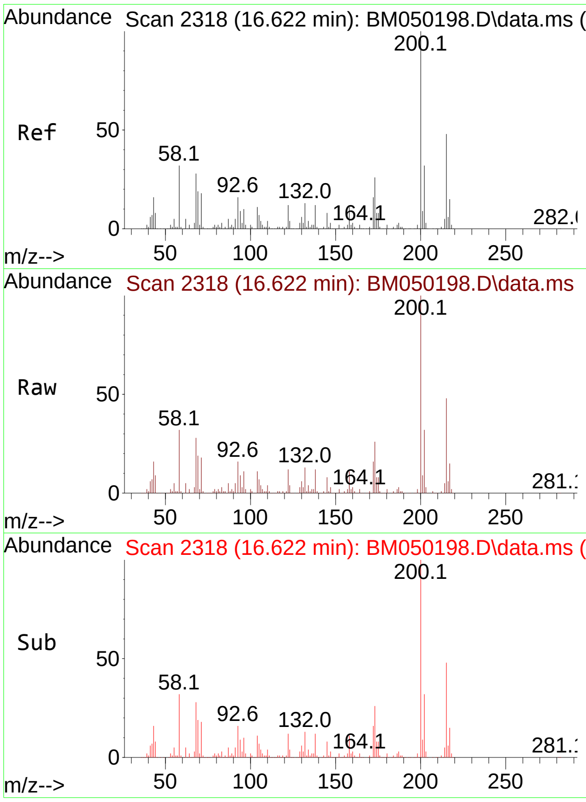

#69
Atrazine
Concen: 41.086 ng
RT: 16.622 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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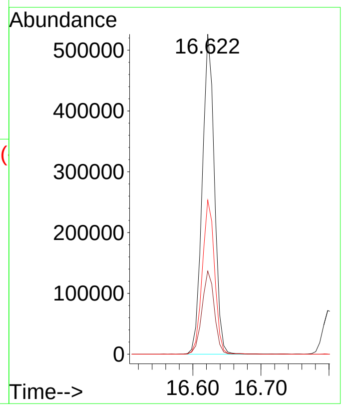
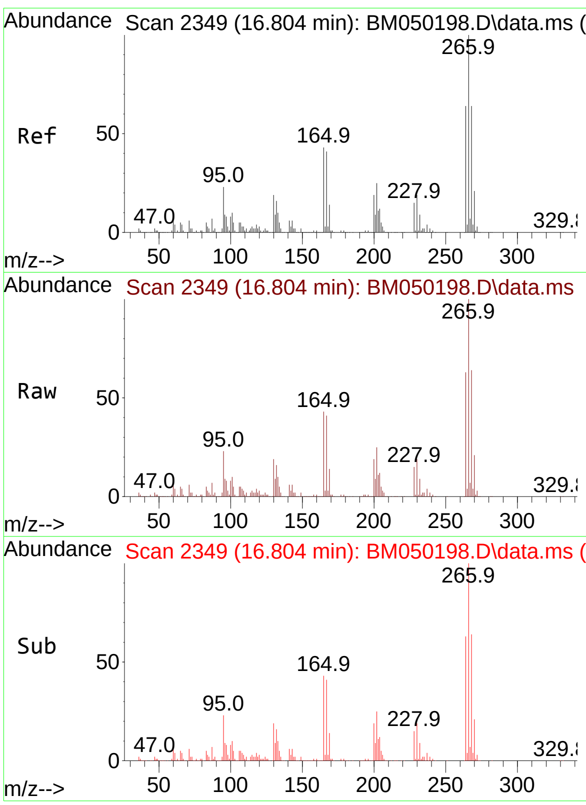
Tgt Ion:200 Resp: 65429

Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.0	46.0
215	48.1	28.1	68.1

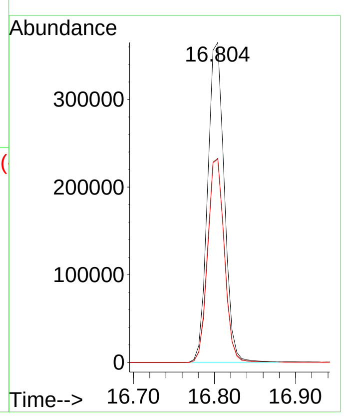




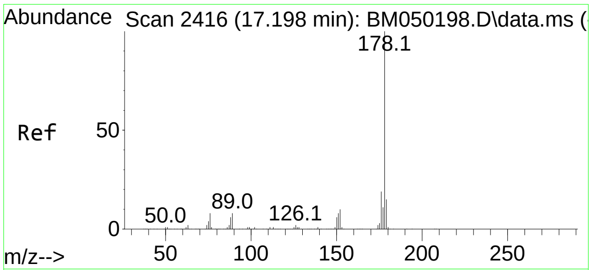
#70
Pentachlorophenol
Concen: 40.433 ng
RT: 16.804 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

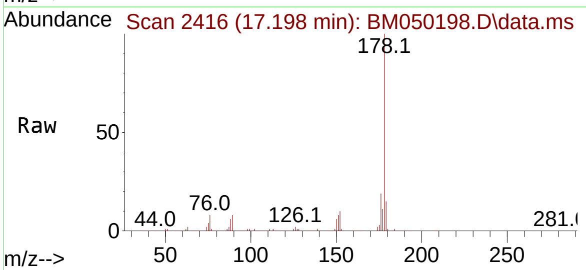
Tgt Ion:266 Resp: 520982

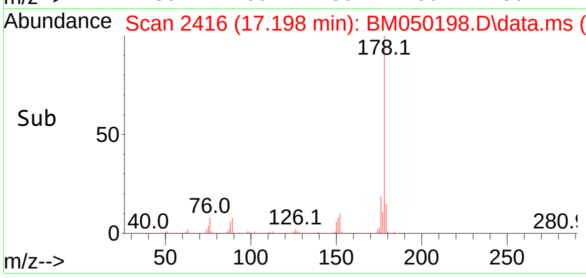
Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.0	76.6
264	63.5	50.8	76.2



ICAL Form







#71
Phenanthrene
Concen: 37.488 ng
RT: 17.198 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 340656

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.4	12.3	18.5

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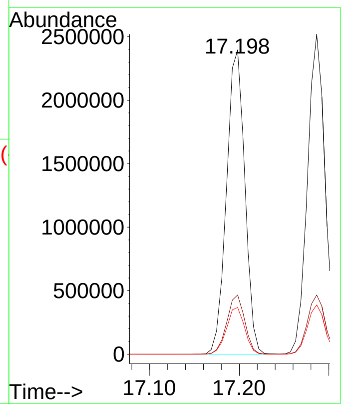
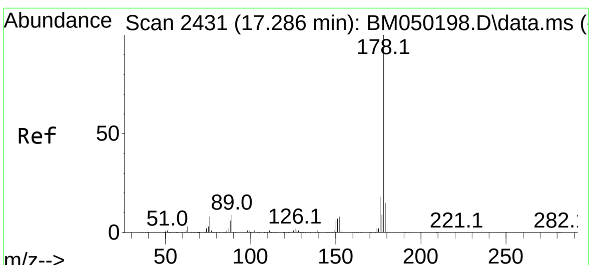
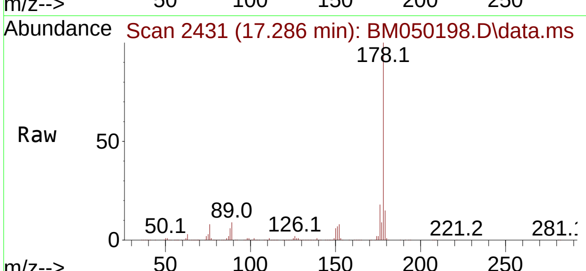
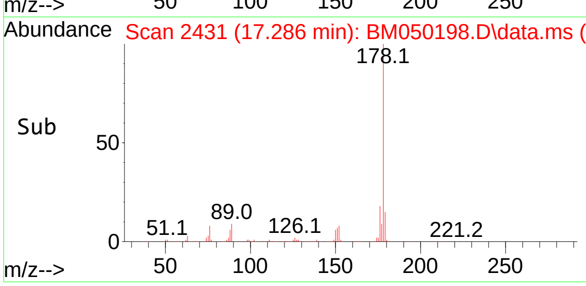




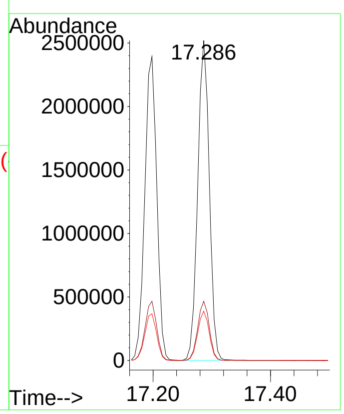


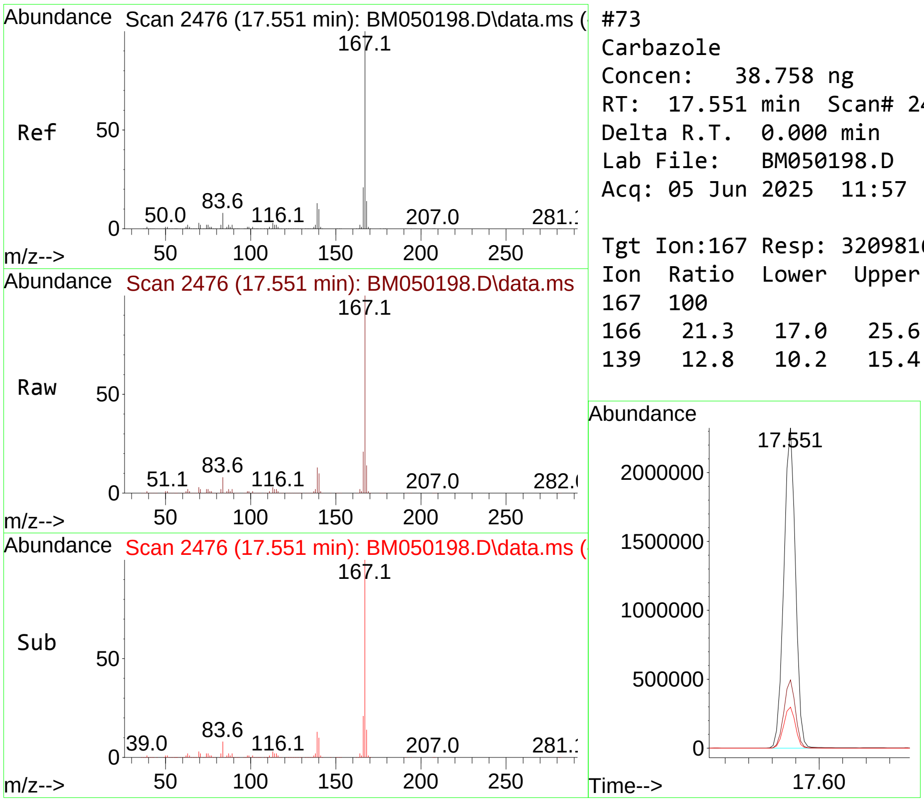


#72
Anthracene
Concen: 38.008 ng
RT: 17.286 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:178 Resp: 3455118

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.4	12.3	18.5





#73
Carbazole
Concen: 38.758 ng
RT: 17.551 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:167 Resp: 320981

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.8	10.2	15.4

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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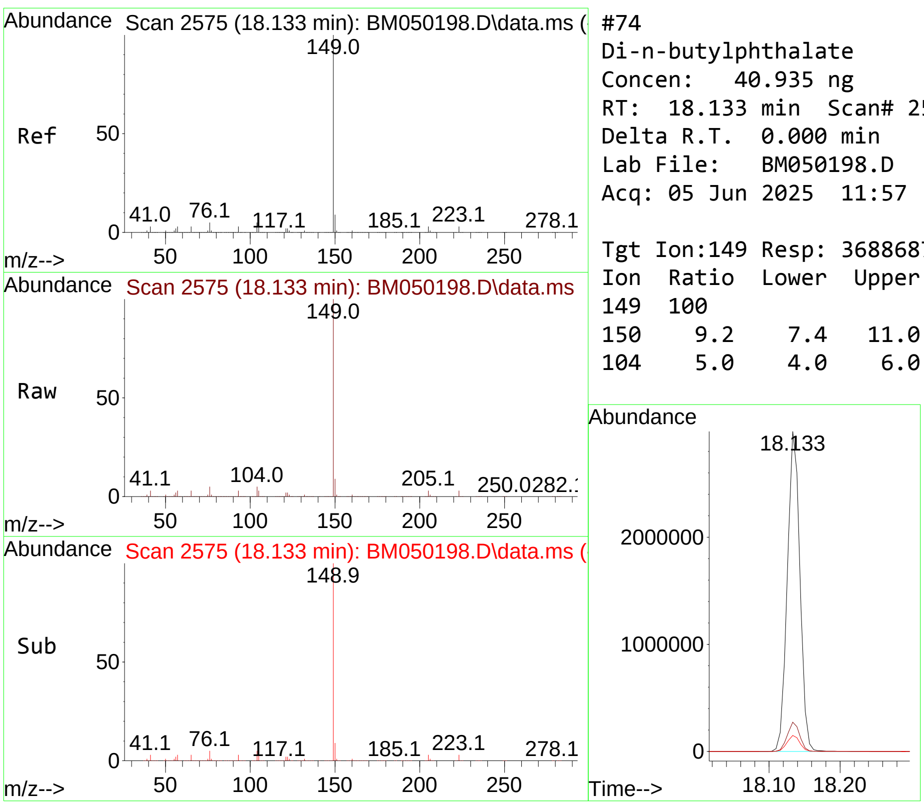
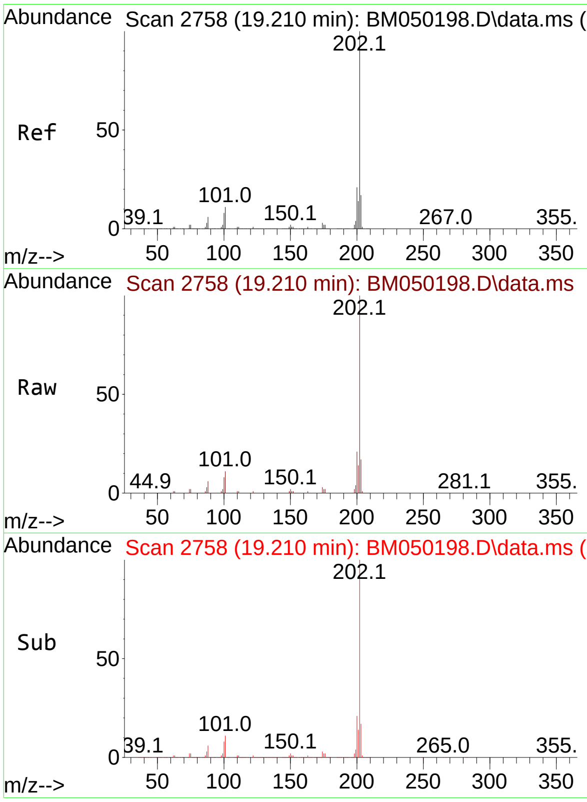


#74
Di-n-butylphthalate
Concen: 40.935 ng
RT: 18.133 min Scan# 2575
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:149 Resp: 3688687

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.0	4.0	6.0



#75
Fluoranthene
Concen: 39.116 ng
RT: 19.210 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 374843

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	17.0	0.0	37.0

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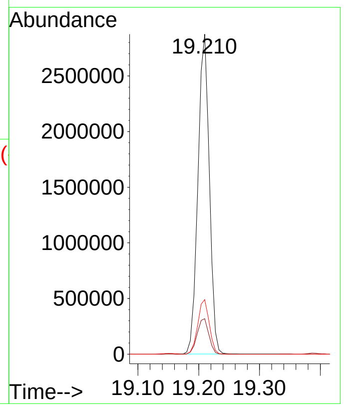
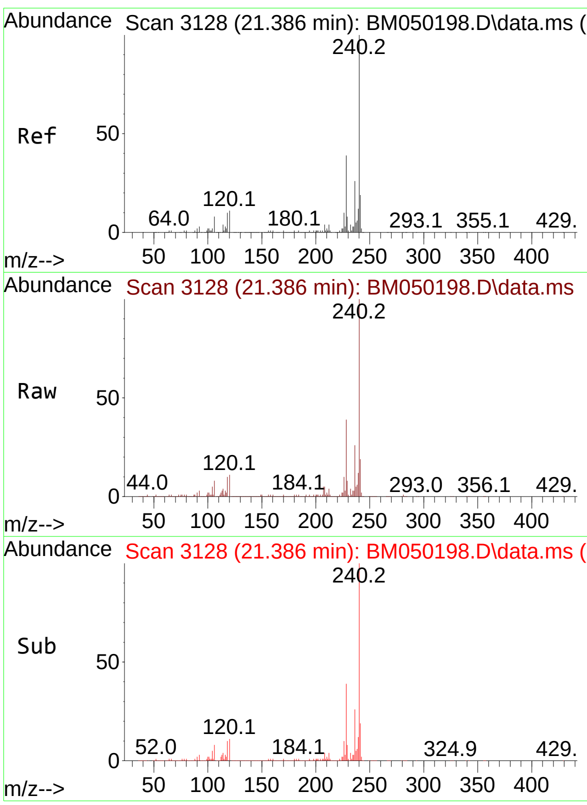
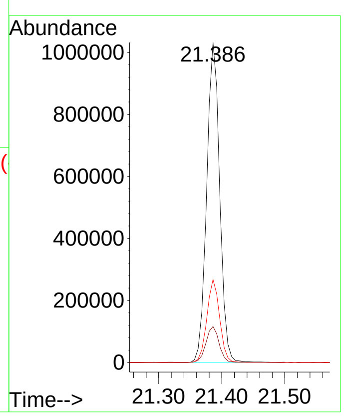




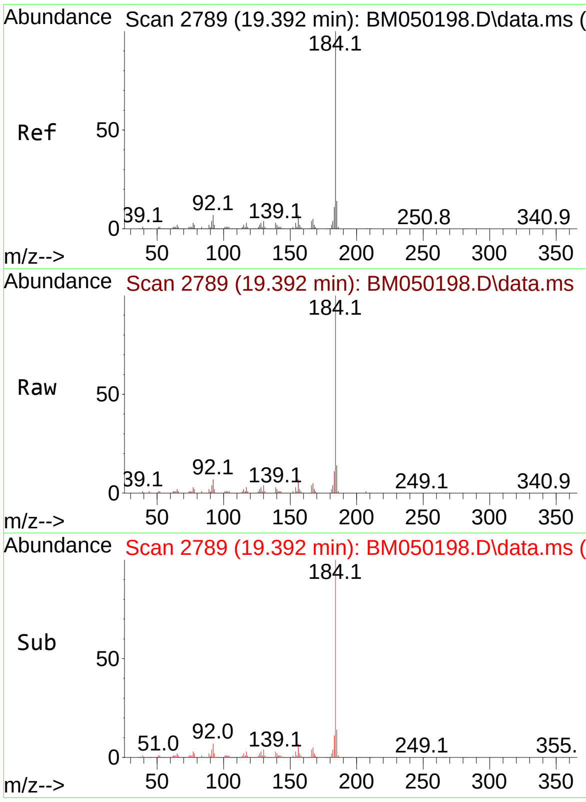
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:240 Resp: 1484493

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.9	20.7	31.1



ICAL Form



#77
Benzidine
Concen: 43.865 ng
RT: 19.392 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 183115

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.2	9.0	13.4

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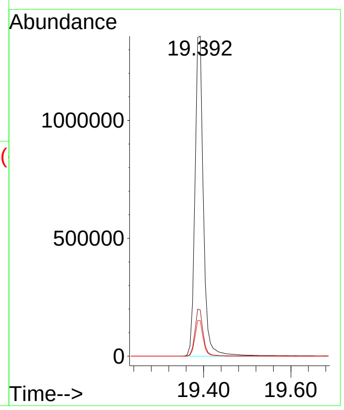
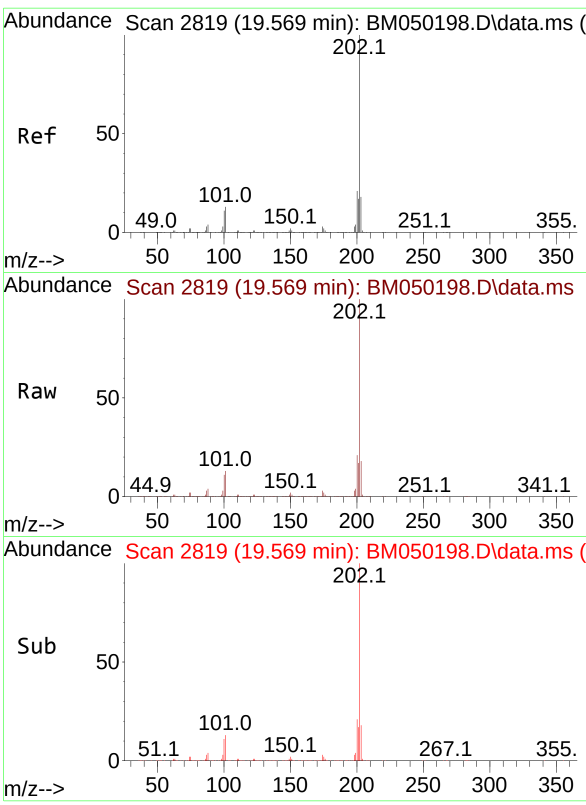
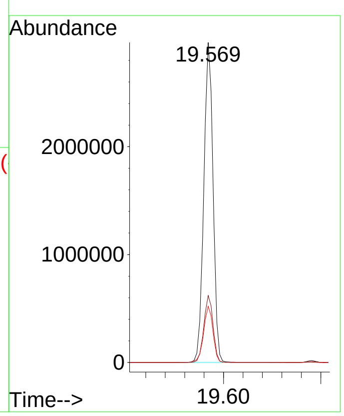


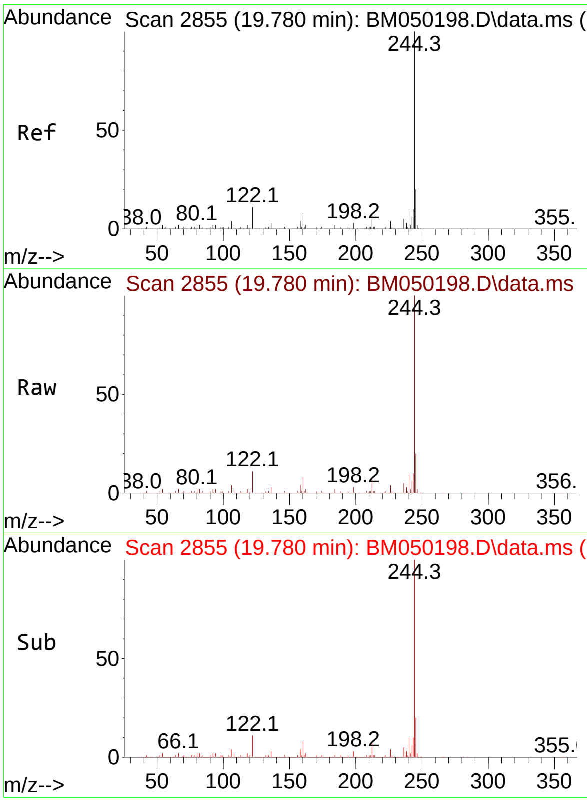


#78
Pyrene
Concen: 39.288 ng
RT: 19.569 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:202 Resp: 3930978

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.6	14.1	21.1





#79
Terphenyl-d14
Concen: 76.566 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 599794

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.7	8.6	12.8

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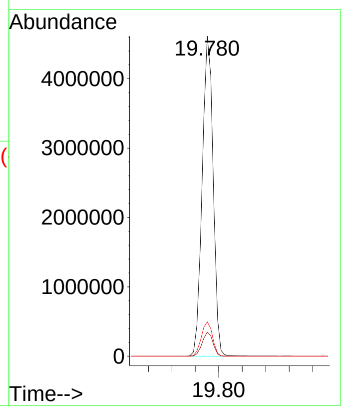
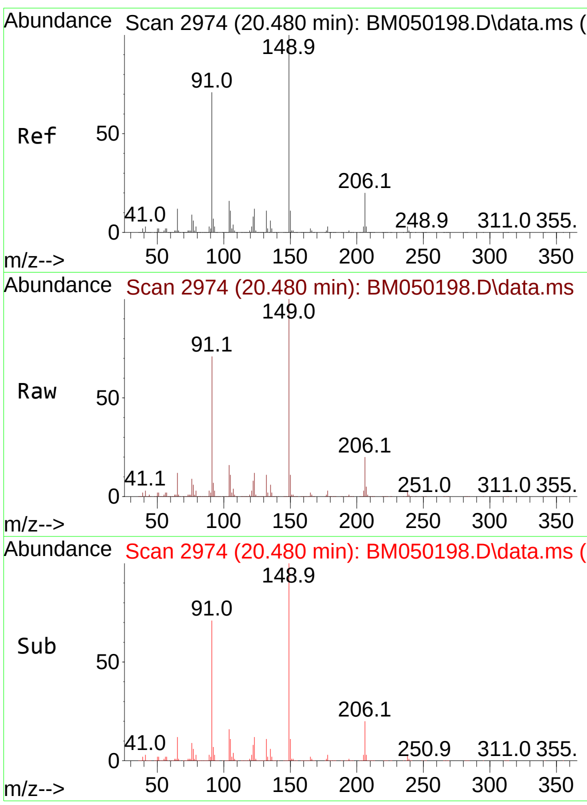
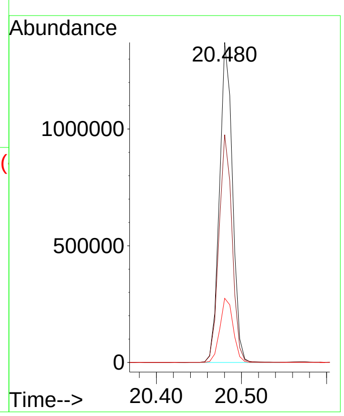




#80
Butylbenzylphthalate
Concen: 43.604 ng
RT: 20.480 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:149 Resp: 1455291

Ion	Ratio	Lower	Upper
149	100		
91	71.1	56.9	85.3
206	20.1	16.1	24.1



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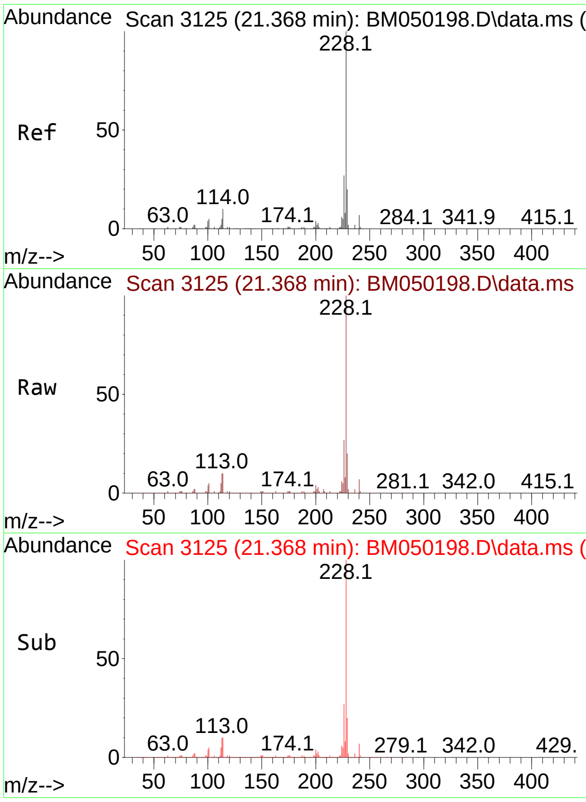
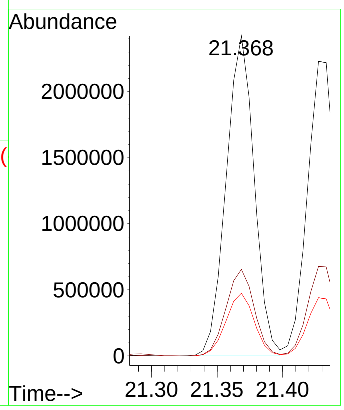


#81
Benzo(a)anthracene
Concen: 38.488 ng
RT: 21.368 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:228 Resp: 361643

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.6	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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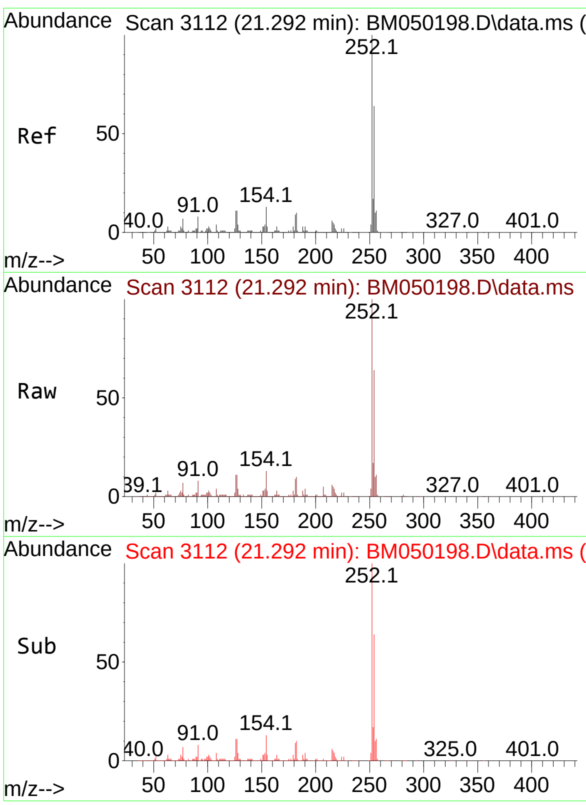
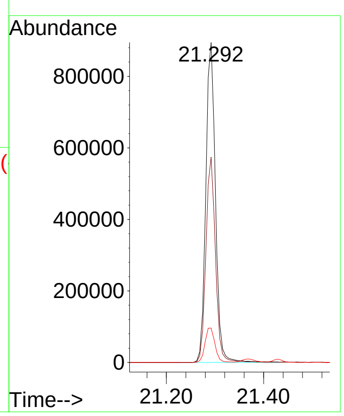


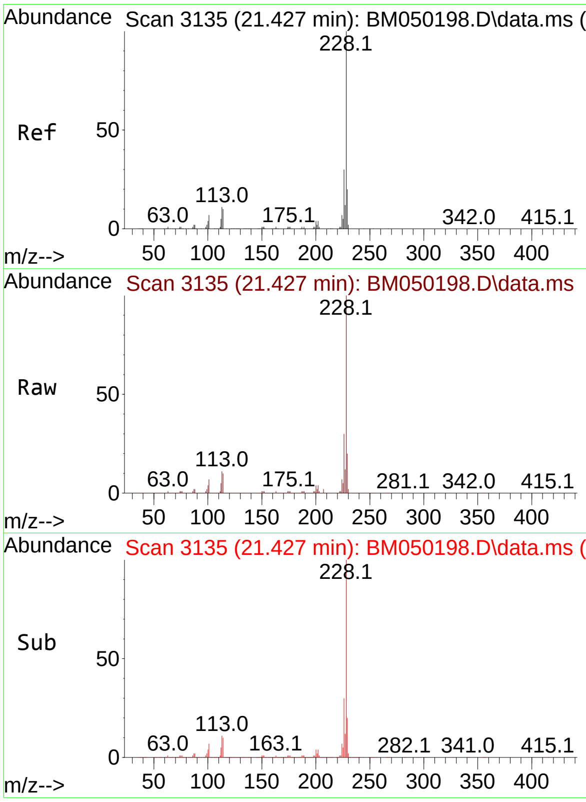
#82
3,3'-Dichlorobenzidine
Concen: 43.008 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:252 Resp: 1232348

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.0
126	10.7	8.6	12.8



ICAL Form



#83
Chrysene
Concen: 38.218 ng
RT: 21.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 341584

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.8	15.8	23.8

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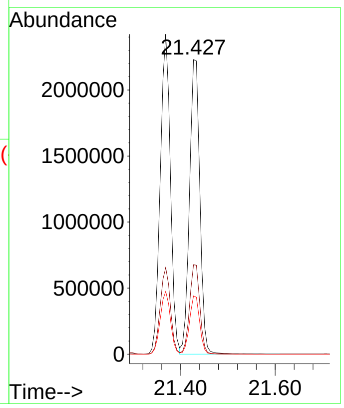
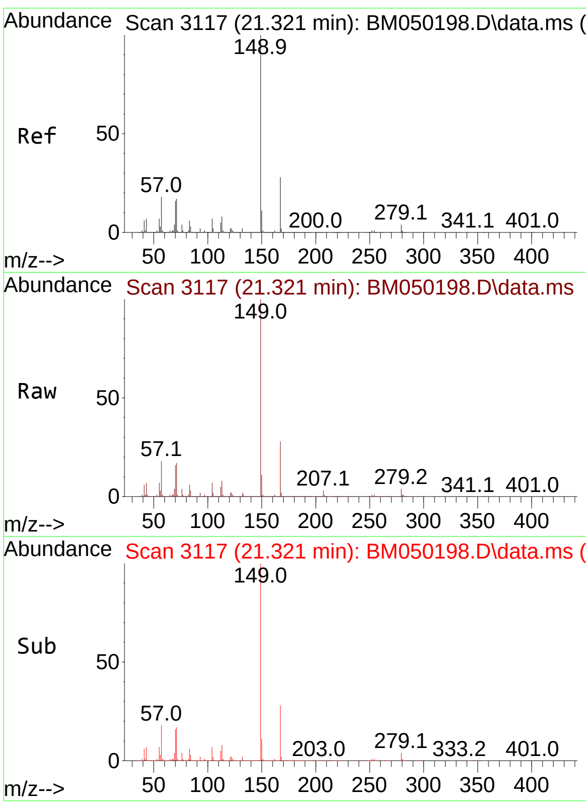
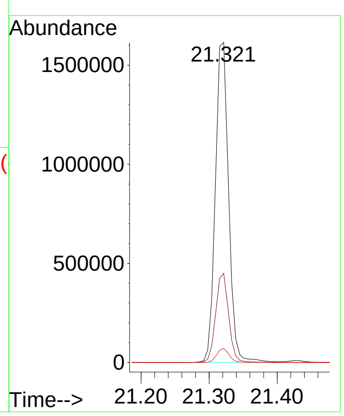




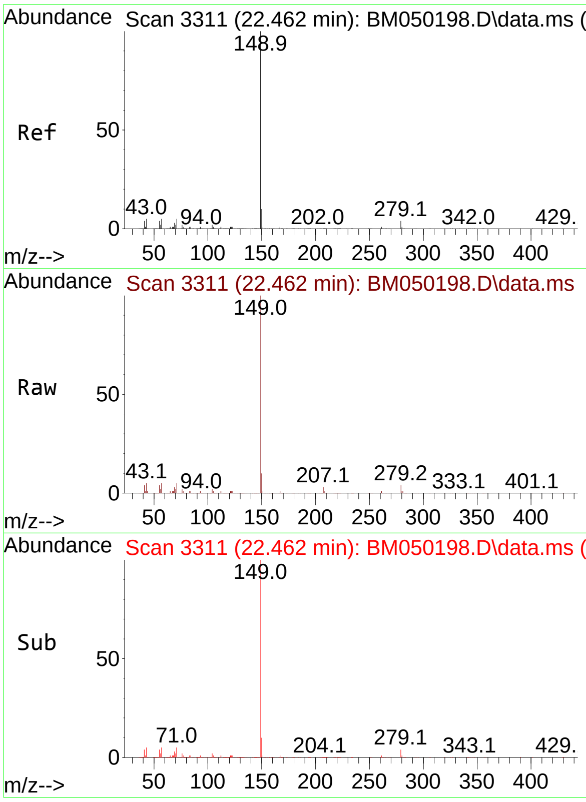
#84
Bis(2-ethylhexyl)phthalate
Concen: 42.764 ng
RT: 21.321 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:149 Resp: 2198448

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.4	3.5	5.3



ICAL Form



#85
Di-n-octyl phthalate
Concen: 43.375 ng
RT: 22.462 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 330888

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	4.8	3.8	5.8

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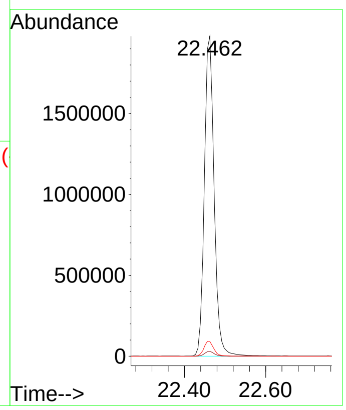
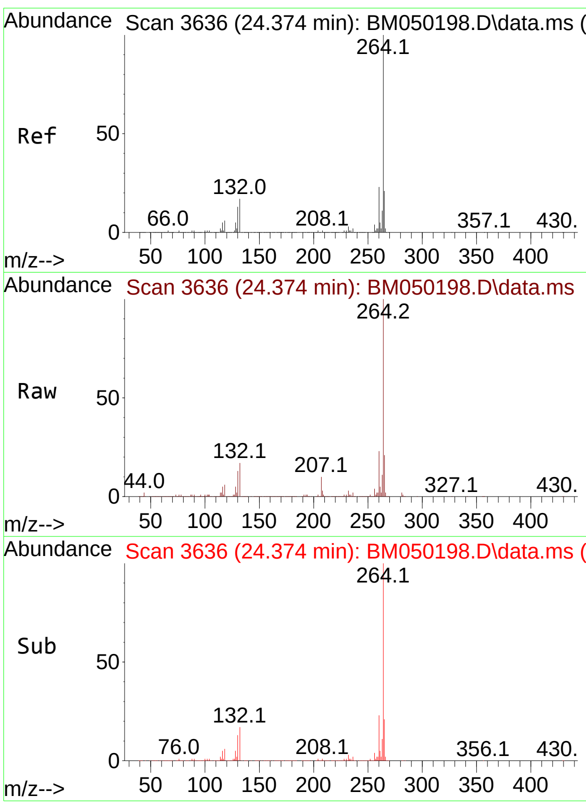
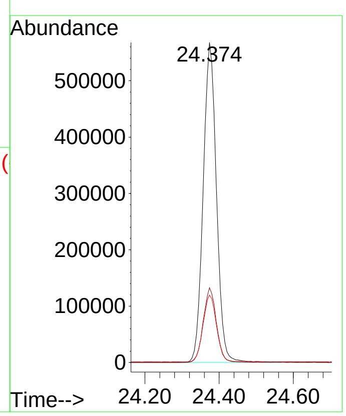




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:264 Resp: 1410376

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.0	16.8	25.2



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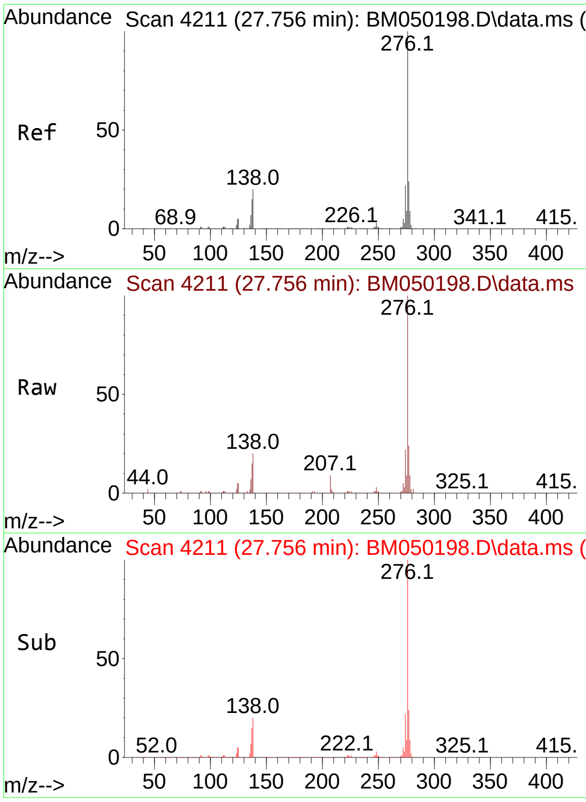

#87
Indeno(1,2,3-cd)pyrene
Concen: 36.991 ng
RT: 27.756 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:276 Resp: 335919

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.6	30.8
277	24.8	19.8	29.6

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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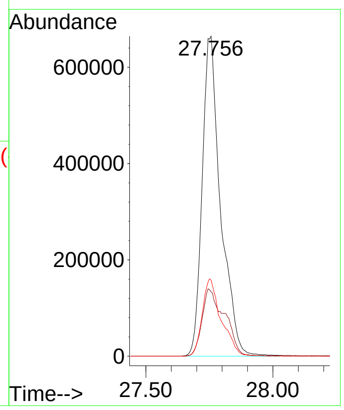
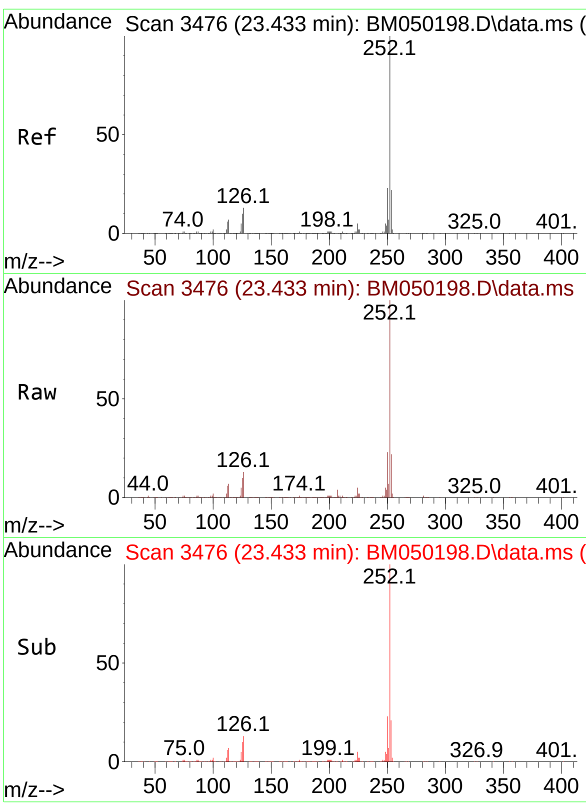
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

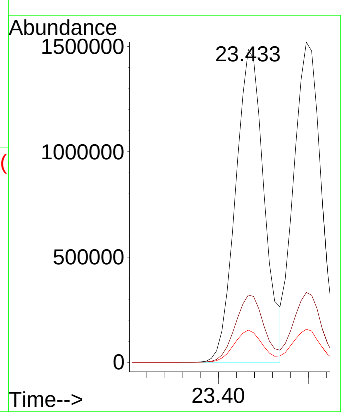




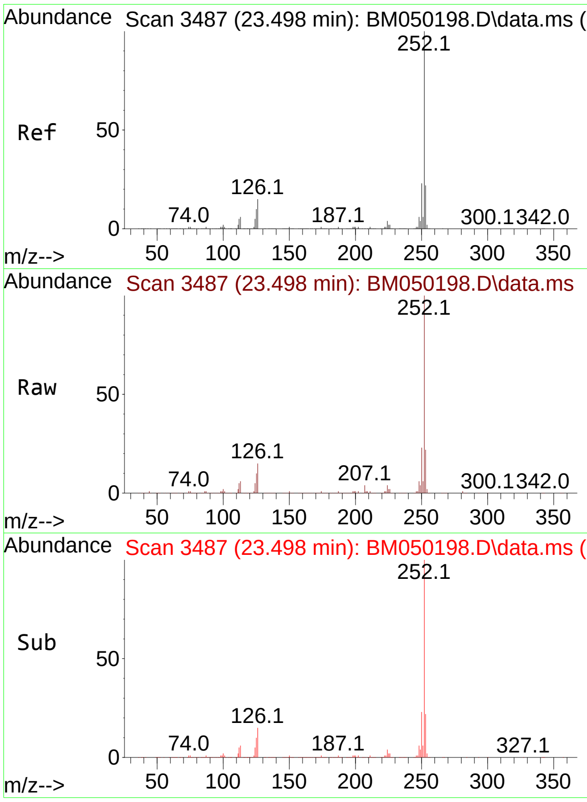
#88
Benzo(b)fluoranthene
Concen: 40.232 ng
RT: 23.433 min Scan# 3476
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:252 Resp: 3299020

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.3	8.2	12.4



ICAL Form



#89
Benzo(k)fluoranthene
Concen: 39.327 ng
RT: 23.498 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

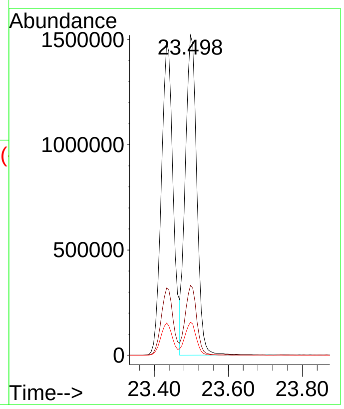
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

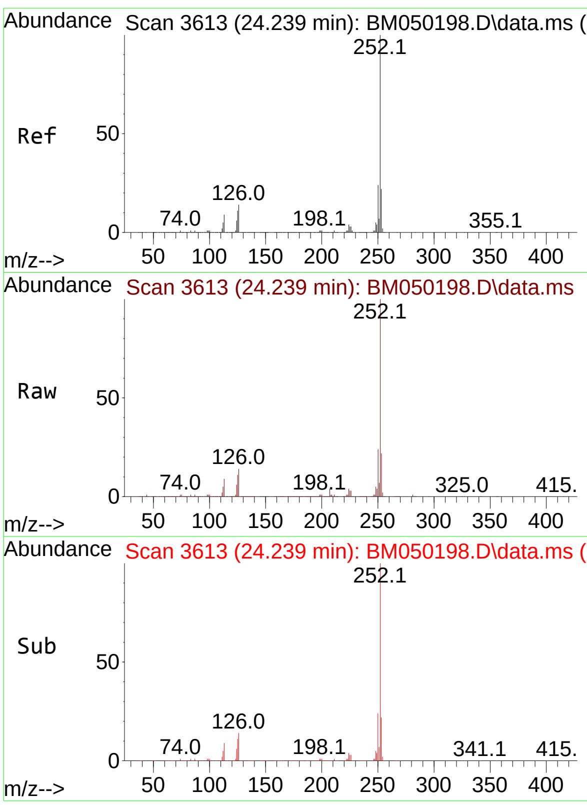
Tgt Ion:252 Resp: 3292030

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.3	8.2	12.4

Manual Integrations APPROVED

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

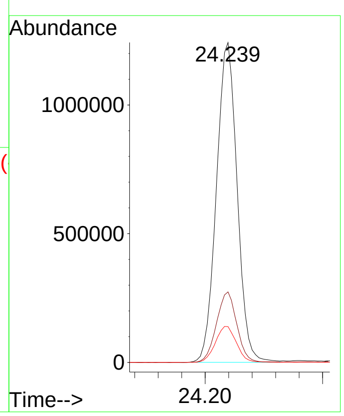




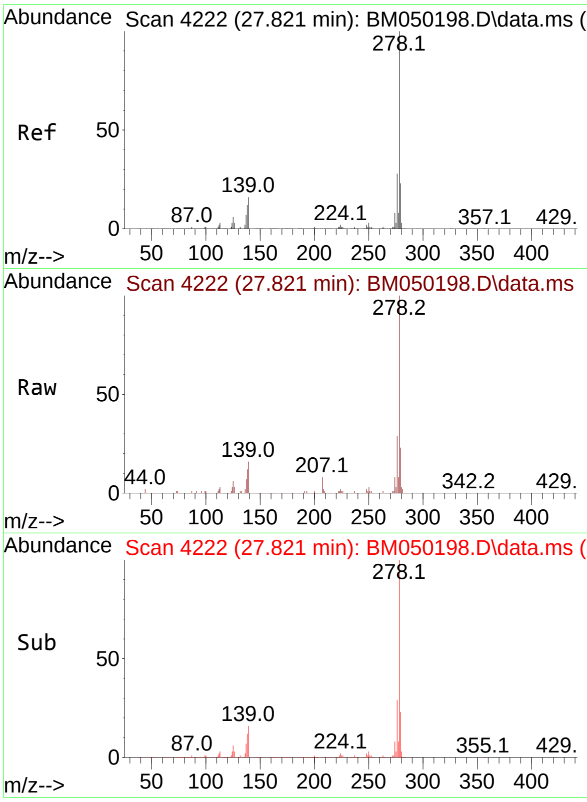
#90
Benzo(a)pyrene
Concen: 39.542 ng
RT: 24.239 min Scan# 3613
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:252 Resp: 3048619

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.2	9.0	13.4



ICAL Form



#91
Dibenzo(a,h)anthracene
Concen: 37.184 ng
RT: 27.821 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

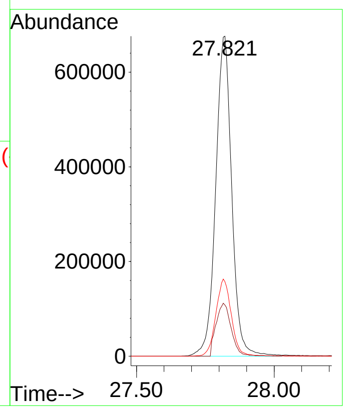
Tgt Ion:278 Resp: 274089

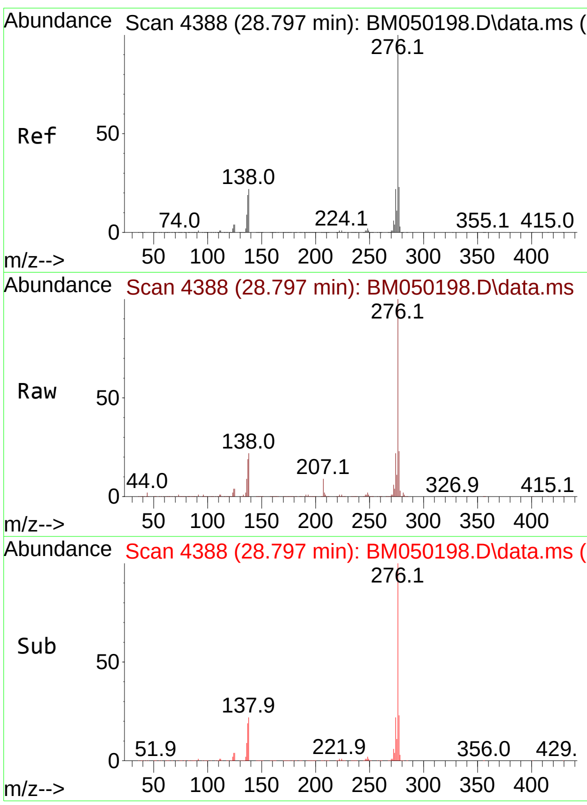
Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	23.3	18.6	28.0

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

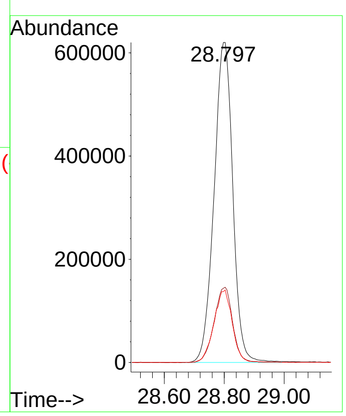




#92
Benzo(g,h,i)perylene
Concen: 36.467 ng
RT: 28.797 min Scan# 4388
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:276 Resp: 2690355

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	27.8
138	22.2	17.8	26.6



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050199.D
Acq On : 05 Jun 2025 12:36
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jun 05 14:59:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.787	152	291057	20.000 ng	0.00
21) Naphthalene-d8	10.581	136	1245308	20.000 ng	0.00
39) Acenaphthene-d10	14.416	164	784298	20.000 ng	0.00
64) Phenanthrene-d10	17.157	188	1523841	20.000 ng	0.00
76) Chrysene-d12	21.392	240	1446151	20.000 ng	0.00
86) Perylene-d12	24.374	264	1421732	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.369	112	1802037	103.281 ng	0.00
7) Phenol-d6	6.951	99	2472934	107.666 ng	0.00
23) Nitrobenzene-d5	8.939	82	2579483	107.728 ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	994114	111.437 ng	0.00
45) 2-Fluorobiphenyl	13.045	172	5738887	99.064 ng	0.00
79) Terphenyl-d14	19.786	244	7692376	100.800 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.293	88	371991	48.638 ng	100
3) Pyridine	3.681	79	1036652	52.340 ng	98
4) n-Nitrosodimethylamine	3.593	42	215821	52.696 ng	95
6) Aniline	7.116	93	1637124	53.917 ng	100
8) 2-Chlorophenol	7.351	128	1032007	53.773 ng	99
9) Benzaldehyde	6.928	77	709626	48.594 ng	99
10) Phenol	6.981	94	1296462	53.347 ng	99
11) bis(2-Chloroethyl)ether	7.216	93	1039221	53.164 ng	98
12) 1,3-Dichlorobenzene	7.681	146	1124523	52.412 ng	100
13) 1,4-Dichlorobenzene	7.822	146	1157927	51.870 ng	100
14) 1,2-Dichlorobenzene	8.140	146	1120717	52.663 ng	99
15) Benzyl Alcohol	8.022	79	921887	56.274 ng	97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	711769	52.417 ng	99
17) 2-Methylphenol	8.222	107	878183	54.767 ng	100
18) Hexachloroethane	8.869	117	431469	53.371 ng	99
19) n-Nitroso-di-n-propyla...	8.598	70	797673	56.751 ng	100
20) 3+4-Methylphenols	8.551	107	1208370	56.326 ng	98
22) Acetophenone	8.604	105	1616196	51.949 ng	99
24) Nitrobenzene	8.981	77	1151898	52.895 ng	99
25) Isophorone	9.510	82	2280770	55.187 ng	100
26) 2-Nitrophenol	9.692	139	552994	58.828 ng	98
27) 2,4-Dimethylphenol	9.751	122	1034501	53.511 ng	100
28) bis(2-Chloroethoxy)met...	9.992	93	1463553	54.208 ng	99
29) 2,4-Dichlorophenol	10.222	162	991973	55.499 ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	1048864	52.734 ng	98
31) Naphthalene	10.628	128	3303529	51.309 ng	100
32) Benzoic acid	9.892	122	725550	59.774 ng	99
33) 4-Chloroaniline	10.728	127	1484906	54.095 ng	99
34) Hexachlorobutadiene	10.928	225	629209	53.185 ng	99
35) Caprolactam	11.510	113	348835	61.561 ng	98
36) 4-Chloro-3-methylphenol	11.857	107	1081009	56.680 ng	100
37) 2-Methylnaphthalene	12.239	142	2112994	54.400 ng	98
38) 1-Methylnaphthalene	12.463	142	2223932	53.945 ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1155693	51.030 ng	100
41) Hexachlorocyclopentadiene	12.598	237	749110	54.466 ng	98
43) 2,4,6-Trichlorophenol	12.845	196	810794	54.440 ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050199.D
Acq On : 05 Jun 2025 12:36
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jun 05 14:59:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	896452	54.822 ng	100
46) 1,1'-Biphenyl	13.257	154	2992234	50.951 ng	99
47) 2-Chloronaphthalene	13.292	162	2296762	50.305 ng	99
48) 2-Nitroaniline	13.486	65	591382	58.859 ng	99
49) Acenaphthylene	14.139	152	3878499	52.521 ng	100
50) Dimethylphthalate	13.880	163	2890771	54.500 ng	100
51) 2,6-Dinitrotoluene	13.986	165	627879	58.698 ng	97
52) Acenaphthene	14.480	154	2406891	52.109 ng	99
53) 3-Nitroaniline	14.316	138	706323	59.247 ng	98
54) 2,4-Dinitrophenol	14.516	184	350975	54.263 ng	91
55) Dibenzofuran	14.816	168	3522761	52.131 ng	100
56) 4-Nitrophenol	14.616	139	601906	59.319 ng	98
57) 2,4-Dinitrotoluene	14.774	165	876137	62.091 ng	97
58) Fluorene	15.463	166	2643113	51.068 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	786725	55.608 ng	92
60) Diethylphthalate	15.251	149	2921964	55.521 ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1293938	51.728 ng	99
62) 4-Nitroaniline	15.480	138	669832	59.947 ng	99
63) Azobenzene	15.757	77	2829707	53.794 ng	99
65) 4,6-Dinitro-2-methylph...	15.533	198	487410	58.562 ng	98
66) n-Nitrosodiphenylamine	15.674	169	2459825	51.375 ng	100
67) 4-Bromophenyl-phenylether	16.357	248	868132	53.423 ng	97
68) Hexachlorobenzene	16.468	284	993147	52.310 ng	96
69) Atrazine	16.627	200	878900	57.610 ng	100
70) Pentachlorophenol	16.804	266	711985	57.680 ng	100
71) Phenanthrene	17.198	178	4421661	50.793 ng	100
72) Anthracene	17.286	178	4499098	51.663 ng	99
73) Carbazole	17.551	167	4203693	52.985 ng	100
74) Di-n-butylphthalate	18.139	149	4951541	57.359 ng	100
75) Fluoranthene	19.209	202	4957680	54.004 ng	99
77) Benzidine	19.392	184	2489372	61.214 ng	100
78) Pyrene	19.568	202	5143501	52.769 ng	99
80) Butylbenzylphthalate	20.486	149	2036123	62.625 ng	98
81) Benzo(a)anthracene	21.368	228	4836514	52.838 ng	99
82) 3,3'-Dichlorobenzidine	21.292	252	1721840	61.684 ng	99
83) Chrysene	21.433	228	4540308	52.145 ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	3074950	61.400 ng	100
85) Di-n-octyl phthalate	22.462	149	4912405	66.103 ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	4685372	51.183 ng	100
88) Benzo(b)fluoranthene	23.439	252	4510196	54.563 ng	99
89) Benzo(k)fluoranthene	23.503	252	4604565	54.567 ng	99
90) Benzo(a)pyrene	24.238	252	4255236	54.752 ng	100
91) Dibenzo(a,h)anthracene	27.821	278	3820009	51.410 ng	100
92) Benzo(g,h,i)perylene	28.803	276	3684864	49.548 ng	99

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

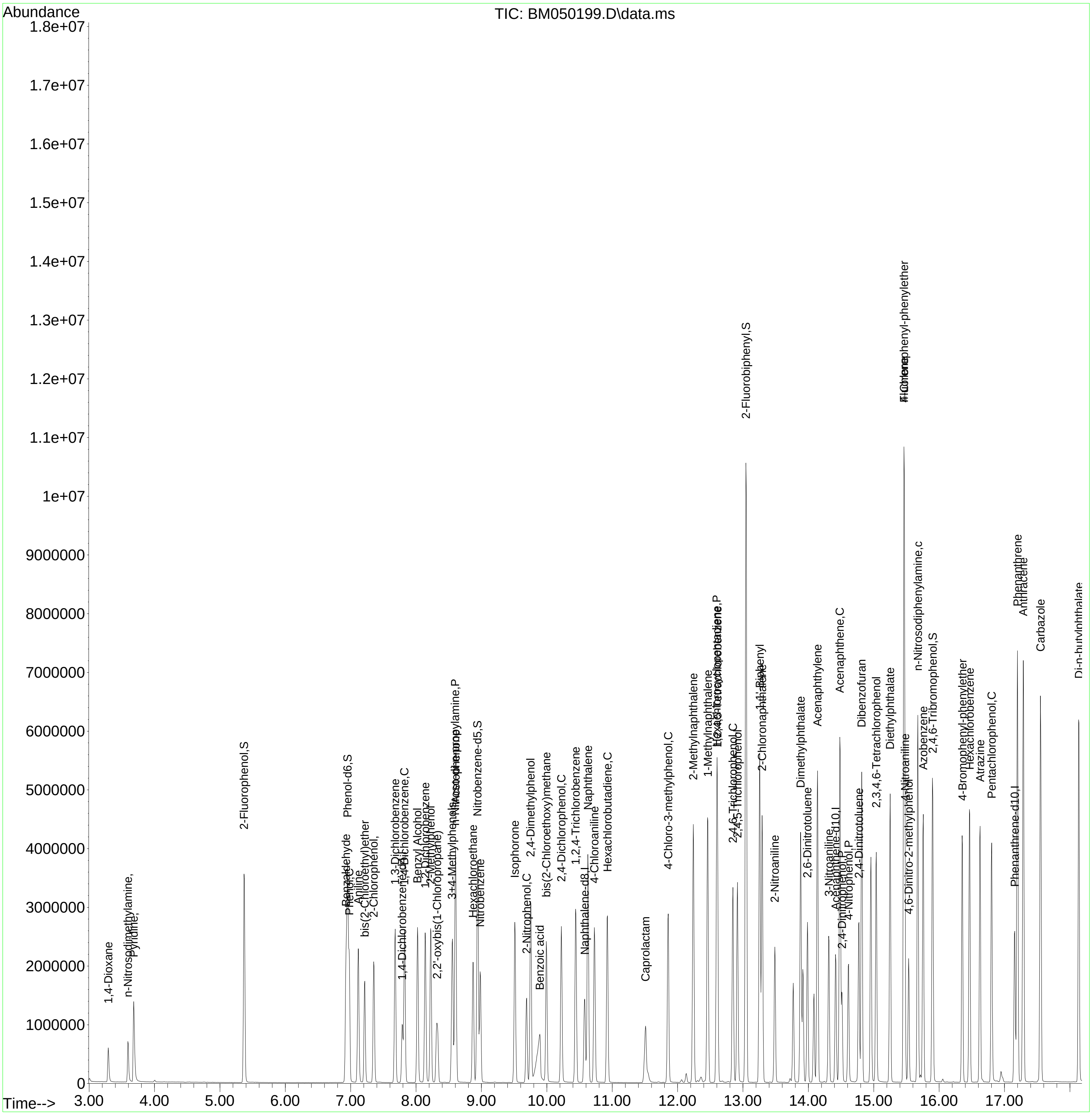
Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050199.D
Acq On : 05 Jun 2025 12:36
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jun 05 14:59:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050199.D
Acq On : 05 Jun 2025 12:36
Operator : RC/JU
Sample : SSTDICC050
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Instrument :
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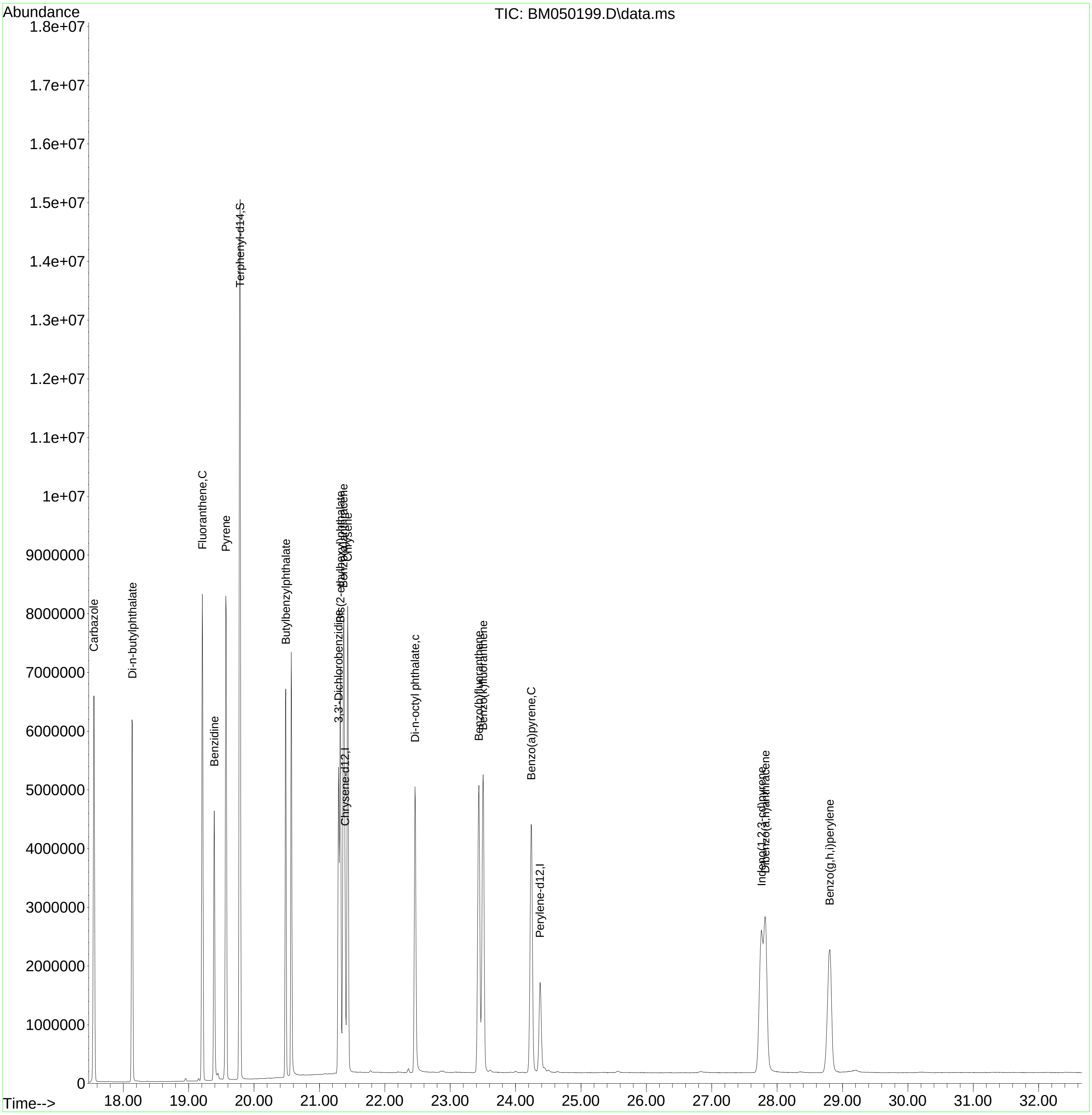
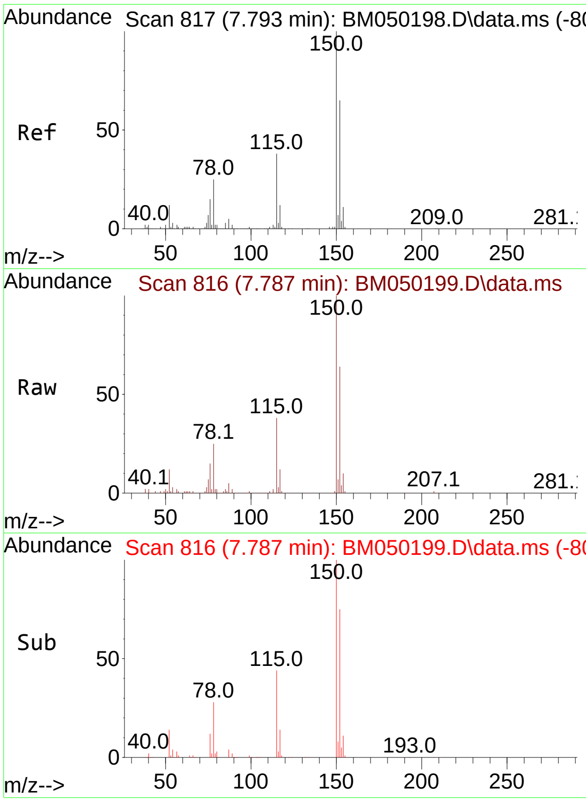
Quant Time: Jun 05 14:59:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



ICAL Form

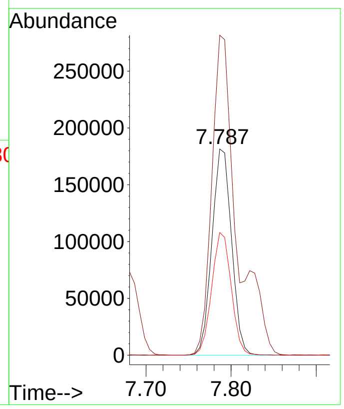


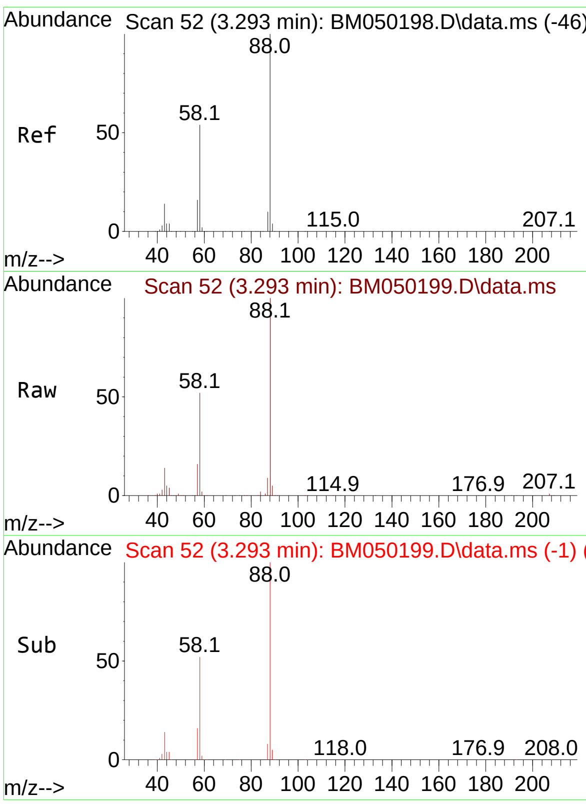
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 291057

Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.2	183.4
115	59.5	46.3	69.5

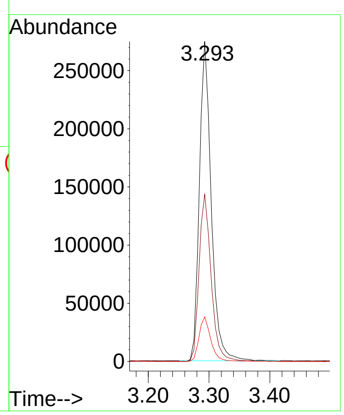




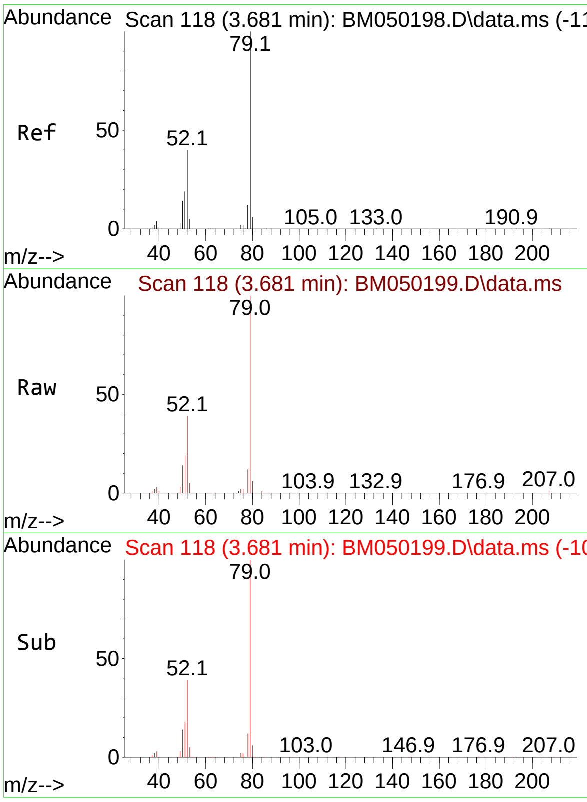
#2
1,4-Dioxane
Concen: 48.638 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 88 Resp: 371991

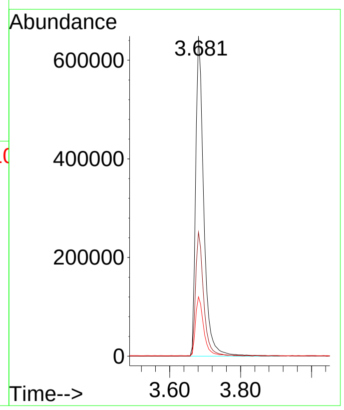
Ion	Ratio	Lower	Upper
88	100		
58	53.5	42.9	64.3
43	14.0	11.0	16.6

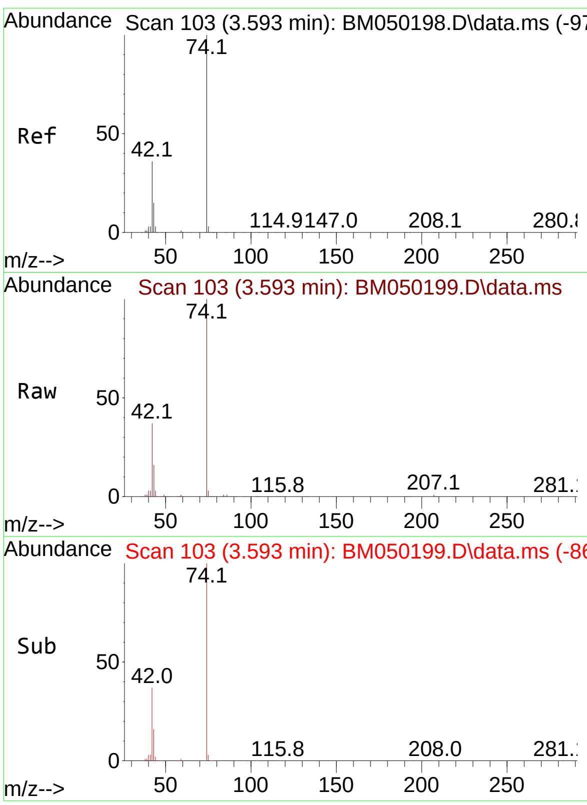


Instrument :
BNA_M
ClientSampleId :
SSTDICC050

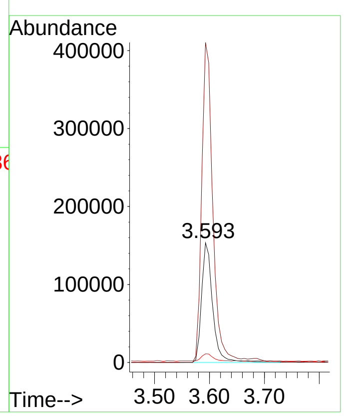



```
#3
Pyridine
Concen:   52.340 ng
RT:   3.681 min   Scan# 1
Delta R.T.   -0.000 min
Lab File:   BM050199.D
Acq: 05 Jun 2025   12:36

Tgt Ion: 79 Resp: 1036652
Ion  Ratio  Lower  Upper
 79  100
 52   38.8   32.1   48.1
 51   18.6   15.4   23.0
```



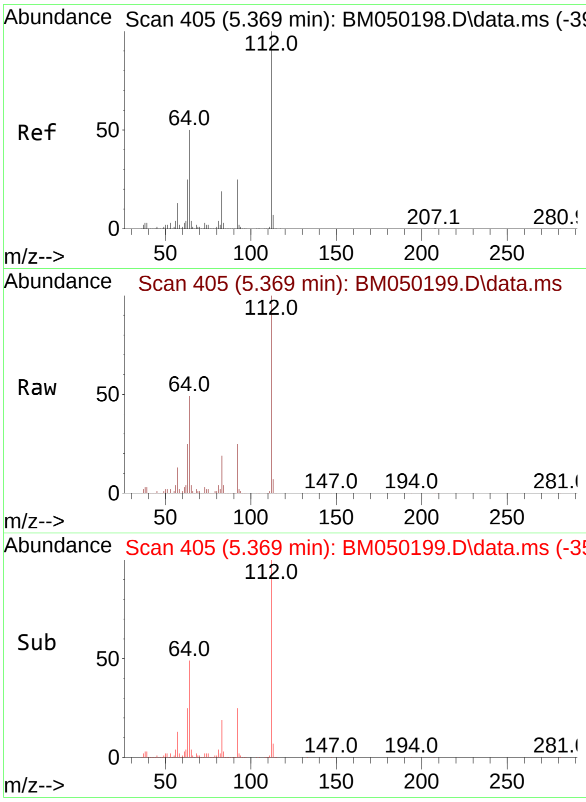



```
#4
n-Nitrosodimethylamine
Concen:   52.696 ng
RT:   3.593 min   Scan# 103
Delta R.T.   -0.000 min
Lab File:   BM050199.D
Acq: 05 Jun 2025   12:36

Tgt Ion: 42 Resp:   215821
Ion  Ratio  Lower  Upper
 42  100
 74  267.3  222.0  333.0
 44    7.3    7.0   10.6
```



ICAL Form

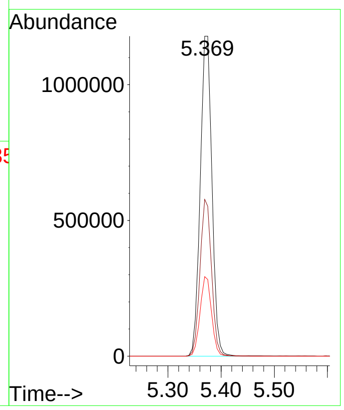
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

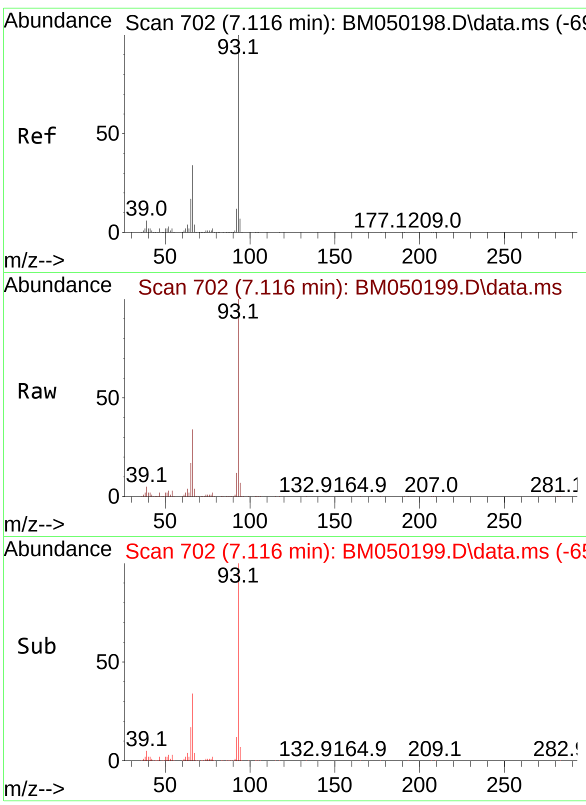


#5
2-Fluorophenol
Concen: 103.281 ng
RT: 5.369 min Scan# 40
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:112 Resp: 1802037

Ion	Ratio	Lower	Upper
112	100		
64	49.0	39.8	59.6
63	24.9	19.8	29.8

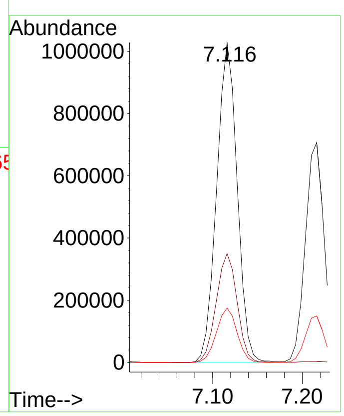




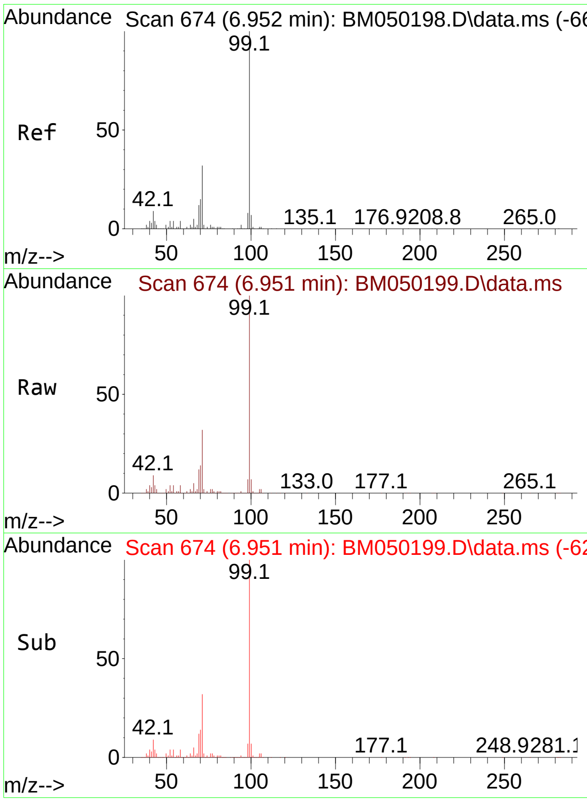
#6
Aniline
Concen: 53.917 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 93 Resp: 1637124

Ion	Ratio	Lower	Upper
93	100		
66	34.1	27.4	41.2
65	17.0	13.6	20.4



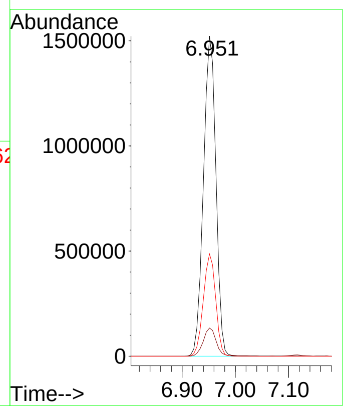
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

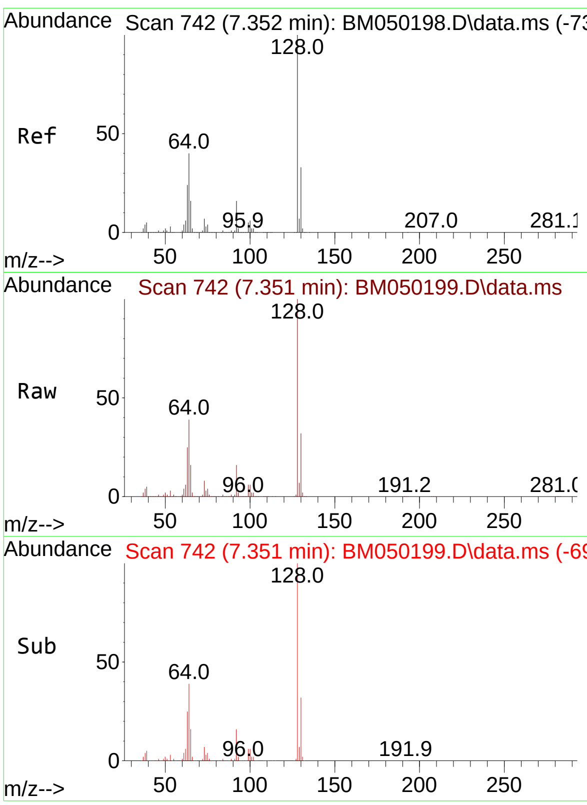


#7
Phenol-d6
Concen: 107.666 ng
RT: 6.951 min   Scan# 6
Delta R.T.   -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

Tgt Ion: 99 Resp: 2472934

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	32.0	25.3	37.9

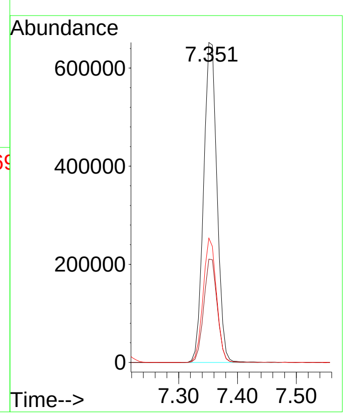




#8
2-Chlorophenol
Concen: 53.773 ng
RT: 7.351 min   Scan# 742
Delta R.T.   -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

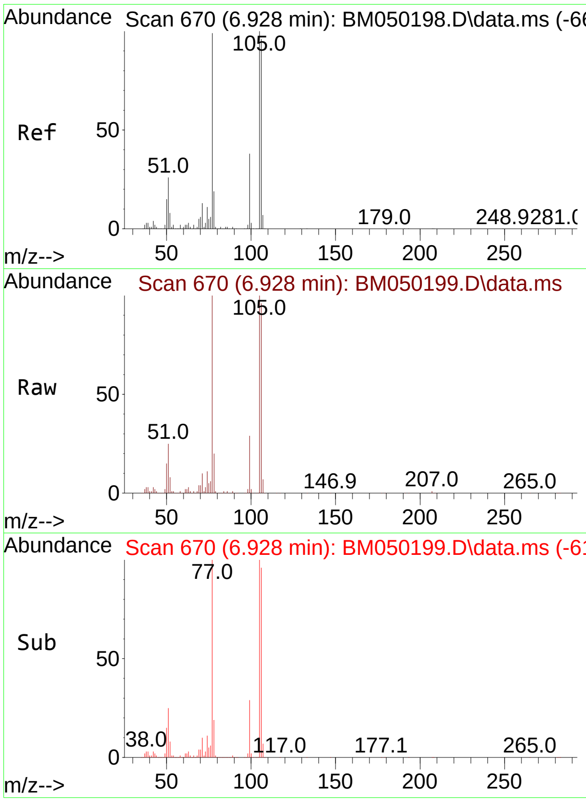
Tgt Ion:128 Resp: 1032007

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	38.8	19.8	59.8



ICAL Form

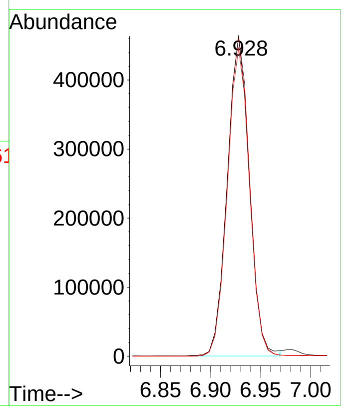
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

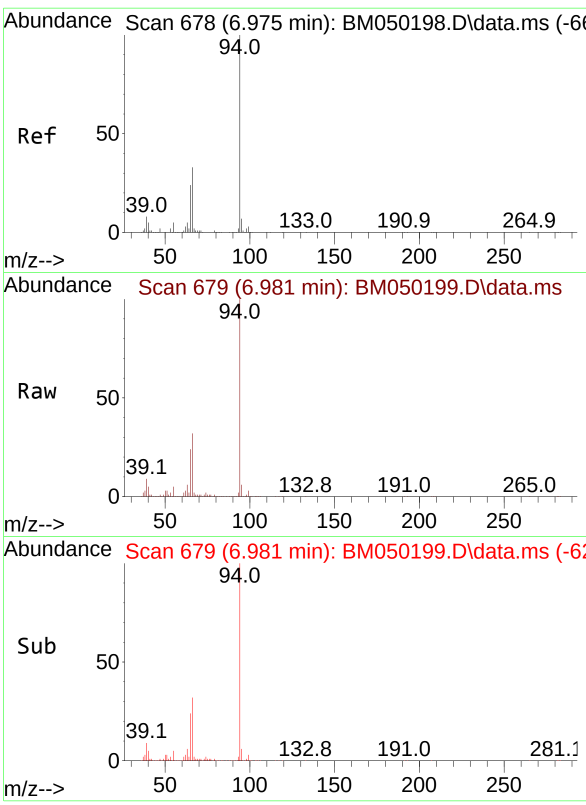


#9
Benzaldehyde
Concen: 48.594 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 77 Resp: 709626

Ion	Ratio	Lower	Upper
77	100		
105	100.3	80.9	120.9
106	96.5	77.1	117.1

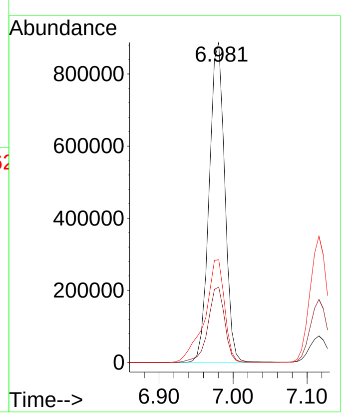




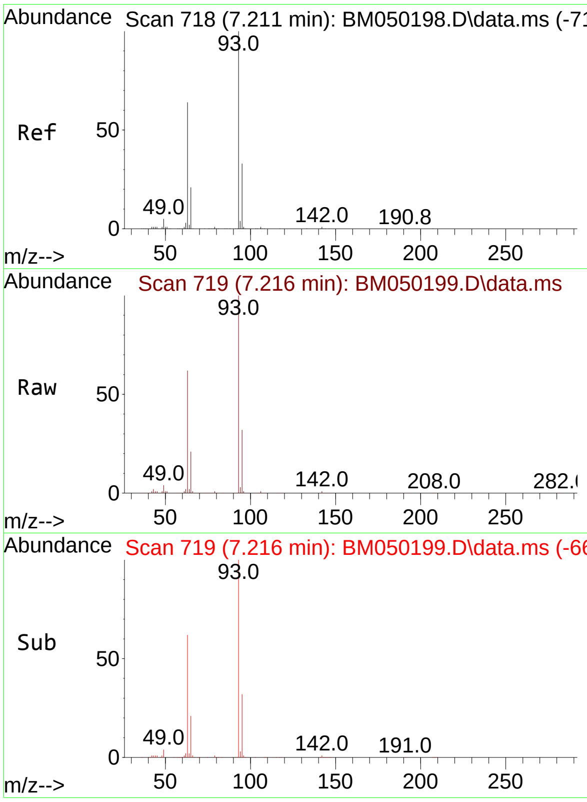
#10
Phenol
Concen: 53.347 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 94 Resp: 1296462

Ion	Ratio	Lower	Upper
94	100		
65	23.6	4.3	44.3
66	32.1	12.9	52.9



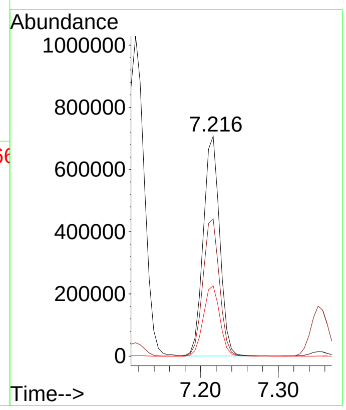
Instrument : BNA_M
ClientSampleId : SSTDICC050

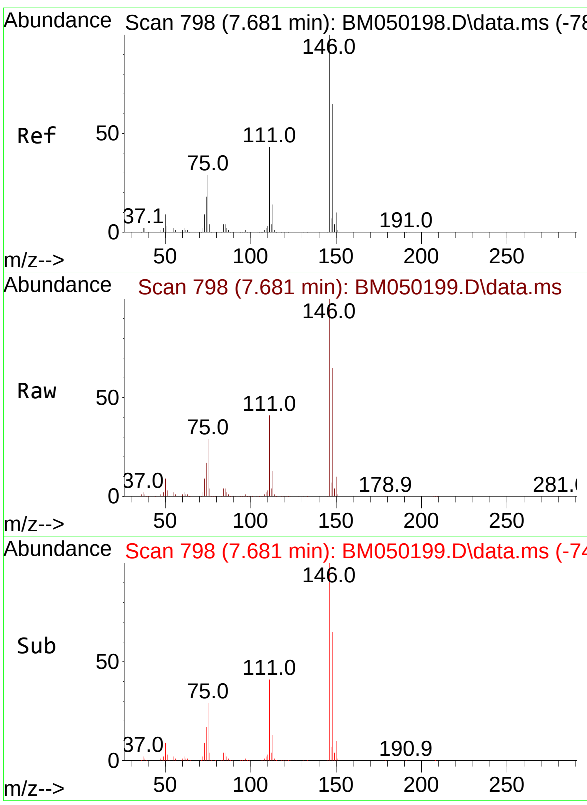


#11
bis(2-Chloroethyl)ether
Concen: 53.164 ng
RT: 7.216 min   Scan# 71
Delta R.T.   0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

Tgt Ion: 93 Resp: 1039221

Ion	Ratio	Lower	Upper
93	100		
63	62.4	43.9	83.9
95	32.0	12.7	52.7

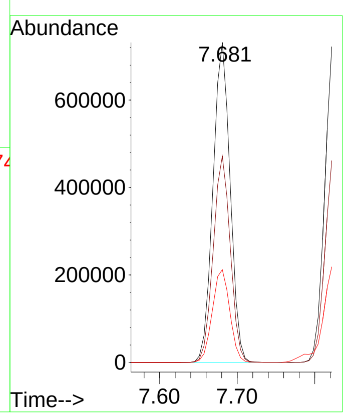




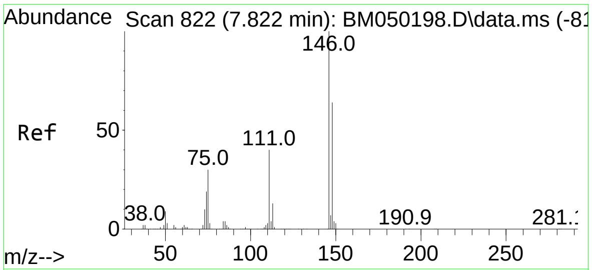
#12
1,3-Dichlorobenzene
Concen: 52.412 ng
RT: 7.681 min   Scan# 798
Delta R.T.   -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

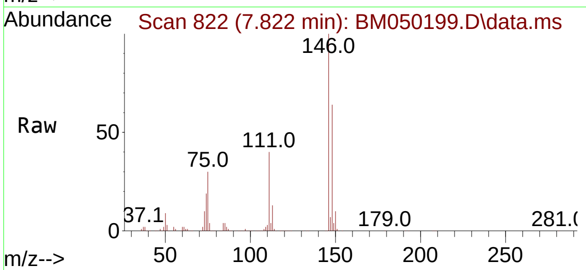
Tgt Ion:146 Resp: 1124523

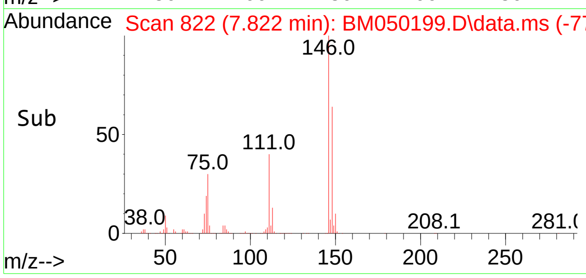
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
75	29.0	23.4	35.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC050



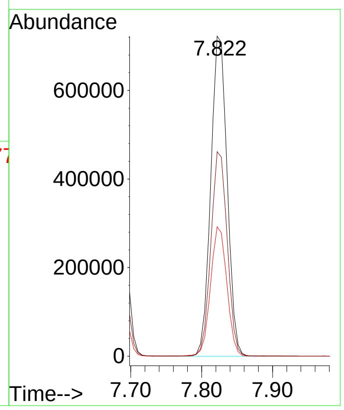


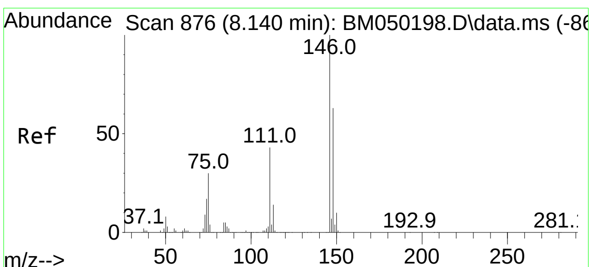


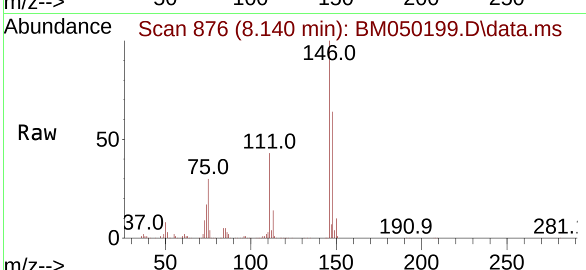
#13
1,4-Dichlorobenzene
Concen: 51.870 ng
RT: 7.822 min   Scan# 8
Delta R.T.   -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

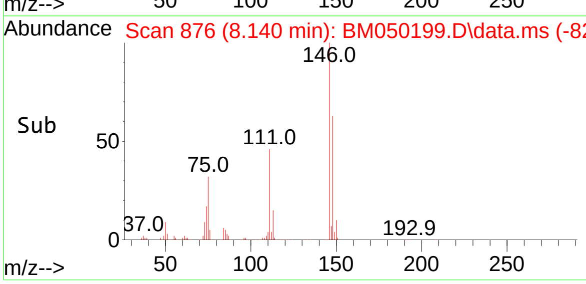
Tgt Ion:146 Resp: 1157927

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
111	40.5	32.3	48.5





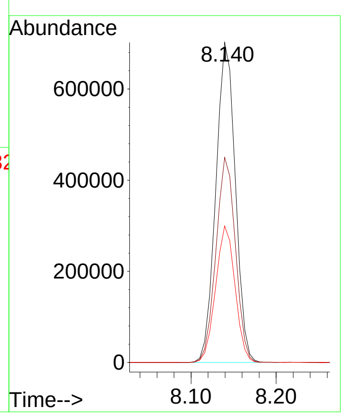




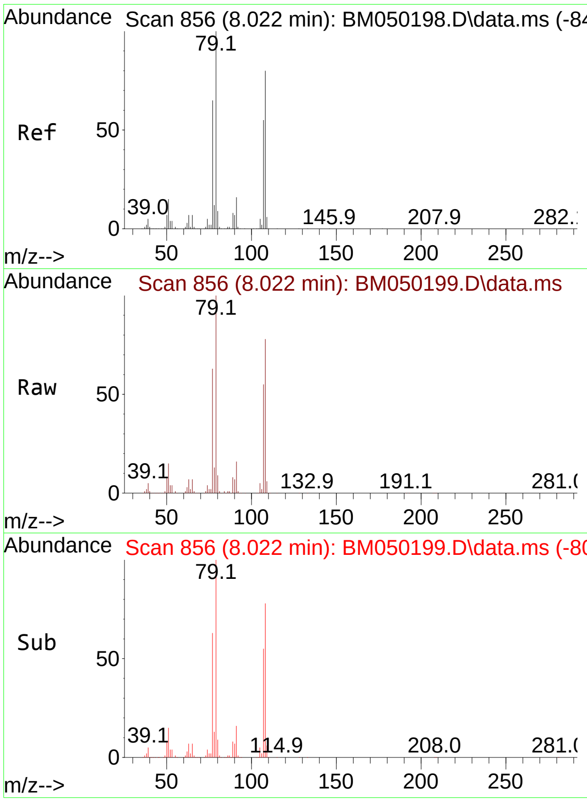
#14
1,2-Dichlorobenzene
Concen: 52.663 ng
RT: 8.140 min   Scan# 876
Delta R.T.   -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

Tgt Ion:146 Resp: 1120717

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	42.7	34.3	51.5



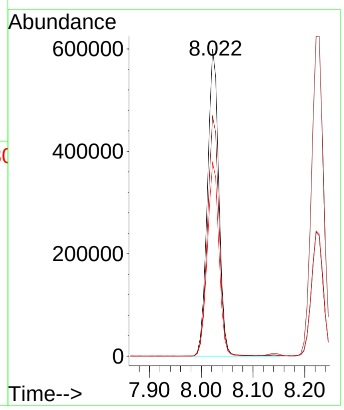
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

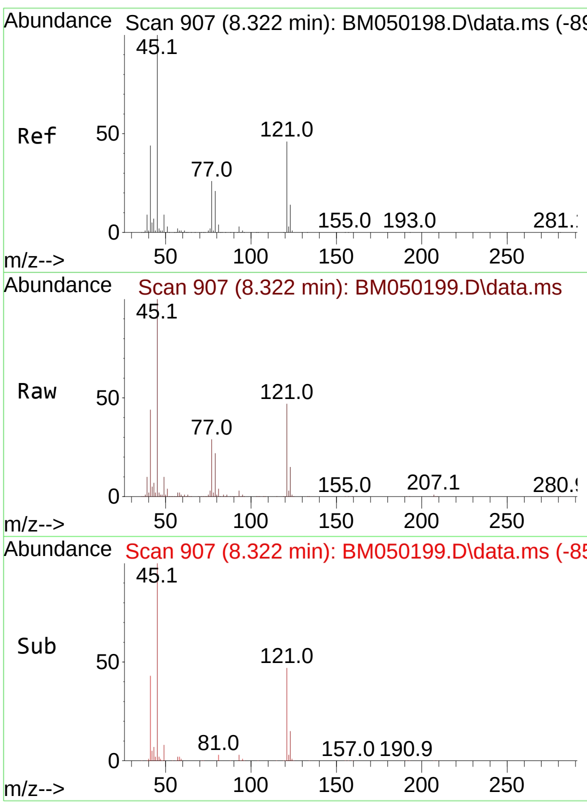


#15
Benzyl Alcohol
Concen: 56.274 ng
RT: 8.022 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 79 Resp: 921887

Ion	Ratio	Lower	Upper
79	100		
108	78.0	64.0	96.0
77	63.0	52.2	78.2

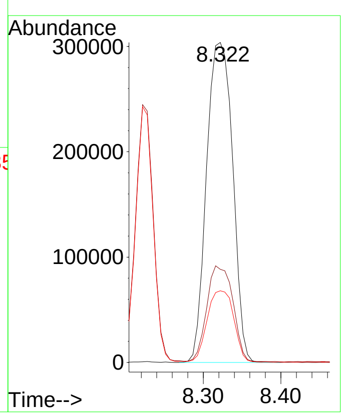




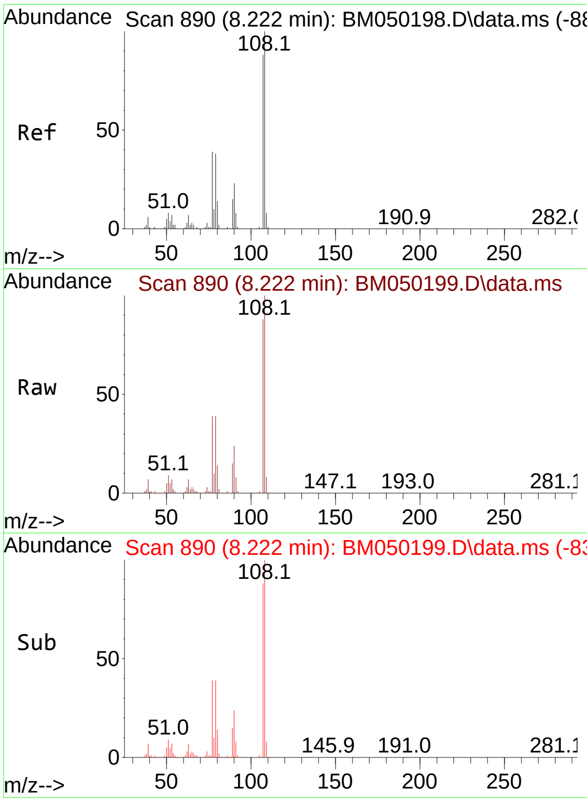
#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.417 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 45 Resp: 711769

Ion	Ratio	Lower	Upper
45	100		
77	29.1	8.7	48.7
79	22.4	2.7	42.7



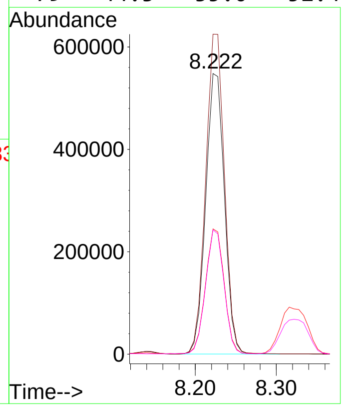
Instrument : BNA_M
ClientSampleId : SSTDICC050

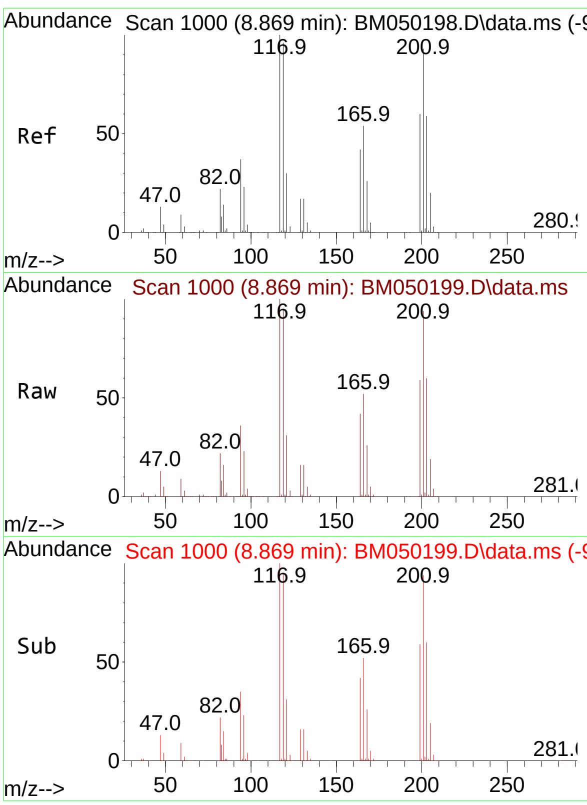


#17
2-Methylphenol
Concen: 54.767 ng
RT: 8.222 min   Scan# 89
Delta R.T.   -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

Tgt Ion:107 Resp: 878183

Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.8	136.2
77	44.6	35.7	53.5
79	44.3	35.0	52.4

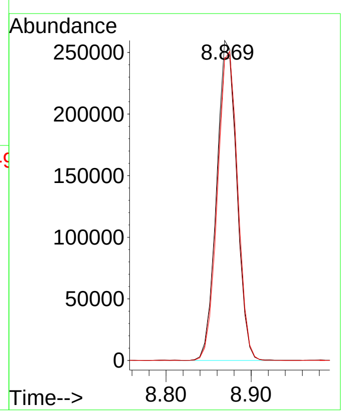




#18
Hexachloroethane
Concen: 53.371 ng
RT: 8.869 min   Scan# 1000
Delta R.T.   -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

Tgt Ion:117 Resp: 431469

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.0	115.6
201	94.2	74.6	111.8



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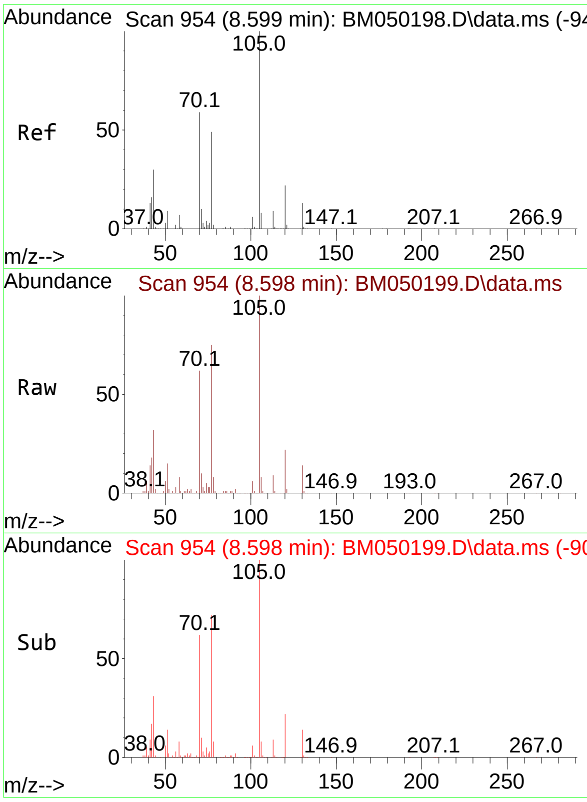
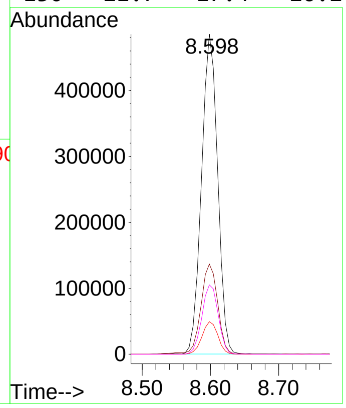
Instrument : BNA_M
ClientSampleId : SSTDICC050

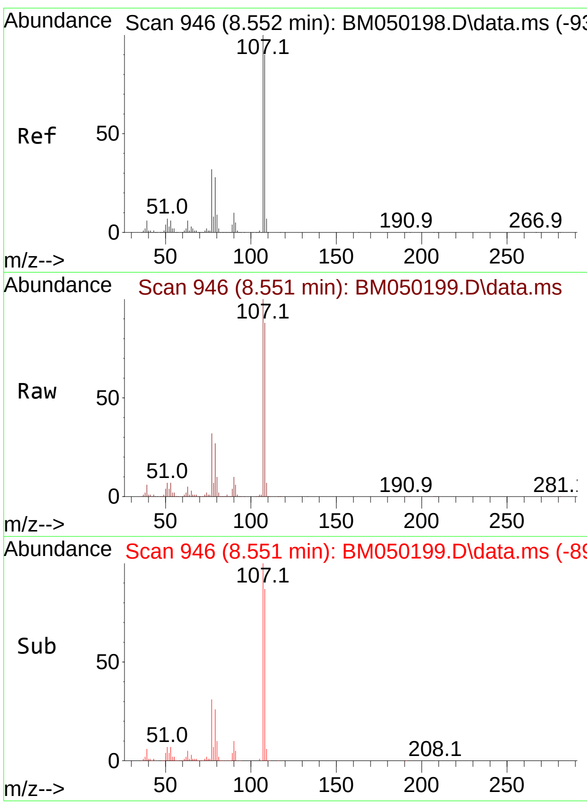


#19
n-Nitroso-di-n-propylamine
Concen: 56.751 ng
RT: 8.598 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 70 Resp: 797673

Ion	Ratio	Lower	Upper
70	100		
42	28.2	22.6	33.8
101	10.2	8.3	12.5
130	21.7	17.4	26.2

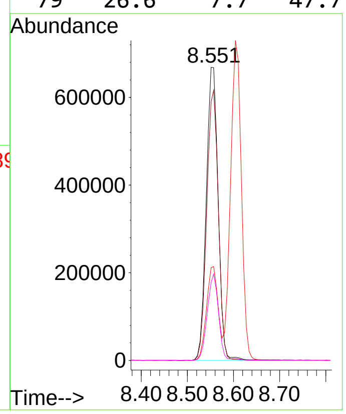




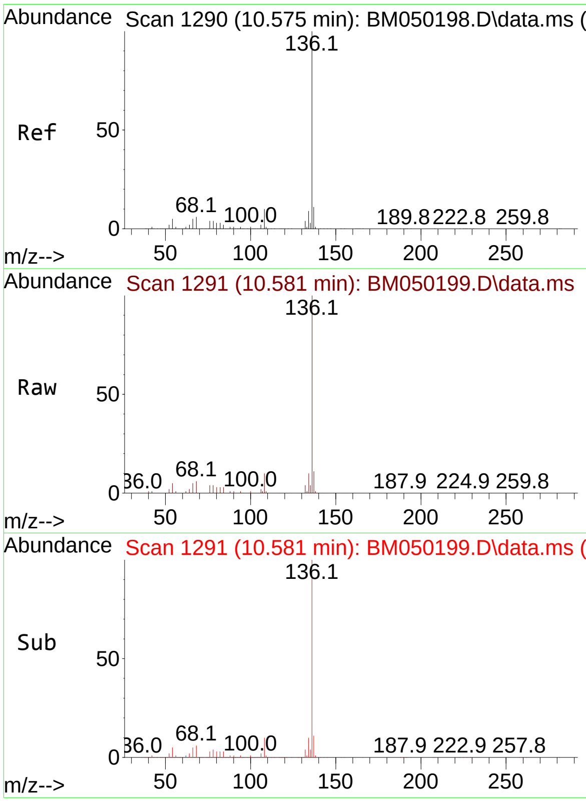
#20
3+4-Methylphenols
Concen: 56.326 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:107 Resp: 1208370

Ion	Ratio	Lower	Upper
107	100		
108	88.2	70.4	110.4
77	31.7	12.2	52.2
79	26.6	7.7	47.7



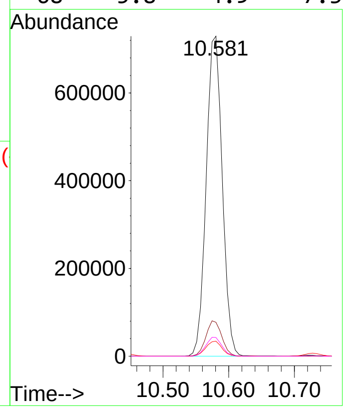
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

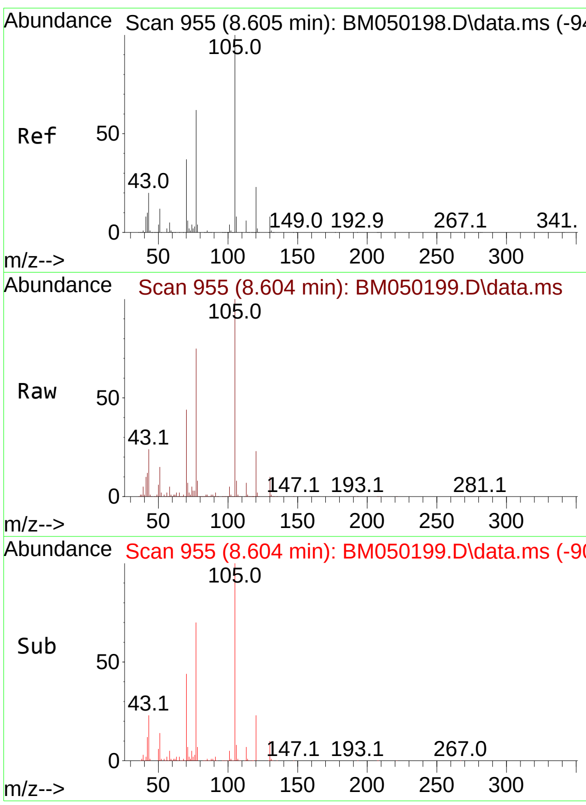


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:136 Resp: 1245308

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	4.7	3.8	5.8
68	5.8	4.9	7.3

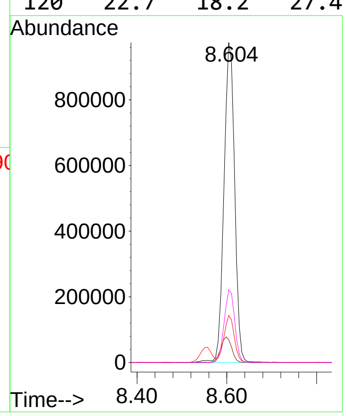




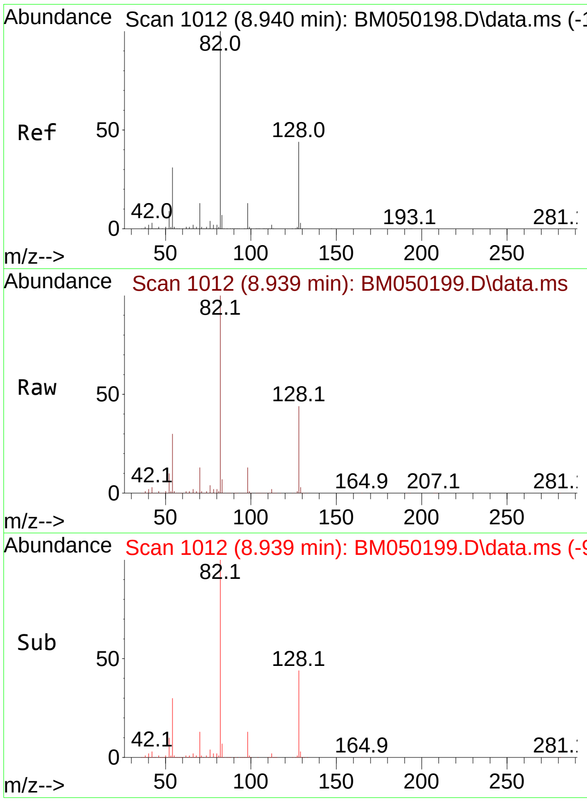
#22
Acetophenone
Concen: 51.949 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:105 Resp: 1616196

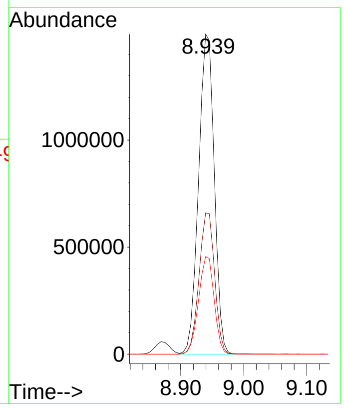
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.0	7.4
51	14.7	11.4	17.2
120	22.7	18.2	27.4

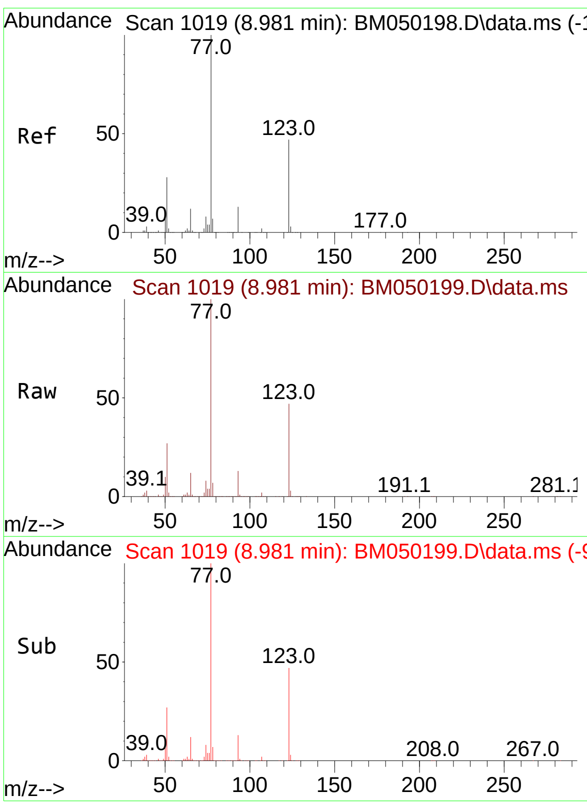


Instrument :
BNA_M
ClientSampleId :
SSTDICC050

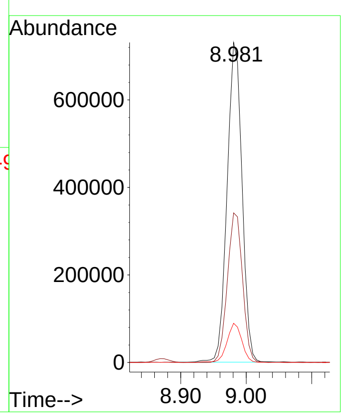



```
#23
Nitrobenzene-d5
Concen:  107.728 ng
RT:   8.939 min  Scan# 1
Delta R.T.   -0.000 min
Lab File:    BM050199.D
Acq: 05 Jun 2025  12:36

Tgt Ion: 82 Resp: 2579483
Ion  Ratio  Lower  Upper
 82  100
128   44.2   35.2   52.8
 54   30.5   24.5   36.7
```

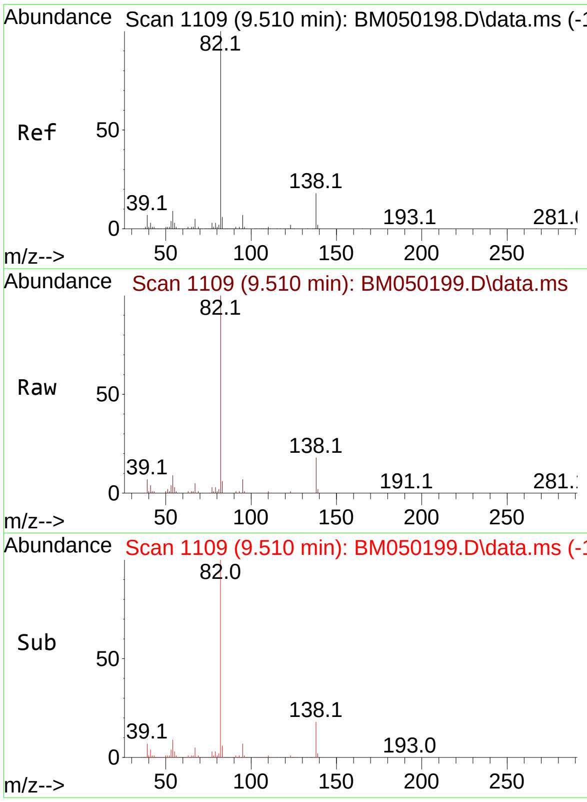





```
#24
Nitrobenzene
Concen:   52.895 ng
RT:   8.981 min  Scan# 1019
Delta R.T.   -0.000 min
Lab File:    BM050199.D
Acq: 05 Jun 2025  12:36

Tgt Ion: 77 Resp: 1151898
Ion  Ratio  Lower  Upper
 77  100
123   46.7   38.2   57.2
 65   12.2    9.5   14.3
```



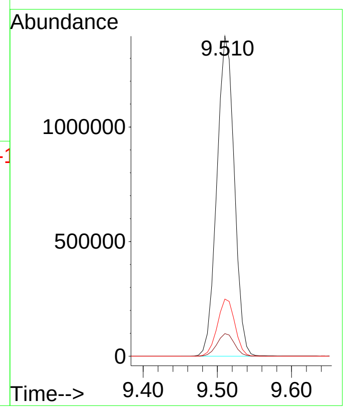
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

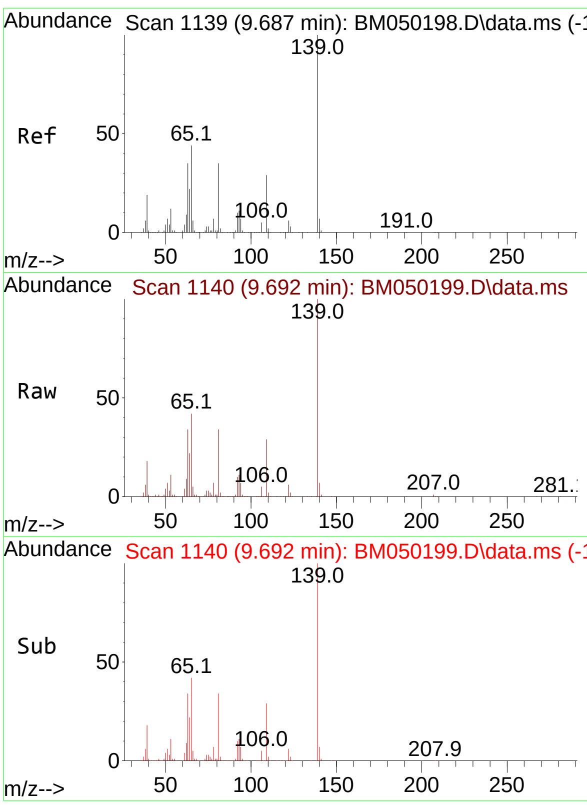


#25
Isophorone
Concen: 55.187 ng
RT: 9.510 min   Scan# 1109
Delta R.T.   -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

Tgt Ion: 82 Resp: 2280770

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	17.8	14.2	21.2

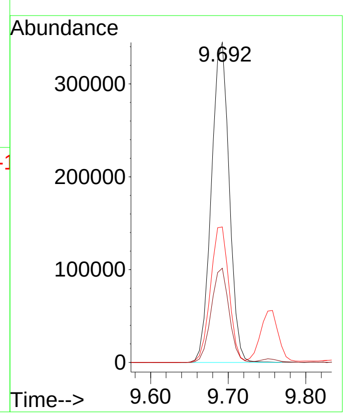




#26
2-Nitrophenol
Concen: 58.828 ng
RT: 9.692 min   Scan# 1140
Delta R.T.   0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

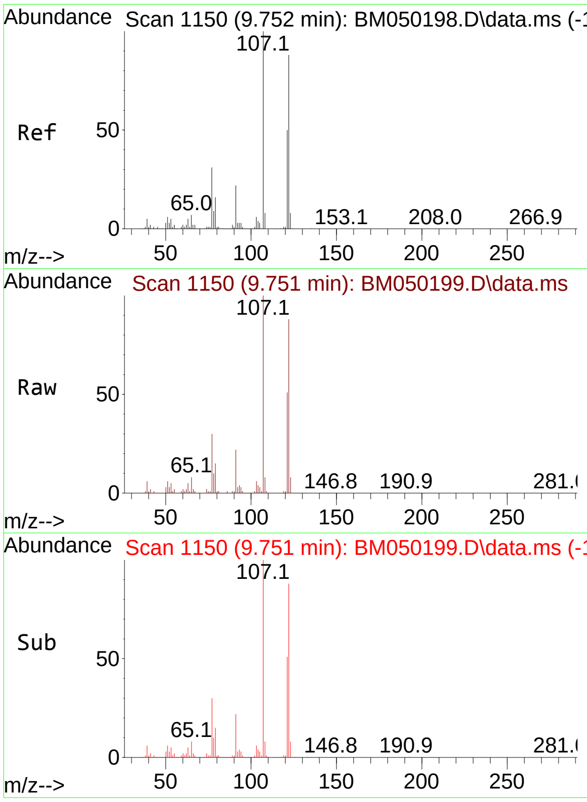
Tgt Ion:139 Resp: 552994

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.3	34.9
65	42.3	35.2	52.8



ICAL Form

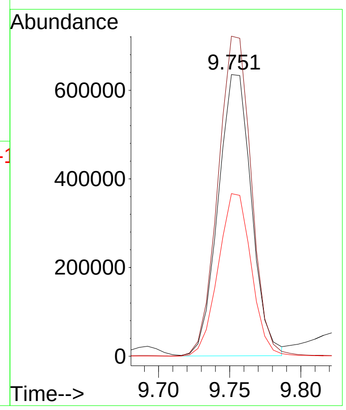
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

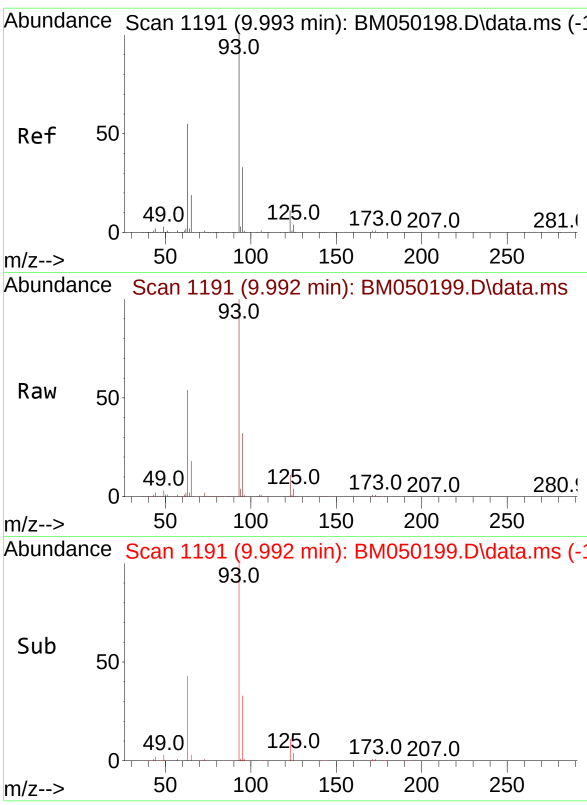


#27
2,4-Dimethylphenol
Concen: 53.511 ng
RT: 9.751 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:122 Resp: 1034501

Ion	Ratio	Lower	Upper
122	100		
107	113.6	91.0	136.6
121	57.7	45.8	68.6

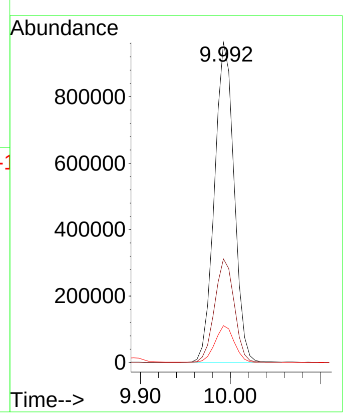




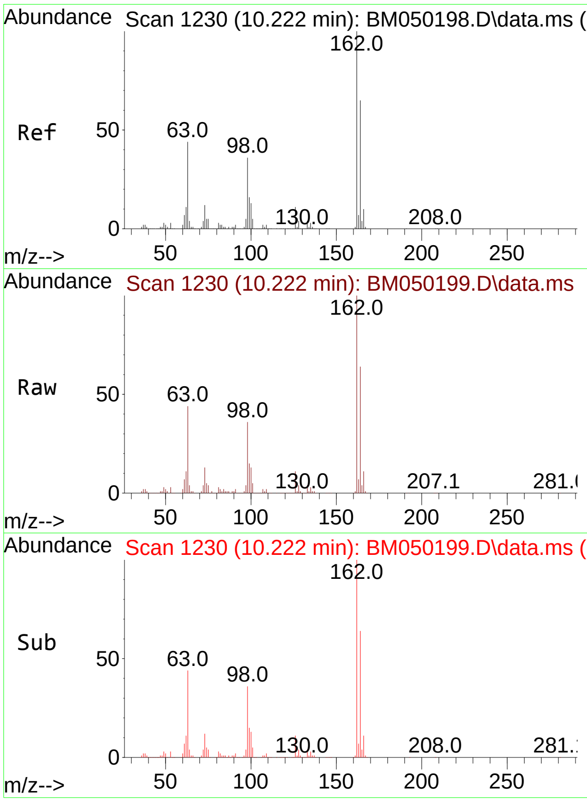
#28
bis(2-Chloroethoxy)methane
Concen: 54.208 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 93 Resp: 1463553

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.5	8.9	13.3



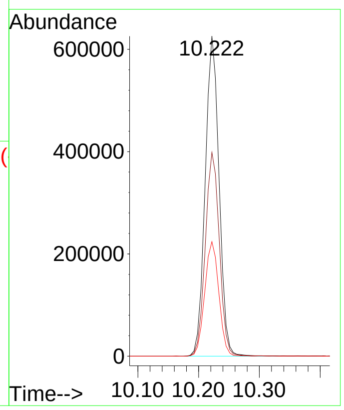
Instrument : BNA_M
ClientSampleId : SSTDICC050

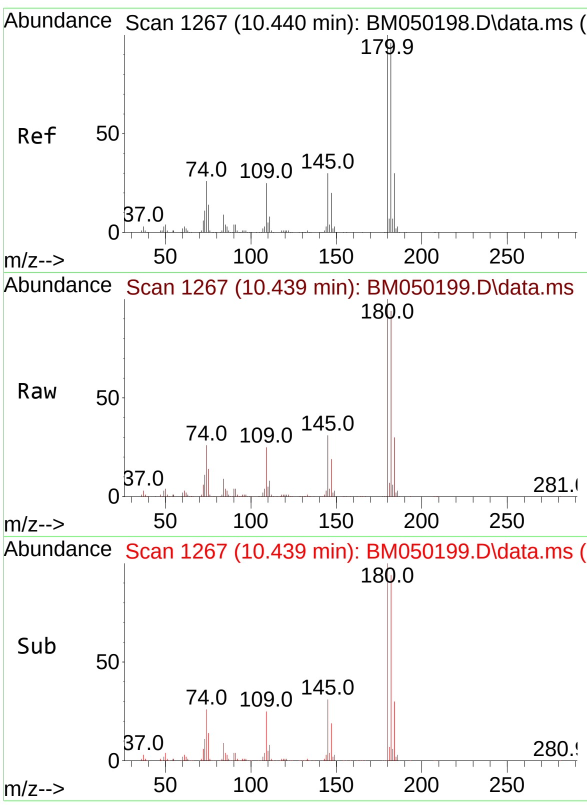


#29
2,4-Dichlorophenol
Concen: 55.499 ng
RT: 10.222 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:162 Resp: 991973

Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.0	85.0
98	35.8	16.3	56.3

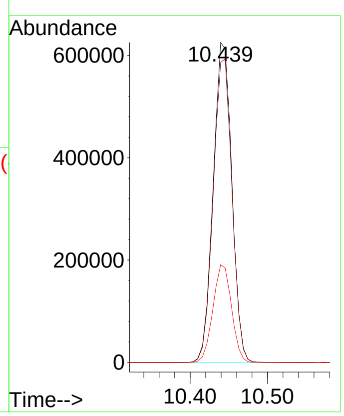




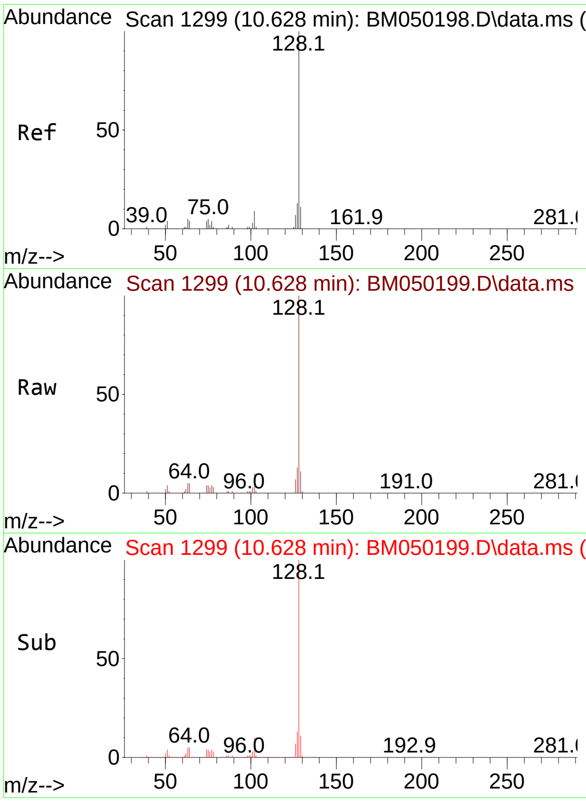
#30
1,2,4-Trichlorobenzene
Concen: 52.734 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:180 Resp: 1048864

Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.6	114.8
145	30.5	24.2	36.4



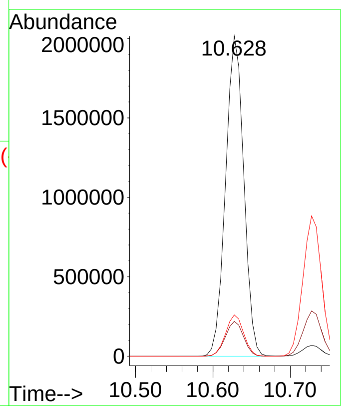
Instrument : BNA_M
ClientSampleId : SSTDICC050

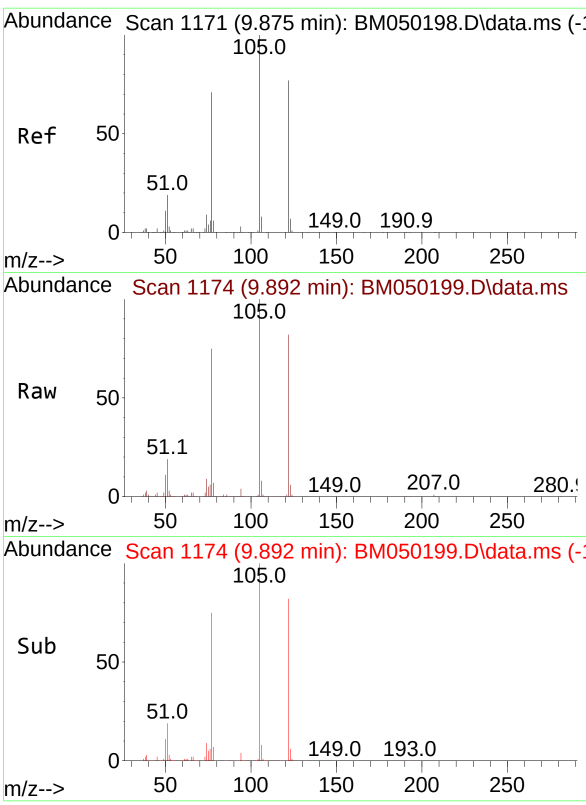


#31
Naphthalene
Concen: 51.309 ng
RT: 10.628 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:128 Resp: 3303529

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.9	10.2	15.4

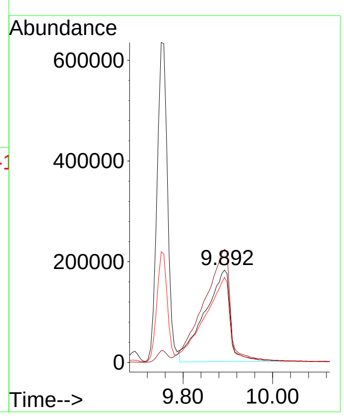




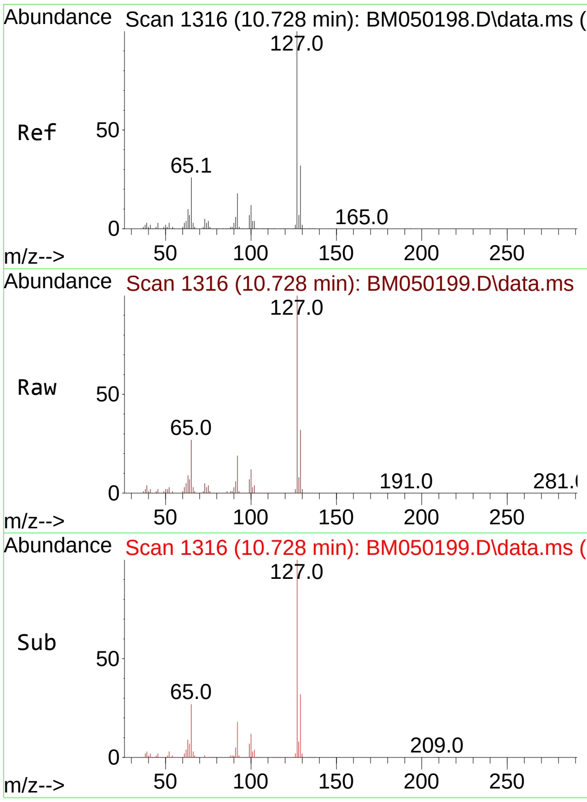
#32
Benzoic acid
Concen: 59.774 ng
RT: 9.892 min Scan# 1174
Delta R.T. 0.017 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:122 Resp: 725550

Ion	Ratio	Lower	Upper
122	100		
105	122.3	103.4	143.4
77	92.1	70.3	110.3



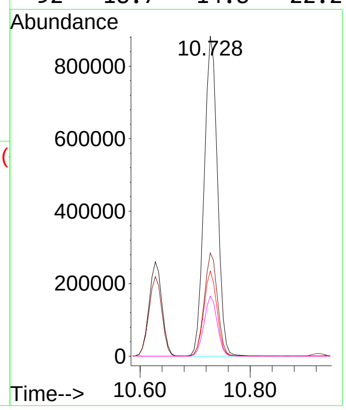
Instrument : BNA_M
ClientSampleId : SSTDICC050

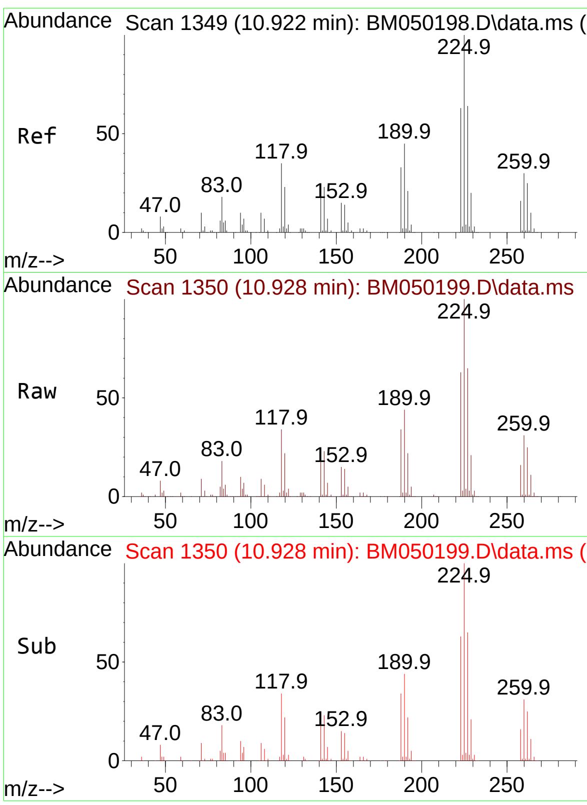


#33
4-Chloroaniline
Concen: 54.095 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:127 Resp: 1484906

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.0
65	26.6	21.0	31.4
92	18.7	14.8	22.2

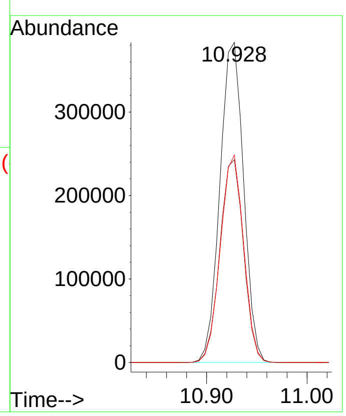




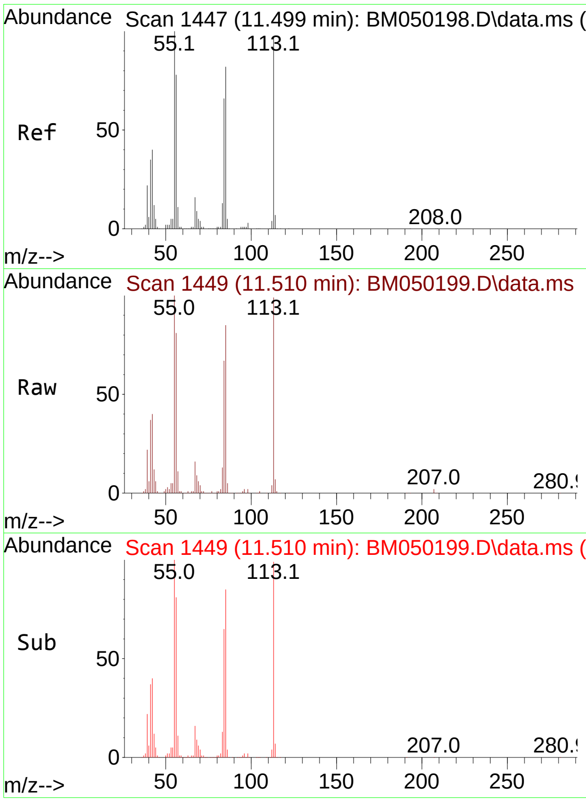
#34
Hexachlorobutadiene
Concen: 53.185 ng
RT: 10.928 min Scan# 1350
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:225 Resp: 629209

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.2
227	64.8	51.0	76.4



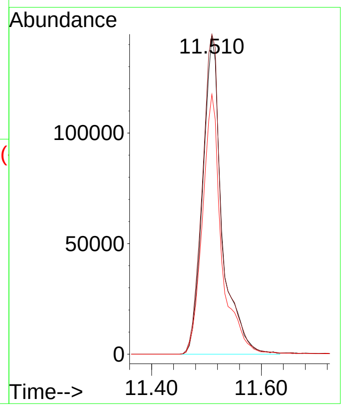
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

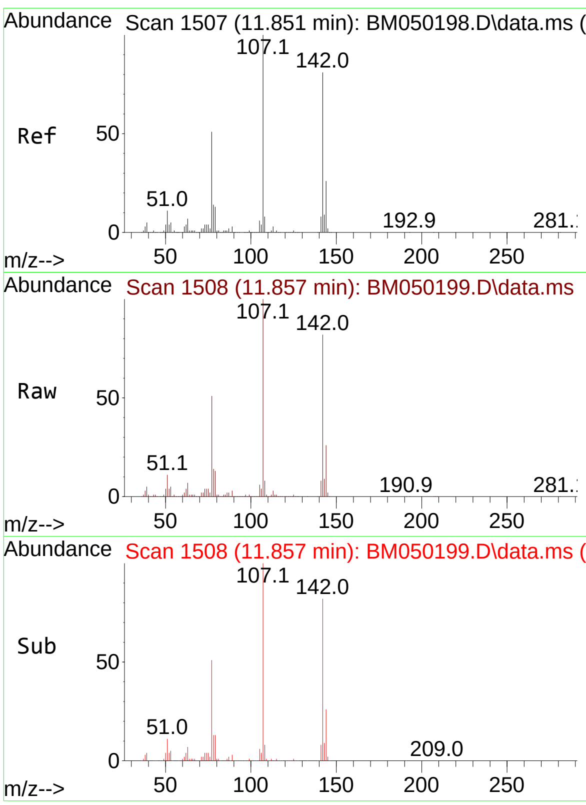


#35
Caprolactam
Concen: 61.561 ng
RT: 11.510 min Scan# 14
Delta R.T. 0.011 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:113 Resp: 348835

Ion	Ratio	Lower	Upper
113	100		
55	100.7	83.5	123.5
56	81.8	60.6	100.6

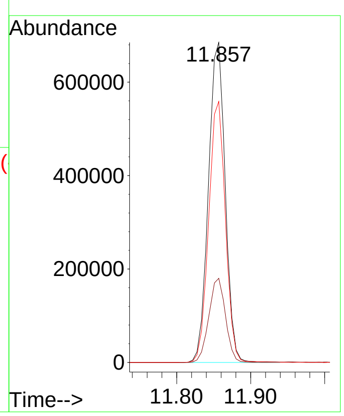




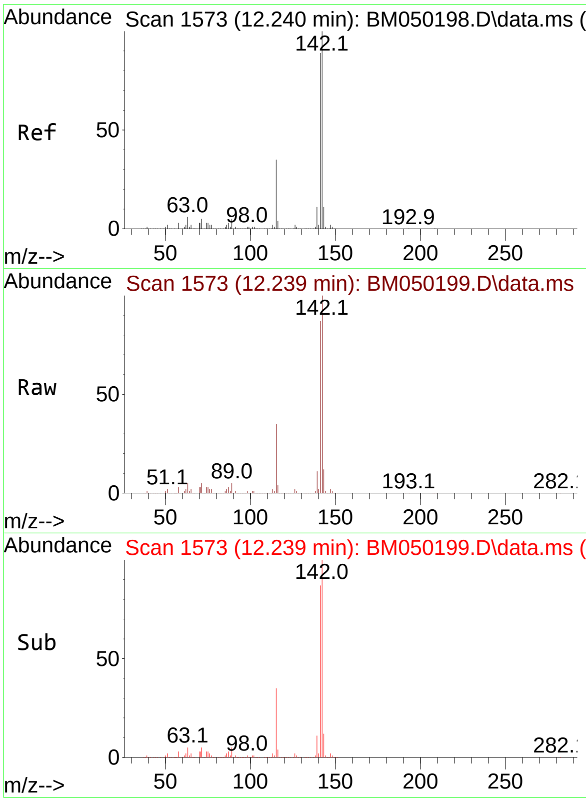
#36
4-Chloro-3-methylphenol
Concen: 56.680 ng
RT: 11.857 min Scan# 1508
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:107 Resp: 1081009

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.0	31.6
142	81.6	64.8	97.2



ICAL Form



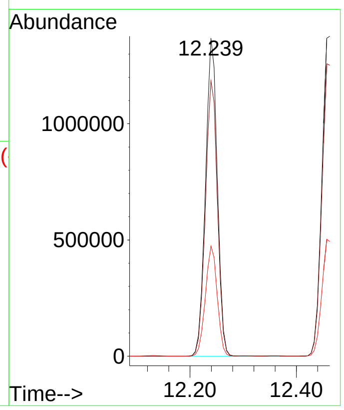
#37
2-Methylnaphthalene
Concen: 54.400 ng
RT: 12.239 min Scan# 1

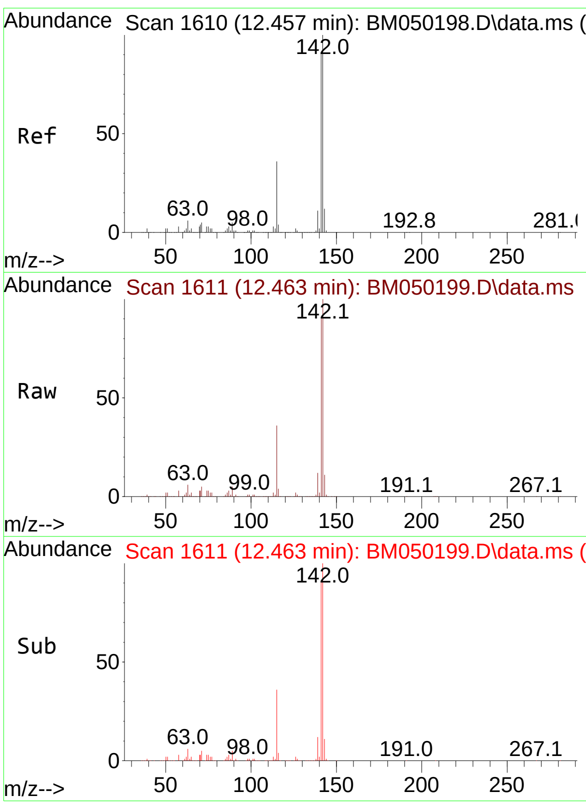
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:142 Resp: 2112994

Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.5	107.3
115	34.7	27.8	41.8

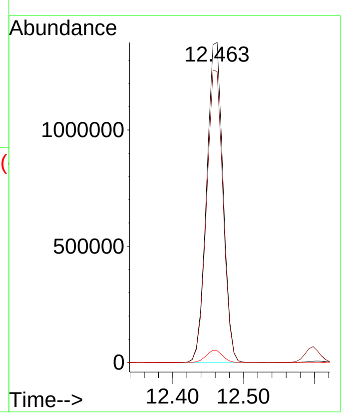




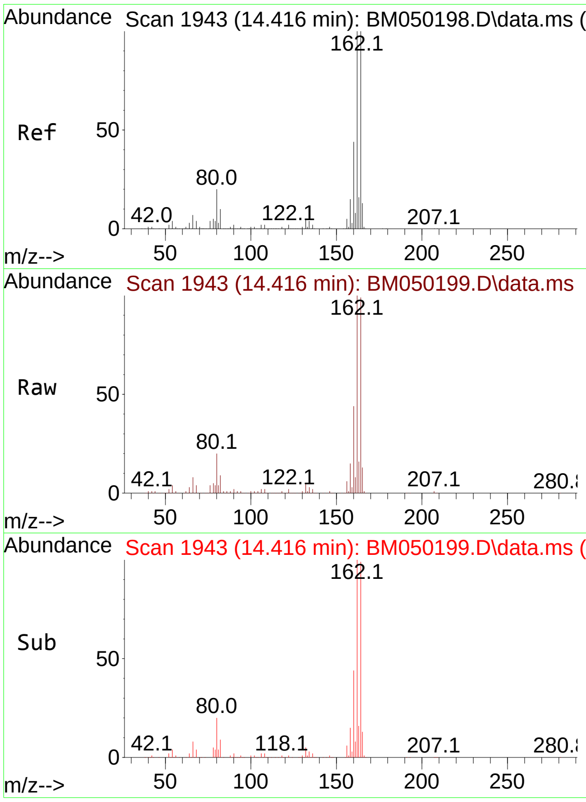
#38
1-Methylnaphthalene
Concen: 53.945 ng
RT: 12.463 min Scan# 1611
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:142 Resp: 2223932

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.9	109.3
116	3.6	3.0	4.6



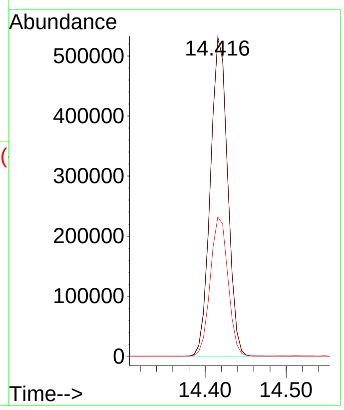
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

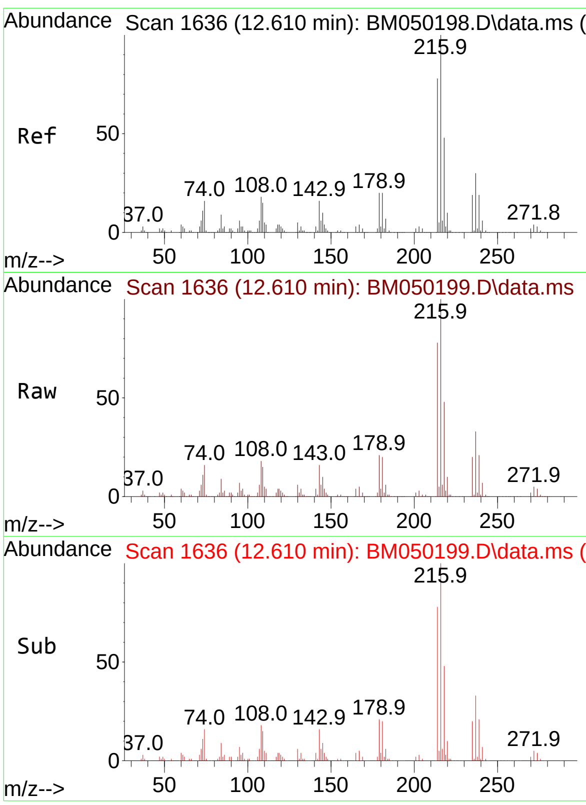


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 19
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:164 Resp: 784298

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.4
160	44.0	35.7	53.5

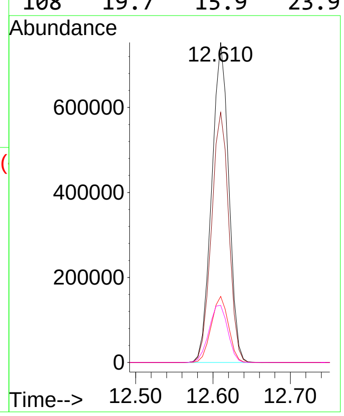




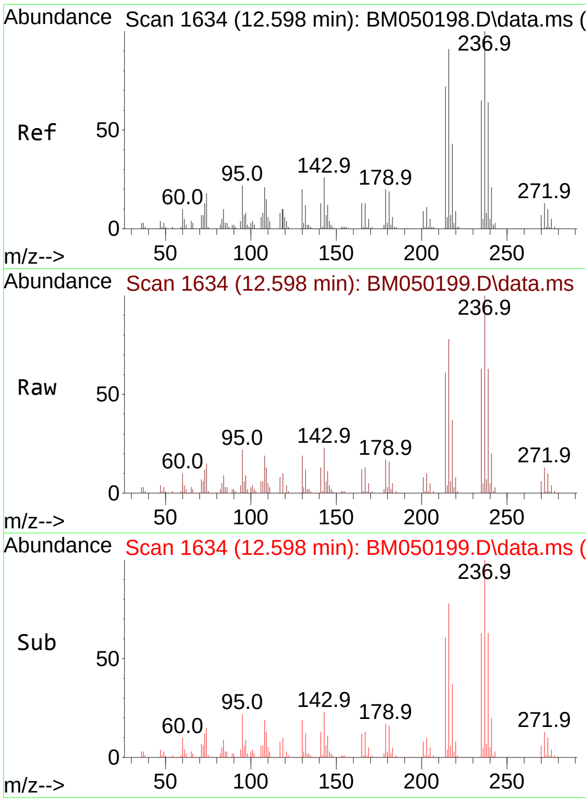
#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.030 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:216 Resp: 1155693

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	20.8	16.6	25.0
108	19.7	15.9	23.9



ICAL Form

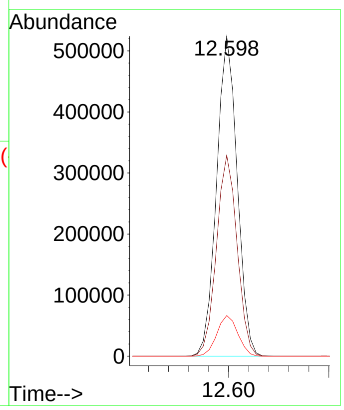


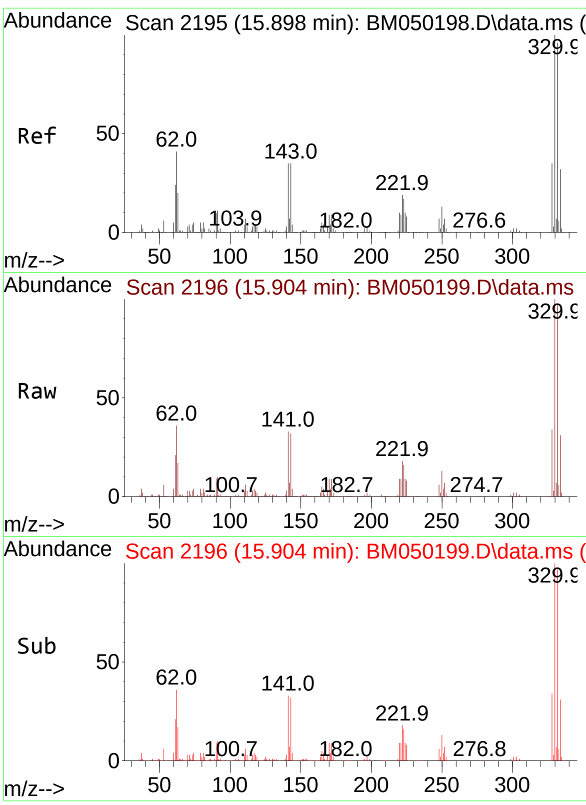
#41
Hexachlorocyclopentadiene
Concen: 54.466 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 749110

Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.6	84.6
272	12.7	0.0	33.1

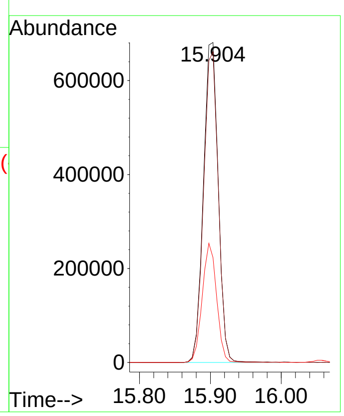




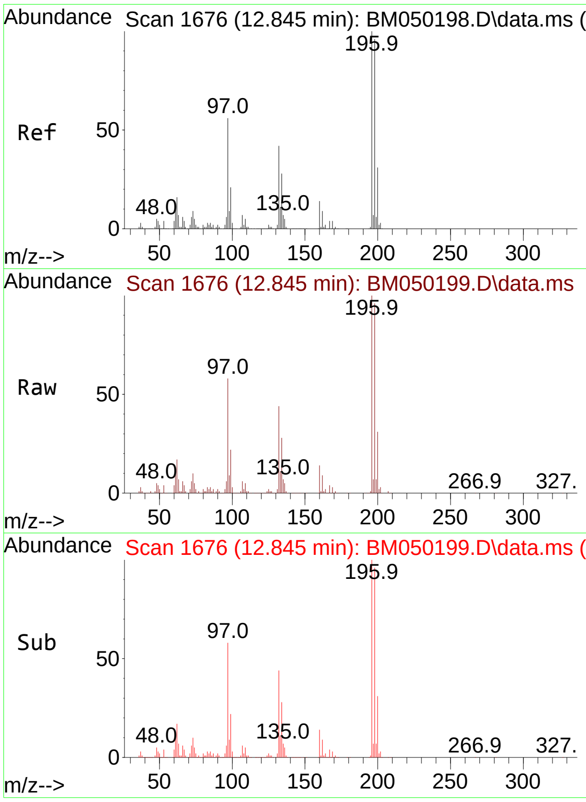
#42
2,4,6-Tribromophenol
Concen: 111.437 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:330 Resp: 994114

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.5	116.3
141	36.0	28.8	43.2



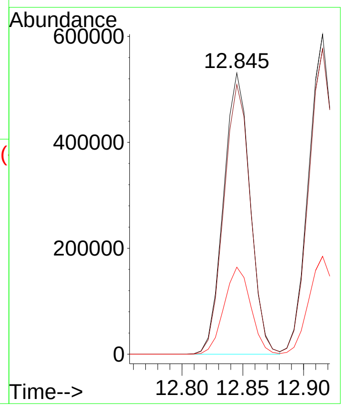
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

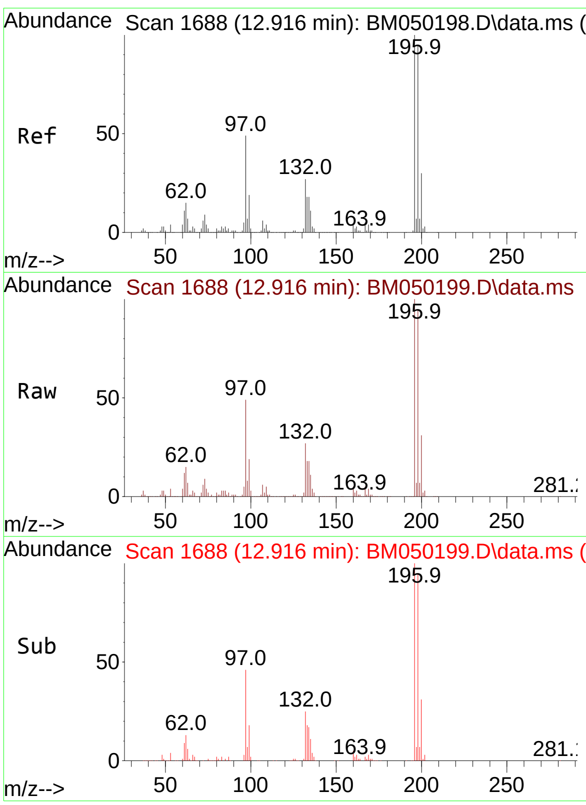


#43
2,4,6-Trichlorophenol
Concen: 54.440 ng
RT: 12.845 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:196 Resp: 810794

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.6	115.0
200	30.9	24.5	36.7

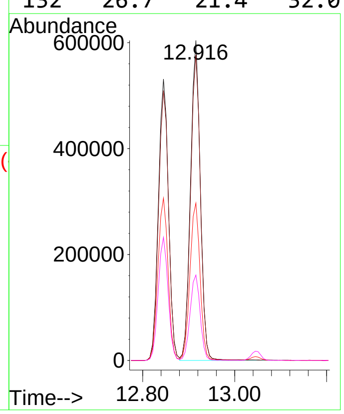




#44
2,4,5-Trichlorophenol
Concen: 54.822 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:196 Resp: 896452

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.1	114.1
97	49.2	39.3	58.9
132	26.7	21.4	32.0



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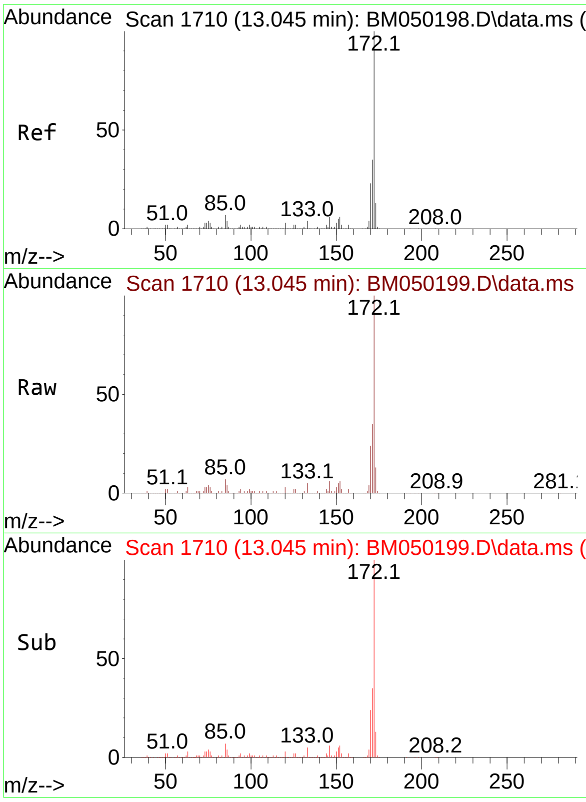
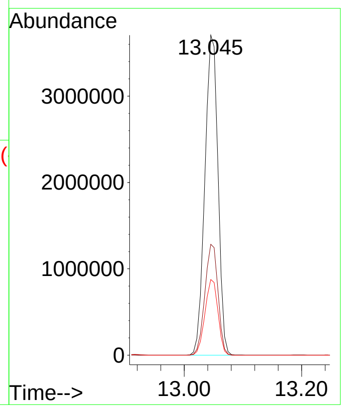
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

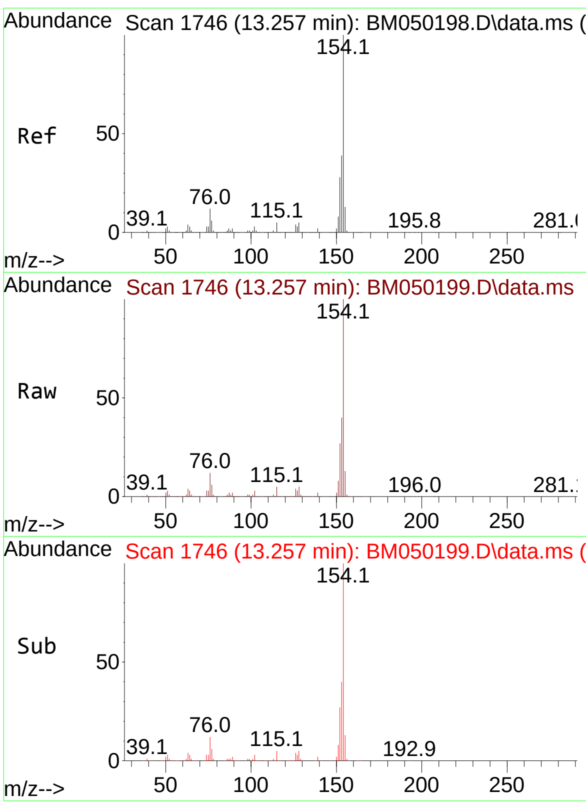


#45
2-Fluorobiphenyl
Concen: 99.064 ng
RT: 13.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:172 Resp: 5738887

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.7	18.6	27.8

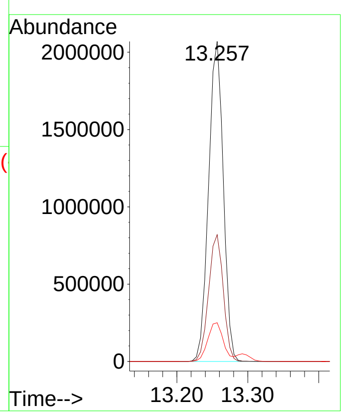




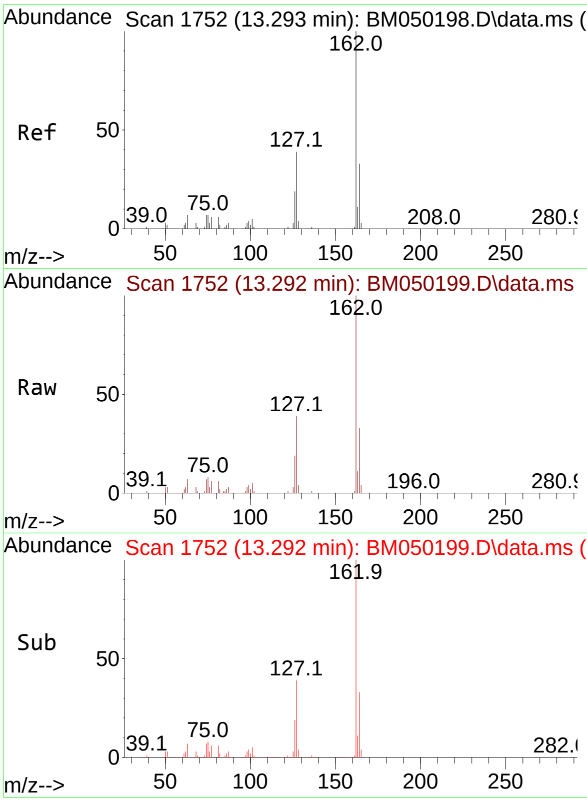
#46
1,1'-Biphenyl
Concen: 50.951 ng
RT: 13.257 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:154 Resp: 2992234

Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.2	59.2
76	12.1	0.0	32.0



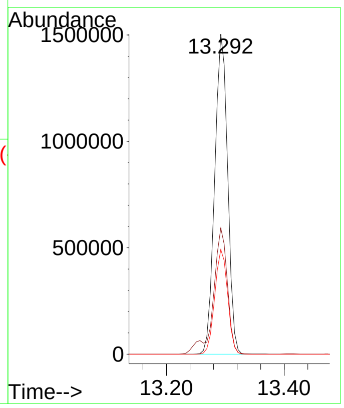
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

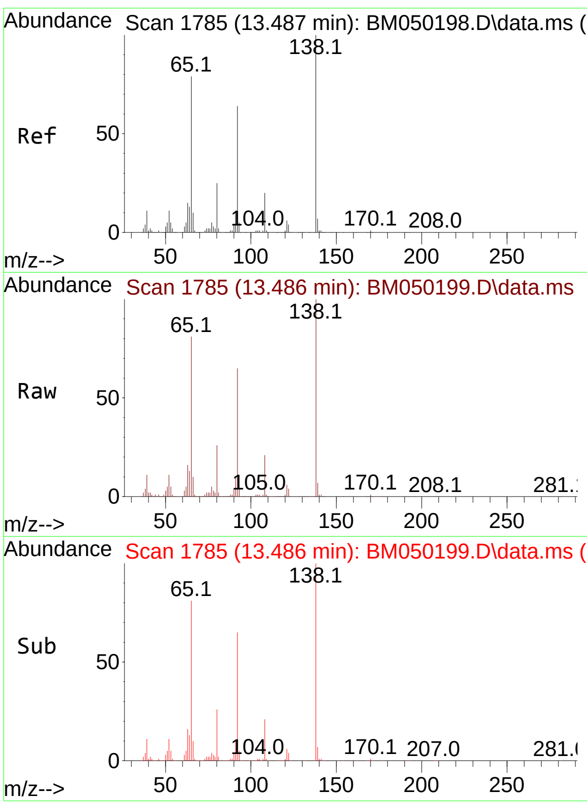


#47
2-Chloronaphthalene
Concen: 50.305 ng
RT: 13.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:162 Resp: 2296762

Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.1	46.7
164	32.7	26.5	39.7

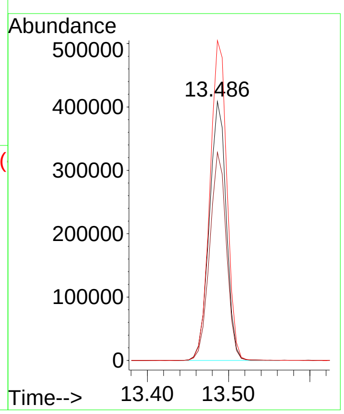




#48
2-Nitroaniline
Concen: 58.859 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 65 Resp: 591382

Ion	Ratio	Lower	Upper
65	100		
92	80.4	64.2	96.4
138	123.5	101.0	151.4



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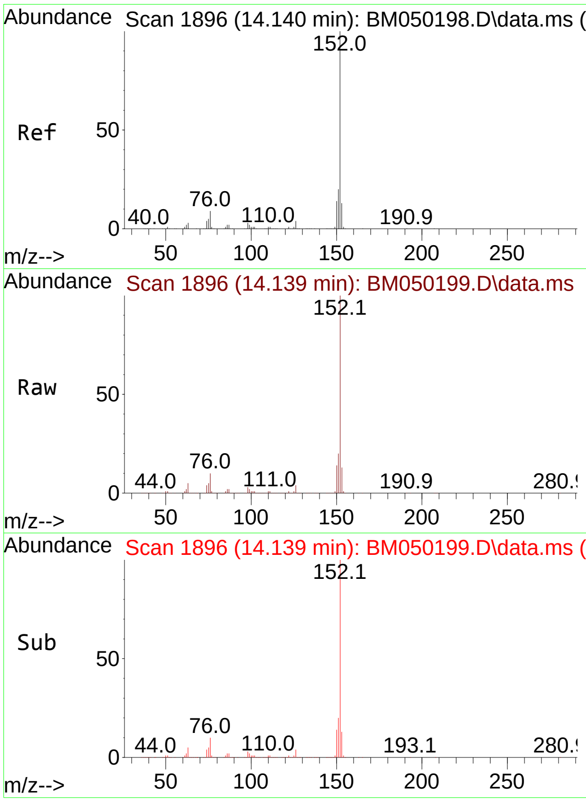
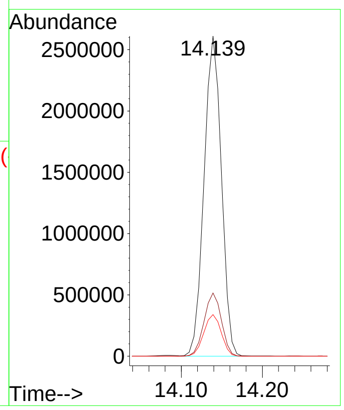
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

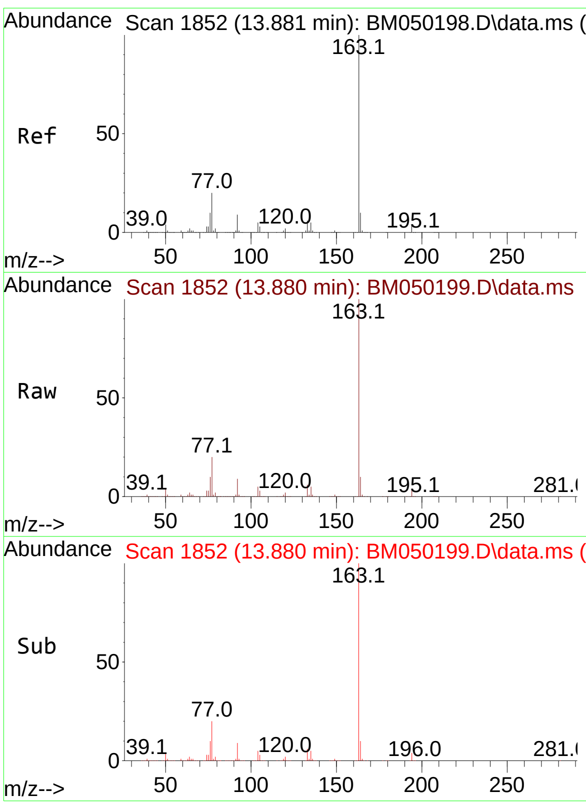


#49
Acenaphthylene
Concen: 52.521 ng
RT: 14.139 min Scan# 1
Delta R.T.   -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:152 Resp: 3878499

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.4	15.6

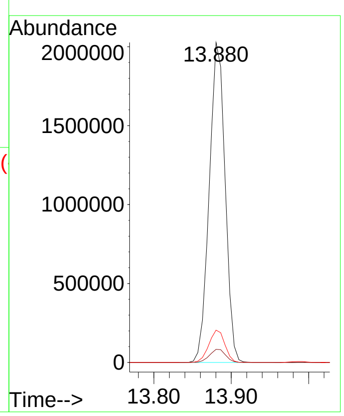




#50
Dimethylphthalate
Concen: 54.500 ng
RT: 13.880 min Scan# 1852
Delta R.T.   -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

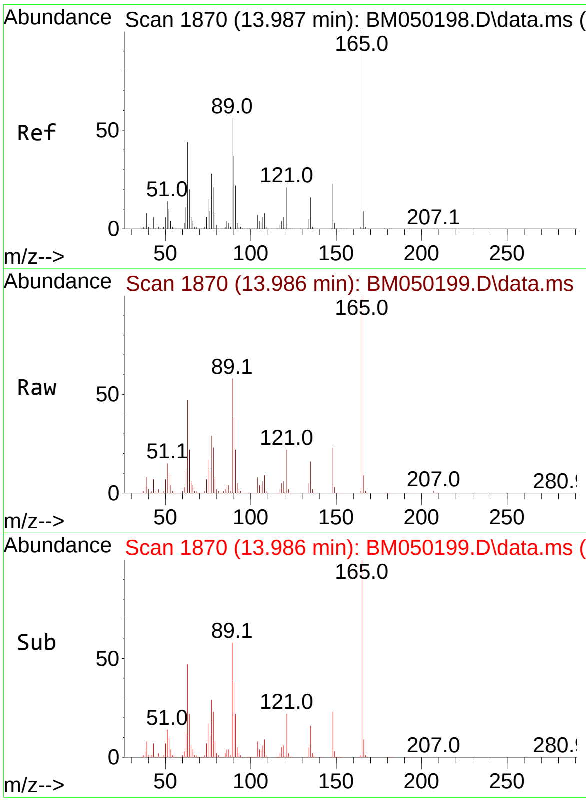
Tgt Ion:163 Resp: 2890771

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	7.9	11.9



ICAL Form

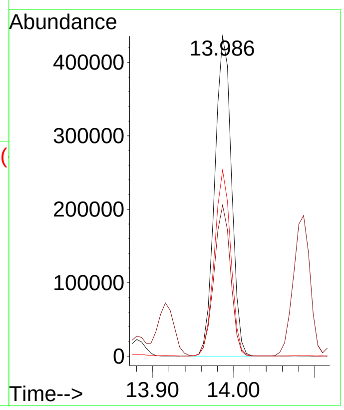
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

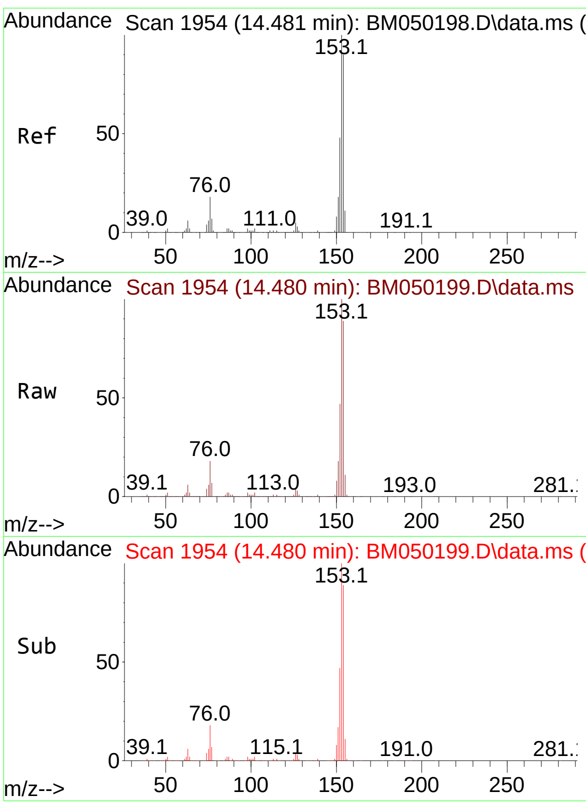


#51
2,6-Dinitrotoluene
Concen: 58.698 ng
RT: 13.986 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:165 Resp: 627879

Ion	Ratio	Lower	Upper
165	100		
63	47.2	35.8	53.6
89	58.2	44.8	67.2

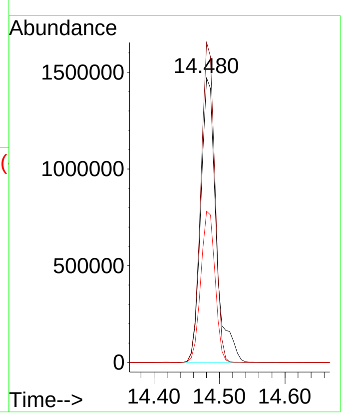




#52
Acenaphthene
Concen: 52.109 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

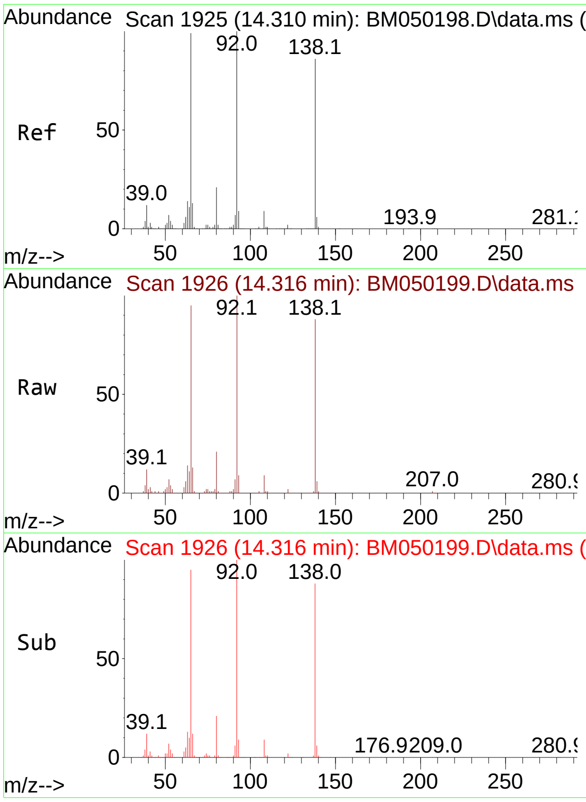
Tgt Ion:154 Resp: 2406891

Ion	Ratio	Lower	Upper
154	100		
153	112.5	88.7	133.1
152	53.1	42.6	63.8



ICAL Form

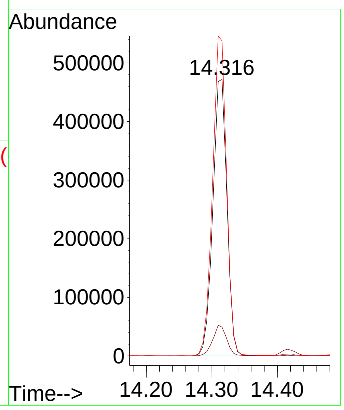
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

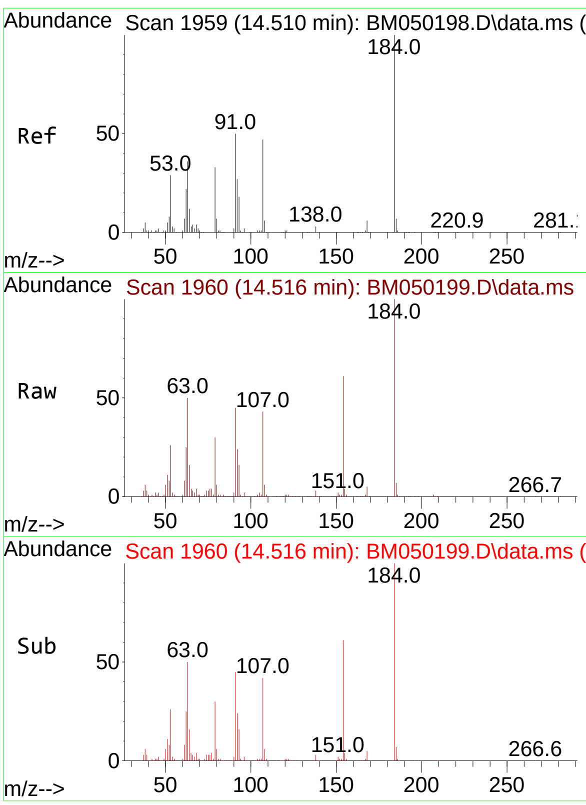


#53
3-Nitroaniline
Concen: 59.247 ng
RT: 14.316 min Scan# 1
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:138 Resp: 706323

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.8	13.2
92	113.9	92.9	139.3

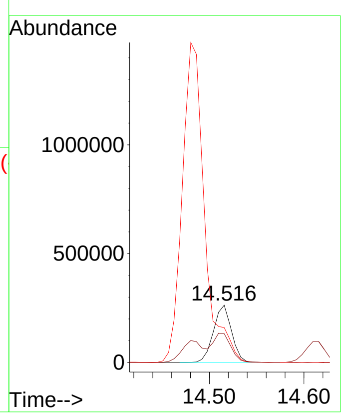




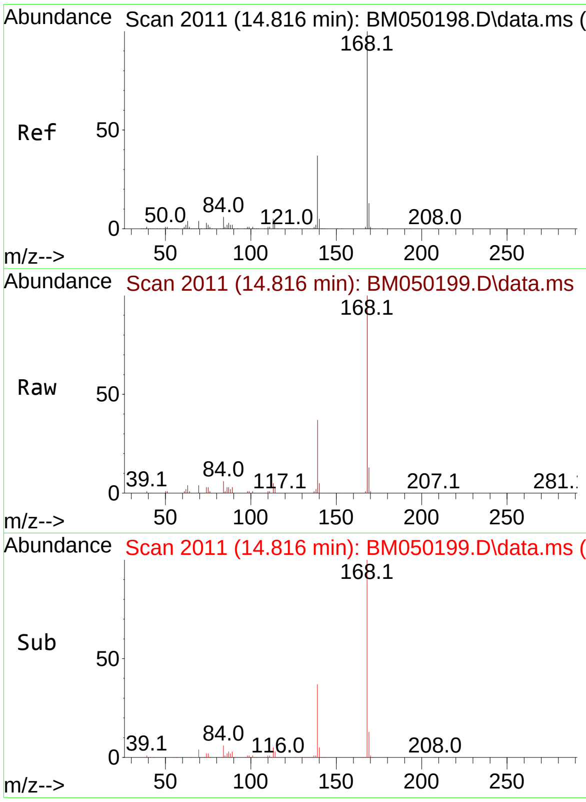
#54
2,4-Dinitrophenol
Concen: 54.263 ng
RT: 14.516 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:184 Resp: 350975

Ion	Ratio	Lower	Upper
184	100		
63	50.4	45.3	67.9
154	60.9	54.3	81.5



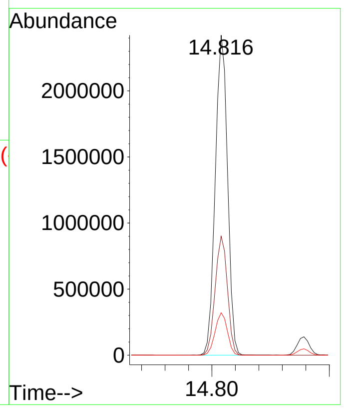
Instrument : BNA_M
ClientSampleId : SSTDICC050

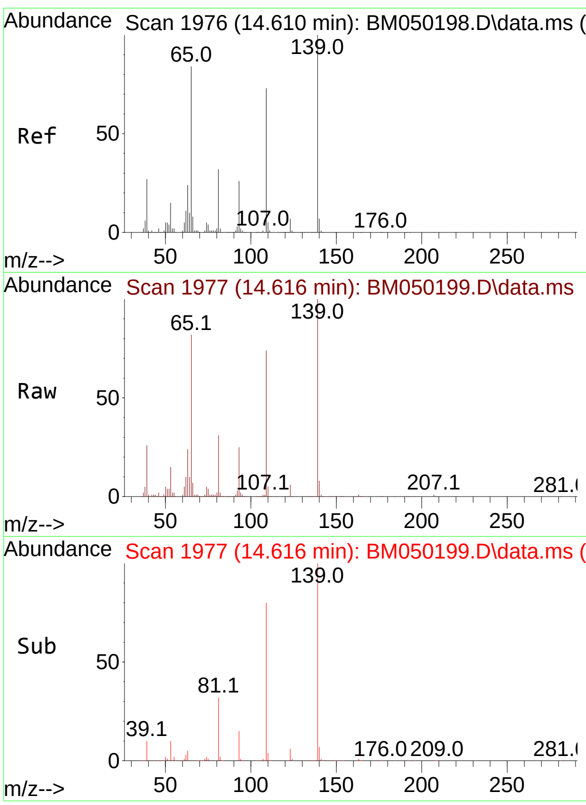


#55
Dibenzofuran
Concen: 52.131 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:168 Resp: 3522761

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.9	44.9
169	13.3	10.6	16.0

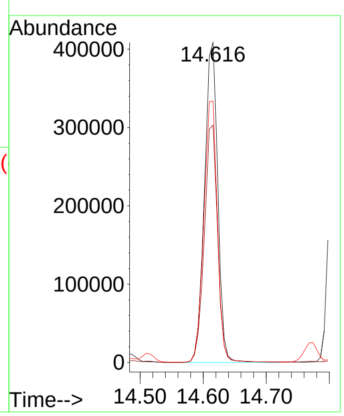




#56
4-Nitrophenol
Concen: 59.319 ng
RT: 14.616 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

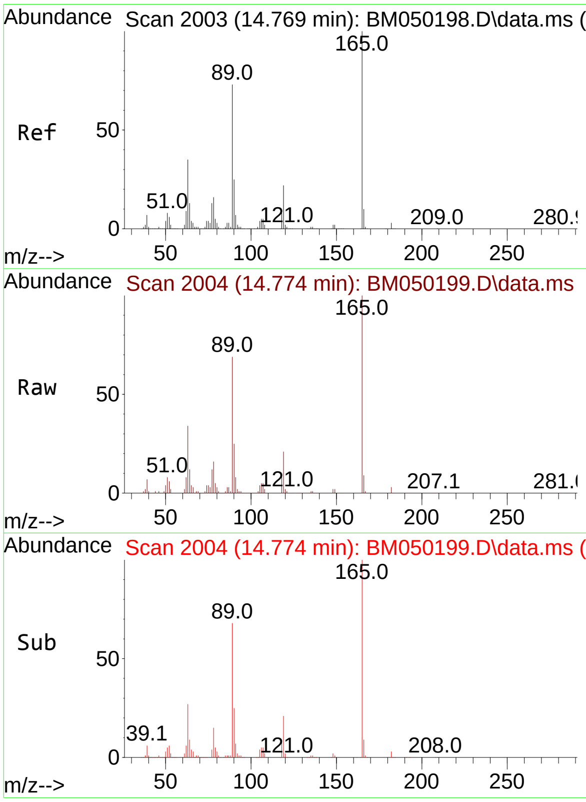
Tgt Ion:139 Resp: 601906

Ion	Ratio	Lower	Upper
139	100		
109	74.2	52.6	92.6
65	81.7	64.3	104.3



ICAL Form

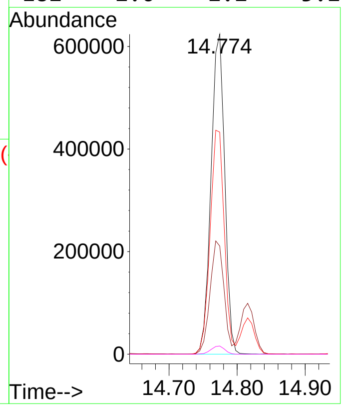
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

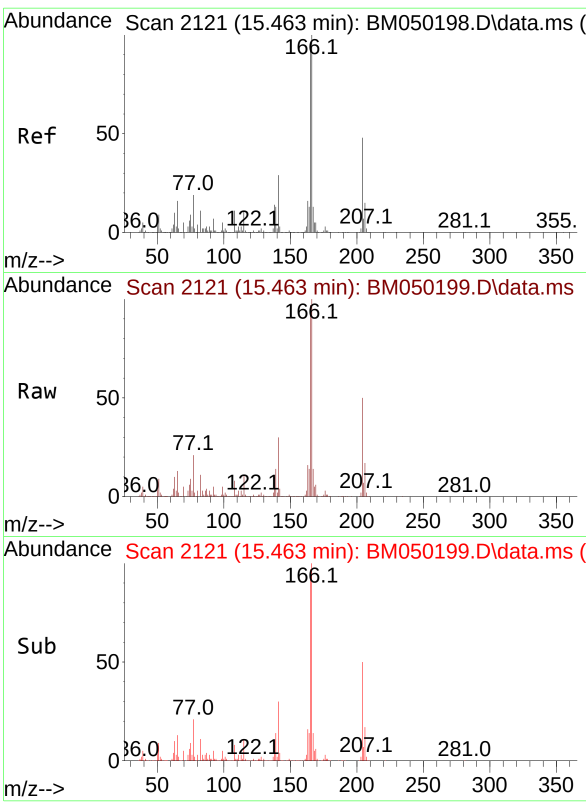


#57
2,4-Dinitrotoluene
Concen: 62.091 ng
RT: 14.774 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:165 Resp: 876137

Ion	Ratio	Lower	Upper
165	100		
63	33.8	28.4	42.6
89	69.4	58.0	87.0
182	2.6	2.2	3.2

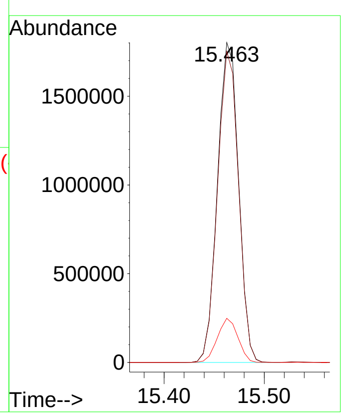




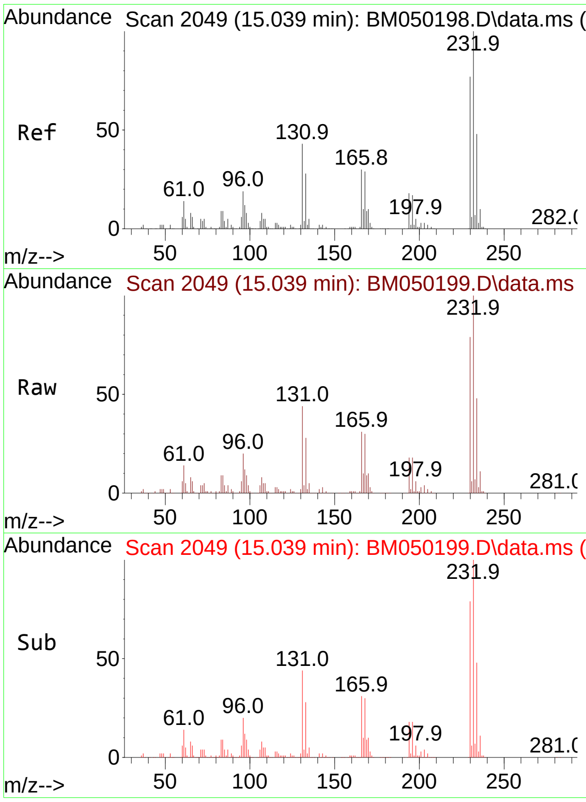
#58
Fluorene
Concen: 51.068 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:166 Resp: 2643113

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.0	115.4
167	13.8	10.7	16.1



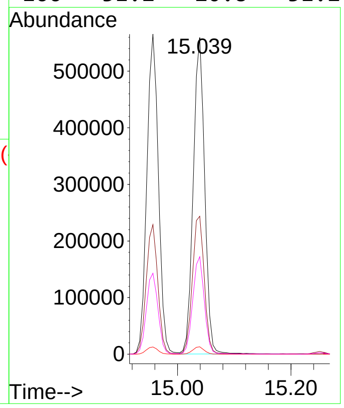
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

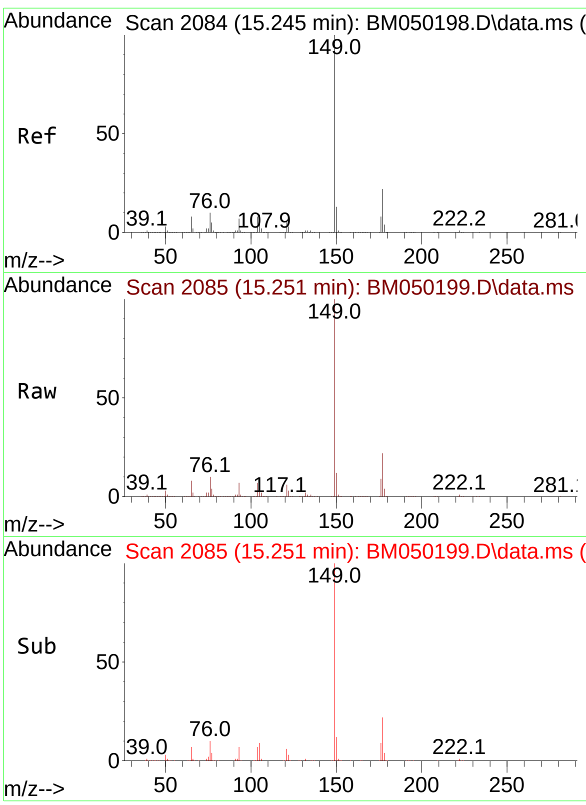


#59
2,3,4,6-Tetrachlorophenol
Concen: 55.608 ng
RT: 15.039 min   Scan# 2
Delta R.T.   -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

Tgt Ion:232 Resp: 786725

Ion	Ratio	Lower	Upper
232	100		
131	45.2	32.9	49.3
130	2.4	1.8	2.8
166	31.2	20.8	31.2

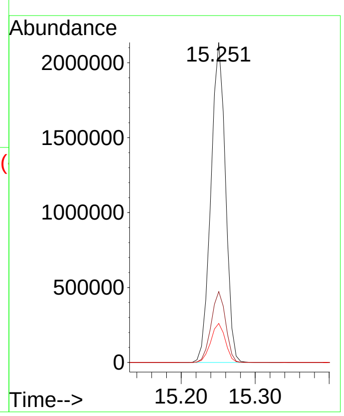




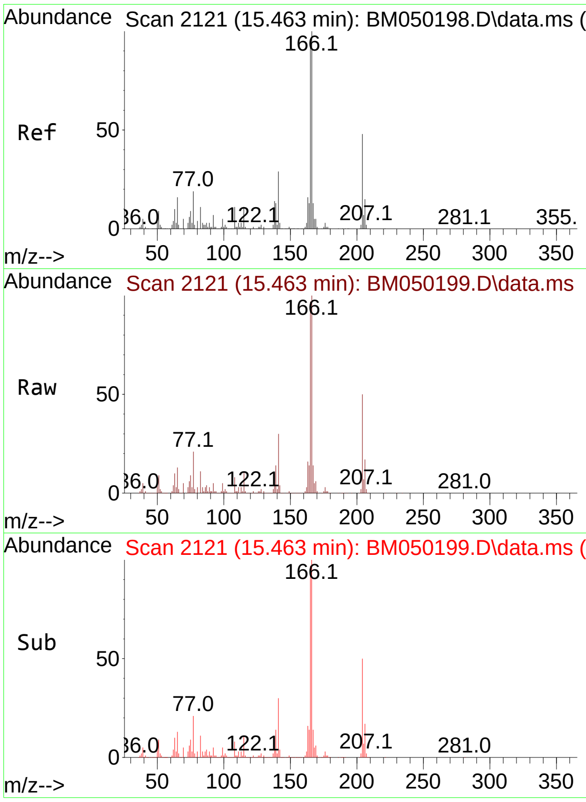
#60
Diethylphthalate
Concen: 55.521 ng
RT: 15.251 min   Scan# 2085
Delta R.T.   0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

Tgt Ion:149 Resp: 2921964

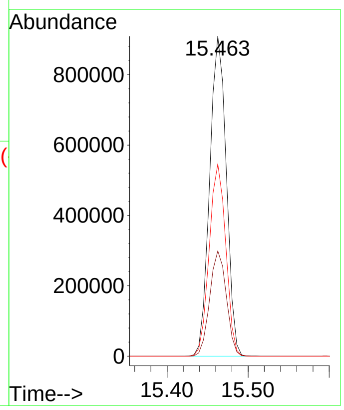
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.2	25.8
150	12.2	10.0	15.0

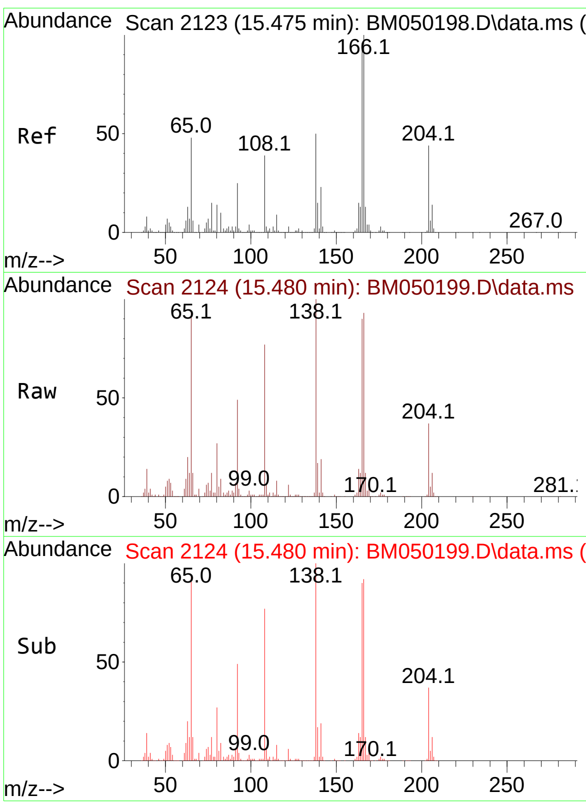


Instrument :
BNA_M
ClientSampleId :
SSTDICC050

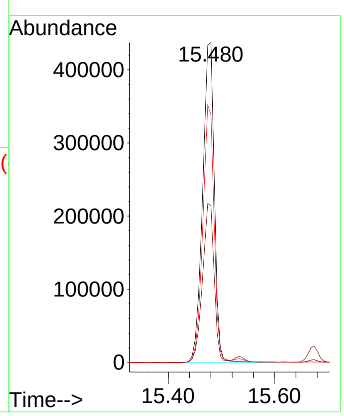



```
#61
4-Chlorophenyl-phenylether
Concen:   51.728 ng
RT:  15.463 min  Scan# 2
Delta R.T.  -0.000 min
Lab File:   BM050199.D
Acq: 05 Jun 2025  12:36

Tgt Ion:204 Resp: 1293938
Ion  Ratio  Lower  Upper
204  100
206   32.9   25.4   38.0
141   60.1   47.9   71.9
```



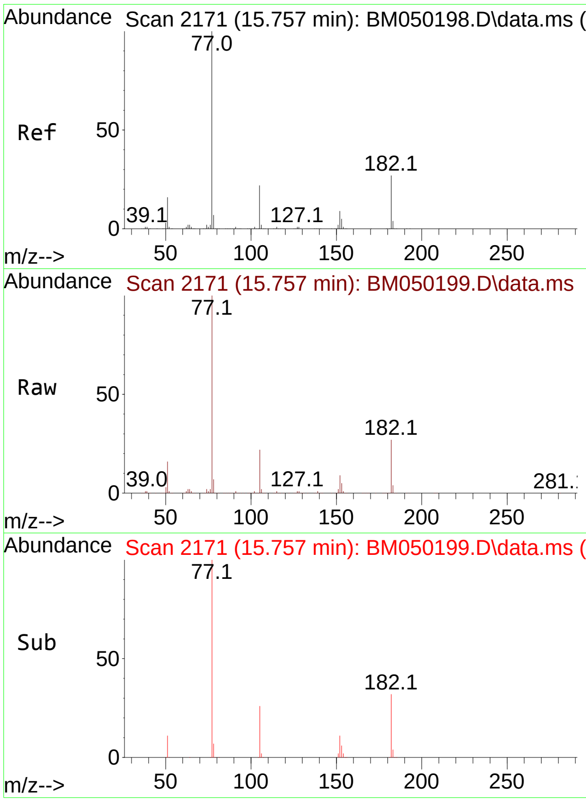



```
#62
4-Nitroaniline
Concen:   59.947 ng
RT:  15.480 min  Scan# 2124
Delta R.T.  0.005 min
Lab File:   BM050199.D
Acq: 05 Jun 2025  12:36

Tgt Ion:138 Resp:   669832
Ion  Ratio  Lower  Upper
138  100
 92   49.0   28.8   68.8
108   77.4   58.1   98.1
```



ICAL Form

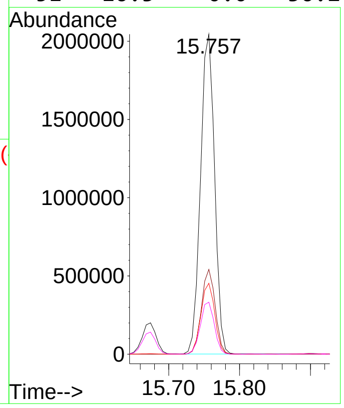
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

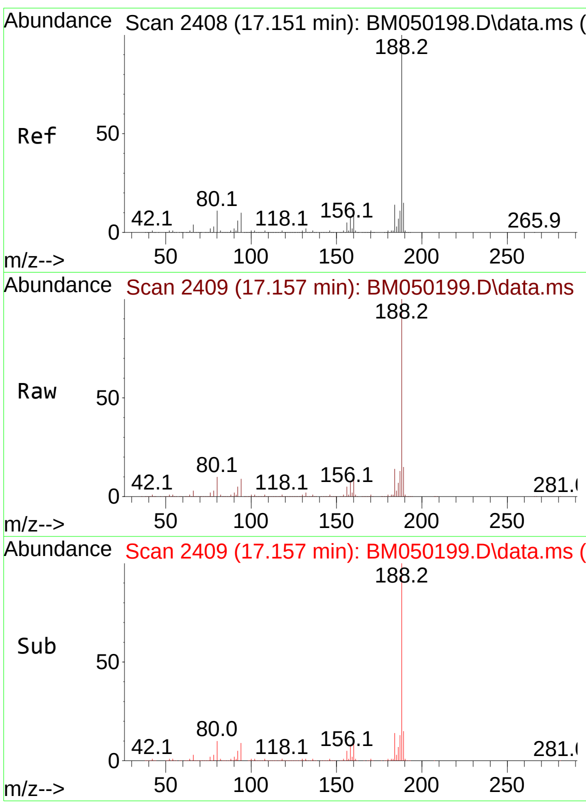


#63
Azobenzene
Concen: 53.794 ng
RT: 15.757 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 77 Resp: 2829707

Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.8	46.8
105	22.1	1.7	41.7
51	16.3	0.0	36.2

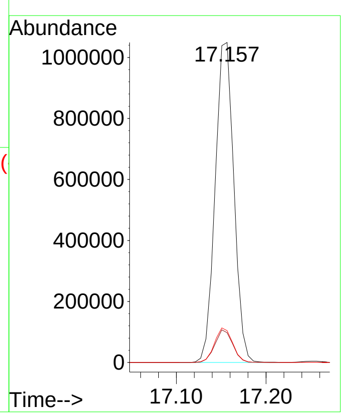




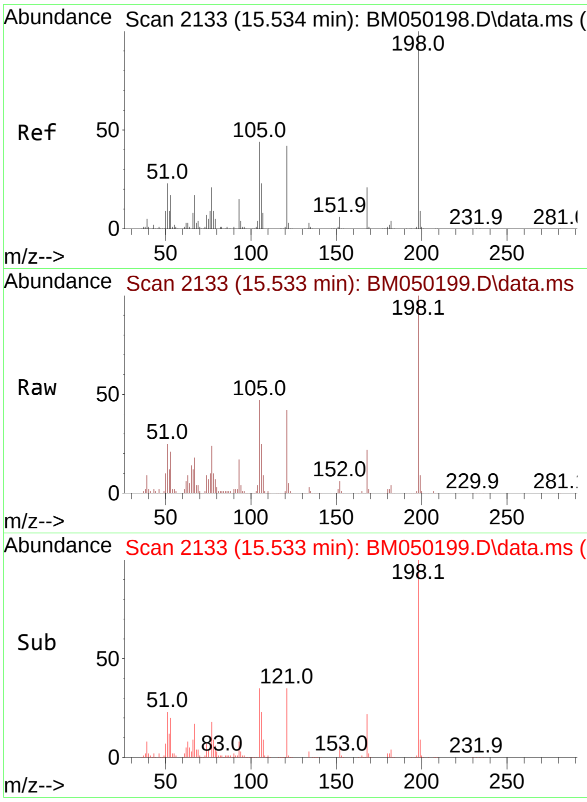
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:188 Resp: 1523841

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	9.9	8.6	13.0



ICAL Form

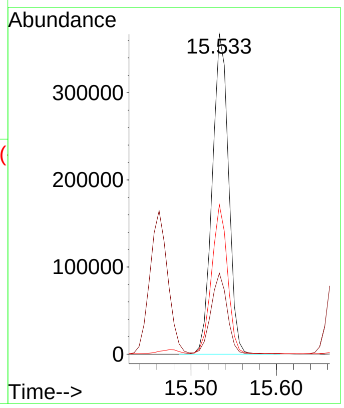


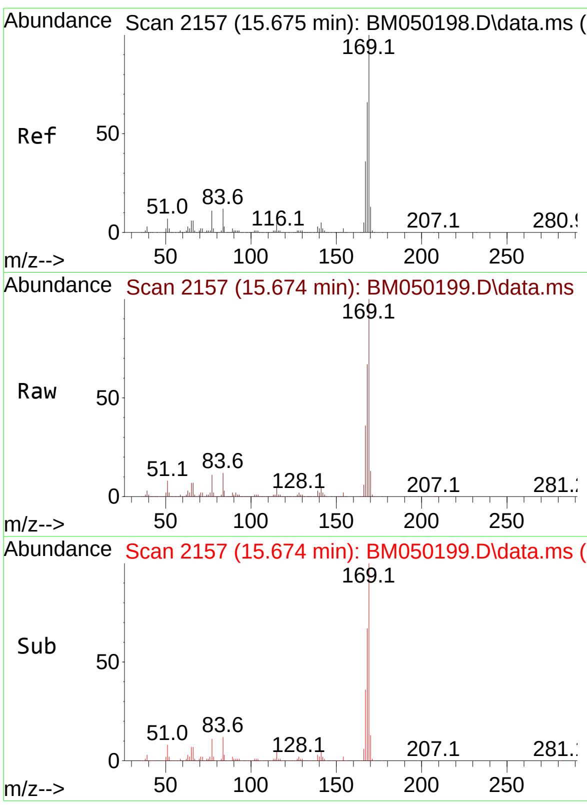
#65
4,6-Dinitro-2-methylphenol
Concen: 58.562 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 487410

Ion	Ratio	Lower	Upper
198	100		
51	25.3	4.5	44.5
105	46.7	24.9	64.9

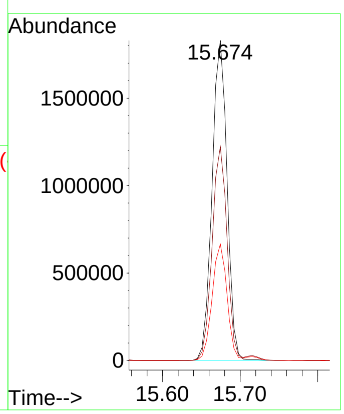




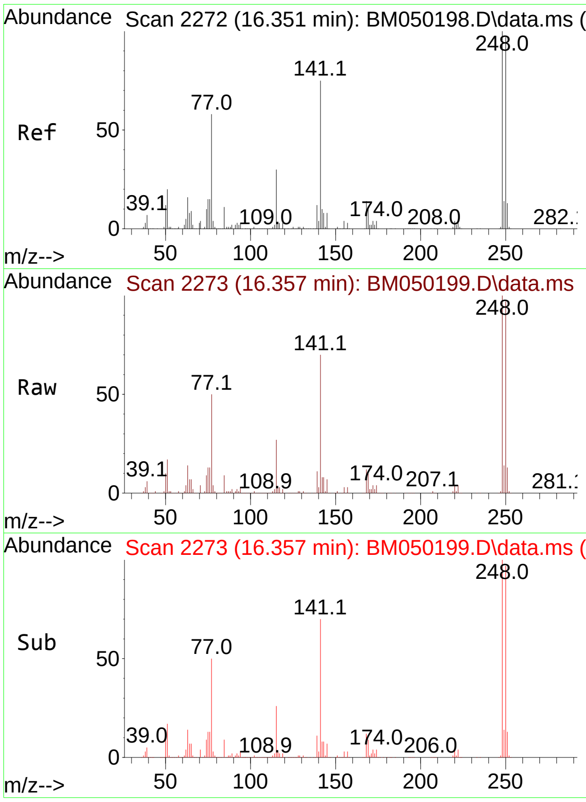
#66
n-Nitrosodiphenylamine
Concen: 51.375 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:169 Resp: 2459825

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.1	79.7
167	36.3	29.0	43.6



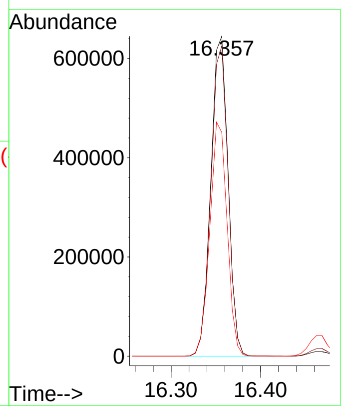
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

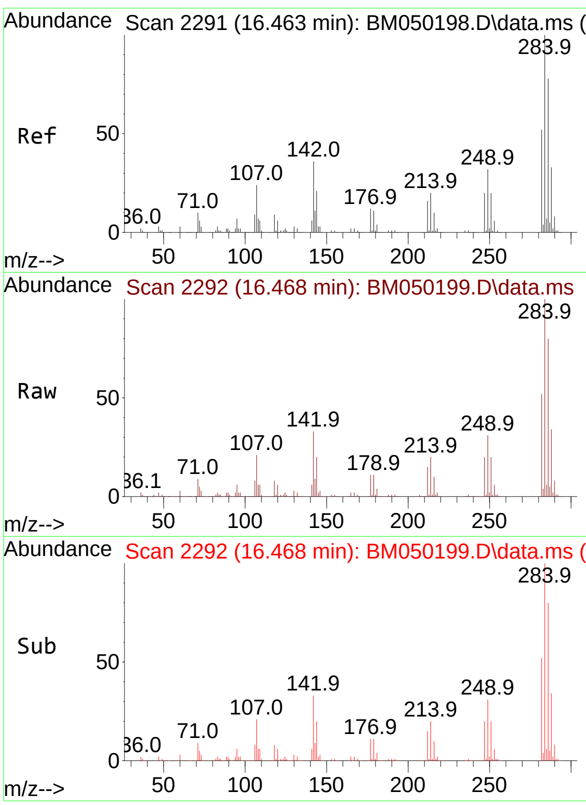


#67
4-Bromophenyl-phenylether
Concen: 53.423 ng
RT: 16.357 min   Scan# 2
Delta R.T.   0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

Tgt Ion:248 Resp: 868132

Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.0	117.0
141	69.9	60.1	90.1

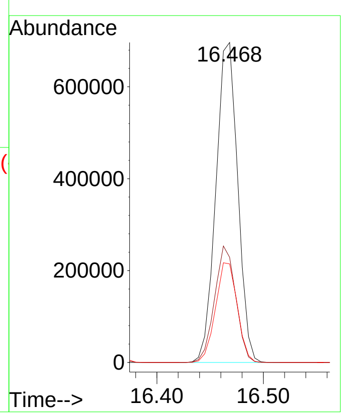




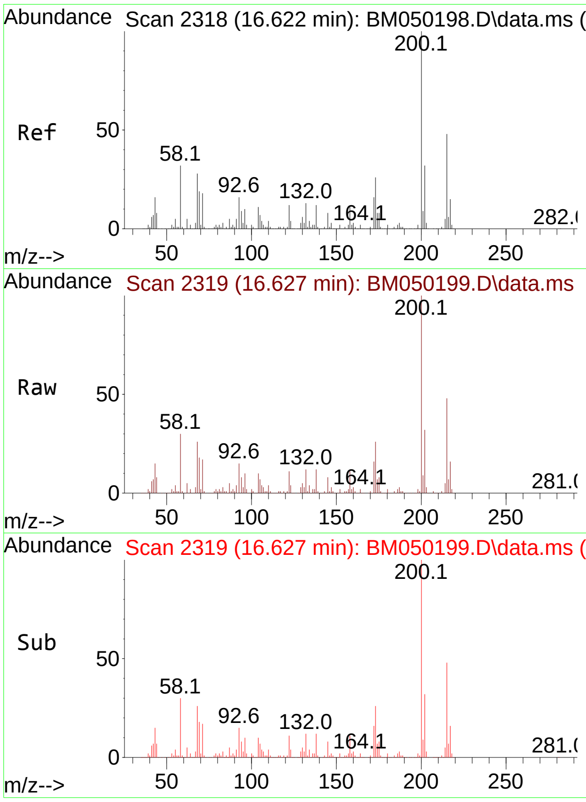
#68
Hexachlorobenzene
Concen: 52.310 ng
RT: 16.468 min   Scan# 2292
Delta R.T.   0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025   12:36

Tgt Ion:284 Resp: 993147

Ion	Ratio	Lower	Upper
284	100		
142	32.8	28.8	43.2
249	30.8	25.8	38.6



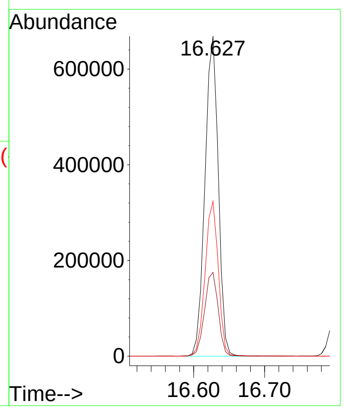
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

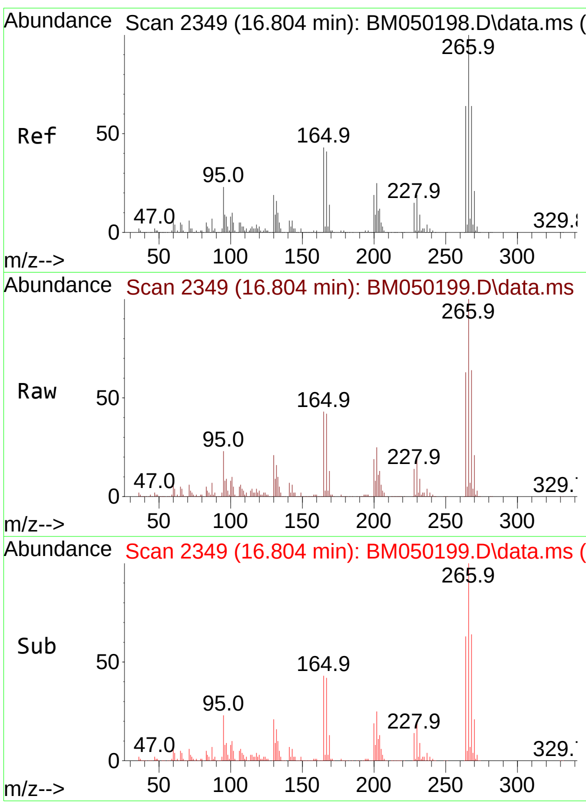


#69
Atrazine
Concen: 57.610 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:200 Resp: 878900

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.0	46.0
215	48.4	28.1	68.1

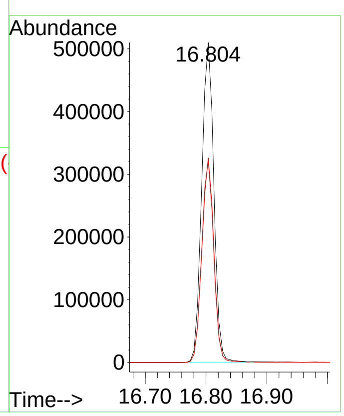




#70
Pentachlorophenol
Concen: 57.680 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

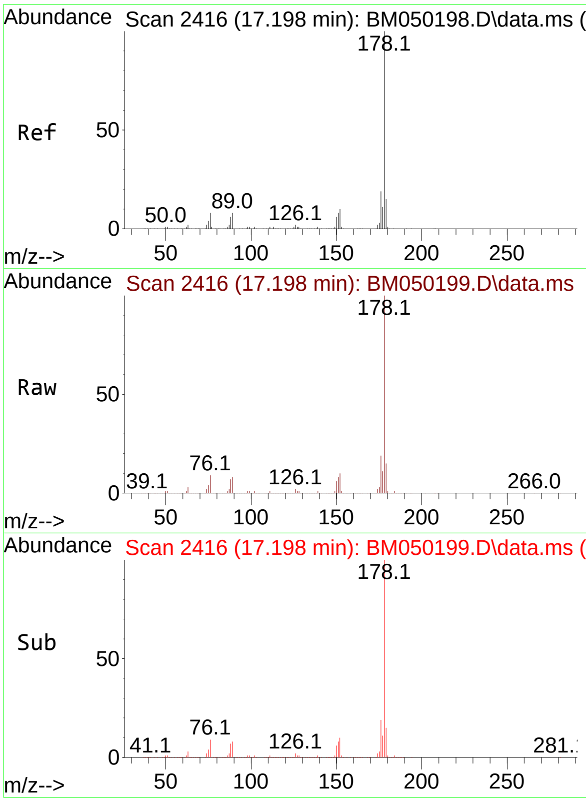
Tgt Ion:266 Resp: 711985

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.0	76.6
264	62.9	50.8	76.2



ICAL Form

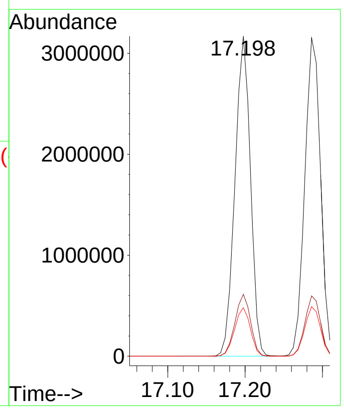
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

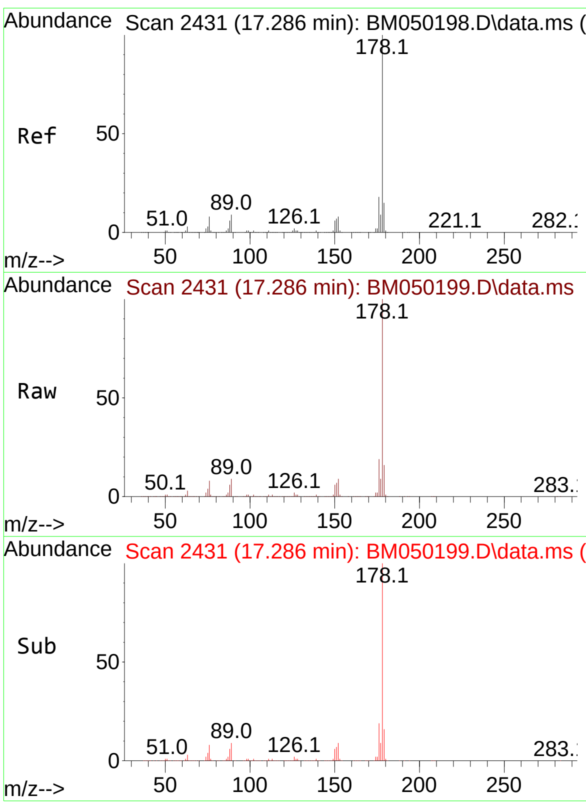


#71
Phenanthrene
Concen: 50.793 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:178 Resp: 4421661

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.2	12.3	18.5

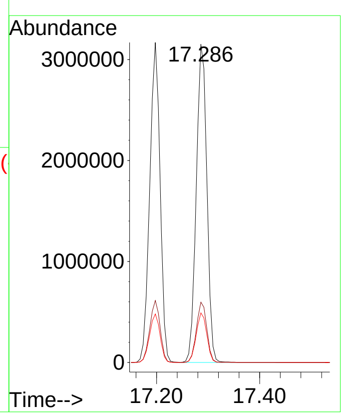




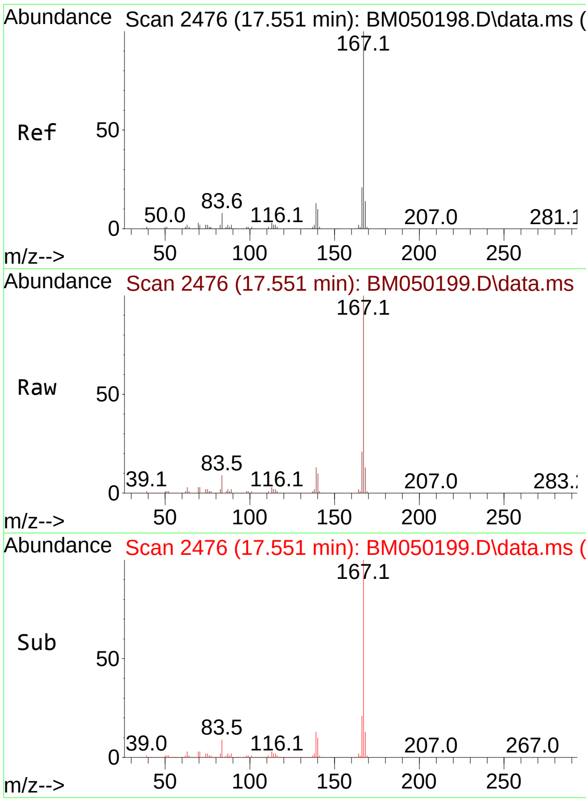
#72
Anthracene
Concen: 51.663 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:178 Resp: 4499098

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.6	12.3	18.5



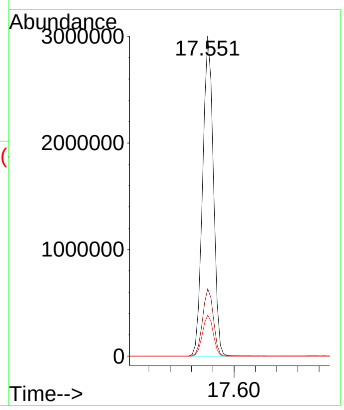
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

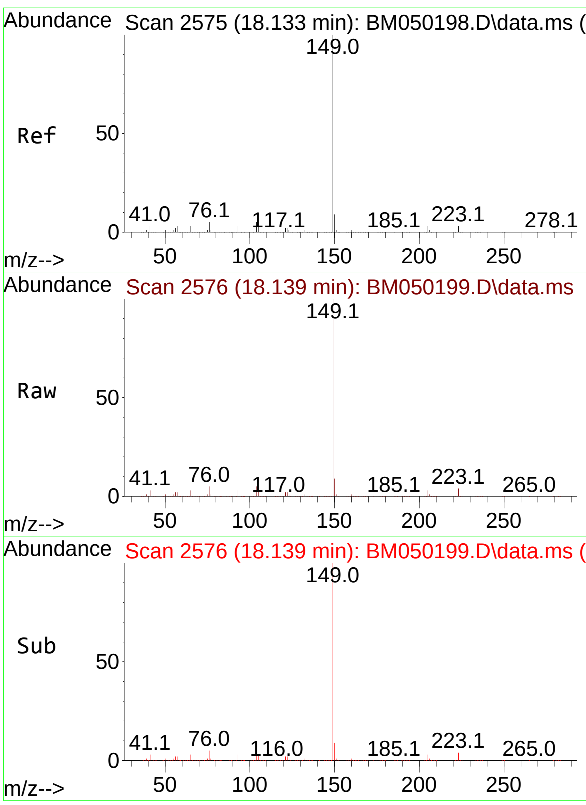


#73
Carbazole
Concen: 52.985 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:167 Resp: 4203693

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.8	10.2	15.4

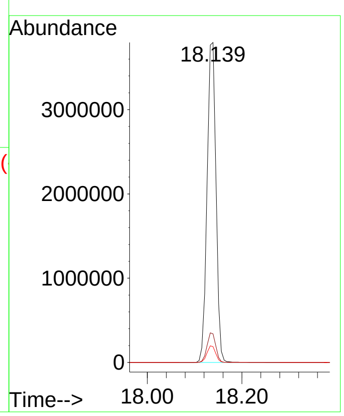




#74
Di-n-butylphthalate
Concen: 57.359 ng
RT: 18.139 min Scan# 2576
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

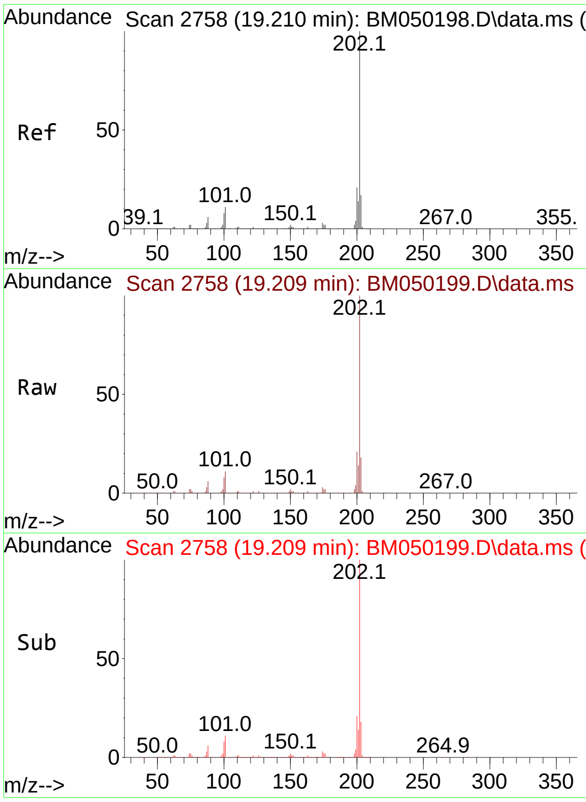
Tgt Ion:149 Resp: 4951541

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.0	4.0	6.0



ICAL Form

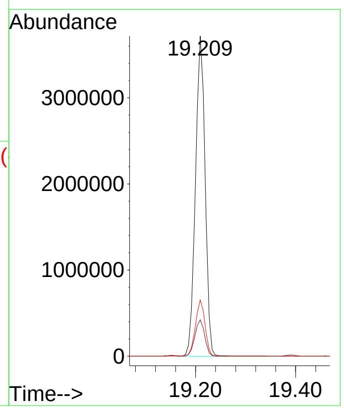
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

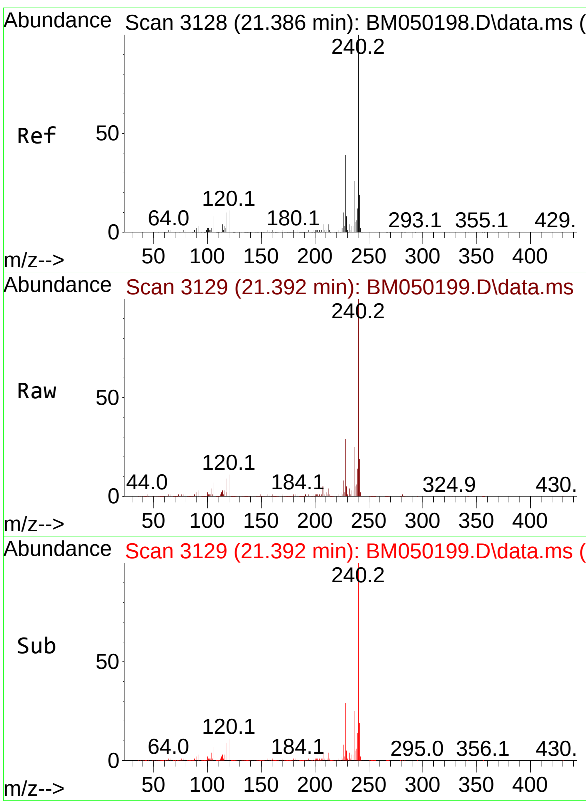


#75
Fluoranthene
Concen: 54.004 ng
RT: 19.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:202 Resp: 4957680

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.1
203	17.5	0.0	37.0

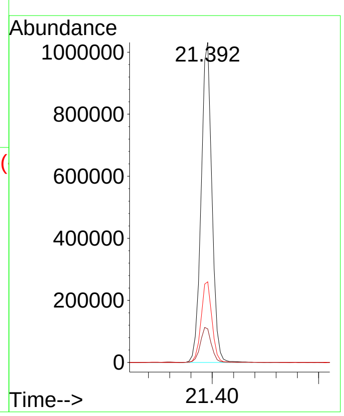




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

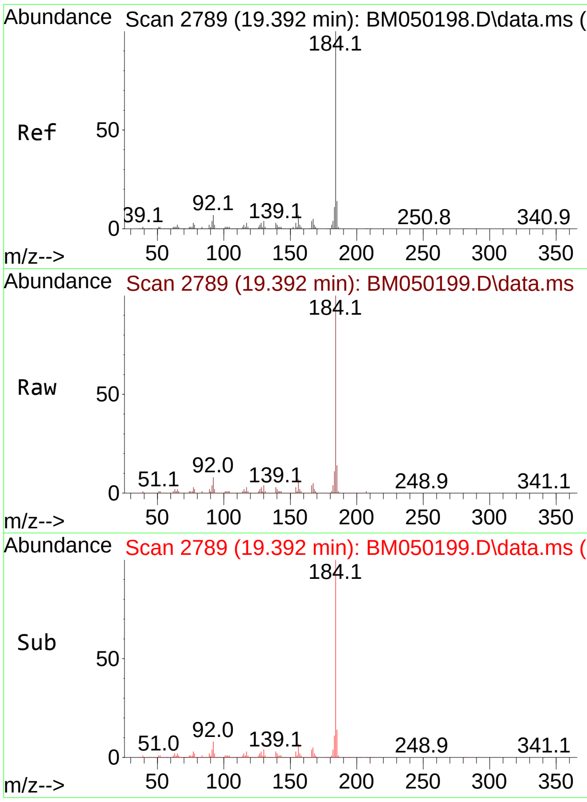
Tgt Ion:240 Resp: 1446151

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.0	13.4
236	25.2	20.7	31.1



ICAL Form

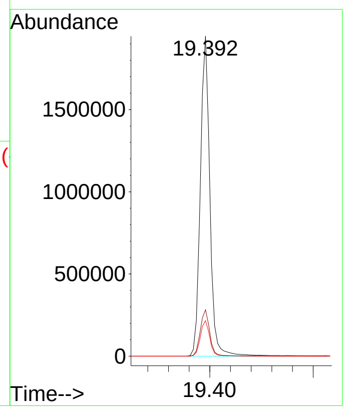
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

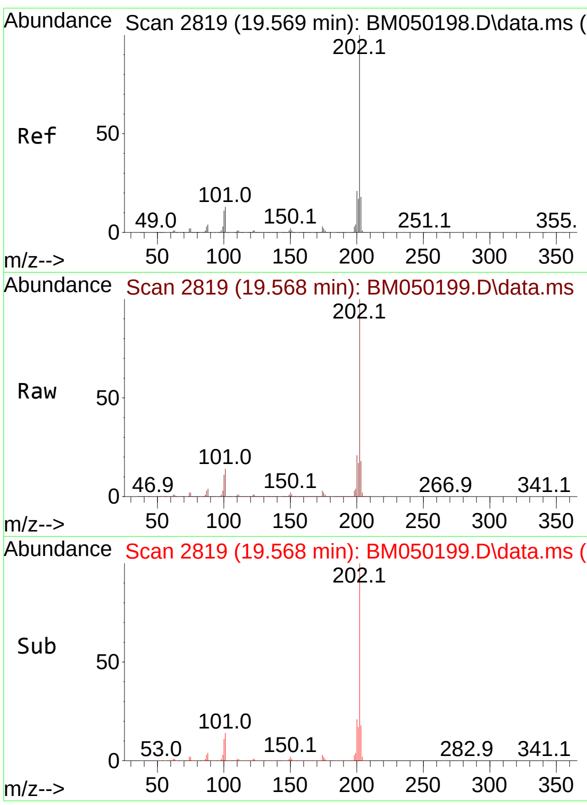


#77
Benzidine
Concen: 61.214 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:184 Resp: 2489372

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.5	17.3
183	11.1	9.0	13.4

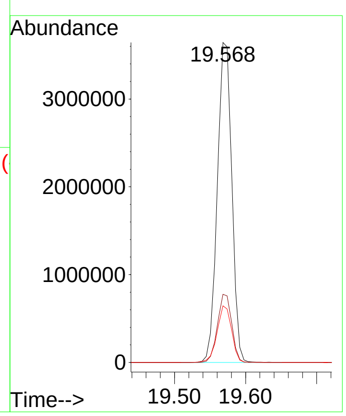




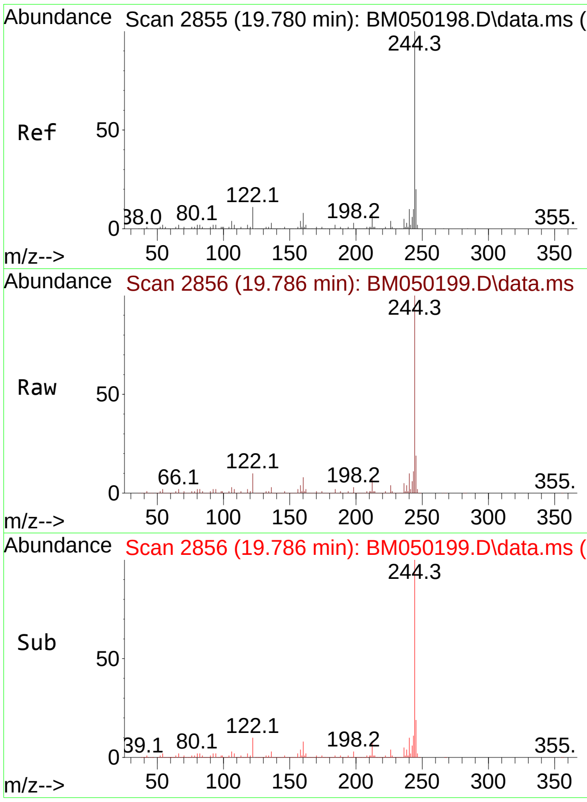
#78
Pyrene
Concen: 52.769 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:202 Resp: 5143501

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.7	14.1	21.1



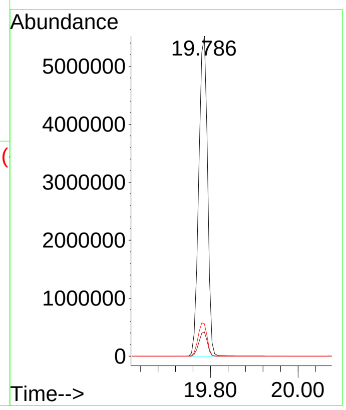
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

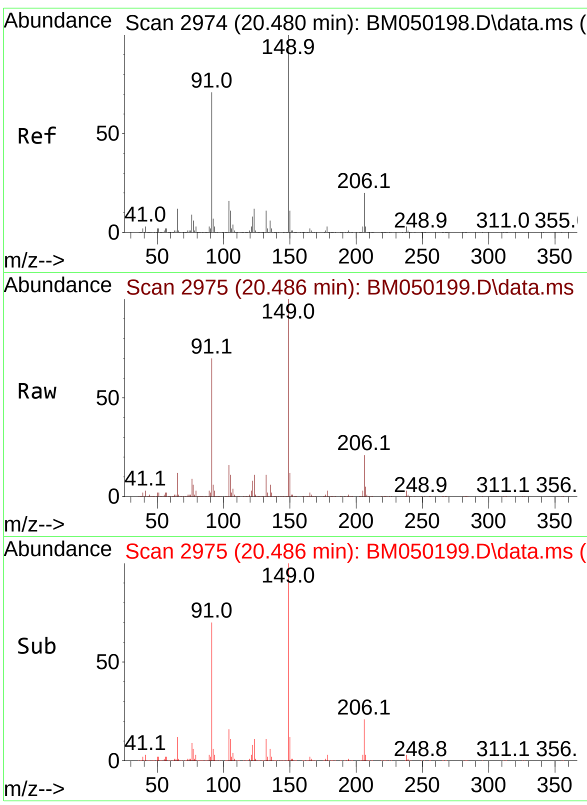


#79
Terphenyl-d14
Concen: 100.800 ng
RT: 19.786 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:244 Resp: 7692376

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	10.2	8.6	12.8

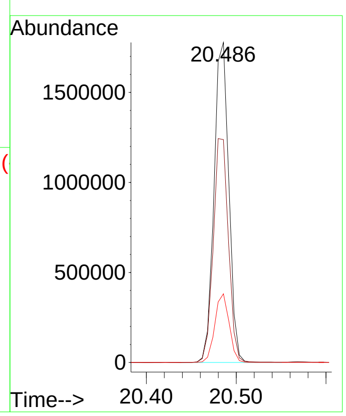




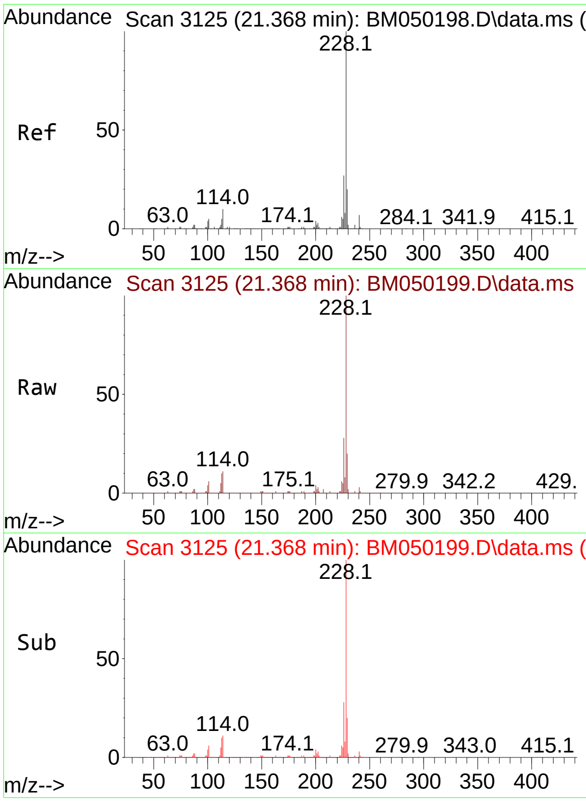
#80
Butylbenzylphthalate
Concen: 62.625 ng
RT: 20.486 min Scan# 2975
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:149 Resp: 2036123

Ion	Ratio	Lower	Upper
149	100		
91	69.6	56.9	85.3
206	21.5	16.1	24.1



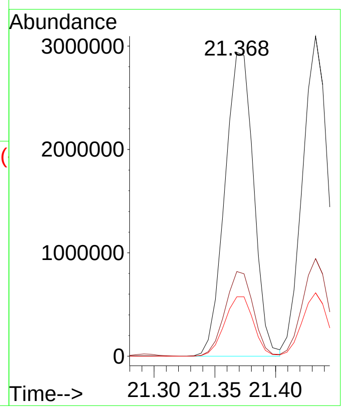
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

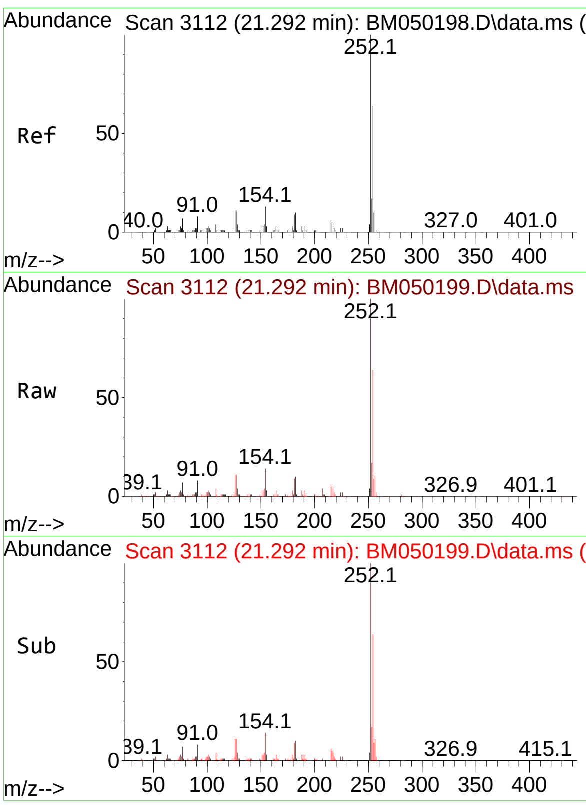


#81
Benzo(a)anthracene
Concen: 52.838 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:228 Resp: 4836514

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.7	32.5
229	19.5	15.7	23.5

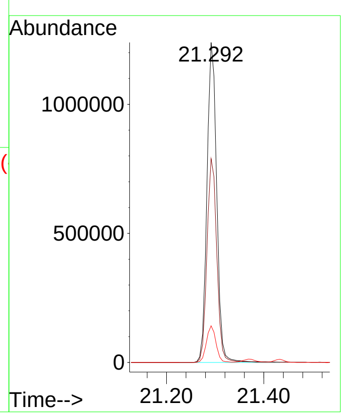




#82
3,3'-Dichlorobenzidine
Concen: 61.684 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

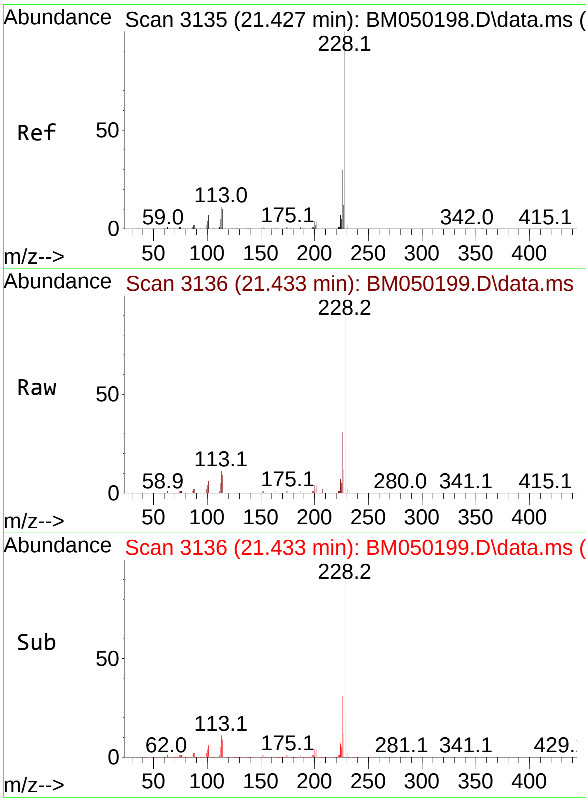
Tgt Ion:252 Resp: 1721840

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.4	77.0
126	11.4	8.6	12.8



ICAL Form

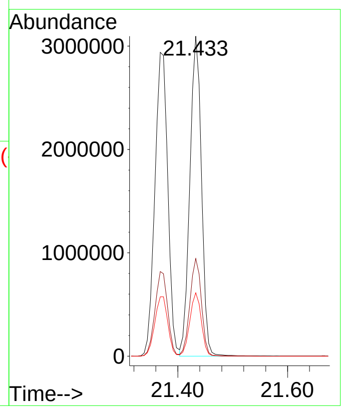
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

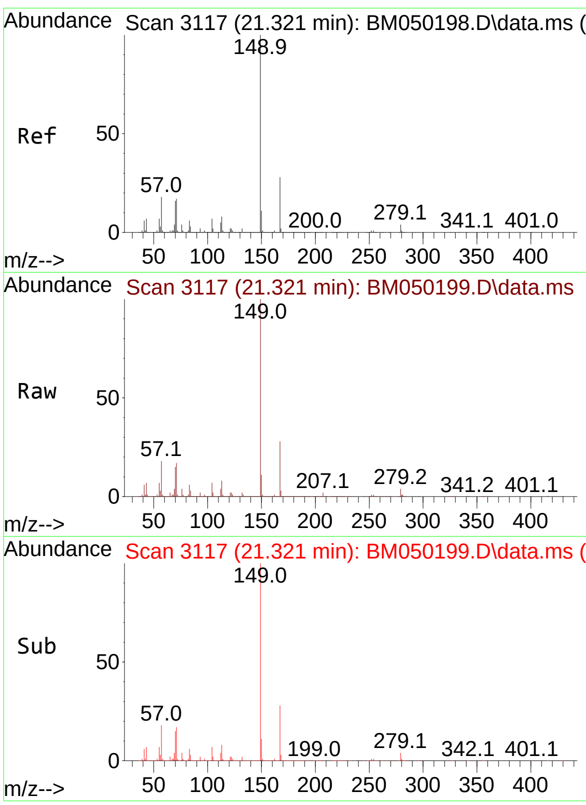


#83
Chrysene
Concen: 52.145 ng
RT: 21.433 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:228 Resp: 4540308

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.8	15.8	23.8

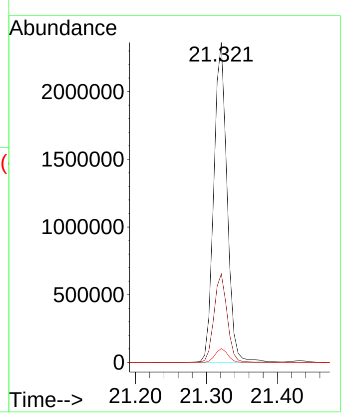




#84
Bis(2-ethylhexyl)phthalate
Concen: 61.400 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

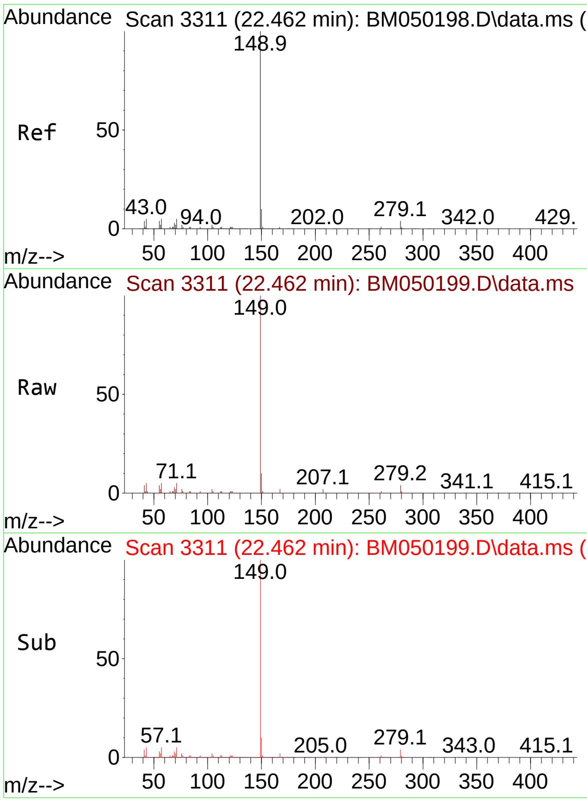
Tgt Ion:149 Resp: 3074950

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.3	33.5
279	4.4	3.5	5.3



ICAL Form

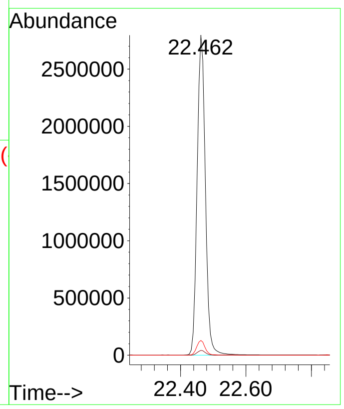
Instrument : BNA_M
ClientSampleId : SSTDICC050

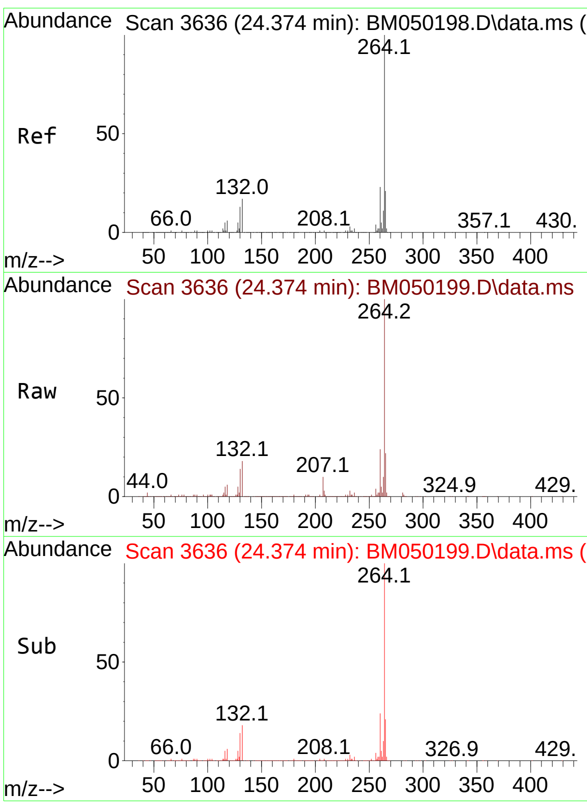


#85
Di-n-octyl phthalate
Concen: 66.103 ng
RT: 22.462 min Scan# 3311
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:149 Resp: 4912405

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	4.7	3.8	5.8

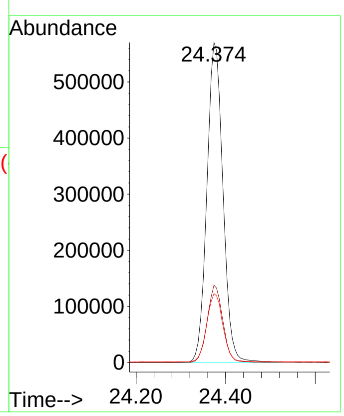




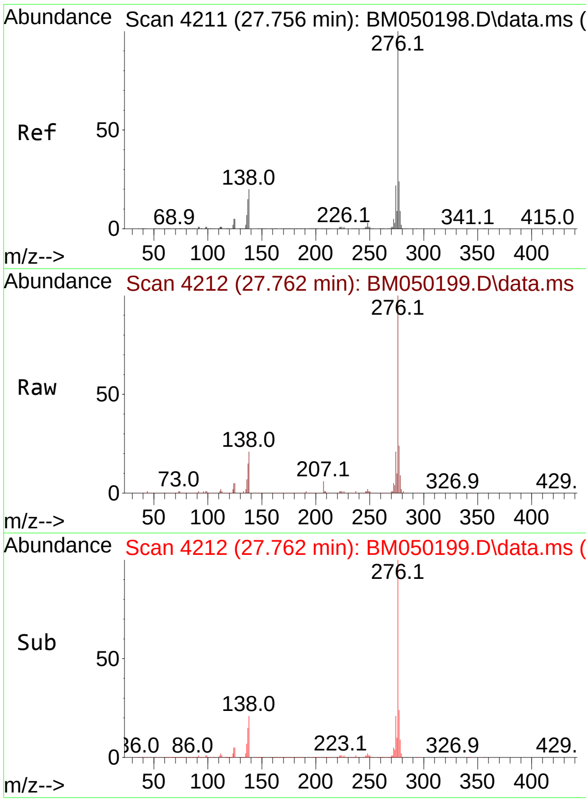
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:264 Resp: 1421732

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.5	16.8	25.2



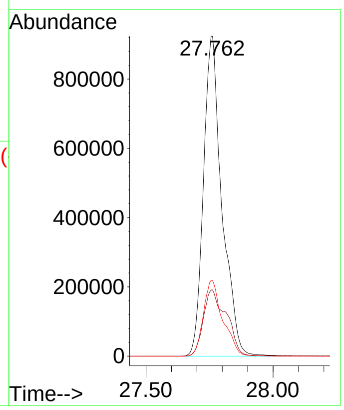
Instrument : BNA_M
ClientSampleId : SSTDICC050

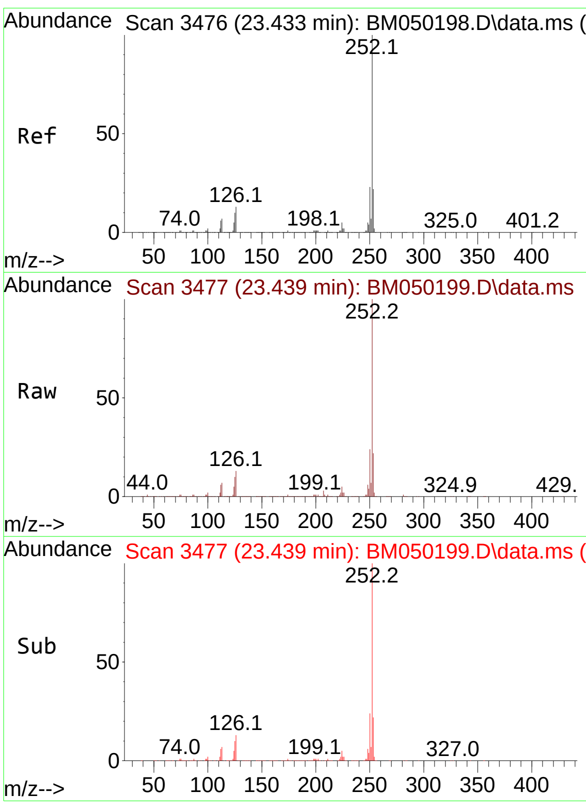


#87
Indeno(1,2,3-cd)pyrene
Concen: 51.183 ng
RT: 27.762 min Scan# 4
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:276 Resp: 4685372

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.6	30.8
277	24.8	19.8	29.6

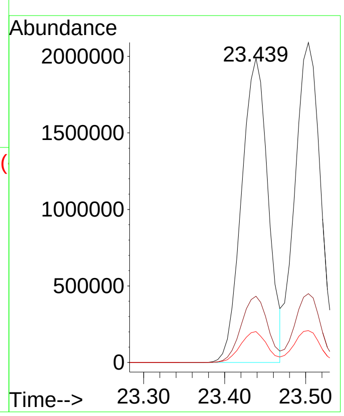




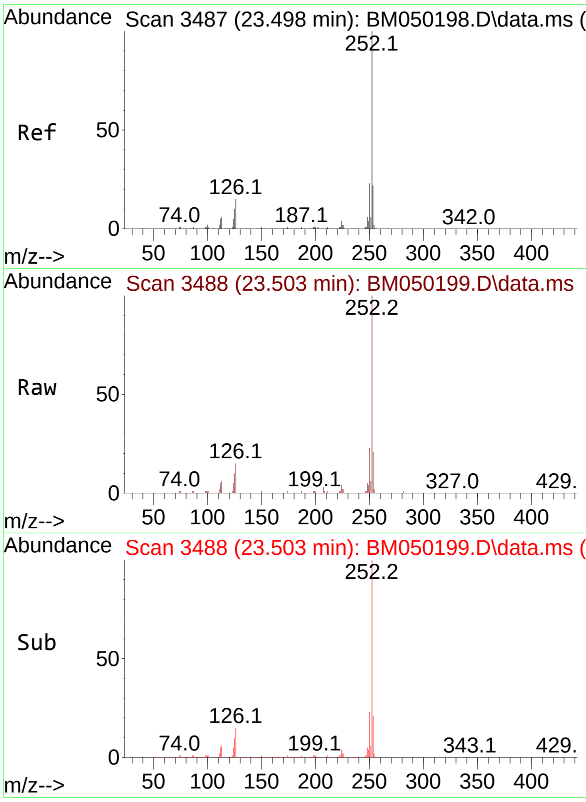
#88
Benzo(b)fluoranthene
Concen: 54.563 ng
RT: 23.439 min Scan# 3477
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:252 Resp: 4510196

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.2	8.2	12.4



ICAL Form

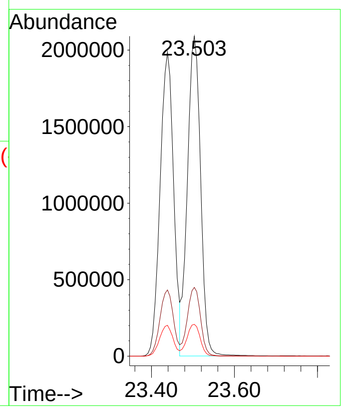


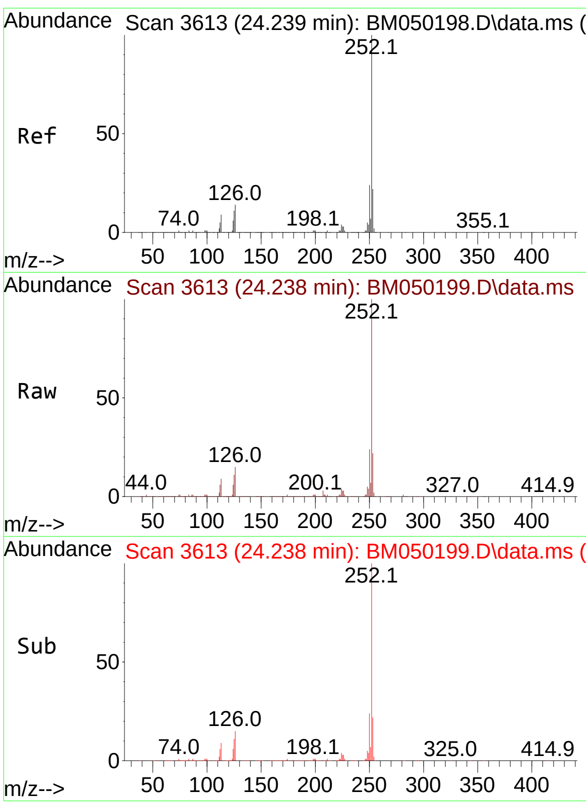
#89
Benzo(k)fluoranthene
Concen: 54.567 ng
RT: 23.503 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 4604565

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	10.0	8.2	12.4

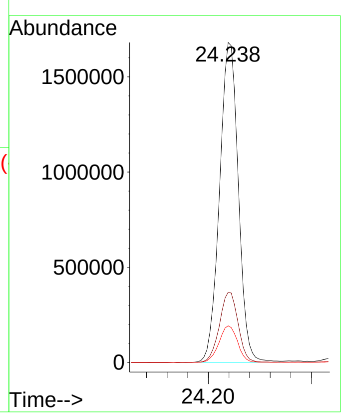




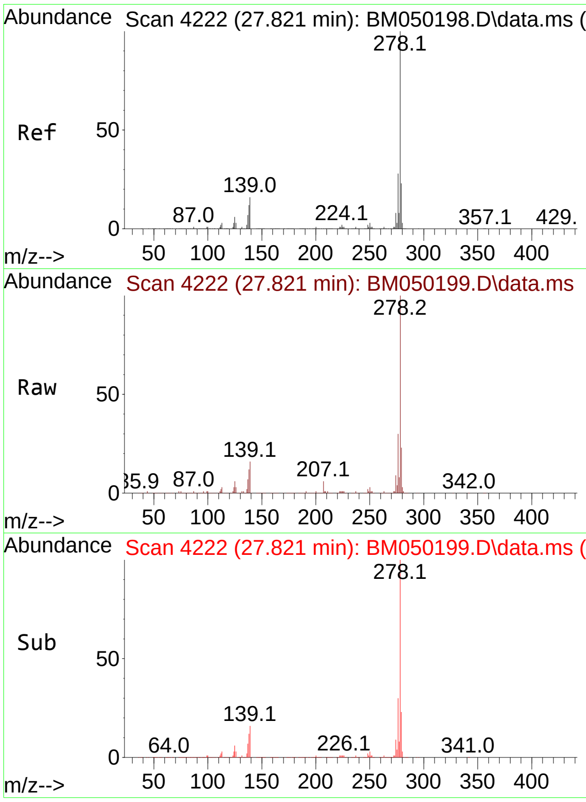
#90
Benzo(a)pyrene
Concen: 54.752 ng
RT: 24.238 min Scan# 3613
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:252 Resp: 4255236

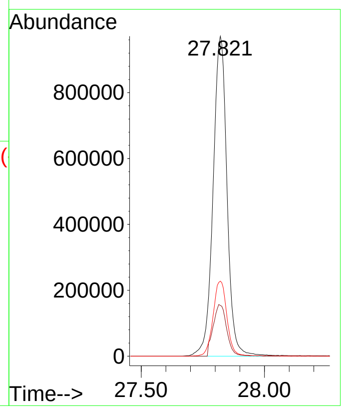
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.4	9.0	13.4

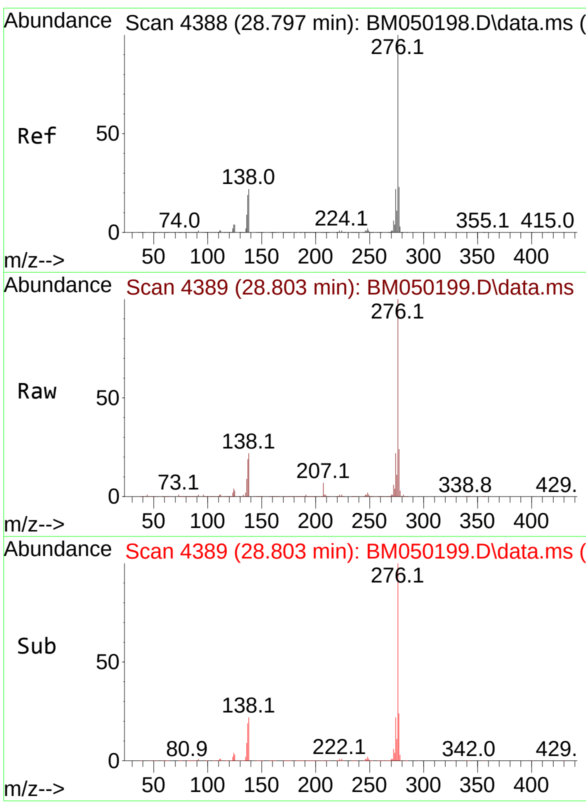


Instrument : BNA_M
ClientSampleId : SSTDICC050

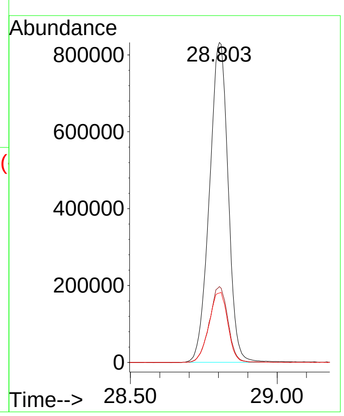



```
#91
Dibenzo(a,h)anthracene
Concen:   51.410 ng
RT:  27.821 min  Scan# 4
Delta R.T.   -0.000 min
Lab File:   BM050199.D
Acq: 05 Jun 2025  12:36

Tgt Ion:278 Resp: 3820009
Ion  Ratio  Lower  Upper
278  100
139   15.9   12.8   19.2
279   23.5   18.6   28.0
```






```
#92
Benzo(g,h,i)perylene
Concen:   49.548 ng
RT:  28.803 min  Scan# 4389
Delta R.T.   0.006 min
Lab File:   BM050199.D
Acq: 05 Jun 2025  12:36

Tgt Ion:276 Resp: 3684864
Ion  Ratio  Lower  Upper
276  100
277   23.7   18.6   27.8
138   21.7   17.8   26.6
```



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050200.D
Acq On : 05 Jun 2025 13:16
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jun 05 14:59:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.787	152	258988	20.000 ng	0.00
21) Naphthalene-d8	10.580	136	988400	20.000 ng	0.00
39) Acenaphthene-d10	14.416	164	551586	20.000 ng	0.00
64) Phenanthrene-d10	17.151	188	997337	20.000 ng	0.00
76) Chrysene-d12	21.386	240	1056136	20.000 ng	0.00
86) Perylene-d12	24.374	264	1194662	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.375	112	1901282	122.462 ng	0.00
7) Phenol-d6	6.951	99	2424424	118.624 ng	0.00
23) Nitrobenzene-d5	8.939	82	2406327	126.617 ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	772080	123.062 ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4898196	120.225 ng	0.00
79) Terphenyl-d14	19.780	244	6053045	108.610 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.293	88	416291	61.170 ng	99
3) Pyridine	3.681	79	1079098	61.229 ng	100
4) n-Nitrosodimethylamine	3.599	42	227764	62.498 ng	99
6) Aniline	7.116	93	1603778	59.359 ng	100
8) 2-Chlorophenol	7.357	128	1039425	60.866 ng	98
9) Benzaldehyde	6.928	77	624366	48.050 ng	99
10) Phenol	6.981	94	1271828	58.814 ng	99
11) bis(2-Chloroethyl)ether	7.216	93	1006488	57.865 ng	98
12) 1,3-Dichlorobenzene	7.681	146	1154067	60.449 ng	99
13) 1,4-Dichlorobenzene	7.828	146	1184887	59.650 ng	99
14) 1,2-Dichlorobenzene	8.139	146	1126847	59.508 ng	100
15) Benzyl Alcohol	8.022	79	856127	58.731 ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	670877	55.523 ng	98
17) 2-Methylphenol	8.222	107	836890	58.654 ng	100
18) Hexachloroethane	8.875	117	434277	60.370 ng	97
19) n-Nitroso-di-n-propyla...	8.598	70	703599	56.257 ng	99
20) 3+4-Methylphenols	8.551	107	1116126	58.468 ng	99
22) Acetophenone	8.604	105	1467978	59.449 ng	99
24) Nitrobenzene	8.981	77	1077660	62.349 ng	99
25) Isophorone	9.510	82	1934777	58.984 ng	100
26) 2-Nitrophenol	9.692	139	502043	67.289 ng	98
27) 2,4-Dimethylphenol	9.751	122	927674	60.457 ng	98
28) bis(2-Chloroethoxy)met...	9.992	93	1280678	59.764 ng	99
29) 2,4-Dichlorophenol	10.222	162	889620	62.710 ng	100
30) 1,2,4-Trichlorobenzene	10.439	180	977963	61.950 ng	99
31) Naphthalene	10.628	128	3038415	59.457 ng	100
32) Benzoic acid	9.881	122	624735	64.846 ng	98
33) 4-Chloroaniline	10.728	127	1304717	59.885 ng	100
34) Hexachlorobutadiene	10.928	225	584323	62.229 ng	99
35) Caprolactam	11.504	113	271534	60.374 ng	99
36) 4-Chloro-3-methylphenol	11.851	107	896859	59.248 ng	99
37) 2-Methylnaphthalene	12.239	142	1834221	59.497 ng	98
38) 1-Methylnaphthalene	12.457	142	1922042	58.741 ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1003997	63.035 ng	99
41) Hexachlorocyclopentadiene	12.598	237	663873	68.632 ng	97
43) 2,4,6-Trichlorophenol	12.845	196	665409	63.528 ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050200.D
Acq On : 05 Jun 2025 13:16
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jun 05 14:59:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	730617	63.531 ng	98
46) 1,1'-Biphenyl	13.257	154	2494729	60.402 ng	100
47) 2-Chloronaphthalene	13.292	162	1947861	60.663 ng	100
48) 2-Nitroaniline	13.486	65	479127	67.806 ng	98
49) Acenaphthylene	14.139	152	3183780	61.302 ng	100
50) Dimethylphthalate	13.880	163	2224786	59.640 ng	100
51) 2,6-Dinitrotoluene	13.986	165	490781	65.238 ng	99
52) Acenaphthene	14.480	154	1953486	60.136 ng	99
53) 3-Nitroaniline	14.310	138	555944	66.308 ng	100
54) 2,4-Dinitrophenol	14.516	184	265588	58.459 ng	92
55) Dibenzofuran	14.816	168	2844670	59.857 ng	100
56) 4-Nitrophenol	14.610	139	477024	66.846 ng	98
57) 2,4-Dinitrotoluene	14.768	165	659402	66.447 ng	99
58) Fluorene	15.463	166	2133522	58.613 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	614431	61.752 ng	93
60) Diethylphthalate	15.251	149	2180022	58.899 ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1031087	58.610 ng	99
62) 4-Nitroaniline	15.474	138	528186	67.214 ng	99
63) Azobenzene	15.757	77	2177933	58.871 ng	99
65) 4,6-Dinitro-2-methylph...	15.533	198	359804	66.052 ng	97
66) n-Nitrosodiphenylamine	15.674	169	1911910	61.011 ng	99
67) 4-Bromophenyl-phenylether	16.351	248	649254	61.046 ng	99
68) Hexachlorobenzene	16.462	284	761552	61.287 ng	99
69) Atrazine	16.621	200	634737	63.570 ng	98
70) Pentachlorophenol	16.804	266	528095	65.368 ng	99
71) Phenanthrene	17.198	178	3421380	60.051 ng	100
72) Anthracene	17.286	178	3485282	61.148 ng	100
73) Carbazole	17.551	167	3246806	62.528 ng	100
74) Di-n-butylphthalate	18.133	149	3550989	62.851 ng	100
75) Fluoranthene	19.209	202	3841414	63.934 ng	100
77) Benzidine	19.392	184	1902050	64.043 ng	100
78) Pyrene	19.568	202	4035214	56.687 ng	100
80) Butylbenzylphthalate	20.480	149	1522384	64.115 ng	97
81) Benzo(a)anthracene	21.368	228	4055461	60.666 ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	1424421	69.874 ng	100
83) Chrysene	21.433	228	3854906	60.623 ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	2349225	64.231 ng	100
85) Di-n-octyl phthalate	22.462	149	3946065	72.708 ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	5275171	68.579 ng	# 92
88) Benzo(b)fluoranthene	23.433	252	4222358	60.790 ng	99
89) Benzo(k)fluoranthene	23.503	252	4265446	60.156 ng	100
90) Benzo(a)pyrene	24.238	252	4132525	63.280 ng	100
91) Dibenzo(a,h)anthracene	27.821	278	4258292	68.201 ng	99
92) Benzo(g,h,i)perylene	28.809	276	4279836	68.486 ng	100

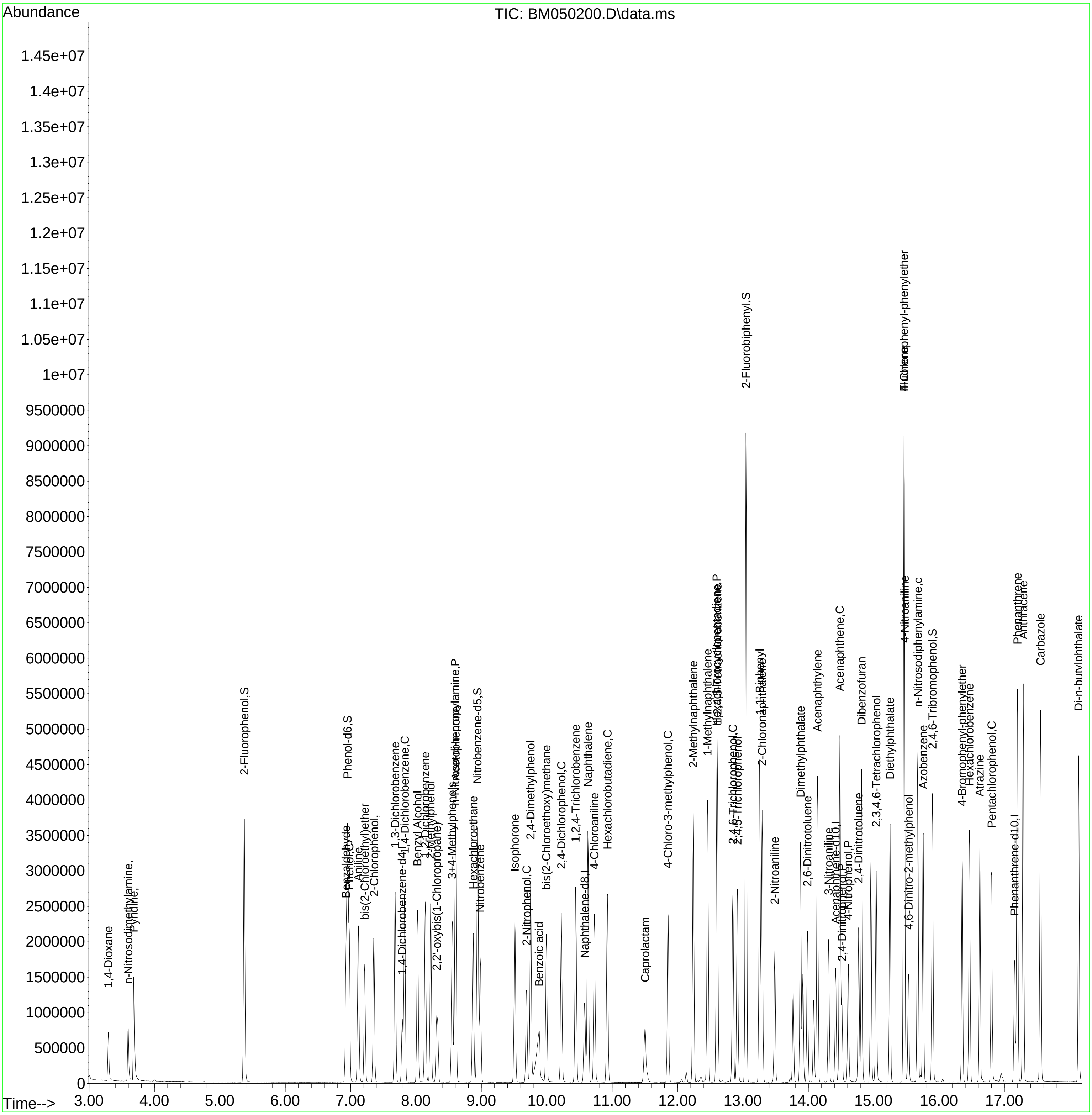
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050200.D
Acq On : 05 Jun 2025 13:16
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :	BNA_M
ClientSampleId :	SSTDICC060

Quant Time: Jun 05 14:59:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



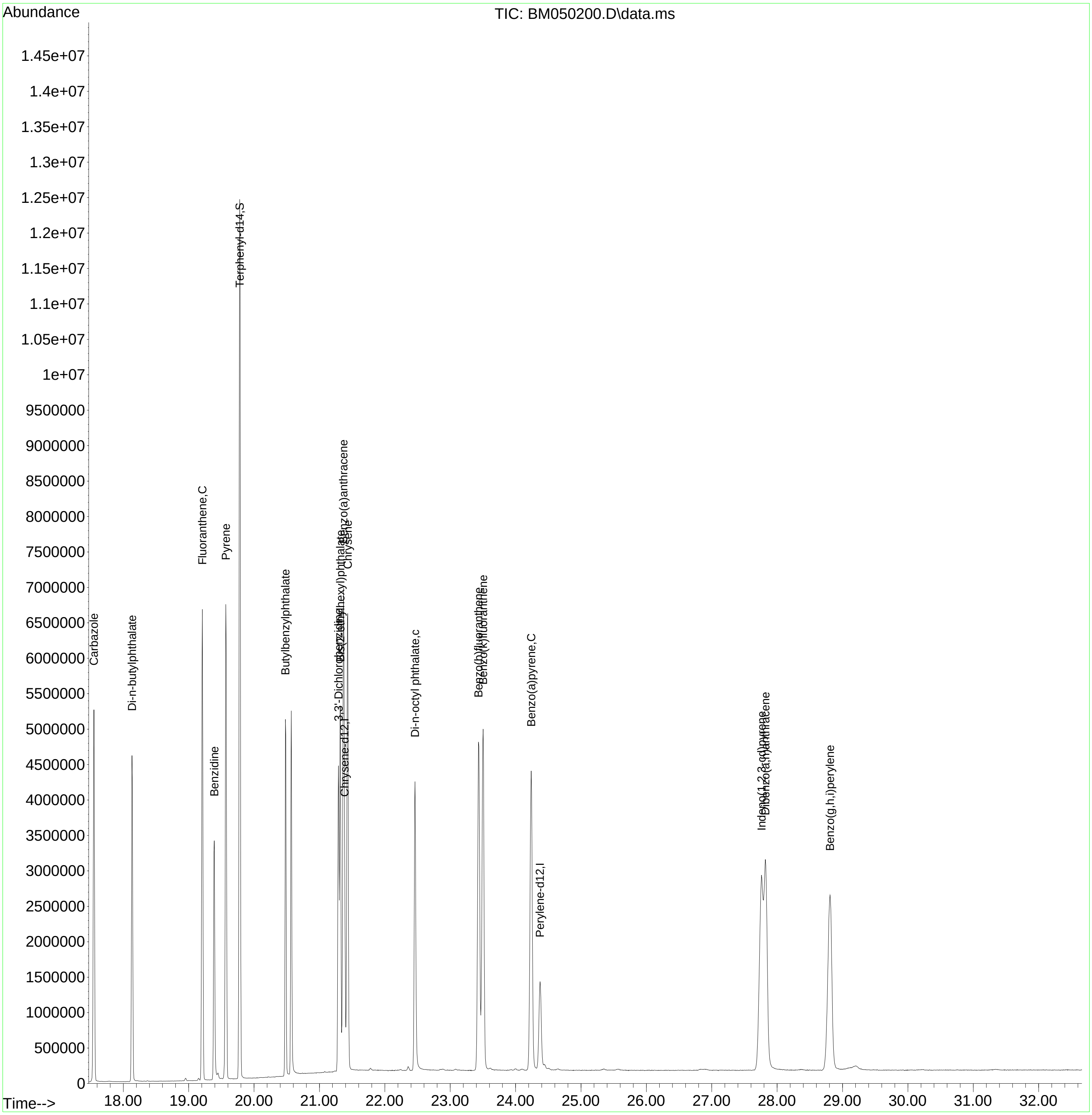
Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050200.D
Acq On : 05 Jun 2025 13:16
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

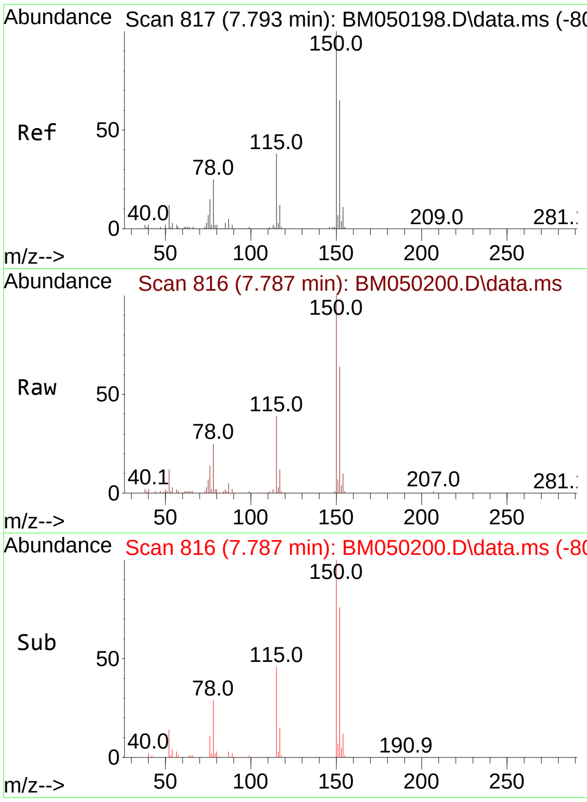
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jun 05 14:59:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



ICAL Form

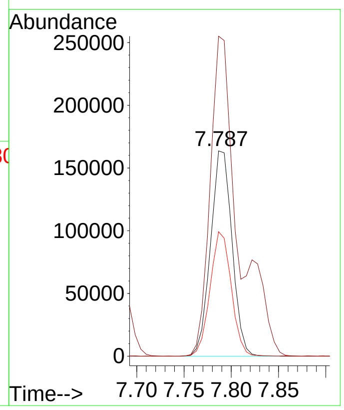
Instrument : BNA_M
ClientSampleId : SSTDICC060

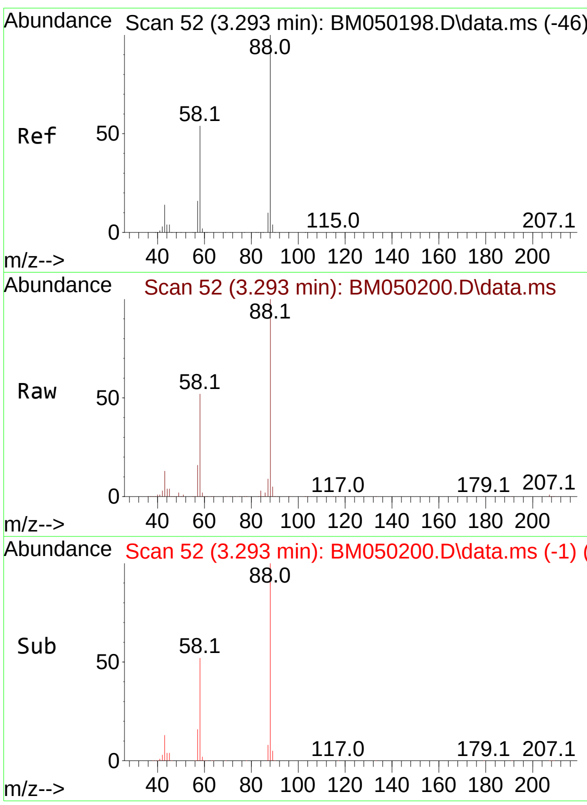


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:152 Resp: 258988

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.2	183.4
115	60.6	46.3	69.5

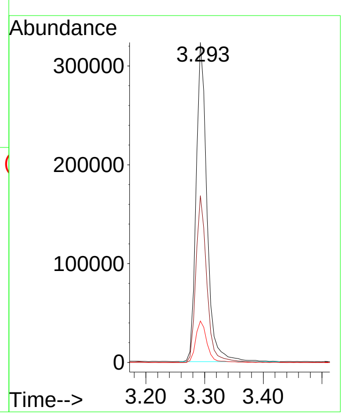




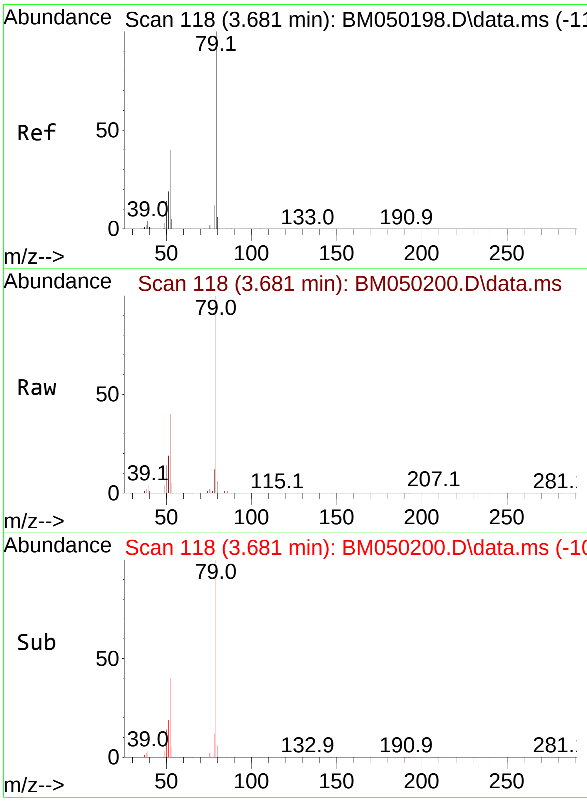
#2
1,4-Dioxane
Concen: 61.170 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 88 Resp: 416291

Ion	Ratio	Lower	Upper
88	100		
58	52.4	42.9	64.3
43	13.5	11.0	16.6



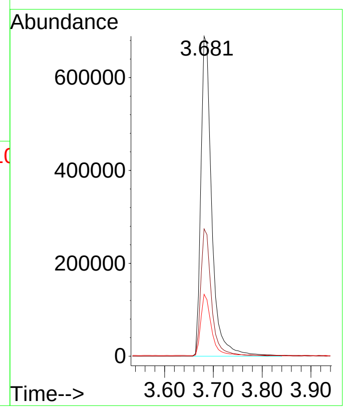
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

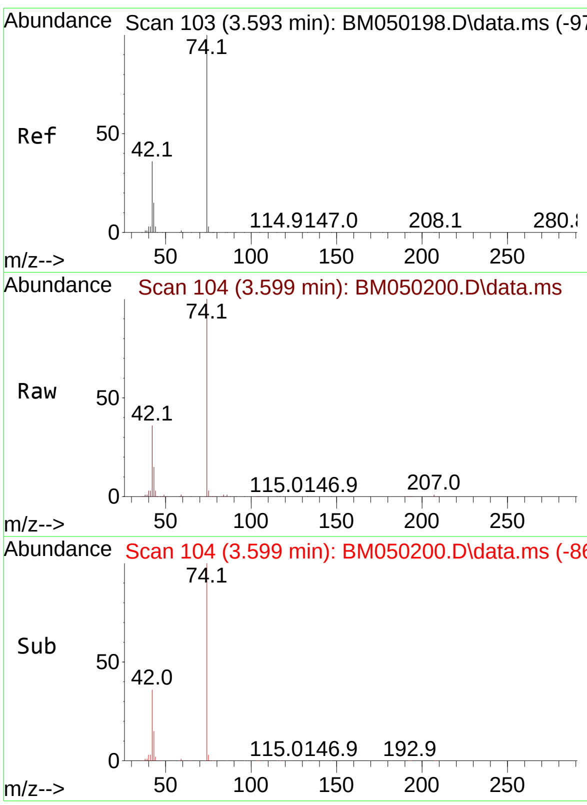


#3
Pyridine
Concen: 61.229 ng
RT: 3.681 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 79 Resp: 1079098

Ion	Ratio	Lower	Upper
79	100		
52	39.8	32.1	48.1
51	19.4	15.4	23.0

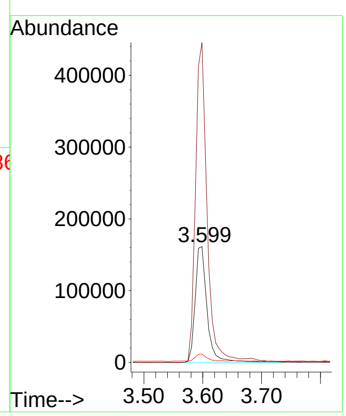




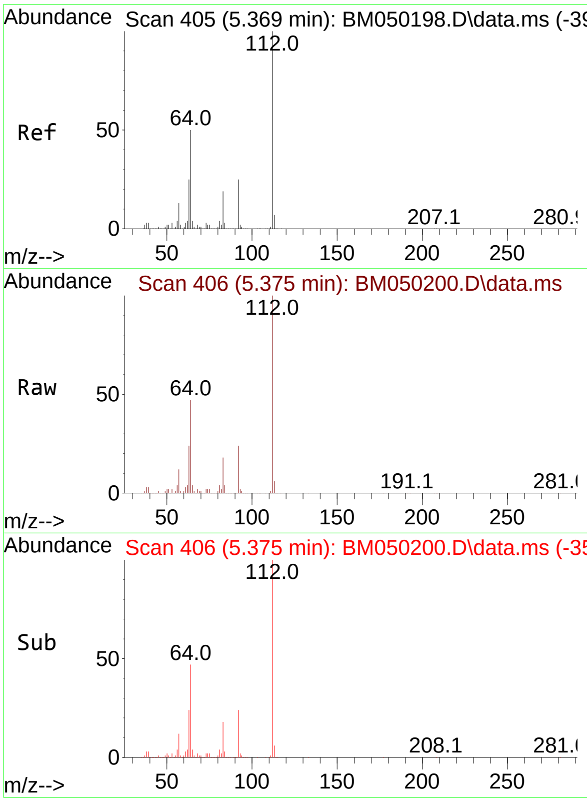
#4
n-Nitrosodimethylamine
Concen: 62.498 ng
RT: 3.599 min Scan# 104
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 42 Resp: 227764

Ion	Ratio	Lower	Upper
42	100		
74	276.4	222.0	333.0
44	7.4	7.0	10.6



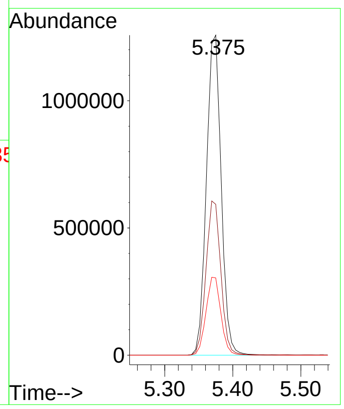
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

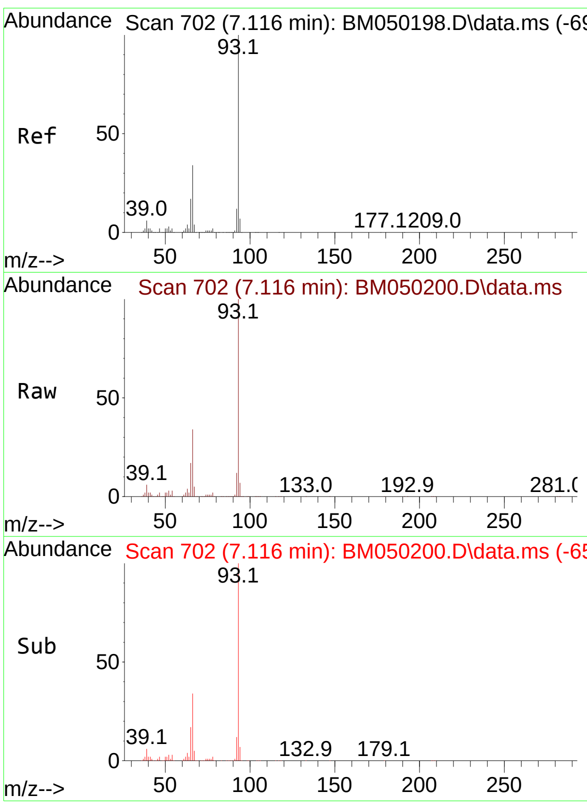


#5
2-Fluorophenol
Concen: 122.462 ng
RT: 5.375 min   Scan# 4
Delta R.T.   0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

Tgt Ion:112 Resp: 1901282

Ion	Ratio	Lower	Upper
112	100		
64	47.1	39.8	59.6
63	24.2	19.8	29.8

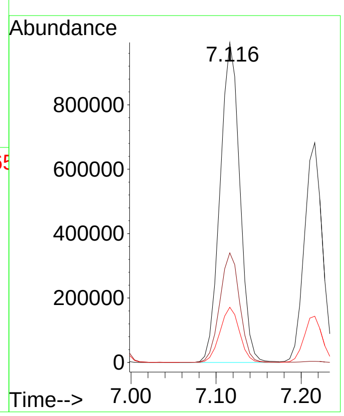




#6
Aniline
Concen: 59.359 ng
RT: 7.116 min   Scan# 702
Delta R.T.   -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

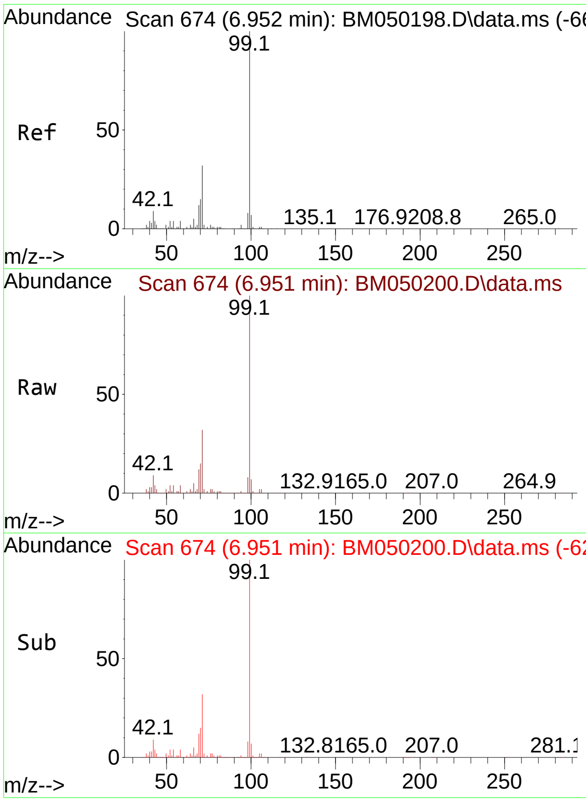
Tgt Ion: 93 Resp: 1603778

Ion	Ratio	Lower	Upper
93	100		
66	34.2	27.4	41.2
65	17.3	13.6	20.4



ICAL Form

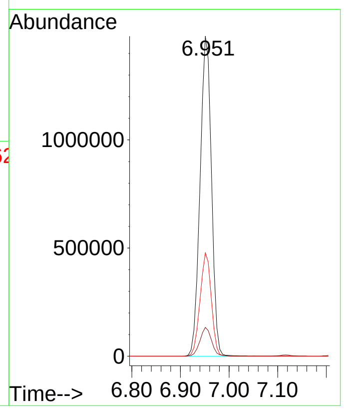
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

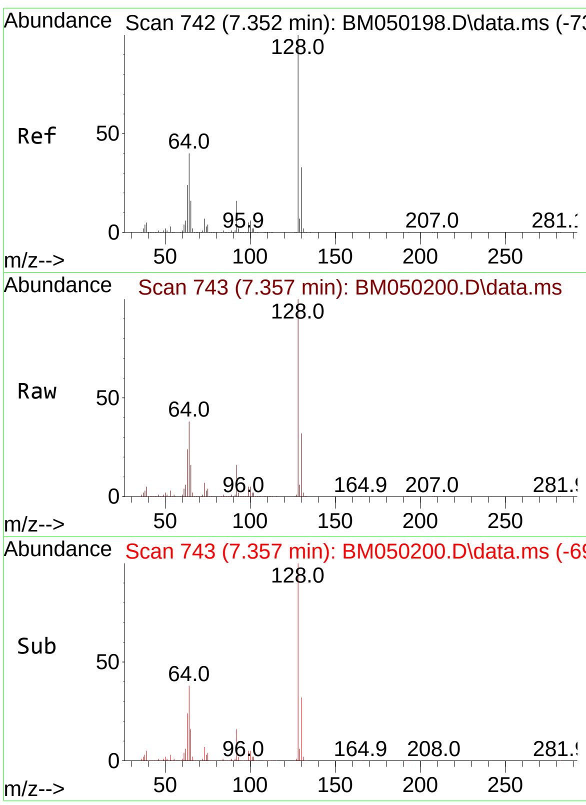


#7
Phenol-d6
Concen: 118.624 ng
RT: 6.951 min   Scan# 6
Delta R.T.   -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

Tgt Ion: 99 Resp: 2424424

Ion	Ratio	Lower	Upper
99	100		
42	9.0	6.9	10.3
71	32.3	25.3	37.9

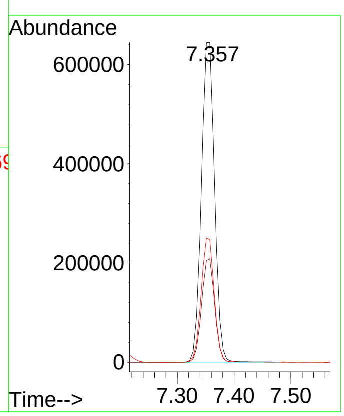




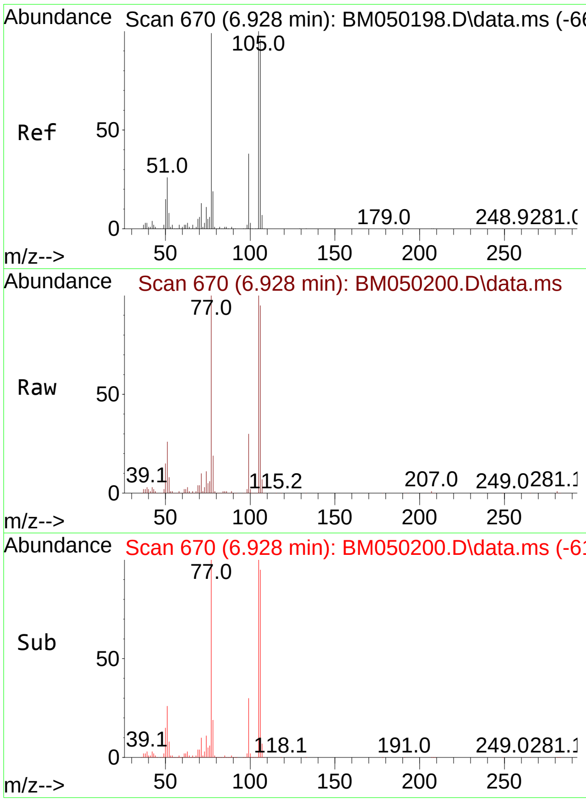
#8
2-Chlorophenol
Concen: 60.866 ng
RT: 7.357 min   Scan# 743
Delta R.T.   0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

Tgt Ion:128 Resp: 1039425

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	38.3	19.8	59.8



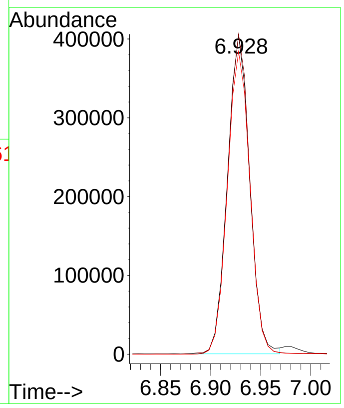
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

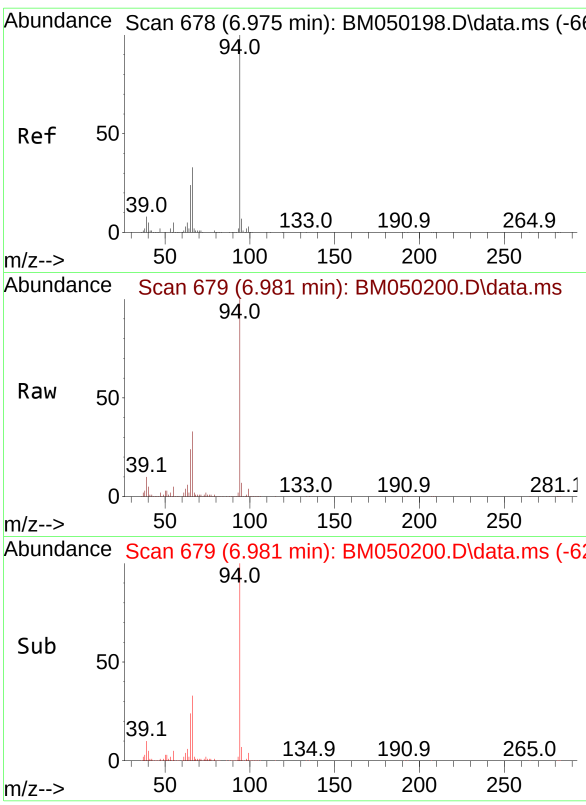


#9
Benzaldehyde
Concen: 48.050 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 77 Resp: 624366

Ion	Ratio	Lower	Upper
77	100		
105	100.4	80.9	120.9
106	95.0	77.1	117.1

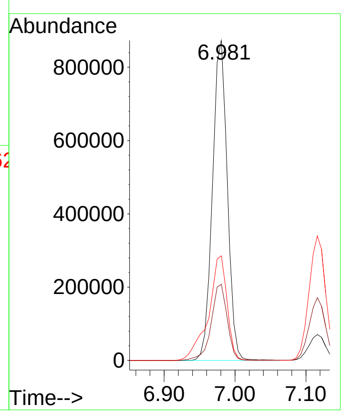




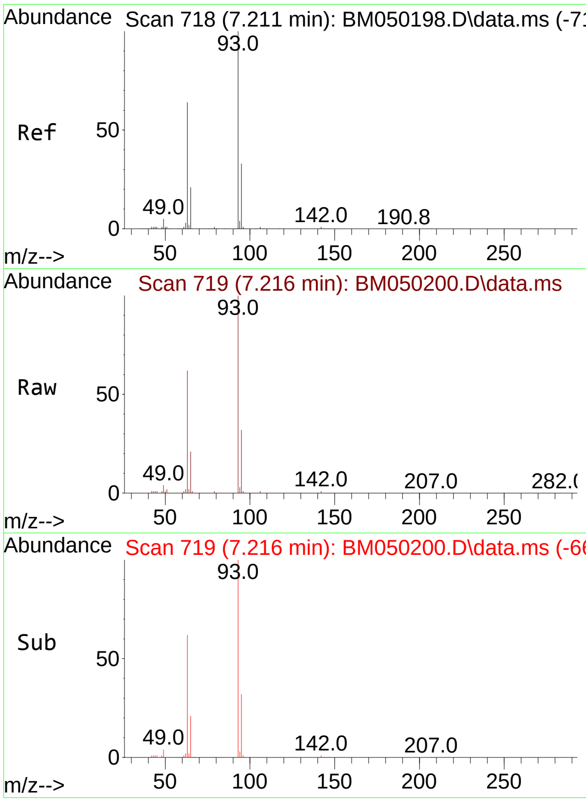
#10
Phenol
Concen: 58.814 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 94 Resp: 1271828

Ion	Ratio	Lower	Upper
94	100		
65	23.8	4.3	44.3
66	32.7	12.9	52.9



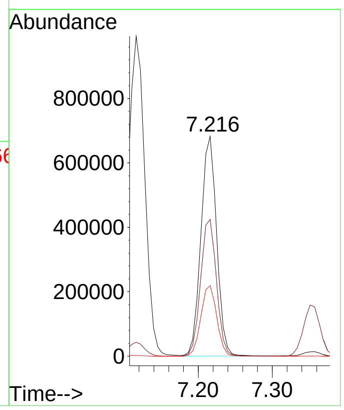
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

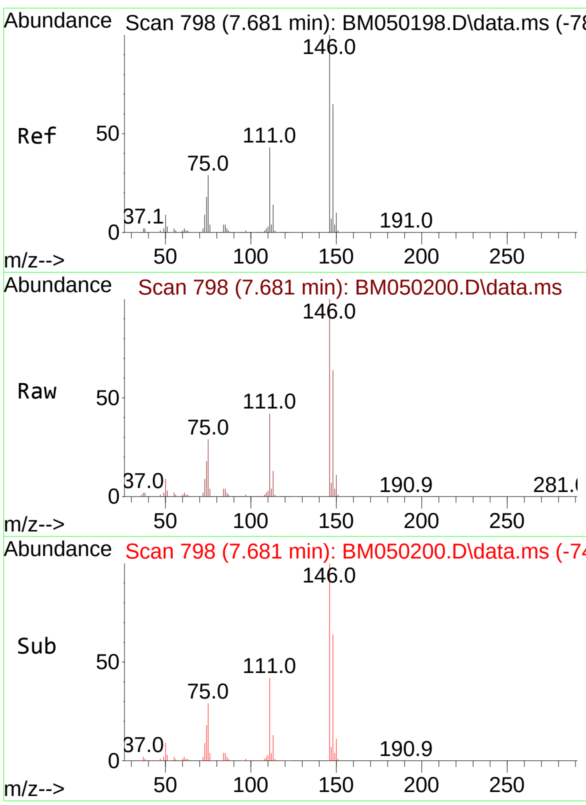


#11
bis(2-Chloroethyl)ether
Concen: 57.865 ng
RT: 7.216 min   Scan# 71
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

Tgt Ion: 93 Resp: 1006488

Ion	Ratio	Lower	Upper
93	100		
63	62.2	43.9	83.9
95	32.1	12.7	52.7

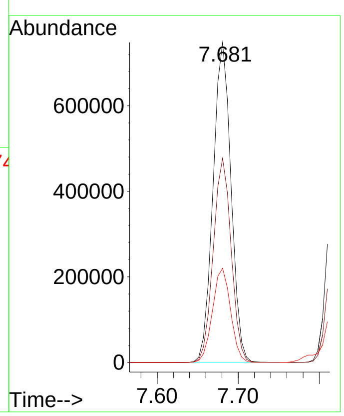




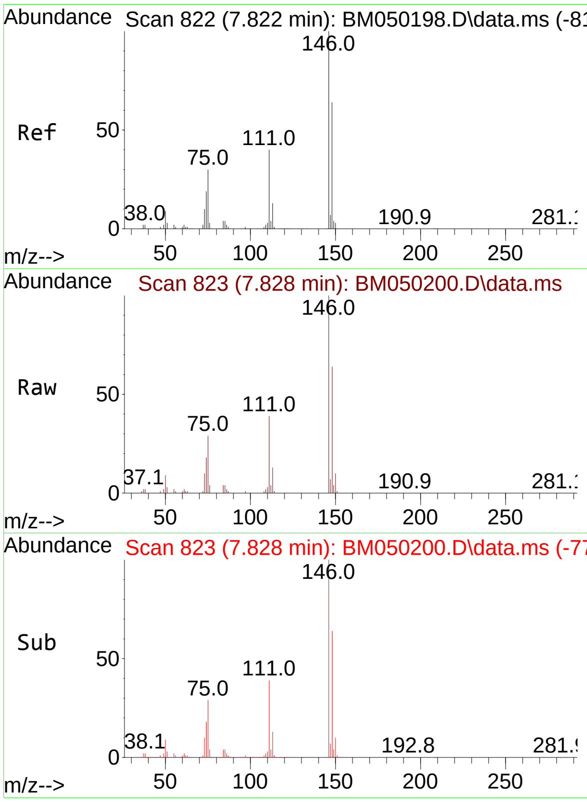
#12
1,3-Dichlorobenzene
Concen: 60.449 ng
RT: 7.681 min   Scan# 798
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

Tgt Ion:146 Resp: 1154067

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	29.4	23.4	35.0



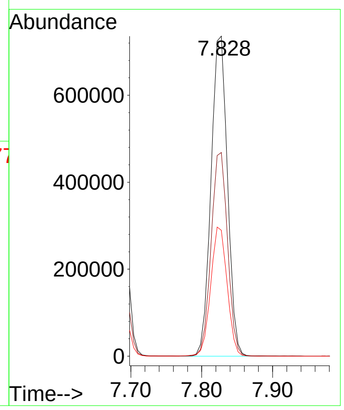
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

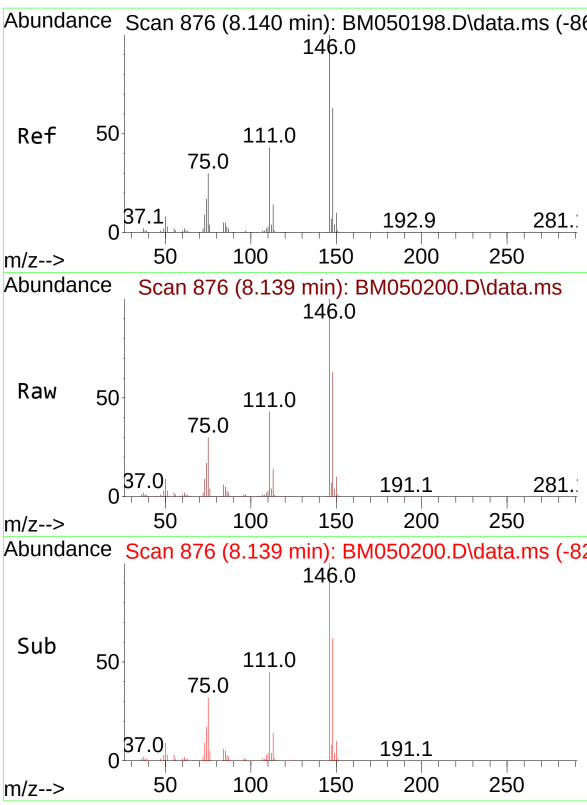


#13
1,4-Dichlorobenzene
Concen: 59.650 ng
RT: 7.828 min Scan# 8
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:146 Resp: 1184887

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
111	39.4	32.3	48.5

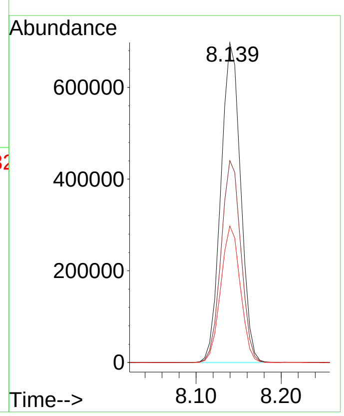




#14
1,2-Dichlorobenzene
Concen: 59.508 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

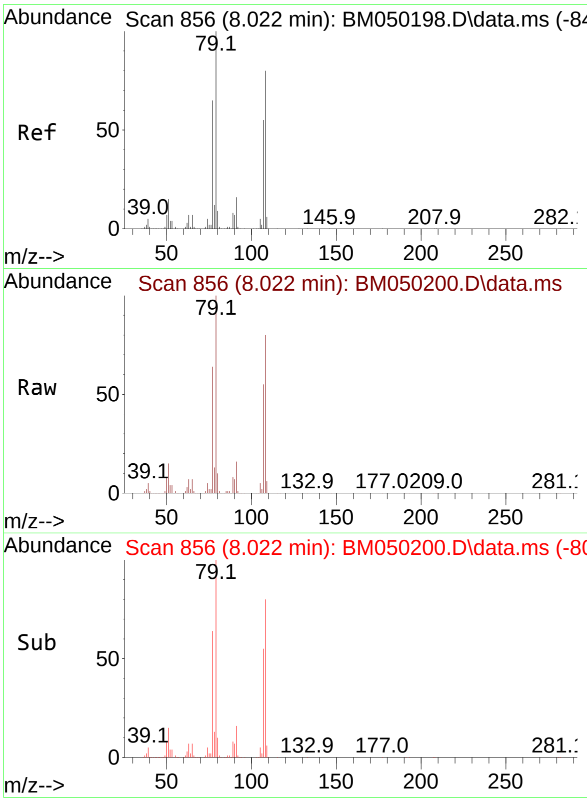
Tgt Ion:146 Resp: 1126847

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	42.6	34.3	51.5



ICAL Form

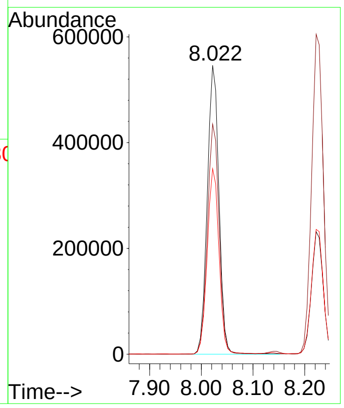
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

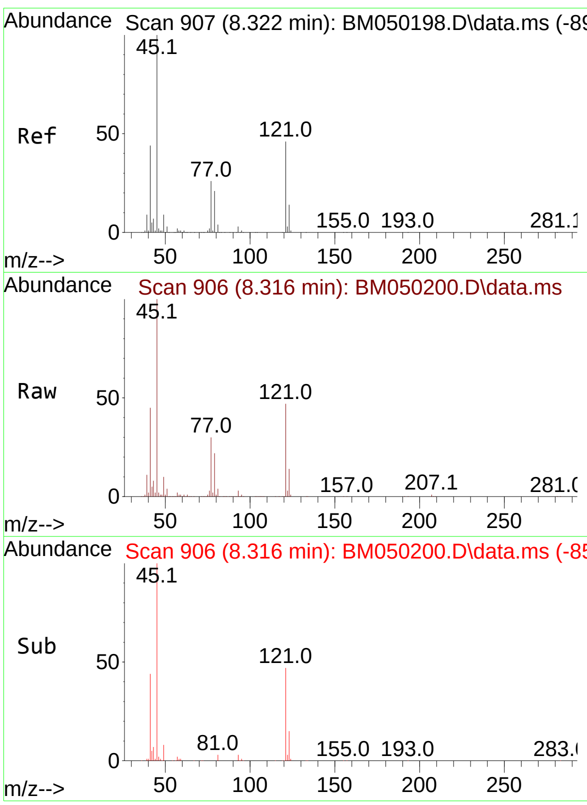


#15
Benzyl Alcohol
Concen: 58.731 ng
RT: 8.022 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 79 Resp: 856127

Ion	Ratio	Lower	Upper
79	100		
108	79.7	64.0	96.0
77	64.2	52.2	78.2

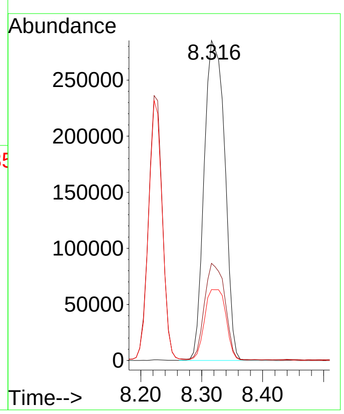




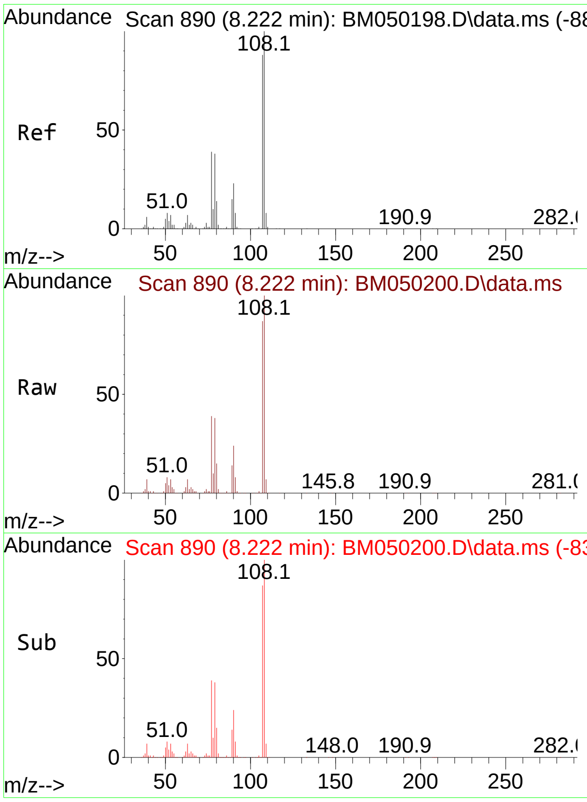
#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.523 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 45 Resp: 670877

Ion	Ratio	Lower	Upper
45	100		
77	30.4	8.7	48.7
79	22.1	2.7	42.7



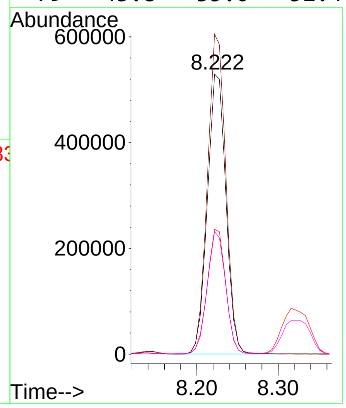
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

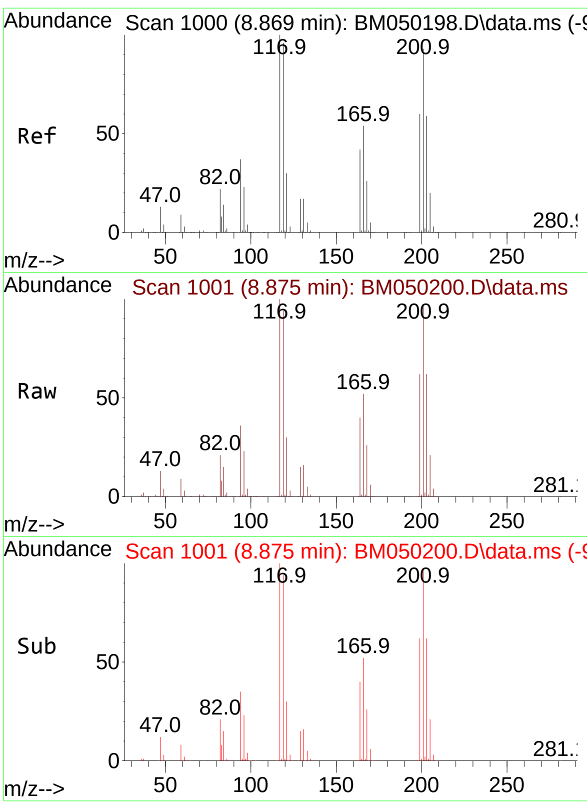


#17
2-Methylphenol
Concen: 58.654 ng
RT: 8.222 min   Scan# 8
Delta R.T.   -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

Tgt Ion:107 Resp: 836890

Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.8	136.2
77	44.6	35.7	53.5
79	43.8	35.0	52.4

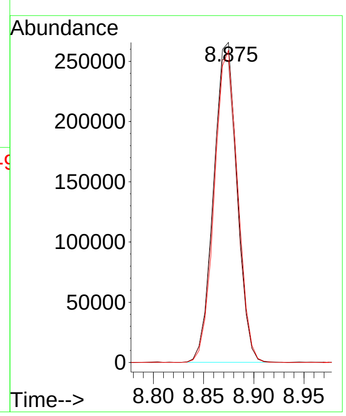




#18
Hexachloroethane
Concen: 60.370 ng
RT: 8.875 min   Scan# 1001
Delta R.T.   0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

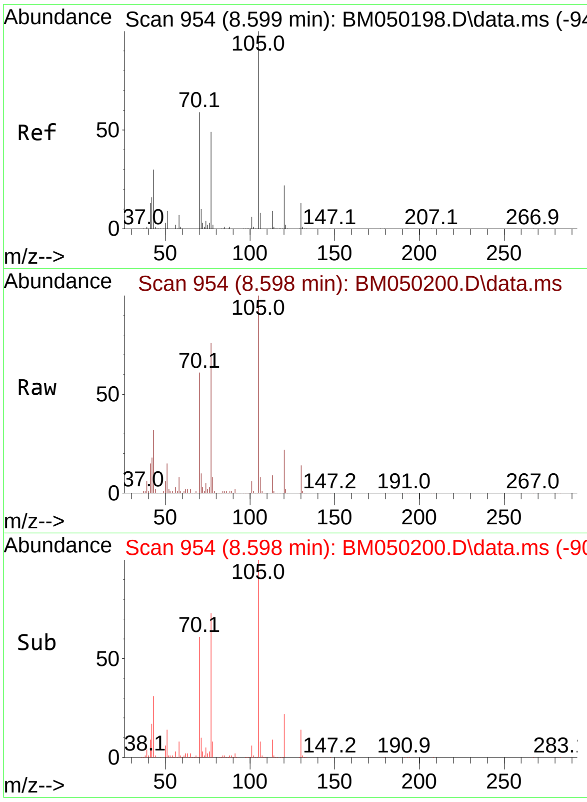
Tgt Ion:117 Resp: 434277

Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.0	115.6
201	97.5	74.6	111.8



ICAL Form

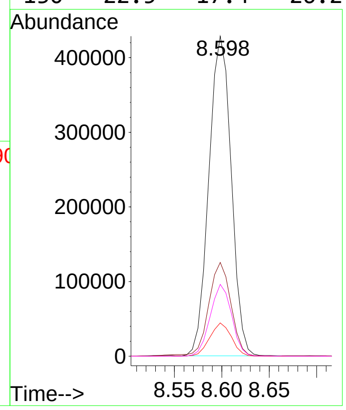
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

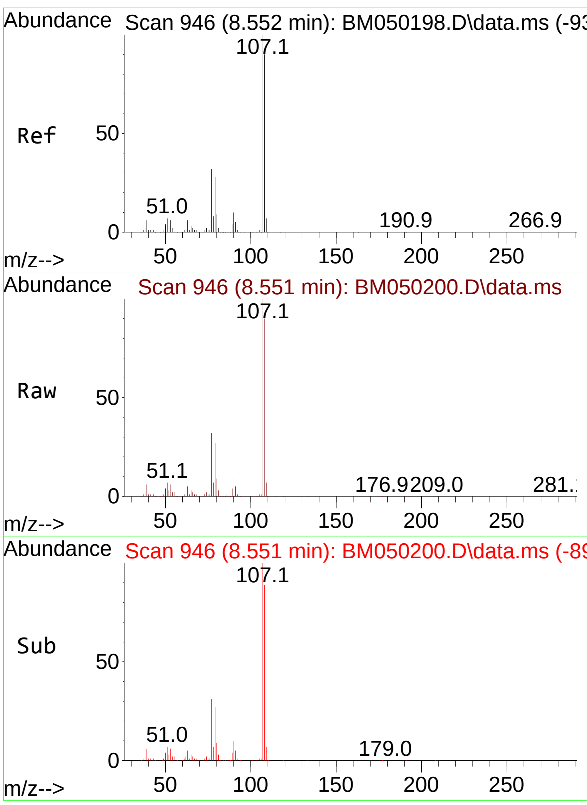


#19
n-Nitroso-di-n-propylamine
Concen: 56.257 ng
RT: 8.598 min   Scan# 9
Delta R.T.   -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

Tgt Ion: 70 Resp: 703599

Ion	Ratio	Lower	Upper
70	100		
42	29.3	22.6	33.8
101	10.4	8.3	12.5
130	22.5	17.4	26.2

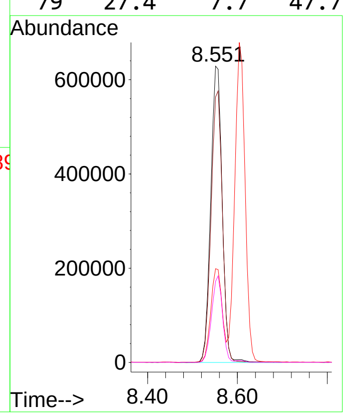




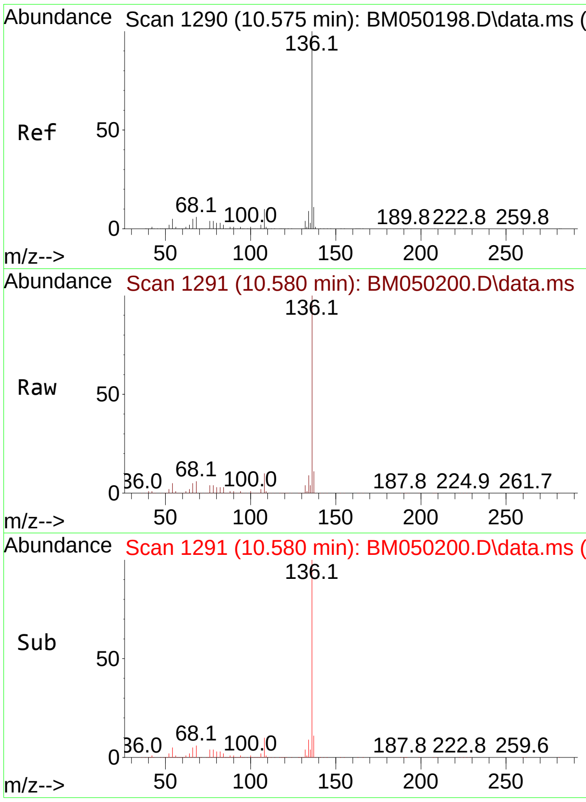
#20
3+4-Methylphenols
Concen: 58.468 ng
RT: 8.551 min   Scan# 946
Delta R.T.   -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

Tgt Ion:107 Resp: 1116126

Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.4	110.4
77	31.7	12.2	52.2
79	27.4	7.7	47.7



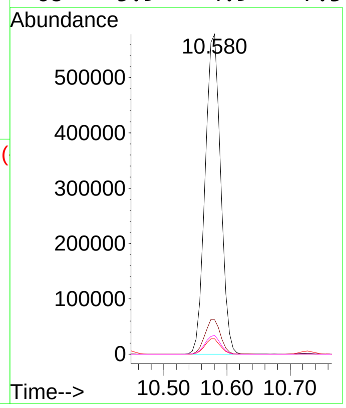
Instrument : BNA_M
ClientSampleId : SSTDICC060

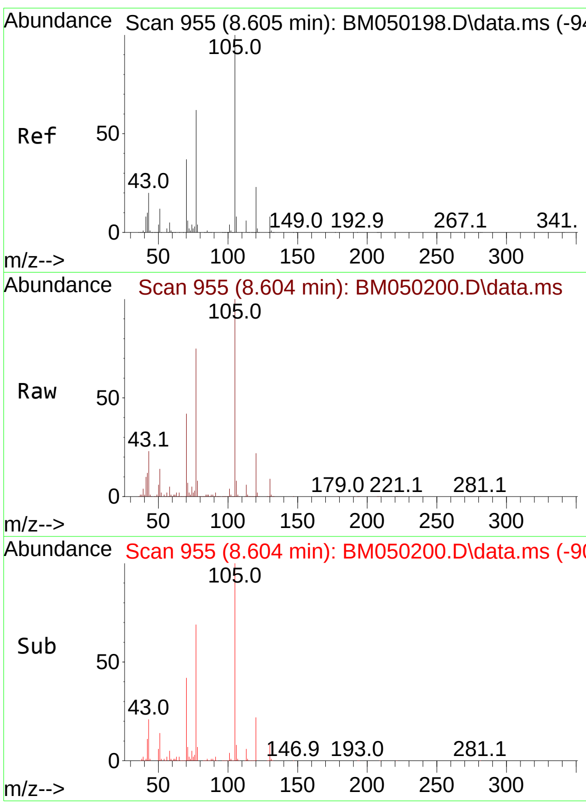


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:136 Resp: 988400

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.8	3.8	5.8
68	5.9	4.9	7.3

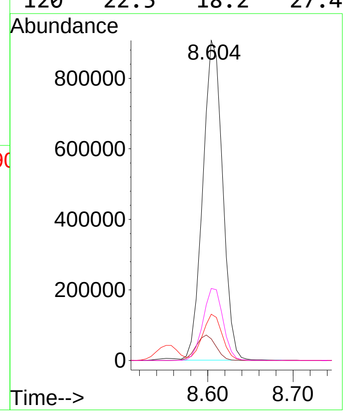




#22
Acetophenone
Concen: 59.449 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

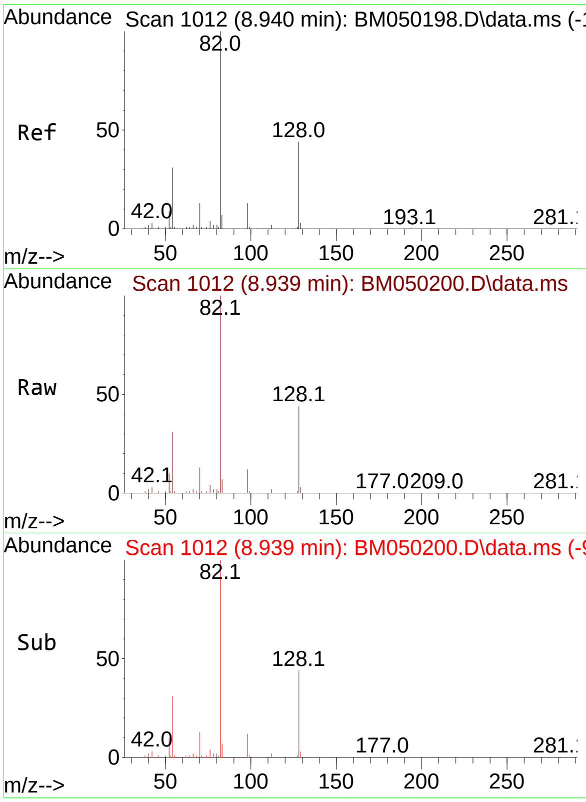
Tgt Ion:105 Resp: 1467978

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.0	7.4
51	14.5	11.4	17.2
120	22.5	18.2	27.4



ICAL Form

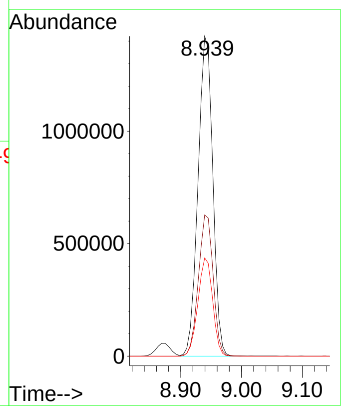
Instrument : BNA_M
ClientSampleId : SSTDICC060

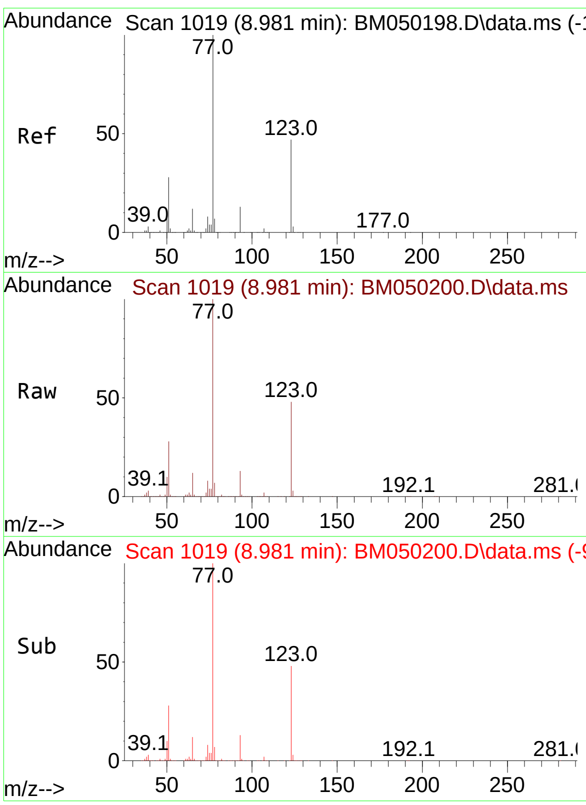


#23
Nitrobenzene-d5
Concen: 126.617 ng
RT: 8.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 82 Resp: 2406327

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.2	52.8
54	30.7	24.5	36.7

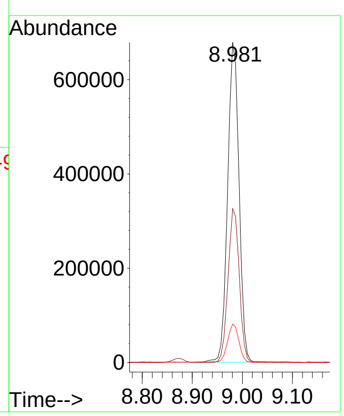




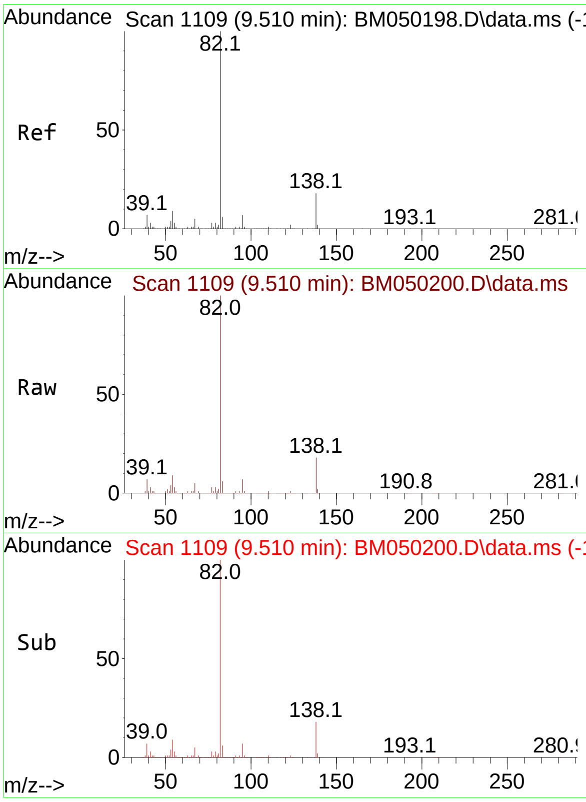
#24
Nitrobenzene
Concen: 62.349 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 77 Resp: 1077660

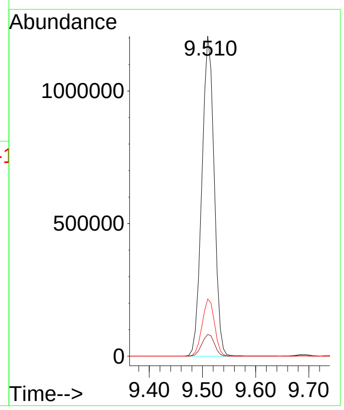
Ion	Ratio	Lower	Upper
77	100		
123	48.1	38.2	57.2
65	12.0	9.5	14.3

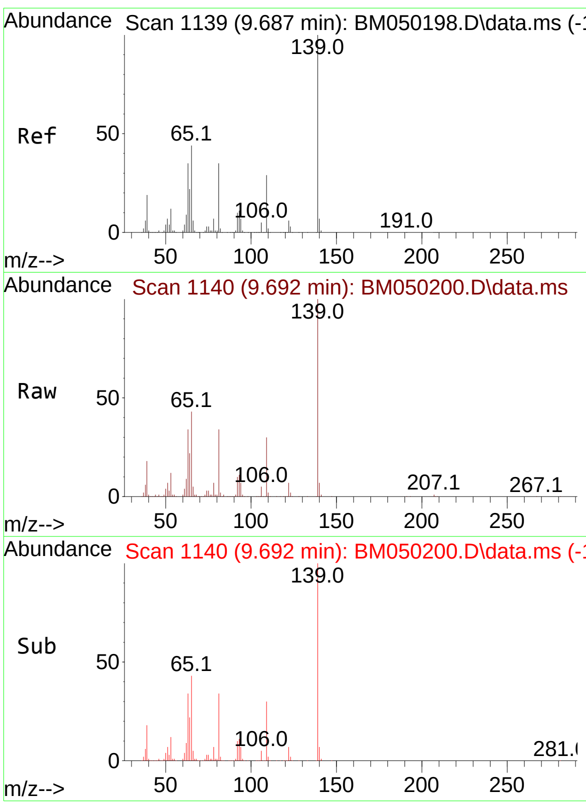


Instrument :
BNA_M
ClientSampleId :
SSTDICC060

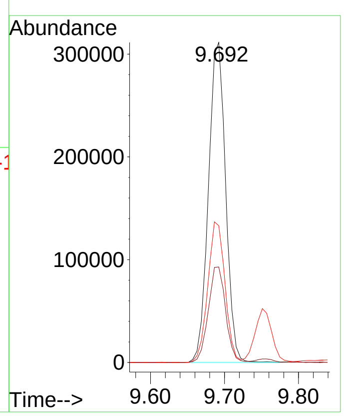



```
#25
Isophorone
Concen:   58.984 ng
RT:   9.510 min  Scan# 1
Delta R.T.  -0.000 min
Lab File:   BM050200.D
Acq: 05 Jun 2025  13:16

Tgt Ion: 82 Resp: 1934777
Ion  Ratio  Lower  Upper
 82  100
 95    6.8    5.7    8.5
138   17.8   14.2   21.2
```



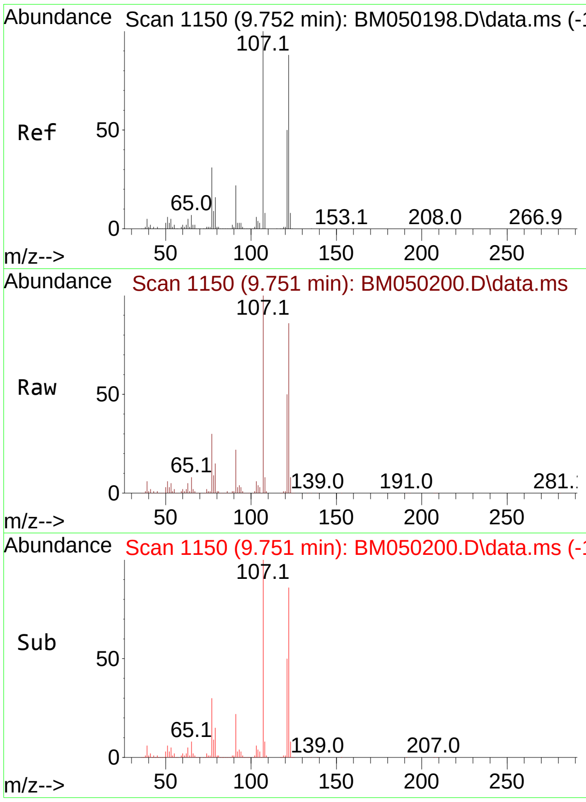



```
#26
2-Nitrophenol
Concen:   67.289 ng
RT:   9.692 min  Scan# 1140
Delta R.T.  0.005 min
Lab File:   BM050200.D
Acq: 05 Jun 2025  13:16

Tgt Ion:139 Resp:  502043
Ion  Ratio  Lower  Upper
139  100
109   29.9   23.3   34.9
 65   42.7   35.2   52.8
```



ICAL Form

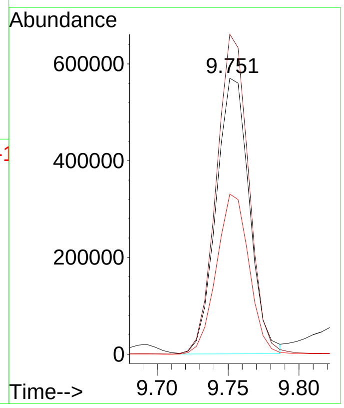
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

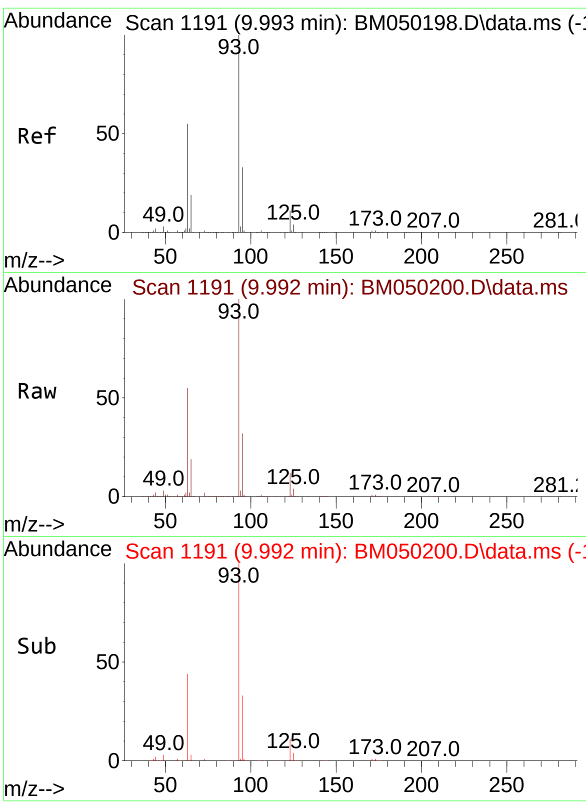


#27
2,4-Dimethylphenol
Concen: 60.457 ng
RT: 9.751 min   Scan# 1
Delta R.T.   -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

Tgt Ion:122 Resp: 927674

Ion	Ratio	Lower	Upper
122	100		
107	115.9	91.0	136.6
121	58.0	45.8	68.6

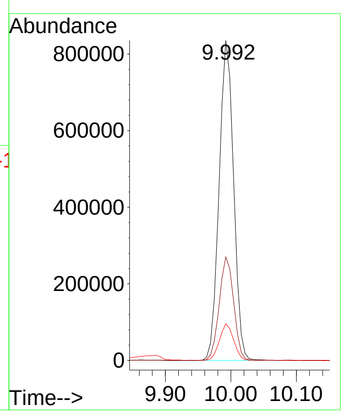




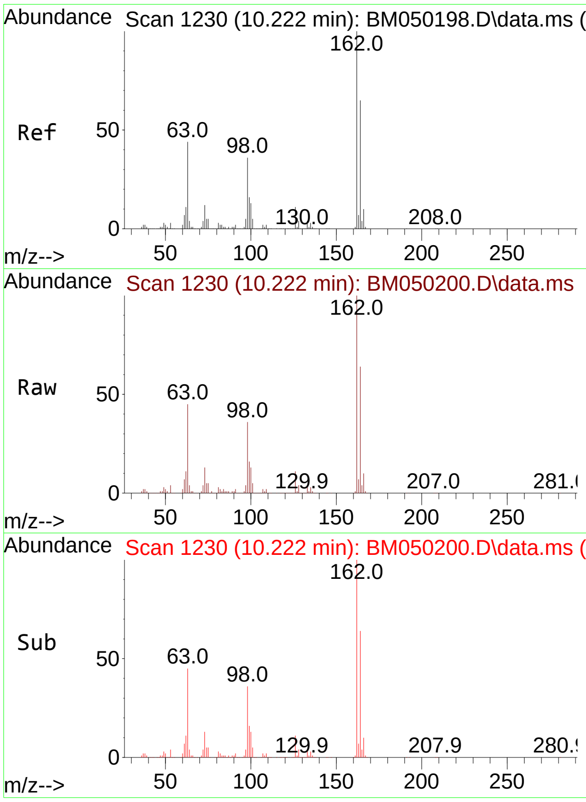
#28
bis(2-Chloroethoxy)methane
Concen: 59.764 ng
RT: 9.992 min   Scan# 1191
Delta R.T.   -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

Tgt Ion: 93 Resp: 1280678

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.5	8.9	13.3



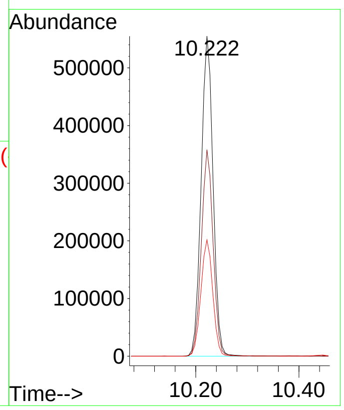
Instrument : BNA_M
ClientSampleId : SSTDICC060

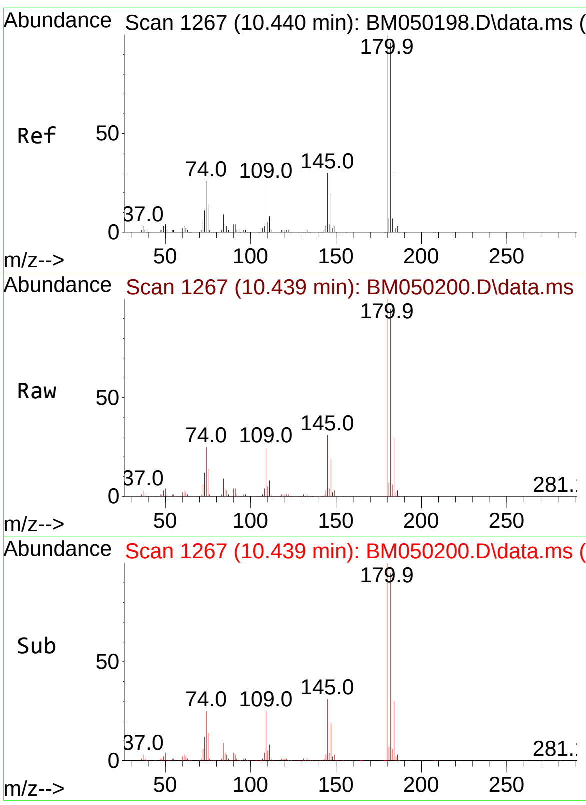


#29
2,4-Dichlorophenol
Concen: 62.710 ng
RT: 10.222 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:162 Resp: 889620

Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.0	85.0
98	36.4	16.3	56.3

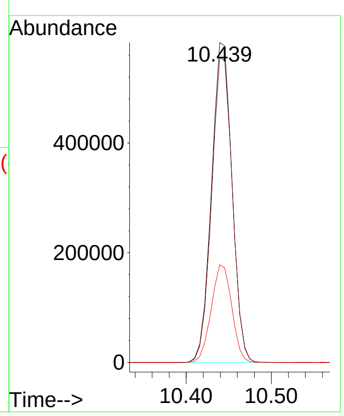




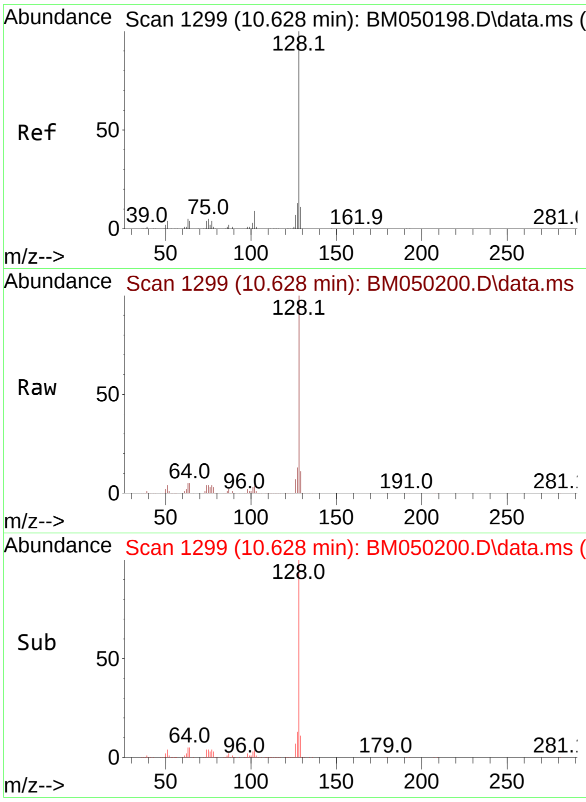
#30
1,2,4-Trichlorobenzene
Concen: 61.950 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:180 Resp: 977963

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	114.8
145	30.5	24.2	36.4



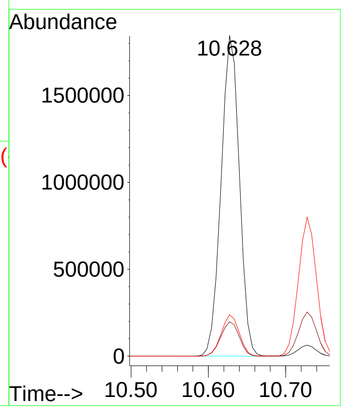
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

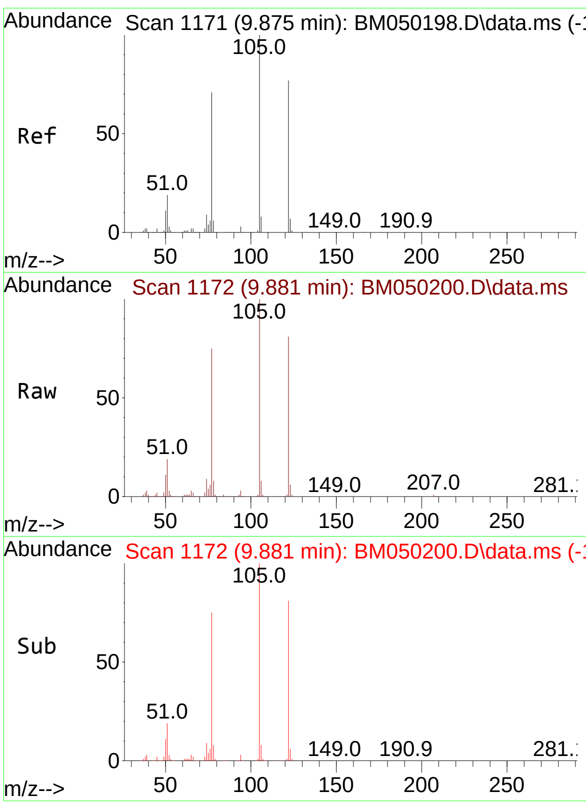


#31
Naphthalene
Concen: 59.457 ng
RT: 10.628 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:128 Resp: 3038415

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	12.9	10.2	15.4

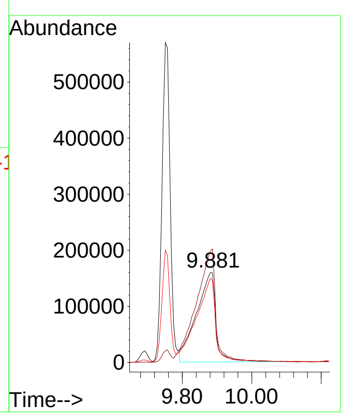




#32
Benzoic acid
Concen: 64.846 ng
RT: 9.881 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

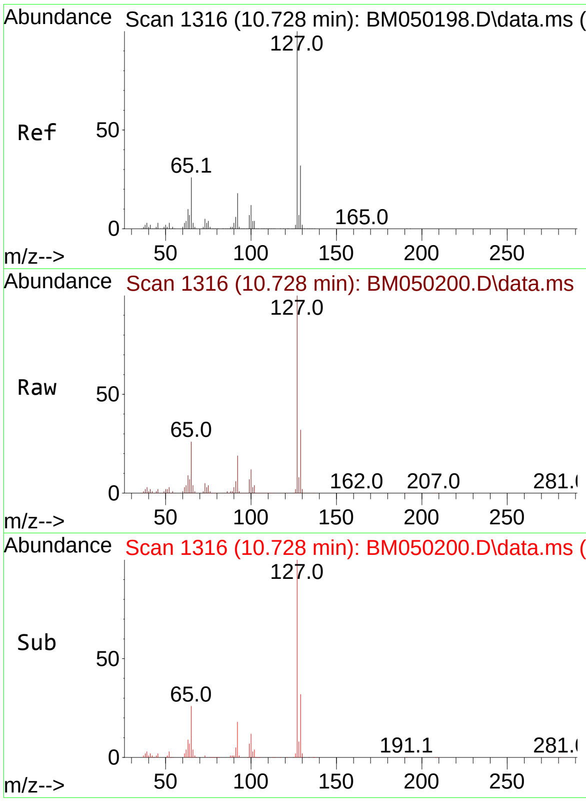
Tgt Ion:122 Resp: 624735

Ion	Ratio	Lower	Upper
122	100		
105	123.7	103.4	143.4
77	93.3	70.3	110.3



ICAL Form

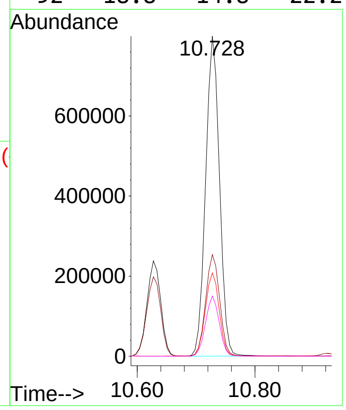
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

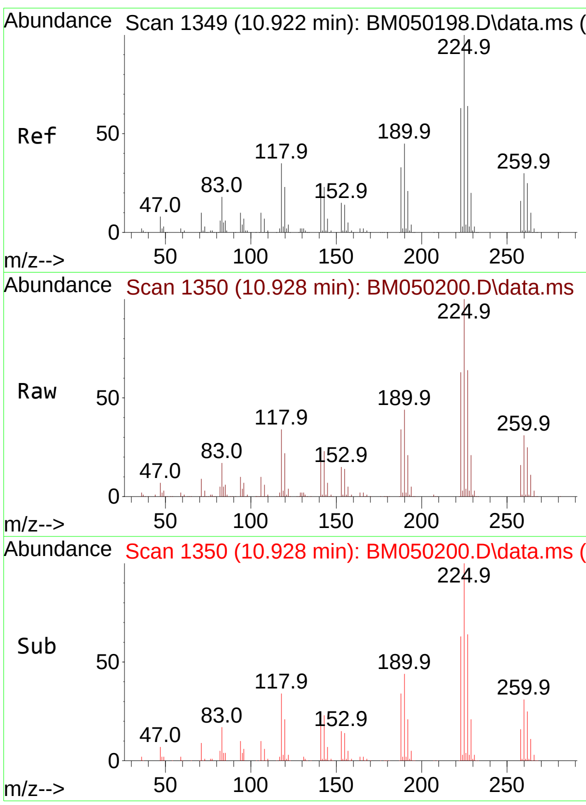


#33
4-Chloroaniline
Concen: 59.885 ng
RT: 10.728 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:127 Resp: 1304717

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.0
65	26.0	21.0	31.4
92	18.8	14.8	22.2

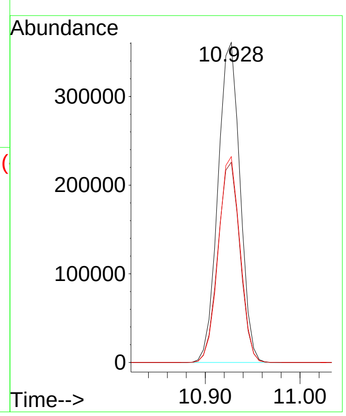




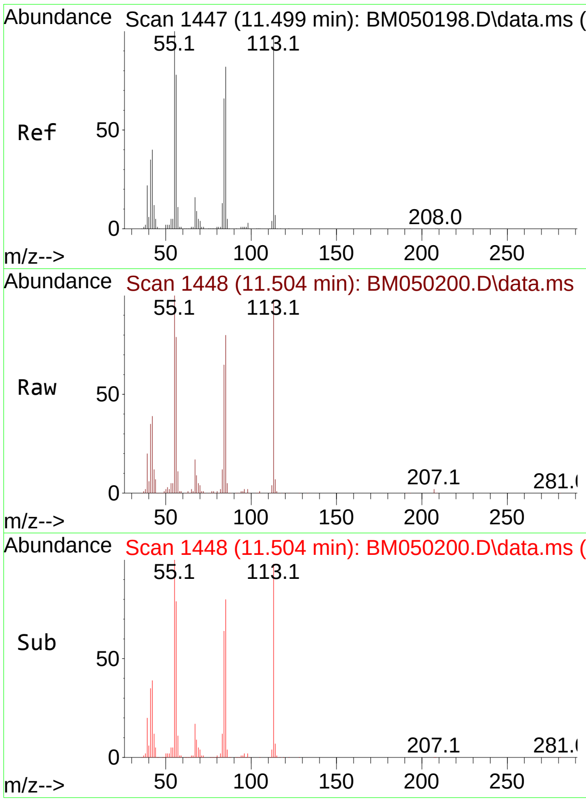
#34
Hexachlorobutadiene
Concen: 62.229 ng
RT: 10.928 min Scan# 1350
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:225 Resp: 584323

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	64.3	51.0	76.4



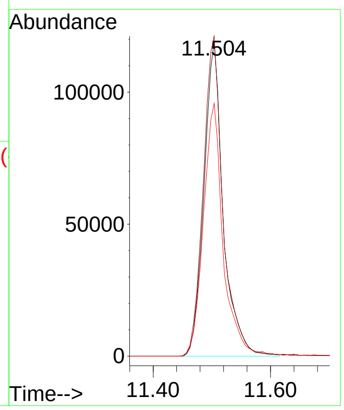
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

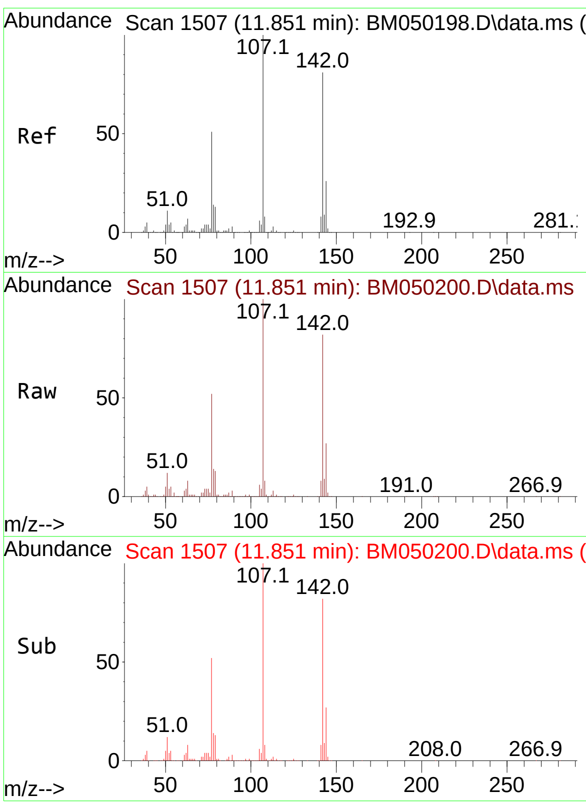


#35
Caprolactam
Concen: 60.374 ng
RT: 11.504 min Scan# 14
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:113 Resp: 271534

Ion	Ratio	Lower	Upper
113	100		
55	101.8	83.5	123.5
56	80.4	60.6	100.6

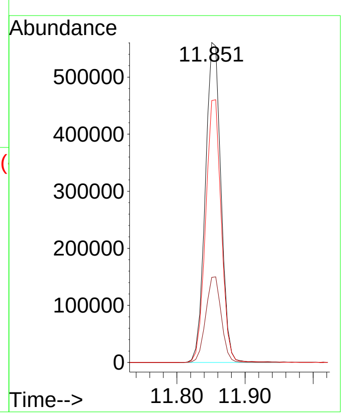




#36
4-Chloro-3-methylphenol
Concen: 59.248 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

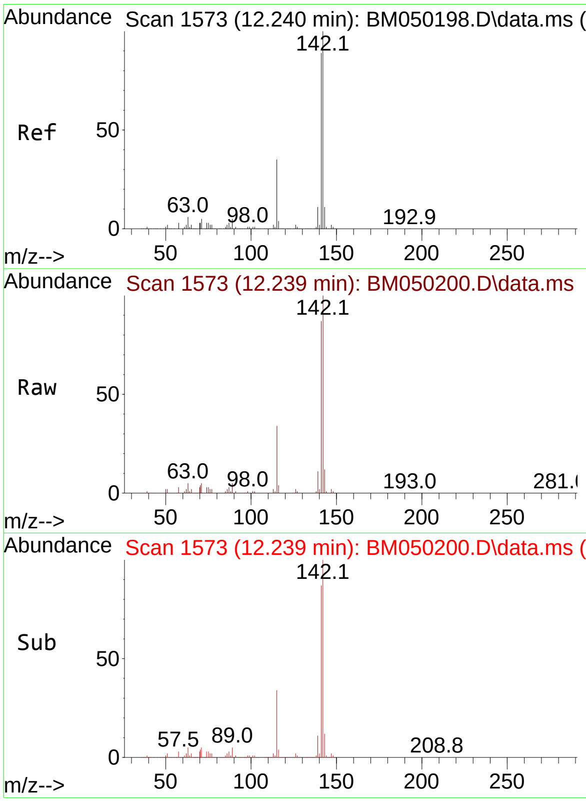
Tgt Ion:107 Resp: 896859

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.0	31.6
142	81.9	64.8	97.2



ICAL Form

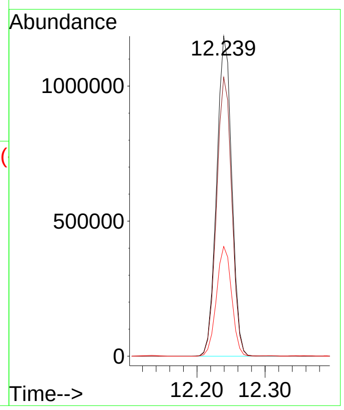
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

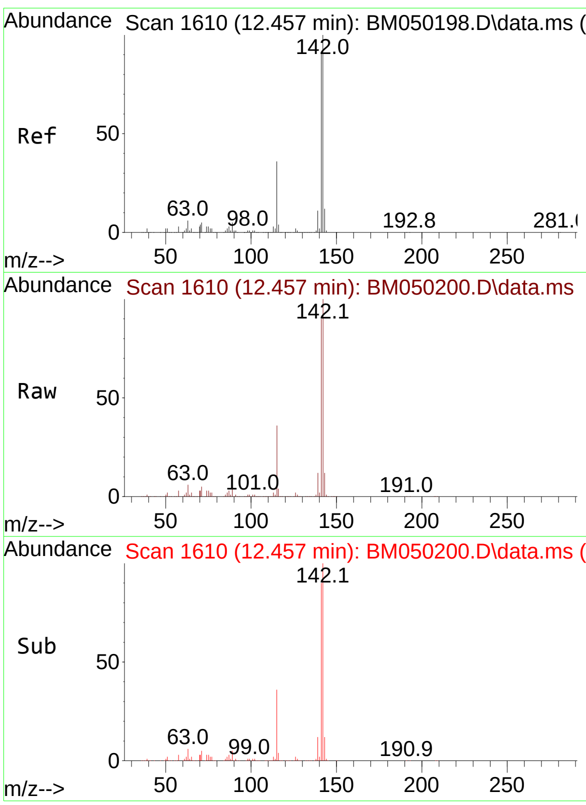


#37
2-Methylnaphthalene
Concen: 59.497 ng
RT: 12.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:142 Resp: 1834221

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.5	107.3
115	34.3	27.8	41.8

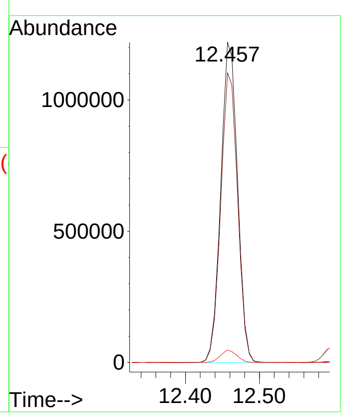




#38
1-Methylnaphthalene
Concen: 58.741 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

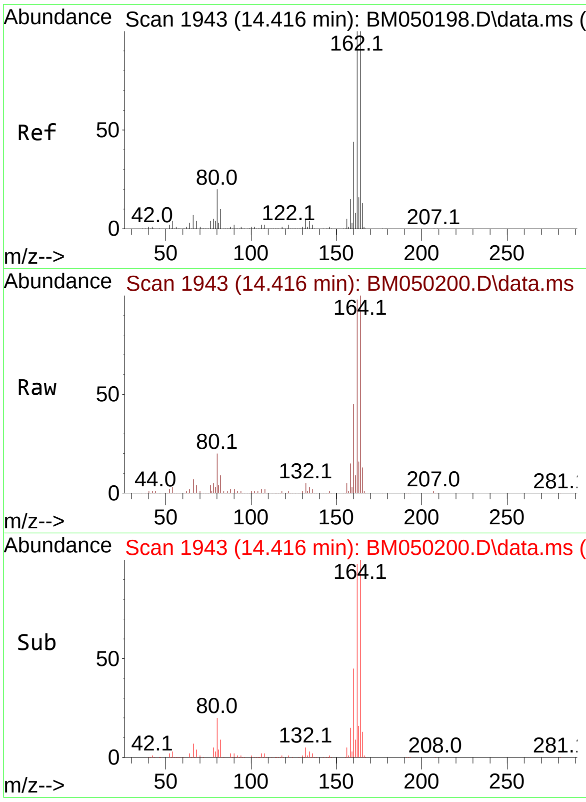
Tgt Ion:142 Resp: 1922042

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.9	109.3
116	3.9	3.0	4.6



ICAL Form

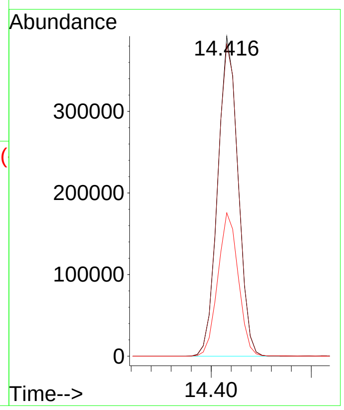
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

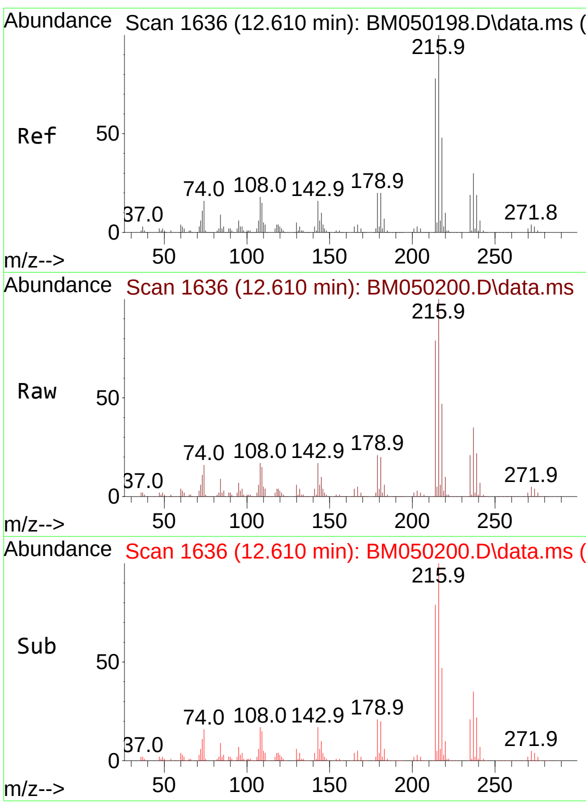


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 19
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:164 Resp: 551586

Ion	Ratio	Lower	Upper
164	100		
162	97.6	80.2	120.4
160	44.8	35.7	53.5

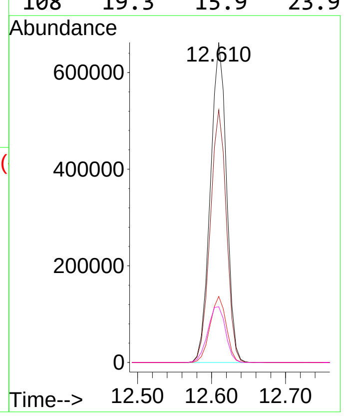




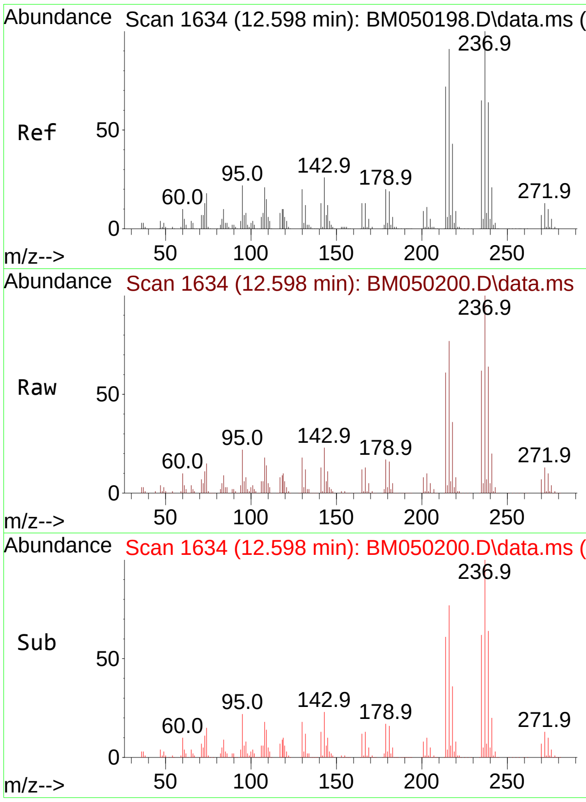
#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.035 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:216 Resp: 1003997

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	20.7	16.6	25.0
108	19.3	15.9	23.9



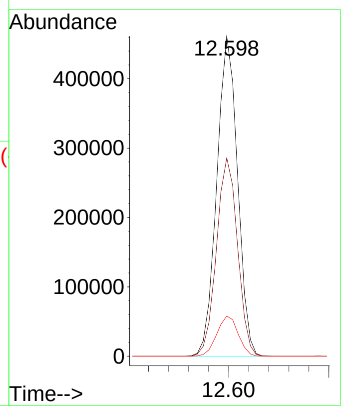
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

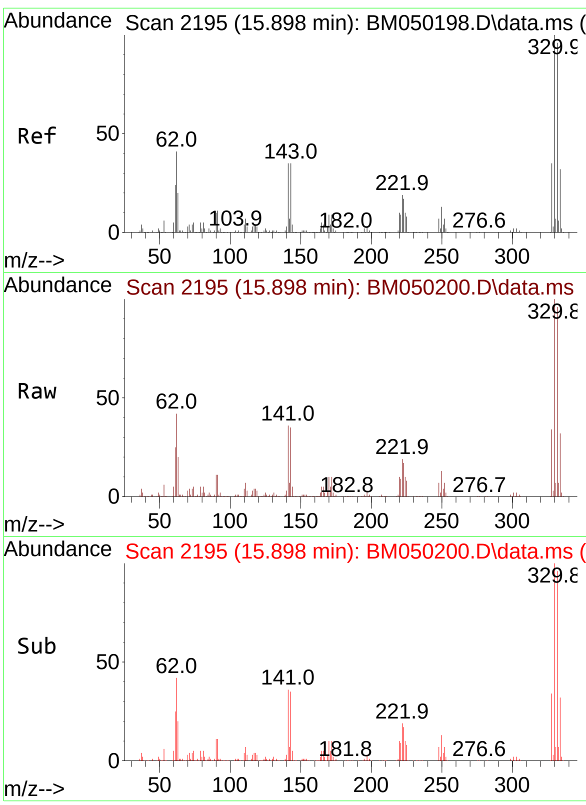


#41
Hexachlorocyclopentadiene
Concen: 68.632 ng
RT: 12.598 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:237 Resp: 663873

Ion	Ratio	Lower	Upper
237	100		
235	61.9	44.6	84.6
272	12.6	0.0	33.1

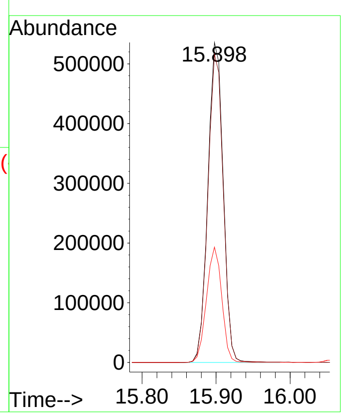




#42
2,4,6-Tribromophenol
Concen: 123.062 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

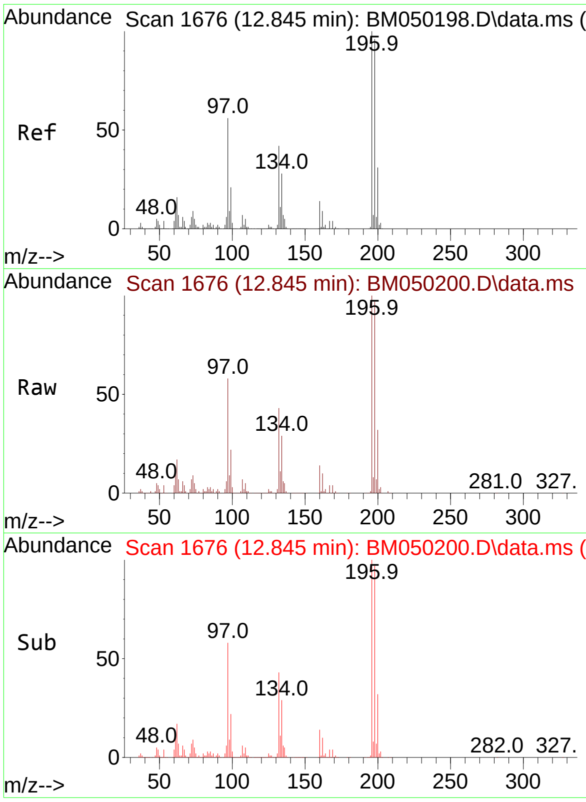
Tgt Ion:330 Resp: 772080

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	35.9	28.8	43.2

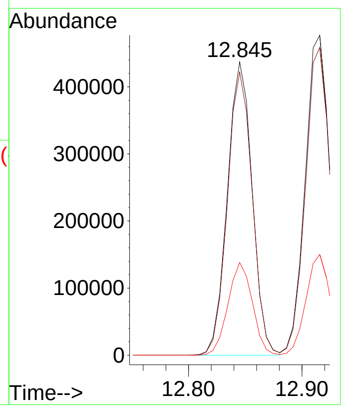


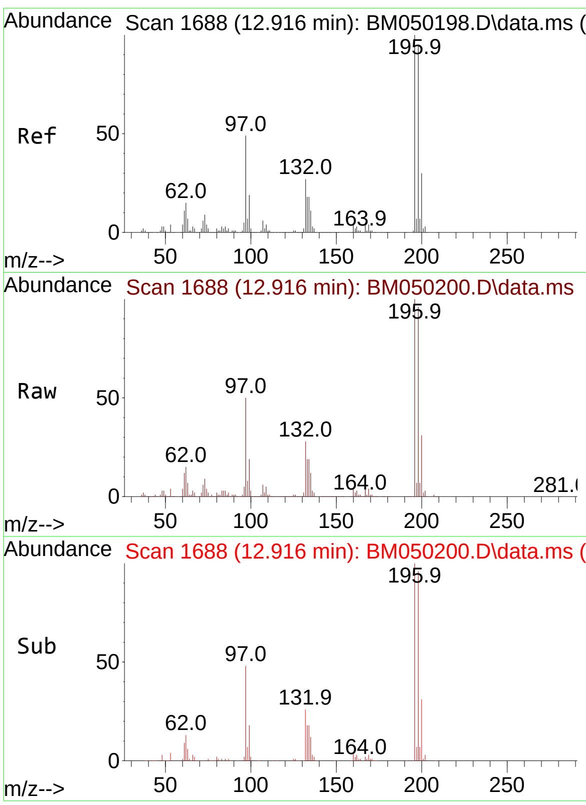
ICAL Form

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

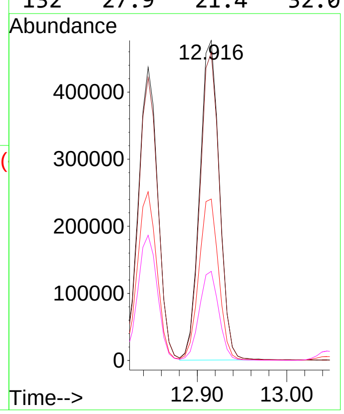



```
#43
2,4,6-Trichlorophenol
Concen:   63.528 ng
RT:  12.845 min  Scan# 1
Delta R.T.  -0.000 min
Lab File:   BM050200.D
Acq: 05 Jun 2025  13:16

Tgt Ion:196 Resp:  665409
Ion  Ratio  Lower  Upper
196  100
198   96.5   76.6  115.0
200   31.6   24.5   36.7
```

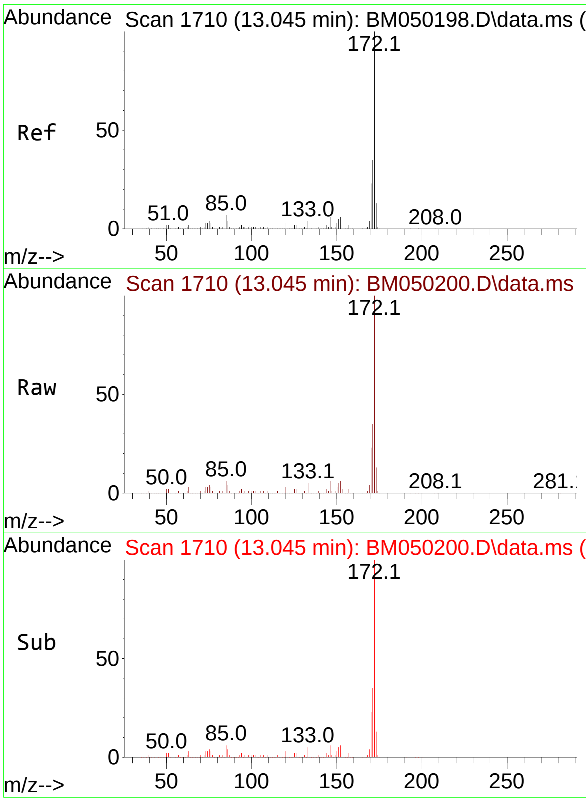





```
#44
2,4,5-Trichlorophenol
Concen:   63.531 ng
RT:  12.916 min  Scan# 1688
Delta R.T.  -0.000 min
Lab File:   BM050200.D
Acq: 05 Jun 2025  13:16

Tgt Ion:196 Resp:  730617
Ion  Ratio  Lower  Upper
196  100
198   96.2   76.1  114.1
 97   50.5   39.3   58.9
132   27.9   21.4   32.0
```



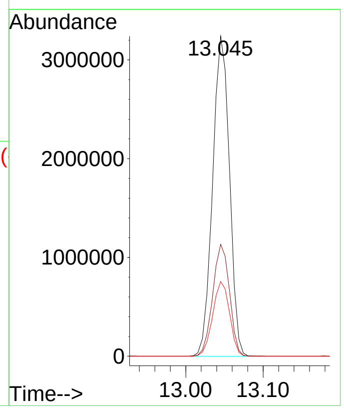
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

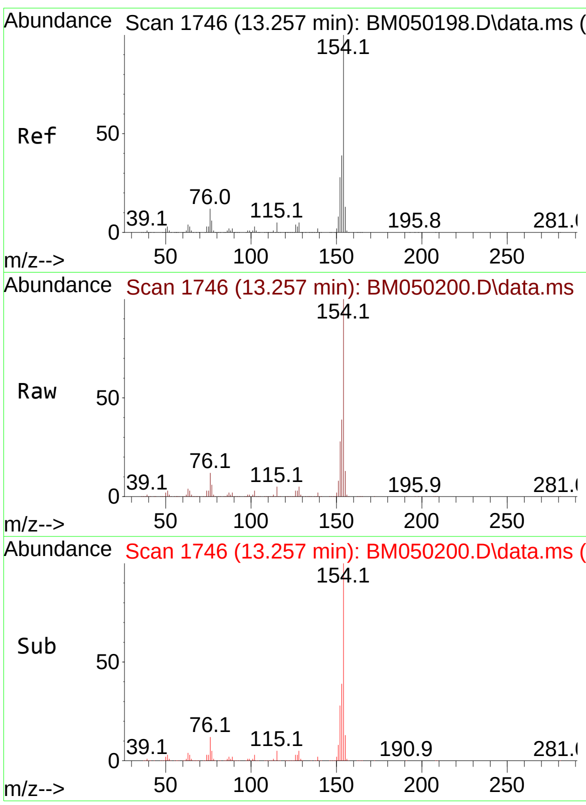


#45
2-Fluorobiphenyl
Concen: 120.225 ng
RT: 13.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:172 Resp: 4898196

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.4	18.6	27.8

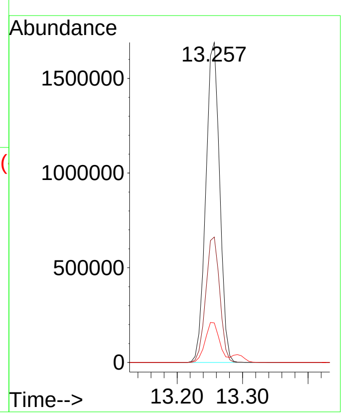




#46
1,1'-Biphenyl
Concen: 60.402 ng
RT: 13.257 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:154 Resp: 2494729

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.2	59.2
76	12.3	0.0	32.0



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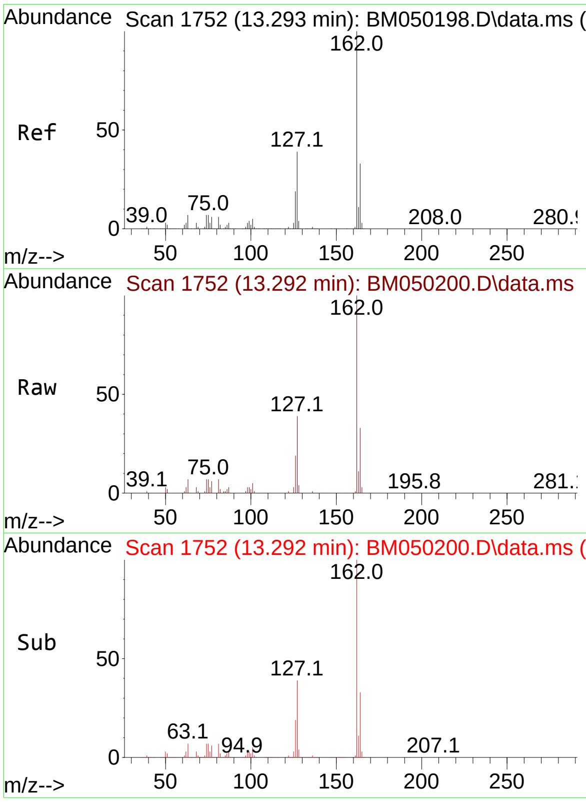
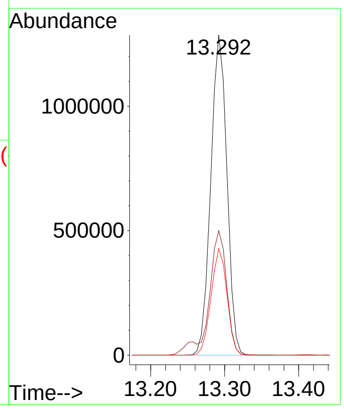


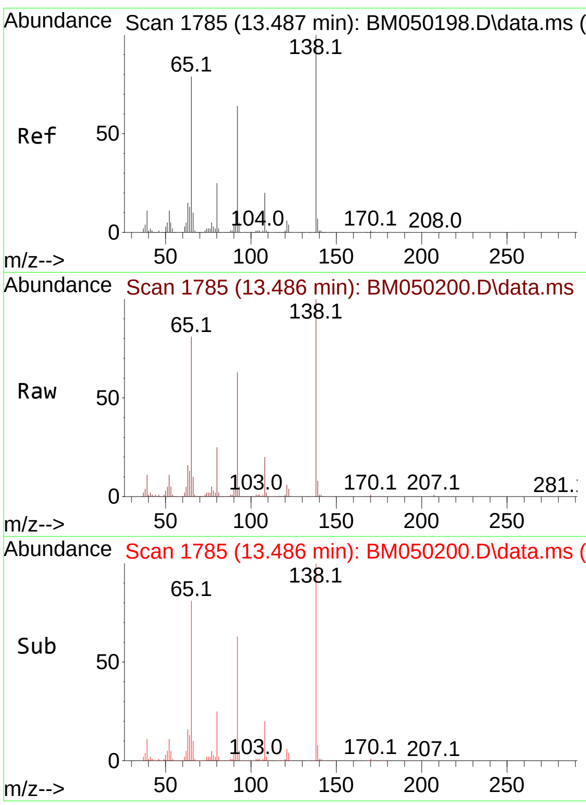
#47
2-Chloronaphthalene
Concen: 60.663 ng
RT: 13.292 min Scan# 1
Delta R.T.   -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1947861

Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.1	46.7
164	33.3	26.5	39.7

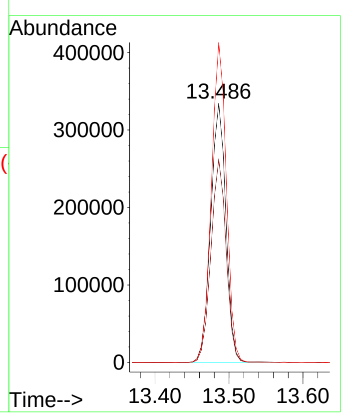




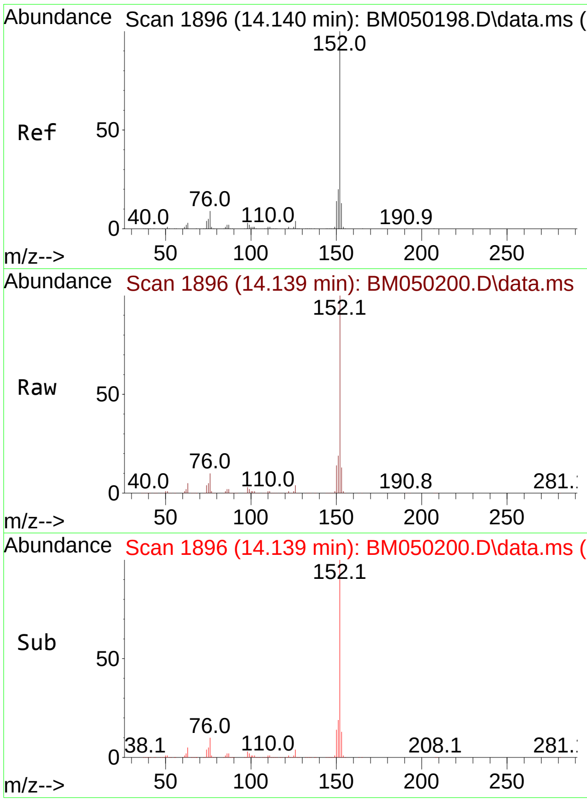
#48
2-Nitroaniline
Concen: 67.806 ng
RT: 13.486 min Scan# 1785
Delta R.T.   -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025   13:16

Tgt Ion: 65 Resp: 479127

Ion	Ratio	Lower	Upper
65	100		
92	78.3	64.2	96.4
138	123.5	101.0	151.4



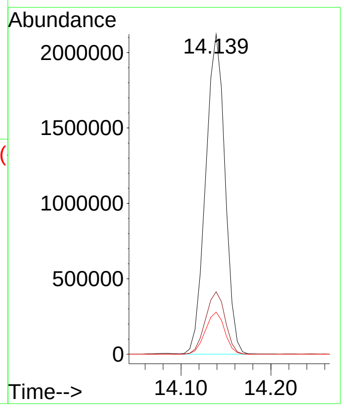
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

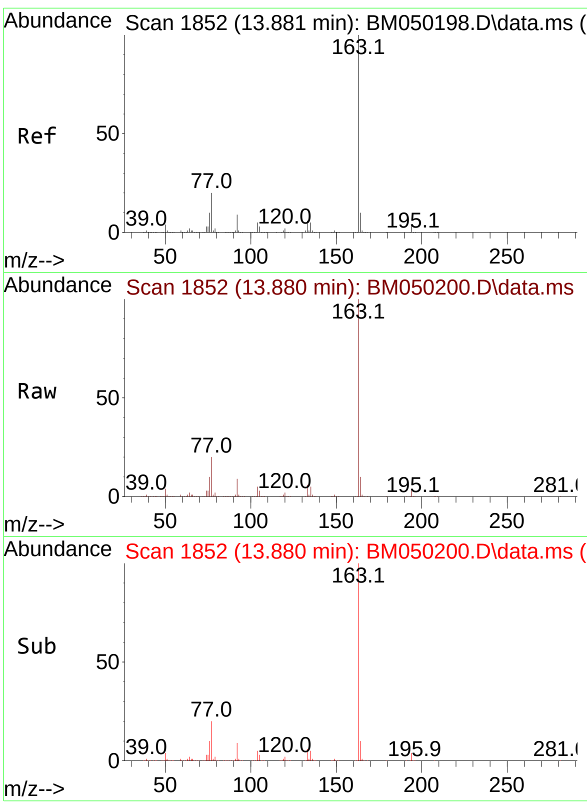


#49
Acenaphthylene
Concen: 61.302 ng
RT: 14.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:152 Resp: 3183780

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.2	10.4	15.6

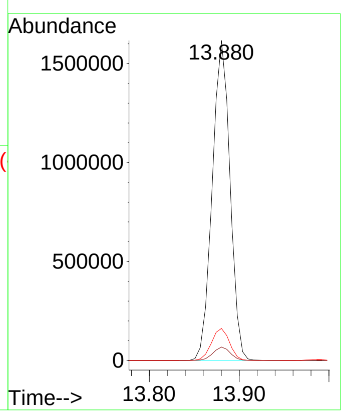




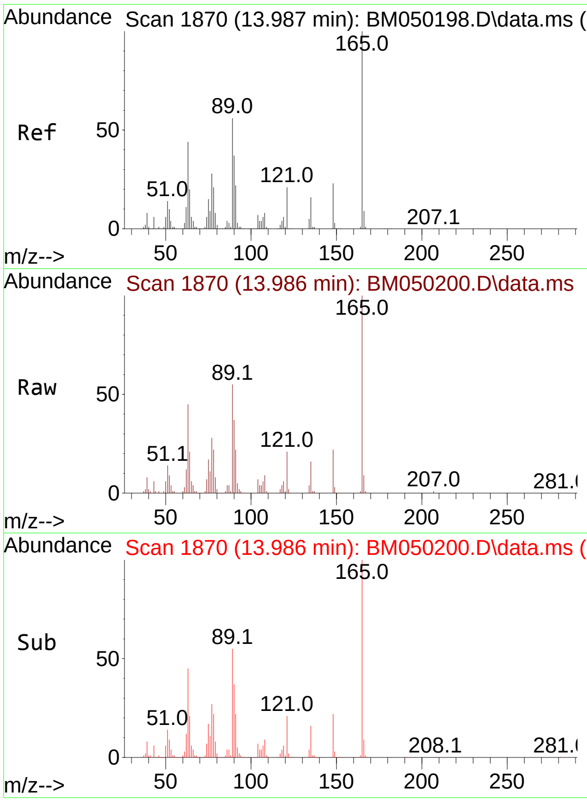
#50
Dimethylphthalate
Concen: 59.640 ng
RT: 13.880 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:163 Resp: 2224786

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.0	7.9	11.9



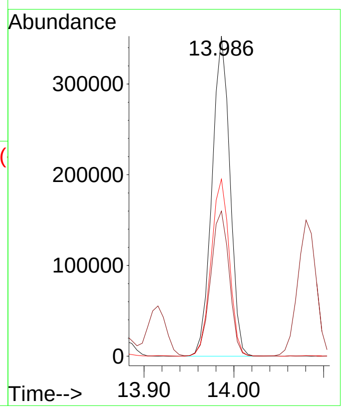
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

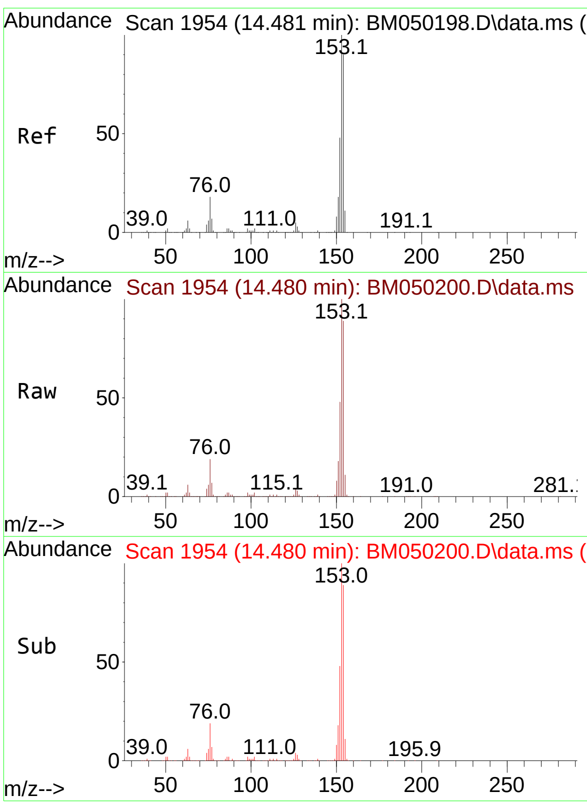


#51
2,6-Dinitrotoluene
Concen: 65.238 ng
RT: 13.986 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:165 Resp: 490781

Ion	Ratio	Lower	Upper
165	100		
63	45.3	35.8	53.6
89	55.3	44.8	67.2

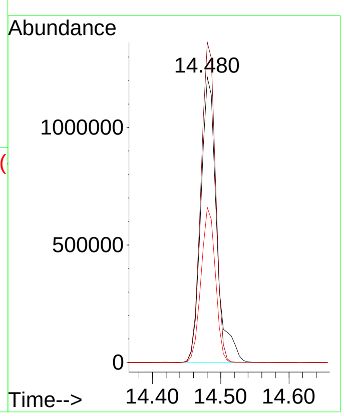




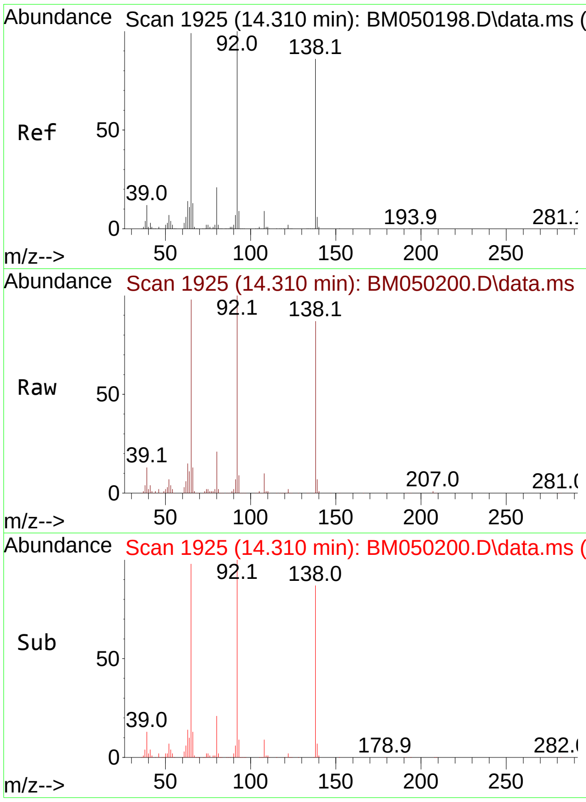
#52
Acenaphthene
Concen: 60.136 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:154 Resp: 1953486

Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.7	133.1
152	54.3	42.6	63.8



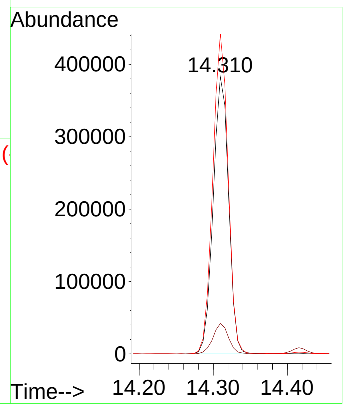
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

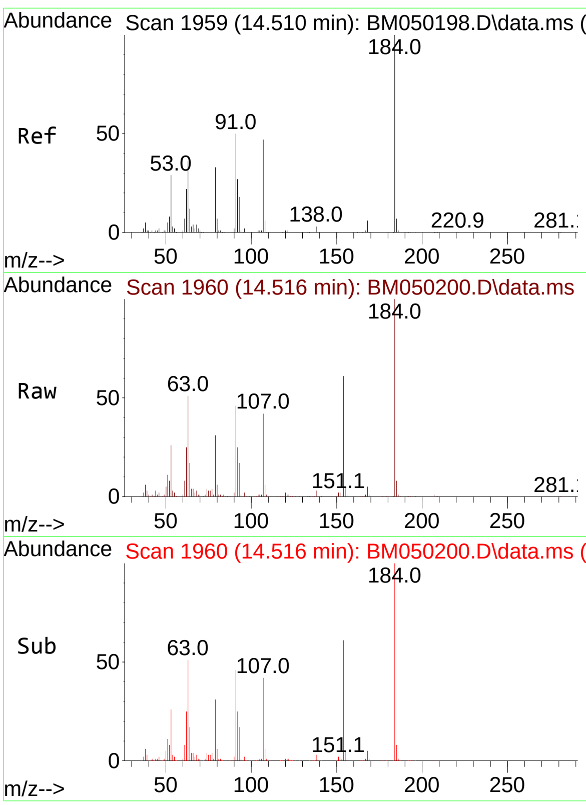


#53
3-Nitroaniline
Concen: 66.308 ng
RT: 14.310 min Scan# 19
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:138 Resp: 555944

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	115.5	92.9	139.3

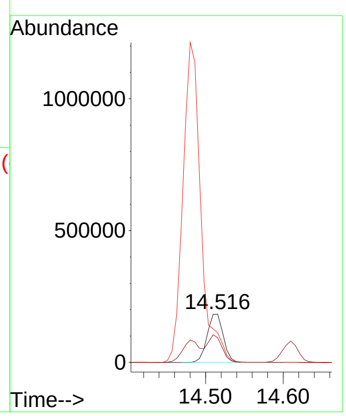




#54
2,4-Dinitrophenol
Concen: 58.459 ng
RT: 14.516 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:184 Resp: 265588

Ion	Ratio	Lower	Upper
184	100		
63	51.3	45.3	67.9
154	61.2	54.3	81.5



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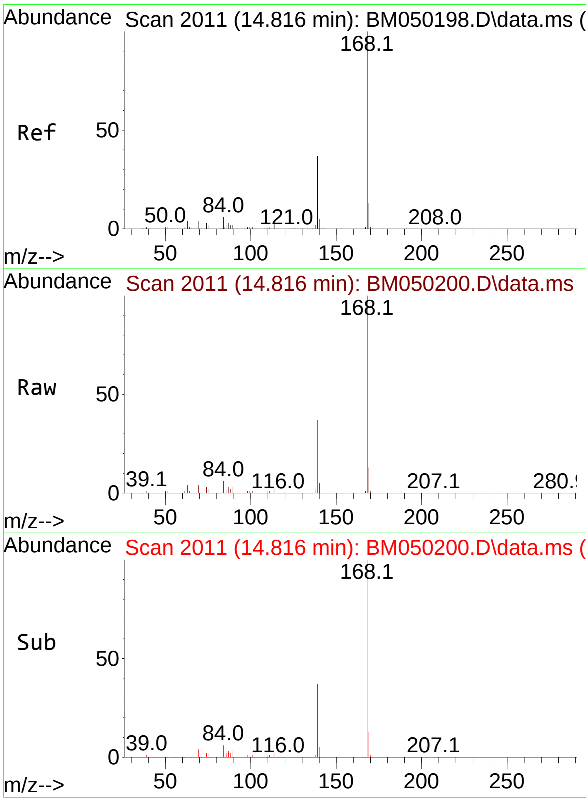
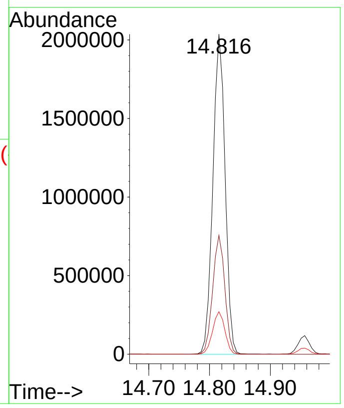
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

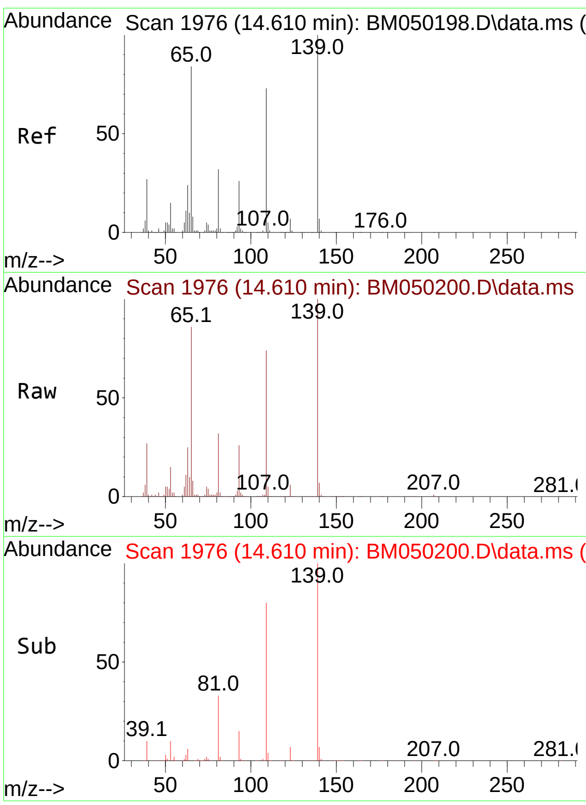


#55
Dibenzofuran
Concen: 59.857 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:168 Resp: 2844670

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.9	44.9
169	13.3	10.6	16.0

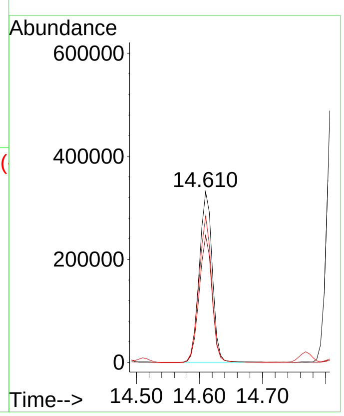




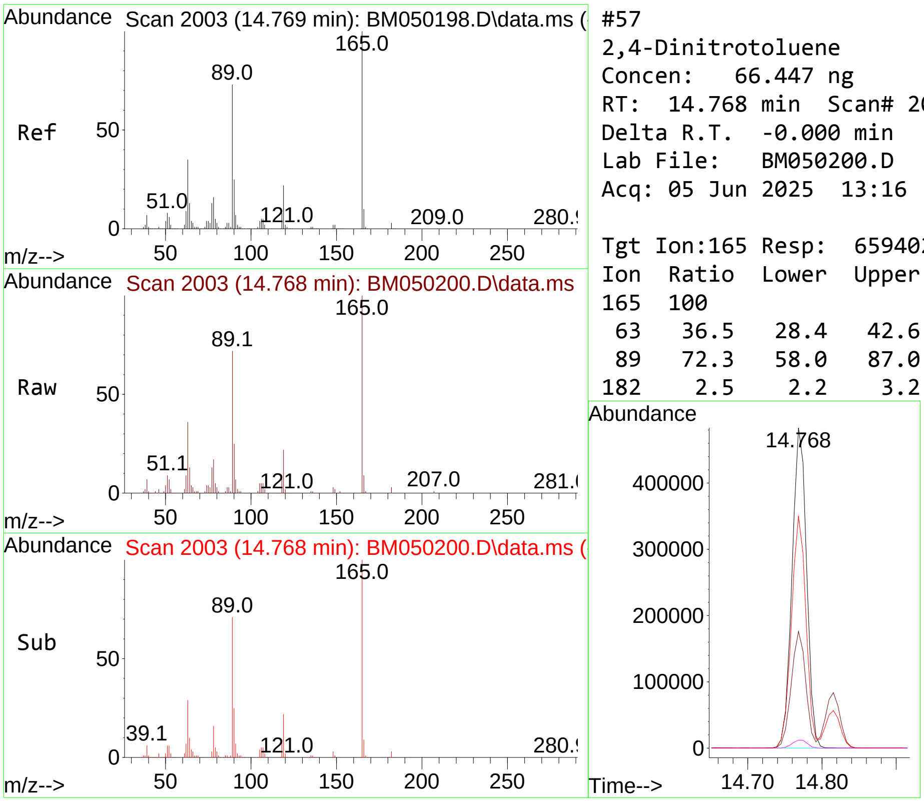
#56
4-Nitrophenol
Concen: 66.846 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:139 Resp: 477024

Ion	Ratio	Lower	Upper
139	100		
109	74.4	52.6	92.6
65	85.7	64.3	104.3



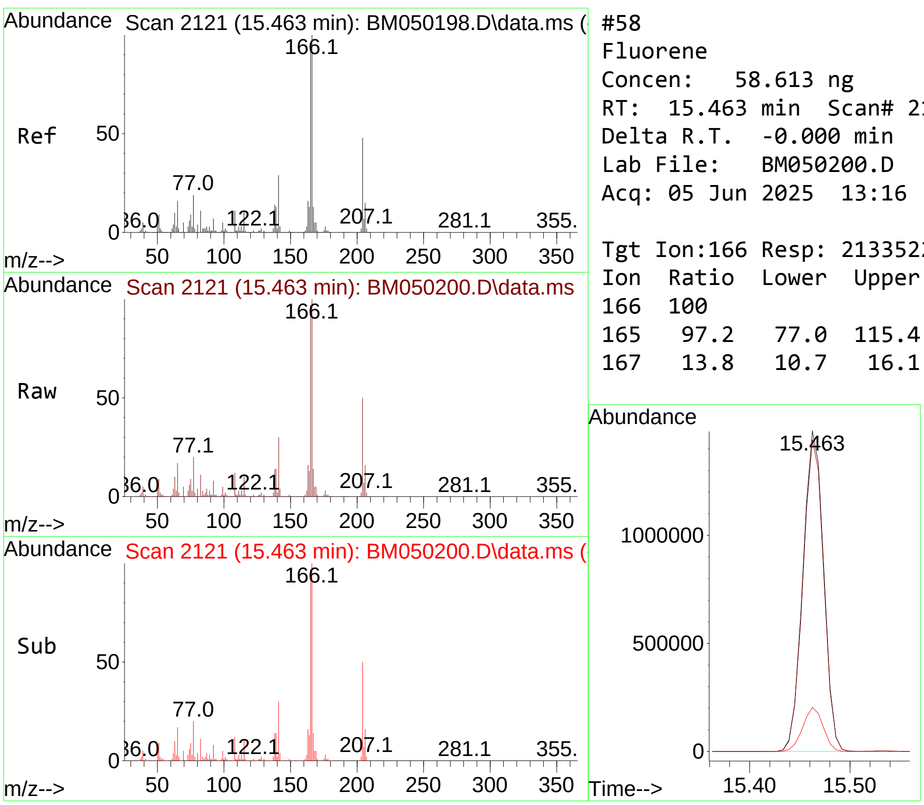
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



#57
2,4-Dinitrotoluene
Concen: 66.447 ng
RT: 14.768 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:165 Resp: 659402

Ion	Ratio	Lower	Upper
165	100		
63	36.5	28.4	42.6
89	72.3	58.0	87.0
182	2.5	2.2	3.2

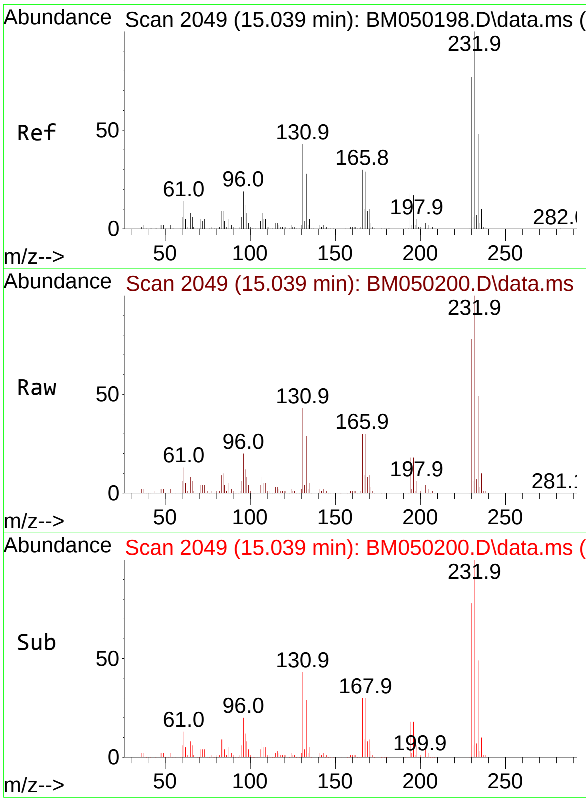


#58
Fluorene
Concen: 58.613 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:166 Resp: 2133522

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.0	115.4
167	13.8	10.7	16.1

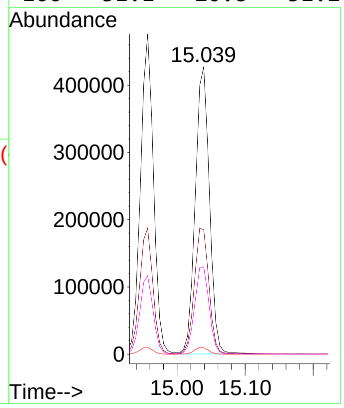
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

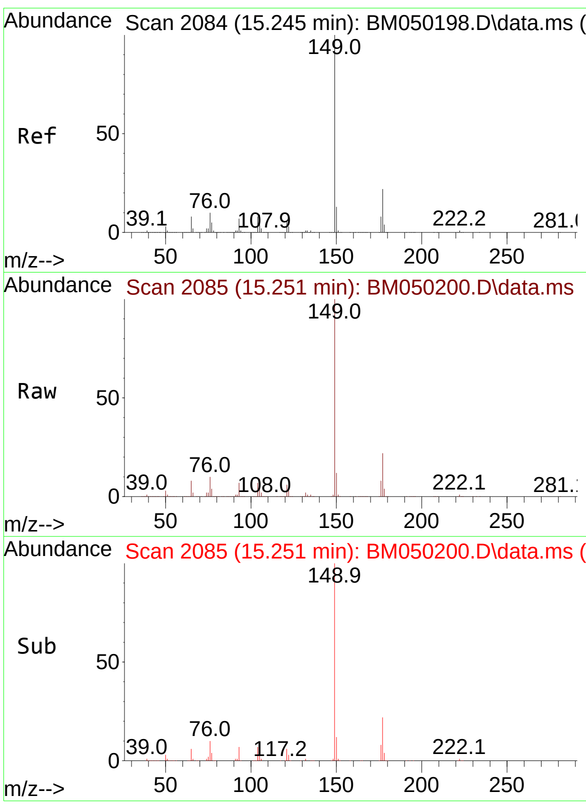


#59
2,3,4,6-Tetrachlorophenol
Concen: 61.752 ng
RT: 15.039 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:232 Resp: 614431

Ion	Ratio	Lower	Upper
232	100		
131	45.0	32.9	49.3
130	2.4	1.8	2.8
166	31.1	20.8	31.2

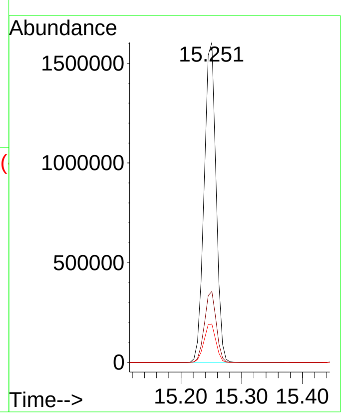




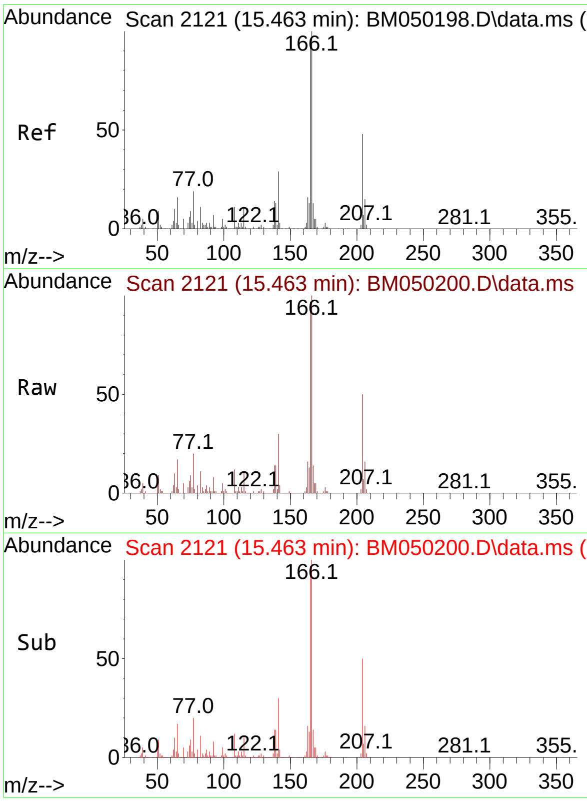
#60
Diethylphthalate
Concen: 58.899 ng
RT: 15.251 min Scan# 2085
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:149 Resp: 2180022

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.2	25.8
150	12.0	10.0	15.0



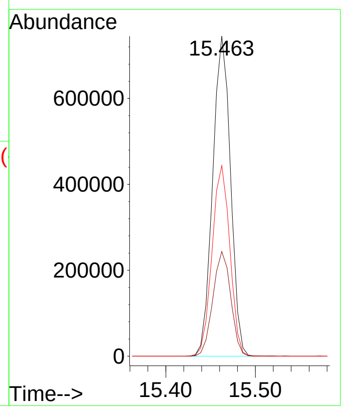
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

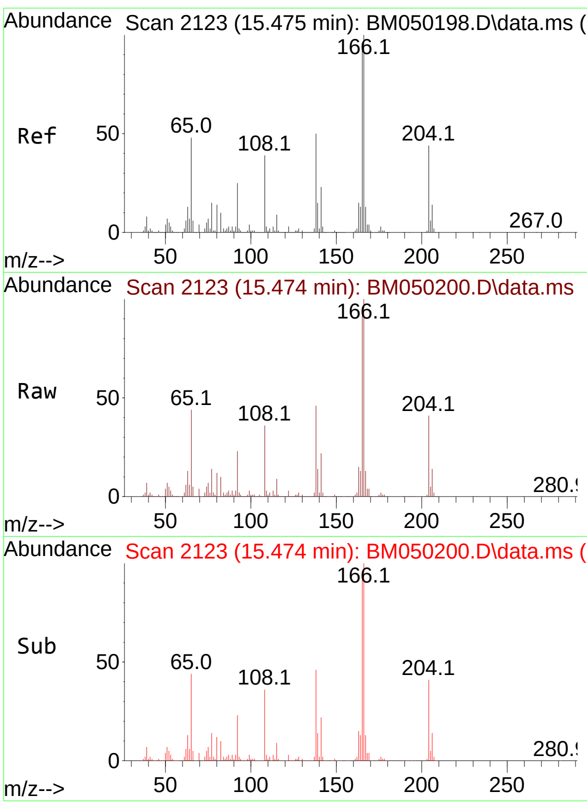


#61
4-Chlorophenyl-phenylether
Concen: 58.610 ng
RT: 15.463 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:204 Resp: 1031087

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.4	38.0
141	59.6	47.9	71.9

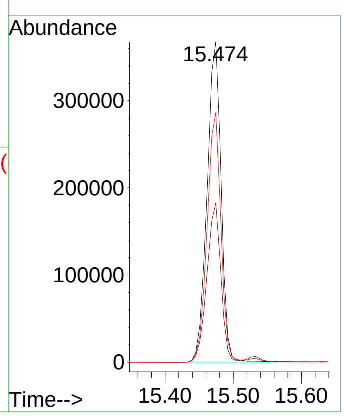




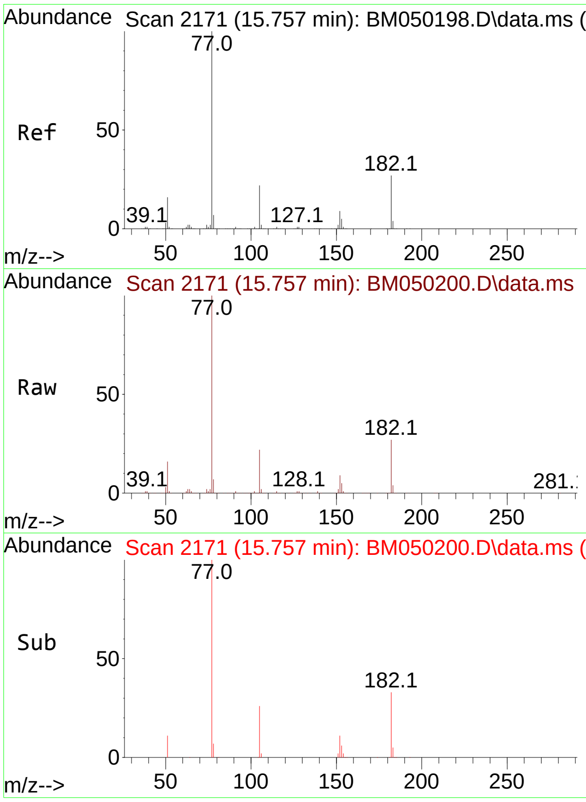
#62
4-Nitroaniline
Concen: 67.214 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:138 Resp: 528186

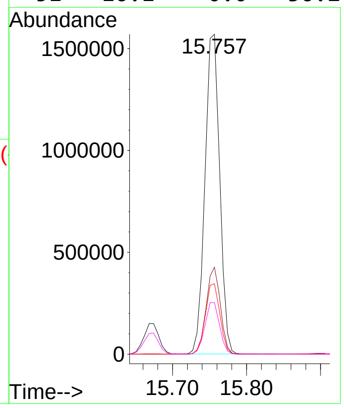
Ion	Ratio	Lower	Upper
138	100		
92	49.7	28.8	68.8
108	77.9	58.1	98.1

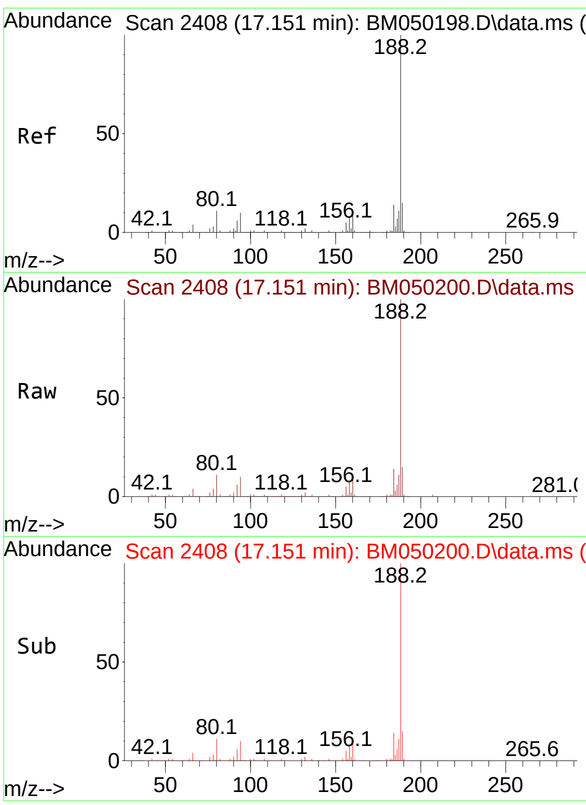


Instrument :
BNA_M
ClientSampleId :
SSTDICC060

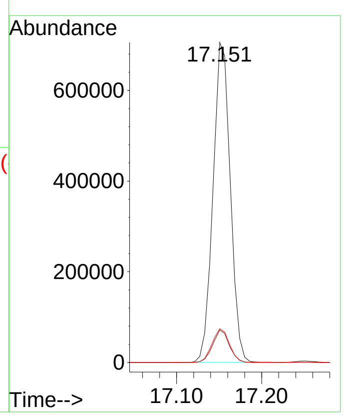



```
#63
Azobenzene
Concen:   58.871 ng
RT:  15.757 min  Scan# 2
Delta R.T.  -0.000 min
Lab File:   BM050200.D
Acq: 05 Jun 2025  13:16

Tgt Ion: 77 Resp: 2177933
Ion  Ratio  Lower  Upper
 77  100
182   27.2    6.8   46.8
105   22.0    1.7   41.7
 51   16.1    0.0   36.2
```

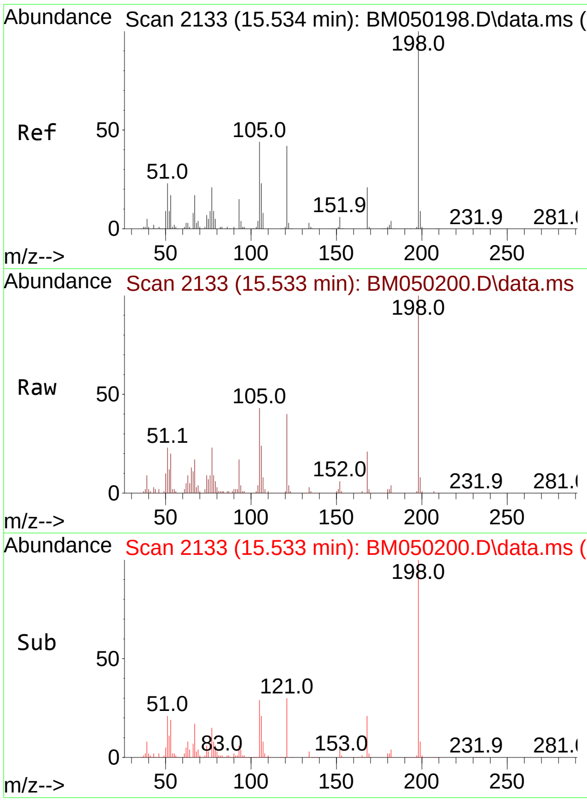





```
#64
Phenanthrene-d10
Concen:   20.000 ng
RT:  17.151 min  Scan# 2408
Delta R.T.  -0.000 min
Lab File:   BM050200.D
Acq: 05 Jun 2025  13:16

Tgt Ion:188 Resp:   997337
Ion  Ratio  Lower  Upper
188  100
 94   10.2    8.1   12.1
 80   10.6    8.6   13.0
```



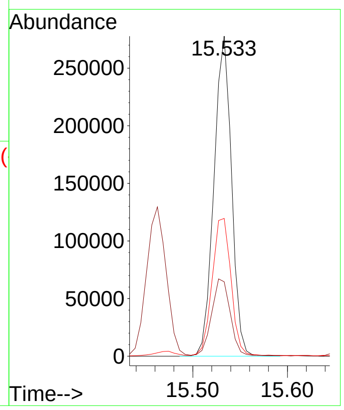
Instrument : BNA_M
ClientSampleId : SSTDICC060

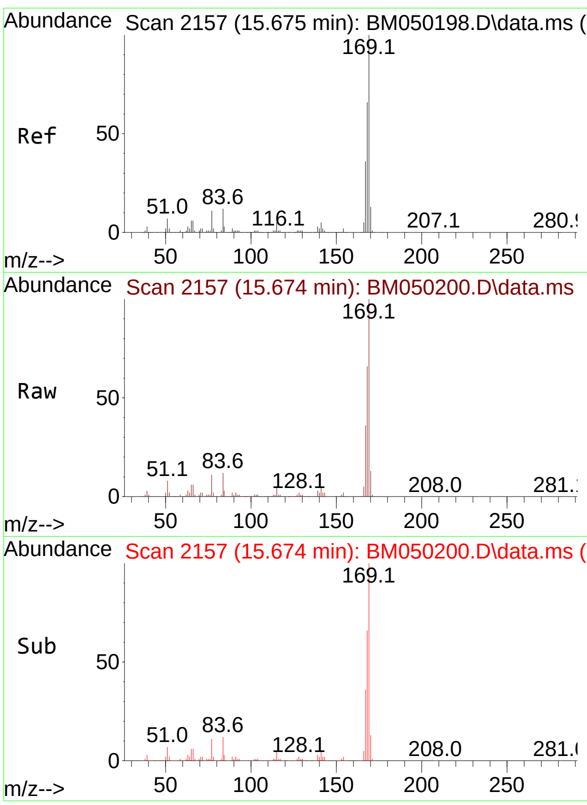


#65
4,6-Dinitro-2-methylphenol
Concen: 66.052 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:198 Resp: 359804

Ion	Ratio	Lower	Upper
198	100		
51	23.3	4.5	44.5
105	43.0	24.9	64.9

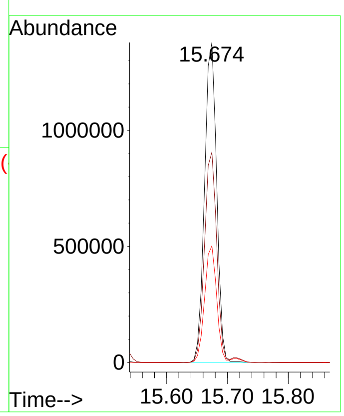




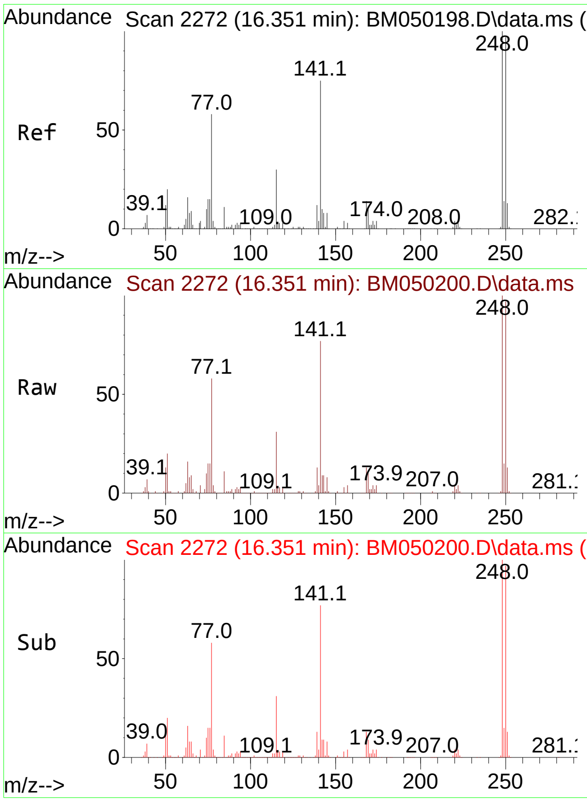
#66
n-Nitrosodiphenylamine
Concen: 61.011 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:169 Resp: 1911910

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.1	79.7
167	36.4	29.0	43.6



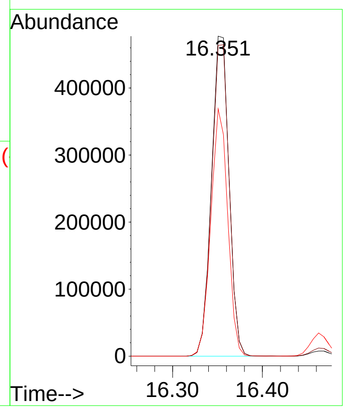
Instrument : BNA_M
ClientSampleId : SSTDICC060

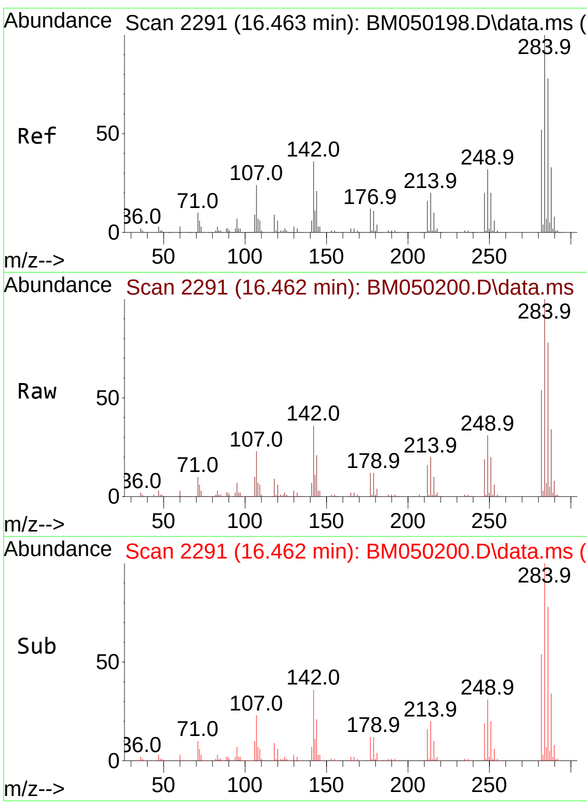


#67
4-Bromophenyl-phenylether
Concen: 61.046 ng
RT: 16.351 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:248 Resp: 649254

Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.0	117.0
141	77.3	60.1	90.1

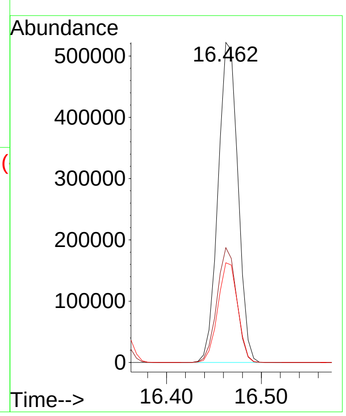




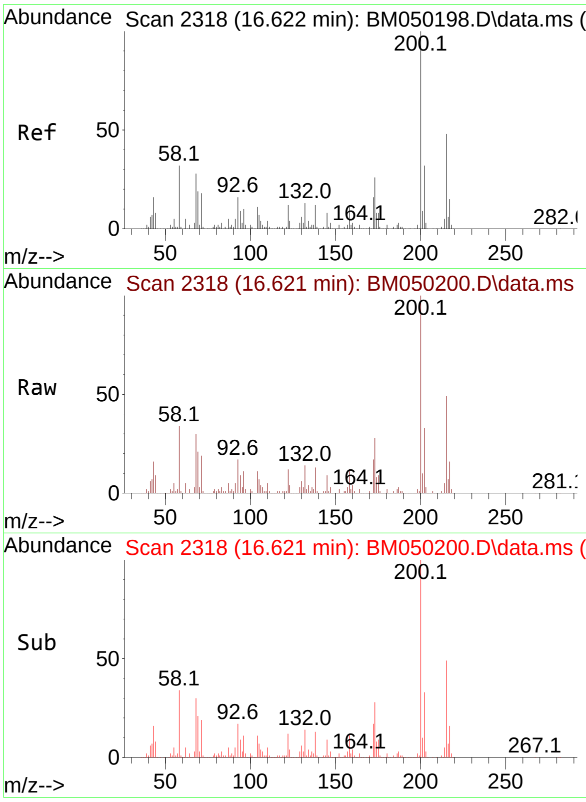
#68
Hexachlorobenzene
Concen: 61.287 ng
RT: 16.462 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:284 Resp: 761552

Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.8	43.2
249	31.1	25.8	38.6



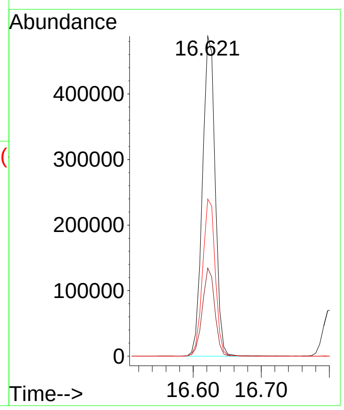
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

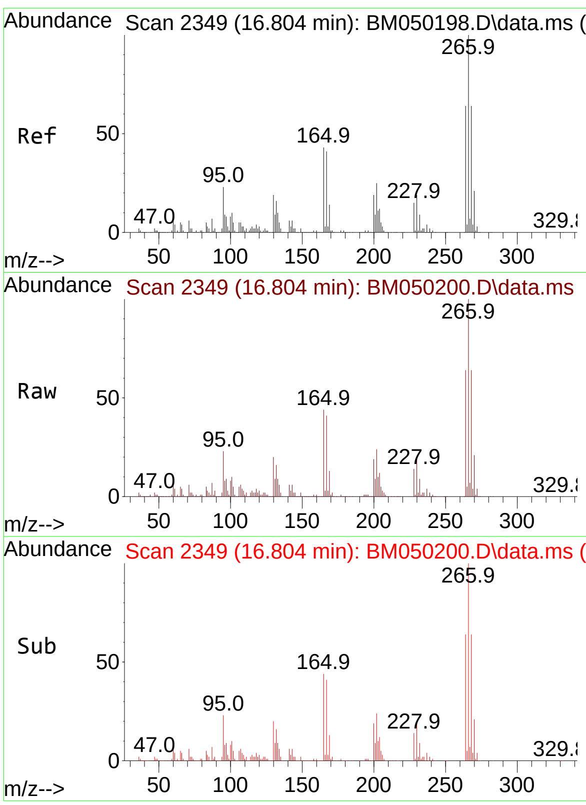


#69
Atrazine
Concen: 63.570 ng
RT: 16.621 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:200 Resp: 634737

Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.0	46.0
215	49.1	28.1	68.1

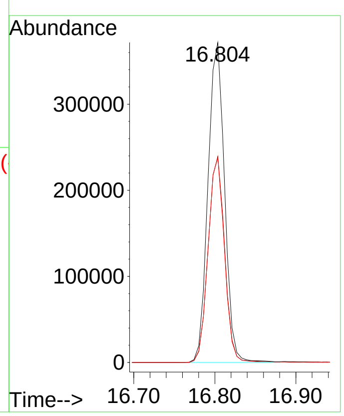




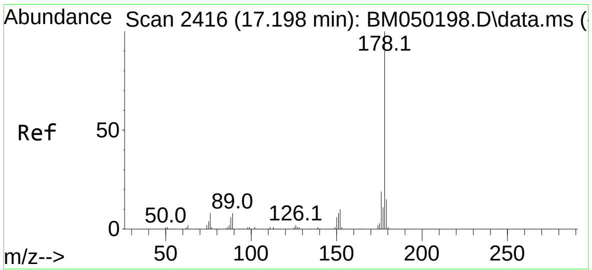
#70
Pentachlorophenol
Concen: 65.368 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

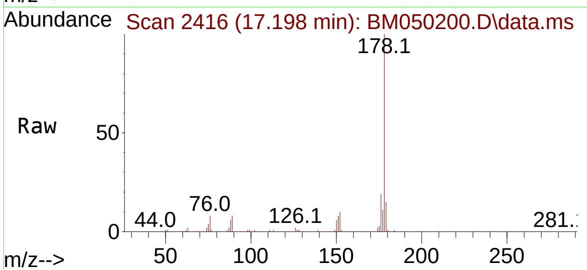
Tgt Ion:266 Resp: 528095

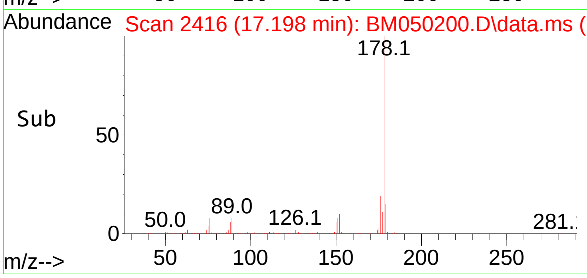
Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.0	76.6
264	64.0	50.8	76.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC060



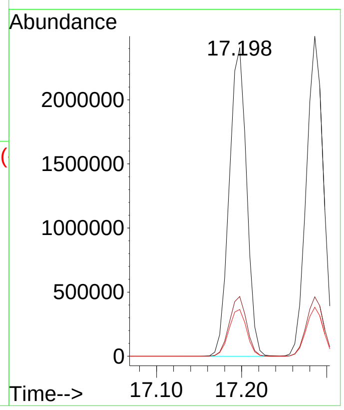


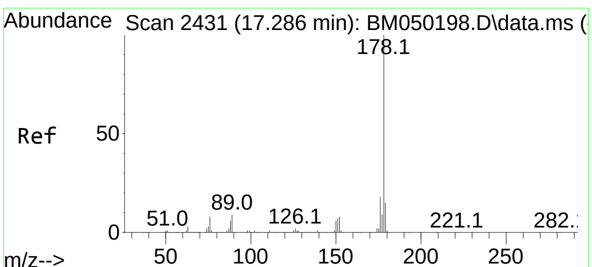


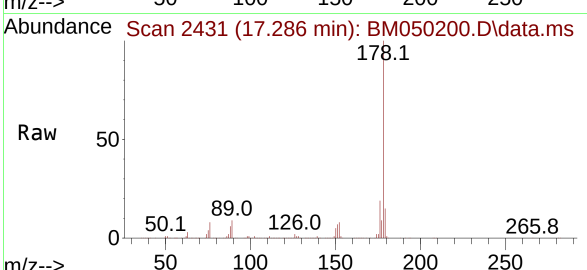
#71
Phenanthrene
Concen: 60.051 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

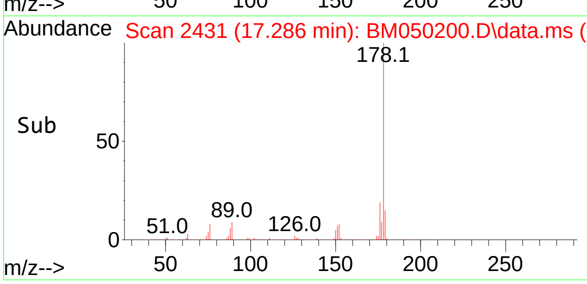
Tgt Ion:178 Resp: 3421380

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.2	12.3	18.5





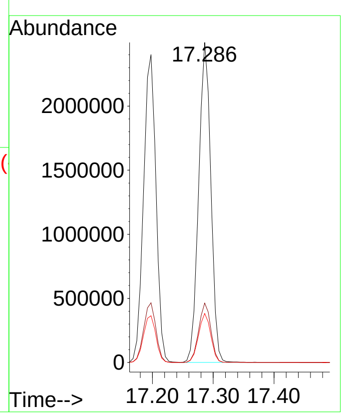




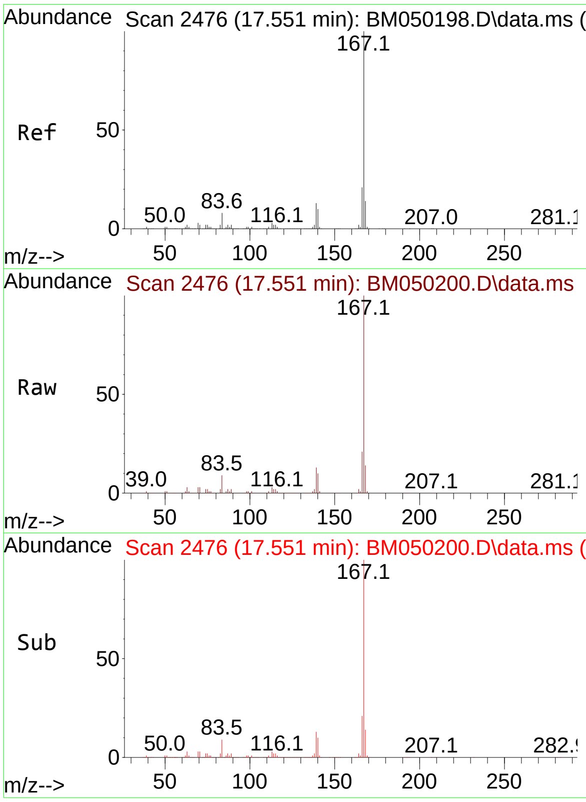
#72
Anthracene
Concen: 61.148 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:178 Resp: 3485282

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.3	12.3	18.5



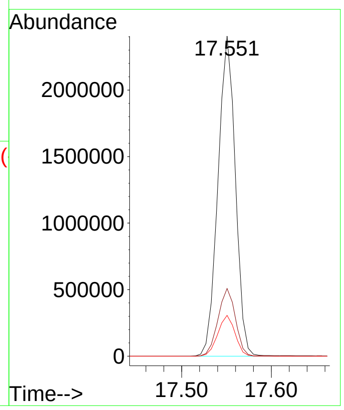
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

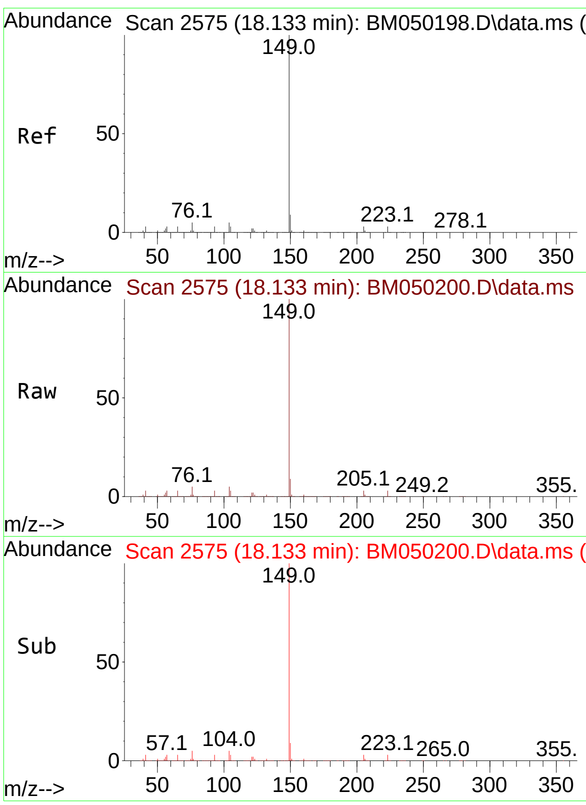


#73
Carbazole
Concen: 62.528 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:167 Resp: 3246806

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.8	10.2	15.4

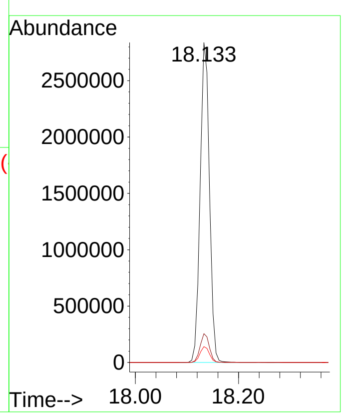




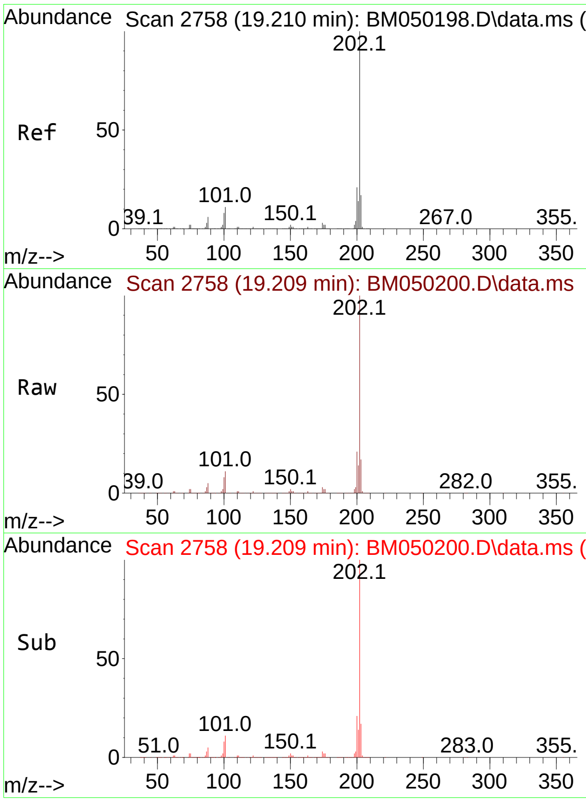
#74
Di-n-butylphthalate
Concen: 62.851 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:149 Resp: 3550989

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.0	4.0	6.0



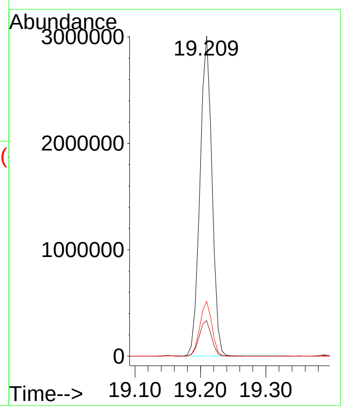
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

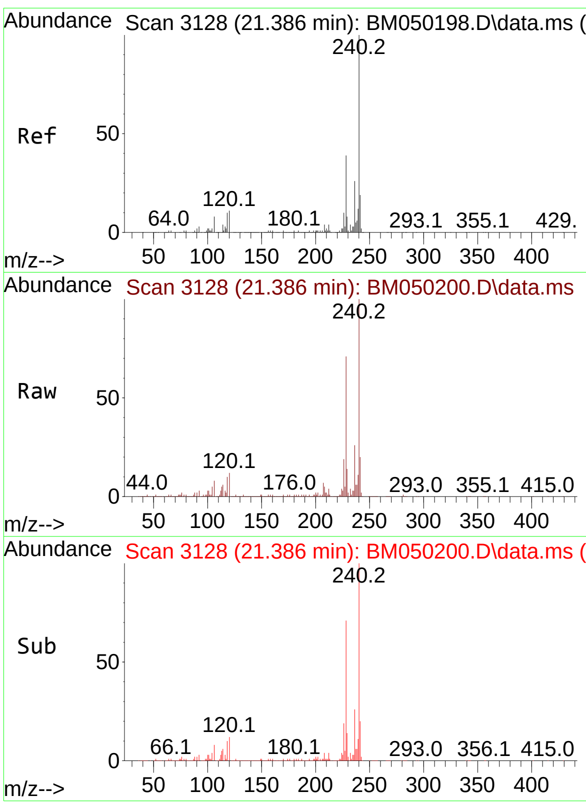


#75
Fluoranthene
Concen: 63.934 ng
RT: 19.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:202 Resp: 3841414

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.1
203	17.1	0.0	37.0

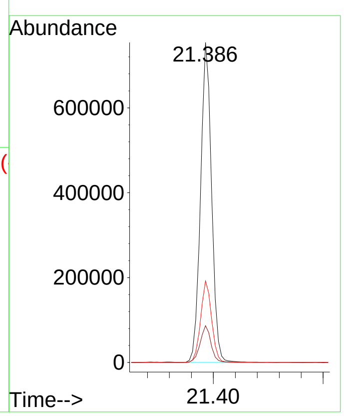




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:240 Resp: 1056136

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.4
236	25.5	20.7	31.1



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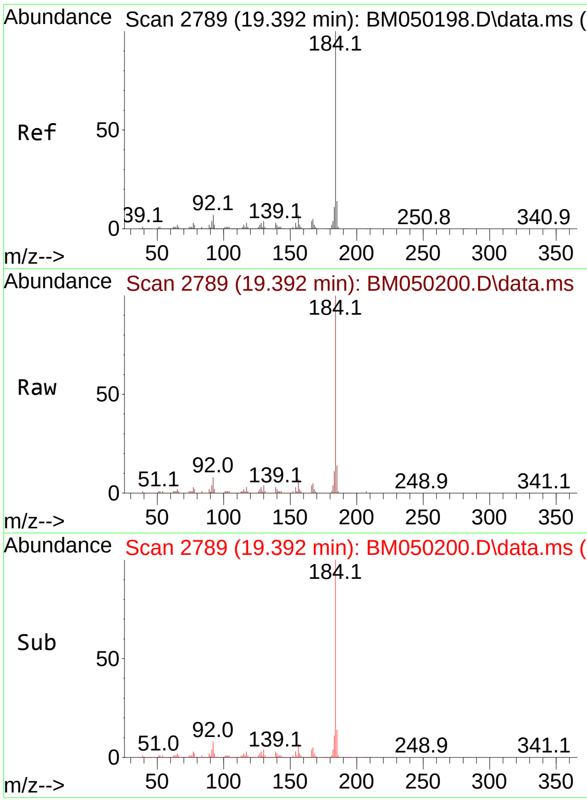
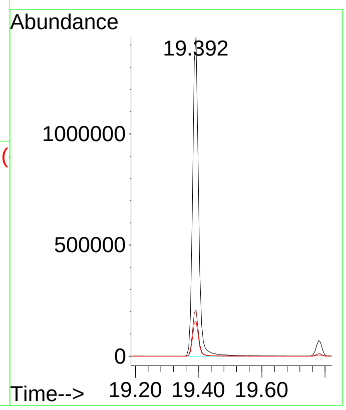
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

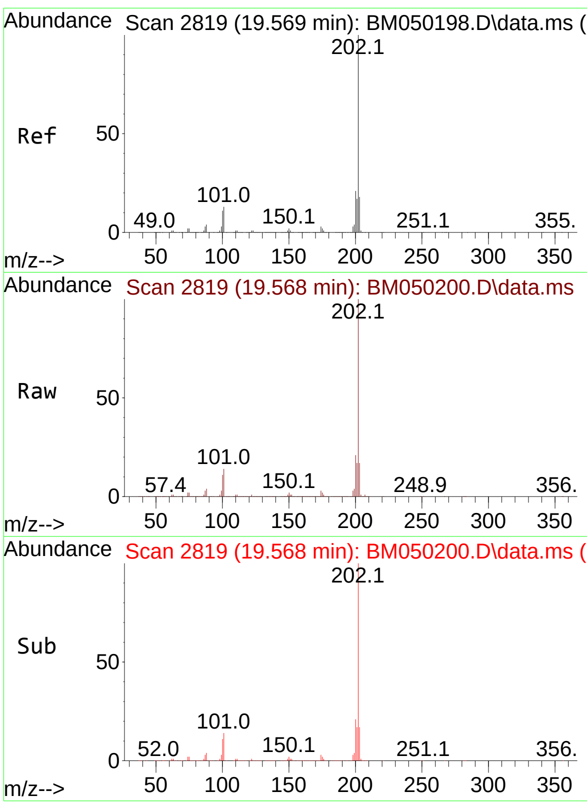


#77
Benzidine
Concen: 64.043 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:184 Resp: 1902050

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.5	17.3
183	11.1	9.0	13.4

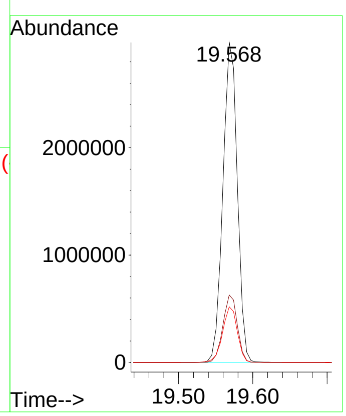




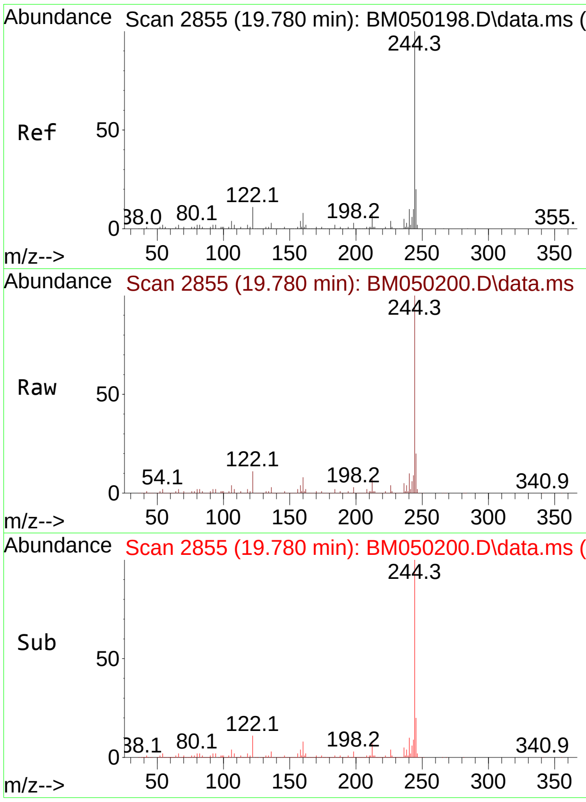
#78
Pyrene
Concen: 56.687 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:202 Resp: 4035214

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.4	14.1	21.1



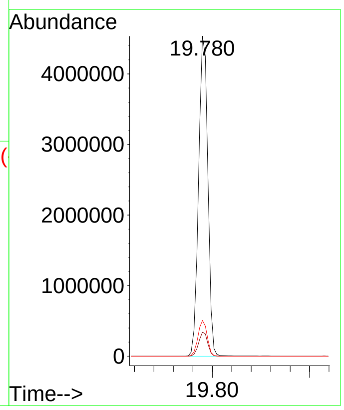
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

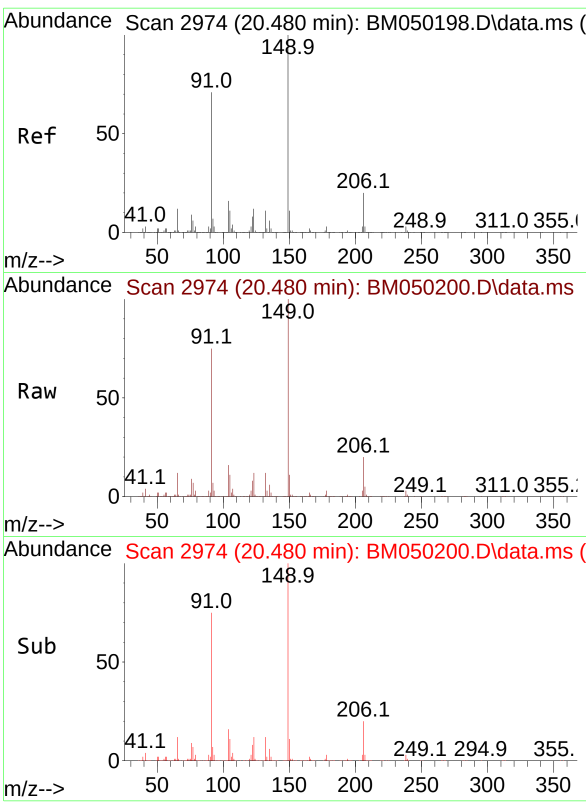


#79
Terphenyl-d14
Concen: 108.610 ng
RT: 19.780 min Scan# 28
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:244 Resp: 6053045

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.1	8.6	12.8

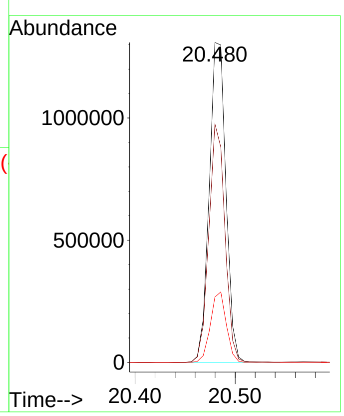




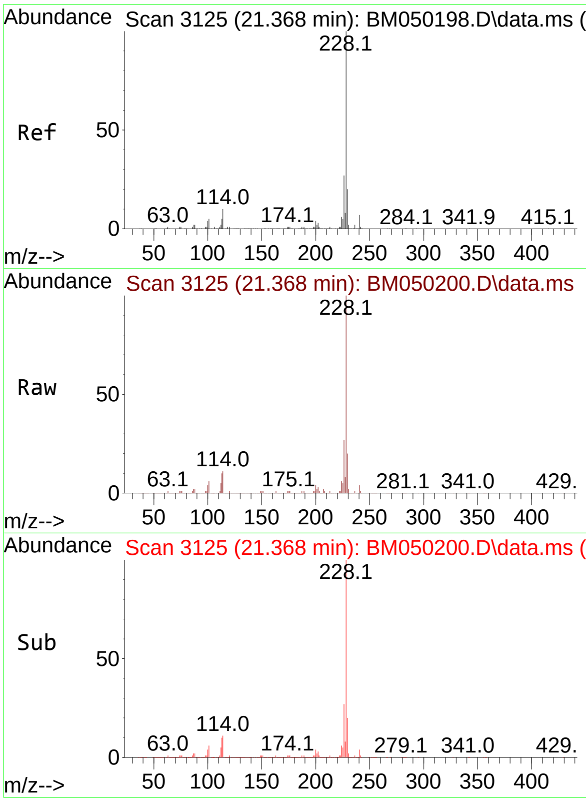
#80
Butylbenzylphthalate
Concen: 64.115 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:149 Resp: 1522384

Ion	Ratio	Lower	Upper
149	100		
91	74.6	56.9	85.3
206	20.5	16.1	24.1



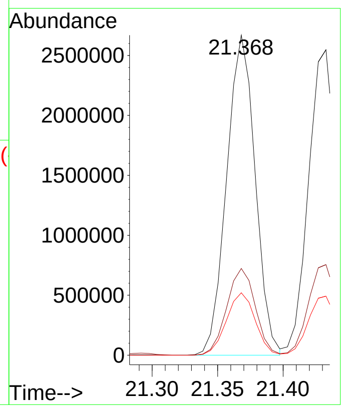
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

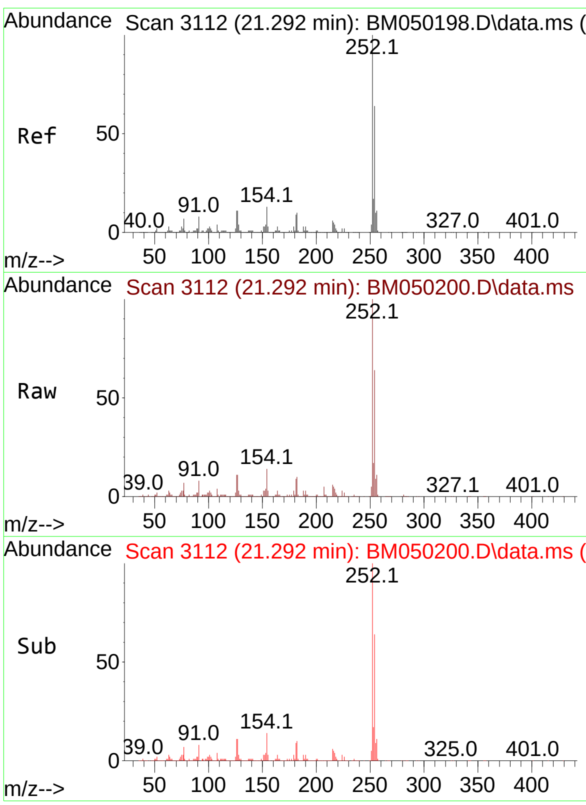


#81
Benzo(a)anthracene
Concen: 60.666 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:228 Resp: 4055461

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.5	15.7	23.5

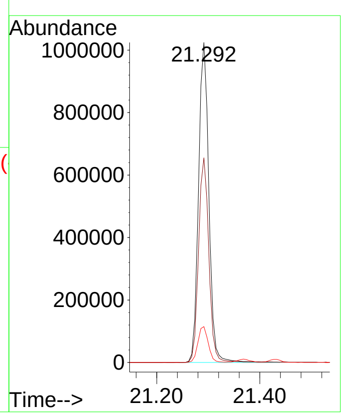




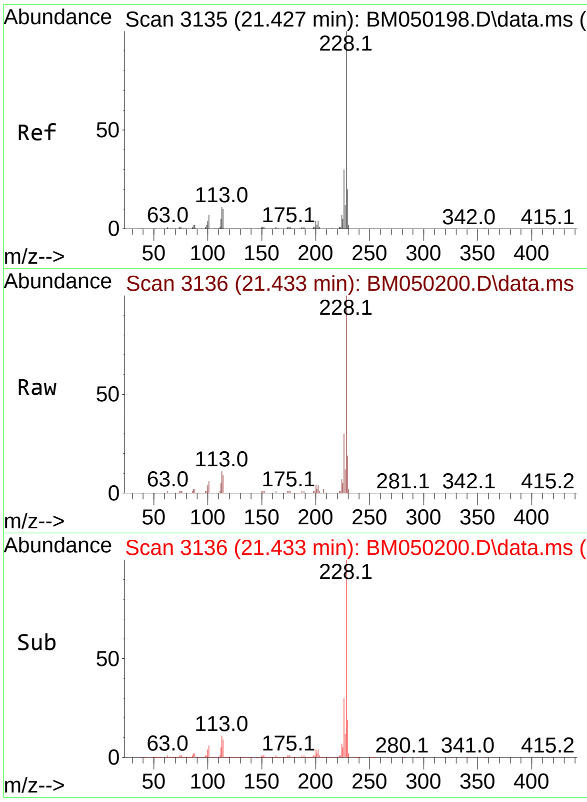
#82
3,3'-Dichlorobenzidine
Concen: 69.874 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:252 Resp: 1424421

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.4	77.0
126	11.2	8.6	12.8



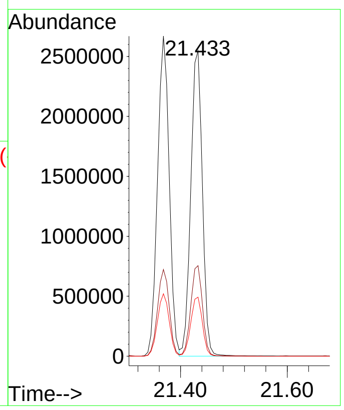
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

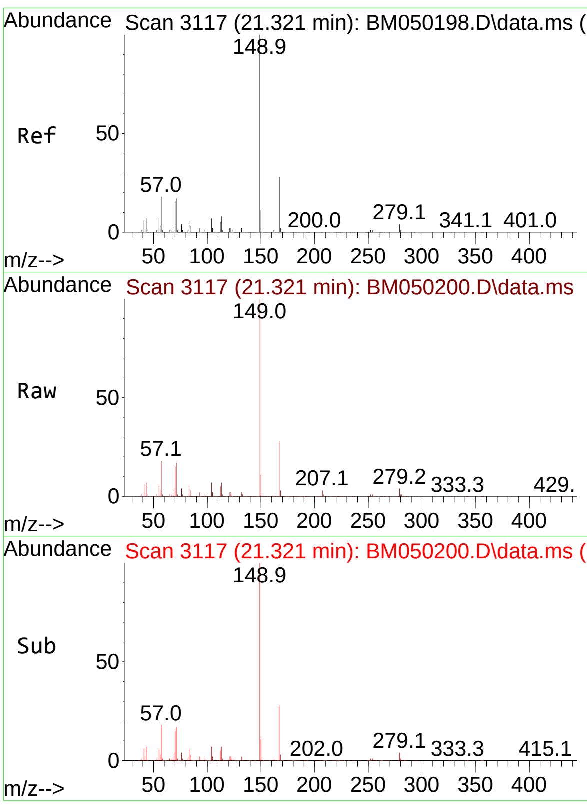


#83
Chrysene
Concen: 60.623 ng
RT: 21.433 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:228 Resp: 3854906

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	19.3	15.8	23.8

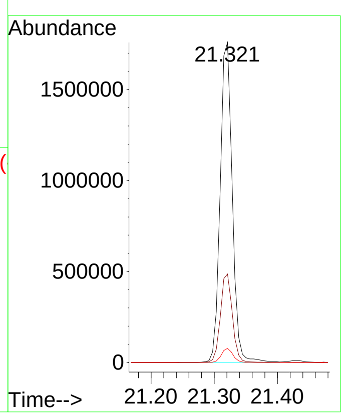




#84
Bis(2-ethylhexyl)phthalate
Concen: 64.231 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:149 Resp: 2349225

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.3	33.5
279	4.4	3.5	5.3



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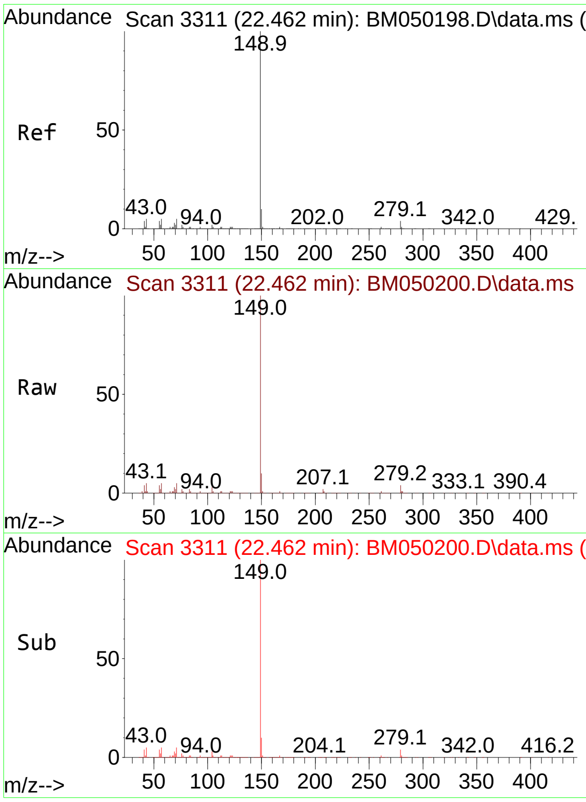
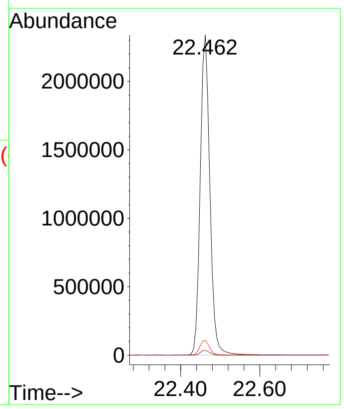
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

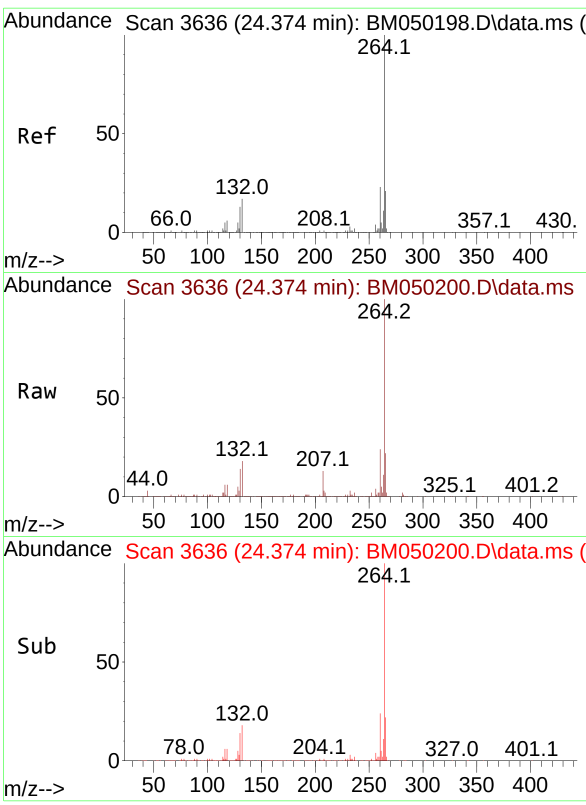


#85
Di-n-octyl phthalate
Concen: 72.708 ng
RT: 22.462 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:149 Resp: 3946065

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	4.8	3.8	5.8

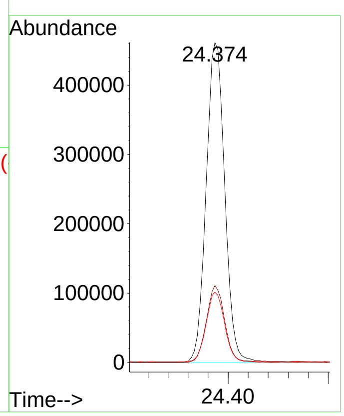




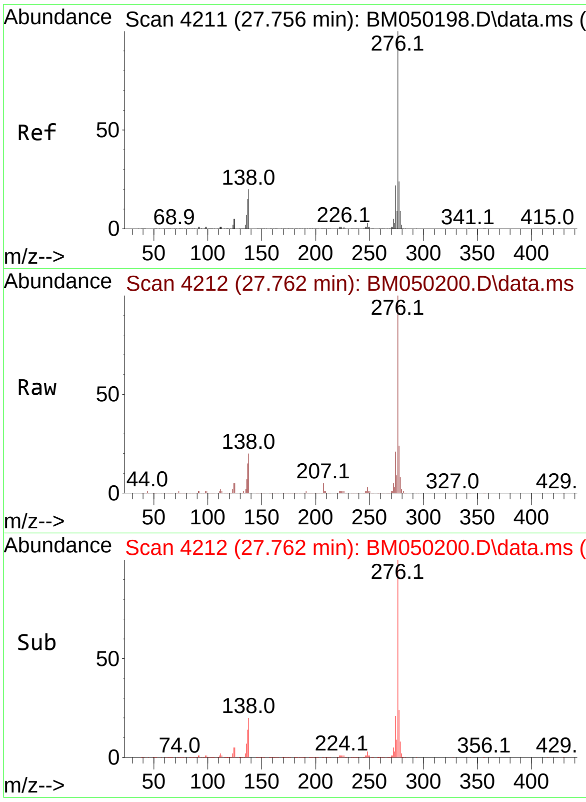
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:264 Resp: 1194662

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	22.1	16.8	25.2



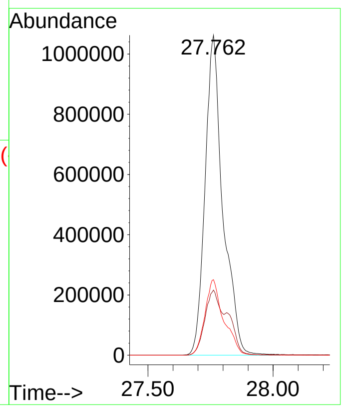
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

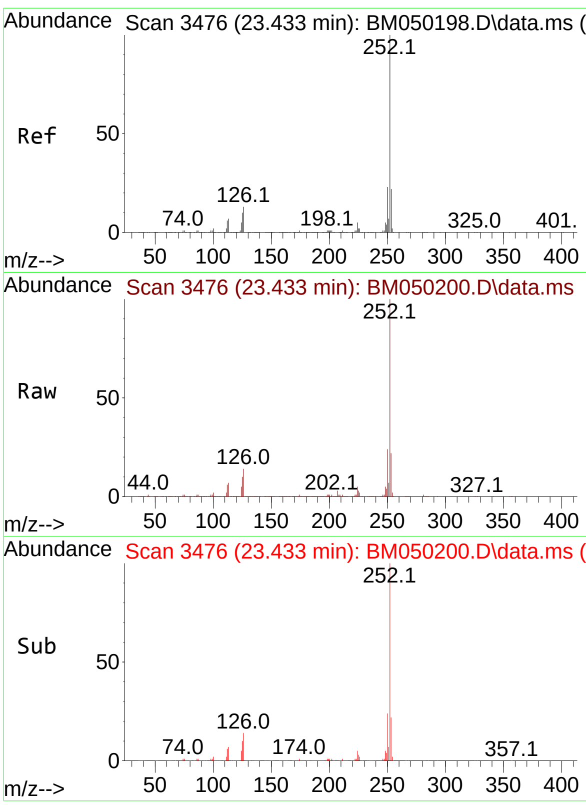


#87
Indeno(1,2,3-cd)pyrene
Concen: 68.579 ng
RT: 27.762 min Scan# 4
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:276 Resp: 5275171

Ion	Ratio	Lower	Upper
276	100		
138	18.1	20.6	30.8#
277	24.8	19.8	29.6

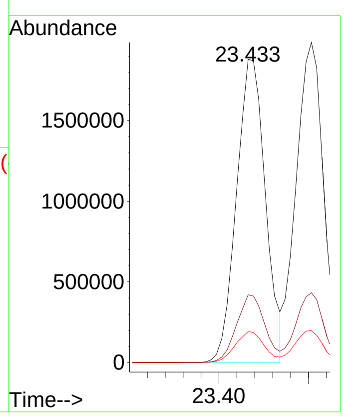




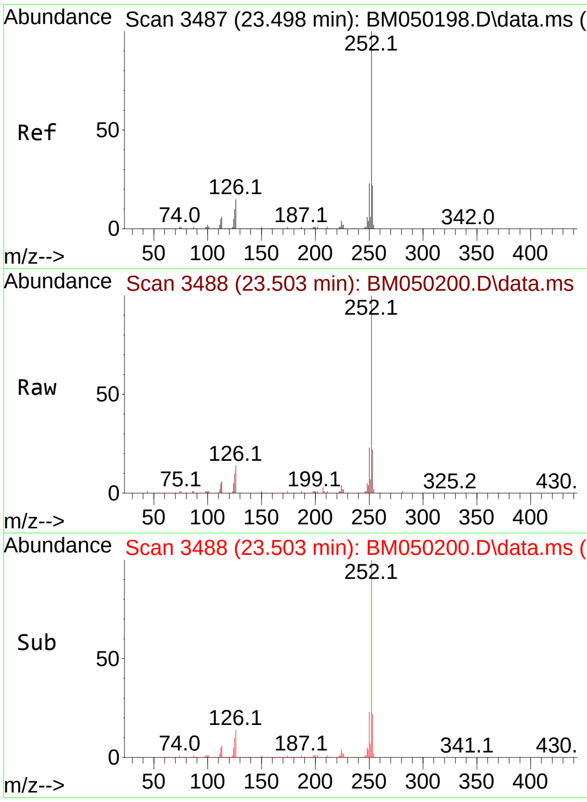
#88
Benzo(b)fluoranthene
Concen: 60.790 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:252 Resp: 4222358

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.2	8.2	12.4



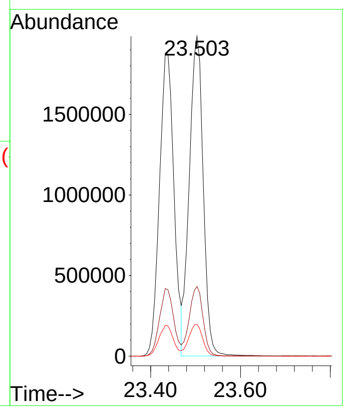
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

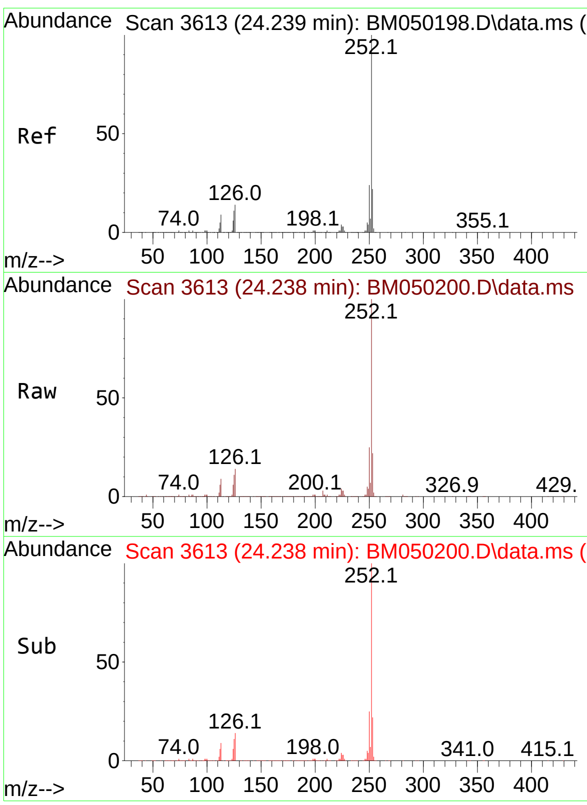


#89
Benzo(k)fluoranthene
Concen: 60.156 ng
RT: 23.503 min Scan# 34
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:252 Resp: 4265446

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.0	8.2	12.4

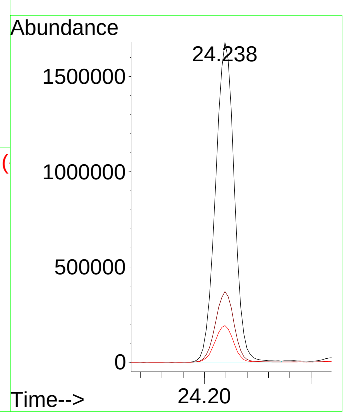




#90
Benzo(a)pyrene
Concen: 63.280 ng
RT: 24.238 min Scan# 3613
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

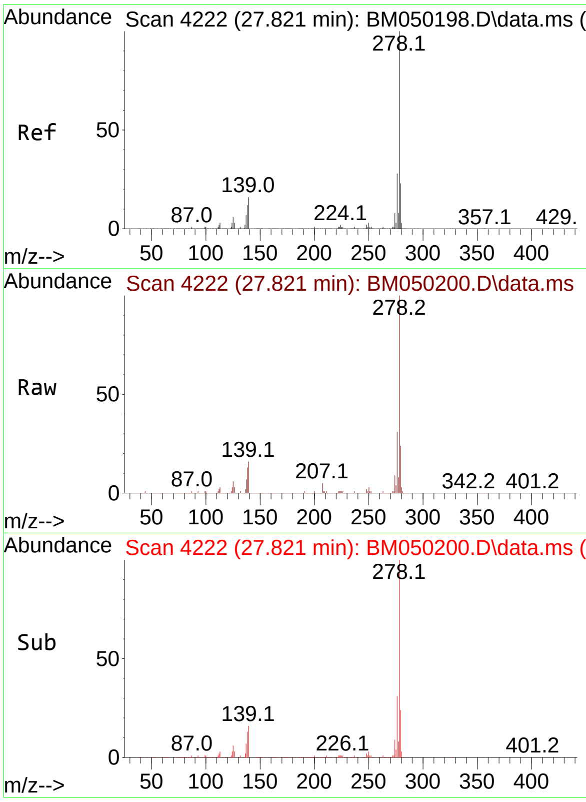
Tgt Ion:252 Resp: 4132525

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	11.5	9.0	13.4

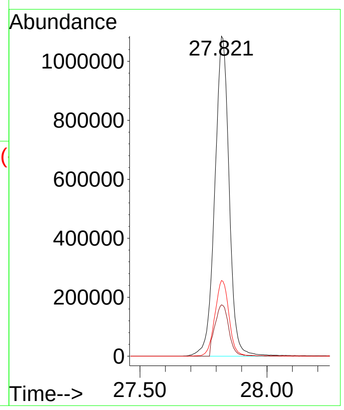


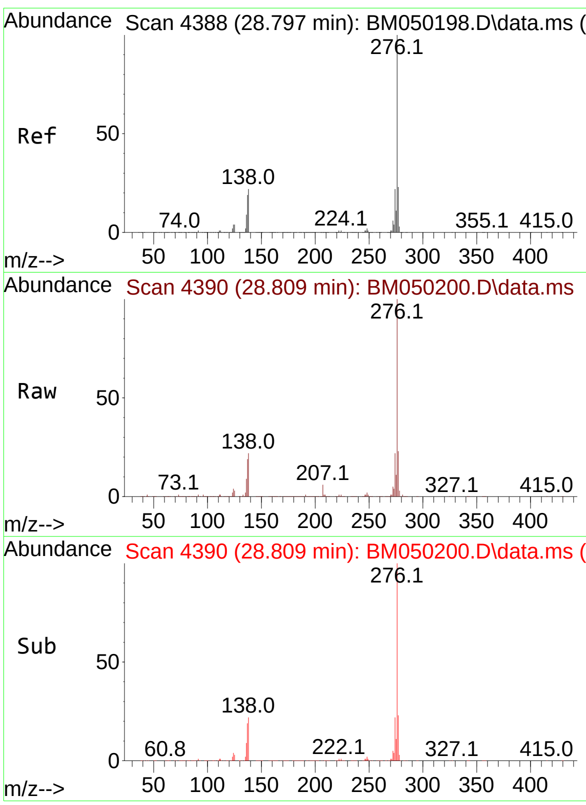
ICAL Form

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

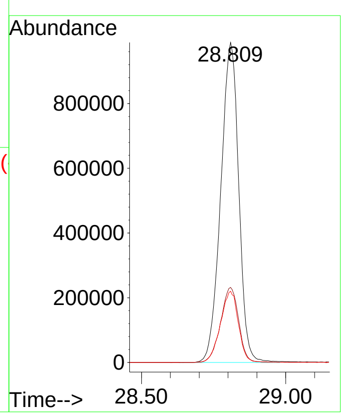



```
#91
Dibenzo(a,h)anthracene
Concen:   68.201 ng
RT:  27.821 min  Scan# 4
Delta R.T.  -0.000 min
Lab File:   BM050200.D
Acq: 05 Jun 2025  13:16

Tgt Ion:278 Resp: 4258292
Ion  Ratio  Lower  Upper
278  100
139   16.0   12.8   19.2
279   23.7   18.6   28.0
```






```
#92
Benzo(g,h,i)perylene
Concen:   68.486 ng
RT:  28.809 min  Scan# 4390
Delta R.T.  0.011 min
Lab File:   BM050200.D
Acq: 05 Jun 2025  13:16

Tgt Ion:276 Resp: 4279836
Ion  Ratio  Lower  Upper
276  100
277   23.4   18.6   27.8
138   22.3   17.8   26.6
```



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050201.D
Acq On : 05 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jun 05 14:59:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.793	152	291644	20.000 ng	0.00
21) Naphthalene-d8	10.581	136	1166744	20.000 ng	0.00
39) Acenaphthene-d10	14.416	164	653677	20.000 ng	0.00
64) Phenanthrene-d10	17.157	188	1121619	20.000 ng	0.00
76) Chrysene-d12	21.386	240	978835	20.000 ng	0.00
86) Perylene-d12	24.374	264	1062363	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.375	112	2682374	153.426 ng	0.00
7) Phenol-d6	6.957	99	3537202	153.692 ng	0.00
23) Nitrobenzene-d5	8.945	82	3567235	159.011 ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1121188	150.796 ng	0.00
45) 2-Fluorobiphenyl	13.051	172	7130886	147.690 ng	0.00
79) Terphenyl-d14	19.786	244	7496313	145.128 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.293	88	568907	74.235 ng	99
3) Pyridine	3.681	79	1547303	77.965 ng	99
4) n-Nitrosodimethylamine	3.599	42	329339	80.251 ng	97
6) Aniline	7.122	93	2369250	77.871 ng	100
8) 2-Chlorophenol	7.357	128	1502113	78.110 ng	98
10) Phenol	6.981	94	1866613	76.653 ng	100
11) bis(2-Chloroethyl)ether	7.216	93	1480567	75.590 ng	98
12) 1,3-Dichlorobenzene	7.681	146	1643168	76.431 ng	99
13) 1,4-Dichlorobenzene	7.828	146	1685110	75.334 ng	100
14) 1,2-Dichlorobenzene	8.140	146	1624137	76.165 ng	99
15) Benzyl Alcohol	8.028	79	1284953	78.279 ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	986129	72.476 ng	98
17) 2-Methylphenol	8.228	107	1245706	77.530 ng	100
18) Hexachloroethane	8.869	117	633589	78.215 ng	99
19) n-Nitroso-di-n-propyla...	8.604	70	1065330	75.641 ng	98
20) 3+4-Methylphenols	8.557	107	1677940	78.056 ng	100
22) Acetophenone	8.610	105	2192477	75.217 ng	100
24) Nitrobenzene	8.987	77	1617938	79.299 ng	99
25) Isophorone	9.516	82	3013669	77.831 ng	100
26) 2-Nitrophenol	9.692	139	788577	89.538 ng	98
27) 2,4-Dimethylphenol	9.757	122	1396376	77.093 ng	98
28) bis(2-Chloroethoxy)met...	9.998	93	1960708	77.513 ng	100
29) 2,4-Dichlorophenol	10.228	162	1350619	80.653 ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	1456329	78.151 ng	100
31) Naphthalene	10.628	128	4521397	74.953 ng	100
32) Benzoic acid	9.916	122	1021552	89.827 ng	99
33) 4-Chloroaniline	10.734	127	1968786	76.553 ng	99
34) Hexachlorobutadiene	10.928	225	876137	79.043 ng	100
35) Caprolactam	11.522	113	417728	78.683 ng	97
36) 4-Chloro-3-methylphenol	11.857	107	1393503	77.985 ng	99
37) 2-Methylnaphthalene	12.239	142	2773230	76.205 ng	99
38) 1-Methylnaphthalene	12.463	142	2903763	75.179 ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1499750	79.455 ng	100
41) Hexachlorocyclopentadiene	12.598	237	1024557	89.378 ng	99
43) 2,4,6-Trichlorophenol	12.845	196	1035769	83.443 ng	100
44) 2,4,5-Trichlorophenol	12.916	196	1122919	82.394 ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050201.D
Acq On : 05 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jun 05 14:59:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) 1,1'-Biphenyl	13.257	154	3756723	76.752 ng	99
47) 2-Chloronaphthalene	13.292	162	2936913	77.180 ng	99
48) 2-Nitroaniline	13.486	65	725090	86.588 ng	98
49) Acenaphthylene	14.139	152	4768813	77.481 ng	100
50) Dimethylphthalate	13.886	163	3356061	75.915 ng	100
51) 2,6-Dinitrotoluene	13.986	165	743566	83.403 ng	98
52) Acenaphthene	14.486	154	2945563	76.514 ng	99
53) 3-Nitroaniline	14.316	138	820084	82.536 ng	98
54) 2,4-Dinitrophenol	14.516	184	419557	79.818 ng	95
55) Dibenzofuran	14.816	168	4229270	75.092 ng	99
56) 4-Nitrophenol	14.616	139	684831	80.978 ng	97
57) 2,4-Dinitrotoluene	14.774	165	994115	84.530 ng	97
58) Fluorene	15.463	166	3057322	70.874 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	915334	77.626 ng	93
60) Diethylphthalate	15.251	149	3236518	73.786 ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1497395	71.823 ng	98
62) 4-Nitroaniline	15.480	138	746446	80.153 ng	99
63) Azobenzene	15.757	77	3216935	73.375 ng	99
65) 4,6-Dinitro-2-methylph...	15.533	198	540790	88.276 ng	98
66) n-Nitrosodiphenylamine	15.674	169	2805368	79.603 ng	100
67) 4-Bromophenyl-phenylether	16.357	248	977940	81.762 ng	97
68) Hexachlorobenzene	16.468	284	1117623	79.976 ng	97
69) Atrazine	16.627	200	913622	81.362 ng	99
70) Pentachlorophenol	16.804	266	766580	84.374 ng	99
71) Phenanthrene	17.198	178	4793533	74.812 ng	100
72) Anthracene	17.286	178	4900912	76.458 ng	99
73) Carbazole	17.551	167	4417127	75.641 ng	100
74) Di-n-butylphthalate	18.133	149	4904225	77.184 ng	100
75) Fluoranthene	19.209	202	5027290	74.400 ng	99
77) Benzidine	19.392	184	2034794	73.924 ng	100
78) Pyrene	19.568	202	5224283	79.187 ng	99
80) Butylbenzylphthalate	20.480	149	1897236	86.212 ng	98
81) Benzo(a)anthracene	21.368	228	4797580	77.435 ng	99
82) 3,3'-Dichlorobenzidine	21.292	252	1627542	86.143 ng	100
83) Chrysene	21.433	228	4547461	77.162 ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	2796211	82.490 ng	99
85) Di-n-octyl phthalate	22.462	149	4575834	90.971 ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	5980793	87.435 ng	100
88) Benzo(b)fluoranthene	23.439	252	4811379	77.897 ng	99
89) Benzo(k)fluoranthene	23.503	252	4862610	77.118 ng	100
90) Benzo(a)pyrene	24.239	252	4719647	81.270 ng	100
91) Dibenzo(a,h)anthracene	27.821	278	4849919	87.349 ng	99
92) Benzo(g,h,i)perylene	28.815	276	4870648	87.646 ng	99

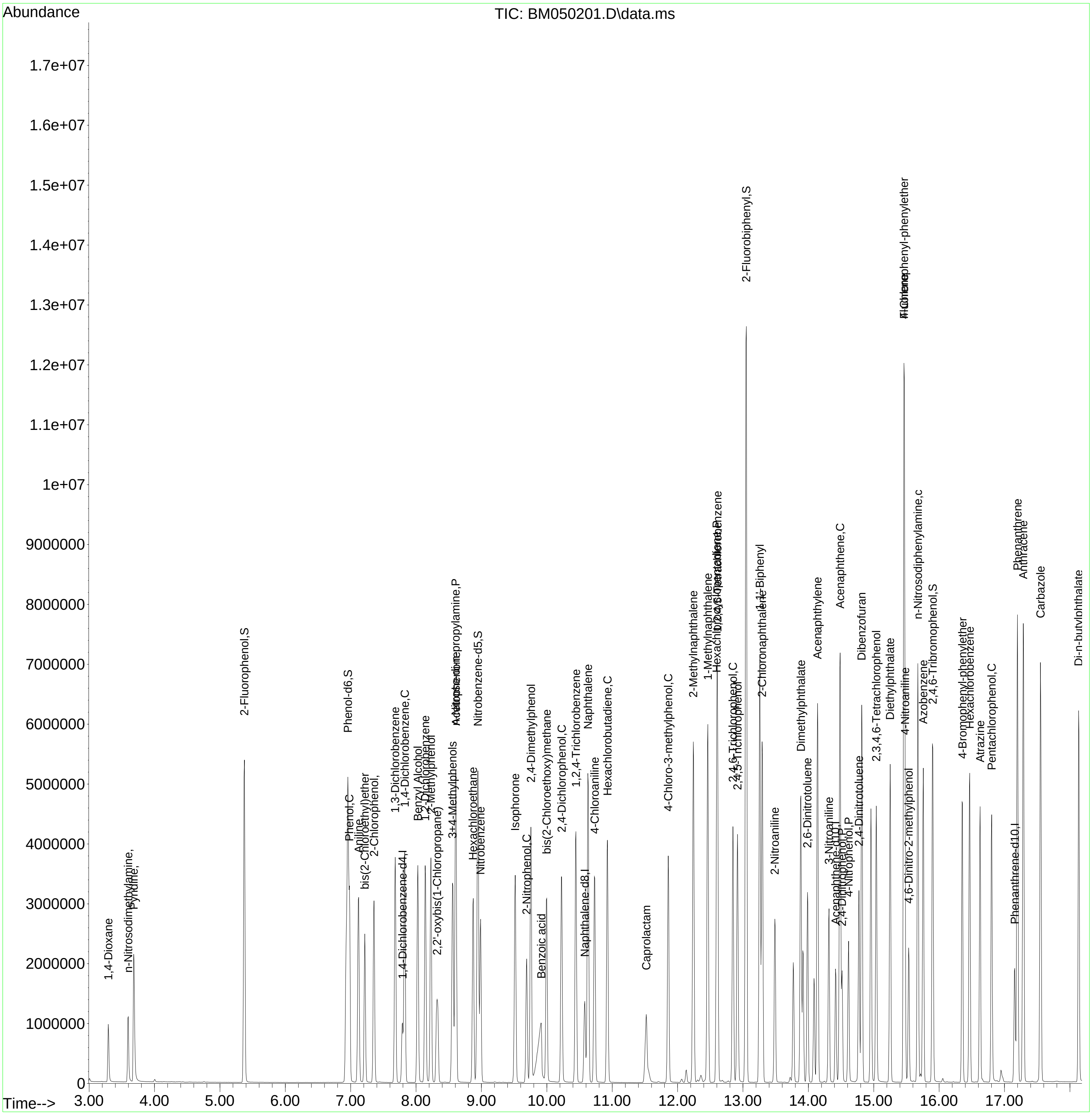
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050201.D
Acq On   : 05 Jun 2025 13:56
Operator : RC/JU
Sample   : SSTDICC080
Misc   :
ALS Vial : 9   Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jun 05 14:59:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



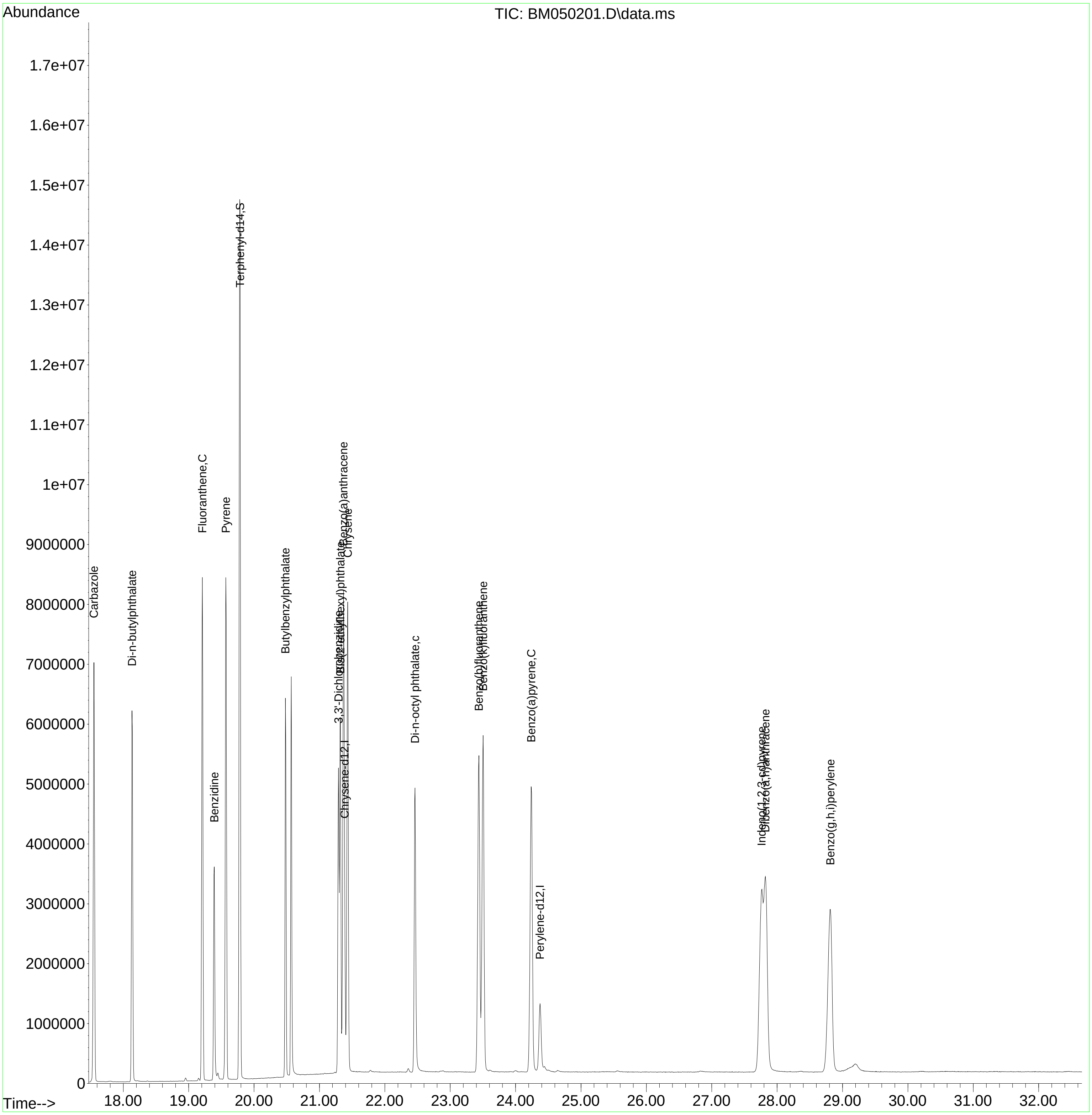
Quantitation Report   (QT Reviewed)

ICAL Form

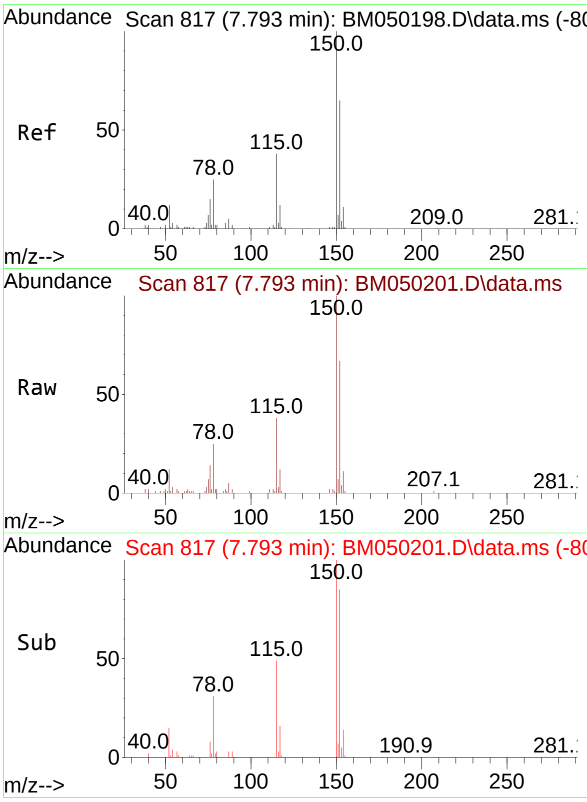
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050201.D
Acq On   : 05 Jun 2025 13:56
Operator : RC/JU
Sample   : SSTDICC080
Misc   :
ALS Vial : 9   Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jun 05 14:59:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



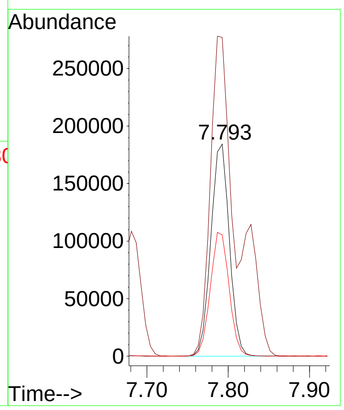
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

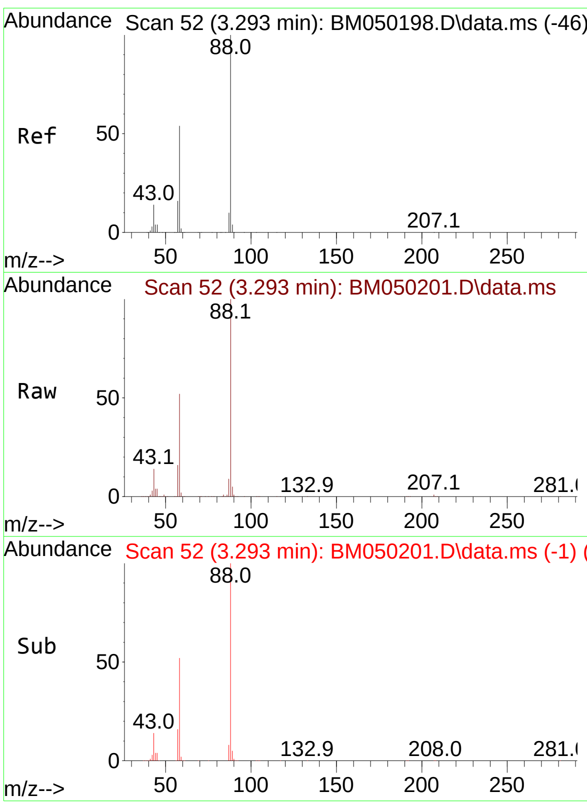


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:152 Resp: 291644

Ion	Ratio	Lower	Upper
152	100		
150	150.4	122.2	183.4
115	57.2	46.3	69.5

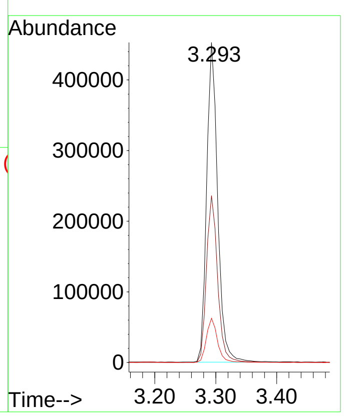




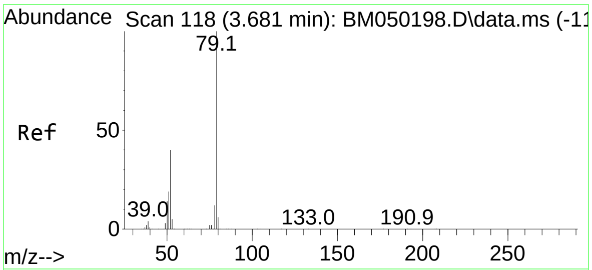
#2
1,4-Dioxane
Concen: 74.235 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

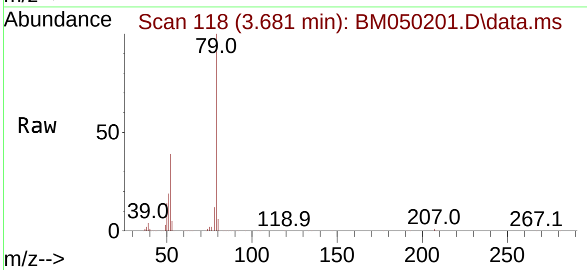
Tgt Ion: 88 Resp: 568907

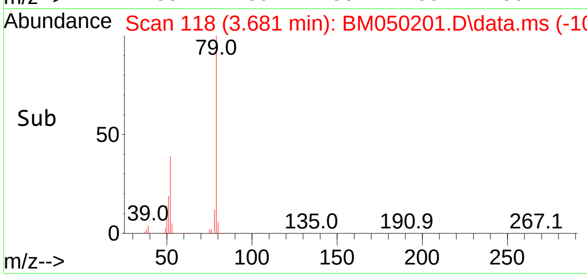
Ion	Ratio	Lower	Upper
88	100		
58	52.9	42.9	64.3
43	13.9	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC080



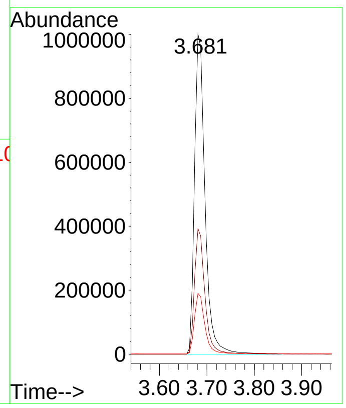


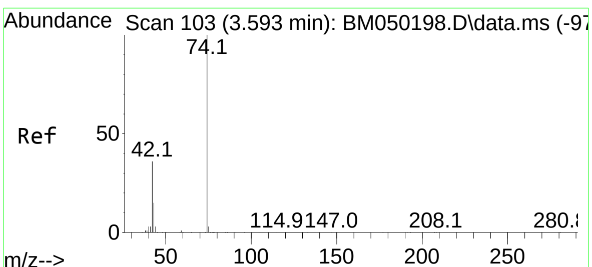


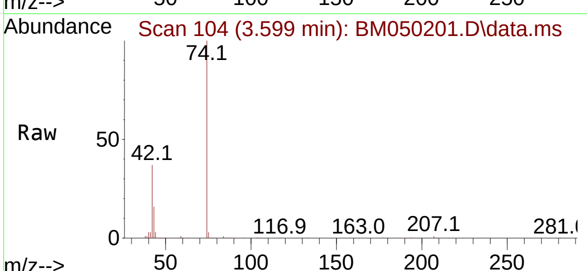
#3
Pyridine
Concen: 77.965 ng
RT: 3.681 min   Scan# 1
Delta R.T.   -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025   13:56

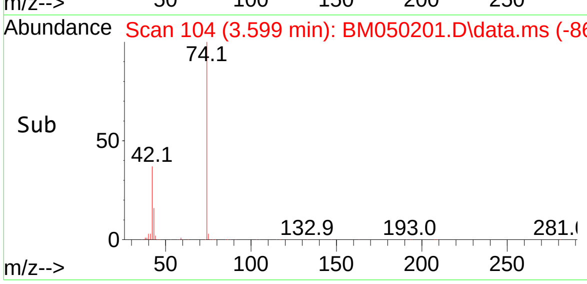
Tgt Ion: 79 Resp: 1547303

Ion	Ratio	Lower	Upper
79	100		
52	39.3	32.1	48.1
51	19.0	15.4	23.0





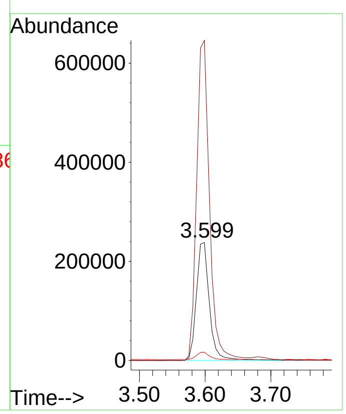




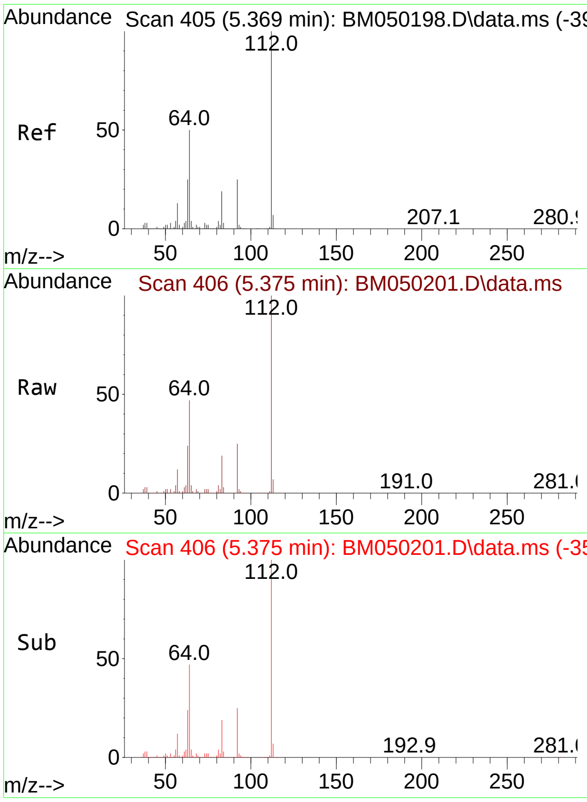
#4
n-Nitrosodimethylamine
Concen: 80.251 ng
RT: 3.599 min   Scan# 104
Delta R.T.   0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025   13:56

Tgt Ion: 42 Resp: 329339

Ion	Ratio	Lower	Upper
42	100		
74	271.2	222.0	333.0
44	7.0	7.0	10.6



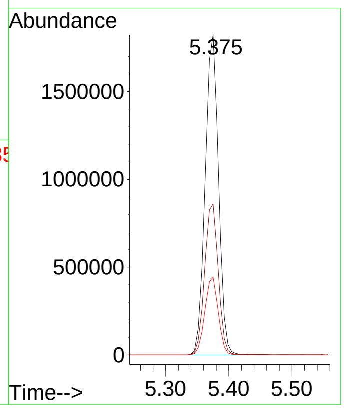
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

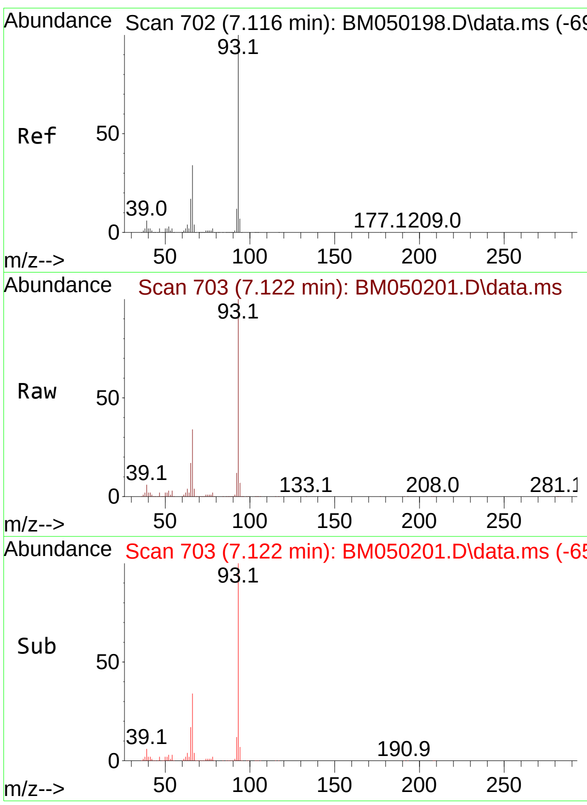


#5
2-Fluorophenol
Concen: 153.426 ng
RT: 5.375 min   Scan# 40
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025   13:56

Tgt Ion:112 Resp: 2682374

Ion	Ratio	Lower	Upper
112	100		
64	47.2	39.8	59.6
63	24.3	19.8	29.8

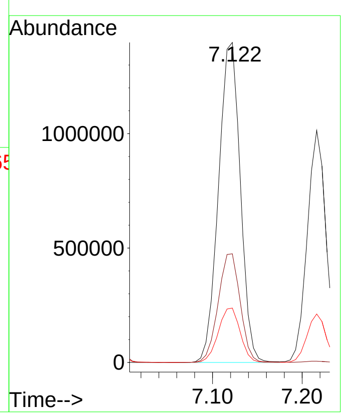




#6
Aniline
Concen: 77.871 ng
RT: 7.122 min   Scan# 703
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025   13:56

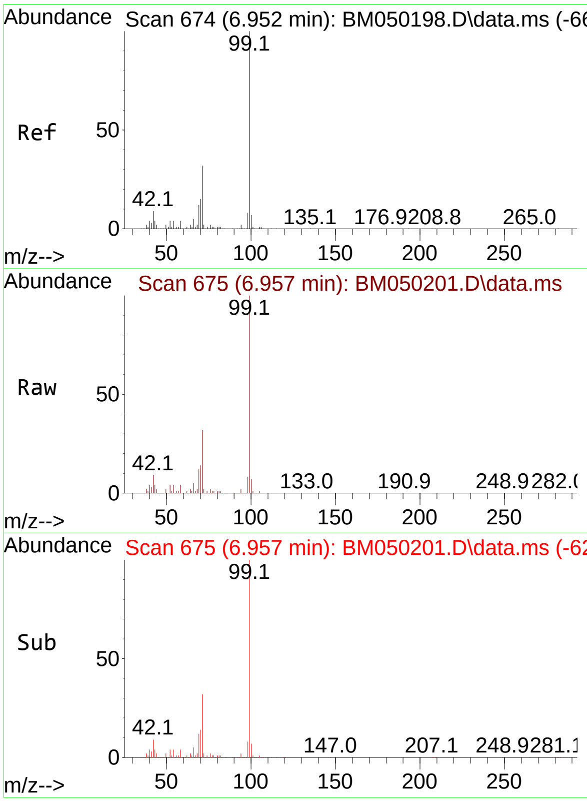
Tgt Ion: 93 Resp: 2369250

Ion	Ratio	Lower	Upper
93	100		
66	34.0	27.4	41.2
65	17.0	13.6	20.4



ICAL Form

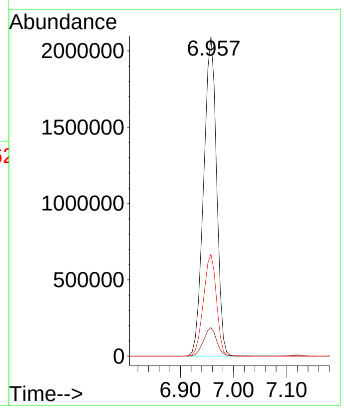
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

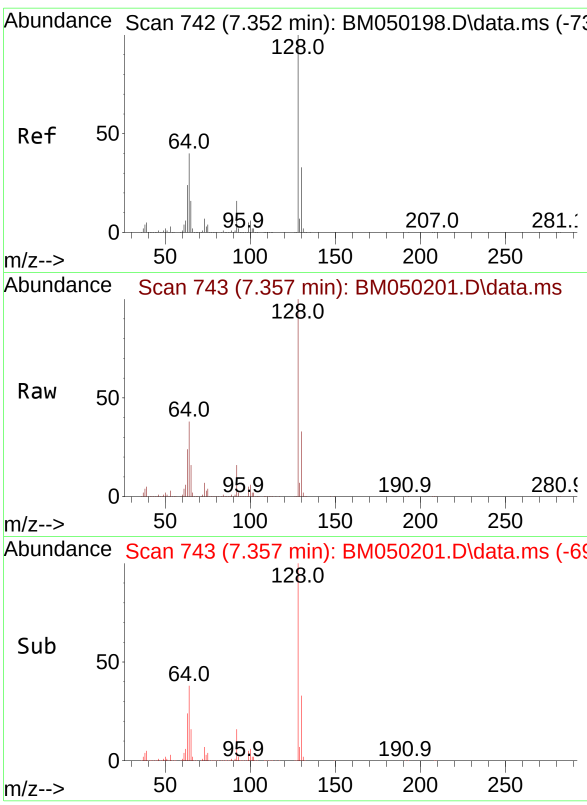


#7
Phenol-d6
Concen: 153.692 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 99 Resp: 3537202

Ion	Ratio	Lower	Upper
99	100		
42	8.9	6.9	10.3
71	32.0	25.3	37.9

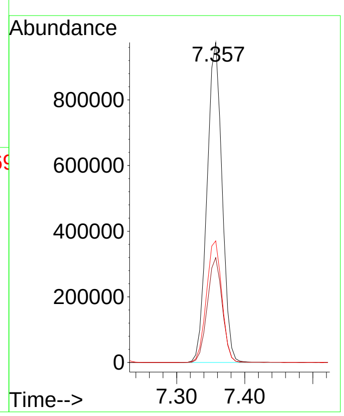




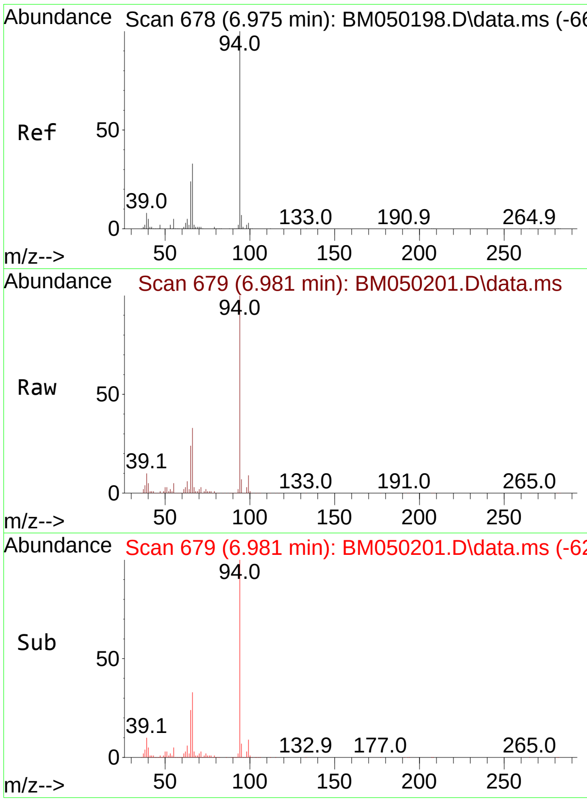
#8
2-Chlorophenol
Concen: 78.110 ng
RT: 7.357 min Scan# 743
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:128 Resp: 1502113

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	38.0	19.8	59.8



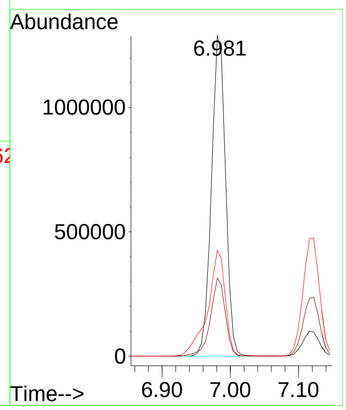
Instrument : BNA_M
ClientSampleId : SSTDICC080

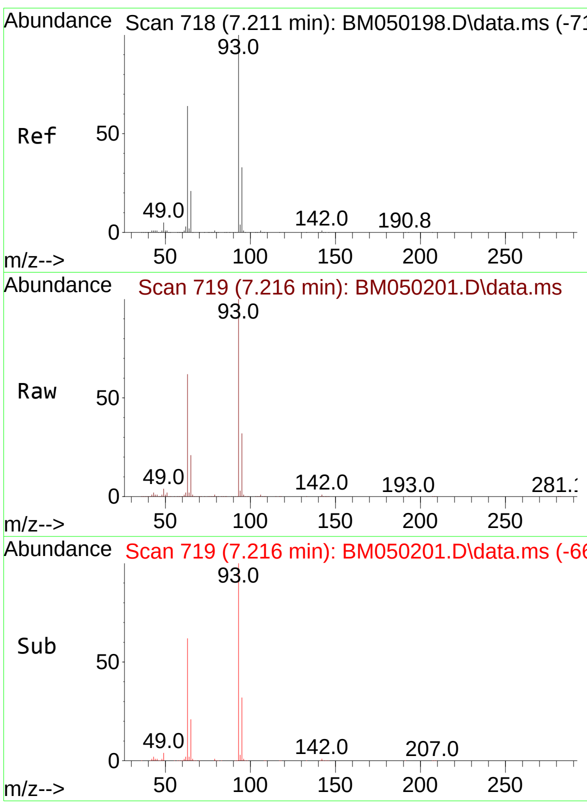


#10
Phenol
Concen: 76.653 ng
RT: 6.981 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 94 Resp: 1866613

Ion	Ratio	Lower	Upper
94	100		
65	24.4	4.3	44.3
66	33.0	12.9	52.9

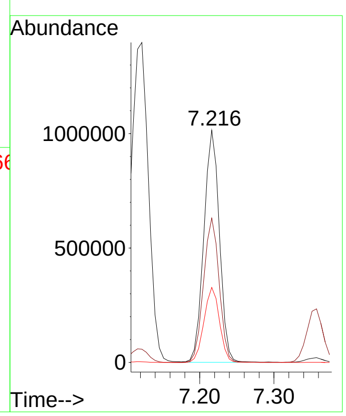




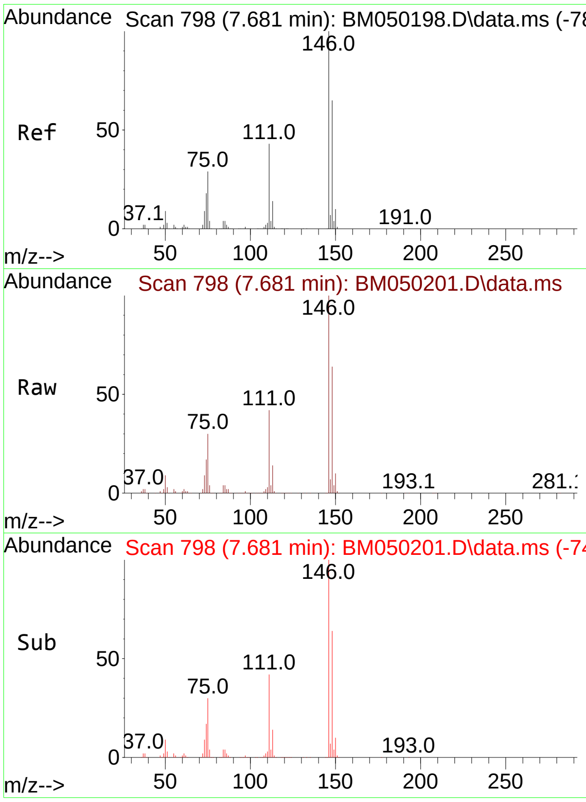
#11
bis(2-Chloroethyl)ether
Concen: 75.590 ng
RT: 7.216 min Scan# 719
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 93 Resp: 1480567

Ion	Ratio	Lower	Upper
93	100		
63	62.1	43.9	83.9
95	32.3	12.7	52.7



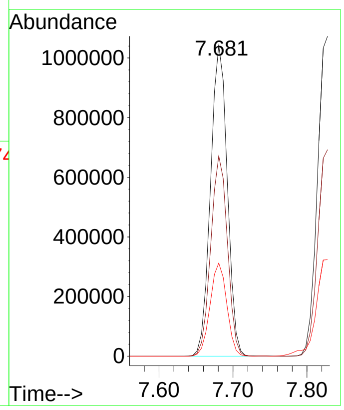
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

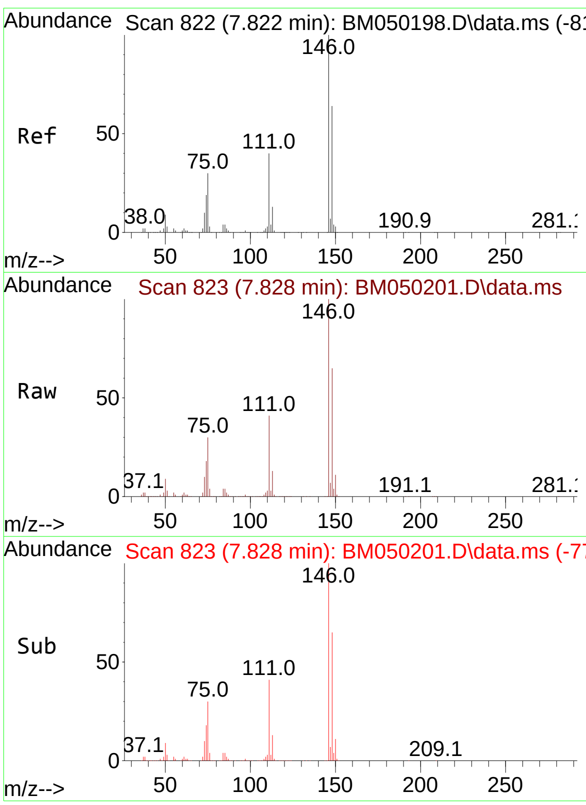


#12
1,3-Dichlorobenzene
Concen: 76.431 ng
RT: 7.681 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:146 Resp: 1643168

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	30.0	23.4	35.0

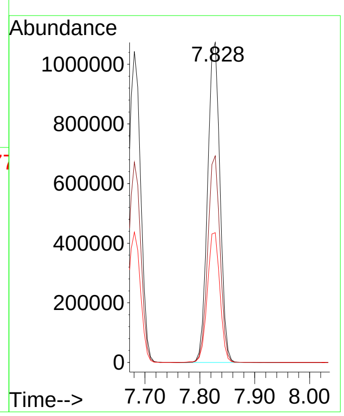




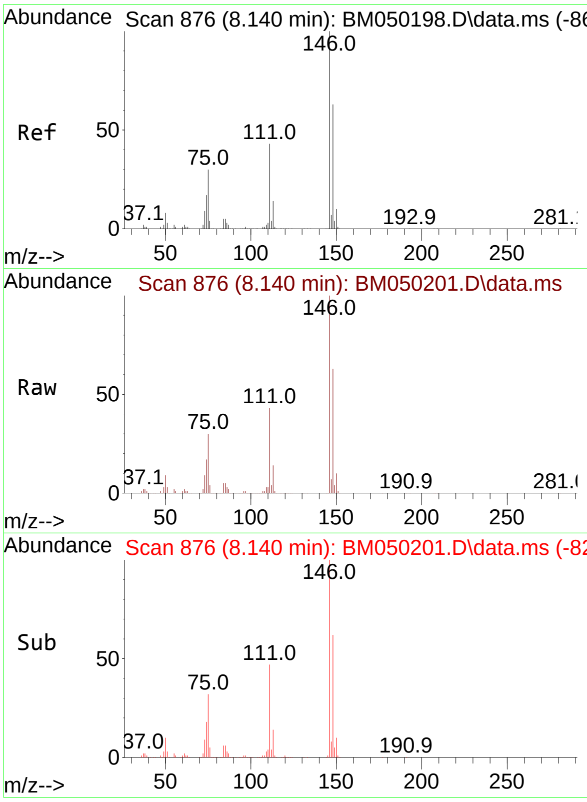
#13
1,4-Dichlorobenzene
Concen: 75.334 ng
RT: 7.828 min Scan# 823
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:146 Resp: 1685110

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
111	40.6	32.3	48.5



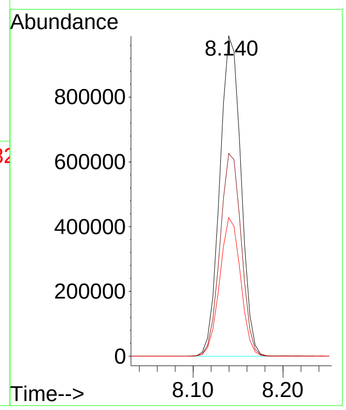
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

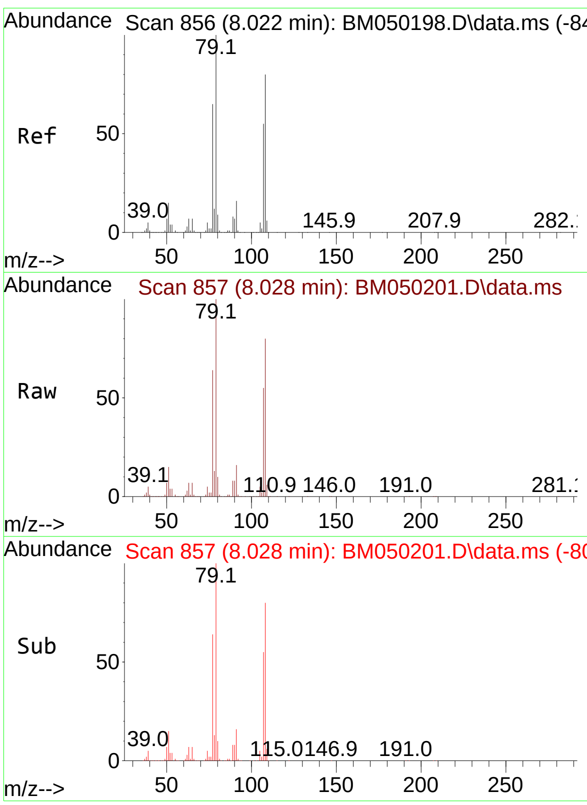


#14
1,2-Dichlorobenzene
Concen: 76.165 ng
RT: 8.140 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:146 Resp: 1624137

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	43.3	34.3	51.5

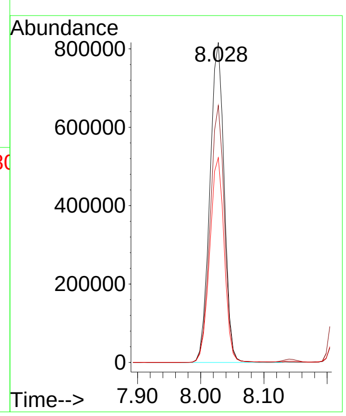




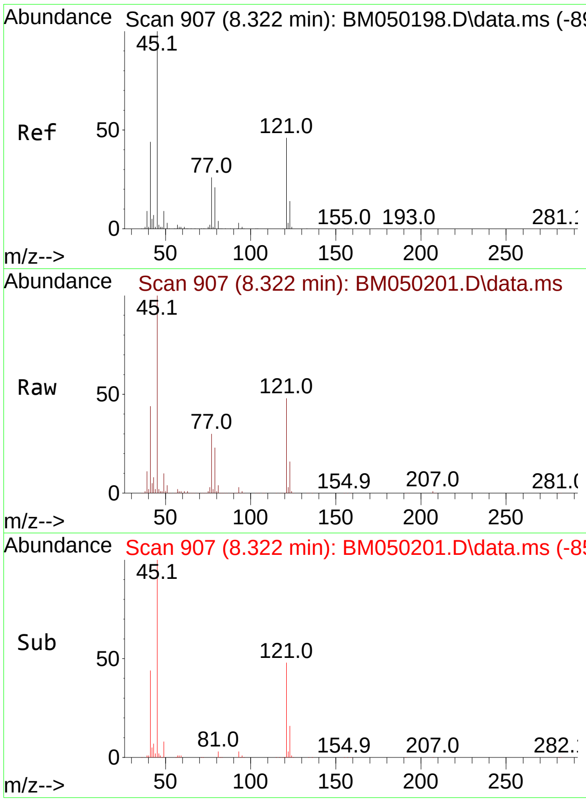
#15
Benzyl Alcohol
Concen: 78.279 ng
RT: 8.028 min Scan# 857
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 79 Resp: 1284953

Ion	Ratio	Lower	Upper
79	100		
108	80.3	64.0	96.0
77	64.0	52.2	78.2



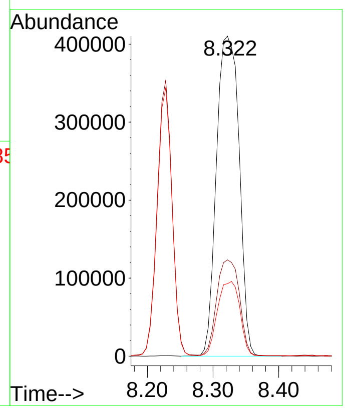
Instrument : BNA_M
ClientSampleId : SSTDICC080

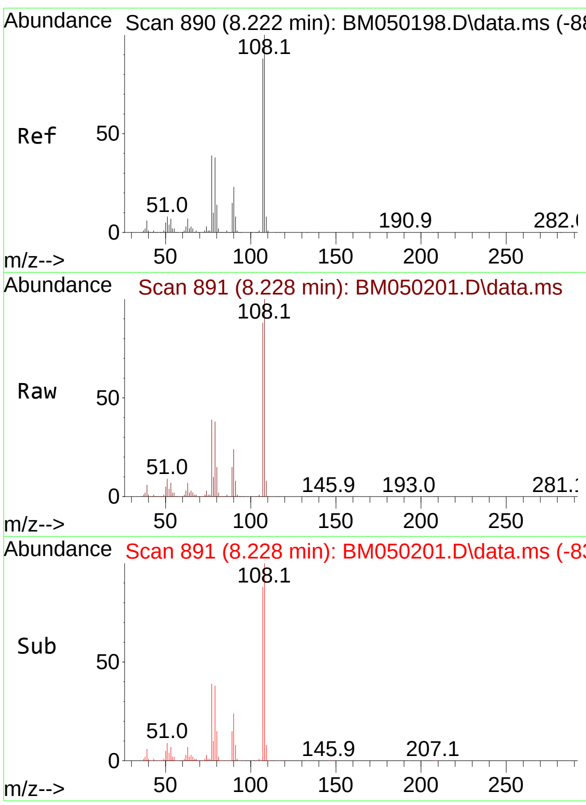


#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.476 ng
RT: 8.322 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 45 Resp: 986129

Ion	Ratio	Lower	Upper
45	100		
77	30.1	8.7	48.7
79	22.6	2.7	42.7

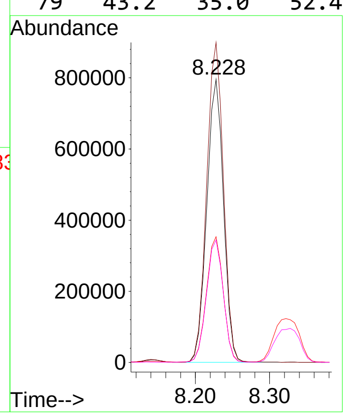




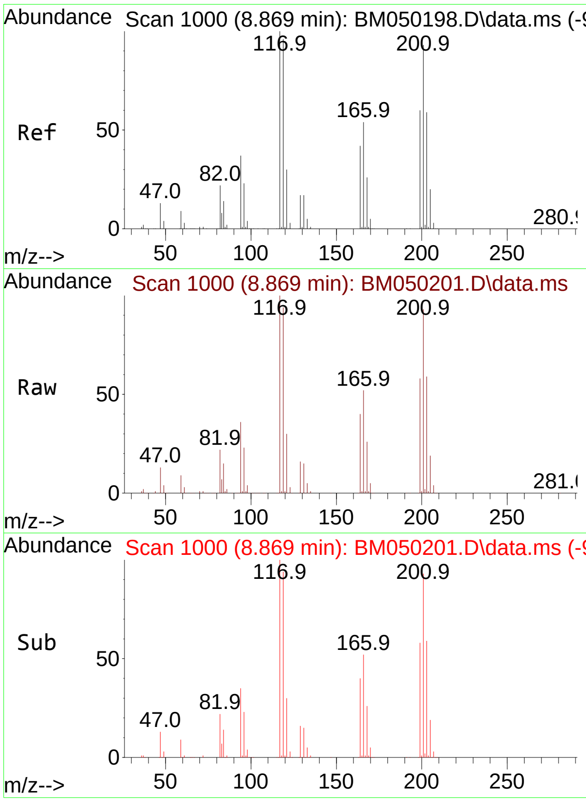
#17
2-Methylphenol
Concen: 77.530 ng
RT: 8.228 min Scan# 891
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:107 Resp: 1245706

Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.8	136.2
77	44.4	35.7	53.5
79	43.2	35.0	52.4



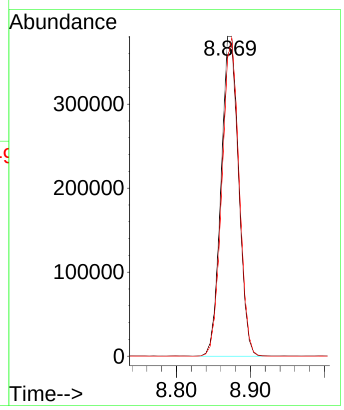
Instrument : BNA_M
ClientSampleId : SSTDICC080

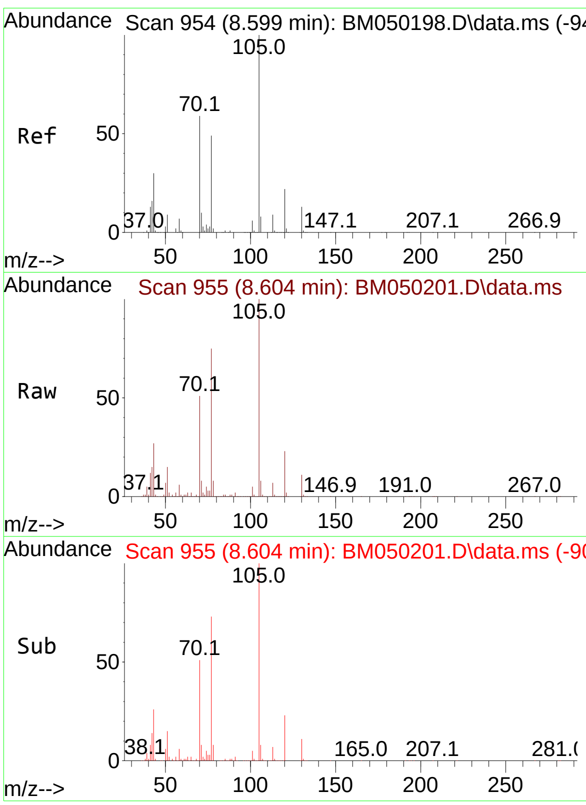


#18
Hexachloroethane
Concen: 78.215 ng
RT: 8.869 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:117 Resp: 633589

Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.0	115.6
201	92.8	74.6	111.8

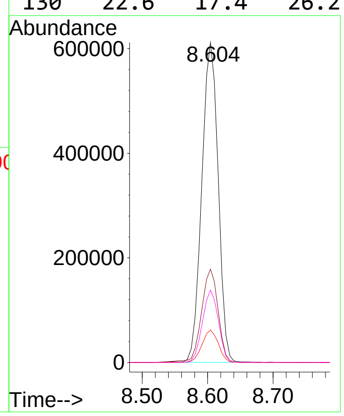




#19
n-Nitroso-di-n-propylamine
Concen: 75.641 ng
RT: 8.604 min Scan# 955
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

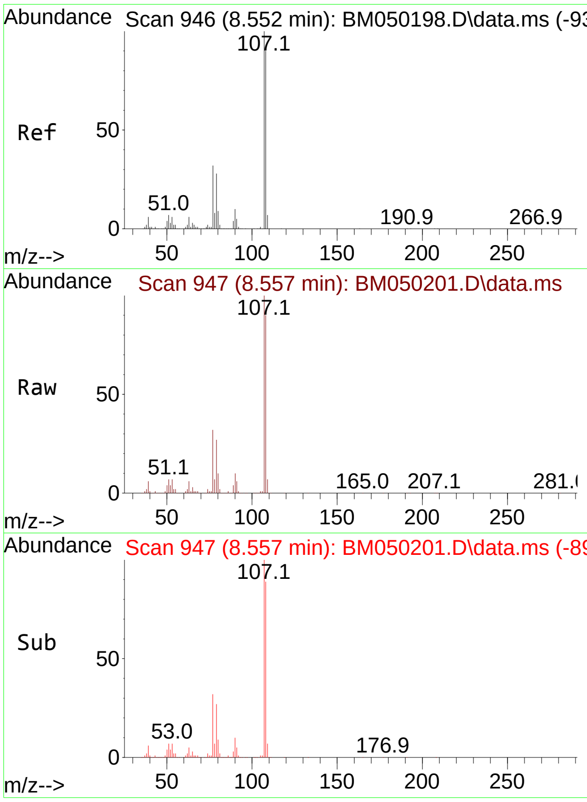
Tgt Ion: 70 Resp: 1065330

Ion	Ratio	Lower	Upper
70	100		
42	29.1	22.6	33.8
101	10.1	8.3	12.5
130	22.6	17.4	26.2



ICAL Form

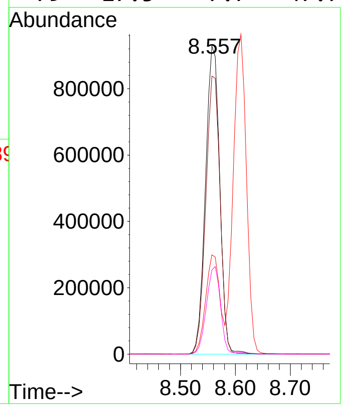
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

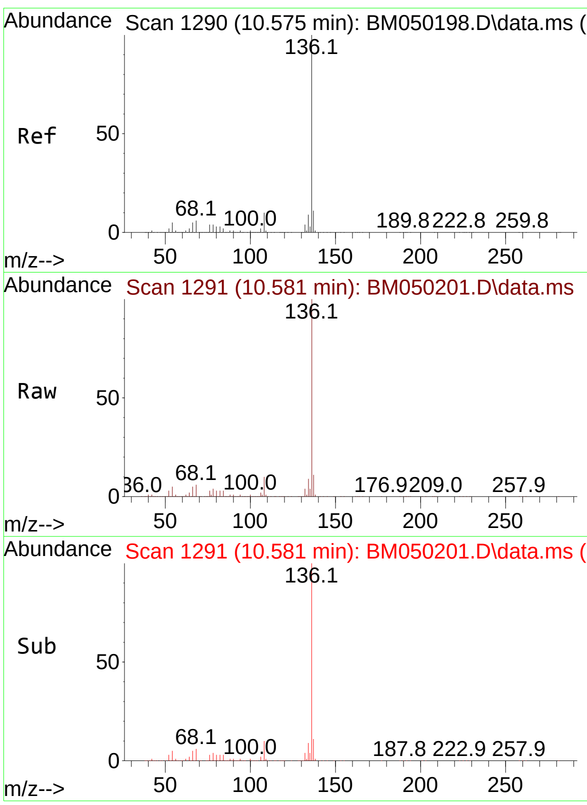


#20
3+4-Methylphenols
Concen: 78.056 ng
RT: 8.557 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:107 Resp: 1677940

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.4	110.4
77	32.3	12.2	52.2
79	27.3	7.7	47.7

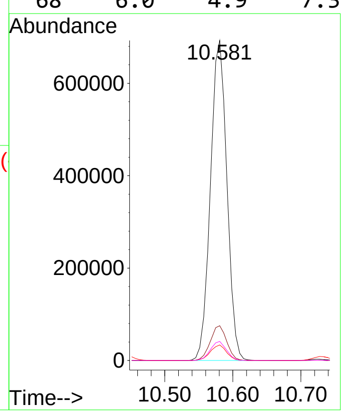




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

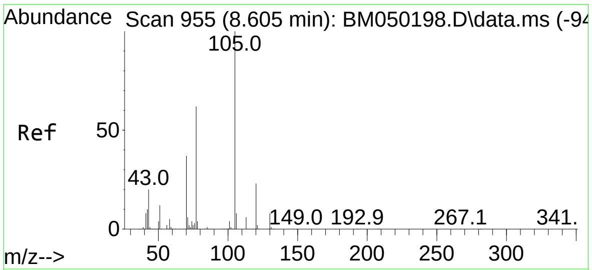
Tgt Ion:136 Resp: 1166744

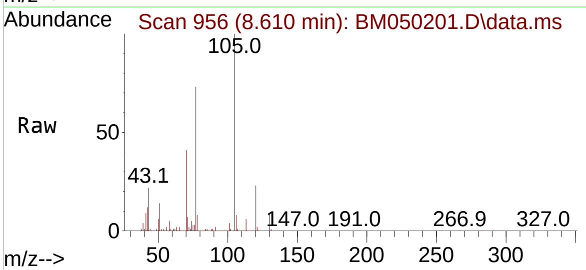
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.8	3.8	5.8
68	6.0	4.9	7.3

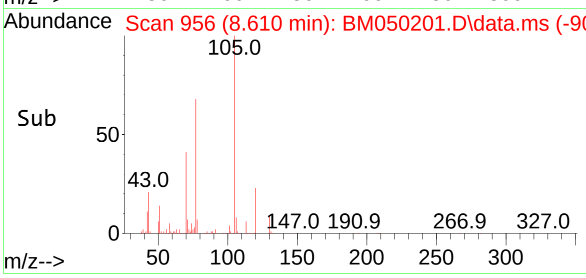


ICAL Form

Instrument :
BNA_M
ClientSampleId :
SSTDICC080



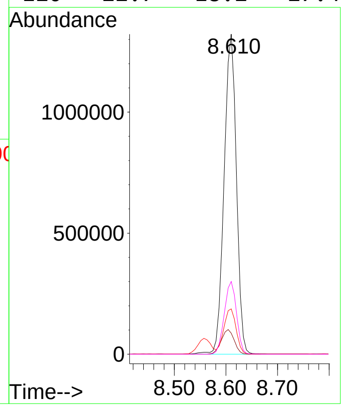


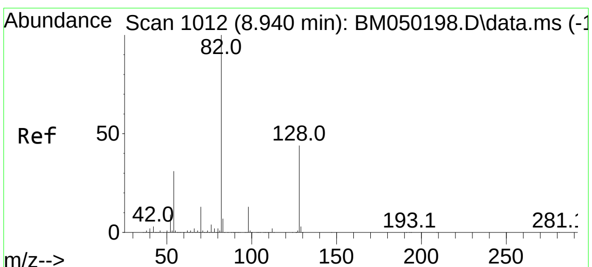


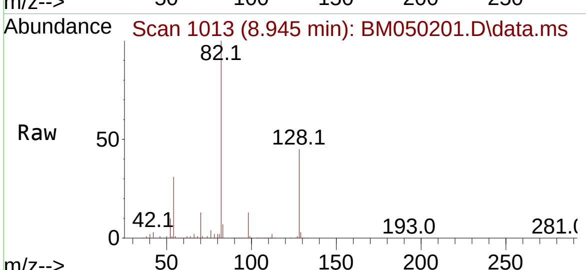
#22
Acetophenone
Concen: 75.217 ng
RT: 8.610 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

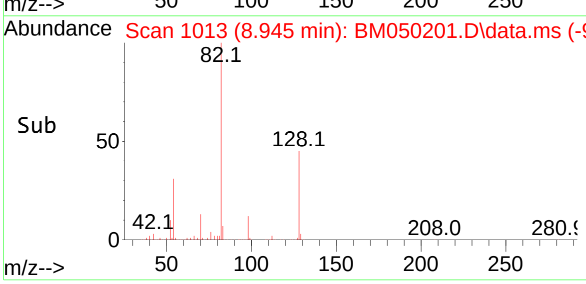
Tgt Ion:105 Resp: 2192477

Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.0	7.4
51	14.2	11.4	17.2
120	22.7	18.2	27.4





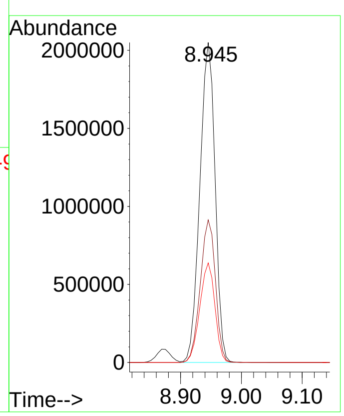




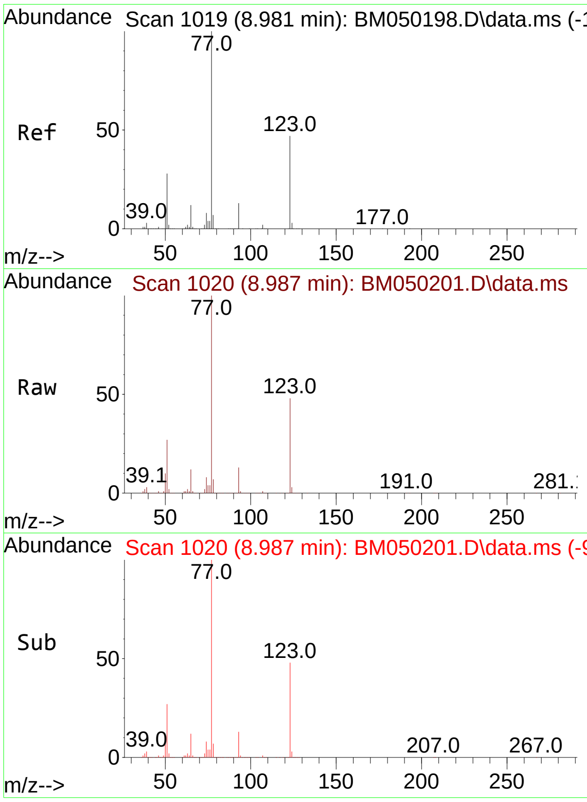
#23
Nitrobenzene-d5
Concen: 159.011 ng
RT: 8.945 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 82 Resp: 3567235

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.2	52.8
54	31.1	24.5	36.7



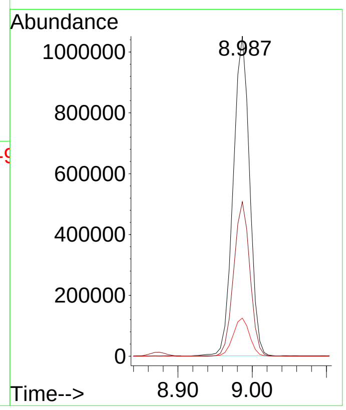
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

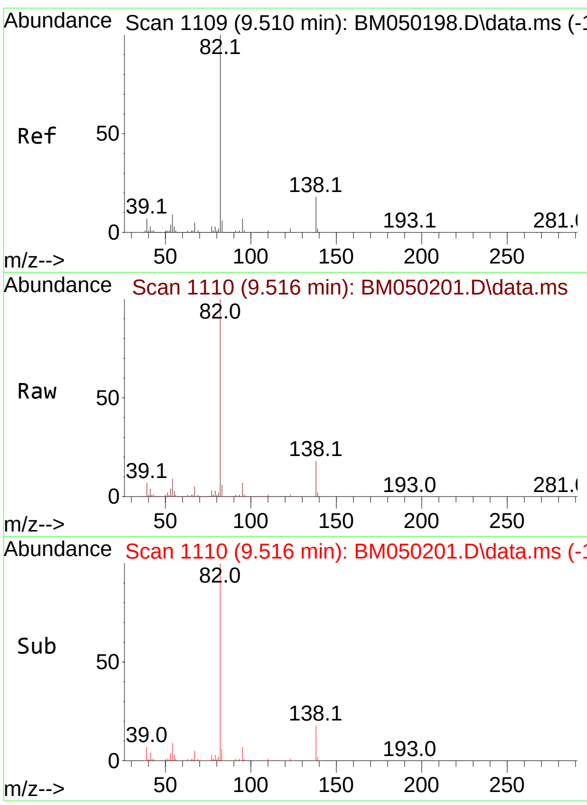


#24
Nitrobenzene
Concen: 79.299 ng
RT: 8.987 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 77 Resp: 1617938

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.2	57.2
65	11.9	9.5	14.3

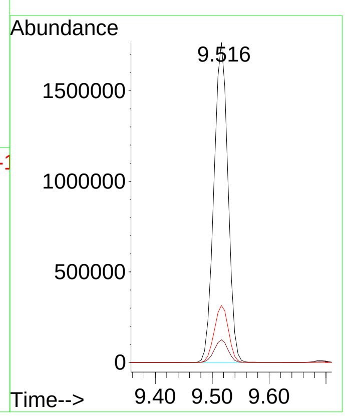




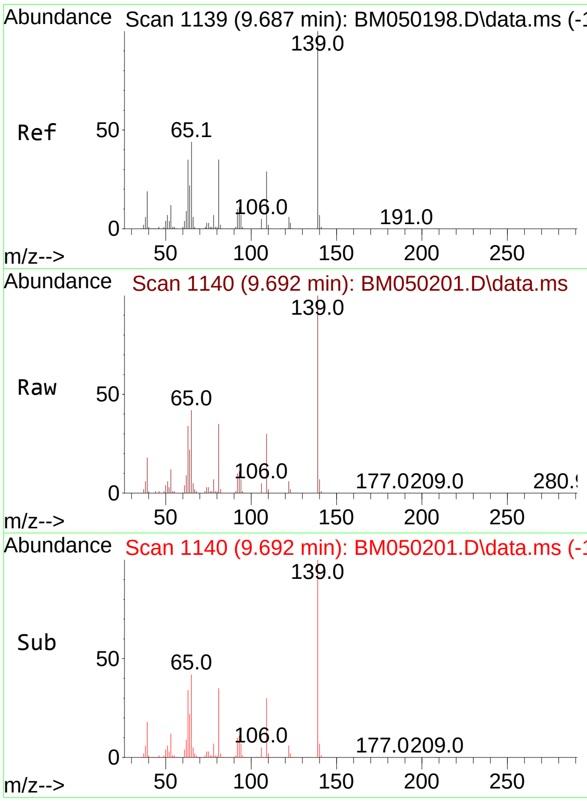
#25
Isophorone
Concen: 77.831 ng
RT: 9.516 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 82 Resp: 3013669

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	17.8	14.2	21.2



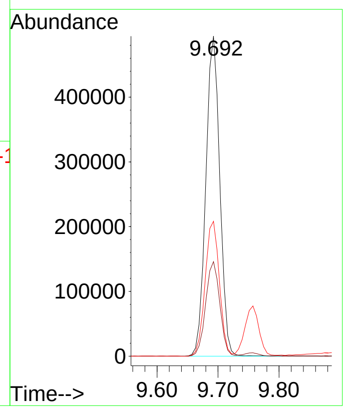
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

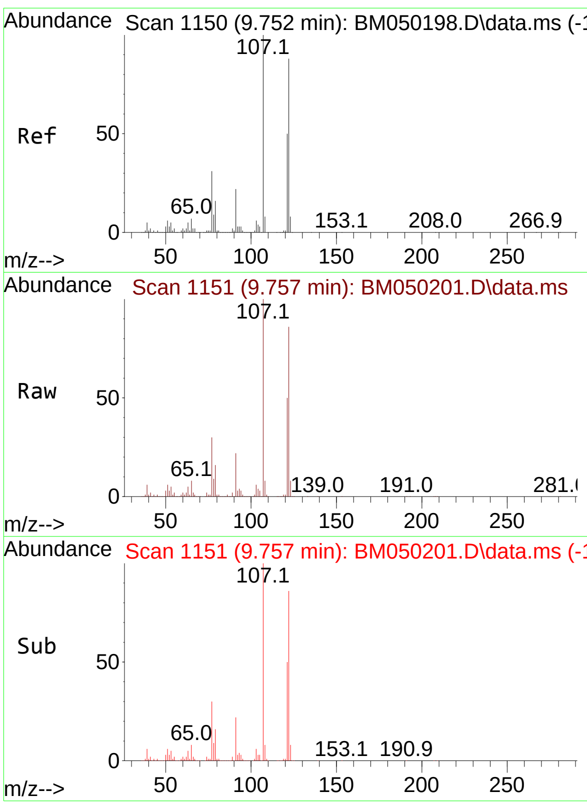


#26
2-Nitrophenol
Concen: 89.538 ng
RT: 9.692 min   Scan# 1
Delta R.T.   0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025   13:56

Tgt Ion:139 Resp: 788577

Ion	Ratio	Lower	Upper
139	100		
109	29.6	23.3	34.9
65	42.2	35.2	52.8

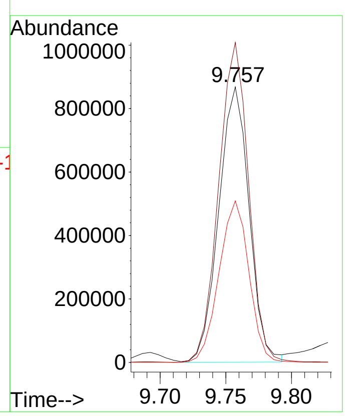




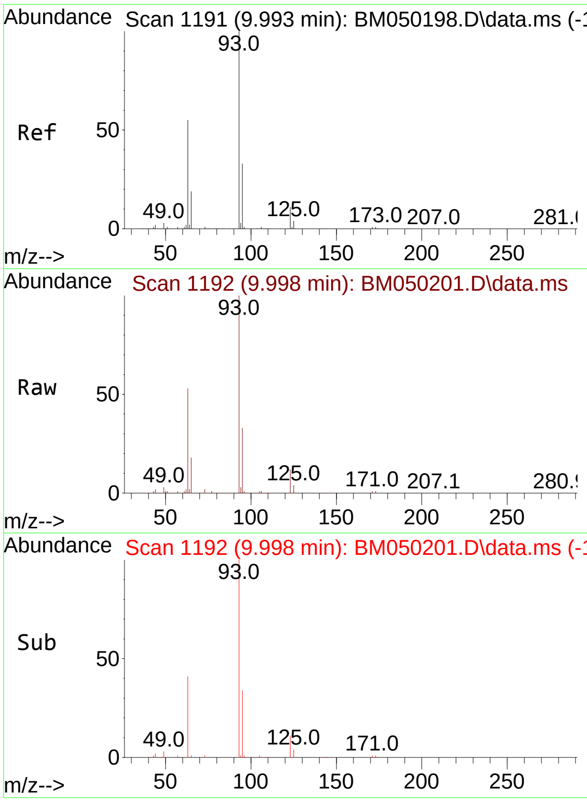
#27
2,4-Dimethylphenol
Concen: 77.093 ng
RT: 9.757 min   Scan# 1151
Delta R.T.   0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025   13:56

Tgt Ion:122 Resp: 1396376

Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.0	136.6
121	58.6	45.8	68.6



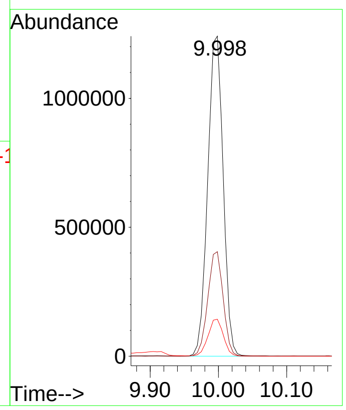
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

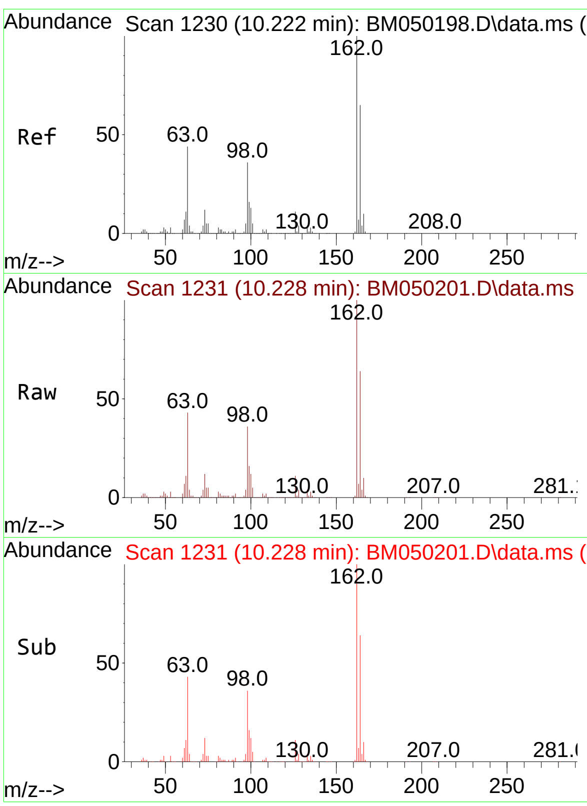


#28
bis(2-Chloroethoxy)methane
Concen: 77.513 ng
RT: 9.998 min   Scan# 1
Delta R.T.   0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025   13:56

Tgt Ion: 93 Resp: 1960708

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.5	8.9	13.3

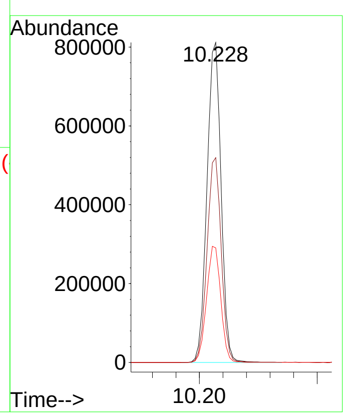




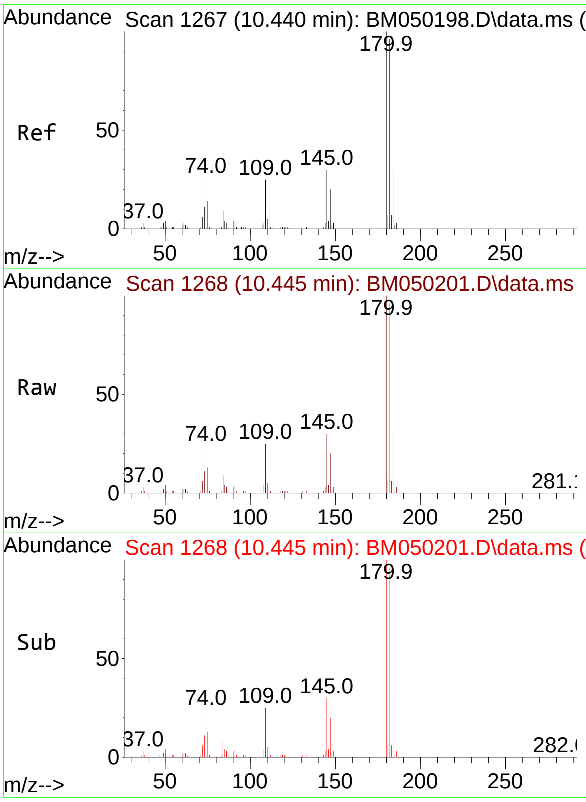
#29
2,4-Dichlorophenol
Concen: 80.653 ng
RT: 10.228 min   Scan# 1231
Delta R.T.   0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025   13:56

Tgt Ion:162 Resp: 1350619

Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.0	85.0
98	35.8	16.3	56.3



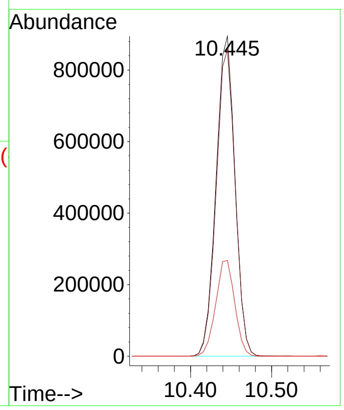
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

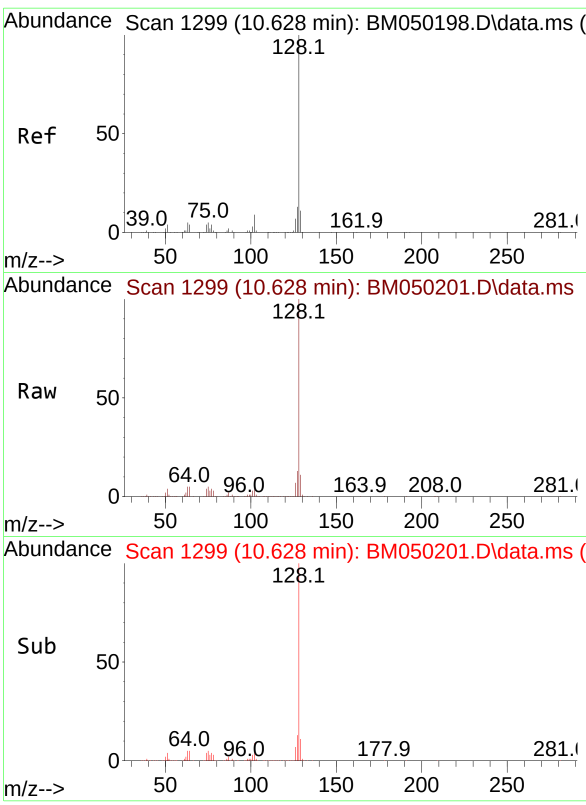


#30
1,2,4-Trichlorobenzene
Concen: 78.151 ng
RT: 10.445 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:180 Resp: 1456329

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	114.8
145	29.9	24.2	36.4

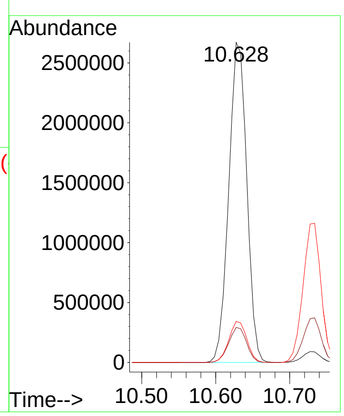




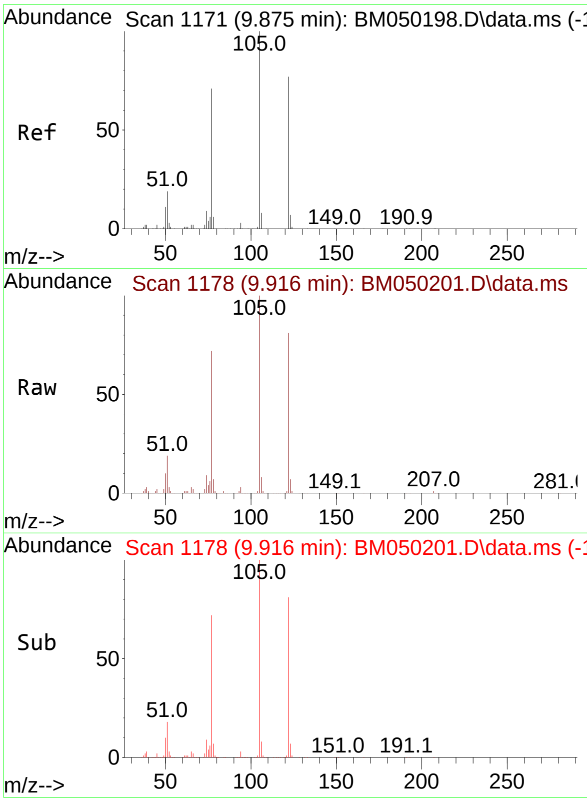
#31
Naphthalene
Concen: 74.953 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:128 Resp: 4521397

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



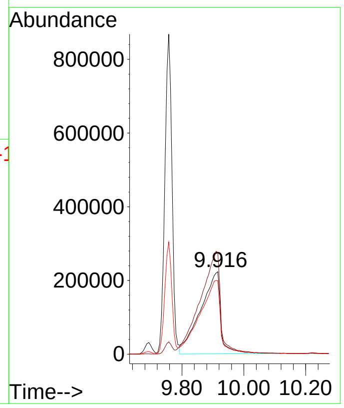
Instrument : BNA_M
ClientSampleId : SSTDICC080

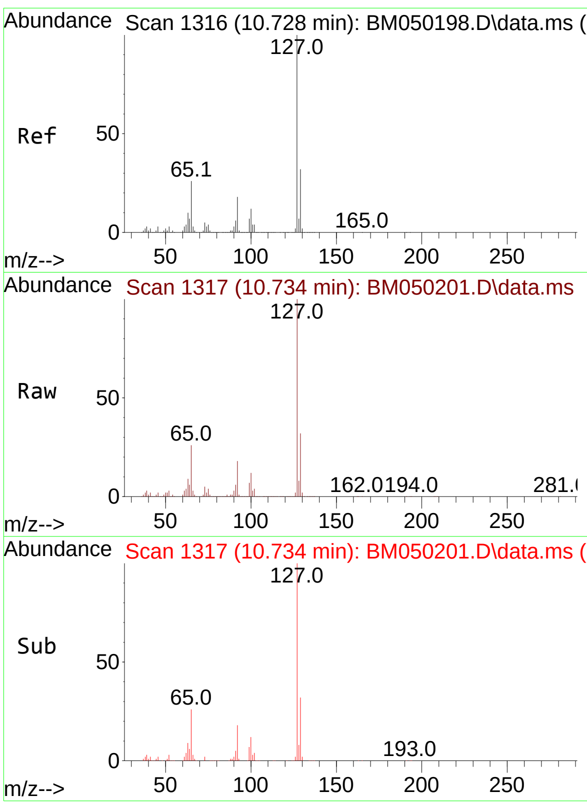


#32
Benzoic acid
Concen: 89.827 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.041 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:122 Resp: 1021552

Ion	Ratio	Lower	Upper
122	100		
105	123.5	103.4	143.4
77	89.2	70.3	110.3

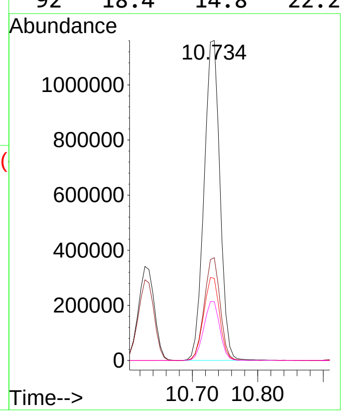




#33
4-Chloroaniline
Concen: 76.553 ng
RT: 10.734 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

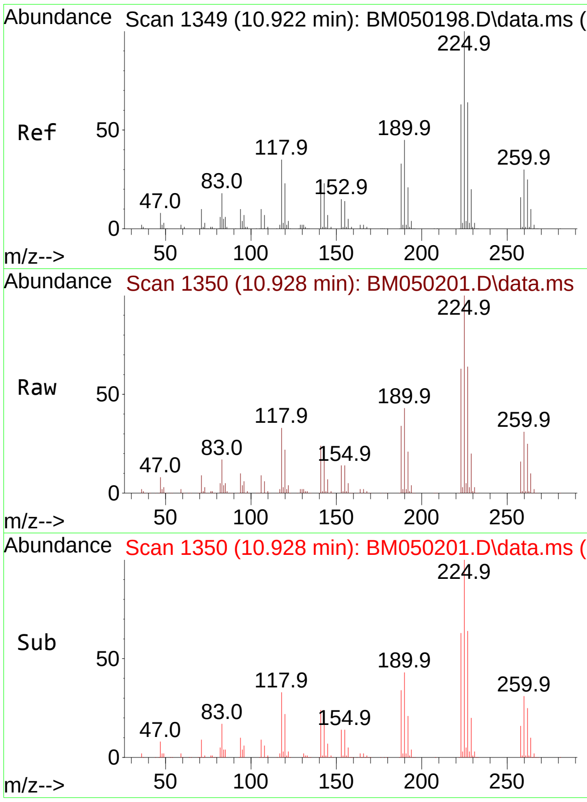
Tgt Ion:127 Resp: 1968786

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.0
65	25.7	21.0	31.4
92	18.4	14.8	22.2



ICAL Form

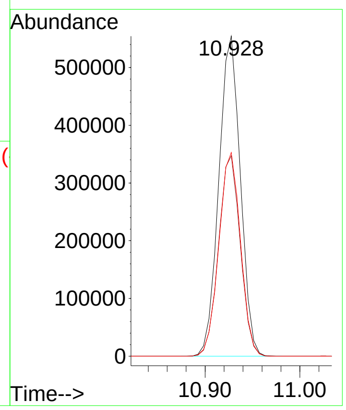
Instrument : BNA_M
ClientSampleId : SSTDICC080

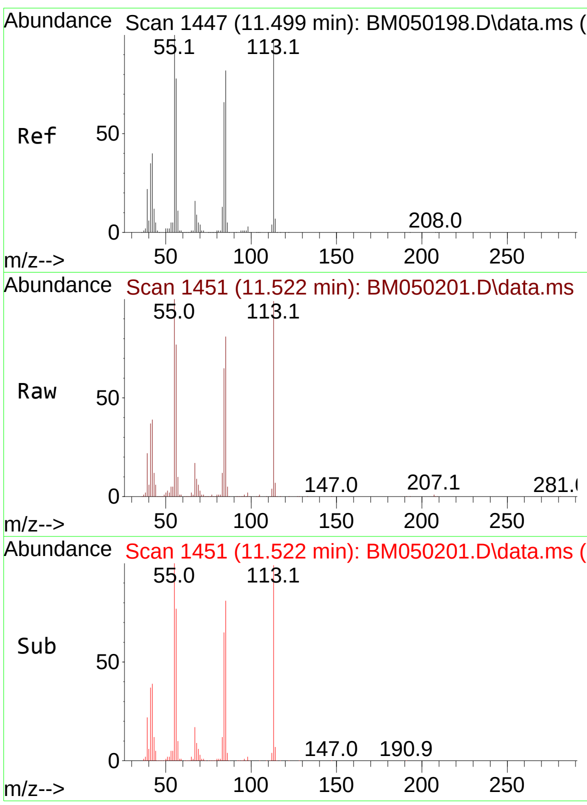


#34
Hexachlorobutadiene
Concen: 79.043 ng
RT: 10.928 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:225 Resp: 876137

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	63.7	51.0	76.4

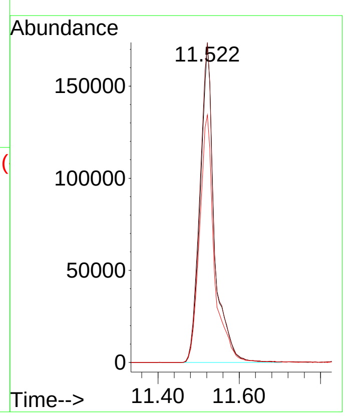




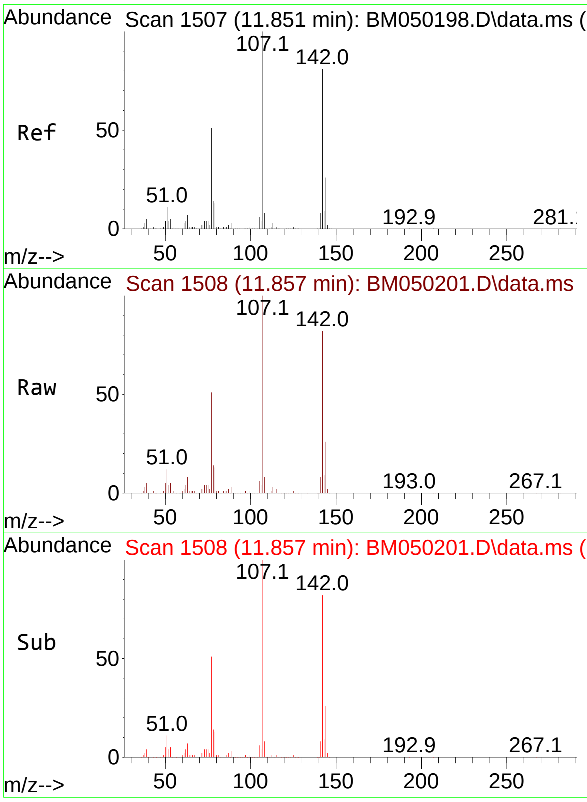
#35
Caprolactam
Concen: 78.683 ng
RT: 11.522 min Scan# 1451
Delta R.T. 0.023 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:113 Resp: 417728

Ion	Ratio	Lower	Upper
113	100		
55	100.6	83.5	123.5
56	77.8	60.6	100.6



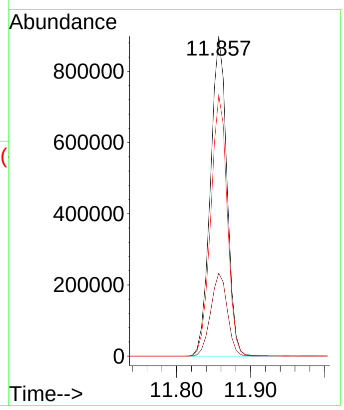
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

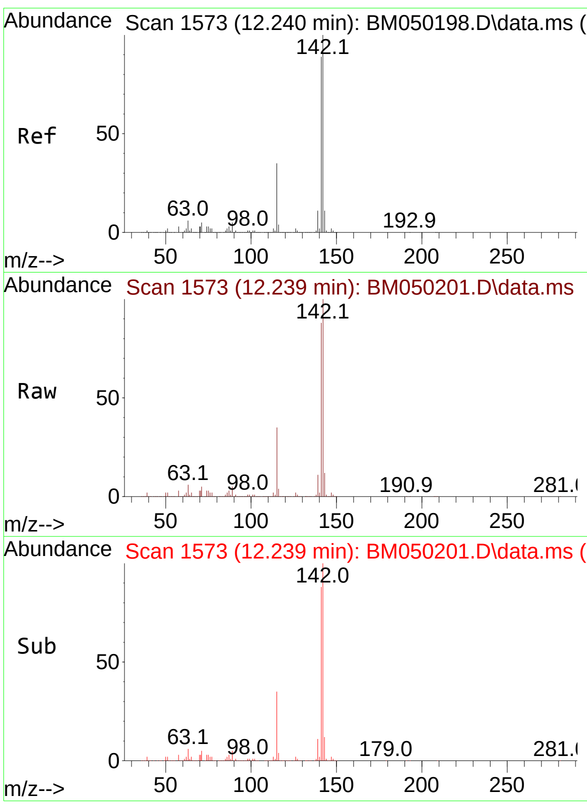


#36
4-Chloro-3-methylphenol
Concen: 77.985 ng
RT: 11.857 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:107 Resp: 1393503

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.0	31.6
142	81.5	64.8	97.2

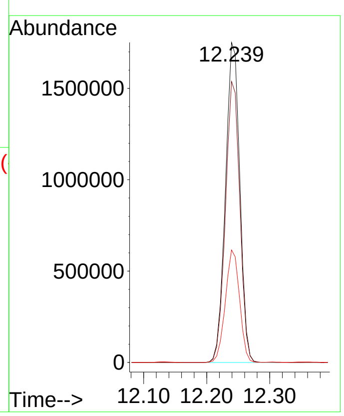




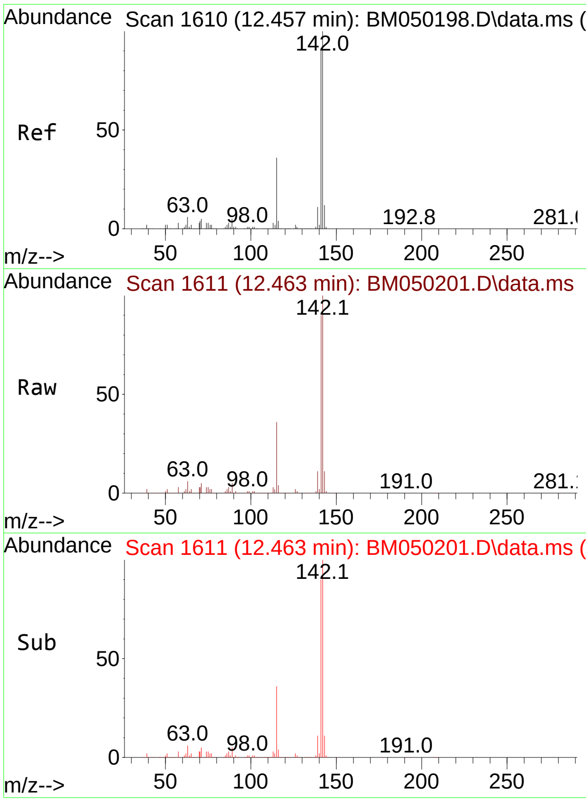
#37
2-Methylnaphthalene
Concen: 76.205 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:142 Resp: 2773230

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.5	107.3
115	35.1	27.8	41.8



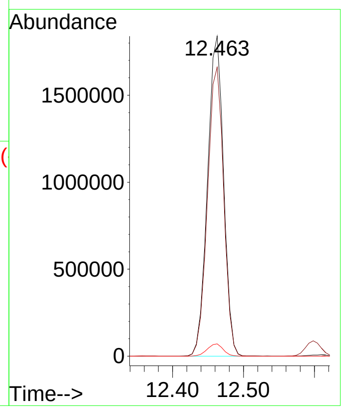
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

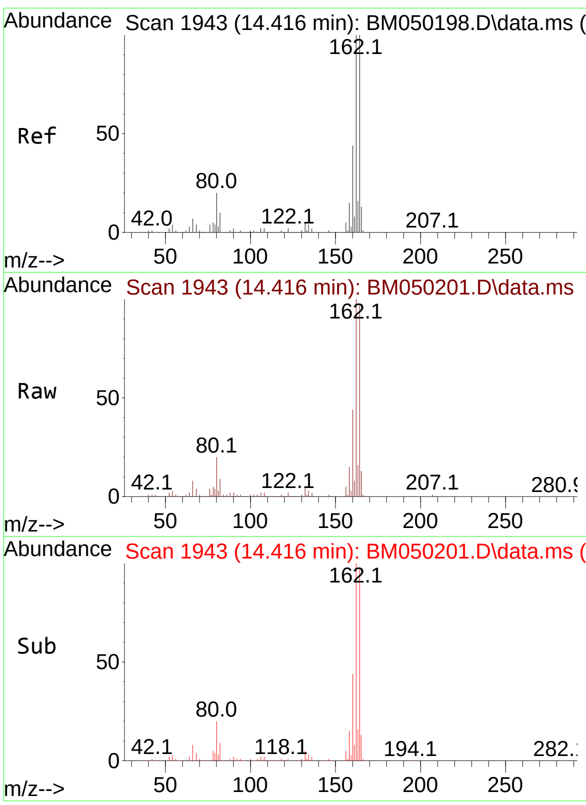


#38
1-Methylnaphthalene
Concen: 75.179 ng
RT: 12.463 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:142 Resp: 2903763

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.9	109.3
116	3.8	3.0	4.6

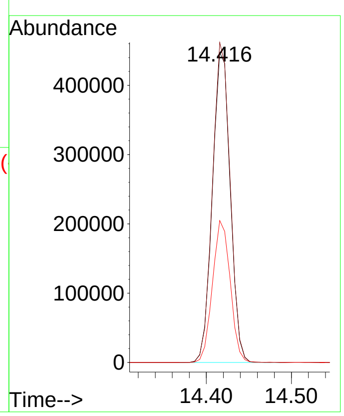


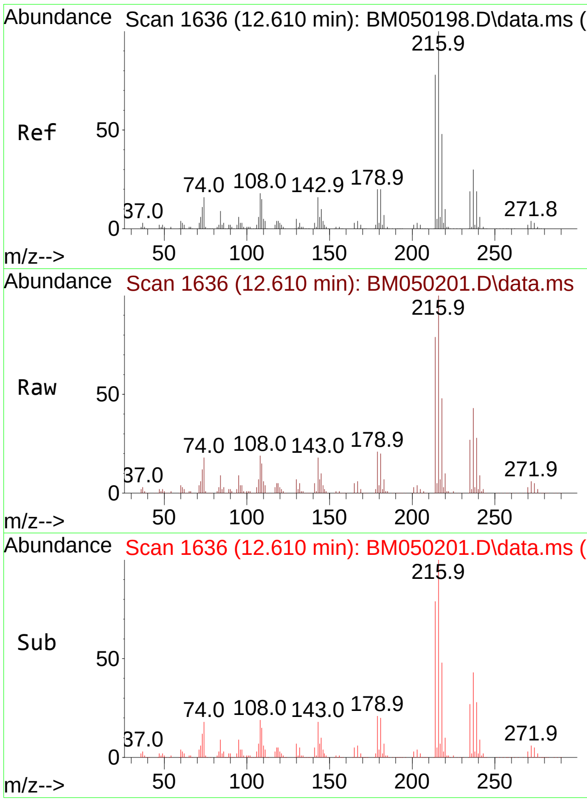


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:164 Resp: 653677

Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.2	120.4
160	45.8	35.7	53.5





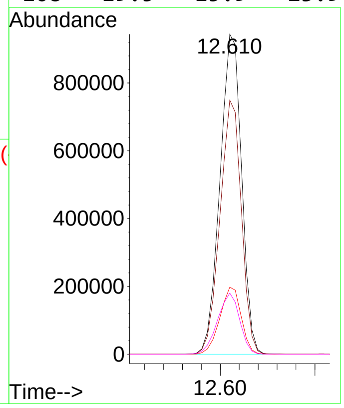
#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.455 ng
RT: 12.610 min Scan# 1

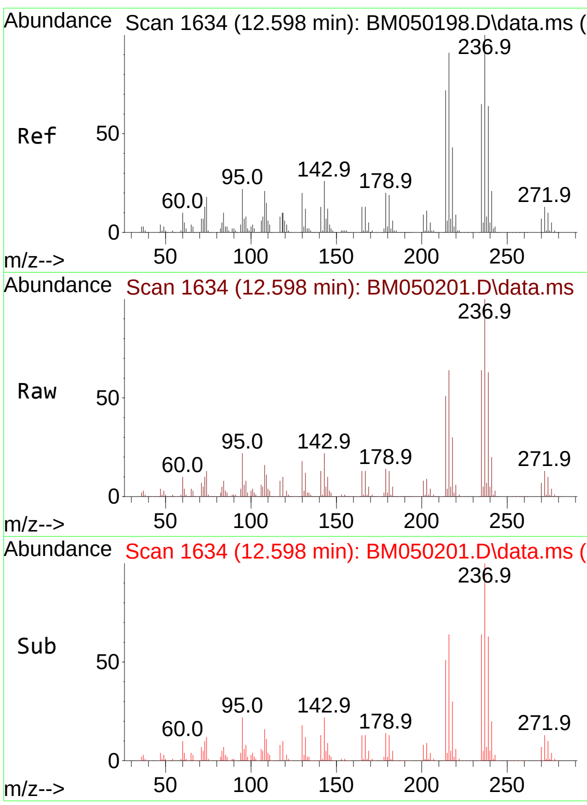
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:216 Resp: 1499750

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	20.7	16.6	25.0
108	19.5	15.9	23.9

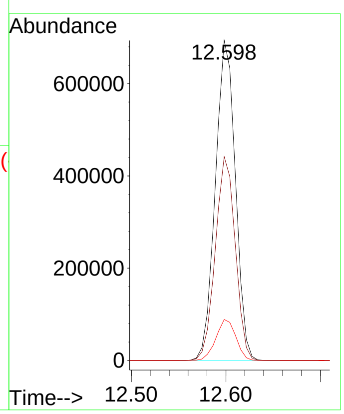




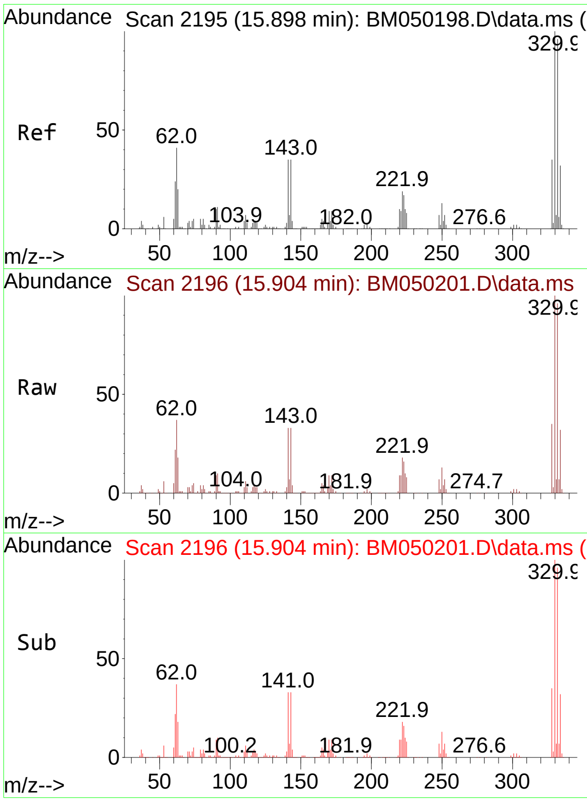
#41
Hexachlorocyclopentadiene
Concen: 89.378 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:237 Resp: 1024557

Ion	Ratio	Lower	Upper
237	100		
235	63.7	44.6	84.6
272	12.8	0.0	33.1



ICAL Form

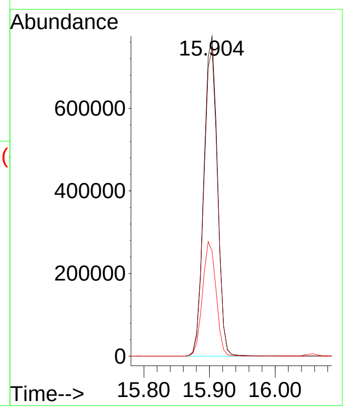


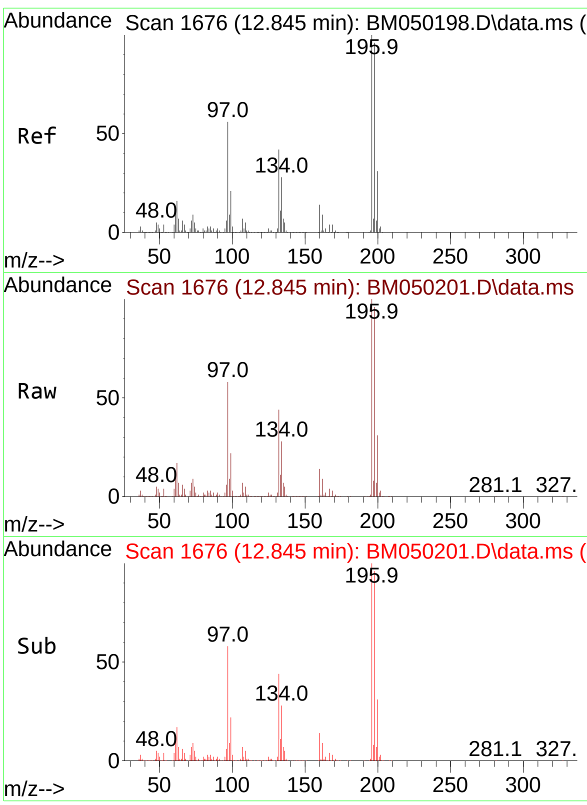
#42
2,4,6-Tribromophenol
Concen: 150.796 ng
RT: 15.904 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:330 Resp: 1121188

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	35.7	28.8	43.2

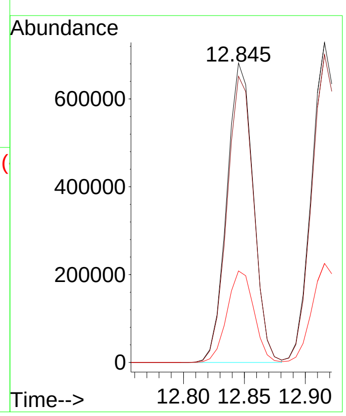




#43
2,4,6-Trichlorophenol
Concen: 83.443 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

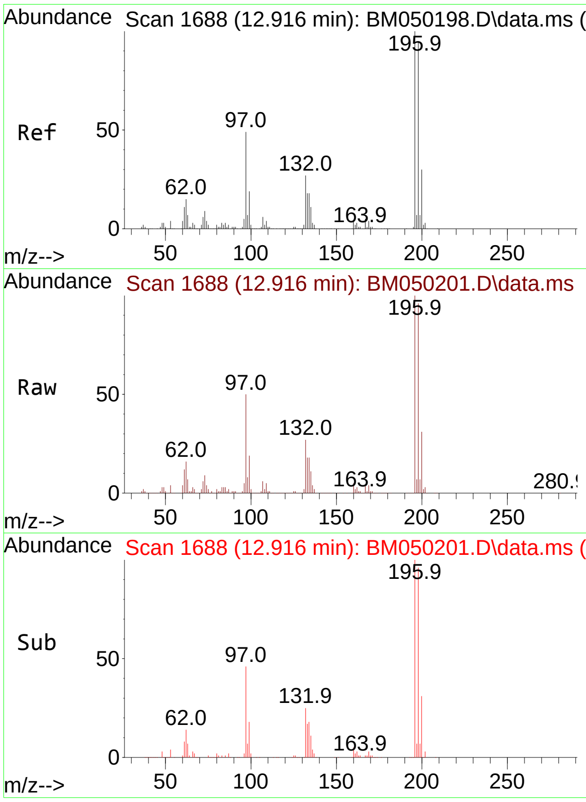
Tgt Ion:196 Resp: 1035769

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.6	115.0
200	30.6	24.5	36.7



ICAL Form

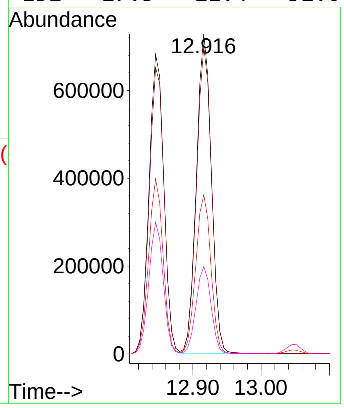
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

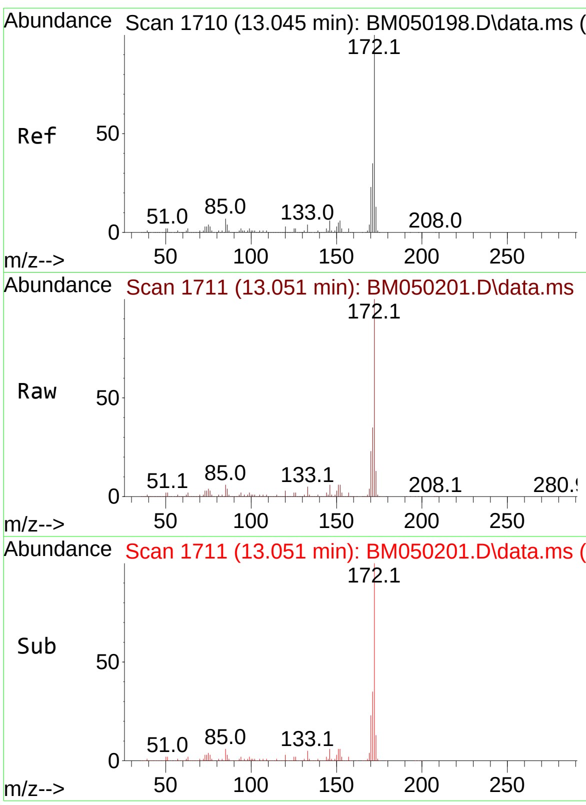


#44
2,4,5-Trichlorophenol
Concen: 82.394 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:196 Resp: 1122919

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.1	114.1
97	49.8	39.3	58.9
132	27.3	21.4	32.0

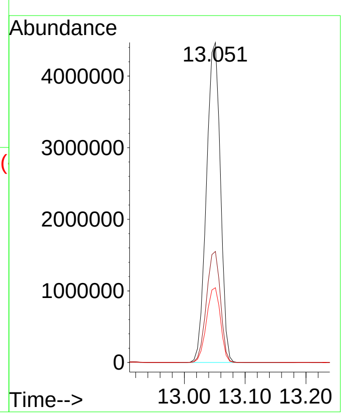




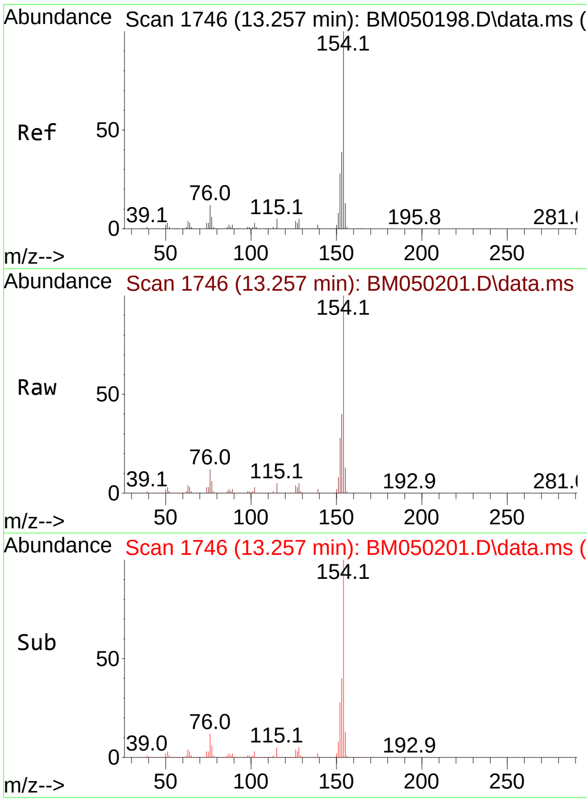
#45
2-Fluorobiphenyl
Concen: 147.690 ng
RT: 13.051 min Scan# 1711
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:172 Resp: 7130886

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.4	18.6	27.8



ICAL Form

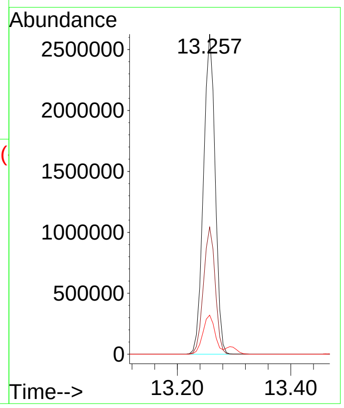


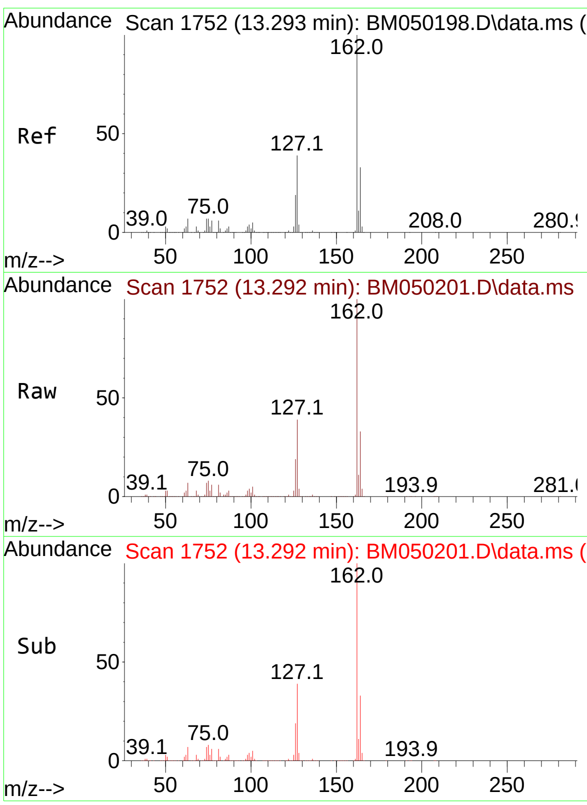
#46
1,1'-Biphenyl
Concen: 76.752 ng
RT: 13.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 3756723

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.2	59.2
76	12.2	0.0	32.0

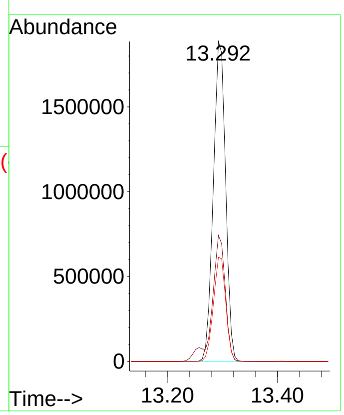




#47
2-Chloronaphthalene
Concen: 77.180 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

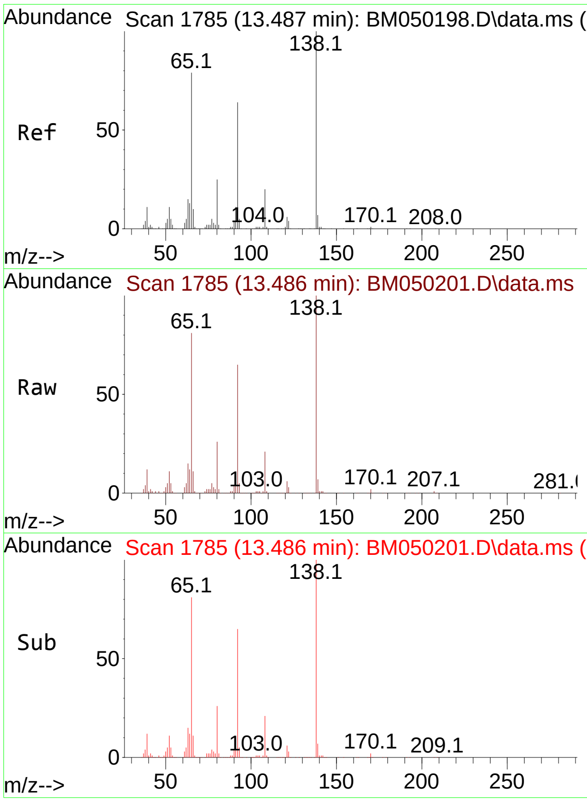
Tgt Ion:162 Resp: 2936913

Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.1	46.7
164	32.6	26.5	39.7



ICAL Form

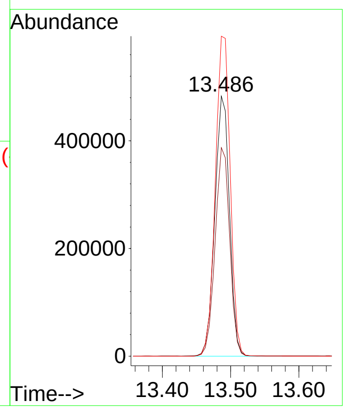
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

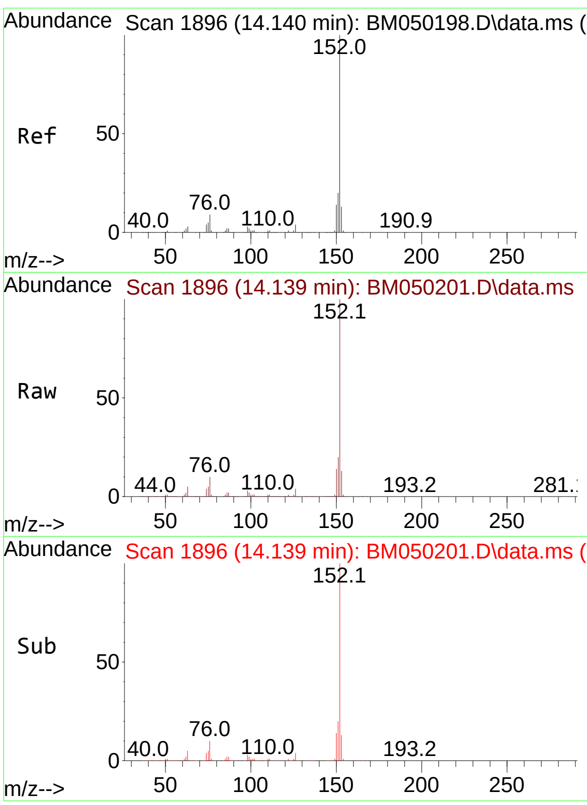


#48
2-Nitroaniline
Concen: 86.588 ng
RT: 13.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 65 Resp: 725090

Ion	Ratio	Lower	Upper
65	100		
92	80.2	64.2	96.4
138	123.1	101.0	151.4

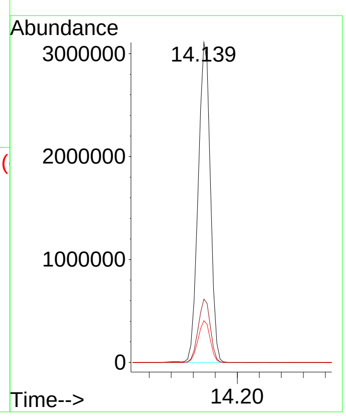




#49
Acenaphthylene
Concen: 77.481 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

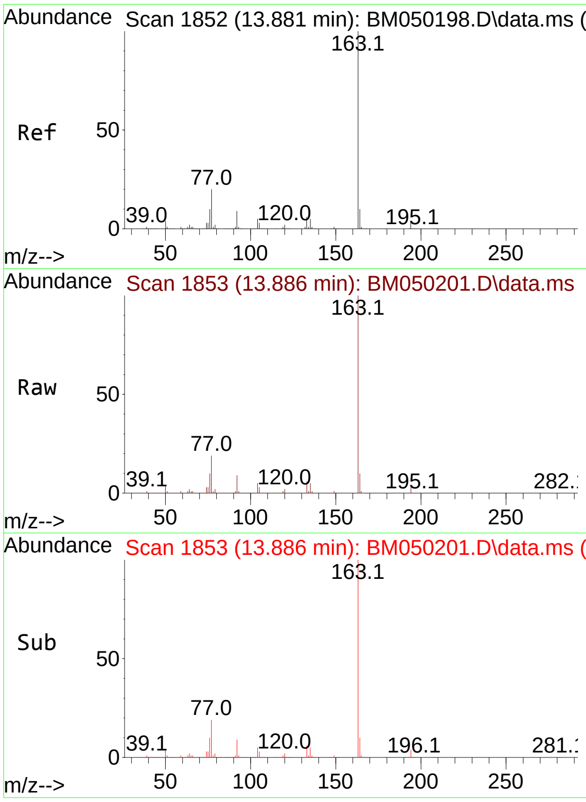
Tgt Ion:152 Resp: 4768813

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.0	10.4	15.6



ICAL Form

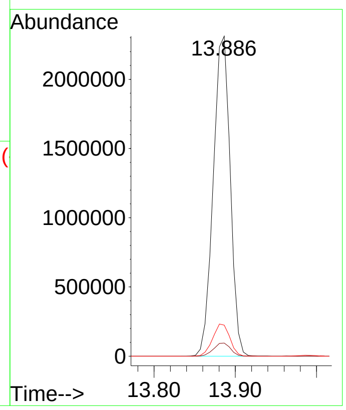
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

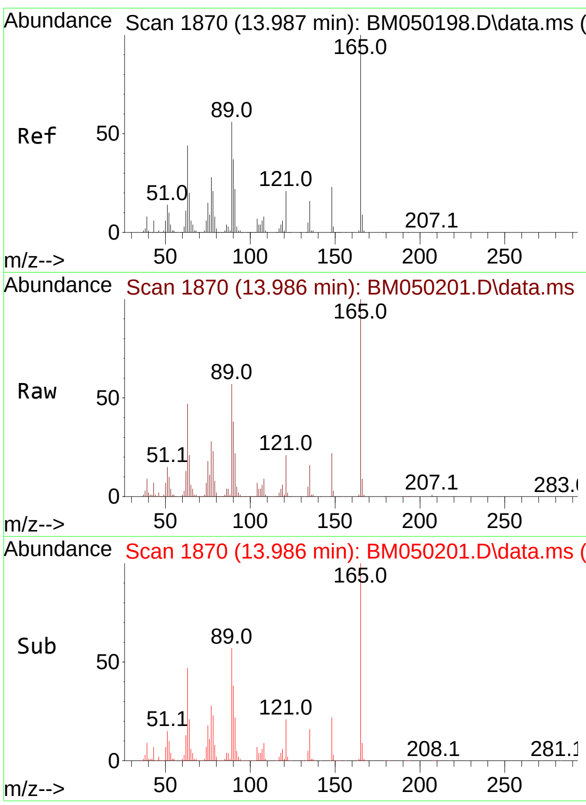


#50
Dimethylphthalate
Concen: 75.915 ng
RT: 13.886 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:163 Resp: 3356061

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.7	7.9	11.9

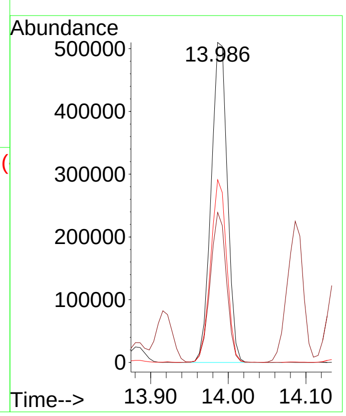




#51
2,6-Dinitrotoluene
Concen: 83.403 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

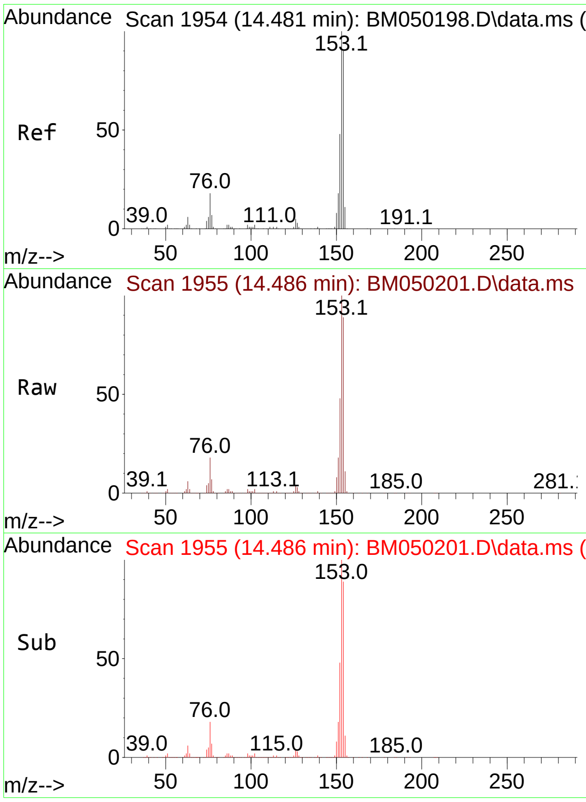
Tgt Ion:165 Resp: 743566

Ion	Ratio	Lower	Upper
165	100		
63	46.9	35.8	53.6
89	57.1	44.8	67.2



ICAL Form

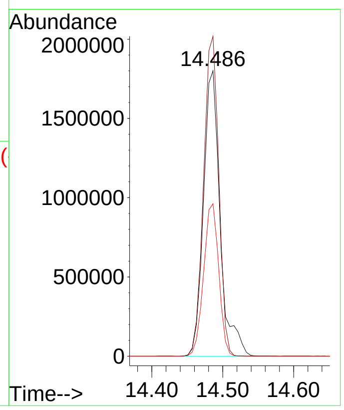
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

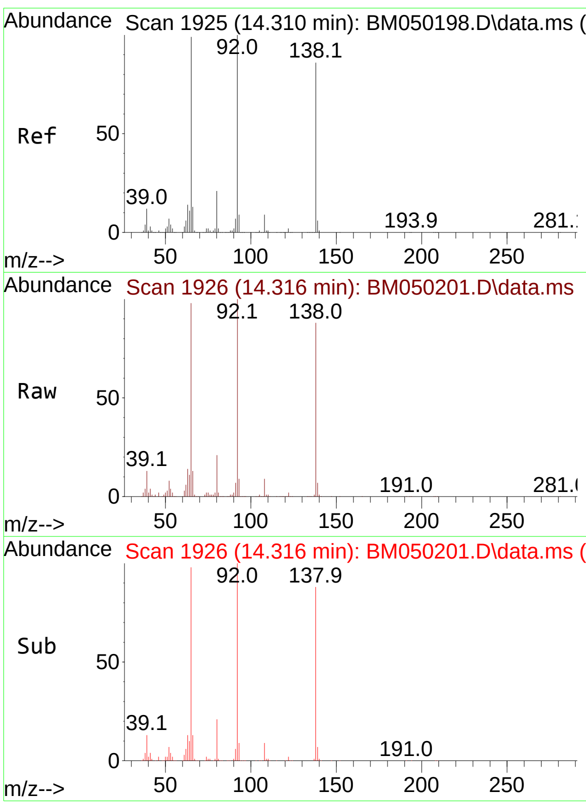


#52
Acenaphthene
Concen: 76.514 ng
RT: 14.486 min Scan# 19
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:154 Resp: 2945563

Ion	Ratio	Lower	Upper
154	100		
153	112.1	88.7	133.1
152	53.4	42.6	63.8

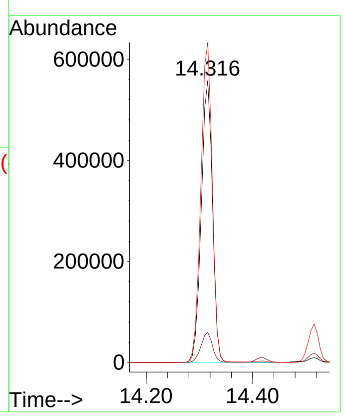




#53
3-Nitroaniline
Concen: 82.536 ng
RT: 14.316 min Scan# 1926
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

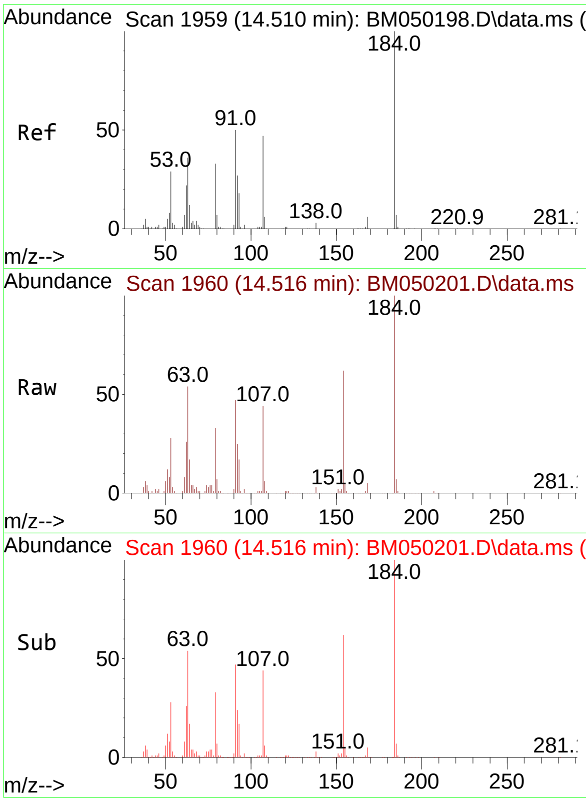
Tgt Ion:138 Resp: 820084

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.8	13.2
92	113.5	92.9	139.3



ICAL Form

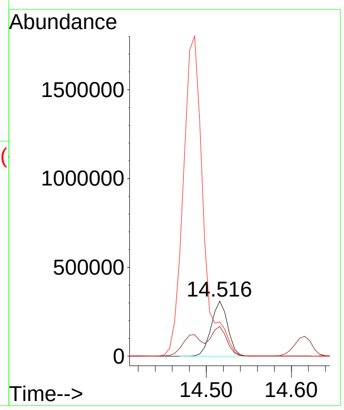
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

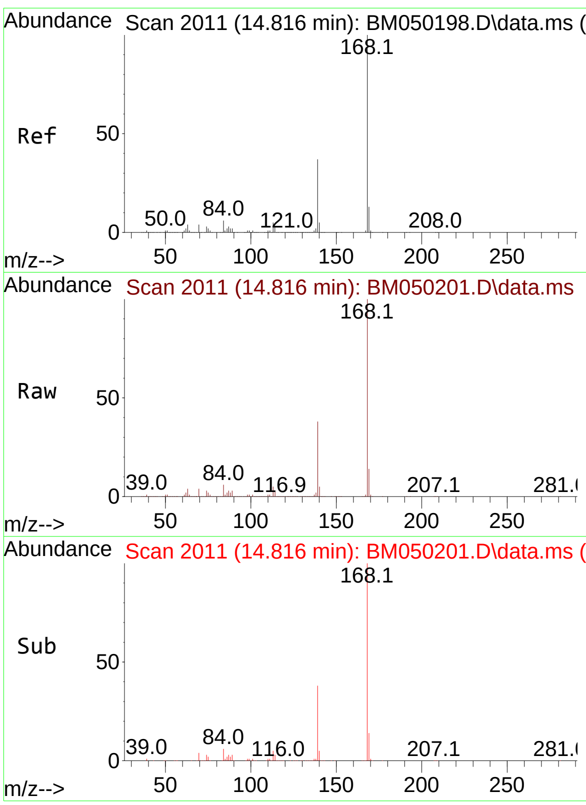


#54
2,4-Dinitrophenol
Concen: 79.818 ng
RT: 14.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:184 Resp: 419557

Ion	Ratio	Lower	Upper
184	100		
63	54.1	45.3	67.9
154	62.3	54.3	81.5

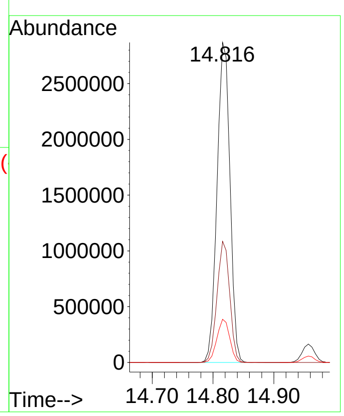




#55
Dibenzofuran
Concen: 75.092 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

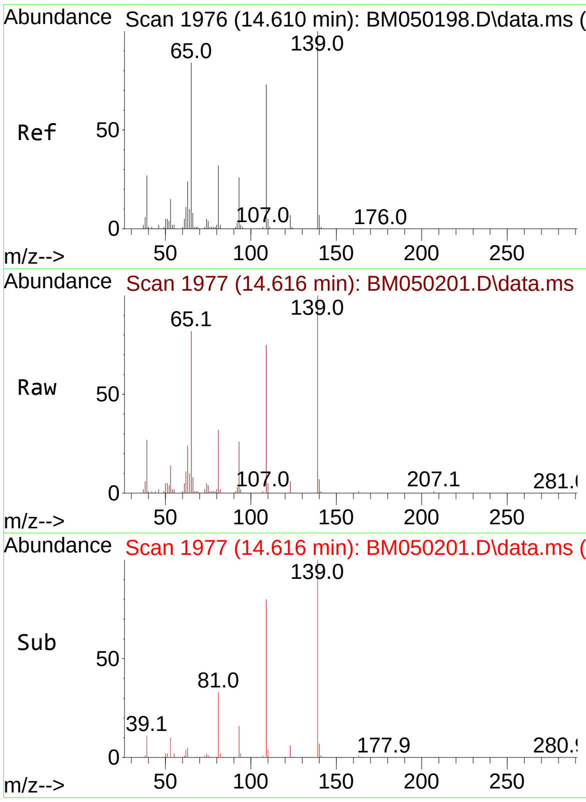
Tgt Ion:168 Resp: 4229270

Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.9	44.9
169	13.5	10.6	16.0



ICAL Form

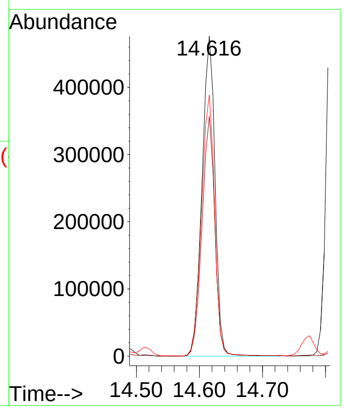
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

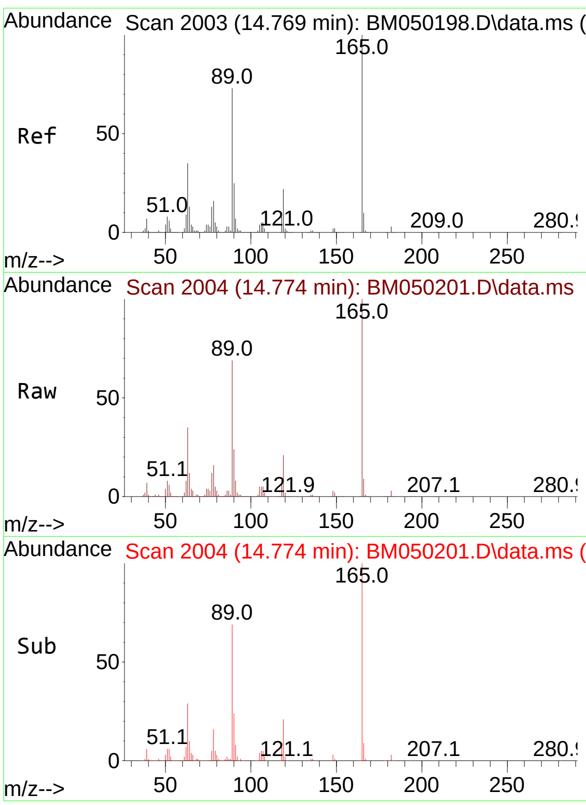


#56
4-Nitrophenol
Concen: 80.978 ng
RT: 14.616 min Scan# 19
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:139 Resp: 684831

Ion	Ratio	Lower	Upper
139	100		
109	74.9	52.6	92.6
65	81.6	64.3	104.3

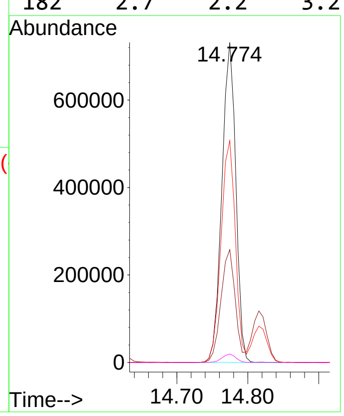




#57
2,4-Dinitrotoluene
Concen: 84.530 ng
RT: 14.774 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:165 Resp: 994115

Ion	Ratio	Lower	Upper
165	100		
63	35.3	28.4	42.6
89	69.3	58.0	87.0
182	2.7	2.2	3.2



ICAL Form

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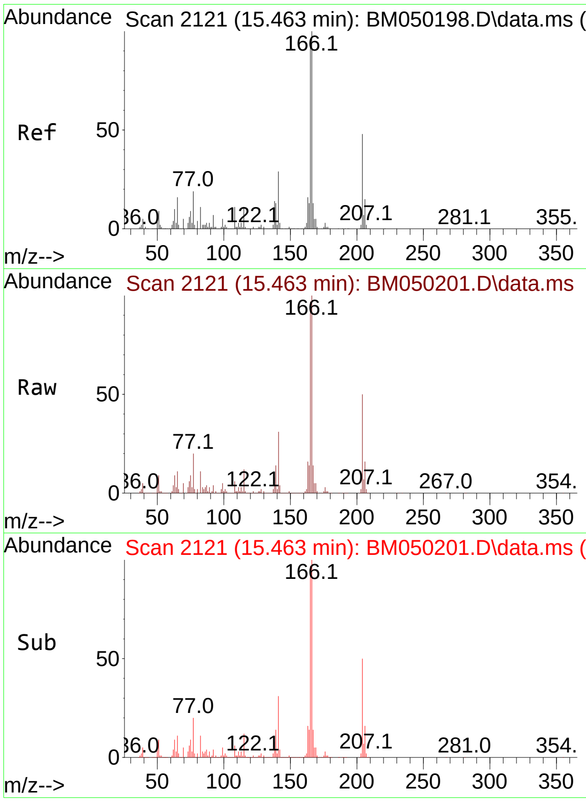
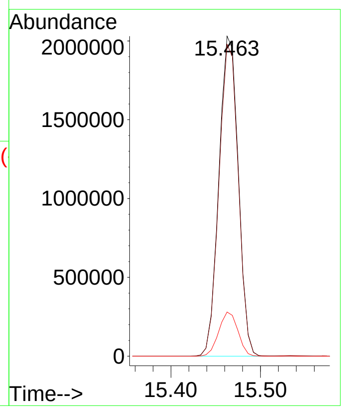
ClientSampleId :
SSTDICC080

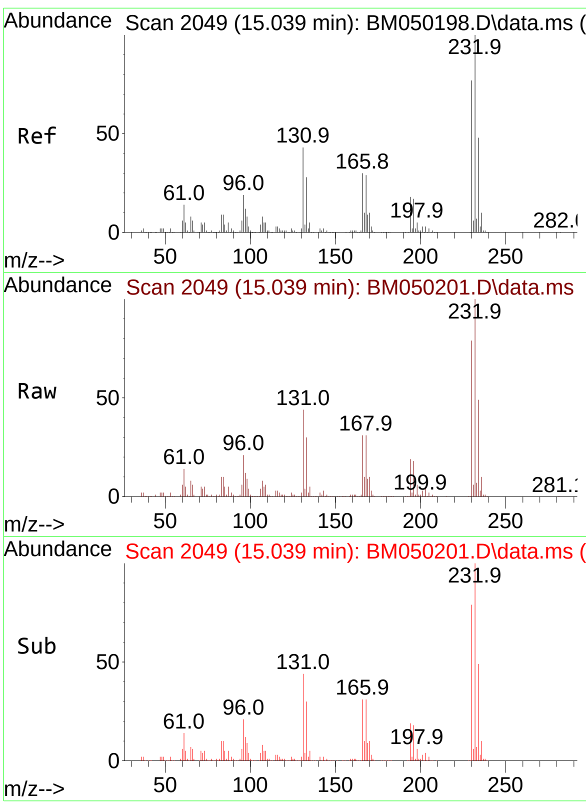


#58
Fluorene
Concen: 70.874 ng
RT: 15.463 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:166 Resp: 3057322

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.0	115.4
167	13.8	10.7	16.1

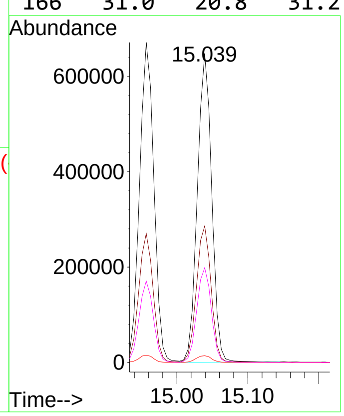




#59
2,3,4,6-Tetrachlorophenol
Concen: 77.626 ng
RT: 15.039 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

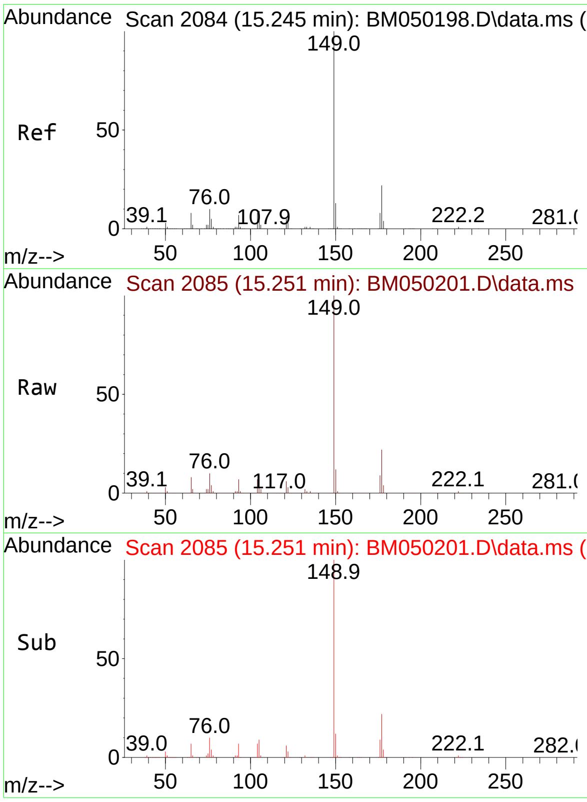
Tgt Ion:232 Resp: 915334

Ion	Ratio	Lower	Upper
232	100		
131	44.8	32.9	49.3
130	2.4	1.8	2.8
166	31.0	20.8	31.2



ICAL Form

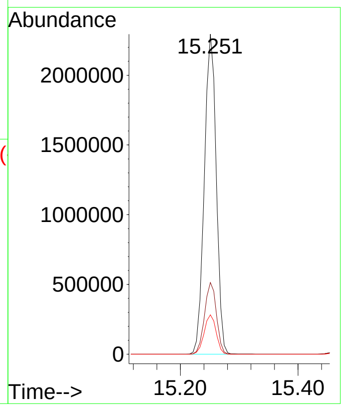
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

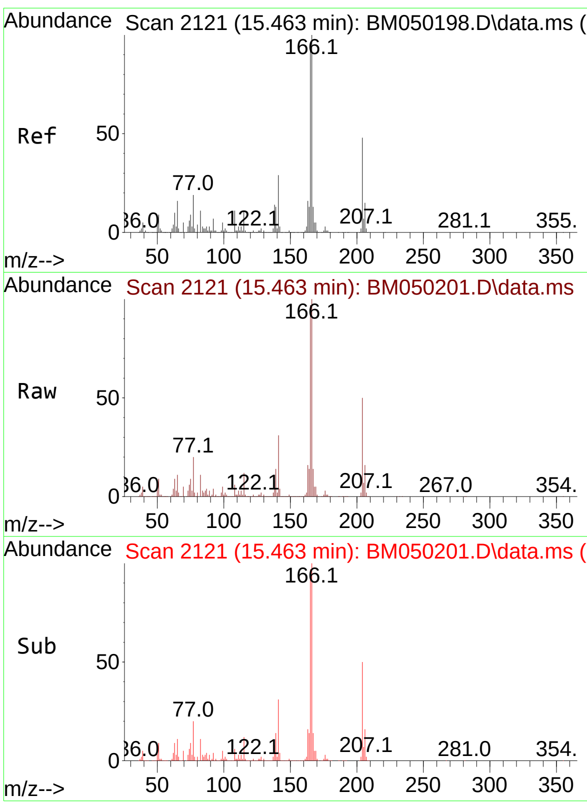


#60
Diethylphthalate
Concen: 73.786 ng
RT: 15.251 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:149 Resp: 3236518

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.2	25.8
150	12.3	10.0	15.0

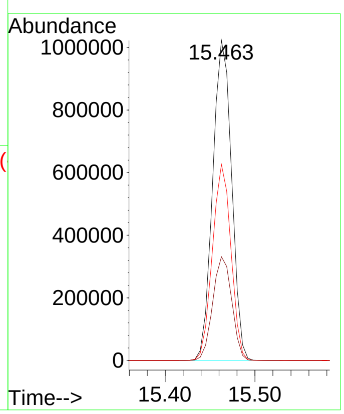




#61
4-Chlorophenyl-phenylether
Concen: 71.823 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

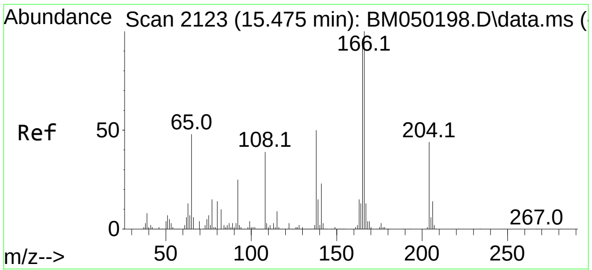
Tgt Ion:204 Resp: 1497395

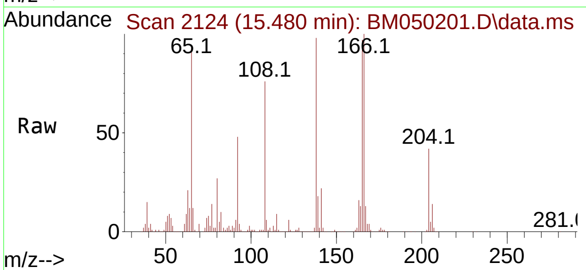
Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.4	38.0
141	61.3	47.9	71.9

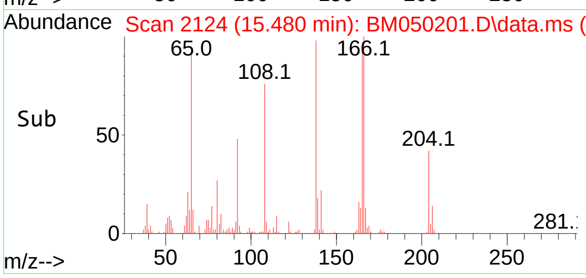


ICAL Form

Instrument :
BNA_M
ClientSampleId :
SSTDICC080



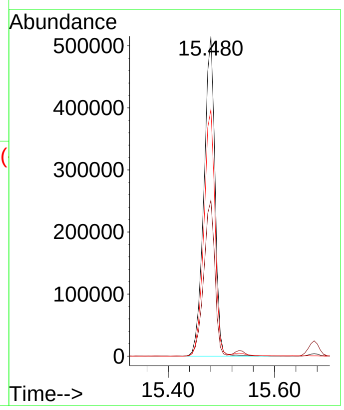


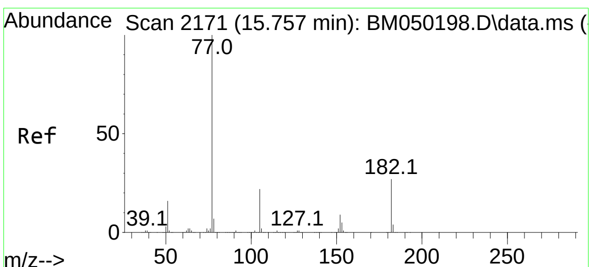


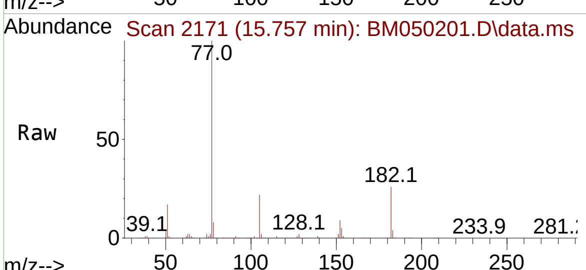
#62
4-Nitroaniline
Concen: 80.153 ng
RT: 15.480 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

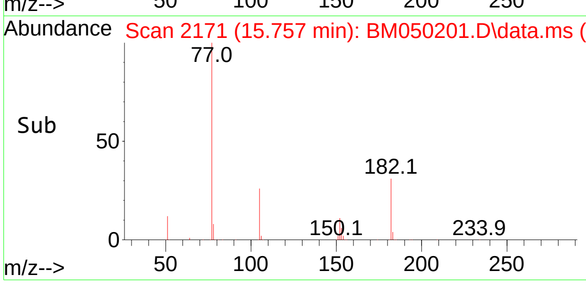
Tgt Ion:138 Resp: 746446

Ion	Ratio	Lower	Upper
138	100		
92	48.8	28.8	68.8
108	77.1	58.1	98.1





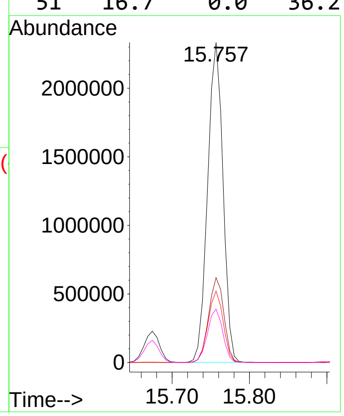




#63
Azobenzene
Concen: 73.375 ng
RT: 15.757 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

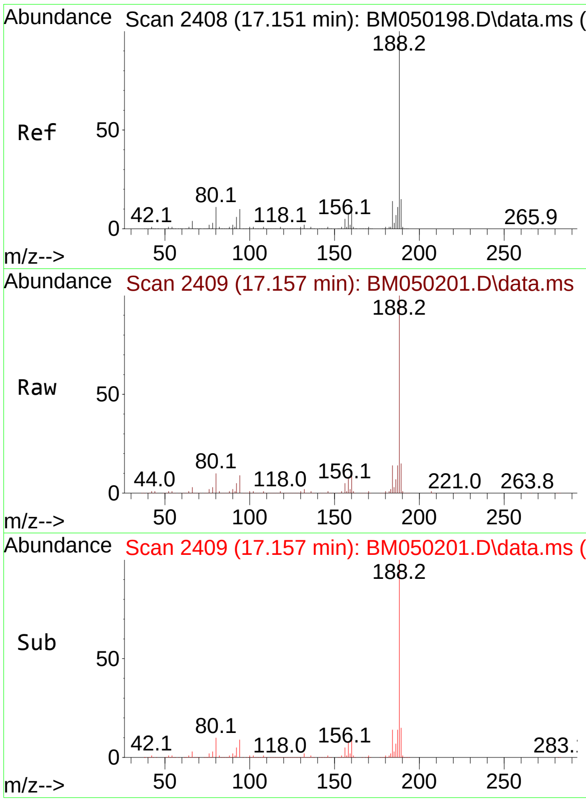
Tgt Ion: 77 Resp: 3216935

Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.8	46.8
105	22.3	1.7	41.7
51	16.7	0.0	36.2



ICAL Form

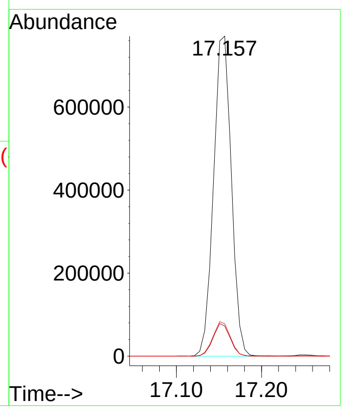
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

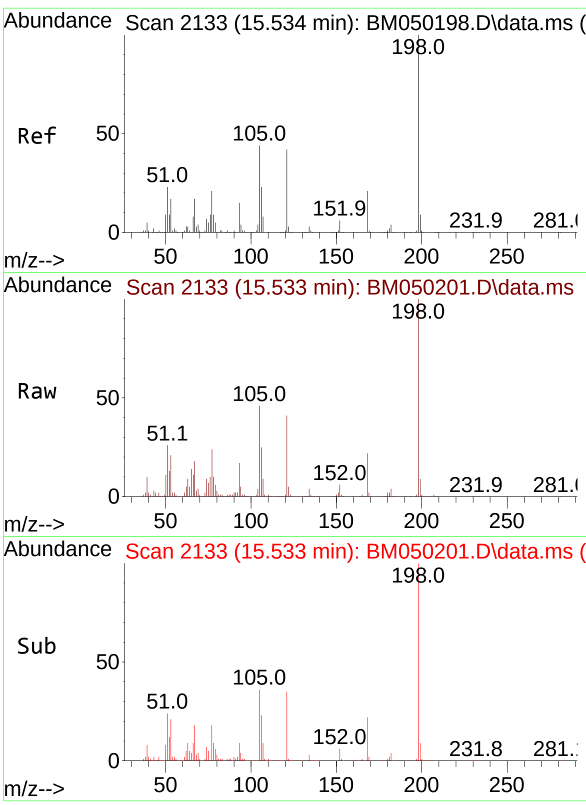


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:188 Resp: 1121619

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.1	12.1
80	10.2	8.6	13.0

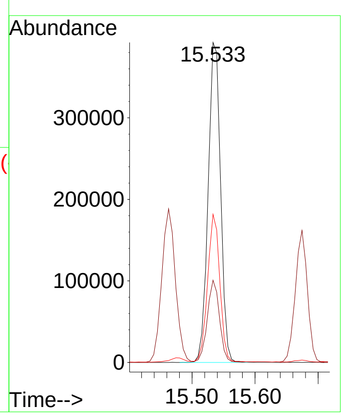




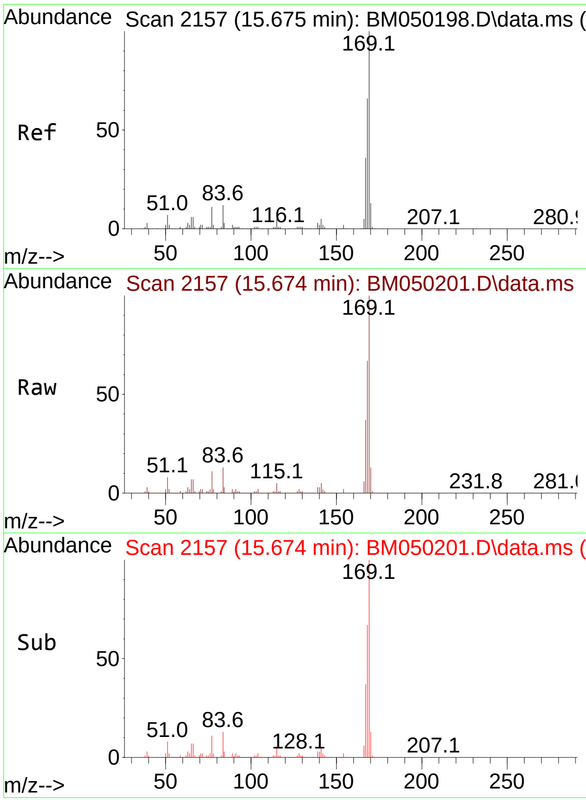
#65
4,6-Dinitro-2-methylphenol
Concen: 88.276 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:198 Resp: 540790

Ion	Ratio	Lower	Upper
198	100		
51	25.7	4.5	44.5
105	46.3	24.9	64.9



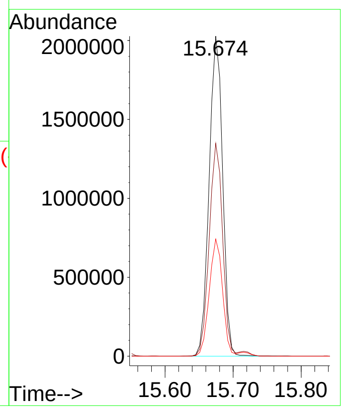
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

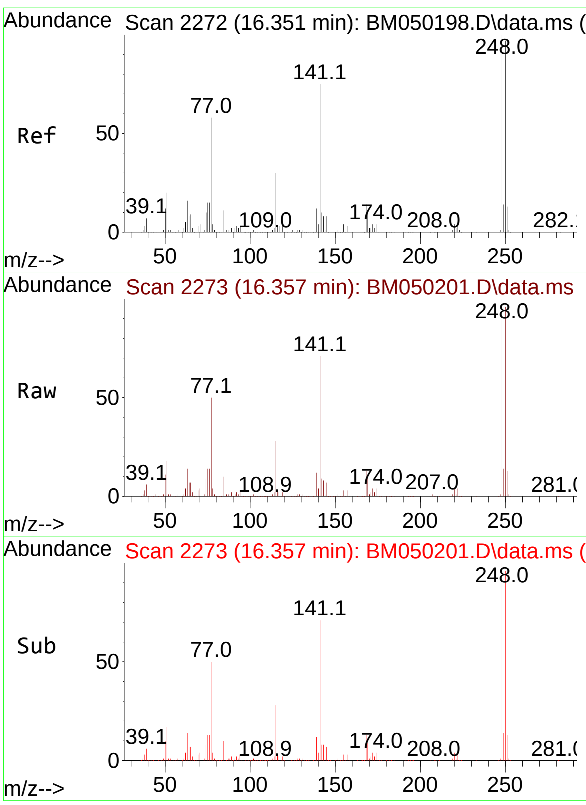


#66
n-Nitrosodiphenylamine
Concen: 79.603 ng
RT: 15.674 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:169 Resp: 2805368

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.1	79.7
167	36.6	29.0	43.6

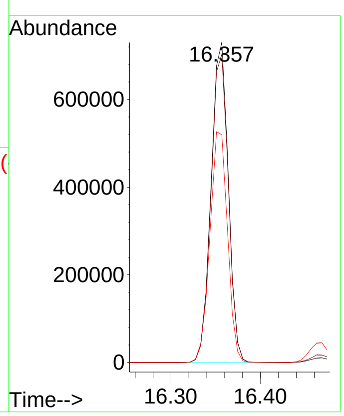




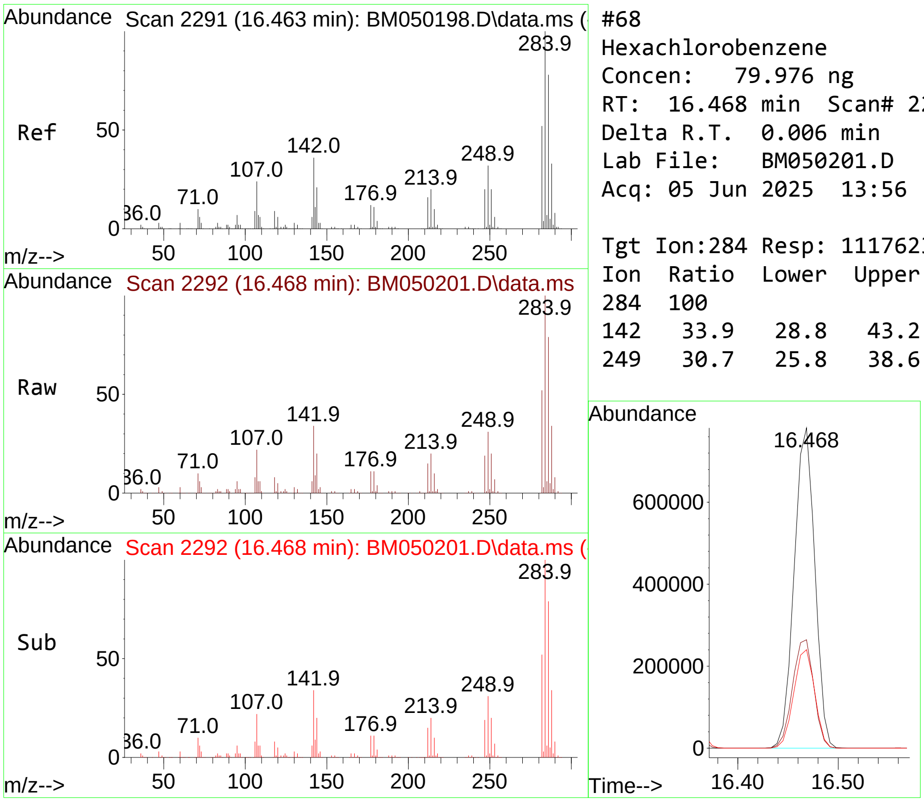
#67
4-Bromophenyl-phenylether
Concen: 81.762 ng
RT: 16.357 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:248 Resp: 977940

Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.0	117.0
141	71.2	60.1	90.1



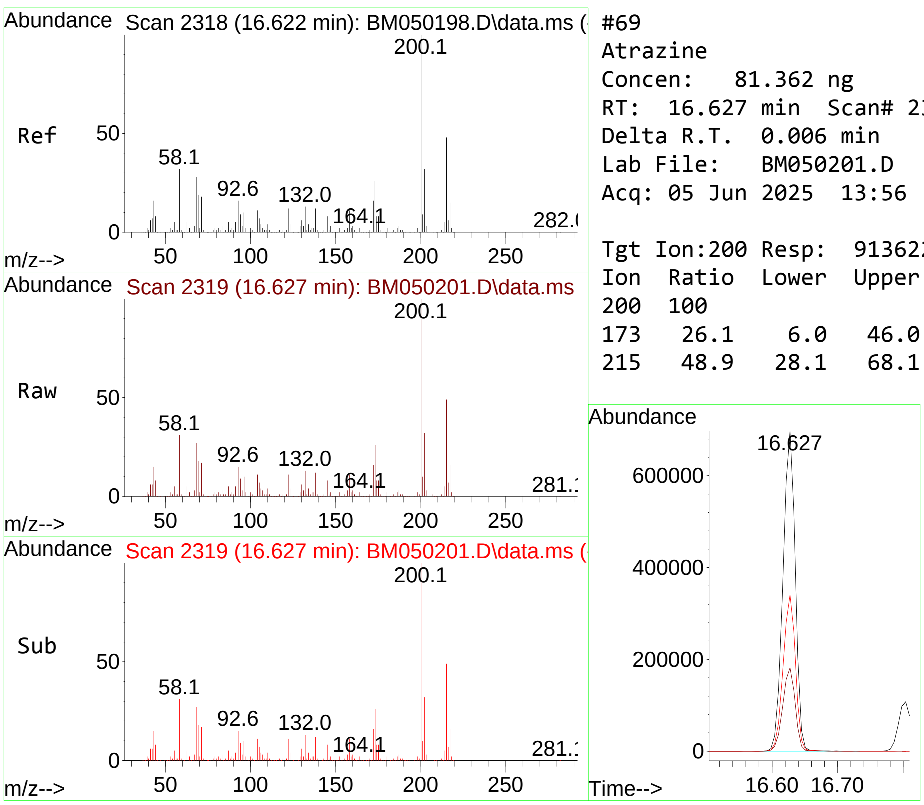
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



#68
Hexachlorobenzene
Concen: 79.976 ng
RT: 16.468 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:284 Resp: 1117623

Ion	Ratio	Lower	Upper
284	100		
142	33.9	28.8	43.2
249	30.7	25.8	38.6

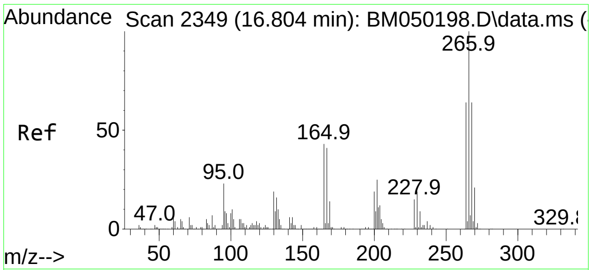


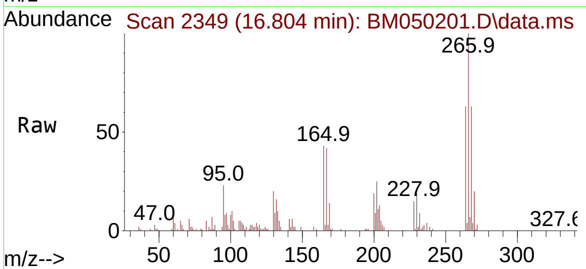
#69
Atrazine
Concen: 81.362 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

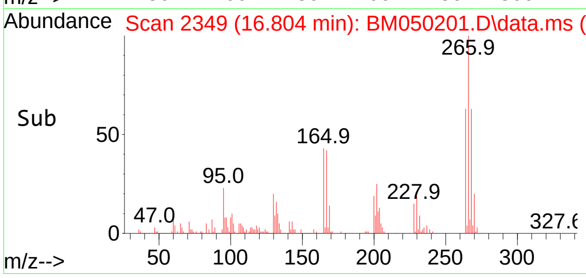
Tgt Ion:200 Resp: 913622

Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.0	46.0
215	48.9	28.1	68.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080



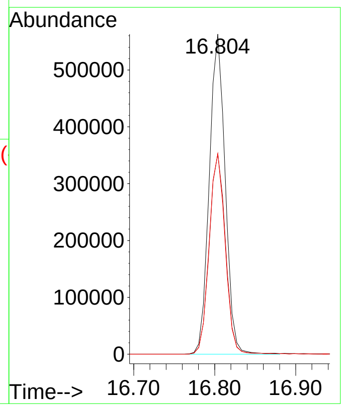


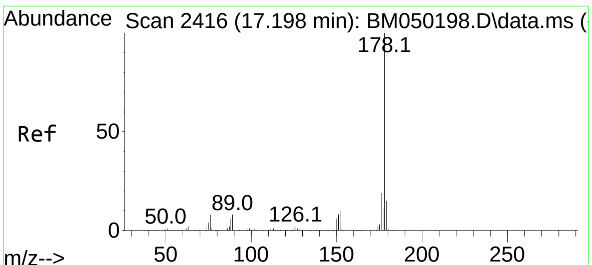


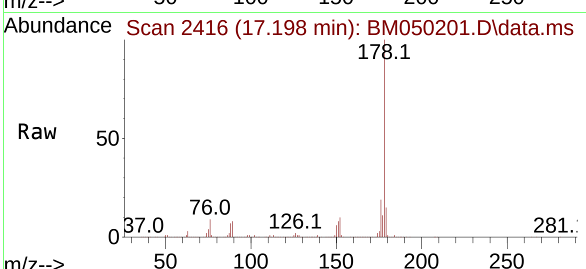
#70
Pentachlorophenol
Concen: 84.374 ng
RT: 16.804 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

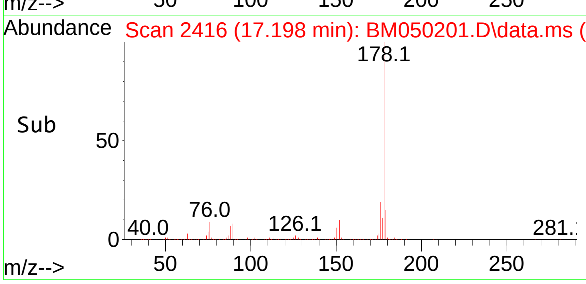
Tgt Ion:266 Resp: 766580

Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.0	76.6
264	62.7	50.8	76.2





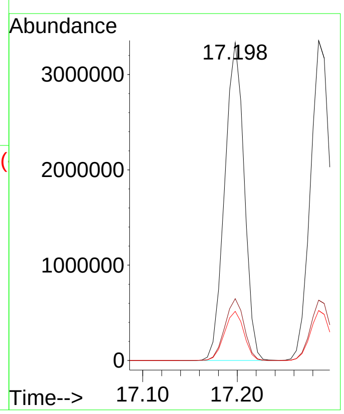




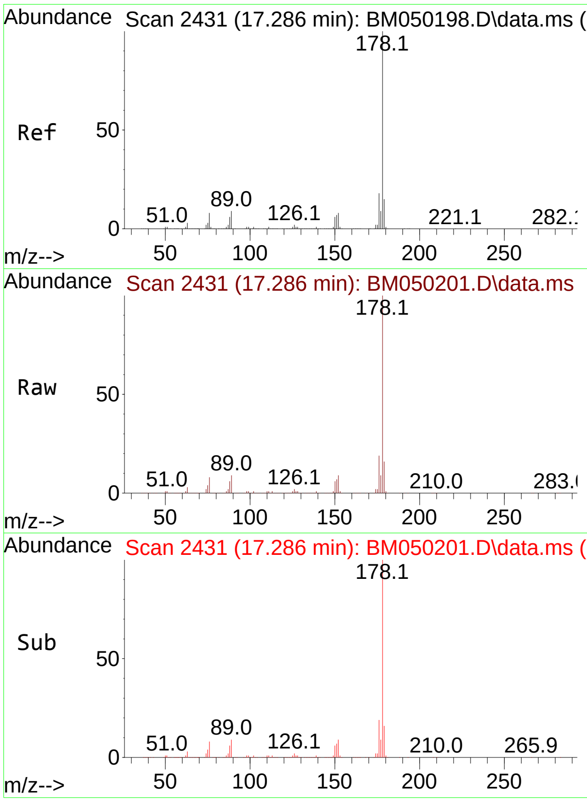
#71
Phenanthrene
Concen: 74.812 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:178 Resp: 4793533

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.5	12.3	18.5



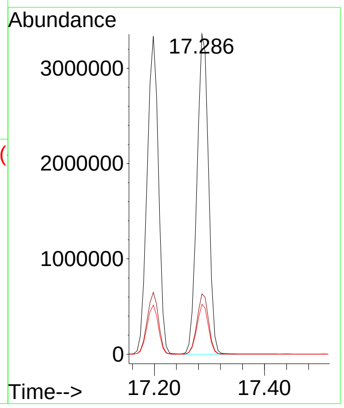
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

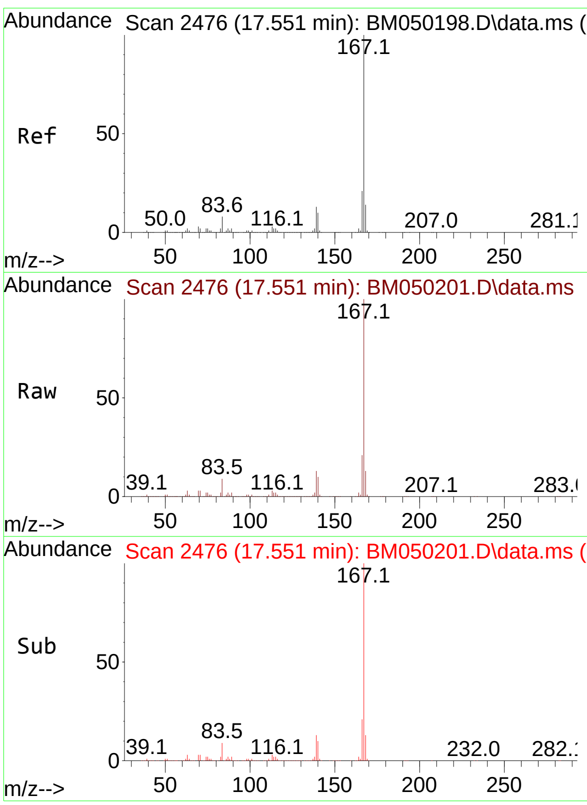


#72
Anthracene
Concen: 76.458 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:178 Resp: 4900912

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.6	12.3	18.5

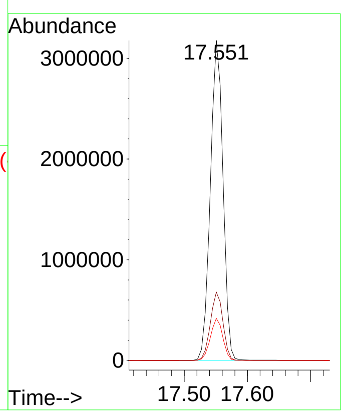




#73
Carbazole
Concen: 75.641 ng
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:167 Resp: 4417127

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.2	10.2	15.4



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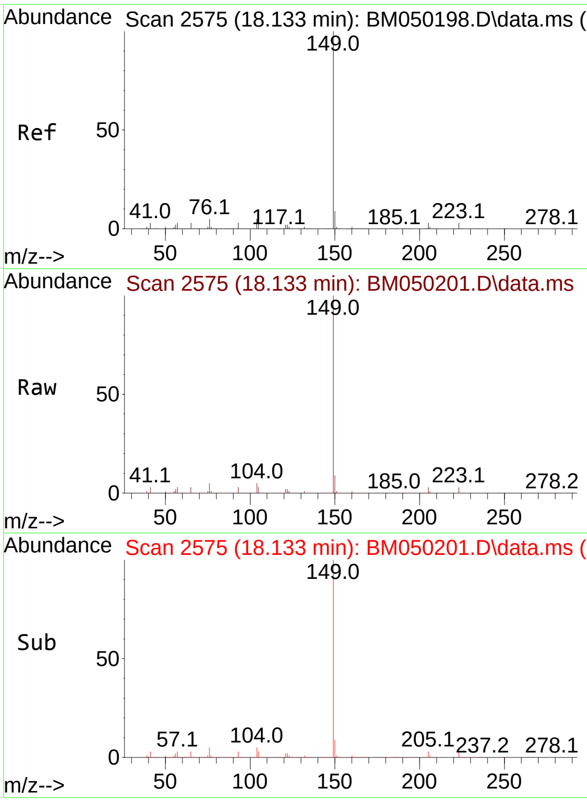
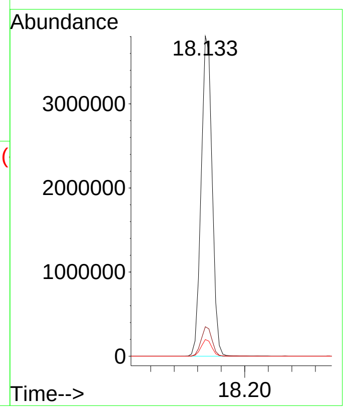


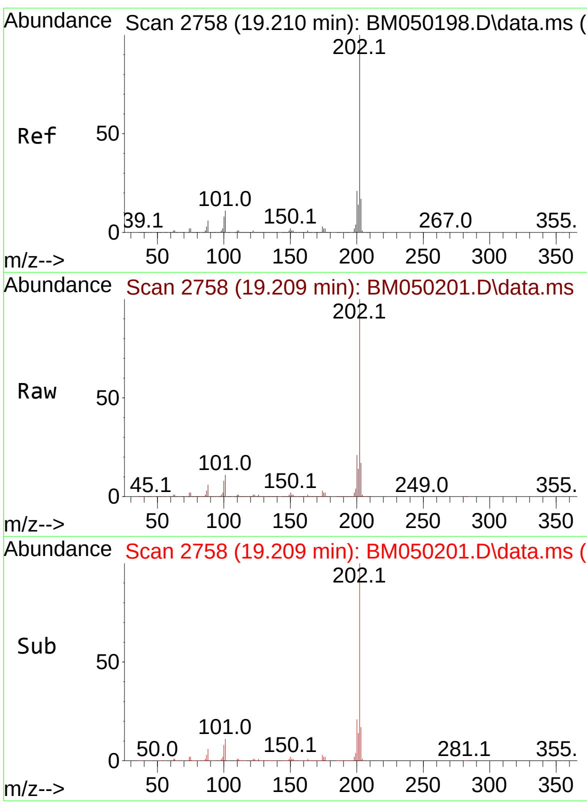
#74
Di-n-butylphthalate
Concen: 77.184 ng
RT: 18.133 min Scan# 2!
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 4904225

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	4.0	6.0

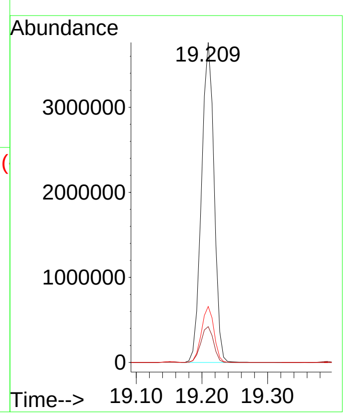




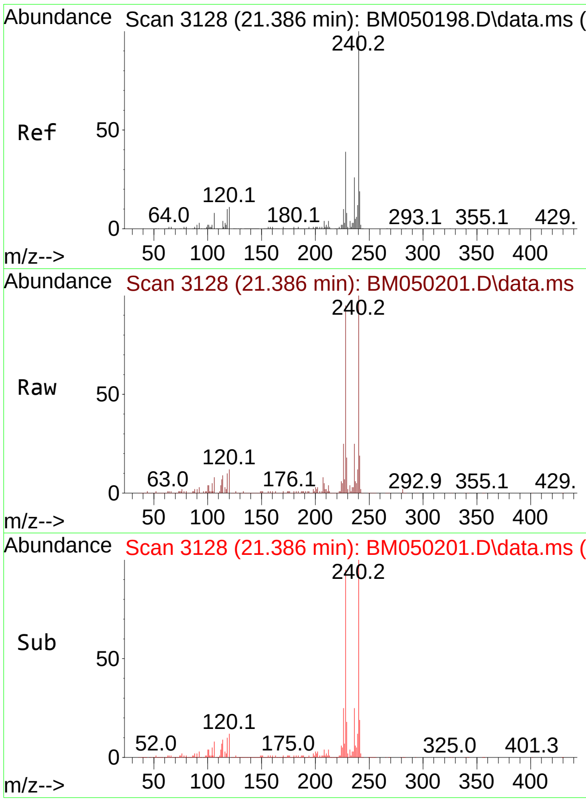
#75
Fluoranthene
Concen: 74.400 ng
RT: 19.209 min Scan# 2758
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:202 Resp: 5027290

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.1
203	17.5	0.0	37.0



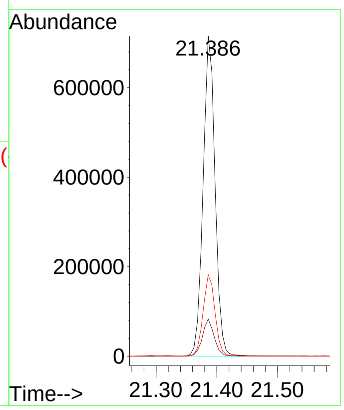
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

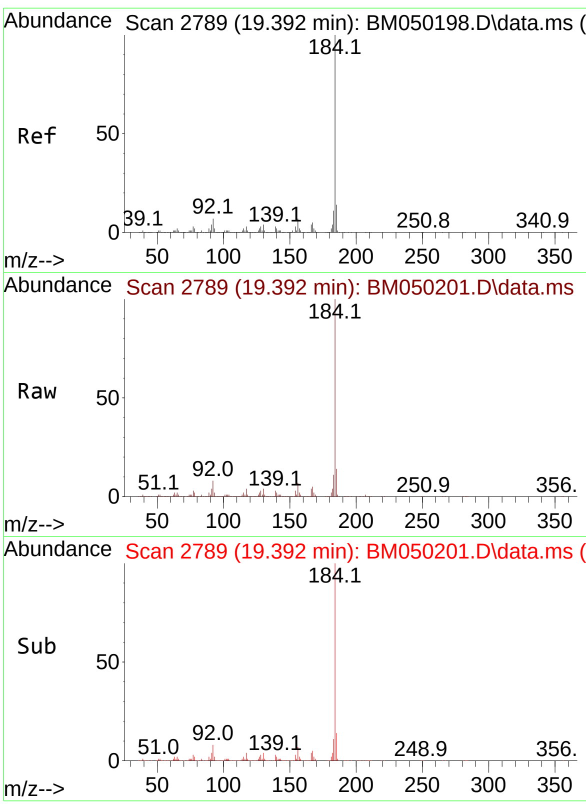


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:240 Resp: 978835

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.4
236	25.5	20.7	31.1

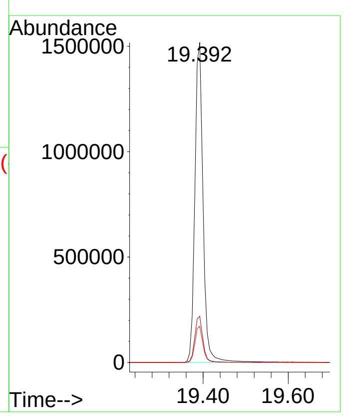




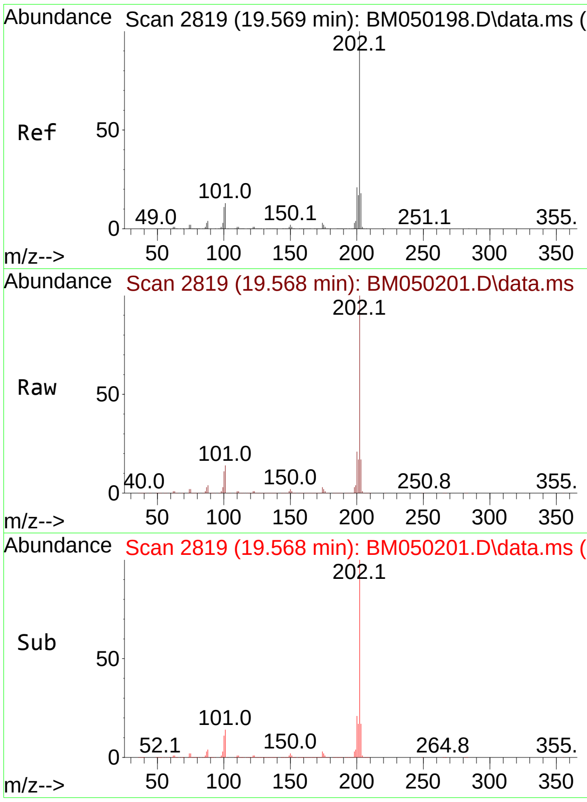
#77
Benzidine
Concen: 73.924 ng
RT: 19.392 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:184 Resp: 2034794

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.5	17.3
183	11.3	9.0	13.4



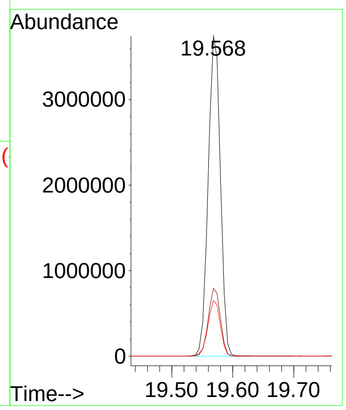
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

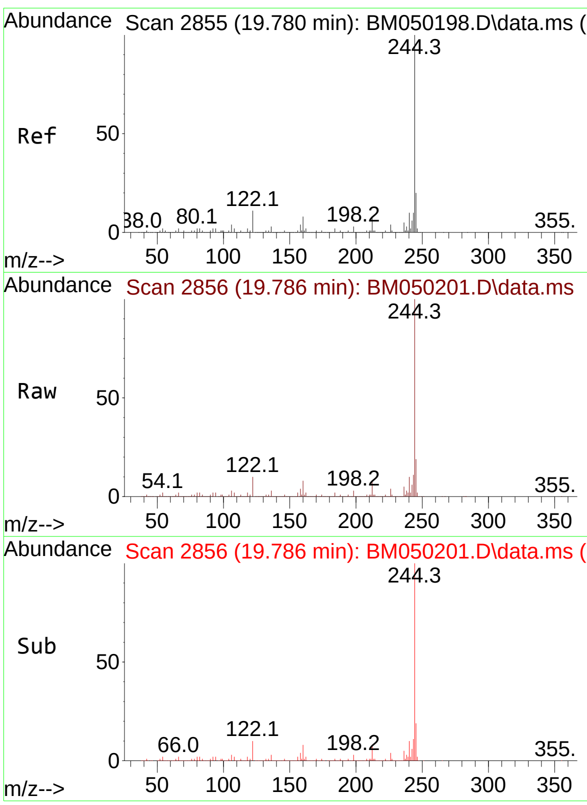


#78
Pyrene
Concen: 79.187 ng
RT: 19.568 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:202 Resp: 5224283

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.4	14.1	21.1

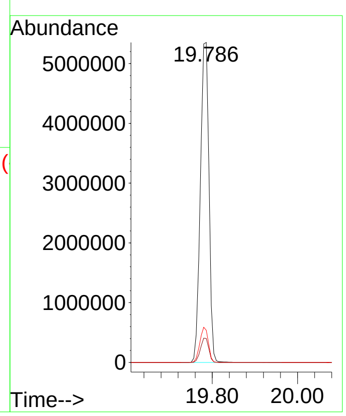




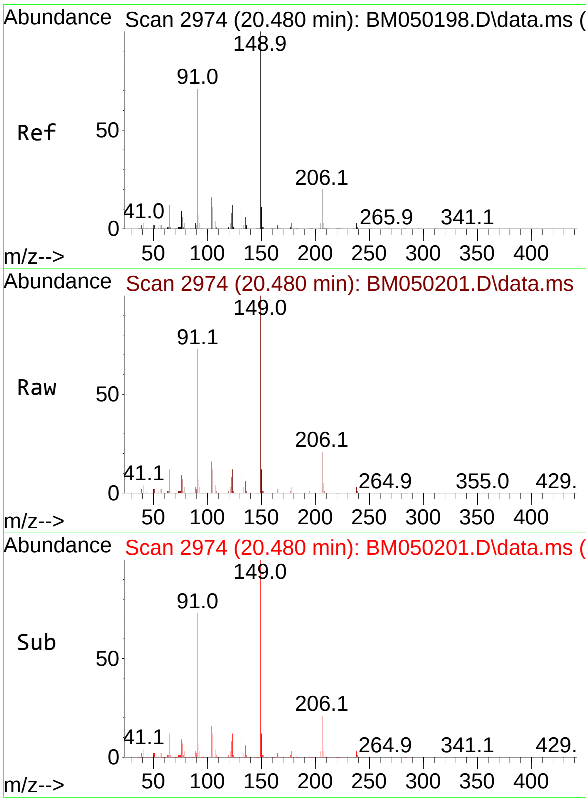
#79
Terphenyl-d14
Concen: 145.128 ng
RT: 19.786 min Scan# 2856
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:244 Resp: 7496313

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.0	8.6	12.8



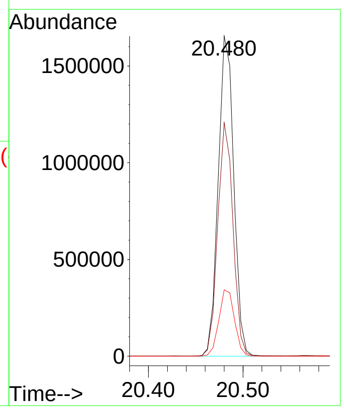
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

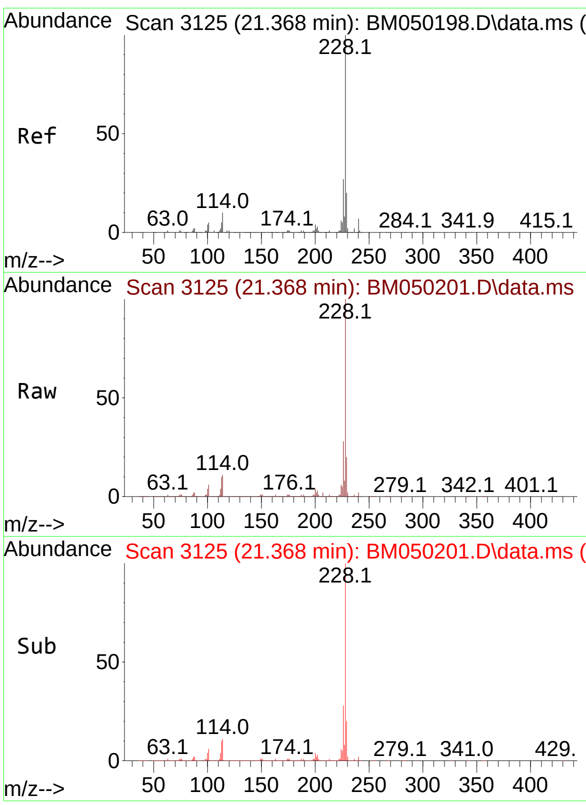


#80
Butylbenzylphthalate
Concen: 86.212 ng
RT: 20.480 min Scan# 2
Delta R.T.   -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025   13:56

Tgt Ion:149 Resp: 1897236

Ion	Ratio	Lower	Upper
149	100		
91	72.9	56.9	85.3
206	20.7	16.1	24.1

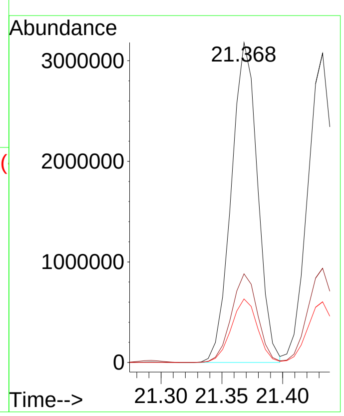




#81
Benzo(a)anthracene
Concen: 77.435 ng
RT: 21.368 min Scan# 3125
Delta R.T.   -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025   13:56

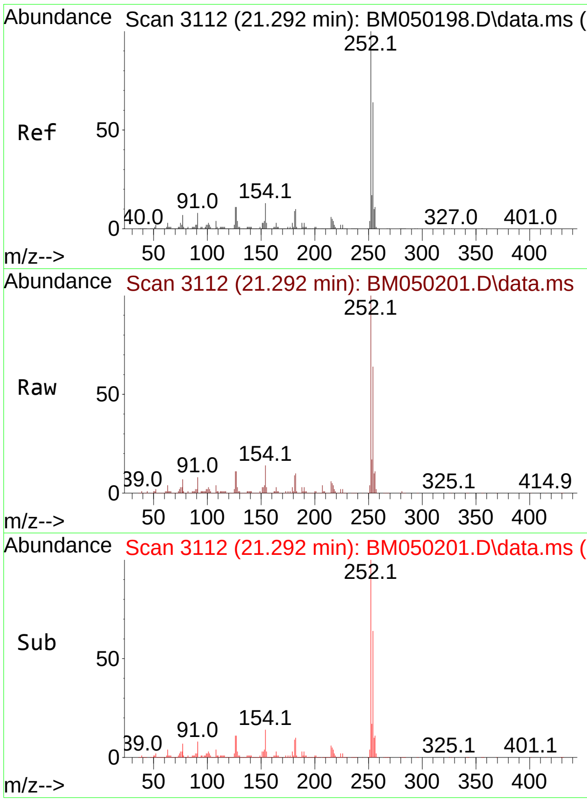
Tgt Ion:228 Resp: 4797580

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	19.9	15.7	23.5



ICAL Form

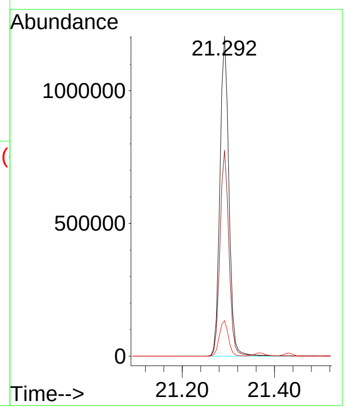
Instrument : BNA_M
ClientSampleId : SSTDICC080

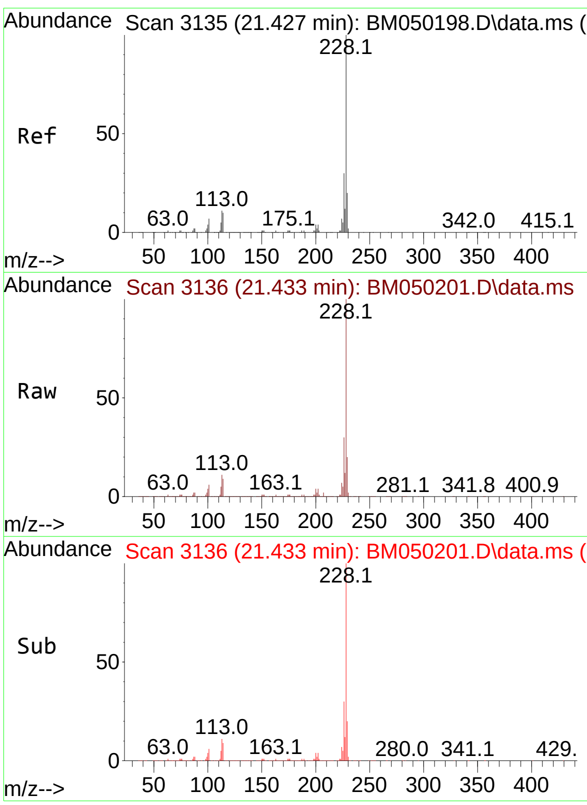


#82
3,3'-Dichlorobenzidine
Concen: 86.143 ng
RT: 21.292 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:252 Resp: 1627542

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.0
126	11.1	8.6	12.8

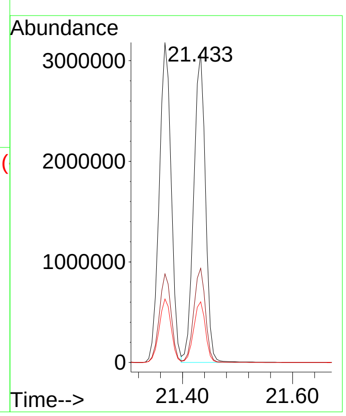




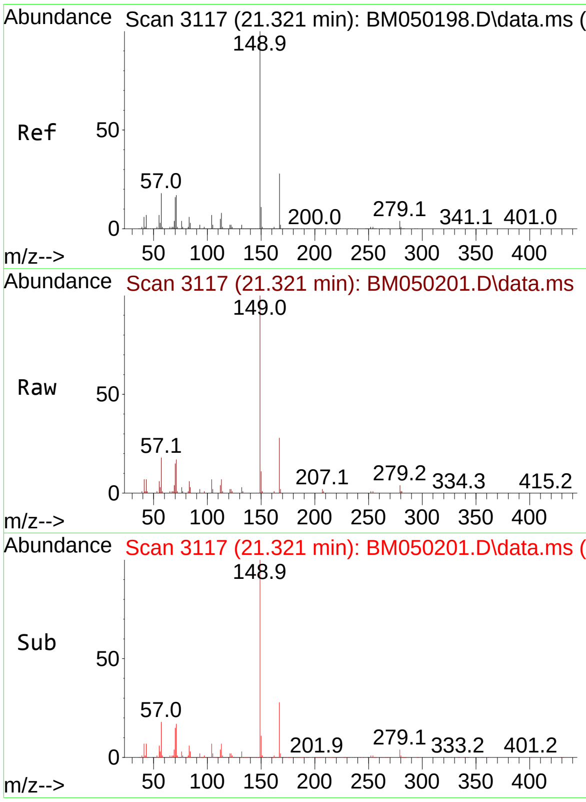
#83
Chrysene
Concen: 77.162 ng
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:228 Resp: 4547461

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.6	15.8	23.8



ICAL Form

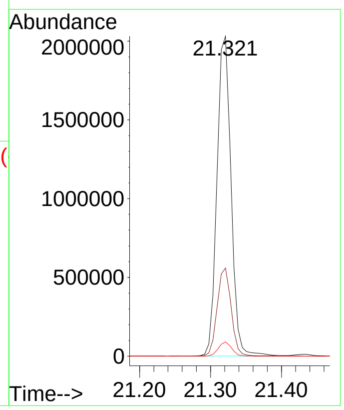


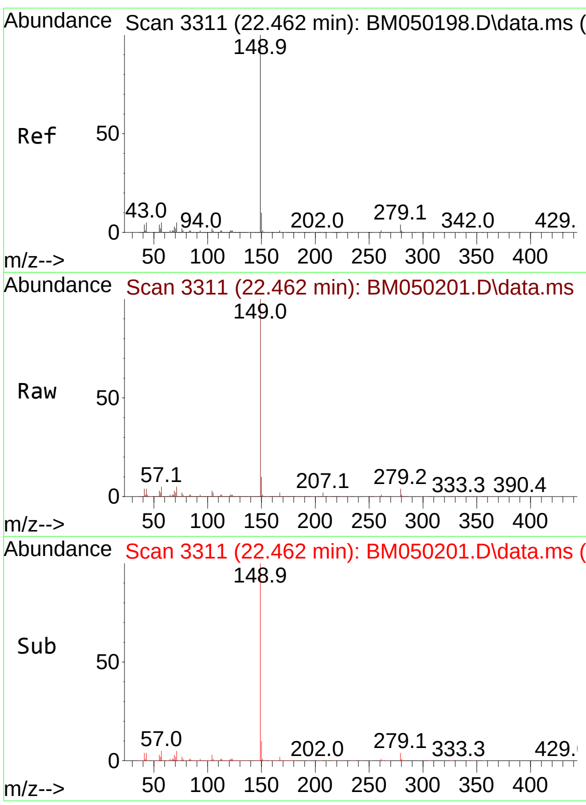
#84
Bis(2-ethylhexyl)phthalate
Concen: 82.490 ng
RT: 21.321 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 2796211

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.3	33.5
279	4.4	3.5	5.3

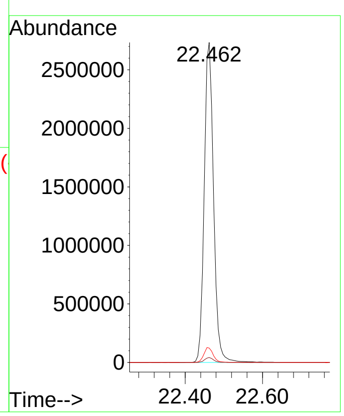




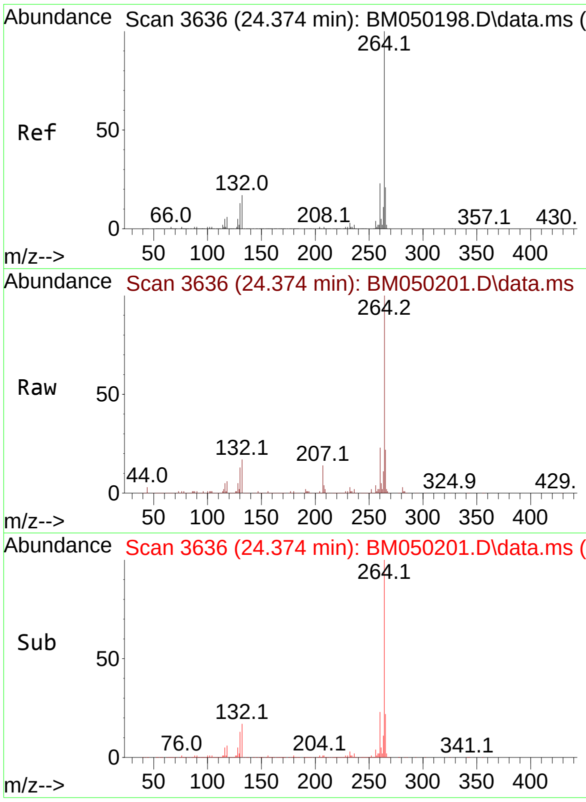
#85
Di-n-octyl phthalate
Concen: 90.971 ng
RT: 22.462 min Scan# 3311
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:149 Resp: 4575834

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	4.7	3.8	5.8



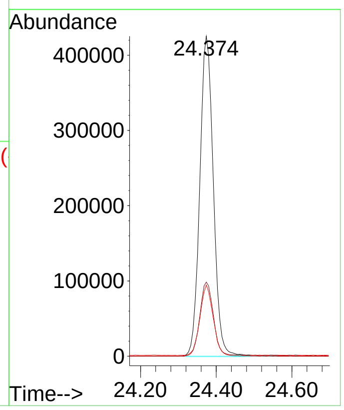
Instrument : BNA_M
ClientSampleId : SSTDICC080

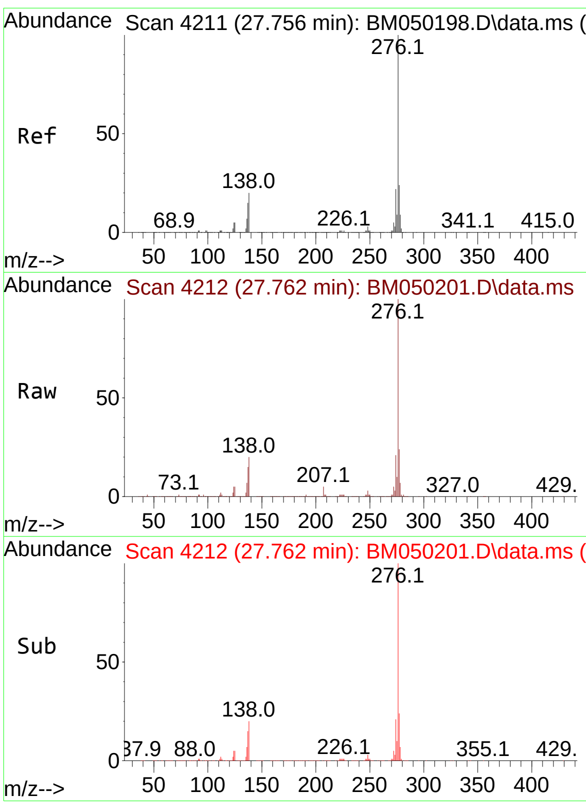


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:264 Resp: 1062363

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	22.3	16.8	25.2

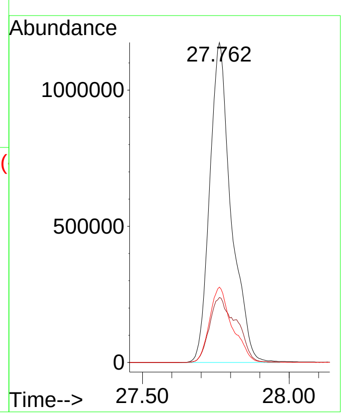




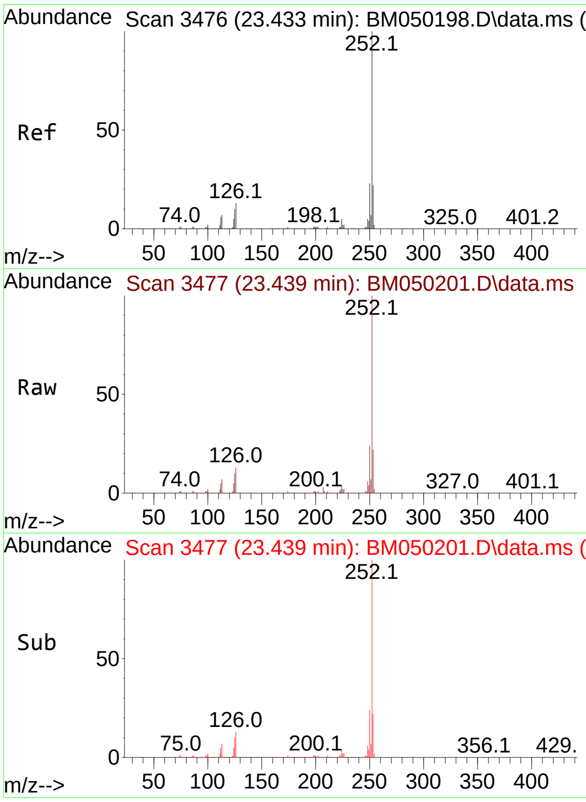
#87
Indeno(1,2,3-cd)pyrene
Concen: 87.435 ng
RT: 27.762 min Scan# 4212
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:276 Resp: 5980793

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	24.9	19.8	29.6



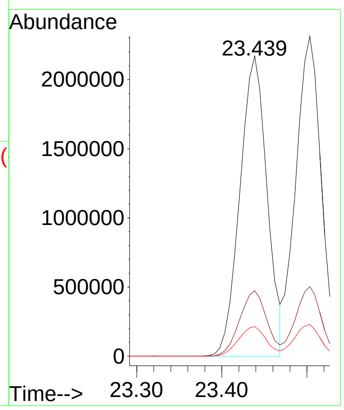
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

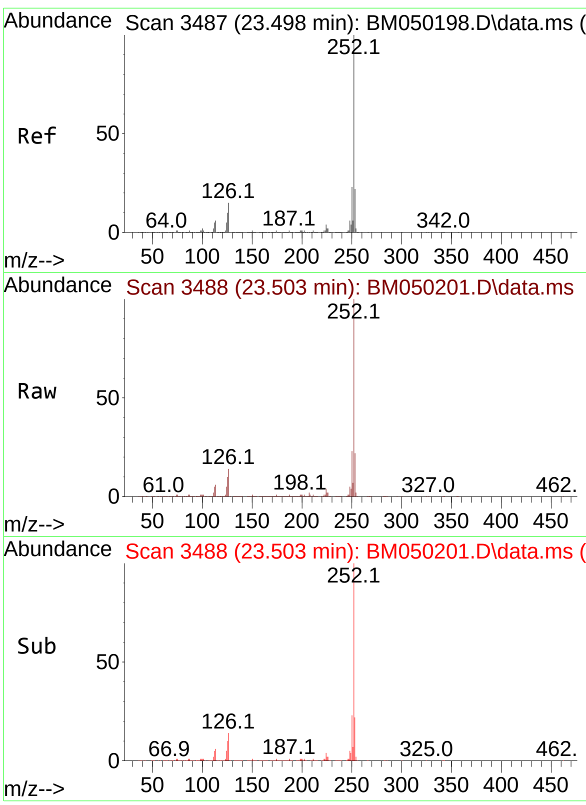


#88
Benzo(b)fluoranthene
Concen: 77.897 ng
RT: 23.439 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:252 Resp: 4811379

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.9	8.2	12.4

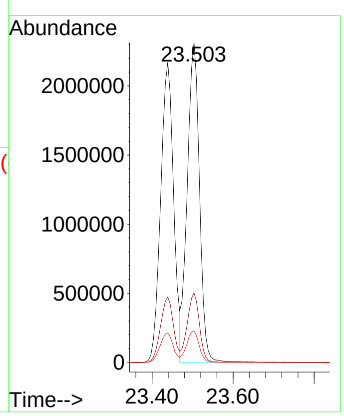




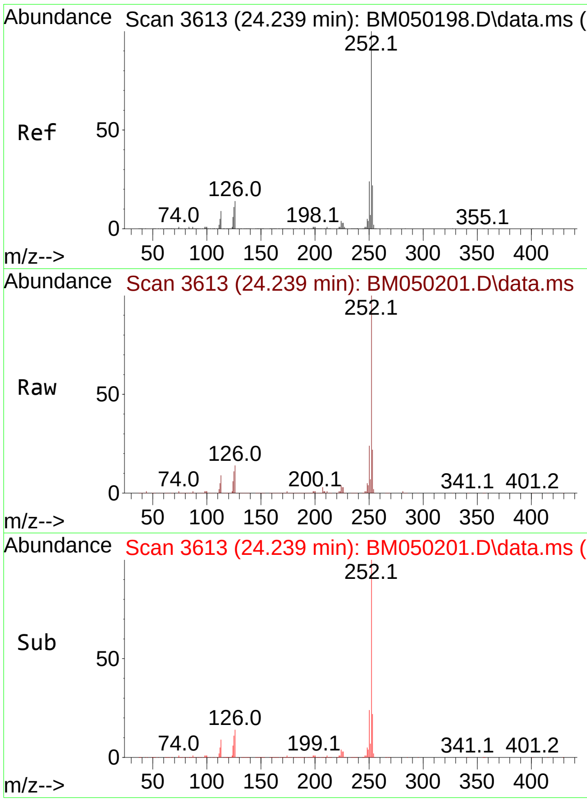
#89
Benzo(k)fluoranthene
Concen: 77.118 ng
RT: 23.503 min Scan# 3488
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:252 Resp: 4862610

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	9.9	8.2	12.4



ICAL Form

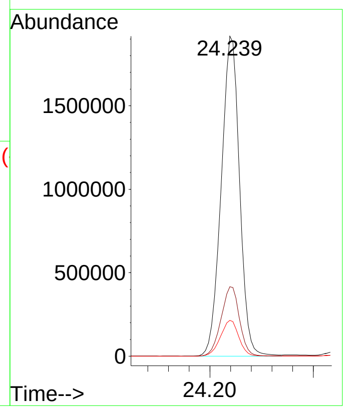


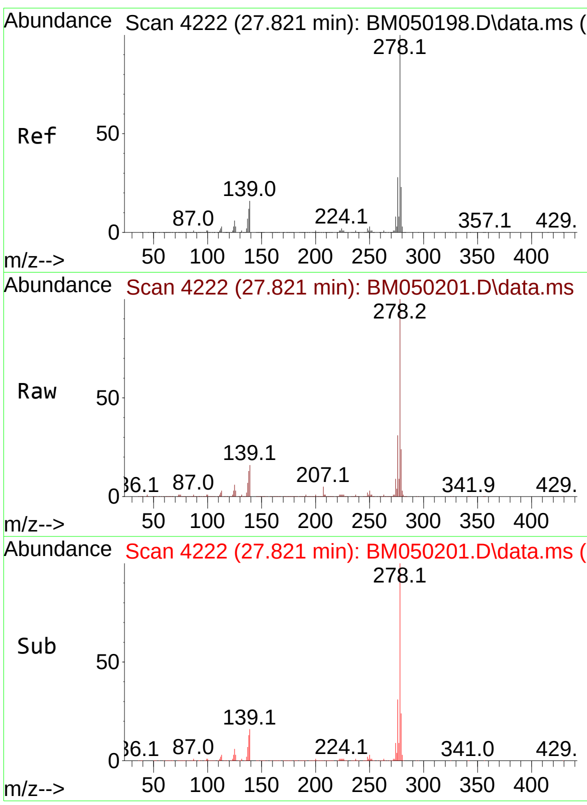
#90
Benzo(a)pyrene
Concen: 81.270 ng
RT: 24.239 min Scan# 3(
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 4719647

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	11.2	9.0	13.4

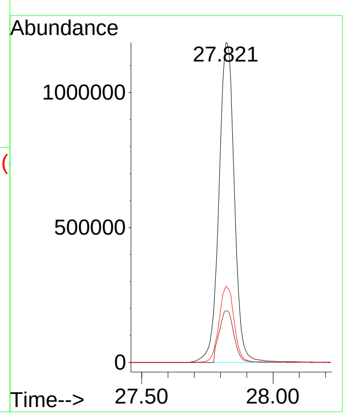




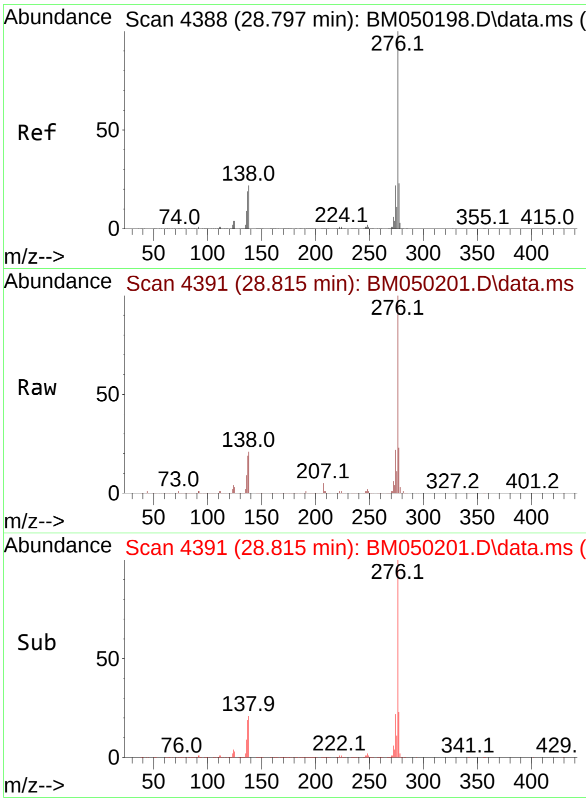
#91
Dibenzo(a,h)anthracene
Concen: 87.349 ng
RT: 27.821 min Scan# 4222
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:278 Resp: 4849919

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.8	19.2
279	23.8	18.6	28.0



ICAL Form

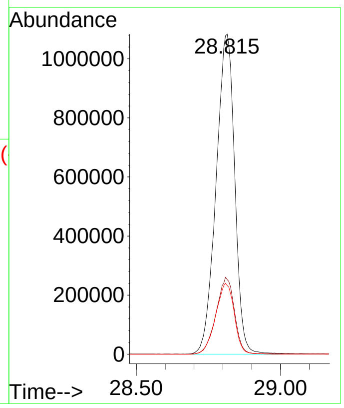


#92
Benzo(g,h,i)perylene
Concen: 87.646 ng
RT: 28.815 min Scan# 4
Delta R.T. 0.017 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 4870648

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	21.5	17.8	26.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Manual Integrations APPROVED

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

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.787	152	318987	20.000 ng	0.00
21) Naphthalene-d8	10.581	136	1345797	20.000 ng	0.00
39) Acenaphthene-d10	14.416	164	824451	20.000 ng	0.00
64) Phenanthrene-d10	17.151	188	1474581	20.000 ng	0.00
76) Chrysene-d12	21.386	240	1199833	20.000 ng	0.00
86) Perylene-d12	24.374	264	1188981	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.369	112	1363817	71.321 ng	0.00
7) Phenol-d6	6.951	99	1828950	72.656 ng	0.00
23) Nitrobenzene-d5	8.940	82	1707276	65.977 ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	671004	71.554 ng	0.00
45) 2-Fluorobiphenyl	13.045	172	3838077	63.026 ng	0.00
79) Terphenyl-d14	19.780	244	4364574	68.934 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.293	88	285619	34.075 ng	98
3) Pyridine	3.681	79	807832	37.216 ng	99
4) n-Nitrosodimethylamine	3.593	42	171804	38.276 ng	95
6) Aniline	7.116	93	1270681	38.184 ng	99
8) 2-Chlorophenol	7.351	128	812307	38.620 ng	99
9) Benzaldehyde	6.928	77	662318m	41.383 ng	
10) Phenol	6.975	94	1020433	38.313 ng	99
11) bis(2-Chloroethyl)ether	7.210	93	819158	38.237 ng	99
12) 1,3-Dichlorobenzene	7.681	146	890155	37.856 ng	99
13) 1,4-Dichlorobenzene	7.822	146	914542	37.381 ng	99
14) 1,2-Dichlorobenzene	8.140	146	881362	37.789 ng	99
15) Benzyl Alcohol	8.022	79	702528	39.129 ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	556648	37.404 ng	98
17) 2-Methylphenol	8.222	107	686759	39.079 ng	99
18) Hexachloroethane	8.869	117	336898	38.024 ng	100
19) n-Nitroso-di-n-propyla...	8.598	70	613129	39.802 ng	99
20) 3+4-Methylphenols	8.551	107	925708	39.372 ng	100
22) Acetophenone	8.604	105	1264911	37.622 ng	99
24) Nitrobenzene	8.981	77	897378	38.131 ng	99
25) Isophorone	9.510	82	1719407	38.498 ng	99
26) 2-Nitrophenol	9.687	139	415162	40.867 ng	99
27) 2,4-Dimethylphenol	9.751	122	791547	37.886 ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	1110519	38.061 ng	99
29) 2,4-Dichlorophenol	10.222	162	753084	38.988 ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	807629	37.573 ng	100
31) Naphthalene	10.628	128	2548917	36.633 ng	100
32) Benzoic acid	9.875	122	519441	39.598 ng	98
33) 4-Chloroaniline	10.728	127	1127809	38.018 ng	99
34) Hexachlorobutadiene	10.922	225	479592	37.511 ng	99
35) Caprolactam	11.498	113	237644	38.807 ng	99
36) 4-Chloro-3-methylphenol	11.851	107	794929	38.568 ng	100
37) 2-Methylnaphthalene	12.239	142	1594515	37.986 ng	98
38) 1-Methylnaphthalene	12.457	142	1680613	37.722 ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	900972	37.845 ng	99
41) Hexachlorocyclopentadiene	12.598	237	569438	39.386 ng	99
43) 2,4,6-Trichlorophenol	12.845	196	598909	38.255 ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	658288	38.297 ng	100
46) 1,1'-Biphenyl	13.251	154	2269641	36.765 ng	99
47) 2-Chloronaphthalene	13.292	162	1740708	36.269 ng	100
48) 2-Nitroaniline	13.486	65	425146	40.253 ng	98
49) Acenaphthylene	14.139	152	2862688	36.877 ng	99
50) Dimethylphthalate	13.880	163	2084186	37.379 ng	100
51) 2,6-Dinitrotoluene	13.986	165	446609	39.718 ng	99
52) Acenaphthene	14.480	154	1769507	36.444 ng	99
53) 3-Nitroaniline	14.310	138	493099	39.347 ng	96
54) 2,4-Dinitrophenol	14.510	184	228596	34.596 ng	99
55) Dibenzofuran	14.816	168	2585454	36.397 ng	99
56) 4-Nitrophenol	14.610	139	411593	38.588 ng	98
57) 2,4-Dinitrotoluene	14.769	165	592521	39.946 ng	99
58) Fluorene	15.463	166	1965747	36.130 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	557824	37.508 ng	93
60) Diethylphthalate	15.245	149	2031289	36.717 ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	950092	36.132 ng	99
62) 4-Nitroaniline	15.469	138	449658	38.283 ng	99
63) Azobenzene	15.751	77	1998483	36.142 ng	98
65) 4,6-Dinitro-2-methylph...	15.533	198	312558	38.808 ng	99
66) n-Nitrosodiphenylamine	15.669	169	1747981	37.727 ng	100
67) 4-Bromophenyl-phenylether	16.351	248	604660	38.453 ng	99
68) Hexachlorobenzene	16.463	284	696502	37.911 ng	100
69) Atrazine	16.621	200	578491	39.186 ng	99
70) Pentachlorophenol	16.804	266	464946	38.925 ng	99
71) Phenanthrene	17.198	178	3046863	36.170 ng	99
72) Anthracene	17.286	178	3101683	36.806 ng	100
73) Carbazole	17.551	167	2778780	36.195 ng	99
74) Di-n-butylphthalate	18.133	149	3122305	37.377 ng	99
75) Fluoranthene	19.209	202	3117387	35.092 ng	100
77) Benzidine	19.392	184	1646454	48.798 ng	100
78) Pyrene	19.568	202	3262895	40.348 ng	99
80) Butylbenzylphthalate	20.480	149	1095153	40.599 ng	98
81) Benzo(a)anthracene	21.368	228	2824621	37.193 ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	933068	40.289 ng	100
83) Chrysene	21.433	228	2642484	36.579 ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1606973	38.675 ng	100
85) Di-n-octyl phthalate	22.462	149	2382511	38.642 ng	100
87) Indeno(1,2,3-cd)pyrene	27.750	276	2970902	38.807 ng	100
88) Benzo(b)fluoranthene	23.433	252	2608359	37.732 ng	100
89) Benzo(k)fluoranthene	23.497	252	2566064	36.362 ng	100
90) Benzo(a)pyrene	24.239	252	2459411	37.840 ng	99
91) Dibenzo(a,h)anthracene	27.815	278	2412391	38.821 ng	100
92) Benzo(g,h,i)perylene	28.791	276	2411378	38.771 ng	99

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

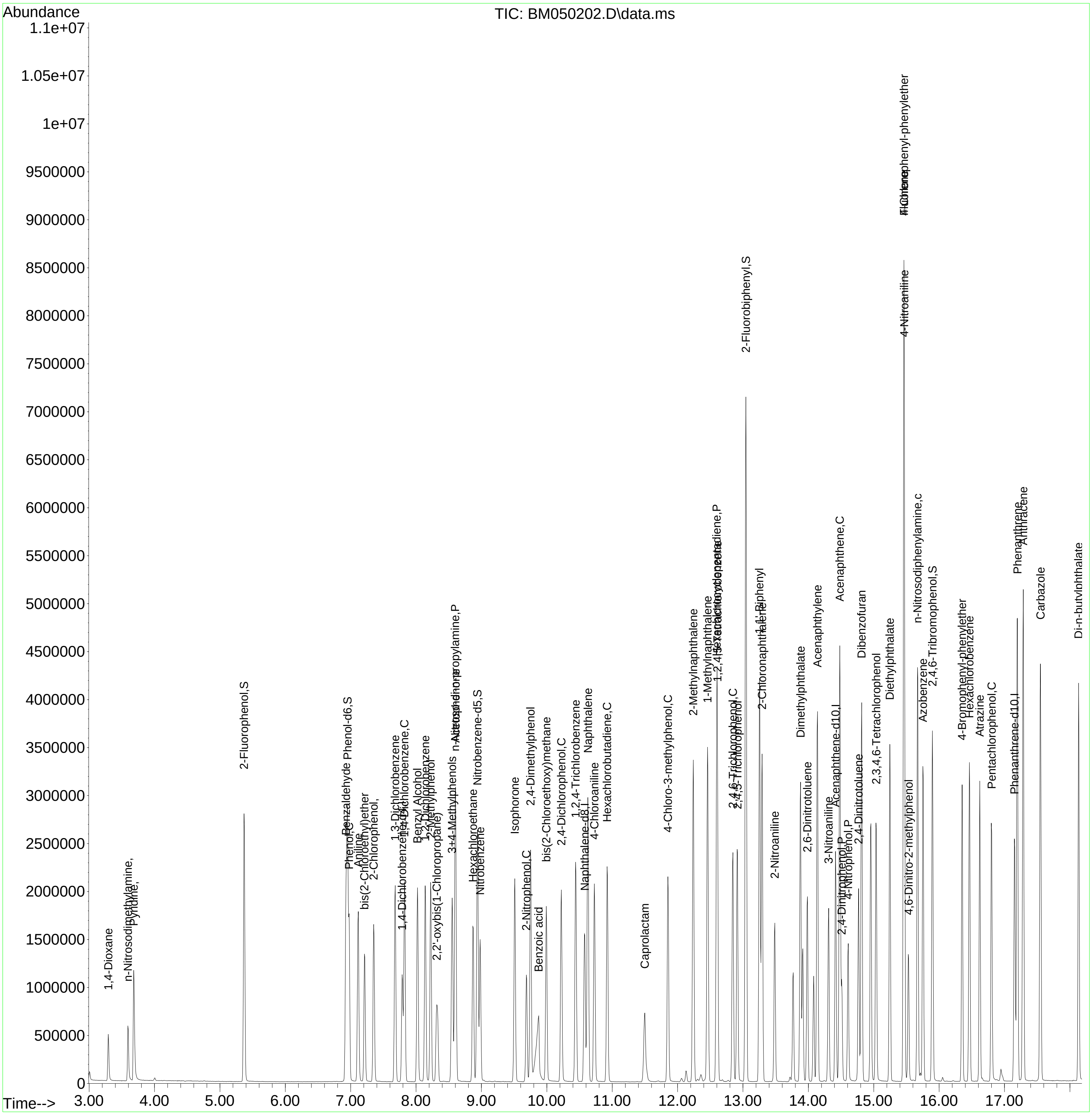
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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Reviewed By :Rahul Chavli 06/05/2025
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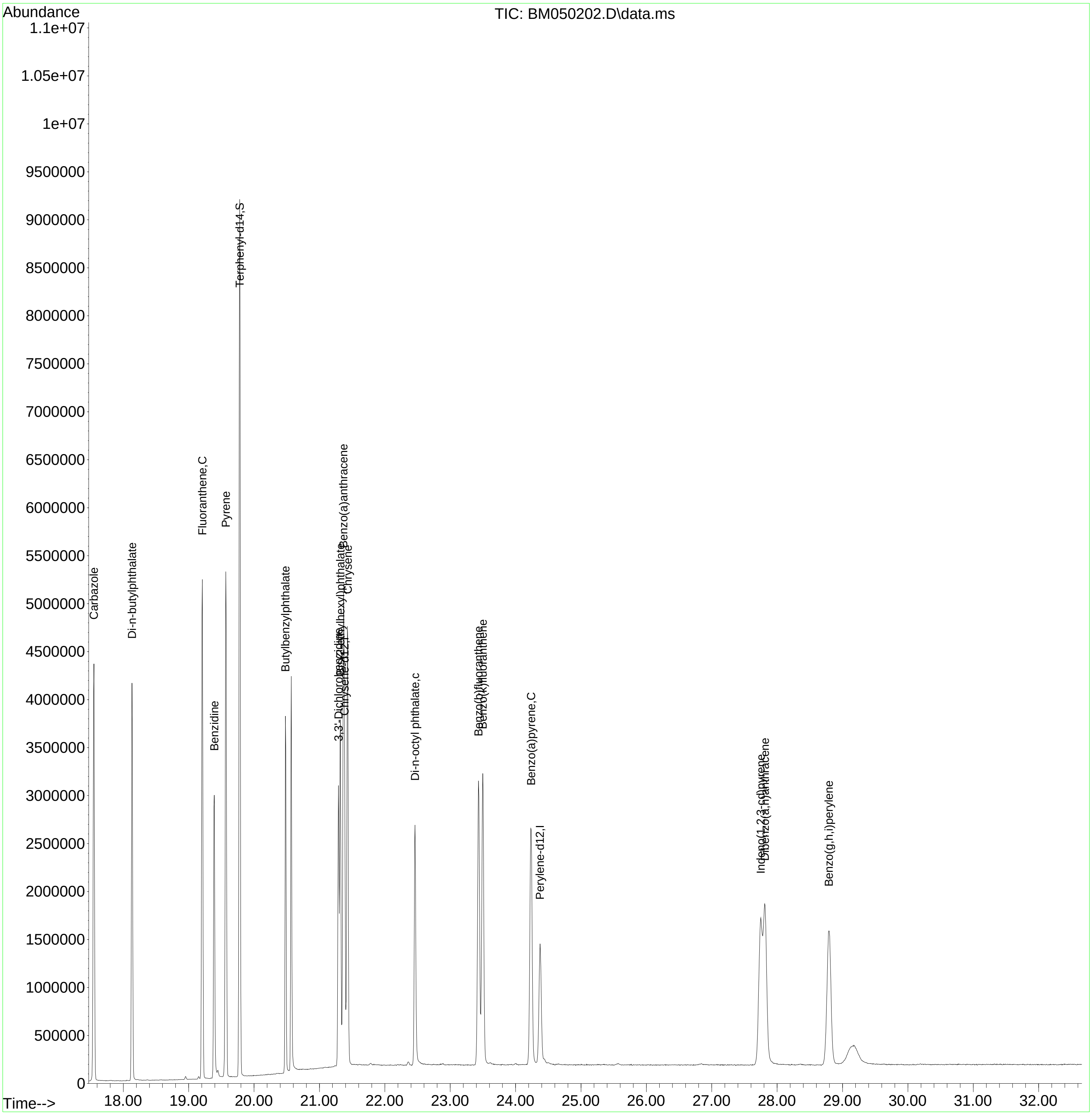

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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Reviewed By :Rahul Chavli 06/05/2025
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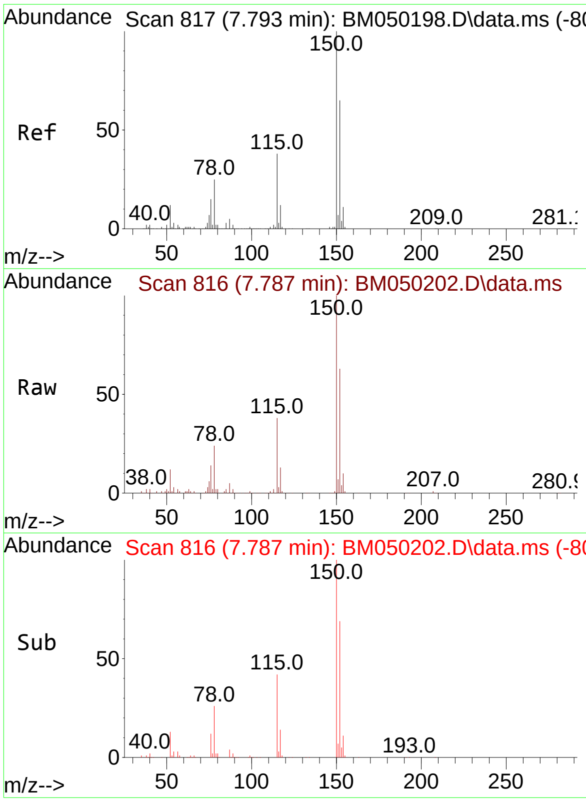
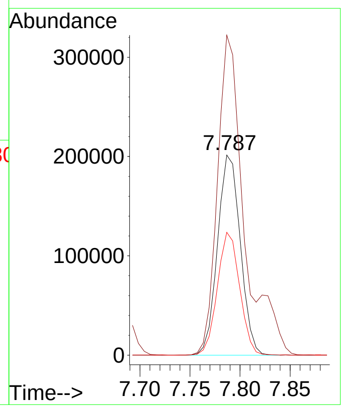
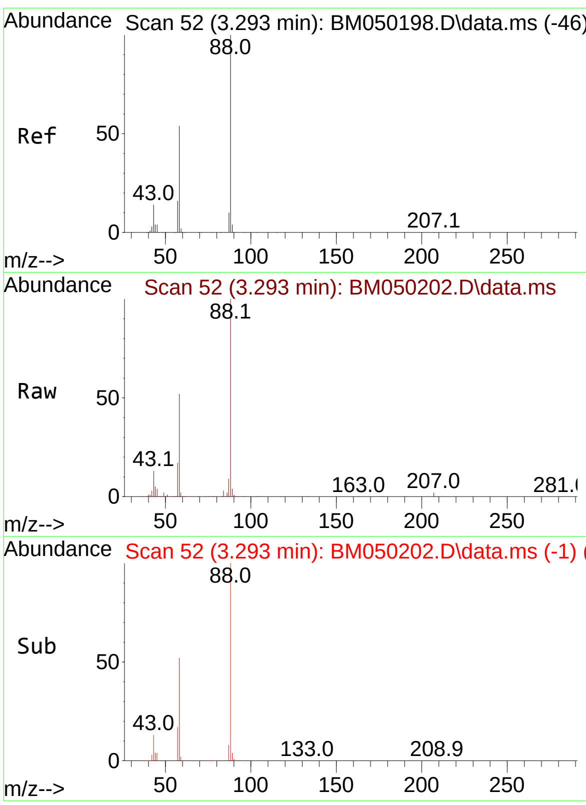


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:152 Resp: 31898

Ion	Ratio	Lower	Upper
152	100		
150	159.9	122.2	183.4
115	61.4	46.3	69.5

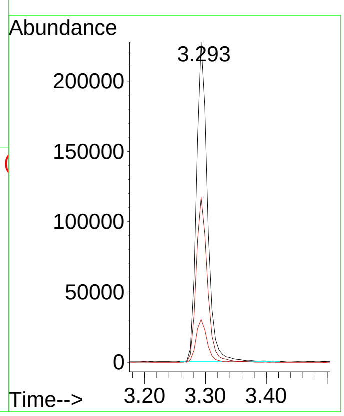




#2
1,4-Dioxane
Concen: 34.075 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 88 Resp: 285619

Ion	Ratio	Lower	Upper
88	100		
58	52.3	42.9	64.3
43	13.5	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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Reviewed By :Rahul Chavli 06/05/2025
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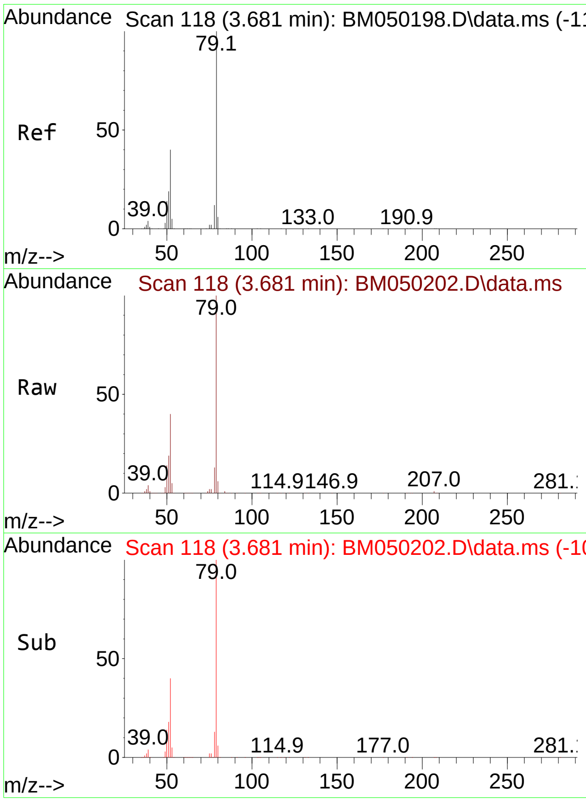
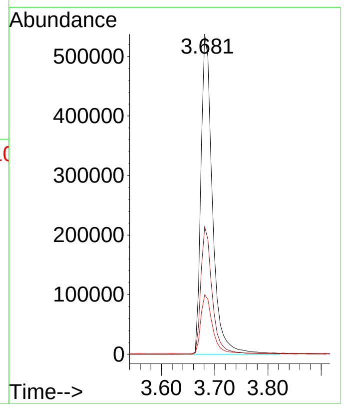
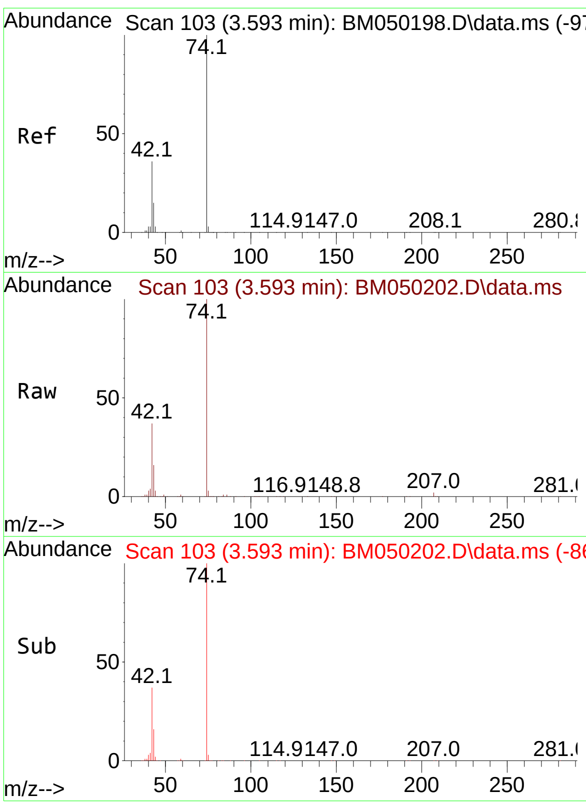


#3
Pyridine
Concen: 37.216 ng
RT: 3.681 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 79 Resp: 80783

Ion	Ratio	Lower	Upper
79	100		
52	39.8	32.1	48.1
51	18.6	15.4	23.0

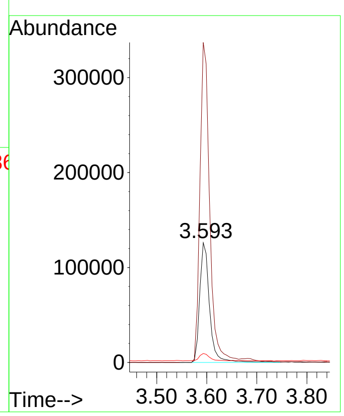


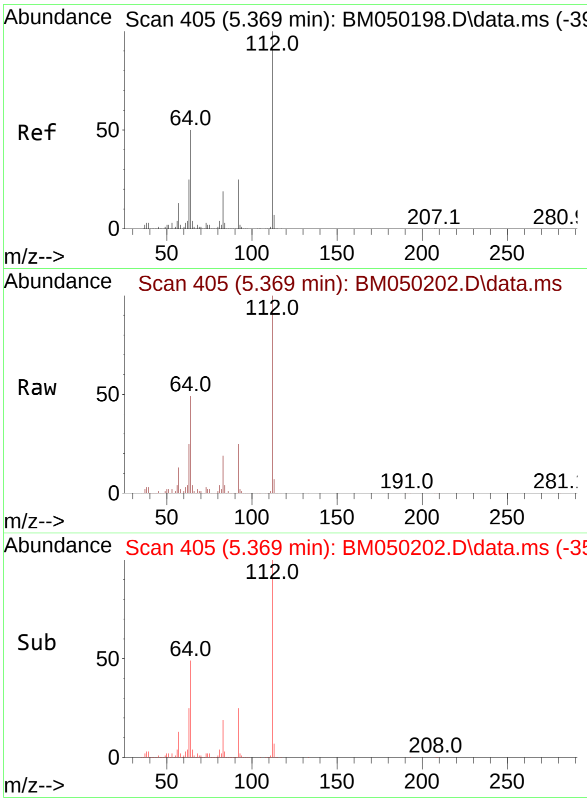


#4
n-Nitrosodimethylamine
Concen: 38.276 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 42 Resp: 171804

Ion	Ratio	Lower	Upper
42	100		
74	267.3	222.0	333.0
44	7.5	7.0	10.6





#5
2-Fluorophenol
Concen: 71.321 ng
RT: 5.369 min   Scan# 4(
Delta R.T.   -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025   14:36

Tgt Ion:112 Resp: 136381

Ion	Ratio	Lower	Upper
112	100		
64	49.0	39.8	59.6
63	25.4	19.8	29.8

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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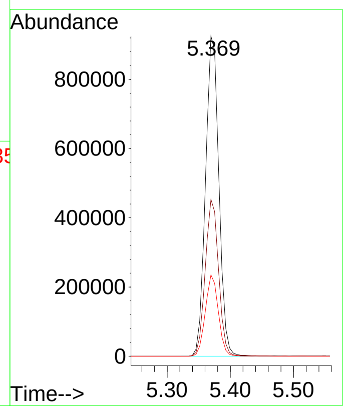
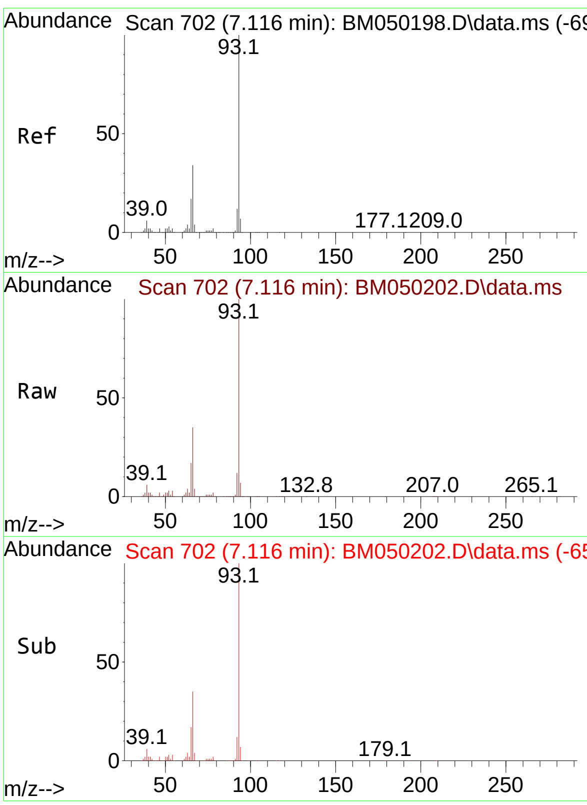
Reviewed By :Rahul Chavli   06/05/2025
Supervised By :Jagrut Upadhyay   06/06/2025

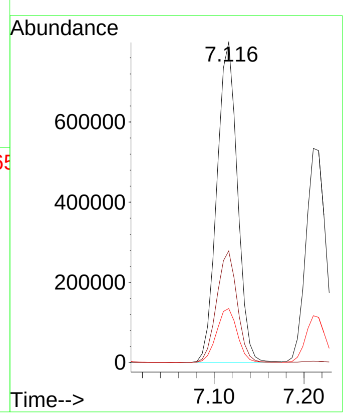




#6
Aniline
Concen: 38.184 ng
RT: 7.116 min   Scan# 702
Delta R.T.   -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025   14:36

Tgt Ion: 93 Resp: 1270681

Ion	Ratio	Lower	Upper
93	100		
66	34.9	27.4	41.2
65	16.9	13.6	20.4



ICAL Form

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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Reviewed By :Rahul Chavli 06/05/2025
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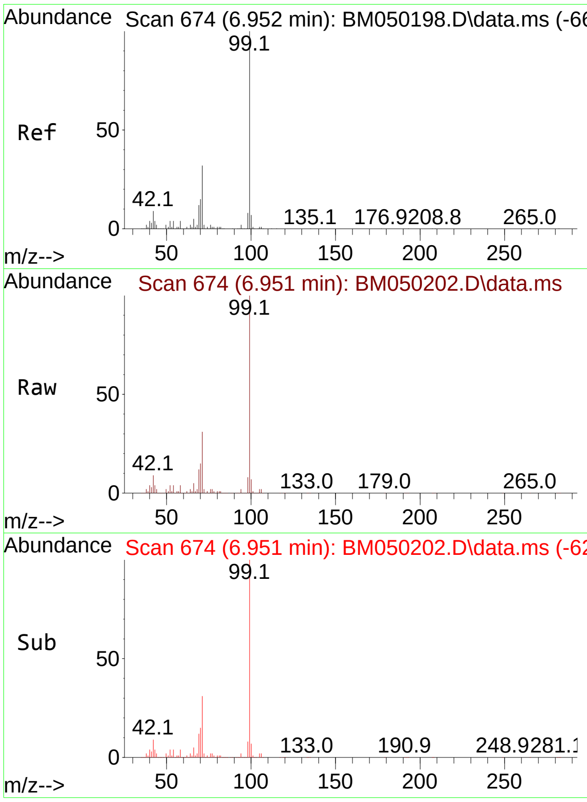
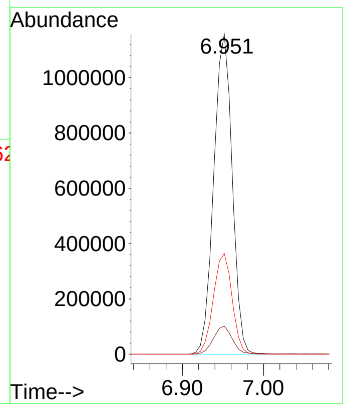
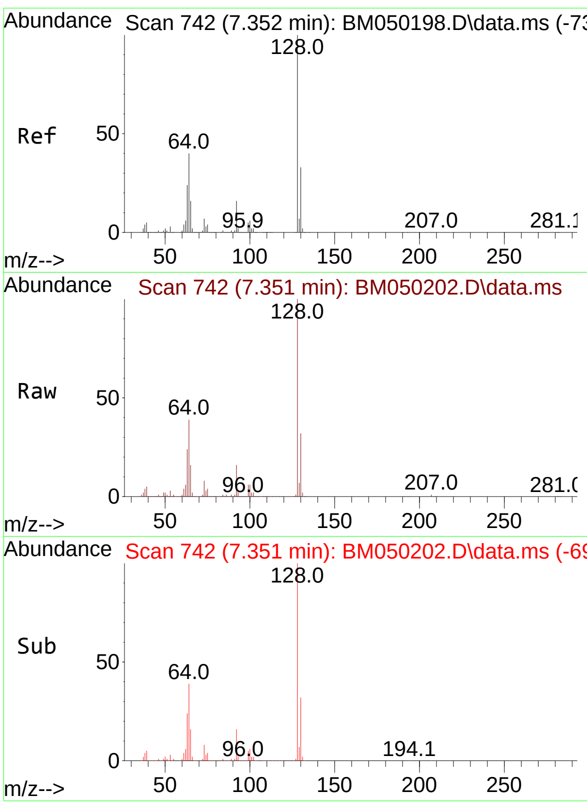


#7
Phenol-d6
Concen: 72.656 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 99 Resp: 182895

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	31.5	25.3	37.9

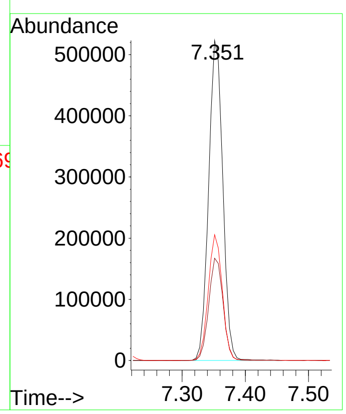




#8
2-Chlorophenol
Concen: 38.620 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:128 Resp: 812307

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.6	52.6
64	39.3	19.8	59.8



ICAL Form

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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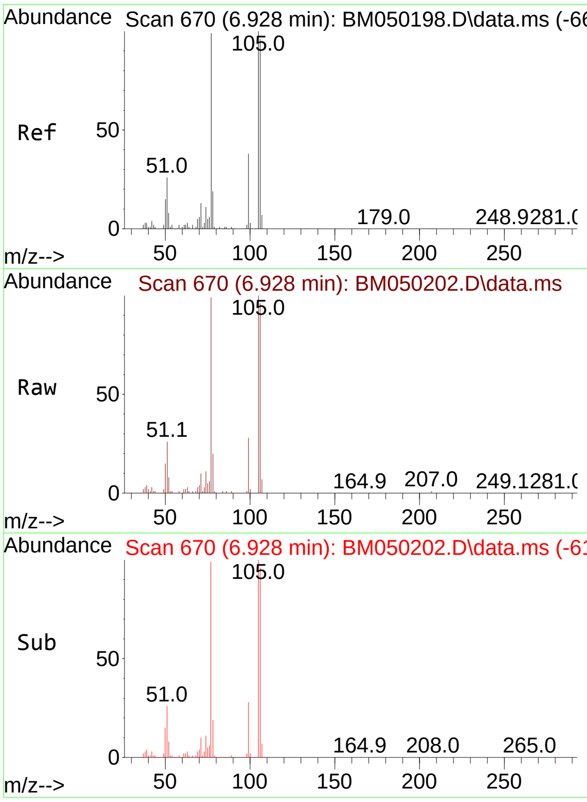
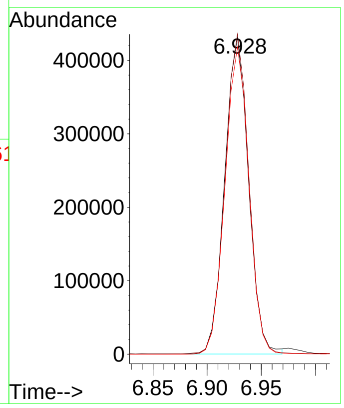
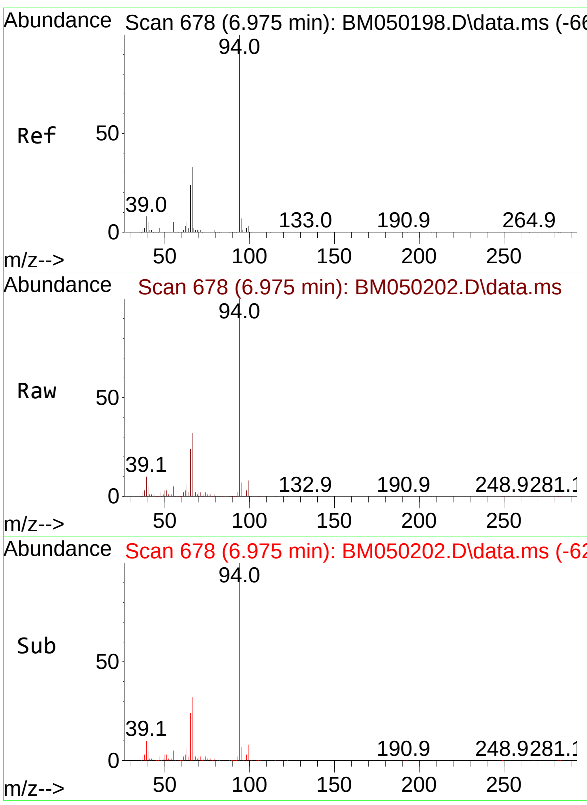


#9
Benzaldehyde
Concen: 41.383 ng m
RT: 6.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 77 Resp: 66231

Ion	Ratio	Lower	Upper
77	100		
105	101.1	80.9	120.9
106	97.0	77.1	117.1

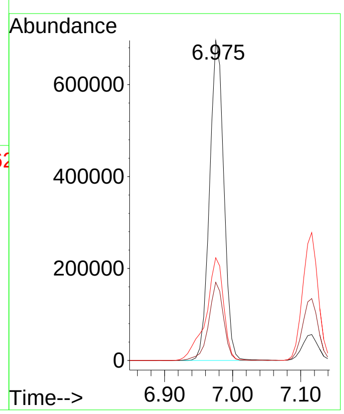




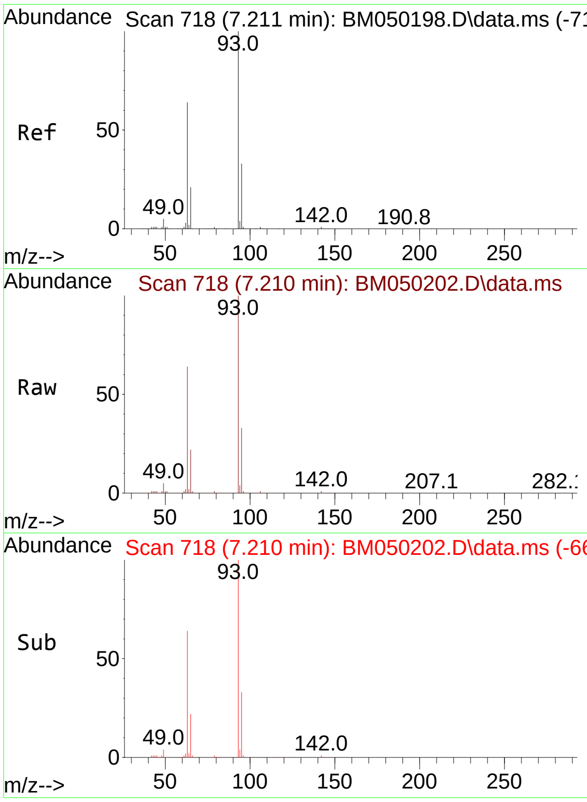
#10
Phenol
Concen: 38.313 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 94 Resp: 1020433

Ion	Ratio	Lower	Upper
94	100		
65	24.4	4.3	44.3
66	32.1	12.9	52.9



ICAL Form



#11
bis(2-Chloroethyl)ether
Concen: 38.237 ng
RT: 7.210 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 93 Resp: 81915

Ion	Ratio	Lower	Upper
93	100		
63	64.4	43.9	83.9
95	33.0	12.7	52.7

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Manual Integrations
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Reviewed By :Rahul Chavli 06/05/2025
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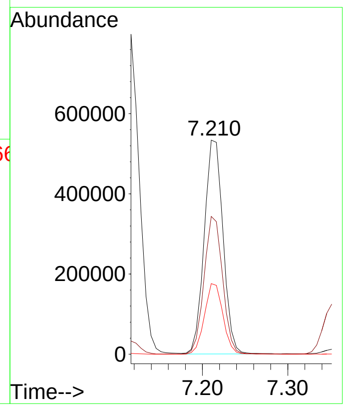
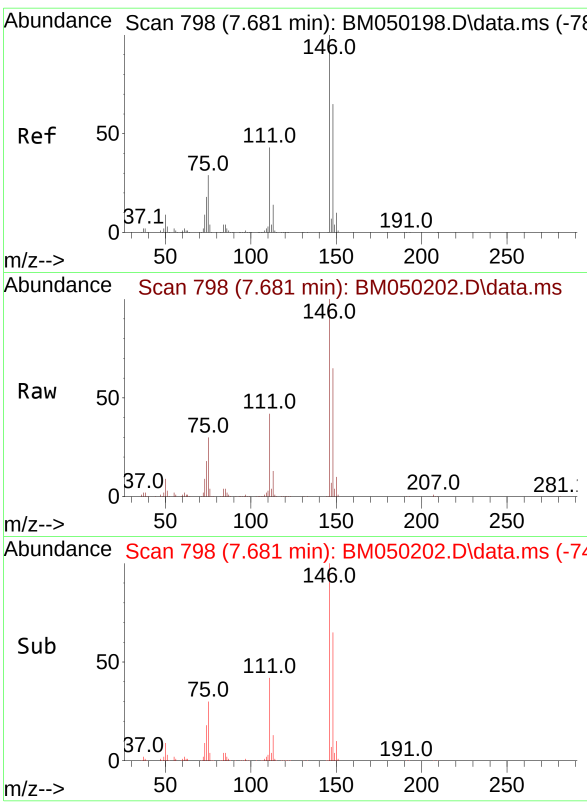
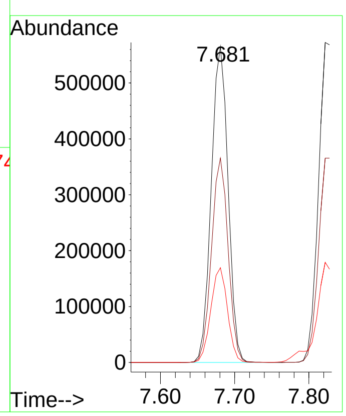




#12
1,3-Dichlorobenzene
Concen: 37.856 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:146 Resp: 890155

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
75	30.0	23.4	35.0



Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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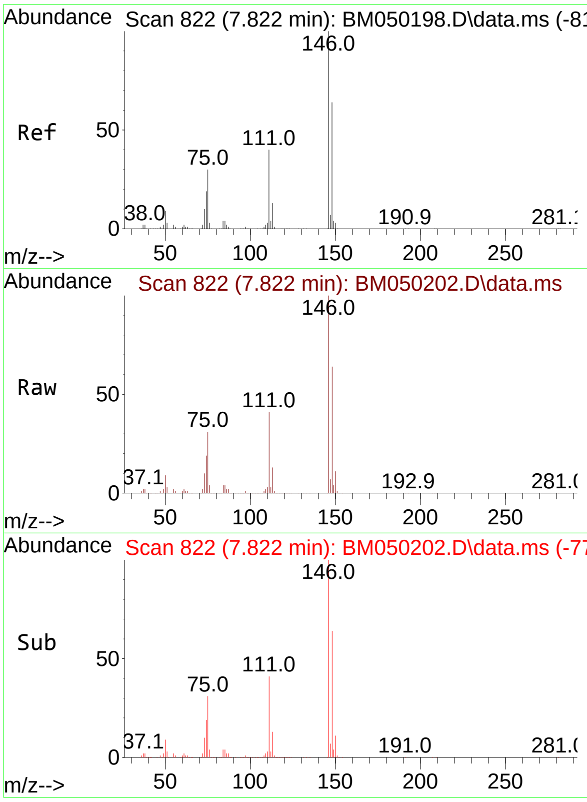
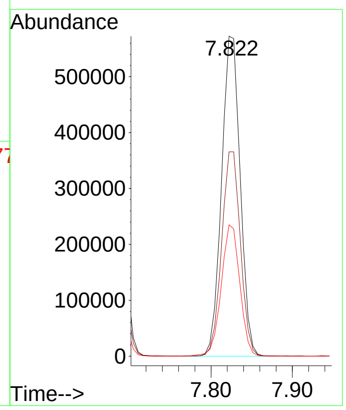
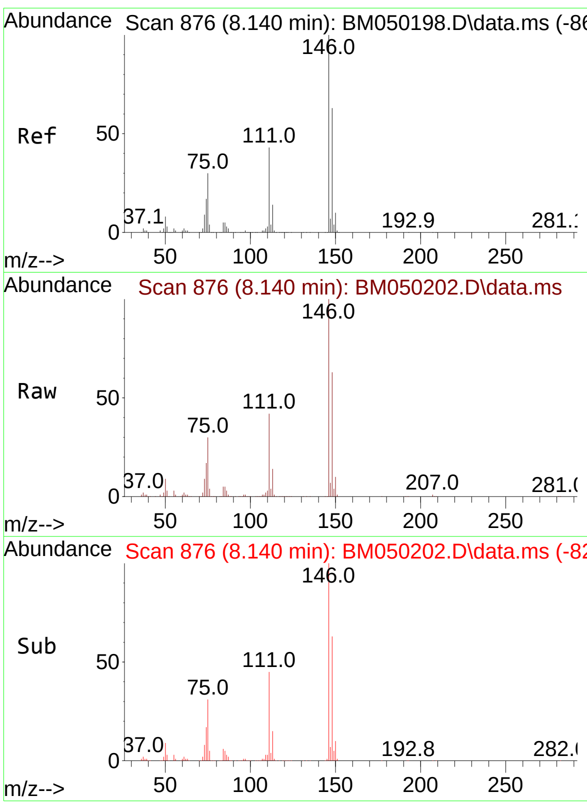


#13
1,4-Dichlorobenzene
Concen: 37.381 ng
RT: 7.822 min Scan# 82
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:146 Resp: 914542

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
111	41.1	32.3	48.5

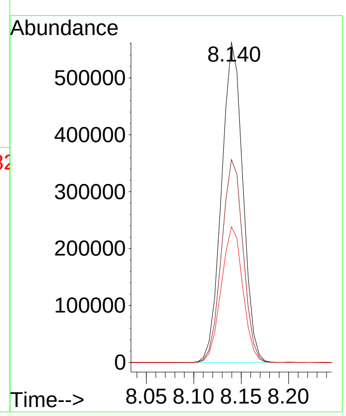




#14
1,2-Dichlorobenzene
Concen: 37.789 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:146 Resp: 881362

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	42.4	34.3	51.5



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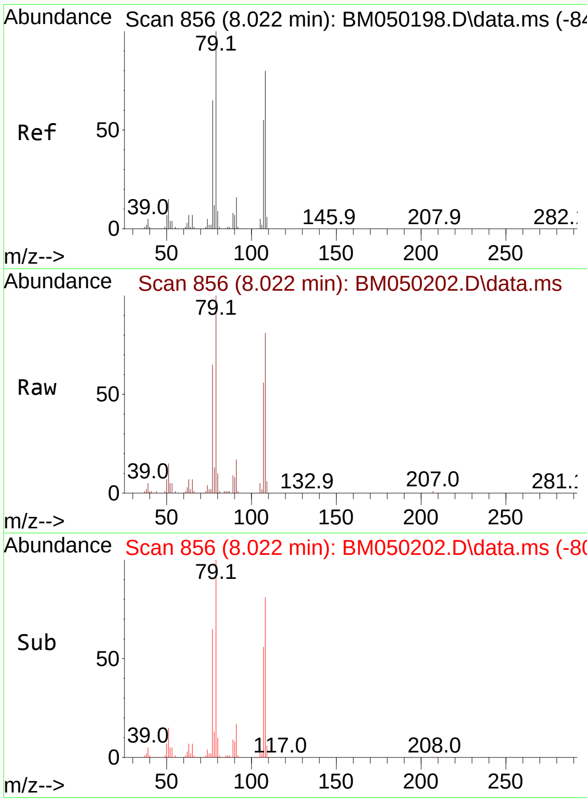

#15
Benzyl Alcohol
Concen: 39.129 ng
RT: 8.022 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 79 Resp: 702528

Ion	Ratio	Lower	Upper
79	100		
108	81.3	64.0	96.0
77	65.1	52.2	78.2

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Manual Integrations APPROVED
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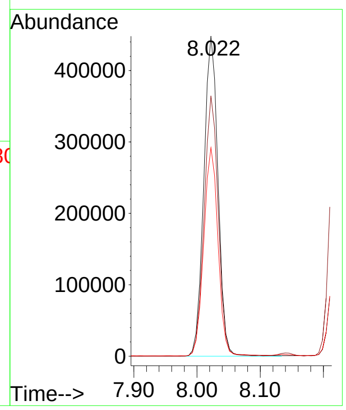
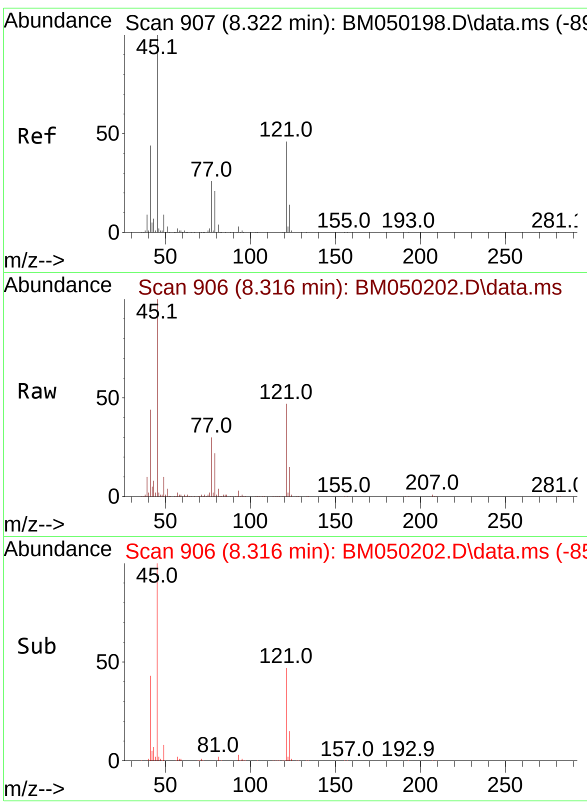
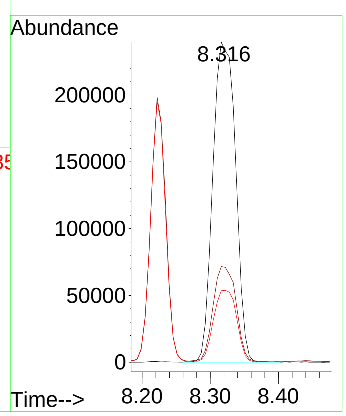




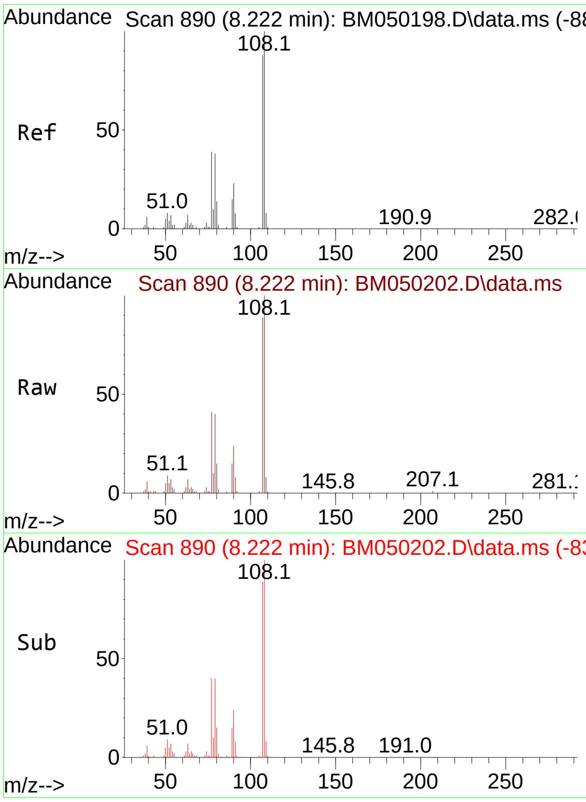
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.404 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 45 Resp: 556648

Ion	Ratio	Lower	Upper
45	100		
77	29.9	8.7	48.7
79	22.4	2.7	42.7



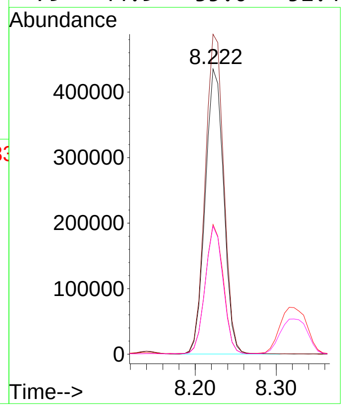
ICAL Form



#17
2-Methylphenol
Concen: 39.079 ng
RT: 8.222 min Scan# 89
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:107 Resp: 68675

Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.8	136.2
77	45.5	35.7	53.5
79	44.9	35.0	52.4



Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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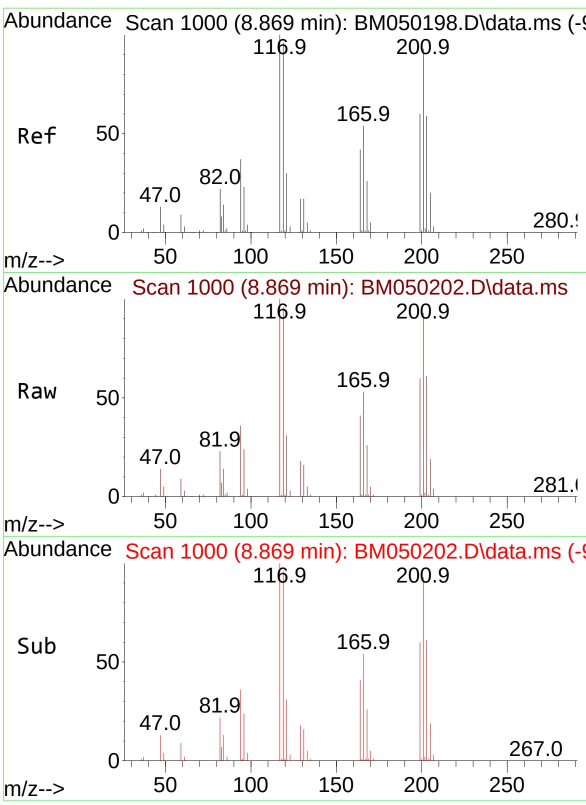
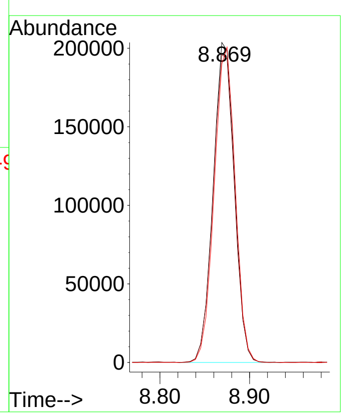


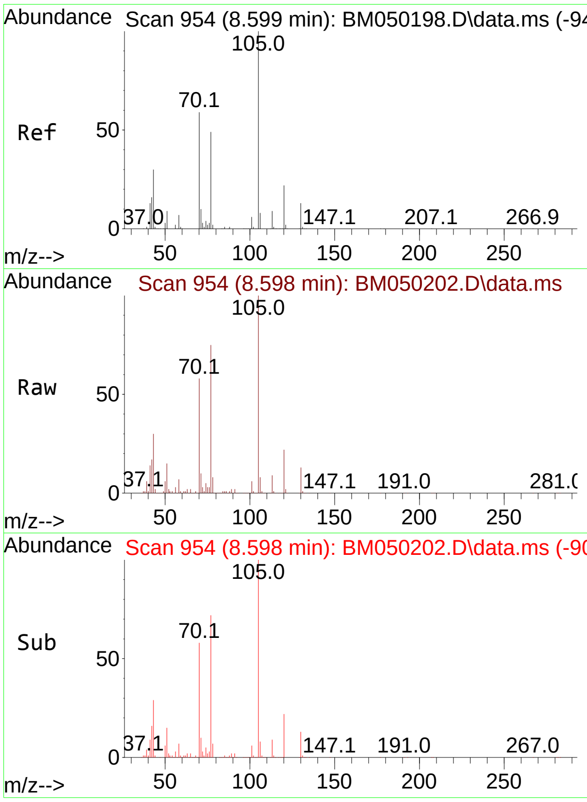
#18
Hexachloroethane
Concen: 38.024 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:117 Resp: 336898

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.6
201	93.2	74.6	111.8



ICAL Form



#19
n-Nitroso-di-n-propylamine
Concen: 39.802 ng
RT: 8.598 min   Scan# 95
Delta R.T.   -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025   14:36

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Tgt Ion: 70 Resp: 61312

Ion	Ratio	Lower	Upper
70	100		
42	29.4	22.6	33.8
101	10.5	8.3	12.5
130	21.9	17.4	26.2

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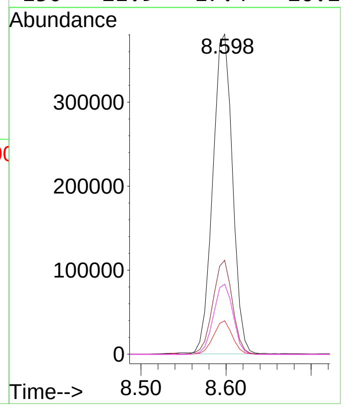
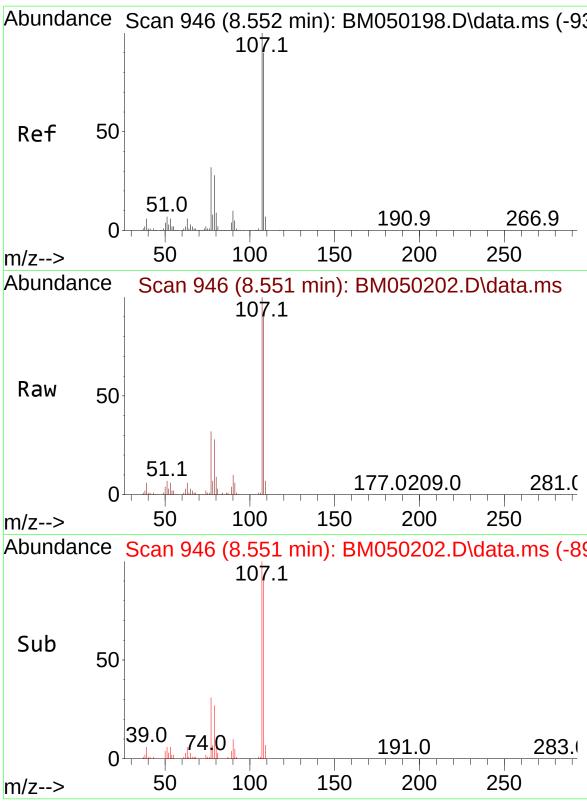
Supervised By :Jagrut Upadhyay   06/06/2025

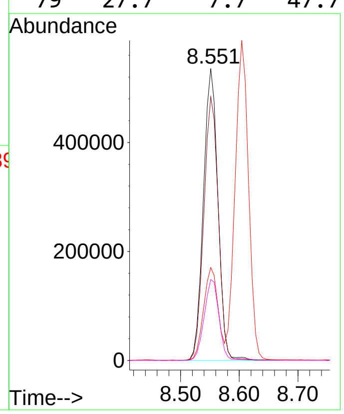


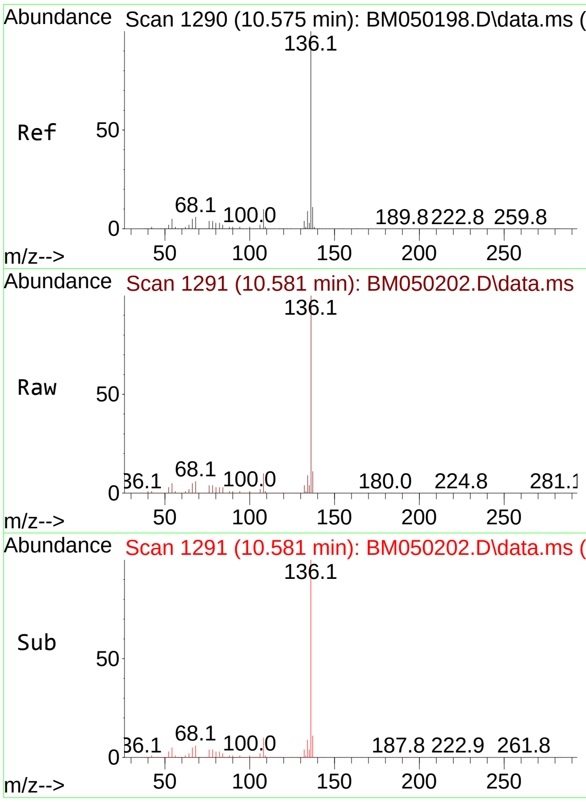


#20
3+4-Methylphenols
Concen: 39.372 ng
RT: 8.551 min   Scan# 946
Delta R.T.   -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025   14:36

Tgt Ion:107 Resp: 925708

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.4	110.4
77	31.8	12.2	52.2
79	27.7	7.7	47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Tgt Ion:136 Resp: 134579

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.6	3.8	5.8
68	5.8	4.9	7.3

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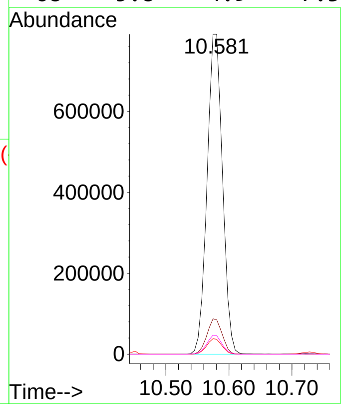
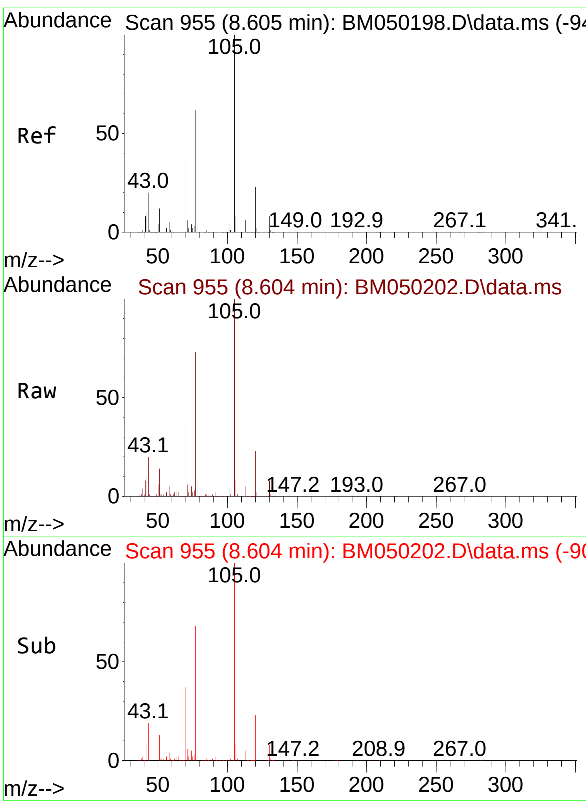
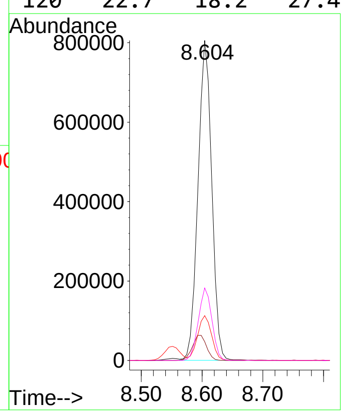


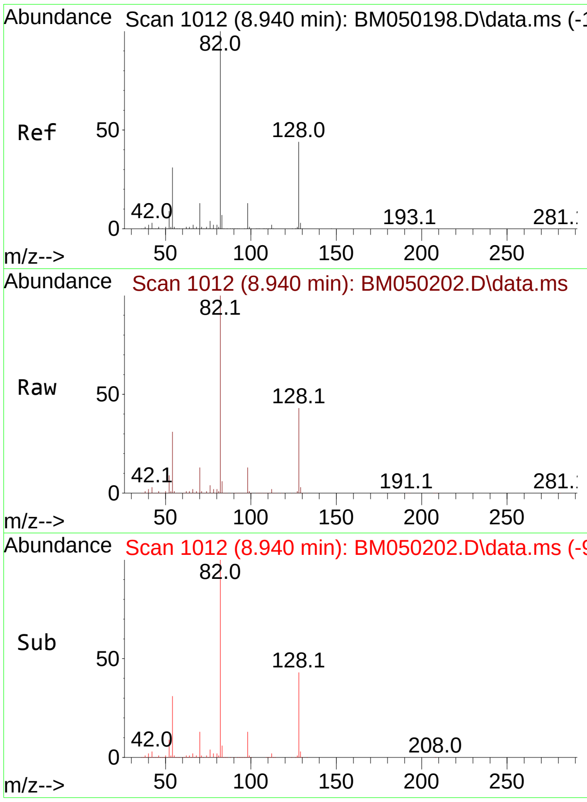


#22
Acetophenone
Concen: 37.622 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:105 Resp: 1264911

Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.0	7.4
51	14.0	11.4	17.2
120	22.7	18.2	27.4





#23
Nitrobenzene-d5
Concen: 65.977 ng
RT: 8.940 min   Scan# 10
Delta R.T.   -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025   14:36

Tgt Ion: 82 Resp: 170727

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.2	52.8
54	30.6	24.5	36.7

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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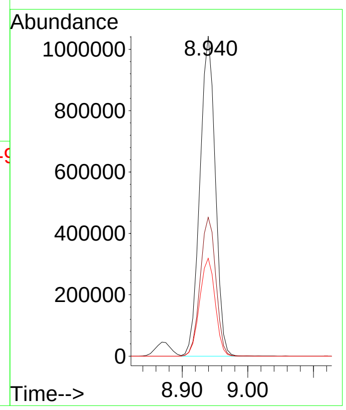
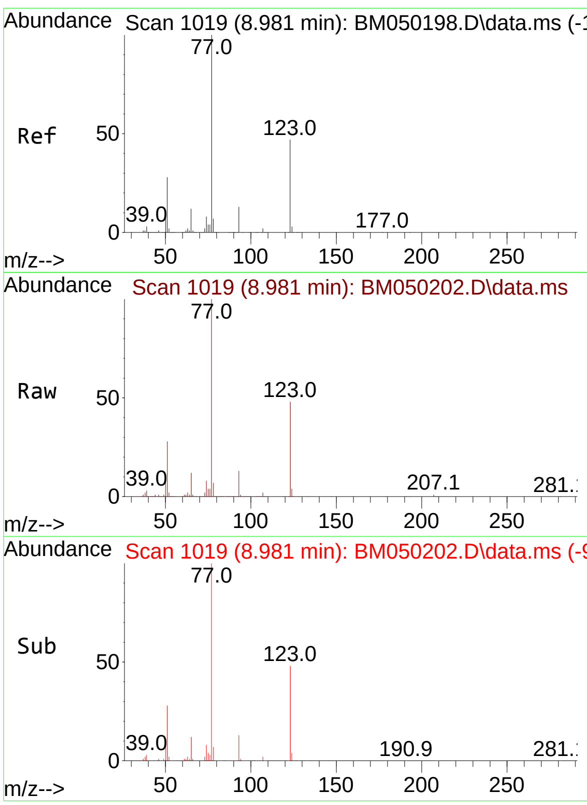
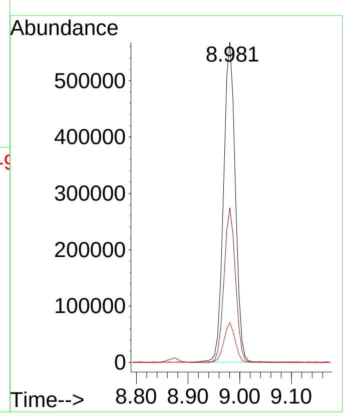


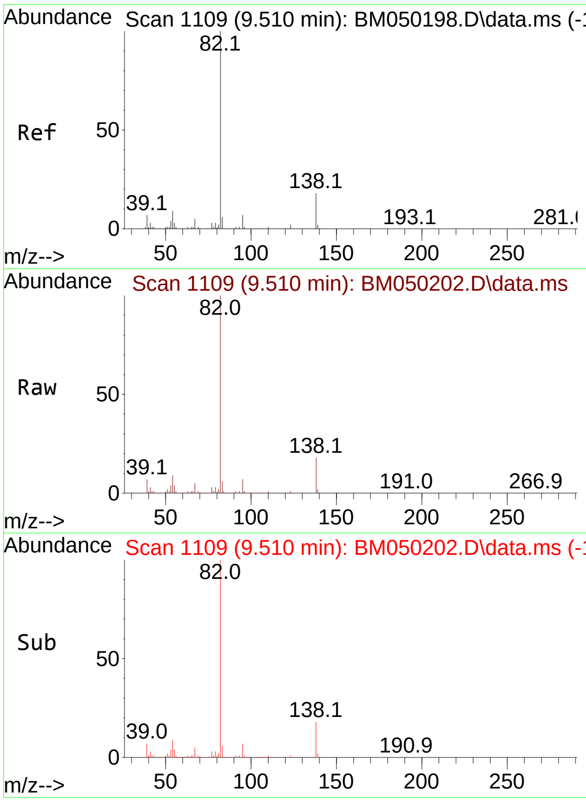


#24
Nitrobenzene
Concen: 38.131 ng
RT: 8.981 min   Scan# 1019
Delta R.T.   -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025   14:36

Tgt Ion: 77 Resp: 897378

Ion	Ratio	Lower	Upper
77	100		
123	48.1	38.2	57.2
65	12.5	9.5	14.3





#25
Isophorone
Concen: 38.498 ng
RT: 9.510 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 82 Resp: 171940

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	18.1	14.2	21.2

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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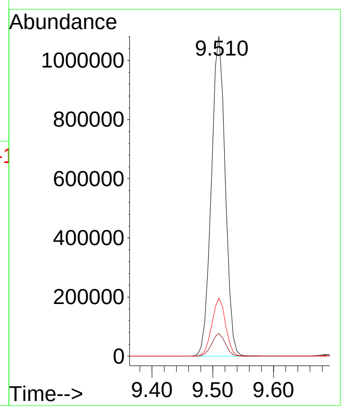
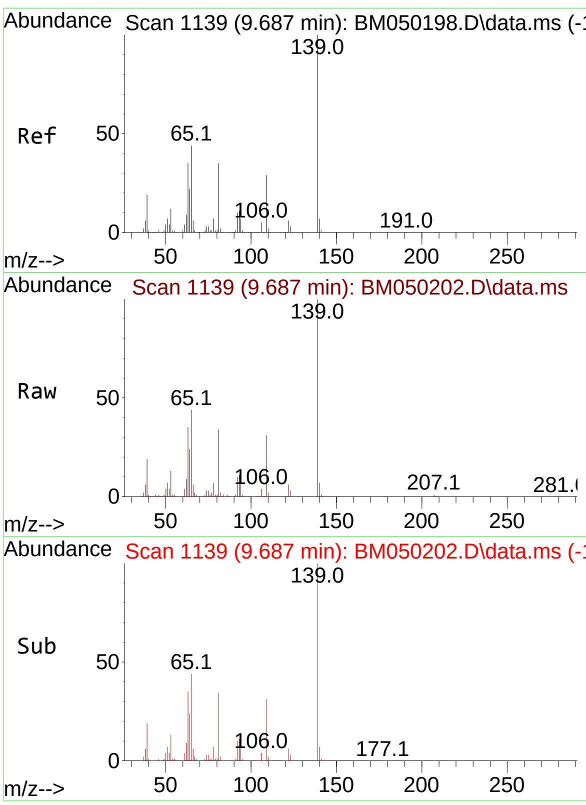
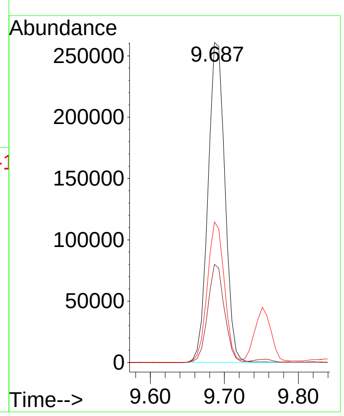


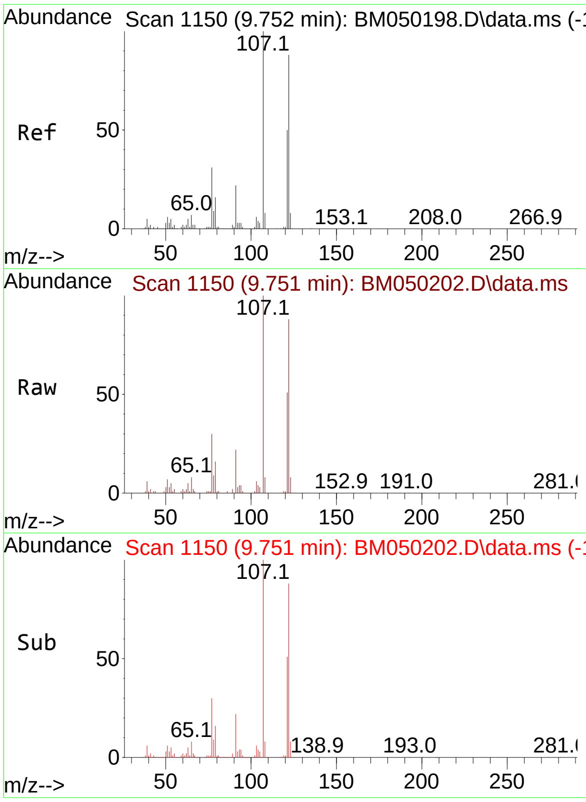


#26
2-Nitrophenol
Concen: 40.867 ng
RT: 9.687 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:139 Resp: 415162

Ion	Ratio	Lower	Upper
139	100		
109	30.6	23.3	34.9
65	43.9	35.2	52.8

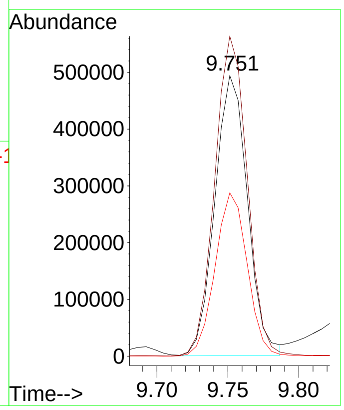




#27
2,4-Dimethylphenol
Concen: 37.886 ng
RT: 9.751 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:122 Resp: 79154

Ion	Ratio	Lower	Upper
122	100		
107	114.0	91.0	136.6
121	58.2	45.8	68.6



Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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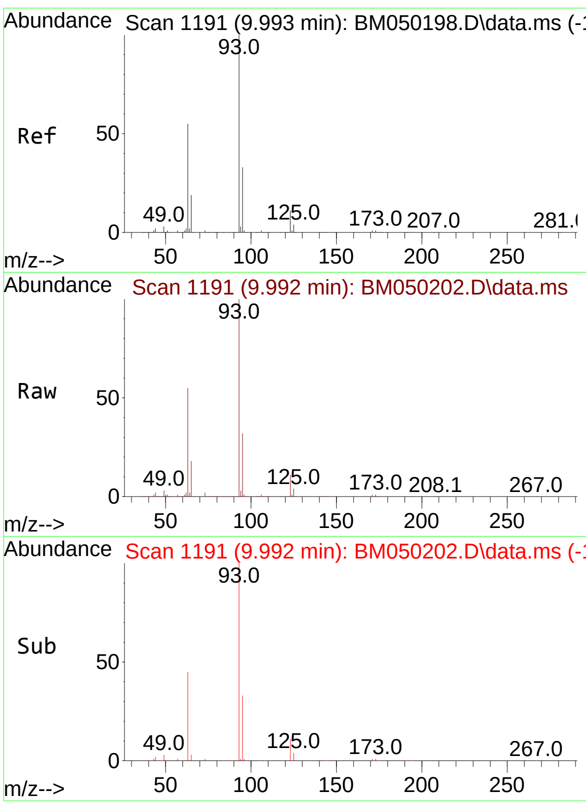
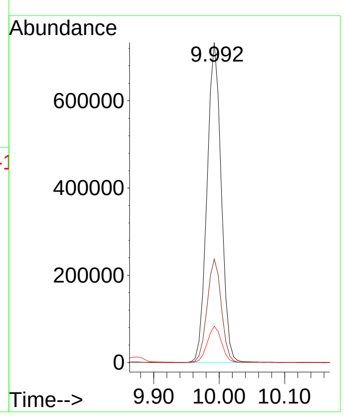


#28
bis(2-Chloroethoxy)methane
Concen: 38.061 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 93 Resp: 1110519

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	11.3	8.9	13.3



ICAL Form

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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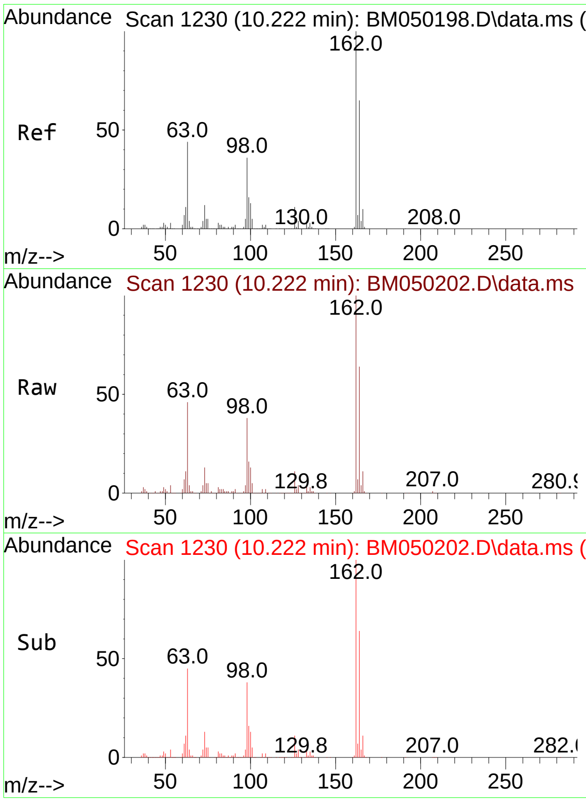
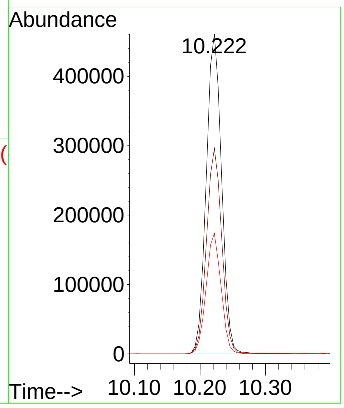
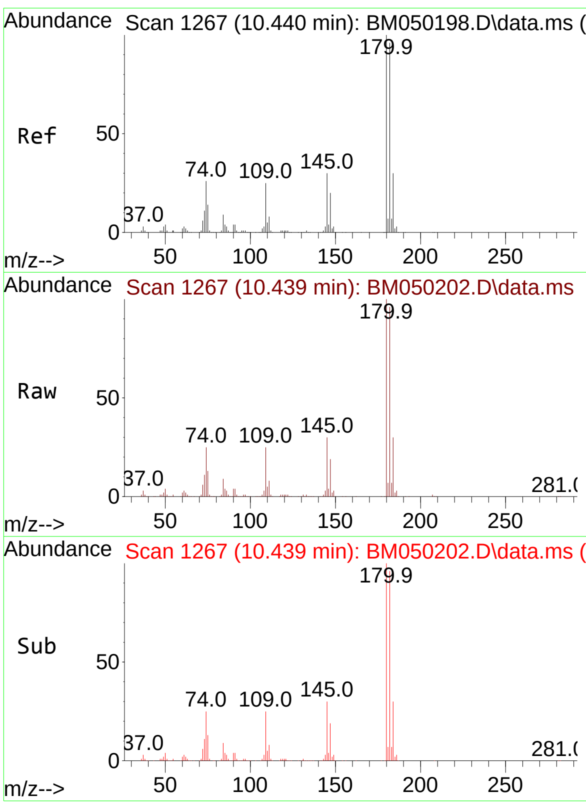
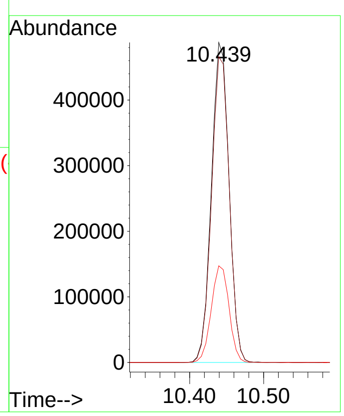



```
#29
2,4-Dichlorophenol
Concen:   38.988 ng
RT:  10.222 min  Scan# 1
Delta R.T.   -0.000 min
Lab File:    BM050202.D
Acq: 05 Jun 2025   14:36

Tgt Ion:162 Resp:  75308
Ion  Ratio  Lower  Upper
162  100
164   64.2   45.0   85.0
 98   37.6   16.3   56.3
```






```
#30
1,2,4-Trichlorobenzene
Concen:   37.573 ng
RT:  10.439 min  Scan# 1267
Delta R.T.   -0.000 min
Lab File:    BM050202.D
Acq: 05 Jun 2025   14:36

Tgt Ion:180 Resp:   807629
Ion  Ratio  Lower  Upper
180  100
182   95.6   76.6  114.8
145   30.2   24.2   36.4
```



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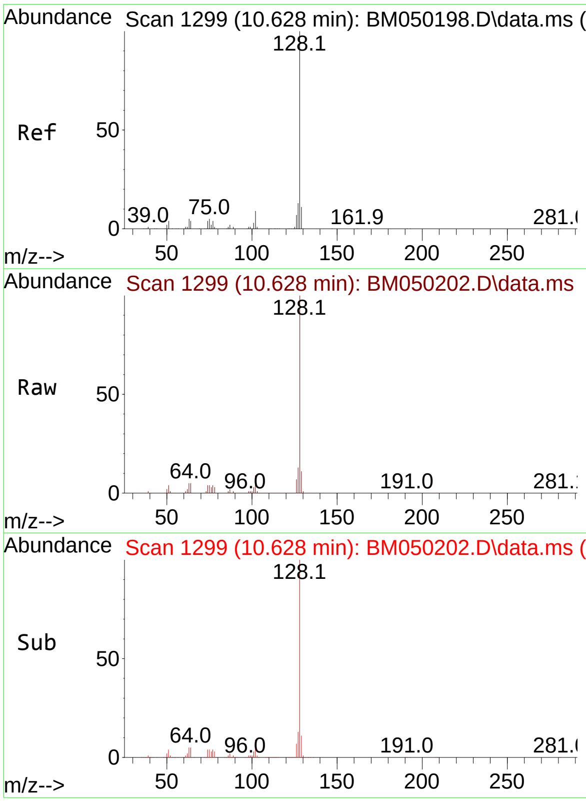

#31
Naphthalene
Concen: 36.633 ng
RT: 10.628 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:128 Resp: 254891

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.6	10.2	15.4

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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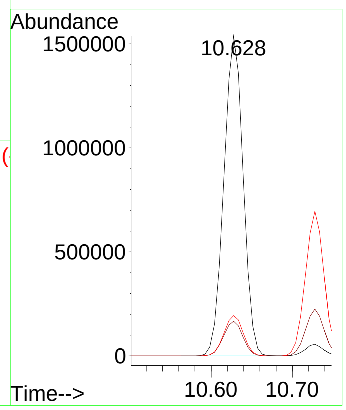
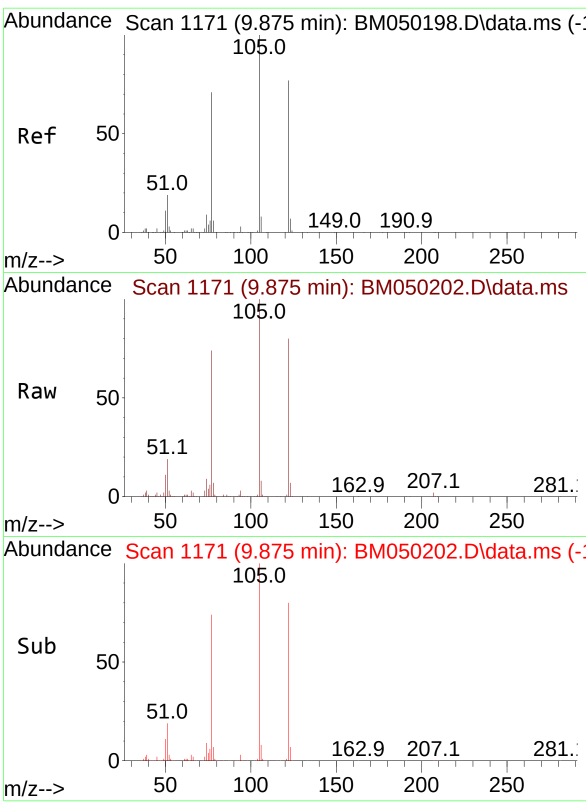
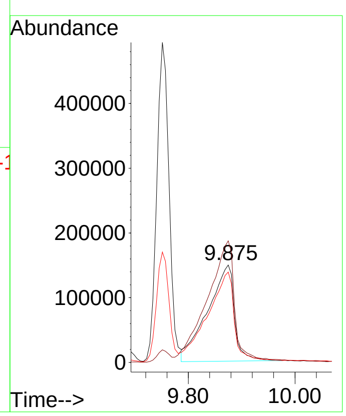


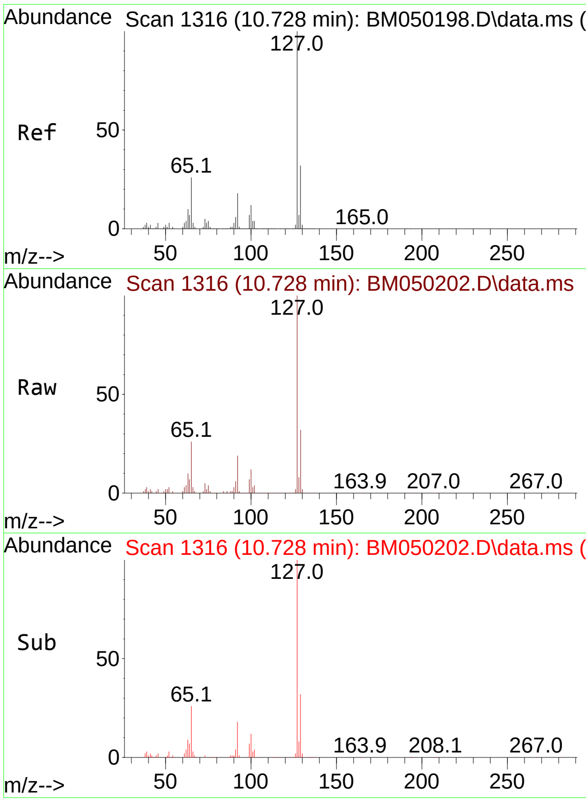


#32
Benzoic acid
Concen: 39.598 ng
RT: 9.875 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:122 Resp: 519441

Ion	Ratio	Lower	Upper
122	100		
105	124.8	103.4	143.4
77	92.7	70.3	110.3





#33
4-Chloroaniline
Concen: 38.018 ng
RT: 10.728 min Scan# 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:127 Resp: 112780

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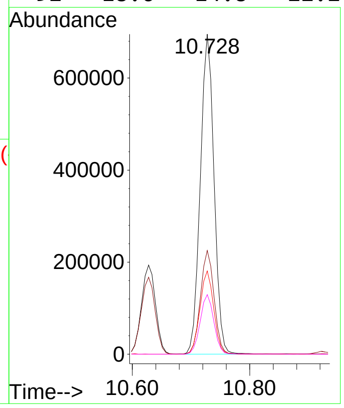
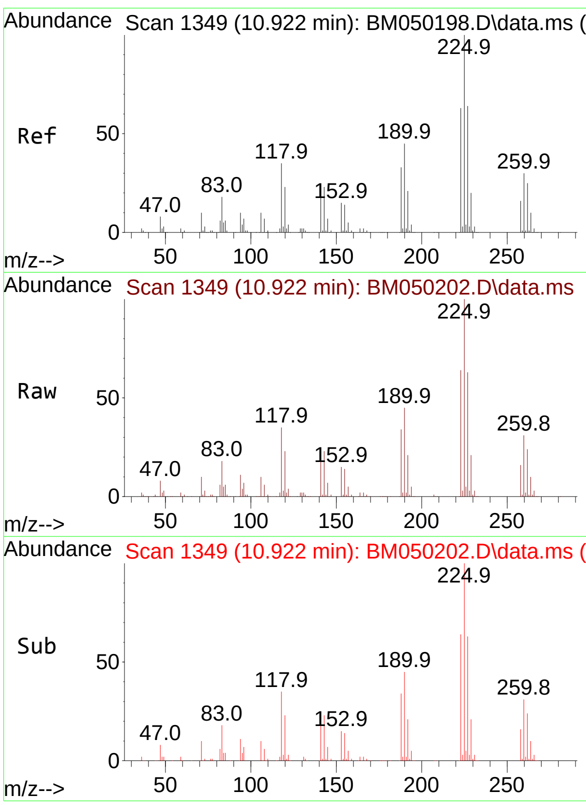
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.0
65	26.0	21.0	31.4
92	18.6	14.8	22.2

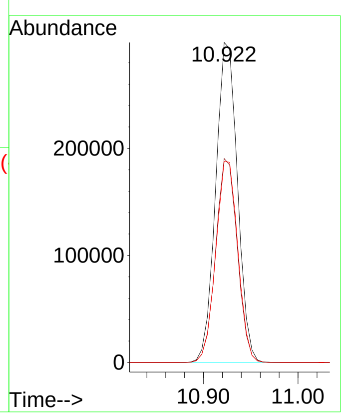




#34
Hexachlorobutadiene
Concen: 37.511 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:225 Resp: 479592

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.2	75.2
227	62.9	51.0	76.4



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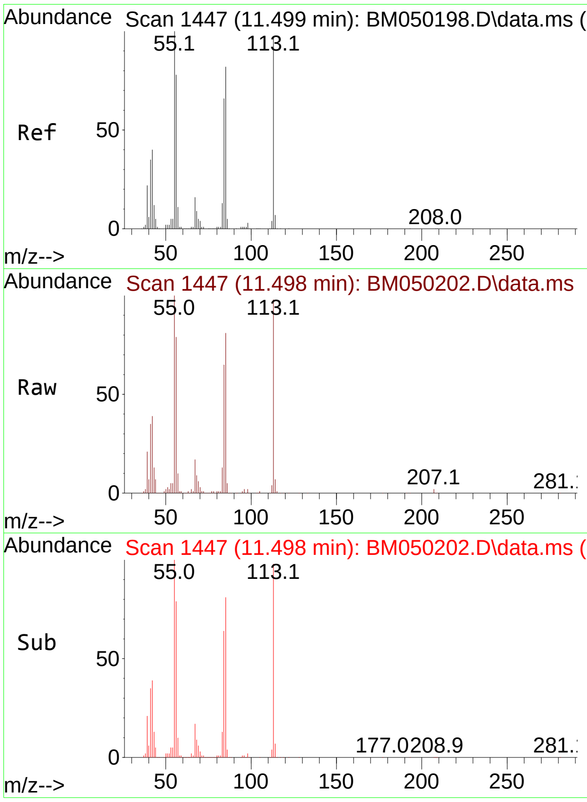

#35
Caprolactam
Concen: 38.807 ng
RT: 11.498 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Tgt Ion:113 Resp: 23764

Ion	Ratio	Lower	Upper
113	100		
55	101.9	83.5	123.5
56	80.6	60.6	100.6

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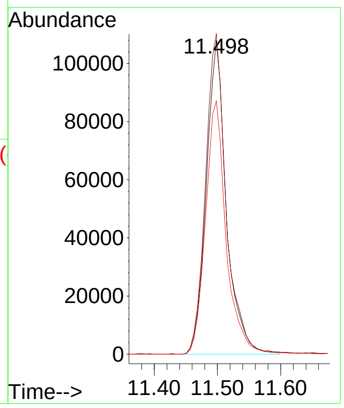
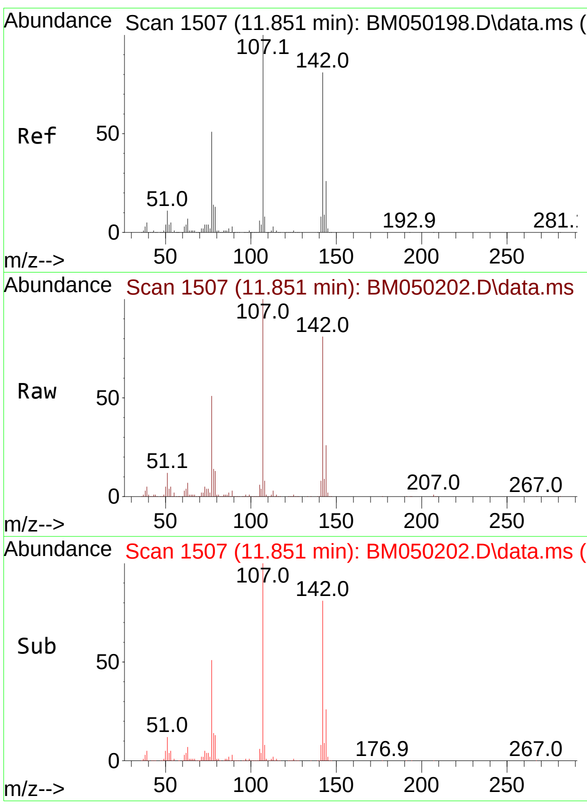
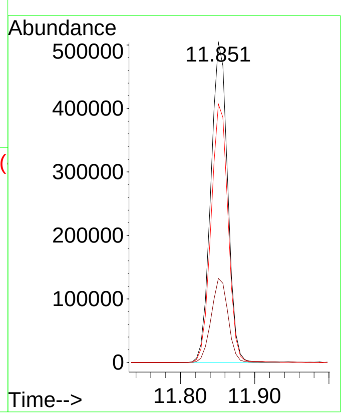




#36
4-Chloro-3-methylphenol
Concen: 38.568 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:107 Resp: 794929

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.0	31.6
142	80.8	64.8	97.2



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Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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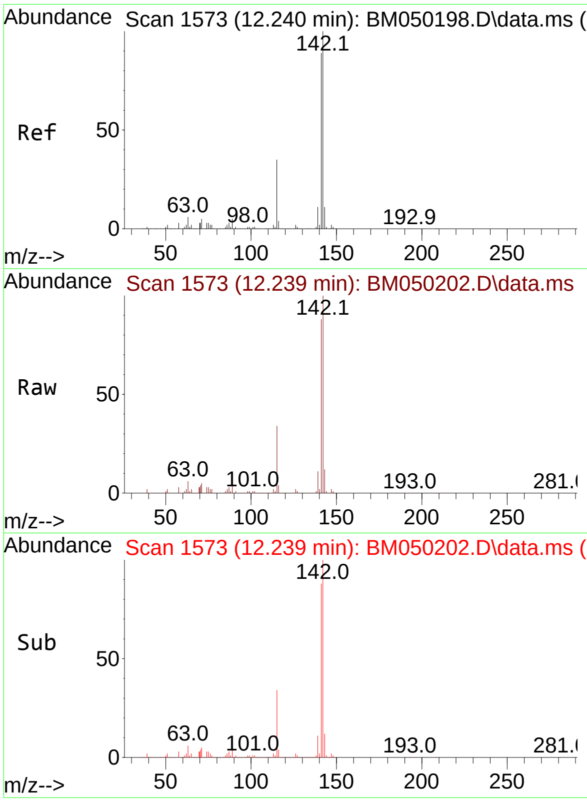
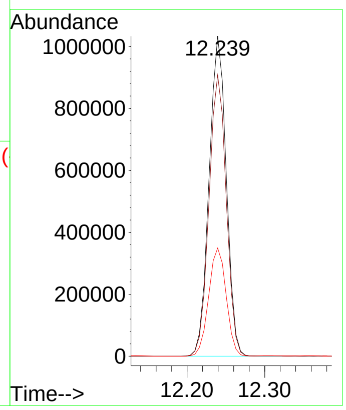
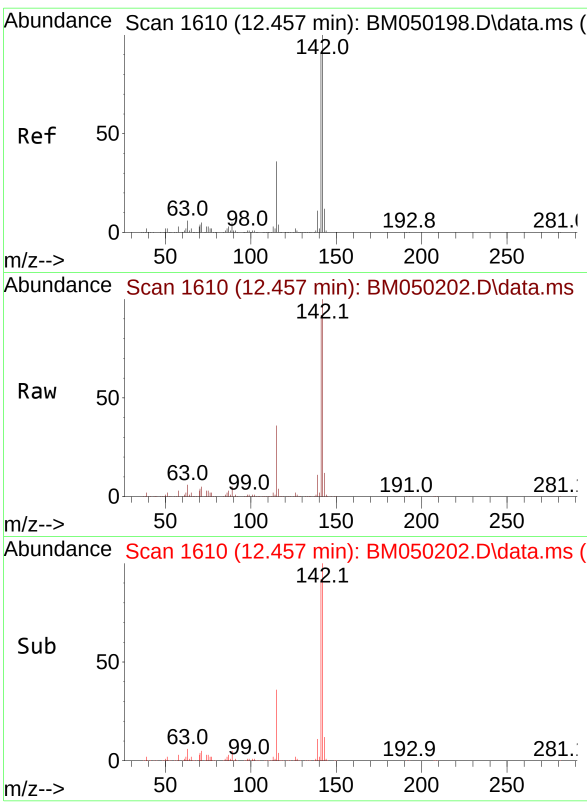


#37
2-Methylnaphthalene
Concen: 37.986 ng
RT: 12.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:142 Resp: 159451

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.5	107.3
115	33.8	27.8	41.8

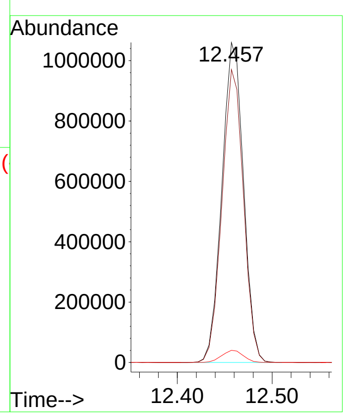




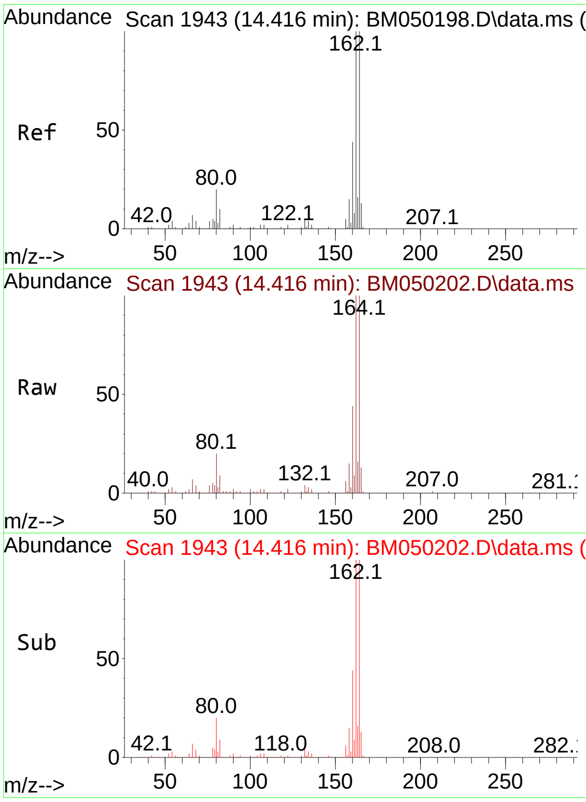
#38
1-Methylnaphthalene
Concen: 37.722 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:142 Resp: 1680613

Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.9	109.3
116	3.8	3.0	4.6



ICAL Form



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Tgt Ion:164 Resp: 82445

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.4
160	44.2	35.7	53.5

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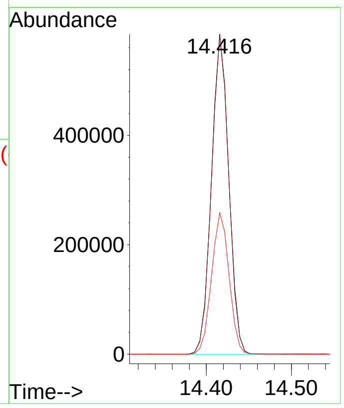
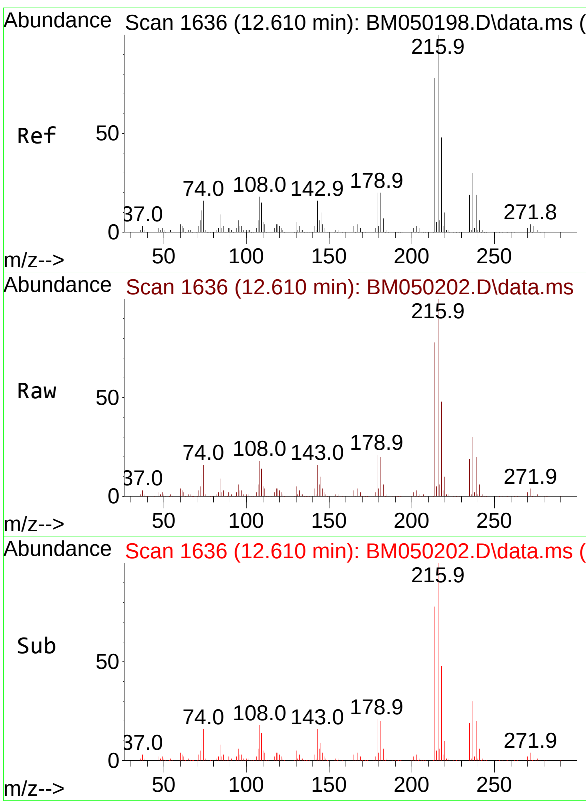
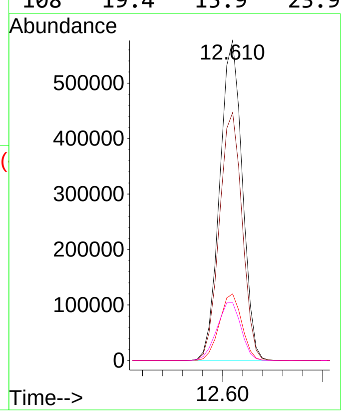




#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.845 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:216 Resp: 900972

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.4
179	20.7	16.6	25.0
108	19.4	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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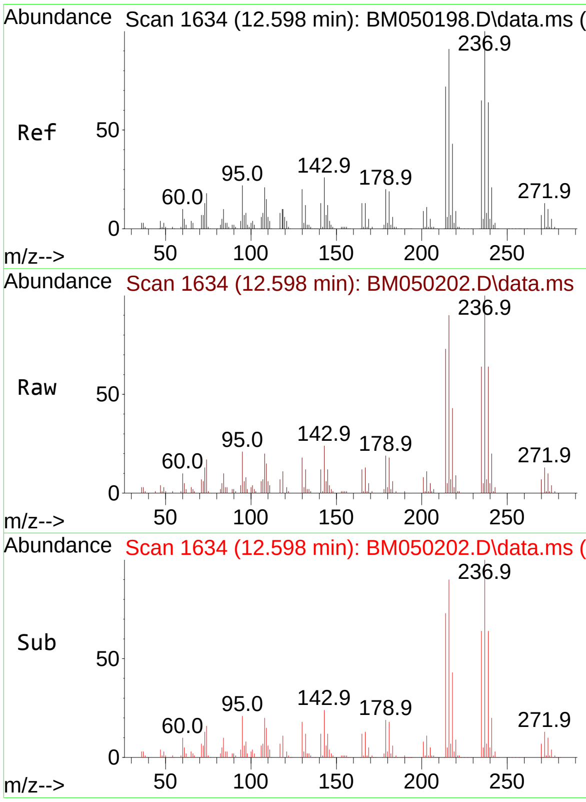
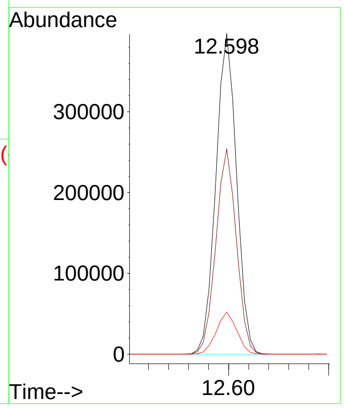
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

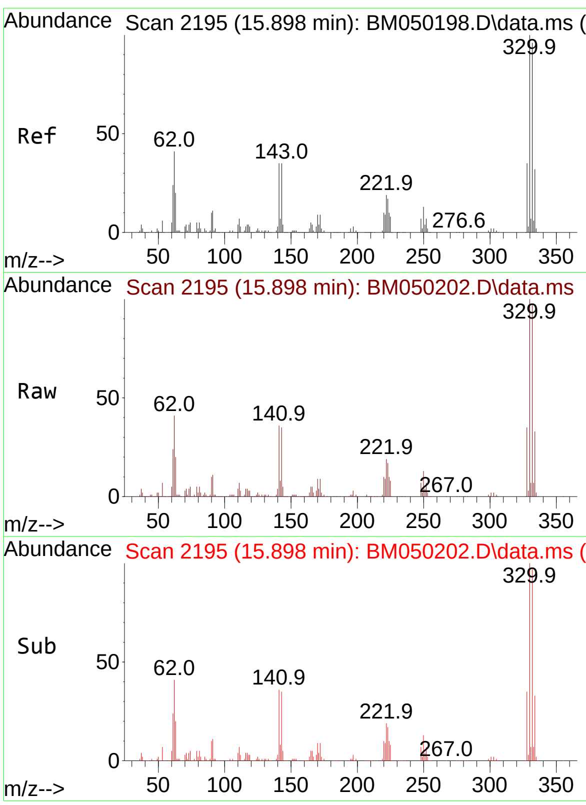


#41
Hexachlorocyclopentadiene
Concen: 39.386 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:237 Resp: 56943

Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.6	84.6
272	13.1	0.0	33.1

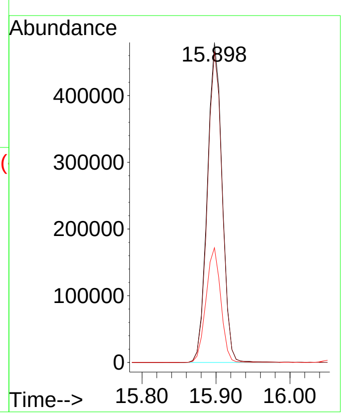


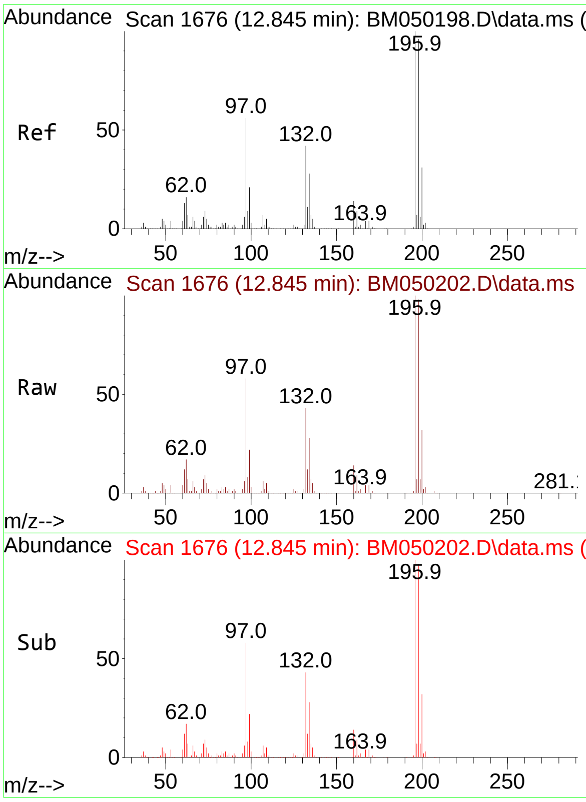


#42
2,4,6-Tribromophenol
Concen: 71.554 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:330 Resp: 671004

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.5	116.3
141	35.6	28.8	43.2





#43
2,4,6-Trichlorophenol
Concen: 38.255 ng
RT: 12.845 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:196 Resp: 59890(

Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.6	115.0
200	32.3	24.5	36.7

Instrument :
BNA_M
ClientSampleId :
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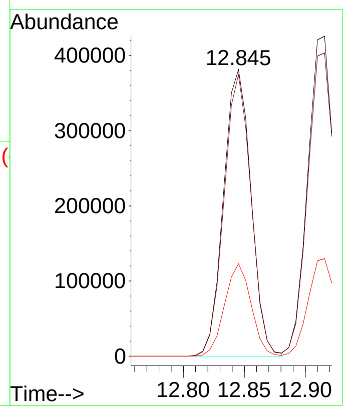
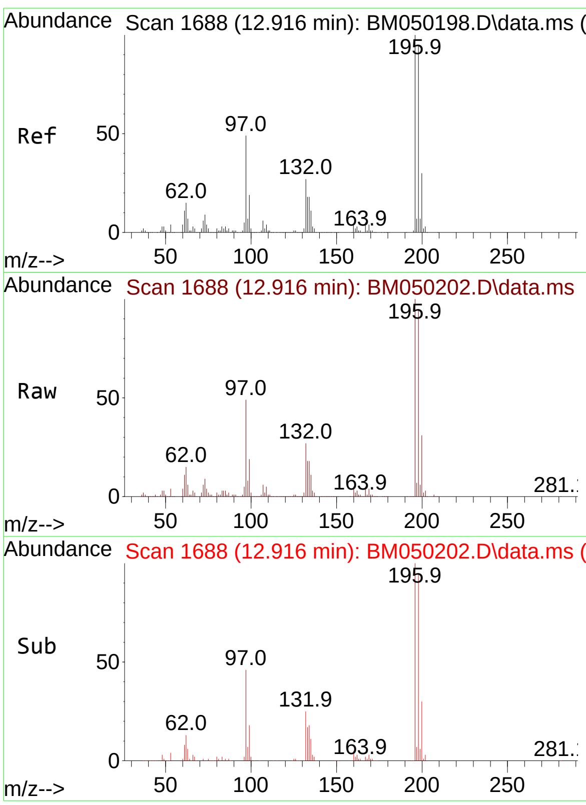
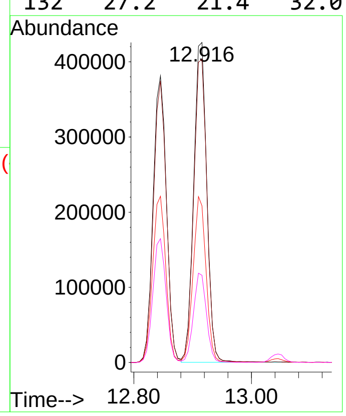




#44
2,4,5-Trichlorophenol
Concen: 38.297 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:196 Resp: 658288

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.1	114.1
97	49.0	39.3	58.9
132	27.2	21.4	32.0



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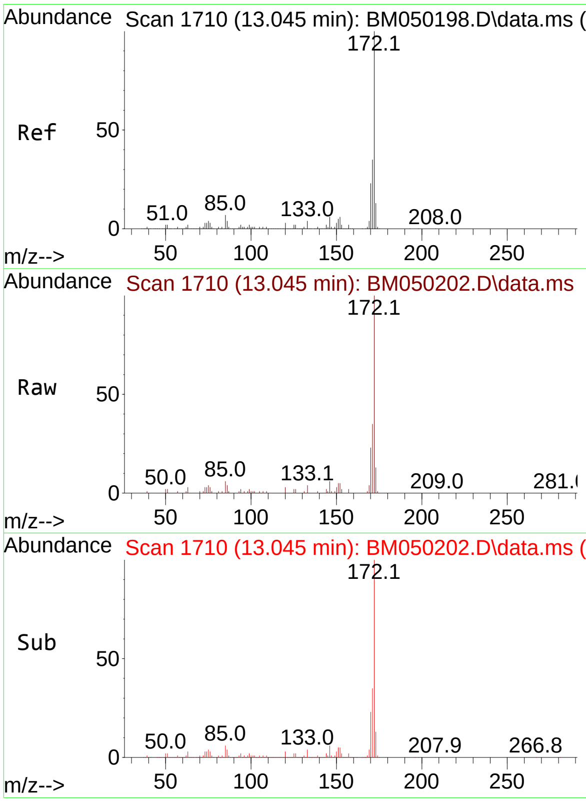

#45
2-Fluorobiphenyl
Concen: 63.026 ng
RT: 13.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:172 Resp: 383807

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	22.9	18.6	27.8

Instrument :
BNA_M
ClientSampleId :
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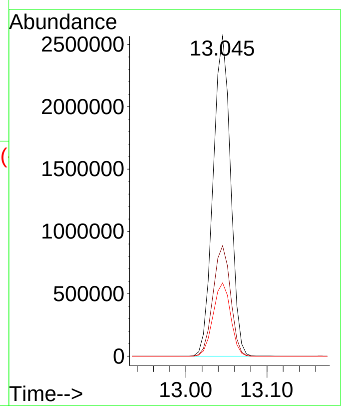
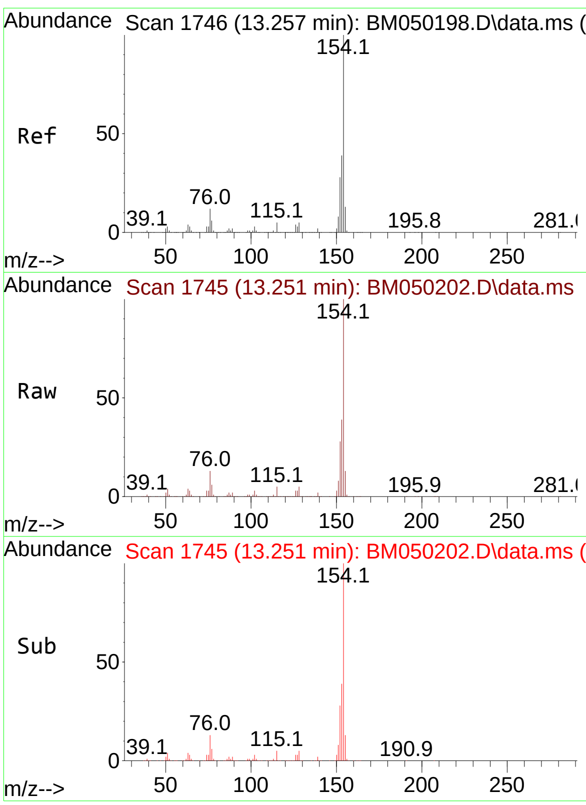
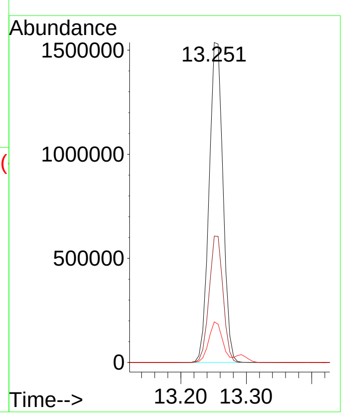


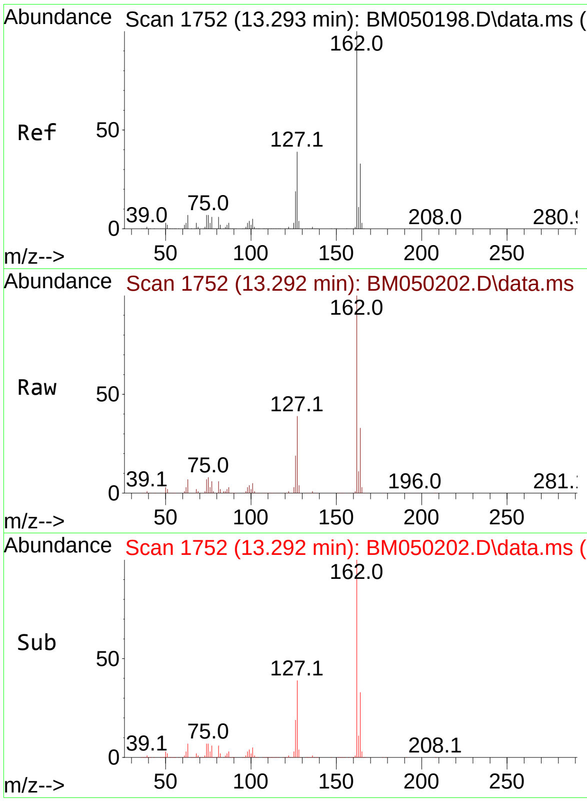


#46
1,1'-Biphenyl
Concen: 36.765 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:154 Resp: 2269641

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.2	59.2
76	12.7	0.0	32.0

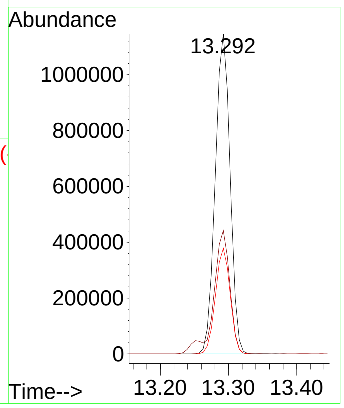




#47
2-Chloronaphthalene
Concen: 36.269 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:162 Resp: 1740708

Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.1	46.7
164	33.0	26.5	39.7



Instrument :
BNA_M
ClientSampleId :
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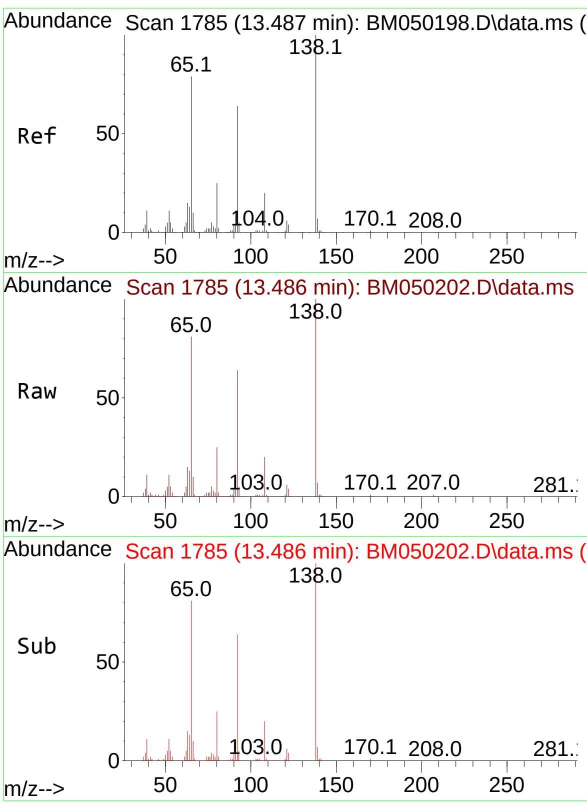
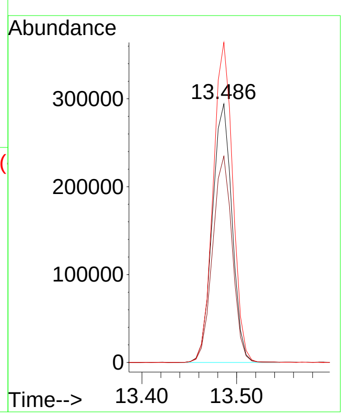


#48
2-Nitroaniline
Concen: 40.253 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 65 Resp: 425146

Ion	Ratio	Lower	Upper
65	100		
92	79.8	64.2	96.4
138	123.8	101.0	151.4



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Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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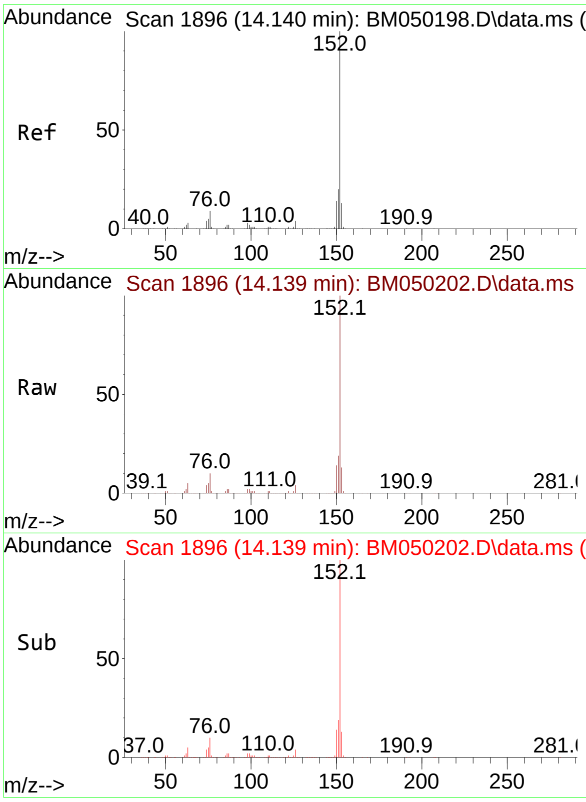
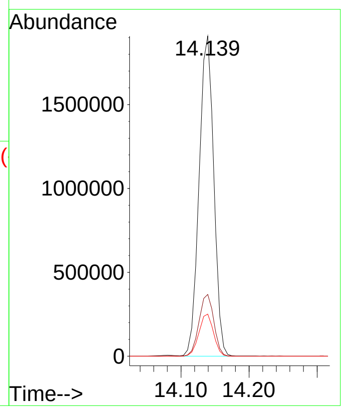
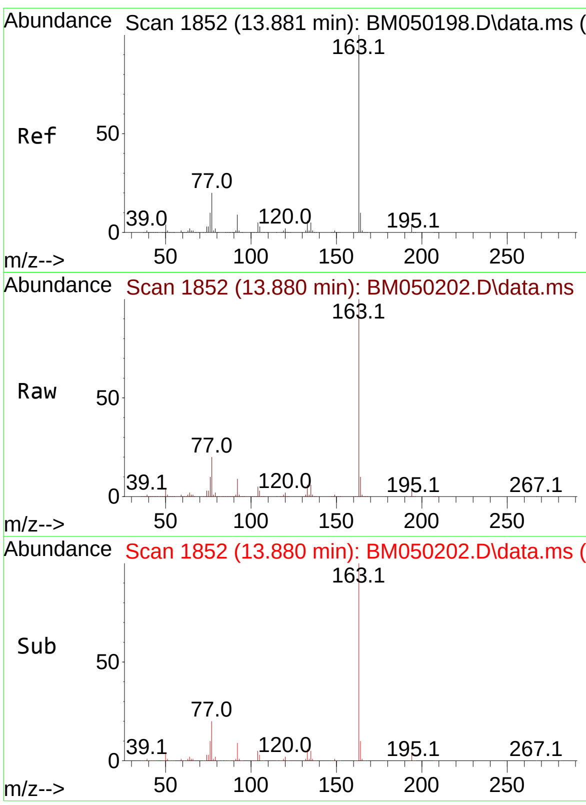


#49
Acenaphthylene
Concen: 36.877 ng
RT: 14.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:152 Resp: 286268

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.6
153	13.1	10.4	15.6

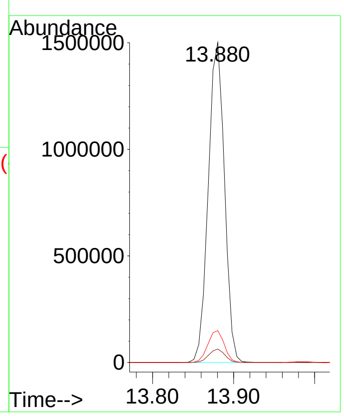




#50
Dimethylphthalate
Concen: 37.379 ng
RT: 13.880 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:163 Resp: 2084186

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.9	7.9	11.9



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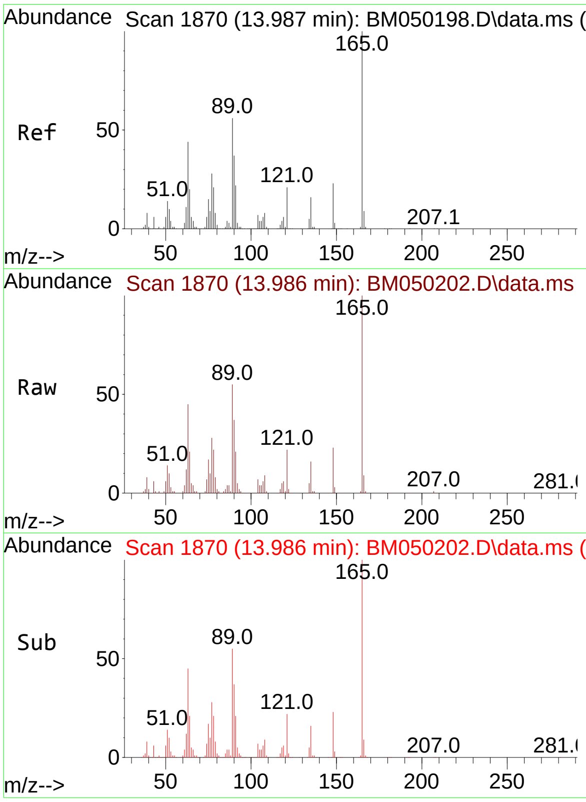


```
#51
2,6-Dinitrotoluene
Concen:   39.718 ng
RT:  13.986 min  Scan# 1
Delta R.T.   -0.000 min
Lab File:    BM050202.D
Acq: 05 Jun 2025  14:36

Tgt Ion:165 Resp:  44660
Ion  Ratio  Lower  Upper
165  100
 63   45.4   35.8   53.6
 89   55.3   44.8   67.2
```

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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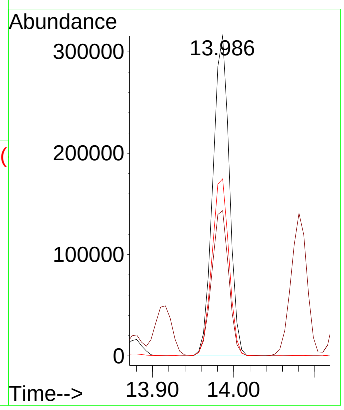
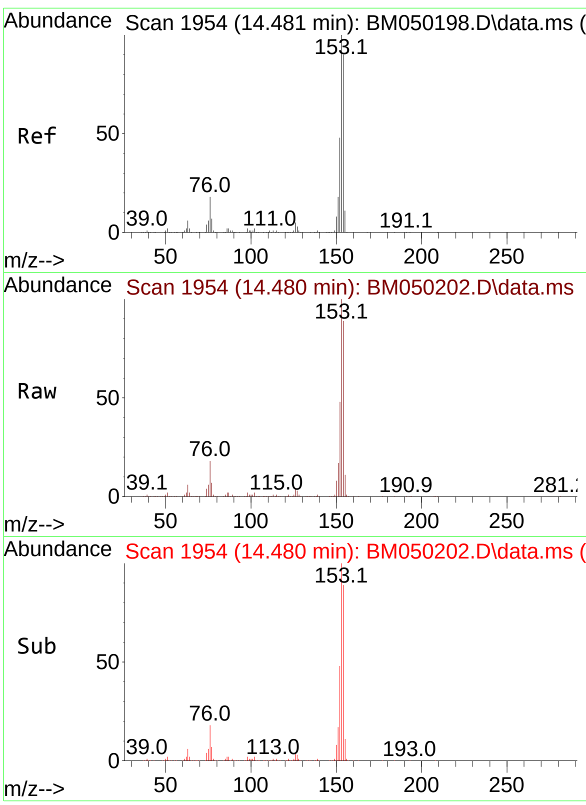
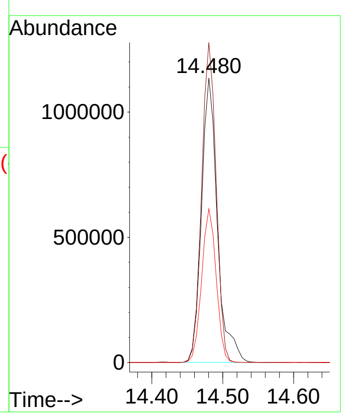
Supervised By :Jagrut Upadhyay 06/06/2025






```
#52
Acenaphthene
Concen:   36.444 ng
RT:  14.480 min  Scan# 1954
Delta R.T.   -0.000 min
Lab File:    BM050202.D
Acq: 05 Jun 2025  14:36

Tgt Ion:154 Resp: 1769507
Ion  Ratio  Lower  Upper
154  100
153  112.5   88.7  133.1
152   54.0   42.6   63.8
```



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Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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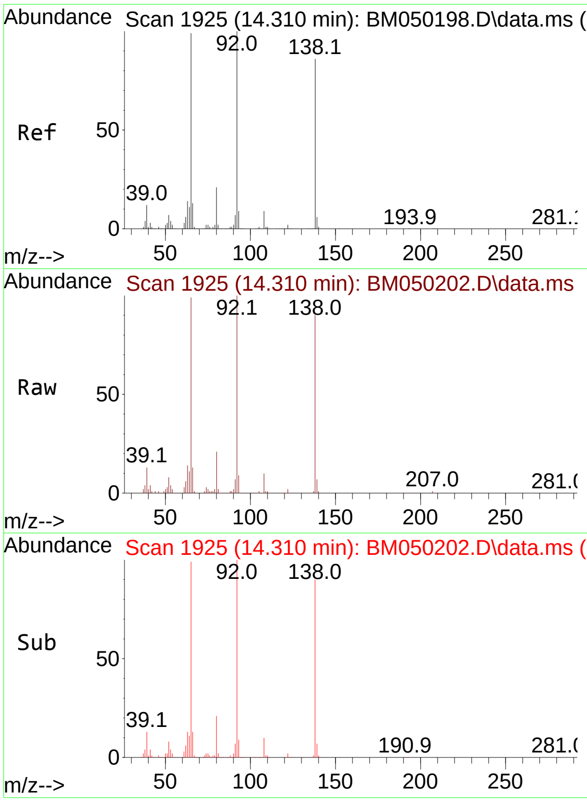
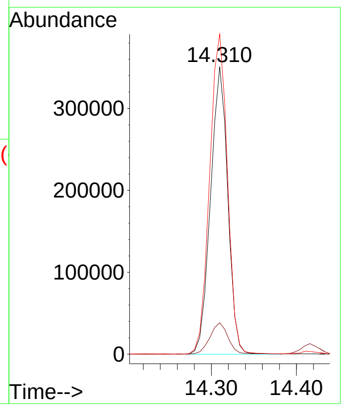
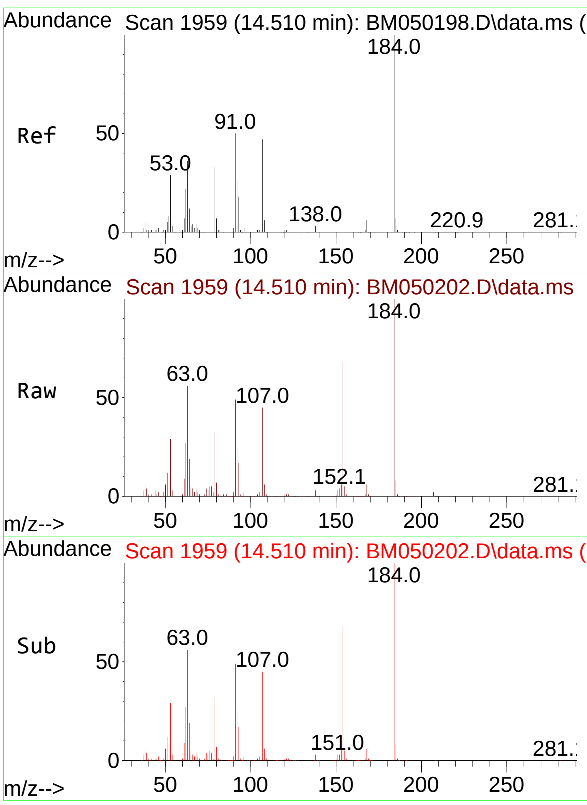
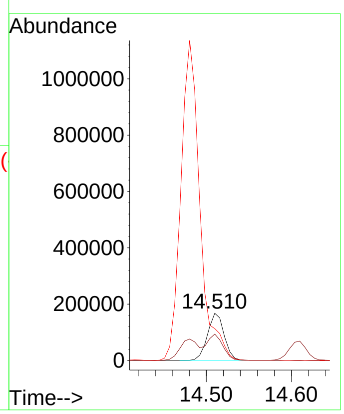


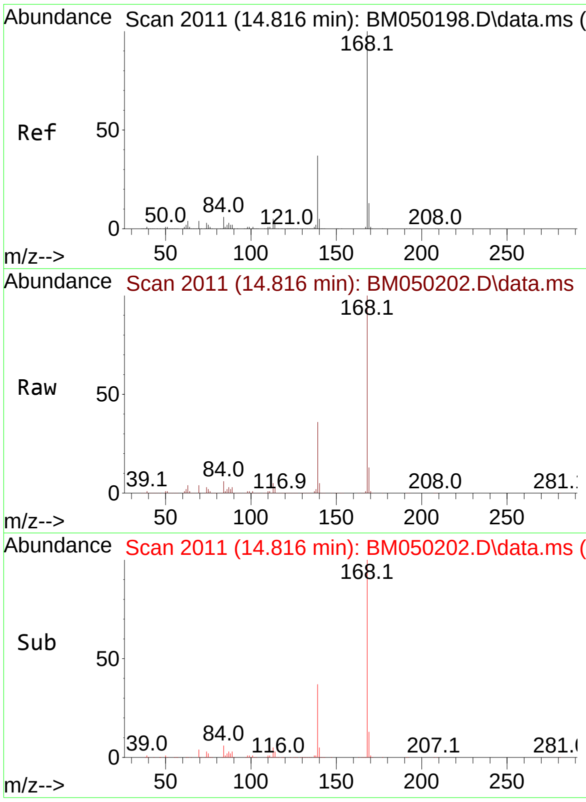

```
#53
3-Nitroaniline
Concen:   39.347 ng
RT:  14.310 min  Scan# 1
Delta R.T.   -0.000 min
Lab File:    BM050202.D
Acq: 05 Jun 2025  14:36

Tgt Ion:138 Resp:  49309
Ion  Ratio  Lower  Upper
138  100
108   10.9    8.8   13.2
 92  111.4   92.9  139.3
```






```
#54
2,4-Dinitrophenol
Concen:   34.596 ng
RT:  14.510 min  Scan# 1959
Delta R.T.   -0.000 min
Lab File:    BM050202.D
Acq: 05 Jun 2025  14:36

Tgt Ion:184 Resp:  228596
Ion  Ratio  Lower  Upper
184  100
 63   56.0   45.3   67.9
154   67.7   54.3   81.5
```





#55
Dibenzofuran
Concen: 36.397 ng
RT: 14.816 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Tgt Ion:168 Resp: 258545

Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.9	44.9
169	12.9	10.6	16.0

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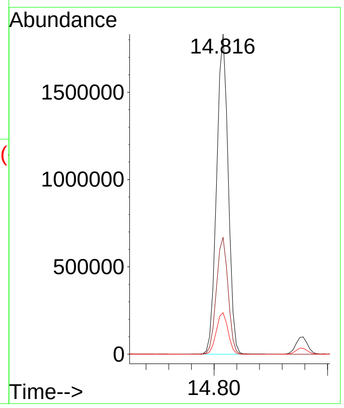
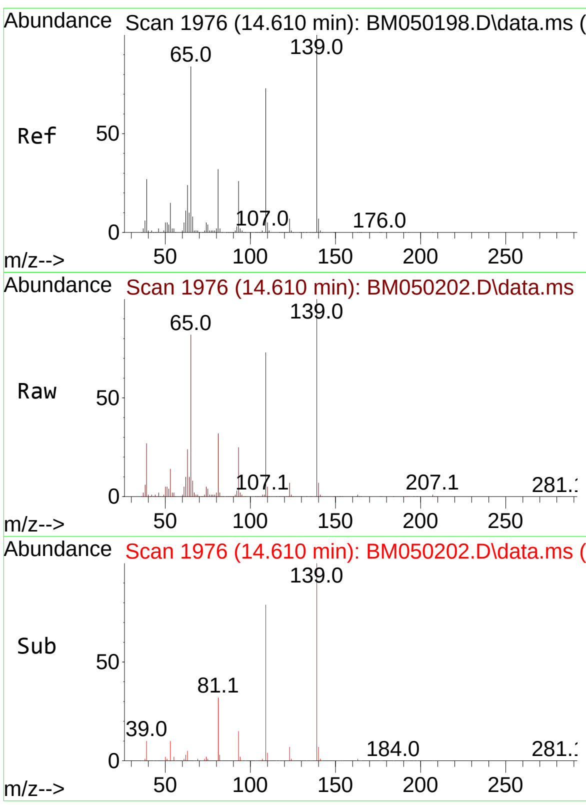
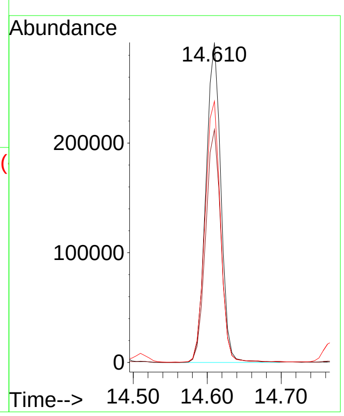


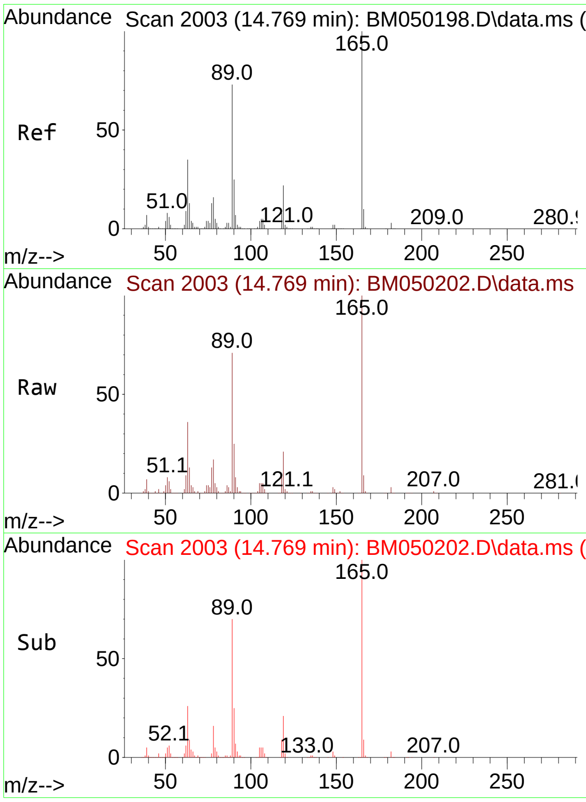


#56
4-Nitrophenol
Concen: 38.588 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:139 Resp: 411593

Ion	Ratio	Lower	Upper
139	100		
109	72.8	52.6	92.6
65	81.6	64.3	104.3





#57
2,4-Dinitrotoluene
Concen: 39.946 ng
RT: 14.769 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Tgt Ion:165 Resp: 59252

Ion	Ratio	Lower	Upper
165	100		
63	35.6	28.4	42.6
89	71.3	58.0	87.0
182	2.7	2.2	3.2

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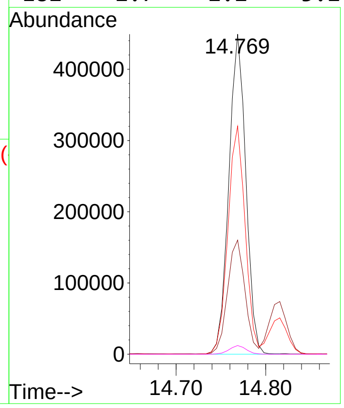
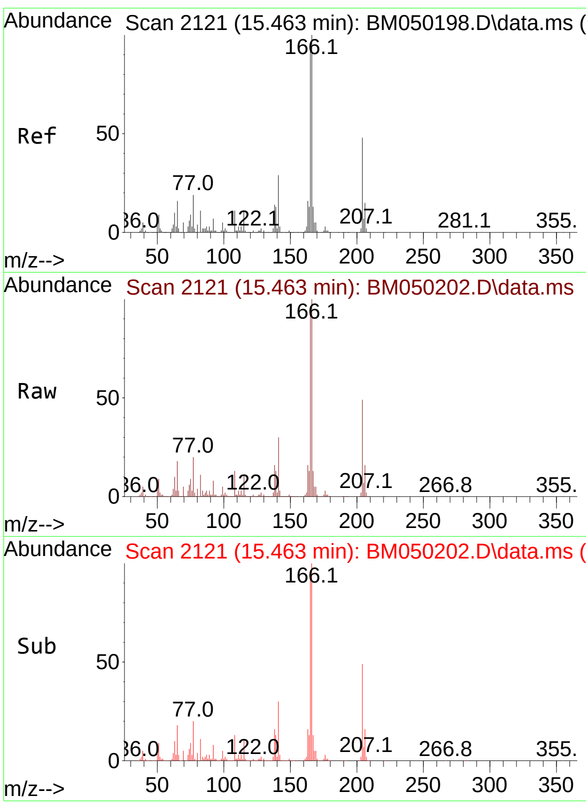
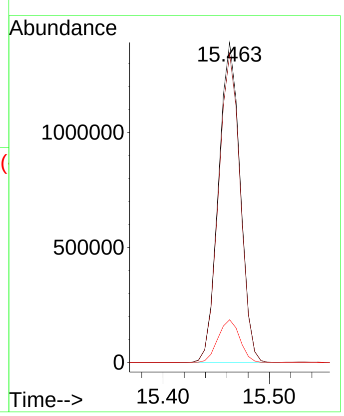


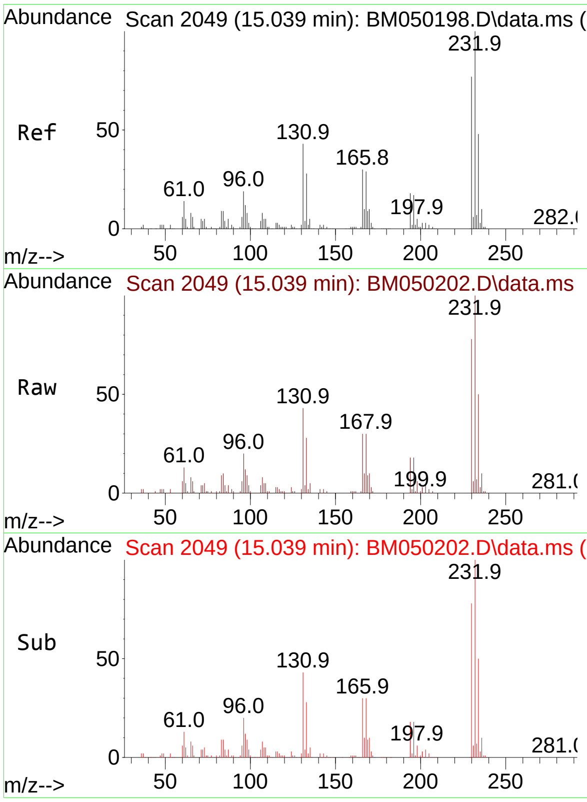


#58
Fluorene
Concen: 36.130 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:166 Resp: 1965747

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.0	115.4
167	13.3	10.7	16.1

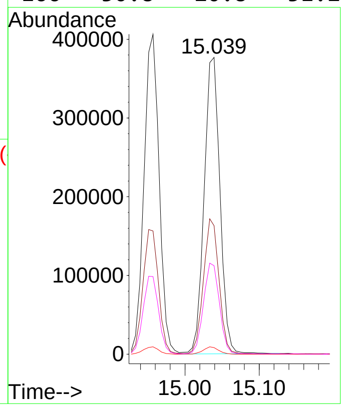




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.508 ng
RT: 15.039 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:232 Resp: 557824

Ion	Ratio	Lower	Upper
232	100		
131	44.8	32.9	49.3
130	2.4	1.8	2.8
166	30.8	20.8	31.2



Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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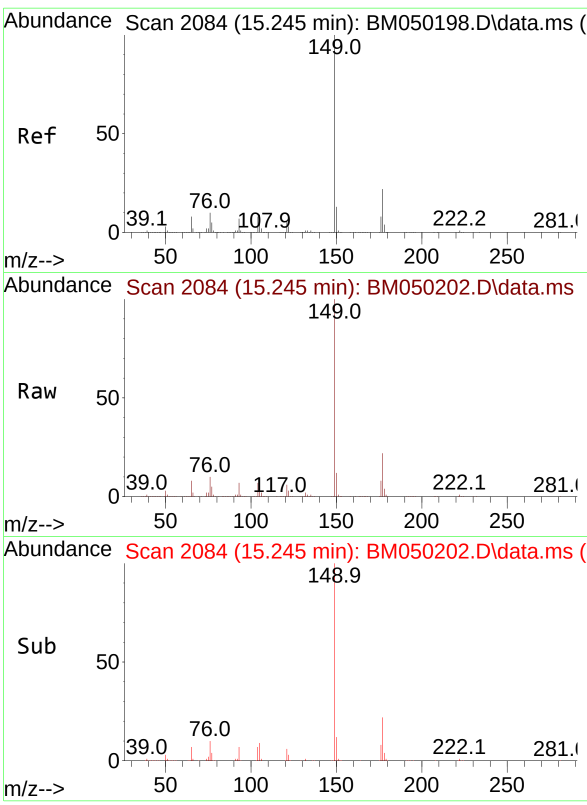
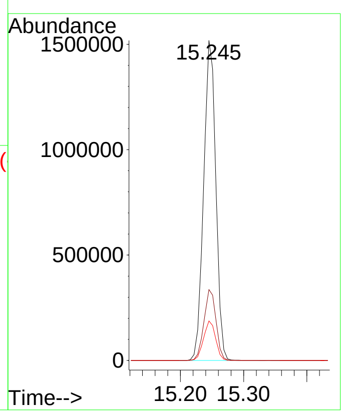


#60
Diethylphthalate
Concen: 36.717 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:149 Resp: 2031289

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.2	25.8
150	12.4	10.0	15.0



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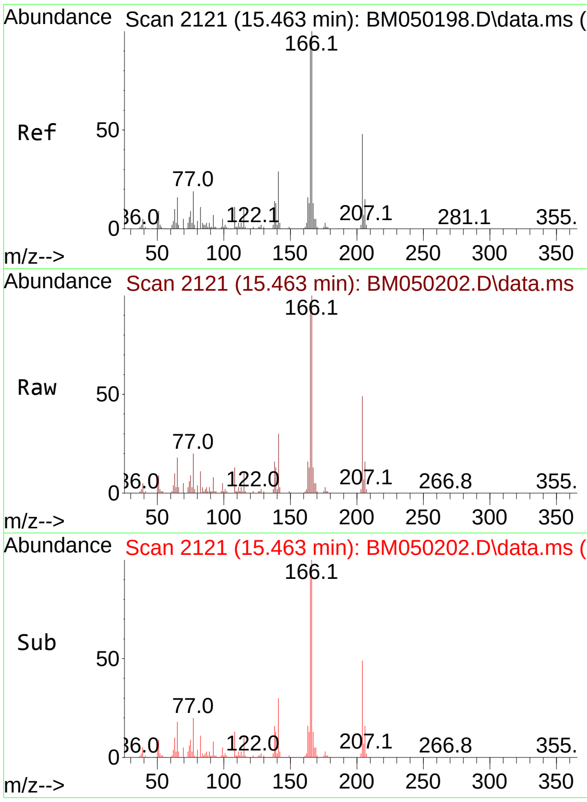

#61
4-Chlorophenyl-phenylether
Concen: 36.132 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Tgt Ion:204 Resp: 95009

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.4	38.0
141	60.1	47.9	71.9

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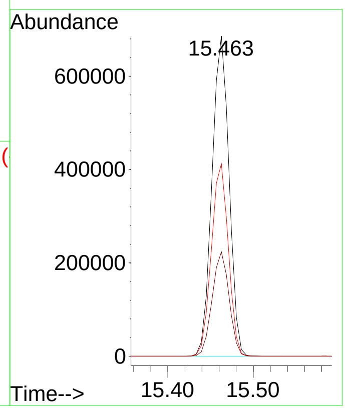
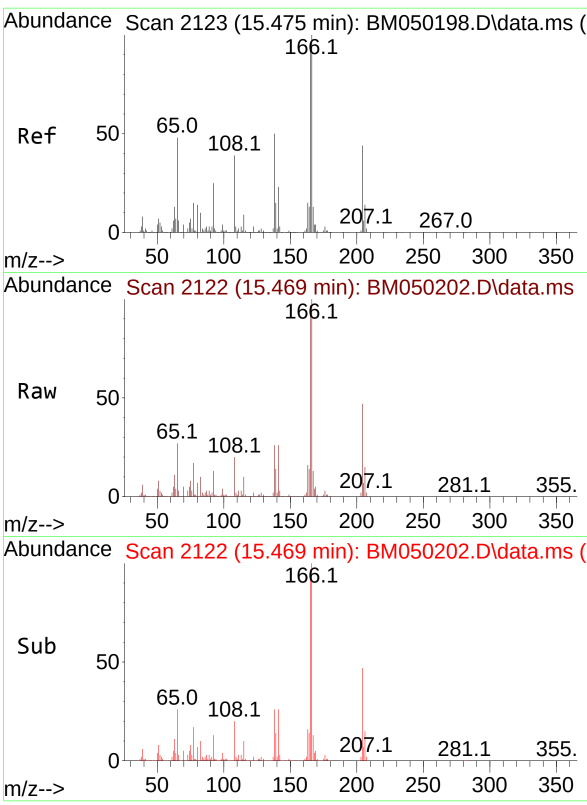
Supervised By :Jagrut Upadhyay 06/06/2025

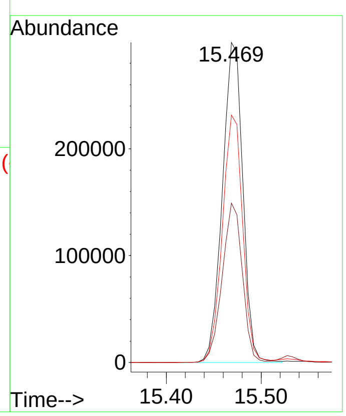




#62
4-Nitroaniline
Concen: 38.283 ng
RT: 15.469 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:138 Resp: 449658

Ion	Ratio	Lower	Upper
138	100		
92	49.8	28.8	68.8
108	77.3	58.1	98.1



Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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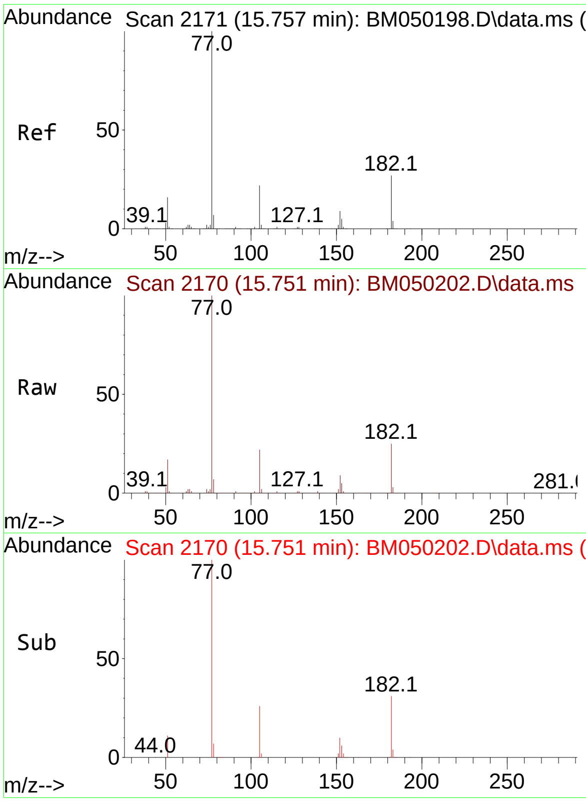
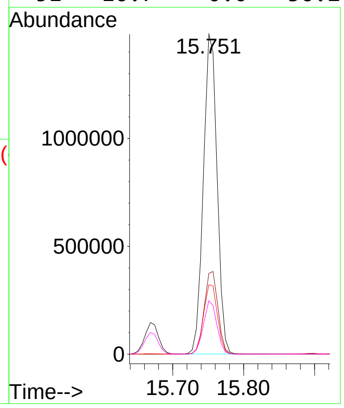
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

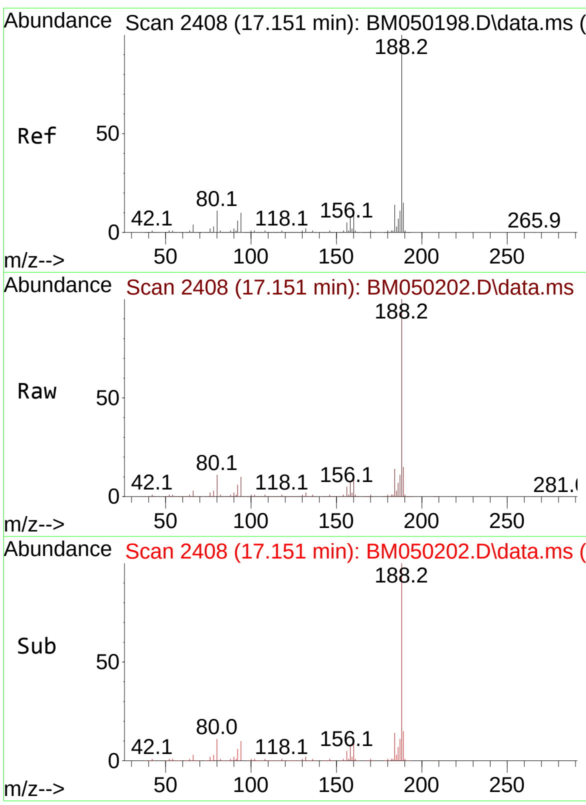


#63
Azobenzene
Concen: 36.142 ng
RT: 15.751 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 77 Resp: 199848

Ion	Ratio	Lower	Upper
77	100		
182	25.2	6.8	46.8
105	21.7	1.7	41.7
51	16.7	0.0	36.2

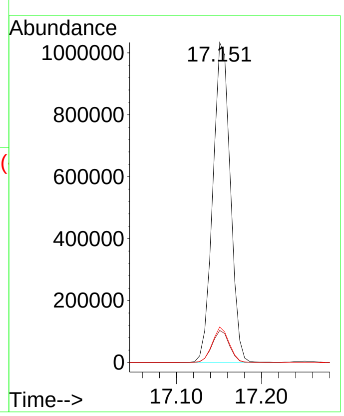




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:188 Resp: 1474581

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	11.1	8.6	13.0



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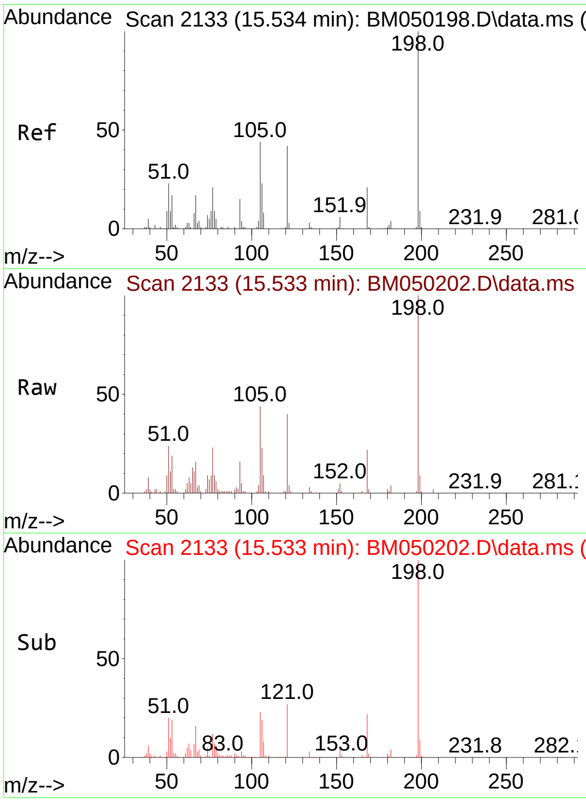

#65
4,6-Dinitro-2-methylphenol
Concen: 38.808 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:198 Resp: 31255

Ion	Ratio	Lower	Upper
198	100		
51	23.8	4.5	44.5
105	44.1	24.9	64.9

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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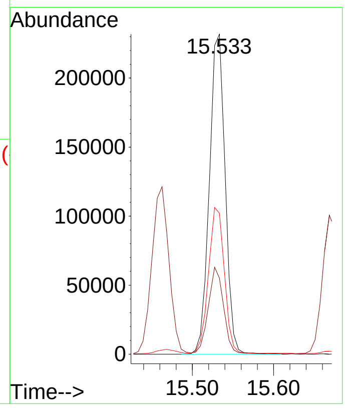
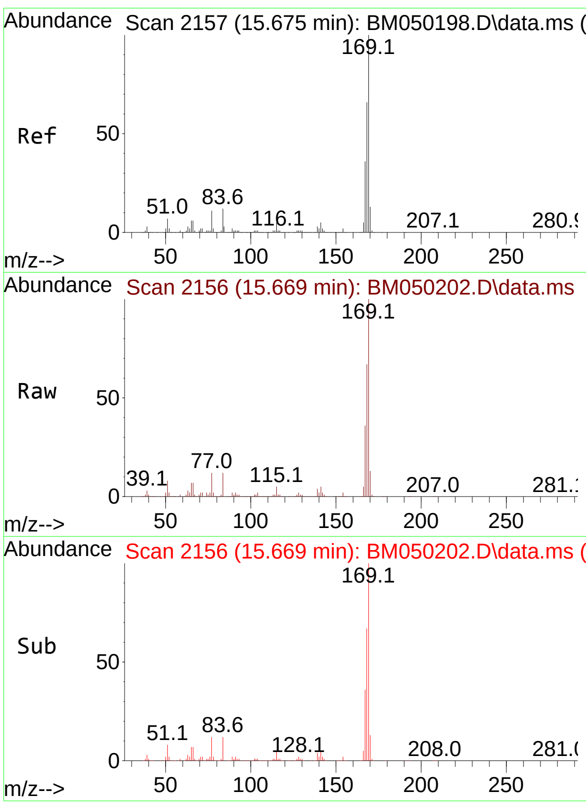
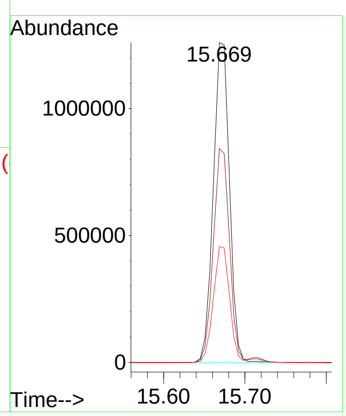




#66
n-Nitrosodiphenylamine
Concen: 37.727 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:169 Resp: 1747981

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.1	79.7
167	36.2	29.0	43.6



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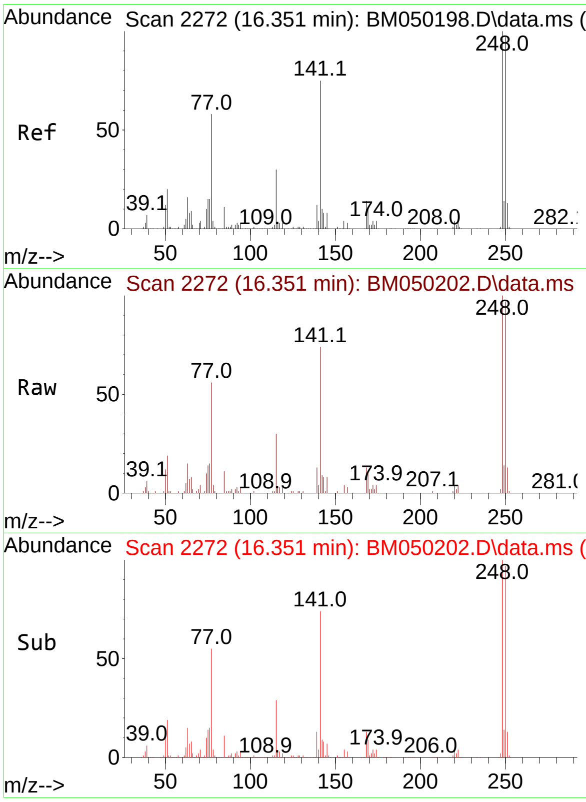

#67
4-Bromophenyl-phenylether
Concen: 38.453 ng
RT: 16.351 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Tgt Ion:248 Resp: 60466(

Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.0	117.0
141	73.9	60.1	90.1

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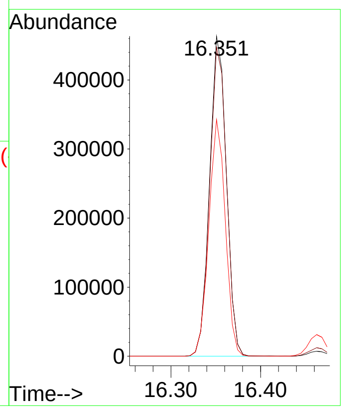
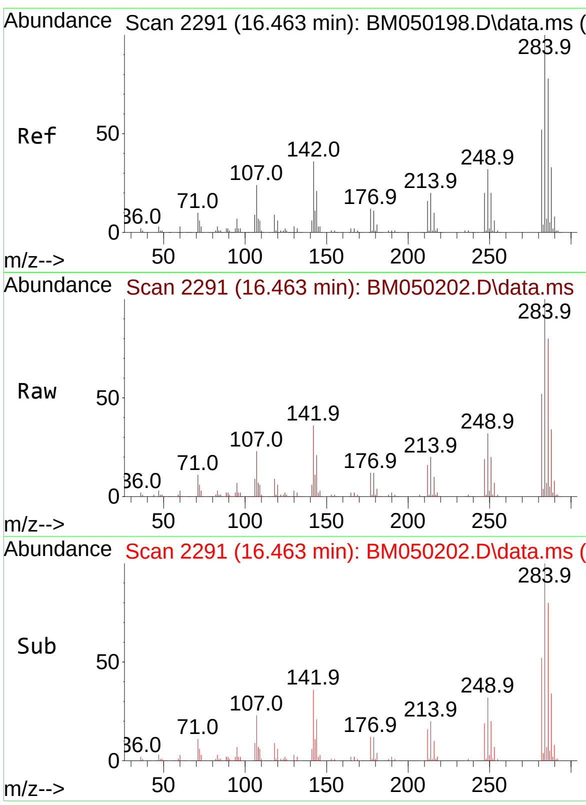
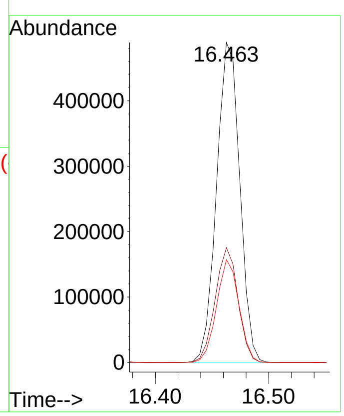




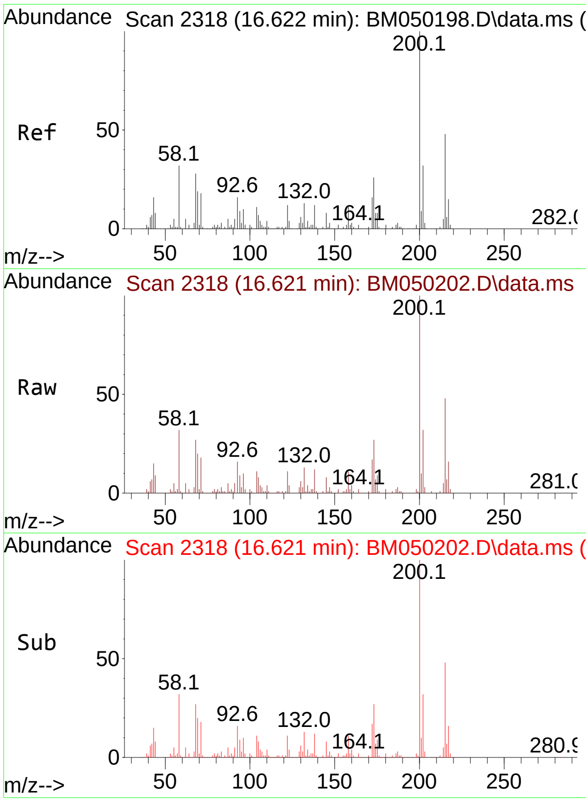
#68
Hexachlorobenzene
Concen: 37.911 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:284 Resp: 696502

Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.8	43.2
249	32.1	25.8	38.6



ICAL Form



#69
Atrazine
Concen: 39.186 ng
RT: 16.621 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:200 Resp: 57849

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.0	46.0
215	48.0	28.1	68.1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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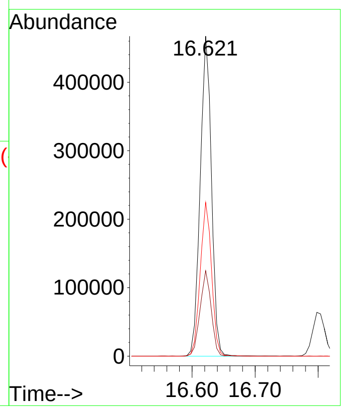
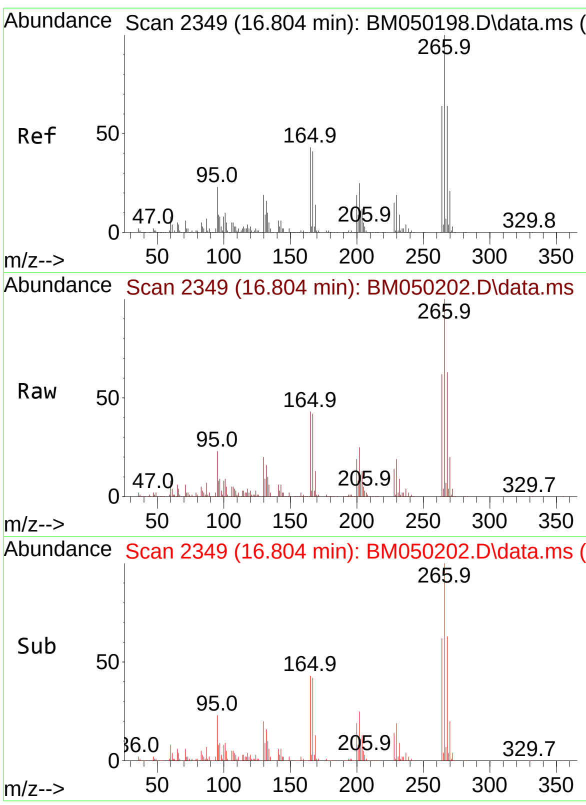
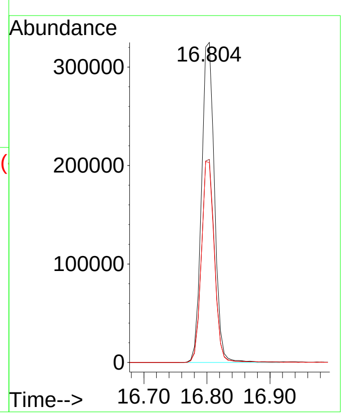




#70
Pentachlorophenol
Concen: 38.925 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:266 Resp: 464946

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.0	76.6
264	62.5	50.8	76.2



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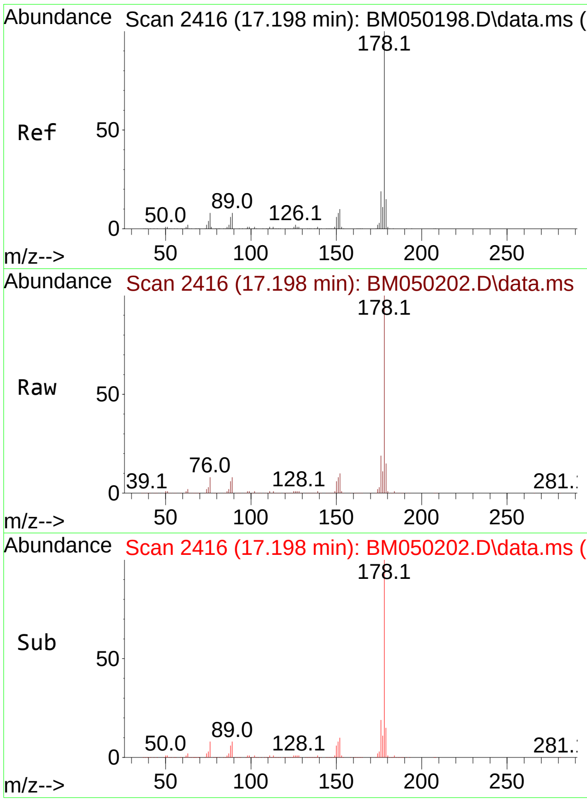
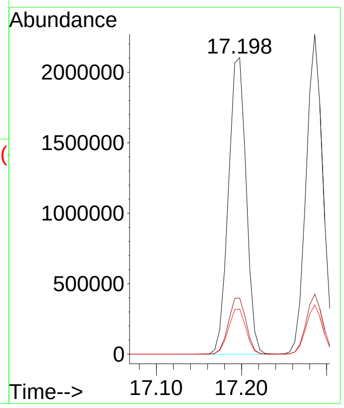


#71
Phenanthrene
Concen: 36.170 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:178 Resp: 304686

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.2	12.3	18.5



Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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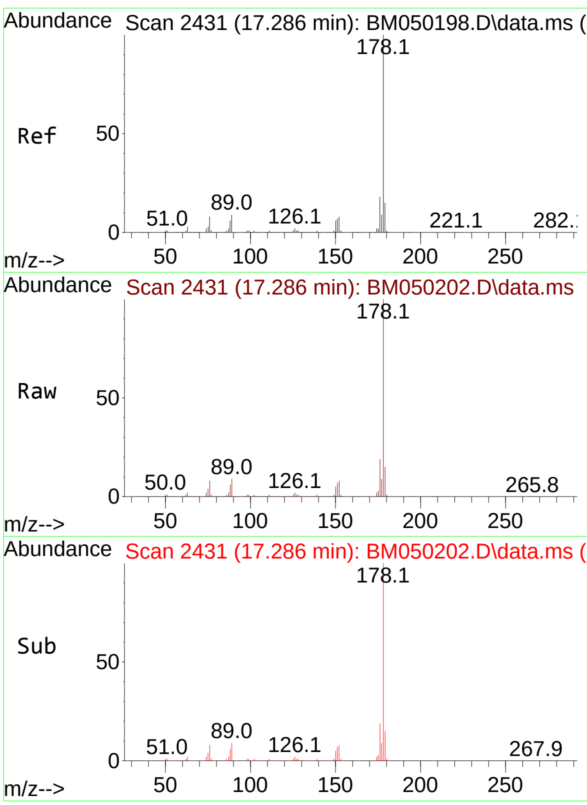
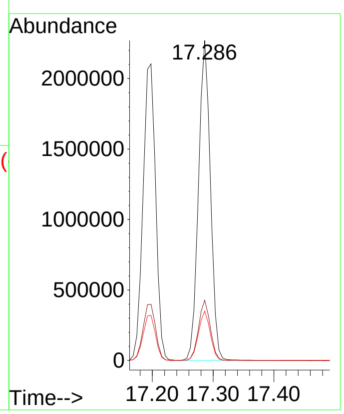


#72
Anthracene
Concen: 36.806 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:178 Resp: 3101683

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.4	12.3	18.5



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Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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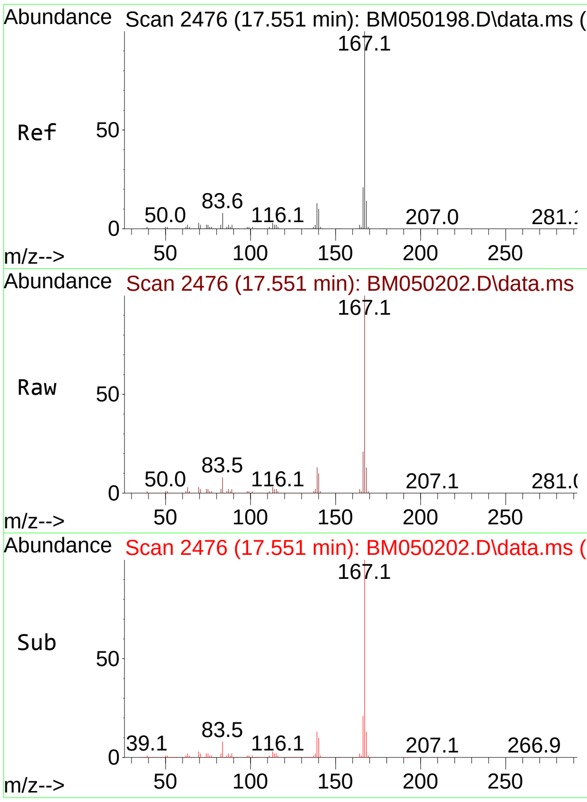
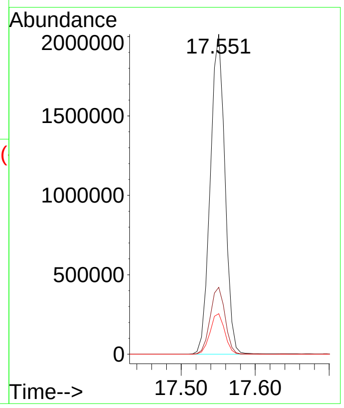
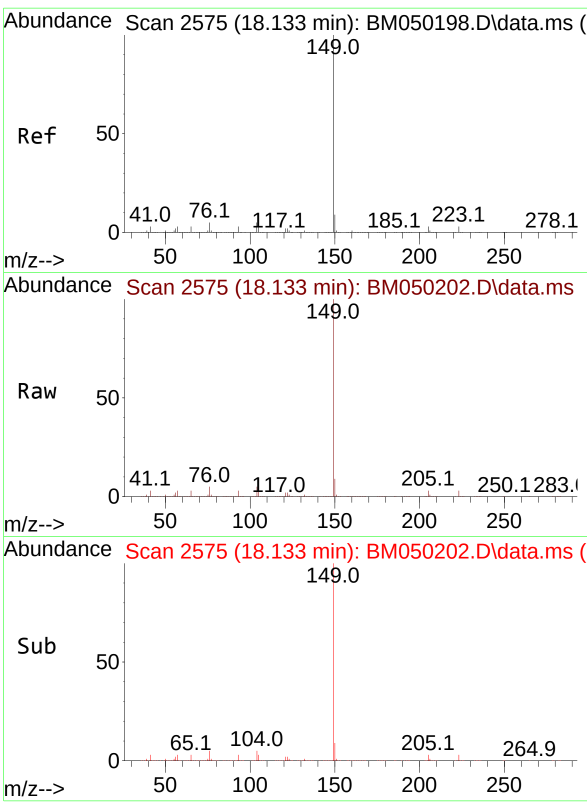


#73
Carbazole
Concen: 36.195 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:167 Resp: 277878

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.6	10.2	15.4

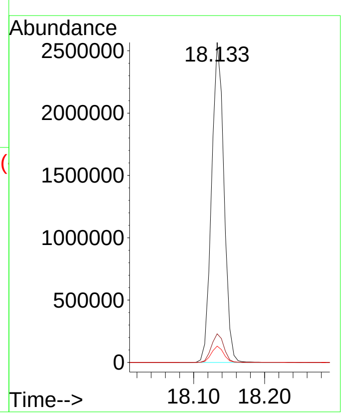




#74
Di-n-butylphthalate
Concen: 37.377 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:149 Resp: 3122305

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.1	4.0	6.0



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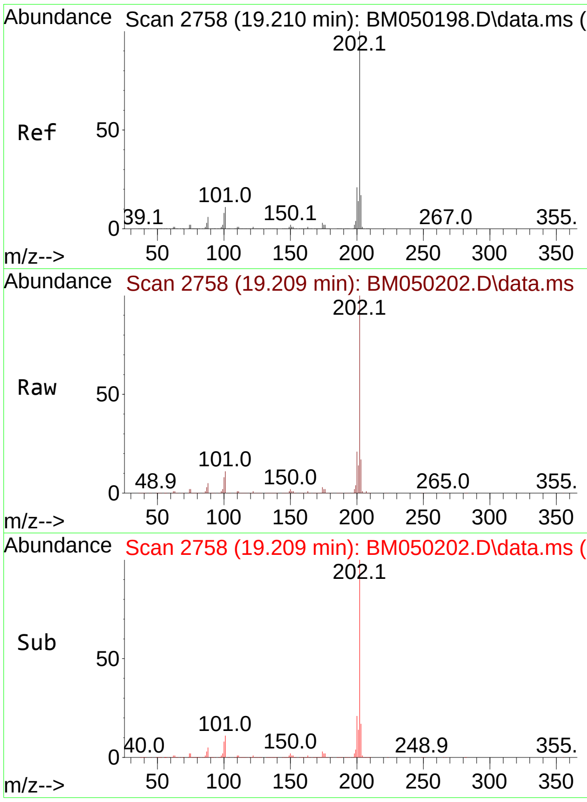

#75
Fluoranthene
Concen: 35.092 ng
RT: 19.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:202 Resp: 311738

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.1
203	17.2	0.0	37.0

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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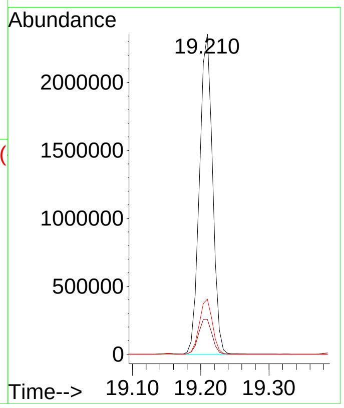
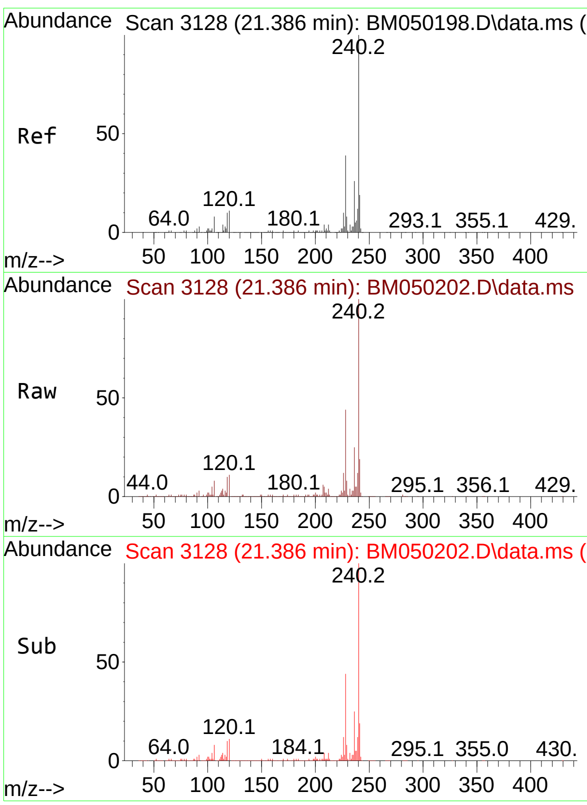
Supervised By :Jagrut Upadhyay 06/06/2025

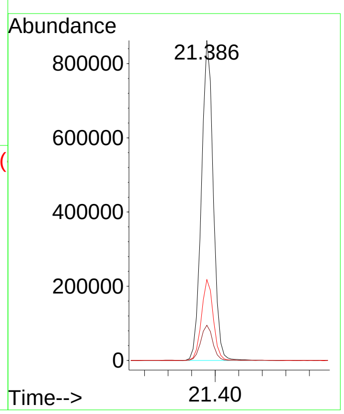




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:240 Resp: 1199833

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.4
236	25.2	20.7	31.1



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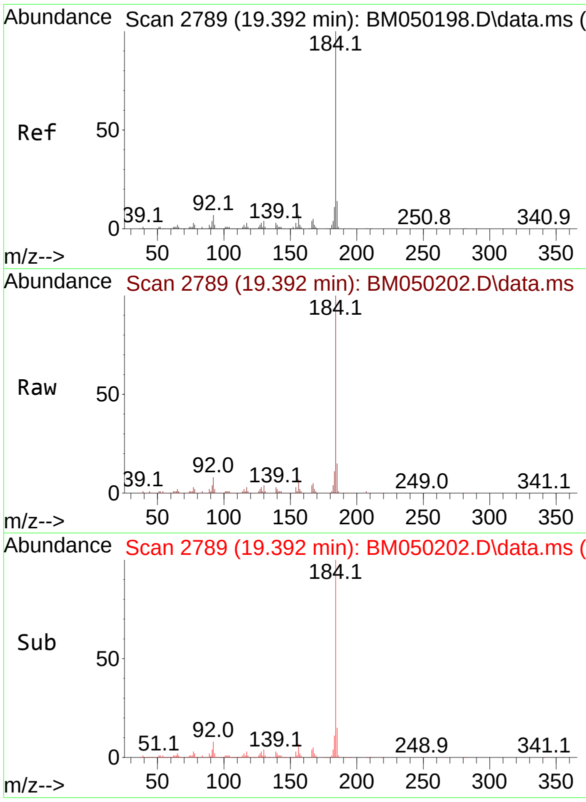

#77
Benzidine
Concen: 48.798 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Tgt Ion:184 Resp: 164645

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.5	17.3
183	11.2	9.0	13.4

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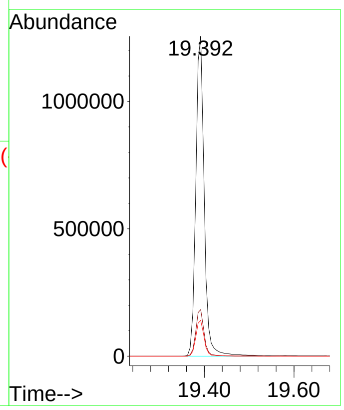
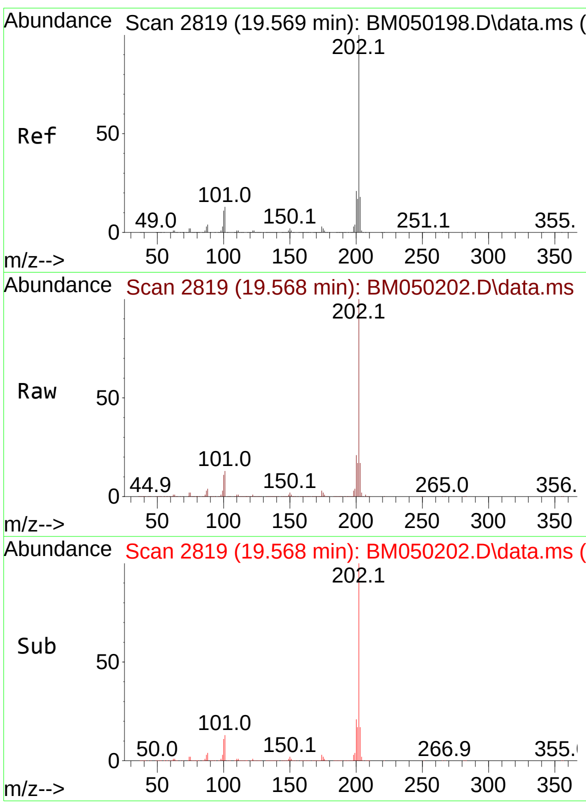
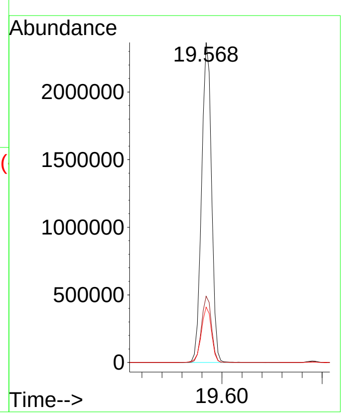


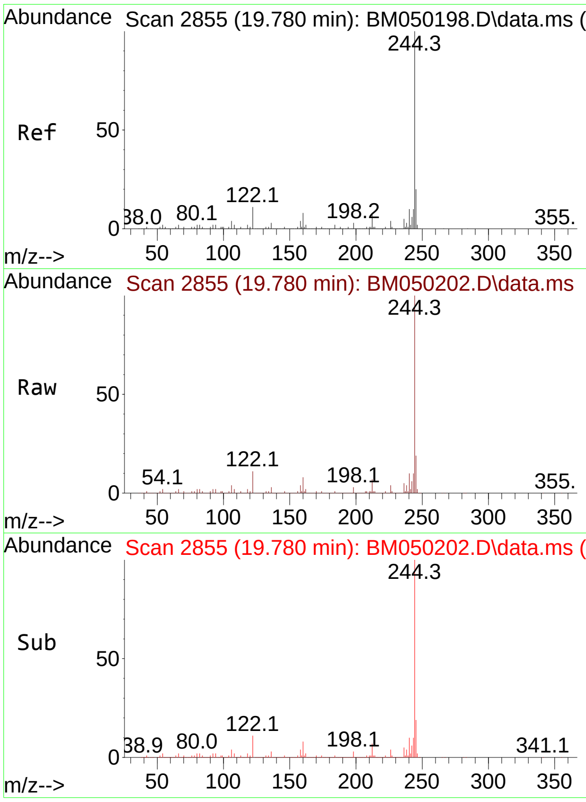


#78
Pyrene
Concen: 40.348 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:202 Resp: 3262895

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.3	14.1	21.1





#79
Terphenyl-d14
Concen: 68.934 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Tgt Ion:244 Resp: 436457

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.0	8.6	12.8

Manual Integrations
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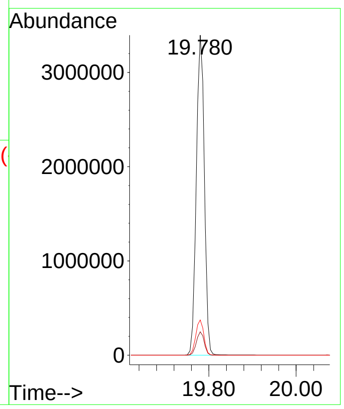
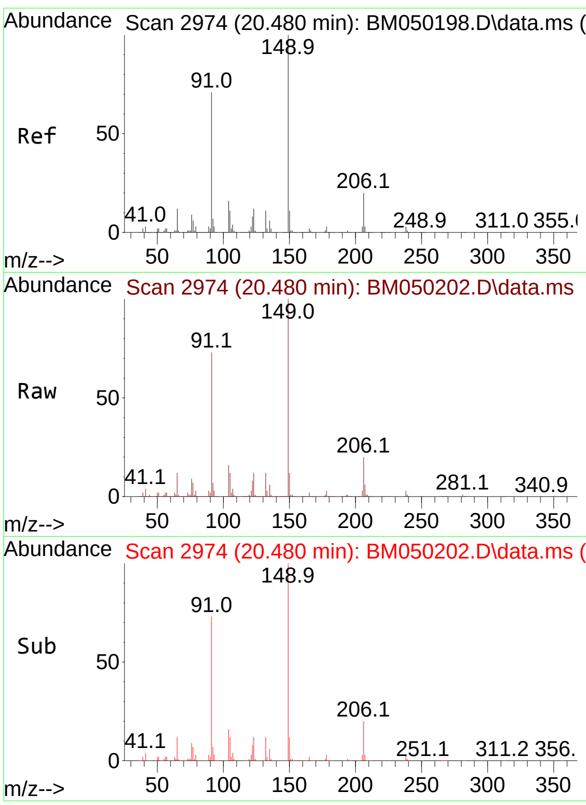
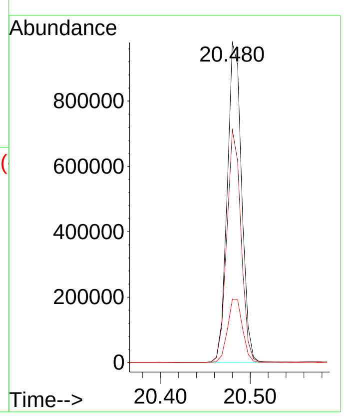




#80
Butylbenzylphthalate
Concen: 40.599 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:149 Resp: 1095153

Ion	Ratio	Lower	Upper
149	100		
91	72.7	56.9	85.3
206	19.8	16.1	24.1



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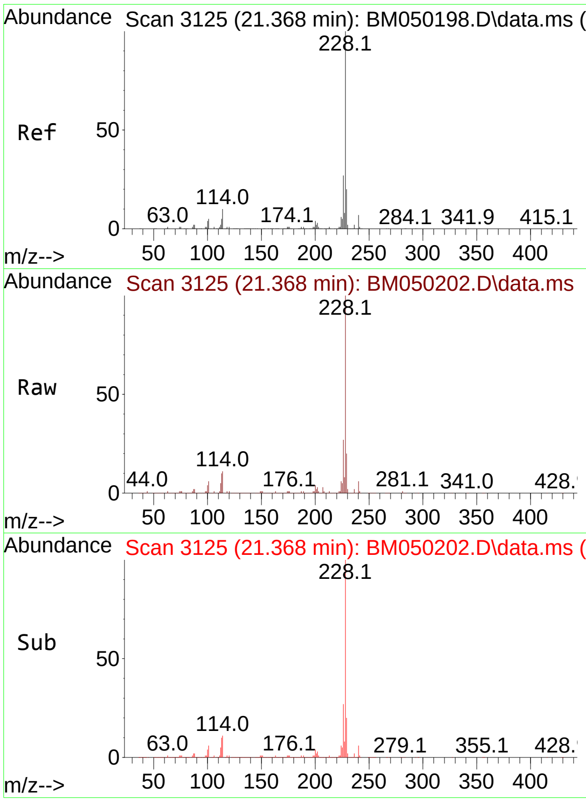
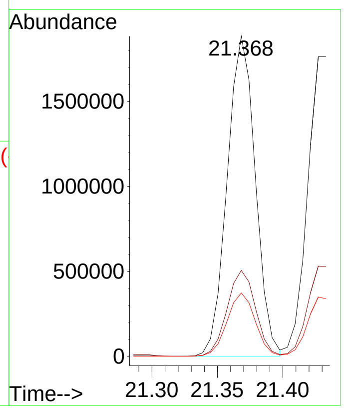


#81
Benzo(a)anthracene
Concen: 37.193 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:228 Resp: 282462

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.8	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
ICVBM060525

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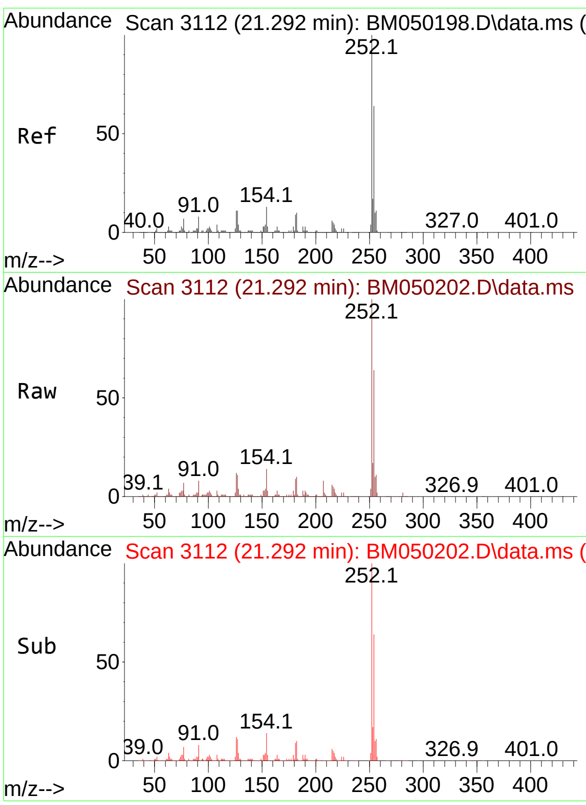
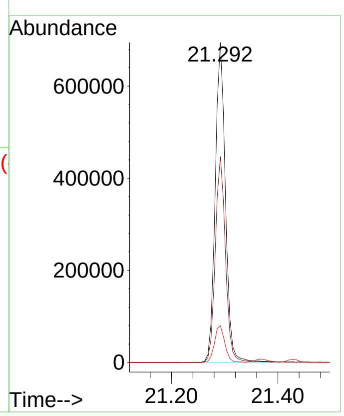


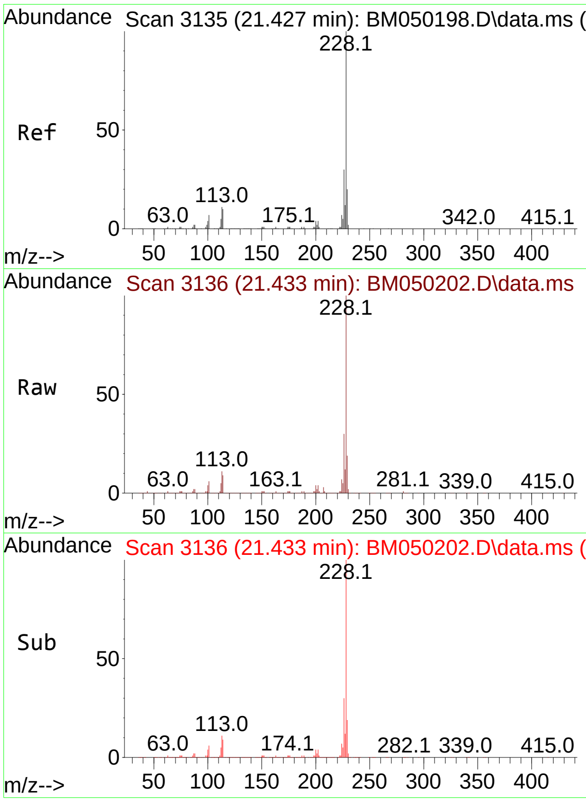
#82
3,3'-Dichlorobenzidine
Concen: 40.289 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:252 Resp: 933068

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.0
126	11.5	8.6	12.8



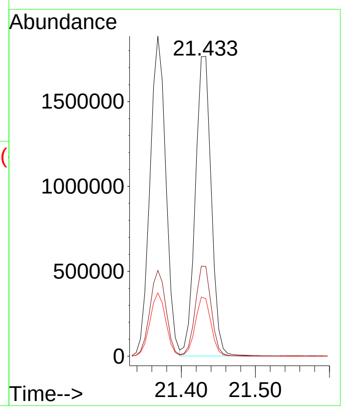
ICAL Form



#83
Chrysene
Concen: 36.579 ng
RT: 21.433 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:228 Resp: 264248

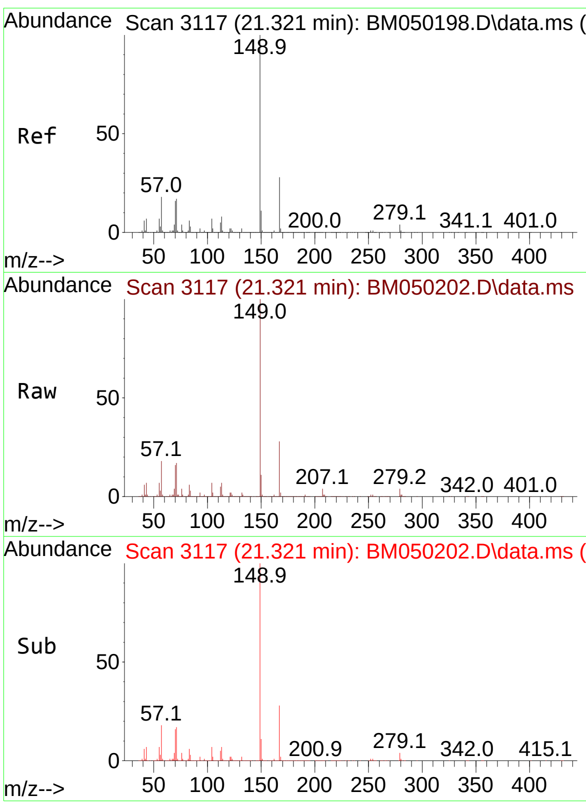
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.2	15.8	23.8



Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Manual Integrations APPROVED

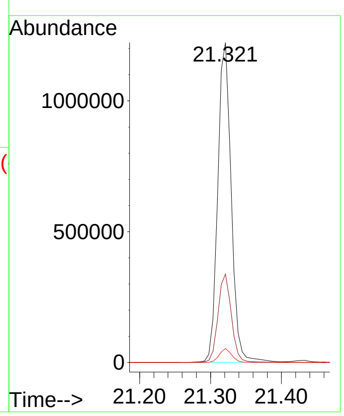
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

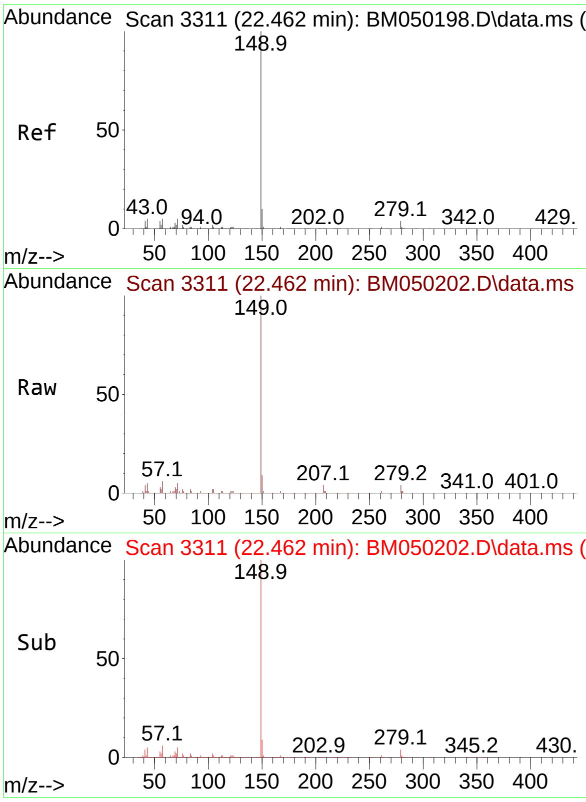


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.675 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:149 Resp: 1606973

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.3	33.5
279	4.4	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 38.642 ng
RT: 22.462 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

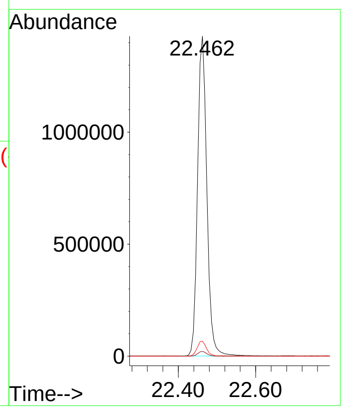
Instrument :
BNA_M
ClientSampleId :
ICVBM060525

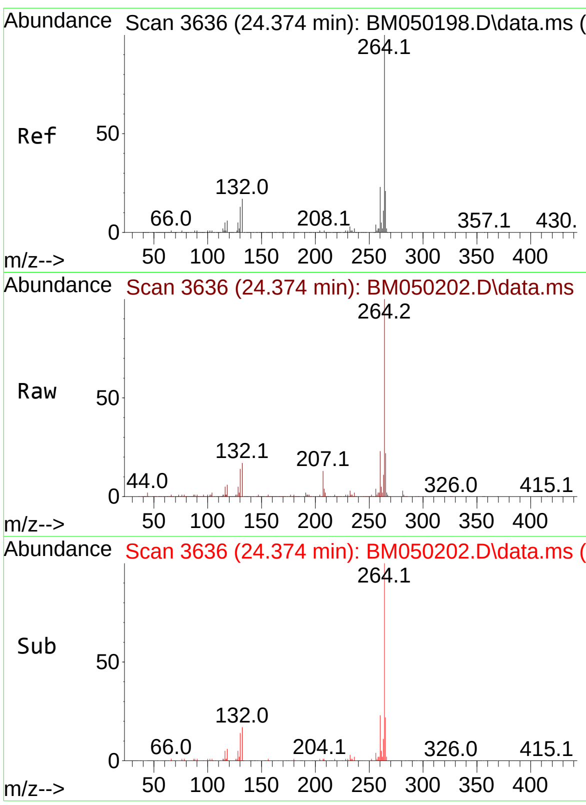
Tgt Ion:149 Resp: 238251

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	4.8	3.8	5.8

Manual Integrations
APPROVED

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

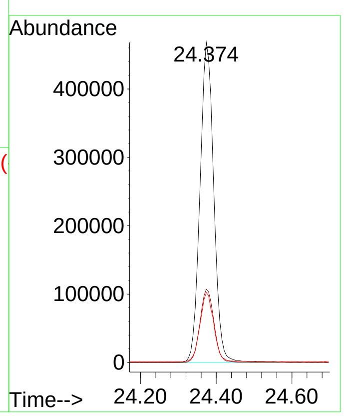


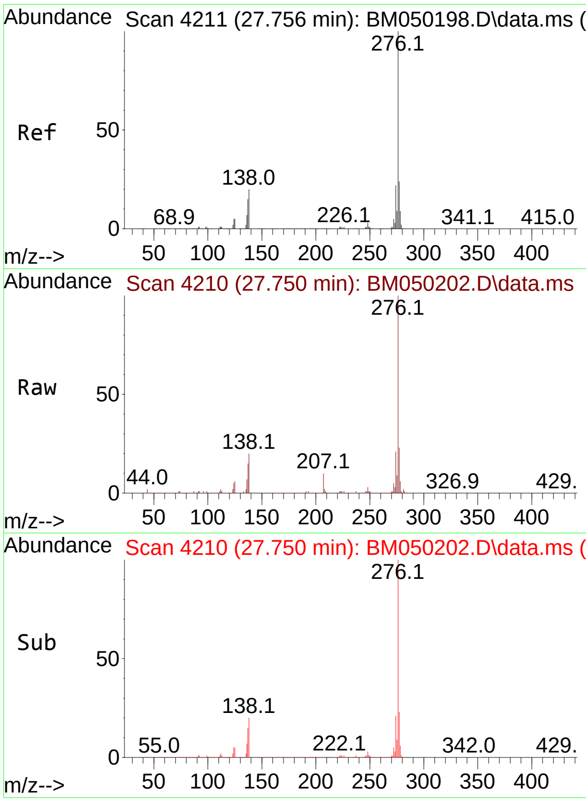


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:264 Resp: 1188981

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.8	16.8	25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.807 ng
RT: 27.750 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

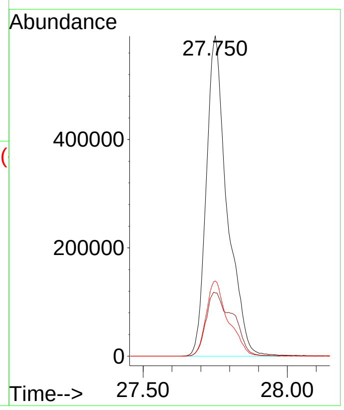
Instrument :
BNA_M
ClientSampleId :
ICVBM060525

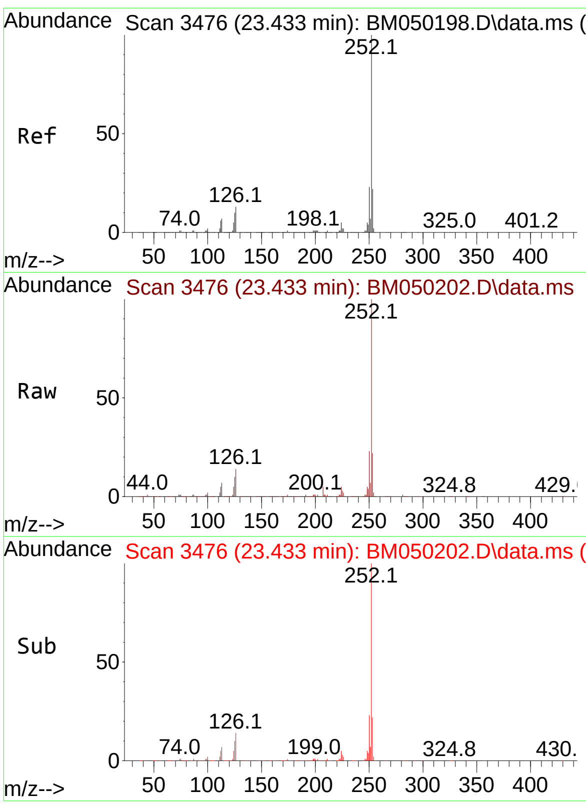
Tgt Ion:276 Resp: 297090

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.6	30.8
277	24.9	19.8	29.6

Manual Integrations APPROVED

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

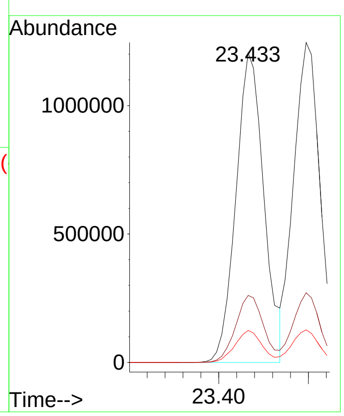




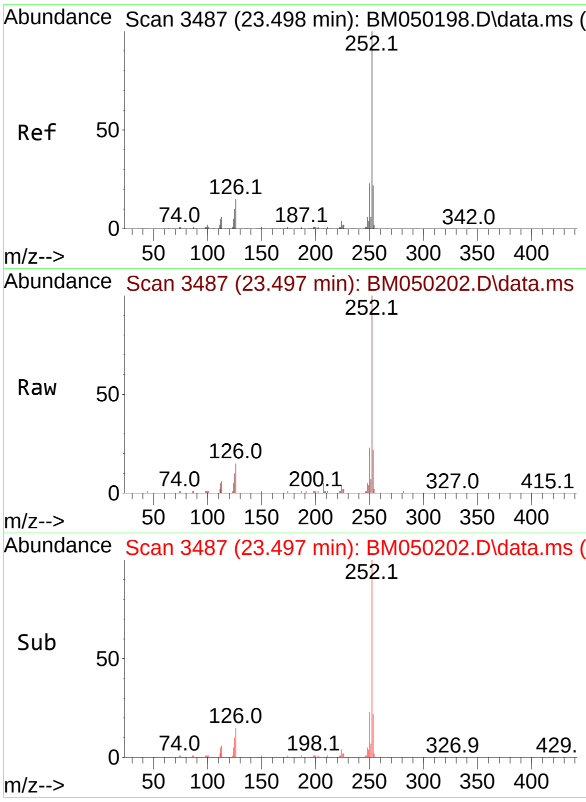
#88
Benzo(b)fluoranthene
Concen: 37.732 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:252 Resp: 2608359

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.3	8.2	12.4



ICAL Form



#89
Benzo(k)fluoranthene
Concen: 36.362 ng
RT: 23.497 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

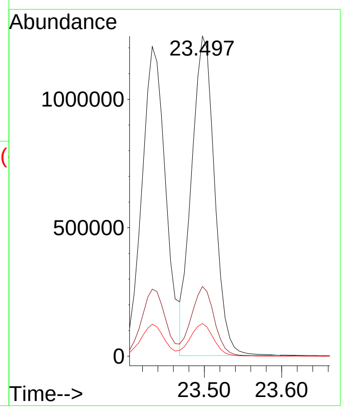
Instrument :
BNA_M
ClientSampleId :
ICVBM060525

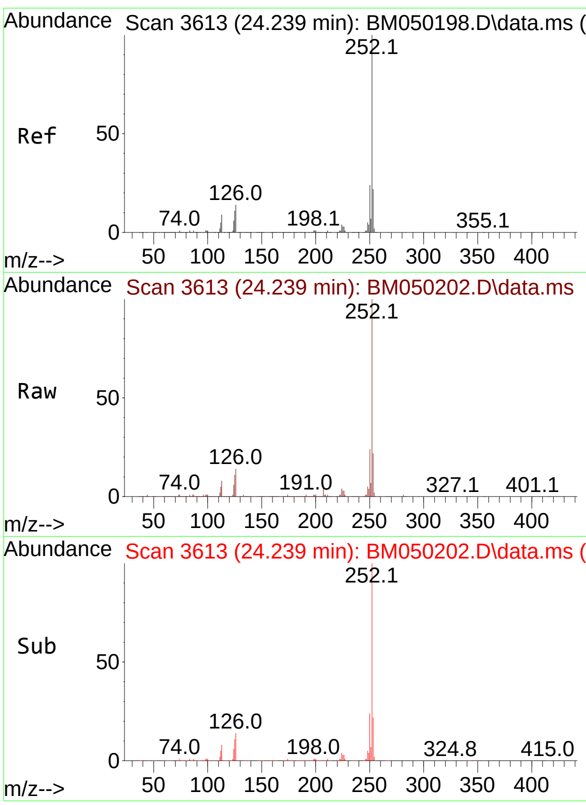
Tgt Ion:252 Resp: 2566064

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.2	8.2	12.4

Manual Integrations
APPROVED

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

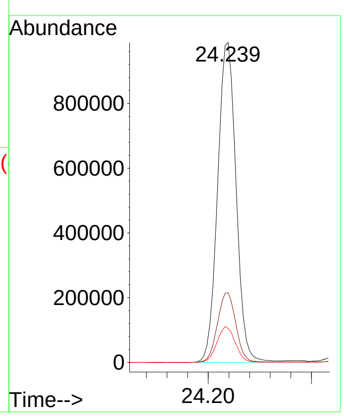




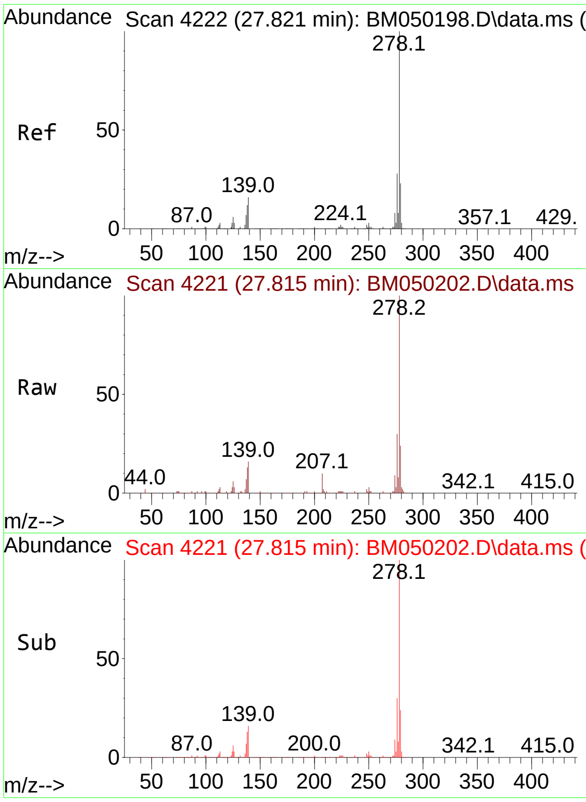
#90
Benzo(a)pyrene
Concen: 37.840 ng
RT: 24.239 min Scan# 3613
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:252 Resp: 2459411

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.6	9.0	13.4



ICAL Form



#91
Dibenzo(a,h)anthracene
Concen: 38.821 ng
RT: 27.815 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

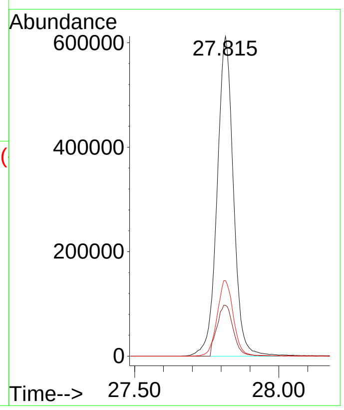
Instrument :
BNA_M
ClientSampleId :
ICVBM060525

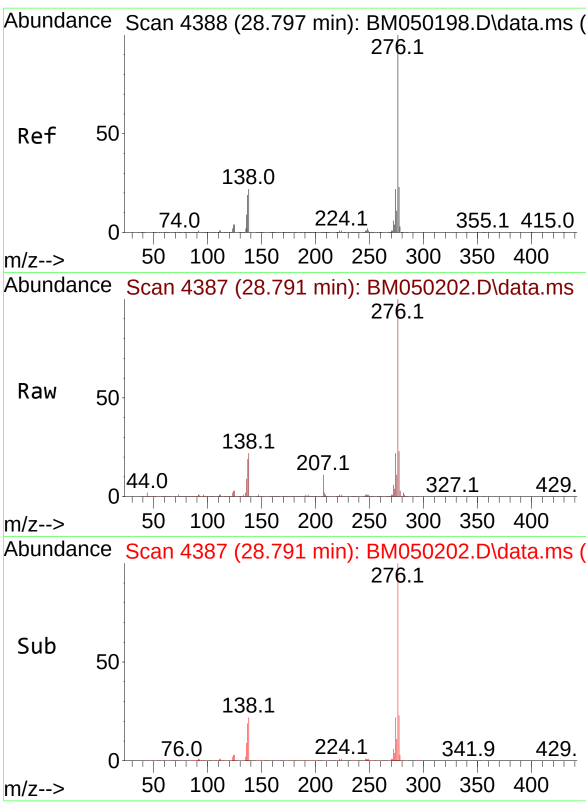
Tgt Ion:278 Resp: 241239

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.8	19.2
279	23.6	18.6	28.0

Manual Integrations
APPROVED

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

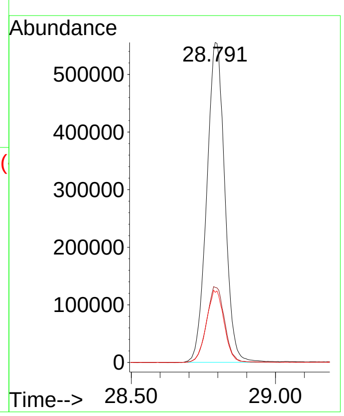




#92
Benzo(g,h,i)perylene
Concen: 38.771 ng
RT: 28.791 min Scan# 4387
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:276 Resp: 2411378

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	21.9	17.8	26.6



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 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	103	0.00
2		1,4-Dioxane	0.526	0.448	14.8	96	0.00
3		Pyridine	1.361	1.266	7.0	100	0.00
4		n-Nitrosodimethylamine	0.281	0.269	4.3	102	0.00
5	S	2-Fluorophenol	1.199	1.069	10.8	96	0.00
6		Aniline	2.086	1.992	4.5	100	0.00
7	S	Phenol-d6	1.578	1.433	9.2	95	0.00
8		2-Chlorophenol	1.319	1.273	3.5	102	0.00
9		Benzaldehyde	1.003	1.038	-3.5	122	0.00
10	C	Phenol	1.670	1.599	4.3	100	0.00
11		bis(2-Chloroethyl)ether	1.343	1.284	4.4	101	0.00
12		1,3-Dichlorobenzene	1.474	1.395	5.4	102	0.00
13	C	1,4-Dichlorobenzene	1.534	1.434	6.5	102	0.00
14		1,2-Dichlorobenzene	1.462	1.382	5.5	102	0.00
15		Benzyl Alcohol	1.126	1.101	2.2	100	0.00
16		2,2'-oxybis(1-Chloropropane	0.933	0.873	6.4	99	0.00
17		2-Methylphenol	1.102	1.076	2.4	100	0.00
18		Hexachloroethane	0.556	0.528	5.0	102	0.00
19	P	n-Nitroso-di-n-propylamine	0.966	0.961	0.5	99	0.00
20		3+4-Methylphenols	1.474	1.451	1.6	99	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22		Acetophenone	0.500	0.470	6.0	101	0.00
23	S	Nitrobenzene-d5	0.385	0.317	17.7	86	0.00
24		Nitrobenzene	0.350	0.333	4.9	100	0.00
25		Isophorone	0.664	0.639	3.8	99	0.00
26	C	2-Nitrophenol	0.151	0.154	-2.0	102	0.00
27		2,4-Dimethylphenol	0.310	0.294	5.2	99	0.00
28		bis(2-Chloroethoxy)methane	0.434	0.413	4.8	99	0.00
29	C	2,4-Dichlorophenol	0.287	0.280	2.4	100	0.00
30		1,2,4-Trichlorobenzene	0.319	0.300	6.0	100	0.00
31		Naphthalene	1.034	0.947	8.4	99	0.00
32		Benzoic acid	0.195	0.193	1.0	97	-0.04
33		4-Chloroaniline	0.441	0.419	5.0	99	0.00
34	C	Hexachlorobutadiene	0.190	0.178	6.3	100	0.00
35		Caprolactam	0.091	0.088	3.3	93	-0.02
36	C	4-Chloro-3-methylphenol	0.306	0.295	3.6	96	0.00
37		2-Methylnaphthalene	0.624	0.592	5.1	98	0.00
38		1-Methylnaphthalene	0.662	0.624	5.7	98	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.546	5.5	102	0.00
41	P	Hexachlorocyclopentadiene	0.351	0.345	1.7	102	0.00
42	S	2,4,6-Tribromophenol	0.227	0.203	10.6	89	0.00
43	C	2,4,6-Trichlorophenol	0.380	0.363	4.5	98	0.00
44		2,4,5-Trichlorophenol	0.417	0.399	4.3	97	0.00
45	S	2-Fluorobiphenyl	1.477	1.164	21.2	85	0.00
46		1,1'-Biphenyl	1.498	1.376	8.1	99	0.00
47		2-Chloronaphthalene	1.164	1.056	9.3	98	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 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	0.256	0.258	-0.8	97	0.00
49	Acenaphthylene	1.883	1.736	7.8	96	0.00
50	Dimethylphthalate	1.353	1.264	6.6	95	0.00
51	2,6-Dinitrotoluene	0.273	0.271	0.7	94	0.00
52 C	Acenaphthene	1.178	1.073	8.9	95	0.00
53	3-Nitroaniline	0.304	0.299	1.6	93	0.00
54 P	2,4-Dinitrophenol	0.146	0.139	4.8	92	0.00
55	Dibenzofuran	1.723	1.568	9.0	95	0.00
56 P	4-Nitrophenol	0.259	0.250	3.5	92	0.00
57	2,4-Dinitrotoluene	0.360	0.359	0.3	91	0.00
58	Fluorene	1.320	1.192	9.7	95	0.00
59	2,3,4,6-Tetrachlorophenol	0.361	0.338	6.4	93	0.00
60	Diethylphthalate	1.342	1.232	8.2	92	0.00
61	4-Chlorophenyl-phenylether	0.638	0.576	9.7	95	0.00
62	4-Nitroaniline	0.285	0.273	4.2	89	-0.01
63	Azobenzene	1.341	1.212	9.6	93	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
65	4,6-Dinitro-2-methylphenol	0.109	0.106	2.8	88	0.00
66 c	n-Nitrosodiphenylamine	0.628	0.593	5.6	93	0.00
67	4-Bromophenyl-phenylether	0.213	0.205	3.8	93	0.00
68	Hexachlorobenzene	0.249	0.236	5.2	92	0.00
69	Atrazine	0.200	0.196	2.0	88	0.00
70 C	Pentachlorophenol	0.162	0.158	2.5	89	0.00
71	Phenanthrene	1.143	1.033	9.6	89	0.00
72	Anthracene	1.143	1.052	8.0	90	0.00
73	Carbazole	1.041	0.942	9.5	87	0.00
74	Di-n-butylphthalate	1.133	1.059	6.5	85	0.00
75 C	Fluoranthene	1.205	1.057	12.3	83	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	81	0.00
77	Benzidine	0.562	0.686	-22.1	90	0.00
78	Pyrene	1.348	1.360	-0.9	83	0.00
79 S	Terphenyl-d14	1.055	0.909	13.8	73	0.00
80	Butylbenzylphthalate	0.450	0.456	-1.3	75	0.00
81	Benzo(a)anthracene	1.266	1.177	7.0	78	0.00
82	3,3'-Dichlorobenzidine	0.386	0.389	-0.8	76	0.00
83	Chrysene	1.204	1.101	8.6	77	0.00
84	Bis(2-ethylhexyl)phthalate	0.693	0.670	3.3	73	0.00
85 c	Di-n-octyl phthalate	1.028	0.993	3.4	72	0.00
86 I	Perylene-d12	1.000	1.000	0.0	84	0.00
87	Indeno(1,2,3-cd)pyrene	1.288	1.249	3.0	88	-0.01
88	Benzo(b)fluoranthene	1.163	1.097	5.7	79	0.00
89	Benzo(k)fluoranthene	1.187	1.079	9.1	78	0.00
90 C	Benzo(a)pyrene	1.093	1.034	5.4	81	0.00
91	Dibenzo(a,h)anthracene	1.045	1.014	3.0	88	0.00
92	Benzo(g,h,i)perylene	1.046	1.014	3.1	90	-0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 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_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 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	103	0.00
2		1,4-Dioxane	40.000	34.075	14.8	96	0.00
3		Pyridine	40.000	37.216	7.0	100	0.00
4		n-Nitrosodimethylamine	40.000	38.276	4.3	102	0.00
5	S	2-Fluorophenol	80.000	71.321	10.8	96	0.00
6		Aniline	40.000	38.184	4.5	100	0.00
7	S	Phenol-d6	80.000	72.656	9.2	95	0.00
8		2-Chlorophenol	40.000	38.620	3.5	102	0.00
9		Benzaldehyde	40.000	41.383	-3.5	122	0.00
10	C	Phenol	40.000	38.313	4.2	100	0.00
11		bis(2-Chloroethyl)ether	40.000	38.237	4.4	101	0.00
12		1,3-Dichlorobenzene	40.000	37.856	5.4	102	0.00
13	C	1,4-Dichlorobenzene	40.000	37.381	6.5	102	0.00
14		1,2-Dichlorobenzene	40.000	37.789	5.5	102	0.00
15		Benzyl Alcohol	40.000	39.129	2.2	100	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.404	6.5	99	0.00
17		2-Methylphenol	40.000	39.079	2.3	100	0.00
18		Hexachloroethane	40.000	38.024	4.9	102	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.802	0.5	99	0.00
20		3+4-Methylphenols	40.000	39.372	1.6	99	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22		Acetophenone	40.000	37.622	5.9	101	0.00
23	S	Nitrobenzene-d5	80.000	65.977	17.5	86	0.00
24		Nitrobenzene	40.000	38.131	4.7	100	0.00
25		Isophorone	40.000	38.498	3.8	99	0.00
26	C	2-Nitrophenol	40.000	40.867	-2.2	102	0.00
27		2,4-Dimethylphenol	40.000	37.886	5.3	99	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.061	4.8	99	0.00
29	C	2,4-Dichlorophenol	40.000	38.988	2.5	100	0.00
30		1,2,4-Trichlorobenzene	40.000	37.573	6.1	100	0.00
31		Naphthalene	40.000	36.633	8.4	99	0.00
32		Benzoic acid	40.000	39.598	1.0	97	-0.04
33		4-Chloroaniline	40.000	38.018	5.0	99	0.00
34	C	Hexachlorobutadiene	40.000	37.511	6.2	100	0.00
35		Caprolactam	40.000	38.807	3.0	93	-0.02
36	C	4-Chloro-3-methylphenol	40.000	38.568	3.6	96	0.00
37		2-Methylnaphthalene	40.000	37.986	5.0	98	0.00
38		1-Methylnaphthalene	40.000	37.722	5.7	98	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.845	5.4	102	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.386	1.5	102	0.00
42	S	2,4,6-Tribromophenol	80.000	71.554	10.6	89	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.255	4.4	98	0.00
44		2,4,5-Trichlorophenol	40.000	38.297	4.3	97	0.00
45	S	2-Fluorobiphenyl	80.000	63.026	21.2	85	0.00
46		1,1'-Biphenyl	40.000	36.765	8.1	99	0.00
47		2-Chloronaphthalene	40.000	36.269	9.3	98	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	40.253	-0.6	97	0.00
49	Acenaphthylene	40.000	36.877	7.8	96	0.00
50	Dimethylphthalate	40.000	37.379	6.6	95	0.00
51	2,6-Dinitrotoluene	40.000	39.718	0.7	94	0.00
52 C	Acenaphthene	40.000	36.444	8.9	95	0.00
53	3-Nitroaniline	40.000	39.347	1.6	93	0.00
54 P	2,4-Dinitrophenol	40.000	34.596	13.5	92	0.00
55	Dibenzofuran	40.000	36.397	9.0	95	0.00
56 P	4-Nitrophenol	40.000	38.588	3.5	92	0.00
57	2,4-Dinitrotoluene	40.000	39.946	0.1	91	0.00
58	Fluorene	40.000	36.130	9.7	95	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	37.508	6.2	93	0.00
60	Diethylphthalate	40.000	36.717	8.2	92	0.00
61	4-Chlorophenyl-phenylether	40.000	36.132	9.7	95	0.00
62	4-Nitroaniline	40.000	38.283	4.3	89	-0.01
63	Azobenzene	40.000	36.142	9.6	93	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	93	0.00
65	4,6-Dinitro-2-methylphenol	40.000	38.808	3.0	88	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.727	5.7	93	0.00
67	4-Bromophenyl-phenylether	40.000	38.453	3.9	93	0.00
68	Hexachlorobenzene	40.000	37.911	5.2	92	0.00
69	Atrazine	40.000	39.186	2.0	88	0.00
70 C	Pentachlorophenol	40.000	38.925	2.7	89	0.00
71	Phenanthrene	40.000	36.170	9.6	89	0.00
72	Anthracene	40.000	36.806	8.0	90	0.00
73	Carbazole	40.000	36.195	9.5	87	0.00
74	Di-n-butylphthalate	40.000	37.377	6.6	85	0.00
75 C	Fluoranthene	40.000	35.092	12.3	83	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	81	0.00
77	Benzidine	40.000	48.798	-22.0	90	0.00
78	Pyrene	40.000	40.348	-0.9	83	0.00
79 S	Terphenyl-d14	80.000	68.934	13.8	73	0.00
80	Butylbenzylphthalate	40.000	40.599	-1.5	75	0.00
81	Benzo(a)anthracene	40.000	37.193	7.0	78	0.00
82	3,3'-Dichlorobenzidine	40.000	40.289	-0.7	76	0.00
83	Chrysene	40.000	36.579	8.6	77	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.675	3.3	73	0.00
85 c	Di-n-octyl phthalate	40.000	38.642	3.4	72	0.00
86 I	Perylene-d12	20.000	20.000	0.0	84	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.807	3.0	88	-0.01
88	Benzo(b)fluoranthene	40.000	37.732	5.7	79	0.00
89	Benzo(k)fluoranthene	40.000	36.362	9.1	78	0.00
90 C	Benzo(a)pyrene	40.000	37.840	5.4	81	0.00
91	Dibenzo(a,h)anthracene	40.000	38.821	2.9	88	0.00
92	Benzo(g,h,i)perylene	40.000	38.771	3.1	90	-0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG No.: Q2267

Instrument ID: BNA_M Calibration Date/Time: 06/11/2025 16:25

Lab File ID: BM050277.D Init. Calib. Date(s): 06/05/2025 06/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:20 13:56

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

COMPOUND	$\overline{RRF}$	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.361	1.435		5.4	
2-Fluorophenol	1.199	1.266		5.6	
Phenol-d6	1.578	1.594		1.0	
1,4-Dichlorobenzene	1.534	1.499		-2.3	20.0
2-Methylphenol	1.102	1.087		-1.4	
3+4-Methylphenols	1.474	1.437		-2.5	
Nitrobenzene-d5	0.385	0.398		3.4	
Hexachloroethane	0.555	0.572		3.1	
Nitrobenzene	0.350	0.363		3.7	
Hexachlorobutadiene	0.190	0.180		-5.3	20.0
2,4,6-Trichlorophenol	0.380	0.380		0.0	20.0
2-Fluorobiphenyl	1.477	1.459		-1.2	
2,4,5-Trichlorophenol	0.417	0.413		-1.0	
2,4-Dinitrotoluene	0.360	0.382		6.1	
2,4,6-Tribromophenol	0.227	0.236		4.0	
Hexachlorobenzene	0.249	0.247		-0.8	
Pentachlorophenol	0.162	0.165		1.9	20.0
Terphenyl-d14	1.055	1.028		-2.6	

All other compounds must meet a minimum RRF of 0.010.

Sample Results: **BM050277.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050277.D
Acq On : 11 Jun 2025 16:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 18:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	385793	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1556758	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	888836	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1666660	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1770266	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1907719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1952931	84.443	ng	0.00
7) Phenol-d6	6.928	99	2459880	80.798	ng	0.00
23) Nitrobenzene-d5	8.916	82	2480888	82.881	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	840232	83.110	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5188711	79.033	ng	0.00
79) Terphenyl-d14	19.762	244	7277390	77.903	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	425604	41.983	ng	93
3) Pyridine	3.675	79	1107481	42.185	ng	95
4) n-Nitrosodimethylamine	3.581	42	236152	43.501	ng	94
6) Aniline	7.093	93	1595506	39.643	ng	98
8) 2-Chlorophenol	7.328	128	1032749	40.598	ng	98
9) Benzaldehyde	6.904	77	706097	36.479	ng	97
10) Phenol	6.957	94	1301783	40.412	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	1063933	41.063	ng	97
12) 1,3-Dichlorobenzene	7.657	146	1130443	39.750	ng	99
13) 1,4-Dichlorobenzene	7.798	146	1156598	39.088	ng	99
14) 1,2-Dichlorobenzene	8.116	146	1104301	39.149	ng	100
15) Benzyl Alcohol	7.998	79	840825	38.722	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	829330	46.077	ng	95
17) 2-Methylphenol	8.204	107	838482	39.450	ng	100
18) Hexachloroethane	8.845	117	441436	41.196	ng	98
19) n-Nitroso-di-n-propyla...	8.569	70	757434	40.655	ng	98
20) 3+4-Methylphenols	8.528	107	1109070	39.002	ng	99
22) Acetophenone	8.581	105	1532522	39.404	ng	99
24) Nitrobenzene	8.957	77	1130557	41.529	ng	98
25) Isophorone	9.486	82	2050637	39.692	ng	99
26) 2-Nitrophenol	9.663	139	466003	39.656	ng	95
27) 2,4-Dimethylphenol	9.728	122	942247	39.024	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	1370995	40.621	ng	100
29) 2,4-Dichlorophenol	10.198	162	871420	39.001	ng	97
30) 1,2,4-Trichlorobenzene	10.416	180	967611	38.916	ng	99
31) Naphthalene	10.604	128	3094262	38.444	ng	99
32) Benzoic acid	9.851	122	550355	36.270	ng	95
33) 4-Chloroaniline	10.704	127	1334180	38.880	ng	99
34) Hexachlorobutadiene	10.898	225	559388	37.823	ng	99
35) Caprolactam	11.480	113	269529	38.049	ng	87
36) 4-Chloro-3-methylphenol	11.833	107	937746	39.332	ng	99
37) 2-Methylnaphthalene	12.216	142	1887813	38.879	ng	99
38) 1-Methylnaphthalene	12.433	142	1977930	38.379	ng	100
40) 1,2,4,5-Tetrachloroben...	12.586	216	1026691	40.002	ng	100
41) Hexachlorocyclopentadiene	12.575	237	615515	39.489	ng	98
43) 2,4,6-Trichlorophenol	12.822	196	675293	40.009	ng	100

Sample Results: **BM050277.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050277.D
Acq On : 11 Jun 2025 16:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 18:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	733855	39.600	ng	97
46) 1,1'-Biphenyl	13.233	154	2621510	39.389	ng	99
47) 2-Chloronaphthalene	13.269	162	2039196	39.411	ng	100
48) 2-Nitroaniline	13.469	65	513213	45.072	ng	96
49) Acenaphthylene	14.116	152	3285780	39.261	ng	100
50) Dimethylphthalate	13.857	163	2401432	39.949	ng	99
51) 2,6-Dinitrotoluene	13.963	165	505289	41.682	ng	90
52) Acenaphthene	14.457	154	2058274	39.320	ng	100
53) 3-Nitroaniline	14.292	138	572286	42.358	ng	97
54) 2,4-Dinitrophenol	14.492	184	248415	34.839	ng	96
55) Dibenzofuran	14.792	168	3048152	39.802	ng	100
56) 4-Nitrophenol	14.592	139	486335	42.292	ng	97
57) 2,4-Dinitrotoluene	14.751	165	678387	42.422	ng	95
58) Fluorene	15.445	166	2350935	40.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	641248m	39.995	ng	
60) Diethylphthalate	15.227	149	2431511	40.768	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	1129378	39.839	ng	100
62) 4-Nitroaniline	15.451	138	559033	44.147	ng	98
63) Azobenzene	15.733	77	2455781	41.195	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	358719	39.406	ng	94
66) n-Nitrosodiphenylamine	15.651	169	2059604	39.330	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	709709	39.932	ng	97
68) Hexachlorobenzene	16.445	284	823426	39.654	ng	99
69) Atrazine	16.604	200	681590	40.848	ng	99
70) Pentachlorophenol	16.786	266	549249	40.683	ng	98
71) Phenanthrene	17.174	178	3762928	39.522	ng	99
72) Anthracene	17.262	178	3806042	39.959	ng	100
73) Carbazole	17.533	167	3536466	40.755	ng	99
74) Di-n-butylphthalate	18.115	149	4085947	43.276	ng	100
75) Fluoranthene	19.192	202	4217473	42.004	ng	99
77) Benzidine	19.374	184	1776744	35.691	ng	100
78) Pyrene	19.551	202	4496680	37.687	ng	100
80) Butylbenzylphthalate	20.462	149	1645495	41.344	ng	98
81) Benzo(a)anthracene	21.345	228	4427365	39.512	ng	100
82) 3,3'-Dichlorobenzidine	21.268	252	1415990	41.440	ng	99
83) Chrysene	21.409	228	4234037	39.725	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	2668857	43.534	ng	99
85) Di-n-octyl phthalate	22.427	149	3964778	43.583	ng	99
87) Indeno(1,2,3-cd)pyrene	27.691	276	5245671	42.706	ng	100
88) Benzo(b)fluoranthene	23.403	252	4422288	39.871	ng	99
89) Benzo(k)fluoranthene	23.462	252	4547081	40.158	ng	99
90) Benzo(a)pyrene	24.197	252	4252452	40.778	ng	99
91) Dibenzo(a,h)anthracene	27.750	278	4216995	42.295	ng	99
92) Benzo(g,h,i)perylene	28.732	276	4320764	43.298	ng	99

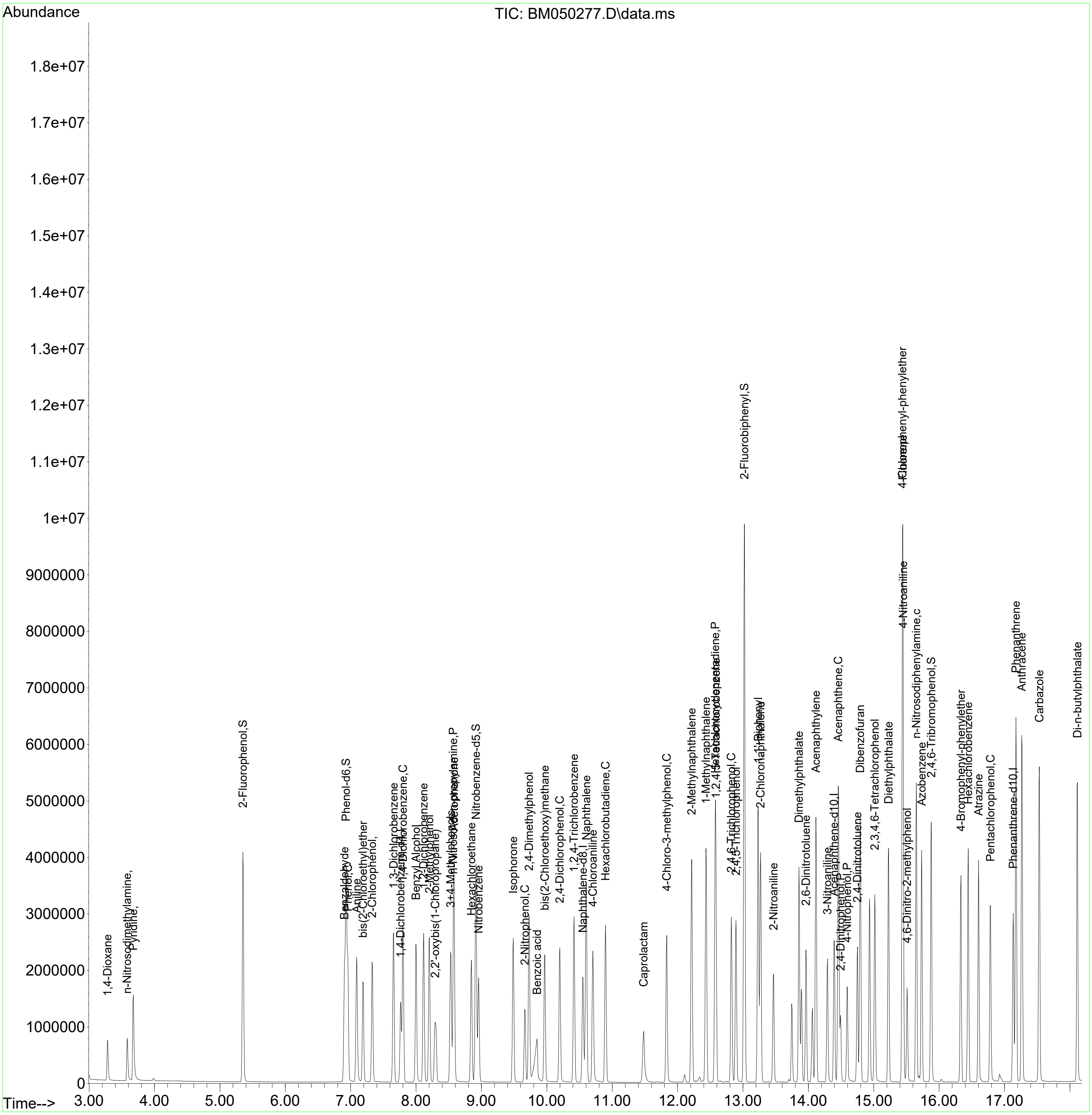
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **BM050277.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050277.D
Acq On : 11 Jun 2025 16:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

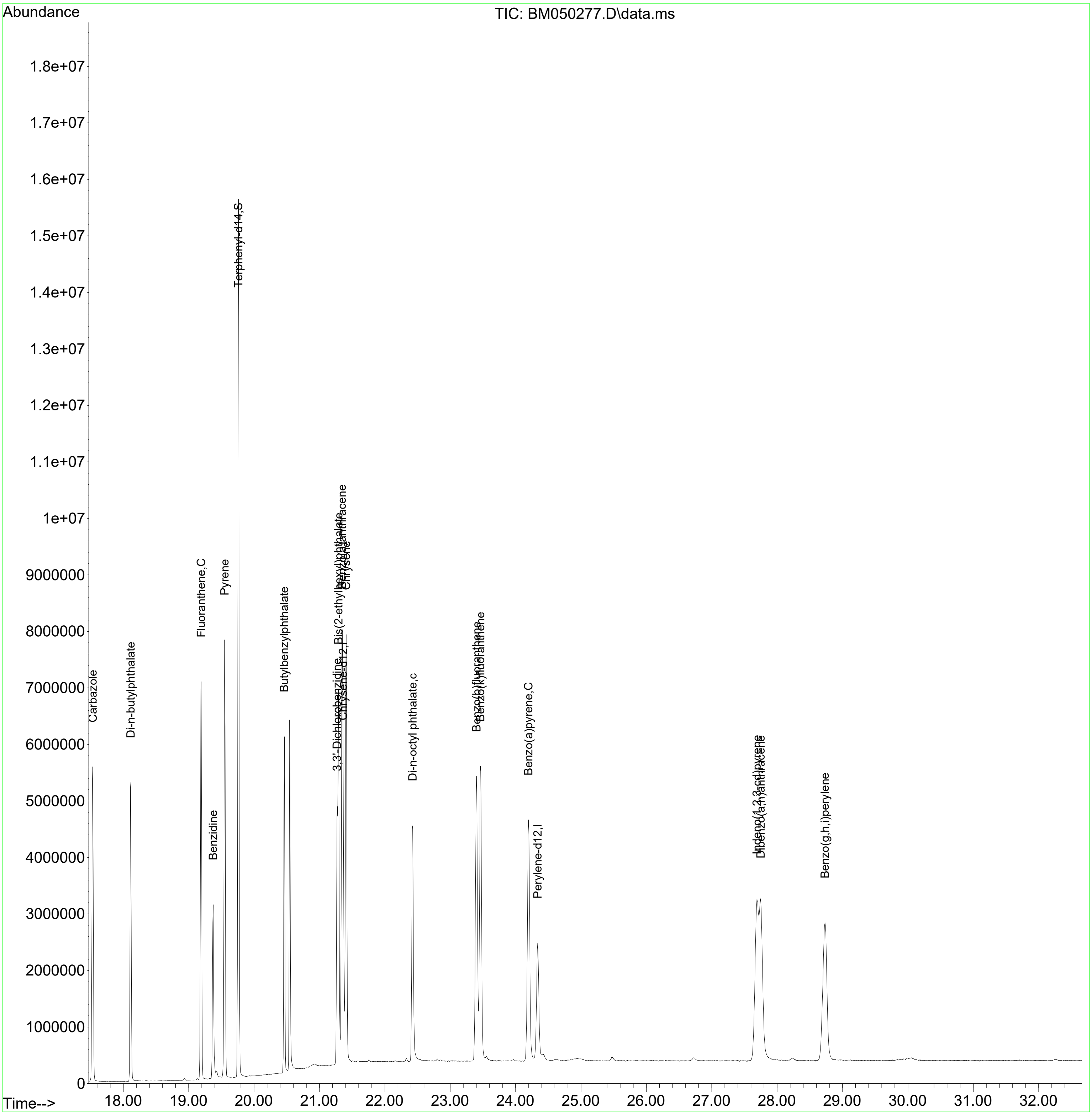
Quant Time: Jun 11 18:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



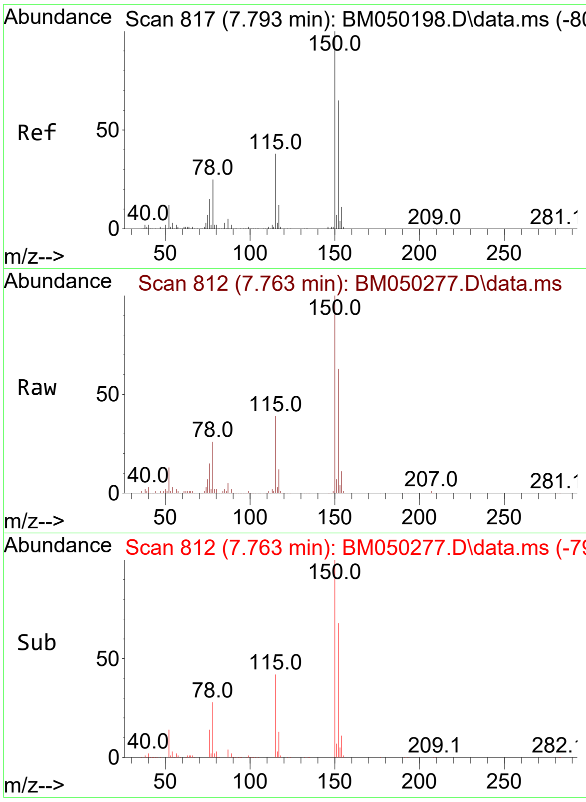
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050277.D
Acq On : 11 Jun 2025 16:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 18:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



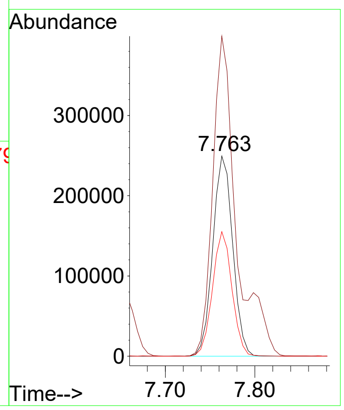
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

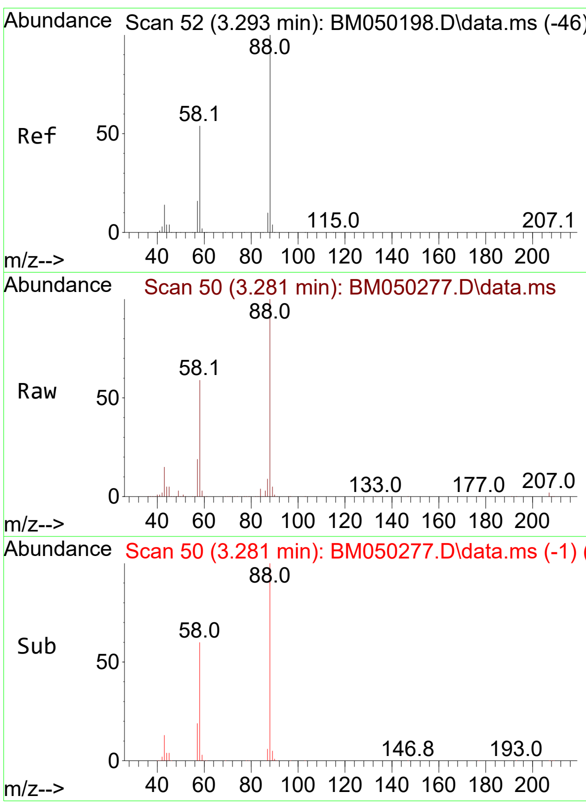


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:152 Resp: 385793

Ion	Ratio	Lower	Upper
152	100		
150	159.8	122.2	183.4
115	62.2	46.3	69.5

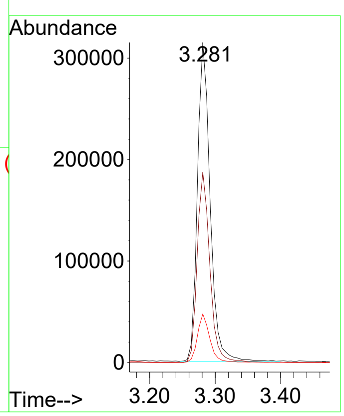




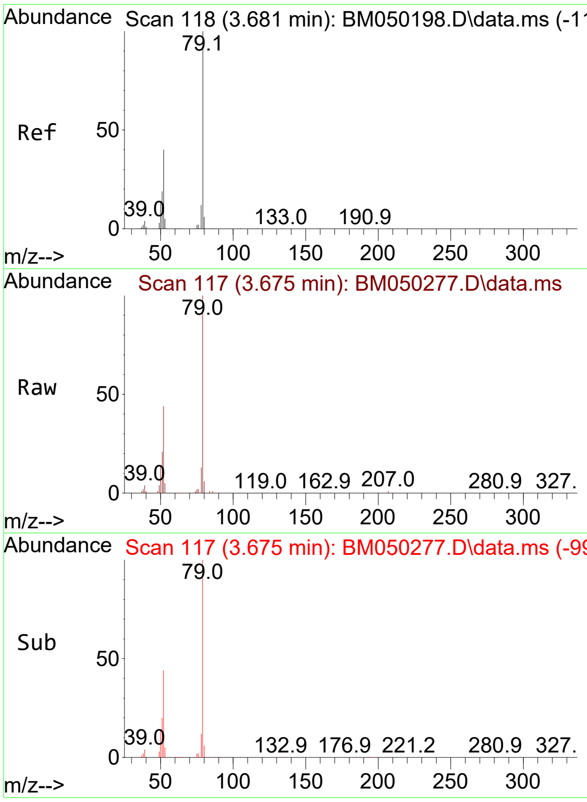
#2
1,4-Dioxane
Concen: 41.983 ng
RT: 3.281 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 88 Resp: 425604

Ion	Ratio	Lower	Upper
88	100		
58	59.6	42.9	64.3
43	15.0	11.0	16.6



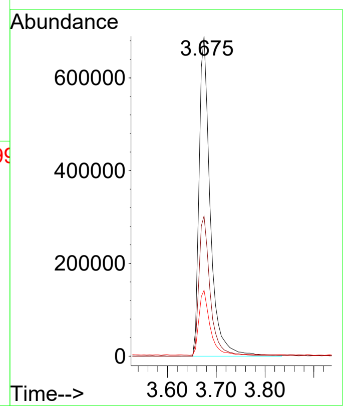
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

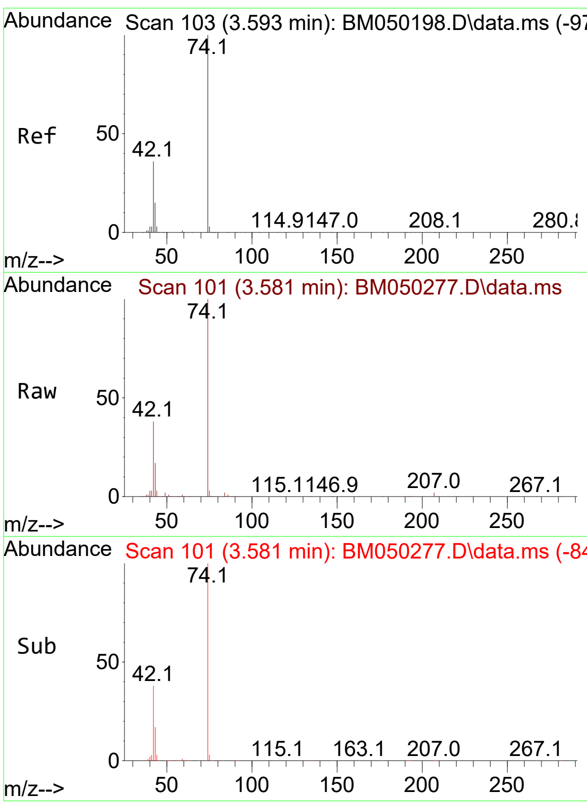


#3
Pyridine
Concen: 42.185 ng
RT: 3.675 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 79 Resp: 1107481

Ion	Ratio	Lower	Upper
79	100		
52	43.9	32.1	48.1
51	20.6	15.4	23.0

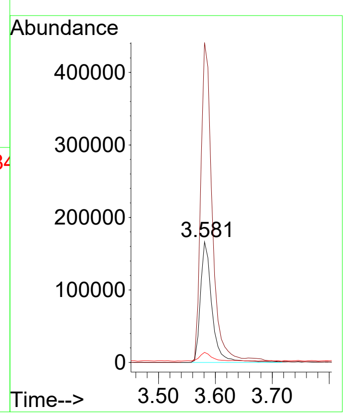




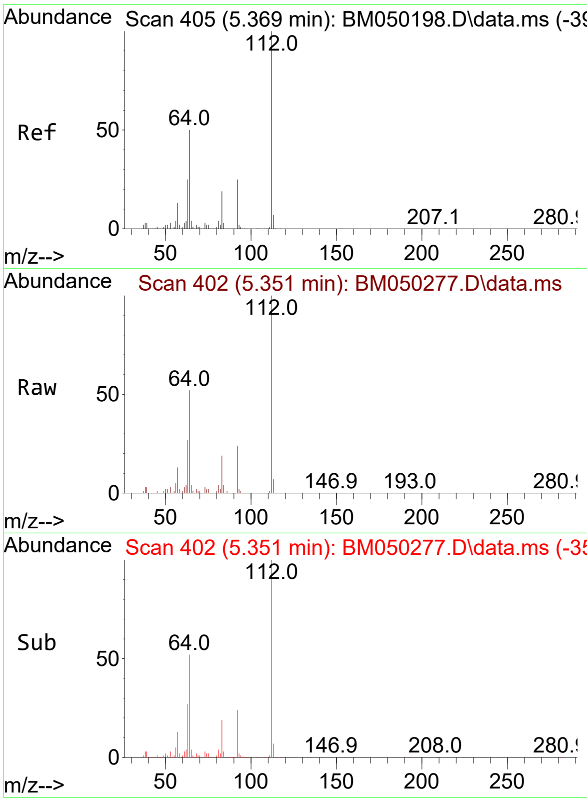
#4
n-Nitrosodimethylamine
Concen: 43.501 ng
RT: 3.581 min Scan# 101
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 42 Resp: 236152

Ion	Ratio	Lower	Upper
42	100		
74	265.1	222.0	333.0
44	8.4	7.0	10.6



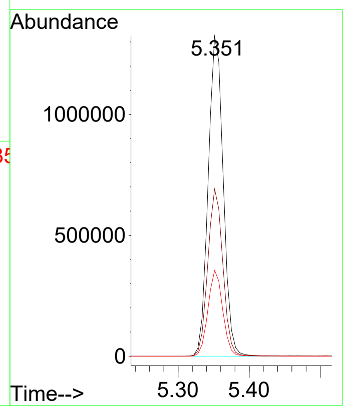
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

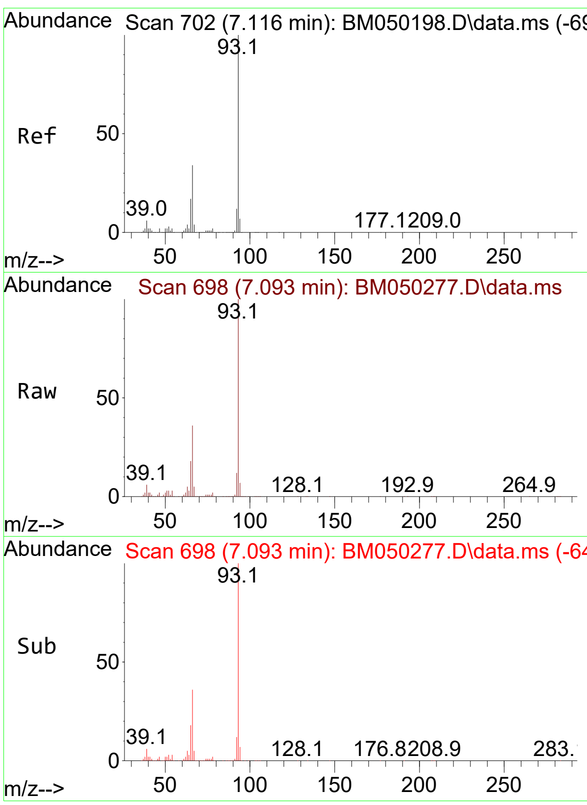


#5
2-Fluorophenol
Concen: 84.443 ng
RT: 5.351 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:112 Resp: 1952931

Ion	Ratio	Lower	Upper
112	100		
64	52.2	39.8	59.6
63	26.8	19.8	29.8

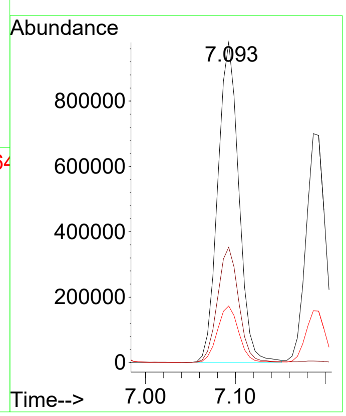




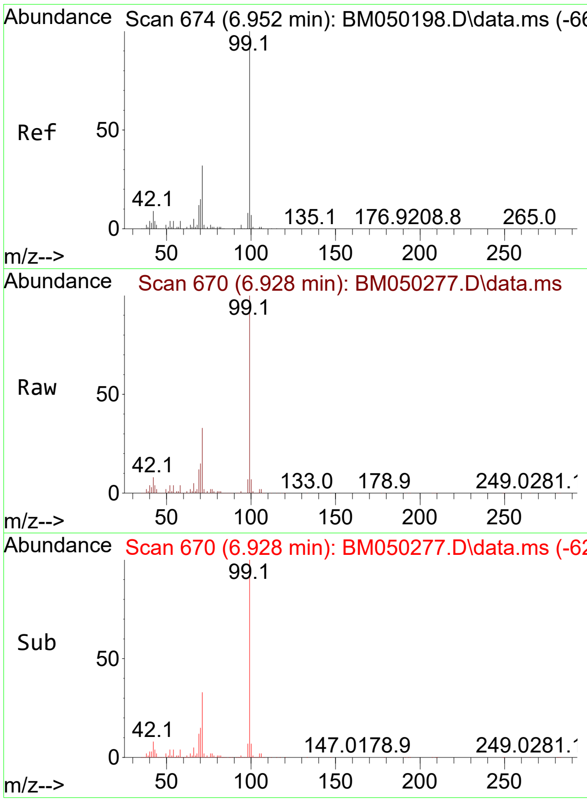
#6
Aniline
Concen: 39.643 ng
RT: 7.093 min Scan# 698
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 93 Resp: 1595506

Ion	Ratio	Lower	Upper
93	100		
66	36.0	27.4	41.2
65	17.7	13.6	20.4



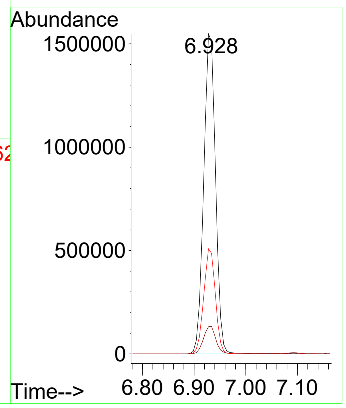
Instrument : BNA_M
ClientSampleId : SSTDCCC040

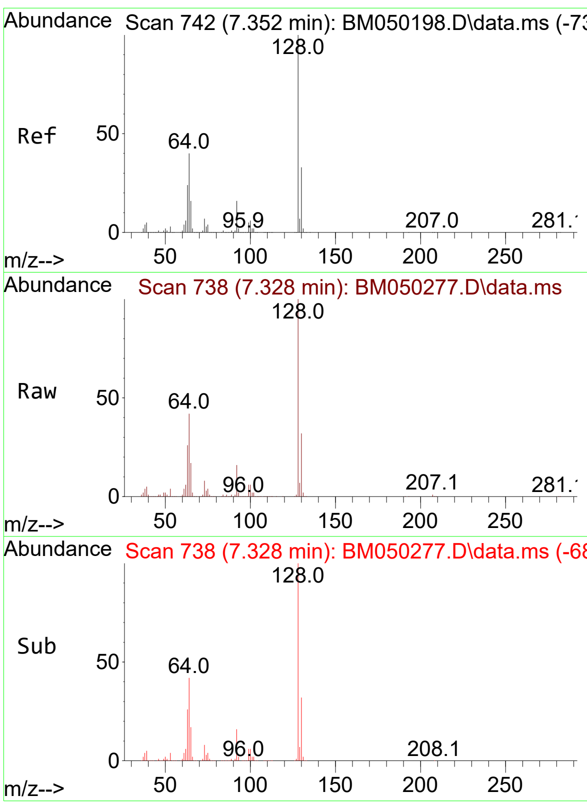


#7
Phenol-d6
Concen: 80.798 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 99 Resp: 2459880

Ion	Ratio	Lower	Upper
99	100		
42	8.5	6.9	10.3
71	32.9	25.3	37.9

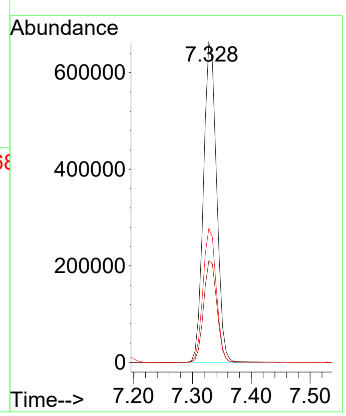




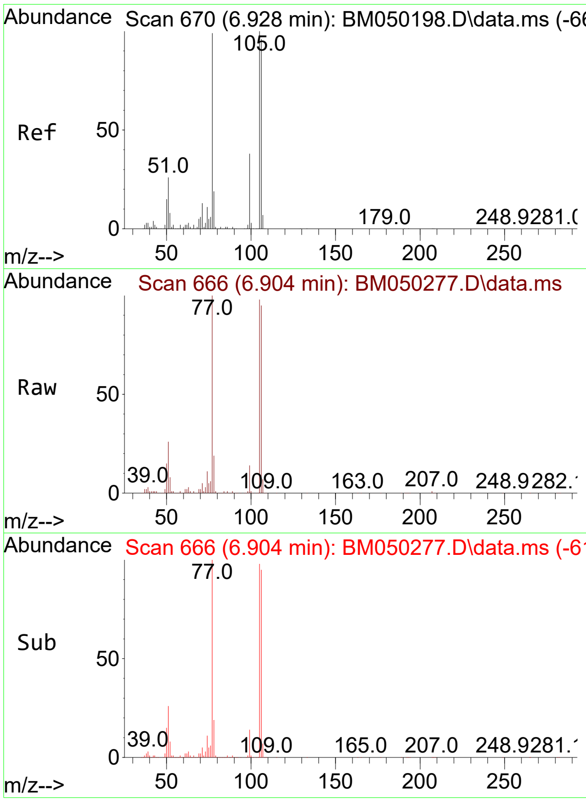
#8
2-Chlorophenol
Concen: 40.598 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:128 Resp: 1032749

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	41.9	19.8	59.8



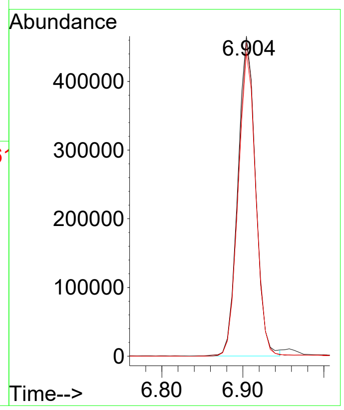
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

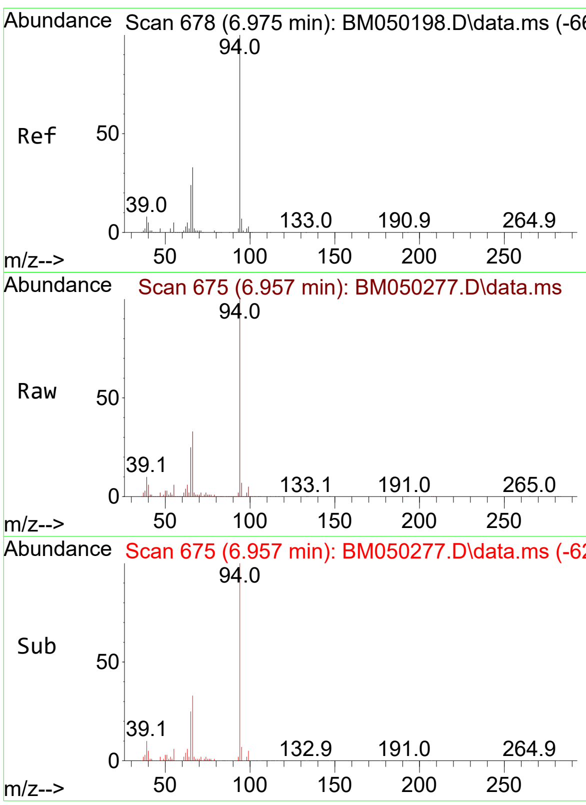


#9
Benzaldehyde
Concen: 36.479 ng
RT: 6.904 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 77 Resp: 706097

Ion	Ratio	Lower	Upper
77	100		
105	98.0	80.9	120.9
106	94.6	77.1	117.1

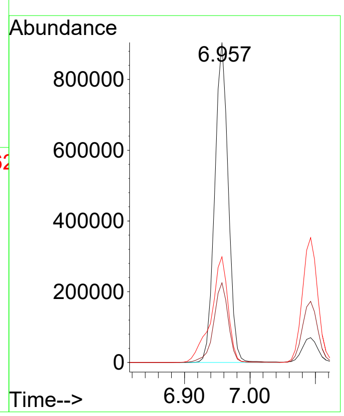




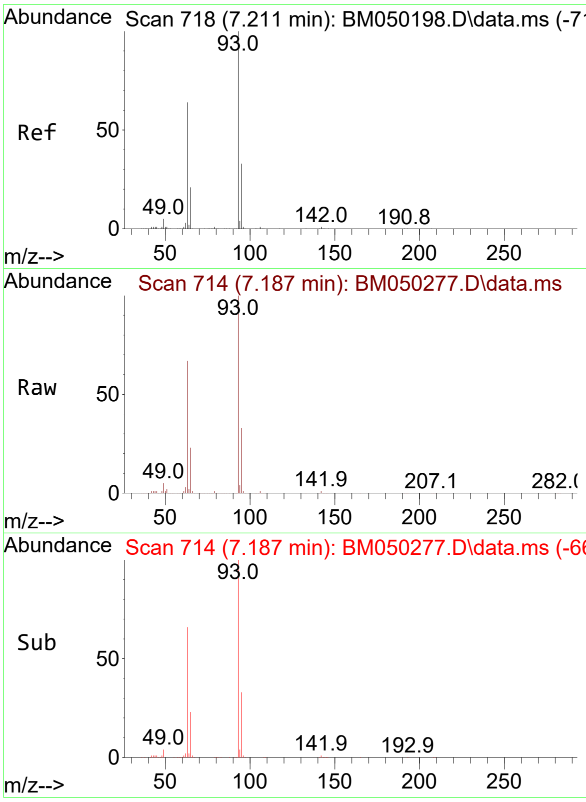
#10
Phenol
Concen: 40.412 ng
RT: 6.957 min Scan# 675
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 94 Resp: 1301783

Ion	Ratio	Lower	Upper
94	100		
65	24.9	4.3	44.3
66	33.0	12.9	52.9



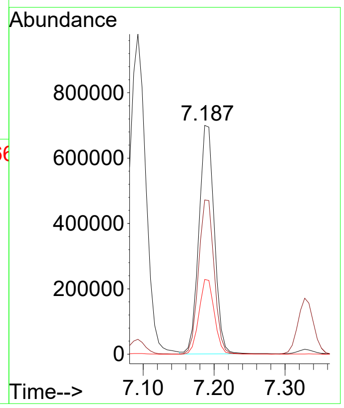
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

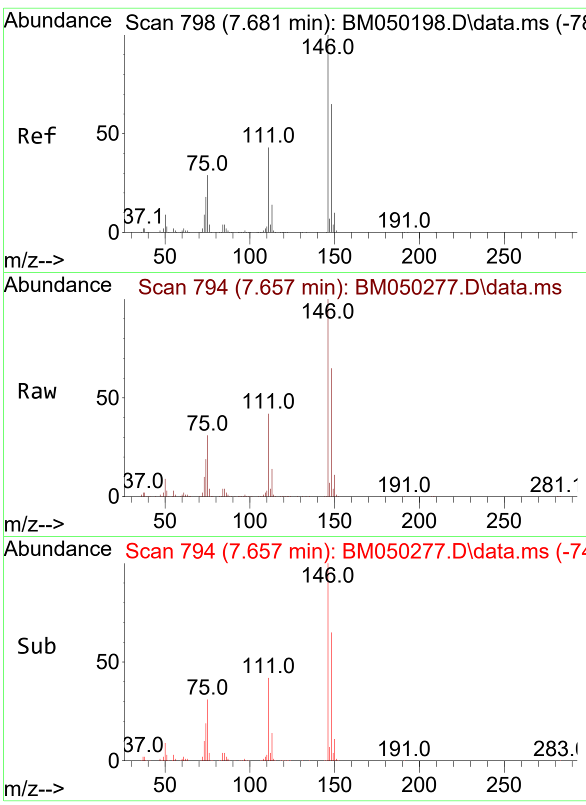


#11
bis(2-Chloroethyl)ether
Concen: 41.063 ng
RT: 7.187 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 93 Resp: 1063933

Ion	Ratio	Lower	Upper
93	100		
63	67.4	43.9	83.9
95	32.6	12.7	52.7

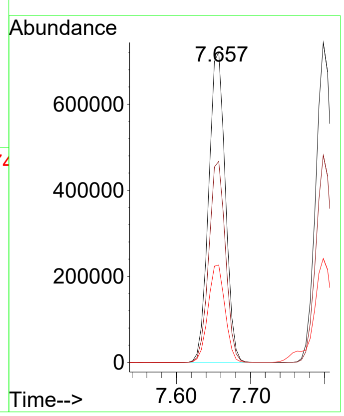




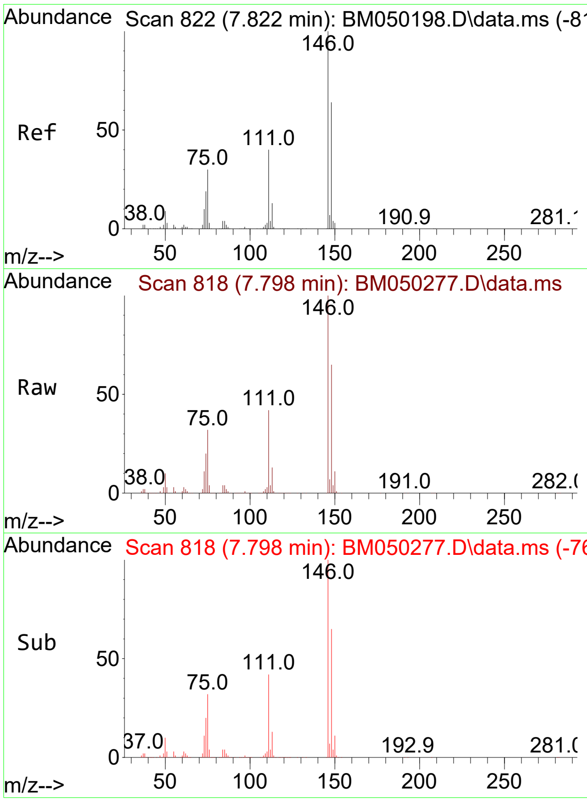
#12
1,3-Dichlorobenzene
Concen: 39.750 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:146 Resp: 1130443

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	31.4	23.4	35.0



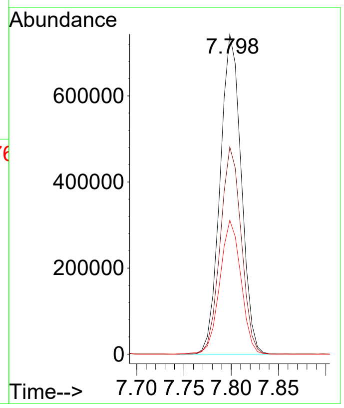
Instrument : BNA_M
ClientSampleId : SSTDCCC040

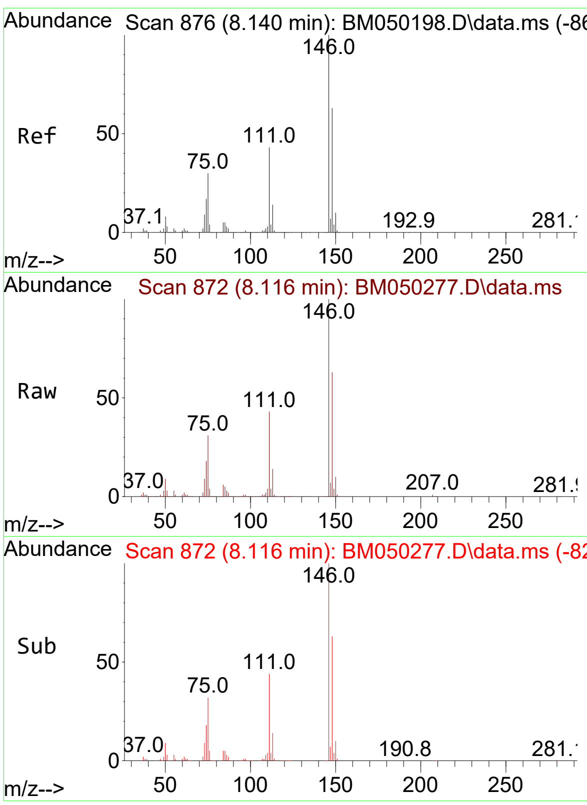


#13
1,4-Dichlorobenzene
Concen: 39.088 ng
RT: 7.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:146 Resp: 1156598

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
111	41.9	32.3	48.5

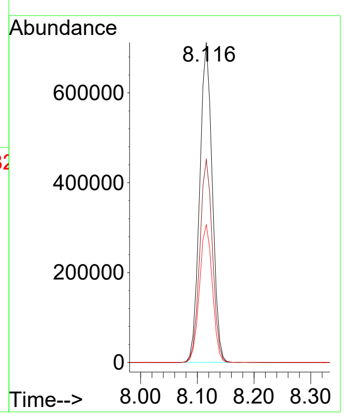




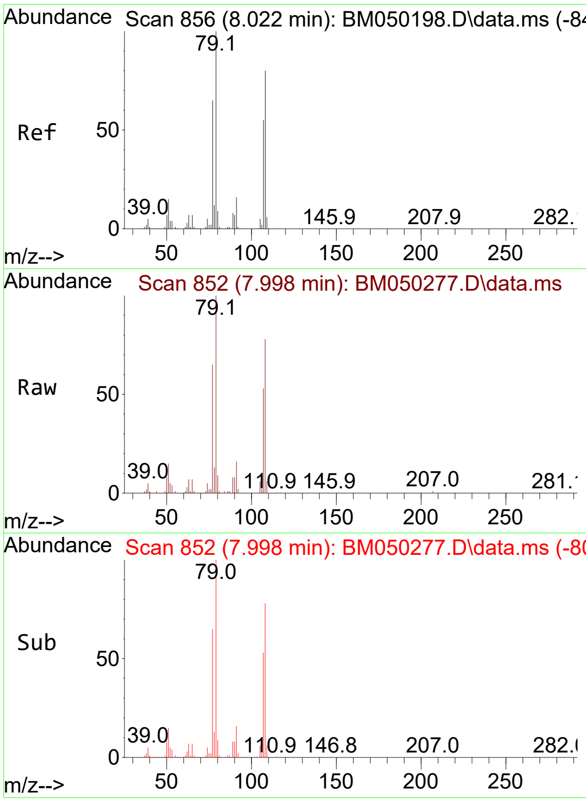
#14
1,2-Dichlorobenzene
Concen: 39.149 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:146 Resp: 1104301

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	43.0	34.3	51.5



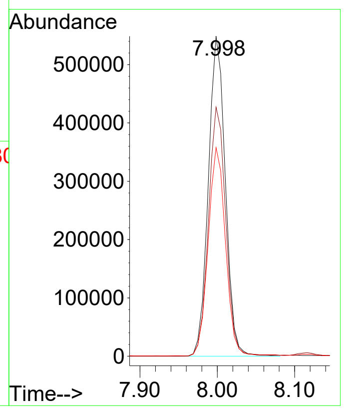
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

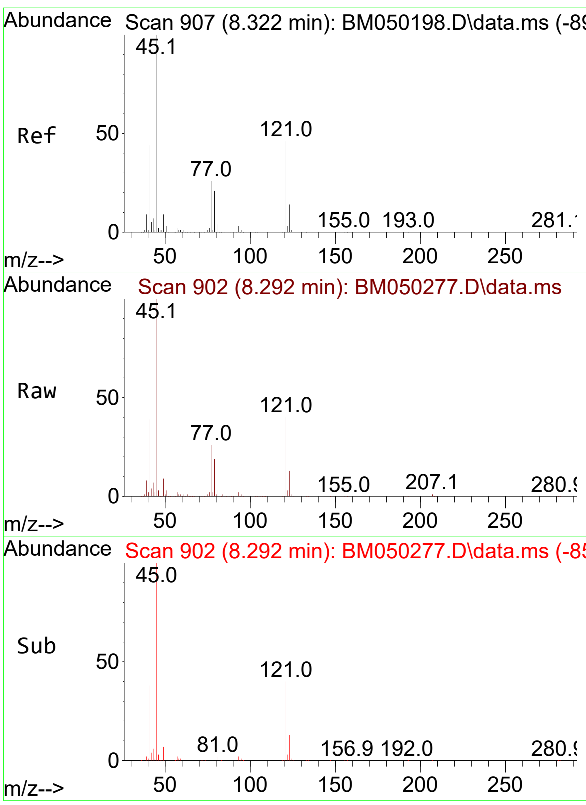


#15
Benzyl Alcohol
Concen: 38.722 ng
RT: 7.998 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 79 Resp: 840825

Ion	Ratio	Lower	Upper
79	100		
108	77.8	64.0	96.0
77	65.2	52.2	78.2

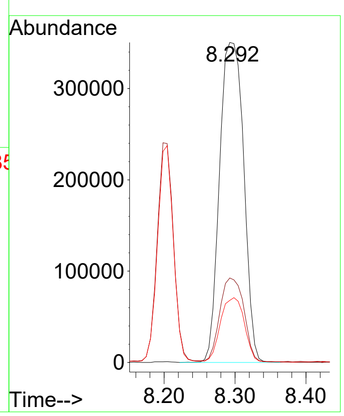




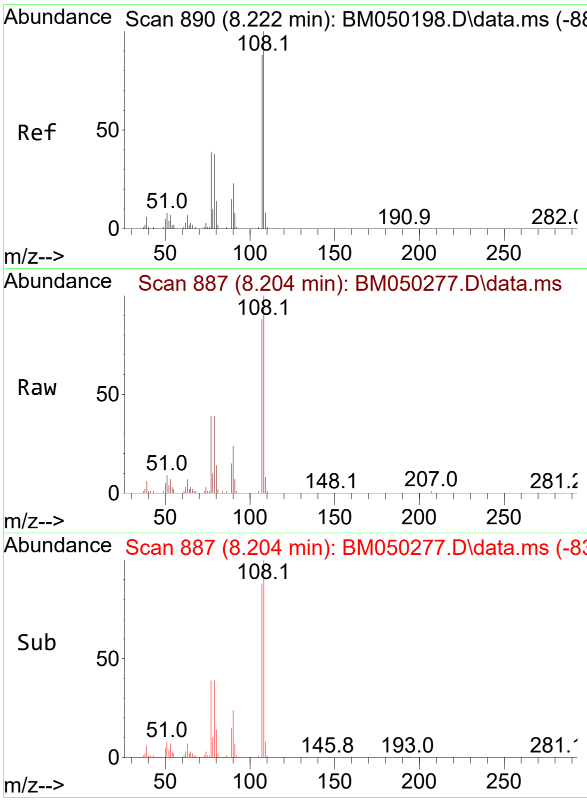
#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.077 ng
RT: 8.292 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 45 Resp: 829330

Ion	Ratio	Lower	Upper
45	100		
77	26.4	8.7	48.7
79	19.4	2.7	42.7



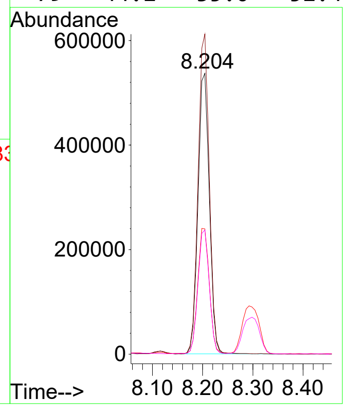
Instrument : BNA_M
ClientSampleId : SSTDCCC040

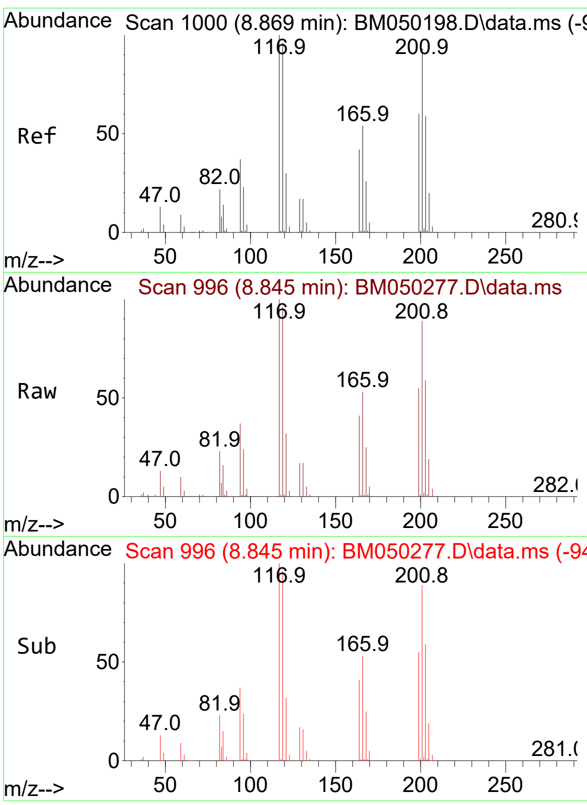


#17
2-Methylphenol
Concen: 39.450 ng
RT: 8.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:107 Resp: 838482

Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.8	136.2
77	44.6	35.7	53.5
79	44.2	35.0	52.4

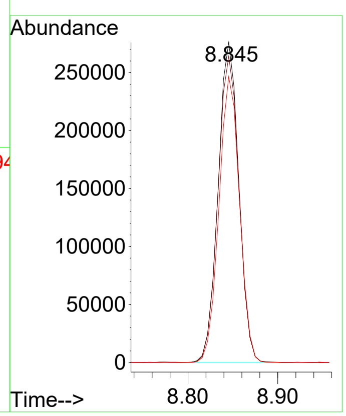




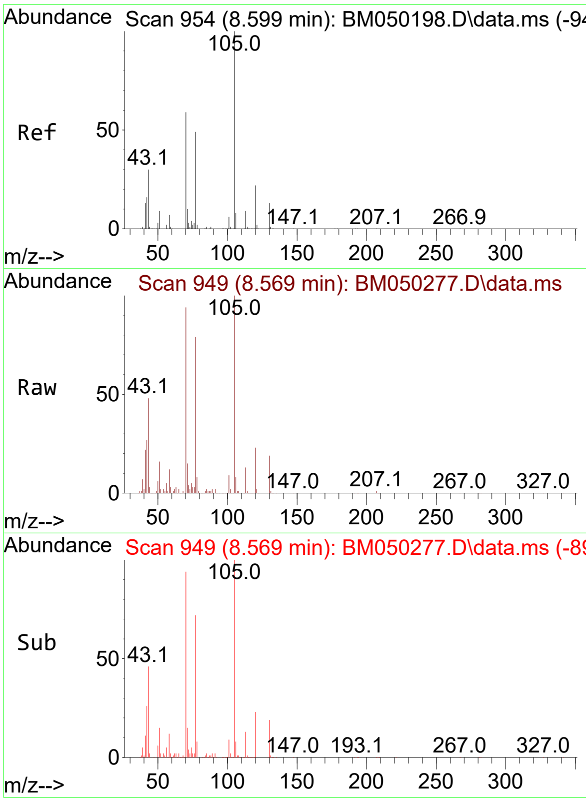
#18
Hexachloroethane
Concen: 41.196 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:117 Resp: 441436

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.0	115.6
201	89.3	74.6	111.8



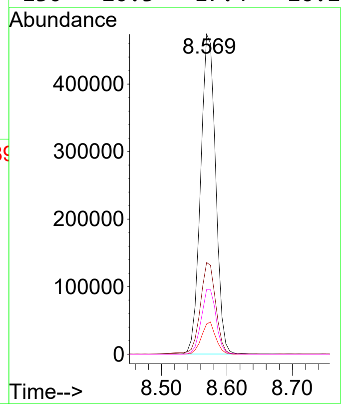
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

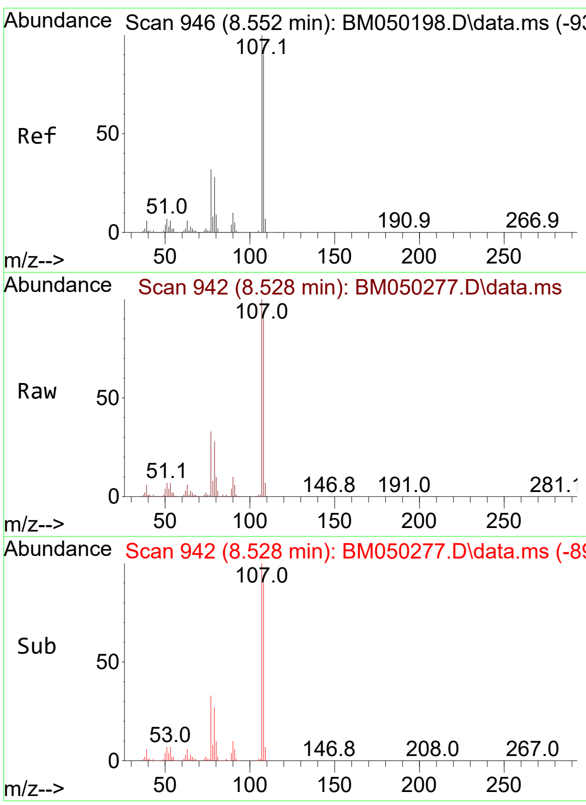


#19
n-Nitroso-di-n-propylamine
Concen: 40.655 ng
RT: 8.569 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 70 Resp: 757434

Ion	Ratio	Lower	Upper
70	100		
42	28.6	22.6	33.8
101	9.5	8.3	12.5
130	20.3	17.4	26.2

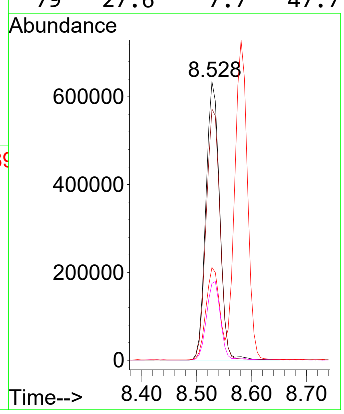




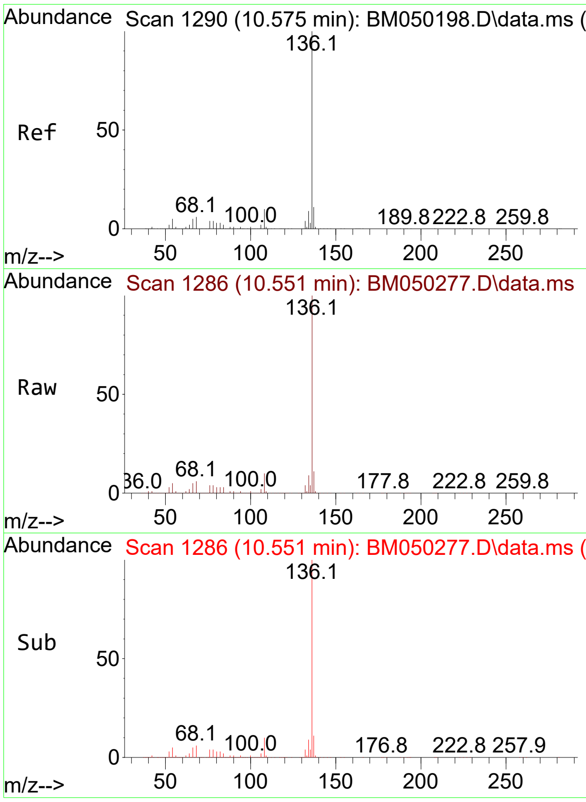
#20
3+4-Methylphenols
Concen: 39.002 ng
RT: 8.528 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:107 Resp: 1109070

Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.4	110.4
77	33.3	12.2	52.2
79	27.6	7.7	47.7



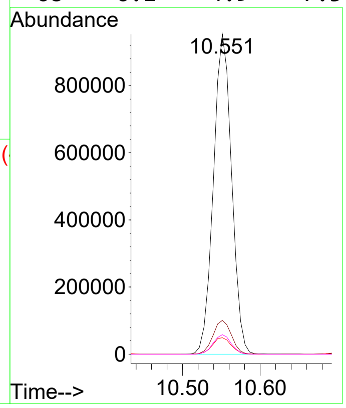
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

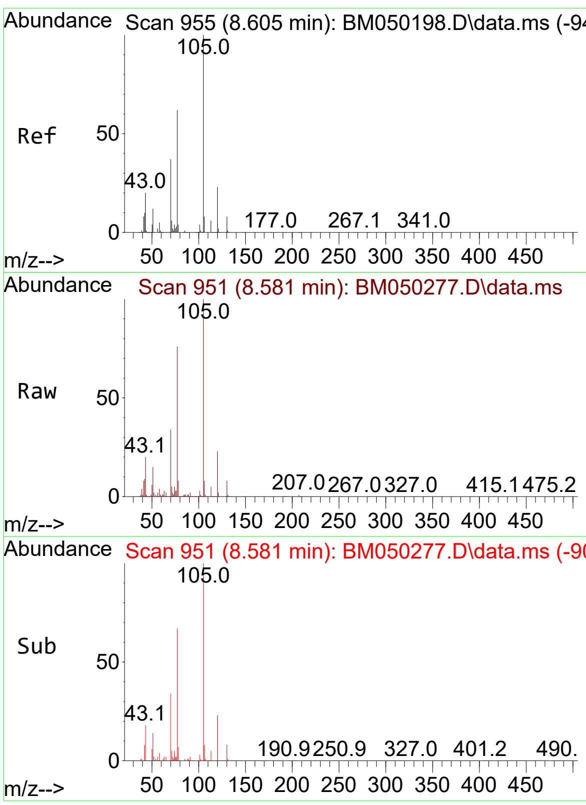


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:136 Resp: 1556758

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	5.2	3.8	5.8
68	6.1	4.9	7.3

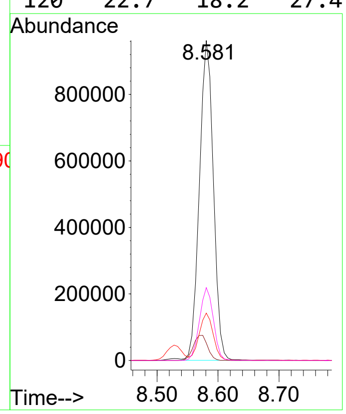




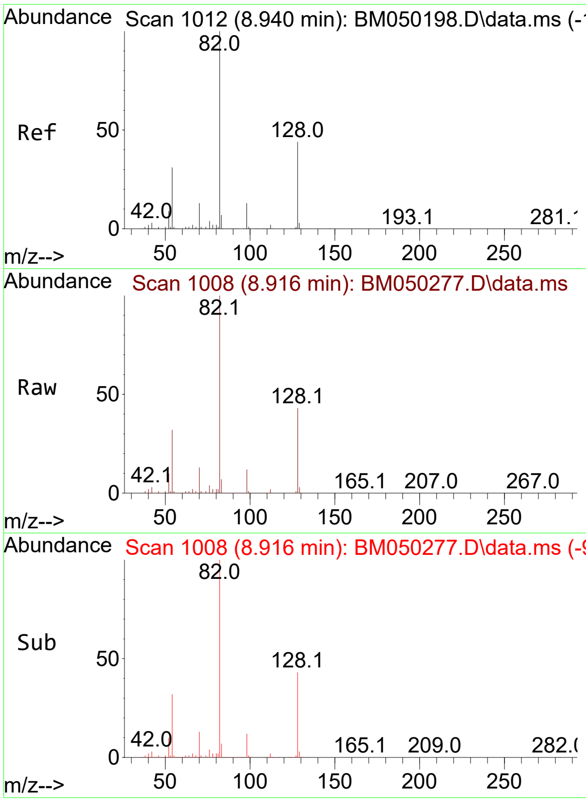
#22
Acetophenone
Concen: 39.404 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:105 Resp: 1532522

Ion	Ratio	Lower	Upper
105	100		
71	5.5	5.0	7.4
51	14.8	11.4	17.2
120	22.7	18.2	27.4



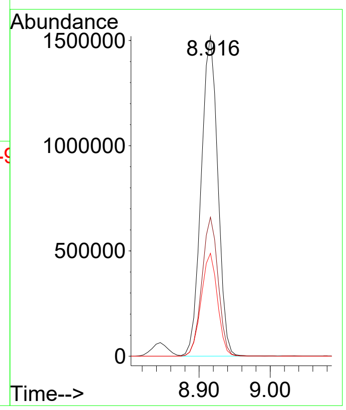
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

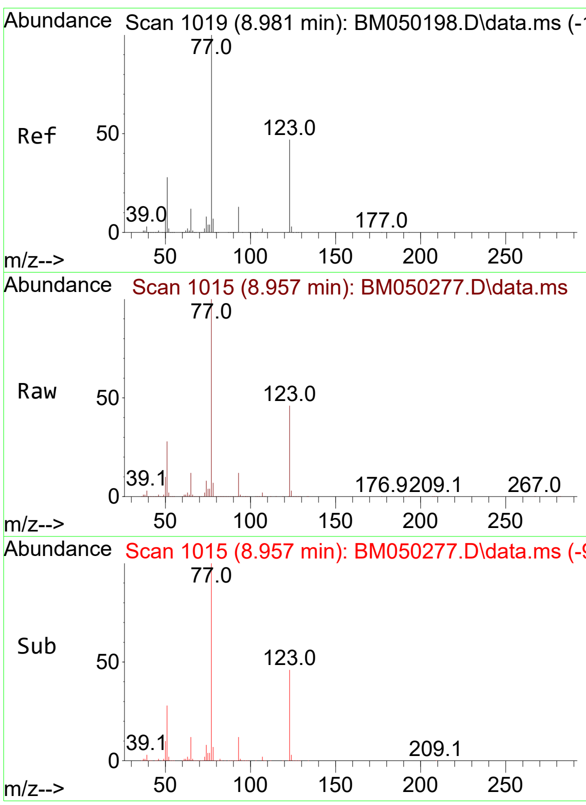


#23
Nitrobenzene-d5
Concen: 82.881 ng
RT: 8.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 82 Resp: 2480888

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.2	52.8
54	32.1	24.5	36.7

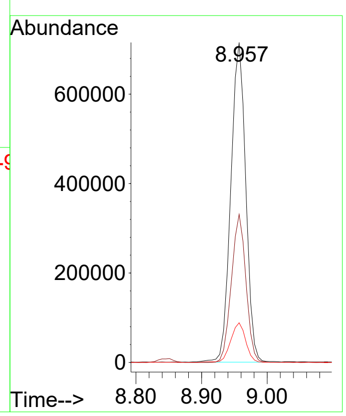




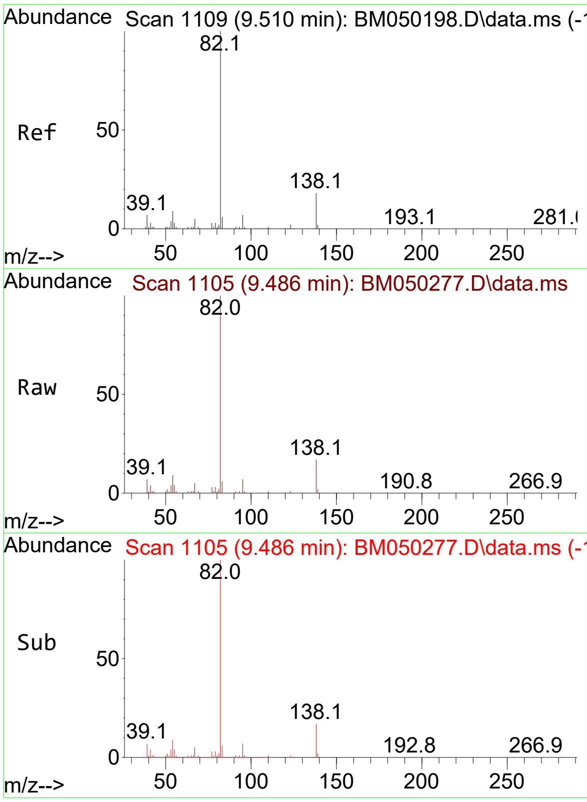
#24
Nitrobenzene
Concen: 41.529 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 77 Resp: 1130557

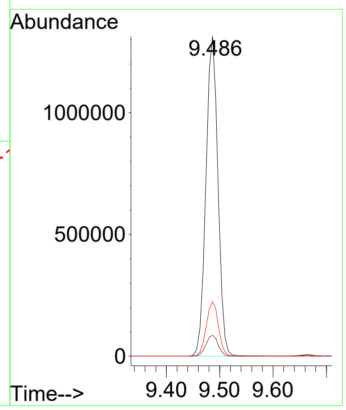
Ion	Ratio	Lower	Upper
77	100		
123	46.3	38.2	57.2
65	12.4	9.5	14.3

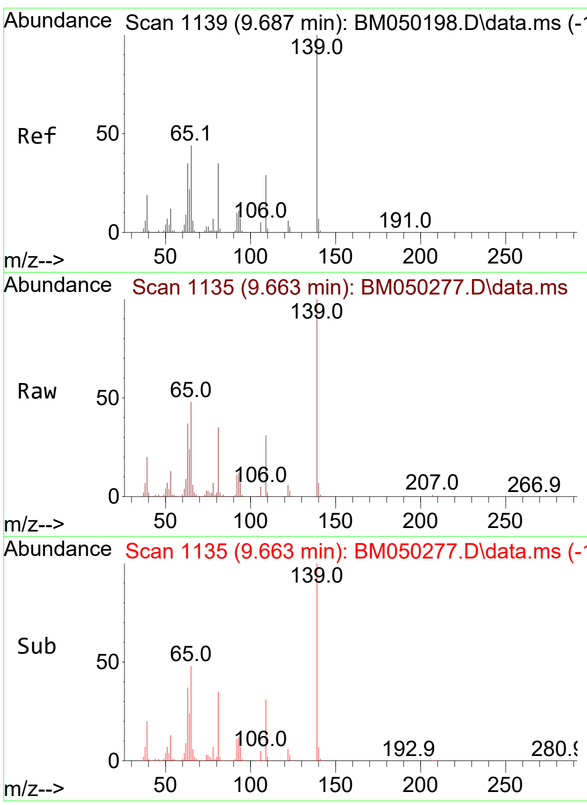


Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

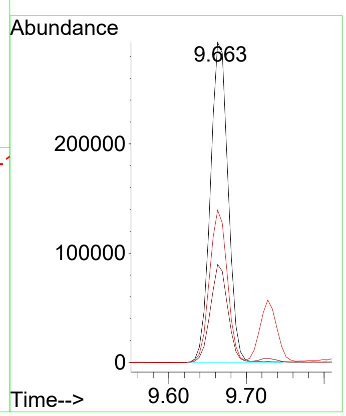



```
#25
Isophorone
Concen:   39.692 ng
RT:   9.486 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BM050277.D
Acq: 11 Jun 2025  16:25

Tgt Ion: 82 Resp: 2050637
Ion  Ratio  Lower  Upper
 82  100
 95    6.6    5.7    8.5
138   17.1   14.2   21.2
```

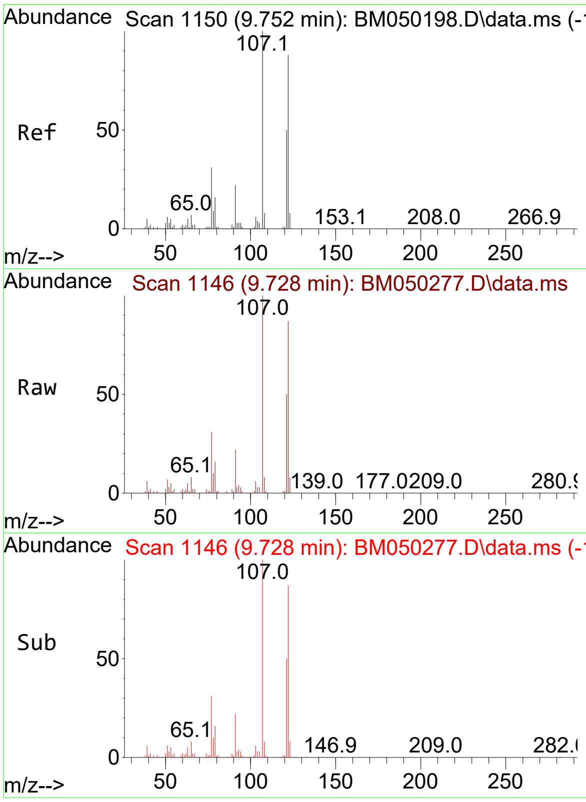





```
#26
2-Nitrophenol
Concen:   39.656 ng
RT:   9.663 min  Scan# 1135
Delta R.T.  -0.006 min
Lab File:   BM050277.D
Acq: 11 Jun 2025  16:25

Tgt Ion:139 Resp:  466003
Ion  Ratio  Lower  Upper
139  100
109   30.6   23.3   34.9
 65   47.6   35.2   52.8
```



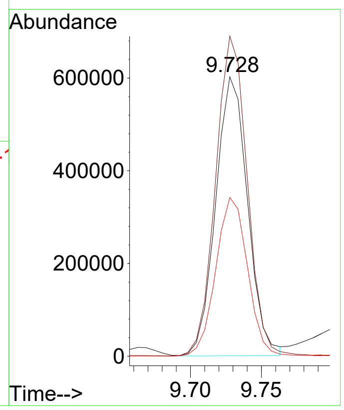
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

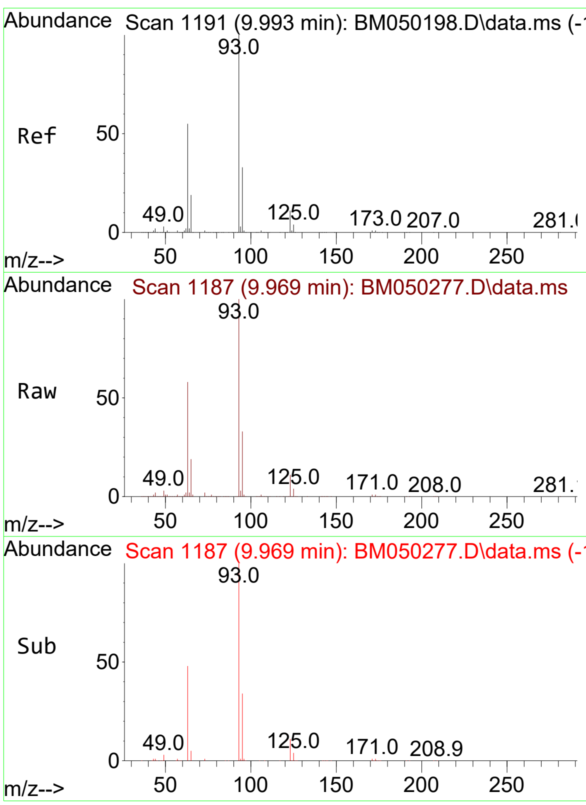


#27
2,4-Dimethylphenol
Concen: 39.024 ng
RT: 9.728 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:122 Resp: 942247

Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.0	136.6
121	56.8	45.8	68.6

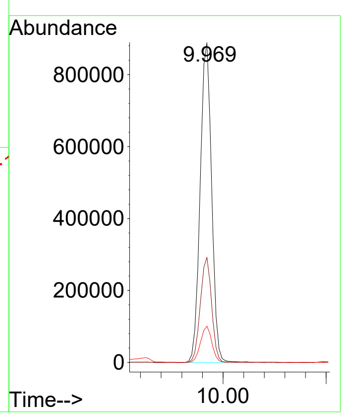




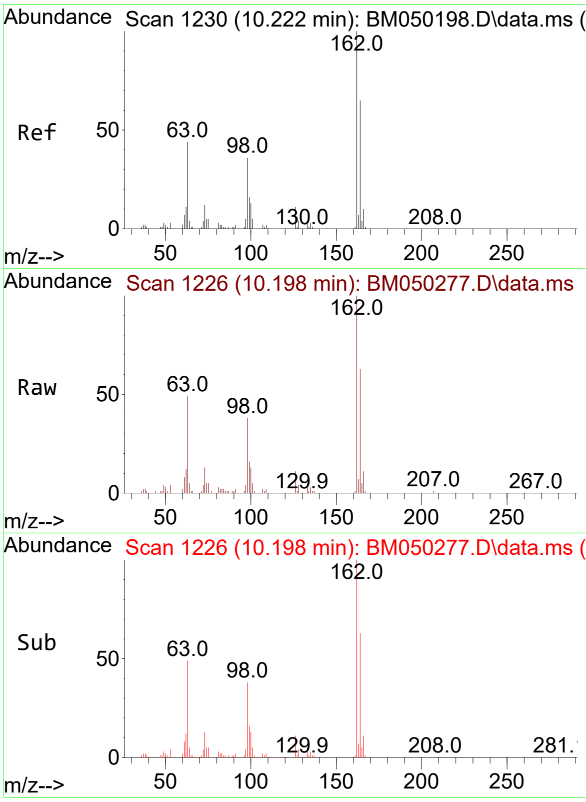
#28
bis(2-Chloroethoxy)methane
Concen: 40.621 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 93 Resp: 1370995

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	11.3	8.9	13.3



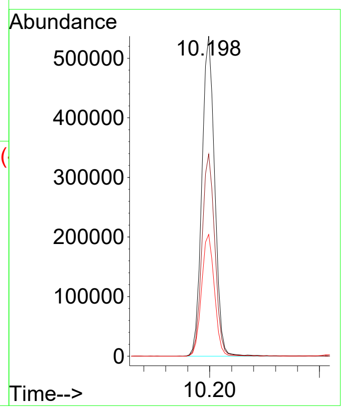
Instrument : BNA_M
ClientSampleId : SSTDCCC040

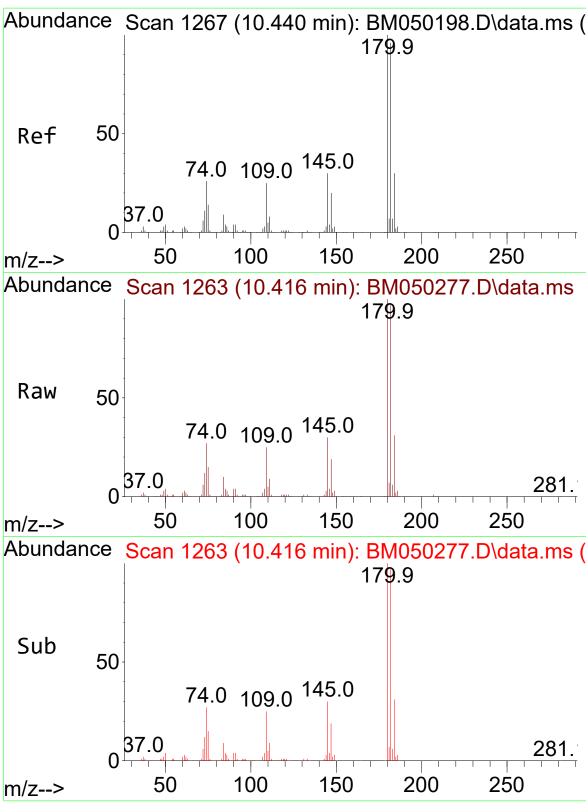


#29
2,4-Dichlorophenol
Concen: 39.001 ng
RT: 10.198 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:162 Resp: 871420

Ion	Ratio	Lower	Upper
162	100		
164	63.1	45.0	85.0
98	38.1	16.3	56.3

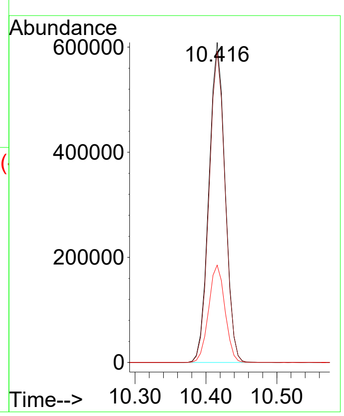




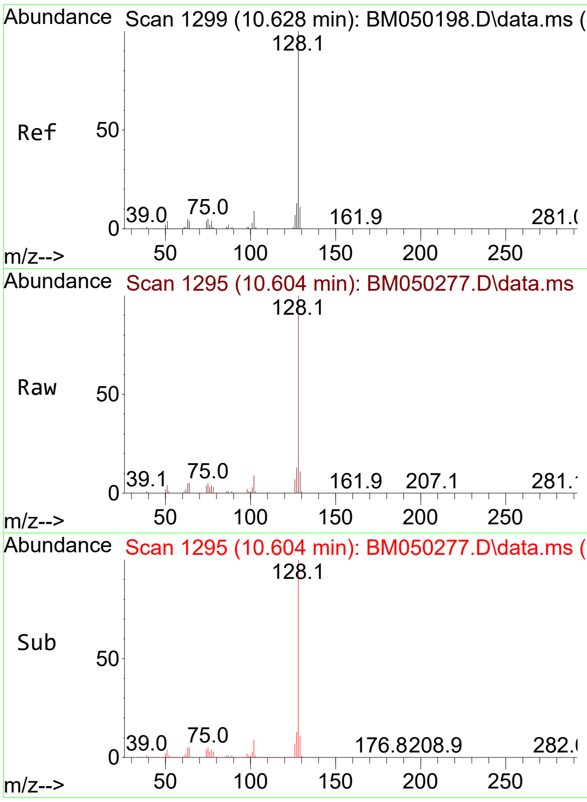
#30
1,2,4-Trichlorobenzene
Concen: 38.916 ng
RT: 10.416 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:180 Resp: 967611

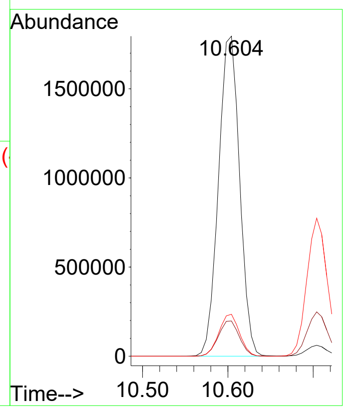
Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.6	114.8
145	30.4	24.2	36.4

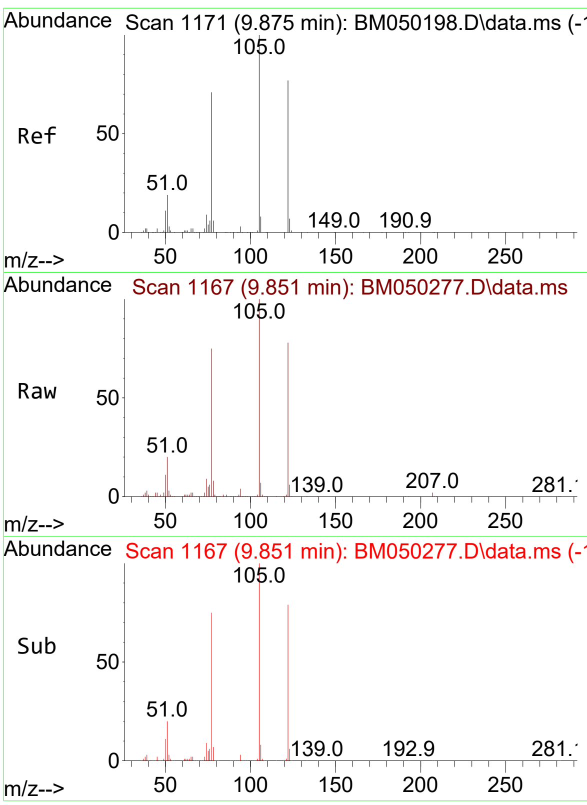


Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

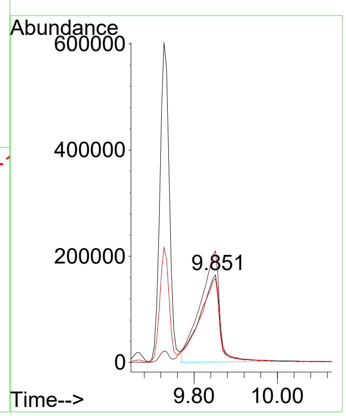



```
#31
Naphthalene
Concen:   38.444 ng
RT:  10.604 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BM050277.D
Acq: 11 Jun 2025  16:25

Tgt Ion:128 Resp: 3094262
Ion  Ratio  Lower  Upper
128  100
129   11.0    8.6   12.8
127   13.1   10.2   15.4
```

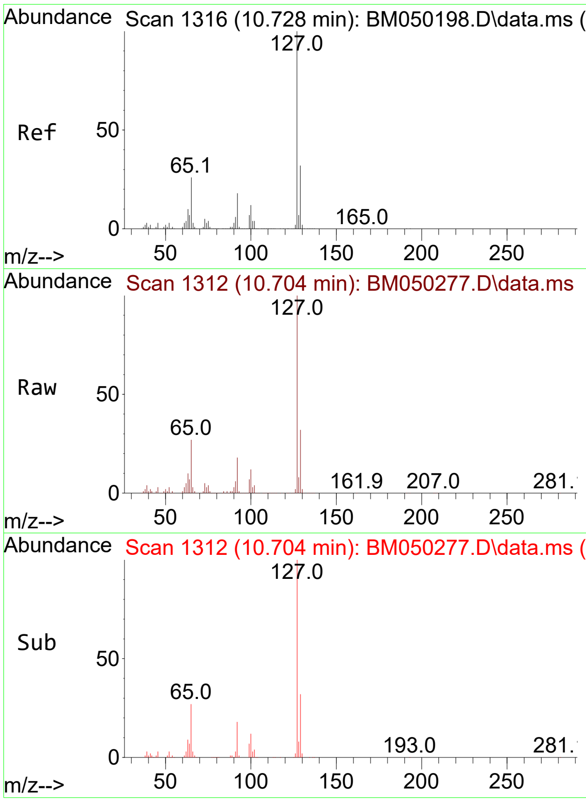





```
#32
Benzoic acid
Concen:   36.270 ng
RT:   9.851 min  Scan# 1167
Delta R.T.  0.006 min
Lab File:   BM050277.D
Acq: 11 Jun 2025  16:25

Tgt Ion:122 Resp:  550355
Ion  Ratio  Lower  Upper
122  100
105  127.4  103.4  143.4
 77   96.0   70.3  110.3
```



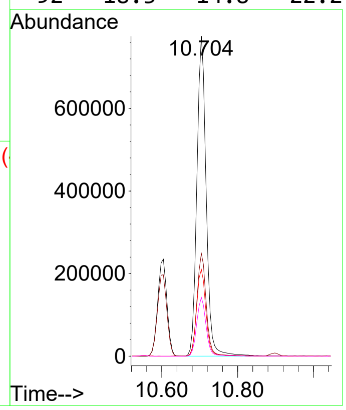
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

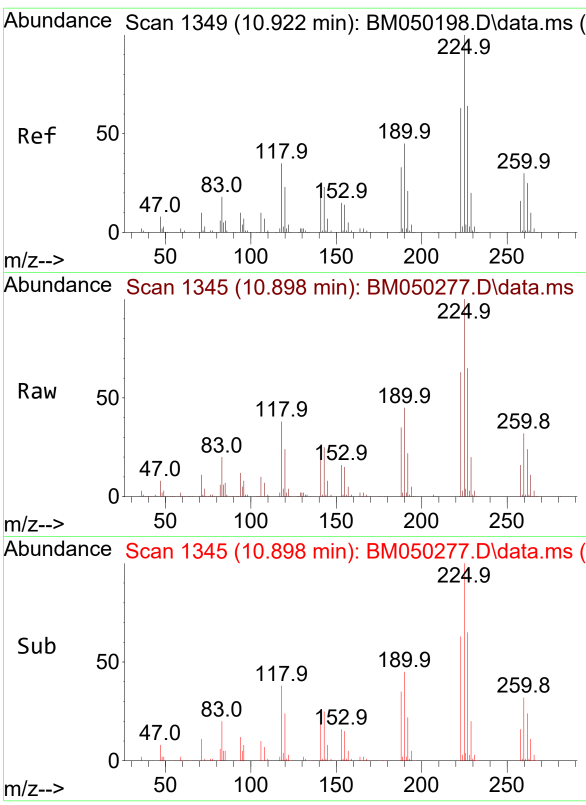


#33
4-Chloroaniline
Concen: 38.880 ng
RT: 10.704 min Scan# 1
Delta R.T.   -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:127 Resp: 1334180

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.0
65	27.1	21.0	31.4
92	18.3	14.8	22.2

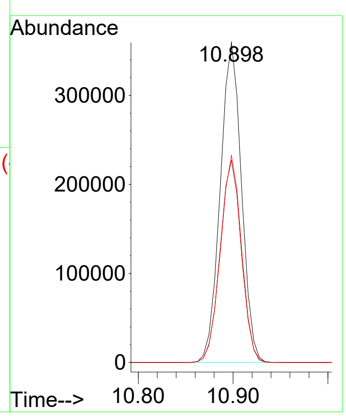




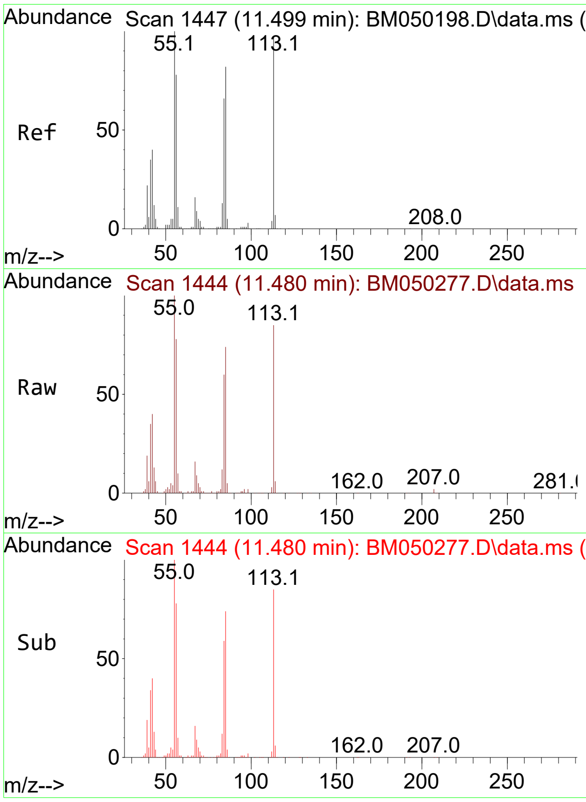
#34
Hexachlorobutadiene
Concen: 37.823 ng
RT: 10.898 min Scan# 1345
Delta R.T.   -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:225 Resp: 559388

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	64.7	51.0	76.4



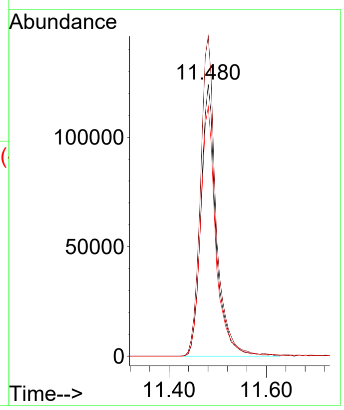
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

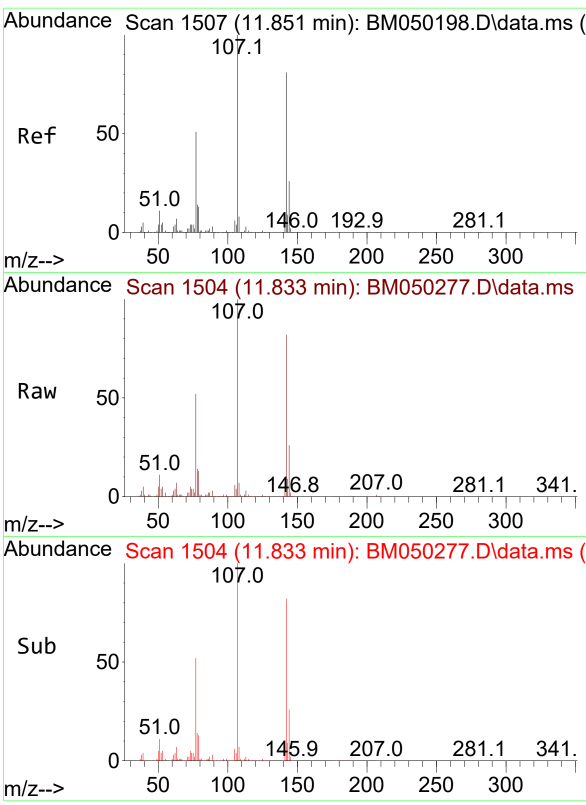


#35
Caprolactam
Concen: 38.049 ng
RT: 11.480 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:113 Resp: 269529

Ion	Ratio	Lower	Upper
113	100		
55	117.8	83.5	123.5
56	91.9	60.6	100.6

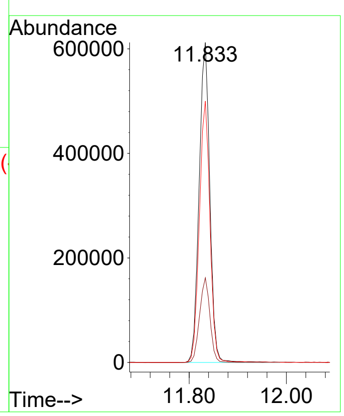




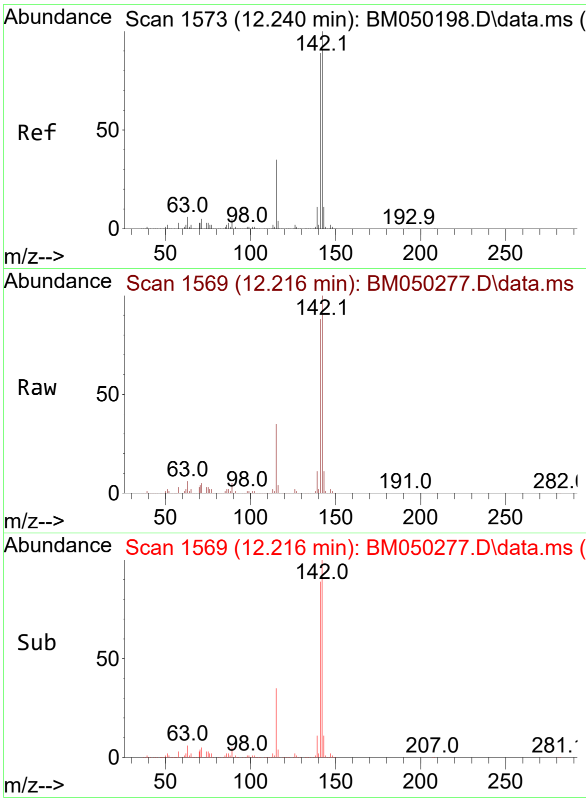
#36
4-Chloro-3-methylphenol
Concen: 39.332 ng
RT: 11.833 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:107 Resp: 937746

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.0	31.6
142	81.6	64.8	97.2



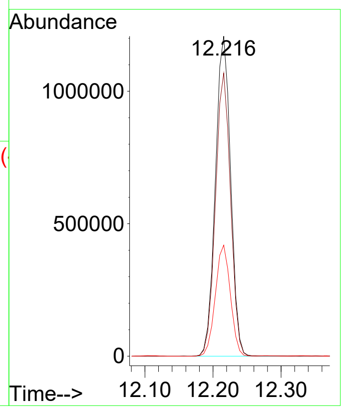
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

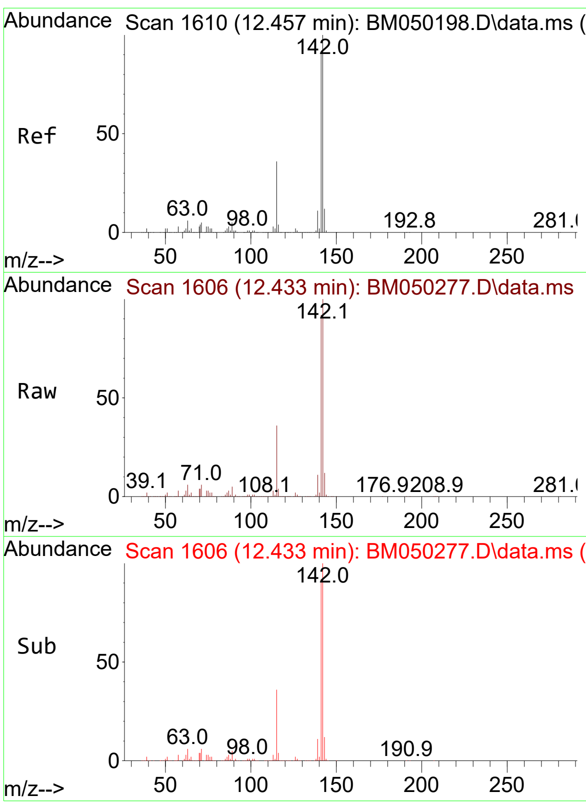


#37
2-Methylnaphthalene
Concen: 38.879 ng
RT: 12.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:142 Resp: 1887813

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.5	107.3
115	34.7	27.8	41.8

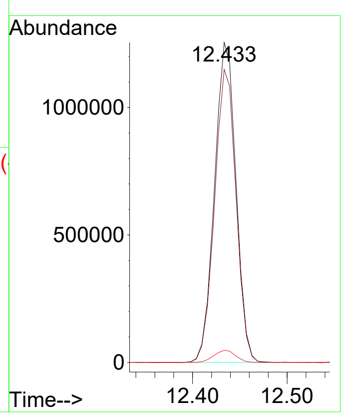




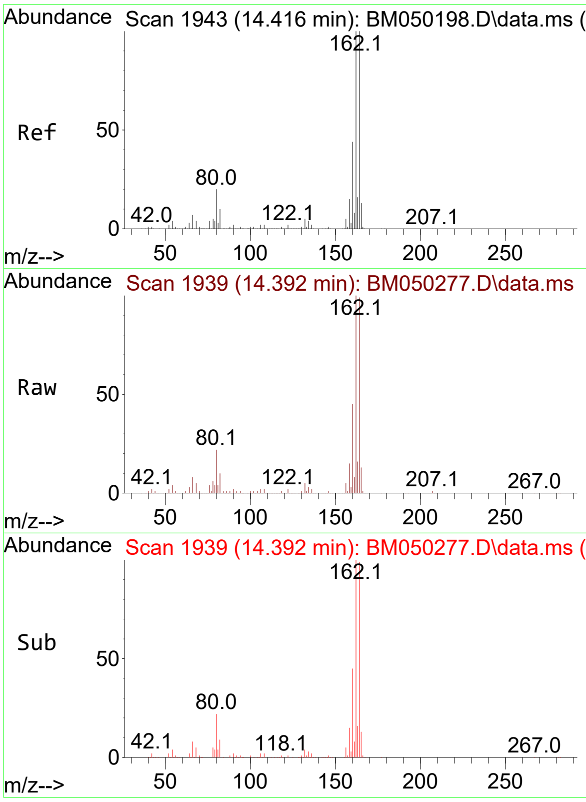
#38
1-Methylnaphthalene
Concen: 38.379 ng
RT: 12.433 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:142 Resp: 1977930

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.9	109.3
116	3.8	3.0	4.6



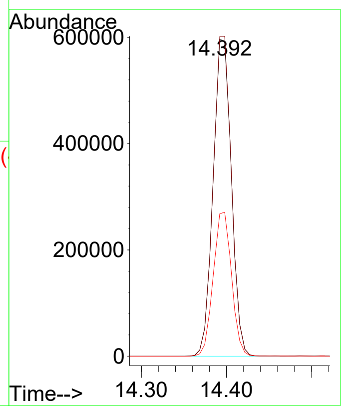
Instrument : BNA_M
ClientSampleId : SSTDCCC040

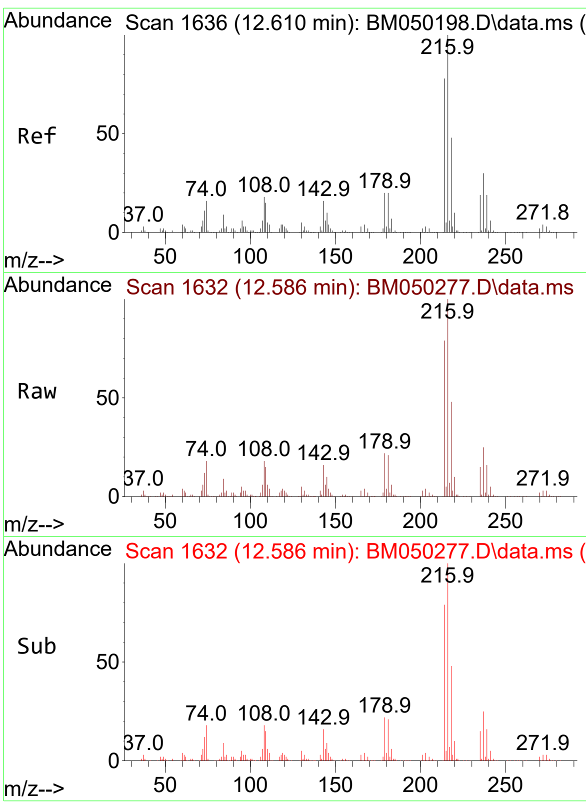


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1?
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:164 Resp: 888836

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.4
160	45.0	35.7	53.5

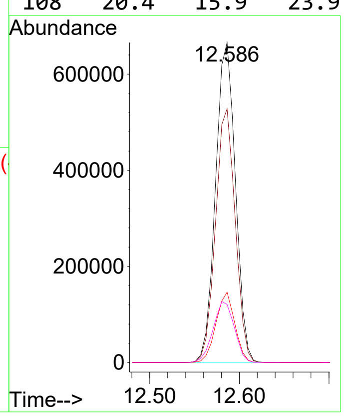




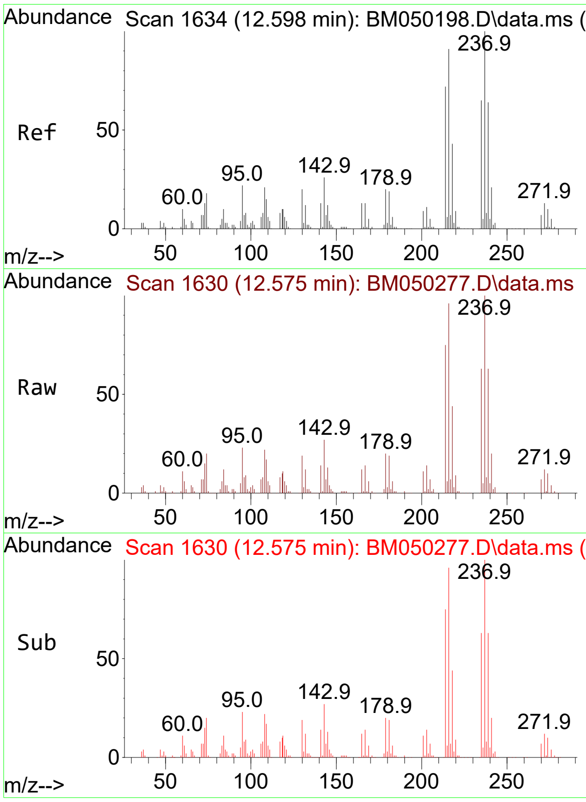
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.002 ng
RT: 12.586 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:216 Resp: 1026691

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	20.9	16.6	25.0
108	20.4	15.9	23.9



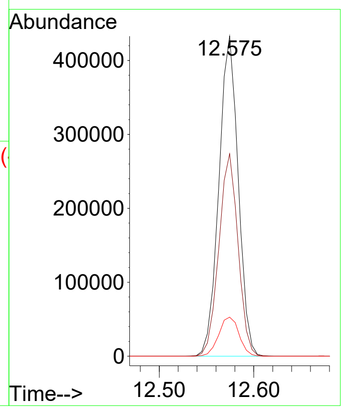
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

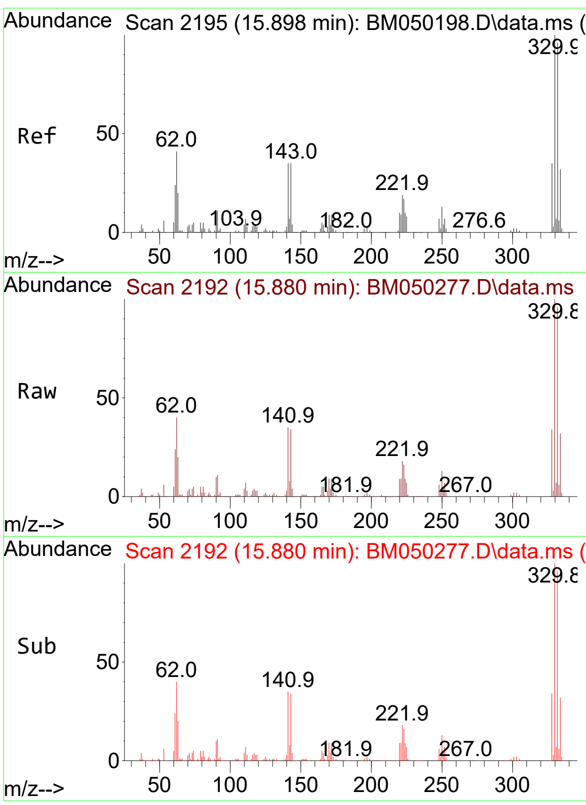


#41
Hexachlorocyclopentadiene
Concen: 39.489 ng
RT: 12.575 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:237 Resp: 615515

Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.6	84.6
272	12.2	0.0	33.1

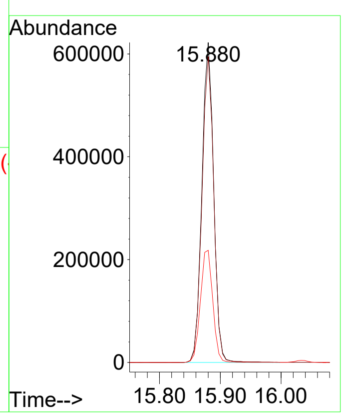




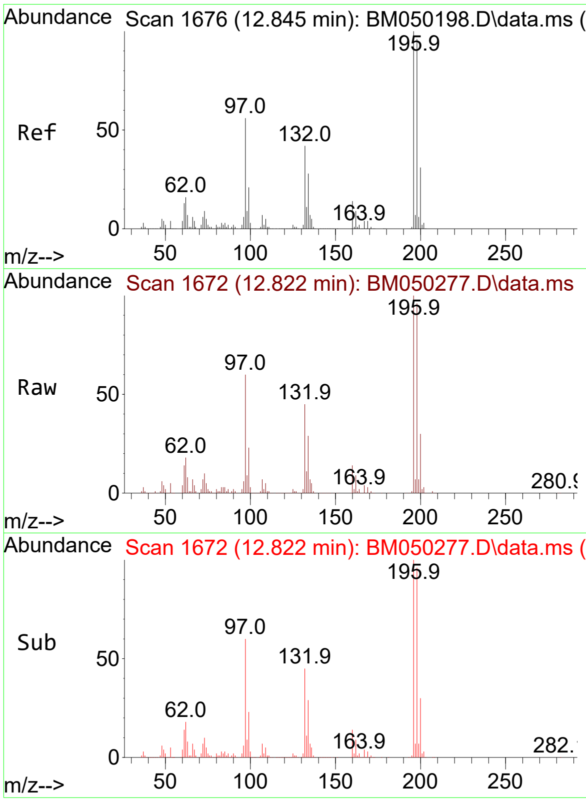
#42
2,4,6-Tribromophenol
Concen: 83.110 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:330 Resp: 840232

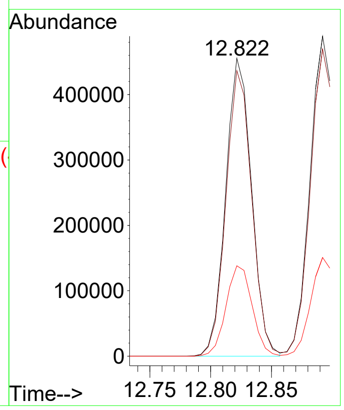
Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.5	116.3
141	36.9	28.8	43.2

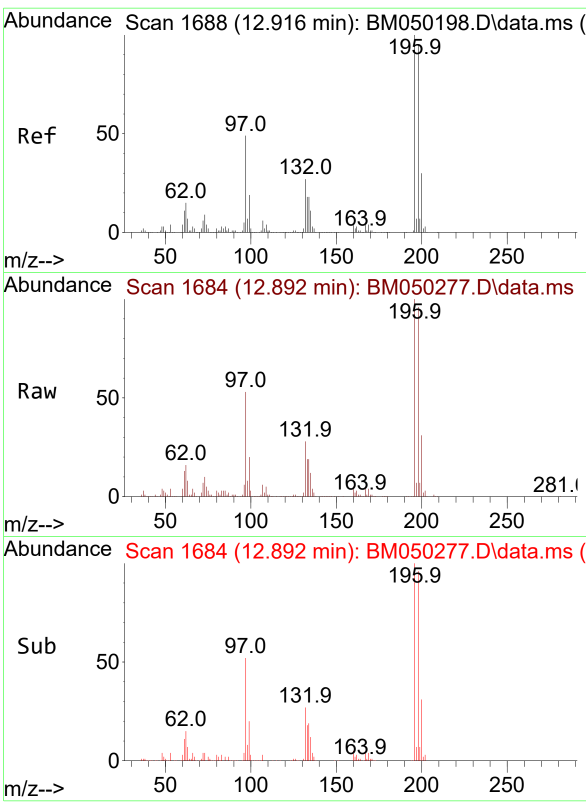


Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

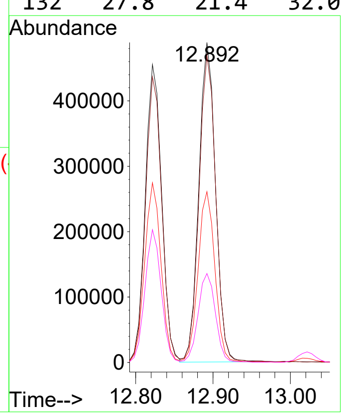



```
#43
2,4,6-Trichlorophenol
Concen:   40.009 ng
RT:  12.822 min  Scan# 1
Delta R.T.  -0.006 min
Lab File:   BM050277.D
Acq: 11 Jun 2025  16:25

Tgt Ion:196 Resp:  675293
Ion  Ratio  Lower  Upper
196  100
198   95.9   76.6  115.0
200   30.3   24.5   36.7
```

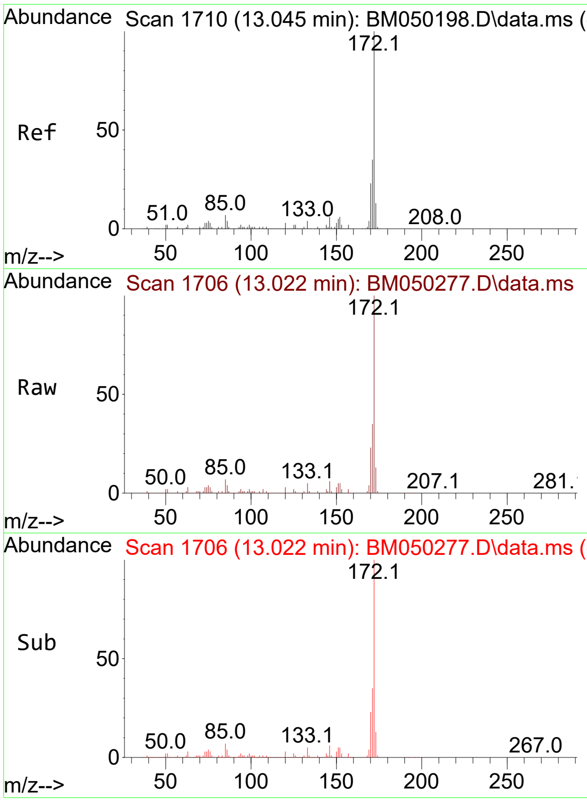





```
#44
2,4,5-Trichlorophenol
Concen:   39.600 ng
RT:  12.892 min  Scan# 1684
Delta R.T.  -0.006 min
Lab File:   BM050277.D
Acq: 11 Jun 2025  16:25

Tgt Ion:196 Resp:  733855
Ion  Ratio  Lower  Upper
196  100
198   96.0   76.1  114.1
 97   53.4   39.3   58.9
132   27.8   21.4   32.0
```



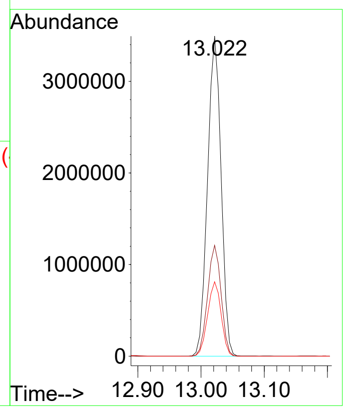
Instrument : BNA_M
ClientSampleId : SSTDCCC040

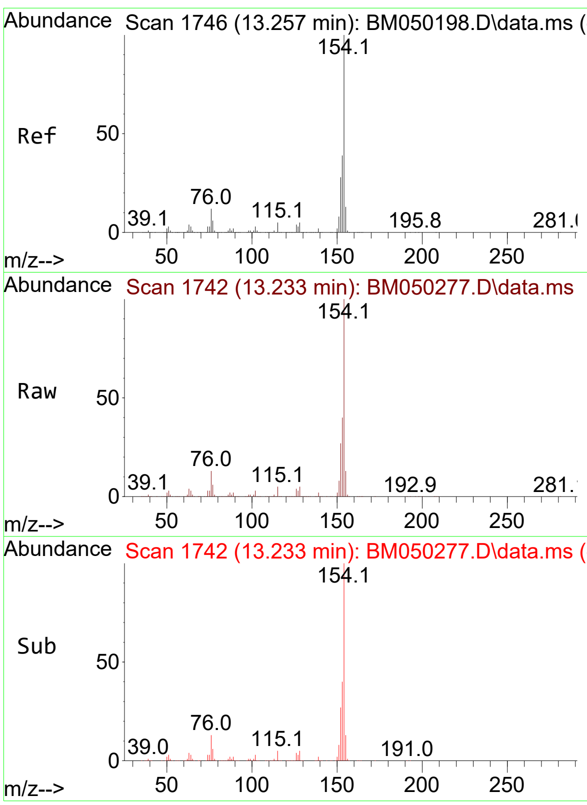


#45
2-Fluorobiphenyl
Concen: 79.033 ng
RT: 13.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:172 Resp: 5188711

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.3	18.6	27.8

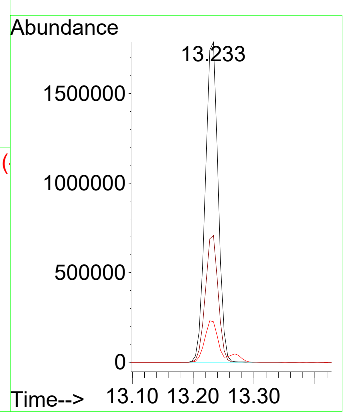




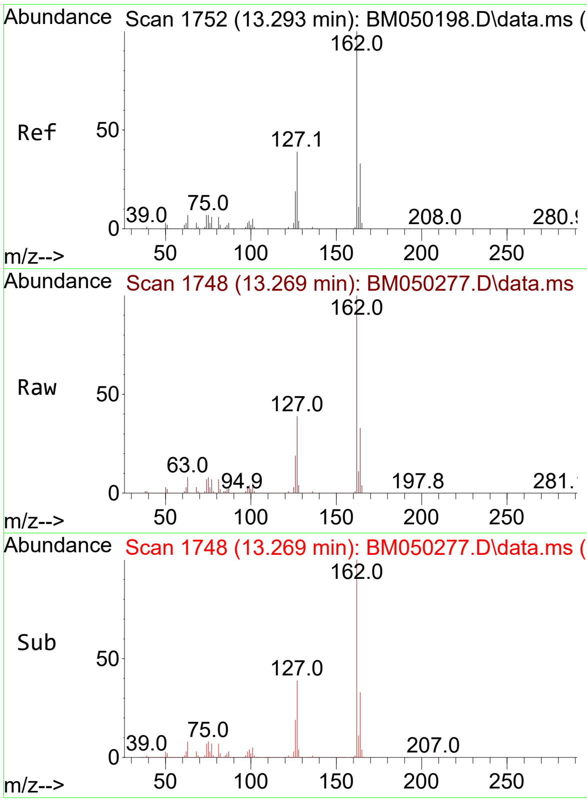
#46
1,1'-Biphenyl
Concen: 39.389 ng
RT: 13.233 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:154 Resp: 2621510

Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.2	59.2
76	12.7	0.0	32.0



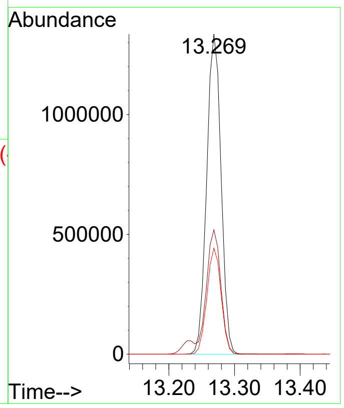
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

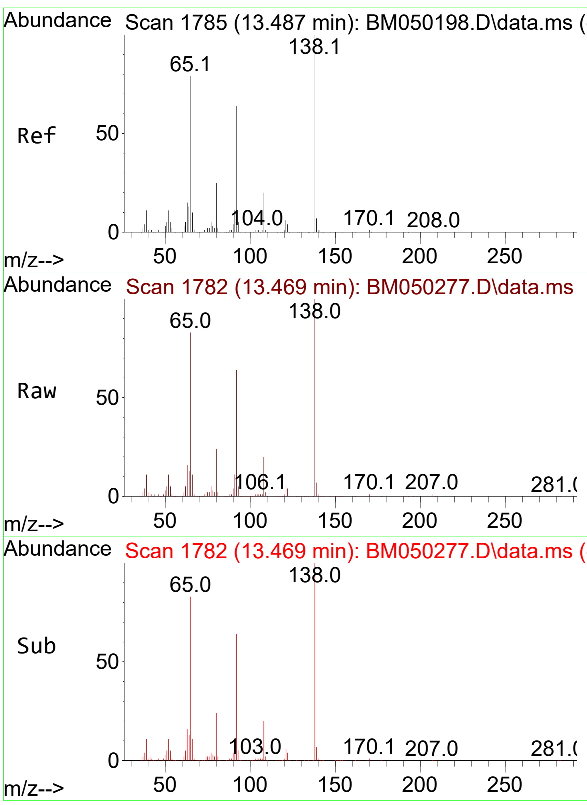


#47
2-Chloronaphthalene
Concen: 39.411 ng
RT: 13.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:162 Resp: 2039196

Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.1	46.7
164	33.2	26.5	39.7

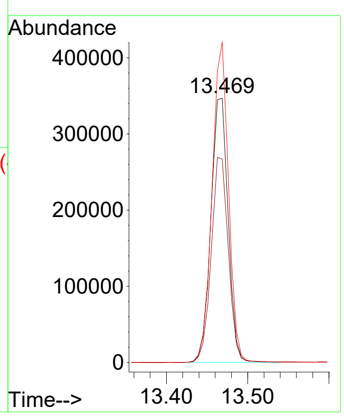




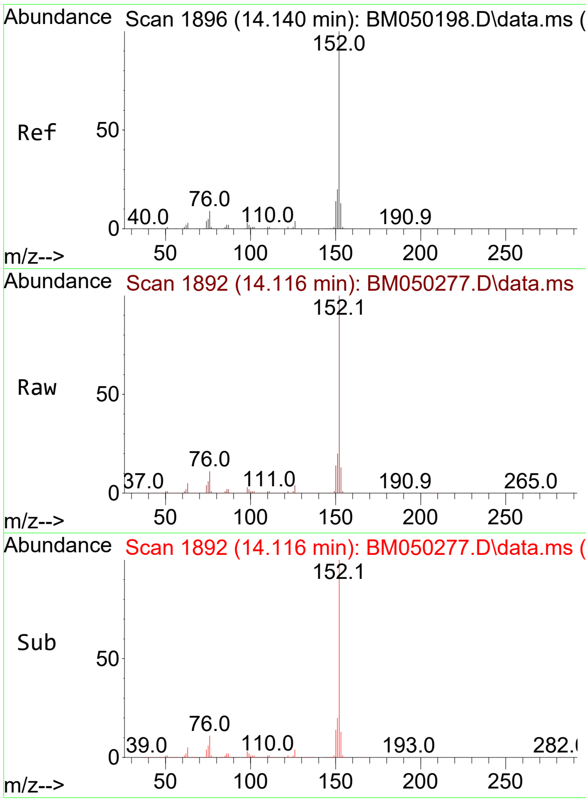
#48
2-Nitroaniline
Concen: 45.072 ng
RT: 13.469 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 65 Resp: 513213

Ion	Ratio	Lower	Upper
65	100		
92	77.0	64.2	96.4
138	121.0	101.0	151.4



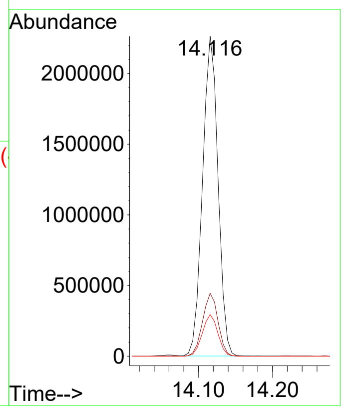
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

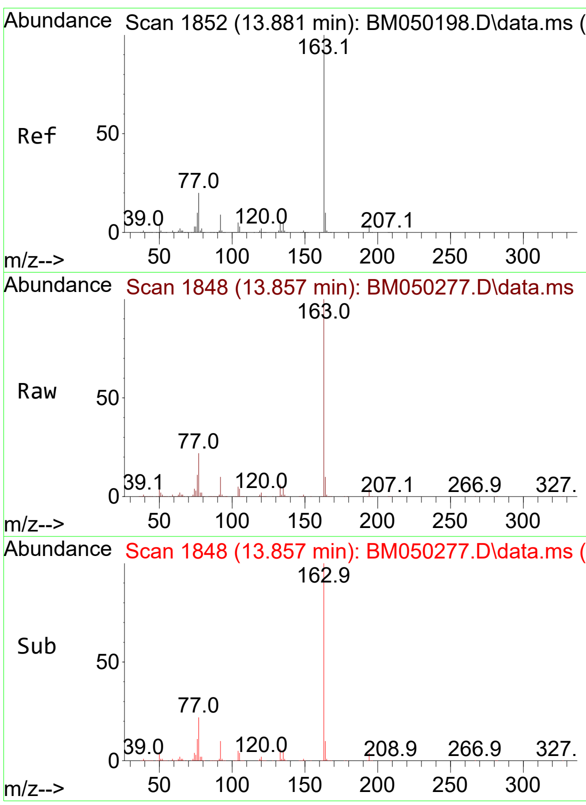


#49
Acenaphthylene
Concen: 39.261 ng
RT: 14.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:152 Resp: 3285780

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.4	15.6

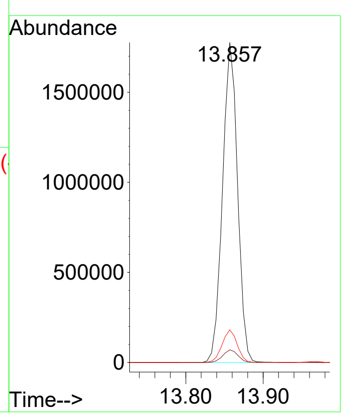




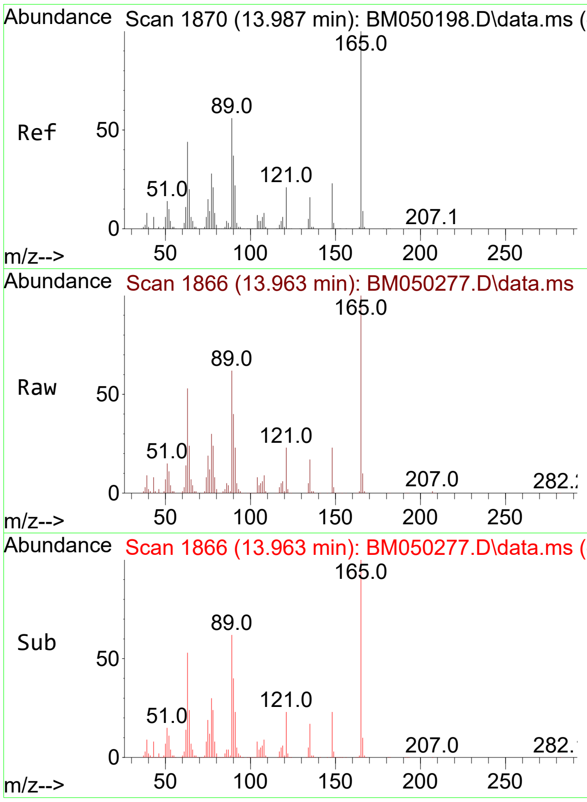
#50
Dimethylphthalate
Concen: 39.949 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:163 Resp: 2401432

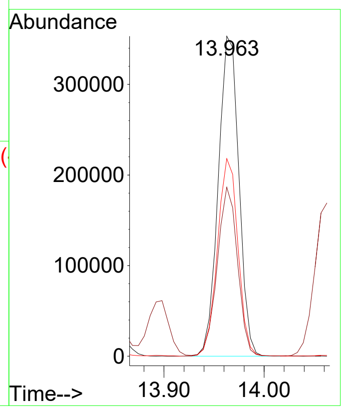
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	7.9	11.9

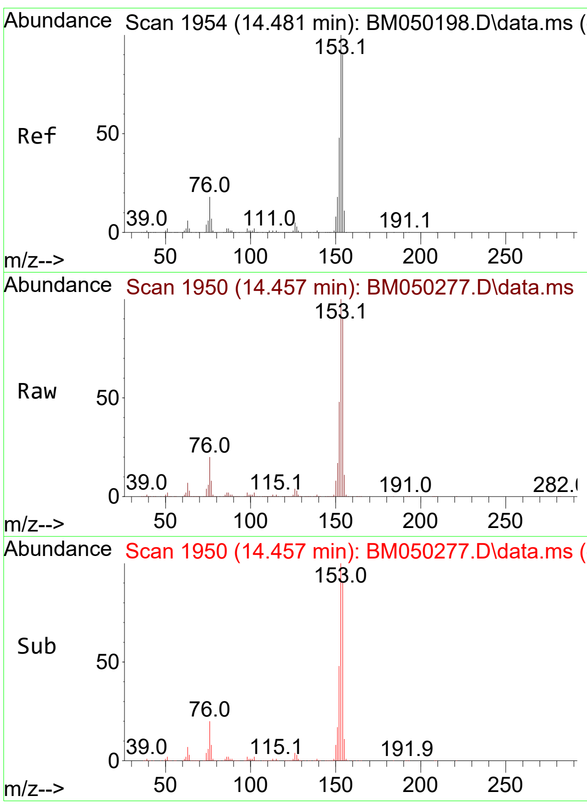


Instrument : BNA_M
ClientSampleId : SSTDCCC040

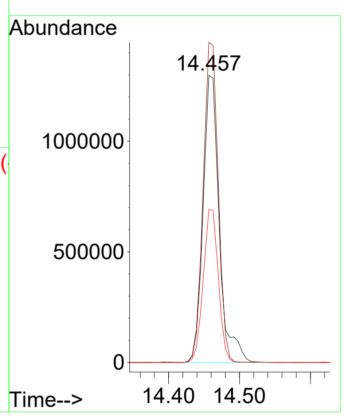



```
#51
2,6-Dinitrotoluene
Concen:   41.682 ng
RT:  13.963 min  Scan# 1
Delta R.T.   -0.006 min
Lab File:    BM050277.D
Acq: 11 Jun 2025  16:25

Tgt Ion:165 Resp:  505289
Ion  Ratio  Lower  Upper
165  100
 63   52.8   35.8   53.6
 89   61.8   44.8   67.2
```

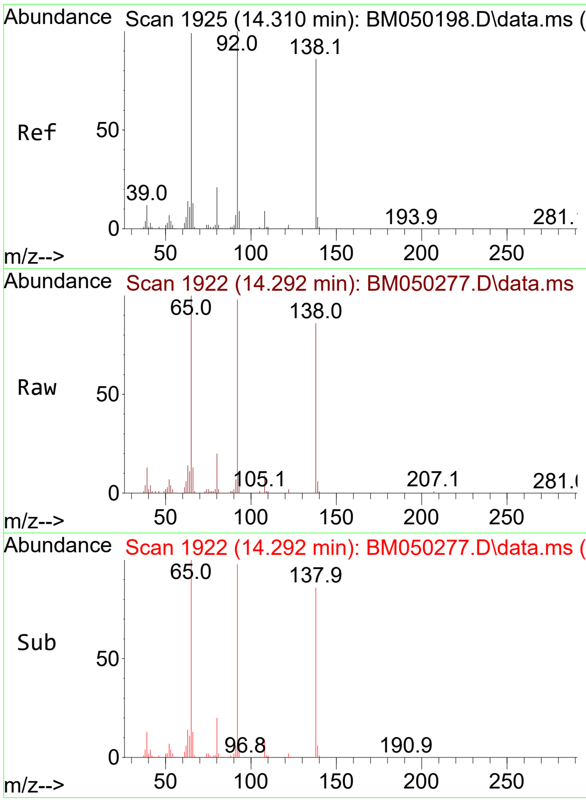





```
#52
Acenaphthene
Concen:   39.320 ng
RT:  14.457 min  Scan# 1950
Delta R.T.   -0.006 min
Lab File:    BM050277.D
Acq: 11 Jun 2025  16:25

Tgt Ion:154 Resp: 2058274
Ion  Ratio  Lower  Upper
154  100
153  111.5   88.7  133.1
152   53.2   42.6   63.8
```



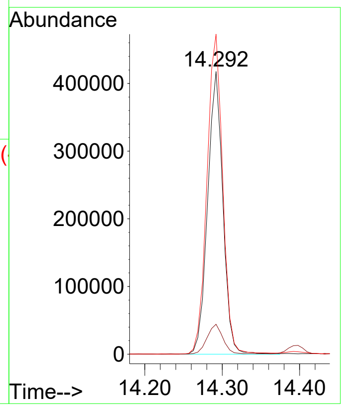
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

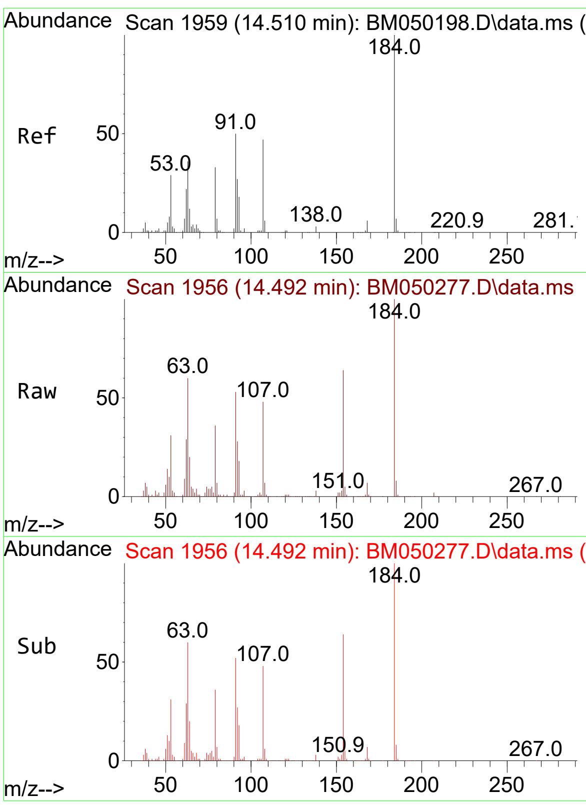


#53
3-Nitroaniline
Concen: 42.358 ng
RT: 14.292 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025   16:25

Tgt Ion:138 Resp: 572286

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.8	13.2
92	113.2	92.9	139.3

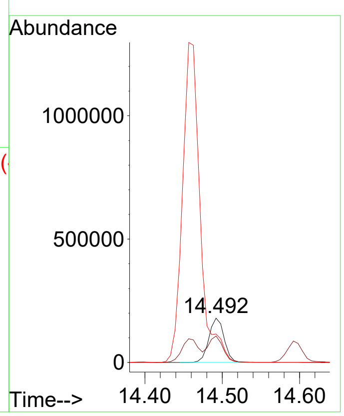




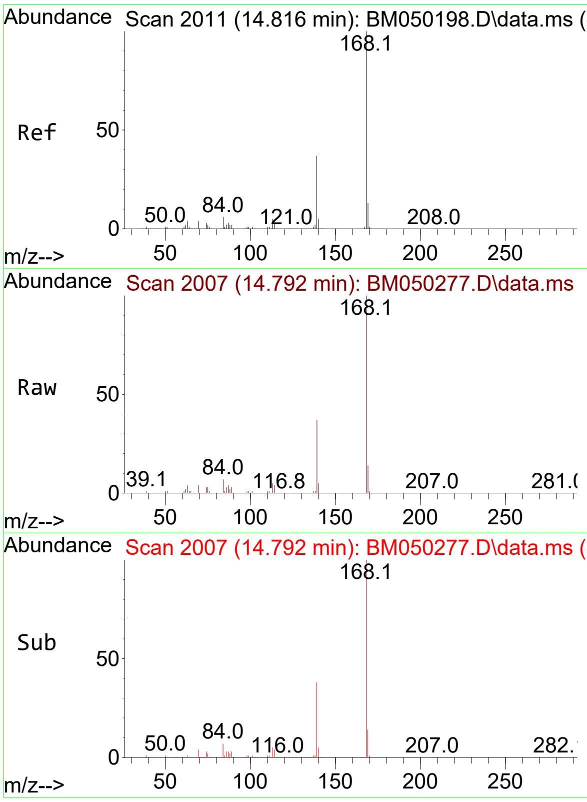
#54
2,4-Dinitrophenol
Concen: 34.839 ng
RT: 14.492 min   Scan# 1956
Delta R.T.   0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025   16:25

Tgt Ion:184 Resp: 248415

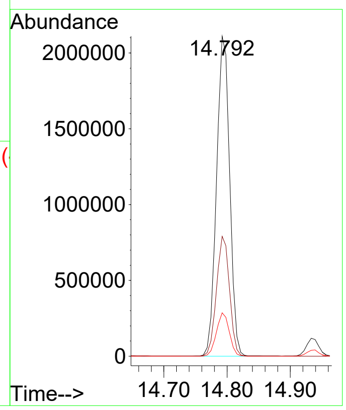
Ion	Ratio	Lower	Upper
184	100		
63	59.7	45.3	67.9
154	64.1	54.3	81.5

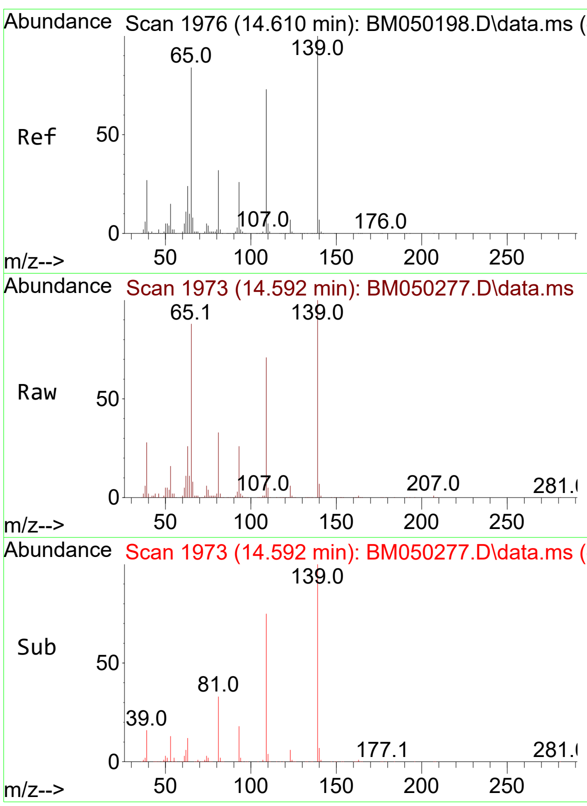


Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

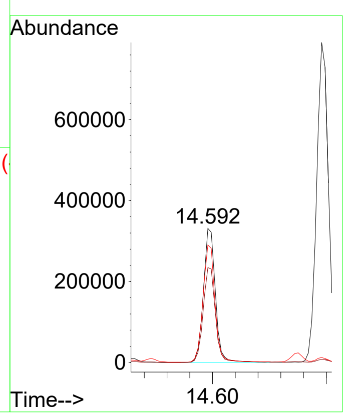



```
#55
Dibenzofuran
Concen:    39.802 ng
RT:  14.792 min  Scan# 2(
Delta R.T.   -0.006 min
Lab File:    BM050277.D
Acq: 11 Jun 2025   16:25

Tgt Ion:168 Resp: 3048152
Ion  Ratio  Lower  Upper
168  100
139   37.5   29.9   44.9
169   13.5   10.6   16.0
```

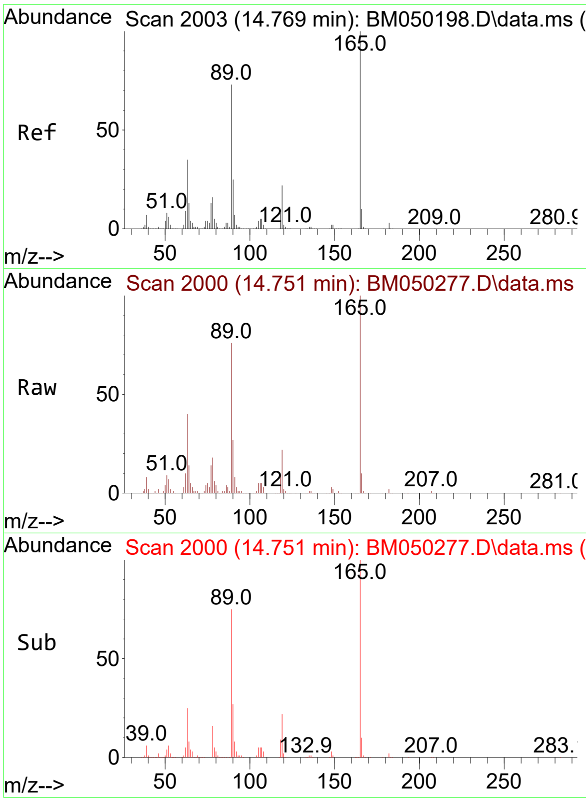





```
#56
4-Nitrophenol
Concen:    42.292 ng
RT:  14.592 min  Scan# 1973
Delta R.T.   -0.006 min
Lab File:    BM050277.D
Acq: 11 Jun 2025   16:25

Tgt Ion:139 Resp:   486335
Ion  Ratio  Lower  Upper
139  100
109   70.8   52.6   92.6
 65   87.6   64.3  104.3
```



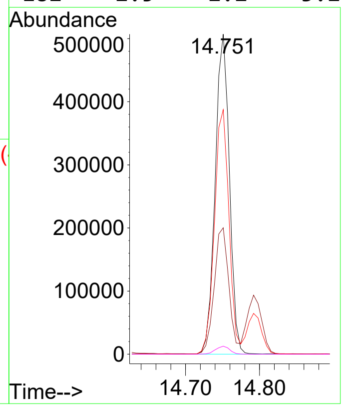
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

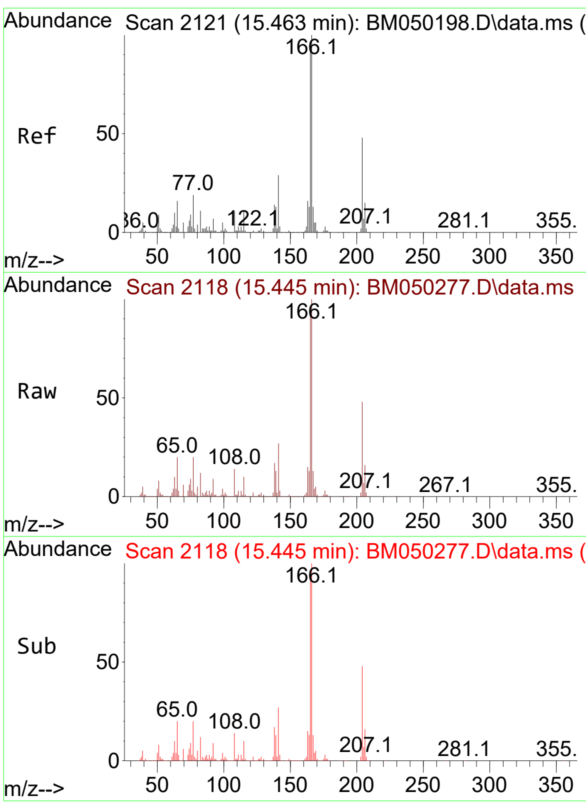


#57
2,4-Dinitrotoluene
Concen: 42.422 ng
RT: 14.751 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:165 Resp: 678387

Ion	Ratio	Lower	Upper
165	100		
63	39.5	28.4	42.6
89	76.4	58.0	87.0
182	2.5	2.2	3.2

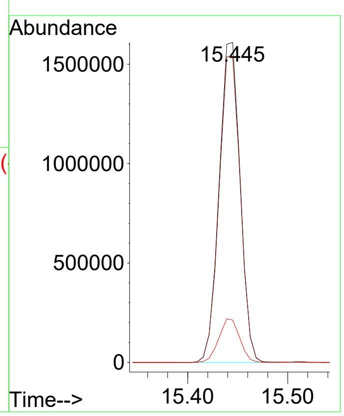


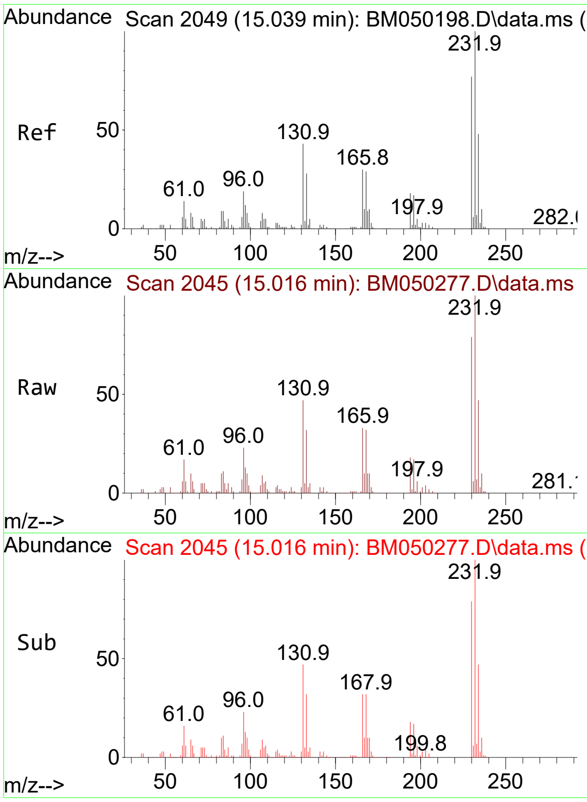


#58
Fluorene
Concen: 40.080 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:166 Resp: 2350935

Ion	Ratio	Lower	Upper
166	100		
165	95.7	77.0	115.4
167	13.3	10.7	16.1



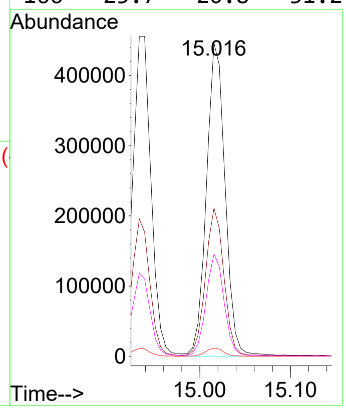


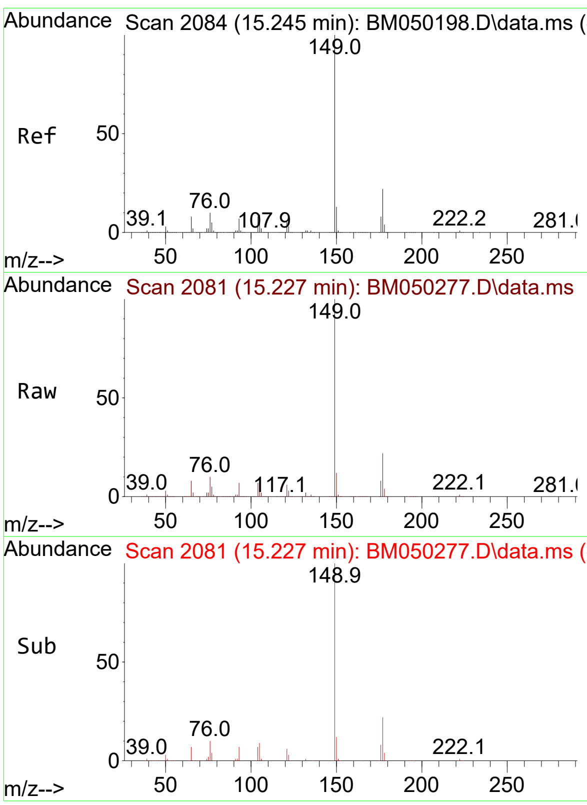
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.995 ng m
RT: 15.016 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 641248

Ion	Ratio	Lower	Upper
232	100		
131	42.3	32.9	49.3
130	2.4	1.8	2.8
166	25.7	20.8	31.2

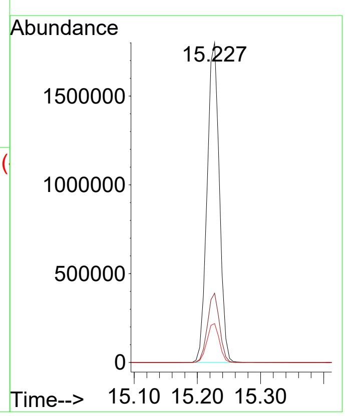




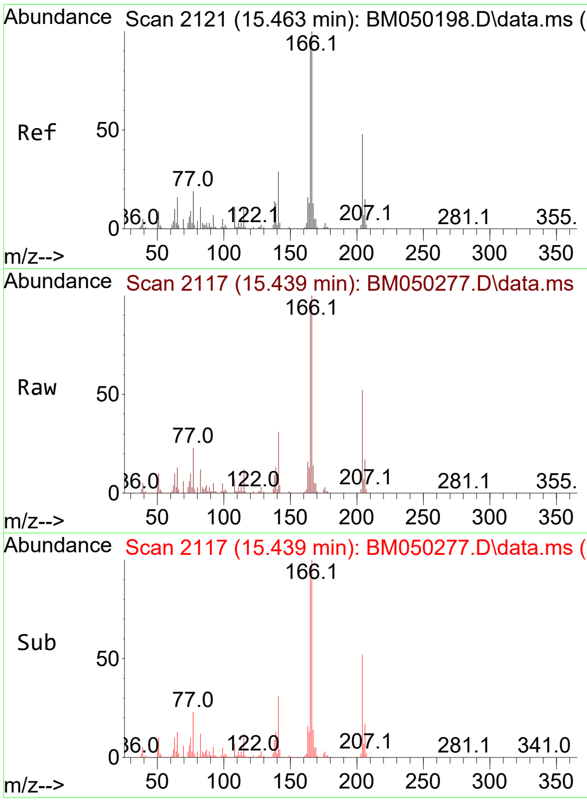
#60
Diethylphthalate
Concen: 40.768 ng
RT: 15.227 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:149 Resp: 2431511

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.2	25.8
150	12.2	10.0	15.0



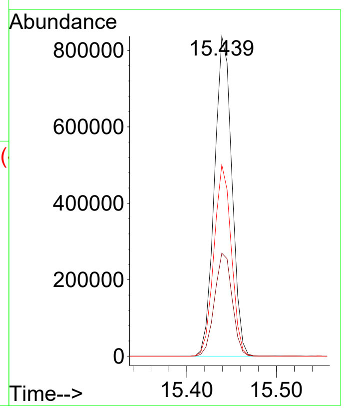
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

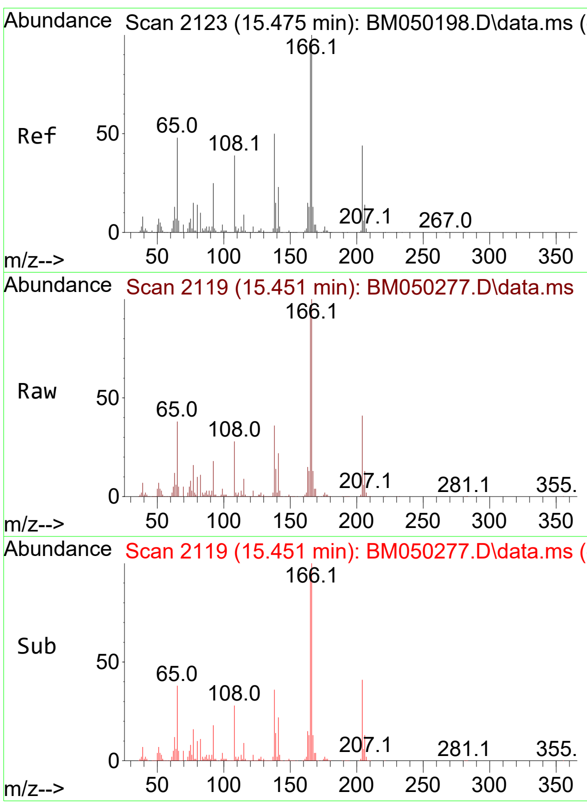


#61
4-Chlorophenyl-phenylether
Concen: 39.839 ng
RT: 15.439 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:204 Resp: 1129378

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.4	38.0
141	59.9	47.9	71.9

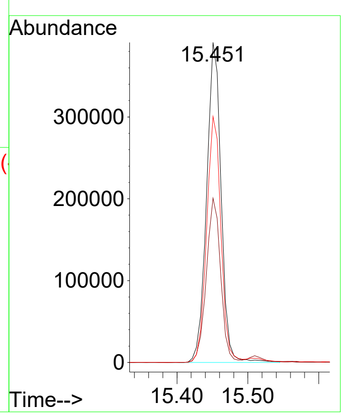




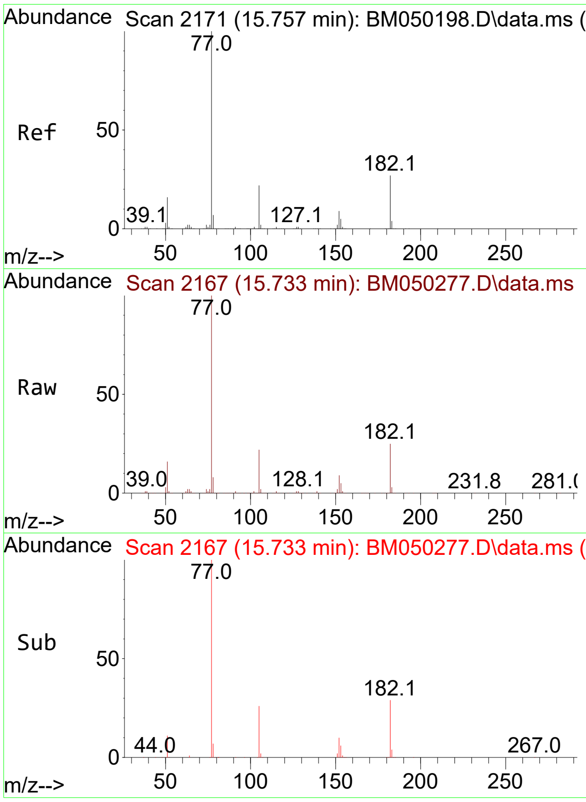
#62
4-Nitroaniline
Concen: 44.147 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:138 Resp: 559033

Ion	Ratio	Lower	Upper
138	100		
92	51.4	28.8	68.8
108	76.9	58.1	98.1



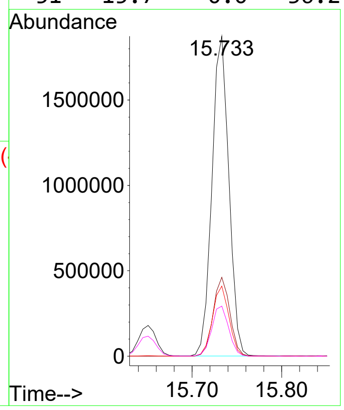
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

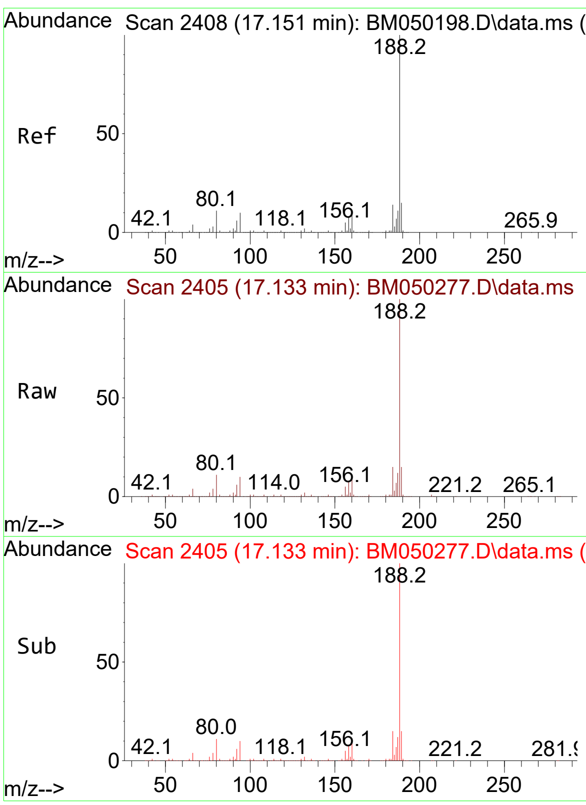


#63
Azobenzene
Concen: 41.195 ng
RT: 15.733 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 77 Resp: 2455781

Ion	Ratio	Lower	Upper
77	100		
182	24.7	6.8	46.8
105	21.9	1.7	41.7
51	15.7	0.0	36.2

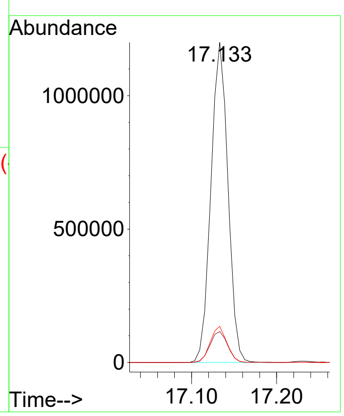




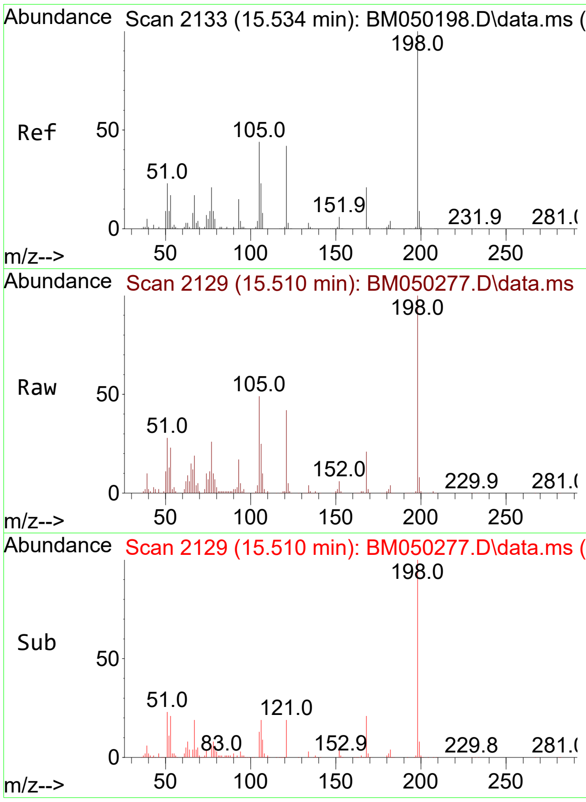
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:188 Resp: 1666660

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.1	12.1
80	11.3	8.6	13.0



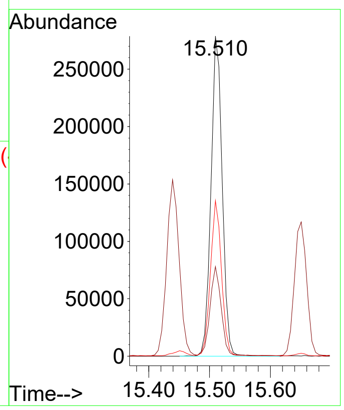
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

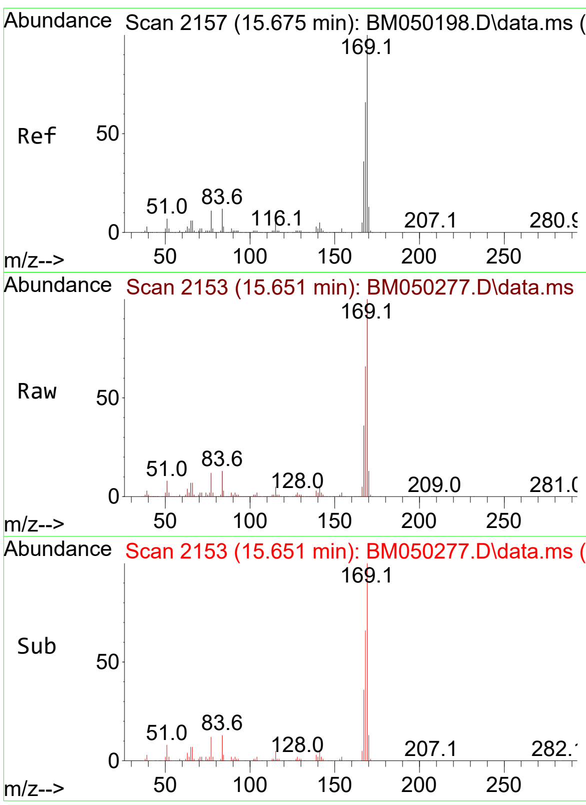


#65
4,6-Dinitro-2-methylphenol
Concen: 39.406 ng
RT: 15.510 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:198 Resp: 358719

Ion	Ratio	Lower	Upper
198	100		
51	28.0	4.5	44.5
105	48.6	24.9	64.9

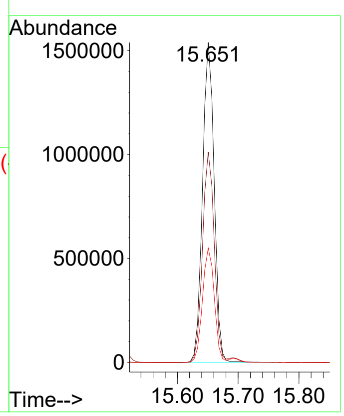




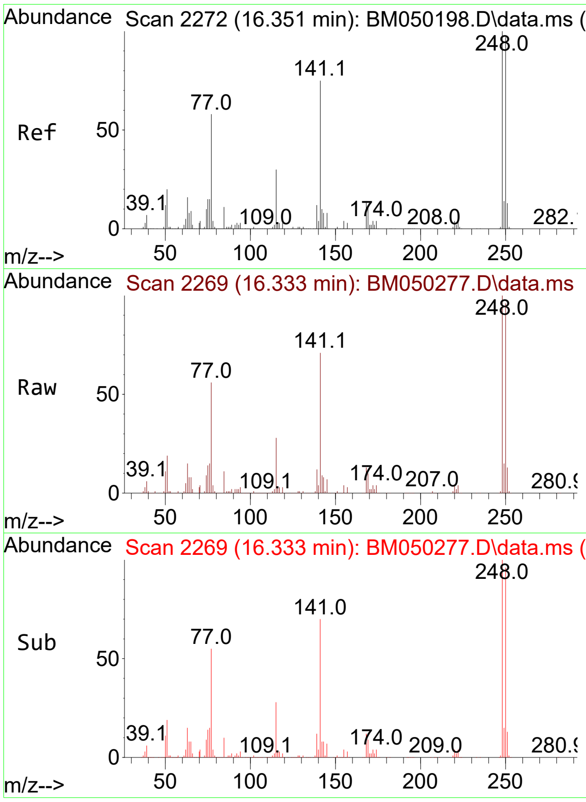
#66
n-Nitrosodiphenylamine
Concen: 39.330 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:169 Resp: 2059604

Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.1	79.7
167	35.7	29.0	43.6



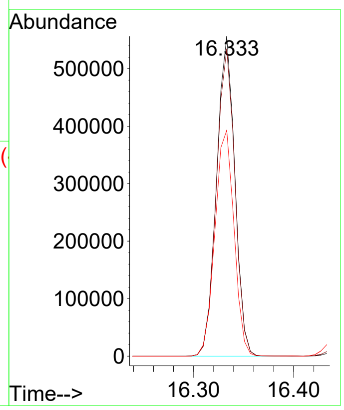
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

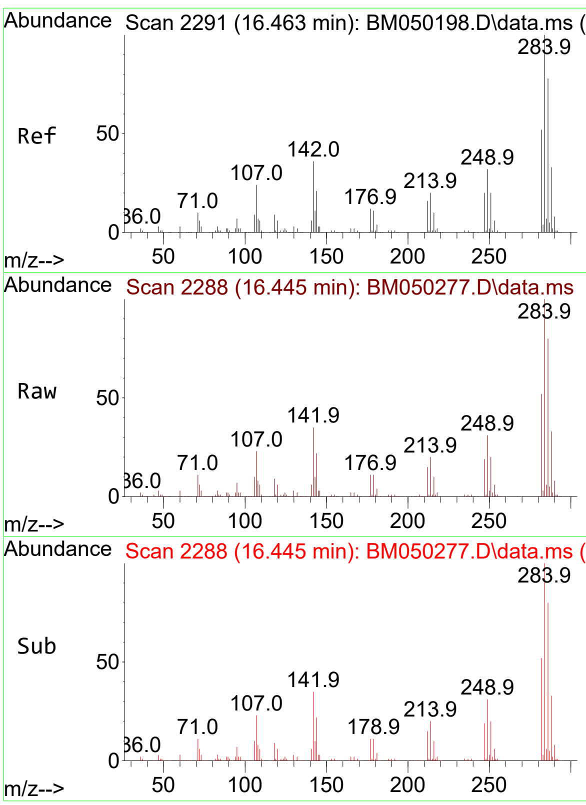


#67
4-Bromophenyl-phenylether
Concen: 39.932 ng
RT: 16.333 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:248 Resp: 709709

Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.0	117.0
141	70.6	60.1	90.1

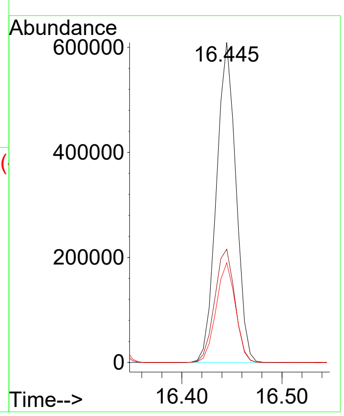




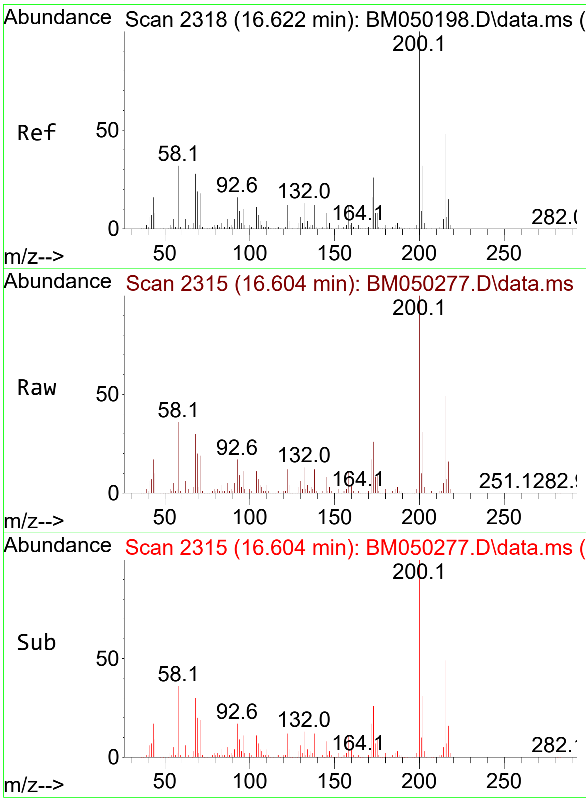
#68
Hexachlorobenzene
Concen: 39.654 ng
RT: 16.445 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:284 Resp: 823426

Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.8	43.2
249	31.1	25.8	38.6



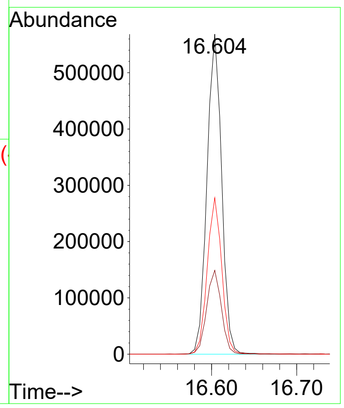
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

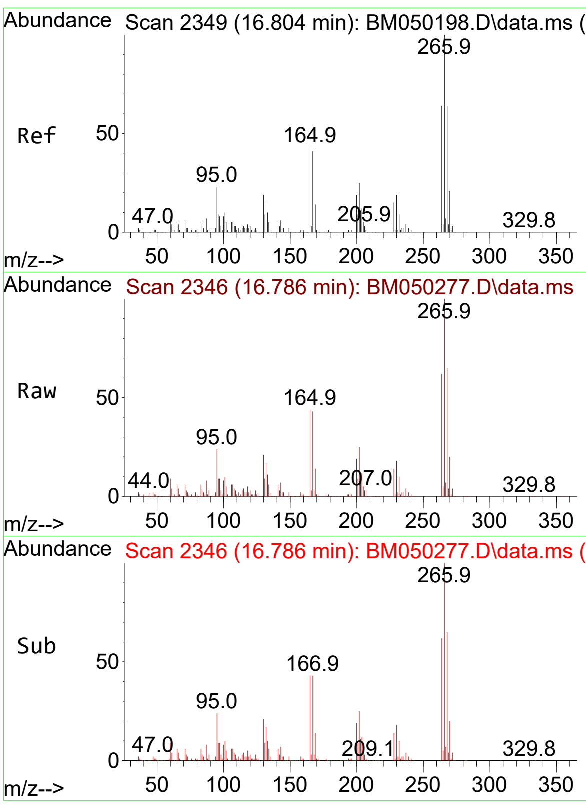


#69
Atrazine
Concen: 40.848 ng
RT: 16.604 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:200 Resp: 681590

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.0	46.0
215	48.9	28.1	68.1

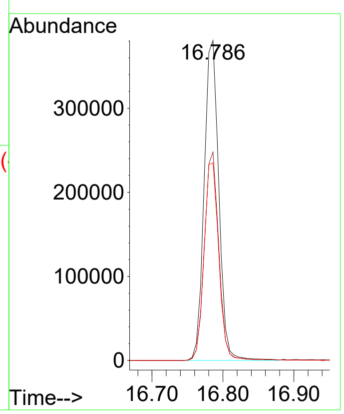




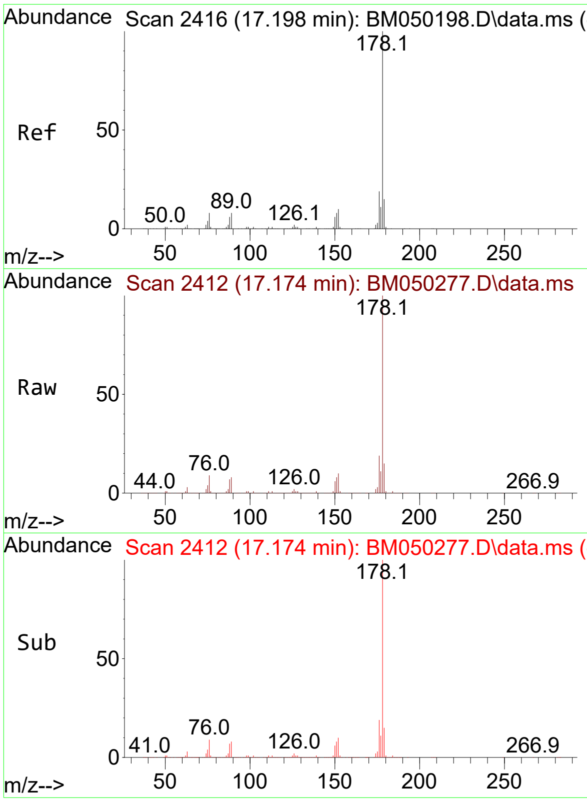
#70
Pentachlorophenol
Concen: 40.683 ng
RT: 16.786 min Scan# 2346
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:266 Resp: 549249

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.0	76.6
264	61.7	50.8	76.2



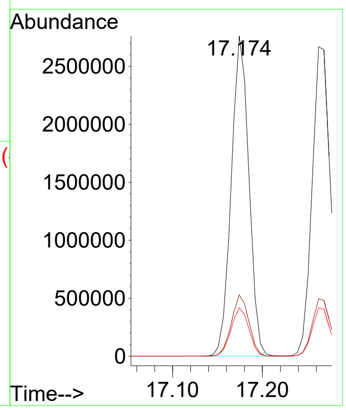
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

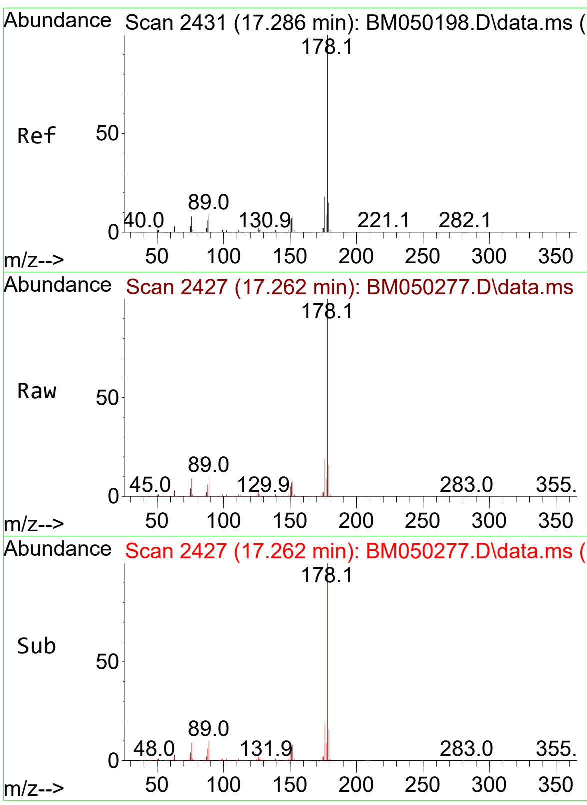


#71
Phenanthrene
Concen: 39.522 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:178 Resp: 3762928

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.1	12.3	18.5

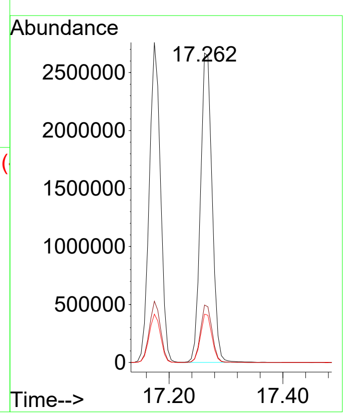




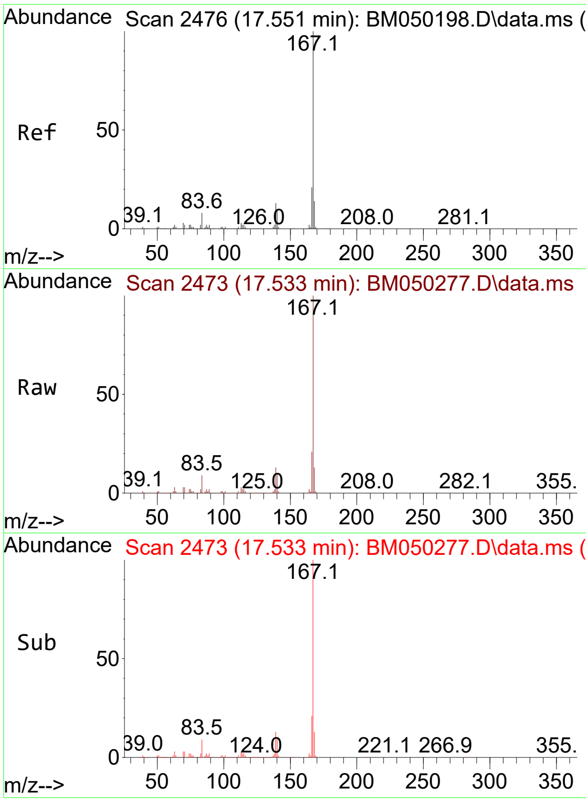
#72
Anthracene
Concen: 39.959 ng
RT: 17.262 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:178 Resp: 3806042

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.6	12.3	18.5



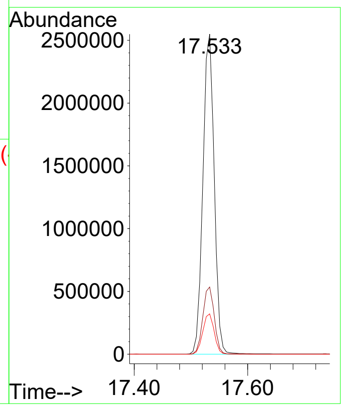
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

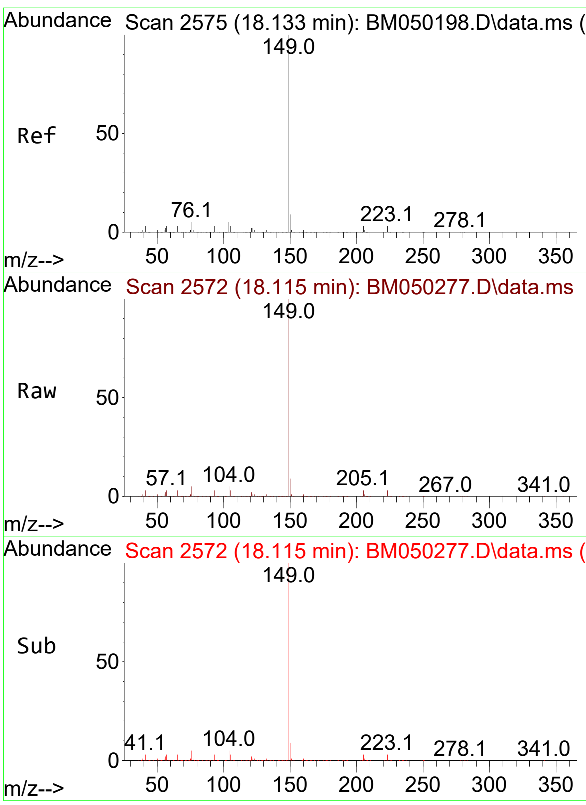


#73
Carbazole
Concen: 40.755 ng
RT: 17.533 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:167 Resp: 3536466

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.6	10.2	15.4

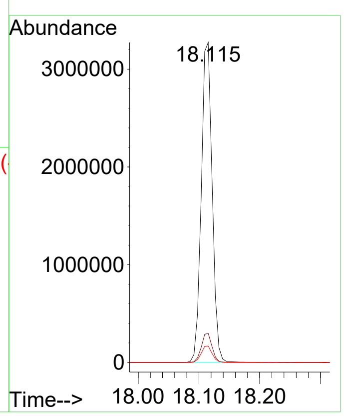




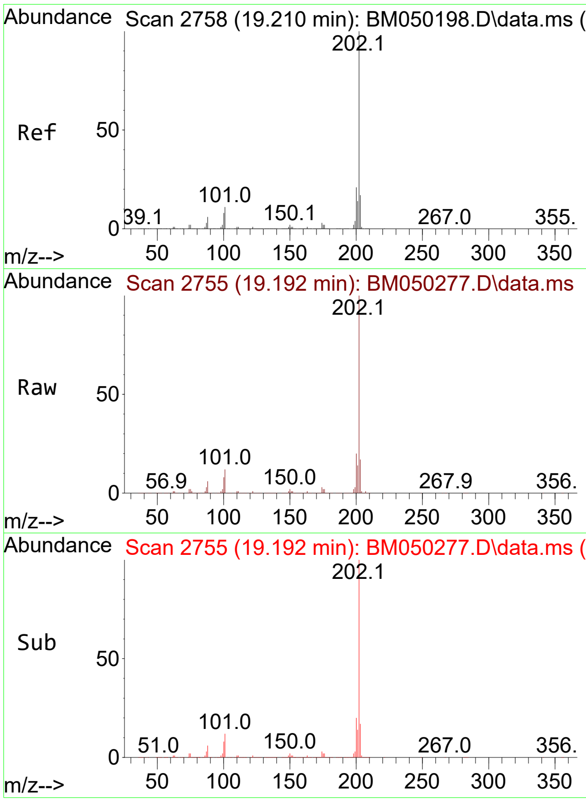
#74
Di-n-butylphthalate
Concen: 43.276 ng
RT: 18.115 min Scan# 2572
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:149 Resp: 4085947

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.0	6.0



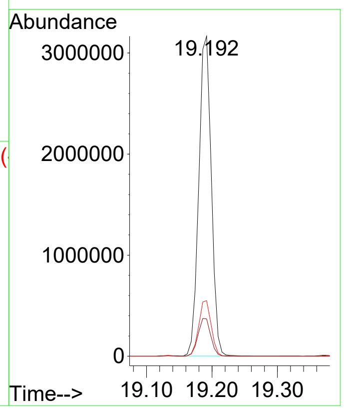
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

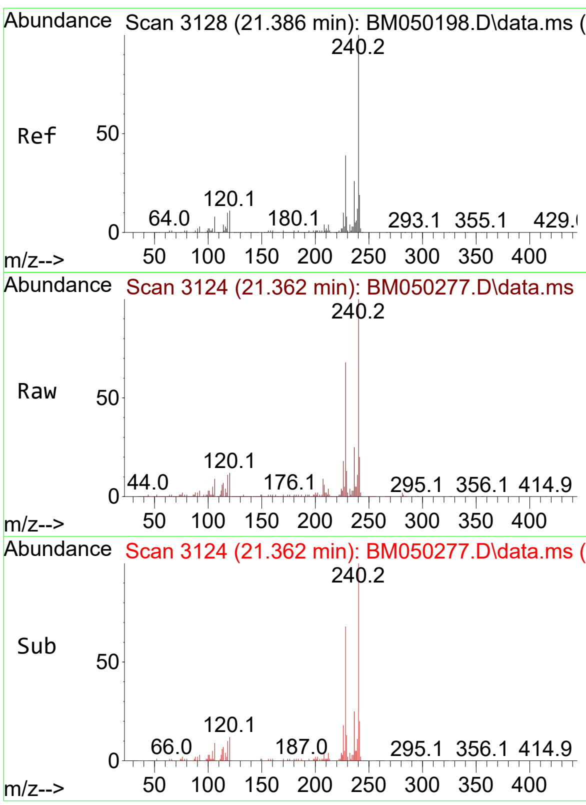


#75
Fluoranthene
Concen: 42.004 ng
RT: 19.192 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:202 Resp: 4217473

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.1
203	17.3	0.0	37.0

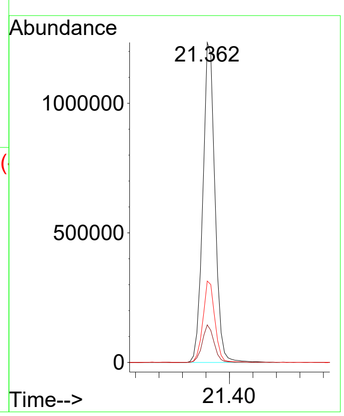




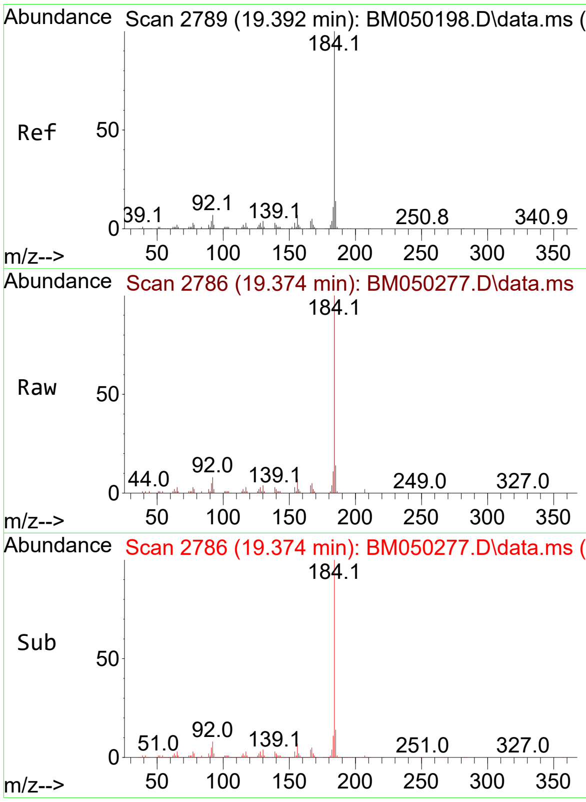
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:240 Resp: 1770266

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.4
236	25.4	20.7	31.1



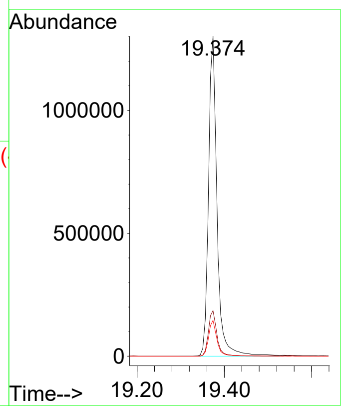
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

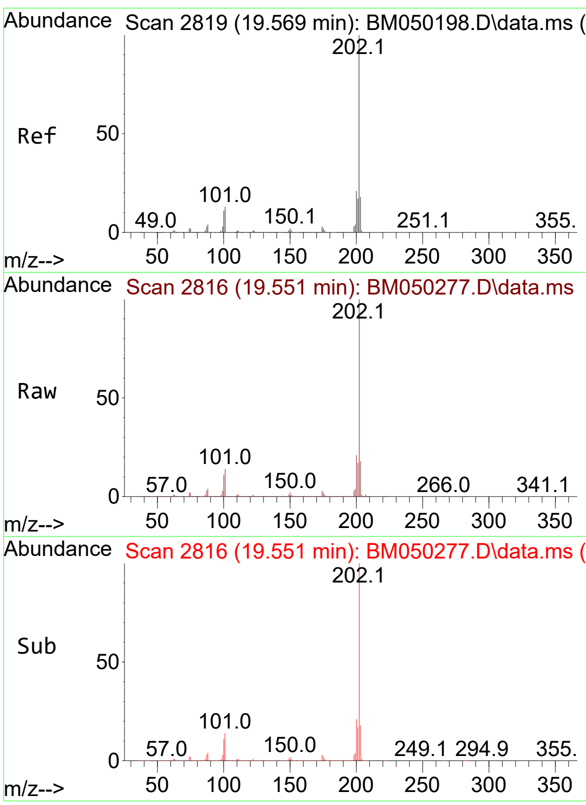


#77
Benzidine
Concen: 35.691 ng
RT: 19.374 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:184 Resp: 1776744

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.2	9.0	13.4

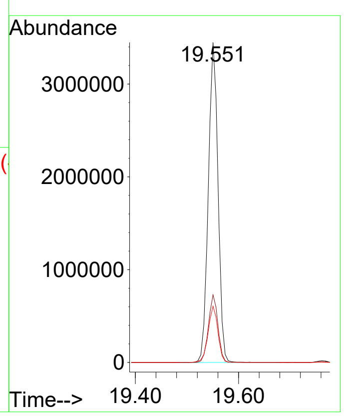




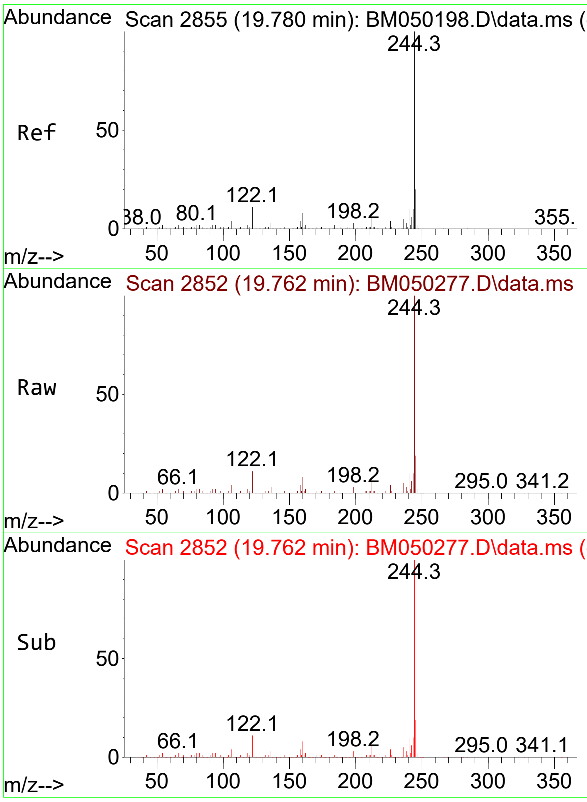
#78
Pyrene
Concen: 37.687 ng
RT: 19.551 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:202 Resp: 4496680

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.6	14.1	21.1



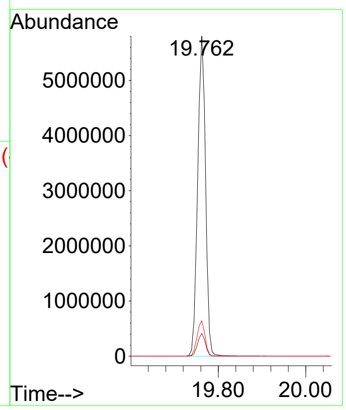
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

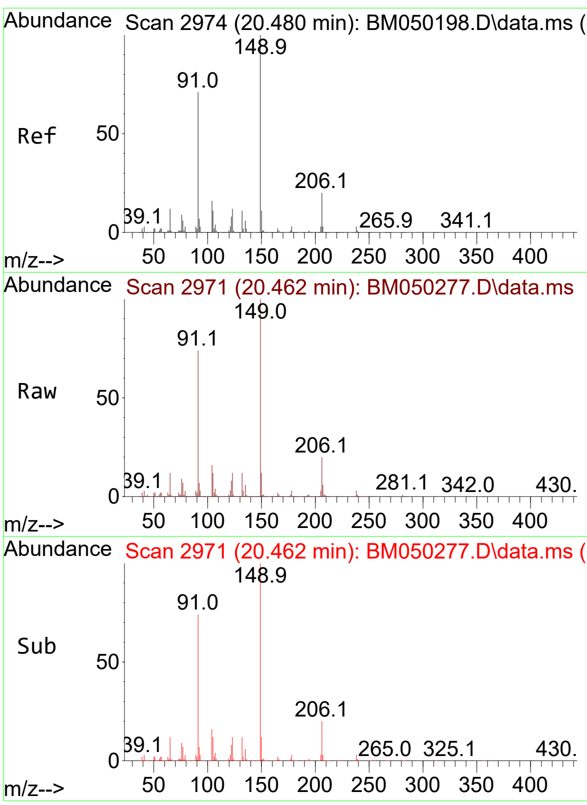


#79
Terphenyl-d14
Concen: 77.903 ng
RT: 19.762 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:244 Resp: 7277390

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.0	8.6	12.8

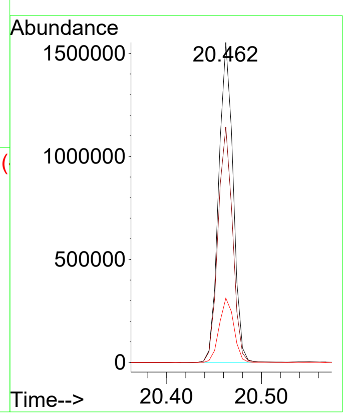




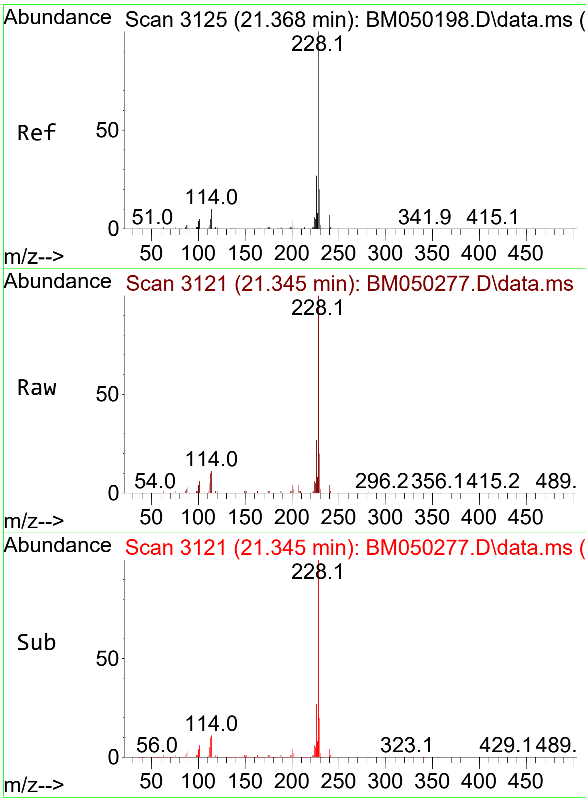
#80
Butylbenzylphthalate
Concen: 41.344 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:149 Resp: 1645495

Ion	Ratio	Lower	Upper
149	100		
91	73.6	56.9	85.3
206	20.1	16.1	24.1



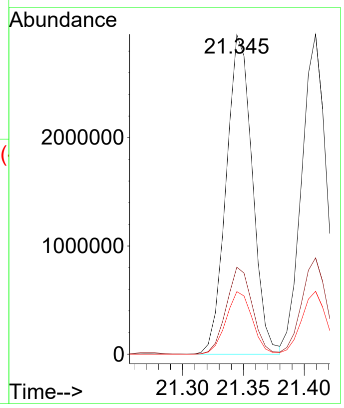
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

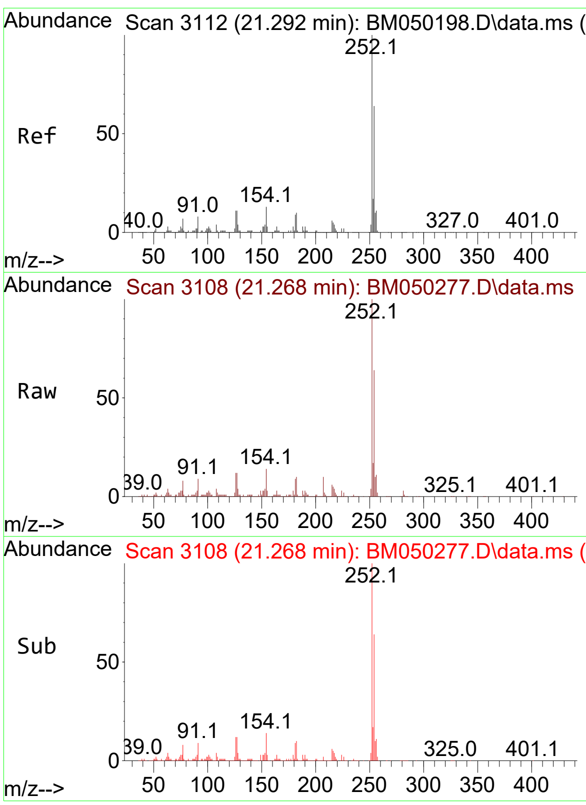


#81
Benzo(a)anthracene
Concen: 39.512 ng
RT: 21.345 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:228 Resp: 4427365

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	19.6	15.7	23.5

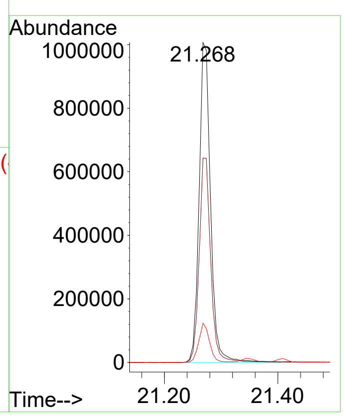




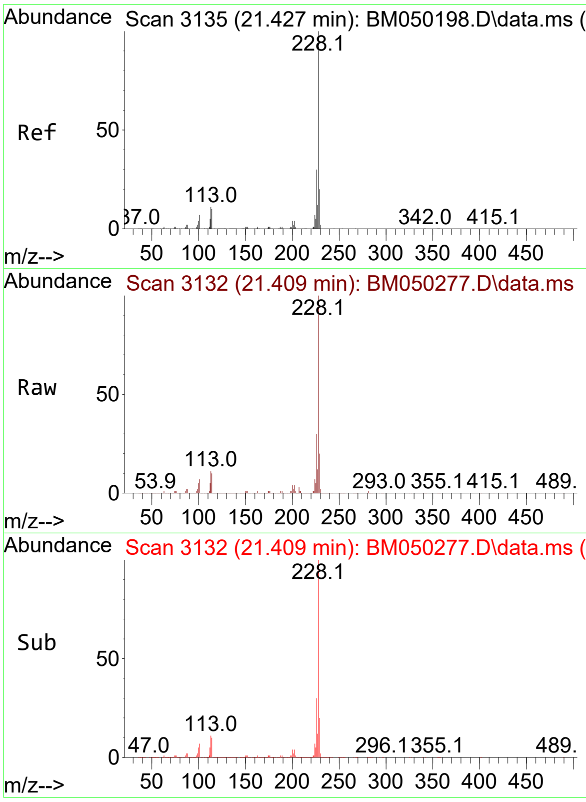
#82
3,3'-Dichlorobenzidine
Concen: 41.440 ng
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:252 Resp: 1415990

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.4	77.0
126	12.3	8.6	12.8



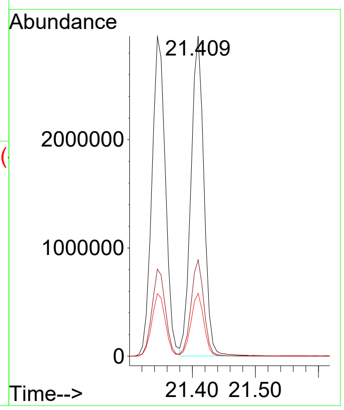
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

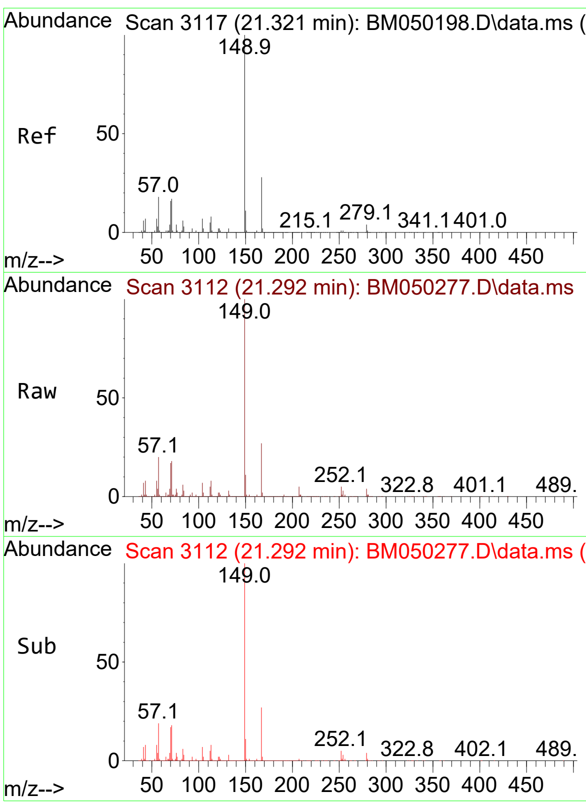


#83
Chrysene
Concen: 39.725 ng
RT: 21.409 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:228 Resp: 4234037

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	19.6	15.8	23.8

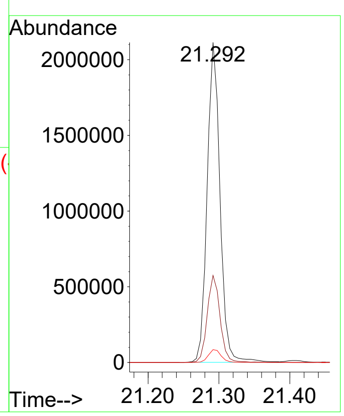


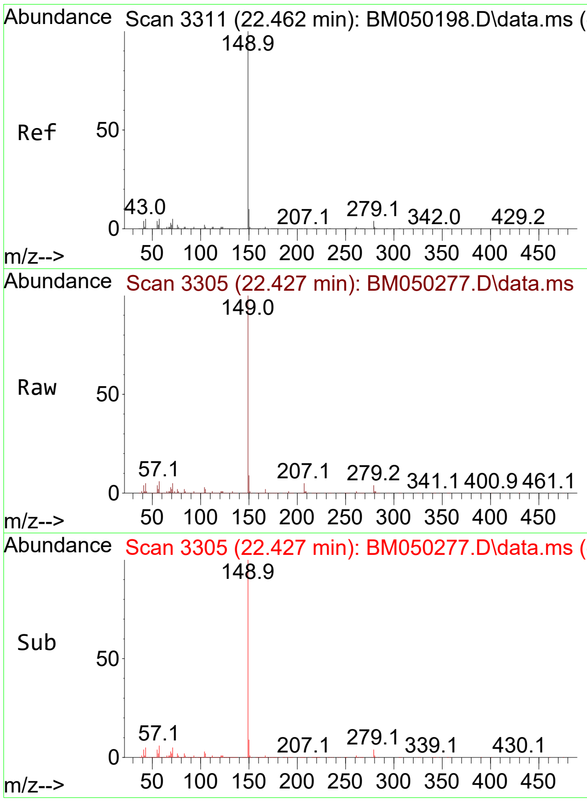


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.534 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:149 Resp: 2668857

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.3	33.5
279	4.0	3.5	5.3



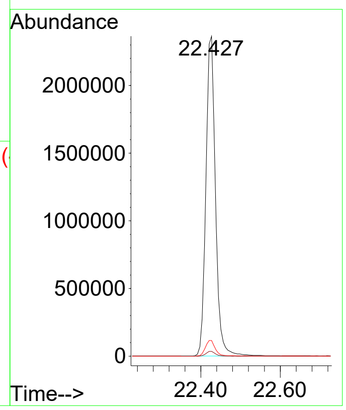


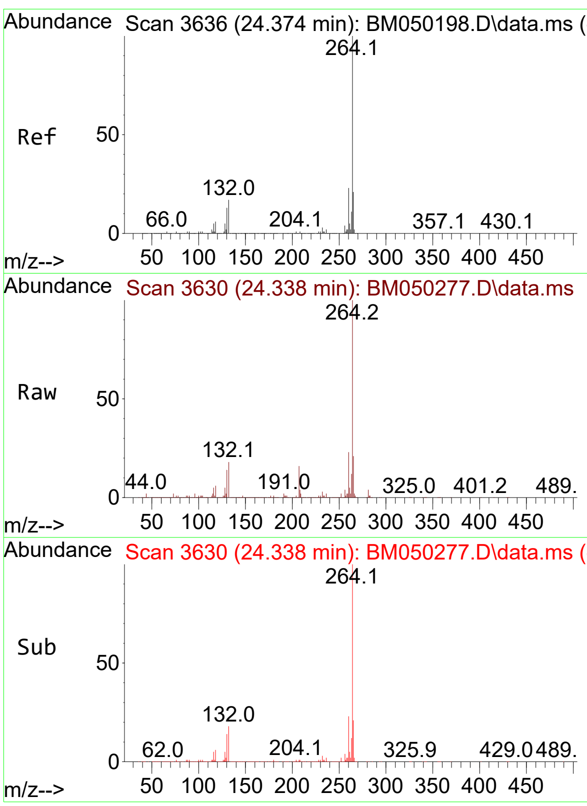
#85
Di-n-octyl phthalate
Concen: 43.583 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 3964778

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	5.2	3.8	5.8

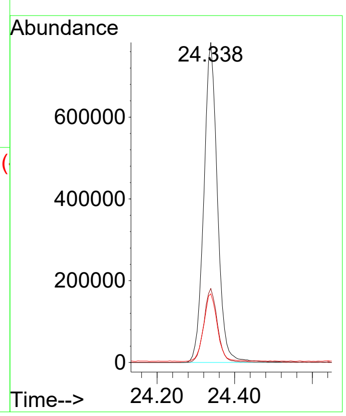




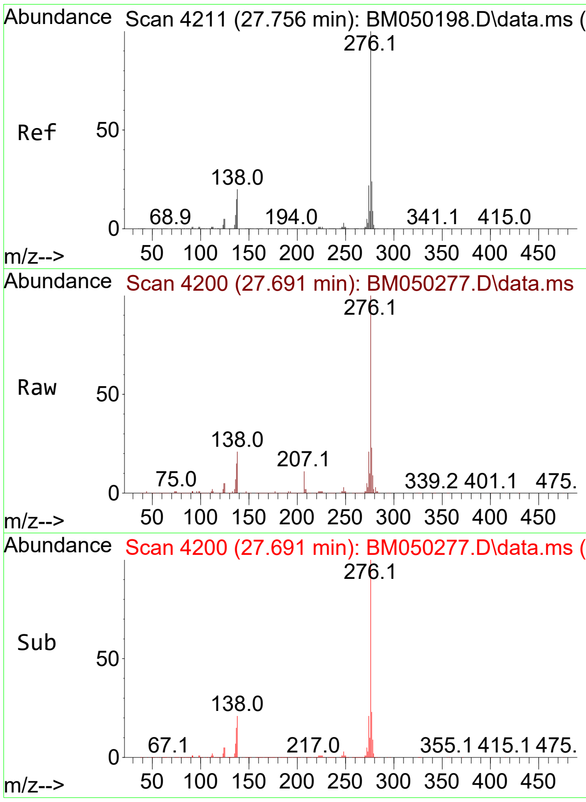
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.338 min Scan# 3630
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:264 Resp: 1907719

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.4	16.8	25.2



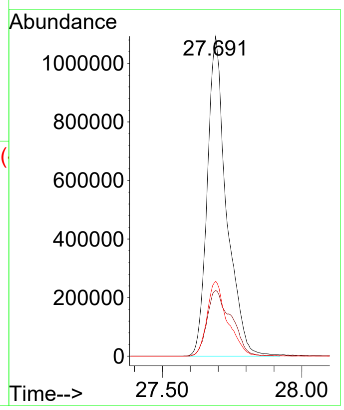
Instrument : BNA_M
ClientSampleId : SSTDCCC040

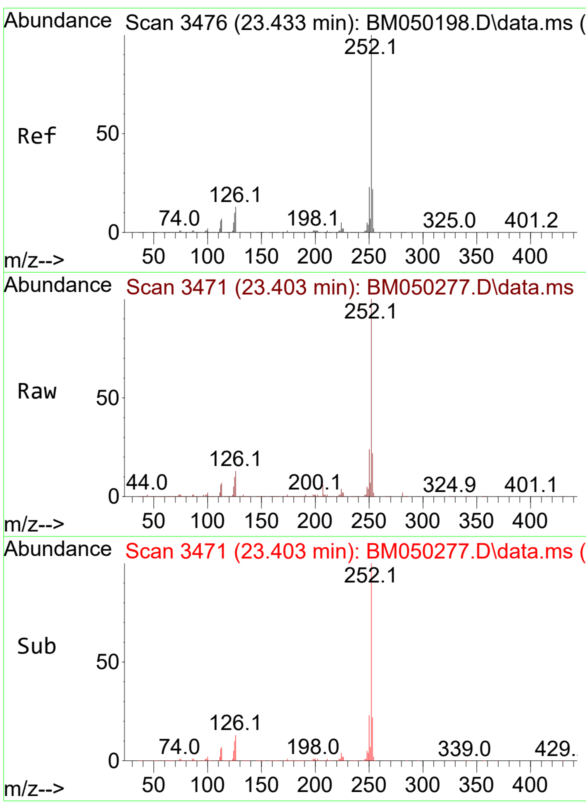


#87
Indeno(1,2,3-cd)pyrene
Concen: 42.706 ng
RT: 27.691 min Scan# 4200
Delta R.T. -0.018 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:276 Resp: 5245671

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.6	30.8
277	24.9	19.8	29.6

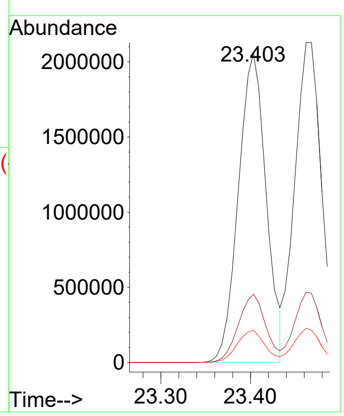




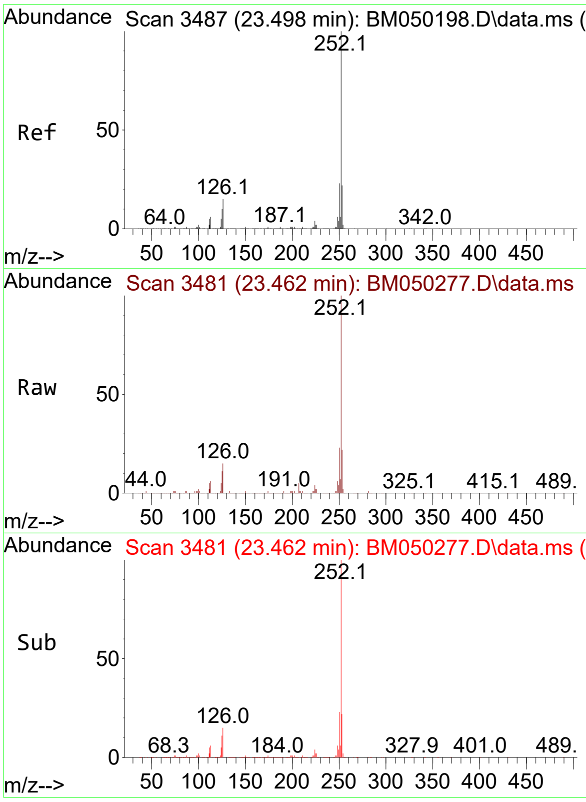
#88
Benzo(b)fluoranthene
Concen: 39.871 ng
RT: 23.403 min Scan# 3471
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:252 Resp: 4422288

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.4	8.2	12.4



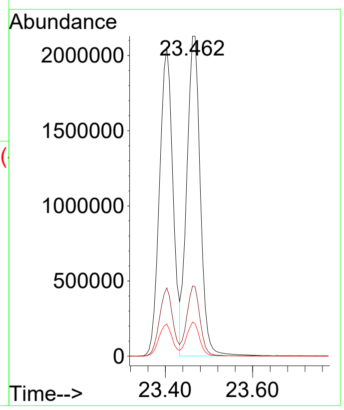
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

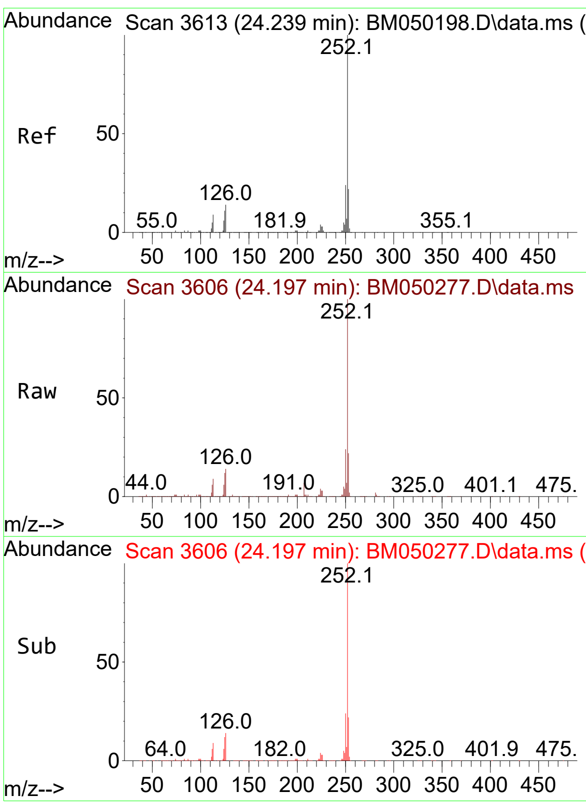


#89
Benzo(k)fluoranthene
Concen: 40.158 ng
RT: 23.462 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:252 Resp: 4547081

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.7	8.2	12.4

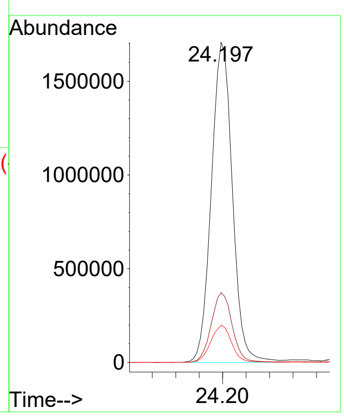




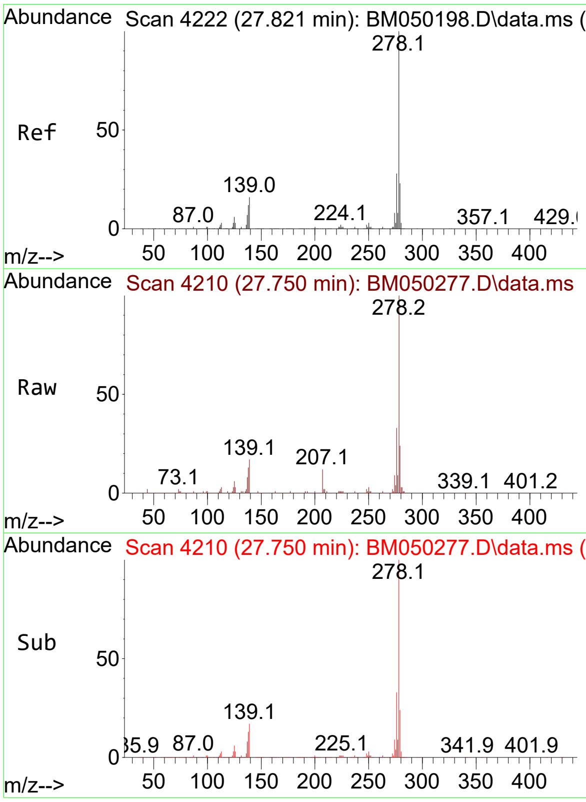
#90
Benzo(a)pyrene
Concen: 40.778 ng
RT: 24.197 min Scan# 3606
Delta R.T. -0.012 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:252 Resp: 4252452

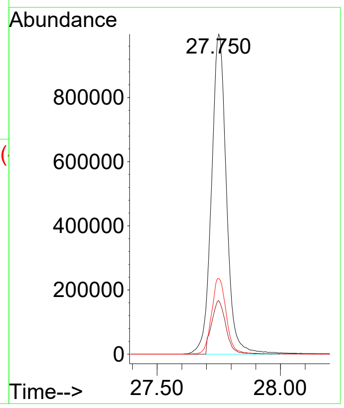
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.7	9.0	13.4

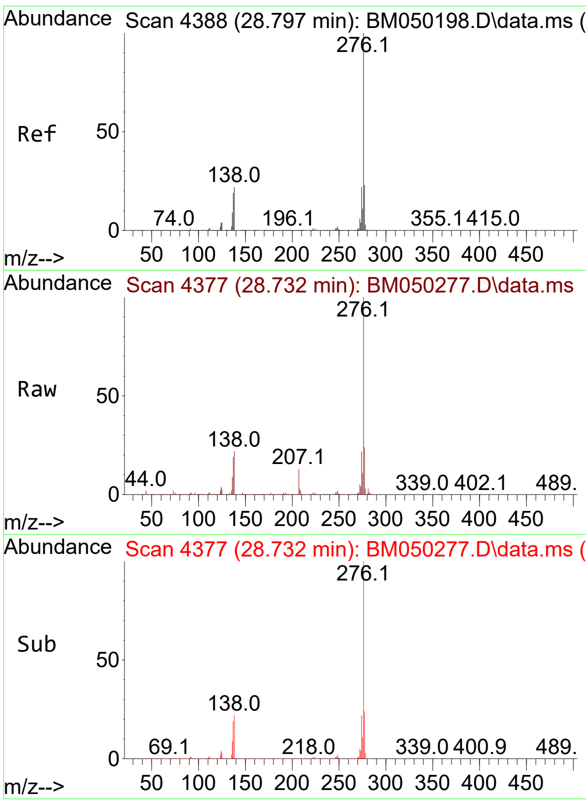


Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

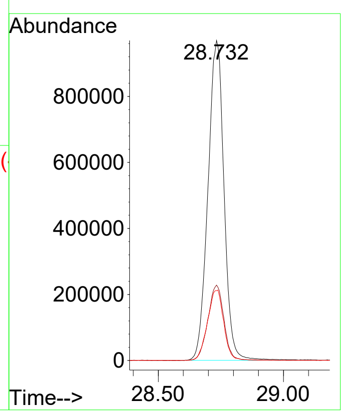



```
#91
Dibenzo(a,h)anthracene
Concen:   42.295 ng
RT:  27.750 min  Scan# 4
Delta R.T.   -0.018 min
Lab File:    BM050277.D
Acq: 11 Jun 2025   16:25

Tgt Ion:278 Resp: 4216995
Ion  Ratio  Lower  Upper
278  100
139   16.8   12.8   19.2
279   23.6   18.6   28.0
```






```
#92
Benzo(g,h,i)perylene
Concen:   43.298 ng
RT:  28.732 min  Scan# 4377
Delta R.T.   -0.018 min
Lab File:    BM050277.D
Acq: 11 Jun 2025   16:25

Tgt Ion:276 Resp: 4320764
Ion  Ratio  Lower  Upper
276  100
277   23.6   18.6   27.8
138   21.8   17.8   26.6
```



Sample Results: **BM050277.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050277.D
Acq On : 11 Jun 2025 16:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 18:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 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	125	0.00
2		1,4-Dioxane	0.526	0.552	-4.9	144	0.00
3		Pyridine	1.361	1.435	-5.4	137	0.00
4		n-Nitrosodimethylamine	0.281	0.306	-8.9	141	0.00
5	S	2-Fluorophenol	1.199	1.266	-5.6	138	0.00
6		Aniline	2.086	2.068	0.9	125	0.00
7	S	Phenol-d6	1.578	1.594	-1.0	127	0.00
8		2-Chlorophenol	1.319	1.338	-1.4	129	0.00
9		Benzaldehyde	1.003	0.915	8.8	130	0.00
10	C	Phenol	1.670	1.687	-1.0	128	0.00
11		bis(2-Chloroethyl)ether	1.343	1.379	-2.7	131	0.00
12		1,3-Dichlorobenzene	1.474	1.465	0.6	130	0.00
13	C	1,4-Dichlorobenzene	1.534	1.499	2.3	129	0.00
14		1,2-Dichlorobenzene	1.462	1.431	2.1	128	0.00
15		Benzyl Alcohol	1.126	1.090	3.2	119	0.00
16		2,2'-oxybis(1-Chloropropane	0.933	1.075	-15.2	148	0.00
17		2-Methylphenol	1.102	1.087	1.4	123	0.00
18		Hexachloroethane	0.556	0.572	-2.9	134	0.00
19	P	n-Nitroso-di-n-propylamine	0.966	0.982	-1.7	122	0.00
20		3+4-Methylphenols	1.474	1.437	2.5	119	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	118	0.00
22		Acetophenone	0.500	0.492	1.6	122	0.00
23	S	Nitrobenzene-d5	0.385	0.398	-3.4	125	0.00
24		Nitrobenzene	0.350	0.363	-3.7	127	0.00
25		Isophorone	0.664	0.659	0.8	118	0.00
26	C	2-Nitrophenol	0.151	0.150	0.7	114	0.00
27		2,4-Dimethylphenol	0.310	0.303	2.3	118	0.00
28		bis(2-Chloroethoxy)methane	0.434	0.440	-1.4	122	0.00
29	C	2,4-Dichlorophenol	0.287	0.280	2.4	116	0.00
30		1,2,4-Trichlorobenzene	0.319	0.311	2.5	120	0.00
31		Naphthalene	1.034	0.994	3.9	120	0.00
32		Benzoic acid	0.195	0.177	9.2	102	0.00
33		4-Chloroaniline	0.441	0.429	2.7	117	0.00
34	C	Hexachlorobutadiene	0.190	0.180	5.3	116	0.00
35		Caprolactam	0.091	0.087	4.4	105	0.00
36	C	4-Chloro-3-methylphenol	0.306	0.301	1.6	114	0.00
37		2-Methylnaphthalene	0.624	0.606	2.9	117	0.00
38		1-Methylnaphthalene	0.662	0.635	4.1	116	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.578	0.0	116	0.00
41	P	Hexachlorocyclopentadiene	0.351	0.346	1.4	110	0.00
42	S	2,4,6-Tribromophenol	0.227	0.236	-4.0	111	0.00
43	C	2,4,6-Trichlorophenol	0.380	0.380	0.0	110	0.00
44		2,4,5-Trichlorophenol	0.417	0.413	1.0	108	0.00
45	S	2-Fluorobiphenyl	1.477	1.459	1.2	115	0.00
46		1,1'-Biphenyl	1.498	1.475	1.5	114	0.00
47		2-Chloronaphthalene	1.164	1.147	1.5	115	0.00

Sample Results: **BM050277.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050277.D
Acq On : 11 Jun 2025 16:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 18:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 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	0.256	0.289	-12.9	117	0.00
49	Acenaphthylene	1.883	1.848	1.9	110	0.00
50	Dimethylphthalate	1.353	1.351	0.1	109	0.00
51	2,6-Dinitrotoluene	0.273	0.284	-4.0	107	0.00
52 C	Acenaphthene	1.178	1.158	1.7	111	0.00
53	3-Nitroaniline	0.304	0.322	-5.9	108	0.00
54 P	2,4-Dinitrophenol	0.146	0.140	4.1	99	0.00
55	Dibenzofuran	1.723	1.715	0.5	112	0.00
56 P	4-Nitrophenol	0.259	0.274	-5.8	108	0.00
57	2,4-Dinitrotoluene	0.360	0.382	-6.1	105	0.00
58	Fluorene	1.320	1.322	-0.2	113	0.00
59	2,3,4,6-Tetrachlorophenol	0.361	0.361	0.0	107	0.00
60	Diethylphthalate	1.342	1.368	-1.9	110	0.00
61	4-Chlorophenyl-phenylether	0.638	0.635	0.5	113	0.00
62	4-Nitroaniline	0.285	0.314	-10.2	111	0.00
63	Azobenzene	1.341	1.381	-3.0	114	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	0.109	0.108	0.9	102	0.00
66 c	n-Nitrosodiphenylamine	0.628	0.618	1.6	109	0.00
67	4-Bromophenyl-phenylether	0.213	0.213	0.0	109	0.00
68	Hexachlorobenzene	0.249	0.247	0.8	109	0.00
69	Atrazine	0.200	0.204	-2.0	104	0.00
70 C	Pentachlorophenol	0.162	0.165	-1.9	105	0.00
71	Phenanthrene	1.143	1.129	1.2	110	0.00
72	Anthracene	1.143	1.142	0.1	110	0.00
73	Carbazole	1.041	1.061	-1.9	110	0.00
74	Di-n-butylphthalate	1.133	1.226	-8.2	111	0.00
75 C	Fluoranthene	1.205	1.265	-5.0	113	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	119	-0.01
77	Benzidine	0.562	0.502	10.7	97	0.00
78	Pyrene	1.348	1.270	5.8	114	0.00
79 S	Terphenyl-d14	1.055	1.028	2.6	121	0.00
80	Butylbenzylphthalate	0.450	0.465	-3.3	113	0.00
81	Benzo(a)anthracene	1.266	1.250	1.3	122	0.00
82	3,3'-Dichlorobenzidine	0.386	0.400	-3.6	115	0.00
83	Chrysene	1.204	1.196	0.7	124	0.00
84	Bis(2-ethylhexyl)phthalate	0.693	0.754	-8.8	121	-0.01
85 c	Di-n-octyl phthalate	1.028	1.120	-8.9	120	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	135	0.00
87	Indeno(1,2,3-cd)pyrene	1.288	1.375	-6.8	156#	-0.02
88	Benzo(b)fluoranthene	1.163	1.159	0.3	134	0.00
89	Benzo(k)fluoranthene	1.187	1.192	-0.4	138	-0.01
90 C	Benzo(a)pyrene	1.093	1.115	-2.0	139	-0.01
91	Dibenzo(a,h)anthracene	1.045	1.105	-5.7	154#	-0.02
92	Benzo(g,h,i)perylene	1.046	1.132	-8.2	161#	-0.02

Sample Results: **BM050277.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050277.D
Acq On    : 11 Jun 2025  16:25
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 11 18:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 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
```

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Sample Results: **BM050277.D**

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050277.D
Acq On : 11 Jun 2025 16:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 11 18:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 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	125	0.00
2		1,4-Dioxane	40.000	41.983	-5.0	144	0.00
3		Pyridine	40.000	42.185	-5.5	137	0.00
4		n-Nitrosodimethylamine	40.000	43.501	-8.8	141	0.00
5	S	2-Fluorophenol	80.000	84.443	-5.6	138	0.00
6		Aniline	40.000	39.643	0.9	125	0.00
7	S	Phenol-d6	80.000	80.798	-1.0	127	0.00
8		2-Chlorophenol	40.000	40.598	-1.5	129	0.00
9		Benzaldehyde	40.000	36.479	8.8	130	0.00
10	C	Phenol	40.000	40.412	-1.0	128	0.00
11		bis(2-Chloroethyl)ether	40.000	41.063	-2.7	131	0.00
12		1,3-Dichlorobenzene	40.000	39.750	0.6	130	0.00
13	C	1,4-Dichlorobenzene	40.000	39.088	2.3	129	0.00
14		1,2-Dichlorobenzene	40.000	39.149	2.1	128	0.00
15		Benzyl Alcohol	40.000	38.722	3.2	119	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	46.077	-15.2	148	0.00
17		2-Methylphenol	40.000	39.450	1.4	123	0.00
18		Hexachloroethane	40.000	41.196	-3.0	134	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.655	-1.6	122	0.00
20		3+4-Methylphenols	40.000	39.002	2.5	119	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	118	0.00
22		Acetophenone	40.000	39.404	1.5	122	0.00
23	S	Nitrobenzene-d5	80.000	82.881	-3.6	125	0.00
24		Nitrobenzene	40.000	41.529	-3.8	127	0.00
25		Isophorone	40.000	39.692	0.8	118	0.00
26	C	2-Nitrophenol	40.000	39.656	0.9	114	0.00
27		2,4-Dimethylphenol	40.000	39.024	2.4	118	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.621	-1.6	122	0.00
29	C	2,4-Dichlorophenol	40.000	39.001	2.5	116	0.00
30		1,2,4-Trichlorobenzene	40.000	38.916	2.7	120	0.00
31		Naphthalene	40.000	38.444	3.9	120	0.00
32		Benzoic acid	40.000	36.270	9.3	102	0.00
33		4-Chloroaniline	40.000	38.880	2.8	117	0.00
34	C	Hexachlorobutadiene	40.000	37.823	5.4	116	0.00
35		Caprolactam	40.000	38.049	4.9	105	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.332	1.7	114	0.00
37		2-Methylnaphthalene	40.000	38.879	2.8	117	0.00
38		1-Methylnaphthalene	40.000	38.379	4.1	116	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.002	-0.0	116	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.489	1.3	110	0.00
42	S	2,4,6-Tribromophenol	80.000	83.110	-3.9	111	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.009	-0.0	110	0.00
44		2,4,5-Trichlorophenol	40.000	39.600	1.0	108	0.00
45	S	2-Fluorobiphenyl	80.000	79.033	1.2	115	0.00
46		1,1'-Biphenyl	40.000	39.389	1.5	114	0.00
47		2-Chloronaphthalene	40.000	39.411	1.5	115	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050277.D
Acq On : 11 Jun 2025 16:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 18:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 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	45.072	-12.7	117	0.00
49		Acenaphthylene	40.000	39.261	1.8	110	0.00
50		Dimethylphthalate	40.000	39.949	0.1	109	0.00
51		2,6-Dinitrotoluene	40.000	41.682	-4.2	107	0.00
52	C	Acenaphthene	40.000	39.320	1.7	111	0.00
53		3-Nitroaniline	40.000	42.358	-5.9	108	0.00
54	P	2,4-Dinitrophenol	40.000	34.839	12.9	99	0.00
55		Dibenzofuran	40.000	39.802	0.5	112	0.00
56	P	4-Nitrophenol	40.000	42.292	-5.7	108	0.00
57		2,4-Dinitrotoluene	40.000	42.422	-6.1	105	0.00
58		Fluorene	40.000	40.080	-0.2	113	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.995	0.0	107	0.00
60		Diethylphthalate	40.000	40.768	-1.9	110	0.00
61		4-Chlorophenyl-phenylether	40.000	39.839	0.4	113	0.00
62		4-Nitroaniline	40.000	44.147	-10.4	111	0.00
63		Azobenzene	40.000	41.195	-3.0	114	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.406	1.5	102	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.330	1.7	109	0.00
67		4-Bromophenyl-phenylether	40.000	39.932	0.2	109	0.00
68		Hexachlorobenzene	40.000	39.654	0.9	109	0.00
69		Atrazine	40.000	40.848	-2.1	104	0.00
70	C	Pentachlorophenol	40.000	40.683	-1.7	105	0.00
71		Phenanthrene	40.000	39.522	1.2	110	0.00
72		Anthracene	40.000	39.959	0.1	110	0.00
73		Carbazole	40.000	40.755	-1.9	110	0.00
74		Di-n-butylphthalate	40.000	43.276	-8.2	111	0.00
75	C	Fluoranthene	40.000	42.004	-5.0	113	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	119	-0.01
77		Benzidine	40.000	35.691	10.8	97	0.00
78		Pyrene	40.000	37.687	5.8	114	0.00
79	S	Terphenyl-d14	80.000	77.903	2.6	121	0.00
80		Butylbenzylphthalate	40.000	41.344	-3.4	113	0.00
81		Benzo(a)anthracene	40.000	39.512	1.2	122	0.00
82		3,3'-Dichlorobenzidine	40.000	41.440	-3.6	115	0.00
83		Chrysene	40.000	39.725	0.7	124	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.534	-8.8	121	-0.01
85	c	Di-n-octyl phthalate	40.000	43.583	-9.0	120	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	135	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.706	-6.8	156	-0.02
88		Benzo(b)fluoranthene	40.000	39.871	0.3	134	0.00
89		Benzo(k)fluoranthene	40.000	40.158	-0.4	138	-0.01
90	C	Benzo(a)pyrene	40.000	40.778	-1.9	139	-0.01
91		Dibenzo(a,h)anthracene	40.000	42.295	-5.7	154	-0.02
92		Benzo(g,h,i)perylene	40.000	43.298	-8.2	161	-0.02

Sample Results: **BM050277.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050277.D
Acq On    : 11 Jun 2025  16:25
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 11 18:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 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
```

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG No.: Q2267

Instrument ID: BNA_M Calibration Date/Time: 06/12/2025 04:31

Lab File ID: BM050294.D Init. Calib. Date(s): 06/05/2025 06/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:20 13:56

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

COMPOUND	$\overline{RRF}$	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.361	1.435		5.4	
2-Fluorophenol	1.199	1.250		4.3	
Phenol-d6	1.578	1.595		1.1	
1,4-Dichlorobenzene	1.534	1.495		-2.5	20.0
2-Methylphenol	1.102	1.099		-0.3	
3+4-Methylphenols	1.474	1.458		-1.1	
Nitrobenzene-d5	0.385	0.405		5.2	
Hexachloroethane	0.555	0.587		5.8	
Nitrobenzene	0.350	0.371		6.0	
Hexachlorobutadiene	0.190	0.180		-5.3	20.0
2,4,6-Trichlorophenol	0.380	0.380		0.0	20.0
2-Fluorobiphenyl	1.477	1.469		-0.5	
2,4,5-Trichlorophenol	0.417	0.417		0.0	
2,4-Dinitrotoluene	0.360	0.387		7.5	
2,4,6-Tribromophenol	0.227	0.239		5.3	
Hexachlorobenzene	0.249	0.250		0.4	
Pentachlorophenol	0.162	0.173		6.8	20.0
Terphenyl-d14	1.055	1.007		-4.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050294.D
Acq On : 12 Jun 2025 04:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jun 12 05:25:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	421256	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1719772	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	980072	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1834301	20.000	ng	0.00
76) Chrysene-d12	21.362	240	2006119	20.000	ng	-0.01
86) Perylene-d12	24.327	264	2127246	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2105441	83.374	ng	0.00
7) Phenol-d6	6.928	99	2687865	80.855	ng	0.00
23) Nitrobenzene-d5	8.916	82	2789229	84.350	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	935993	83.963	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5760411	79.573	ng	0.00
79) Terphenyl-d14	19.757	244	8076672	76.294	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	456324	41.224	ng	89
3) Pyridine	3.669	79	1209057	42.177	ng	92
4) n-Nitrosodimethylamine	3.581	42	260965	44.025	ng	95
6) Aniline	7.093	93	1749689	39.814	ng	97
8) 2-Chlorophenol	7.328	128	1135774	40.889	ng	97
9) Benzaldehyde	6.904	77	774879	36.662	ng	98
10) Phenol	6.957	94	1443228	41.032	ng	98
11) bis(2-Chloroethyl)ether	7.187	93	1175004	41.532	ng	95
12) 1,3-Dichlorobenzene	7.651	146	1225637	39.469	ng	96
13) 1,4-Dichlorobenzene	7.798	146	1259844	38.993	ng	99
14) 1,2-Dichlorobenzene	8.116	146	1210051	39.287	ng	99
15) Benzyl Alcohol	7.998	79	939067	39.606	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	960289	48.862	ng	92
17) 2-Methylphenol	8.198	107	926064	39.903	ng	98
18) Hexachloroethane	8.845	117	494929	42.299	ng	96
19) n-Nitroso-di-n-propyla...	8.569	70	864109	42.477	ng	97
20) 3+4-Methylphenols	8.528	107	1227985	39.549	ng	99
22) Acetophenone	8.581	105	1702937	39.635	ng	99
24) Nitrobenzene	8.957	77	1276741	42.453	ng	96
25) Isophorone	9.487	82	2259974	39.597	ng	99
26) 2-Nitrophenol	9.663	139	512611	39.487	ng	95
27) 2,4-Dimethylphenol	9.728	122	1049127	39.332	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	1535186	41.174	ng	100
29) 2,4-Dichlorophenol	10.198	162	963519	39.035	ng	98
30) 1,2,4-Trichlorobenzene	10.416	180	1059185	38.561	ng	100
31) Naphthalene	10.598	128	3465404	38.974	ng	99
32) Benzoic acid	9.840	122	447390	26.689	ng	95
33) 4-Chloroaniline	10.704	127	1479823	39.037	ng	99
34) Hexachlorobutadiene	10.892	225	618531	37.858	ng	100
35) Caprolactam	11.486	113	299051	38.215	ng	83
36) 4-Chloro-3-methylphenol	11.828	107	1026359	38.968	ng	98
37) 2-Methylnaphthalene	12.216	142	2086108	38.890	ng	99
38) 1-Methylnaphthalene	12.433	142	2200590	38.652	ng	100
40) 1,2,4,5-Tetrachloroben...	12.581	216	1128930	39.891	ng	99
41) Hexachlorocyclopentadiene	12.569	237	685516	39.886	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	745681	40.067	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050294.D
Acq On : 12 Jun 2025 04:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jun 12 05:25:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	816412	39.954	ng	97
46) 1,1'-Biphenyl	13.228	154	2896871	39.474	ng	99
47) 2-Chloronaphthalene	13.269	162	2259721	39.607	ng	100
48) 2-Nitroaniline	13.463	65	583662	46.487	ng	91
49) Acenaphthylene	14.116	152	3704150	40.140	ng	100
50) Dimethylphthalate	13.857	163	2639763	39.826	ng	100
51) 2,6-Dinitrotoluene	13.963	165	557598	41.715	ng	91
52) Acenaphthene	14.457	154	2190170	37.945	ng	99
53) 3-Nitroaniline	14.286	138	635321	42.646	ng	98
54) 2,4-Dinitrophenol	14.492	184	94849	15.700	ng	96
55) Dibenzofuran	14.792	168	3378810	40.013	ng	99
56) 4-Nitrophenol	14.592	139	526535	41.526	ng	94
57) 2,4-Dinitrotoluene	14.745	165	757615	42.966	ng	93
58) Fluorene	15.439	166	2614269	40.421	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	726707m	41.106	ng	
60) Diethylphthalate	15.222	149	2686385	40.848	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1256083	40.184	ng	99
62) 4-Nitroaniline	15.451	138	628549	45.016	ng	98
63) Azobenzene	15.733	77	2799249	42.585	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	242118	24.167	ng	95
66) n-Nitrosodiphenylamine	15.651	169	2297493	39.863	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	781191	39.937	ng	97
68) Hexachlorobenzene	16.445	284	916924	40.121	ng	97
69) Atrazine	16.604	200	756312	41.184	ng	98
70) Pentachlorophenol	16.780	266	636473	42.836	ng	100
71) Phenanthrene	17.174	178	4197547	40.058	ng	99
72) Anthracene	17.263	178	4223559	40.290	ng	100
73) Carbazole	17.527	167	3945955	41.318	ng	100
74) Di-n-butylphthalate	18.110	149	4526219	43.558	ng	100
75) Fluoranthene	19.186	202	4650842	42.087	ng	99
77) Benzidine	19.368	184	2311026	40.966	ng	99
78) Pyrene	19.551	202	4981804	36.844	ng	100
80) Butylbenzylphthalate	20.456	149	1885439	41.804	ng	96
81) Benzo(a)anthracene	21.339	228	5053259	39.796	ng	100
82) 3,3'-Dichlorobenzidine	21.268	252	1715475	44.302	ng	100
83) Chrysene	21.403	228	4784209	39.609	ng	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	3045100	43.831	ng	99
85) Di-n-octyl phthalate	22.415	149	4696350	45.556	ng	99
87) Indeno(1,2,3-cd)pyrene	27.685	276	5950271	43.443	ng	99
88) Benzo(b)fluoranthene	23.397	252	5020058	40.589	ng	100
89) Benzo(k)fluoranthene	23.456	252	5082030	40.251	ng	100
90) Benzo(a)pyrene	24.192	252	4786398	41.161	ng	99
91) Dibenzo(a,h)anthracene	27.744	278	4894031	44.020	ng	99
92) Benzo(g,h,i)perylene	28.727	276	4861977	43.693	ng	100

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

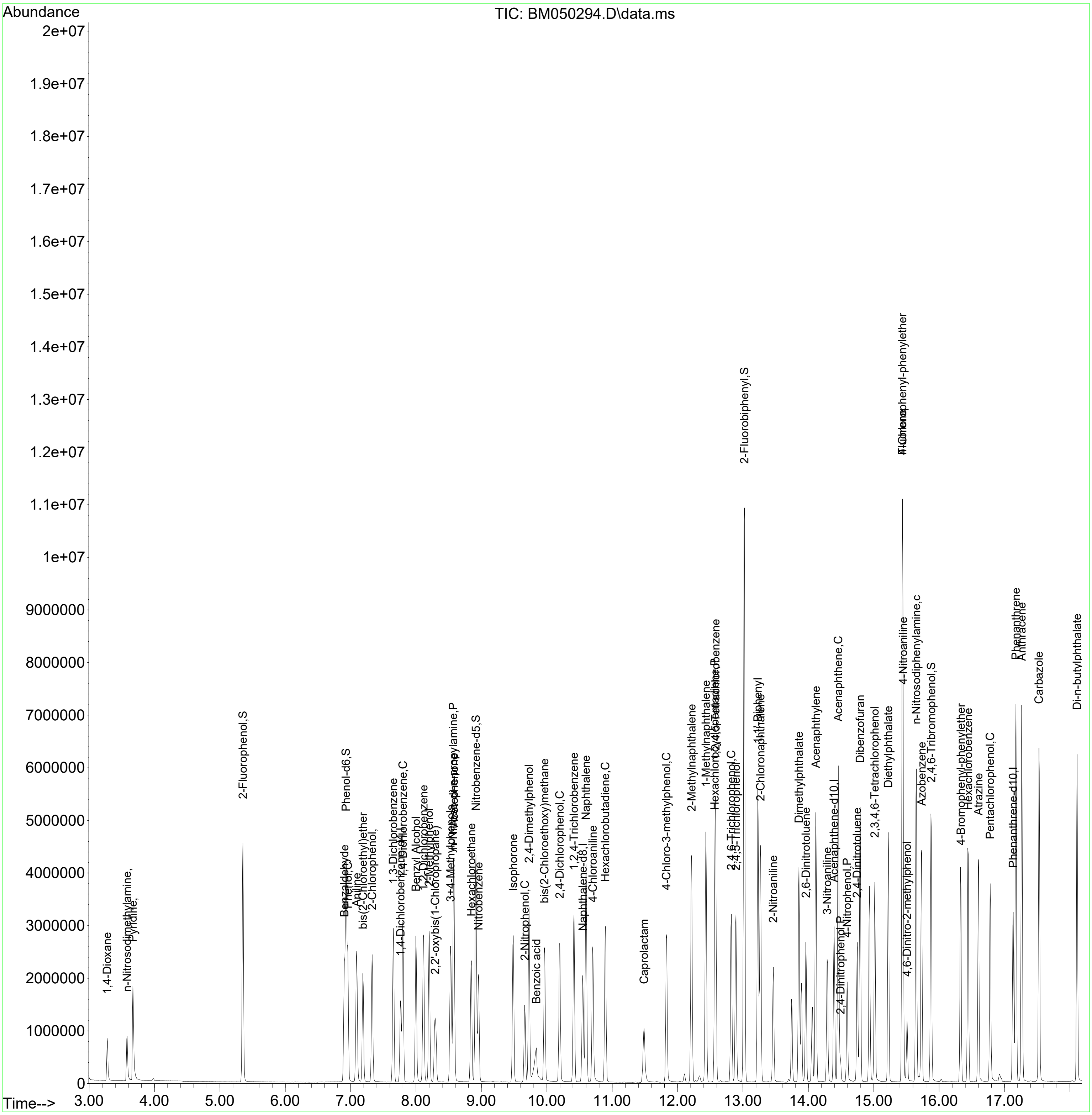
Quantitation Report (QT Reviewed)

Sample Results: **BM050294.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050294.D
Acq On : 12 Jun 2025 04:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jun 12 05:25:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



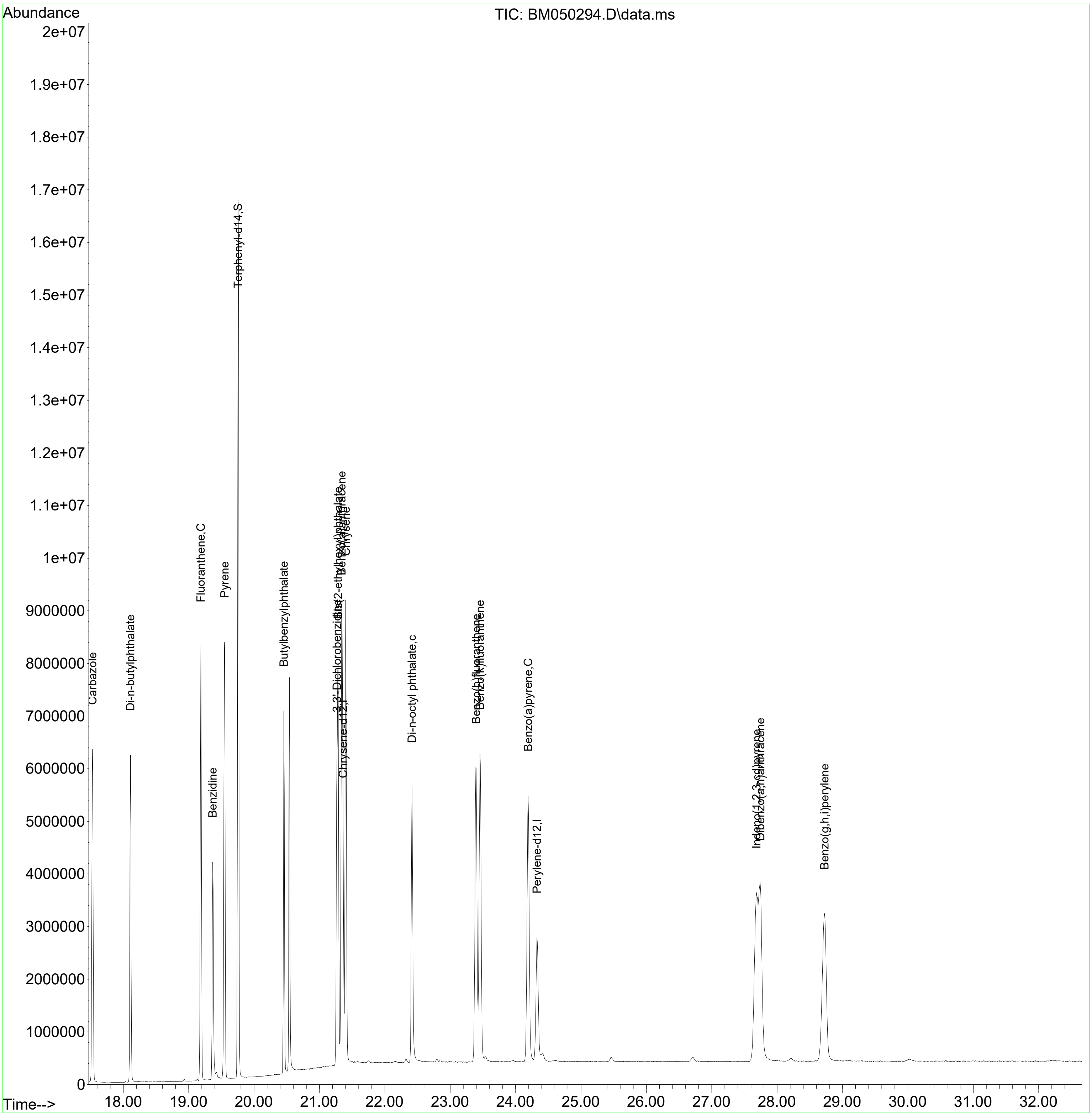
Quantitation Report (QT Reviewed)

Sample Results: **BM050294.D**

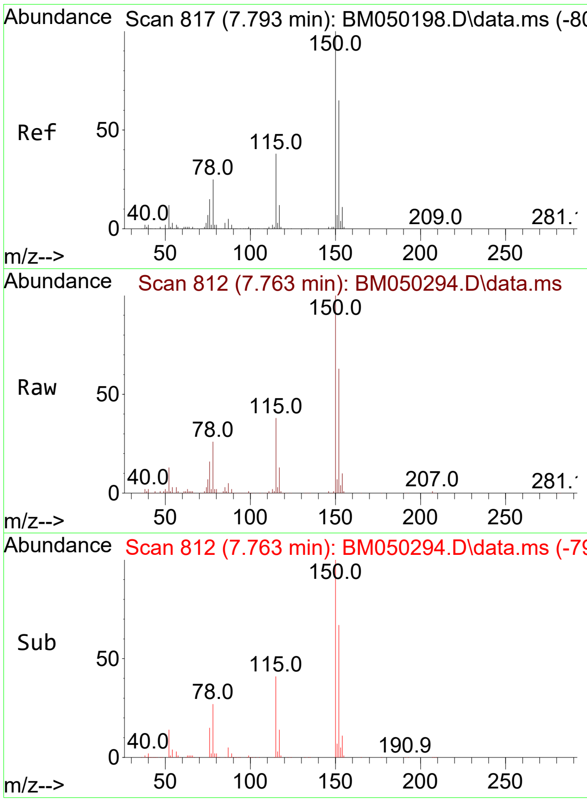
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050294.D
Acq On : 12 Jun 2025 04:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jun 12 05:25:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



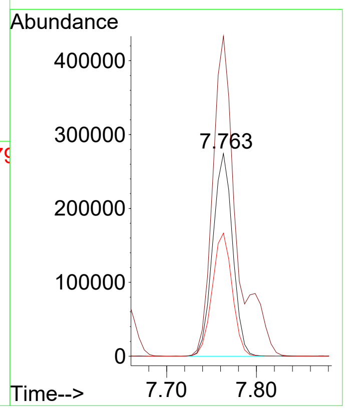
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

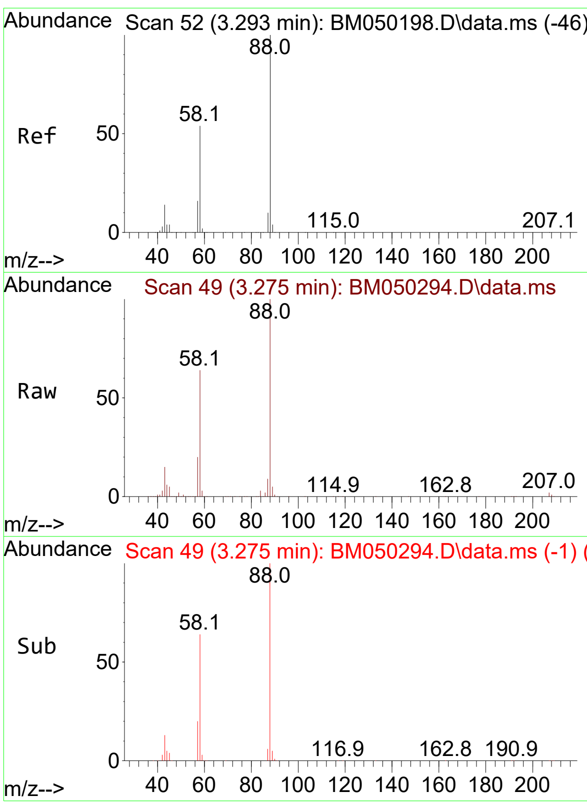


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:152 Resp: 421256

Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.2	183.4
115	60.7	46.3	69.5

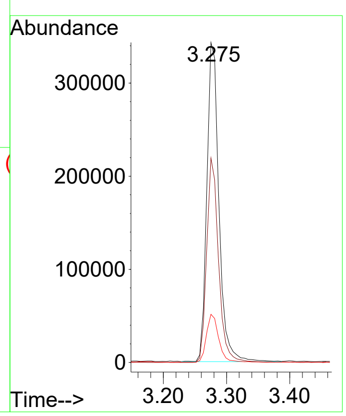




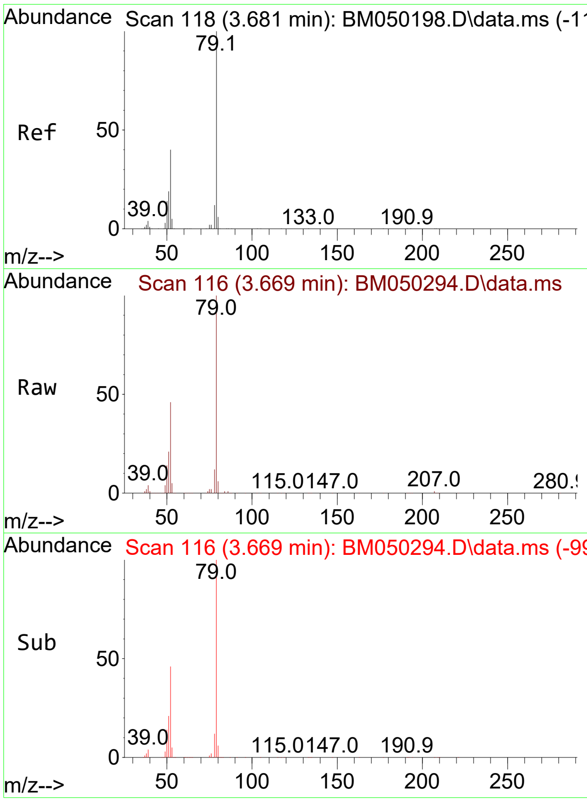
#2
1,4-Dioxane
Concen: 41.224 ng
RT: 3.275 min Scan# 49
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 88 Resp: 456324

Ion	Ratio	Lower	Upper
88	100		
58	62.8	42.9	64.3
43	15.3	11.0	16.6



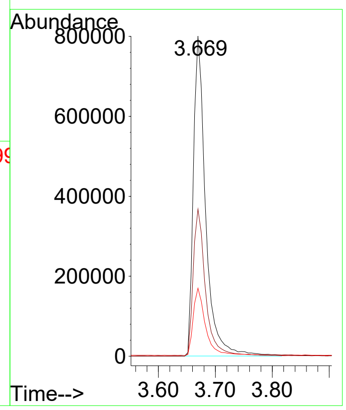
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

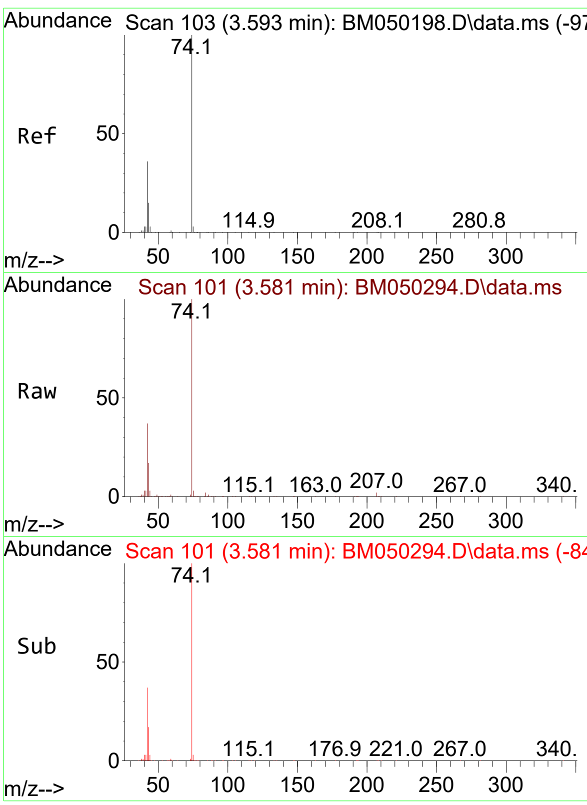


#3
Pyridine
Concen: 42.177 ng
RT: 3.669 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 79 Resp: 1209057

Ion	Ratio	Lower	Upper
79	100		
52	45.9	32.1	48.1
51	21.2	15.4	23.0

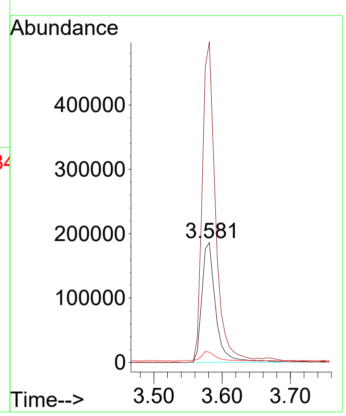




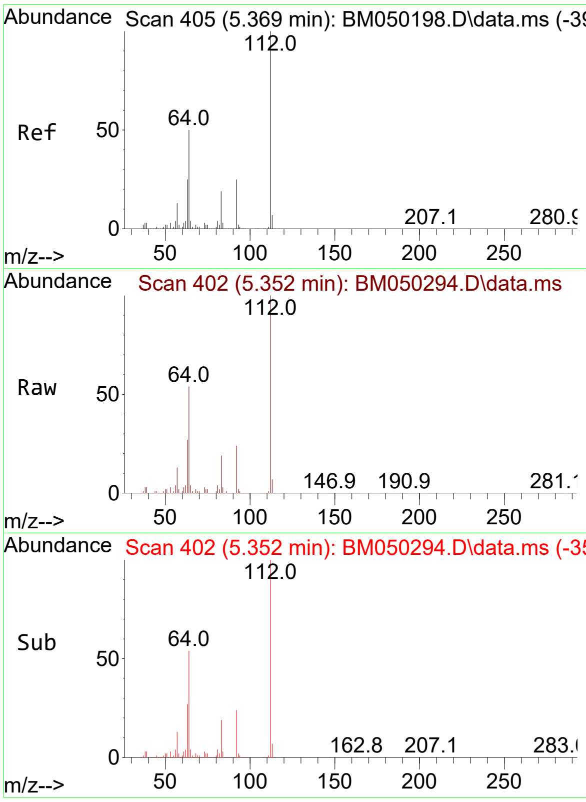
#4
n-Nitrosodimethylamine
Concen: 44.025 ng
RT: 3.581 min Scan# 101
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 42 Resp: 260965

Ion	Ratio	Lower	Upper
42	100		
74	267.1	222.0	333.0
44	8.6	7.0	10.6



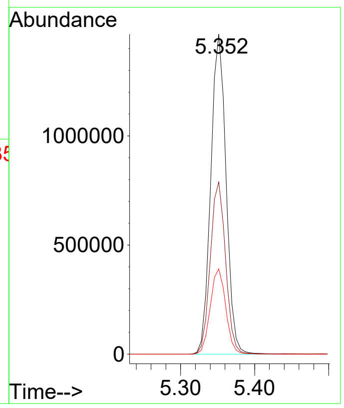
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

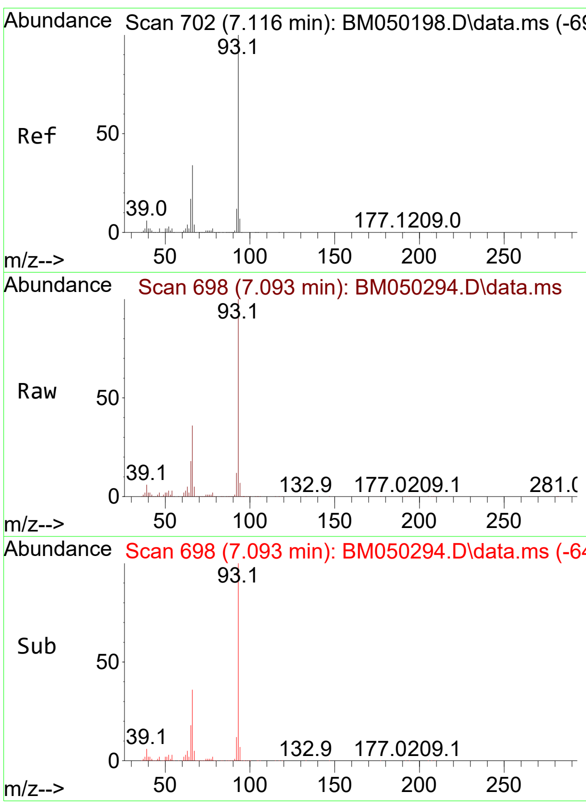


#5
2-Fluorophenol
Concen: 83.374 ng
RT: 5.352 min   Scan# 4
Delta R.T.   -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025   04:31

Tgt Ion:112 Resp: 2105441

Ion	Ratio	Lower	Upper
112	100		
64	53.8	39.8	59.6
63	26.7	19.8	29.8

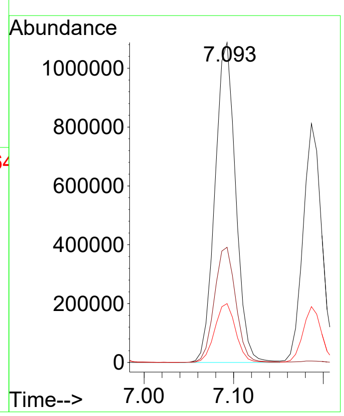




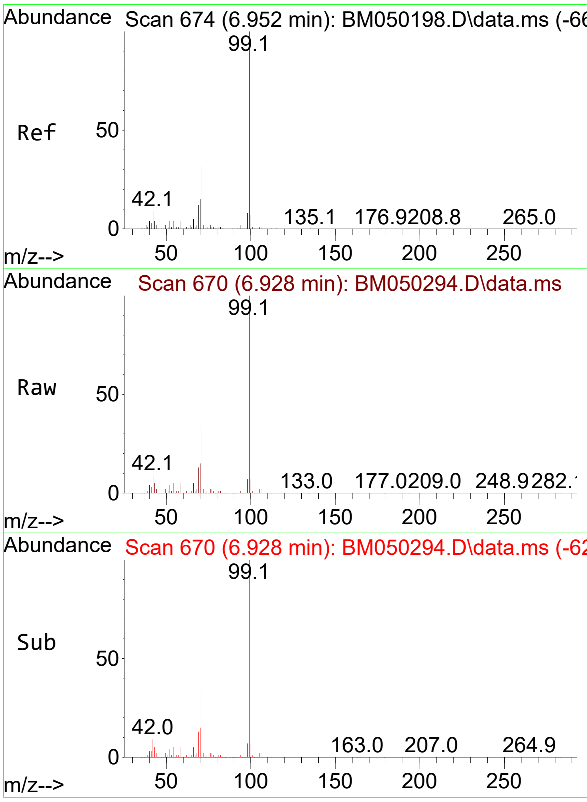
#6
Aniline
Concen: 39.814 ng
RT: 7.093 min   Scan# 698
Delta R.T.   0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025   04:31

Tgt Ion: 93 Resp: 1749689

Ion	Ratio	Lower	Upper
93	100		
66	36.0	27.4	41.2
65	18.4	13.6	20.4



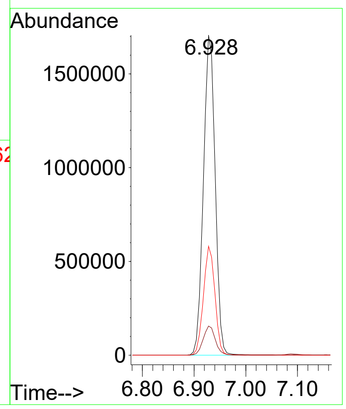
Instrument : BNA_M
ClientSampleId : SSTDCCC040

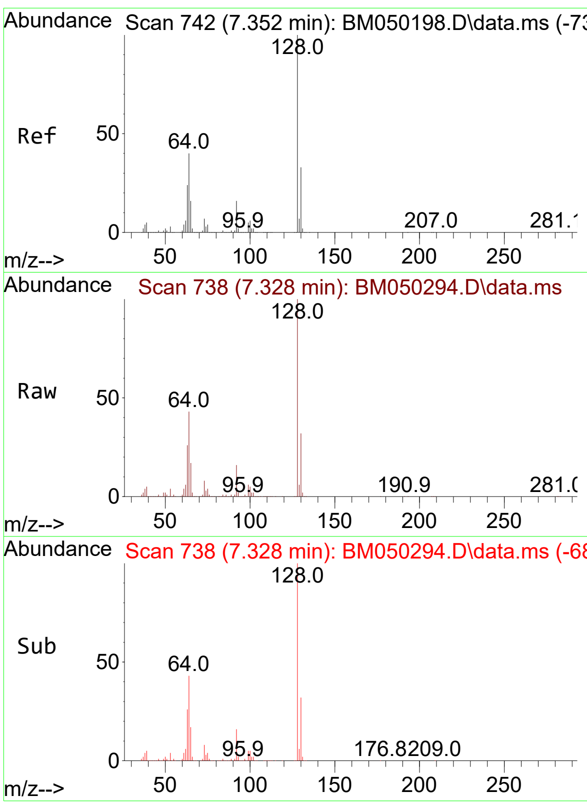


#7
Phenol-d6
Concen: 80.855 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 99 Resp: 2687865

Ion	Ratio	Lower	Upper
99	100		
42	9.1	6.9	10.3
71	34.1	25.3	37.9

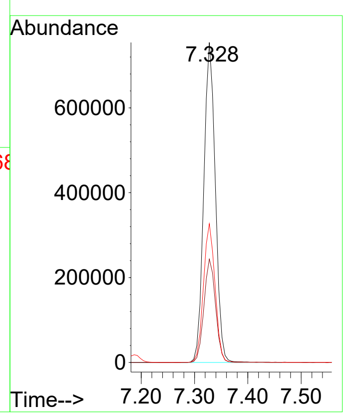




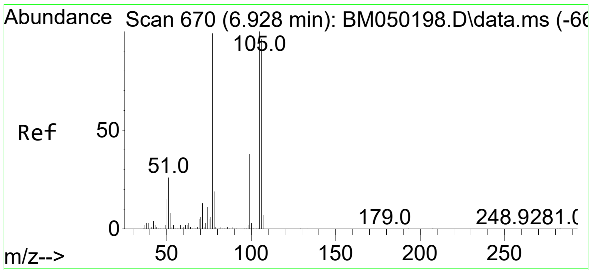
#8
2-Chlorophenol
Concen: 40.889 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

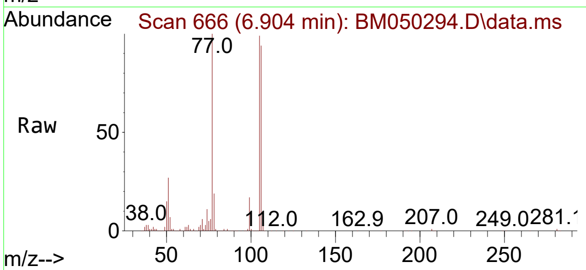
Tgt Ion:128 Resp: 1135774

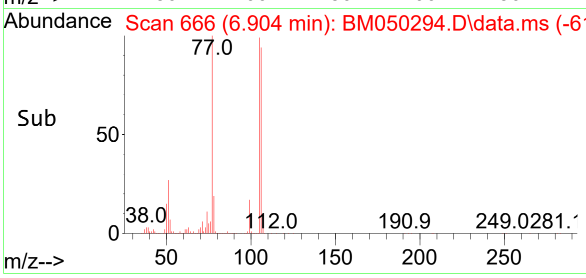
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	43.3	19.8	59.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



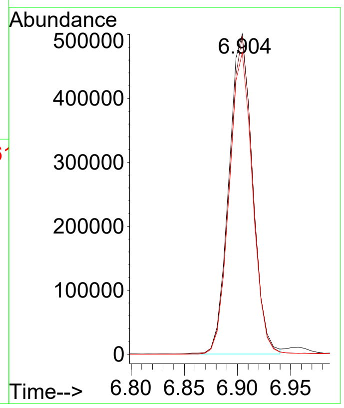


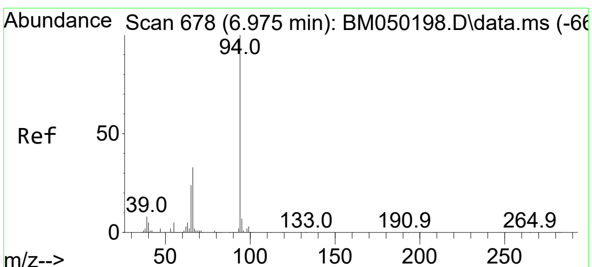


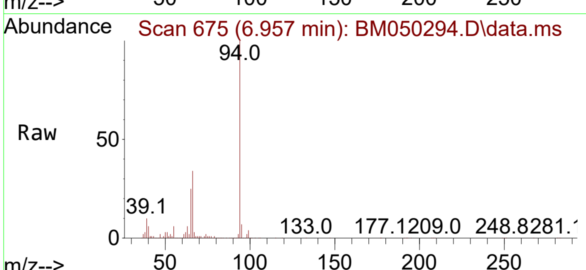
#9
Benzaldehyde
Concen: 36.662 ng
RT: 6.904 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

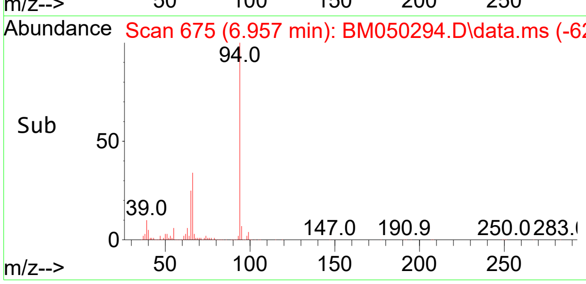
Tgt Ion: 77 Resp: 774879

Ion	Ratio	Lower	Upper
77	100		
105	99.3	80.9	120.9
106	94.2	77.1	117.1





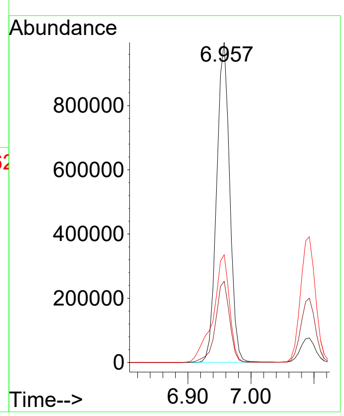




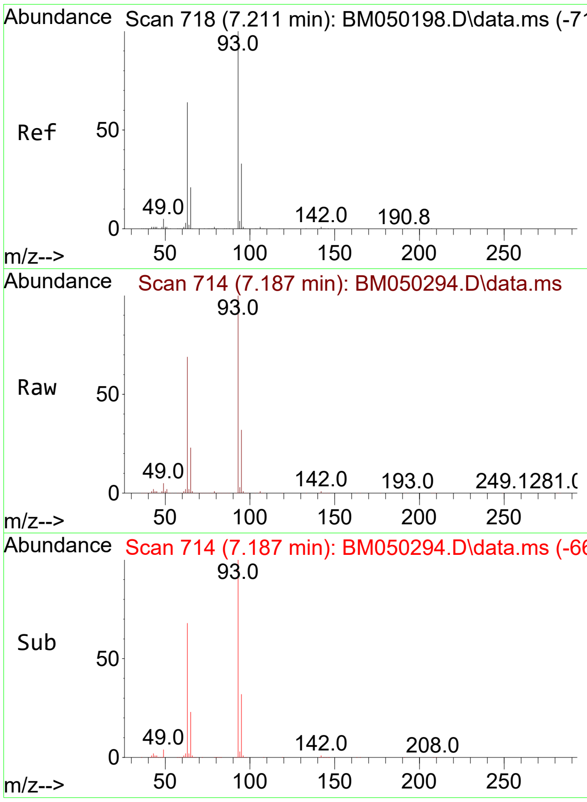
#10
Phenol
Concen: 41.032 ng
RT: 6.957 min Scan# 675
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 94 Resp: 1443228

Ion	Ratio	Lower	Upper
94	100		
65	25.3	4.3	44.3
66	33.7	12.9	52.9



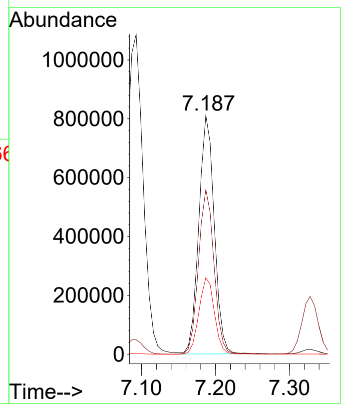
Instrument : BNA_M
ClientSampleId : SSTDCCC040

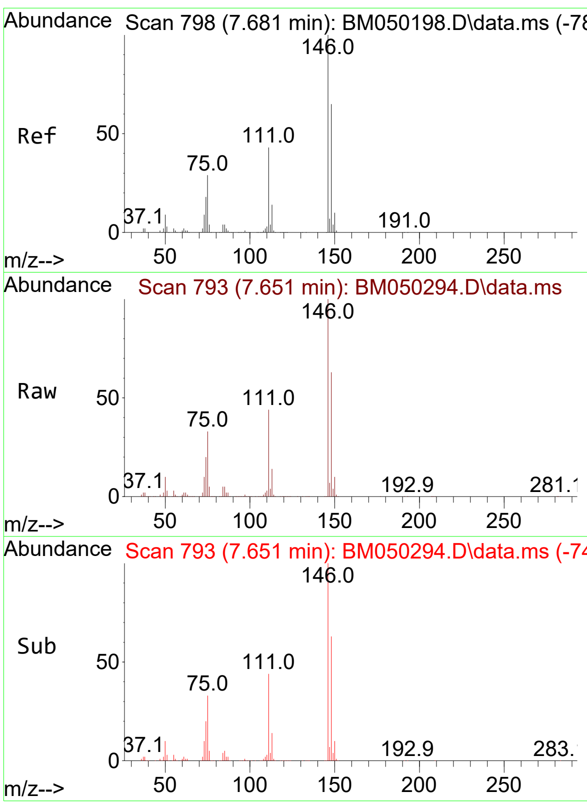


#11
bis(2-Chloroethyl)ether
Concen: 41.532 ng
RT: 7.187 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 93 Resp: 1175004

Ion	Ratio	Lower	Upper
93	100		
63	69.0	43.9	83.9
95	32.1	12.7	52.7

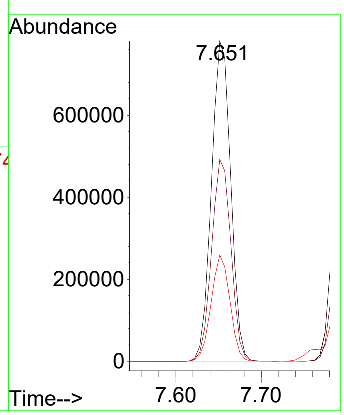




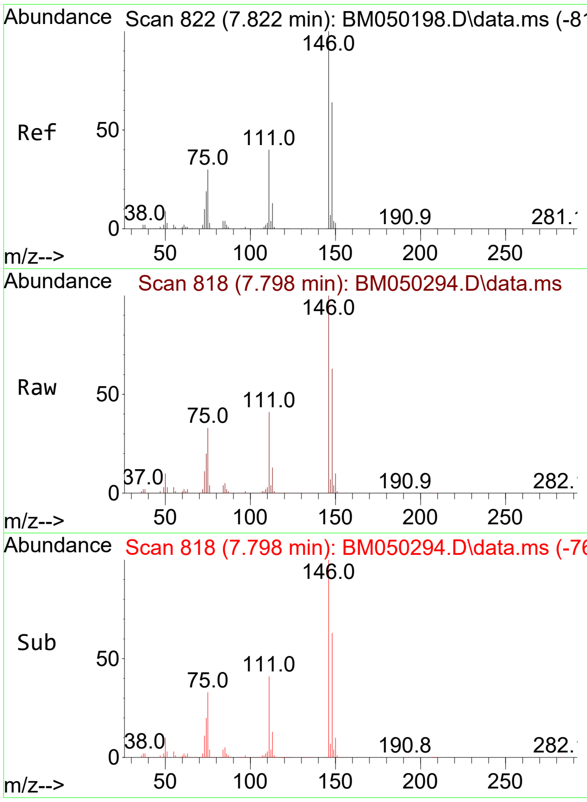
#12
1,3-Dichlorobenzene
Concen: 39.469 ng
RT: 7.651 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:146 Resp: 1225637

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.9	77.9
75	33.2	23.4	35.0



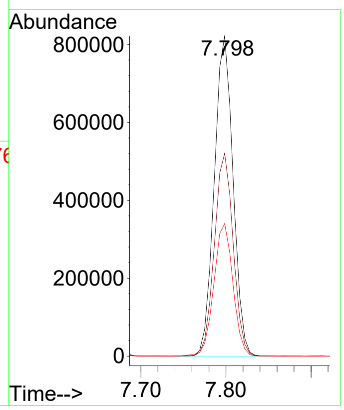
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

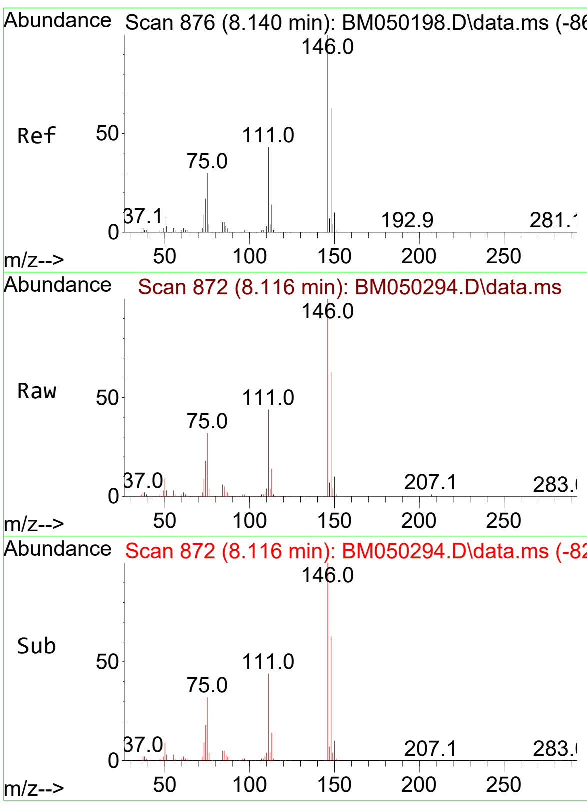


#13
1,4-Dichlorobenzene
Concen: 38.993 ng
RT: 7.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:146 Resp: 1259844

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
111	41.5	32.3	48.5

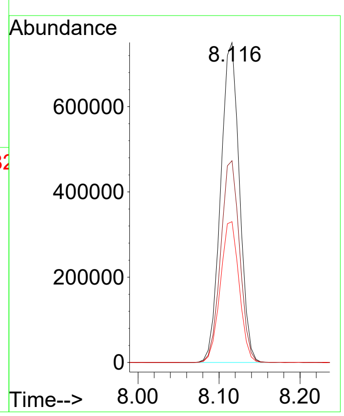




#14
1,2-Dichlorobenzene
Concen: 39.287 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:146 Resp: 1210051

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	44.0	34.3	51.5

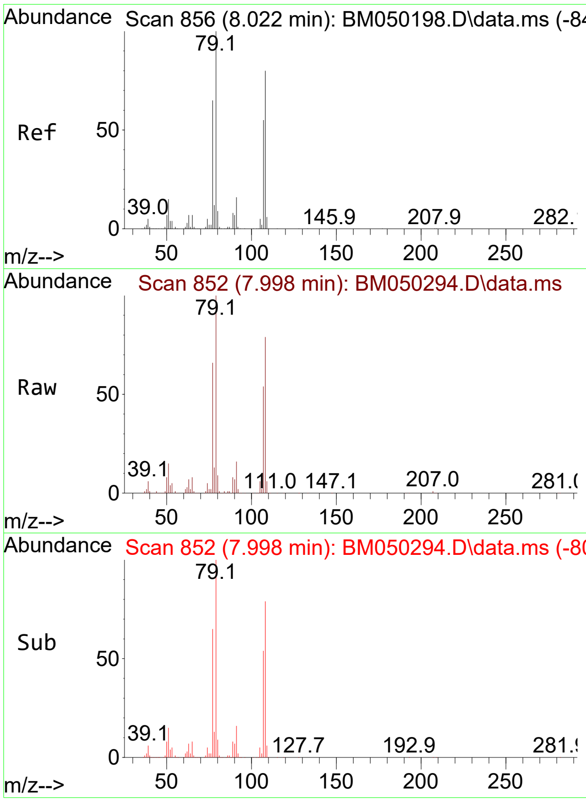


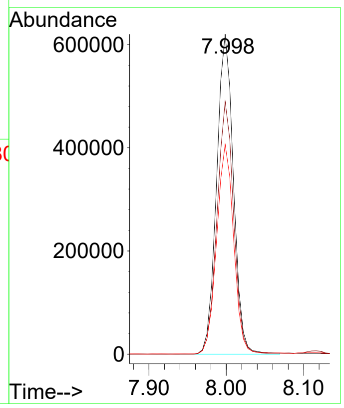
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

#15
Benzyl Alcohol
Concen: 39.606 ng
RT: 7.998 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 79 Resp: 939067

Ion	Ratio	Lower	Upper
79	100		
108	79.0	64.0	96.0
77	65.5	52.2	78.2

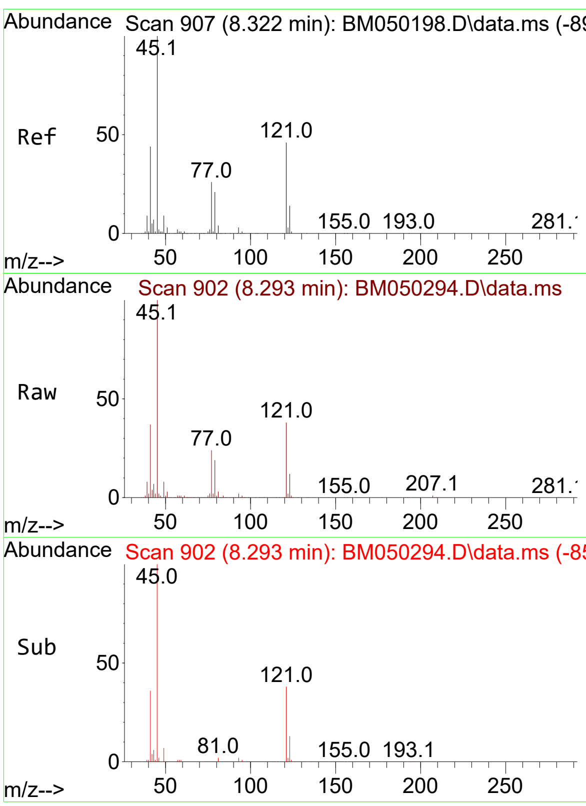


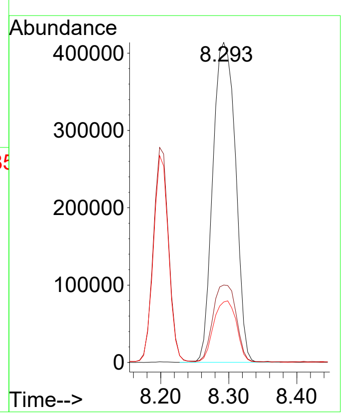


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.862 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 45 Resp: 960289

Ion	Ratio	Lower	Upper
45	100		
77	24.2	8.7	48.7
79	18.9	2.7	42.7





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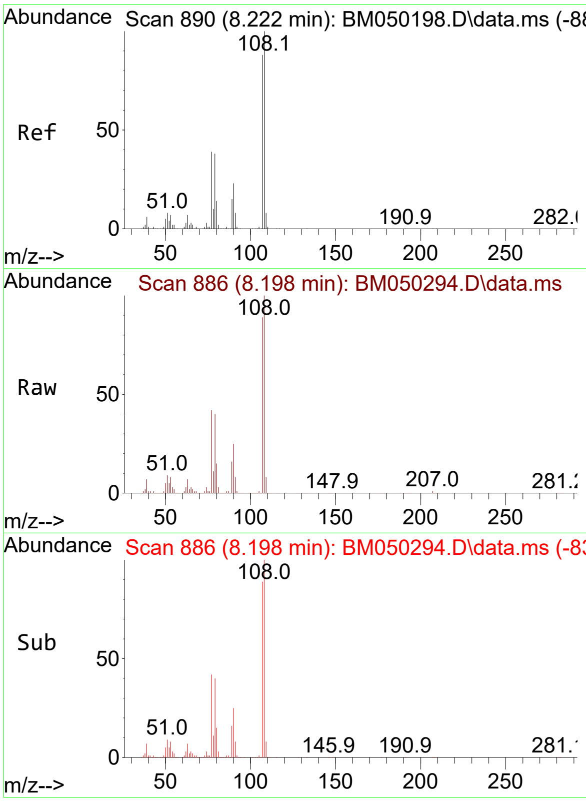
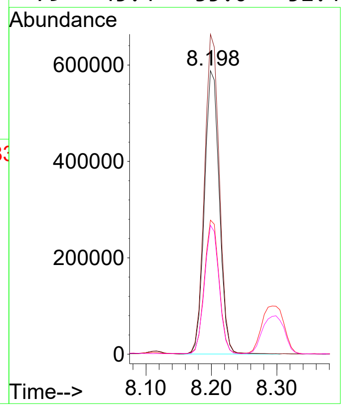
ClientSampleId : SSTDCCC040

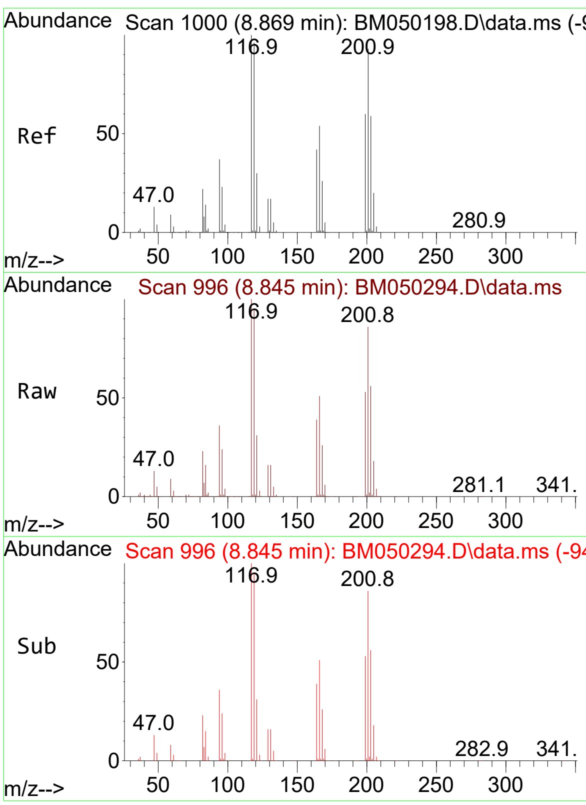


#17
2-Methylphenol
Concen: 39.903 ng
RT: 8.198 min Scan# 88
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:107 Resp: 926064

Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.8	136.2
77	47.3	35.7	53.5
79	45.4	35.0	52.4

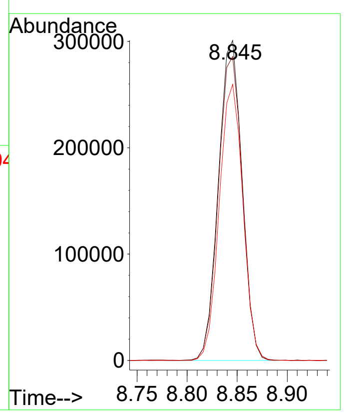




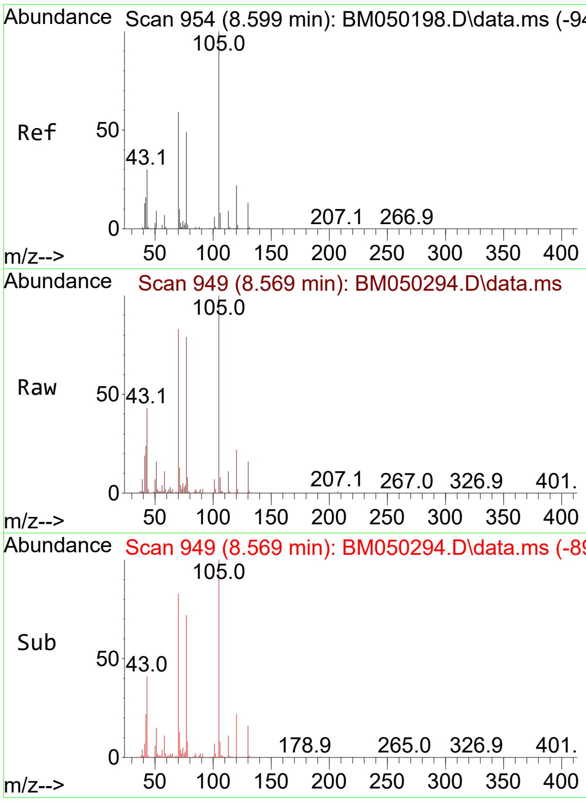
#18
Hexachloroethane
Concen: 42.299 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:117 Resp: 494929

Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.0	115.6
201	86.3	74.6	111.8



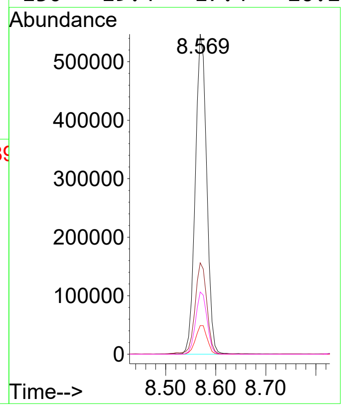
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

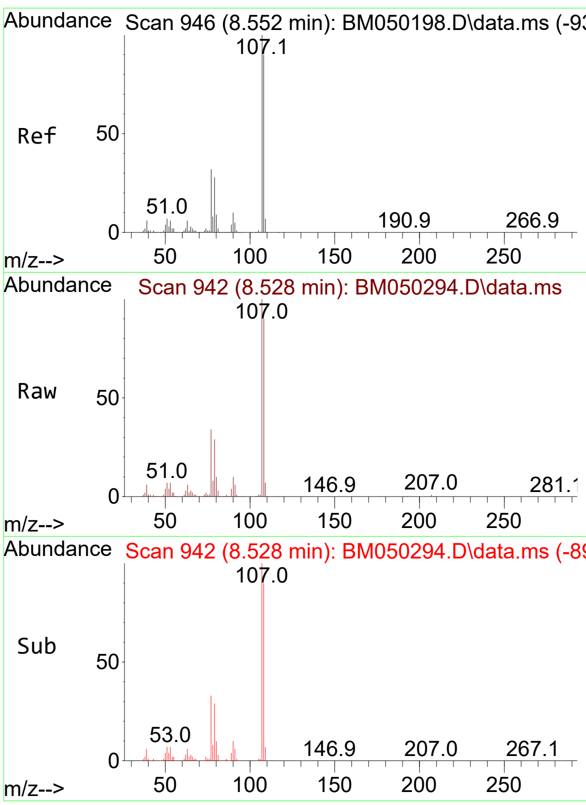


#19
n-Nitroso-di-n-propylamine
Concen: 42.477 ng
RT: 8.569 min   Scan# 94
Delta R.T.   -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025   04:31

Tgt Ion: 70 Resp: 864109

Ion	Ratio	Lower	Upper
70	100		
42	28.6	22.6	33.8
101	9.0	8.3	12.5
130	19.4	17.4	26.2

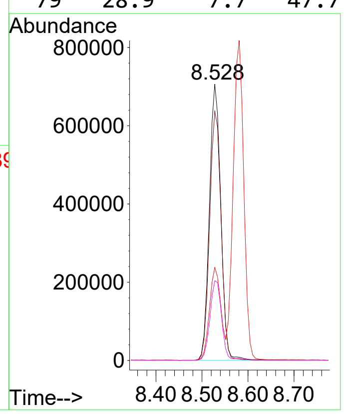




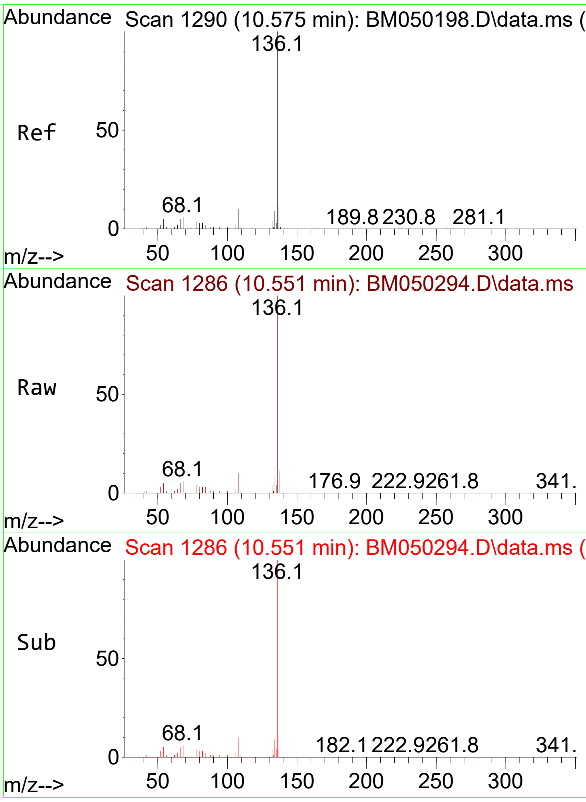
#20
3+4-Methylphenols
Concen: 39.549 ng
RT: 8.528 min   Scan# 942
Delta R.T.   -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025   04:31

Tgt Ion:107 Resp: 1227985

Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.4	110.4
77	33.7	12.2	52.2
79	28.9	7.7	47.7



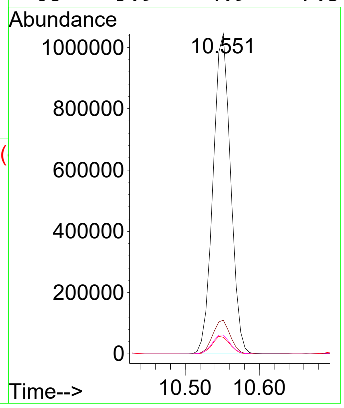
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

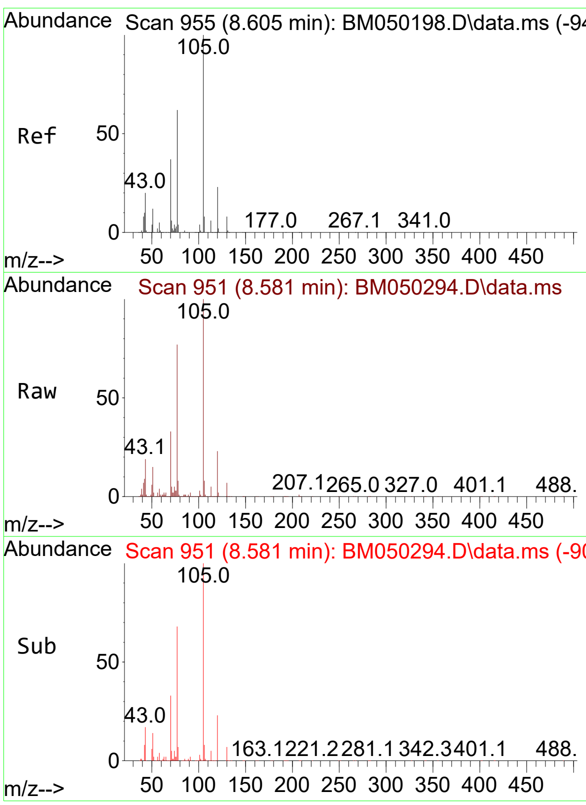


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:136 Resp: 1719772

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	5.2	3.8	5.8
68	5.9	4.9	7.3

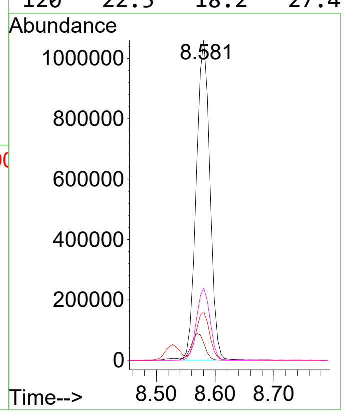




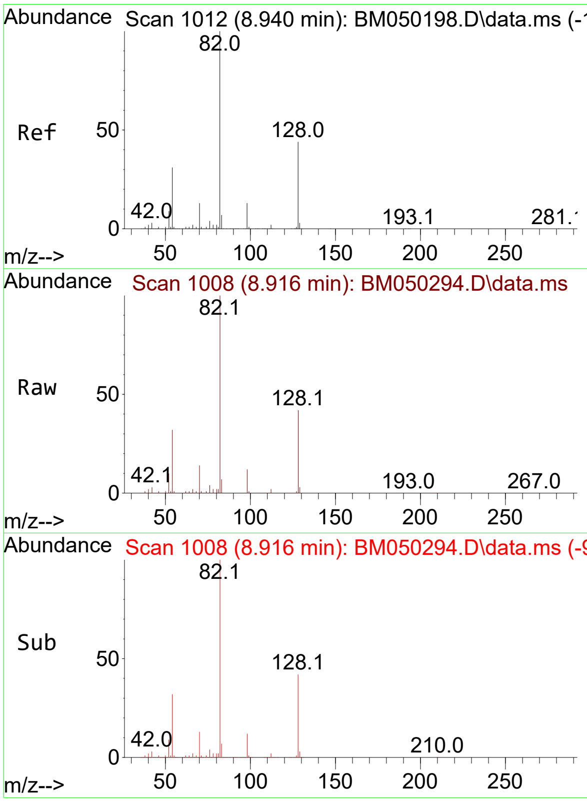
#22
Acetophenone
Concen: 39.635 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:105 Resp: 1702937

Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.0	7.4
51	15.1	11.4	17.2
120	22.5	18.2	27.4



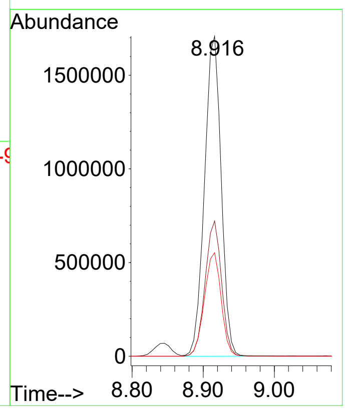
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

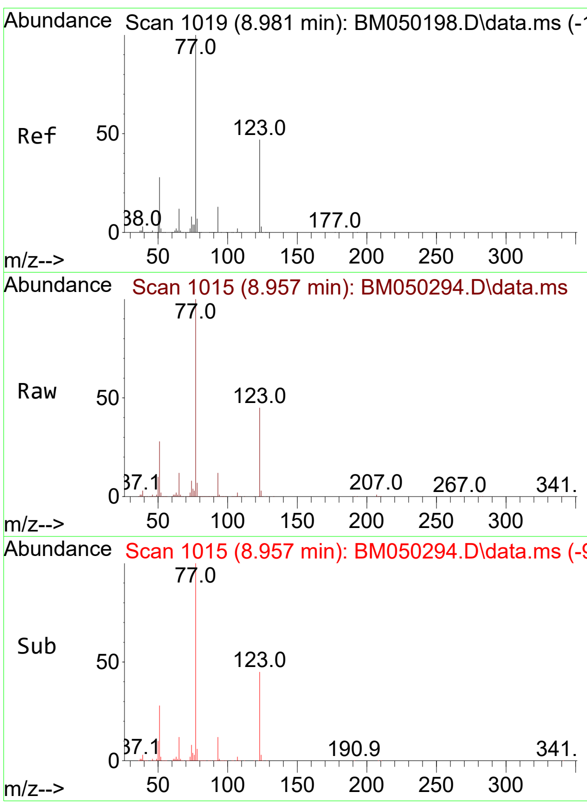


#23
Nitrobenzene-d5
Concen: 84.350 ng
RT: 8.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 82 Resp: 2789229

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.2	52.8
54	32.4	24.5	36.7

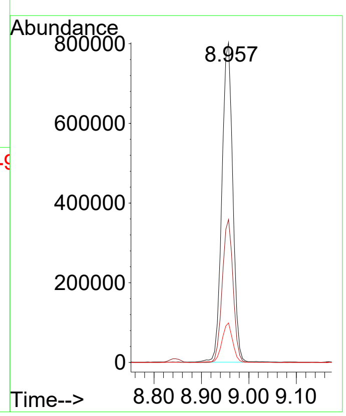




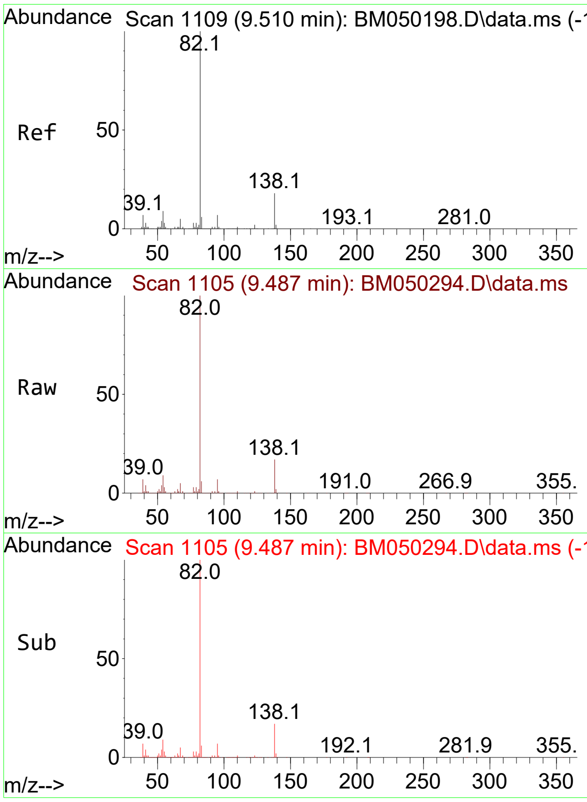
#24
Nitrobenzene
Concen: 42.453 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 77 Resp: 1276741

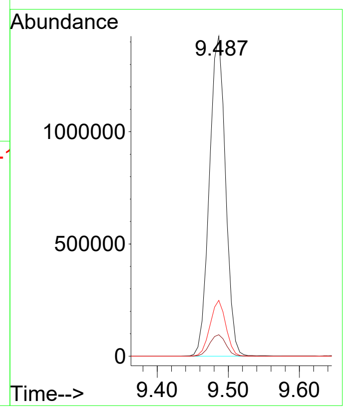
Ion	Ratio	Lower	Upper
77	100		
123	44.7	38.2	57.2
65	12.3	9.5	14.3

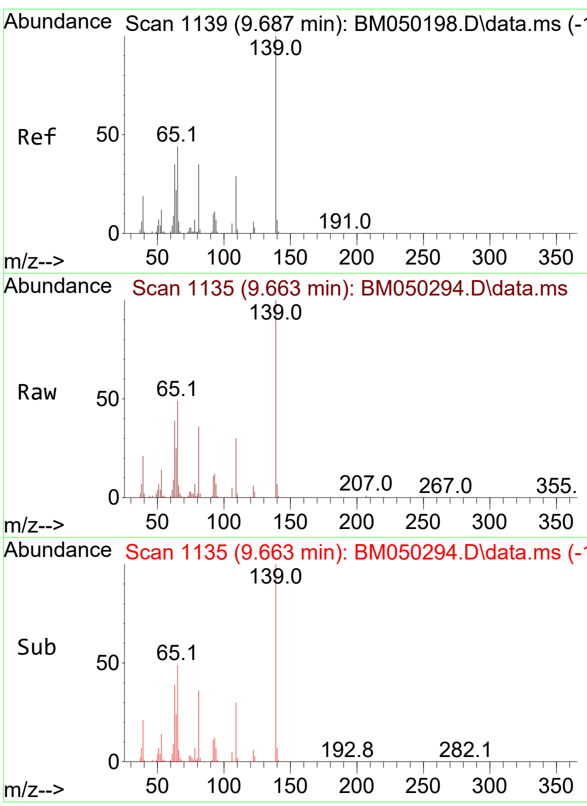


Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

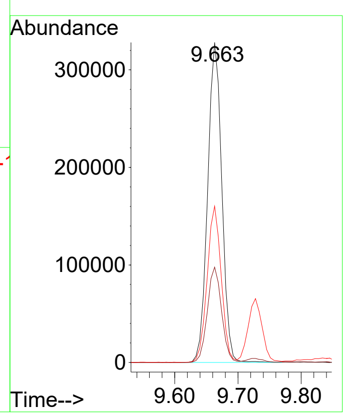



```
#25
Isophorone
Concen:   39.597 ng
RT:    9.487 min   Scan# 1
Delta R.T.   0.000 min
Lab File:    BM050294.D
Acq: 12 Jun 2025  04:31

Tgt Ion: 82 Resp: 2259974
Ion  Ratio  Lower  Upper
 82  100
 95    6.7    5.7    8.5
138   17.5   14.2   21.2
```

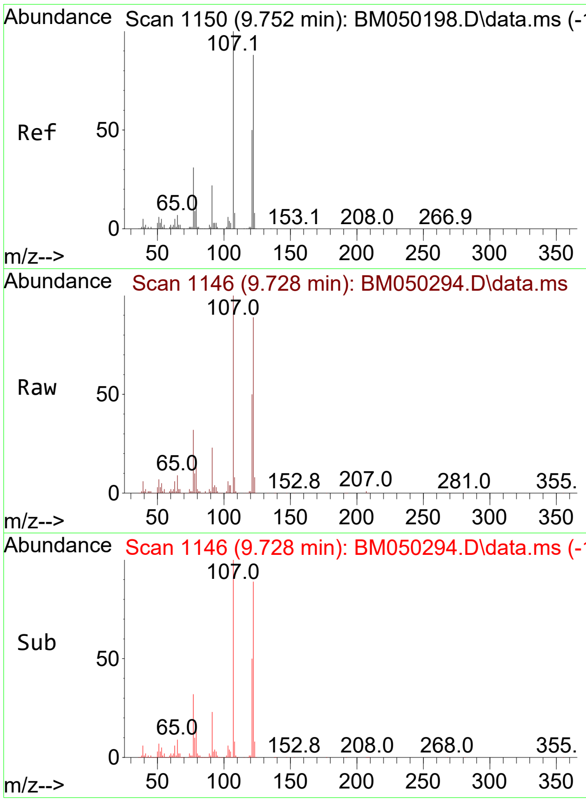





```
#26
2-Nitrophenol
Concen:   39.487 ng
RT:    9.663 min   Scan# 1135
Delta R.T.   -0.006 min
Lab File:    BM050294.D
Acq: 12 Jun 2025  04:31

Tgt Ion:139 Resp:   512611
Ion  Ratio  Lower  Upper
139  100
109   29.8   23.3   34.9
 65   48.8   35.2   52.8
```



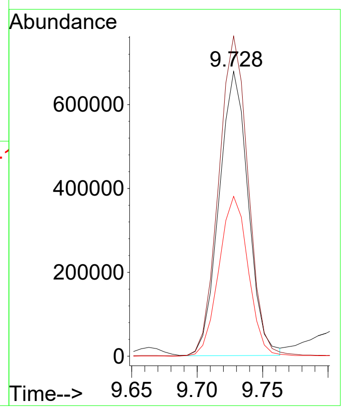
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

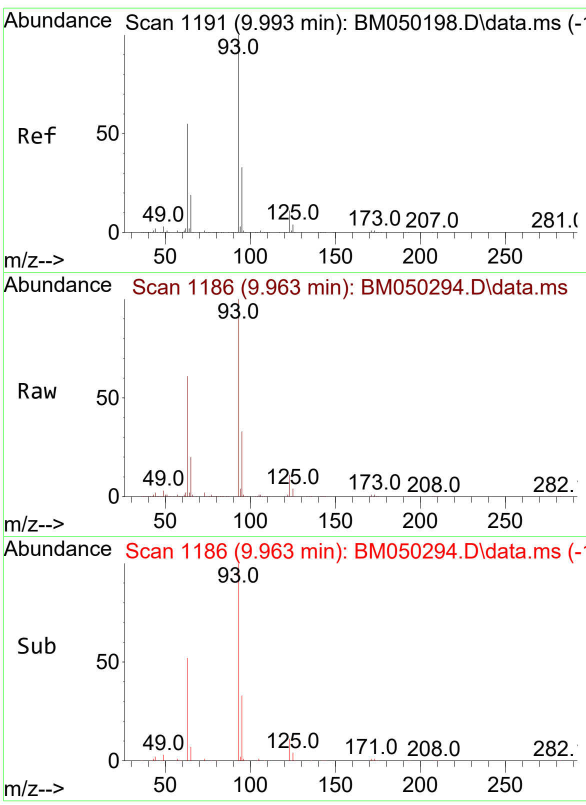


#27
2,4-Dimethylphenol
Concen: 39.332 ng
RT: 9.728 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:122 Resp: 1049127

Ion	Ratio	Lower	Upper
122	100		
107	112.4	91.0	136.6
121	56.2	45.8	68.6

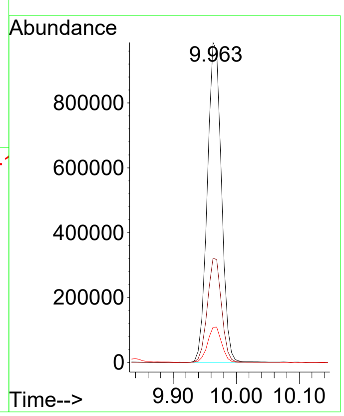




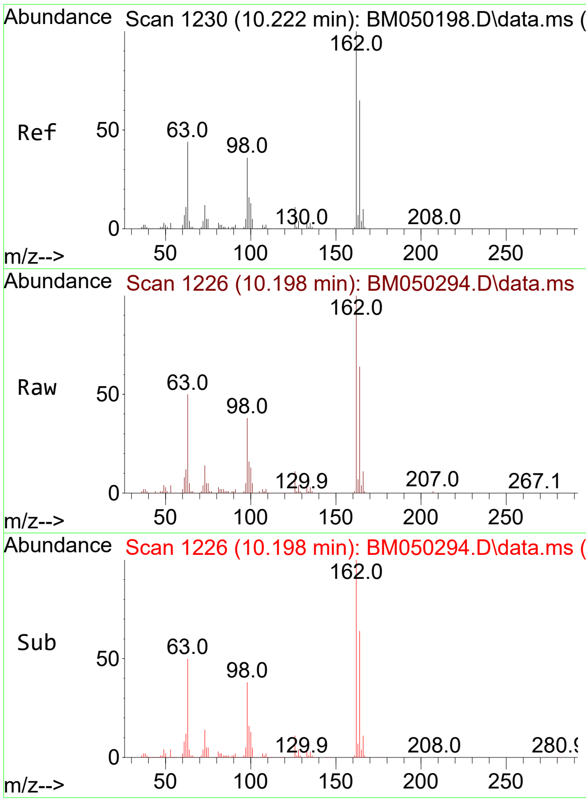
#28
bis(2-Chloroethoxy)methane
Concen: 41.174 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 93 Resp: 1535186

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.0	8.9	13.3



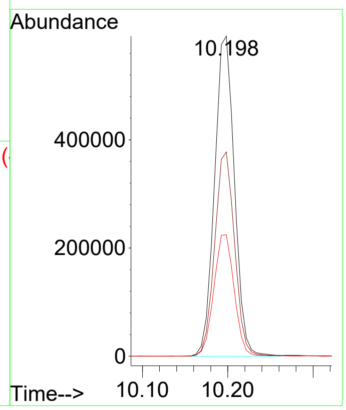
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

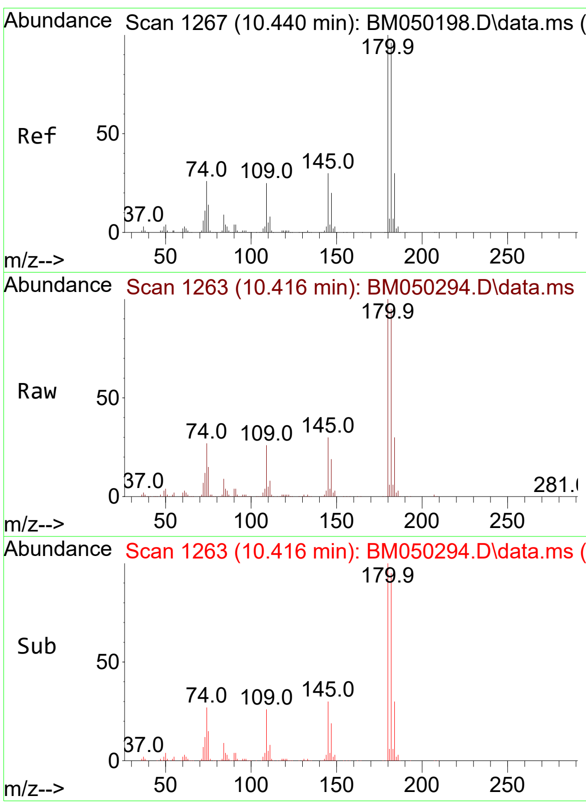


#29
2,4-Dichlorophenol
Concen: 39.035 ng
RT: 10.198 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:162 Resp: 963519

Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.0	85.0
98	38.0	16.3	56.3

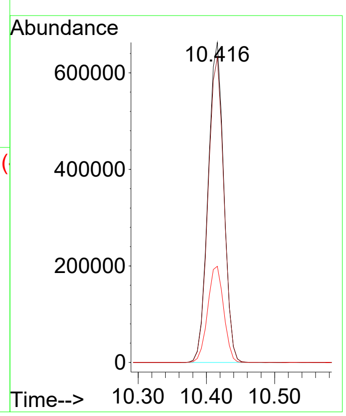




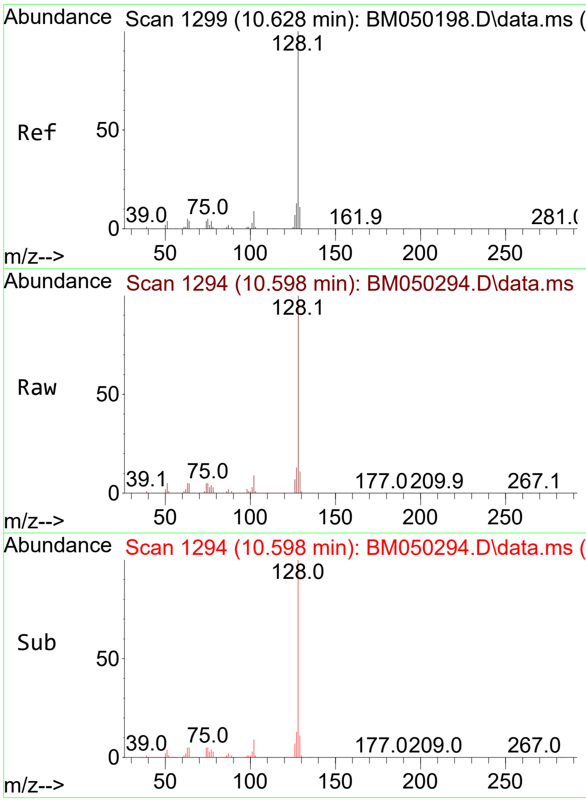
#30
1,2,4-Trichlorobenzene
Concen: 38.561 ng
RT: 10.416 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:180 Resp: 1059185

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	114.8
145	30.1	24.2	36.4



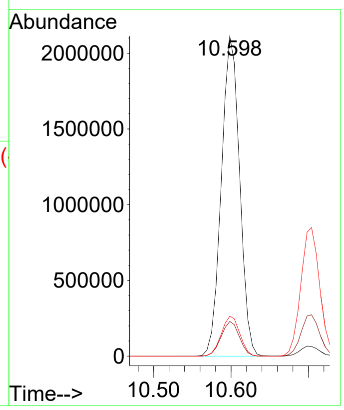
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

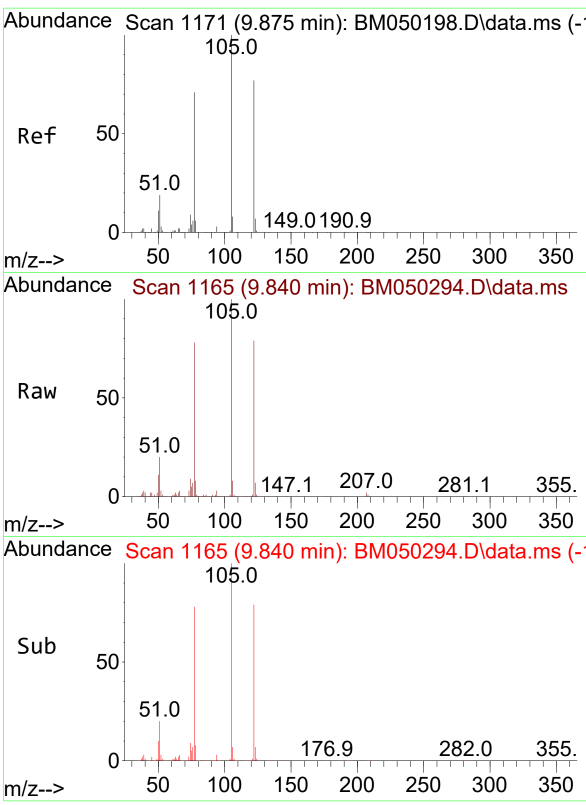


#31
Naphthalene
Concen: 38.974 ng
RT: 10.598 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:128 Resp: 3465404

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.5	10.2	15.4

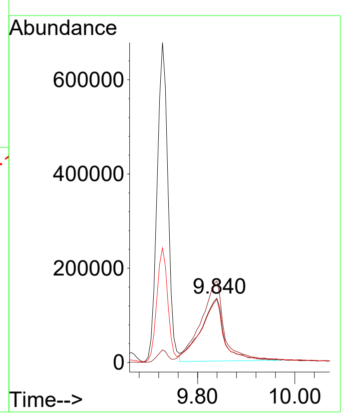




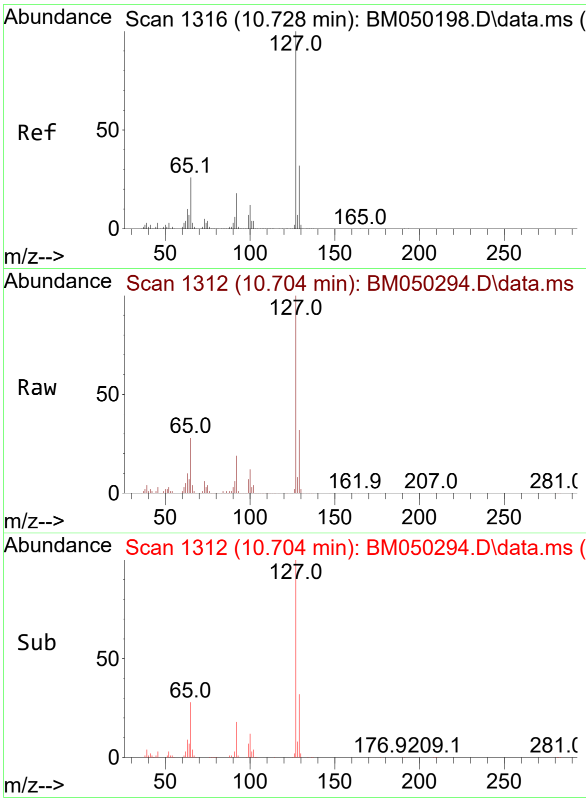
#32
Benzoic acid
Concen: 26.689 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:122 Resp: 447390

Ion	Ratio	Lower	Upper
122	100		
105	126.6	103.4	143.4
77	98.7	70.3	110.3



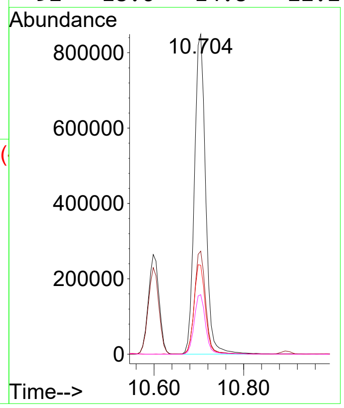
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

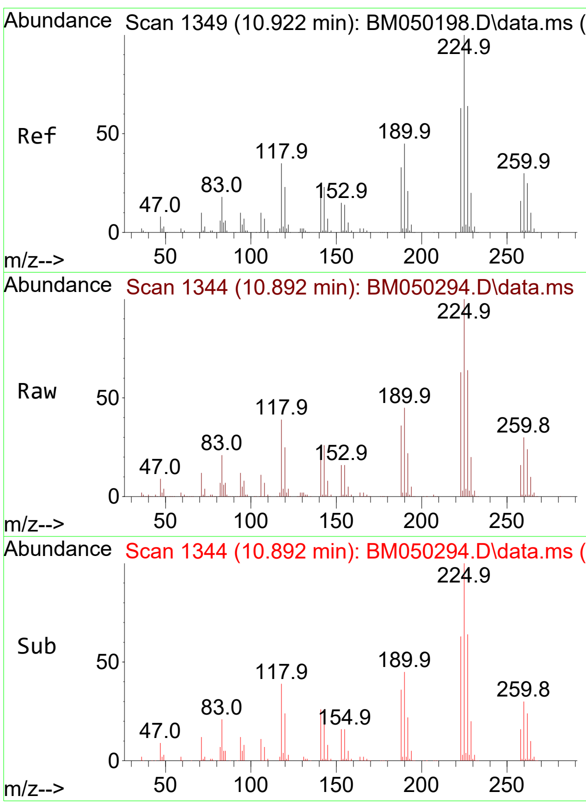


#33
4-Chloroaniline
Concen: 39.037 ng
RT: 10.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:127 Resp: 1479823

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.0
65	27.8	21.0	31.4
92	18.6	14.8	22.2

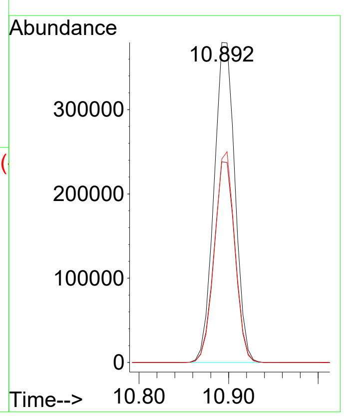




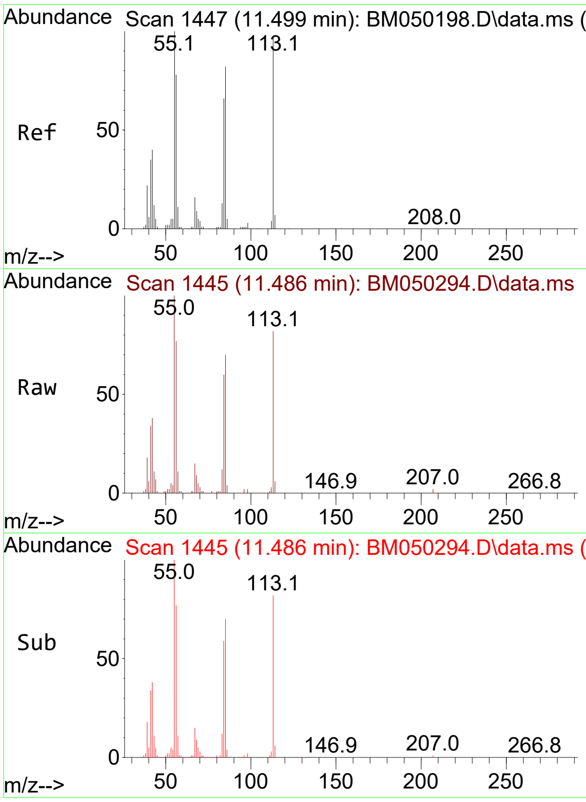
#34
Hexachlorobutadiene
Concen: 37.858 ng
RT: 10.892 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:225 Resp: 618531

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.6	51.0	76.4



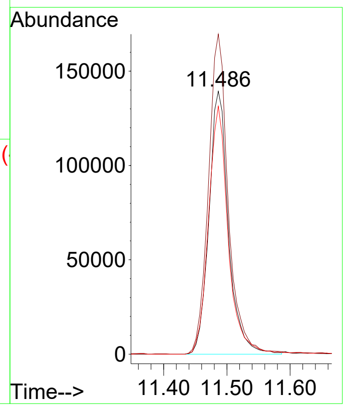
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

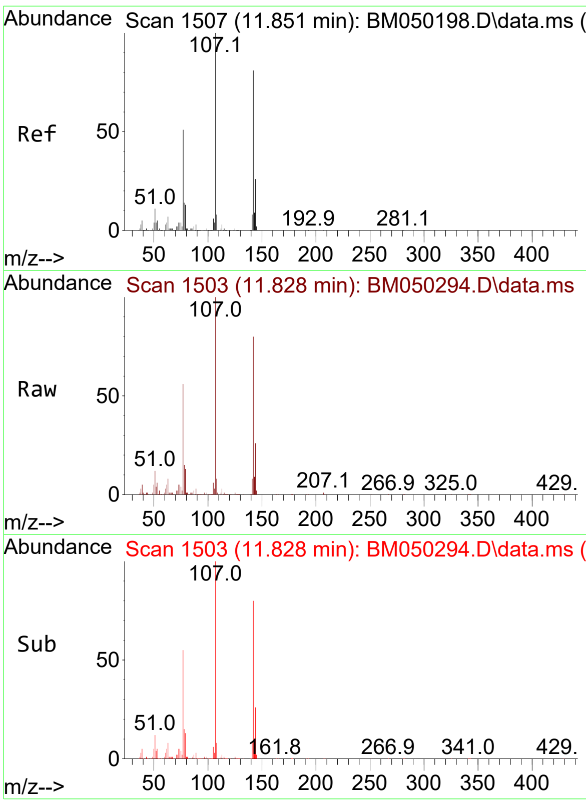


#35
Caprolactam
Concen: 38.215 ng
RT: 11.486 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:113 Resp: 299051

Ion	Ratio	Lower	Upper
113	100		
55	121.7	83.5	123.5
56	94.3	60.6	100.6

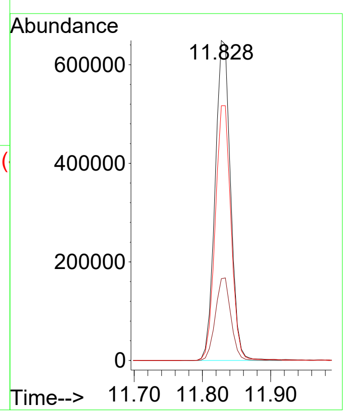




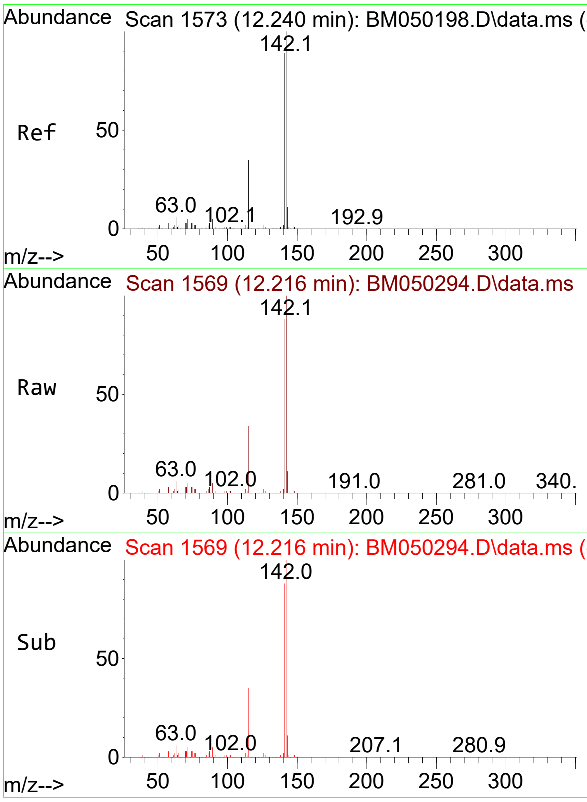
#36
4-Chloro-3-methylphenol
Concen: 38.968 ng
RT: 11.828 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:107 Resp: 1026359

Ion	Ratio	Lower	Upper
107	100		
144	25.6	21.0	31.6
142	79.6	64.8	97.2



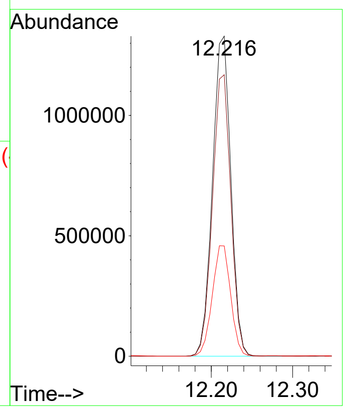
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

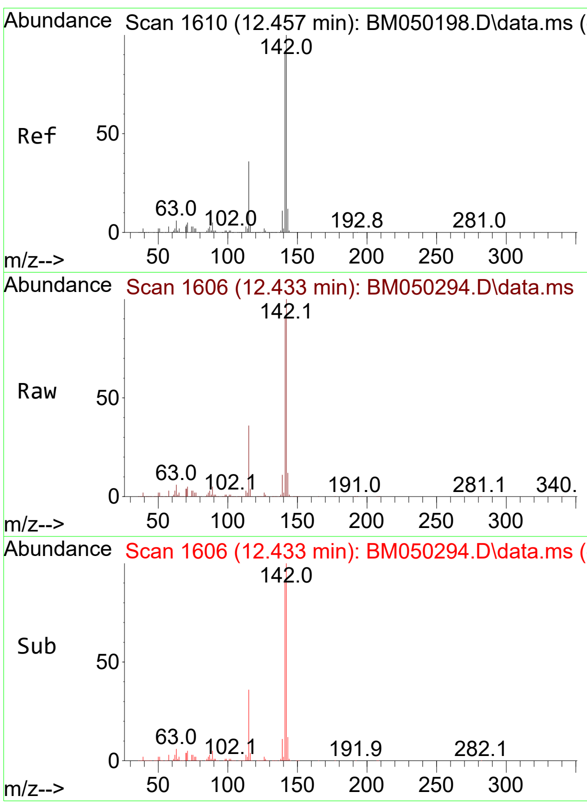


#37
2-Methylnaphthalene
Concen: 38.890 ng
RT: 12.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:142 Resp: 2086108

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.5	107.3
115	34.5	27.8	41.8

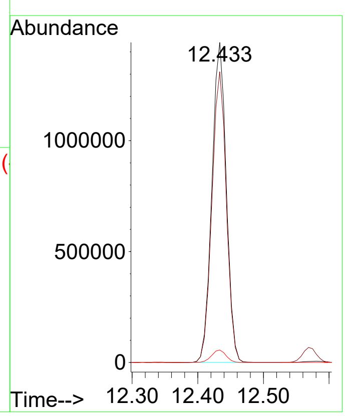




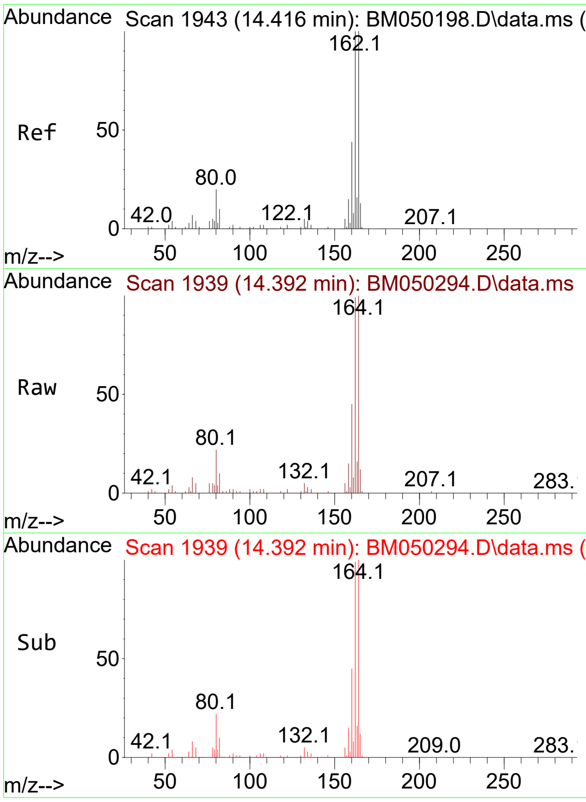
#38
1-Methylnaphthalene
Concen: 38.652 ng
RT: 12.433 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:142 Resp: 2200590

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.9	109.3
116	3.9	3.0	4.6



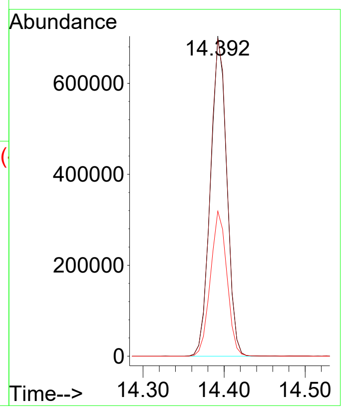
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

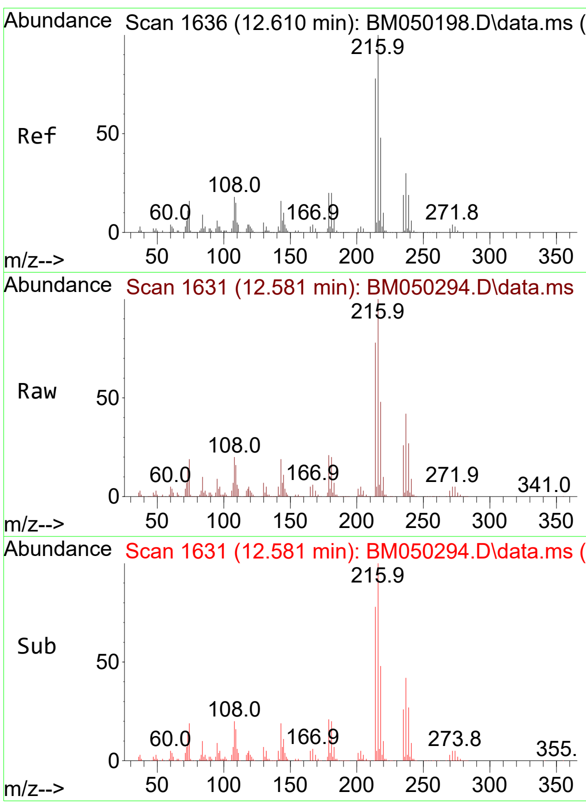


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:164 Resp: 980072

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.4
160	45.4	35.7	53.5

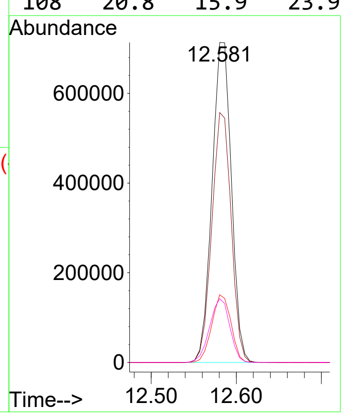




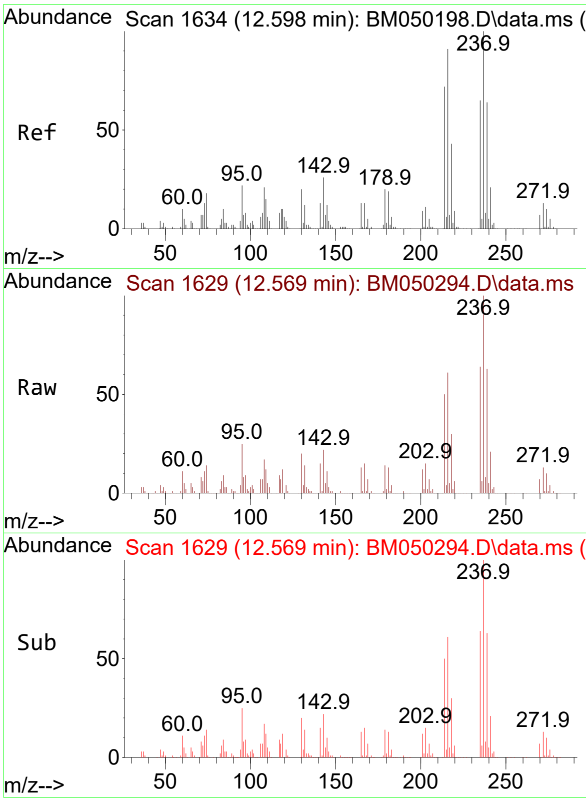
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.891 ng
RT: 12.581 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:216 Resp: 1128930

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	21.0	16.6	25.0
108	20.8	15.9	23.9



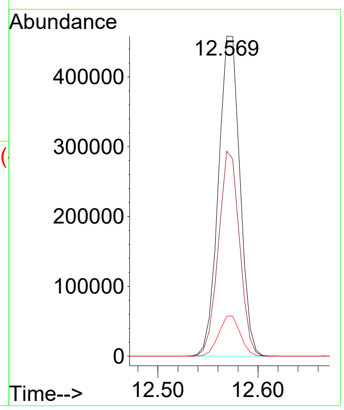
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

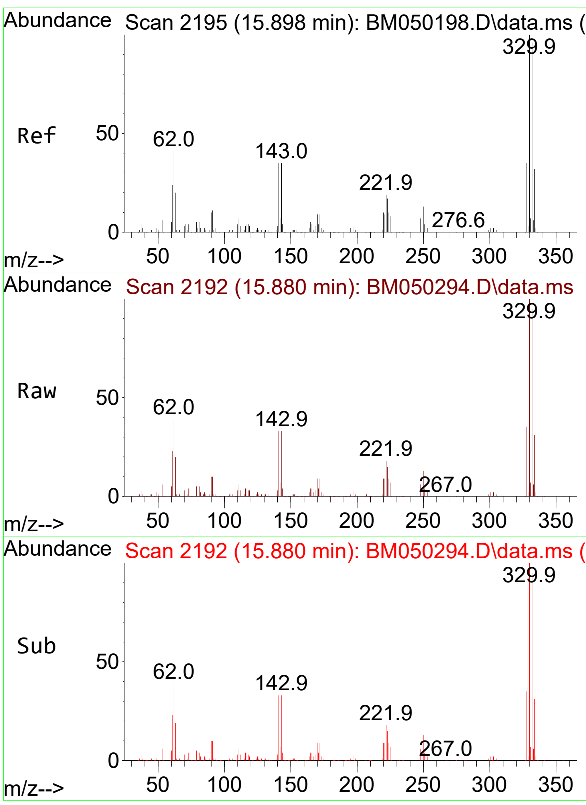


#41
Hexachlorocyclopentadiene
Concen: 39.886 ng
RT: 12.569 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:237 Resp: 685516

Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.6	84.6
272	12.5	0.0	33.1

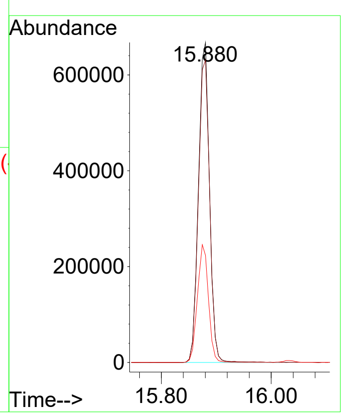




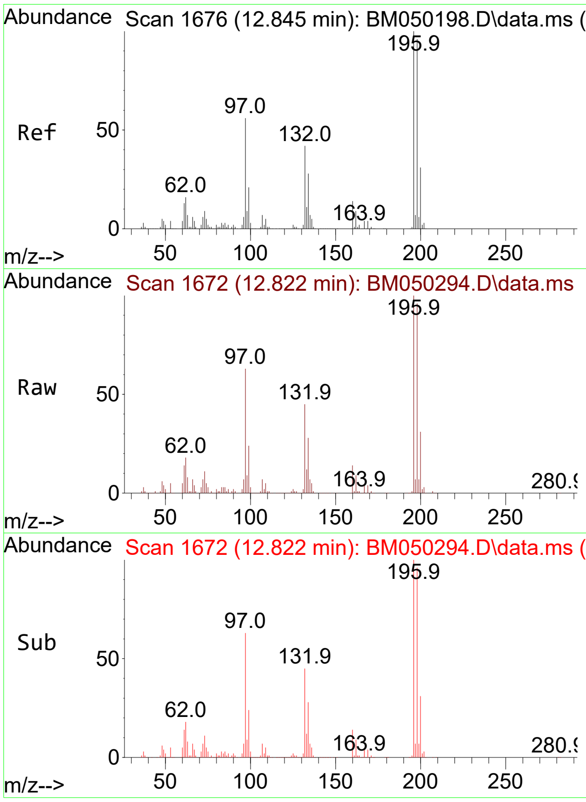
#42
2,4,6-Tribromophenol
Concen: 83.963 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:330 Resp: 935993

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.5	116.3
141	36.7	28.8	43.2



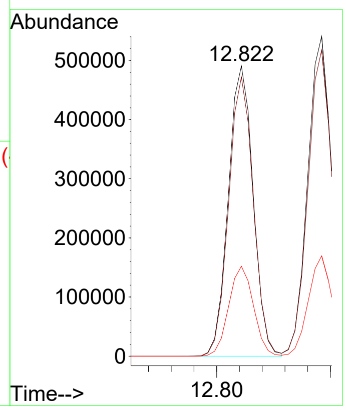
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

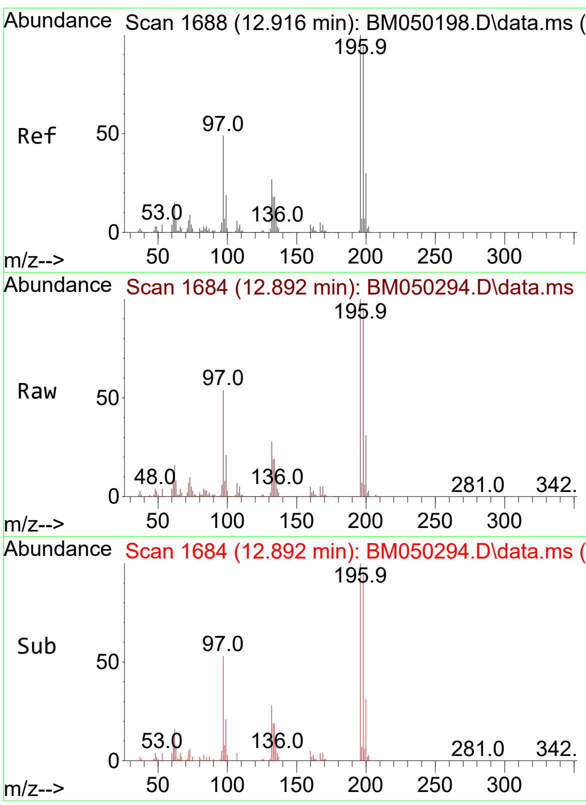


#43
2,4,6-Trichlorophenol
Concen: 40.067 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:196 Resp: 745681

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.6	115.0
200	31.0	24.5	36.7

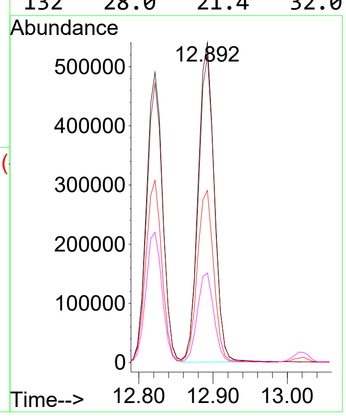




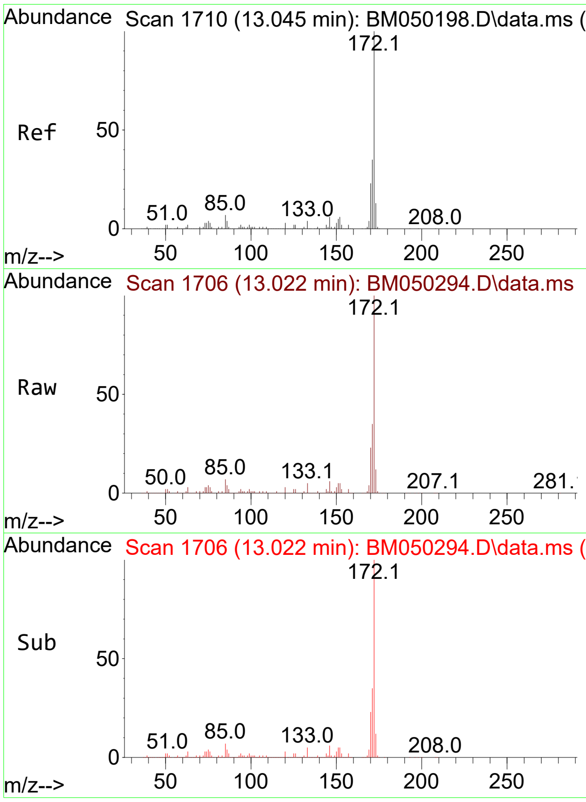
#44
2,4,5-Trichlorophenol
Concen: 39.954 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:196 Resp: 816412

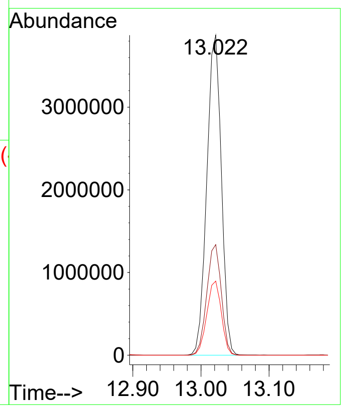
Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.1	114.1
97	53.8	39.3	58.9
132	28.0	21.4	32.0

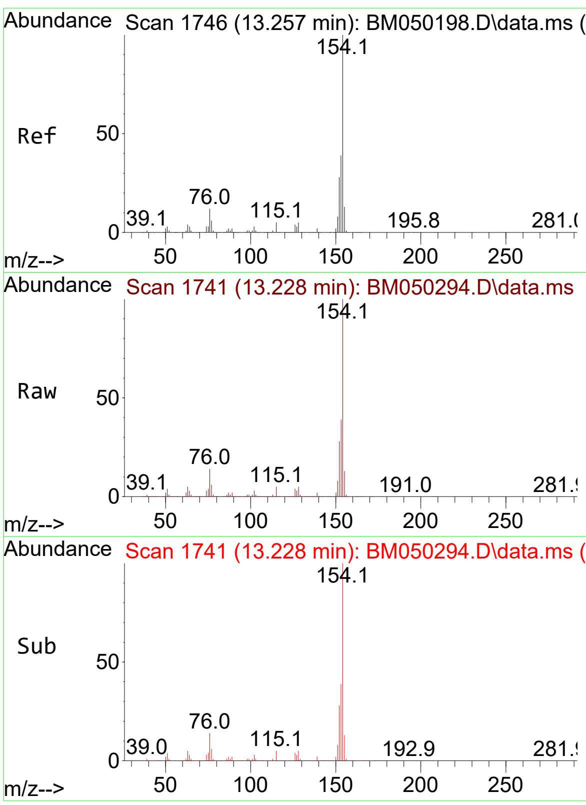


Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

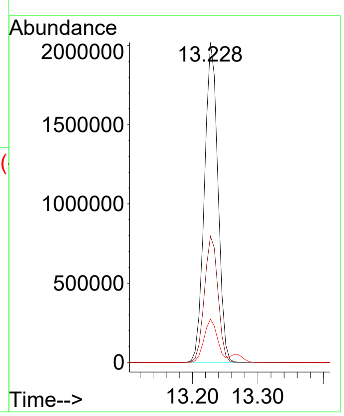



```
#45
2-Fluorobiphenyl
Concen:   79.573 ng
RT:  13.022 min  Scan# 1
Delta R.T.   -0.006 min
Lab File:    BM050294.D
Acq: 12 Jun 2025  04:31

Tgt Ion:172 Resp: 5760411
Ion  Ratio  Lower  Upper
172  100
171   34.6   27.8   41.6
170   23.2   18.6   27.8
```

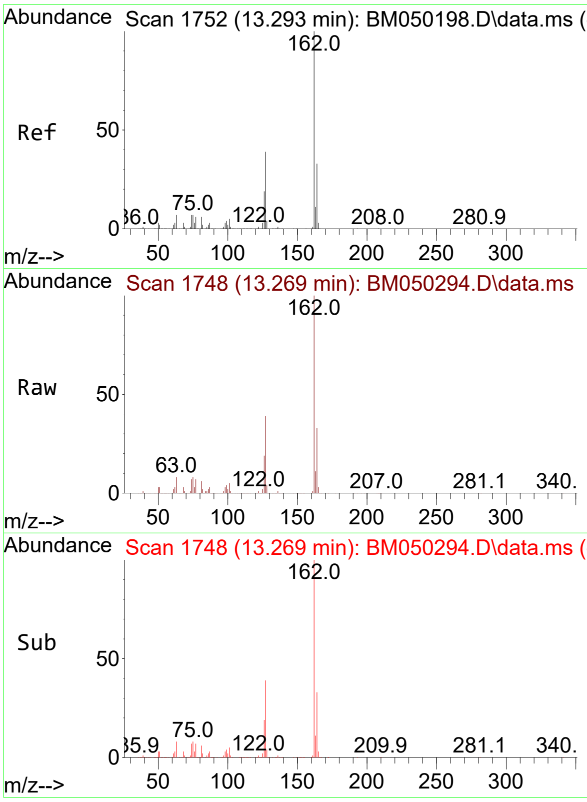





```
#46
1,1'-Biphenyl
Concen:   39.474 ng
RT:  13.228 min  Scan# 1741
Delta R.T.   -0.006 min
Lab File:    BM050294.D
Acq: 12 Jun 2025  04:31

Tgt Ion:154 Resp: 2896871
Ion  Ratio  Lower  Upper
154  100
153   39.5   19.2   59.2
 76   13.6    0.0   32.0
```



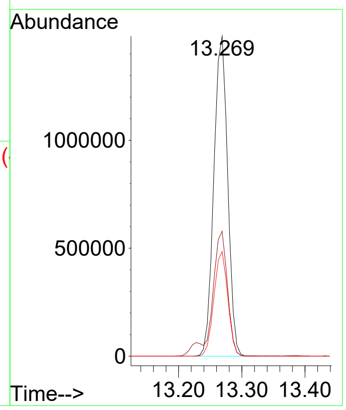
Instrument : BNA_M
ClientSampleId : SSTDCCC040

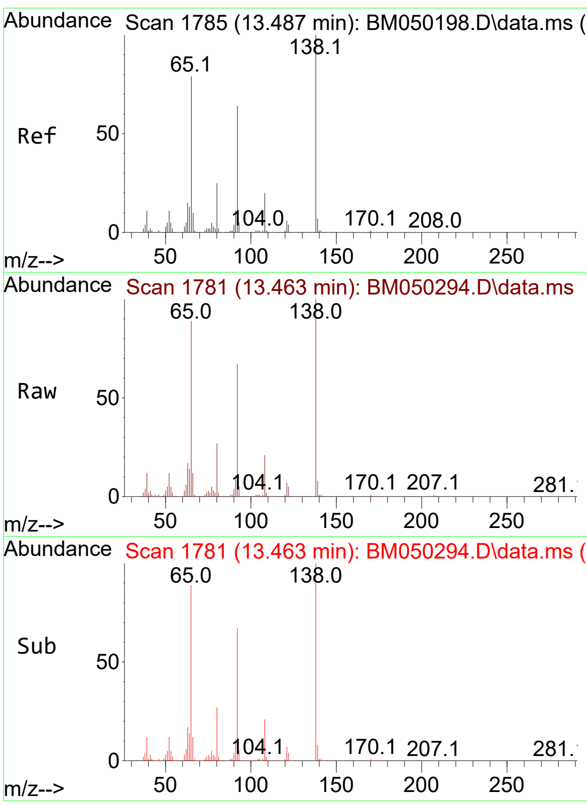


#47
2-Chloronaphthalene
Concen: 39.607 ng
RT: 13.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:162 Resp: 2259721

Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.1	46.7
164	32.7	26.5	39.7

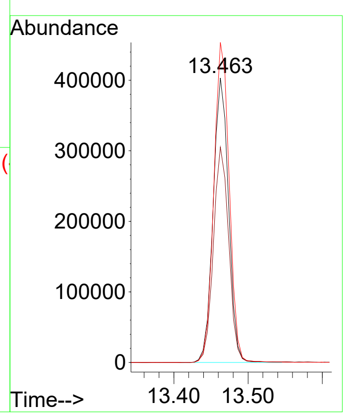




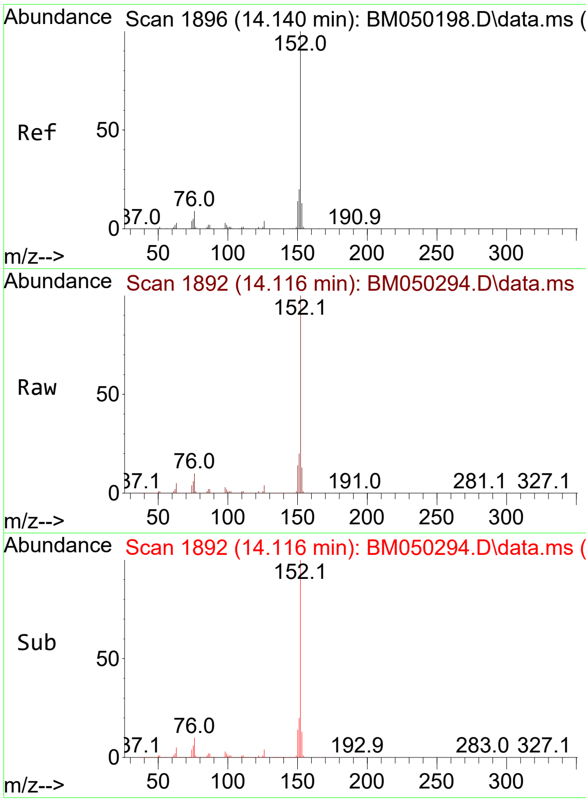
#48
2-Nitroaniline
Concen: 46.487 ng
RT: 13.463 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 65 Resp: 583662

Ion	Ratio	Lower	Upper
65	100		
92	75.7	64.2	96.4
138	112.5	101.0	151.4



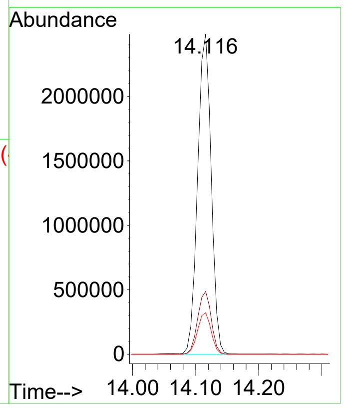
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

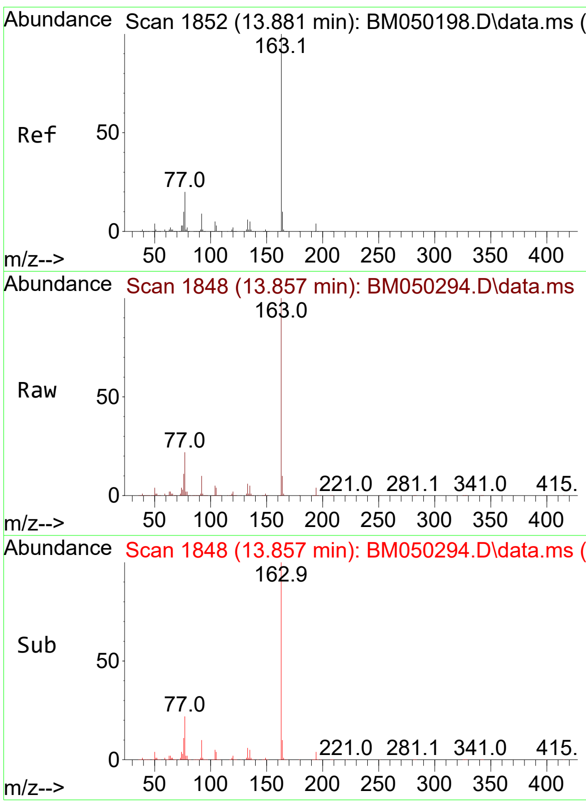


#49
Acenaphthylene
Concen: 40.140 ng
RT: 14.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:152 Resp: 3704150

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.4	15.6

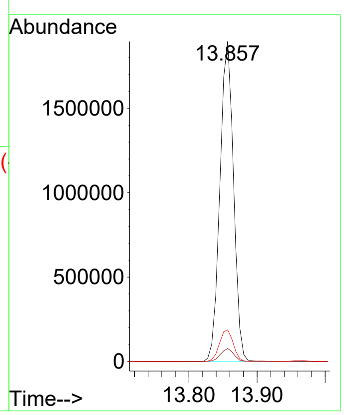




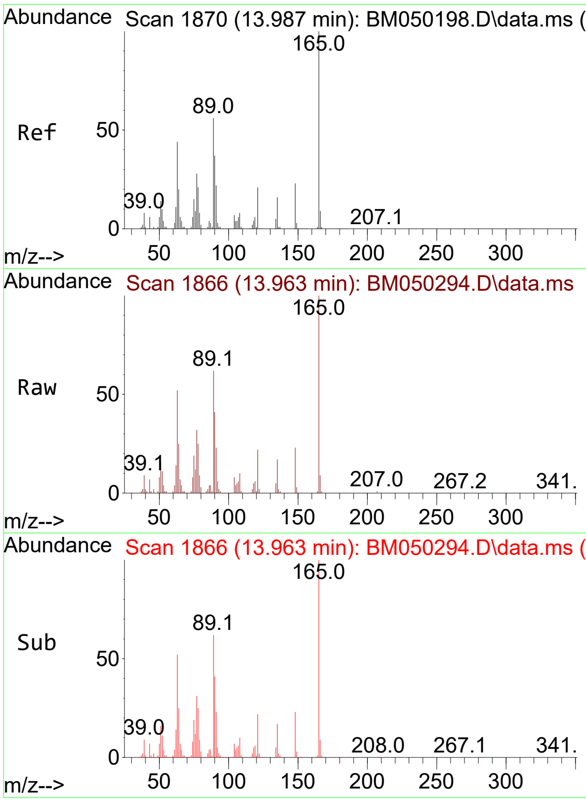
#50
Dimethylphthalate
Concen: 39.826 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:163 Resp: 2639763

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	7.9	11.9



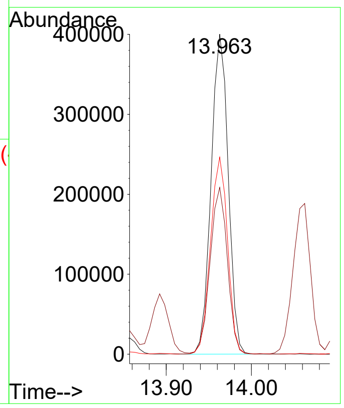
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

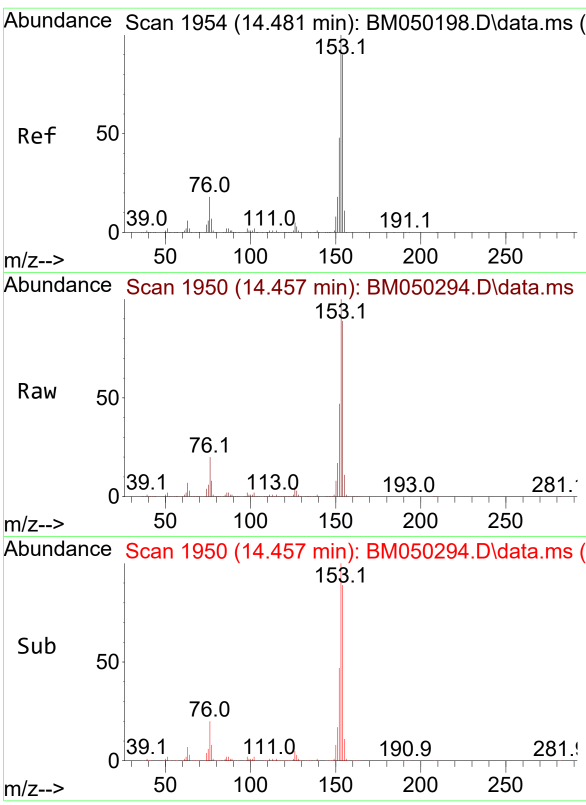


#51
2,6-Dinitrotoluene
Concen: 41.715 ng
RT: 13.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:165 Resp: 557598

Ion	Ratio	Lower	Upper
165	100		
63	52.1	35.8	53.6
89	61.6	44.8	67.2

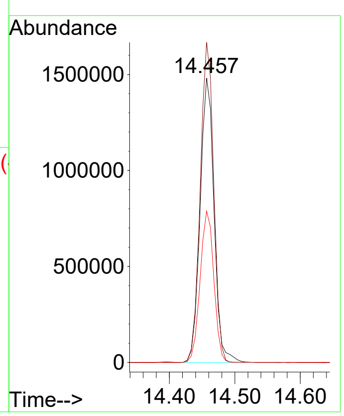




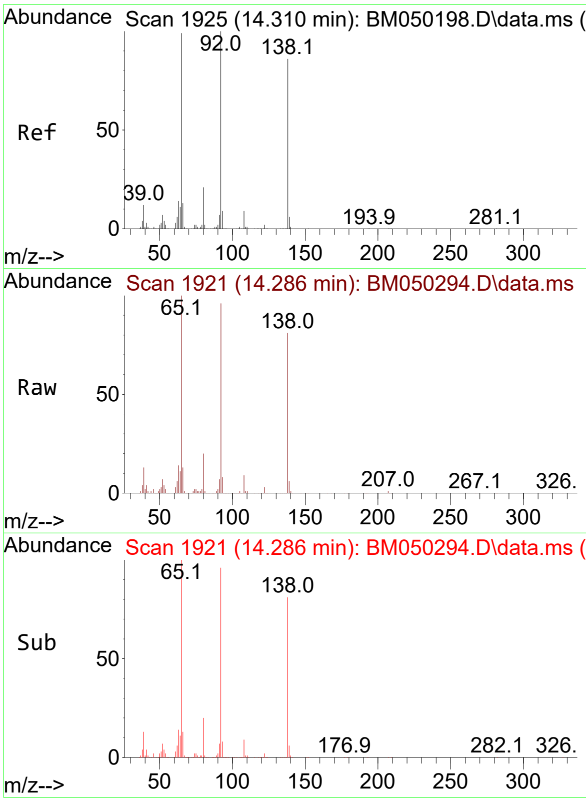
#52
Acenaphthene
Concen: 37.945 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:154 Resp: 2190170

Ion	Ratio	Lower	Upper
154	100		
153	112.5	88.7	133.1
152	53.1	42.6	63.8



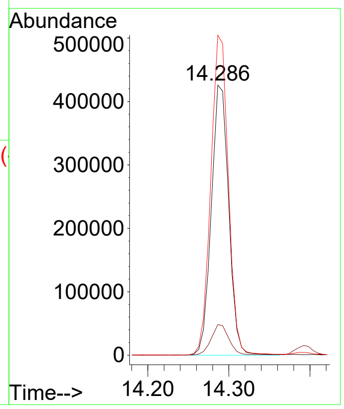
Instrument : BNA_M
ClientSampleId : SSTDCCC040

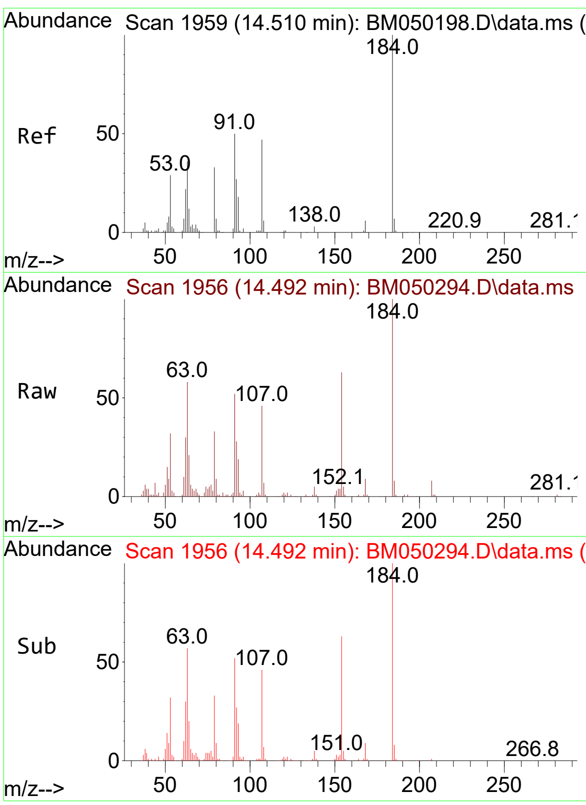


#53
3-Nitroaniline
Concen: 42.646 ng
RT: 14.286 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:138 Resp: 635321

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.8	13.2
92	118.5	92.9	139.3

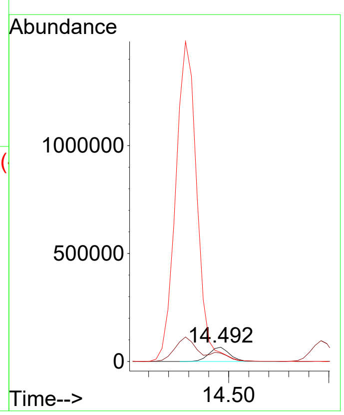




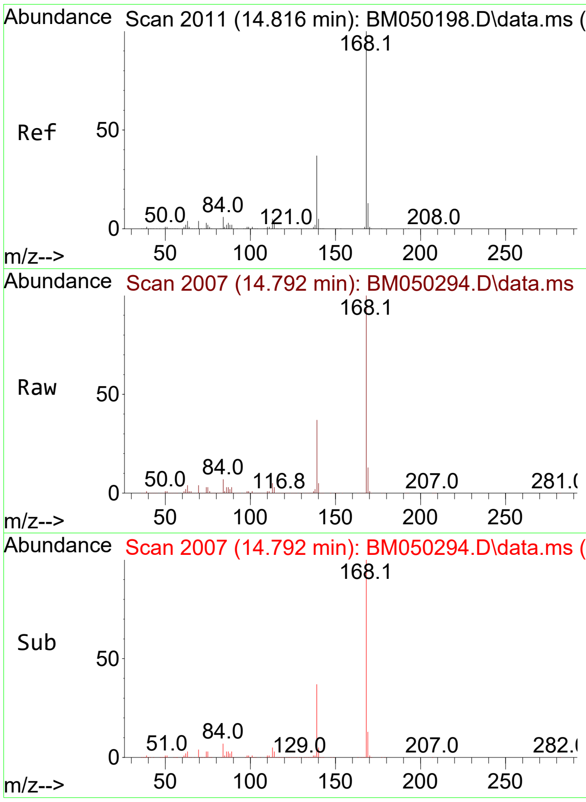
#54
2,4-Dinitrophenol
Concen: 15.700 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:184 Resp: 94849

Ion	Ratio	Lower	Upper
184	100		
63	58.3	45.3	67.9
154	63.2	54.3	81.5



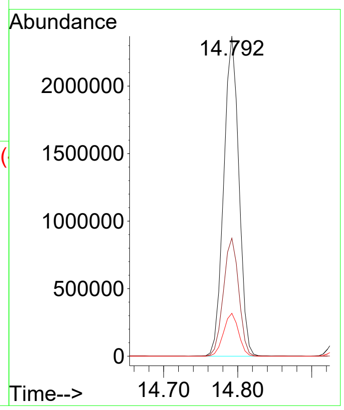
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

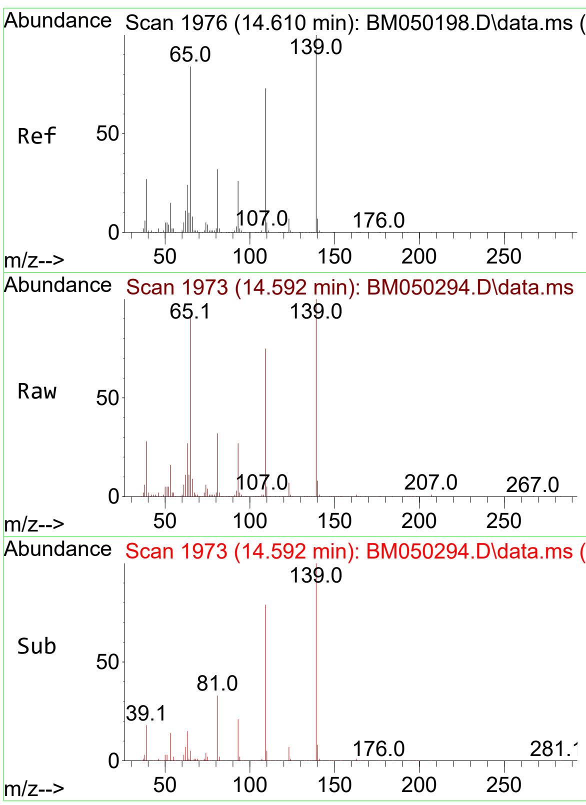


#55
Dibenzofuran
Concen: 40.013 ng
RT: 14.792 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:168 Resp: 3378810

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.9	44.9
169	13.4	10.6	16.0

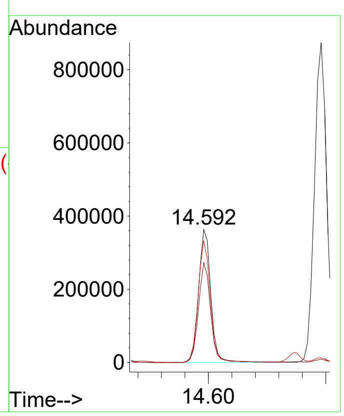




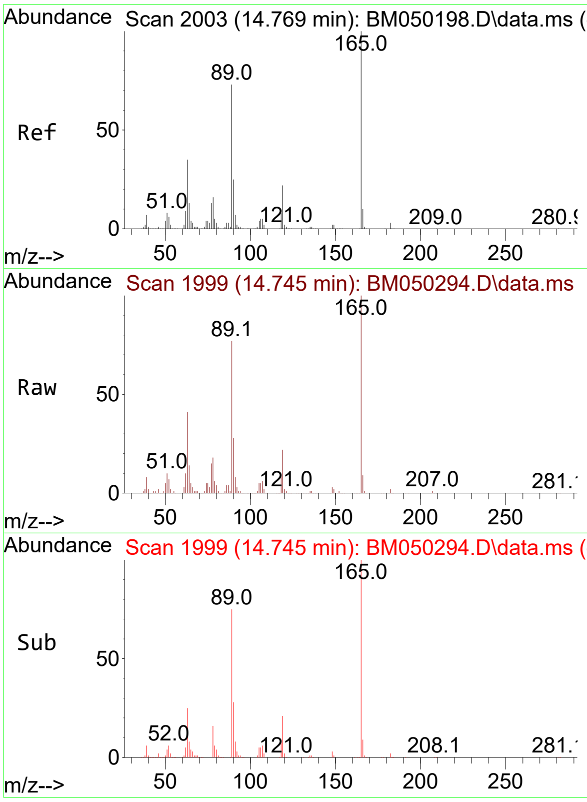
#56
4-Nitrophenol
Concen: 41.526 ng
RT: 14.592 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:139 Resp: 526535

Ion	Ratio	Lower	Upper
139	100		
109	75.2	52.6	92.6
65	91.5	64.3	104.3



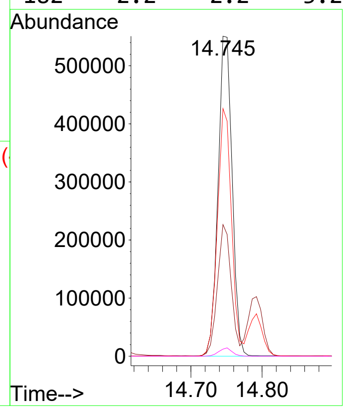
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

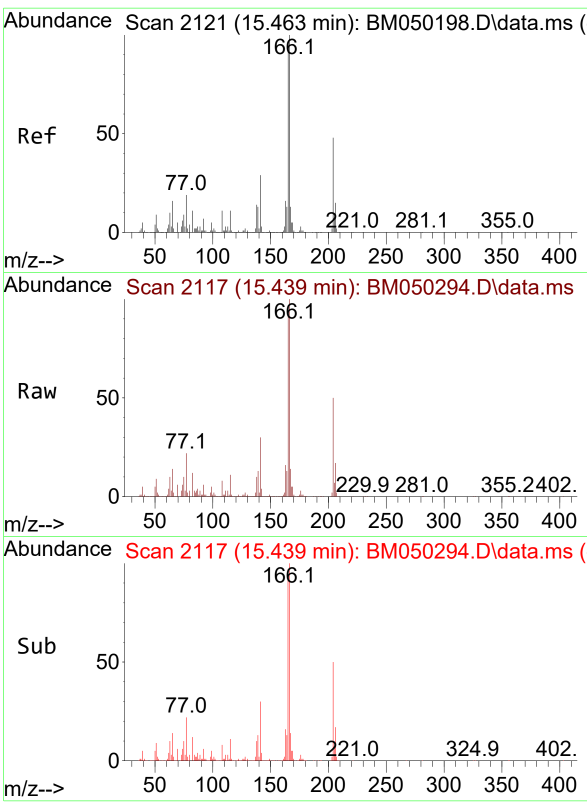


#57
2,4-Dinitrotoluene
Concen: 42.966 ng
RT: 14.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:165 Resp: 757615

Ion	Ratio	Lower	Upper
165	100		
63	41.1	28.4	42.6
89	77.4	58.0	87.0
182	2.2	2.2	3.2

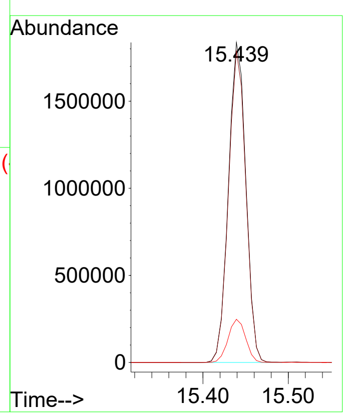




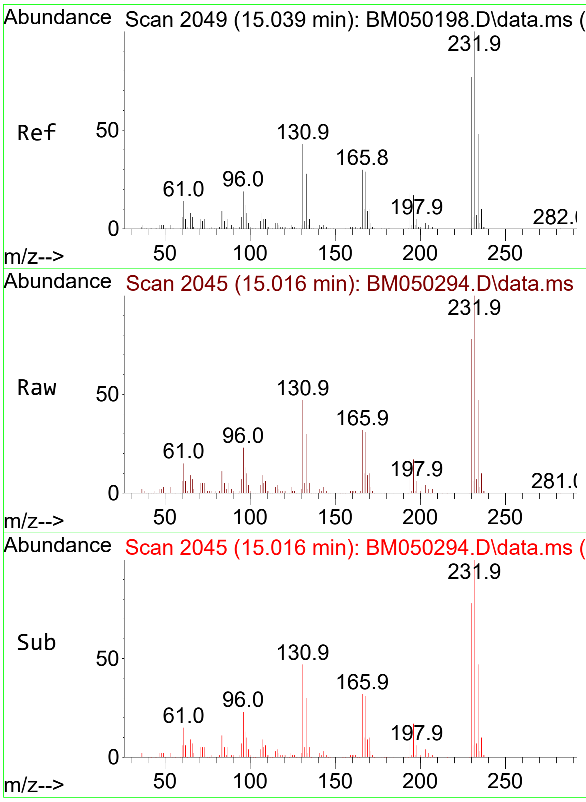
#58
Fluorene
Concen: 40.421 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:166 Resp: 2614269

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.0	115.4
167	13.5	10.7	16.1



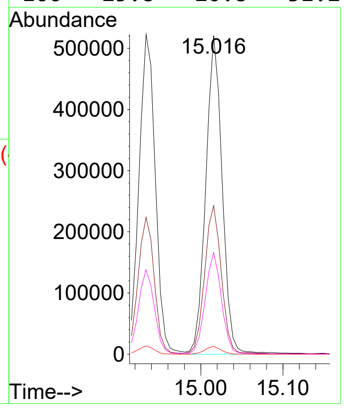
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

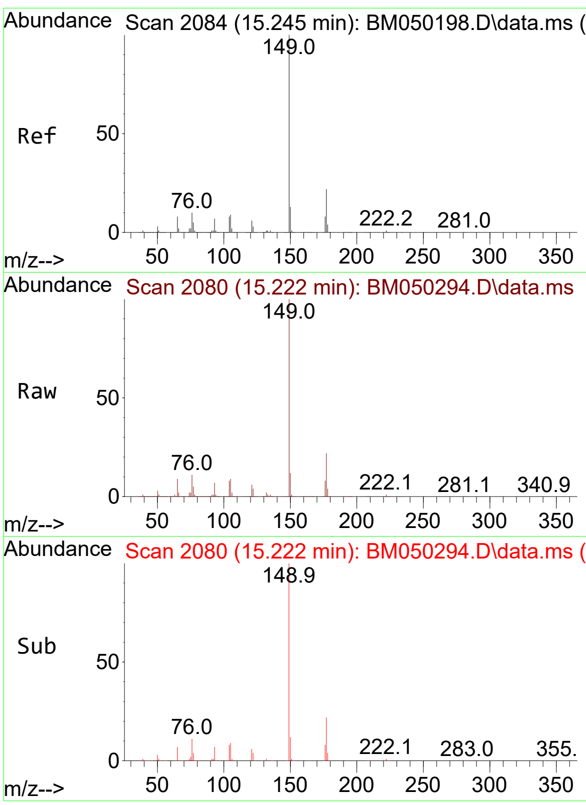


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.106 ng m
RT: 15.016 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:232 Resp: 726707

Ion	Ratio	Lower	Upper
232	100		
131	42.4	32.9	49.3
130	2.5	1.8	2.8
166	25.8	20.8	31.2

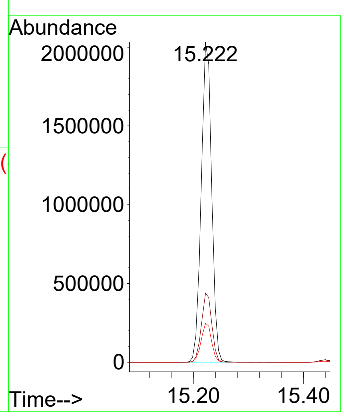




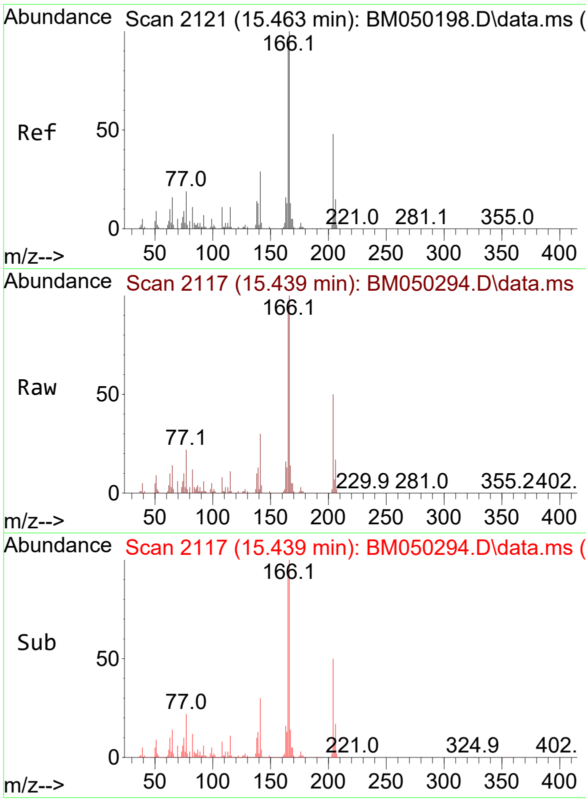
#60
Diethylphthalate
Concen: 40.848 ng
RT: 15.222 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:149 Resp: 2686385

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.2	25.8
150	12.2	10.0	15.0



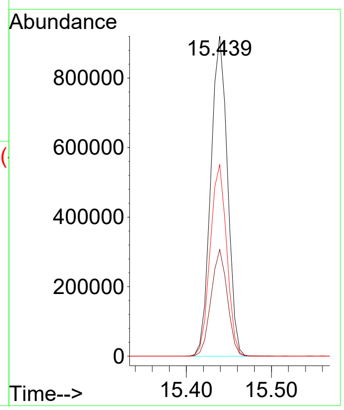
Instrument : BNA_M
ClientSampleId : SSTDCCC040

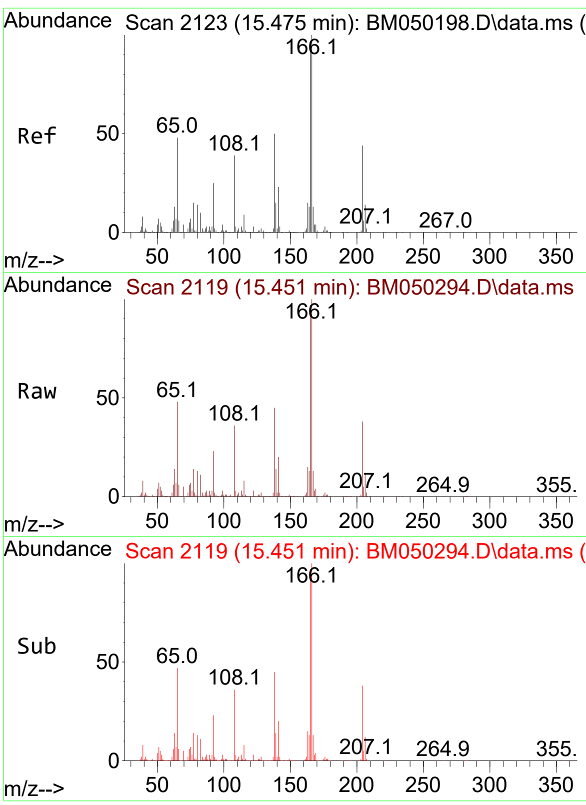


#61
4-Chlorophenyl-phenylether
Concen: 40.184 ng
RT: 15.439 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:204 Resp: 1256083

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.4	38.0
141	59.8	47.9	71.9

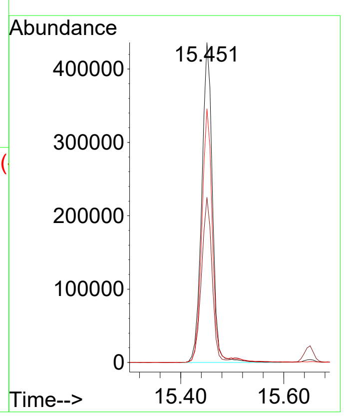




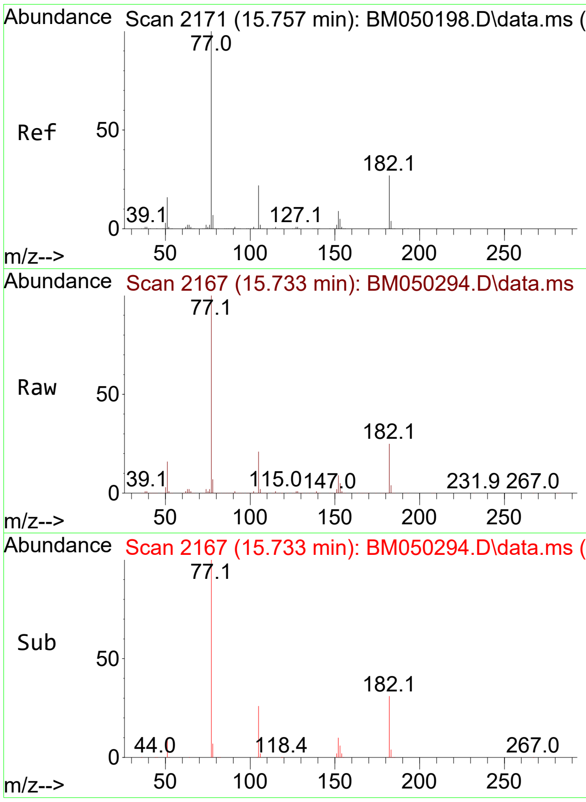
#62
4-Nitroaniline
Concen: 45.016 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:138 Resp: 628549

Ion	Ratio	Lower	Upper
138	100		
92	51.6	28.8	68.8
108	79.3	58.1	98.1



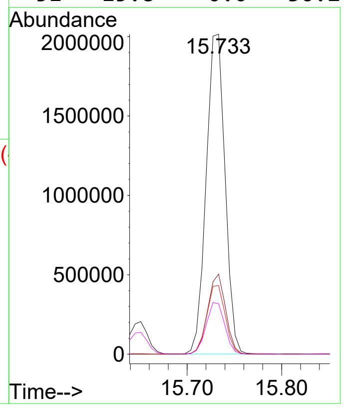
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

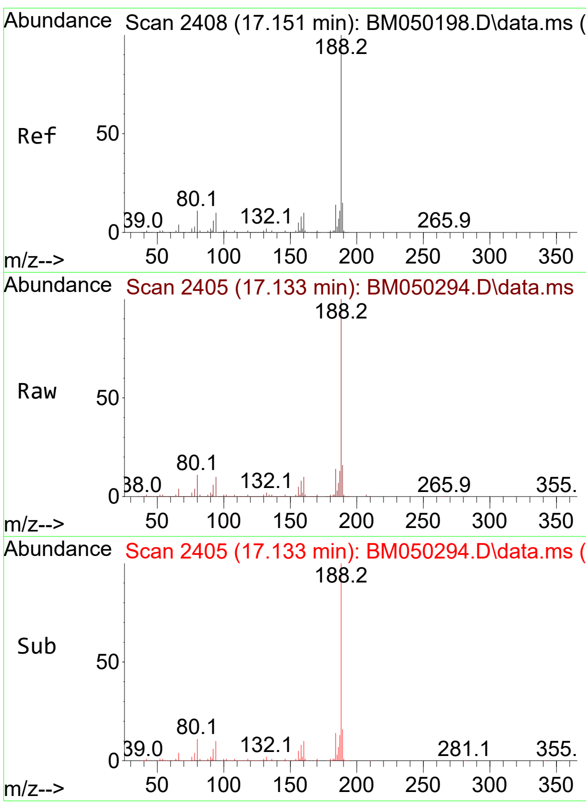


#63
Azobenzene
Concen: 42.585 ng
RT: 15.733 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion: 77 Resp: 2799249

Ion	Ratio	Lower	Upper
77	100		
182	25.0	6.8	46.8
105	21.4	1.7	41.7
51	15.8	0.0	36.2

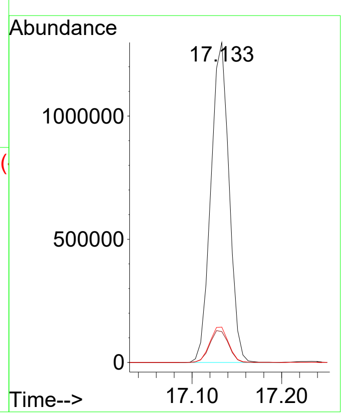




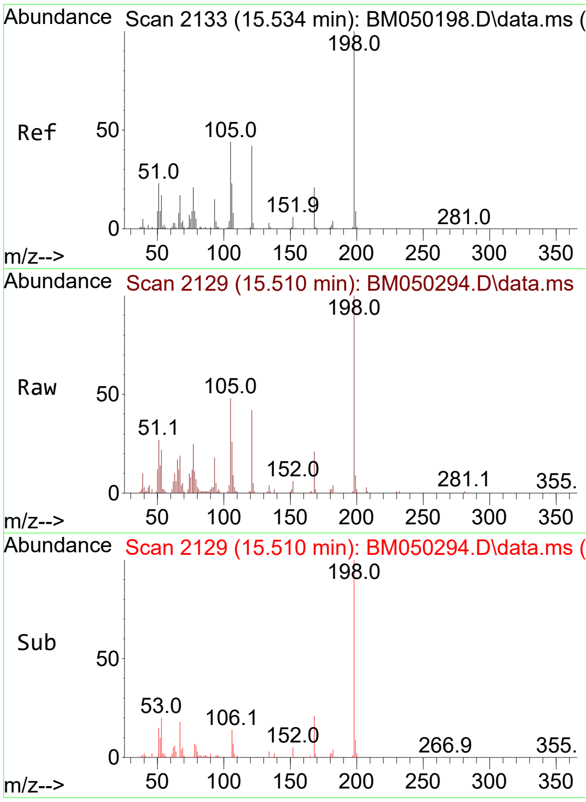
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:188 Resp: 1834301

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.1	12.1
80	11.1	8.6	13.0



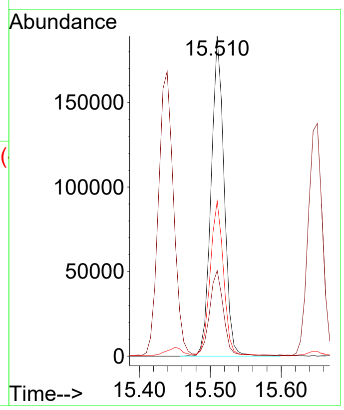
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

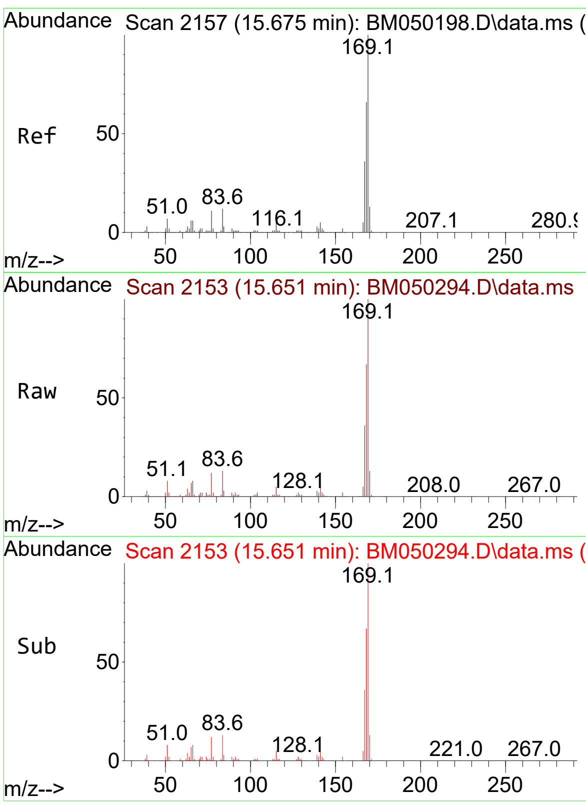


#65
4,6-Dinitro-2-methylphenol
Concen: 24.167 ng
RT: 15.510 min Scan# 2
Delta R.T.   -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:198 Resp: 242118

Ion	Ratio	Lower	Upper
198	100		
51	26.7	4.5	44.5
105	48.5	24.9	64.9

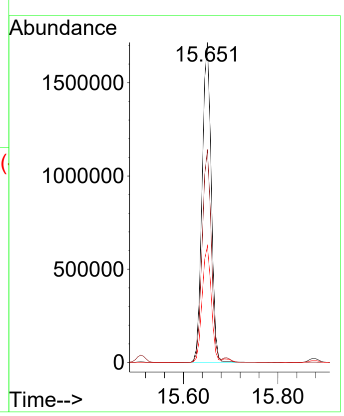




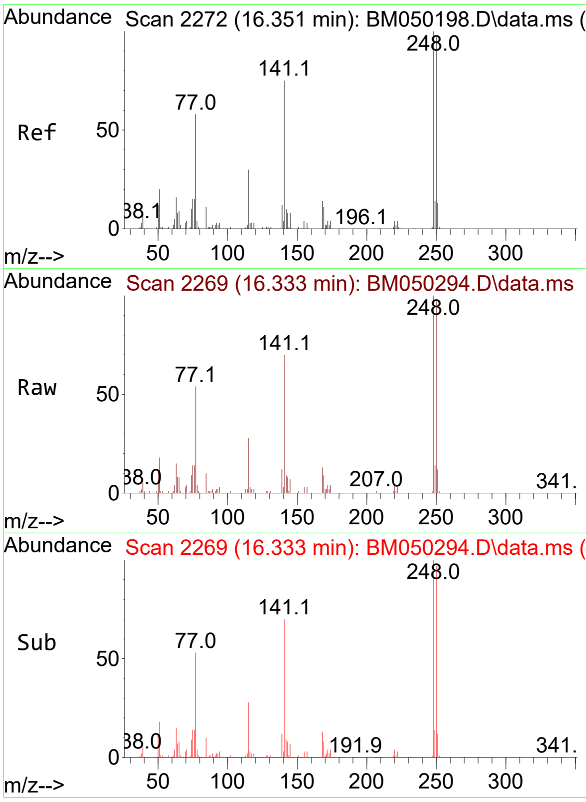
#66
n-Nitrosodiphenylamine
Concen: 39.863 ng
RT: 15.651 min Scan# 2153
Delta R.T.   -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:169 Resp: 2297493

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.1	79.7
167	36.4	29.0	43.6



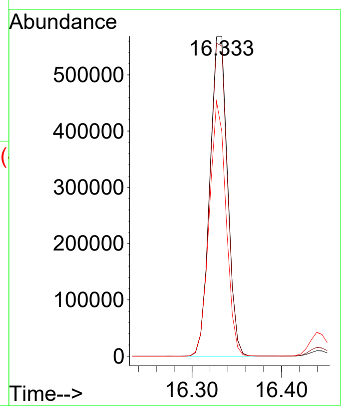
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

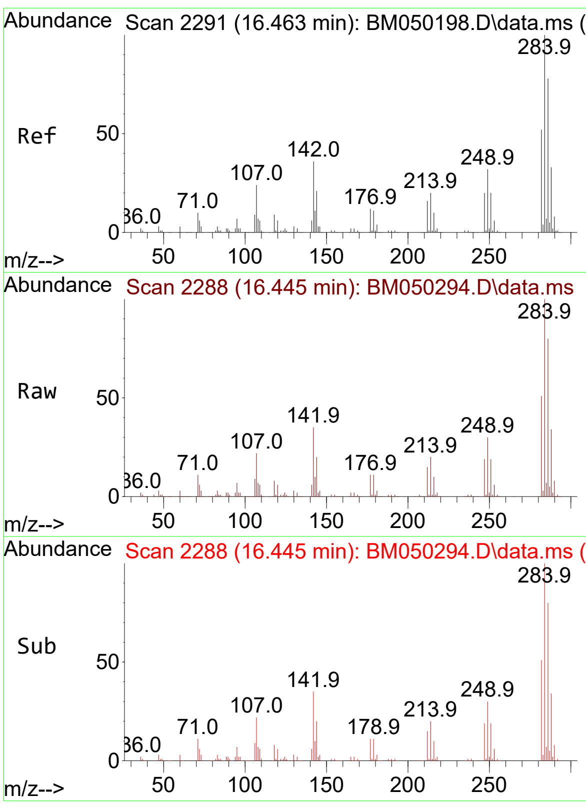


#67
4-Bromophenyl-phenylether
Concen: 39.937 ng
RT: 16.333 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:248 Resp: 781191

Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.0	117.0
141	70.1	60.1	90.1

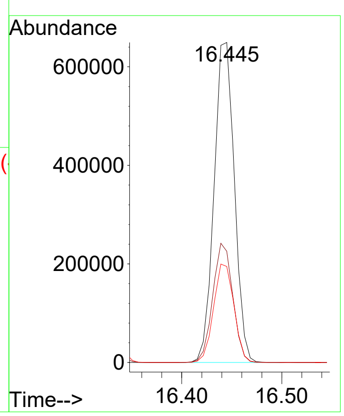




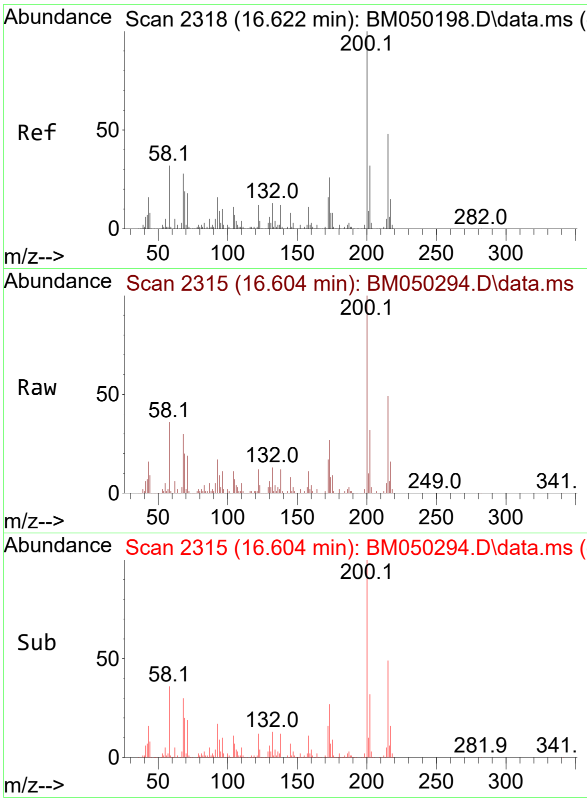
#68
Hexachlorobenzene
Concen: 40.121 ng
RT: 16.445 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:284 Resp: 916924

Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.8	43.2
249	30.0	25.8	38.6



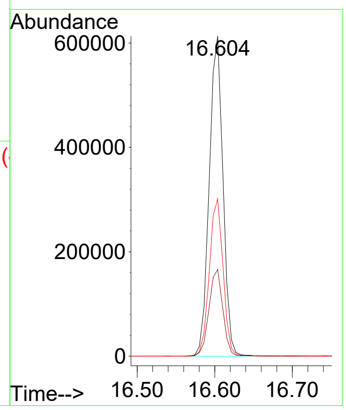
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

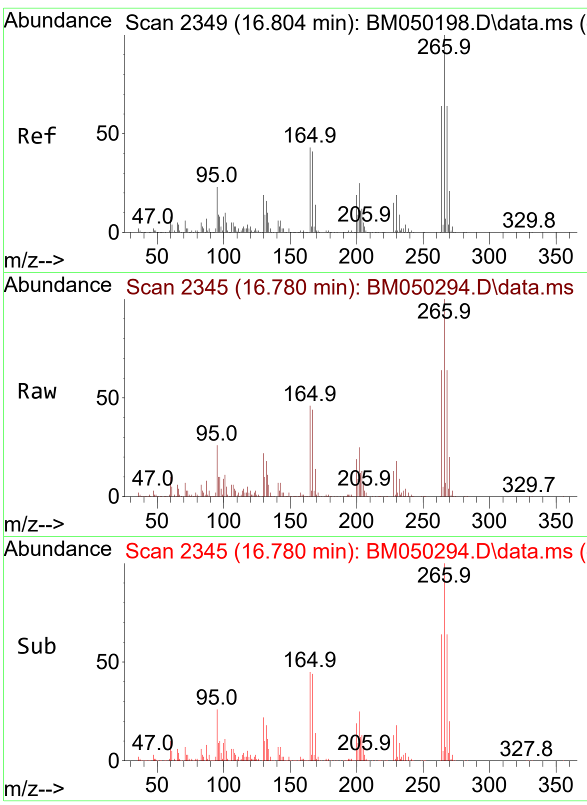


#69
Atrazine
Concen: 41.184 ng
RT: 16.604 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:200 Resp: 756312

Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.0	46.0
215	49.2	28.1	68.1

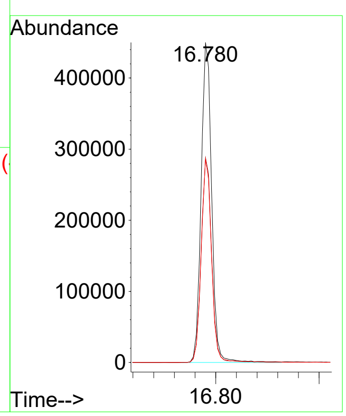




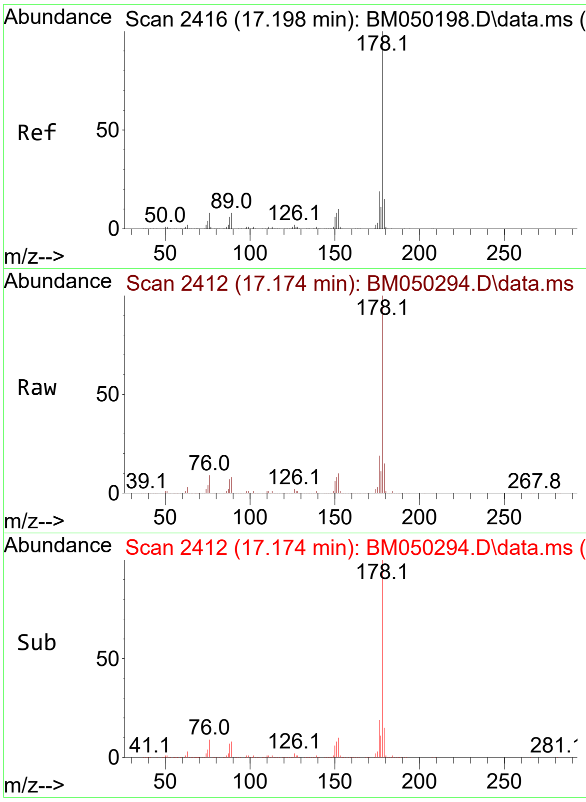
#70
Pentachlorophenol
Concen: 42.836 ng
RT: 16.780 min Scan# 2345
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:266 Resp: 636473

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.0	76.6
264	63.7	50.8	76.2



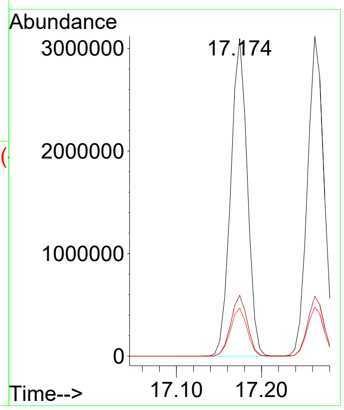
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

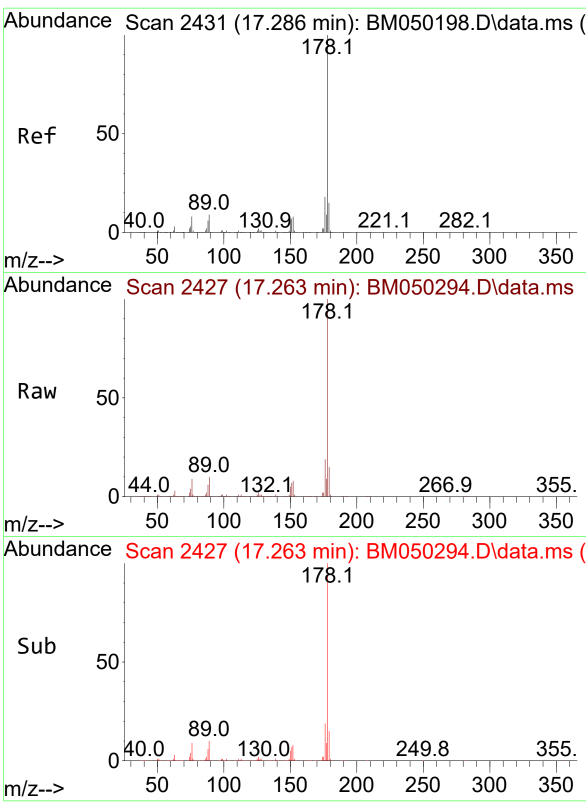


#71
Phenanthrene
Concen: 40.058 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:178 Resp: 4197547

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.1	12.3	18.5

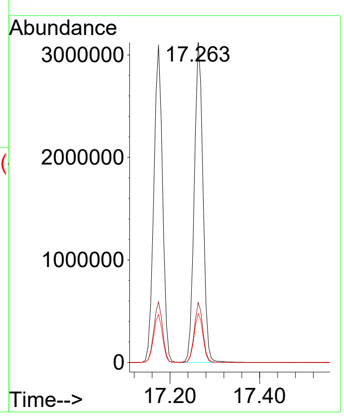




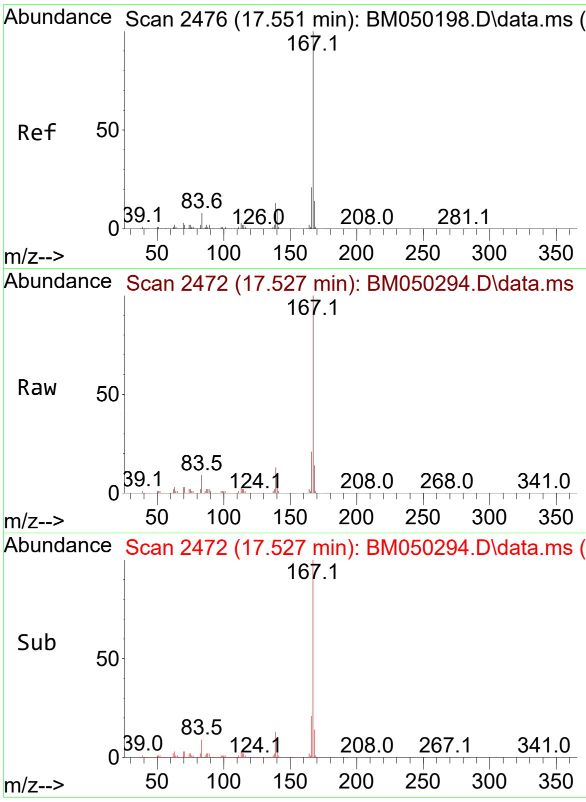
#72
Anthracene
Concen: 40.290 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:178 Resp: 4223559

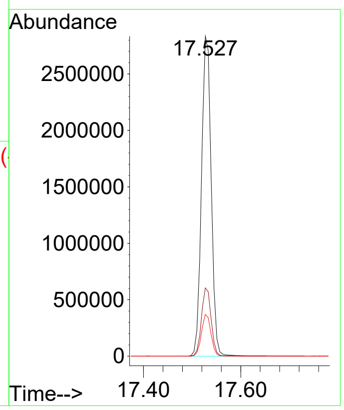
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.3	12.3	18.5

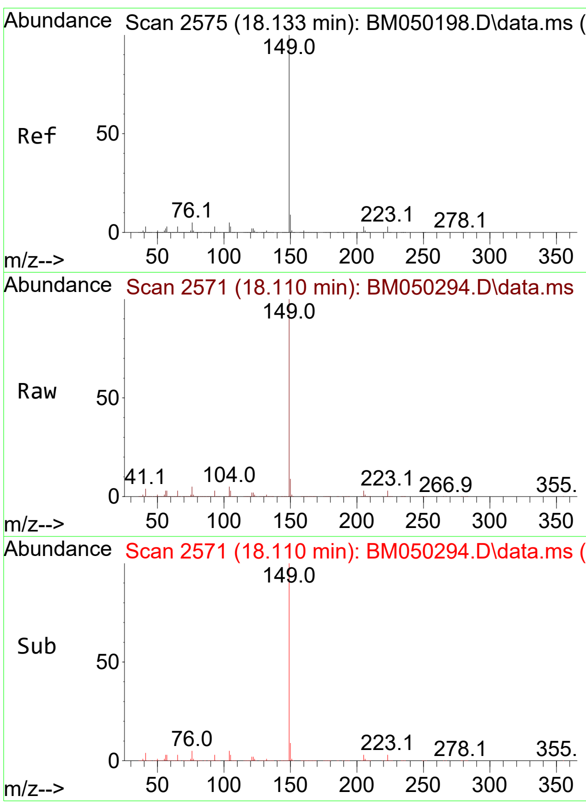


Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

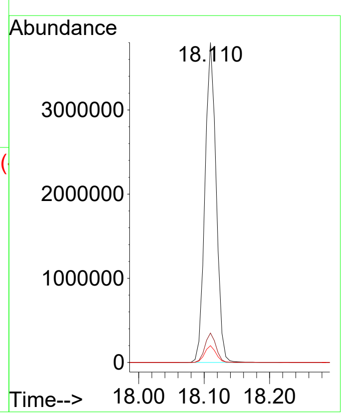



```
#73
Carbazole
Concen:   41.318 ng
RT:  17.527 min  Scan# 24
Delta R.T.  -0.006 min
Lab File:   BM050294.D
Acq: 12 Jun 2025  04:31

Tgt Ion:167 Resp: 3945955
Ion  Ratio  Lower  Upper
167  100
166   21.3   17.0   25.6
139   13.0   10.2   15.4
```

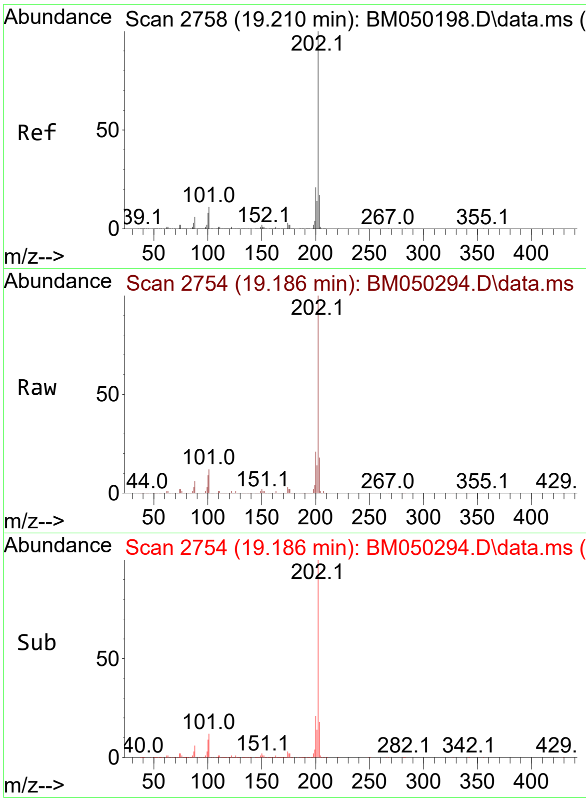





```
#74
Di-n-butylphthalate
Concen:   43.558 ng
RT:  18.110 min  Scan# 2571
Delta R.T.  -0.006 min
Lab File:   BM050294.D
Acq: 12 Jun 2025  04:31

Tgt Ion:149 Resp: 4526219
Ion  Ratio  Lower  Upper
149  100
150    9.2    7.4   11.0
104    5.3    4.0    6.0
```



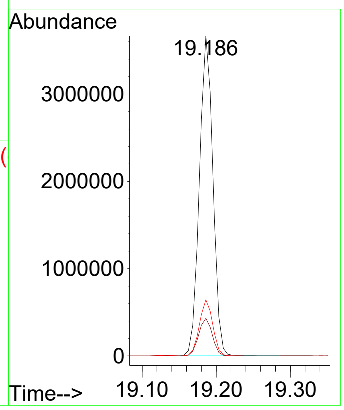
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

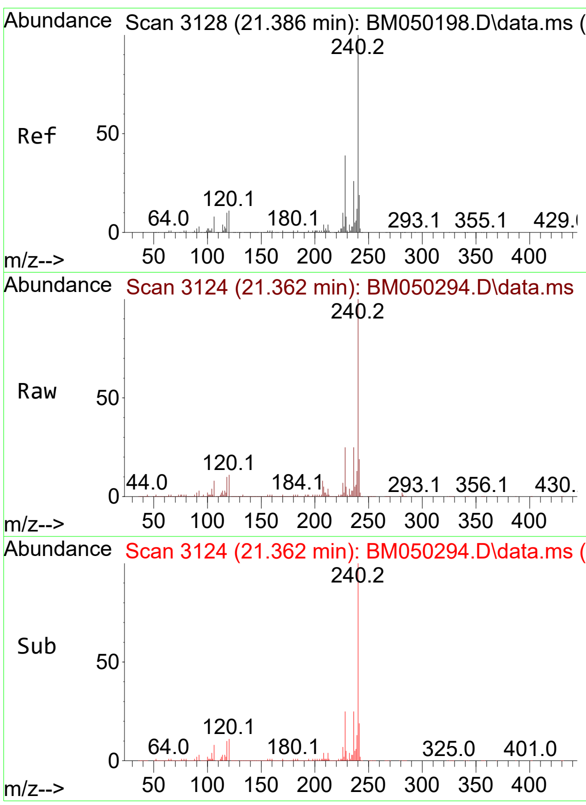


#75
Fluoranthene
Concen: 42.087 ng
RT: 19.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:202 Resp: 4650842

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.1
203	17.6	0.0	37.0

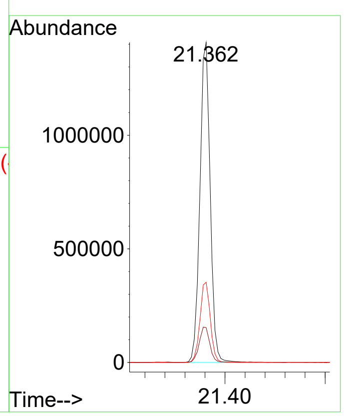




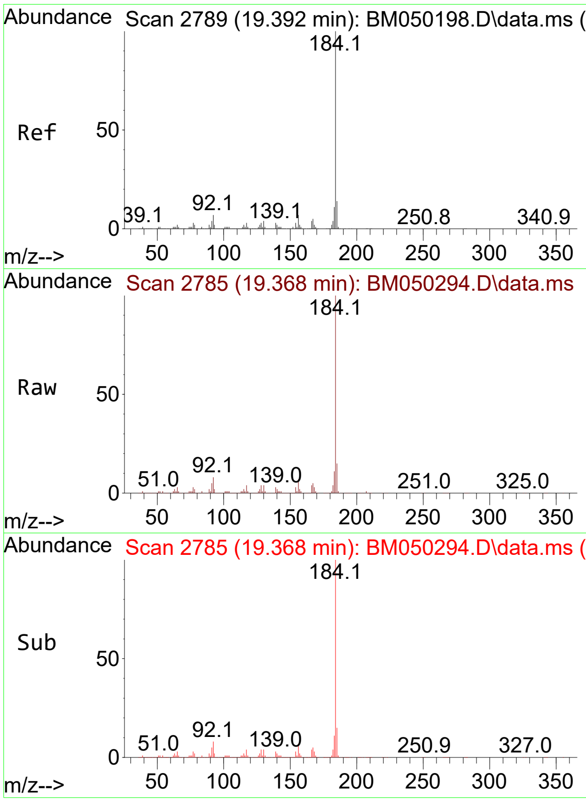
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:240 Resp: 2006119

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	25.1	20.7	31.1



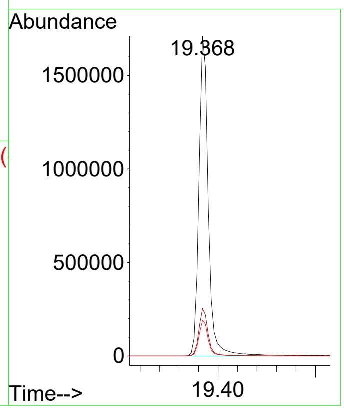
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

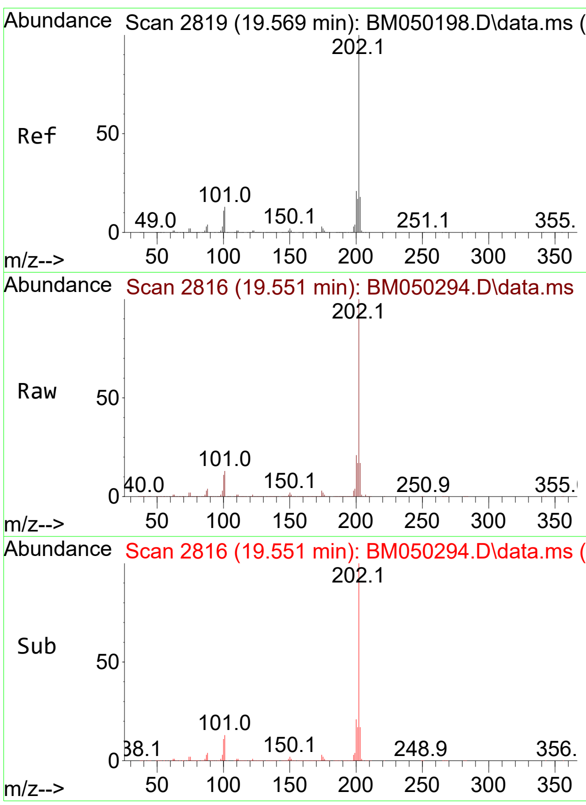


#77
Benzidine
Concen: 40.966 ng
RT: 19.368 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:184 Resp: 2311026

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.5	17.3
183	11.2	9.0	13.4

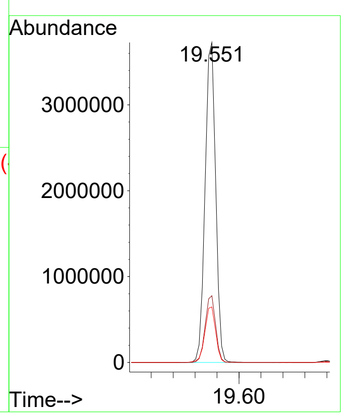




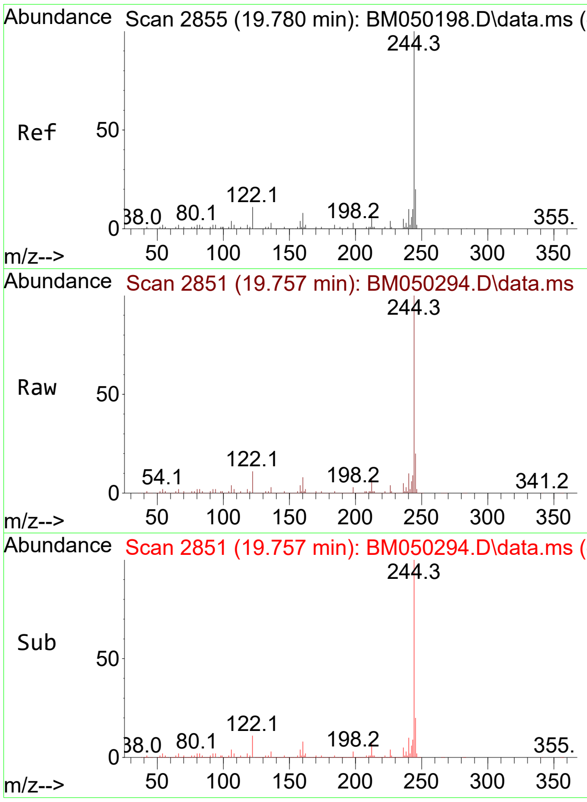
#78
Pyrene
Concen: 36.844 ng
RT: 19.551 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:202 Resp: 4981804

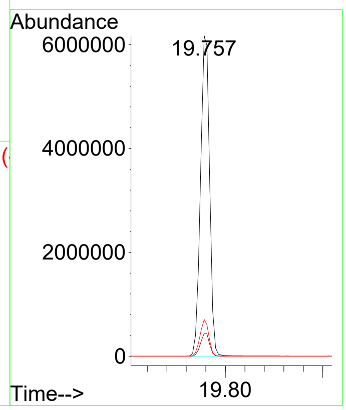
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.4	14.1	21.1

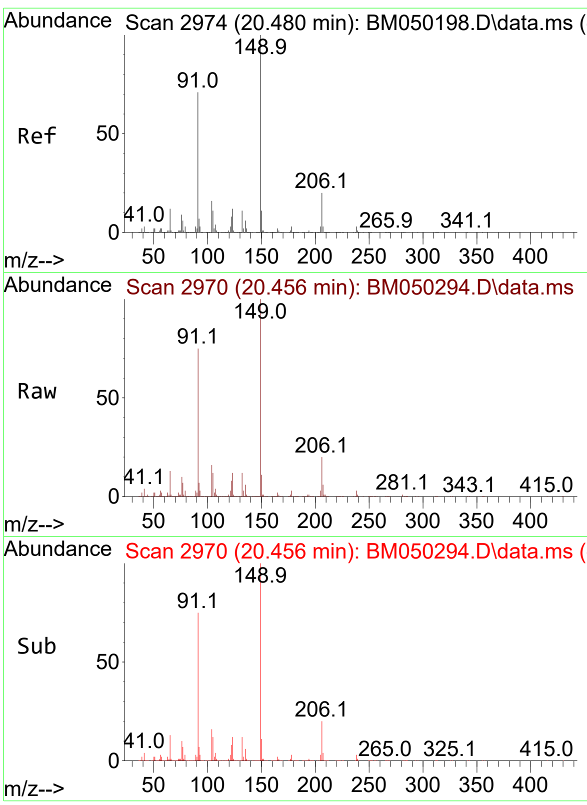


Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

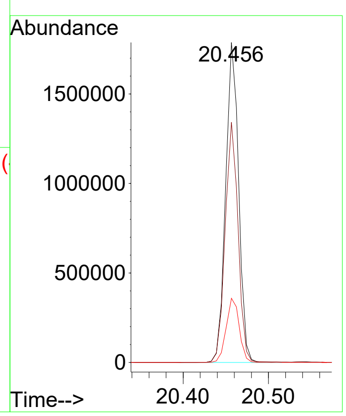



```
#79
Terphenyl-d14
Concen:   76.294 ng
RT:  19.757 min  Scan# 2
Delta R.T.  -0.012 min
Lab File:   BM050294.D
Acq: 12 Jun 2025  04:31

Tgt Ion:244 Resp: 8076672
Ion  Ratio  Lower  Upper
244  100
212    7.2    6.0    9.0
122   11.4    8.6   12.8
```

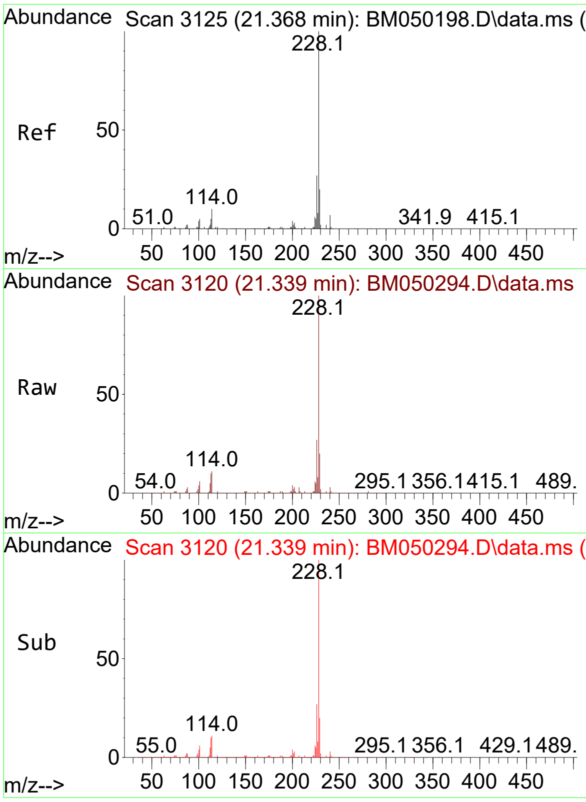





```
#80
Butylbenzylphthalate
Concen:   41.804 ng
RT:  20.456 min  Scan# 2970
Delta R.T.  -0.012 min
Lab File:   BM050294.D
Acq: 12 Jun 2025  04:31

Tgt Ion:149 Resp: 1885439
Ion  Ratio  Lower  Upper
149  100
 91   75.0   56.9   85.3
206   20.1   16.1   24.1
```



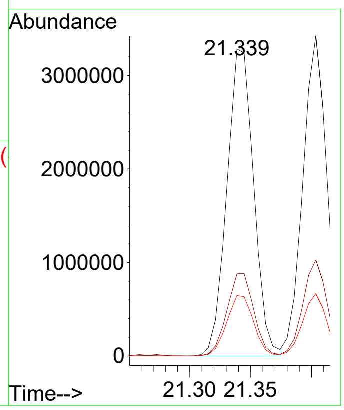
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

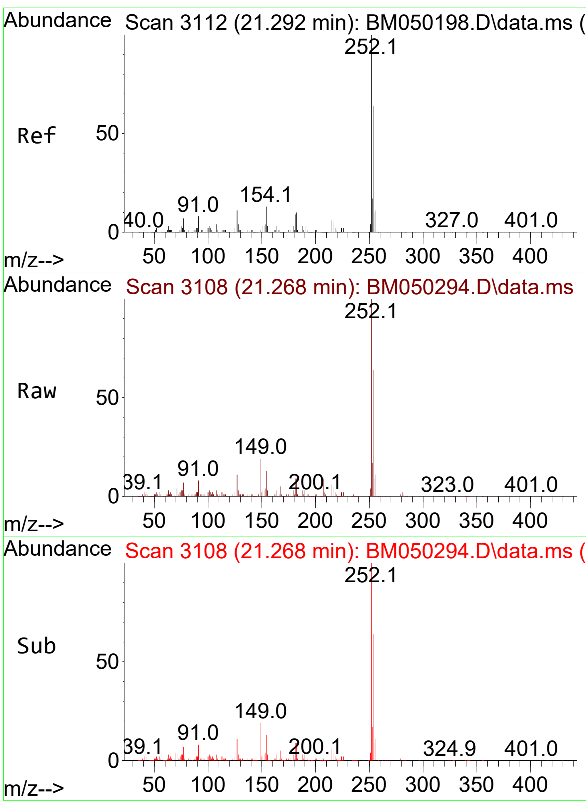


#81
Benzo(a)anthracene
Concen: 39.796 ng
RT: 21.339 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:228 Resp: 5053259

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.7	15.7	23.5

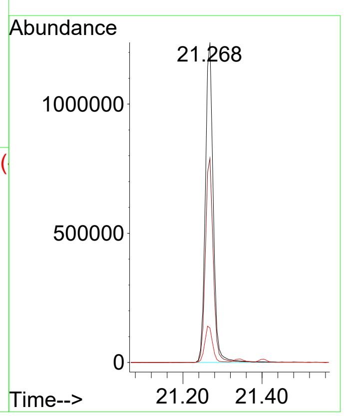




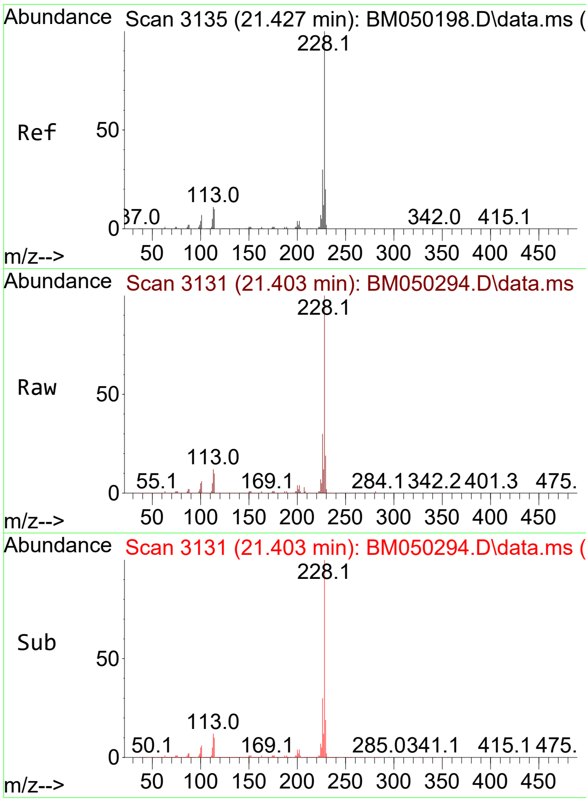
#82
3,3'-Dichlorobenzidine
Concen: 44.302 ng
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:252 Resp: 1715475

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.4	77.0
126	10.8	8.6	12.8



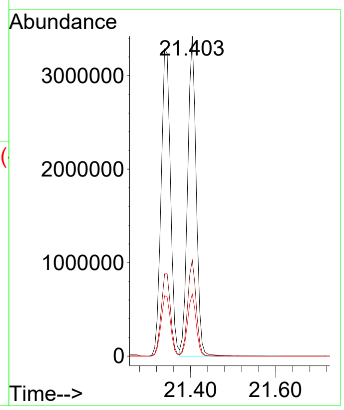
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

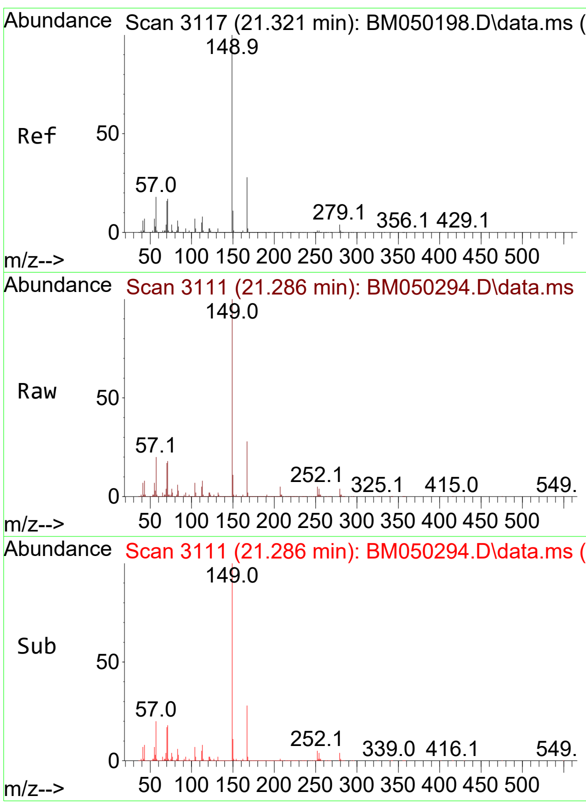


#83
Chrysene
Concen: 39.609 ng
RT: 21.403 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:228 Resp: 4784209

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.5	15.8	23.8

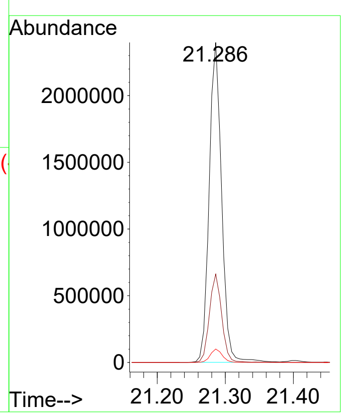




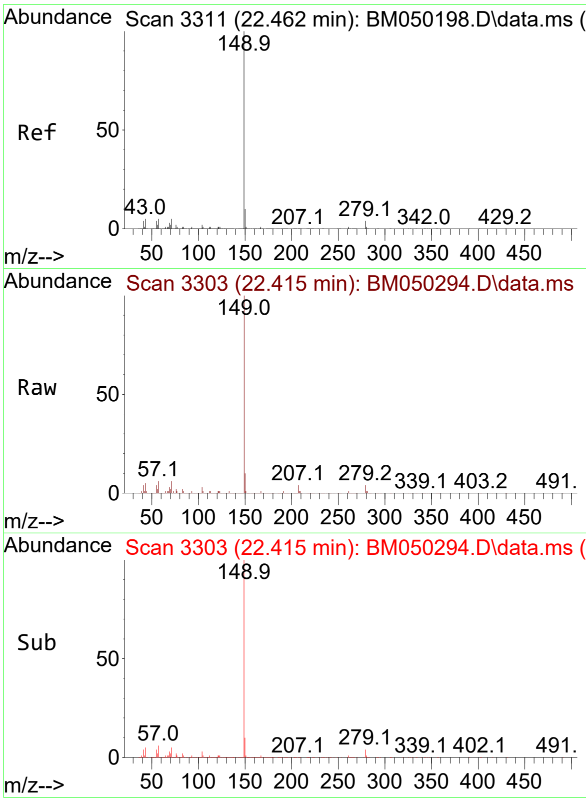
#84
Bis(2-ethylhexyl)phthalate
Concen: 43.831 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.017 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:149 Resp: 3045100

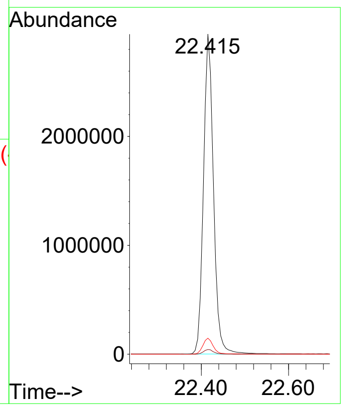
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.3	33.5
279	4.2	3.5	5.3

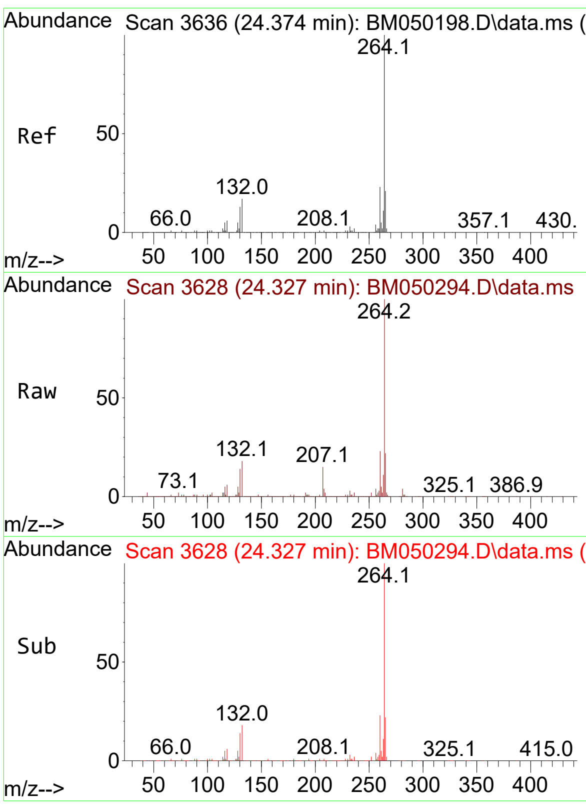


Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

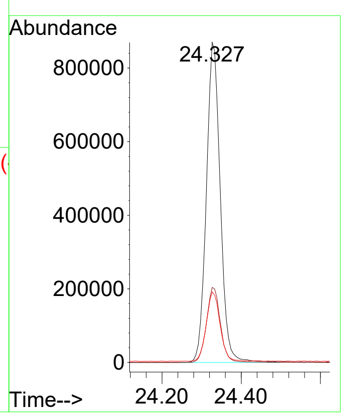



```
#85
Di-n-octyl phthalate
Concen:   45.556 ng
RT:  22.415 min  Scan# 3
Delta R.T.  -0.023 min
Lab File:   BM050294.D
Acq: 12 Jun 2025  04:31

Tgt Ion:149 Resp: 4696350
Ion  Ratio  Lower  Upper
149  100
167    1.5    1.2    1.8
 43    5.2    3.8    5.8
```

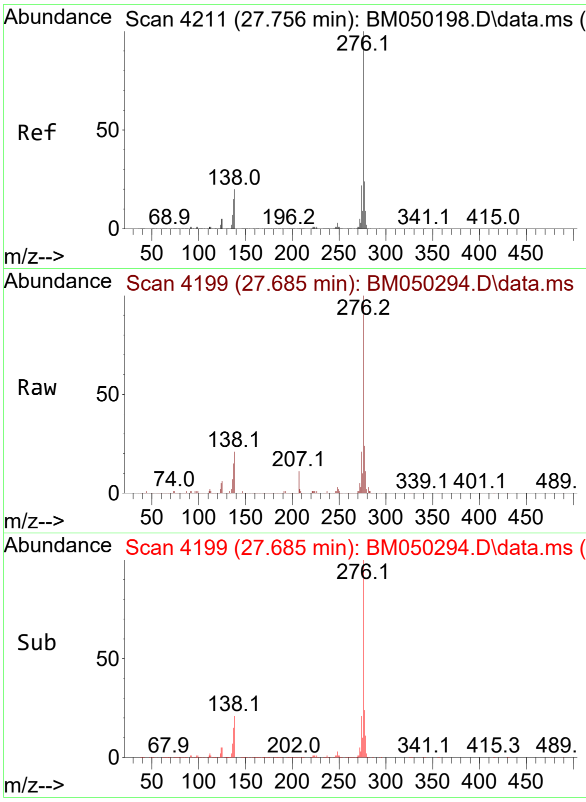





```
#86
Perylene-d12
Concen:   20.000 ng
RT:  24.327 min  Scan# 3628
Delta R.T.  -0.017 min
Lab File:   BM050294.D
Acq: 12 Jun 2025  04:31

Tgt Ion:264 Resp: 2127246
Ion  Ratio  Lower  Upper
264  100
260   23.4   18.6   28.0
265   22.1   16.8   25.2
```



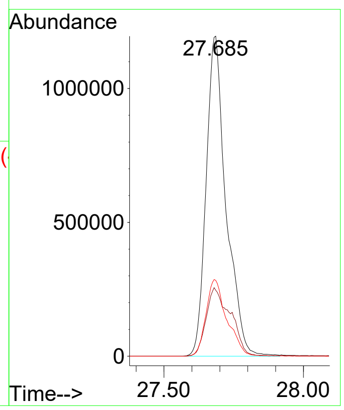
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

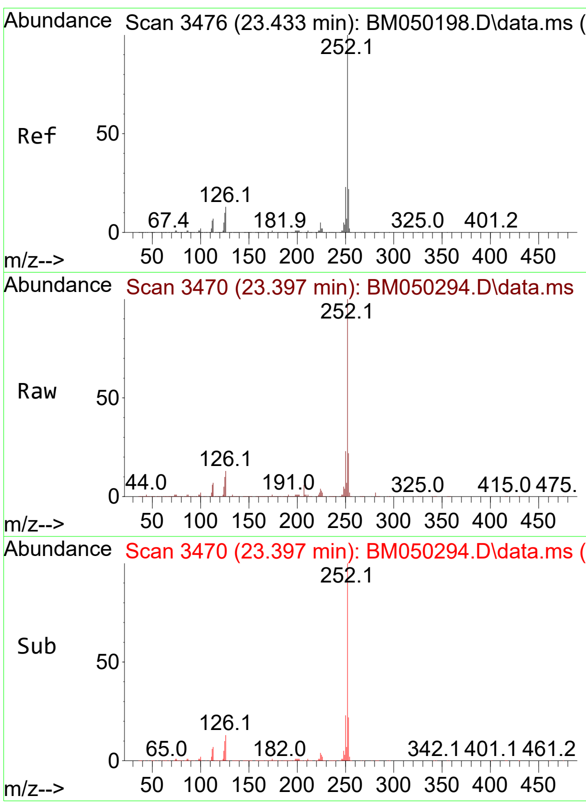


#87
Indeno(1,2,3-cd)pyrene
Concen: 43.443 ng
RT: 27.685 min Scan# 4
Delta R.T.   -0.023 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:276 Resp: 5950271

Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.6	30.8
277	25.1	19.8	29.6

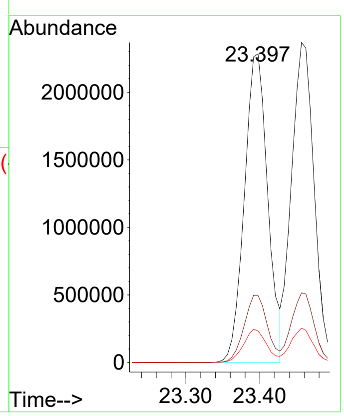




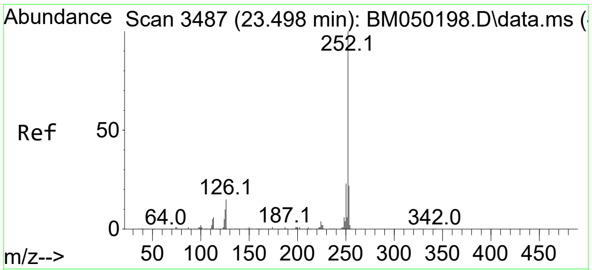
#88
Benzo(b)fluoranthene
Concen: 40.589 ng
RT: 23.397 min Scan# 3470
Delta R.T.   -0.012 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

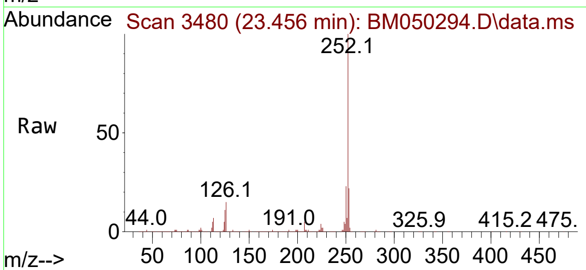
Tgt Ion:252 Resp: 5020058

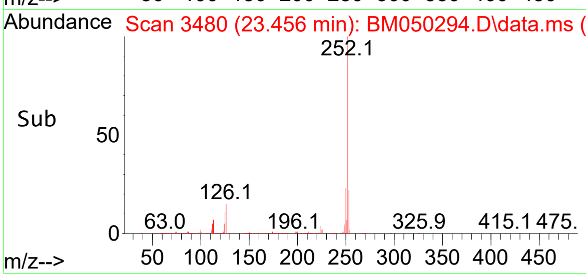
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.2	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



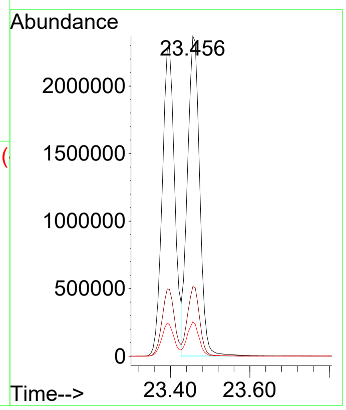


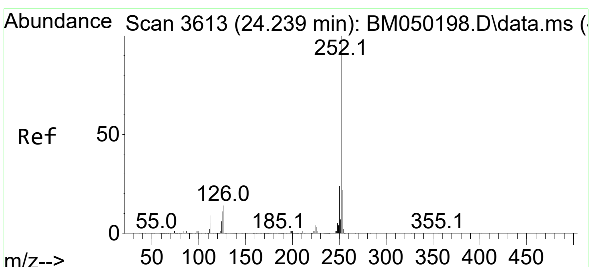


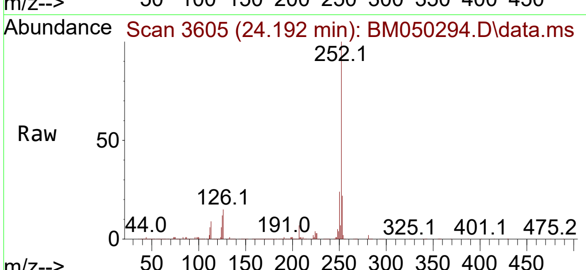
#89
Benzo(k)fluoranthene
Concen: 40.251 ng
RT: 23.456 min   Scan# 34
Delta R.T.   -0.017 min
Lab File: BM050294.D
Acq: 12 Jun 2025   04:31

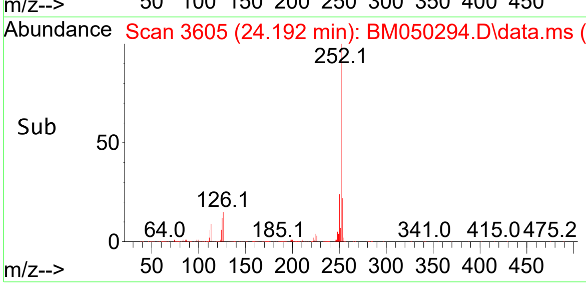
Tgt Ion:252 Resp: 5082030

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.7	8.2	12.4





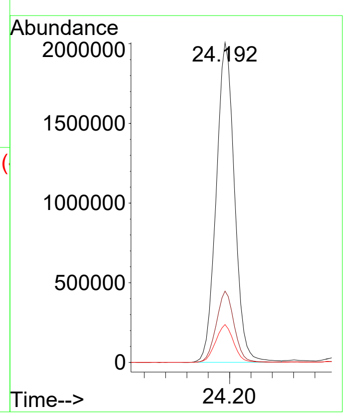




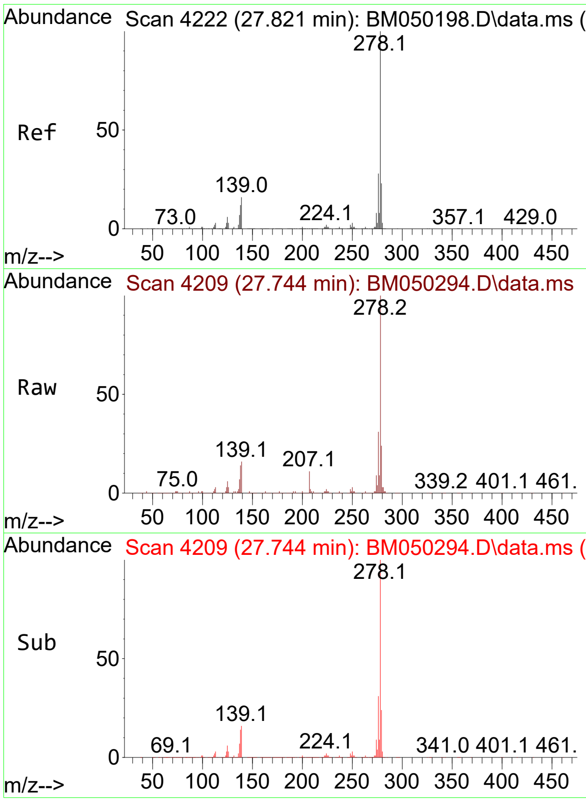
#90
Benzo(a)pyrene
Concen: 41.161 ng
RT: 24.192 min   Scan# 3605
Delta R.T.   -0.017 min
Lab File: BM050294.D
Acq: 12 Jun 2025   04:31

Tgt Ion:252 Resp: 4786398

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.9	9.0	13.4



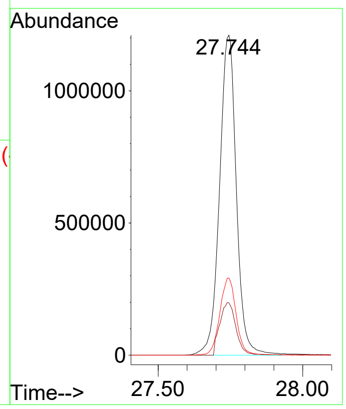
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

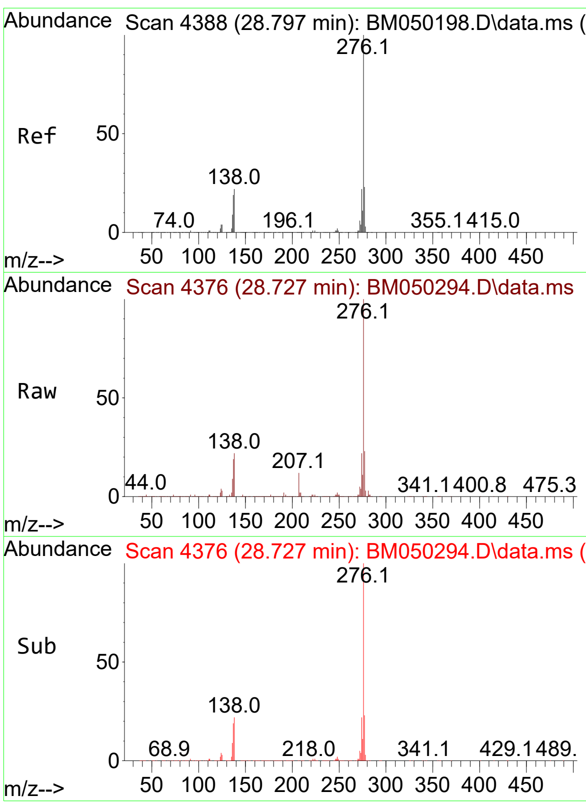


#91
Dibenzo(a,h)anthracene
Concen: 44.020 ng
RT: 27.744 min Scan# 4
Delta R.T. -0.023 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:278 Resp: 4894031

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.8	19.2
279	24.1	18.6	28.0

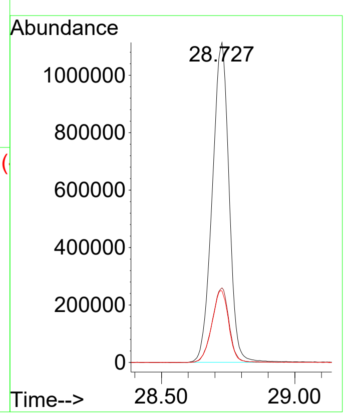




#92
Benzo(g,h,i)perylene
Concen: 43.693 ng
RT: 28.727 min Scan# 4376
Delta R.T. -0.023 min
Lab File: BM050294.D
Acq: 12 Jun 2025 04:31

Tgt Ion:276 Resp: 4861977

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	22.4	17.8	26.6



QC SAMPLE DATA

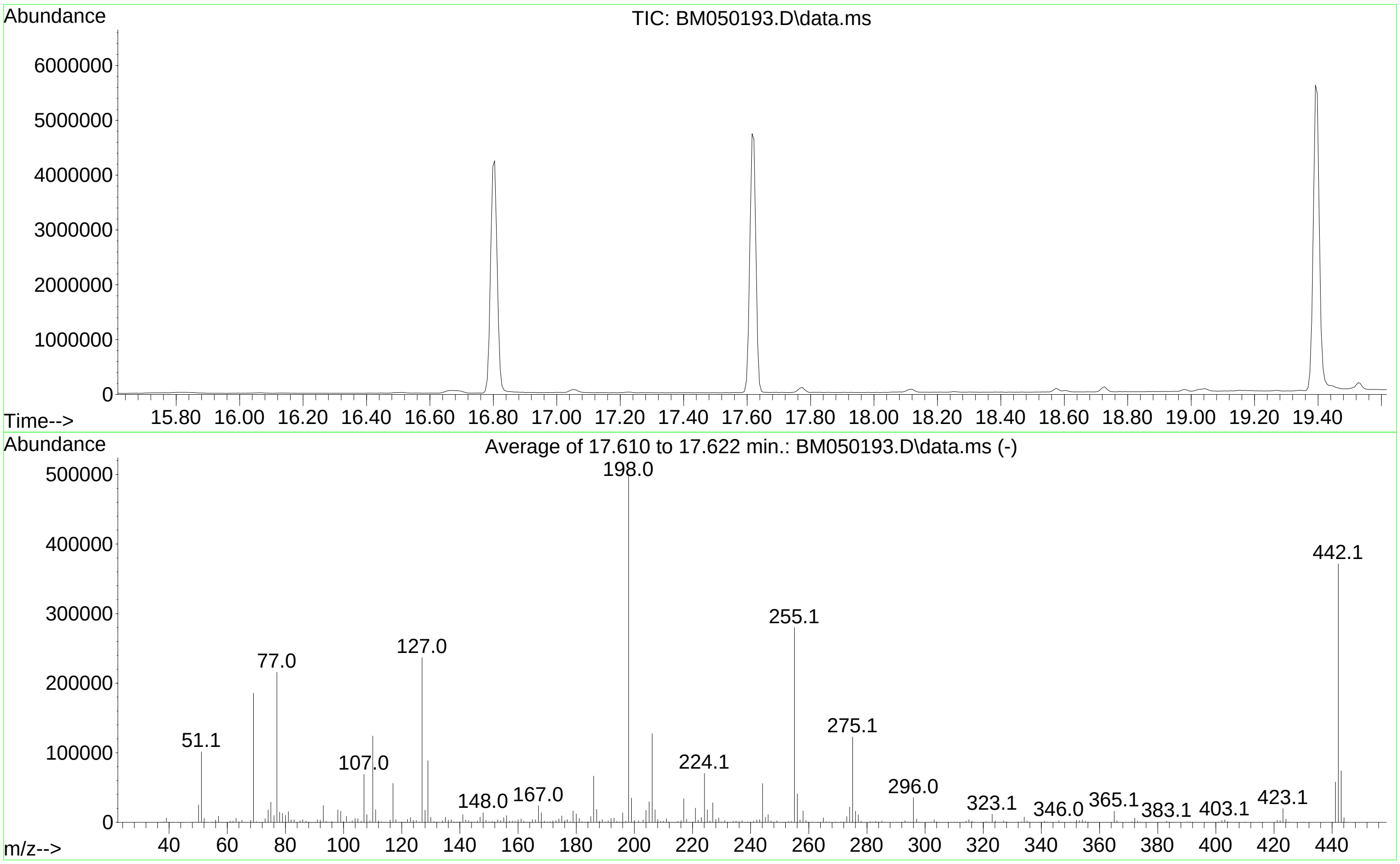
Sample Results: **BM050193.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050193.D
Acq On : 05 Jun 2025 08:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jun 05 16:20:25 2025



AutoFind: Scans 2486, 2487, 2488; Background Corrected with Scan 2479

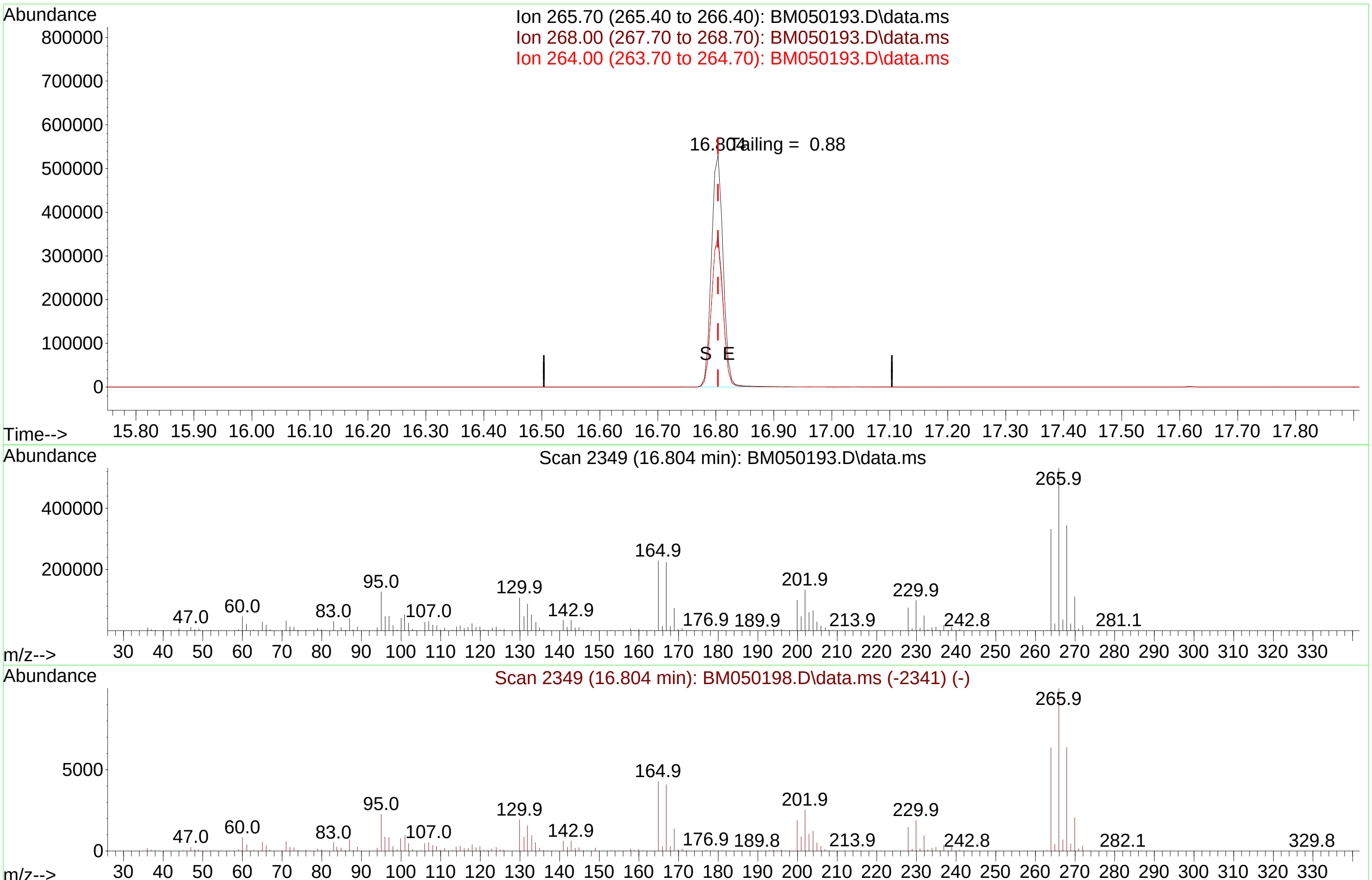
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	20.3	101444	PASS
68	69	0.00	2	1.6	2964	PASS
69	198	0.00	100	37.2	185664	PASS
70	69	0.00	2	0.6	1032	PASS
127	198	10	80	47.5	237035	PASS
197	198	0.00	2	0.4	1811	PASS
198	198	100	100	100.0	499264	PASS
199	198	5	9	7.0	34904	PASS
275	198	10	60	24.6	122771	PASS
365	198	1	100	3.2	16128	PASS
441	198	0.01	100	11.6	57920	PASS
442	442	50	100	100.0	371584	PASS
443	442	15	24	19.9	74069	PASS

Sample Results: **BM050193.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050193.D
Acq On : 05 Jun 2025 08:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 05 16:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



(70) Pentachlorophenol (C)

16.804min (+ 0.000) 1708888.69 ng

response 747502

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	64.80
264.00	63.50	62.45
0.00	0.00	0.00

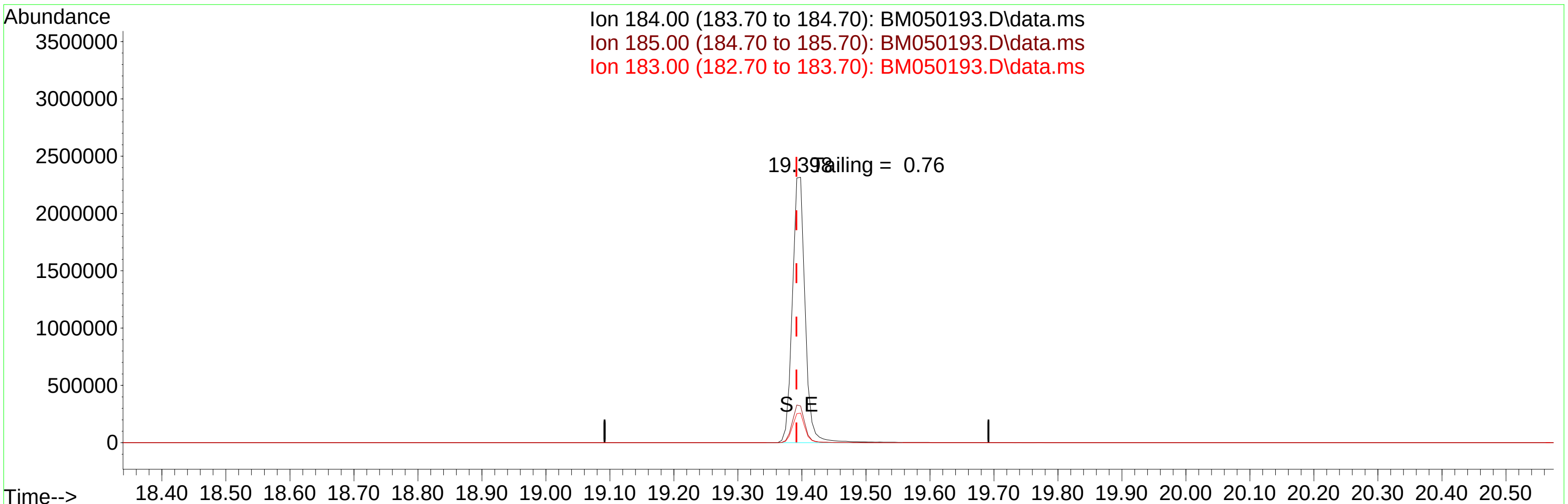
Quantitation Report (Qedit)

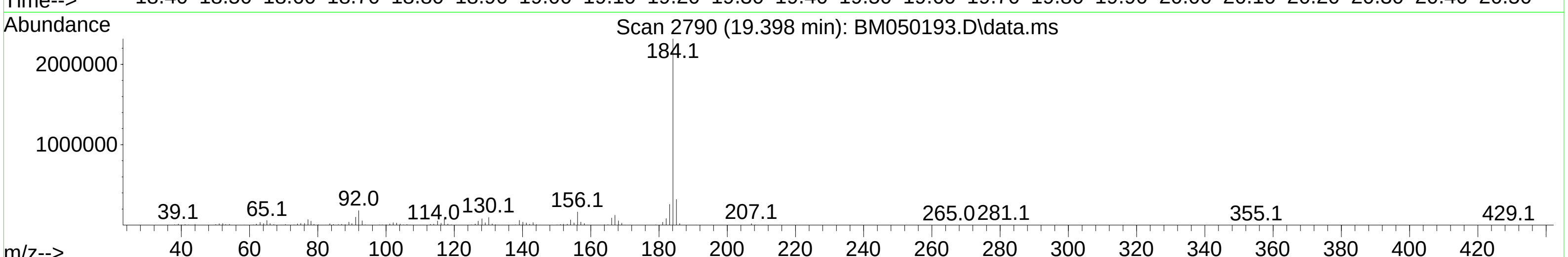
Sample Results: **BM050193.D**

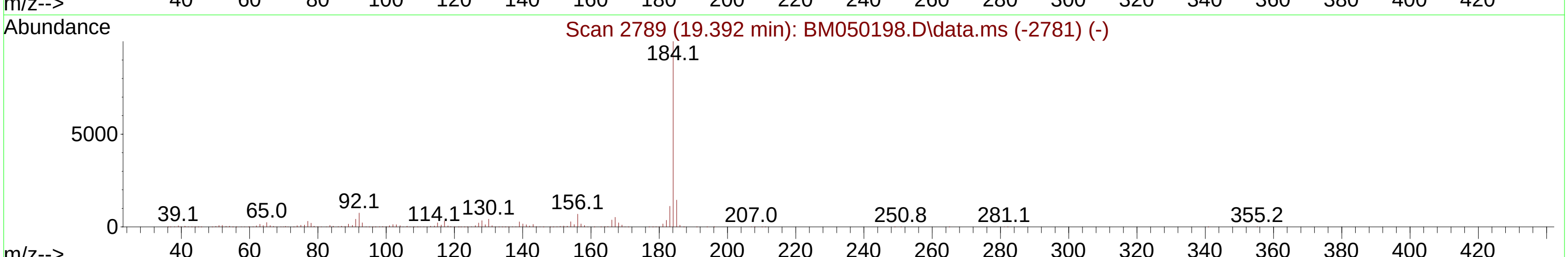
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050193.D
Acq On : 05 Jun 2025 08:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :	BNA_M
ClientSampleId :	DFTPP

Quant Time: Jun 05 16:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration







TIC: BM050193.D\data.ms

(77) Benzidine

19.398min (+ 0.006) 33233.28 ng

response 3215775

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.84
183.00	11.20	11.16
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/5/2025	BNA_M	BM050193.D
Compound Name	**Response**	**Retention Time**
DDT	1539212	20.645
DDD	20154	20.257
DDE	1832	19.692
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
21986	1561198	1.41

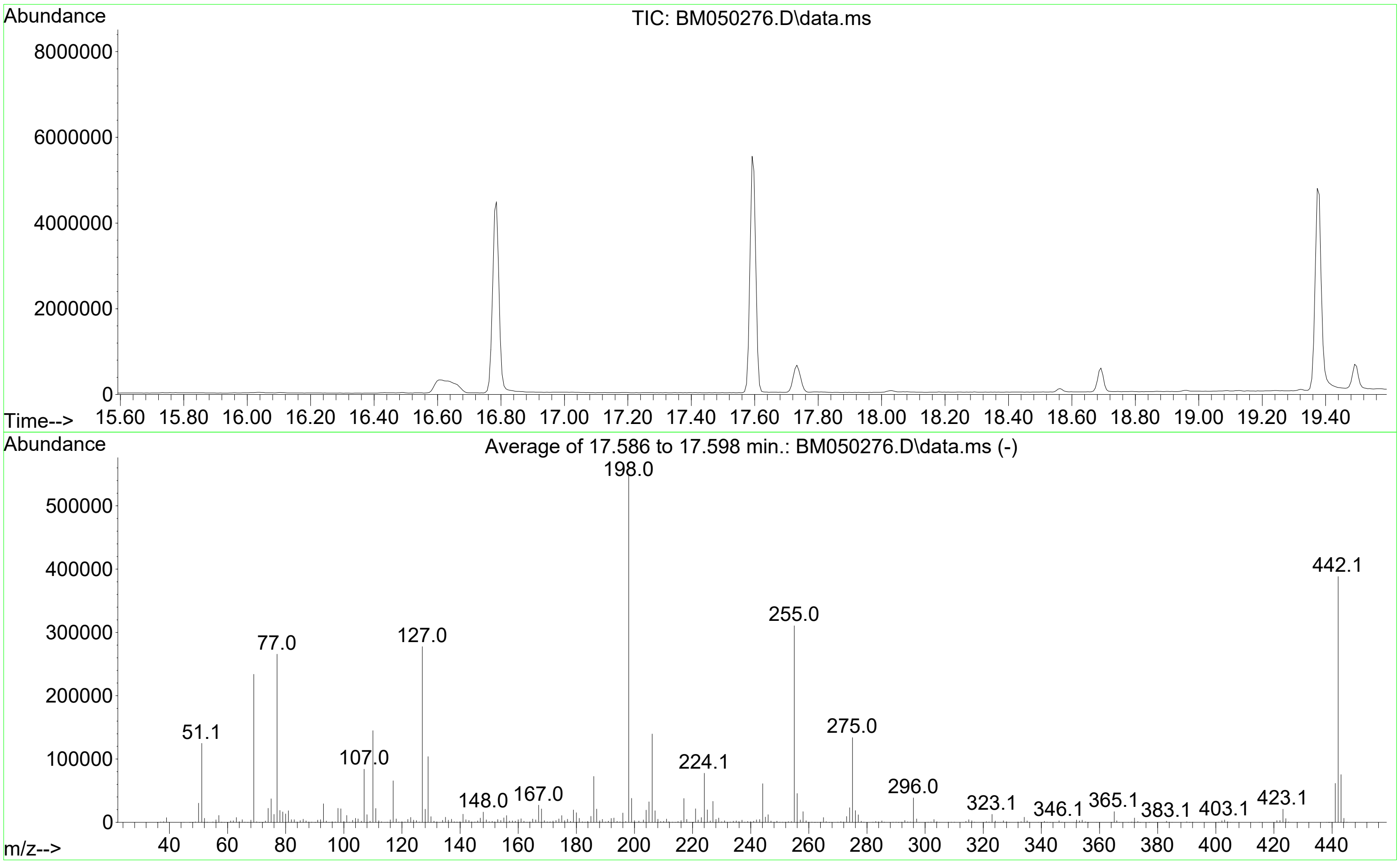
Sample Results: **BM050276.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050276.D
Acq On : 11 Jun 2025 15:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Jun 09 11:54:38 2025



AutoFind: Scans 2482, 2483, 2484; Background Corrected with Scan 2475

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	22.7	124833	PASS
68	69	0.00	2	1.5	3603	PASS
69	198	0.00	100	42.6	233985	PASS
70	69	0.00	2	0.4	1012	PASS
127	198	10	80	50.6	277675	PASS
197	198	0.00	2	0.3	1432	PASS
198	198	100	100	100.0	548821	PASS
199	198	5	9	6.9	37939	PASS
275	198	10	60	24.4	133920	PASS
365	198	1	100	3.1	16999	PASS
441	198	0.01	100	11.2	61619	PASS
442	442	50	100	100.0	388501	PASS
443	442	15	24	19.4	75376	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/11/2025	BNA_M	BM050276.D
Compound Name	**Response**	**Retention Time**
DDT	1741494	20.621
DDD	20318	20.233
DDE	2850	19.674
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
23168	1764662	1.31

Instrument : BNA_M
ClientSampleId : DFTPP

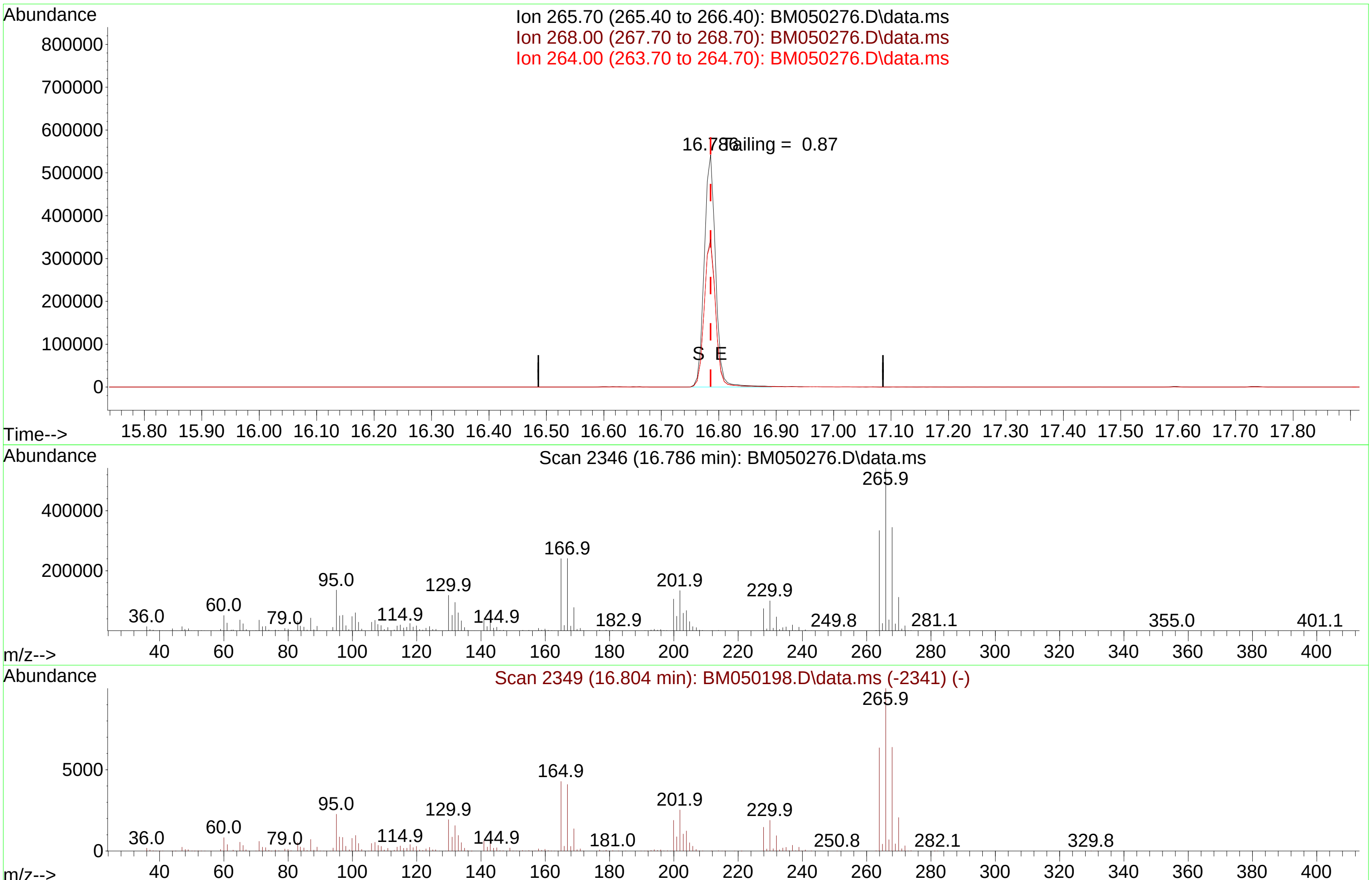
Quantitation Report (Qedit)

Sample Results: **BM050276.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050276.D
Acq On : 11 Jun 2025 15:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 11 18:44:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



(70) Pentachlorophenol (C)

16.786min (-0.000) 1703653.44 ng

response 745212

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	63.56
264.00	63.50	61.66
0.00	0.00	0.00

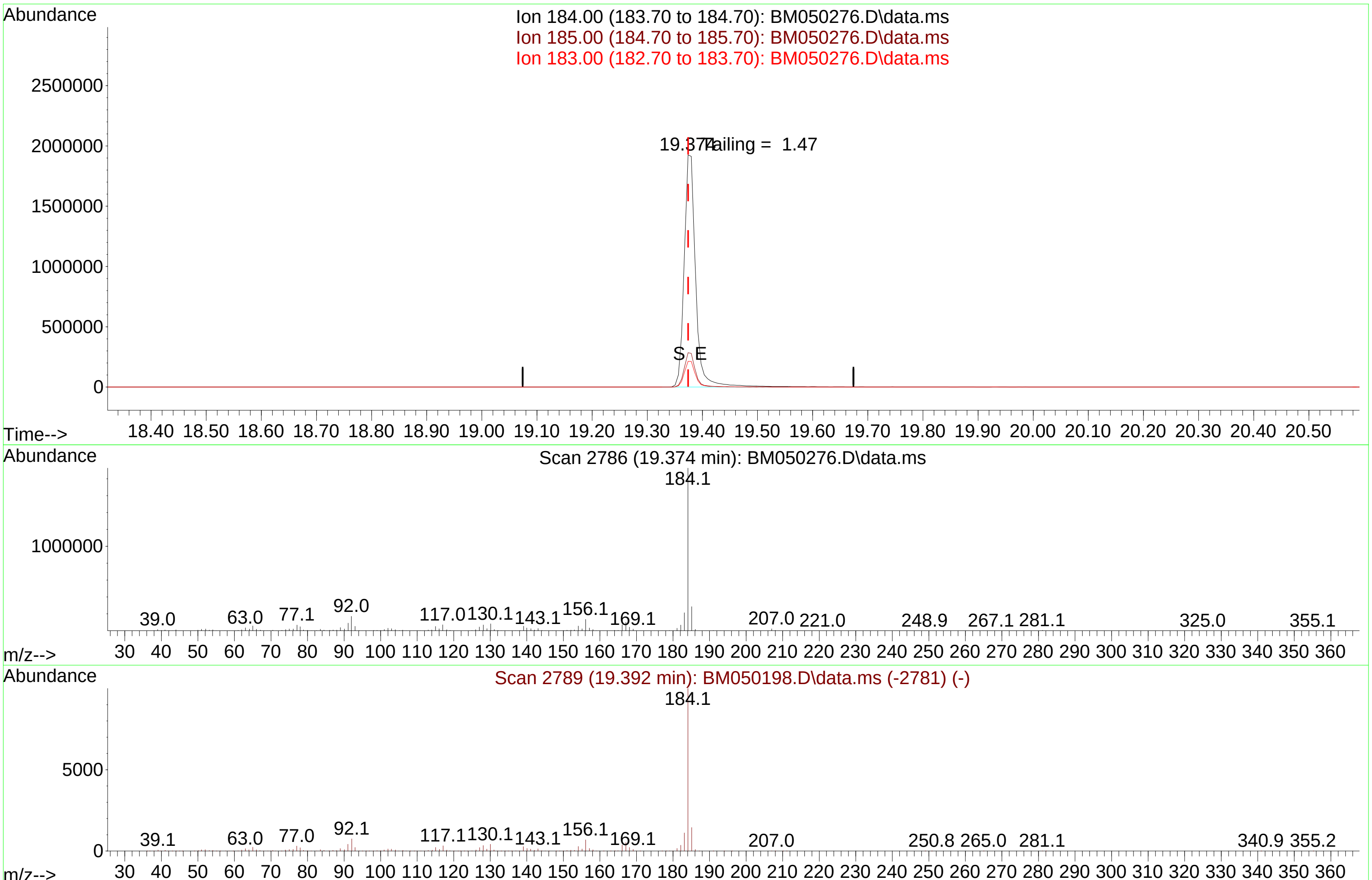
Quantitation Report (Qedit)

Sample Results: **BM050276.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050276.D
Acq On : 11 Jun 2025 15:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :	BNA_M
ClientSampleId :	DFTPP

Quant Time: Jun 11 18:44:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



TIC: BM050276.D\data.ms

(77) Benzidine

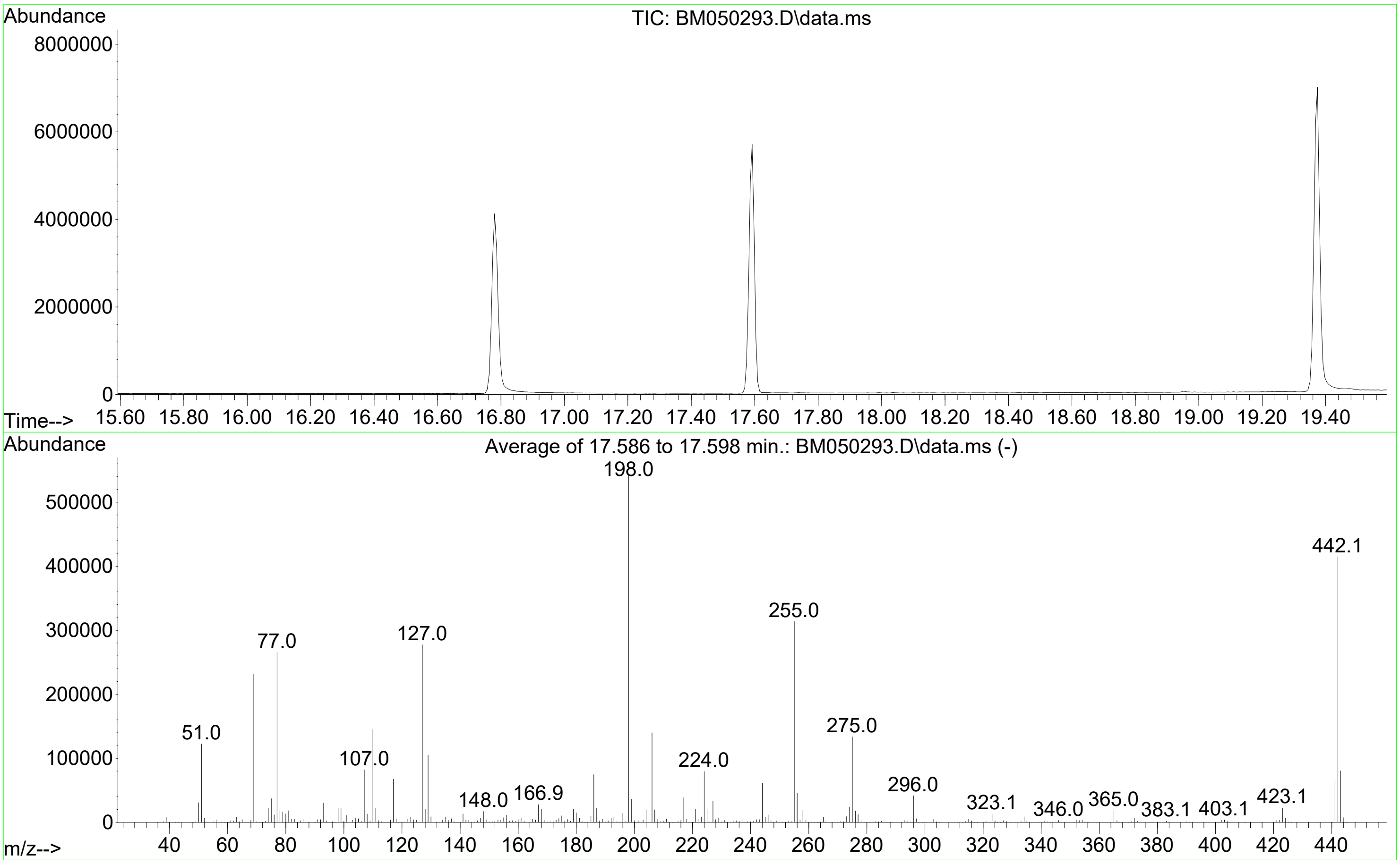
19.374min (-0.000) 2147.98 ng

response 2793632

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.78
183.00	11.20	11.11
0.00	0.00	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050293.D
Acq On    : 12 Jun 2025  03:52
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Integration File: rteint.p

Method    : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Title     : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update  : Mon Jun 09 11:54:38 2025
```

Instrument :
BNA_M
ClientSampleId :
DFTPP



AutoFind: Scans 2482, 2483, 2484; Background Corrected with Scan 2475

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	22.6	122571	PASS
68	69	0.00	2	1.5	3537	PASS
69	198	0.00	100	42.7	231531	PASS
70	69	0.00	2	0.5	1188	PASS
127	198	10	80	51.1	277333	PASS
197	198	0.00	2	0.2	1296	PASS
198	198	100	100	100.0	542507	PASS
199	198	5	9	6.7	36229	PASS
275	198	10	60	24.6	133573	PASS
365	198	1	100	3.4	18647	PASS
441	198	0.01	100	12.2	65955	PASS
442	442	50	100	100.0	414592	PASS
443	442	15	24	19.4	80435	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/11/2025	BNA_M	BM050293.D
Compound Name	**Response**	**Retention Time**
DDT	1783815	20.615
DDD	17796	20.227
DDE	2037	19.668
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
19833	1803648	1.10

Instrument : BNA_M
ClientSampleId : DFTPP

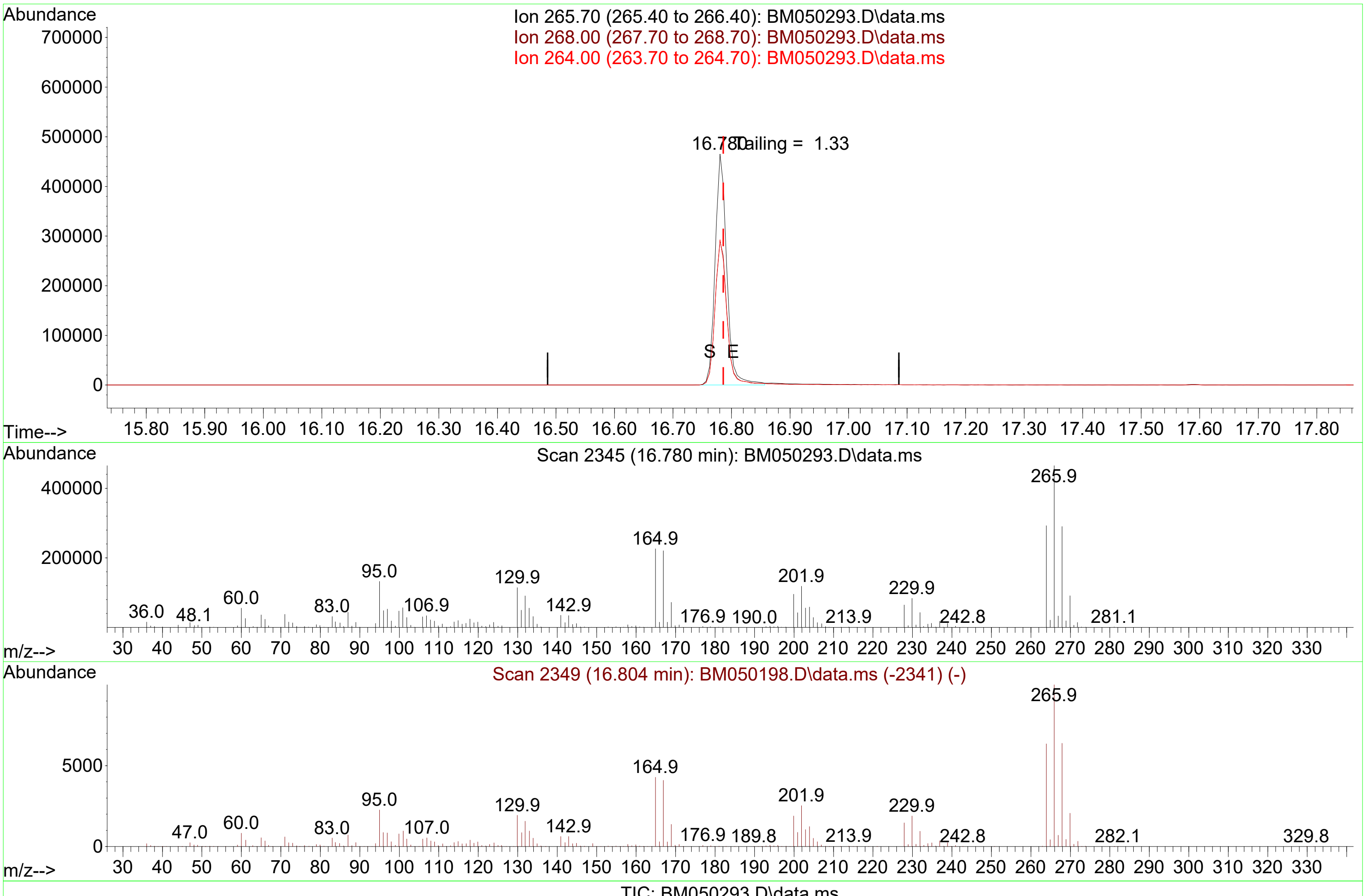
Quantitation Report (Qedit)

Sample Results: **BM050293.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050293.D
Acq On : 12 Jun 2025 03:52
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 12 05:28:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



(70) Pentachlorophenol (C)

16.780min (-0.006) 258016.11 ng

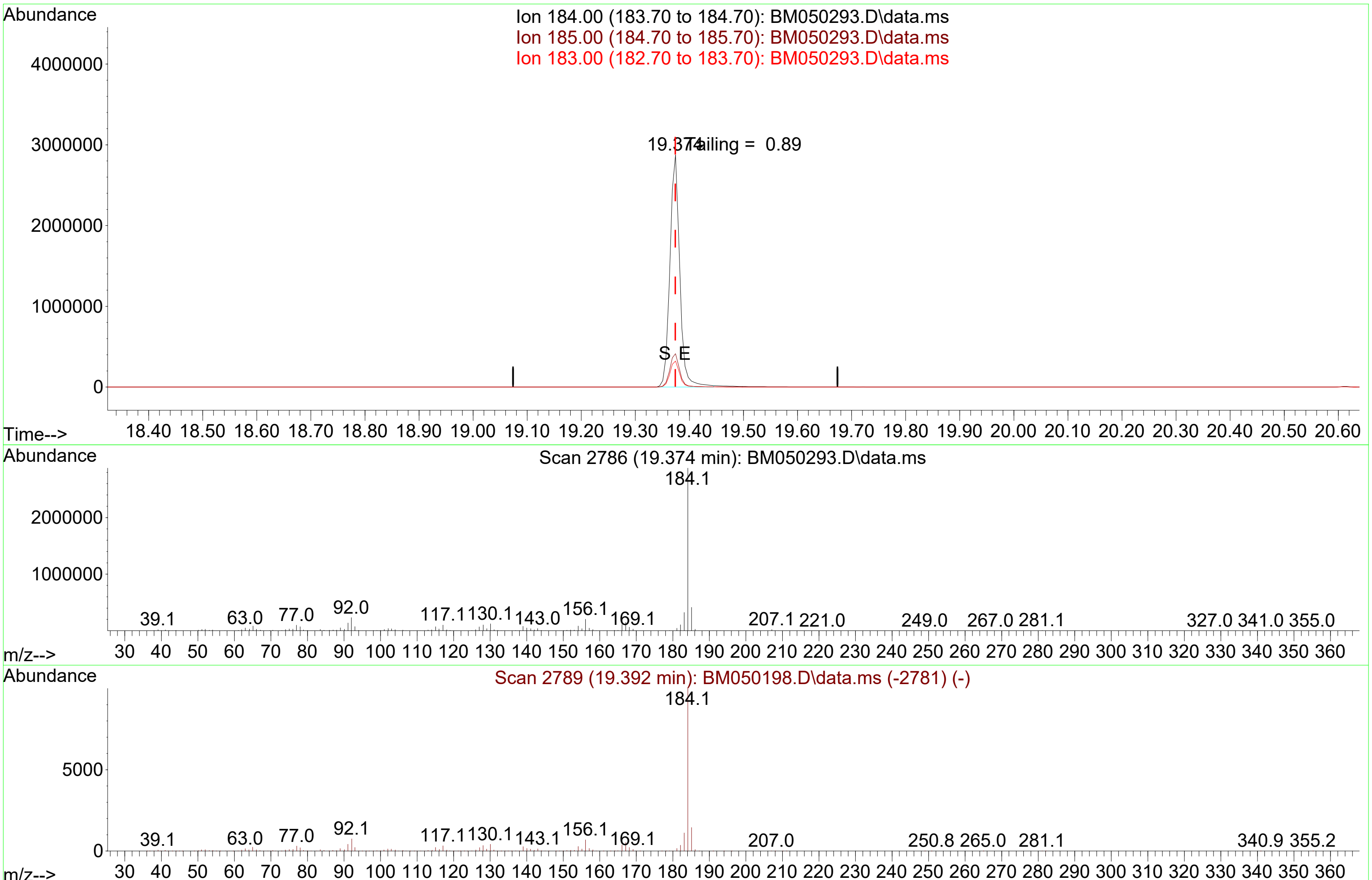
response 647908

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	62.36
264.00	63.50	62.90
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050293.D
Acq On : 12 Jun 2025 03:52
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 12 05:28:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



TIC: BM050293.D\data.ms

(77) Benzidine

19.374min (+ 0.000) 81131.91 ng

response 3702866

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.37
183.00	11.20	11.22
0.00	0.00	0.00

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:		
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:		
Client Sample ID:	PB168422BL		SDG No.:	Q2267	
Lab Sample ID:	PB168422BL		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050278.D	1	06/11/25 12:20	06/11/25 17:24	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	156		23 - 138	104%	SPK: 150
13127-88-3	Phenol-d6	143		10 - 134	95%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.3		67 - 132	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.0		52 - 132	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	155		44 - 137	103%	SPK: 150
1718-51-0	Terphenyl-d14	93.3		42 - 152	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	380000	7.763			
1146-65-2	Naphthalene-d8	1400000	10.551			
15067-26-2	Acenaphthene-d10	753000	14.392			
1517-22-2	Phenanthrene-d10	1430000	17.133			
1719-03-5	Chrysene-d12	1510000	21.362			
1520-96-3	Perylene-d12	1590000	24.338			

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168422BL	SDG No.:	Q2267
Lab Sample ID:	PB168422BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050278.D	1	06/11/25 12:20	06/11/25 17:24	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050278.D
Acq On : 11 Jun 2025 17:24
Operator : RC/JU
Sample : PB168422BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168422BL

Quant Time: Jun 11 18:24:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	379949	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1397818	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	753306	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1427852	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1514576	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1590017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3541836	155.502	ng	0.00
7) Phenol-d6	6.934	99	4283310	142.856	ng	0.00
23) Nitrobenzene-d5	8.916	82	2535242	94.328	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1329100	155.118	ng	0.00
45) 2-Fluorobiphenyl	13.021	172	5339966	95.971	ng	0.00
79) Terphenyl-d14	19.762	244	7459640	93.334	ng	0.00

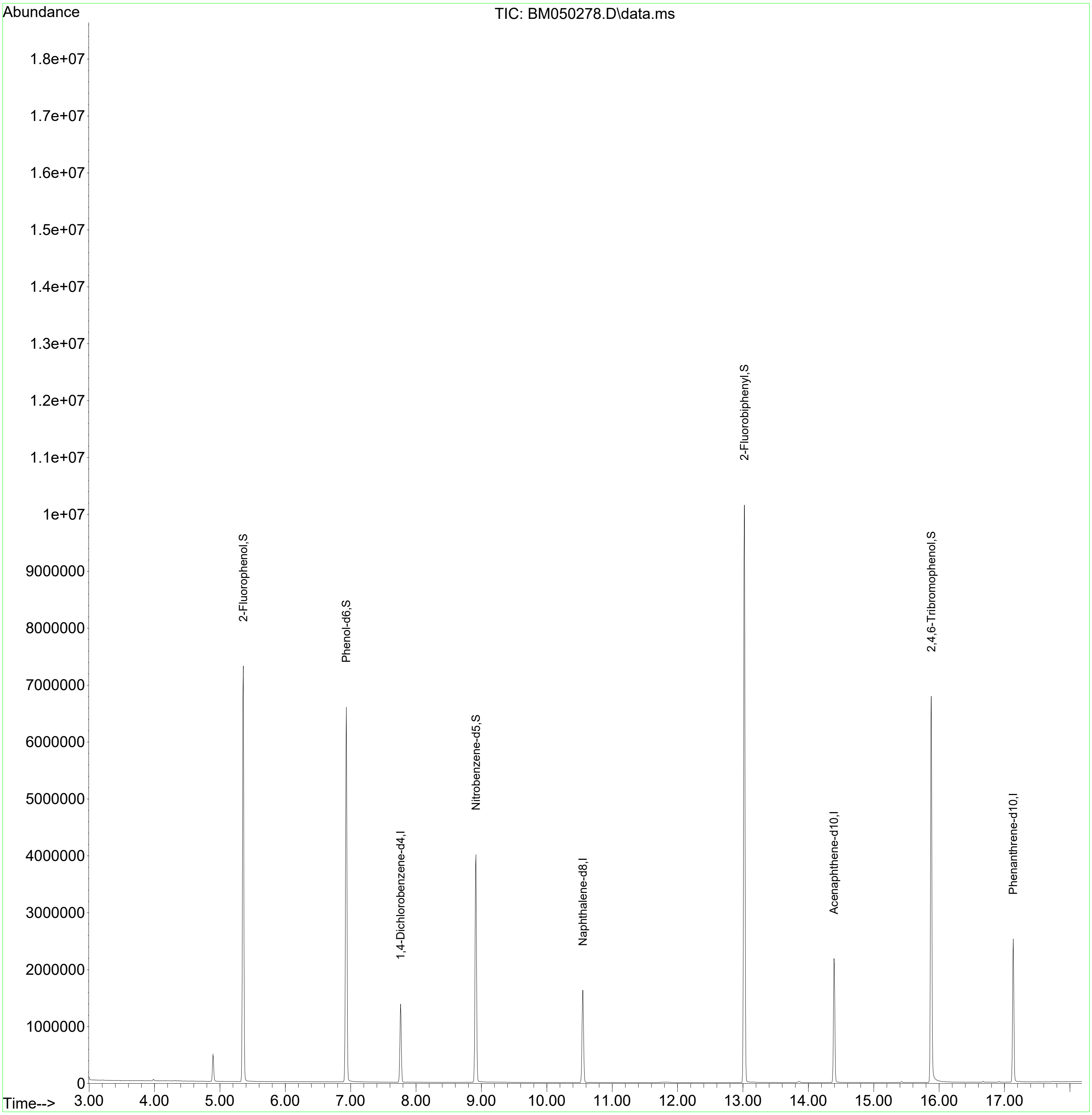
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050278.D
Acq On : 11 Jun 2025 17:24
Operator : RC/JU
Sample : PB168422BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168422BL

Quant Time: Jun 11 18:24:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



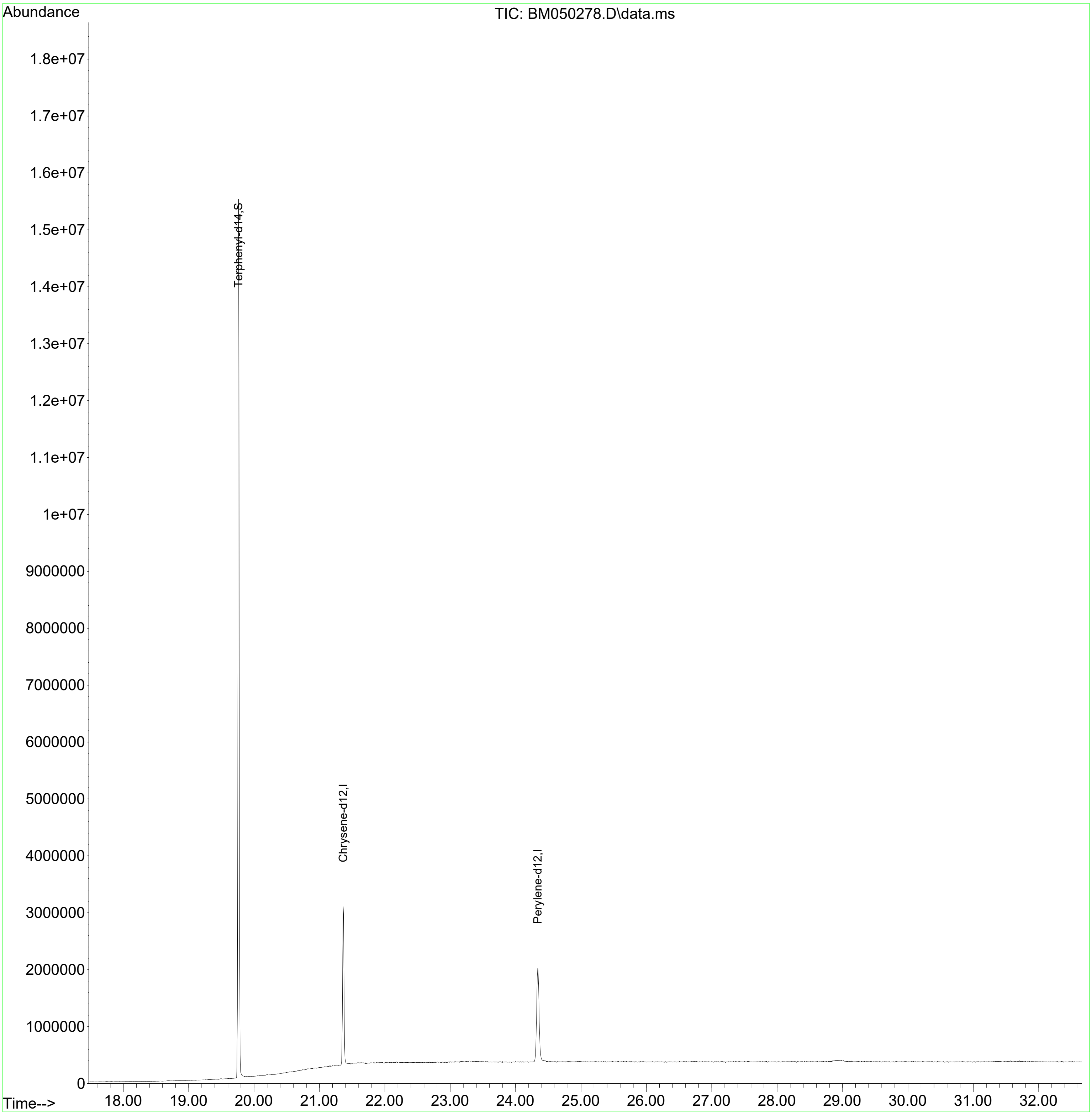
Quantitation Report (QT Reviewed)

Sample Results: **BM050278.D**

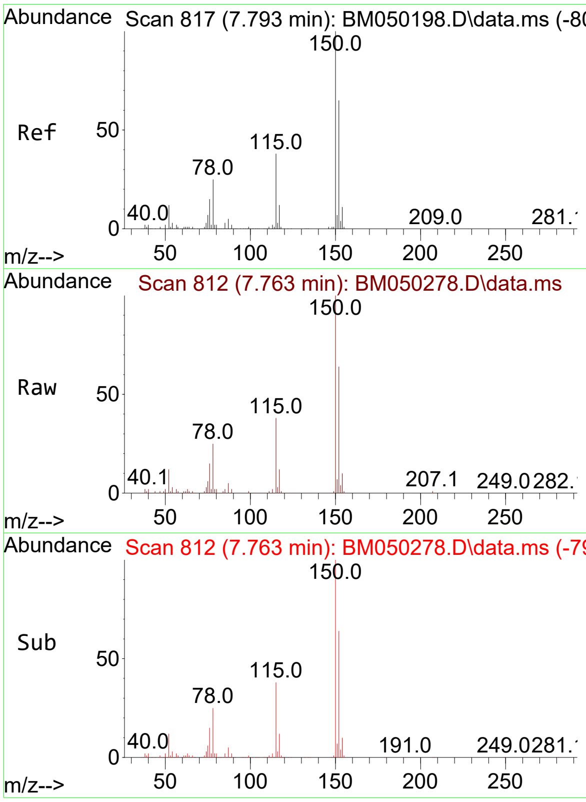
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050278.D
Acq On : 11 Jun 2025 17:24
Operator : RC/JU
Sample : PB168422BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168422BL

Quant Time: Jun 11 18:24:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



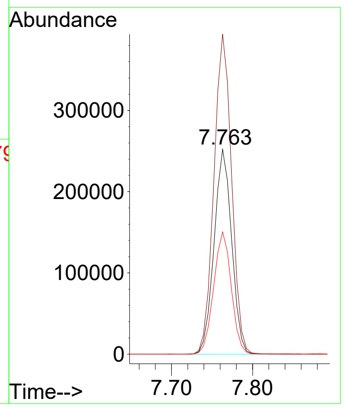
Instrument :
BNA_M
ClientSampleId :
PB168422BL

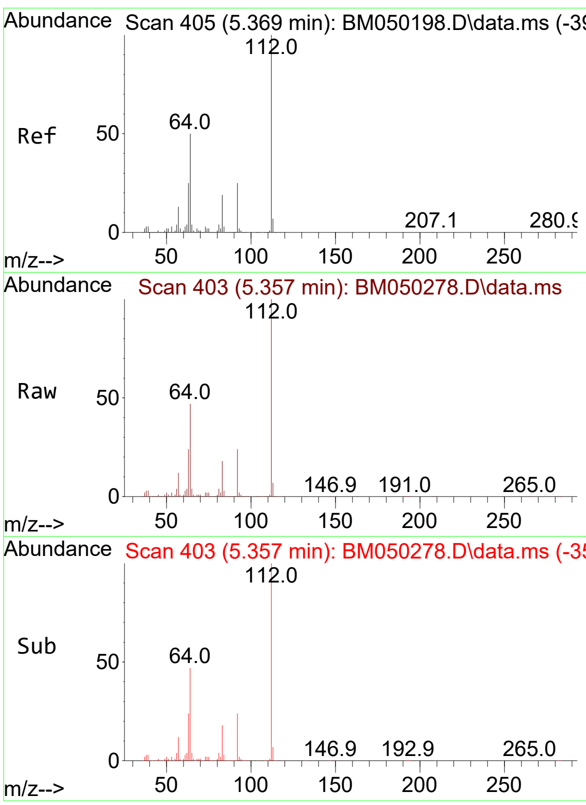


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Tgt Ion:152 Resp: 379949

Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.2	183.4
115	59.7	46.3	69.5

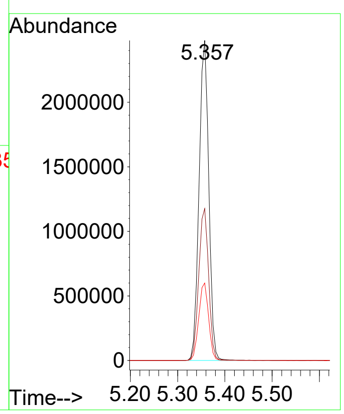




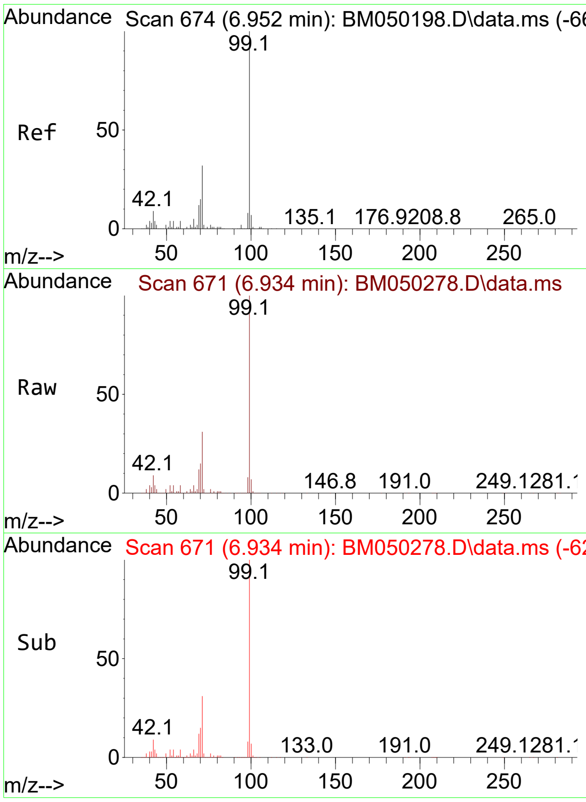
#5
2-Fluorophenol
Concen: 155.502 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Tgt Ion:112 Resp: 3541836

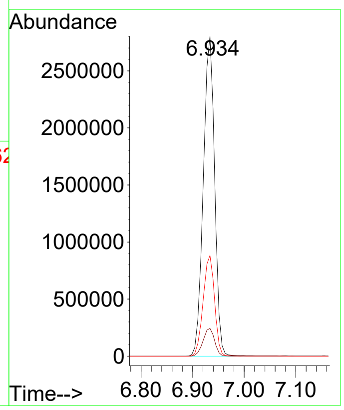
Ion	Ratio	Lower	Upper
112	100		
64	47.4	39.8	59.6
63	24.2	19.8	29.8

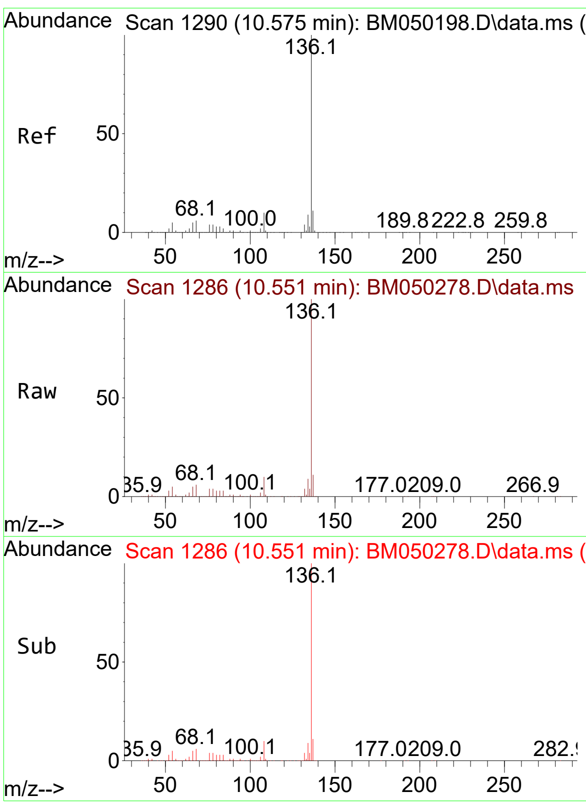


Instrument :
BNA_M
ClientSampleId :
PB168422BL

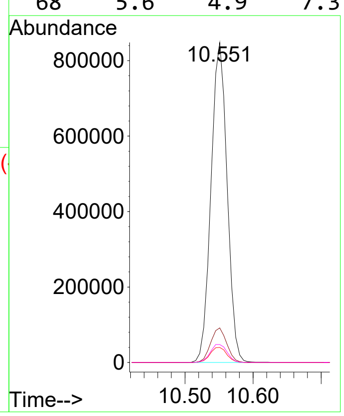



```
#7
Phenol-d6
Concen:  142.856 ng
RT:    6.934 min  Scan# 6
Delta R.T.   -0.000 min
Lab File:    BM050278.D
Acq: 11 Jun 2025   17:24

Tgt Ion: 99 Resp: 4283310
Ion  Ratio  Lower  Upper
 99  100
 42    8.7    6.9   10.3
 71   31.5   25.3   37.9
```

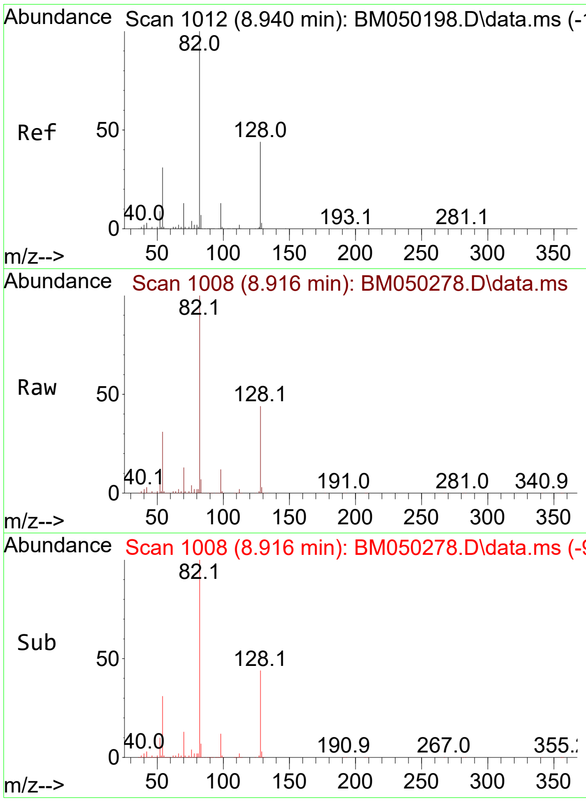





```
#21
Naphthalene-d8
Concen:   20.000 ng
RT:   10.551 min   Scan# 1286
Delta R.T.   -0.006 min
Lab File:    BM050278.D
Acq: 11 Jun 2025   17:24

Tgt Ion:136 Resp: 1397818
Ion  Ratio  Lower  Upper
136  100
137   10.8    8.6   13.0
 54    4.7    3.8    5.8
 68    5.6    4.9    7.3
```



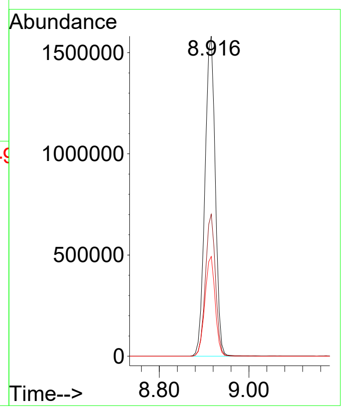
Instrument :
BNA_M
ClientSampleId :
PB168422BL

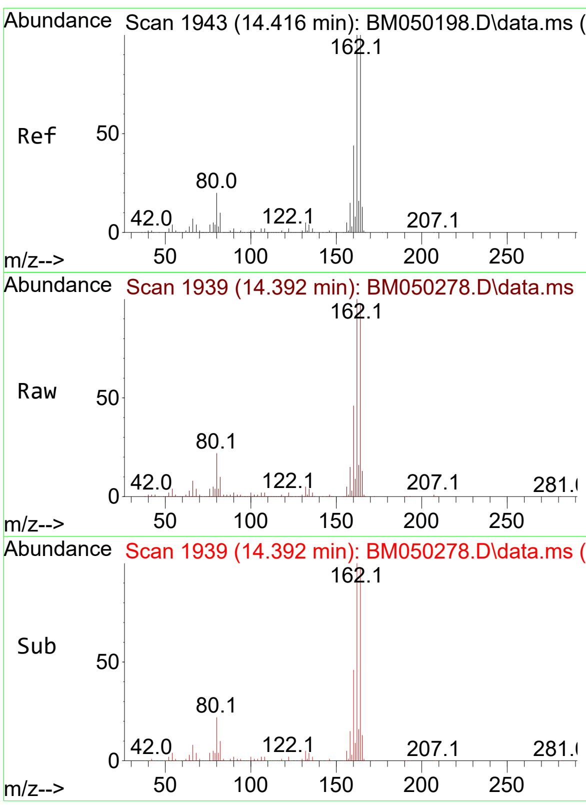


#23
Nitrobenzene-d5
Concen: 94.328 ng
RT: 8.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Tgt Ion: 82 Resp: 2535242

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.2	52.8
54	31.2	24.5	36.7

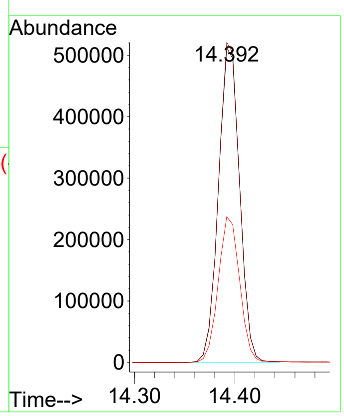




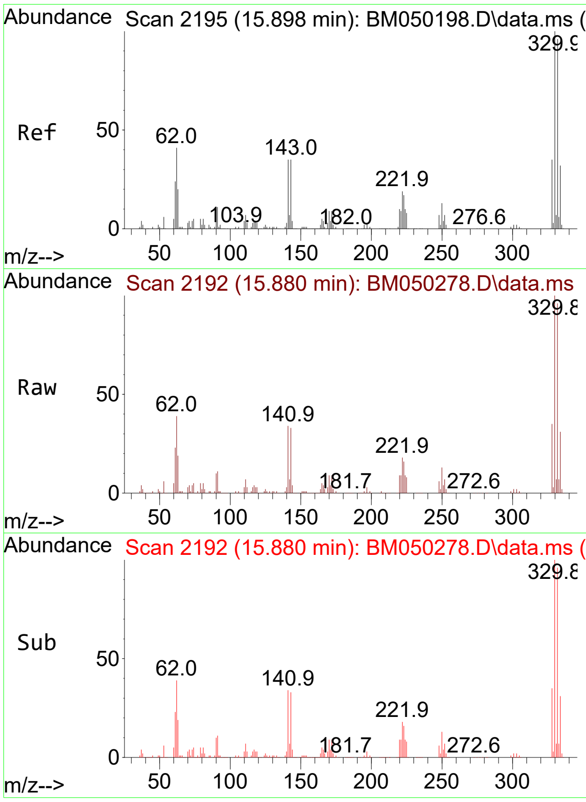
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Tgt Ion:164 Resp: 753306

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.4
160	46.3	35.7	53.5



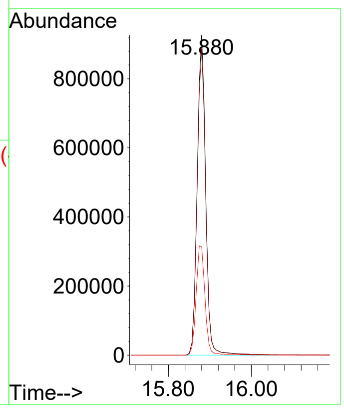
Instrument :
BNA_M
ClientSampleId :
PB168422BL

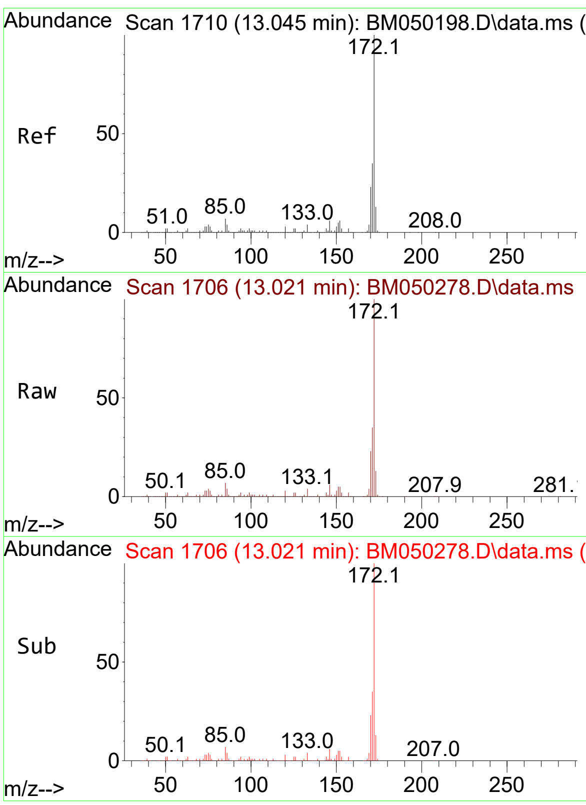


#42
2,4,6-Tribromophenol
Concen: 155.118 ng
RT: 15.880 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Tgt Ion:330 Resp: 1329100

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.5	116.3
141	35.8	28.8	43.2

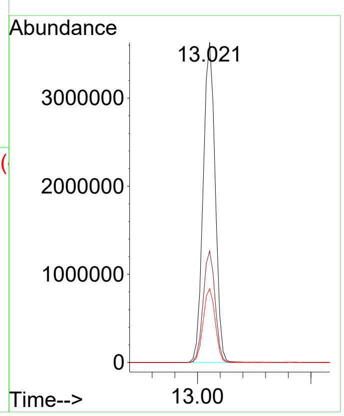




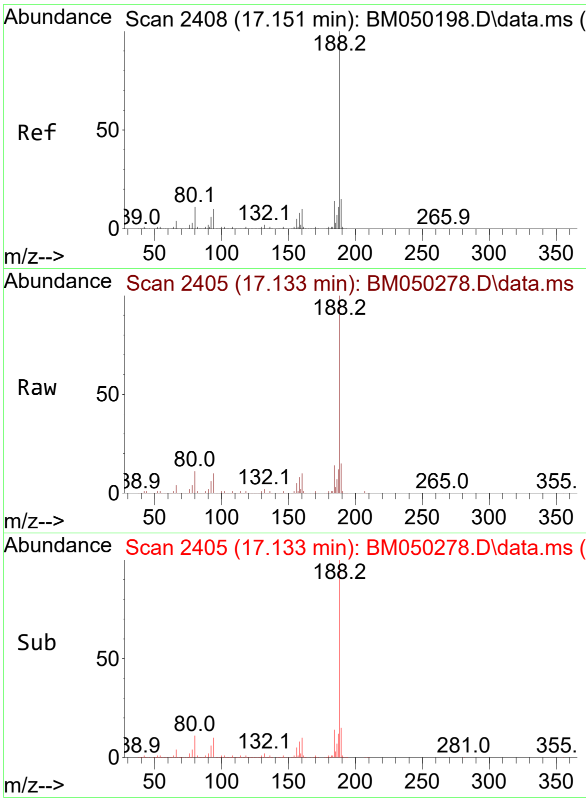
#45
2-Fluorobiphenyl
Concen: 95.971 ng
RT: 13.021 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Tgt Ion:172 Resp: 5339966

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.1	18.6	27.8



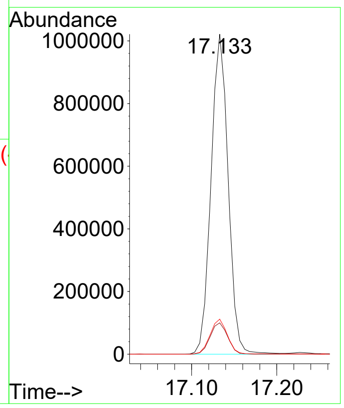
Instrument :
BNA_M
ClientSampleId :
PB168422BL

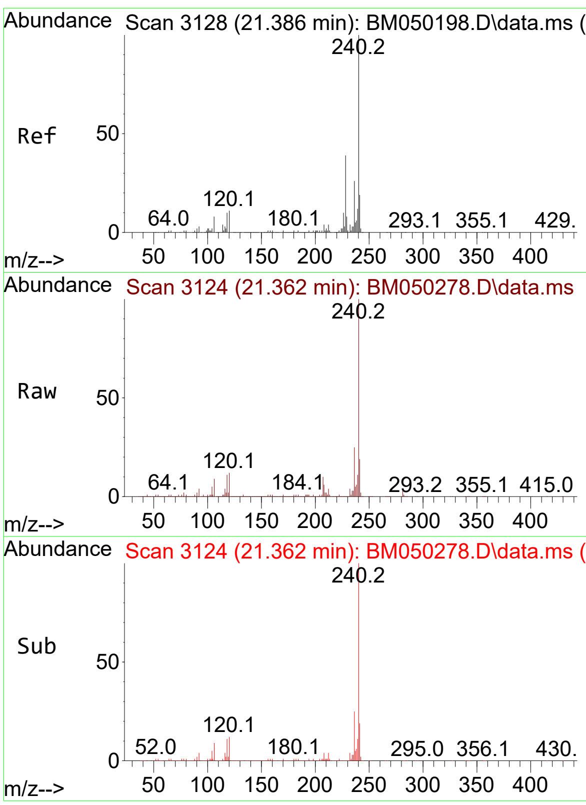


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Tgt Ion:188 Resp: 1427852

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	11.0	8.6	13.0

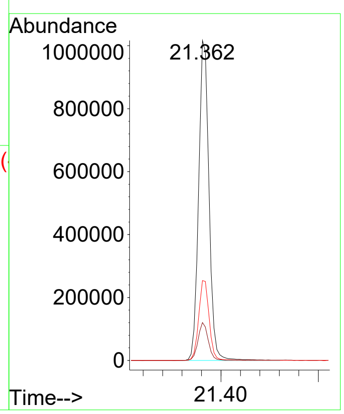




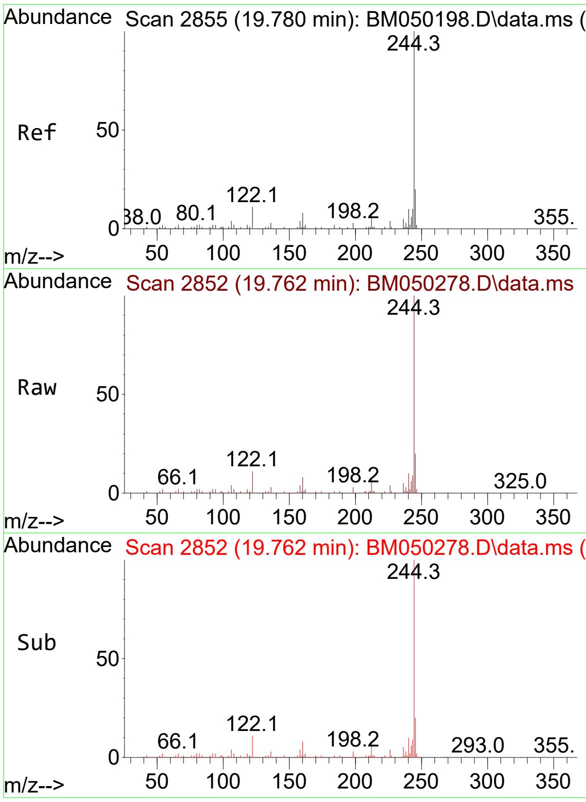
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Tgt Ion:240 Resp: 1514576

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.0	13.4
236	24.9	20.7	31.1



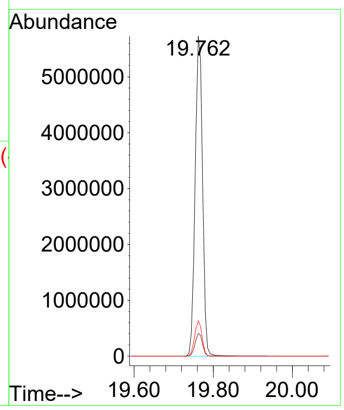
Instrument : BNA_M
ClientSampleId : PB168422BL

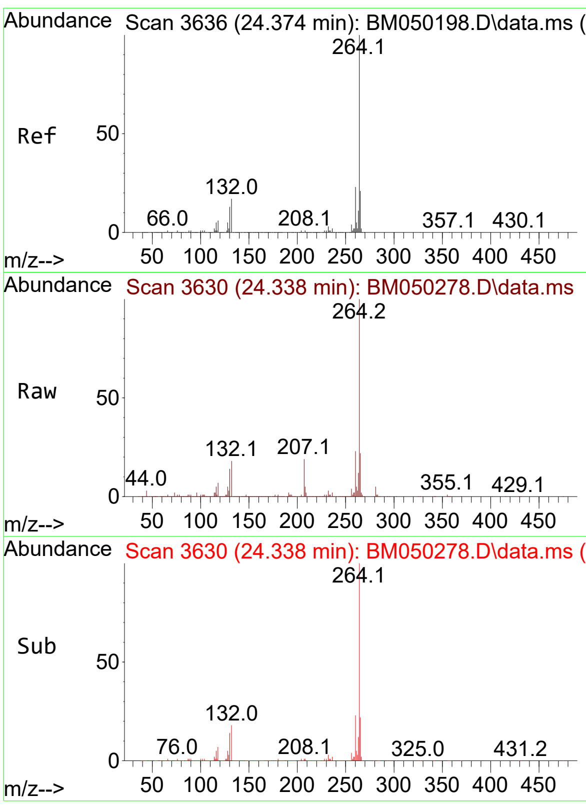


#79
Terphenyl-d14
Concen: 93.334 ng
RT: 19.762 min Scan# 28
Delta R.T. -0.006 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Tgt Ion:244 Resp: 7459640

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.0	8.6	12.8

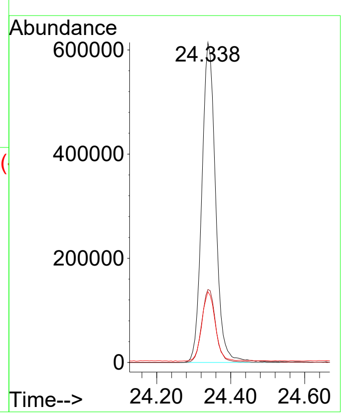




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.338 min Scan# 3630
Delta R.T. -0.006 min
Lab File: BM050278.D
Acq: 11 Jun 2025 17:24

Tgt Ion:264 Resp: 1590017

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	22.1	16.8	25.2



Raw Data: **BM050279.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168422BS	SDG No.:	Q2267
Lab Sample ID:	PB168422BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050279.D	1	06/11/25 12:20	06/11/25 18:04	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	39.9		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	42.9		0.53	5.00	ug/L
95-48-7	2-Methylphenol	44.1		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.8		1.10	10.0	ug/L
67-72-1	Hexachloroethane	44.9		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.8		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.7		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	46.1		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	47.0		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	51.7		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	47.0		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	135		23 - 138	90%	SPK: 150
13127-88-3	Phenol-d6	127		10 - 134	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.9		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.8		52 - 132	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	79.8		42 - 152	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	367000	7.763			
1146-65-2	Naphthalene-d8	1430000	10.551			
15067-26-2	Acenaphthene-d10	820000	14.398			
1517-22-2	Phenanthrene-d10	1550000	17.133			
1719-03-5	Chrysene-d12	1650000	21.362			
1520-96-3	Perylene-d12	1810000	24.338			

Raw Data: **BM050279.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:		
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:		
Client Sample ID:	PB168422BS		SDG No.:	Q2267	
Lab Sample ID:	PB168422BS		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050279.D	1	06/11/25 12:20	06/11/25 18:04	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050279.D
Acq On : 11 Jun 2025 18:04
Operator : RC/JU
Sample : PB168422BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168422BS

Quant Time: Jun 11 19:06:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	367361	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1426636	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	820279	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1545819	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1653111	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1805248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2962799	134.537	ng	0.00
7) Phenol-d6	6.934	99	3684473	127.094	ng	0.00
23) Nitrobenzene-d5	8.916	82	2247562	81.935	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1306178	139.996	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4772689	78.772	ng	0.00
79) Terphenyl-d14	19.762	244	6964676	79.839	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	360302	37.325	ng	95
3) Pyridine	3.669	79	998204	39.931	ng	98
4) n-Nitrosodimethylamine	3.575	42	227930	44.093	ng	97
6) Aniline	7.093	93	1277545	33.335	ng	99
8) 2-Chlorophenol	7.334	128	1114316	46.002	ng	100
9) Benzaldehyde	6.904	77	536806	29.124	ng	99
10) Phenol	6.963	94	1388305	45.261	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	1119628	45.381	ng	97
12) 1,3-Dichlorobenzene	7.657	146	1181939	43.646	ng	99
13) 1,4-Dichlorobenzene	7.798	146	1208602	42.895	ng	99
14) 1,2-Dichlorobenzene	8.116	146	1161820	43.255	ng	98
15) Benzyl Alcohol	7.998	79	887072	42.902	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	817058	47.673	ng	96
17) 2-Methylphenol	8.204	107	892503	44.099	ng	98
18) Hexachloroethane	8.845	117	457970	44.883	ng	97
19) n-Nitroso-di-n-propyla...	8.569	70	771024	43.461	ng	98
20) 3+4-Methylphenols	8.528	107	1184887	43.759	ng	99
22) Acetophenone	8.581	105	1597495	44.821	ng	99
24) Nitrobenzene	8.957	77	1167346	46.791	ng	98
25) Isophorone	9.486	82	2090820	44.161	ng	99
26) 2-Nitrophenol	9.663	139	489455	45.450	ng	97
27) 2,4-Dimethylphenol	9.728	122	993288	44.890	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	1415710	45.772	ng	99
29) 2,4-Dichlorophenol	10.198	162	937076	45.764	ng	98
30) 1,2,4-Trichlorobenzene	10.416	180	1018391	44.694	ng	100
31) Naphthalene	10.604	128	3227821	43.761	ng	100
32) Benzoic acid	9.857	122	596889	42.924	ng	96
33) 4-Chloroaniline	10.704	127	654281	20.806	ng	98
34) Hexachlorobutadiene	10.898	225	592737	43.734	ng	99
35) Caprolactam	11.480	113	285242	43.940	ng	88
36) 4-Chloro-3-methylphenol	11.833	107	992156	45.409	ng	100
37) 2-Methylnaphthalene	12.216	142	1974636	44.376	ng	100
38) 1-Methylnaphthalene	12.433	142	2070968	43.850	ng	100
40) 1,2,4,5-Tetrachloroben...	12.586	216	1079199	45.562	ng	99
41) Hexachlorocyclopentadiene	12.575	237	1378505	95.831	ng	98
43) 2,4,6-Trichlorophenol	12.822	196	718186	46.107	ng	100

Sample Results: **BM050279.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050279.D
Acq On : 11 Jun 2025 18:04
Operator : RC/JU
Sample : PB168422BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168422BS

Quant Time: Jun 11 19:06:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	804528	47.042	ng	98
46) 1,1'-Biphenyl	13.233	154	2753920	44.836	ng	98
47) 2-Chloronaphthalene	13.269	162	2125274	44.507	ng	100
48) 2-Nitroaniline	13.469	65	541484	51.529	ng	98
49) Acenaphthylene	14.116	152	3482423	45.089	ng	99
50) Dimethylphthalate	13.857	163	2558075	46.112	ng	99
51) 2,6-Dinitrotoluene	13.963	165	543804	48.608	ng	93
52) Acenaphthene	14.457	154	2380717m	49.281	ng	
53) 3-Nitroaniline	14.292	138	577781	46.339	ng	99
54) 2,4-Dinitrophenol	14.498	184	610018	95.119	ng	94
55) Dibenzofuran	14.792	168	3186299	45.084	ng	100
56) 4-Nitrophenol	14.598	139	1118559	105.401	ng	98
57) 2,4-Dinitrotoluene	14.751	165	762971	51.699	ng	97
58) Fluorene	15.445	166	2494801	46.088	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	702979m	47.510	ng	
60) Diethylphthalate	15.227	149	2621821	47.632	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	1201635	45.931	ng	98
62) 4-Nitroaniline	15.457	138	597874	51.160	ng	99
63) Azobenzene	15.733	77	2596412	47.194	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	397041	47.026	ng	95
66) n-Nitrosodiphenylamine	15.651	169	2227656	45.864	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	770398	46.735	ng	98
68) Hexachlorobenzene	16.445	284	905927	47.038	ng	97
69) Atrazine	16.604	200	766193	49.508	ng	100
70) Pentachlorophenol	16.786	266	1264309	100.969	ng	99
71) Phenanthrene	17.174	178	4080812	46.211	ng	99
72) Anthracene	17.268	178	4142038	46.886	ng	99
73) Carbazole	17.533	167	3919579	48.701	ng	100
74) Di-n-butylphthalate	18.115	149	4450352	50.820	ng	100
75) Fluoranthene	19.192	202	4589967	49.287	ng	100
77) Benzidine	19.374	184	2517805	54.162	ng	99
78) Pyrene	19.551	202	4951901	44.443	ng	100
80) Butylbenzylphthalate	20.462	149	1866563	50.222	ng	99
81) Benzo(a)anthracene	21.345	228	4920652	47.027	ng	100
82) 3,3'-Dichlorobenzidine	21.268	252	1266170	39.681	ng	99
83) Chrysene	21.409	228	4748406	47.708	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	2980181	52.057	ng	99
85) Di-n-octyl phthalate	22.421	149	4646981	54.703	ng	99
87) Indeno(1,2,3-cd)pyrene	27.691	276	6001859	51.635	ng	100
88) Benzo(b)fluoranthene	23.403	252	4997528	47.615	ng	99
89) Benzo(k)fluoranthene	23.462	252	5043883	47.074	ng	100
90) Benzo(a)pyrene	24.197	252	4817750	48.821	ng	99
91) Dibenzo(a,h)anthracene	27.756	278	4873588	51.655	ng	99
92) Benzo(g,h,i)perylene	28.738	276	4962109	52.547	ng	99

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

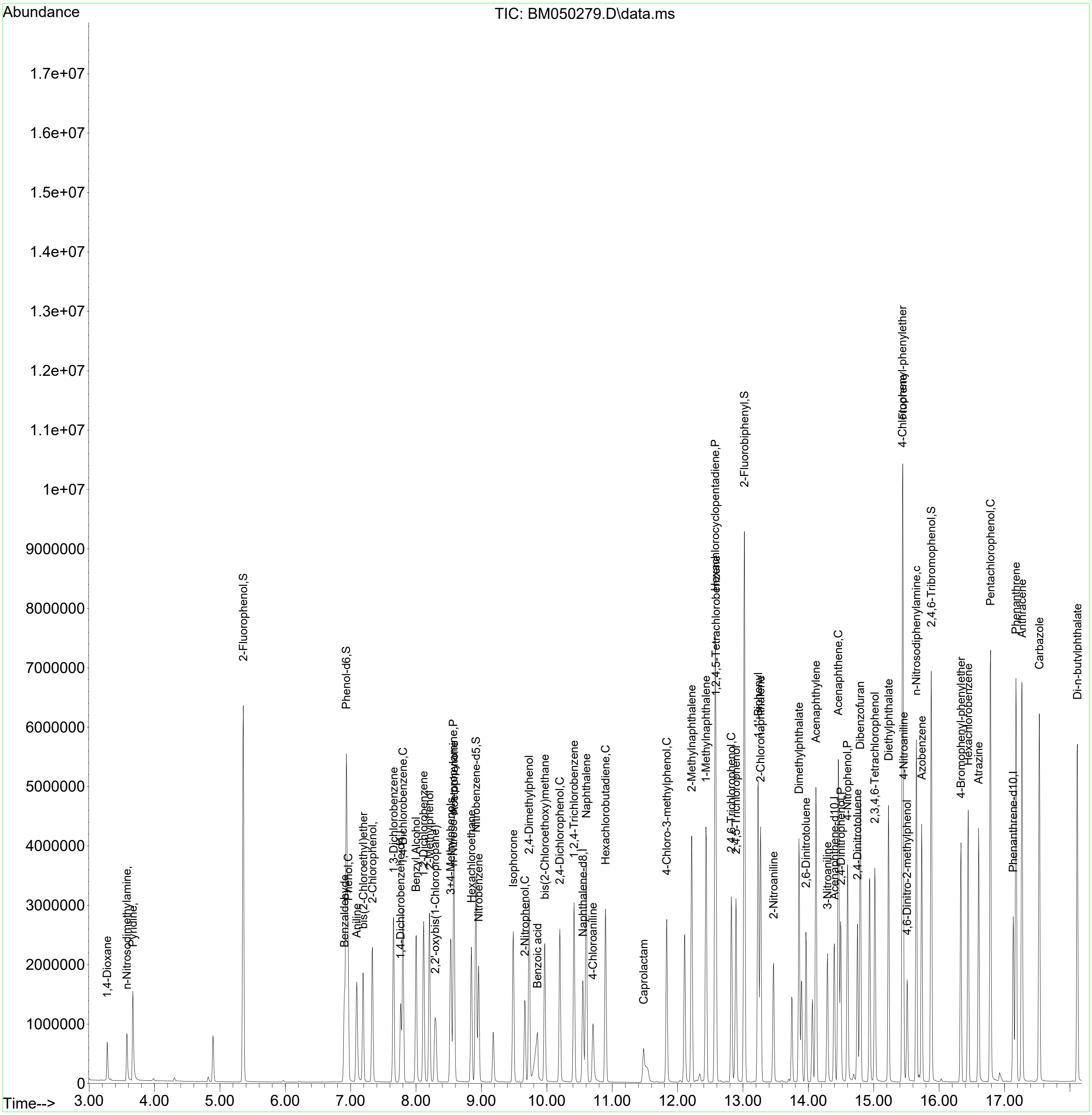
Quantitation Report   (QT Reviewed)

Sample Results: **BM050279.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050279.D
Acq On   : 11 Jun 2025 18:04
Operator : RC/JU
Sample   : PB168422BS
Misc   :
ALS Vial : 4   Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168422BS

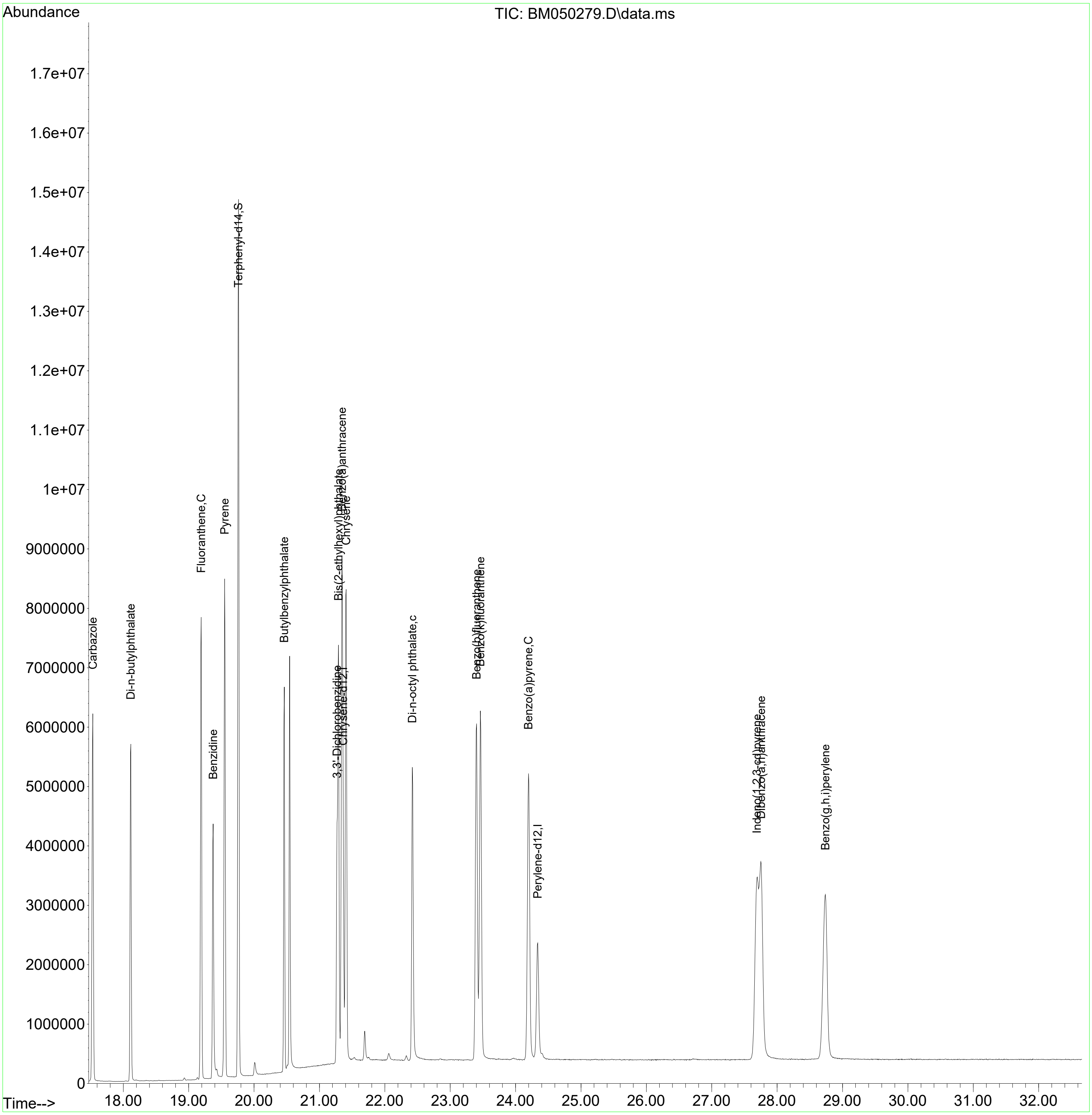
Quant Time: Jun 11 19:06:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



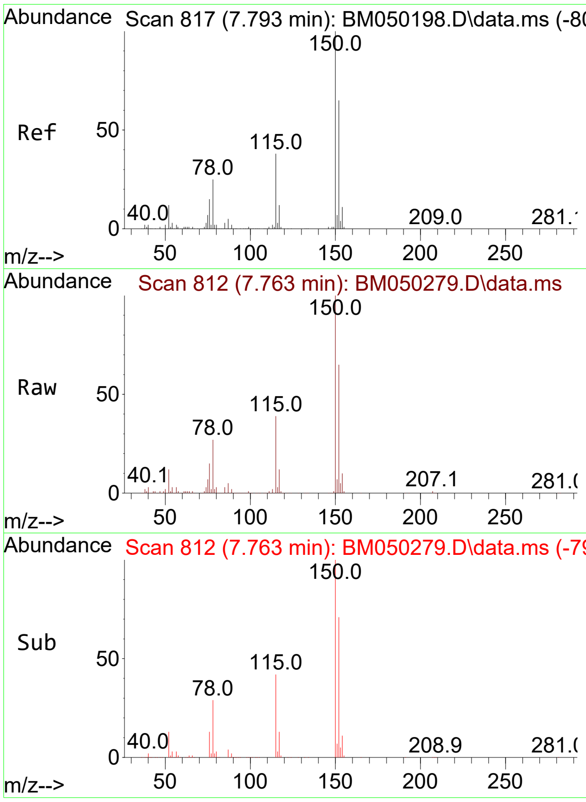
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050279.D
Acq On   : 11 Jun 2025 18:04
Operator : RC/JU
Sample   : PB168422BS
Misc   :
ALS Vial : 4   Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168422BS

Quant Time: Jun 11 19:06:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



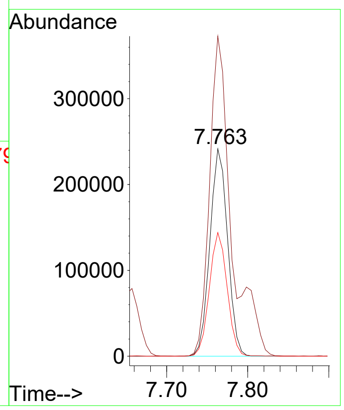
Instrument :
BNA_M
ClientSampleId :
PB168422BS

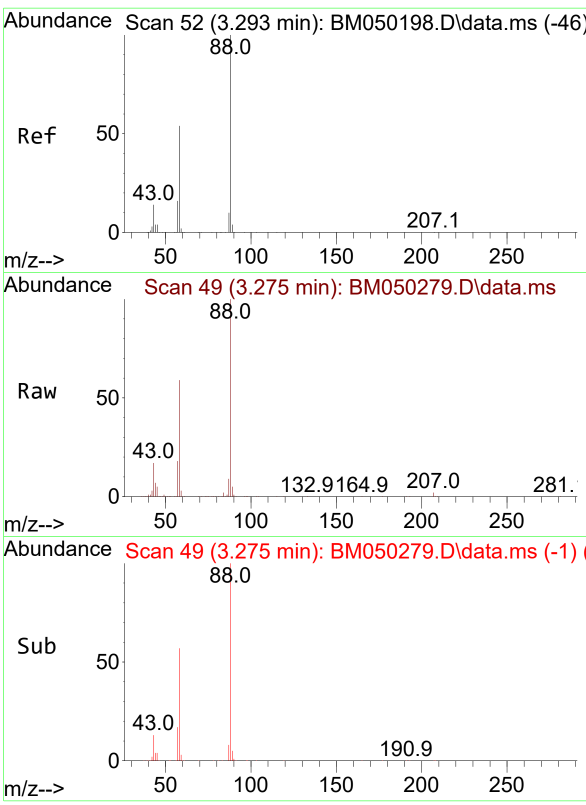


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:152 Resp: 367361

Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.2	183.4
115	59.7	46.3	69.5

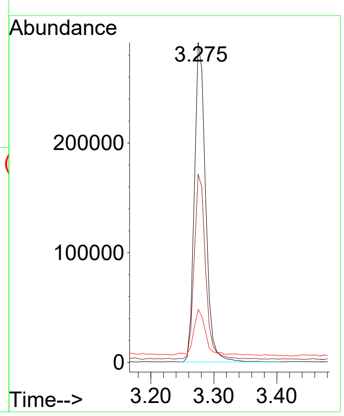




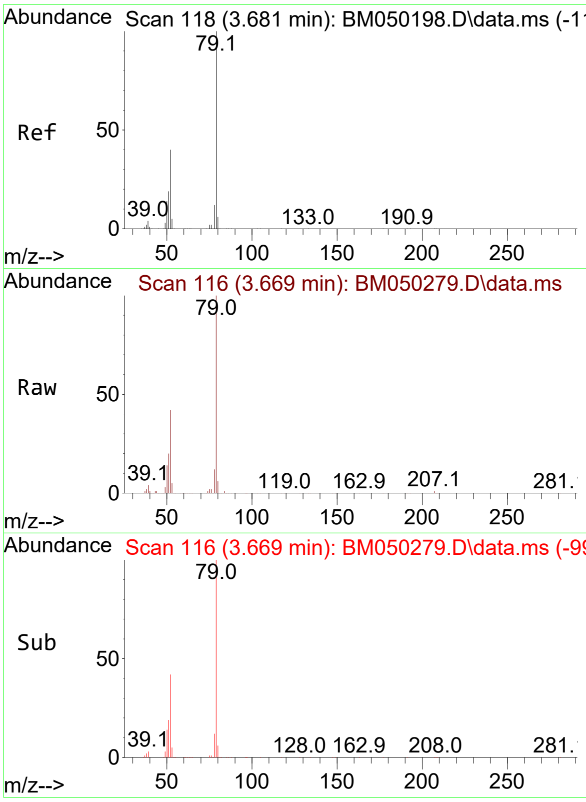
#2
1,4-Dioxane
Concen: 37.325 ng
RT: 3.275 min Scan# 49
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 88 Resp: 360302

Ion	Ratio	Lower	Upper
88	100		
58	57.7	42.9	64.3
43	14.7	11.0	16.6



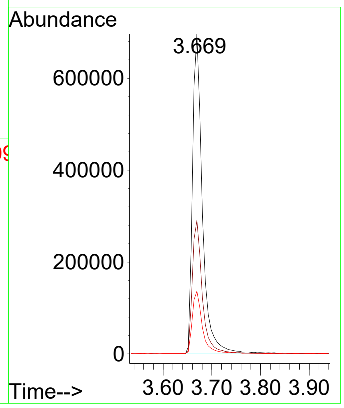
Instrument :
BNA_M
ClientSampleId :
PB168422BS

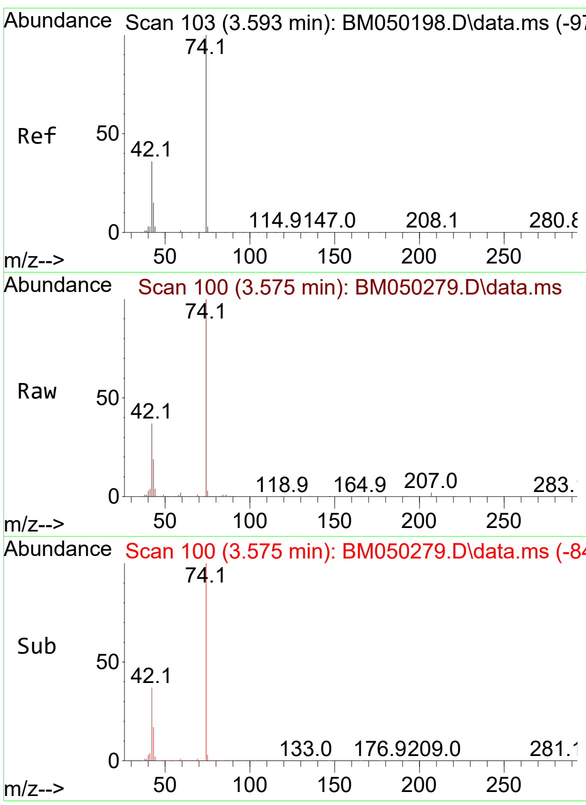


#3
Pyridine
Concen: 39.931 ng
RT: 3.669 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 79 Resp: 998204

Ion	Ratio	Lower	Upper
79	100		
52	41.7	32.1	48.1
51	19.6	15.4	23.0

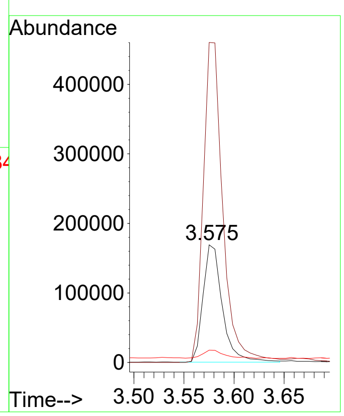




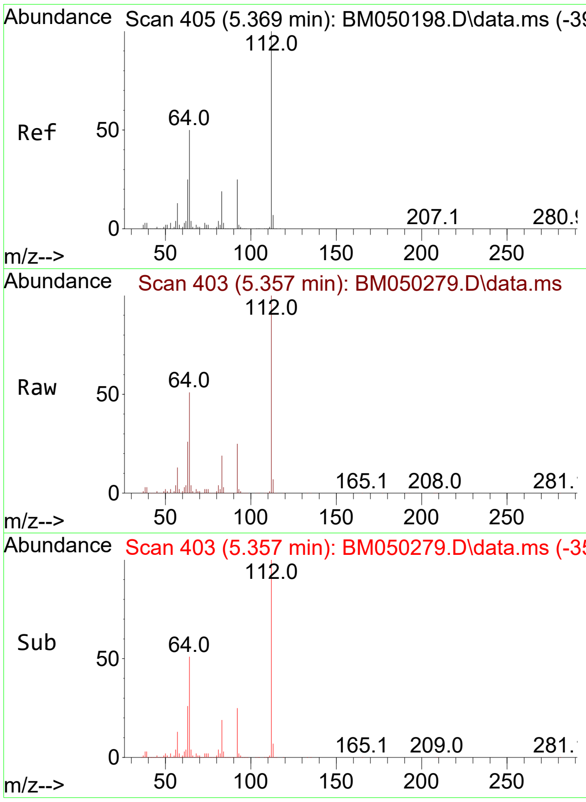
#4
n-Nitrosodimethylamine
Concen: 44.093 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 42 Resp: 227930

Ion	Ratio	Lower	Upper
42	100		
74	272.2	222.0	333.0
44	10.5	7.0	10.6



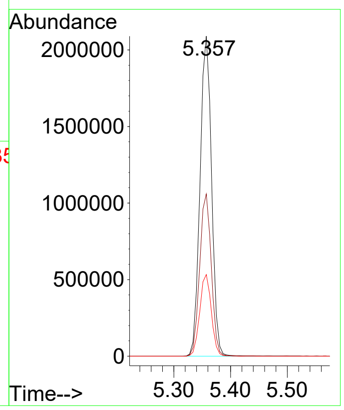
Instrument :
BNA_M
ClientSampleId :
PB168422BS

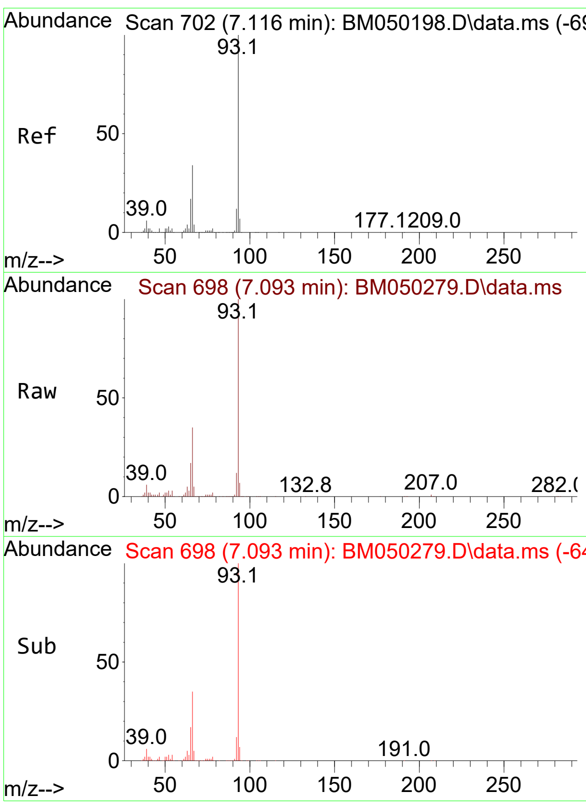


#5
2-Fluorophenol
Concen: 134.537 ng
RT: 5.357 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:112 Resp: 2962799

Ion	Ratio	Lower	Upper
112	100		
64	50.7	39.8	59.6
63	25.5	19.8	29.8

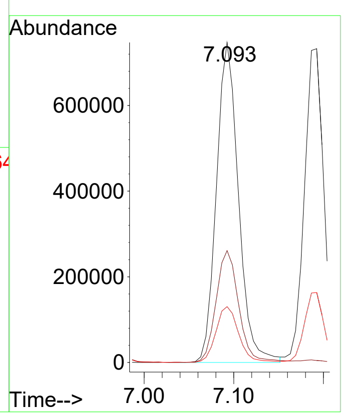




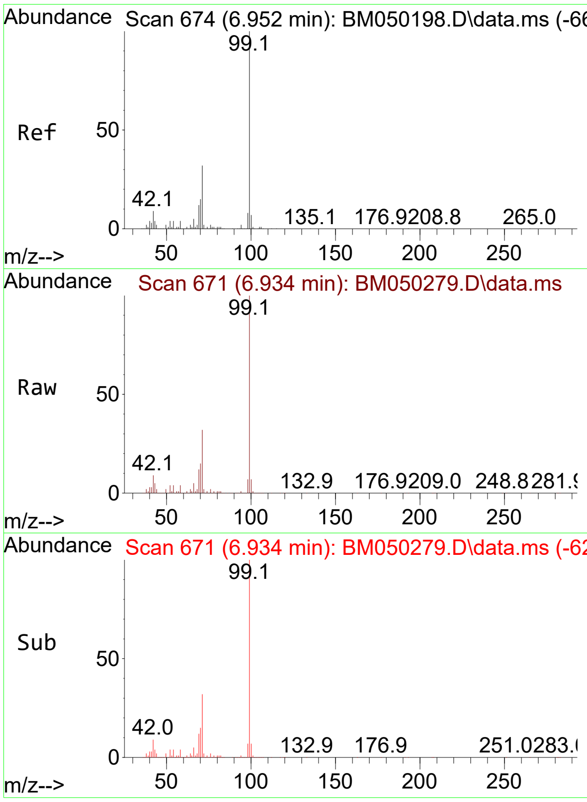
#6
Aniline
Concen: 33.335 ng
RT: 7.093 min Scan# 698
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 93 Resp: 1277545

Ion	Ratio	Lower	Upper
93	100		
66	35.0	27.4	41.2
65	17.4	13.6	20.4



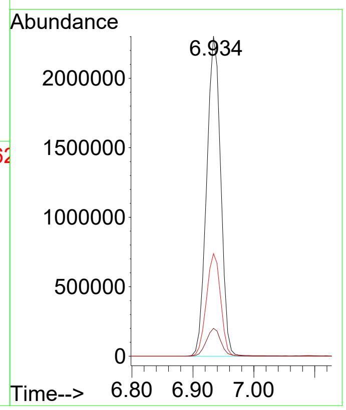
Instrument :
BNA_M
ClientSampleId :
PB168422BS

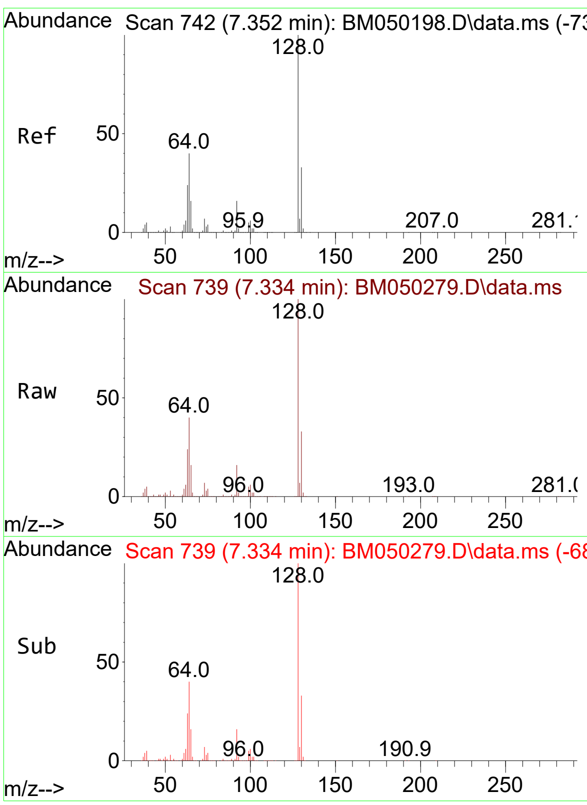


#7
Phenol-d6
Concen: 127.094 ng
RT: 6.934 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 99 Resp: 3684473

Ion	Ratio	Lower	Upper
99	100		
42	8.7	6.9	10.3
71	32.1	25.3	37.9

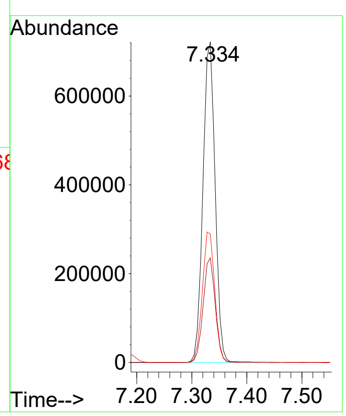




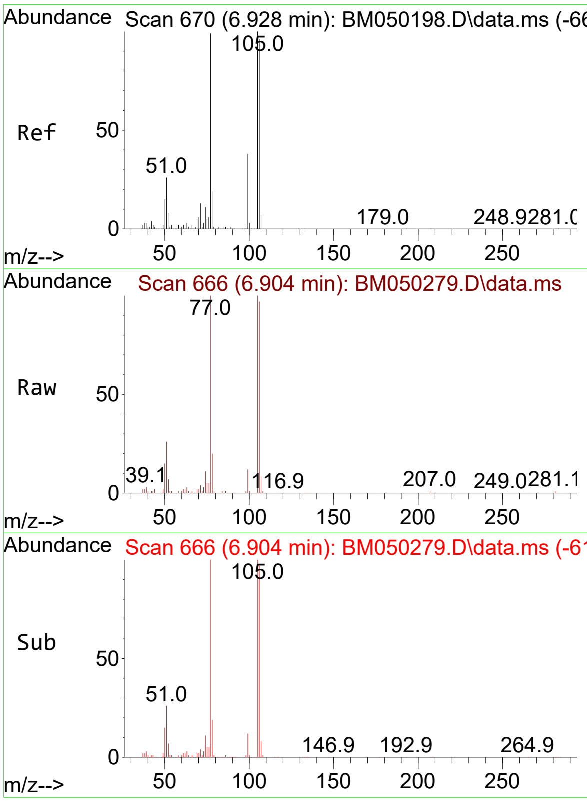
#8
2-Chlorophenol
Concen: 46.002 ng
RT: 7.334 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:128 Resp: 1114316

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	40.2	19.8	59.8



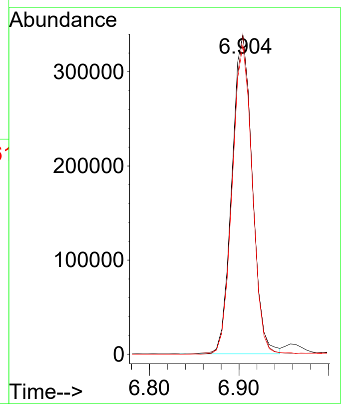
Instrument :
BNA_M
ClientSampleId :
PB168422BS

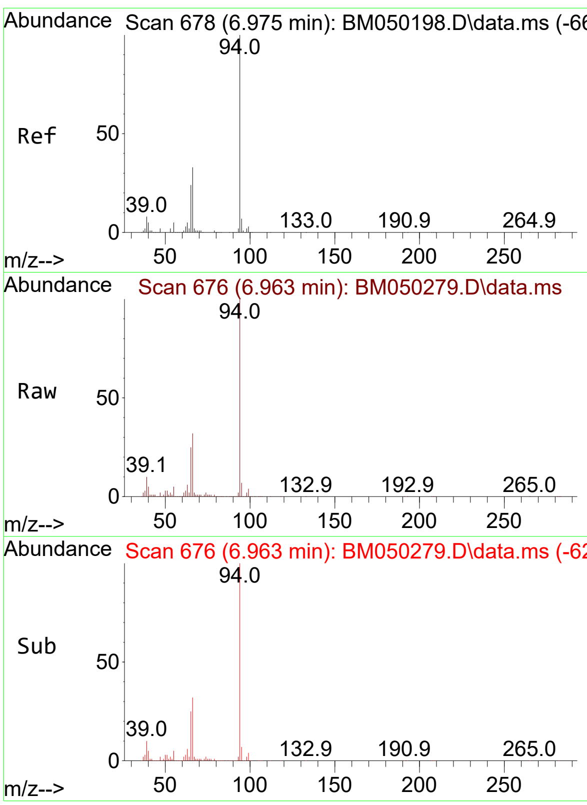


#9
Benzaldehyde
Concen: 29.124 ng
RT: 6.904 min   Scan# 6
Delta R.T.   -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025   18:04

Tgt Ion: 77 Resp: 536806

Ion	Ratio	Lower	Upper
77	100		
105	100.0	80.9	120.9
106	96.7	77.1	117.1

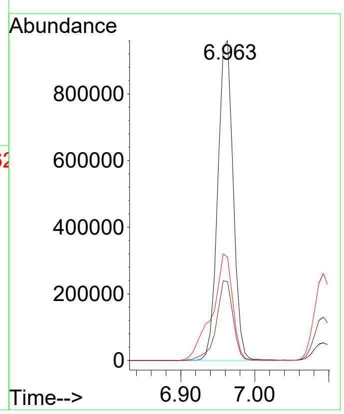




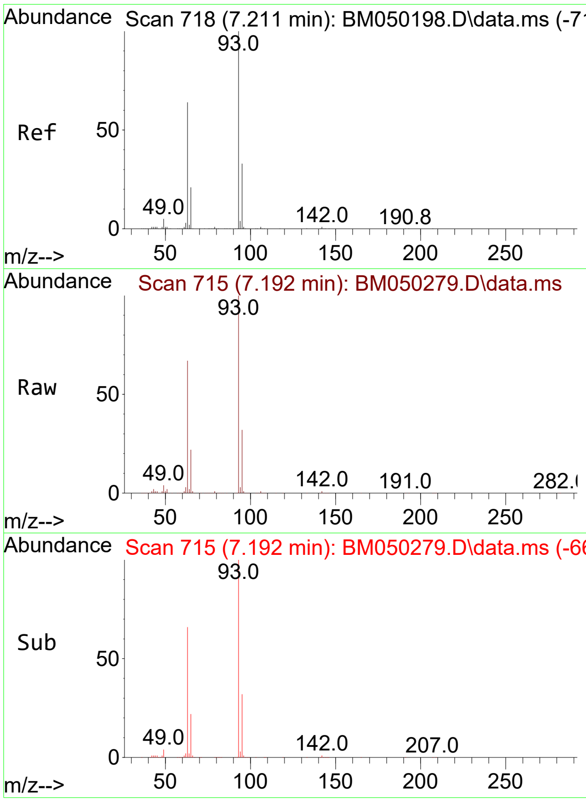
#10
Phenol
Concen: 45.261 ng
RT: 6.963 min   Scan# 676
Delta R.T.   0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025   18:04

Tgt Ion: 94 Resp: 1388305

Ion	Ratio	Lower	Upper
94	100		
65	24.6	4.3	44.3
66	32.3	12.9	52.9



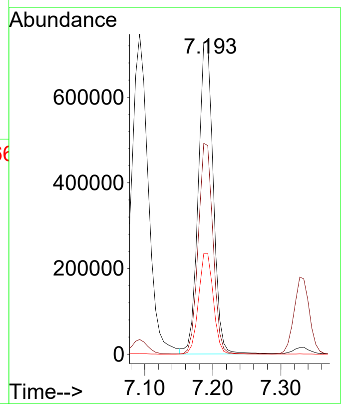
Instrument :
BNA_M
ClientSampleId :
PB168422BS

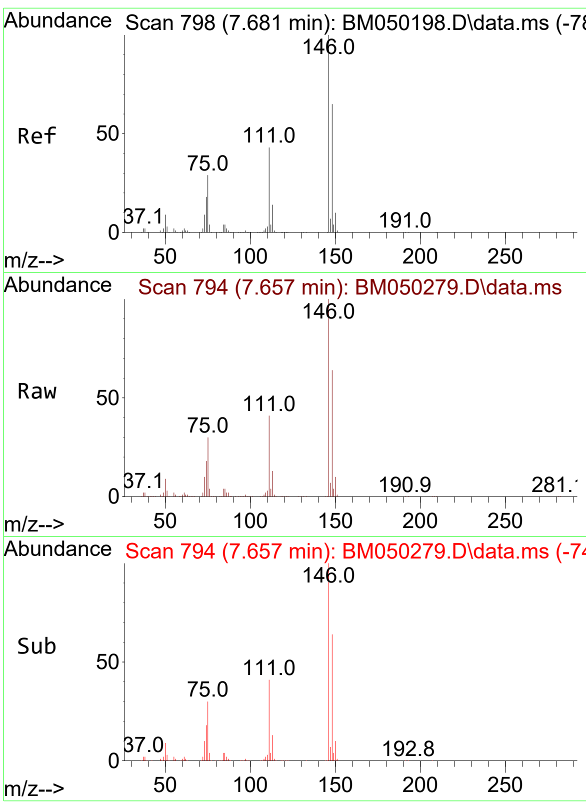


#11
bis(2-Chloroethyl)ether
Concen: 45.381 ng
RT: 7.192 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 93 Resp: 1119628

Ion	Ratio	Lower	Upper
93	100		
63	66.5	43.9	83.9
95	32.1	12.7	52.7

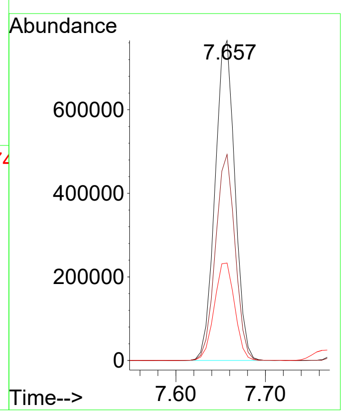




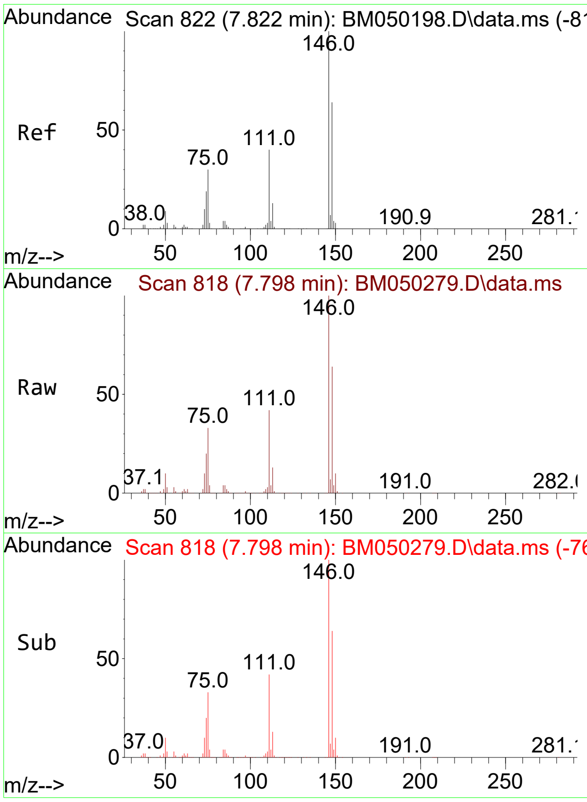
#12
1,3-Dichlorobenzene
Concen: 43.646 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:146 Resp: 1181939

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	30.4	23.4	35.0



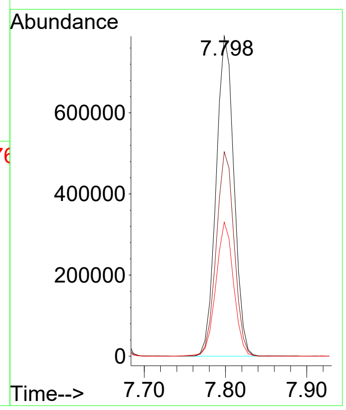
Instrument : BNA_M
ClientSampleId : PB168422BS

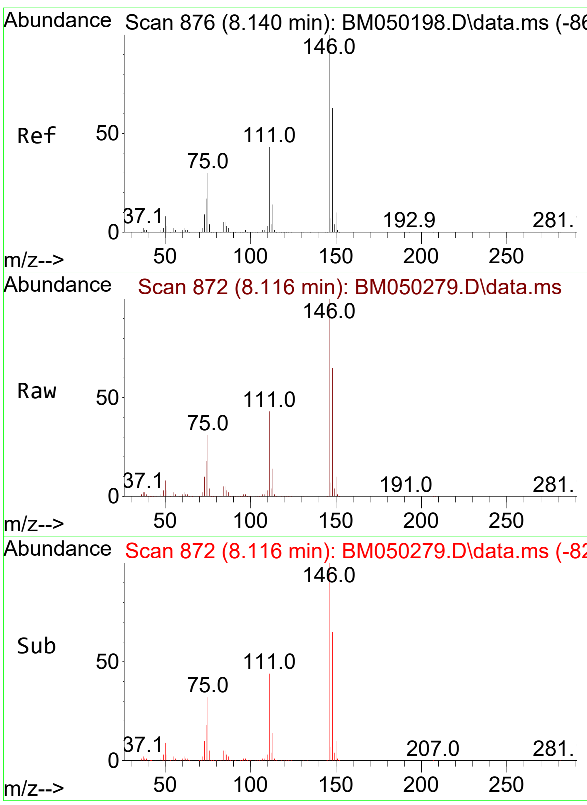


#13
1,4-Dichlorobenzene
Concen: 42.895 ng
RT: 7.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:146 Resp: 1208602

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	41.9	32.3	48.5

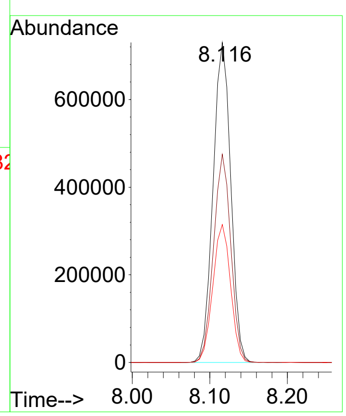




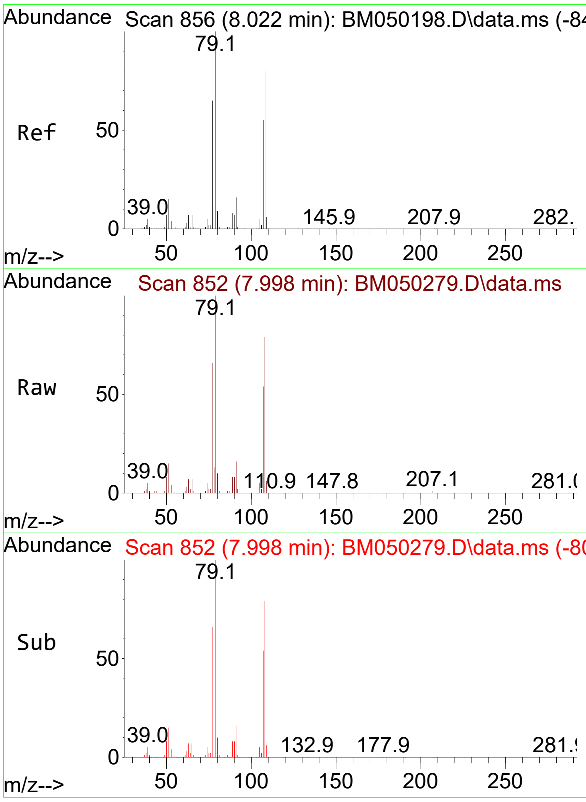
#14
1,2-Dichlorobenzene
Concen: 43.255 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:146 Resp: 1161820

Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	43.1	34.3	51.5



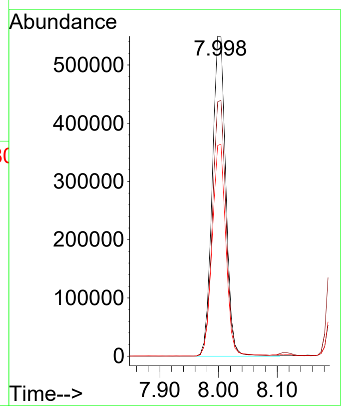
Instrument :
BNA_M
ClientSampleId :
PB168422BS

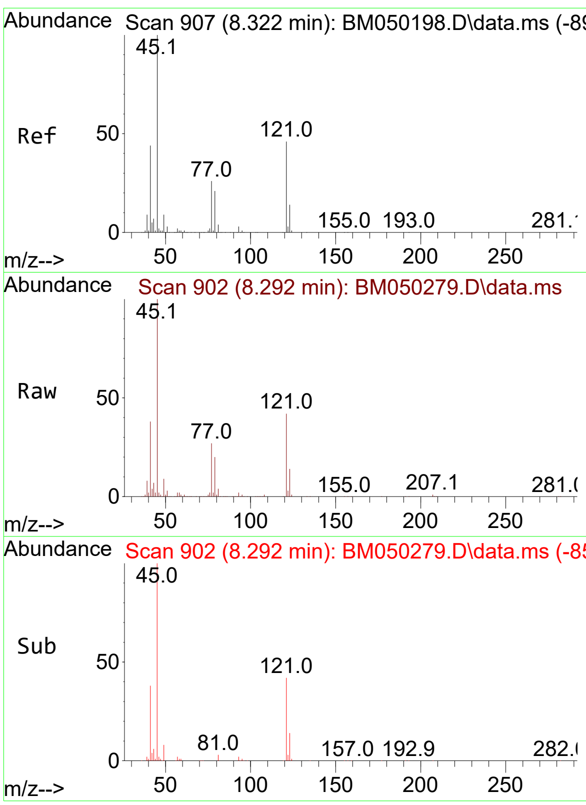


#15
Benzyl Alcohol
Concen: 42.902 ng
RT: 7.998 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 79 Resp: 887072

Ion	Ratio	Lower	Upper
79	100		
108	79.5	64.0	96.0
77	65.8	52.2	78.2

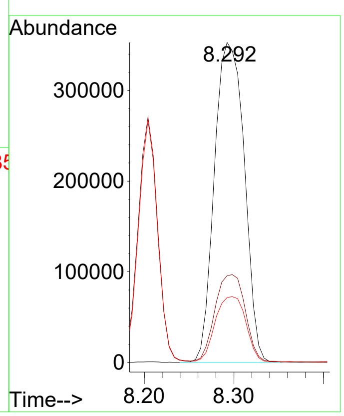




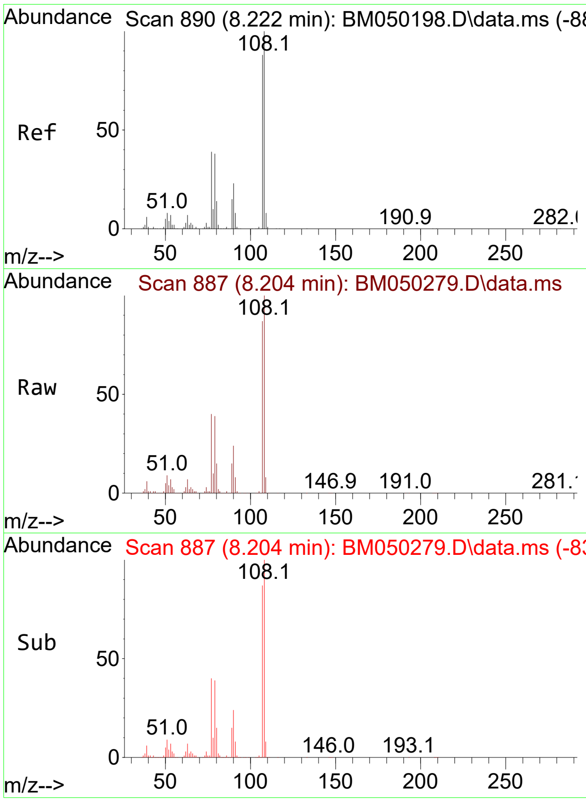
#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.673 ng
RT: 8.292 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 45 Resp: 817058

Ion	Ratio	Lower	Upper
45	100		
77	27.1	8.7	48.7
79	20.3	2.7	42.7



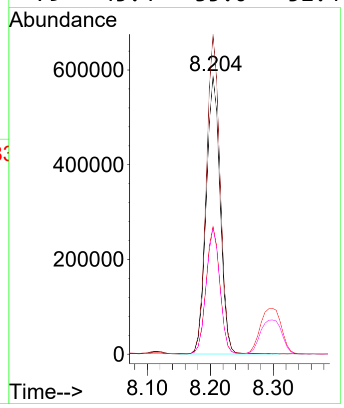
Instrument :
BNA_M
ClientSampleId :
PB168422BS

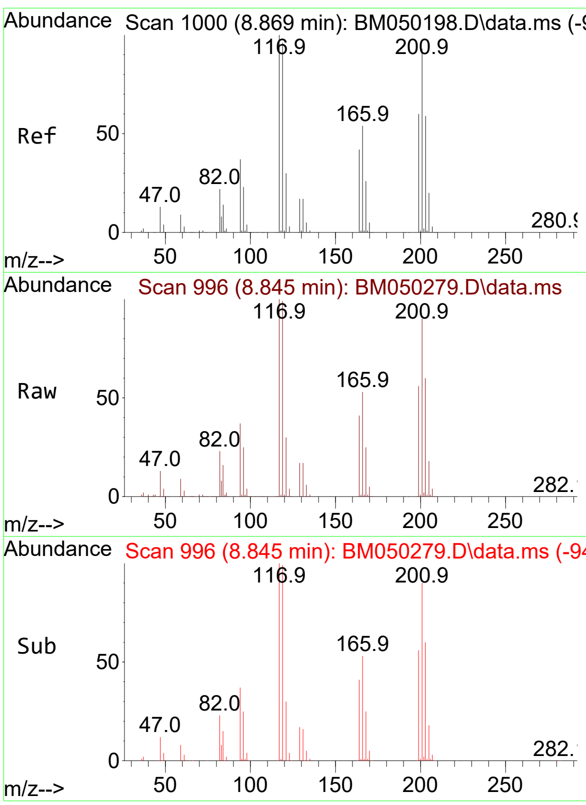


#17
2-Methylphenol
Concen: 44.099 ng
RT: 8.204 min   Scan# 8
Delta R.T.   0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025   18:04

Tgt Ion:107 Resp: 892503

Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.8	136.2
77	46.0	35.7	53.5
79	45.4	35.0	52.4

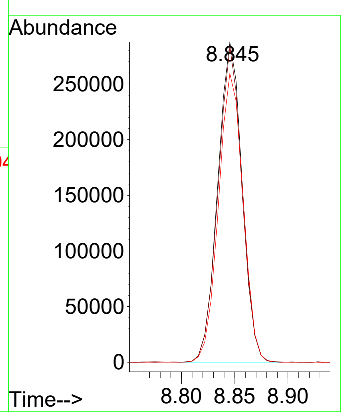




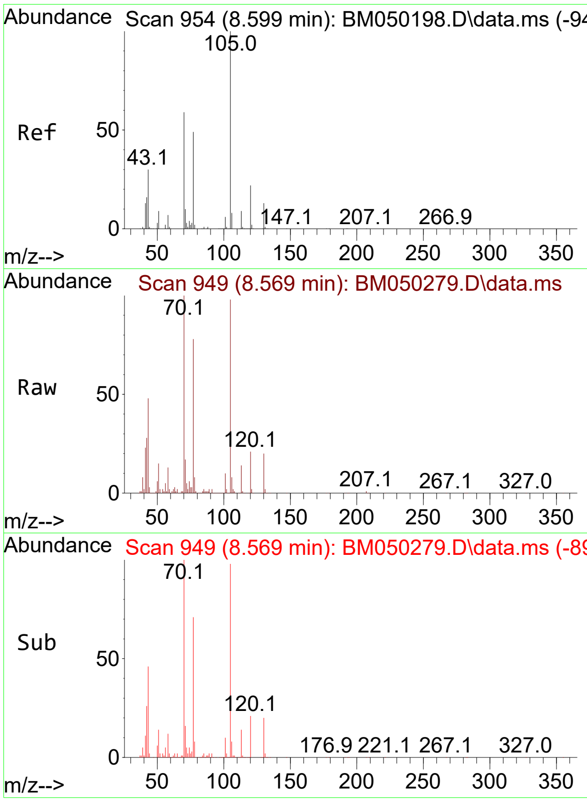
#18
Hexachloroethane
Concen: 44.883 ng
RT: 8.845 min   Scan# 996
Delta R.T.   -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025   18:04

Tgt Ion:117 Resp: 457970

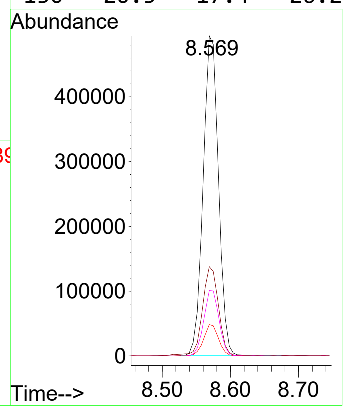
Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.0	115.6
201	90.2	74.6	111.8

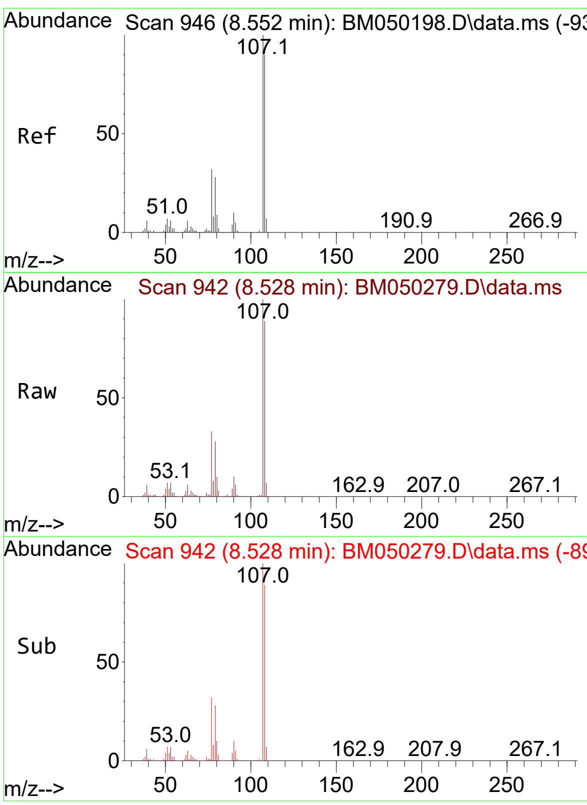


Instrument :
BNA_M
ClientSampleId :
PB168422BS

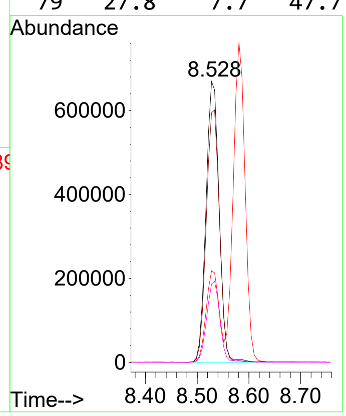



```
#19
n-Nitroso-di-n-propylamine
Concen:    43.461 ng
RT:    8.569 min   Scan# 94
Delta R.T.   -0.006 min
Lab File:    BM050279.D
Acq: 11 Jun 2025   18:04

Tgt Ion: 70 Resp:   771024
Ion   Ratio   Lower   Upper
 70   100
 42    27.9    22.6    33.8
101     9.8     8.3    12.5
130    20.5    17.4    26.2
```

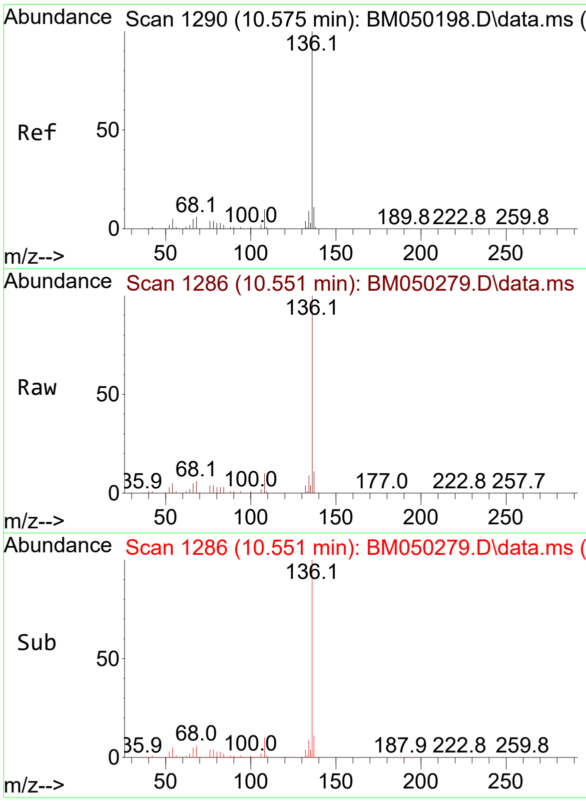





```
#20
3+4-Methylphenols
Concen:    43.759 ng
RT:    8.528 min   Scan# 942
Delta R.T.   -0.006 min
Lab File:    BM050279.D
Acq: 11 Jun 2025   18:04

Tgt Ion:107 Resp: 1184887
Ion   Ratio   Lower   Upper
107   100
108    88.9    70.4   110.4
 77    32.6    12.2    52.2
 79    27.8     7.7    47.7
```



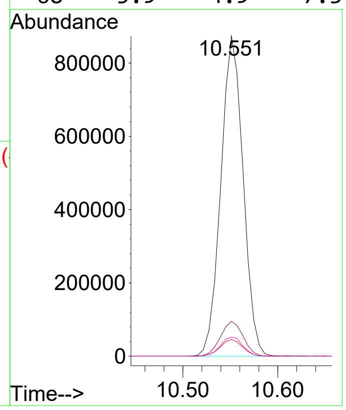
Instrument :
BNA_M
ClientSampleId :
PB168422BS

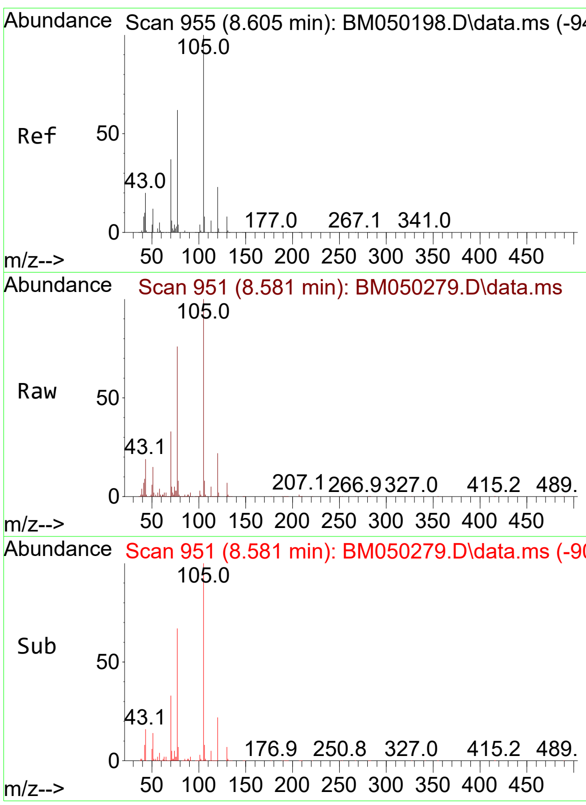


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1
Delta R.T.   -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:136 Resp: 1426636

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.2	3.8	5.8
68	5.9	4.9	7.3

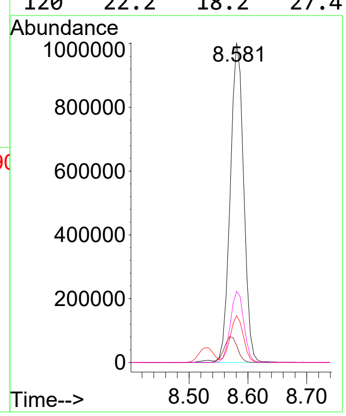


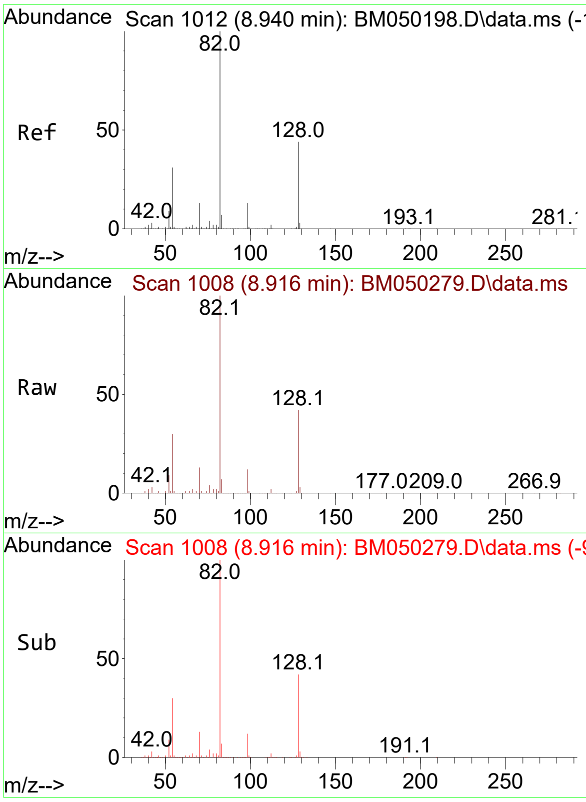


#22
Acetophenone
Concen: 44.821 ng
RT: 8.581 min Scan# 951
Delta R.T.   -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:105 Resp: 1597495

Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.0	7.4
51	14.6	11.4	17.2
120	22.2	18.2	27.4



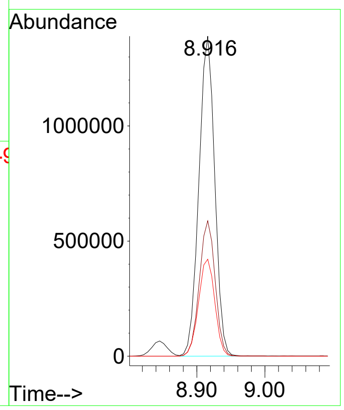


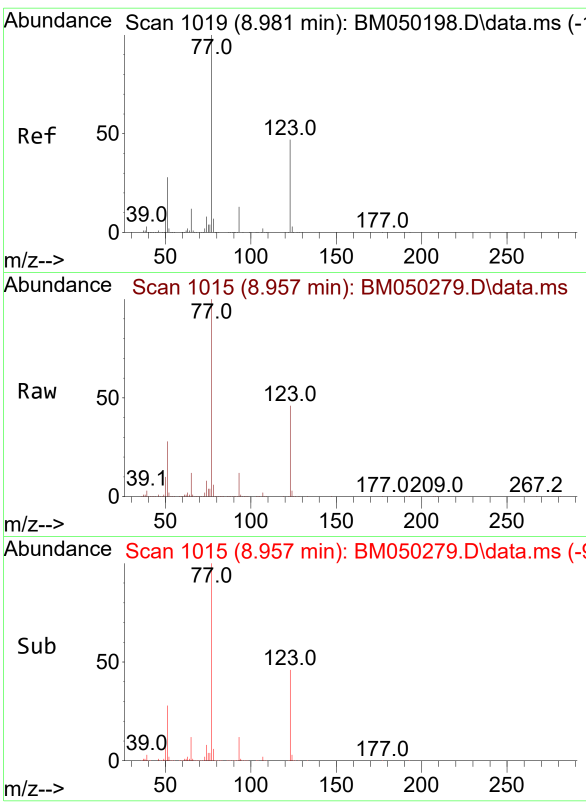
#23
Nitrobenzene-d5
Concen: 81.935 ng
RT: 8.916 min   Scan# 1008
Delta R.T.   0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025   18:04

Instrument :
BNA_M
ClientSampleId :
PB168422BS

Tgt Ion: 82 Resp: 2247562

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.2	52.8
54	30.3	24.5	36.7

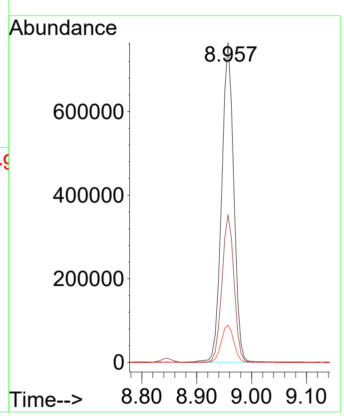




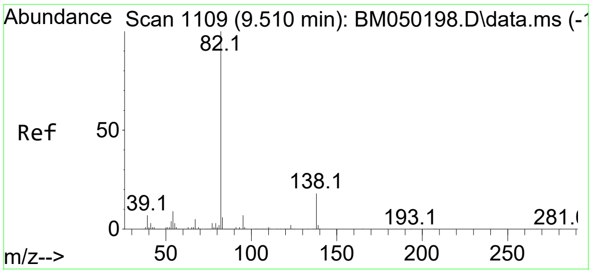
#24
Nitrobenzene
Concen: 46.791 ng
RT: 8.957 min   Scan# 1015
Delta R.T.   -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025   18:04

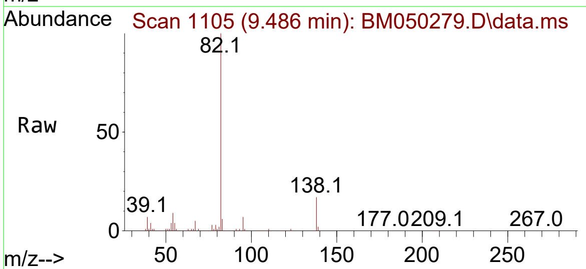
Tgt Ion: 77 Resp: 1167346

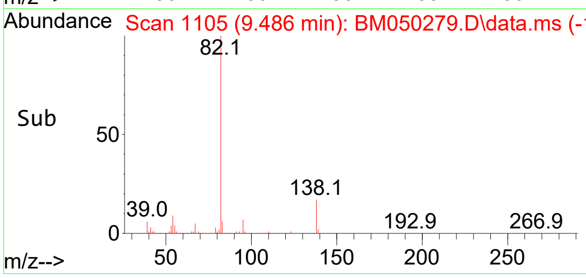
Ion	Ratio	Lower	Upper
77	100		
123	46.1	38.2	57.2
65	11.7	9.5	14.3



Instrument :
BNA_M
ClientSampleId :
PB168422BS



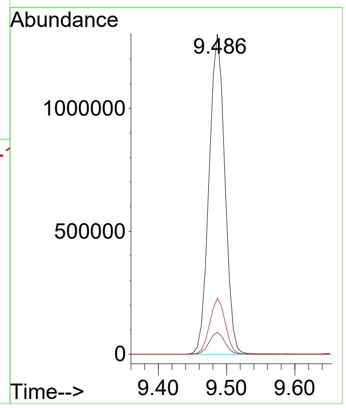


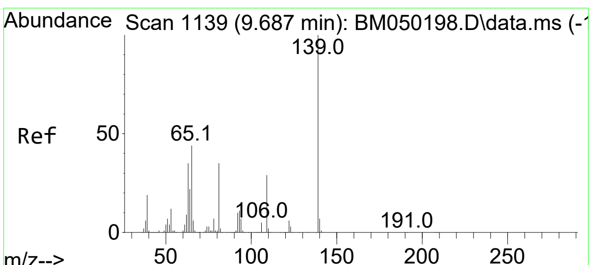


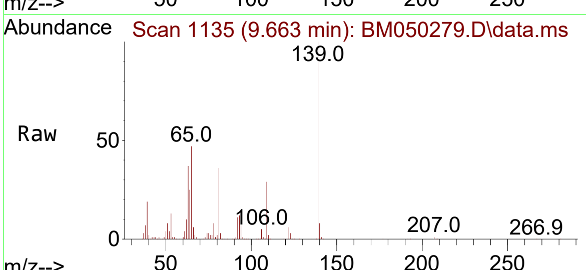
#25
Isophorone
Concen: 44.161 ng
RT: 9.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

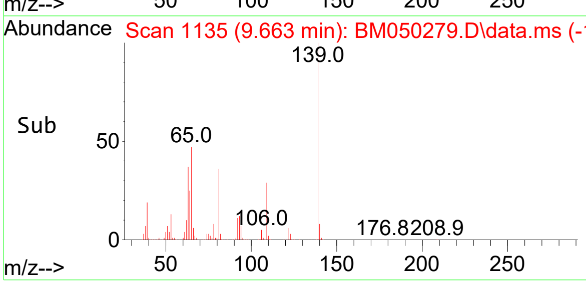
Tgt Ion: 82 Resp: 2090820

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.7	8.5
138	17.5	14.2	21.2





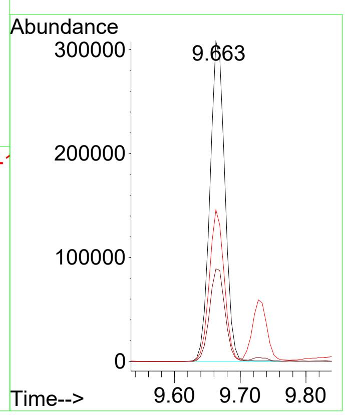




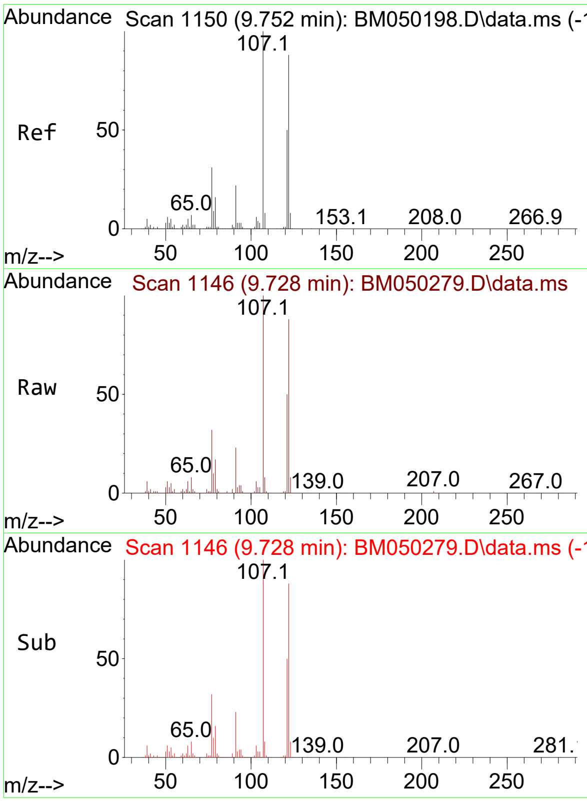
#26
2-Nitrophenol
Concen: 45.450 ng
RT: 9.663 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:139 Resp: 489455

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.3	34.9
65	47.4	35.2	52.8



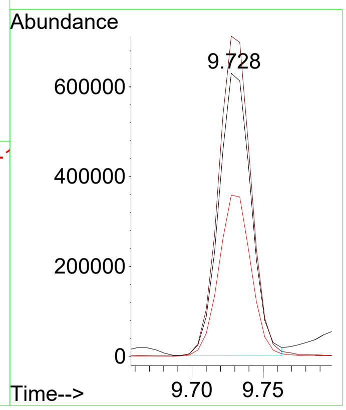
Instrument :
BNA_M
ClientSampleId :
PB168422BS

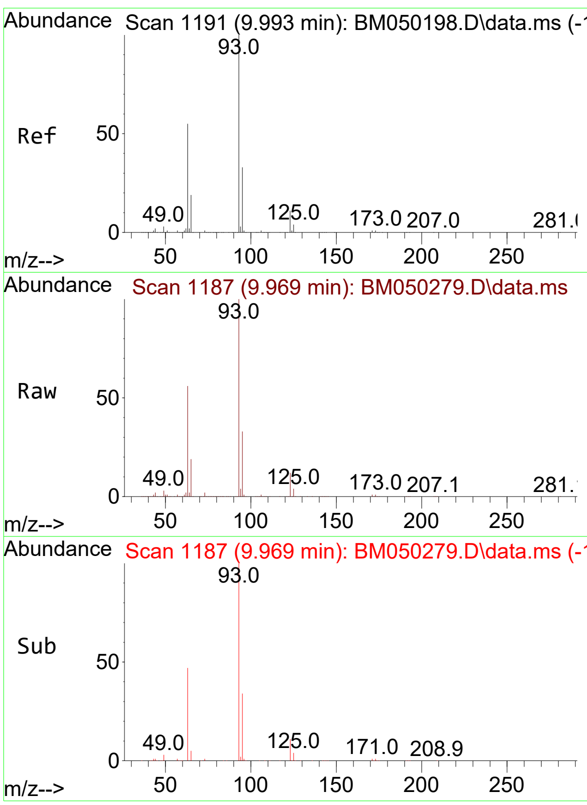


#27
2,4-Dimethylphenol
Concen: 44.890 ng
RT: 9.728 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:122 Resp: 993288

Ion	Ratio	Lower	Upper
122	100		
107	113.1	91.0	136.6
121	56.9	45.8	68.6

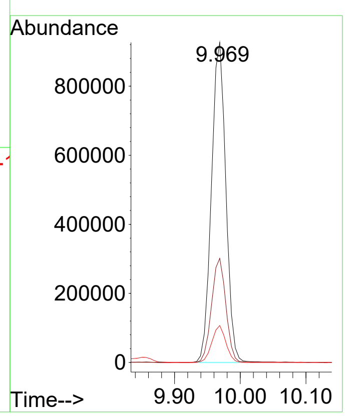




#28
bis(2-Chloroethoxy)methane
Concen: 45.772 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

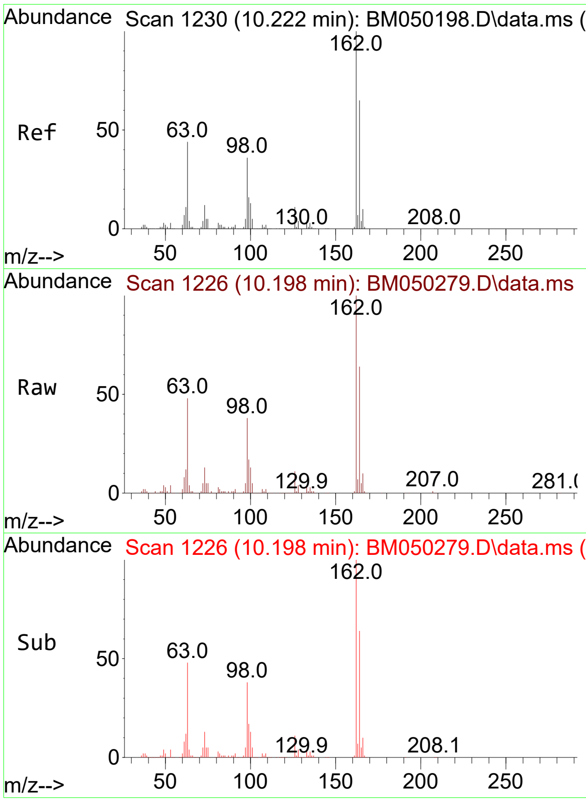
Tgt Ion: 93 Resp: 1415710

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.6	8.9	13.3

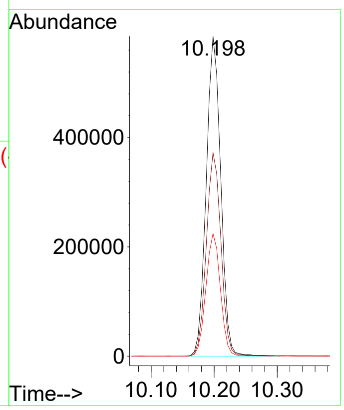


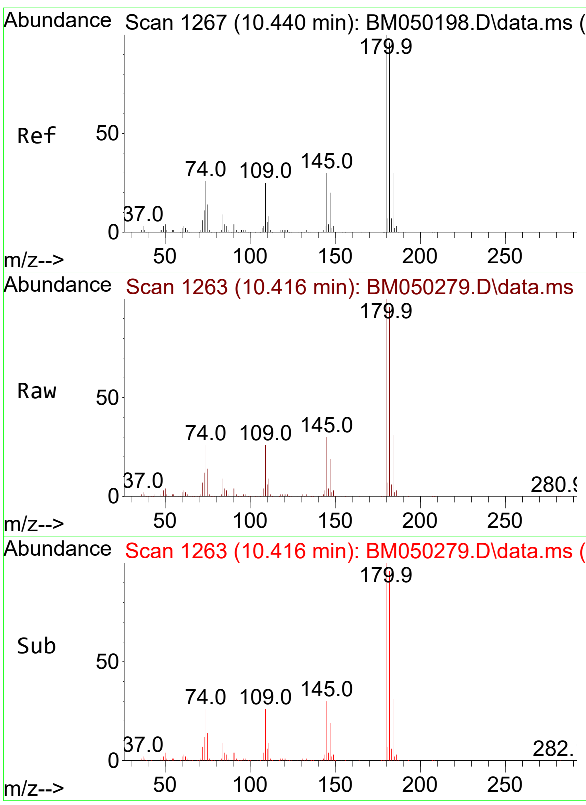
Sample Results: **BM050279.D**

Instrument :
BNA_M
ClientSampleId :
PB168422BS

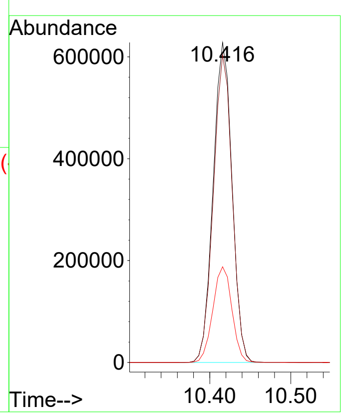



```
#29
2,4-Dichlorophenol
Concen:   45.764 ng
RT:  10.198 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BM050279.D
Acq: 11 Jun 2025  18:04

Tgt Ion:162 Resp:  937076
Ion  Ratio  Lower  Upper
162  100
164   63.7   45.0   85.0
 98   38.4   16.3   56.3
```

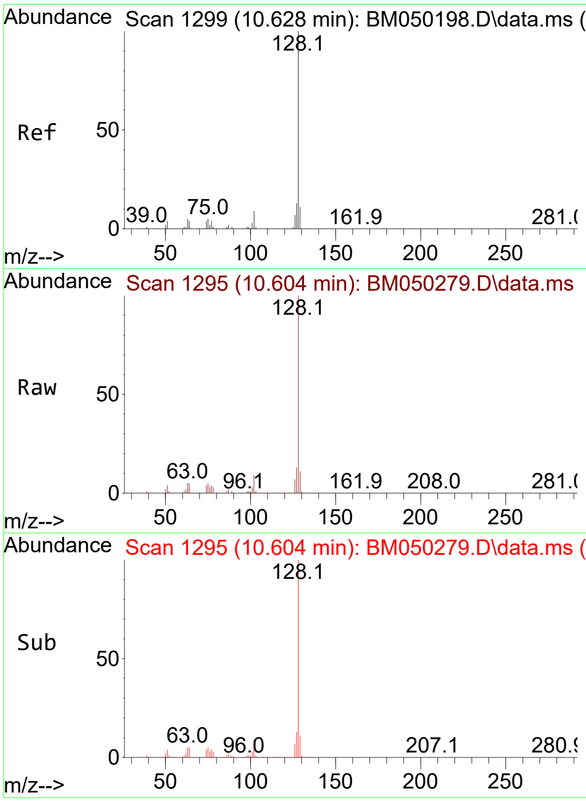





```
#30
1,2,4-Trichlorobenzene
Concen:   44.694 ng
RT:  10.416 min  Scan# 1263
Delta R.T.  -0.006 min
Lab File:   BM050279.D
Acq: 11 Jun 2025  18:04

Tgt Ion:180 Resp: 1018391
Ion  Ratio  Lower  Upper
180  100
182   96.1   76.6  114.8
145   29.9   24.2   36.4
```



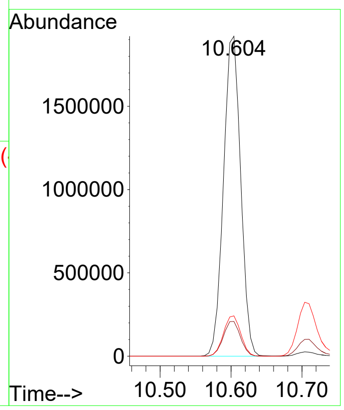
Instrument :
BNA_M
ClientSampleId :
PB168422BS

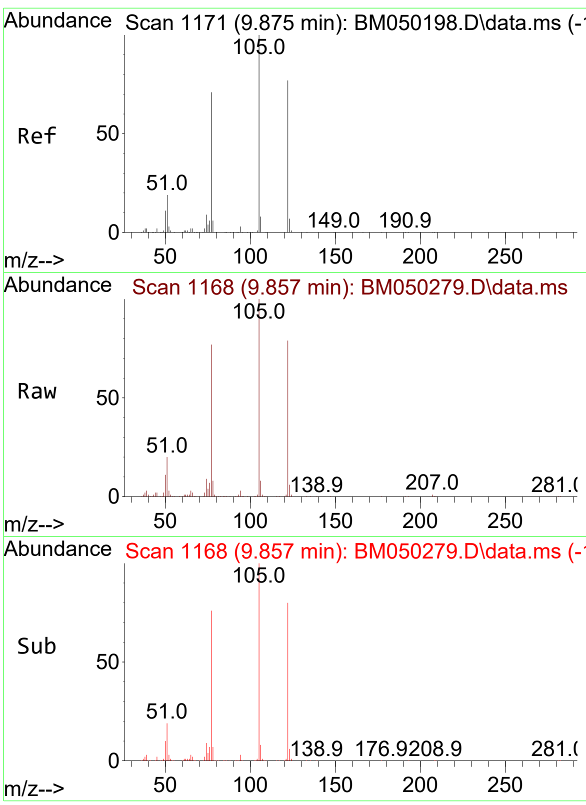


#31
Naphthalene
Concen: 43.761 ng
RT: 10.604 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025   18:04

Tgt Ion:128 Resp: 3227821

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	12.6	10.2	15.4

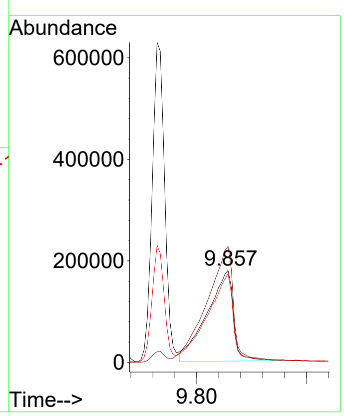




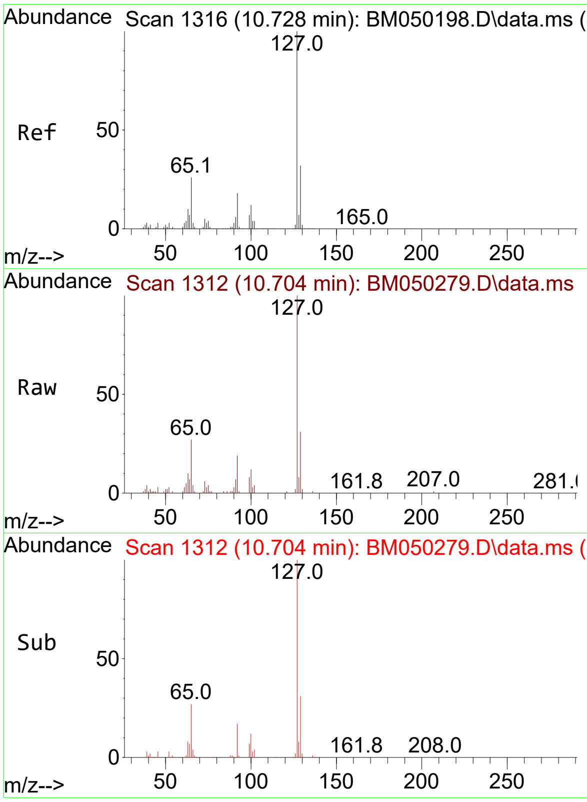
#32
Benzoic acid
Concen: 42.924 ng
RT: 9.857 min   Scan# 1168
Delta R.T.   0.012 min
Lab File: BM050279.D
Acq: 11 Jun 2025   18:04

Tgt Ion:122 Resp: 596889

Ion	Ratio	Lower	Upper
122	100		
105	125.8	103.4	143.4
77	96.4	70.3	110.3



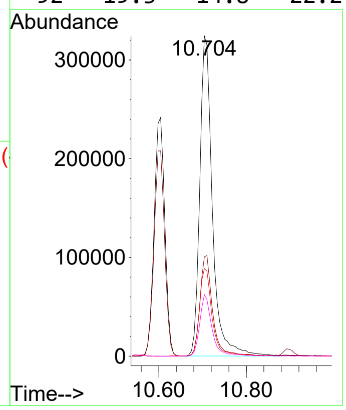
Instrument :
BNA_M
ClientSampleId :
PB168422BS

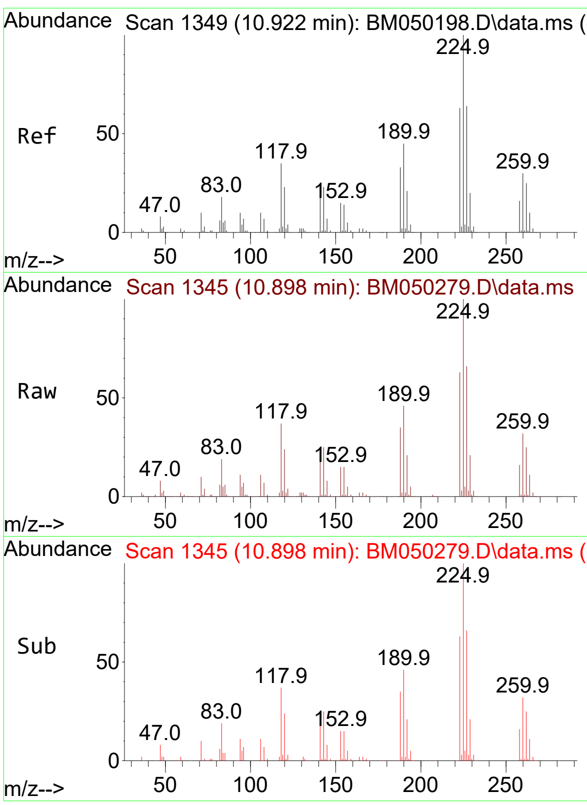


#33
4-Chloroaniline
Concen: 20.806 ng
RT: 10.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:127 Resp: 654281

Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.4	38.0
65	27.4	21.0	31.4
92	19.3	14.8	22.2

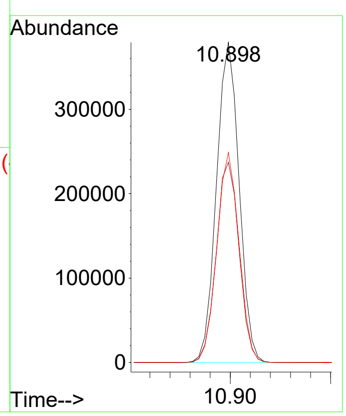




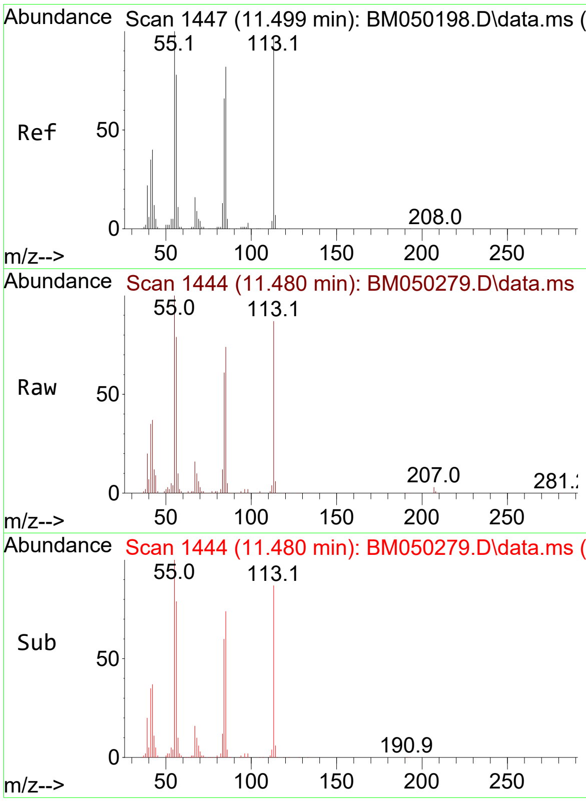
#34
Hexachlorobutadiene
Concen: 43.734 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:225 Resp: 592737

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	65.6	51.0	76.4



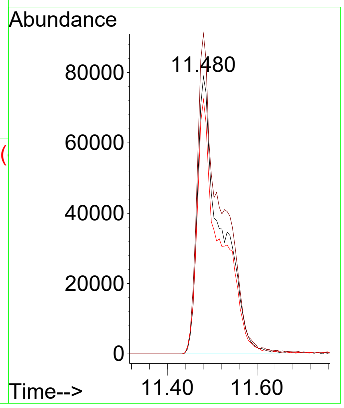
Instrument :
BNA_M
ClientSampleId :
PB168422BS

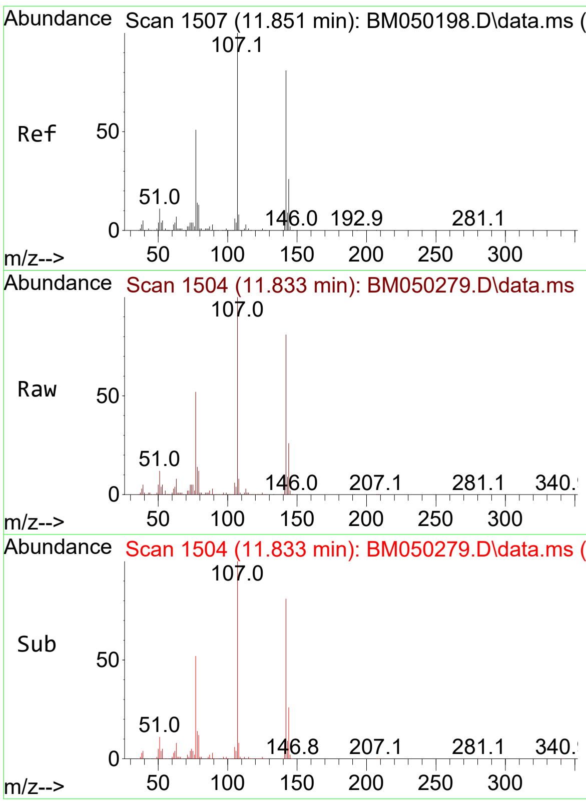


#35
Caprolactam
Concen: 43.940 ng
RT: 11.480 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:113 Resp: 285242

Ion	Ratio	Lower	Upper
113	100		
55	115.5	83.5	123.5
56	91.8	60.6	100.6

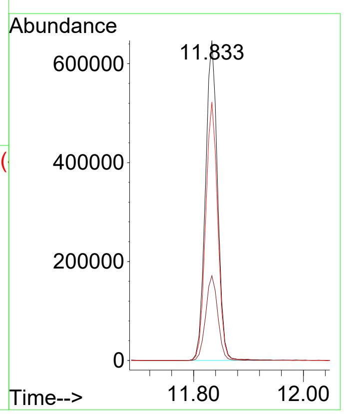




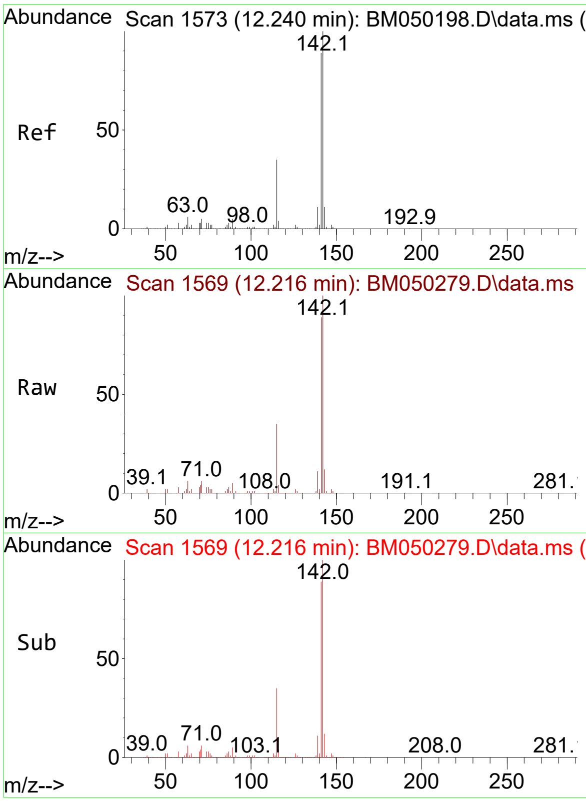
#36
4-Chloro-3-methylphenol
Concen: 45.409 ng
RT: 11.833 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:107 Resp: 992156

Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.0	31.6
142	80.7	64.8	97.2



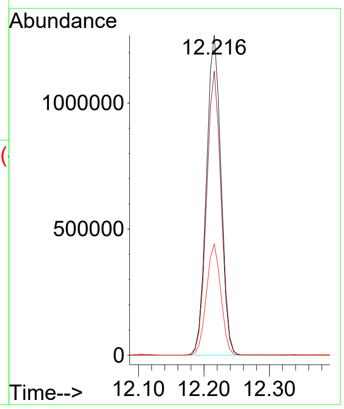
Instrument :
BNA_M
ClientSampleId :
PB168422BS

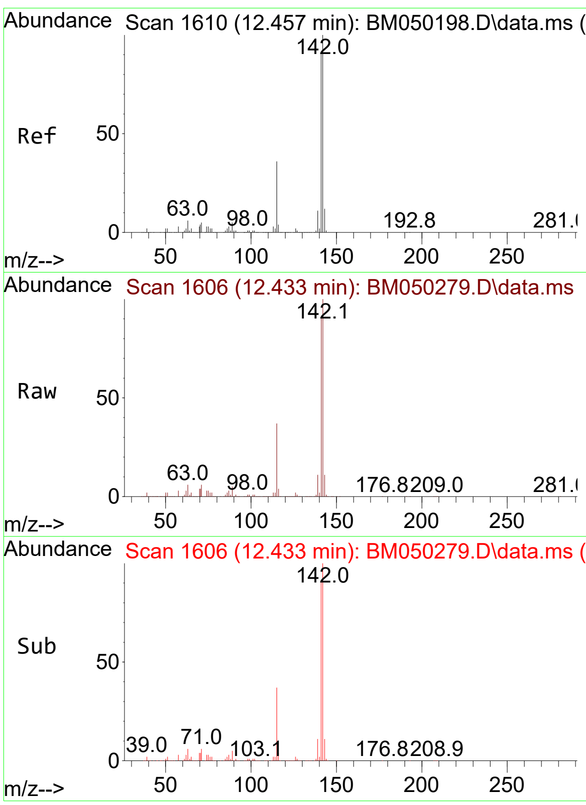


#37
2-Methylnaphthalene
Concen: 44.376 ng
RT: 12.216 min Scan# 1!
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:142 Resp: 1974636

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.5	107.3
115	34.7	27.8	41.8

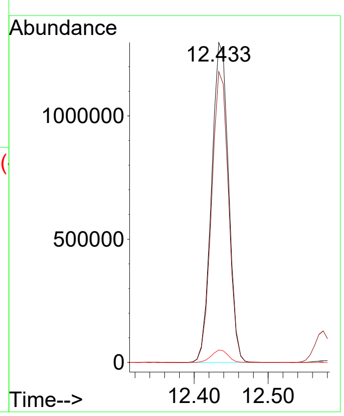




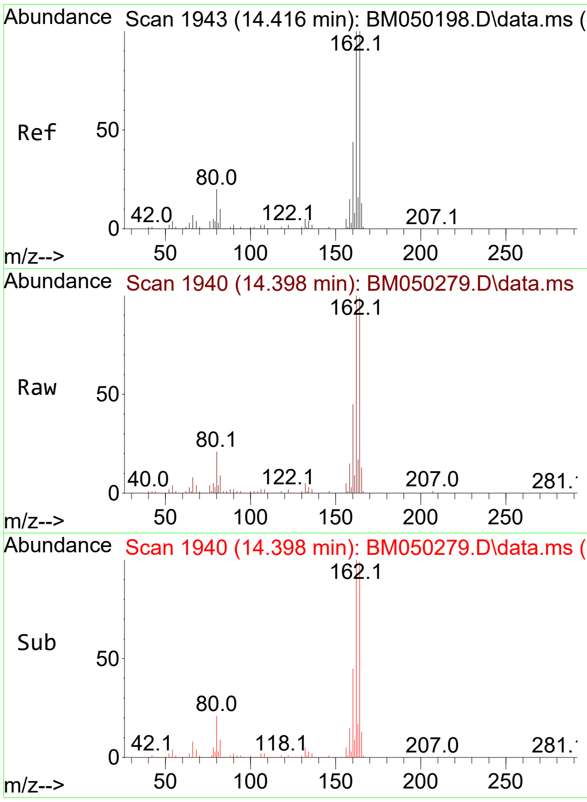
#38
1-Methylnaphthalene
Concen: 43.850 ng
RT: 12.433 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:142 Resp: 2070968

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.9	109.3
116	3.9	3.0	4.6



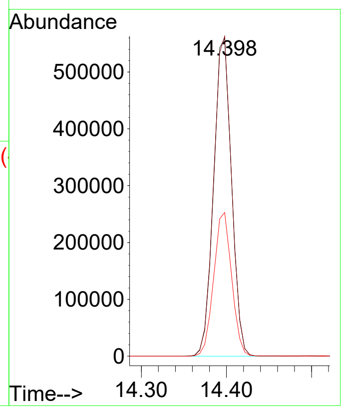
Instrument : BNA_M
ClientSampleId : PB168422BS

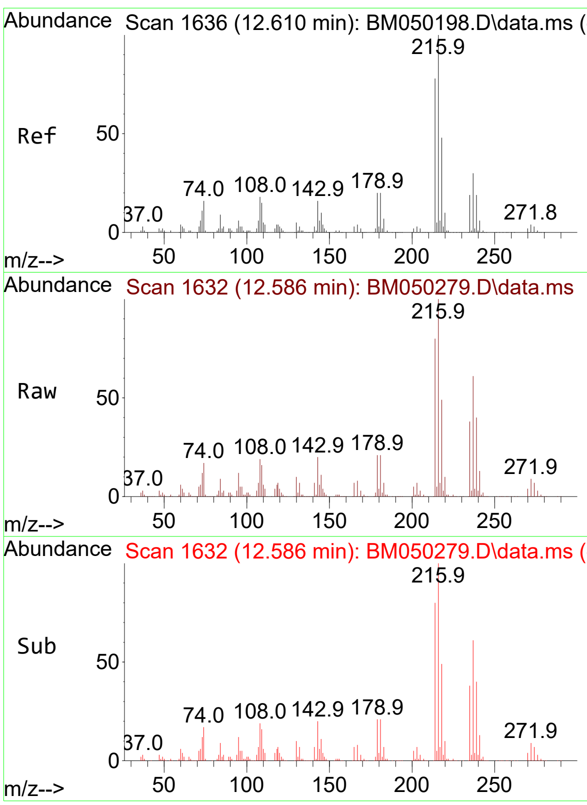


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 19
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:164 Resp: 820279

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.4
160	45.2	35.7	53.5

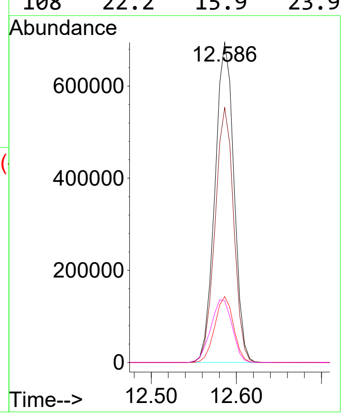




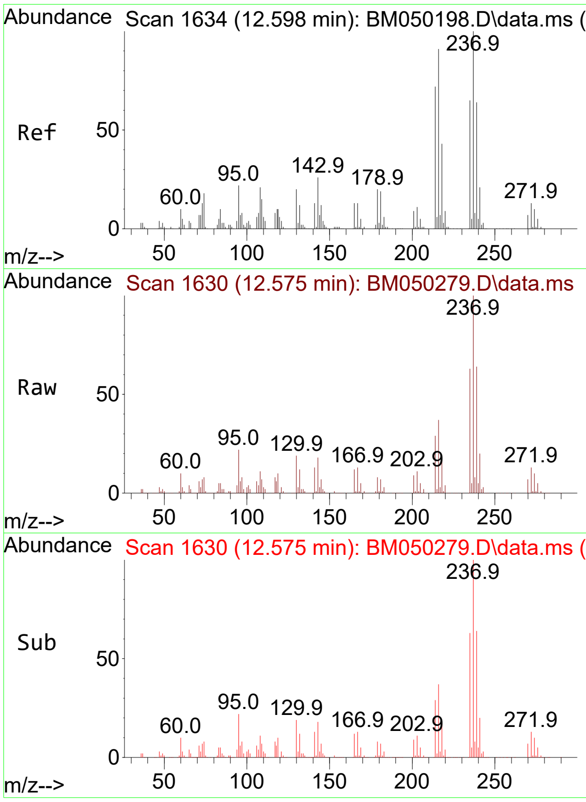
#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.562 ng
RT: 12.586 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:216 Resp: 1079199

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	20.4	16.6	25.0
108	22.2	15.9	23.9



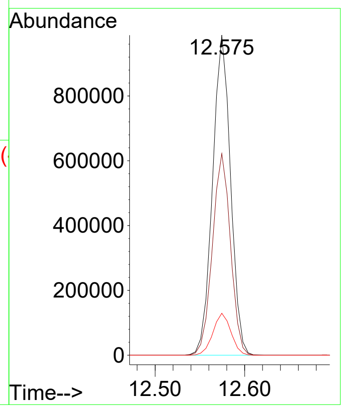
Instrument :
BNA_M
ClientSampleId :
PB168422BS

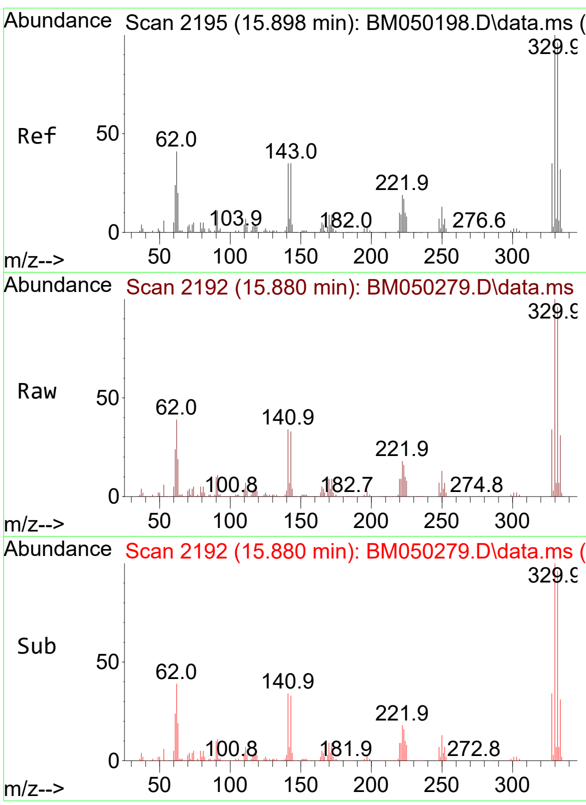


#41
Hexachlorocyclopentadiene
Concen: 95.831 ng
RT: 12.575 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:237 Resp: 1378505

Ion	Ratio	Lower	Upper
237	100		
235	63.0	44.6	84.6
272	13.1	0.0	33.1

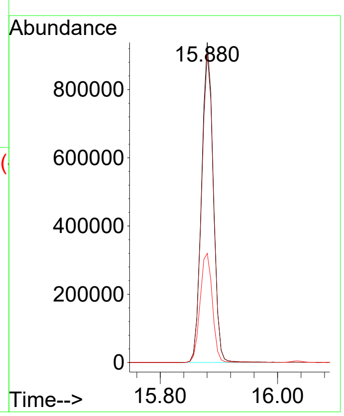




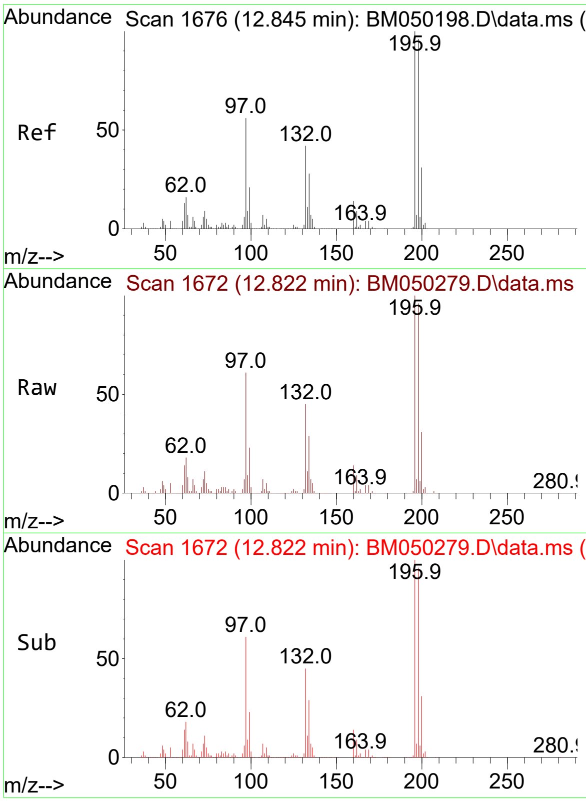
#42
2,4,6-Tribromophenol
Concen: 139.996 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:330 Resp: 1306178

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.5	116.3
141	35.5	28.8	43.2



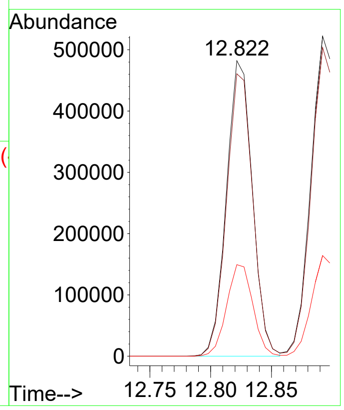
Instrument :
BNA_M
ClientSampleId :
PB168422BS

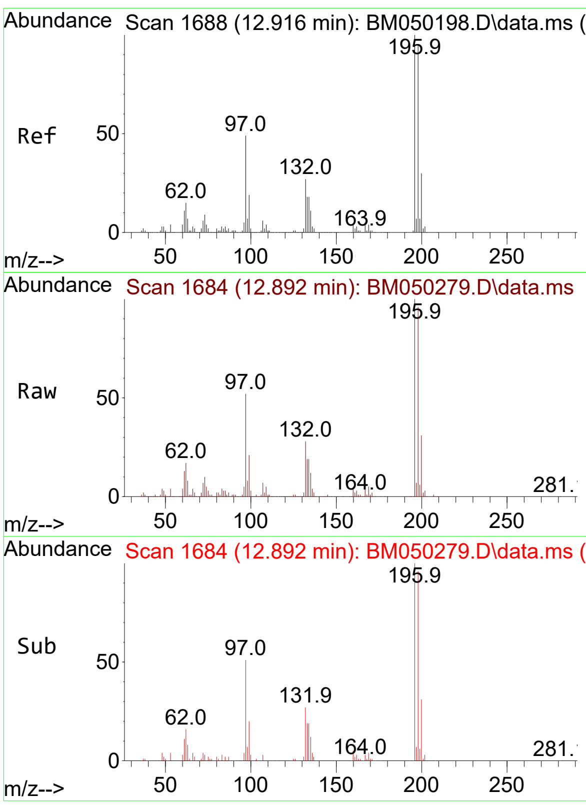


#43
2,4,6-Trichlorophenol
Concen: 46.107 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:196 Resp: 718186

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.6	115.0
200	31.0	24.5	36.7

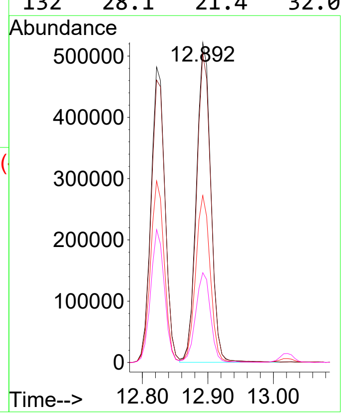




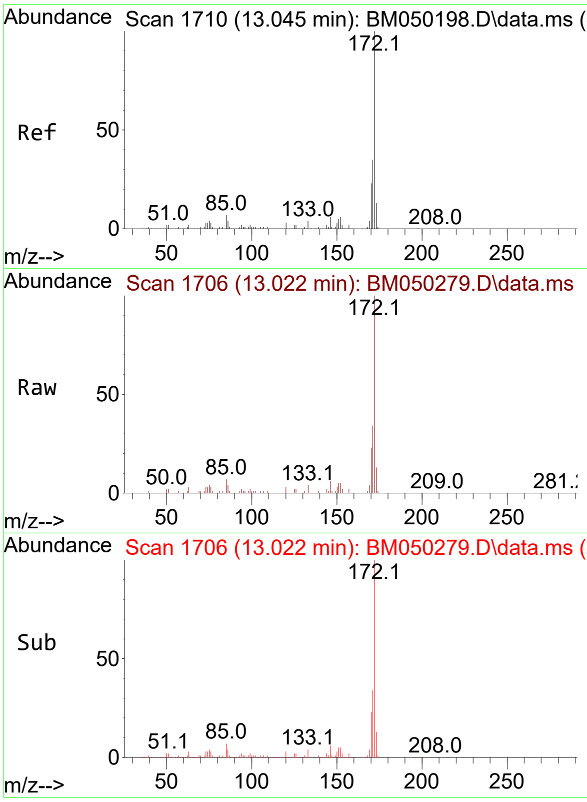
#44
2,4,5-Trichlorophenol
Concen: 47.042 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:196 Resp: 804528

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.1	114.1
97	52.2	39.3	58.9
132	28.1	21.4	32.0



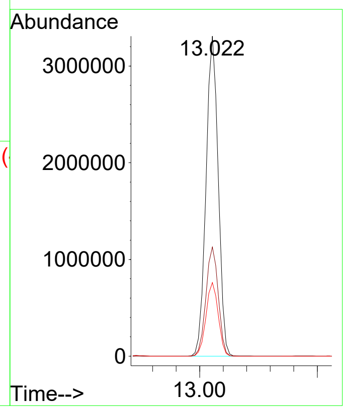
Instrument :
BNA_M
ClientSampleId :
PB168422BS

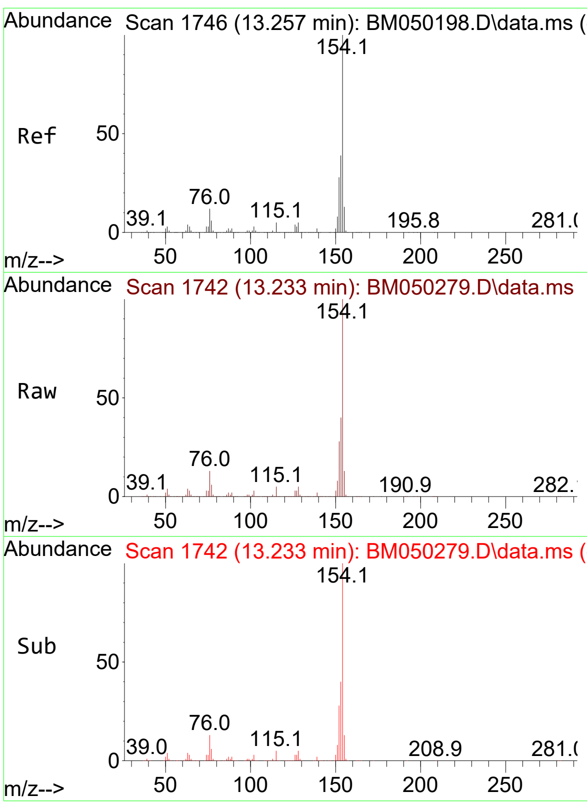


#45
2-Fluorobiphenyl
Concen: 78.772 ng
RT: 13.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:172 Resp: 4772689

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.6
170	23.0	18.6	27.8

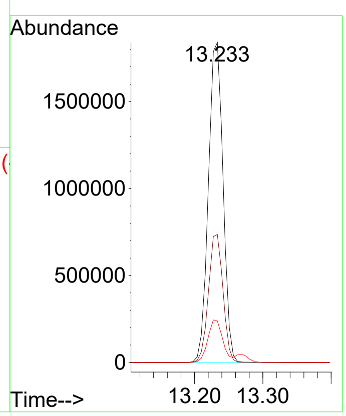




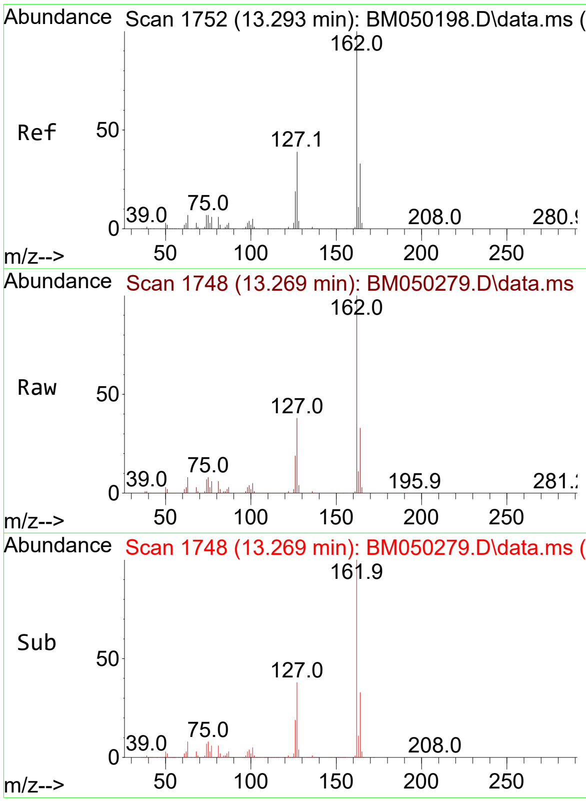
#46
1,1'-Biphenyl
Concen: 44.836 ng
RT: 13.233 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:154 Resp: 2753920

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.2	59.2
76	13.0	0.0	32.0



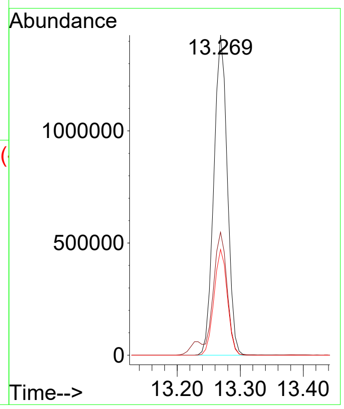
Instrument :
BNA_M
ClientSampleId :
PB168422BS

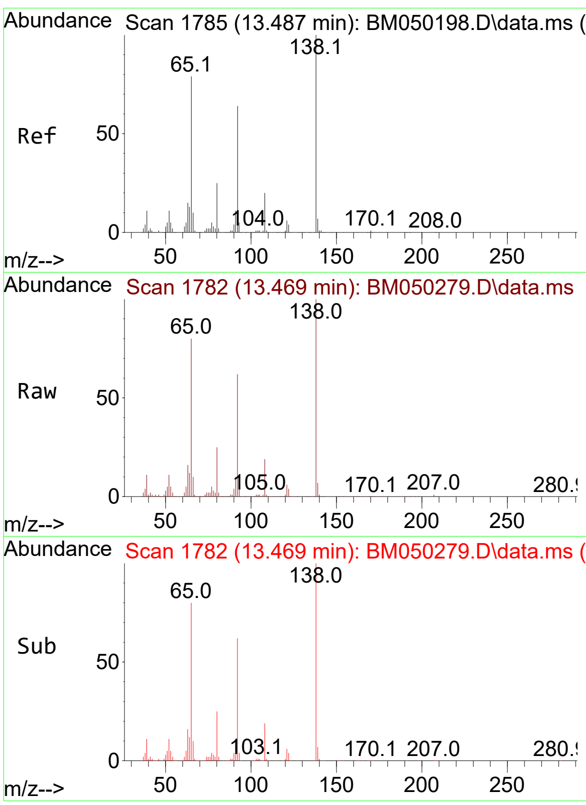


#47
2-Chloronaphthalene
Concen: 44.507 ng
RT: 13.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:162 Resp: 2125274

Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.1	46.7
164	33.1	26.5	39.7

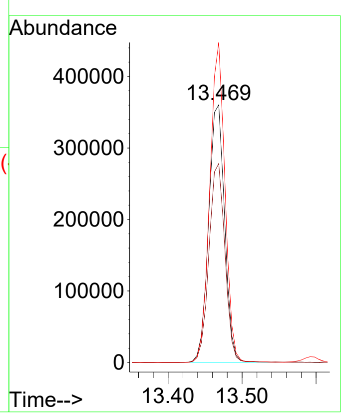




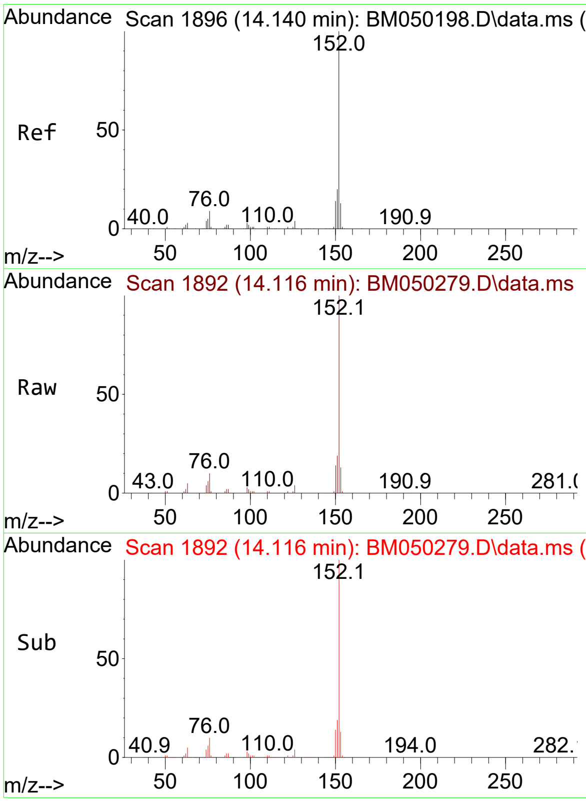
#48
2-Nitroaniline
Concen: 51.529 ng
RT: 13.469 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 65 Resp: 541484

Ion	Ratio	Lower	Upper
65	100		
92	77.2	64.2	96.4
138	124.2	101.0	151.4



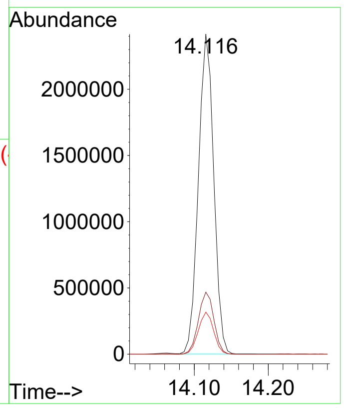
Instrument : BNA_M
ClientSampleId : PB168422BS

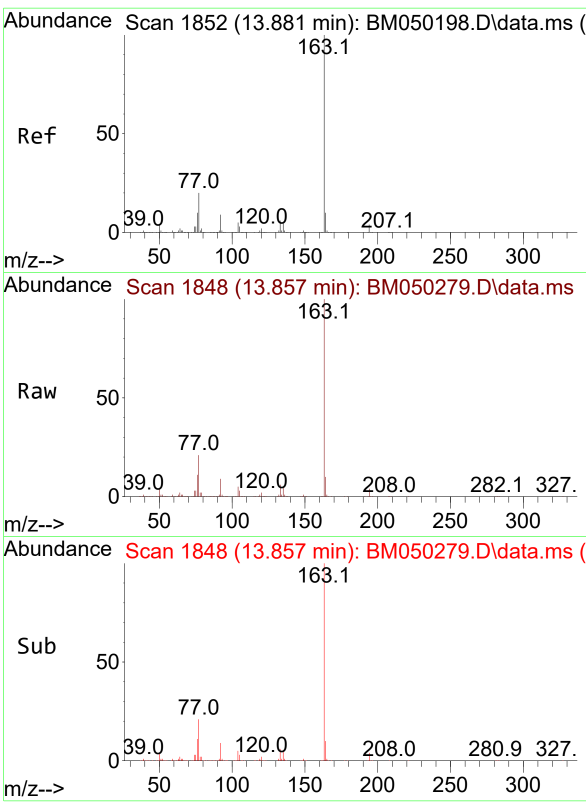


#49
Acenaphthylene
Concen: 45.089 ng
RT: 14.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:152 Resp: 3482423

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.2	10.4	15.6

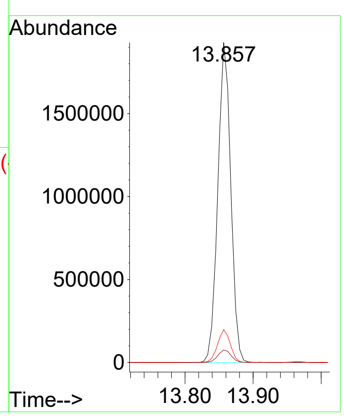




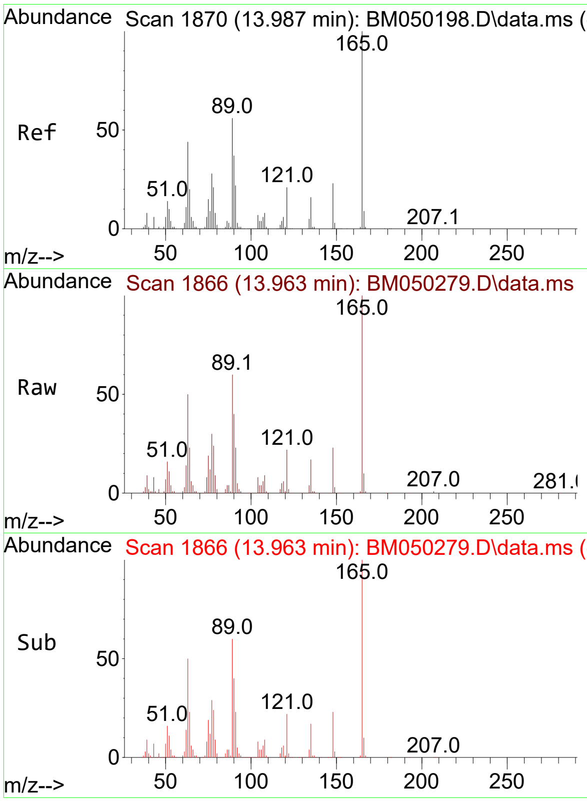
#50
Dimethylphthalate
Concen: 46.112 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:163 Resp: 2558075

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.3	7.9	11.9



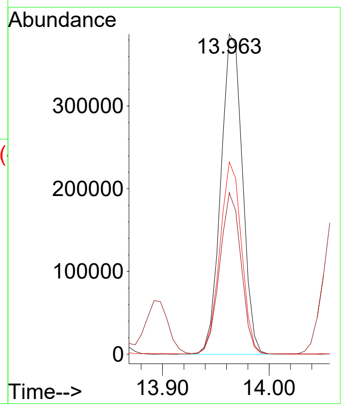
Instrument :
BNA_M
ClientSampleId :
PB168422BS

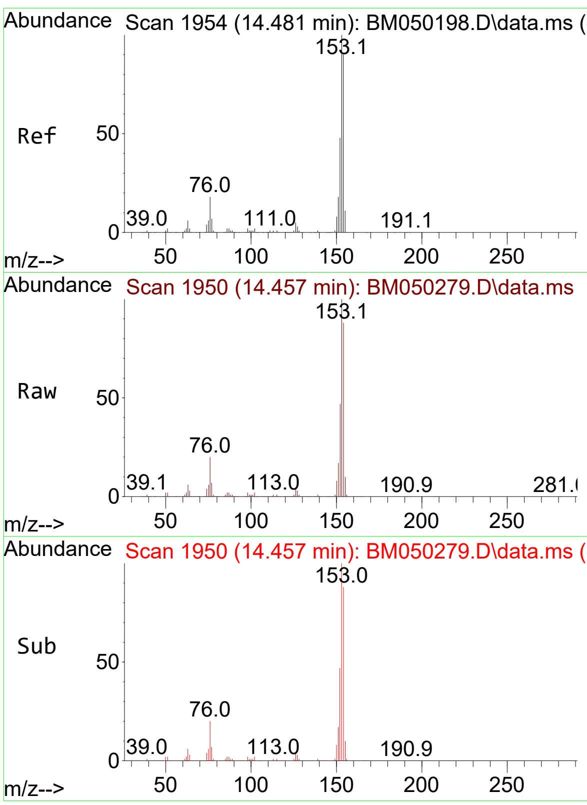


#51
2,6-Dinitrotoluene
Concen: 48.608 ng
RT: 13.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:165 Resp: 543804

Ion	Ratio	Lower	Upper
165	100		
63	50.4	35.8	53.6
89	60.0	44.8	67.2

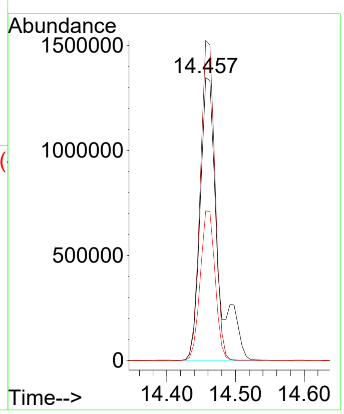




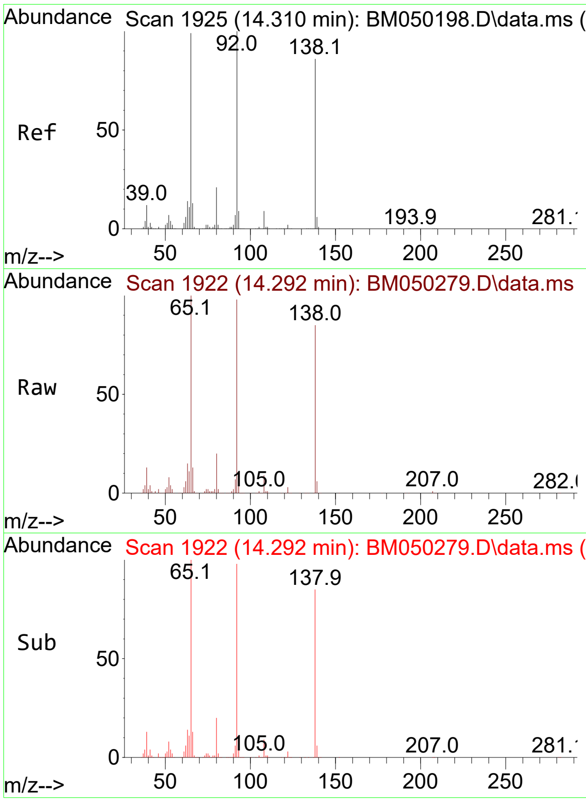
#52
Acenaphthene
Concen: 49.281 ng m
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:154 Resp: 2380717

Ion	Ratio	Lower	Upper
154	100		
153	113.2	88.7	133.1
152	52.9	42.6	63.8



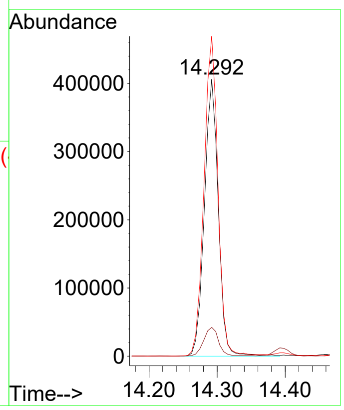
Instrument :
BNA_M
ClientSampleId :
PB168422BS

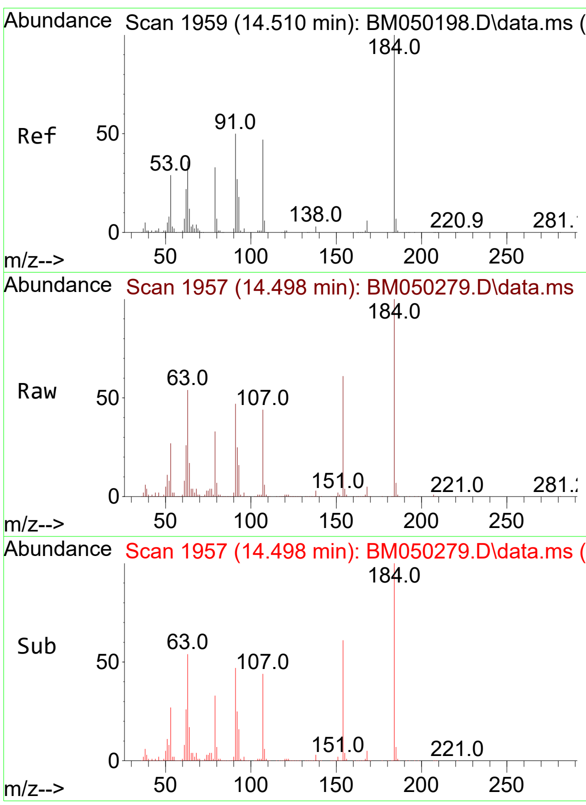


#53
3-Nitroaniline
Concen: 46.339 ng
RT: 14.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:138 Resp: 577781

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.8	13.2
92	115.6	92.9	139.3

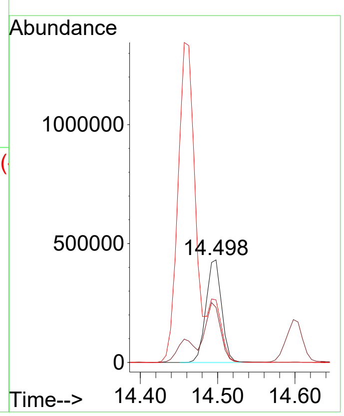




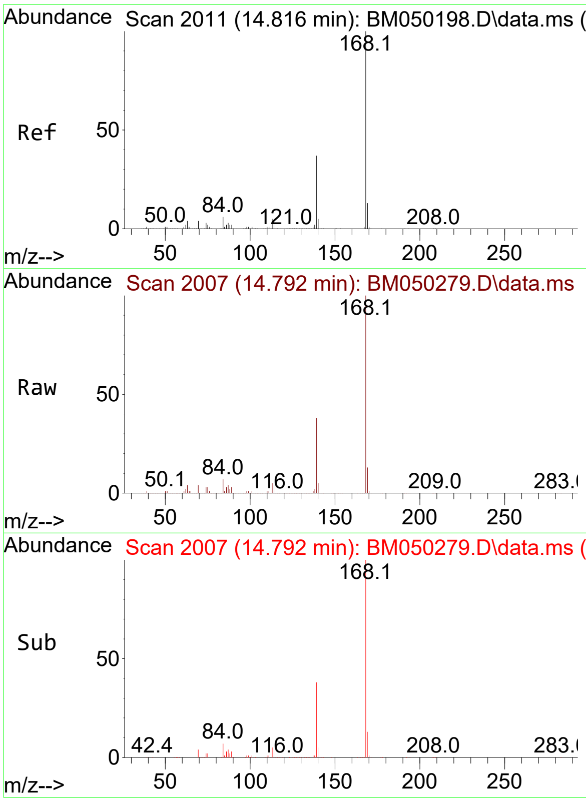
#54
2,4-Dinitrophenol
Concen: 95.119 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:184 Resp: 610018

Ion	Ratio	Lower	Upper
184	100		
63	53.7	45.3	67.9
154	61.1	54.3	81.5



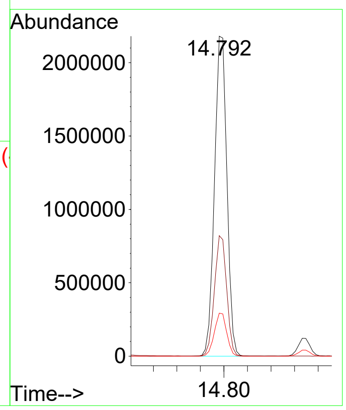
Instrument : BNA_M
ClientSampleId : PB168422BS

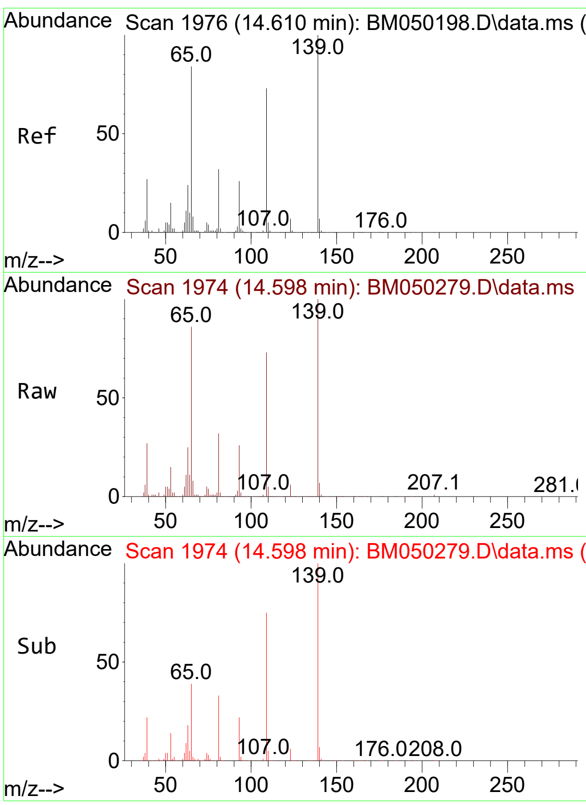


#55
Dibenzofuran
Concen: 45.084 ng
RT: 14.792 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:168 Resp: 3186299

Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.9	44.9
169	13.4	10.6	16.0

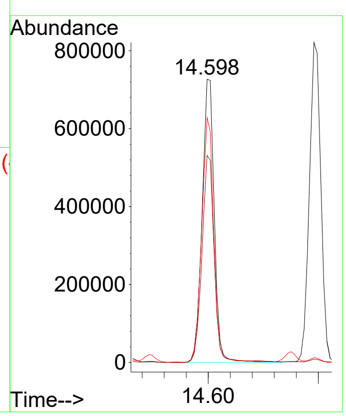




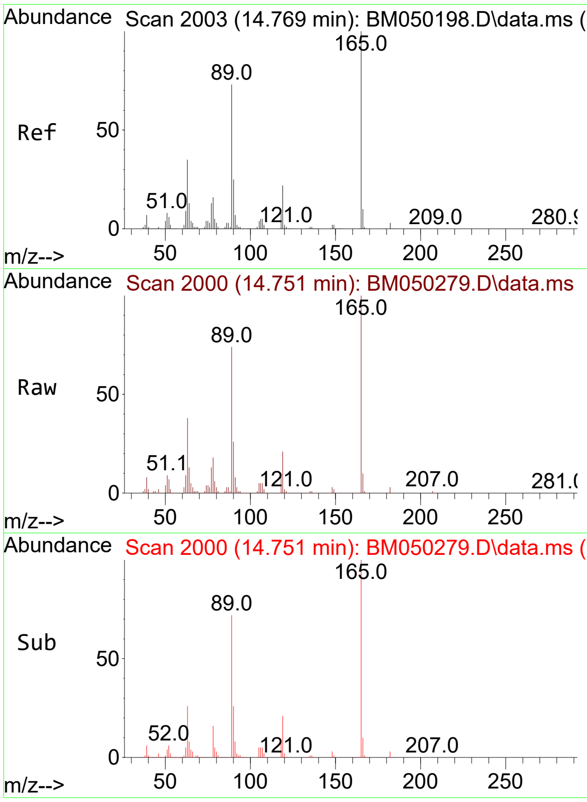
#56
4-Nitrophenol
Concen: 105.401 ng
RT: 14.598 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:139 Resp: 1118559

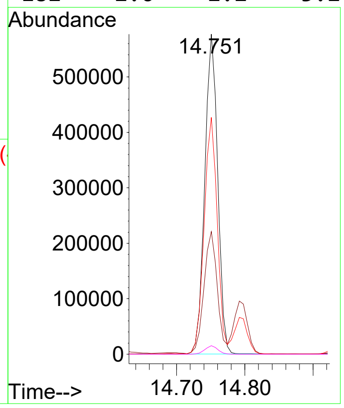
Ion	Ratio	Lower	Upper
139	100		
109	73.1	52.6	92.6
65	86.5	64.3	104.3

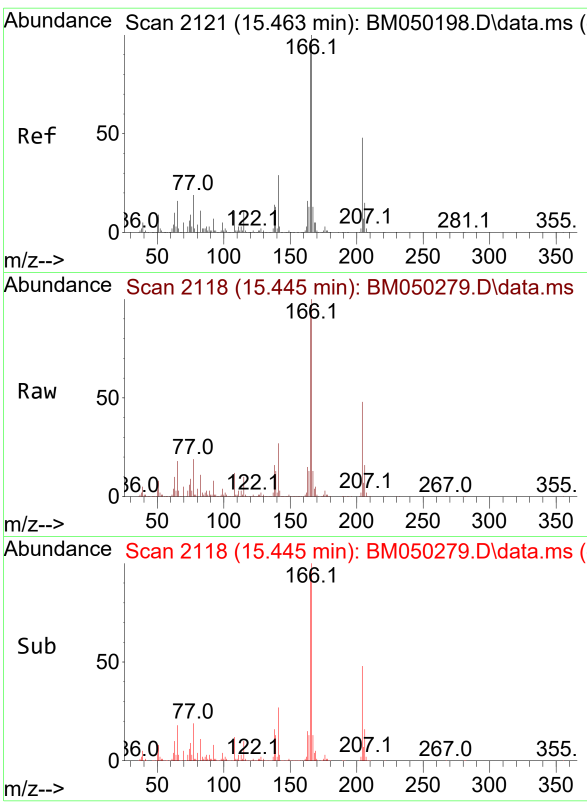


Instrument : BNA_M
ClientSampleId : PB168422BS

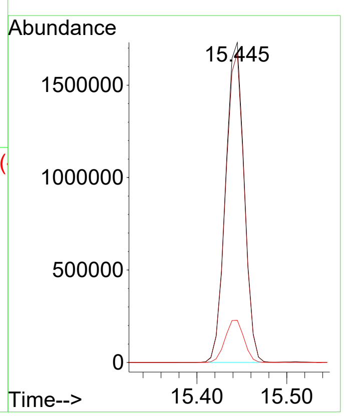



```
#57
2,4-Dinitrotoluene
Concen:   51.699 ng
RT:  14.751 min  Scan# 2000
Delta R.T.  0.000 min
Lab File:   BM050279.D
Acq: 11 Jun 2025  18:04

Tgt Ion:165 Resp:  762971
Ion  Ratio  Lower  Upper
165  100
 63   38.3   28.4   42.6
 89   74.0   58.0   87.0
182    2.6    2.2    3.2
```

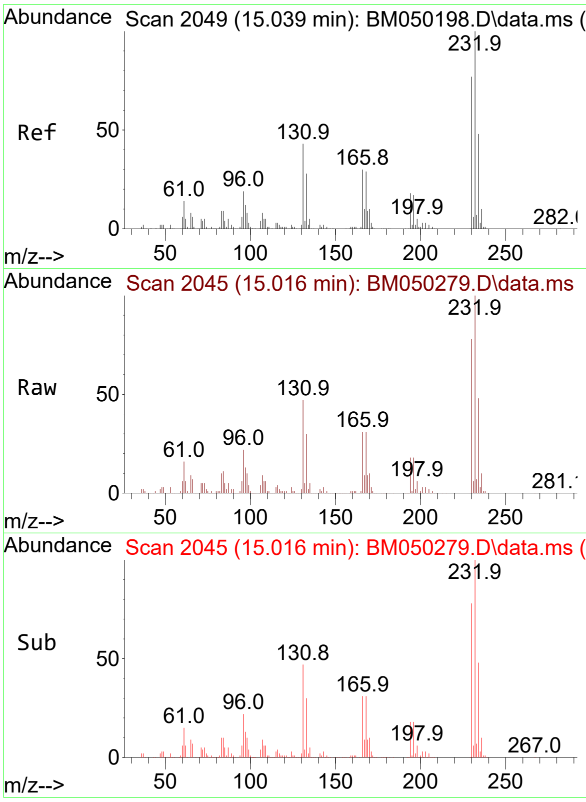





```
#58
Fluorene
Concen:   46.088 ng
RT:  15.445 min  Scan# 2118
Delta R.T.  0.000 min
Lab File:   BM050279.D
Acq: 11 Jun 2025  18:04

Tgt Ion:166 Resp: 2494801
Ion  Ratio  Lower  Upper
166  100
165   96.7   77.0  115.4
167   13.2   10.7   16.1
```



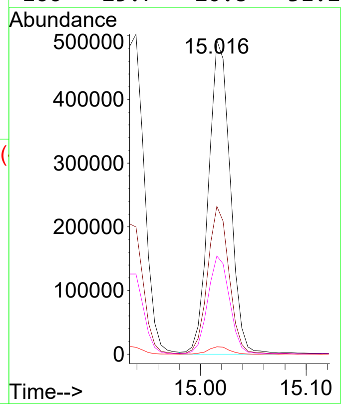
Instrument :
BNA_M
ClientSampleId :
PB168422BS

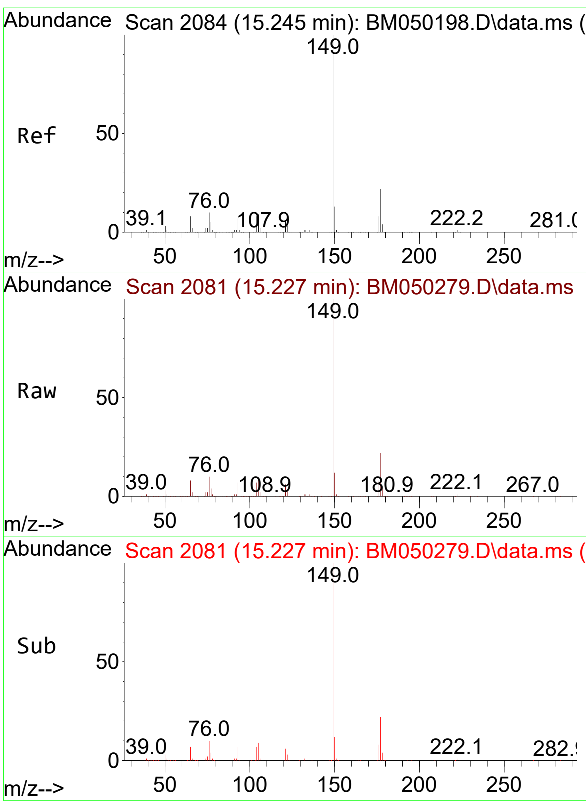


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.510 ng m
RT: 15.016 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:232 Resp: 702979

Ion	Ratio	Lower	Upper
232	100		
131	41.7	32.9	49.3
130	2.4	1.8	2.8
166	25.7	20.8	31.2

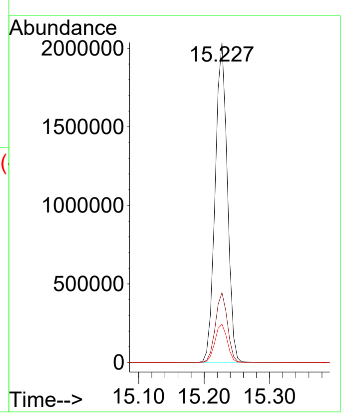




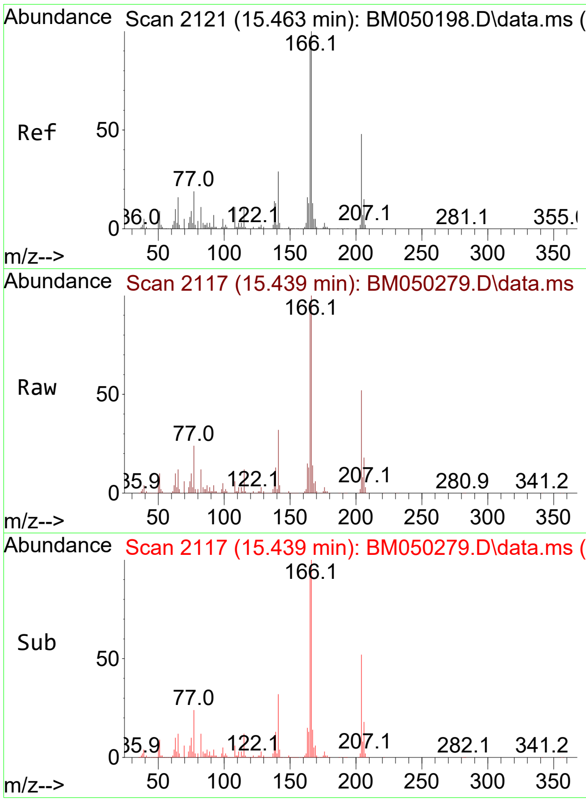
#60
Diethylphthalate
Concen: 47.632 ng
RT: 15.227 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:149 Resp: 2621821

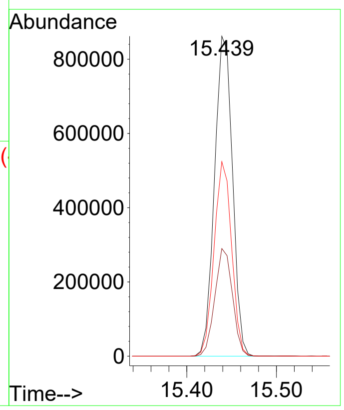
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.2	25.8
150	12.0	10.0	15.0

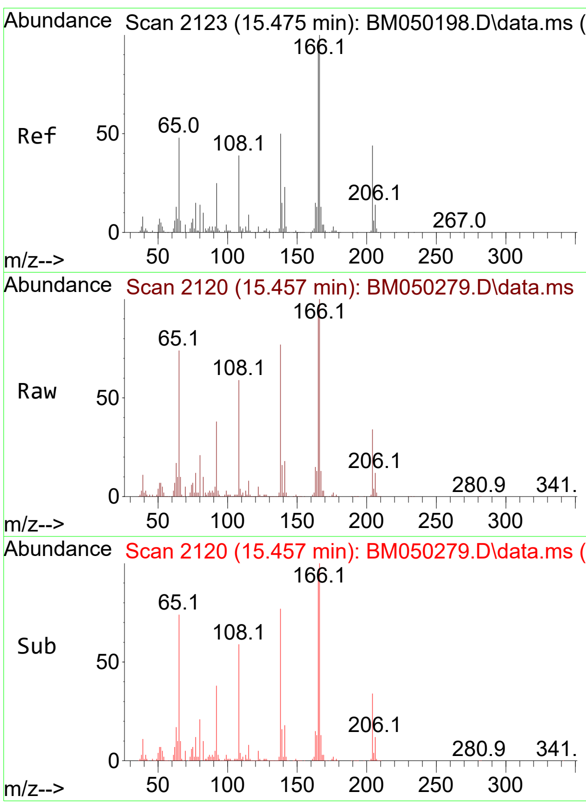


Instrument :
BNA_M
ClientSampleId :
PB168422BS

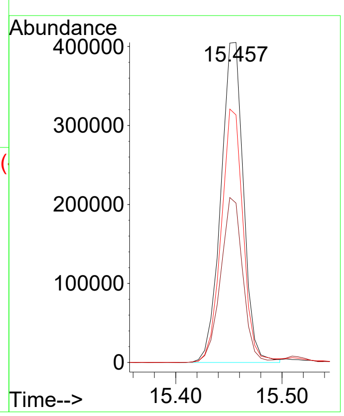



```
#61
4-Chlorophenyl-phenylether
Concen:   45.931 ng
RT:  15.439 min  Scan# 2
Delta R.T.  -0.006 min
Lab File:   BM050279.D
Acq: 11 Jun 2025  18:04

Tgt Ion:204 Resp: 1201635
Ion  Ratio  Lower  Upper
204  100
206   33.6   25.4   38.0
141   60.8   47.9   71.9
```

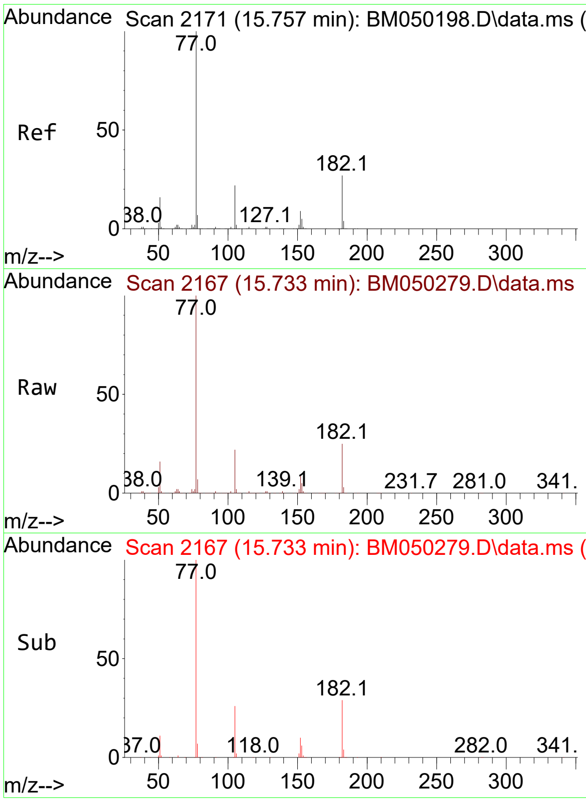





```
#62
4-Nitroaniline
Concen:   51.160 ng
RT:  15.457 min  Scan# 2120
Delta R.T.  0.000 min
Lab File:   BM050279.D
Acq: 11 Jun 2025  18:04

Tgt Ion:138 Resp:  597874
Ion  Ratio  Lower  Upper
138  100
 92   49.8   28.8   68.8
108   77.3   58.1   98.1
```



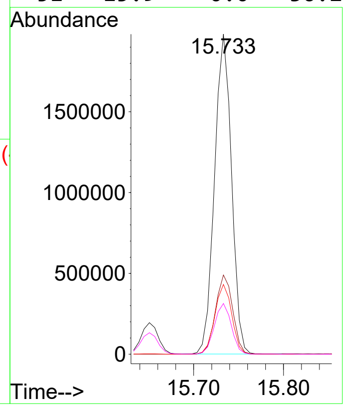
Instrument :
BNA_M
ClientSampleId :
PB168422BS

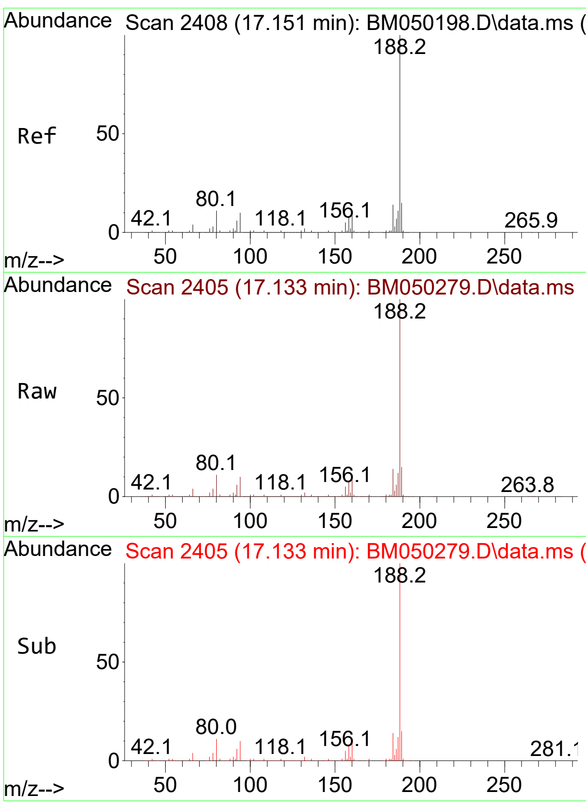


#63
Azobenzene
Concen: 47.194 ng
RT: 15.733 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 77 Resp: 2596412

Ion	Ratio	Lower	Upper
77	100		
182	24.7	6.8	46.8
105	21.8	1.7	41.7
51	15.9	0.0	36.2

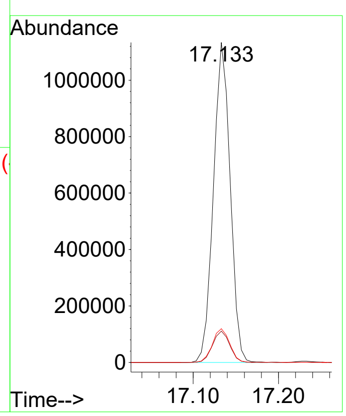




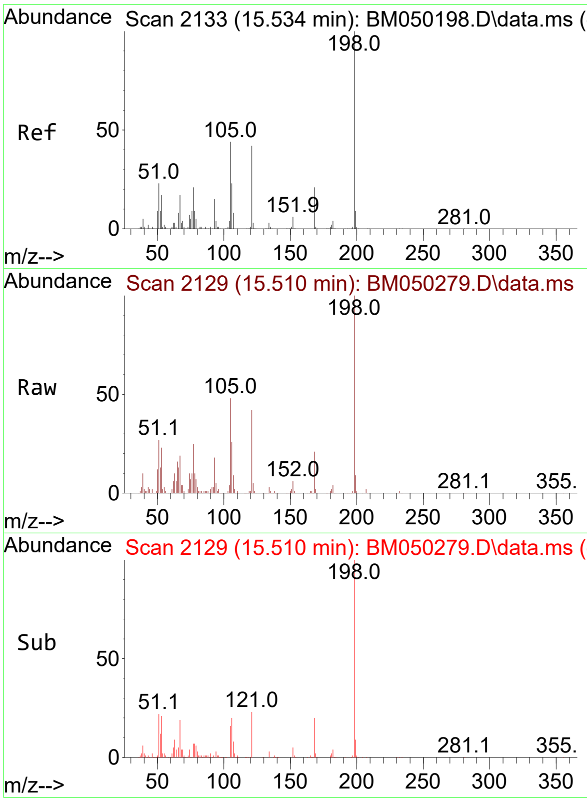
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:188 Resp: 1545819

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.5	8.6	13.0



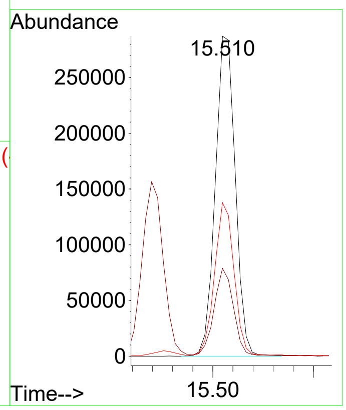
Instrument :
BNA_M
ClientSampleId :
PB168422BS

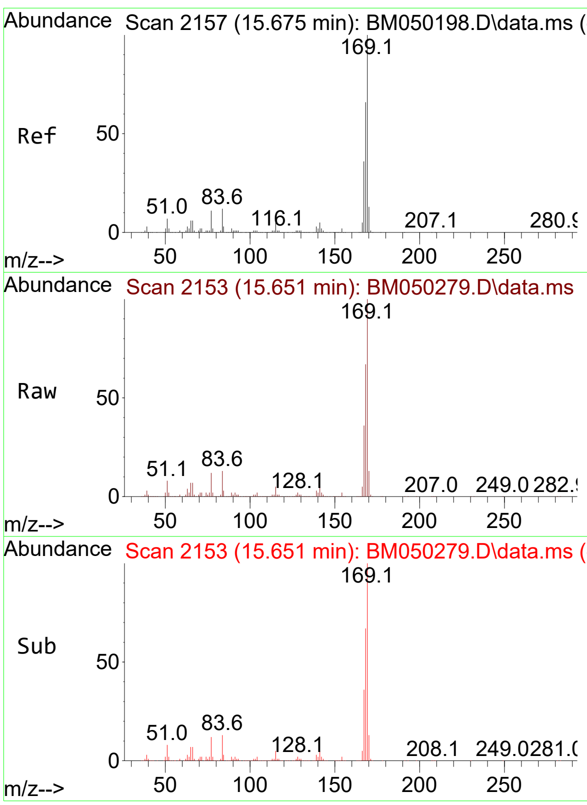


#65
4,6-Dinitro-2-methylphenol
Concen: 47.026 ng
RT: 15.510 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:198 Resp: 397041

Ion	Ratio	Lower	Upper
198	100		
51	27.5	4.5	44.5
105	47.9	24.9	64.9

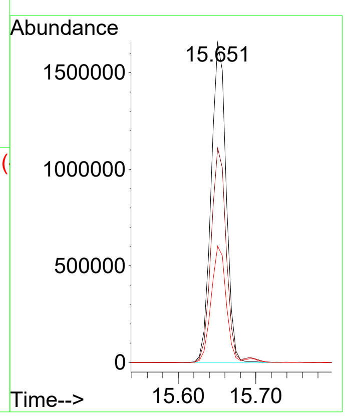




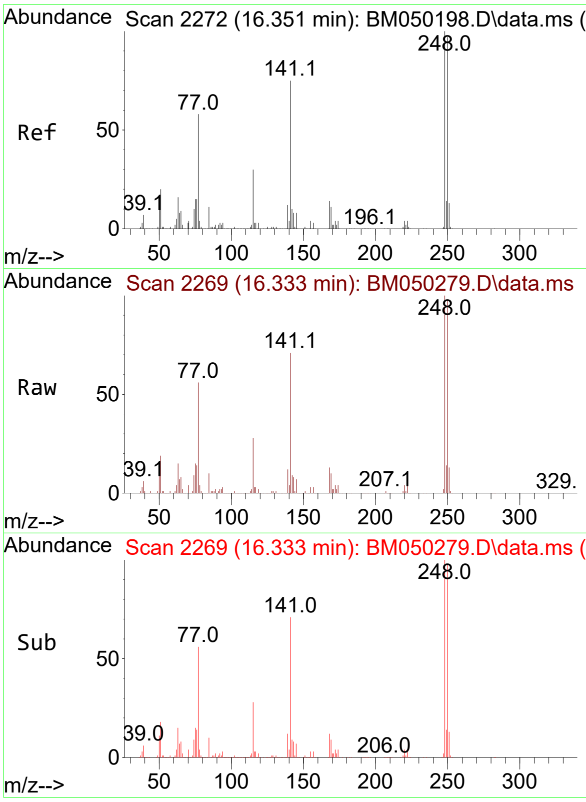
#66
n-Nitrosodiphenylamine
Concen: 45.864 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:169 Resp: 2227656

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.1	79.7
167	36.4	29.0	43.6



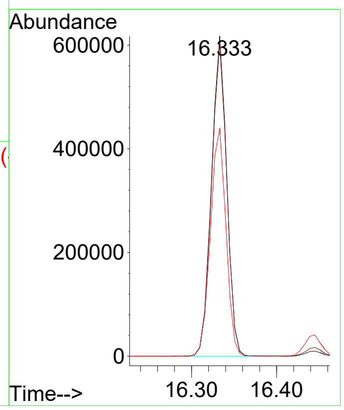
Instrument :
BNA_M
ClientSampleId :
PB168422BS

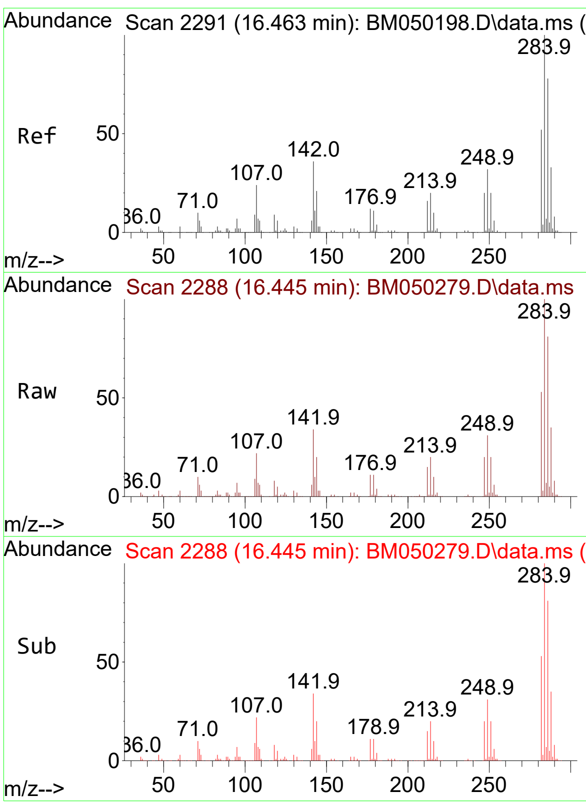


#67
4-Bromophenyl-phenylether
Concen: 46.735 ng
RT: 16.333 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:248 Resp: 770398

Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.0	117.0
141	71.1	60.1	90.1

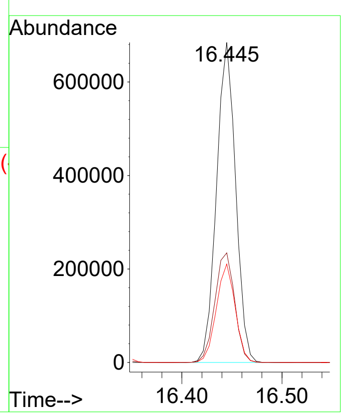




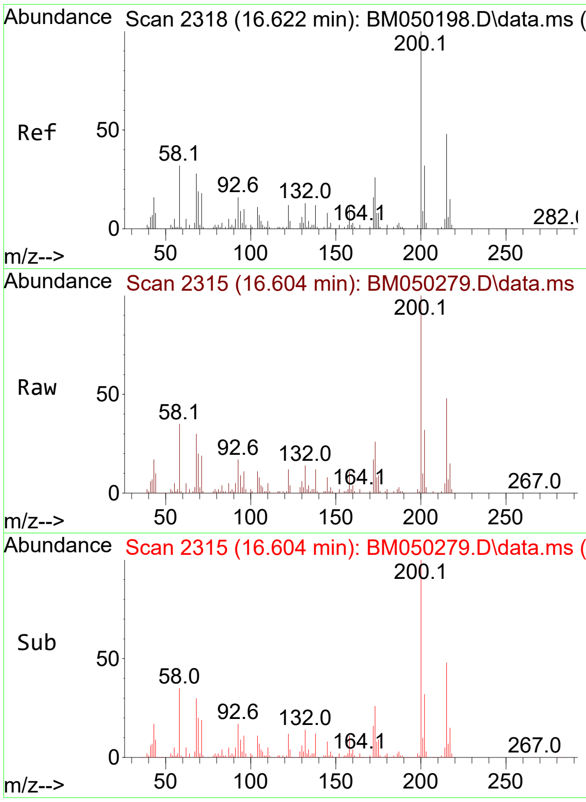
#68
Hexachlorobenzene
Concen: 47.038 ng
RT: 16.445 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:284 Resp: 905927

Ion	Ratio	Lower	Upper
284	100		
142	34.3	28.8	43.2
249	30.8	25.8	38.6



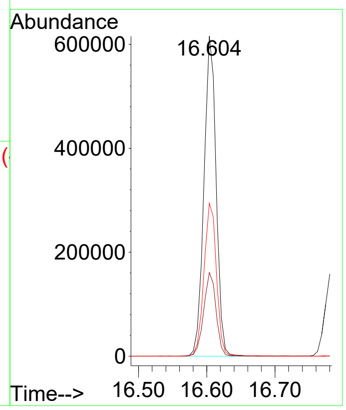
Instrument : BNA_M
ClientSampleId : PB168422BS

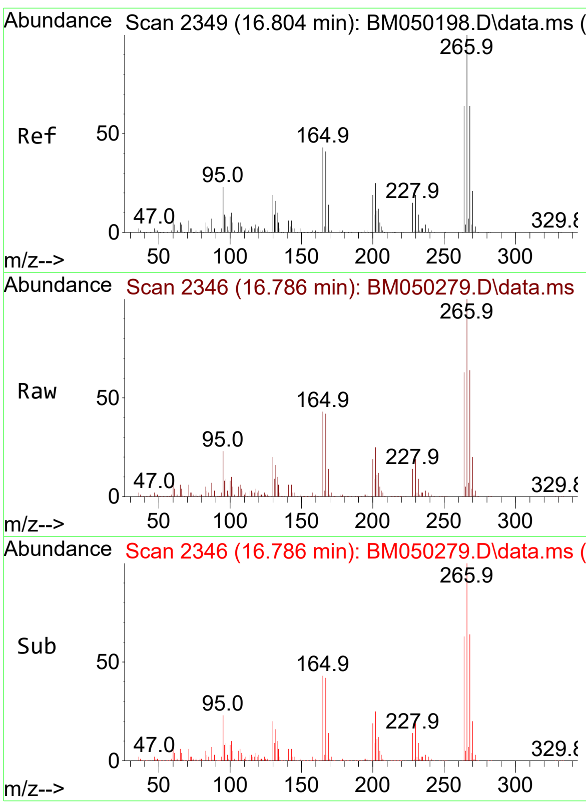


#69
Atrazine
Concen: 49.508 ng
RT: 16.604 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:200 Resp: 766193

Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.0	46.0
215	47.8	28.1	68.1

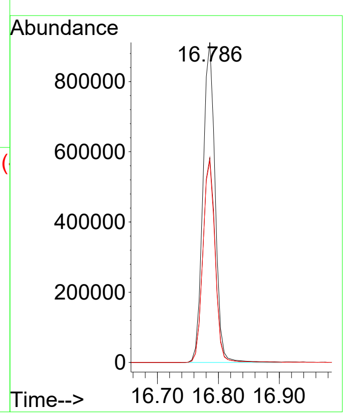




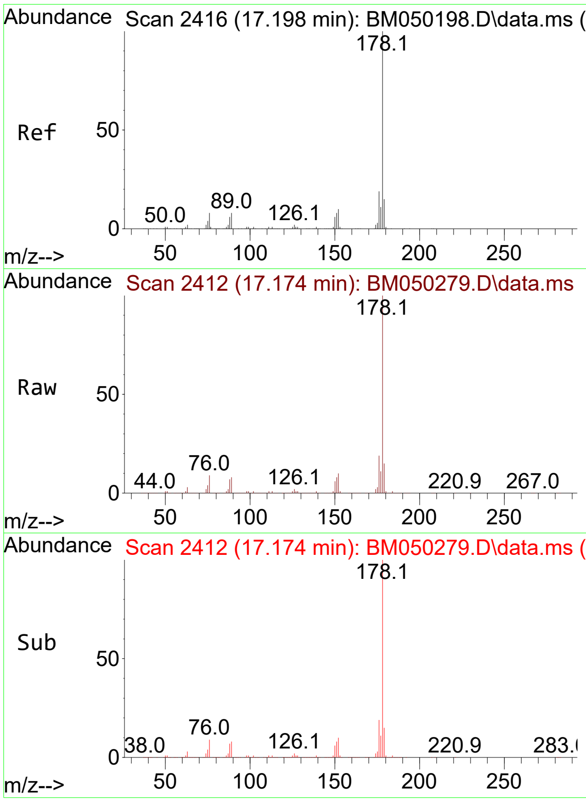
#70
Pentachlorophenol
Concen: 100.969 ng
RT: 16.786 min Scan# 2346
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:266 Resp: 1264309

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.0	76.6
264	62.9	50.8	76.2



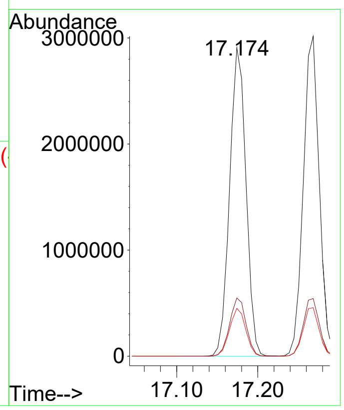
Instrument :
BNA_M
ClientSampleId :
PB168422BS

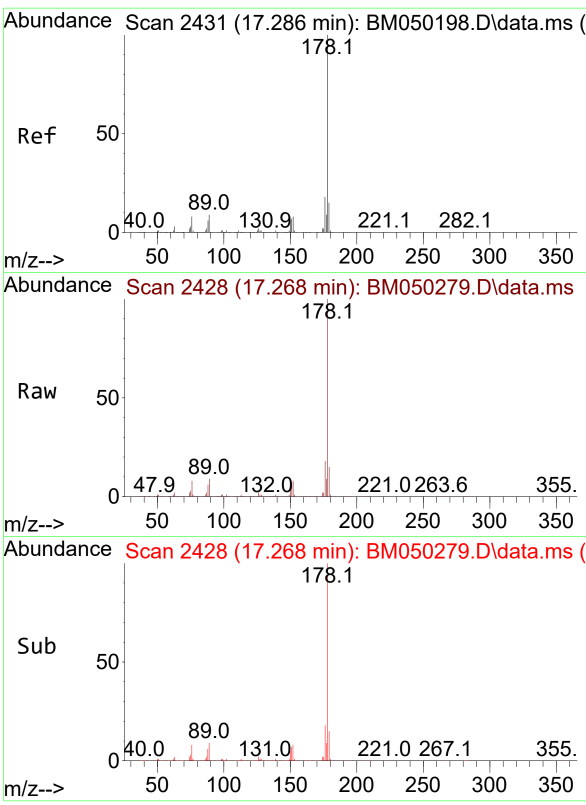


#71
Phenanthrene
Concen: 46.211 ng
RT: 17.174 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:178 Resp: 4080812

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.5	12.3	18.5

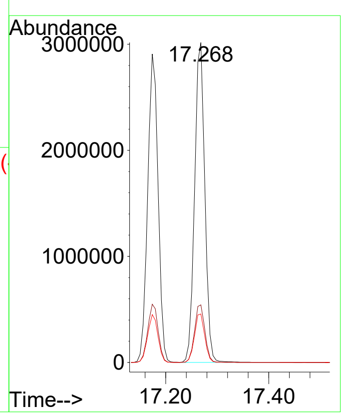




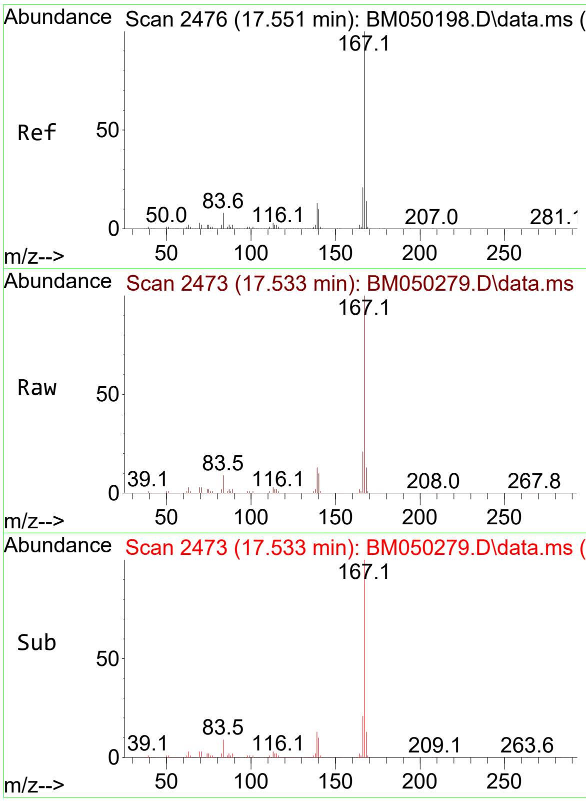
#72
Anthracene
Concen: 46.886 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:178 Resp: 4142038

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	15.2	12.3	18.5



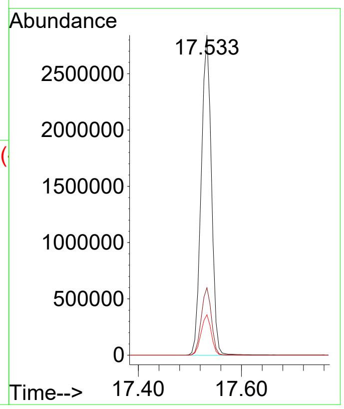
Instrument :
BNA_M
ClientSampleId :
PB168422BS

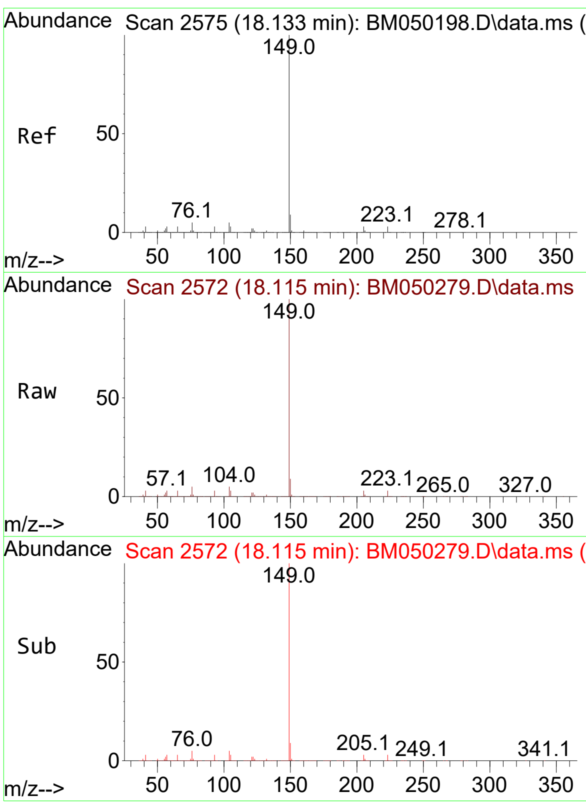


#73
Carbazole
Concen: 48.701 ng
RT: 17.533 min Scan# 2473
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:167 Resp: 3919579

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.6	10.2	15.4

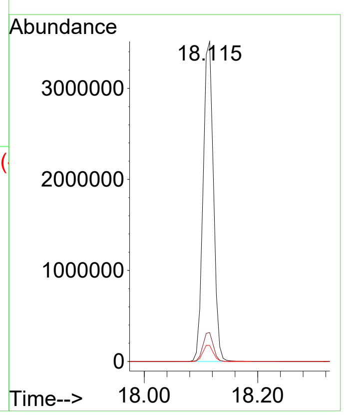




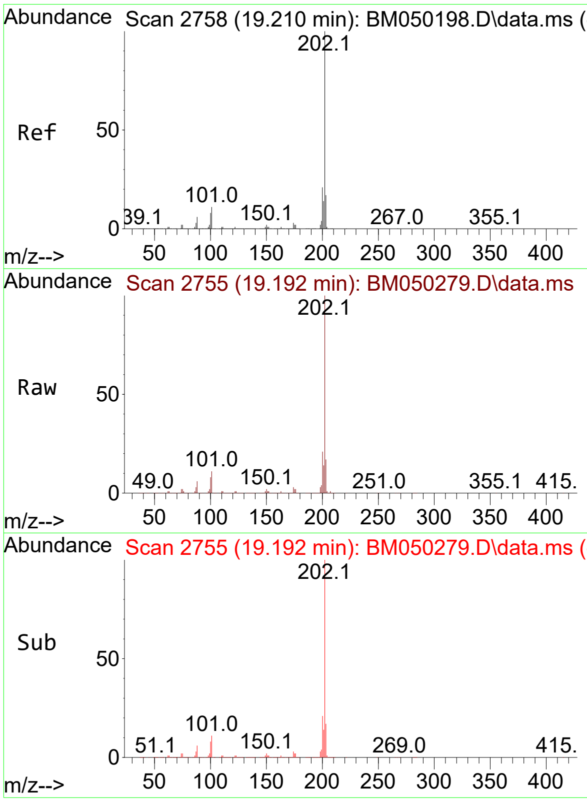
#74
Di-n-butylphthalate
Concen: 50.820 ng
RT: 18.115 min Scan# 2572
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:149 Resp: 4450352

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.0	4.0	6.0



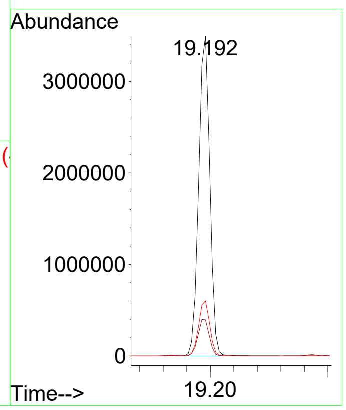
Instrument :
BNA_M
ClientSampleId :
PB168422BS

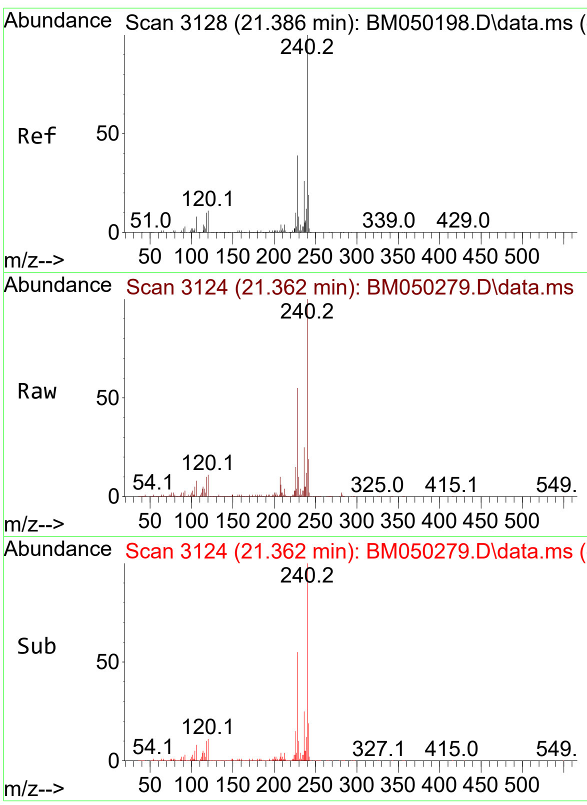


#75
Fluoranthene
Concen: 49.287 ng
RT: 19.192 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:202 Resp: 4589967

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	17.2	0.0	37.0

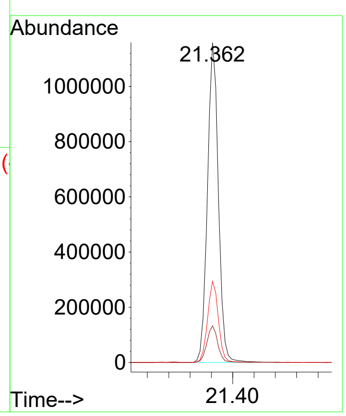




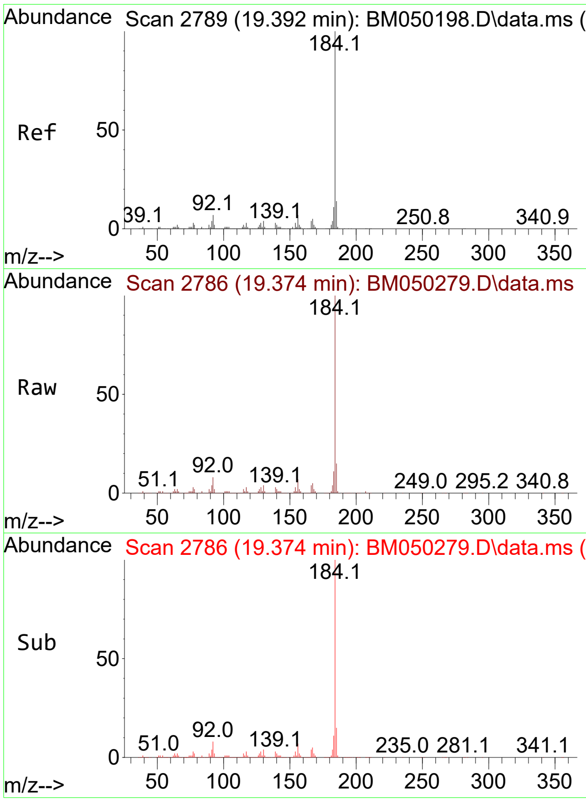
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:240 Resp: 1653111

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.4
236	25.3	20.7	31.1



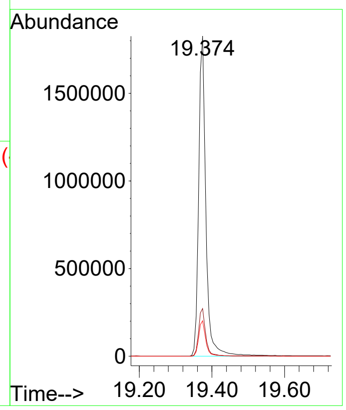
Instrument :
BNA_M
ClientSampleId :
PB168422BS

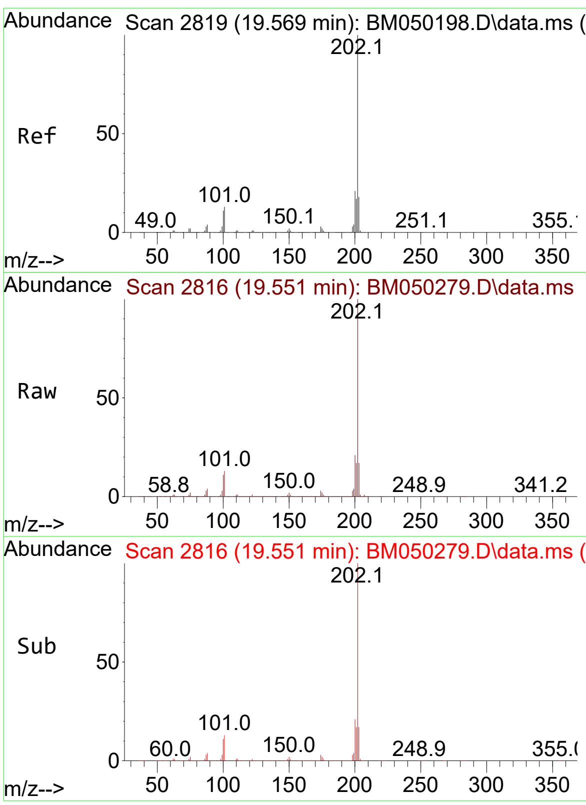


#77
Benzidine
Concen: 54.162 ng
RT: 19.374 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:184 Resp: 2517805

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.5	17.3
183	11.1	9.0	13.4

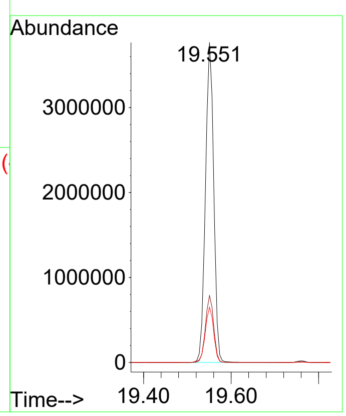




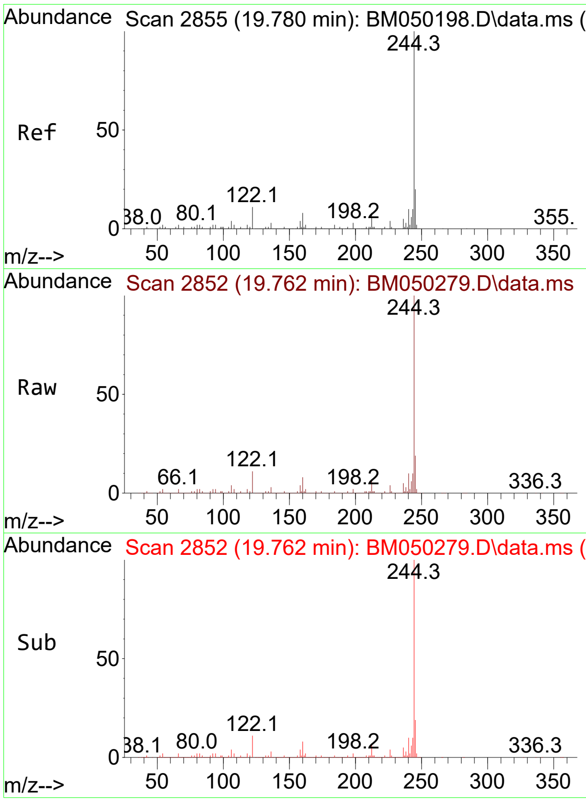
#78
Pyrene
Concen: 44.443 ng
RT: 19.551 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:202 Resp: 4951901

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.3	14.1	21.1



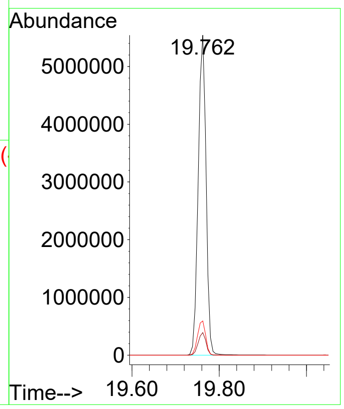
Instrument : BNA_M
ClientSampleId : PB168422BS

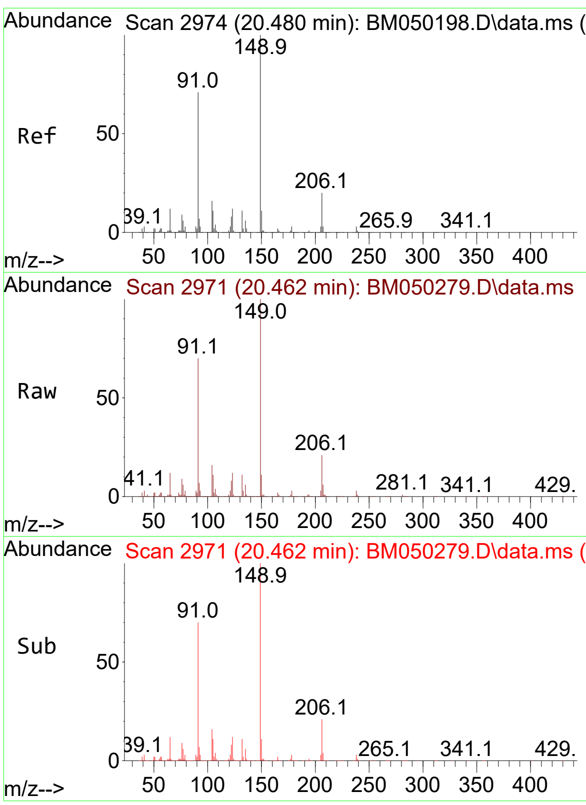


#79
Terphenyl-d14
Concen: 79.839 ng
RT: 19.762 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:244 Resp: 6964676

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.7	8.6	12.8

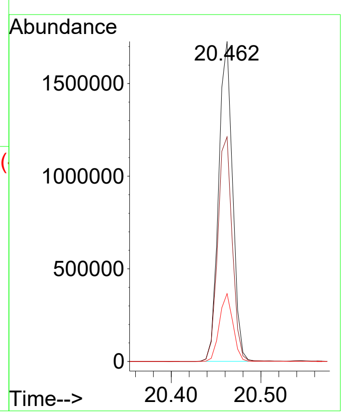




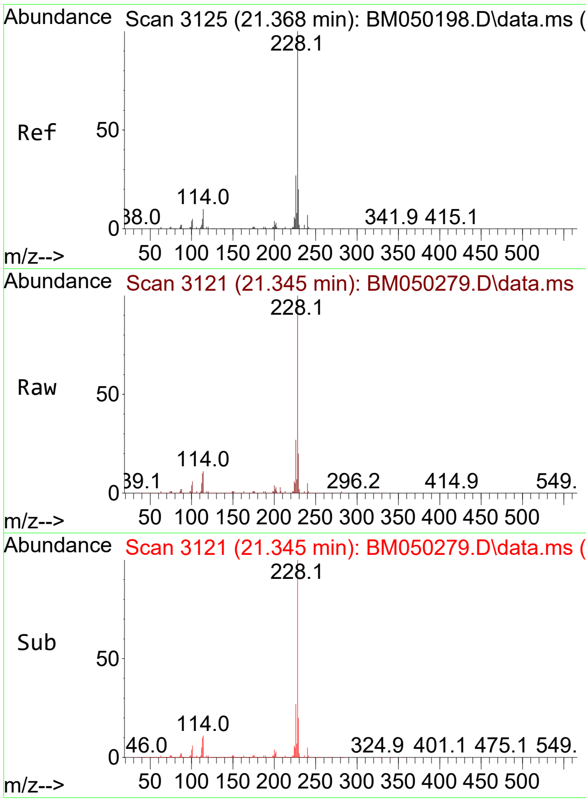
#80
Butylbenzylphthalate
Concen: 50.222 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:149 Resp: 1866563

Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.9	85.3
206	21.2	16.1	24.1



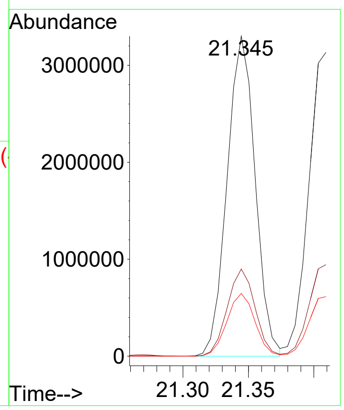
Instrument :
BNA_M
ClientSampleId :
PB168422BS

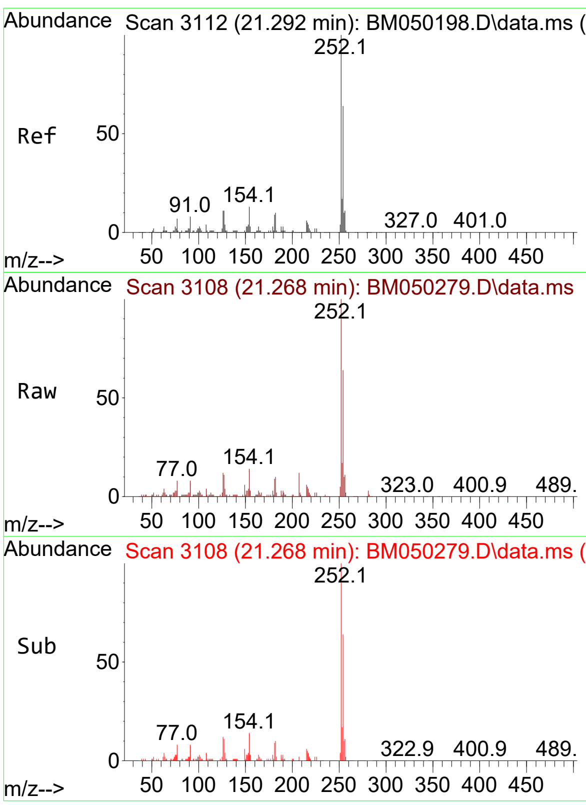


#81
Benzo(a)anthracene
Concen: 47.027 ng
RT: 21.345 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:228 Resp: 4920652

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	19.6	15.7	23.5

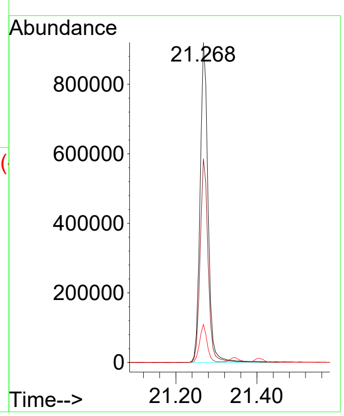




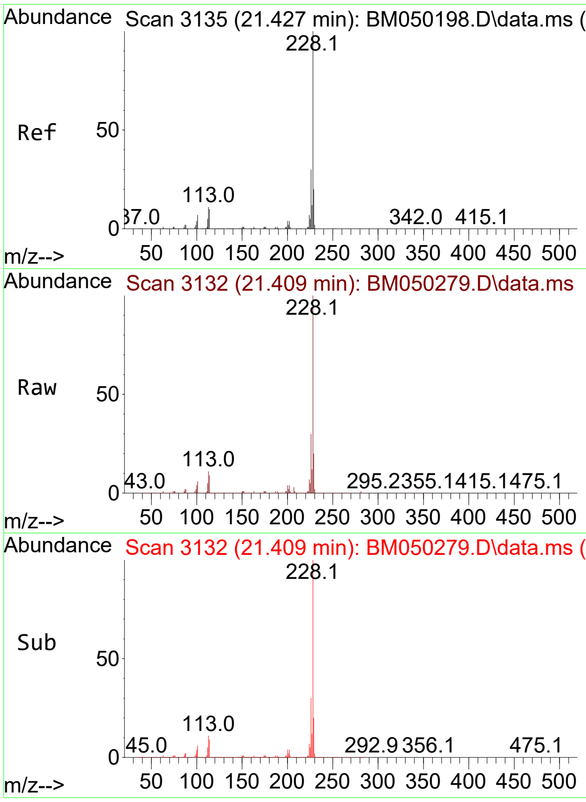
#82
3,3'-Dichlorobenzidine
Concen: 39.681 ng
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:252 Resp: 1266170

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.0
126	11.8	8.6	12.8



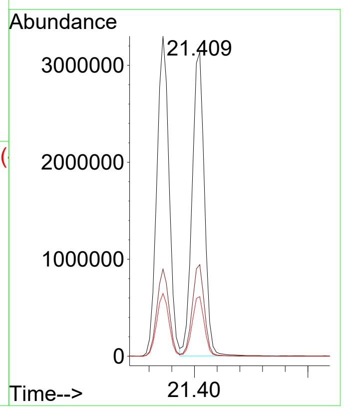
Instrument :
BNA_M
ClientSampleId :
PB168422BS

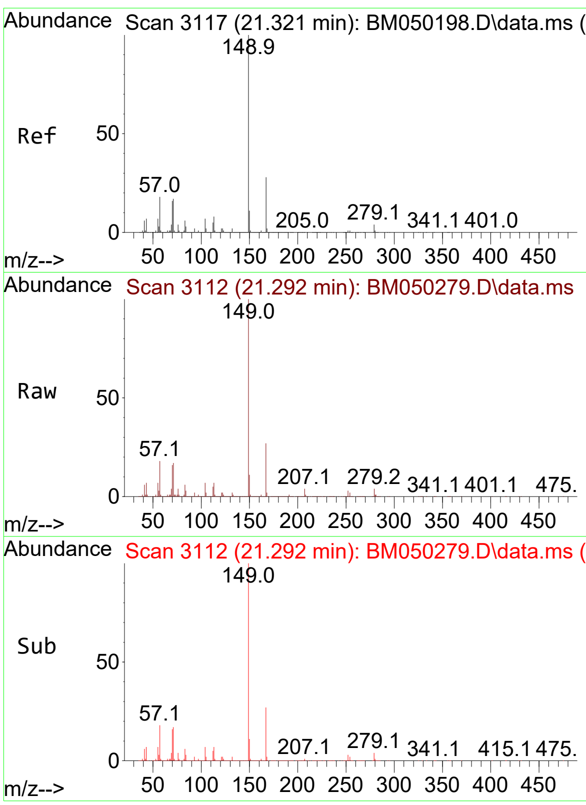


#83
Chrysene
Concen: 47.708 ng
RT: 21.409 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:228 Resp: 4748406

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	19.6	15.8	23.8

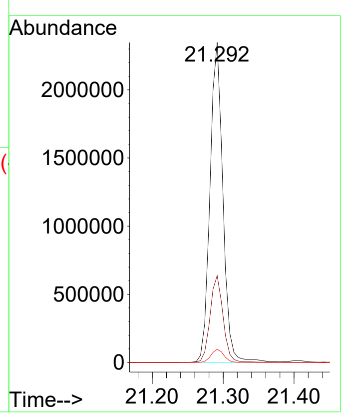




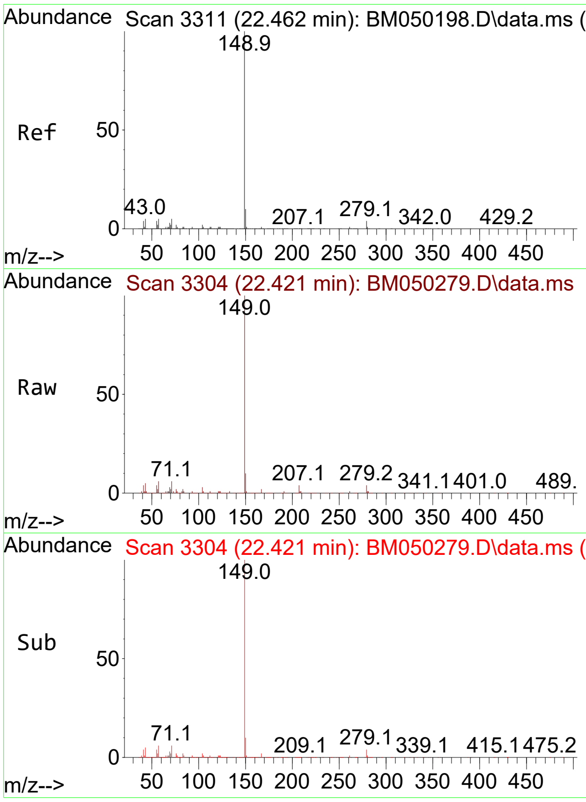
#84
Bis(2-ethylhexyl)phthalate
Concen: 52.057 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:149 Resp: 2980181

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.3	33.5
279	4.2	3.5	5.3



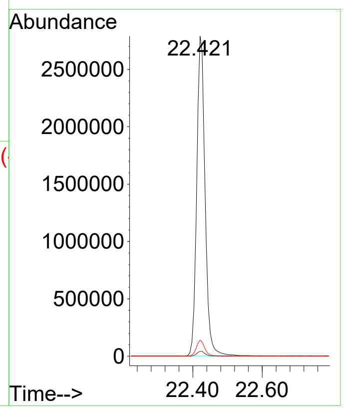
Instrument :
BNA_M
ClientSampleId :
PB168422BS

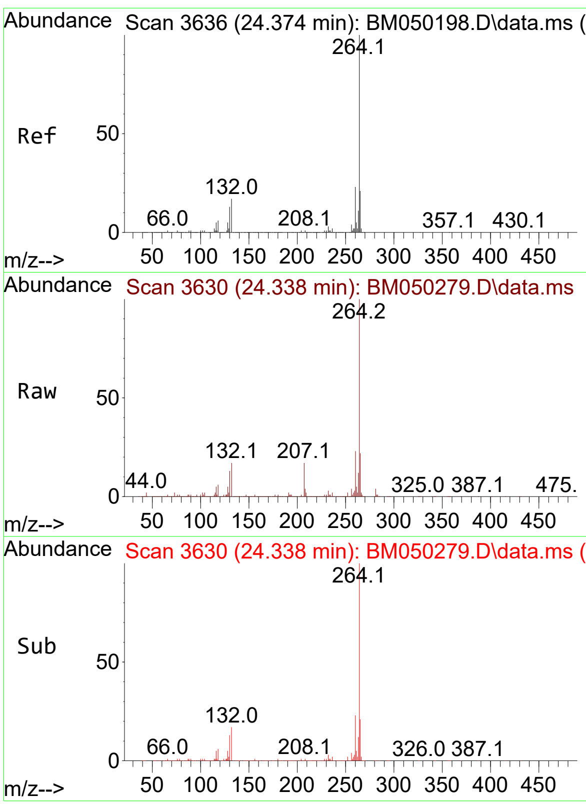


#85
Di-n-octyl phthalate
Concen: 54.703 ng
RT: 22.421 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:149 Resp: 4646981

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	5.1	3.8	5.8

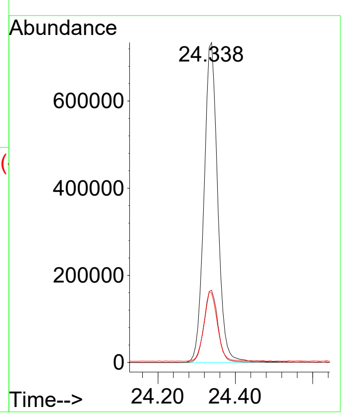




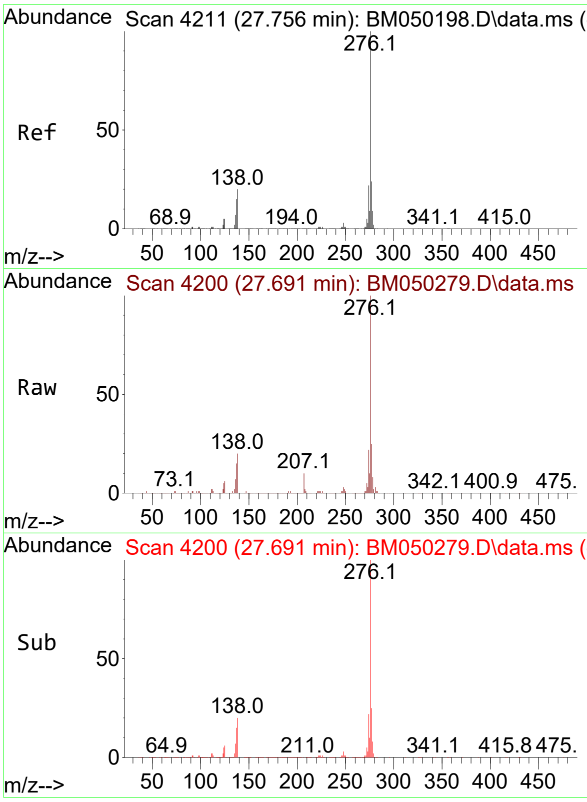
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.338 min Scan# 3630
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:264 Resp: 1805248

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	21.7	16.8	25.2



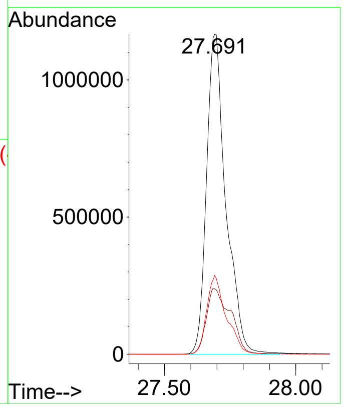
Instrument :
BNA_M
ClientSampleId :
PB168422BS

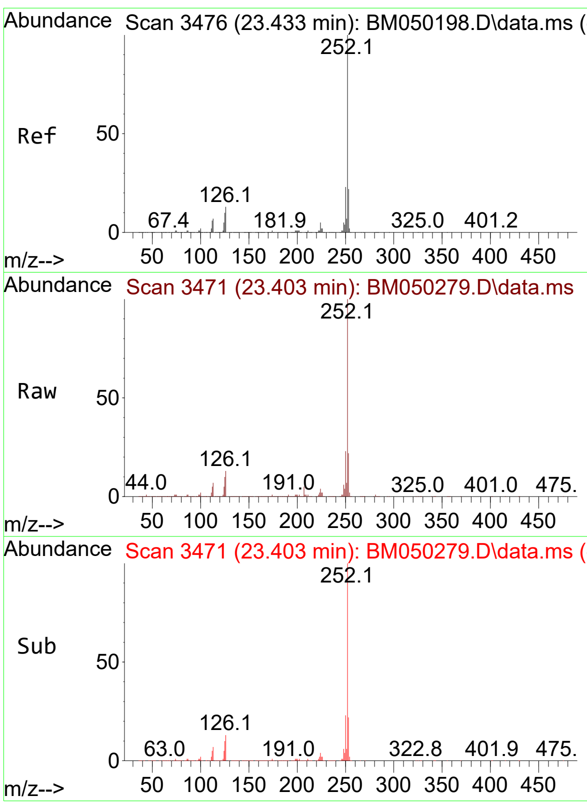


#87
Indeno(1,2,3-cd)pyrene
Concen: 51.635 ng
RT: 27.691 min Scan# 4200
Delta R.T. -0.018 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:276 Resp: 6001859

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	24.8	19.8	29.6

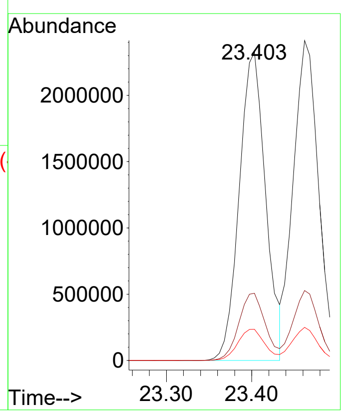




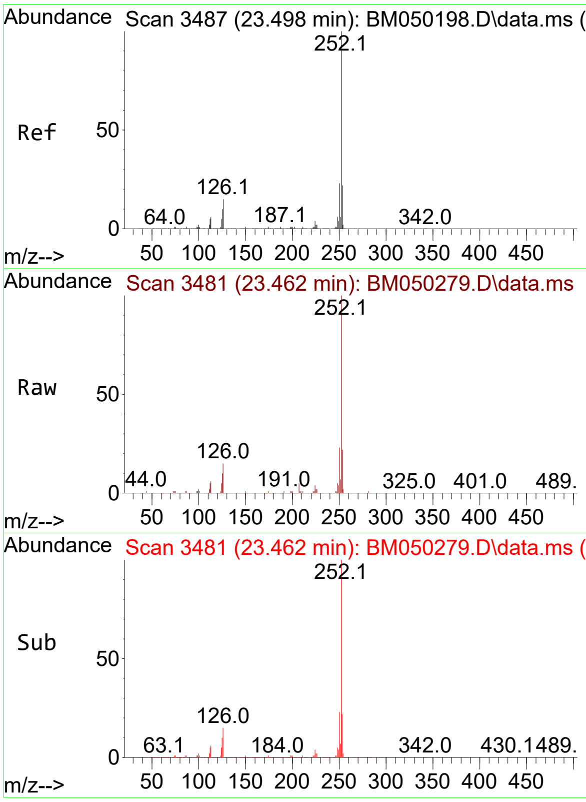
#88
Benzo(b)fluoranthene
Concen: 47.615 ng
RT: 23.403 min Scan# 3471
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:252 Resp: 4997528

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.1	8.2	12.4



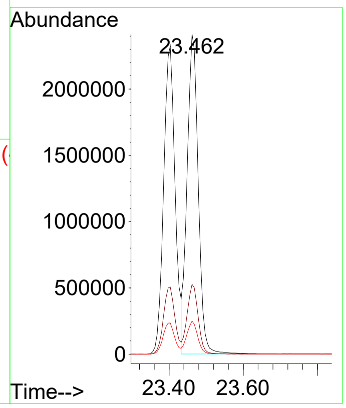
Instrument :
BNA_M
ClientSampleId :
PB168422BS

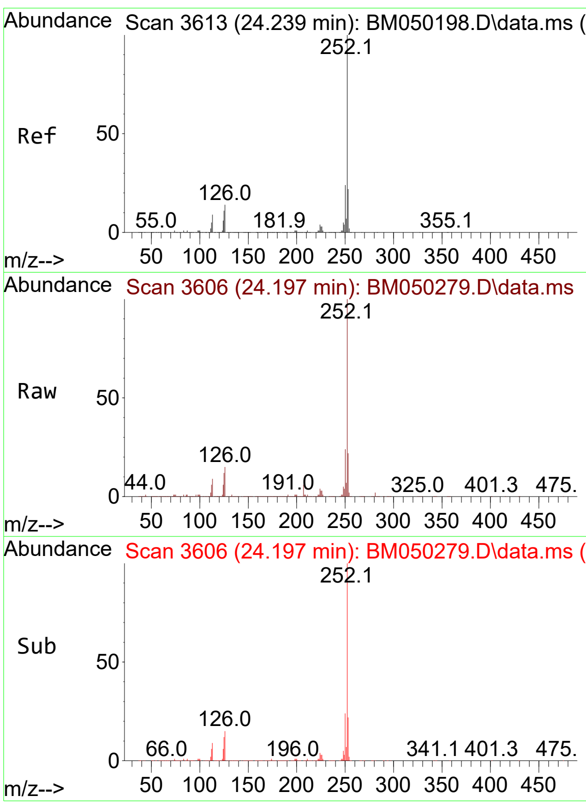


#89
Benzo(k)fluoranthene
Concen: 47.074 ng
RT: 23.462 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:252 Resp: 5043883

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.4	8.2	12.4

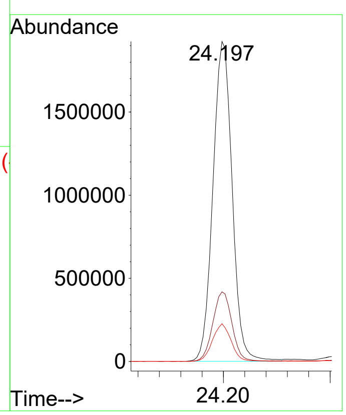




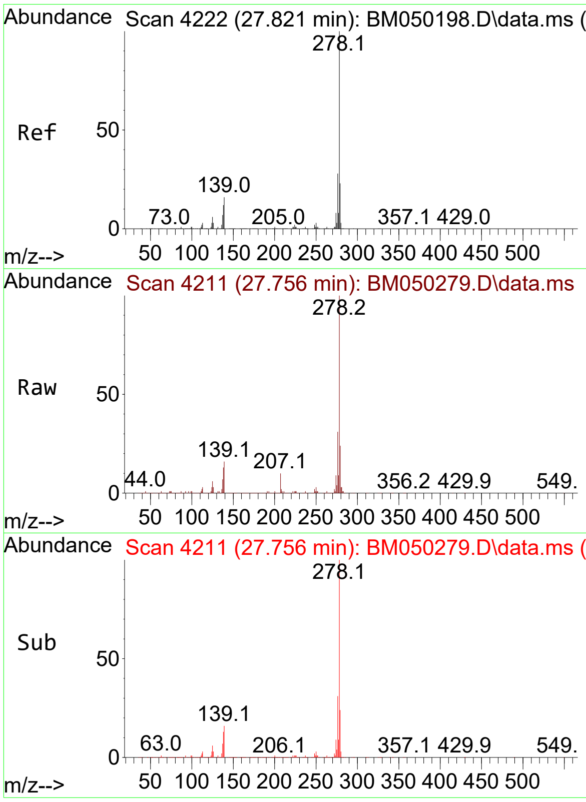
#90
Benzo(a)pyrene
Concen: 48.821 ng
RT: 24.197 min Scan# 3606
Delta R.T. -0.012 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:252 Resp: 4817750

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.8	9.0	13.4



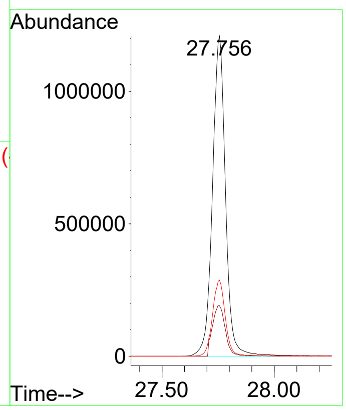
Instrument :
BNA_M
ClientSampleId :
PB168422BS

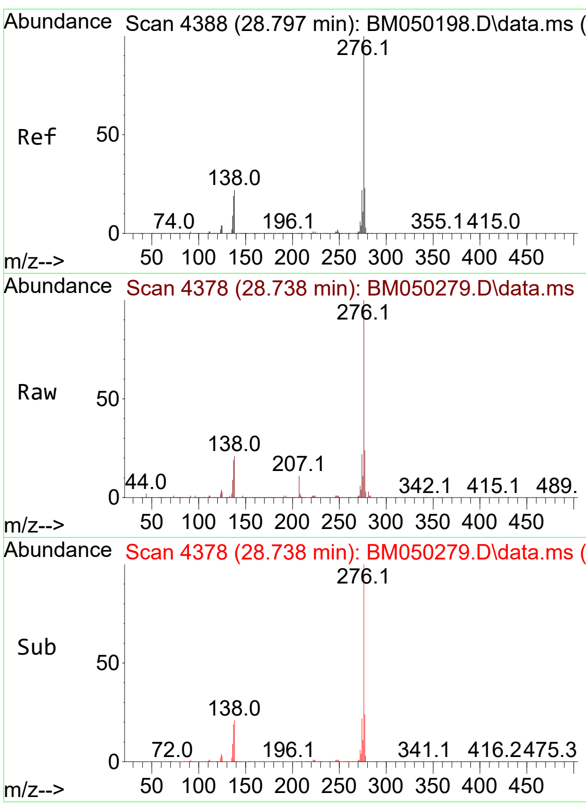


#91
Dibenzo(a,h)anthracene
Concen: 51.655 ng
RT: 27.756 min   Scan# 4
Delta R.T.   -0.012 min
Lab File: BM050279.D
Acq: 11 Jun 2025   18:04

Tgt Ion:278 Resp: 4873588

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.8	19.2
279	23.8	18.6	28.0

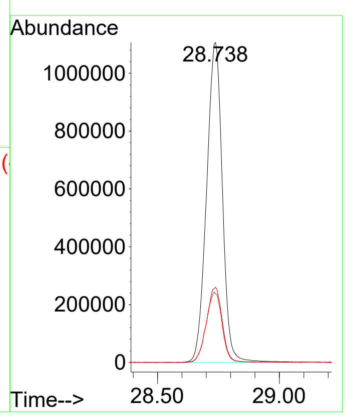




#92
Benzo(g,h,i)perylene
Concen: 52.547 ng
RT: 28.738 min   Scan# 4378
Delta R.T.   -0.012 min
Lab File: BM050279.D
Acq: 11 Jun 2025   18:04

Tgt Ion:276 Resp: 4962109

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	21.5	17.8	26.6



Raw Data: **BM050281.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/06/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	ARS20-0032MS	SDG No.:	Q2267
Lab Sample ID:	Q2262-02MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050281.D	1	06/11/25 12:20	06/11/25 19:23	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	400		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	440		5.30	50.0	ug/L
95-48-7	2-Methylphenol	460		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	440		11.0	100	ug/L
67-72-1	Hexachloroethane	460		6.50	50.0	ug/L
98-95-3	Nitrobenzene	510		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	470		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	510		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	520		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	570		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	520		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1100	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	127		23 - 138	85%	SPK: 150
13127-88-3	Phenol-d6	111		10 - 134	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.9		67 - 132	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.5		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		44 - 137	98%	SPK: 150
1718-51-0	Terphenyl-d14	84.2		42 - 152	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	381000	7.763			
1146-65-2	Naphthalene-d8	1480000	10.552			
15067-26-2	Acenaphthene-d10	833000	14.398			
1517-22-2	Phenanthrene-d10	1530000	17.133			
1719-03-5	Chrysene-d12	1640000	21.363			
1520-96-3	Perylene-d12	1800000	24.339			

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/06/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/06/25	
Client Sample ID:	ARS20-0032MS		SDG No.:	Q2267	
Lab Sample ID:	Q2262-02MS		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100 Units: mL		Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050281.D	1	06/11/25 12:20	06/11/25 19:23	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Quantitation Report (QT Reviewed)

Sample Results: **BM050281.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050281.D
Acq On    : 11 Jun 2025  19:23
Operator  : RC/JU
Sample    : Q2262-02MS
Misc      :
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Jun 12 02:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration
```

Instrument : BNA_M
ClientSampleId : ARS20-0032MS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	381437	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1477946	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	832888	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1533181	20.000	ng	0.00
76) Chrysene-d12	21.363	240	1635520	20.000	ng	-0.01
86) Perylene-d12	24.339	264	1800704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2905876	127.083	ng	0.00
7) Phenol-d6	6.934	99	3331582	110.680	ng	0.00
23) Nitrobenzene-d5	8.916	82	2498382	87.917	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1389599	146.683	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5133962	83.452	ng	0.00
79) Terphenyl-d14	19.763	244	7270187	84.237	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	396272	39.536	ng	96
3) Pyridine	3.681	79	1034304	39.848	ng	97
4) n-Nitrosodimethylamine	3.581	42	243494	45.366	ng	98
6) Aniline	7.093	93	1095017	27.518	ng	97
8) 2-Chlorophenol	7.334	128	1202517	47.811	ng	99
9) Benzaldehyde	6.905	77	471853	24.656	ng	97
10) Phenol	6.964	94	1290381	40.516	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	1233025	48.133	ng	97
12) 1,3-Dichlorobenzene	7.658	146	1247191	44.356	ng	99
13) 1,4-Dichlorobenzene	7.799	146	1286585	43.978	ng	99
14) 1,2-Dichlorobenzene	8.116	146	1241606	44.519	ng	99
15) Benzyl Alcohol	8.005	79	1015345	47.294	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	916949	51.527	ng	96
17) 2-Methylphenol	8.205	107	957148	45.548	ng	99
18) Hexachloroethane	8.846	117	488649	46.122	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	878671	47.701	ng	99
20) 3+4-Methylphenols	8.528	107	1238063	44.036	ng	98
22) Acetophenone	8.581	105	1768877	47.907	ng	99
24) Nitrobenzene	8.958	77	1313025	50.803	ng	98
25) Isophorone	9.487	82	2417171	49.281	ng	99
26) 2-Nitrophenol	9.663	139	562457	50.416	ng	96
27) 2,4-Dimethylphenol	9.734	122	1101040	48.033	ng	100
28) bis(2-Chloroethoxy)met...	9.969	93	1601977	49.996	ng	100
29) 2,4-Dichlorophenol	10.199	162	1043557	49.195	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1127946	47.784	ng	99
31) Naphthalene	10.604	128	3677240	48.123	ng	100
32) Benzoic acid	9.846	122	462859	32.130	ng	98
33) 4-Chloroaniline	10.710	127	412783	12.671	ng	98
34) Hexachlorobutadiene	10.899	225	653301	46.529	ng	100
35) Caprolactam	11.481	113	246773	36.694	ng	89
36) 4-Chloro-3-methylphenol	11.834	107	1089291	48.124	ng	99
37) 2-Methylnaphthalene	12.216	142	2247679	48.759	ng	98
38) 1-Methylnaphthalene	12.434	142	2355768	48.148	ng	99
40) 1,2,4,5-Tetrachloroben...	12.587	216	1202884	50.015	ng	99
41) Hexachlorocyclopentadiene	12.575	237	1431195	97.987	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	804145	50.844	ng	99

Sample Results: **BM050281.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050281.D
Acq On : 11 Jun 2025 19:23
Operator : RC/JU
Sample : Q2262-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

Quant Time: Jun 12 02:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.893	196	894325	51.501 ng	98
46) 1,1'-Biphenyl	13.234	154	3101685	49.734 ng	99
47) 2-Chloronaphthalene	13.269	162	2385063	49.191 ng	99
48) 2-Nitroaniline	13.469	65	623778	58.462 ng	97
49) Acenaphthylene	14.116	152	3903918	49.781 ng	100
50) Dimethylphthalate	13.857	163	2869243	50.938 ng	99
51) 2,6-Dinitrotoluene	13.963	165	609948	53.695 ng	91
52) Acenaphthene	14.463	154	2587392m	52.749 ng	
53) 3-Nitroaniline	14.292	138	586692	46.341 ng	100
54) 2,4-Dinitrophenol	14.492	184	514389	76.398 ng	96
55) Dibenzofuran	14.792	168	3595883	50.109 ng	99
56) 4-Nitrophenol	14.598	139	1069374	99.241 ng	99
57) 2,4-Dinitrotoluene	14.751	165	855637	57.101 ng	97
58) Fluorene	15.439	166	2776488	50.515 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	779081	51.856 ng	92
60) Diethylphthalate	15.228	149	2928033	52.390 ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	1356051	51.048 ng	99
62) 4-Nitroaniline	15.457	138	661481	55.746 ng	98
63) Azobenzene	15.734	77	2927296	52.402 ng	98
65) 4,6-Dinitro-2-methylph...	15.516	198	390583	46.642 ng	99
66) n-Nitrosodiphenylamine	15.651	169	2482051	51.523 ng	100
67) 4-Bromophenyl-phenylether	16.334	248	863779	52.832 ng	97
68) Hexachlorobenzene	16.445	284	999682	52.333 ng	96
69) Atrazine	16.604	200	850445	55.405 ng	100
70) Pentachlorophenol	16.786	266	1357499	109.305 ng	100
71) Phenanthrene	17.175	178	4495995	51.333 ng	100
72) Anthracene	17.269	178	4526663	51.662 ng	100
73) Carbazole	17.533	167	4226897	52.953 ng	100
74) Di-n-butylphthalate	18.110	149	4960269	57.110 ng	100
75) Fluoranthene	19.192	202	5018430	54.333 ng	99
77) Benzidine	19.375	184	2297747	49.960 ng	100
78) Pyrene	19.551	202	5327195	48.326 ng	100
80) Butylbenzylphthalate	20.463	149	2094450	56.960 ng	99
81) Benzo(a)anthracene	21.345	228	5308290	51.277 ng	99
82) 3,3'-Dichlorobenzidine	21.269	252	1212488	38.408 ng	98
83) Chrysene	21.410	228	5068603	51.473 ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	3299129	58.248 ng	99
85) Di-n-octyl phthalate	22.427	149	5326928	63.381 ng	100
87) Indeno(1,2,3-cd)pyrene	27.697	276	6568942	56.657 ng	100
88) Benzo(b)fluoranthene	23.404	252	5398393	51.564 ng	100
89) Benzo(k)fluoranthene	23.468	252	5546796	51.899 ng	100
90) Benzo(a)pyrene	24.204	252	5246501	53.300 ng	100
91) Dibenzo(a,h)anthracene	27.756	278	5378627	57.151 ng	99
92) Benzo(g,h,i)perylene	28.739	276	5412386	57.460 ng	100

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

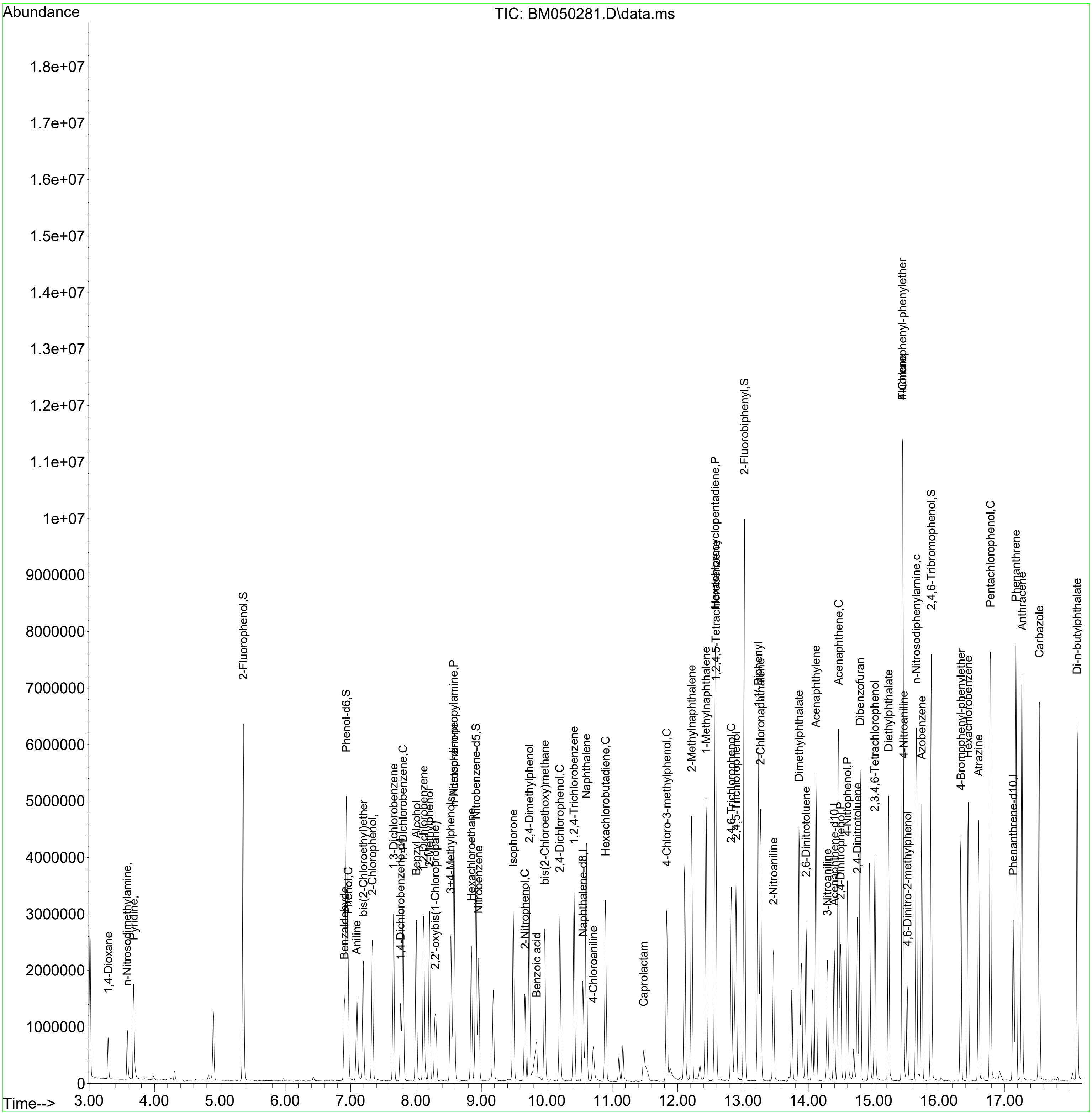
Quantitation Report (QT Reviewed)

Sample Results: **BM050281.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050281.D
Acq On : 11 Jun 2025 19:23
Operator : RC/JU
Sample : Q2262-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :	BNA_M
ClientSampleId :	ARS20-0032MS

Quant Time: Jun 12 02:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

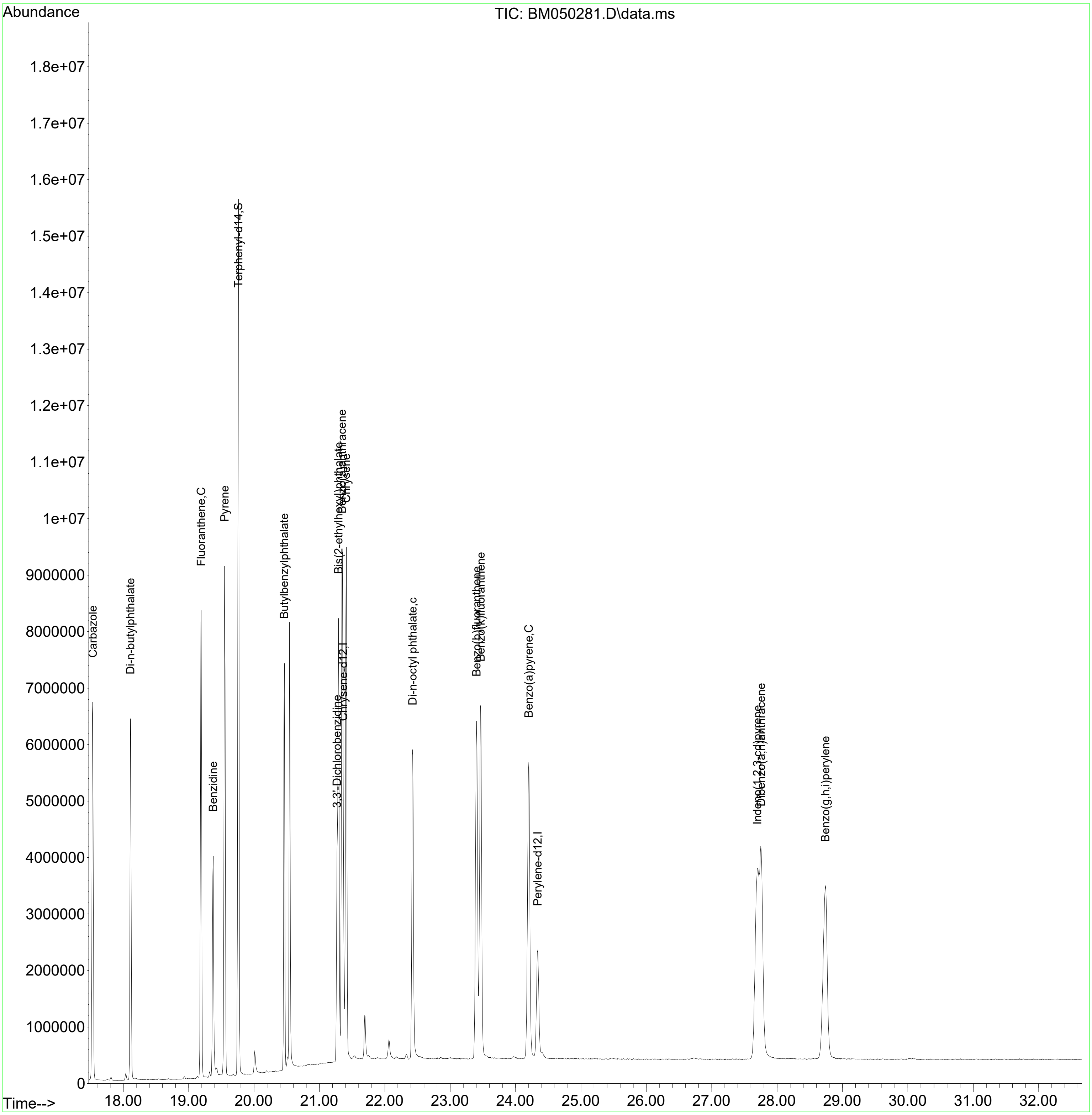


Sample Results: **BM050281.D**

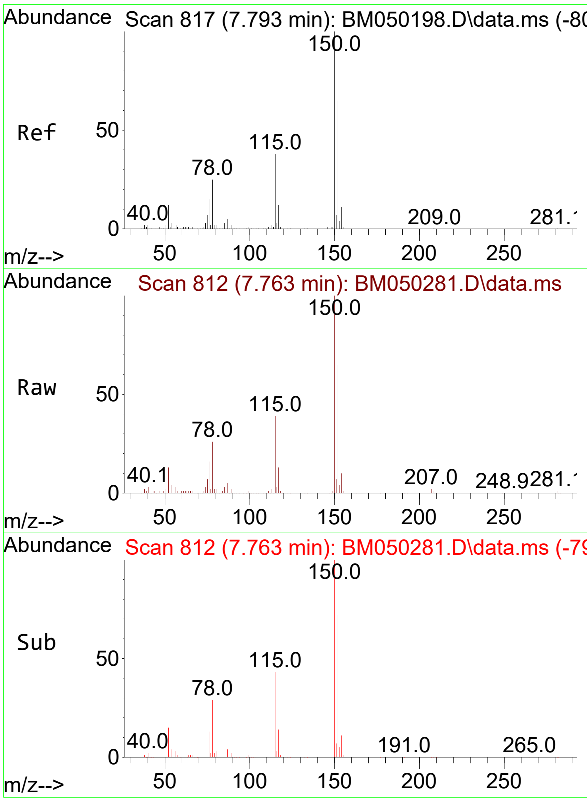
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050281.D
Acq On : 11 Jun 2025 19:23
Operator : RC/JU
Sample : Q2262-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :	BNA_M
ClientSampleId :	ARS20-0032MS

Quant Time: Jun 12 02:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



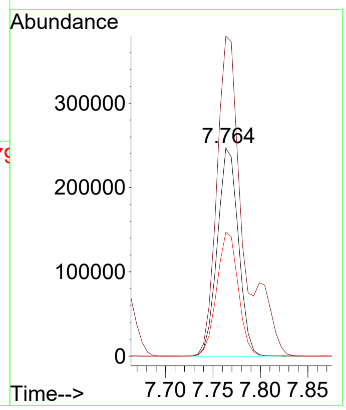
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

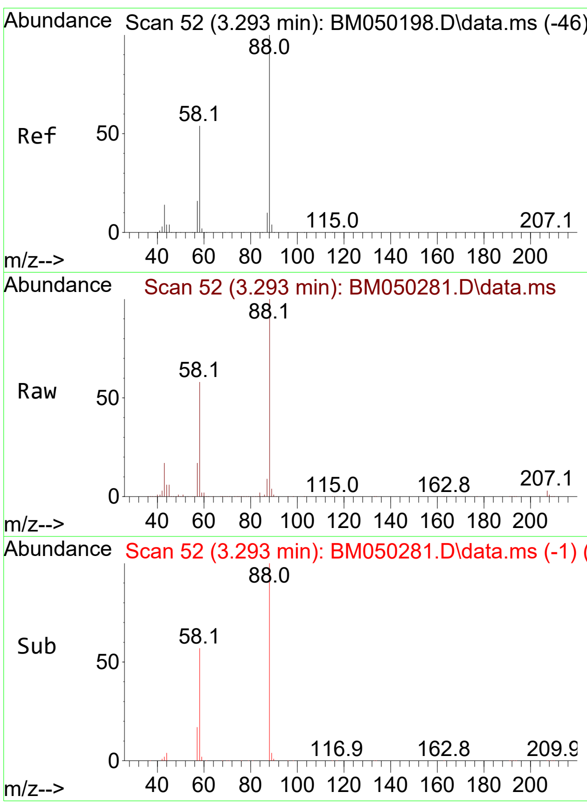


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:152 Resp: 381437

Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.2	183.4
115	59.5	46.3	69.5

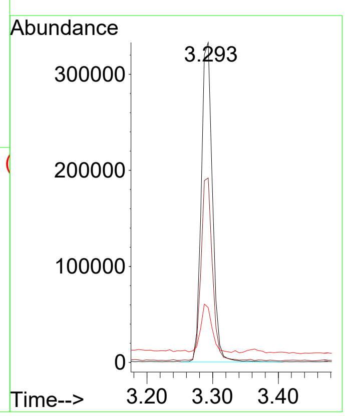




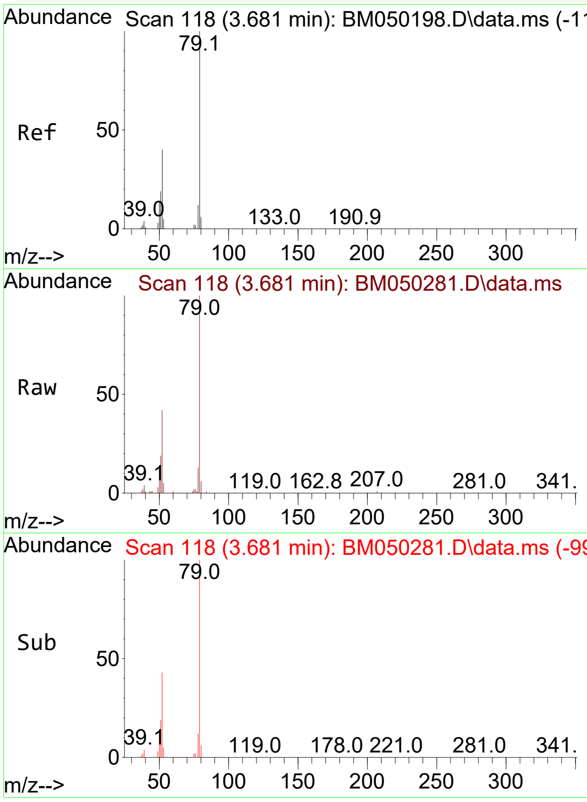
#2
1,4-Dioxane
Concen: 39.536 ng
RT: 3.293 min Scan# 52
Delta R.T. 0.012 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion: 88 Resp: 396272

Ion	Ratio	Lower	Upper
88	100		
58	57.1	42.9	64.3
43	14.8	11.0	16.6



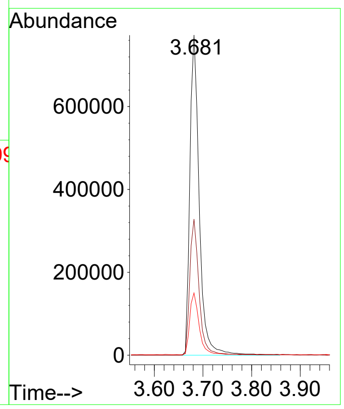
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

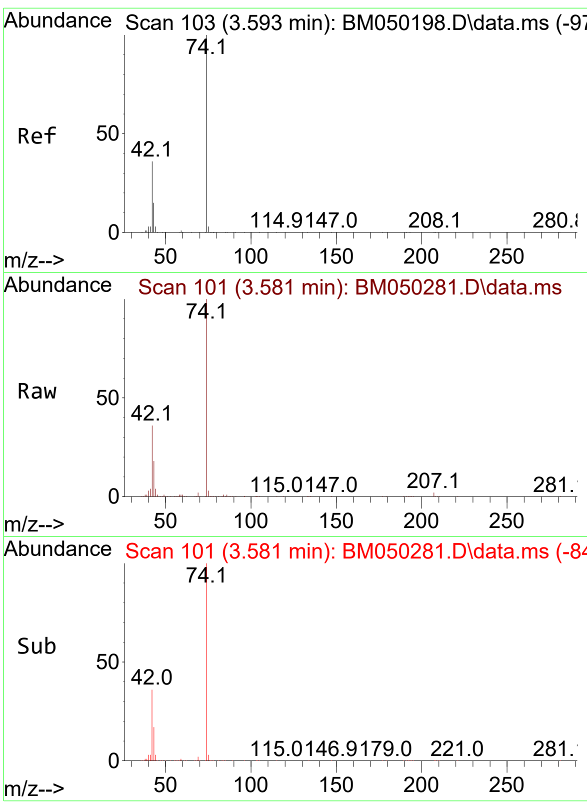


#3
Pyridine
Concen: 39.848 ng
RT: 3.681 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion: 79 Resp: 1034304

Ion	Ratio	Lower	Upper
79	100		
52	42.5	32.1	48.1
51	19.5	15.4	23.0

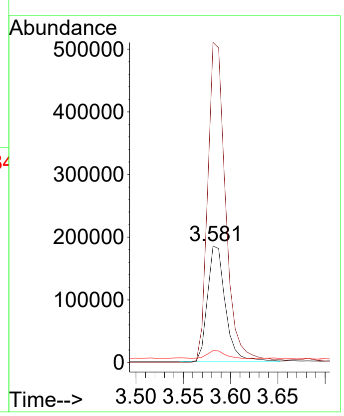




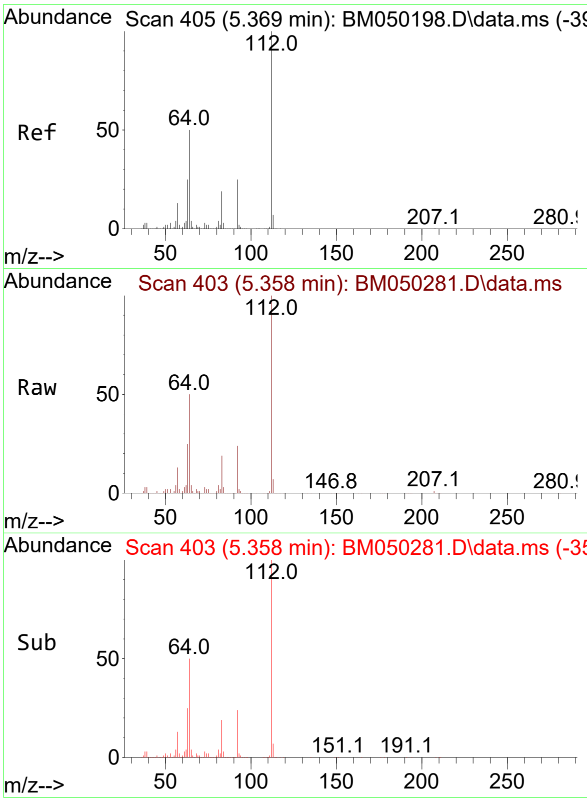
#4
n-Nitrosodimethylamine
Concen: 45.366 ng
RT: 3.581 min Scan# 101
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion: 42 Resp: 243494

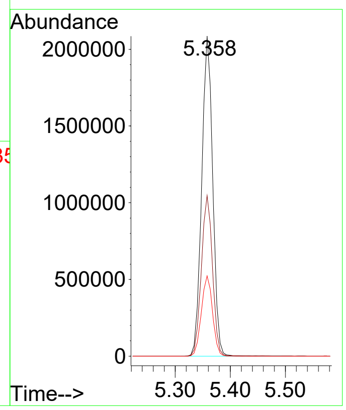
Ion	Ratio	Lower	Upper
42	100		
74	274.7	222.0	333.0
44	10.2	7.0	10.6

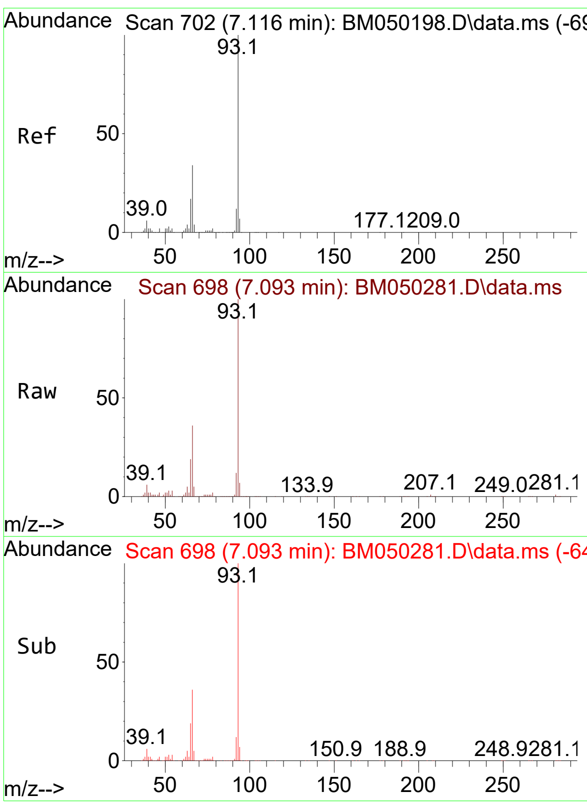


Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

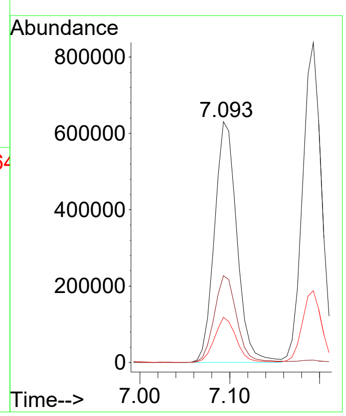



```
#5
2-Fluorophenol
Concen:  127.083 ng
RT:   5.358 min  Scan# 4(
Delta R.T.  0.000 min
Lab File:   BM050281.D
Acq: 11 Jun 2025  19:23

Tgt Ion:112 Resp: 2905876
Ion  Ratio  Lower  Upper
112  100
 64   50.2   39.8   59.6
 63   25.1   19.8   29.8
```

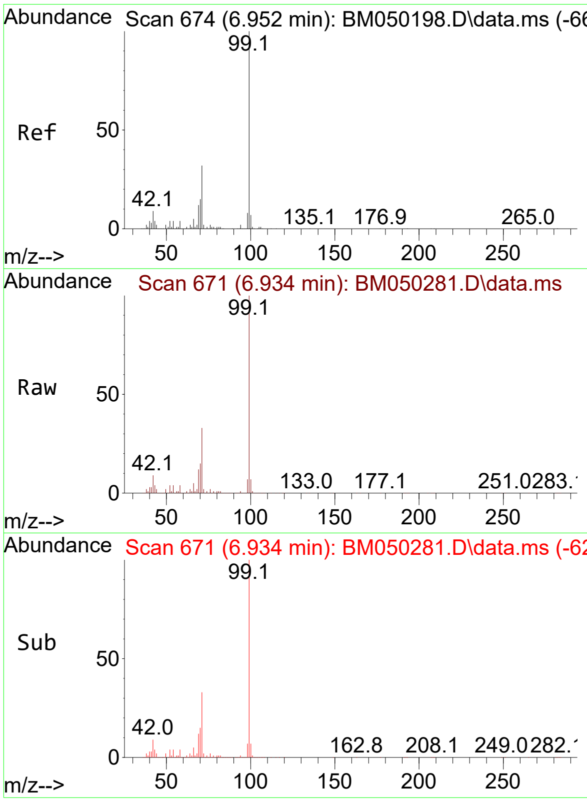





```
#6
Aniline
Concen:   27.518 ng
RT:   7.093 min  Scan# 698
Delta R.T.  0.000 min
Lab File:   BM050281.D
Acq: 11 Jun 2025  19:23

Tgt Ion: 93 Resp: 1095017
Ion  Ratio  Lower  Upper
 93  100
 66   36.0   27.4   41.2
 65   18.8   13.6   20.4
```



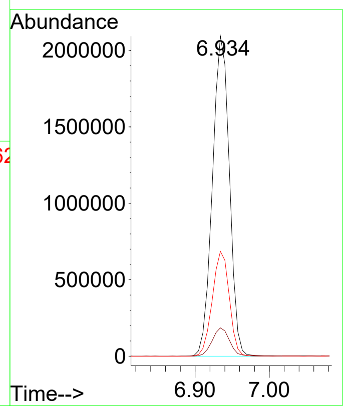
Instrument : BNA_M
ClientSampleId : ARS20-0032MS

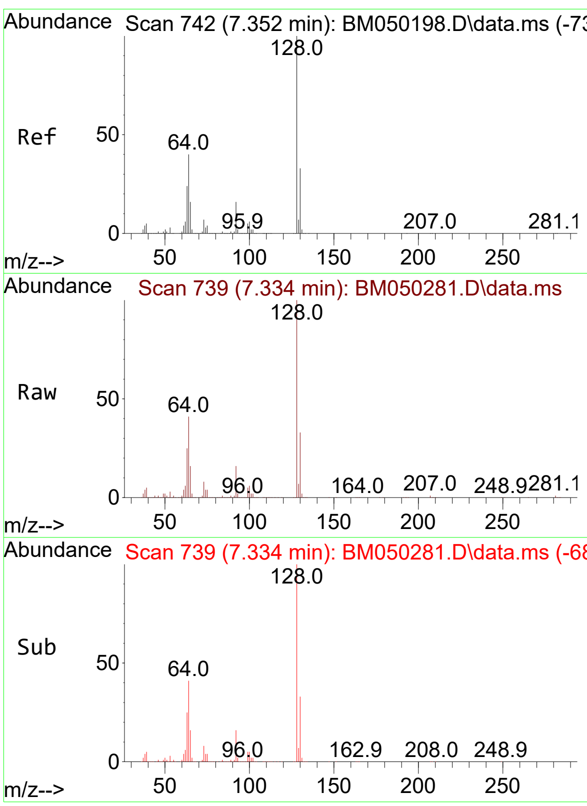


#7
Phenol-d6
Concen: 110.680 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion: 99 Resp: 3331582

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	32.8	25.3	37.9

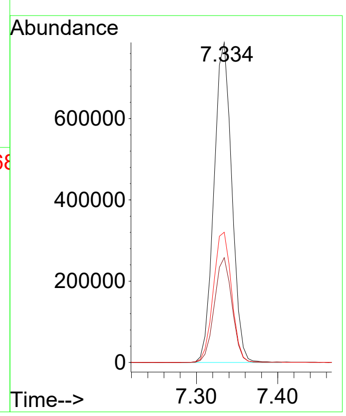




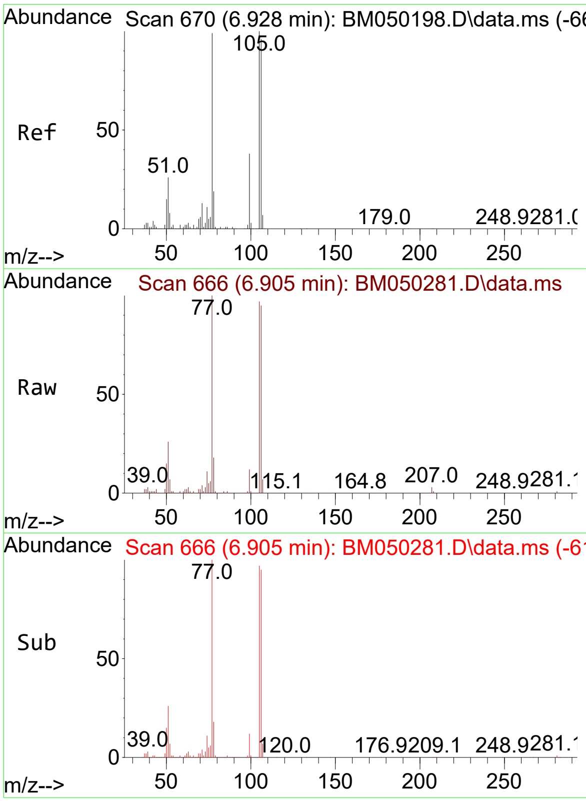
#8
2-Chlorophenol
Concen: 47.811 ng
RT: 7.334 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:128 Resp: 1202517

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	40.7	19.8	59.8



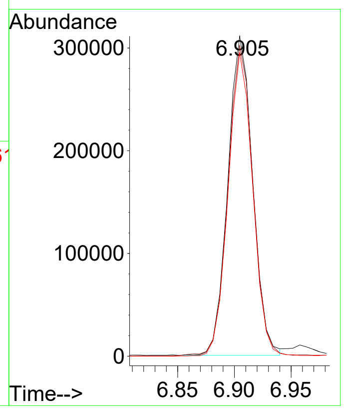
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

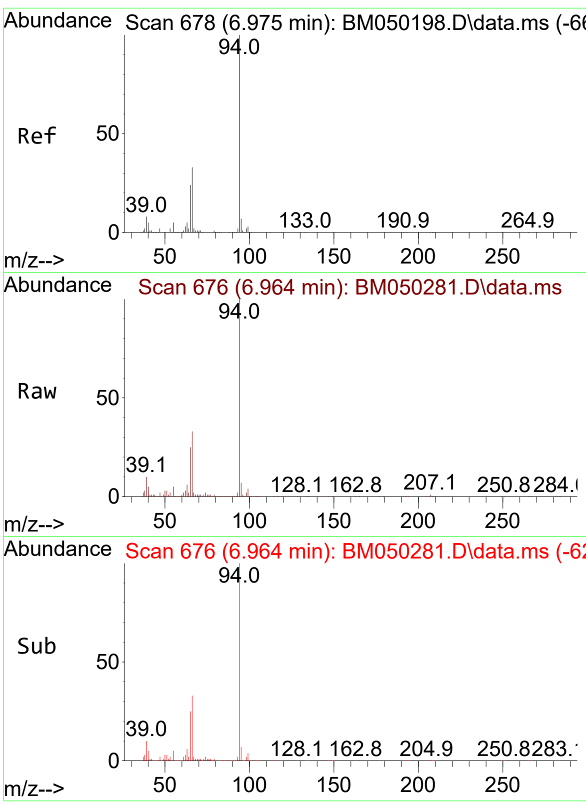


#9
Benzaldehyde
Concen: 24.656 ng
RT: 6.905 min   Scan# 6
Delta R.T.   -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025   19:23

Tgt Ion: 77 Resp: 471853

Ion	Ratio	Lower	Upper
77	100		
105	97.0	80.9	120.9
106	94.8	77.1	117.1

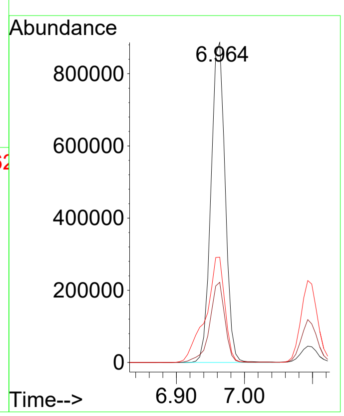




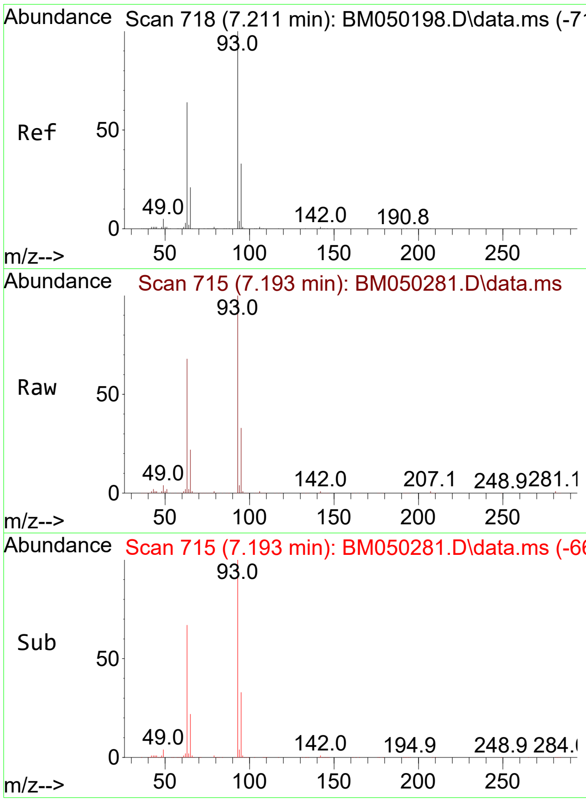
#10
Phenol
Concen: 40.516 ng
RT: 6.964 min   Scan# 676
Delta R.T.   0.006 min
Lab File: BM050281.D
Acq: 11 Jun 2025   19:23

Tgt Ion: 94 Resp: 1290381

Ion	Ratio	Lower	Upper
94	100		
65	25.1	4.3	44.3
66	32.9	12.9	52.9



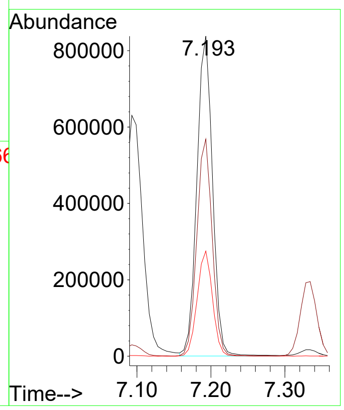
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

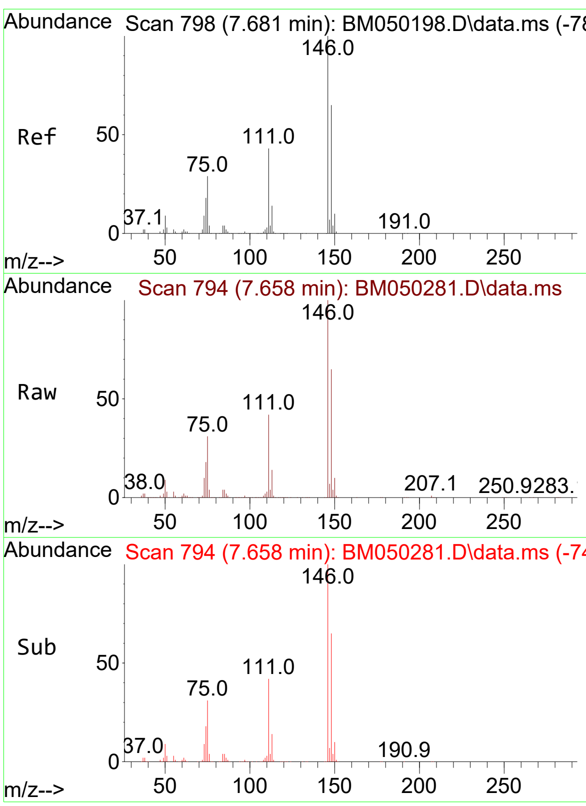


#11
bis(2-Chloroethyl)ether
Concen: 48.133 ng
RT: 7.193 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion: 93 Resp: 1233025

Ion	Ratio	Lower	Upper
93	100		
63	67.8	43.9	83.9
95	32.9	12.7	52.7

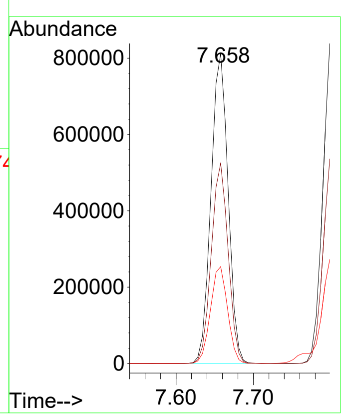




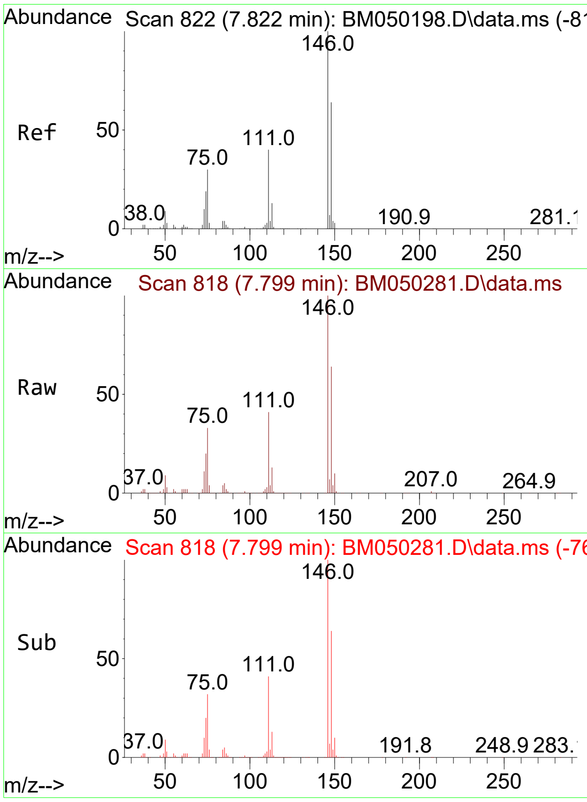
#12
1,3-Dichlorobenzene
Concen: 44.356 ng
RT: 7.658 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:146 Resp: 1247191

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
75	31.3	23.4	35.0



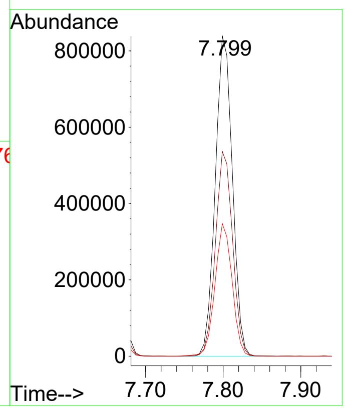
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

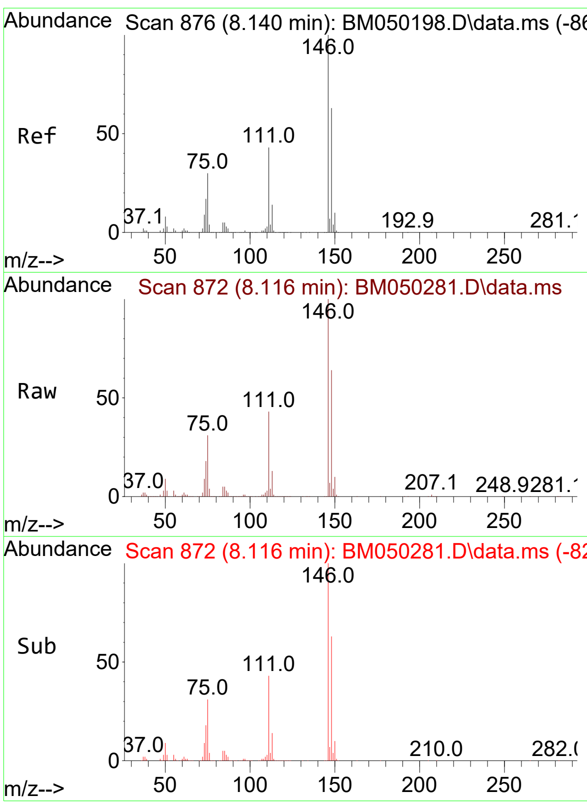


#13
1,4-Dichlorobenzene
Concen: 43.978 ng
RT: 7.799 min Scan# 8
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:146 Resp: 1286585

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
111	41.4	32.3	48.5

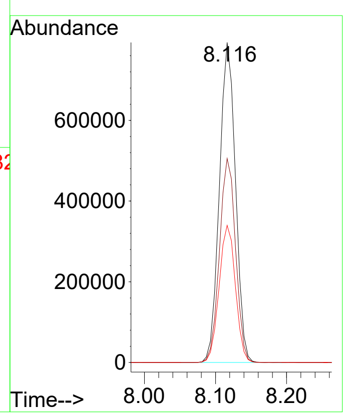




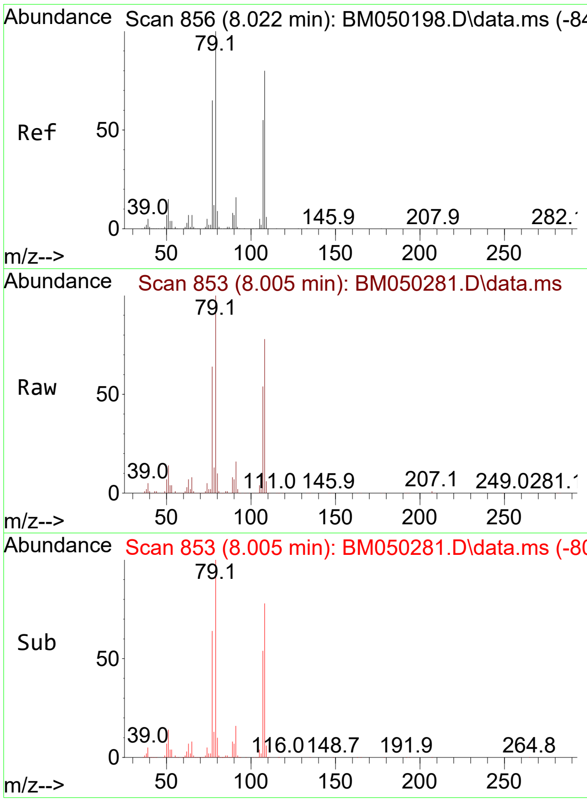
#14
1,2-Dichlorobenzene
Concen: 44.519 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:146 Resp: 1241606

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	42.9	34.3	51.5



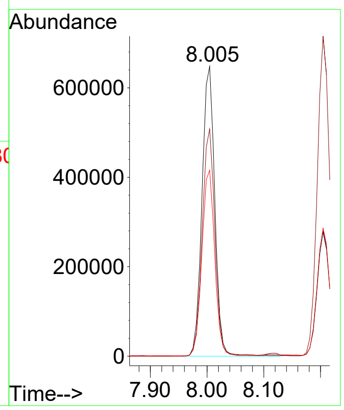
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

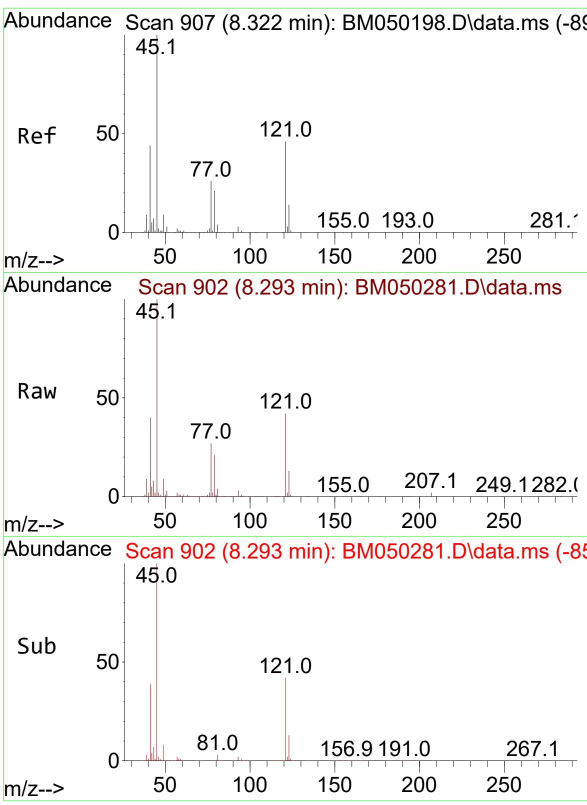


#15
Benzyl Alcohol
Concen: 47.294 ng
RT: 8.005 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion: 79 Resp: 1015345

Ion	Ratio	Lower	Upper
79	100		
108	78.4	64.0	96.0
77	64.2	52.2	78.2

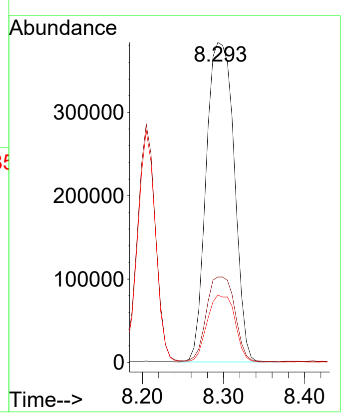




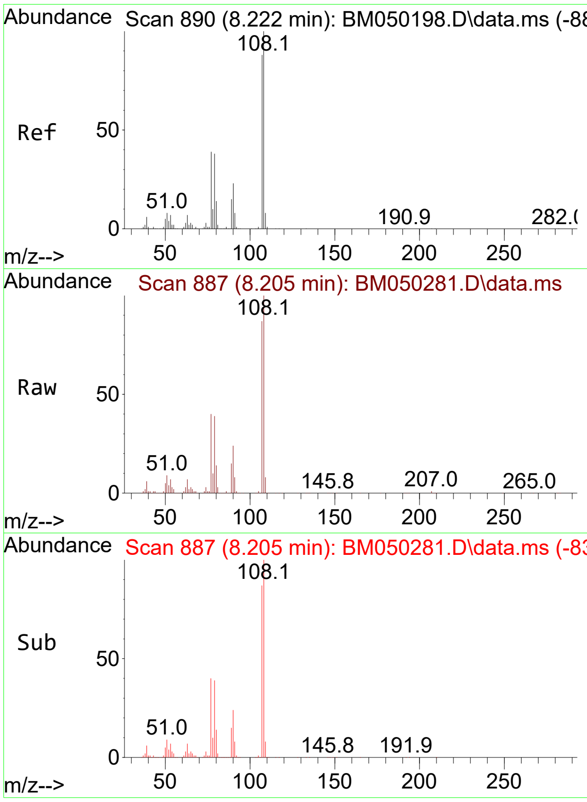
#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.527 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion: 45 Resp: 916949

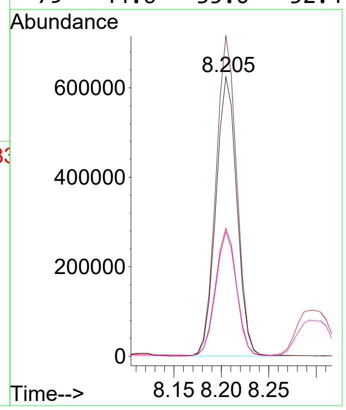
Ion	Ratio	Lower	Upper
45	100		
77	26.7	8.7	48.7
79	21.0	2.7	42.7

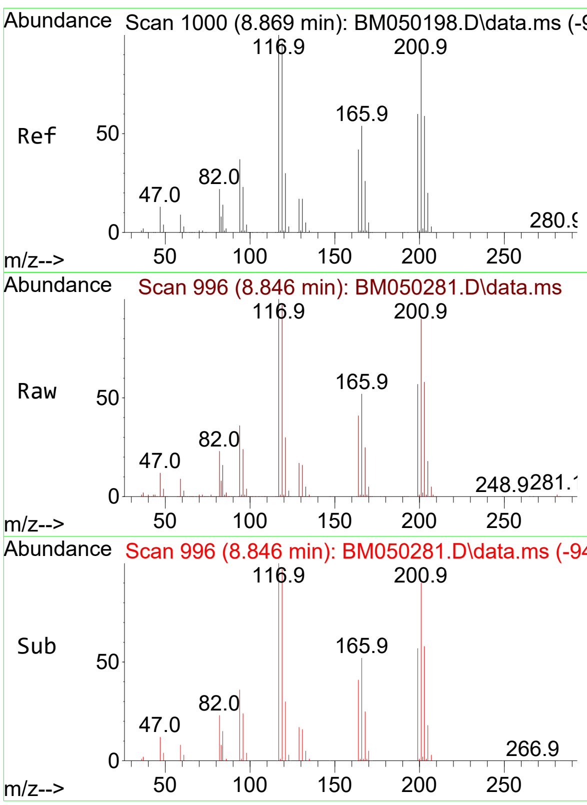


Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

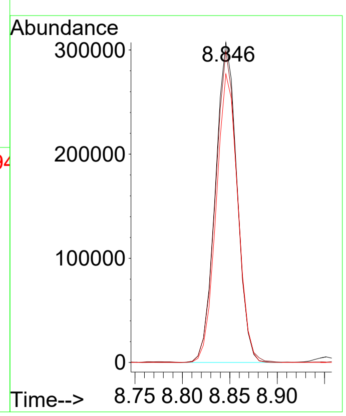



```
#17
2-Methylphenol
Concen:   45.548 ng
RT:   8.205 min  Scan# 8
Delta R.T.  0.000 min
Lab File:   BM050281.D
Acq: 11 Jun 2025  19:23

Tgt Ion:107 Resp:  957148
Ion  Ratio  Lower  Upper
107  100
108  114.6   90.8  136.2
 77   45.8   35.7   53.5
 79   44.6   35.0   52.4
```

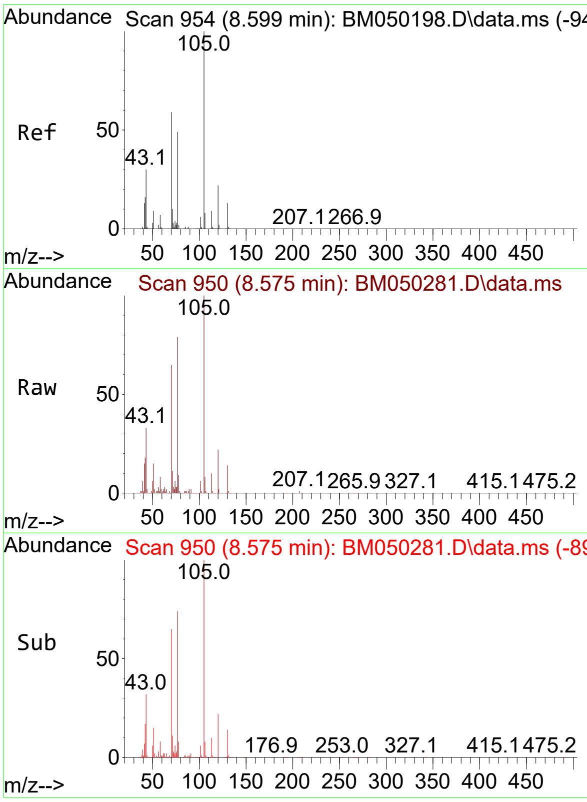





```
#18
Hexachloroethane
Concen:   46.122 ng
RT:   8.846 min  Scan# 996
Delta R.T.  -0.005 min
Lab File:   BM050281.D
Acq: 11 Jun 2025  19:23

Tgt Ion:117 Resp:  488649
Ion  Ratio  Lower  Upper
117  100
119   97.2   77.0  115.6
201   90.1   74.6  111.8
```



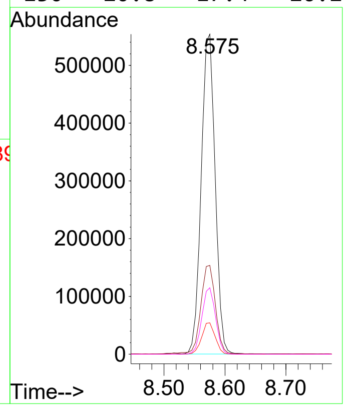
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

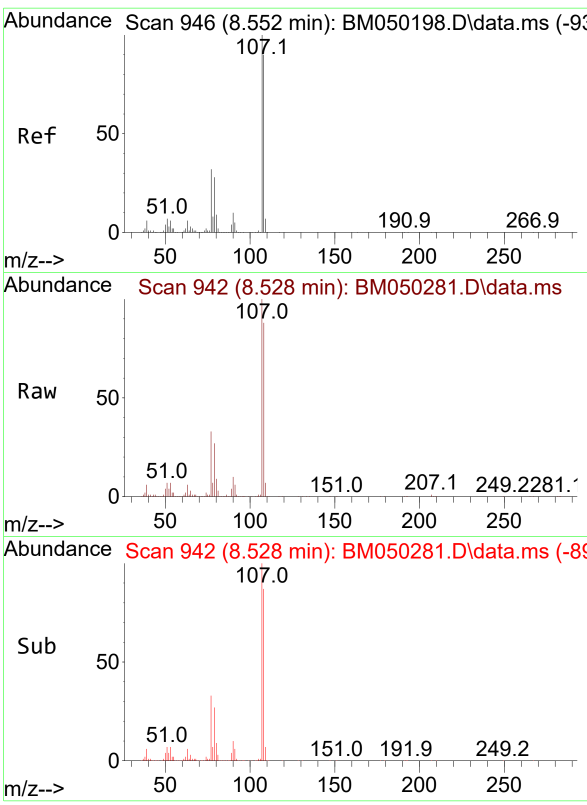


#19
n-Nitroso-di-n-propylamine
Concen: 47.701 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion: 70 Resp: 878671

Ion	Ratio	Lower	Upper
70	100		
42	27.7	22.6	33.8
101	9.8	8.3	12.5
130	20.8	17.4	26.2

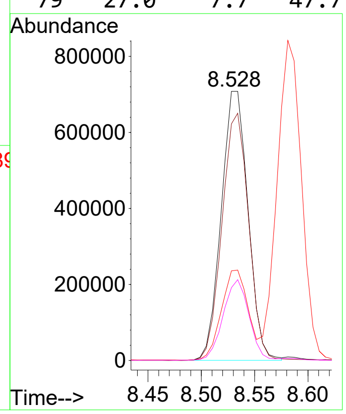




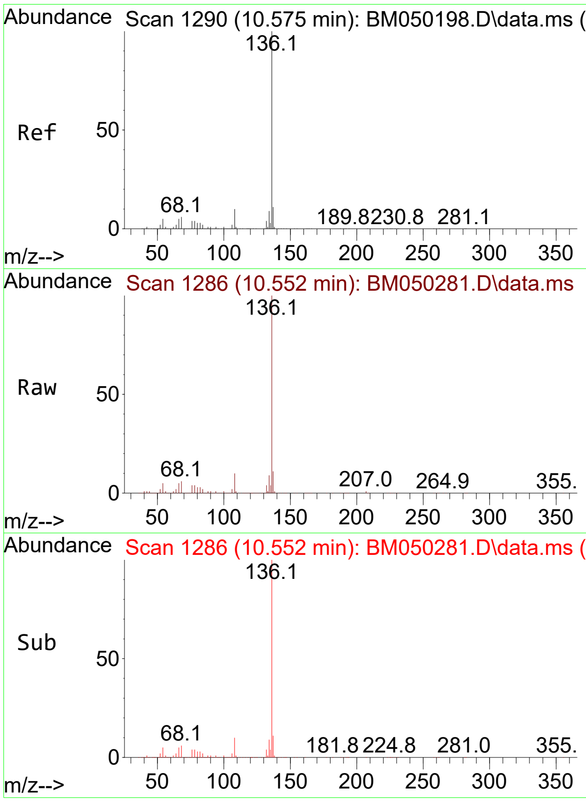
#20
3+4-Methylphenols
Concen: 44.036 ng
RT: 8.528 min Scan# 942
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:107 Resp: 1238063

Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.4	110.4
77	33.3	12.2	52.2
79	27.0	7.7	47.7



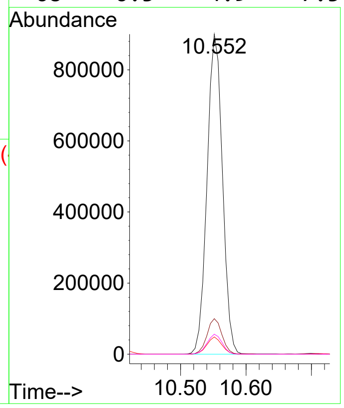
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

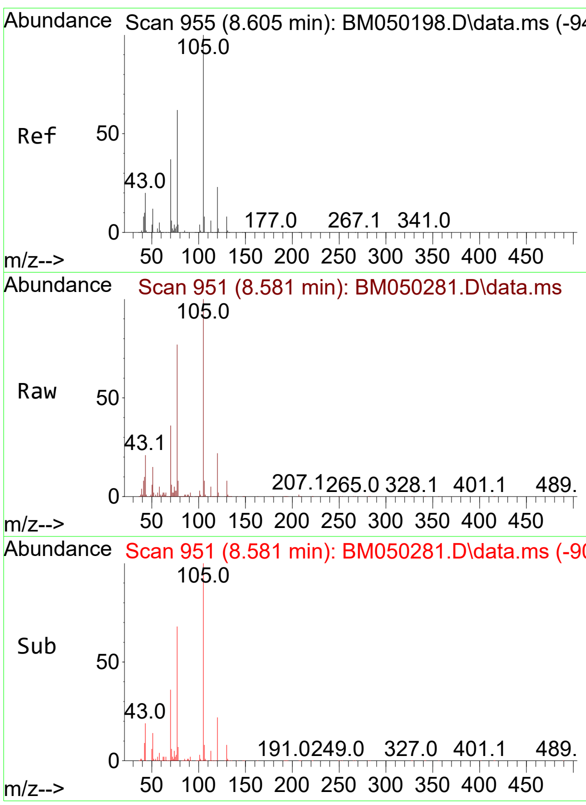


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:136 Resp: 1477946

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.4	3.8	5.8
68	6.3	4.9	7.3

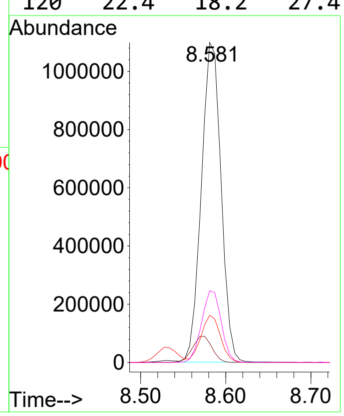




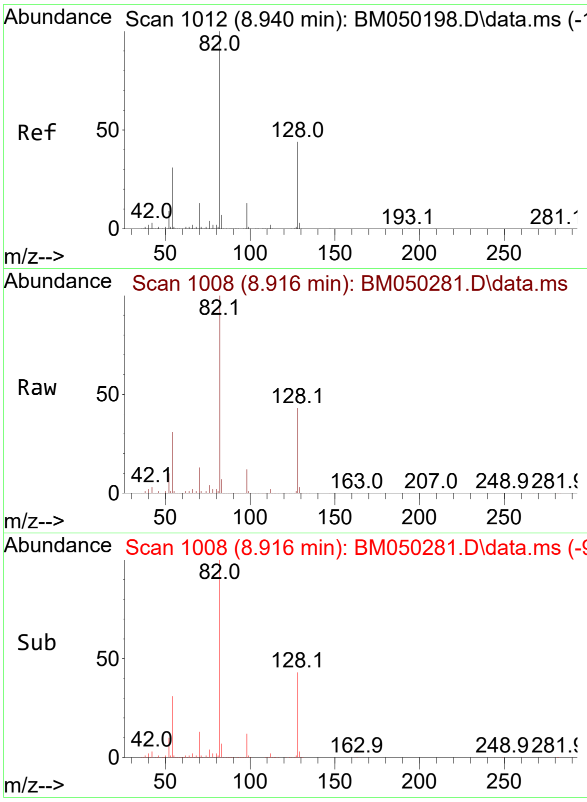
#22
Acetophenone
Concen: 47.907 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:105 Resp: 1768877

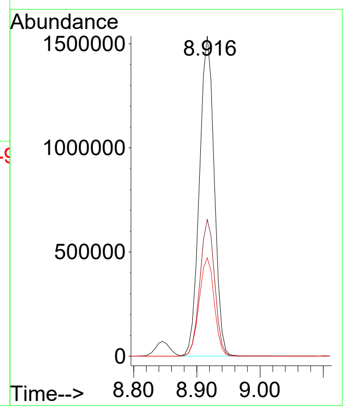
Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.0	7.4
51	14.7	11.4	17.2
120	22.4	18.2	27.4

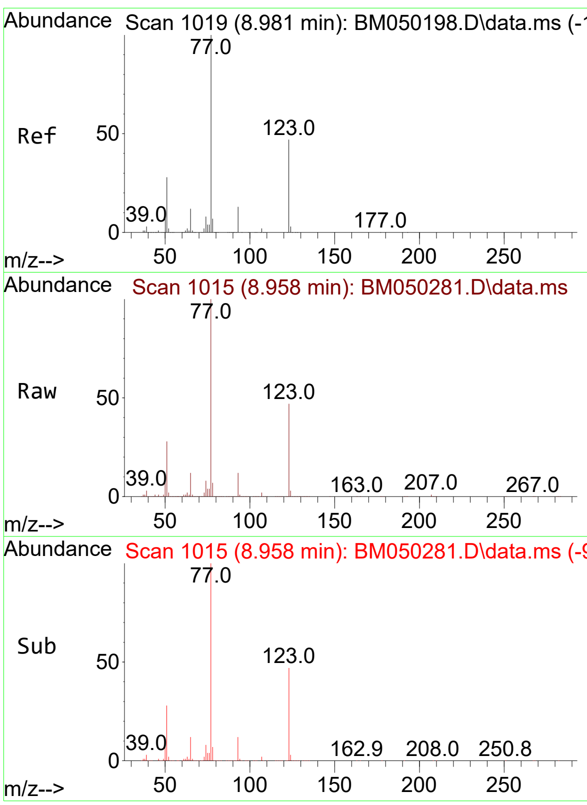


Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

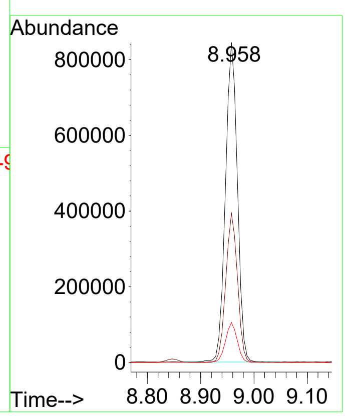



```
#23
Nitrobenzene-d5
Concen:   87.917 ng
RT:   8.916 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BM050281.D
Acq: 11 Jun 2025  19:23

Tgt Ion: 82 Resp: 2498382
Ion  Ratio  Lower  Upper
 82  100
128   42.7   35.2   52.8
 54   30.8   24.5   36.7
```

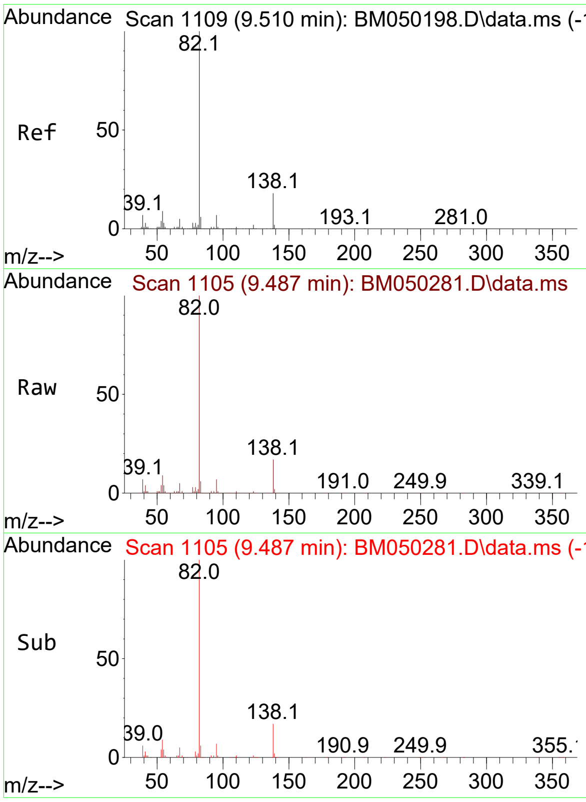





```
#24
Nitrobenzene
Concen:   50.803 ng
RT:   8.958 min  Scan# 1015
Delta R.T.  -0.005 min
Lab File:   BM050281.D
Acq: 11 Jun 2025  19:23

Tgt Ion: 77 Resp: 1313025
Ion  Ratio  Lower  Upper
 77  100
123   46.6   38.2   57.2
 65   12.4    9.5   14.3
```



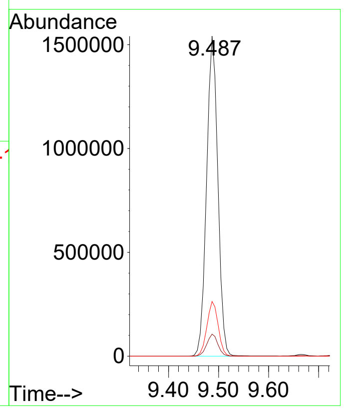
Instrument : BNA_M
ClientSampleId : ARS20-0032MS

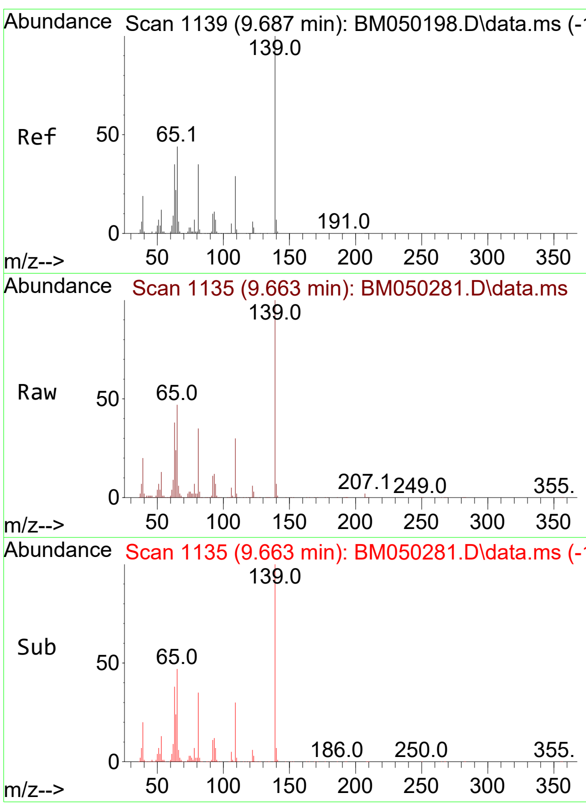


#25
Isophorone
Concen: 49.281 ng
RT: 9.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion: 82 Resp: 2417171

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	17.1	14.2	21.2

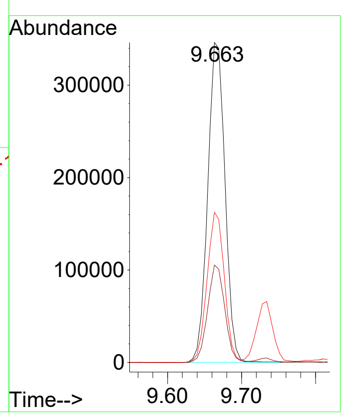




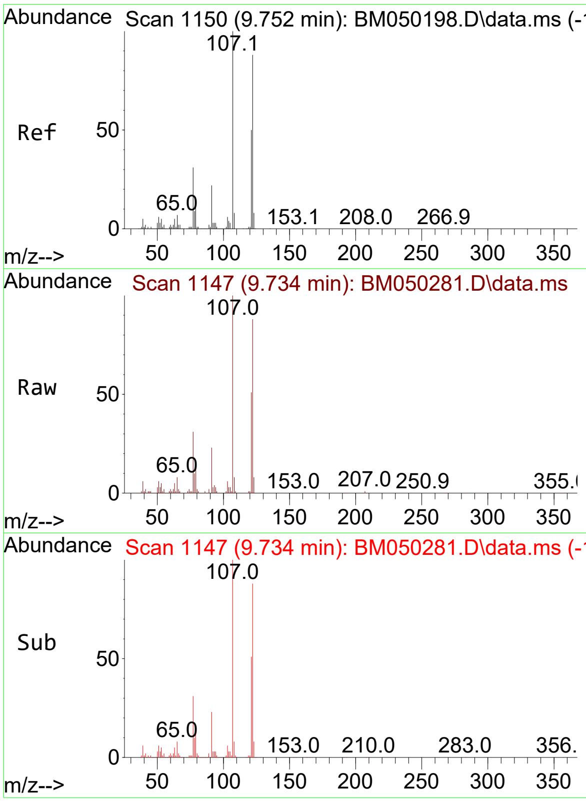
#26
2-Nitrophenol
Concen: 50.416 ng
RT: 9.663 min Scan# 1135
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:139 Resp: 562457

Ion	Ratio	Lower	Upper
139	100		
109	30.4	23.3	34.9
65	46.9	35.2	52.8



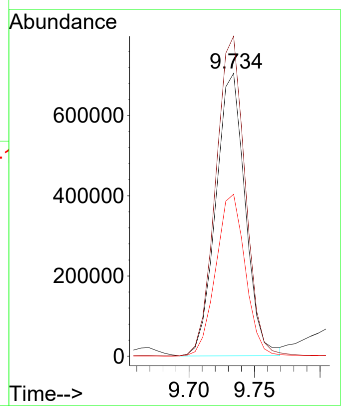
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

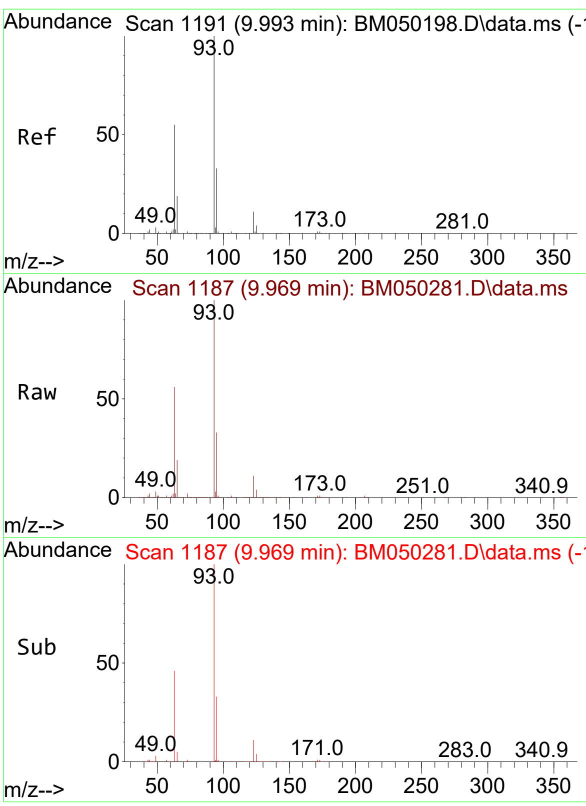


#27
2,4-Dimethylphenol
Concen: 48.033 ng
RT: 9.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:122 Resp: 1101040

Ion	Ratio	Lower	Upper
122	100		
107	113.1	91.0	136.6
121	57.3	45.8	68.6

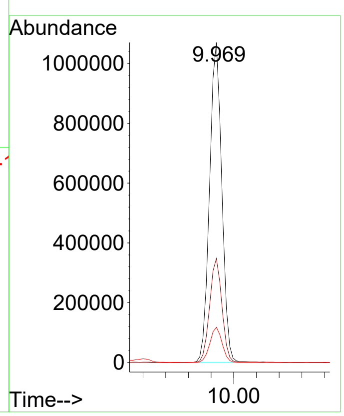




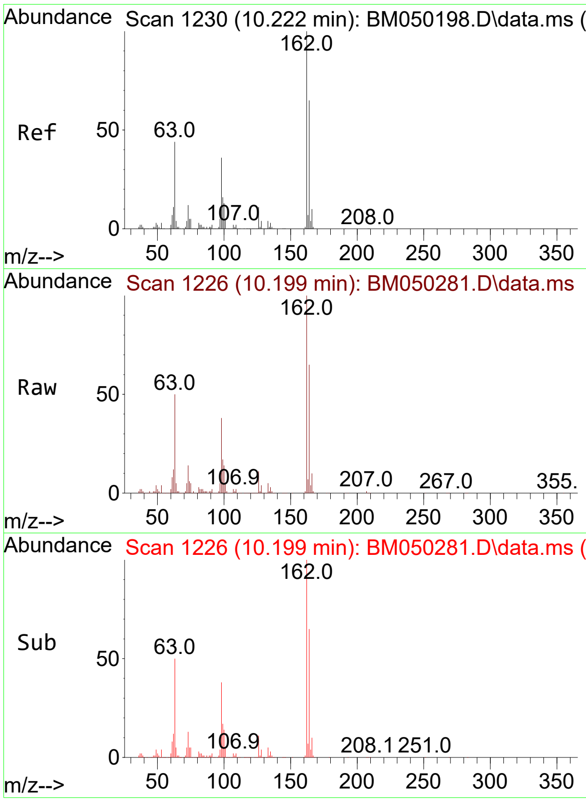
#28
bis(2-Chloroethoxy)methane
Concen: 49.996 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion: 93 Resp: 1601977

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	11.0	8.9	13.3



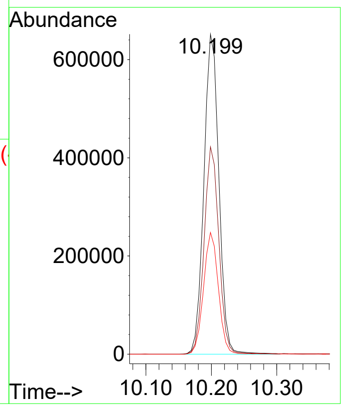
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

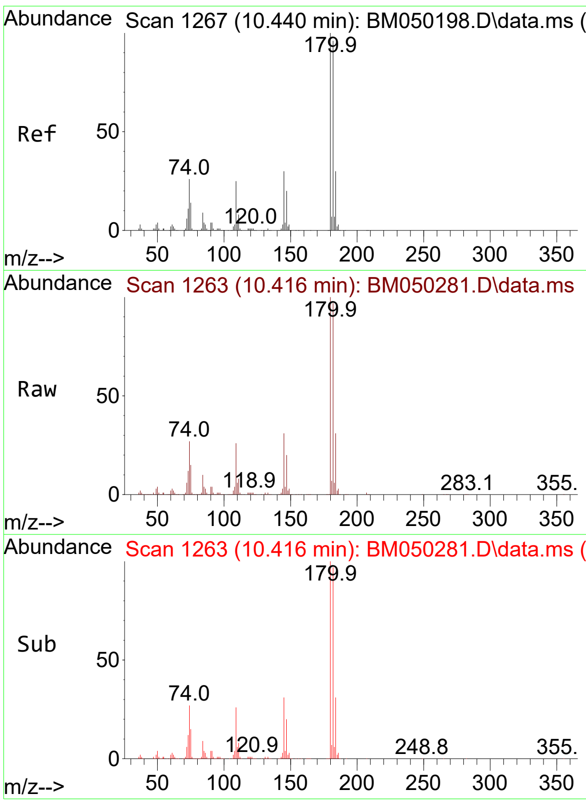


#29
2,4-Dichlorophenol
Concen: 49.195 ng
RT: 10.199 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:162 Resp: 1043557

Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.0	85.0
98	38.1	16.3	56.3

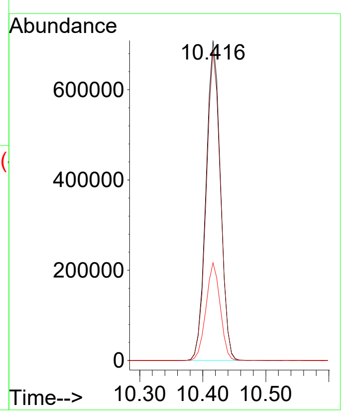




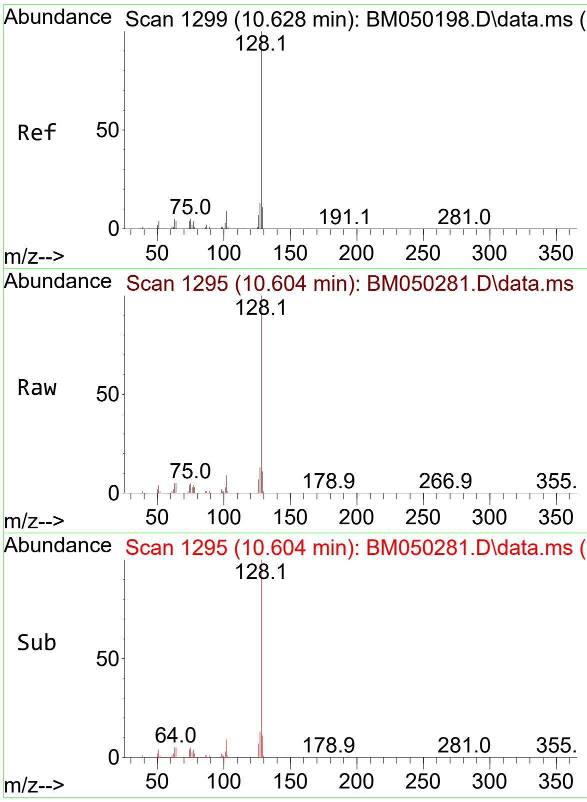
#30
1,2,4-Trichlorobenzene
Concen: 47.784 ng
RT: 10.416 min Scan# 1263
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:180 Resp: 1127946

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.6	114.8
145	30.5	24.2	36.4



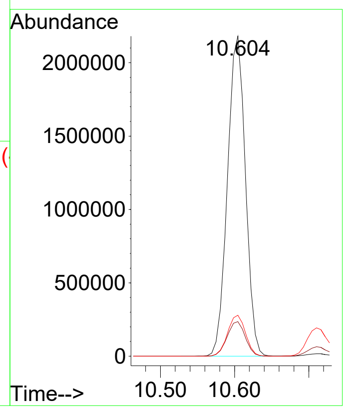
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

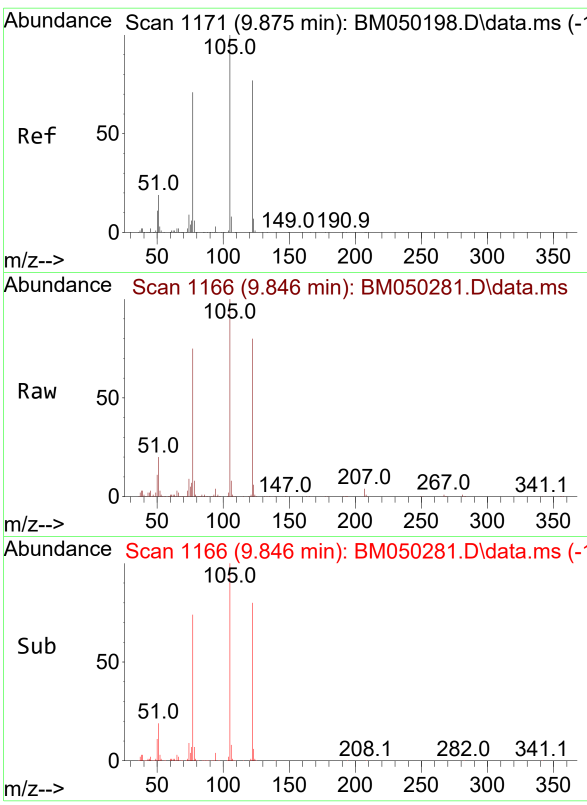


#31
Naphthalene
Concen: 48.123 ng
RT: 10.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:128 Resp: 3677240

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	12.8	10.2	15.4

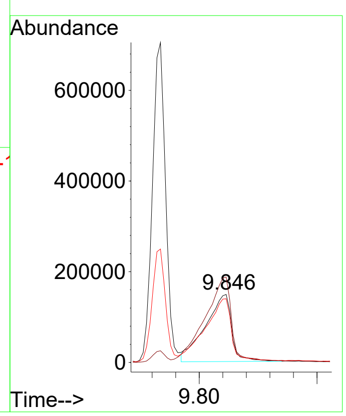




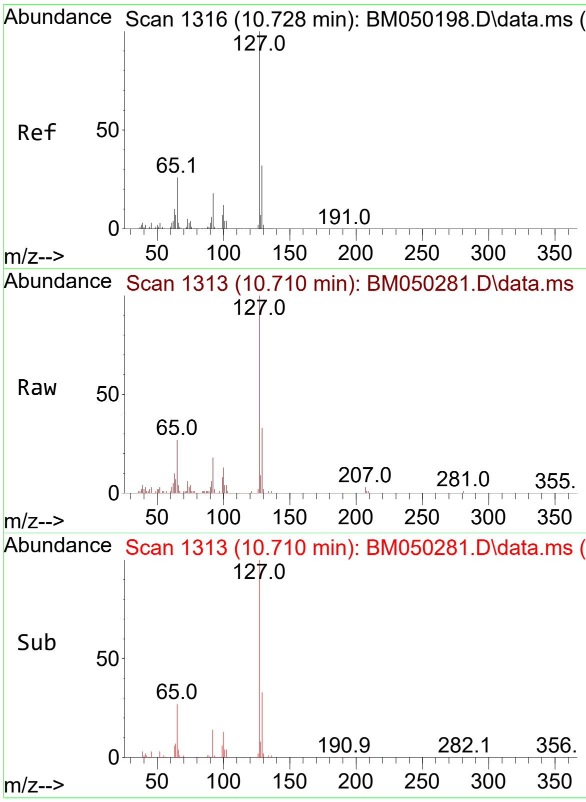
#32
Benzoic acid
Concen: 32.130 ng
RT: 9.846 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:122 Resp: 462859

Ion	Ratio	Lower	Upper
122	100		
105	125.4	103.4	143.4
77	93.6	70.3	110.3



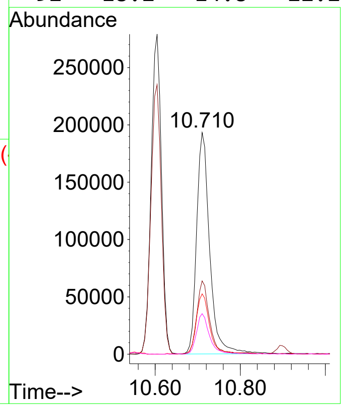
Instrument : BNA_M
ClientSampleId : ARS20-0032MS

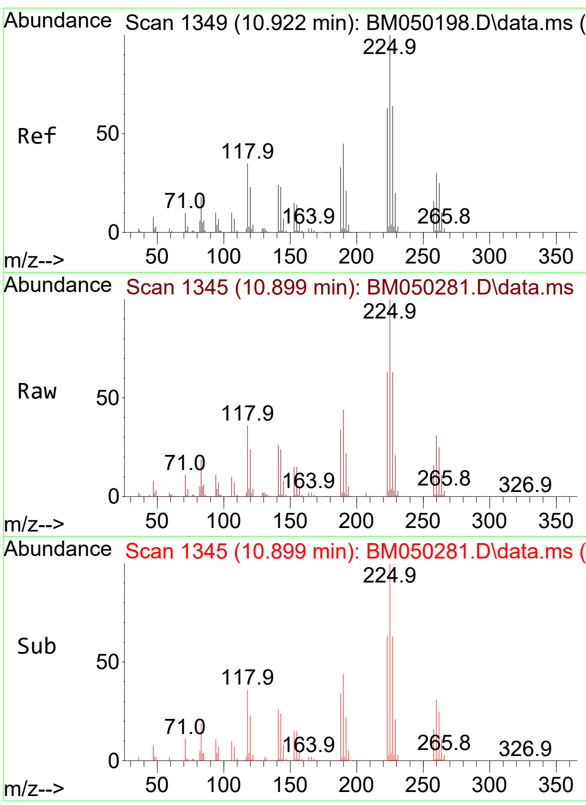


#33
4-Chloroaniline
Concen: 12.671 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:127 Resp: 412783

Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.4	38.0
65	27.2	21.0	31.4
92	18.2	14.8	22.2

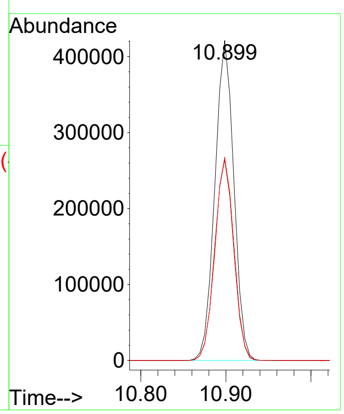




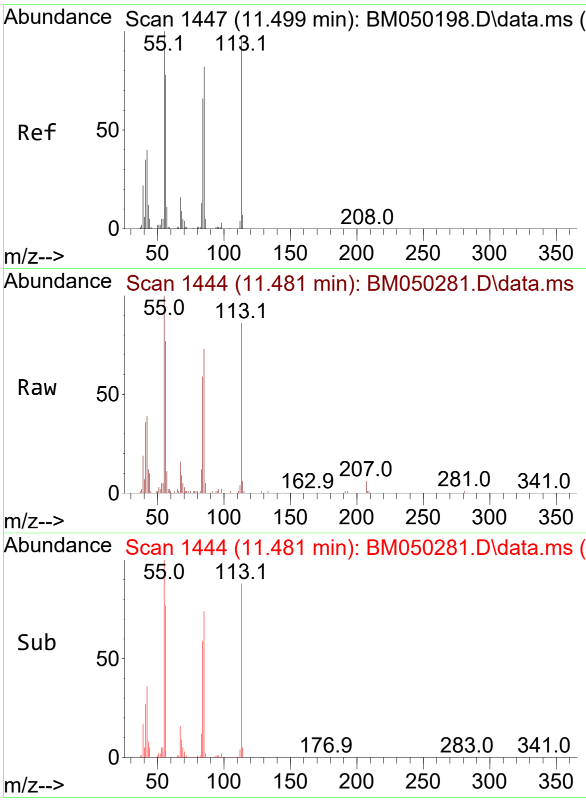
#34
Hexachlorobutadiene
Concen: 46.529 ng
RT: 10.899 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:225 Resp: 653301

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.4	51.0	76.4



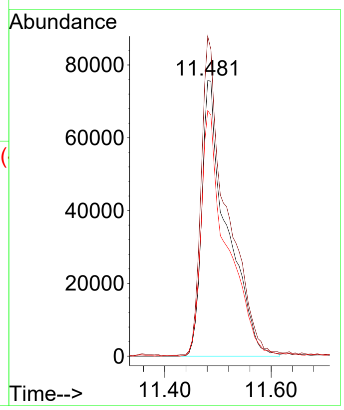
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

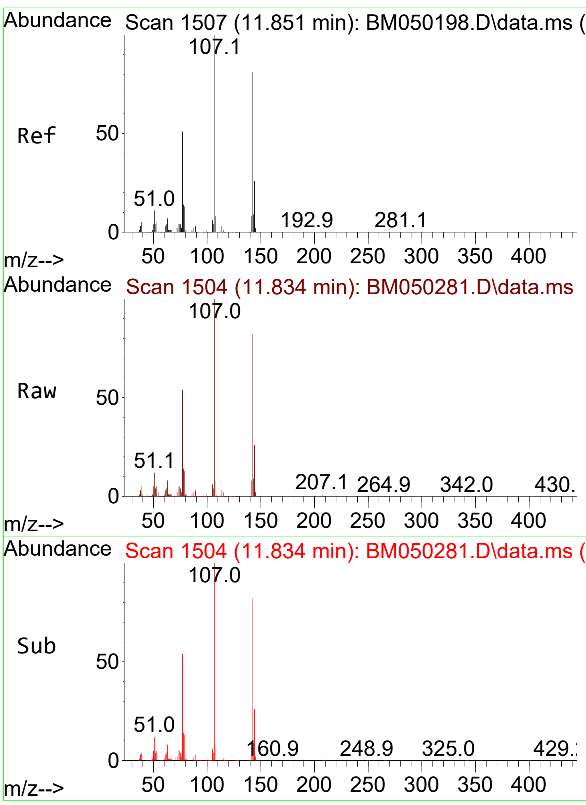


#35
Caprolactam
Concen: 36.694 ng
RT: 11.481 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:113 Resp: 246773

Ion	Ratio	Lower	Upper
113	100		
55	116.1	83.5	123.5
56	89.1	60.6	100.6

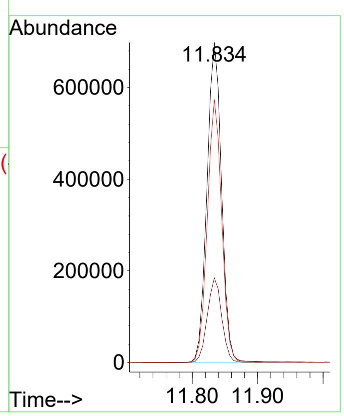


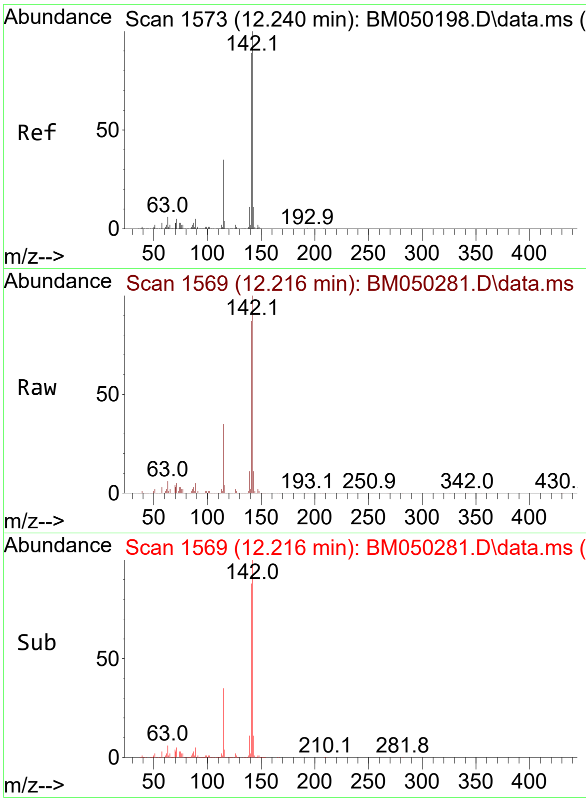


#36
4-Chloro-3-methylphenol
Concen: 48.124 ng
RT: 11.834 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:107 Resp: 1089291

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.0	31.6
142	82.1	64.8	97.2





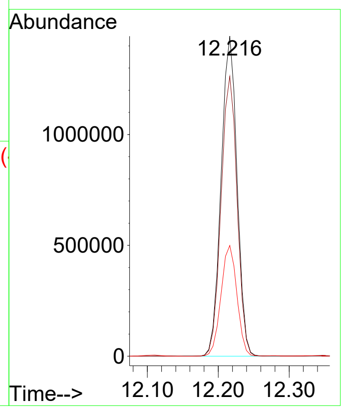
#37
2-Methylnaphthalene
Concen: 48.759 ng
RT: 12.216 min Scan# 1

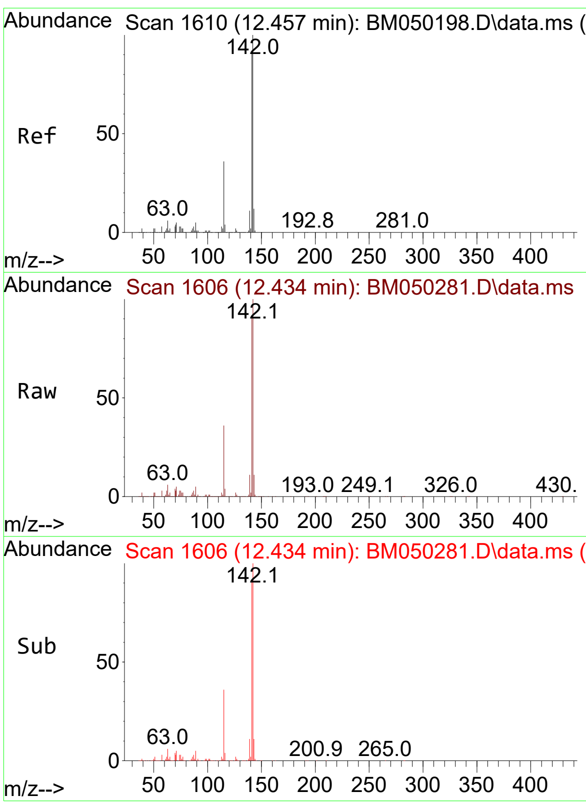
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:142 Resp: 2247679

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.5	107.3
115	34.6	27.8	41.8

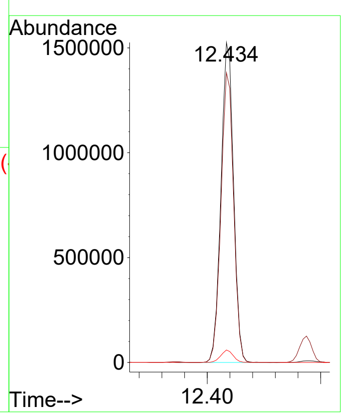




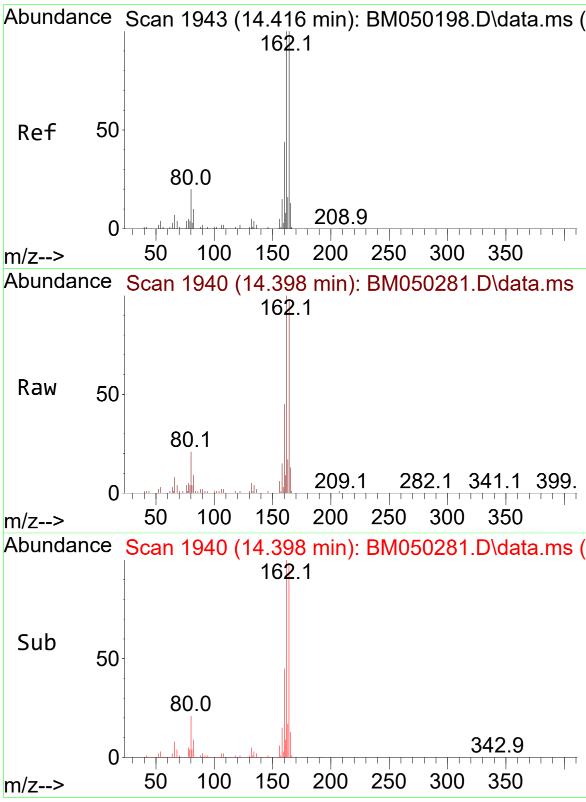
#38
1-Methylnaphthalene
Concen: 48.148 ng
RT: 12.434 min Scan# 1606
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:142 Resp: 2355768

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.9	109.3
116	3.9	3.0	4.6



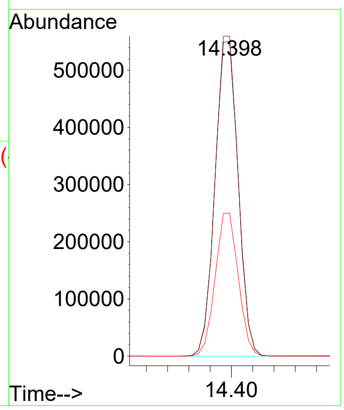
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

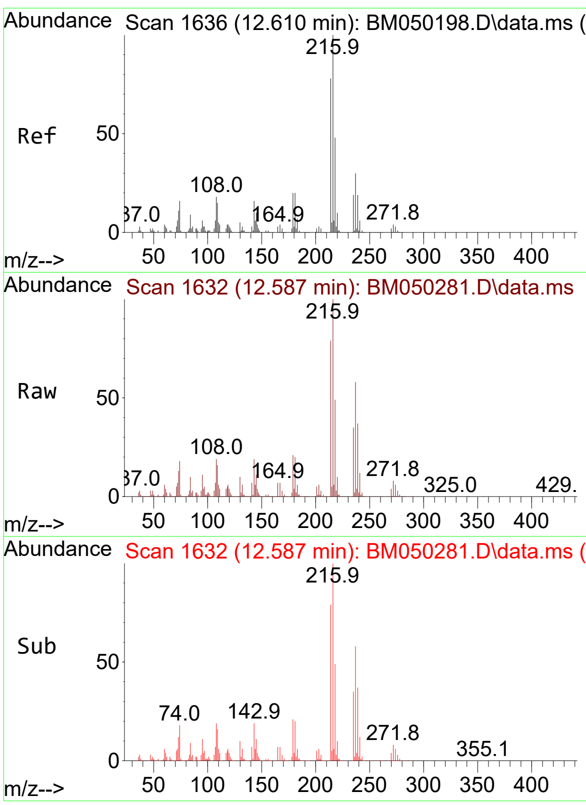


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:164 Resp: 832888

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.4
160	45.5	35.7	53.5

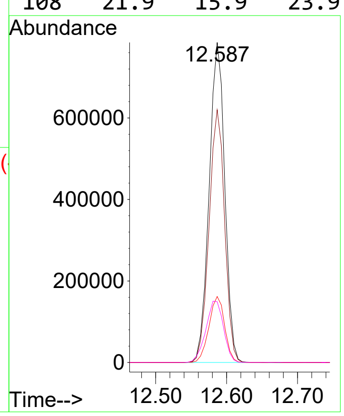




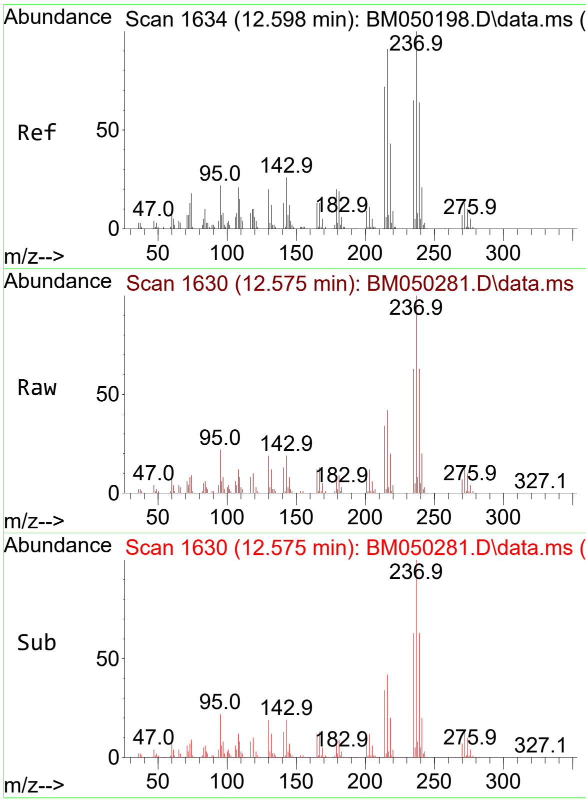
#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.015 ng
RT: 12.587 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:216 Resp: 1202884

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.8	16.6	25.0
108	21.9	15.9	23.9



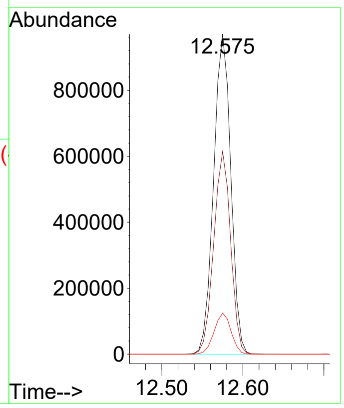
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

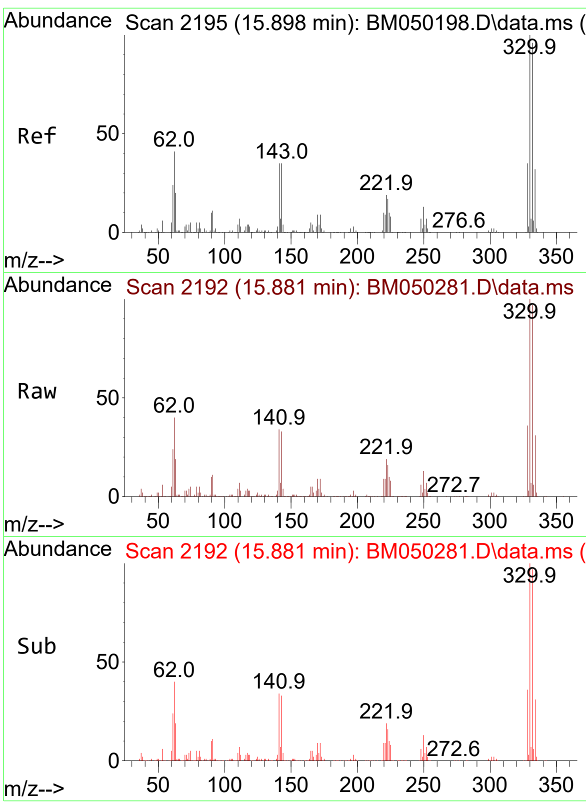


#41
Hexachlorocyclopentadiene
Concen: 97.987 ng
RT: 12.575 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:237 Resp: 1431195

Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.6	84.6
272	12.9	0.0	33.1

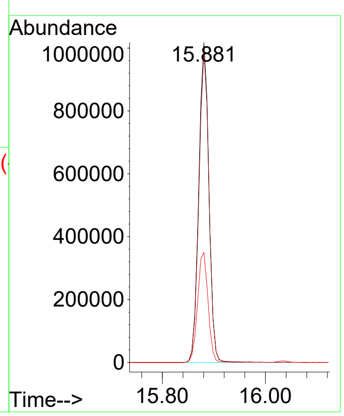




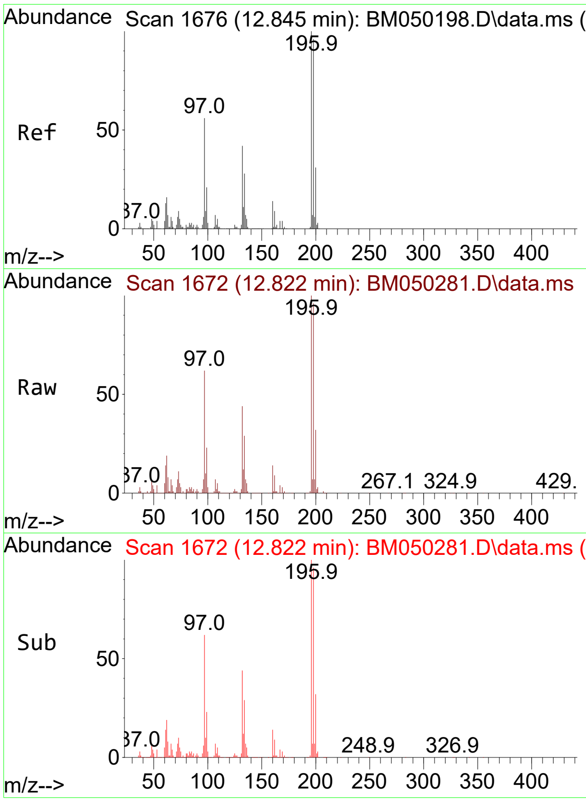
#42
2,4,6-Tribromophenol
Concen: 146.683 ng
RT: 15.881 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:330 Resp: 1389599

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	35.5	28.8	43.2



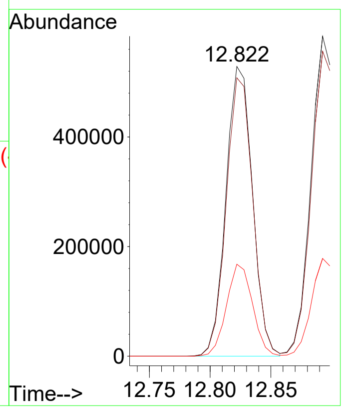
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

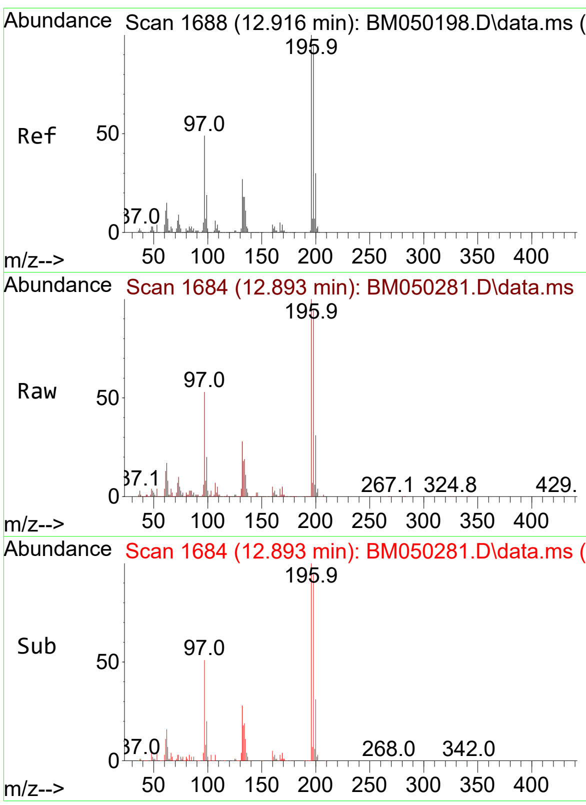


#43
2,4,6-Trichlorophenol
Concen: 50.844 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:196 Resp: 804145

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	115.0
200	31.8	24.5	36.7

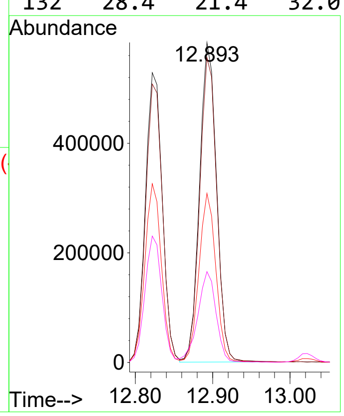




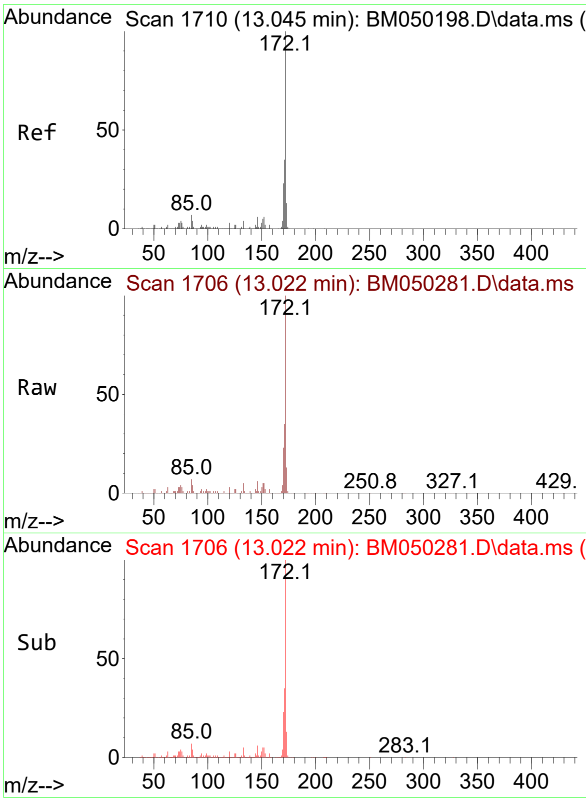
#44
2,4,5-Trichlorophenol
Concen: 51.501 ng
RT: 12.893 min Scan# 1684
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:196 Resp: 894325

Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.1	114.1
97	52.9	39.3	58.9
132	28.4	21.4	32.0



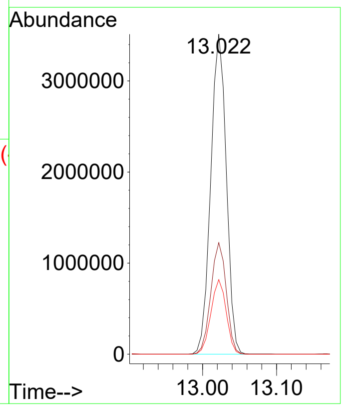
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

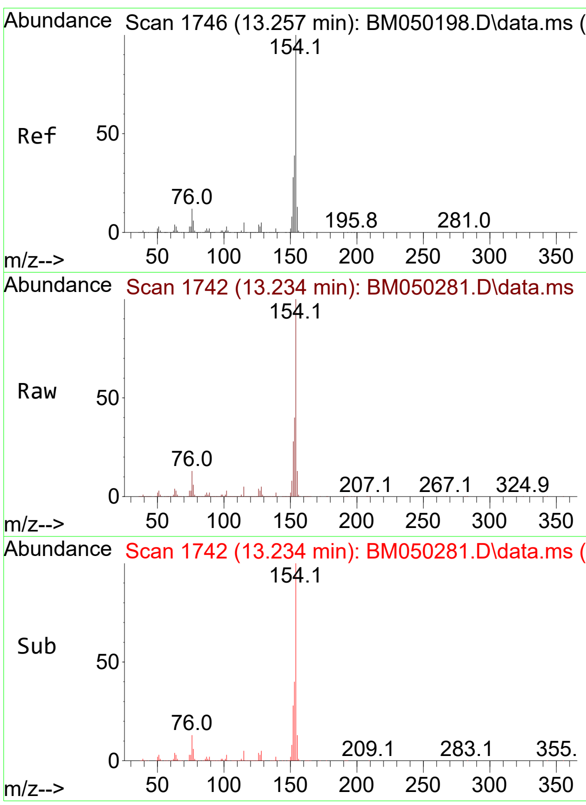


#45
2-Fluorobiphenyl
Concen: 83.452 ng
RT: 13.022 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:172 Resp: 5133962

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	27.8

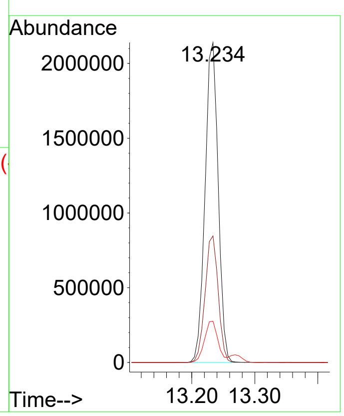




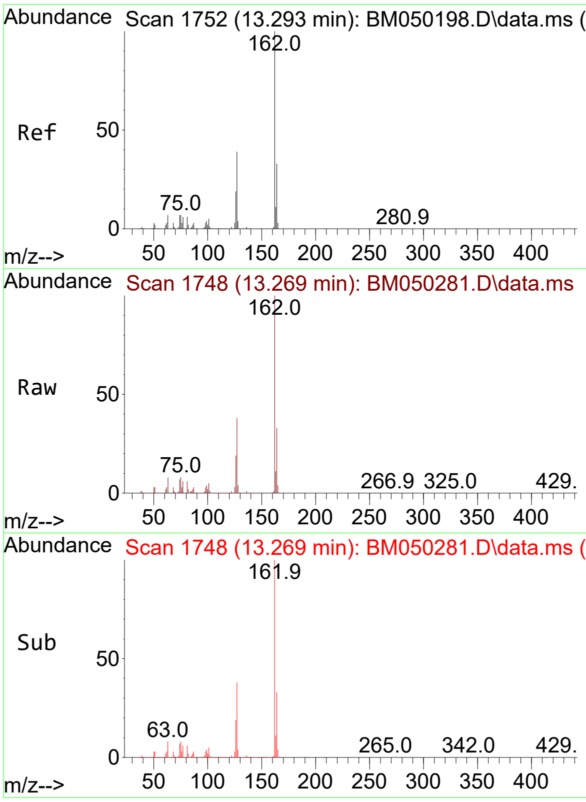
#46
1,1'-Biphenyl
Concen: 49.734 ng
RT: 13.234 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:154 Resp: 3101685

Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.2	59.2
76	12.9	0.0	32.0



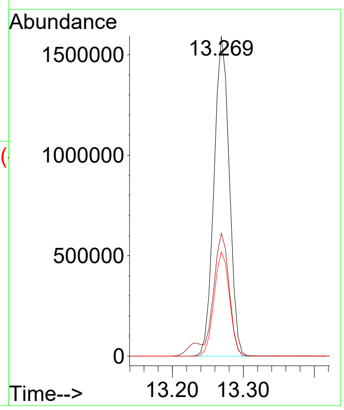
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

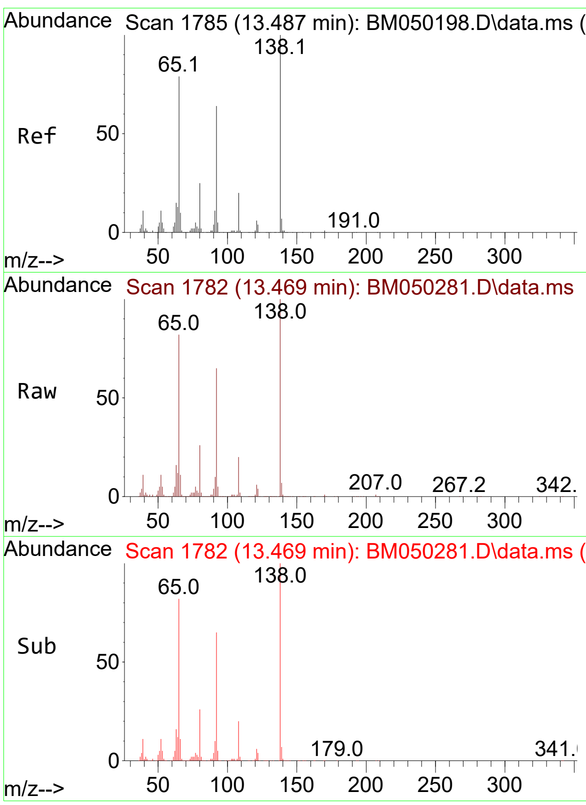


#47
2-Chloronaphthalene
Concen: 49.191 ng
RT: 13.269 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:162 Resp: 2385063

Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.1	46.7
164	32.6	26.5	39.7

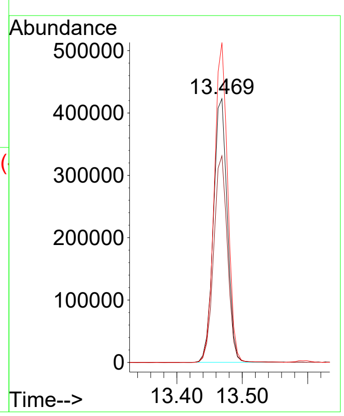




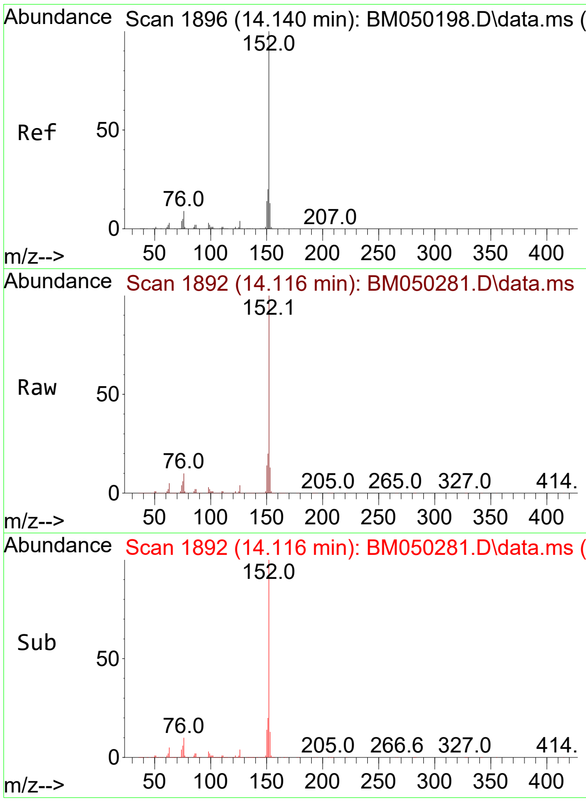
#48
2-Nitroaniline
Concen: 58.462 ng
RT: 13.469 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion: 65 Resp: 623778

Ion	Ratio	Lower	Upper
65	100		
92	78.4	64.2	96.4
138	121.3	101.0	151.4



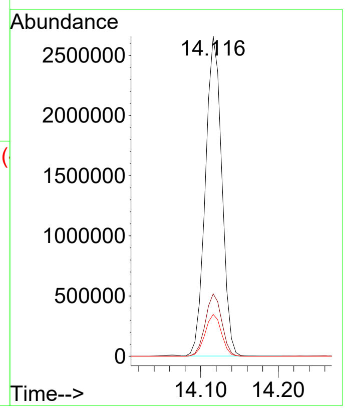
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

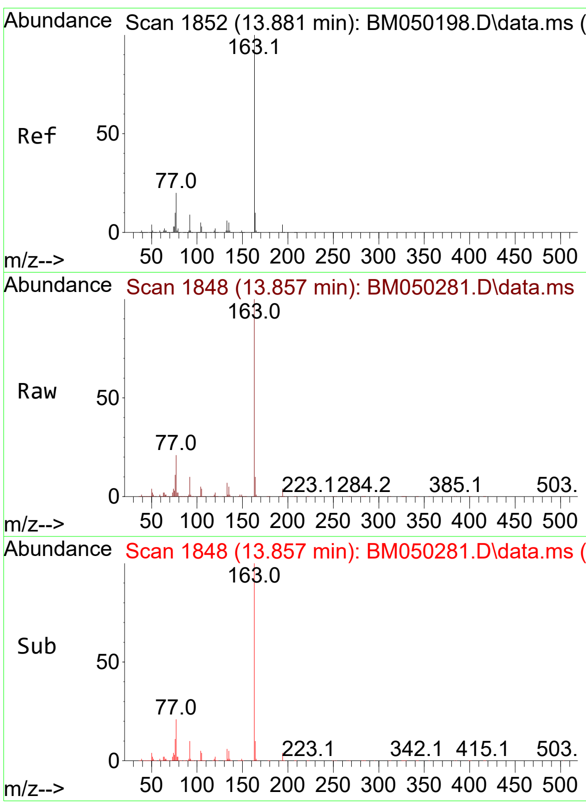


#49
Acenaphthylene
Concen: 49.781 ng
RT: 14.116 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:152 Resp: 3903918

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.1	10.4	15.6

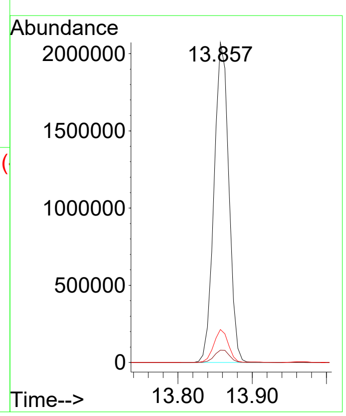




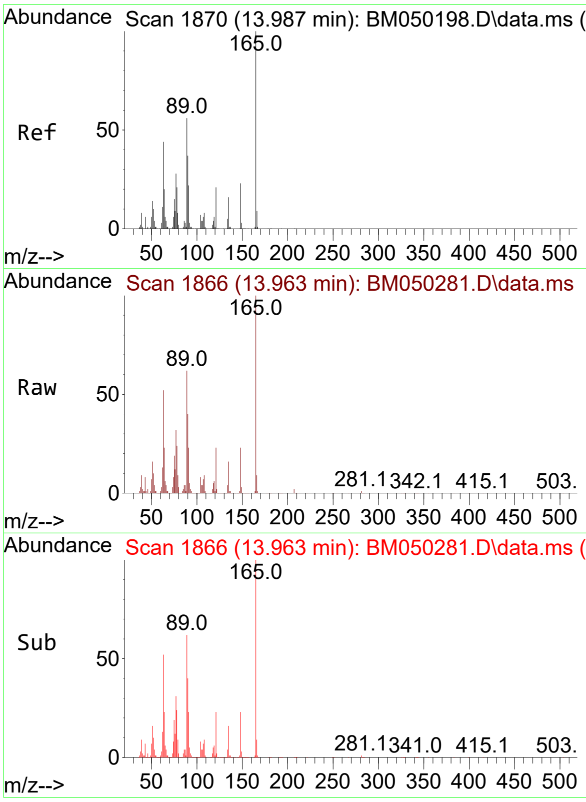
#50
Dimethylphthalate
Concen: 50.938 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:163 Resp: 2869243

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.3	7.9	11.9



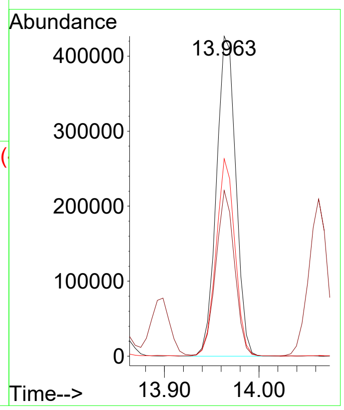
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

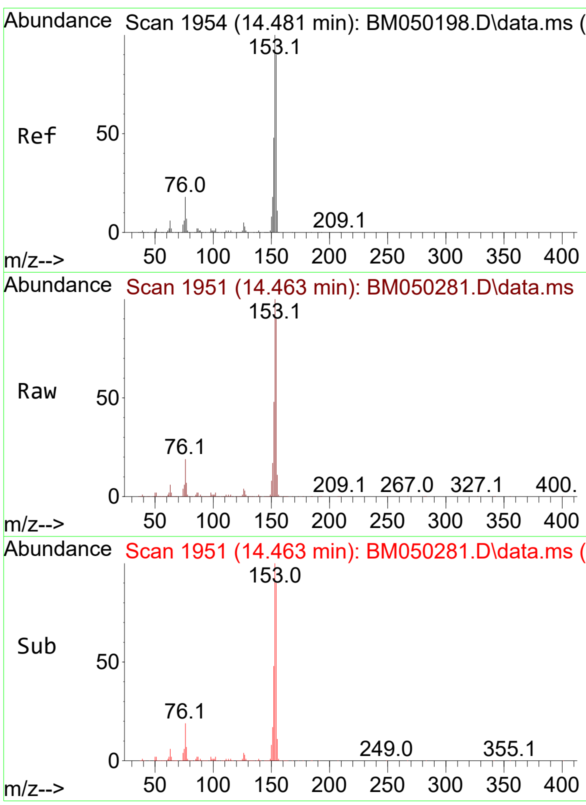


#51
2,6-Dinitrotoluene
Concen: 53.695 ng
RT: 13.963 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:165 Resp: 609948

Ion	Ratio	Lower	Upper
165	100		
63	51.8	35.8	53.6
89	61.7	44.8	67.2

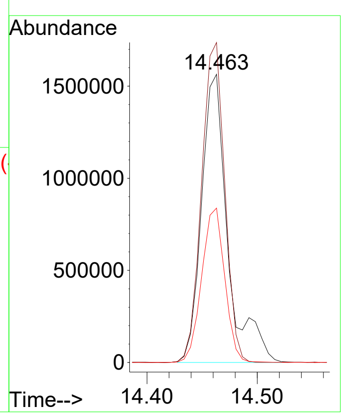




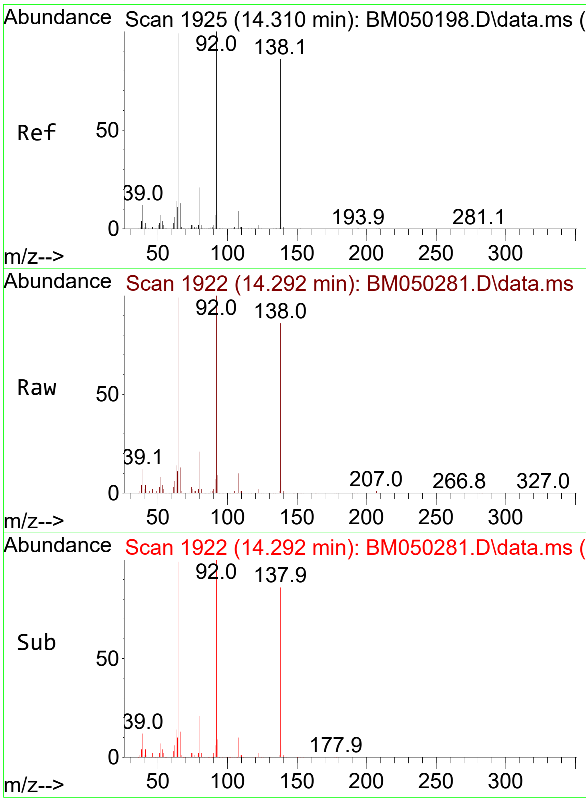
#52
Acenaphthene
Concen: 52.749 ng m
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:154 Resp: 2587392

Ion	Ratio	Lower	Upper
154	100		
153	111.1	88.7	133.1
152	53.6	42.6	63.8



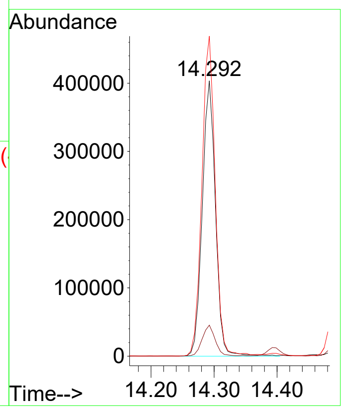
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

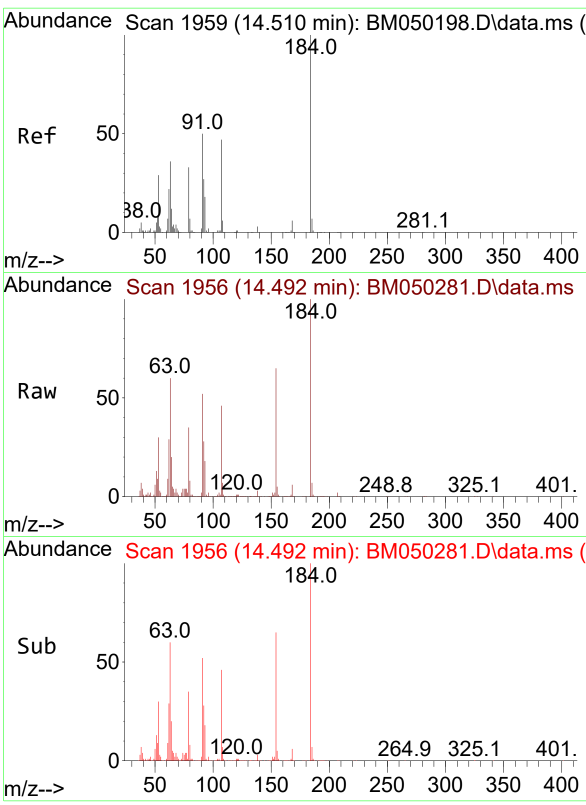


#53
3-Nitroaniline
Concen: 46.341 ng
RT: 14.292 min Scan# 19
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:138 Resp: 586692

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.8	13.2
92	116.2	92.9	139.3

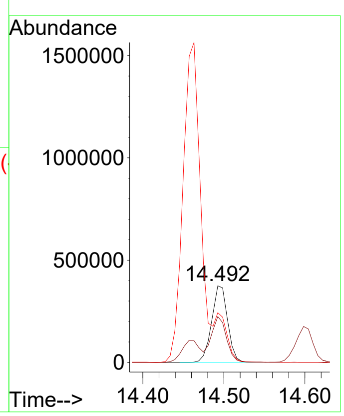




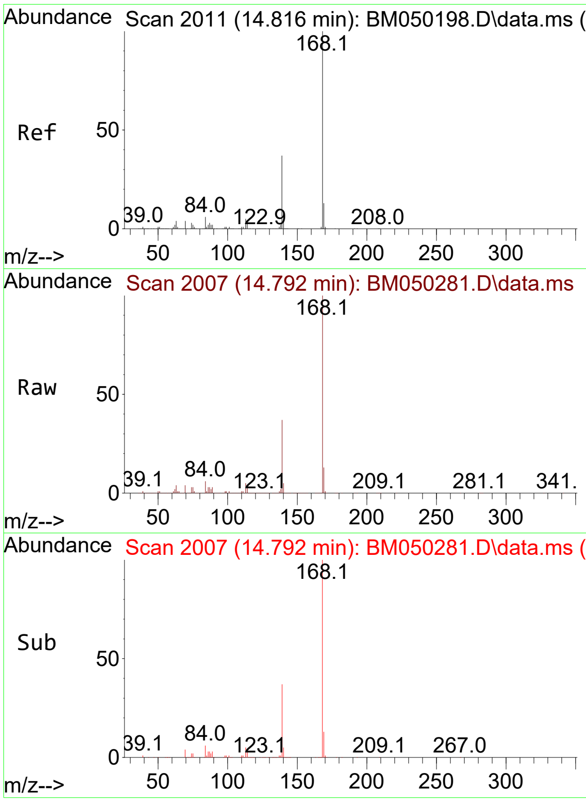
#54
2,4-Dinitrophenol
Concen: 76.398 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:184 Resp: 514389

Ion	Ratio	Lower	Upper
184	100		
63	60.0	45.3	67.9
154	64.9	54.3	81.5



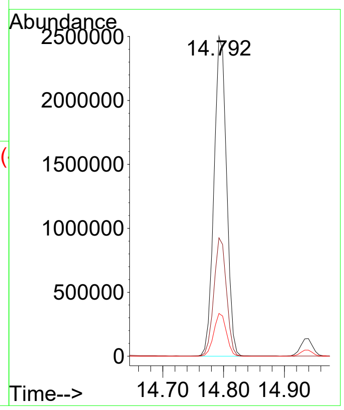
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

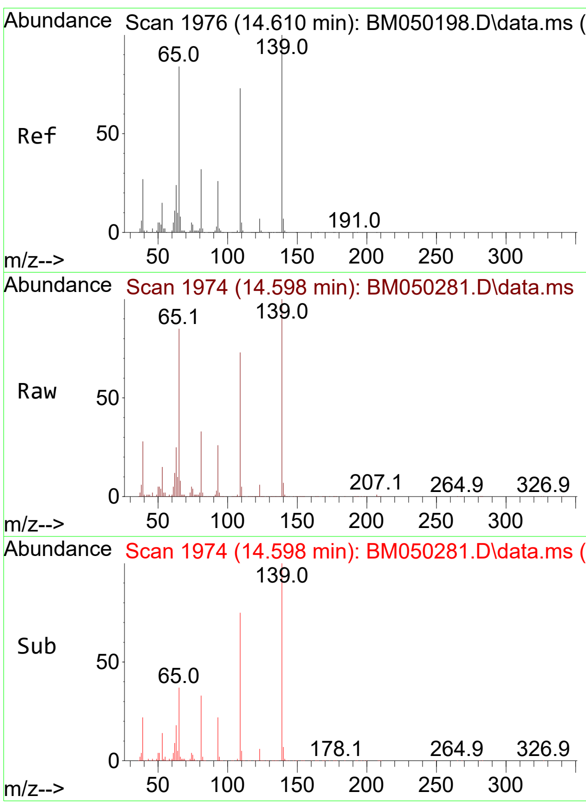


#55
Dibenzofuran
Concen: 50.109 ng
RT: 14.792 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:168 Resp: 3595883

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.9	44.9
169	13.4	10.6	16.0

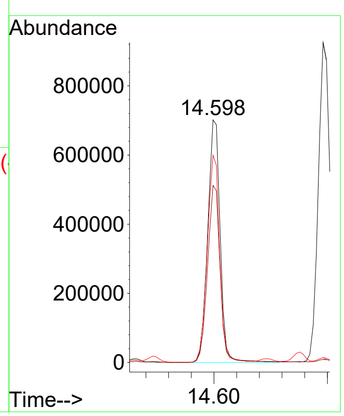




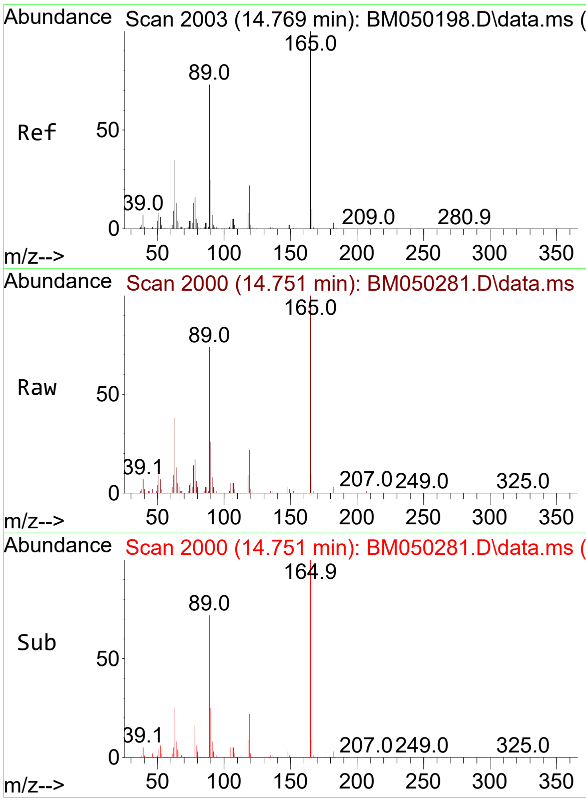
#56
4-Nitrophenol
Concen: 99.241 ng
RT: 14.598 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:139 Resp: 1069374

Ion	Ratio	Lower	Upper
139	100		
109	73.1	52.6	92.6
65	85.5	64.3	104.3



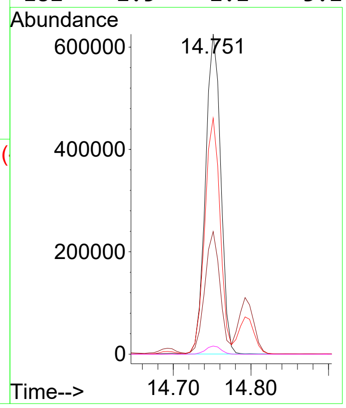
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

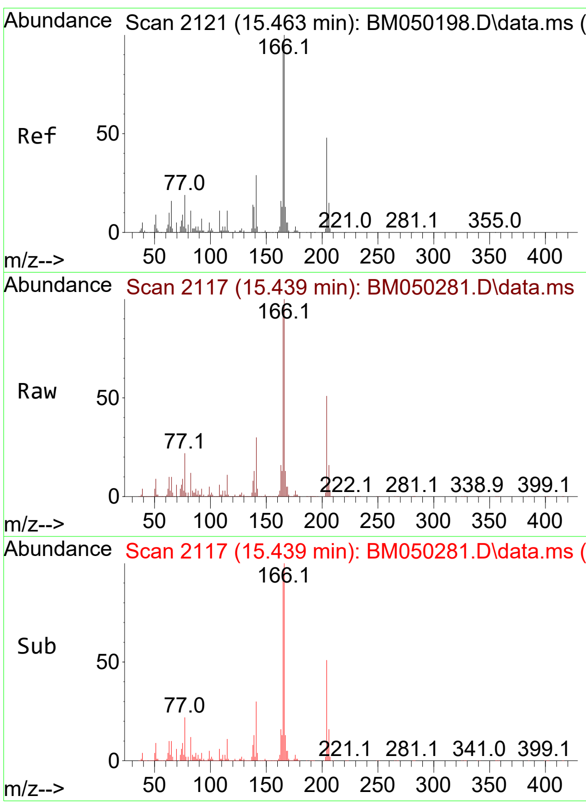


#57
2,4-Dinitrotoluene
Concen: 57.101 ng
RT: 14.751 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:165 Resp: 855637

Ion	Ratio	Lower	Upper
165	100		
63	38.3	28.4	42.6
89	73.8	58.0	87.0
182	2.5	2.2	3.2

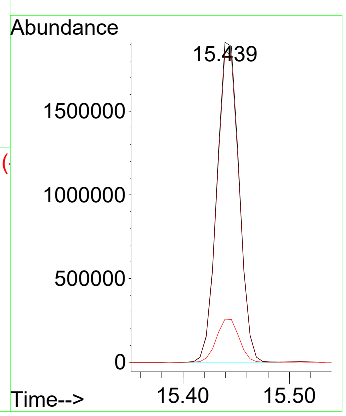




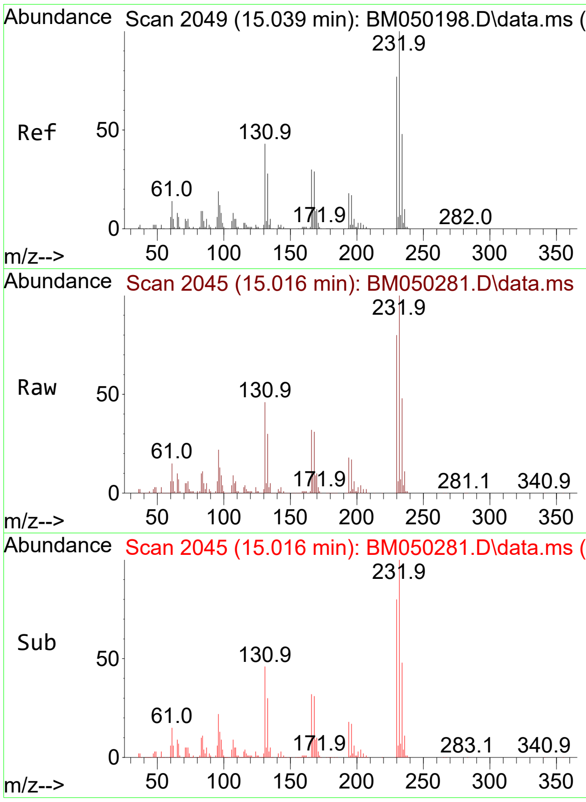
#58
Fluorene
Concen: 50.515 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:166 Resp: 2776488

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.0	115.4
167	13.4	10.7	16.1



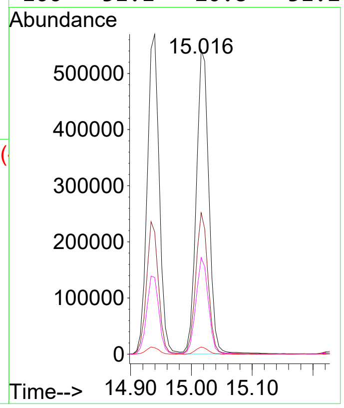
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

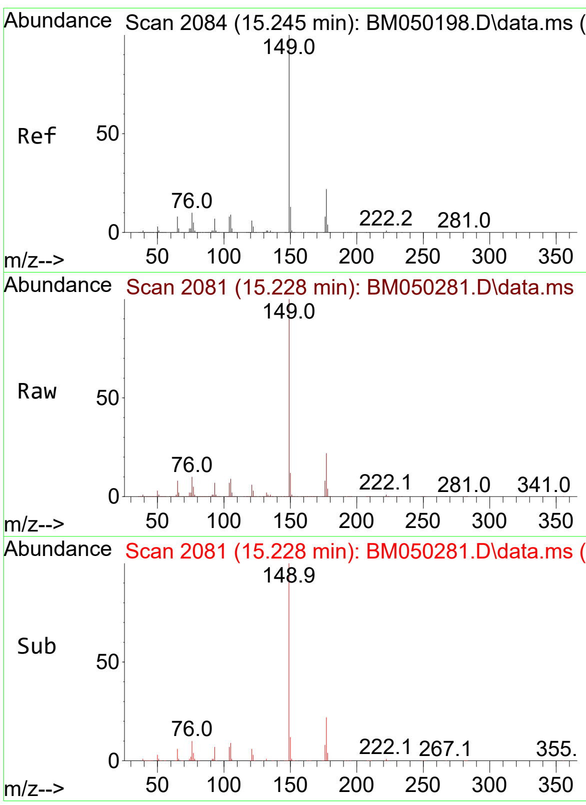


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.856 ng
RT: 15.016 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:232 Resp: 779081

Ion	Ratio	Lower	Upper
232	100		
131	45.1	32.9	49.3
130	2.3	1.8	2.8
166	31.1	20.8	31.2

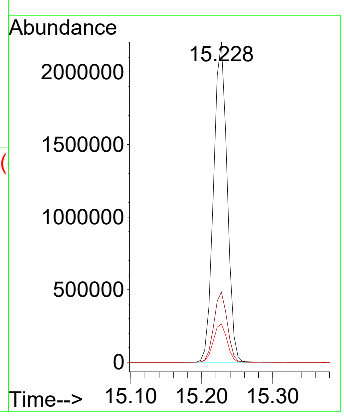




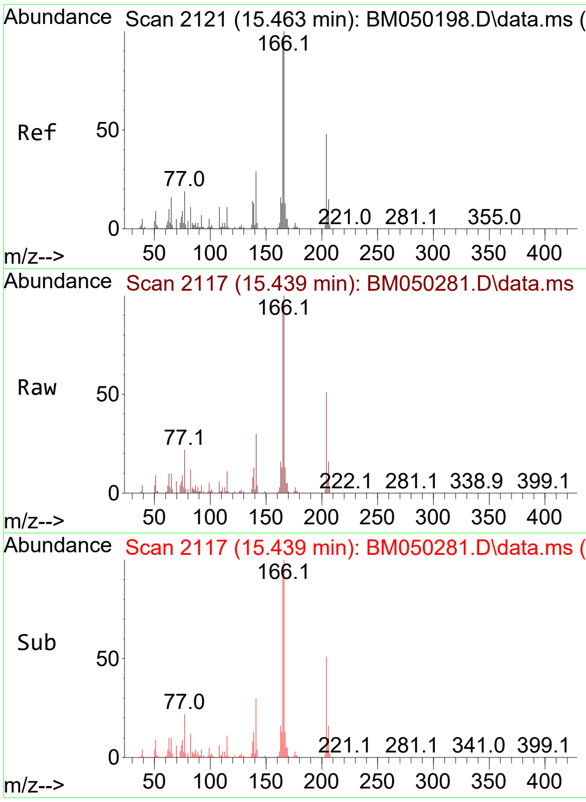
#60
Diethylphthalate
Concen: 52.390 ng
RT: 15.228 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:149 Resp: 2928033

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.2	25.8
150	11.9	10.0	15.0



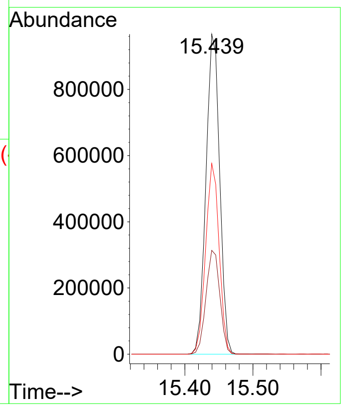
Instrument : BNA_M
ClientSampleId : ARS20-0032MS

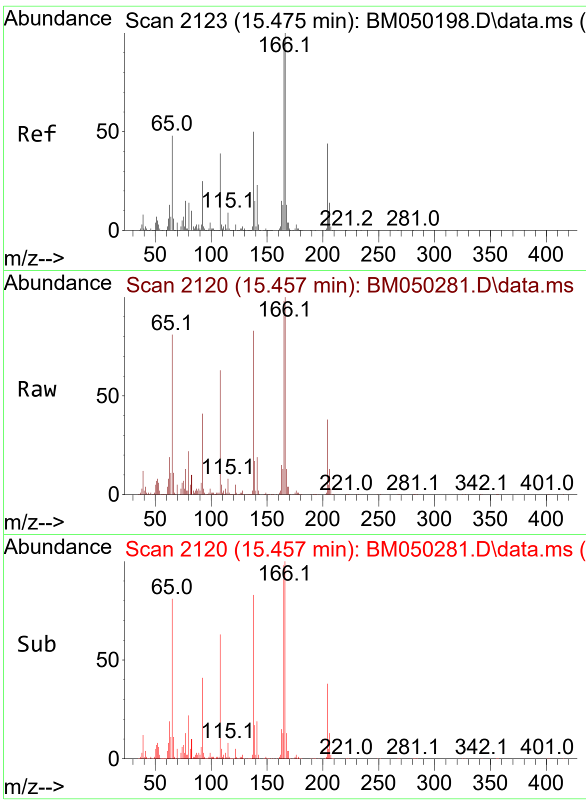


#61
4-Chlorophenyl-phenylether
Concen: 51.048 ng
RT: 15.439 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:204 Resp: 1356051

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.4	38.0
141	59.6	47.9	71.9

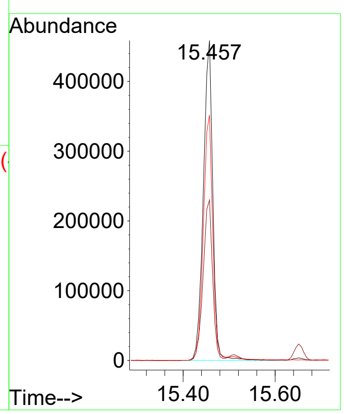




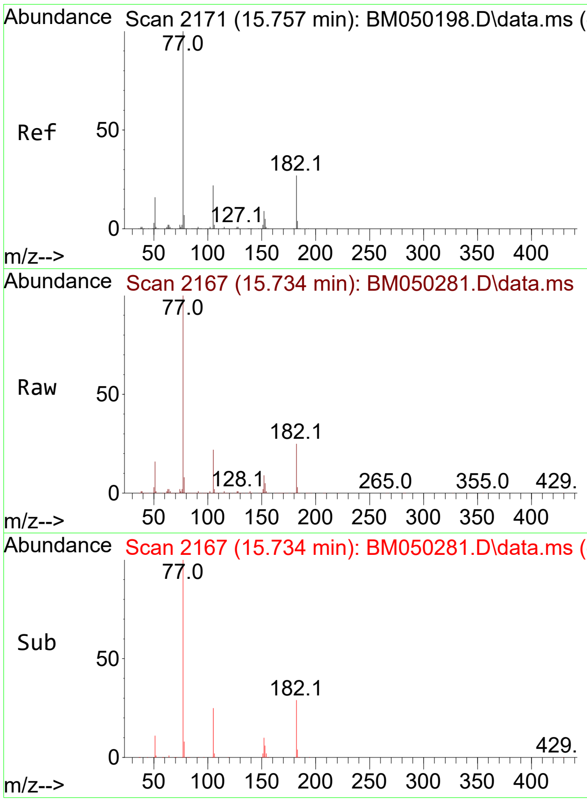
#62
4-Nitroaniline
Concen: 55.746 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:138 Resp: 661481

Ion	Ratio	Lower	Upper
138	100		
92	50.1	28.8	68.8
108	76.7	58.1	98.1



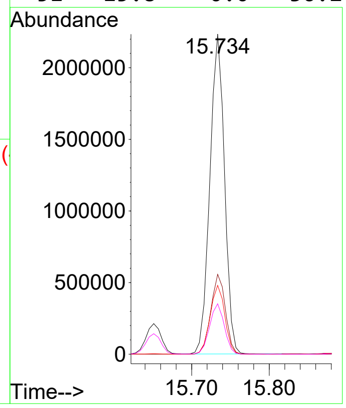
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

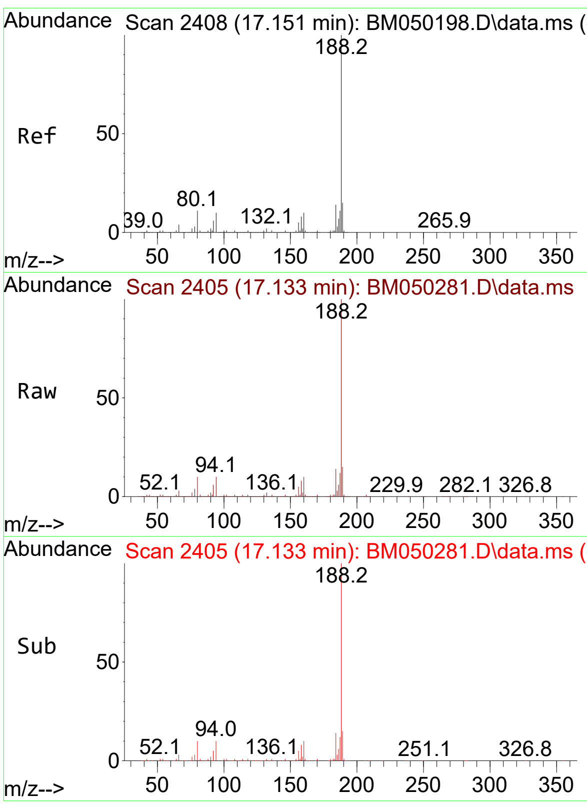


#63
Azobenzene
Concen: 52.402 ng
RT: 15.734 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion: 77 Resp: 2927296

Ion	Ratio	Lower	Upper
77	100		
182	24.9	6.8	46.8
105	21.5	1.7	41.7
51	15.8	0.0	36.2

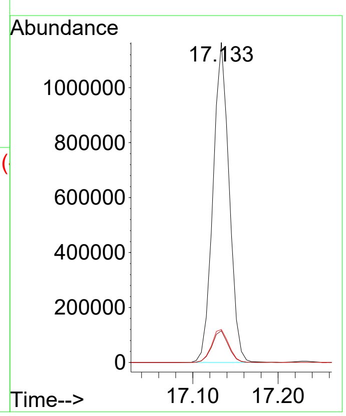




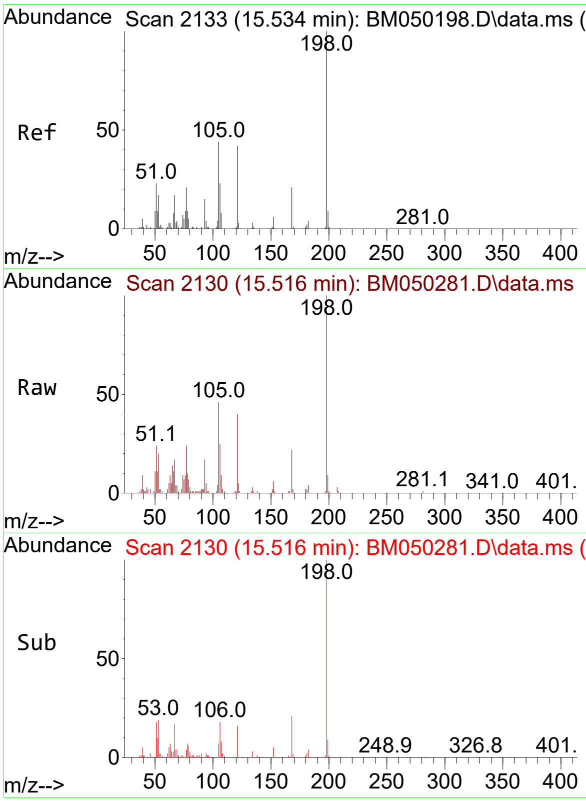
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:188 Resp: 1533181

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.1	12.1
80	10.3	8.6	13.0



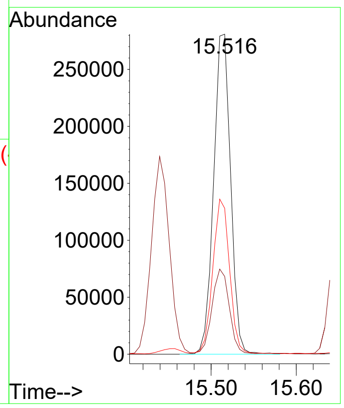
Instrument : BNA_M
ClientSampleId : ARS20-0032MS

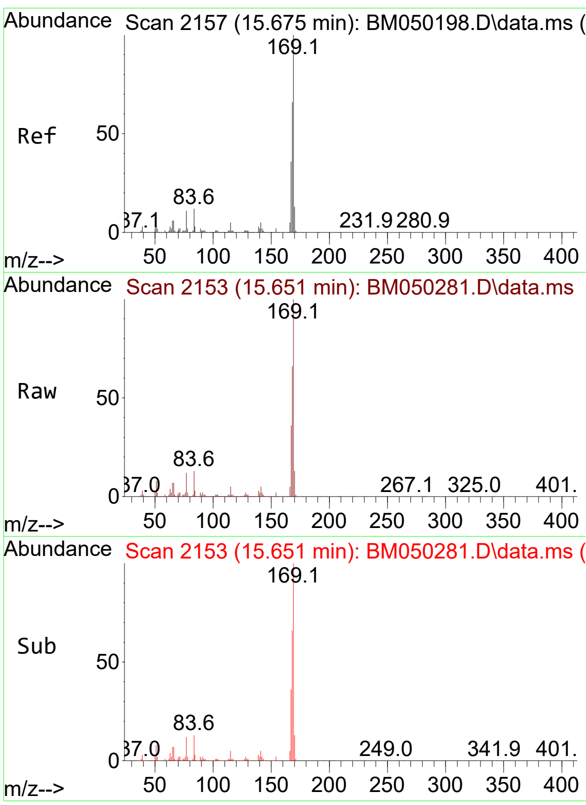


#65
4,6-Dinitro-2-methylphenol
Concen: 46.642 ng
RT: 15.516 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:198 Resp: 390583

Ion	Ratio	Lower	Upper
198	100		
51	24.3	4.5	44.5
105	45.6	24.9	64.9

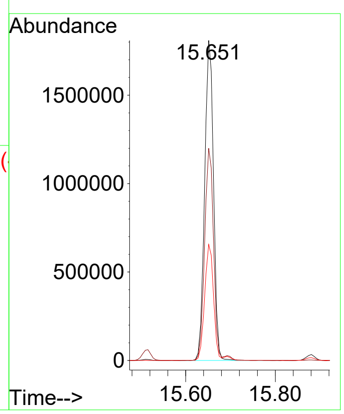




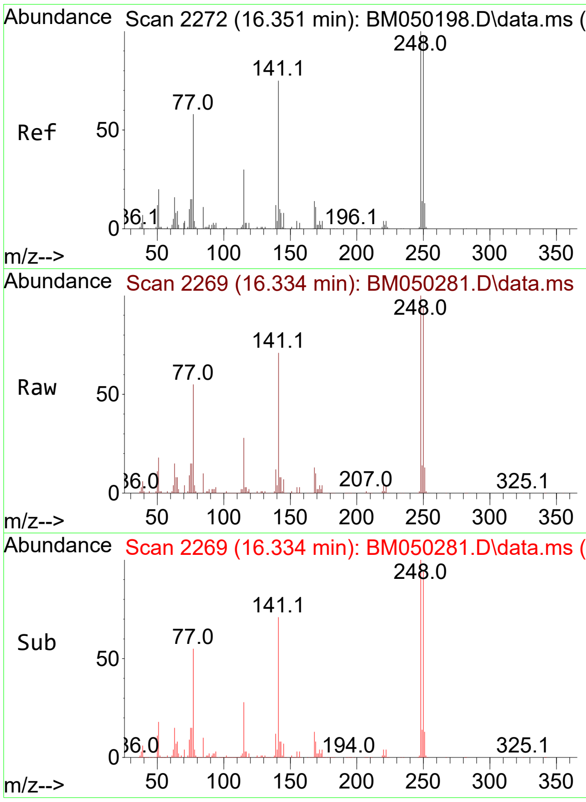
#66
n-Nitrosodiphenylamine
Concen: 51.523 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:169 Resp: 2482051

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.1	79.7
167	36.3	29.0	43.6



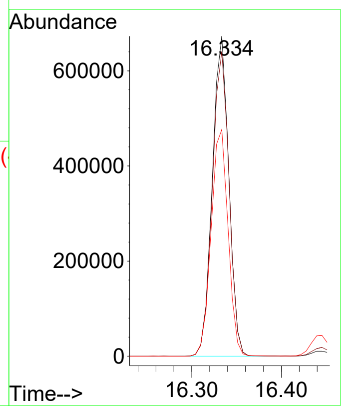
Instrument : BNA_M
ClientSampleId : ARS20-0032MS

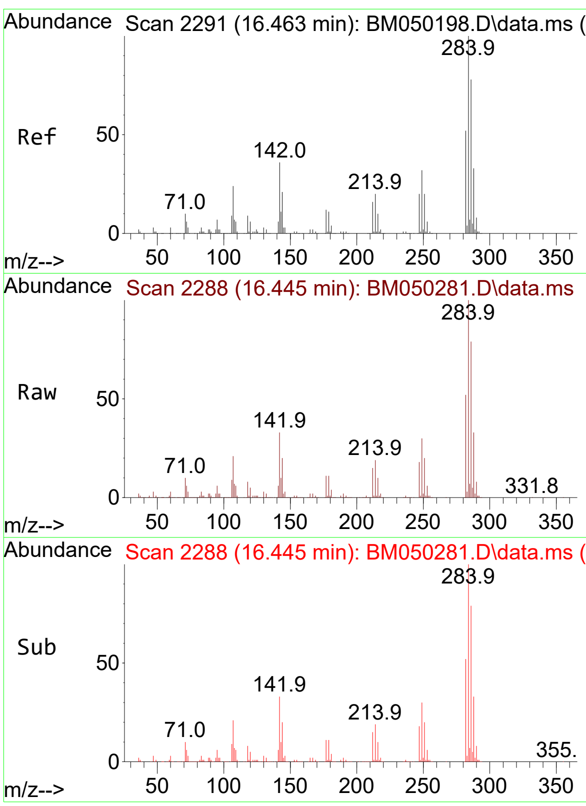


#67
4-Bromophenyl-phenylether
Concen: 52.832 ng
RT: 16.334 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:248 Resp: 863779

Ion	Ratio	Lower	Upper
248	100		
250	95.2	78.0	117.0
141	70.9	60.1	90.1

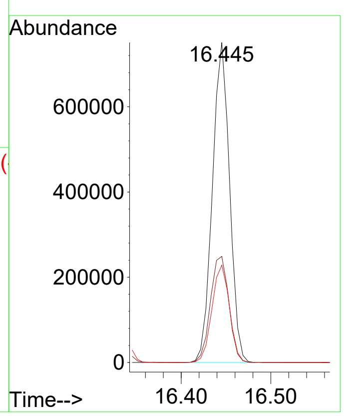




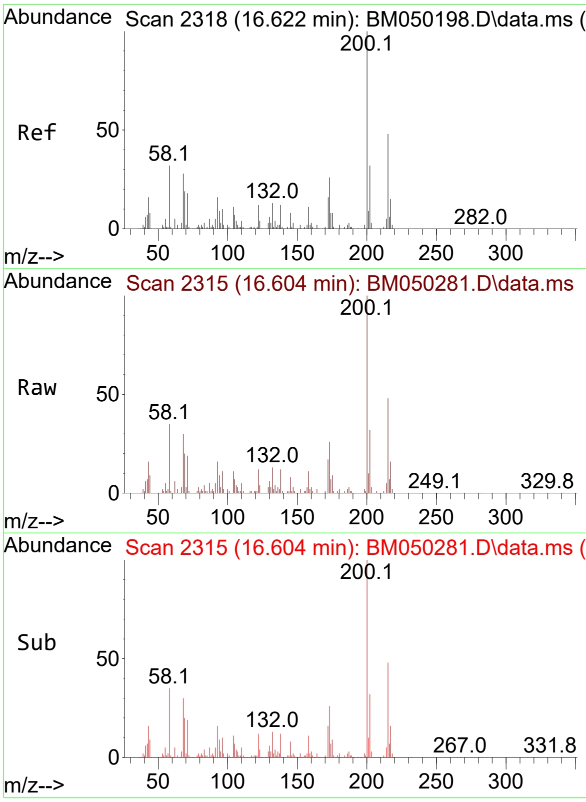
#68
Hexachlorobenzene
Concen: 52.333 ng
RT: 16.445 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:284 Resp: 999682

Ion	Ratio	Lower	Upper
284	100		
142	33.1	28.8	43.2
249	30.4	25.8	38.6



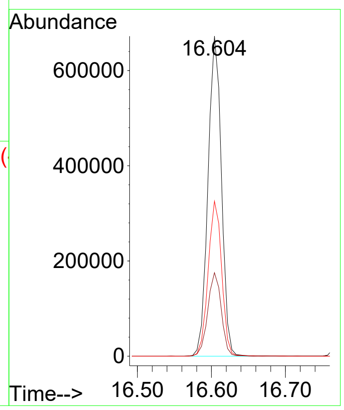
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

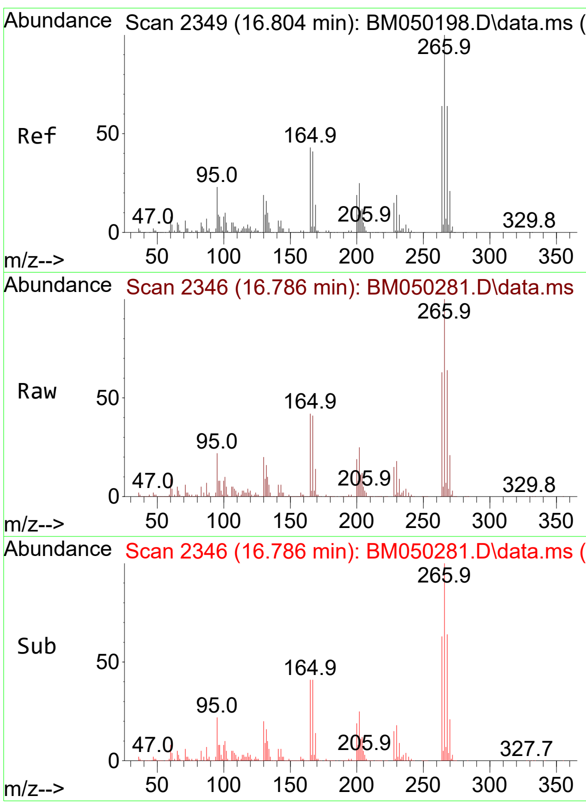


#69
Atrazine
Concen: 55.405 ng
RT: 16.604 min   Scan# 2
Delta R.T.   -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025   19:23

Tgt Ion:200 Resp: 850445

Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.0	46.0
215	48.4	28.1	68.1

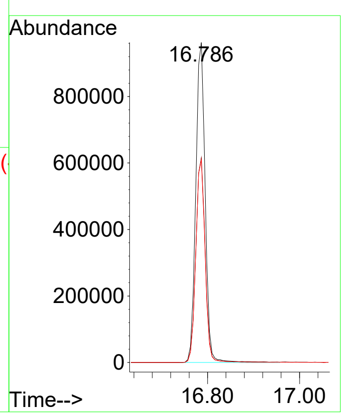




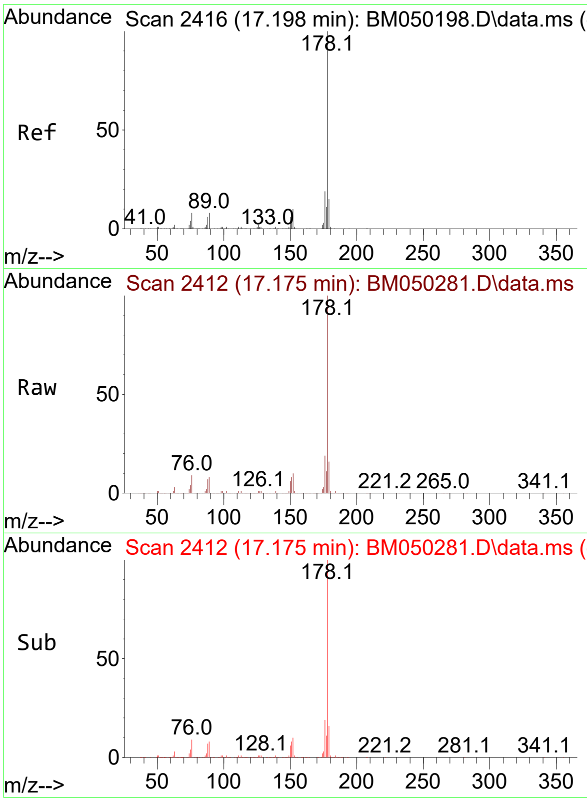
#70
Pentachlorophenol
Concen: 109.305 ng
RT: 16.786 min   Scan# 2346
Delta R.T.   0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025   19:23

Tgt Ion:266 Resp: 1357499

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.0	76.6
264	63.3	50.8	76.2



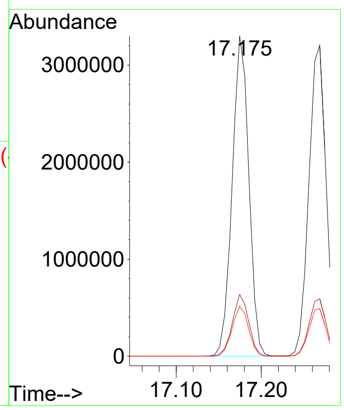
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

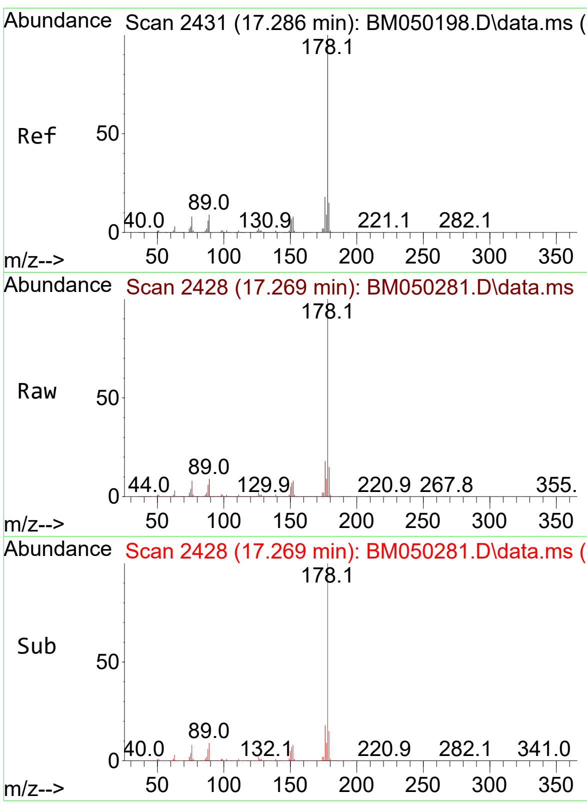


#71
Phenanthrene
Concen: 51.333 ng
RT: 17.175 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:178 Resp: 4495995

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.5	12.3	18.5

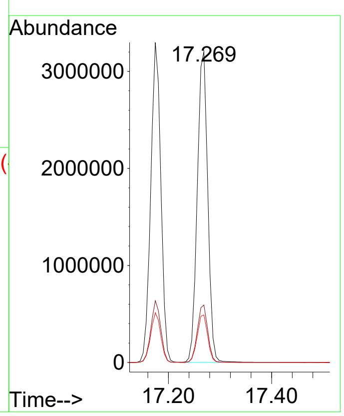




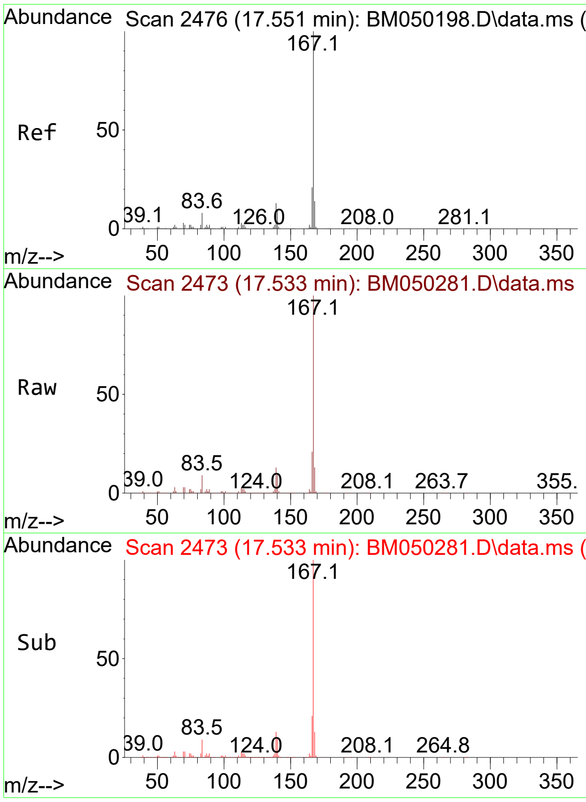
#72
Anthracene
Concen: 51.662 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:178 Resp: 4526663

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	12.3	18.5



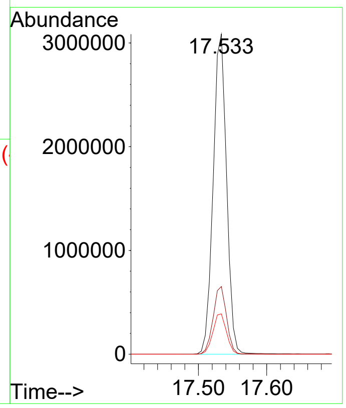
Instrument : BNA_M
ClientSampleId : ARS20-0032MS

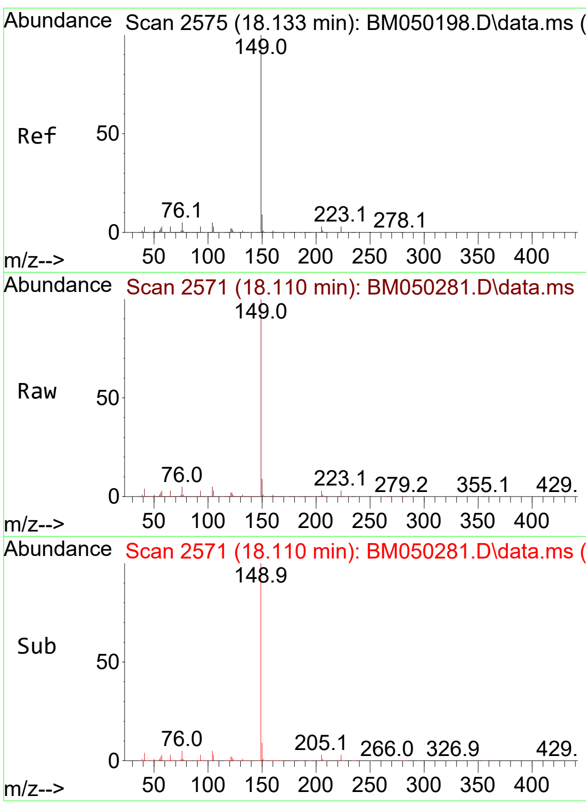


#73
Carbazole
Concen: 52.953 ng
RT: 17.533 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:167 Resp: 4226897

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.6	10.2	15.4

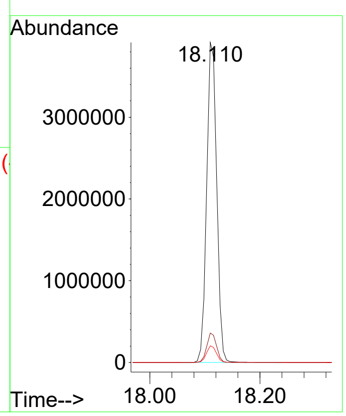




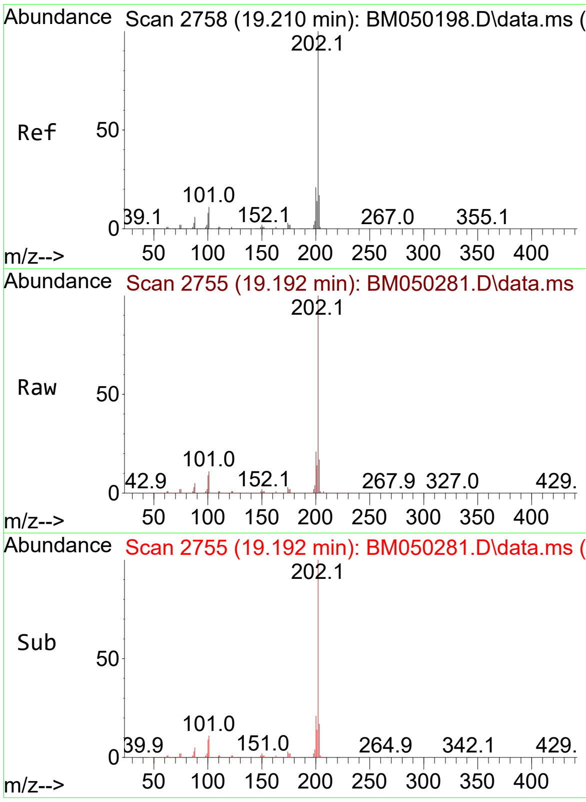
#74
Di-n-butylphthalate
Concen: 57.110 ng
RT: 18.110 min Scan# 2571
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:149 Resp: 4960269

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	4.0	6.0



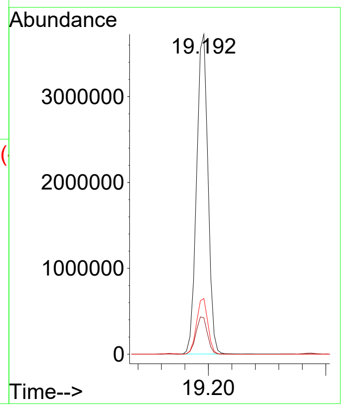
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

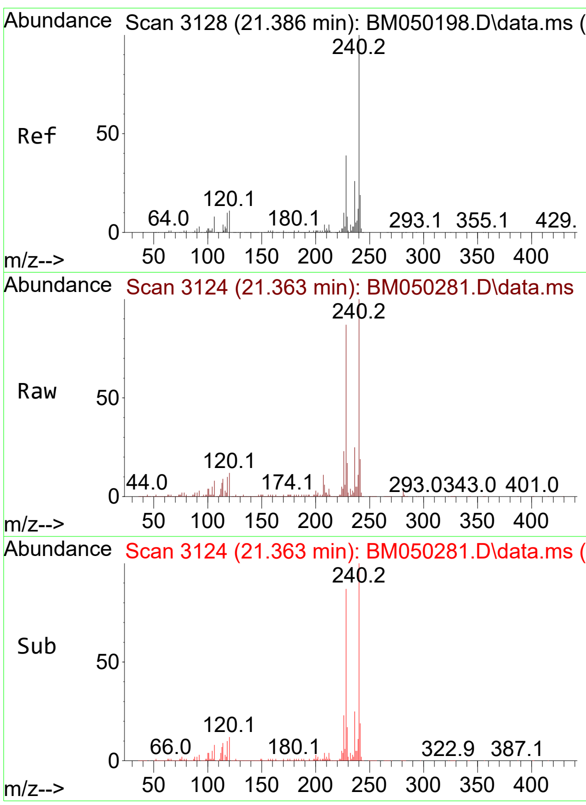


#75
Fluoranthene
Concen: 54.333 ng
RT: 19.192 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:202 Resp: 5018430

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.1
203	17.4	0.0	37.0

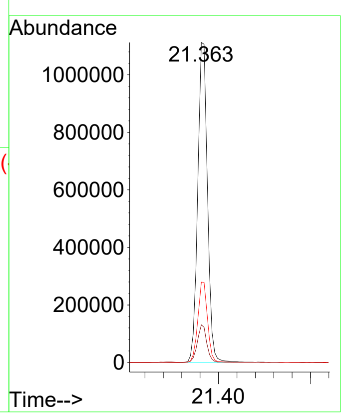




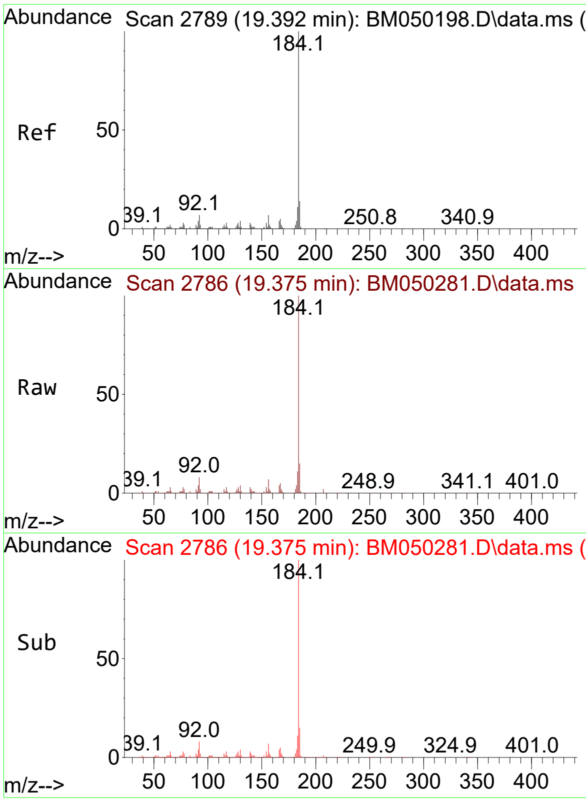
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3124
Delta R.T. -0.011 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:240 Resp: 1635520

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.4
236	25.1	20.7	31.1



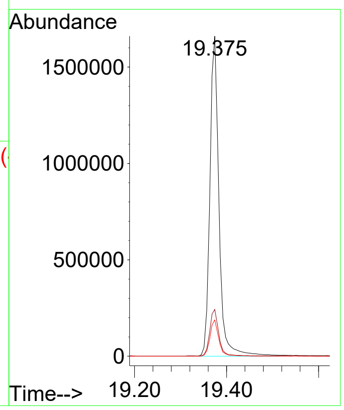
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

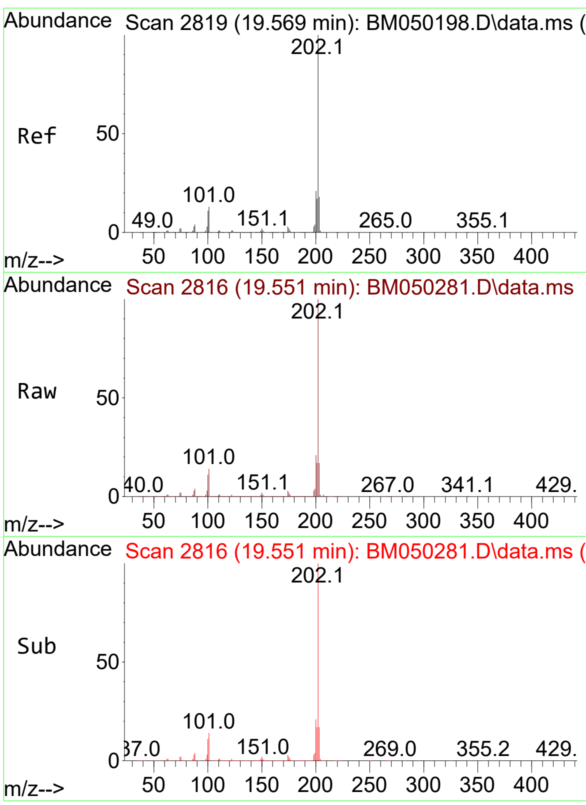


#77
Benzidine
Concen: 49.960 ng
RT: 19.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:184 Resp: 2297747

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.5	17.3
183	11.3	9.0	13.4

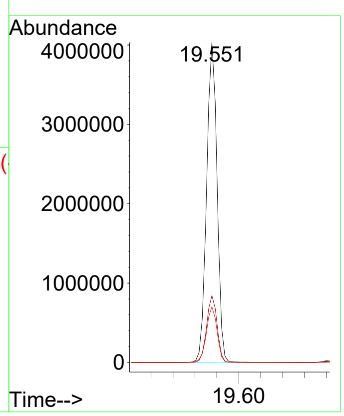




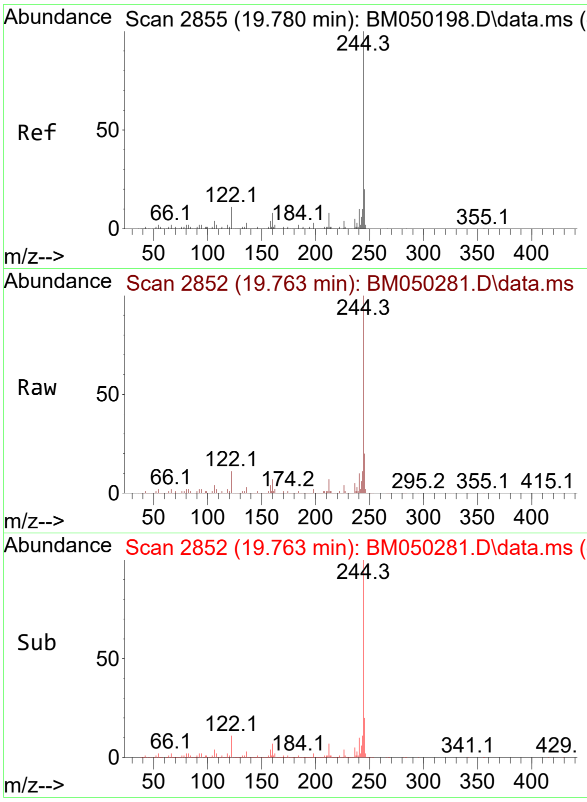
#78
Pyrene
Concen: 48.326 ng
RT: 19.551 min Scan# 2816
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:202 Resp: 5327195

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.5	14.1	21.1



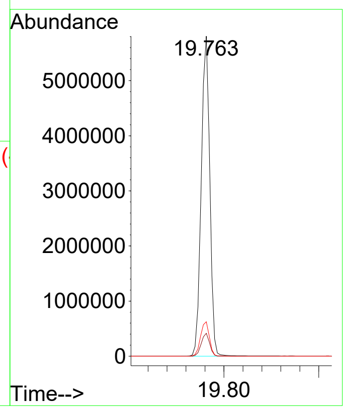
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

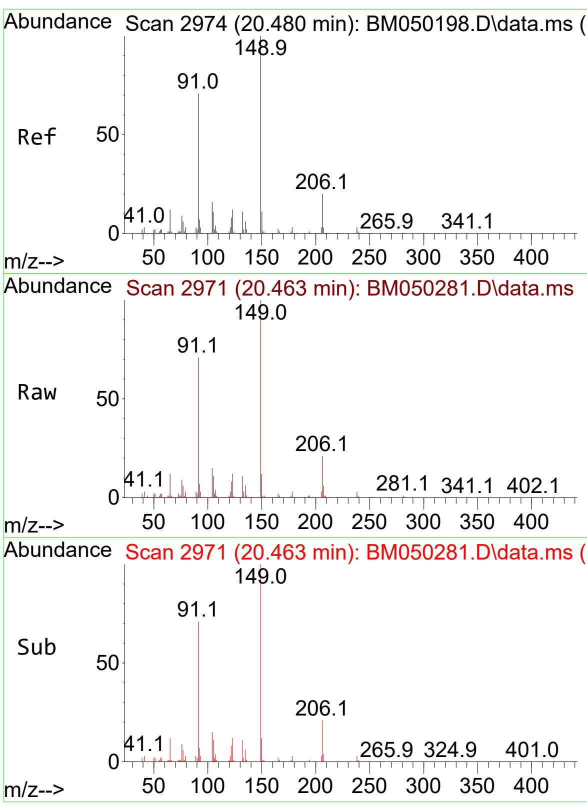


#79
Terphenyl-d14
Concen: 84.237 ng
RT: 19.763 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:244 Resp: 7270187

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.7	8.6	12.8

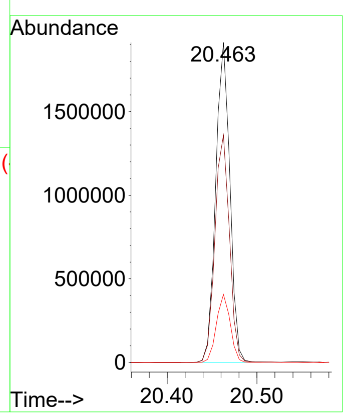




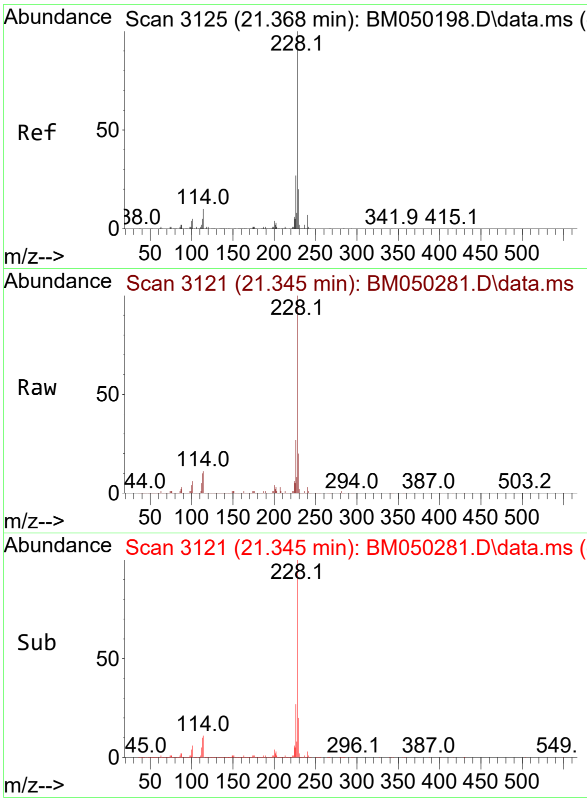
#80
Butylbenzylphthalate
Concen: 56.960 ng
RT: 20.463 min Scan# 2971
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:149 Resp: 2094450

Ion	Ratio	Lower	Upper
149	100		
91	71.1	56.9	85.3
206	21.3	16.1	24.1



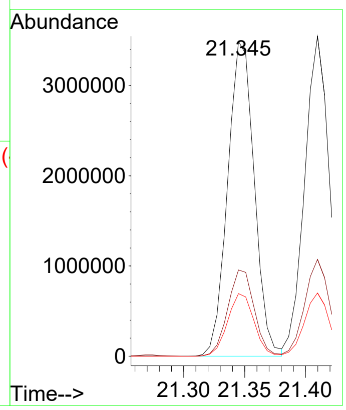
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

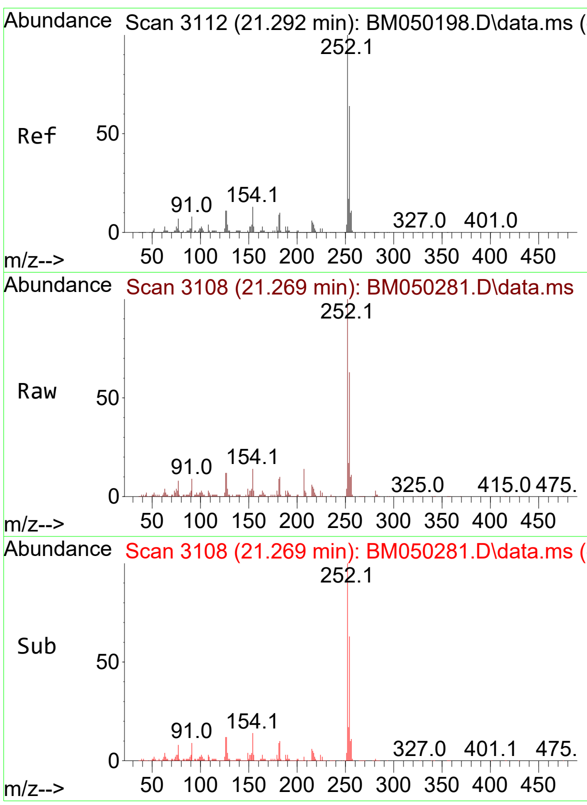


#81
Benzo(a)anthracene
Concen: 51.277 ng
RT: 21.345 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:228 Resp: 5308290

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	19.9	15.7	23.5

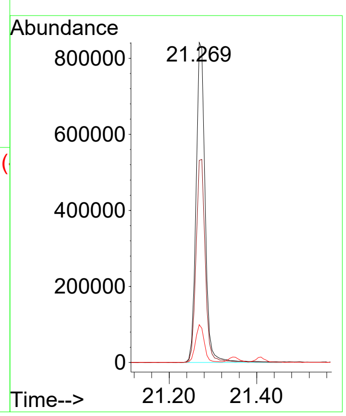




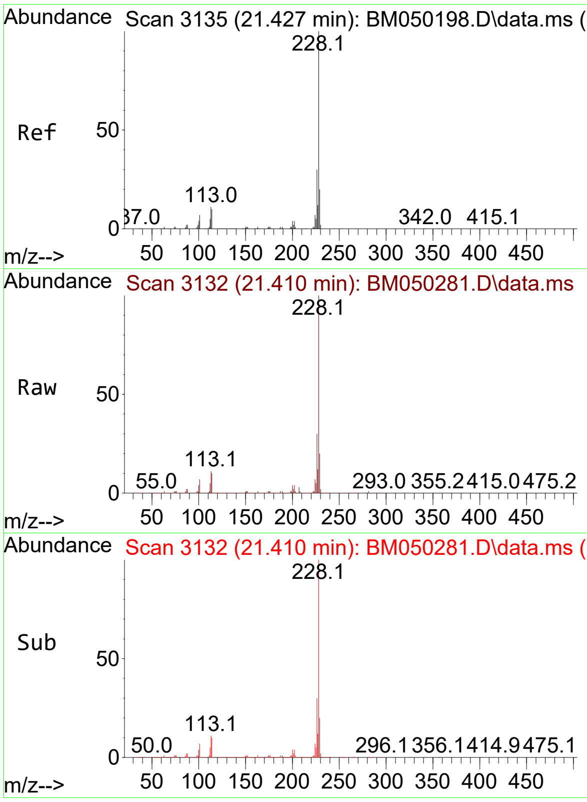
#82
3,3'-Dichlorobenzidine
Concen: 38.408 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:252 Resp: 1212488

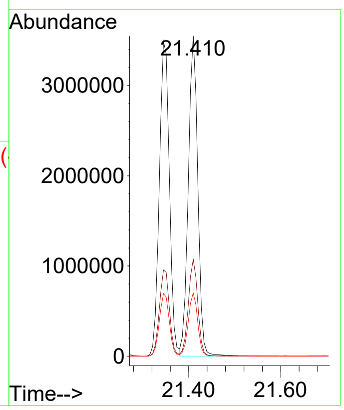
Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.4	77.0
126	11.8	8.6	12.8

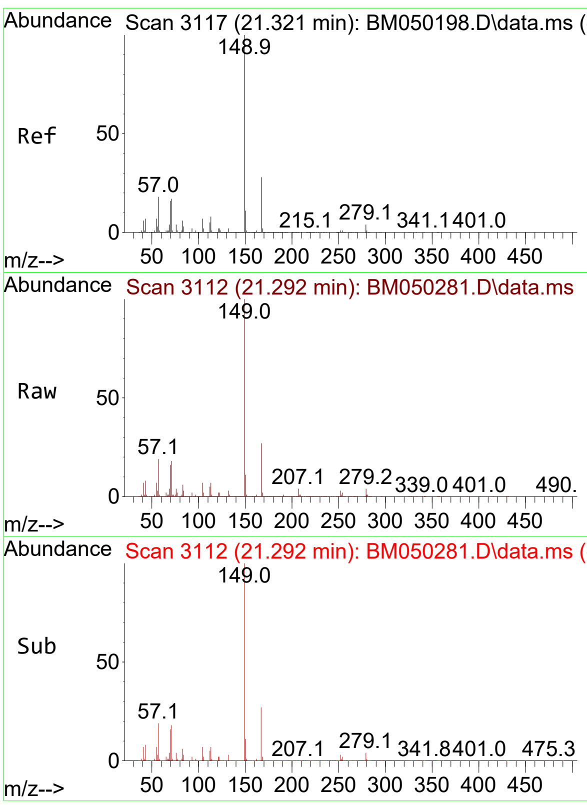


Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

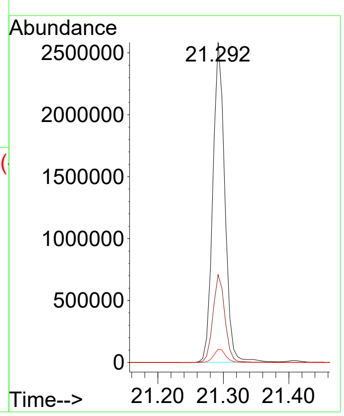



```
#83
Chrysene
Concen:   51.473 ng
RT:  21.410 min  Scan# 3
Delta R.T.  -0.005 min
Lab File:   BM050281.D
Acq: 11 Jun 2025  19:23

Tgt Ion:228 Resp: 5068603
Ion  Ratio  Lower  Upper
228  100
226   30.2   24.3   36.5
229   19.8   15.8   23.8
```

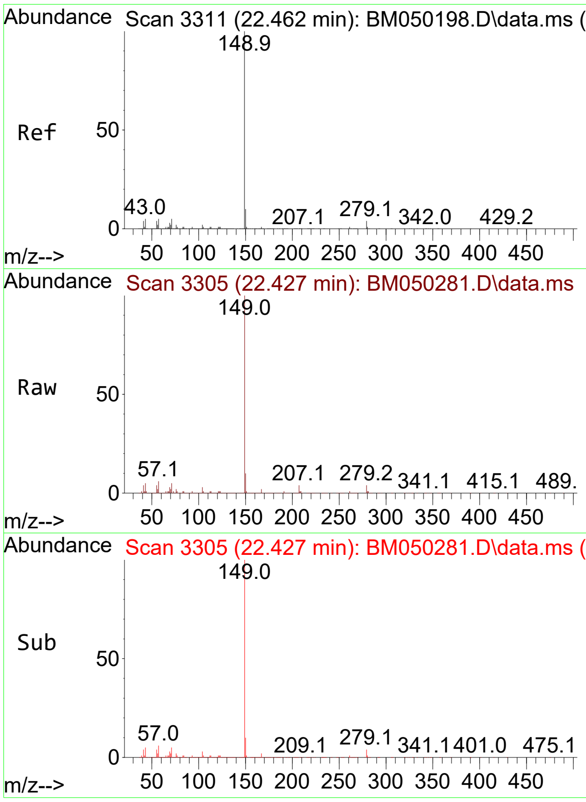





```
#84
Bis(2-ethylhexyl)phthalate
Concen:   58.248 ng
RT:  21.292 min  Scan# 3112
Delta R.T.  -0.011 min
Lab File:   BM050281.D
Acq: 11 Jun 2025  19:23

Tgt Ion:149 Resp: 3299129
Ion  Ratio  Lower  Upper
149  100
167   27.4   22.3   33.5
279    4.2    3.5    5.3
```



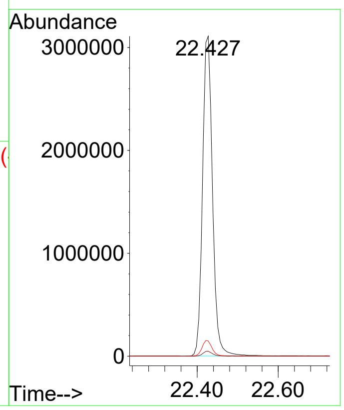
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

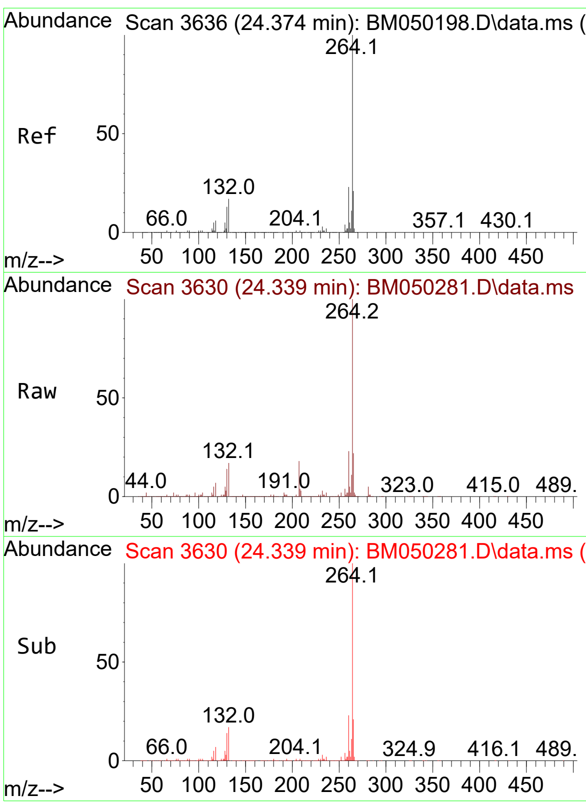


#85
Di-n-octyl phthalate
Concen: 63.381 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:149 Resp: 5326928

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	5.0	3.8	5.8

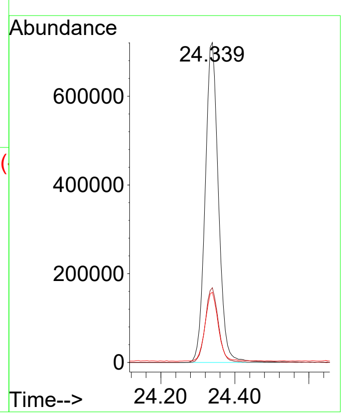




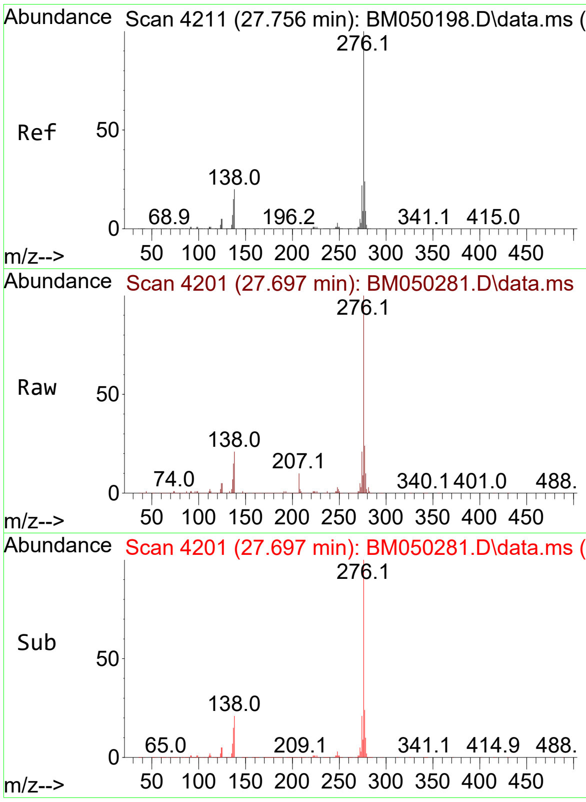
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.339 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:264 Resp: 1800704

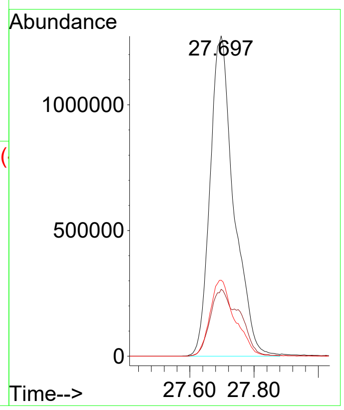
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.9	16.8	25.2

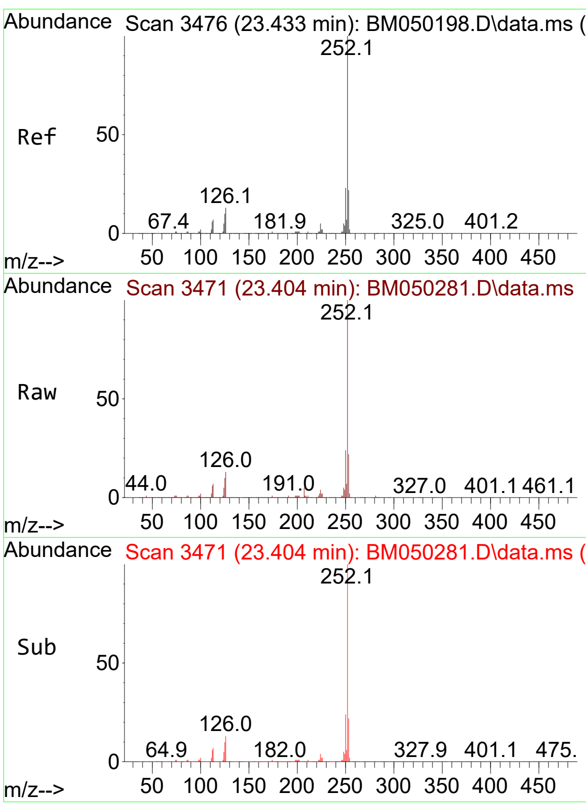


Instrument : BNA_M
ClientSampleId : ARS20-0032MS

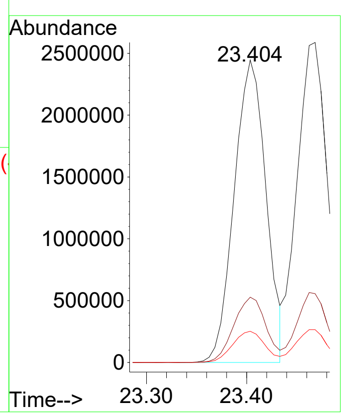



```
#87
Indeno(1,2,3-cd)pyrene
Concen:   56.657 ng
RT:  27.697 min  Scan# 4
Delta R.T.  -0.011 min
Lab File:   BM050281.D
Acq: 11 Jun 2025  19:23

Tgt Ion:276 Resp: 6568942
Ion  Ratio  Lower  Upper
276  100
138   25.7   20.6   30.8
277   25.0   19.8   29.6
```

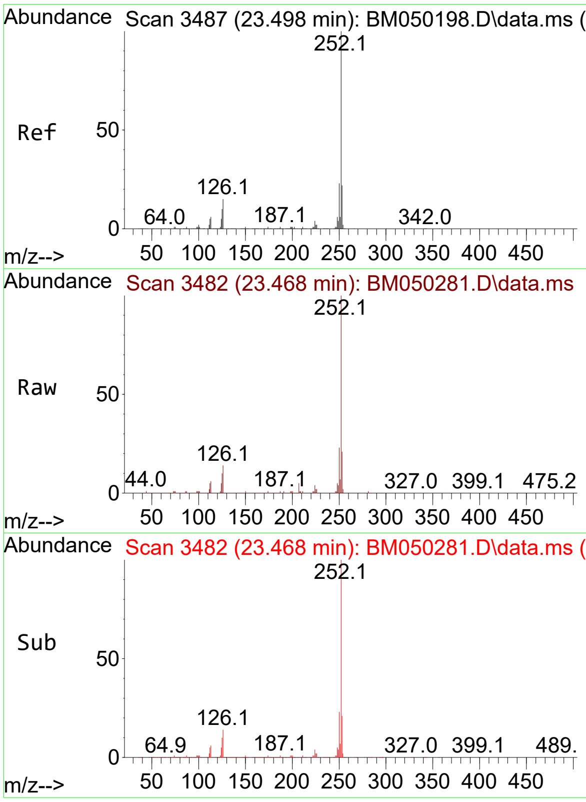





```
#88
Benzo(b)fluoranthene
Concen:   51.564 ng
RT:  23.404 min  Scan# 3471
Delta R.T.  -0.005 min
Lab File:   BM050281.D
Acq: 11 Jun 2025  19:23

Tgt Ion:252 Resp: 5398393
Ion  Ratio  Lower  Upper
252  100
253   21.6   17.2   25.8
125   10.3    8.2   12.4
```



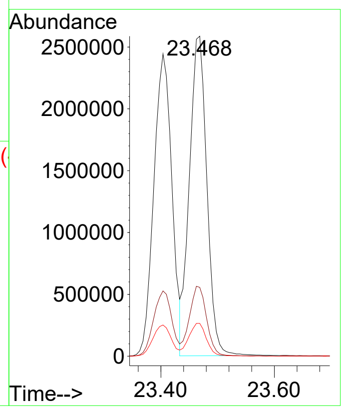
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

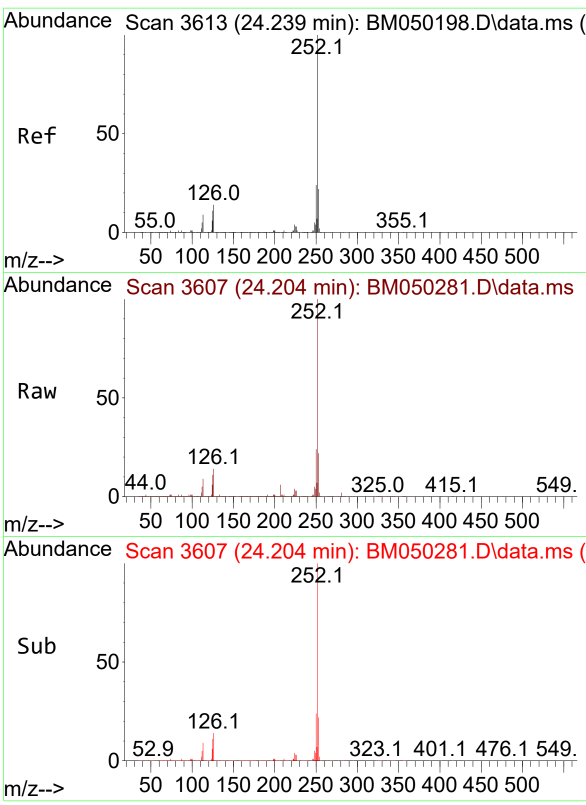


#89
Benzo(k)fluoranthene
Concen: 51.899 ng
RT: 23.468 min Scan# 34
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:252 Resp: 5546796

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	10.2	8.2	12.4

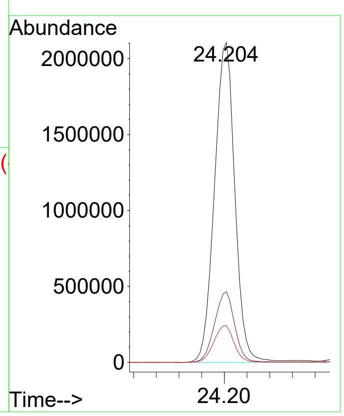




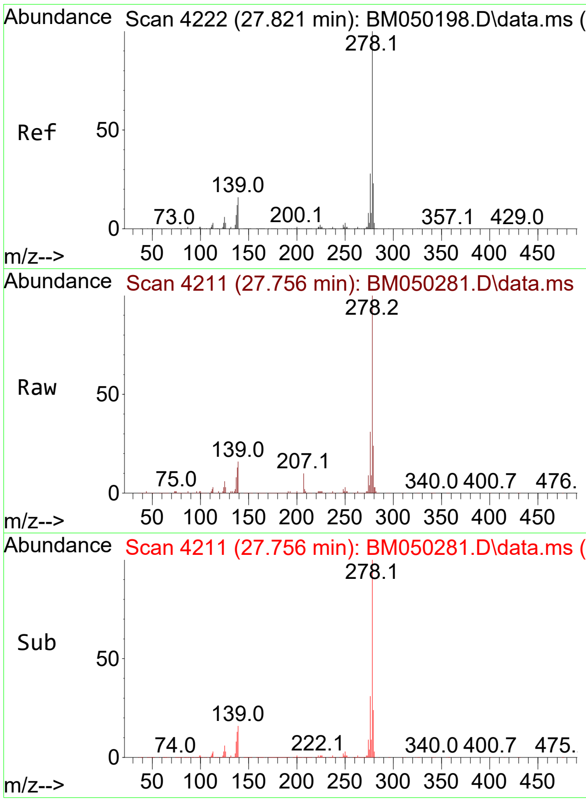
#90
Benzo(a)pyrene
Concen: 53.300 ng
RT: 24.204 min Scan# 3607
Delta R.T. -0.005 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:252 Resp: 5246501

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	11.5	9.0	13.4



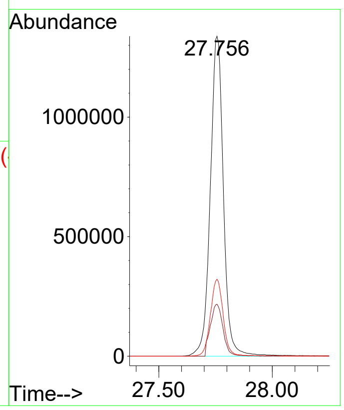
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MS

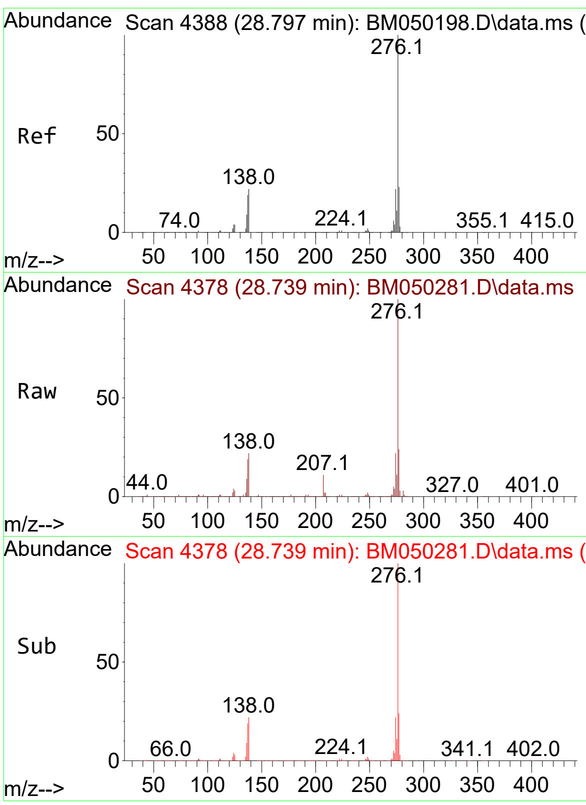


#91
Dibenzo(a,h)anthracene
Concen: 57.151 ng
RT: 27.756 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:278 Resp: 5378627

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.8	19.2
279	24.0	18.6	28.0

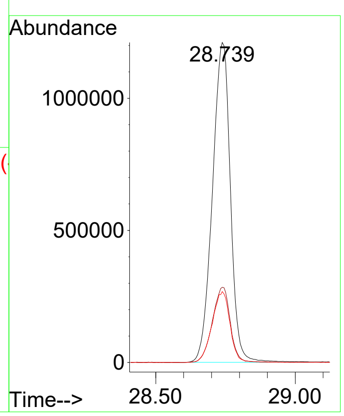




#92
Benzo(g,h,i)perylene
Concen: 57.460 ng
RT: 28.739 min Scan# 4378
Delta R.T. -0.011 min
Lab File: BM050281.D
Acq: 11 Jun 2025 19:23

Tgt Ion:276 Resp: 5412386

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	22.1	17.8	26.6



Raw Data: **BM050282.D**

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/06/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/06/25	
Client Sample ID:	ARS20-0032MSD		SDG No.:	Q2267	
Lab Sample ID:	Q2262-02MSD		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050282.D	1	06/11/25 12:20	06/11/25 20:02	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	380		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	440		5.30	50.0	ug/L
95-48-7	2-Methylphenol	470		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	460		11.0	100	ug/L
67-72-1	Hexachloroethane	450		6.50	50.0	ug/L
98-95-3	Nitrobenzene	500		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	490		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	530		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	530		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	570		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	540		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1100	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	126		23 - 138	84%	SPK: 150
13127-88-3	Phenol-d6	112		10 - 134	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.0		67 - 132	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.2		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		44 - 137	98%	SPK: 150
1718-51-0	Terphenyl-d14	88.5		42 - 152	88%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	426000	7.763			
1146-65-2	Naphthalene-d8	1660000	10.551			
15067-26-2	Acenaphthene-d10	962000	14.398			
1517-22-2	Phenanthrene-d10	1730000	17.133			
1719-03-5	Chrysene-d12	1630000	21.362			
1520-96-3	Perylene-d12	1770000	24.333			

Alliance TECHNICAL GROUP

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.			Date Collected:	06/06/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05			Date Received:	06/06/25	
Client Sample ID:	ARS20-0032MSD			SDG No.:	Q2267	
Lab Sample ID:	Q2262-02MSD			Matrix:	TCLP	
Analytical Method:	8270E			% Solid:	0	
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA	
Extraction Type :		Decanted :	N	Level :	LOW	
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050282.D	1	06/11/25 12:20	06/11/25 20:02	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050282.D
Acq On : 11 Jun 2025 20:02
Operator : RC/JU
Sample : Q2262-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

Quant Time: Jun 12 02:55:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.763	152	426249	20.000 ng	0.00
21) Naphthalene-d8	10.551	136	1656086	20.000 ng	0.00
39) Acenaphthene-d10	14.398	164	962021	20.000 ng	0.00
64) Phenanthrene-d10	17.133	188	1732540	20.000 ng	0.00
76) Chrysene-d12	21.362	240	1630999	20.000 ng	-0.01
86) Perylene-d12	24.333	264	1766581	20.000 ng	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	5.357	112	3209903	125.621 ng	0.00
7) Phenol-d6	6.934	99	3767175	111.994 ng	0.00
23) Nitrobenzene-d5	8.916	82	2802069	87.997 ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1602285	146.430 ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5985627	84.236 ng	0.00
79) Terphenyl-d14	19.762	244	7612920	88.453 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.293	88	408855	36.503 ng	98
3) Pyridine	3.681	79	1098257	37.863 ng	99
4) n-Nitrosodimethylamine	3.581	42	267991	44.680 ng	92
6) Aniline	7.092	93	1195452	26.884 ng	100
8) 2-Chlorophenol	7.334	128	1347040	47.927 ng	99
9) Benzaldehyde	6.904	77	491794	22.996 ng	99
10) Phenol	6.963	94	1442613	40.534 ng	99
11) bis(2-Chloroethyl)ether	7.192	93	1366721	47.743 ng	99
12) 1,3-Dichlorobenzene	7.657	146	1392160	44.306 ng	100
13) 1,4-Dichlorobenzene	7.798	146	1441709	44.099 ng	100
14) 1,2-Dichlorobenzene	8.116	146	1396061	44.795 ng	99
15) Benzyl Alcohol	8.004	79	1145606	47.751 ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	949191	47.731 ng	99
17) 2-Methylphenol	8.204	107	1095501	46.651 ng	98
18) Hexachloroethane	8.845	117	533338	45.048 ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	981685	47.691 ng	99
20) 3+4-Methylphenols	8.534	107	1441125	45.869 ng	99
22) Acetophenone	8.581	105	2020483	48.835 ng	99
24) Nitrobenzene	8.957	77	1455364	50.254 ng	100
25) Isophorone	9.486	82	2744229	49.931 ng	100
26) 2-Nitrophenol	9.669	139	657319	52.581 ng	99
27) 2,4-Dimethylphenol	9.733	122	1262564	49.154 ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	1812743	50.488 ng	99
29) 2,4-Dichlorophenol	10.198	162	1242582	52.277 ng	98
30) 1,2,4-Trichlorobenzene	10.416	180	1298922	49.108 ng	99
31) Naphthalene	10.604	128	4184727	48.874 ng	100
32) Benzoic acid	9.851	122	613369	37.998 ng	98
33) 4-Chloroaniline	10.710	127	444716	12.183 ng	99
34) Hexachlorobutadiene	10.898	225	767819	48.803 ng	99
35) Caprolactam	11.486	113	292596	38.828 ng	96
36) 4-Chloro-3-methylphenol	11.833	107	1271539	50.133 ng	100
37) 2-Methylnaphthalene	12.216	142	2602795	50.389 ng	99
38) 1-Methylnaphthalene	12.433	142	2720090	49.615 ng	100
40) 1,2,4,5-Tetrachloroben...	12.586	216	1410949	50.791 ng	99
41) Hexachlorocyclopentadiene	12.574	237	1654385	98.064 ng	98
43) 2,4,6-Trichlorophenol	12.822	196	962110	52.666 ng	98

Quantitation Report (QT Reviewed)

Sample Results: **BM050282.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050282.D
Acq On : 11 Jun 2025 20:02
Operator : RC/JU
Sample : Q2262-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

Quant Time: Jun 12 02:55:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	1064817	53.089 ng	98
46) 1,1'-Biphenyl	13.233	154	3610425	50.120 ng	99
47) 2-Chloronaphthalene	13.269	162	2783712	49.707 ng	100
48) 2-Nitroaniline	13.469	65	705117	57.214 ng	100
49) Acenaphthylene	14.116	152	4534055	50.055 ng	100
50) Dimethylphthalate	13.857	163	3348601	51.468 ng	100
51) 2,6-Dinitrotoluene	13.969	165	721633	55.000 ng	99
52) Acenaphthene	14.463	154	2982292m	52.638 ng	
53) 3-Nitroaniline	14.292	138	629839	43.072 ng	99
54) 2,4-Dinitrophenol	14.498	184	589758	75.764 ng	91
55) Dibenzofuran	14.792	168	4177490	50.399 ng	99
56) 4-Nitrophenol	14.604	139	1186660	95.343 ng	98
57) 2,4-Dinitrotoluene	14.751	165	989545	57.173 ng	100
58) Fluorene	15.445	166	3195447	50.333 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.015	232	902223	51.991 ng	93
60) Diethylphthalate	15.227	149	3341515	51.763 ng	98
61) 4-Chlorophenyl-phenyle...	15.439	204	1578907	51.459 ng	98
62) 4-Nitroaniline	15.457	138	739103	53.927 ng	98
63) Azobenzene	15.733	77	3275968	50.772 ng	99
65) 4,6-Dinitro-2-methylph...	15.515	198	453381	47.912 ng	98
66) n-Nitrosodiphenylamine	15.651	169	2867339	52.672 ng	99
67) 4-Bromophenyl-phenylether	16.333	248	999973	54.124 ng	97
68) Hexachlorobenzene	16.445	284	1156890	53.594 ng	96
69) Atrazine	16.604	200	964181	55.587 ng	99
70) Pentachlorophenol	16.786	266	1514137	107.889 ng	99
71) Phenanthrene	17.174	178	5005231	50.571 ng	99
72) Anthracene	17.268	178	5062533	51.130 ng	100
73) Carbazole	17.533	167	4587470	50.857 ng	99
74) Di-n-butylphthalate	18.109	149	5492575	55.962 ng	100
75) Fluoranthene	19.192	202	5412522	51.856 ng	99
77) Benzidine	19.374	184	2347379	51.180 ng	100
78) Pyrene	19.550	202	5644253	51.344 ng	99
80) Butylbenzylphthalate	20.462	149	2197120	59.918 ng	98
81) Benzo(a)anthracene	21.344	228	5337943	51.707 ng	100
82) 3,3'-Dichlorobenzidine	21.268	252	1247674	39.632 ng	99
83) Chrysene	21.409	228	5090634	51.840 ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	3363446	59.549 ng	100
85) Di-n-octyl phthalate	22.421	149	5420515	64.674 ng	100
87) Indeno(1,2,3-cd)pyrene	27.691	276	6686247	58.782 ng	100
88) Benzo(b)fluoranthene	23.403	252	5441573	52.980 ng	99
89) Benzo(k)fluoranthene	23.462	252	5481028	52.274 ng	99
90) Benzo(a)pyrene	24.197	252	5225589	54.112 ng	99
91) Dibenzo(a,h)anthracene	27.756	278	5439587	58.916 ng	99
92) Benzo(g,h,i)perylene	28.738	276	5451723	58.996 ng	99

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

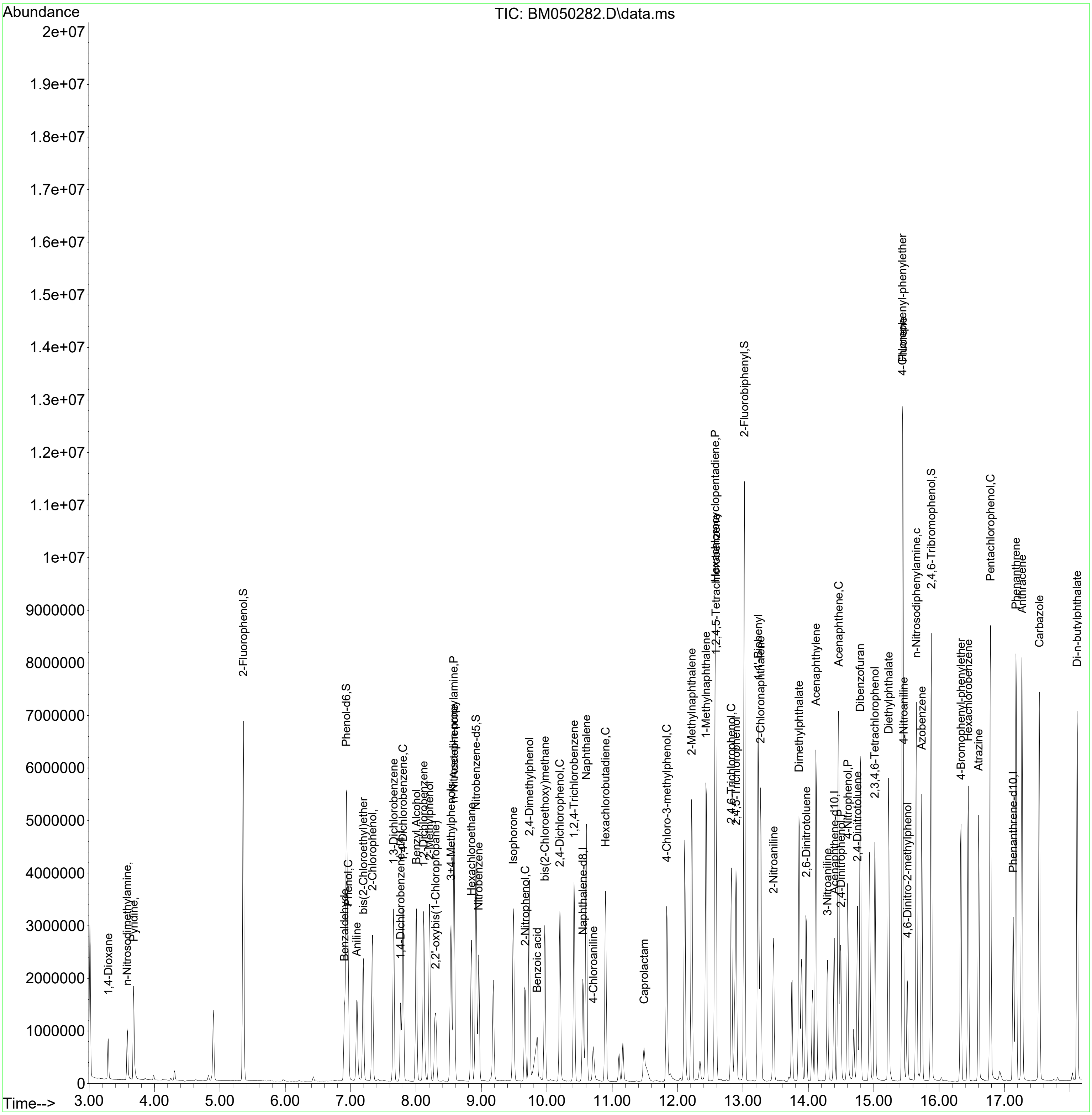
Quantitation Report   (QT Reviewed)

Sample Results: **BM050282.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050282.D
Acq On   : 11 Jun 2025 20:02
Operator : RC/JU
Sample   : Q2262-02MSD
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

Quant Time: Jun 12 02:55:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

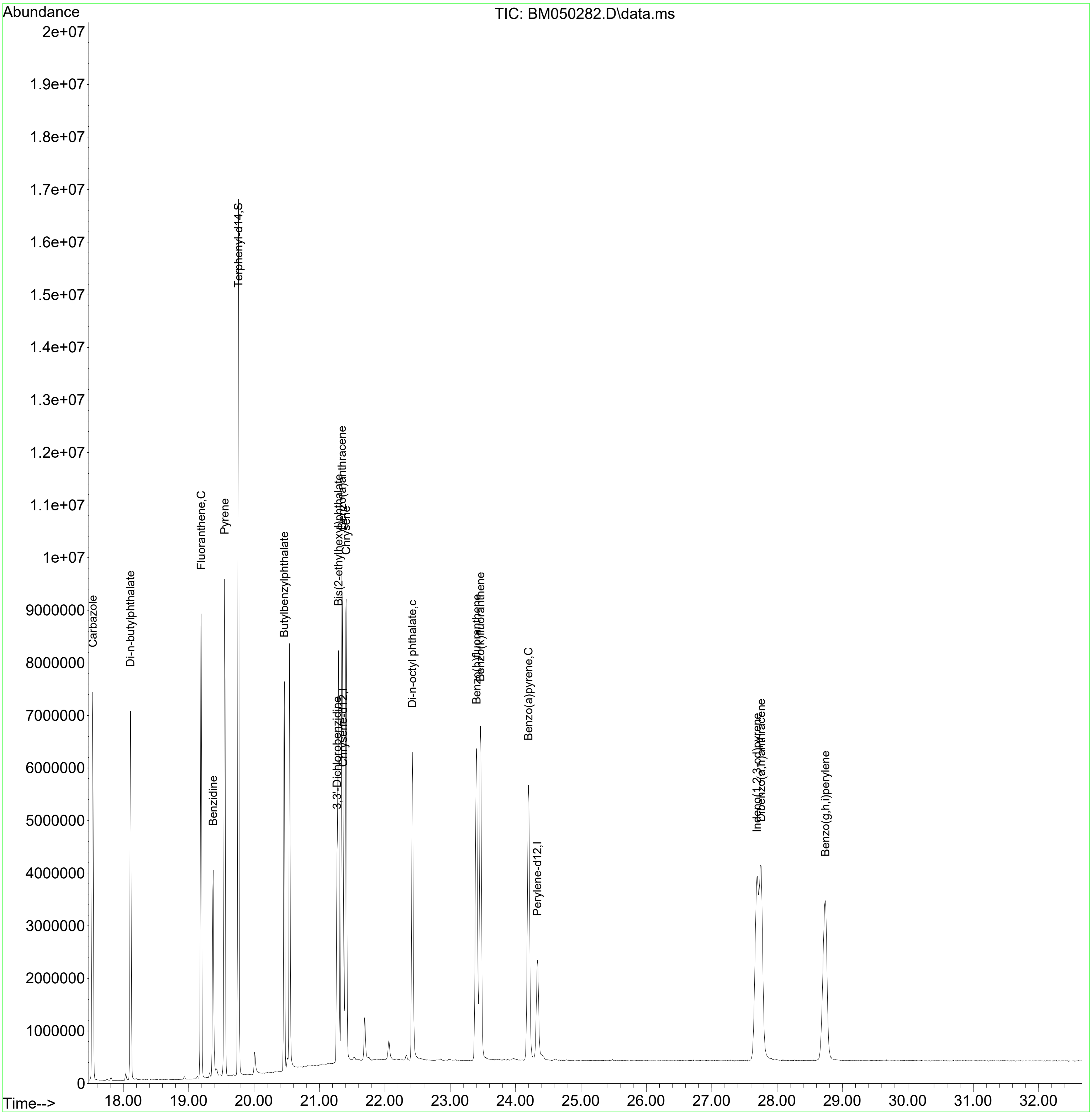


Sample Results: **BM050282.D**

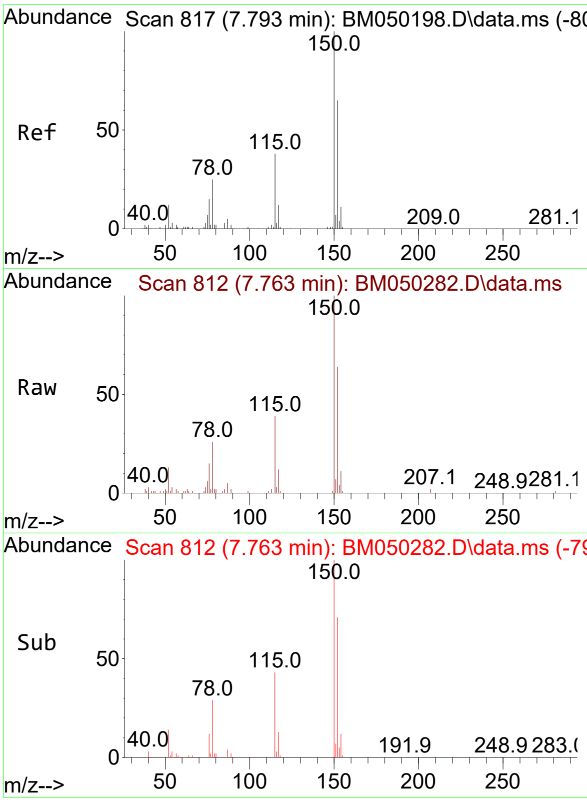
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050282.D
Acq On : 11 Jun 2025 20:02
Operator : RC/JU
Sample : Q2262-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

Quant Time: Jun 12 02:55:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



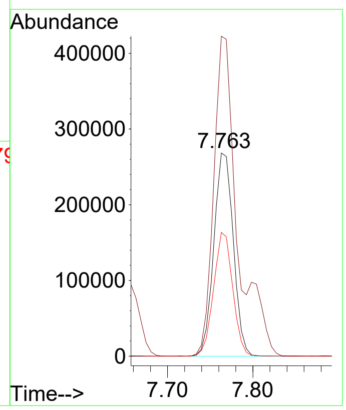
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

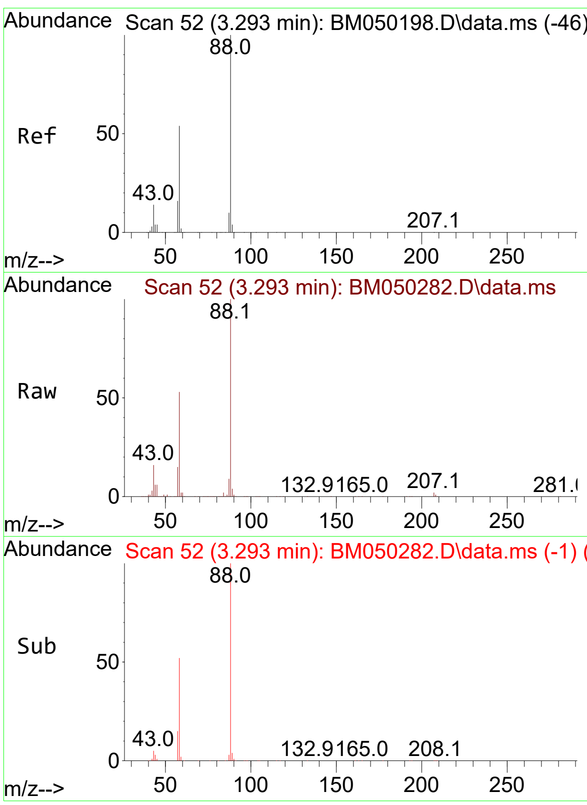


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:152 Resp: 426249

Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.2	183.4
115	60.9	46.3	69.5

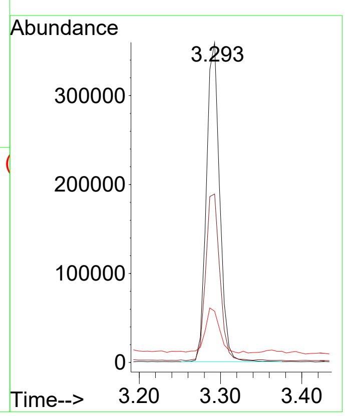




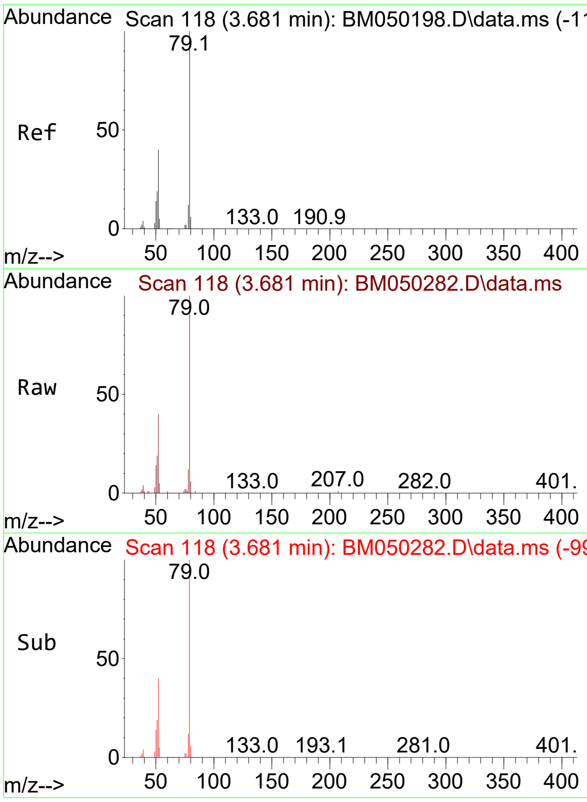
#2
1,4-Dioxane
Concen: 36.503 ng
RT: 3.293 min Scan# 52
Delta R.T. 0.012 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 88 Resp: 408855

Ion	Ratio	Lower	Upper
88	100		
58	55.1	42.9	64.3
43	15.0	11.0	16.6



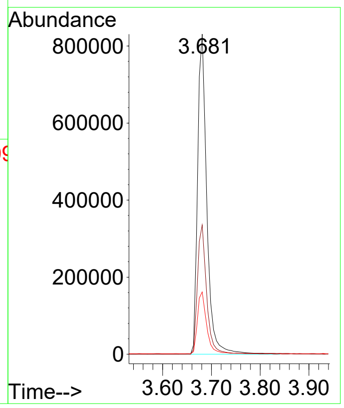
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

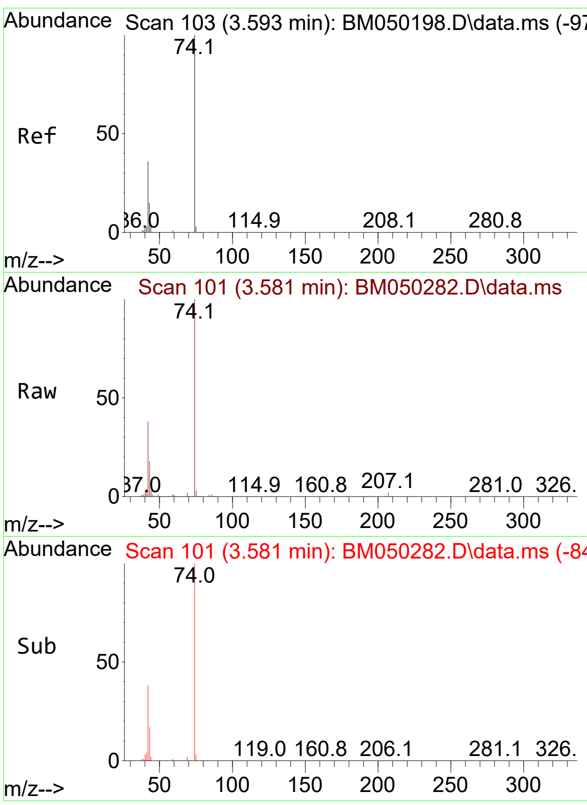


#3
Pyridine
Concen: 37.863 ng
RT: 3.681 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 79 Resp: 1098257

Ion	Ratio	Lower	Upper
79	100		
52	40.4	32.1	48.1
51	19.5	15.4	23.0

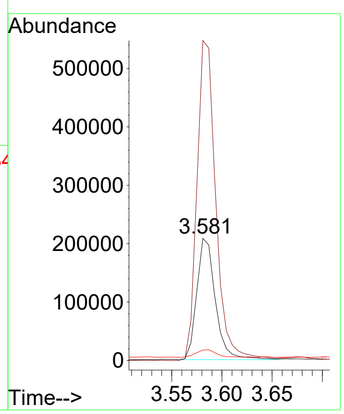




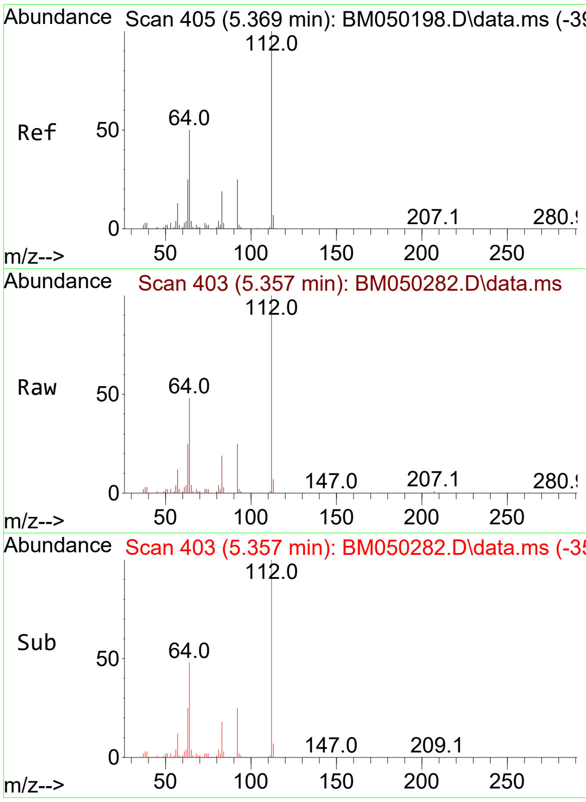
#4
n-Nitrosodimethylamine
Concen: 44.680 ng
RT: 3.581 min Scan# 101
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 42 Resp: 267991

Ion	Ratio	Lower	Upper
42	100		
74	262.2	222.0	333.0
44	8.5	7.0	10.6



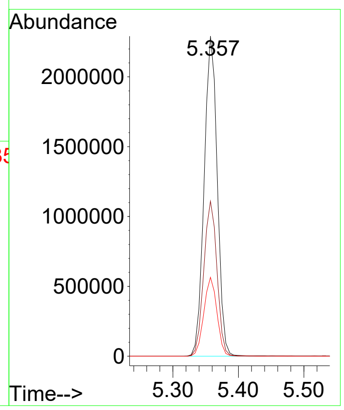
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

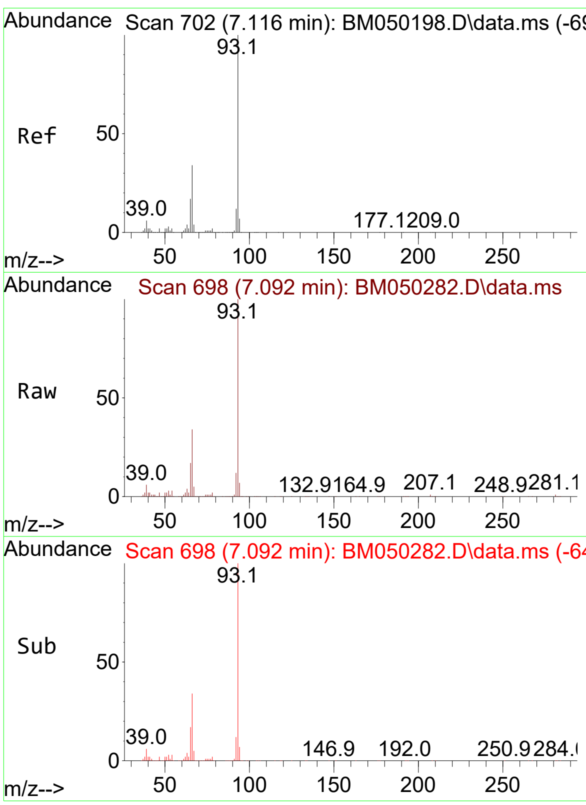


#5
2-Fluorophenol
Concen: 125.621 ng
RT: 5.357 min Scan# 4(
Delta R.T. -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:112 Resp: 3209903

Ion	Ratio	Lower	Upper
112	100		
64	48.5	39.8	59.6
63	24.6	19.8	29.8

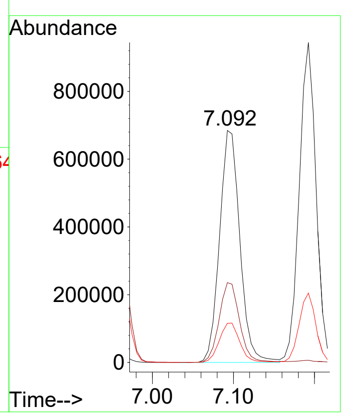




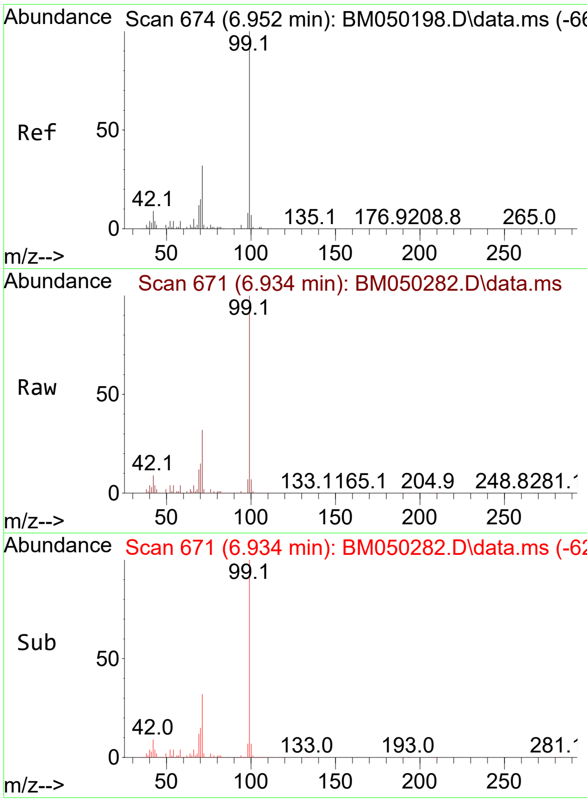
#6
Aniline
Concen: 26.884 ng
RT: 7.092 min Scan# 698
Delta R.T. -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 93 Resp: 1195452

Ion	Ratio	Lower	Upper
93	100		
66	34.4	27.4	41.2
65	16.9	13.6	20.4



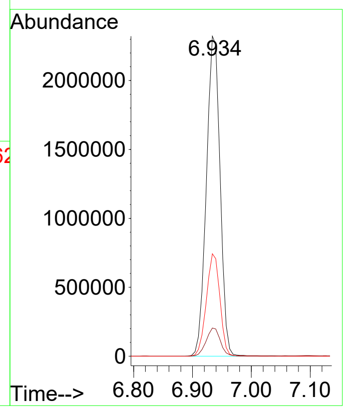
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

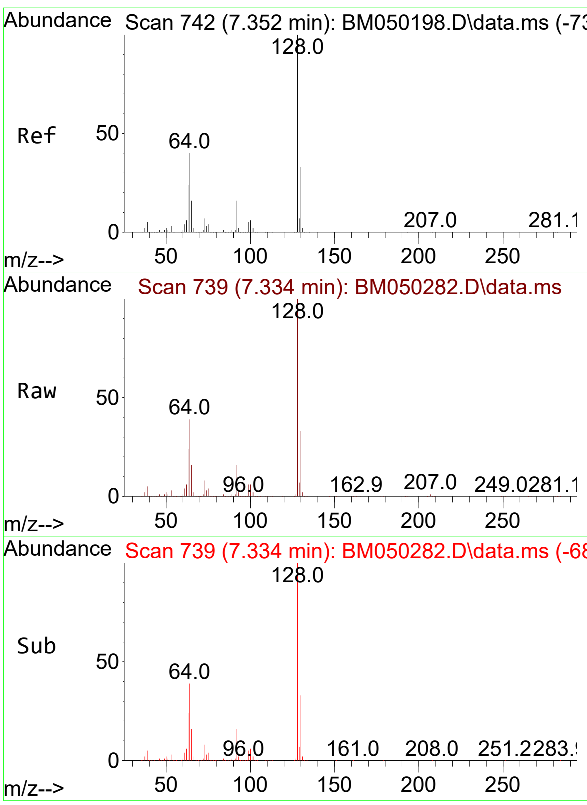


#7
Phenol-d6
Concen: 111.994 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 99 Resp: 3767175

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	32.0	25.3	37.9

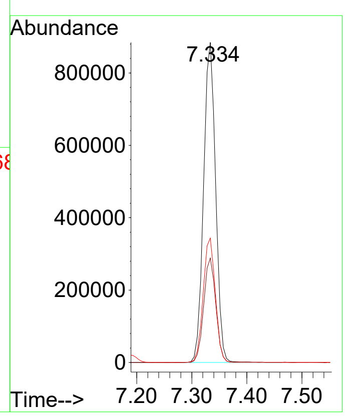




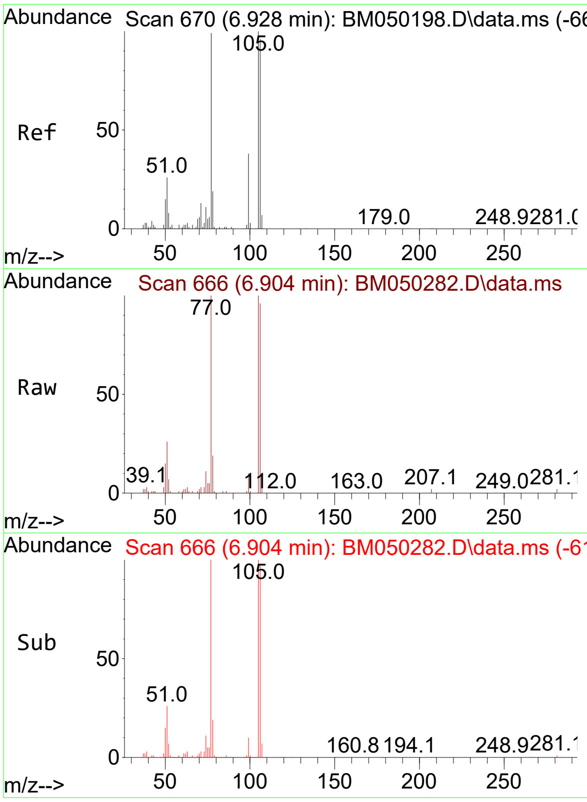
#8
2-Chlorophenol
Concen: 47.927 ng
RT: 7.334 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:128 Resp: 1347040

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	38.8	19.8	59.8



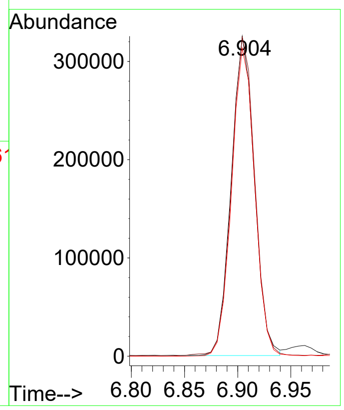
Instrument : BNA_M
ClientSampleId : ARS20-0032MSD

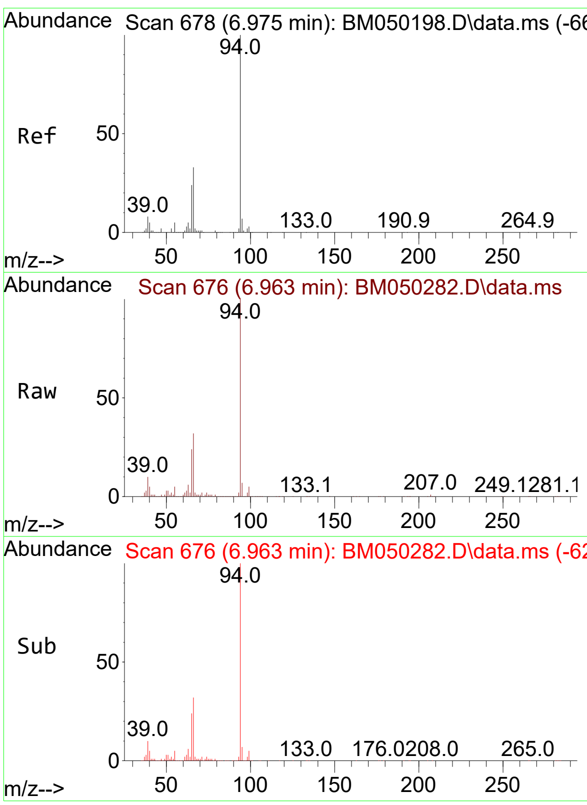


#9
Benzaldehyde
Concen: 22.996 ng
RT: 6.904 min Scan# 66
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 77 Resp: 491794

Ion	Ratio	Lower	Upper
77	100		
105	99.7	80.9	120.9
106	96.3	77.1	117.1

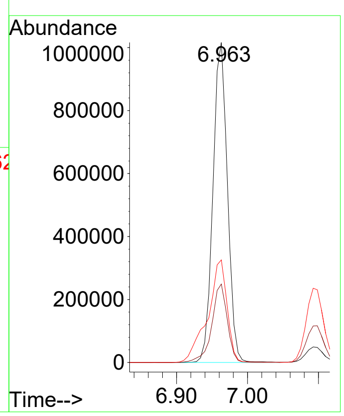




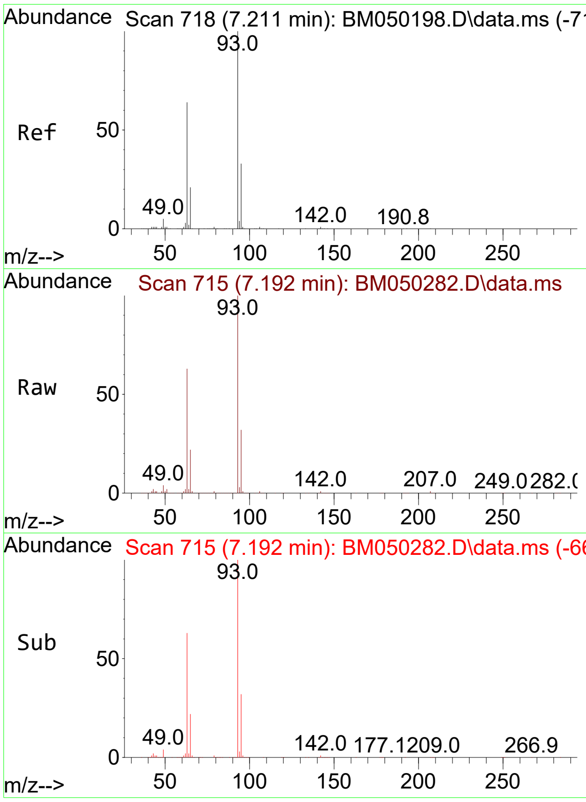
#10
Phenol
Concen: 40.534 ng
RT: 6.963 min Scan# 676
Delta R.T. 0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 94 Resp: 1442613

Ion	Ratio	Lower	Upper
94	100		
65	24.5	4.3	44.3
66	32.1	12.9	52.9



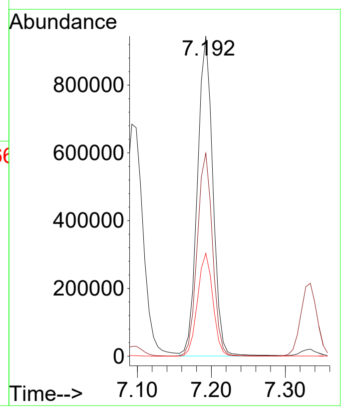
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

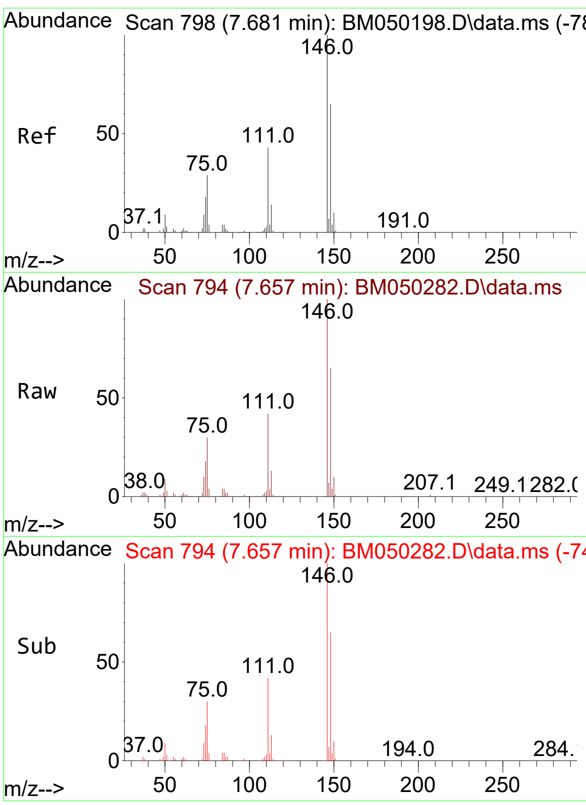


#11
bis(2-Chloroethyl)ether
Concen: 47.743 ng
RT: 7.192 min   Scan# 71
Delta R.T.   0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025   20:02

Tgt Ion: 93 Resp: 1366721

Ion	Ratio	Lower	Upper
93	100		
63	63.5	43.9	83.9
95	32.2	12.7	52.7

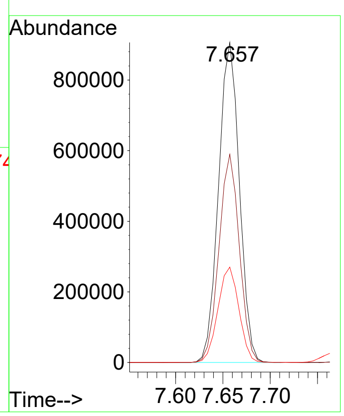




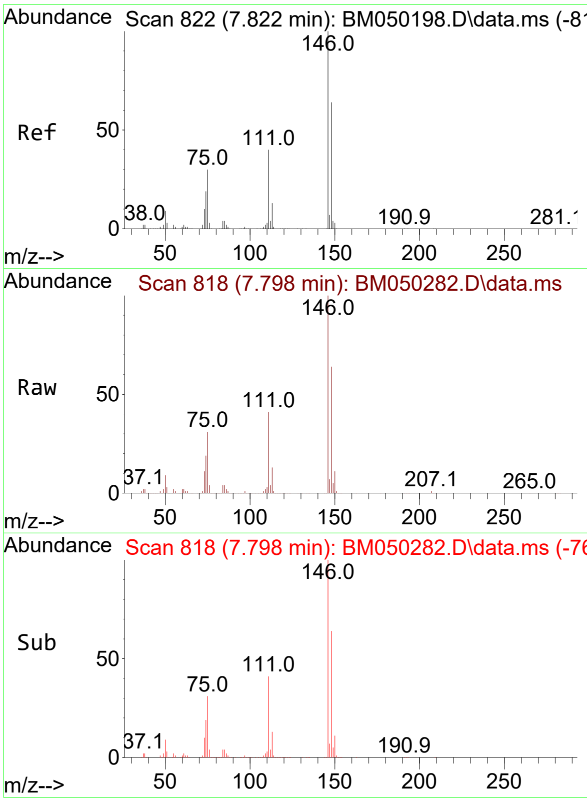
#12
1,3-Dichlorobenzene
Concen: 44.306 ng
RT: 7.657 min   Scan# 794
Delta R.T.   -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025   20:02

Tgt Ion:146 Resp: 1392160

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
75	29.8	23.4	35.0



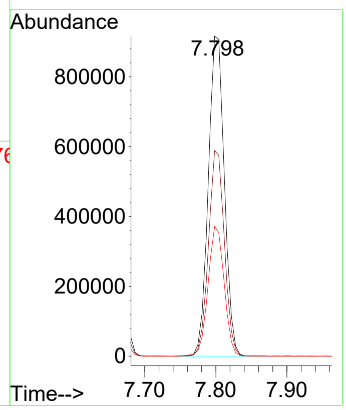
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

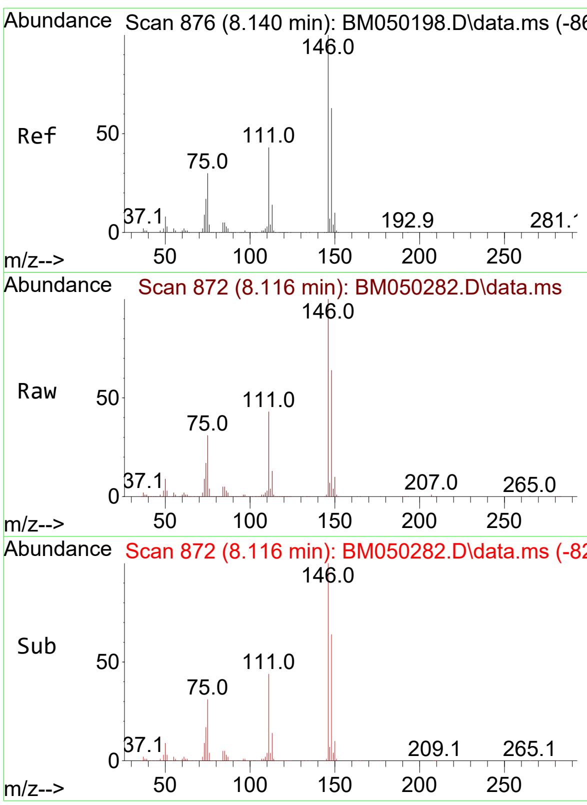


#13
1,4-Dichlorobenzene
Concen: 44.099 ng
RT: 7.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:146 Resp: 1441709

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	40.5	32.3	48.5

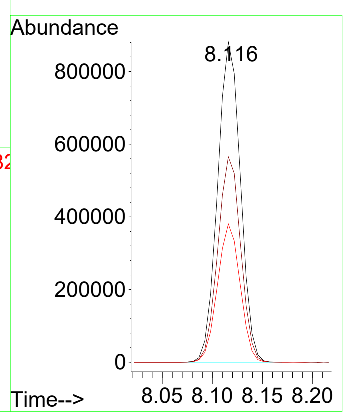




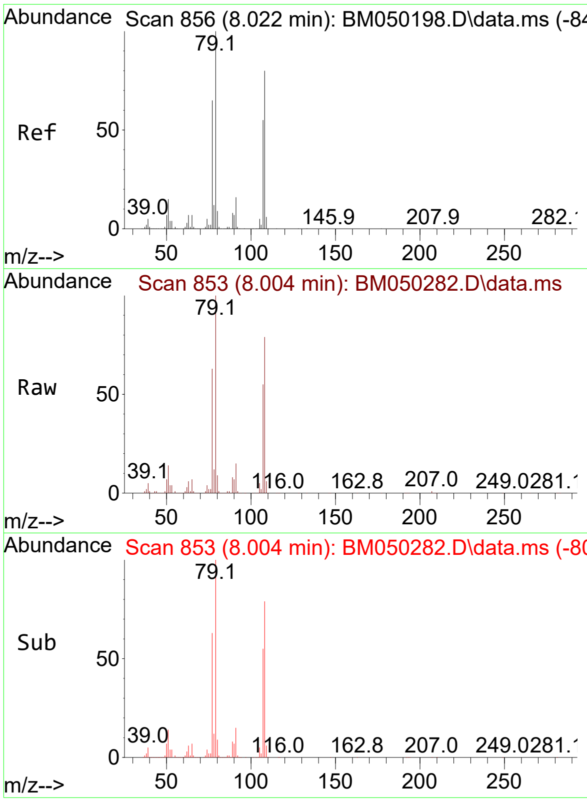
#14
1,2-Dichlorobenzene
Concen: 44.795 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:146 Resp: 1396061

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	43.2	34.3	51.5



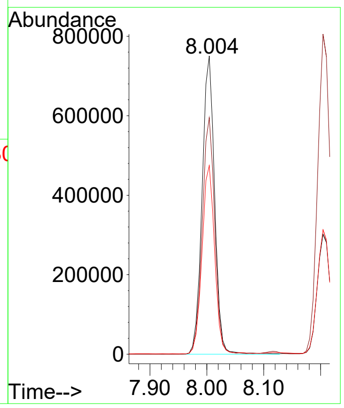
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

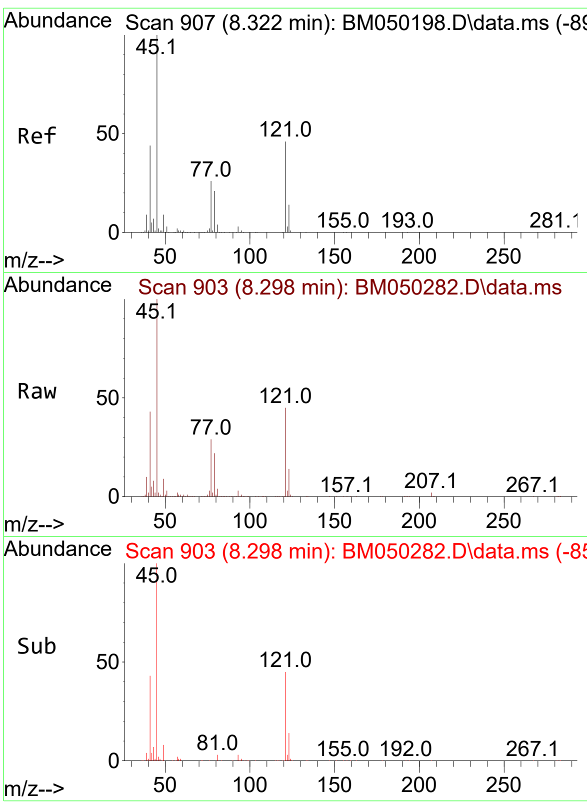


#15
Benzyl Alcohol
Concen: 47.751 ng
RT: 8.004 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 79 Resp: 1145606

Ion	Ratio	Lower	Upper
79	100		
108	79.3	64.0	96.0
77	63.3	52.2	78.2

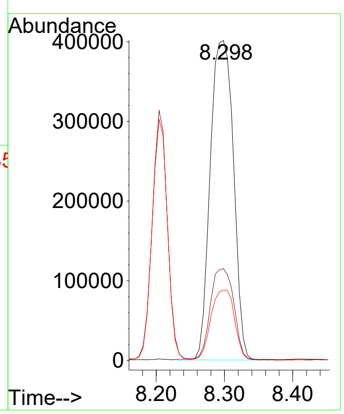




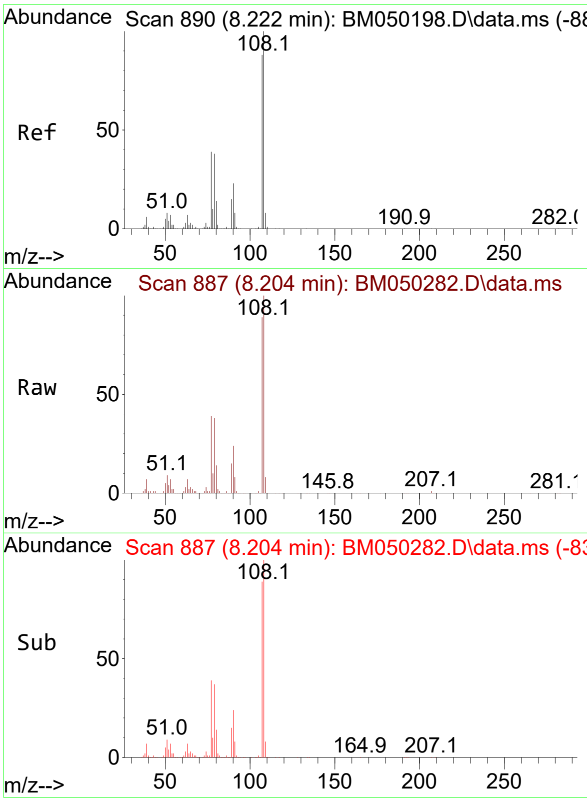
#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.731 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 45 Resp: 949191

Ion	Ratio	Lower	Upper
45	100		
77	28.7	8.7	48.7
79	22.0	2.7	42.7



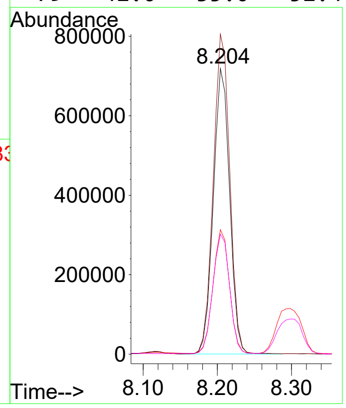
Instrument :	BNA_M
ClientSampleId :	ARS20-0032MSD

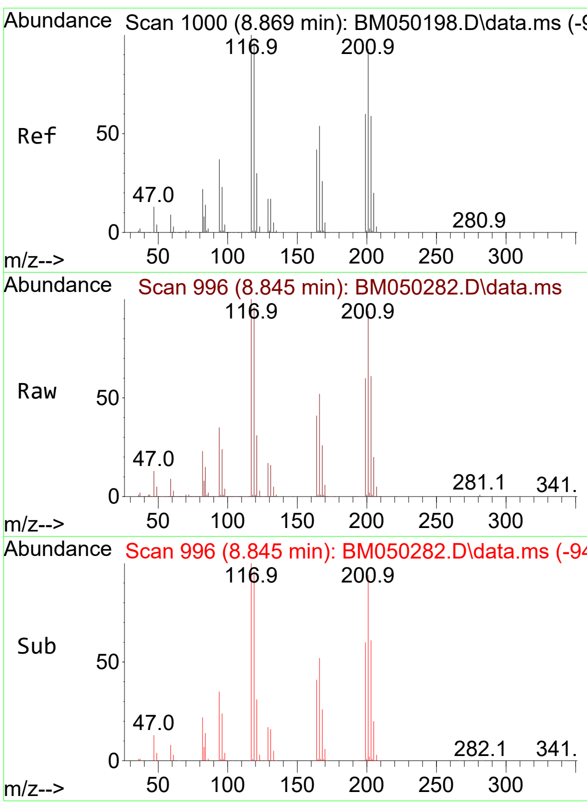


#17
2-Methylphenol
Concen: 46.651 ng
RT: 8.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:107 Resp: 1095501

Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.8	136.2
77	43.6	35.7	53.5
79	42.0	35.0	52.4

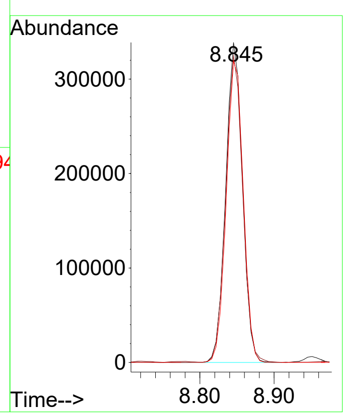




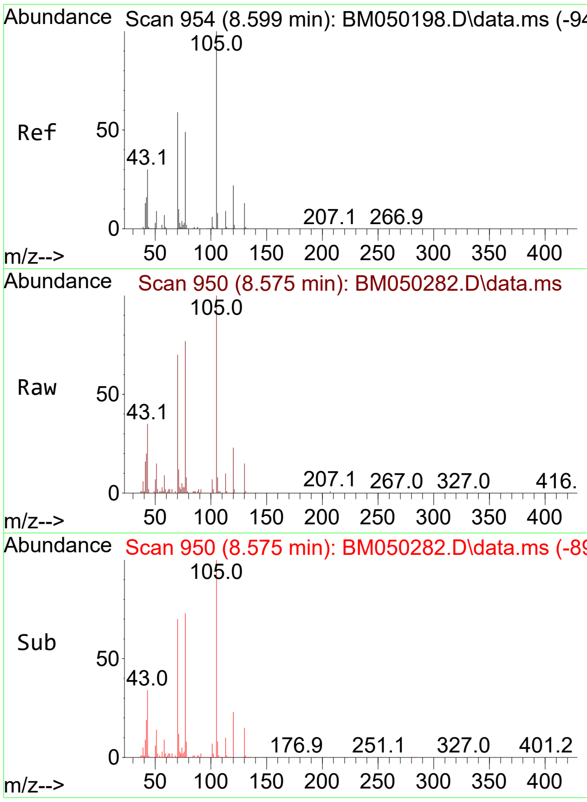
#18
Hexachloroethane
Concen: 45.048 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:117 Resp: 533338

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.6
201	94.2	74.6	111.8



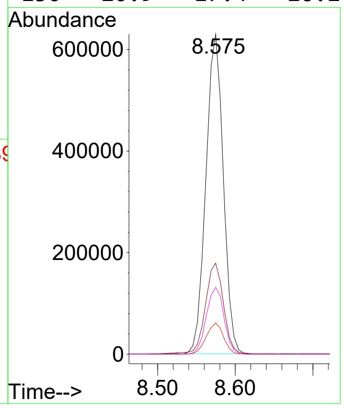
Instrument : BNA_M
ClientSampleId : ARS20-0032MSD

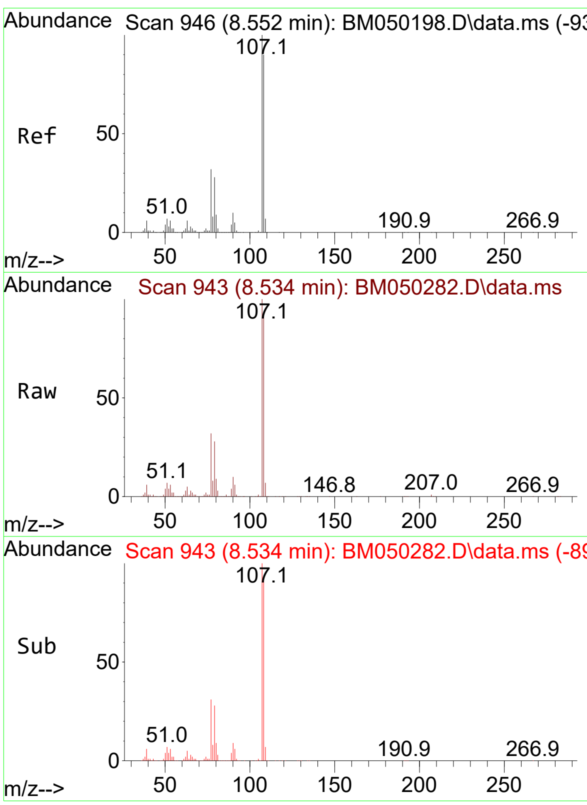


#19
n-Nitroso-di-n-propylamine
Concen: 47.691 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 70 Resp: 981685

Ion	Ratio	Lower	Upper
70	100		
42	28.5	22.6	33.8
101	9.8	8.3	12.5
130	20.9	17.4	26.2

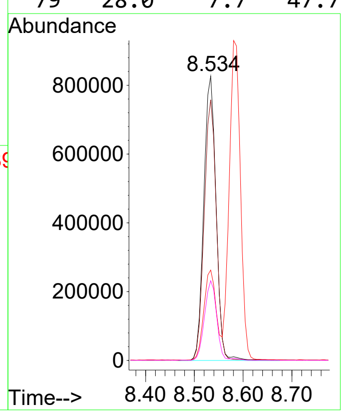




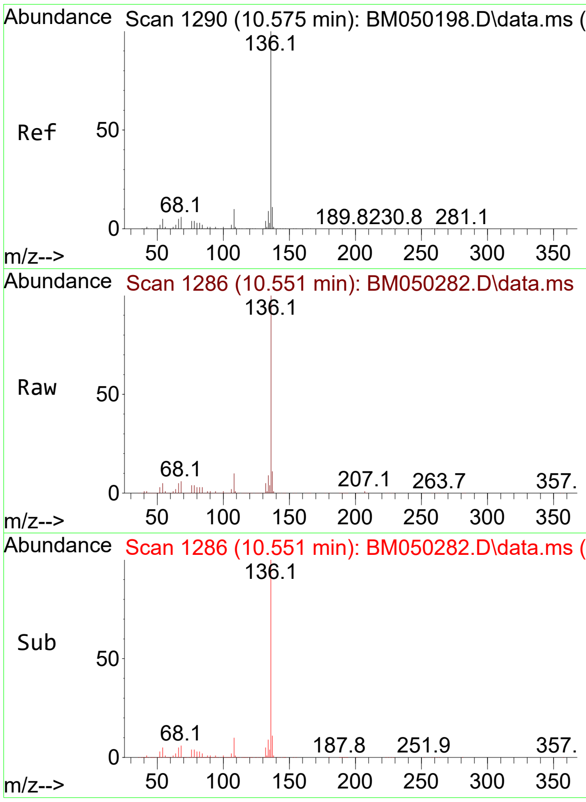
#20
3+4-Methylphenols
Concen: 45.869 ng
RT: 8.534 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:107 Resp: 1441125

Ion	Ratio	Lower	Upper
107	100		
108	91.7	70.4	110.4
77	31.8	12.2	52.2
79	28.0	7.7	47.7



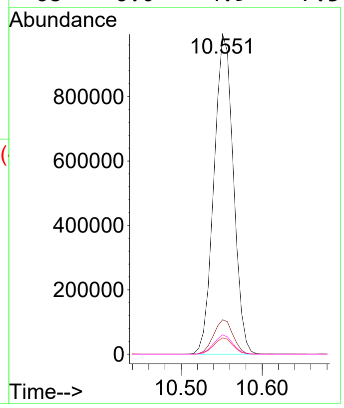
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

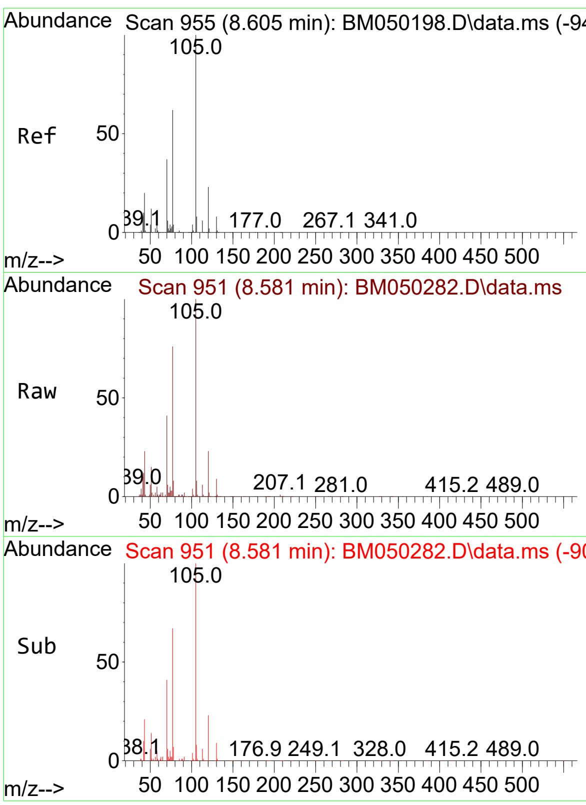


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:136 Resp: 1656086

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.1	3.8	5.8
68	6.0	4.9	7.3

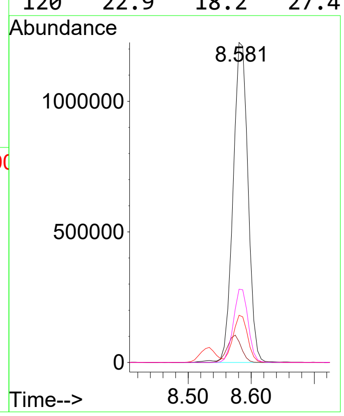




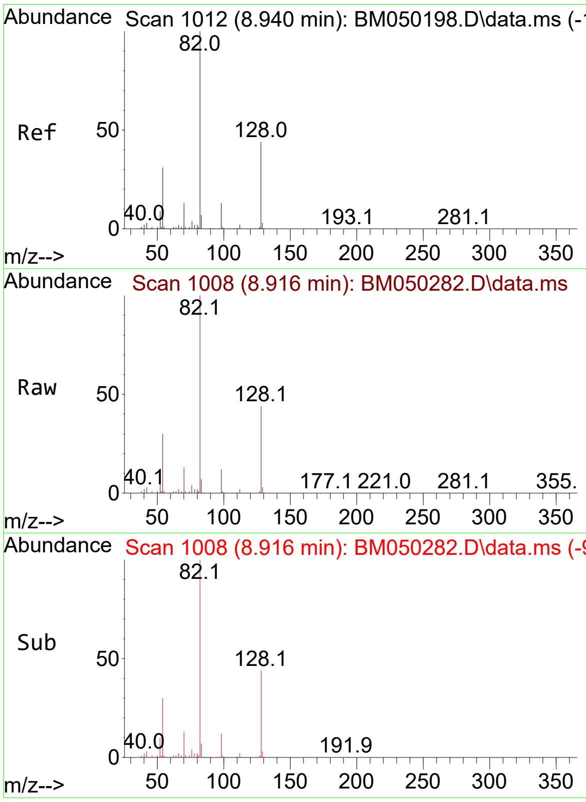
#22
Acetophenone
Concen: 48.835 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:105 Resp: 2020483

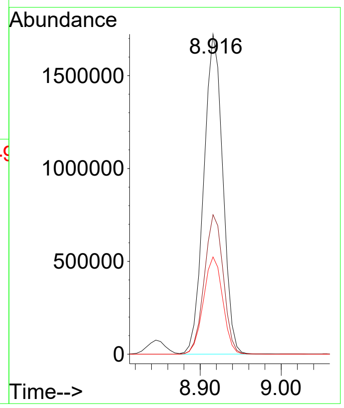
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.0	7.4
51	14.7	11.4	17.2
120	22.9	18.2	27.4

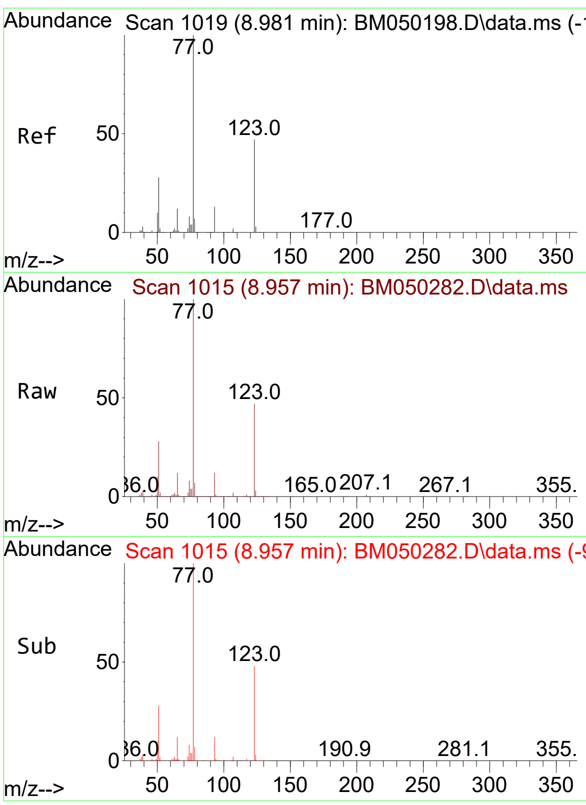


Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

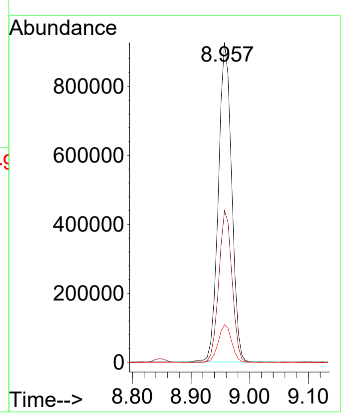



```
#23
Nitrobenzene-d5
Concen:   87.997 ng
RT:   8.916 min   Scan# 10
Delta R.T.   0.000 min
Lab File:   BM050282.D
Acq: 11 Jun 2025  20:02

Tgt Ion: 82 Resp: 2802069
Ion  Ratio   Lower   Upper
 82  100
128   43.6    35.2    52.8
 54   30.4    24.5    36.7
```

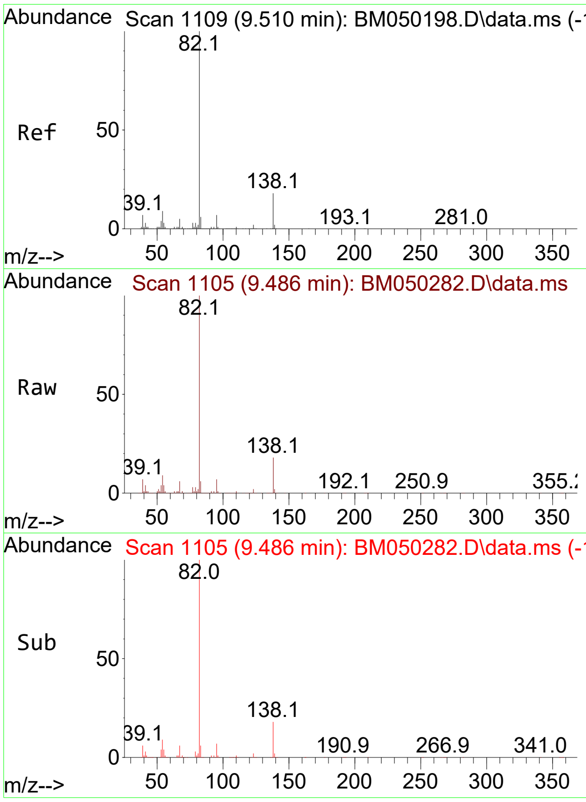





```
#24
Nitrobenzene
Concen:   50.254 ng
RT:   8.957 min   Scan# 1015
Delta R.T.   -0.006 min
Lab File:   BM050282.D
Acq: 11 Jun 2025  20:02

Tgt Ion: 77 Resp: 1455364
Ion  Ratio   Lower   Upper
 77  100
123   47.4    38.2    57.2
 65   11.8     9.5    14.3
```



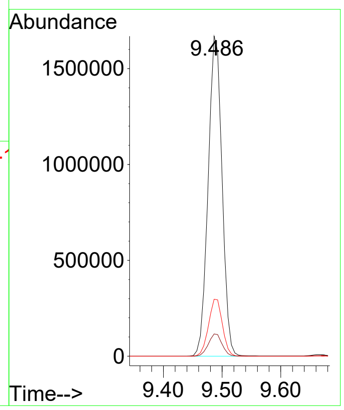
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

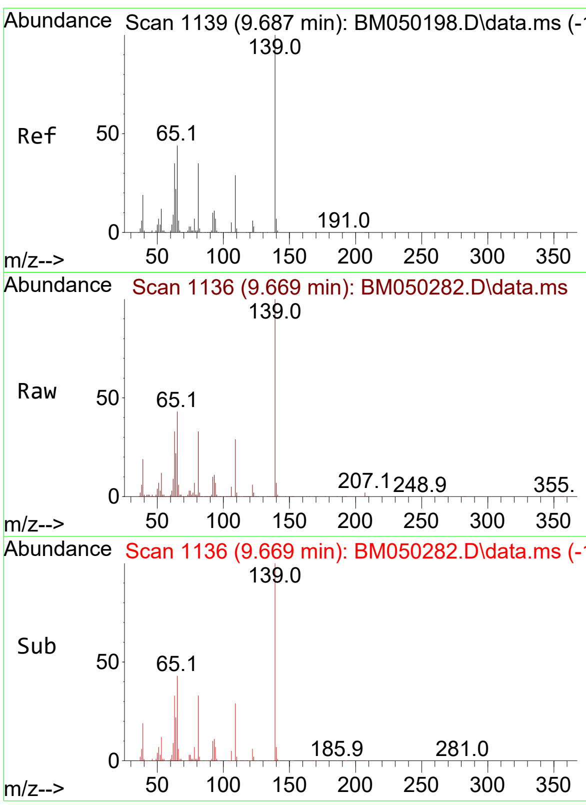


#25
Isophorone
Concen: 49.931 ng
RT: 9.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 82 Resp: 2744229

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	17.8	14.2	21.2

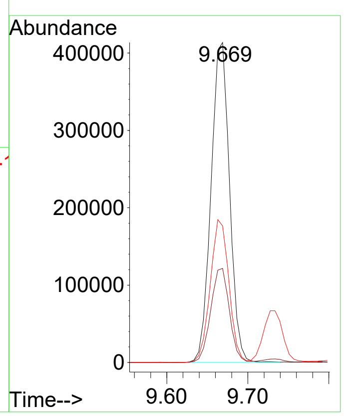




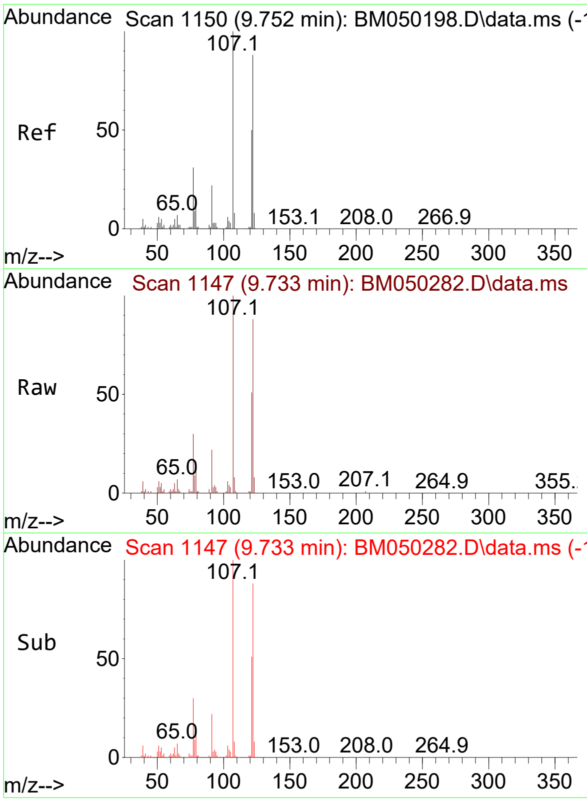
#26
2-Nitrophenol
Concen: 52.581 ng
RT: 9.669 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:139 Resp: 657319

Ion	Ratio	Lower	Upper
139	100		
109	29.4	23.3	34.9
65	42.7	35.2	52.8



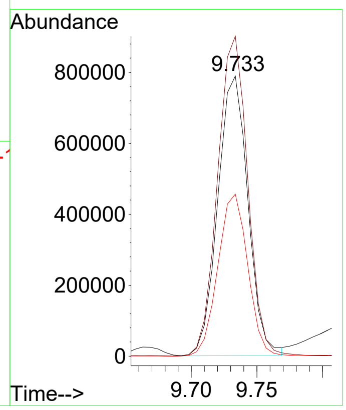
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

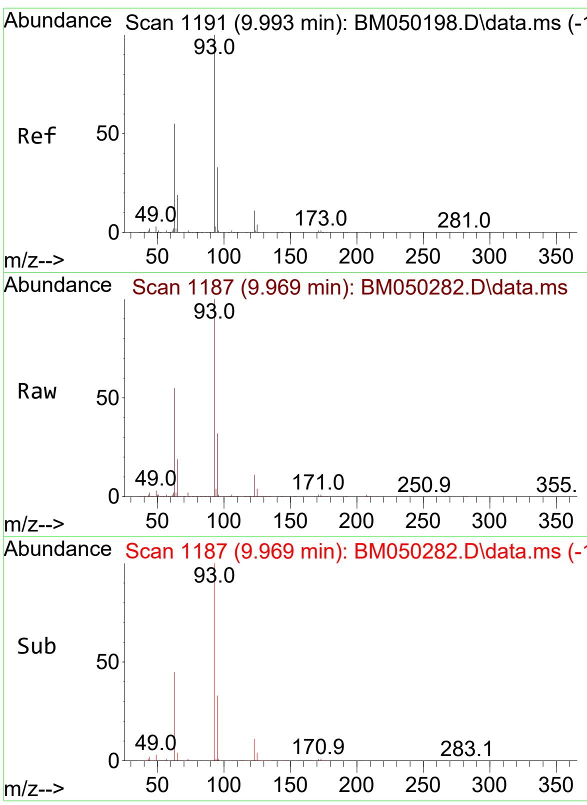


#27
2,4-Dimethylphenol
Concen: 49.154 ng
RT: 9.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:122 Resp: 1262564

Ion	Ratio	Lower	Upper
122	100		
107	114.2	91.0	136.6
121	57.8	45.8	68.6

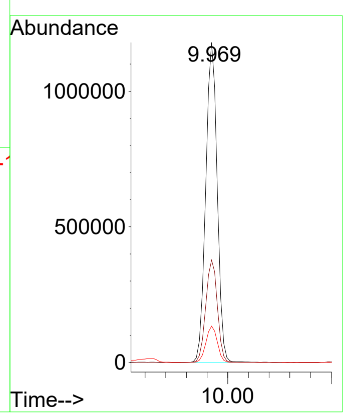




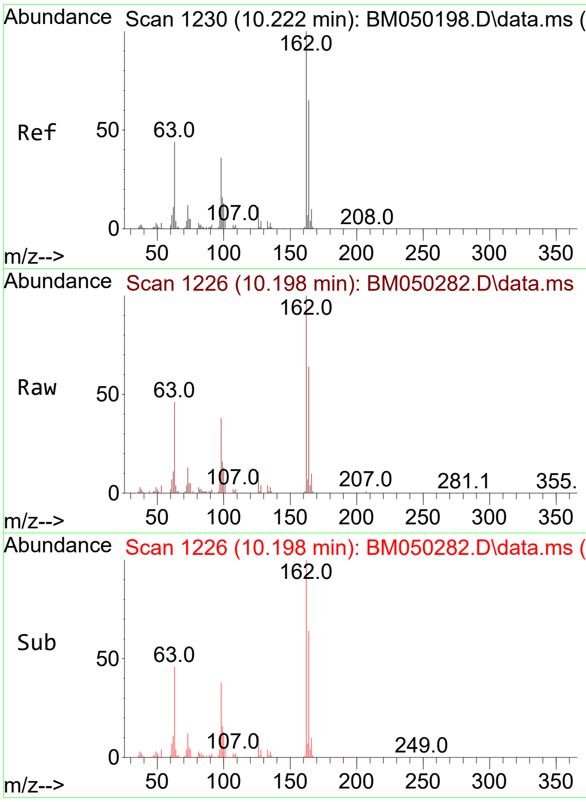
#28
bis(2-Chloroethoxy)methane
Concen: 50.488 ng
RT: 9.969 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 93 Resp: 1812743

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.4
123	11.4	8.9	13.3



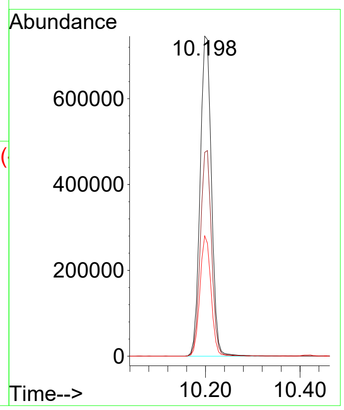
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

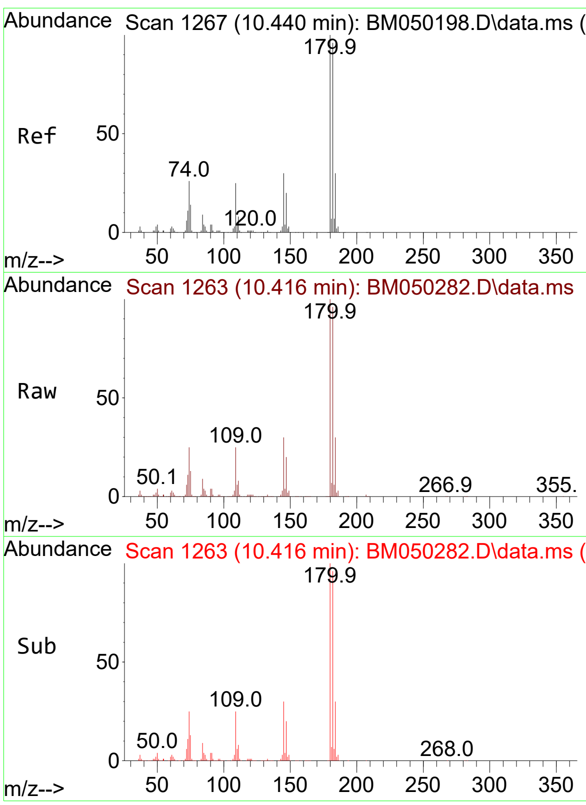


#29
2,4-Dichlorophenol
Concen: 52.277 ng
RT: 10.198 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:162 Resp: 1242582

Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.0	85.0
98	37.6	16.3	56.3

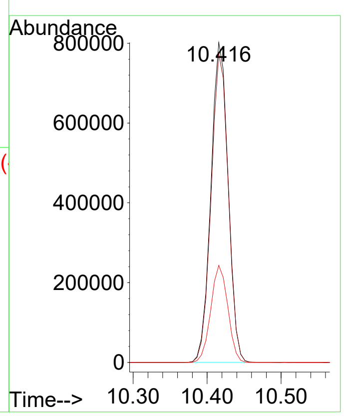




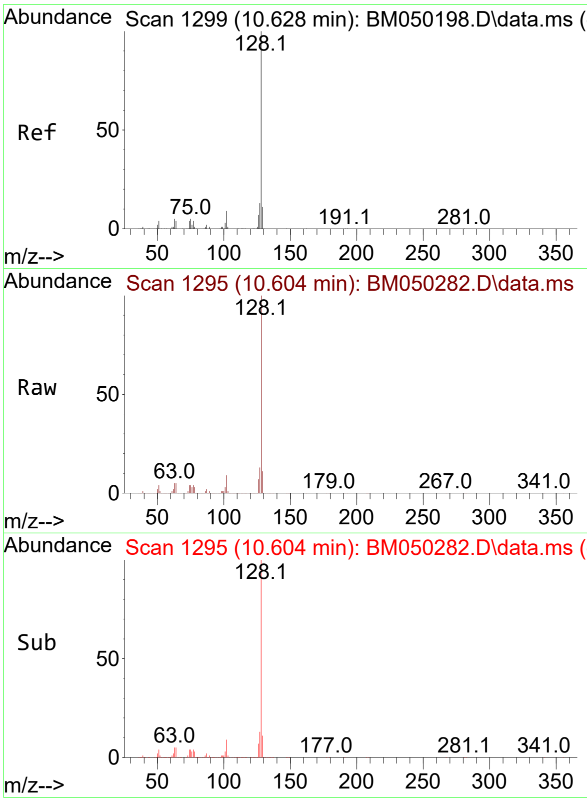
#30
1,2,4-Trichlorobenzene
Concen: 49.108 ng
RT: 10.416 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:180 Resp: 1298922

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.6	114.8
145	30.4	24.2	36.4



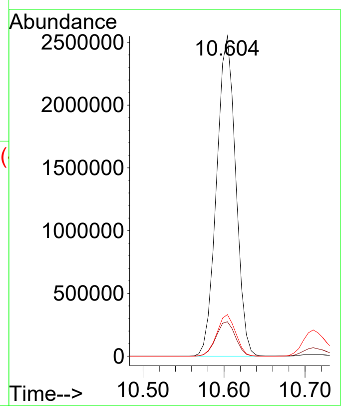
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

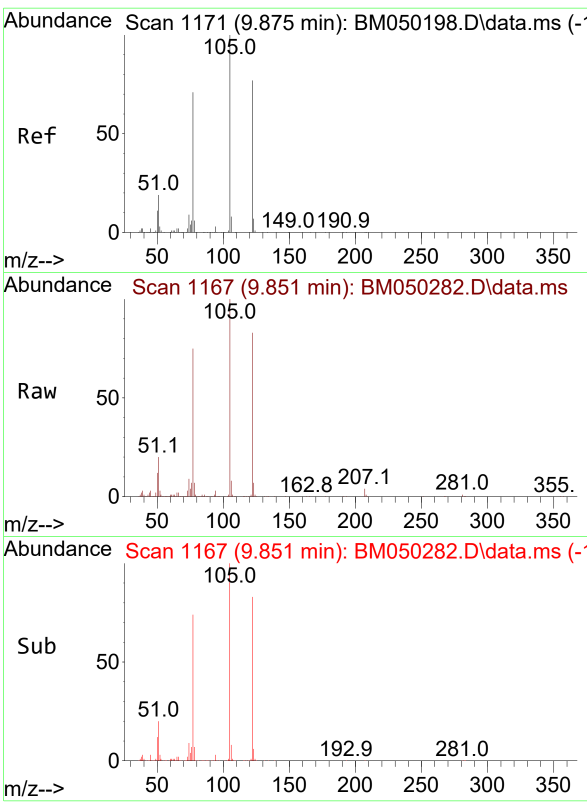


#31
Naphthalene
Concen: 48.874 ng
RT: 10.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:128 Resp: 4184727

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.0	10.2	15.4

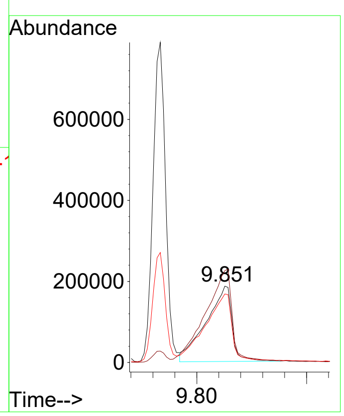




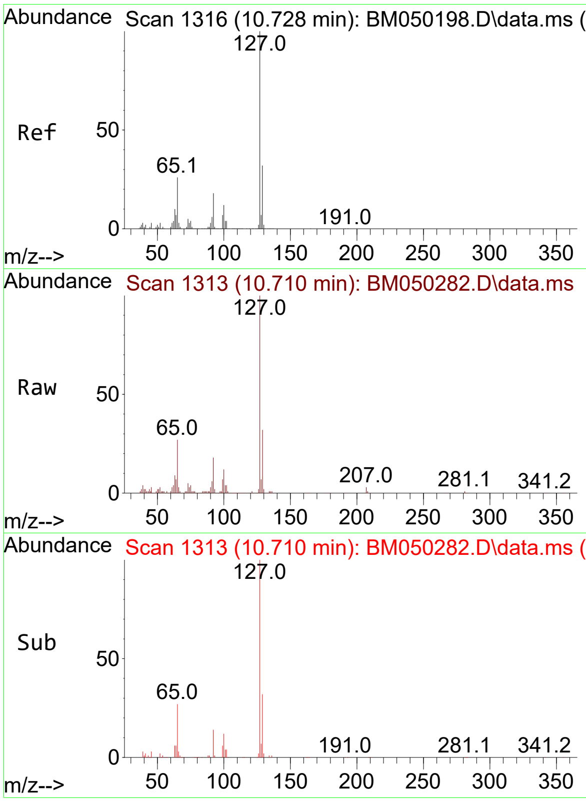
#32
Benzoic acid
Concen: 37.998 ng
RT: 9.851 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:122 Resp: 613369

Ion	Ratio	Lower	Upper
122	100		
105	120.4	103.4	143.4
77	89.7	70.3	110.3



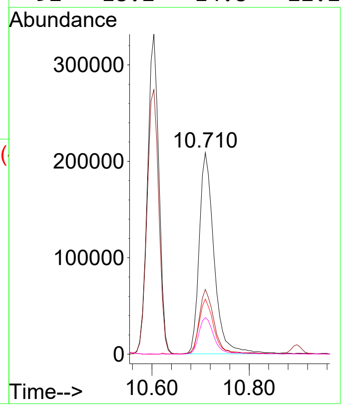
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

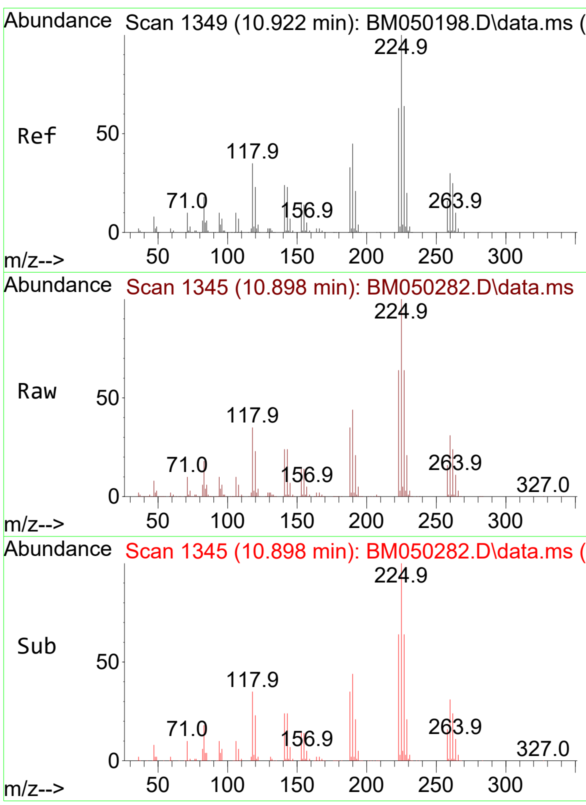


#33
4-Chloroaniline
Concen: 12.183 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:127 Resp: 444716

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.0
65	27.3	21.0	31.4
92	18.2	14.8	22.2

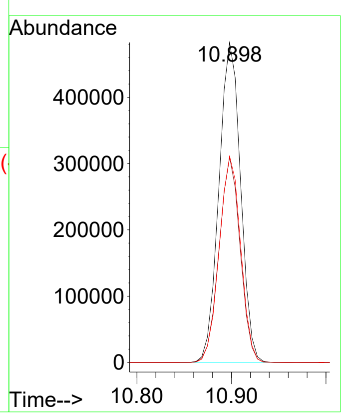




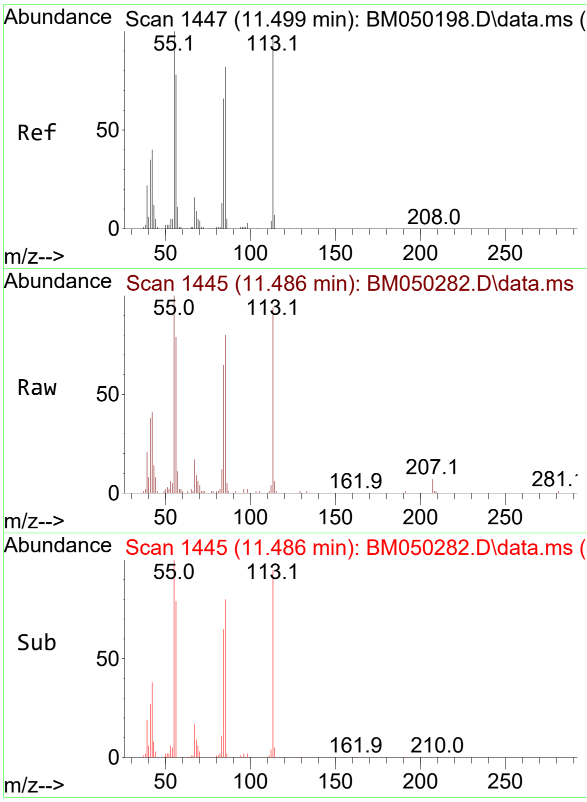
#34
Hexachlorobutadiene
Concen: 48.803 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:225 Resp: 767819

Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.2
227	64.5	51.0	76.4



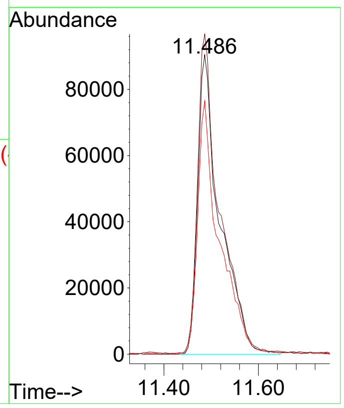
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

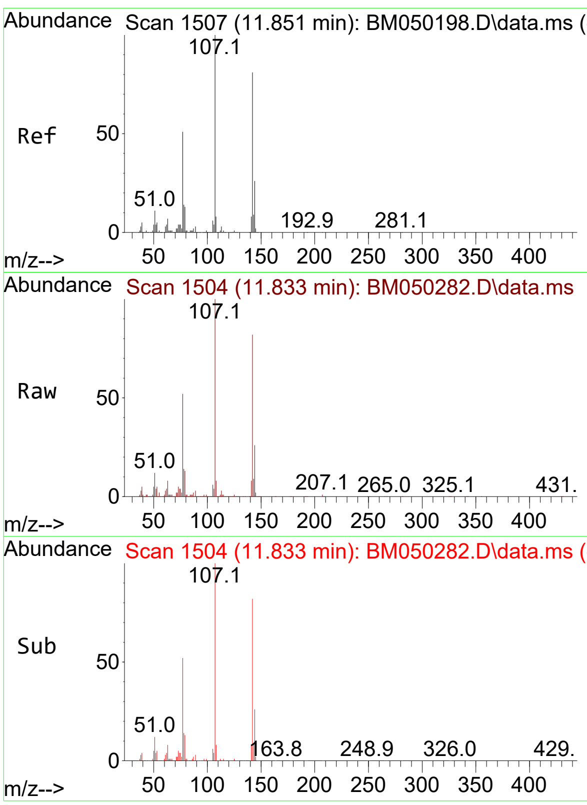


#35
Caprolactam
Concen: 38.828 ng
RT: 11.486 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:113 Resp: 292596

Ion	Ratio	Lower	Upper
113	100		
55	106.9	83.5	123.5
56	84.6	60.6	100.6

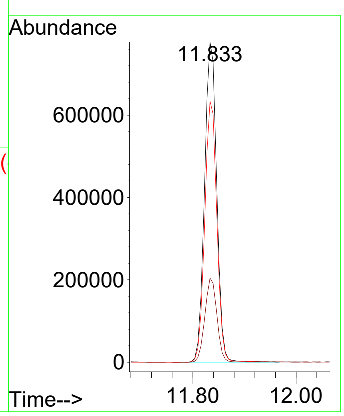




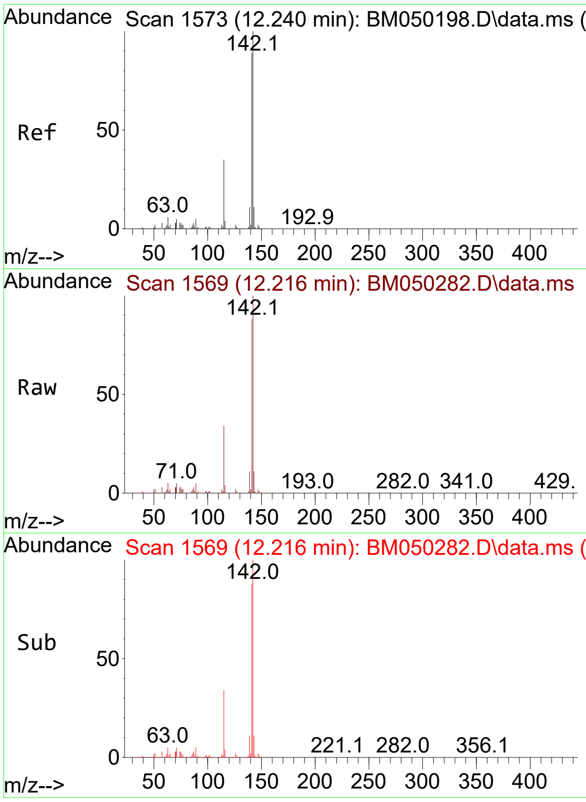
#36
4-Chloro-3-methylphenol
Concen: 50.133 ng
RT: 11.833 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:107 Resp: 1271539

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.0	31.6
142	81.6	64.8	97.2



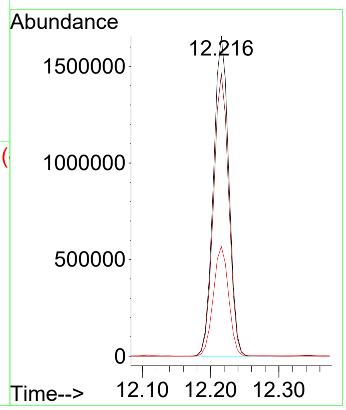
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

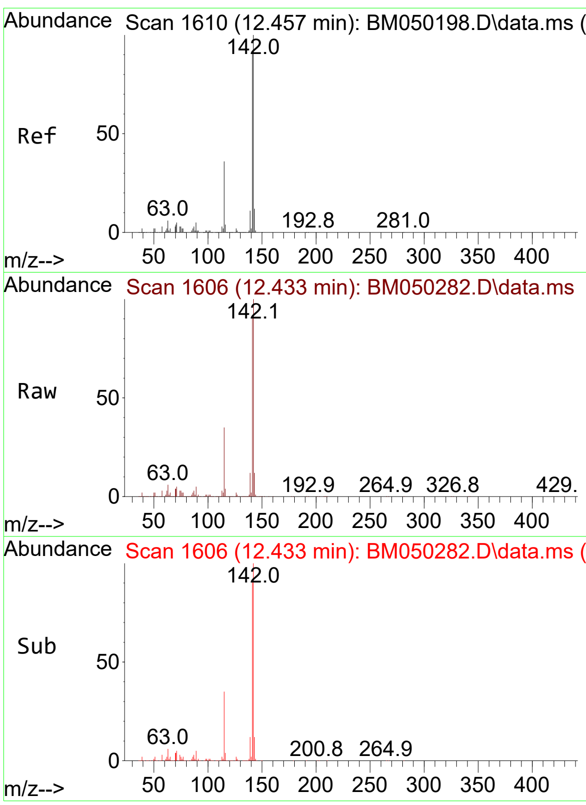


#37
2-Methylnaphthalene
Concen: 50.389 ng
RT: 12.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:142 Resp: 2602795

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.5	107.3
115	34.3	27.8	41.8

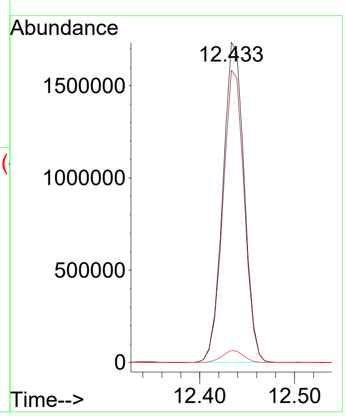




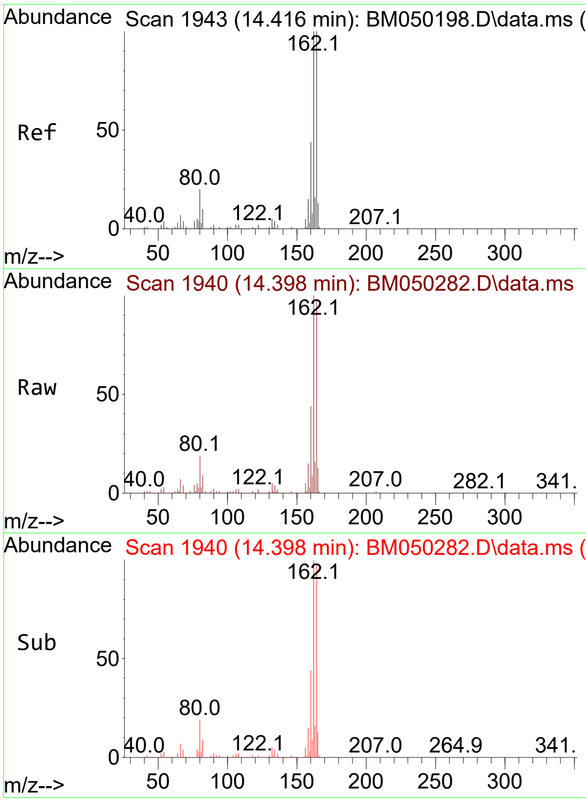
#38
1-Methylnaphthalene
Concen: 49.615 ng
RT: 12.433 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:142 Resp: 2720090

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.9	109.3
116	3.7	3.0	4.6



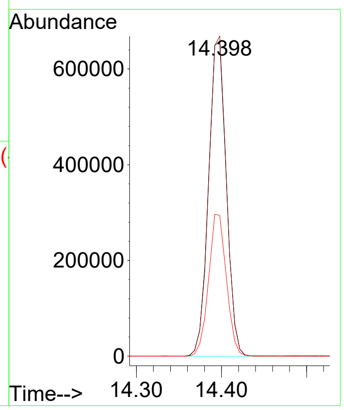
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

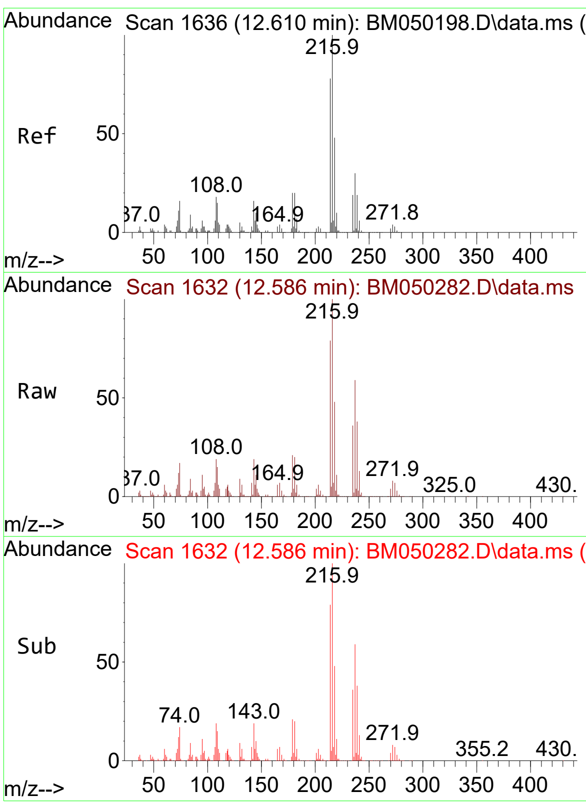


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:164 Resp: 962021

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.4
160	44.7	35.7	53.5

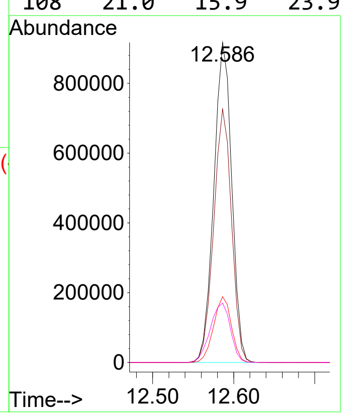




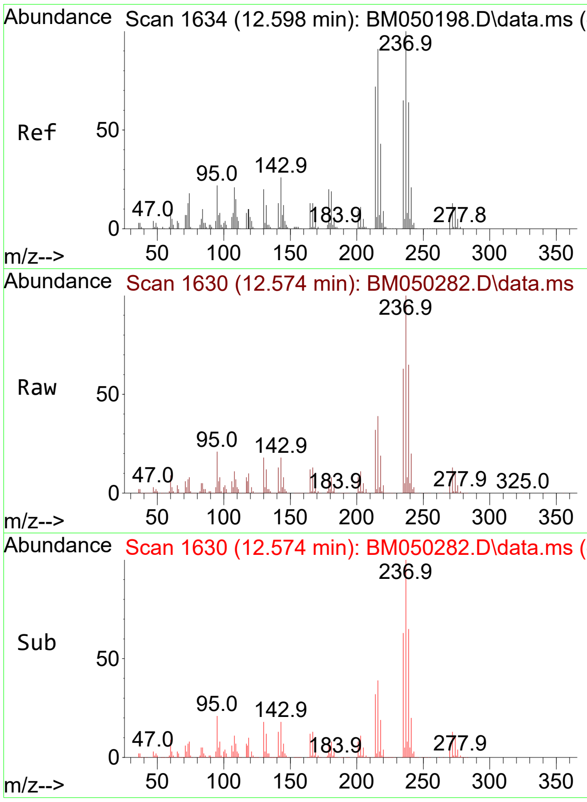
#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.791 ng
RT: 12.586 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:216 Resp: 1410949

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	20.5	16.6	25.0
108	21.0	15.9	23.9



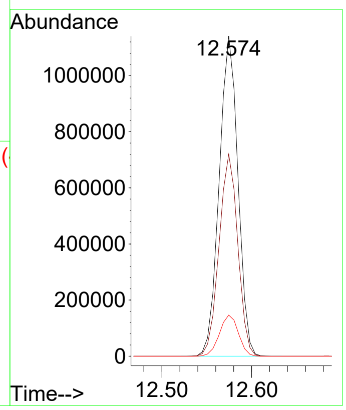
Instrument : BNA_M
ClientSampleId : ARS20-0032MSD

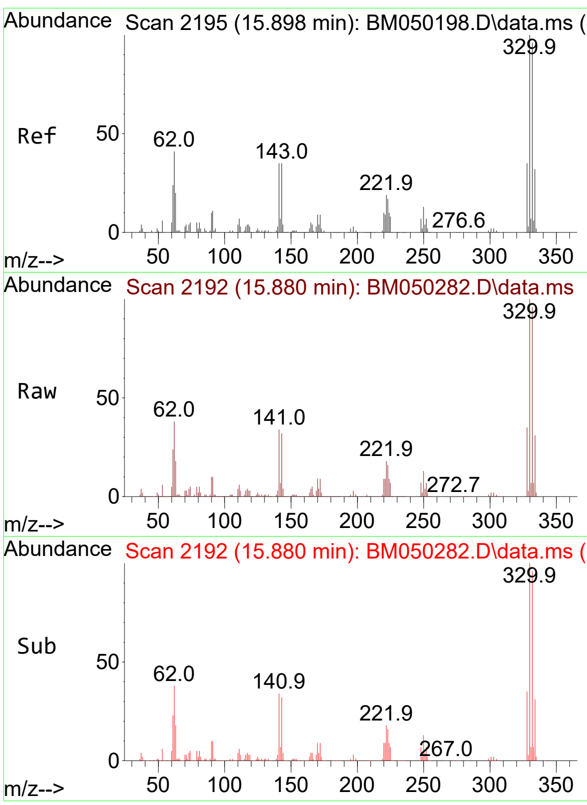


#41
Hexachlorocyclopentadiene
Concen: 98.064 ng
RT: 12.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:237 Resp: 1654385

Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.6	84.6
272	12.8	0.0	33.1

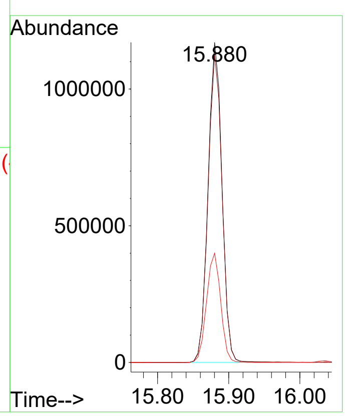




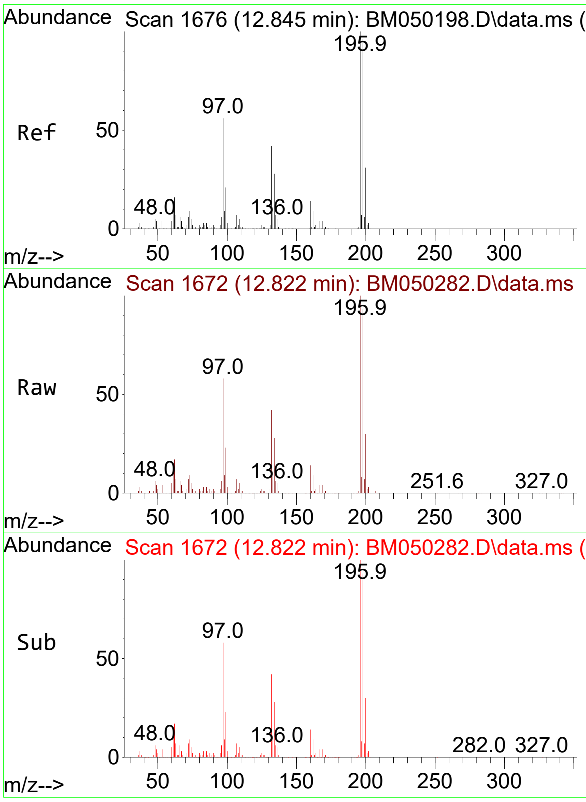
#42
2,4,6-Tribromophenol
Concen: 146.430 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:330 Resp: 1602285

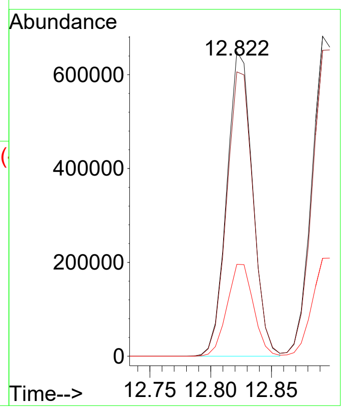
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.5	116.3
141	34.8	28.8	43.2

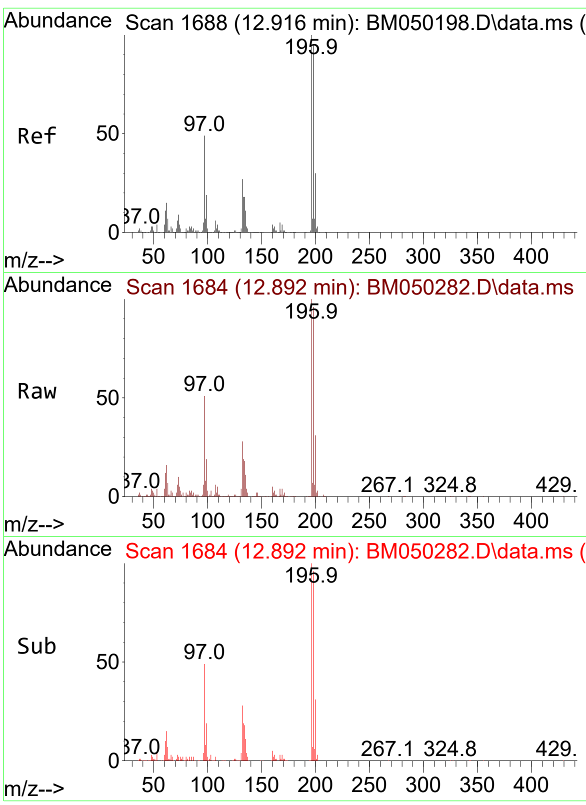


Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

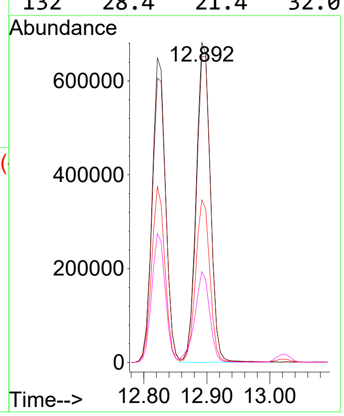



```
#43
2,4,6-Trichlorophenol
Concen:   52.666 ng
RT:  12.822 min  Scan# 1
Delta R.T.   -0.006 min
Lab File:    BM050282.D
Acq: 11 Jun 2025  20:02

Tgt Ion:196 Resp:  962110
Ion  Ratio  Lower  Upper
196  100
198   93.3   76.6  115.0
200   30.1   24.5   36.7
```

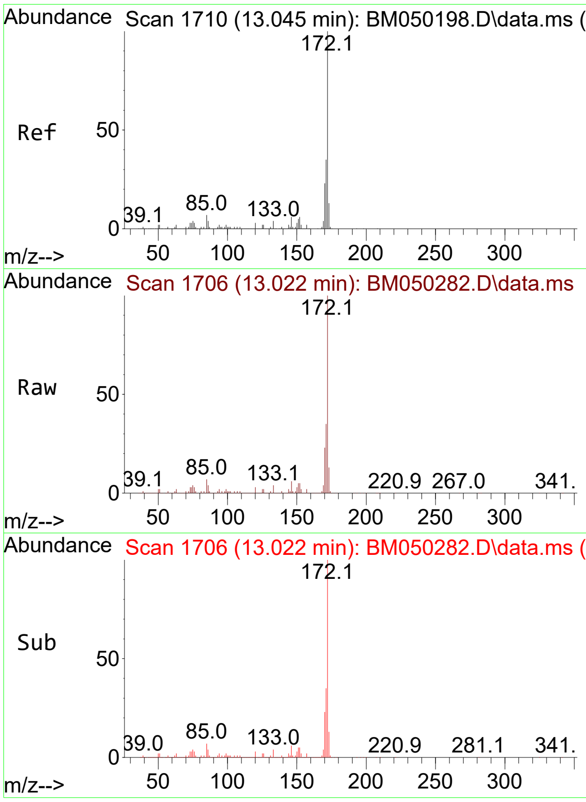





```
#44
2,4,5-Trichlorophenol
Concen:   53.089 ng
RT:  12.892 min  Scan# 1684
Delta R.T.   -0.006 min
Lab File:    BM050282.D
Acq: 11 Jun 2025  20:02

Tgt Ion:196 Resp: 1064817
Ion  Ratio  Lower  Upper
196  100
198   95.6   76.1  114.1
 97   50.8   39.3   58.9
132   28.4   21.4   32.0
```



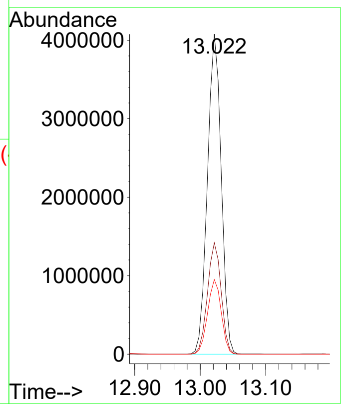
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

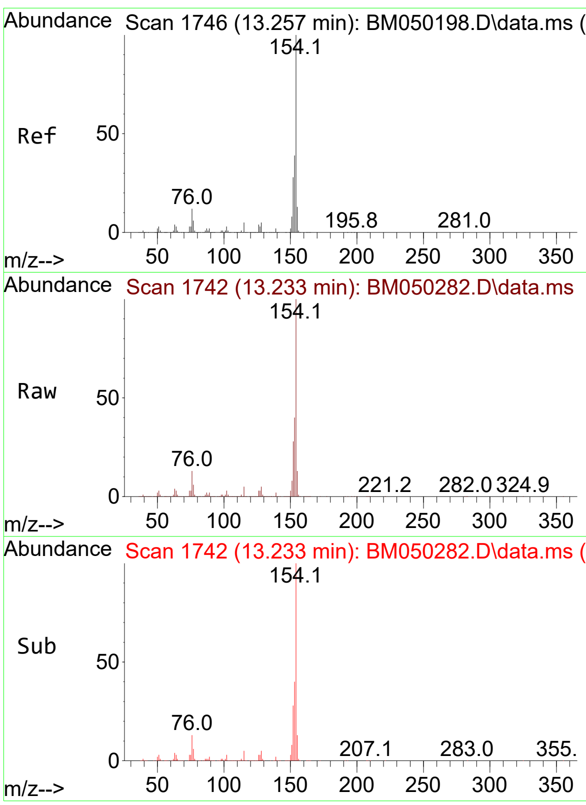


#45
2-Fluorobiphenyl
Concen: 84.236 ng
RT: 13.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:172 Resp: 5985627

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	27.8

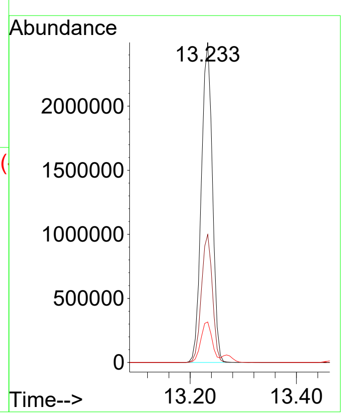




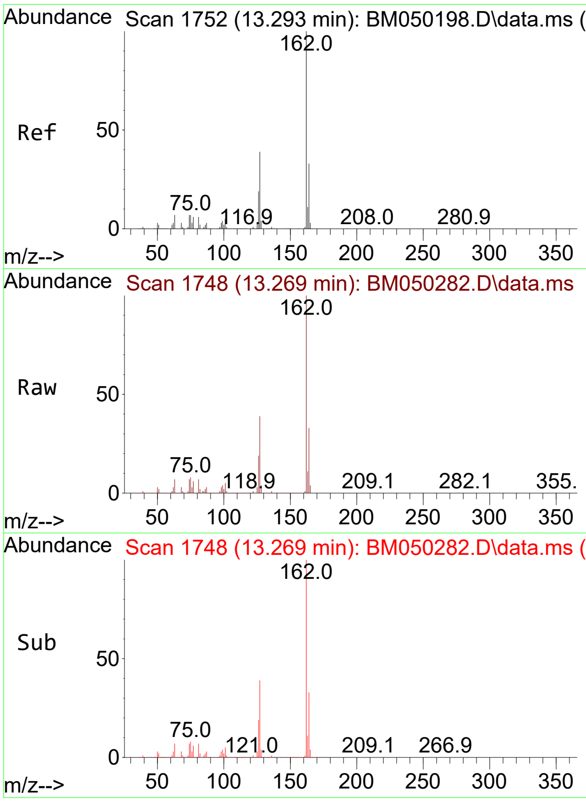
#46
1,1'-Biphenyl
Concen: 50.120 ng
RT: 13.233 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:154 Resp: 3610425

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.2	59.2
76	12.7	0.0	32.0



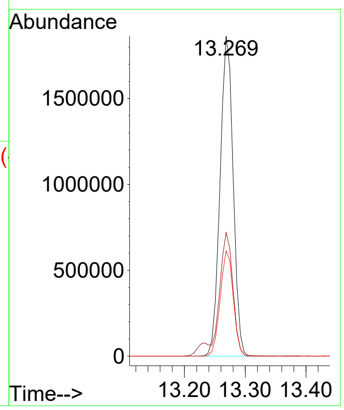
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

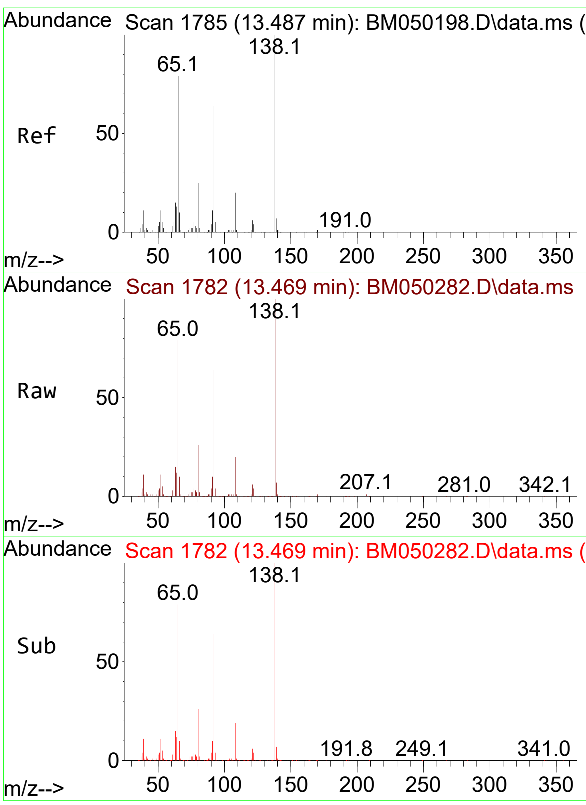


#47
2-Chloronaphthalene
Concen: 49.707 ng
RT: 13.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:162 Resp: 2783712

Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.1	46.7
164	32.9	26.5	39.7

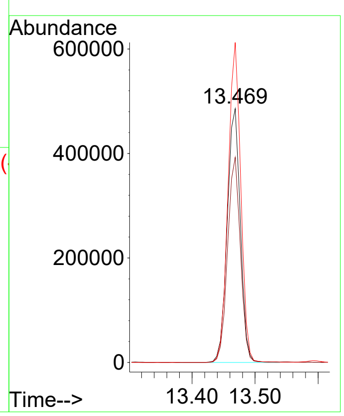




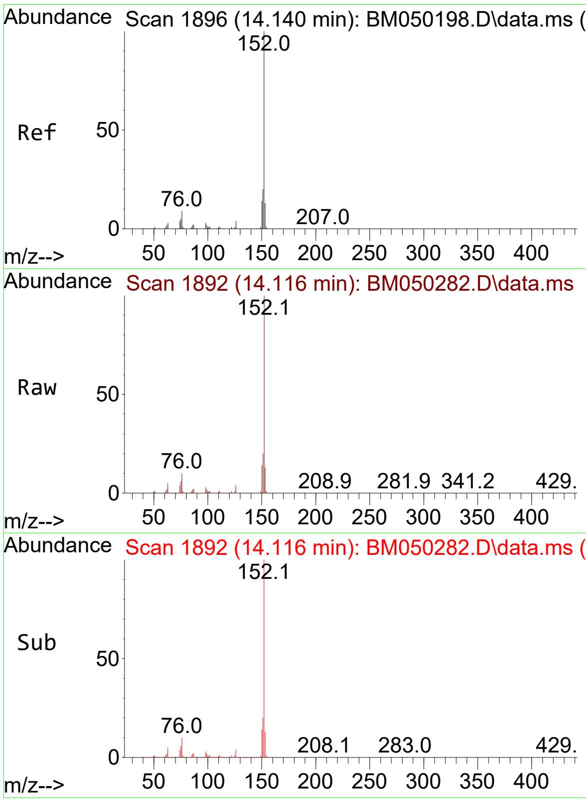
#48
2-Nitroaniline
Concen: 57.214 ng
RT: 13.469 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 65 Resp: 705117

Ion	Ratio	Lower	Upper
65	100		
92	80.8	64.2	96.4
138	126.1	101.0	151.4



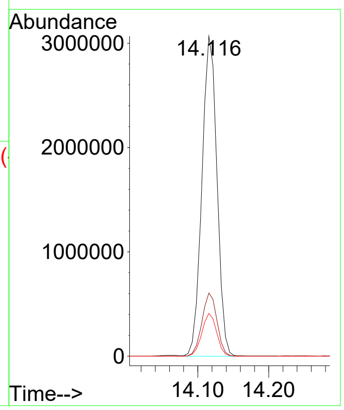
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

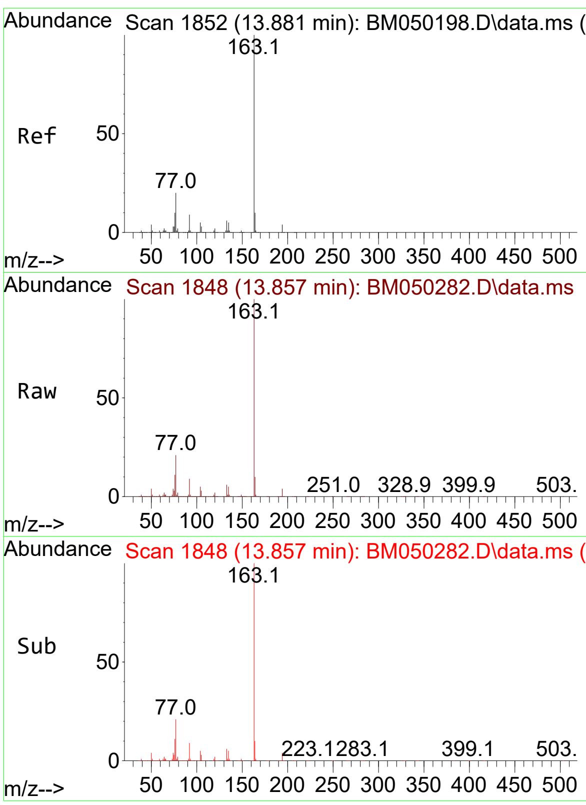


#49
Acenaphthylene
Concen: 50.055 ng
RT: 14.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:152 Resp: 4534055

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.4	10.4	15.6

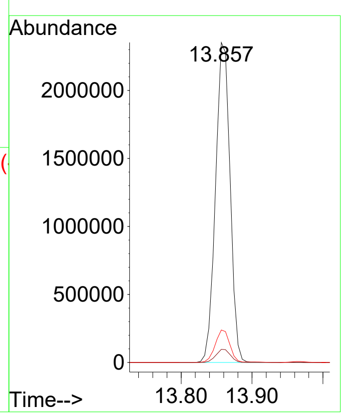




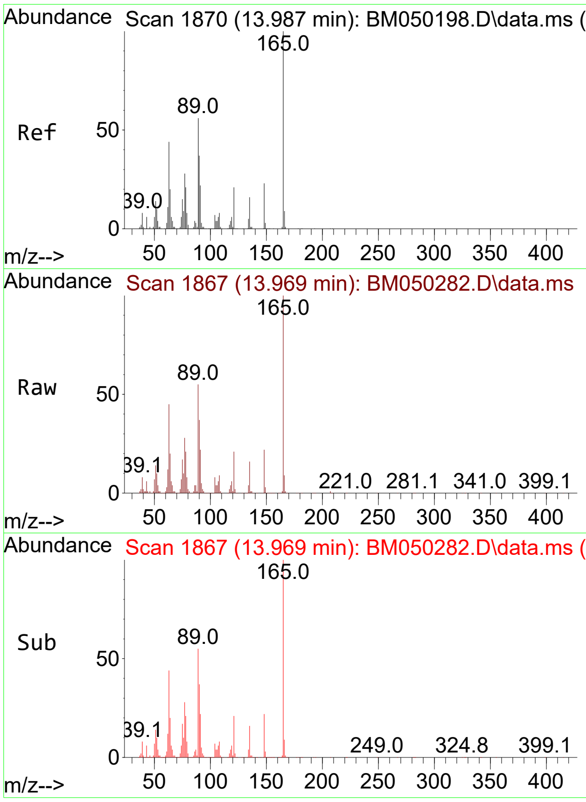
#50
Dimethylphthalate
Concen: 51.468 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:163 Resp: 3348601

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	7.9	11.9



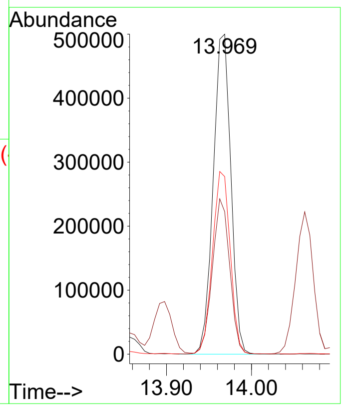
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

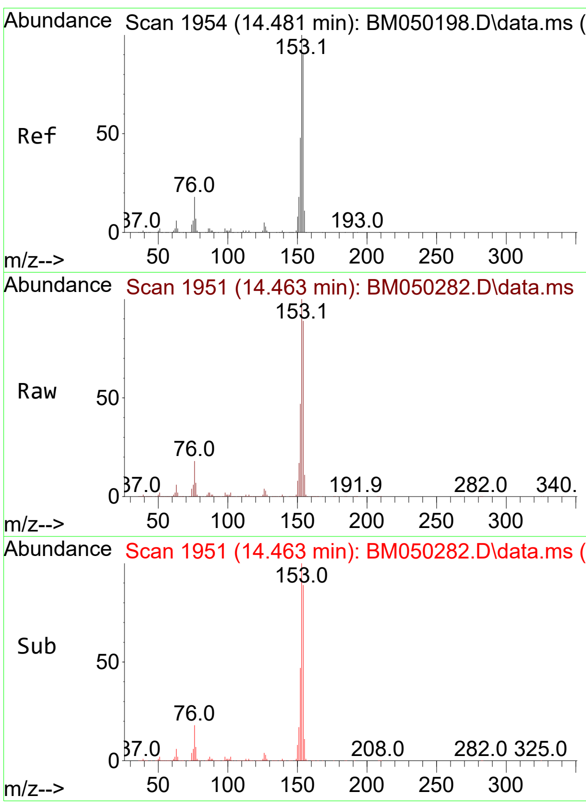


#51
2,6-Dinitrotoluene
Concen: 55.000 ng
RT: 13.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:165 Resp: 721633

Ion	Ratio	Lower	Upper
165	100		
63	44.5	35.8	53.6
89	55.5	44.8	67.2

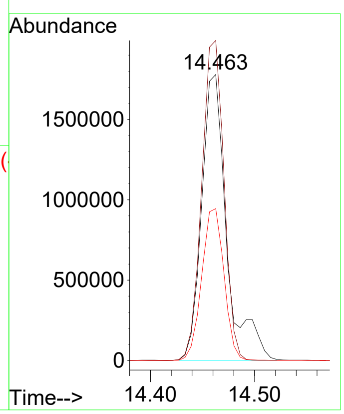




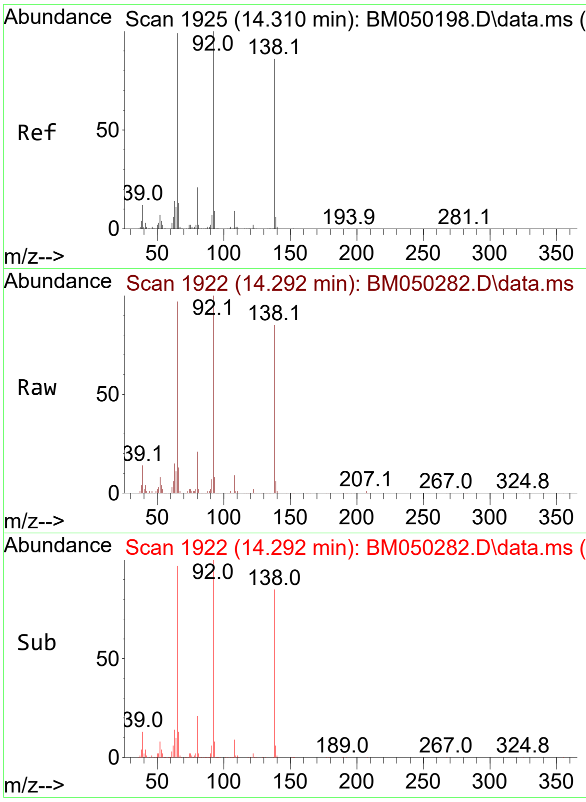
#52
Acenaphthene
Concen: 52.638 ng m
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:154 Resp: 2982292

Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.7	133.1
152	53.1	42.6	63.8



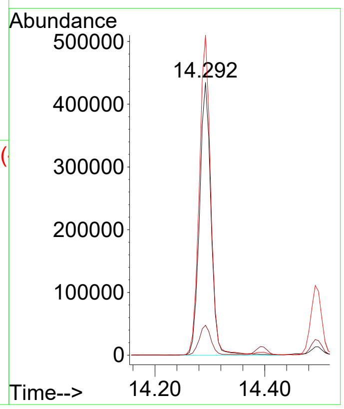
Instrument : BNA_M
ClientSampleId : ARS20-0032MSD

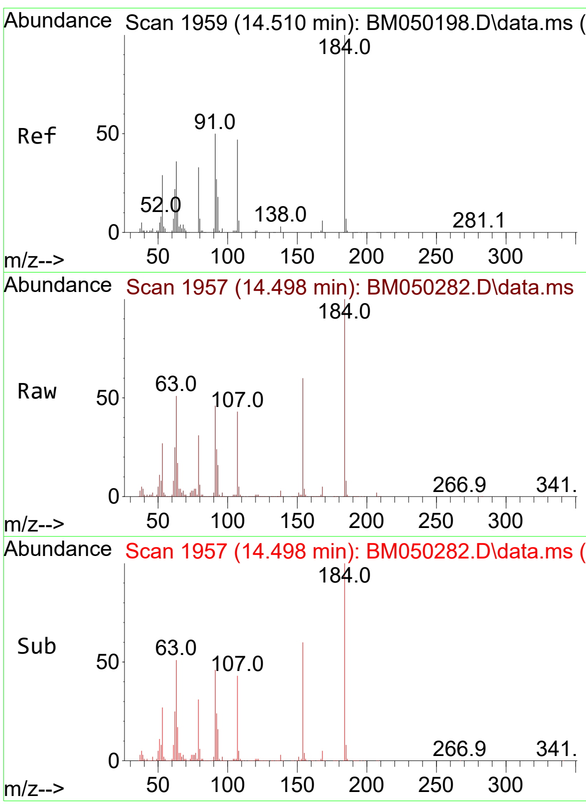


#53
3-Nitroaniline
Concen: 43.072 ng
RT: 14.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:138 Resp: 629839

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	117.3	92.9	139.3

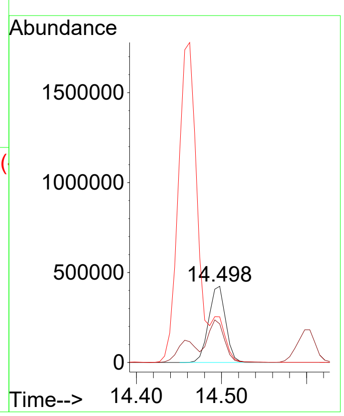




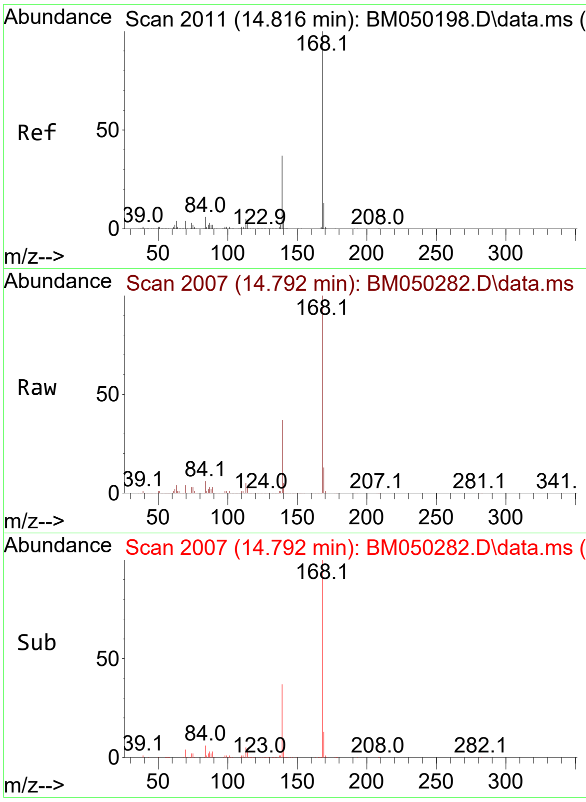
#54
2,4-Dinitrophenol
Concen: 75.764 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:184 Resp: 589758

Ion	Ratio	Lower	Upper
184	100		
63	50.6	45.3	67.9
154	60.0	54.3	81.5



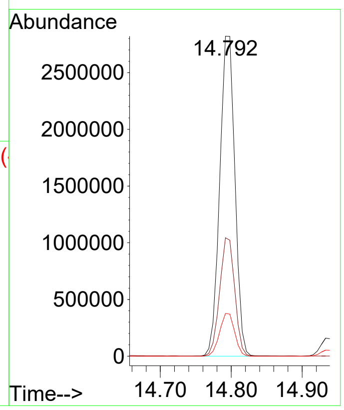
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

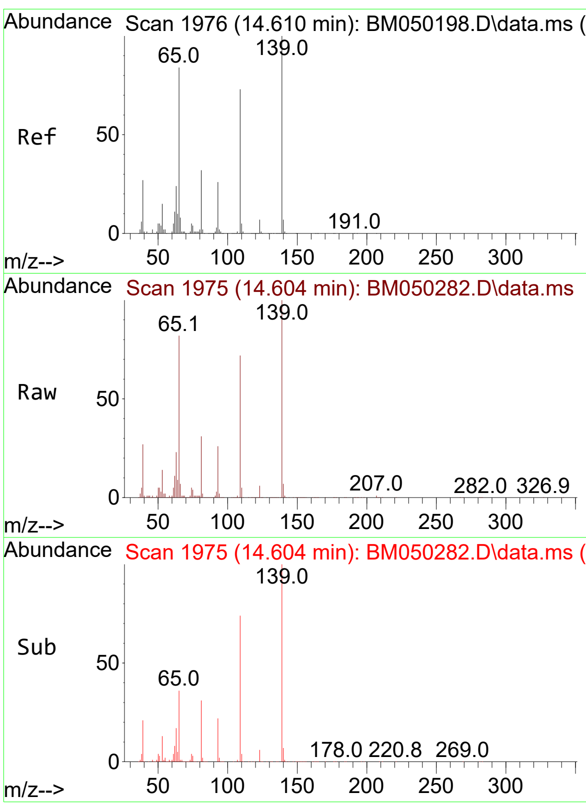


#55
Dibenzofuran
Concen: 50.399 ng
RT: 14.792 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:168 Resp: 4177490

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.9	44.9
169	13.3	10.6	16.0

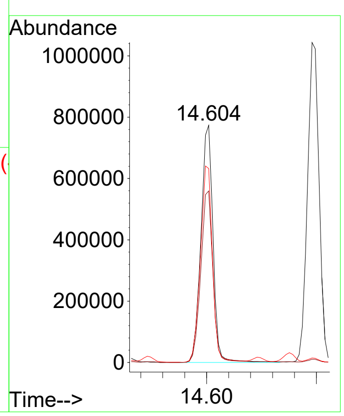




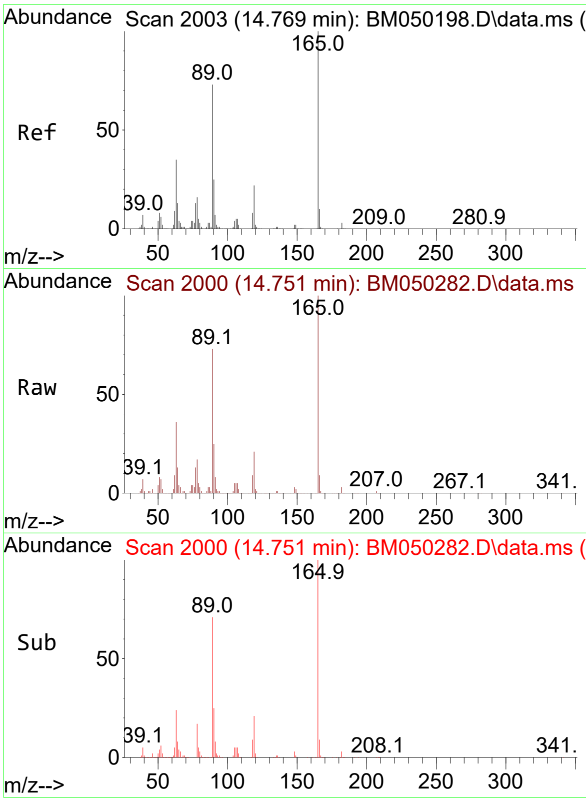
#56
4-Nitrophenol
Concen: 95.343 ng
RT: 14.604 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:139 Resp: 1186660

Ion	Ratio	Lower	Upper
139	100		
109	72.3	52.6	92.6
65	81.8	64.3	104.3



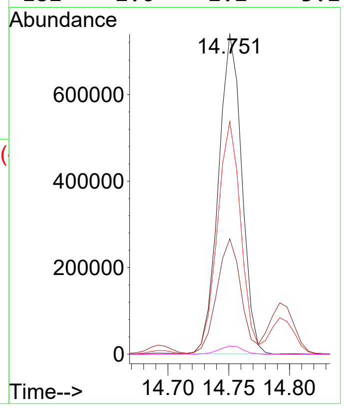
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

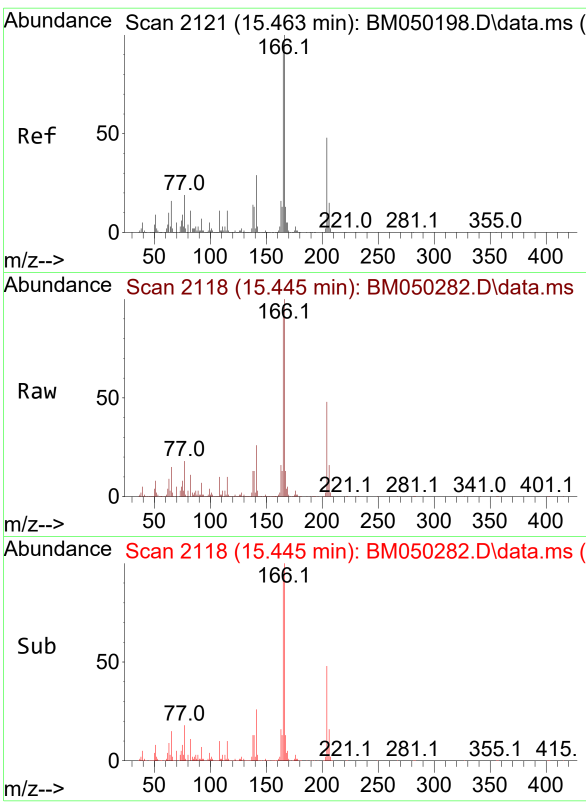


#57
2,4-Dinitrotoluene
Concen: 57.173 ng
RT: 14.751 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:165 Resp: 989545

Ion	Ratio	Lower	Upper
165	100		
63	36.0	28.4	42.6
89	72.7	58.0	87.0
182	2.6	2.2	3.2

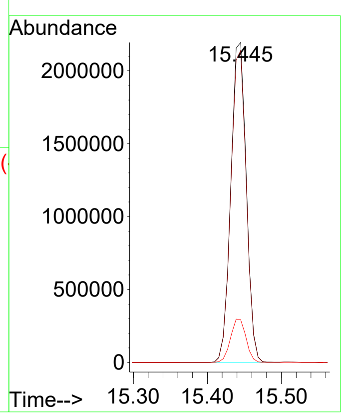




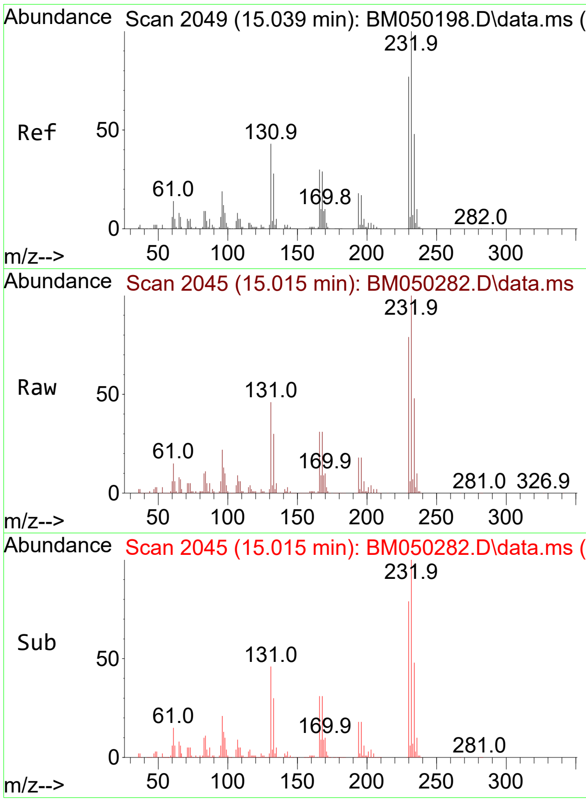
#58
Fluorene
Concen: 50.333 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:166 Resp: 3195447

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.0	115.4
167	13.4	10.7	16.1



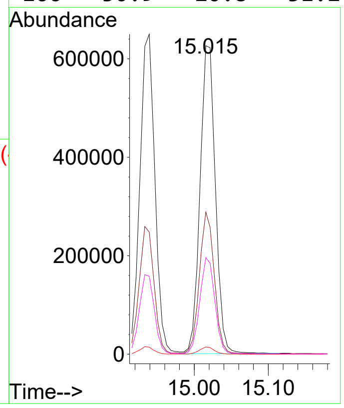
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

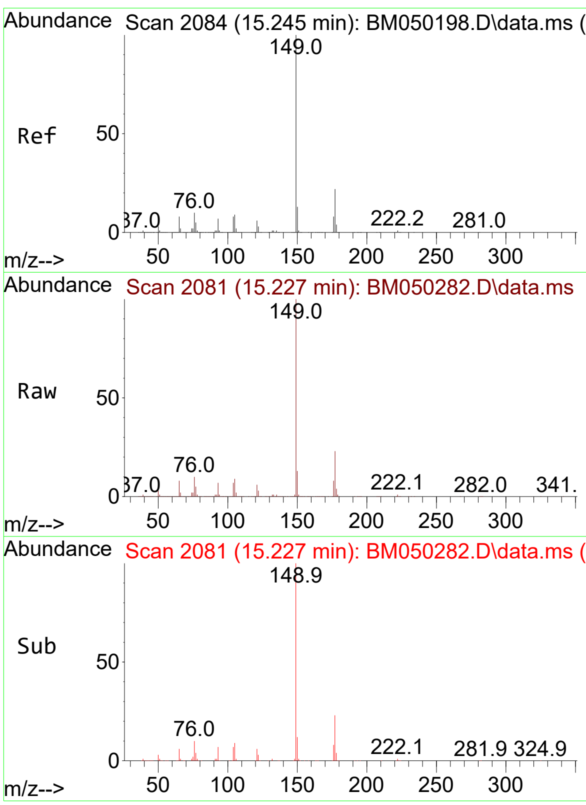


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.991 ng
RT: 15.015 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:232 Resp: 902223

Ion	Ratio	Lower	Upper
232	100		
131	44.9	32.9	49.3
130	2.3	1.8	2.8
166	30.9	20.8	31.2

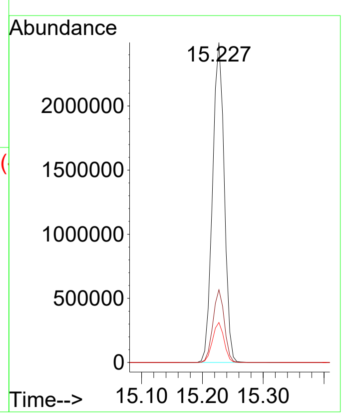




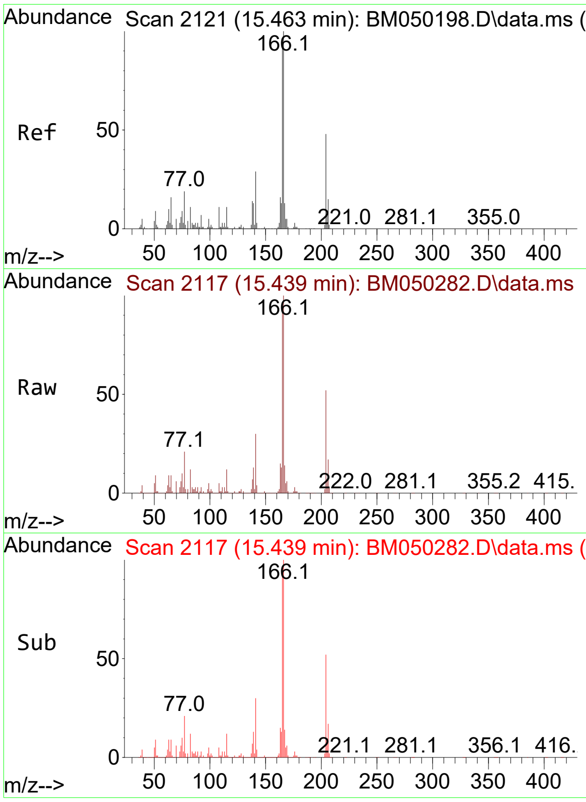
#60
Diethylphthalate
Concen: 51.763 ng
RT: 15.227 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:149 Resp: 3341515

Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.2	25.8
150	12.5	10.0	15.0



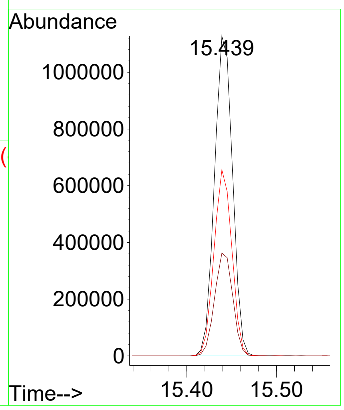
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

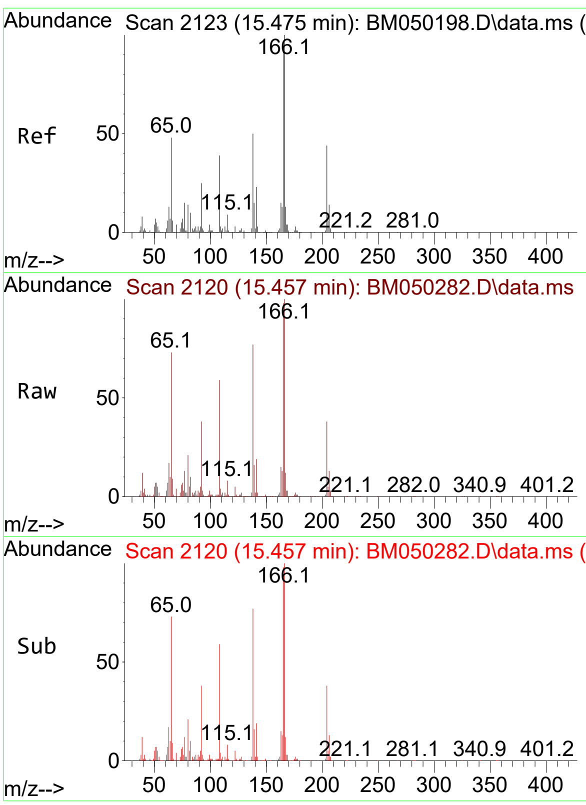


#61
4-Chlorophenyl-phenylether
Concen: 51.459 ng
RT: 15.439 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:204 Resp: 1578907

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.4	38.0
141	58.2	47.9	71.9

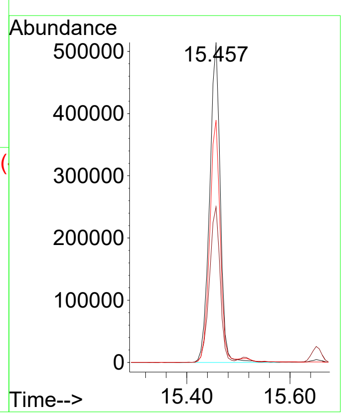




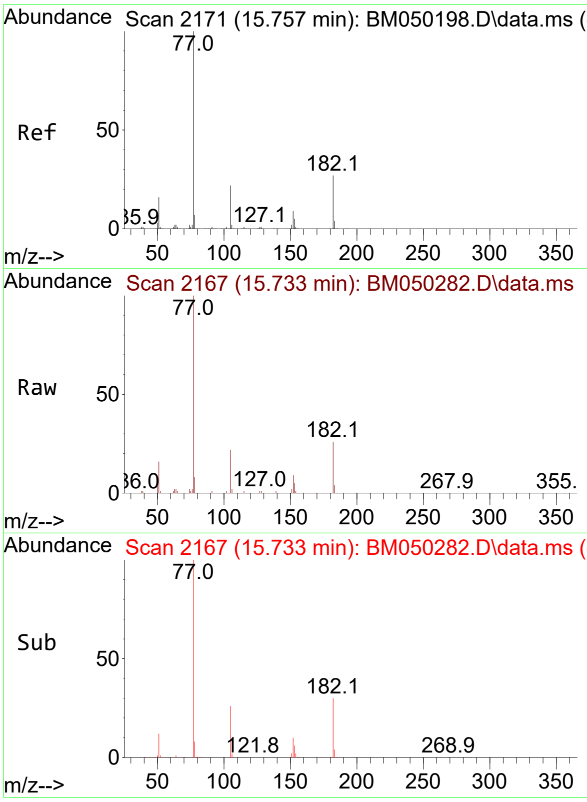
#62
4-Nitroaniline
Concen: 53.927 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:138 Resp: 739103

Ion	Ratio	Lower	Upper
138	100		
92	48.7	28.8	68.8
108	75.7	58.1	98.1



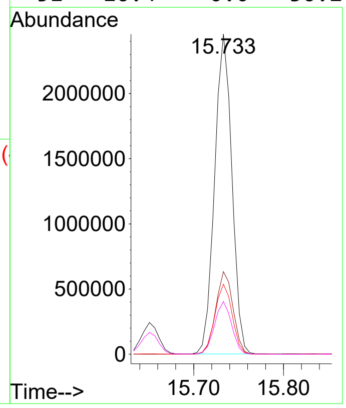
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

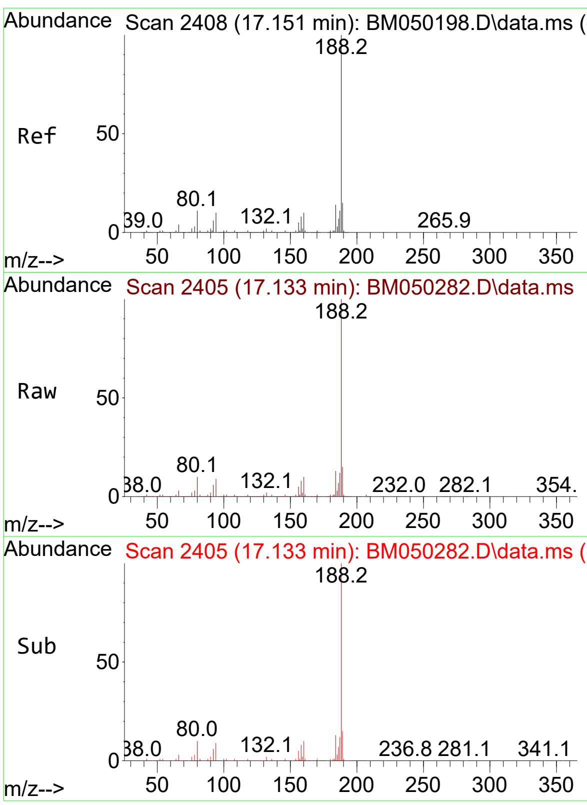


#63
Azobenzene
Concen: 50.772 ng
RT: 15.733 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion: 77 Resp: 3275968

Ion	Ratio	Lower	Upper
77	100		
182	25.8	6.8	46.8
105	21.8	1.7	41.7
51	16.4	0.0	36.2

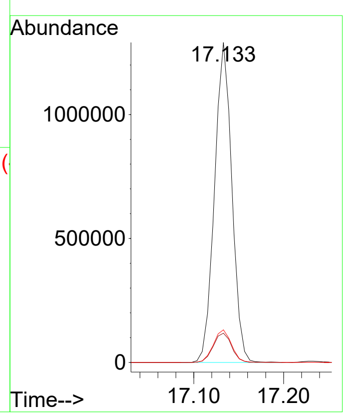




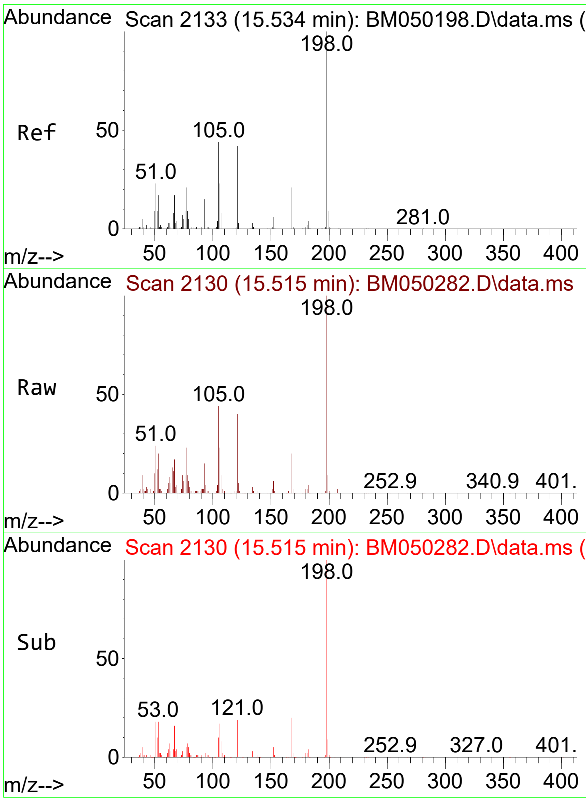
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:188 Resp: 1732540

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.1	12.1
80	10.2	8.6	13.0



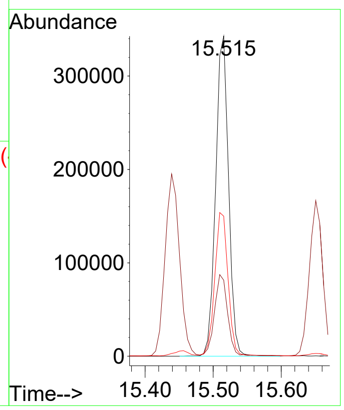
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

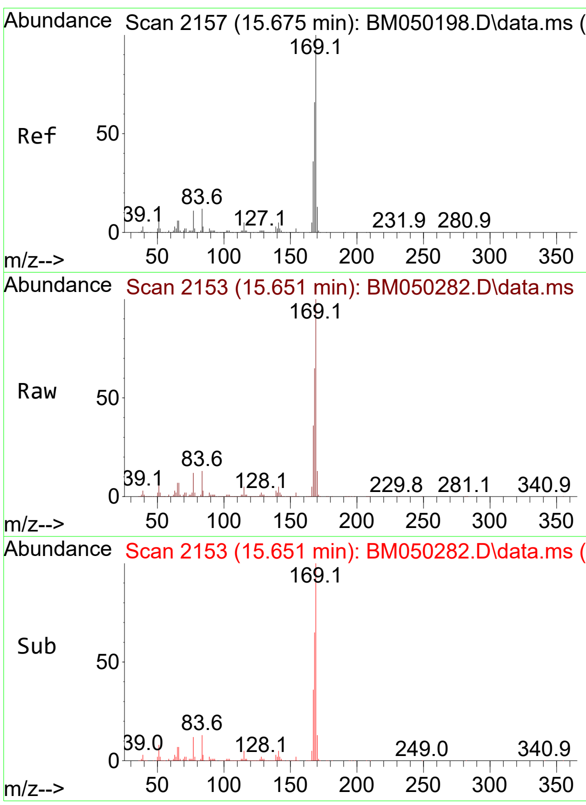


#65
4,6-Dinitro-2-methylphenol
Concen: 47.912 ng
RT: 15.515 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:198 Resp: 453381

Ion	Ratio	Lower	Upper
198	100		
51	23.7	4.5	44.5
105	43.7	24.9	64.9

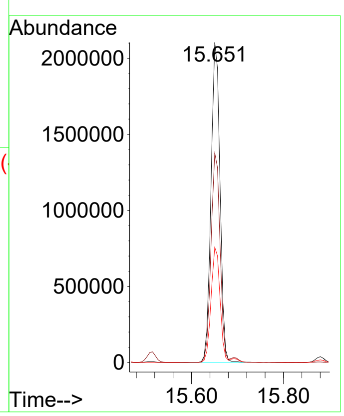




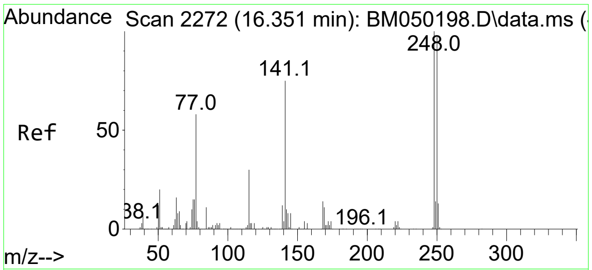
#66
n-Nitrosodiphenylamine
Concen: 52.672 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

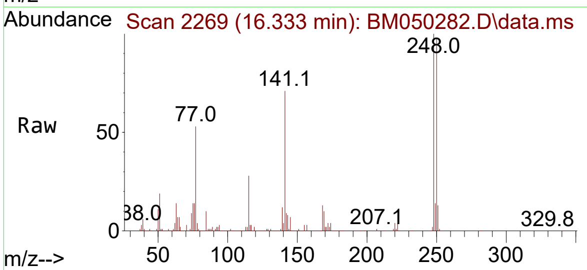
Tgt Ion:169 Resp: 2867339

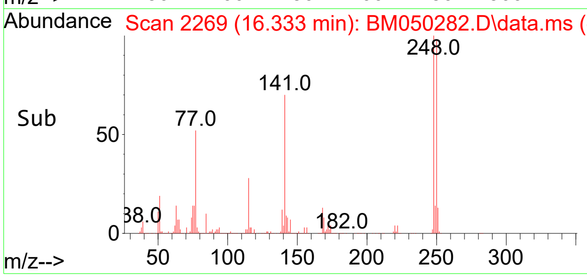
Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.1	79.7
167	36.0	29.0	43.6



Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD



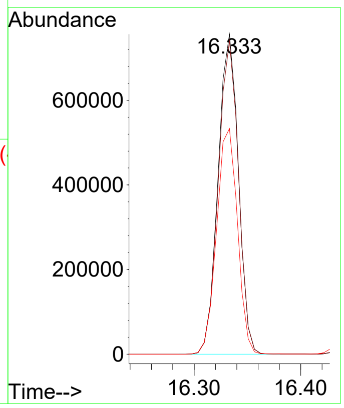


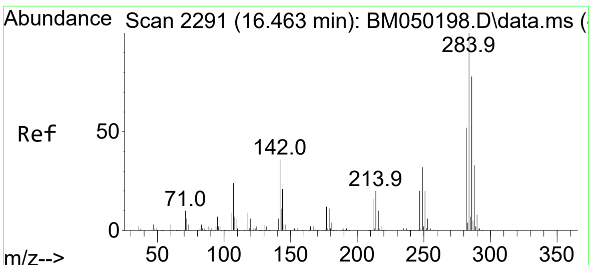


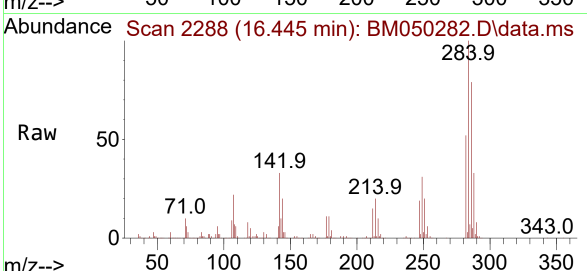
#67
4-Bromophenyl-phenylether
Concen: 54.124 ng
RT: 16.333 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

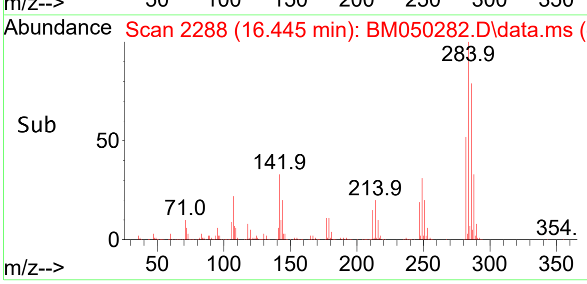
Tgt Ion:248 Resp: 999973

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.0	117.0
141	70.5	60.1	90.1





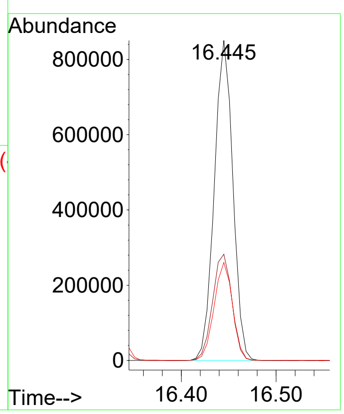




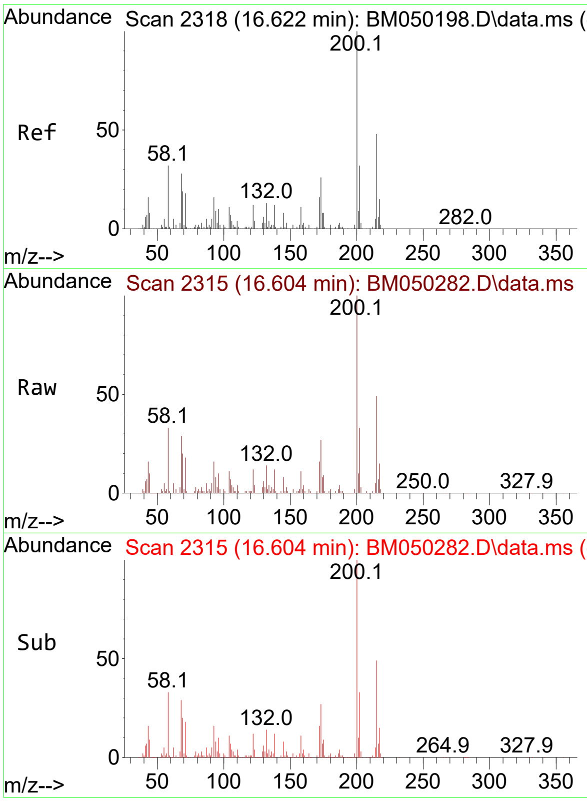
#68
Hexachlorobenzene
Concen: 53.594 ng
RT: 16.445 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:284 Resp: 1156890

Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.8	43.2
249	30.6	25.8	38.6



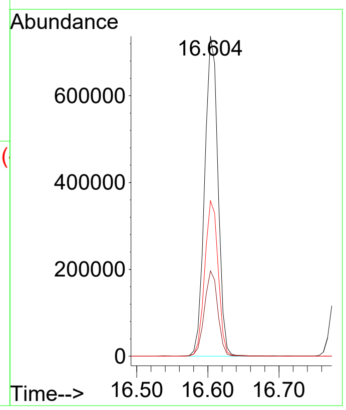
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

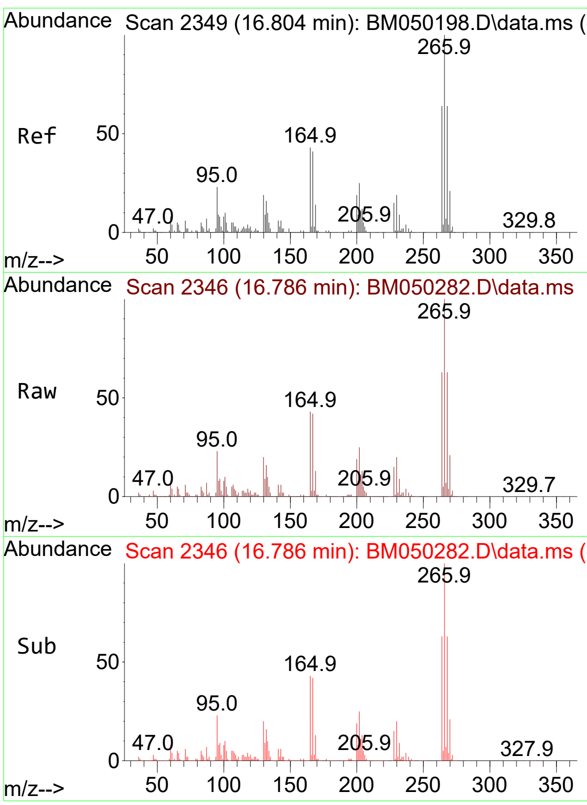


#69
Atrazine
Concen: 55.587 ng
RT: 16.604 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:200 Resp: 964181

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.0	46.0
215	48.6	28.1	68.1

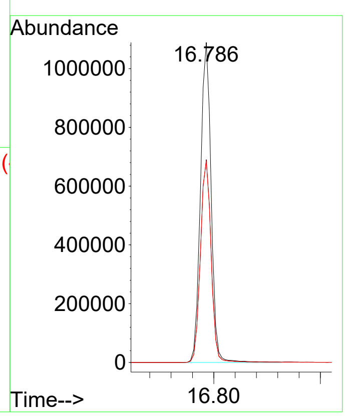


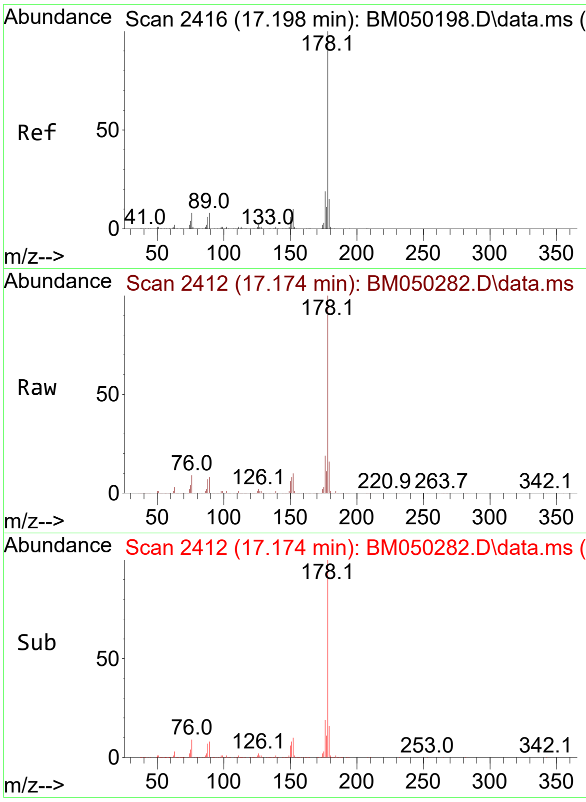


#70
Pentachlorophenol
Concen: 107.889 ng
RT: 16.786 min Scan# 2346
Delta R.T. -0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:266 Resp: 1514137

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.0	76.6
264	62.9	50.8	76.2



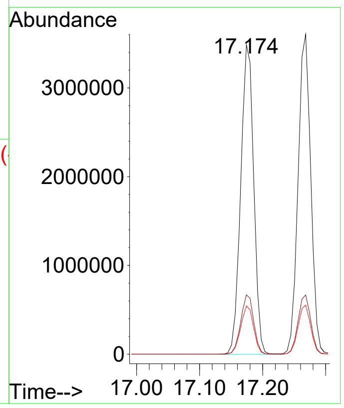


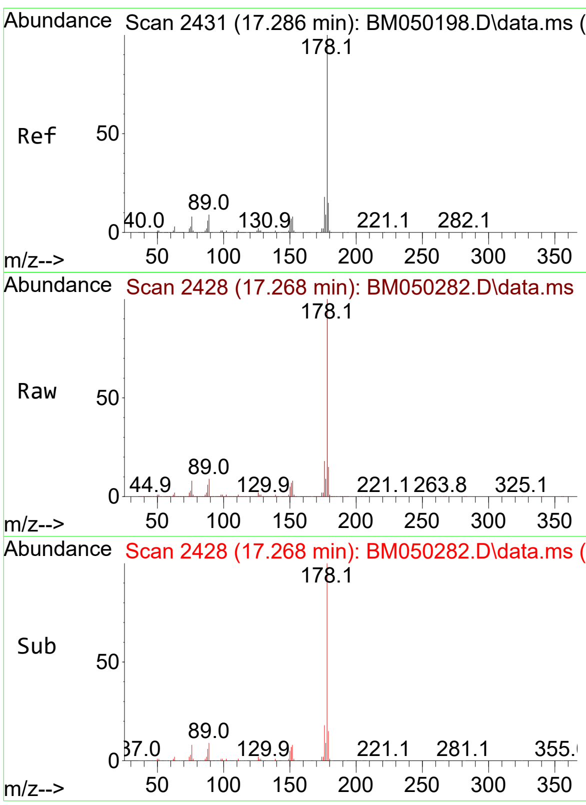
#71
Phenanthrene
Concen: 50.571 ng
RT: 17.174 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

Tgt Ion:178 Resp: 5005231

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.6	12.3	18.5

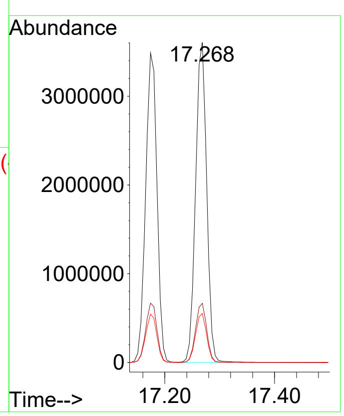




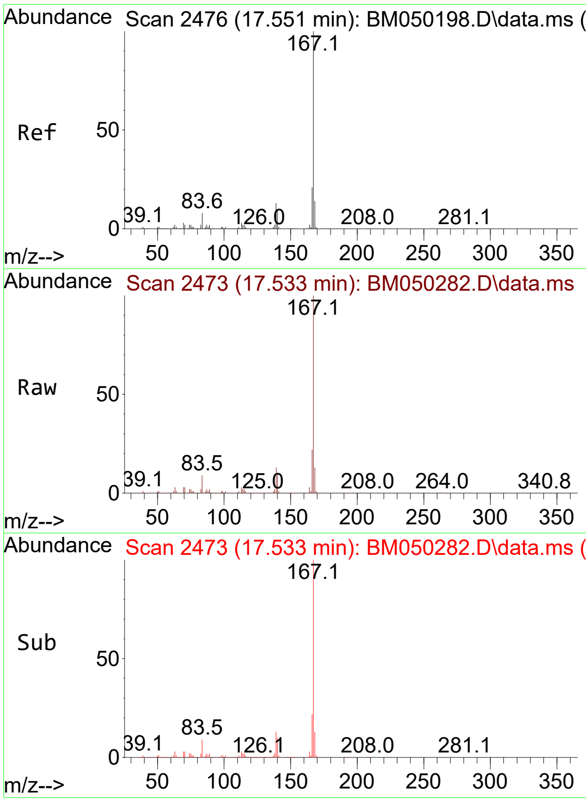
#72
Anthracene
Concen: 51.130 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:178 Resp: 5062533

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	12.3	18.5



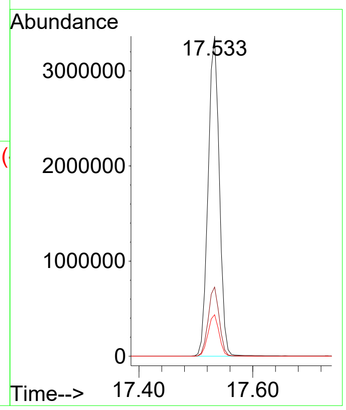
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

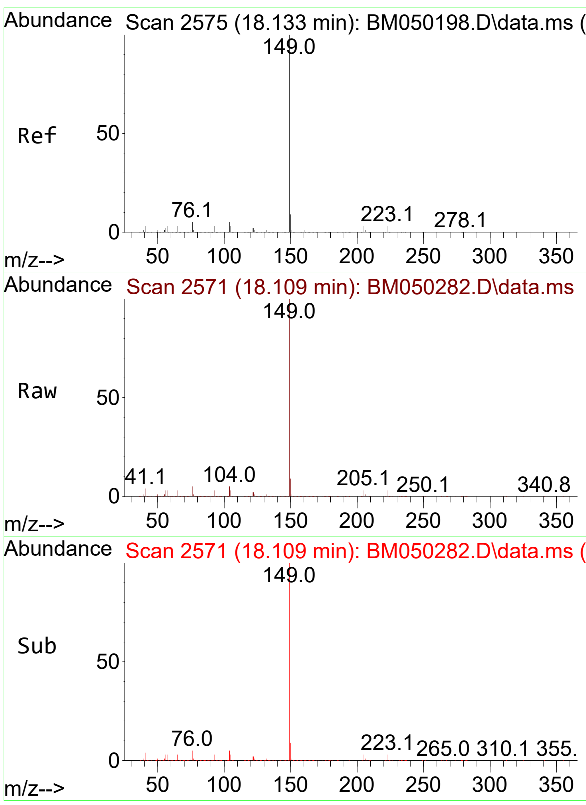


#73
Carbazole
Concen: 50.857 ng
RT: 17.533 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:167 Resp: 4587470

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	12.9	10.2	15.4

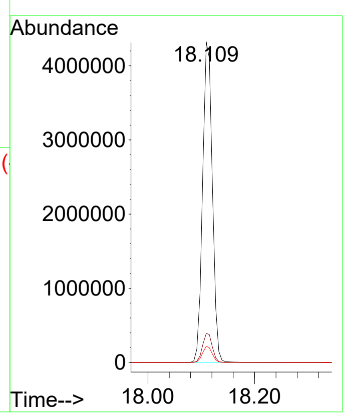




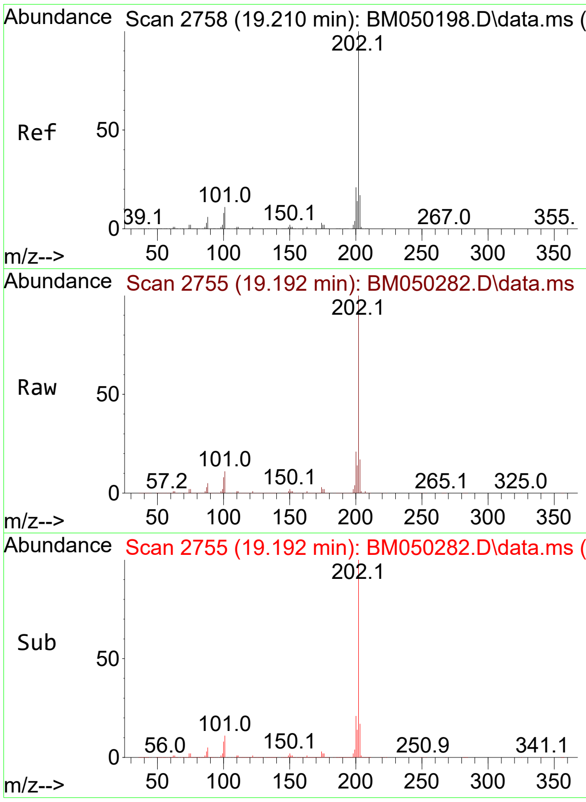
#74
Di-n-butylphthalate
Concen: 55.962 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:149 Resp: 5492575

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.0	6.0



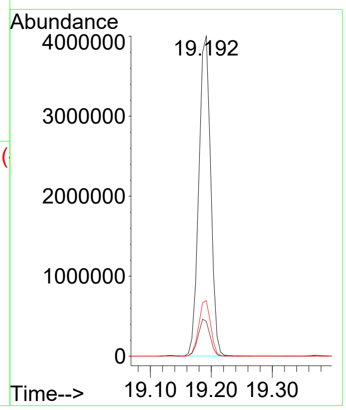
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

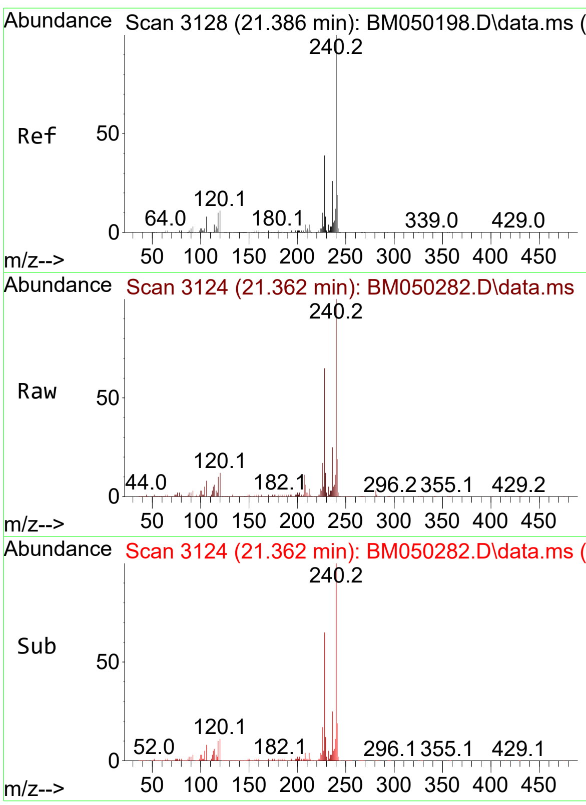


#75
Fluoranthene
Concen: 51.856 ng
RT: 19.192 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:202 Resp: 5412522

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.1
203	17.4	0.0	37.0

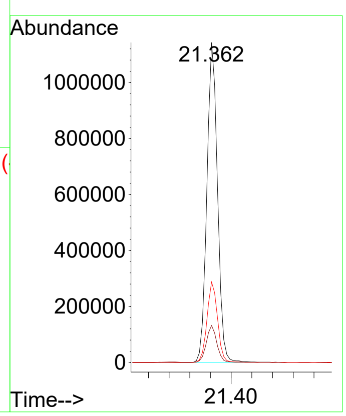




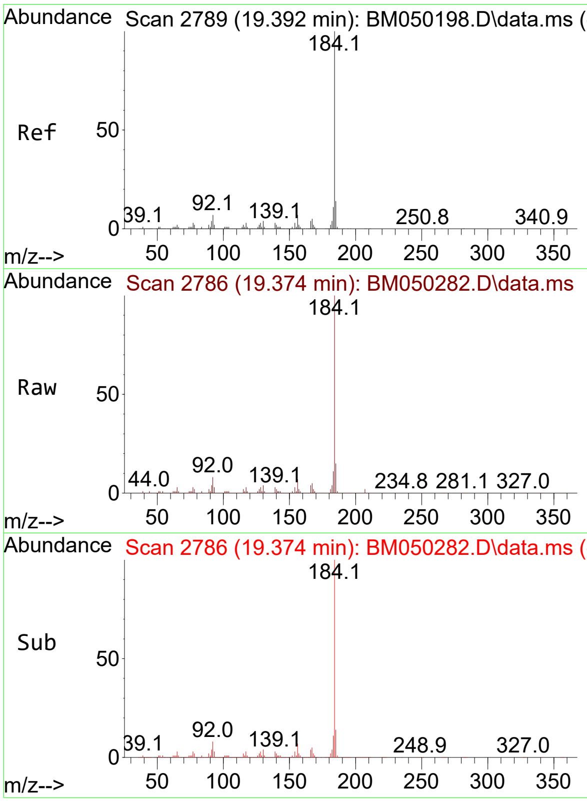
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:240 Resp: 1630999

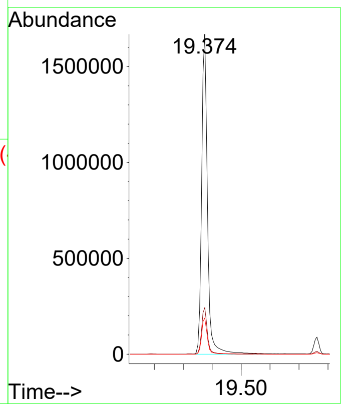
Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.4
236	25.2	20.7	31.1

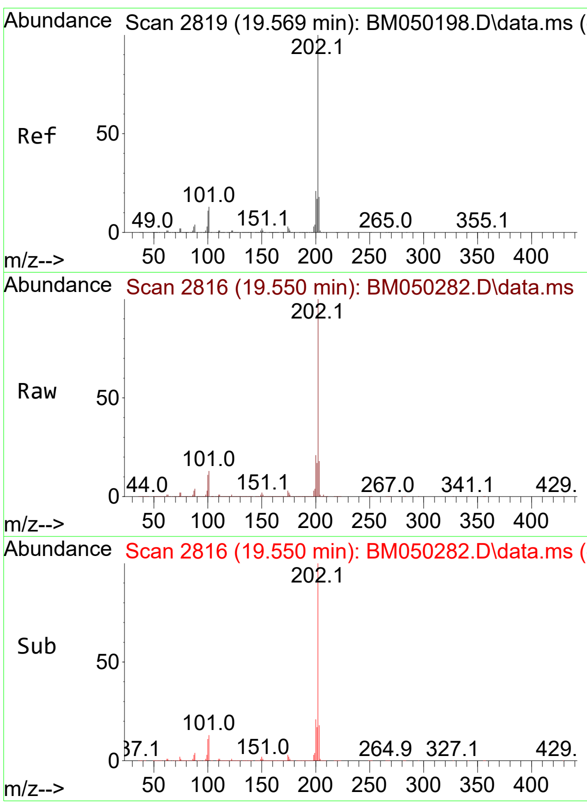


Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

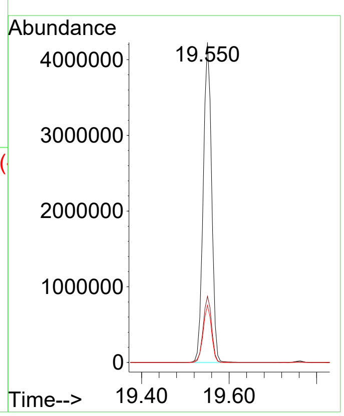



```
#77
Benzidine
Concen:   51.180 ng
RT:  19.374 min  Scan# 2
Delta R.T.   -0.000 min
Lab File:    BM050282.D
Acq: 11 Jun 2025  20:02

Tgt Ion:184 Resp: 2347379
Ion  Ratio  Lower  Upper
184  100
185   14.5   11.5   17.3
183   11.2    9.0   13.4
```

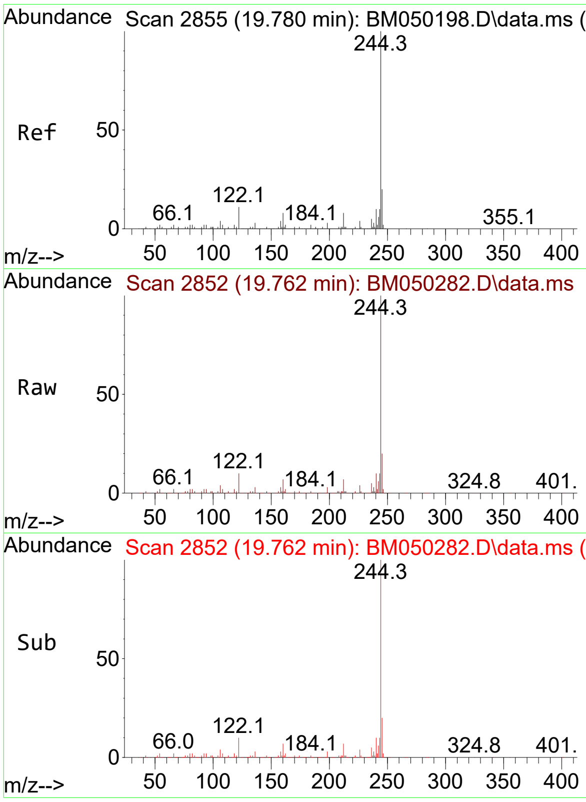





```
#78
Pyrene
Concen:   51.344 ng
RT:  19.550 min  Scan# 2816
Delta R.T.   -0.006 min
Lab File:    BM050282.D
Acq: 11 Jun 2025  20:02

Tgt Ion:202 Resp: 5644253
Ion  Ratio  Lower  Upper
202  100
200   20.7   16.7   25.1
203   17.9   14.1   21.1
```



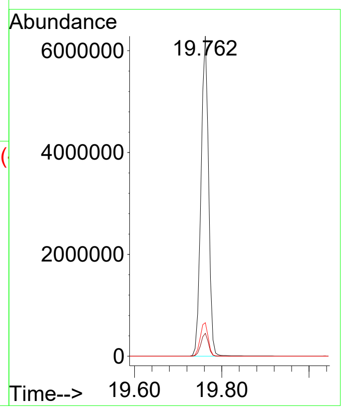
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

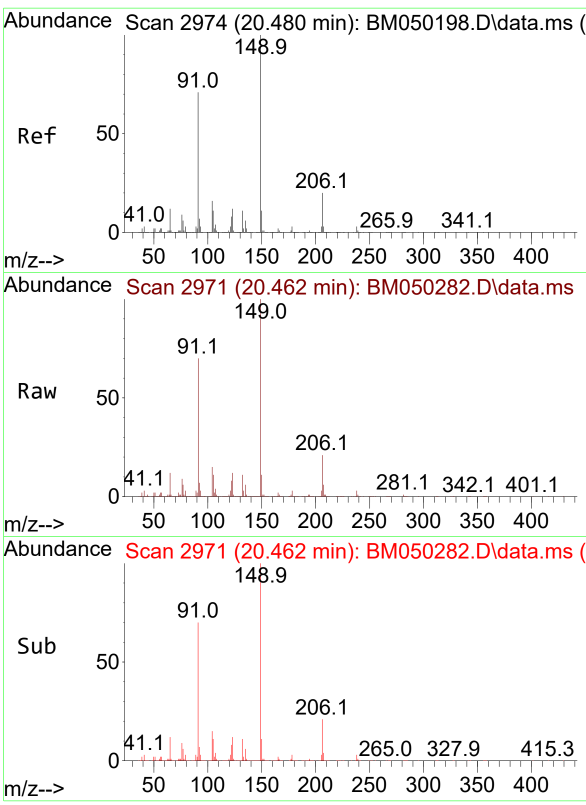


#79
Terphenyl-d14
Concen: 88.453 ng
RT: 19.762 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:244 Resp: 7612920

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.4	8.6	12.8

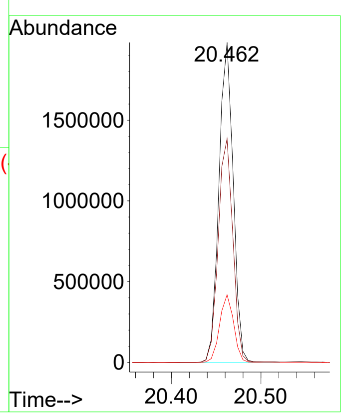




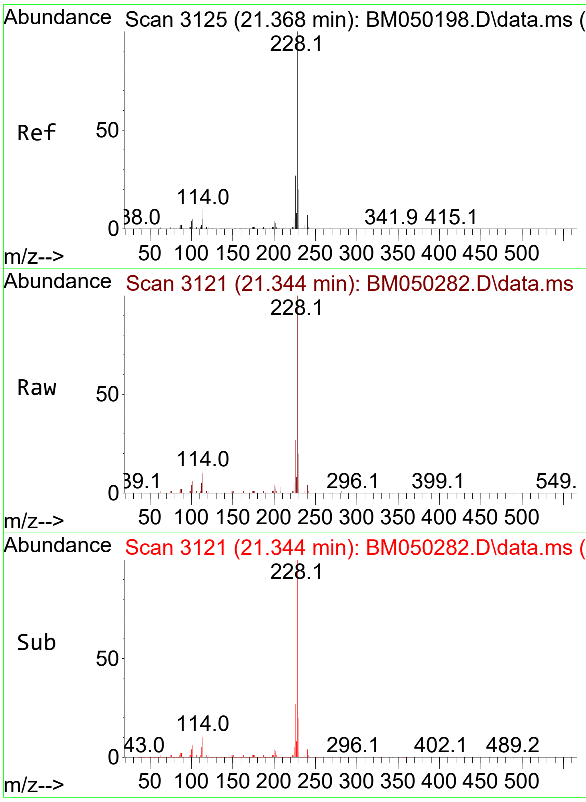
#80
Butylbenzylphthalate
Concen: 59.918 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:149 Resp: 2197120

Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.9	85.3
206	21.1	16.1	24.1



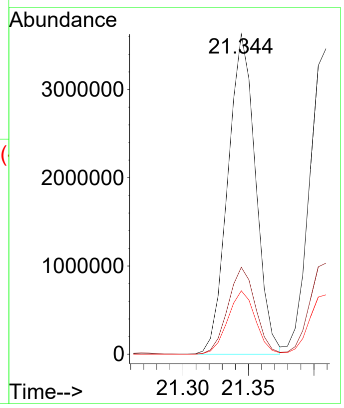
Instrument : BNA_M
ClientSampleId : ARS20-0032MSD

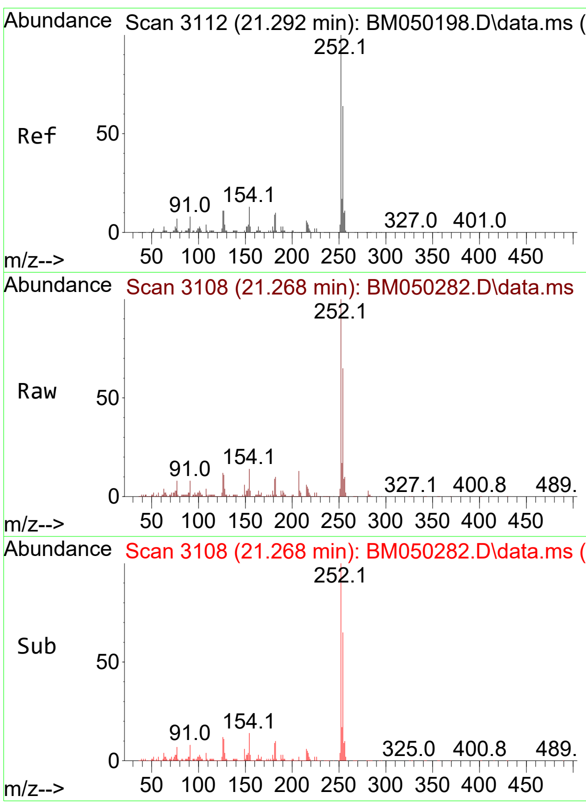


#81
Benzo(a)anthracene
Concen: 51.707 ng
RT: 21.344 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:228 Resp: 5337943

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.8	15.7	23.5

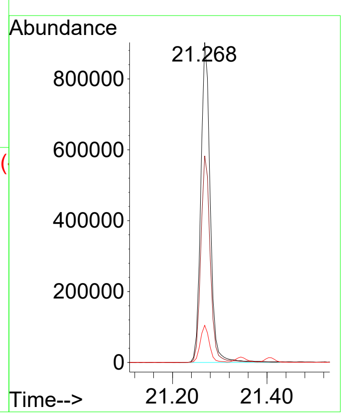




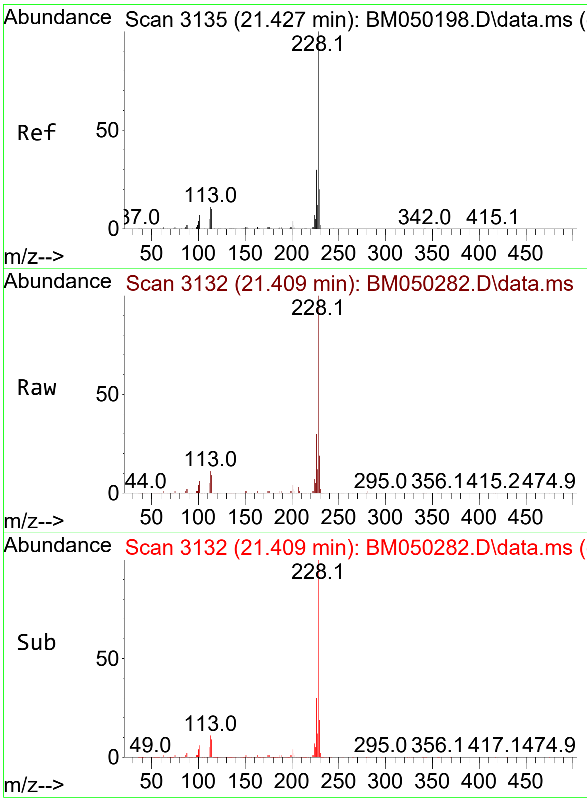
#82
3,3'-Dichlorobenzidine
Concen: 39.632 ng
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:252 Resp: 1247674

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.0
126	11.6	8.6	12.8



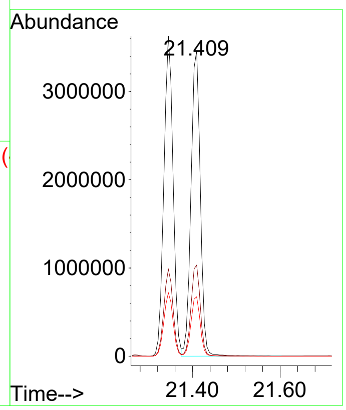
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

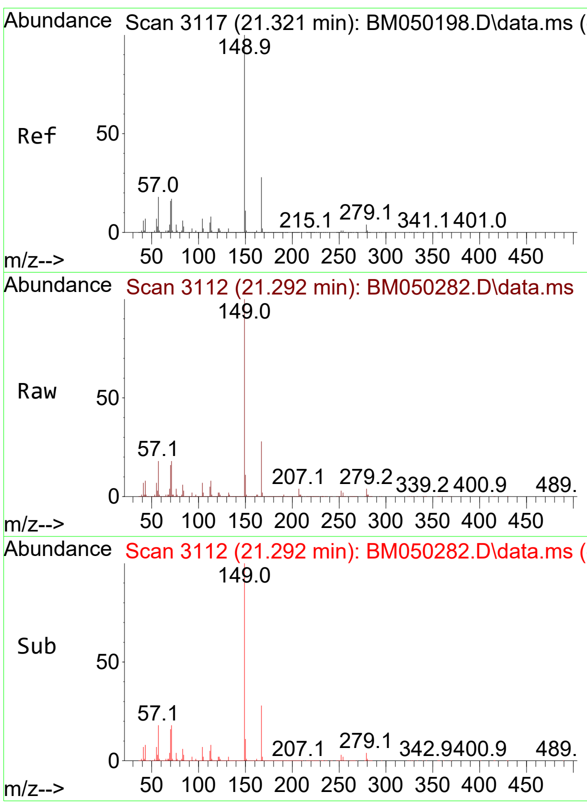


#83
Chrysene
Concen: 51.840 ng
RT: 21.409 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:228 Resp: 5090634

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	19.4	15.8	23.8

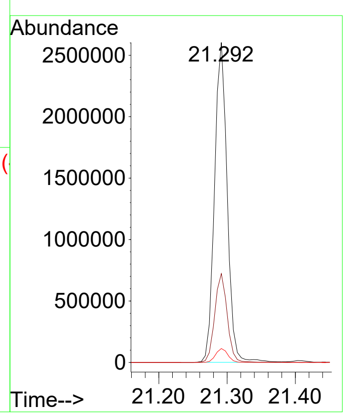




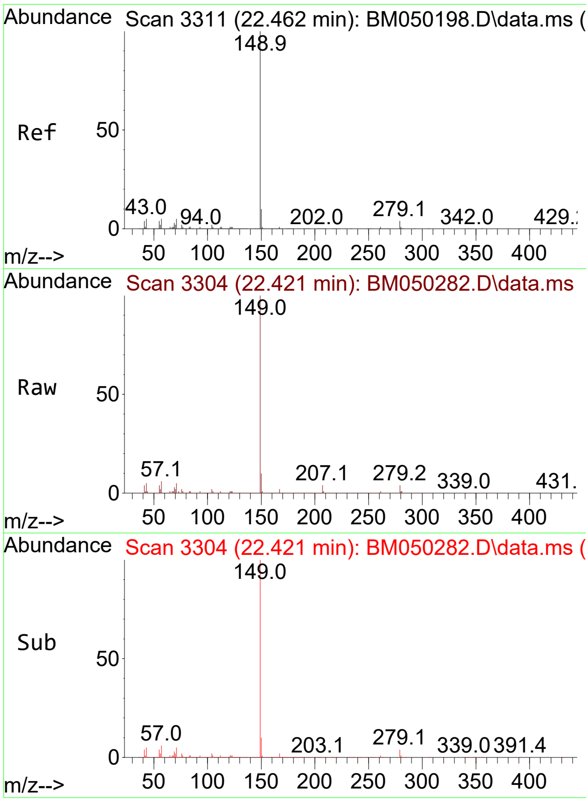
#84
Bis(2-ethylhexyl)phthalate
Concen: 59.549 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:149 Resp: 3363446

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.3	33.5
279	4.4	3.5	5.3



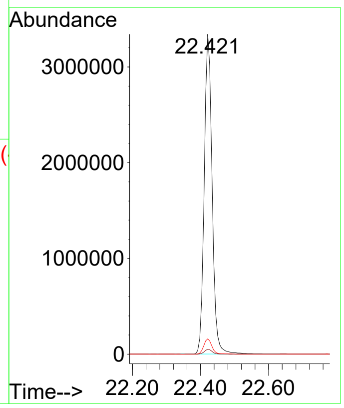
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

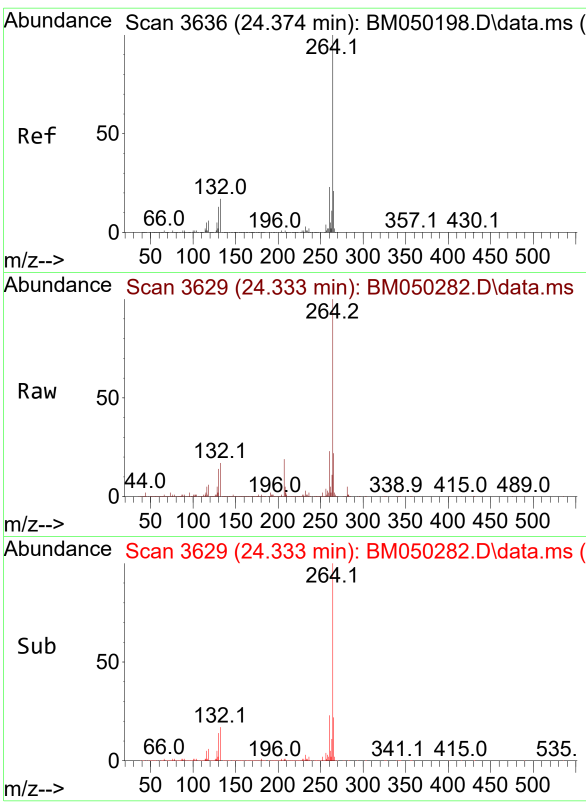


#85
Di-n-octyl phthalate
Concen: 64.674 ng
RT: 22.421 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:149 Resp: 5420515

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	5.0	3.8	5.8

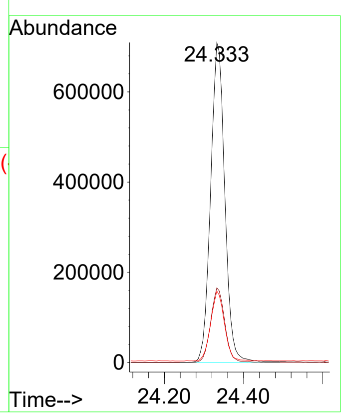




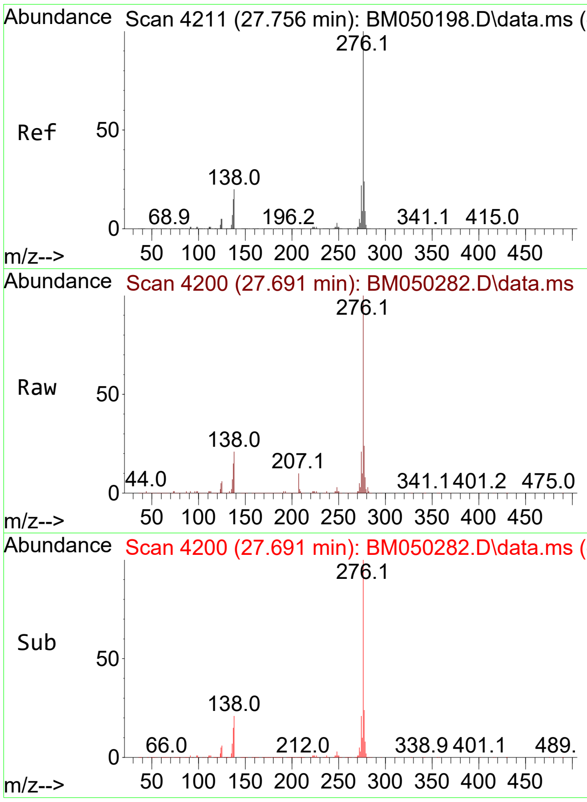
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.333 min Scan# 3629
Delta R.T. -0.012 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:264 Resp: 1766581

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.3	16.8	25.2



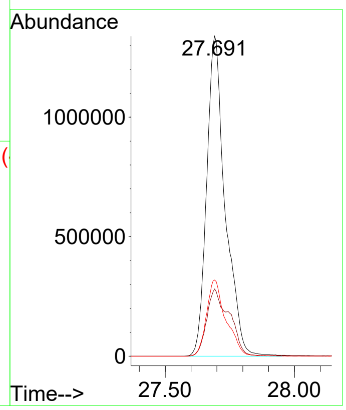
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

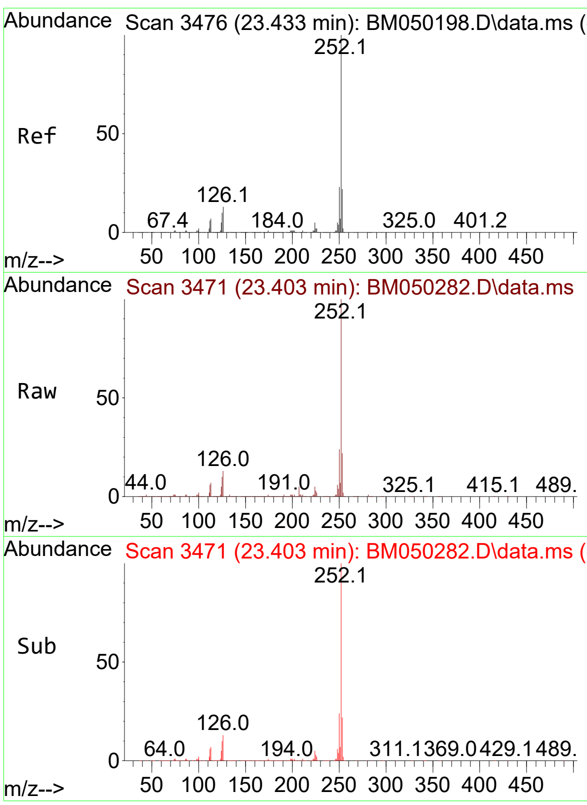


#87
Indeno(1,2,3-cd)pyrene
Concen: 58.782 ng
RT: 27.691 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:276 Resp: 6686247

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	24.9	19.8	29.6

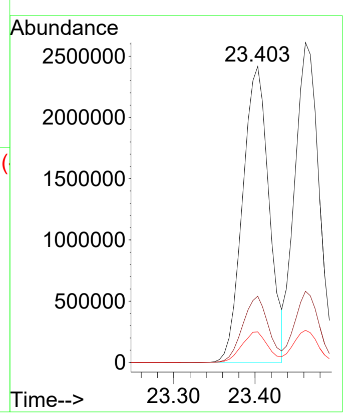




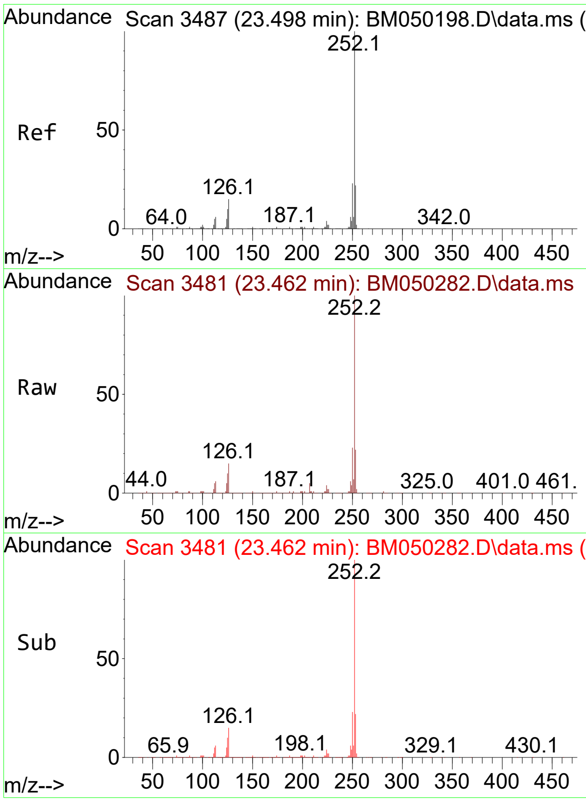
#88
Benzo(b)fluoranthene
Concen: 52.980 ng
RT: 23.403 min Scan# 3471
Delta R.T. -0.006 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:252 Resp: 5441573

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.3	8.2	12.4



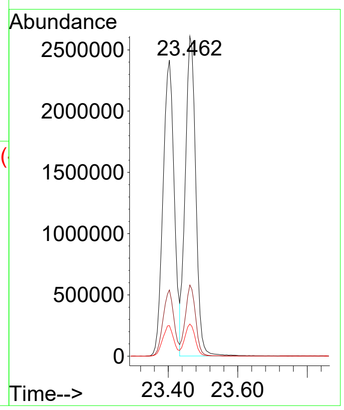
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

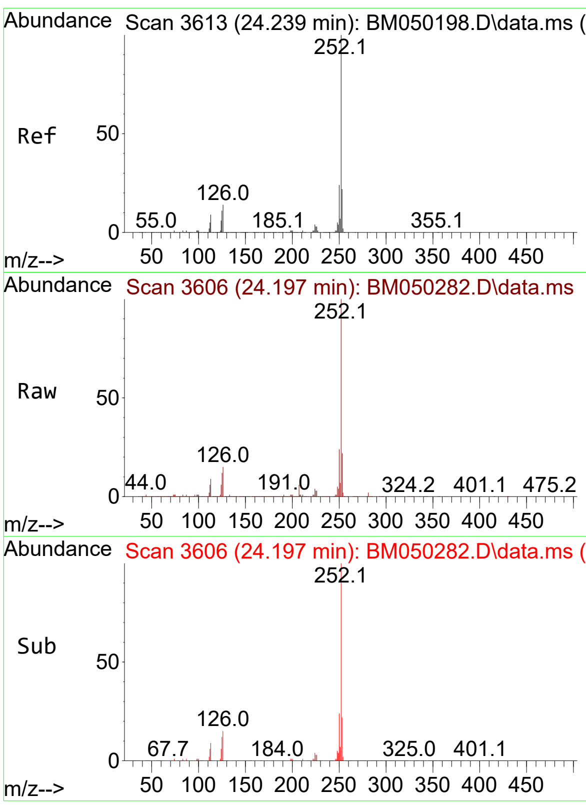


#89
Benzo(k)fluoranthene
Concen: 52.274 ng
RT: 23.462 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:252 Resp: 5481028

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.0	8.2	12.4

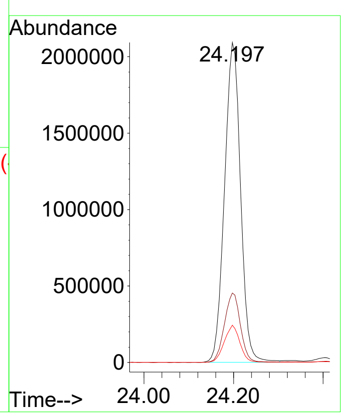




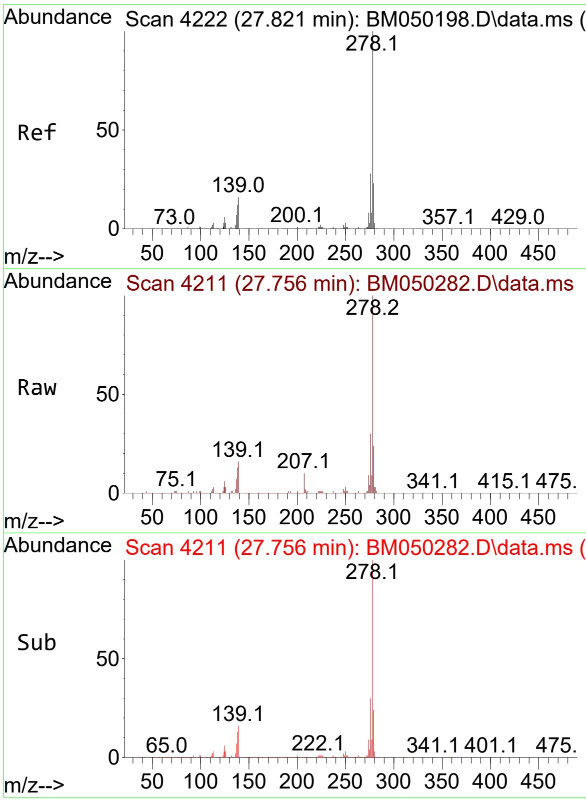
#90
Benzo(a)pyrene
Concen: 54.112 ng
RT: 24.197 min Scan# 3606
Delta R.T. -0.012 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:252 Resp: 5225589

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	11.6	9.0	13.4



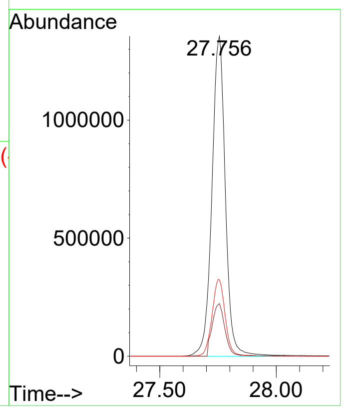
Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

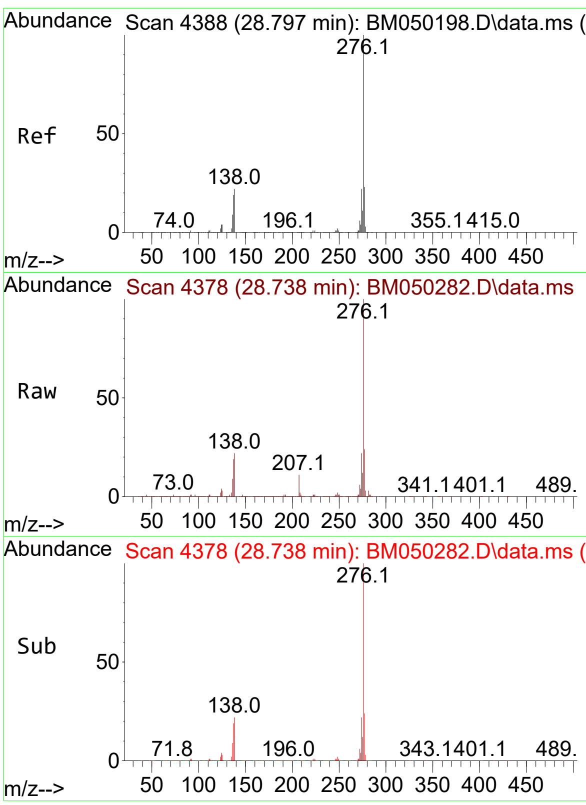


#91
Dibenzo(a,h)anthracene
Concen: 58.916 ng
RT: 27.756 min Scan# 4
Delta R.T.   -0.012 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:278 Resp: 5439587

Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	23.9	18.6	28.0

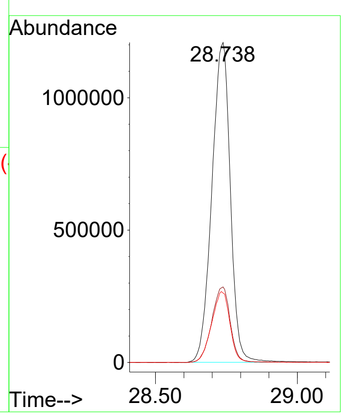




#92
Benzo(g,h,i)perylene
Concen: 58.996 ng
RT: 28.738 min Scan# 4378
Delta R.T.   -0.012 min
Lab File: BM050282.D
Acq: 11 Jun 2025 20:02

Tgt Ion:276 Resp: 5451723

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	21.7	17.8	26.6



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Manual Integration Report

Sequence:	BM060525	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050195.D	2,3,4,6-Tetrachlorophenol	Rahul	6/6/2025 12:19:17 PM	Jagrut	6/6/2025 1:16:08 PM	Peak Integrated by Software
SSTDICC005	BM050195.D	Benzaldehyde	Rahul	6/6/2025 12:19:17 PM	Jagrut	6/6/2025 1:16:08 PM	Peak Integrated by Software
SSTDICC010	BM050196.D	2,3,4,6-Tetrachlorophenol	Rahul	6/5/2025 4:48:25 PM	Jagrut	6/6/2025 1:16:10 PM	Peak Integrated by Software
SSTDICC020	BM050197.D	Benzaldehyde	Rahul	6/6/2025 12:19:19 PM	Jagrut	6/6/2025 1:16:13 PM	Peak Integrated by Software
SSTDICCC040	BM050198.D	2,3,4,6-Tetrachlorophenol	Rahul	6/5/2025 4:48:28 PM	Jagrut	6/6/2025 1:16:15 PM	Peak Integrated by Software
SSTDICV040	BM050202.D	Benzaldehyde	Rahul	6/5/2025 4:48:30 PM	Jagrut	6/6/2025 1:16:18 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BM061125	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM050277.D	2,3,4,6-Tetrachlorophenol	anahy	6/12/2025 11:06:10 AM	Jagrut	6/12/2025 11:36:34 AM	Peak Integrated by Software
PB168422BS	BM050279.D	2,3,4,6-Tetrachlorophenol	anahy	6/12/2025 11:20:13 AM	Jagrut	6/12/2025 11:36:35 AM	Peak Integrated by Software
PB168422BS	BM050279.D	Acenaphthene	anahy	6/12/2025 11:20:13 AM	Jagrut	6/12/2025 11:36:35 AM	Peak Integrated by Software
Q2262-02MS	BM050281.D	Acenaphthene	anahy	6/12/2025 11:21:07 AM	Jagrut	6/12/2025 11:36:36 AM	Peak Integrated by Software
Q2262-02MSD	BM050282.D	Acenaphthene	anahy	6/12/2025 11:21:47 AM	Jagrut	6/12/2025 11:36:38 AM	Peak Integrated by Software
SSTDCCC040	BM050294.D	2,3,4,6-Tetrachlorophenol	anahy	6/12/2025 11:23:41 AM	Jagrut	6/12/2025 11:36:40 AM	Peak Integrated by Software

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060525

Review By	Rahul	Review On	6/6/2025 12:27:19 PM		
Supervise By	Jagrut	Supervise On	6/6/2025 1:16:37 PM		
SubDirectory	BM060525	HP Acquire Method	BNA_M	HP Processing Method	bm060525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050193.D	05 Jun 2025 08:40	RC/JU	Ok
2	SSTDICC2.5	BM050194.D	05 Jun 2025 09:20	RC/JU	Ok
3	SSTDICC005	BM050195.D	05 Jun 2025 09:59	RC/JU	Ok,M
4	SSTDICC010	BM050196.D	05 Jun 2025 10:38	RC/JU	Ok,M
5	SSTDICC020	BM050197.D	05 Jun 2025 11:17	RC/JU	Ok,M
6	SSTDICCC040	BM050198.D	05 Jun 2025 11:57	RC/JU	Ok,M
7	SSTDICC050	BM050199.D	05 Jun 2025 12:36	RC/JU	Ok
8	SSTDICC060	BM050200.D	05 Jun 2025 13:16	RC/JU	Ok
9	SSTDICC080	BM050201.D	05 Jun 2025 13:56	RC/JU	Ok
10	SSTDICV040	BM050202.D	05 Jun 2025 14:36	RC/JU	Ok,M
11	PB168224TB	BM050203.D	05 Jun 2025 16:35	RC/JU	Ok
12	SP6794	BM050204.D	05 Jun 2025 17:15	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM061125

Review By	anahy	Review On	6/12/2025 11:24:04 AM		
Supervise By	Jagrut	Supervise On	6/12/2025 11:37:08 AM		
SubDirectory	BM061125	HP Acquire Method	BNA_M	HP Processing Method	BM060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050276.D	11 Jun 2025 15:46	RC/JU	Ok
2	SSTDCCC040	BM050277.D	11 Jun 2025 16:25	RC/JU	Ok,M
3	PB168422BL	BM050278.D	11 Jun 2025 17:24	RC/JU	Ok
4	PB168422BS	BM050279.D	11 Jun 2025 18:04	RC/JU	Ok,M
5	Q2262-02	BM050280.D	11 Jun 2025 18:43	RC/JU	Ok
6	Q2262-02MS	BM050281.D	11 Jun 2025 19:23	RC/JU	Ok,M
7	Q2262-02MSD	BM050282.D	11 Jun 2025 20:02	RC/JU	Ok,M
8	Q2262-04	BM050283.D	11 Jun 2025 20:42	RC/JU	Ok
9	Q2267-01	BM050284.D	11 Jun 2025 21:21	RC/JU	Ok
10	Q2271-04	BM050285.D	11 Jun 2025 22:00	RC/JU	Ok
11	Q2272-04	BM050286.D	11 Jun 2025 22:40	RC/JU	Ok
12	Q2273-04	BM050287.D	11 Jun 2025 23:19	RC/JU	Ok
13	Q2273-08	BM050288.D	11 Jun 2025 23:58	RC/JU	Ok
14	Q2274-04	BM050289.D	12 Jun 2025 00:37	RC/JU	Ok
15	Q2280-02	BM050290.D	12 Jun 2025 01:16	RC/JU	Ok
16	Q2280-04	BM050291.D	12 Jun 2025 01:55	RC/JU	Ok
17	Q2285-05	BM050292.D	12 Jun 2025 02:34	RC/JU	Ok
18	DFTPP	BM050293.D	12 Jun 2025 03:52	RC/JU	Ok
19	SSTDCCC040	BM050294.D	12 Jun 2025 04:31	RC/JU	Ok,M
20	PB168369TB	BM050295.D	12 Jun 2025 05:10	RC/JU	Ok
21	PB168390TB	BM050296.D	12 Jun 2025 05:50	RC/JU	Ok

Alliance TECHNICAL GROUP

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM061125

Review By	anahy	Review On	6/12/2025 11:24:04 AM		
Supervise By	Jagrut	Supervise On	6/12/2025 11:37:08 AM		
SubDirectory	BM061125	HP Acquire Method	BNA_M	HP Processing Method	BM060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2278-04	BM050297.D	12 Jun 2025 06:29	RC/JU	Ok
23	Q2283-03	BM050298.D	12 Jun 2025 07:08	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060525

Review By	Rahul	Review On	6/6/2025 12:27:19 PM		
Supervise By	Jagrut	Supervise On	6/6/2025 1:16:37 PM		
SubDirectory	BM060525	HP Acquire Method	BNA_M	HP Processing Method	bm060525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050193.D	05 Jun 2025 08:40		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050194.D	05 Jun 2025 09:20		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050195.D	05 Jun 2025 09:59	Compound #32,54,65,77 removed from 5PPM	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050196.D	05 Jun 2025 10:38	Compound #54 kept on QR	RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050197.D	05 Jun 2025 11:17		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050198.D	05 Jun 2025 11:57	The compound # 85 failed in the Calibration.	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BM050199.D	05 Jun 2025 12:36		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050200.D	05 Jun 2025 13:16		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050201.D	05 Jun 2025 13:56	Compound #9 removed from 80PPM	RC/JU	Ok
10	SSTDICV040	ICVBM060525	BM050202.D	05 Jun 2025 14:36		RC/JU	Ok,M
11	PB168224TB	PB168224TB	BM050203.D	05 Jun 2025 16:35		RC/JU	Ok
12	SP6794	SP6794	BM050204.D	05 Jun 2025 17:15		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM061125

Review By	anahy	Review On	6/12/2025 11:24:04 AM		
Supervise By	Jagrut	Supervise On	6/12/2025 11:37:08 AM		
SubDirectory	BM061125	HP Acquire Method	BNA_M	HP Processing Method	BM060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050276.D	11 Jun 2025 15:46		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050277.D	11 Jun 2025 16:25		RC/JU	Ok,M
3	PB168422BL	PB168422BL	BM050278.D	11 Jun 2025 17:24		RC/JU	Ok
4	PB168422BS	PB168422BS	BM050279.D	11 Jun 2025 18:04		RC/JU	Ok,M
5	Q2262-02	ARS20-0032	BM050280.D	11 Jun 2025 18:43		RC/JU	Ok
6	Q2262-02MS	ARS20-0032MS	BM050281.D	11 Jun 2025 19:23		RC/JU	Ok,M
7	Q2262-02MSD	ARS20-0032MSD	BM050282.D	11 Jun 2025 20:02		RC/JU	Ok,M
8	Q2262-04	ARS20-0001	BM050283.D	11 Jun 2025 20:42		RC/JU	Ok
9	Q2267-01	WC-20250605	BM050284.D	11 Jun 2025 21:21		RC/JU	Ok
10	Q2271-04	TP12-MHK-WC	BM050285.D	11 Jun 2025 22:00		RC/JU	Ok
11	Q2272-04	TP-6	BM050286.D	11 Jun 2025 22:40		RC/JU	Ok
12	Q2273-04	WC-4	BM050287.D	11 Jun 2025 23:19		RC/JU	Ok
13	Q2273-08	WC-6	BM050288.D	11 Jun 2025 23:58		RC/JU	Ok
14	Q2274-04	TP-13-MHP-WC	BM050289.D	12 Jun 2025 00:37		RC/JU	Ok
15	Q2280-02	VNJ-210	BM050290.D	12 Jun 2025 01:16		RC/JU	Ok
16	Q2280-04	RT-4643	BM050291.D	12 Jun 2025 01:55		RC/JU	Ok
17	Q2285-05	HAM-CONCRETE	BM050292.D	12 Jun 2025 02:34		RC/JU	Ok
18	DFTPP	DFTPP	BM050293.D	12 Jun 2025 03:52		RC/JU	Ok

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM061125

Review By	anahy	Review On	6/12/2025 11:24:04 AM		
Supervise By	Jagrut	Supervise On	6/12/2025 11:37:08 AM		
SubDirectory	BM061125	HP Acquire Method	BNA_M	HP Processing Method	BM060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	SSTDCCC040	SSTDCCC040	BM050294.D	12 Jun 2025 04:31		RC/JU	Ok,M
20	PB168369TB	PB168369TB	BM050295.D	12 Jun 2025 05:10		RC/JU	Ok
21	PB168390TB	PB168390TB	BM050296.D	12 Jun 2025 05:50		RC/JU	Ok
22	Q2278-04	TP-2	BM050297.D	12 Jun 2025 06:29		RC/JU	Ok
23	Q2283-03	PAD-061025	BM050298.D	12 Jun 2025 07:08		RC/JU	Ok

M : Manual Integration

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TCLP EXTRACTION LOGPAGE

PB168390

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A **Time :** N/A

End Prep Date : N/A **Time :** N/A

Combination Ratio : N/A

ZHE Cleaning Batch : ~~N/A~~

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature :

Supervisor By : 12

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after foftration and before preservation. Q2267-01 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06-11-25 12:00	ICP Room	SIS. 1 Left
	Preparation Group	**Analysis Group** Metals

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168390

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168390TB	LEB390	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2267-01	WC-20250605	N/A	N/A	N/A	N/A	N/A	N/A	7.2	1.0	N/A

Alliance TECHNICAL GROUP

TCLP Solid Determination

PB168390

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168390TB	LEB390	N/A	N/A	N/A	N/A	N/A	N/A
Q2267-01	WC-20250605	N/A	N/A	N/A	N/A	<0.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp w q2267 **WorkList ID :** 190072 **Department :** TCLP Extraction **Date :** 06-10-2025 12:35:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2267-01	WC-20250605	Water	TCLP Extraction	Cool 4 deg C	PARS02	D41	06/05/2025	1311

Date/Time 06.10.25 13:30
Raw Sample Received by: WC1
Raw Sample Relinquished by:

Date/Time 06.10.25 16:00
Raw Sample Received by:
Raw Sample Relinquished by: WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168422

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/11/2025
Matrix :	Water			**Extraction Start Time :**	12:20
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	06/11/2025
Balance check:	RJ	**Filter By:**	RS	**Extraction End Time :**	17:15
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6794
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2620
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
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 Vail Lot # 2210443. p H Adjusted <2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/11/25	RP (Ext. lab)	AC/SVOC
17:20	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168422

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By: AddedBy	Surr/Spike By: VerifiedBy	Final Vol. (mL)	JarID	Comments	Prep Pos
PB168369TB	PB168369TB	TCLP BNA	100	6	RUPESH	ritesh	1			SEP-1
PB168390TB	PB168390TB	TCLP BNA	100	6	RUPESH	ritesh	1			2
PB168422BL	PB168422BL	TCLP BNA	1000	6	RUPESH	ritesh	1			3
PB168422BS	PB168422BS	TCLP BNA	1000	6	RUPESH	ritesh	1			4
Q2262-02	ARS20-0032	TCLP BNA	1000	6	RUPESH	ritesh	1	A		5
Q2262-02MS	ARS20-0032MS	TCLP BNA	100	6	RUPESH	ritesh	1	A		6
Q2262-02MSD	ARS20-0032MSD	TCLP BNA	100	6	RUPESH	ritesh	1	A		7
Q2262-04	ARS20-0001	TCLP BNA	100	6	RUPESH	ritesh	1	A		8
Q2267-01	WC-20250605	TCLP BNA	100	6	RUPESH	ritesh	1	A		9
Q2271-04	TP12-MHK-WC	TCLP BNA	100	6	RUPESH	ritesh	1	A		10
Q2272-04	TP-6	TCLP BNA	100	6	RUPESH	ritesh	1	A		11
Q2273-04	WC-4	TCLP BNA	100	6	RUPESH	ritesh	1	A		12
Q2273-08	WC-6	TCLP BNA	100	6	RUPESH	ritesh	1	A		13
Q2274-04	TP-13-MHP-WC	TCLP BNA	100	6	RUPESH	ritesh	1	A		14
Q2278-04	TP-2	TCLP BNA	100	6	RUPESH	ritesh	1	A		15
Q2280-02	VNJ-210	TCLP BNA	100	6	RUPESH	ritesh	1	A		16
Q2280-04	RT-4643	TCLP BNA	100	6	RUPESH	ritesh	1	A		SEP-01
Q2285-05	HAM-CONCRETE	TCLP BNA	100	6	RUPESH	ritesh	1	A		2

* **Extracts relinquished on the same date as received.**

8 6/11/25

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168369

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168369TB	LEB369	11	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-2
Q2214-04	RBR251425	01	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q2271-04	TP12-MHK-WC	02	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2272-04	TP-6	03	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2273-04	WC-4	04	100.01	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2273-08	WC-6	05	100.02	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q2274-04	TP-13-MHP-WC	06	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2278-04	TP-2	07	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2280-02	VNJ-210	08	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q2280-04	RT-4643	09	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2285-05	HAM-CONCRETE	10	100.03	2000	N/A	N/A	N/A	9.3	1.0	T-1

06/11/25
12:00

TCLP EXTRACTION LOGPAGE

PB168390

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168390TB	LEB390	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2267-01	WC-20250605	N/A	N/A	N/A	N/A	N/A	N/A	7.2	1.0	N/A

06/11/25
22.0c

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168333

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168333TB	LEB333	09	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1
Q2137-05	MOO-25-0151	01	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q2244-04	TP03-MHC	02	100.03	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2260-04	TP10-MHG-WC	03	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2262-02	ARS20-0032	04	100.03	2000	N/A	N/A	N/A	9.1	1.0	T-1
Q2262-04	ARS20-0001	05	100.02	2000	N/A	N/A	N/A	10.0	1.5	T-1
Q2265-04	TP-MHL-WC	06	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2266-04	WC-3	07	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2266-08	WC-4	08	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1

06/09/25
10:30

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. Q2267
COC Number 2046471

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Parsons
ADDRESS: 301 Plainfield Rd
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen Liberatore
PHONE: 315-418-8767 FAX: NA

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed Atlantic Ave
PROJECT NO.: 453957-01009 LOCATION: Brooklyn, NY
PROJECT MANAGER: Stephen Liberatore
e-mail: stephen.Liberatore@parsons.com
PHONE: 315-418-8767 FAX: NA

CLIENT BILLING INFORMATION

BILL TO: Parsons PO#:
ADDRESS: 301 Plainfield Rd
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen Liberatore PHONE: 315-418-8767

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 Day TAT DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☑ Level 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

ANALYSIS

1. TCLP VOCs
2. TCLP SVOCs
3. PCB
4. Flash point
5. TCLP Extraction
6. TCLP metals/mercury
7. PH, reactive cyanide, reactive sulfide
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 (E)	6 (E)	7 (E)	8	9	COMMENTS
1.	WC_20250605	W		X	6/5/25	1520	8	X	X	X	X	X	X	X			
2.																	
3.																	
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. [signature]	6-5-25/1330	1. [signature] 1330 6-6-25
2.		2.
3. [signature]	1642 6-6-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.0 °C
Comments: Please CC kirsten.valentini@parsons.com

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488