

Cover Page

Order ID : Q1698

Project ID : MTA Rockaway Park

Client : Tully Construction Co., Inc.

Lab Sample Number

Q1698-01
Q1698-02
Q1698-03
Q1698-04
Q1698-05
Q1698-06
Q1698-07
Q1698-08
Q1698-09
Q1698-10
Q1698-11
Q1698-12

Client Sample Number

B-9
B-9
B-9
B-9-TPH-2
B-9-TPH-3
B-9-TPH-4
B-10
B-10
B-10
B-10-TPH-2
B-10-TPH-3
B-10-TPH-4

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: 4/5/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1698

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 Custody

✓

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: MAHESH PATEL

Date: 04/05/2025

LAB CHRONICLE

OrderID:	Q1698	OrderDate:	4/2/2025 12:14:00 PM
Client:	Tully Construction Co., Inc.	Project:	MTA Rockaway Park
Contact:	Dean Devoe	Location:	I41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1698-01	B-9	SOIL	SVOC-PAH	8270E	04/02/25	04/03/25	04/03/25	04/02/25
Q1698-01DL	B-9DL	SOIL	SVOC-PAH	8270E	04/02/25	04/03/25	04/04/25	04/02/25
Q1698-07	B-10	SOIL	SVOC-PAH	8270E	04/02/25	04/03/25	04/03/25	04/02/25

Hit Summary Sheet SW-846

SDG No.: Q1698

Client: Tully Construction Co., Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-9								
Q1698-01	B-9	SOIL	Naphthalene	4.500		0.12	0.91	mg/Kg
Q1698-01	B-9	SOIL	Acenaphthylene	1.600		0.16	0.91	mg/Kg
Q1698-01	B-9	SOIL	Acenaphthene	3.400		0.11	0.91	mg/Kg
Q1698-01	B-9	SOIL	Fluorene	3.200		0.14	0.91	mg/Kg
Q1698-01	B-9	SOIL	Phenanthrene	25.200	E	0.11	0.91	mg/Kg
Q1698-01	B-9	SOIL	Anthracene	5.700		0.18	0.91	mg/Kg
Q1698-01	B-9	SOIL	Fluoranthene	21.300	E	0.16	0.91	mg/Kg
Q1698-01	B-9	SOIL	Pyrene	18.200	E	0.19	0.91	mg/Kg
Q1698-01	B-9	SOIL	Benzo(a)anthracene	9.700		0.12	0.91	mg/Kg
Q1698-01	B-9	SOIL	Chrysene	8.600		0.11	0.91	mg/Kg
Q1698-01	B-9	SOIL	Benzo(b)fluoranthene	9.400		0.10	0.91	mg/Kg
Q1698-01	B-9	SOIL	Benzo(k)fluoranthene	3.200		0.12	0.91	mg/Kg
Q1698-01	B-9	SOIL	Benzo(a)pyrene	9.000	Q	0.16	0.91	mg/Kg
Q1698-01	B-9	SOIL	Indeno(1,2,3-cd)pyrene	4.100		0.16	0.91	mg/Kg
Q1698-01	B-9	SOIL	Dibenzo(a,h)anthracene	1.200		0.15	0.91	mg/Kg
Q1698-01	B-9	SOIL	Benzo(g,h,i)perylene	4.800		0.14	0.91	mg/Kg

Total Svoc : 133.10

Total Concentration: 133.10

Client ID : B-9DL

Q1698-01DL	B-9DL	SOIL	Naphthalene	5.100	D	0.61	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Acenaphthene	3.700	JD	0.57	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Fluorene	3.600	JD	0.68	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Phenanthrene	34.500	D	0.56	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Anthracene	5.900	D	0.89	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Fluoranthene	31.800	D	0.80	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Pyrene	25.100	D	0.97	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Benzo(a)anthracene	10.300	D	0.62	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Chrysene	9.700	D	0.53	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Benzo(b)fluoranthene	9.600	D	0.51	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Benzo(k)fluoranthene	3.600	JD	0.60	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Benzo(a)pyrene	9.200	DQ	0.79	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Indeno(1,2,3-cd)pyrene	4.400	JD	0.78	4.60	mg/Kg
Q1698-01DL	B-9DL	SOIL	Benzo(g,h,i)perylene	5.300	D	0.69	4.60	mg/Kg

Total Svoc : 161.80

Total Concentration: 161.80

Client ID : B-10

Hit Summary Sheet
SW-846

SDG No.: Q1698

Client: Tully Construction Co., Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1698-07	B-10	SOIL	Acenaphthylene	0.180		0.031	0.18	mg/Kg
Q1698-07	B-10	SOIL	Fluorene	0.086	J	0.027	0.18	mg/Kg
Q1698-07	B-10	SOIL	Phenanthrene	1.400		0.022	0.18	mg/Kg
Q1698-07	B-10	SOIL	Anthracene	0.200		0.036	0.18	mg/Kg
Q1698-07	B-10	SOIL	Fluoranthene	1.800		0.032	0.18	mg/Kg
Q1698-07	B-10	SOIL	Pyrene	1.500		0.039	0.18	mg/Kg
Q1698-07	B-10	SOIL	Benzo(a)anthracene	0.640		0.025	0.18	mg/Kg
Q1698-07	B-10	SOIL	Chrysene	0.660		0.021	0.18	mg/Kg
Q1698-07	B-10	SOIL	Benzo(b)fluoranthene	0.710		0.020	0.18	mg/Kg
Q1698-07	B-10	SOIL	Benzo(k)fluoranthene	0.270		0.024	0.18	mg/Kg
Q1698-07	B-10	SOIL	Benzo(a)pyrene	0.590	Q	0.032	0.18	mg/Kg
Q1698-07	B-10	SOIL	Indeno(1,2,3-cd)pyrene	0.310		0.031	0.18	mg/Kg
Q1698-07	B-10	SOIL	Dibenzo(a,h)anthracene	0.094	J	0.029	0.18	mg/Kg
Q1698-07	B-10	SOIL	Benzo(g,h,i)perylene	0.350		0.028	0.18	mg/Kg

Total Svoc :

8.79

Total Concentration:

8.79



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q1698

Client: Tully Construction Co., Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167436BL	PB167436BL	Nitrobenzene-d5	100	101	101		18	107
		2-Fluorobiphenyl	100	104	104		20	109
		Terphenyl-d14	100	128	128	*	10	105
PB167436BS	PB167436BS	Nitrobenzene-d5	100	88.0	88		18	107
		2-Fluorobiphenyl	100	89.9	90		20	109
		Terphenyl-d14	100	105	105		10	105
Q1694-01MS	TP-18MS	Nitrobenzene-d5	100	63.0	63		18	107
		2-Fluorobiphenyl	100	63.1	63		20	109
		Terphenyl-d14	100	69.0	69		10	105
Q1694-01MSD	TP-18MSD	Nitrobenzene-d5	100	65.3	65		18	107
		2-Fluorobiphenyl	100	62.7	63		20	109
		Terphenyl-d14	100	73.9	74		10	105
Q1698-01	B-9	Nitrobenzene-d5	100	61.1	61		18	107
		2-Fluorobiphenyl	100	59.0	59		20	109
		Terphenyl-d14	100	53.8	54		10	105
Q1698-01DL	B-9DL	Nitrobenzene-d5	100	64.6	65		18	107
		2-Fluorobiphenyl	100	64.0	64		20	109
		Terphenyl-d14	100	61.0	61		10	105
Q1698-07	B-10	Nitrobenzene-d5	100	66.0	66		18	107
		2-Fluorobiphenyl	100	60.7	61		20	109
		Terphenyl-d14	100	63.7	64		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1698

Client: Tully Construction Co., Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1694-01MSD	Client Sample ID:	TP-18MSD					DataFile:	BM049823.D		
Naphthalene	1100	0	1000	ug/Kg	91		18		72	110	20
Acenaphthylene	1100	0	1200	ug/Kg	109		15		79	118	20
Acenaphthene	1100	0	1100	ug/Kg	100		17		70	121	20
Fluorene	1100	0	1100	ug/Kg	100		17		68	116	20
Phenanthrene	1100	0	1100	ug/Kg	100		17		52	128	20
Anthracene	1100	0	1200	ug/Kg	109		0		62	124	20
Fluoranthene	1100	0	1200	ug/Kg	109		9		44	125	20
Pyrene	1100	0	1100	ug/Kg	100		9		26	142	20
Benzo(a)anthracene	1100	0	1100	ug/Kg	100		24	*	71	114	20
Chrysene	1100	0	1100	ug/Kg	100		0		57	121	20
Benzo(b)fluoranthene	1100	0	1100	ug/Kg	100		17		67	121	20
Benzo(k)fluoranthene	1100	0	1100	ug/Kg	100		17		57	134	20
Benzo(a)pyrene	1100	0	1200	ug/Kg	109		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	1200	ug/Kg	109		9		40	129	20
Dibenz(a,h)anthracene	1100	0	1200	ug/Kg	109		9		43	123	20
Benzo(g,h,i)perylene	1100	0	1100	ug/Kg	100		0		24	125	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1698

Client: Tully Construction Co., Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1694-01MS	Client Sample ID:	TP-18MS					DataFile:	BM049831.D		
Naphthalene	1100	0	1000	ug/Kg	91				72	110	
Acenaphthylene	1100	0	1200	ug/Kg	109				79	118	
Acenaphthene	1100	0	1000	ug/Kg	91				70	121	
Fluorene	1100	0	1100	ug/Kg	100				68	116	
Phenanthrene	1100	0	1100	ug/Kg	100				52	128	
Anthracene	1100	0	1200	ug/Kg	109				62	124	
Fluoranthene	1100	0	1100	ug/Kg	100				44	125	
Pyrene	1100	0	1100	ug/Kg	100				26	142	
Benzo(a)anthracene	1100	0	1100	ug/Kg	100				71	114	
Chrysene	1100	0	1100	ug/Kg	100				57	121	
Benzo(b)fluoranthene	1100	0	1000	ug/Kg	91				67	121	
Benzo(k)fluoranthene	1100	0	1000	ug/Kg	91				57	134	
Benzo(a)pyrene	1100	0	1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	1100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1100	0	1100	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1100	0	1100	ug/Kg	100				24	125	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1698

Client: Tully Construction Co., Inc.

Analytical Method: 8270E

DataFile: BM049819.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167436BS	Naphthalene	1700	1500	ug/Kg	88				62	100	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167436BL

Lab Name: CHEMTECH

Contract: TULL02

Lab Code: CHEM Case No.: Q1698

SAS No.: Q1698 SDG NO.: Q1698

Lab File ID: BM049818.D

Lab Sample ID: PB167436BL

Instrument ID: BNA_M

Date Extracted: 04/03/2025

Matrix: (soil/water) SOIL

Date Analyzed: 04/04/2025

Level: (low/med) LOW

Time Analyzed: 11:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167436BS	PB167436BS	BM049819.D	04/04/2025
TP-18MSD	Q1694-01MSD	BM049823.D	04/04/2025
TP-18MS	Q1694-01MS	BM049831.D	04/04/2025
B-9	Q1698-01	BM049813.D	04/03/2025
B-10	Q1698-07	BM049809.D	04/03/2025

COMMENTS: _____



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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: TULL02Lab Code: CHEMSAS No.: Q1698 SDG NO.: Q1698Lab File ID: BM049705.DDFTPP Injection Date: 03/13/2025Instrument ID: BNA_MDFTPP Injection Time: 08:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.2
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	40.9
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	24.7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.2
442	Greater than 50% of mass 198	63.7
443	15.0 - 24.0% of mass 442	12.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM049706.D	03/13/2025	09:02
SSTDICC005	SSTDICC005	BM049707.D	03/13/2025	09:42
SSTDICC010	SSTDICC010	BM049708.D	03/13/2025	10:21
SSTDICC020	SSTDICC020	BM049709.D	03/13/2025	11:00
SSTDICCC040	SSTDICCC040	BM049710.D	03/13/2025	11:39
SSTDICC050	SSTDICC050	BM049711.D	03/13/2025	12:19
SSTDICC060	SSTDICC060	BM049712.D	03/13/2025	12:58
SSTDICC080	SSTDICC080	BM049713.D	03/13/2025	13:37



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: TULL02Lab Code: CHEMSAS No.: Q1698 SDG NO.: Q1698Lab File ID: BM049799.DDFTPP Injection Date: 04/03/2025Instrument ID: BNA_MDFTPP Injection Time: 10:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	35.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	40.7
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	11.2
442	Greater than 50% of mass 198	68.9
443	15.0 - 24.0% of mass 442	13.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM049800.D	04/03/2025	11:17
B-10	Q1698-07	BM049809.D	04/03/2025	17:14
B-9	Q1698-01	BM049813.D	04/03/2025	19:50



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: TULL02Lab Code: CHEMSAS No.: Q1698 SDG NO.: Q1698Lab File ID: BM049816.DDFTPP Injection Date: 04/04/2025Instrument ID: BNA_MDFTPP Injection Time: 08:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	19.3
68	Less than 2.0% of mass 69	0.3 (1.4) 1
69	Mass 69 relative abundance	23.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	31.5
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	26.9
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	76.5
443	15.0 - 24.0% of mass 442	15 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM049817.D	04/04/2025	10:38
PB167436BL	PB167436BL	BM049818.D	04/04/2025	11:17
PB167436BS	PB167436BS	BM049819.D	04/04/2025	11:56
TP-18MSD	Q1694-01MSD	BM049823.D	04/04/2025	14:43
B-9DL	Q1698-01DL	BM049825.D	04/04/2025	16:01
TP-18MS	Q1694-01MS	BM049831.D	04/04/2025	19:56

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698 SDG NO.: Q1698

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/03/2025

Lab File ID: BM049800.D Time Analyzed: 11:17

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	308620	7.786	1039480	10.58	628522	14.43
UPPER LIMIT	617240	8.286	2078960	11.08	1257040	14.927
LOWER LIMIT	154310	7.286	519740	10.08	314261	13.927
EPA SAMPLE NO.						
01 B-9	435546	7.79	1542180	10.59	1004700	14.43
02 B-10	325331	7.79	1134200	10.58	729737	14.43

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698 SDG NO.: Q1698

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/03/2025

Lab File ID: BM049800.D Time Analyzed: 11:17

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	1166790	17.168	1142790	21.403	1130600	24.403
UPPER LIMIT	2333580	17.668	2285580	21.903	2261200	24.903
LOWER LIMIT	583395	16.668	571395	20.903	565300	23.903
EPA SAMPLE NO.						
01 B-9	1941510	17.17	2030570	21.41	2035420	24.42
02 B-10	1449580	17.17	1521360	21.40	1553150	24.40

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698 SDG NO.: Q1698

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/04/2025

Lab File ID: BM049817.D Time Analyzed: 10:38

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	383759	7.787	1277770	10.58	777422	14.43
UPPER LIMIT	767518	8.287	2555540	11.08	1554840	14.933
LOWER LIMIT	191880	7.287	638885	10.08	388711	13.933
EPA SAMPLE NO.						
01 PB167436BL	411389	7.79	1389930	10.58	844008	14.43
02 PB167436BS	400596	7.79	1349920	10.58	818489	14.43
03 TP-18MS	356782	7.79	1294300	10.59	862231	14.43
04 TP-18MSD	283573	7.79	1050550	10.58	720854	14.43
05 B-9DL	261430	7.79	943325	10.58	644095	14.43

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698 SDG NO.: Q1698

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/04/2025

Lab File ID: BM049817.D Time Analyzed: 10:38

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	1430090	17.168	1221500	21.403	1206740	24.409
UPPER LIMIT	2860180	17.668	2443000	21.903	2413480	24.909
LOWER LIMIT	715045	16.668	610750	20.903	603370	23.909
EPA SAMPLE NO.						
01 PB167436BL	1547900	17.17	1260670	21.40	1277570	24.40
02 PB167436BS	1501690	17.17	1349010	21.41	1305540	24.41
03 TP-18MS	1735840	17.17	1721480	21.42	1866540	24.42
04 TP-18MSD	1520330	17.17	1576200	21.41	1548770	24.41
05 B-9DL	1344830	17.17	1405980	21.40	1484470	24.40

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	04/02/25
Project:	MTA Rockaway Park	Date Received:	04/02/25
Client Sample ID:	B-9	SDG No.:	Q1698
Lab Sample ID:	Q1698-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049813.D	5	04/03/25 09:25	04/03/25 19:50	PB167436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	4.50		0.12	0.91	mg/Kg
208-96-8	Acenaphthylene	1.60		0.16	0.91	mg/Kg
83-32-9	Acenaphthene	3.40		0.11	0.91	mg/Kg
86-73-7	Fluorene	3.20		0.14	0.91	mg/Kg
85-01-8	Phenanthrene	25.2	E	0.11	0.91	mg/Kg
120-12-7	Anthracene	5.70		0.18	0.91	mg/Kg
206-44-0	Fluoranthene	21.3	E	0.16	0.91	mg/Kg
129-00-0	Pyrene	18.2	E	0.19	0.91	mg/Kg
56-55-3	Benzo(a)anthracene	9.70		0.12	0.91	mg/Kg
218-01-9	Chrysene	8.60		0.11	0.91	mg/Kg
205-99-2	Benzo(b)fluoranthene	9.40		0.10	0.91	mg/Kg
207-08-9	Benzo(k)fluoranthene	3.20		0.12	0.91	mg/Kg
50-32-8	Benzo(a)pyrene	9.00	Q	0.16	0.91	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4.10		0.16	0.91	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.20		0.15	0.91	mg/Kg
191-24-2	Benzo(g,h,i)perylene	4.80		0.14	0.91	mg/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	61.1		18 - 107	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.0		20 - 109	59%	SPK: 100
1718-51-0	Terphenyl-d14	53.8		10 - 105	54%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	436000		7.787		
1146-65-2	Naphthalene-d8	1540000		10.586		
15067-26-2	Acenaphthene-d10	1000000		14.433		
1517-22-2	Phenanthrene-d10	1940000		17.174		
1719-03-5	Chrysene-d12	2030000		21.409		
1520-96-3	Perylene-d12	2040000		24.421		

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	04/02/25
Project:	MTA Rockaway Park	Date Received:	04/02/25
Client Sample ID:	B-9	SDG No.:	Q1698
Lab Sample ID:	Q1698-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049813.D	5	04/03/25 09:25	04/03/25 19:50	PB167436

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\BM040325\
 Data File : BM049813.D
 Acq On : 03 Apr 2025 19:50
 Operator : RC/JU
 Sample : Q1698-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-9

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 01:01:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	435546	20.000	ng	-0.02
21) Naphthalene-d8	10.586	136	1542177	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	1004697	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1941511	20.000	ng	-0.01
76) Chrysene-d12	21.409	240	2030569	20.000	ng	-0.02
86) Perylene-d12	24.421	264	2035421	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	468462	18.148	ng	-0.02
7) Phenol-d6	6.957	99	626584	19.343	ng	-0.02
23) Nitrobenzene-d5	8.939	82	367328	12.229	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	197028	16.794	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	947142	11.806	ng	-0.02
79) Terphenyl-d14	19.798	244	1297452	10.767	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.634	128	2013936	25.397	ng	100
37) 2-Methylnaphthalene	12.245	142	600336	10.827	ng	100
38) 1-Methylnaphthalene	12.469	142	401737	7.509	ng	98
46) 1,1'-Biphenyl	13.263	154	234554	3.029	ng	99
49) Acenaphthylene	14.151	152	754842	8.960	ng	98
52) Acenaphthene	14.492	154	1036081	18.749	ng	99
55) Dibenzofuran	14.827	168	1419105	15.411	ng	98
58) Fluorene	15.480	166	1350532	18.014	ng	99
71) Phenanthrene	17.215	178	15212349m	141.107	ng	
72) Anthracene	17.304	178	3337084	31.962	ng	100
73) Carbazole	17.574	167	1257723	13.302	ng	99
75) Fluoranthene	19.233	202	14763292	118.946	ng	79
78) Pyrene	19.592	202	14462964	101.947	ng	# 88
81) Benzo(a)anthracene	21.398	228	7322439	53.989	ng	96
83) Chrysene	21.456	228	6214212	48.334	ng	97
87) Indeno(1,2,3-cd)pyrene	27.815	276	3329494	22.727	ng	97
88) Benzo(b)fluoranthene	23.480	252	7183104	52.396	ng	97
89) Benzo(k)fluoranthene	23.533	252	2428769m	18.005	ng	
90) Benzo(a)pyrene	24.280	252	5791907	50.298	ng	97
91) Dibenzo(a,h)anthracene	27.844	278	795821	6.520	ng	# 90
92) Benzo(g,h,i)perylene	28.873	276	3276564	26.650	ng	99

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

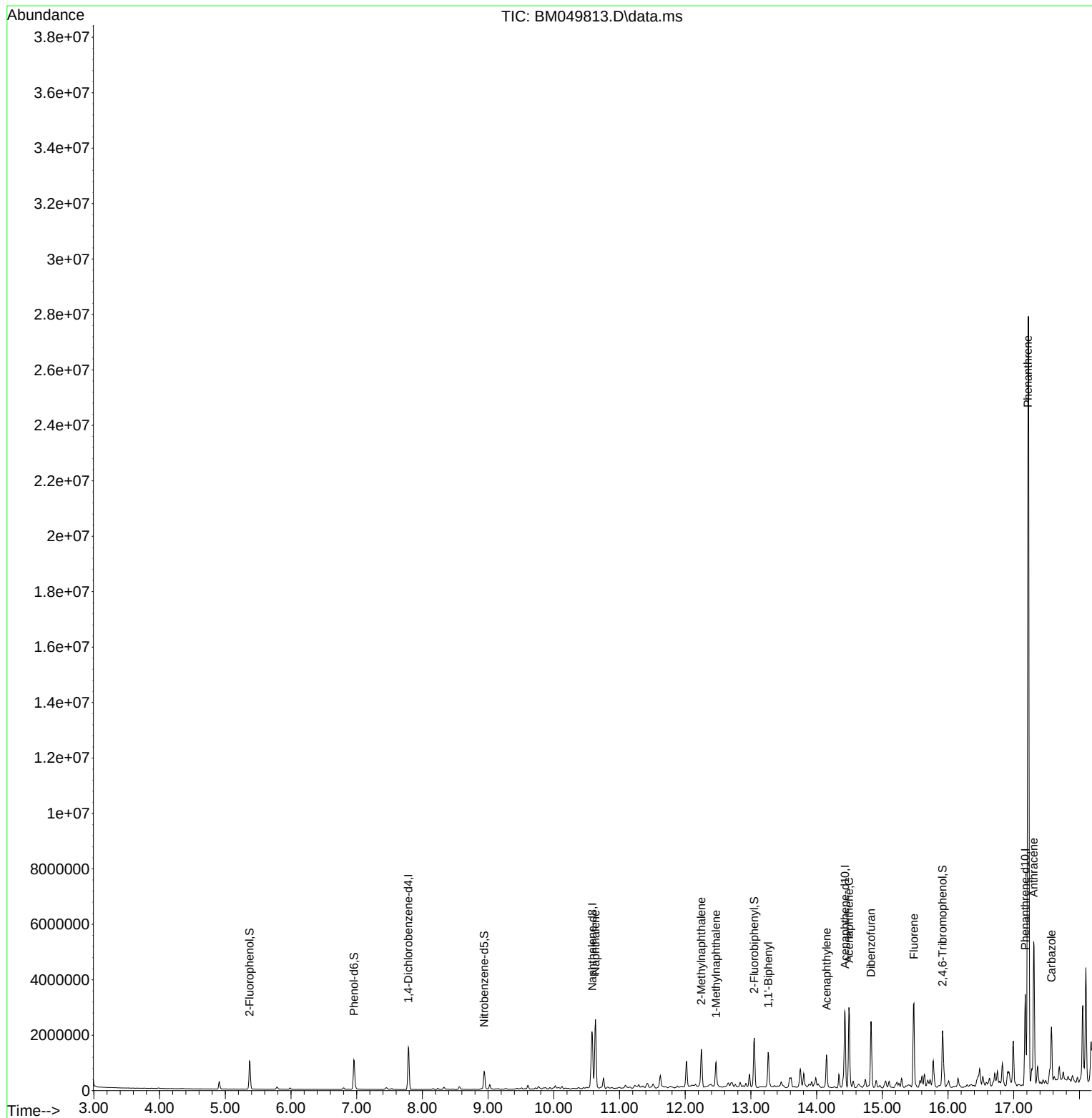
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Data File : BM049813.D
Acq On : 03 Apr 2025 19:50
Operator : RC/JU
Sample : Q1698-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 01:01:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration



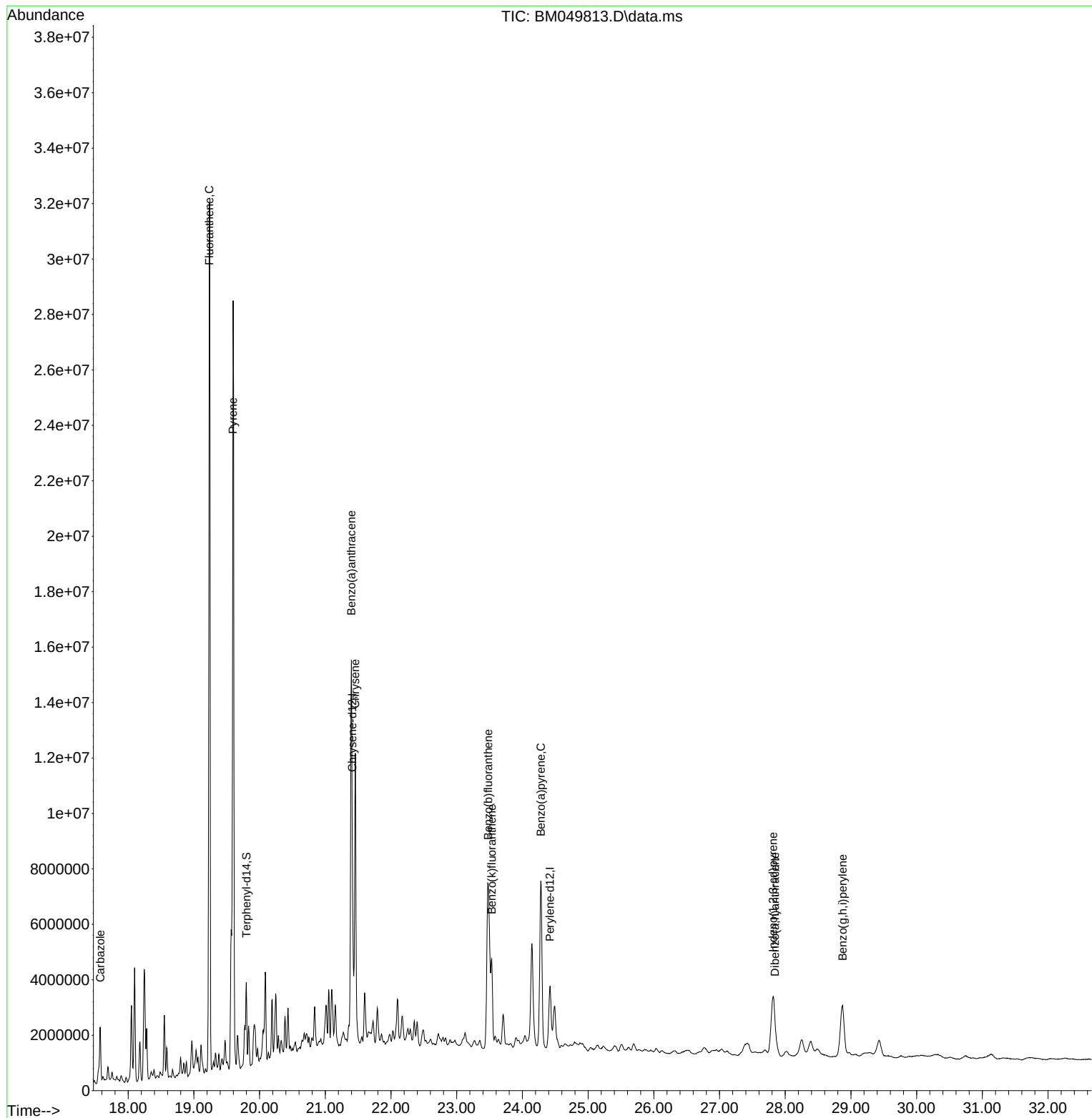
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Operator : RC/JU
Sample : Q1698-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

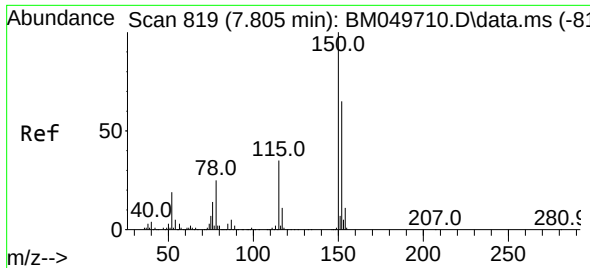
Instrument :
BNA_M
ClientSampleId :
B-9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

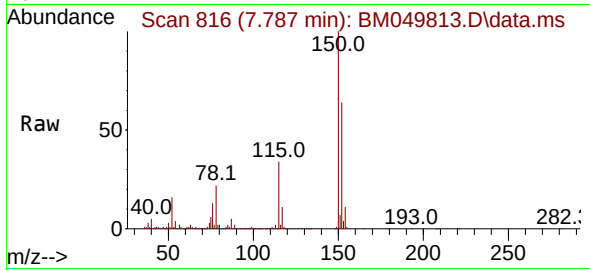
Quant Time: Apr 04 01:01:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

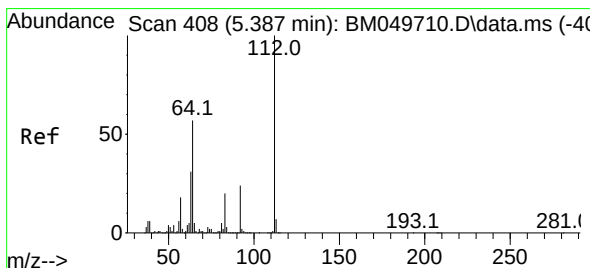
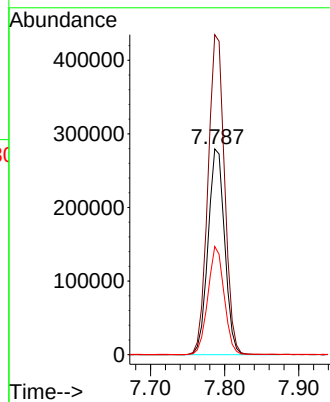
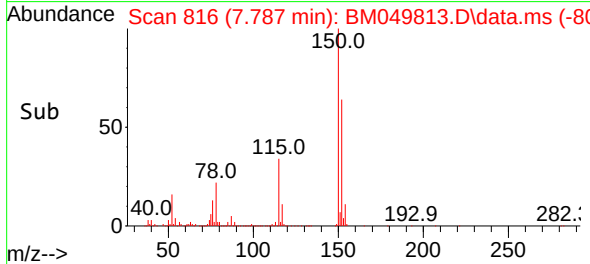
Instrument :
BNA_M
ClientSampleId :
B-9



Tgt Ion:152 Resp: 435540
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.8
115 52.6 43.0 64.6

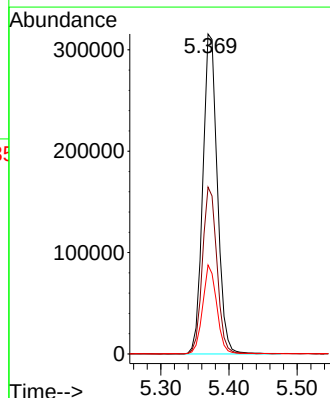
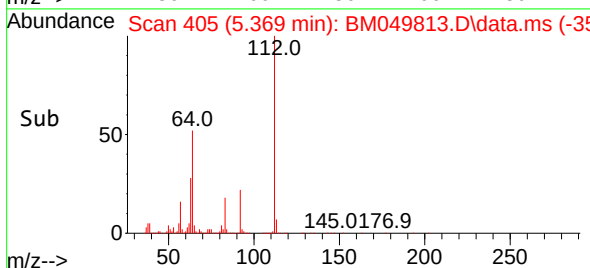
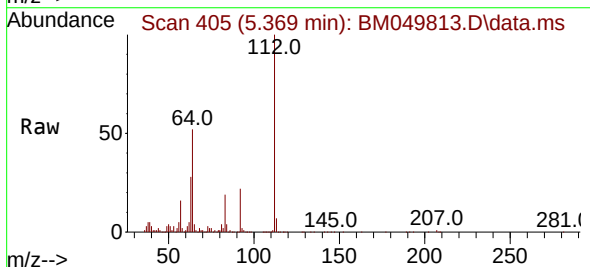
Manual Integrations
APPROVED

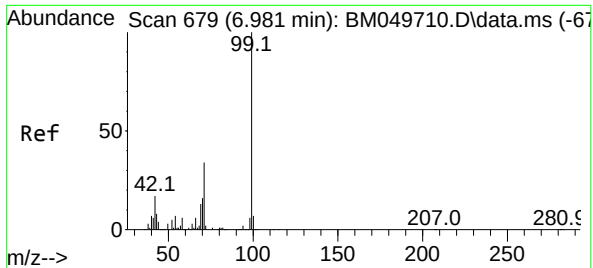
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#5
2-Fluorophenol
Concen: 18.148 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

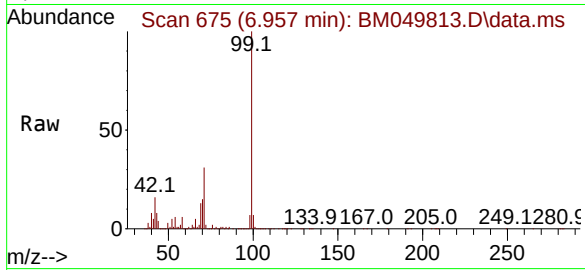
Tgt Ion:112 Resp: 468462
Ion Ratio Lower Upper
112 100
64 52.1 45.3 67.9
63 27.8 24.4 36.6





#7
Phenol-d6
Concen: 19.343 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

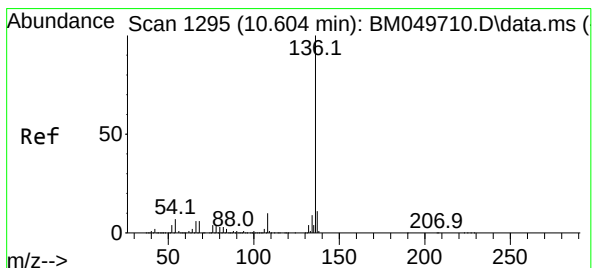
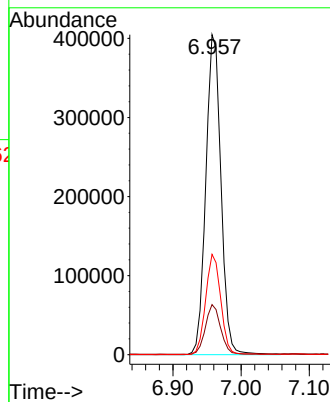
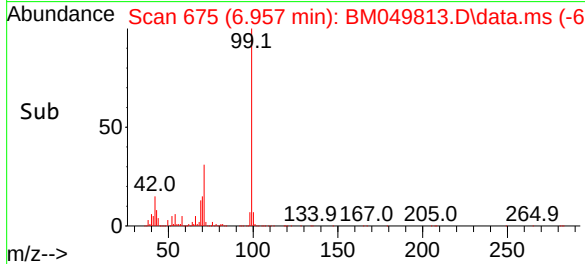
Instrument :
BNA_M
ClientSampleId :
B-9



Tgt Ion: 99 Resp: 626584
Ion Ratio Lower Upper
99 100
42 15.6 13.6 20.4
71 31.4 27.0 40.6

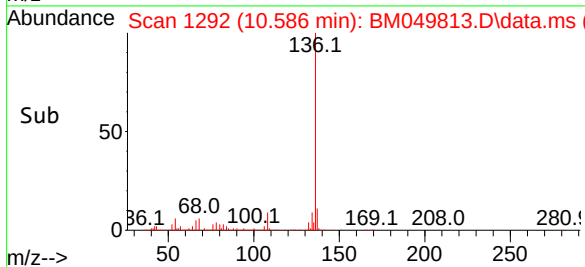
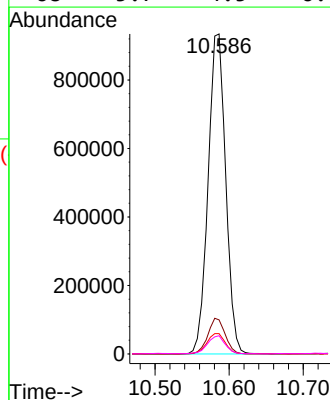
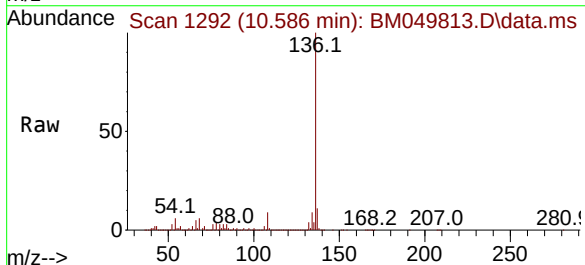
Manual Integrations
APPROVED

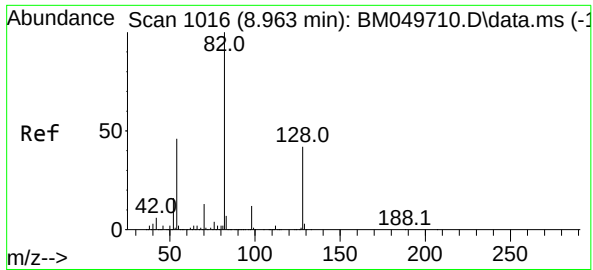
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

Tgt Ion:136 Resp: 1542177
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.4 5.8 8.8
68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 12.229 ng

RT: 8.939 min Scan# 1016

Delta R.T. -0.024 min

Lab File: BM049813.D

Acq: 03 Apr 2025 19:50

Instrument :

BNA_M

ClientSampleId :

B-9

Tgt Ion: 82 Resp: 367328

Ion Ratio Lower Upper

82 100

128 42.4 33.4 50.0

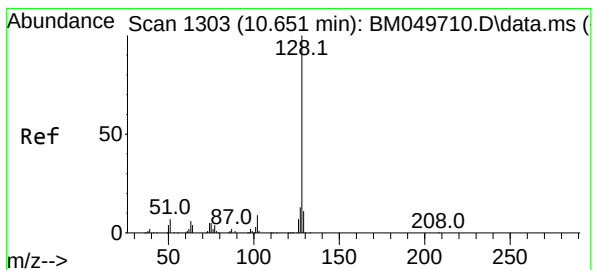
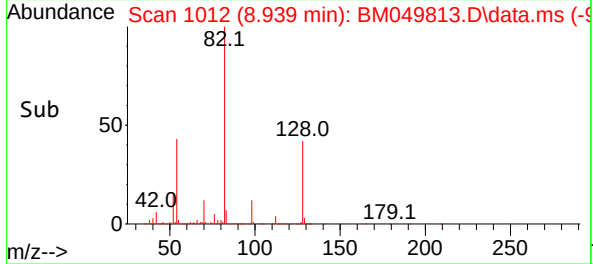
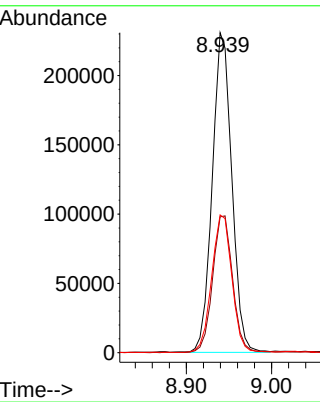
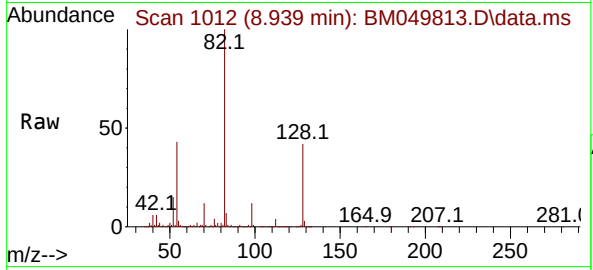
54 43.1 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#31

Naphthalene

Concen: 25.397 ng

RT: 10.634 min Scan# 1300

Delta R.T. -0.018 min

Lab File: BM049813.D

Acq: 03 Apr 2025 19:50

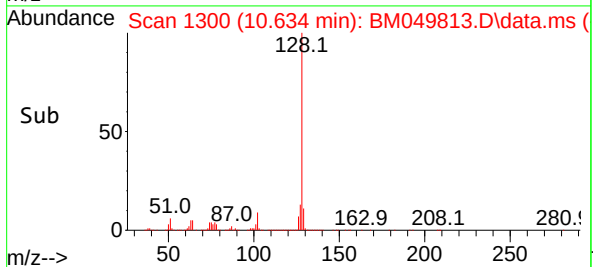
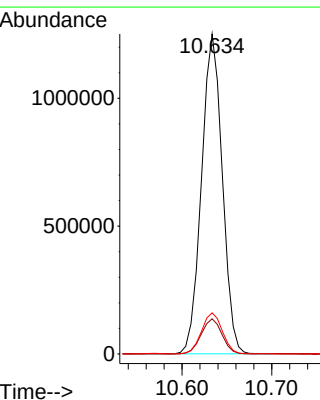
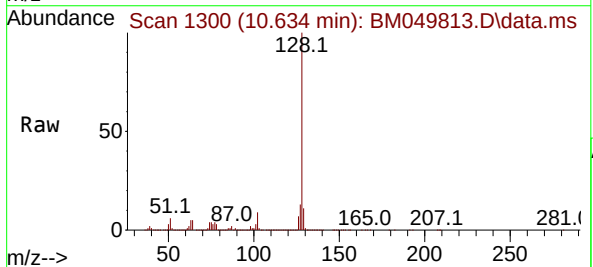
Tgt Ion:128 Resp: 2013936

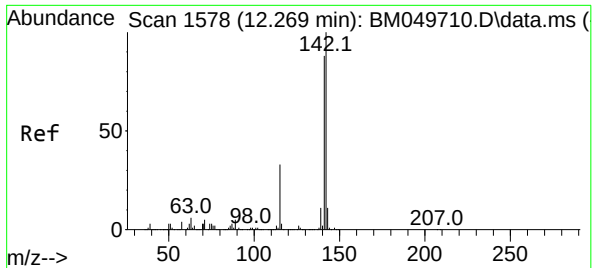
Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

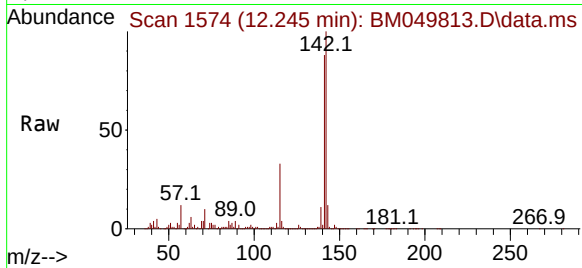
127 12.9 10.4 15.6





#37
2-Methylnaphthalene
Concen: 10.827 ng
RT: 12.245 min Scan# 1574
Delta R.T. -0.024 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

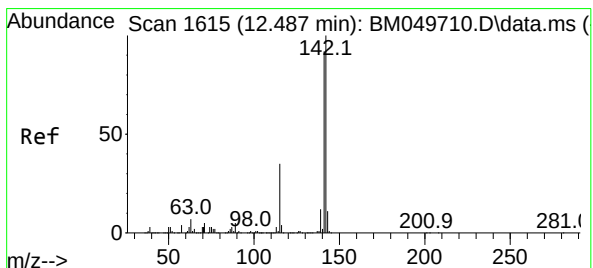
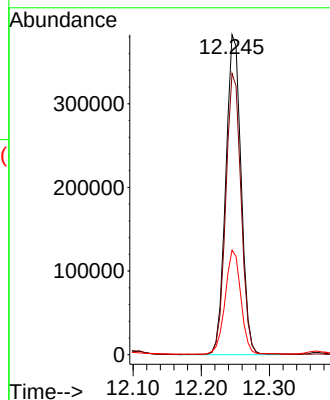
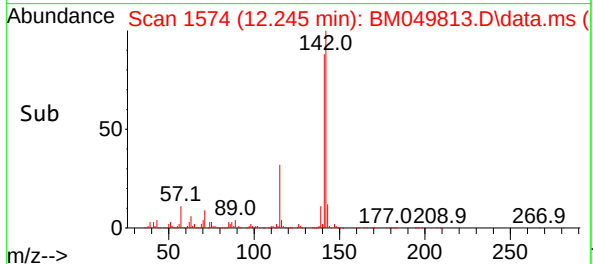
Instrument :
BNA_M
ClientSampleId :
B-9



Tgt Ion:142 Resp: 600330
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7
115 32.7 26.5 39.7

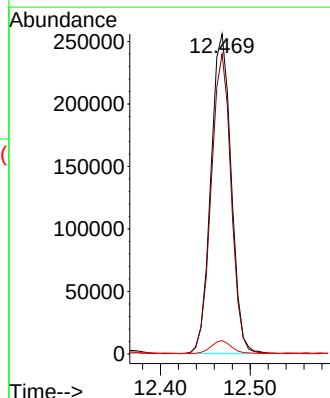
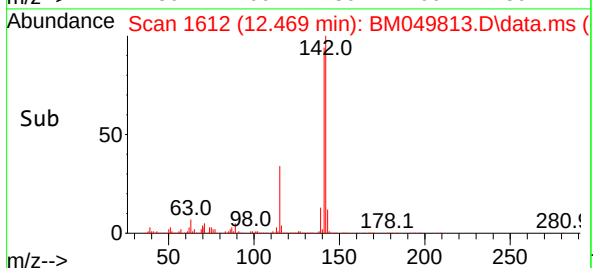
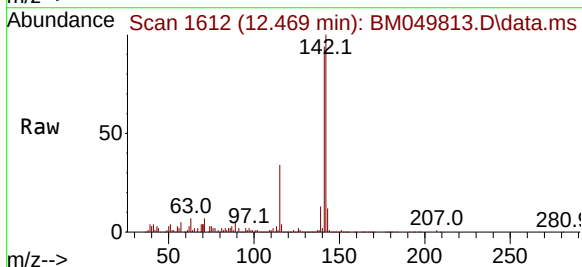
Manual Integrations
APPROVED

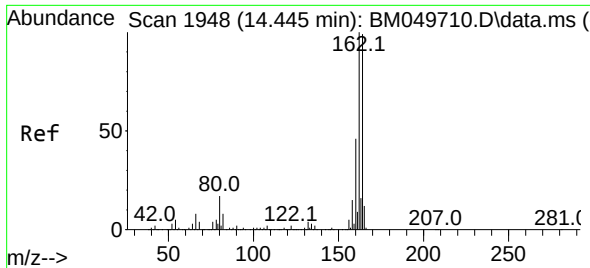
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#38
1-Methylnaphthalene
Concen: 7.509 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

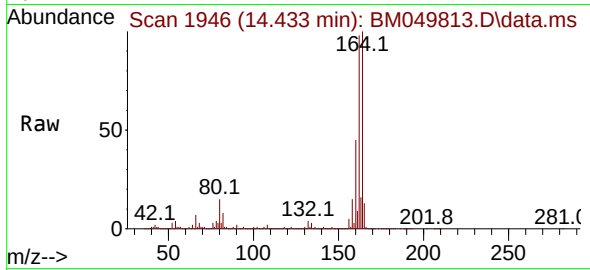
Tgt Ion:142 Resp: 401737
Ion Ratio Lower Upper
142 100
141 93.8 73.4 110.2
116 4.2 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

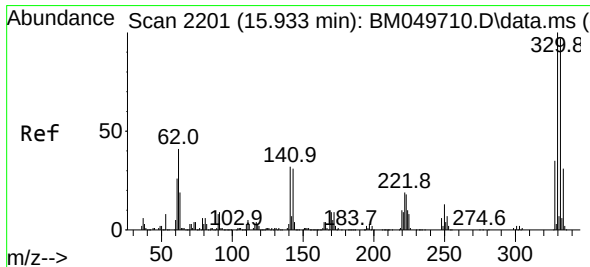
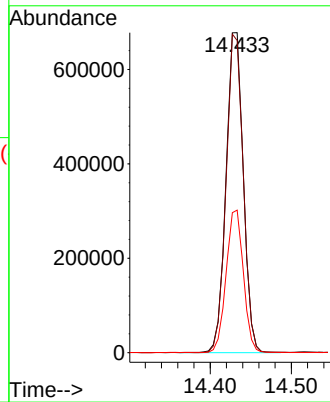
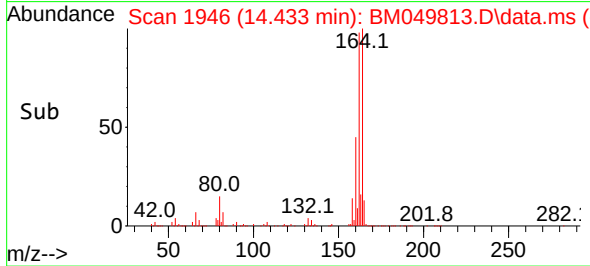
Instrument :
BNA_M
ClientSampleId :
B-9



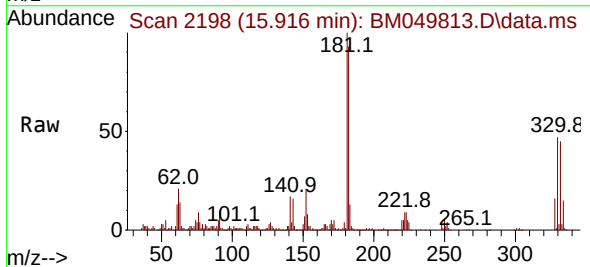
Tgt Ion:164 Resp: 100469
Ion Ratio Lower Upper
164 100
162 97.6 80.5 120.7
160 44.6 36.9 55.3

Manual Integrations
APPROVED

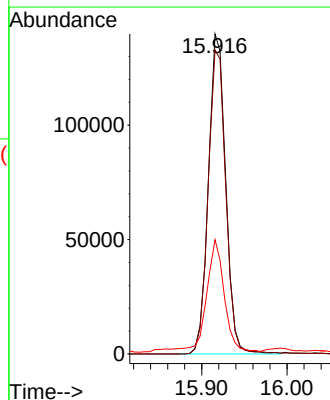
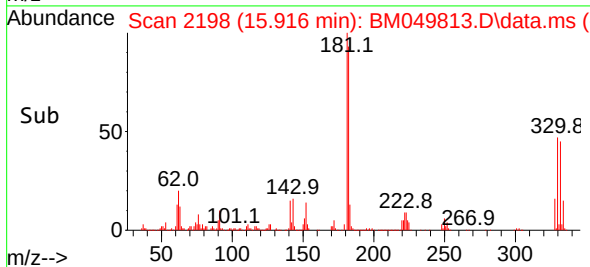
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

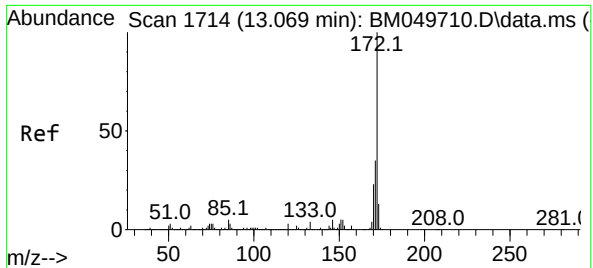


#42
2,4,6-Tribromophenol
Concen: 16.794 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50



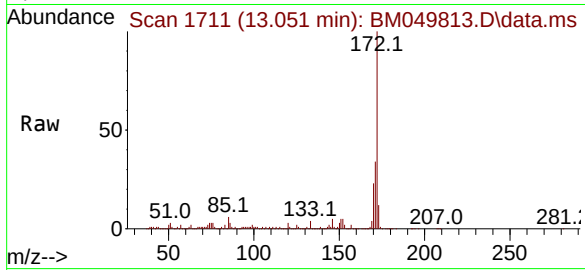
Tgt Ion:330 Resp: 197028
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 37.3 27.8 41.6





#45
2-Fluorobiphenyl
Concen: 11.806 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

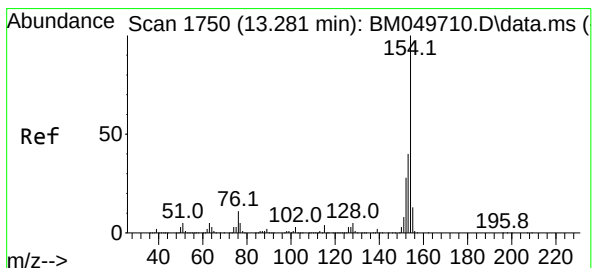
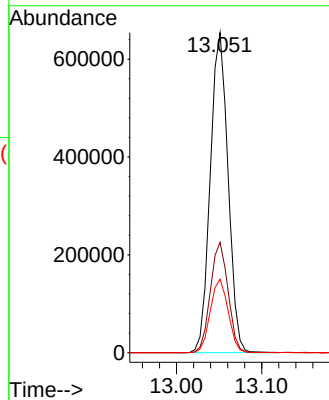
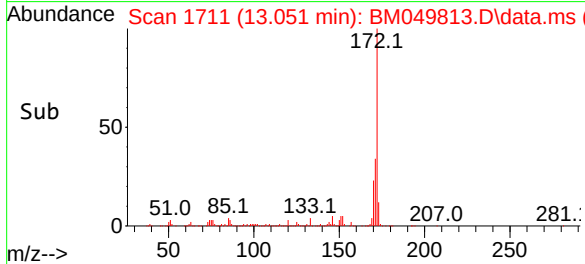
Instrument :
BNA_M
ClientSampleId :
B-9



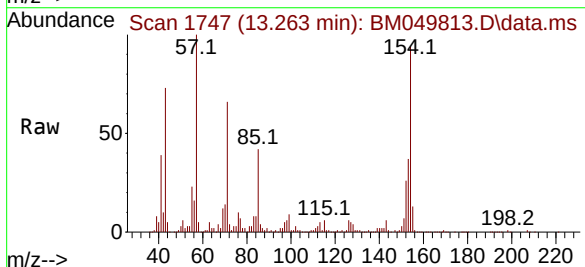
Tgt Ion:172 Resp: 94714
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.0 18.6 28.0

Manual Integrations
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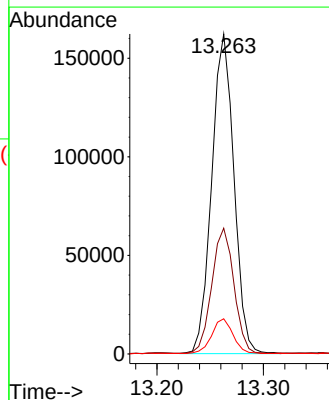
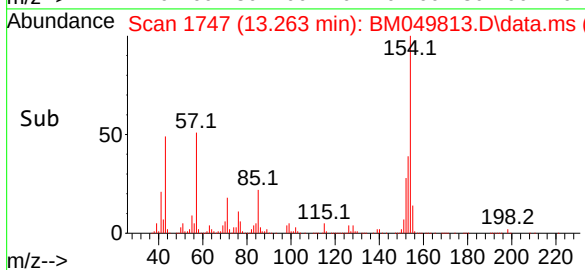
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

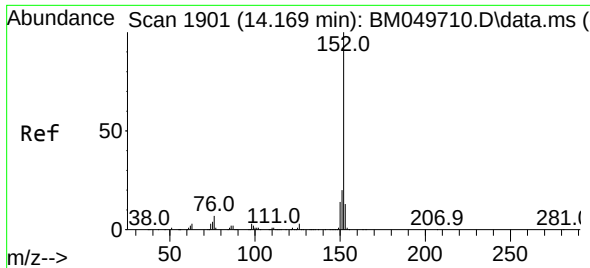


#46
1,1'-Biphenyl
Concen: 3.029 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50



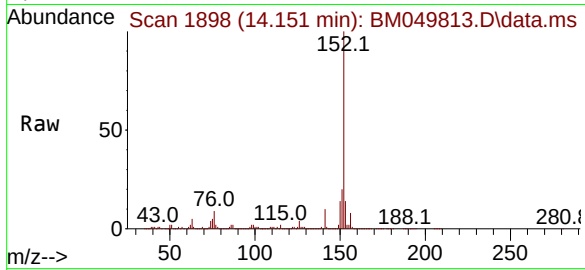
Tgt Ion:154 Resp: 234554
Ion Ratio Lower Upper
154 100
153 39.3 19.7 59.7
76 11.0 0.0 31.2





#49
Acenaphthylene
Concen: 8.960 ng
RT: 14.151 min Scan# 1898
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

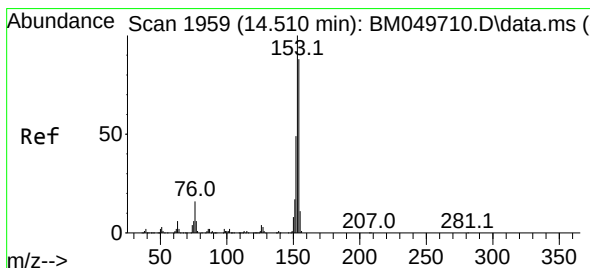
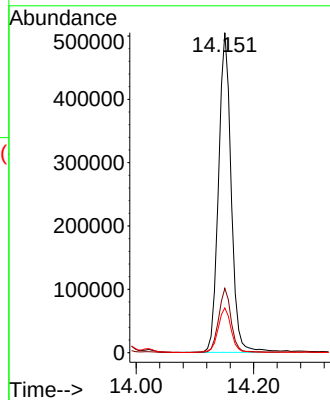
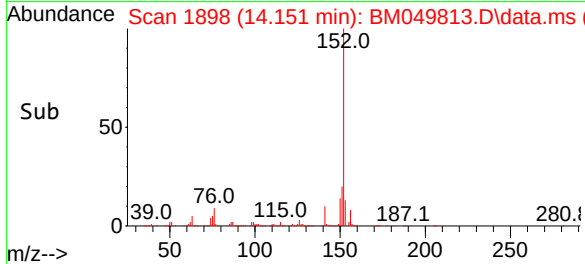
Instrument :
BNA_M
ClientSampleId :
B-9



Tgt Ion:152 Resp: 75484
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 14.0 10.2 15.4

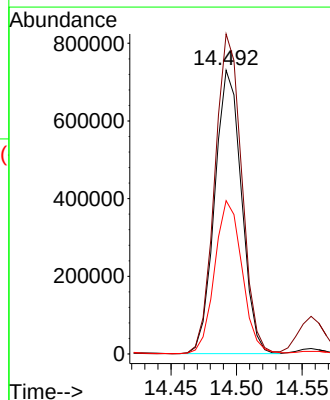
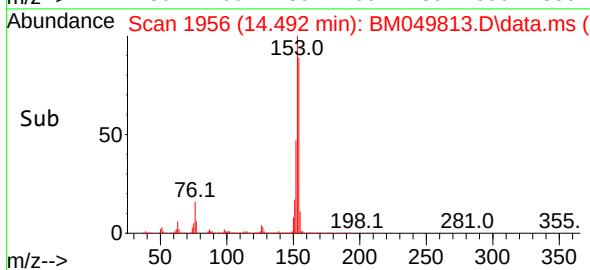
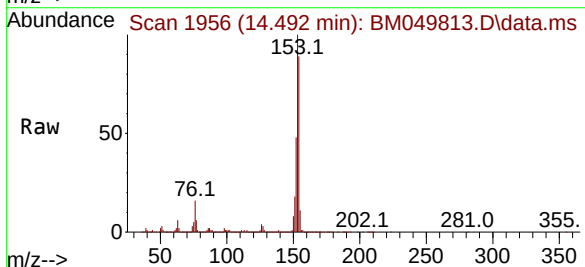
Manual Integrations
APPROVED

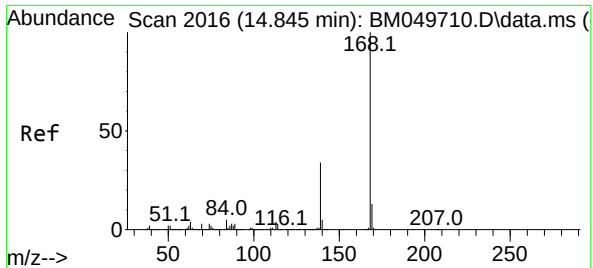
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#52
Acenaphthene
Concen: 18.749 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

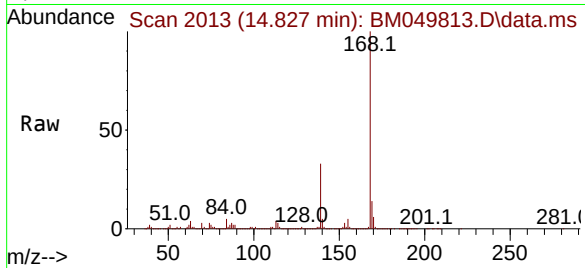
Tgt Ion:154 Resp: 1036081
Ion Ratio Lower Upper
154 100
153 112.8 90.4 135.6
152 54.0 44.2 66.2





#55
Dibenzofuran
Concen: 15.411 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

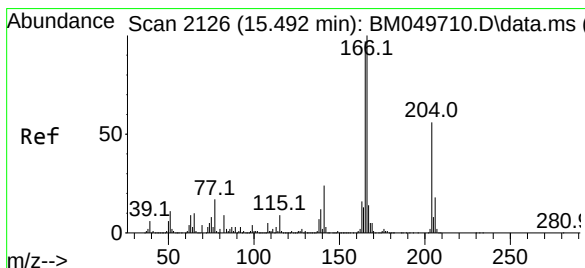
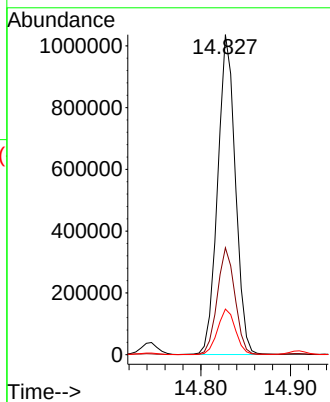
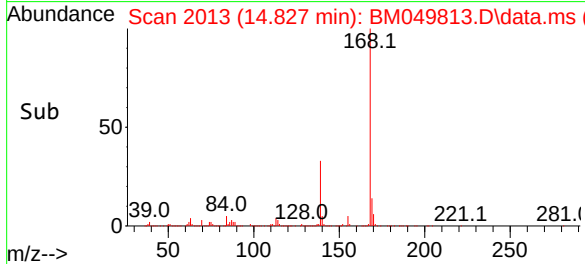
Instrument :
BNA_M
ClientSampleId :
B-9



Tgt Ion:168 Resp: 141910
Ion Ratio Lower Upper
168 100
139 33.4 27.4 41.0
169 14.3 10.7 16.1

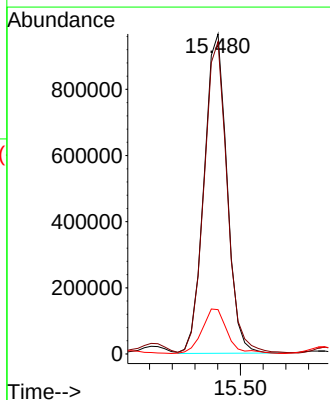
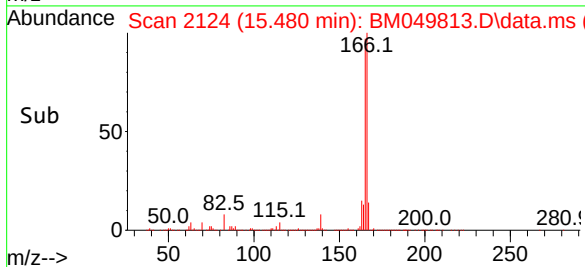
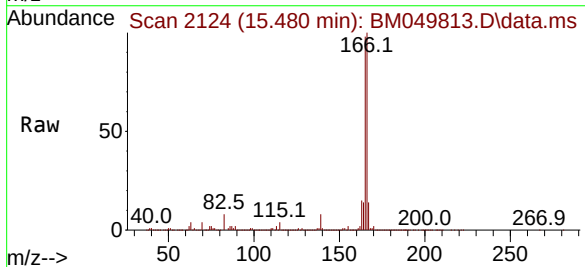
Manual Integrations
APPROVED

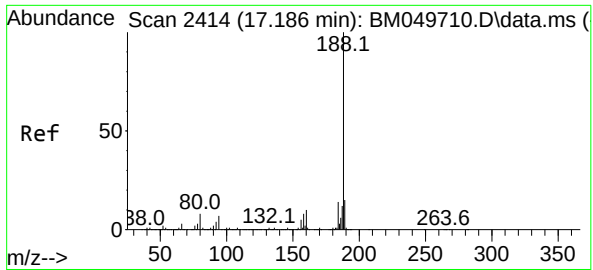
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#58
Fluorene
Concen: 18.014 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

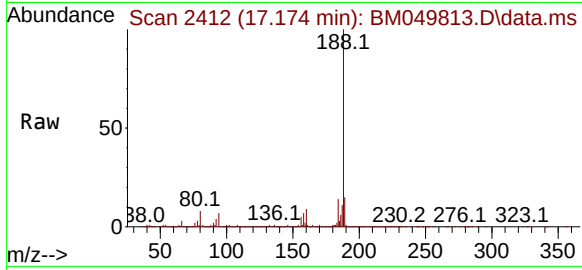
Tgt Ion:166 Resp: 1350532
Ion Ratio Lower Upper
166 100
165 97.6 77.5 116.3
167 13.8 10.9 16.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

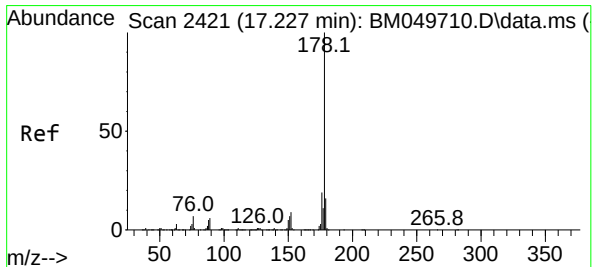
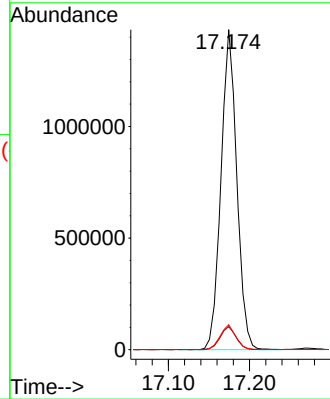
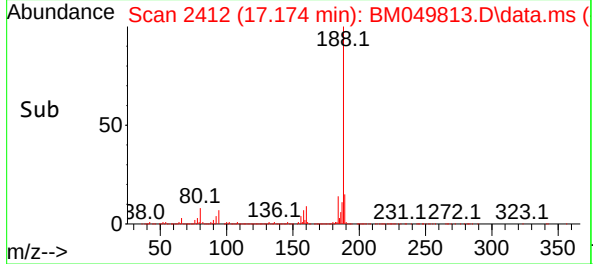
Instrument :
BNA_M
ClientSampleId :
B-9



Tgt Ion:188 Resp: 194151
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 7.8 6.3 9.5

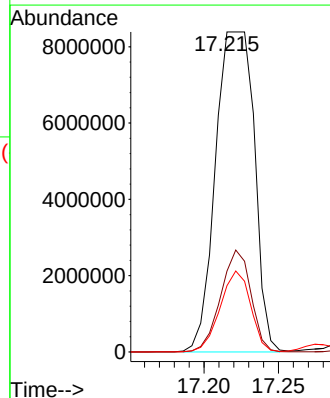
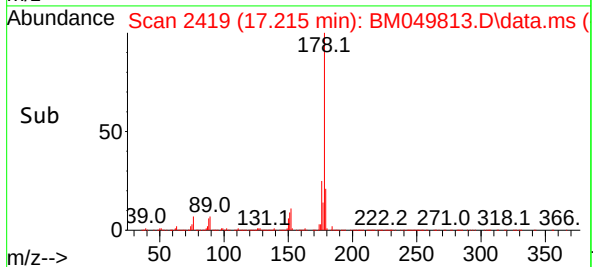
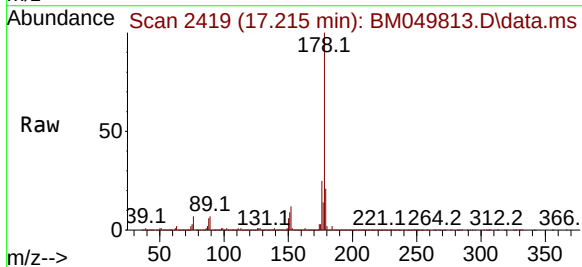
Manual Integrations
APPROVED

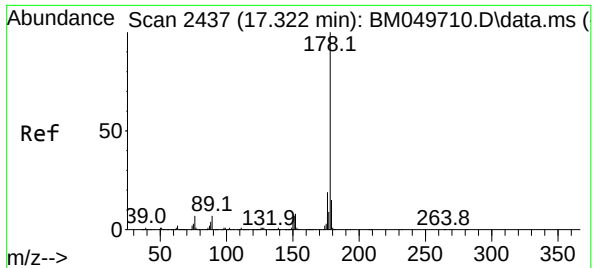
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#71
Phenanthrene
Concen: 141.107 ng m
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

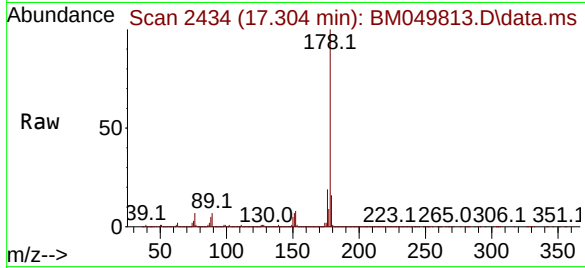
Tgt Ion:178 Resp:15212349
Ion Ratio Lower Upper
178 100
176 25.3 15.5 23.3#
179 20.7 12.5 18.7#





#72
Anthracene
Concen: 31.962 ng
RT: 17.304 min Scan# 2437
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

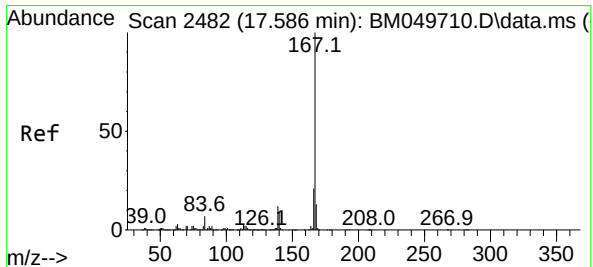
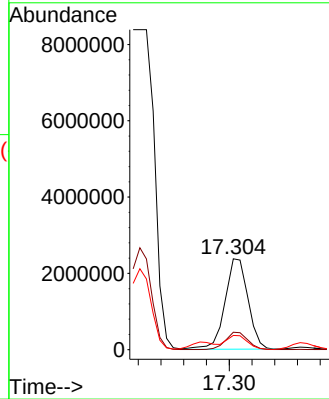
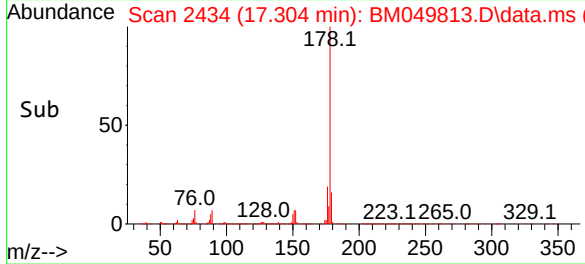
Instrument :
BNA_M
ClientSampleId :
B-9



Tgt Ion:178 Resp: 3337084
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.6 12.4 18.6

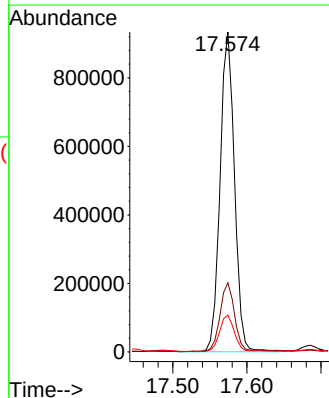
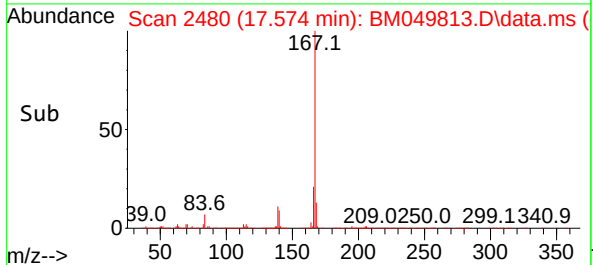
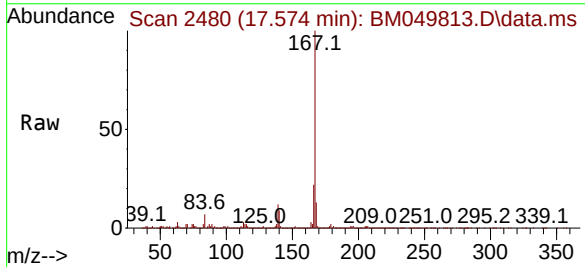
Manual Integrations
APPROVED

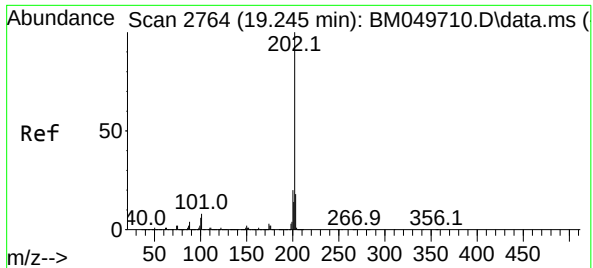
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#73
Carbazole
Concen: 13.302 ng
RT: 17.574 min Scan# 2480
Delta R.T. -0.012 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

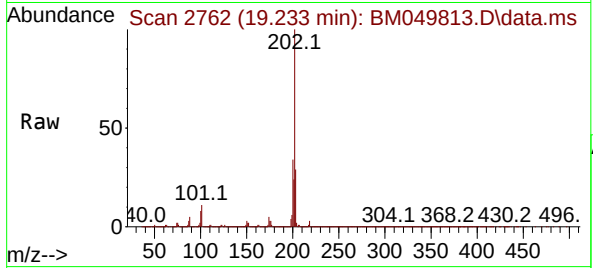
Tgt Ion:167 Resp: 1257723
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 11.6 9.4 14.2





#75
Fluoranthene
Concen: 118.946 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

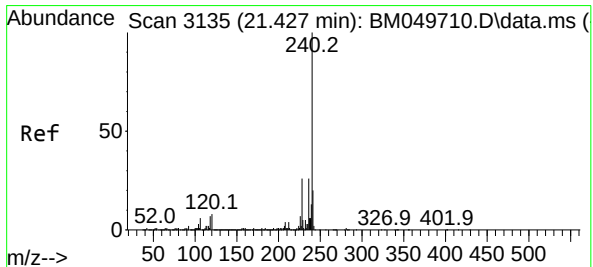
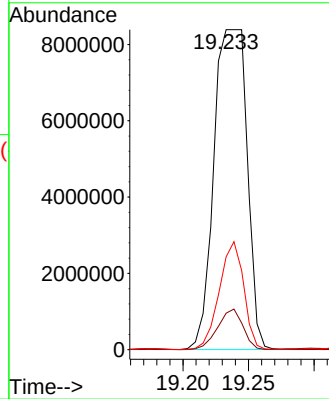
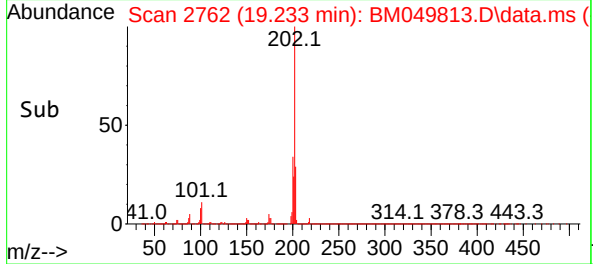
Instrument :
BNA_M
ClientSampleId :
B-9



Tgt Ion:202 Resp:1476329
Ion Ratio Lower Upper
202 100
101 11.4 0.0 27.8
203 29.0 0.0 37.6

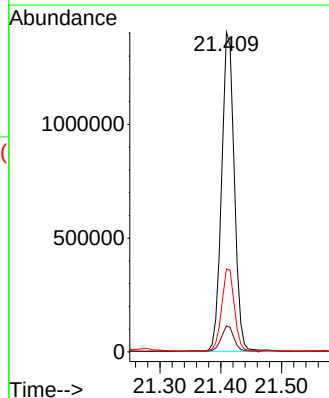
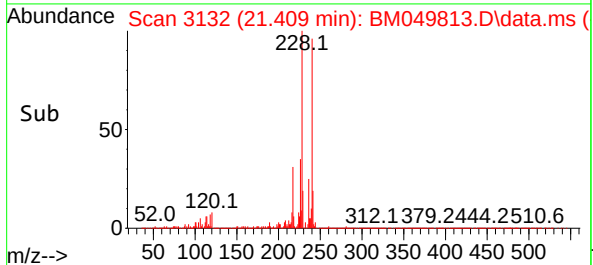
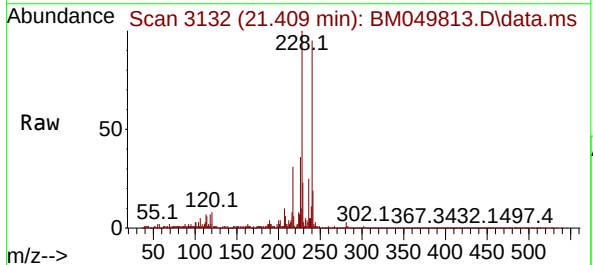
Manual Integrations
APPROVED

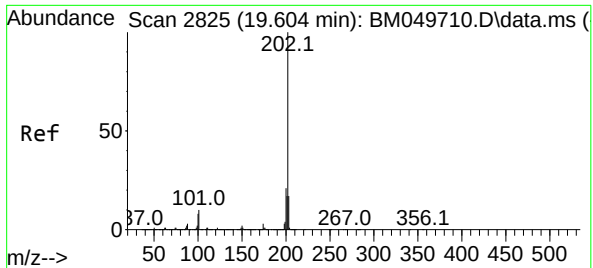
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

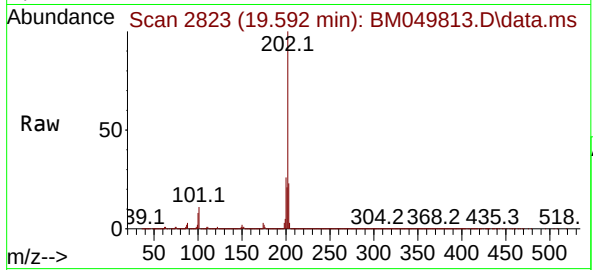
Tgt Ion:240 Resp: 2030569
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.9 20.7 31.1





#78
Pyrene
Concen: 101.947 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

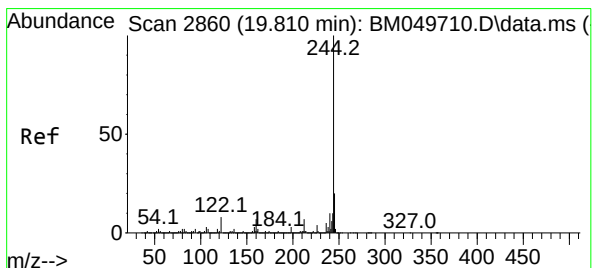
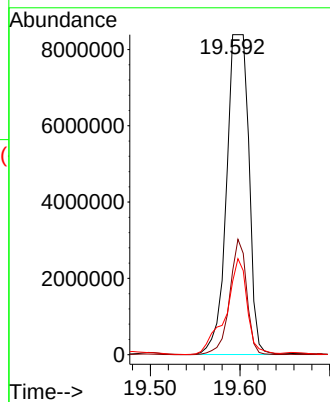
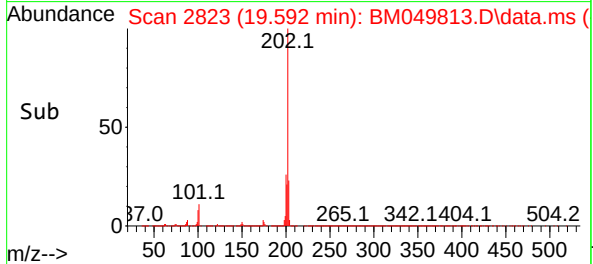
Instrument :
BNA_M
ClientSampleId :
B-9



Tgt Ion:202 Resp:14462964
Ion Ratio Lower Upper
202 100
200 26.3 17.0 25.4
203 23.0 14.0 21.0

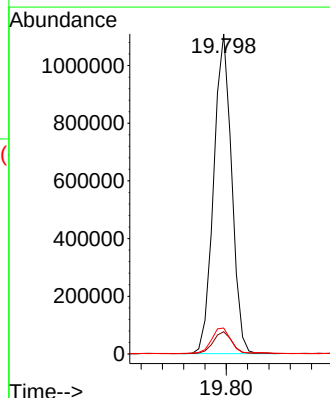
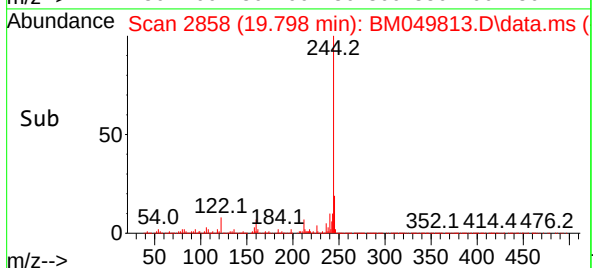
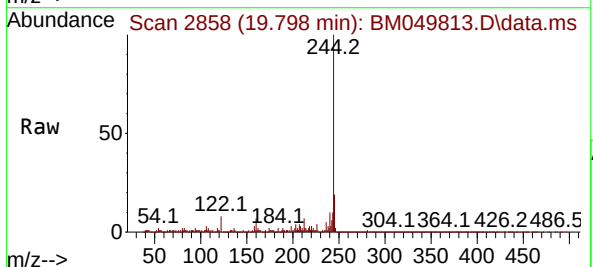
Manual Integrations
APPROVED

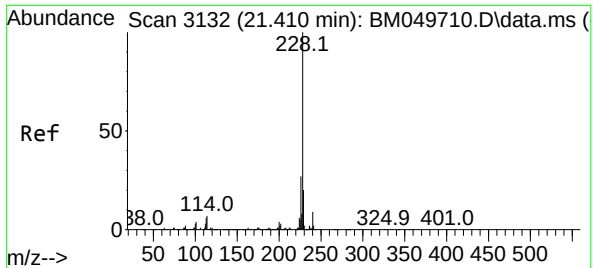
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#79
Terphenyl-d14
Concen: 10.767 ng
RT: 19.798 min Scan# 2858
Delta R.T. -0.012 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

Tgt Ion:244 Resp: 1297452
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 8.1 6.0 9.0





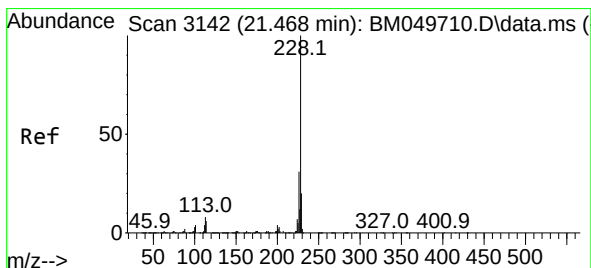
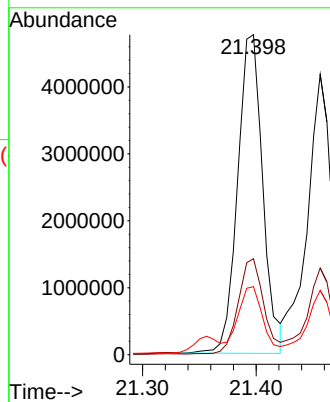
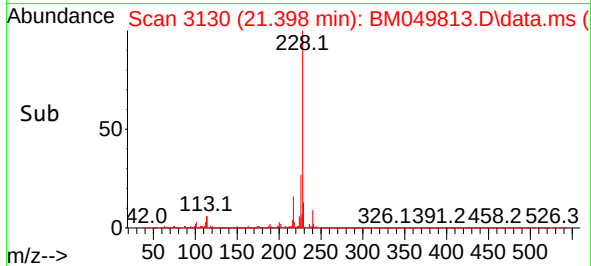
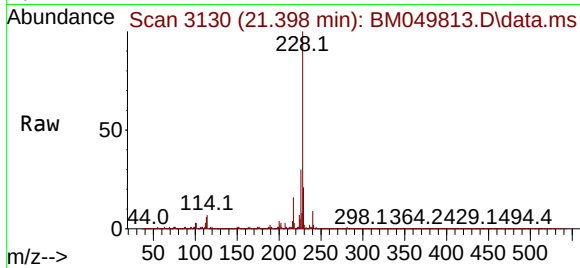
#81
Benzo(a)anthracene
Concen: 53.989 ng
RT: 21.398 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

Instrument :
BNA_M
ClientSampleId :
B-9

Tgt Ion:228 Resp: 7322439
Ion Ratio Lower Upper
228 100
226 30.0 22.0 33.0
229 21.2 15.8 23.8

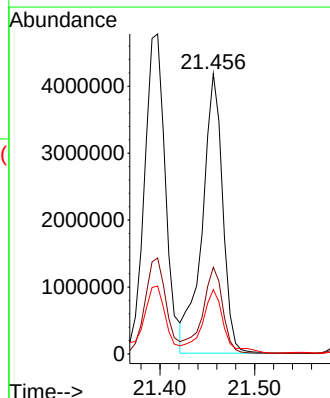
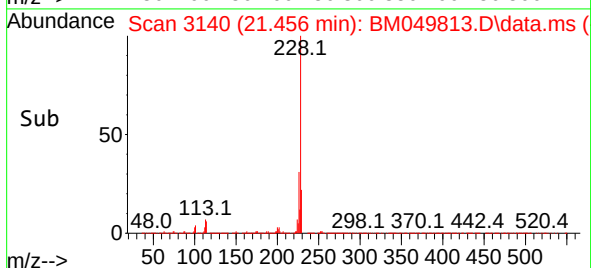
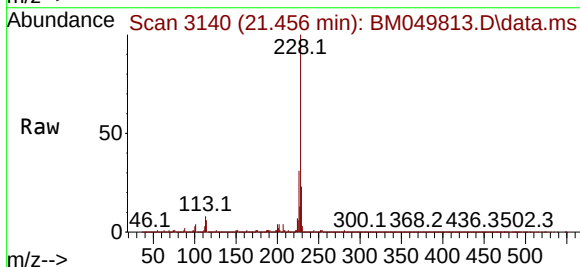
Manual Integrations
APPROVED

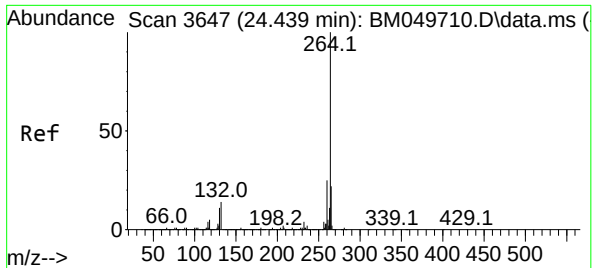
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#83
Chrysene
Concen: 48.334 ng
RT: 21.456 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

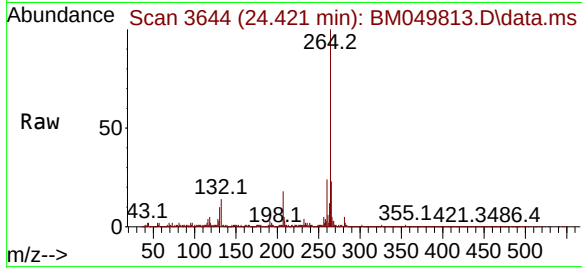
Tgt Ion:228 Resp: 6214212
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 23.0 15.8 23.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.421 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

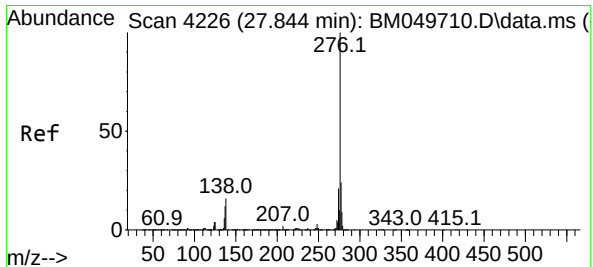
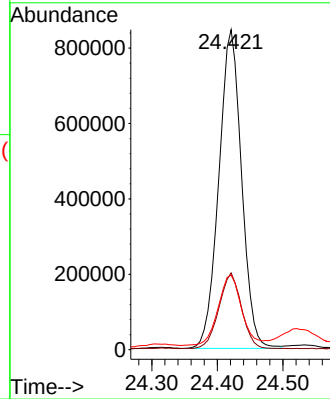
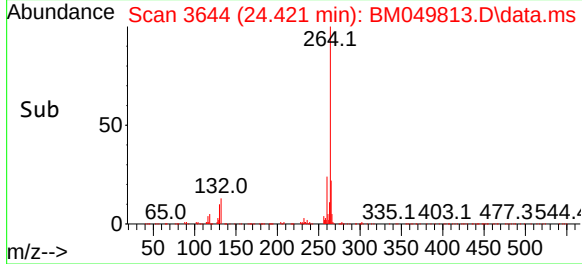
Instrument :
BNA_M
ClientSampleId :
B-9



Tgt Ion:264 Resp: 203542
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 23.4 18.2 27.2

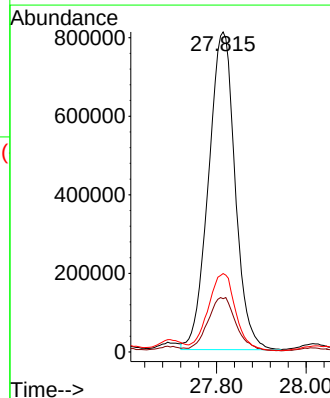
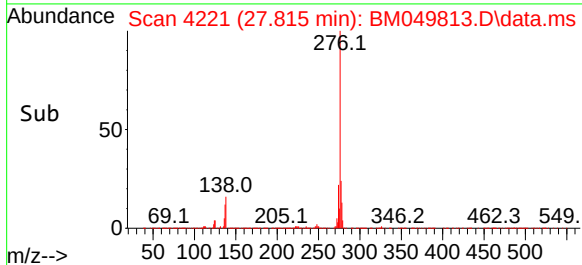
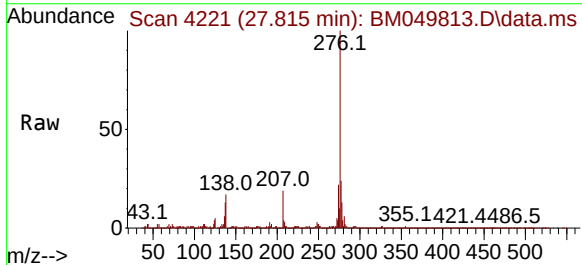
Manual Integrations
APPROVED

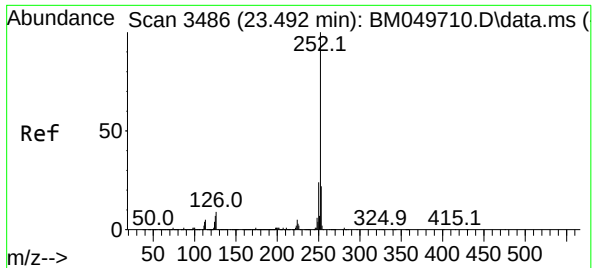
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 22.727 ng
RT: 27.815 min Scan# 4221
Delta R.T. -0.030 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

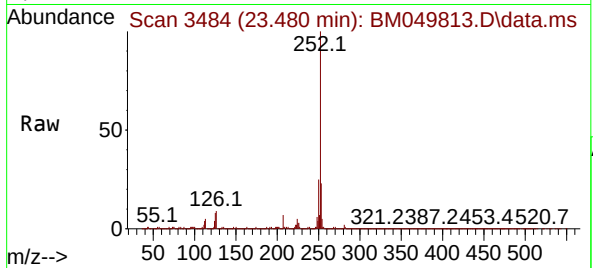
Tgt Ion:276 Resp: 3329494
Ion Ratio Lower Upper
276 100
138 17.8 16.3 24.5
277 24.9 19.9 29.9





#88
Benzo(b)fluoranthene
Concen: 52.396 ng
RT: 23.480 min Scan# 3484
Delta R.T. -0.012 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

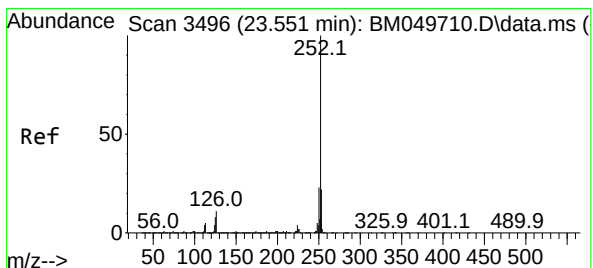
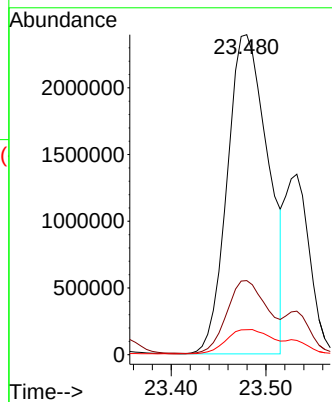
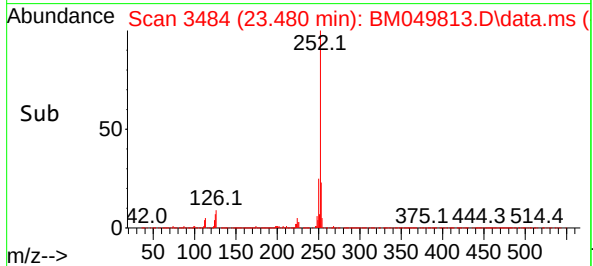
Instrument :
BNA_M
ClientSampleId :
B-9



Tgt Ion:252 Resp: 7183104
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 7.8 5.9 8.9

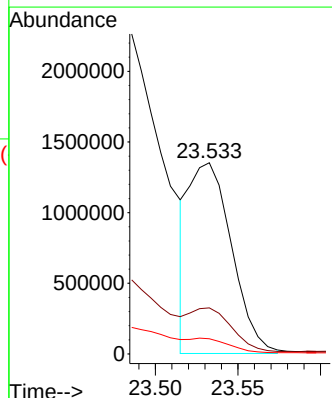
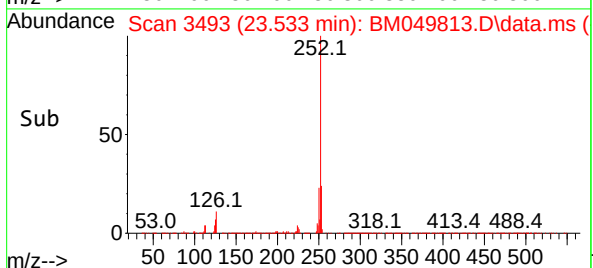
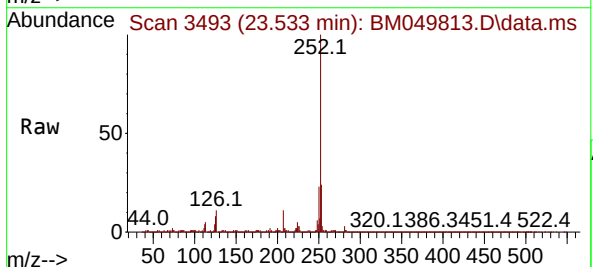
Manual Integrations
APPROVED

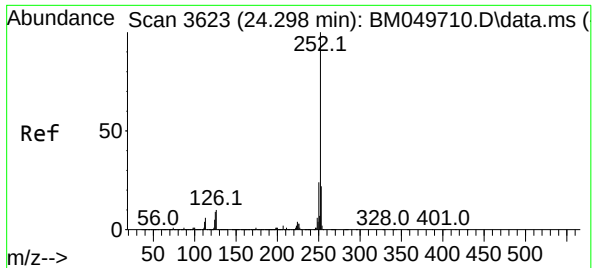
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#89
Benzo(k)fluoranthene
Concen: 18.005 ng m
RT: 23.533 min Scan# 3493
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

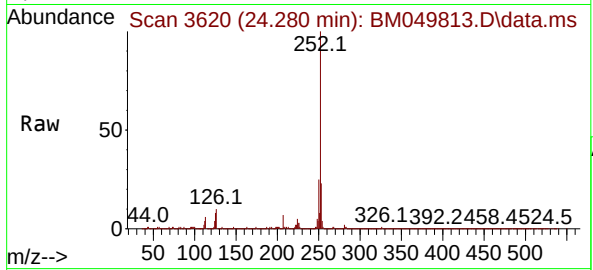
Tgt Ion:252 Resp: 2428769
Ion Ratio Lower Upper
252 100
253 24.1 17.3 25.9
125 7.9 6.2 9.2





#90
Benzo(a)pyrene
Concen: 50.298 ng
RT: 24.280 min Scan# 3620
Delta R.T. -0.018 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

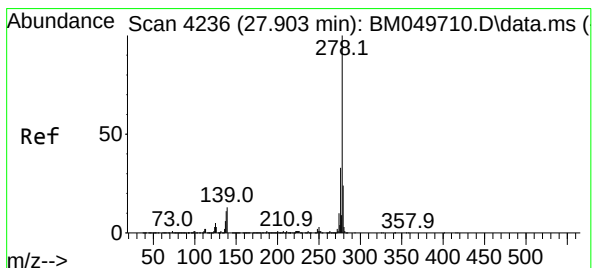
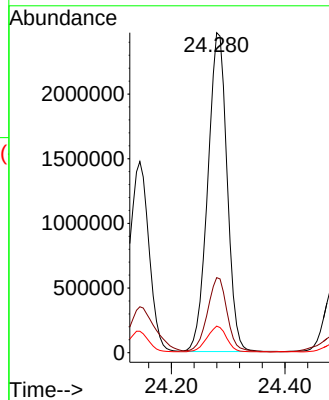
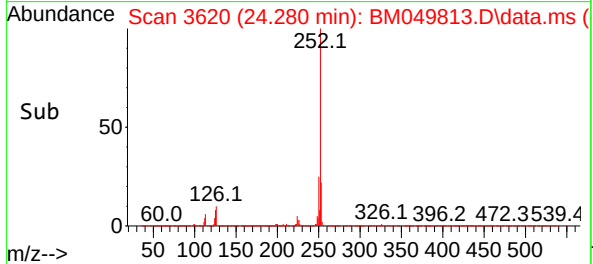
Instrument :
BNA_M
ClientSampleId :
B-9



Tgt Ion:252 Resp: 579190
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 8.3 7.0 10.6

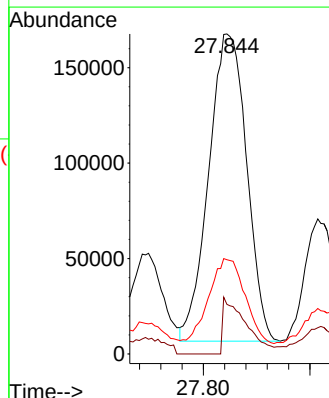
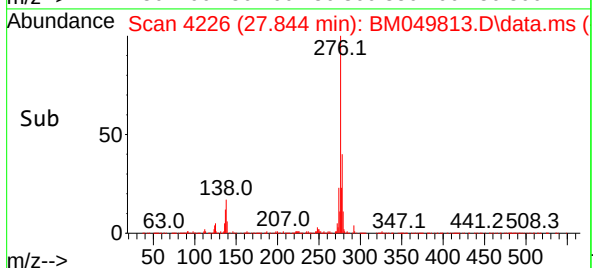
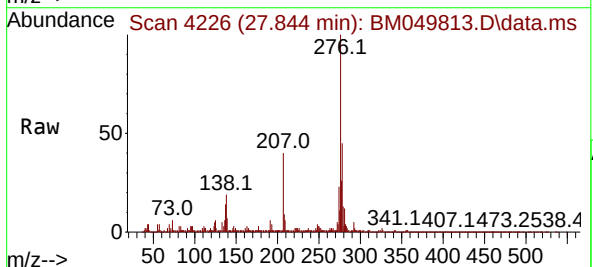
Manual Integrations
APPROVED

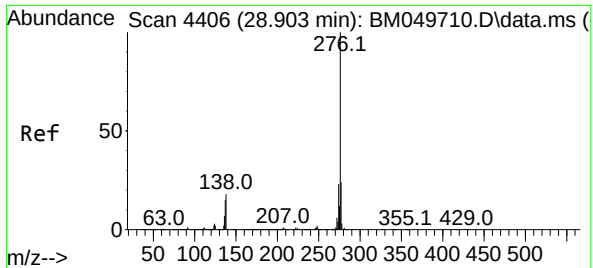
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#91
Dibenzo(a,h)anthracene
Concen: 6.520 ng
RT: 27.844 min Scan# 4226
Delta R.T. -0.059 min
Lab File: BM049813.D
Acq: 03 Apr 2025 19:50

Tgt Ion:278 Resp: 795821
Ion Ratio Lower Upper
278 100
139 15.5 10.1 15.1#
279 29.5 19.1 28.7#





#92

Benzo(g,h,i)perylene

Concen: 26.650 ng

RT: 28.873 min Scan# 44

Delta R.T. -0.030 min

Lab File: BM049813.D

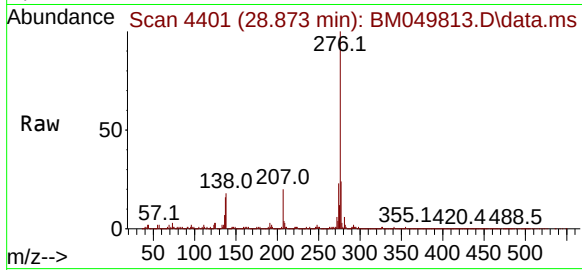
Acq: 03 Apr 2025 19:50

Instrument :

BNA_M

ClientSampleId :

B-9



Tgt Ion:276 Resp: 327656

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

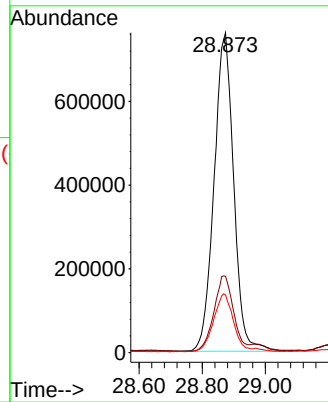
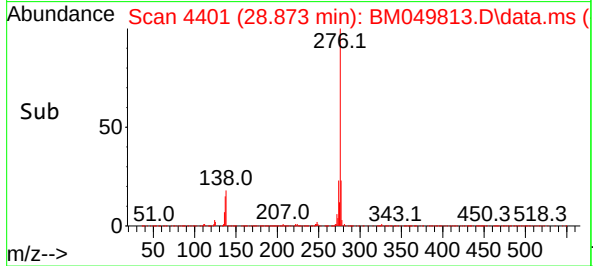
138 18.1 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	04/02/25
Project:	MTA Rockaway Park	Date Received:	04/02/25
Client Sample ID:	B-9DL	SDG No.:	Q1698
Lab Sample ID:	Q1698-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049825.D	25	04/03/25 09:25	04/04/25 16:01	PB167436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	5.10	D	0.61	4.60	mg/Kg
208-96-8	Acenaphthylene	0.78	UD	0.78	4.60	mg/Kg
83-32-9	Acenaphthene	3.70	JD	0.57	4.60	mg/Kg
86-73-7	Fluorene	3.60	JD	0.68	4.60	mg/Kg
85-01-8	Phenanthrene	34.5	D	0.56	4.60	mg/Kg
120-12-7	Anthracene	5.90	D	0.89	4.60	mg/Kg
206-44-0	Fluoranthene	31.8	D	0.80	4.60	mg/Kg
129-00-0	Pyrene	25.1	D	0.97	4.60	mg/Kg
56-55-3	Benzo(a)anthracene	10.3	D	0.62	4.60	mg/Kg
218-01-9	Chrysene	9.70	D	0.53	4.60	mg/Kg
205-99-2	Benzo(b)fluoranthene	9.60	D	0.51	4.60	mg/Kg
207-08-9	Benzo(k)fluoranthene	3.60	JD	0.60	4.60	mg/Kg
50-32-8	Benzo(a)pyrene	9.20	DQ	0.79	4.60	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4.40	JD	0.78	4.60	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.74	UD	0.74	4.60	mg/Kg
191-24-2	Benzo(g,h,i)perylene	5.30	D	0.69	4.60	mg/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	64.6		18 - 107	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.0		20 - 109	64%	SPK: 100
1718-51-0	Terphenyl-d14	61.0		10 - 105	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	261000		7.787		
1146-65-2	Naphthalene-d8	943000		10.58		
15067-26-2	Acenaphthene-d10	644000		14.427		
1517-22-2	Phenanthrene-d10	1340000		17.168		
1719-03-5	Chrysene-d12	1410000		21.403		
1520-96-3	Perylene-d12	1480000		24.403		

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	04/02/25
Project:	MTA Rockaway Park	Date Received:	04/02/25
Client Sample ID:	B-9DL	SDG No.:	Q1698
Lab Sample ID:	Q1698-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049825.D	25	04/03/25 09:25	04/04/25 16:01	PB167436

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\BM040425\
 Data File : BM049825.D
 Acq On : 04 Apr 2025 16:01
 Operator : RC/JU
 Sample : Q1698-01DL 25X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-9DL

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
 Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 16:51:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	261430	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	943325	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	644095	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1344834	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1405975	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1484469	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	62667	4.045	ng	-0.02
7) Phenol-d6	6.957	99	82344	4.235	ng	-0.02
23) Nitrobenzene-d5	8.939	82	47492	2.585	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	26545	3.529	ng	-0.02
45) 2-Fluorobiphenyl	13.045	172	131766	2.562	ng	-0.02
79) Terphenyl-d14	19.792	244	203629	2.441	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.628	128	276759	5.706	ng	98
37) 2-Methylnaphthalene	12.245	142	81602	2.406	ng	99
52) Acenaphthene	14.492	154	147356	4.159	ng	98
55) Dibenzofuran	14.827	168	203870	3.454	ng	98
58) Fluorene	15.474	166	191234	3.979	ng	98
71) Phenanthrene	17.209	178	2878489	38.547	ng	100
72) Anthracene	17.304	178	477019	6.596	ng	99
73) Carbazole	17.568	167	191124	2.918	ng	99
75) Fluoranthene	19.227	202	3059549	35.587	ng	99
78) Pyrene	19.586	202	2757781	28.075	ng	99
81) Benzo(a)anthracene	21.386	228	1080182	11.502	ng	98
83) Chrysene	21.444	228	962515m	10.812	ng	
87) Indeno(1,2,3-cd)pyrene	27.779	276	528308	4.945	ng	97
88) Benzo(b)fluoranthene	23.456	252	1077547	10.777	ng	# 98
89) Benzo(k)fluoranthene	23.515	252	393265m	3.997	ng	
90) Benzo(a)pyrene	24.262	252	864280	10.291	ng	98
92) Benzo(g,h,i)perylene	28.826	276	529070	5.900	ng	98

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

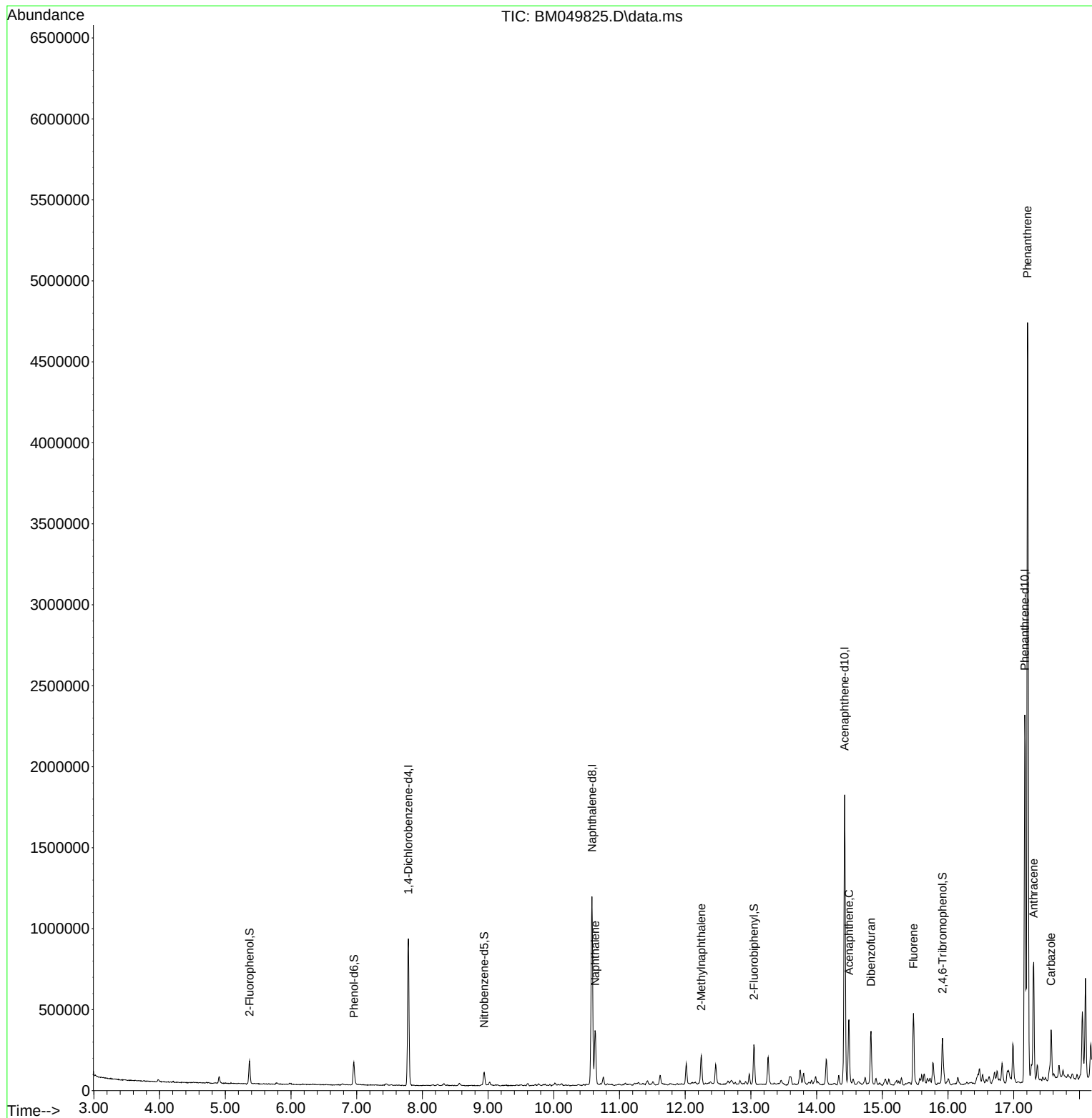
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049825.D
Acq On : 04 Apr 2025 16:01
Operator : RC/JU
Sample : Q1698-01DL 25X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-9DL

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 16:51:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration



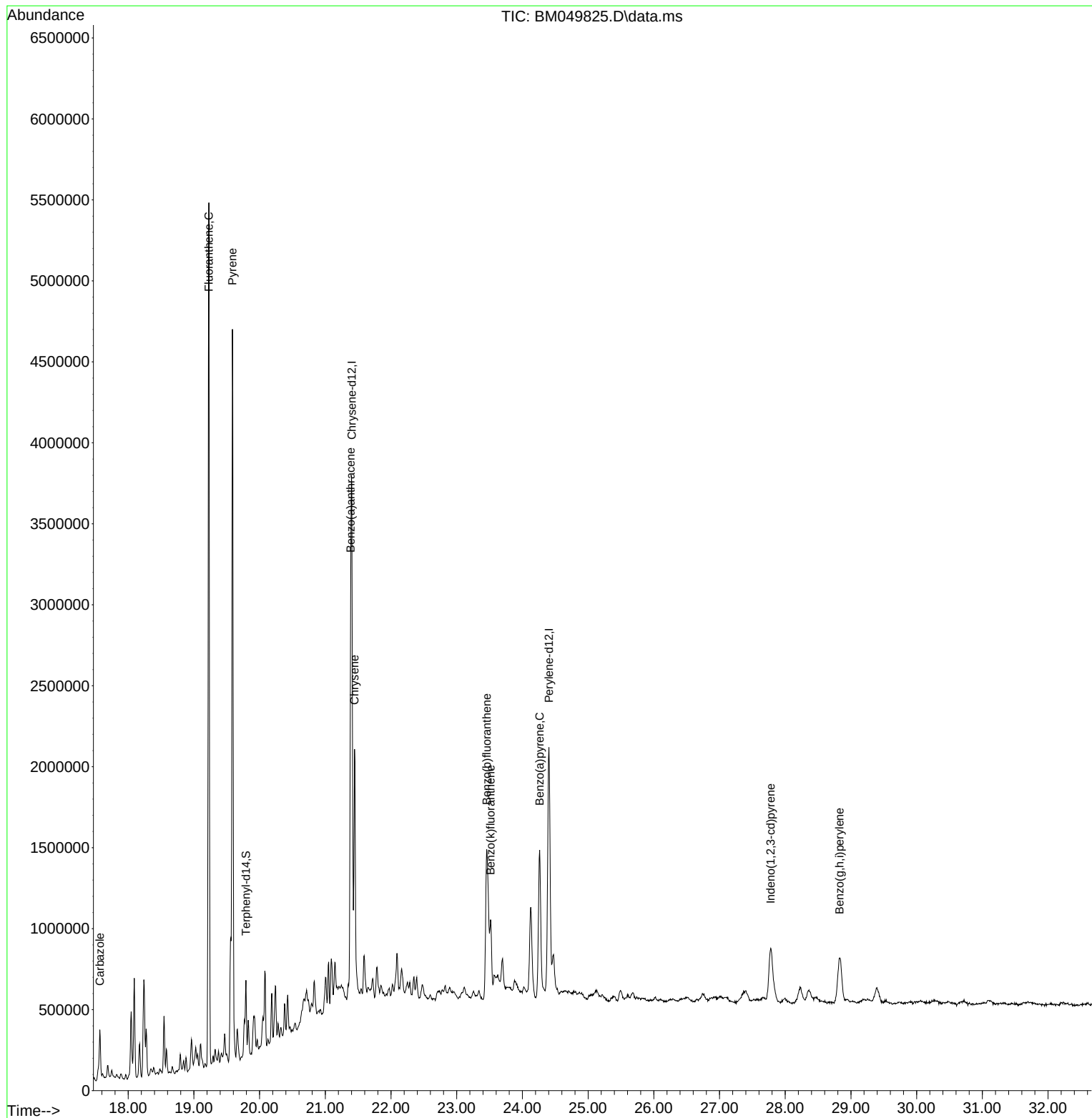
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049825.D
Acq On : 04 Apr 2025 16:01
Operator : RC/JU
Sample : Q1698-01DL 25X
Misc :
ALS Vial : 10 Sample Multiplier: 1

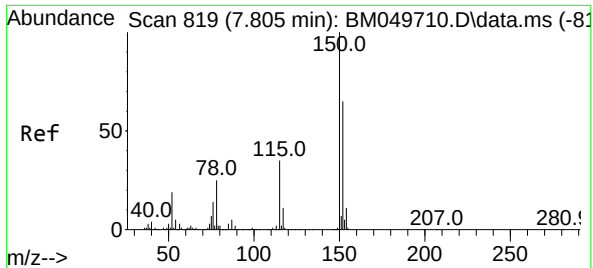
Instrument :
BNA_M
ClientSampleId :
B-9DL

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

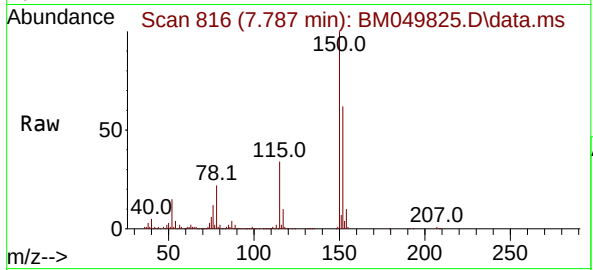
Quant Time: Apr 04 16:51:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

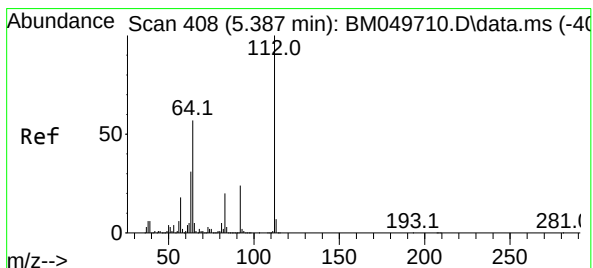
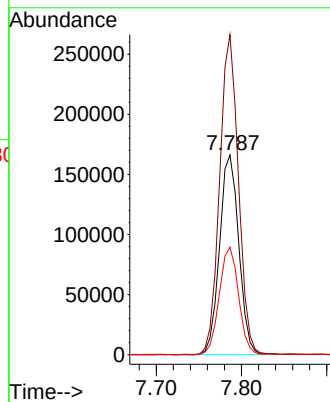
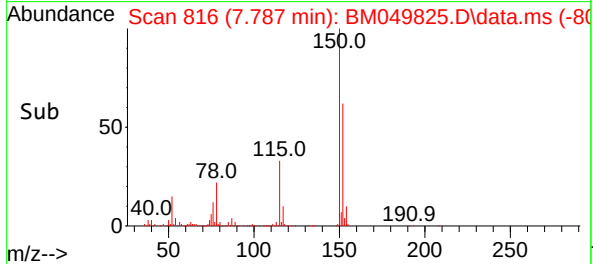
Instrument :
BNA_M
ClientSampleId :
B-9DL



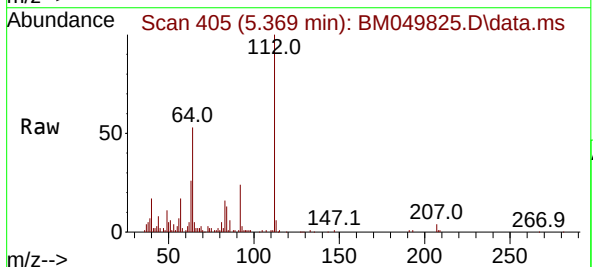
Tgt Ion:152 Resp: 261430
Ion Ratio Lower Upper
152 100
150 160.2 123.8 185.8
115 53.8 43.0 64.6

Manual Integrations
APPROVED

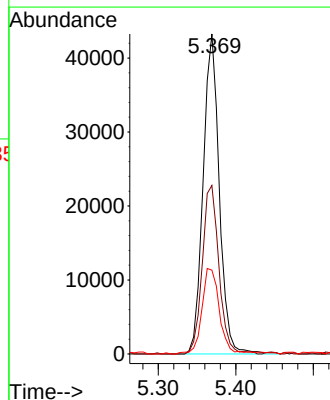
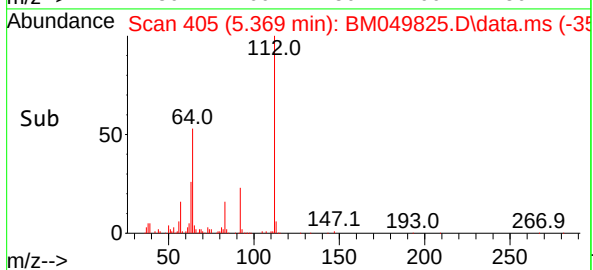
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

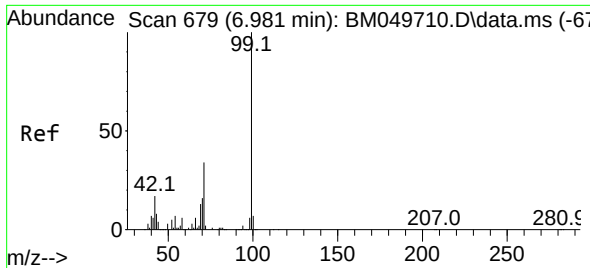


#5
2-Fluorophenol
Concen: 4.045 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01



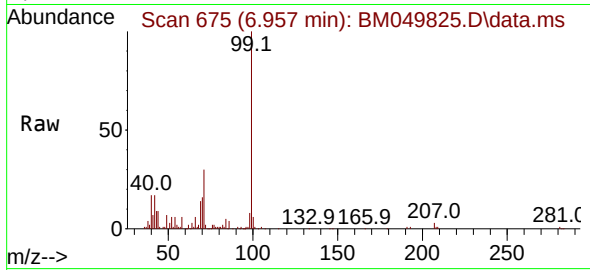
Tgt Ion:112 Resp: 62667
Ion Ratio Lower Upper
112 100
64 52.7 45.3 67.9
63 26.2 24.4 36.6





#7
Phenol-d6
Concen: 4.235 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

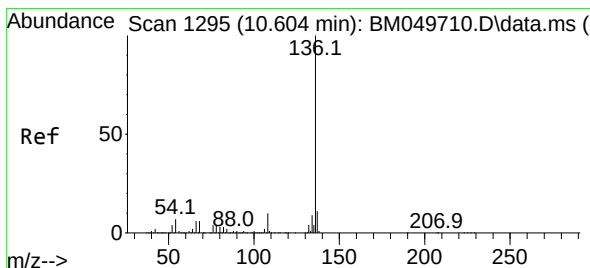
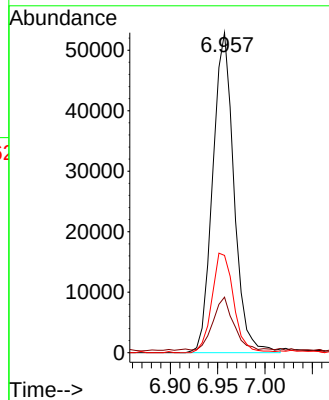
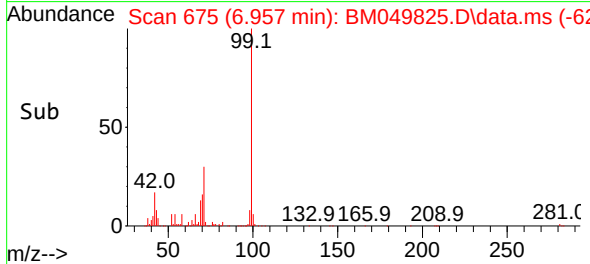
Instrument :
BNA_M
ClientSampleId :
B-9DL



Tgt Ion: 99 Resp: 82344
Ion Ratio Lower Upper
99 100
42 17.3 13.6 20.4
71 30.4 27.0 40.6

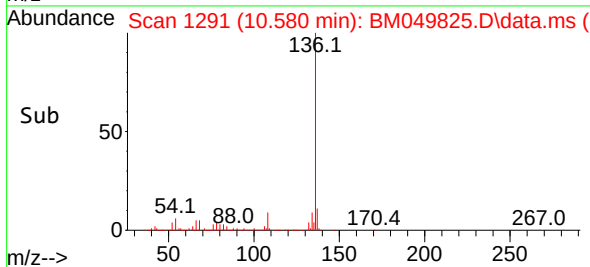
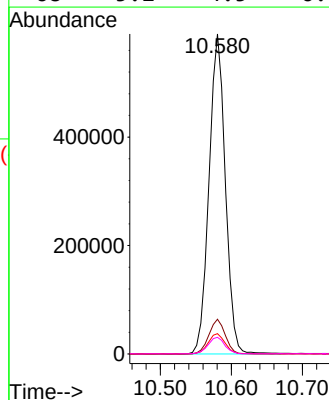
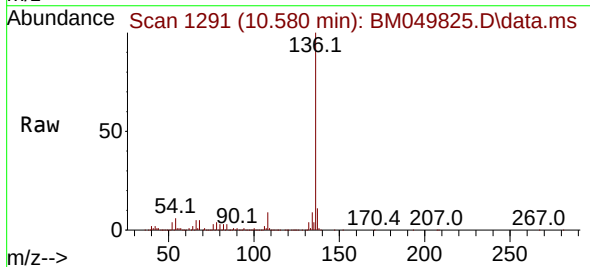
Manual Integrations
APPROVED

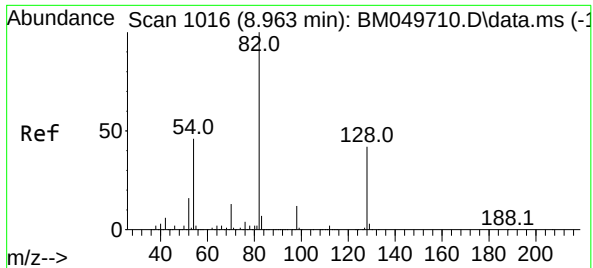
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

Tgt Ion:136 Resp: 943325
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.4 5.8 8.8
68 5.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 2.585 ng

RT: 8.939 min Scan# 1012

Delta R.T. -0.024 min

Lab File: BM049825.D

Acq: 04 Apr 2025 16:01

Instrument :

BNA_M

ClientSampleId :

B-9DL

Tgt Ion: 82 Resp: 4749

Ion Ratio Lower Upper

82 100

128 42.0 33.4 50.0

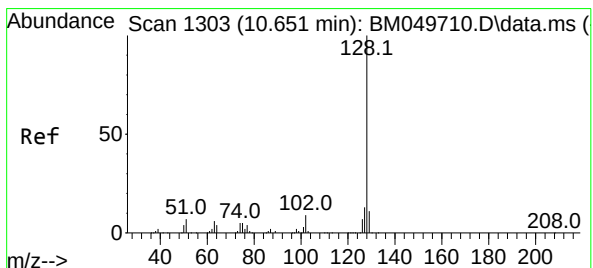
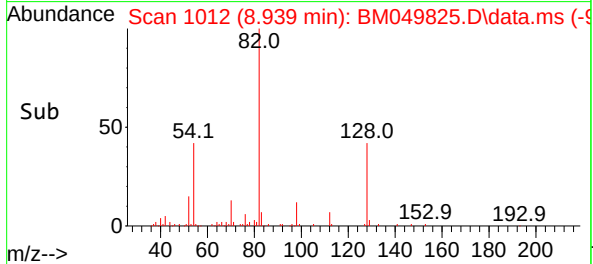
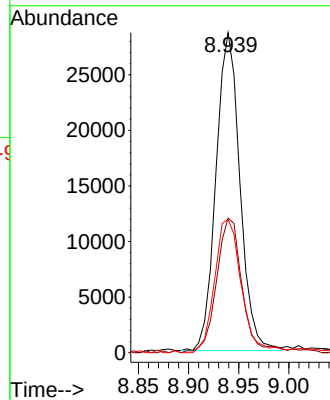
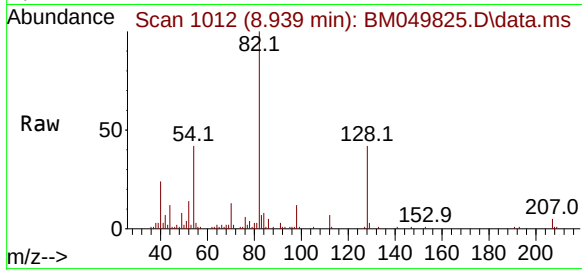
54 41.7 36.4 54.6

Manual Integrations

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Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#31

Naphthalene

Concen: 5.706 ng

RT: 10.628 min Scan# 1299

Delta R.T. -0.024 min

Lab File: BM049825.D

Acq: 04 Apr 2025 16:01

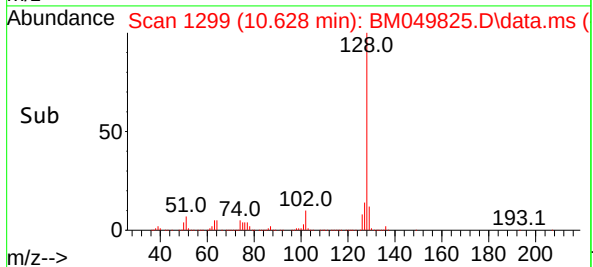
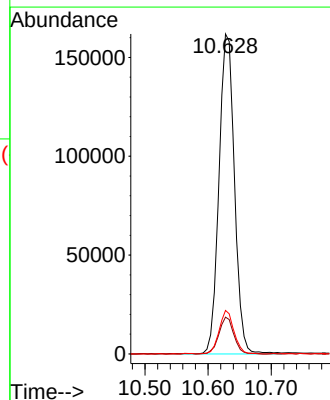
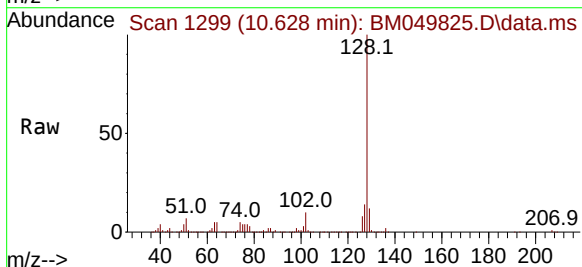
Tgt Ion:128 Resp: 276759

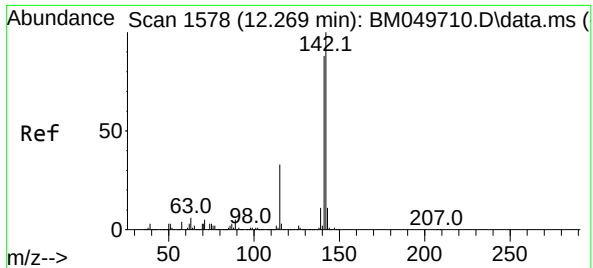
Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

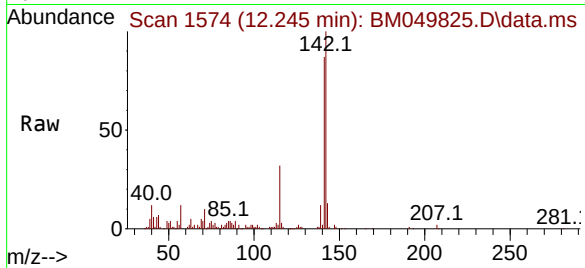
127 13.6 10.4 15.6





#37
2-Methylnaphthalene
Concen: 2.406 ng
RT: 12.245 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

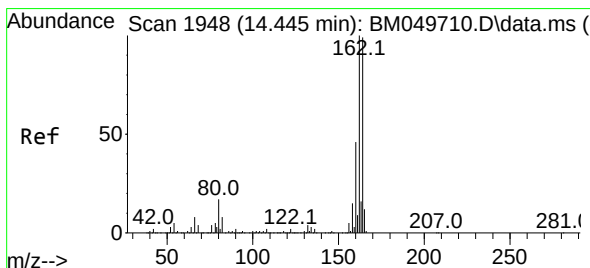
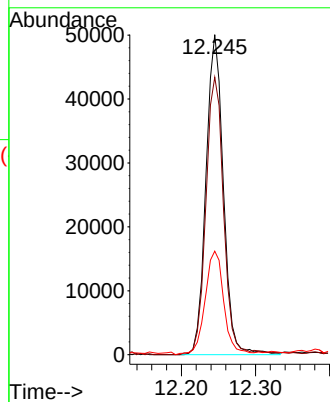
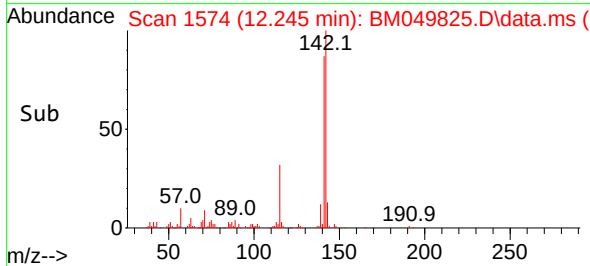
Instrument :
BNA_M
ClientSampleId :
B-9DL



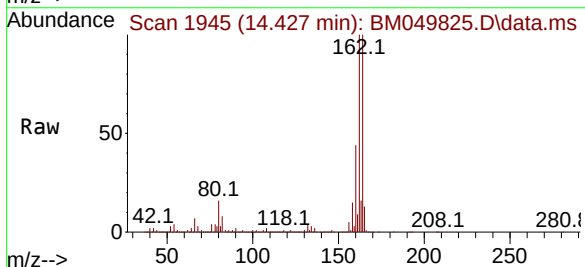
Tgt Ion:142 Resp: 81602
Ion Ratio Lower Upper
142 100
141 86.7 70.5 105.7
115 32.3 26.5 39.7

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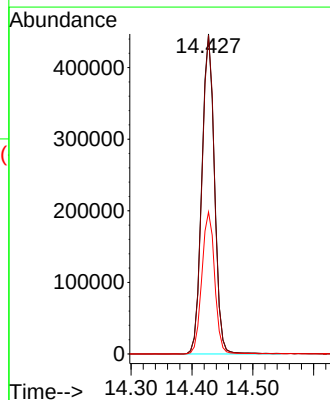
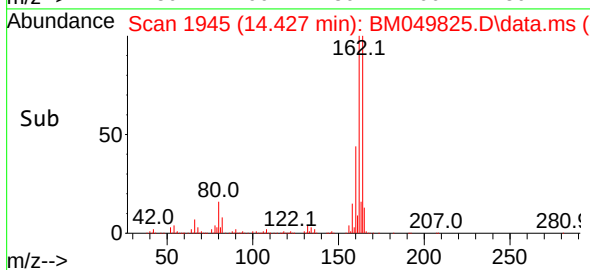
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

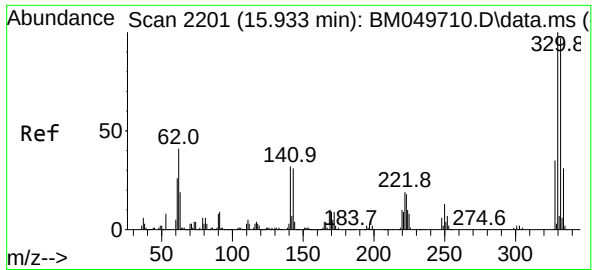


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01



Tgt Ion:164 Resp: 644095
Ion Ratio Lower Upper
164 100
162 99.6 80.5 120.7
160 44.4 36.9 55.3





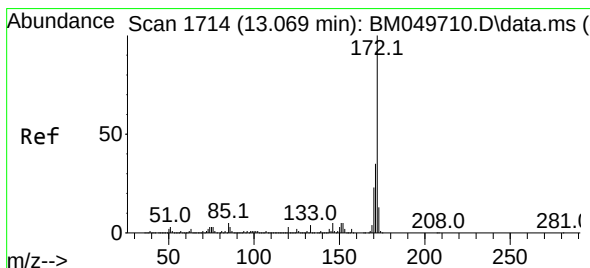
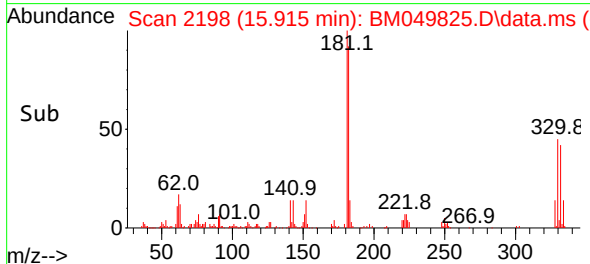
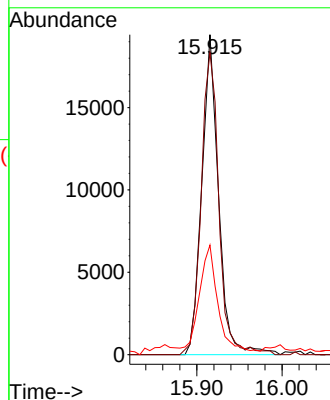
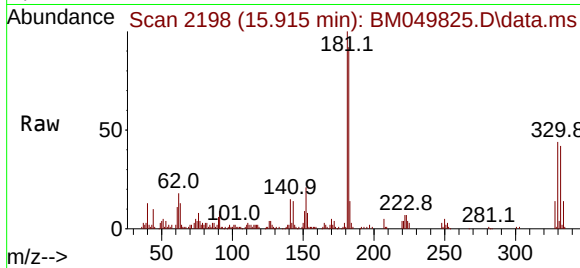
#42
2,4,6-Tribromophenol
Concen: 3.529 ng
RT: 15.915 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

Instrument :
BNA_M
ClientSampleId :
B-9DL

Tgt Ion: 330 Resp: 2654
Ion Ratio Lower Upper
330 100
332 99.9 77.0 115.4
141 36.8 27.8 41.6

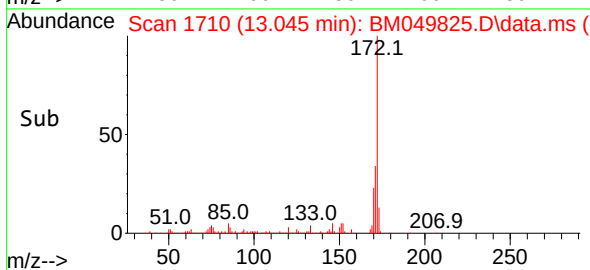
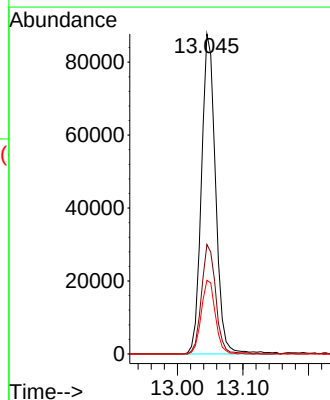
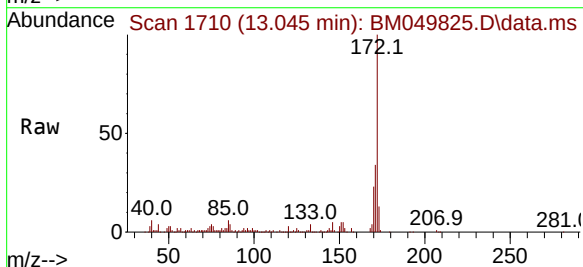
Manual Integrations
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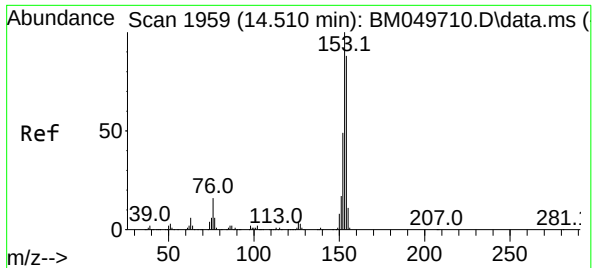
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#45
2-Fluorobiphenyl
Concen: 2.562 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.024 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

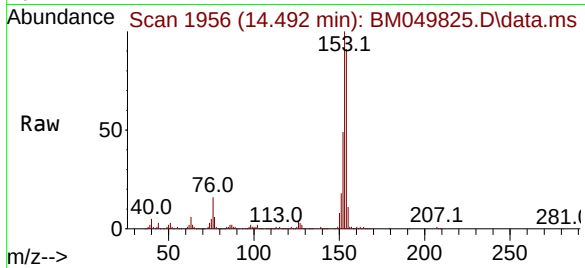
Tgt Ion: 172 Resp: 131766
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 23.0 18.6 28.0





#52
Acenaphthene
Concen: 4.159 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

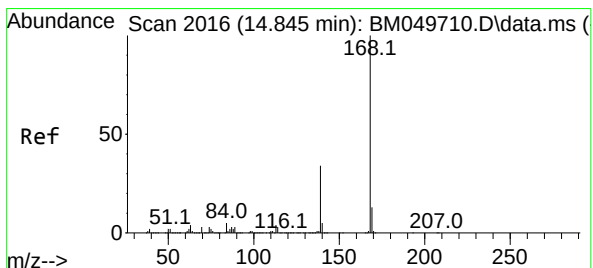
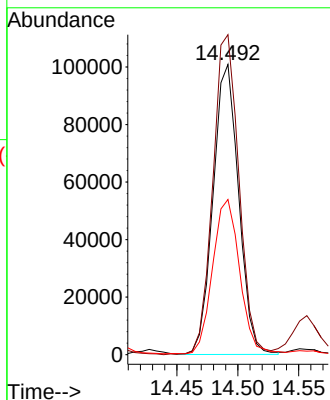
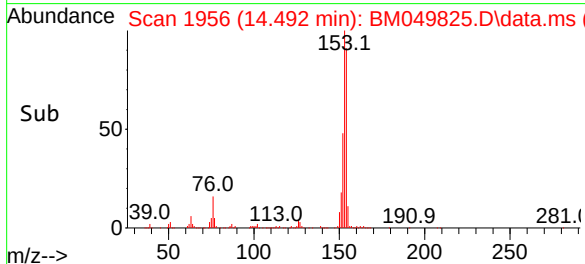
Instrument :
BNA_M
ClientSampleId :
B-9DL



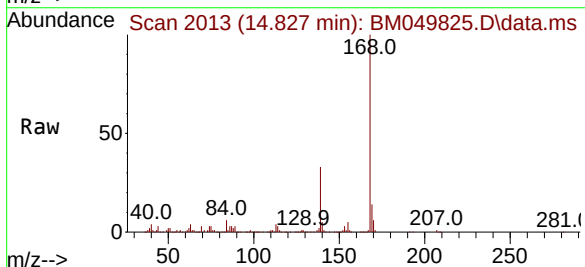
Tgt Ion:154 Resp: 147350
Ion Ratio Lower Upper
154 100
153 110.3 90.4 135.6
152 53.5 44.2 66.2

Manual Integrations
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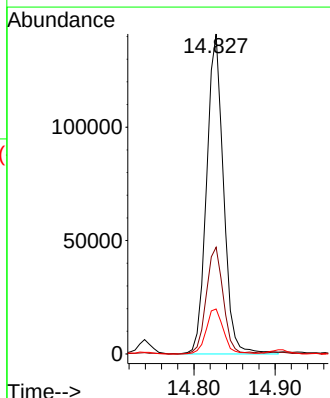
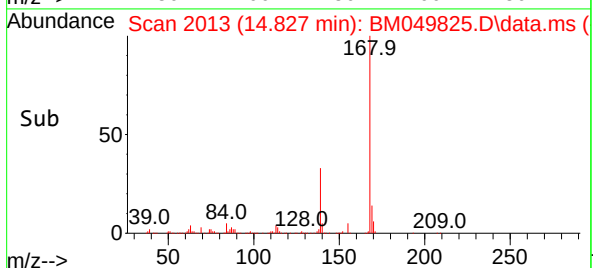
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

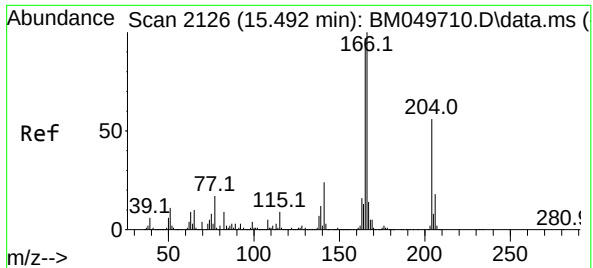


#55
Dibenzofuran
Concen: 3.454 ng
RT: 14.827 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01



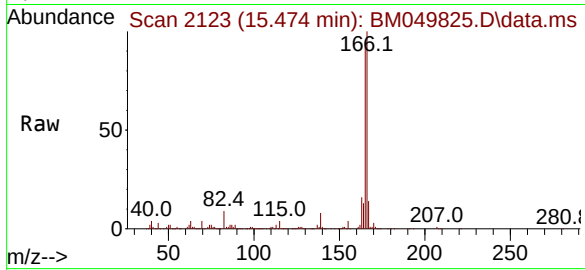
Tgt Ion:168 Resp: 203870
Ion Ratio Lower Upper
168 100
139 33.3 27.4 41.0
169 14.1 10.7 16.1





#58
Fluorene
Concen: 3.979 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

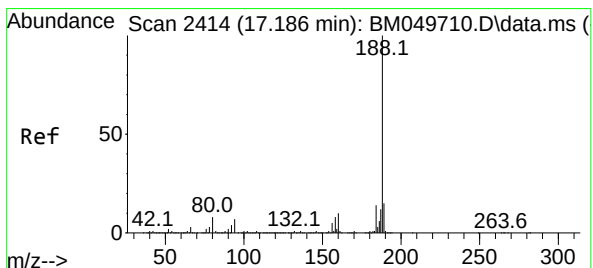
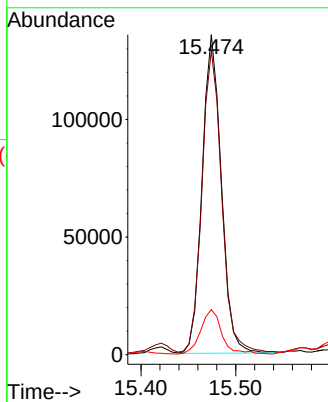
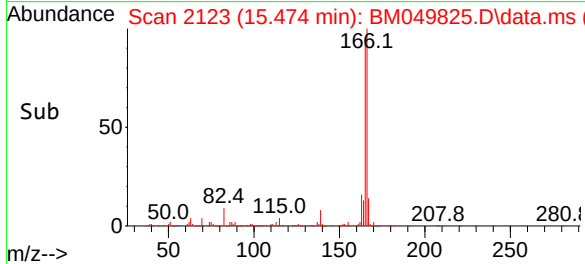
Instrument :
BNA_M
ClientSampleId :
B-9DL



Tgt Ion:166 Resp: 191234
Ion Ratio Lower Upper
166 100
165 95.0 77.5 116.3
167 14.1 10.9 16.3

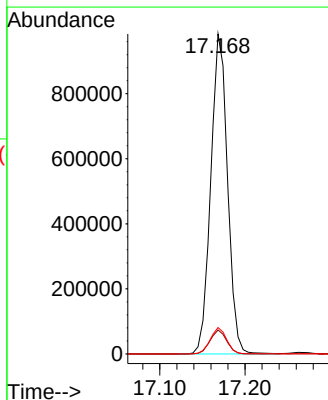
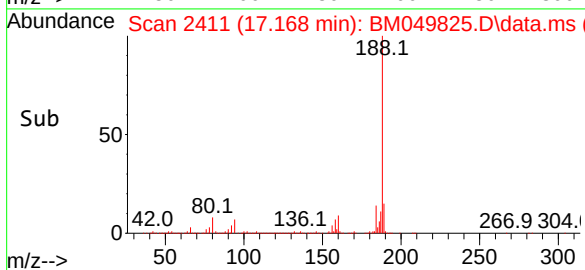
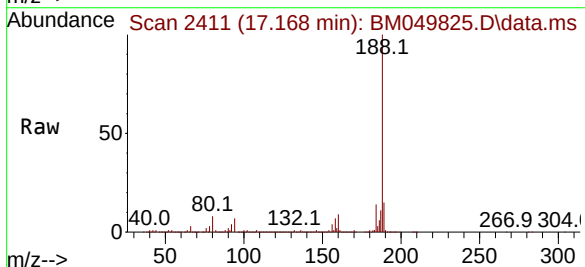
Manual Integrations
APPROVED

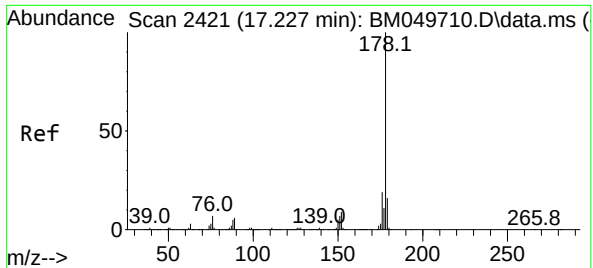
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

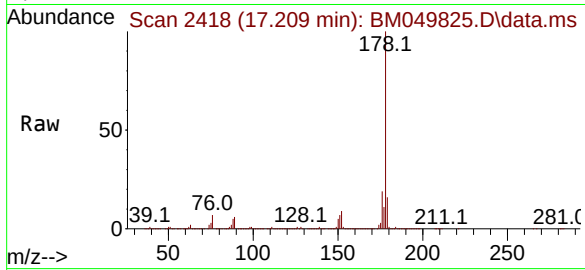
Tgt Ion:188 Resp: 1344834
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 8.3 6.3 9.5





#71
Phenanthrene
Concen: 38.547 ng
RT: 17.209 min Scan# 2418
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

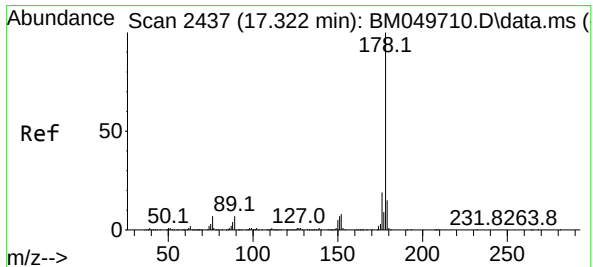
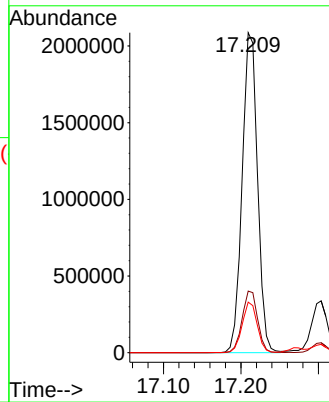
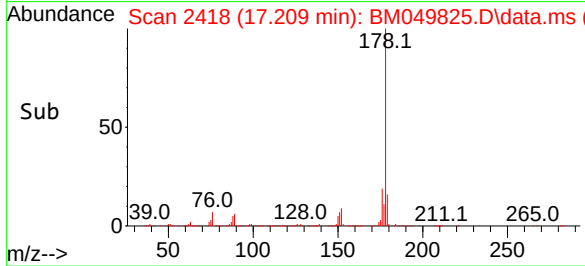
Instrument :
BNA_M
ClientSampleId :
B-9DL



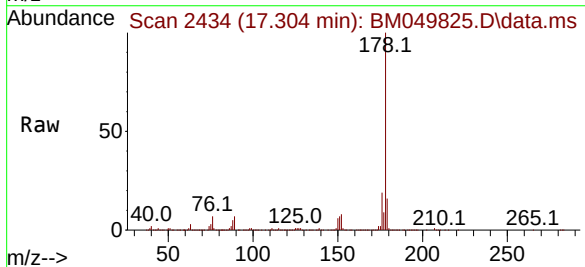
Tgt Ion:178 Resp: 2878489
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.8 12.5 18.7

Manual Integrations
APPROVED

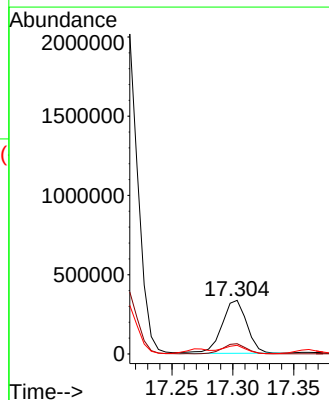
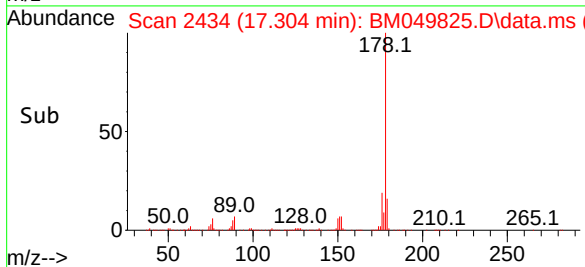
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

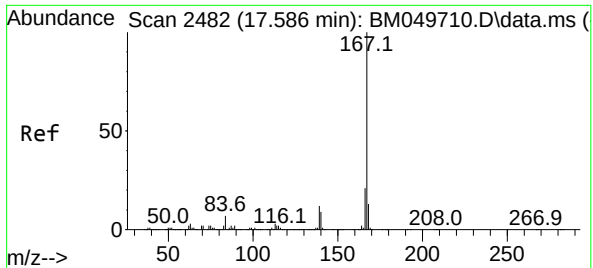


#72
Anthracene
Concen: 6.596 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01



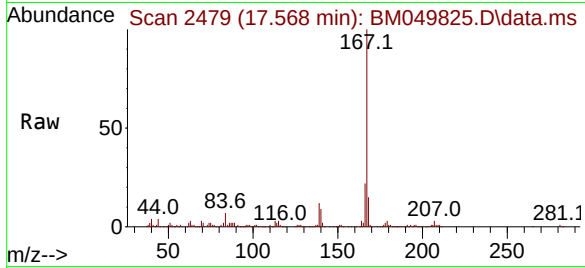
Tgt Ion:178 Resp: 477019
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 16.0 12.4 18.6





#73
Carbazole
Concen: 2.918 ng
RT: 17.568 min Scan# 2482
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

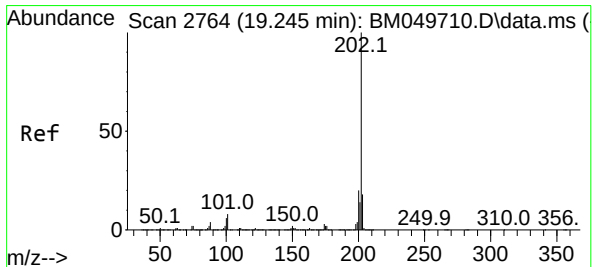
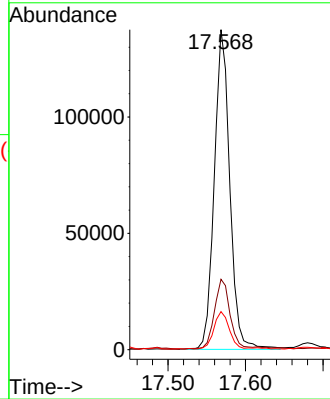
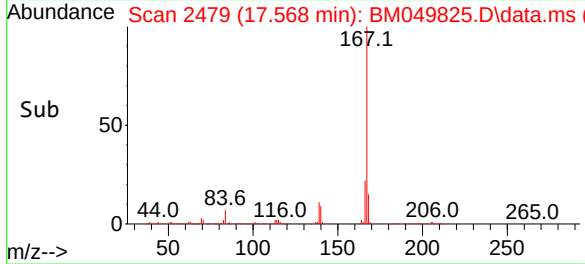
Instrument :
BNA_M
ClientSampleId :
B-9DL



Tgt Ion:167 Resp: 191124
Ion Ratio Lower Upper
167 100
166 22.0 17.0 25.6
139 11.9 9.4 14.2

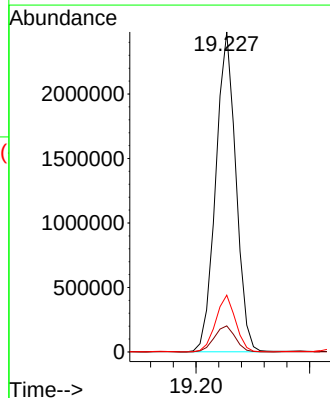
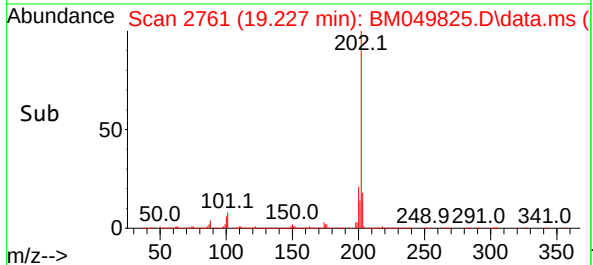
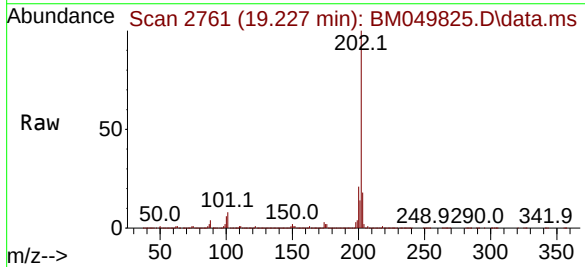
Manual Integrations
APPROVED

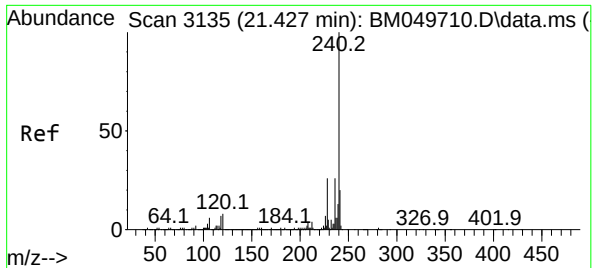
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#75
Fluoranthene
Concen: 35.587 ng
RT: 19.227 min Scan# 2761
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

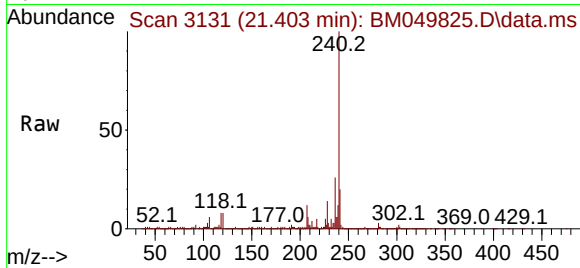
Tgt Ion:202 Resp: 3059549
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.8
203 17.7 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3135
Delta R.T. -0.024 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

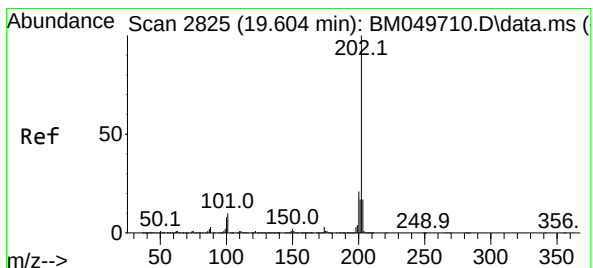
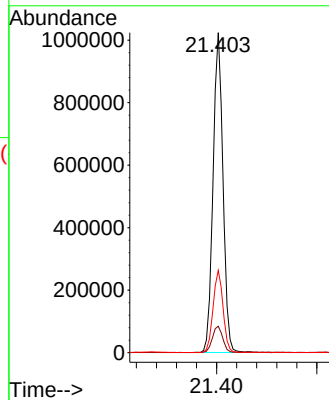
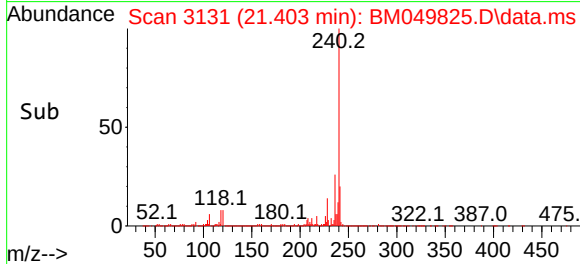
Instrument :
BNA_M
ClientSampleId :
B-9DL



Tgt Ion:240 Resp: 1405979
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.7 20.7 31.1

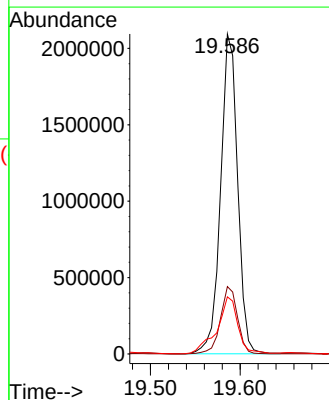
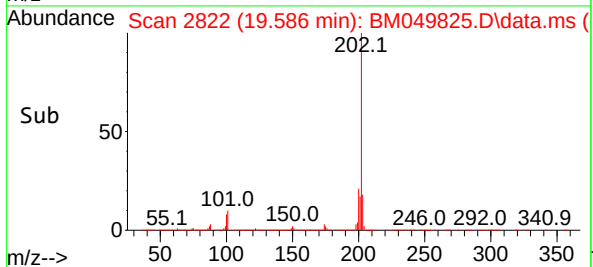
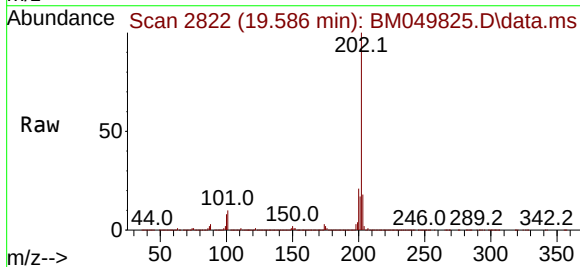
Manual Integrations
APPROVED

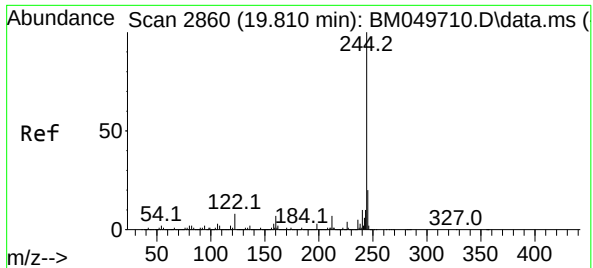
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#78
Pyrene
Concen: 28.075 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

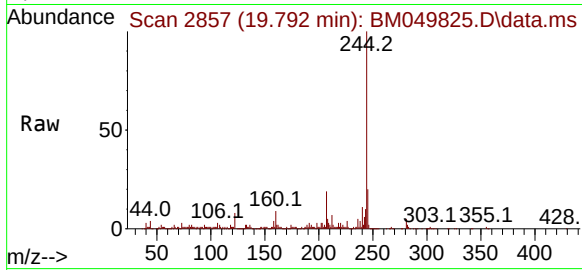
Tgt Ion:202 Resp: 2757781
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.8 14.0 21.0





#79
Terphenyl-d14
Concen: 2.441 ng
RT: 19.792 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

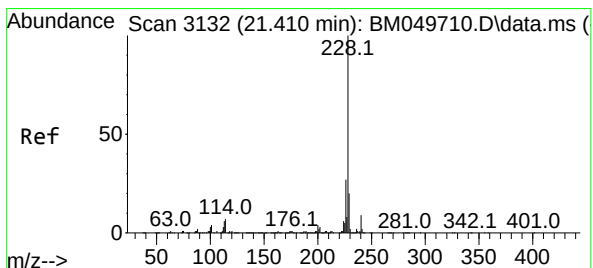
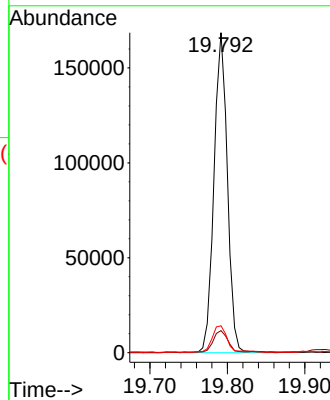
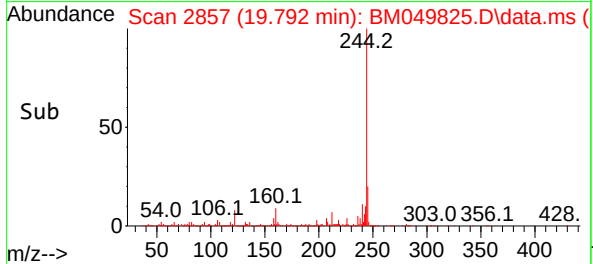
Instrument :
BNA_M
ClientSampleId :
B-9DL



Tgt Ion:244 Resp: 203629
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 8.4 6.0 9.0

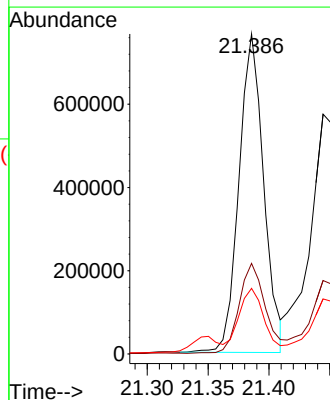
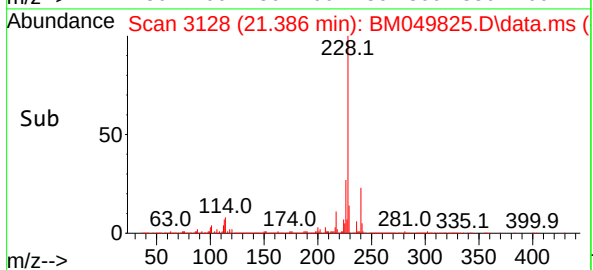
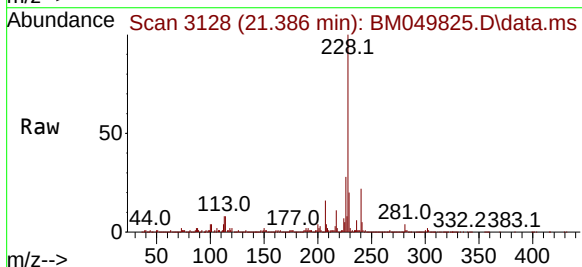
Manual Integrations
APPROVED

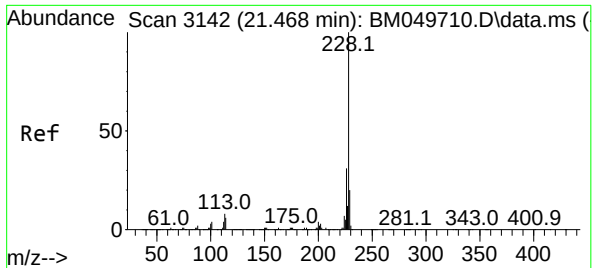
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#81
Benzo(a)anthracene
Concen: 11.502 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.024 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

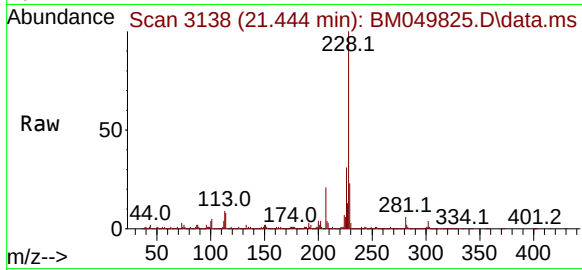
Tgt Ion:228 Resp: 1080182
Ion Ratio Lower Upper
228 100
226 28.3 22.0 33.0
229 20.5 15.8 23.8





#83
Chrysene
Concen: 10.812 ng m
RT: 21.444 min Scan# 3142
Delta R.T. -0.024 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

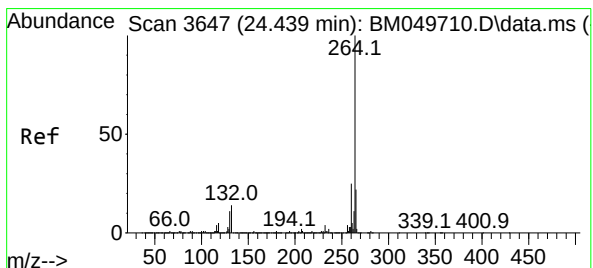
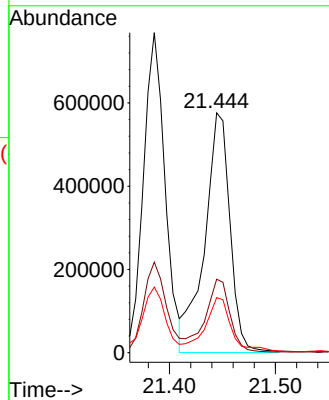
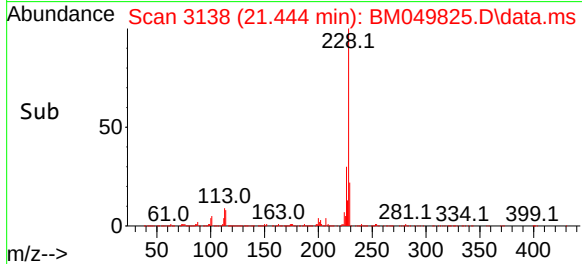
Instrument :
BNA_M
ClientSampleId :
B-9DL



Tgt Ion:228 Resp: 962515
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 23.0 15.8 23.6

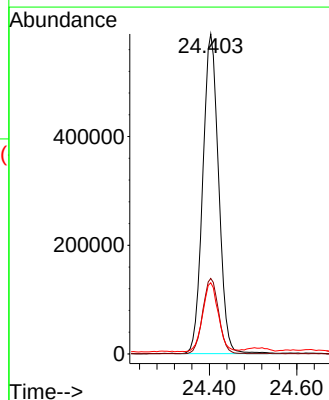
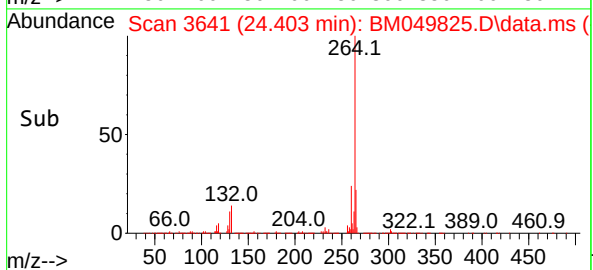
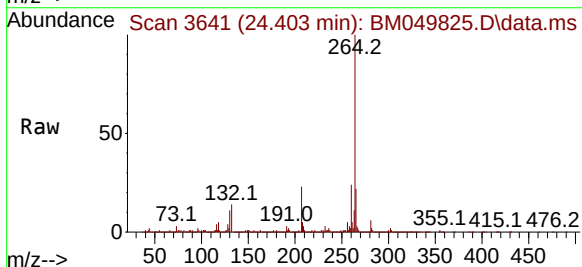
Manual Integrations
APPROVED

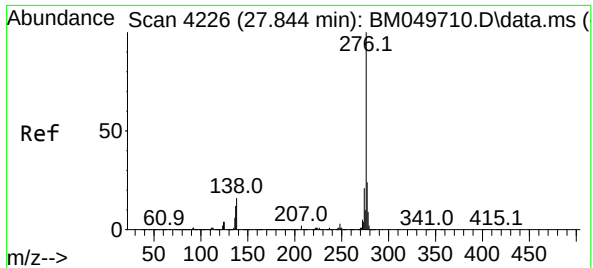
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.036 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

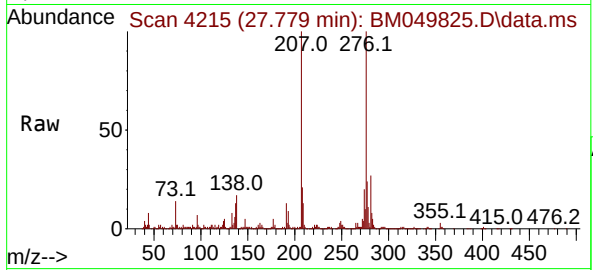
Tgt Ion:264 Resp: 1484469
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 22.3 18.2 27.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.945 ng
RT: 27.779 min Scan# 4215
Delta R.T. -0.065 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

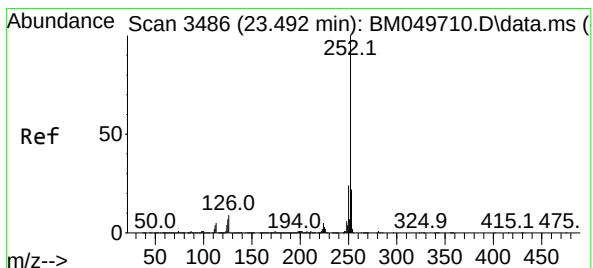
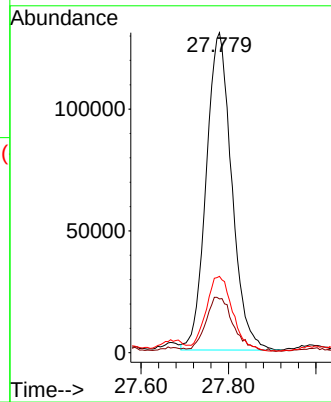
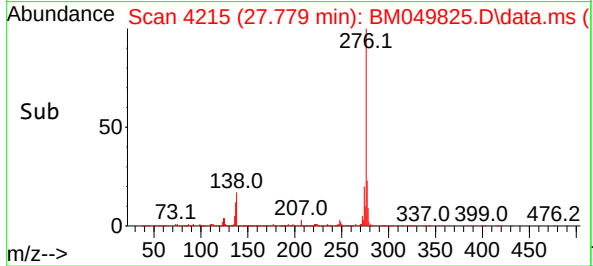
Instrument :
BNA_M
ClientSampleId :
B-9DL



Tgt Ion: 276 Resp: 528308
Ion Ratio Lower Upper
276 100
138 17.9 16.3 24.5
277 24.6 19.9 29.9

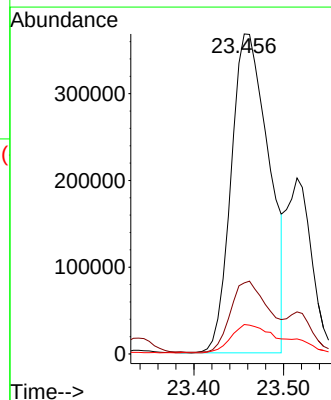
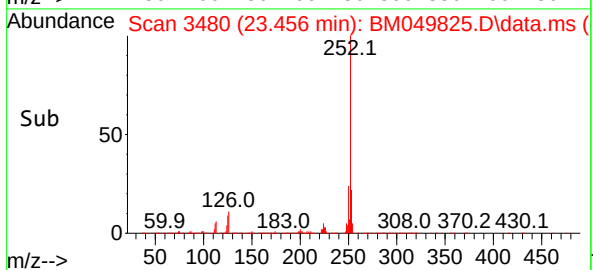
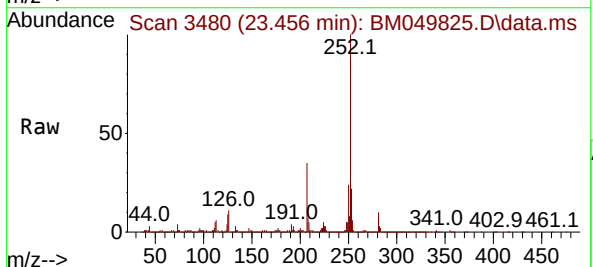
Manual Integrations
APPROVED

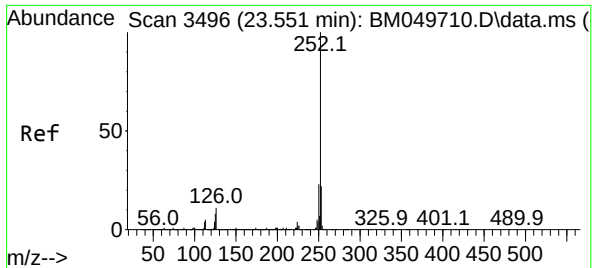
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#88
Benzo(b)fluoranthene
Concen: 10.777 ng
RT: 23.456 min Scan# 3480
Delta R.T. -0.036 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

Tgt Ion: 252 Resp: 1077547
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.2 5.9 8.9#





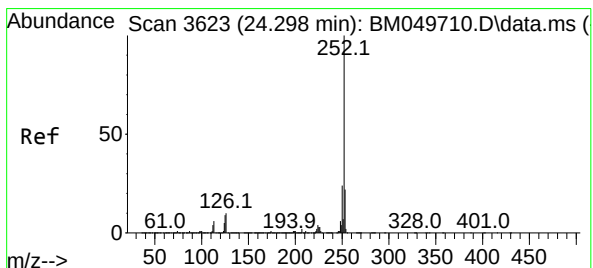
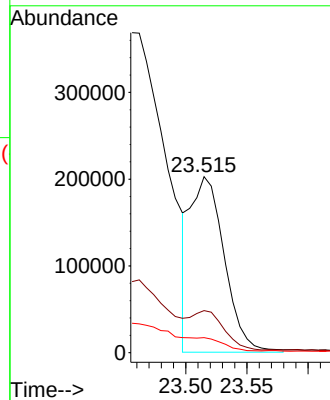
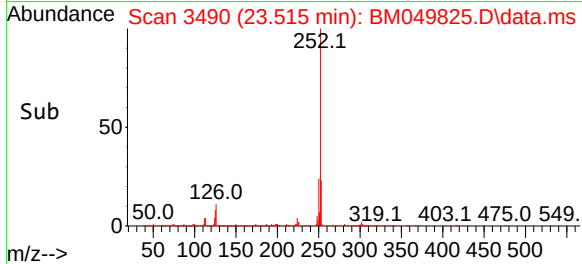
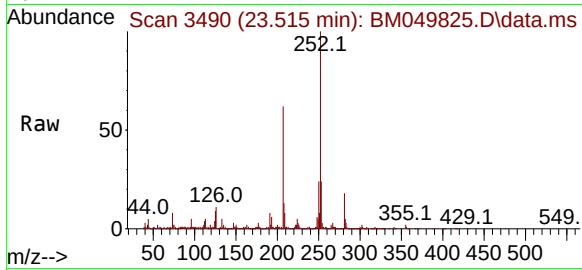
#89
Benzo(k)fluoranthene
Concen: 3.997 ng m
RT: 23.515 min Scan# 3496
Delta R.T. -0.036 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

Instrument :
BNA_M
ClientSampleId :
B-9DL

Tgt Ion:252 Resp: 39326
Ion Ratio Lower Upper
252 100
253 23.9 17.3 25.9
125 8.6 6.2 9.2

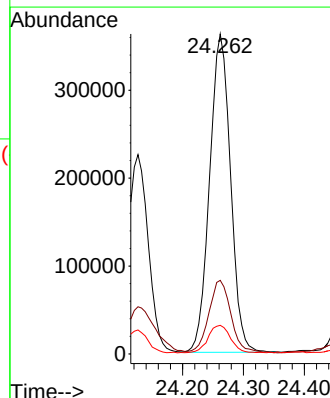
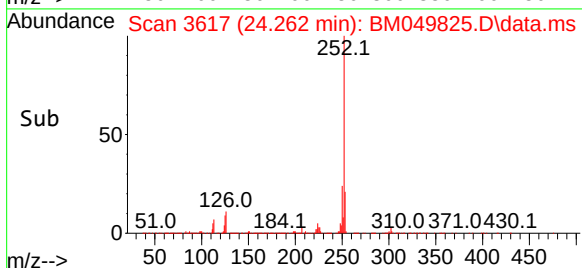
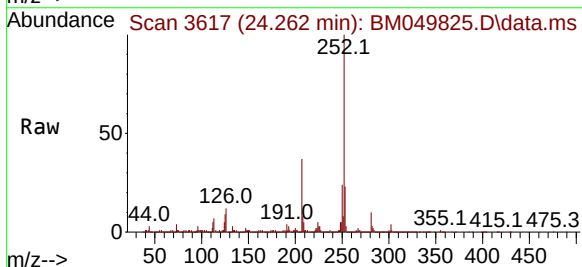
Manual Integrations
APPROVED

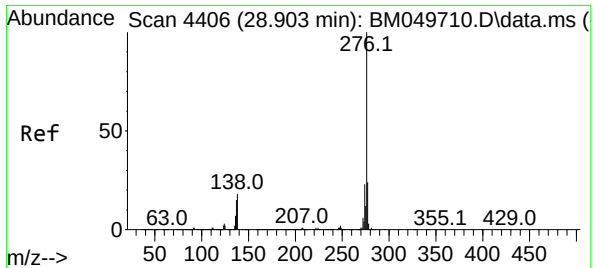
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#90
Benzo(a)pyrene
Concen: 10.291 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.036 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

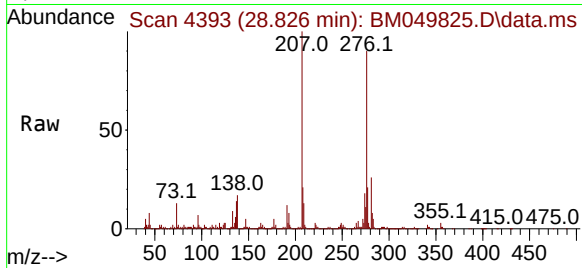
Tgt Ion:252 Resp: 864280
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 9.0 7.0 10.6





#92
Benzo(g,h,i)perylene
Concen: 5.900 ng
RT: 28.826 min Scan# 41
Delta R.T. -0.077 min
Lab File: BM049825.D
Acq: 04 Apr 2025 16:01

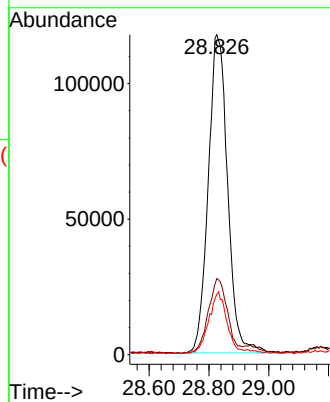
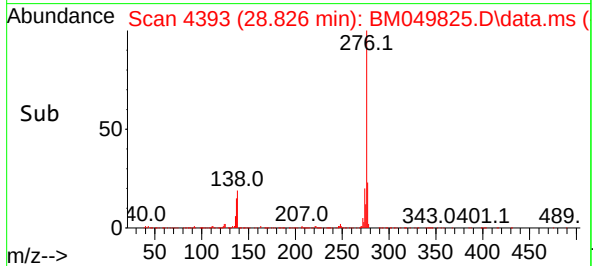
Instrument :
BNA_M
ClientSampleId :
B-9DL



Tgt Ion: 276 Resp: 529070
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 18.9 14.0 21.0

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	04/02/25
Project:	MTA Rockaway Park	Date Received:	04/02/25
Client Sample ID:	B-10	SDG No.:	Q1698
Lab Sample ID:	Q1698-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049809.D	1	04/03/25 09:25	04/03/25 17:14	PB167436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	0.024	U	0.024	0.18	mg/Kg
208-96-8	Acenaphthylene	0.18		0.031	0.18	mg/Kg
83-32-9	Acenaphthene	0.023	U	0.023	0.18	mg/Kg
86-73-7	Fluorene	0.086	J	0.027	0.18	mg/Kg
85-01-8	Phenanthrene	1.40		0.022	0.18	mg/Kg
120-12-7	Anthracene	0.20		0.036	0.18	mg/Kg
206-44-0	Fluoranthene	1.80		0.032	0.18	mg/Kg
129-00-0	Pyrene	1.50		0.039	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.64		0.025	0.18	mg/Kg
218-01-9	Chrysene	0.66		0.021	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.71		0.020	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.27		0.024	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.59	Q	0.032	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.31		0.031	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.094	J	0.029	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.35		0.028	0.18	mg/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	66.0		18 - 107	66%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.7		20 - 109	61%	SPK: 100
1718-51-0	Terphenyl-d14	63.7		10 - 105	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	325000	7.786			
1146-65-2	Naphthalene-d8	1130000	10.58			
15067-26-2	Acenaphthene-d10	730000	14.427			
1517-22-2	Phenanthrene-d10	1450000	17.168			
1719-03-5	Chrysene-d12	1520000	21.403			
1520-96-3	Perylene-d12	1550000	24.403			

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	04/02/25
Project:	MTA Rockaway Park	Date Received:	04/02/25
Client Sample ID:	B-10	SDG No.:	Q1698
Lab Sample ID:	Q1698-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049809.D	1	04/03/25 09:25	04/03/25 17:14	PB167436

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\BM040325\
 Data File : BM049809.D
 Acq On : 03 Apr 2025 17:14
 Operator : RC/JU
 Sample : Q1698-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-10

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

04/04/2025
 Supervised By :Jagrut
 Upadhyay

Quant Time: Apr 03 18:51:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	325331	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1134201	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	729737	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1449581	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1521361	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1553148	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1830101	94.918	ng	-0.02
7) Phenol-d6	6.957	99	2406176	99.443	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1458793	66.035	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	931398	109.304	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3539574	60.746	ng	-0.02
79) Terphenyl-d14	19.792	244	5747969	63.667	ng	-0.02
Target Compounds						
						Qvalue
49) Acenaphthylene	14.145	152	303149	4.954	ng	99
58) Fluorene	15.474	166	131580	2.416	ng	98
71) Phenanthrene	17.209	178	3207601	39.850	ng	100
72) Anthracene	17.298	178	433091	5.556	ng	99
73) Carbazole	17.568	167	144787	2.051	ng	98
75) Fluoranthene	19.227	202	4796426	51.758	ng	99
78) Pyrene	19.586	202	4358681	41.007	ng	99
81) Benzo(a)anthracene	21.386	228	1810981	17.822	ng	97
83) Chrysene	21.444	228	1780044m	18.479	ng	
87) Indeno(1,2,3-cd)pyrene	27.779	276	958233	8.572	ng	98
88) Benzo(b)fluoranthene	23.462	252	2095453	20.031	ng	99
89) Benzo(k)fluoranthene	23.515	252	772455m	7.504	ng	
90) Benzo(a)pyrene	24.262	252	1464351	16.665	ng	97
91) Dibenzo(a,h)anthracene	27.826	278	244475	2.625	ng	# 94
92) Benzo(g,h,i)perylene	28.832	276	932851	9.943	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049809.D
Acq On : 03 Apr 2025 17:14
Operator : RC/JU
Sample : Q1698-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-10

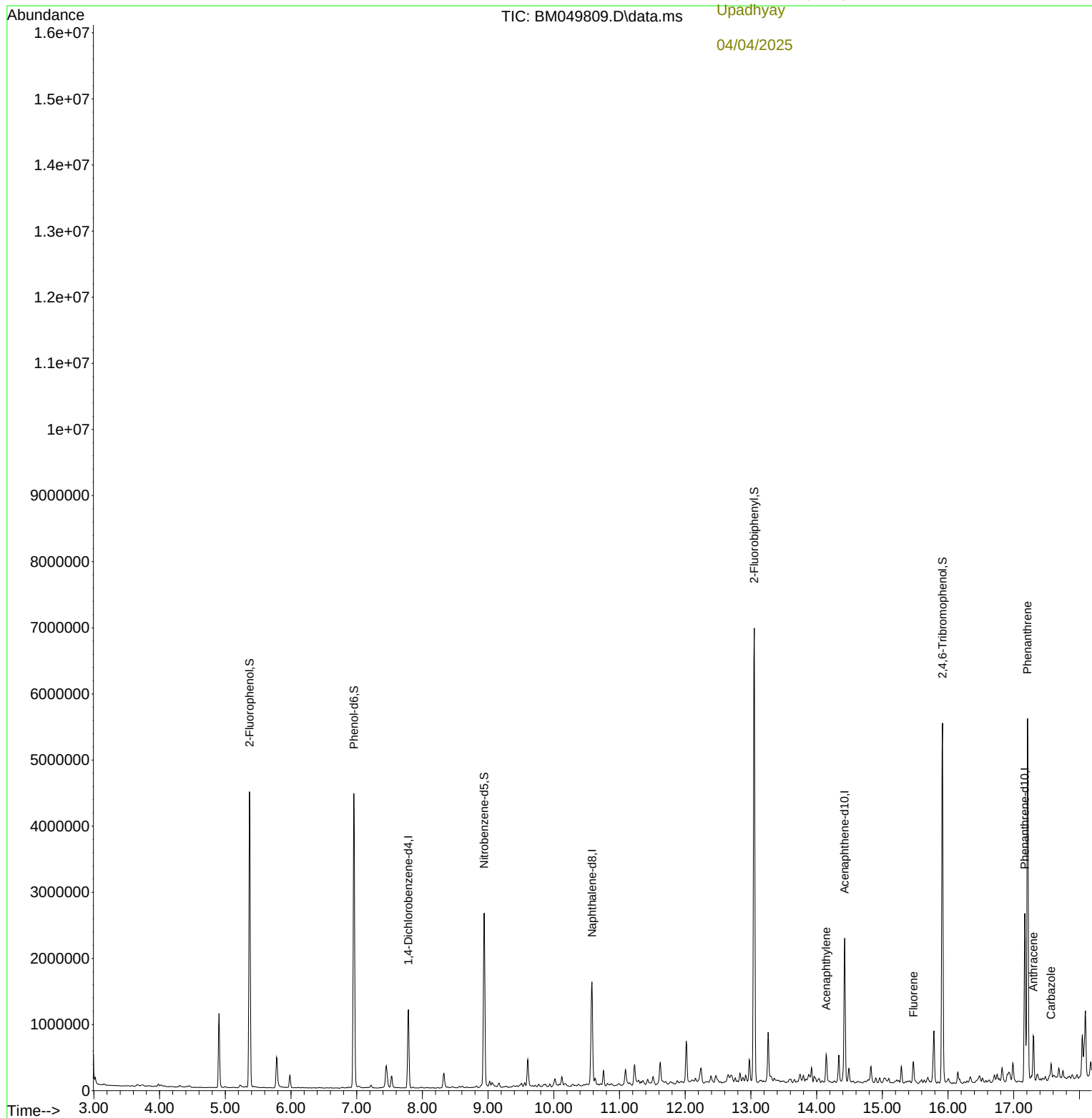
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

04/04/2025
Supervised By :Jagrut
Upadhyay

04/04/2025

Quant Time: Apr 03 18:51:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049809.D
Acq On : 03 Apr 2025 17:14
Operator : RC/JU
Sample : Q1698-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

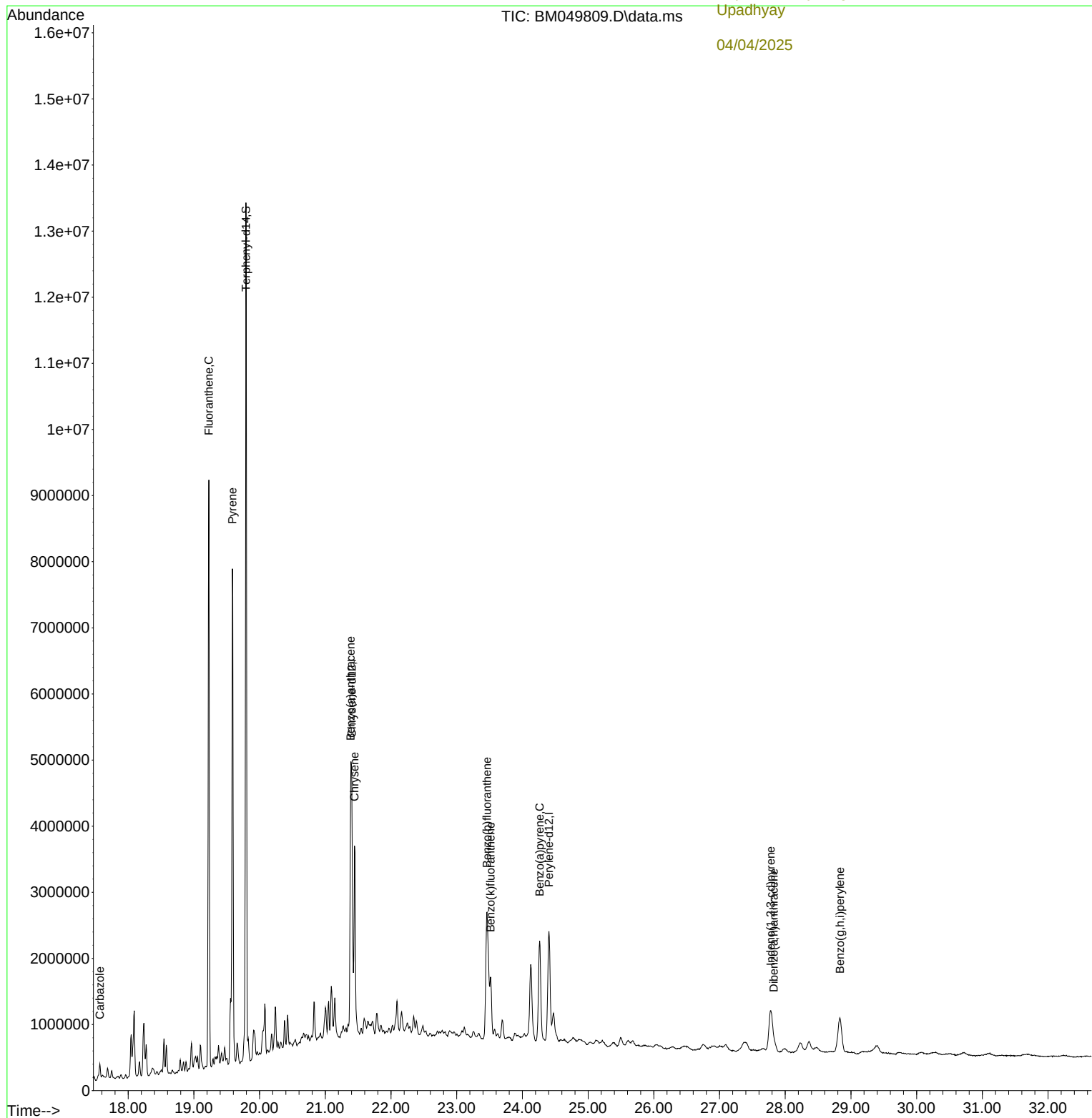
Instrument :
BNA_M
ClientSampleId :
B-10

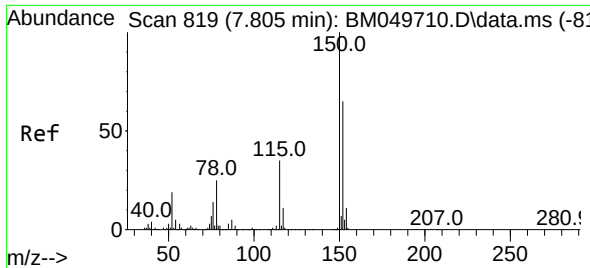
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

04/04/2025
Supervised By :Jagrut
Upadhyay

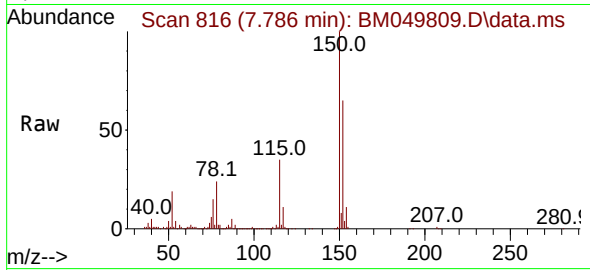
04/04/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 819
Delta R.T. -0.019 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



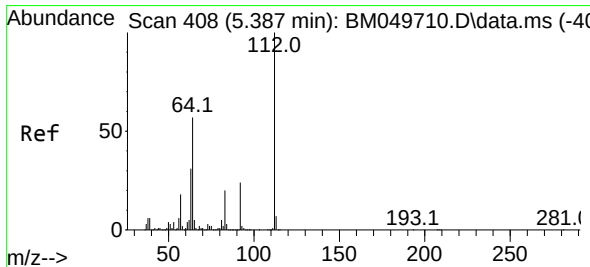
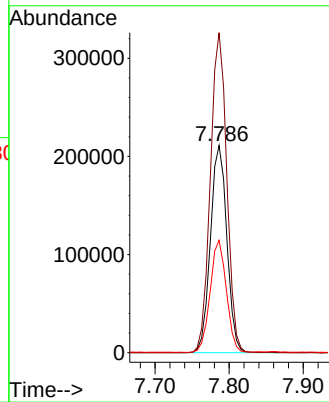
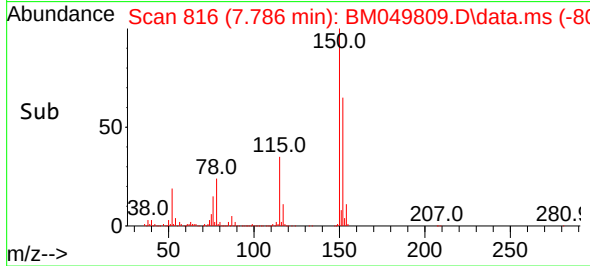
Tgt Ion:152 Resp: 32533
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.8
115 54.2 43.0 64.6

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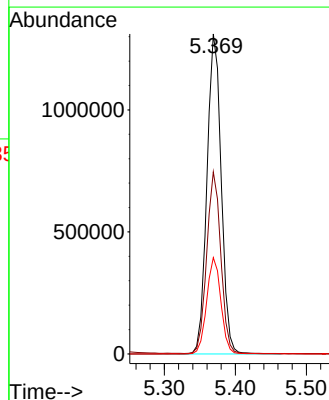
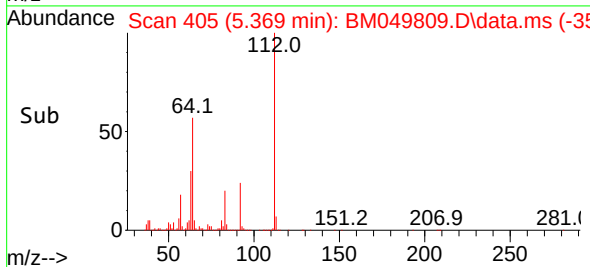
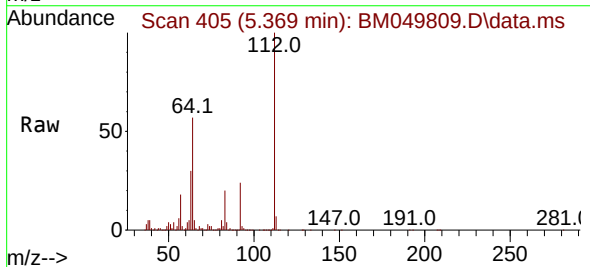
04/04/2025
Supervised By :Jagrut
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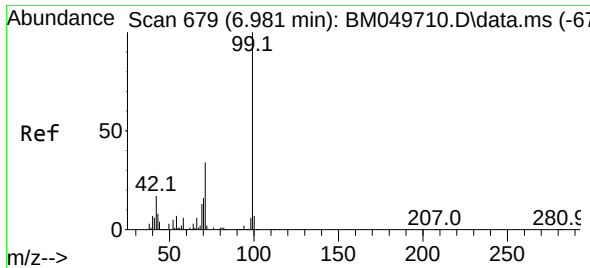
04/04/2025



#5
2-Fluorophenol
Concen: 94.918 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

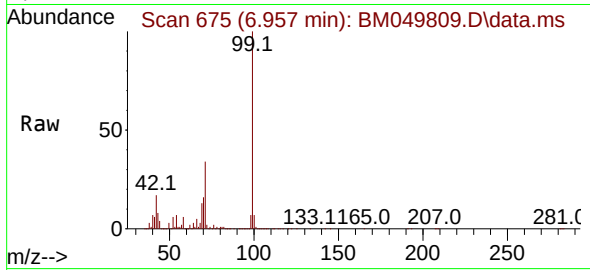
Tgt Ion:112 Resp: 1830101
Ion Ratio Lower Upper
112 100
64 56.9 45.3 67.9
63 30.1 24.4 36.6





#7
Phenol-d6
Concen: 99.443 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



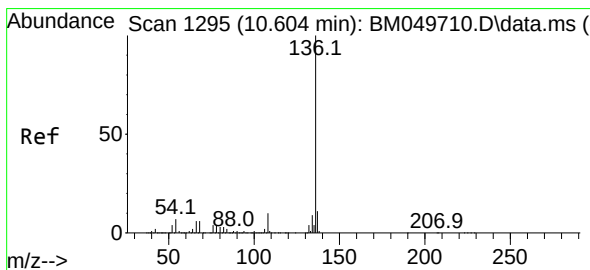
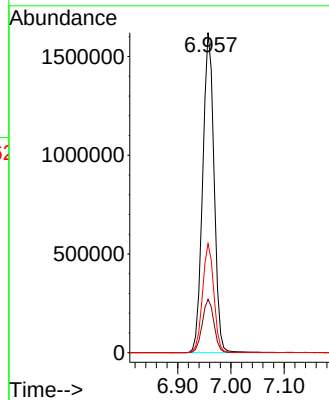
Tgt Ion: 99 Resp: 2406170
Ion Ratio Lower Upper
99 100
42 16.7 13.6 20.4
71 34.1 27.0 40.6

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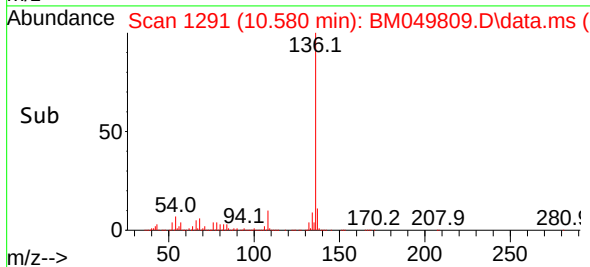
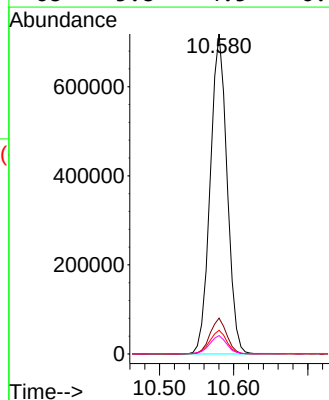
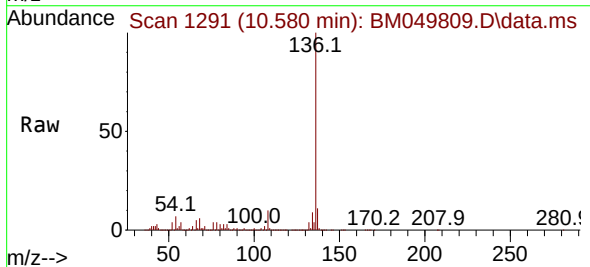
04/04/2025
Supervised By :Jagrut
Upadhyay

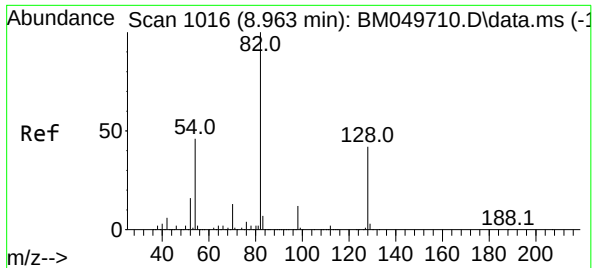
04/04/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

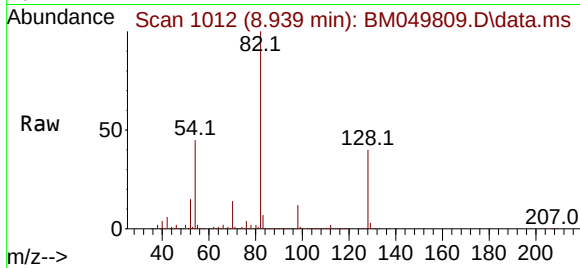
Tgt Ion:136 Resp: 1134201
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 7.4 5.8 8.8
68 5.8 4.5 6.7





#23
Nitrobenzene-d5
Concen: 66.035 ng
RT: 8.939 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



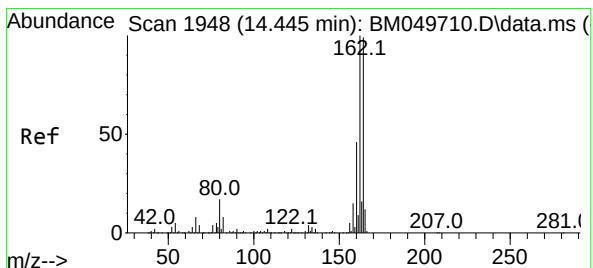
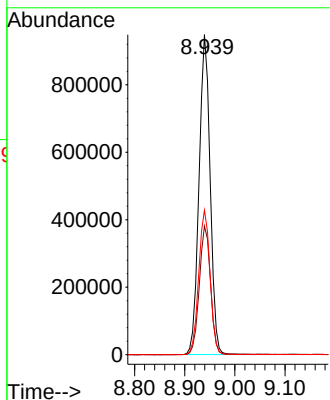
Tgt Ion: 82 Resp: 145879
Ion Ratio Lower Upper
82 100
128 40.2 33.4 50.0
54 45.2 36.4 54.6

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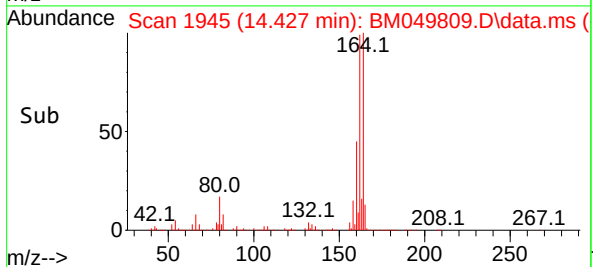
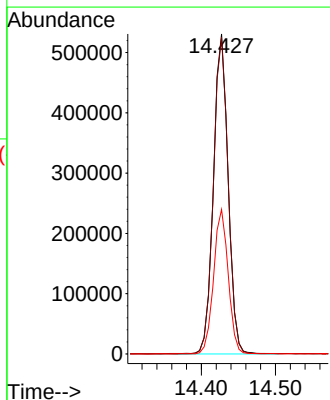
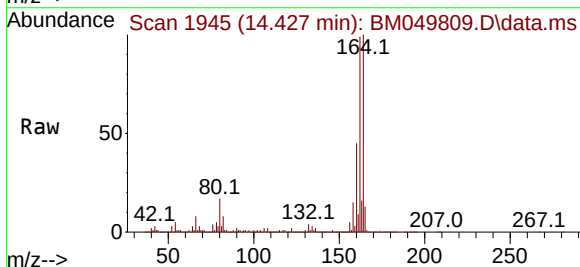
04/04/2025
Supervised By :Jagrut
Upadhyay

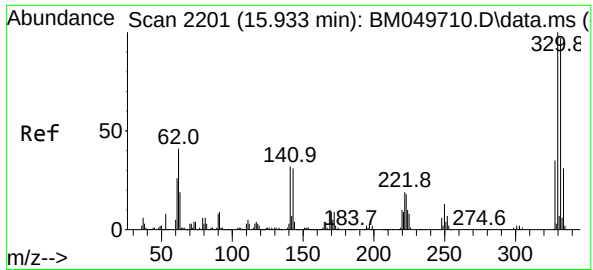
04/04/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

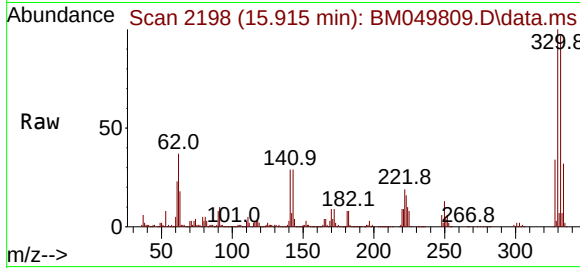
Tgt Ion:164 Resp: 729737
Ion Ratio Lower Upper
164 100
162 98.9 80.5 120.7
160 45.2 36.9 55.3





#42
2,4,6-Tribromophenol
Concen: 109.304 ng
RT: 15.915 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



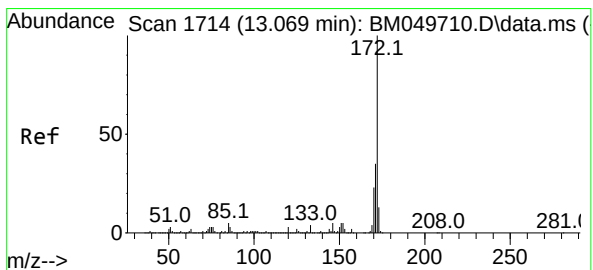
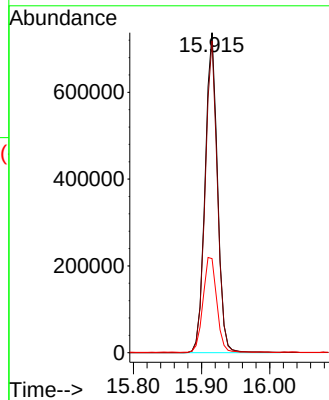
Tgt Ion:330 Resp: 931398
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 32.9 27.8 41.6

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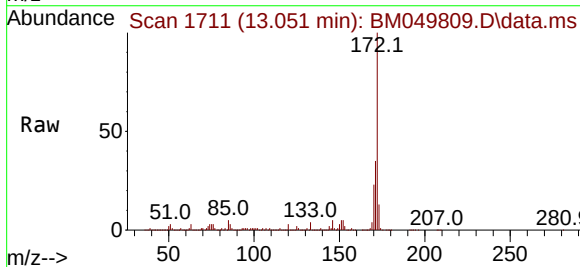
Reviewed By :Rahul
Chavli

04/04/2025
Supervised By :Jagrut
Upadhyay

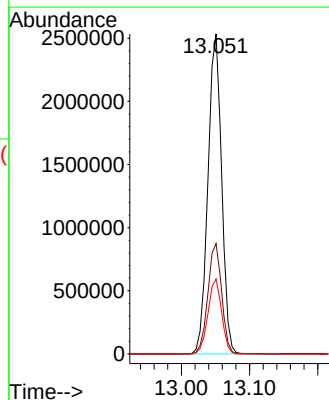
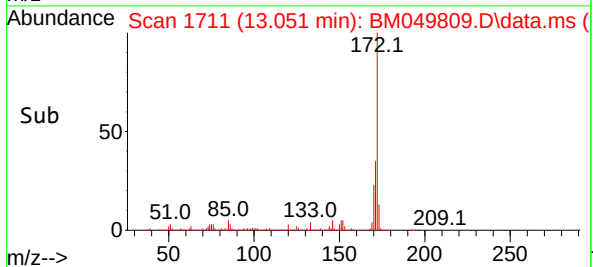
04/04/2025

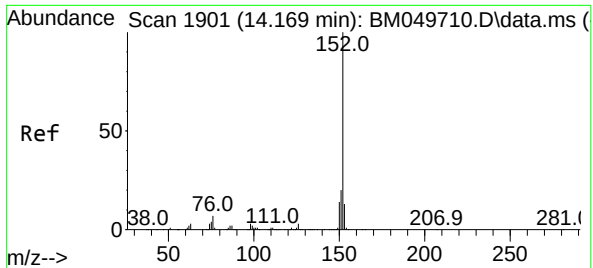


#45
2-Fluorobiphenyl
Concen: 60.746 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14



Tgt Ion:172 Resp: 3539574
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.4 18.6 28.0





#49

Acenaphthylene

Concen: 4.954 ng

RT: 14.145 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM049809.D

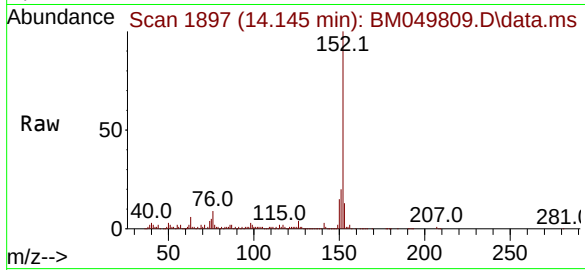
Acq: 03 Apr 2025 17:14

Instrument :

BNA_M

ClientSampleId :

B-10



Tgt Ion:152 Resp: 303149

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.4 10.2 15.4

Manual Integrations

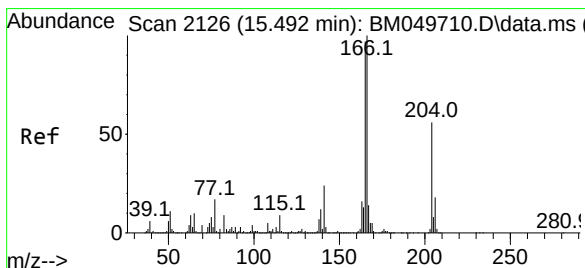
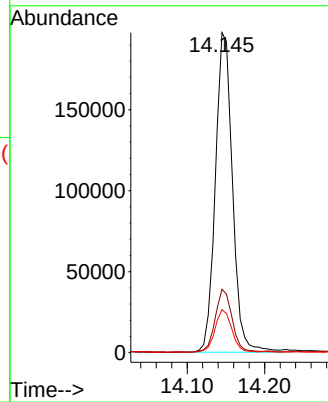
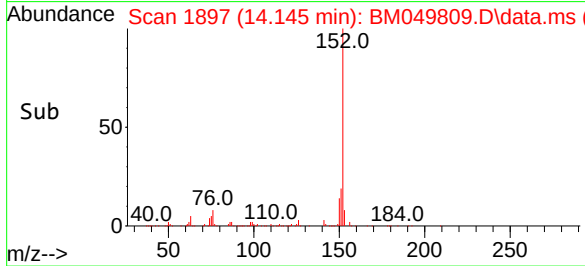
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#58

Fluorene

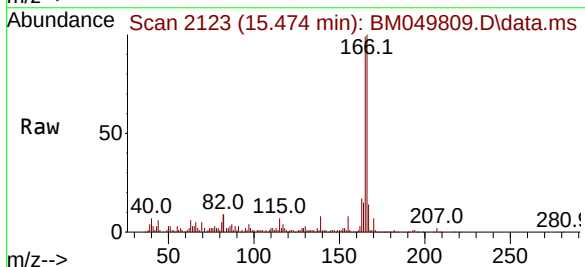
Concen: 2.416 ng

RT: 15.474 min Scan# 2123

Delta R.T. -0.018 min

Lab File: BM049809.D

Acq: 03 Apr 2025 17:14



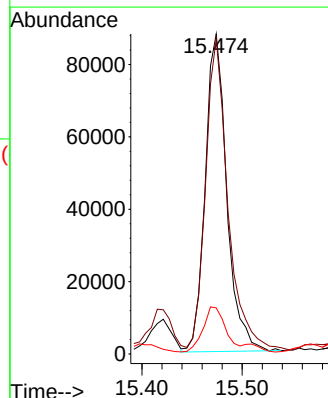
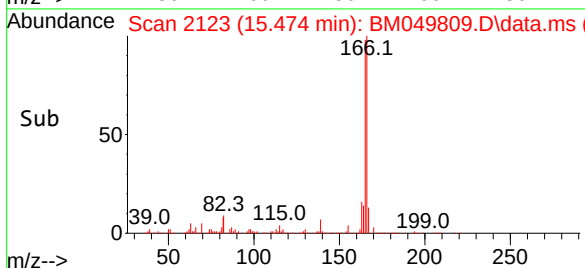
Tgt Ion:166 Resp: 131580

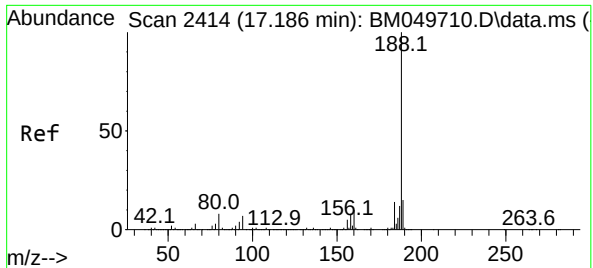
Ion Ratio Lower Upper

166 100

165 98.5 77.5 116.3

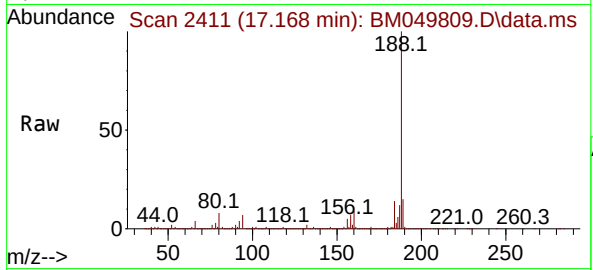
167 14.4 10.9 16.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



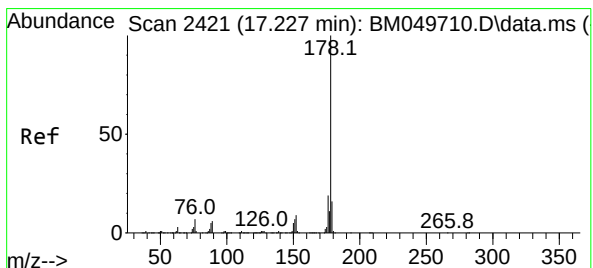
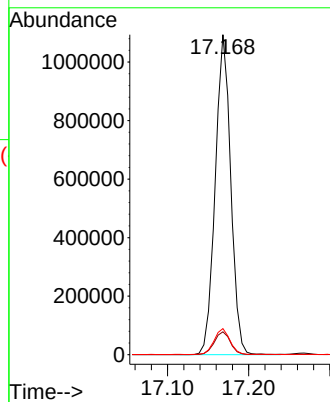
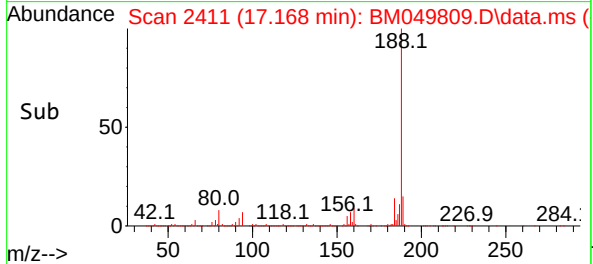
Tgt Ion:188 Resp: 144958
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 8.1 6.3 9.5

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Reviewed By :Rahul
Chavli

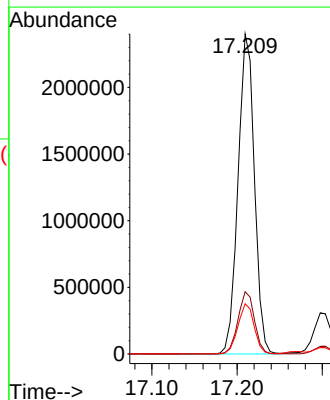
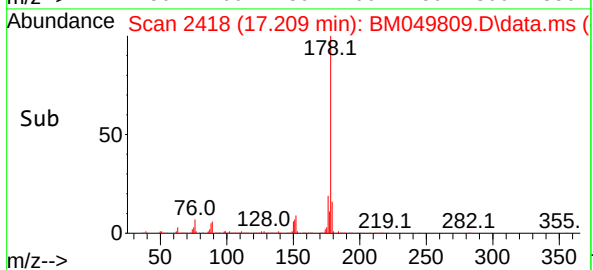
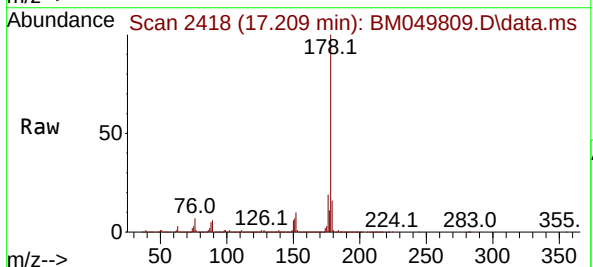
04/04/2025
Supervised By :Jagrut
Upadhyay

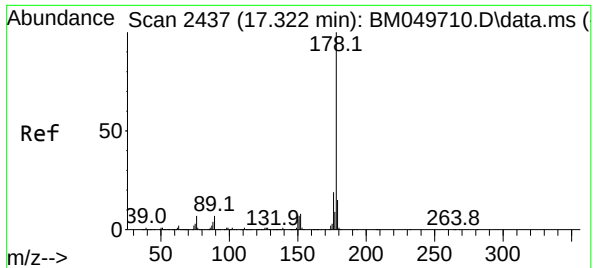
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#71
Phenanthrene
Concen: 39.850 ng
RT: 17.209 min Scan# 2418
Delta R.T. -0.018 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

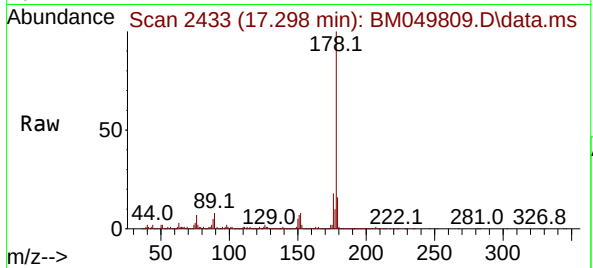
Tgt Ion:178 Resp: 3207601
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.5 18.7





#72
Anthracene
Concen: 5.556 ng
RT: 17.298 min Scan# 2437
Delta R.T. -0.024 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



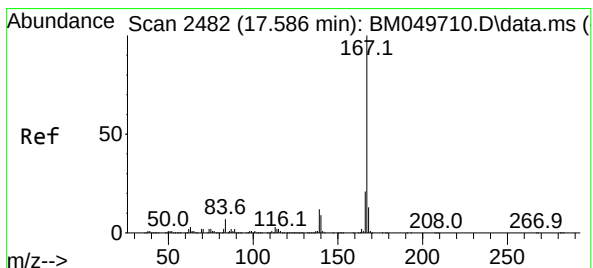
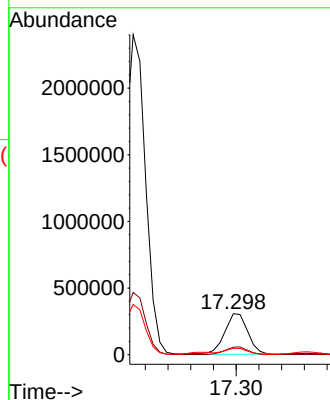
Tgt Ion:178 Resp: 433091
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.8 12.4 18.6

Manual Integrations
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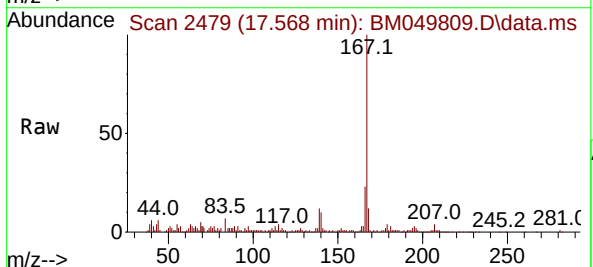
Reviewed By :Rahul
Chavli

04/04/2025
Supervised By :Jagrut
Upadhyay

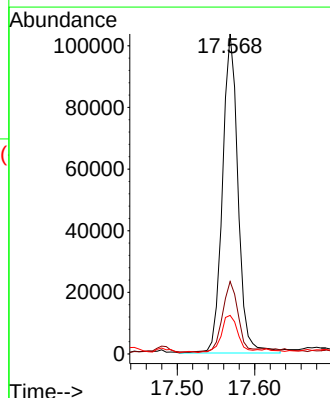
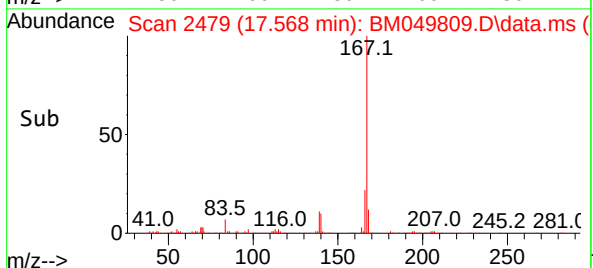
04/04/2025

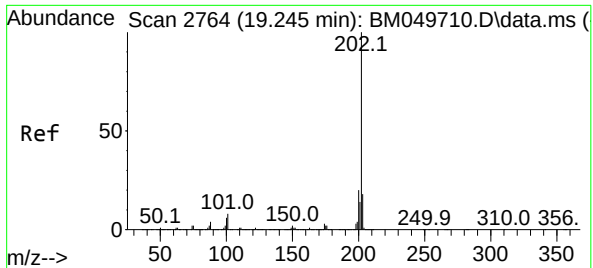


#73
Carbazole
Concen: 2.051 ng
RT: 17.568 min Scan# 2479
Delta R.T. -0.018 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14



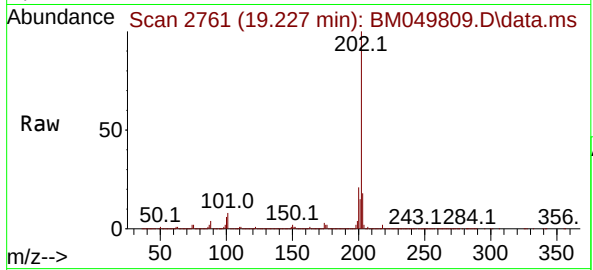
Tgt Ion:167 Resp: 144787
Ion Ratio Lower Upper
167 100
166 22.6 17.0 25.6
139 12.1 9.4 14.2





#75
Fluoranthene
Concen: 51.758 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



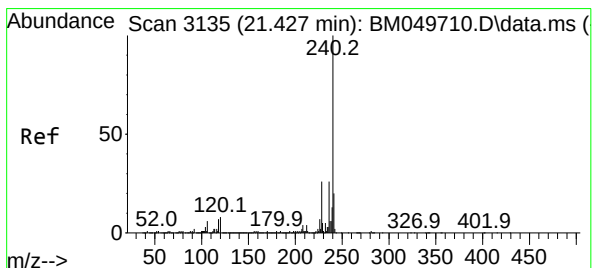
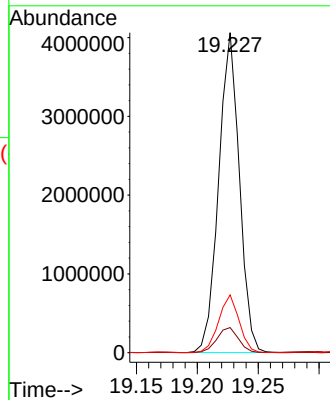
Tgt Ion:202 Resp: 4796420
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.8
203 18.0 0.0 37.6

Manual Integrations
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Reviewed By :Rahul
Chavli

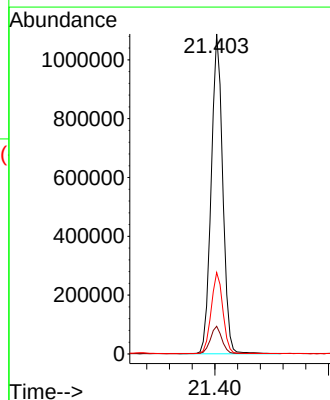
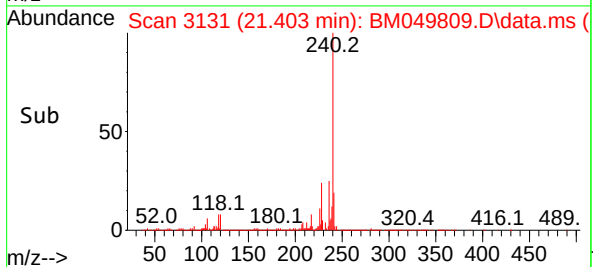
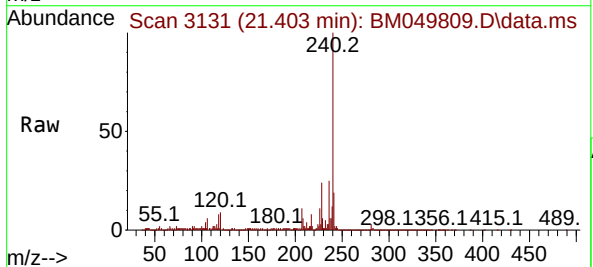
04/04/2025
Supervised By :Jagrut
Upadhyay

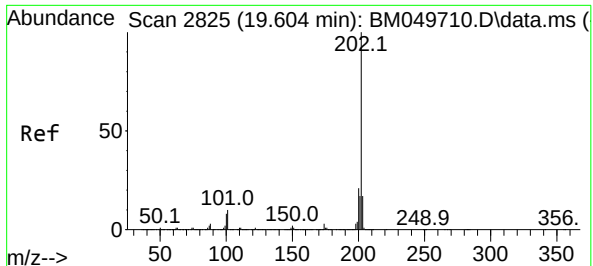
04/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

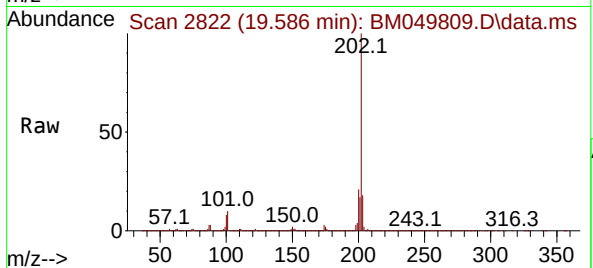
Tgt Ion:240 Resp: 1521361
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 25.5 20.7 31.1





#78
Pyrene
Concen: 41.007 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.018 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



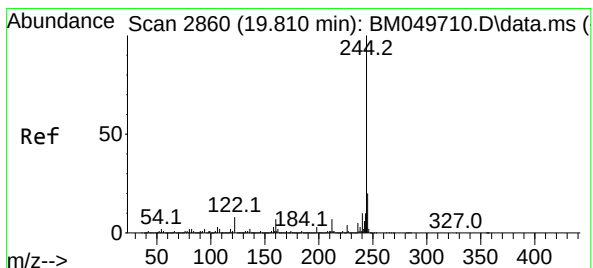
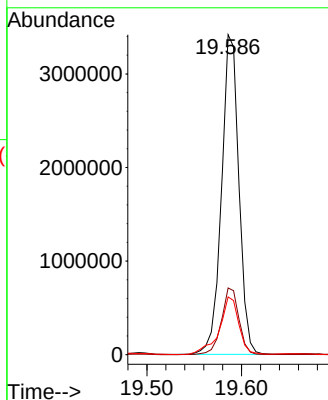
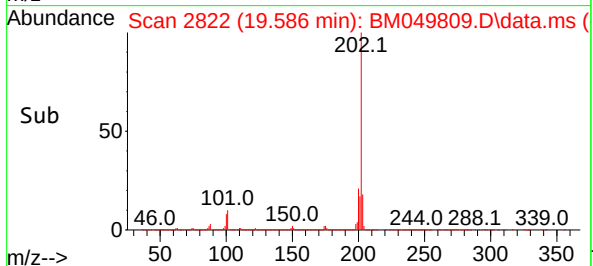
Tgt Ion:202 Resp: 435868
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 18.1 14.0 21.0

Manual Integrations
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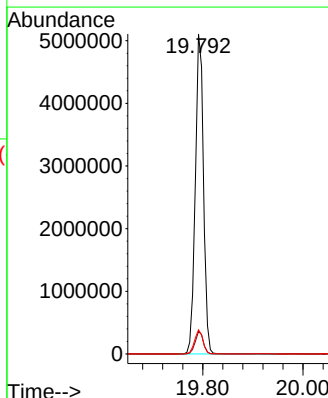
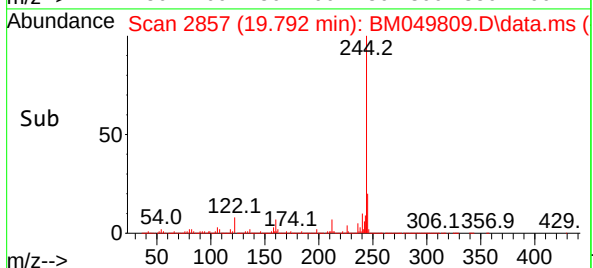
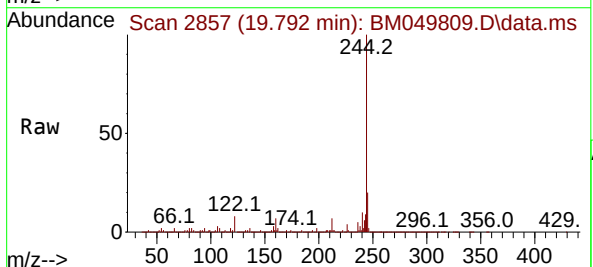
04/04/2025
Supervised By :Jagrut
Upadhyay

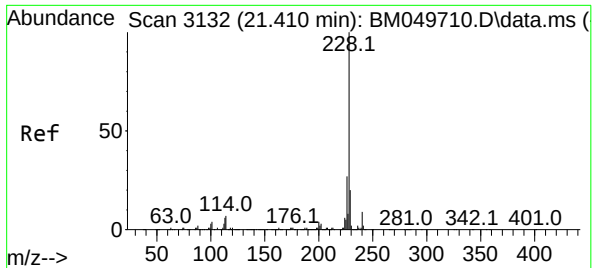
04/04/2025



#79
Terphenyl-d14
Concen: 63.667 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.018 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

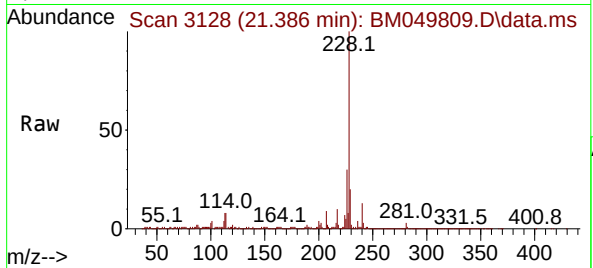
Tgt Ion:244 Resp: 5747969
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 7.6 6.0 9.0





#81
Benzo(a)anthracene
Concen: 17.822 ng
RT: 21.386 min Scan# 3132
Delta R.T. -0.024 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



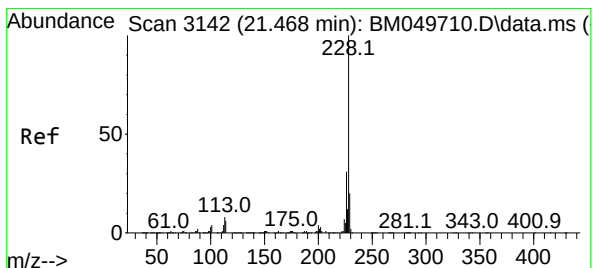
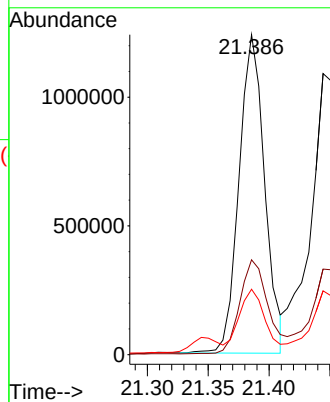
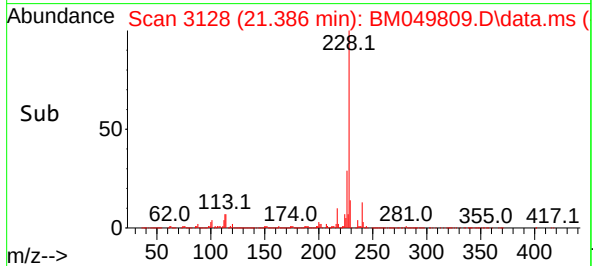
Tgt Ion:228 Resp: 181098
Ion Ratio Lower Upper
228 100
226 29.7 22.0 33.0
229 20.5 15.8 23.8

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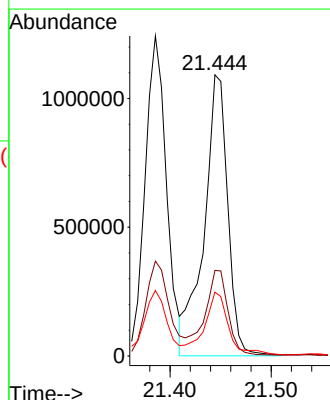
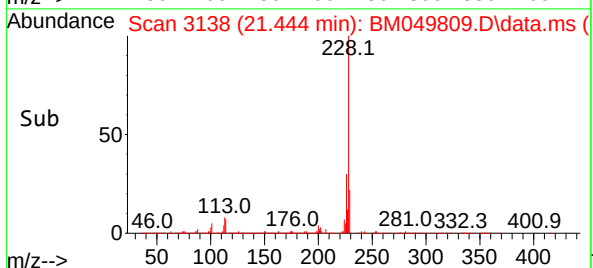
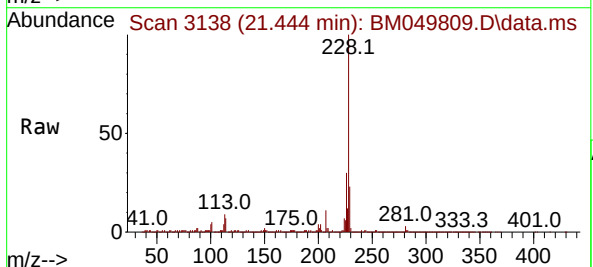
04/04/2025
Supervised By :Jagrut
Upadhyay

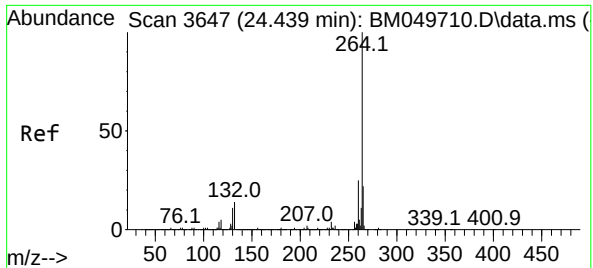
04/04/2025



#83
Chrysene
Concen: 18.479 ng m
RT: 21.444 min Scan# 3138
Delta R.T. -0.024 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

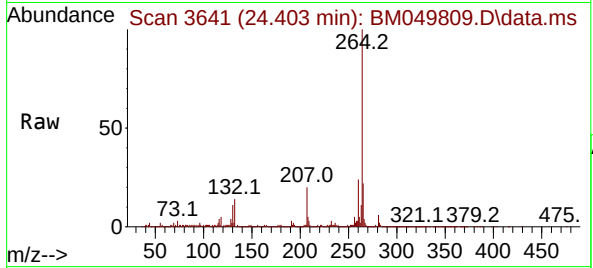
Tgt Ion:228 Resp: 1780044
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 22.7 15.8 23.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 30
Delta R.T. -0.036 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



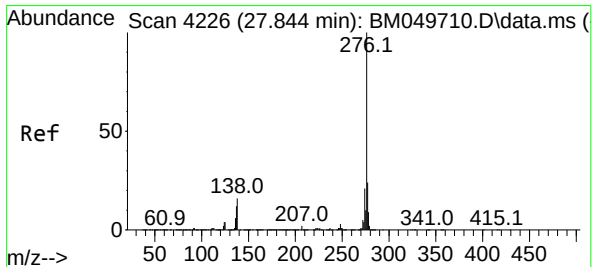
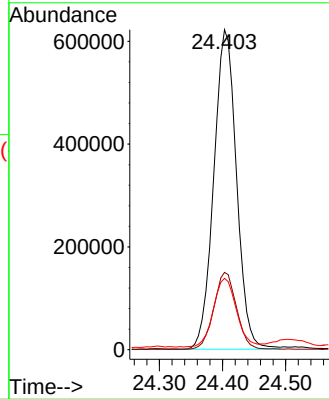
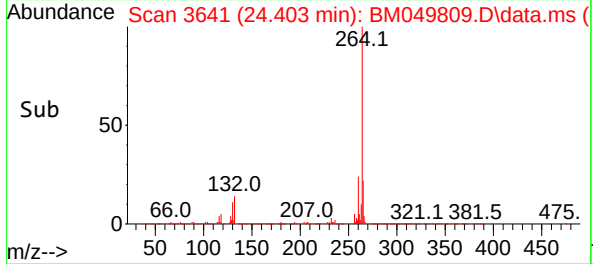
Tgt Ion:264 Resp: 155314
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.3 18.2 27.2

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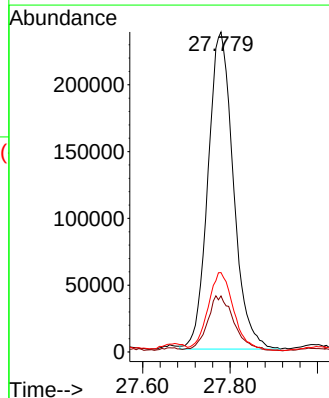
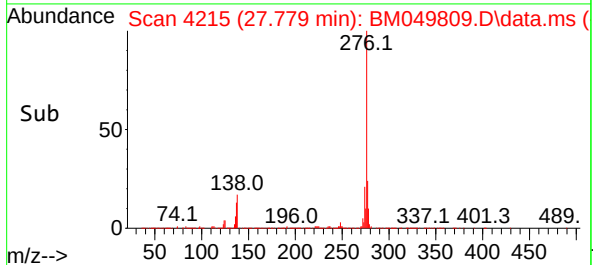
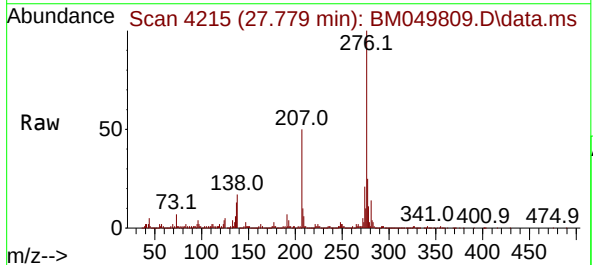
04/04/2025
Supervised By :Jagrut
Upadhyay

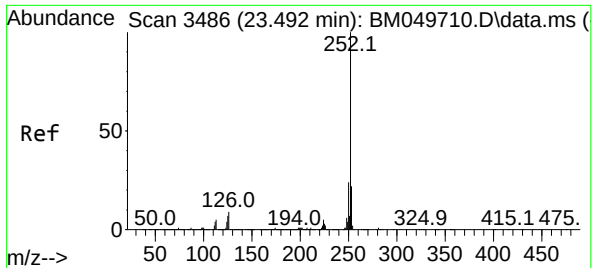
04/04/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 8.572 ng
RT: 27.779 min Scan# 4215
Delta R.T. -0.065 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

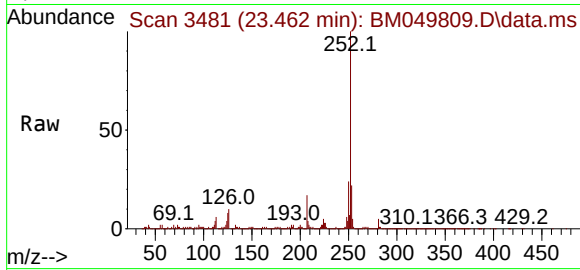
Tgt Ion:276 Resp: 958233
Ion Ratio Lower Upper
276 100
138 18.3 16.3 24.5
277 24.7 19.9 29.9





#88
Benzo(b)fluoranthene
Concen: 20.031 ng
RT: 23.462 min Scan# 3486
Delta R.T. -0.030 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



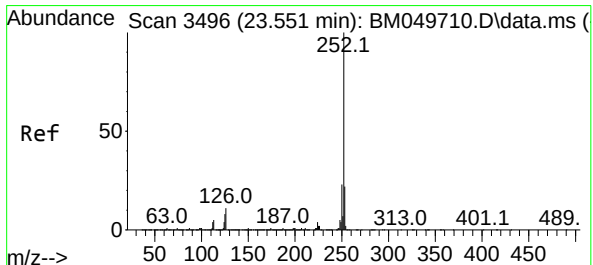
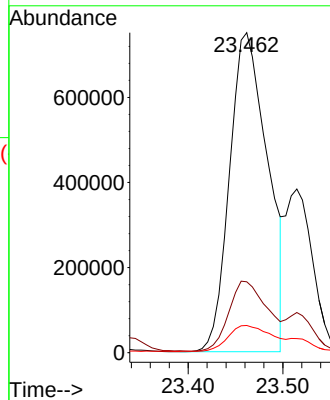
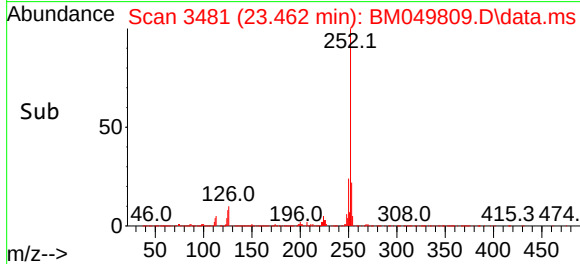
Tgt Ion:252 Resp: 209545
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 8.5 5.9 8.9

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Reviewed By :Rahul
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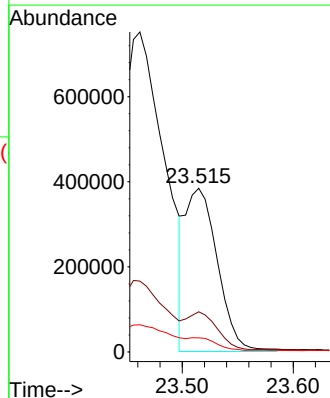
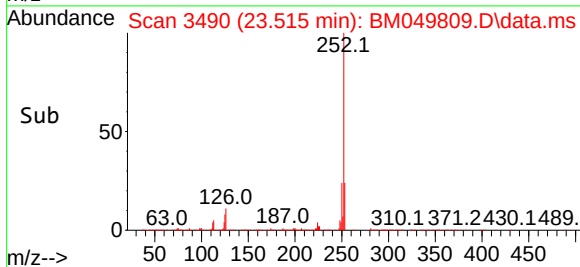
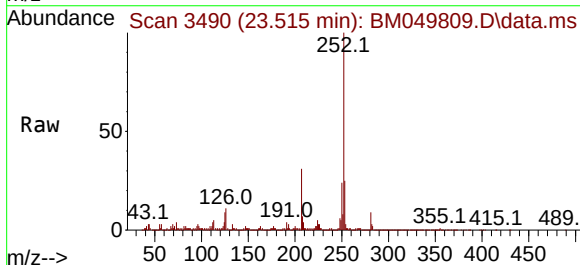
04/04/2025
Supervised By :Jagrut
Upadhyay

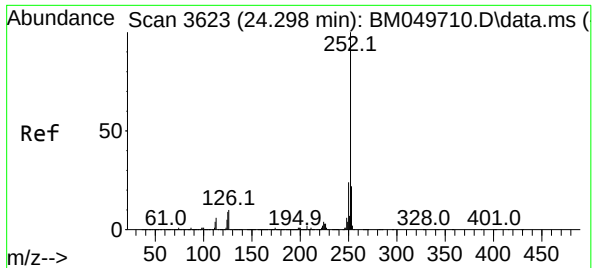
04/04/2025



#89
Benzo(k)fluoranthene
Concen: 7.504 ng m
RT: 23.515 min Scan# 3490
Delta R.T. -0.036 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

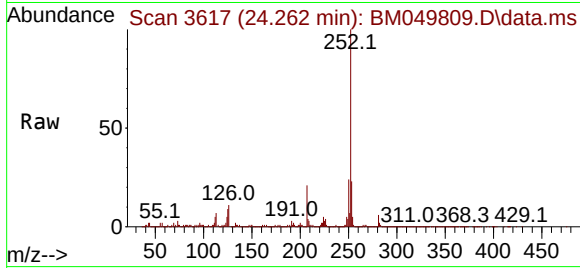
Tgt Ion:252 Resp: 772455
Ion Ratio Lower Upper
252 100
253 24.5 17.3 25.9
125 8.6 6.2 9.2





#90
Benzo(a)pyrene
Concen: 16.665 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.036 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



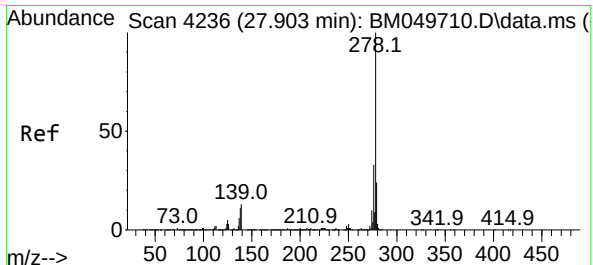
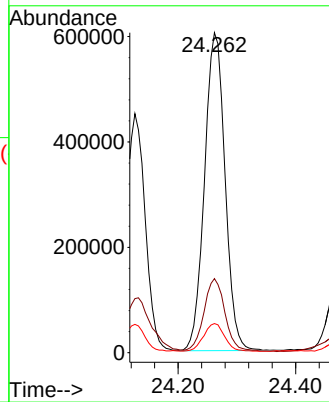
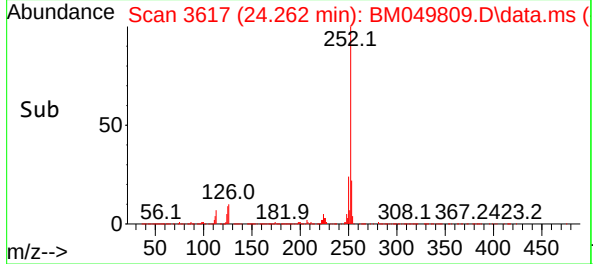
Tgt Ion:252 Resp: 146435
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 9.1 7.0 10.6

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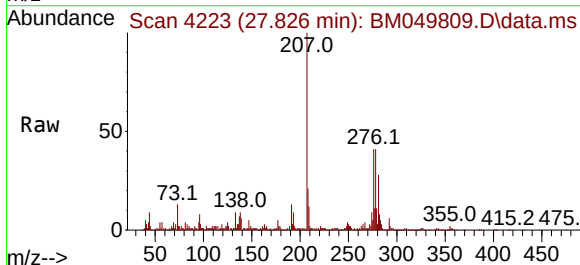
Reviewed By :Rahul
Chavli

04/04/2025
Supervised By :Jagrut
Upadhyay

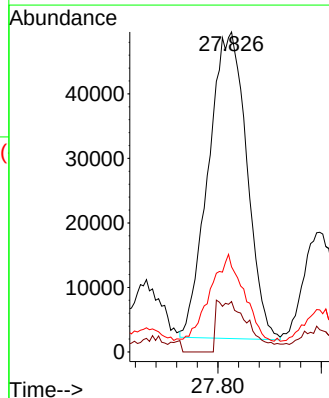
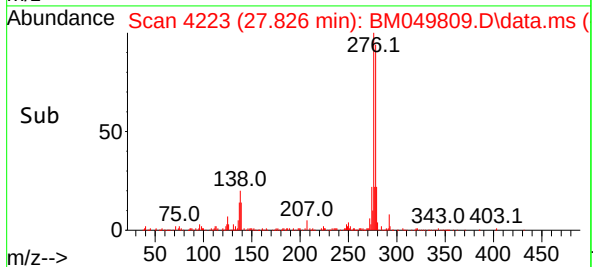
04/04/2025

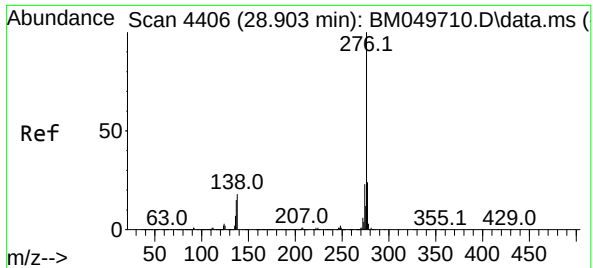


#91
Dibenzo(a,h)anthracene
Concen: 2.625 ng
RT: 27.826 min Scan# 4223
Delta R.T. -0.077 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14



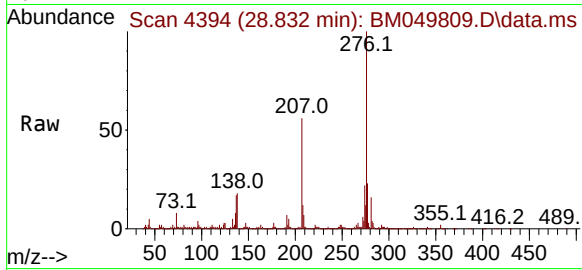
Tgt Ion:278 Resp: 244475
Ion Ratio Lower Upper
278 100
139 15.8 10.1 15.1#
279 26.6 19.1 28.7





#92
Benzo(g,h,i)perylene
Concen: 9.943 ng
RT: 28.832 min Scan# 41
Delta R.T. -0.071 min
Lab File: BM049809.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_M
ClientSampleId :
B-10



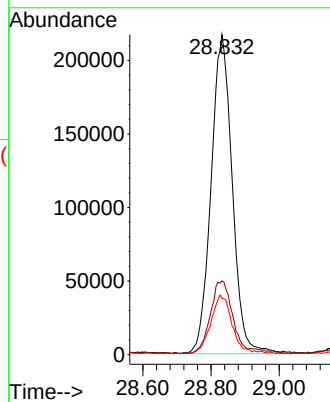
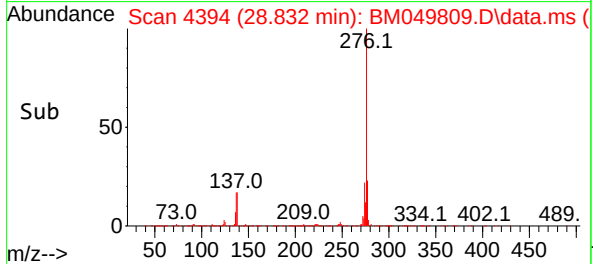
Tgt Ion:276 Resp: 93285
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 17.6 14.0 21.0

Manual Integrations
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Reviewed By :Rahul
Chavli

04/04/2025
Supervised By :Jagrut
Upadhyay

04/04/2025





CALIBRATION SUMMARY



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: TULL02
 Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698 SDG No.: Q1698
 Instrument ID: BNA_M Calibration Date(s): 03/13/2025 03/13/2025
 Calibration Time(s): 09:02 13:37

LAB FILE ID:		RRF2.5 = BM049706.D			RRF005 = BM049707.D		RRF010 = BM049708.D	
		RRF020 = BM049709.D			RRF040 = BM049710.D		RRF050 = BM049711.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.027	1.092	1.201	1.176	1.239	1.185	8.1
Phenol-d6		1.325	1.383	1.498	1.470	1.553	1.488	6.9
Nitrobenzene-d5		0.343	0.361	0.392	0.385	0.403	0.390	7.6
Naphthalene		0.947	0.952	1.029	0.998	1.059	1.028	6.5
2-Fluorobiphenyl		1.388	1.419	1.563	1.587	1.696	1.597	9.6
Acenaphthylene		1.455	1.502	1.656	1.671	1.755	1.677	9.4
Acenaphthene		0.979	0.985	1.072	1.101	1.145	1.100	8.7
Fluorene		1.255	1.297	1.454	1.498	1.564	1.492	11.7
2,4,6-Tribromophenol		0.173	0.193	0.226	0.250	0.270	0.234	19.2
Phenanthrene		0.968	1.001	1.085	1.093	1.158	1.111	9.5
Anthracene		0.892	0.933	1.055	1.066	1.144	1.076	12.1
Fluoranthene		0.974	1.060	1.203	1.300	1.353	1.279	17.0
Pyrene		1.240	1.253	1.390	1.328	1.468	1.397	9.4
Terphenyl-d14		0.978	1.021	1.204	1.207	1.352	1.187	12.6
Benzo (a) anthracene		1.149	1.186	1.318	1.307	1.414	1.336	10.2
Chrysene		1.072	1.134	1.259	1.242	1.333	1.266	10.4
Benzo (b) fluoranthene		1.088	1.138	1.297	1.330	1.433	1.347	14.5
Benzo (k) fluoranthene		1.086	1.148	1.294	1.291	1.408	1.326	13.2
Benzo (a) pyrene		0.899	0.948	1.085	1.120	1.210	1.131	15.3
Indeno (1,2,3-cd) pyrene		1.135	1.213	1.382	1.431	1.567	1.440	15.0
Dibenzo (a,h) anthracene		0.940	1.023	1.151	1.188	1.299	1.199	14.9
Benzo (g,h,i) perylene		0.990	1.043	1.173	1.203	1.296	1.208	12.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM031325.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Mar 13 14:55:34 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BM049706.D 5 =BM049707.D 10 =BM049708.D 20 =BM049709.D 40 =BM049710.D 50 =BM049711.D 60 =BM049712.D 80 =BM049713.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.503	0.485	0.525	0.497	0.512	0.528	0.541	0.513	3.81	
3)	Pyridine	1.250	1.282	1.329	1.299	1.307	1.352	1.353	1.310	2.88	
4)	n-Nitrosodimet...	0.546	0.572	0.600	0.565	0.584	0.600	0.592	0.580	3.48	
5) S	2-Fluorophenol	1.027	1.092	1.201	1.176	1.239	1.275	1.288	1.185	8.14	
6)	Aniline	1.219	1.276	1.306	1.221	1.246	1.246	1.209	1.246	2.78	
7) S	Phenol-d6	1.325	1.383	1.498	1.470	1.553	1.580	1.603	1.487	6.93	
8)	2-Chlorophenol	1.091	1.111	1.193	1.148	1.209	1.226	1.237	1.174	4.89	
9)	Benzaldehyde		0.864	0.830	0.683	0.685	0.615		0.735	14.48	
10) C	Phenol	1.356	1.372	1.463	1.400	1.478	1.509	1.518	1.442	4.56	
11)	bis(2-Chloroet...	1.132	1.141	1.189	1.122	1.178	1.201	1.212	1.168	3.06	
12)	1,3-Dichlorobe...	1.376	1.380	1.438	1.367	1.462	1.471	1.491	1.426	3.60	
13) C	1,4-Dichlorobe...	1.384	1.386	1.470	1.390	1.460	1.483	1.501	1.439	3.52	
14)	1,2-Dichlorobe...	1.307	1.325	1.405	1.330	1.397	1.398	1.412	1.368	3.27	
15)	Benzyl Alcohol	0.818	0.862	0.932	0.929	0.977	0.996	1.019	0.933	7.78	
16)	2,2'-oxybis(1-...	1.386	1.374	1.425	1.323	1.367	1.364	1.368	1.373	2.21	
17)	2-Methylphenol	0.769	0.805	0.876	0.847	0.890	0.899	0.909	0.856	6.09	
18)	Hexachloroethane	0.481	0.488	0.512	0.499	0.522	0.521	0.535	0.508	3.87	
19) P	n-Nitroso-di-n...	0.766	0.820	0.815	0.892	0.867	0.901	0.914	0.925	0.863	6.54
20)	3+4-Methylphenols	1.022	1.077	1.168	1.139	1.183	1.211	1.234	1.148	6.55	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.480	0.483	0.516	0.506	0.527	0.548	0.549	0.516	5.43	
23) S	Nitrobenzene-d5	0.343	0.361	0.392	0.385	0.403	0.420	0.422	0.390	7.57	
24)	Nitrobenzene	0.340	0.341	0.375	0.360	0.375	0.389	0.392	0.367	5.79	
25)	Isophorone	0.531	0.533	0.599	0.590	0.619	0.647	0.668	0.598	8.78	
26) C	2-Nitrophenol	0.115	0.129	0.153	0.158	0.171	0.181	0.188	0.156	17.03	
27)	2,4-Dimethylph...	0.169	0.179	0.199	0.197	0.209	0.218	0.223	0.199	9.96	
28)	bis(2-Chloroet...	0.399	0.389	0.430	0.407	0.431	0.440	0.453	0.421	5.57	
29) C	2,4-Dichloroph...	0.272	0.289	0.328	0.323	0.342	0.353	0.364	0.324	10.32	
30)	1,2,4-Trichlor...	0.376	0.376	0.416	0.391	0.414	0.428	0.439	0.406	6.13	
31)	Naphthalene	0.947	0.952	1.029	0.998	1.059	1.097	1.117	1.028	6.50	
32)	Benzoic acid		0.122	0.144	0.164	0.179	0.199	0.208	0.169	19.39	
33)	4-Chloroaniline	0.315	0.329	0.359	0.350	0.357	0.371	0.377	0.351	6.34	
34) C	Hexachlorobuta...	0.224	0.229	0.254	0.243	0.261	0.267	0.276	0.250	7.76	
35)	Caprolactam	0.058	0.061	0.073	0.078	0.079	0.087	0.090	0.075	16.14	
36) C	4-Chloro-3-met...	0.233	0.240	0.273	0.281	0.289	0.310	0.323	0.278	12.01	
37)	2-Methylnaphth...	0.663	0.656	0.713	0.704	0.735	0.768	0.794	0.719	7.10	
38)	1-Methylnaphth...	0.639	0.640	0.684	0.675	0.711	0.741	0.765	0.694	6.96	

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM031325.M

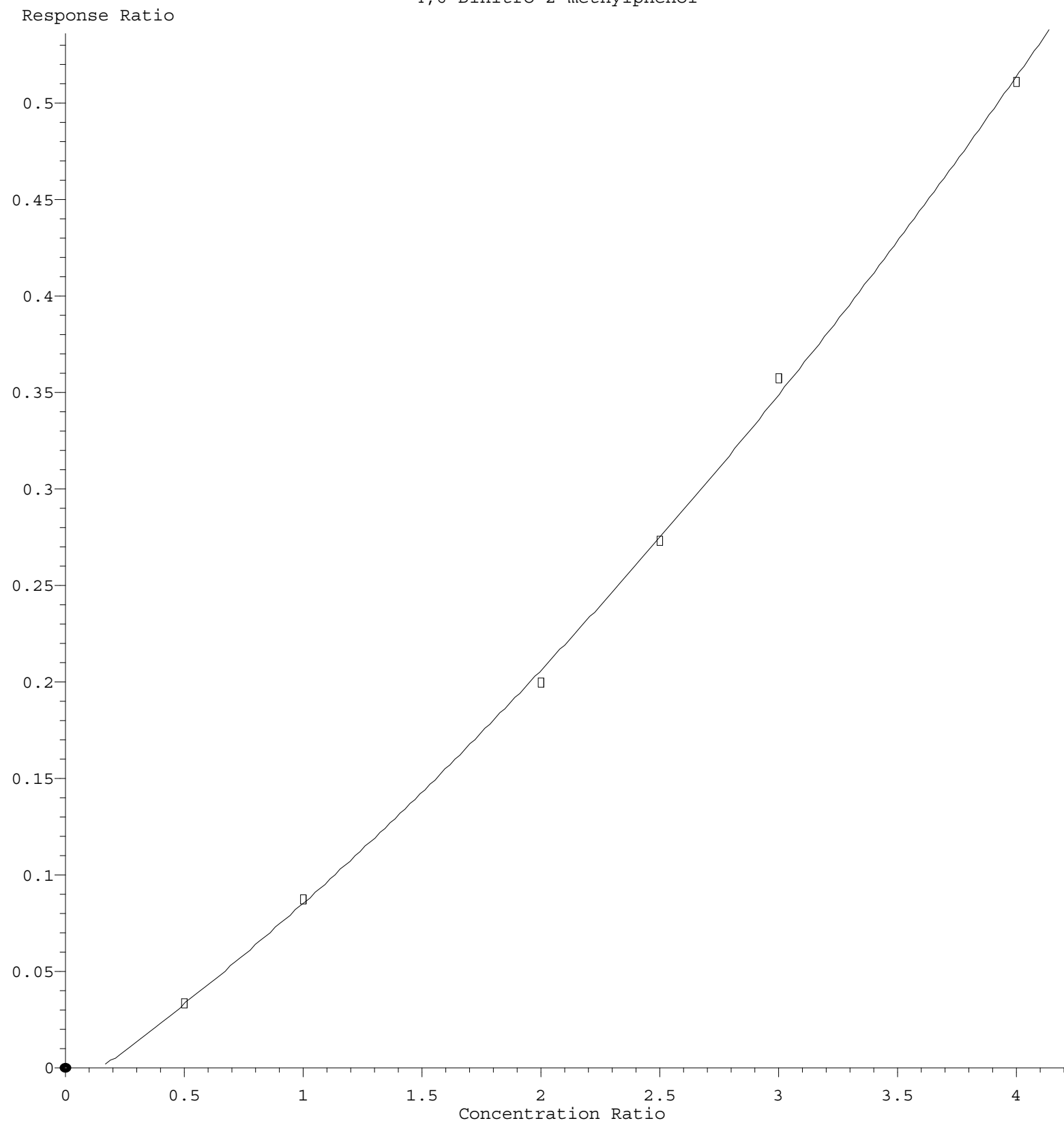
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.633	0.653	0.724	0.720	0.781	0.799	0.833	0.735	10.17	
41) P	Hexachlorocycl...	0.223	0.232	0.266	0.275	0.300	0.300	0.309	0.272	12.53	
42) S	2,4,6-Tribromo...	0.173	0.193	0.226	0.250	0.270	0.289		0.234	19.21	
43) C	2,4,6-Trichlor...	0.315	0.344	0.404	0.418	0.448	0.465	0.485	0.411	15.24	
44)	2,4,5-Trichlor...	0.358	0.385	0.443	0.458	0.478	0.504	0.517	0.449	13.13	
45) S	2-Fluorobiphenyl	1.388	1.419	1.563	1.587	1.696	1.744	1.781	1.597	9.62	
46)	1,1'-Biphenyl	1.398	1.399	1.539	1.523	1.606	1.642	1.683	1.541	7.28	
47)	2-Chloronaphth...	1.085	1.115	1.194	1.177	1.244	1.283	1.301	1.200	6.80	
48)	2-Nitroaniline	0.193	0.225	0.262	0.280	0.294	0.312	0.320	0.269	17.26	
49)	Acenaphthylene	1.455	1.502	1.656	1.671	1.755	1.823	1.877	1.677	9.36	
50)	Dimethylphthalate	1.253	1.262	1.377	1.370	1.402	1.464	1.512	1.377	6.97	
51)	2,6-Dinitrotol...	0.225	0.246	0.274	0.281	0.288	0.304	0.314	0.276	11.34	
52) C	Acenaphthene	0.979	0.985	1.072	1.101	1.145	1.194	1.223	1.100	8.69	
53)	3-Nitroaniline	0.198	0.222	0.259	0.273	0.277	0.300	0.310	0.263	15.43	
54) P	2,4-Dinitrophenol		0.083	0.111	0.132	0.145	0.159	0.174	0.134	24.72	
55)	Dibenzofuran	1.664	1.705	1.814	1.791	1.882	1.956	2.018	1.833	7.00	
56) P	4-Nitrophenol		0.172	0.210	0.233	0.232	0.257	0.267	0.229	15.05	
57)	2,4-Dinitrotol...	0.260	0.294	0.345	0.371	0.379	0.411	0.425	0.355	17.00	
58)	Fluorene	1.255	1.297	1.454	1.498	1.564	1.646	1.732	1.492	11.67	
59)	2,3,4,6-Tetrac...	0.292	0.325	0.366	0.385	0.394	0.419	0.450	0.376	14.39	
60)	Diethylphthalate	1.135	1.170	1.285	1.299	1.338	1.388	1.463	1.297	8.90	
61)	4-Chlorophenyl...	0.666	0.702	0.783	0.818	0.870	0.902	0.963	0.815	13.12	
62)	4-Nitroaniline	0.182	0.219	0.267	0.299	0.297	0.323	0.329	0.274	20.05	
63)	Azobenzene	1.072	1.109	1.232	1.245	1.286	1.337	1.390	1.239	9.30	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.067	0.087	0.100	0.109	0.119	0.128	0.102	21.84	
66) c	n-Nitrosodiphe...	0.530	0.530	0.603	0.600	0.644	0.656	0.679	0.606	9.72	
67)	4-Bromophenyl-...	0.192	0.201	0.227	0.226	0.249	0.251	0.270	0.231	12.13	
68)	Hexachlorobenzene	0.229	0.232	0.253	0.251	0.274	0.281	0.297	0.260	9.77	
69)	Atrazine	0.146	0.151	0.144	0.128	0.098			0.134	16.15	
70) C	Pentachlorophenol		0.118	0.145	0.161	0.171	0.185	0.200	0.163	17.87	
71)	Phenanthrene	0.968	1.001	1.085	1.093	1.158	1.216	1.253	1.111	9.52	
72)	Anthracene	0.892	0.933	1.055	1.066	1.144	1.193	1.246	1.076	12.13	
73)	Carbazole	0.785	0.855	0.952	0.991	1.016	1.091	1.128	0.974	12.57	
74)	Di-n-butylphth...	0.808	0.885	1.042	1.082	1.164	1.201	1.289	1.068	16.12	
75) C	Fluoranthene	0.974	1.060	1.203	1.300	1.353	1.482	1.579	1.279	17.01	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine		0.185	0.287	0.210	0.273	0.219	0.267	0.240	17.00	
78)	Pyrene	1.240	1.253	1.390	1.328	1.468	1.540	1.562	1.397	9.37	
79) S	Terphenyl-d14	0.978	1.021	1.204	1.207	1.352	1.374	1.171	1.187	12.60	
80)	Butylbenzylphth...	0.323	0.352	0.428	0.432	0.482	0.491	0.527	0.434	17.19	
81)	Benzo(a)anthra...	1.150	1.186	1.318	1.307	1.414	1.462	1.515	1.336	10.23	
82)	3,3'-Dichlorob...		0.317	0.396	0.411	0.474	0.479	0.532	0.435	17.44	
83)	Chrysene	1.072	1.134	1.259	1.242	1.333	1.390	1.436	1.266	10.41	
84)	Bis(2-ethylhex...	0.491	0.541	0.678	0.678	0.771	0.748	0.824	0.676	17.97	
85) c	Di-n-octyl pht...		0.774	0.954	1.009	1.146	1.130	1.290	1.050	17.04	

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM031325.M

		-----ISTD-----									
86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.135	1.213	1.382	1.431	1.567	1.630	1.720	1.440	14.96	
88)	Benzo(b)fluora...	1.088	1.138	1.297	1.330	1.433	1.508	1.636	1.347	14.54	
89)	Benzo(k)fluora...	1.086	1.148	1.294	1.291	1.408	1.479	1.573	1.325	13.16	
90) C	Benzo(a)pyrene	0.899	0.948	1.085	1.120	1.210	1.280	1.378	1.131	15.28	
91)	Dibenzo(a,h)an...	0.940	1.023	1.151	1.188	1.299	1.354	1.440	1.199	14.94	
92)	Benzo(g,h,i)pe...	0.990	1.043	1.173	1.203	1.296	1.345	1.407	1.208	12.76	

(#) = Out of Range

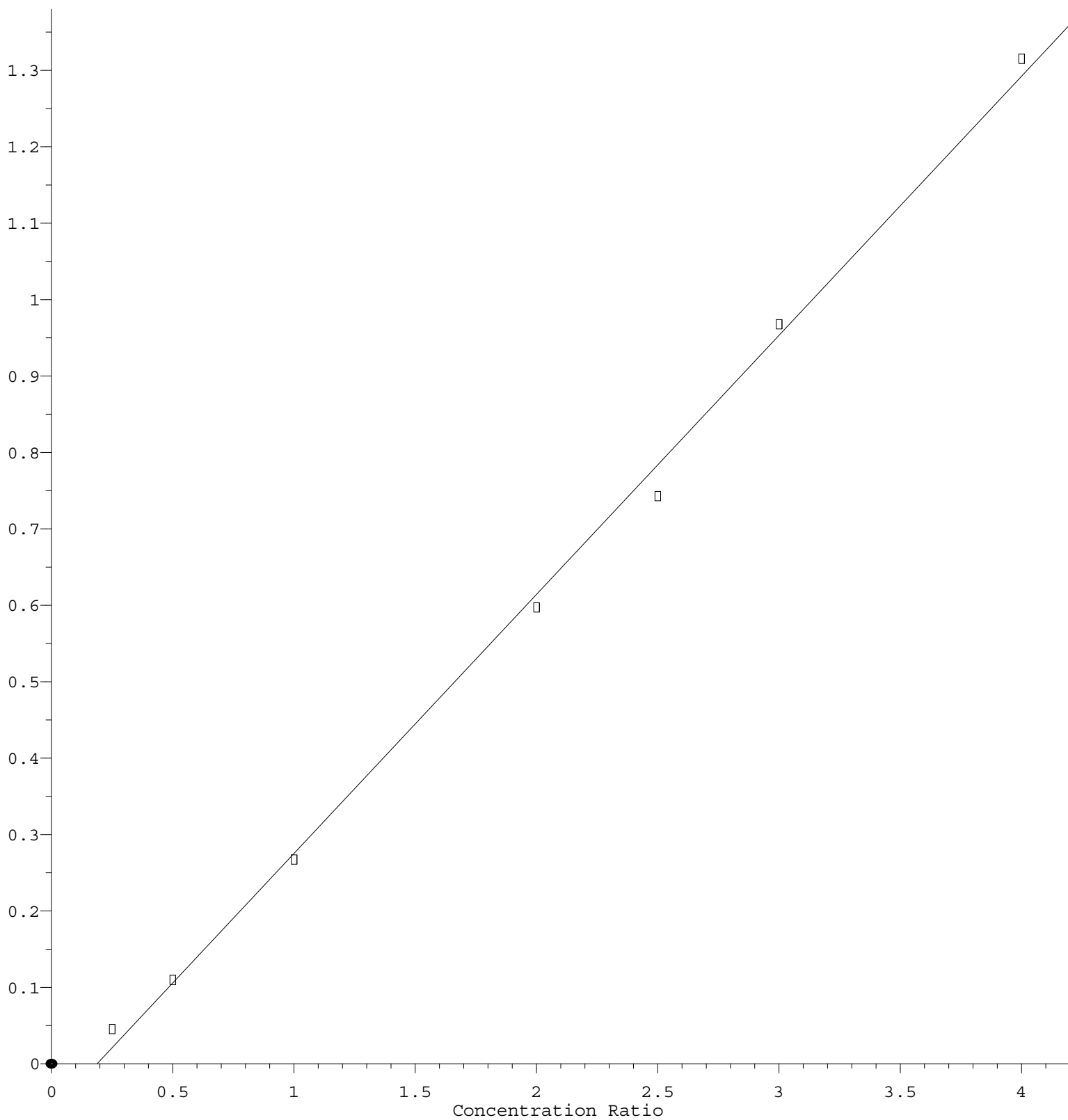
4,6-Dinitro-2-methylphenol



$R = 1.100e-002 A^2 + 8.778e-002 A - 1.348e-002$
 Coef of Det (r^2) = 0.999178 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM031325.M
 Calibration Table Last Updated: Thu Mar 13 14:55:34 2025

4-Nitroaniline

Response Ratio



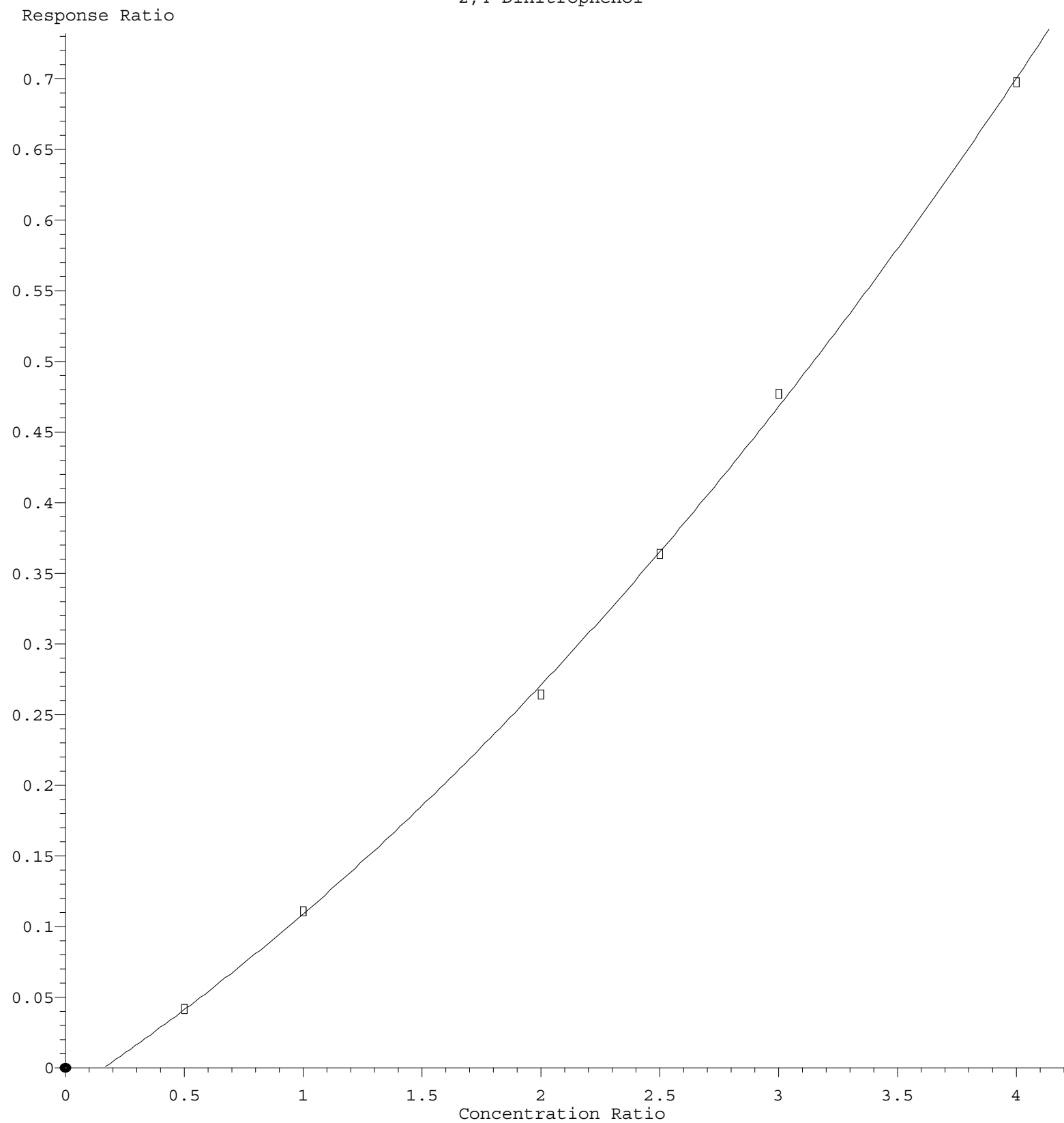
$$\text{Response} = 3.389\text{e-}001 * \text{Amt} - 6.367\text{e-}002$$

Coef of Det (r^2) = 0.997445 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM031325.M

Calibration Table Last Updated: Thu Mar 13 14:55:34 2025

2,4-Dinitrophenol



$R = 1.757e-002 A^2 + 1.093e-001 A - 1.786e-002$
 Coef of Det (r^2) = 0.999531 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM031325.M
 Calibration Table Last Updated: Thu Mar 13 14:55:34 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049706.D
 Acq On : 13 Mar 2025 09:02
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Quant Time: Mar 13 14:38:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

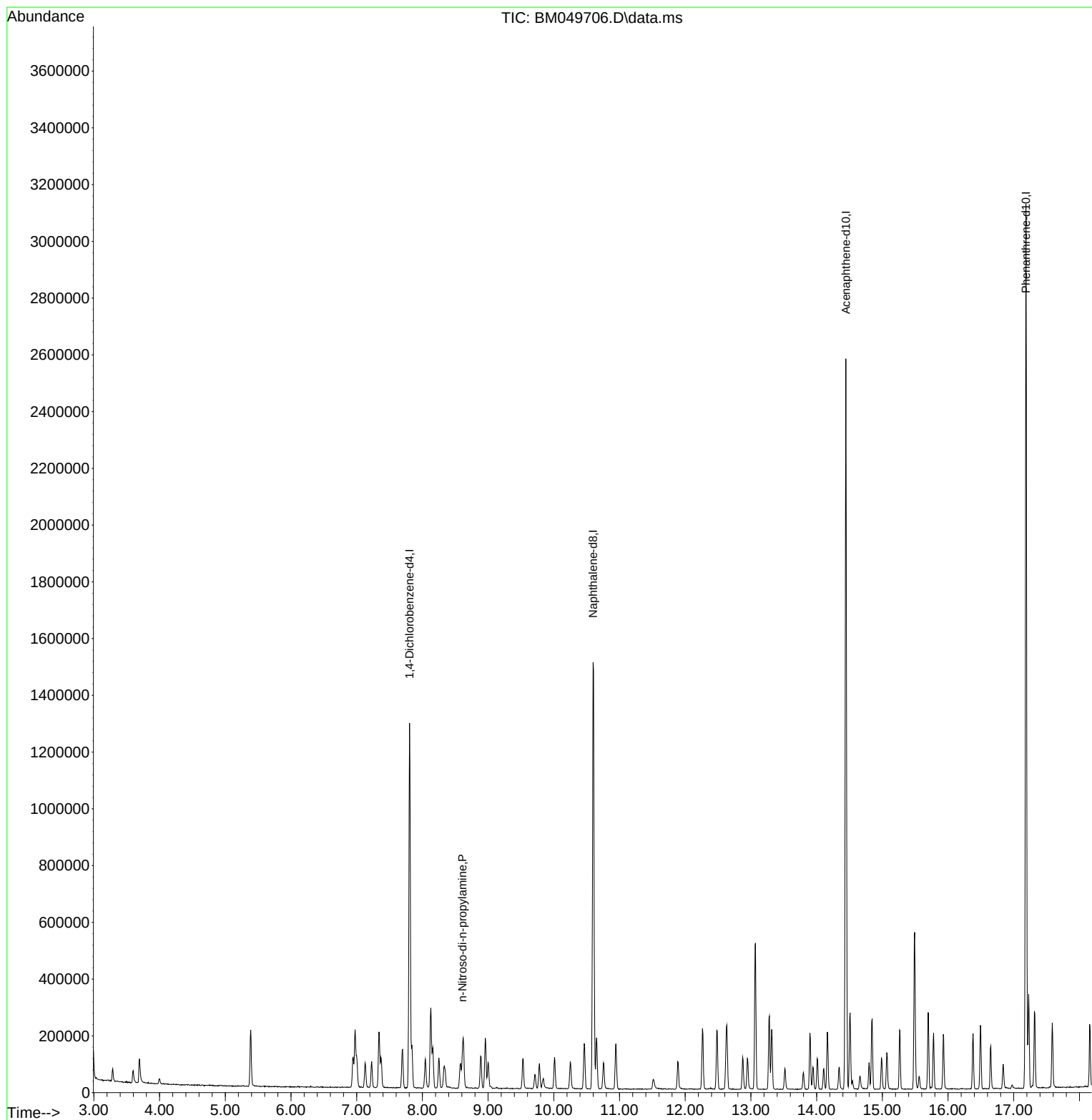
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	343337	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	1223591	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	853260	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1680850	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1392908	20.000	ng	0.00
86) Perylene-d12	24.438	264	1220001	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						
19) n-Nitroso-di-n-propyla...	8.610	70	32886	2.221	ng	Qvalue # 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049706.D
Acq On : 13 Mar 2025 09:02
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

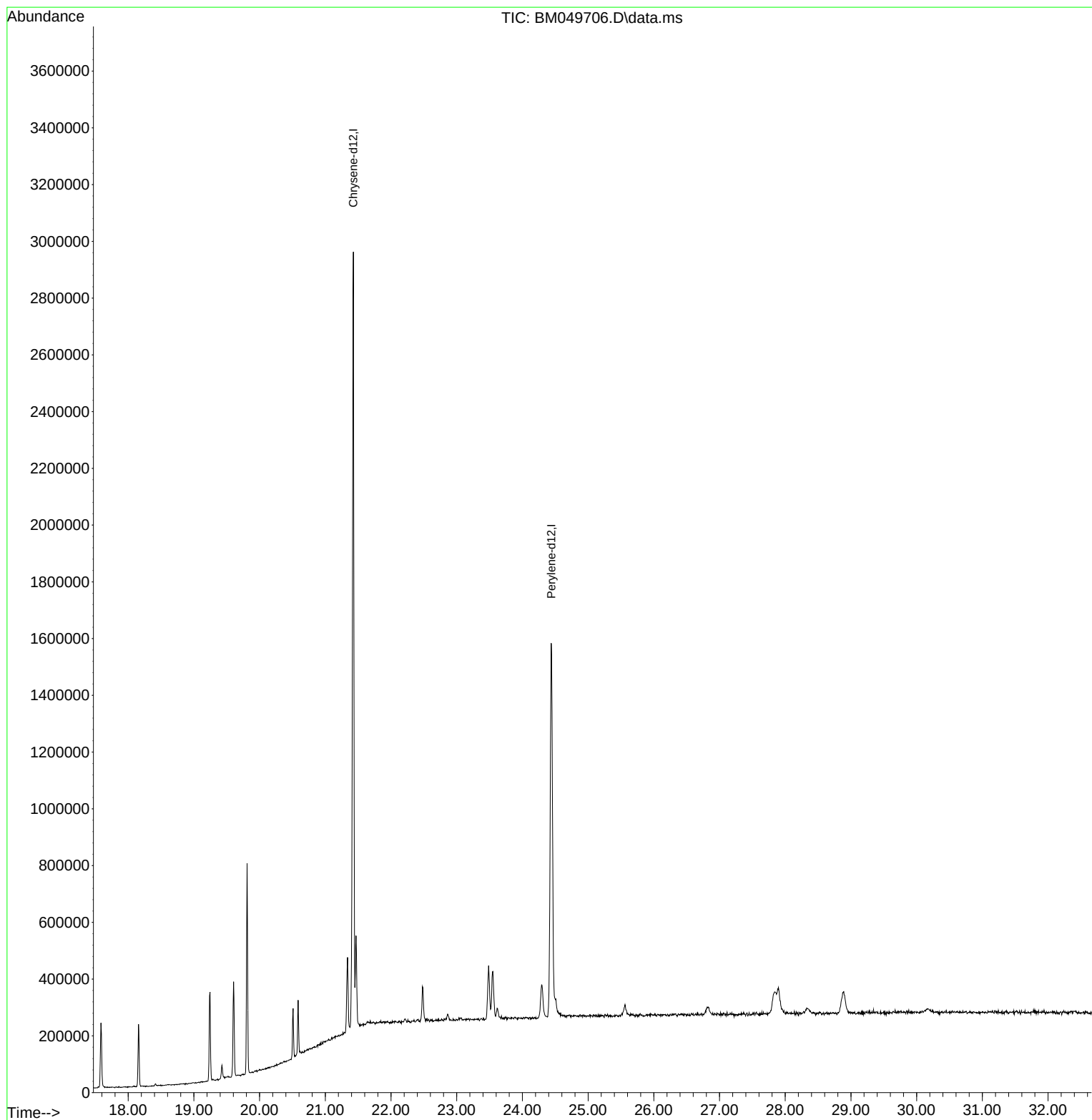
Quant Time: Mar 13 14:38:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration

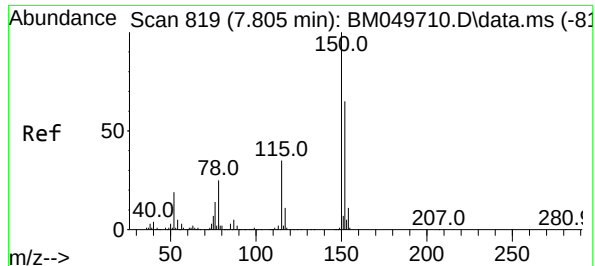


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049706.D
Acq On : 13 Mar 2025 09:02
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 13 14:38:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration

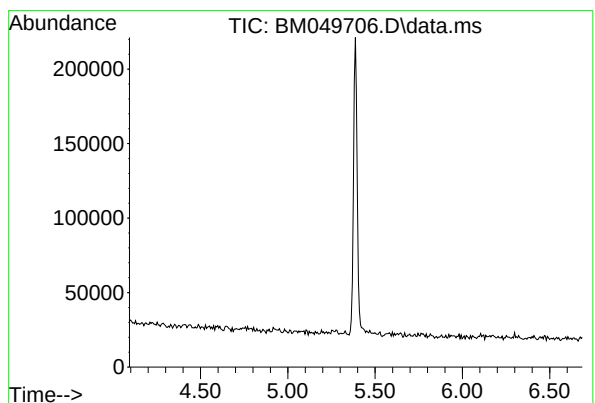
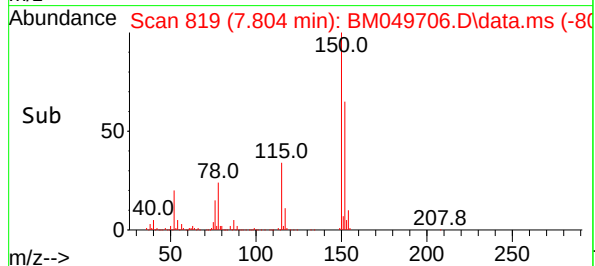
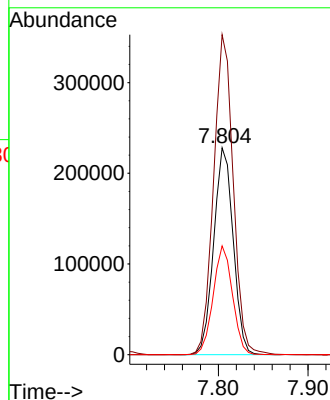
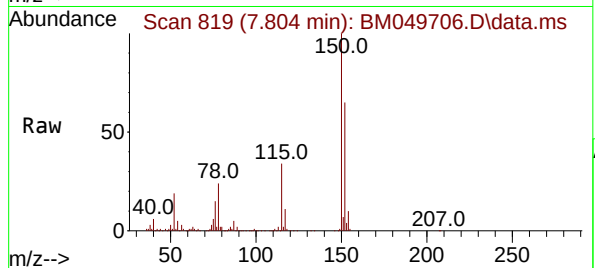




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.001 min
Lab File: BM049706.D
Acq: 13 Mar 2025 09:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

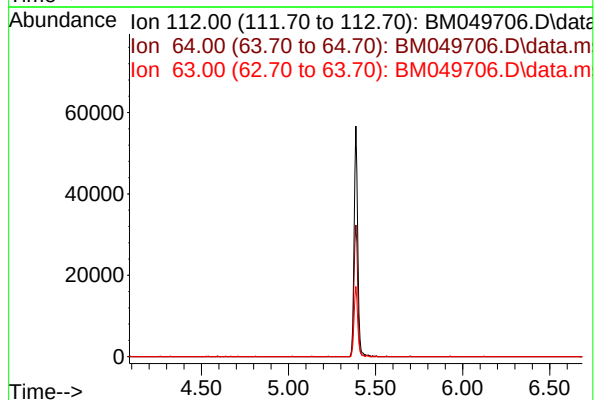
Tgt Ion:152 Resp: 343337
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.8
115 52.6 43.0 64.6

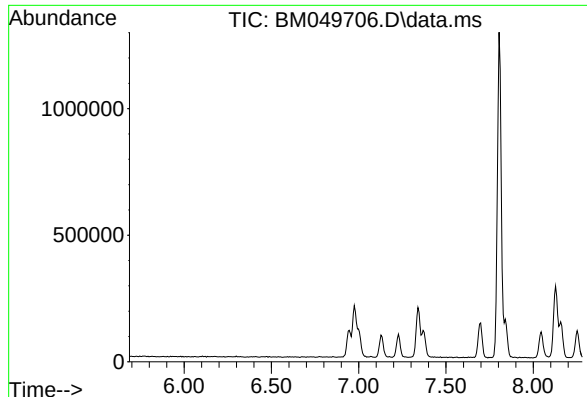


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.39 min

Lab File: BM049706.D
Acq: 13 Mar 2025 09:02

Tgt Ion: 112
Sig Exp Ratio
112 100
64 56.6
63 30.5

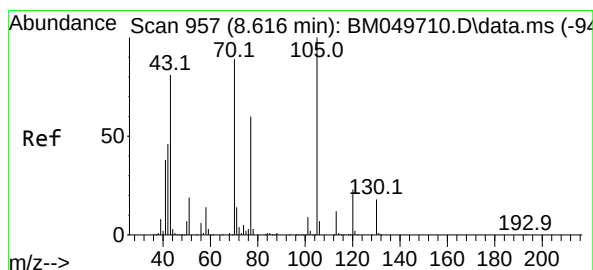
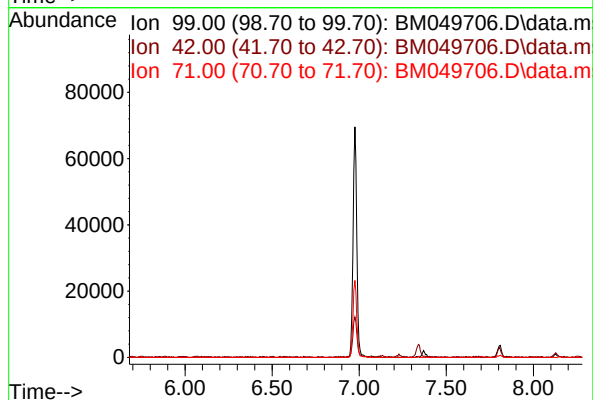




#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.98 min
Lab File: BM049706.D
Acq: 13 Mar 2025 09:02

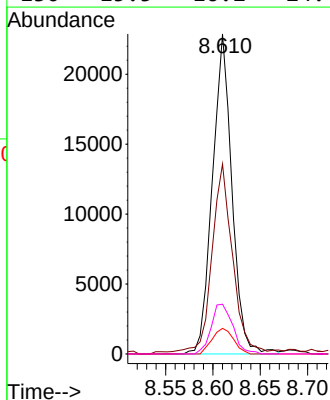
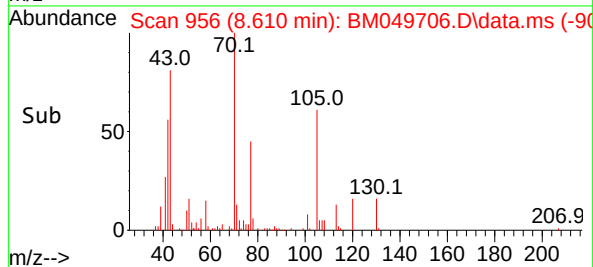
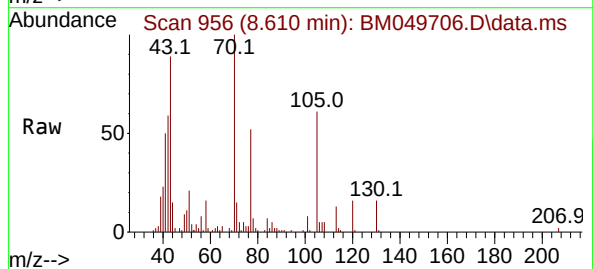
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

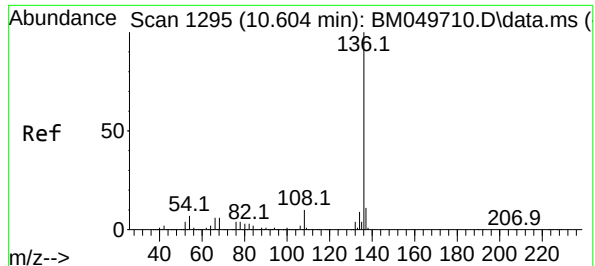
Tgt Ion: 99
Sig Exp Ratio
99 100
42 17.0
71 33.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.221 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.006 min
Lab File: BM049706.D
Acq: 13 Mar 2025 09:02

Tgt Ion: 70 Resp: 32886
Ion Ratio Lower Upper
70 100
42 59.4 41.8 62.6
101 8.0 7.7 11.5
130 15.5 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049706.D

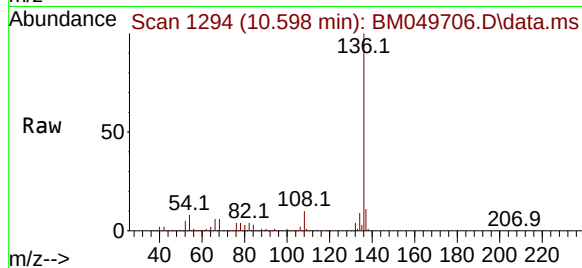
Acq: 13 Mar 2025 09:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 1223591

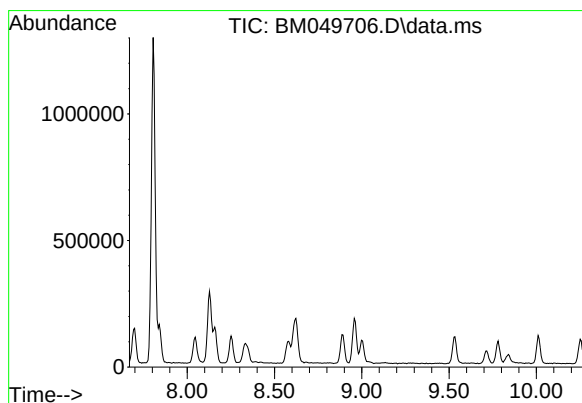
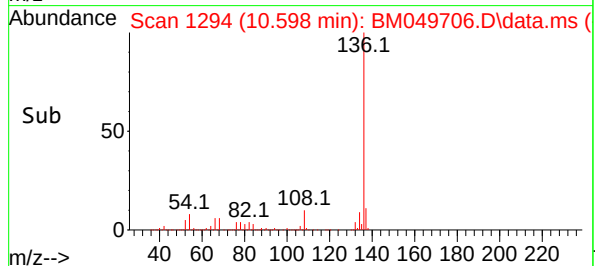
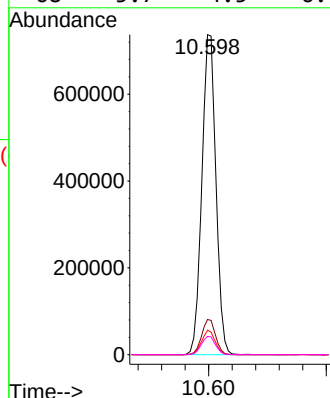
Ion	Ratio	Lower	Upper

136	100		

137	11.0	8.6	12.8

54	7.6	5.8	8.8

68	5.7	4.5	6.7



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.96 min

Lab File: BM049706.D

Acq: 13 Mar 2025 09:02

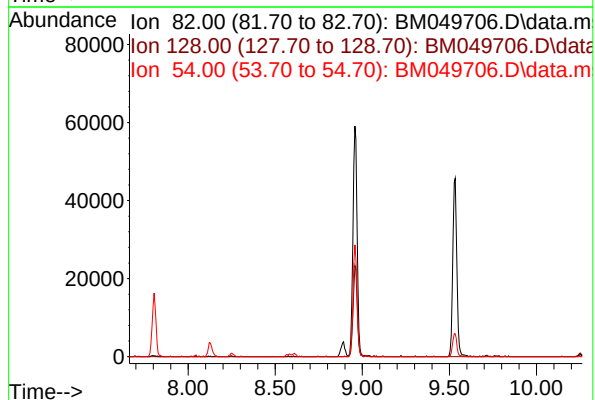
Tgt Ion: 82

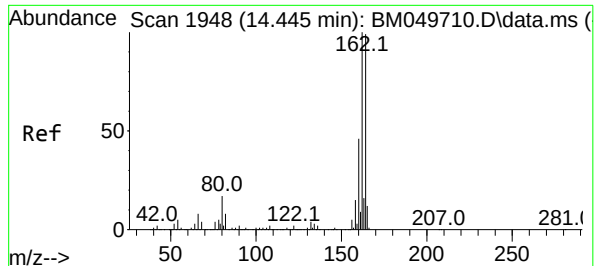
Sig	Exp Ratio

82	100

128	41.7

54	45.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BM049706.D

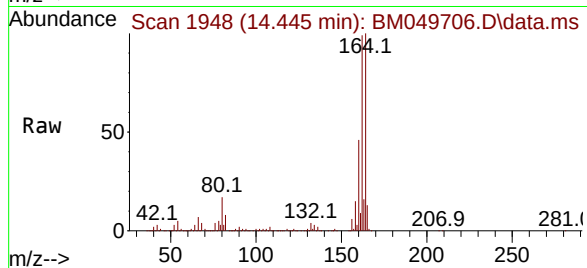
Acq: 13 Mar 2025 09:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



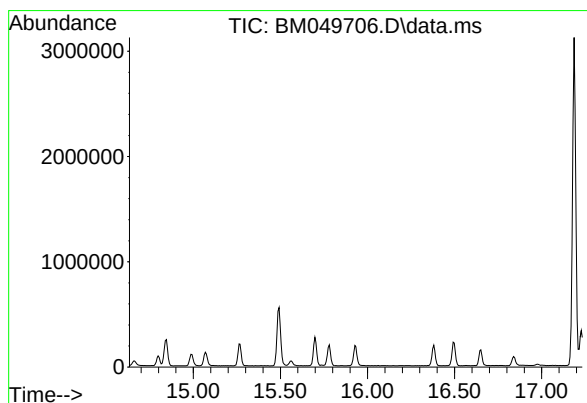
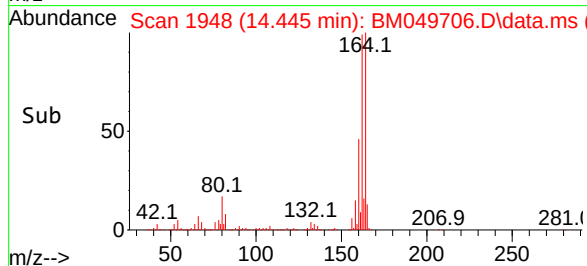
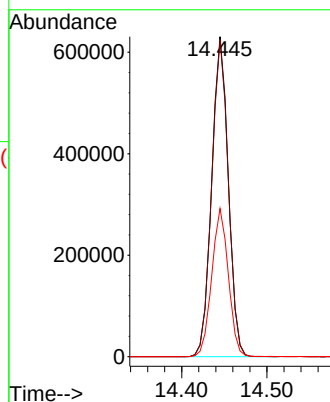
Tgt Ion:164 Resp: 853260

Ion Ratio Lower Upper

164 100

162 99.1 80.5 120.7

160 46.3 36.9 55.3



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.93 min

Lab File: BM049706.D

Acq: 13 Mar 2025 09:02

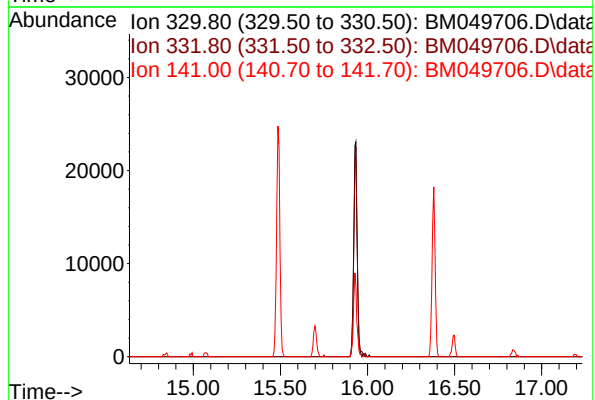
Tgt Ion: 330

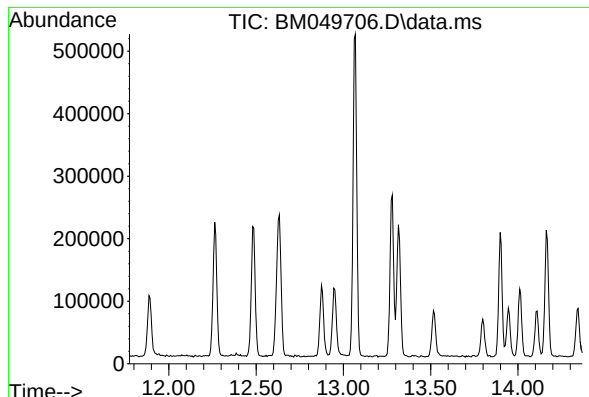
Sig Exp Ratio

330 100

332 96.2

141 34.7

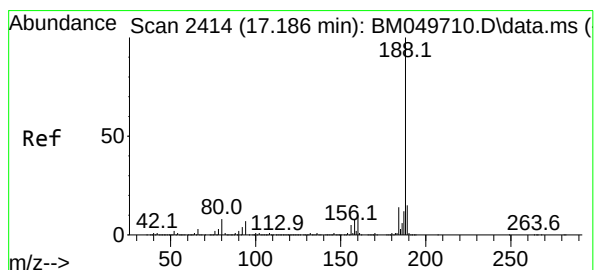
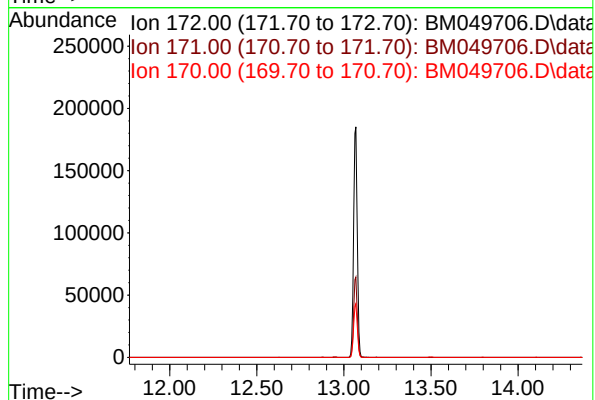




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.07 min
Lab File: BM049706.D
Acq: 13 Mar 2025 09:02

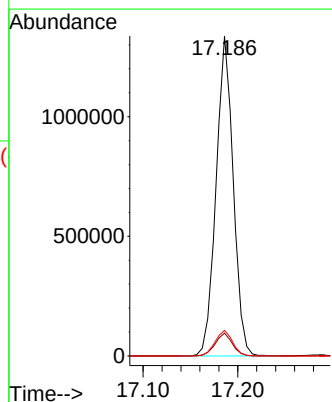
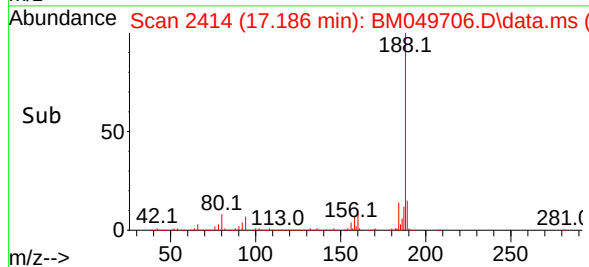
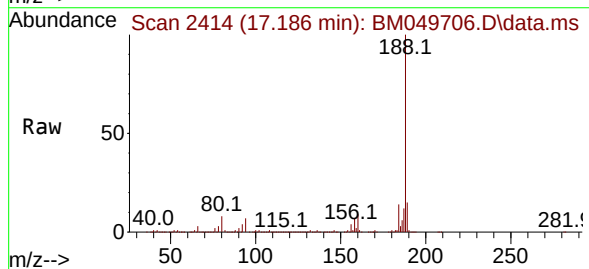
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

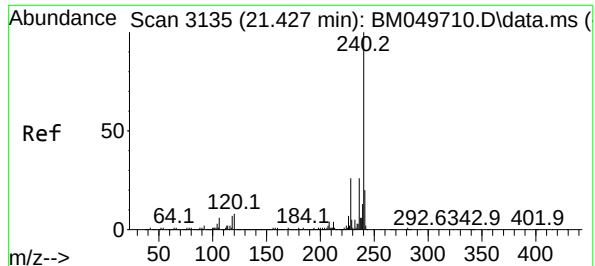
Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.9
170 23.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM049706.D
Acq: 13 Mar 2025 09:02

Tgt Ion: 188 Resp: 1680850
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 8.0 6.3 9.5

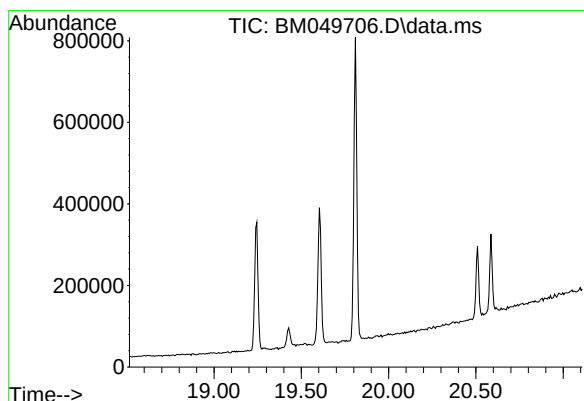
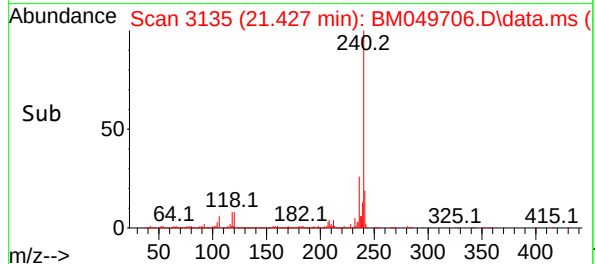
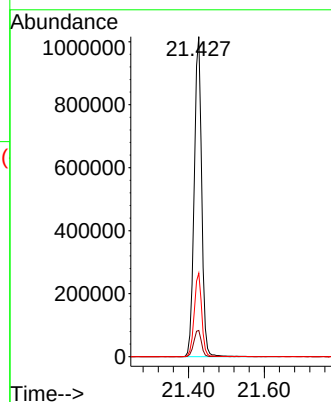
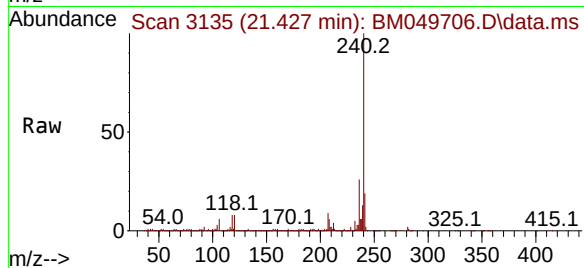




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM049706.D
Acq: 13 Mar 2025 09:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

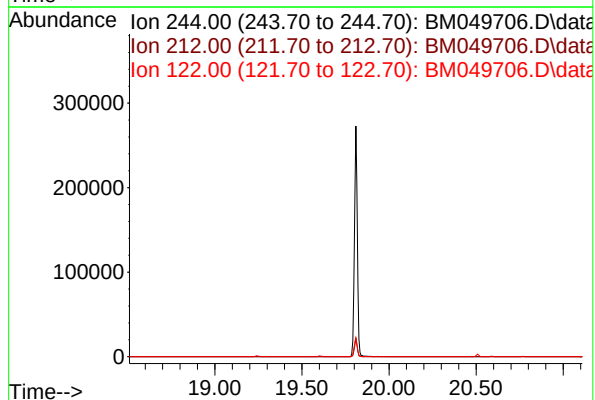
Tgt Ion:240 Resp: 1392908
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 26.1 20.7 31.1

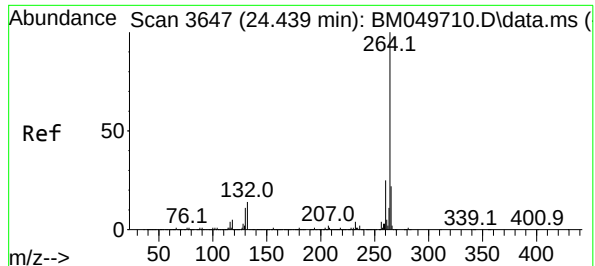


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.81 min

Lab File: BM049706.D
Acq: 13 Mar 2025 09:02

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.2
122 7.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.438 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM049706.D

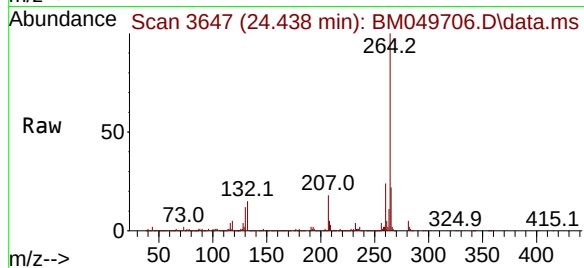
Acq: 13 Mar 2025 09:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



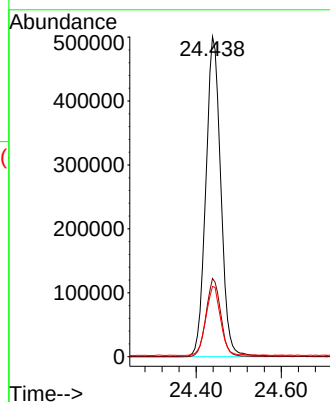
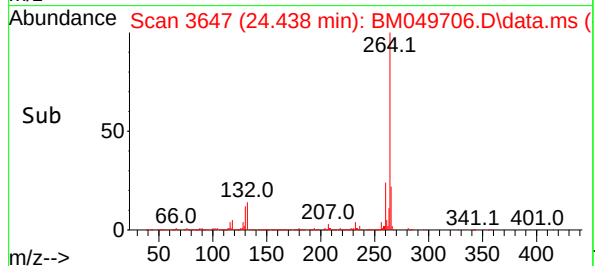
Tgt Ion:264 Resp: 1220001

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 22.0 18.2 27.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049707.D
 Acq On : 13 Mar 2025 09:42
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:39:10 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 13 14:27:21 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	315304	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	1116930	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	728283	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1354361	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1106026	20.000	ng	0.00
86) Perylene-d12	24.439	264	1012212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	161841	8.661	ng	0.00
7) Phenol-d6	6.975	99	208927	8.909	ng	0.00
23) Nitrobenzene-d5	8.957	82	191476	8.802	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	63003	7.408	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	505509	8.693	ng	0.00
79) Terphenyl-d14	19.809	244	541048	8.243	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	39656	4.902	ng	98
3) Pyridine	3.687	79	98528	4.763	ng	91
4) n-Nitrosodimethylamine	3.593	42	43004	4.705	ng	# 97
6) Aniline	7.128	93	96090	4.891	ng	99
8) 2-Chlorophenol	7.375	128	86029	4.649	ng	98
10) Phenol	7.004	94	106862	4.700	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	89246	4.847	ng	99
12) 1,3-Dichlorobenzene	7.693	146	108468	4.823	ng	97
13) 1,4-Dichlorobenzene	7.840	146	109071	4.808	ng	97
14) 1,2-Dichlorobenzene	8.157	146	103023	4.778	ng	96
15) Benzyl Alcohol	8.045	79	64489	4.382	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	109281	5.050	ng	99
17) 2-Methylphenol	8.251	107	60631	4.491	ng	96
18) Hexachloroethane	8.892	117	37900	4.731	ng	93
19) n-Nitroso-di-n-propyla...	8.610	70	64645	4.754	ng	98
20) 3+4-Methylphenols	8.581	107	80556	4.453	ng	97
22) Acetophenone	8.622	105	133969	4.652	ng	# 96
24) Nitrobenzene	9.004	77	94934	4.628	ng	97
25) Isophorone	9.534	82	148174	4.436	ng	99
26) 2-Nitrophenol	9.716	139	32167	3.684	ng	99
27) 2,4-Dimethylphenol	9.781	122	47084	4.237	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	111446	4.737	ng	99
29) 2,4-Dichlorophenol	10.251	162	75855	4.189	ng	94
30) 1,2,4-Trichlorobenzene	10.469	180	105127	4.640	ng	97
31) Naphthalene	10.651	128	264426	4.604	ng	100
33) 4-Chloroaniline	10.757	127	87915	4.485	ng	99
34) Hexachlorobutadiene	10.945	225	62601	4.476	ng	99
35) Caprolactam	11.516	113	16257	3.867	ng	96
36) 4-Chloro-3-methylphenol	11.892	107	64969	4.181	ng	98
37) 2-Methylnaphthalene	12.263	142	185233	4.612	ng	98
38) 1-Methylnaphthalene	12.486	142	178536	4.608	ng	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	115183	4.306	ng	100
41) Hexachlorocyclopentadiene	12.622	237	40661	4.103	ng	99
43) 2,4,6-Trichlorophenol	12.875	196	57349	3.828	ng	97
44) 2,4,5-Trichlorophenol	12.951	196	65204	3.988	ng	99
46) 1,1'-Biphenyl	13.275	154	254537	4.535	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049707.D
 Acq On : 13 Mar 2025 09:42
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:39:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.316	162	197502	4.521	ng	98
48) 2-Nitroaniline	13.516	65	35130	3.582	ng	91
49) Acenaphthylene	14.163	152	264860	4.337	ng	100
50) Dimethylphthalate	13.898	163	228046	4.548	ng	99
51) 2,6-Dinitrotoluene	14.010	165	40941	4.075	ng	97
52) Acenaphthene	14.510	154	178205m	4.454	ng	
53) 3-Nitroaniline	14.345	138	36003	3.766	ng	# 96
55) Dibenzofuran	14.845	168	302949	4.539	ng	99
57) 2,4-Dinitrotoluene	14.798	165	47346	3.662	ng	# 93
58) Fluorene	15.492	166	228548	4.206	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.069	232	53081	3.879	ng	98
60) Diethylphthalate	15.263	149	206708	4.377	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	121289	4.087	ng	95
62) 4-Nitroaniline	15.498	138	33080	6.438	ng	94
63) Azobenzene	15.780	77	195248	4.328	ng	99
66) n-Nitrosodiphenylamine	15.698	169	179325	4.370	ng	98
67) 4-Bromophenyl-phenylether	16.380	248	65014	4.158	ng	98
68) Hexachlorobenzene	16.498	284	77673	4.417	ng	97
69) Atrazine	16.651	200	49560	5.480	ng	96
71) Phenanthrene	17.227	178	327755	4.358	ng	99
72) Anthracene	17.315	178	302012	4.147	ng	98
73) Carbazole	17.586	167	265668	4.028	ng	99
74) Di-n-butylphthalate	18.157	149	273661	3.785	ng	99
75) Fluoranthene	19.245	202	329851	3.810	ng	99
78) Pyrene	19.604	202	342964	4.438	ng	99
80) Butylbenzylphthalate	20.509	149	89358	3.726	ng	99
81) Benzo(a)anthracene	21.403	228	317845	4.302	ng	99
83) Chrysene	21.468	228	296298	4.231	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	135712	3.631	ng	97
87) Indeno(1,2,3-cd)pyrene	27.832	276	287160	3.942	ng	# 88
88) Benzo(b)fluoranthene	23.486	252	275289	4.038	ng	# 99
89) Benzo(k)fluoranthene	23.544	252	274827	4.097	ng	97
90) Benzo(a)pyrene	24.297	252	227436	3.972	ng	98
91) Dibenzo(a,h)anthracene	27.897	278	237863	3.919	ng	98
92) Benzo(g,h,i)perylene	28.891	276	250396	4.095	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049707.D
Acq On : 13 Mar 2025 09:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

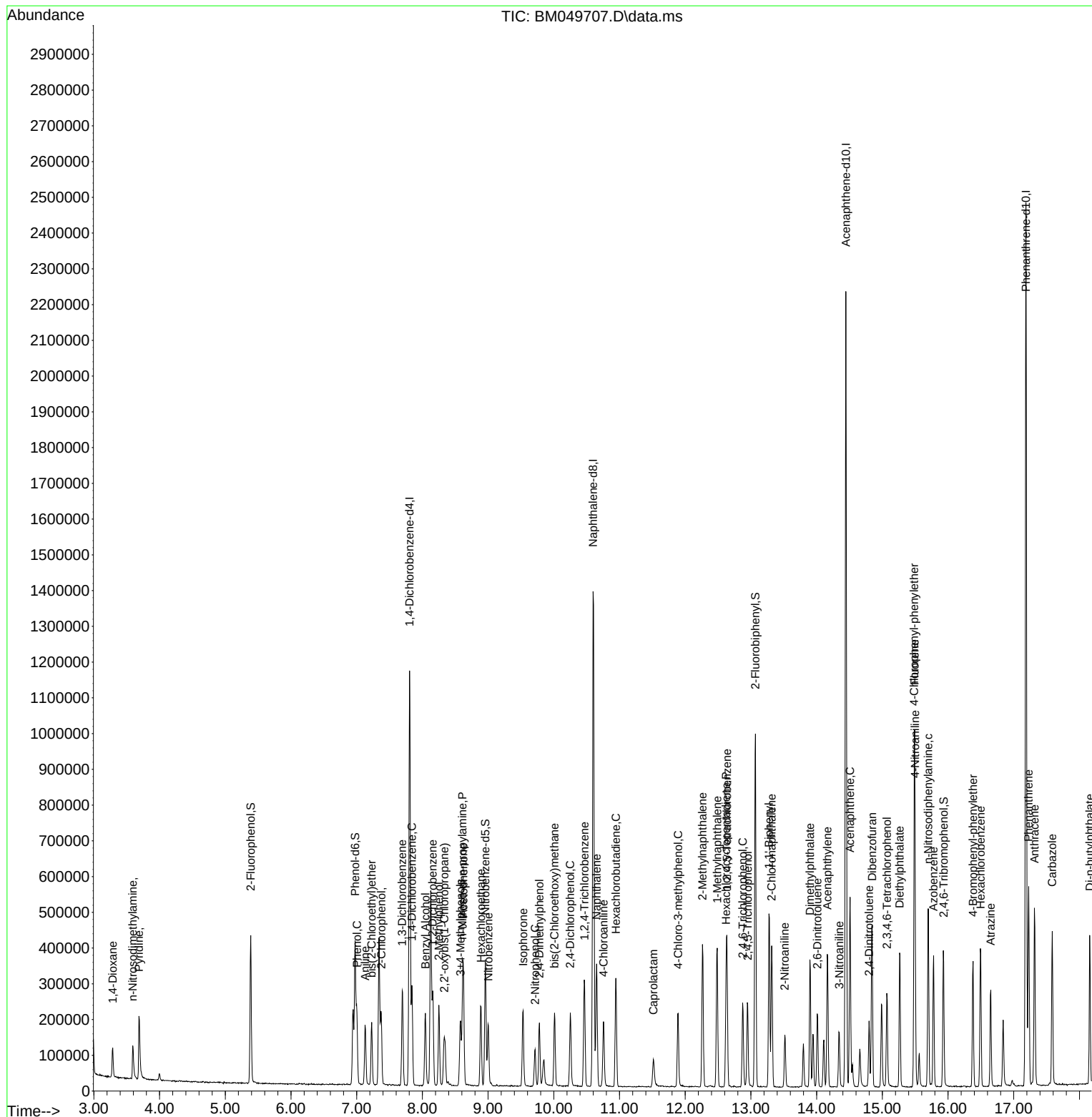
Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:39:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration



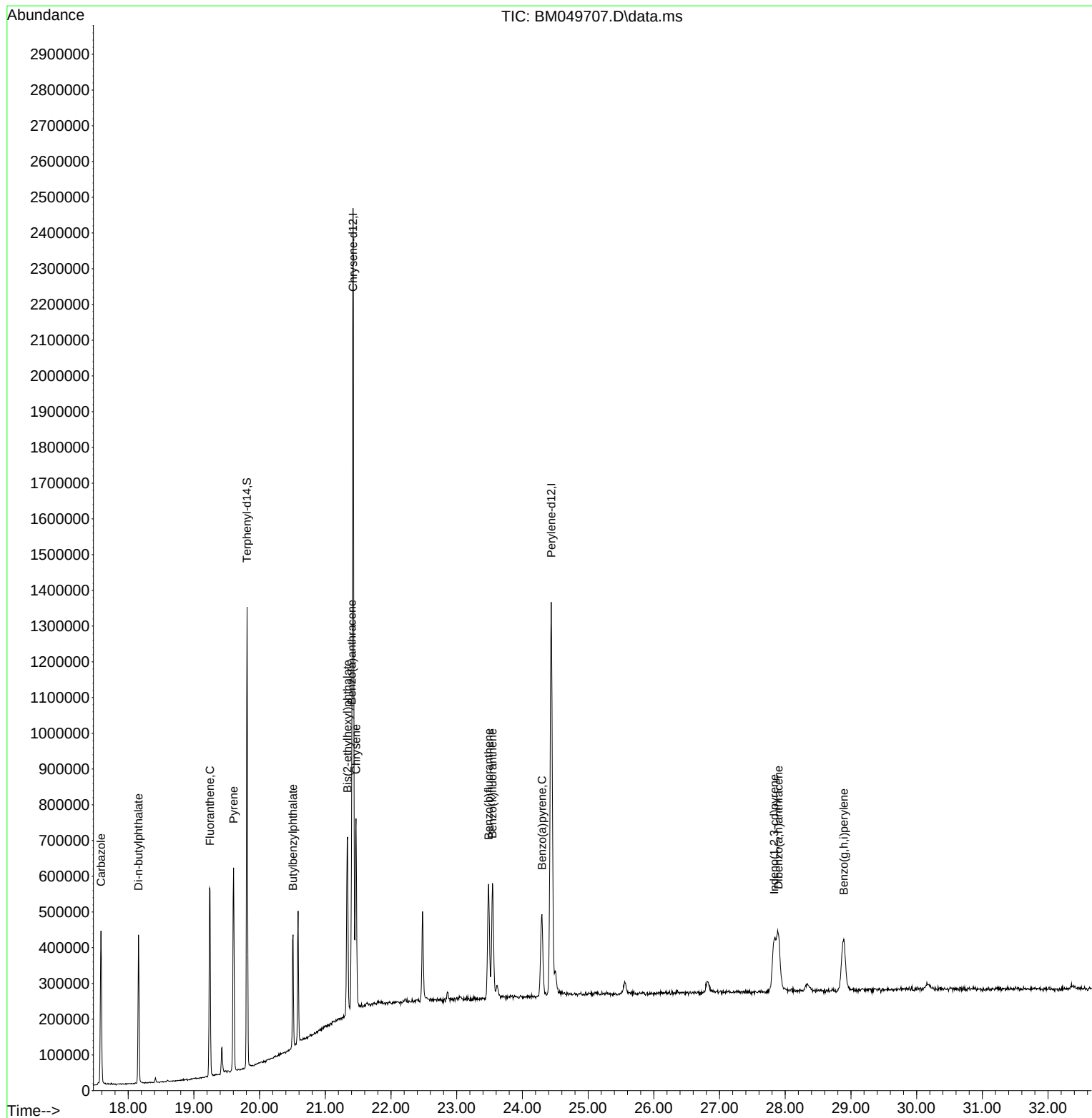
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Data File : BM049707.D
Acq On : 13 Mar 2025 09:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

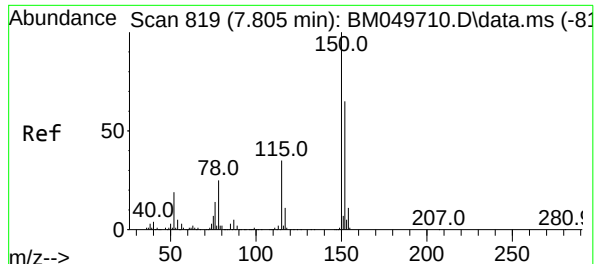
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

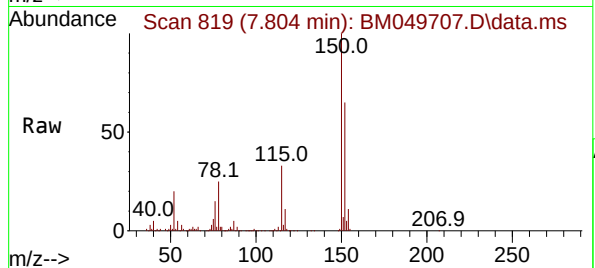
Quant Time: Mar 13 14:39:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.001 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

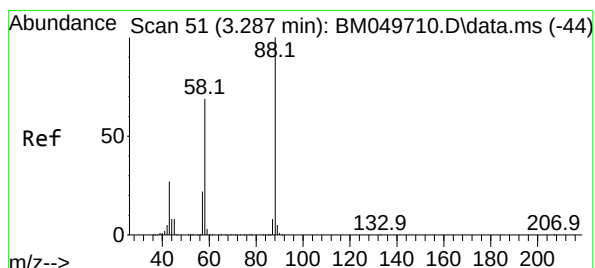
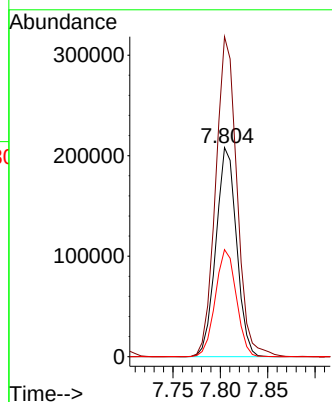
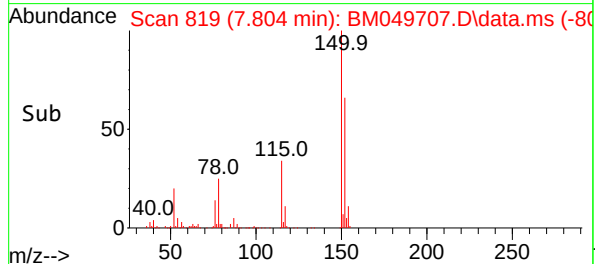
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 315304
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.8
115 51.2 43.0 64.6

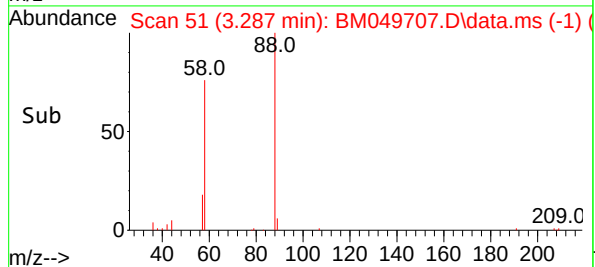
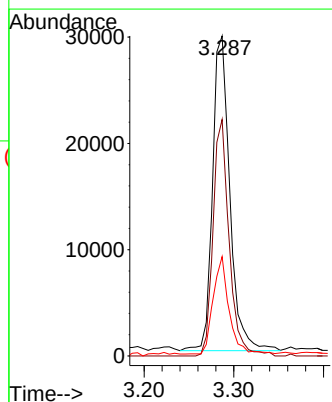
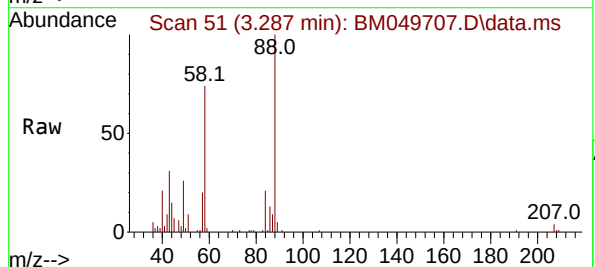
Manual Integrations
APPROVED

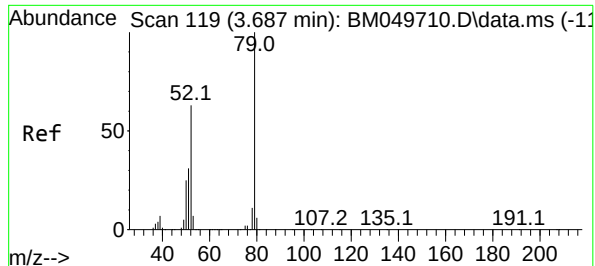
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#2
1,4-Dioxane
Concen: 4.902 ng
RT: 3.287 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Tgt Ion: 88 Resp: 39656
Ion Ratio Lower Upper
88 100
58 69.7 56.7 85.1
43 31.0 22.6 34.0





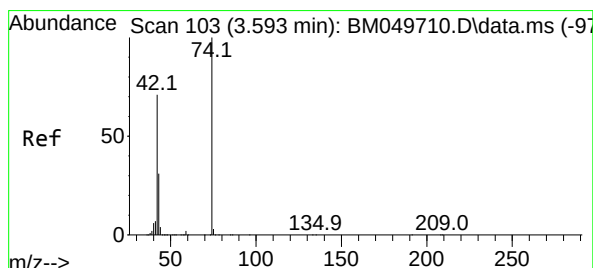
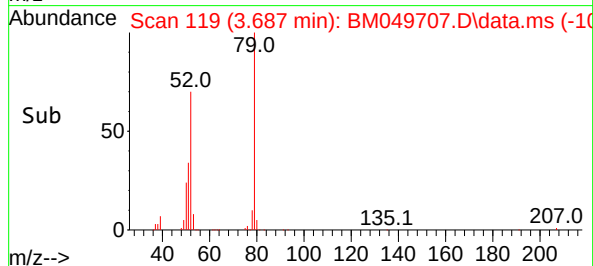
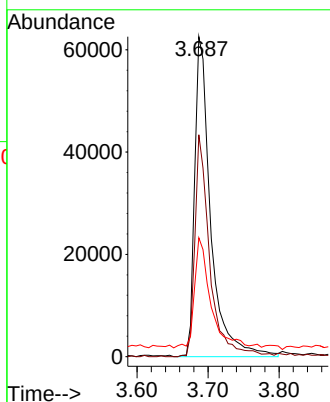
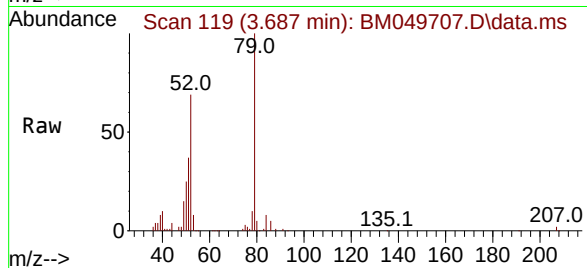
#3
Pyridine
Concen: 4.763 ng
RT: 3.687 min Scan# 119
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 98528
Ion Ratio Lower Upper
79 100
52 69.3 50.1 75.1
51 37.2 25.2 37.8

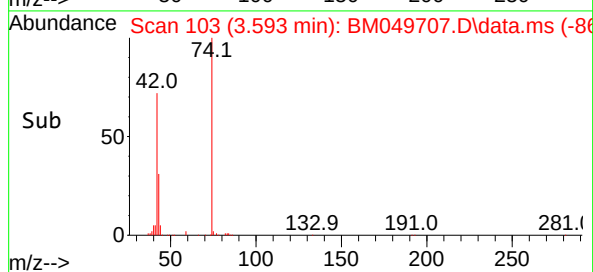
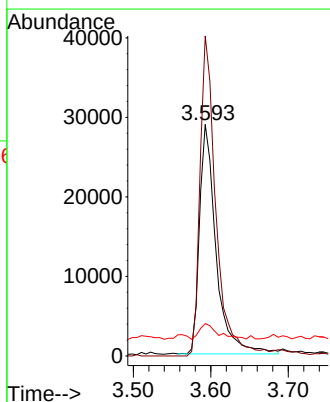
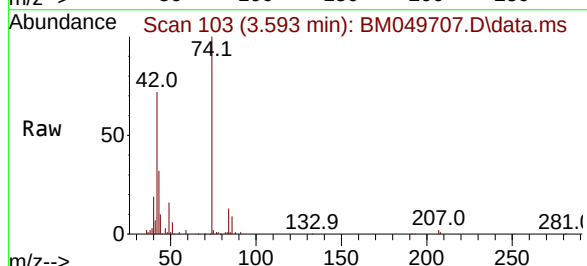
Manual Integrations
APPROVED

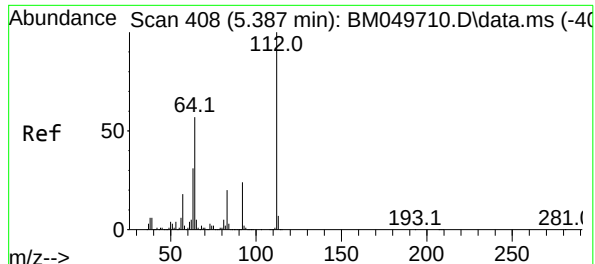
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#4
n-Nitrosodimethylamine
Concen: 4.705 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Tgt Ion: 42 Resp: 43004
Ion Ratio Lower Upper
42 100
74 138.2 112.6 168.8
44 14.0 5.0 7.6





#5

2-Fluorophenol

Concen: 8.661 ng

RT: 5.387 min Scan# 408

Delta R.T. -0.000 min

Lab File: BM049707.D

Acq: 13 Mar 2025 09:42

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:112 Resp: 16184

Ion Ratio Lower Upper

112 100

64 57.7 45.3 67.9

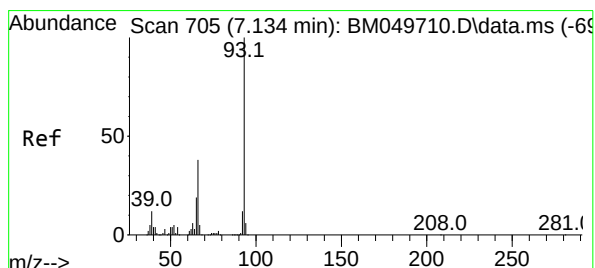
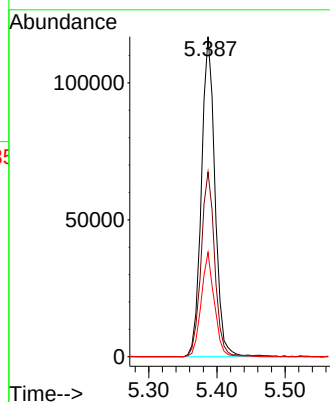
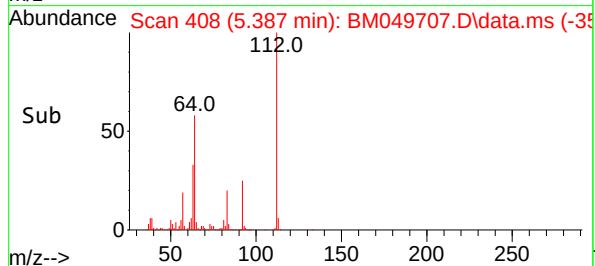
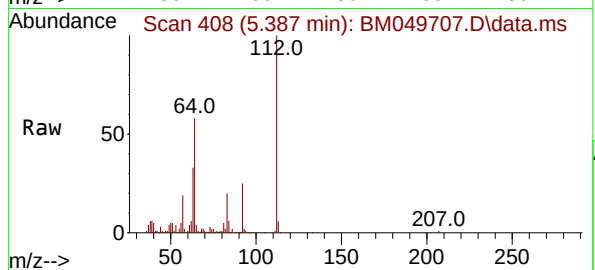
63 32.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#6

Aniline

Concen: 4.891 ng

RT: 7.128 min Scan# 704

Delta R.T. -0.006 min

Lab File: BM049707.D

Acq: 13 Mar 2025 09:42

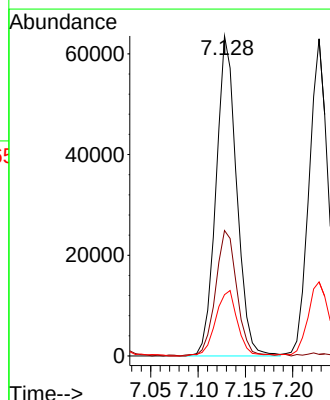
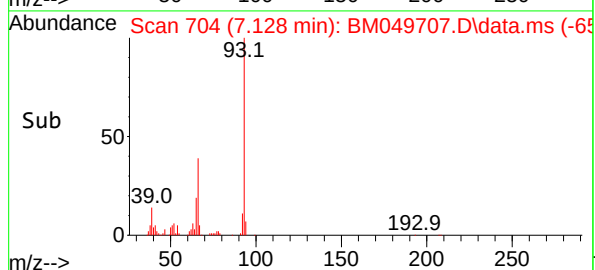
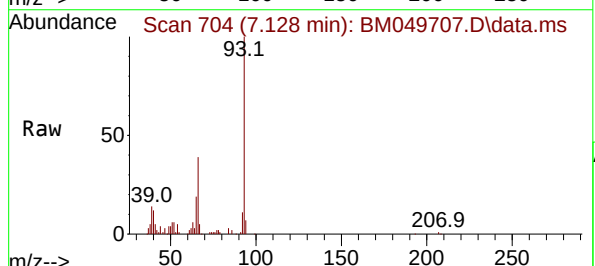
Tgt Ion: 93 Resp: 96090

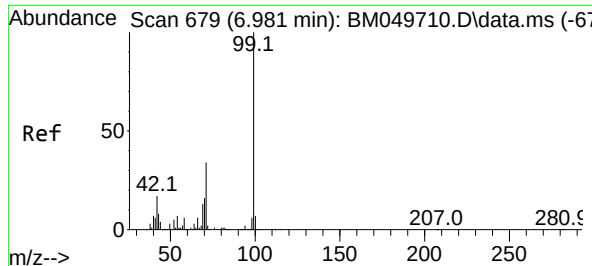
Ion Ratio Lower Upper

93 100

66 39.2 30.6 46.0

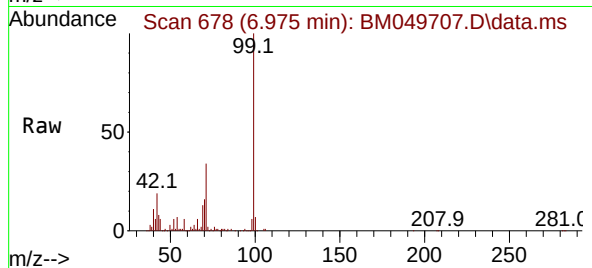
65 19.2 15.4 23.2





#7
Phenol-d6
Concen: 8.909 ng
RT: 6.975 min Scan# 679
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

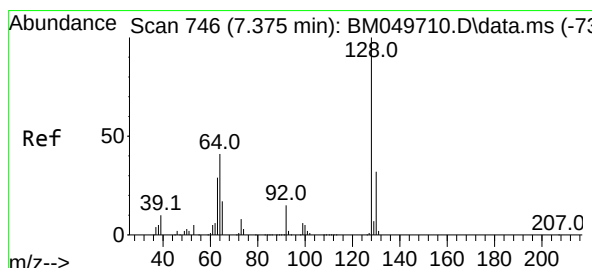
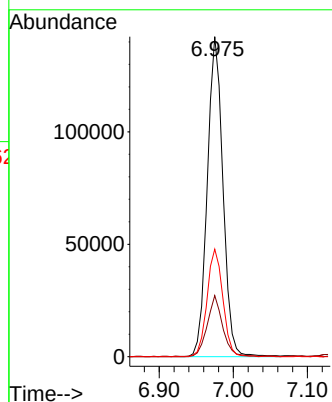
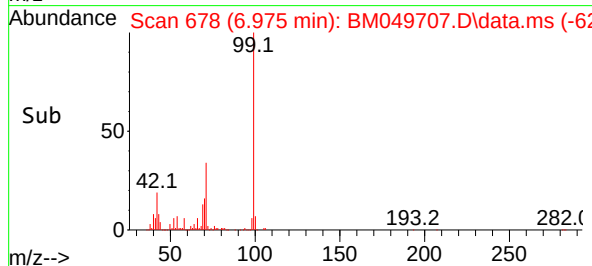
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 99 Resp: 20892
Ion Ratio Lower Upper
99 100
42 19.1 13.6 20.4
71 33.6 27.0 40.6

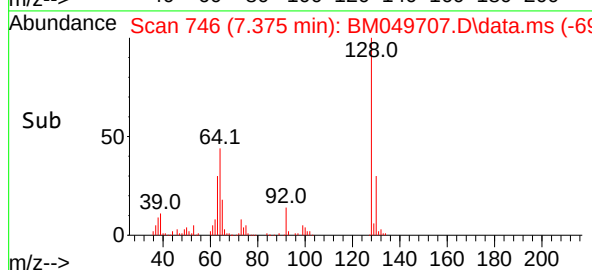
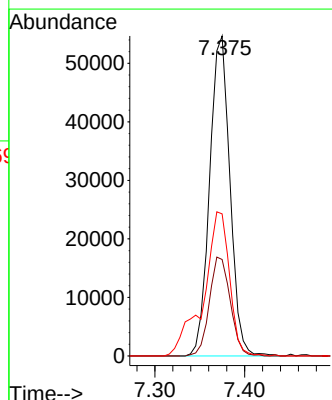
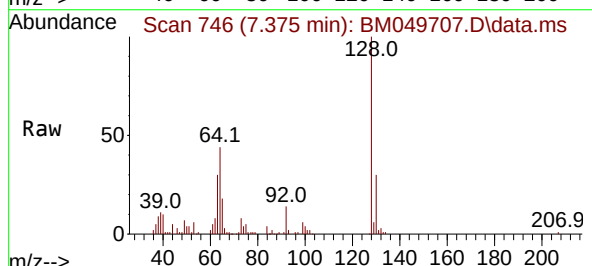
Manual Integrations
APPROVED

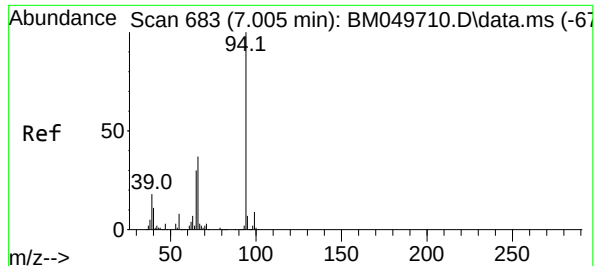
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#8
2-Chlorophenol
Concen: 4.649 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

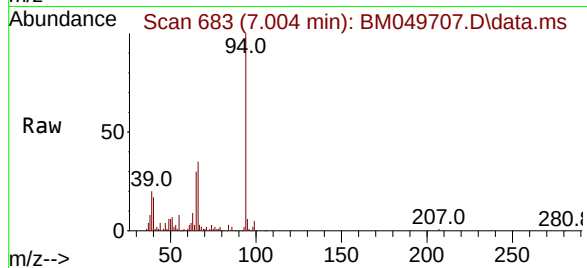
Tgt Ion:128 Resp: 86029
Ion Ratio Lower Upper
128 100
130 30.2 12.5 52.5
64 44.4 24.9 64.9





#10
Phenol
Concen: 4.700 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

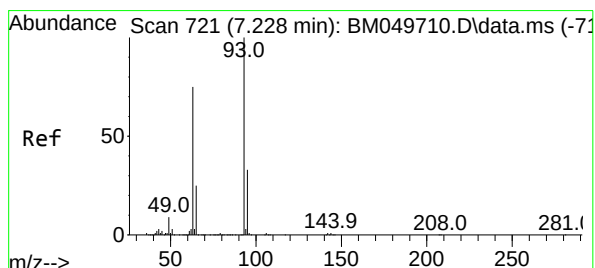
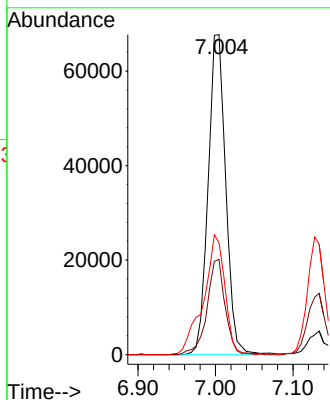
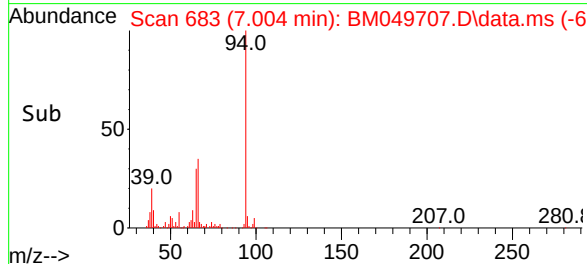
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



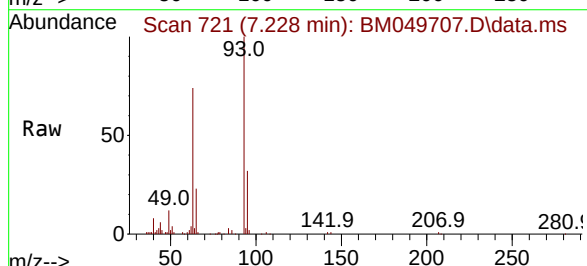
Tgt Ion: 94 Resp: 106862
Ion Ratio Lower Upper
94 100
65 29.8 10.4 50.4
66 34.9 17.1 57.1

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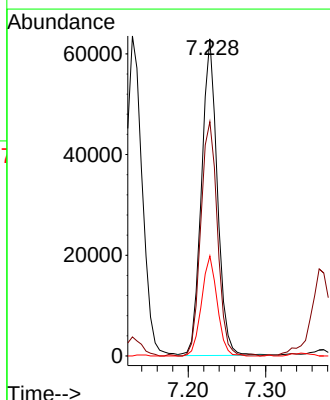
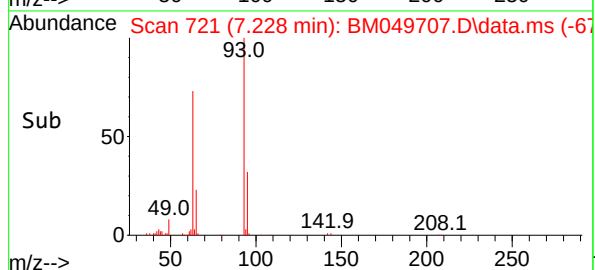
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

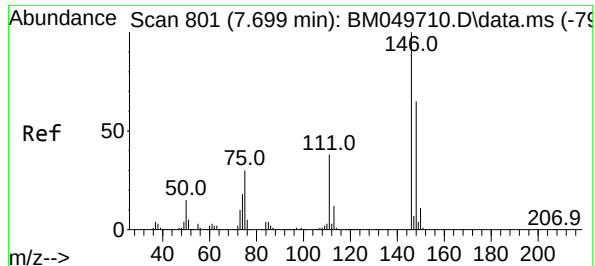


#11
bis(2-Chloroethyl)ether
Concen: 4.847 ng
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



Tgt Ion: 93 Resp: 89246
Ion Ratio Lower Upper
93 100
63 73.9 54.8 94.8
95 31.6 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 4.823 ng

RT: 7.693 min Scan# 801

Delta R.T. -0.006 min

Lab File: BM049707.D

Acq: 13 Mar 2025 09:42

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 10846

Ion Ratio Lower Upper

146 100

148 63.1 52.3 78.5

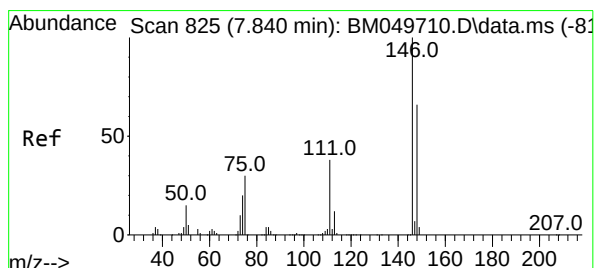
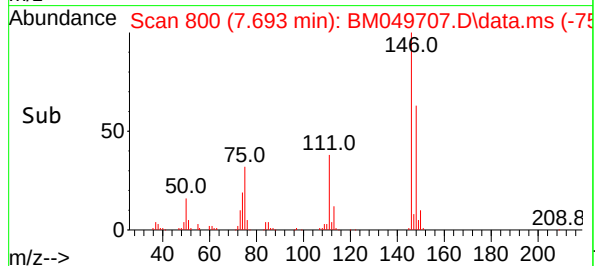
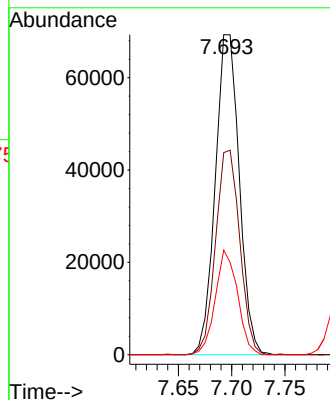
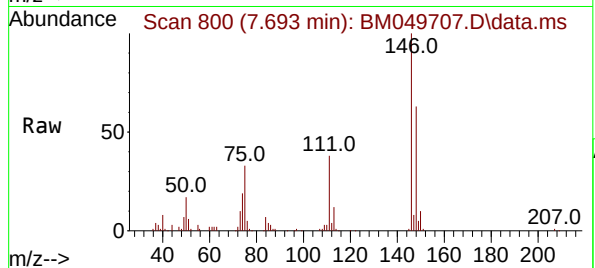
75 32.7 24.2 36.2

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#13

1,4-Dichlorobenzene

Concen: 4.808 ng

RT: 7.840 min Scan# 825

Delta R.T. -0.000 min

Lab File: BM049707.D

Acq: 13 Mar 2025 09:42

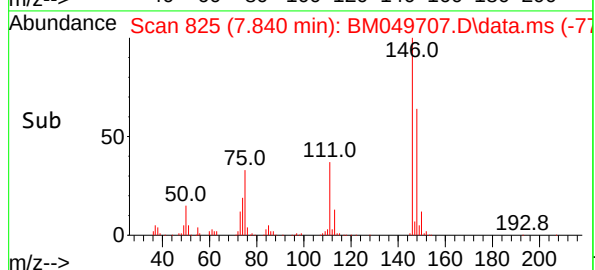
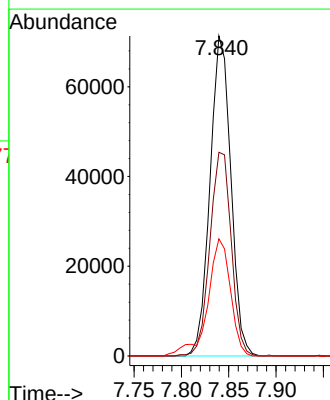
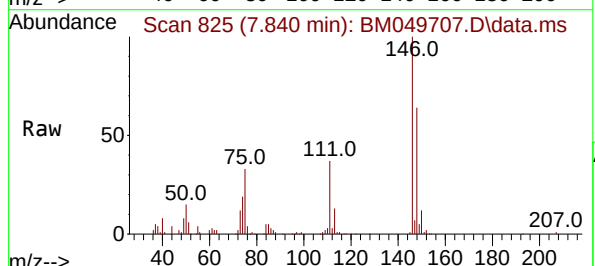
Tgt Ion:146 Resp: 109071

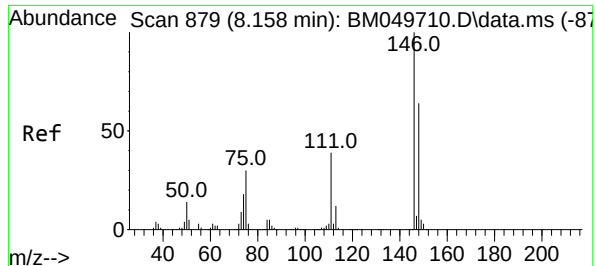
Ion Ratio Lower Upper

146 100

148 63.6 52.6 79.0

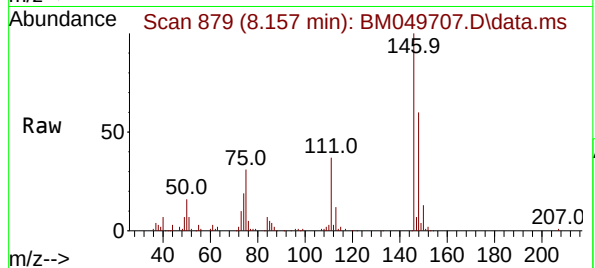
111 36.6 30.8 46.2





#14
1,2-Dichlorobenzene
Concen: 4.778 ng
RT: 8.157 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

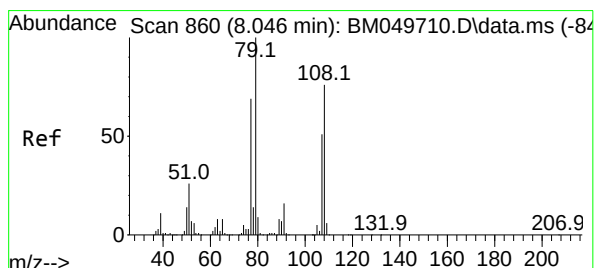
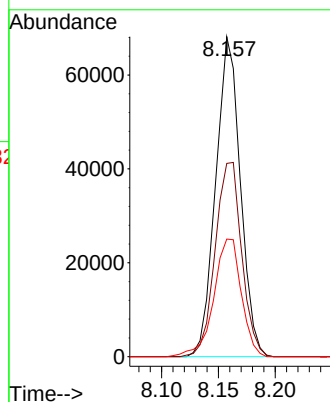
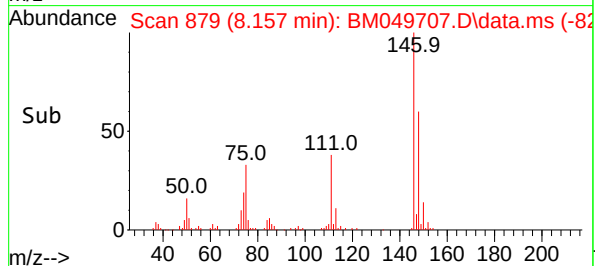
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:146 Resp: 10302
Ion Ratio Lower Upper
146 100
148 60.4 50.9 76.3
111 36.7 31.0 46.6

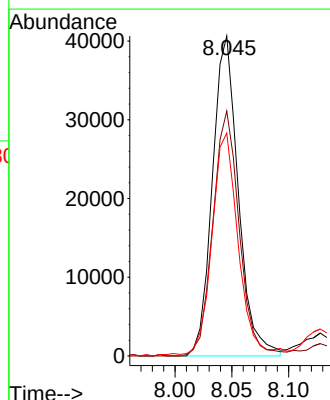
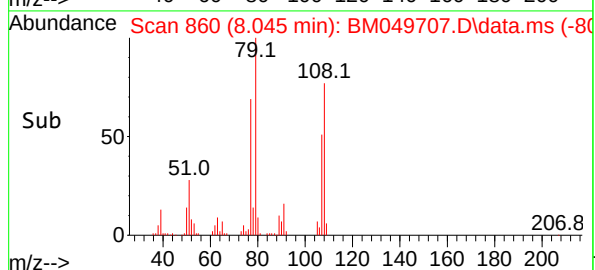
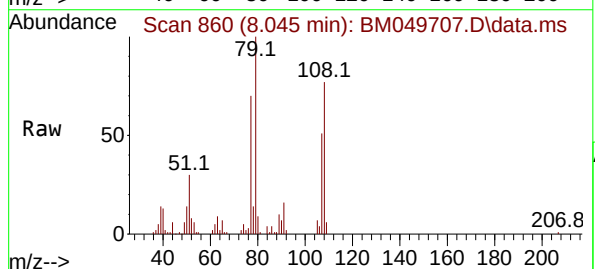
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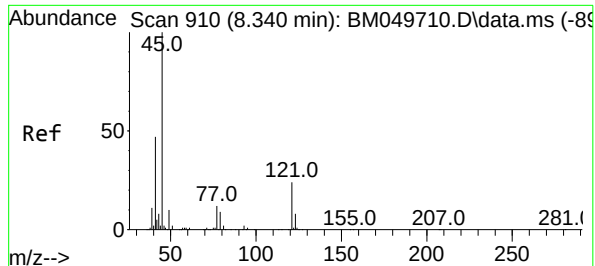
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#15
Benzyl Alcohol
Concen: 4.382 ng
RT: 8.045 min Scan# 860
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Tgt Ion: 79 Resp: 64489
Ion Ratio Lower Upper
79 100
108 76.5 60.7 91.1
77 69.7 55.4 83.2





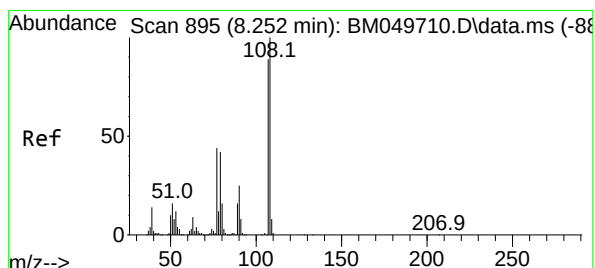
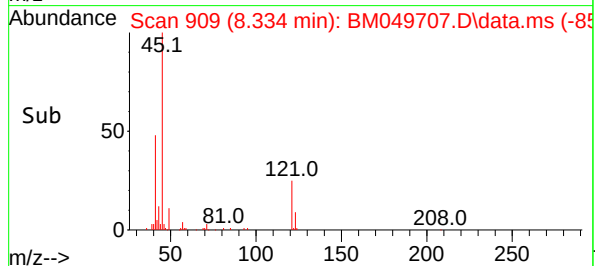
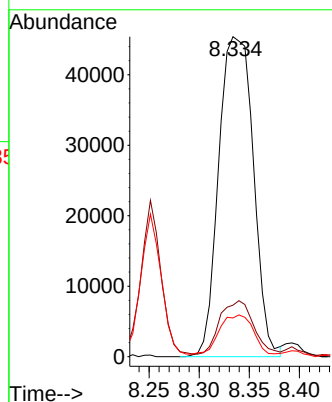
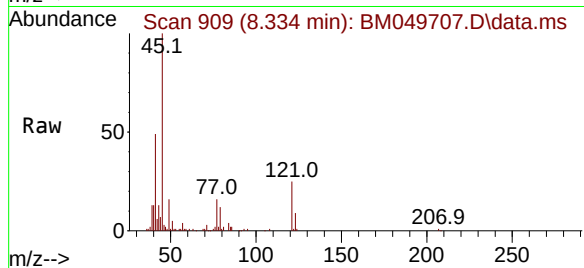
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.050 ng
RT: 8.334 min Scan# 909
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 10928
Ion Ratio Lower Upper
45 100
77 16.1 0.0 36.1
79 12.1 0.0 32.8

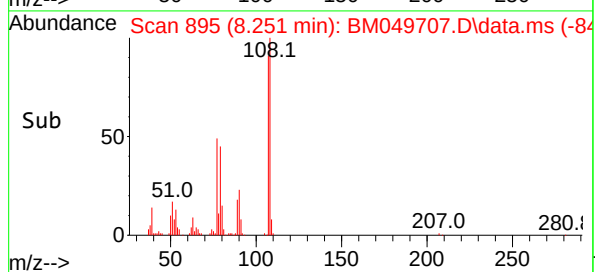
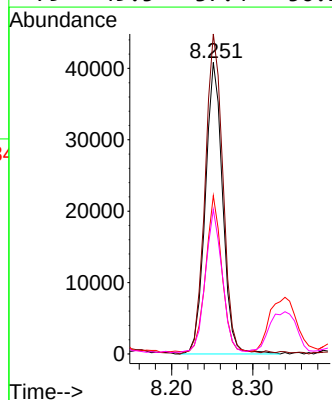
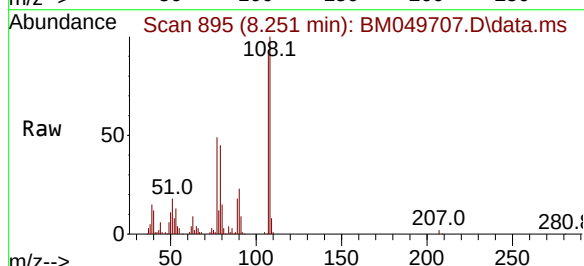
Manual Integrations
APPROVED

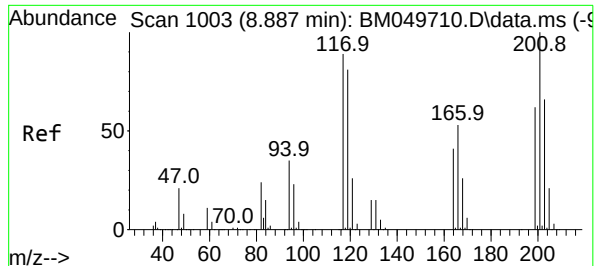
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#17
2-Methylphenol
Concen: 4.491 ng
RT: 8.251 min Scan# 895
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Tgt Ion:107 Resp: 60631
Ion Ratio Lower Upper
107 100
108 109.8 89.6 134.4
77 54.3 39.8 59.6
79 49.5 37.4 56.2





#18

Hexachloroethane

Concen: 4.731 ng

RT: 8.892 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BM049707.D

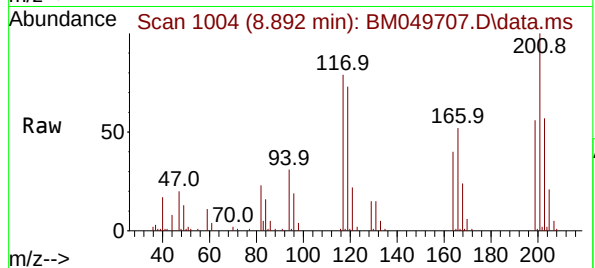
Acq: 13 Mar 2025 09:42

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:117 Resp: 37900

Ion Ratio Lower Upper

117 100

119 91.8 73.1 109.7

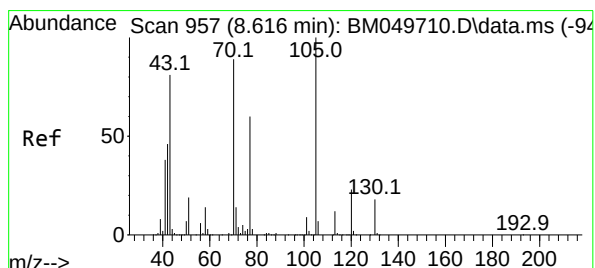
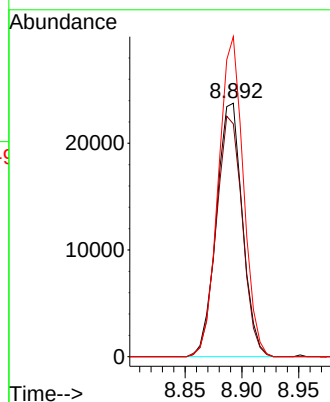
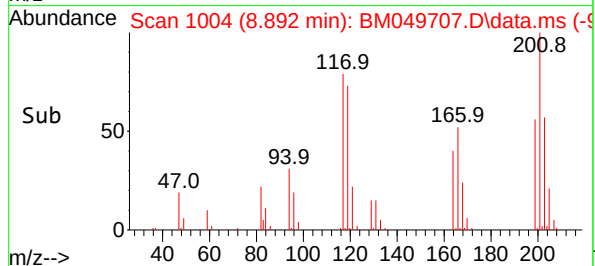
201 126.3 90.0 135.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#19

n-Nitroso-di-n-propylamine

Concen: 4.754 ng

RT: 8.610 min Scan# 956

Delta R.T. -0.006 min

Lab File: BM049707.D

Acq: 13 Mar 2025 09:42

Tgt Ion: 70 Resp: 64645

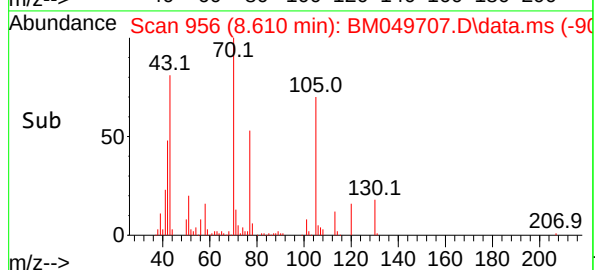
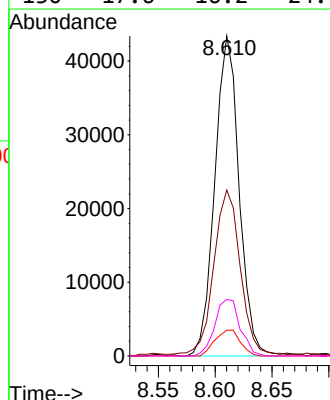
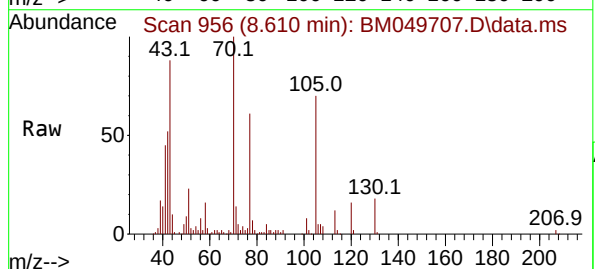
Ion Ratio Lower Upper

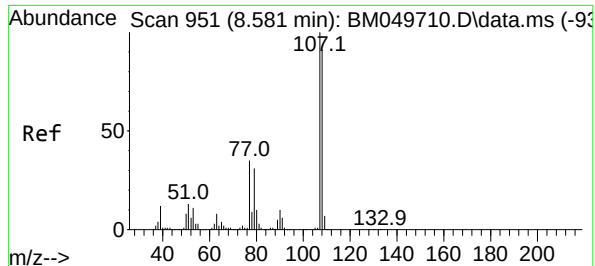
70 100

42 51.9 41.8 62.6

101 8.1 7.7 11.5

130 17.6 16.2 24.4





#20
3+4-Methylphenols
Concen: 4.453 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Instrument :

BNA_M

ClientSampleId :

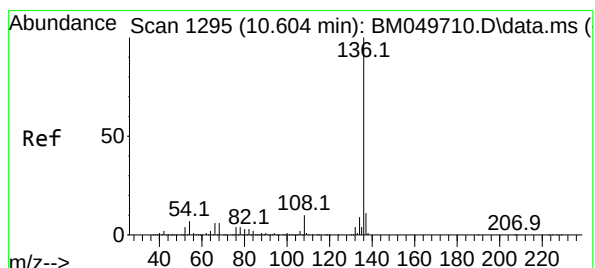
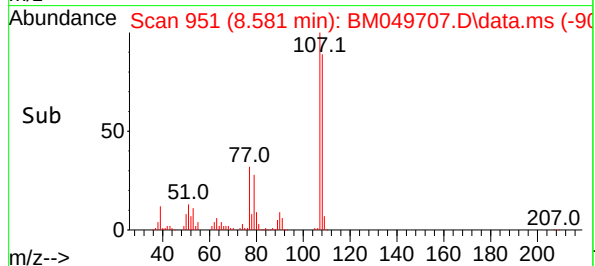
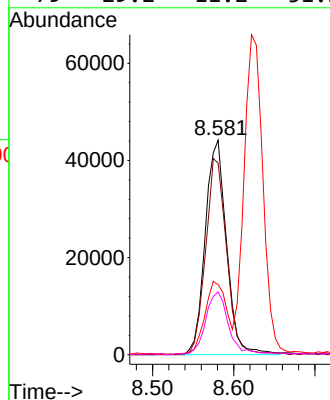
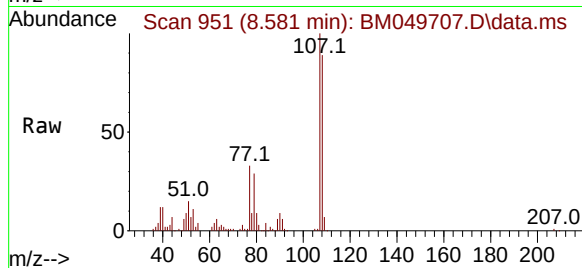
SSTDICC005

Tgt Ion:107 Resp: 80550
Ion Ratio Lower Upper
107 100
108 89.3 71.0 111.0
77 32.7 15.1 55.1
79 29.2 11.2 51.2

Manual Integrations

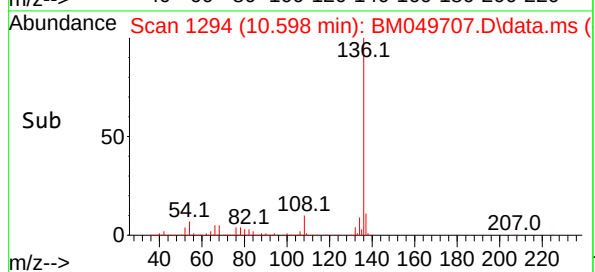
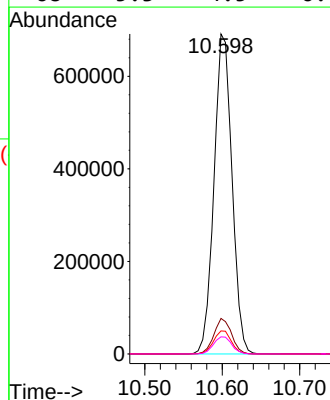
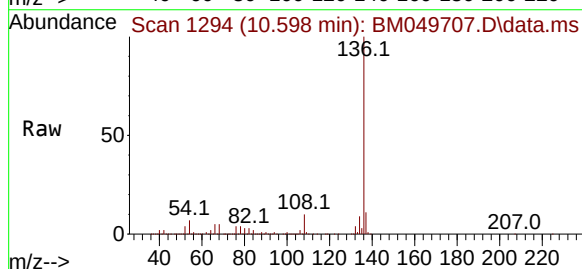
APPROVED

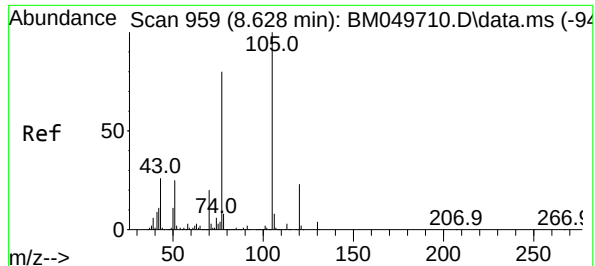
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

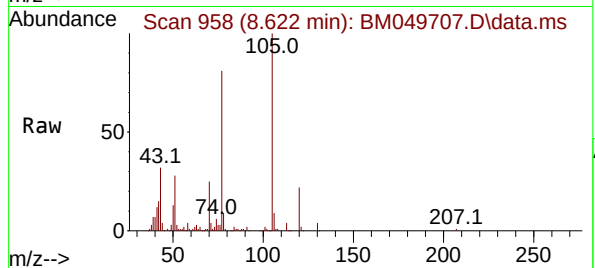
Tgt Ion:136 Resp: 1116930
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.2 5.8 8.8
68 5.3 4.5 6.7





#22
Acetophenone
Concen: 4.652 ng
RT: 8.622 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

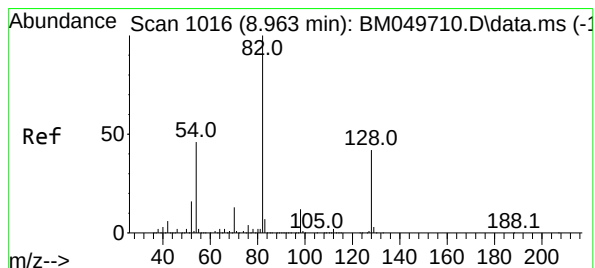
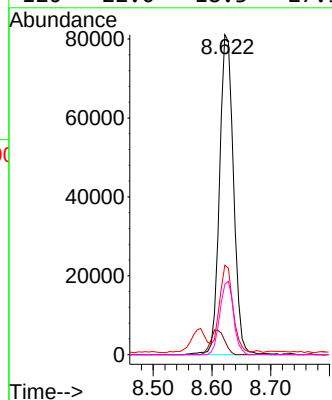
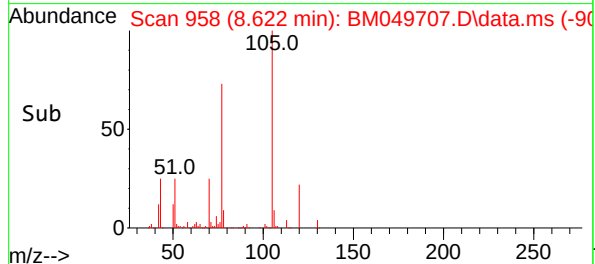
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



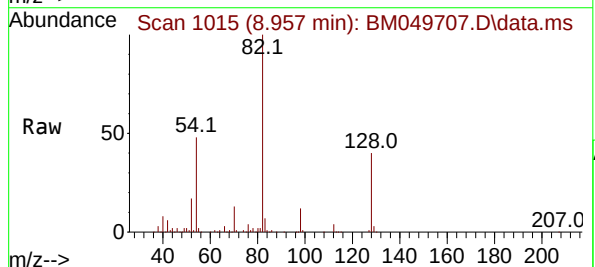
Tgt Ion: 105 Resp: 13396
Ion Ratio Lower Upper
105 100
71 4.3 2.5 3.7
51 28.0 19.9 29.9
120 22.0 18.3 27.5

Manual Integrations
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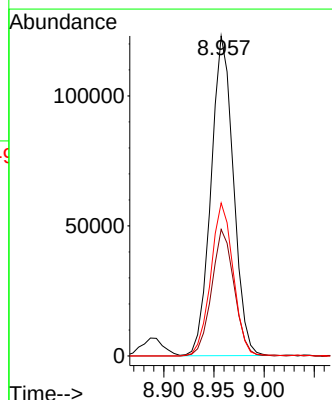
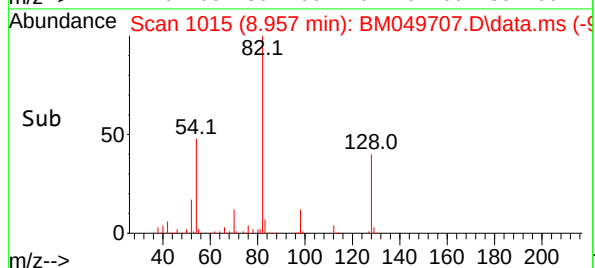
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

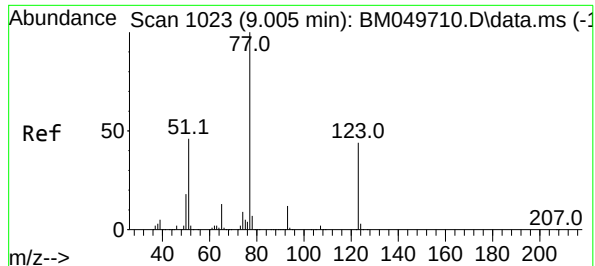


#23
Nitrobenzene-d5
Concen: 8.802 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



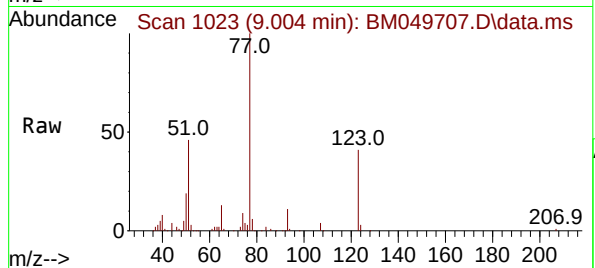
Tgt Ion: 82 Resp: 191476
Ion Ratio Lower Upper
82 100
128 39.5 33.4 50.0
54 47.8 36.4 54.6





#24
Nitrobenzene
Concen: 4.628 ng
RT: 9.004 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

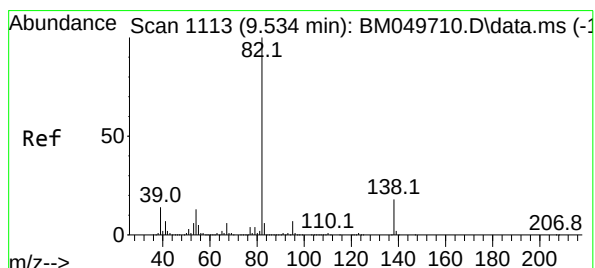
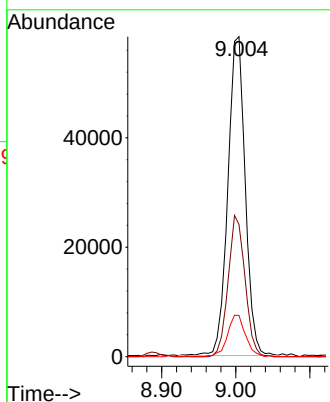
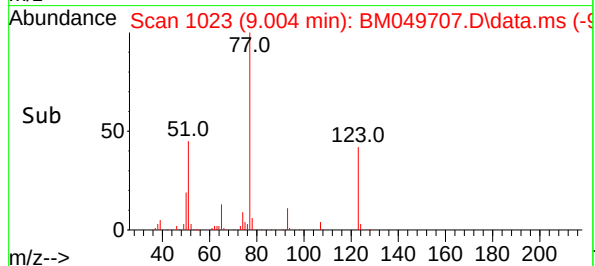
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



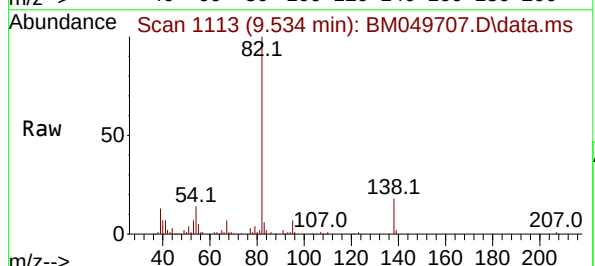
Tgt Ion: 77 Resp: 94934
Ion Ratio Lower Upper
77 100
123 41.3 34.9 52.3
65 12.9 10.6 15.8

Manual Integrations
APPROVED

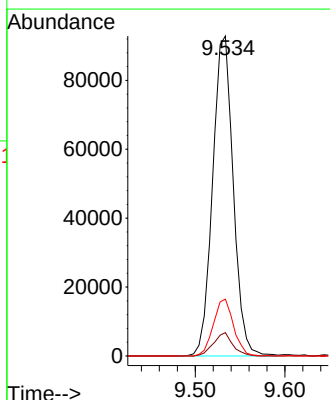
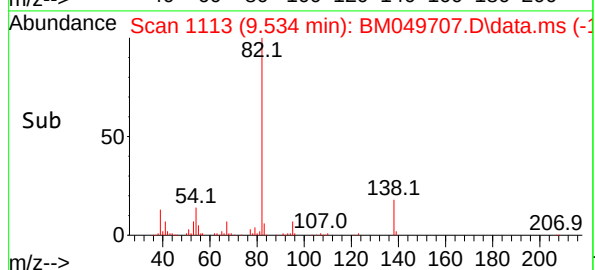
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

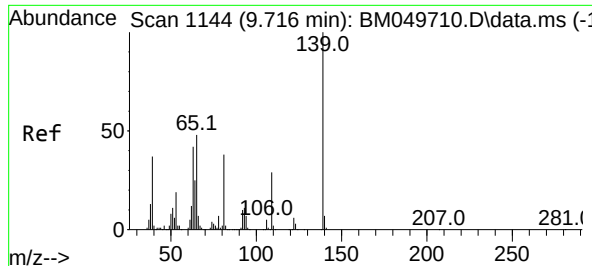


#25
Isophorone
Concen: 4.436 ng
RT: 9.534 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



Tgt Ion: 82 Resp: 148174
Ion Ratio Lower Upper
82 100
95 7.3 5.3 7.9
138 17.8 14.4 21.6





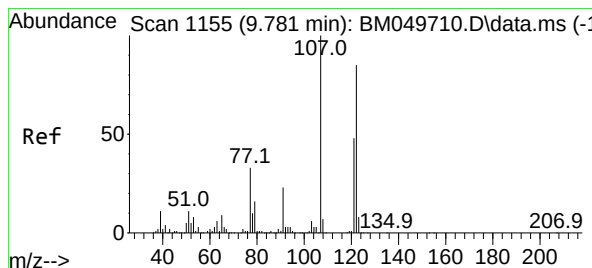
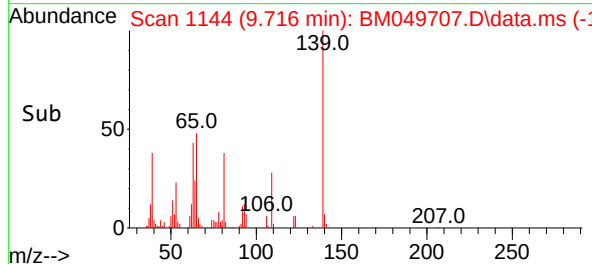
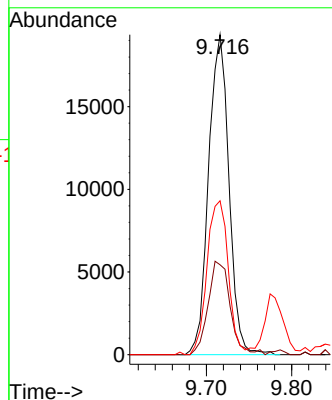
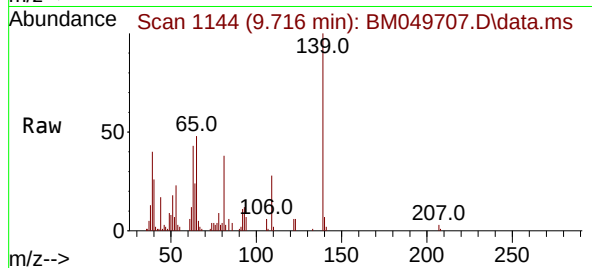
#26
2-Nitrophenol
Concen: 3.684 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:139 Resp: 3216
Ion Ratio Lower Upper
139 100
109 28.1 23.3 34.9
65 48.1 38.6 58.0

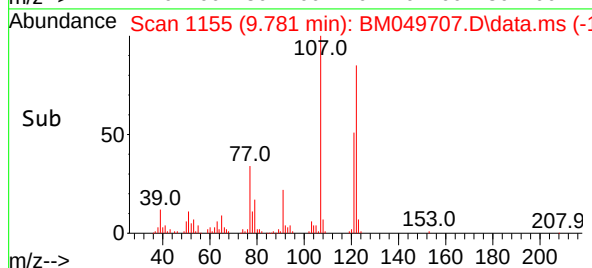
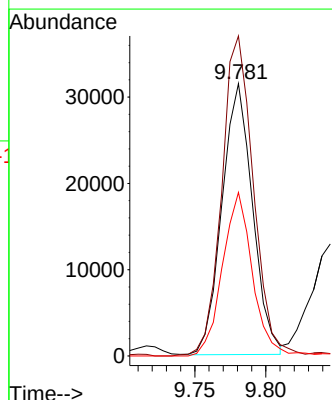
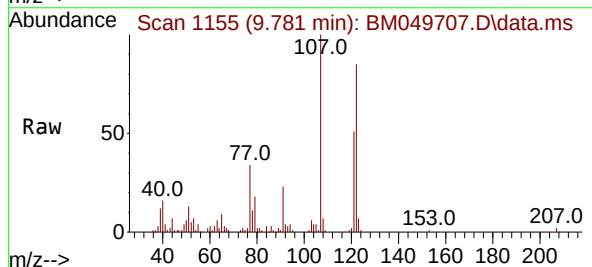
Manual Integrations
APPROVED

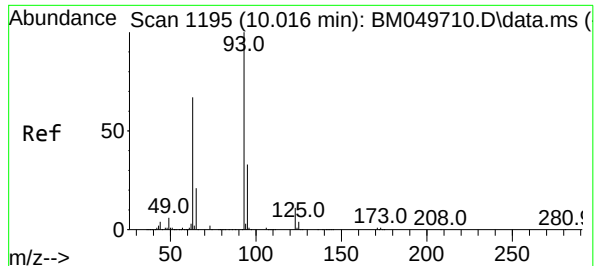
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#27
2,4-Dimethylphenol
Concen: 4.237 ng
RT: 9.781 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

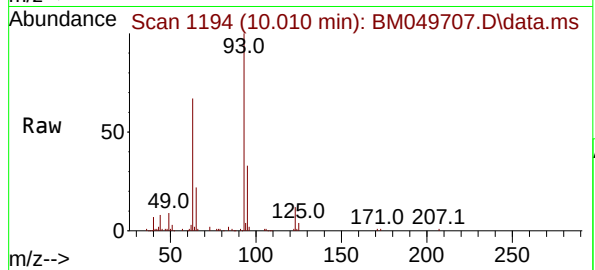
Tgt Ion:122 Resp: 47084
Ion Ratio Lower Upper
122 100
107 117.5 94.3 141.5
121 60.0 45.4 68.2





#28
bis(2-Chloroethoxy)methane
Concen: 4.737 ng
RT: 10.010 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

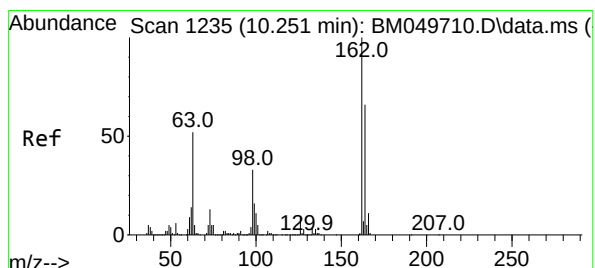
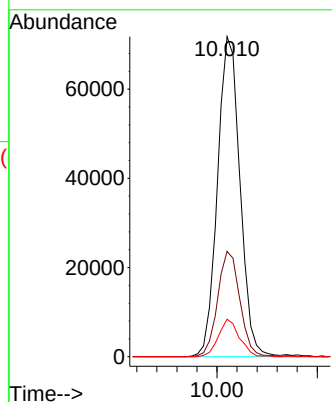
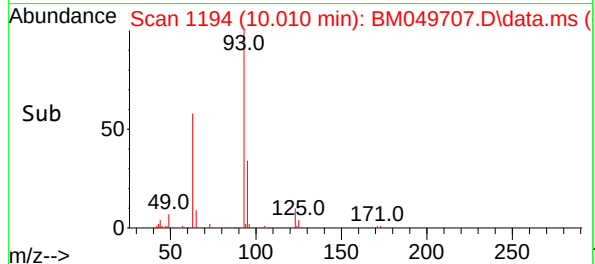
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 93 Resp: 111440
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 11.7 9.0 13.6

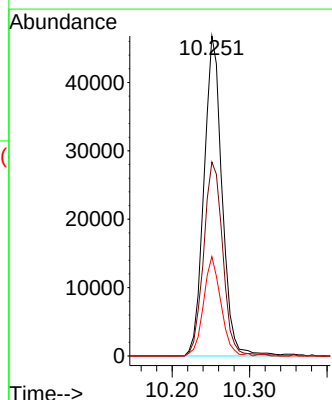
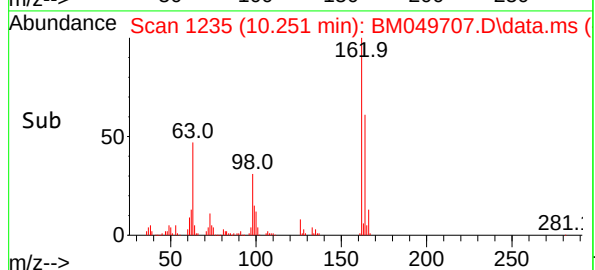
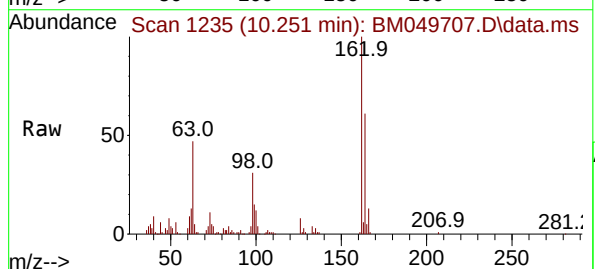
Manual Integrations
APPROVED

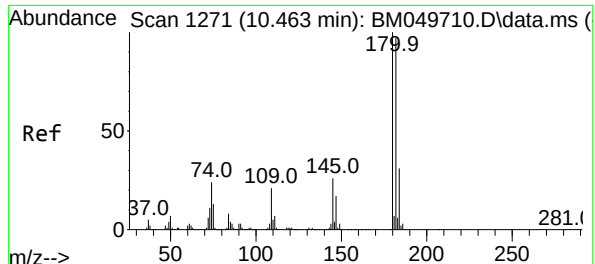
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#29
2,4-Dichlorophenol
Concen: 4.189 ng
RT: 10.251 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

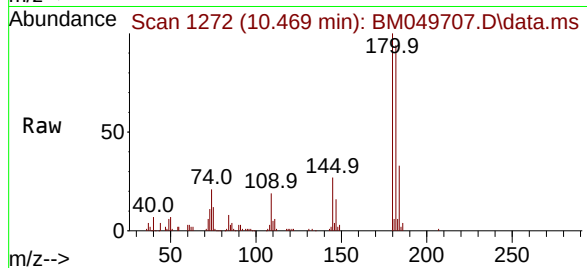
Tgt Ion:162 Resp: 75855
Ion Ratio Lower Upper
162 100
164 60.6 46.3 86.3
98 31.1 12.8 52.8





#30
1,2,4-Trichlorobenzene
Concen: 4.640 ng
RT: 10.469 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

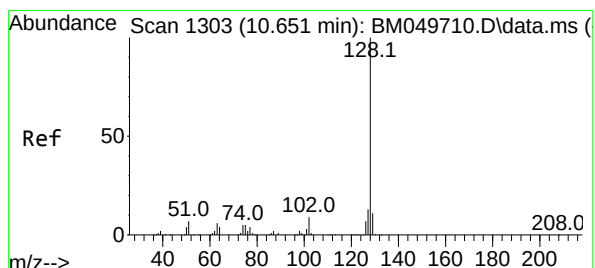
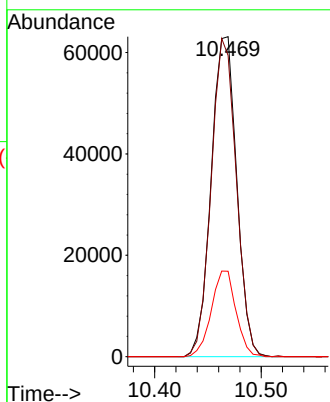
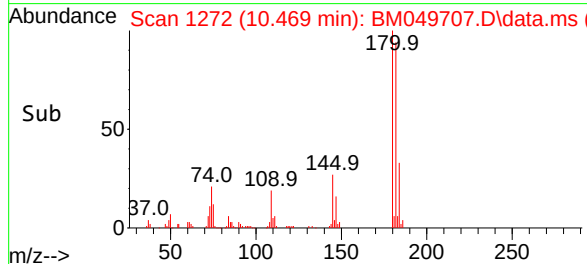
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



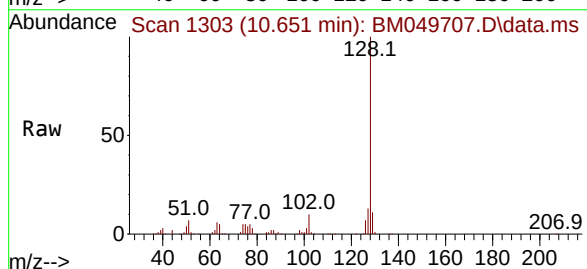
Tgt Ion:180 Resp: 10512
Ion Ratio Lower Upper
180 100
182 94.1 77.7 116.5
145 26.7 21.0 31.4

Manual Integrations
APPROVED

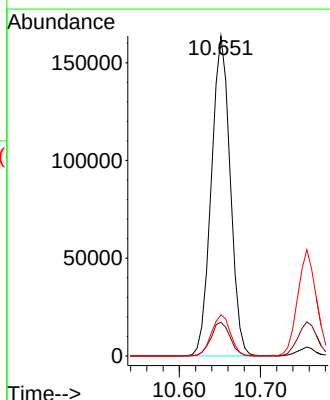
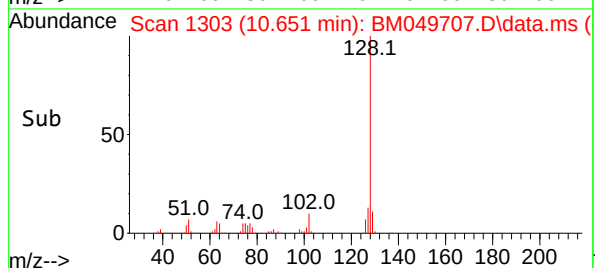
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

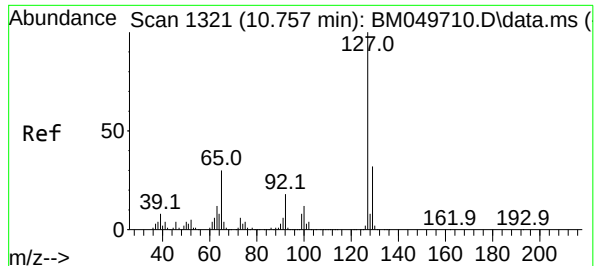


#31
Naphthalene
Concen: 4.604 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



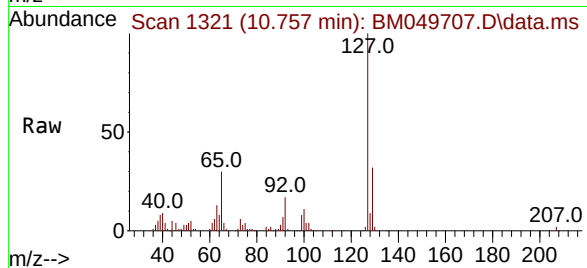
Tgt Ion:128 Resp: 264426
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 10.4 15.6





#33
4-Chloroaniline
Concen: 4.485 ng
RT: 10.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

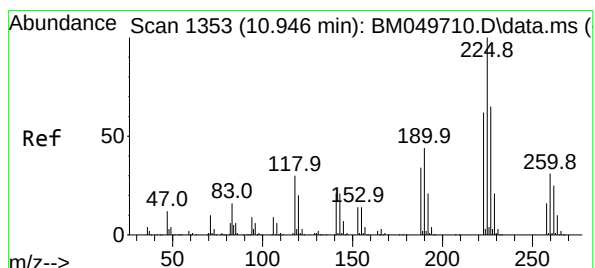
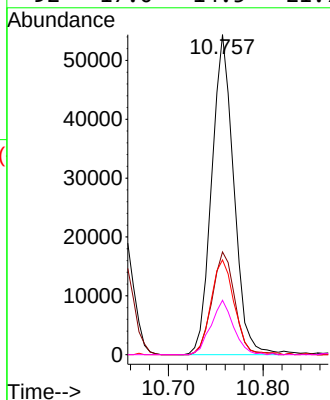
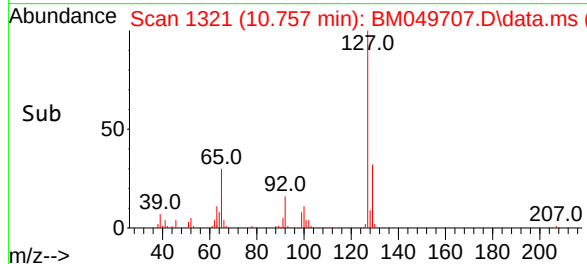
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



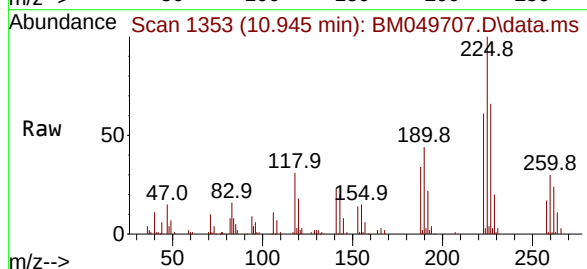
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	29.6	24.1	36.1
92	17.0	14.5	21.7

Manual Integrations
APPROVED

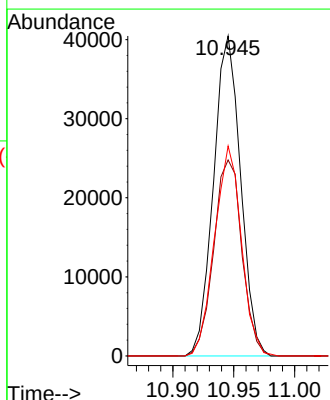
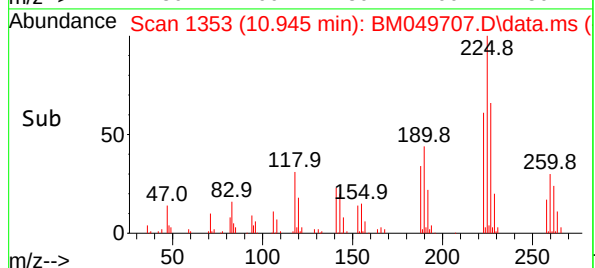
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

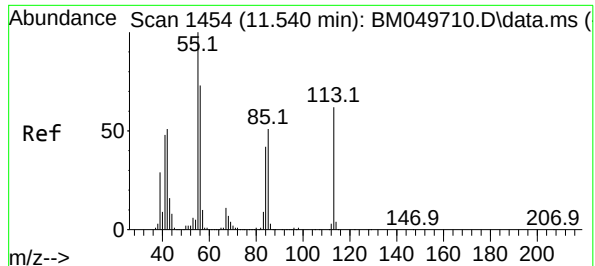


#34
Hexachlorobutadiene
Concen: 4.476 ng
RT: 10.945 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



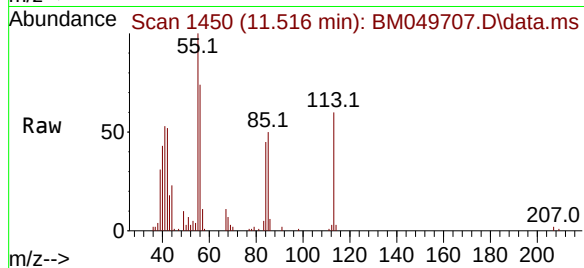
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.8	74.8
227	65.6	52.1	78.1





#35
Caprolactam
Concen: 3.867 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.024 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

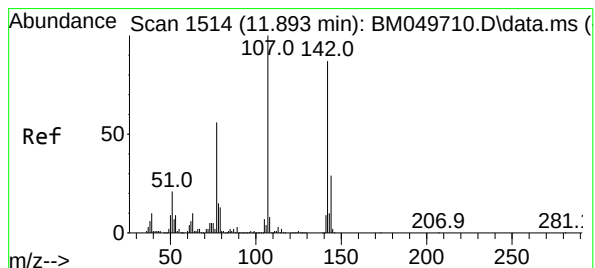
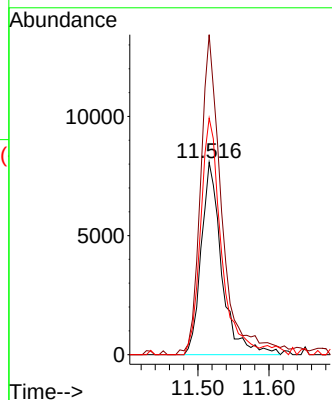
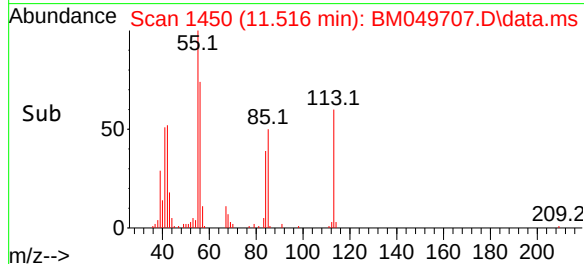
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



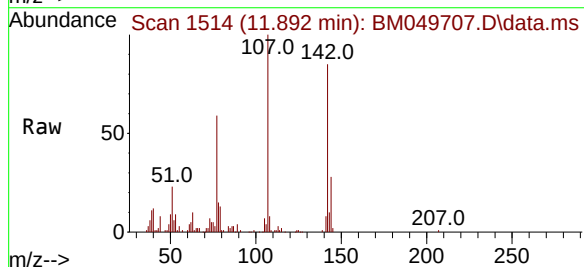
Tgt Ion:113 Resp: 1625
Ion Ratio Lower Upper
113 100
55 166.4 141.8 181.8
56 123.0 98.0 138.0

Manual Integrations
APPROVED

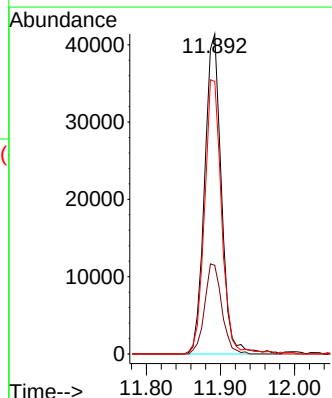
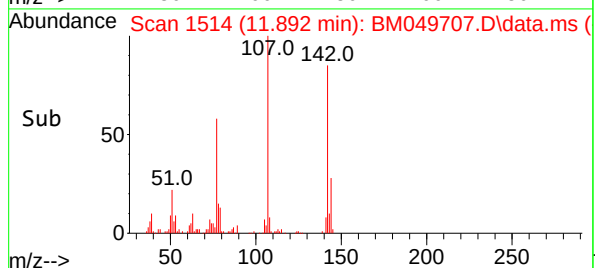
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

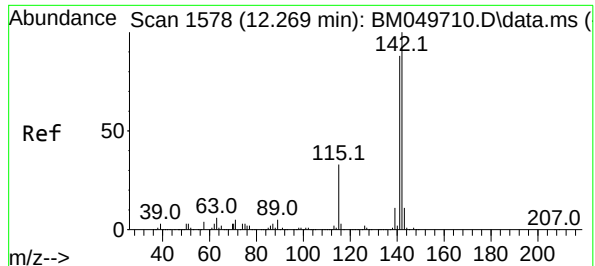


#36
4-Chloro-3-methylphenol
Concen: 4.181 ng
RT: 11.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



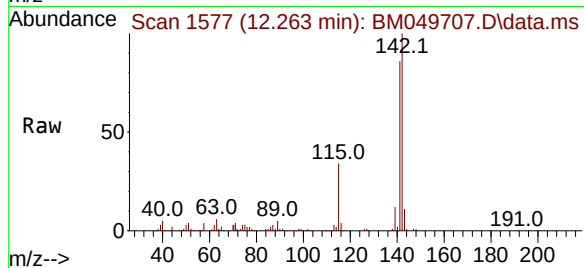
Tgt Ion:107 Resp: 64969
Ion Ratio Lower Upper
107 100
144 27.7 23.0 34.6
142 85.2 69.8 104.8





#37
2-Methylnaphthalene
Concen: 4.612 ng
RT: 12.263 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

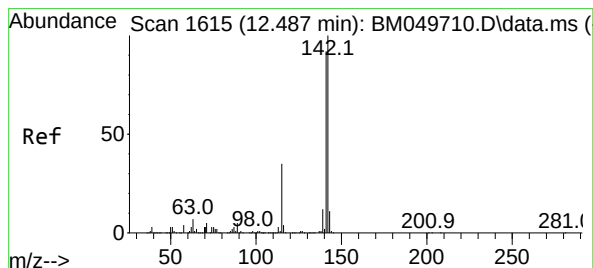
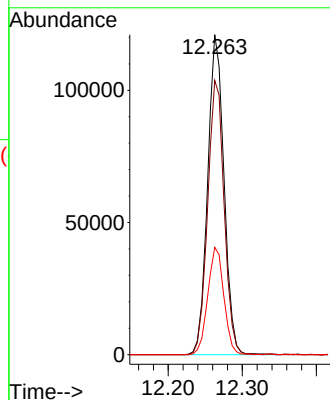
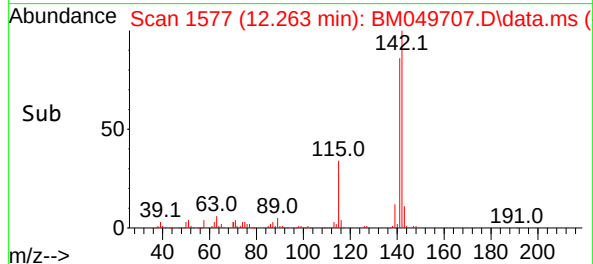
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:142 Resp: 18523
Ion Ratio Lower Upper
142 100
141 85.7 70.5 105.7
115 33.5 26.5 39.7

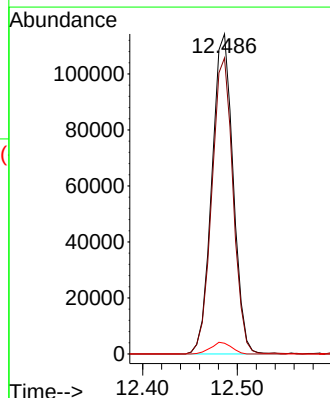
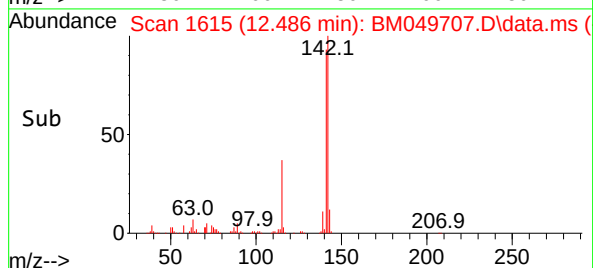
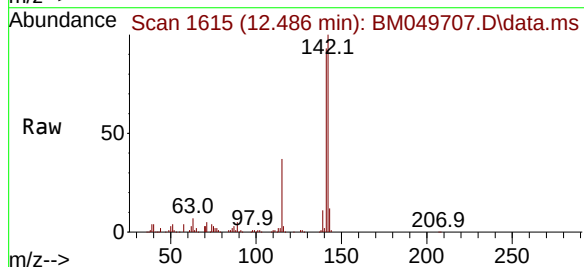
Manual Integrations
APPROVED

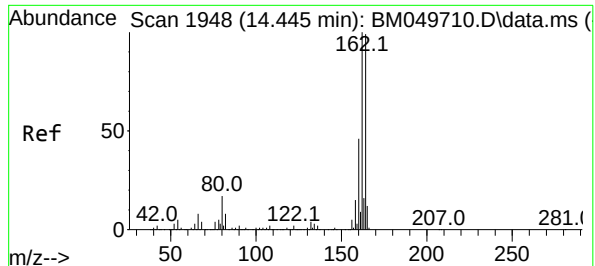
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#38
1-Methylnaphthalene
Concen: 4.608 ng
RT: 12.486 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

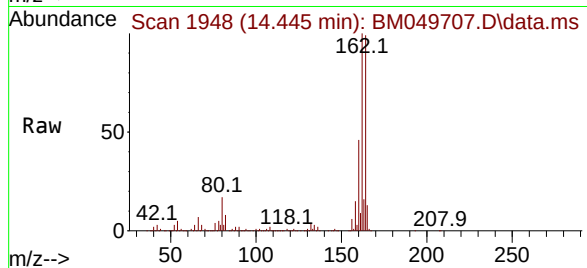
Tgt Ion:142 Resp: 178536
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.2
116 3.3 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

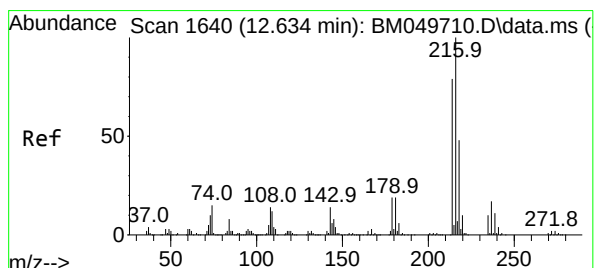
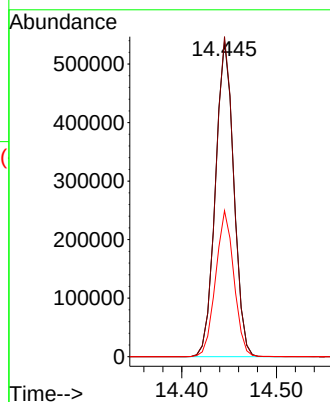
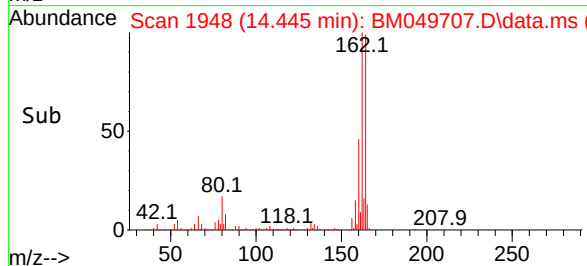
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:164 Resp: 72828
Ion Ratio Lower Upper
164 100
162 101.3 80.5 120.7
160 46.2 36.9 55.3

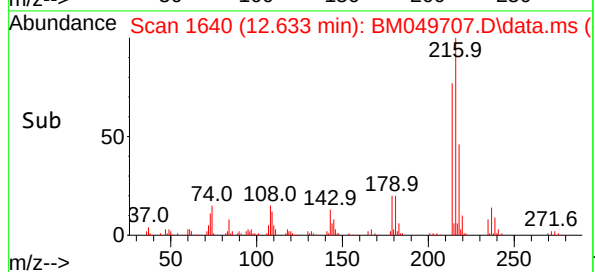
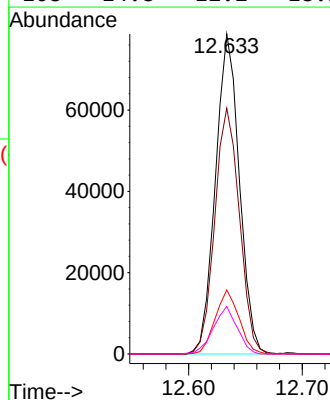
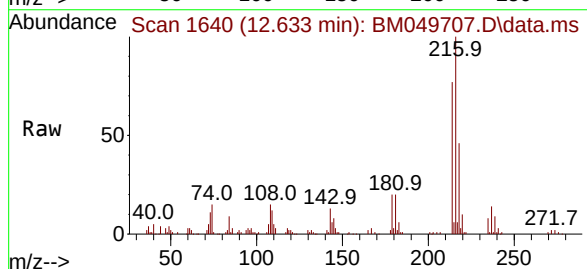
Manual Integrations
APPROVED

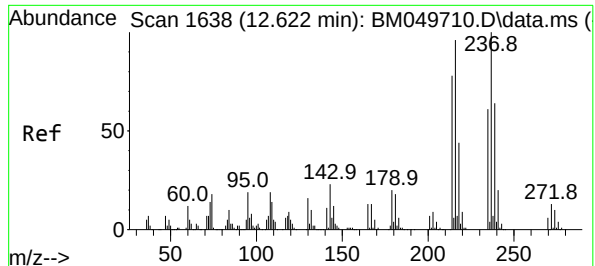
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.306 ng
RT: 12.633 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

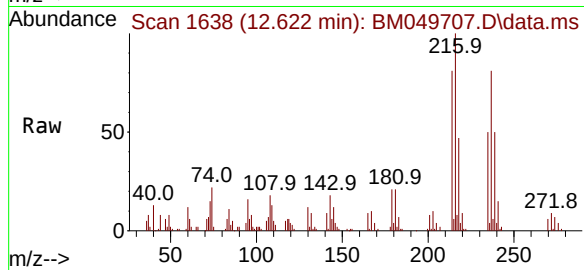
Tgt Ion:216 Resp: 115183
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 19.9 15.7 23.5
108 14.8 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 4.103 ng
RT: 12.622 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

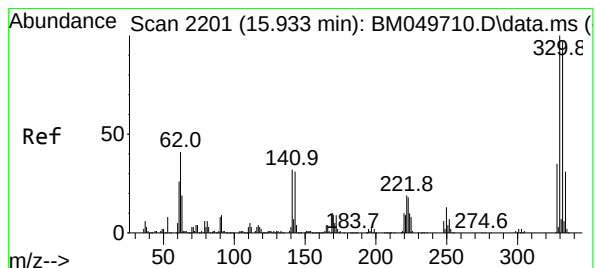
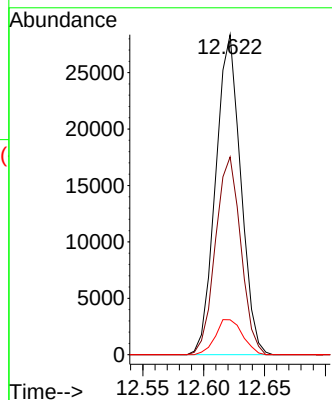
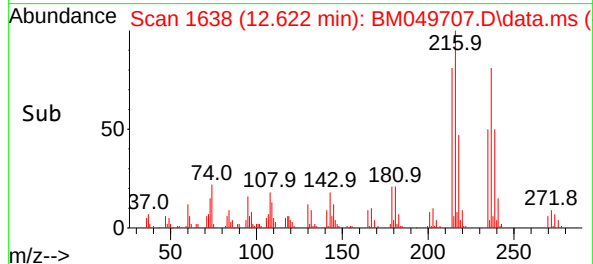
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



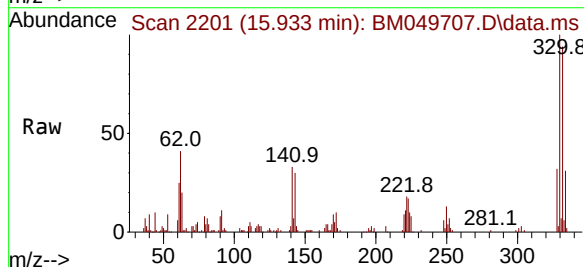
Tgt Ion: 237 Resp: 4066
Ion Ratio Lower Upper
237 100
235 61.8 41.1 81.1
272 10.9 0.0 32.5

Manual Integrations
APPROVED

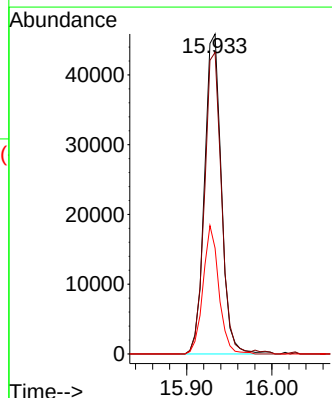
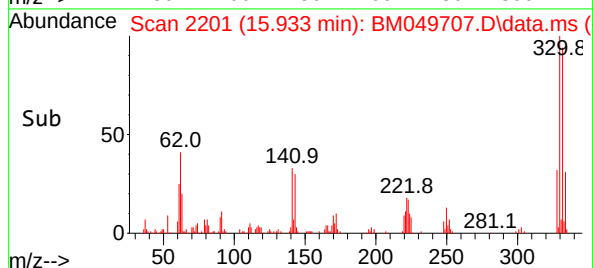
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

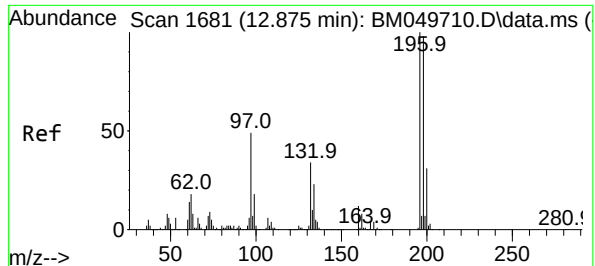


#42
2,4,6-Tribromophenol
Concen: 7.408 ng
RT: 15.933 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



Tgt Ion: 330 Resp: 63003
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.4
141 37.6 27.8 41.6





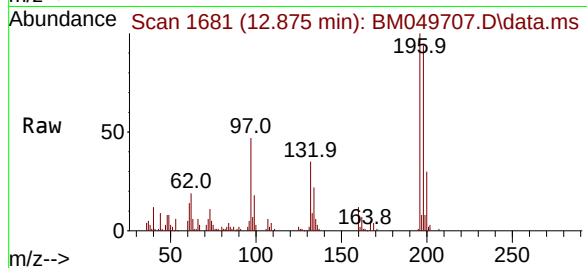
#43
2,4,6-Trichlorophenol
Concen: 3.828 ng
RT: 12.875 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

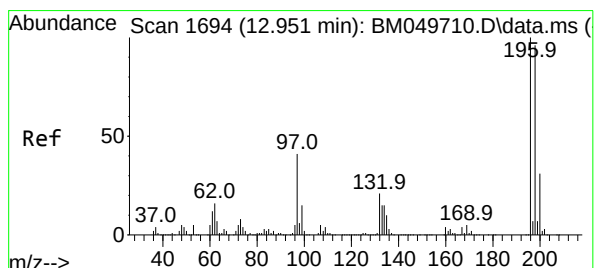
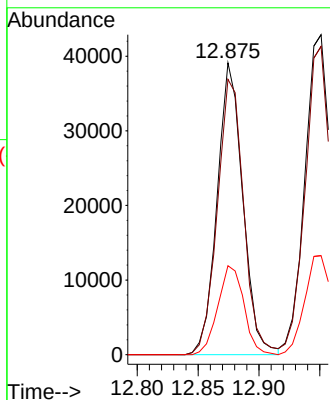
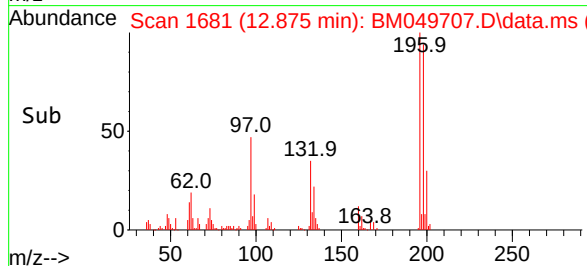


Tgt Ion:196 Resp: 57349
Ion Ratio Lower Upper
196 100
198 94.4 78.3 117.5
200 30.5 25.1 37.7

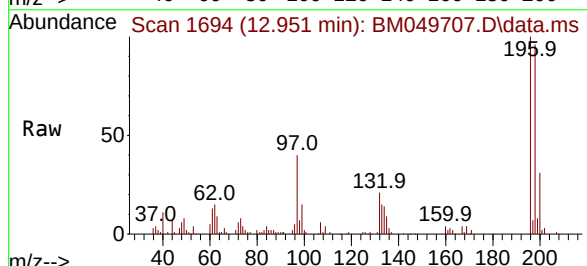
Manual Integrations

APPROVED

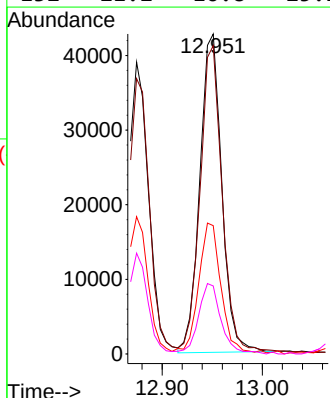
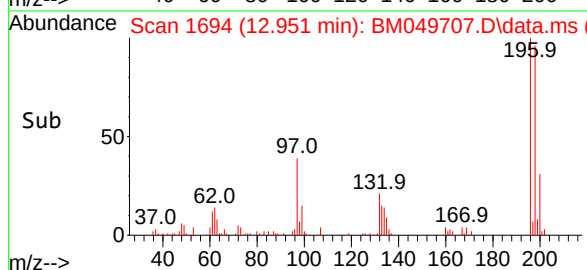
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

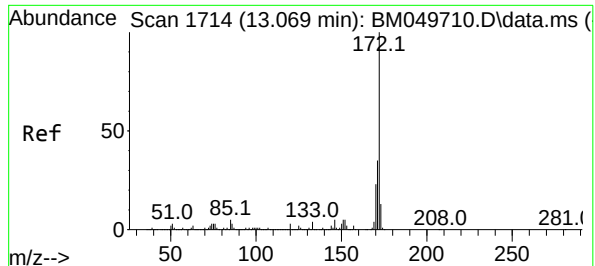


#44
2,4,5-Trichlorophenol
Concen: 3.988 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



Tgt Ion:196 Resp: 65204
Ion Ratio Lower Upper
196 100
198 96.4 76.7 115.1
97 40.1 32.9 49.3
132 21.2 16.8 25.2





#45

2-Fluorobiphenyl

Concen: 8.693 ng

RT: 13.069 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BM049707.D

Acq: 13 Mar 2025 09:42

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:172 Resp: 505509

Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

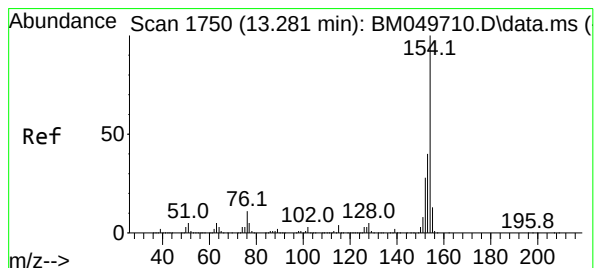
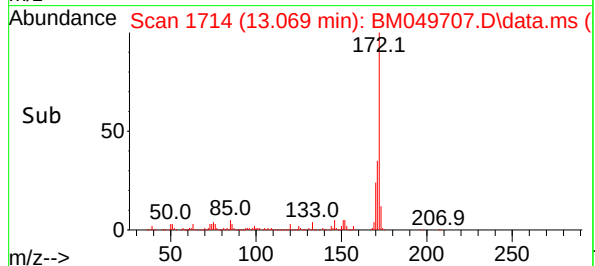
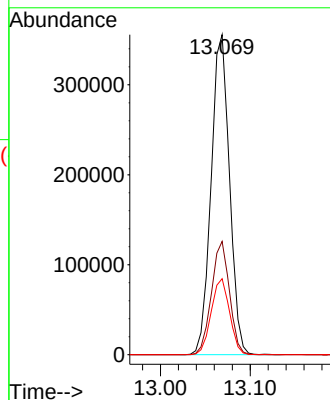
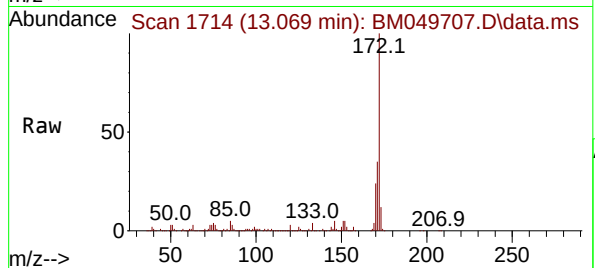
170 23.7 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#46

1,1'-Biphenyl

Concen: 4.535 ng

RT: 13.275 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BM049707.D

Acq: 13 Mar 2025 09:42

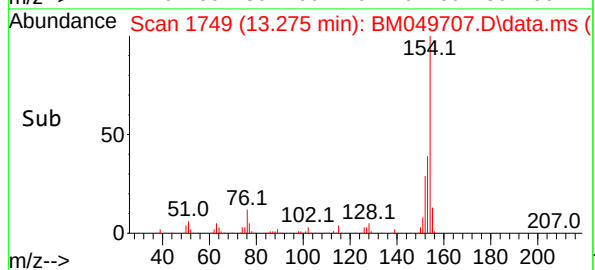
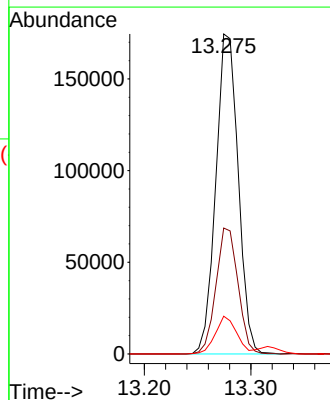
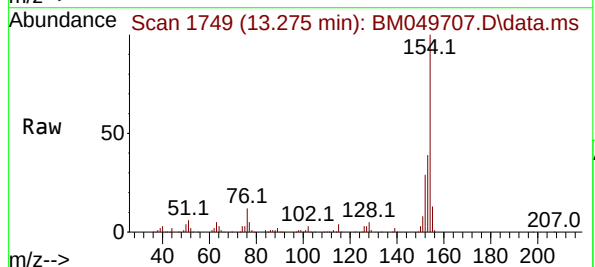
Tgt Ion:154 Resp: 254537

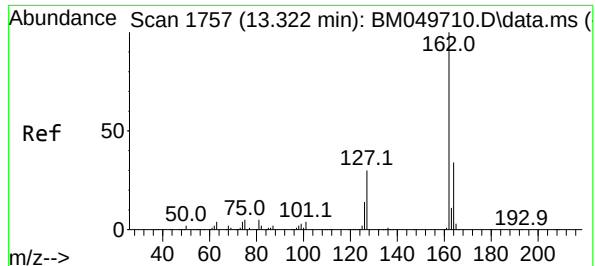
Ion Ratio Lower Upper

154 100

153 39.3 19.7 59.7

76 11.8 0.0 31.2





#47

2-Chloronaphthalene

Concen: 4.521 ng

RT: 13.316 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BM049707.D

Acq: 13 Mar 2025 09:42

Instrument :

BNA_M

ClientSampleId :

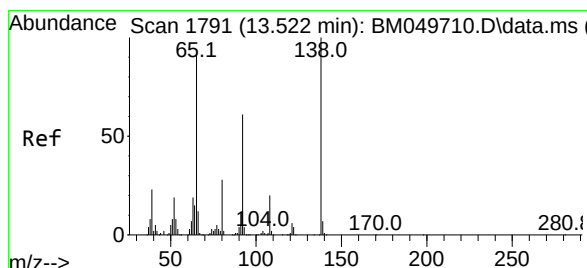
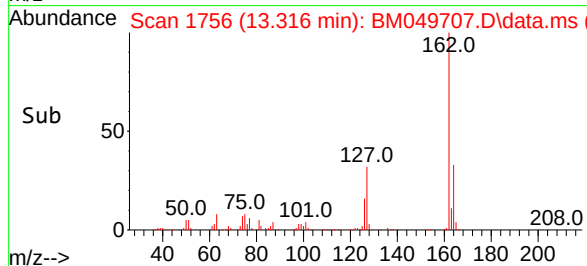
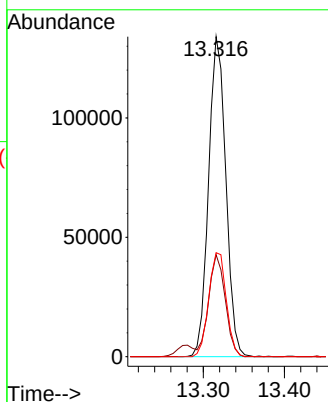
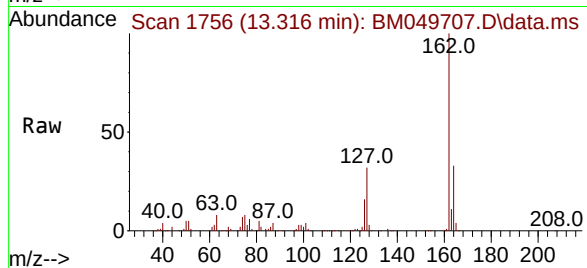
SSTDICC005

Tgt Ion:	162	Resp:	19750
Ion Ratio	Lower	Upper	
162	100		
127	31.9	25.8	38.6
164	32.5	27.1	40.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#48

2-Nitroaniline

Concen: 3.582 ng

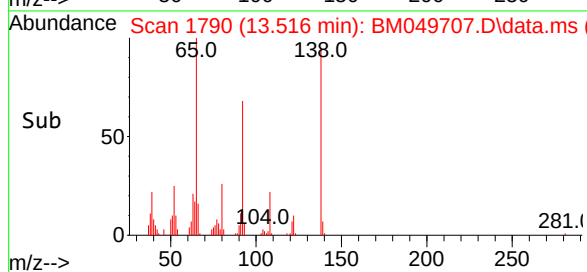
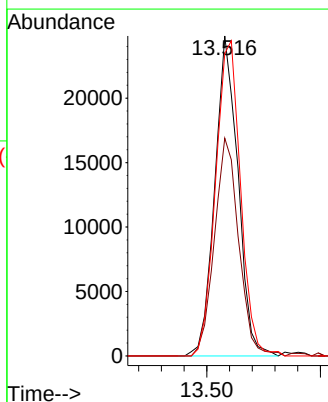
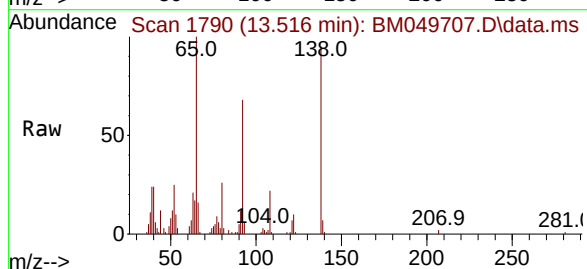
RT: 13.516 min Scan# 1790

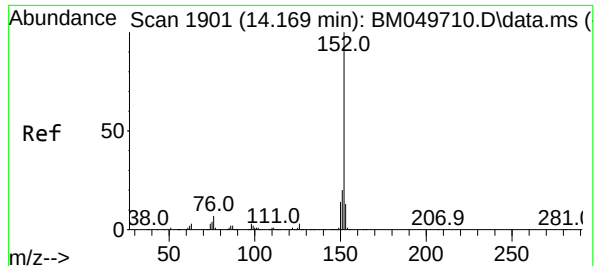
Delta R.T. -0.006 min

Lab File: BM049707.D

Acq: 13 Mar 2025 09:42

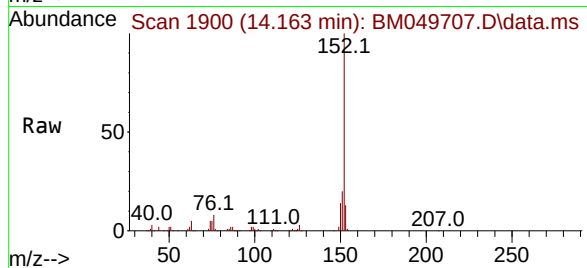
Tgt Ion:	65	Resp:	35130
Ion Ratio	Lower	Upper	
65	100		
92	68.1	53.4	80.2
138	94.5	87.6	131.4





#49
Acenaphthylene
Concen: 4.337 ng
RT: 14.163 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

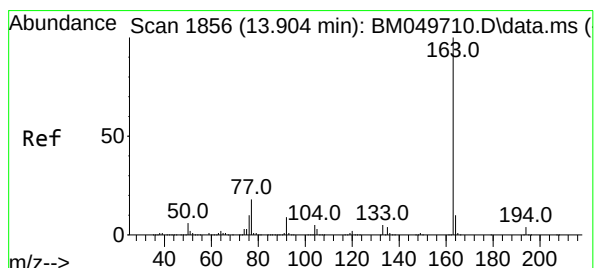
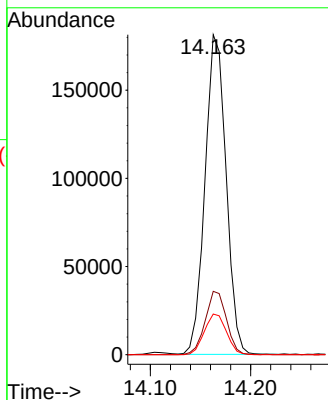
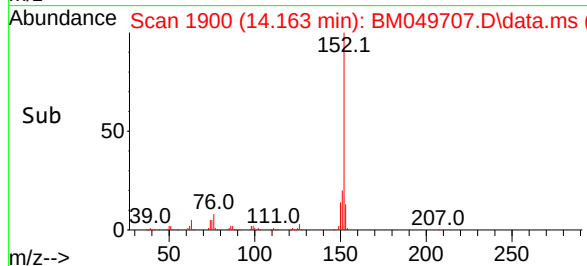
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 264860
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.7 10.2 15.4

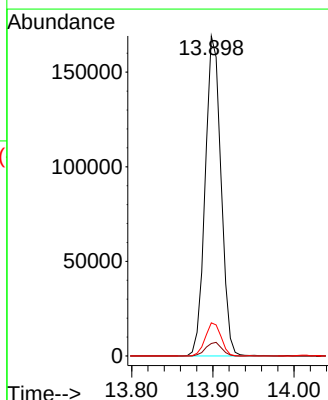
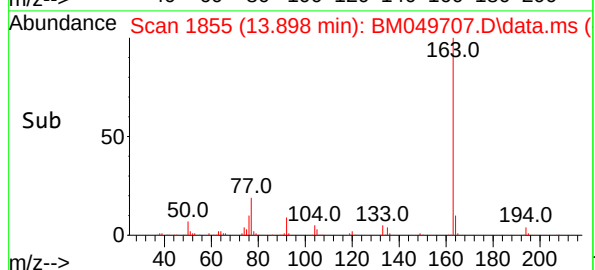
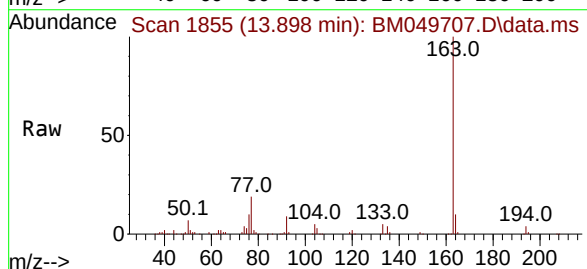
Manual Integrations
APPROVED

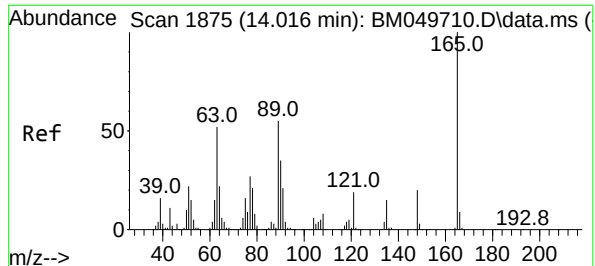
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#50
Dimethylphthalate
Concen: 4.548 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Tgt Ion:163 Resp: 228046
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.4 8.2 12.2





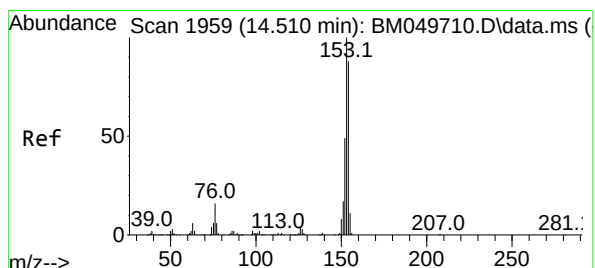
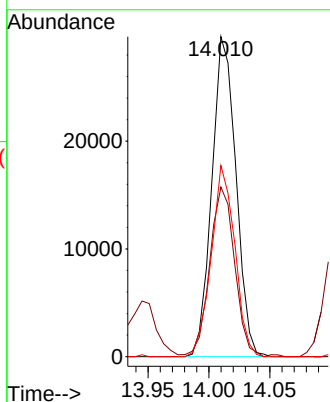
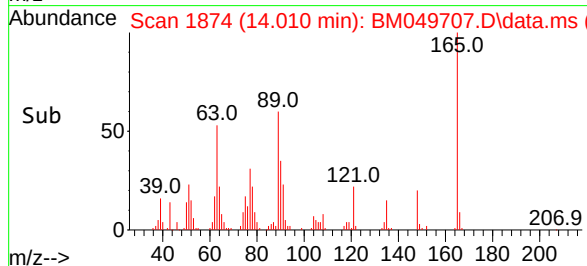
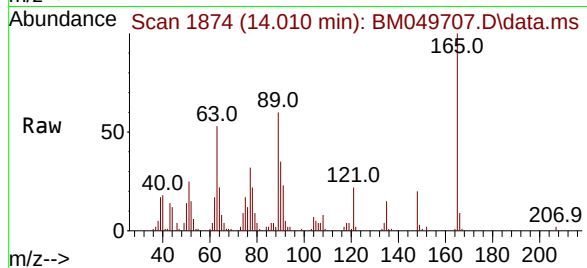
#51
2,6-Dinitrotoluene
Concen: 4.075 ng
RT: 14.010 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 4094
Ion Ratio Lower Upper
165 100
63 53.0 42.3 63.5
89 59.7 43.9 65.9

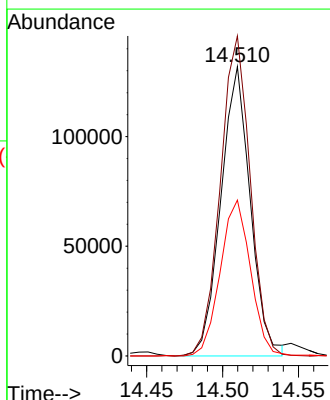
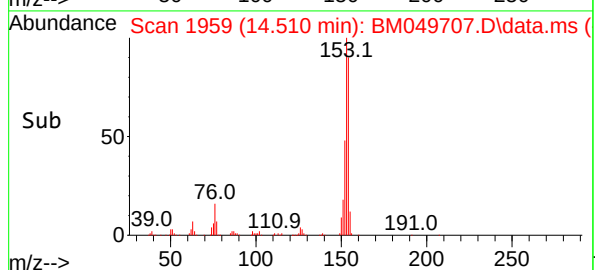
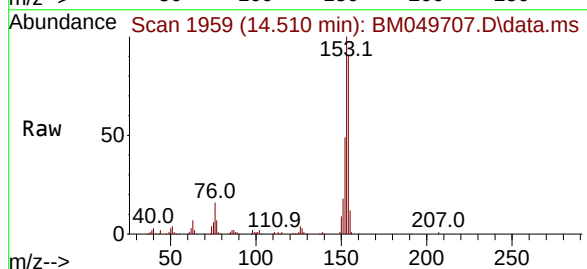
Manual Integrations
APPROVED

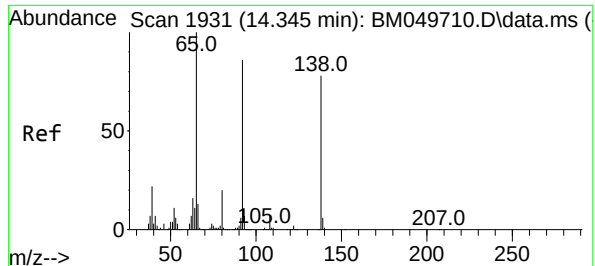
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#52
Acenaphthene
Concen: 4.454 ng m
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

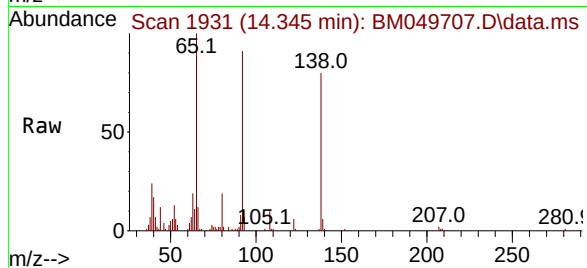
Tgt Ion:154 Resp: 178205
Ion Ratio Lower Upper
154 100
153 110.6 90.4 135.6
152 53.9 44.2 66.2





#53
3-Nitroaniline
Concen: 3.766 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

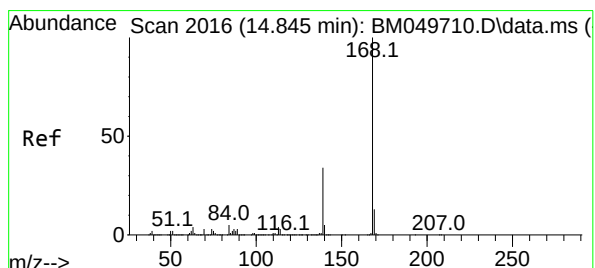
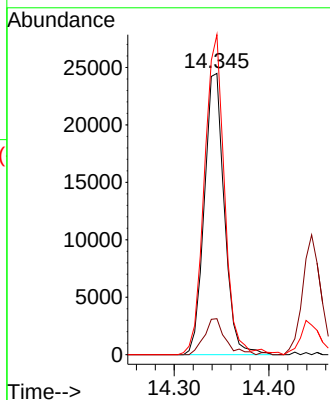
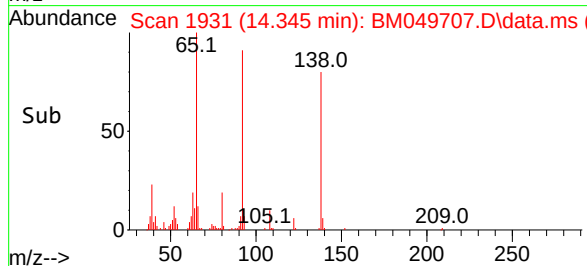
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 3600
Ion Ratio Lower Upper
138 100
108 12.8 7.5 11.3
92 113.8 88.0 132.0

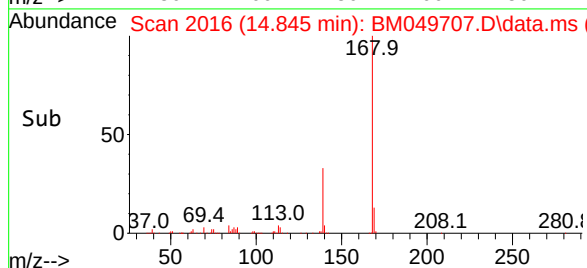
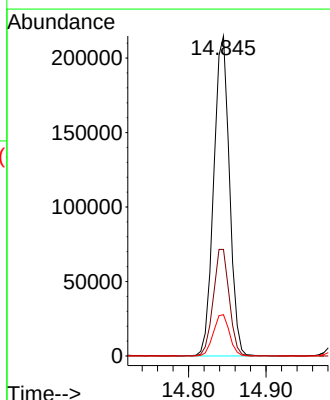
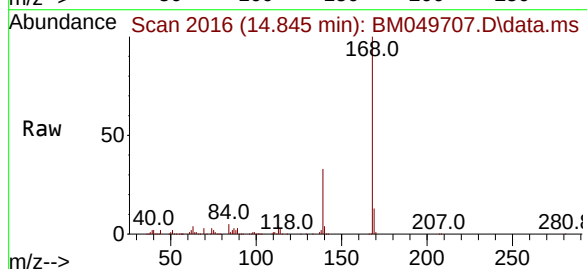
Manual Integrations
APPROVED

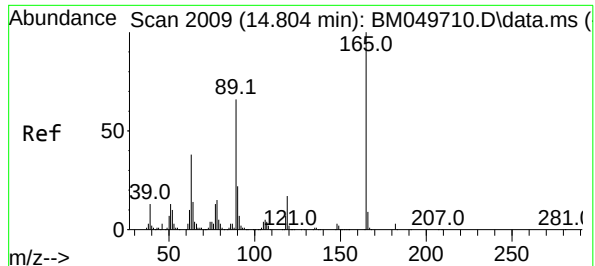
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#55
Dibenzofuran
Concen: 4.539 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Tgt Ion:168 Resp: 302949
Ion Ratio Lower Upper
168 100
139 33.3 27.4 41.0
169 12.9 10.7 16.1





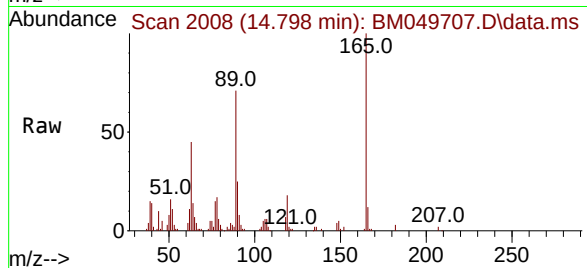
#57
2,4-Dinitrotoluene
Concen: 3.662 ng
RT: 14.798 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

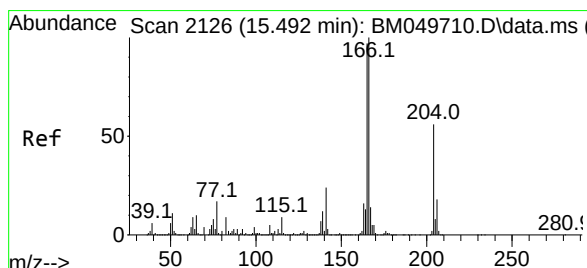
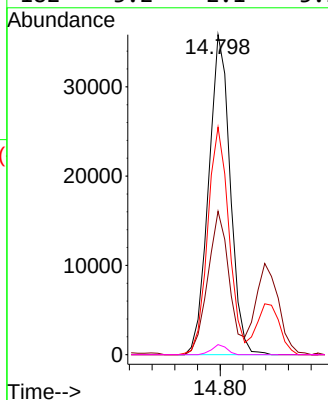
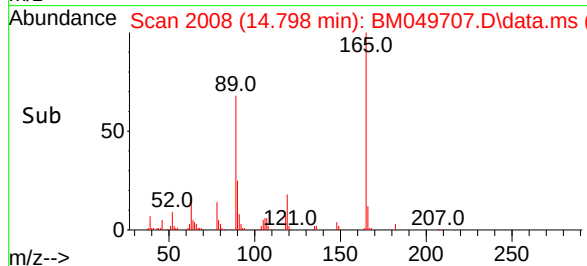


Tgt Ion:165 Resp: 47340
Ion Ratio Lower Upper
165 100
63 44.8 30.8 46.2
89 71.1 53.1 79.7
182 3.2 2.1 3.1#

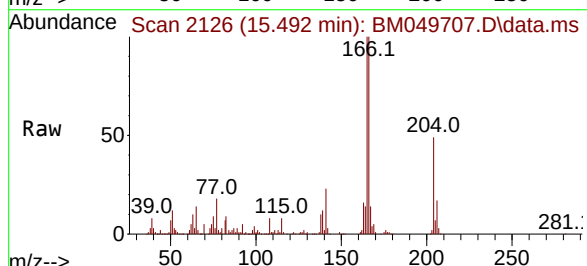
Manual Integrations

APPROVED

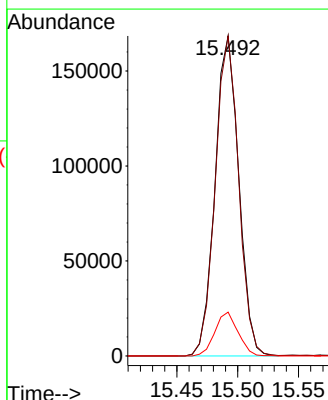
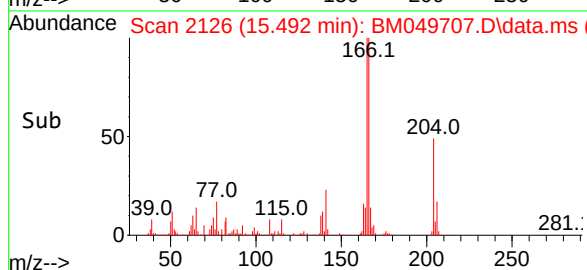
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

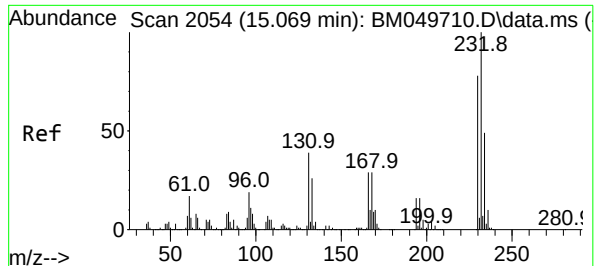


#58
Fluorene
Concen: 4.206 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



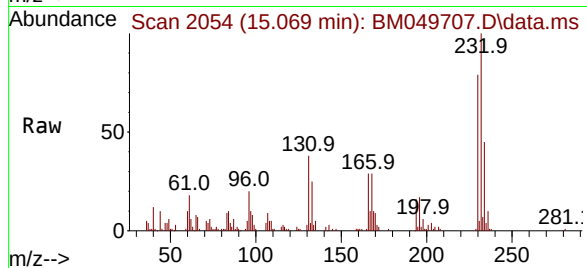
Tgt Ion:166 Resp: 228548
Ion Ratio Lower Upper
166 100
165 99.9 77.5 116.3
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.879 ng
RT: 15.069 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

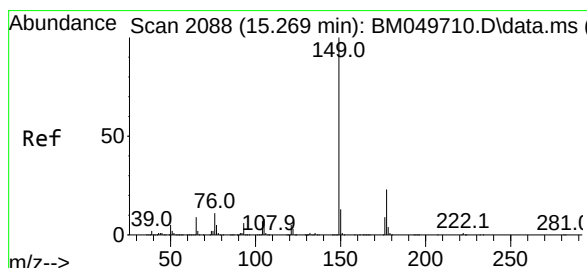
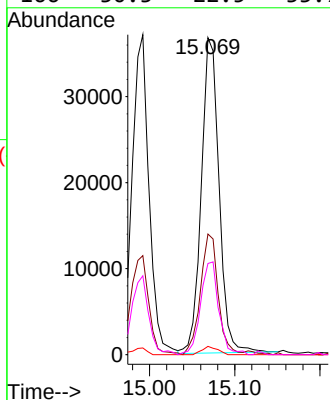
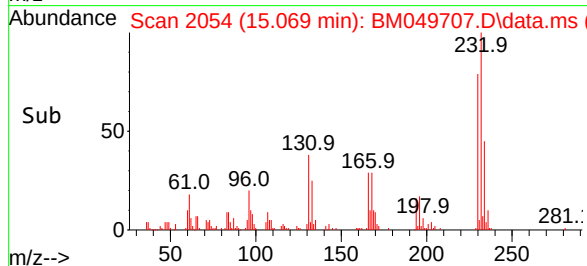
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



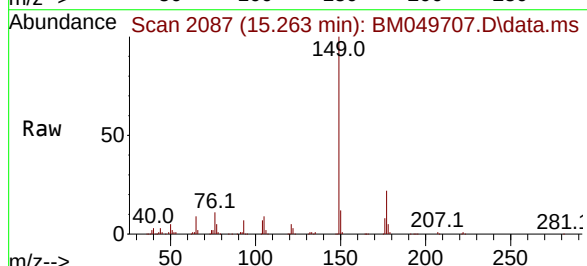
Tgt Ion:232 Resp: 5308
Ion Ratio Lower Upper
232 100
131 38.3 30.0 45.0
130 2.3 1.6 2.4
166 30.3 22.5 33.7

Manual Integrations
APPROVED

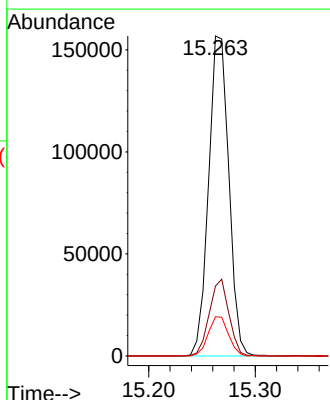
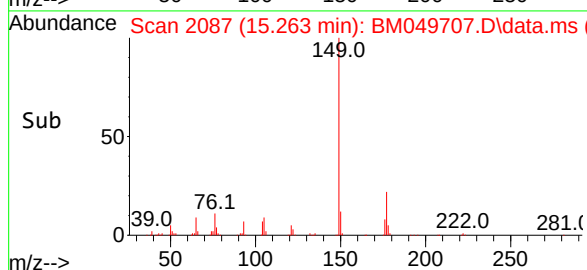
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

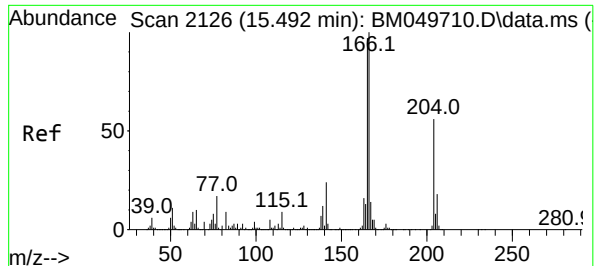


#60
Diethylphthalate
Concen: 4.377 ng
RT: 15.263 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



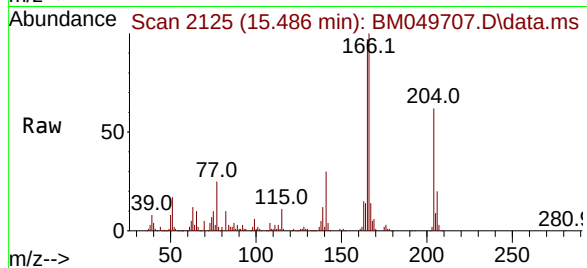
Tgt Ion:149 Resp: 206708
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.2
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 4.087 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

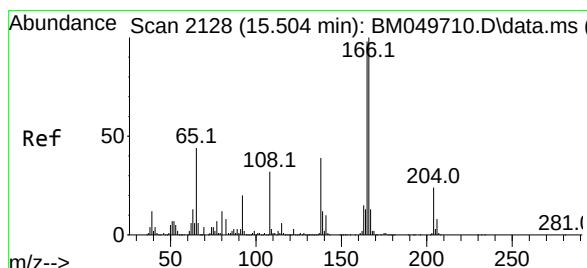
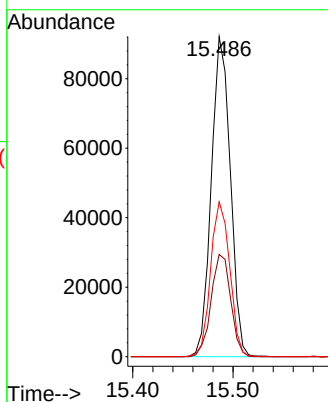
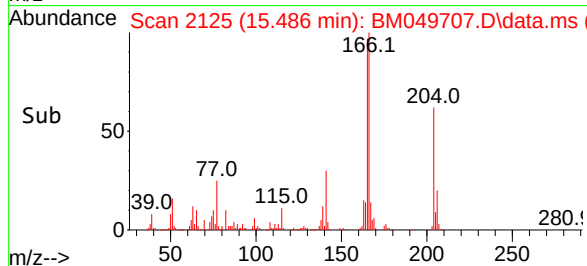
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



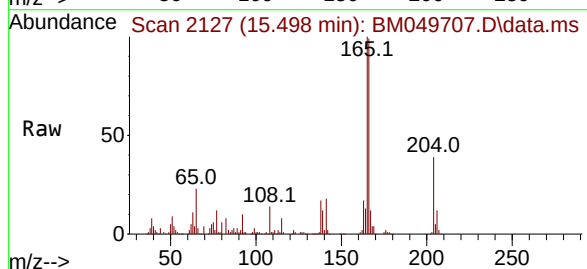
Tgt Ion:204 Resp: 121289
Ion Ratio Lower Upper
204 100
206 31.9 25.2 37.8
141 48.4 34.5 51.7

Manual Integrations
APPROVED

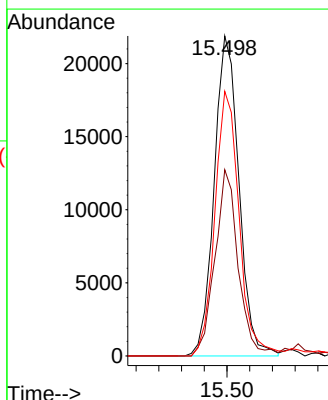
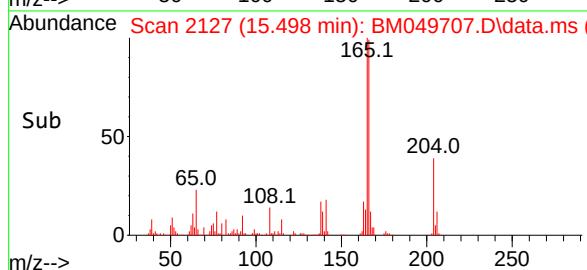
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

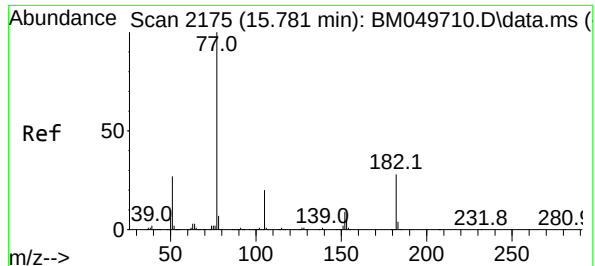


#62
4-Nitroaniline
Concen: 6.438 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



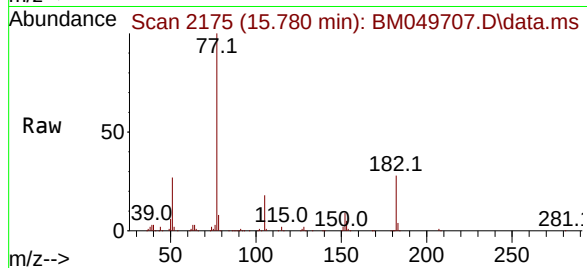
Tgt Ion:138 Resp: 33080
Ion Ratio Lower Upper
138 100
92 58.2 29.8 69.8
108 82.7 61.3 101.3





#63
Azobenzene
Concen: 4.328 ng
RT: 15.780 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

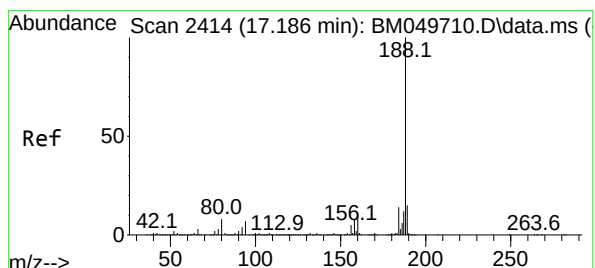
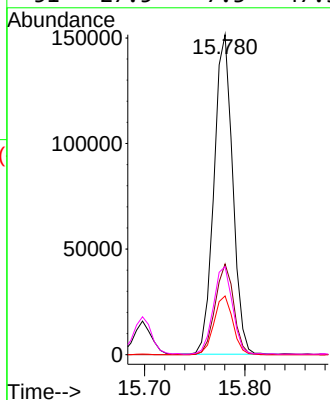
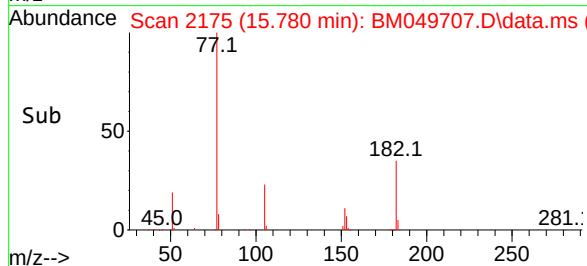
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



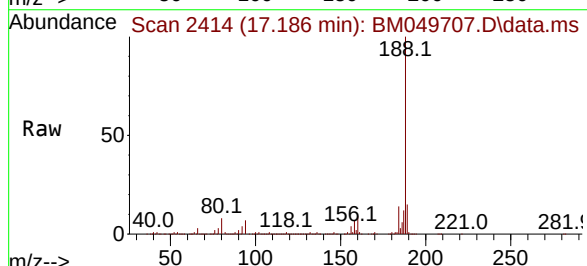
Tgt Ion: 77 Resp: 195248
Ion Ratio Lower Upper
77 100
182 28.3 8.0 48.0
105 18.3 0.0 40.0
51 27.5 7.3 47.3

Manual Integrations
APPROVED

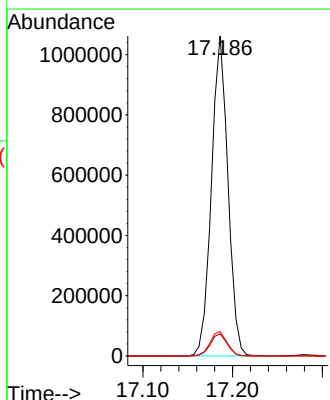
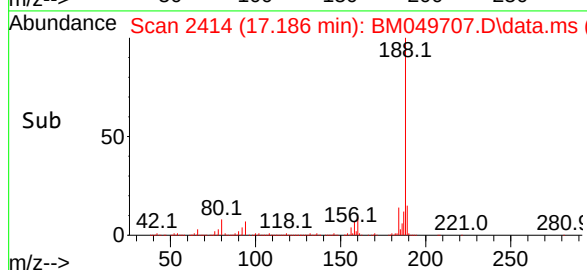
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

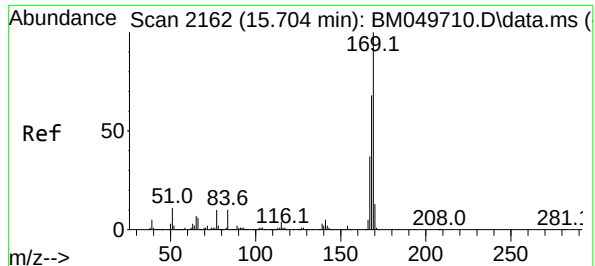


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



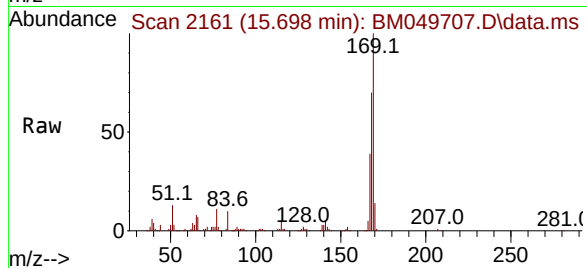
Tgt Ion:188 Resp: 1354361
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.6 6.3 9.5





#66
n-Nitrosodiphenylamine
Concen: 4.370 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

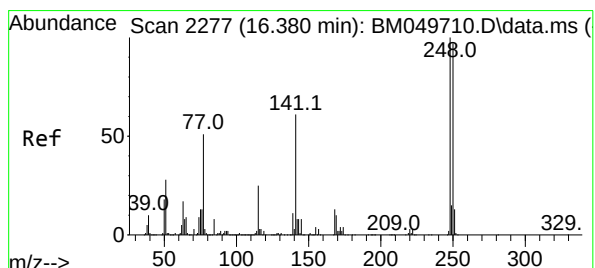
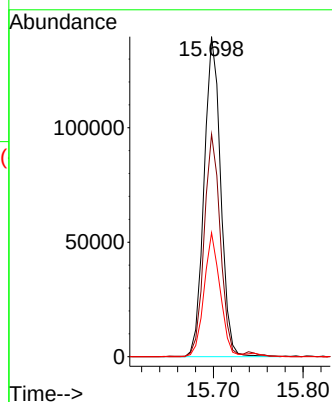
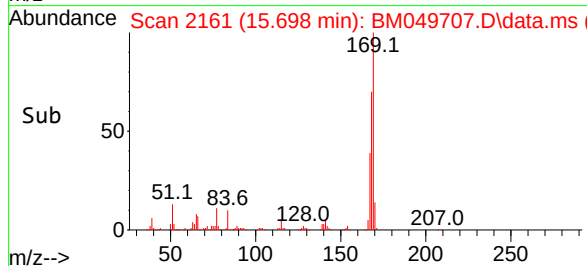
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:169 Resp: 179325
Ion Ratio Lower Upper
169 100
168 69.5 54.8 82.2
167 38.7 29.9 44.9

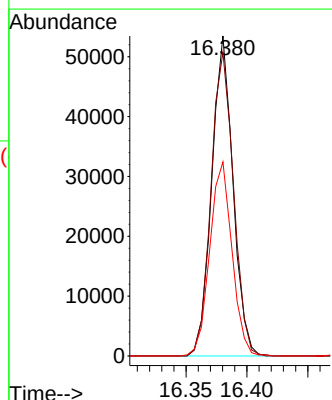
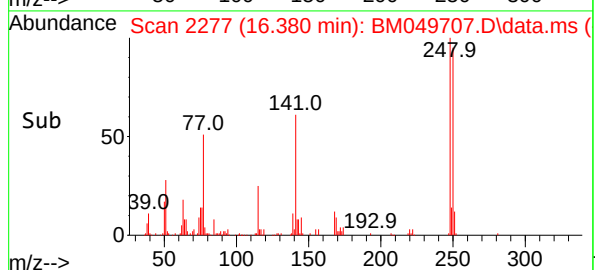
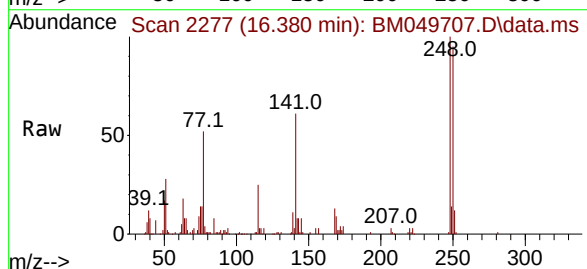
Manual Integrations
APPROVED

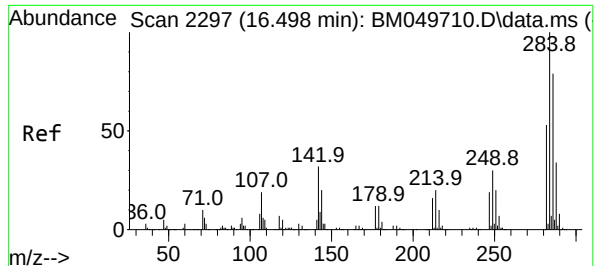
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#67
4-Bromophenyl-phenylether
Concen: 4.158 ng
RT: 16.380 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

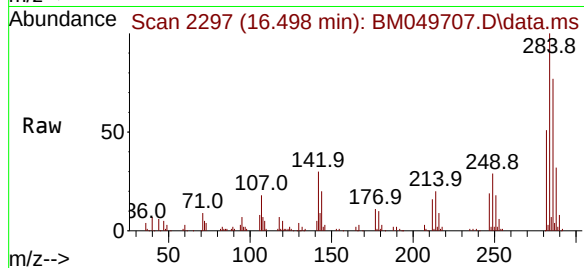
Tgt Ion:248 Resp: 65014
Ion Ratio Lower Upper
248 100
250 95.0 77.9 116.9
141 60.7 48.6 73.0





#68
Hexachlorobenzene
Concen: 4.417 ng
RT: 16.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

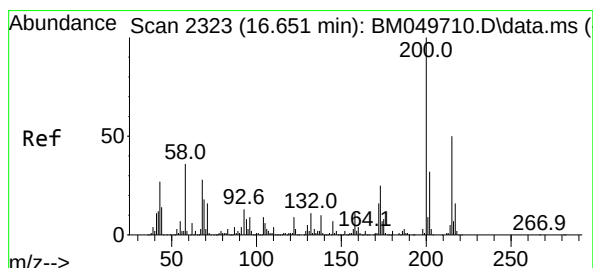
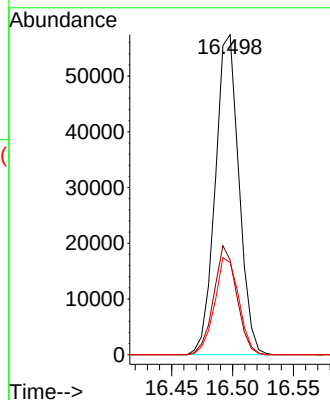
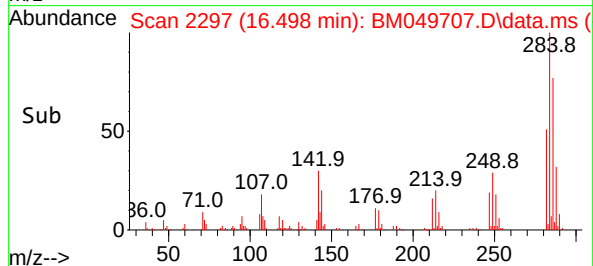
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



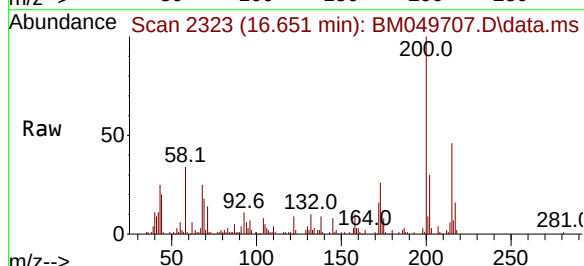
Tgt Ion:284 Resp: 7767
Ion Ratio Lower Upper
284 100
142 29.6 25.5 38.3
249 28.8 24.2 36.2

Manual Integrations
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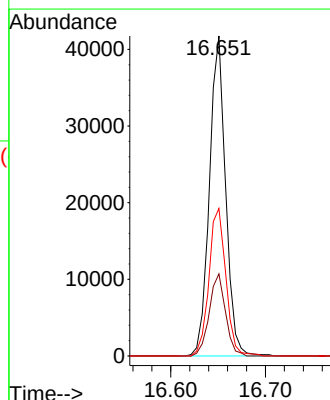
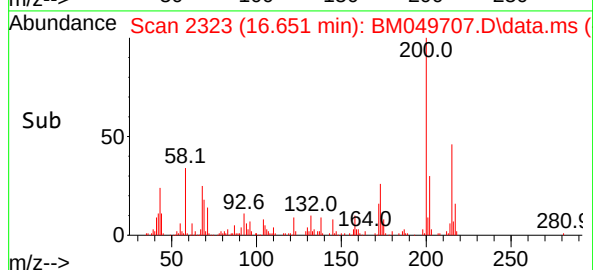
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

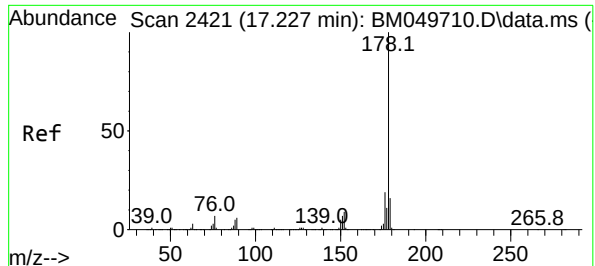


#69
Atrazine
Concen: 5.480 ng
RT: 16.651 min Scan# 2323
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



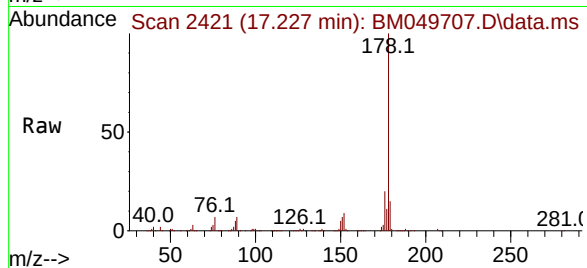
Tgt Ion:200 Resp: 49560
Ion Ratio Lower Upper
200 100
173 25.7 5.4 45.4
215 46.1 29.8 69.8





#71
Phenanthrene
Concen: 4.358 ng
RT: 17.227 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

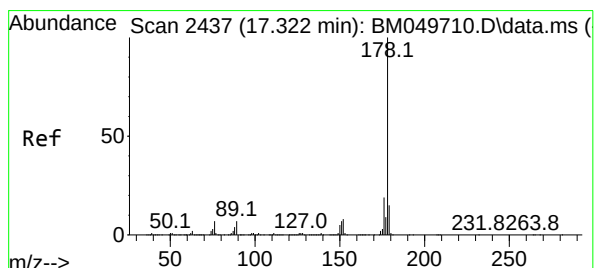
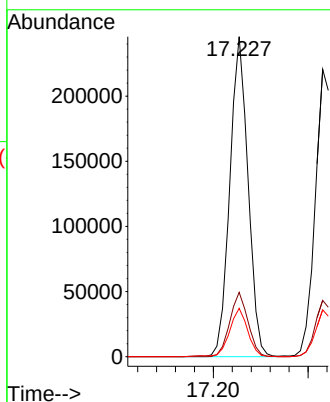
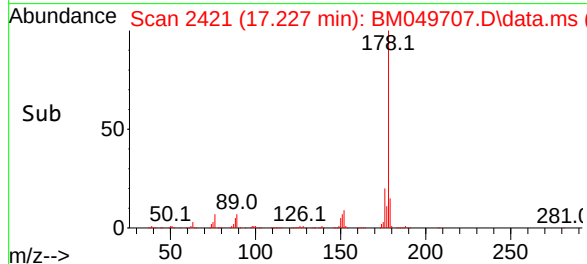
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:178 Resp: 32775
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 15.1 12.5 18.7

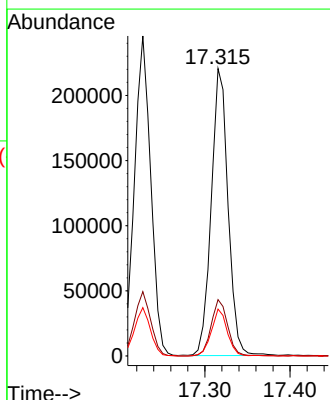
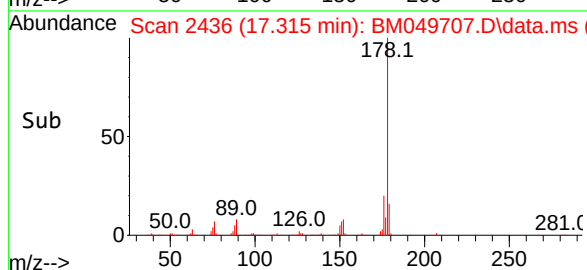
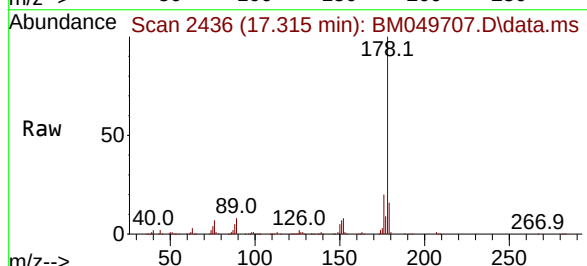
Manual Integrations
APPROVED

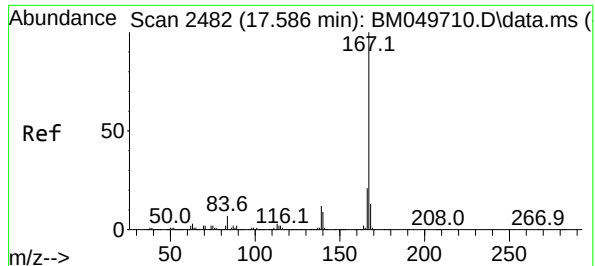
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#72
Anthracene
Concen: 4.147 ng
RT: 17.315 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

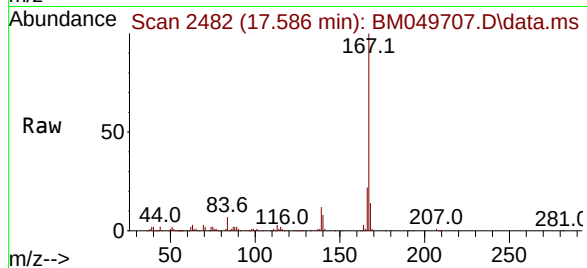
Tgt Ion:178 Resp: 302012
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 16.3 12.4 18.6





#73
Carbazole
Concen: 4.028 ng
RT: 17.586 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

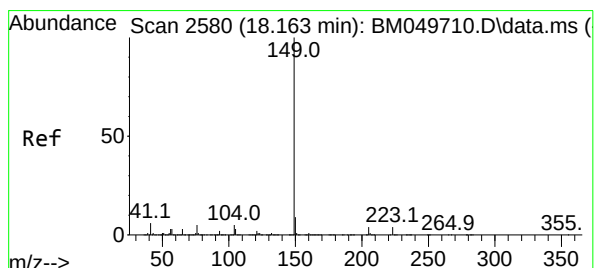
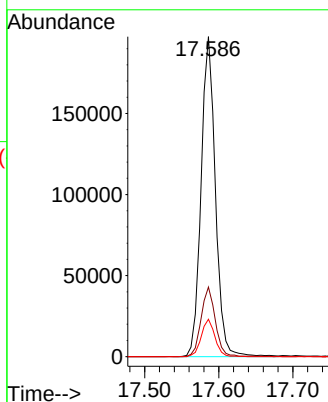
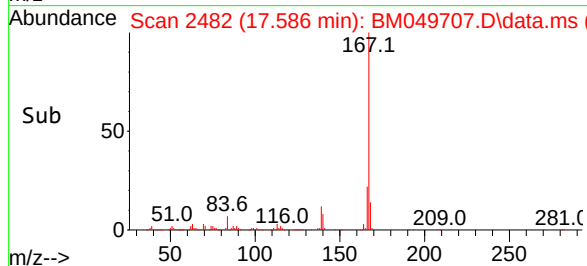
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:167 Resp: 265668
Ion Ratio Lower Upper
167 100
166 21.8 17.0 25.6
139 11.7 9.4 14.2

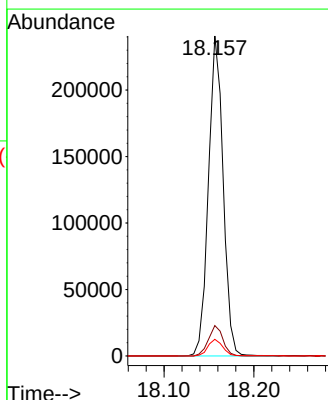
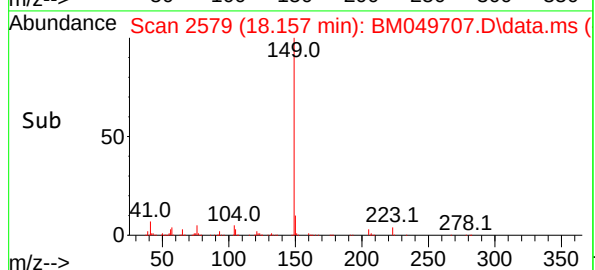
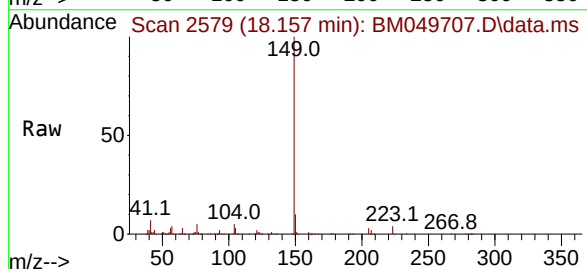
Manual Integrations
APPROVED

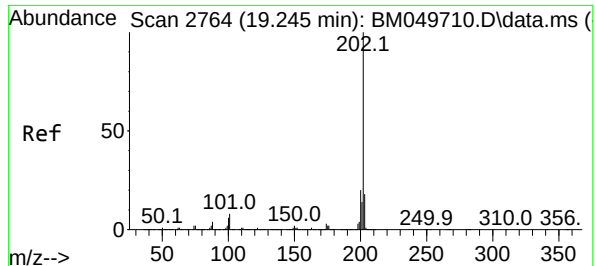
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#74
Di-n-butylphthalate
Concen: 3.785 ng
RT: 18.157 min Scan# 2579
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

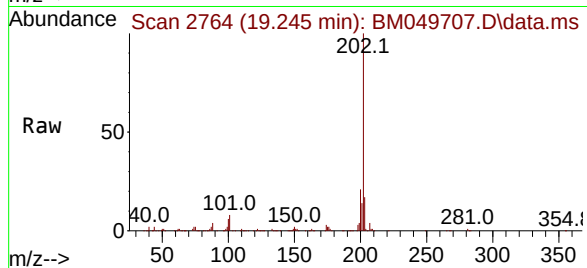
Tgt Ion:149 Resp: 273661
Ion Ratio Lower Upper
149 100
150 9.5 7.2 10.8
104 5.2 3.9 5.9





#75
Fluoranthene
Concen: 3.810 ng
RT: 19.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

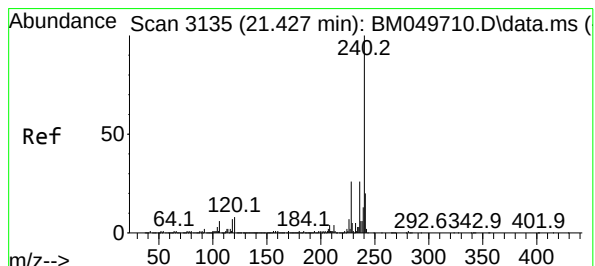
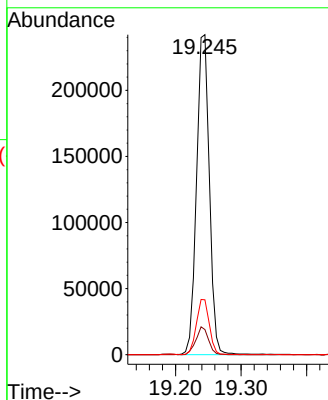
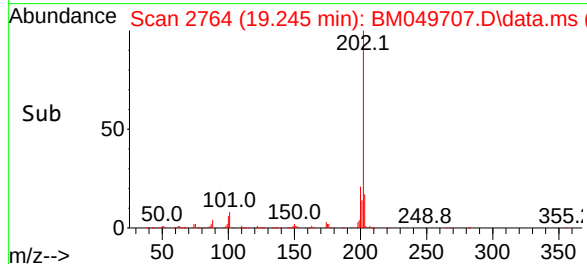
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:202 Resp: 32985
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.8
203 17.1 0.0 37.6

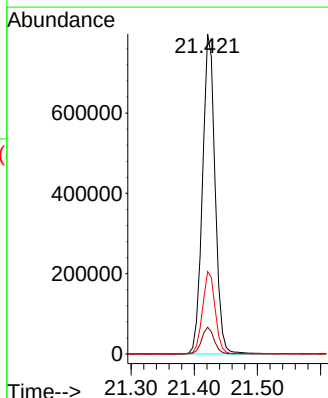
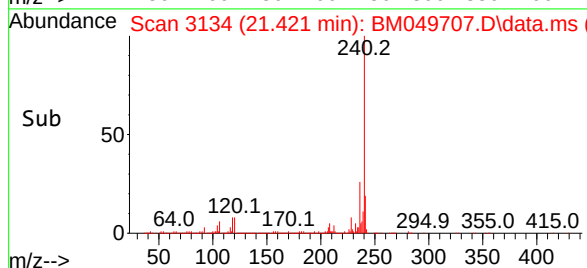
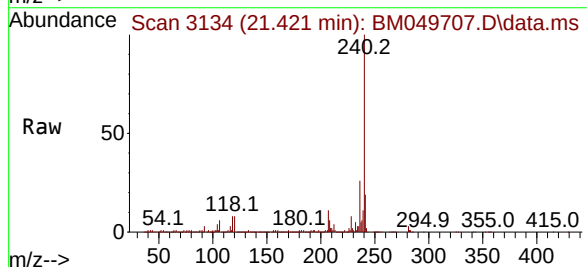
Manual Integrations
APPROVED

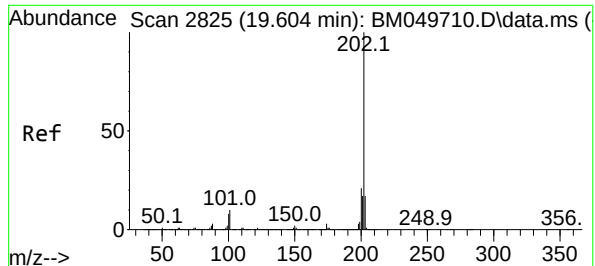
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

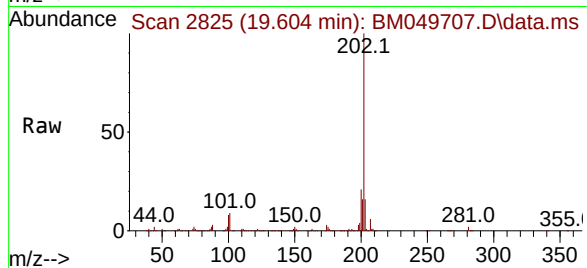
Tgt Ion:240 Resp: 1106026
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.8 20.7 31.1





#78
Pyrene
Concen: 4.438 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

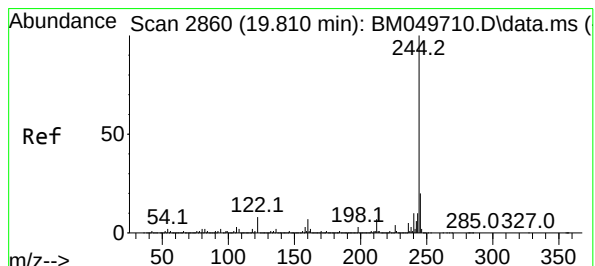
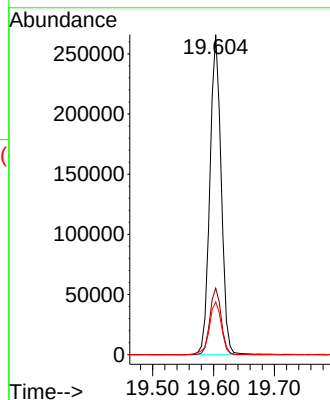
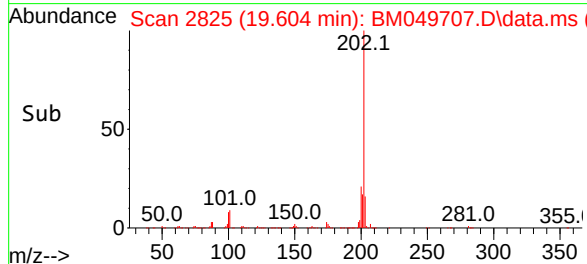
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



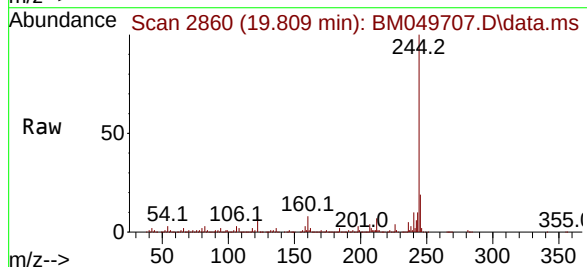
Tgt Ion:202 Resp: 342964
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 16.5 14.0 21.0

Manual Integrations
APPROVED

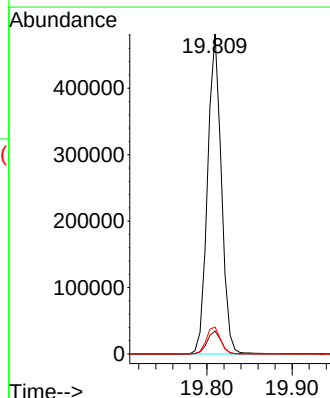
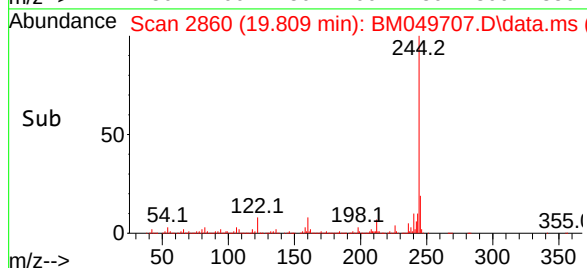
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

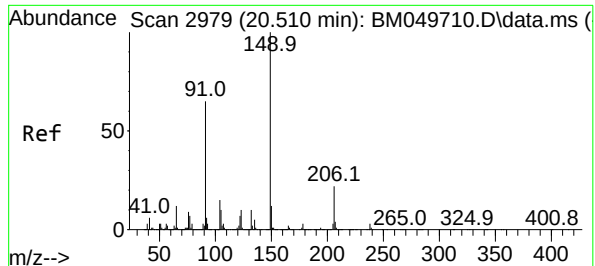


#79
Terphenyl-d14
Concen: 8.243 ng
RT: 19.809 min Scan# 2860
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



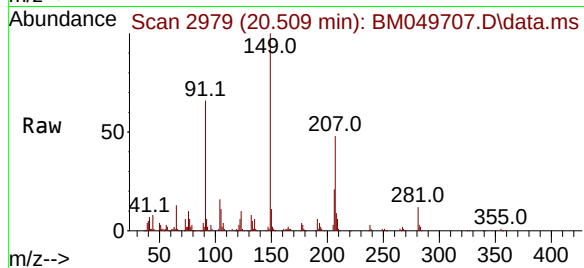
Tgt Ion:244 Resp: 541048
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.4 6.0 9.0





#80
Butylbenzylphthalate
Concen: 3.726 ng
RT: 20.509 min Scan# 2979
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

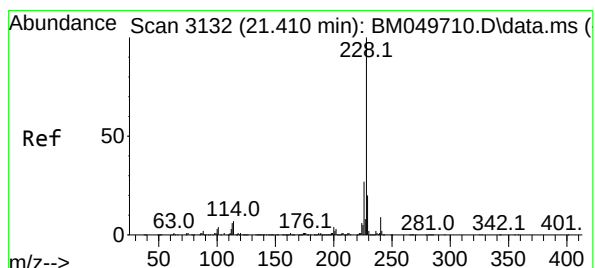
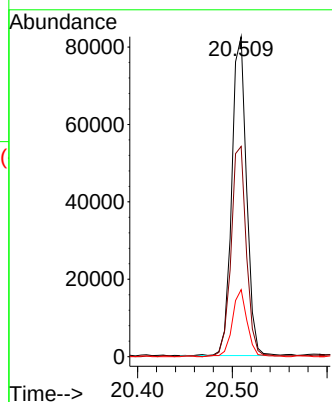
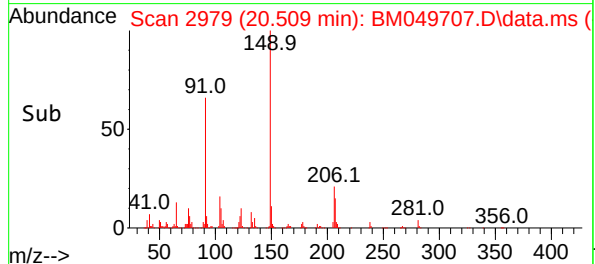
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 89358
Ion Ratio Lower Upper
149 100
91 65.7 52.2 78.4
206 20.9 17.6 26.4

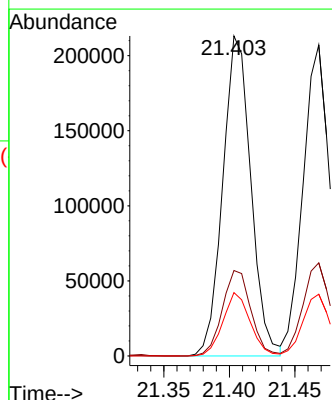
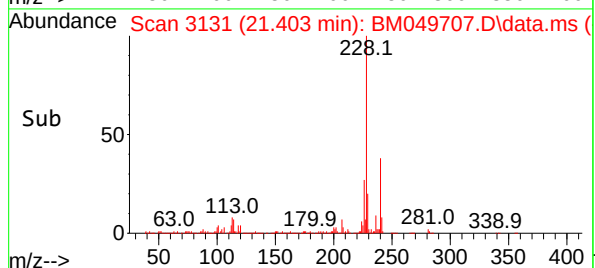
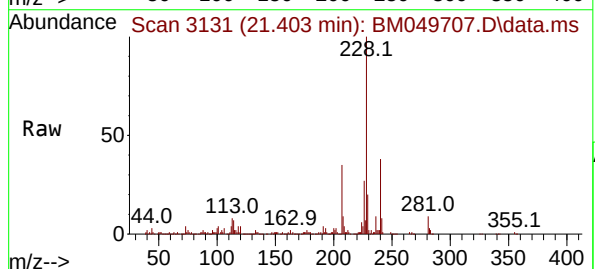
Manual Integrations
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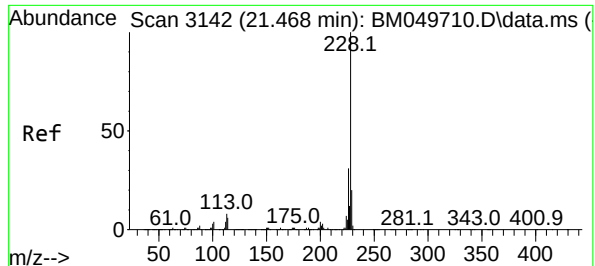
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#81
Benzo(a)anthracene
Concen: 4.302 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

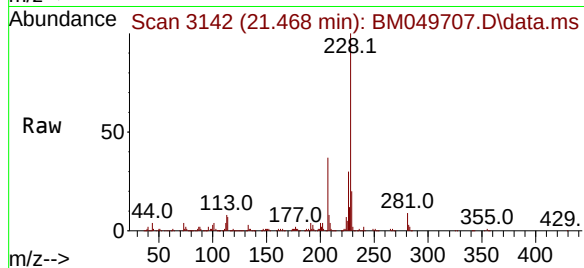
Tgt Ion:228 Resp: 317845
Ion Ratio Lower Upper
228 100
226 26.7 22.0 33.0
229 19.8 15.8 23.8





#83
Chrysene
Concen: 4.231 ng
RT: 21.468 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

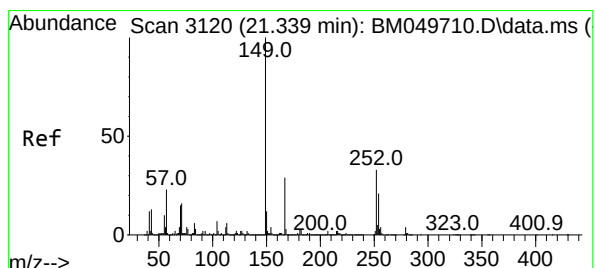
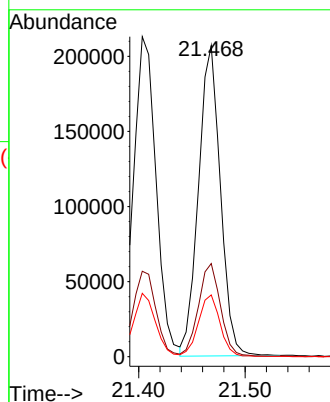
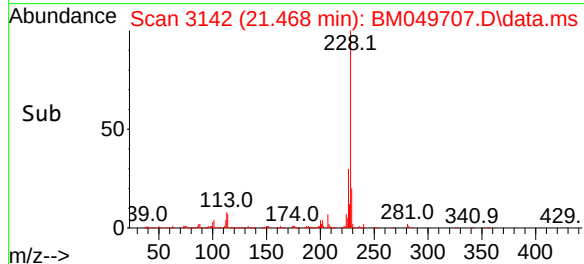
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 296298
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 19.8 15.8 23.6

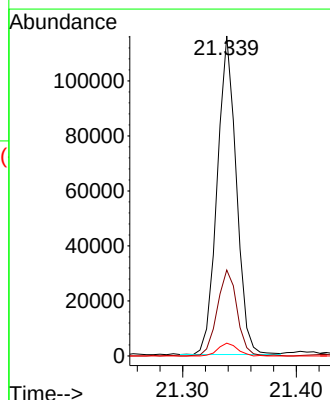
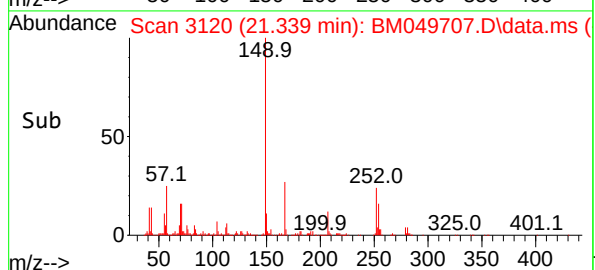
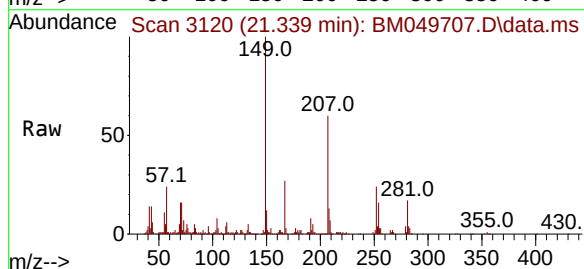
Manual Integrations
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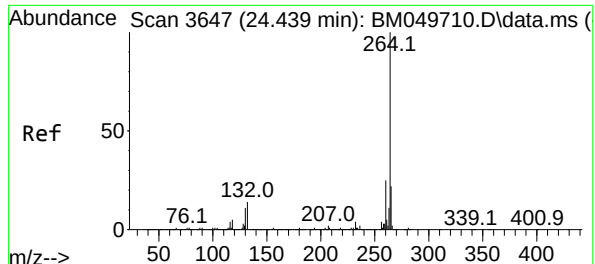
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.631 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

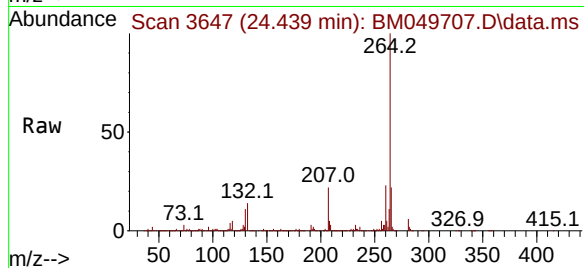
Tgt Ion:149 Resp: 135712
Ion Ratio Lower Upper
149 100
167 26.9 22.9 34.3
279 4.0 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.439 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

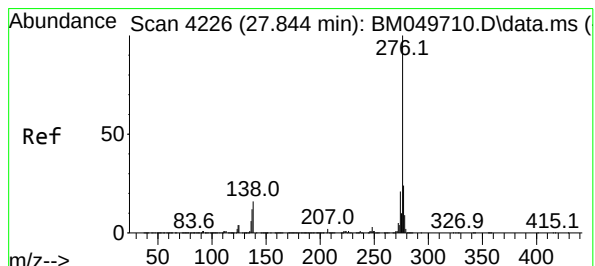
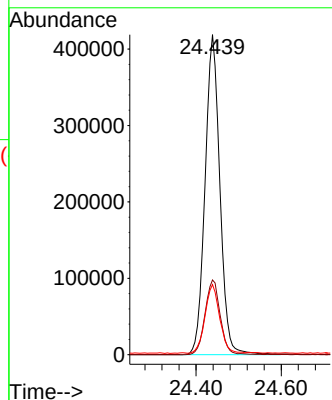
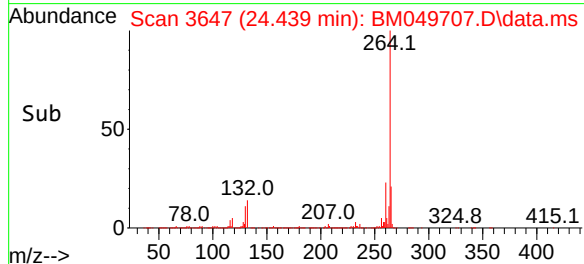
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:264 Resp: 101221
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 21.9 18.2 27.2

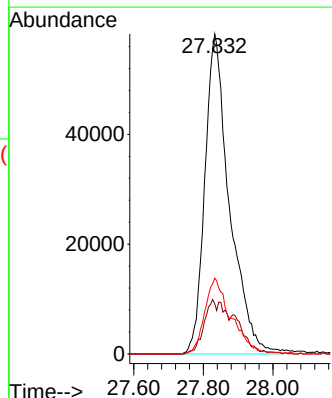
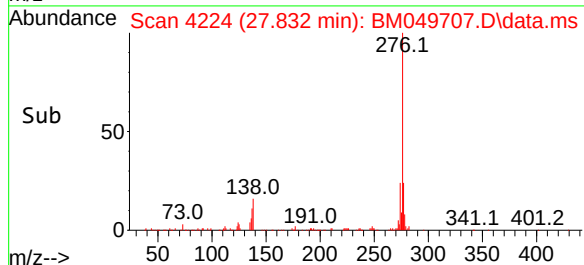
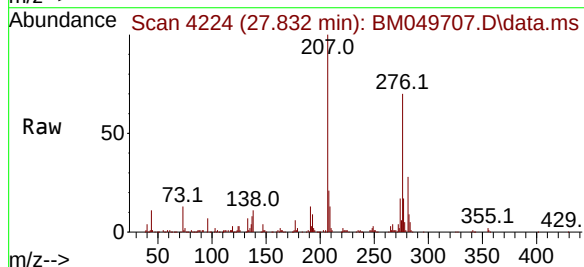
Manual Integrations
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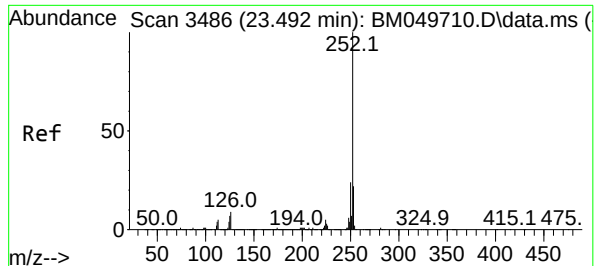
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.942 ng
RT: 27.832 min Scan# 4224
Delta R.T. -0.012 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

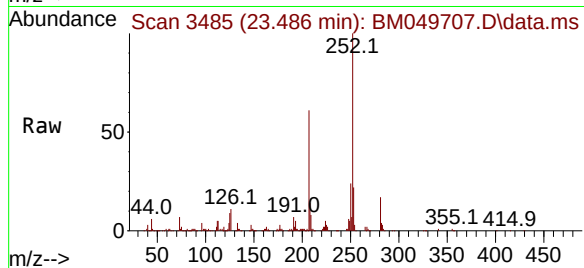
Tgt Ion:276 Resp: 287160
Ion Ratio Lower Upper
276 100
138 8.7 16.3 24.5#
277 25.3 19.9 29.9





#88
Benzo(b)fluoranthene
Concen: 4.038 ng
RT: 23.486 min Scan# 3486
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

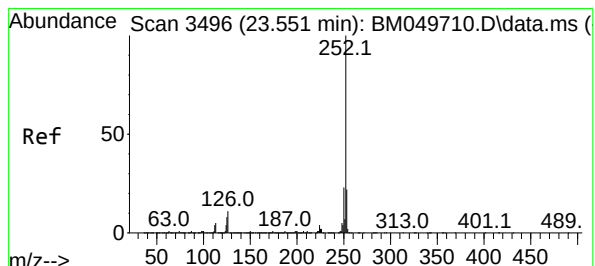
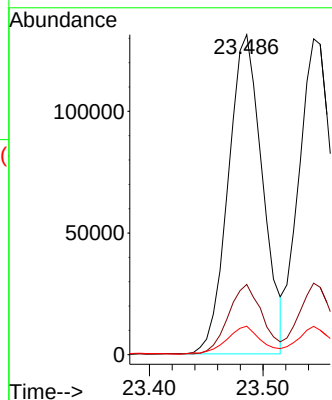
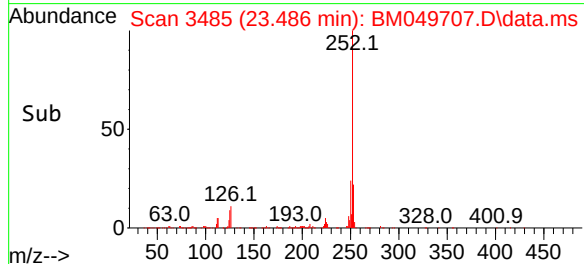
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:252 Resp: 275289
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.9 5.9 8.9

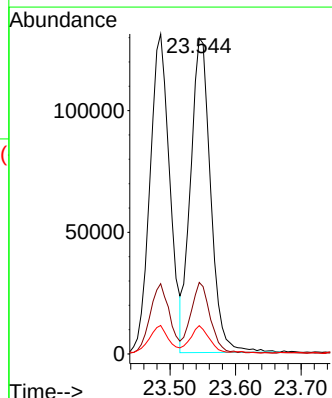
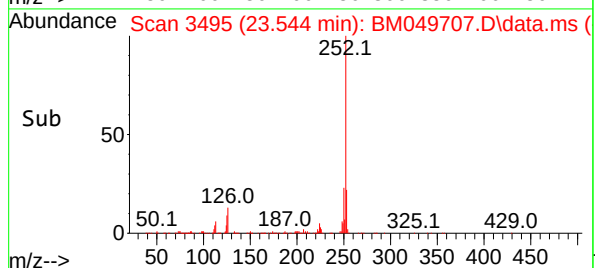
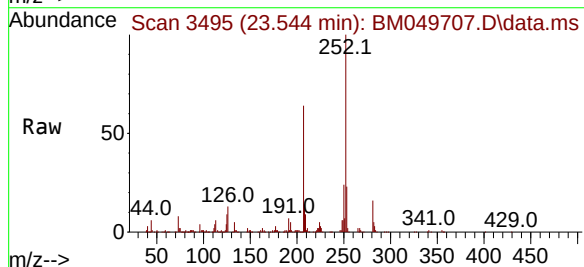
Manual Integrations
APPROVED

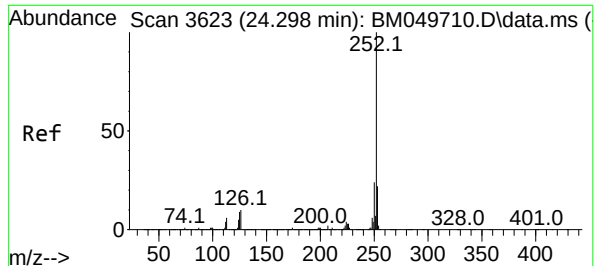
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#89
Benzo(k)fluoranthene
Concen: 4.097 ng
RT: 23.544 min Scan# 3495
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

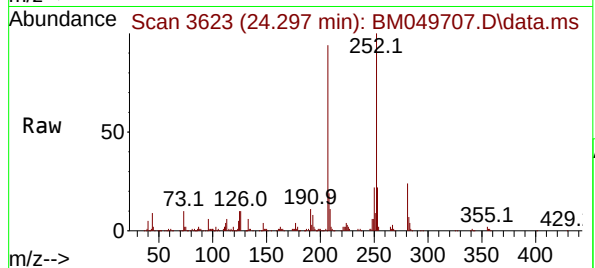
Tgt Ion:252 Resp: 274827
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 9.0 6.2 9.2





#90
Benzo(a)pyrene
Concen: 3.972 ng
RT: 24.297 min Scan# 3623
Delta R.T. -0.000 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42

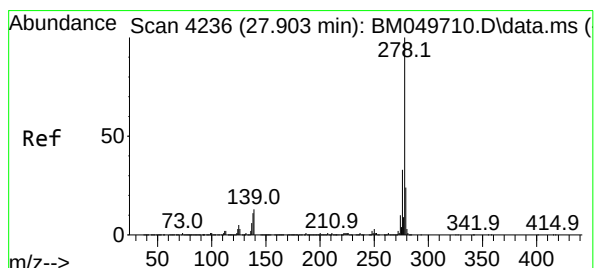
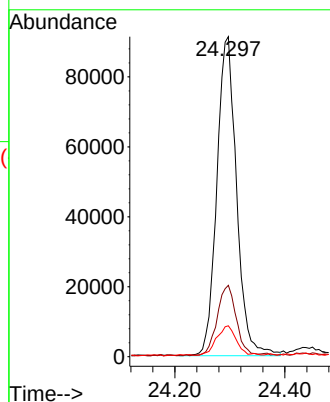
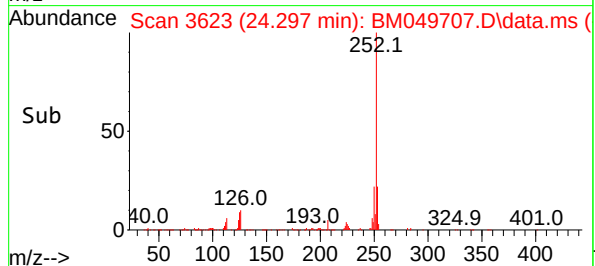
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



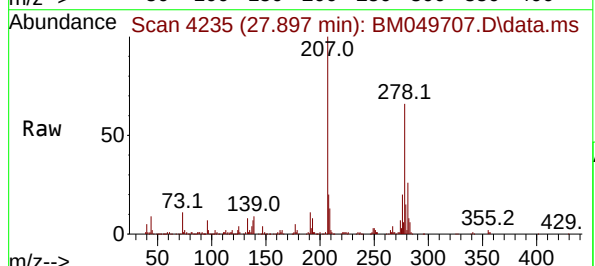
Tgt Ion:252 Resp: 227430
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 9.6 7.0 10.6

Manual Integrations
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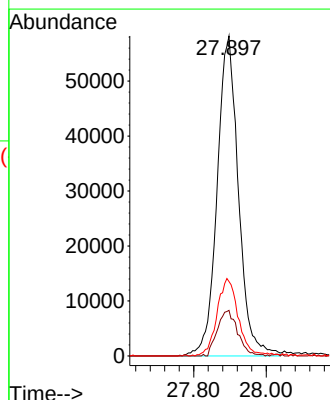
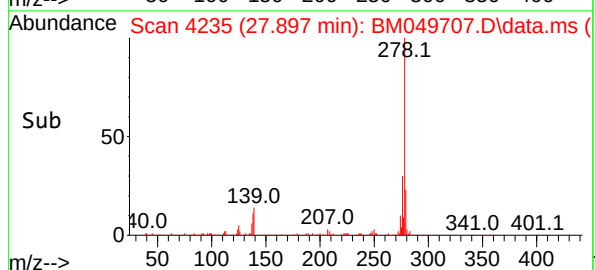
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

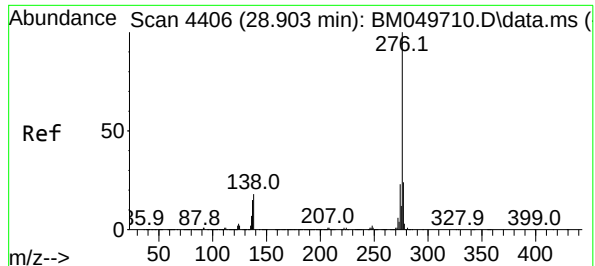


#91
Dibenzo(a,h)anthracene
Concen: 3.919 ng
RT: 27.897 min Scan# 4235
Delta R.T. -0.006 min
Lab File: BM049707.D
Acq: 13 Mar 2025 09:42



Tgt Ion:278 Resp: 237863
Ion Ratio Lower Upper
278 100
139 14.2 10.1 15.1
279 23.3 19.1 28.7





#92

Benzo(g,h,i)perylene

Concen: 4.095 ng

RT: 28.891 min Scan# 44

Delta R.T. -0.012 min

Lab File: BM049707.D

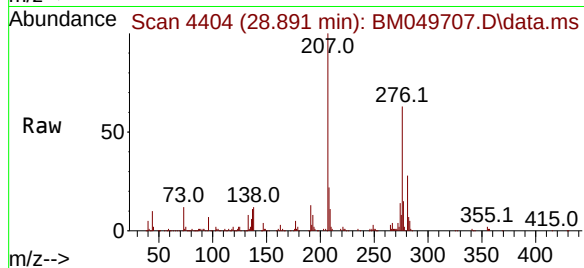
Acq: 13 Mar 2025 09:42

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:276 Resp: 250390

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

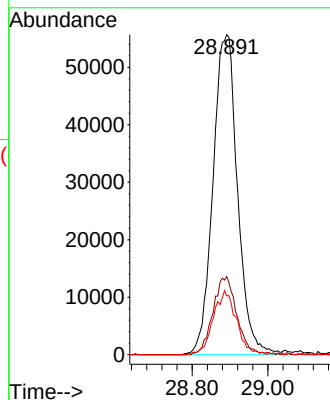
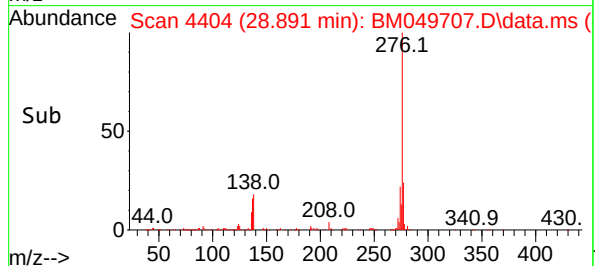
138 18.4 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049708.D
 Acq On : 13 Mar 2025 10:21
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:40:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	293192	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1019320	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	633855	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1188953	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1054297	20.000	ng	0.00
86) Perylene-d12	24.438	264	996325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	320027	18.418	ng	0.00
7) Phenol-d6	6.975	99	405535	18.597	ng	0.00
23) Nitrobenzene-d5	8.957	82	367976	18.534	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	122197	16.510	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	899550	17.773	ng	0.00
79) Terphenyl-d14	19.809	244	1076743	17.210	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	71151	9.459	ng	99
3) Pyridine	3.687	79	187922	9.770	ng	97
4) n-Nitrosodimethylamine	3.593	42	83810	9.860	ng	# 97
6) Aniline	7.128	93	186993	10.236	ng	97
8) 2-Chlorophenol	7.375	128	162914	9.468	ng	97
9) Benzaldehyde	6.945	77	126701	11.753	ng	98
10) Phenol	7.004	94	201202	9.516	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	167287	9.770	ng	98
12) 1,3-Dichlorobenzene	7.698	146	202373	9.678	ng	99
13) 1,4-Dichlorobenzene	7.839	146	203124	9.628	ng	98
14) 1,2-Dichlorobenzene	8.157	146	194285	9.690	ng	100
15) Benzyl Alcohol	8.045	79	126394	9.236	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.339	45	201491	10.012	ng	99
17) 2-Methylphenol	8.251	107	118057	9.405	ng	99
18) Hexachloroethane	8.892	117	71494	9.597	ng	95
19) n-Nitroso-di-n-propyla...	8.610	70	119458	9.447	ng	98
20) 3+4-Methylphenols	8.575	107	157890	9.385	ng	97
22) Acetophenone	8.622	105	246249	9.369	ng	# 98
24) Nitrobenzene	8.998	77	173589	9.273	ng	99
25) Isophorone	9.528	82	271649	8.912	ng	100
26) 2-Nitrophenol	9.716	139	65814	8.260	ng	97
27) 2,4-Dimethylphenol	9.781	122	91250	8.997	ng	96
28) bis(2-Chloroethoxy)met...	10.010	93	198036	9.224	ng	98
29) 2,4-Dichlorophenol	10.251	162	147338	8.915	ng	96
30) 1,2,4-Trichlorobenzene	10.463	180	191764	9.274	ng	99
31) Naphthalene	10.651	128	485373	9.260	ng	99
32) Benzoic acid	9.863	122	62166m	7.205	ng	
33) 4-Chloroaniline	10.757	127	167497	9.364	ng	99
34) Hexachlorobutadiene	10.945	225	116499	9.127	ng	97
35) Caprolactam	11.522	113	30986	8.076	ng	97
36) 4-Chloro-3-methylphenol	11.886	107	122307	8.624	ng	97
37) 2-Methylnaphthalene	12.263	142	334335	9.122	ng	99
38) 1-Methylnaphthalene	12.486	142	326369	9.230	ng	100
40) 1,2,4,5-Tetrachloroben...	12.633	216	206804	8.882	ng	100
41) Hexachlorocyclopentadiene	12.622	237	73417	8.512	ng	95
43) 2,4,6-Trichlorophenol	12.874	196	109119	8.368	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049708.D
 Acq On : 13 Mar 2025 10:21
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:40:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	122162	8.585	ng	97
46) 1,1'-Biphenyl	13.280	154	443501	9.078	ng	100
47) 2-Chloronaphthalene	13.321	162	353401	9.294	ng	97
48) 2-Nitroaniline	13.516	65	71291	8.352	ng	92
49) Acenaphthylene	14.163	152	475985	8.955	ng	99
50) Dimethylphthalate	13.898	163	399925	9.164	ng	100
51) 2,6-Dinitrotoluene	14.016	165	78037	8.924	ng	95
52) Acenaphthene	14.510	154	312188m	8.966	ng	
53) 3-Nitroaniline	14.339	138	70204	8.437	ng	# 91
54) 2,4-Dinitrophenol	14.545	184	26403	10.075	ng	95
55) Dibenzofuran	14.845	168	540494	9.304	ng	98
56) 4-Nitrophenol	14.657	139	54482	7.522	ng	94
57) 2,4-Dinitrotoluene	14.798	165	93083	8.273	ng	93
58) Fluorene	15.492	166	411120	8.692	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.068	232	103158	8.660	ng	99
60) Diethylphthalate	15.268	149	370777	9.021	ng	98
61) 4-Chlorophenyl-phenyle...	15.486	204	222371	8.610	ng	95
62) 4-Nitroaniline	15.498	138	69493	10.227	ng	96
63) Azobenzene	15.780	77	351412	8.951	ng	98
65) 4,6-Dinitro-2-methylph...	15.563	198	39732	10.052	ng	85
66) n-Nitrosodiphenylamine	15.698	169	315359	8.754	ng	100
67) 4-Bromophenyl-phenylether	16.380	248	119644	8.716	ng	97
68) Hexachlorobenzene	16.498	284	137892	8.933	ng	99
69) Atrazine	16.651	200	89697	11.298	ng	98
70) Pentachlorophenol	16.839	266	70011	7.217	ng	97
71) Phenanthrene	17.227	178	594833	9.010	ng	99
72) Anthracene	17.315	178	554514	8.673	ng	100
73) Carbazole	17.586	167	508267	8.778	ng	99
74) Di-n-butylphthalate	18.156	149	526299	8.293	ng	99
75) Fluoranthene	19.239	202	629945	8.288	ng	98
77) Benzidine	19.427	184	97550	7.702	ng	100
78) Pyrene	19.603	202	660354	8.965	ng	100
80) Butylbenzylphthalate	20.509	149	185369	8.109	ng	99
81) Benzo(a)anthracene	21.403	228	625441	8.882	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	167274	7.296	ng	97
83) Chrysene	21.468	228	597771	8.955	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	285266	8.007	ng	98
85) Di-n-octyl phthalate	22.480	149	407812	7.365	ng	99
87) Indeno(1,2,3-cd)pyrene	27.826	276	604218	8.426	ng	99
88) Benzo(b)fluoranthene	23.486	252	567116	8.451	ng	98
89) Benzo(k)fluoranthene	23.550	252	571705	8.658	ng	100
90) Benzo(a)pyrene	24.291	252	472134	8.376	ng	99
91) Dibenzo(a,h)anthracene	27.891	278	509483	8.527	ng	100
92) Benzo(g,h,i)perylene	28.891	276	519343	8.630	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049708.D
Acq On : 13 Mar 2025 10:21
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025

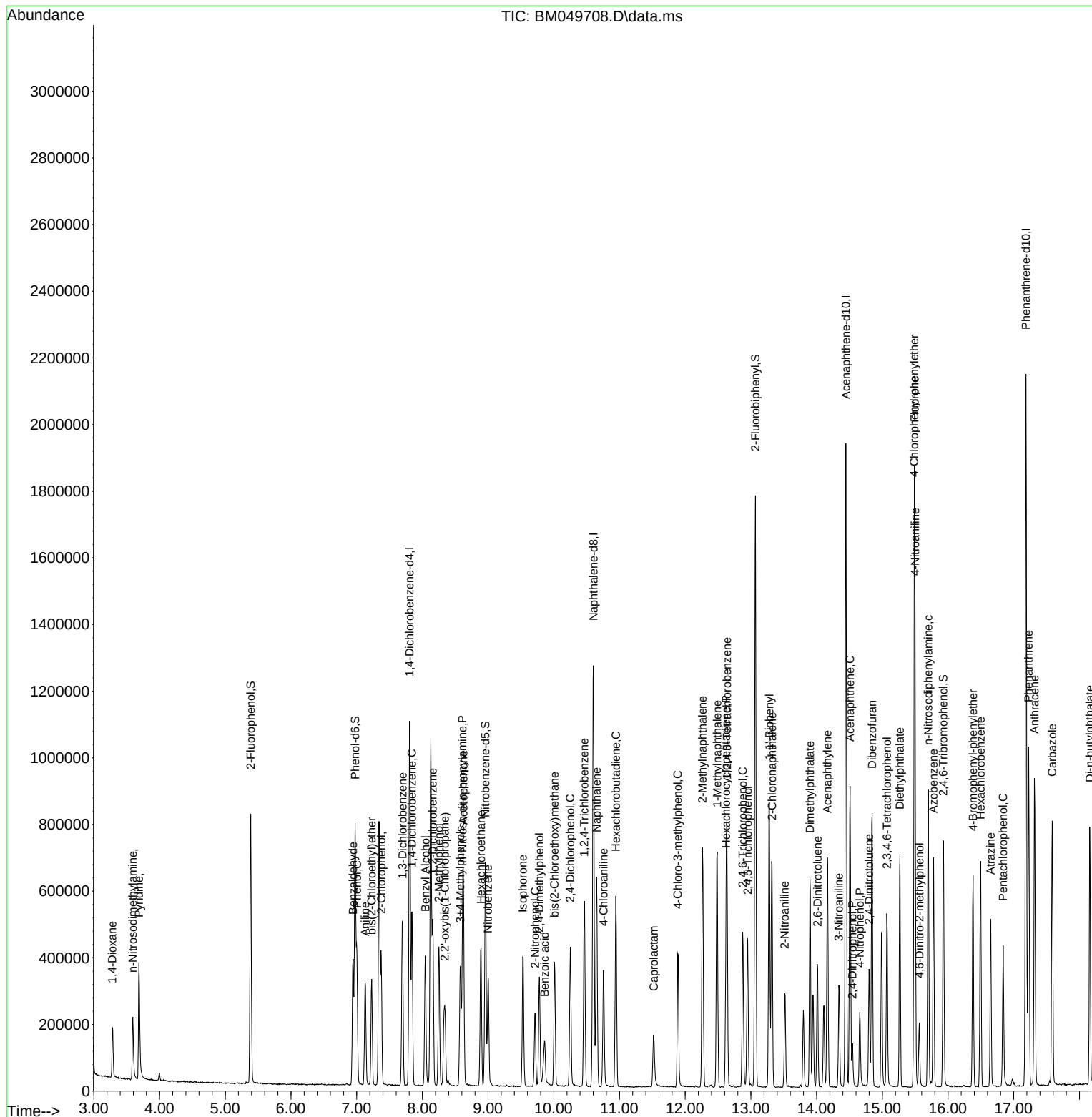
Quant Time: Mar 13 14:40:00 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 13 14:27:21 2025

Response via : Initial Calibration



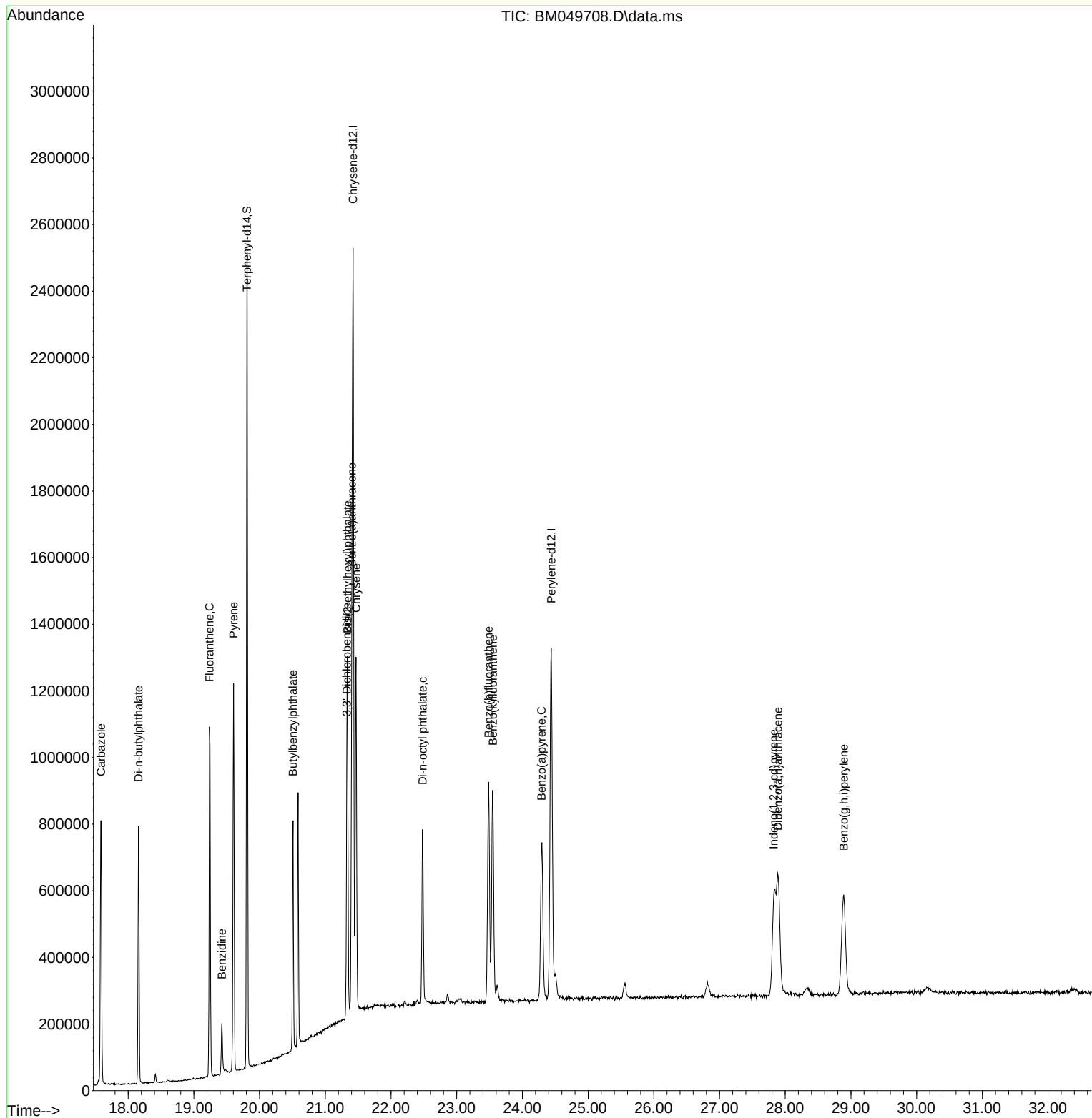
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049708.D
Acq On : 13 Mar 2025 10:21
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

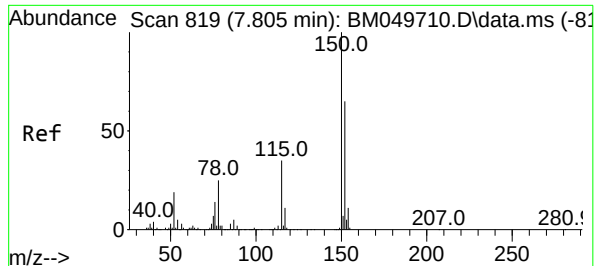
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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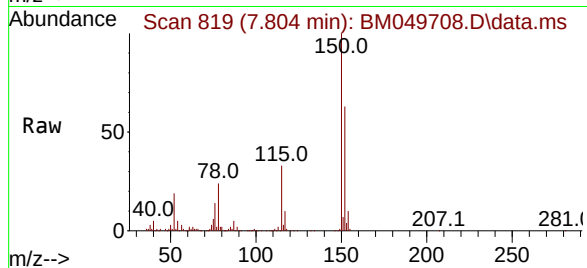
Quant Time: Mar 13 14:40:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.001 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

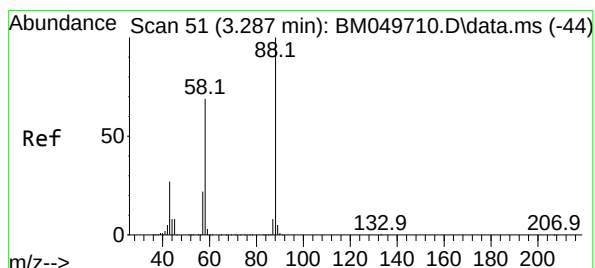
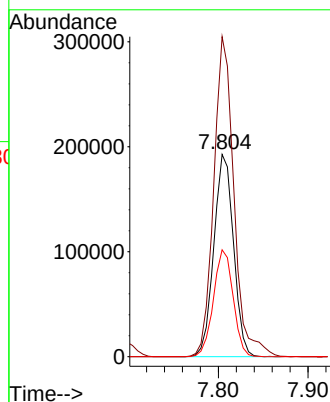
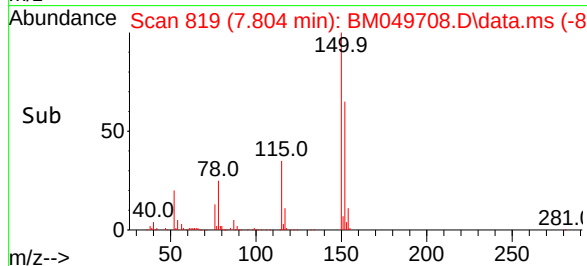
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 293192
Ion Ratio Lower Upper
152 100
150 158.2 123.8 185.8
115 52.9 43.0 64.6

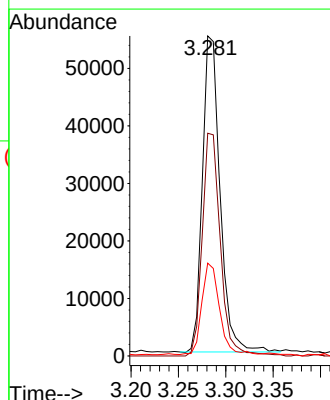
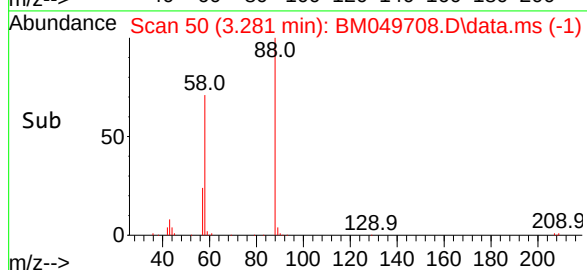
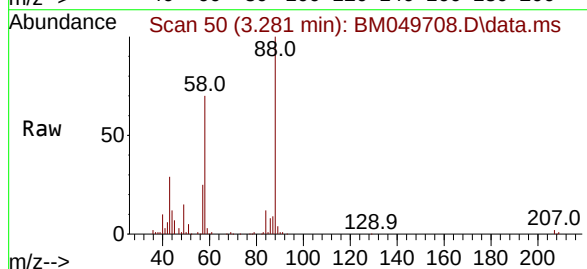
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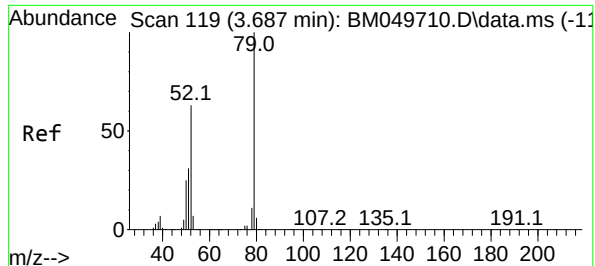
Reviewed By :Anahy Claudio 03/14/2025
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#2
1,4-Dioxane
Concen: 9.459 ng
RT: 3.281 min Scan# 50
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

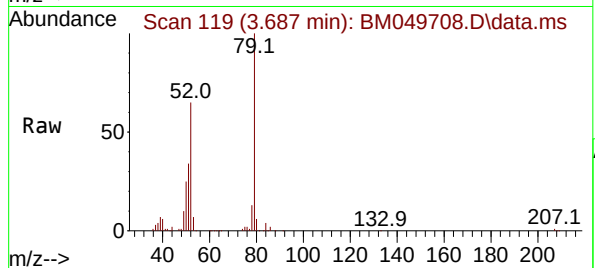
Tgt Ion: 88 Resp: 71151
Ion Ratio Lower Upper
88 100
58 72.0 56.7 85.1
43 28.6 22.6 34.0





#3
Pyridine
Concen: 9.770 ng
RT: 3.687 min Scan# 119
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

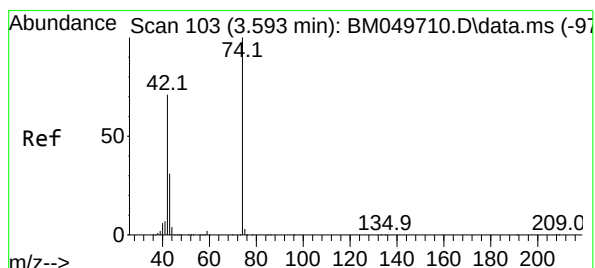
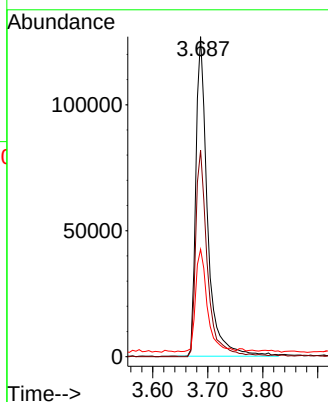
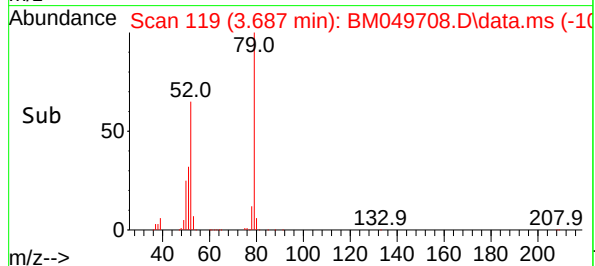
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 18792
Ion Ratio Lower Upper
79 100
52 64.5 50.1 75.1
51 33.5 25.2 37.8

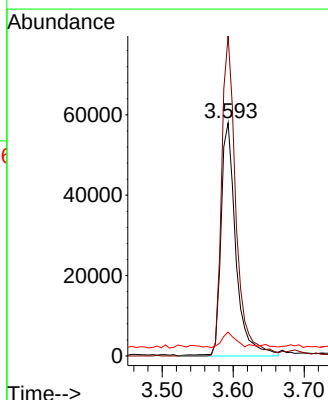
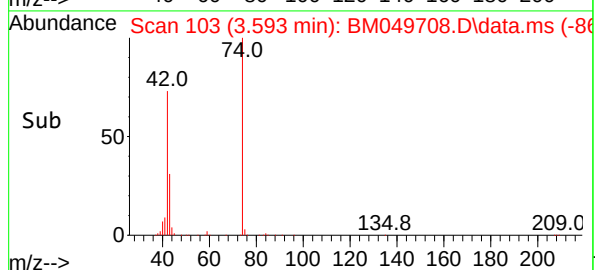
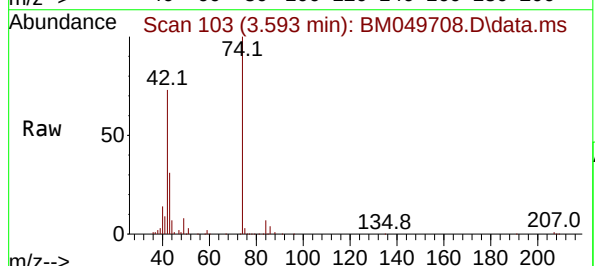
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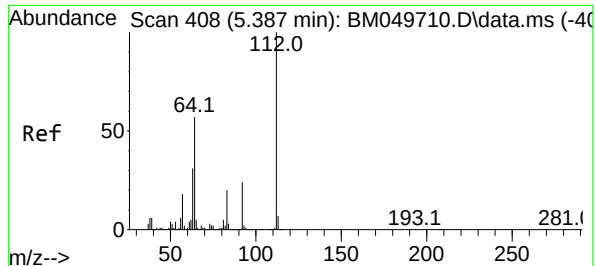
Reviewed By :Anahy Claudio 03/14/2025
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#4
n-Nitrosodimethylamine
Concen: 9.860 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

Tgt Ion: 42 Resp: 83810
Ion Ratio Lower Upper
42 100
74 137.3 112.6 168.8
44 10.2 5.0 7.6





#5

2-Fluorophenol

Concen: 18.418 ng

RT: 5.387 min Scan# 408

Delta R.T. -0.000 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:112 Resp: 32002

Ion Ratio Lower Upper

112 100

64 56.3 45.3 67.9

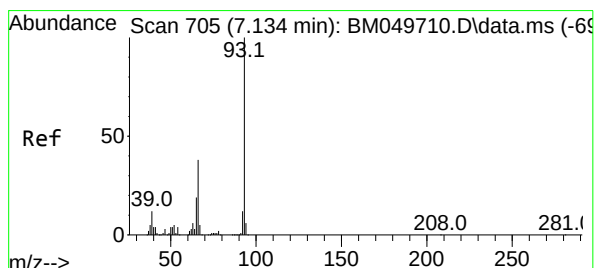
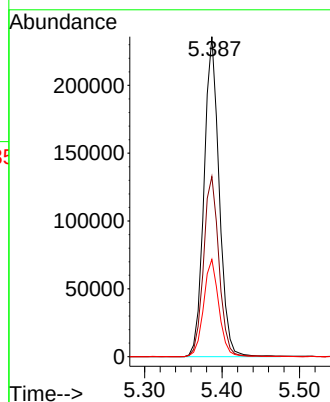
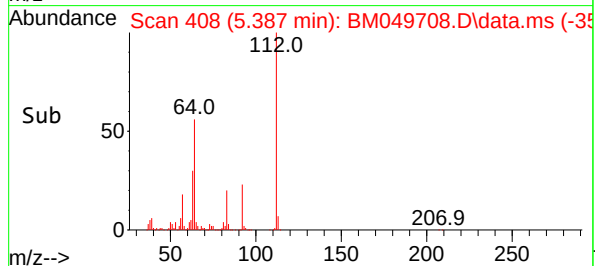
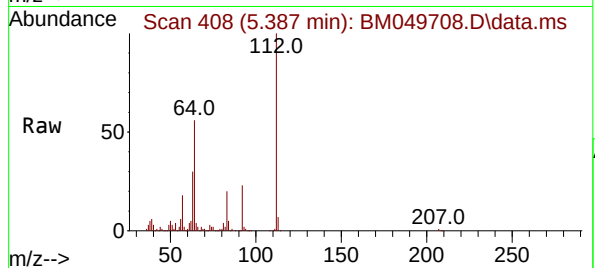
63 30.4 24.4 36.6

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#6

Aniline

Concen: 10.236 ng

RT: 7.128 min Scan# 704

Delta R.T. -0.006 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

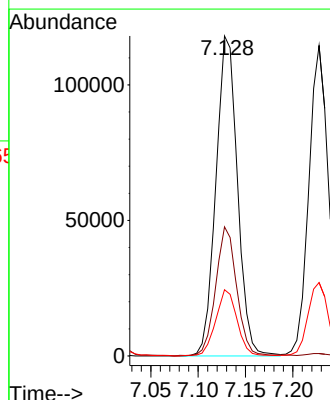
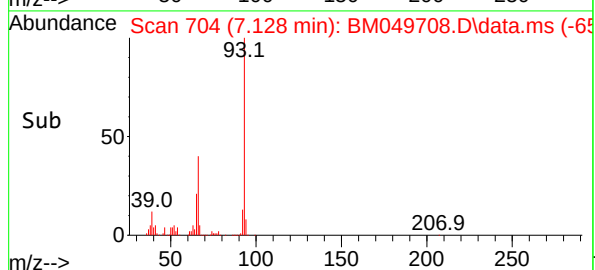
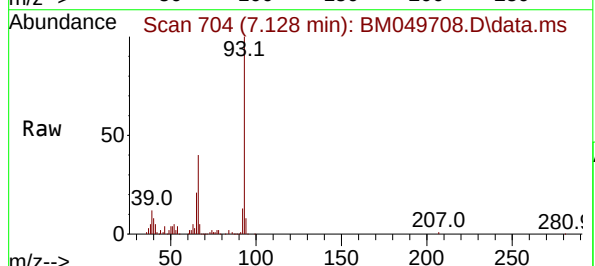
Tgt Ion: 93 Resp: 186993

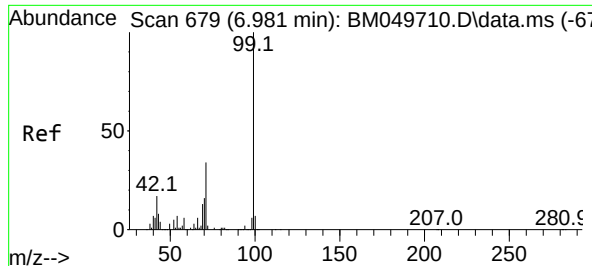
Ion Ratio Lower Upper

93 100

66 40.3 30.6 46.0

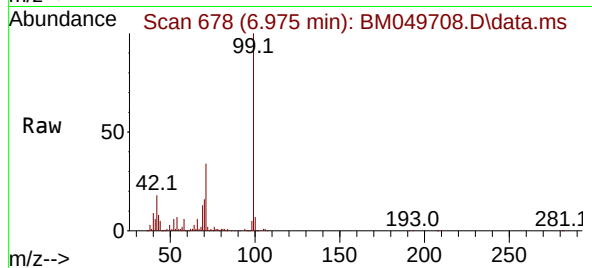
65 20.7 15.4 23.2





#7
Phenol-d6
Concen: 18.597 ng
RT: 6.975 min Scan# 679
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

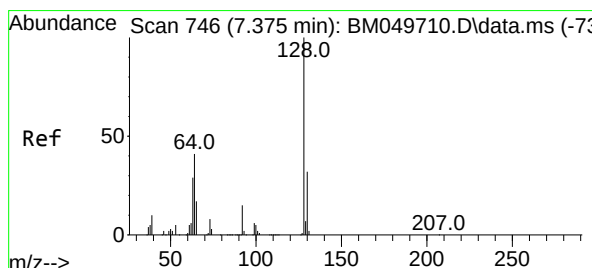
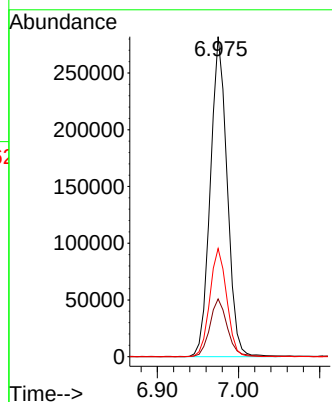
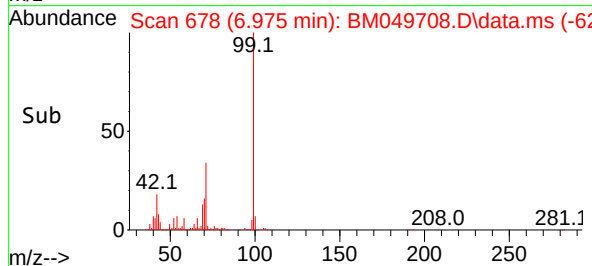
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 405538
Ion Ratio Lower Upper
99 100
42 18.0 13.6 20.4
71 33.8 27.0 40.6

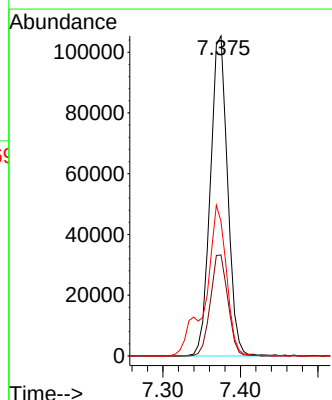
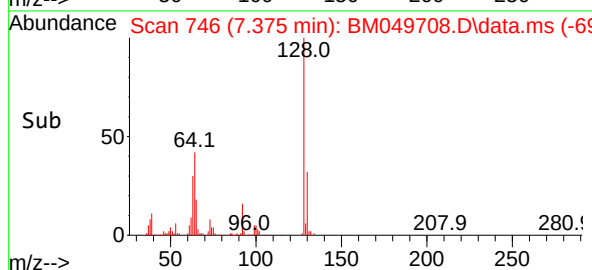
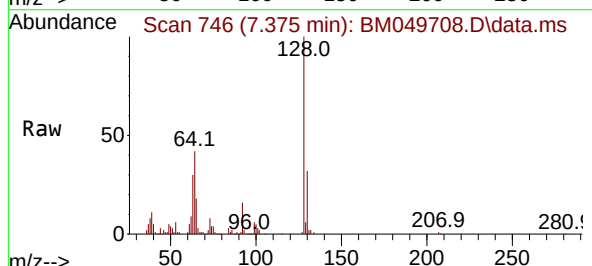
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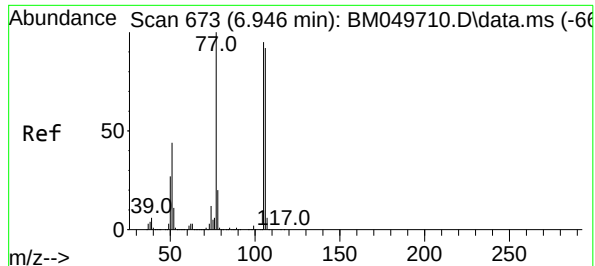
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#8
2-Chlorophenol
Concen: 9.468 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

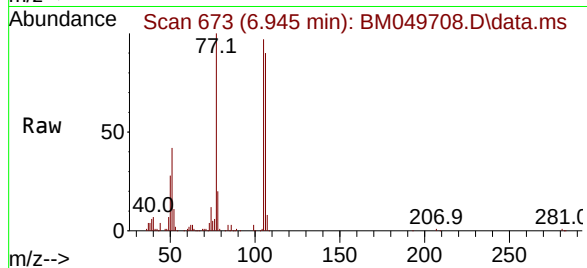
Tgt Ion:128 Resp: 162914
Ion Ratio Lower Upper
128 100
130 31.5 12.5 52.5
64 42.0 24.9 64.9





#9
Benzaldehyde
Concen: 11.753 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.001 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

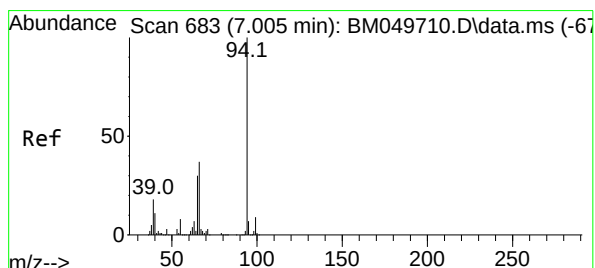
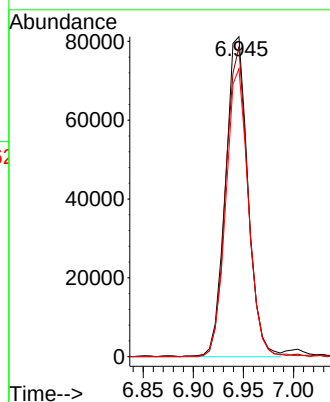
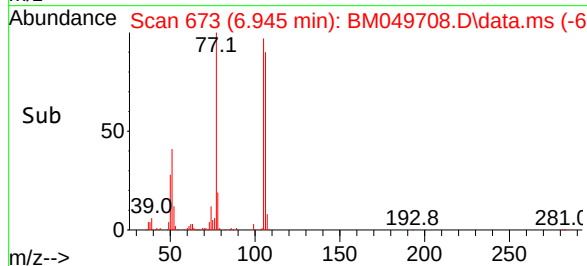
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 12670
Ion Ratio Lower Upper
77 100
105 96.7 75.0 115.0
106 90.0 72.3 112.3

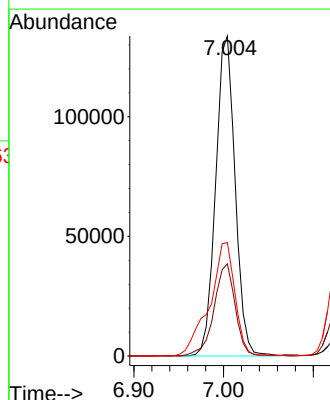
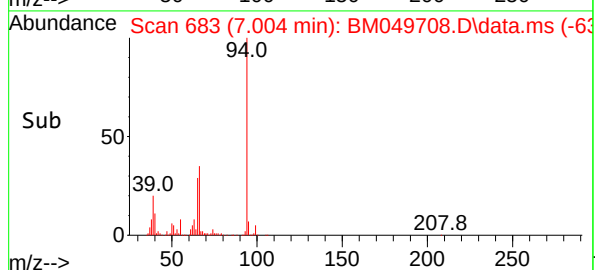
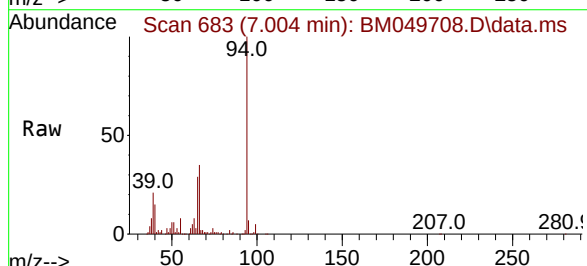
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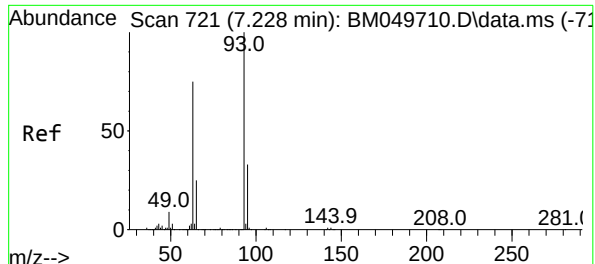
Reviewed By :Anahy Claudio 03/14/2025
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#10
Phenol
Concen: 9.516 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

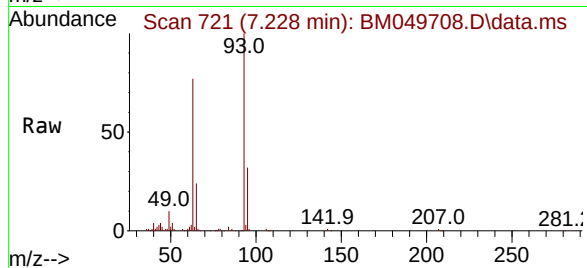
Tgt Ion: 94 Resp: 201202
Ion Ratio Lower Upper
94 100
65 28.8 10.4 50.4
66 35.4 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 9.770 ng
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

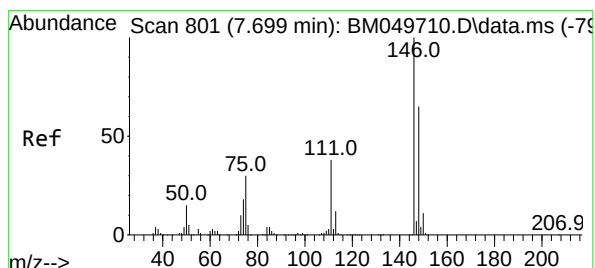
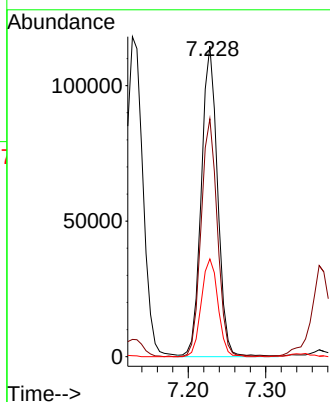
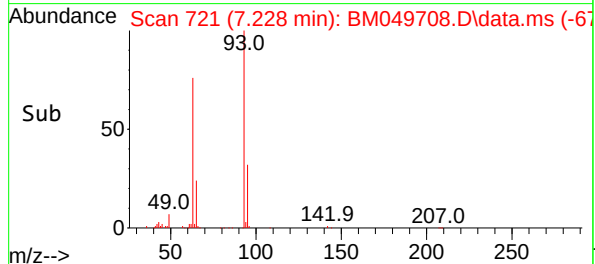
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 93 Resp: 16728
Ion Ratio Lower Upper
93 100
63 76.7 54.8 94.8
95 31.5 12.8 52.8

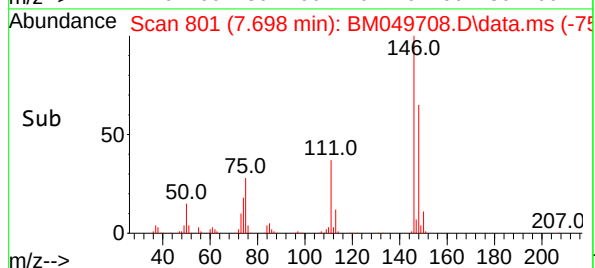
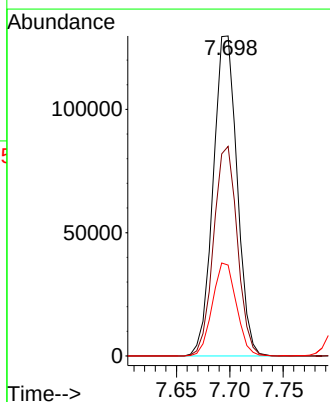
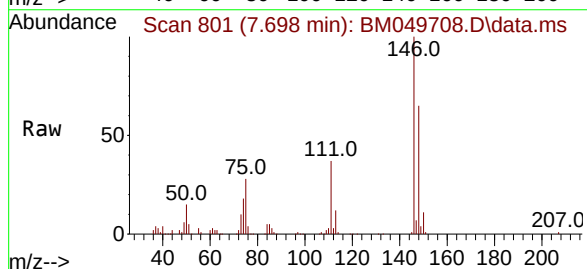
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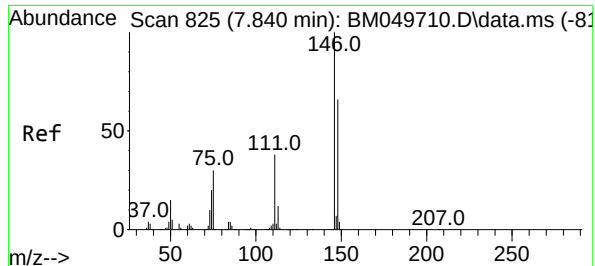
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#12
1,3-Dichlorobenzene
Concen: 9.678 ng
RT: 7.698 min Scan# 801
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

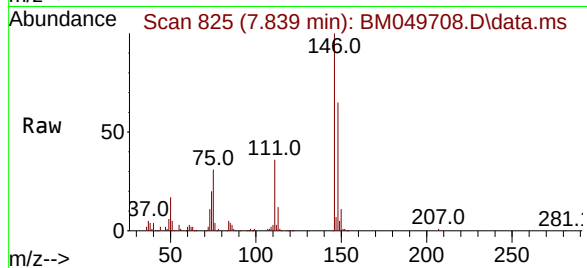
Tgt Ion:146 Resp: 202373
Ion Ratio Lower Upper
146 100
148 65.5 52.3 78.5
75 28.4 24.2 36.2





#13
1,4-Dichlorobenzene
Concen: 9.628 ng
RT: 7.839 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

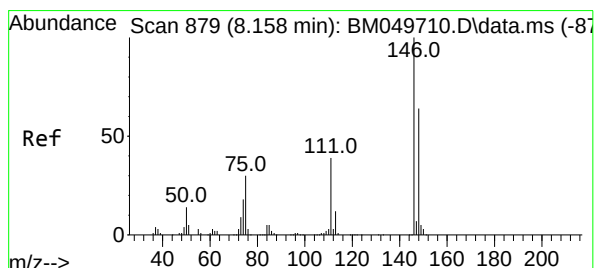
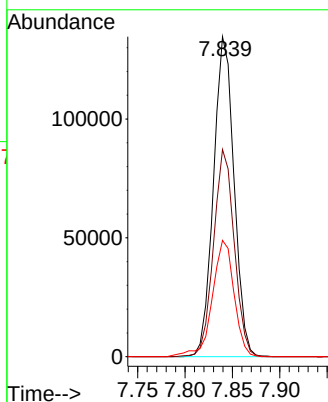
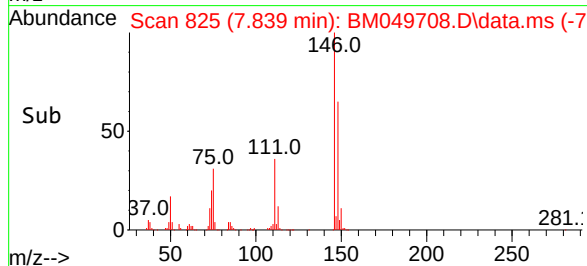
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:146 Resp: 203124
Ion Ratio Lower Upper
146 100
148 64.7 52.6 79.0
111 36.4 30.8 46.2

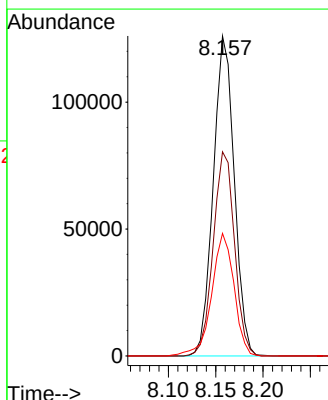
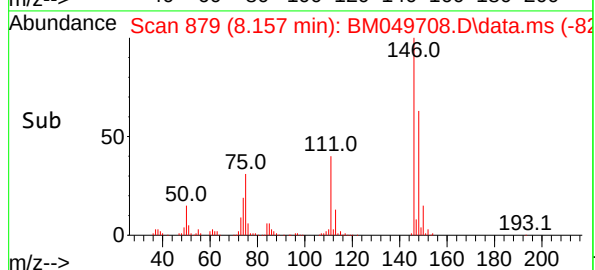
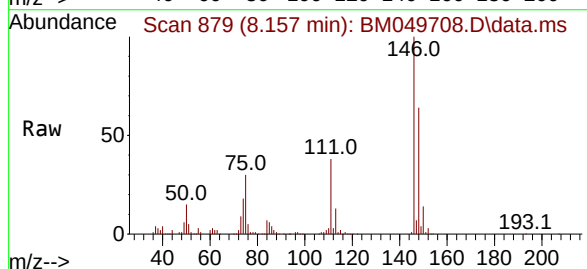
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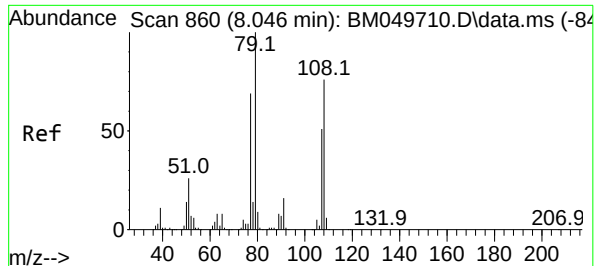
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#14
1,2-Dichlorobenzene
Concen: 9.690 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

Tgt Ion:146 Resp: 194285
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
111 38.3 31.0 46.6





#15

Benzyl Alcohol

Concen: 9.236 ng

RT: 8.045 min Scan# 80

Delta R.T. -0.000 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 126394

Ion Ratio Lower Upper

79 100

108 75.1 60.7 91.1

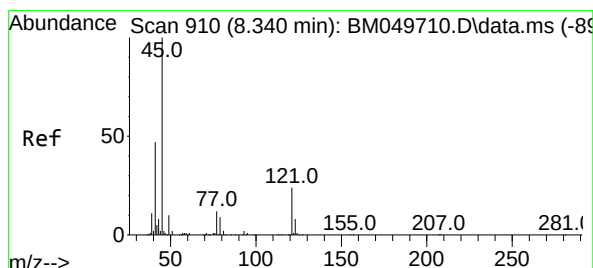
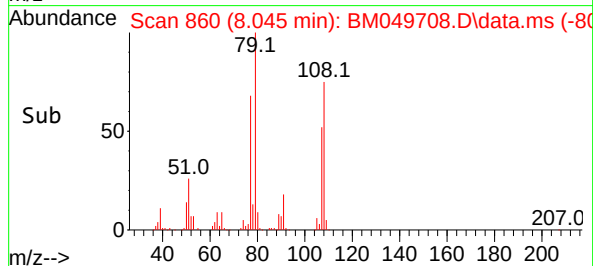
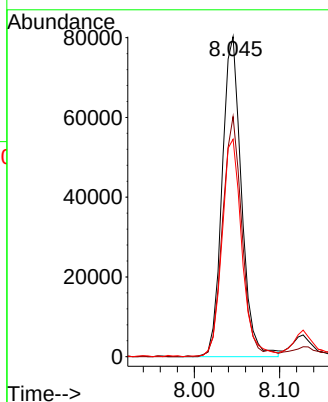
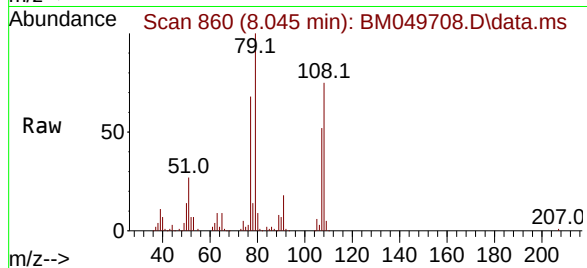
77 68.0 55.4 83.2

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.012 ng

RT: 8.339 min Scan# 910

Delta R.T. -0.000 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

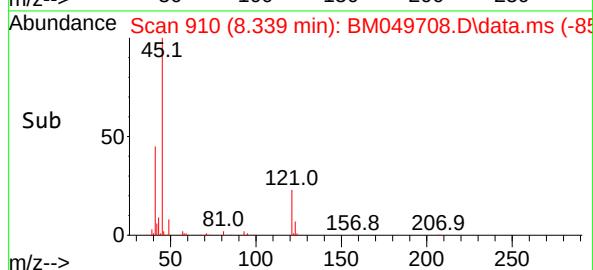
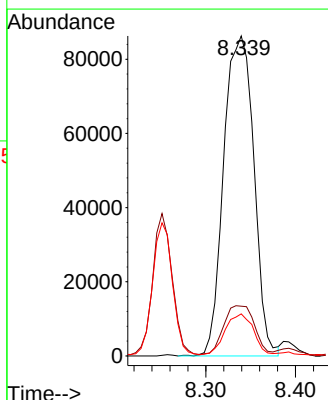
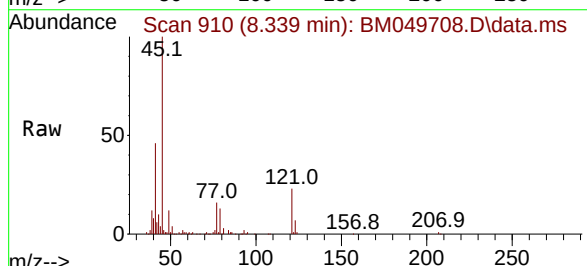
Tgt Ion: 45 Resp: 201491

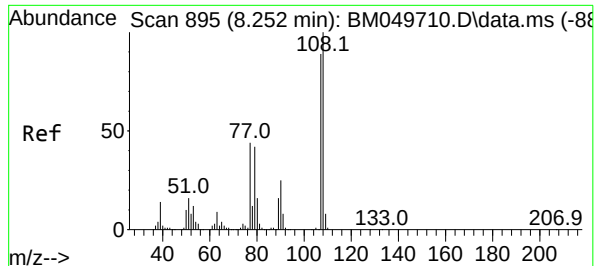
Ion Ratio Lower Upper

45 100

77 15.6 0.0 36.1

79 13.1 0.0 32.8





#17

2-Methylphenol

Concen: 9.405 ng

RT: 8.251 min Scan# 895

Delta R.T. -0.000 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 11805

Ion Ratio Lower Upper

107 100

108 111.2 89.6 134.4

77 49.2 39.8 59.6

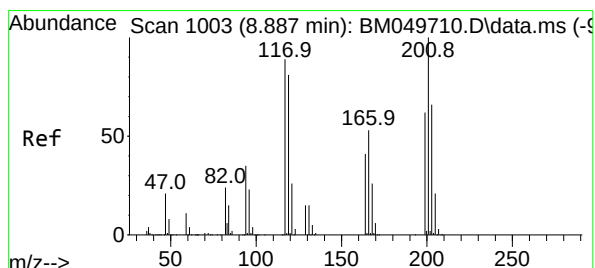
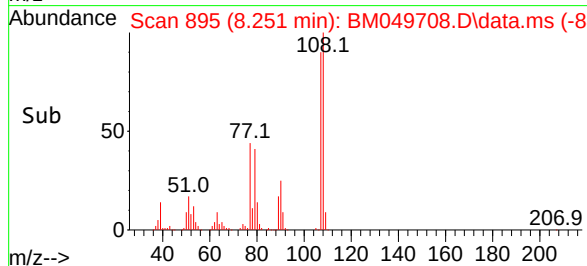
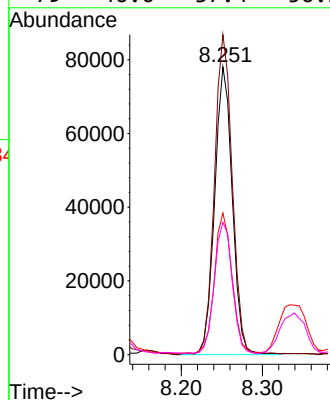
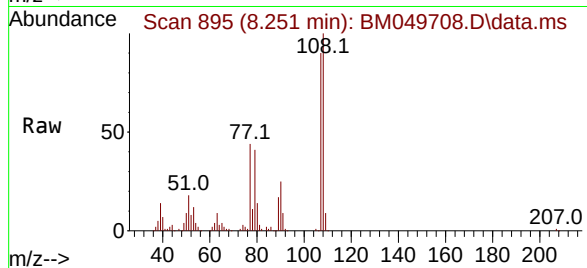
79 46.0 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#18

Hexachloroethane

Concen: 9.597 ng

RT: 8.892 min Scan# 1004

Delta R.T. 0.005 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

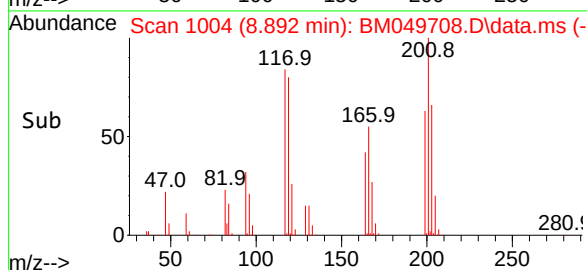
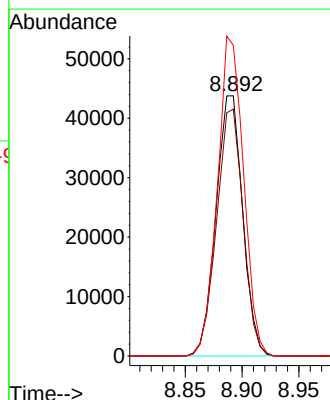
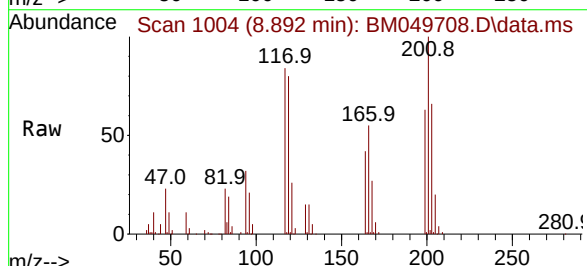
Tgt Ion:117 Resp: 71494

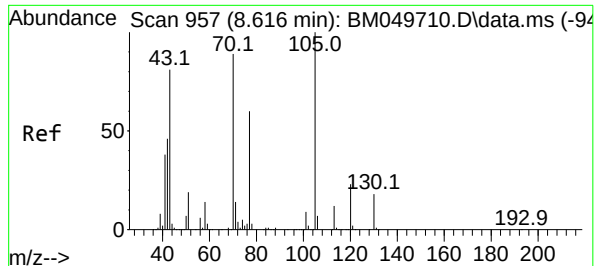
Ion Ratio Lower Upper

117 100

119 94.9 73.1 109.7

201 119.3 90.0 135.0





#19

n-Nitroso-di-n-propylamine

Concen: 9.447 ng

RT: 8.610 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 119458

Ion Ratio Lower Upper

70 100

42 54.1 41.8 62.6

101 9.5 7.7 11.5

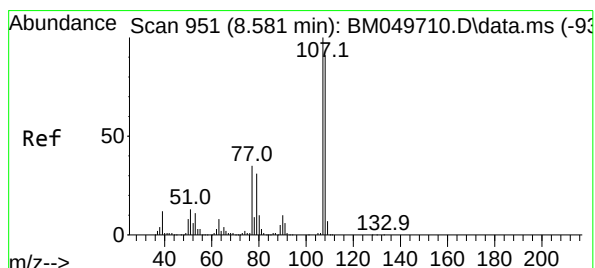
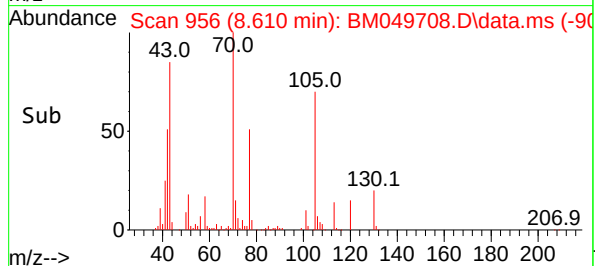
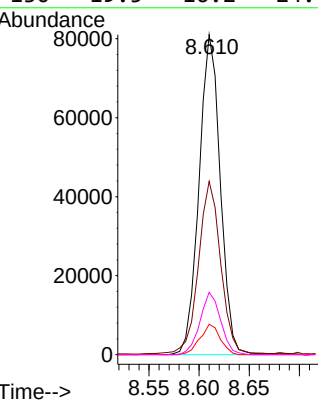
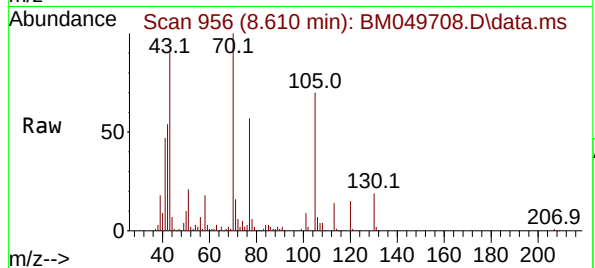
130 19.5 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#20

3+4-Methylphenols

Concen: 9.385 ng

RT: 8.575 min Scan# 950

Delta R.T. -0.006 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

Tgt Ion:107 Resp: 157890

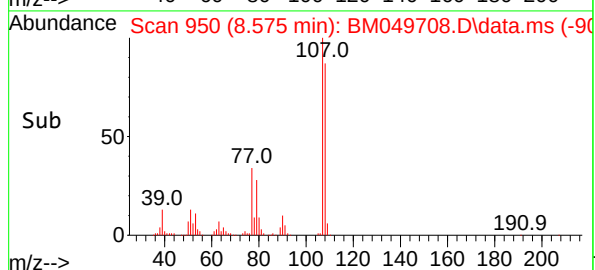
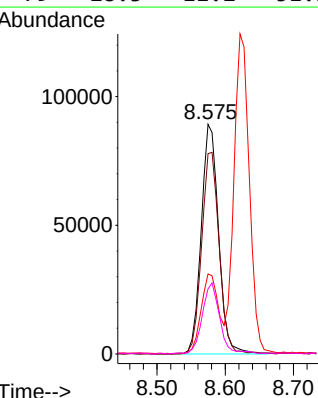
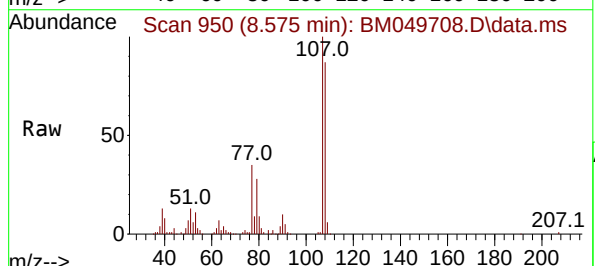
Ion Ratio Lower Upper

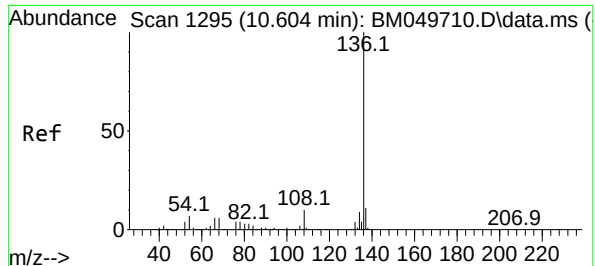
107 100

108 87.2 71.0 111.0

77 34.8 15.1 55.1

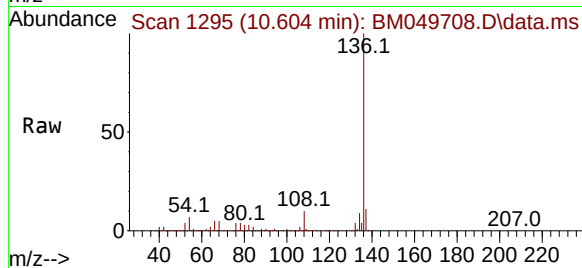
79 28.3 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

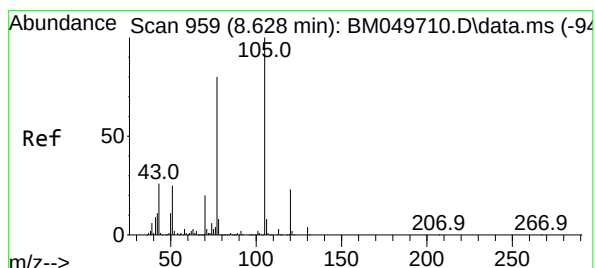
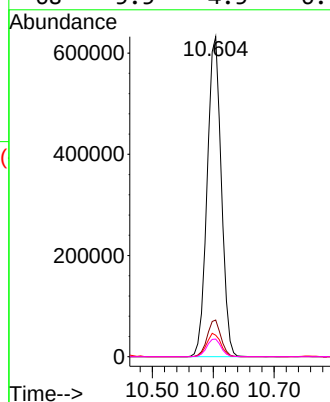
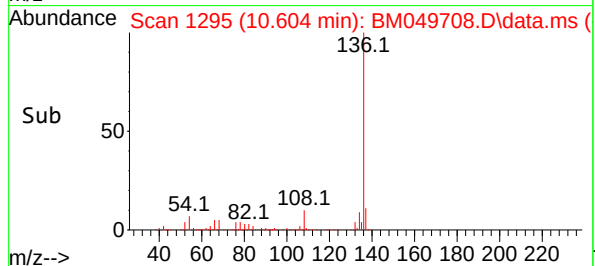
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 1019320
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 6.7 5.8 8.8
68 5.5 4.5 6.7

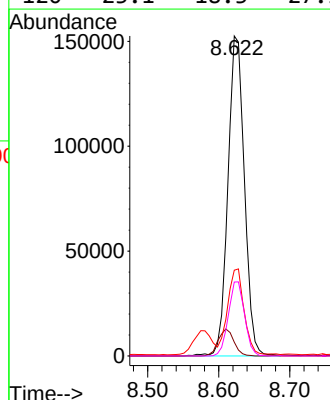
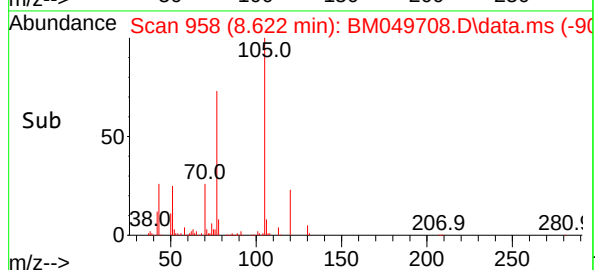
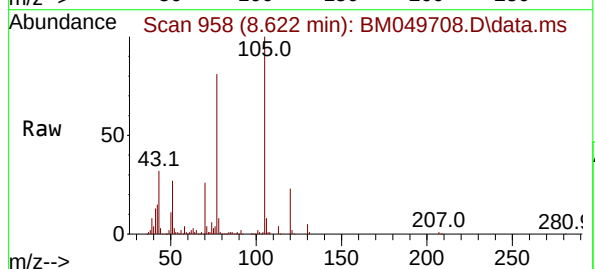
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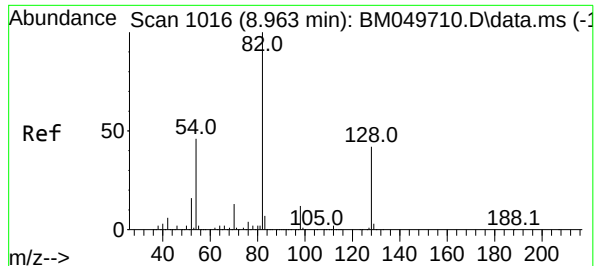
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#22
Acetophenone
Concen: 9.369 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

Tgt Ion:105 Resp: 246249
Ion Ratio Lower Upper
105 100
71 4.3 2.5 3.7#
51 26.8 19.9 29.9
120 23.1 18.3 27.5





#23

Nitrobenzene-d5

Concen: 18.534 ng

RT: 8.957 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 367970

Ion Ratio Lower Upper

82 100

128 38.4 33.4 50.0

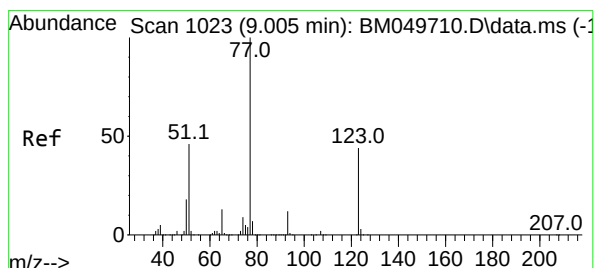
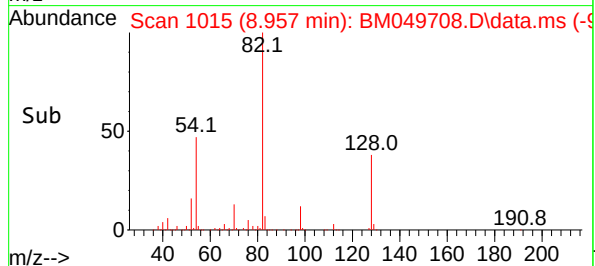
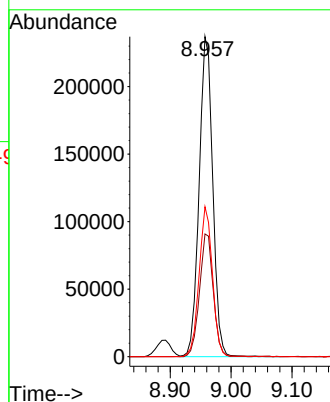
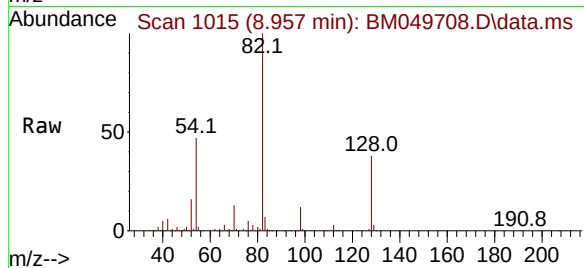
54 46.8 36.4 54.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#24

Nitrobenzene

Concen: 9.273 ng

RT: 8.998 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

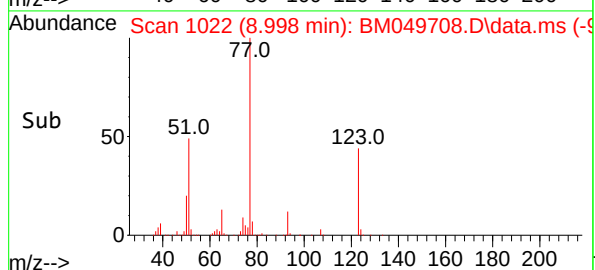
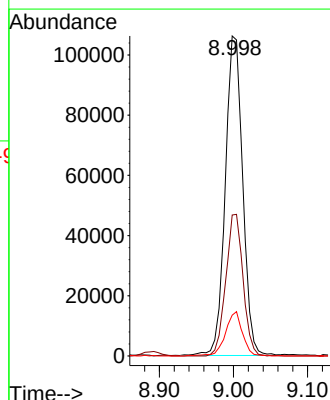
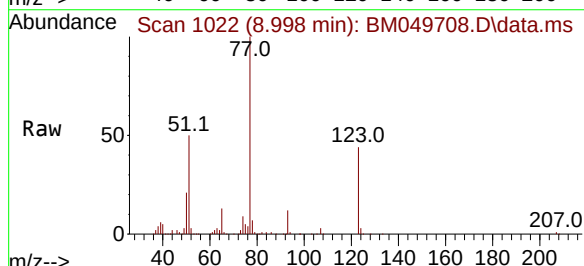
Tgt Ion: 77 Resp: 173589

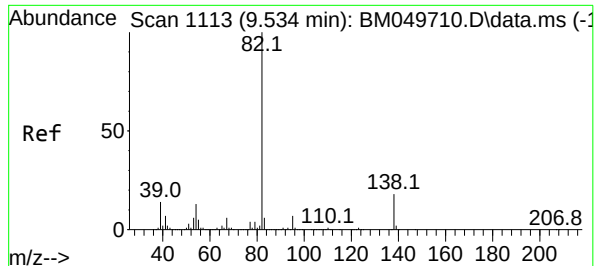
Ion Ratio Lower Upper

77 100

123 44.1 34.9 52.3

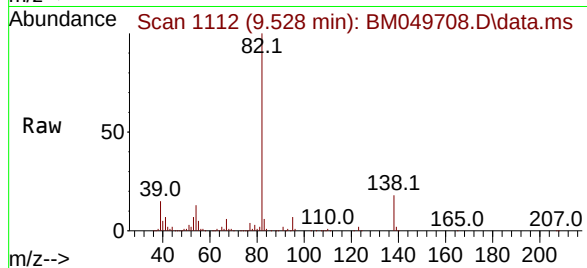
65 12.8 10.6 15.8





#25
Isophorone
Concen: 8.912 ng
RT: 9.528 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

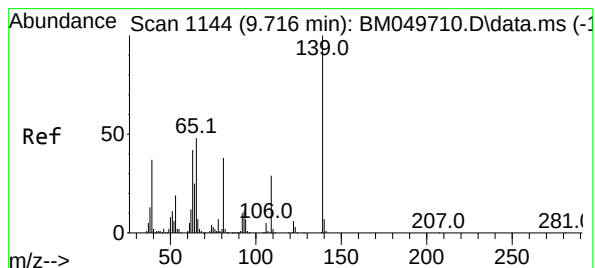
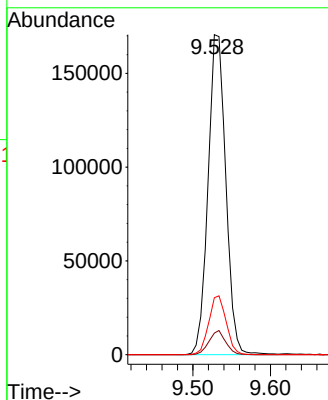
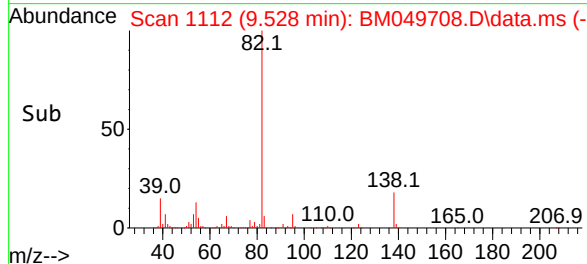
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 271649
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 17.8 14.4 21.6

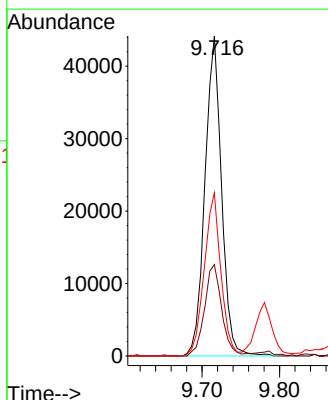
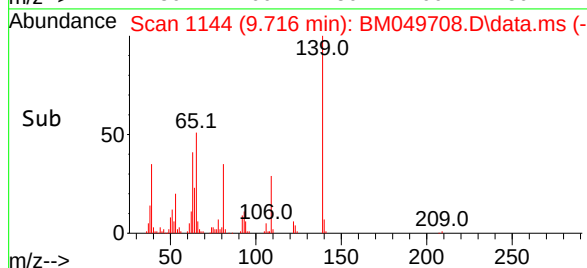
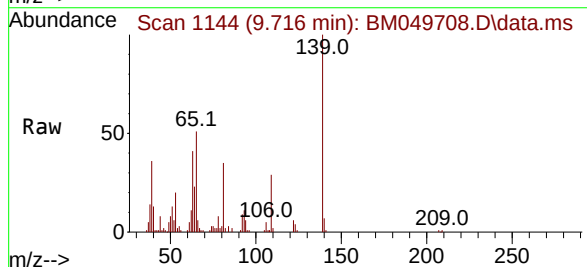
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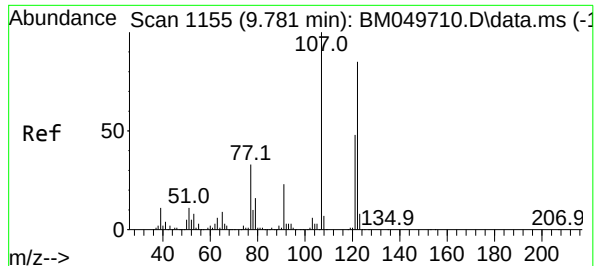
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#26
2-Nitrophenol
Concen: 8.260 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

Tgt Ion:139 Resp: 65814
Ion Ratio Lower Upper
139 100
109 28.5 23.3 34.9
65 51.0 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 8.997 ng

RT: 9.781 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

Instrument :

BNA_M

ClientSampleId :

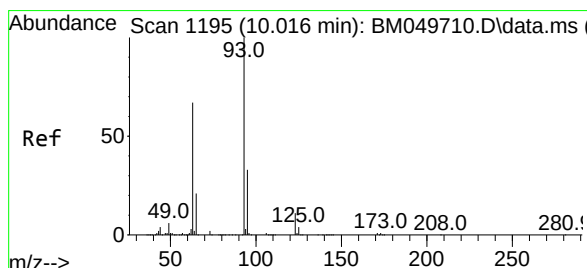
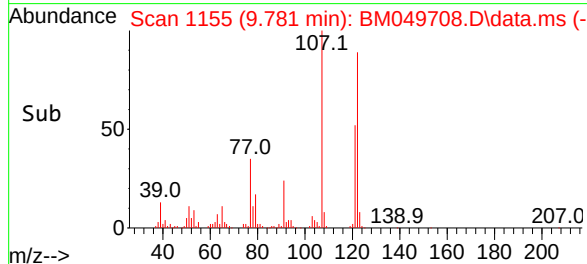
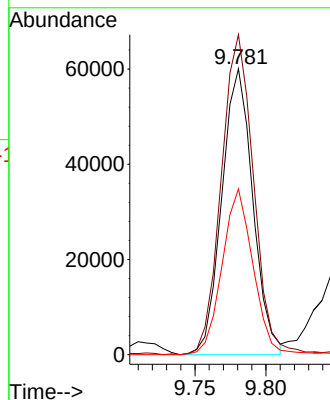
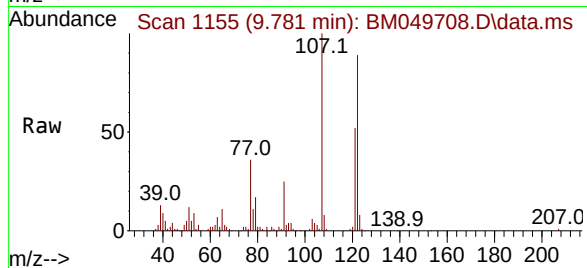
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.9	94.3	141.5
121	58.0	45.4	68.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.224 ng

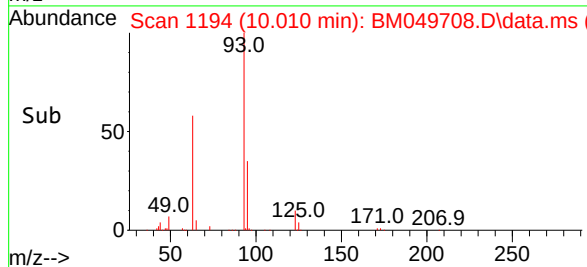
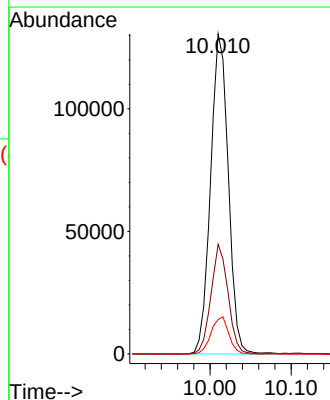
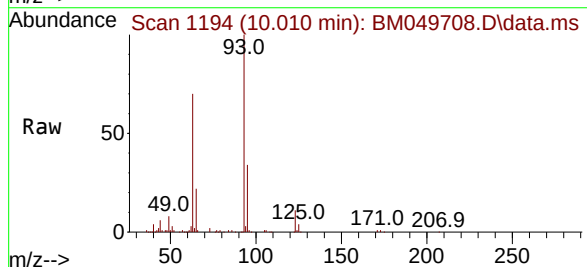
RT: 10.010 min Scan# 1194

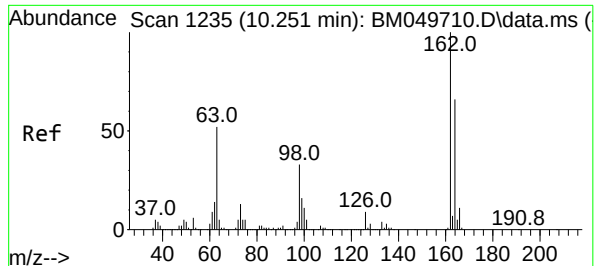
Delta R.T. -0.006 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	26.6	40.0
123	10.8	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 8.915 ng

RT: 10.251 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 147338

Ion Ratio Lower Upper

162 100

164 63.6 46.3 86.3

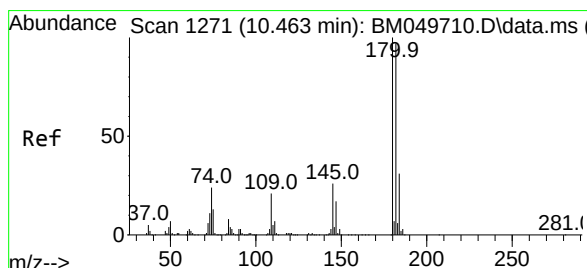
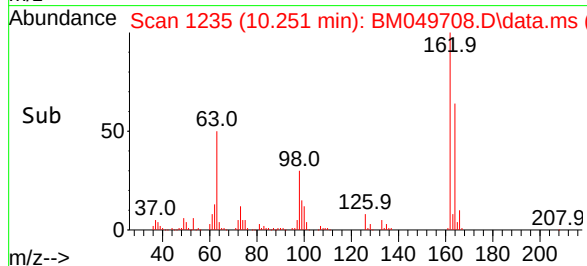
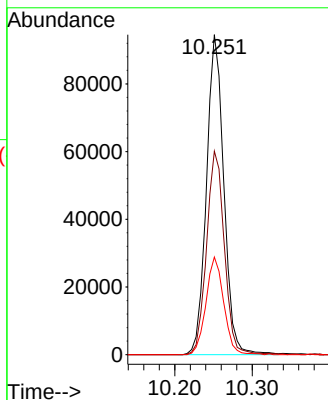
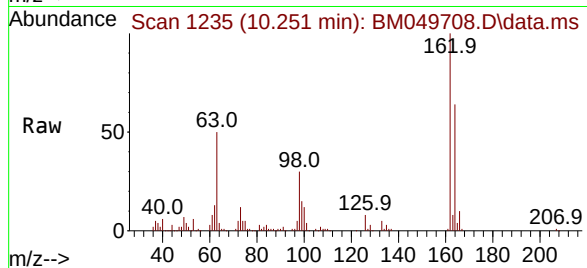
98 30.5 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.274 ng

RT: 10.463 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

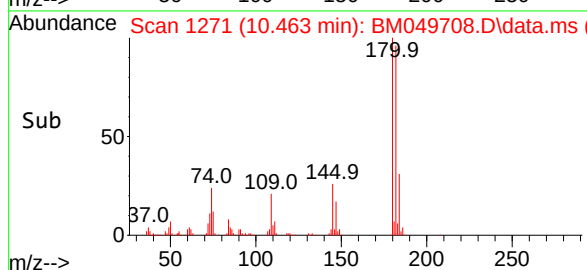
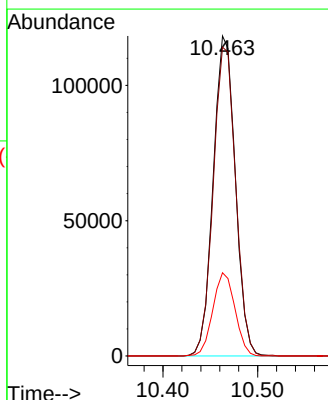
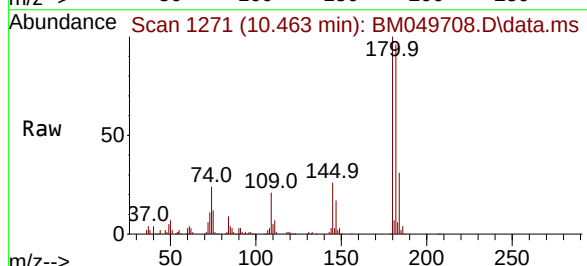
Tgt Ion:180 Resp: 191764

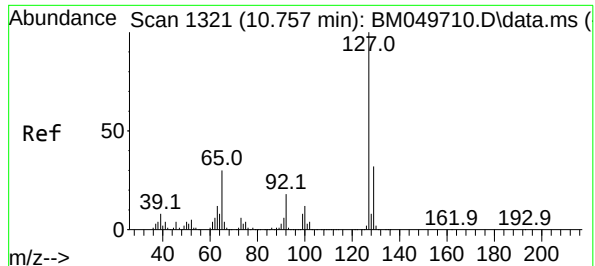
Ion Ratio Lower Upper

180 100

182 96.5 77.7 116.5

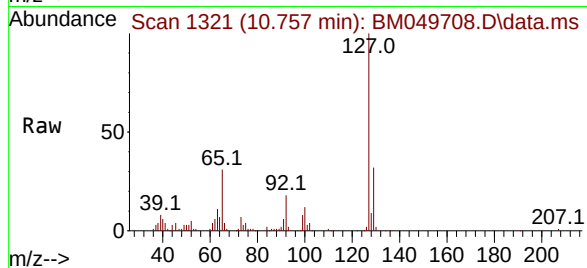
145 26.0 21.0 31.4





#33
4-Chloroaniline
Concen: 9.364 ng
RT: 10.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

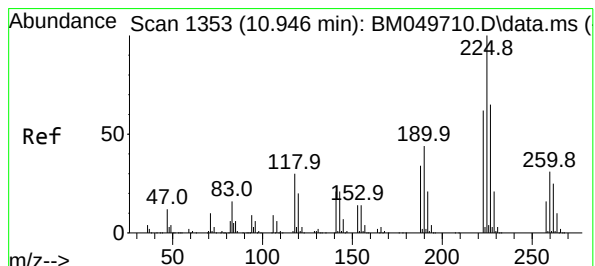
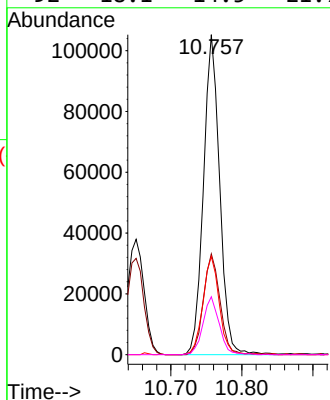
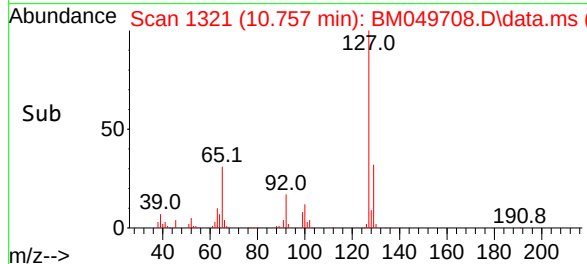
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 16749
Ion Ratio Lower Upper
127 100
129 31.5 25.7 38.5
65 30.7 24.1 36.1
92 18.1 14.5 21.7

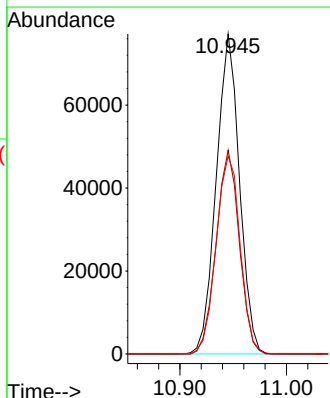
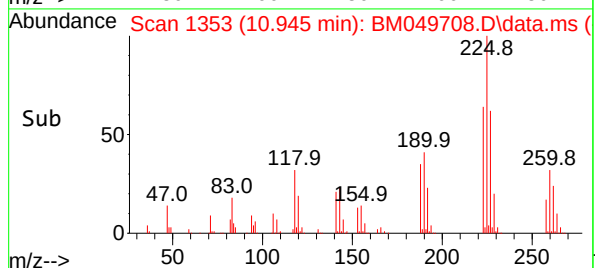
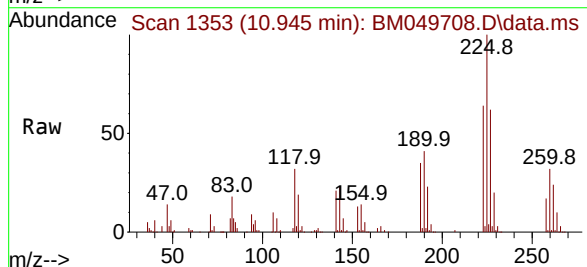
Manual Integrations
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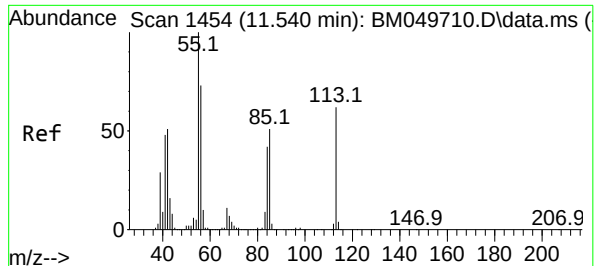
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#34
Hexachlorobutadiene
Concen: 9.127 ng
RT: 10.945 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

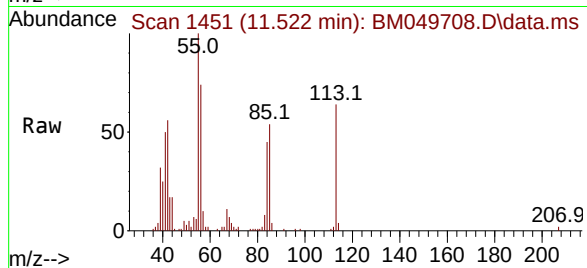
Tgt Ion:225 Resp: 116499
Ion Ratio Lower Upper
225 100
223 63.7 49.8 74.8
227 61.9 52.1 78.1





#35
Caprolactam
Concen: 8.076 ng
RT: 11.522 min Scan# 1451
Delta R.T. -0.018 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

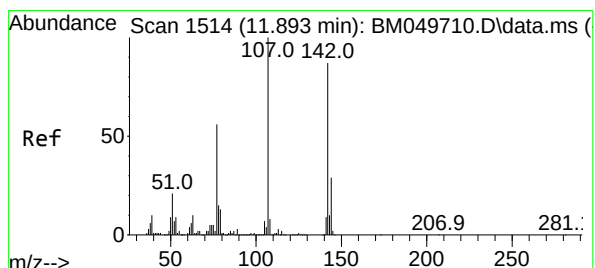
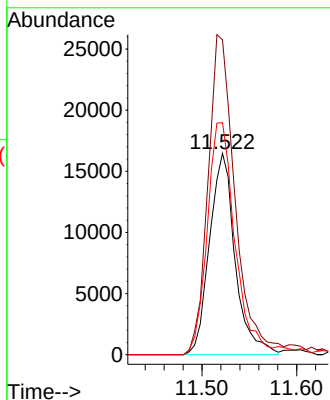
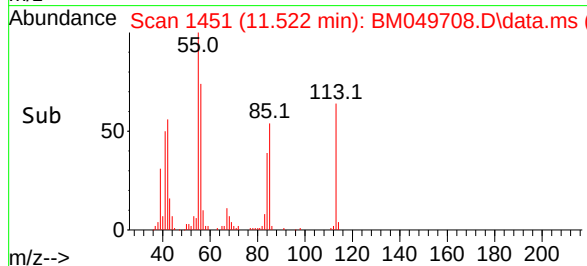
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 30980
Ion Ratio Lower Upper
113 100
55 156.4 141.8 181.8
56 115.3 98.0 138.0

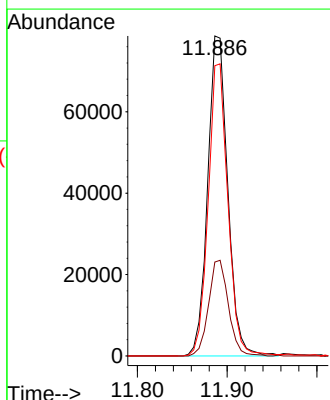
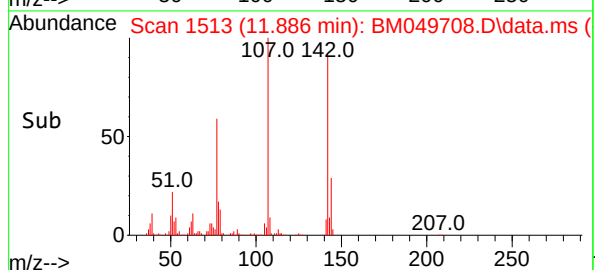
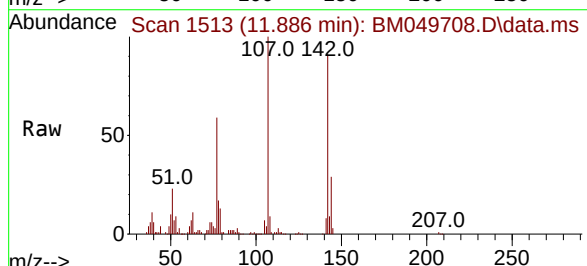
Manual Integrations
APPROVED

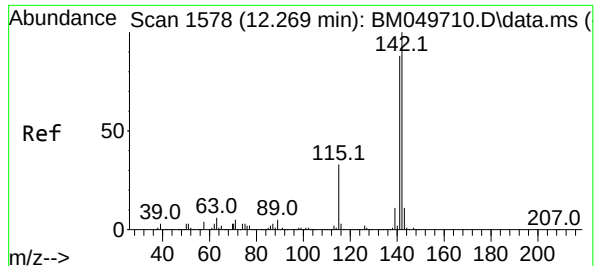
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#36
4-Chloro-3-methylphenol
Concen: 8.624 ng
RT: 11.886 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

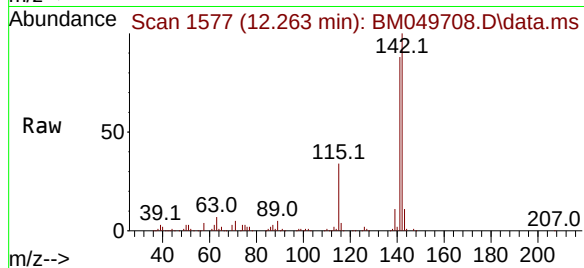
Tgt Ion:107 Resp: 122307
Ion Ratio Lower Upper
107 100
144 29.4 23.0 34.6
142 90.7 69.8 104.8





#37
2-Methylnaphthalene
Concen: 9.122 ng
RT: 12.263 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

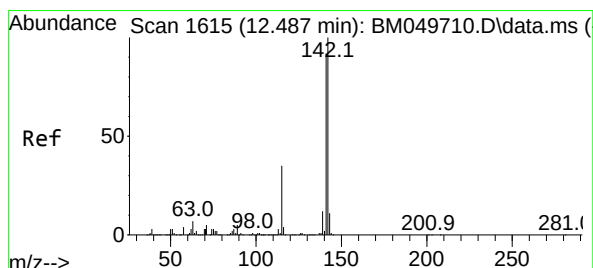
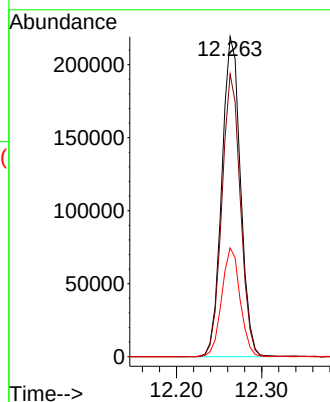
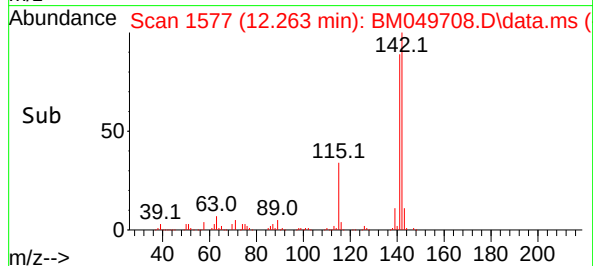
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



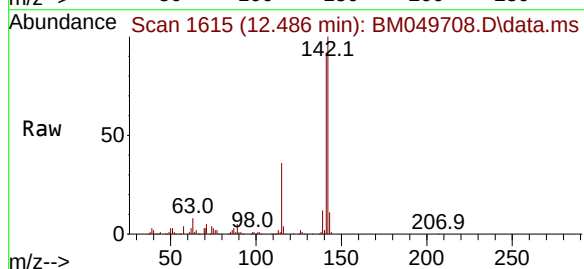
Tgt Ion:142 Resp: 334335
Ion Ratio Lower Upper
142 100
141 88.3 70.5 105.7
115 34.0 26.5 39.7

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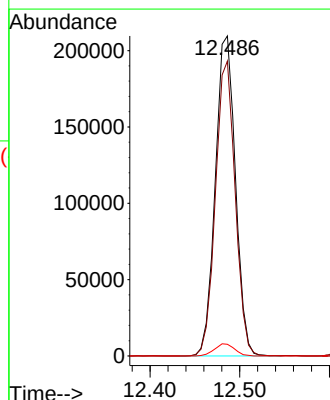
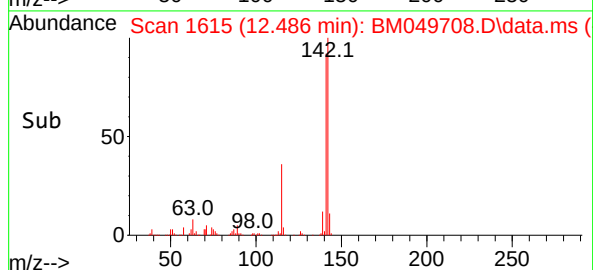
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

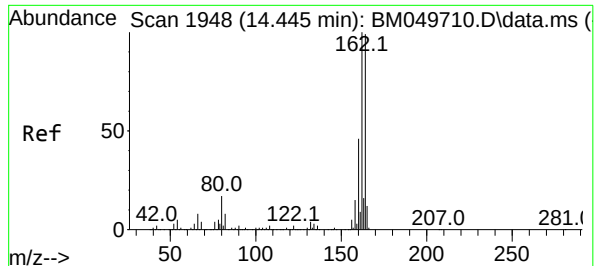


#38
1-Methylnaphthalene
Concen: 9.230 ng
RT: 12.486 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21



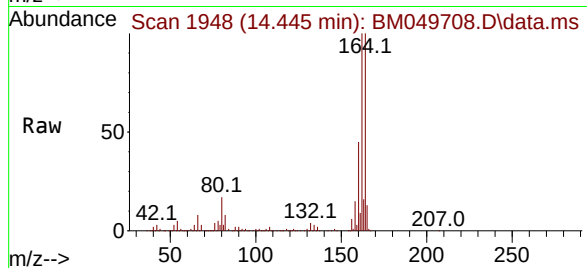
Tgt Ion:142 Resp: 326369
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

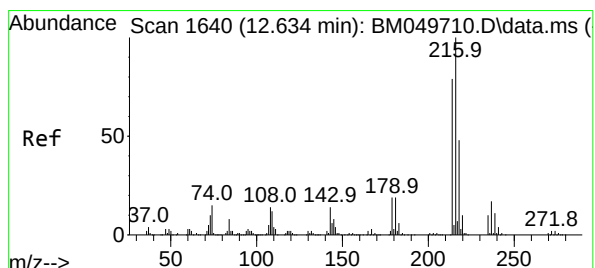
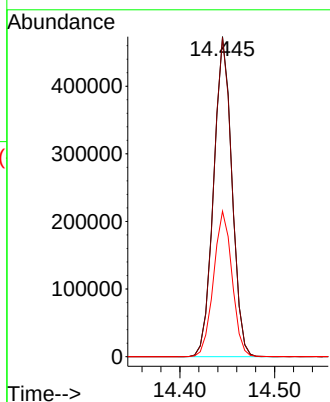
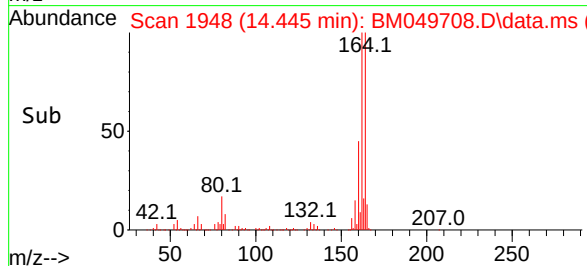
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



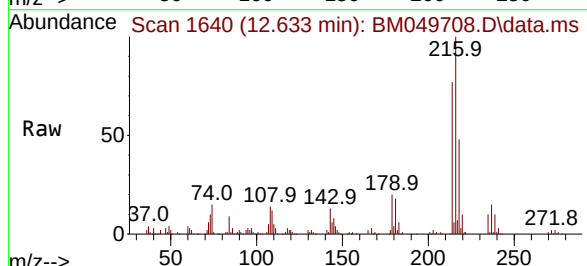
Tgt Ion:164 Resp: 63385
Ion Ratio Lower Upper
164 100
162 99.7 80.5 120.7
160 45.4 36.9 55.3

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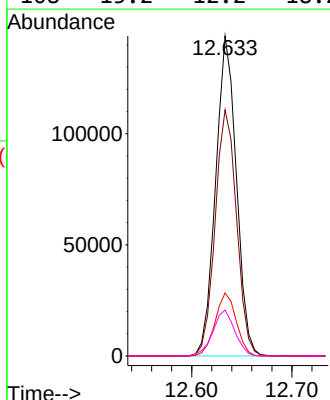
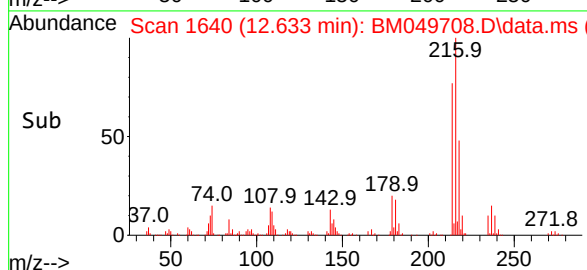
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

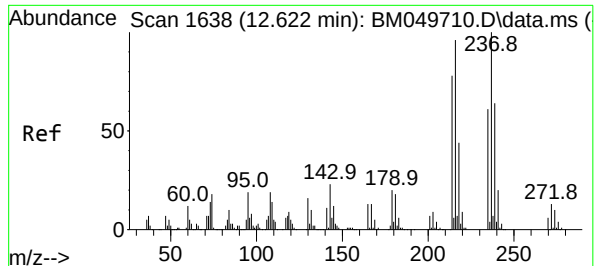


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.882 ng
RT: 12.633 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21



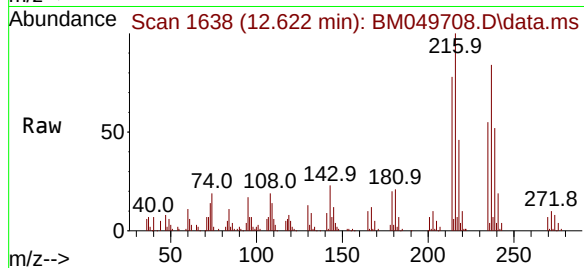
Tgt Ion:216 Resp: 206804
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 20.0 15.7 23.5
108 15.2 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 8.512 ng
RT: 12.622 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

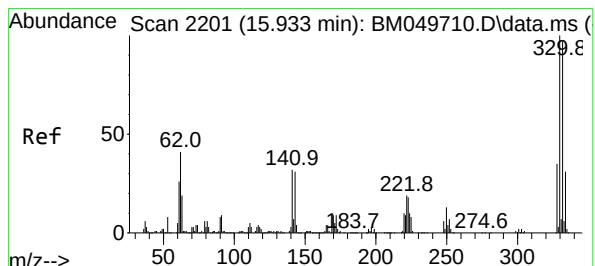
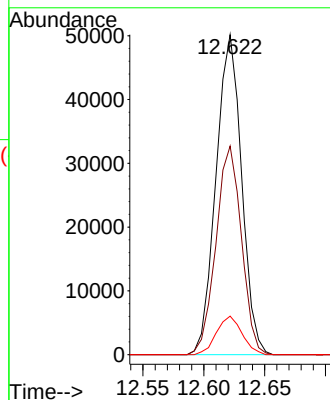
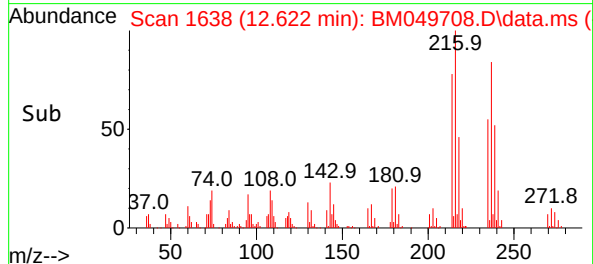
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



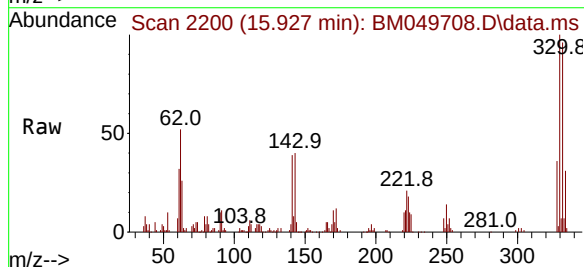
Tgt Ion:237 Resp: 7341
Ion Ratio Lower Upper
237 100
235 65.2 41.1 81.1
272 12.0 0.0 32.5

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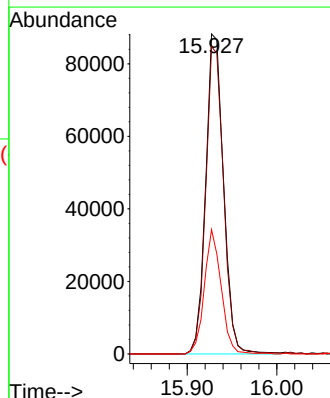
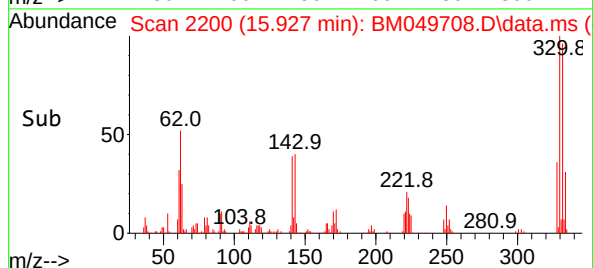
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

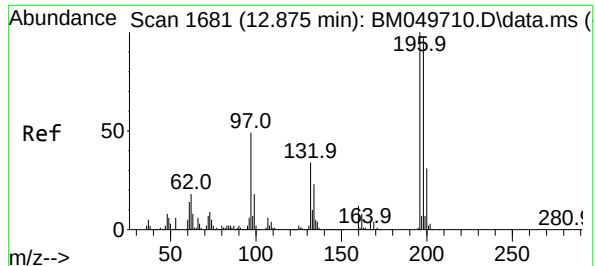


#42
2,4,6-Tribromophenol
Concen: 16.510 ng
RT: 15.927 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21



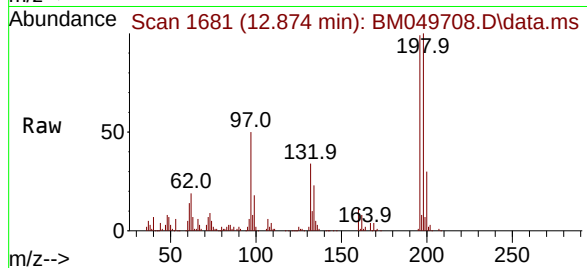
Tgt Ion:330 Resp: 122197
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 36.5 27.8 41.6





#43
2,4,6-Trichlorophenol
Concen: 8.368 ng
RT: 12.874 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

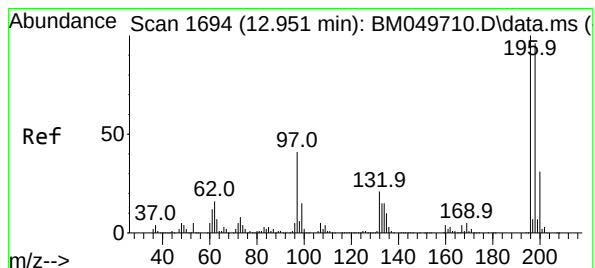
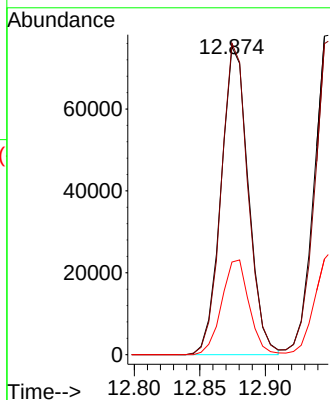
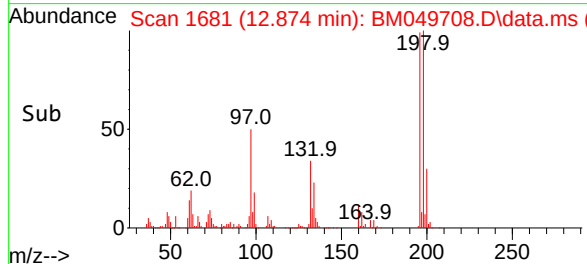
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:196 Resp: 109119
Ion Ratio Lower Upper
196 100
198 101.1 78.3 117.5
200 30.1 25.1 37.7

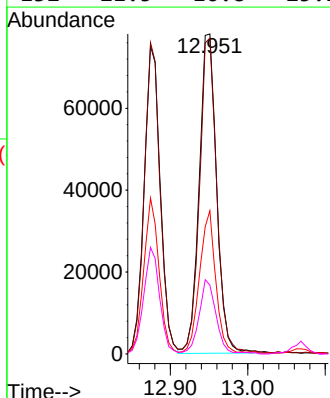
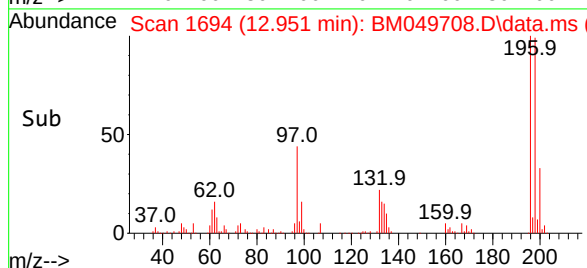
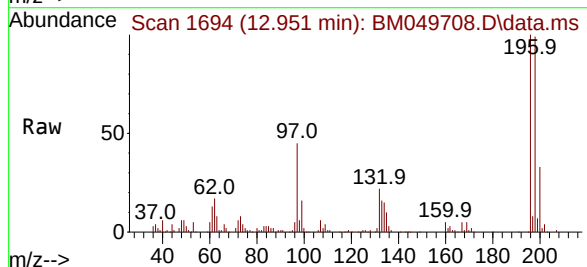
Manual Integrations
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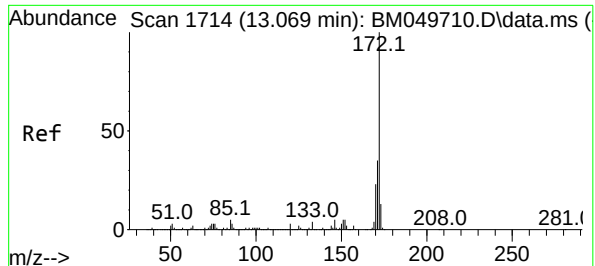
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#44
2,4,5-Trichlorophenol
Concen: 8.585 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

Tgt Ion:196 Resp: 122162
Ion Ratio Lower Upper
196 100
198 98.7 76.7 115.1
97 44.8 32.9 49.3
132 21.5 16.8 25.2





#45

2-Fluorobiphenyl

Concen: 17.773 ng

RT: 13.069 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 899550

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

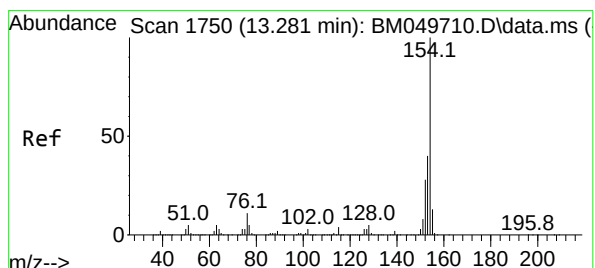
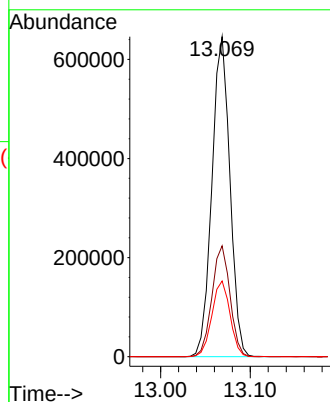
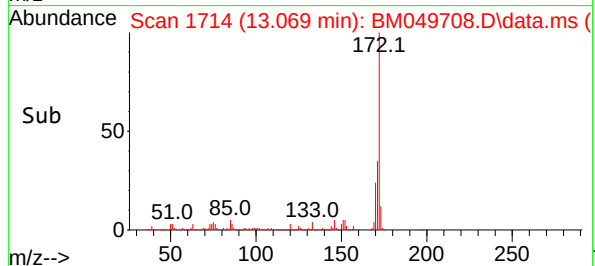
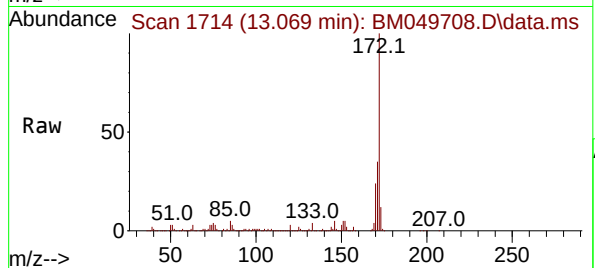
170 23.6 18.6 28.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#46

1,1'-Biphenyl

Concen: 9.078 ng

RT: 13.280 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

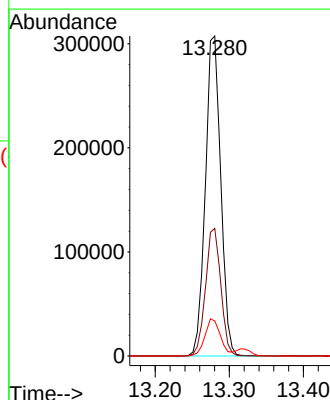
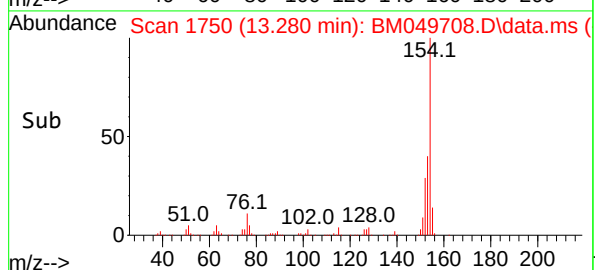
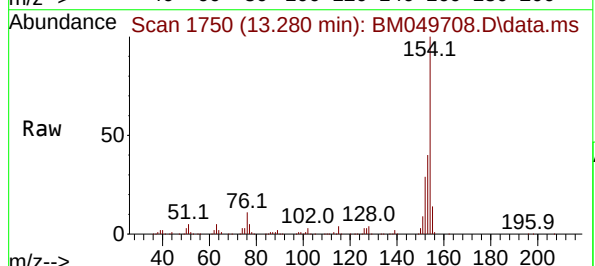
Tgt Ion:154 Resp: 443501

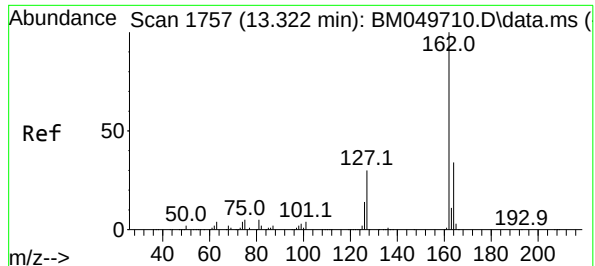
Ion Ratio Lower Upper

154 100

153 39.9 19.7 59.7

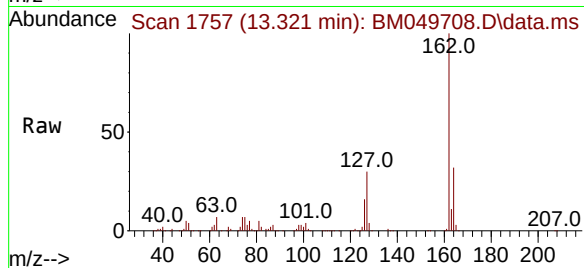
76 10.9 0.0 31.2





#47
2-Chloronaphthalene
Concen: 9.294 ng
RT: 13.321 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

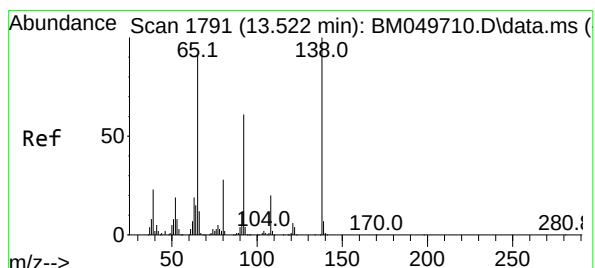
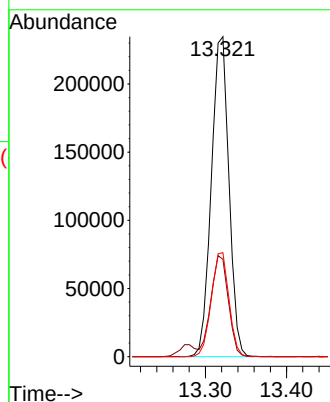
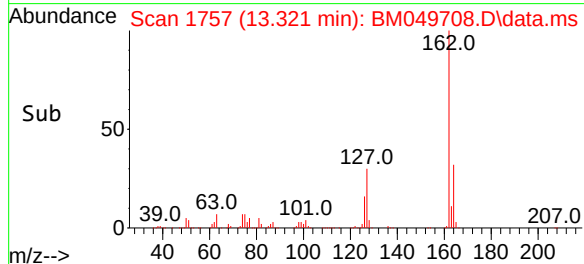
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:162 Resp: 35340
Ion Ratio Lower Upper
162 100
127 30.5 25.8 38.6
164 32.5 27.1 40.7

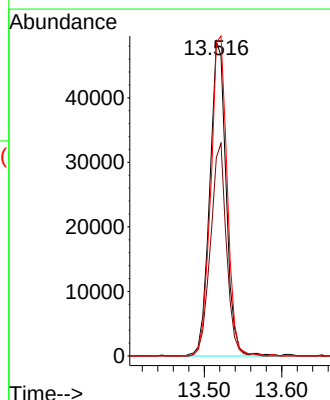
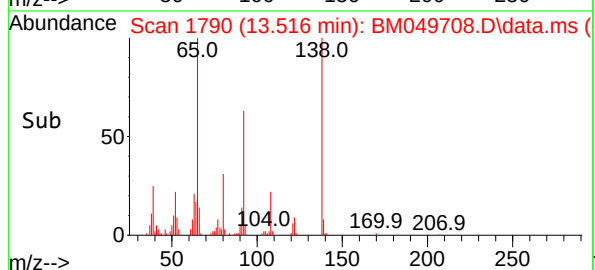
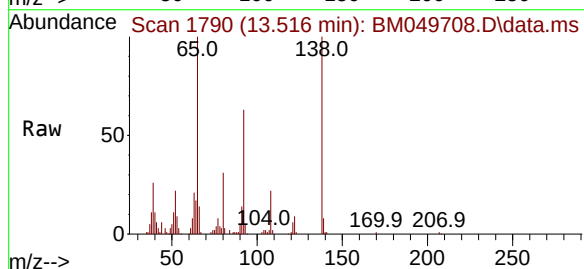
Manual Integrations
APPROVED

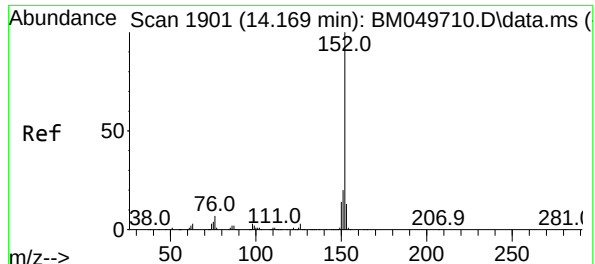
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#48
2-Nitroaniline
Concen: 8.352 ng
RT: 13.516 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

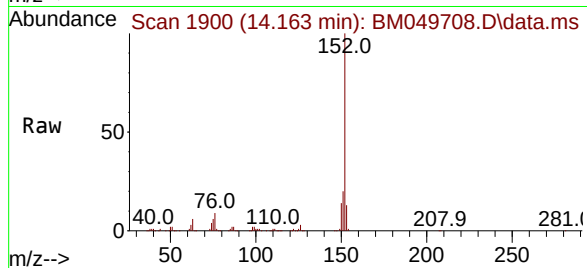
Tgt Ion: 65 Resp: 71291
Ion Ratio Lower Upper
65 100
92 63.2 53.4 80.2
138 99.6 87.6 131.4





#49
Acenaphthylene
Concen: 8.955 ng
RT: 14.163 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

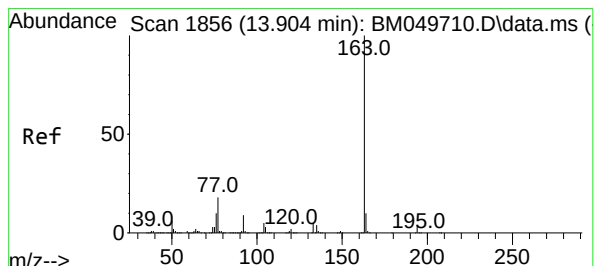
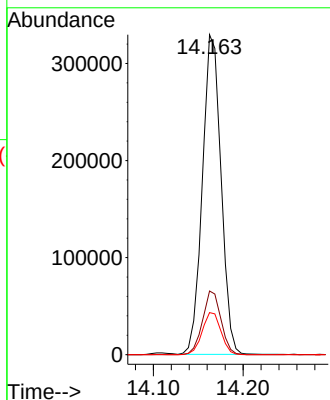
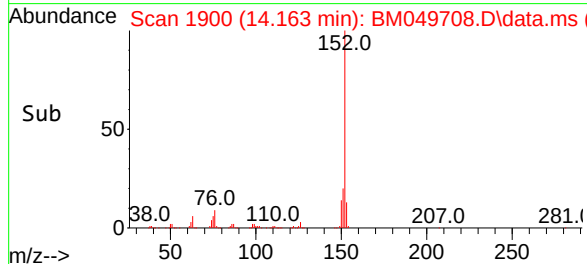
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 475985
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.2 10.2 15.4

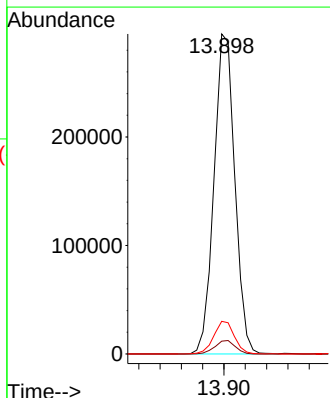
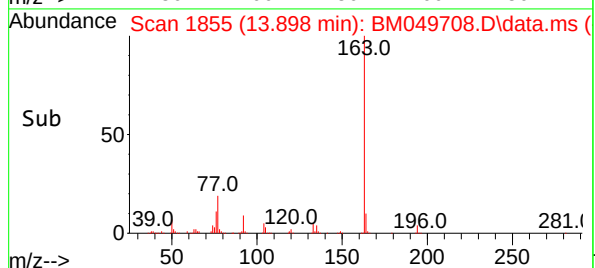
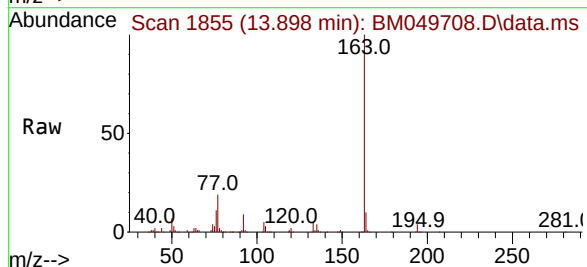
Manual Integrations
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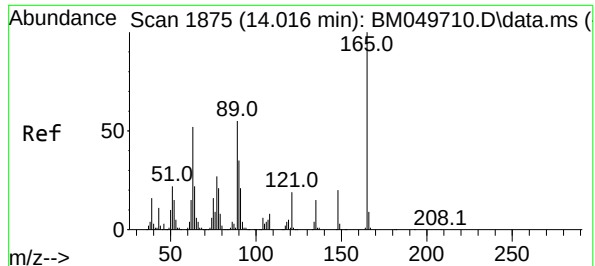
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#50
Dimethylphthalate
Concen: 9.164 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

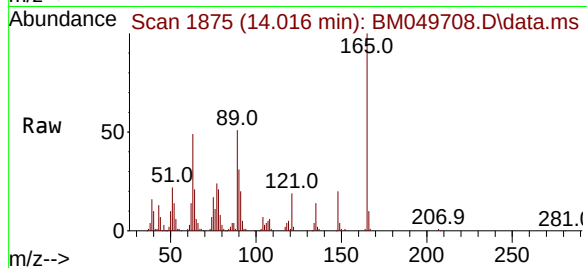
Tgt Ion:163 Resp: 399925
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 8.924 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

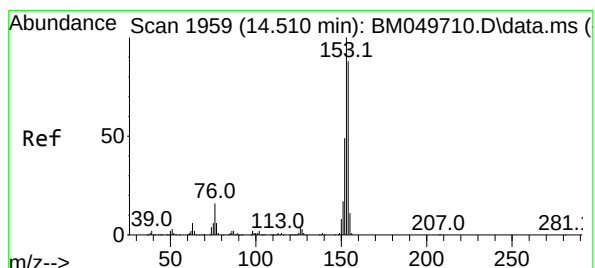
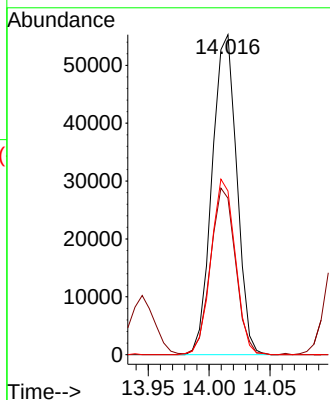
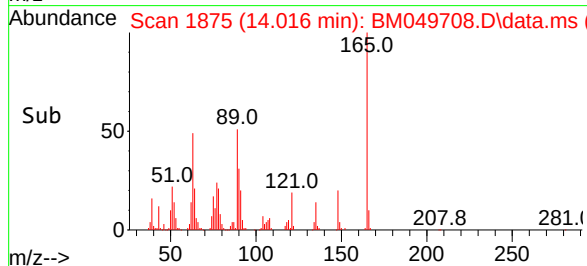
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



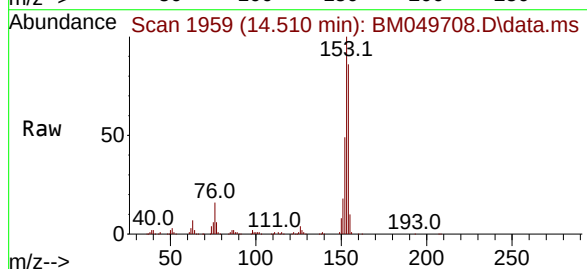
Tgt Ion:165 Resp: 7803
Ion Ratio Lower Upper
165 100
63 48.9 42.3 63.5
89 51.1 43.9 65.9

Manual Integrations
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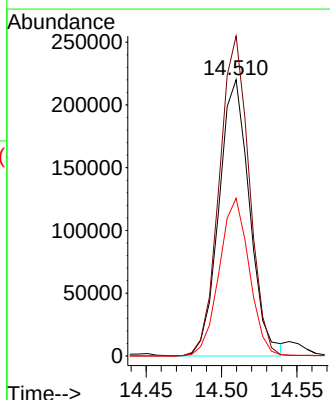
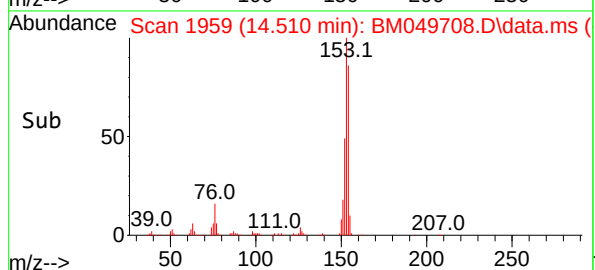
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

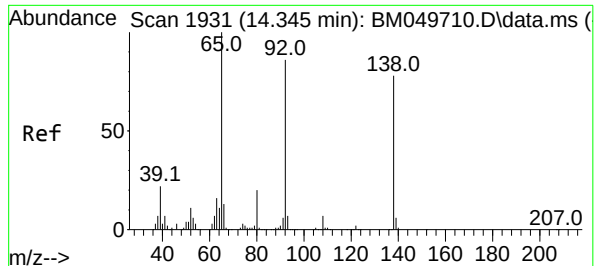


#52
Acenaphthene
Concen: 8.966 ng m
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21



Tgt Ion:154 Resp: 312188
Ion Ratio Lower Upper
154 100
153 115.8 90.4 135.6
152 57.1 44.2 66.2





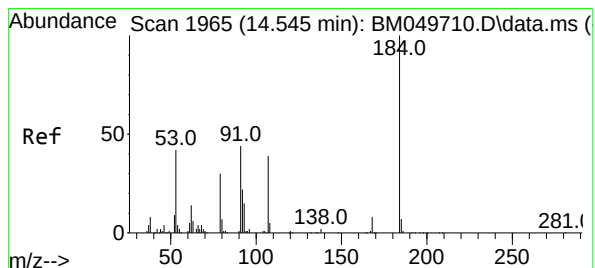
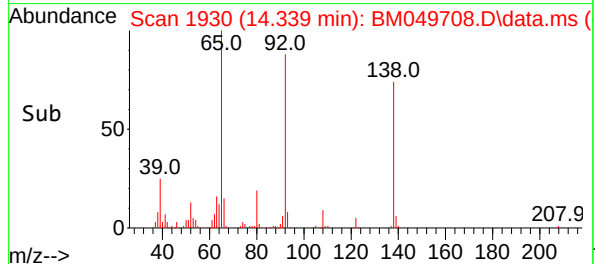
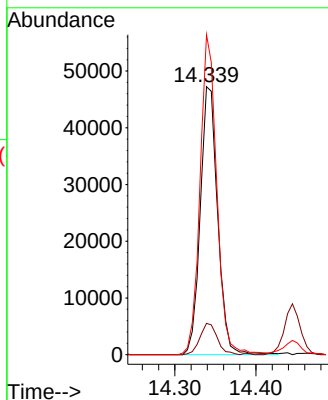
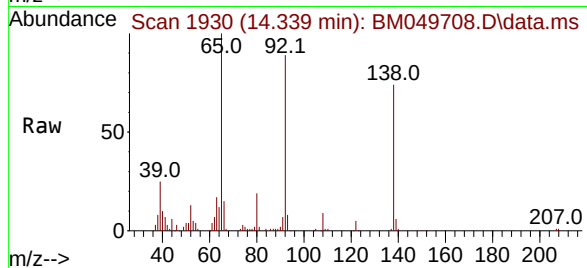
#53
3-Nitroaniline
Concen: 8.437 ng
RT: 14.339 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 70204
Ion Ratio Lower Upper
138 100
108 11.7 7.5 11.3
92 119.4 88.0 132.0

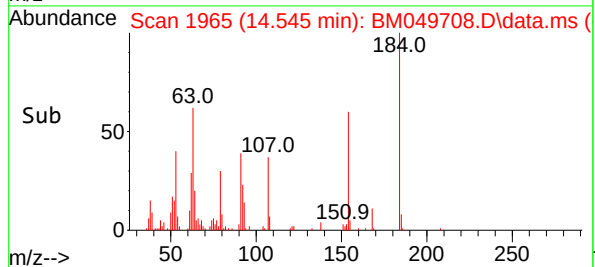
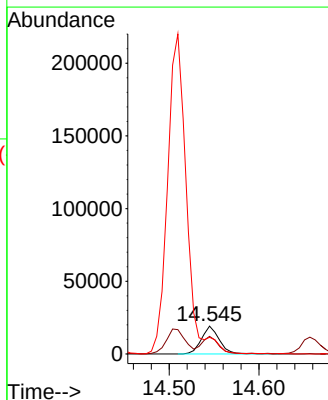
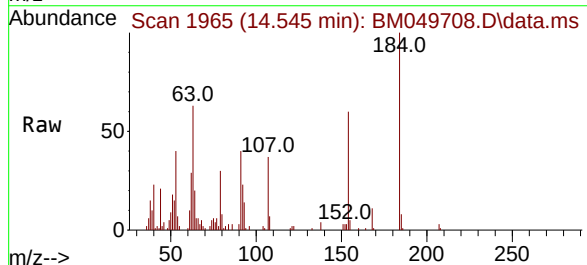
Manual Integrations
APPROVED

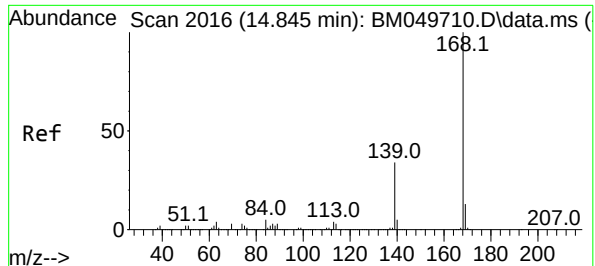
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#54
2,4-Dinitrophenol
Concen: 10.075 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

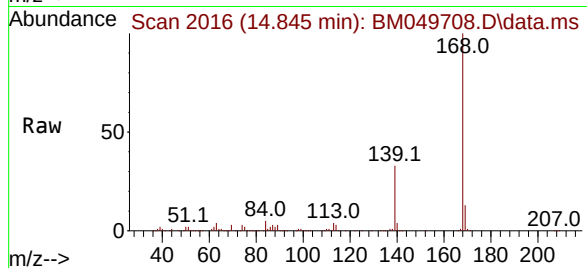
Tgt Ion:184 Resp: 26403
Ion Ratio Lower Upper
184 100
63 63.3 47.2 70.8
154 59.5 49.9 74.9





#55
Dibenzenofuran
Concen: 9.304 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

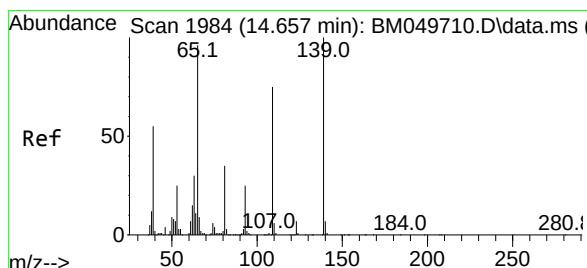
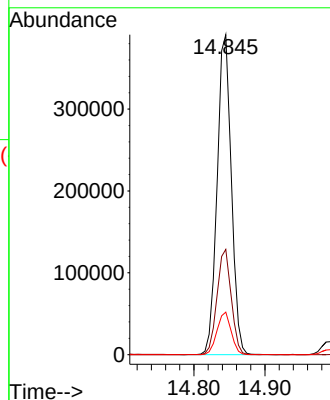
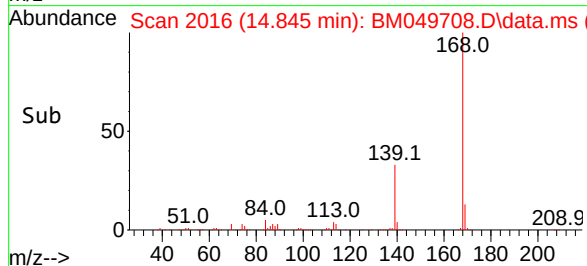
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



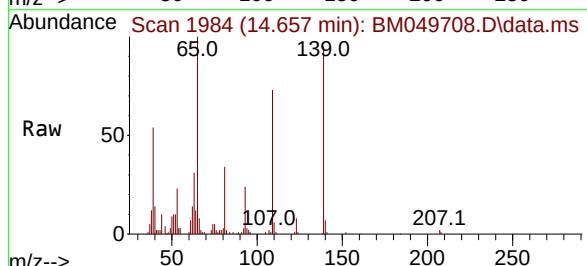
Tgt Ion:168 Resp: 540494
Ion Ratio Lower Upper
168 100
139 32.9 27.4 41.0
169 13.3 10.7 16.1

Manual Integrations
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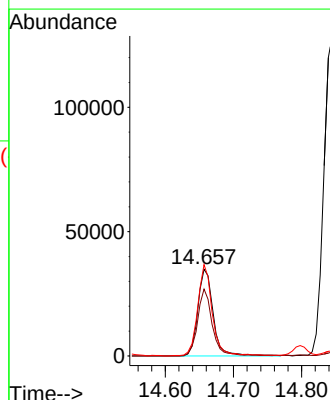
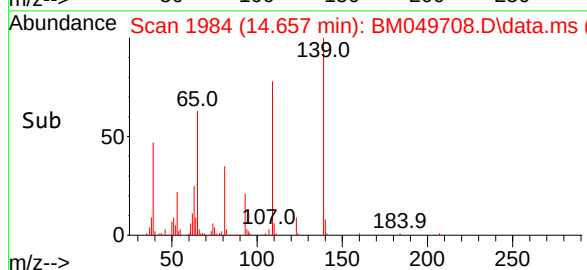
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

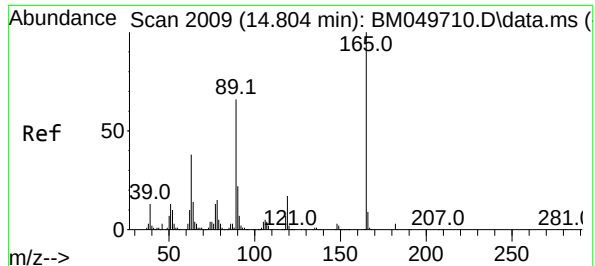


#56
4-Nitrophenol
Concen: 7.522 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21



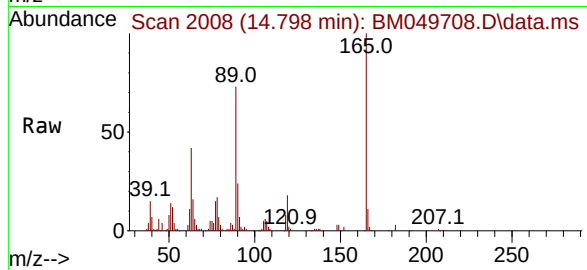
Tgt Ion:139 Resp: 54482
Ion Ratio Lower Upper
139 100
109 77.1 54.7 94.7
65 105.3 76.2 116.2





#57
2,4-Dinitrotoluene
Concen: 8.273 ng
RT: 14.798 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

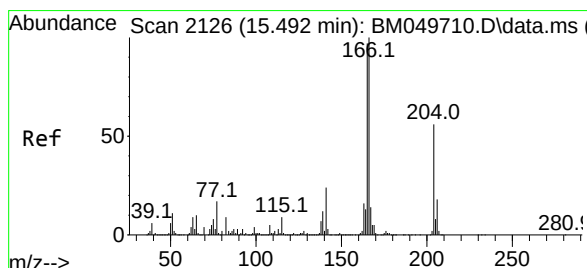
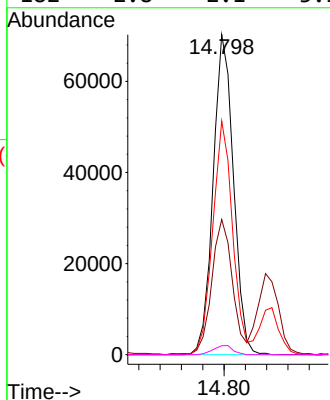
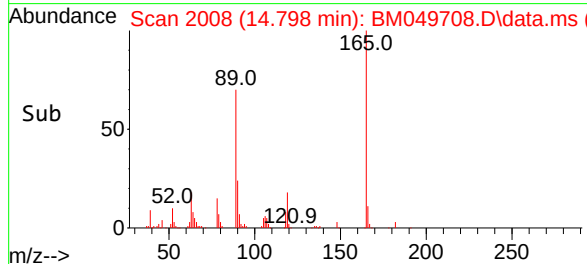
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 9308
Ion Ratio Lower Upper
165 100
63 42.3 30.8 46.2
89 73.1 53.1 79.7
182 2.8 2.1 3.1

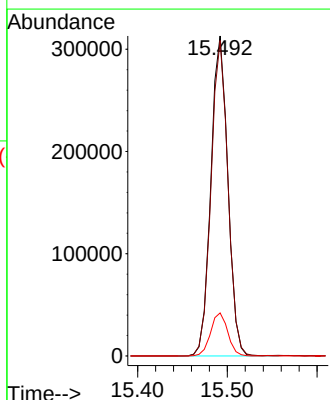
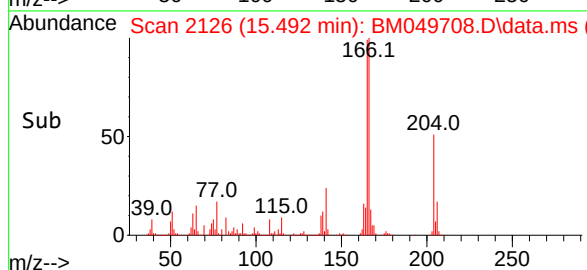
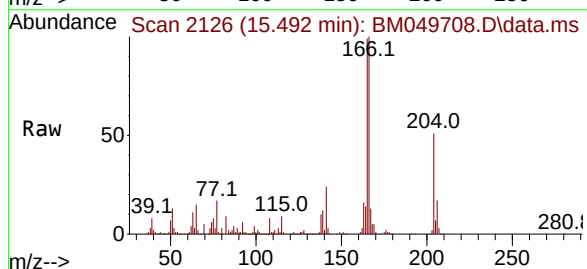
Manual Integrations
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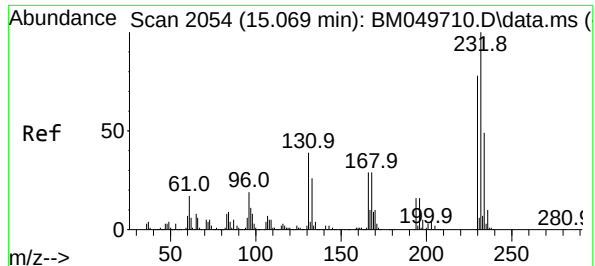
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#58
Fluorene
Concen: 8.692 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

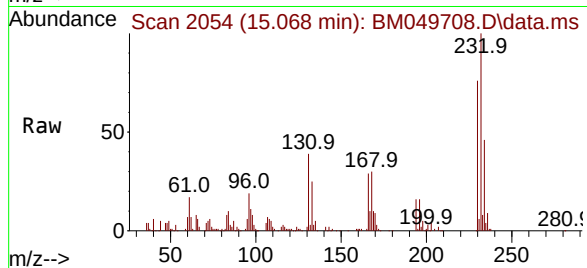
Tgt Ion:166 Resp: 411120
Ion Ratio Lower Upper
166 100
165 98.6 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.660 ng
RT: 15.068 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

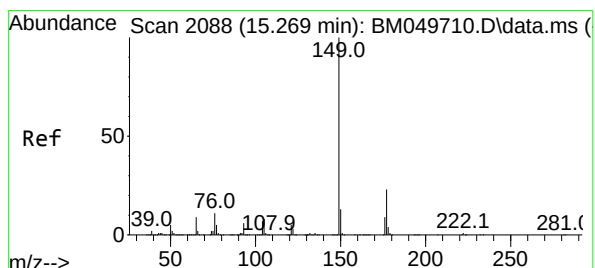
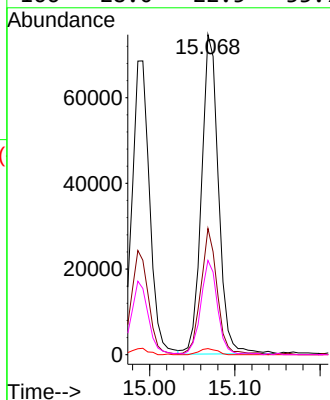
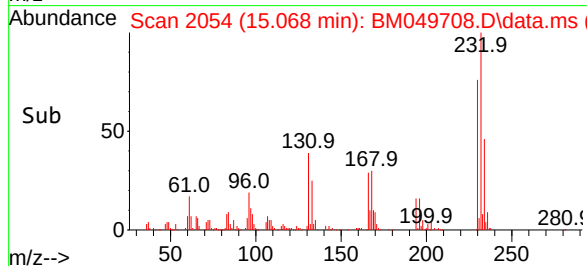
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



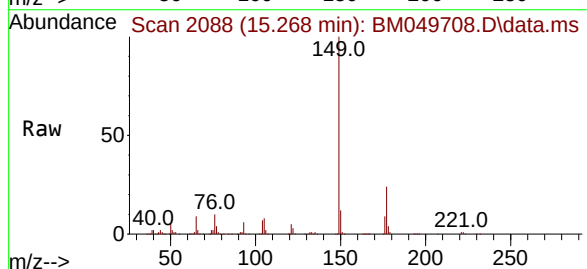
Tgt Ion:232 Resp: 10315
Ion Ratio Lower Upper
232 100
131 38.3 30.0 45.0
130 2.0 1.6 2.4
166 28.0 22.5 33.7

Manual Integrations
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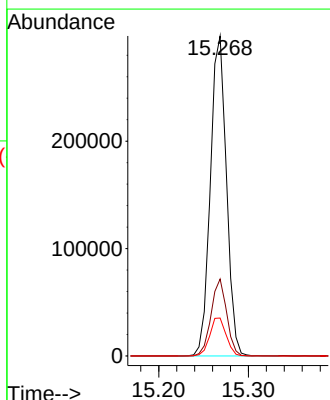
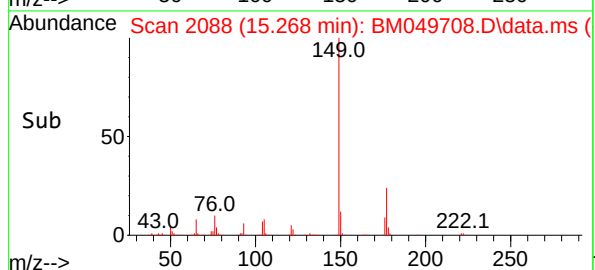
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

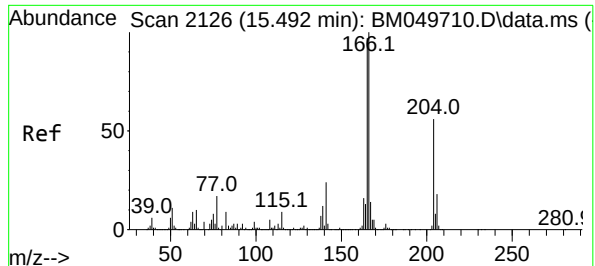


#60
Diethylphthalate
Concen: 9.021 ng
RT: 15.268 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21



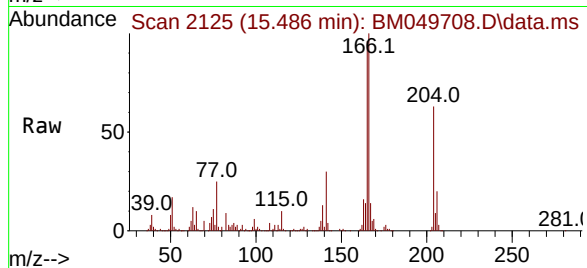
Tgt Ion:149 Resp: 370777
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.2
150 11.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 8.610 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

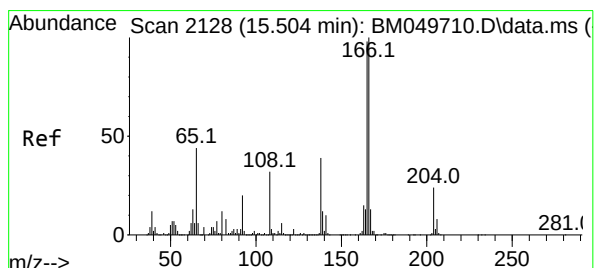
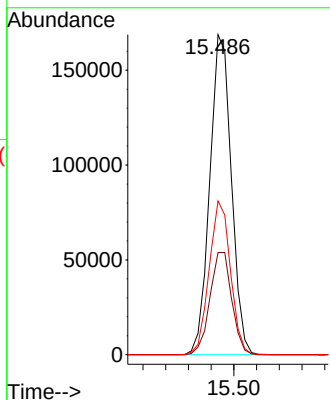
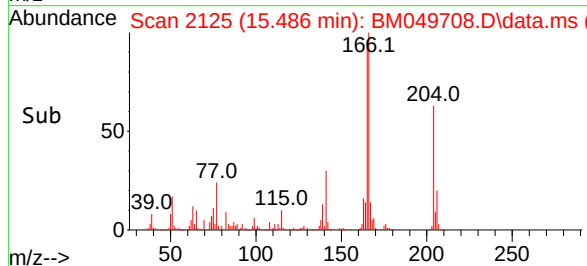
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 22237
Ion Ratio Lower Upper
204 100
206 31.9 25.2 37.8
141 48.0 34.5 51.7

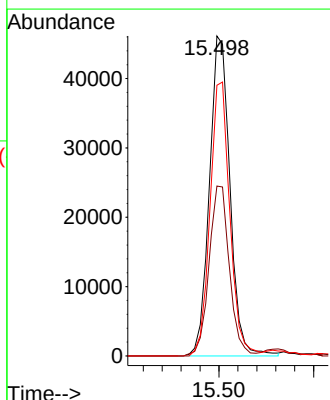
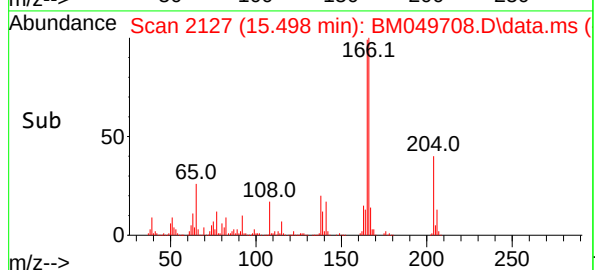
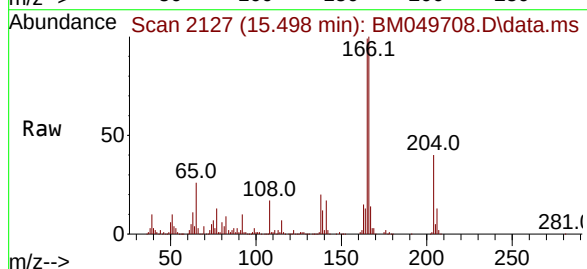
Manual Integrations
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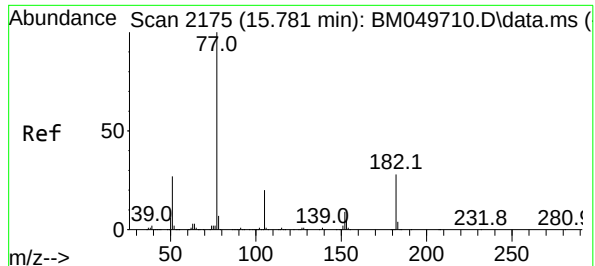
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#62
4-Nitroaniline
Concen: 10.227 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

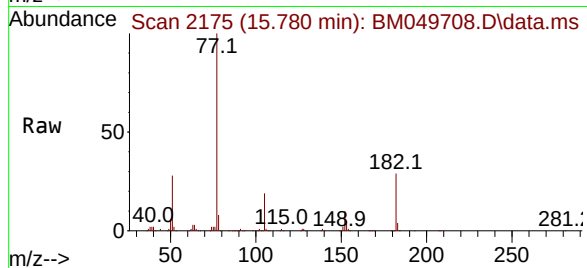
Tgt Ion:138 Resp: 69493
Ion Ratio Lower Upper
138 100
92 53.1 29.8 69.8
108 84.6 61.3 101.3





#63
Azobenzene
Concen: 8.951 ng
RT: 15.780 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

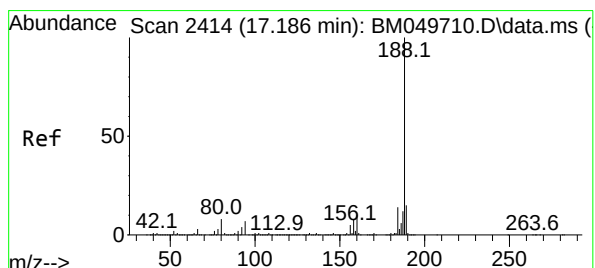
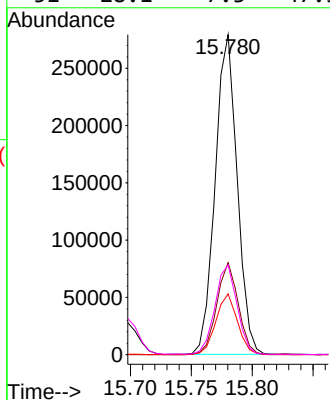
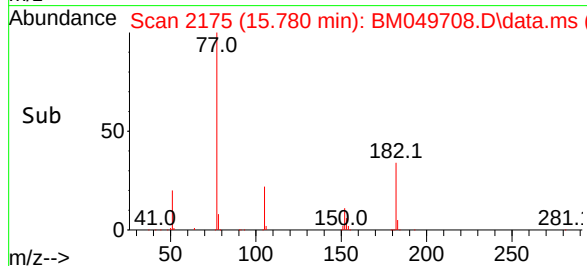
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 351412
Ion Ratio Lower Upper
77 100
182 28.7 8.0 48.0
105 19.0 0.0 40.0
51 28.1 7.3 47.3

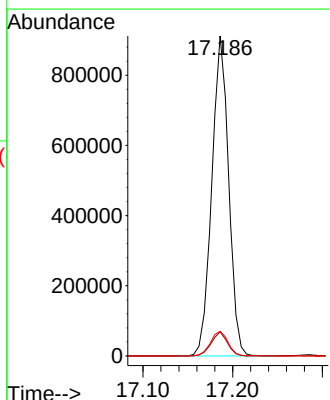
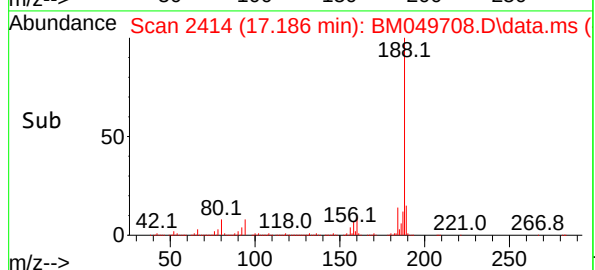
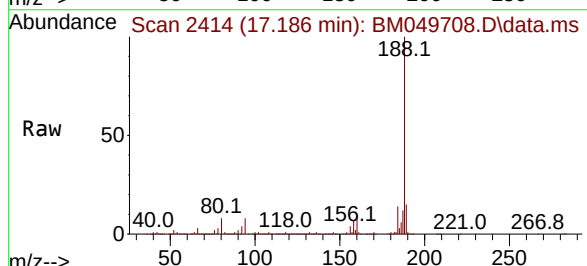
Manual Integrations
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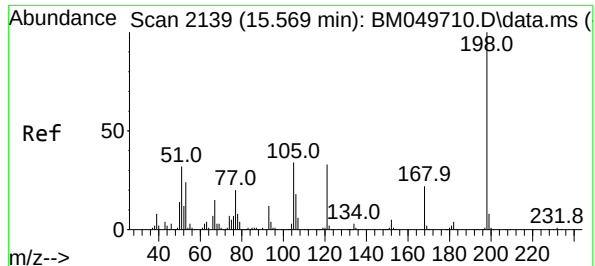
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

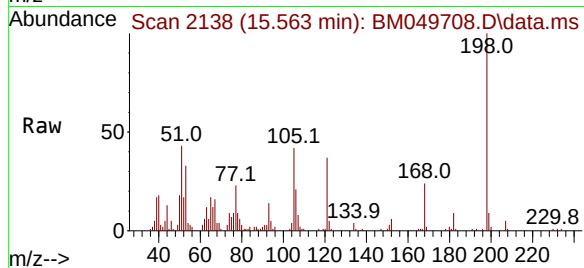
Tgt Ion:188 Resp: 1188953
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 7.7 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 10.052 ng
RT: 15.563 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

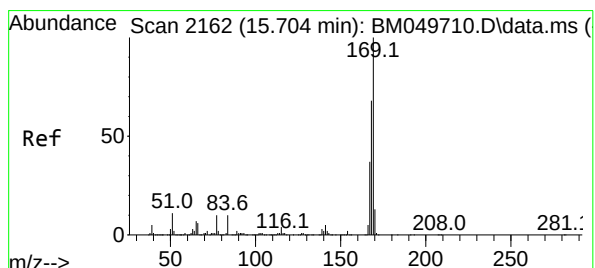
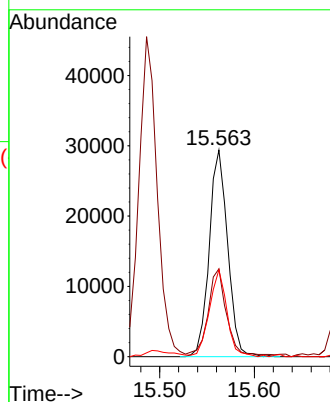
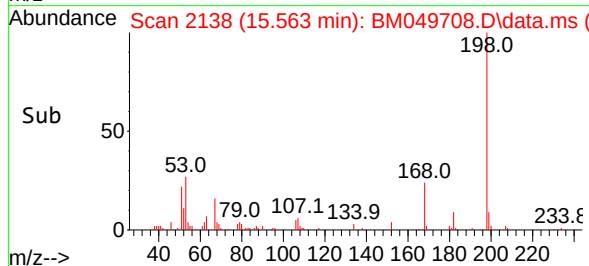
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 39732
Ion Ratio Lower Upper
198 100
51 42.5 13.8 53.8
105 42.0 14.0 54.0

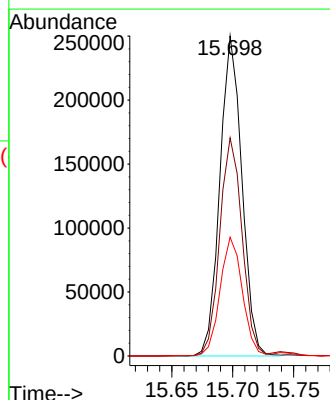
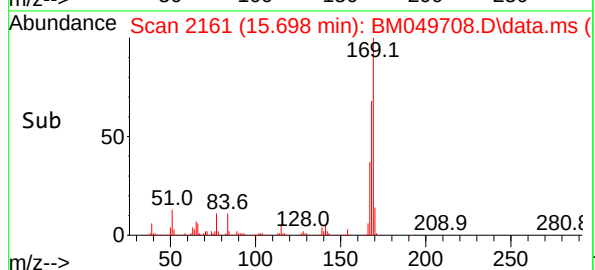
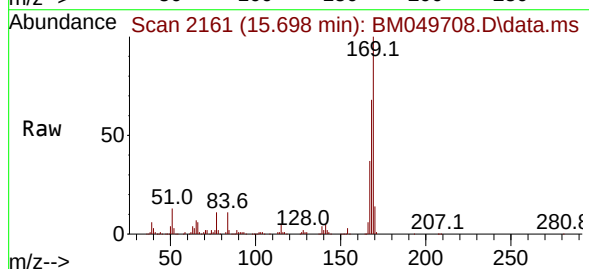
Manual Integrations
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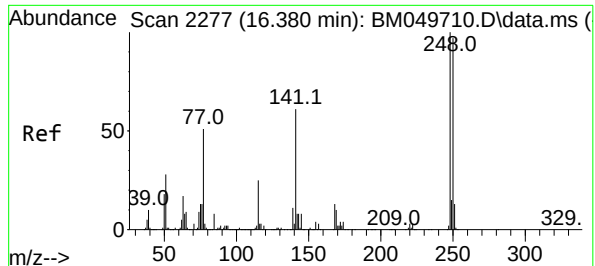
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#66
n-Nitrosodiphenylamine
Concen: 8.754 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

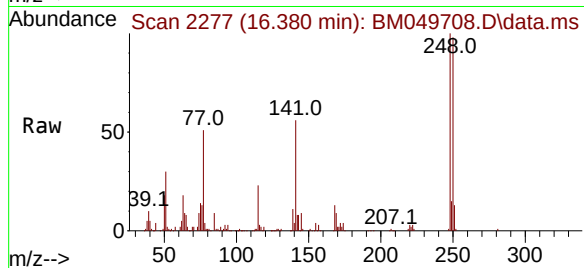
Tgt Ion:169 Resp: 315359
Ion Ratio Lower Upper
169 100
168 68.2 54.8 82.2
167 37.1 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 8.716 ng
RT: 16.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

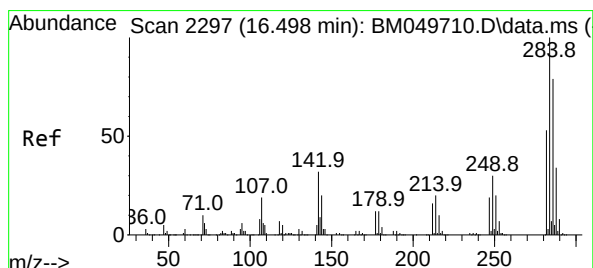
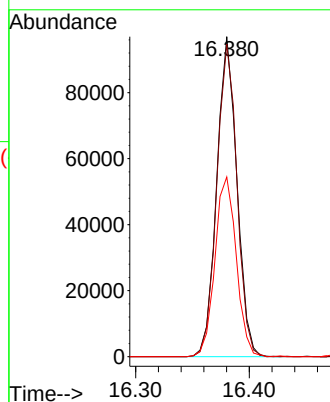
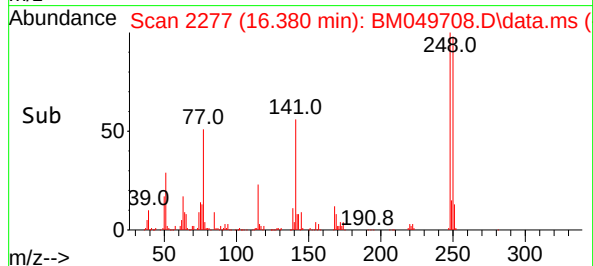
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



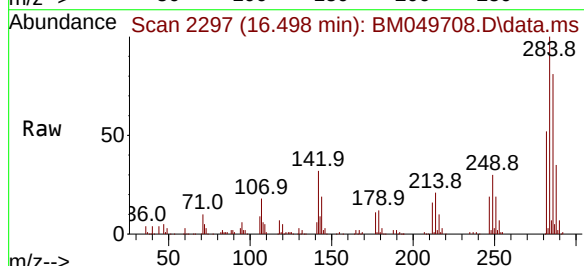
Tgt Ion:248 Resp: 119644
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 56.2 48.6 73.0

Manual Integrations
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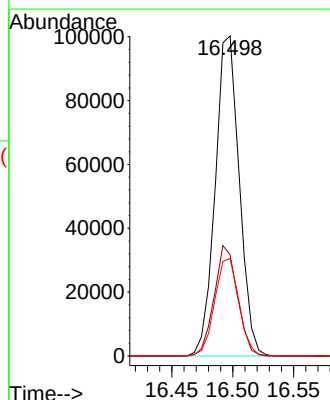
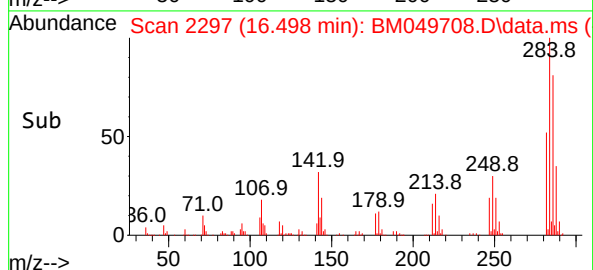
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

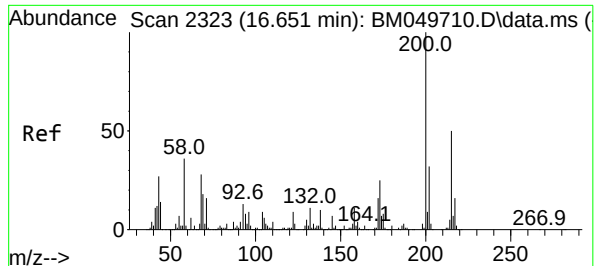


#68
Hexachlorobenzene
Concen: 8.933 ng
RT: 16.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21



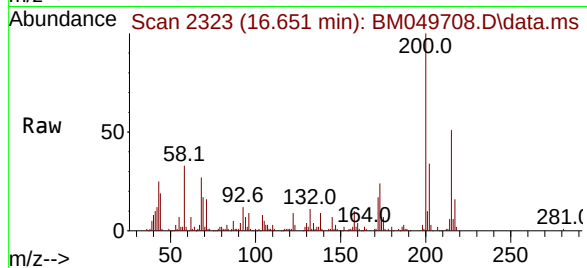
Tgt Ion:284 Resp: 137892
Ion Ratio Lower Upper
284 100
142 31.6 25.5 38.3
249 30.5 24.2 36.2





#69
Atrazine
Concen: 11.298 ng
RT: 16.651 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

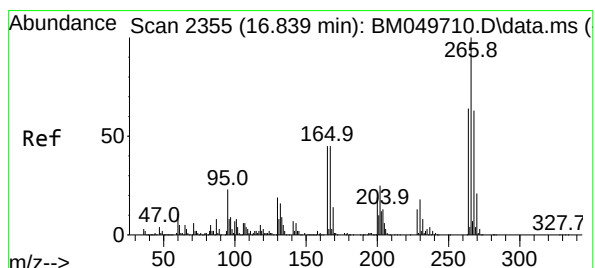
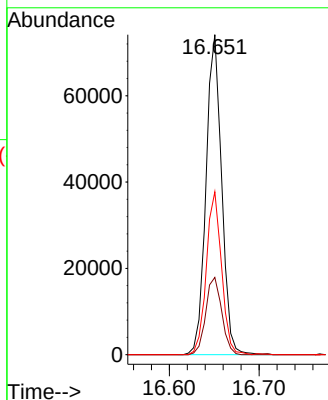
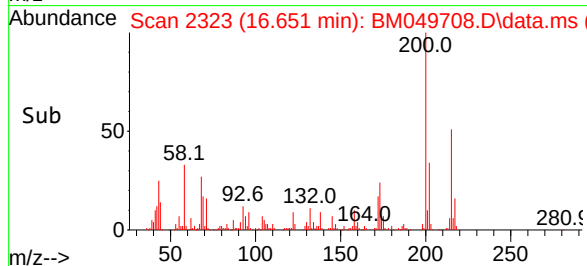
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 8969
Ion Ratio Lower Upper
200 100
173 24.2 5.4 45.4
215 50.9 29.8 69.8

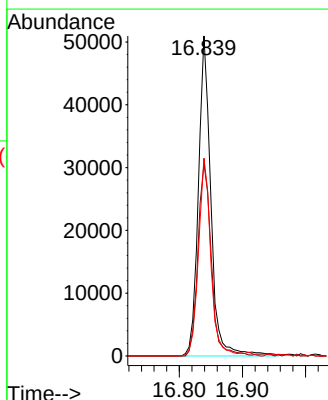
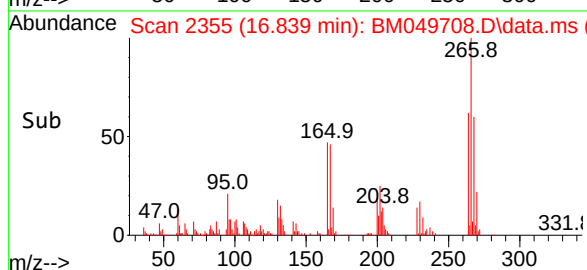
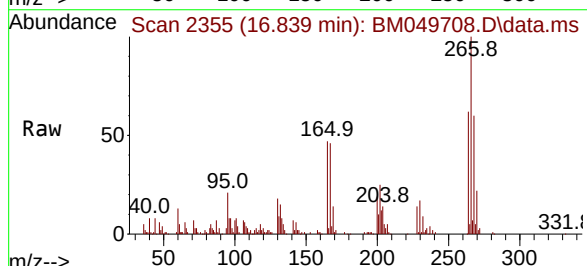
Manual Integrations
APPROVED

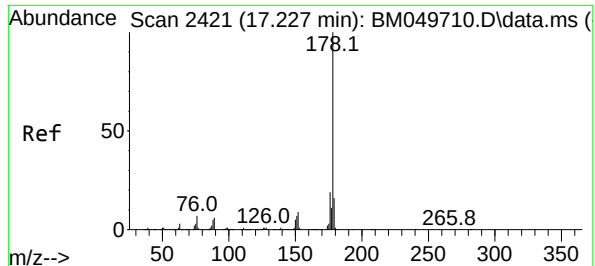
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#70
Pentachlorophenol
Concen: 7.217 ng
RT: 16.839 min Scan# 2355
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

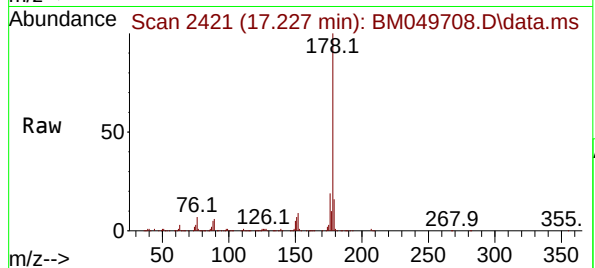
Tgt Ion:266 Resp: 70011
Ion Ratio Lower Upper
266 100
268 60.1 50.2 75.2
264 61.8 51.3 76.9





#71
Phenanthrene
Concen: 9.010 ng
RT: 17.227 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

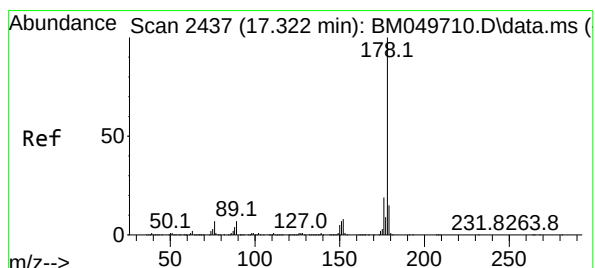
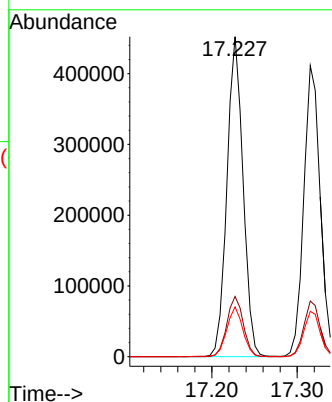
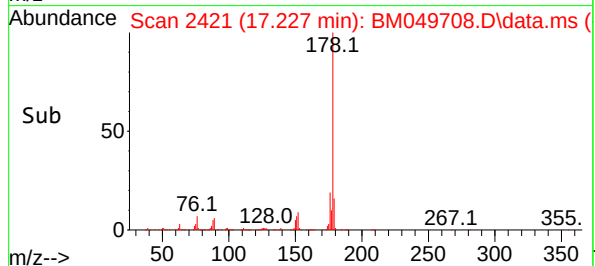
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 59483
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.6 12.5 18.7

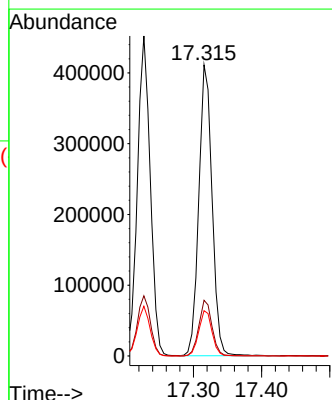
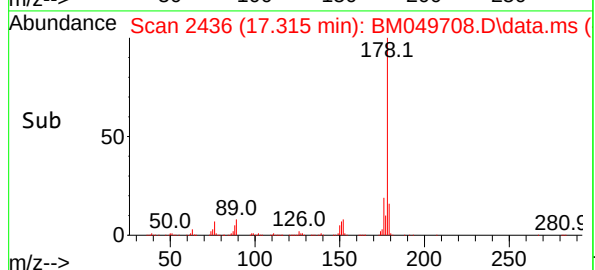
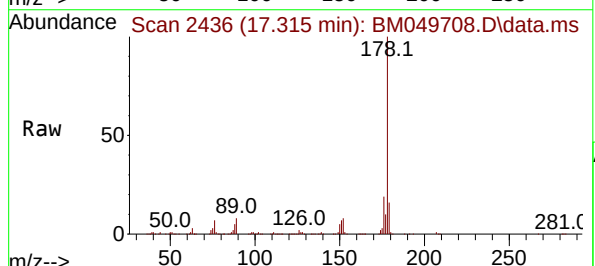
Manual Integrations
APPROVED

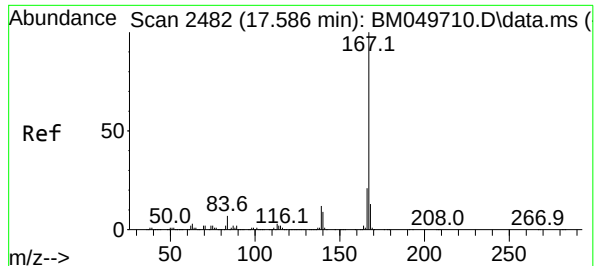
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#72
Anthracene
Concen: 8.673 ng
RT: 17.315 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

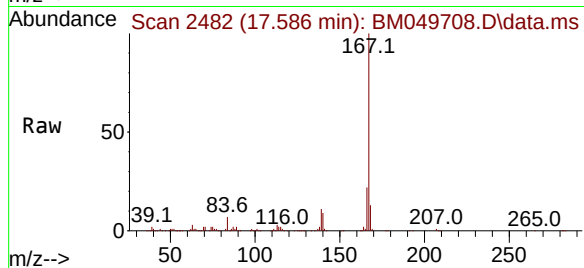
Tgt Ion:178 Resp: 554514
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.6 12.4 18.6





#73
Carbazole
Concen: 8.778 ng
RT: 17.586 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

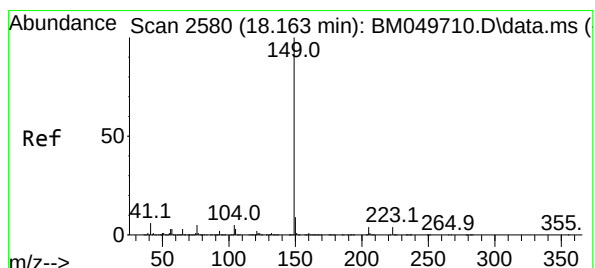
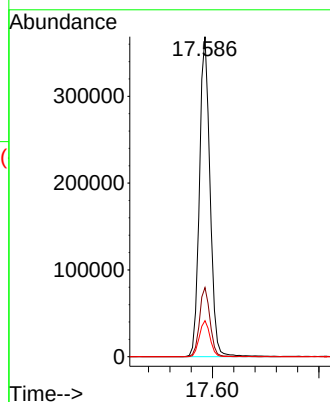
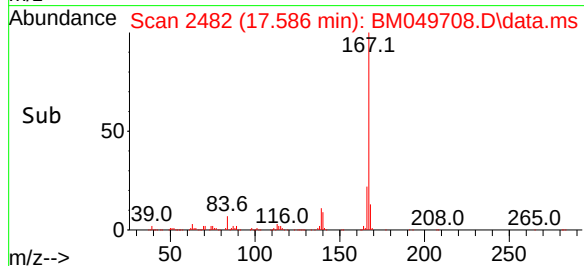
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 50826
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 11.3 9.4 14.2

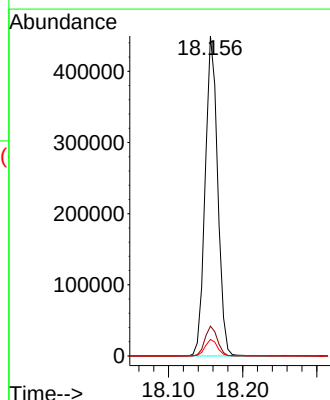
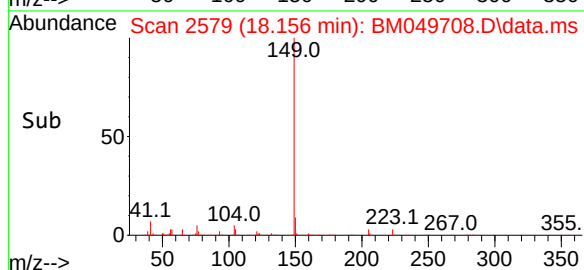
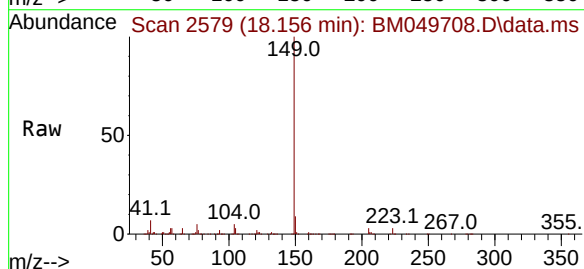
Manual Integrations
APPROVED

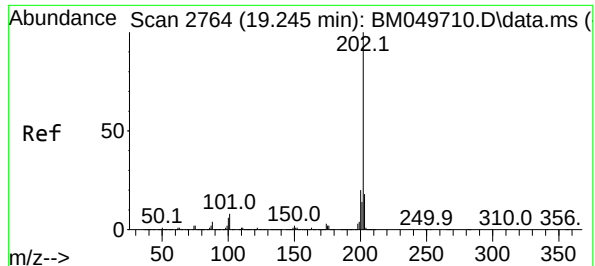
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#74
Di-n-butylphthalate
Concen: 8.293 ng
RT: 18.156 min Scan# 2579
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

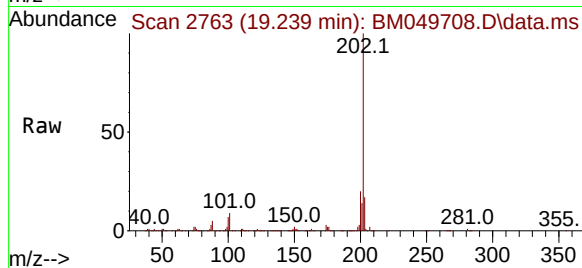
Tgt Ion:149 Resp: 526299
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.2 3.9 5.9





#75
Fluoranthene
Concen: 8.288 ng
RT: 19.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

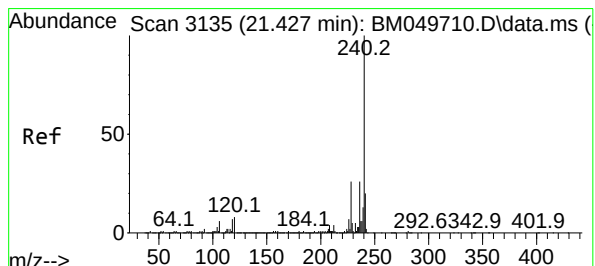
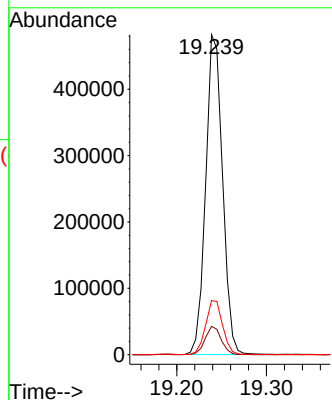
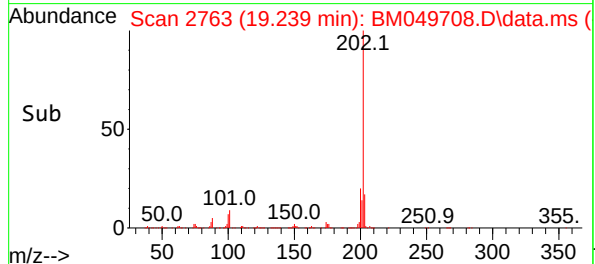
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 62994
Ion Ratio Lower Upper
202 100
101 8.8 0.0 27.8
203 16.9 0.0 37.6

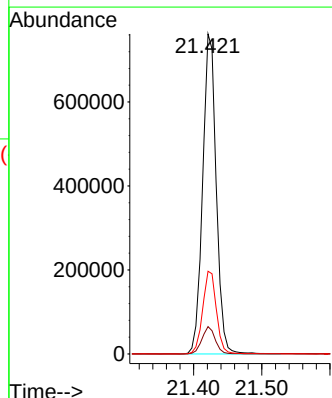
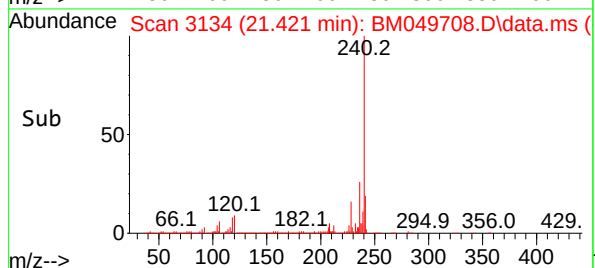
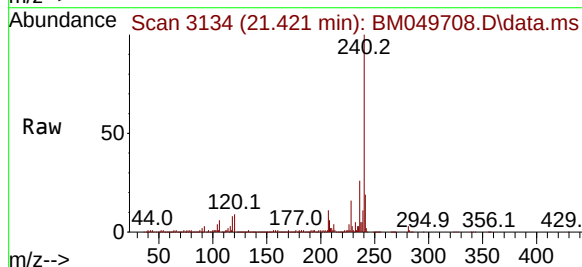
Manual Integrations
APPROVED

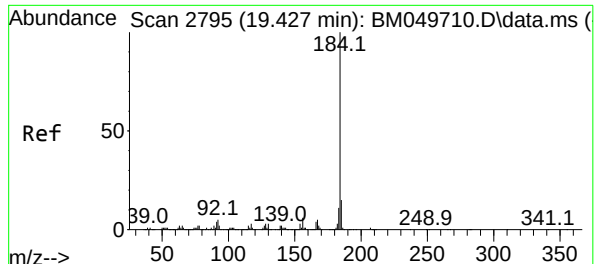
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

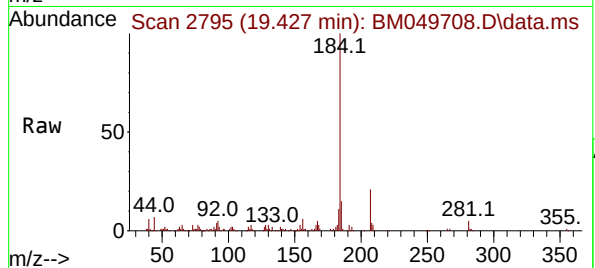
Tgt Ion:240 Resp: 1054297
Ion Ratio Lower Upper
240 100
120 8.5 6.5 9.7
236 25.9 20.7 31.1





#77
Benzidine
Concen: 7.702 ng
RT: 19.427 min Scan# 2795
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

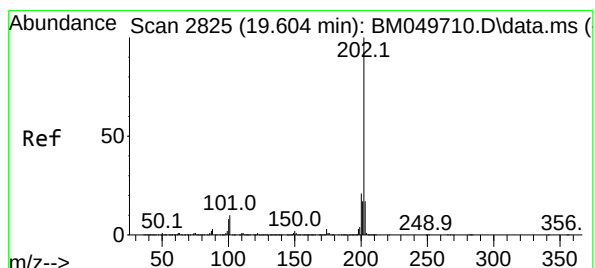
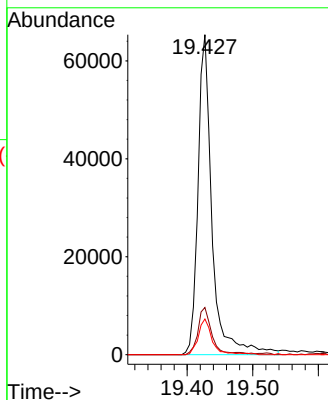
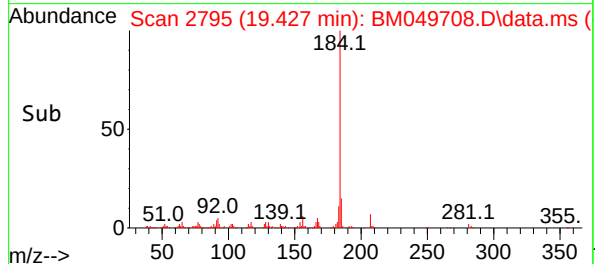
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 97550
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.2 8.8 13.2

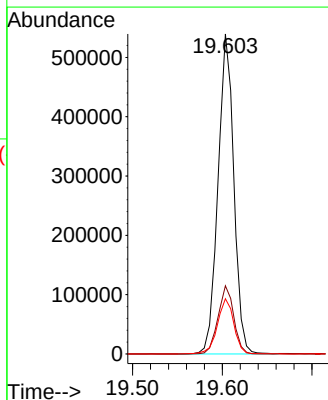
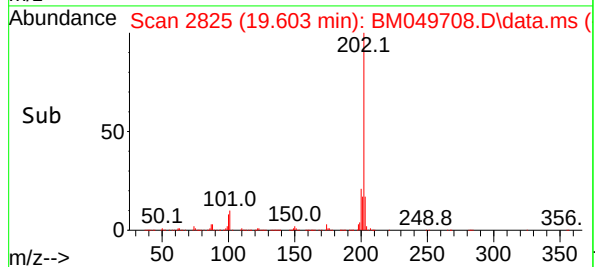
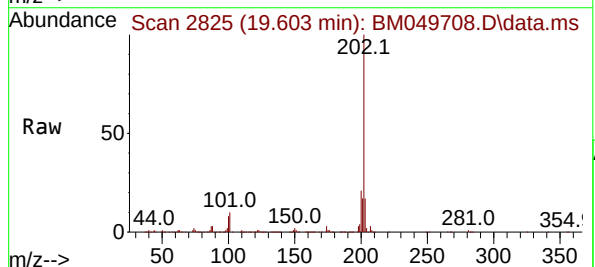
Manual Integrations
APPROVED

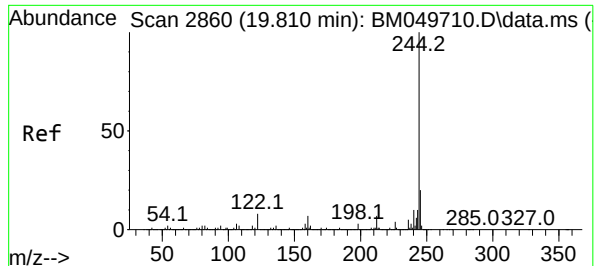
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#78
Pyrene
Concen: 8.965 ng
RT: 19.603 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

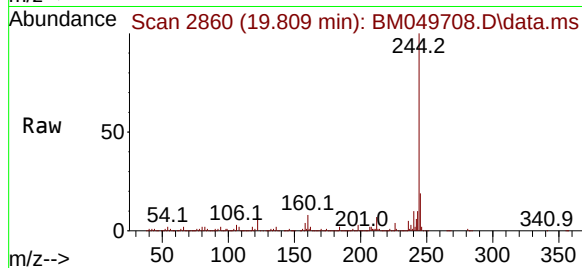
Tgt Ion:202 Resp: 660354
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.3 14.0 21.0





#79
Terphenyl-d14
Concen: 17.210 ng
RT: 19.809 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

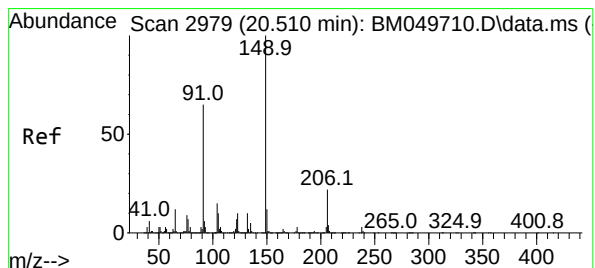
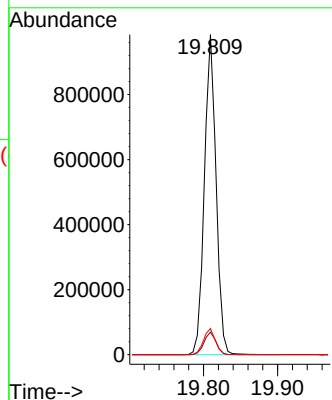
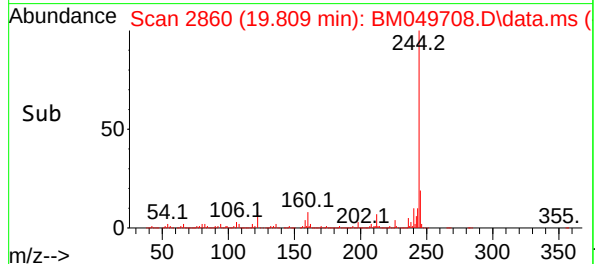
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 107674
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 8.2 6.0 9.0

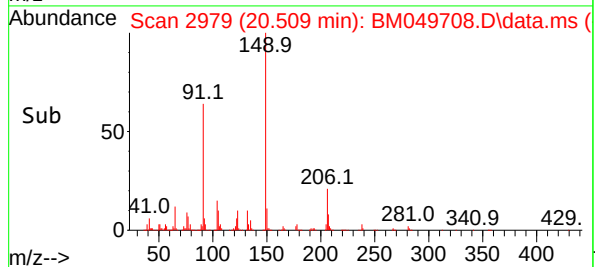
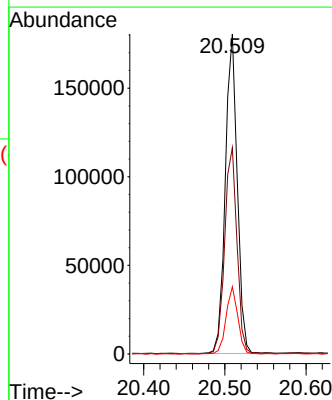
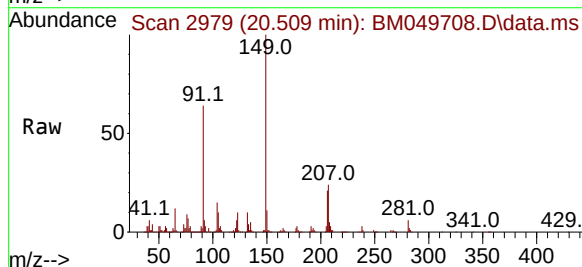
Manual Integrations
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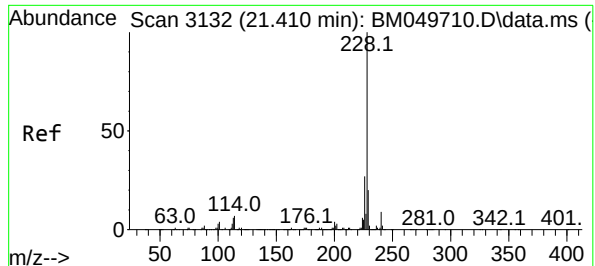
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#80
Butylbenzylphthalate
Concen: 8.109 ng
RT: 20.509 min Scan# 2979
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

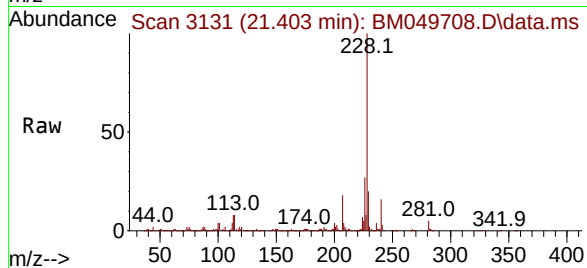
Tgt Ion:149 Resp: 185369
Ion Ratio Lower Upper
149 100
91 64.5 52.2 78.4
206 21.0 17.6 26.4





#81
Benzo(a)anthracene
Concen: 8.882 ng
RT: 21.403 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

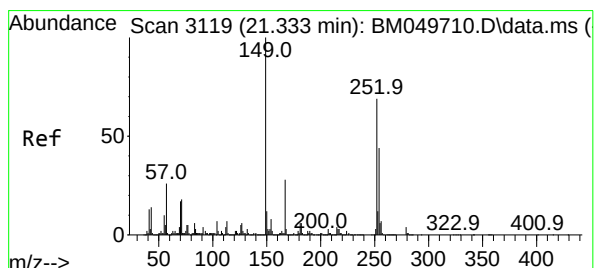
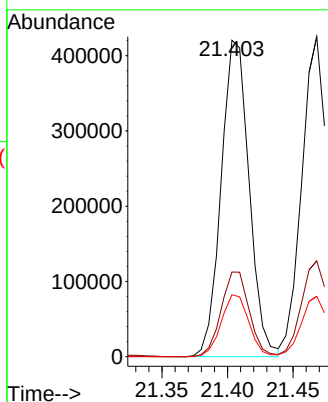
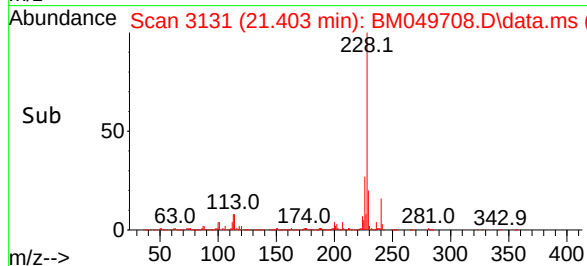
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 62544
Ion Ratio Lower Upper
228 100
226 26.7 22.0 33.0
229 19.6 15.8 23.8

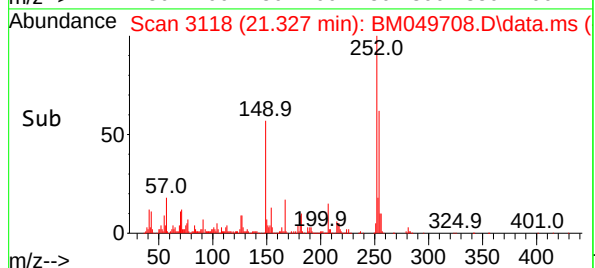
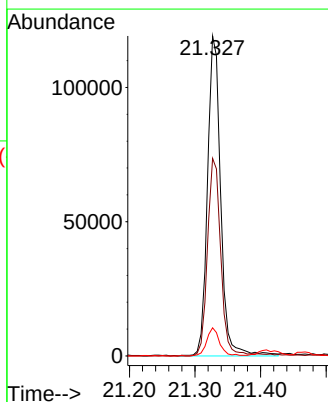
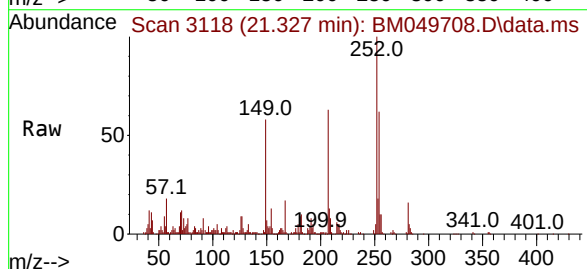
Manual Integrations
APPROVED

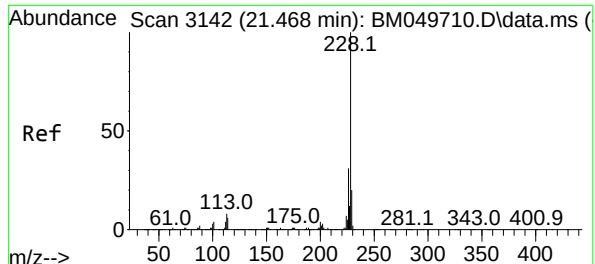
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 7.296 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

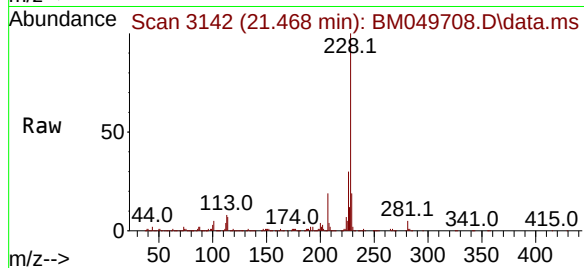
Tgt Ion:252 Resp: 167274
Ion Ratio Lower Upper
252 100
254 61.7 51.0 76.4
126 8.8 6.3 9.5





#83
Chrysene
Concen: 8.955 ng
RT: 21.468 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

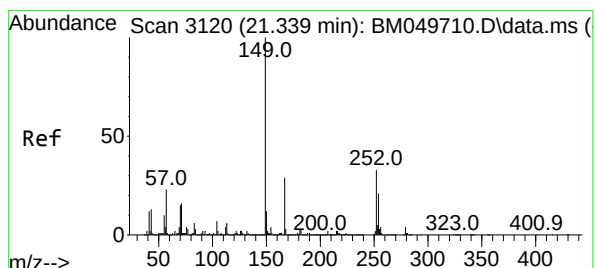
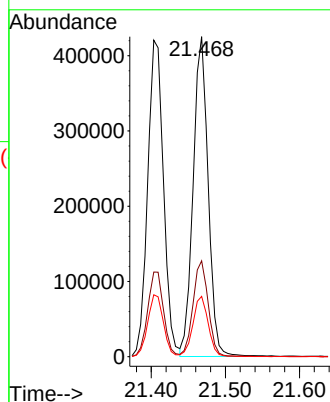
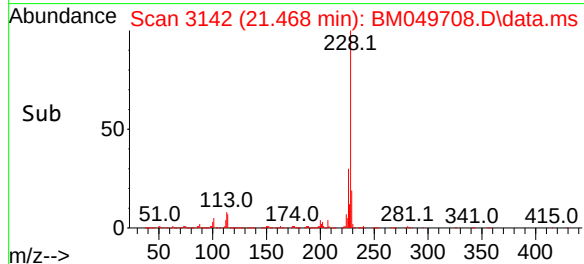
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 59777
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 18.8 15.8 23.6

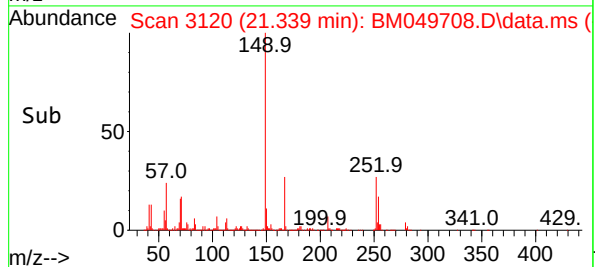
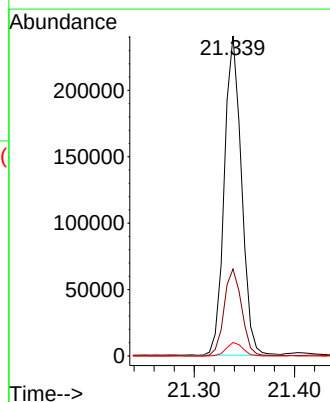
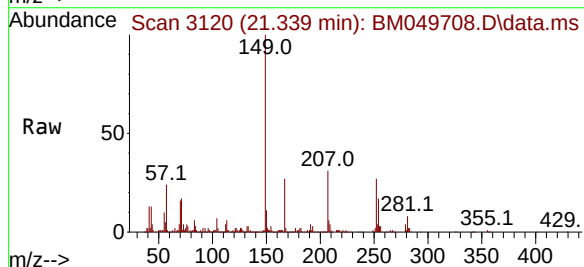
Manual Integrations
APPROVED

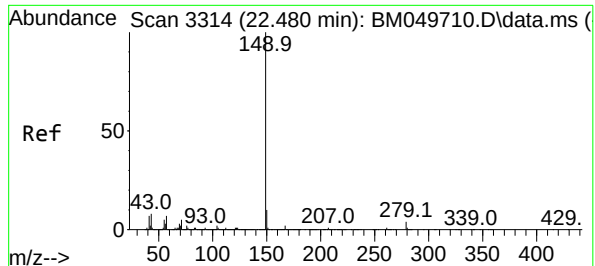
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.007 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

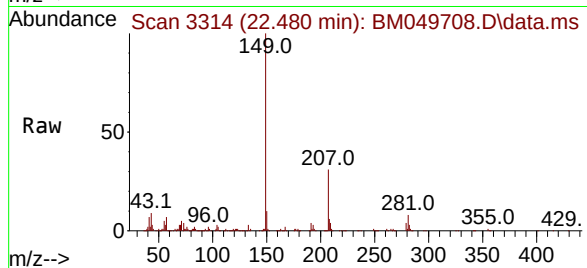
Tgt Ion:149 Resp: 285266
Ion Ratio Lower Upper
149 100
167 27.2 22.9 34.3
279 4.2 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 7.365 ng
RT: 22.480 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

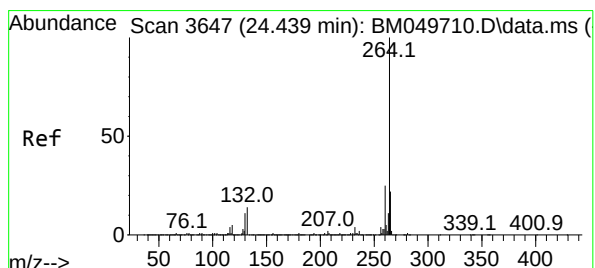
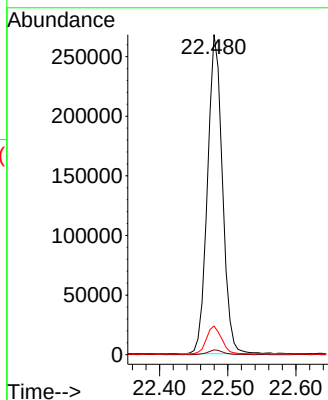
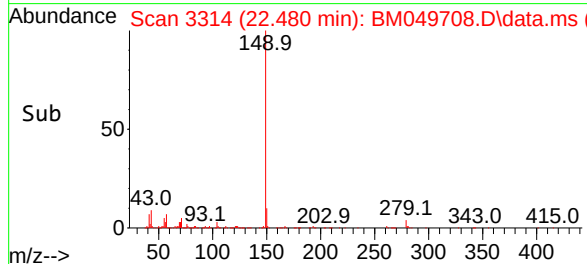
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 407812
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 6.8 10.2

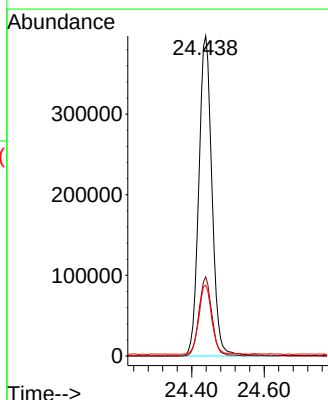
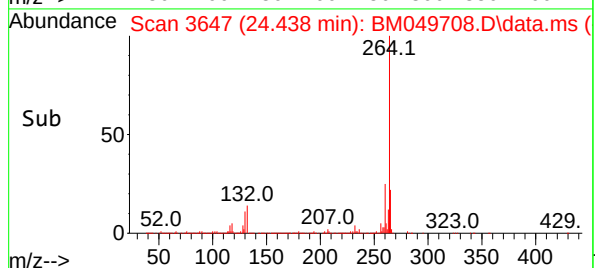
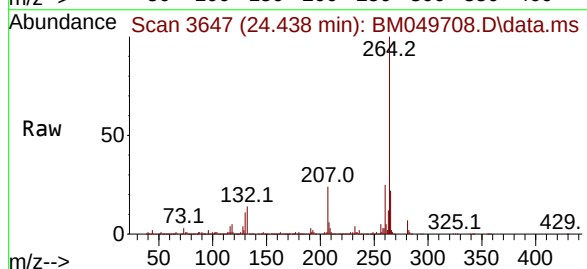
Manual Integrations
APPROVED

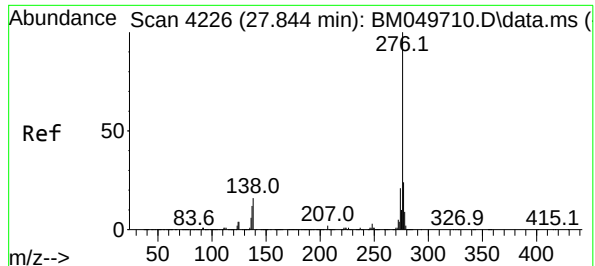
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.438 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

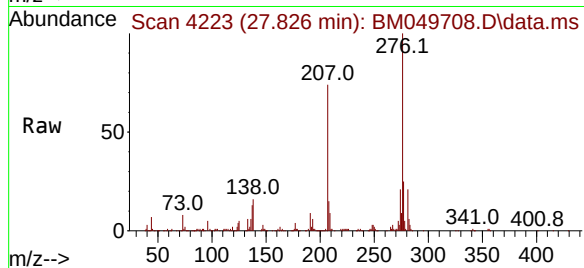
Tgt Ion:264 Resp: 996325
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 22.1 18.2 27.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.426 ng
RT: 27.826 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

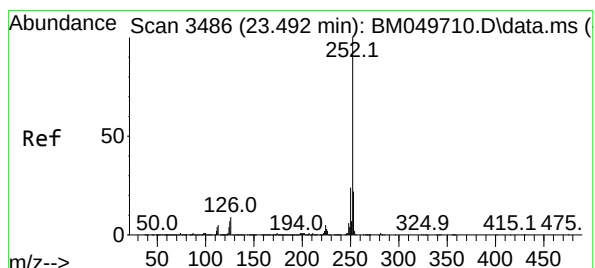
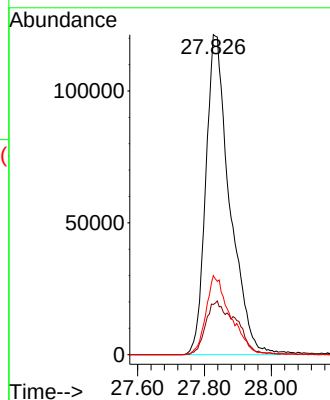
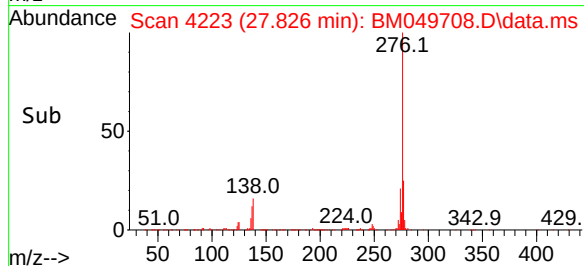
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:276 Resp: 604218
Ion Ratio Lower Upper
276 100
138 21.2 16.3 24.5
277 25.1 19.9 29.9

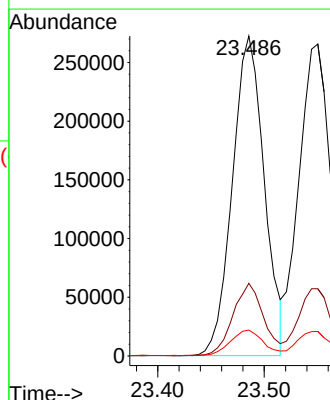
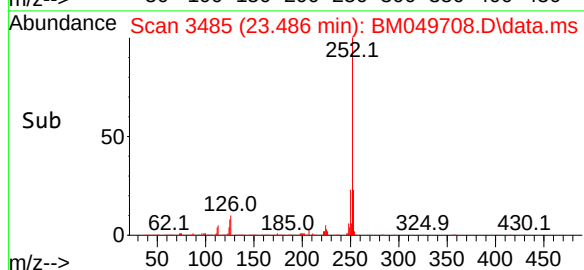
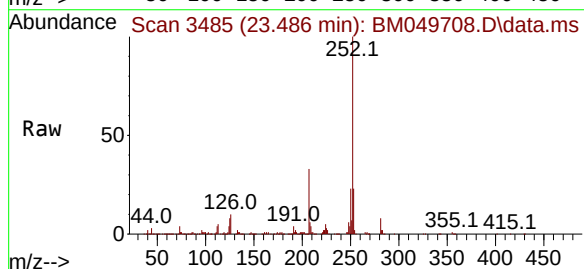
Manual Integrations
APPROVED

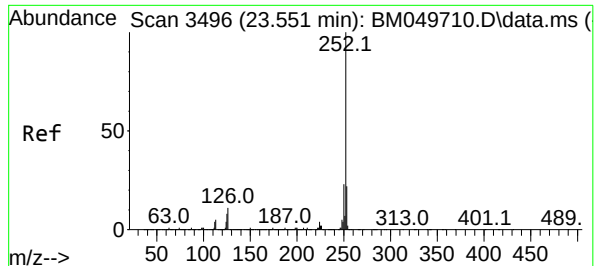
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#88
Benzo(b)fluoranthene
Concen: 8.451 ng
RT: 23.486 min Scan# 3485
Delta R.T. -0.006 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

Tgt Ion:252 Resp: 567116
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 8.1 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 8.658 ng

RT: 23.550 min Scan# 3496

Delta R.T. -0.000 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

Instrument :

BNA_M

ClientSampleId :

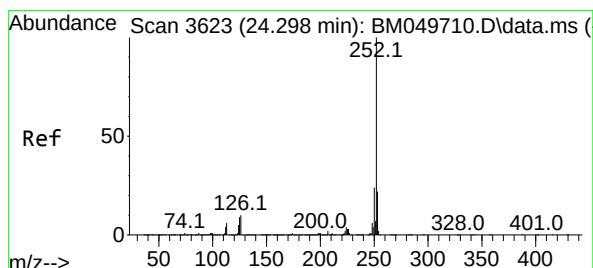
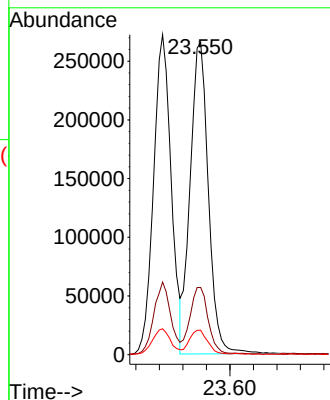
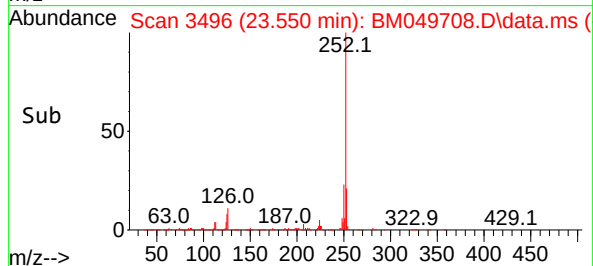
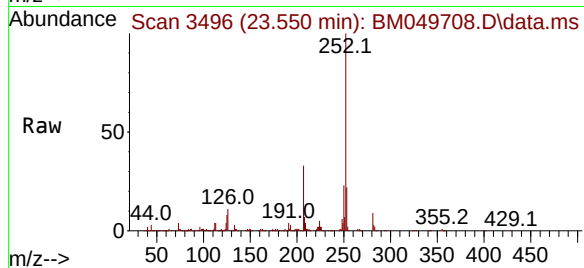
SSTDICC010

Tgt Ion:252 Resp: 571708
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 7.8 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#90

Benzo(a)pyrene

Concen: 8.376 ng

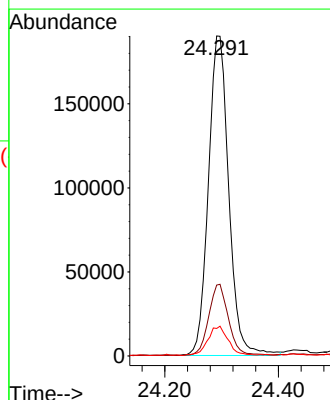
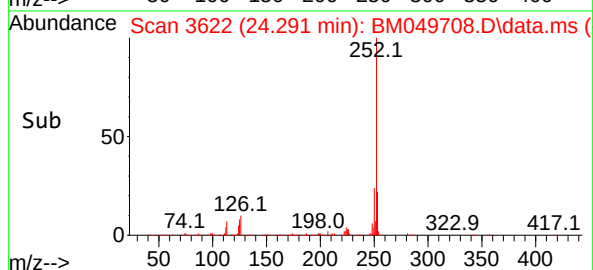
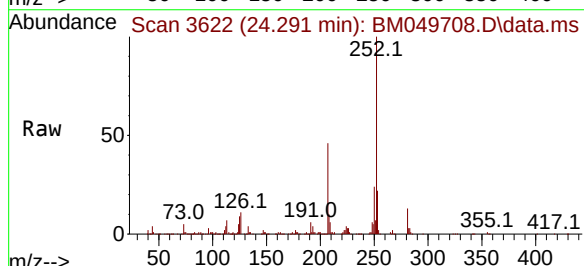
RT: 24.291 min Scan# 3622

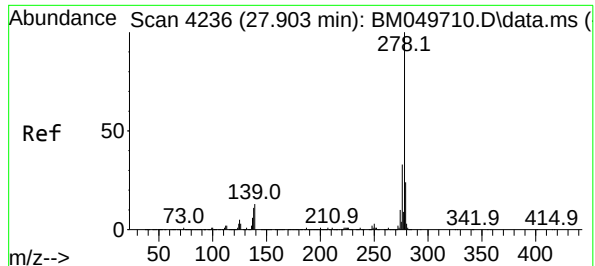
Delta R.T. -0.006 min

Lab File: BM049708.D

Acq: 13 Mar 2025 10:21

Tgt Ion:252 Resp: 472134
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 8.6 7.0 10.6





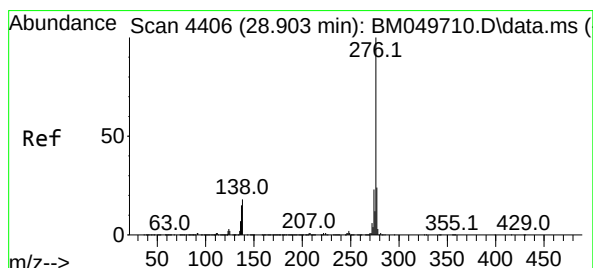
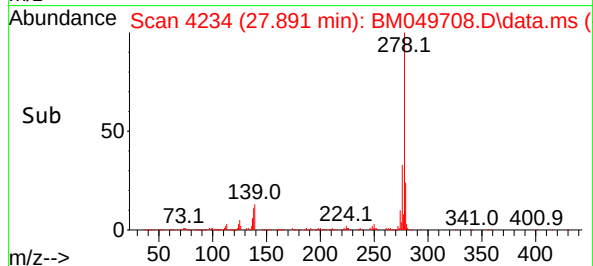
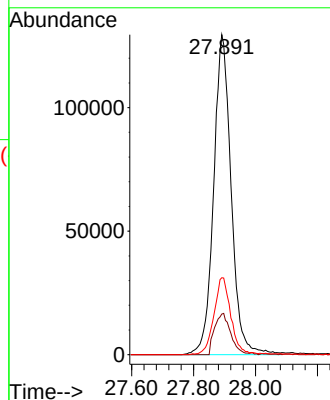
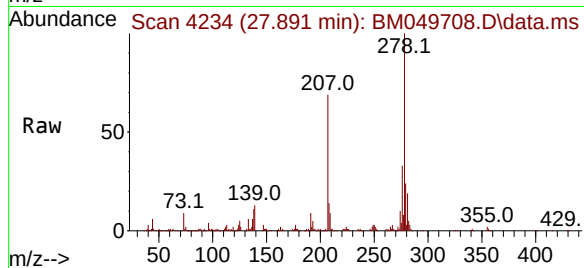
#91
Dibenzo(a,h)anthracene
Concen: 8.527 ng
RT: 27.891 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 50948
Ion Ratio Lower Upper
278 100
139 12.7 10.1 15.1
279 24.1 19.1 28.7

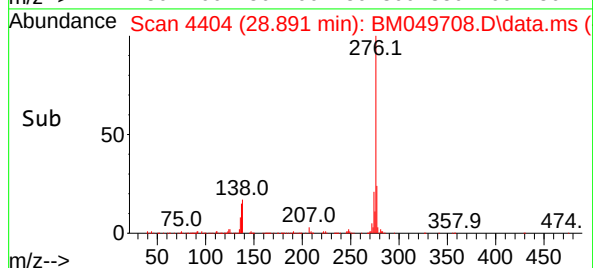
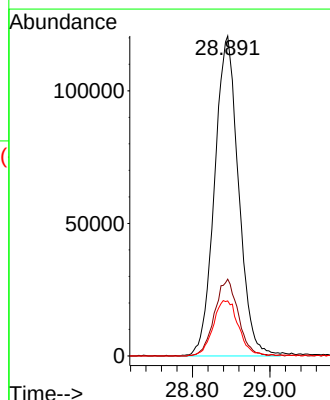
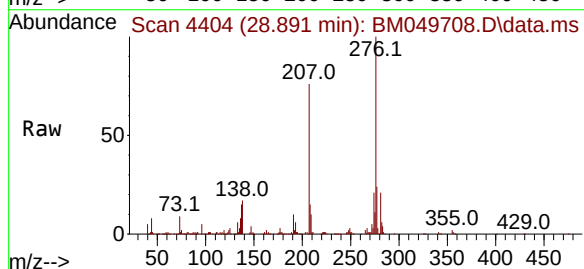
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#92
Benzo(g,h,i)perylene
Concen: 8.630 ng
RT: 28.891 min Scan# 4404
Delta R.T. -0.012 min
Lab File: BM049708.D
Acq: 13 Mar 2025 10:21

Tgt Ion:276 Resp: 519343
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 17.2 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049709.D
 Acq On : 13 Mar 2025 11:00
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Quant Time: Mar 13 14:40:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	313236	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1063554	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	653236	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1202916	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1084099	20.000	ng	0.00
86) Perylene-d12	24.439	264	1012386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	752200	40.519	ng	0.00
7) Phenol-d6	6.975	99	938684	40.292	ng	0.00
23) Nitrobenzene-d5	8.957	82	834165	40.268	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	295521	38.742	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2042299	39.155	ng	0.00
79) Terphenyl-d14	19.809	244	2611487	40.593	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	164522	20.472	ng	100
3) Pyridine	3.687	79	416413	20.264	ng	98
4) n-Nitrosodimethylamine	3.593	42	187929	20.695	ng	99
6) Aniline	7.134	93	409185	20.965	ng	98
8) 2-Chlorophenol	7.375	128	373637	20.324	ng	99
9) Benzaldehyde	6.946	77	259870	22.564	ng	100
10) Phenol	7.004	94	458278	20.287	ng	98
11) bis(2-Chloroethyl)ether	7.228	93	372516	20.364	ng	98
12) 1,3-Dichlorobenzene	7.698	146	450375	20.159	ng	100
13) 1,4-Dichlorobenzene	7.840	146	460432	20.429	ng	99
14) 1,2-Dichlorobenzene	8.157	146	440083	20.546	ng	99
15) Benzyl Alcohol	8.045	79	291985	19.972	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	446479	20.767	ng	99
17) 2-Methylphenol	8.251	107	274444	20.463	ng	99
18) Hexachloroethane	8.887	117	160305	20.141	ng	92
19) n-Nitroso-di-n-propyla...	8.610	70	279276	20.673	ng	99
20) 3+4-Methylphenols	8.581	107	365852	20.356	ng	99
22) Acetophenone	8.628	105	549310	20.031	ng	# 99
24) Nitrobenzene	9.004	77	398868	20.420	ng	97
25) Isophorone	9.534	82	636755	20.020	ng	99
26) 2-Nitrophenol	9.716	139	162399	19.534	ng	98
27) 2,4-Dimethylphenol	9.781	122	211884	20.023	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	457141	20.407	ng	97
29) 2,4-Dichlorophenol	10.251	162	348455	20.208	ng	98
30) 1,2,4-Trichlorobenzene	10.463	180	442553	20.513	ng	98
31) Naphthalene	10.651	128	1094433	20.012	ng	99
32) Benzoic acid	9.887	122	152840	16.977	ng	95
33) 4-Chloroaniline	10.757	127	382245	20.480	ng	100
34) Hexachlorobutadiene	10.945	225	270278	20.294	ng	98
35) Caprolactam	11.528	113	77852	19.446	ng	95
36) 4-Chloro-3-methylphenol	11.886	107	290072	19.602	ng	99
37) 2-Methylnaphthalene	12.263	142	758592	19.837	ng	100
38) 1-Methylnaphthalene	12.486	142	727810	19.727	ng	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	472680	19.699	ng	99
41) Hexachlorocyclopentadiene	12.622	237	173785	19.550	ng	96
43) 2,4,6-Trichlorophenol	12.875	196	264033	19.647	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049709.D
 Acq On : 13 Mar 2025 11:00
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Quant Time: Mar 13 14:40:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration

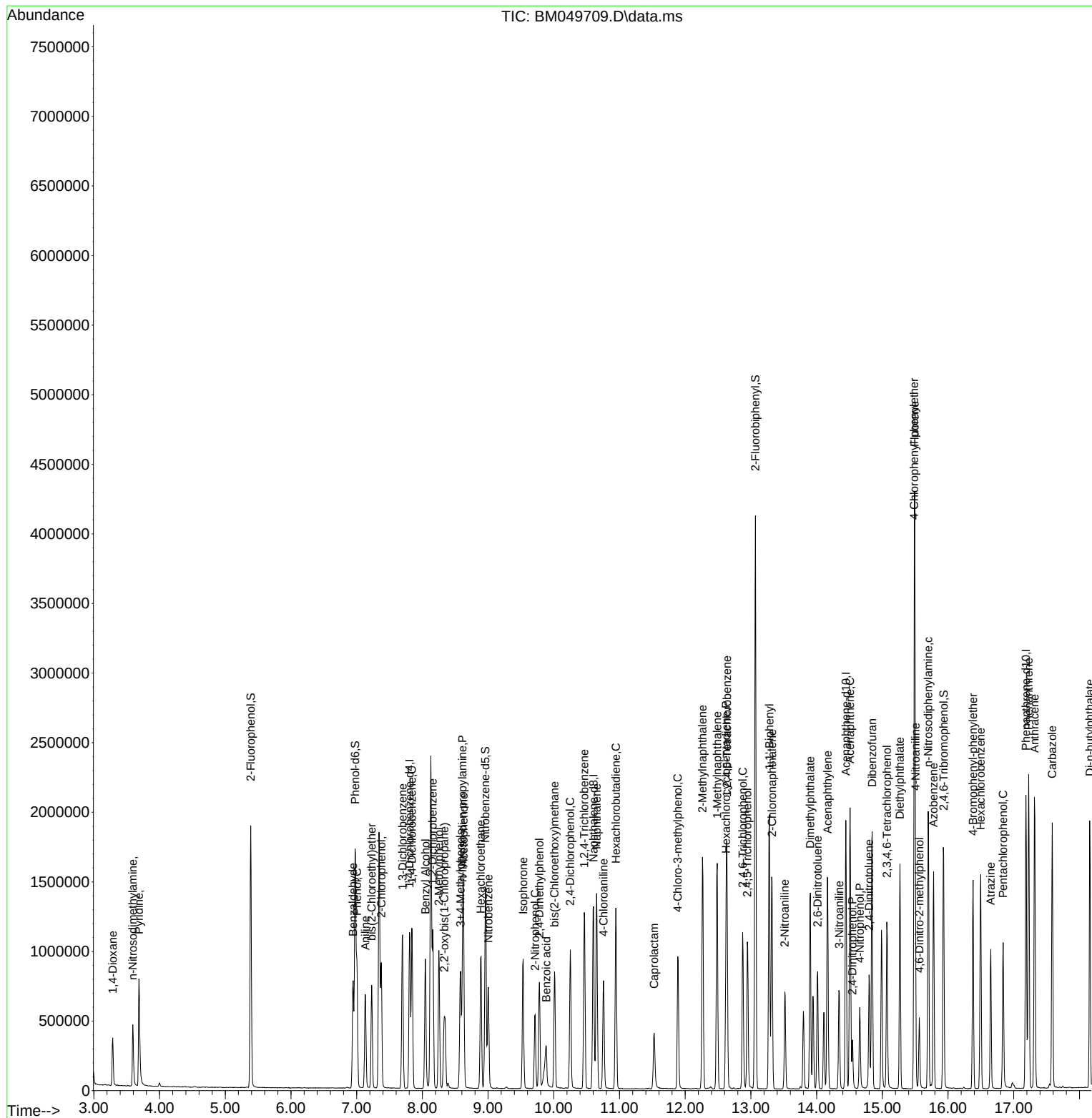
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	289238	19.723	ng	99
46) 1,1'-Biphenyl	13.280	154	1005064	19.963	ng	99
47) 2-Chloronaphthalene	13.322	162	779763	19.898	ng	99
48) 2-Nitroaniline	13.516	65	170895	19.426	ng	96
49) Acenaphthylene	14.169	152	1081919	19.752	ng	100
50) Dimethylphthalate	13.904	163	899648	20.003	ng	99
51) 2,6-Dinitrotoluene	14.016	165	178893	19.851	ng	99
52) Acenaphthene	14.510	154	700438	19.519	ng	99
53) 3-Nitroaniline	14.345	138	168909	19.697	ng	99
54) 2,4-Dinitrophenol	14.545	184	72346	20.242	ng	99
55) Dibenzofuran	14.845	168	1184764	19.789	ng	99
56) 4-Nitrophenol	14.657	139	136931	18.344	ng	99
57) 2,4-Dinitrotoluene	14.798	165	225172	19.418	ng	95
58) Fluorene	15.492	166	949720	19.484	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	239188	19.485	ng	98
60) Diethylphthalate	15.269	149	839716	19.824	ng	98
61) 4-Chlorophenyl-phenyle...	15.486	204	511663	19.223	ng	93
62) 4-Nitroaniline	15.504	138	174539	19.525	ng	100
63) Azobenzene	15.780	77	804689	19.889	ng	99
65) 4,6-Dinitro-2-methylph...	15.563	198	105000	20.361	ng	88
66) n-Nitrosodiphenylamine	15.698	169	725911	19.917	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	273093	19.663	ng	99
68) Hexachlorobenzene	16.498	284	304632	19.505	ng	99
69) Atrazine	16.651	200	173431	21.592	ng	99
70) Pentachlorophenol	16.839	266	174643	17.794	ng	99
71) Phenanthrene	17.227	178	1304624	19.532	ng	99
72) Anthracene	17.315	178	1269013	19.617	ng	100
73) Carbazole	17.586	167	1145728	19.557	ng	100
74) Di-n-butylphthalate	18.157	149	1254005	19.530	ng	99
75) Fluoranthene	19.239	202	1446853	18.815	ng	99
77) Benzidine	19.427	184	310871	23.868	ng	99
78) Pyrene	19.604	202	1507240	19.900	ng	99
80) Butylbenzylphthalate	20.509	149	463918	19.737	ng	97
81) Benzo(a)anthracene	21.403	228	1428447	19.727	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	429145	18.203	ng	99
83) Chrysene	21.468	228	1364401	19.877	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	735062	20.066	ng	98
85) Di-n-octyl phthalate	22.480	149	1034304	18.166	ng	99
87) Indeno(1,2,3-cd)pyrene	27.838	276	1398710	19.195	ng	99
88) Benzo(b)fluoranthene	23.486	252	1313124	19.257	ng	100
89) Benzo(k)fluoranthene	23.550	252	1310136	19.526	ng	99
90) Benzo(a)pyrene	24.291	252	1098704	19.183	ng	100
91) Dibenzo(a,h)anthracene	27.897	278	1165557	19.199	ng	99
92) Benzo(g,h,i)perylene	28.897	276	1187458	19.418	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049709.D
Acq On : 13 Mar 2025 11:00
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

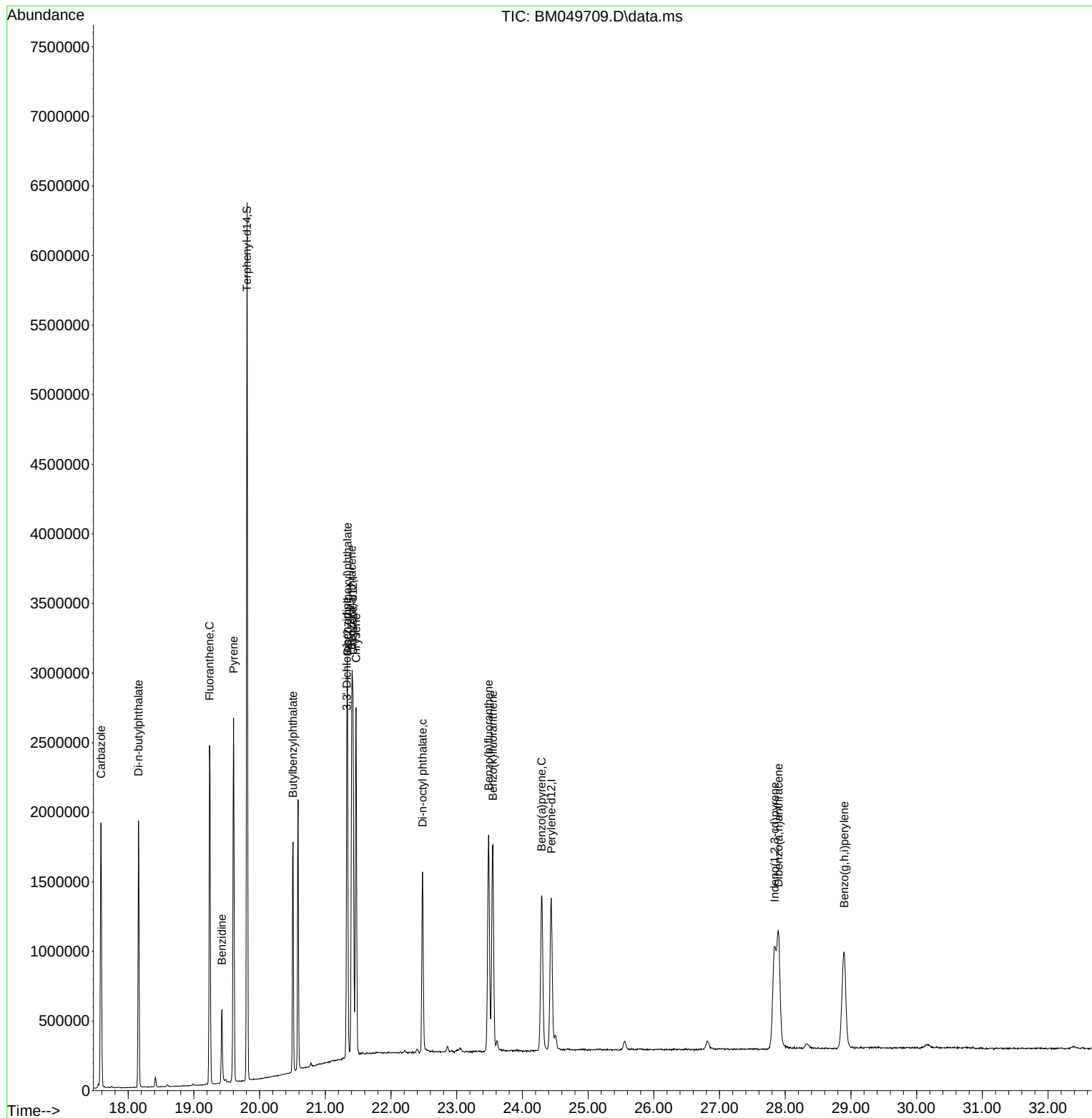
Quant Time: Mar 13 14:40:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration

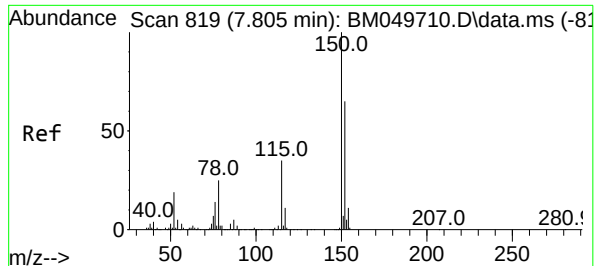


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049709.D
Acq On : 13 Mar 2025 11:00
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Mar 13 14:40:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration

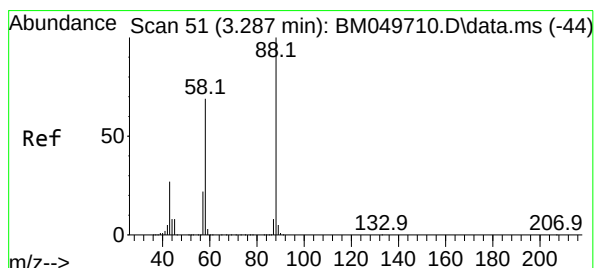
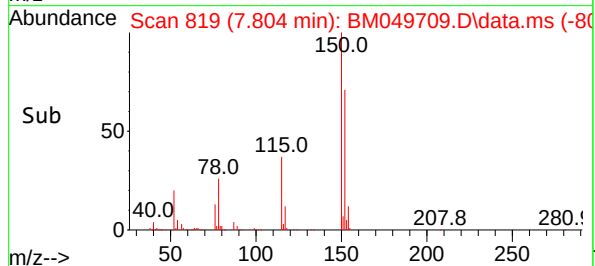
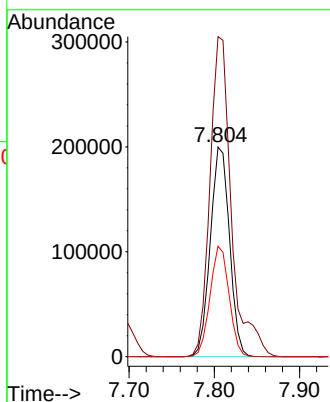
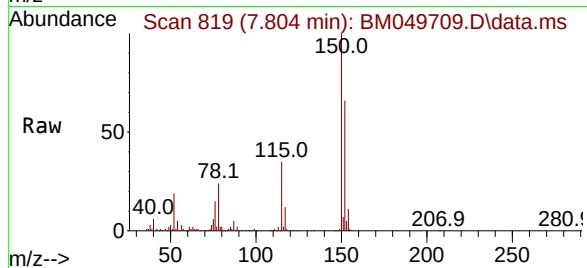




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.001 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

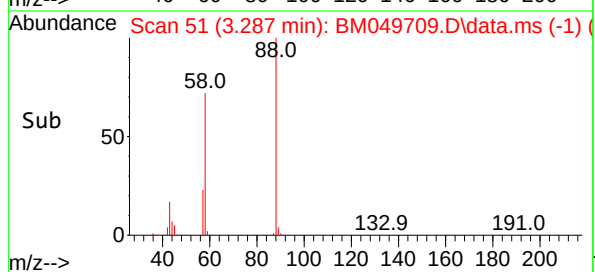
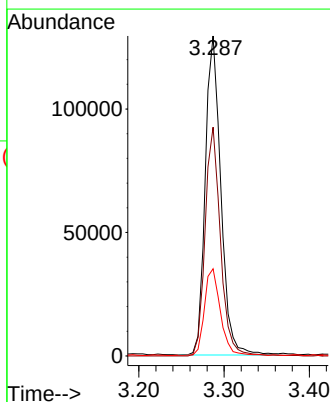
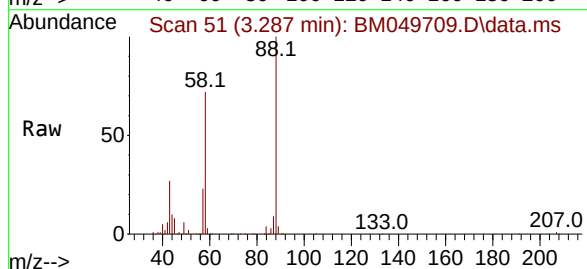
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

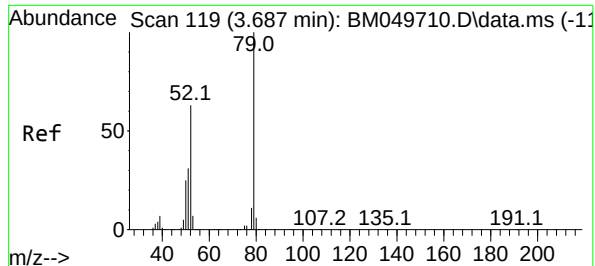
Tgt Ion:152 Resp: 313236
Ion Ratio Lower Upper
152 100
150 152.7 123.8 185.8
115 52.7 43.0 64.6



#2
1,4-Dioxane
Concen: 20.472 ng
RT: 3.287 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion: 88 Resp: 164522
Ion Ratio Lower Upper
88 100
58 70.8 56.7 85.1
43 27.8 22.6 34.0

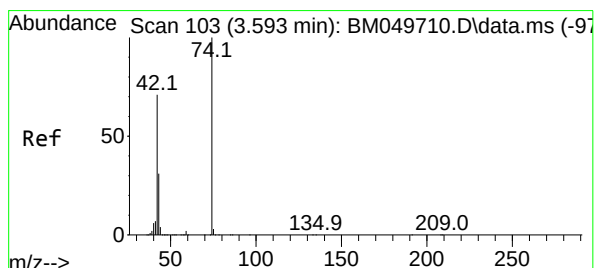
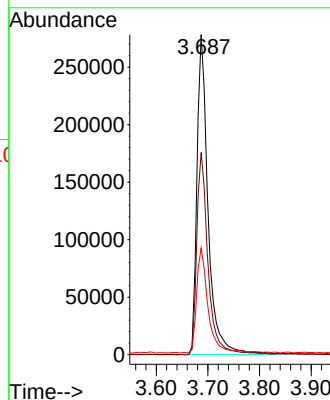
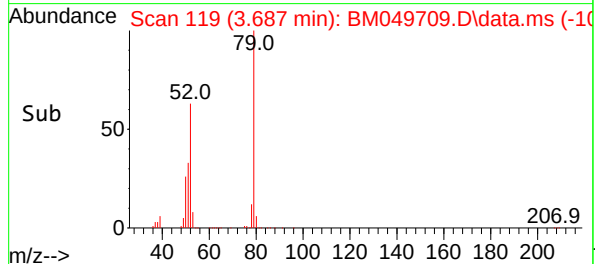
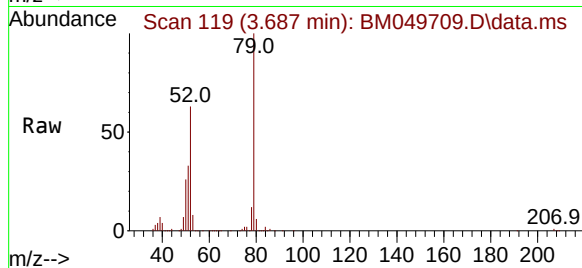




#3
Pyridine
Concen: 20.264 ng
RT: 3.687 min Scan# 119
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

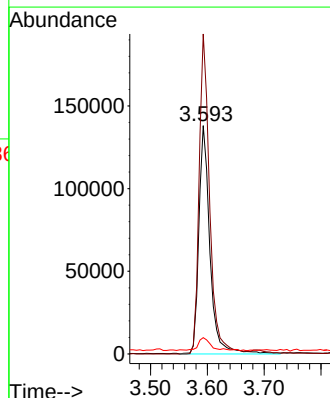
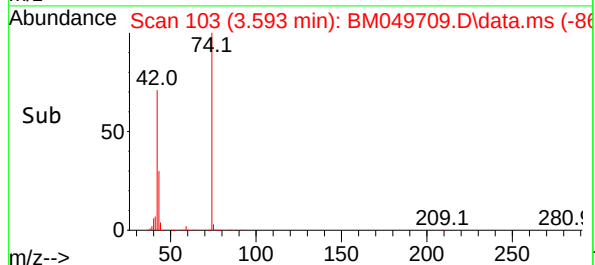
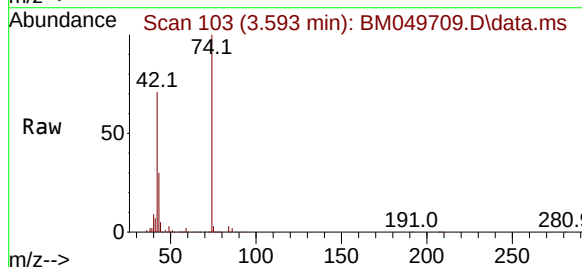
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

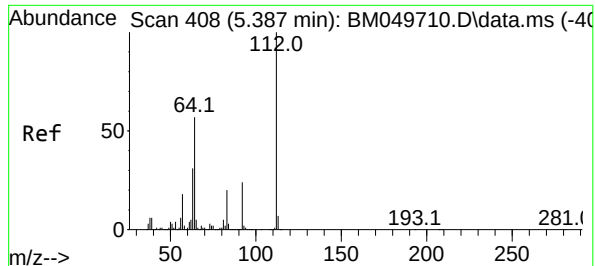
Tgt Ion: 79 Resp: 416413
Ion Ratio Lower Upper
79 100
52 63.2 50.1 75.1
51 33.4 25.2 37.8



#4
n-Nitrosodimethylamine
Concen: 20.695 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion: 42 Resp: 187929
Ion Ratio Lower Upper
42 100
74 140.2 112.6 168.8
44 7.2 5.0 7.6

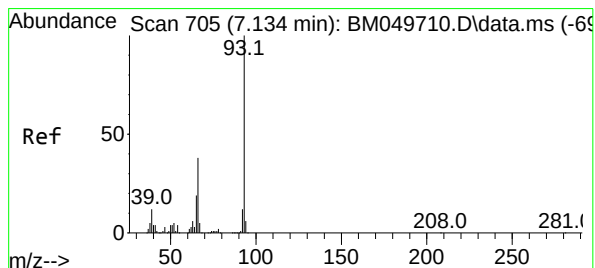
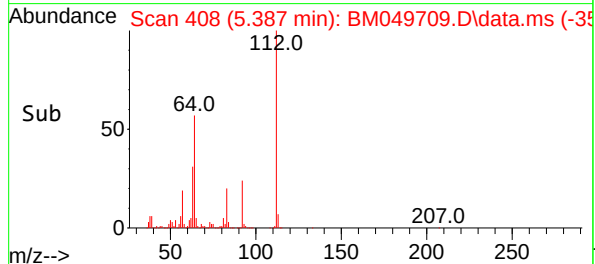
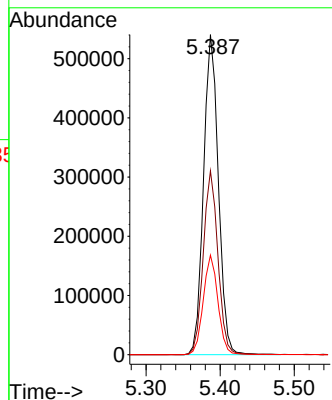
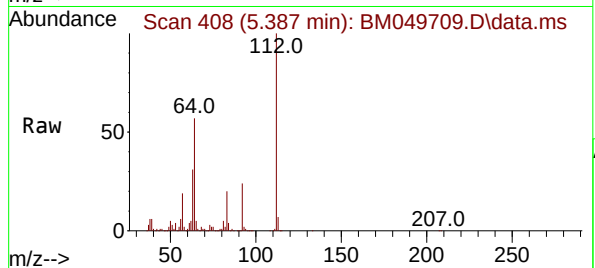




#5
2-Fluorophenol
Concen: 40.519 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

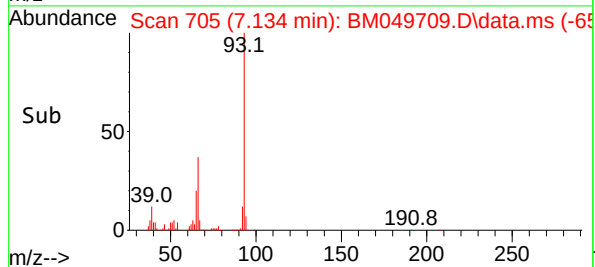
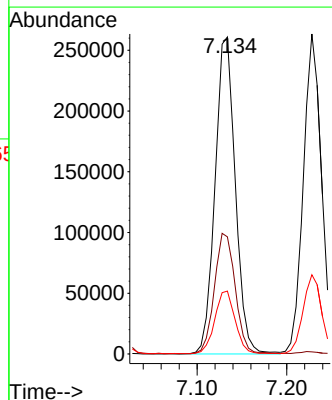
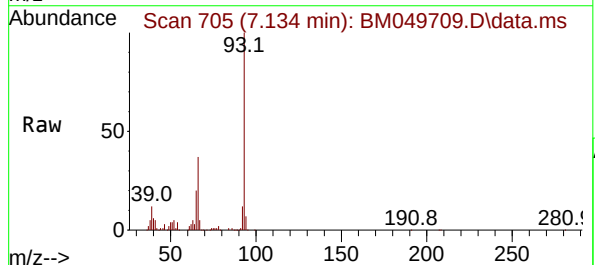
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

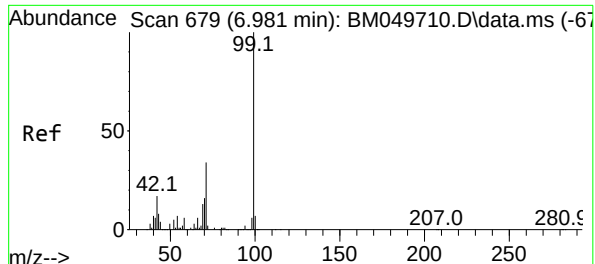
Tgt Ion:112 Resp: 752200
Ion Ratio Lower Upper
112 100
64 57.4 45.3 67.9
63 31.1 24.4 36.6



#6
Aniline
Concen: 20.965 ng
RT: 7.134 min Scan# 705
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion: 93 Resp: 409185
Ion Ratio Lower Upper
93 100
66 37.0 30.6 46.0
65 19.8 15.4 23.2

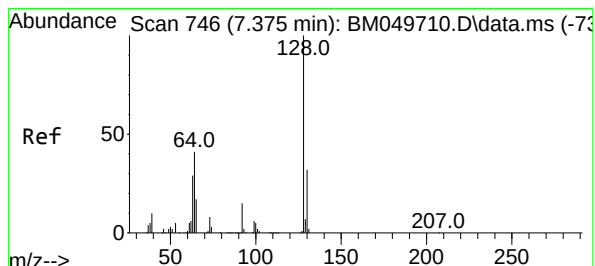
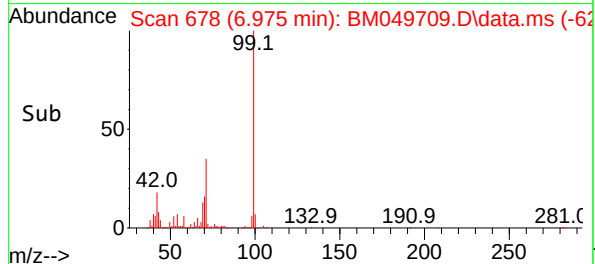
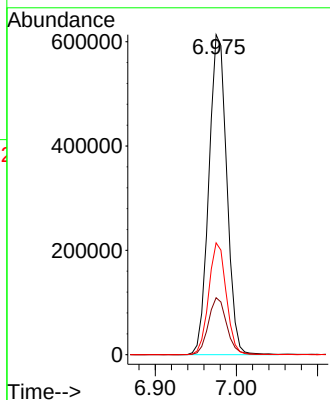
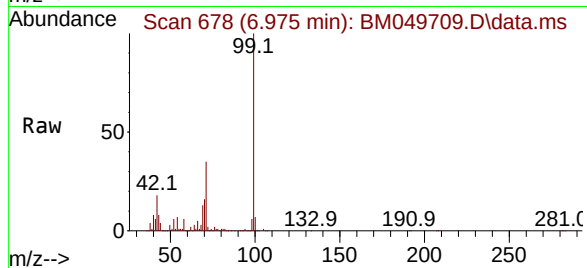




#7
Phenol-d6
Concen: 40.292 ng
RT: 6.975 min Scan# 679
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

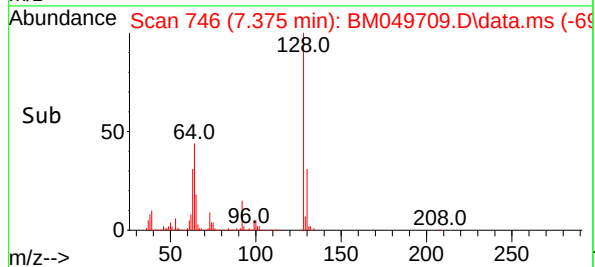
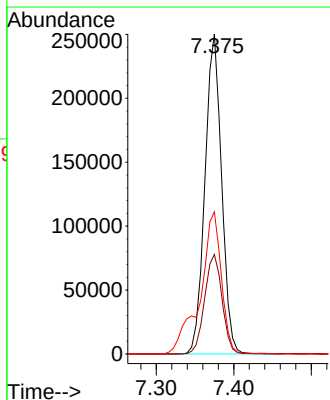
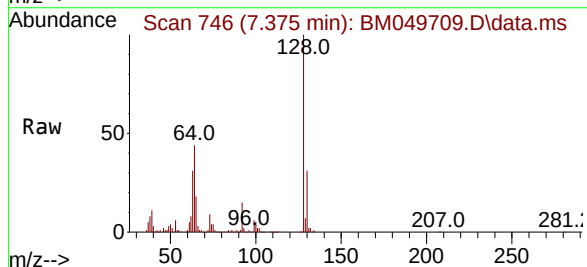
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

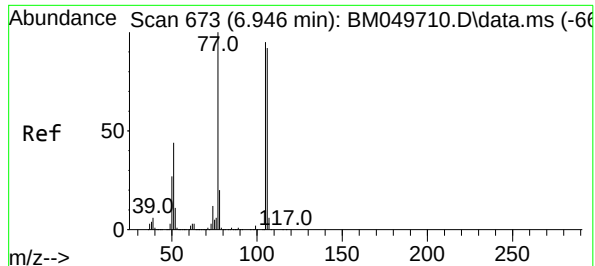
Tgt Ion: 99 Resp: 938684
Ion Ratio Lower Upper
99 100
42 17.8 13.6 20.4
71 35.0 27.0 40.6



#8
2-Chlorophenol
Concen: 20.324 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion: 128 Resp: 373637
Ion Ratio Lower Upper
128 100
130 31.1 12.5 52.5
64 44.4 24.9 64.9

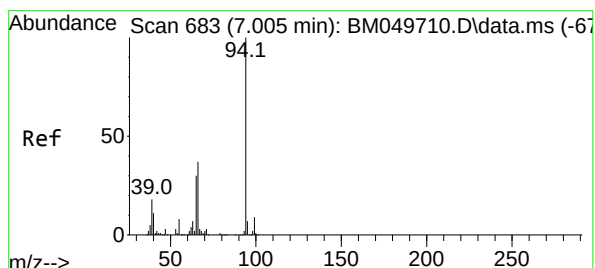
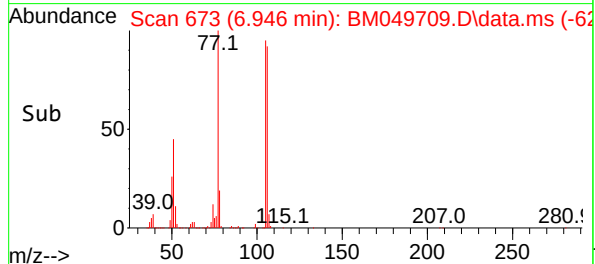
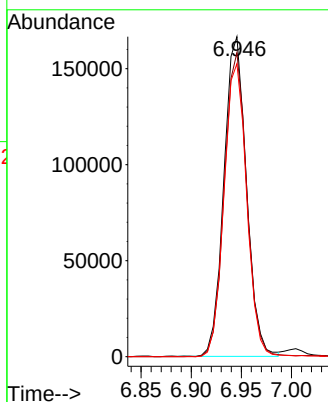
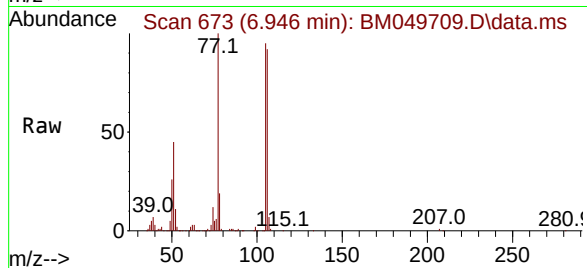




#9
Benzaldehyde
Concen: 22.564 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

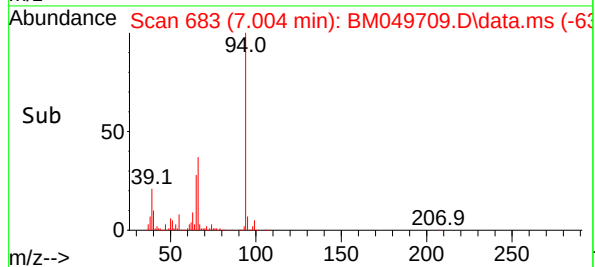
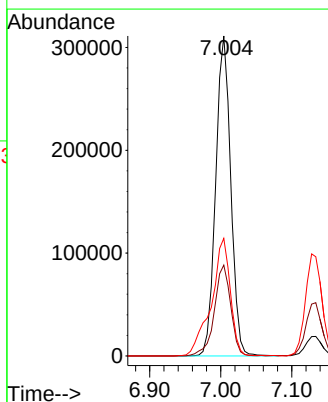
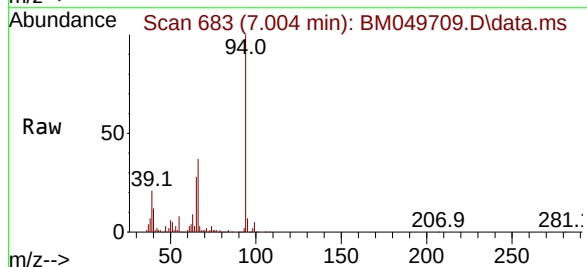
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

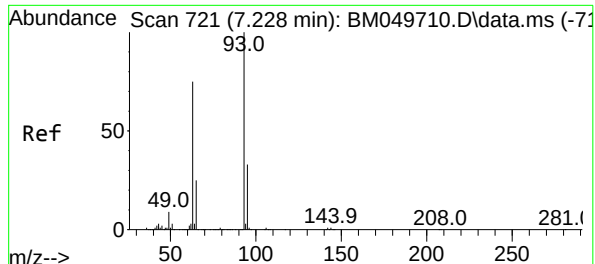
Tgt Ion: 77 Resp: 259870
Ion Ratio Lower Upper
77 100
105 95.0 75.0 115.0
106 91.6 72.3 112.3



#10
Phenol
Concen: 20.287 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion: 94 Resp: 458278
Ion Ratio Lower Upper
94 100
65 28.4 10.4 50.4
66 36.7 17.1 57.1

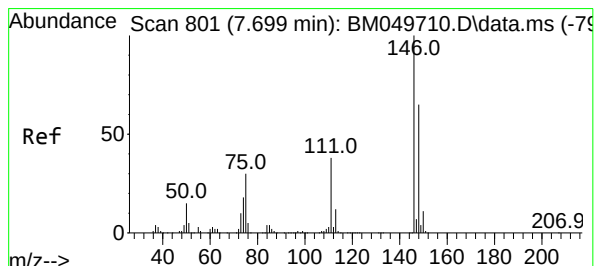
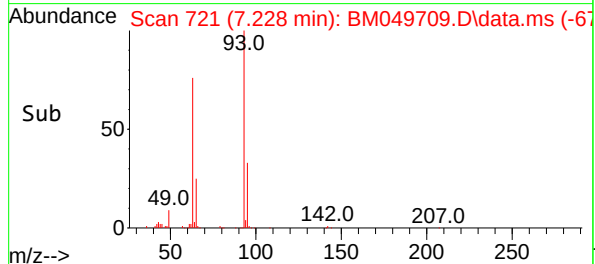
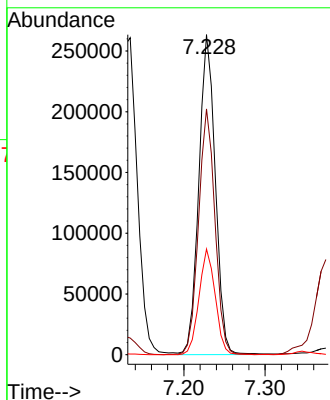
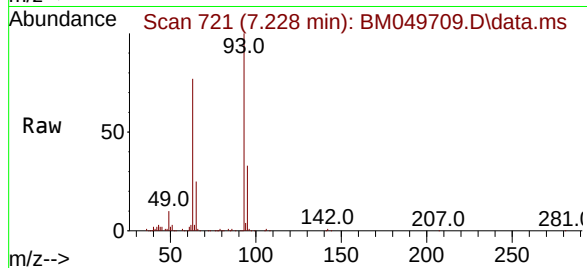




#11
bis(2-Chloroethyl)ether
Concen: 20.364 ng
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

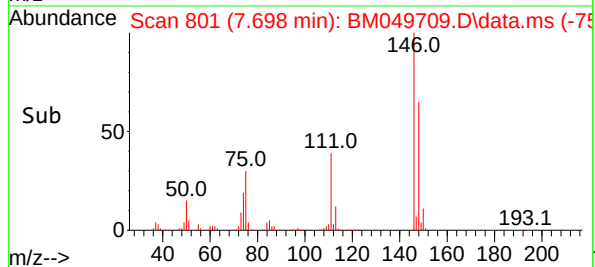
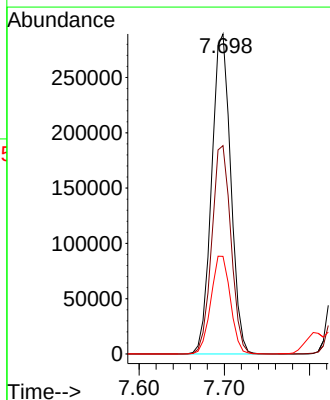
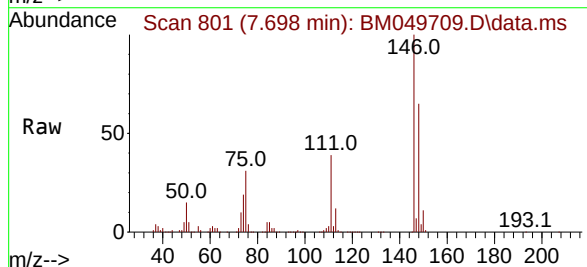
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

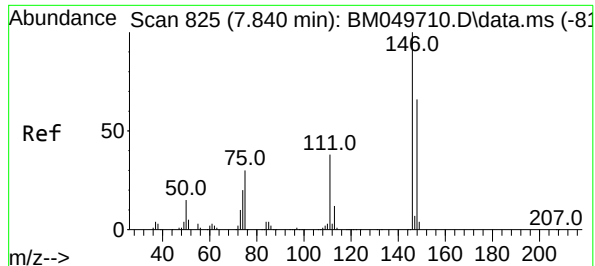
Tgt Ion: 93 Resp: 372516
Ion Ratio Lower Upper
93 100
63 76.8 54.8 94.8
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 20.159 ng
RT: 7.698 min Scan# 801
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion: 146 Resp: 450375
Ion Ratio Lower Upper
146 100
148 65.1 52.3 78.5
75 30.5 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 20.429 ng

RT: 7.840 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

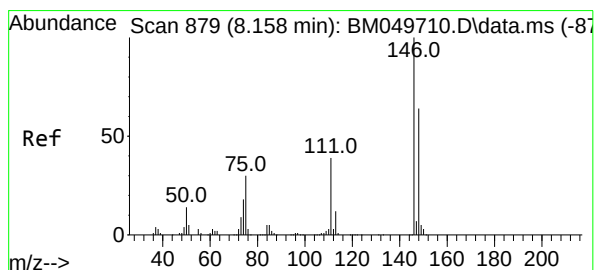
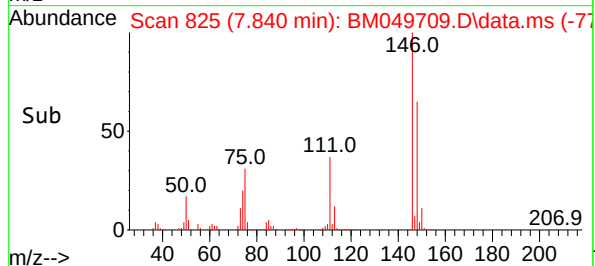
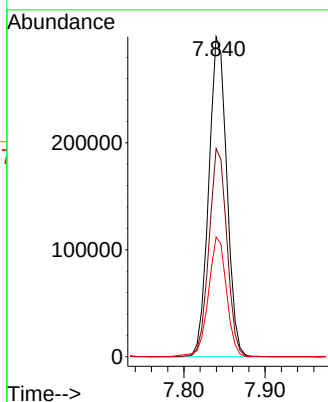
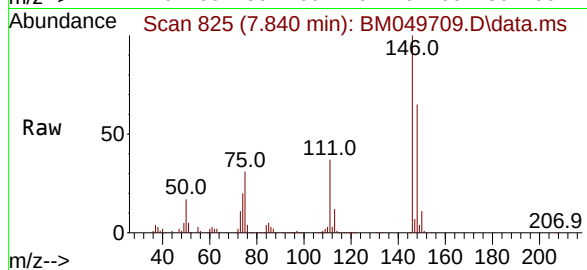
Tgt Ion:146 Resp: 460432

Ion Ratio Lower Upper

146 100

148 65.0 52.6 79.0

111 37.4 30.8 46.2



#14

1,2-Dichlorobenzene

Concen: 20.546 ng

RT: 8.157 min Scan# 879

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

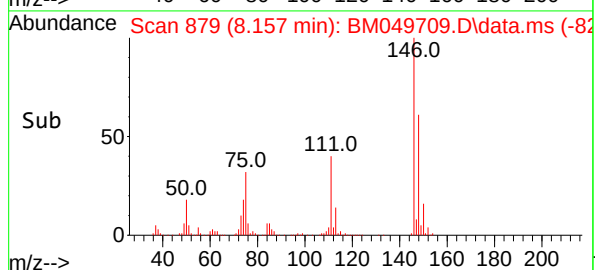
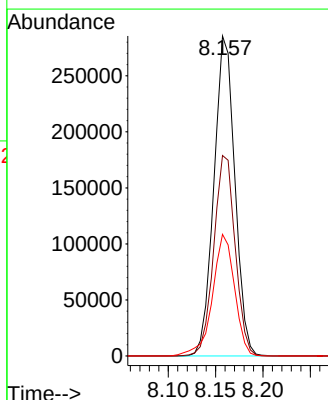
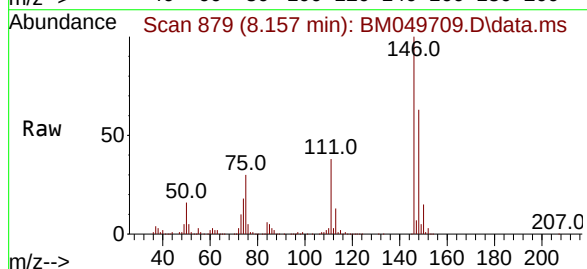
Tgt Ion:146 Resp: 440083

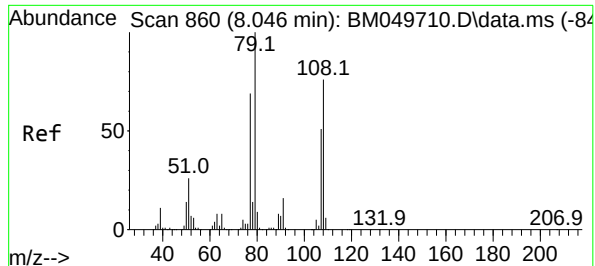
Ion Ratio Lower Upper

146 100

148 62.6 50.9 76.3

111 38.0 31.0 46.6





#15

Benzyl Alcohol

Concen: 19.972 ng

RT: 8.045 min Scan# 80

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

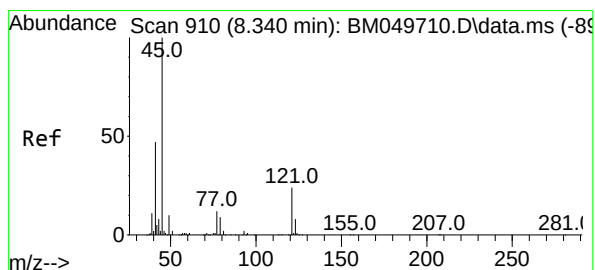
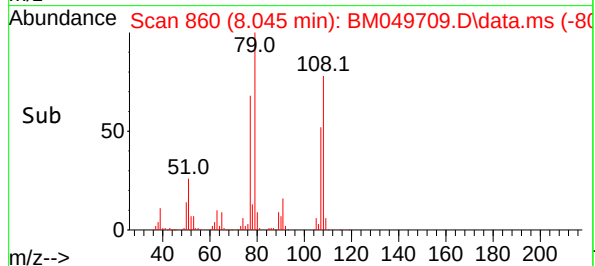
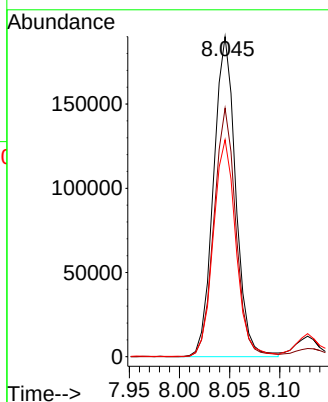
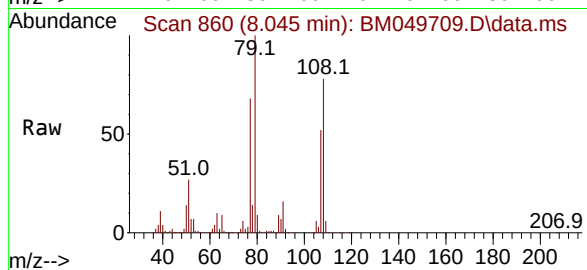
Tgt Ion: 79 Resp: 291985

Ion Ratio Lower Upper

79 100

108 77.7 60.7 91.1

77 67.8 55.4 83.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.767 ng

RT: 8.334 min Scan# 909

Delta R.T. -0.006 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

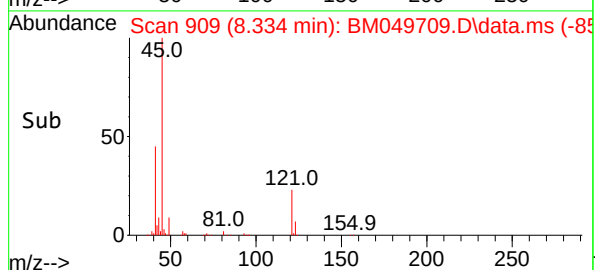
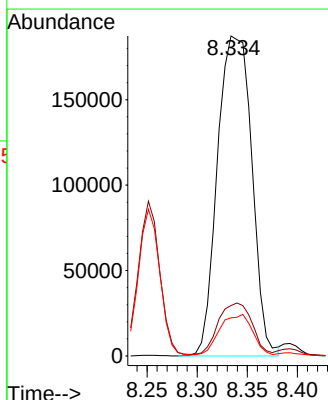
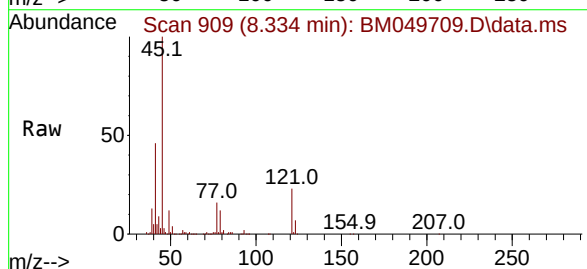
Tgt Ion: 45 Resp: 446479

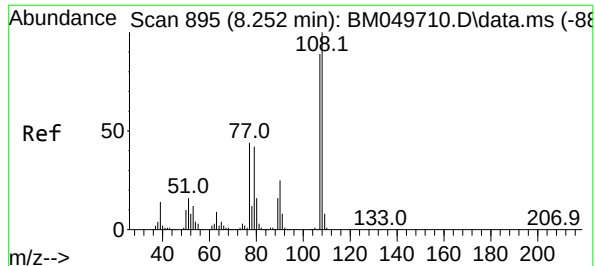
Ion Ratio Lower Upper

45 100

77 15.8 0.0 36.1

79 11.9 0.0 32.8





#17

2-Methylphenol

Concen: 20.463 ng

RT: 8.251 min Scan# 895

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 274444

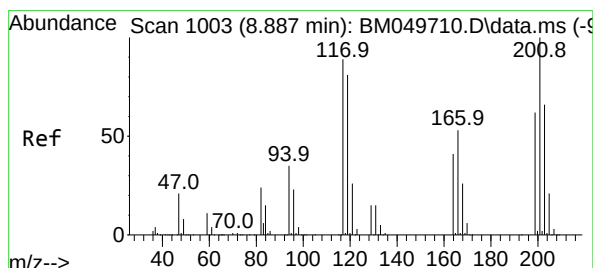
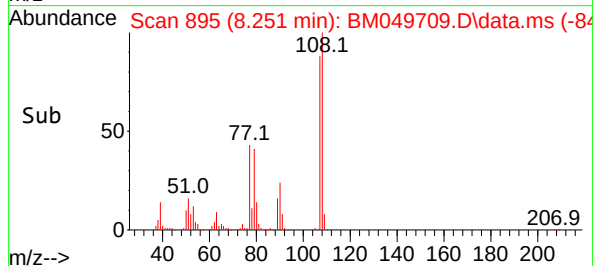
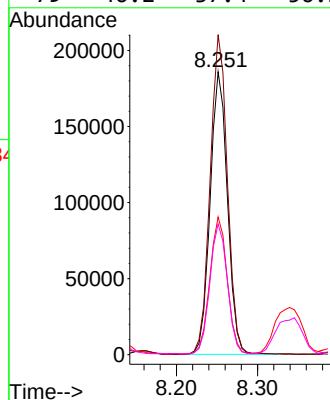
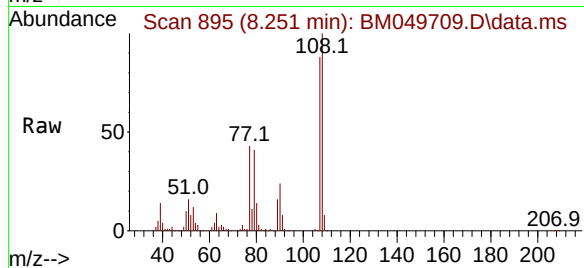
Ion Ratio Lower Upper

107 100

108 113.1 89.6 134.4

77 48.7 39.8 59.6

79 46.2 37.4 56.2



#18

Hexachloroethane

Concen: 20.141 ng

RT: 8.887 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

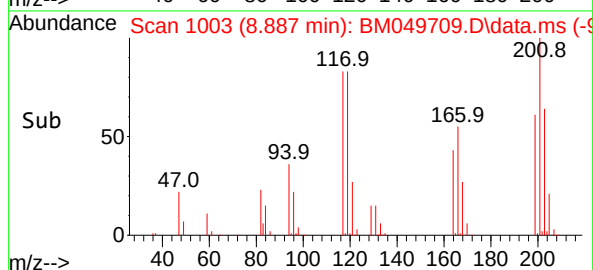
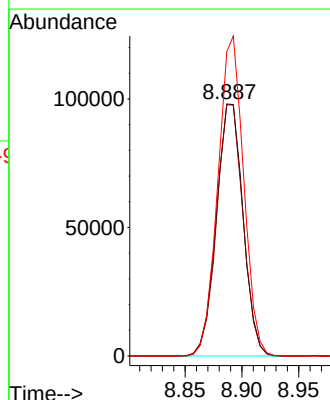
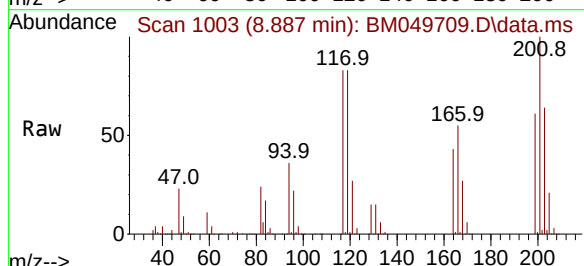
Tgt Ion:117 Resp: 160305

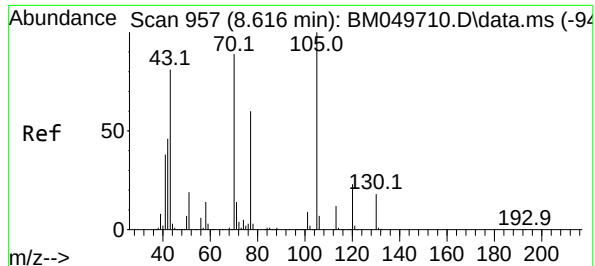
Ion Ratio Lower Upper

117 100

119 99.7 73.1 109.7

201 120.7 90.0 135.0

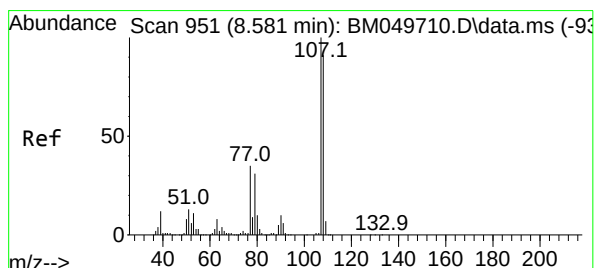
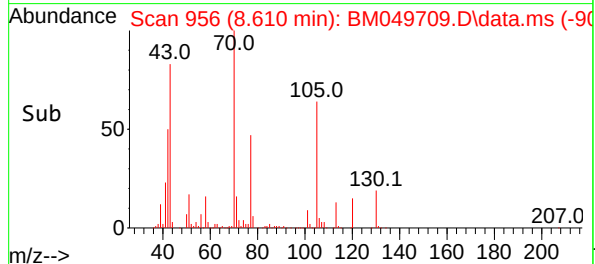
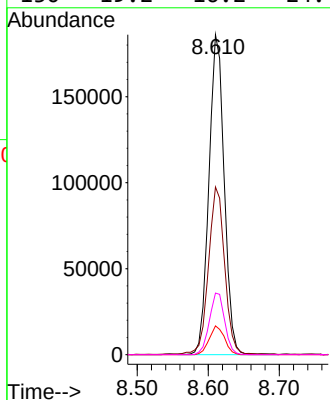
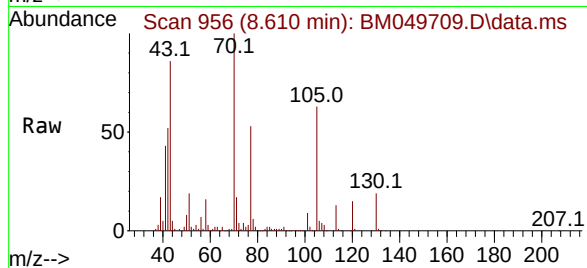




#19
n-Nitroso-di-n-propylamine
Concen: 20.673 ng
RT: 8.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

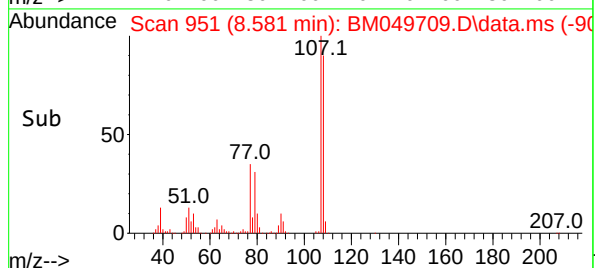
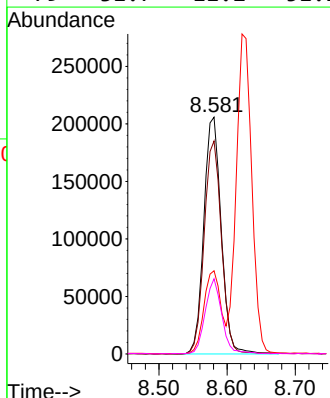
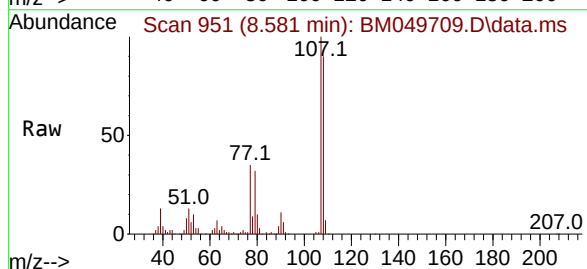
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

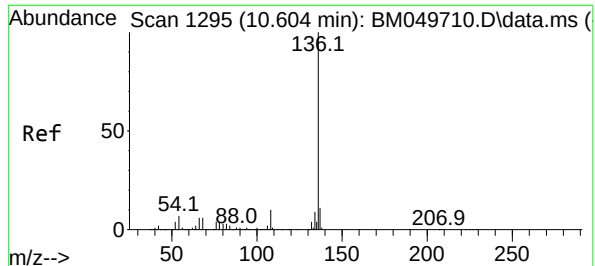
Tgt Ion: 70 Resp: 279276
Ion Ratio Lower Upper
70 100
42 52.4 41.8 62.6
101 9.0 7.7 11.5
130 19.2 16.2 24.4



#20
3+4-Methylphenols
Concen: 20.356 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion: 107 Resp: 365852
Ion Ratio Lower Upper
107 100
108 90.0 71.0 111.0
77 35.1 15.1 55.1
79 31.7 11.2 51.2

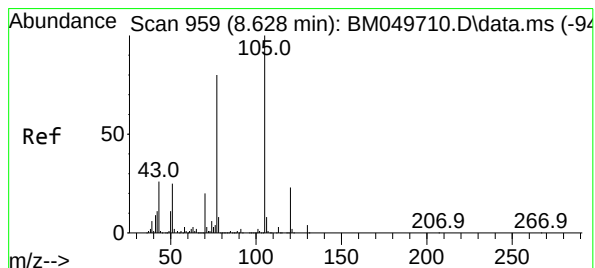
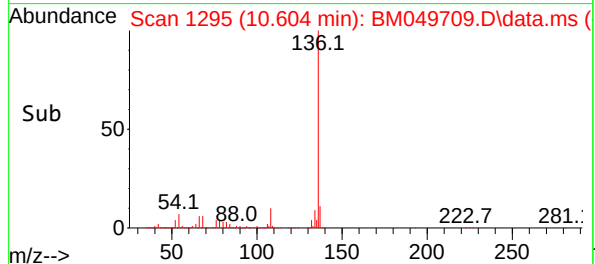
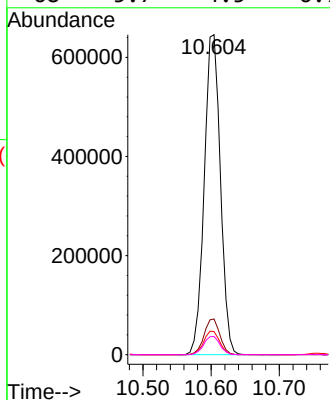
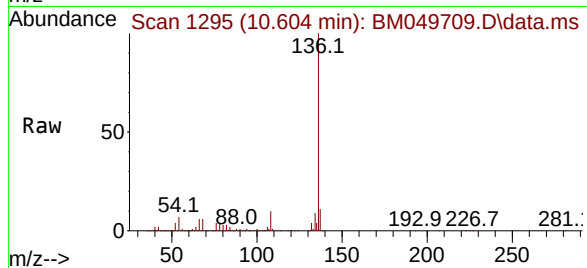




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

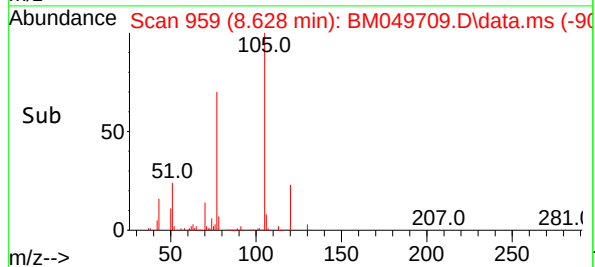
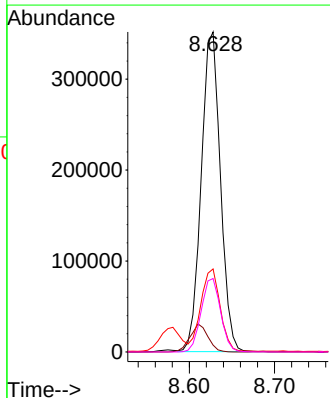
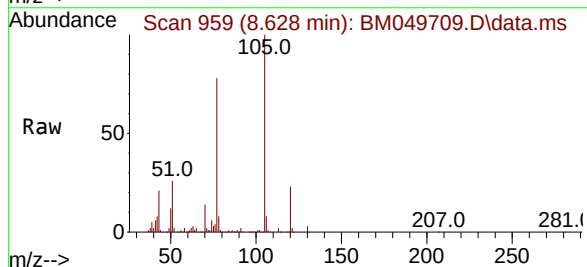
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

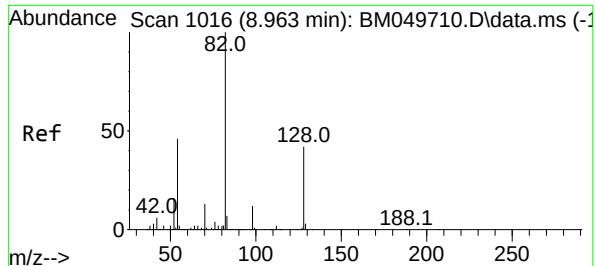
Tgt Ion:136 Resp: 1063554
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 7.2 5.8 8.8
68 5.7 4.5 6.7



#22
Acetophenone
Concen: 20.031 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:105 Resp: 549310
Ion Ratio Lower Upper
105 100
71 2.2 2.5 3.7#
51 25.9 19.9 29.9
120 23.0 18.3 27.5





#23

Nitrobenzene-d5

Concen: 40.268 ng

RT: 8.957 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

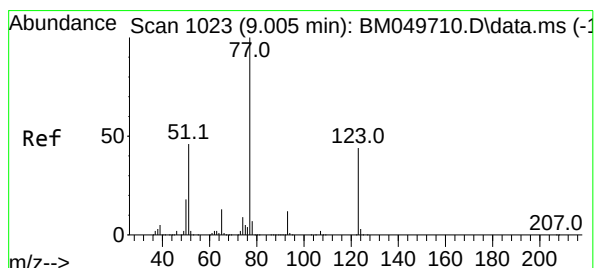
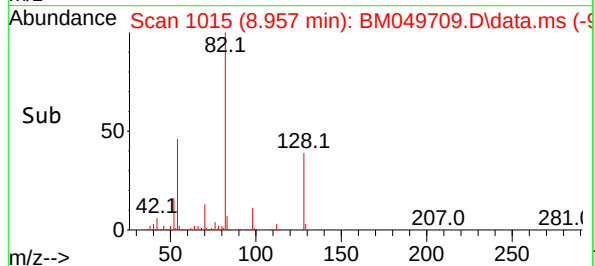
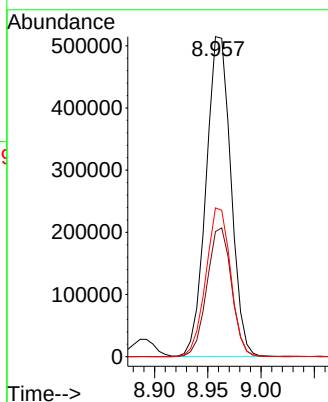
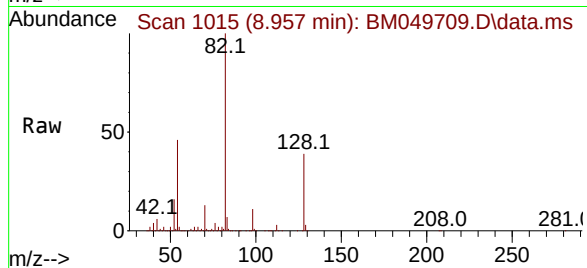
Tgt Ion: 82 Resp: 834165

Ion Ratio Lower Upper

82 100

128 39.1 33.4 50.0

54 46.5 36.4 54.6



#24

Nitrobenzene

Concen: 20.420 ng

RT: 9.004 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

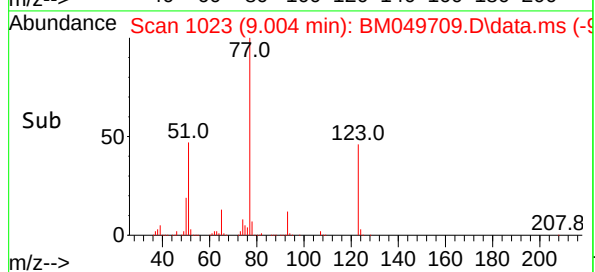
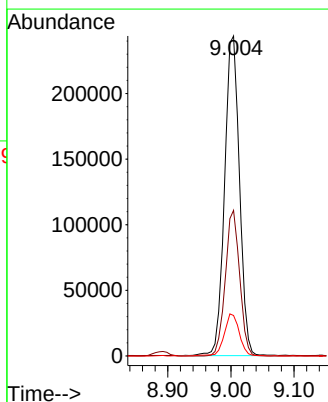
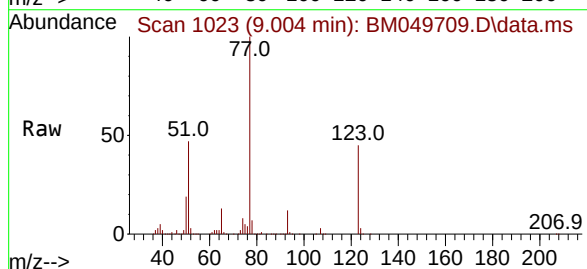
Tgt Ion: 77 Resp: 398868

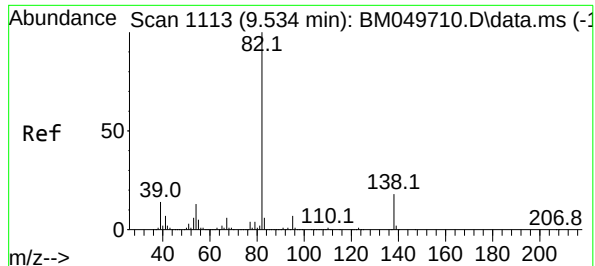
Ion Ratio Lower Upper

77 100

123 45.5 34.9 52.3

65 12.7 10.6 15.8

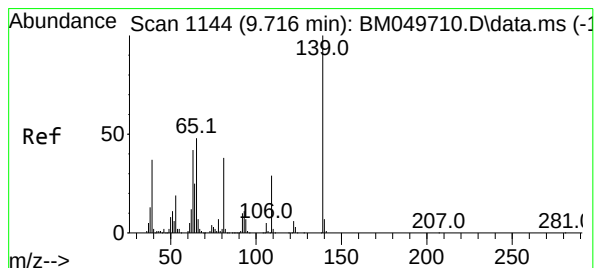
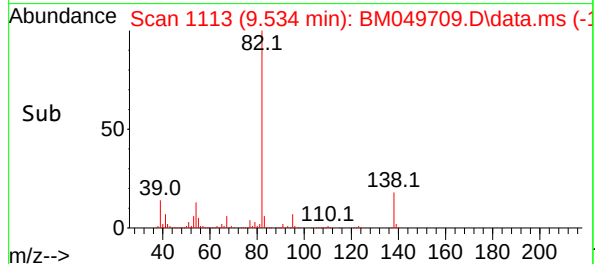
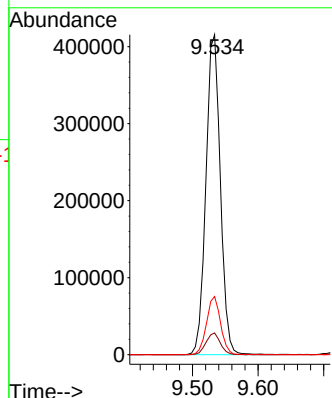
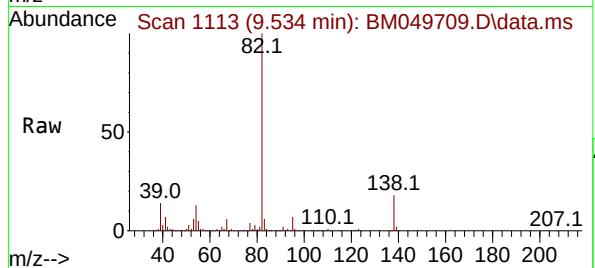




#25
Isophorone
Concen: 20.020 ng
RT: 9.534 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

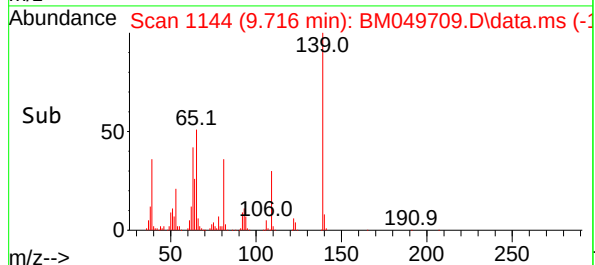
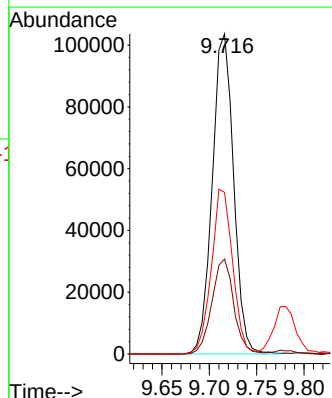
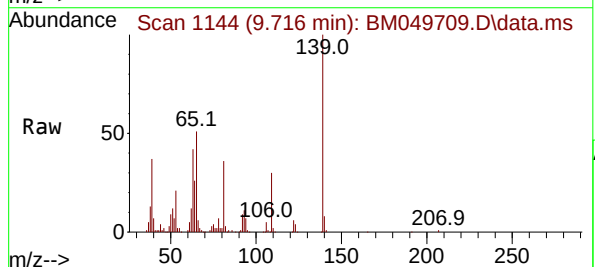
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

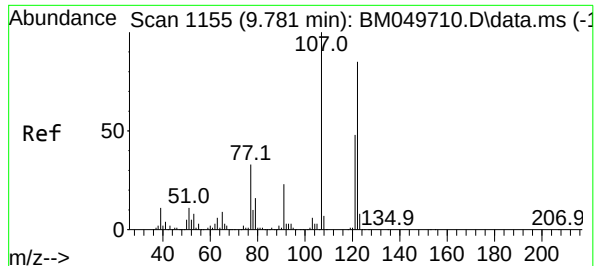
Tgt Ion: 82 Resp: 636755
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.2 14.4 21.6



#26
2-Nitrophenol
Concen: 19.534 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion: 139 Resp: 162399
Ion Ratio Lower Upper
139 100
109 29.7 23.3 34.9
65 50.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 20.023 ng

RT: 9.781 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

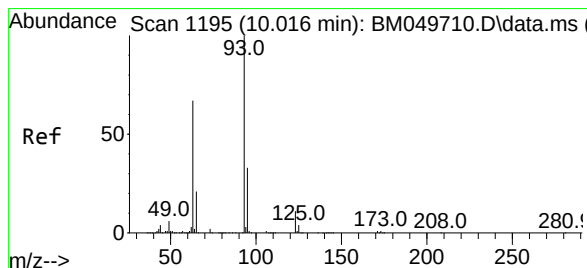
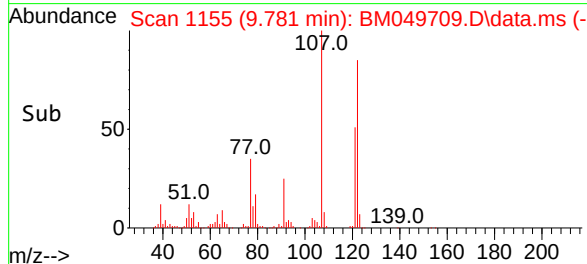
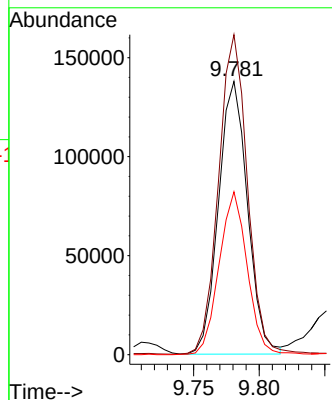
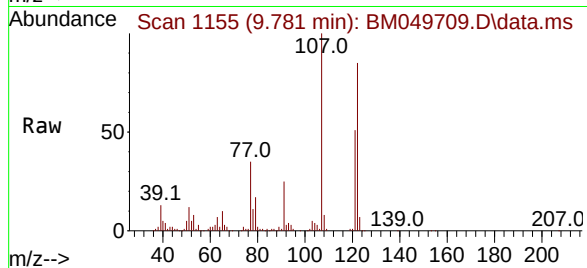
Tgt Ion:122 Resp: 211884

Ion Ratio Lower Upper

122 100

107 117.1 94.3 141.5

121 59.6 45.4 68.2



#28

bis(2-Chloroethoxy)methane

Concen: 20.407 ng

RT: 10.010 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

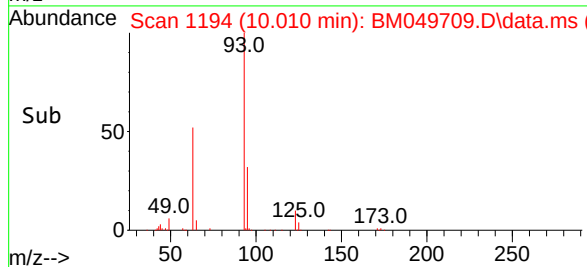
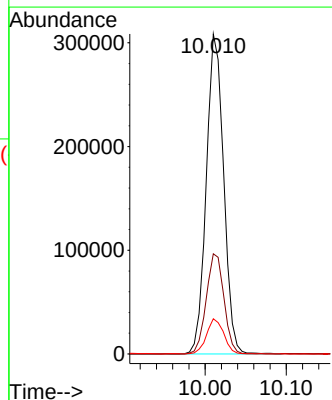
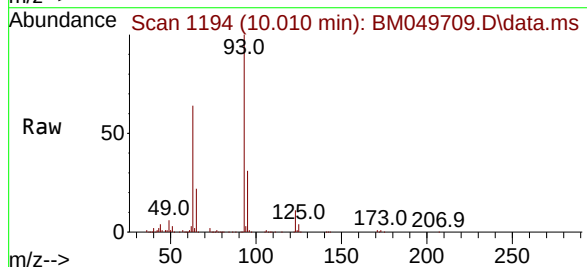
Tgt Ion: 93 Resp: 457141

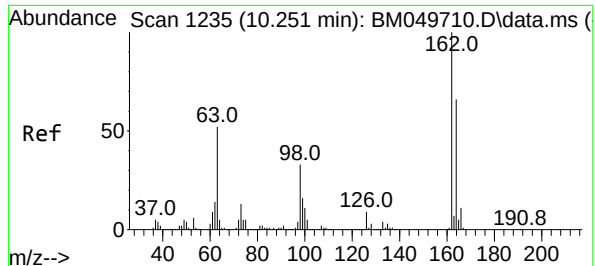
Ion Ratio Lower Upper

93 100

95 31.3 26.6 40.0

123 11.0 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 20.208 ng

RT: 10.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

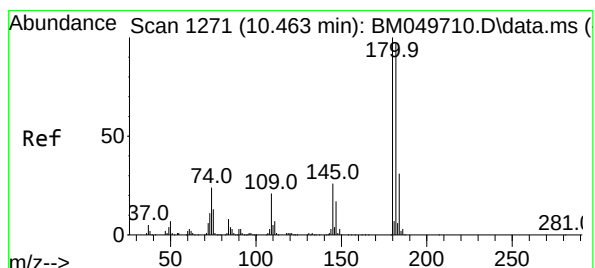
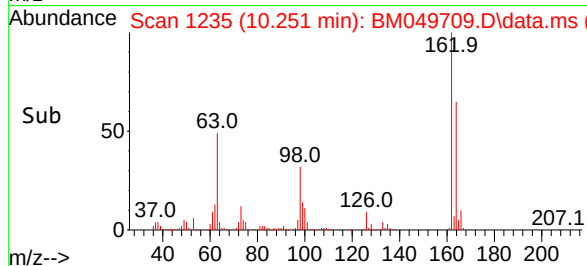
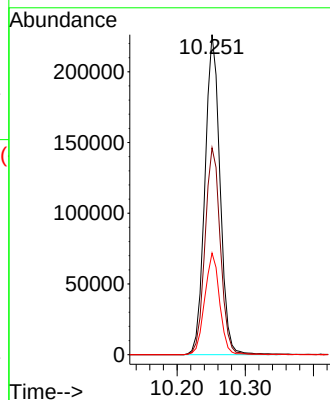
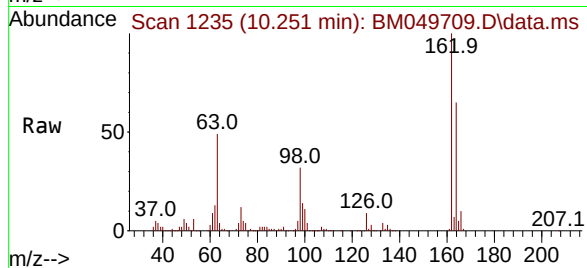
Tgt Ion:162 Resp: 348455

Ion Ratio Lower Upper

162 100

164 64.7 46.3 86.3

98 31.8 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 20.513 ng

RT: 10.463 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

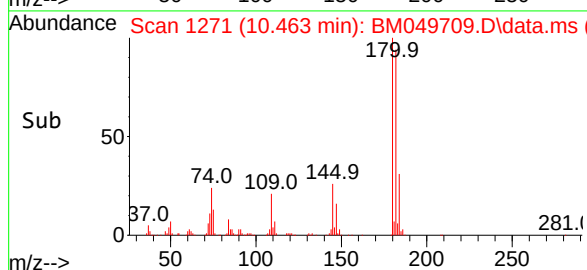
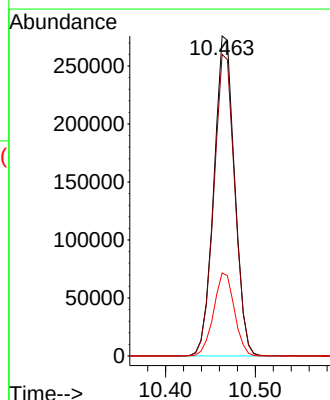
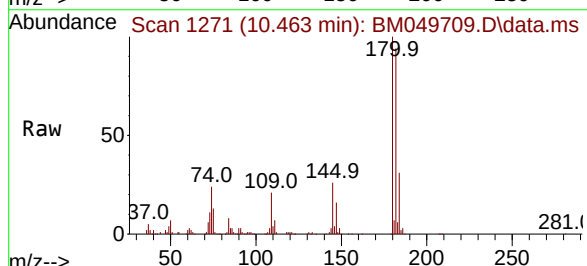
Tgt Ion:180 Resp: 442553

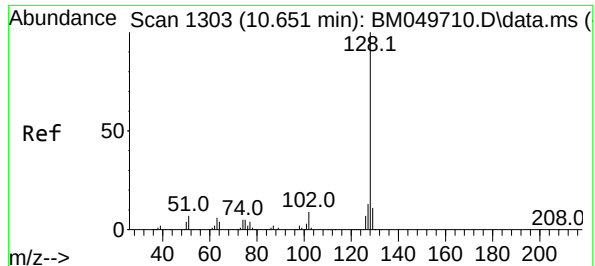
Ion Ratio Lower Upper

180 100

182 94.3 77.7 116.5

145 26.0 21.0 31.4

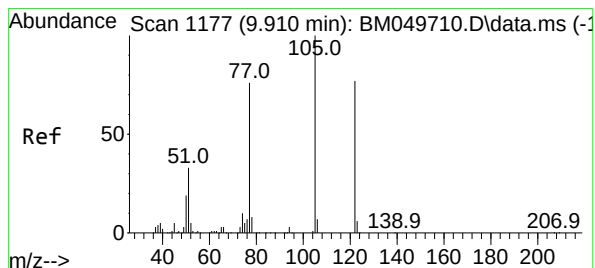
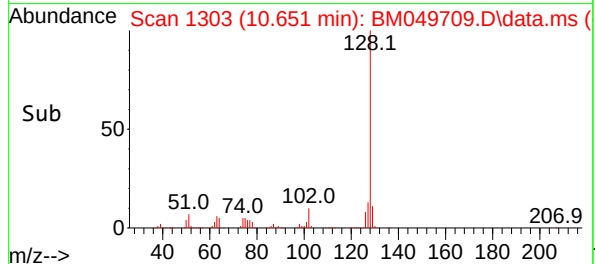
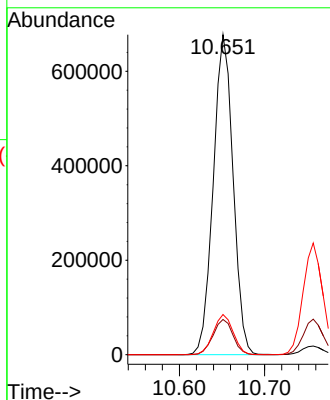
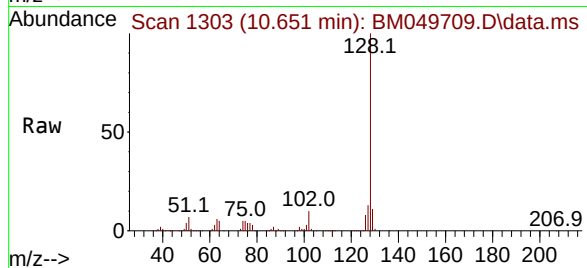




#31
Naphthalene
Concen: 20.012 ng
RT: 10.651 min Scan# 111
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

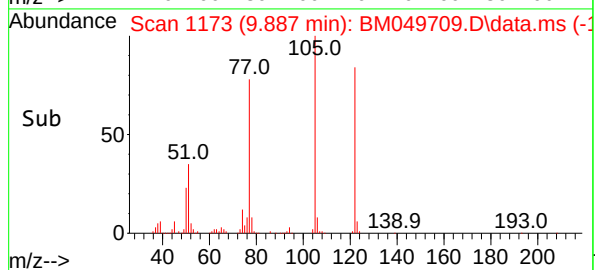
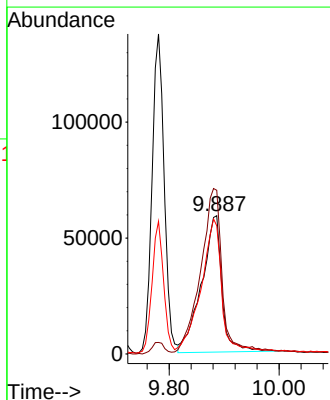
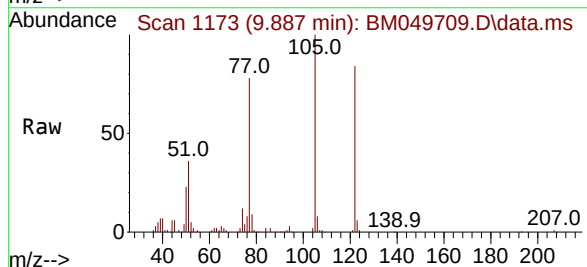
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

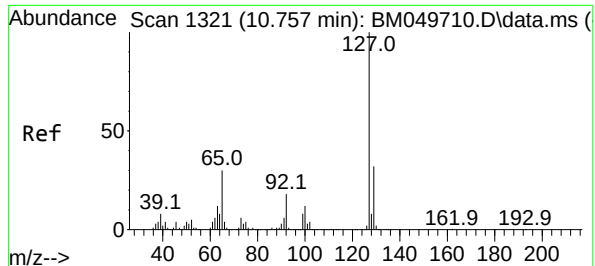
Tgt Ion:128 Resp: 1094433
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.6 10.4 15.6



#32
Benzoic acid
Concen: 16.977 ng
RT: 9.887 min Scan# 1173
Delta R.T. -0.023 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:122 Resp: 152840
Ion Ratio Lower Upper
122 100
105 118.3 105.6 145.6
77 92.7 76.9 116.9

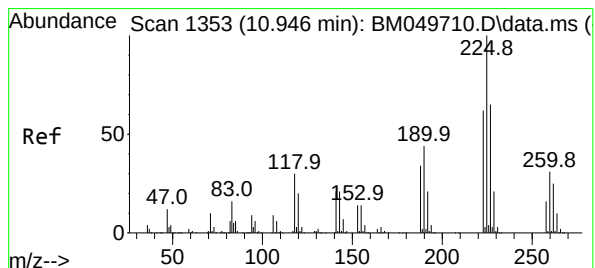
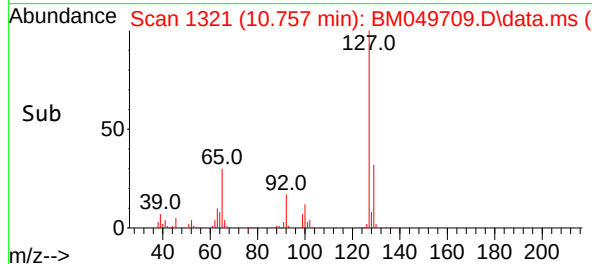
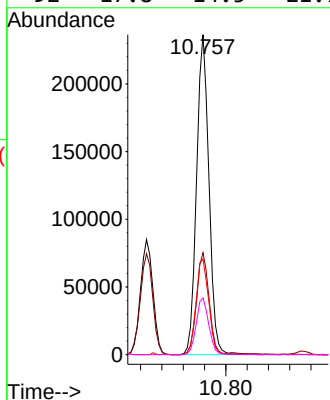
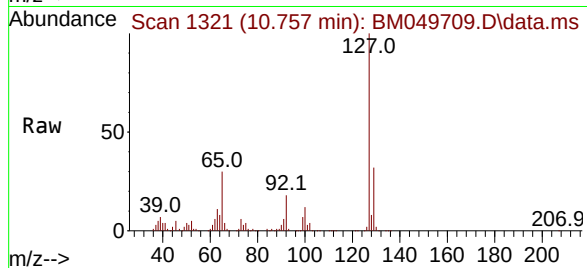




#33
4-Chloroaniline
Concen: 20.480 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

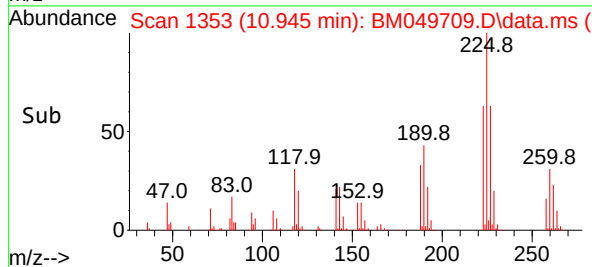
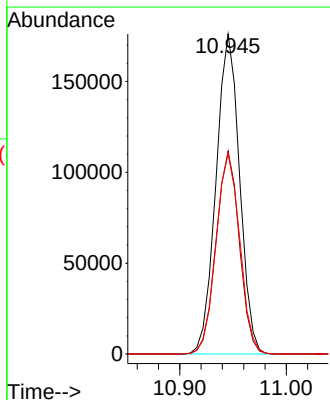
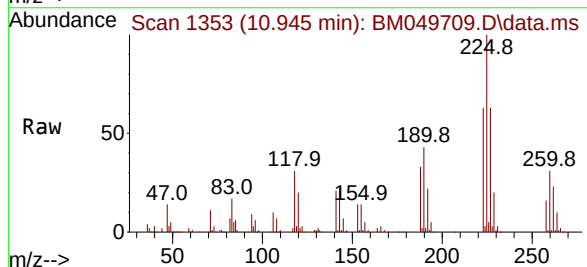
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

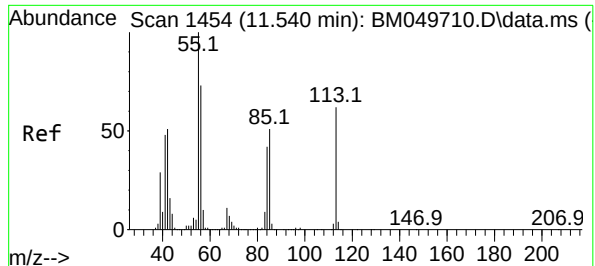
Tgt Ion:	127	Resp:	382245
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	30.0	24.1	36.1
92	17.8	14.5	21.7



#34
Hexachlorobutadiene
Concen: 20.294 ng
RT: 10.945 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:	225	Resp:	270278
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.8
227	62.5	52.1	78.1

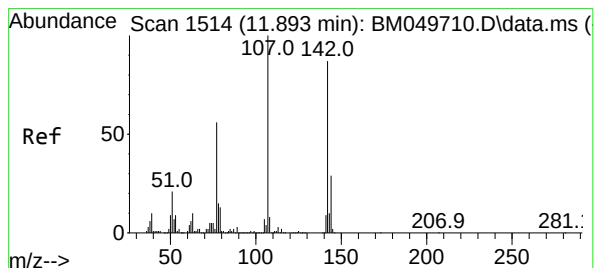
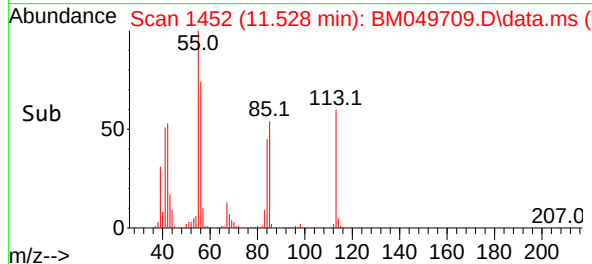
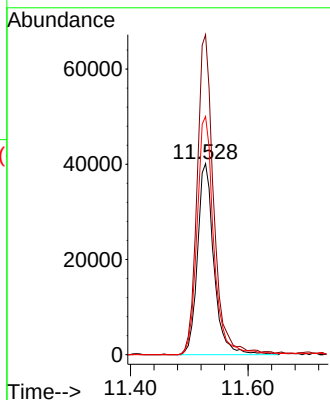
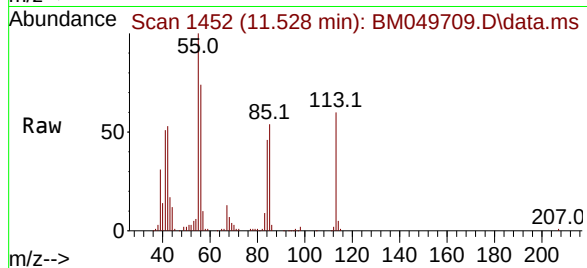




#35
Caprolactam
Concen: 19.446 ng
RT: 11.528 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

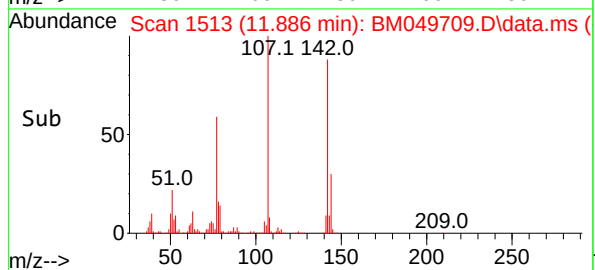
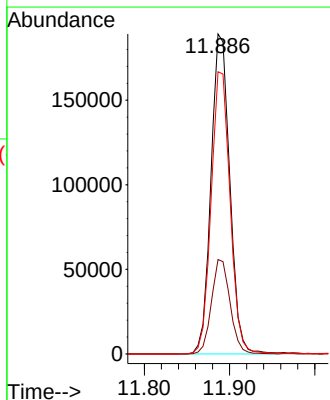
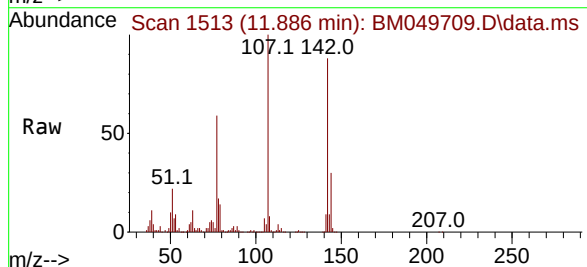
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

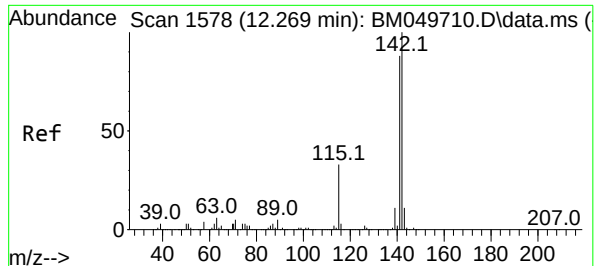
Tgt Ion	Ratio	Lower	Upper
113	100		
55	167.6	141.8	181.8
56	124.7	98.0	138.0



#36
4-Chloro-3-methylphenol
Concen: 19.602 ng
RT: 11.886 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.5	23.0	34.6
142	88.2	69.8	104.8

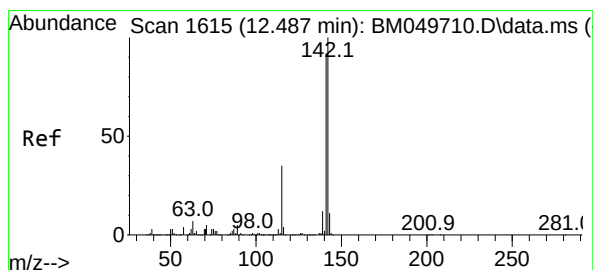
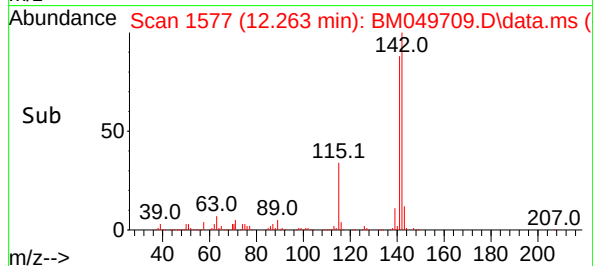
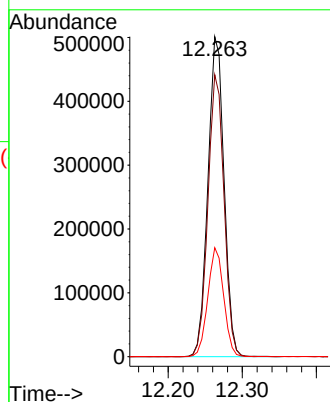
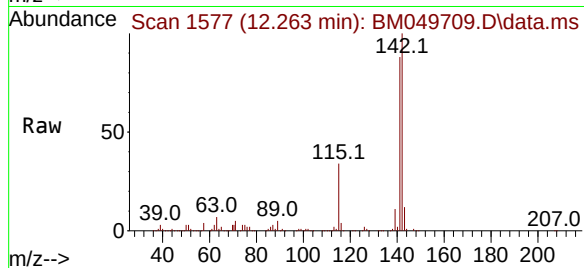




#37
2-Methylnaphthalene
Concen: 19.837 ng
RT: 12.263 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

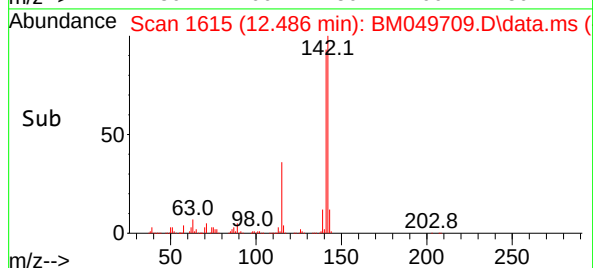
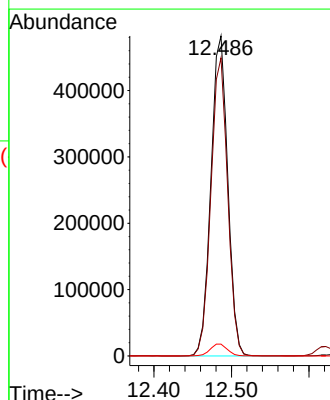
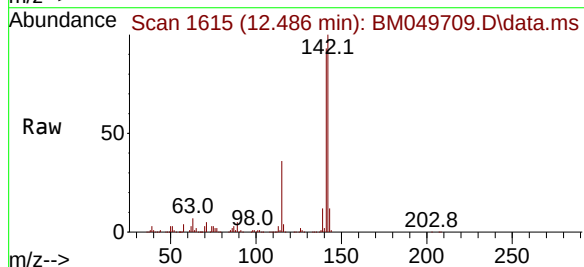
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

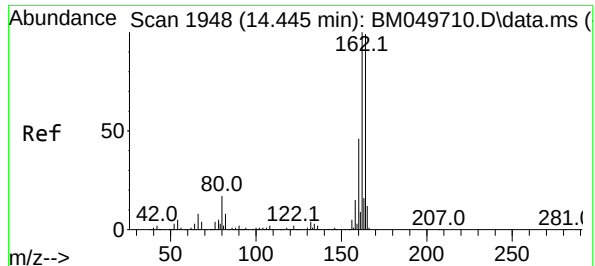
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.5	105.7
115	34.1	26.5	39.7



#38
1-Methylnaphthalene
Concen: 19.727 ng
RT: 12.486 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.4	110.2
116	3.7	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

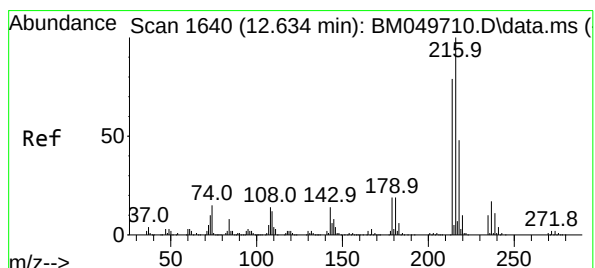
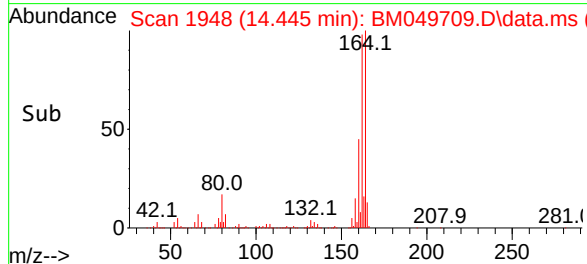
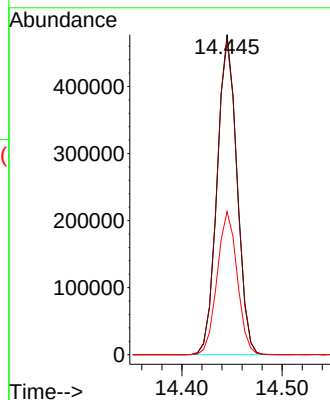
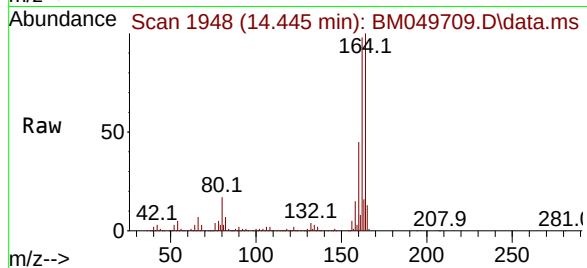
Tgt Ion:164 Resp: 653236

Ion Ratio Lower Upper

164 100

162 98.2 80.5 120.7

160 44.7 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.699 ng

RT: 12.633 min Scan# 1640

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

Tgt Ion:216 Resp: 472680

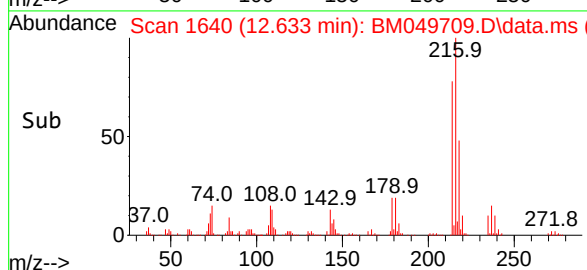
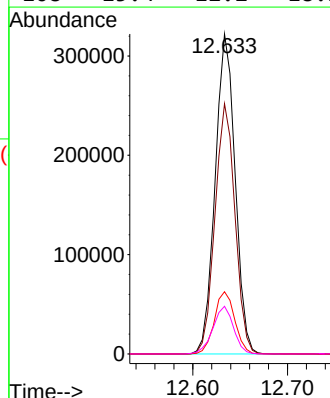
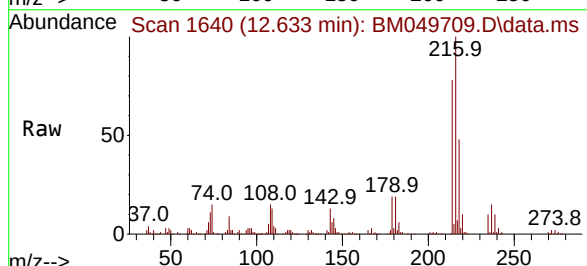
Ion Ratio Lower Upper

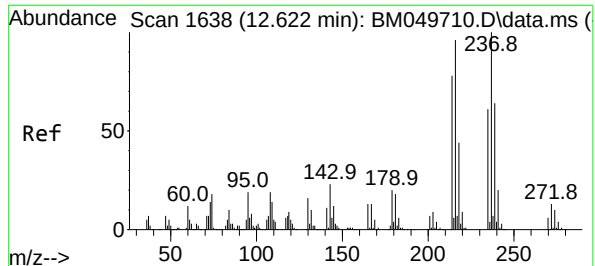
216 100

214 78.3 63.5 95.3

179 19.9 15.7 23.5

108 15.4 12.2 18.2

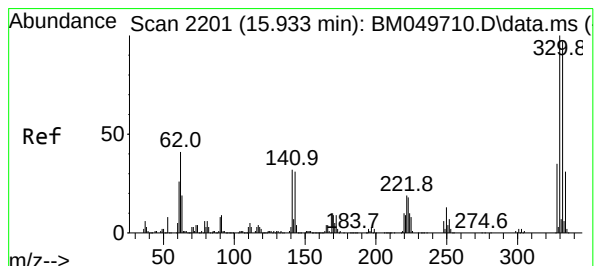
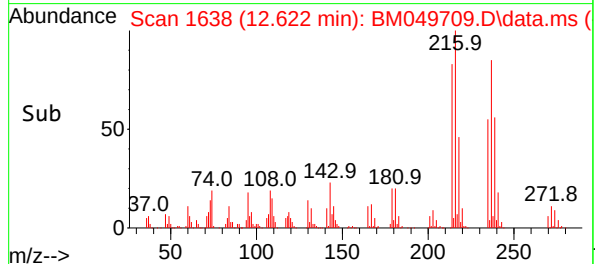
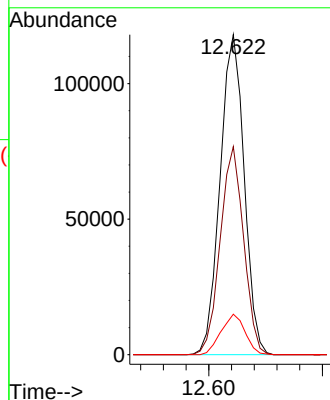
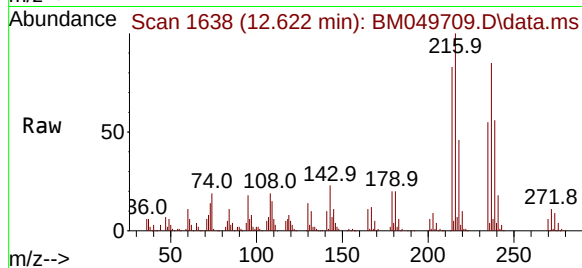




#41
Hexachlorocyclopentadiene
Concen: 19.550 ng
RT: 12.622 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

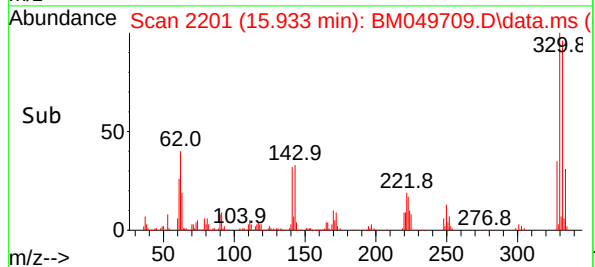
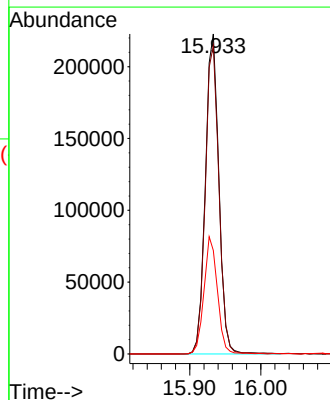
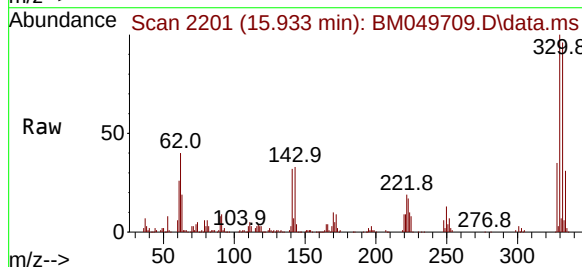
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

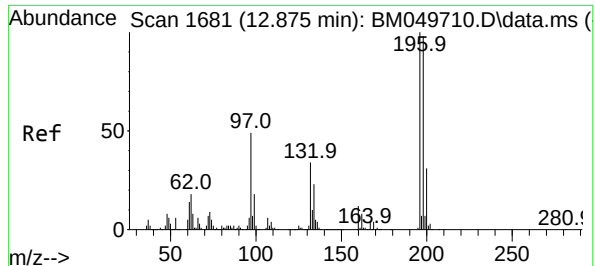
Tgt Ion:237 Resp: 173785
Ion Ratio Lower Upper
237 100
235 65.0 41.1 81.1
272 12.6 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 38.742 ng
RT: 15.933 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:330 Resp: 295521
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 36.5 27.8 41.6

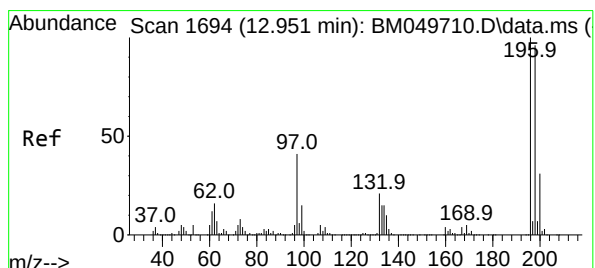
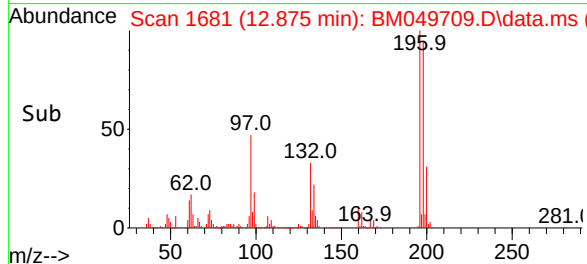
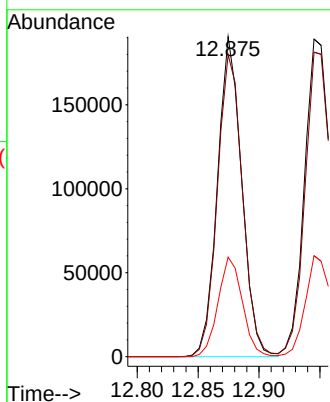
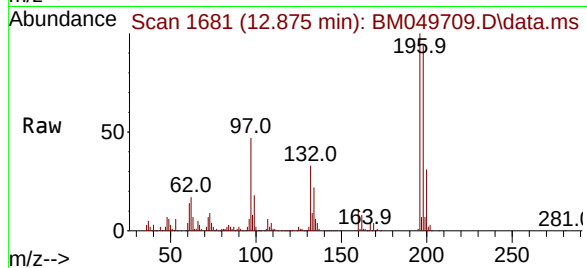




#43
2,4,6-Trichlorophenol
Concen: 19.647 ng
RT: 12.875 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

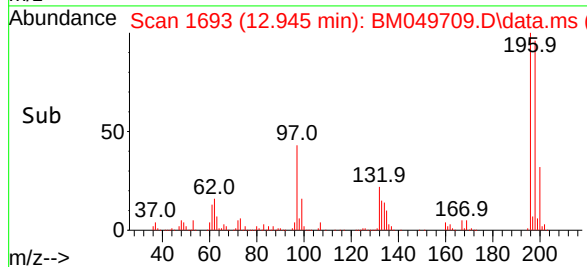
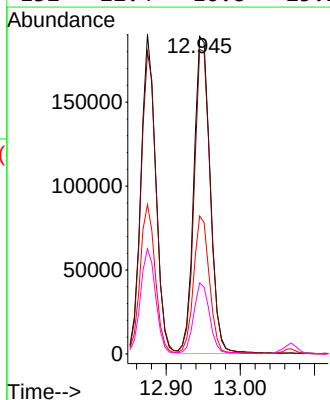
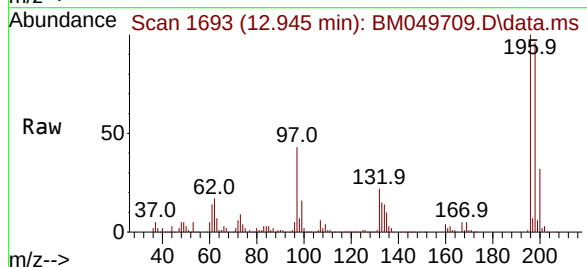
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

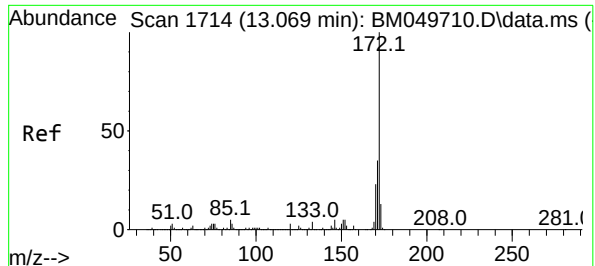
Tgt Ion:196 Resp: 264033
Ion Ratio Lower Upper
196 100
198 94.4 78.3 117.5
200 31.1 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 19.723 ng
RT: 12.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:196 Resp: 289238
Ion Ratio Lower Upper
196 100
198 95.9 76.7 115.1
97 43.5 32.9 49.3
132 22.4 16.8 25.2

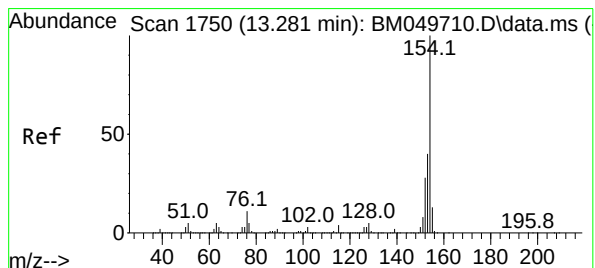
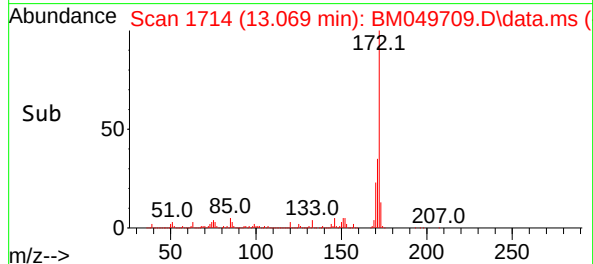
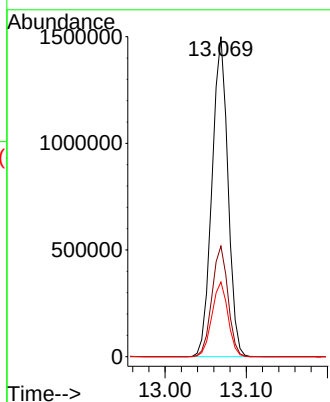
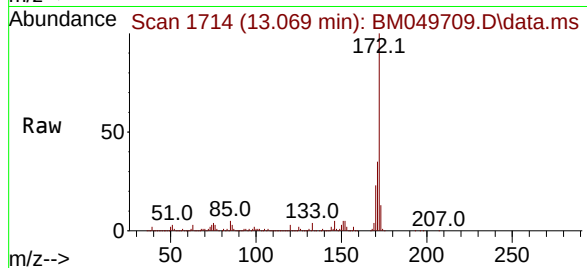




#45
2-Fluorobiphenyl
Concen: 39.155 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

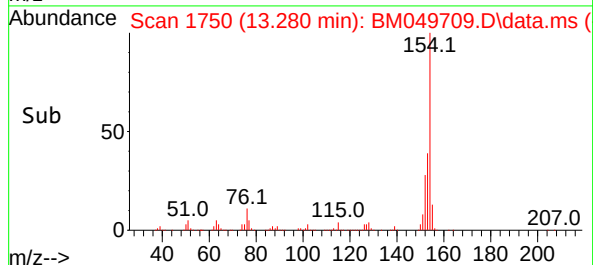
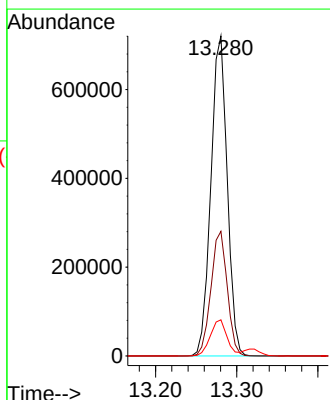
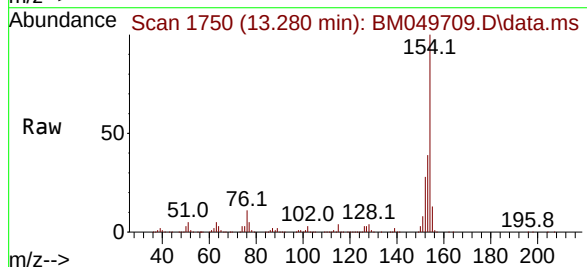
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

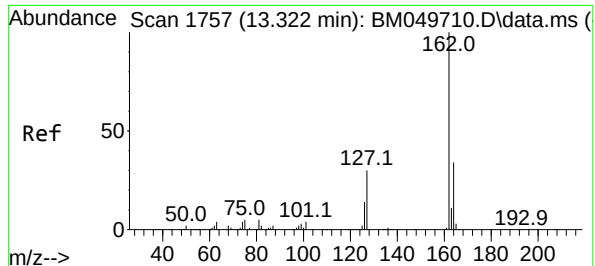
Tgt Ion:172 Resp: 2042299
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 19.963 ng
RT: 13.280 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:154 Resp: 1005064
Ion Ratio Lower Upper
154 100
153 38.9 19.7 59.7
76 11.3 0.0 31.2





#47

2-Chloronaphthalene

Concen: 19.898 ng

RT: 13.322 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

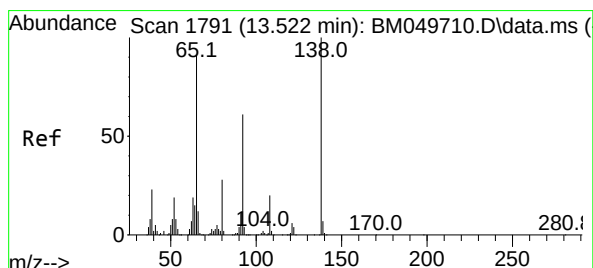
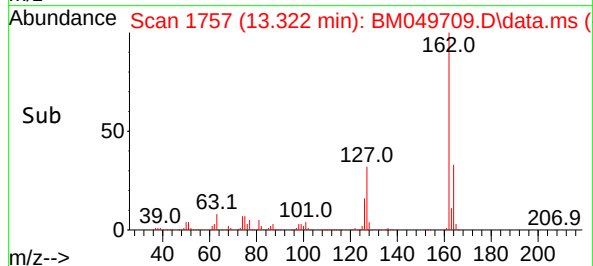
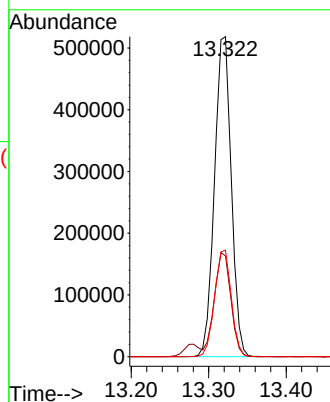
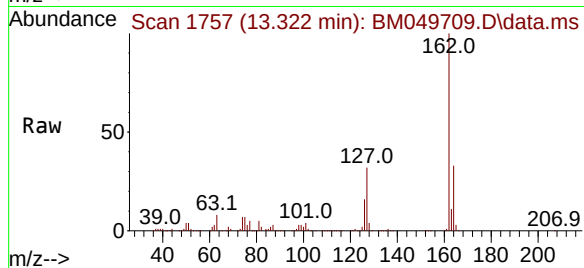
Tgt Ion:162 Resp: 779763

Ion Ratio Lower Upper

162 100

127 31.5 25.8 38.6

164 33.3 27.1 40.7



#48

2-Nitroaniline

Concen: 19.426 ng

RT: 13.516 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

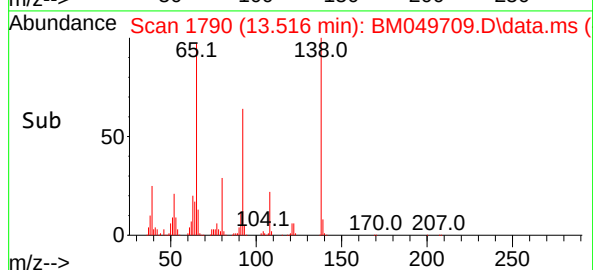
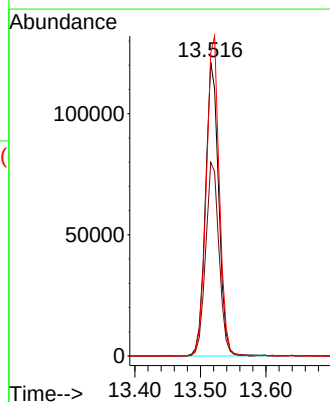
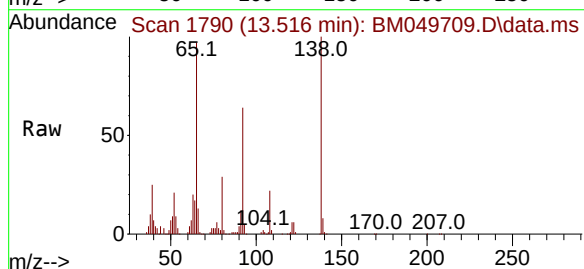
Tgt Ion: 65 Resp: 170895

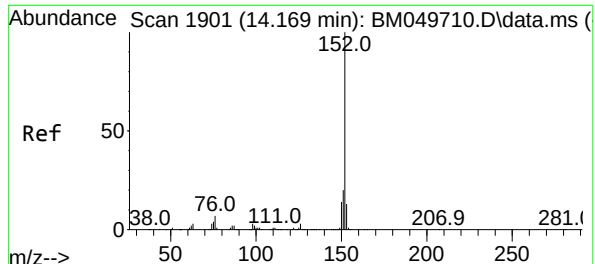
Ion Ratio Lower Upper

65 100

92 65.9 53.4 80.2

138 103.2 87.6 131.4

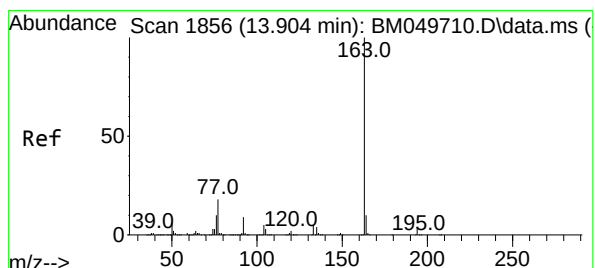
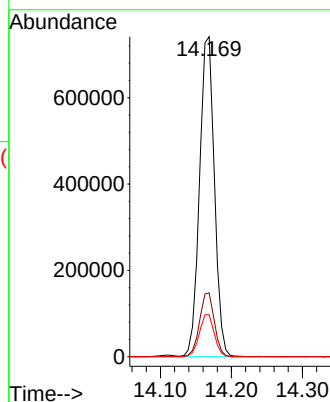
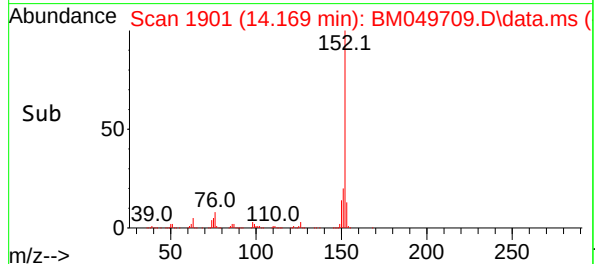
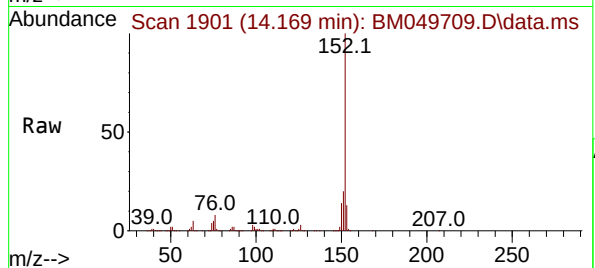




#49
Acenaphthylene
Concen: 19.752 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

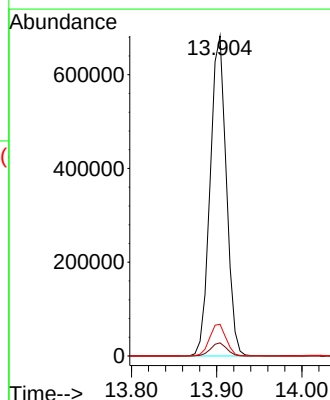
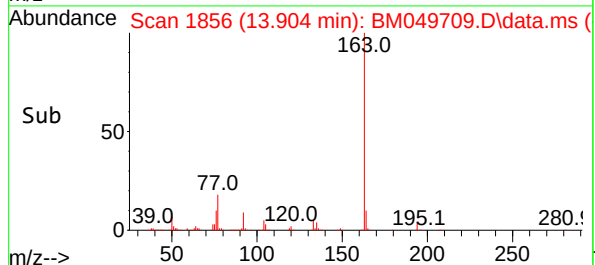
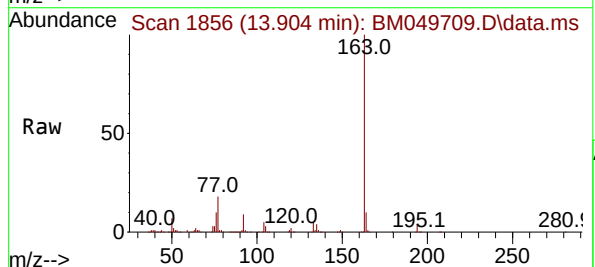
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

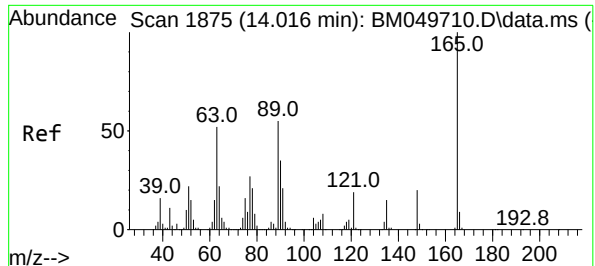
Tgt Ion:152 Resp: 1081919
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.1 10.2 15.4



#50
Dimethylphthalate
Concen: 20.003 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:163 Resp: 899648
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 19.851 ng

RT: 14.016 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

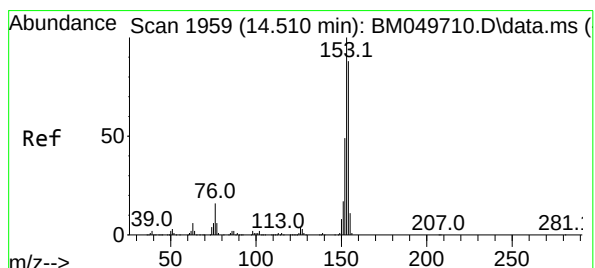
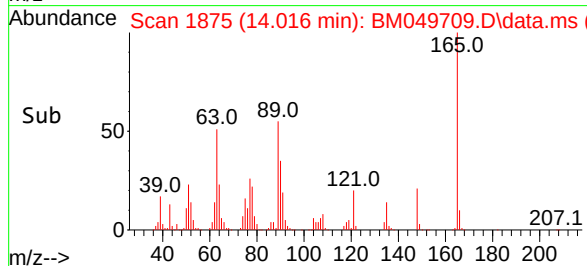
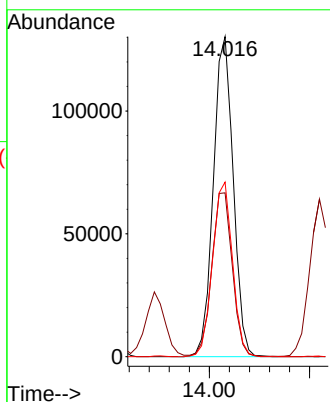
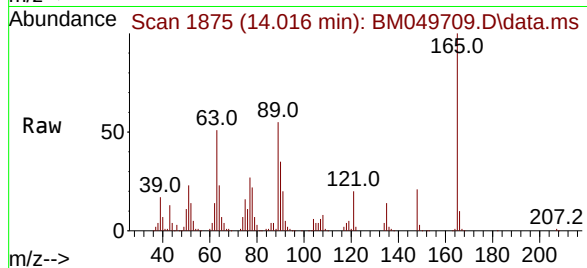
Tgt Ion:165 Resp: 178893

Ion Ratio Lower Upper

165 100

63 51.2 42.3 63.5

89 54.5 43.9 65.9



#52

Acenaphthene

Concen: 19.519 ng

RT: 14.510 min Scan# 1959

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

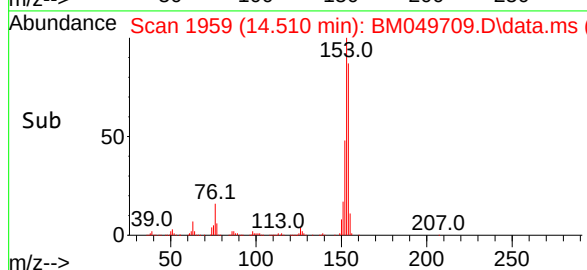
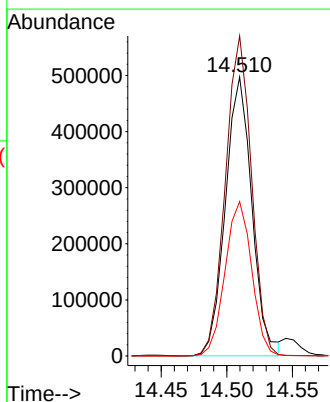
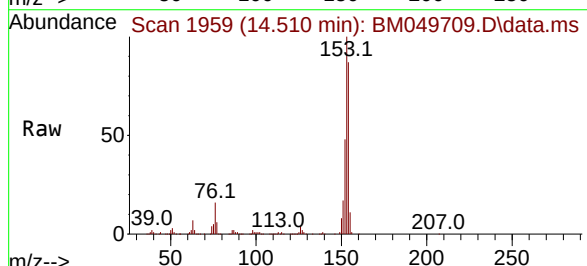
Tgt Ion:154 Resp: 700438

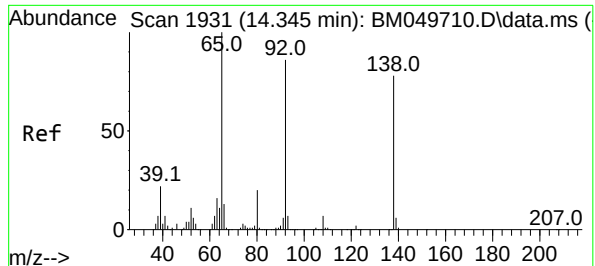
Ion Ratio Lower Upper

154 100

153 114.8 90.4 135.6

152 55.4 44.2 66.2

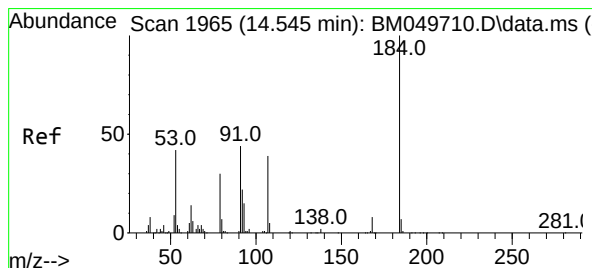
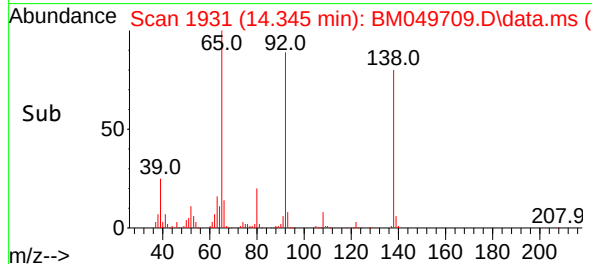
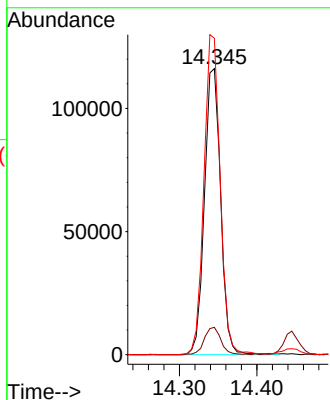
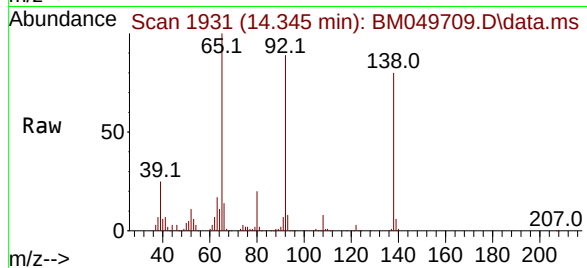




#53
3-Nitroaniline
Concen: 19.697 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

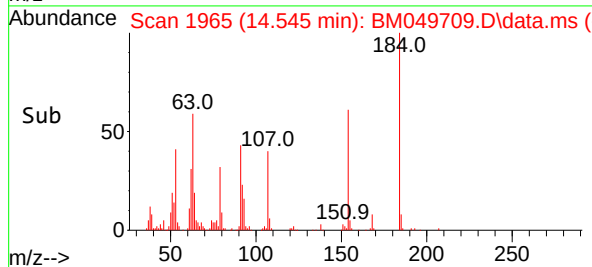
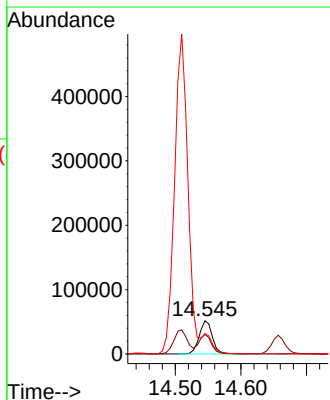
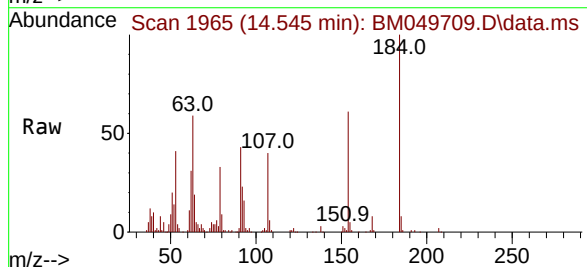
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

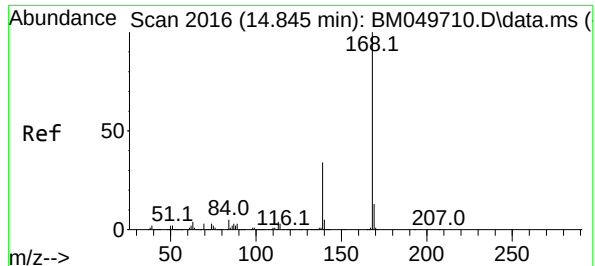
Tgt Ion:138 Resp: 168909
Ion Ratio Lower Upper
138 100
108 9.6 7.5 11.3
92 110.6 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 20.242 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:184 Resp: 72346
Ion Ratio Lower Upper
184 100
63 58.9 47.2 70.8
154 60.9 49.9 74.9

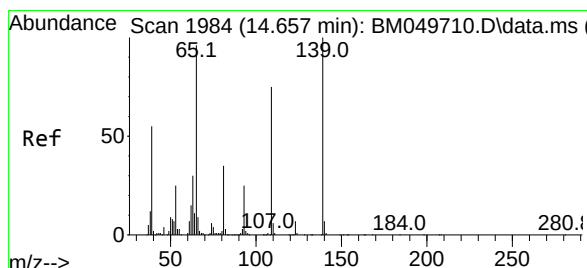
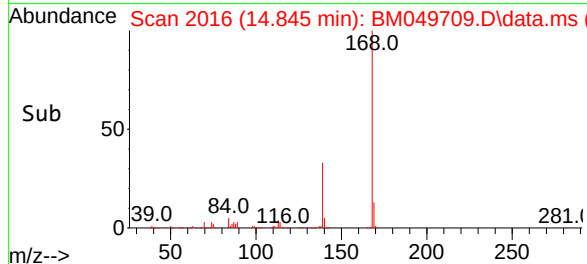
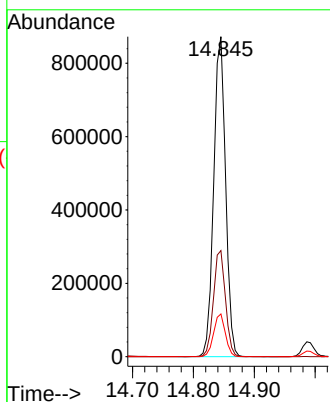
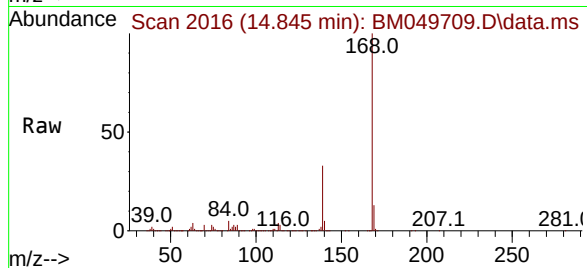




#55
Dibenzofuran
Concen: 19.789 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

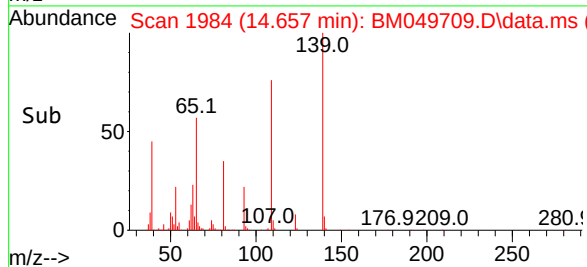
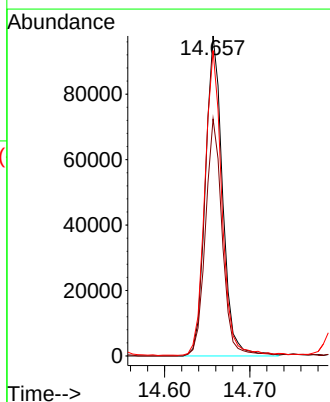
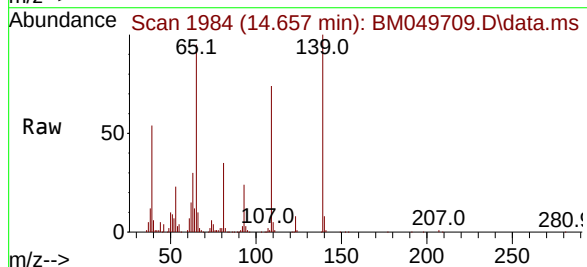
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

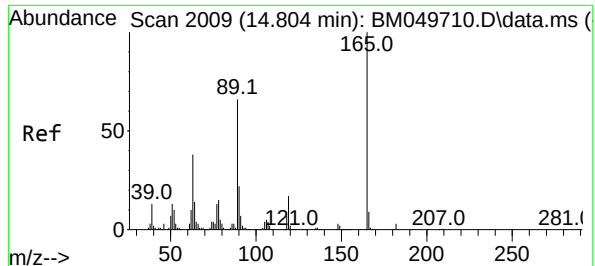
Tgt Ion:168 Resp: 1184764
Ion Ratio Lower Upper
168 100
139 33.2 27.4 41.0
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 18.344 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:139 Resp: 136931
Ion Ratio Lower Upper
139 100
109 74.1 54.7 94.7
65 95.5 76.2 116.2

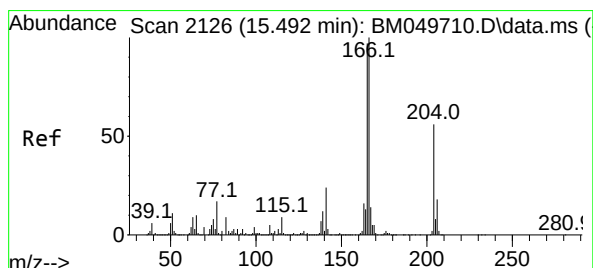
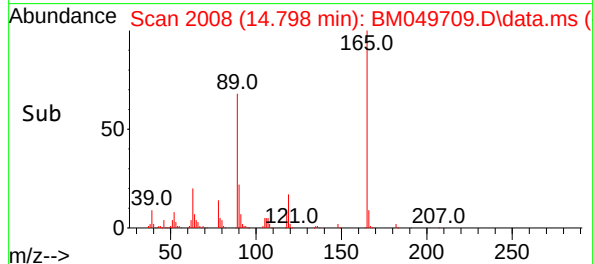
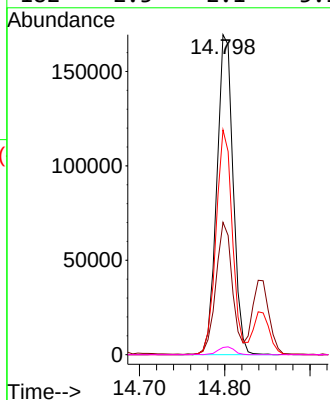
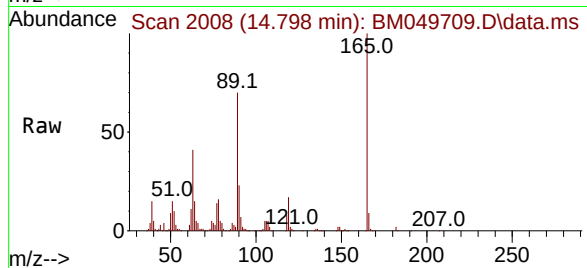




#57
2,4-Dinitrotoluene
Concen: 19.418 ng
RT: 14.798 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

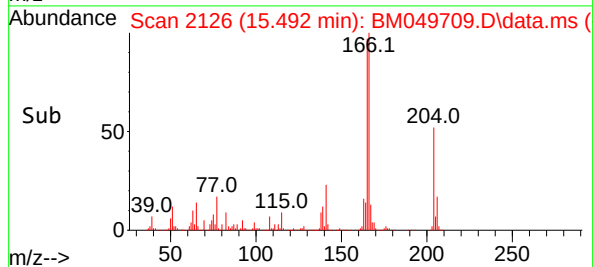
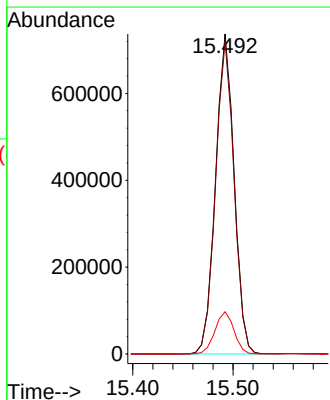
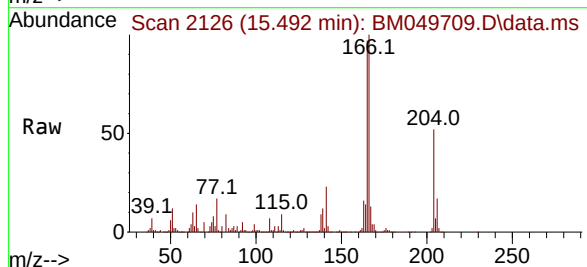
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

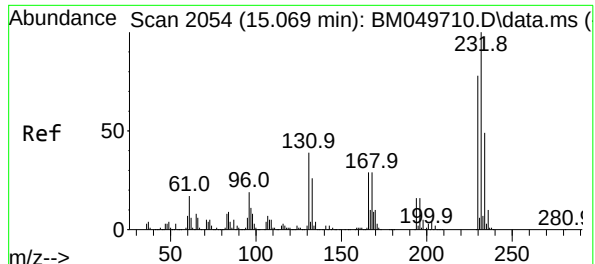
Tgt Ion:165 Resp: 225172
Ion Ratio Lower Upper
165 100
63 41.3 30.8 46.2
89 70.3 53.1 79.7
182 2.3 2.1 3.1



#58
Fluorene
Concen: 19.484 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:166 Resp: 949720
Ion Ratio Lower Upper
166 100
165 97.5 77.5 116.3
167 13.2 10.9 16.3

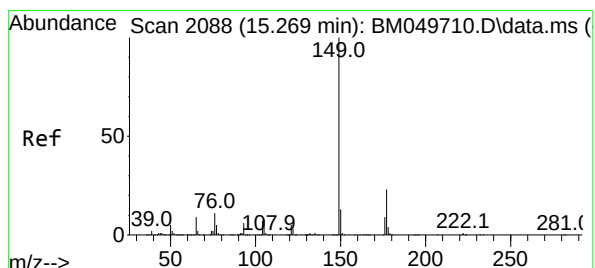
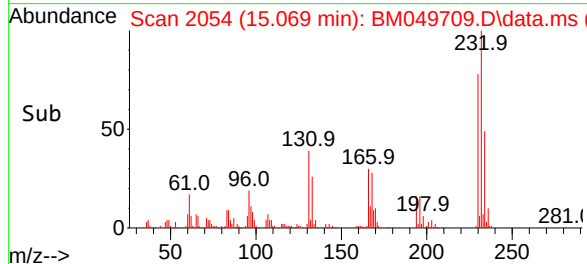
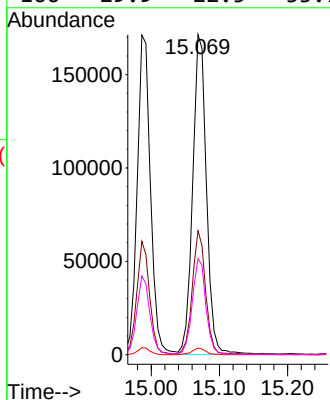
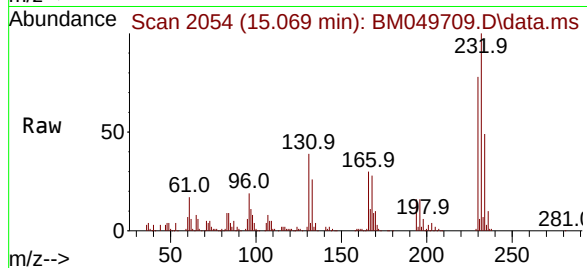




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.485 ng
RT: 15.069 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

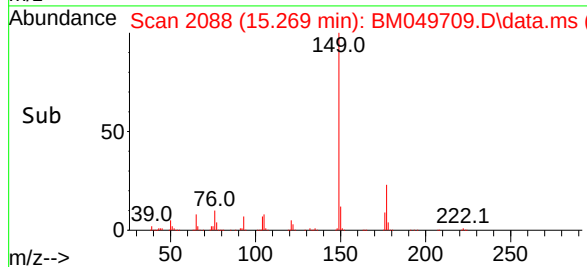
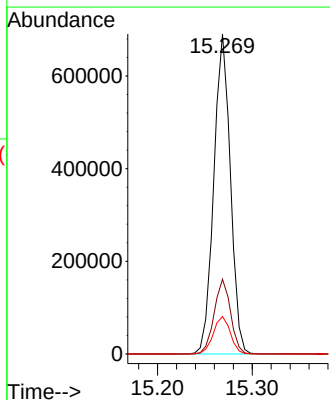
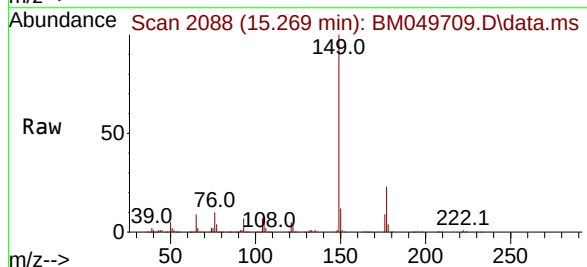
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

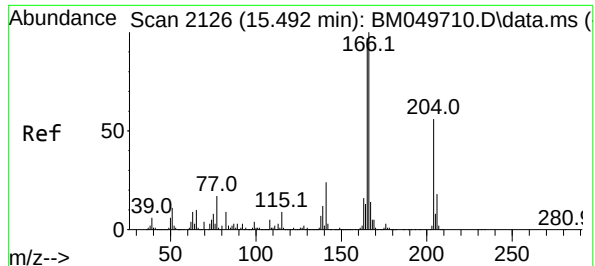
Tgt Ion:232 Resp: 239188
Ion Ratio Lower Upper
232 100
131 37.1 30.0 45.0
130 2.0 1.6 2.4
166 29.9 22.5 33.7



#60
Diethylphthalate
Concen: 19.824 ng
RT: 15.269 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:149 Resp: 839716
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.2
150 11.7 10.0 15.0

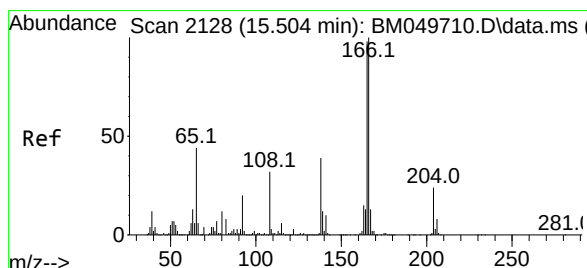
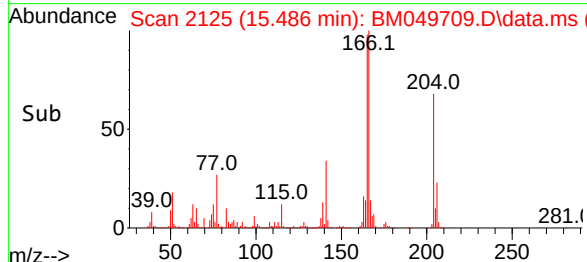
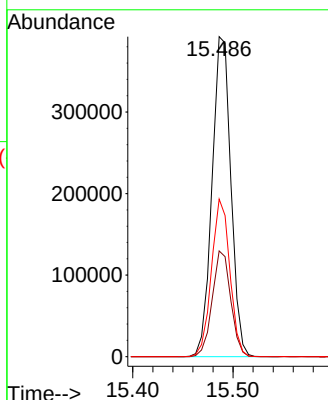
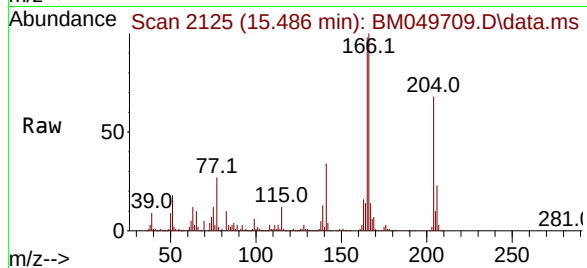




#61
4-Chlorophenyl-phenylether
Concen: 19.223 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

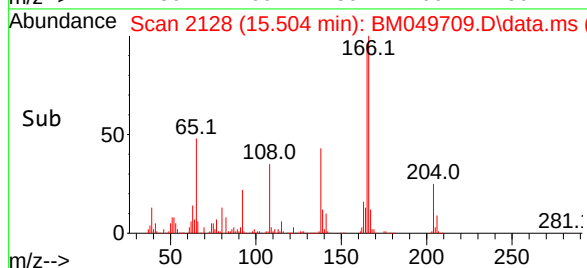
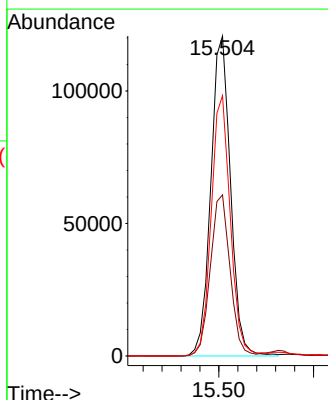
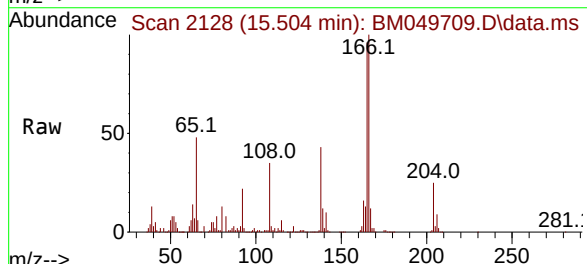
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

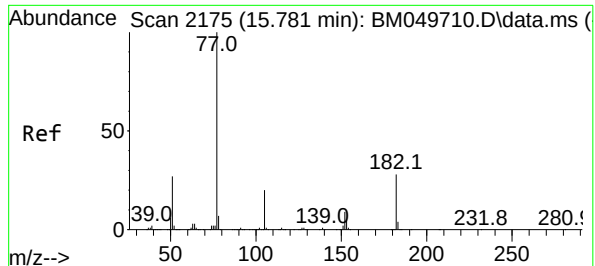
Tgt Ion:204 Resp: 511663
Ion Ratio Lower Upper
204 100
206 33.1 25.2 37.8
141 49.2 34.5 51.7



#62
4-Nitroaniline
Concen: 19.525 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:138 Resp: 174539
Ion Ratio Lower Upper
138 100
92 50.4 29.8 69.8
108 81.3 61.3 101.3

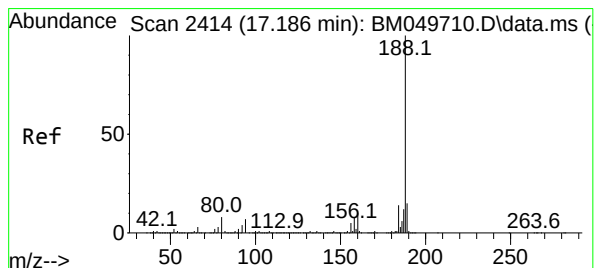
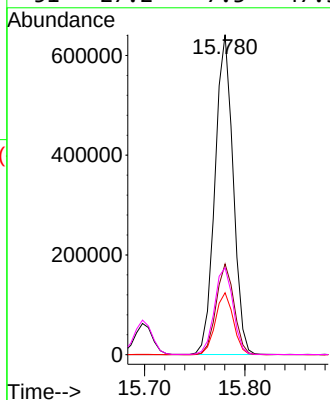
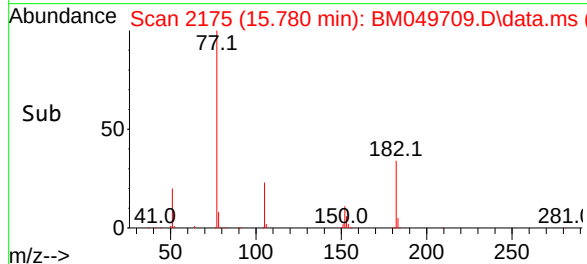
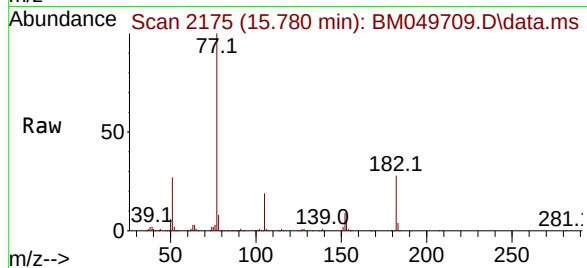




#63
Azobenzene
Concen: 19.889 ng
RT: 15.780 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

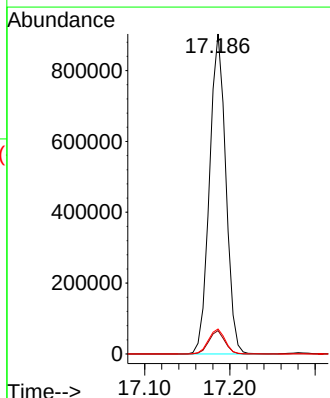
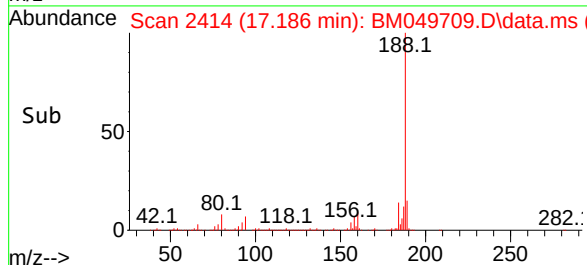
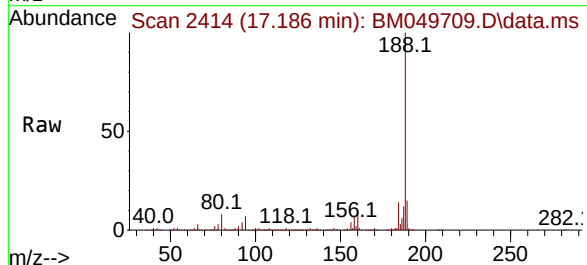
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

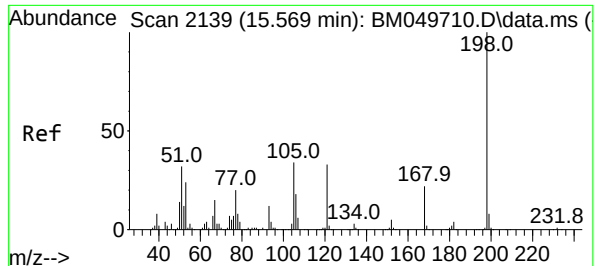
Tgt Ion: 77 Resp: 804689
Ion Ratio Lower Upper
77 100
182 28.3 8.0 48.0
105 19.3 0.0 40.0
51 27.2 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion: 188 Resp: 1202916
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 7.8 6.3 9.5

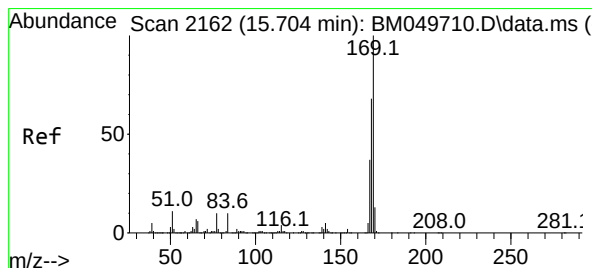
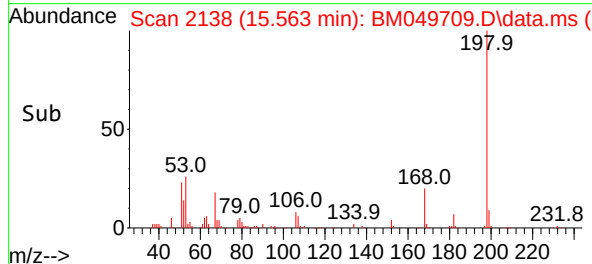
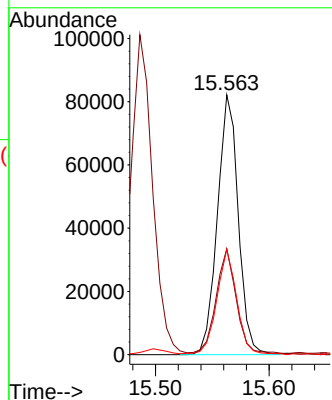
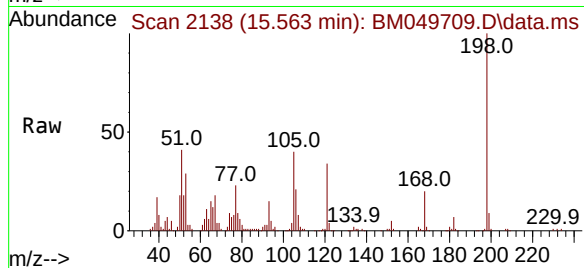




#65
4,6-Dinitro-2-methylphenol
Concen: 20.361 ng
RT: 15.563 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

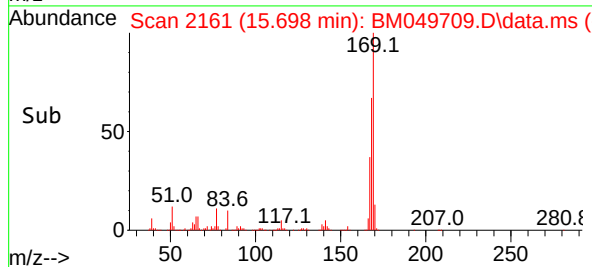
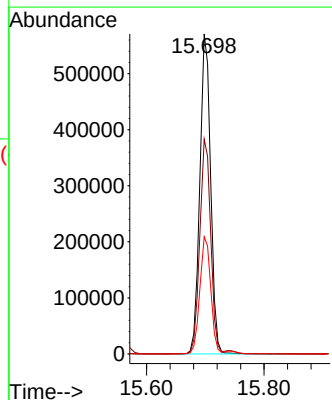
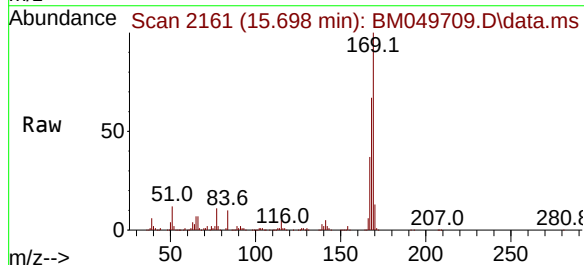
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

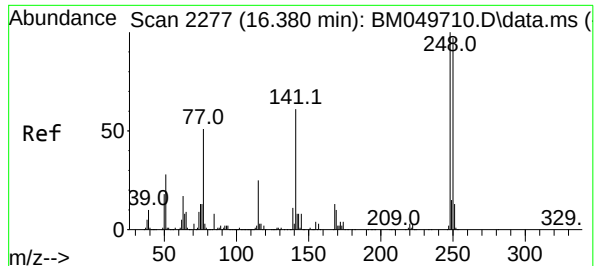
Tgt Ion:198 Resp: 105000
Ion Ratio Lower Upper
198 100
51 40.8 13.8 53.8
105 40.5 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 19.917 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

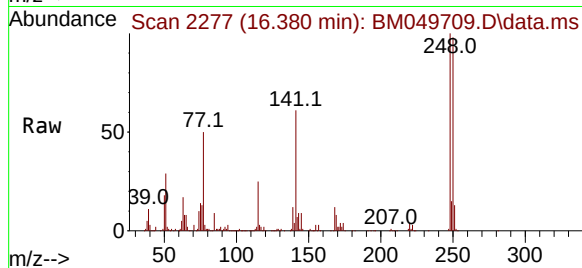
Tgt Ion:169 Resp: 725911
Ion Ratio Lower Upper
169 100
168 67.2 54.8 82.2
167 36.7 29.9 44.9



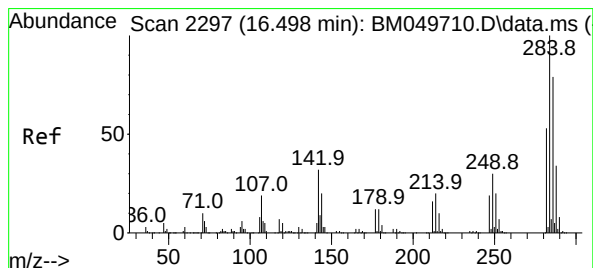
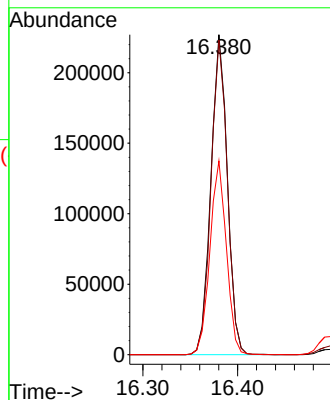
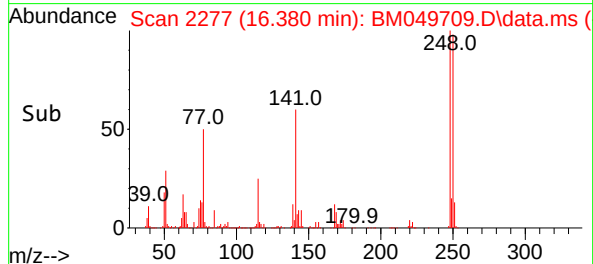


#67
4-Bromophenyl-phenylether
Concen: 19.663 ng
RT: 16.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

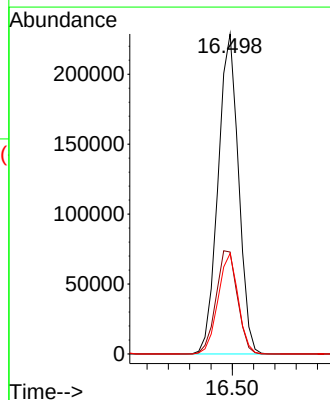
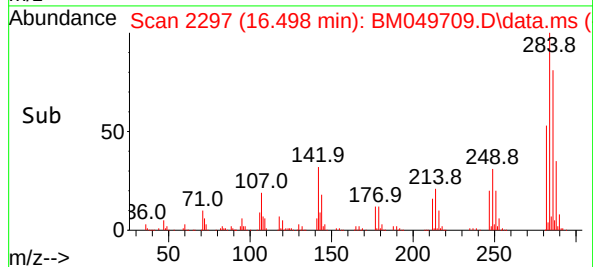
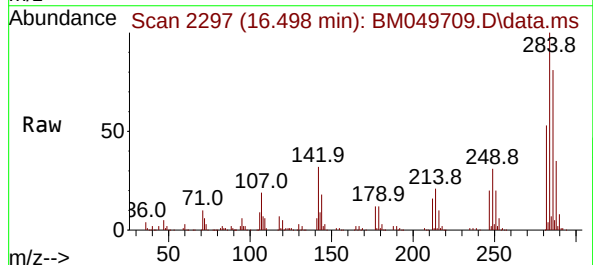


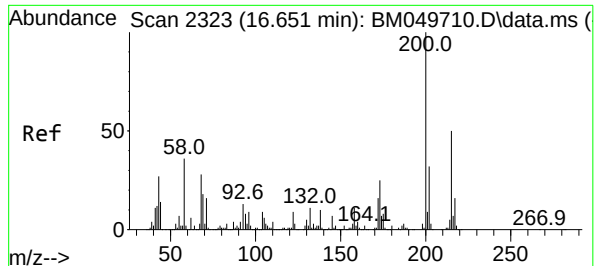
Tgt Ion:248 Resp: 273093
Ion Ratio Lower Upper
248 100
250 98.4 77.9 116.9
141 60.6 48.6 73.0



#68
Hexachlorobenzene
Concen: 19.505 ng
RT: 16.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:284 Resp: 304632
Ion Ratio Lower Upper
284 100
142 31.8 25.5 38.3
249 31.4 24.2 36.2

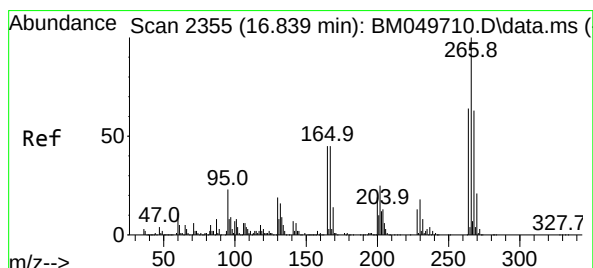
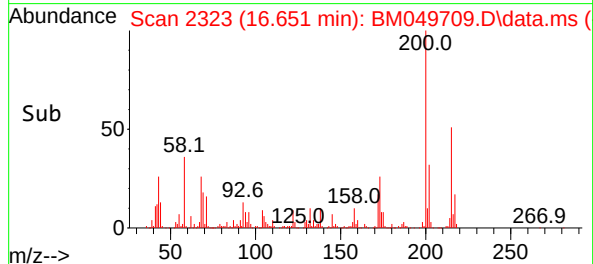
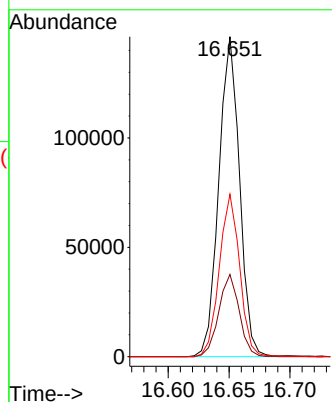
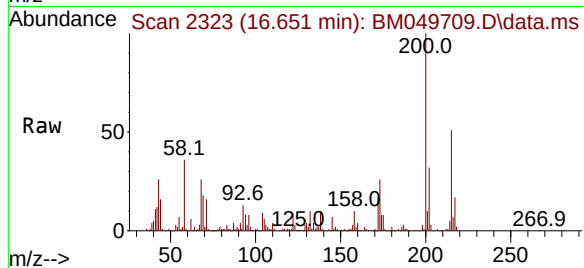




#69
Atrazine
Concen: 21.592 ng
RT: 16.651 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

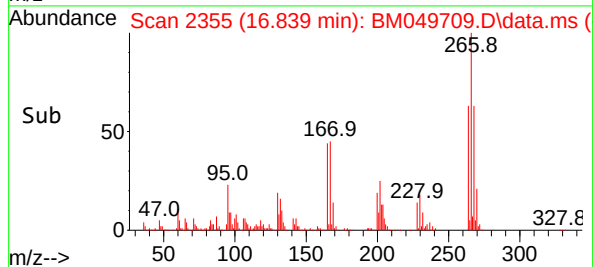
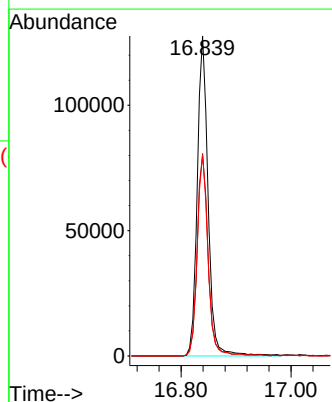
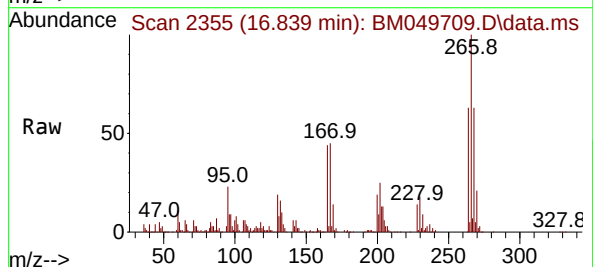
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

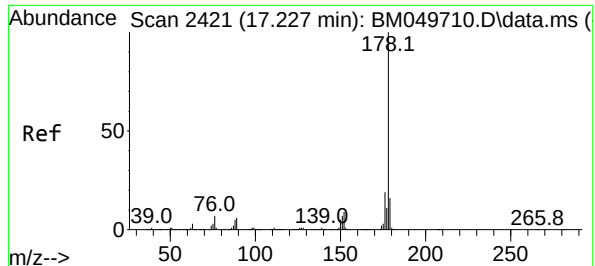
Tgt Ion:200 Resp: 173431
Ion Ratio Lower Upper
200 100
173 25.7 5.4 45.4
215 50.8 29.8 69.8



#70
Pentachlorophenol
Concen: 17.794 ng
RT: 16.839 min Scan# 2355
Delta R.T. 0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:266 Resp: 174643
Ion Ratio Lower Upper
266 100
268 62.9 50.2 75.2
264 63.3 51.3 76.9

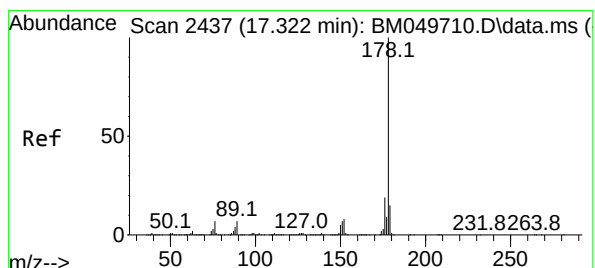
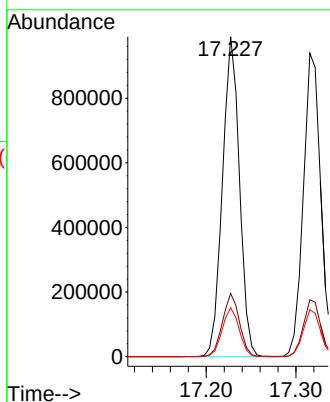
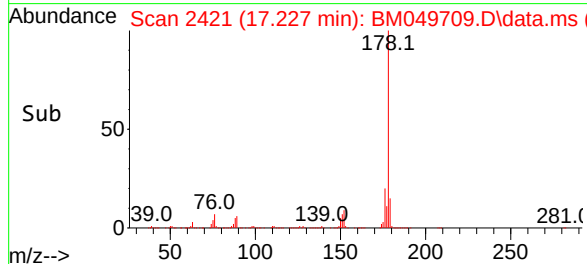
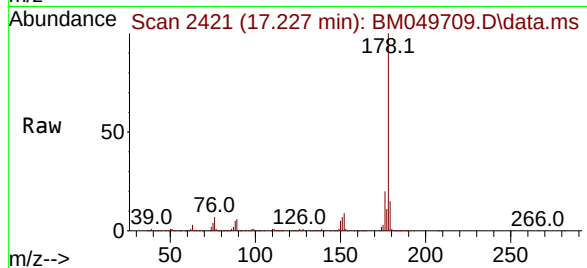




#71
Phenanthrene
Concen: 19.532 ng
RT: 17.227 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

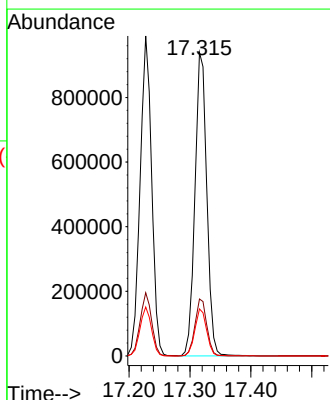
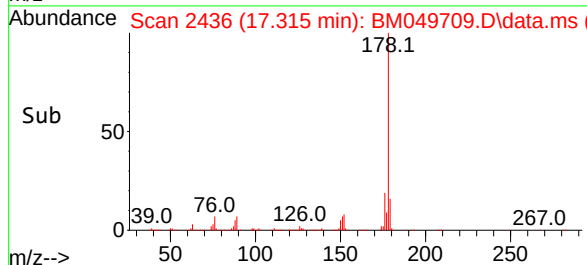
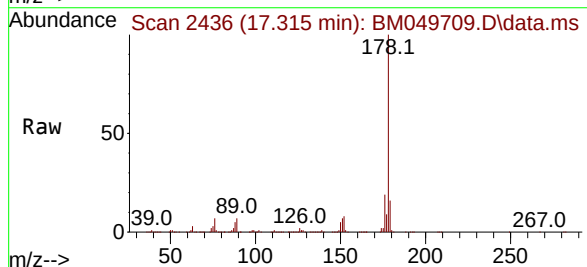
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

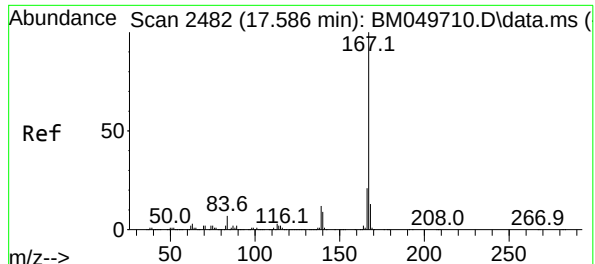
Tgt Ion:178 Resp: 1304624
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.3 12.5 18.7



#72
Anthracene
Concen: 19.617 ng
RT: 17.315 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:178 Resp: 1269013
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.5 12.4 18.6

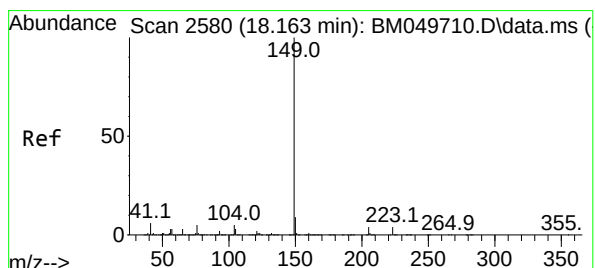
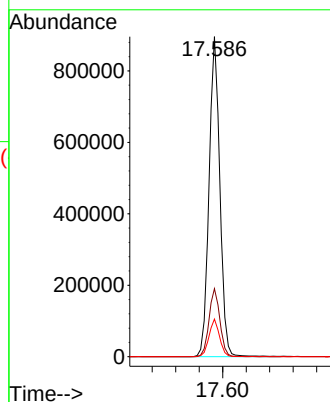
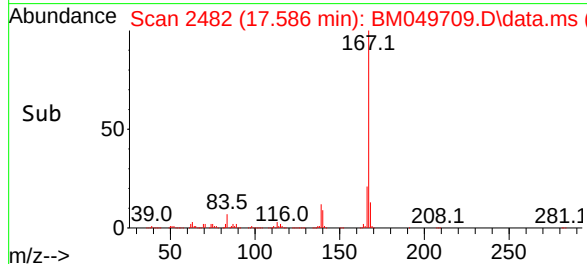
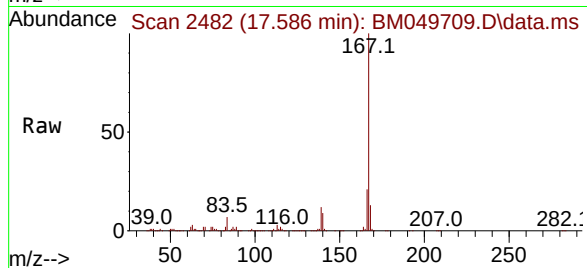




#73
Carbazole
Concen: 19.557 ng
RT: 17.586 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

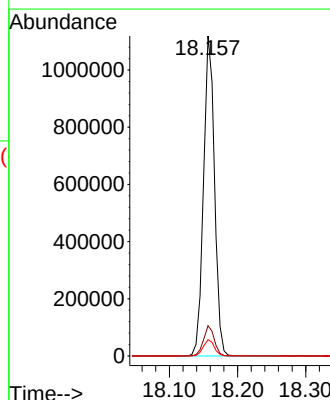
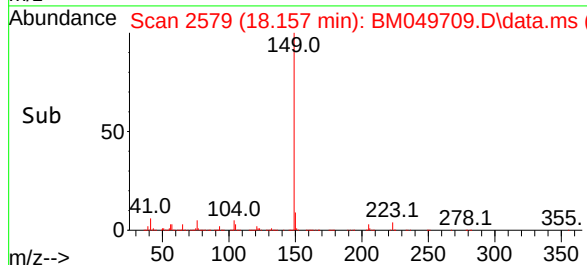
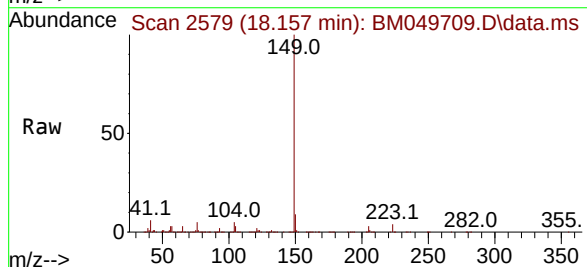
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

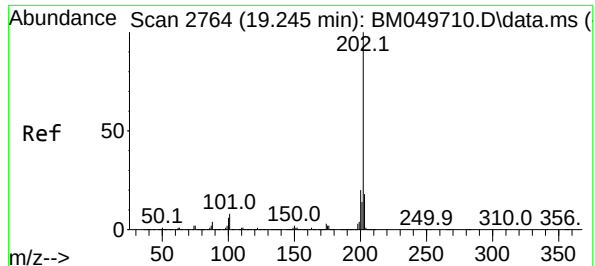
Tgt Ion:167 Resp: 1145728
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 11.7 9.4 14.2



#74
Di-n-butylphthalate
Concen: 19.530 ng
RT: 18.157 min Scan# 2579
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:149 Resp: 1254005
Ion Ratio Lower Upper
149 100
150 9.5 7.2 10.8
104 5.1 3.9 5.9

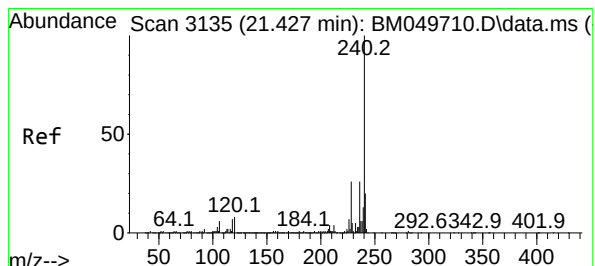
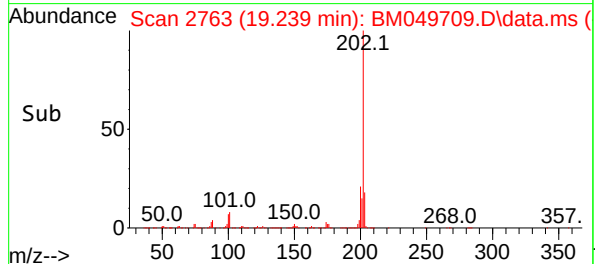
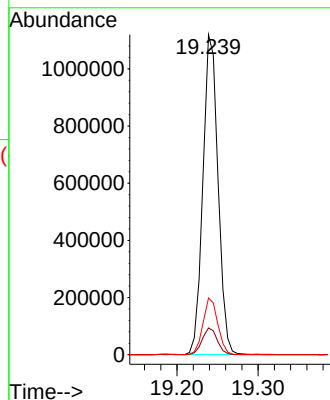
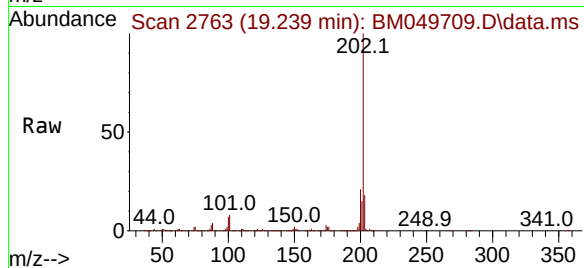




#75
Fluoranthene
Concen: 18.815 ng
RT: 19.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

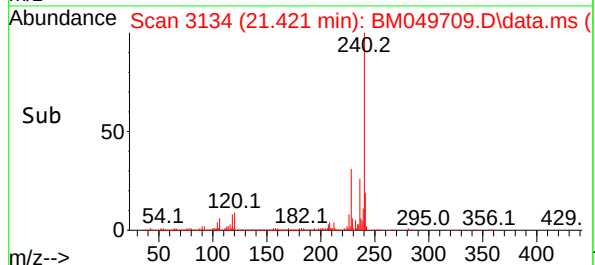
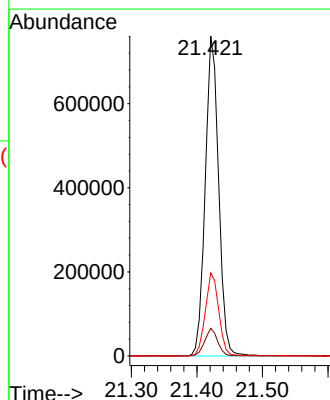
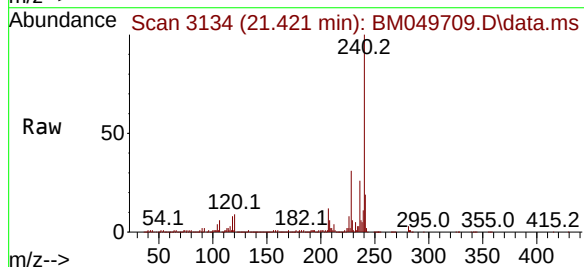
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

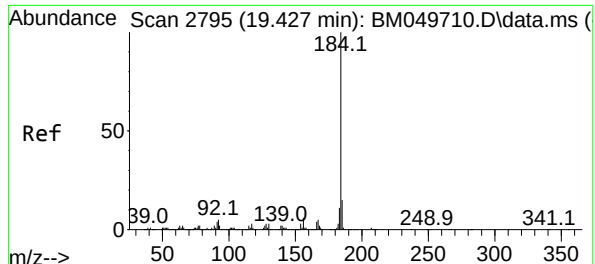
Tgt Ion:202 Resp: 1446853
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.8
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:240 Resp: 1084099
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 25.9 20.7 31.1

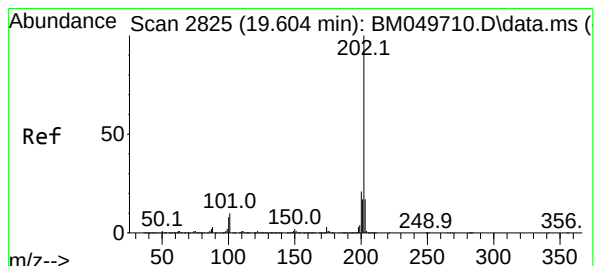
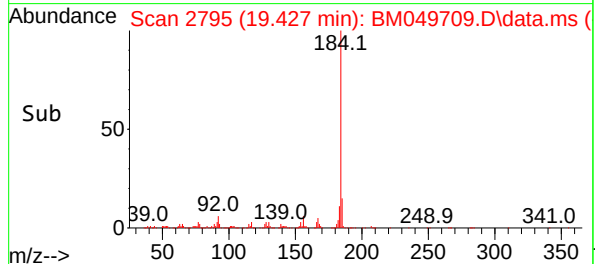
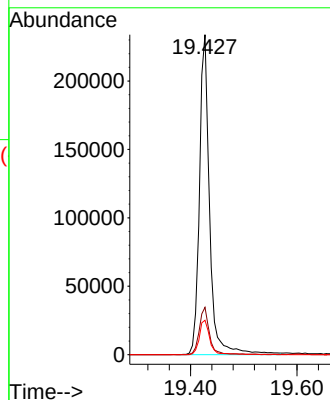
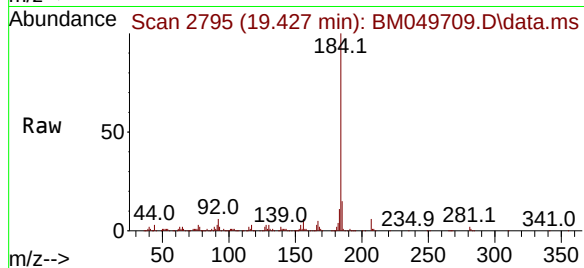




#77
Benzidine
Concen: 23.868 ng
RT: 19.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

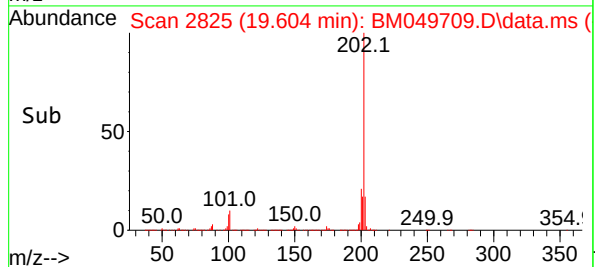
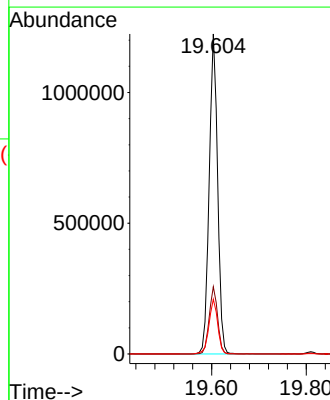
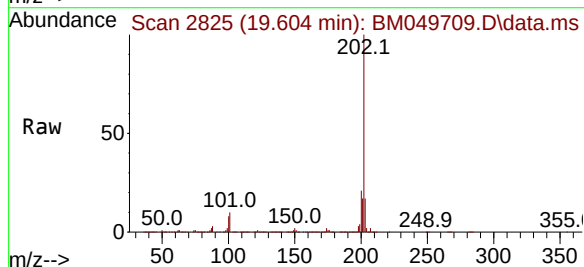
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

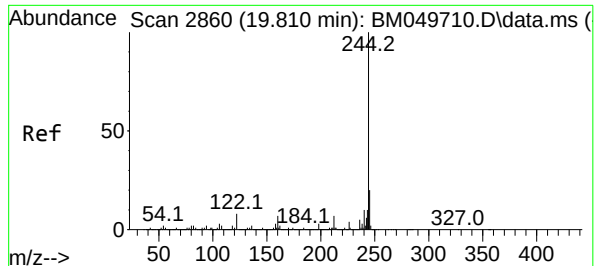
Tgt Ion:184 Resp: 310871
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.8 8.8 13.2



#78
Pyrene
Concen: 19.900 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:202 Resp: 1507240
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.1 14.0 21.0

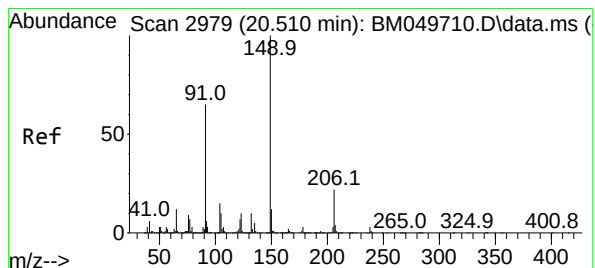
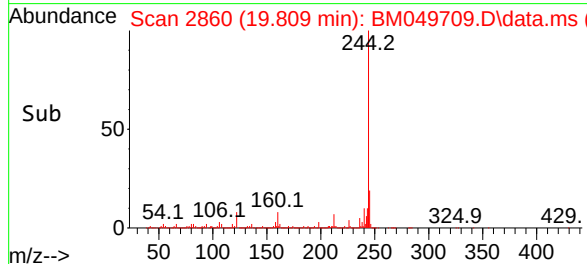
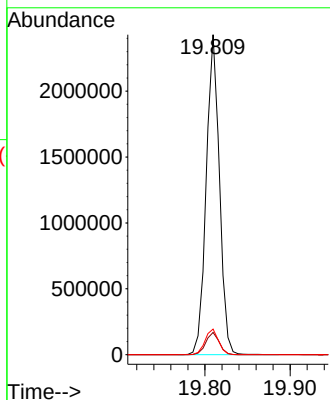
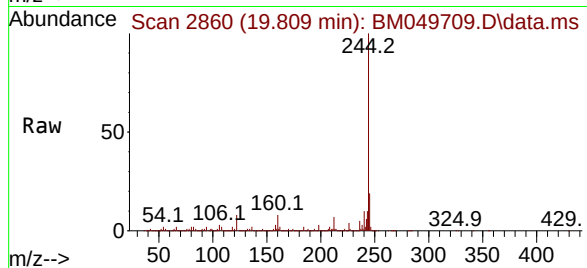




#79
Terphenyl-d14
Concen: 40.593 ng
RT: 19.809 min Scan# 2860
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

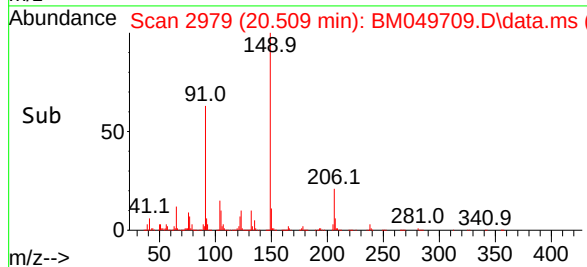
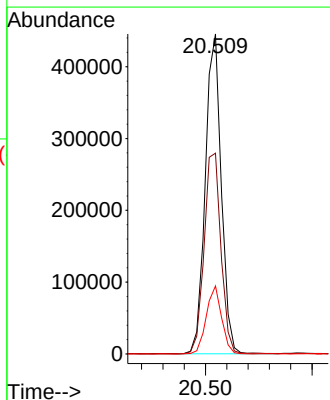
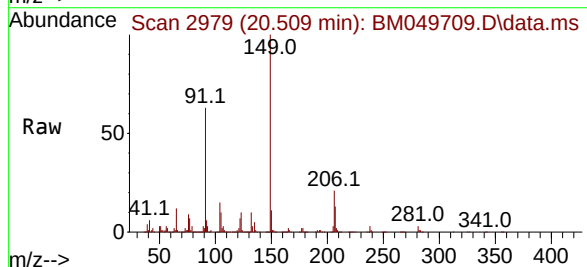
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

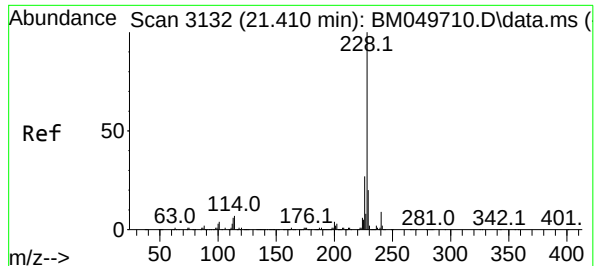
Tgt Ion:244 Resp: 2611487
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 8.0 6.0 9.0



#80
Butylbenzylphthalate
Concen: 19.737 ng
RT: 20.509 min Scan# 2979
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:149 Resp: 463918
Ion Ratio Lower Upper
149 100
91 62.8 52.2 78.4
206 21.2 17.6 26.4

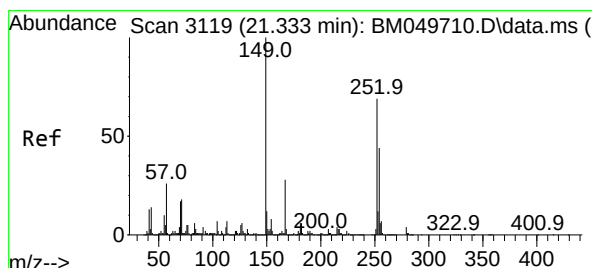
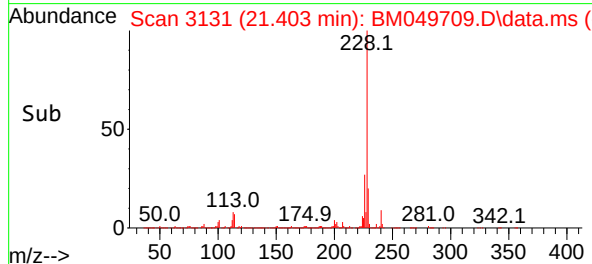
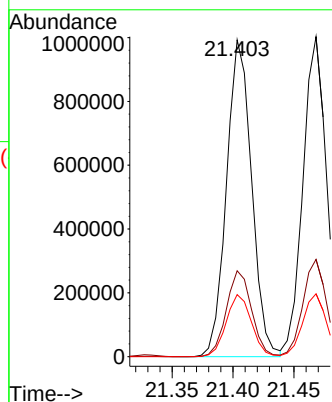
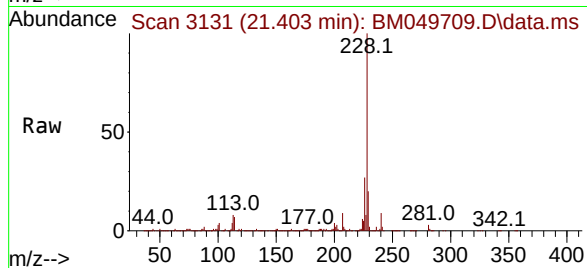




#81
Benzo(a)anthracene
Concen: 19.727 ng
RT: 21.403 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

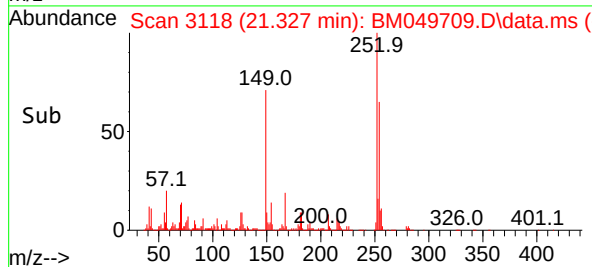
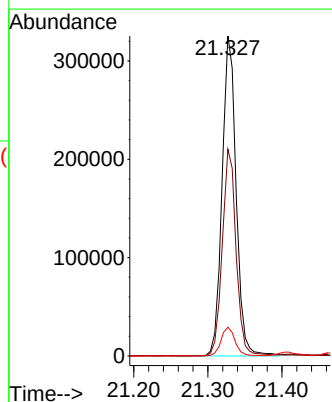
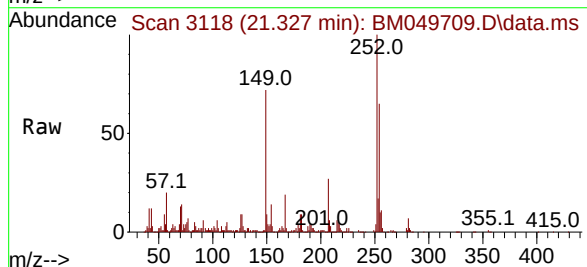
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

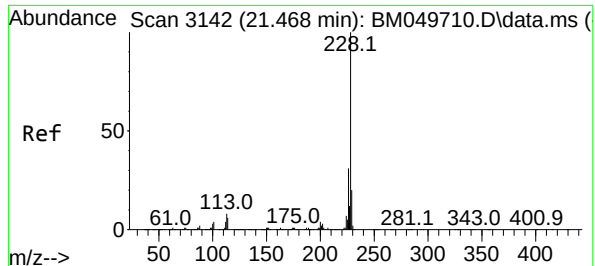
Tgt Ion:228 Resp: 1428447
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 18.203 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:252 Resp: 429145
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.4
126 9.0 6.3 9.5





#83

Chrysene

Concen: 19.877 ng

RT: 21.468 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

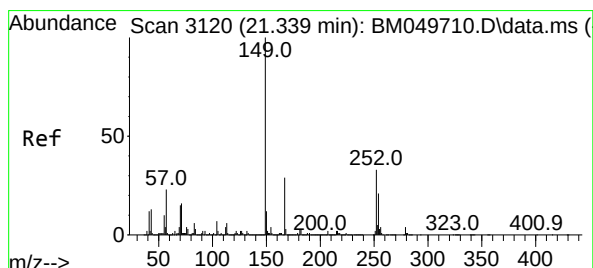
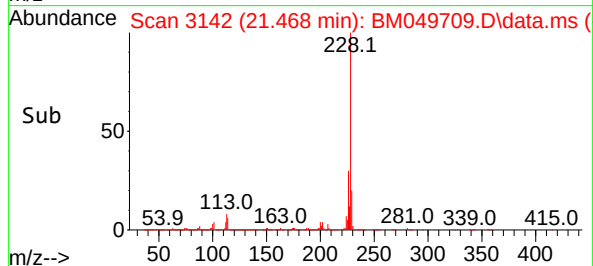
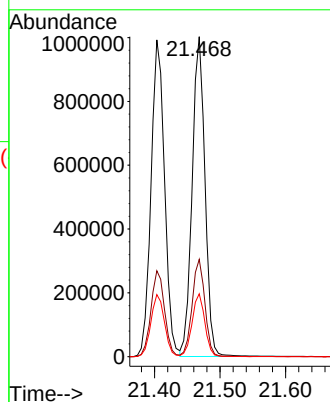
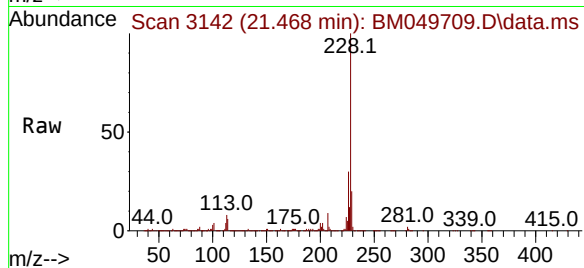
Tgt Ion:228 Resp: 1364401

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.066 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

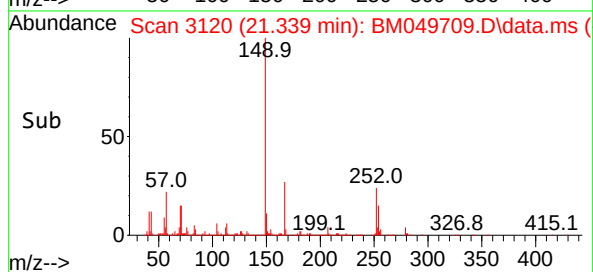
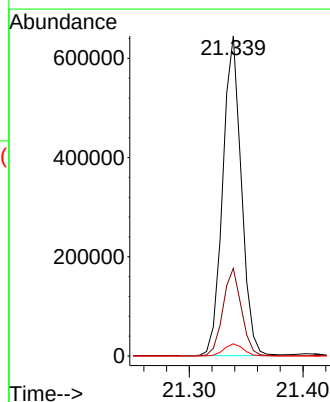
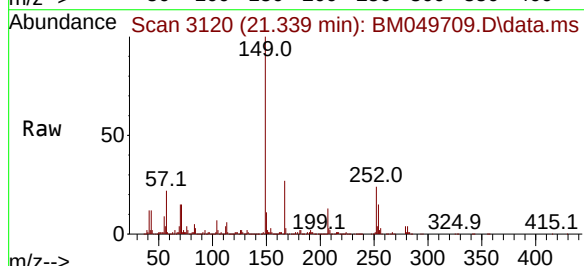
Tgt Ion:149 Resp: 735062

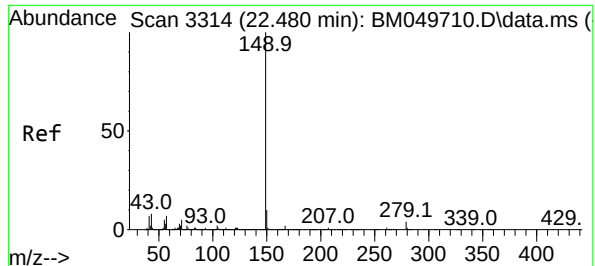
Ion Ratio Lower Upper

149 100

167 27.4 22.9 34.3

279 3.8 3.5 5.3

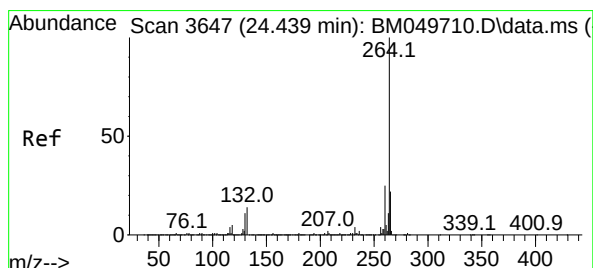
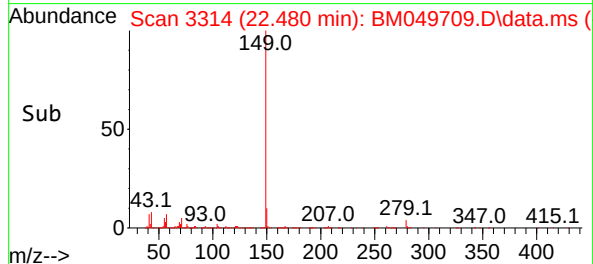
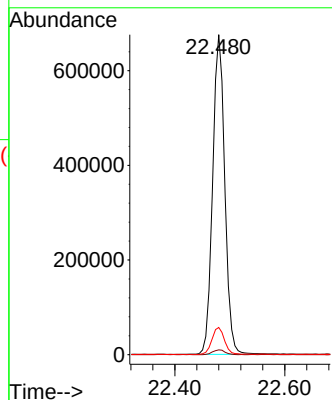
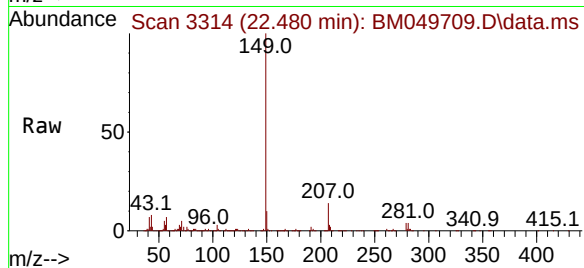




#85
Di-n-octyl phthalate
Concen: 18.166 ng
RT: 22.480 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

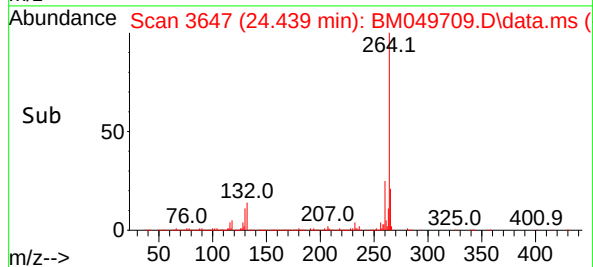
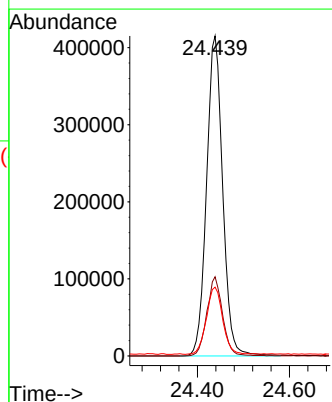
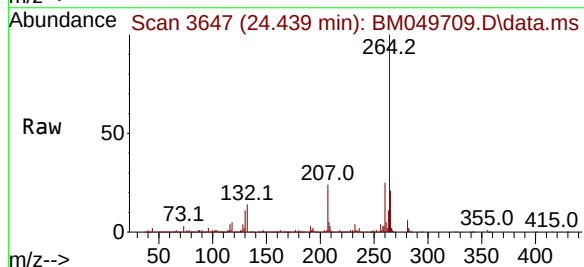
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

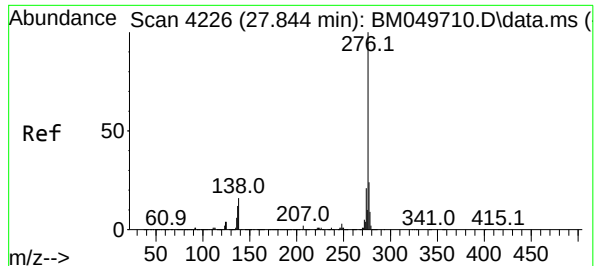
Tgt Ion:149 Resp: 1034304
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.439 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:264 Resp: 1012386
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 21.5 18.2 27.2

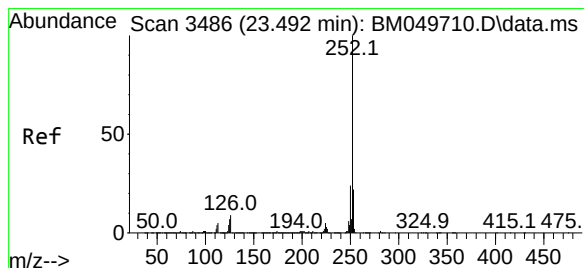
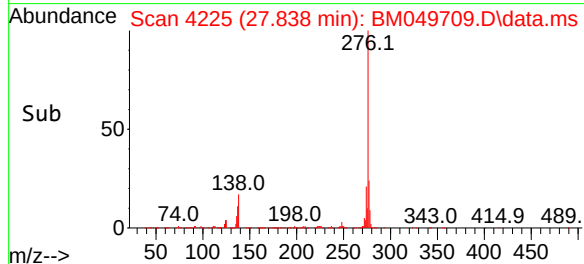
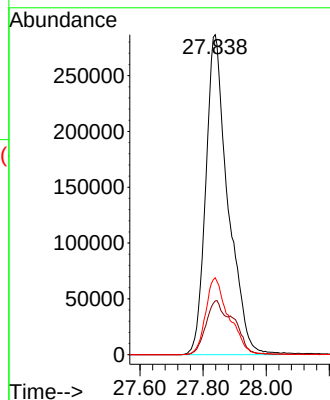
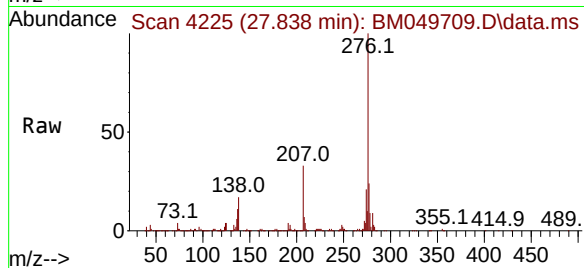




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.195 ng
RT: 27.838 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

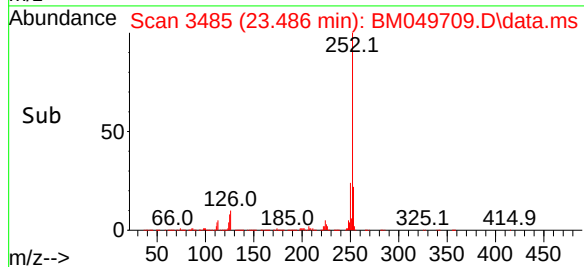
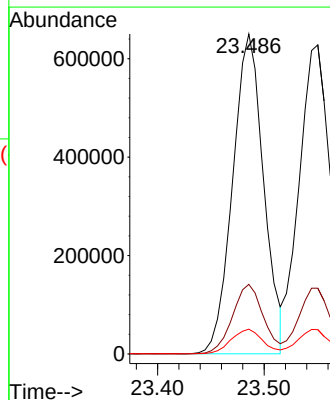
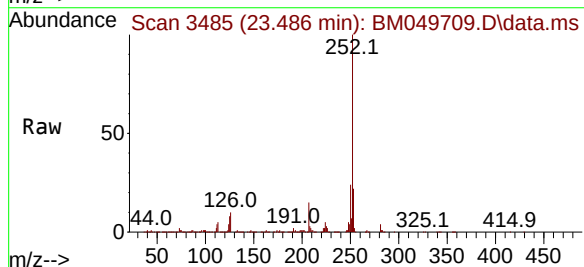
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

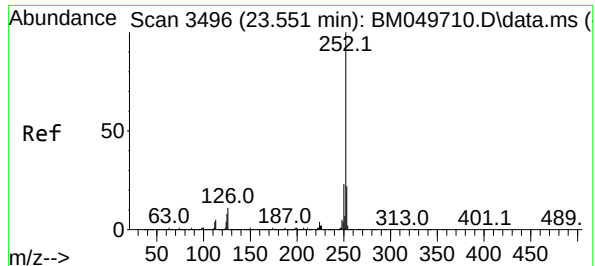
Tgt Ion:276 Resp: 1398710
Ion Ratio Lower Upper
276 100
138 21.1 16.3 24.5
277 25.1 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 19.257 ng
RT: 23.486 min Scan# 3485
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:252 Resp: 1313124
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 7.8 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 19.526 ng

RT: 23.550 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

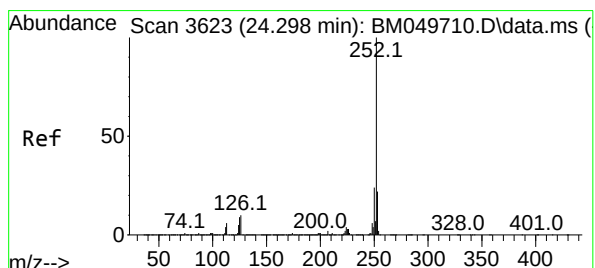
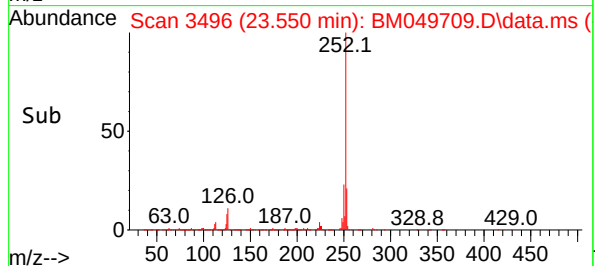
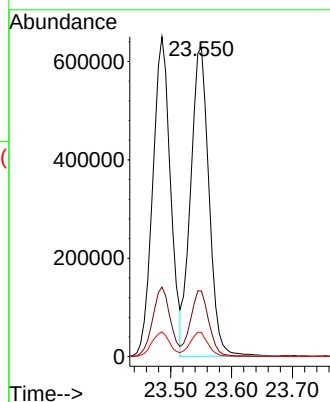
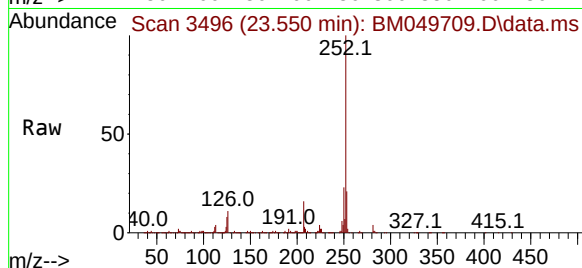
Tgt Ion:252 Resp: 1310136

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 7.9 6.2 9.2



#90

Benzo(a)pyrene

Concen: 19.183 ng

RT: 24.291 min Scan# 3622

Delta R.T. -0.006 min

Lab File: BM049709.D

Acq: 13 Mar 2025 11:00

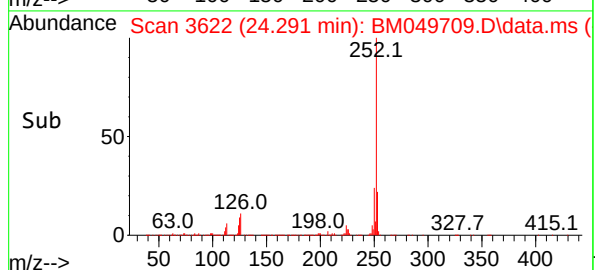
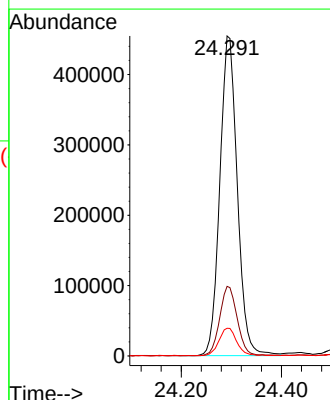
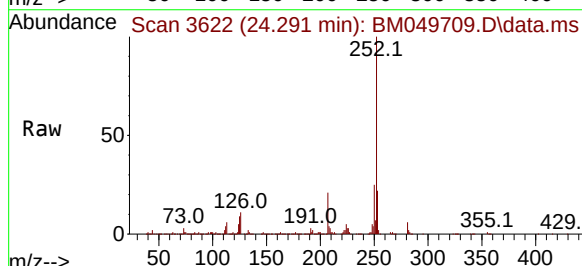
Tgt Ion:252 Resp: 1098704

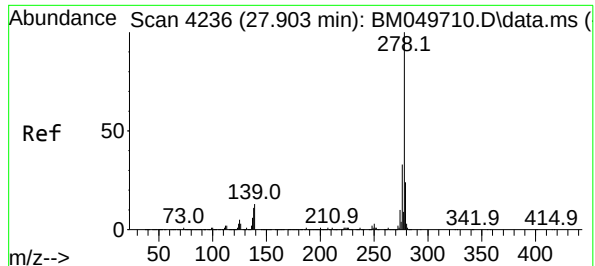
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 8.7 7.0 10.6

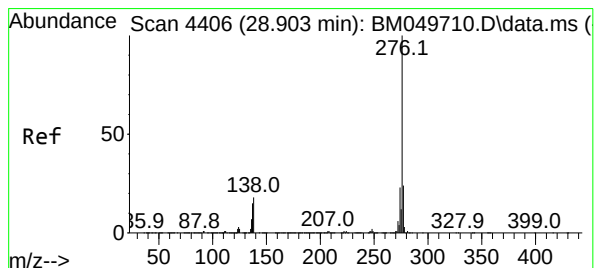
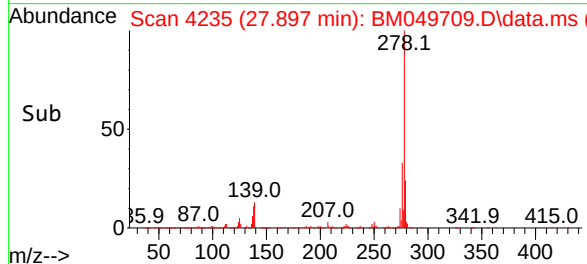
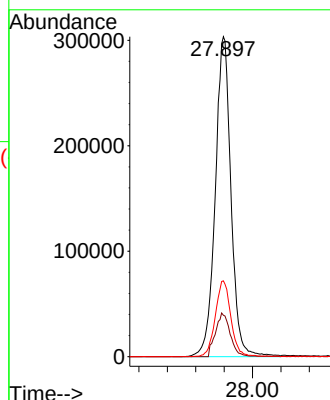
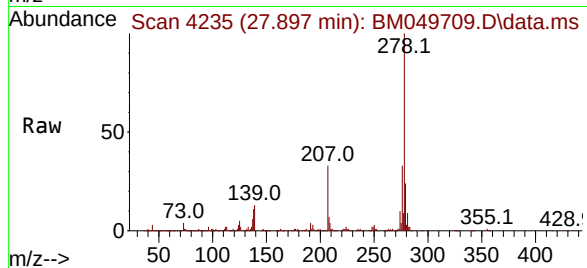




#91
Dibenzo(a,h)anthracene
Concen: 19.199 ng
RT: 27.897 min Scan# 4405
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

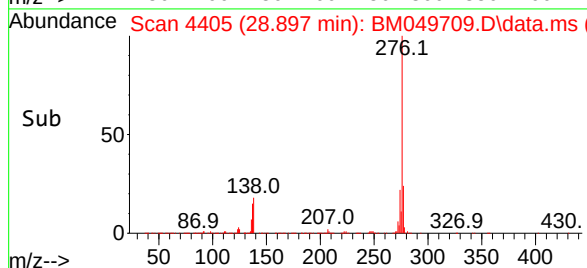
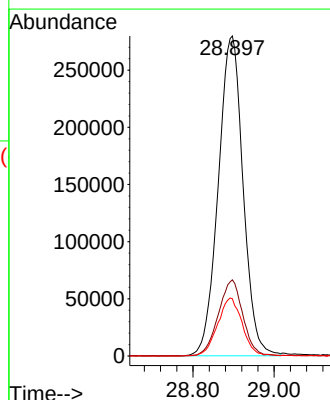
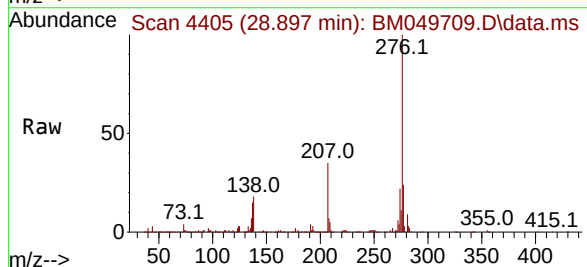
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 1165557
Ion Ratio Lower Upper
278 100
139 13.0 10.1 15.1
279 23.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 19.418 ng
RT: 28.897 min Scan# 4405
Delta R.T. -0.006 min
Lab File: BM049709.D
Acq: 13 Mar 2025 11:00

Tgt Ion:276 Resp: 1187458
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 17.9 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049710.D
 Acq On : 13 Mar 2025 11:39
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Mar 13 14:41:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	306869	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1035933	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	623426	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1179542	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1198251	20.000	ng	0.00
86) Perylene-d12	24.439	264	1136335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1443630	79.378	ng	0.00
7) Phenol-d6	6.981	99	1804713	79.073	ng	0.00
23) Nitrobenzene-d5	8.963	82	1595818	79.090	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	624211	85.746	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3957740	79.506	ng	0.00
79) Terphenyl-d14	19.810	244	5787036	81.384	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	304783	38.713	ng	100
3) Pyridine	3.687	79	797353	39.607	ng	100
4) n-Nitrosodimethylamine	3.593	42	346864	38.989	ng	100
6) Aniline	7.134	93	749171	39.180	ng	100
8) 2-Chlorophenol	7.375	128	704524	39.119	ng	100
9) Benzaldehyde	6.946	77	419230	37.156	ng	100
10) Phenol	7.005	94	859475	38.837	ng	100
11) bis(2-Chloroethyl)ether	7.228	93	688676	38.429	ng	100
12) 1,3-Dichlorobenzene	7.699	146	838709	38.320	ng	100
13) 1,4-Dichlorobenzene	7.840	146	853391	38.649	ng	100
14) 1,2-Dichlorobenzene	8.158	146	816305	38.900	ng	100
15) Benzyl Alcohol	8.046	79	570190	39.810	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.340	45	812183	38.560	ng	100
17) 2-Methylphenol	8.252	107	519545	39.543	ng	100
18) Hexachloroethane	8.887	117	306470	39.304	ng	100
19) n-Nitroso-di-n-propyla...	8.616	70	532286	40.220	ng	100
20) 3+4-Methylphenols	8.581	107	698917	39.694	ng	100
22) Acetophenone	8.628	105	1049385	39.287	ng	100
24) Nitrobenzene	9.005	77	745329	39.175	ng	100
25) Isophorone	9.534	82	1223198	39.484	ng	100
26) 2-Nitrophenol	9.716	139	326569	40.328	ng	100
27) 2,4-Dimethylphenol	9.781	122	407285	39.514	ng	100
28) bis(2-Chloroethoxy)met...	10.016	93	843433	38.655	ng	100
29) 2,4-Dichlorophenol	10.251	162	668537	39.804	ng	100
30) 1,2,4-Trichlorobenzene	10.463	180	809518	38.523	ng	100
31) Naphthalene	10.651	128	2067950	38.821	ng	100
32) Benzoic acid	9.910	122	339891	38.761	ng	100
33) 4-Chloroaniline	10.757	127	724131	39.833	ng	100
34) Hexachlorobutadiene	10.946	225	502566	38.741	ng	100
35) Caprolactam	11.540	113	162546	41.684	ng	100
36) 4-Chloro-3-methylphenol	11.893	107	581269	40.328	ng	100
37) 2-Methylnaphthalene	12.269	142	1458607	39.160	ng	100
38) 1-Methylnaphthalene	12.487	142	1397474	38.887	ng	100
40) 1,2,4,5-Tetrachloroben...	12.634	216	898103	39.219	ng	100
41) Hexachlorocyclopentadiene	12.622	237	343127	40.446	ng	100
43) 2,4,6-Trichlorophenol	12.875	196	521138	40.633	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049710.D
 Acq On : 13 Mar 2025 11:39
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Mar 13 14:41:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration

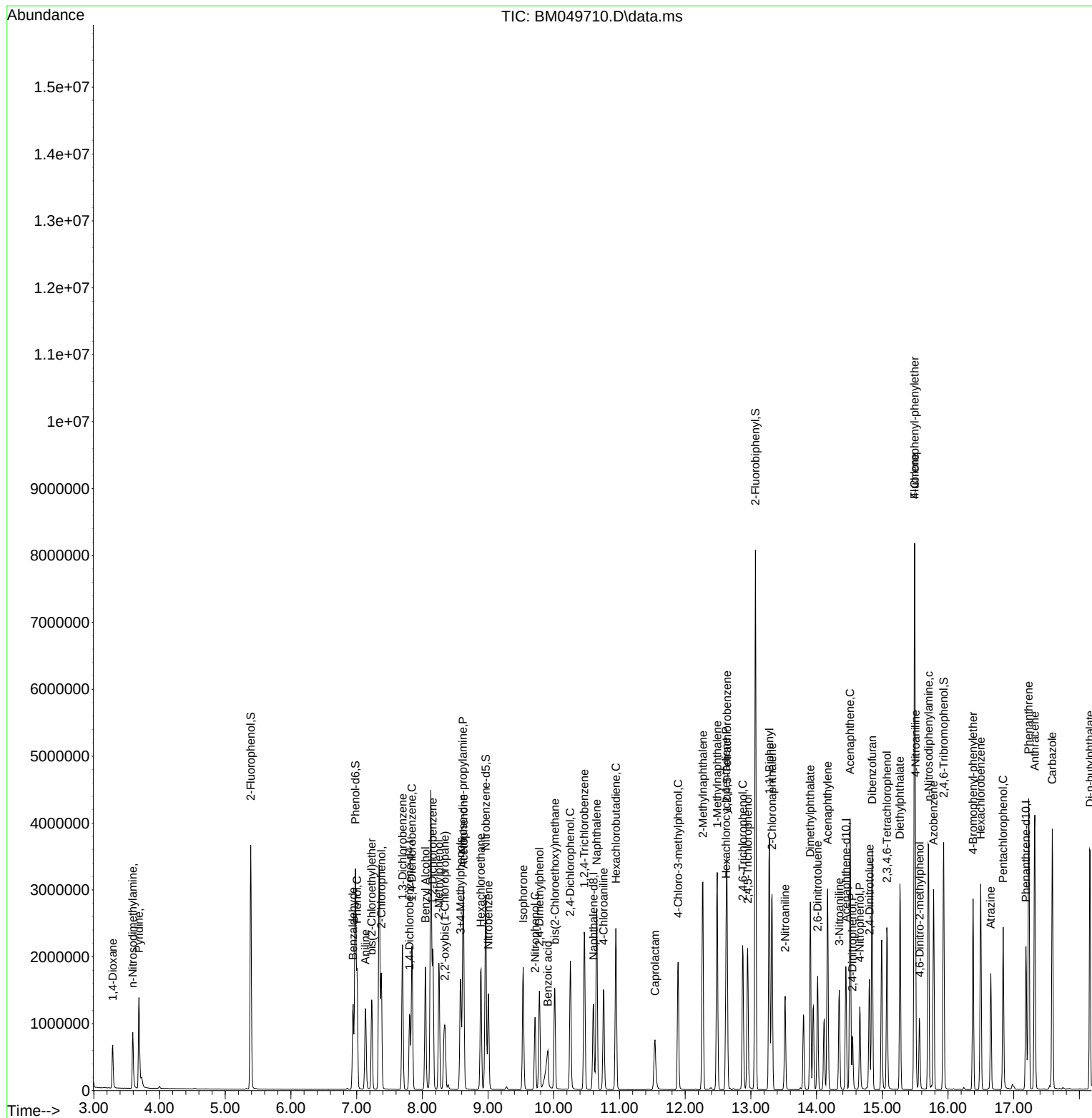
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	571159	40.810	ng	100
46) 1,1'-Biphenyl	13.281	154	1898343	39.509	ng	100
47) 2-Chloronaphthalene	13.322	162	1468019	39.253	ng	100
48) 2-Nitroaniline	13.522	65	349344	41.611	ng	100
49) Acenaphthylene	14.169	152	2084102	39.868	ng	100
50) Dimethylphthalate	13.904	163	1707639	39.784	ng	100
51) 2,6-Dinitrotoluene	14.016	165	349837	40.677	ng	100
52) Acenaphthene	14.510	154	1373000	40.091	ng	100
53) 3-Nitroaniline	14.345	138	340625	41.620	ng	100
54) 2,4-Dinitrophenol	14.545	184	164715	39.242	ng	100
55) Dibenzofuran	14.845	168	2233364	39.088	ng	100
56) 4-Nitrophenol	14.657	139	290397	40.763	ng	100
57) 2,4-Dinitrotoluene	14.804	165	462604	41.801	ng	100
58) Fluorene	15.492	166	1868135	40.158	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.069	232	479751	40.950	ng	100
60) Diethylphthalate	15.269	149	1619118	40.052	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	1020109	40.157	ng	100
62) 4-Nitroaniline	15.504	138	372286	38.997	ng	100
63) Azobenzene	15.781	77	1551742	40.187	ng	100
65) 4,6-Dinitro-2-methylph...	15.569	198	235447	39.014	ng	100
66) n-Nitrosodiphenylamine	15.704	169	1414490	39.580	ng	100
67) 4-Bromophenyl-phenylether	16.380	248	532750	39.119	ng	100
68) Hexachlorobenzene	16.498	284	592070	38.661	ng	100
69) Atrazine	16.651	200	302291	38.381	ng	100
70) Pentachlorophenol	16.839	266	380031	39.488	ng	100
71) Phenanthrene	17.227	178	2579008	39.376	ng	100
72) Anthracene	17.322	178	2514440	39.641	ng	100
73) Carbazole	17.586	167	2338547	40.709	ng	100
74) Di-n-butylphthalate	18.163	149	2552958	40.548	ng	100
75) Fluoranthene	19.245	202	3065801	40.657	ng	100
77) Benzidine	19.427	184	504419	35.039	ng	100
78) Pyrene	19.604	202	3182324	38.013	ng	100
80) Butylbenzylphthalate	20.510	149	1035949	39.874	ng	100
81) Benzo(a)anthracene	21.410	228	3132766	39.142	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	985353	37.814	ng	100
83) Chrysene	21.468	228	2977456	39.245	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1624965	40.133	ng	100
85) Di-n-octyl phthalate	22.480	149	2419176	38.441	ng	100
87) Indeno(1,2,3-cd)pyrene	27.844	276	3252652	39.769	ng	100
88) Benzo(b)fluoranthene	23.492	252	3021800	39.482	ng	100
89) Benzo(k)fluoranthene	23.551	252	2934888	38.970	ng	100
90) Benzo(a)pyrene	24.298	252	2545218	39.591	ng	100
91) Dibenzo(a,h)anthracene	27.903	278	2700706	39.633	ng	100
92) Benzo(g,h,i)perylene	28.903	276	2735035	39.847	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049710.D
Acq On : 13 Mar 2025 11:39
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

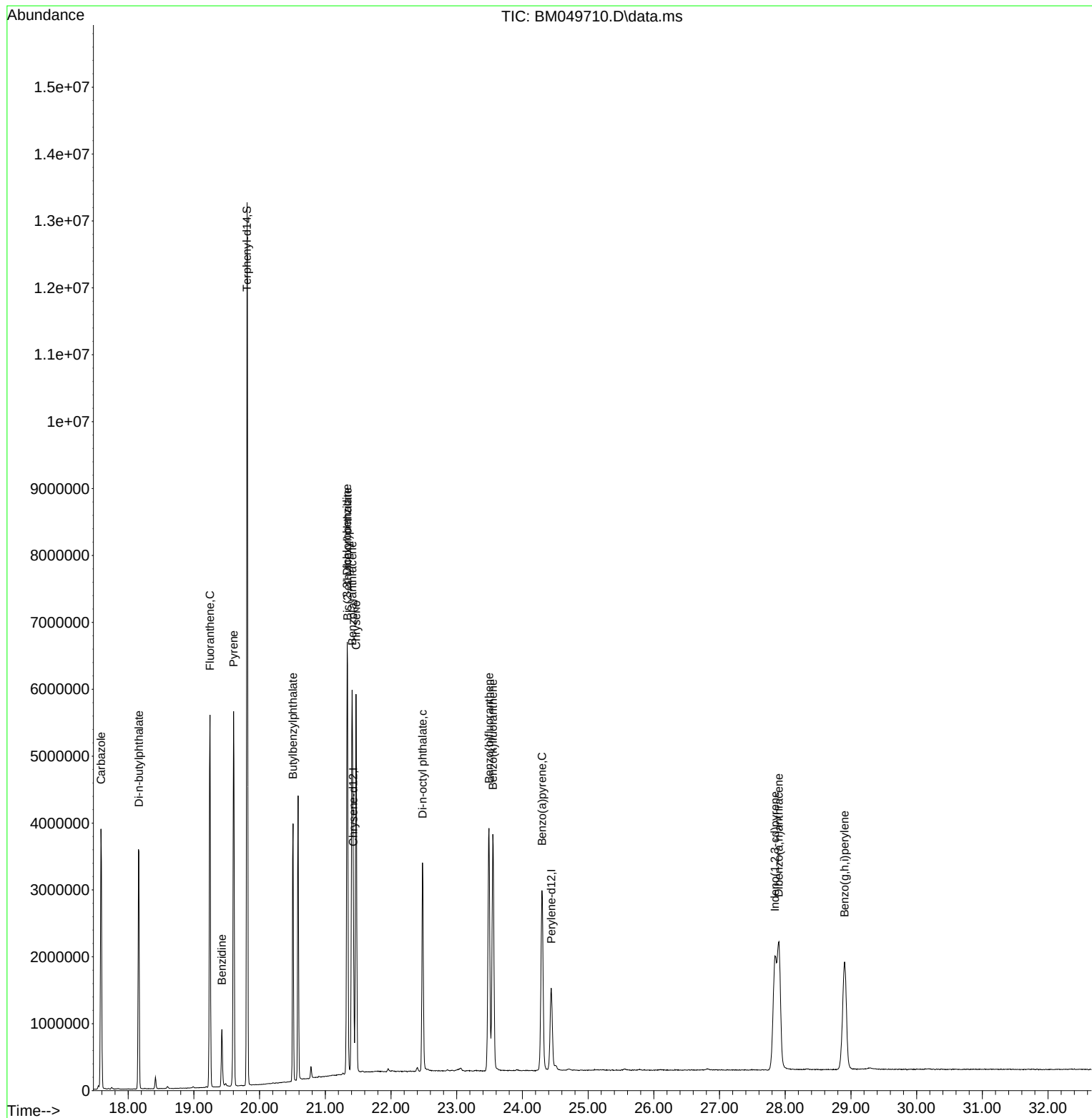
Quant Time: Mar 13 14:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration

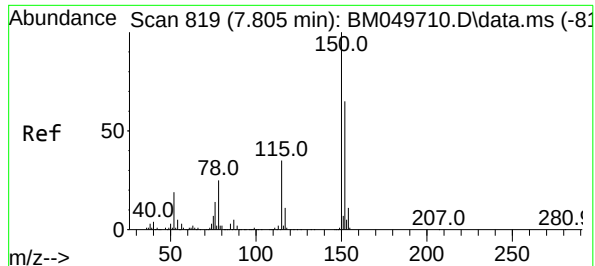


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049710.D
Acq On : 13 Mar 2025 11:39
Operator : RC/JU
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Mar 13 14:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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Response via : Initial Calibration

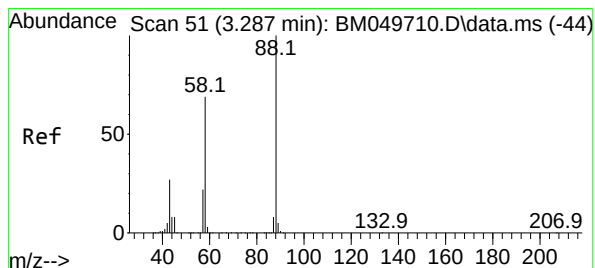
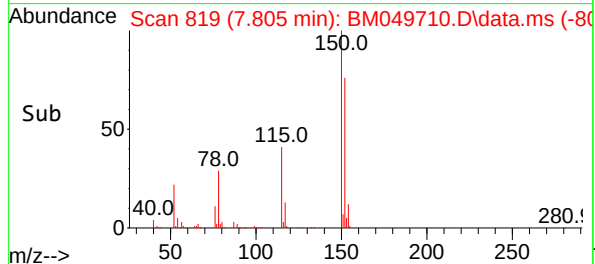
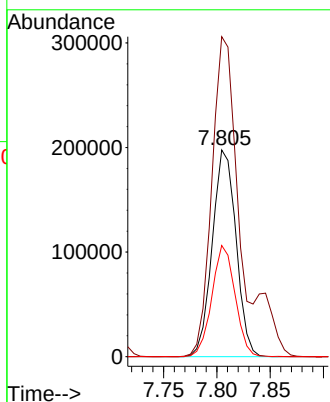
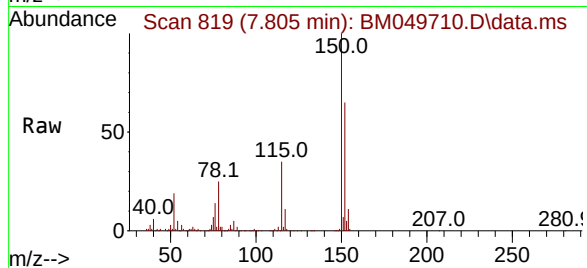




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

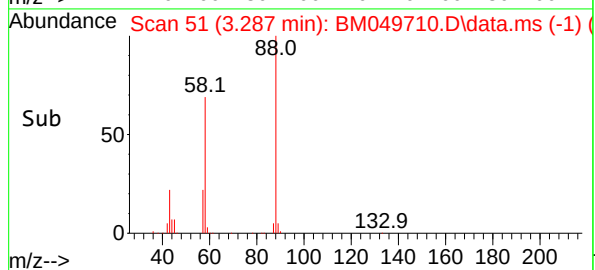
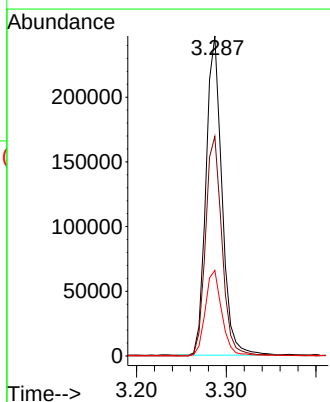
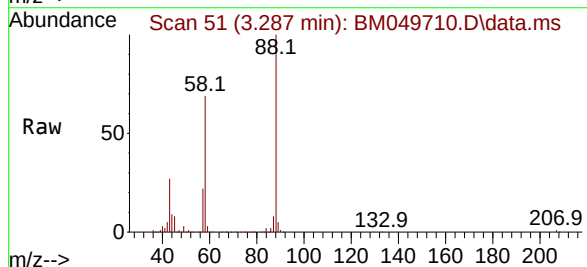
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

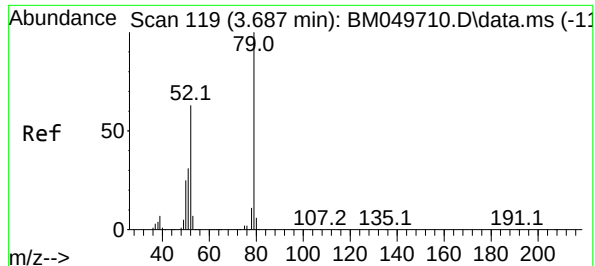
Tgt Ion:152 Resp: 306869
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.8
115 53.8 43.0 64.6



#2
1,4-Dioxane
Concen: 38.713 ng
RT: 3.287 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion: 88 Resp: 304783
Ion Ratio Lower Upper
88 100
58 70.9 56.7 85.1
43 28.3 22.6 34.0

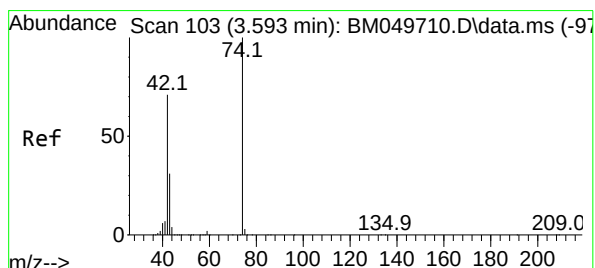
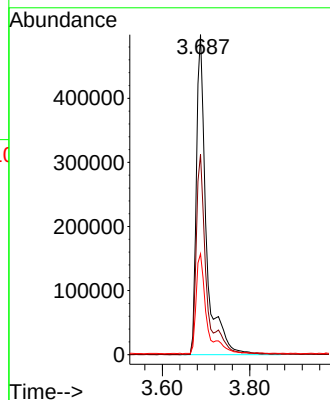
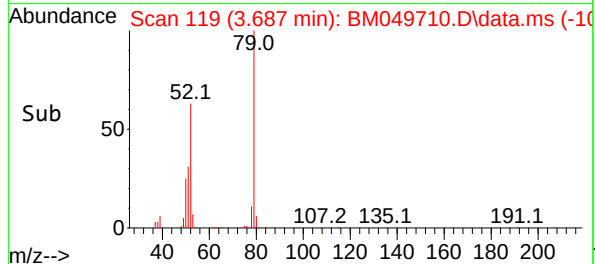
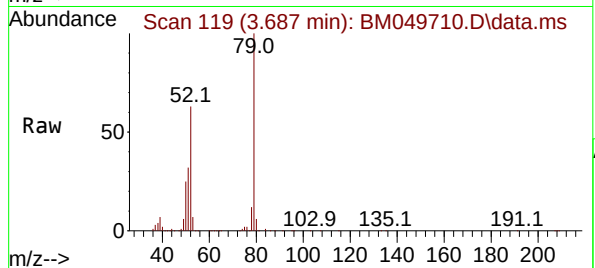




#3
Pyridine
Concen: 39.607 ng
RT: 3.687 min Scan# 119
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

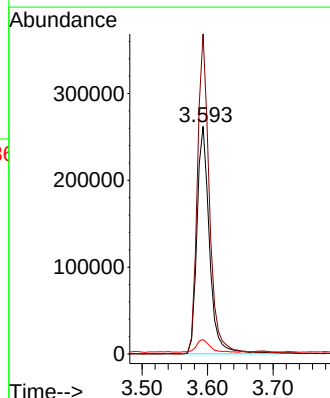
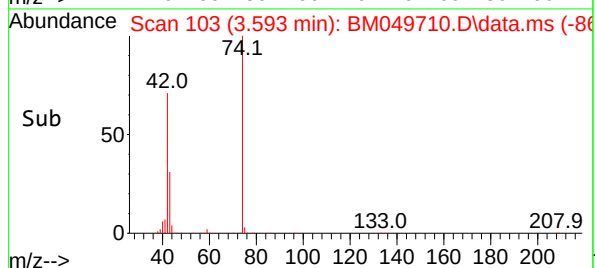
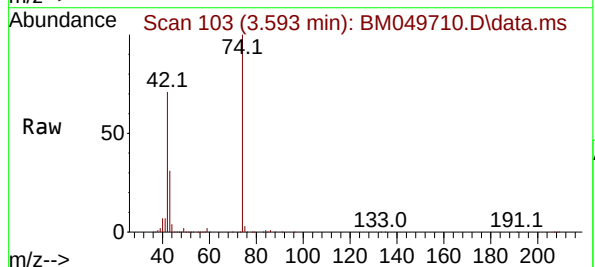
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

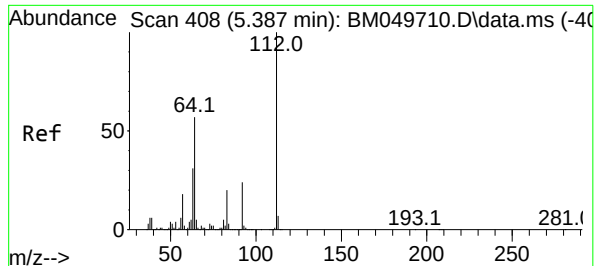
Tgt Ion: 79 Resp: 797353
Ion Ratio Lower Upper
79 100
52 62.6 50.1 75.1
51 31.5 25.2 37.8



#4
n-Nitrosodimethylamine
Concen: 38.989 ng
RT: 3.593 min Scan# 103
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion: 42 Resp: 346864
Ion Ratio Lower Upper
42 100
74 140.7 112.6 168.8
44 6.3 5.0 7.6

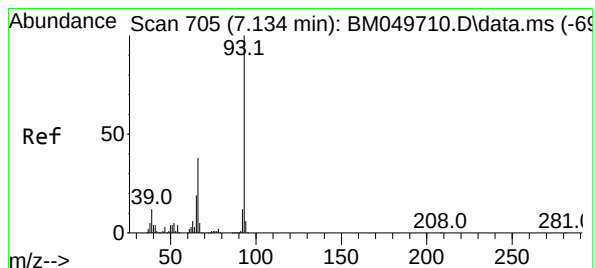
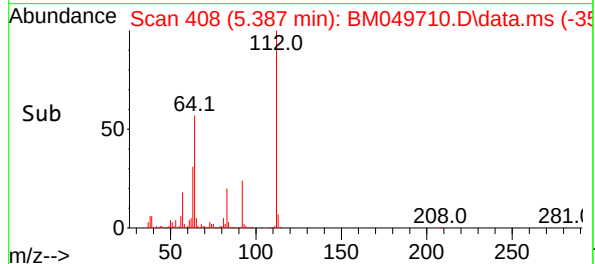
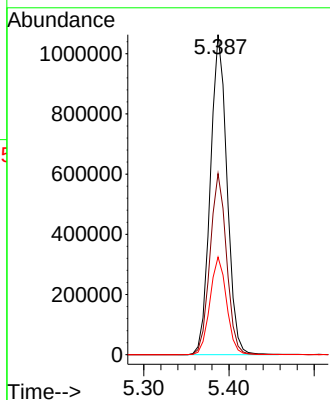
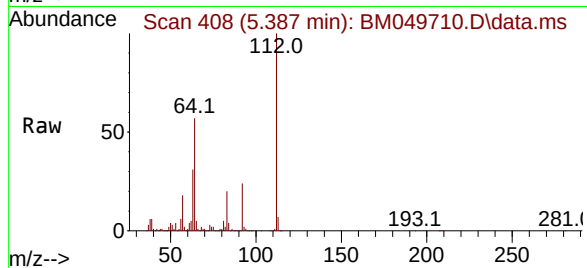




#5
2-Fluorophenol
Concen: 79.378 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

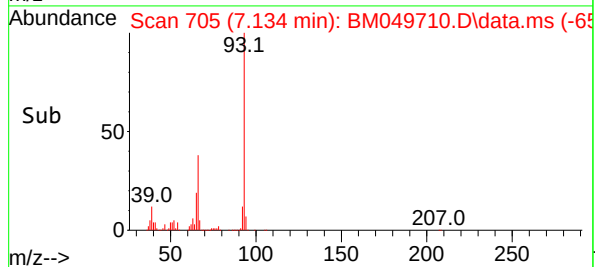
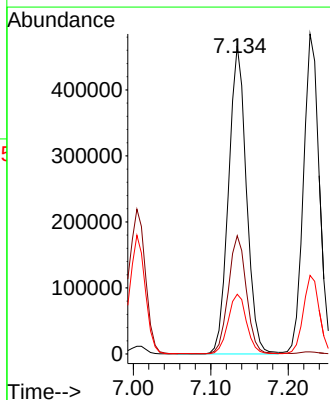
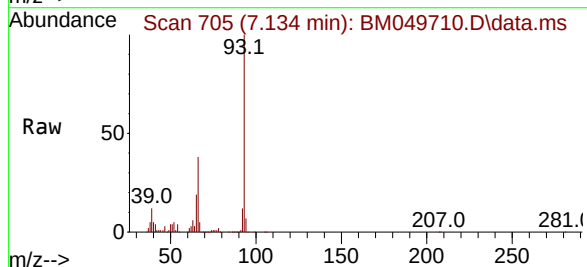
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

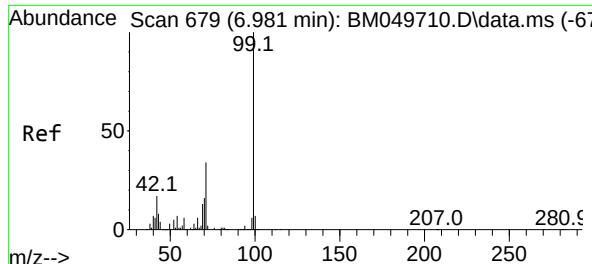
Tgt Ion:112 Resp: 1443630
Ion Ratio Lower Upper
112 100
64 56.6 45.3 67.9
63 30.5 24.4 36.6



#6
Aniline
Concen: 39.180 ng
RT: 7.134 min Scan# 705
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion: 93 Resp: 749171
Ion Ratio Lower Upper
93 100
66 38.3 30.6 46.0
65 19.3 15.4 23.2

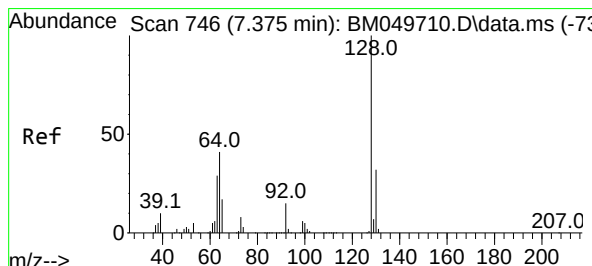
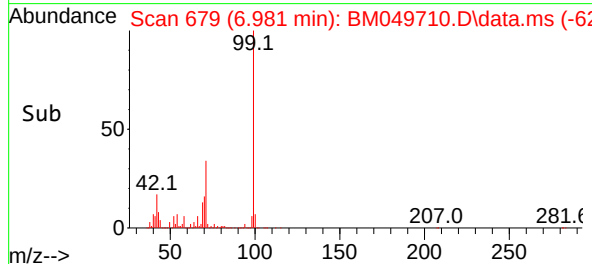
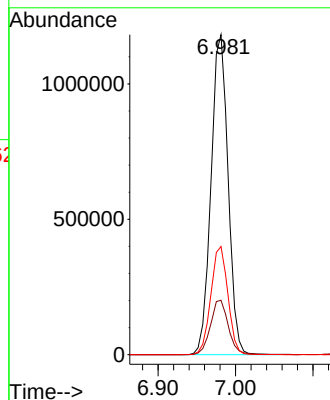
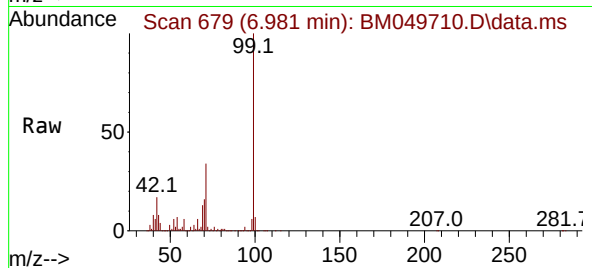




#7
Phenol-d6
Concen: 79.073 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

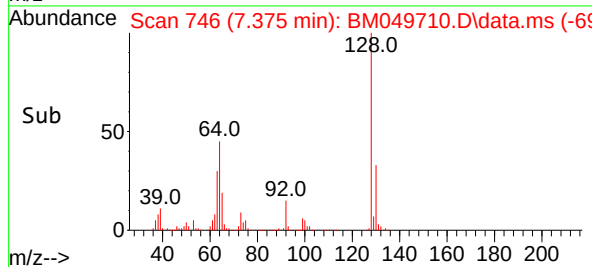
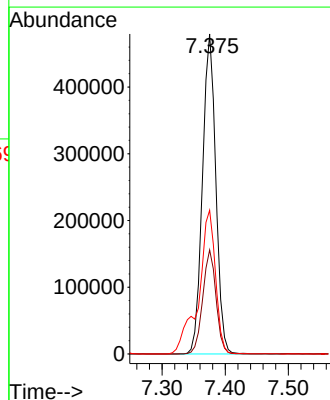
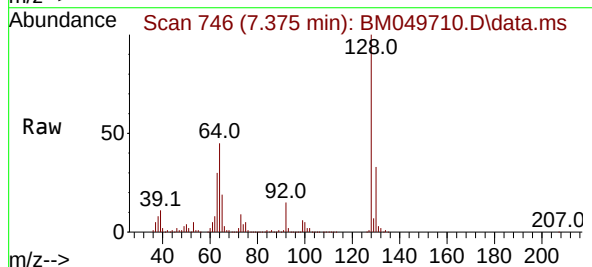
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

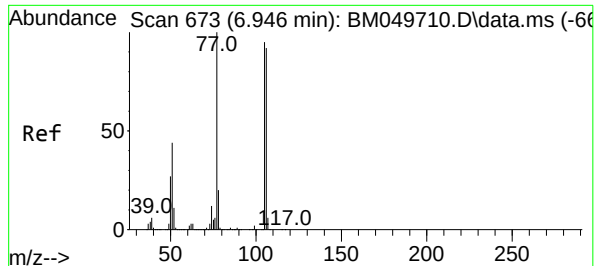
Tgt Ion: 99 Resp: 1804713
Ion Ratio Lower Upper
99 100
42 17.0 13.6 20.4
71 33.8 27.0 40.6



#8
2-Chlorophenol
Concen: 39.119 ng
RT: 7.375 min Scan# 746
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion: 128 Resp: 704524
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 44.9 24.9 64.9





#9

Benzaldehyde

Concen: 37.156 ng

RT: 6.946 min Scan# 673

Delta R.T. -0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Instrument :

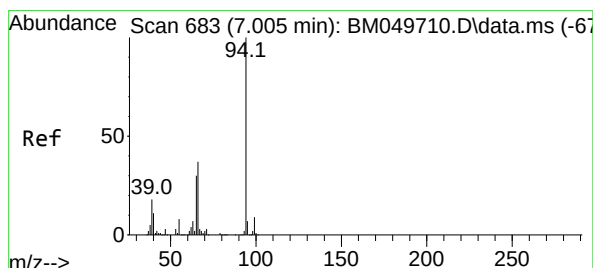
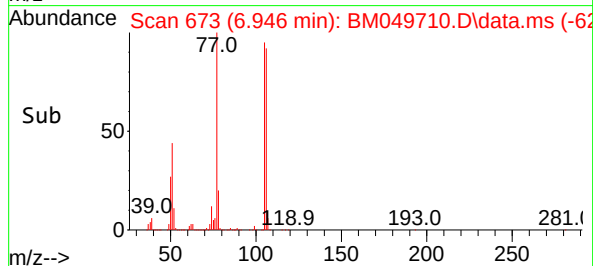
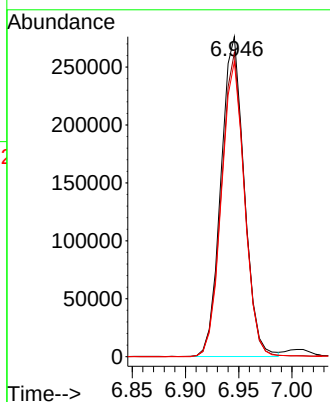
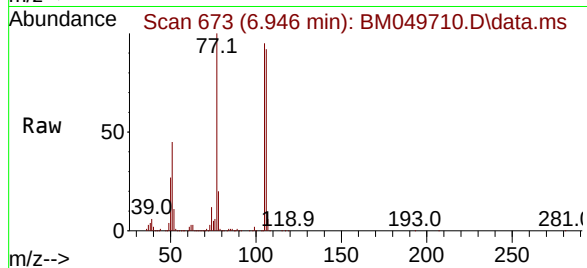
BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 419230

Ion	Ratio	Lower	Upper
77	100		
105	95.0	75.0	115.0
106	92.3	72.3	112.3



#10

Phenol

Concen: 38.837 ng

RT: 7.005 min Scan# 683

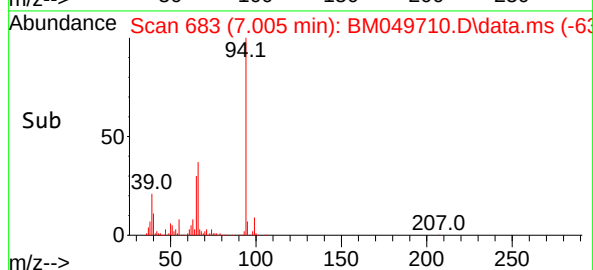
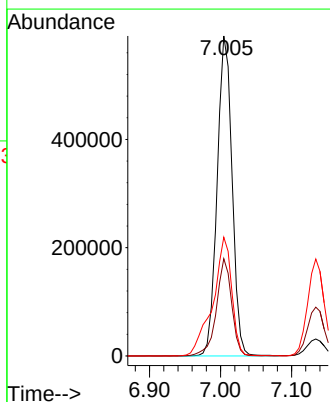
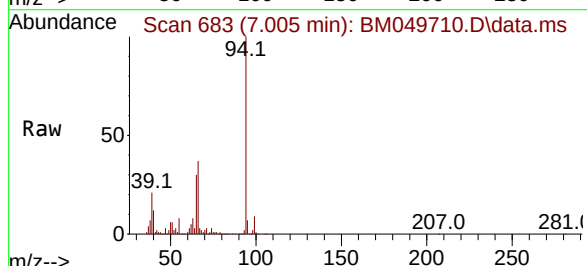
Delta R.T. 0.000 min

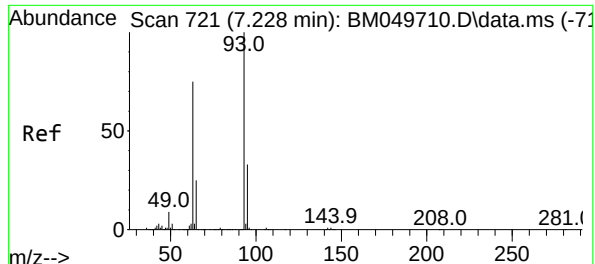
Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Tgt Ion: 94 Resp: 859475

Ion	Ratio	Lower	Upper
94	100		
65	30.4	10.4	50.4
66	37.1	17.1	57.1





#11

bis(2-Chloroethyl)ether

Concen: 38.429 ng

RT: 7.228 min Scan# 721

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

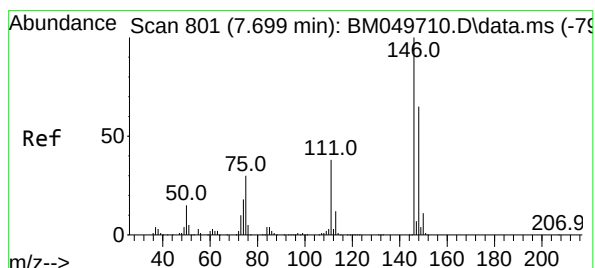
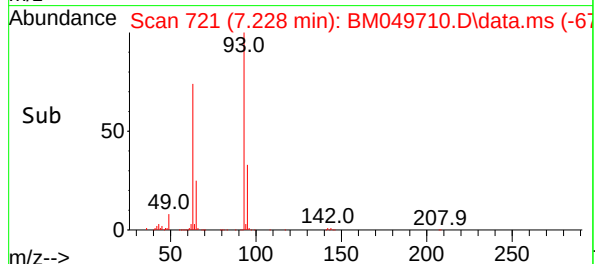
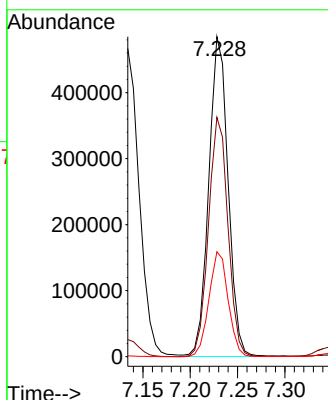
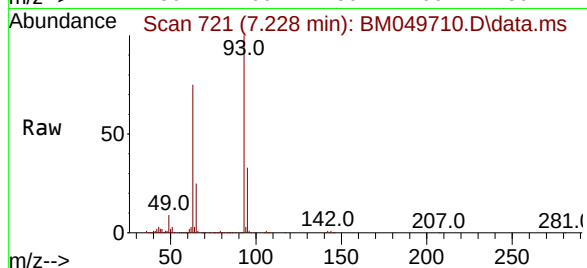
Tgt Ion: 93 Resp: 688676

Ion Ratio Lower Upper

93 100

63 74.8 54.8 94.8

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.320 ng

RT: 7.699 min Scan# 801

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

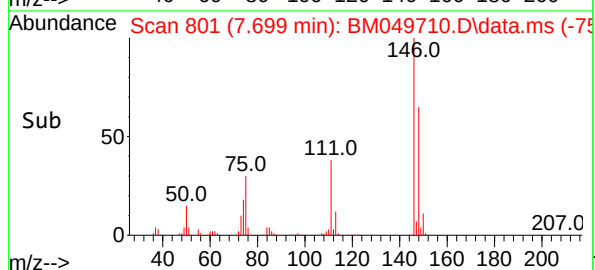
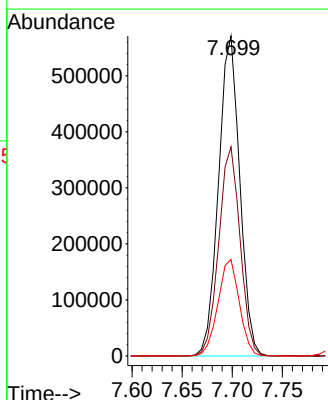
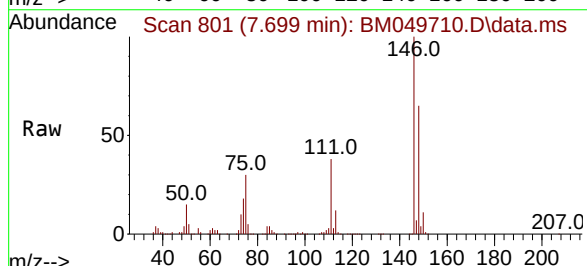
Tgt Ion: 146 Resp: 838709

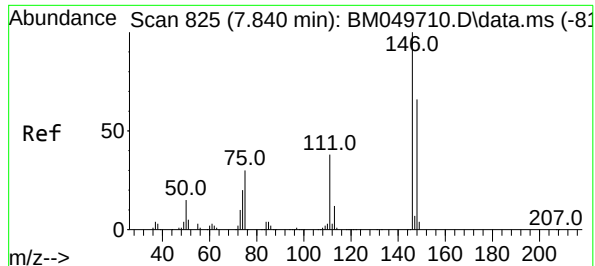
Ion Ratio Lower Upper

146 100

148 65.4 52.3 78.5

75 30.2 24.2 36.2

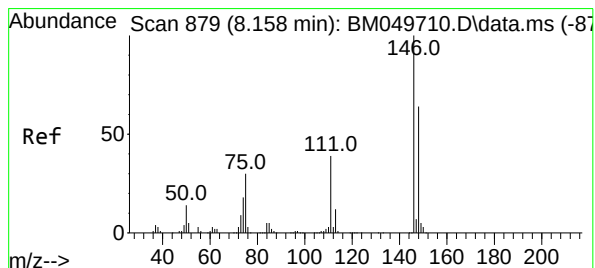
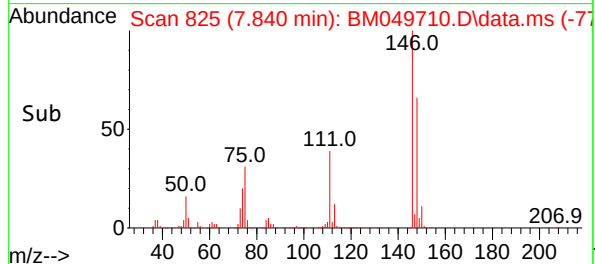
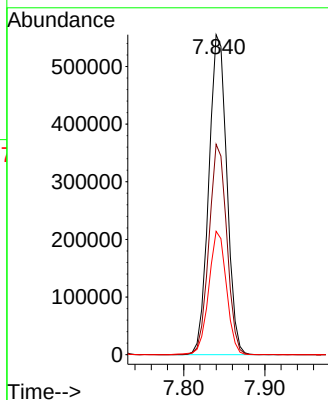
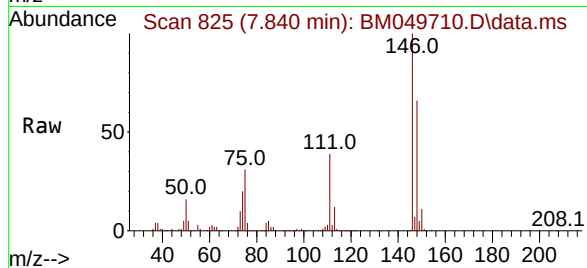




#13
1,4-Dichlorobenzene
Concen: 38.649 ng
RT: 7.840 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

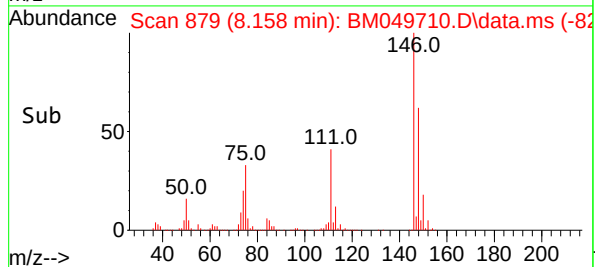
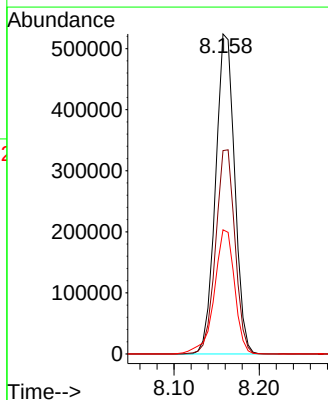
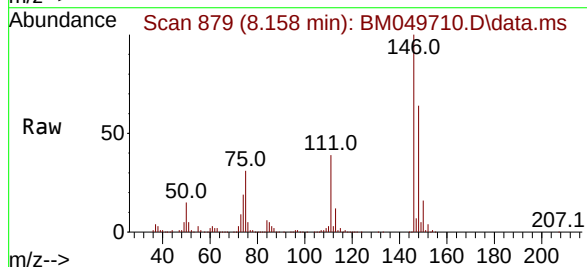
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

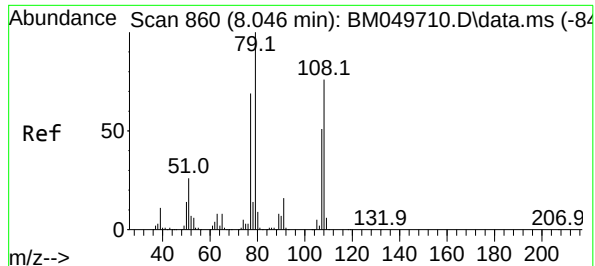
Tgt Ion:146 Resp: 853391
Ion Ratio Lower Upper
146 100
148 65.8 52.6 79.0
111 38.5 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 38.900 ng
RT: 8.158 min Scan# 879
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:146 Resp: 816305
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
111 38.8 31.0 46.6





#15

Benzyl Alcohol

Concen: 39.810 ng

RT: 8.046 min Scan# 80

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

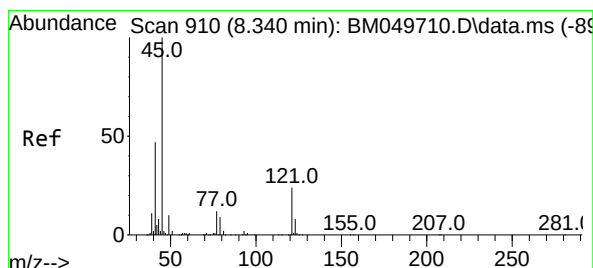
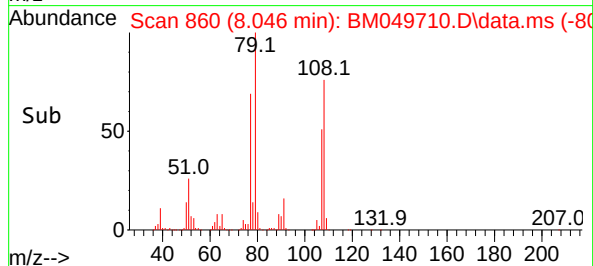
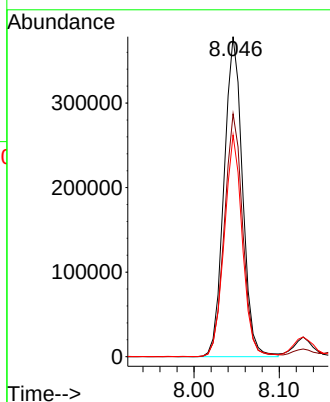
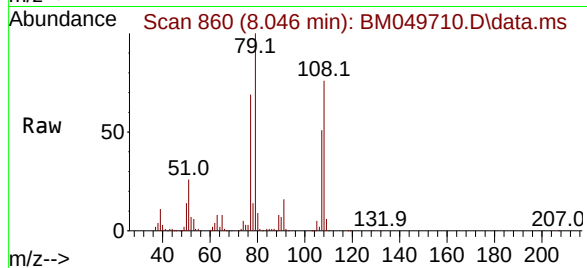
Tgt Ion: 79 Resp: 570190

Ion Ratio Lower Upper

79 100

108 75.9 60.7 91.1

77 69.3 55.4 83.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.560 ng

RT: 8.340 min Scan# 910

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

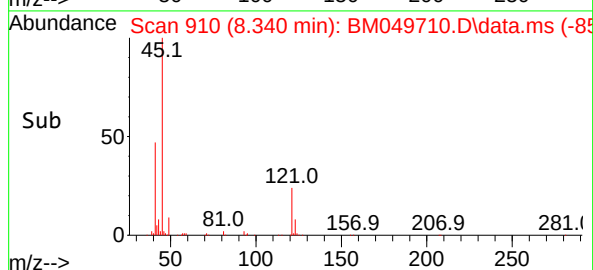
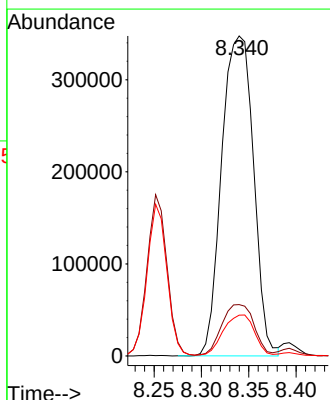
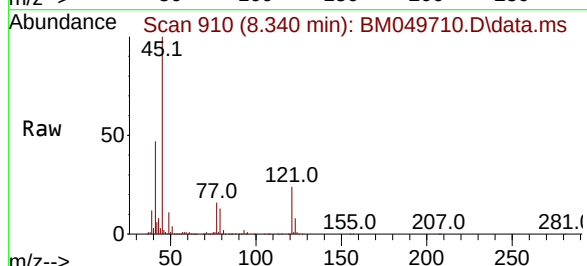
Tgt Ion: 45 Resp: 812183

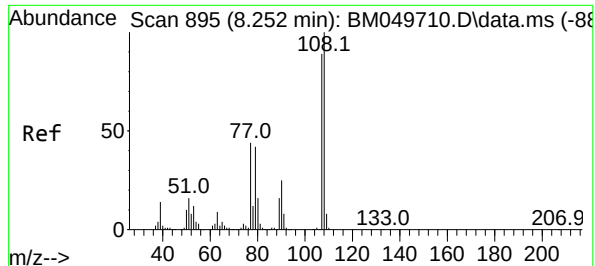
Ion Ratio Lower Upper

45 100

77 16.1 0.0 36.1

79 12.8 0.0 32.8





#17

2-Methylphenol

Concen: 39.543 ng

RT: 8.252 min Scan# 895

Delta R.T. 0.000 min

Lab File: BM049710.D

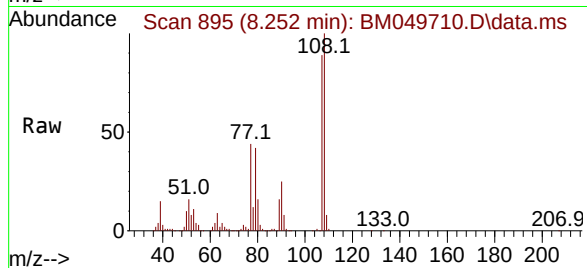
Acq: 13 Mar 2025 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040



Tgt Ion:107 Resp: 519545

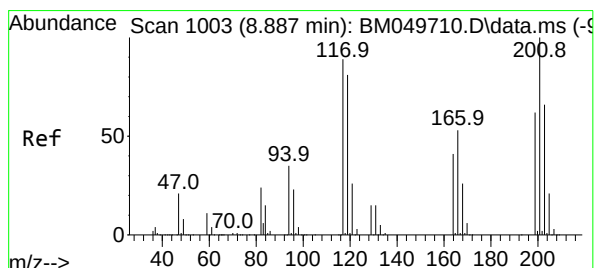
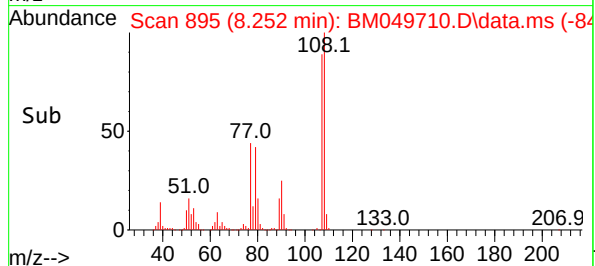
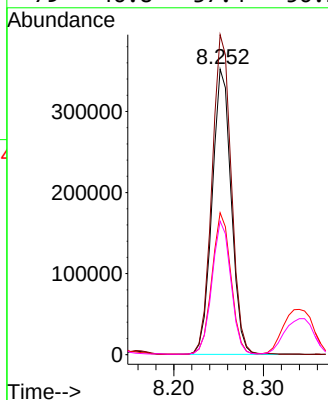
Ion Ratio Lower Upper

107 100

108 112.0 89.6 134.4

77 49.7 39.8 59.6

79 46.8 37.4 56.2



#18

Hexachloroethane

Concen: 39.304 ng

RT: 8.887 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

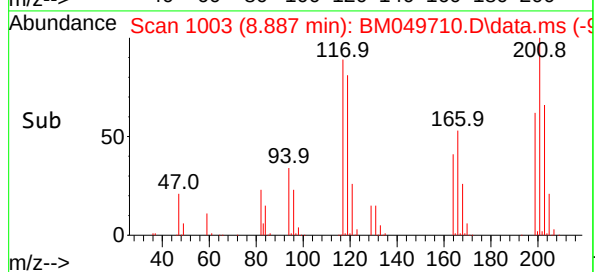
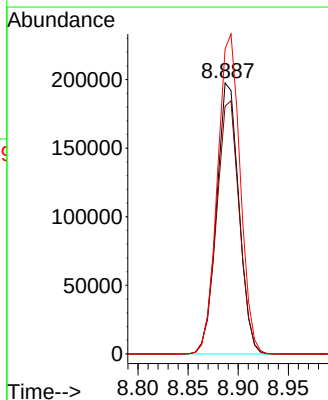
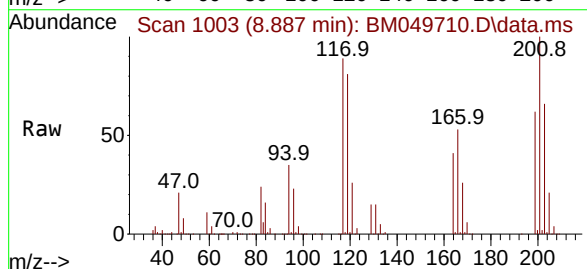
Tgt Ion:117 Resp: 306470

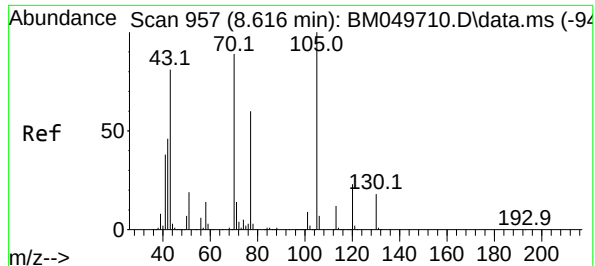
Ion Ratio Lower Upper

117 100

119 91.4 73.1 109.7

201 112.5 90.0 135.0

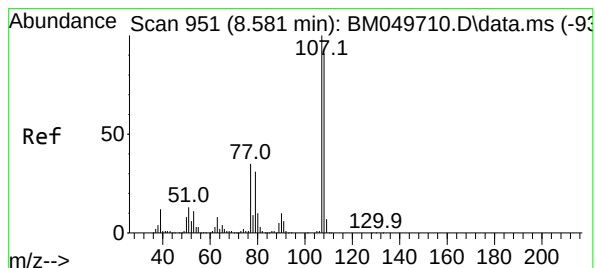
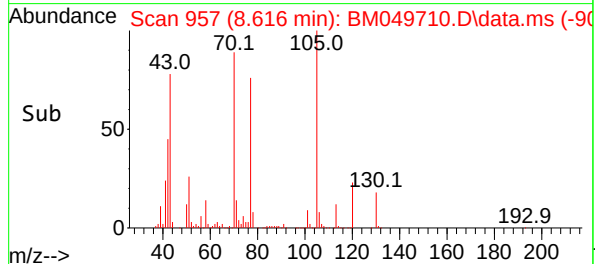
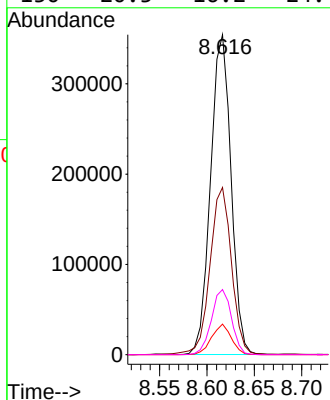
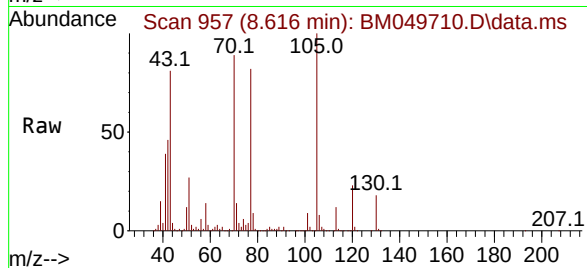




#19
n-Nitroso-di-n-propylamine
Concen: 40.220 ng
RT: 8.616 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

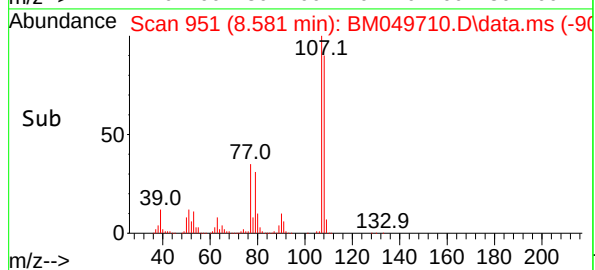
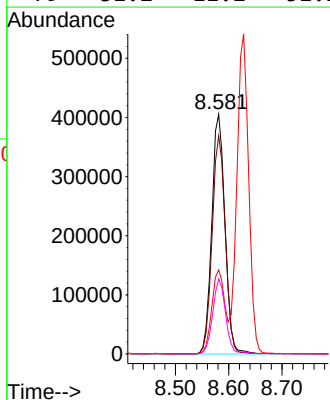
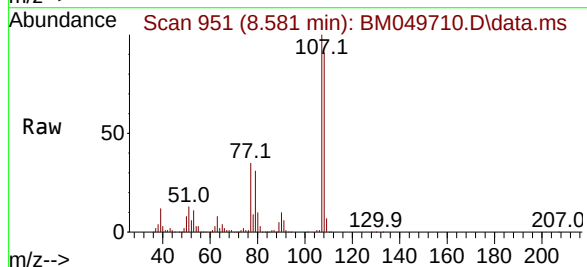
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

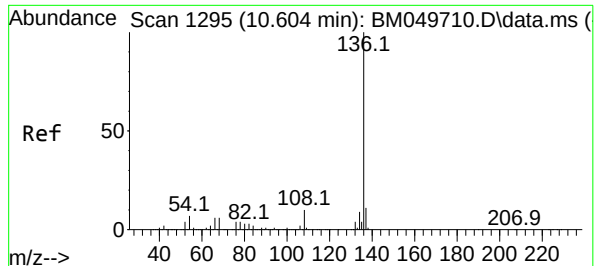
Tgt Ion: 70 Resp: 532286
Ion Ratio Lower Upper
70 100
42 52.2 41.8 62.6
101 9.6 7.7 11.5
130 20.3 16.2 24.4



#20
3+4-Methylphenols
Concen: 39.694 ng
RT: 8.581 min Scan# 951
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion: 107 Resp: 698917
Ion Ratio Lower Upper
107 100
108 91.0 71.0 111.0
77 35.1 15.1 55.1
79 31.2 11.2 51.2

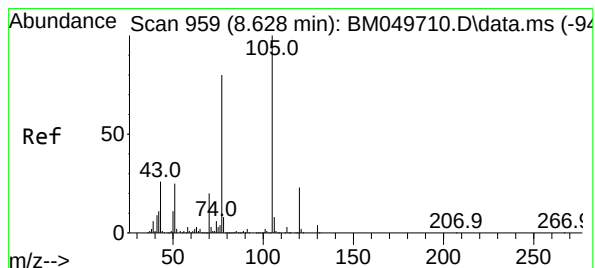
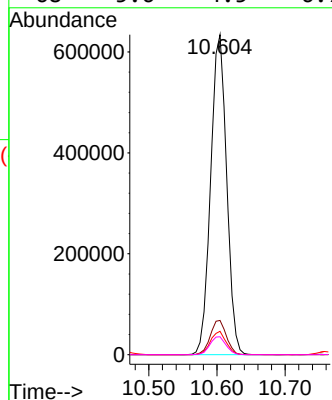
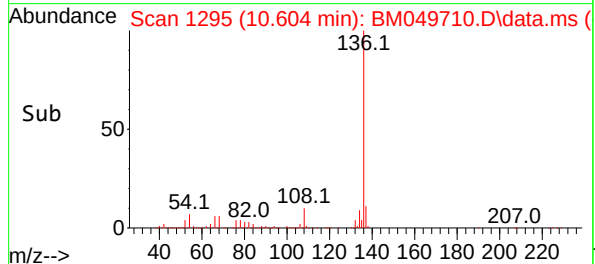
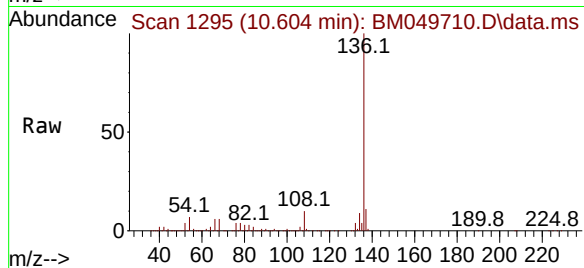




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

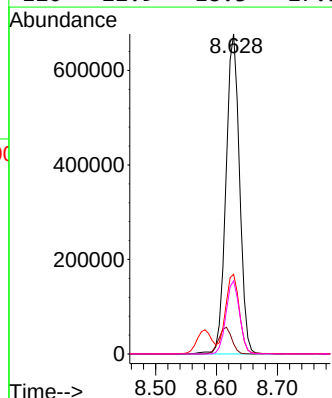
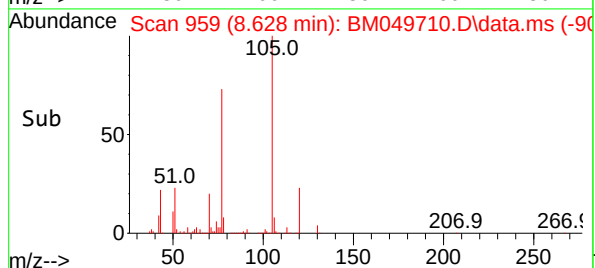
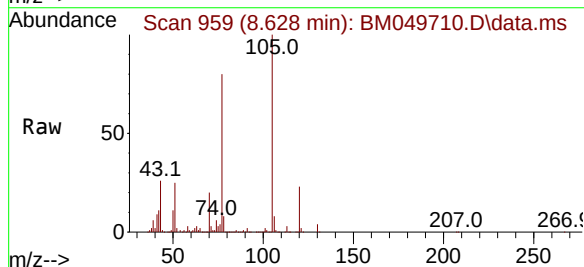
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

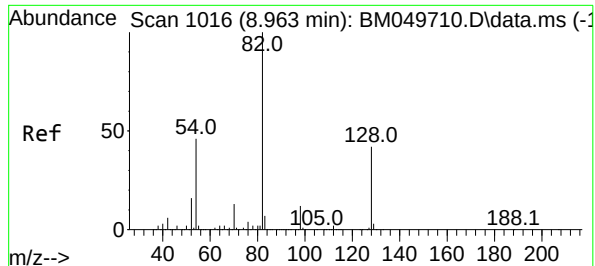
Tgt Ion:136 Resp: 1035933
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.3 5.8 8.8
68 5.6 4.5 6.7



#22
Acetophenone
Concen: 39.287 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:105 Resp: 1049385
Ion Ratio Lower Upper
105 100
71 3.1 2.5 3.7
51 24.9 19.9 29.9
120 22.9 18.3 27.5





#23

Nitrobenzene-d5

Concen: 79.090 ng

RT: 8.963 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

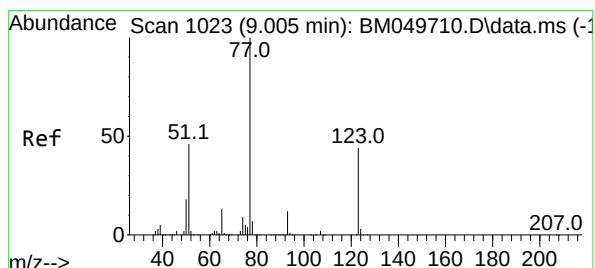
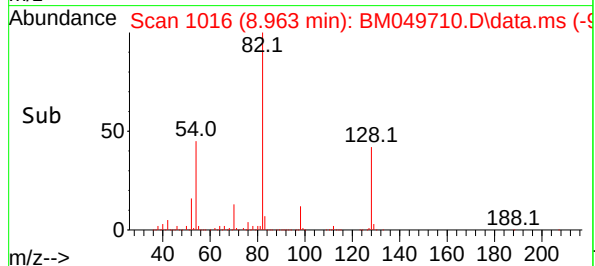
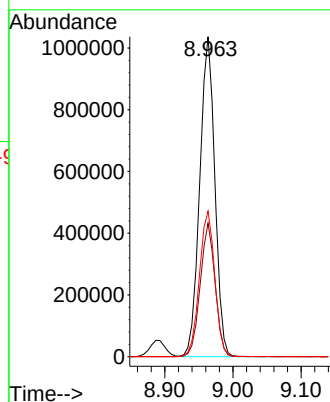
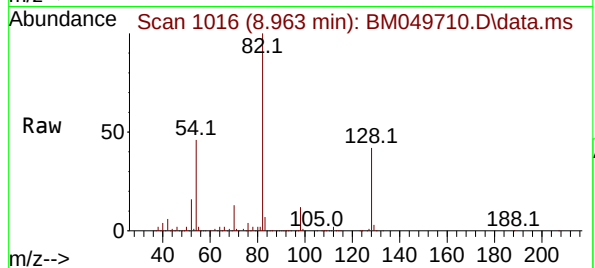
Tgt Ion: 82 Resp: 1595818

Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.0

54 45.5 36.4 54.6



#24

Nitrobenzene

Concen: 39.175 ng

RT: 9.005 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

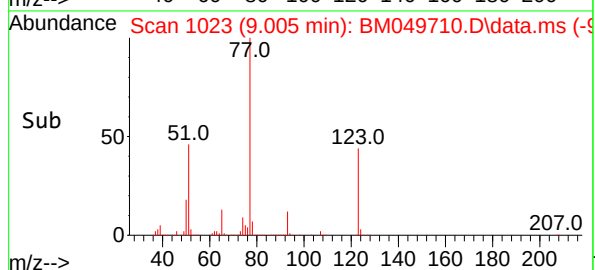
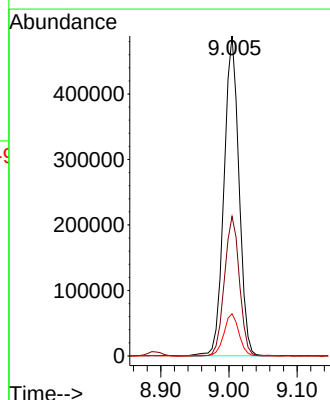
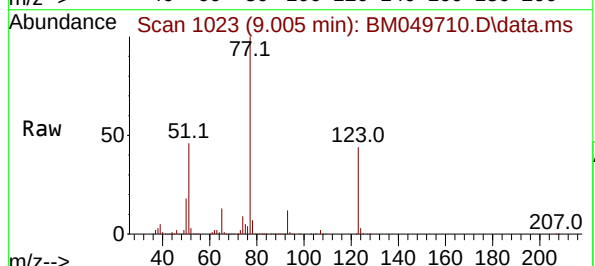
Tgt Ion: 77 Resp: 745329

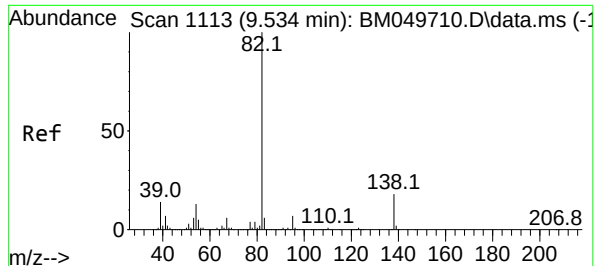
Ion Ratio Lower Upper

77 100

123 43.6 34.9 52.3

65 13.2 10.6 15.8

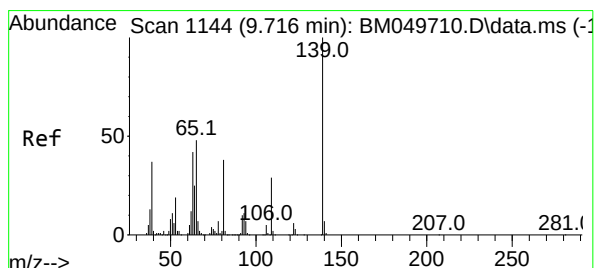
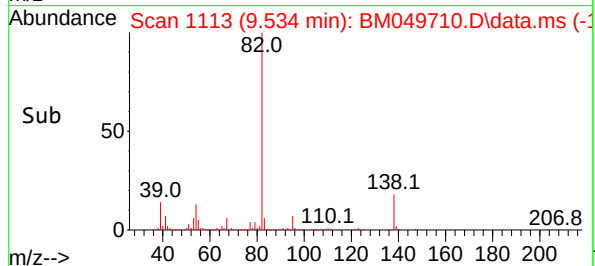
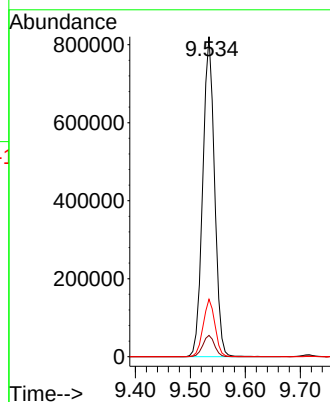
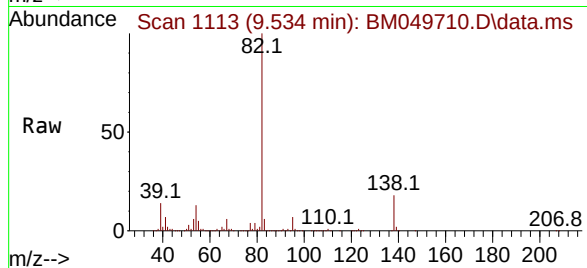




#25
Isophorone
Concen: 39.484 ng
RT: 9.534 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

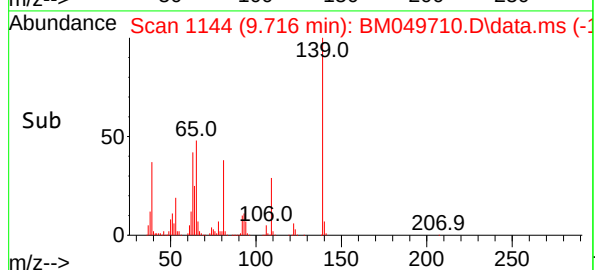
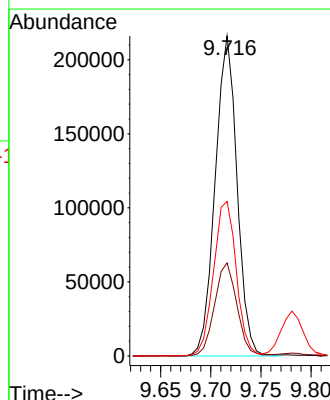
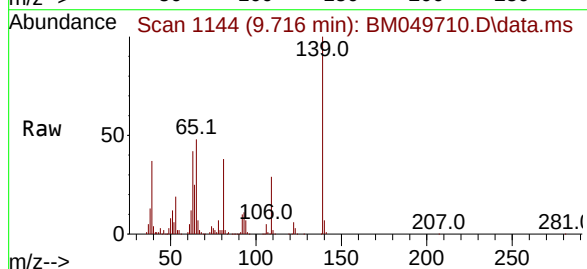
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

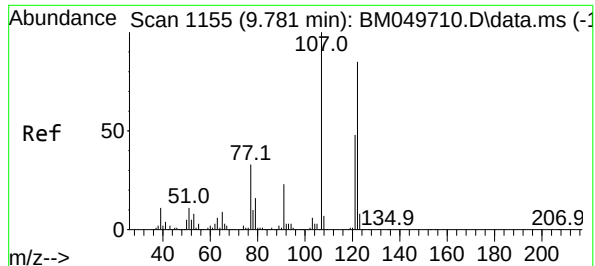
Tgt Ion: 82 Resp: 1223198
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.0 14.4 21.6



#26
2-Nitrophenol
Concen: 40.328 ng
RT: 9.716 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion: 139 Resp: 326569
Ion Ratio Lower Upper
139 100
109 29.1 23.3 34.9
65 48.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 39.514 ng

RT: 9.781 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

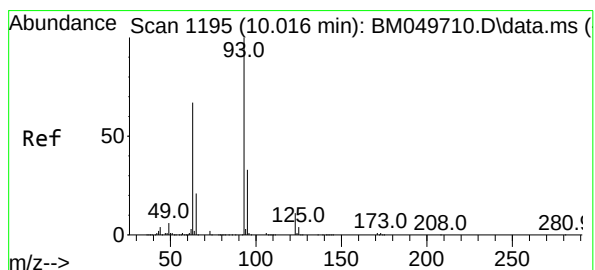
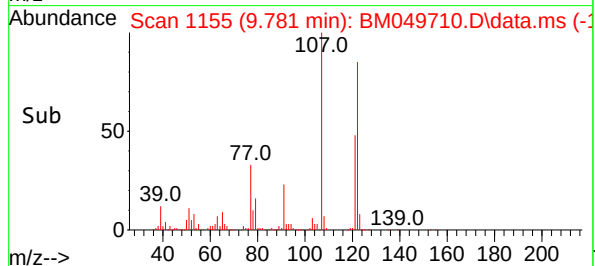
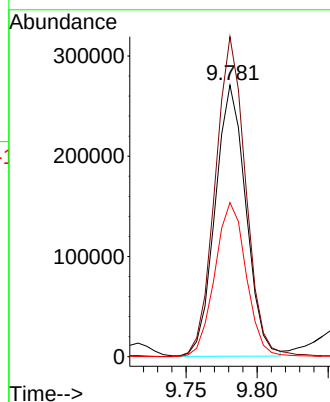
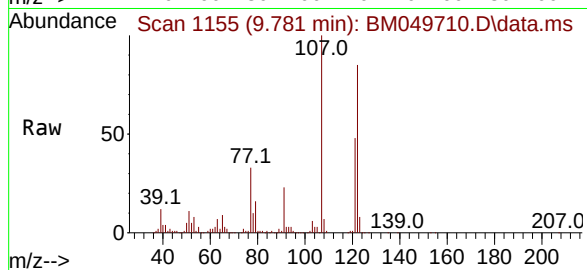
Tgt Ion:122 Resp: 407285

Ion Ratio Lower Upper

122 100

107 117.9 94.3 141.5

121 56.8 45.4 68.2



#28

bis(2-Chloroethoxy)methane

Concen: 38.655 ng

RT: 10.016 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

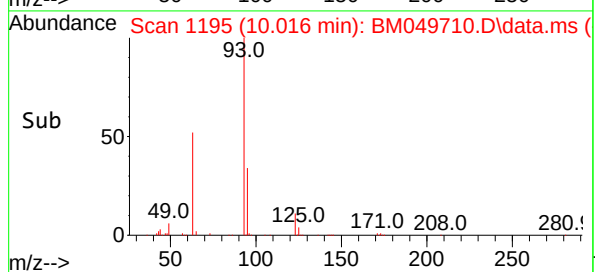
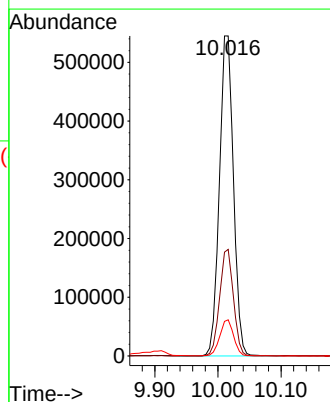
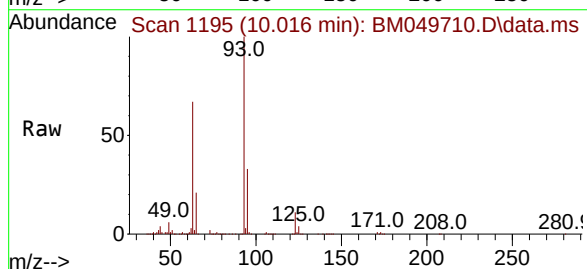
Tgt Ion: 93 Resp: 843433

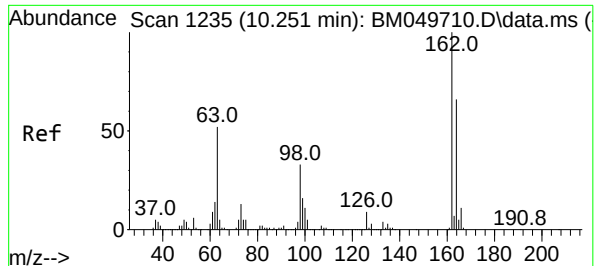
Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

123 11.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 39.804 ng

RT: 10.251 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

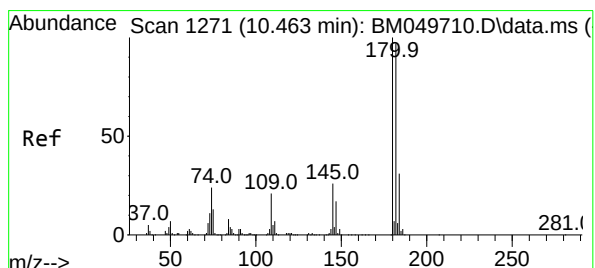
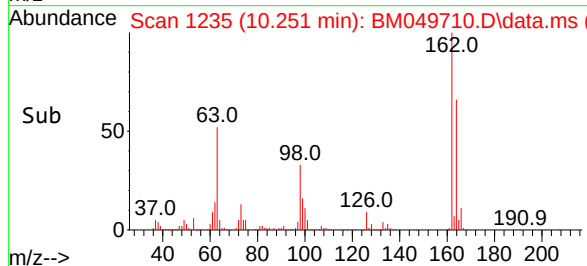
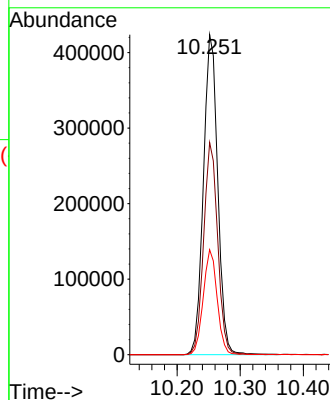
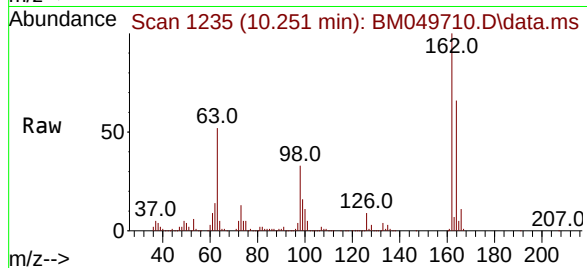
Tgt Ion:162 Resp: 668537

Ion Ratio Lower Upper

162 100

164 66.3 46.3 86.3

98 32.8 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 38.523 ng

RT: 10.463 min Scan# 1271

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

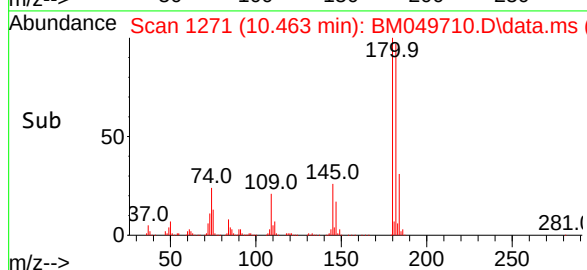
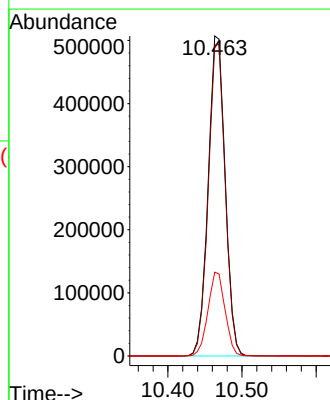
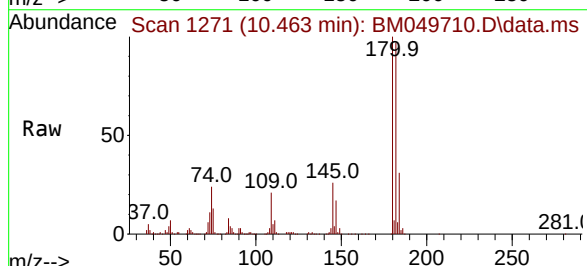
Tgt Ion:180 Resp: 809518

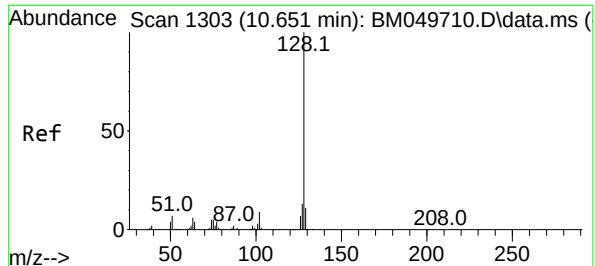
Ion Ratio Lower Upper

180 100

182 97.1 77.7 116.5

145 26.2 21.0 31.4

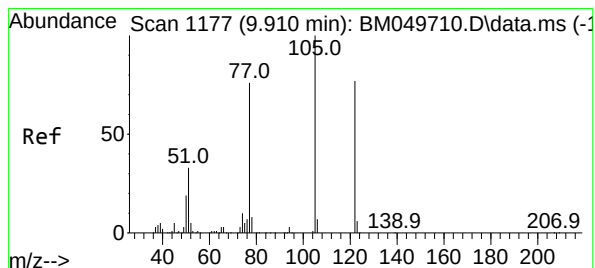
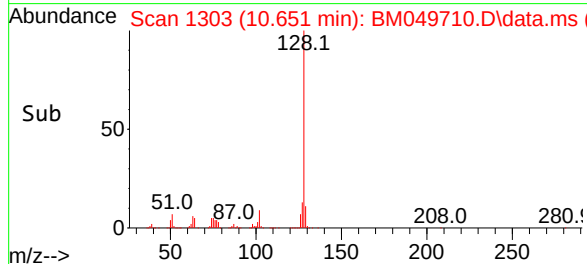
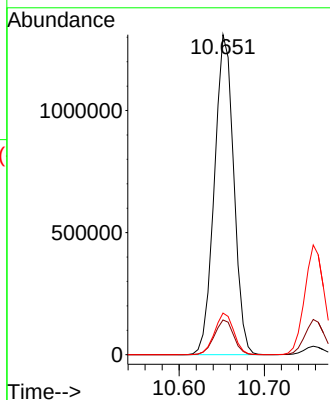
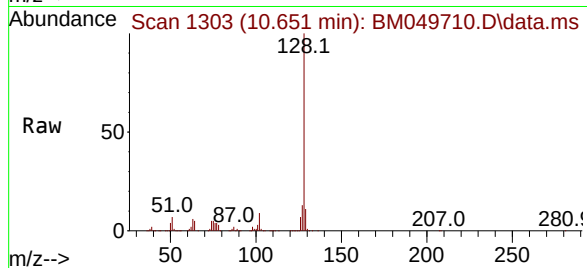




#31
Naphthalene
Concen: 38.821 ng
RT: 10.651 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

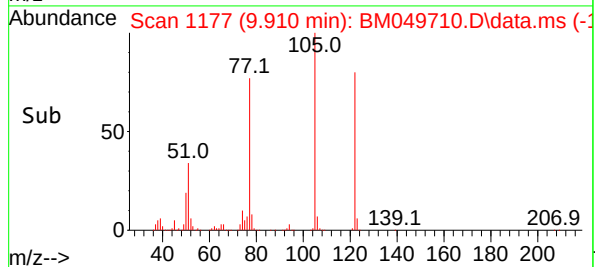
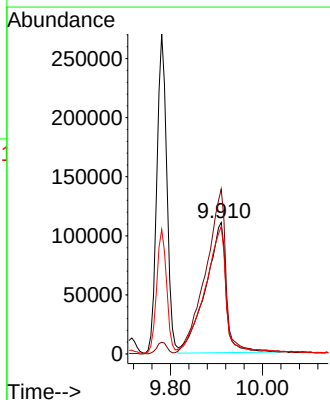
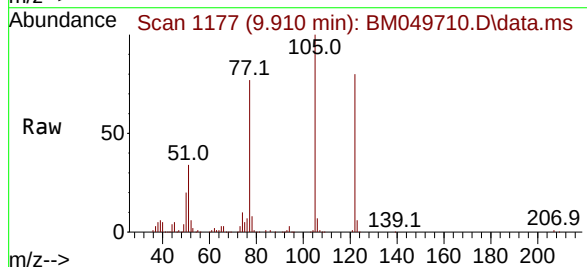
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

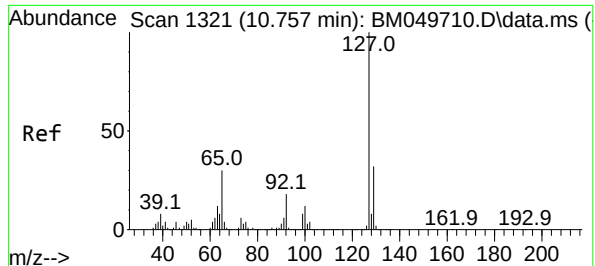
Tgt Ion:128 Resp: 2067950
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 38.761 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:122 Resp: 339891
Ion Ratio Lower Upper
122 100
105 125.6 105.6 145.6
77 96.9 76.9 116.9

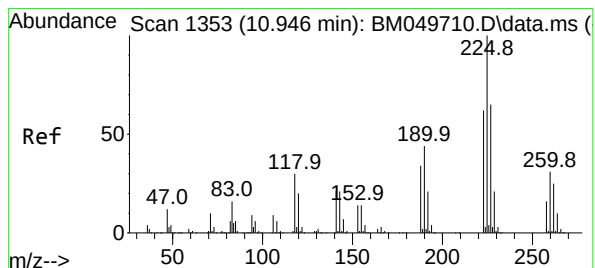
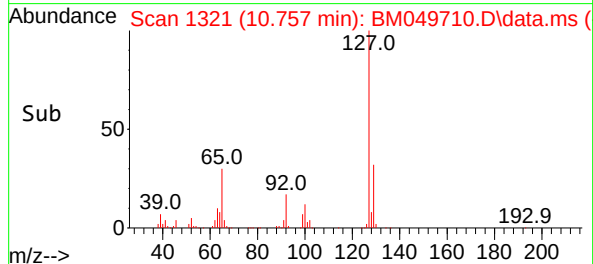
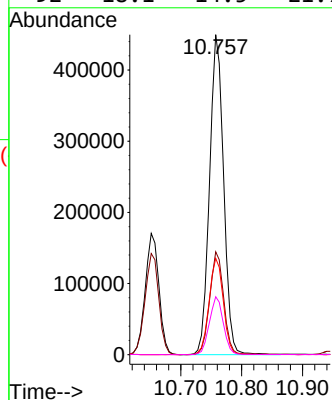
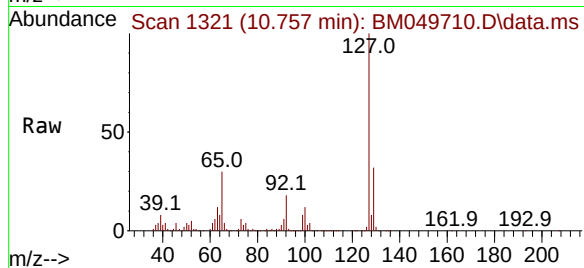




#33
4-Chloroaniline
Concen: 39.833 ng
RT: 10.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

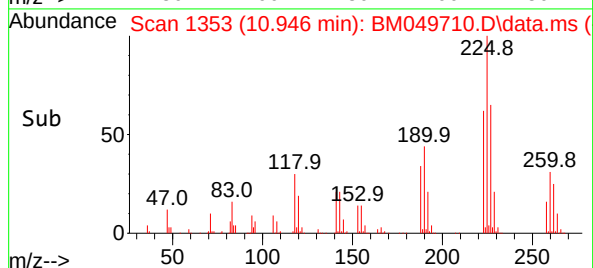
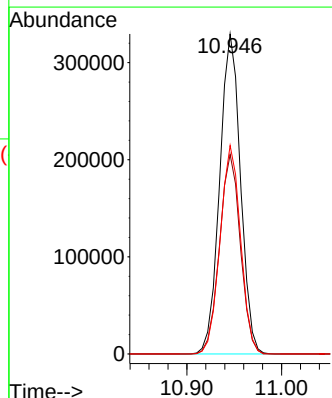
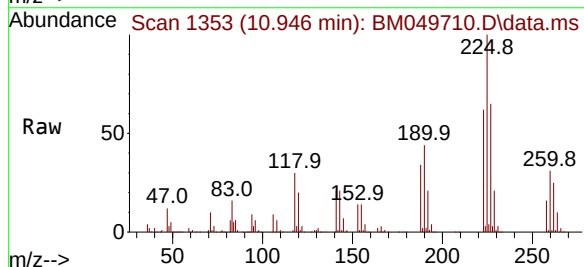
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

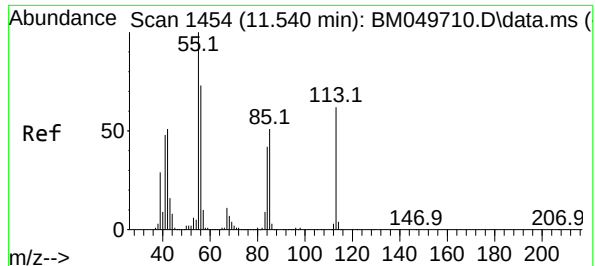
Tgt Ion:	127	Resp:	724131
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	30.1	24.1	36.1
92	18.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 38.741 ng
RT: 10.946 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:	225	Resp:	502566
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.8
227	65.1	52.1	78.1

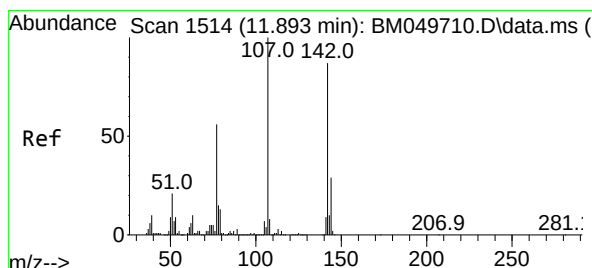
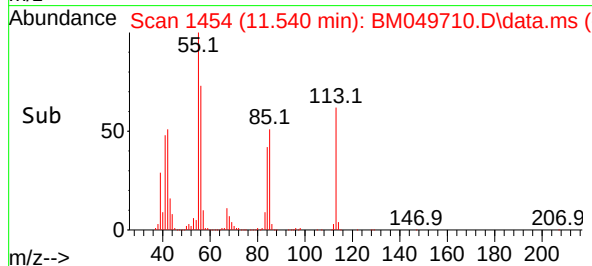
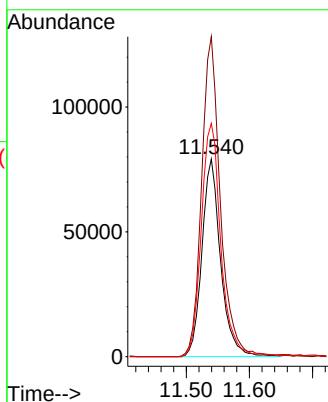
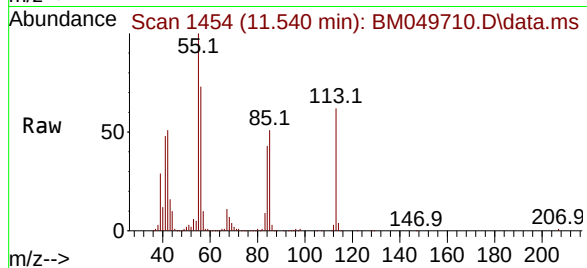




#35
Caprolactam
Concen: 41.684 ng
RT: 11.540 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

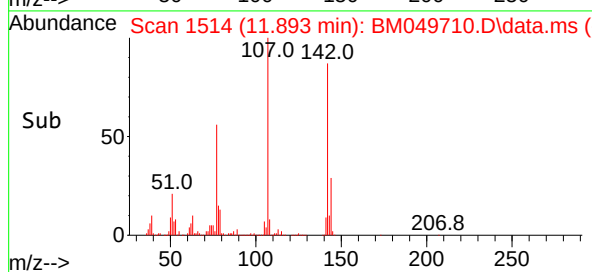
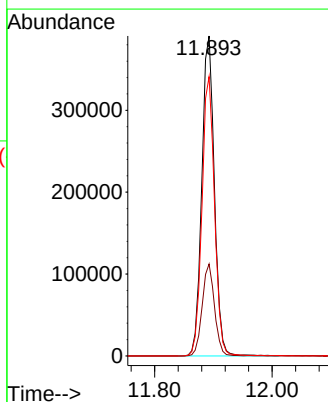
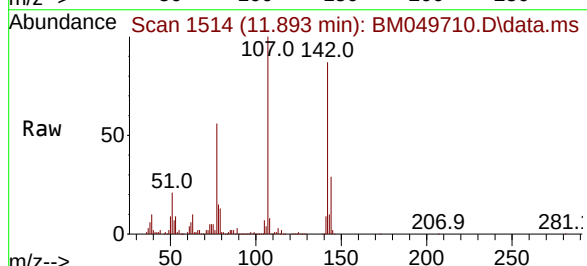
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

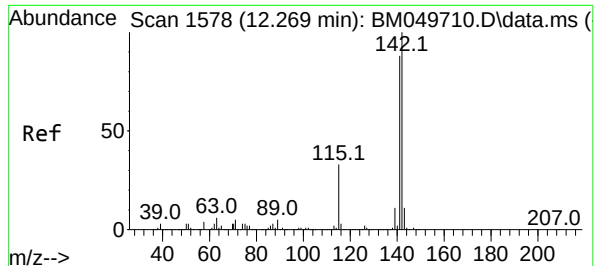
Tgt Ion:113 Resp: 162546
Ion Ratio Lower Upper
113 100
55 161.8 141.8 181.8
56 118.0 98.0 138.0



#36
4-Chloro-3-methylphenol
Concen: 40.328 ng
RT: 11.893 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:107 Resp: 581269
Ion Ratio Lower Upper
107 100
144 28.8 23.0 34.6
142 87.3 69.8 104.8

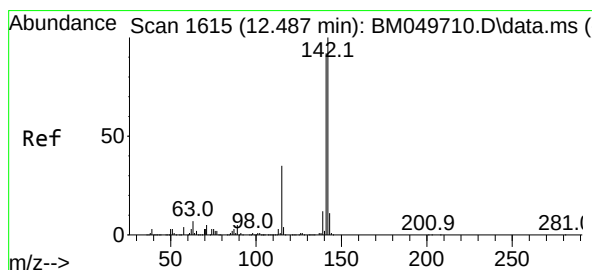
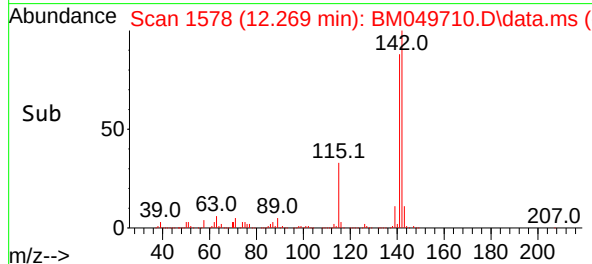
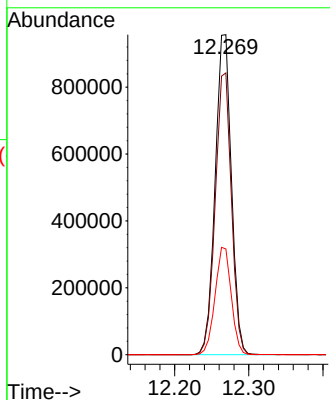
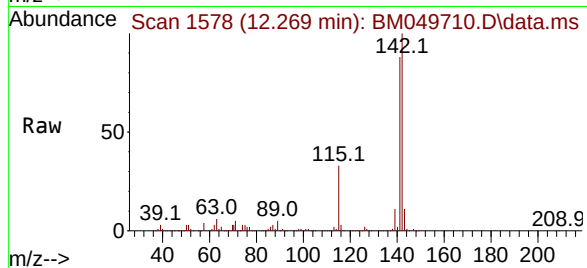




#37
2-Methylnaphthalene
Concen: 39.160 ng
RT: 12.269 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

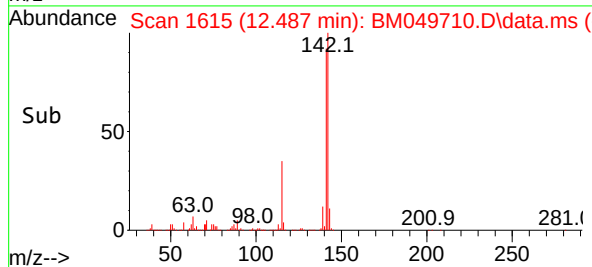
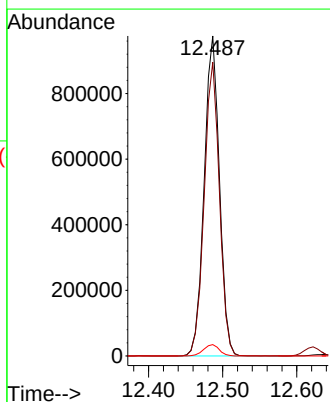
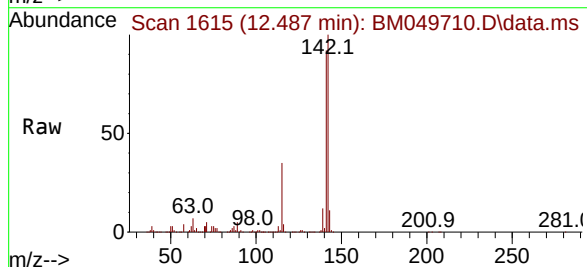
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

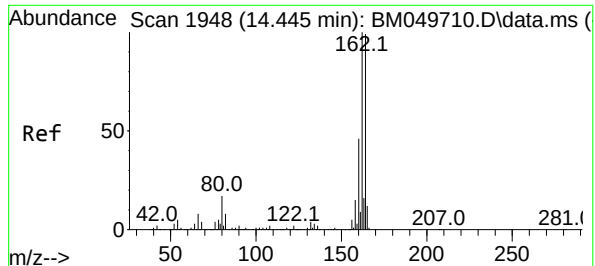
Tgt Ion:142 Resp: 1458607
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7
115 33.1 26.5 39.7



#38
1-Methylnaphthalene
Concen: 38.887 ng
RT: 12.487 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:142 Resp: 1397474
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2
116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

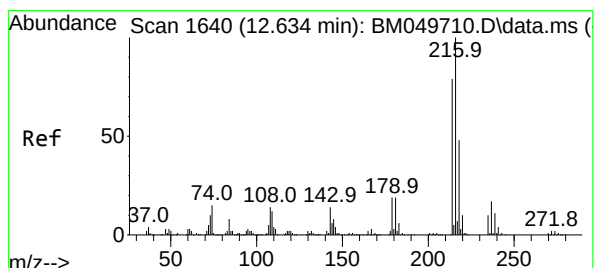
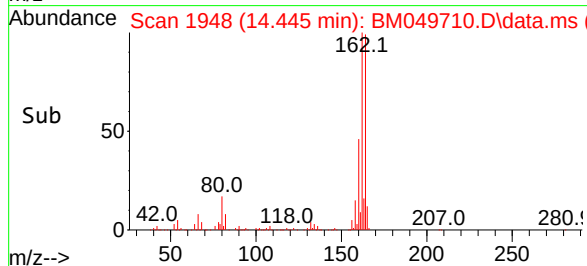
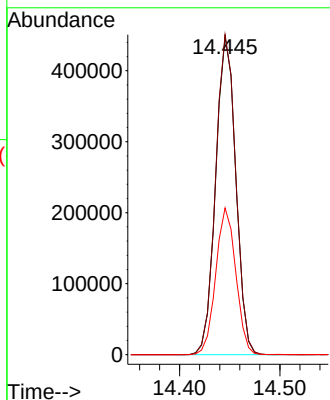
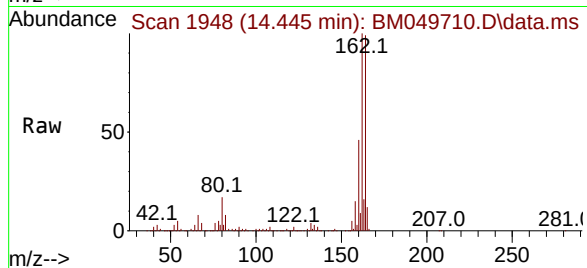
Tgt Ion:164 Resp: 623426

Ion Ratio Lower Upper

164 100

162 100.6 80.5 120.7

160 46.1 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.219 ng

RT: 12.634 min Scan# 1640

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Tgt Ion:216 Resp: 898103

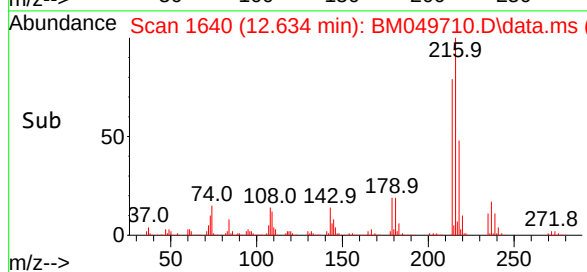
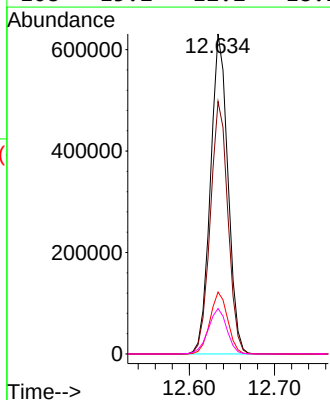
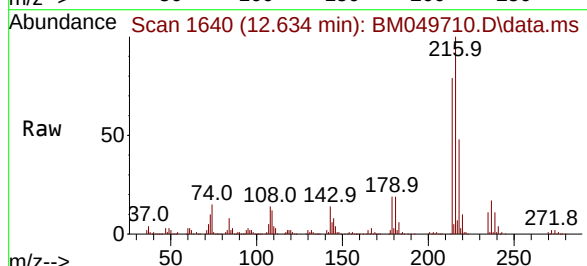
Ion Ratio Lower Upper

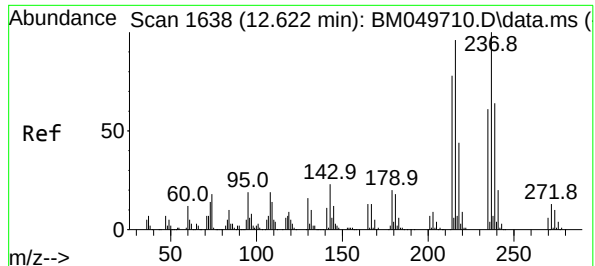
216 100

214 79.4 63.5 95.3

179 19.6 15.7 23.5

108 15.2 12.2 18.2

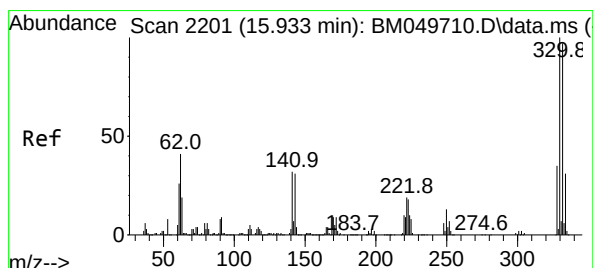
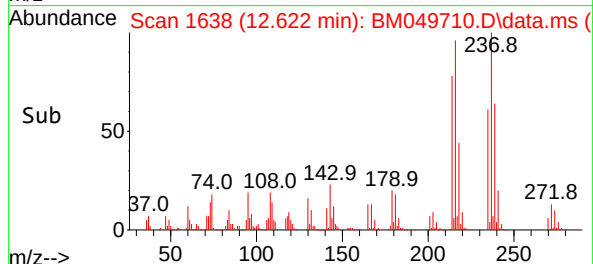
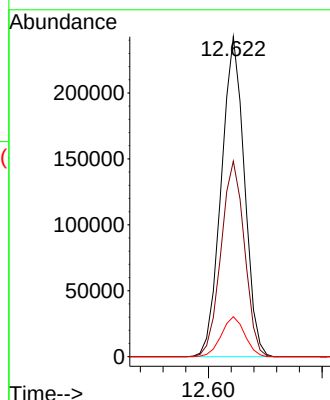
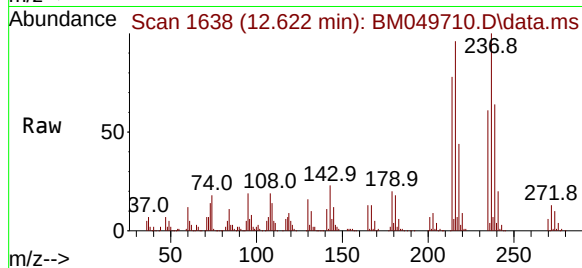




#41
Hexachlorocyclopentadiene
Concen: 40.446 ng
RT: 12.622 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

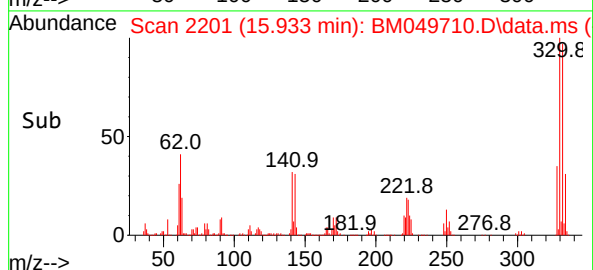
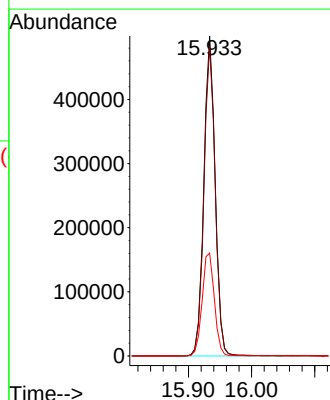
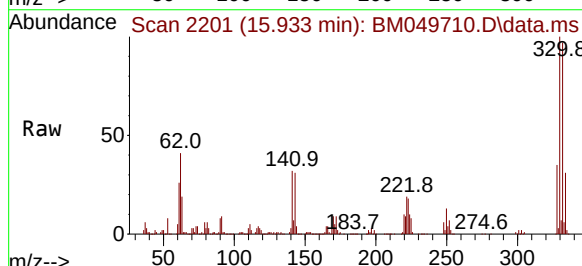
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

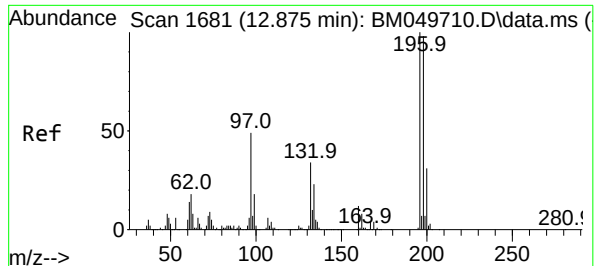
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.1	41.1	81.1
272	12.5	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 85.746 ng
RT: 15.933 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.4
141	34.7	27.8	41.6





#43

2,4,6-Trichlorophenol

Concen: 40.633 ng

RT: 12.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

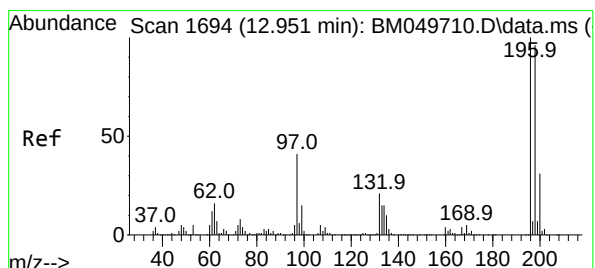
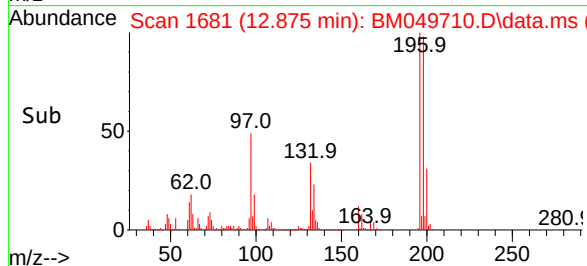
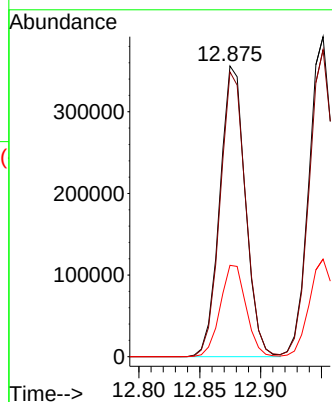
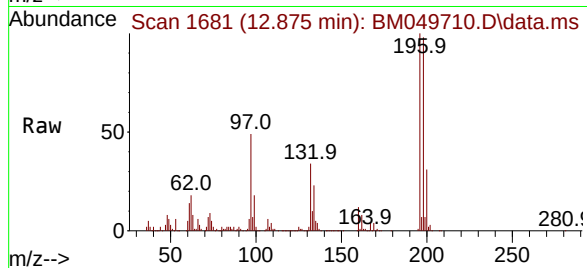
Tgt Ion:196 Resp: 521138

Ion Ratio Lower Upper

196 100

198 97.9 78.3 117.5

200 31.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 40.810 ng

RT: 12.951 min Scan# 1694

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Tgt Ion:196 Resp: 571159

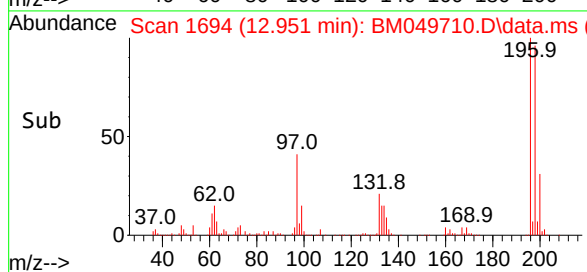
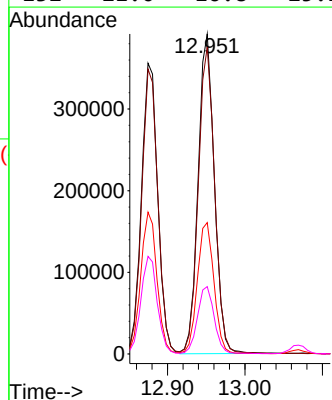
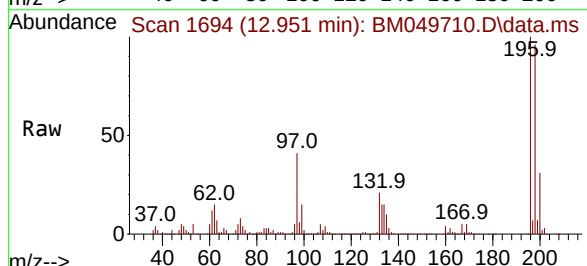
Ion Ratio Lower Upper

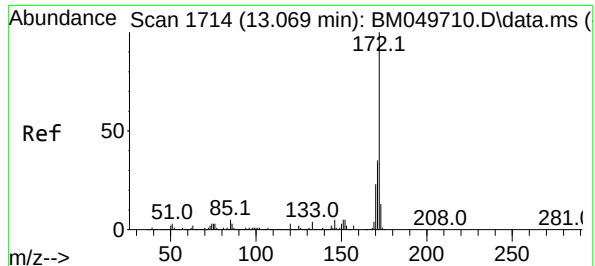
196 100

198 95.9 76.7 115.1

97 41.1 32.9 49.3

132 21.0 16.8 25.2

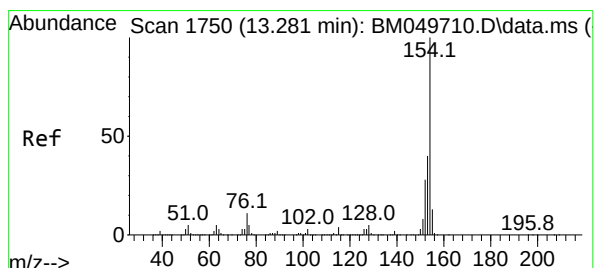
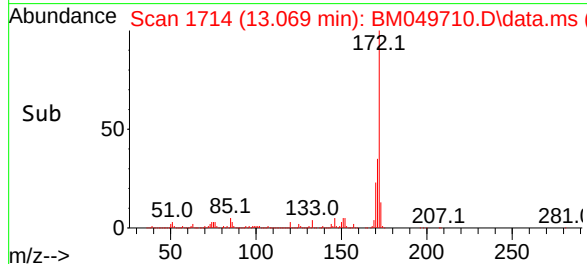
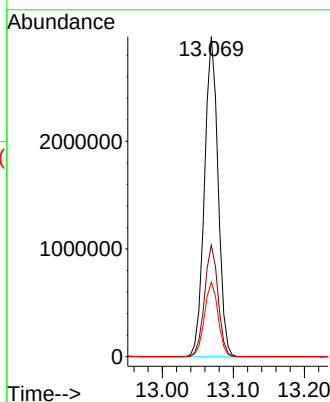
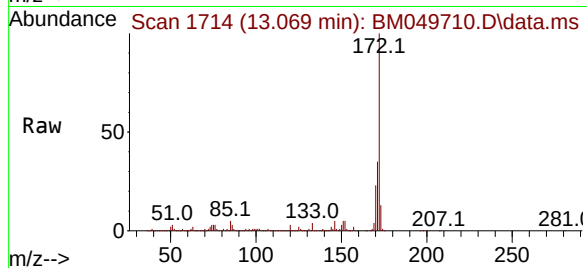




#45
2-Fluorobiphenyl
Concen: 79.506 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

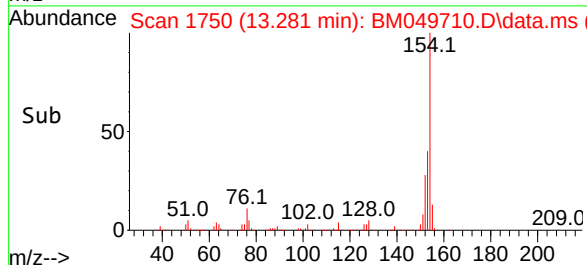
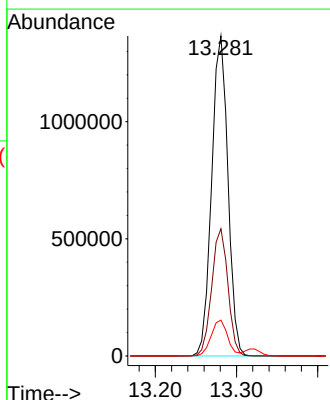
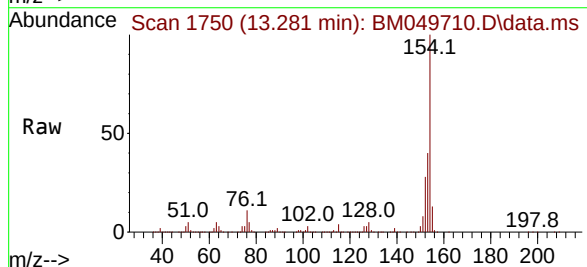
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

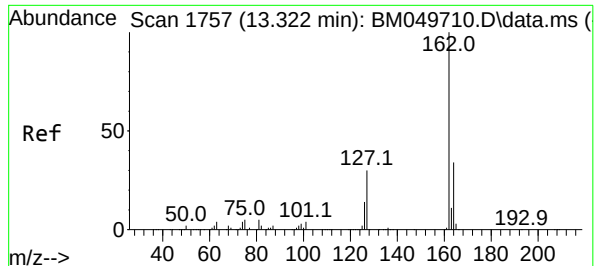
Tgt Ion:172 Resp: 3957740
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 39.509 ng
RT: 13.281 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:154 Resp: 1898343
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.253 ng

RT: 13.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

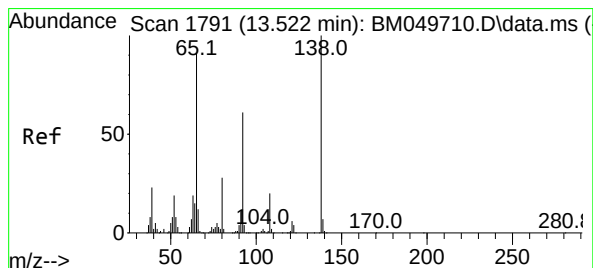
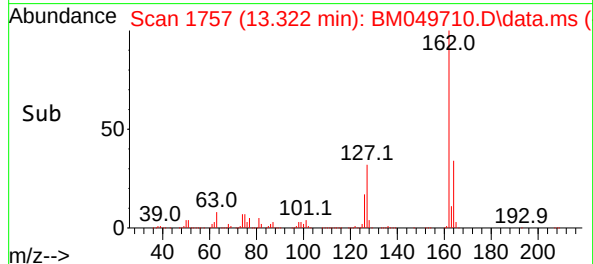
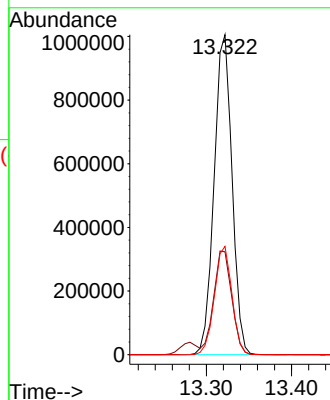
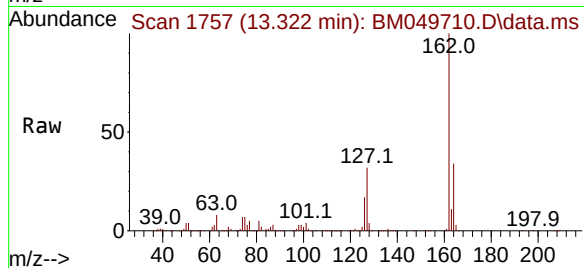
Tgt Ion:162 Resp: 1468019

Ion Ratio Lower Upper

162 100

127 32.2 25.8 38.6

164 33.9 27.1 40.7



#48

2-Nitroaniline

Concen: 41.611 ng

RT: 13.522 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

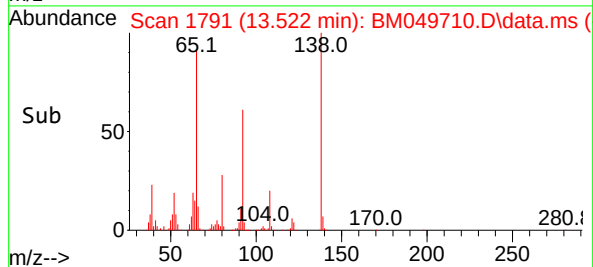
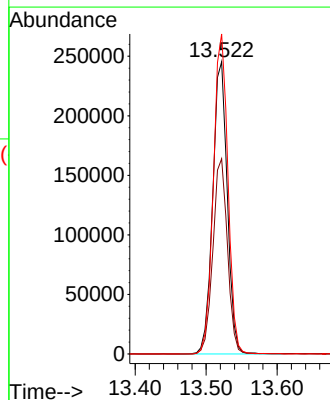
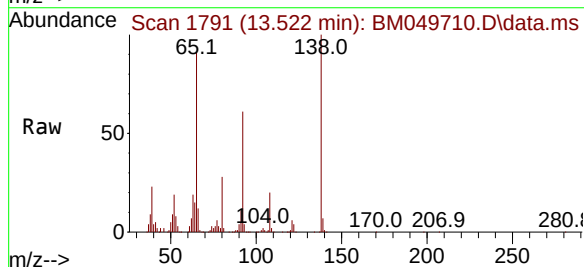
Tgt Ion: 65 Resp: 349344

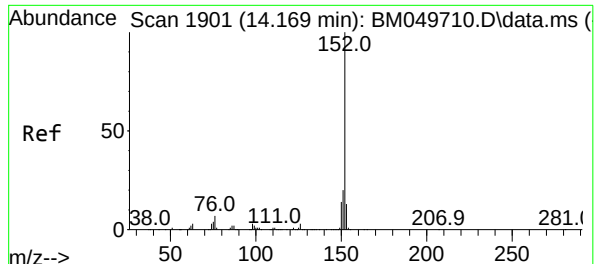
Ion Ratio Lower Upper

65 100

92 66.8 53.4 80.2

138 109.5 87.6 131.4

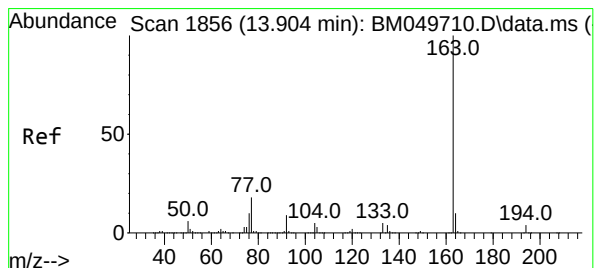
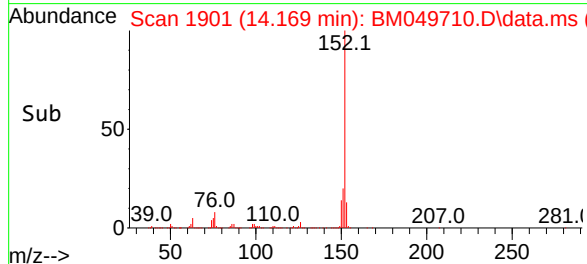
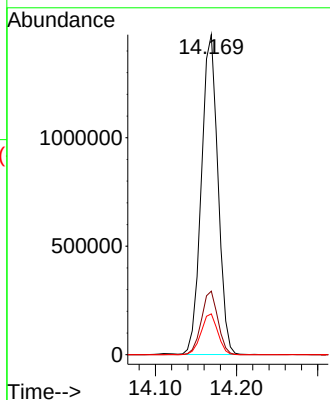
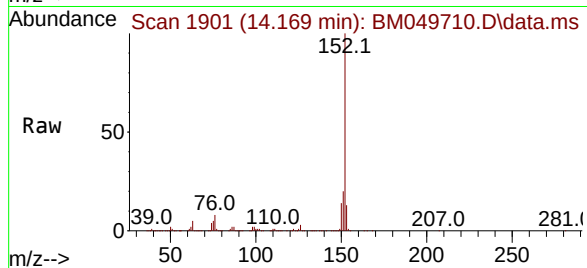




#49
Acenaphthylene
Concen: 39.868 ng
RT: 14.169 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

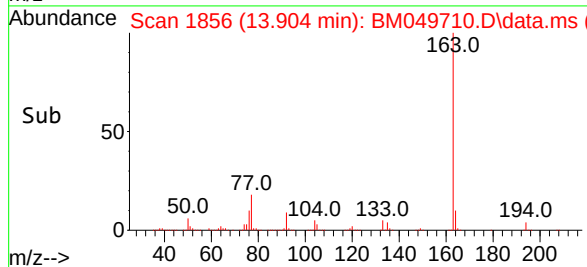
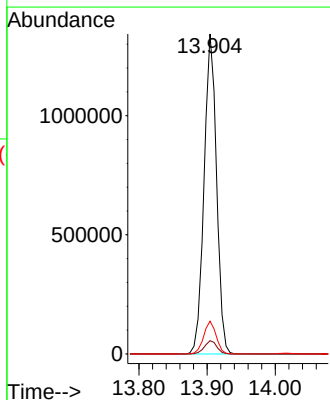
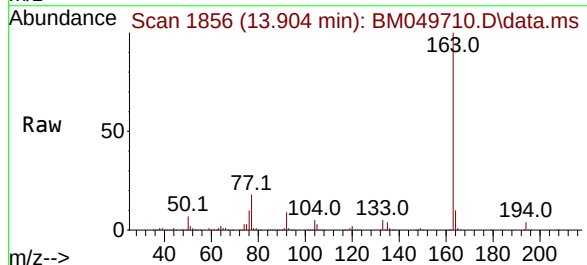
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

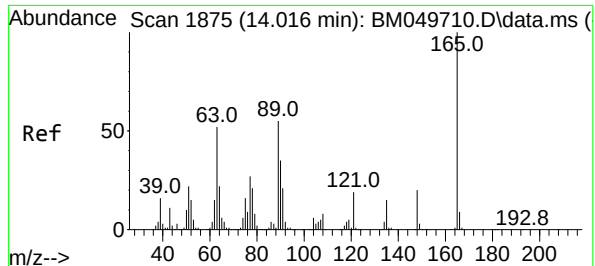
Tgt Ion:152 Resp: 2084102
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.8 10.2 15.4



#50
Dimethylphthalate
Concen: 39.784 ng
RT: 13.904 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:163 Resp: 1707639
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.2 12.2

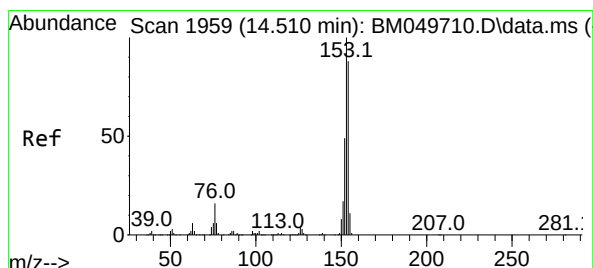
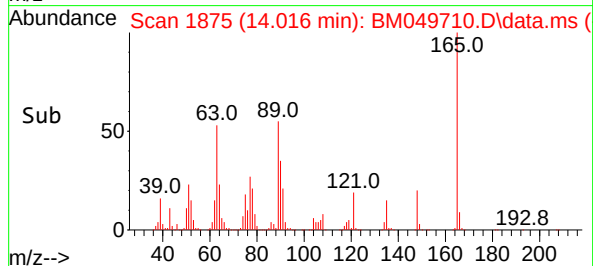
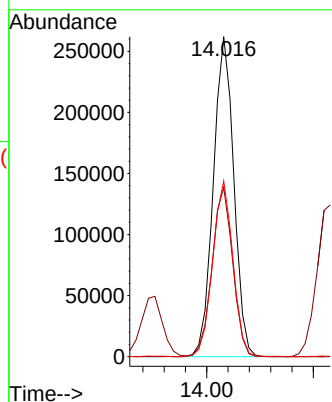
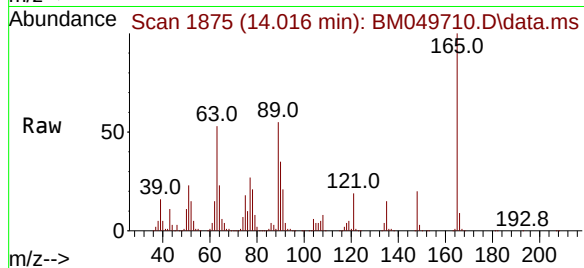




#51
2,6-Dinitrotoluene
Concen: 40.677 ng
RT: 14.016 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

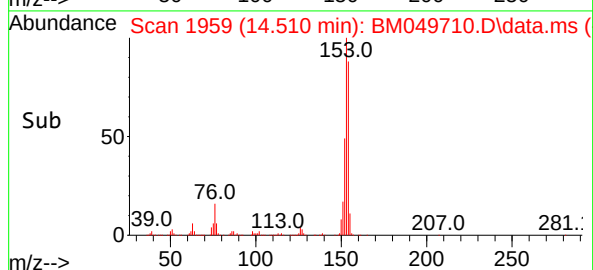
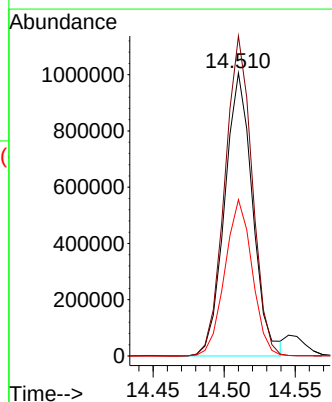
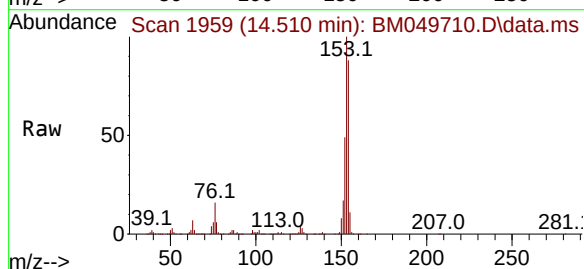
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

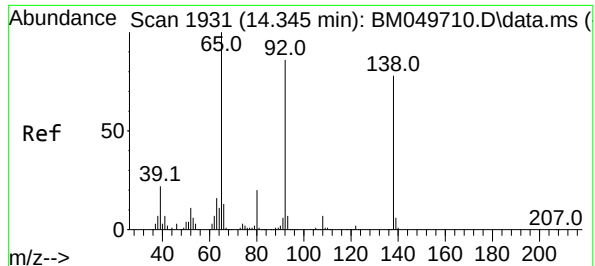
Tgt Ion:165 Resp: 349837
Ion Ratio Lower Upper
165 100
63 52.9 42.3 63.5
89 54.9 43.9 65.9



#52
Acenaphthene
Concen: 40.091 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:154 Resp: 1373000
Ion Ratio Lower Upper
154 100
153 113.0 90.4 135.6
152 55.2 44.2 66.2

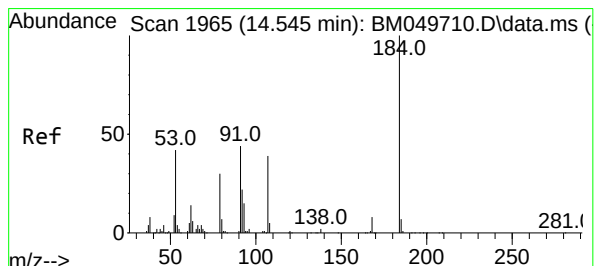
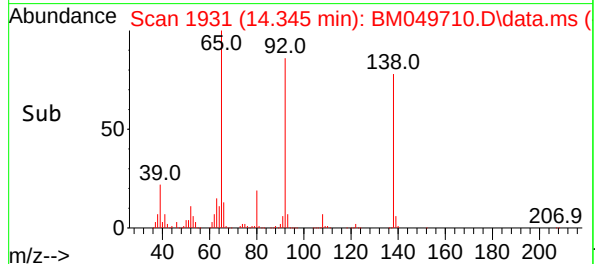
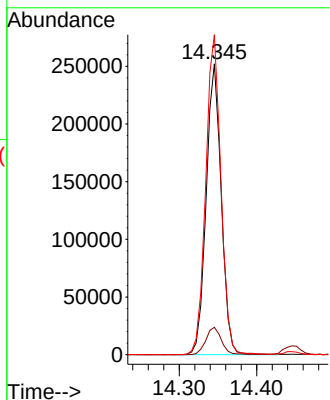
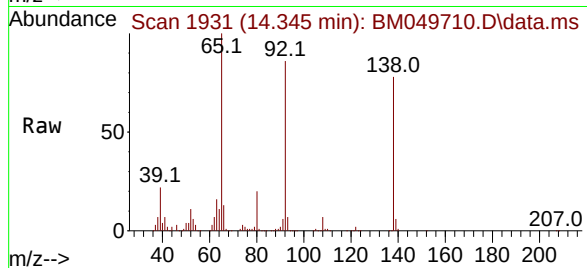




#53
3-Nitroaniline
Concen: 41.620 ng
RT: 14.345 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

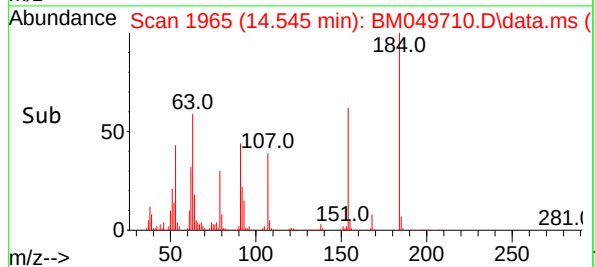
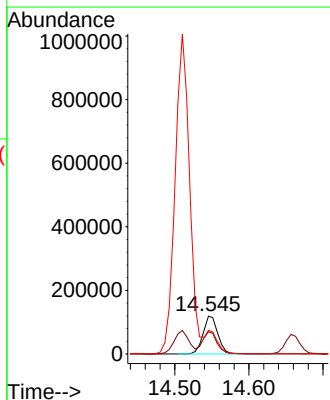
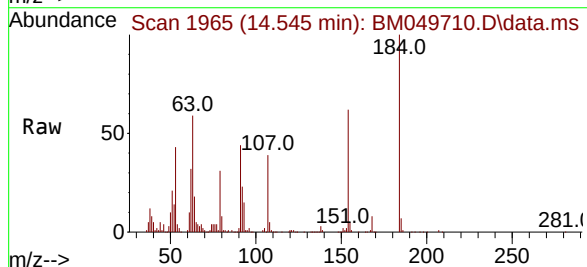
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

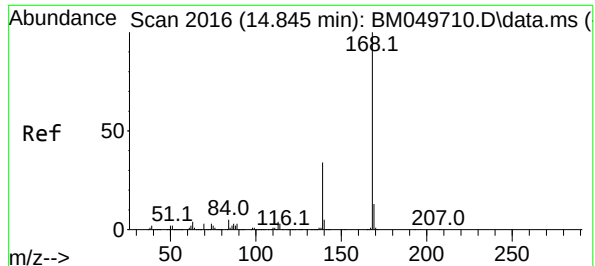
Tgt Ion:138 Resp: 340625
Ion Ratio Lower Upper
138 100
108 9.4 7.5 11.3
92 110.0 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 39.242 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:184 Resp: 164715
Ion Ratio Lower Upper
184 100
63 59.0 47.2 70.8
154 62.4 49.9 74.9





#55

Dibenzofuran

Concen: 39.088 ng

RT: 14.845 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Instrument :

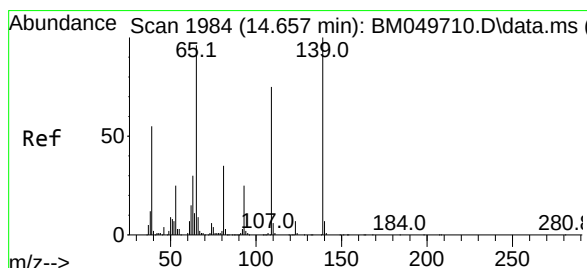
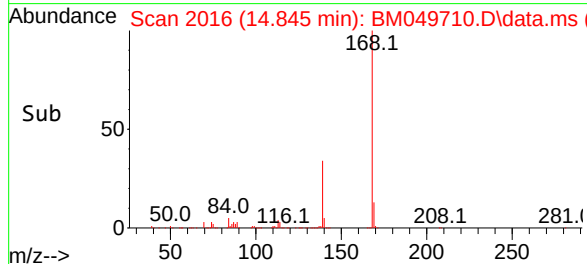
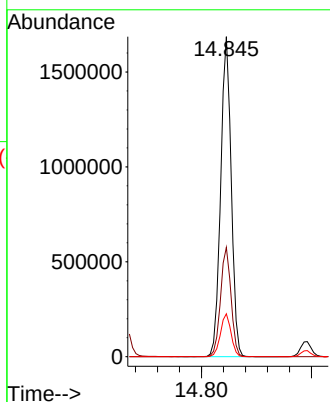
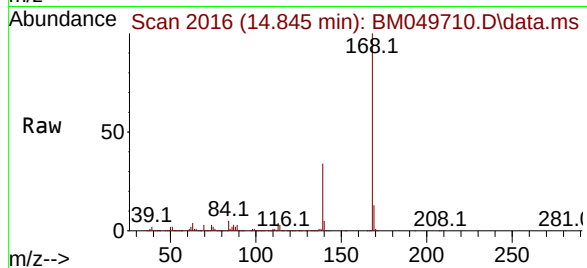
BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 2233364

Ion	Ratio	Lower	Upper
168	100		
139	34.2	27.4	41.0
169	13.4	10.7	16.1



#56

4-Nitrophenol

Concen: 40.763 ng

RT: 14.657 min Scan# 1984

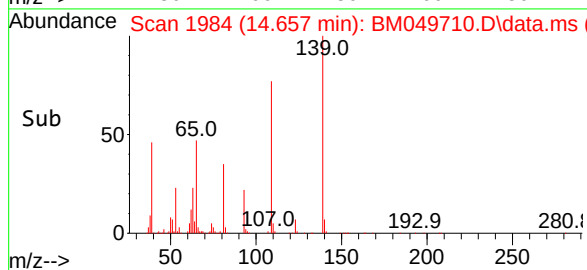
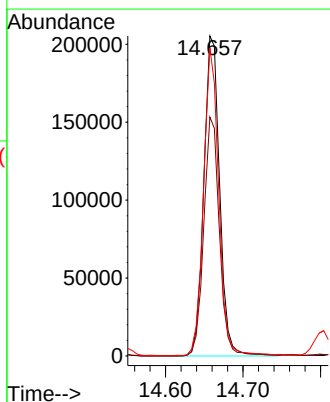
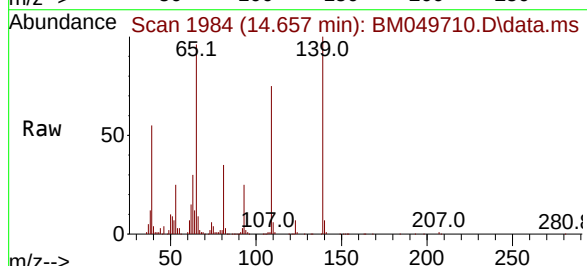
Delta R.T. 0.000 min

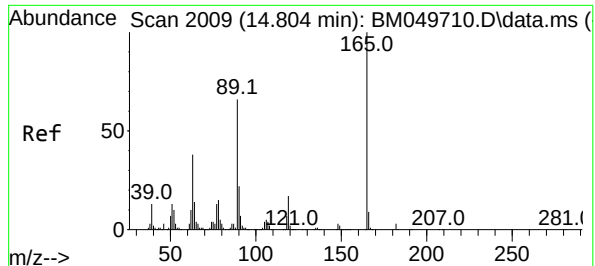
Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Tgt Ion:139 Resp: 290397

Ion	Ratio	Lower	Upper
139	100		
109	74.7	54.7	94.7
65	96.2	76.2	116.2

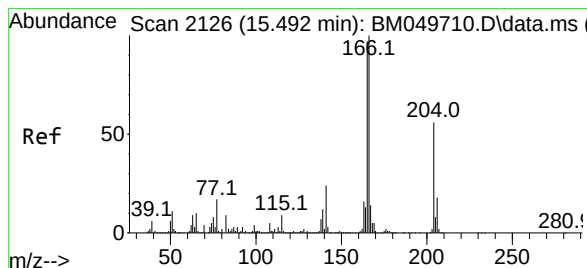
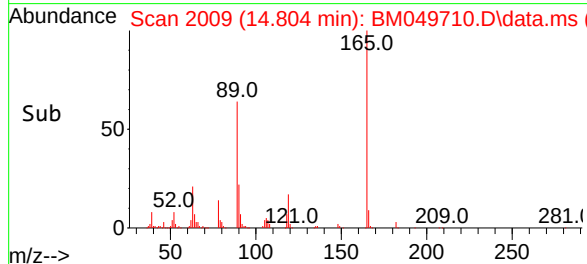
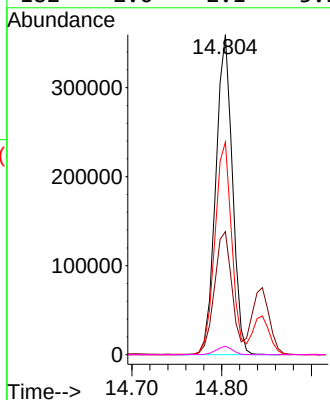
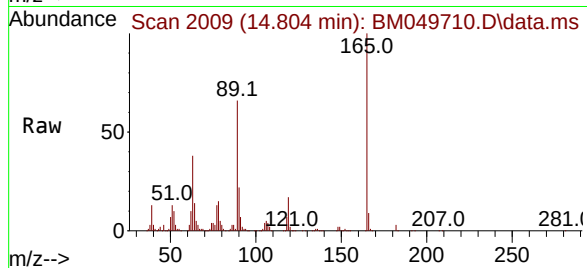




#57
2,4-Dinitrotoluene
Concen: 41.801 ng
RT: 14.804 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

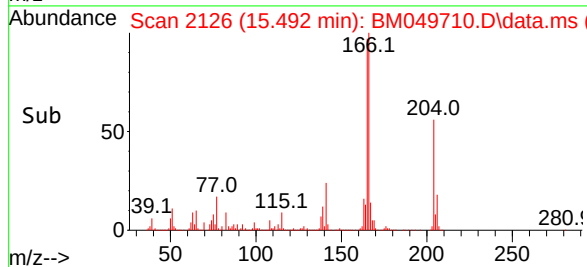
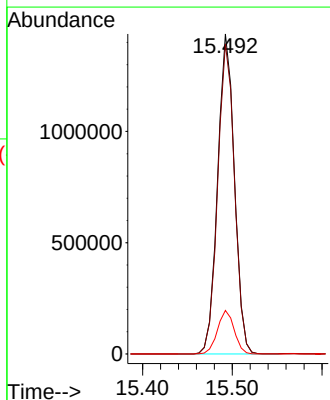
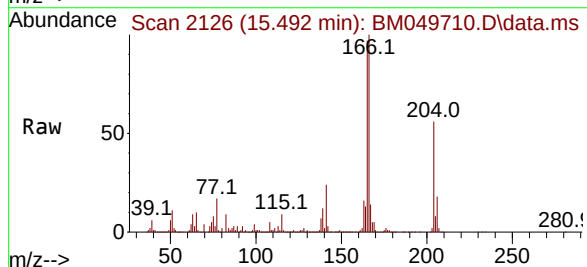
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

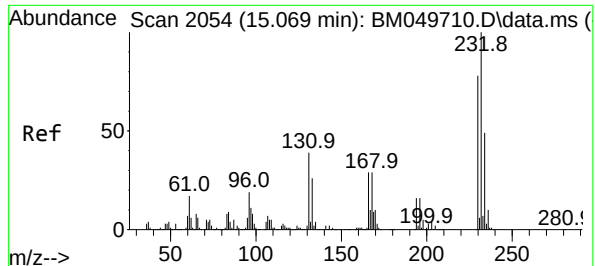
Tgt Ion:165 Resp: 462604
Ion Ratio Lower Upper
165 100
63 38.5 30.8 46.2
89 66.4 53.1 79.7
182 2.6 2.1 3.1



#58
Fluorene
Concen: 40.158 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:166 Resp: 1868135
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 13.6 10.9 16.3

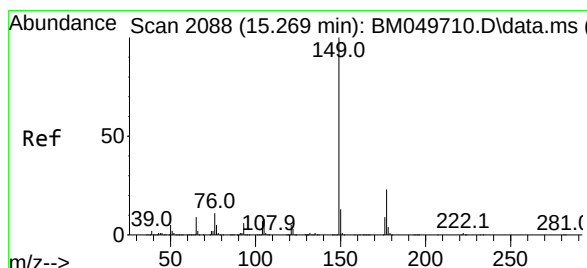
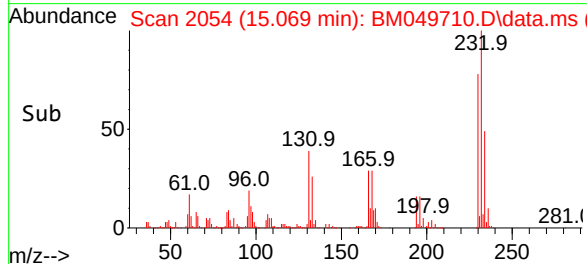
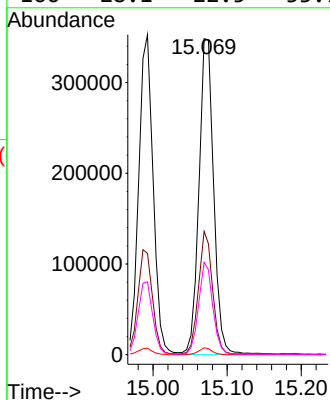
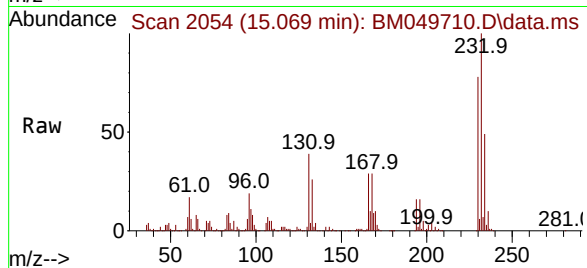




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.950 ng
RT: 15.069 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

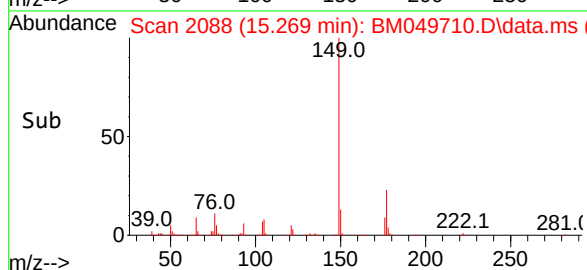
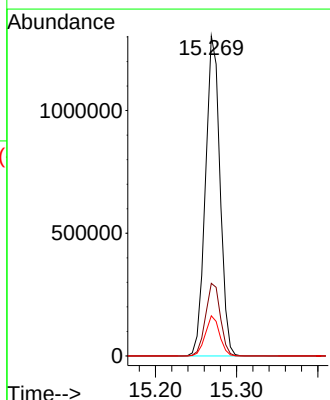
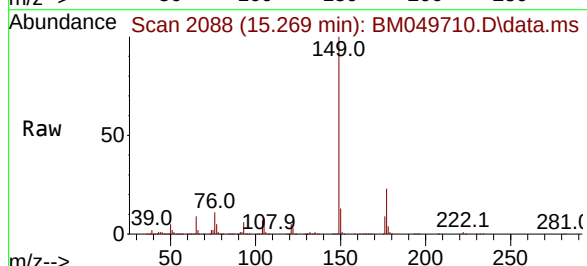
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

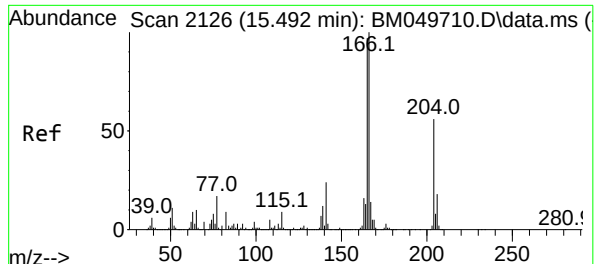
Tgt Ion:232 Resp: 479751
Ion Ratio Lower Upper
232 100
131 37.5 30.0 45.0
130 2.0 1.6 2.4
166 28.1 22.5 33.7



#60
Diethylphthalate
Concen: 40.052 ng
RT: 15.269 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:149 Resp: 1619118
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.5 10.0 15.0

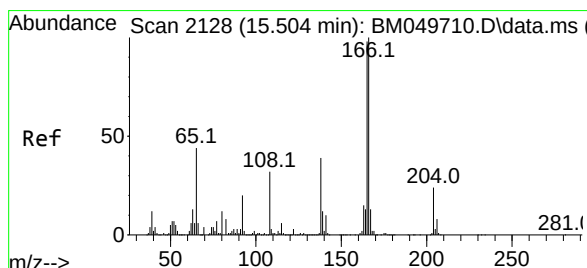
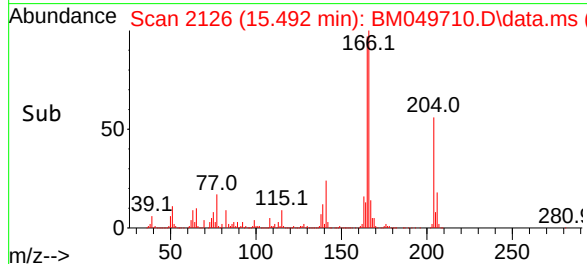
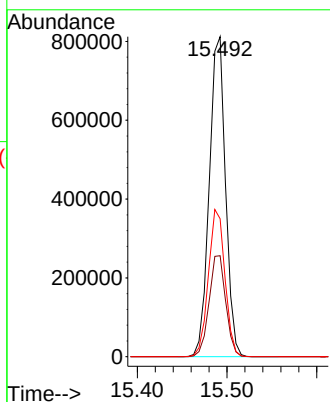
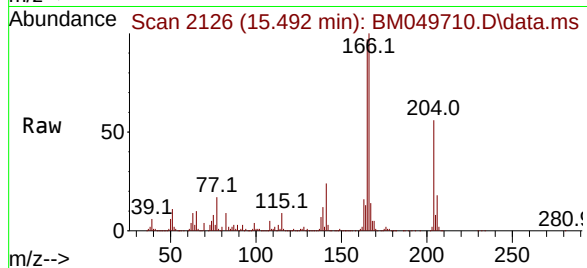




#61
4-Chlorophenyl-phenylether
Concen: 40.157 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

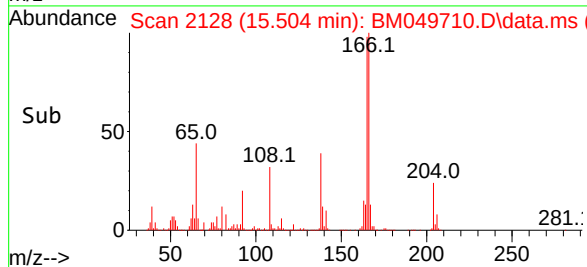
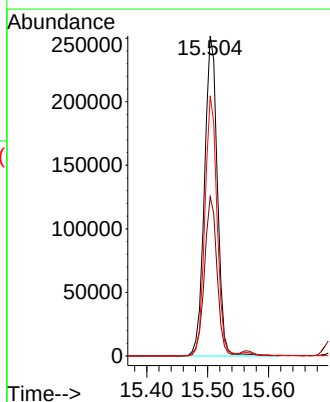
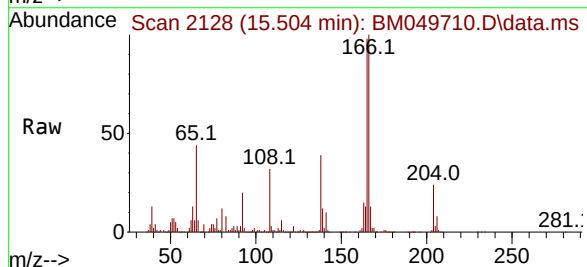
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

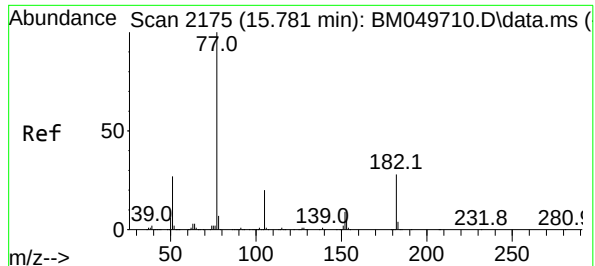
Tgt Ion:204 Resp: 1020109
Ion Ratio Lower Upper
204 100
206 31.5 25.2 37.8
141 43.1 34.5 51.7



#62
4-Nitroaniline
Concen: 38.997 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:138 Resp: 372286
Ion Ratio Lower Upper
138 100
92 49.8 29.8 69.8
108 81.3 61.3 101.3



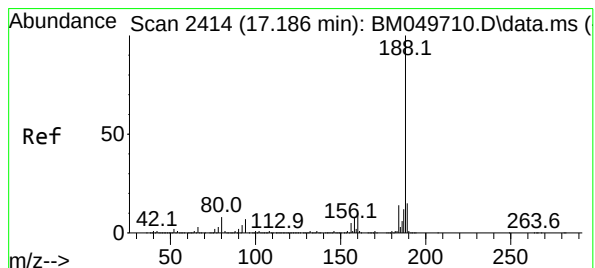
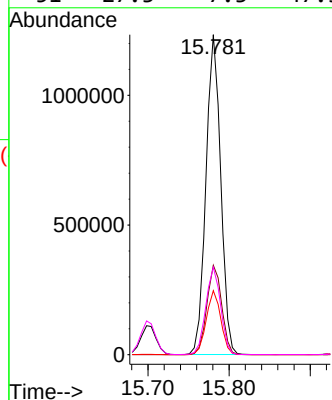
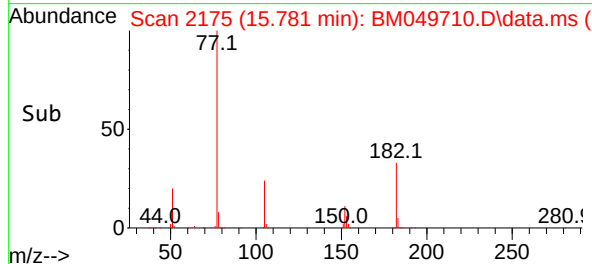
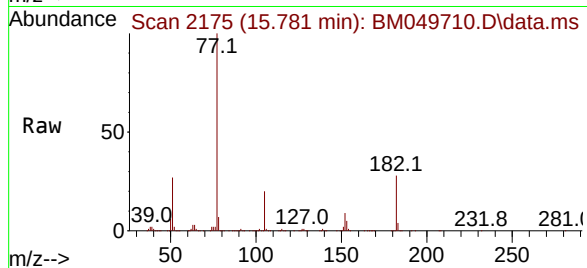


#63
Azobenzene
Concen: 40.187 ng
RT: 15.781 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1551742

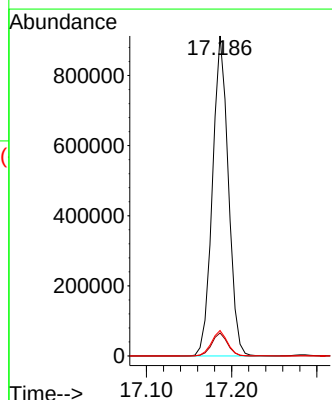
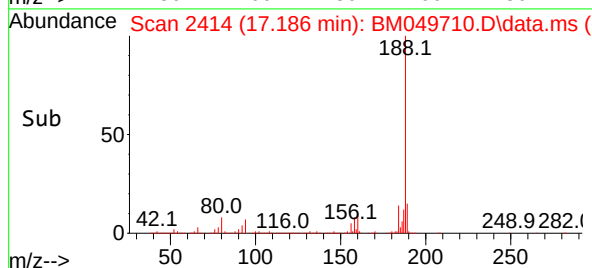
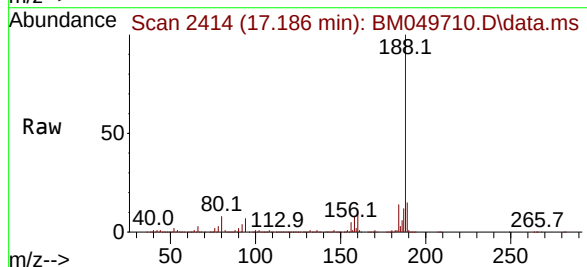
Ion	Ratio	Lower	Upper
77	100		
182	28.0	8.0	48.0
105	20.0	0.0	40.0
51	27.3	7.3	47.3

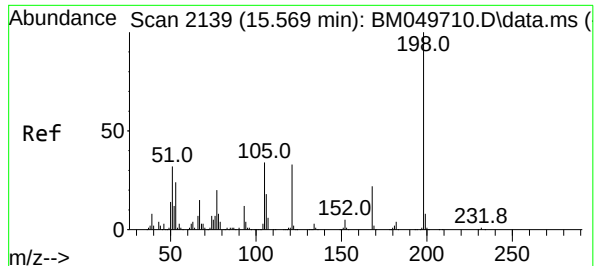


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion: 188 Resp: 1179542

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.6
80	7.9	6.3	9.5

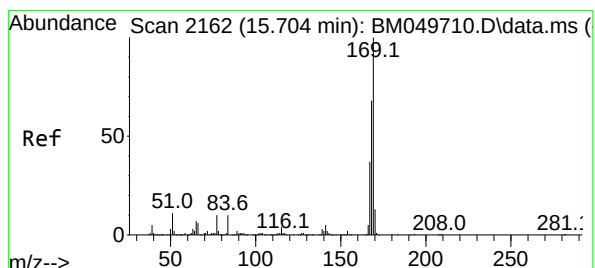
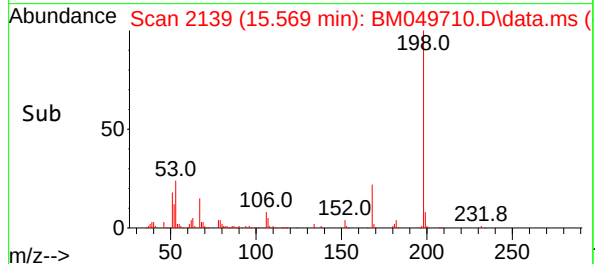
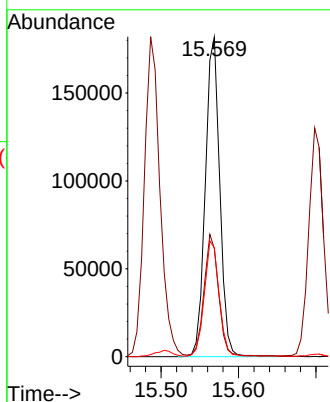
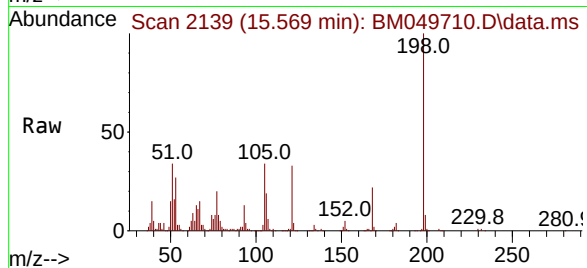




#65
4,6-Dinitro-2-methylphenol
Concen: 39.014 ng
RT: 15.569 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

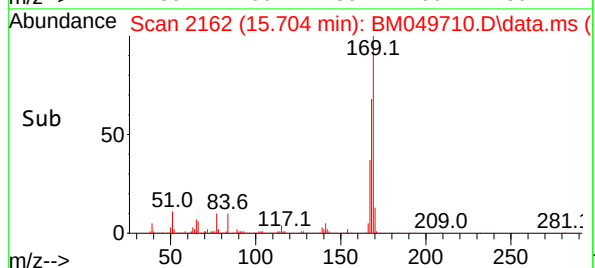
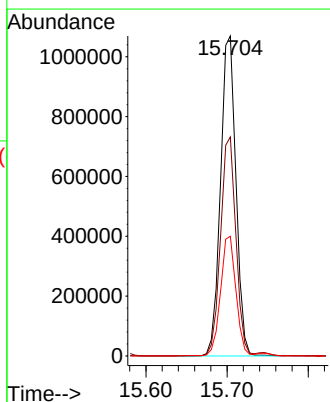
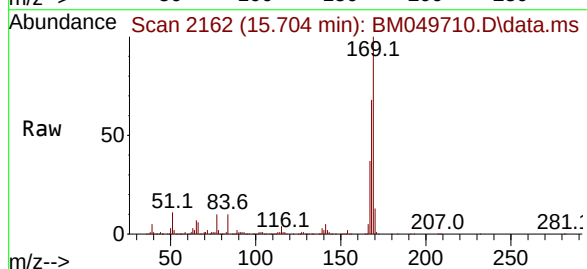
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

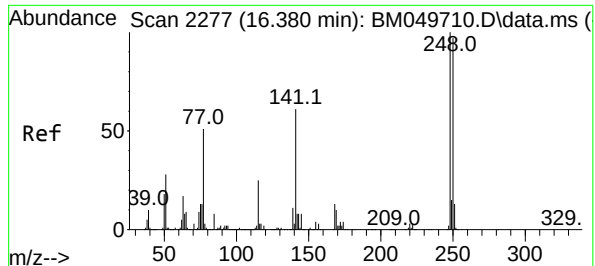
Tgt Ion:198 Resp: 235447
Ion Ratio Lower Upper
198 100
51 33.8 13.8 53.8
105 34.0 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 39.580 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:169 Resp: 1414490
Ion Ratio Lower Upper
169 100
168 68.5 54.8 82.2
167 37.4 29.9 44.9

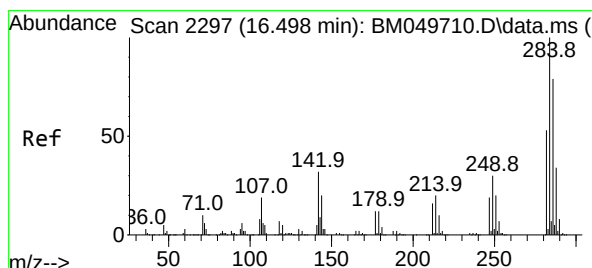
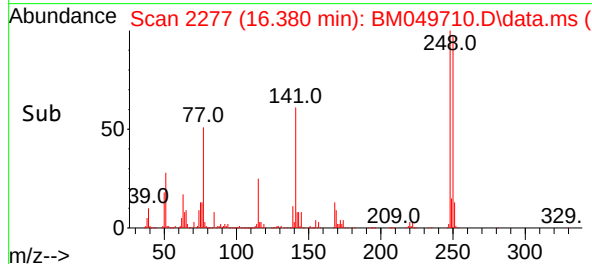
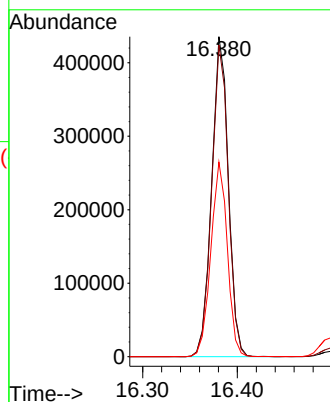
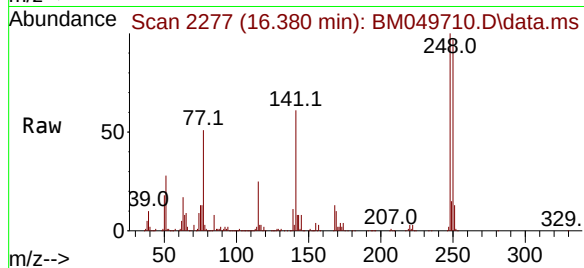




#67
4-Bromophenyl-phenylether
Concen: 39.119 ng
RT: 16.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

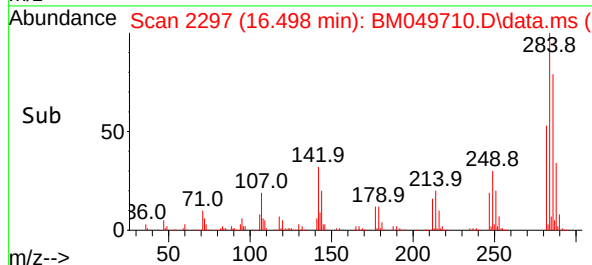
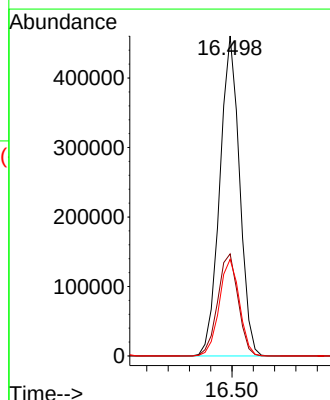
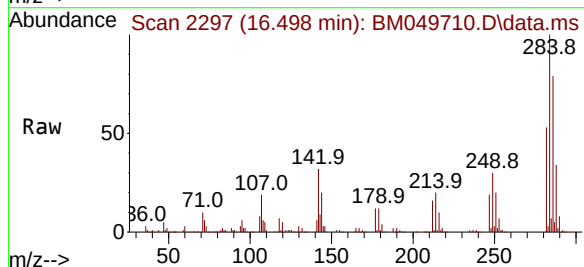
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

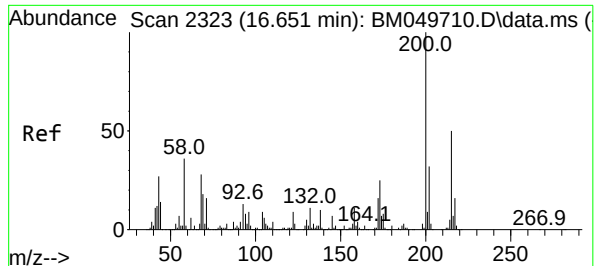
Tgt Ion:248 Resp: 532750
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 60.8 48.6 73.0



#68
Hexachlorobenzene
Concen: 38.661 ng
RT: 16.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:284 Resp: 592070
Ion Ratio Lower Upper
284 100
142 31.9 25.5 38.3
249 30.2 24.2 36.2

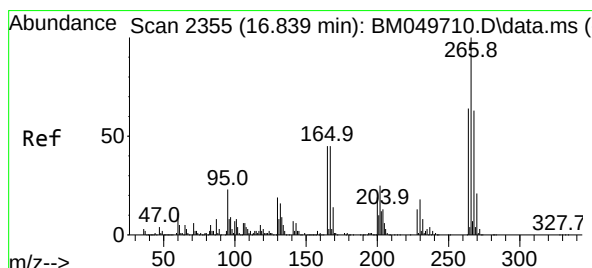
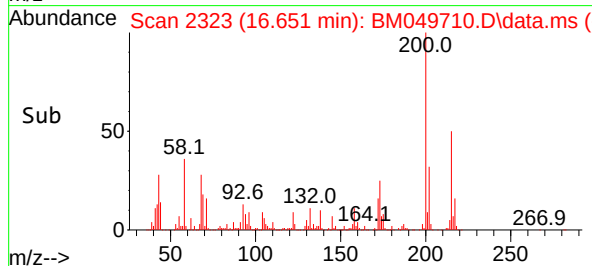
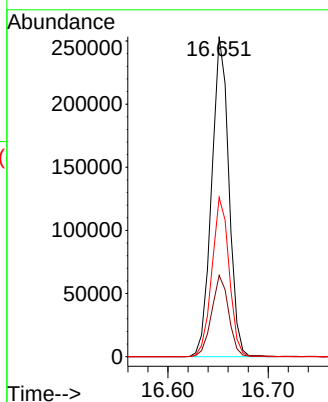
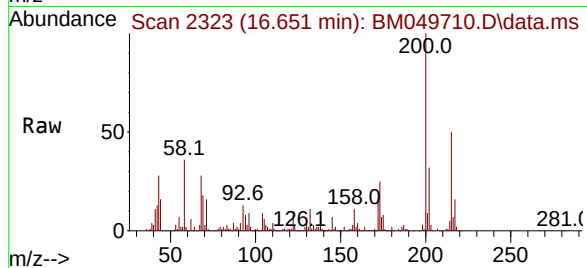




#69
Atrazine
Concen: 38.381 ng
RT: 16.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

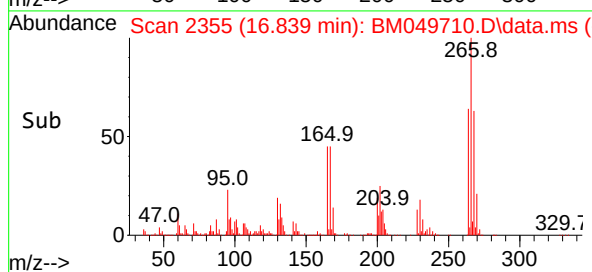
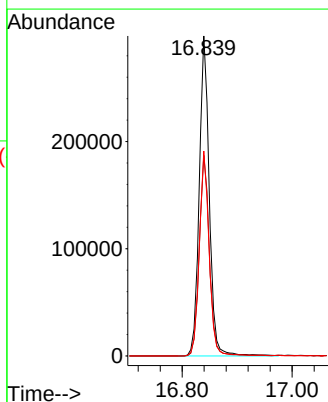
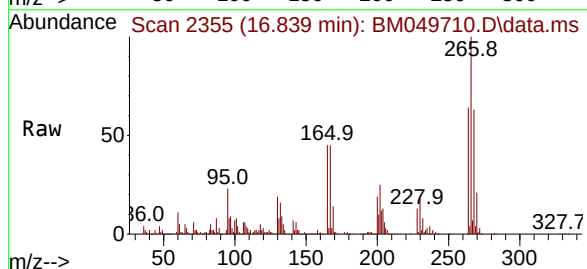
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

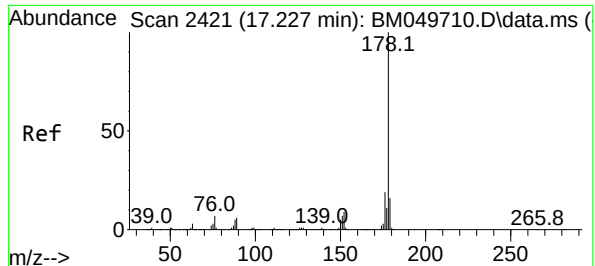
Tgt Ion:200 Resp: 302291
Ion Ratio Lower Upper
200 100
173 25.4 5.4 45.4
215 49.8 29.8 69.8



#70
Pentachlorophenol
Concen: 39.488 ng
RT: 16.839 min Scan# 2355
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:266 Resp: 380031
Ion Ratio Lower Upper
266 100
268 62.7 50.2 75.2
264 64.1 51.3 76.9

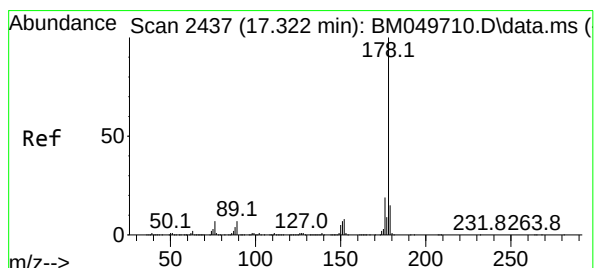
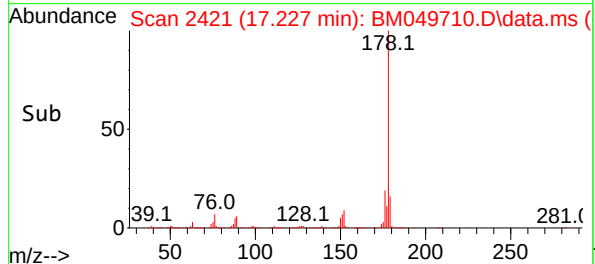
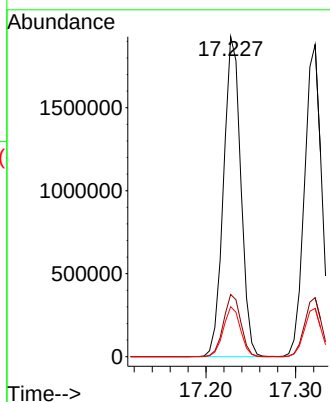
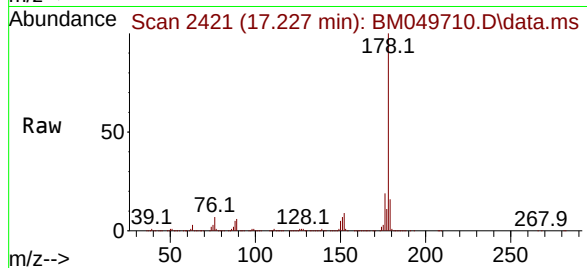




#71
Phenanthrene
Concen: 39.376 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

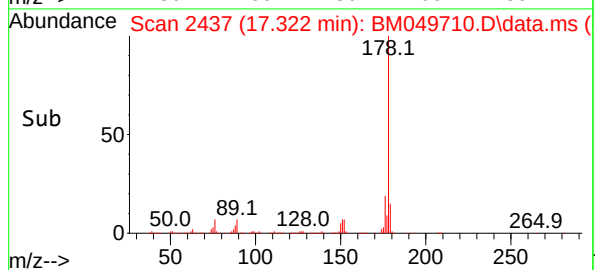
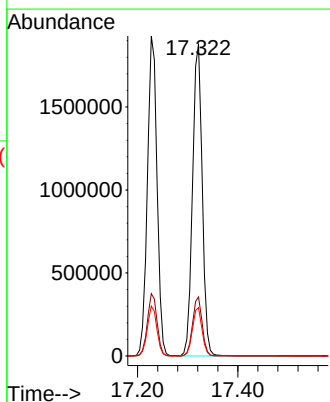
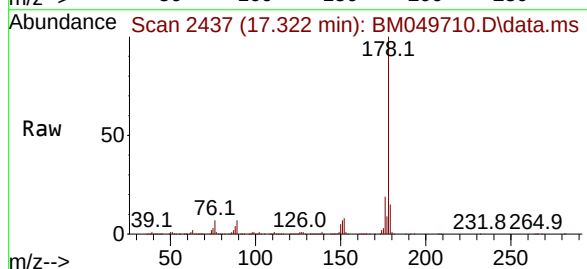
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

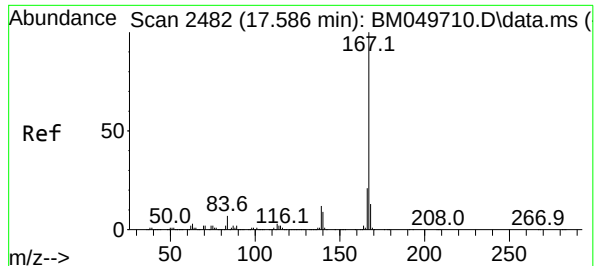
Tgt Ion:178 Resp: 2579008
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 39.641 ng
RT: 17.322 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:178 Resp: 2514440
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.5 12.4 18.6

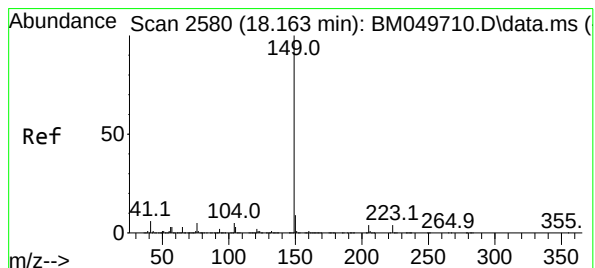
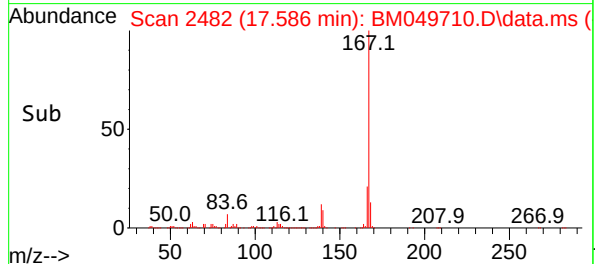
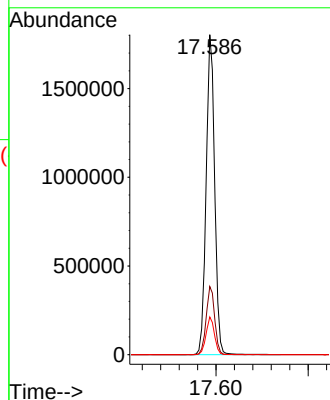
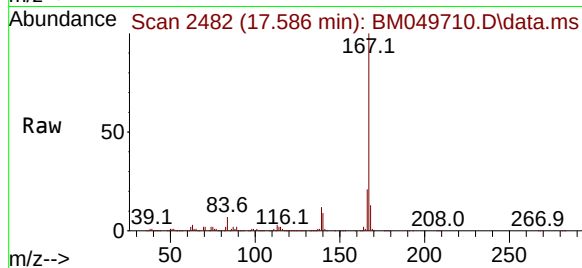




#73
Carbazole
Concen: 40.709 ng
RT: 17.586 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

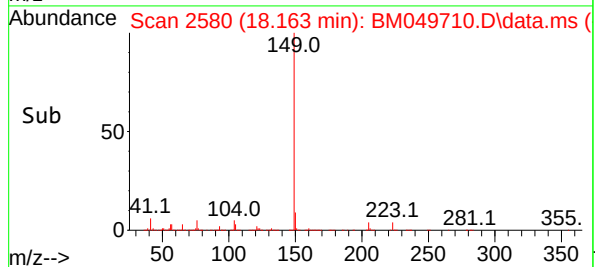
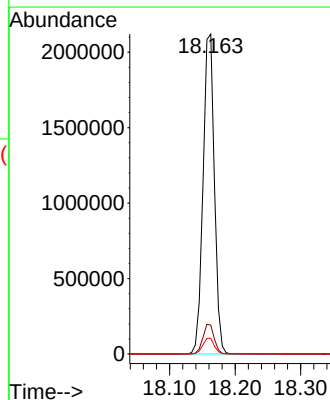
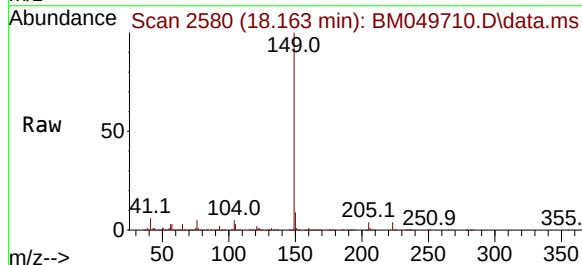
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

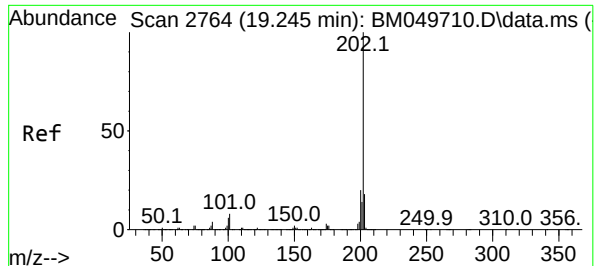
Tgt Ion:167 Resp: 2338547
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 11.8 9.4 14.2



#74
Di-n-butylphthalate
Concen: 40.548 ng
RT: 18.163 min Scan# 2580
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:149 Resp: 2552958
Ion Ratio Lower Upper
149 100
150 9.0 7.2 10.8
104 4.9 3.9 5.9

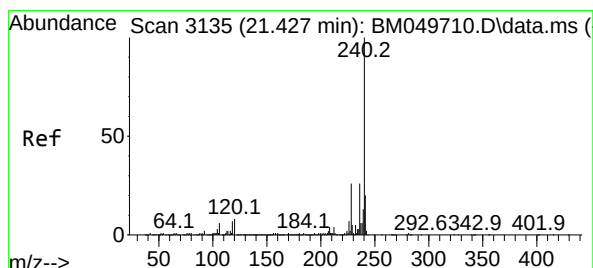
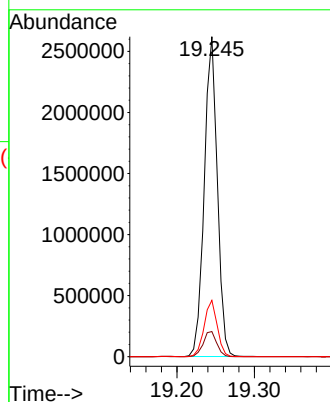
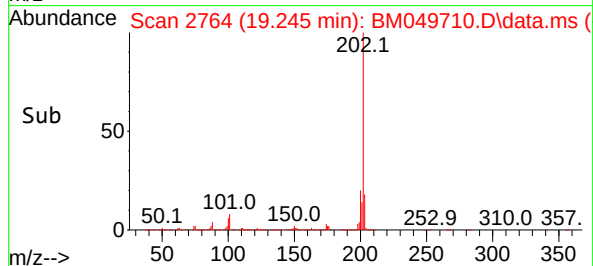
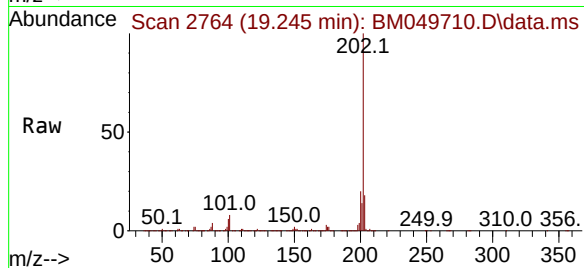




#75
Fluoranthene
Concen: 40.657 ng
RT: 19.245 min Scan# 2764
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

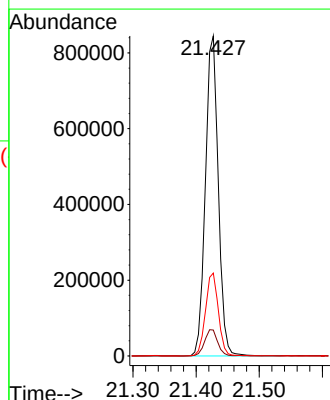
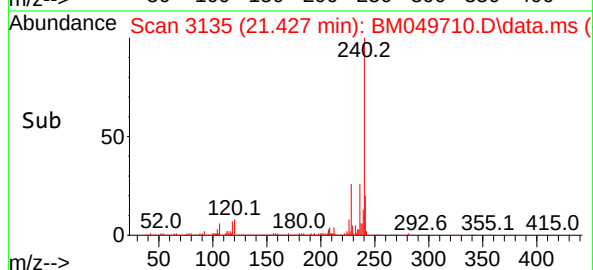
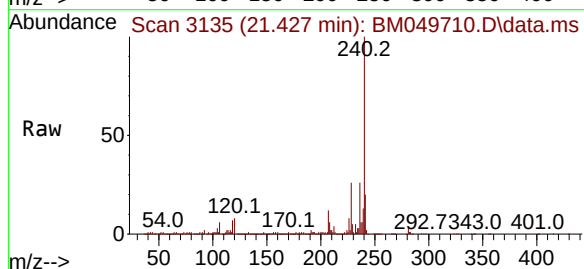
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

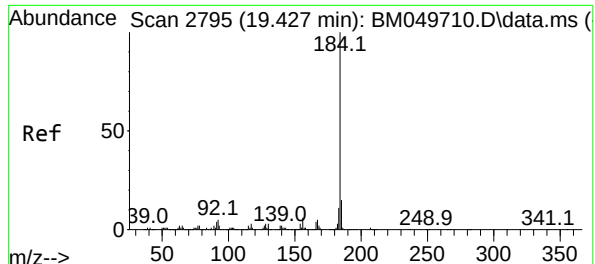
Tgt Ion:202 Resp: 3065801
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.8
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:240 Resp: 1198251
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 25.9 20.7 31.1

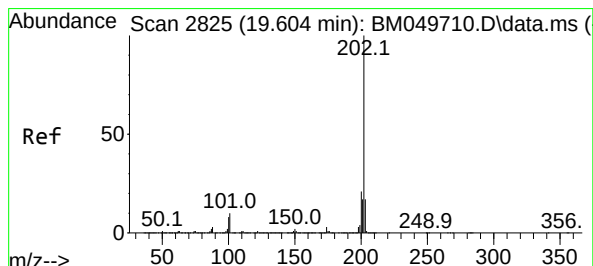
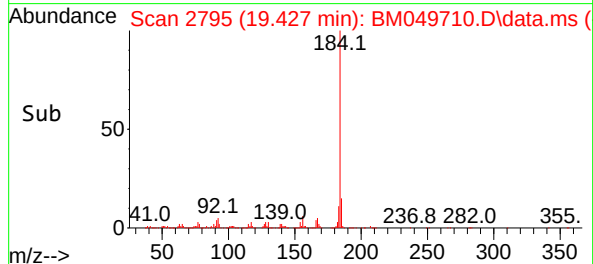
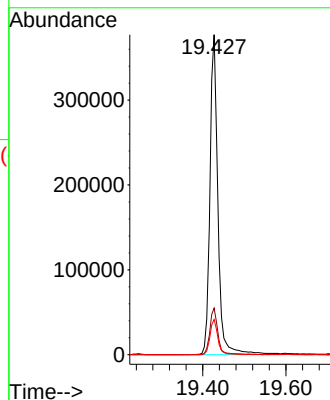
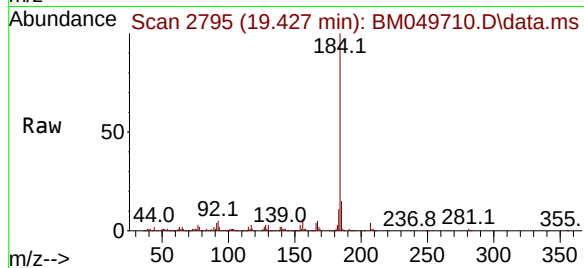




#77
Benzidine
Concen: 35.039 ng
RT: 19.427 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

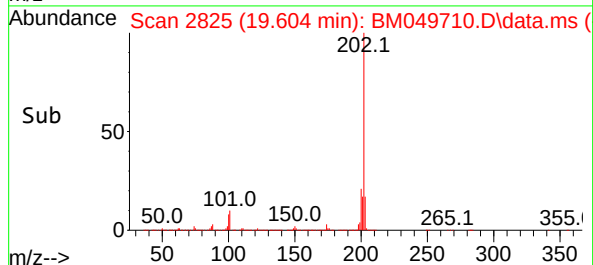
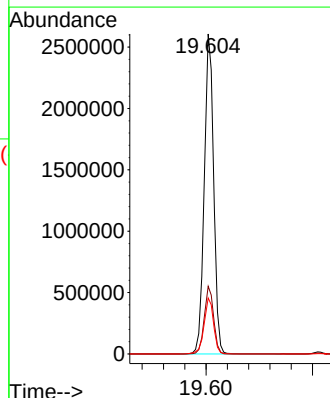
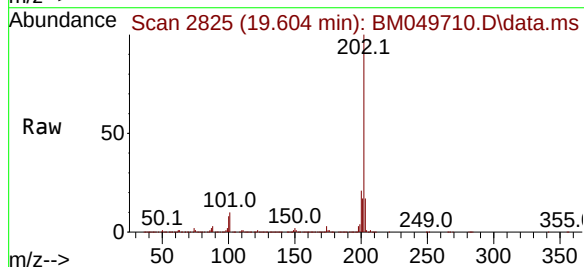
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

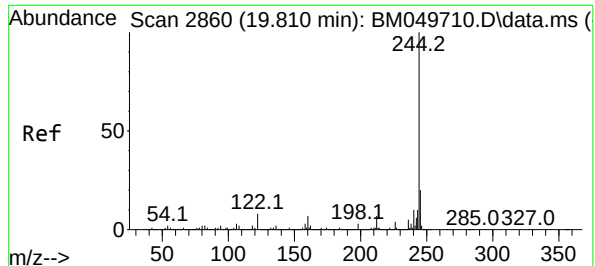
Tgt Ion:184 Resp: 504419
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.0 8.8 13.2



#78
Pyrene
Concen: 38.013 ng
RT: 19.604 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:202 Resp: 3182324
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.5 14.0 21.0

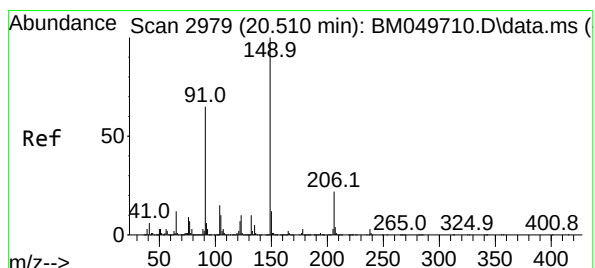
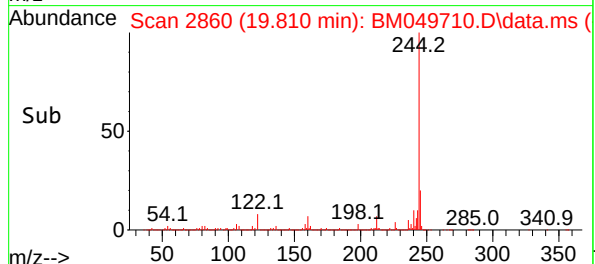
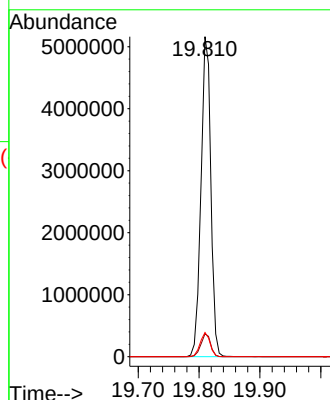
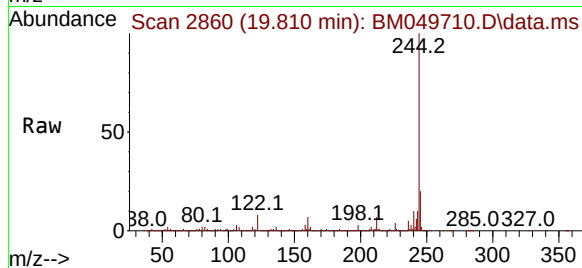




#79
Terphenyl-d14
Concen: 81.384 ng
RT: 19.810 min Scan# 2860
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

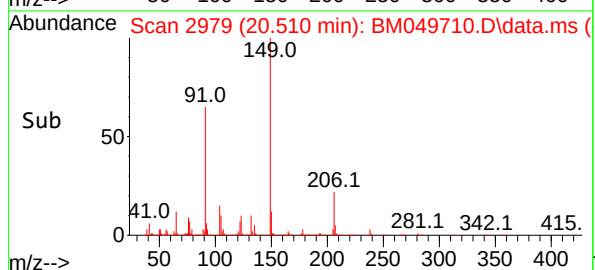
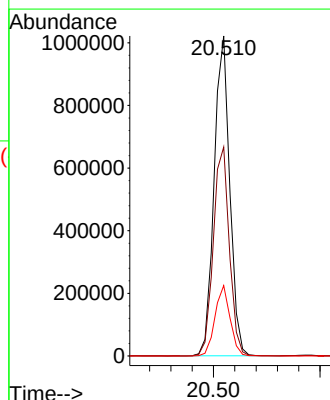
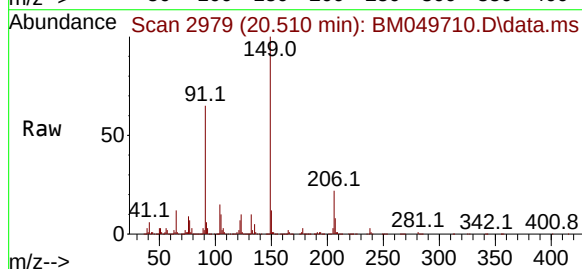
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

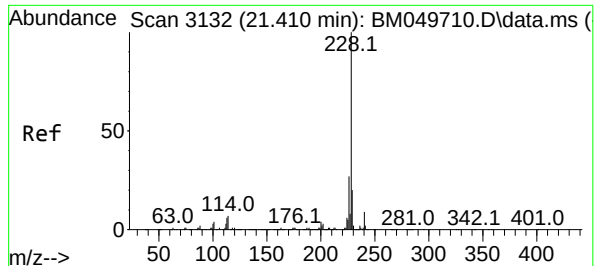
Tgt Ion:244 Resp: 5787036
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 7.5 6.0 9.0



#80
Butylbenzylphthalate
Concen: 39.874 ng
RT: 20.510 min Scan# 2979
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:149 Resp: 1035949
Ion Ratio Lower Upper
149 100
91 65.3 52.2 78.4
206 22.0 17.6 26.4

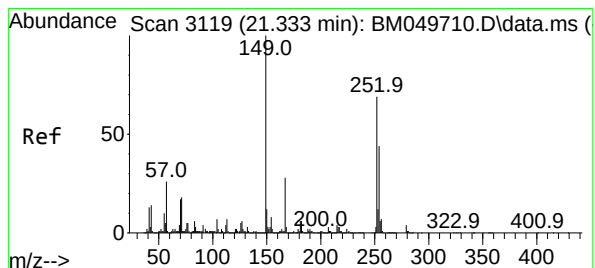
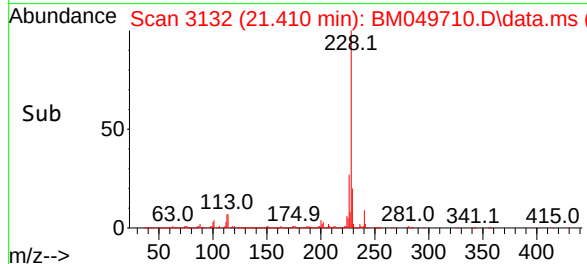
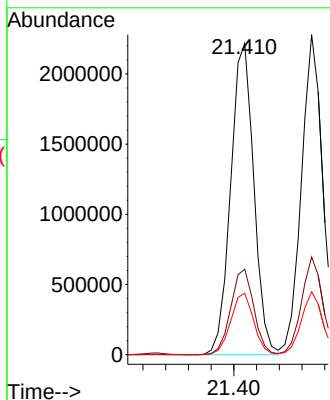
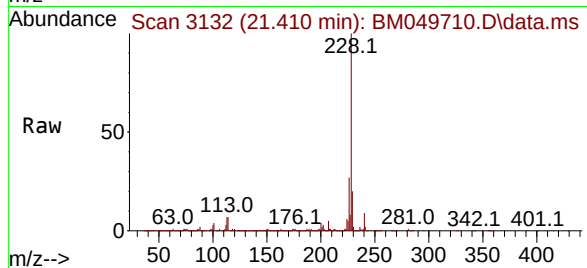




#81
Benzo(a)anthracene
Concen: 39.142 ng
RT: 21.410 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

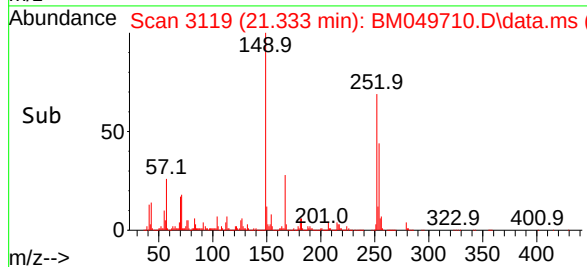
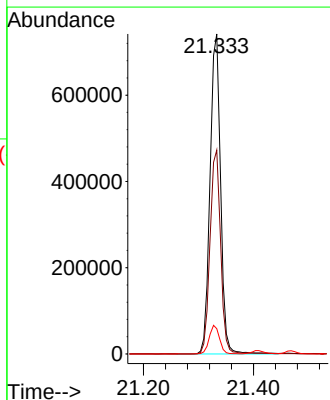
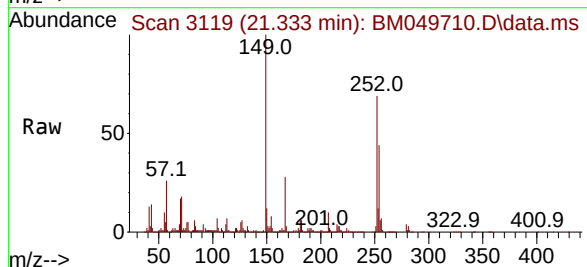
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

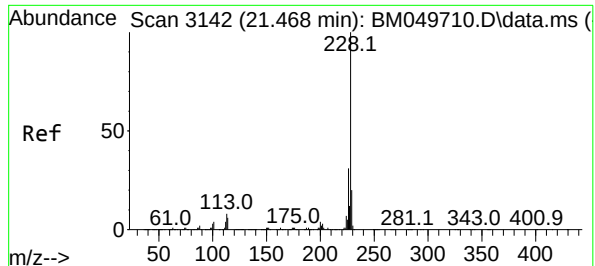
Tgt Ion:228 Resp: 3132766
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 37.814 ng
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:252 Resp: 985353
Ion Ratio Lower Upper
252 100
254 63.7 51.0 76.4
126 7.9 6.3 9.5





#83

Chrysene

Concen: 39.245 ng

RT: 21.468 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

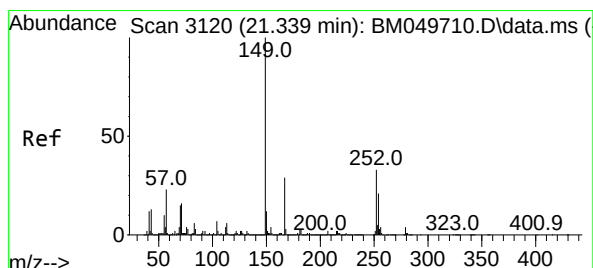
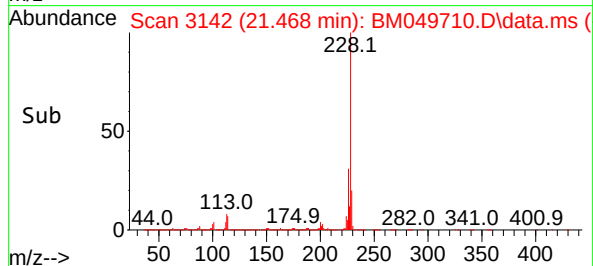
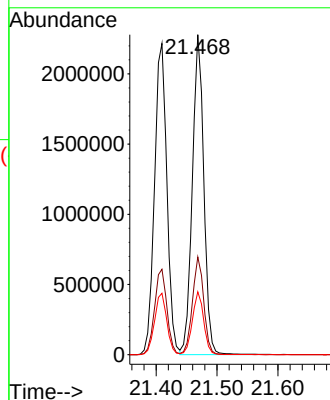
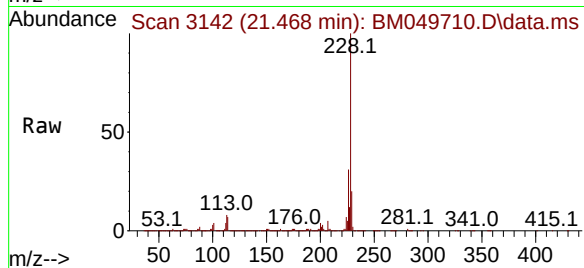
Tgt Ion:228 Resp: 2977456

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.133 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

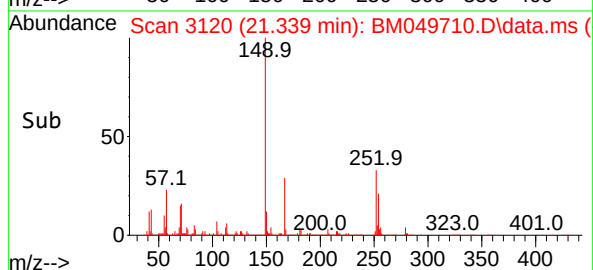
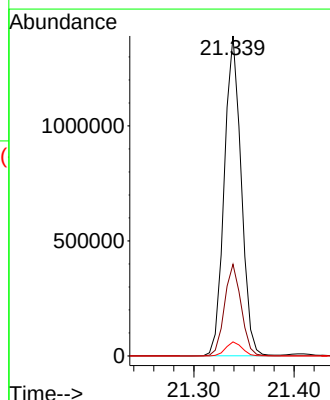
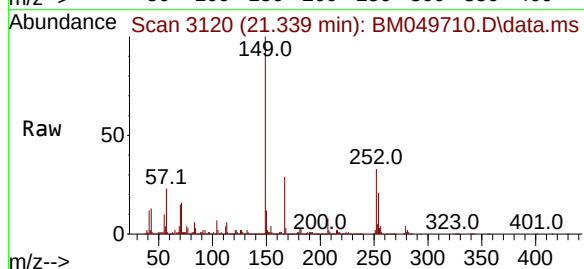
Tgt Ion:149 Resp: 1624965

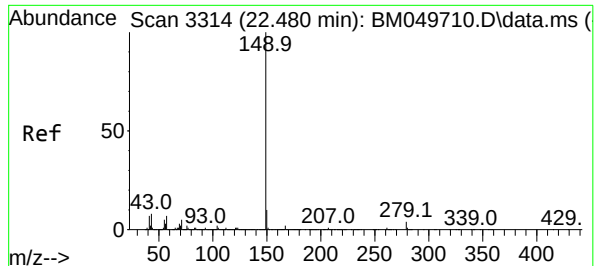
Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

279 4.4 3.5 5.3

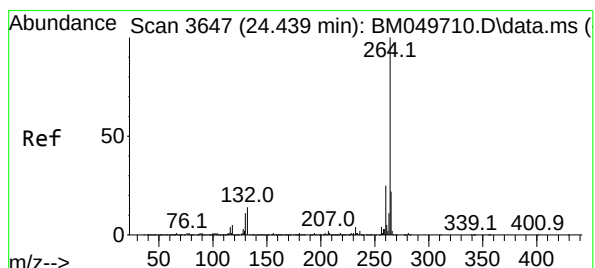
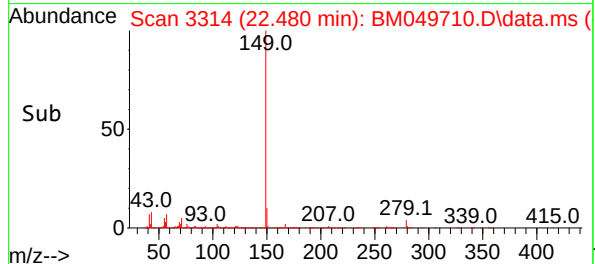
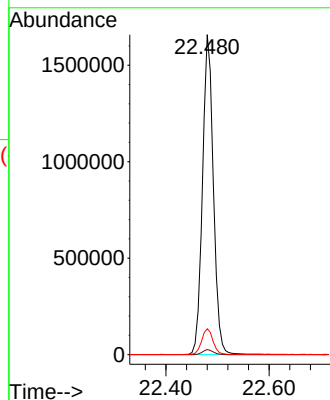
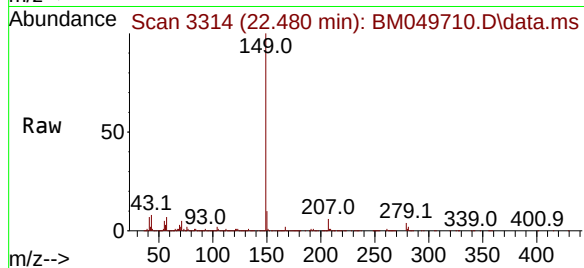




#85
Di-n-octyl phthalate
Concen: 38.441 ng
RT: 22.480 min Scan# 3314
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

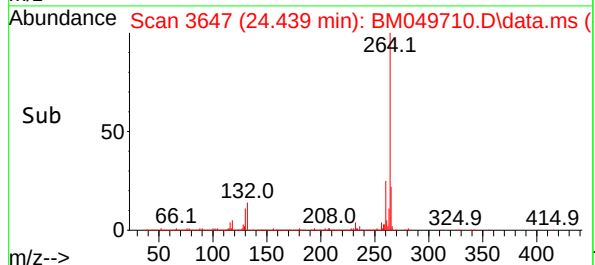
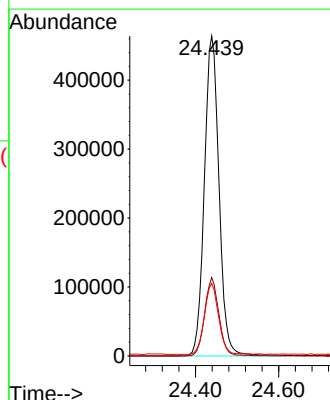
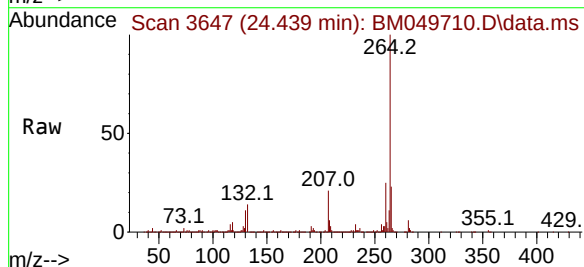
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

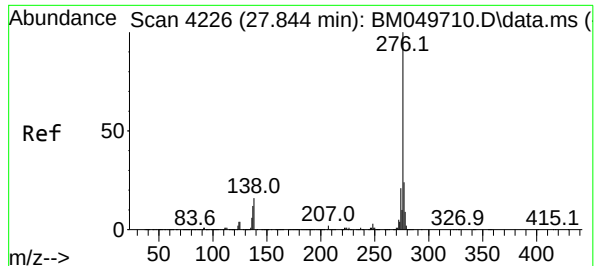
Tgt Ion:149 Resp: 2419176
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.439 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:264 Resp: 1136335
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.7 18.2 27.2

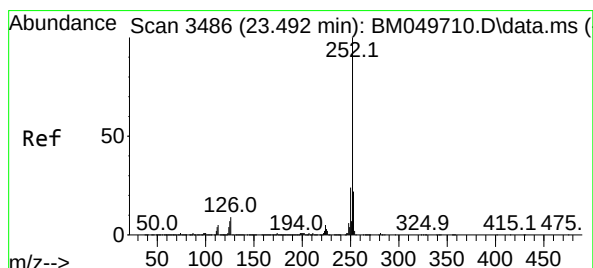
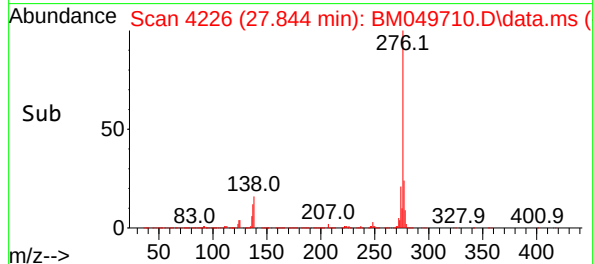
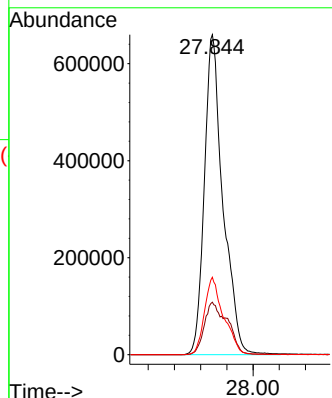
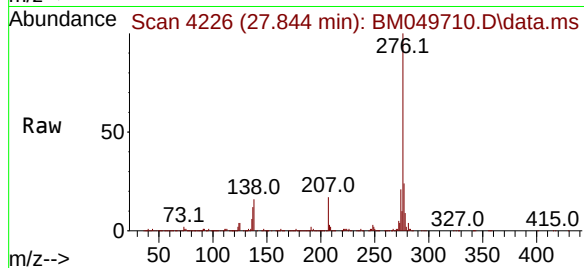




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.769 ng
RT: 27.844 min Scan# 4226
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

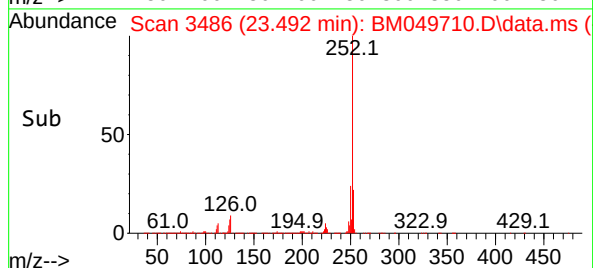
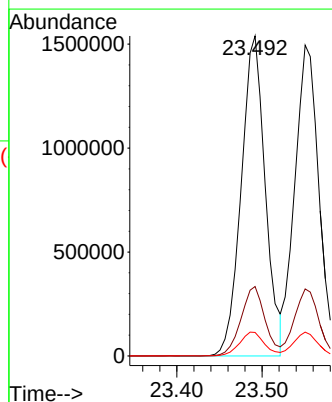
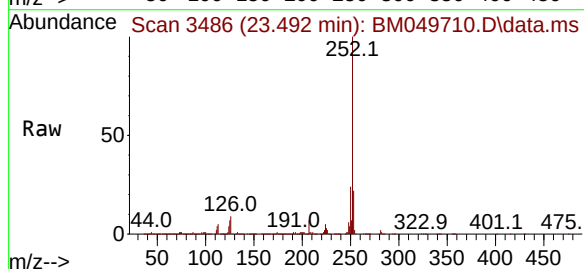
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

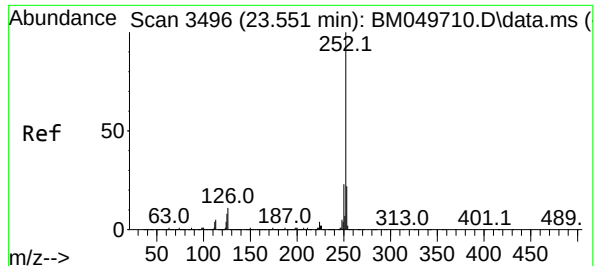
Tgt Ion:276 Resp: 3252652
Ion Ratio Lower Upper
276 100
138 20.4 16.3 24.5
277 24.9 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 39.482 ng
RT: 23.492 min Scan# 3486
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:252 Resp: 3021800
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 7.4 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 38.970 ng

RT: 23.551 min Scan# 3496

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

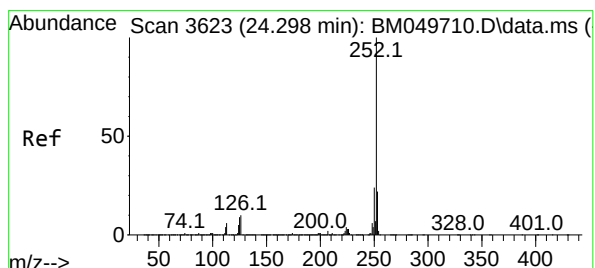
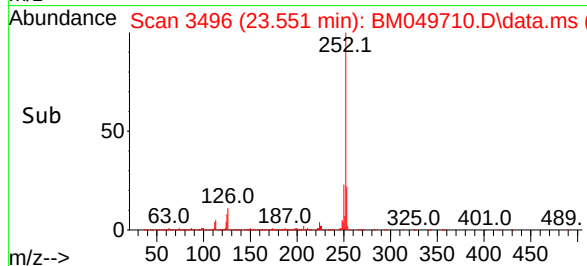
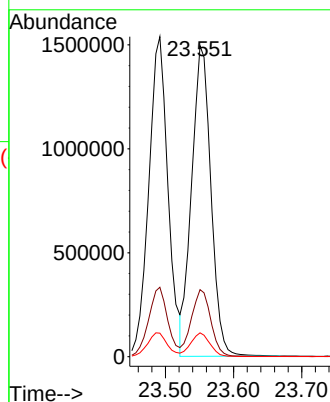
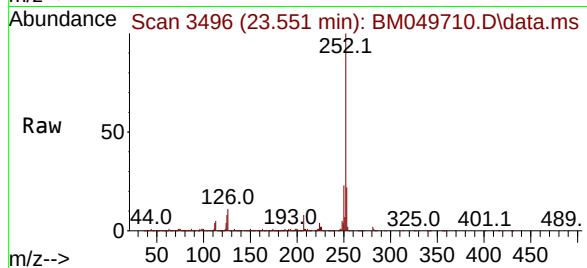
Tgt Ion:252 Resp: 2934888

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 7.7 6.2 9.2



#90

Benzo(a)pyrene

Concen: 39.591 ng

RT: 24.298 min Scan# 3623

Delta R.T. 0.000 min

Lab File: BM049710.D

Acq: 13 Mar 2025 11:39

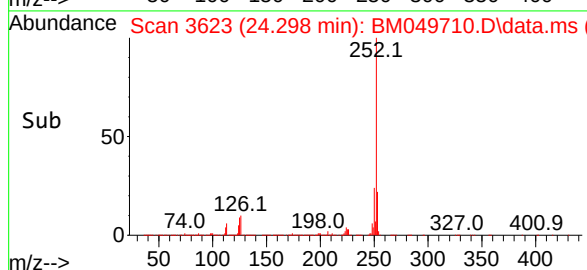
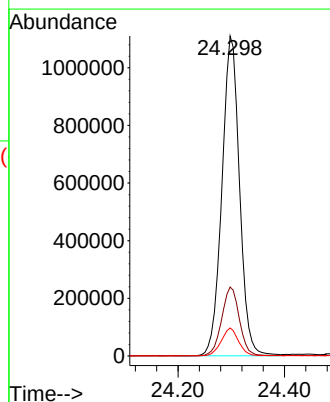
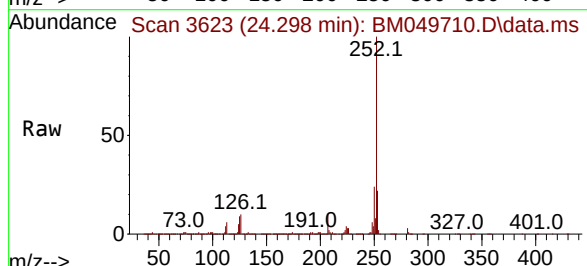
Tgt Ion:252 Resp: 2545218

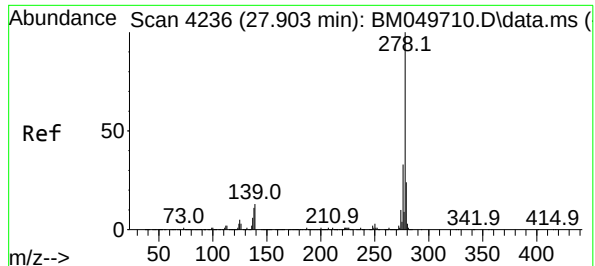
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 8.8 7.0 10.6

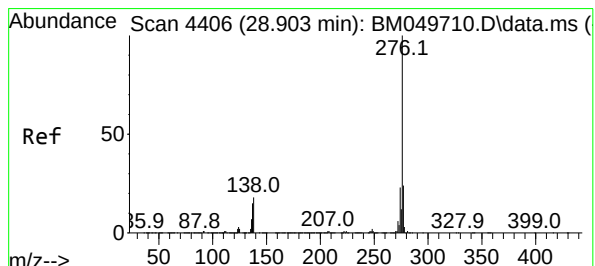
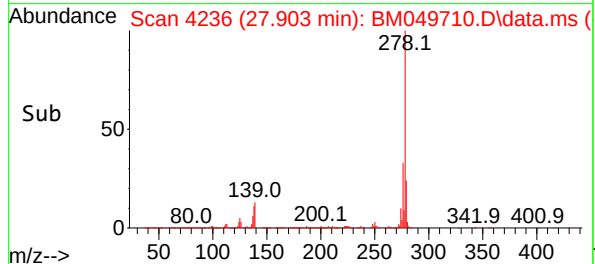
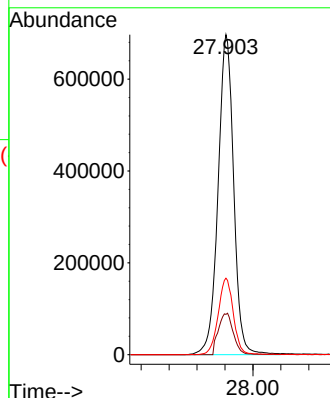
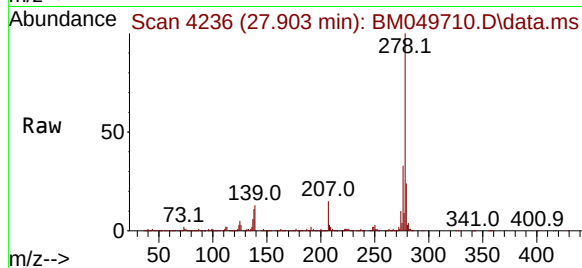




#91
Dibenzo(a,h)anthracene
Concen: 39.633 ng
RT: 27.903 min Scan# 4236
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

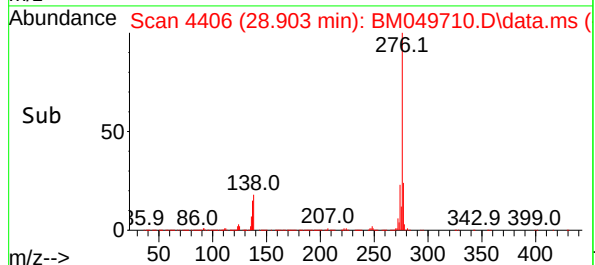
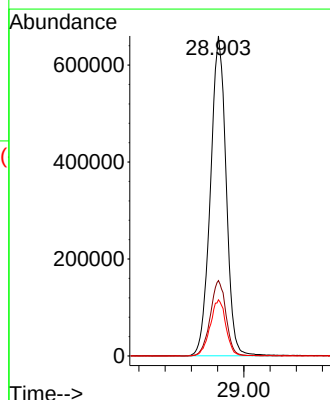
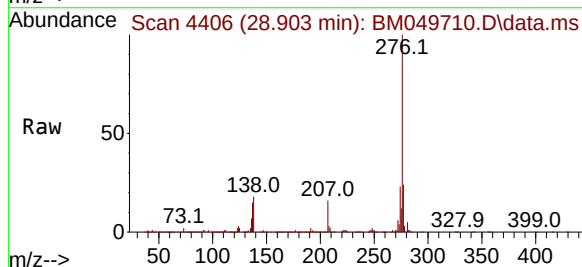
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 2700706
Ion Ratio Lower Upper
278 100
139 12.6 10.1 15.1
279 23.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 39.847 ng
RT: 28.903 min Scan# 4406
Delta R.T. 0.000 min
Lab File: BM049710.D
Acq: 13 Mar 2025 11:39

Tgt Ion:276 Resp: 2735035
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 17.5 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049711.D
 Acq On : 13 Mar 2025 12:19
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:42:28 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 13 14:27:21 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	343156	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1142867	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	676067	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1230919	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1192033	20.000	ng	0.00
86) Perylene-d12	24.439	264	1121126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2126098	104.542	ng	0.00
7) Phenol-d6	6.981	99	2664041	104.381	ng	0.00
23) Nitrobenzene-d5	8.963	82	2304709	103.536	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	911616	115.476	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	5733658	106.213	ng	0.00
79) Terphenyl-d14	19.809	244	8058803	113.924	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	439502	49.921	ng	99
3) Pyridine	3.687	79	1121278m	49.807	ng	
4) n-Nitrosodimethylamine	3.593	42	501117	50.371	ng	99
6) Aniline	7.140	93	1069294	50.009	ng	99
8) 2-Chlorophenol	7.375	128	1037349	51.508	ng	99
9) Benzaldehyde	6.946	77	587735	46.582	ng	98
10) Phenol	7.010	94	1267748	51.228	ng	97
11) bis(2-Chloroethyl)ether	7.234	93	1010944	50.446	ng	99
12) 1,3-Dichlorobenzene	7.698	146	1254499	51.256	ng	99
13) 1,4-Dichlorobenzene	7.846	146	1252803	50.739	ng	99
14) 1,2-Dichlorobenzene	8.163	146	1198091	51.057	ng	99
15) Benzyl Alcohol	8.046	79	838336	52.343	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	1173127	49.807	ng	99
17) 2-Methylphenol	8.257	107	763369	51.956	ng	99
18) Hexachloroethane	8.893	117	447960	51.375	ng	94
19) n-Nitroso-di-n-propyla...	8.616	70	773184	52.245	ng	98
20) 3+4-Methylphenols	8.581	107	1014565	51.528	ng	98
22) Acetophenone	8.628	105	1505469	51.088	ng	# 99
24) Nitrobenzene	9.004	77	1071054	51.028	ng	99
25) Isophorone	9.534	82	1769403	51.772	ng	100
26) 2-Nitrophenol	9.716	139	488752	54.709	ng	99
27) 2,4-Dimethylphenol	9.781	122	596007	52.413	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	1230419	51.115	ng	99
29) 2,4-Dichlorophenol	10.251	162	976969	52.725	ng	97
30) 1,2,4-Trichlorobenzene	10.469	180	1181673	50.972	ng	100
31) Naphthalene	10.651	128	3024467	51.466	ng	99
32) Benzoic acid	9.928	122	511116	52.834	ng	99
33) 4-Chloroaniline	10.763	127	1019020	50.809	ng	99
34) Hexachlorobutadiene	10.945	225	745756	52.109	ng	99
35) Caprolactam	11.545	113	226631	52.681	ng	96
36) 4-Chloro-3-methylphenol	11.892	107	825613	51.921	ng	99
37) 2-Methylnaphthalene	12.269	142	2099664	51.096	ng	99
38) 1-Methylnaphthalene	12.486	142	2032245	51.260	ng	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	1320335	53.168	ng	99
41) Hexachlorocyclopentadiene	12.622	237	506457	55.050	ng	96
43) 2,4,6-Trichlorophenol	12.881	196	757946	54.496	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049711.D
 Acq On : 13 Mar 2025 12:19
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:42:28 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 13 14:27:21 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	807292	53.190	ng	99
46) 1,1'-Biphenyl	13.280	154	2715061	52.107	ng	100
47) 2-Chloronaphthalene	13.322	162	2103079	51.855	ng	99
48) 2-Nitroaniline	13.522	65	496484	54.532	ng	98
49) Acenaphthylene	14.169	152	2966785	52.334	ng	100
50) Dimethylphthalate	13.904	163	2369244	50.900	ng	100
51) 2,6-Dinitrotoluene	14.016	165	487346	52.253	ng	98
52) Acenaphthene	14.510	154	1935920	52.126	ng	100
53) 3-Nitroaniline	14.345	138	468558	52.794	ng	98
54) 2,4-Dinitrophenol	14.551	184	245877	49.851	ng	97
55) Dibenzofuran	14.845	168	3181581	51.347	ng	99
56) 4-Nitrophenol	14.663	139	392805	50.845	ng	99
57) 2,4-Dinitrotoluene	14.804	165	640402	53.361	ng	99
58) Fluorene	15.492	166	2644175	52.414	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	665660	52.395	ng	99
60) Diethylphthalate	15.274	149	2261890	51.595	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	1471150	53.403	ng	99
62) 4-Nitroaniline	15.510	138	502155	47.589	ng	99
63) Azobenzene	15.780	77	2173983	51.918	ng	99
65) 4,6-Dinitro-2-methylph...	15.569	198	336162	49.773	ng	96
66) n-Nitrosodiphenylamine	15.704	169	1980682	53.109	ng	98
67) 4-Bromophenyl-phenylether	16.380	248	765956	53.896	ng	99
68) Hexachlorobenzene	16.498	284	842630	52.726	ng	99
69) Atrazine	16.651	200	302033	36.748	ng	99
70) Pentachlorophenol	16.839	266	524923	52.267	ng	98
71) Phenanthrene	17.227	178	3564661	52.153	ng	100
72) Anthracene	17.321	178	3519355	53.168	ng	100
73) Carbazole	17.586	167	3125864	52.143	ng	100
74) Di-n-butylphthalate	18.163	149	3583163	54.535	ng	99
75) Fluoranthene	19.245	202	4164429	52.921	ng	100
77) Benzidine	19.427	184	815052	56.913	ng	99
78) Pyrene	19.604	202	4375693	52.541	ng	99
80) Butylbenzylphthalate	20.509	149	1436857	55.594	ng	99
81) Benzo(a)anthracene	21.409	228	4214500	52.933	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	1413811	54.540	ng	100
83) Chrysene	21.468	228	3970998	52.613	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	2296803	57.022	ng	99
85) Di-n-octyl phthalate	22.480	149	3414666	54.543	ng	100
87) Indeno(1,2,3-cd)pyrene	27.850	276	4391909	54.427	ng	100
88) Benzo(b)fluoranthene	23.492	252	4015121	53.172	ng	99
89) Benzo(k)fluoranthene	23.556	252	3946464	53.113	ng	99
90) Benzo(a)pyrene	24.303	252	3392495	53.487	ng	99
91) Dibenzo(a,h)anthracene	27.909	278	3641852	54.170	ng	99
92) Benzo(g,h,i)perylene	28.915	276	3633253	53.651	ng	99

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

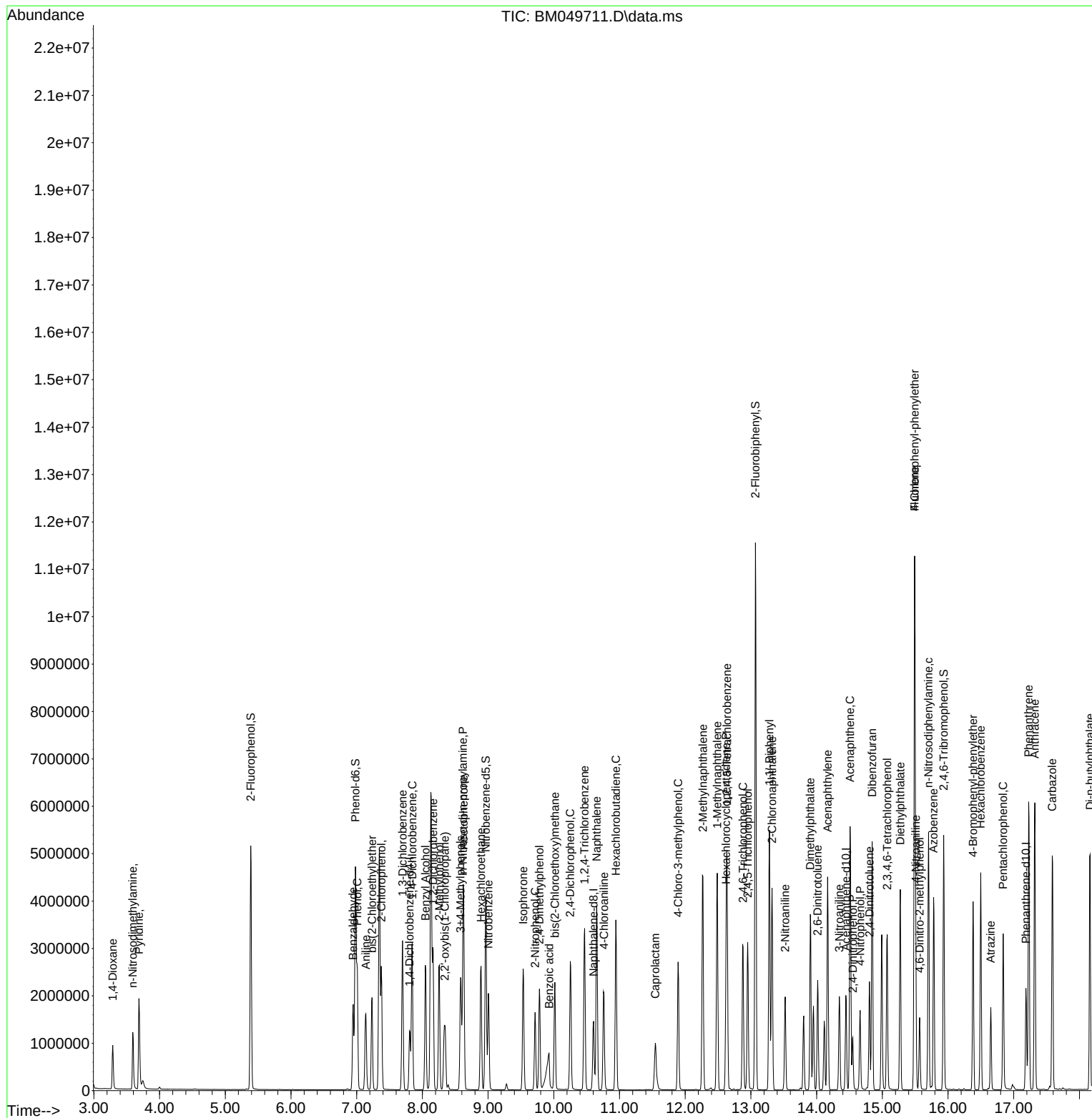
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049711.D
Acq On : 13 Mar 2025 12:19
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:42:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration



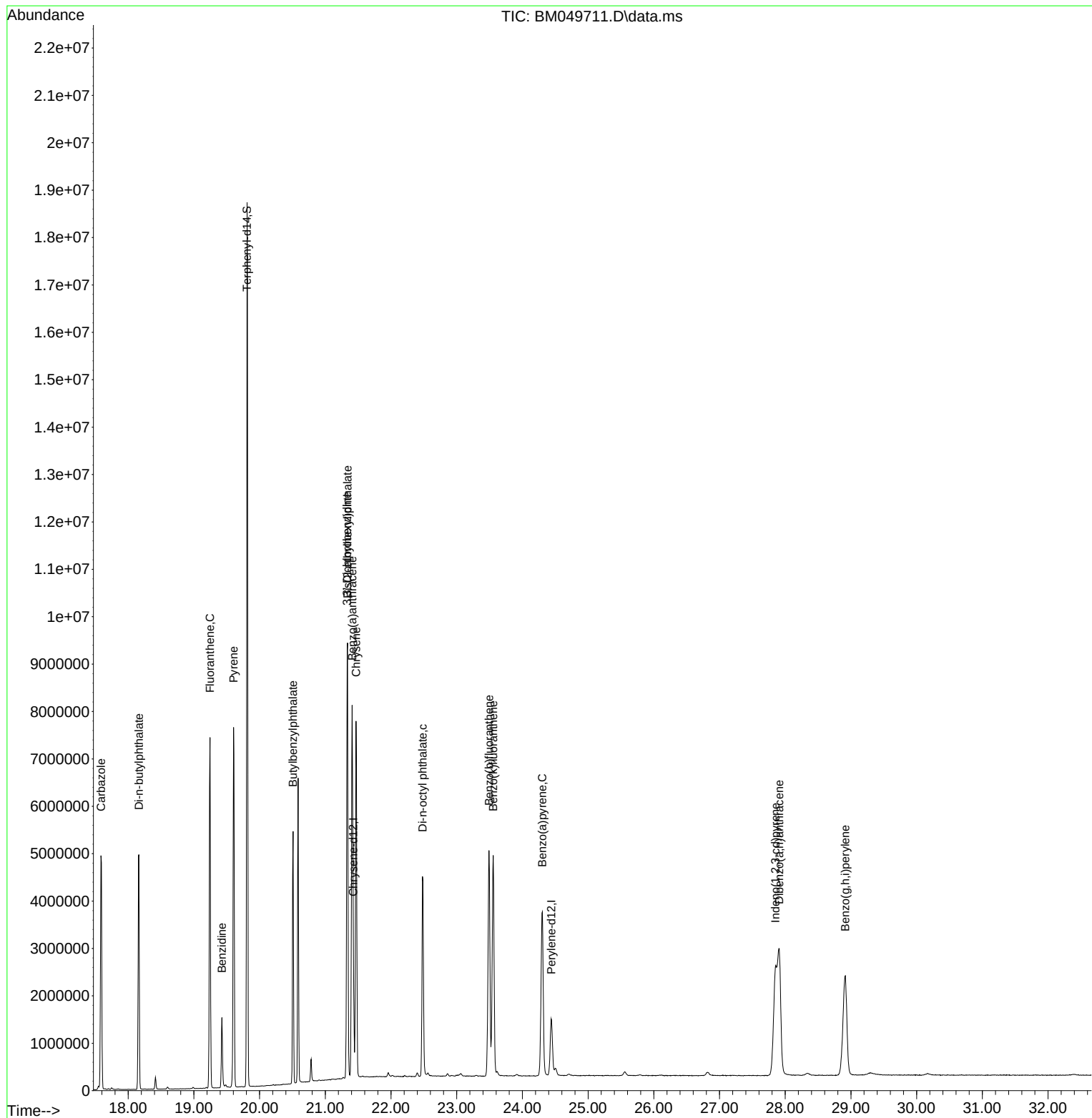
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Acq On : 13 Mar 2025 12:19
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

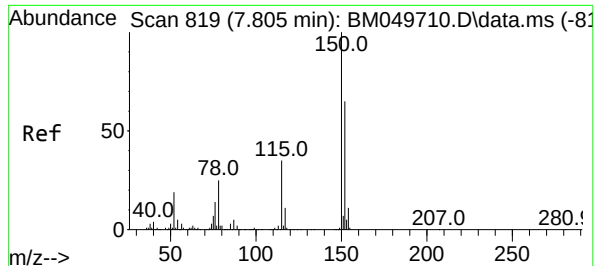
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

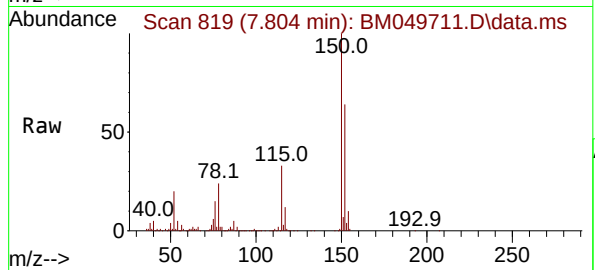
Quant Time: Mar 13 14:42:28 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.001 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

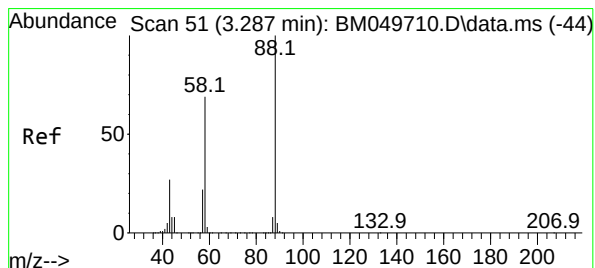
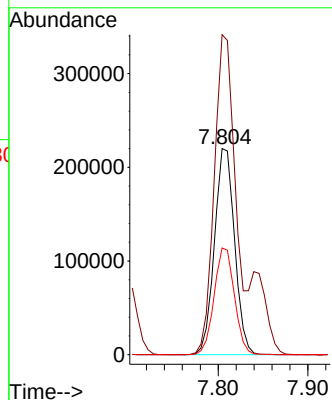
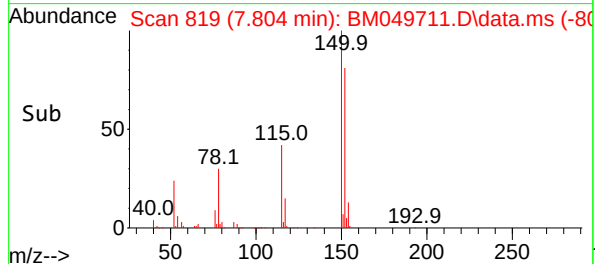
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 343150
Ion Ratio Lower Upper
152 100
150 155.2 123.8 185.8
115 51.8 43.0 64.6

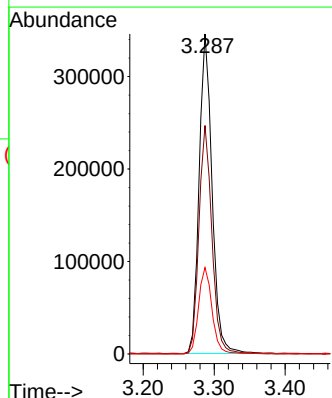
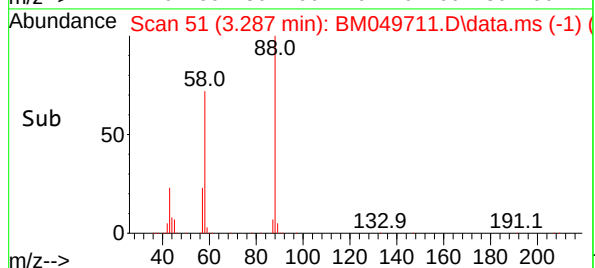
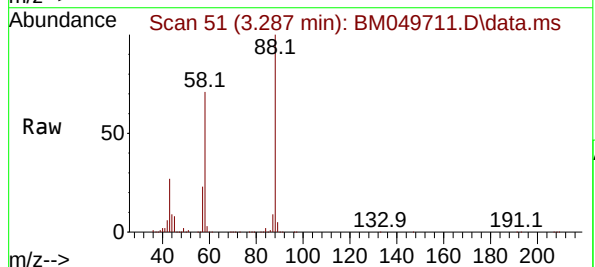
Manual Integrations
APPROVED

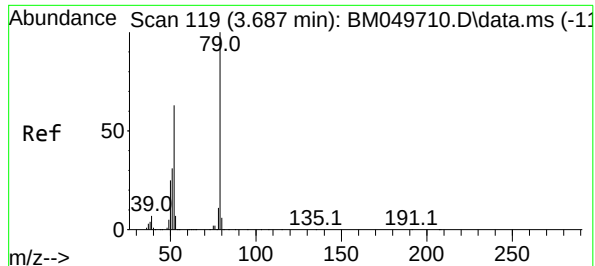
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#2
1,4-Dioxane
Concen: 49.921 ng
RT: 3.287 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

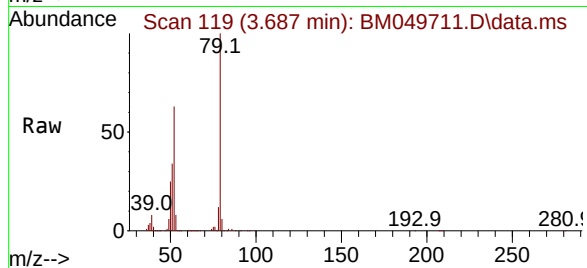
Tgt Ion: 88 Resp: 439502
Ion Ratio Lower Upper
88 100
58 71.8 56.7 85.1
43 27.9 22.6 34.0





#3
Pyridine
Concen: 49.807 ng m
RT: 3.687 min Scan# 119
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

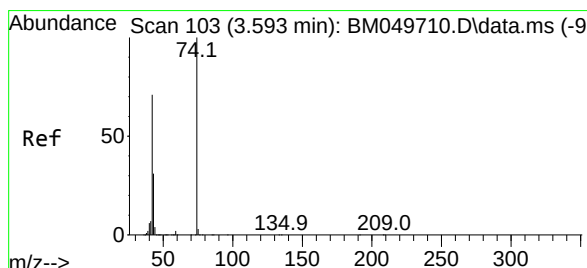
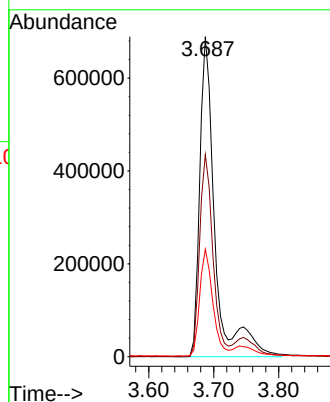
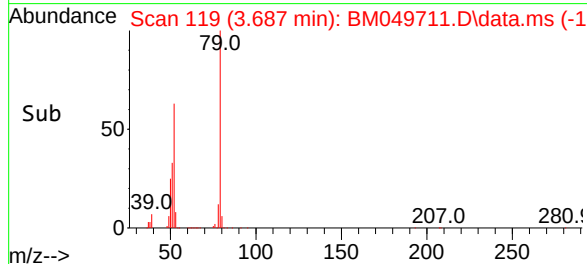
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 1121278
Ion Ratio Lower Upper
79 100
52 63.2 50.1 75.1
51 33.6 25.2 37.8

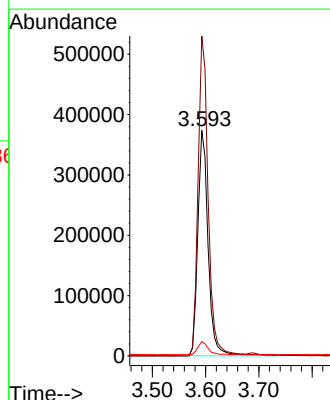
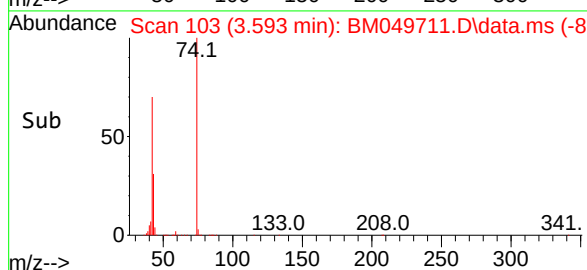
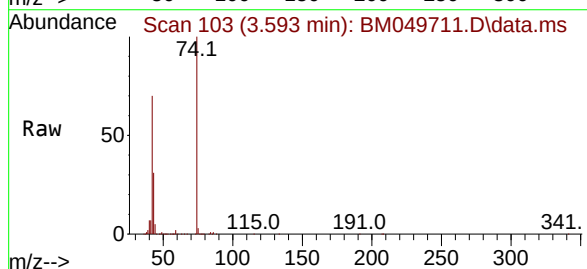
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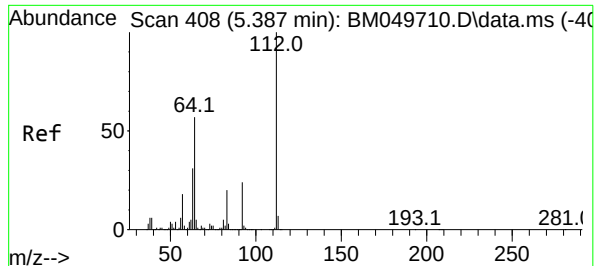
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#4
n-Nitrosodimethylamine
Concen: 50.371 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

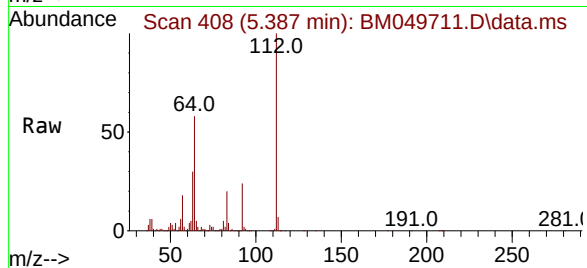
Tgt Ion: 42 Resp: 501117
Ion Ratio Lower Upper
42 100
74 141.9 112.6 168.8
44 6.4 5.0 7.6





#5
2-Fluorophenol
Concen: 104.542 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

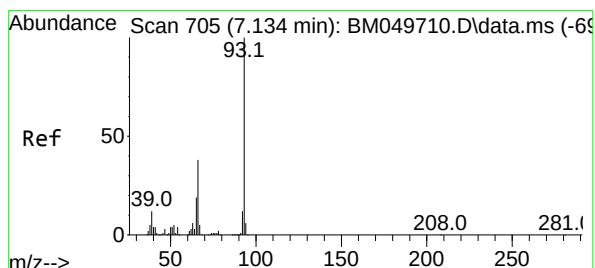
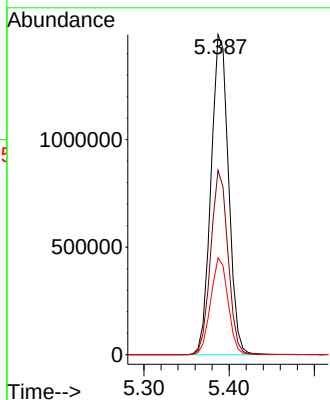
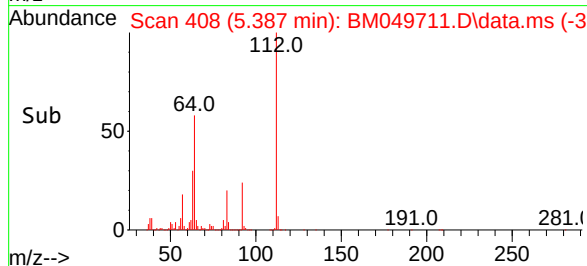
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:112 Resp: 2126098
Ion Ratio Lower Upper
112 100
64 57.6 45.3 67.9
63 30.2 24.4 36.6

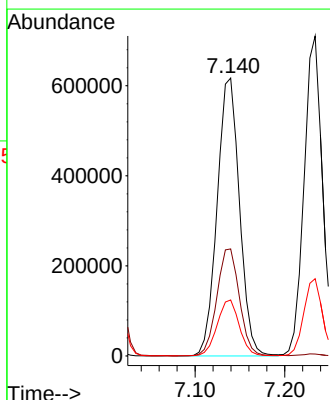
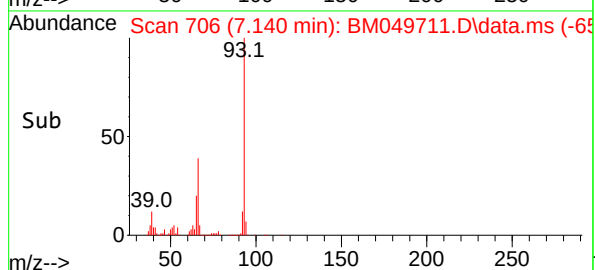
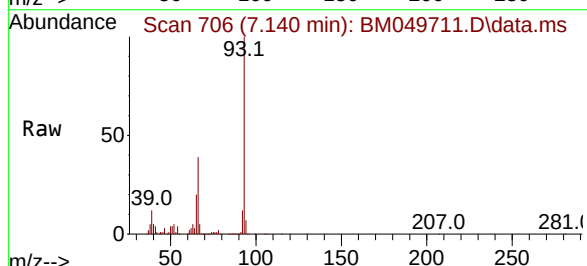
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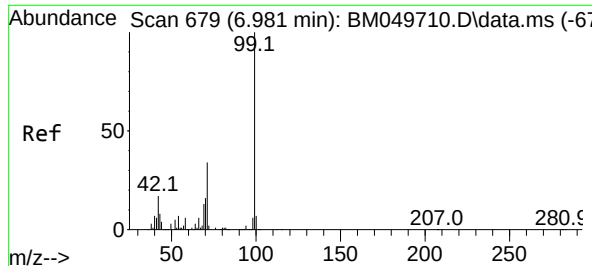
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#6
Aniline
Concen: 50.009 ng
RT: 7.140 min Scan# 706
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion: 93 Resp: 1069294
Ion Ratio Lower Upper
93 100
66 38.5 30.6 46.0
65 20.2 15.4 23.2





#7

Phenol-d6

Concen: 104.381 ng

RT: 6.981 min Scan# 679

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 266404

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

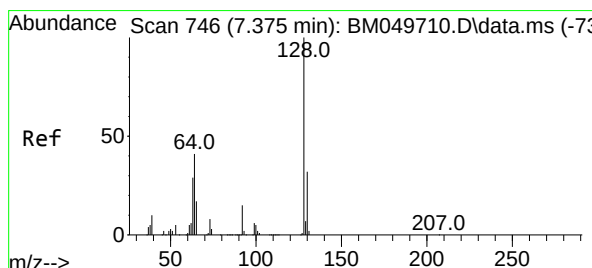
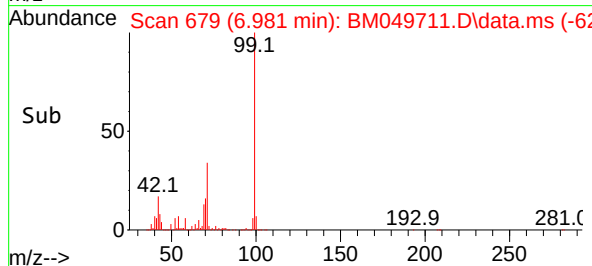
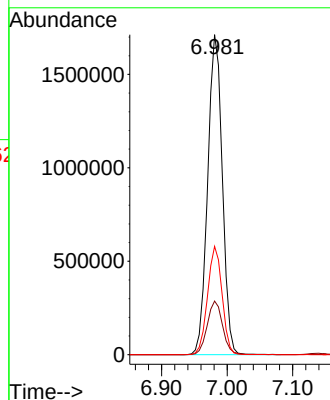
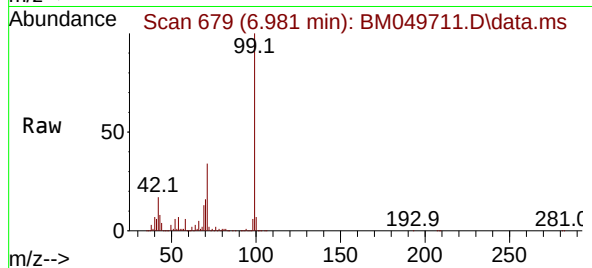
71 33.9 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#8

2-Chlorophenol

Concen: 51.508 ng

RT: 7.375 min Scan# 746

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

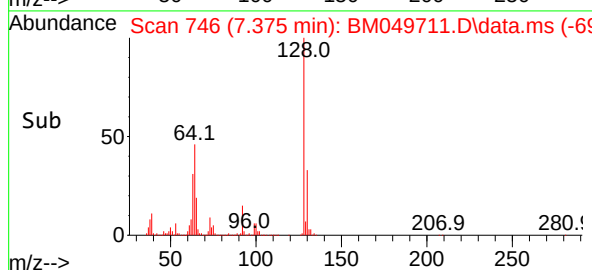
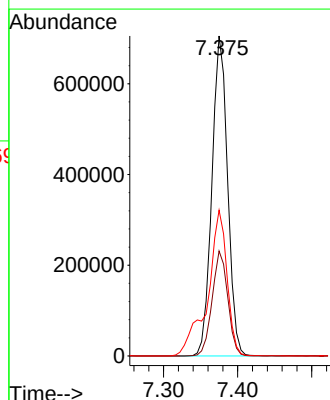
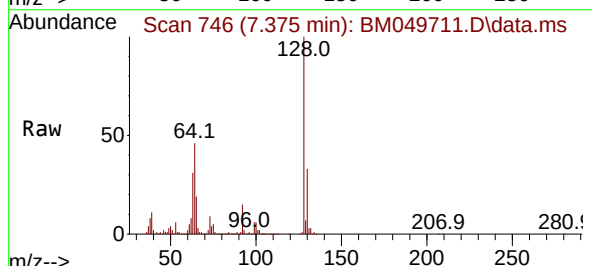
Tgt Ion:128 Resp: 1037349

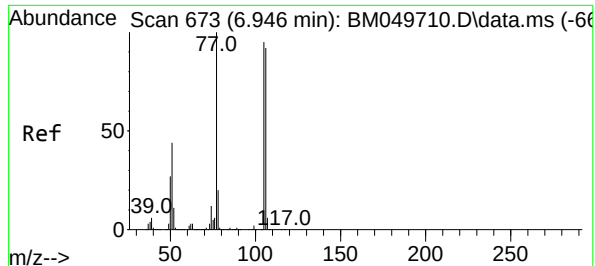
Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

64 45.5 24.9 64.9





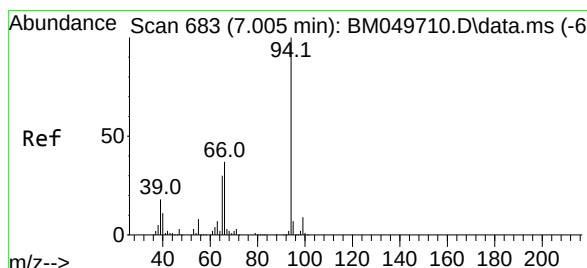
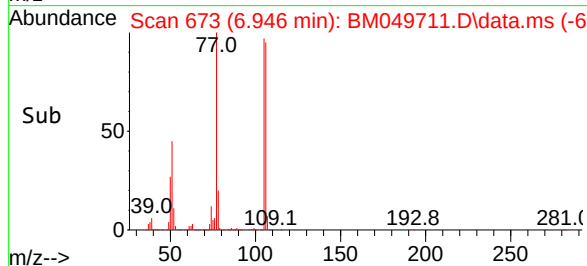
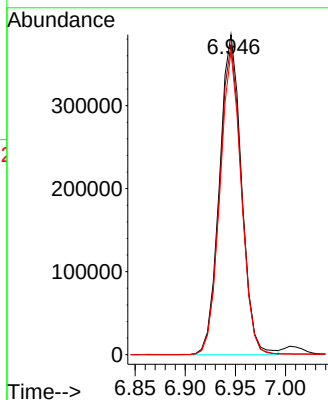
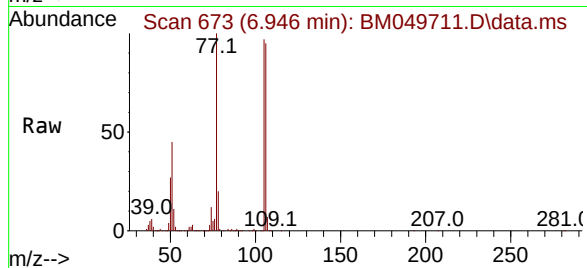
#9
Benzaldehyde
Concen: 46.582 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 587735
Ion Ratio Lower Upper
77 100
105 96.9 75.0 115.0
106 94.7 72.3 112.3

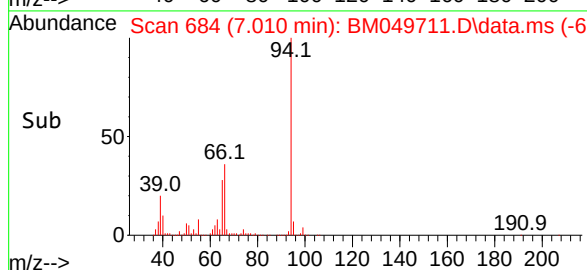
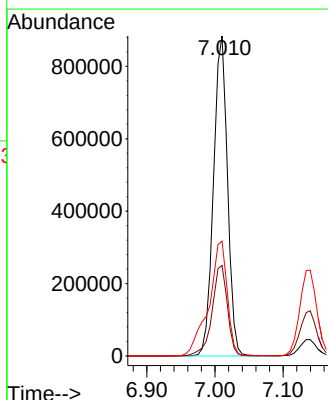
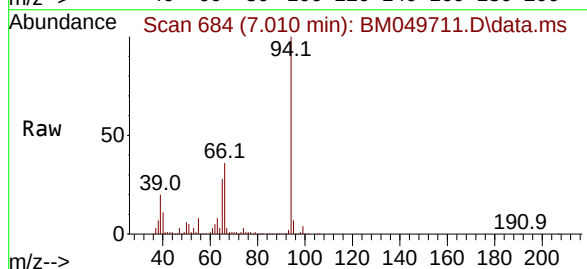
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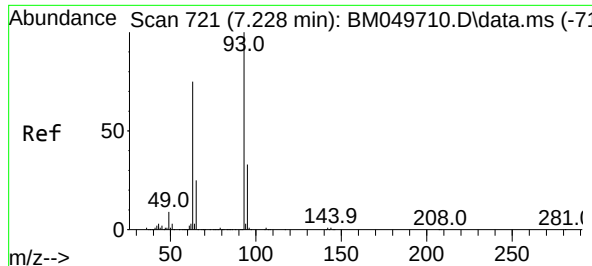
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#10
Phenol
Concen: 51.228 ng
RT: 7.010 min Scan# 684
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

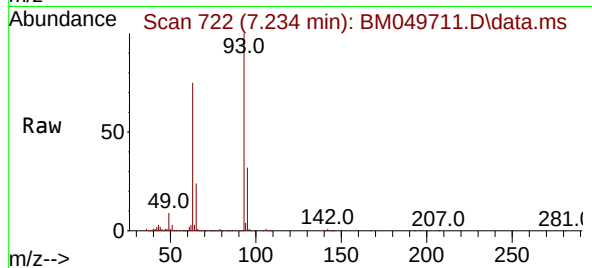
Tgt Ion: 94 Resp: 1267748
Ion Ratio Lower Upper
94 100
65 28.3 10.4 50.4
66 35.9 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 50.446 ng
RT: 7.234 min Scan# 721
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

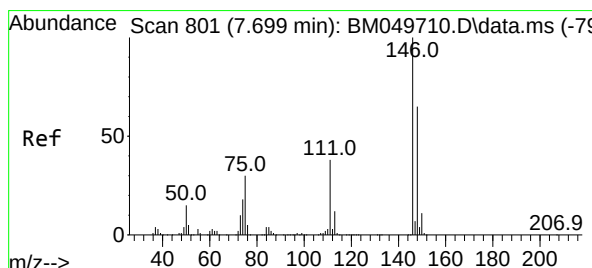
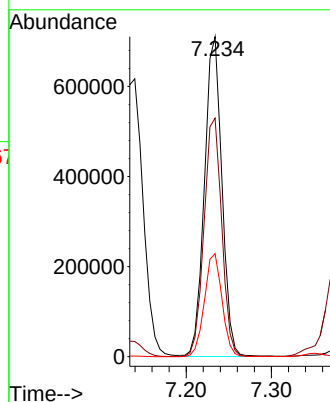
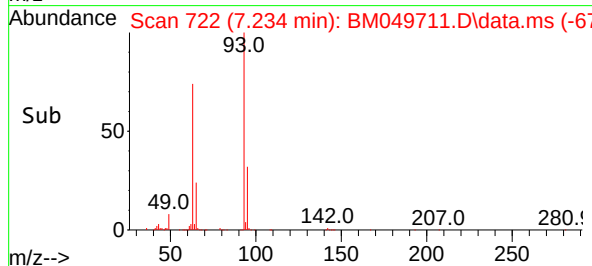
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 93 Resp: 101094
Ion Ratio Lower Upper
93 100
63 74.5 54.8 94.8
95 32.2 12.8 52.8

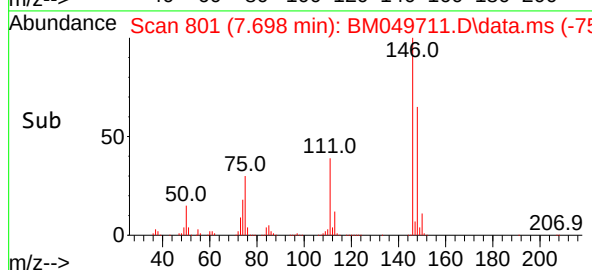
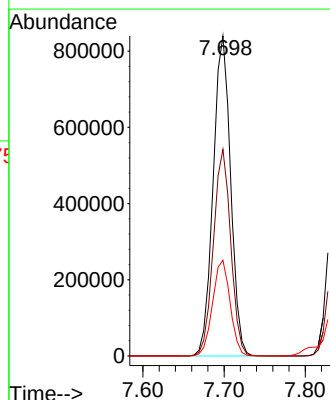
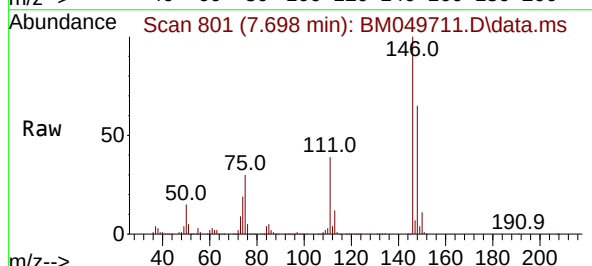
Manual Integrations
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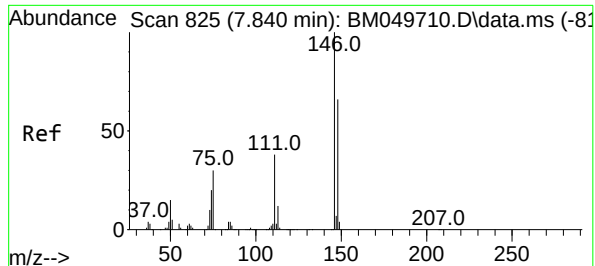
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#12
1,3-Dichlorobenzene
Concen: 51.256 ng
RT: 7.698 min Scan# 801
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:146 Resp: 1254499
Ion Ratio Lower Upper
146 100
148 64.5 52.3 78.5
75 29.9 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 50.739 ng

RT: 7.846 min Scan# 81

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 125280

Ion Ratio Lower Upper

146 100

148 65.3 52.6 79.0

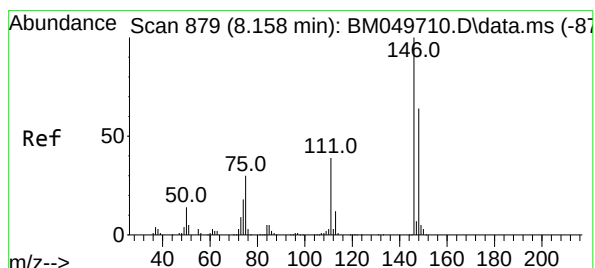
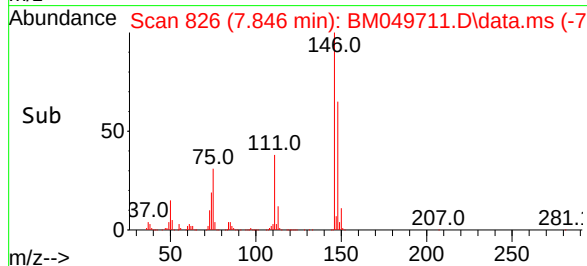
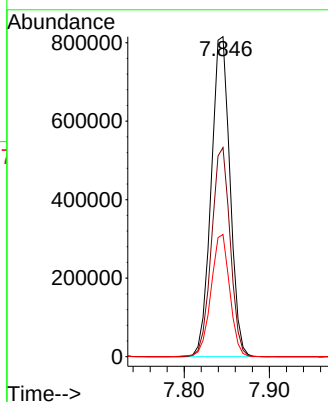
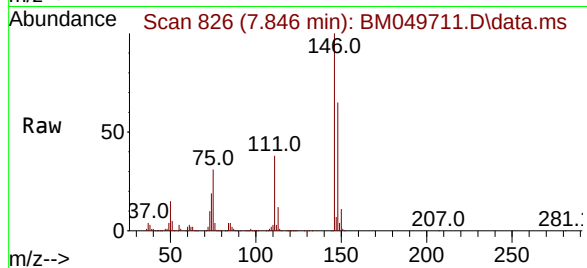
111 38.2 30.8 46.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#14

1,2-Dichlorobenzene

Concen: 51.057 ng

RT: 8.163 min Scan# 880

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

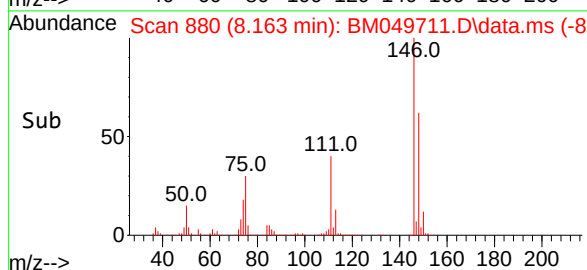
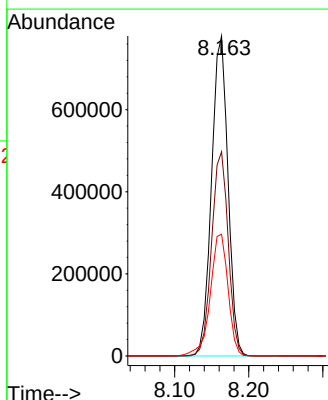
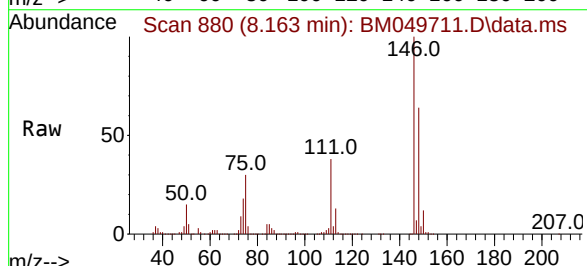
Tgt Ion:146 Resp: 1198091

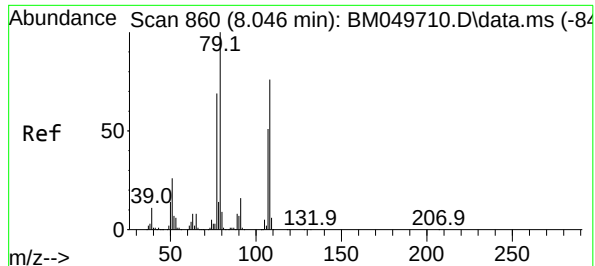
Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

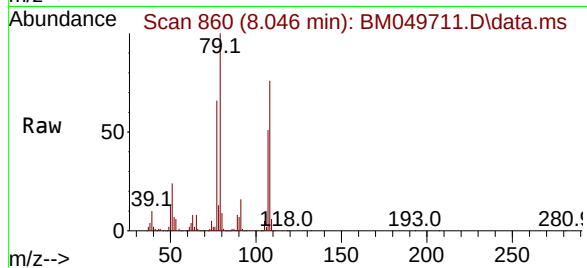
111 38.1 31.0 46.6





#15
Benzyl Alcohol
Concen: 52.343 ng
RT: 8.046 min Scan# 860
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

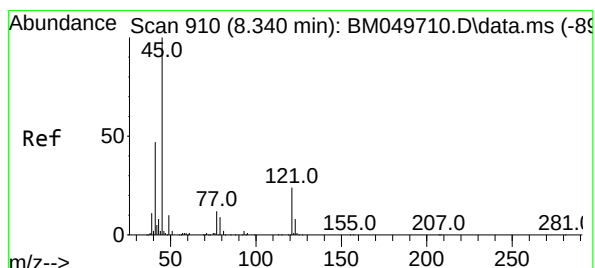
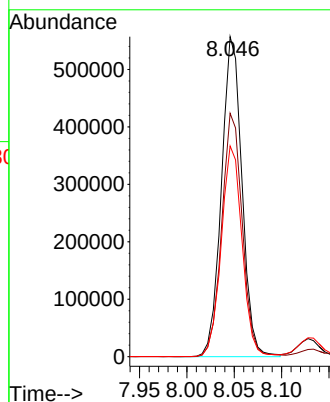
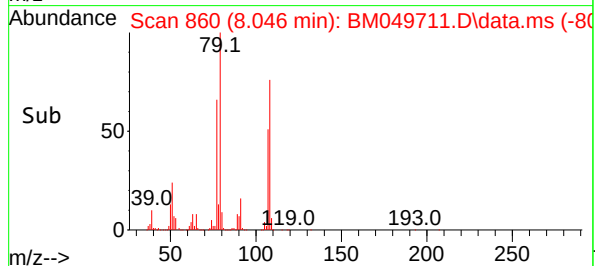
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 838330
Ion Ratio Lower Upper
79 100
108 76.1 60.7 91.1
77 65.8 55.4 83.2

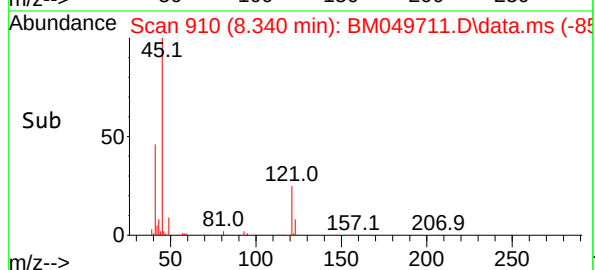
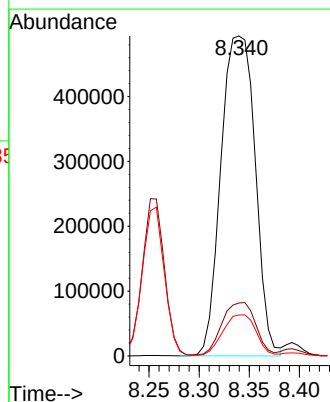
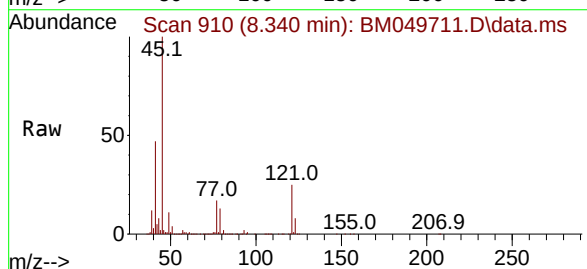
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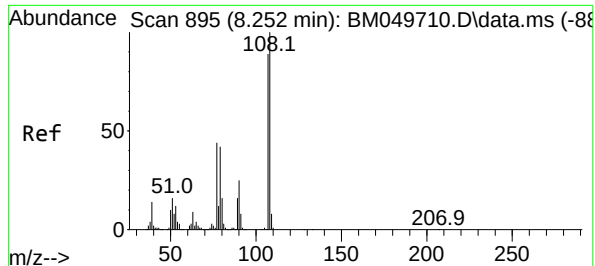
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.807 ng
RT: 8.340 min Scan# 910
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion: 45 Resp: 1173127
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.1
79 12.8 0.0 32.8





#17

2-Methylphenol

Concen: 51.956 ng

RT: 8.257 min Scan# 895

Delta R.T. 0.006 min

Lab File: BM049711.D

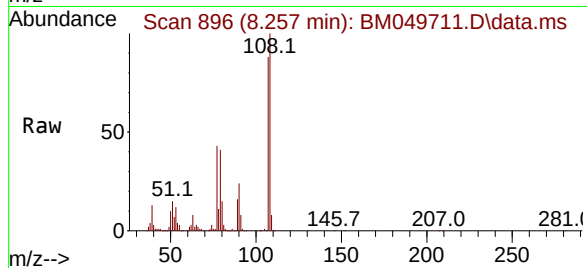
Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC050



Tgt Ion:107 Resp: 763369

Ion Ratio Lower Upper

107 100

108 113.2 89.6 134.4

77 48.8 39.8 59.6

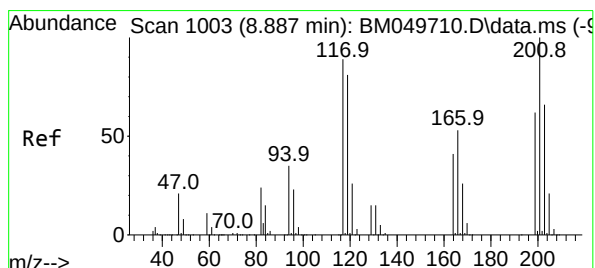
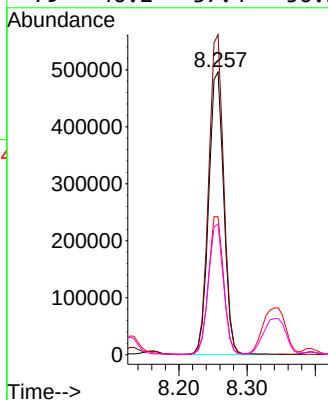
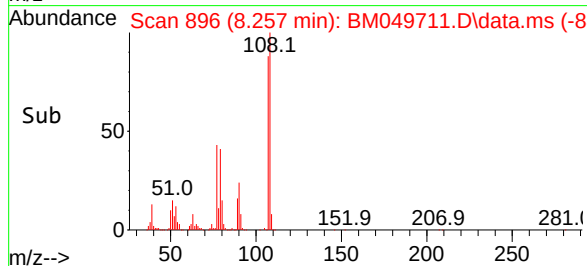
79 46.2 37.4 56.2

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#18

Hexachloroethane

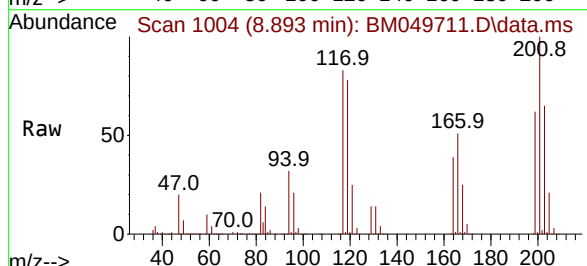
Concen: 51.375 ng

RT: 8.893 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19



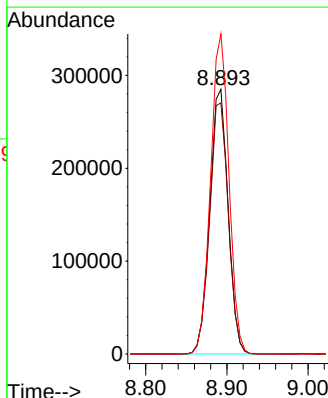
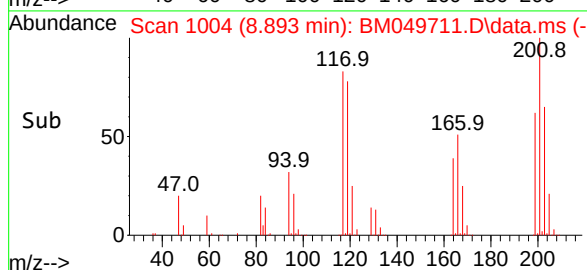
Tgt Ion:117 Resp: 447960

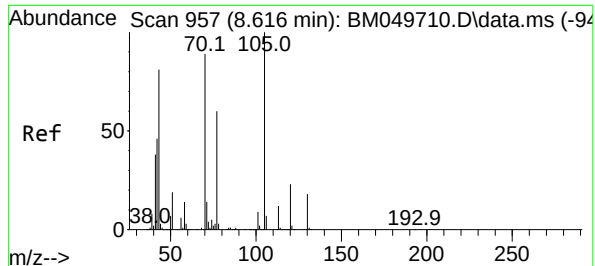
Ion Ratio Lower Upper

117 100

119 94.9 73.1 109.7

201 121.0 90.0 135.0





#19

n-Nitroso-di-n-propylamine

Concen: 52.245 ng

RT: 8.616 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 773184

Ion Ratio Lower Upper

70 100

42 50.7 41.8 62.6

101 9.0 7.7 11.5

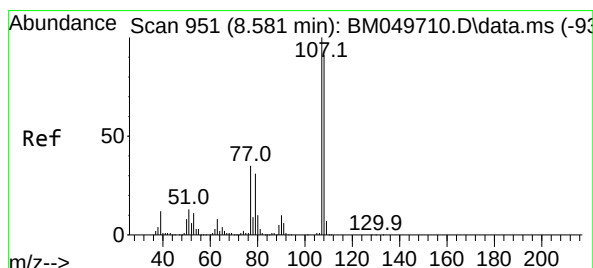
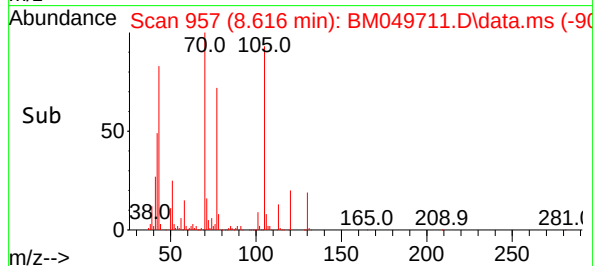
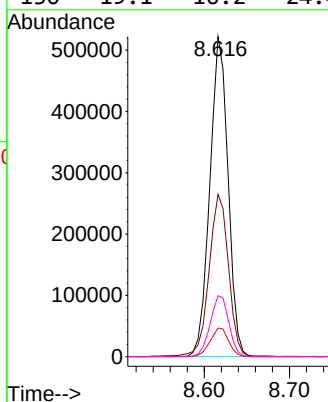
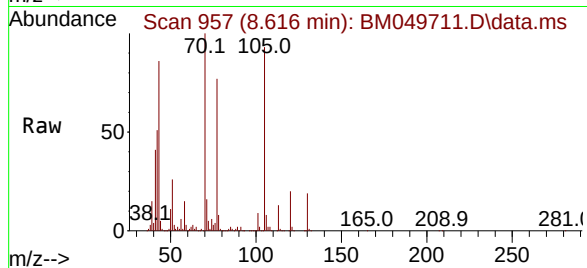
130 19.1 16.2 24.4

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#20

3+4-Methylphenols

Concen: 51.528 ng

RT: 8.581 min Scan# 951

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Tgt Ion:107 Resp: 1014565

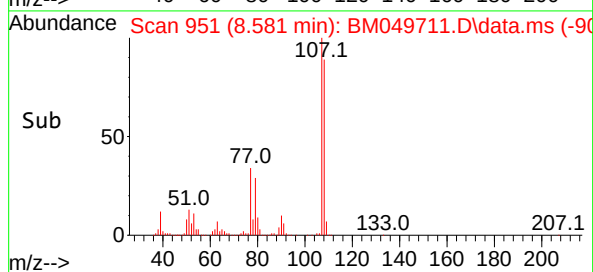
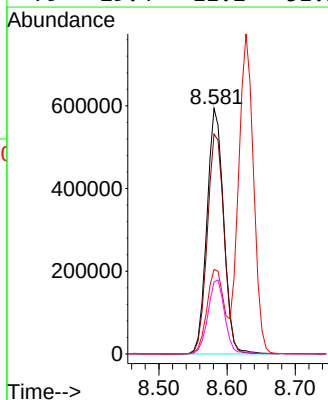
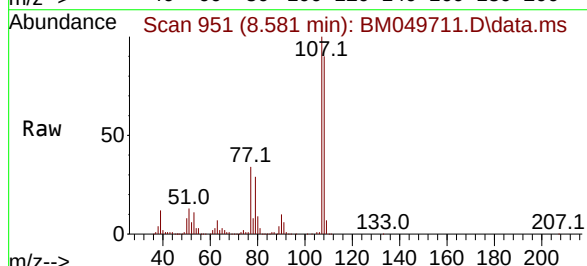
Ion Ratio Lower Upper

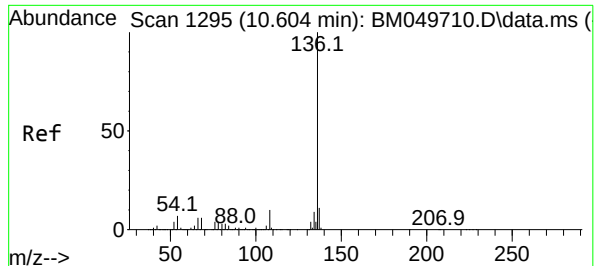
107 100

108 89.5 71.0 111.0

77 34.4 15.1 55.1

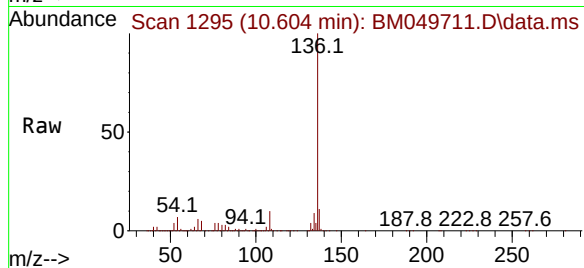
79 29.4 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

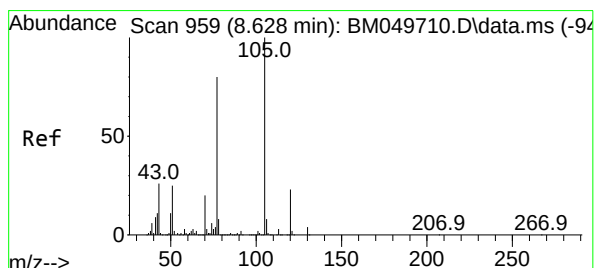
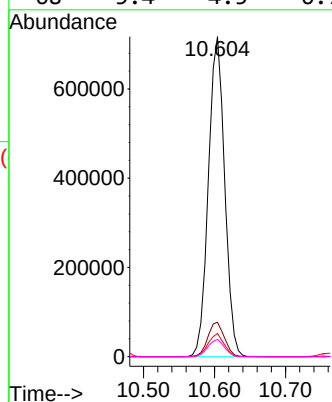
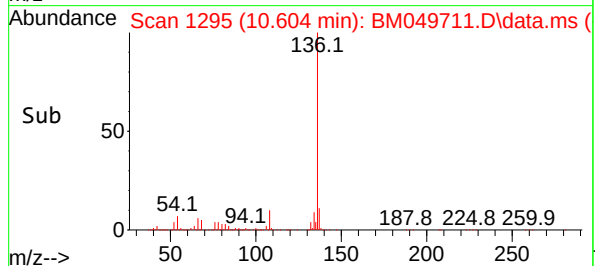
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 114286
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.3 5.8 8.8
68 5.4 4.5 6.7

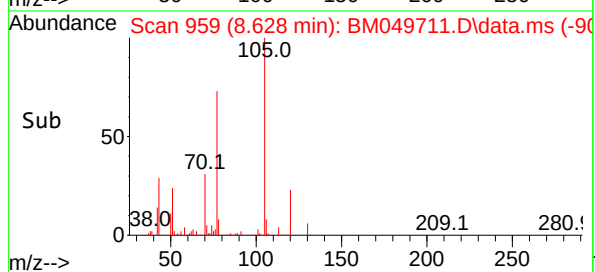
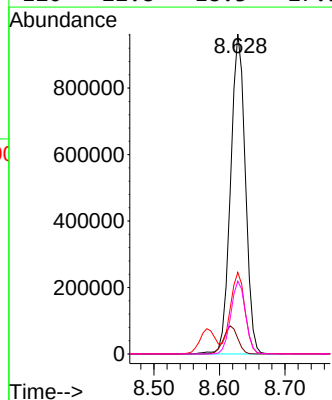
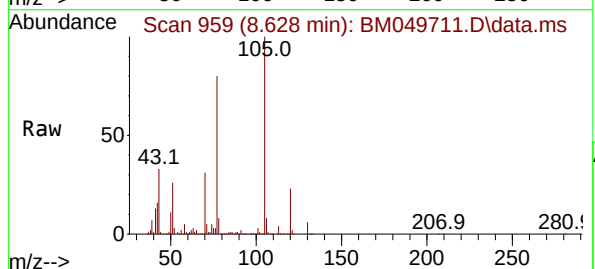
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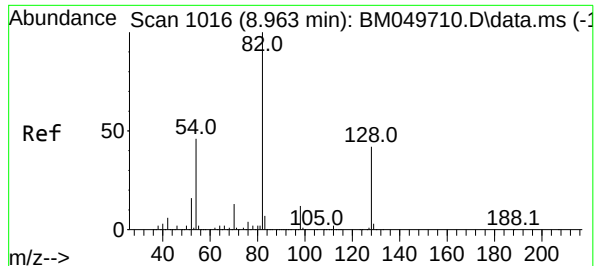
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#22
Acetophenone
Concen: 51.088 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

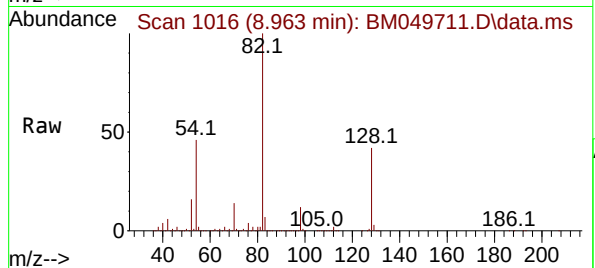
Tgt Ion:105 Resp: 1505469
Ion Ratio Lower Upper
105 100
71 4.9 2.5 3.7#
51 25.5 19.9 29.9
120 22.8 18.3 27.5





#23
Nitrobenzene-d5
Concen: 103.536 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

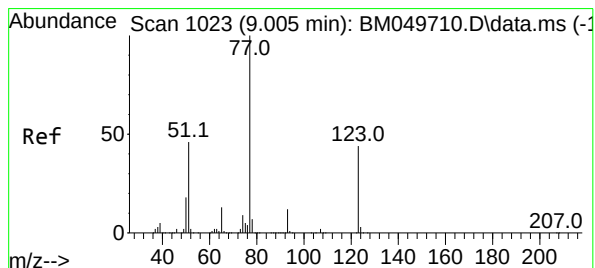
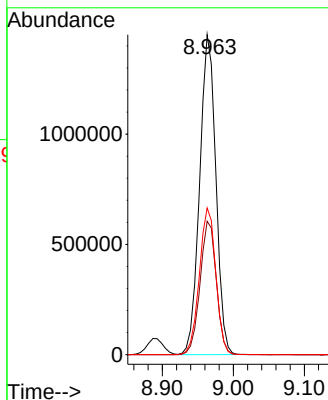
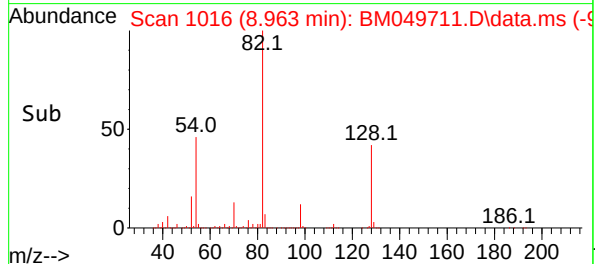
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 2304709
Ion Ratio Lower Upper
82 100
128 41.7 33.4 50.0
54 45.8 36.4 54.6

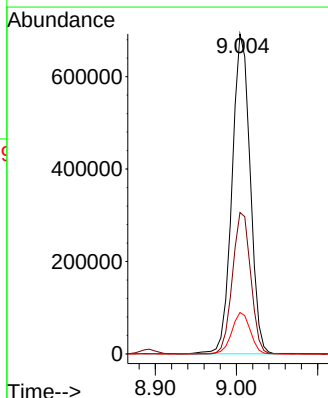
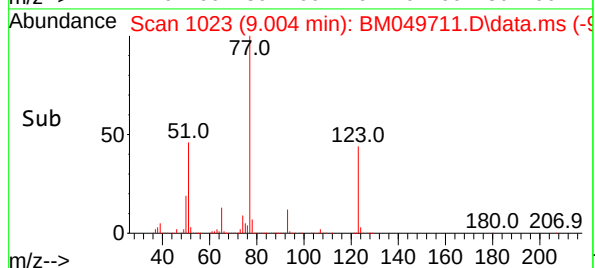
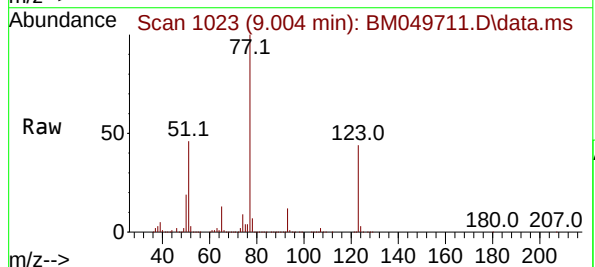
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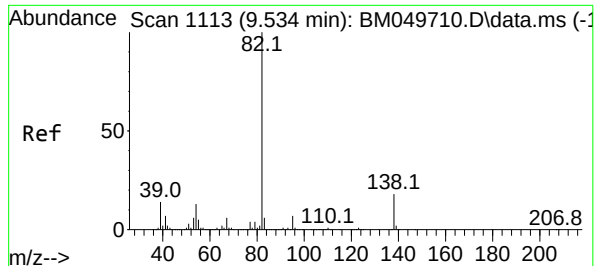
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#24
Nitrobenzene
Concen: 51.028 ng
RT: 9.004 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

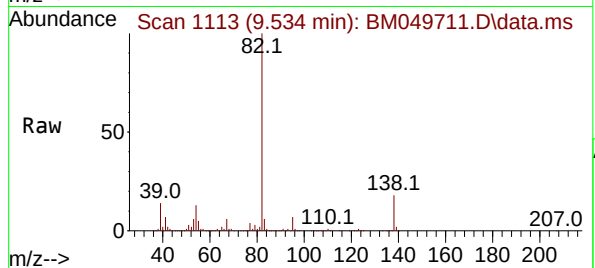
Tgt Ion: 77 Resp: 1071054
Ion Ratio Lower Upper
77 100
123 44.2 34.9 52.3
65 13.0 10.6 15.8





#25
Isophorone
Concen: 51.772 ng
RT: 9.534 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

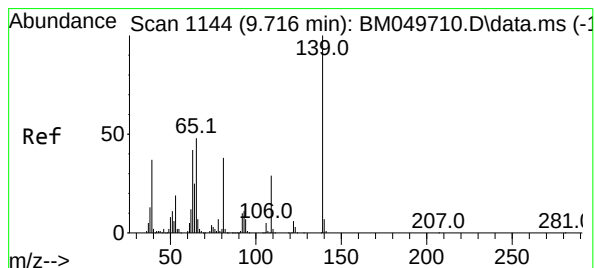
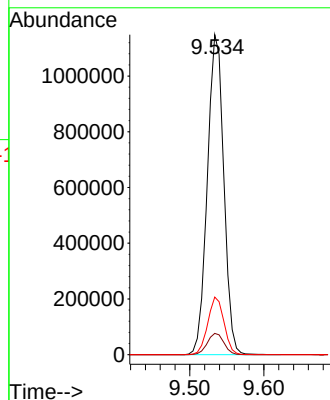
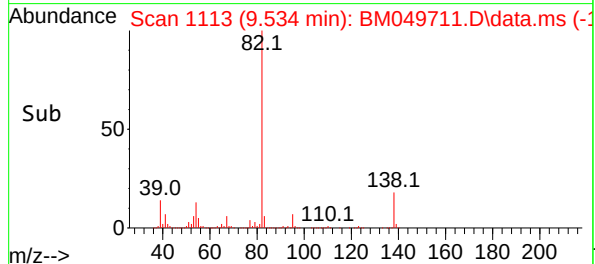
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 176940
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.0 14.4 21.6

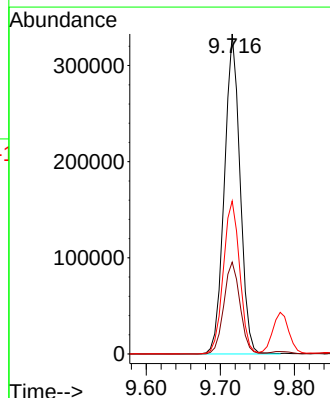
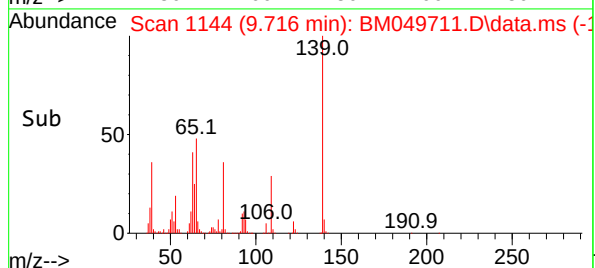
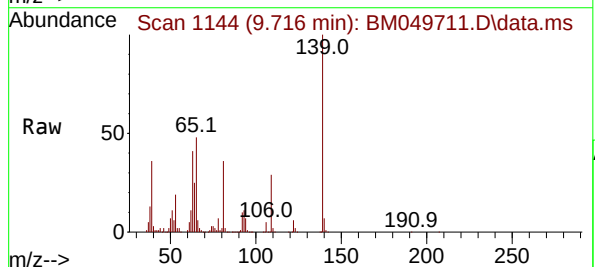
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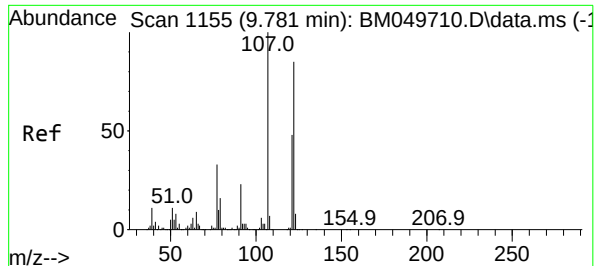
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#26
2-Nitrophenol
Concen: 54.709 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

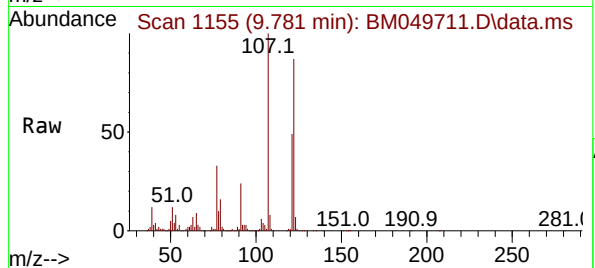
Tgt Ion:139 Resp: 488752
Ion Ratio Lower Upper
139 100
109 28.7 23.3 34.9
65 47.8 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 52.413 ng
RT: 9.781 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

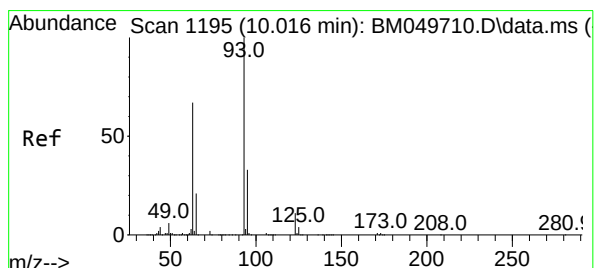
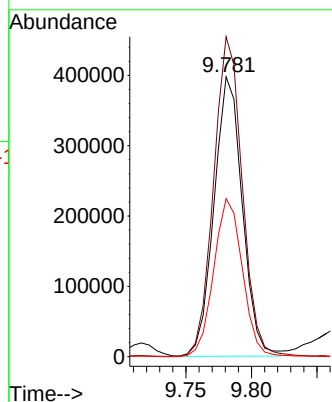
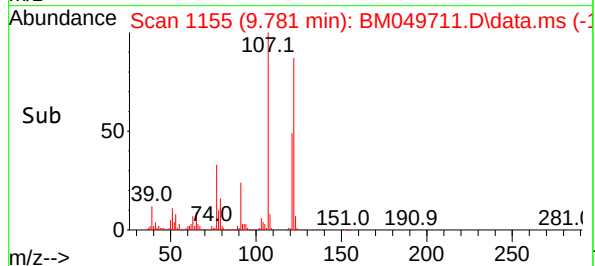
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:122 Resp: 59600
Ion Ratio Lower Upper
122 100
107 114.4 94.3 141.5
121 56.5 45.4 68.2

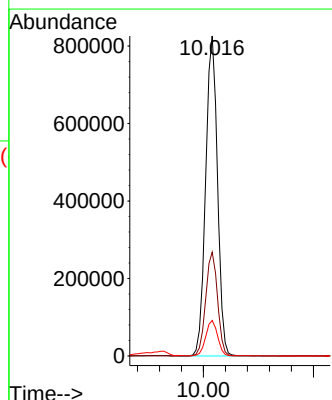
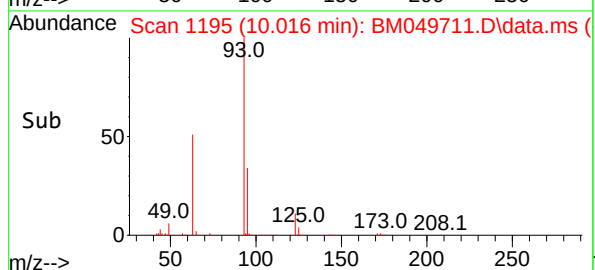
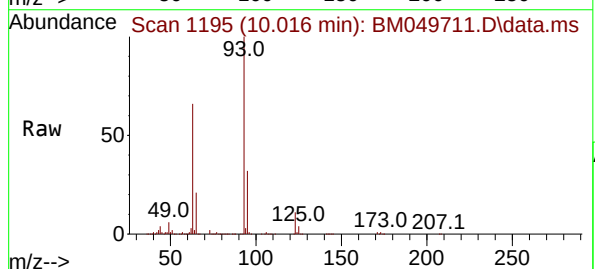
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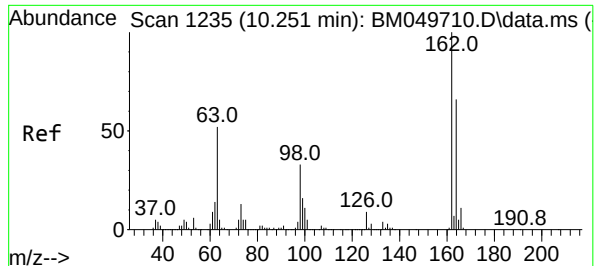
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 51.115 ng
RT: 10.016 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion: 93 Resp: 1230419
Ion Ratio Lower Upper
93 100
95 32.4 26.6 40.0
123 11.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 52.725 ng

RT: 10.251 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 97696

Ion Ratio Lower Upper

162 100

164 63.6 46.3 86.3

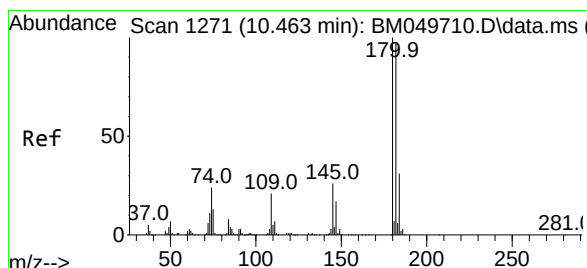
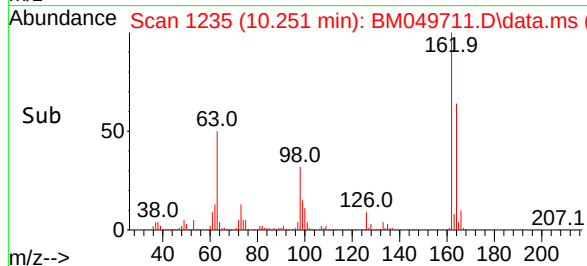
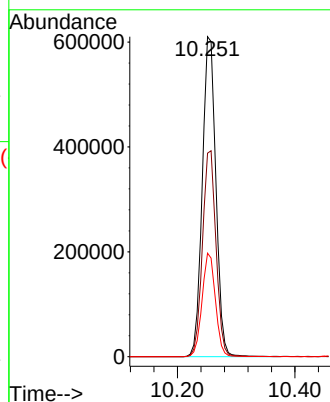
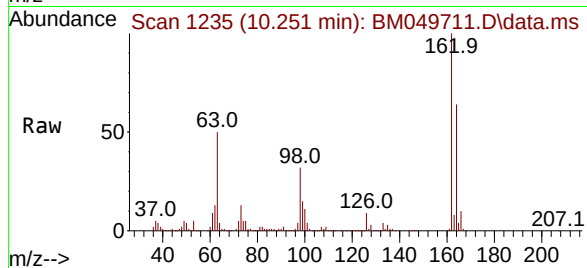
98 32.4 12.8 52.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.972 ng

RT: 10.469 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

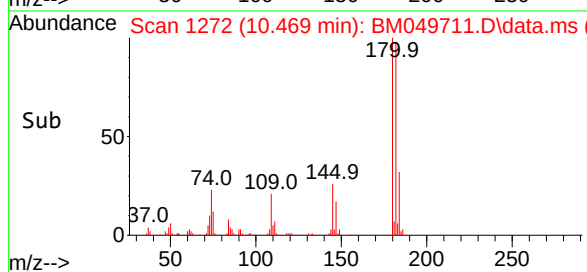
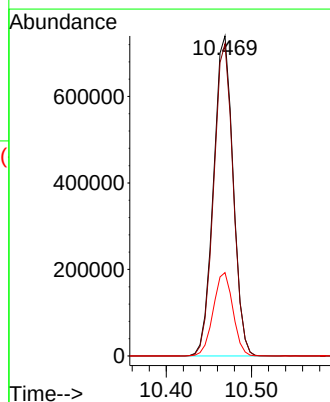
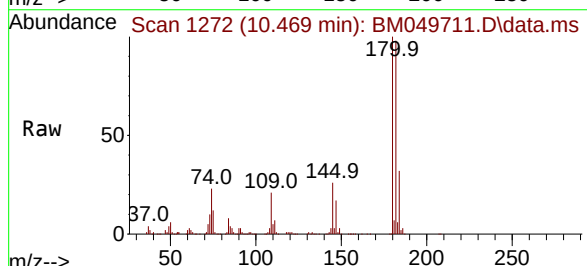
Tgt Ion:180 Resp: 1181673

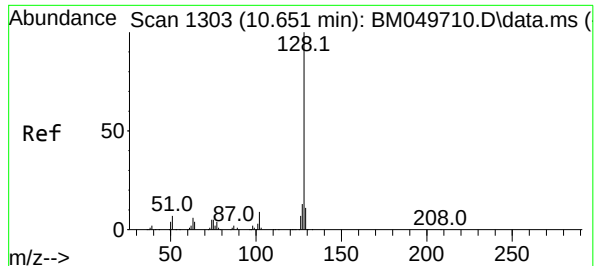
Ion Ratio Lower Upper

180 100

182 97.6 77.7 116.5

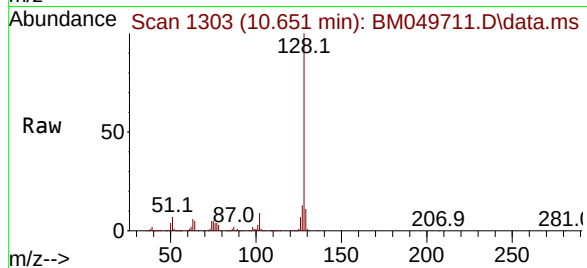
145 26.0 21.0 31.4





#31
Naphthalene
Concen: 51.466 ng
RT: 10.651 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

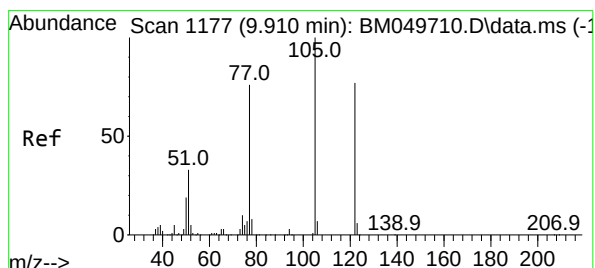
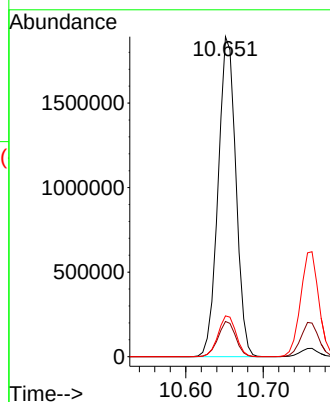
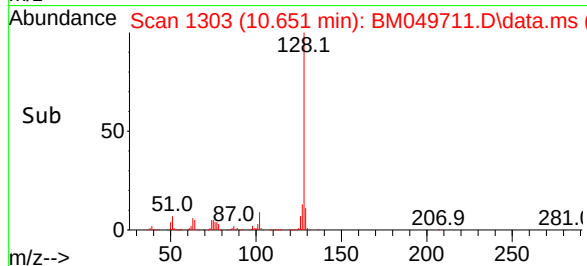
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 302446
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.7 10.4 15.6

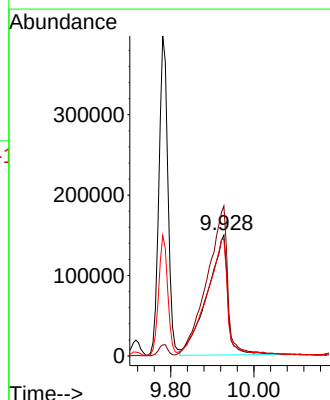
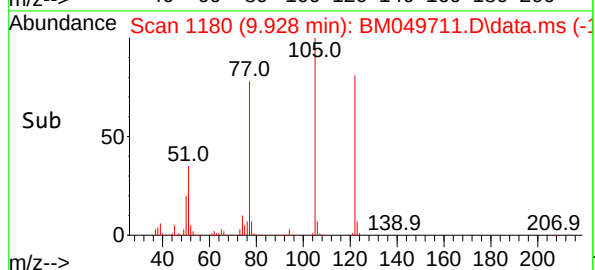
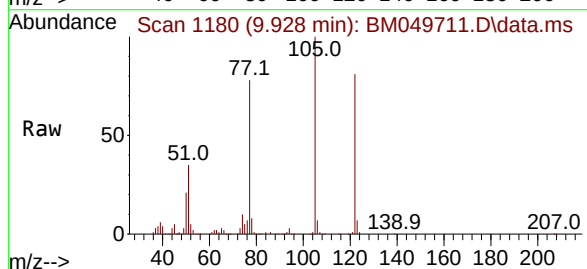
Manual Integrations
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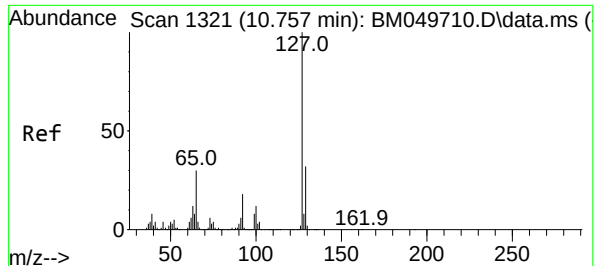
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#32
Benzoic acid
Concen: 52.834 ng
RT: 9.928 min Scan# 1180
Delta R.T. 0.018 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

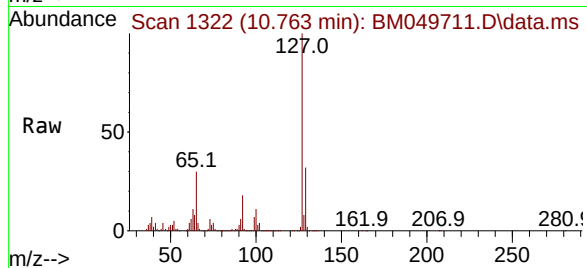
Tgt Ion:122 Resp: 511116
Ion Ratio Lower Upper
122 100
105 124.2 105.6 145.6
77 96.9 76.9 116.9





#33
4-Chloroaniline
Concen: 50.809 ng
RT: 10.763 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

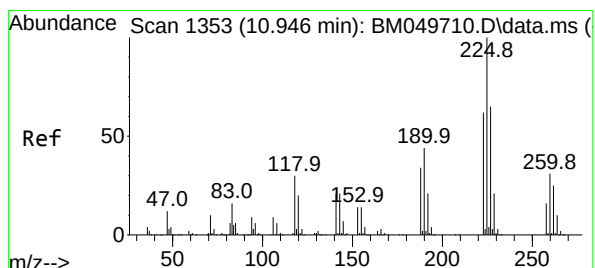
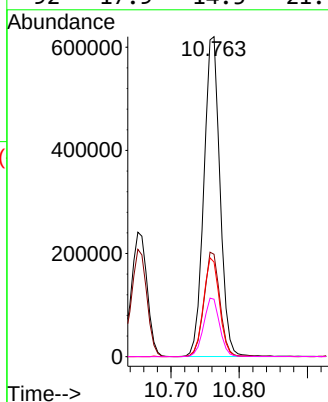
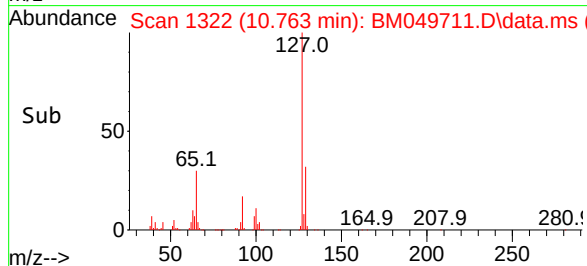
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



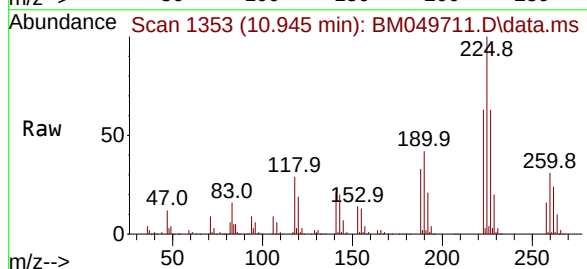
Tgt Ion:127 Resp: 1019020
Ion Ratio Lower Upper
127 100
129 32.0 25.7 38.5
65 29.6 24.1 36.1
92 17.9 14.5 21.7

Manual Integrations
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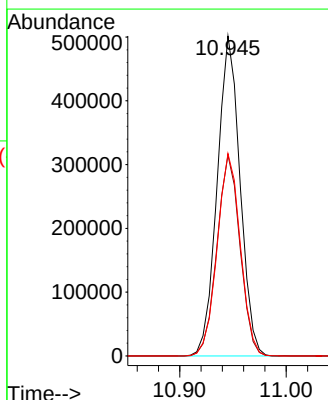
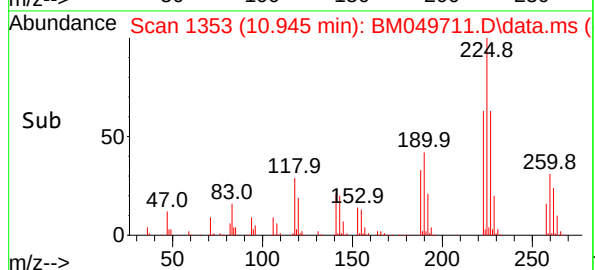
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

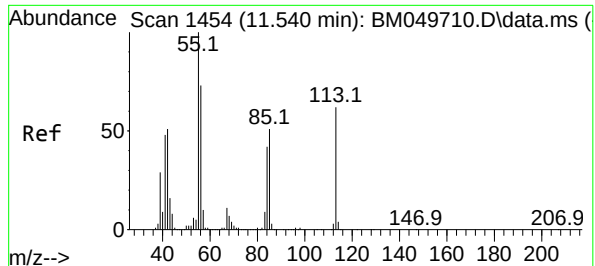


#34
Hexachlorobutadiene
Concen: 52.109 ng
RT: 10.945 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



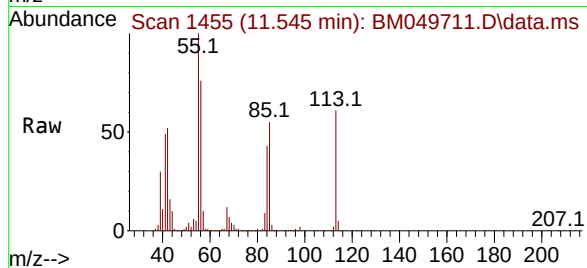
Tgt Ion:225 Resp: 745756
Ion Ratio Lower Upper
225 100
223 62.8 49.8 74.8
227 63.3 52.1 78.1





#35
Caprolactam
Concen: 52.681 ng
RT: 11.545 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

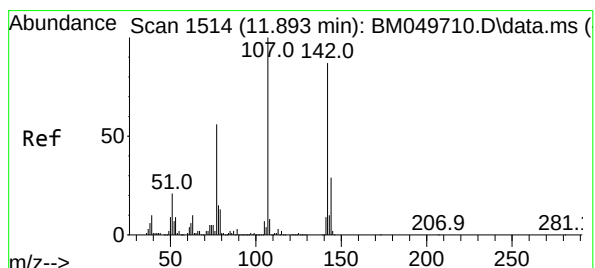
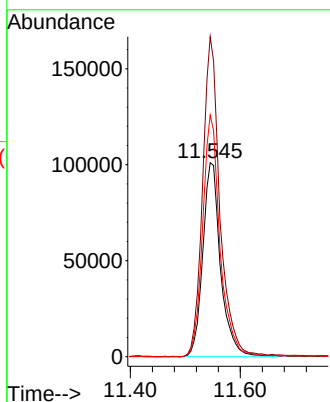
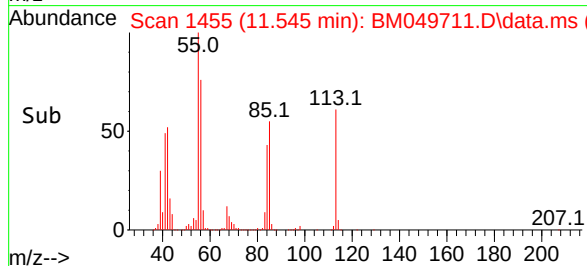
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 22663
Ion Ratio Lower Upper
113 100
55 165.0 141.8 181.8
56 124.7 98.0 138.0

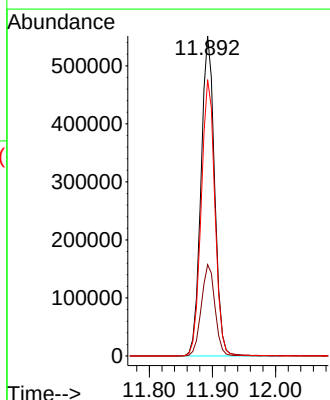
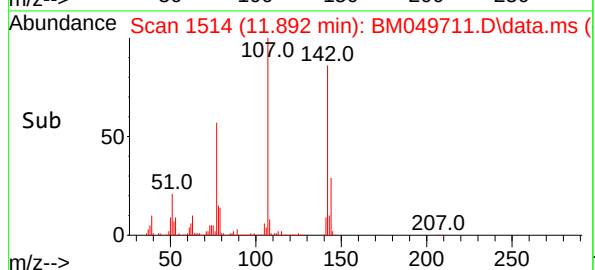
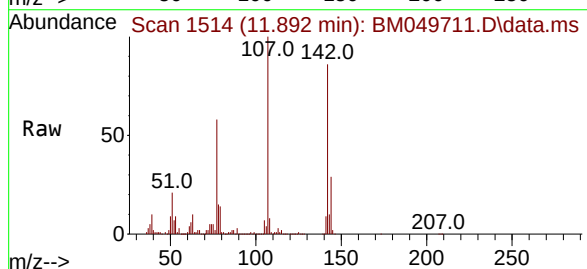
Manual Integrations
APPROVED

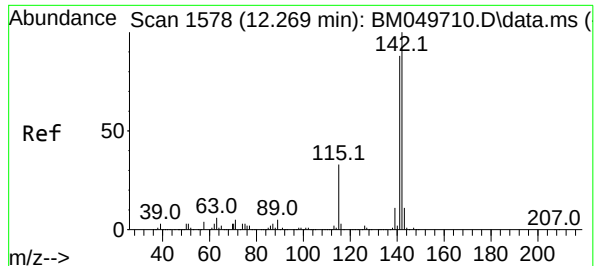
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#36
4-Chloro-3-methylphenol
Concen: 51.921 ng
RT: 11.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

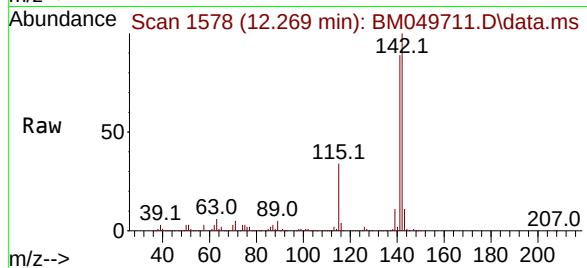
Tgt Ion:107 Resp: 825613
Ion Ratio Lower Upper
107 100
144 28.6 23.0 34.6
142 86.4 69.8 104.8





#37
2-Methylnaphthalene
Concen: 51.096 ng
RT: 12.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

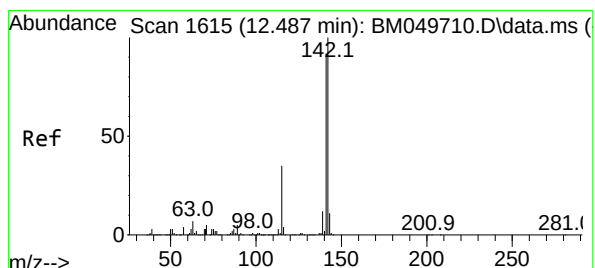
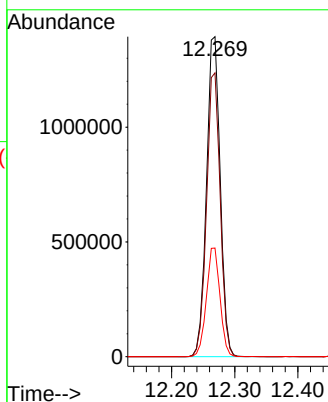
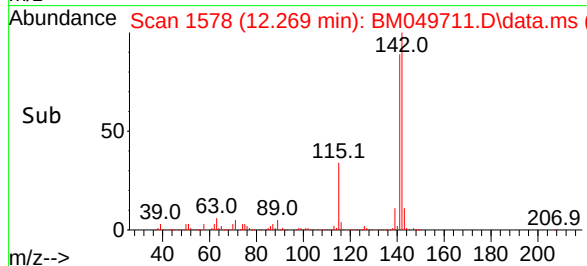
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



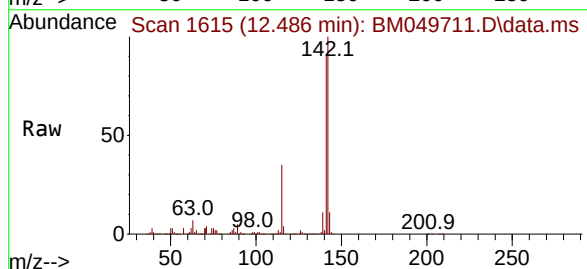
Tgt Ion:142 Resp: 2099664
Ion Ratio Lower Upper
142 100
141 88.7 70.5 105.7
115 34.0 26.5 39.7

Manual Integrations
APPROVED

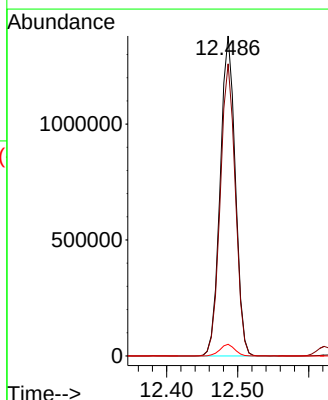
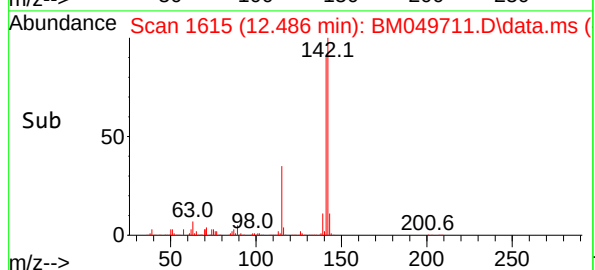
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

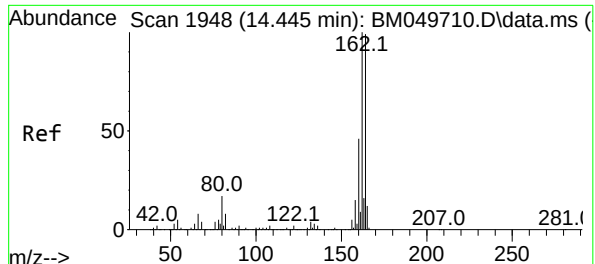


#38
1-Methylnaphthalene
Concen: 51.260 ng
RT: 12.486 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



Tgt Ion:142 Resp: 2032245
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2
116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BM049711.D

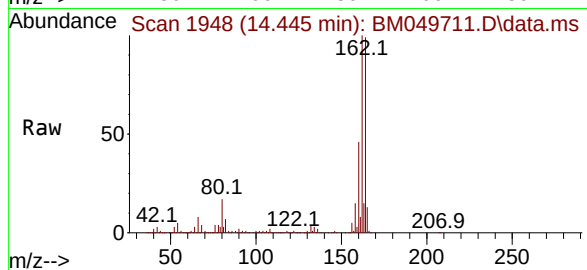
Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 67606

Ion Ratio Lower Upper

164 100

162 101.0 80.5 120.7

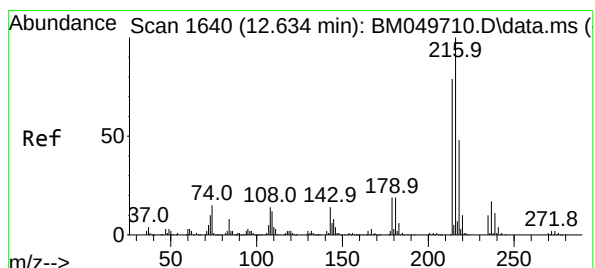
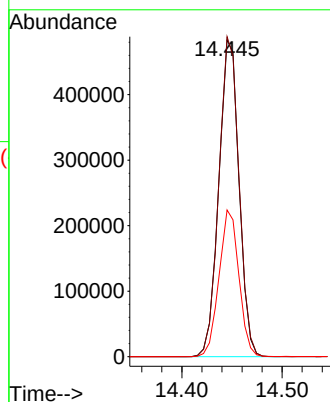
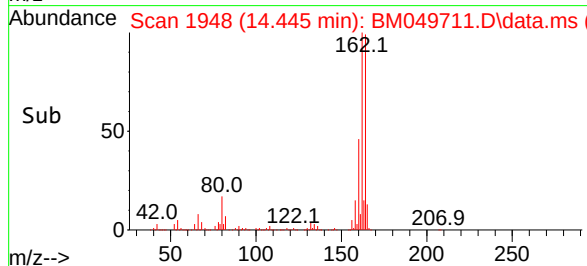
160 46.3 36.9 55.3

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.168 ng

RT: 12.633 min Scan# 1640

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Tgt Ion:216 Resp: 1320335

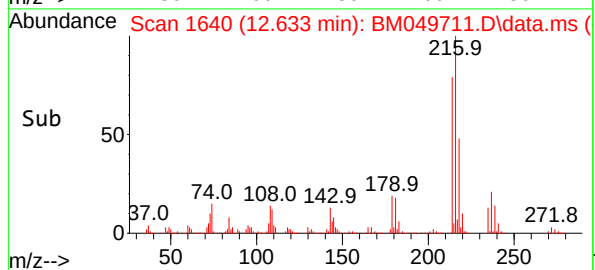
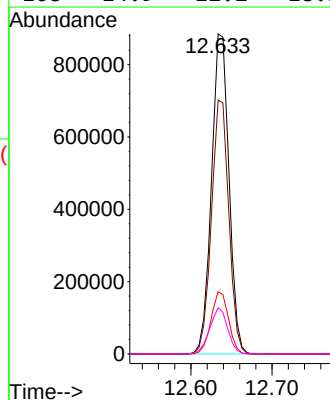
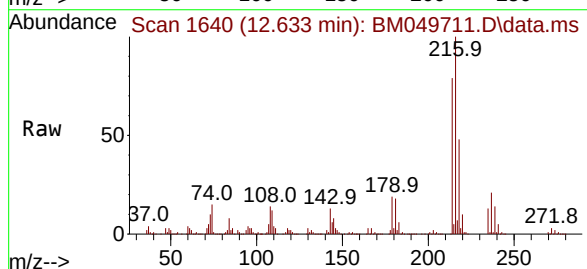
Ion Ratio Lower Upper

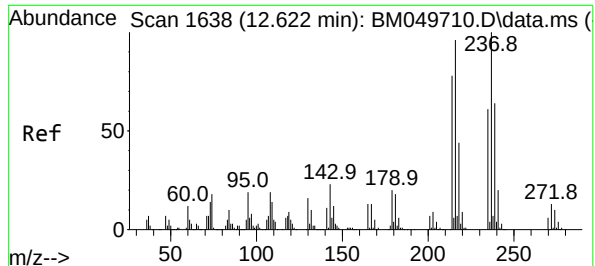
216 100

214 78.9 63.5 95.3

179 19.4 15.7 23.5

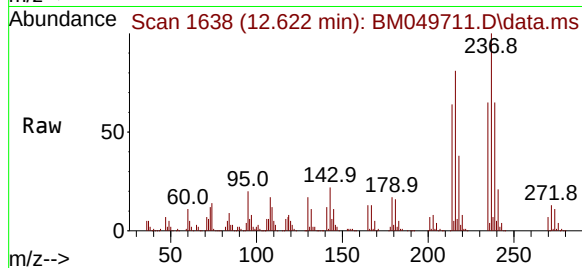
108 14.9 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 55.050 ng
RT: 12.622 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

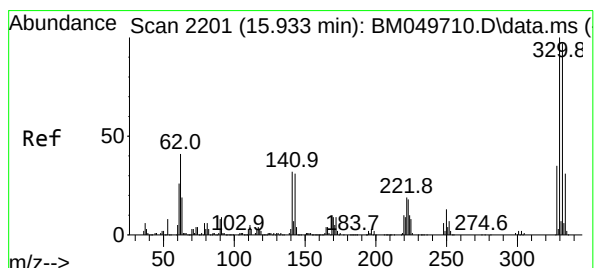
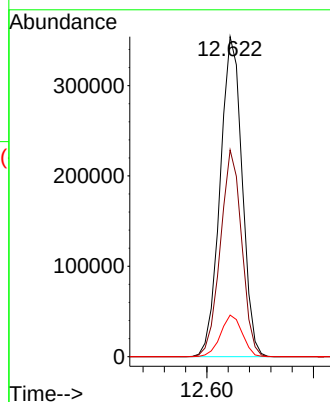
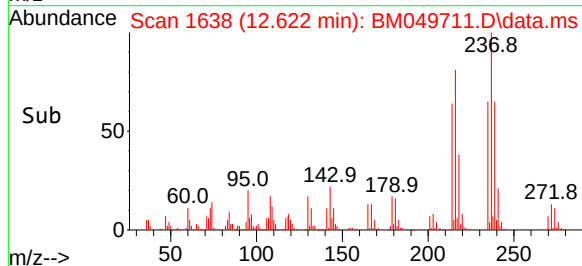
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



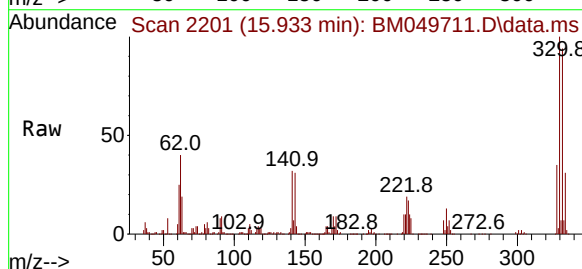
Tgt Ion:237 Resp: 50645
Ion Ratio Lower Upper
237 100
235 64.6 41.1 81.1
272 13.0 0.0 32.5

Manual Integrations
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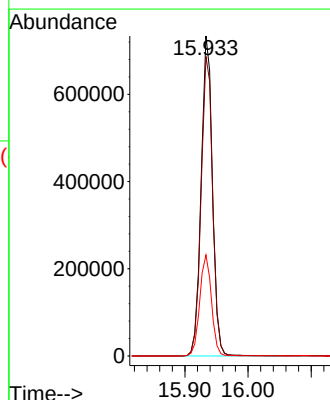
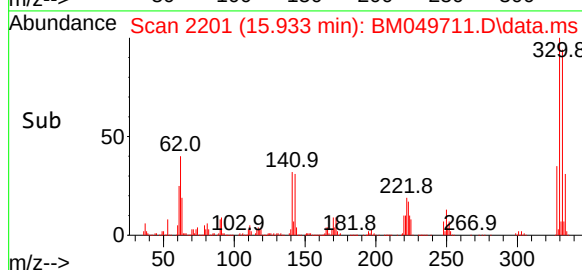
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

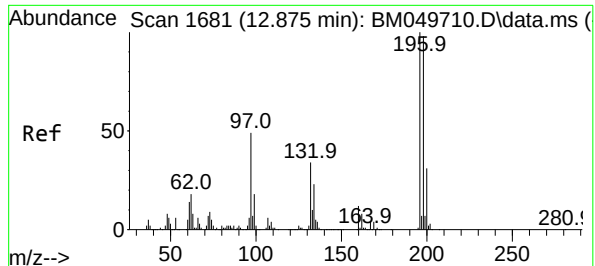


#42
2,4,6-Tribromophenol
Concen: 115.476 ng
RT: 15.933 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



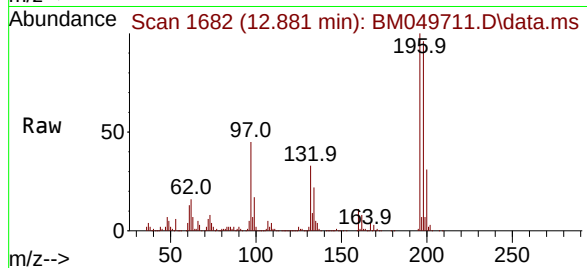
Tgt Ion:330 Resp: 911616
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.4
141 32.6 27.8 41.6





#43
2,4,6-Trichlorophenol
Concen: 54.496 ng
RT: 12.881 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

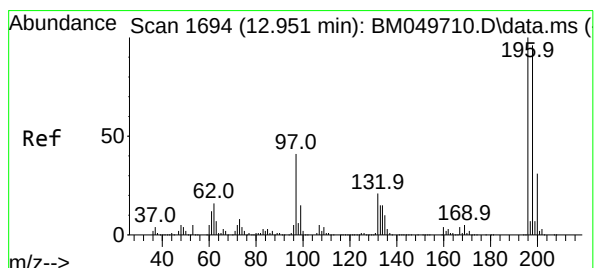
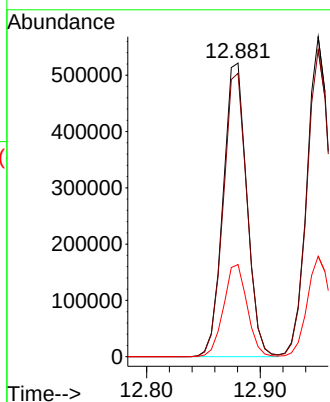
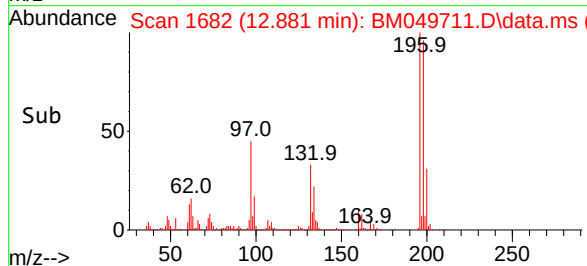
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:196 Resp: 757940
Ion Ratio Lower Upper
196 100
198 96.5 78.3 117.5
200 31.4 25.1 37.7

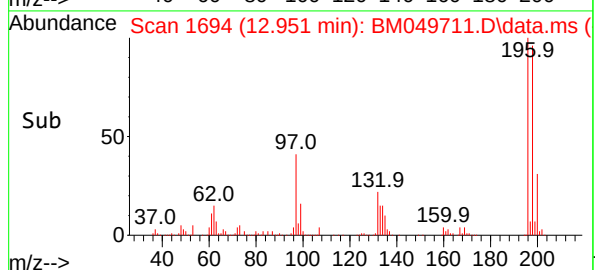
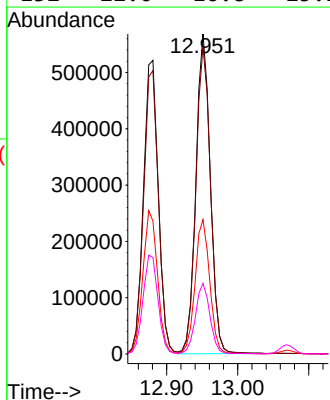
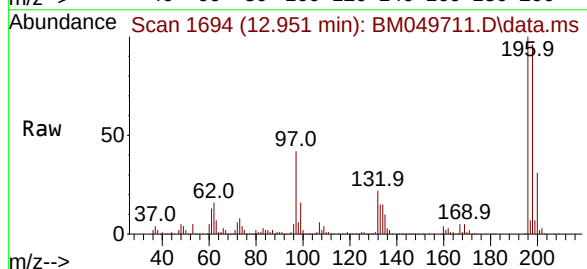
Manual Integrations
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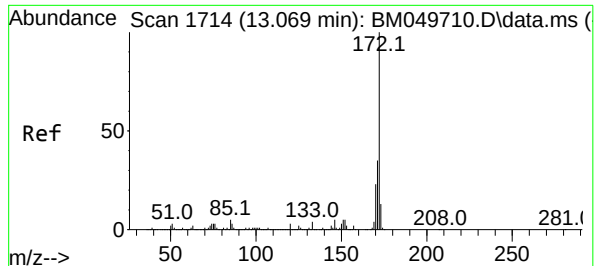
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#44
2,4,5-Trichlorophenol
Concen: 53.190 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:196 Resp: 807292
Ion Ratio Lower Upper
196 100
198 96.0 76.7 115.1
97 42.0 32.9 49.3
132 22.0 16.8 25.2





#45

2-Fluorobiphenyl

Concen: 106.213 ng

RT: 13.069 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BM049711.D

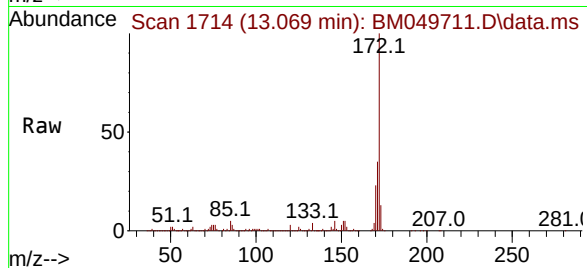
Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC050



Tgt Ion:172 Resp: 5733658

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

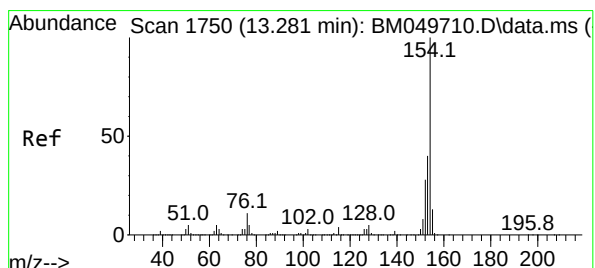
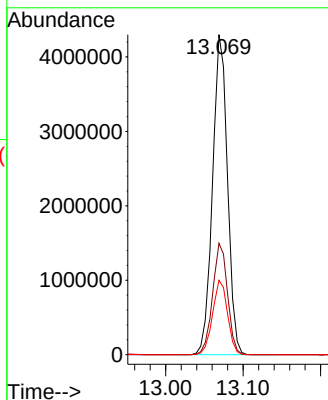
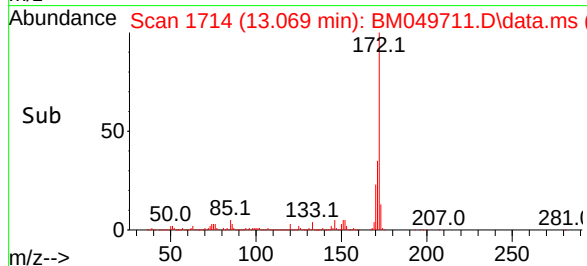
170 23.2 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#46

1,1'-Biphenyl

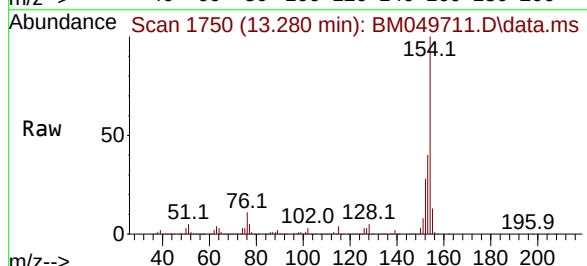
Concen: 52.107 ng

RT: 13.280 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19



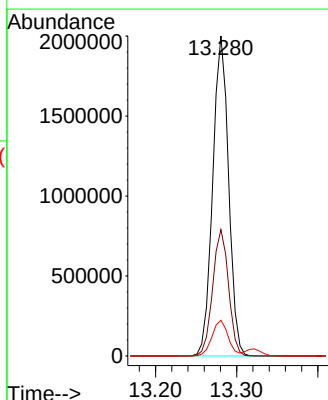
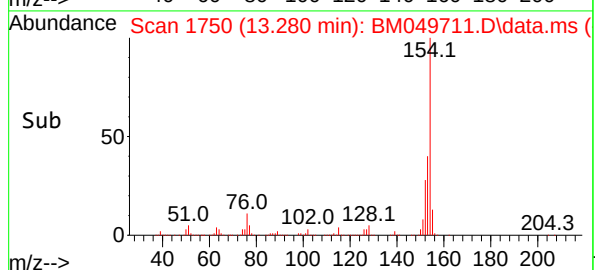
Tgt Ion:154 Resp: 2715061

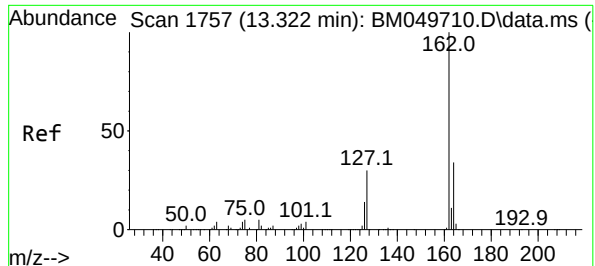
Ion Ratio Lower Upper

154 100

153 39.5 19.7 59.7

76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 51.855 ng

RT: 13.322 min Scan# 1757

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 2103079

Ion Ratio Lower Upper

162 100

127 33.4 25.8 38.6

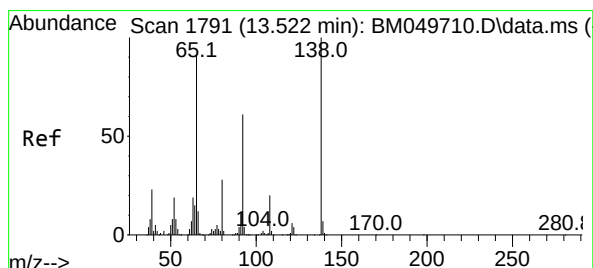
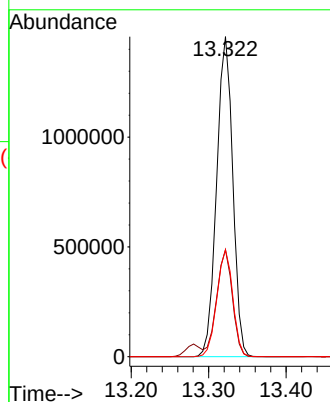
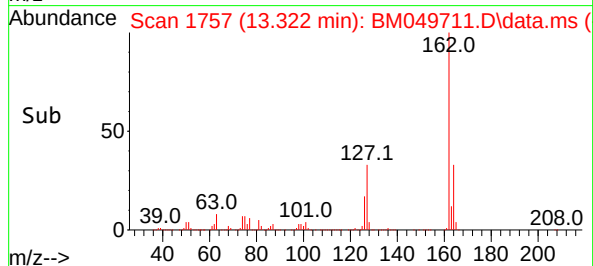
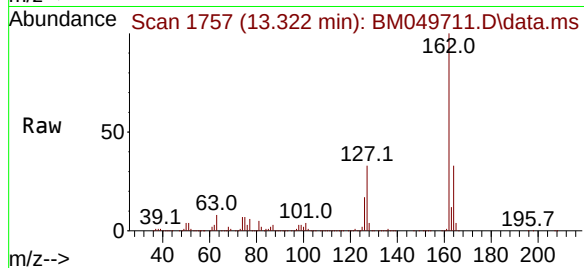
164 33.5 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#48

2-Nitroaniline

Concen: 54.532 ng

RT: 13.522 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

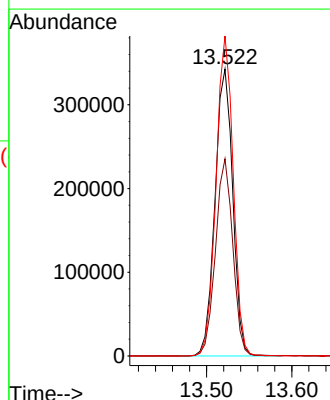
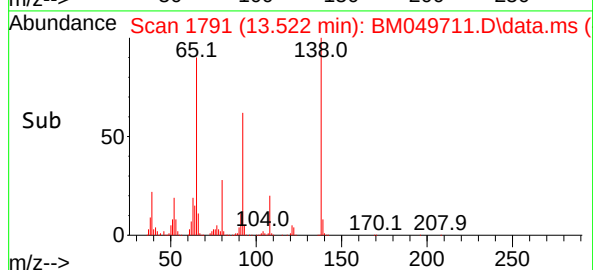
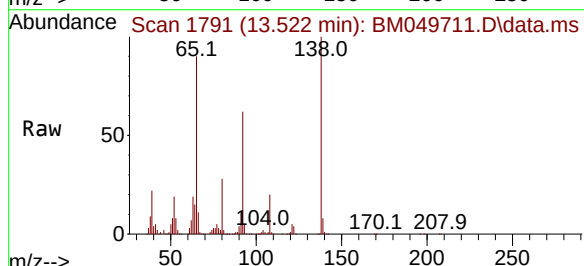
Tgt Ion: 65 Resp: 496484

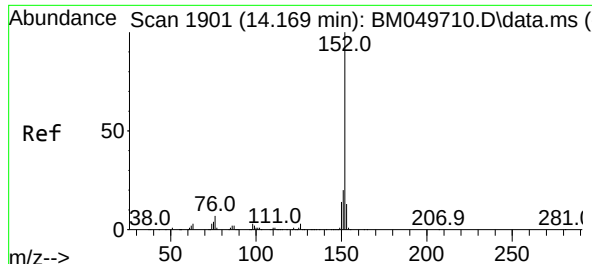
Ion Ratio Lower Upper

65 100

92 68.7 53.4 80.2

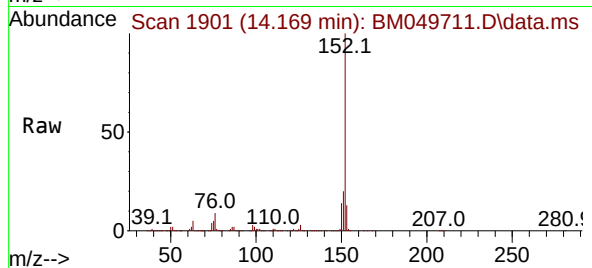
138 111.5 87.6 131.4





#49
Acenaphthylene
Concen: 52.334 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

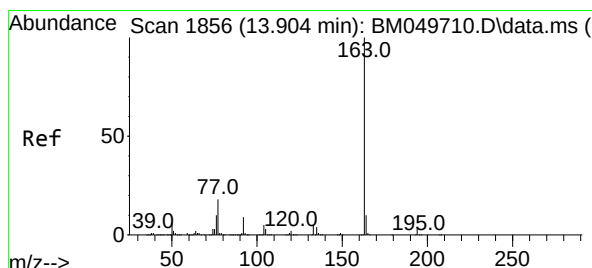
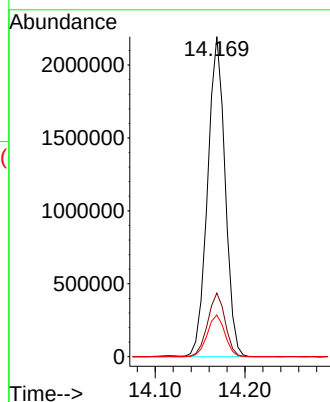
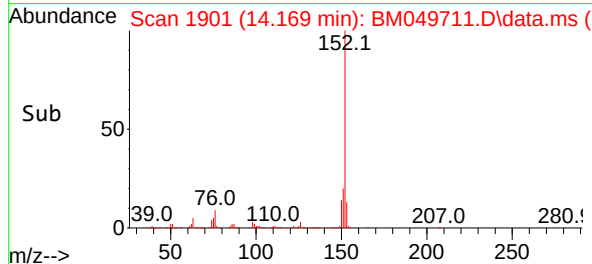
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 2966785
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.1 10.2 15.4

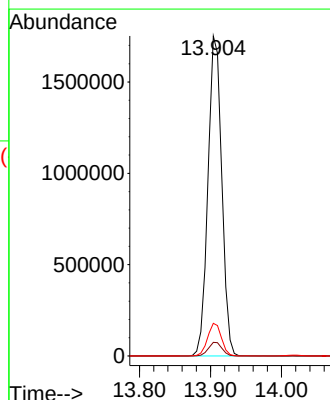
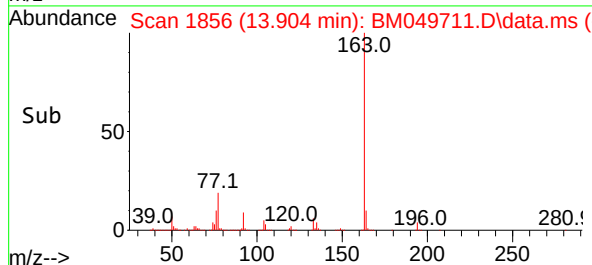
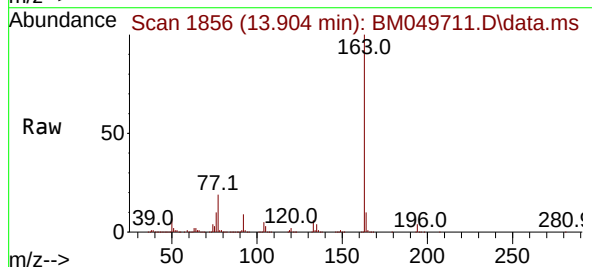
Manual Integrations
APPROVED

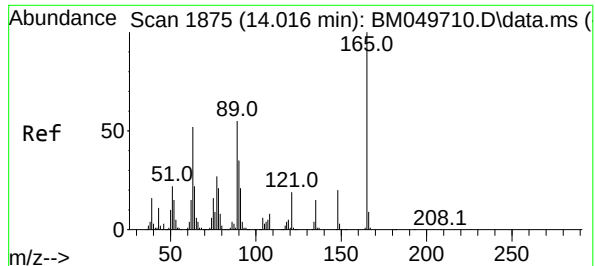
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#50
Dimethylphthalate
Concen: 50.900 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

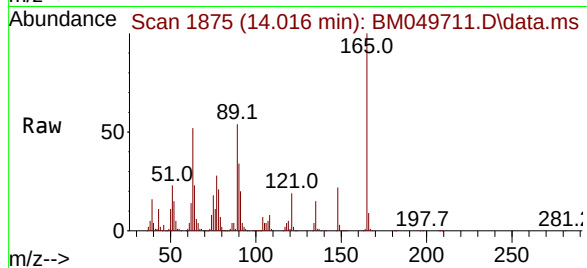
Tgt Ion:163 Resp: 2369244
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.253 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

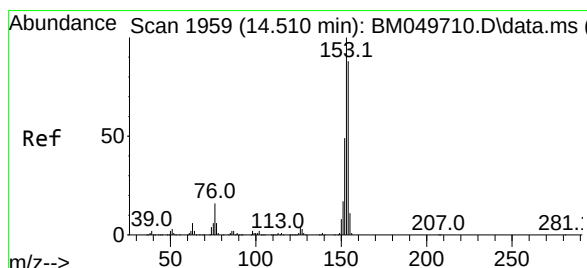
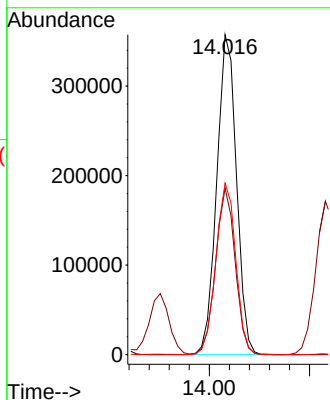
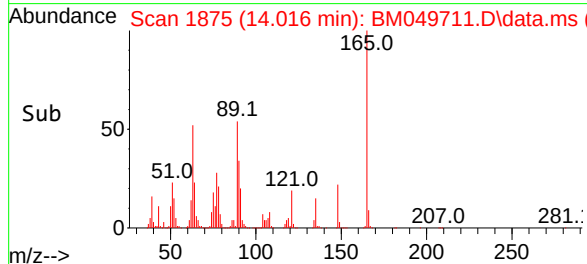
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 487340
Ion Ratio Lower Upper
165 100
63 52.0 42.3 63.5
89 53.6 43.9 65.9

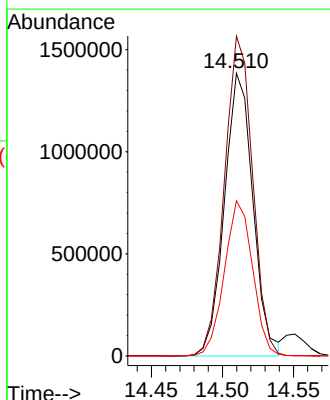
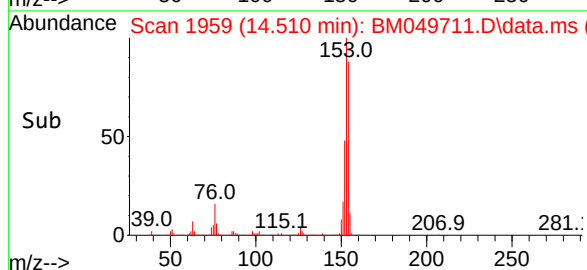
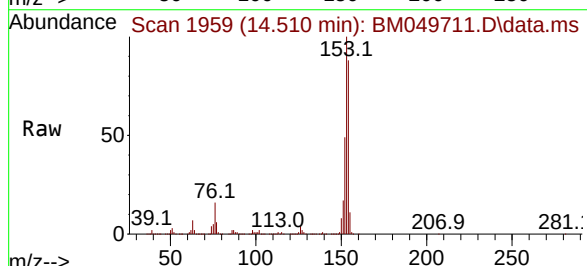
Manual Integrations
APPROVED

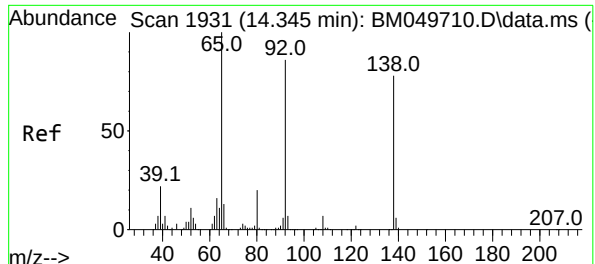
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#52
Acenaphthene
Concen: 52.126 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

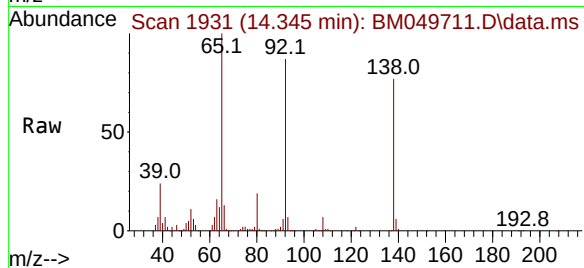
Tgt Ion:154 Resp: 1935920
Ion Ratio Lower Upper
154 100
153 113.2 90.4 135.6
152 54.9 44.2 66.2





#53
3-Nitroaniline
Concen: 52.794 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

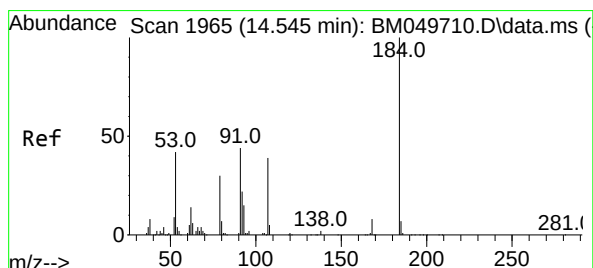
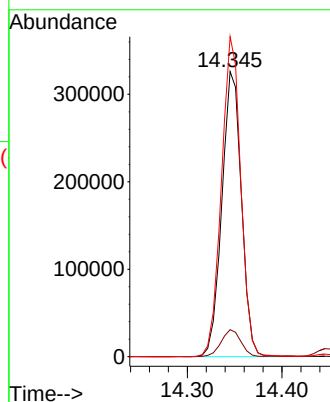
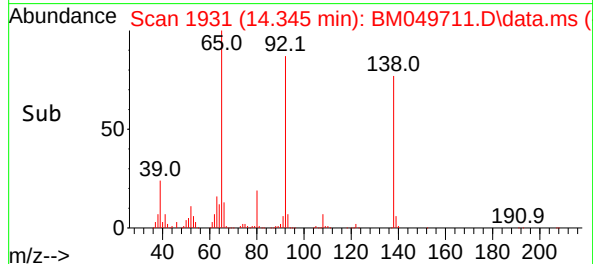
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



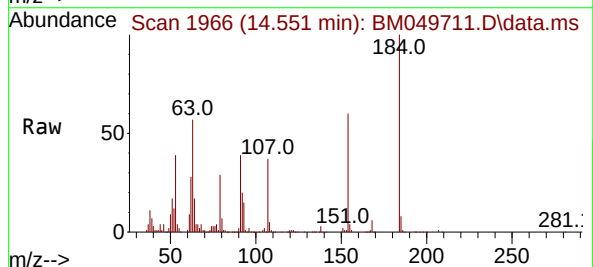
Tgt Ion:138 Resp: 468558
Ion Ratio Lower Upper
138 100
108 9.5 7.5 11.3
92 112.2 88.0 132.0

Manual Integrations
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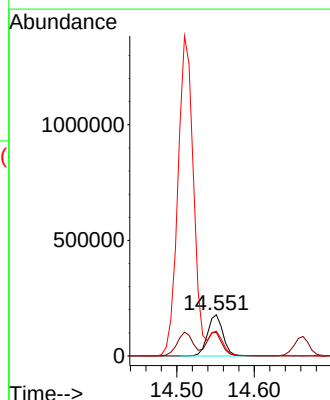
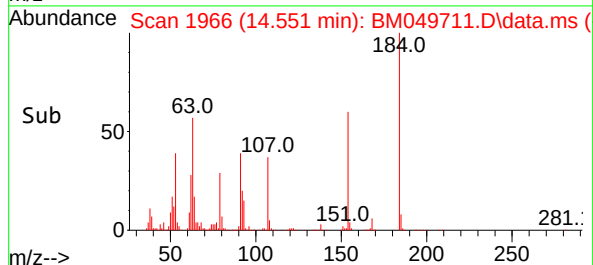
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

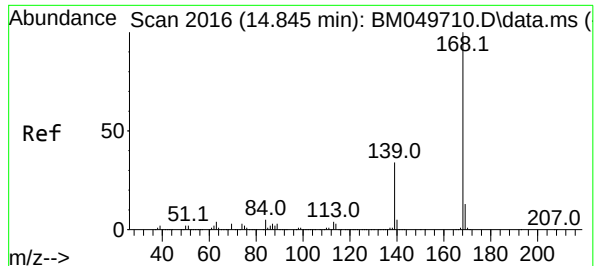


#54
2,4-Dinitrophenol
Concen: 49.851 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



Tgt Ion:184 Resp: 245877
Ion Ratio Lower Upper
184 100
63 57.0 47.2 70.8
154 60.1 49.9 74.9





#55

Dibenzenofuran

Concen: 51.347 ng

RT: 14.845 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 318158

Ion Ratio Lower Upper

168 100

139 33.9 27.4 41.0

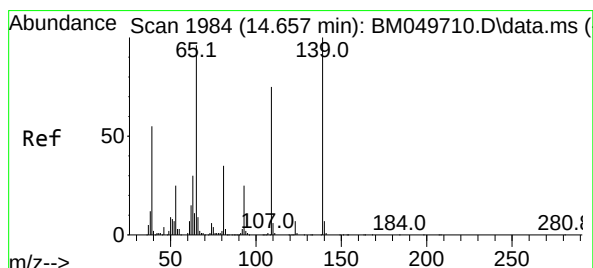
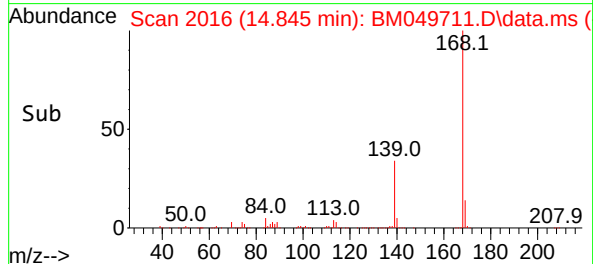
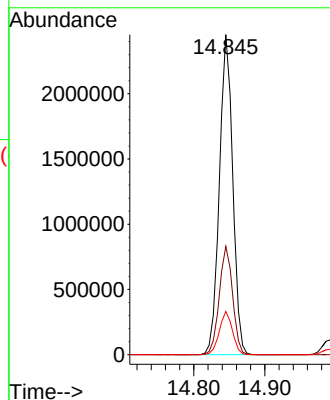
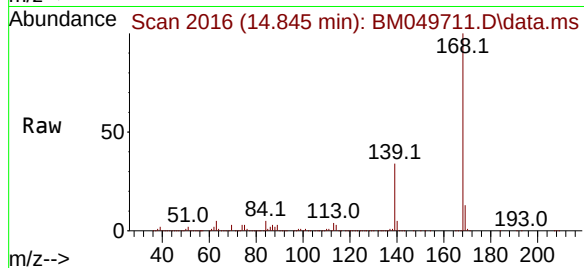
169 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#56

4-Nitrophenol

Concen: 50.845 ng

RT: 14.663 min Scan# 1985

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

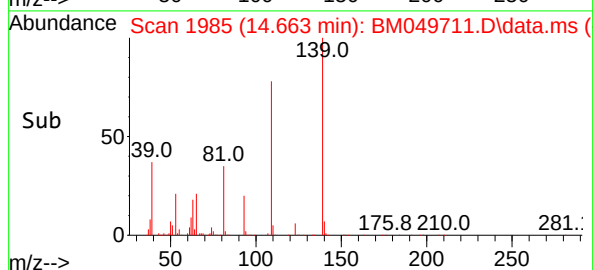
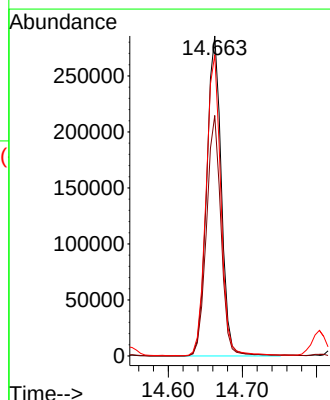
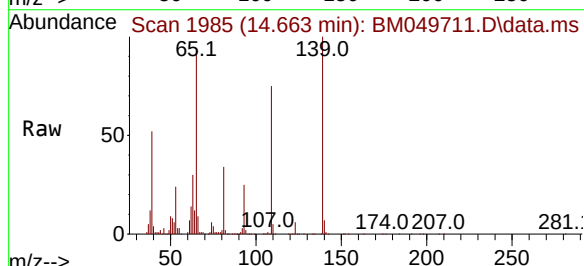
Tgt Ion:139 Resp: 392805

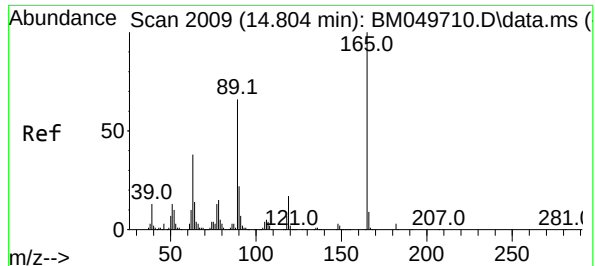
Ion Ratio Lower Upper

139 100

109 75.2 54.7 94.7

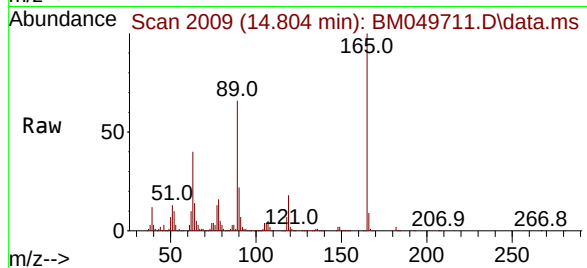
65 94.1 76.2 116.2





#57
2,4-Dinitrotoluene
Concen: 53.361 ng
RT: 14.804 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

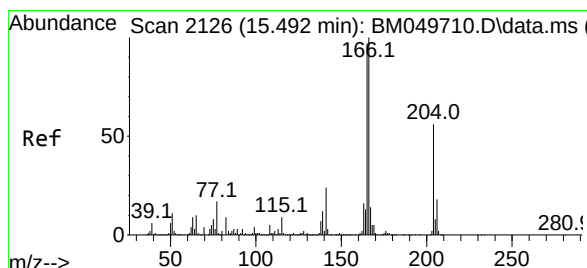
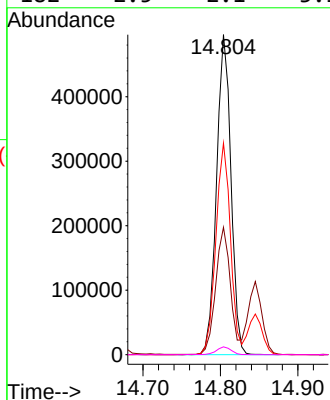
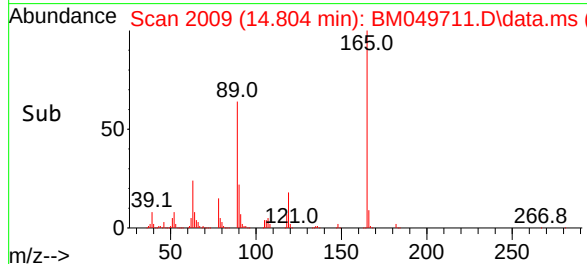
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 64040
Ion Ratio Lower Upper
165 100
63 39.8 30.8 46.2
89 66.1 53.1 79.7
182 2.5 2.1 3.1

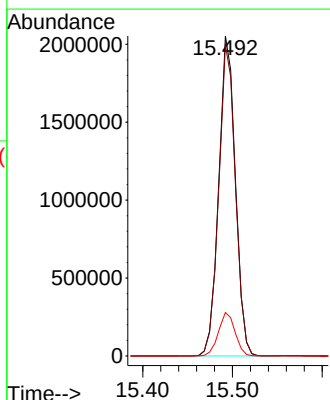
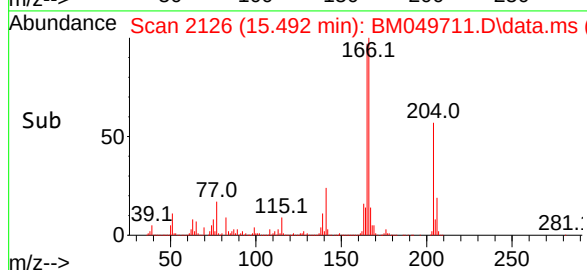
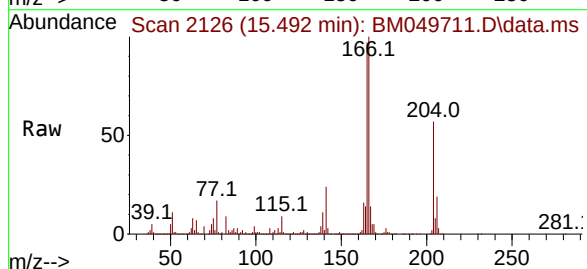
Manual Integrations
APPROVED

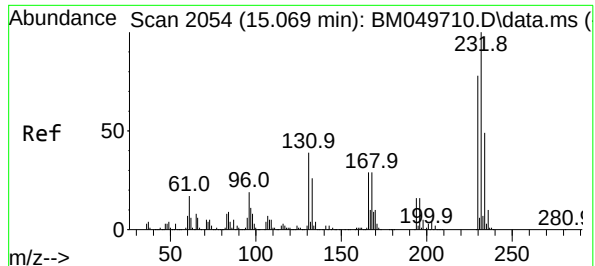
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#58
Fluorene
Concen: 52.414 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

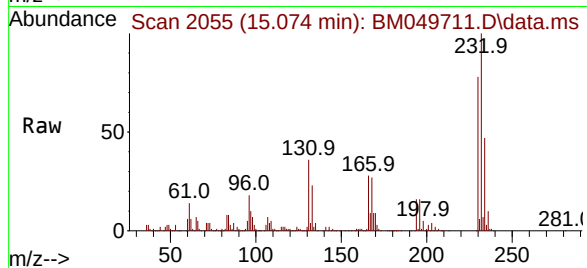
Tgt Ion:166 Resp: 2644175
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.395 ng
RT: 15.074 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

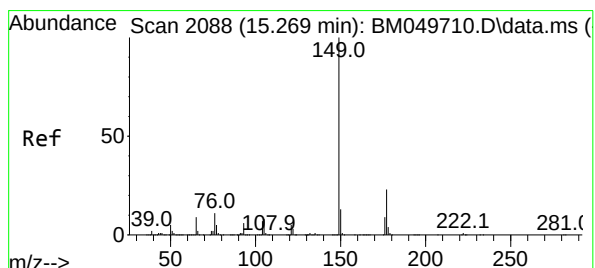
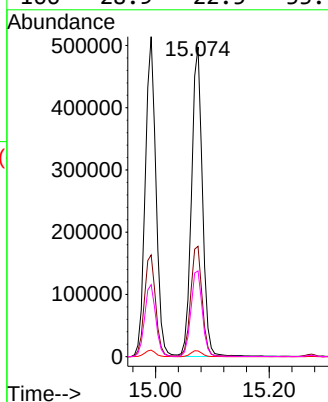
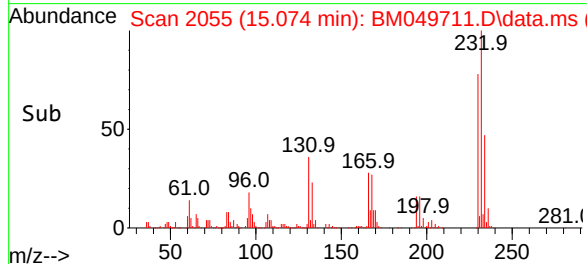
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 665660
Ion Ratio Lower Upper
232 100
131 37.3 30.0 45.0
130 2.1 1.6 2.4
166 28.9 22.5 33.7

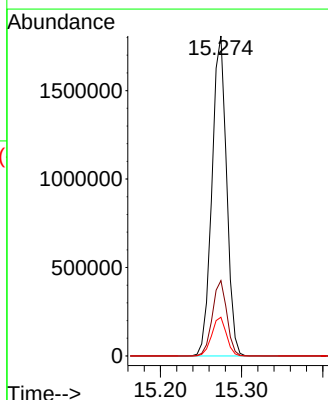
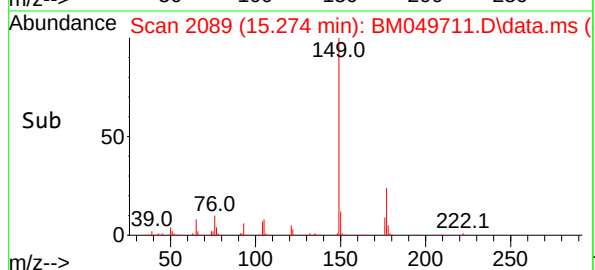
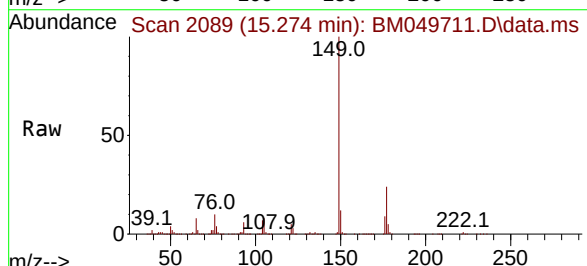
Manual Integrations
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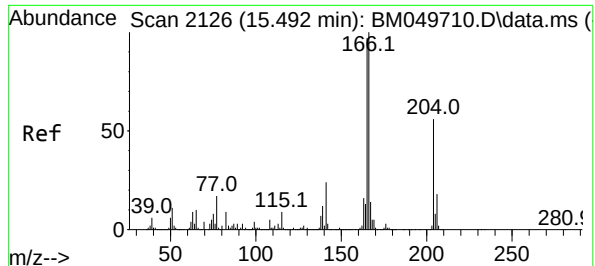
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#60
Diethylphthalate
Concen: 51.595 ng
RT: 15.274 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

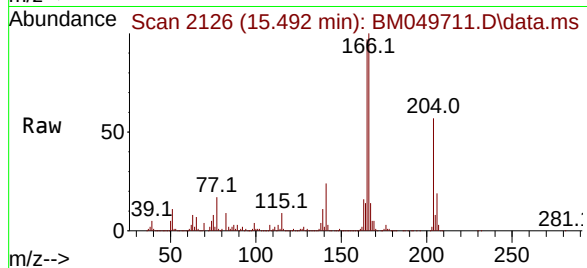
Tgt Ion:149 Resp: 2261890
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.2
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 53.403 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

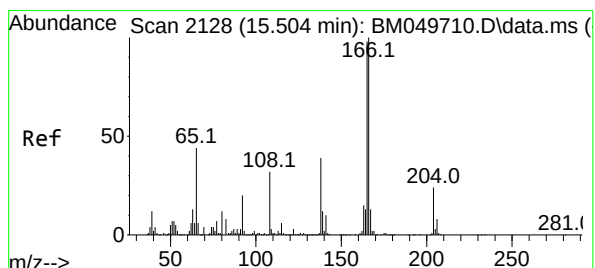
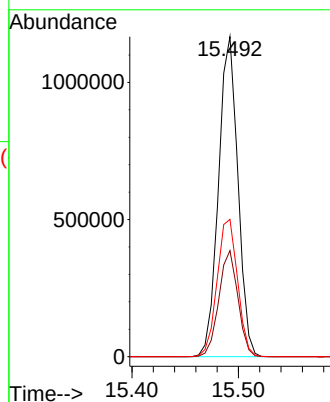
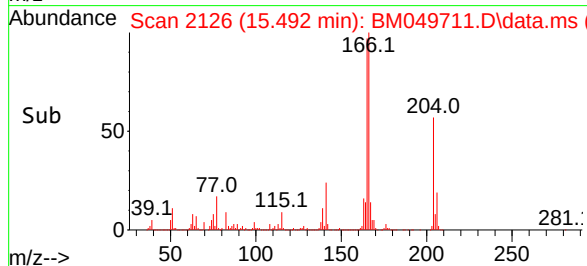
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 1471150
Ion Ratio Lower Upper
204 100
206 33.1 25.2 37.8
141 42.9 34.5 51.7

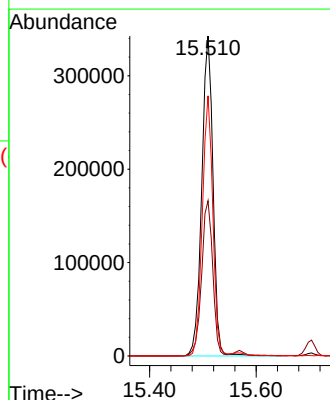
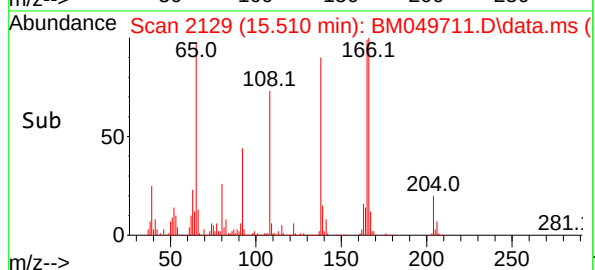
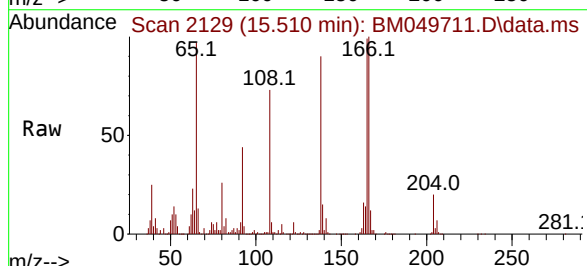
Manual Integrations
APPROVED

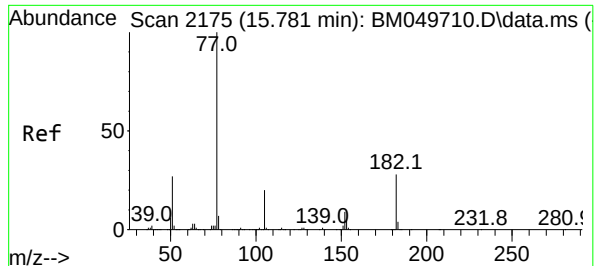
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#62
4-Nitroaniline
Concen: 47.589 ng
RT: 15.510 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

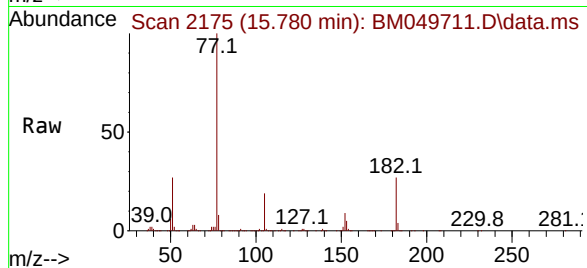
Tgt Ion:138 Resp: 502155
Ion Ratio Lower Upper
138 100
92 48.5 29.8 69.8
108 81.3 61.3 101.3





#63
Azobenzene
Concen: 51.918 ng
RT: 15.780 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

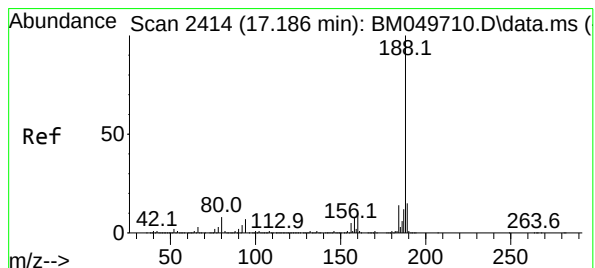
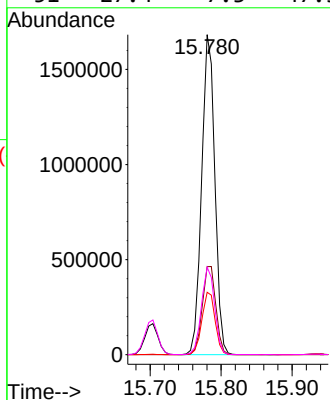
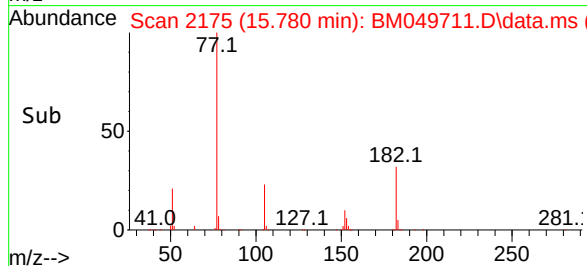
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 217398
Ion Ratio Lower Upper
77 100
182 27.5 8.0 48.0
105 19.5 0.0 40.0
51 27.4 7.3 47.3

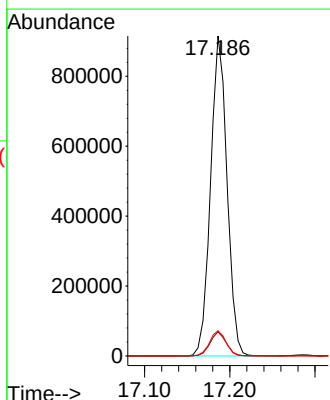
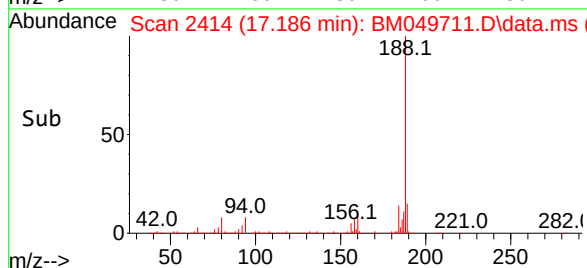
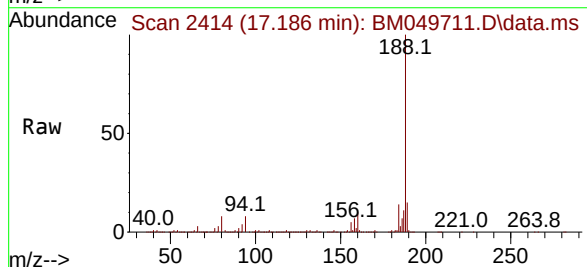
Manual Integrations
APPROVED

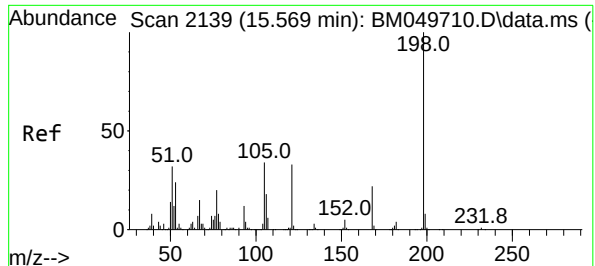
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

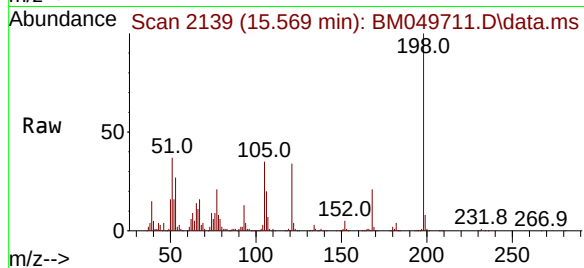
Tgt Ion:188 Resp: 1230919
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.6
80 7.9 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 49.773 ng
RT: 15.569 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

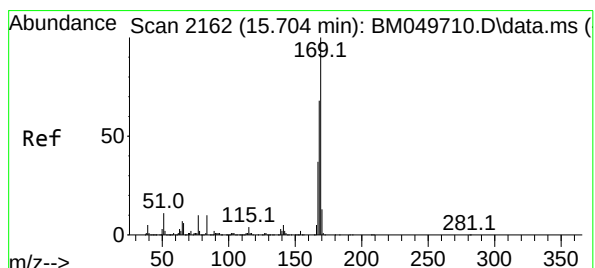
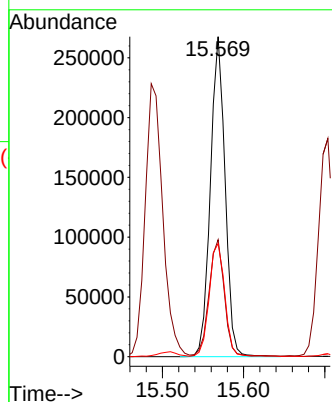
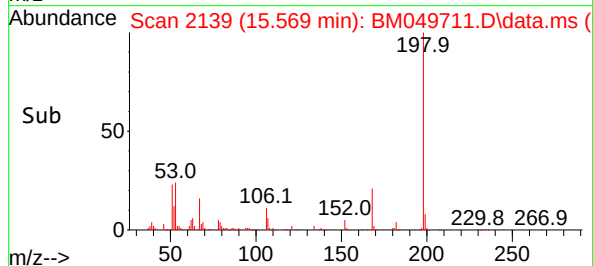
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 336162
Ion Ratio Lower Upper
198 100
51 36.5 13.8 53.8
105 35.3 14.0 54.0

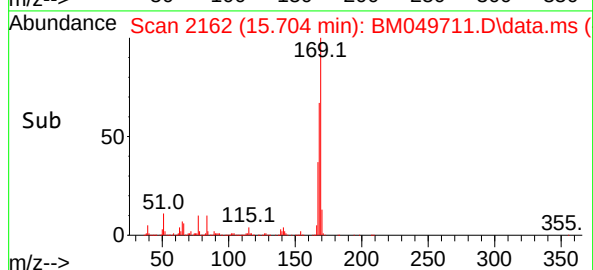
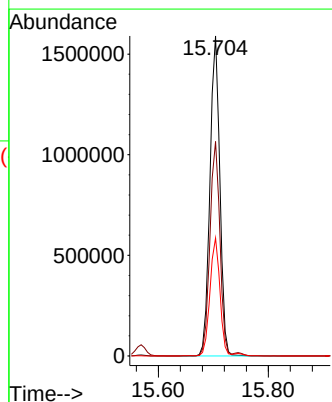
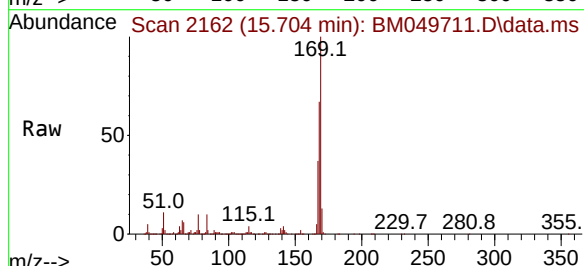
Manual Integrations
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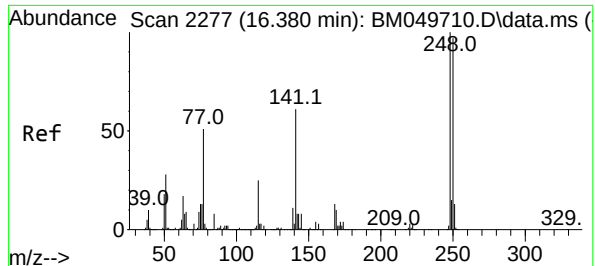
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#66
n-Nitrosodiphenylamine
Concen: 53.109 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

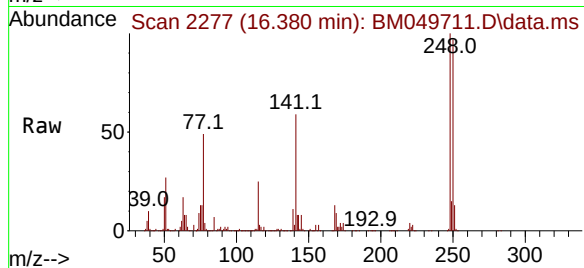
Tgt Ion:169 Resp: 1980682
Ion Ratio Lower Upper
169 100
168 67.0 54.8 82.2
167 36.9 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 53.896 ng
RT: 16.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

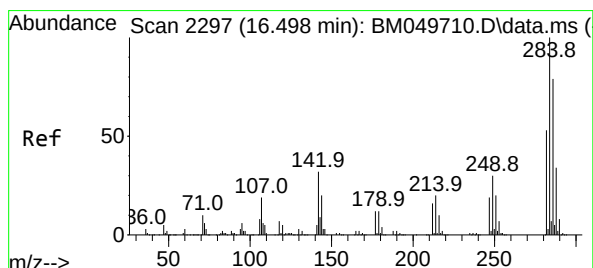
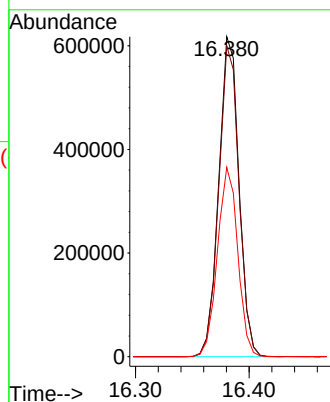
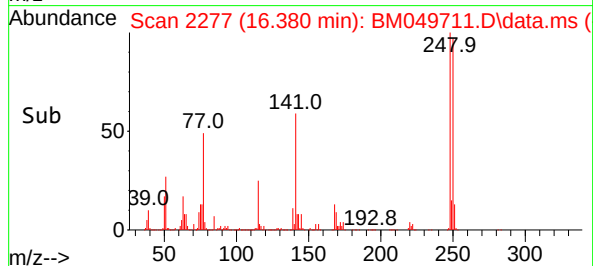
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



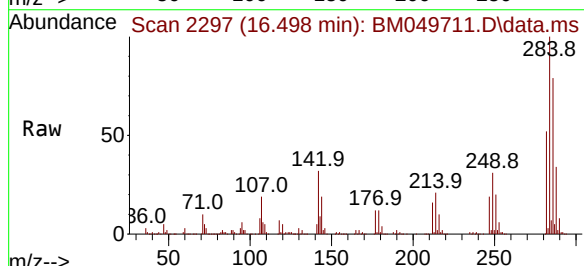
Tgt Ion:248 Resp: 765950
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 59.1 48.6 73.0

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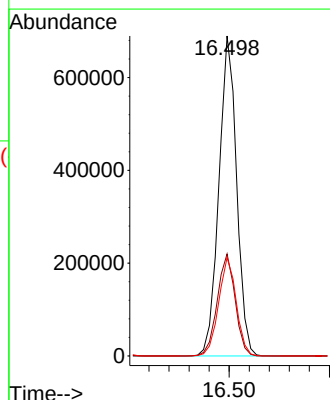
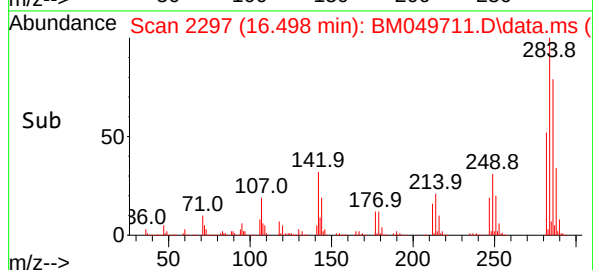
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

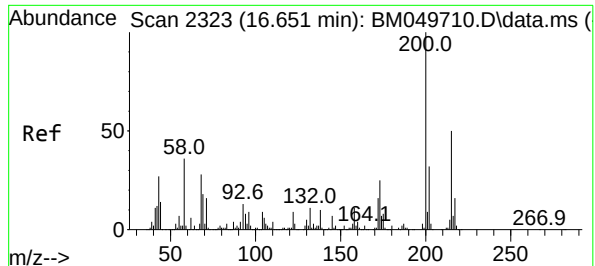


#68
Hexachlorobenzene
Concen: 52.726 ng
RT: 16.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



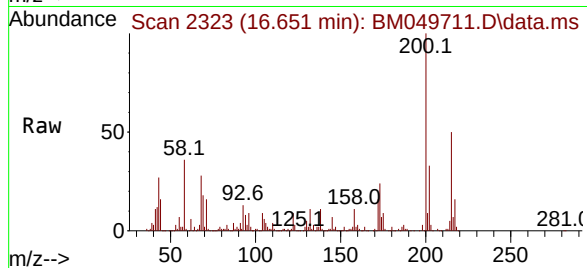
Tgt Ion:284 Resp: 842630
Ion Ratio Lower Upper
284 100
142 31.9 25.5 38.3
249 30.8 24.2 36.2





#69
Atrazine
Concen: 36.748 ng
RT: 16.651 min Scan# 2323
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

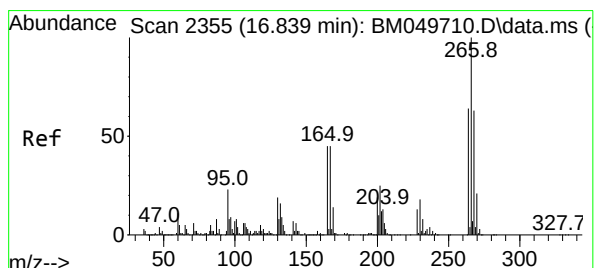
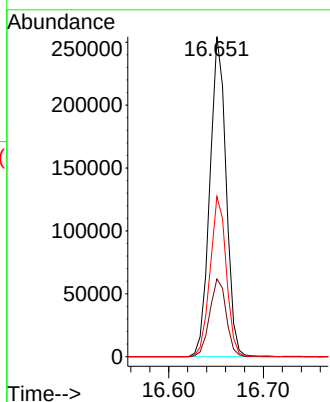
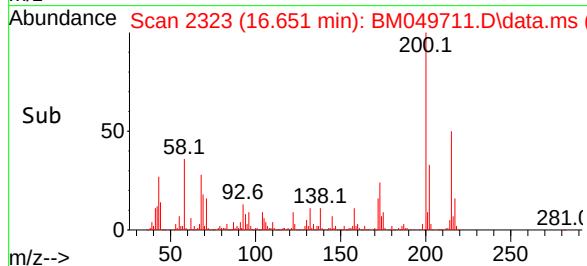
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:200 Resp: 302033
Ion Ratio Lower Upper
200 100
173 24.3 5.4 45.4
215 50.0 29.8 69.8

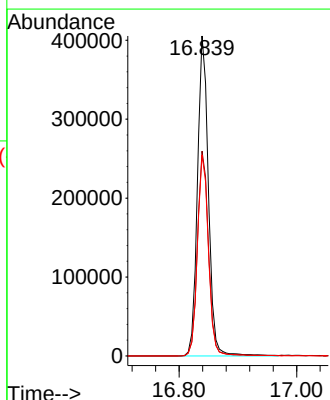
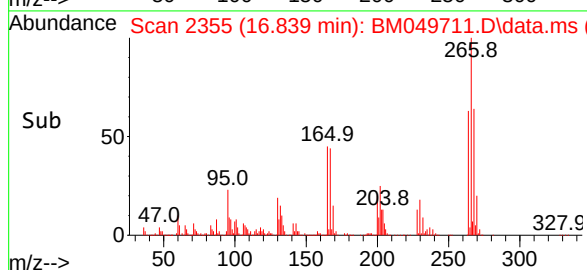
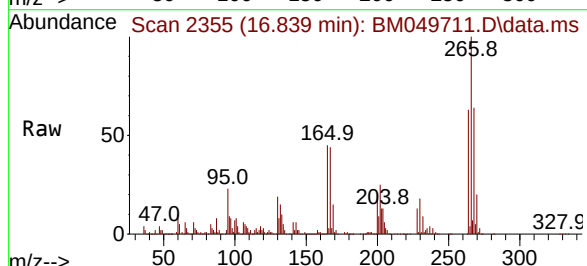
Manual Integrations
APPROVED

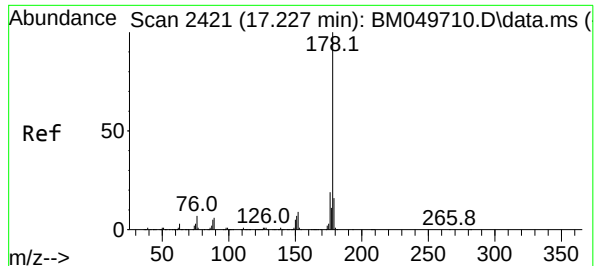
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#70
Pentachlorophenol
Concen: 52.267 ng
RT: 16.839 min Scan# 2355
Delta R.T. 0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

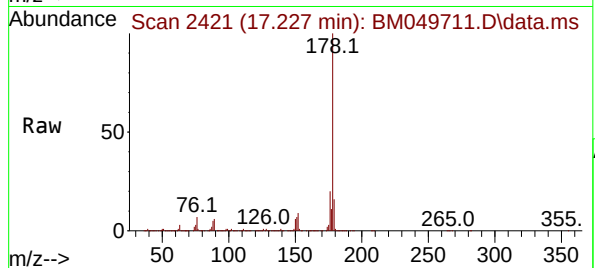
Tgt Ion:266 Resp: 524923
Ion Ratio Lower Upper
266 100
268 64.0 50.2 75.2
264 62.8 51.3 76.9





#71
Phenanthrene
Concen: 52.153 ng
RT: 17.227 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

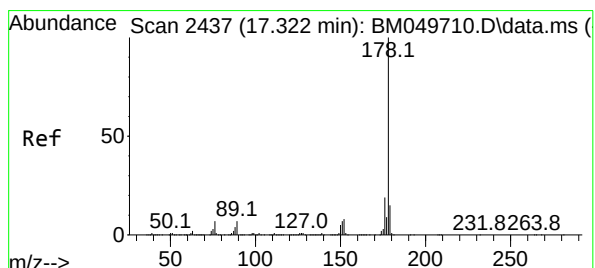
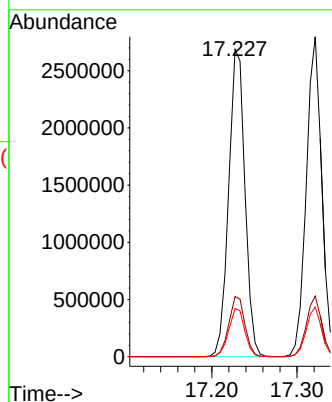
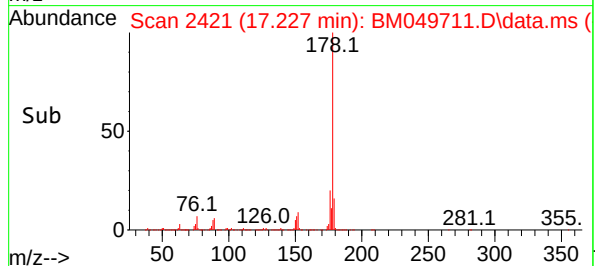
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 356466
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.5 18.7

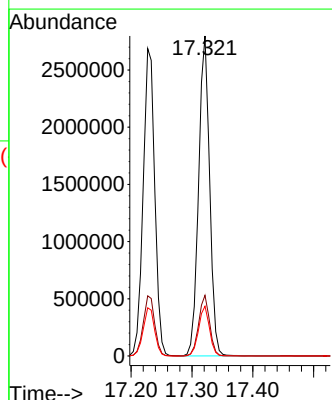
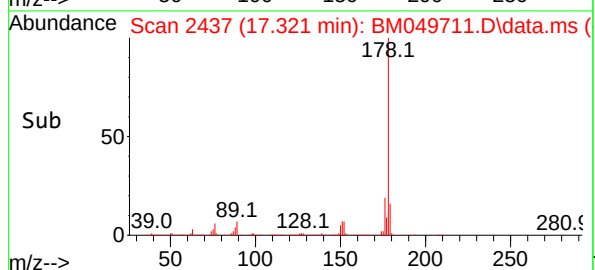
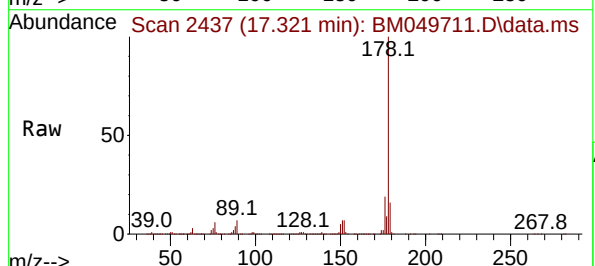
Manual Integrations
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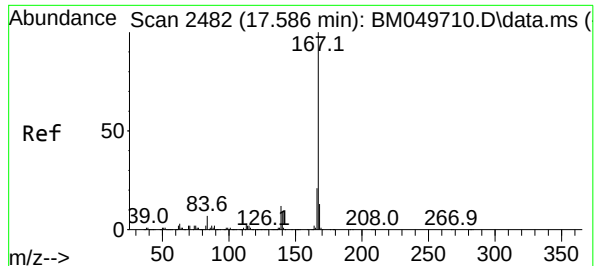
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#72
Anthracene
Concen: 53.168 ng
RT: 17.321 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

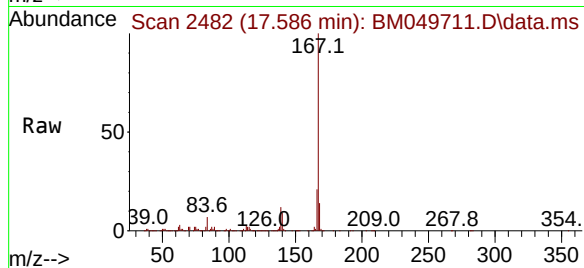
Tgt Ion:178 Resp: 3519355
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.4 18.6





#73
Carbazole
Concen: 52.143 ng
RT: 17.586 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

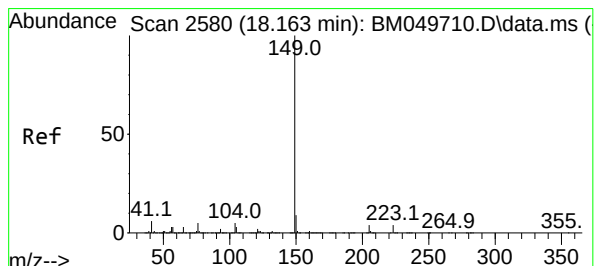
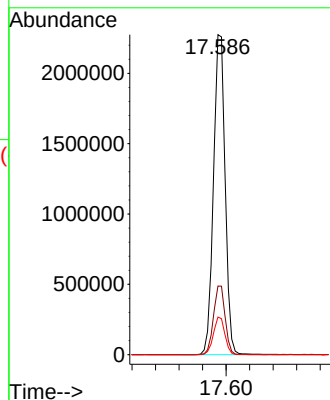
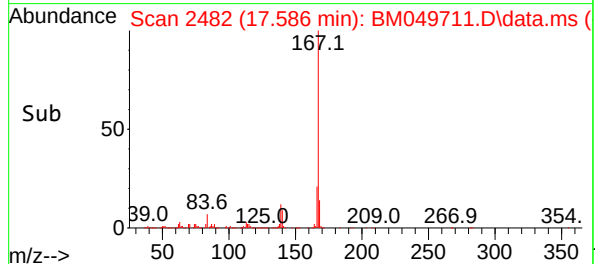
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:167 Resp: 312586
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 11.8 9.4 14.2

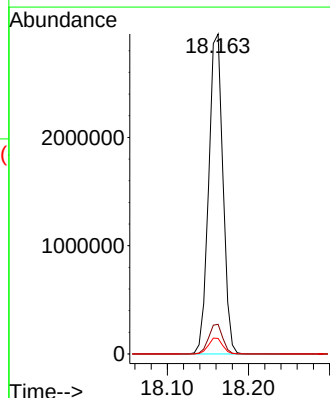
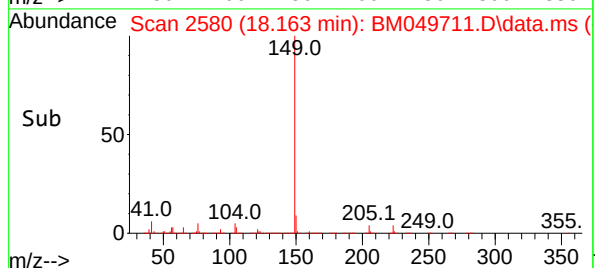
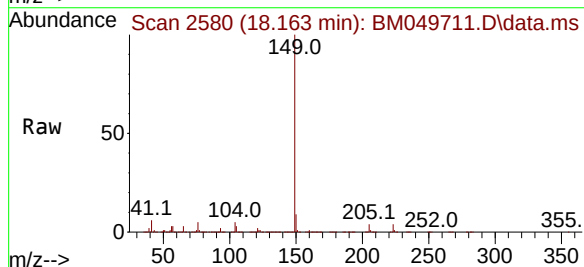
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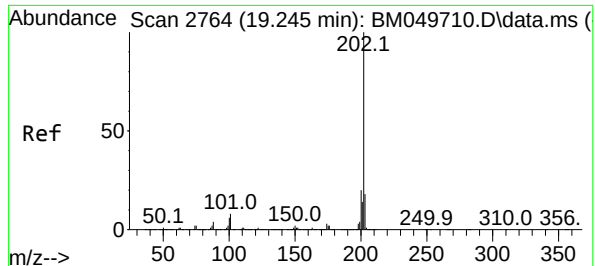
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#74
Di-n-butylphthalate
Concen: 54.535 ng
RT: 18.163 min Scan# 2580
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

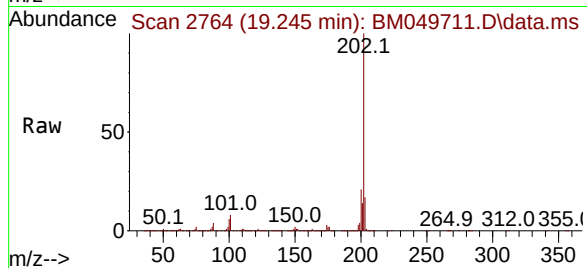
Tgt Ion:149 Resp: 3583163
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 52.921 ng
RT: 19.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

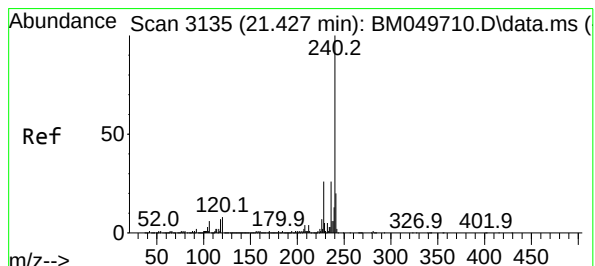
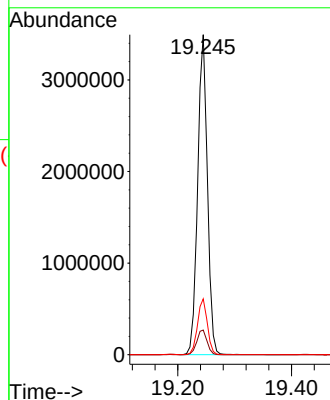
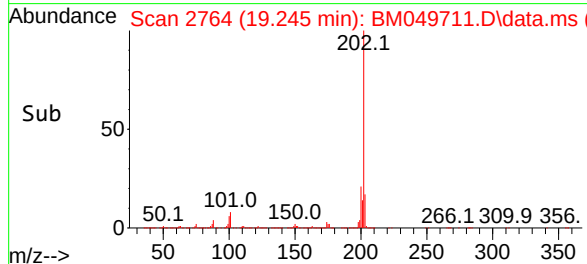
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 4164429
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.8
203 17.4 0.0 37.6

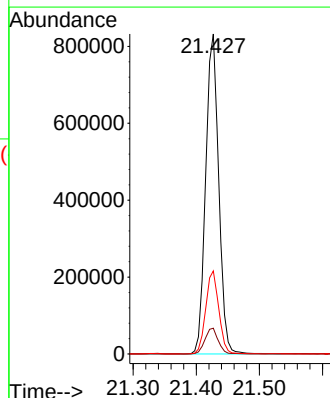
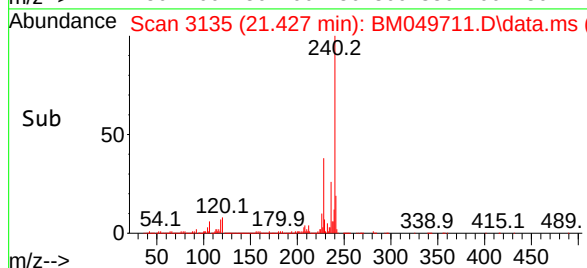
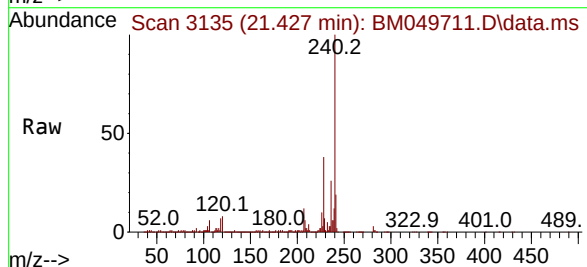
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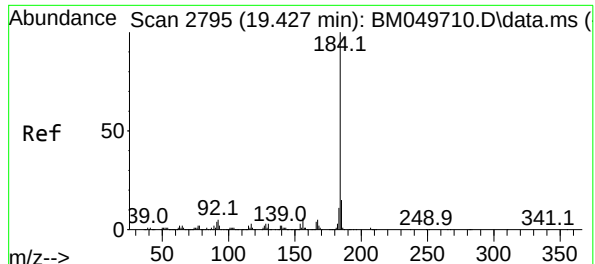
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

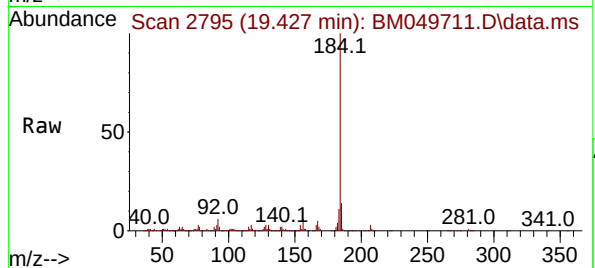
Tgt Ion:240 Resp: 1192033
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.9 20.7 31.1





#77
Benzidine
Concen: 56.913 ng
RT: 19.427 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

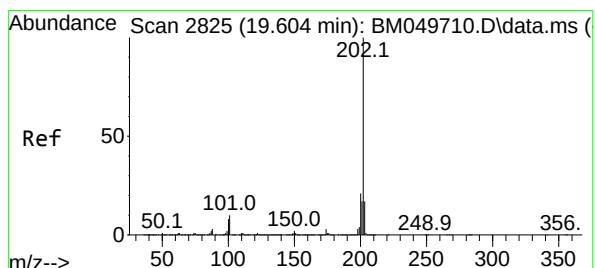
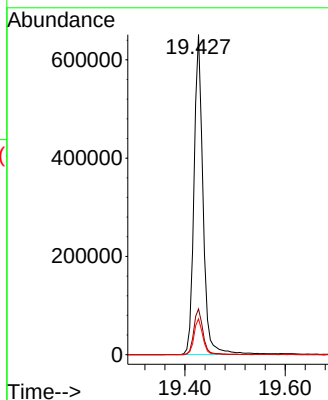
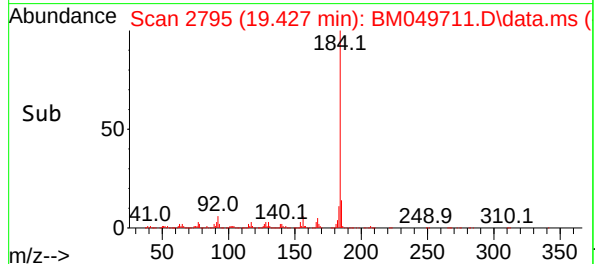
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 815052
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.2 8.8 13.2

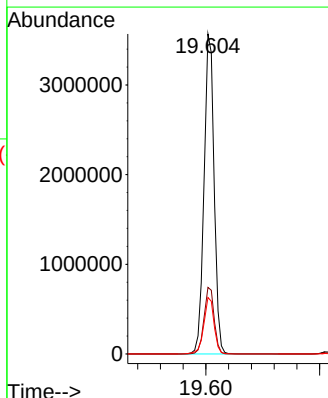
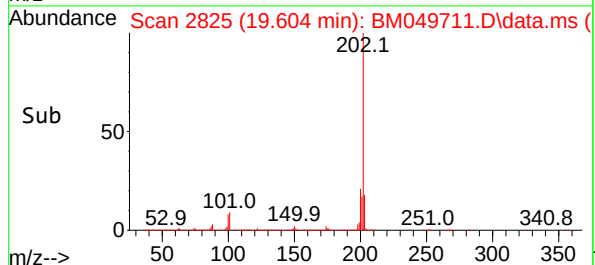
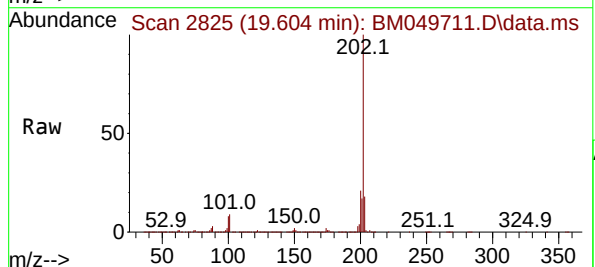
Manual Integrations
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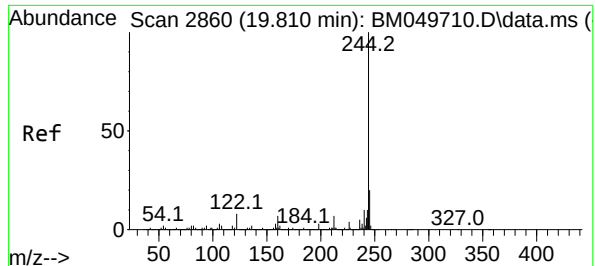
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#78
Pyrene
Concen: 52.541 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

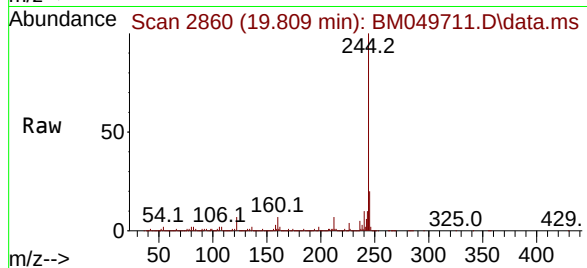
Tgt Ion:202 Resp: 4375693
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.7 14.0 21.0





#79
Terphenyl-d14
Concen: 113.924 ng
RT: 19.809 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

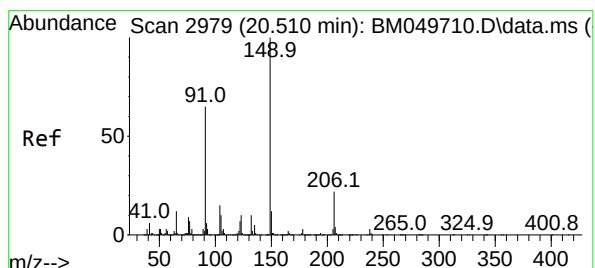
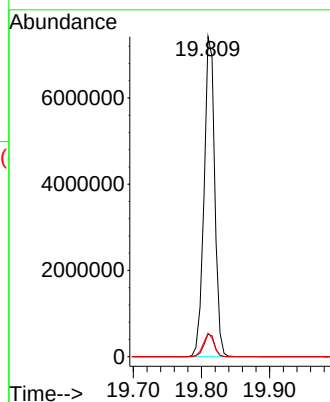
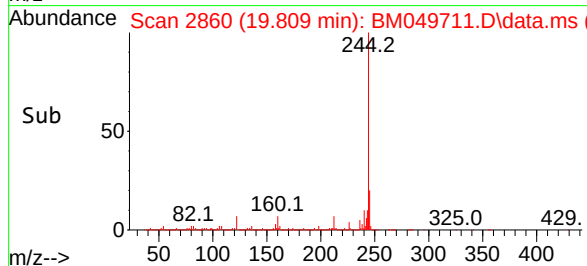
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:244 Resp: 805880
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 7.4 6.0 9.0

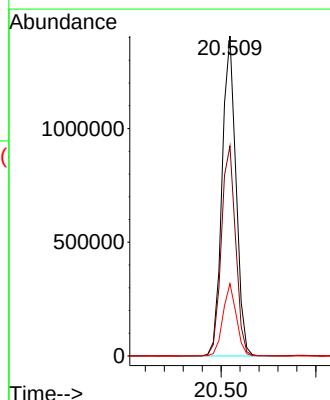
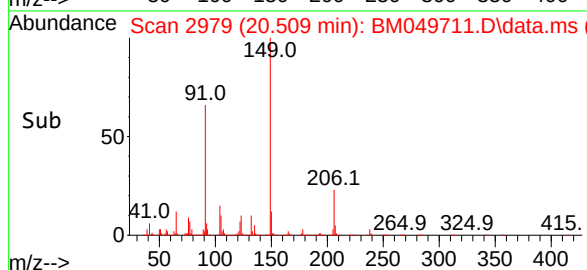
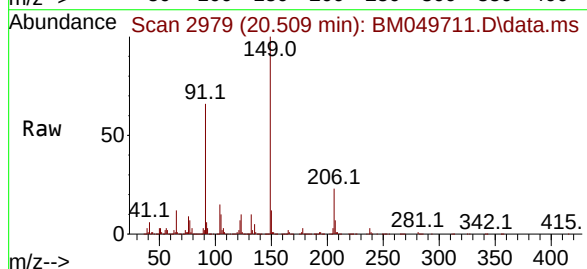
Manual Integrations
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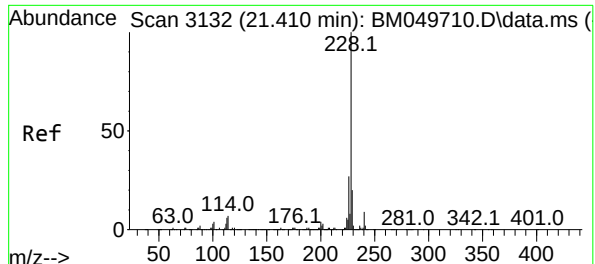
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#80
Butylbenzylphthalate
Concen: 55.594 ng
RT: 20.509 min Scan# 2979
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

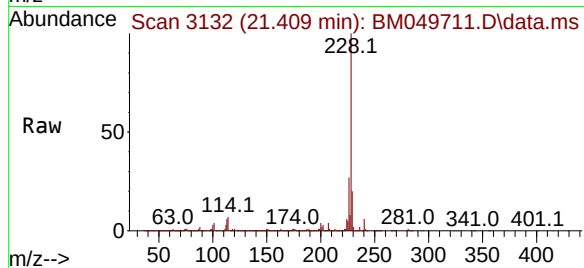
Tgt Ion:149 Resp: 1436857
Ion Ratio Lower Upper
149 100
91 65.6 52.2 78.4
206 22.6 17.6 26.4





#81
Benzo(a)anthracene
Concen: 52.933 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

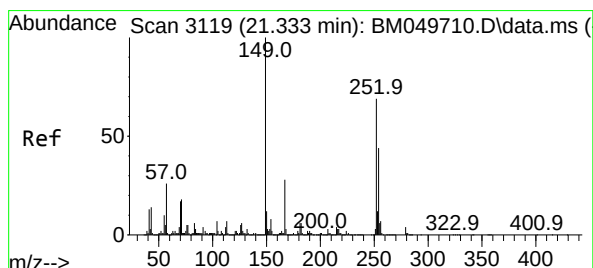
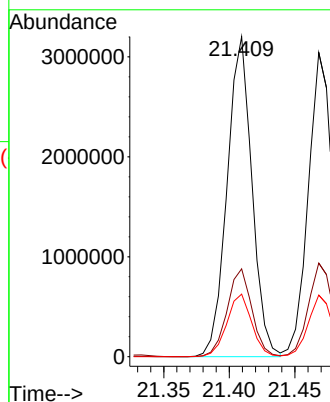
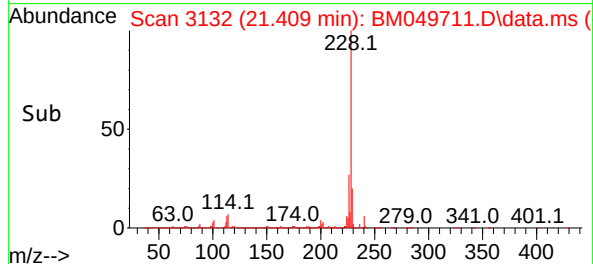
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 4214500
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 19.6 15.8 23.8

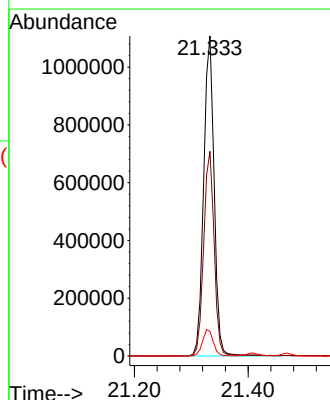
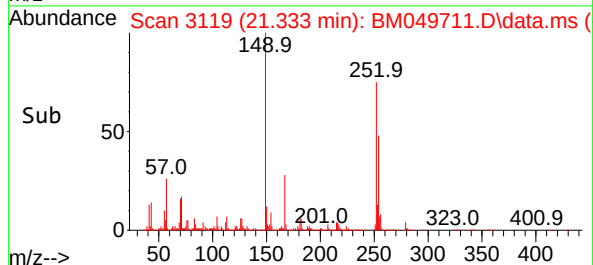
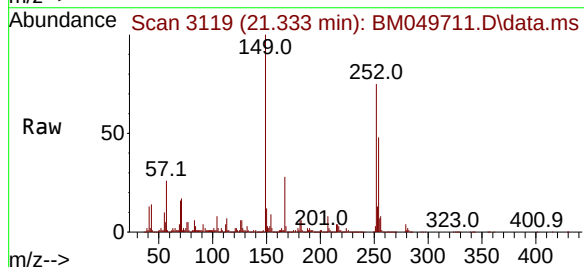
Manual Integrations
APPROVED

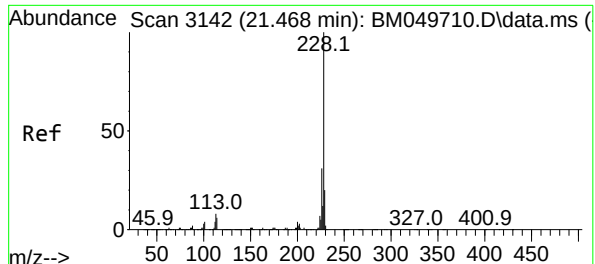
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 54.540 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:252 Resp: 1413811
Ion Ratio Lower Upper
252 100
254 64.0 51.0 76.4
126 7.7 6.3 9.5





#83

Chrysene

Concen: 52.613 ng

RT: 21.468 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 3970998

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

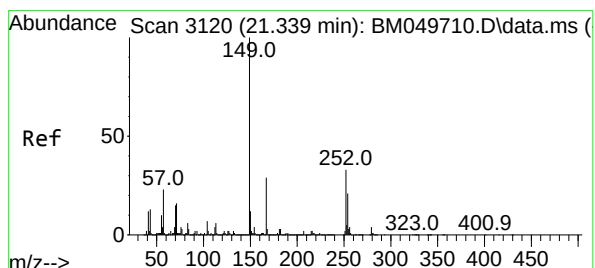
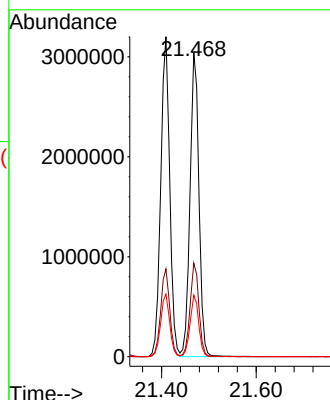
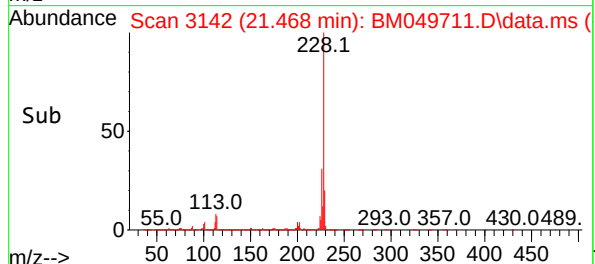
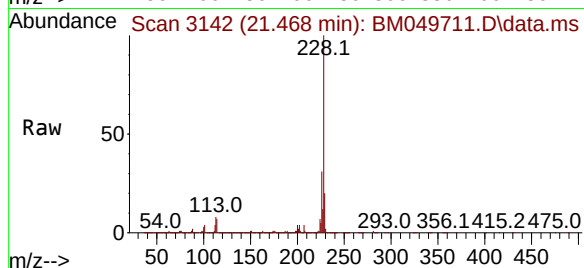
229 20.3 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.022 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

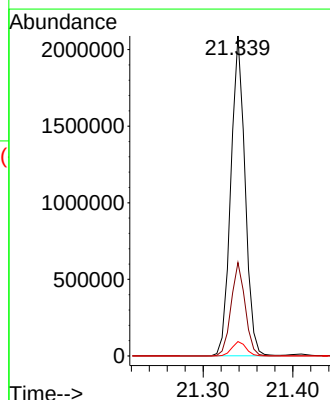
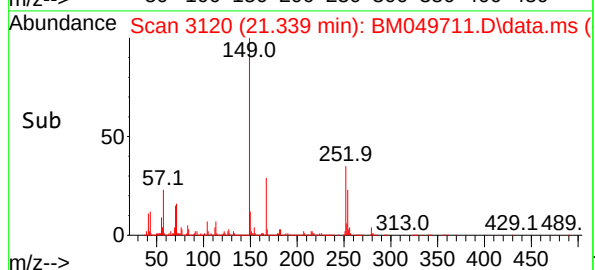
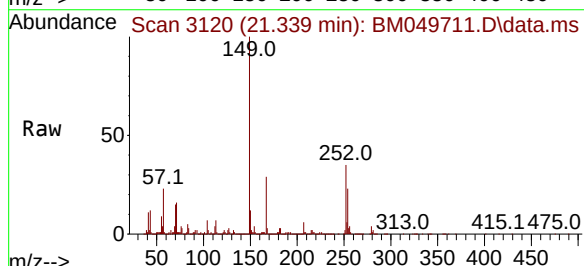
Tgt Ion:149 Resp: 2296803

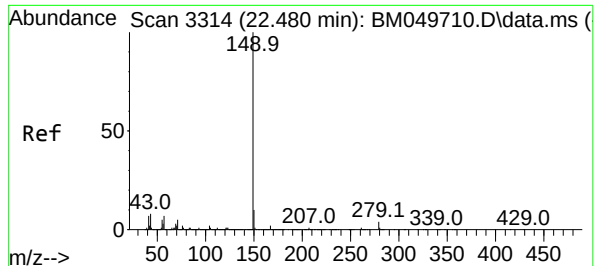
Ion Ratio Lower Upper

149 100

167 29.2 22.9 34.3

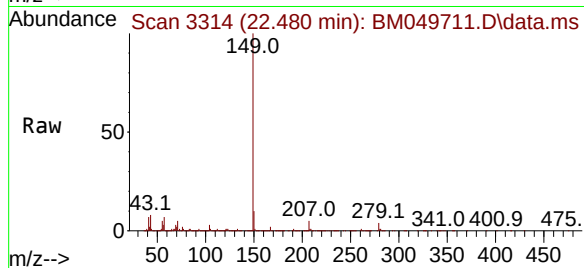
279 4.5 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 54.543 ng
RT: 22.480 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

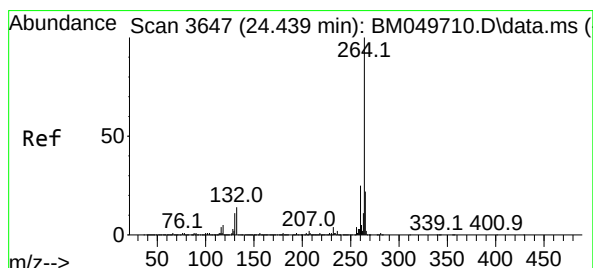
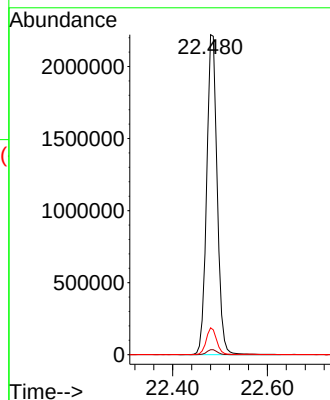
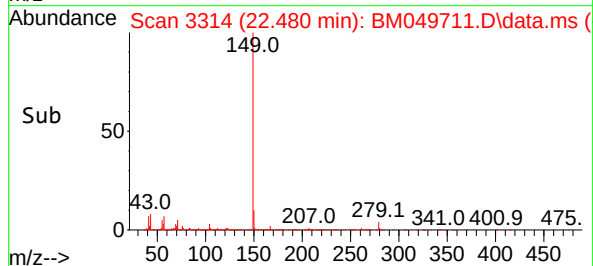
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 341466
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.8 10.2

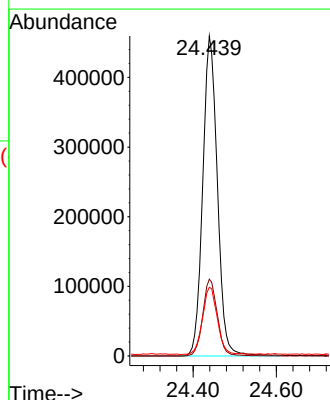
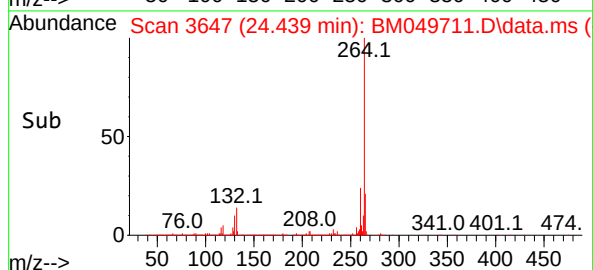
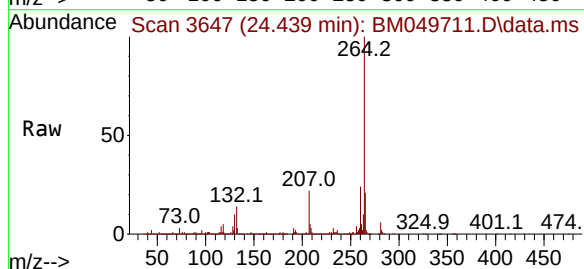
Manual Integrations
APPROVED

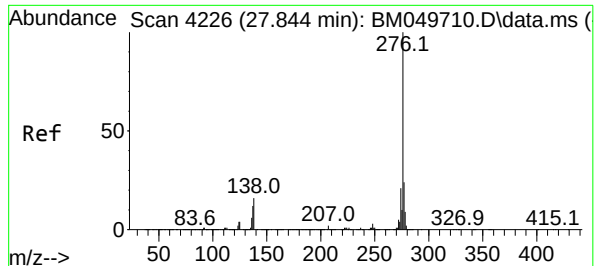
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.439 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

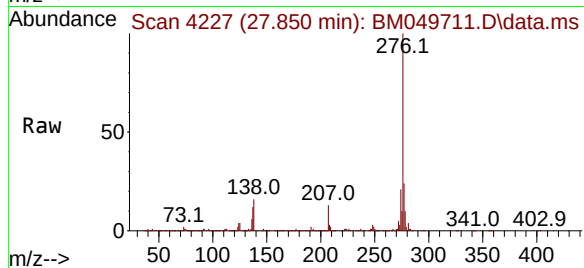
Tgt Ion:264 Resp: 1121126
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.4 18.2 27.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.427 ng
RT: 27.850 min Scan# 4227
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

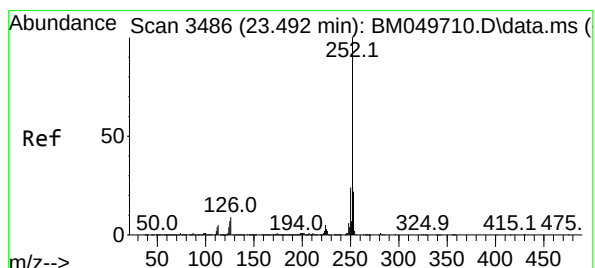
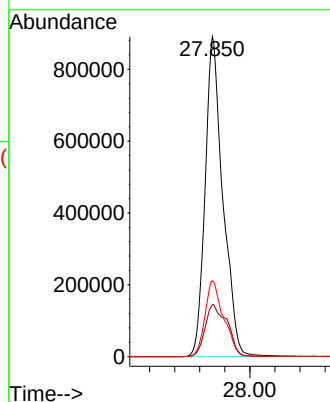
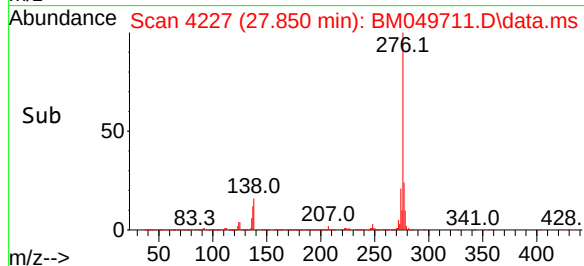
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:276 Resp: 4391909
Ion Ratio Lower Upper
276 100
138 20.2 16.3 24.5
277 24.8 19.9 29.9

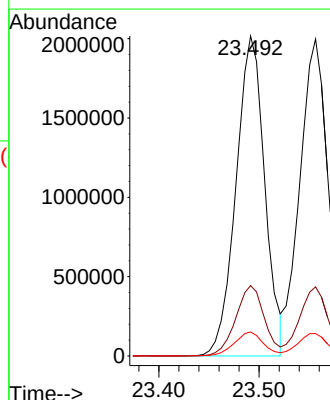
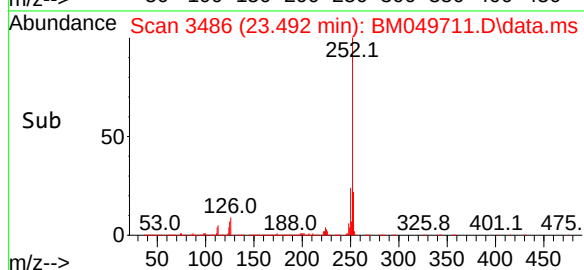
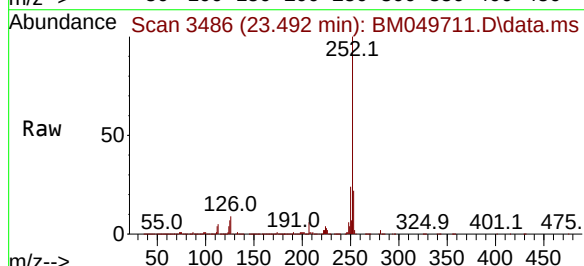
Manual Integrations
APPROVED

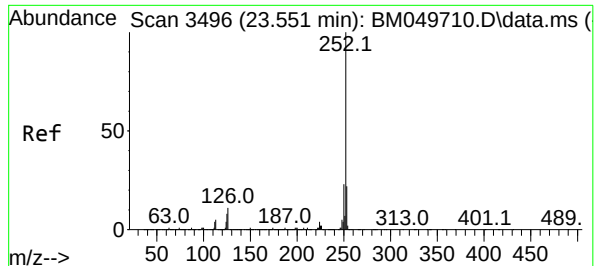
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#88
Benzo(b)fluoranthene
Concen: 53.172 ng
RT: 23.492 min Scan# 3486
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:252 Resp: 4015121
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 7.5 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 53.113 ng

RT: 23.556 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM049711.D

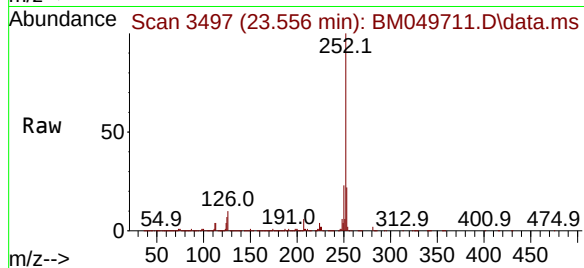
Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC050



Tgt Ion:252 Resp: 394646

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

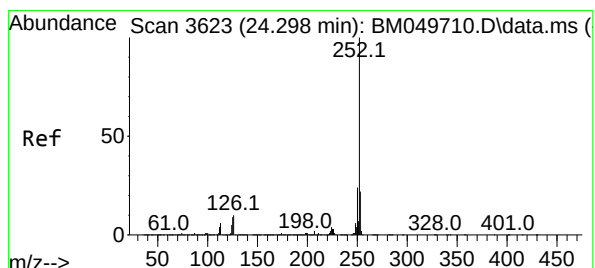
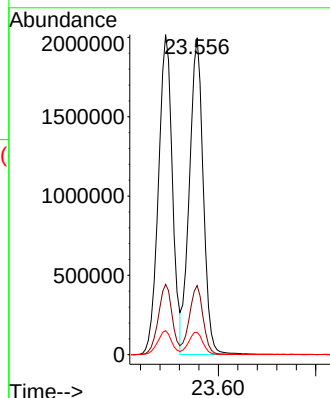
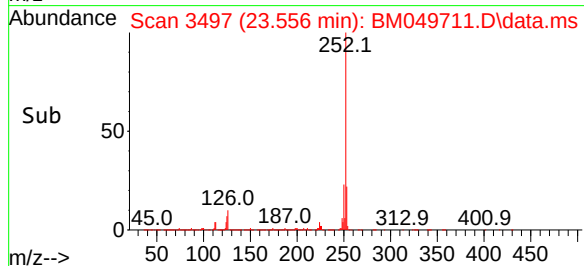
125 7.1 6.2 9.2

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#90

Benzo(a)pyrene

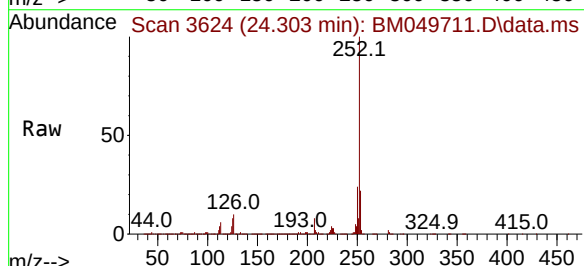
Concen: 53.487 ng

RT: 24.303 min Scan# 3624

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19



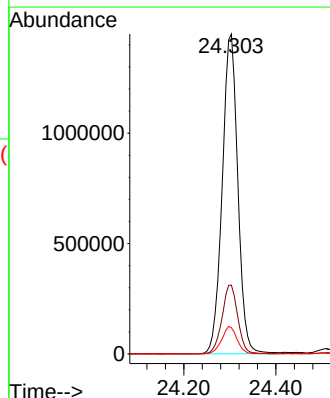
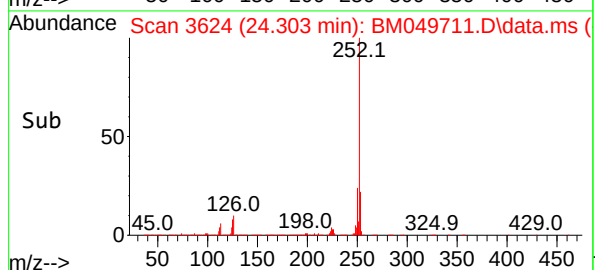
Tgt Ion:252 Resp: 3392495

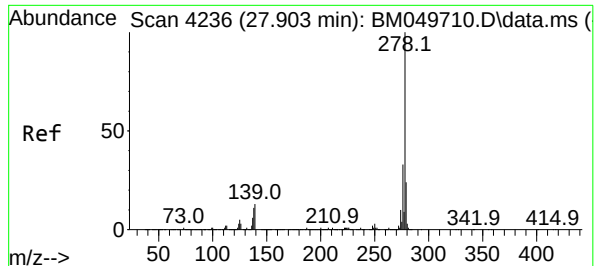
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

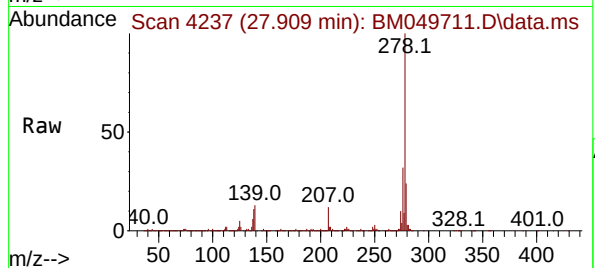
125 8.2 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 54.170 ng
RT: 27.909 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

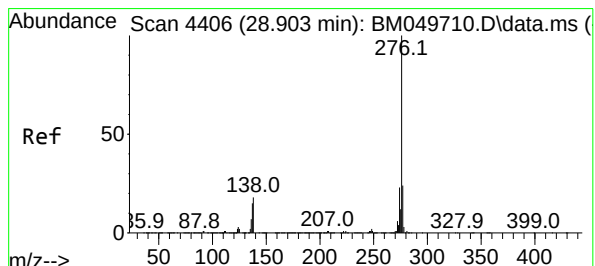
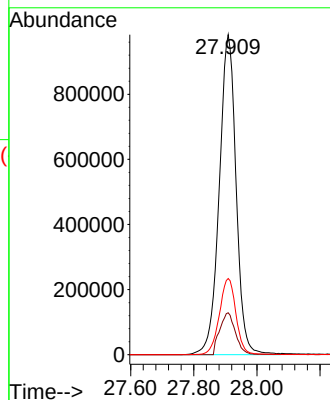
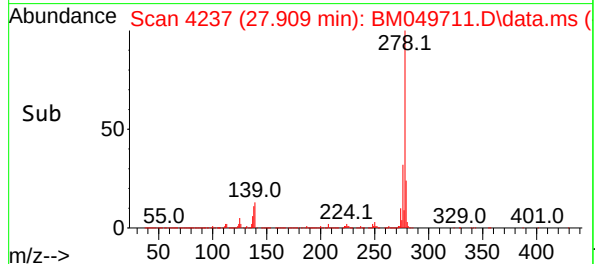
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



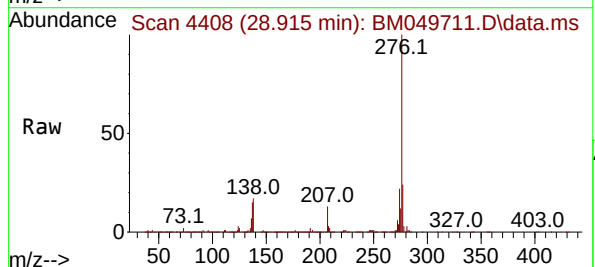
Tgt Ion:278 Resp: 364185
Ion Ratio Lower Upper
278 100
139 13.1 10.1 15.1
279 23.8 19.1 28.7

Manual Integrations
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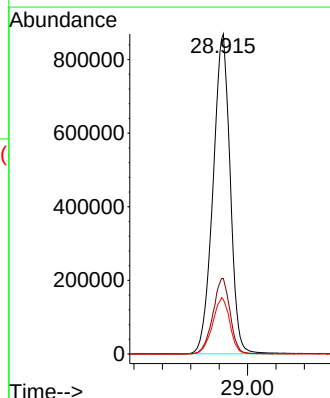
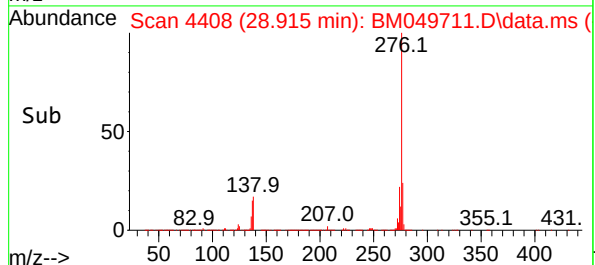
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#92
Benzo(g,h,i)perylene
Concen: 53.651 ng
RT: 28.915 min Scan# 4408
Delta R.T. 0.012 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



Tgt Ion:276 Resp: 3633253
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 17.0 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049712.D
 Acq On : 13 Mar 2025 12:58
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:43:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	315799	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1024759	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	618823	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1169651	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1173482	20.000	ng	0.00
86) Perylene-d12	24.438	264	1084370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2416717	129.126	ng	0.00
7) Phenol-d6	6.981	99	2994230	127.482	ng	0.00
23) Nitrobenzene-d5	8.963	82	2583706	129.447	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	1073944	148.622	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	6475865	131.059	ng	0.00
79) Terphenyl-d14	19.809	244	9673323	138.909	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	500669	61.795	ng	99
3) Pyridine	3.687	79	1281013m	61.832	ng	
4) n-Nitrosodimethylamine	3.593	42	568214	62.064	ng	99
6) Aniline	7.140	93	1180576	59.996	ng	99
8) 2-Chlorophenol	7.375	128	1161936	62.692	ng	99
9) Benzaldehyde	6.945	77	582373	50.156	ng	99
10) Phenol	7.010	94	1429401	62.763	ng	98
11) bis(2-Chloroethyl)ether	7.234	93	1137868	61.698	ng	99
12) 1,3-Dichlorobenzene	7.698	146	1393806	61.881	ng	99
13) 1,4-Dichlorobenzene	7.845	146	1404557	61.813	ng	99
14) 1,2-Dichlorobenzene	8.163	146	1324220	61.320	ng	98
15) Benzyl Alcohol	8.045	79	944038	64.048	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1292162	59.613	ng	100
17) 2-Methylphenol	8.257	107	851393	62.967	ng	99
18) Hexachloroethane	8.892	117	493239	61.468	ng	93
19) n-Nitroso-di-n-propyla...	8.616	70	865717	63.565	ng	99
20) 3+4-Methylphenols	8.581	107	1147270	63.315	ng	98
22) Acetophenone	8.628	105	1686019	63.809	ng	# 99
24) Nitrobenzene	9.004	77	1197256	63.615	ng	99
25) Isophorone	9.533	82	1988098	64.875	ng	99
26) 2-Nitrophenol	9.716	139	556011	69.411	ng	100
27) 2,4-Dimethylphenol	9.781	122	669470	65.658	ng	97
28) bis(2-Chloroethoxy)met...	10.016	93	1353615	62.714	ng	100
29) 2,4-Dichlorophenol	10.257	162	1085297	65.322	ng	98
30) 1,2,4-Trichlorobenzene	10.469	180	1314305	63.227	ng	99
31) Naphthalene	10.651	128	3372239	63.997	ng	100
32) Benzoic acid	9.933	122	611385	70.482	ng	98
33) 4-Chloroaniline	10.763	127	1140961	63.446	ng	99
34) Hexachlorobutadiene	10.945	225	820160	63.912	ng	98
35) Caprolactam	11.551	113	267177	69.264	ng	98
36) 4-Chloro-3-methylphenol	11.892	107	952831	66.827	ng	99
37) 2-Methylnaphthalene	12.269	142	2360362	64.061	ng	100
38) 1-Methylnaphthalene	12.486	142	2278919	64.106	ng	99
40) 1,2,4,5-Tetrachloroben...	12.639	216	1483366	65.259	ng	99
41) Hexachlorocyclopentadiene	12.622	237	557389	66.191	ng	97
43) 2,4,6-Trichlorophenol	12.880	196	863951	67.864	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049712.D
 Acq On : 13 Mar 2025 12:58
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:43:18 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 13 14:27:21 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	936029	67.377	ng	99
46) 1,1'-Biphenyl	13.280	154	3048618	63.921	ng	99
47) 2-Chloronaphthalene	13.321	162	2381008	64.138	ng	99
48) 2-Nitroaniline	13.521	65	578552	69.424	ng	99
49) Acenaphthylene	14.168	152	3384598	65.227	ng	99
50) Dimethylphthalate	13.910	163	2716983	63.771	ng	99
51) 2,6-Dinitrotoluene	14.021	165	563727	66.034	ng	95
52) Acenaphthene	14.510	154	2217160	65.221	ng	99
53) 3-Nitroaniline	14.345	138	556379	68.488	ng	98
54) 2,4-Dinitrophenol	14.551	184	295154	60.822	ng	97
55) Dibenzofuran	14.845	168	3632034	64.040	ng	99
56) 4-Nitrophenol	14.663	139	477486	67.524	ng	99
57) 2,4-Dinitrotoluene	14.804	165	763894	69.539	ng	99
58) Fluorene	15.492	166	3055405	66.168	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	777060	66.821	ng	100
60) Diethylphthalate	15.274	149	2576429	64.207	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	1674356	66.402	ng	98
62) 4-Nitroaniline	15.510	138	598859	60.865	ng	97
63) Azobenzene	15.780	77	2482118	64.760	ng	100
65) 4,6-Dinitro-2-methylph...	15.568	198	417995	61.103	ng	96
66) n-Nitrosodiphenylamine	15.704	169	2302780	64.980	ng	100
67) 4-Bromophenyl-phenylether	16.380	248	881819	65.299	ng	99
68) Hexachlorobenzene	16.498	284	986543	64.964	ng	99
70) Pentachlorophenol	16.839	266	647404	67.839	ng	98
71) Phenanthrene	17.227	178	4268082	65.716	ng	100
72) Anthracene	17.321	178	4187832	66.580	ng	100
73) Carbazole	17.592	167	3826935	67.182	ng	99
74) Di-n-butylphthalate	18.162	149	4214218	67.499	ng	99
75) Fluoranthene	19.245	202	5199093	69.531	ng	100
77) Benzidine	19.427	184	771546	54.727	ng	99
78) Pyrene	19.609	202	5421531	66.127	ng	100
80) Butylbenzylphthalate	20.509	149	1729836	67.988	ng	100
81) Benzo(a)anthracene	21.409	228	5145212	65.644	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	1687314	66.120	ng	99
83) Chrysene	21.474	228	4892160	65.843	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	2633480	66.414	ng	99
85) Di-n-octyl phthalate	22.480	149	3977588	64.539	ng	99
87) Indeno(1,2,3-cd)pyrene	27.856	276	5301272	67.923	ng	100
88) Benzo(b)fluoranthene	23.491	252	4904977	67.158	ng	100
89) Benzo(k)fluoranthene	23.556	252	4810286	66.934	ng	99
90) Benzo(a)pyrene	24.303	252	4164433	67.883	ng	99
91) Dibenzo(a,h)anthracene	27.909	278	4403728	67.722	ng	99
92) Benzo(g,h,i)perylene	28.915	276	4374098	66.781	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049712.D
 Acq On : 13 Mar 2025 12:58
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

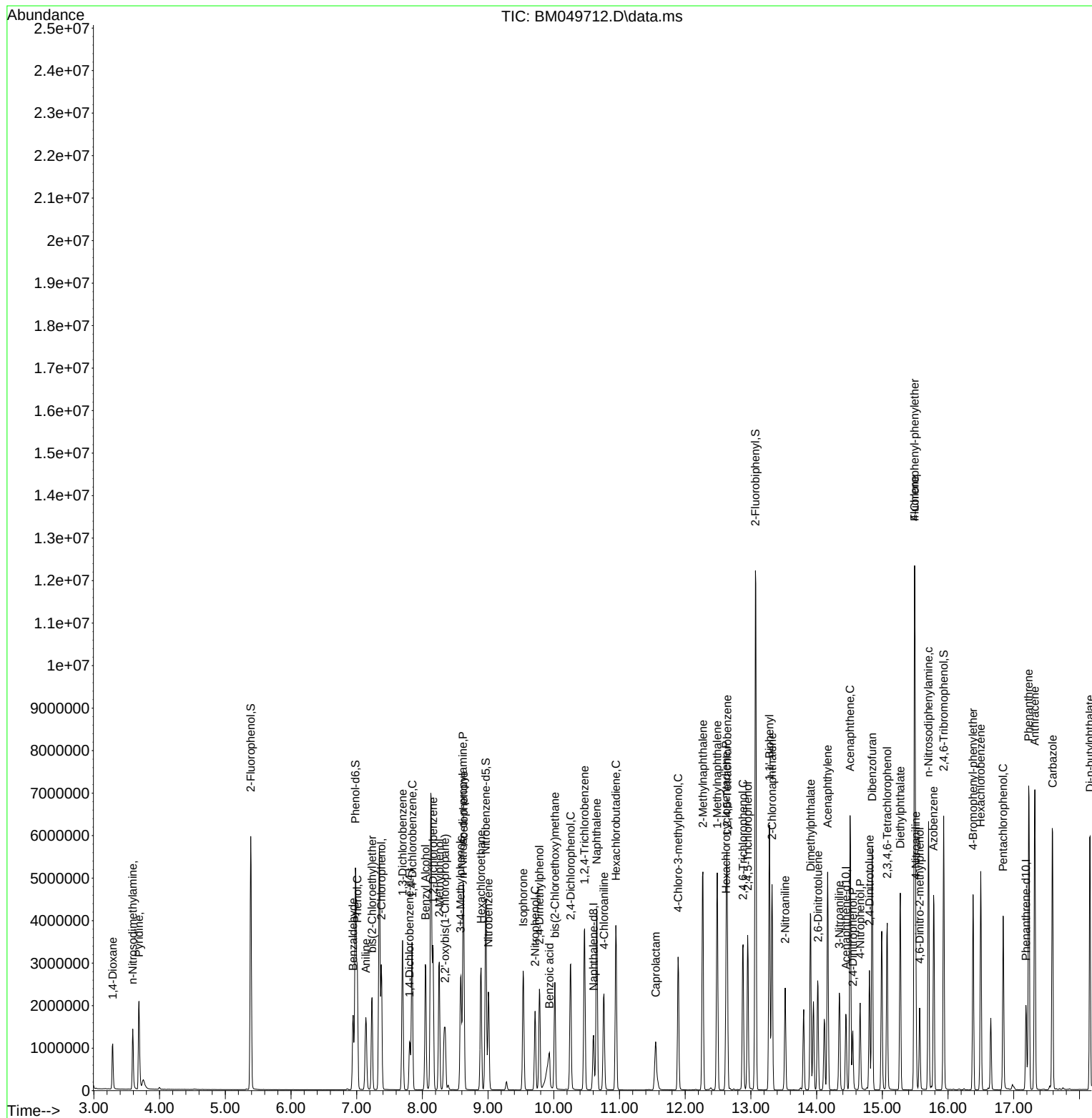
Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:43:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration



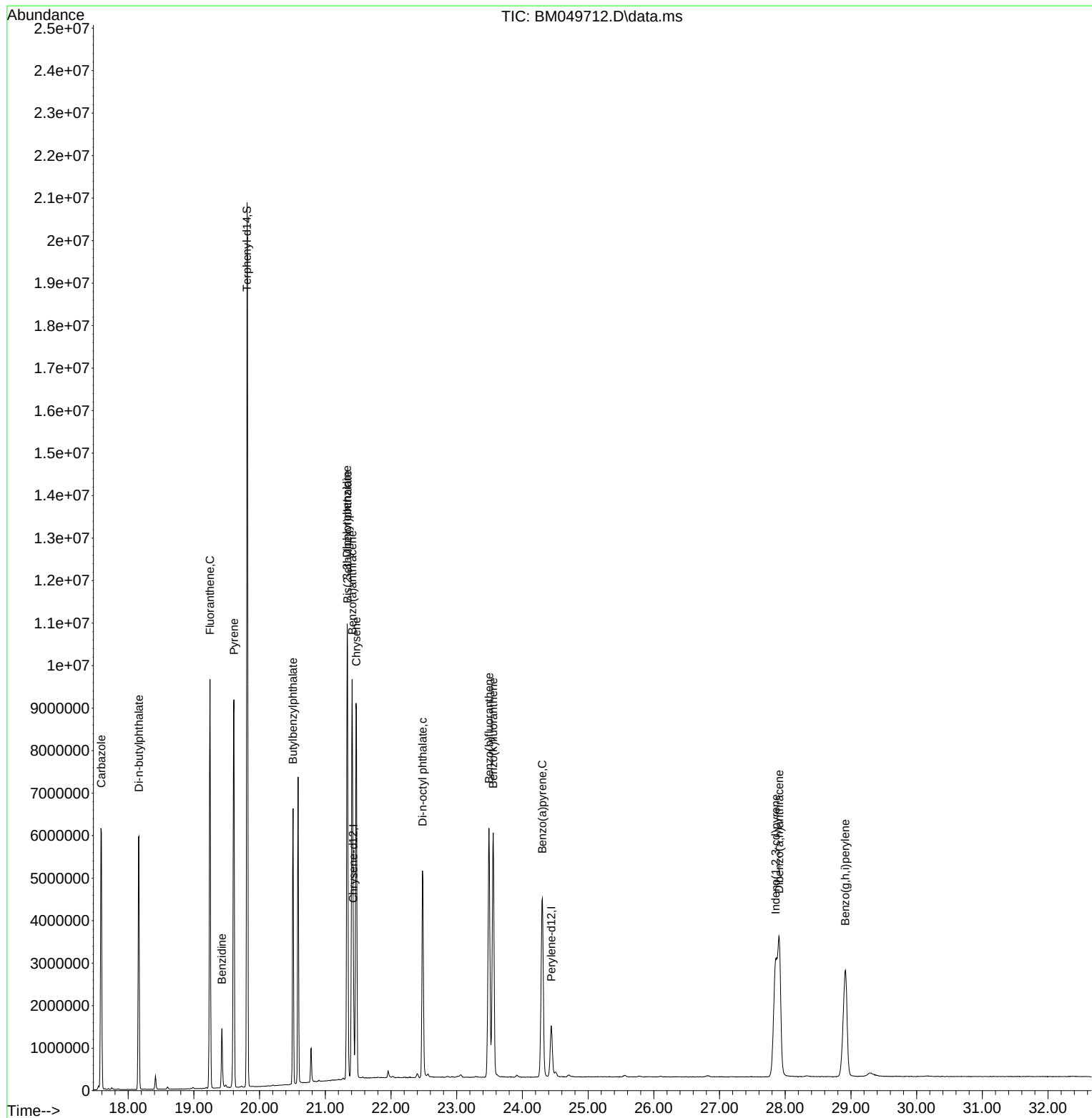
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Data File : BM049712.D
Acq On : 13 Mar 2025 12:58
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

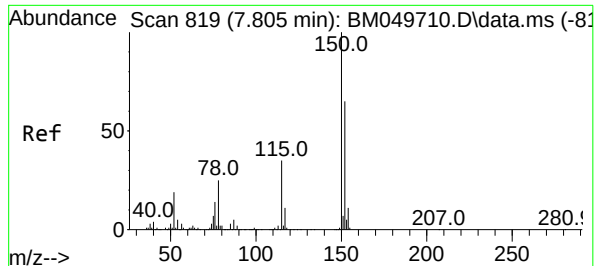
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

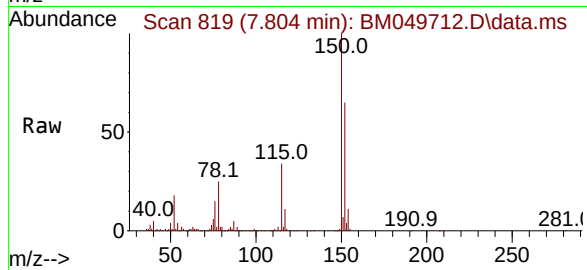
Quant Time: Mar 13 14:43:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.001 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

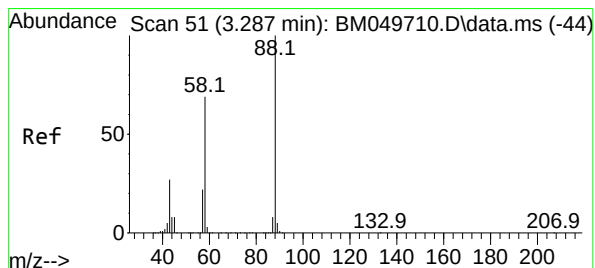
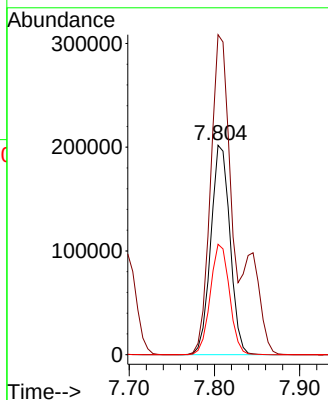
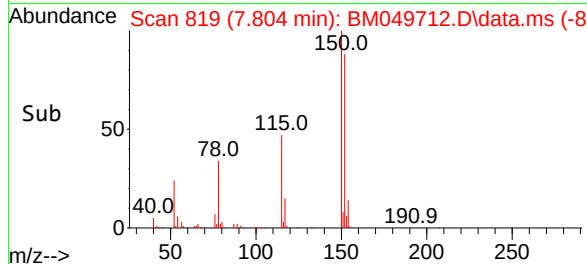
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 315799
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.8
115 52.7 43.0 64.6

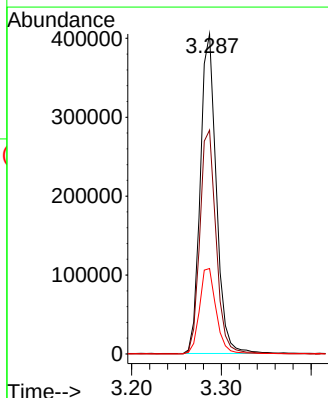
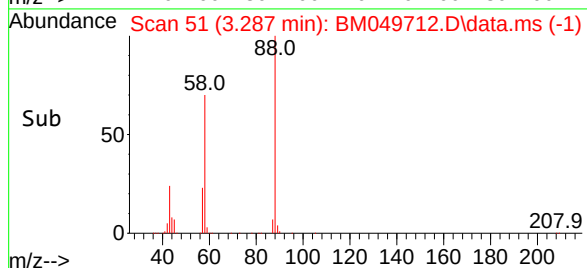
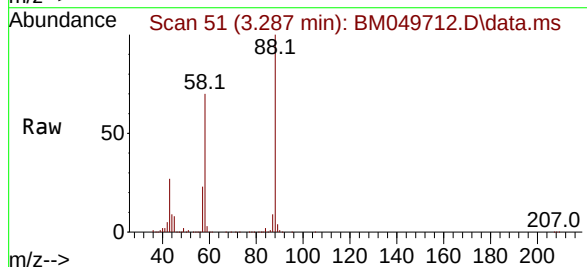
Manual Integrations
APPROVED

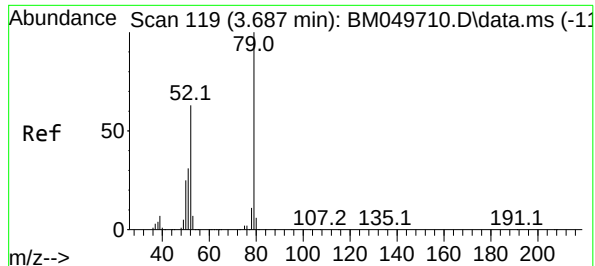
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#2
1,4-Dioxane
Concen: 61.795 ng
RT: 3.287 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion: 88 Resp: 500669
Ion Ratio Lower Upper
88 100
58 71.5 56.7 85.1
43 27.9 22.6 34.0





#3

Pyridine

Concen: 61.832 ng m

RT: 3.687 min Scan# 119

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 128101

Ion Ratio Lower Upper

79 100

52 63.3 50.1 75.1

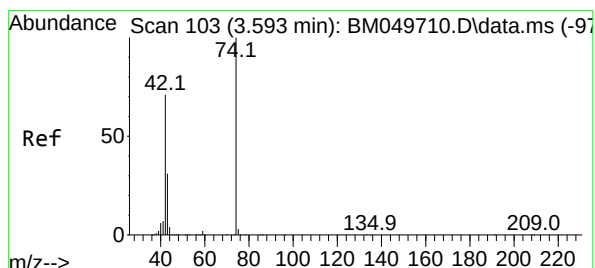
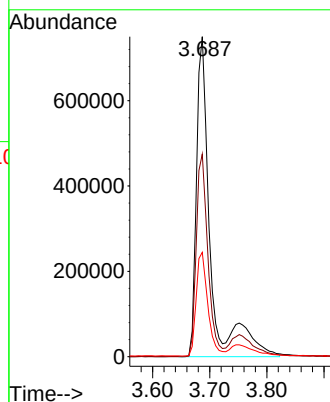
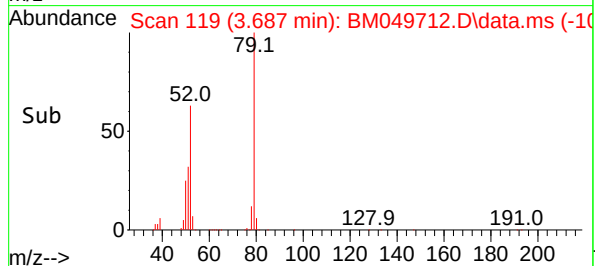
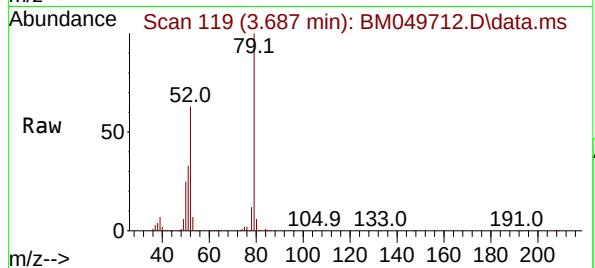
51 32.6 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#4

n-Nitrosodimethylamine

Concen: 62.064 ng

RT: 3.593 min Scan# 103

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

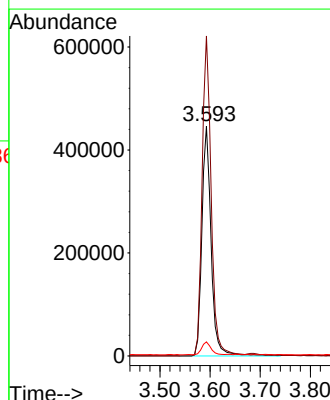
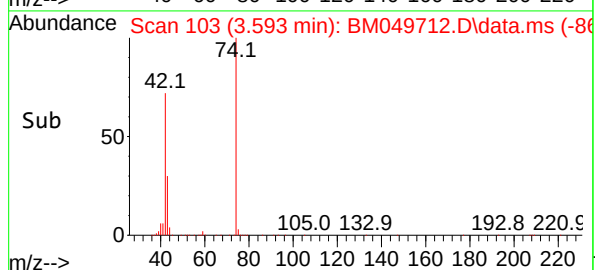
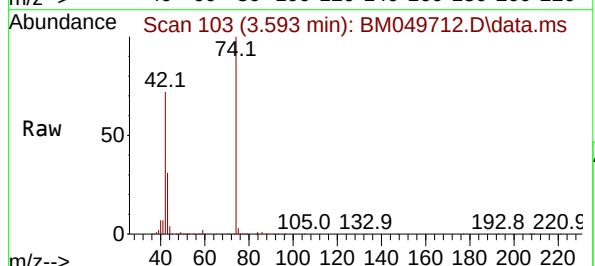
Tgt Ion: 42 Resp: 568214

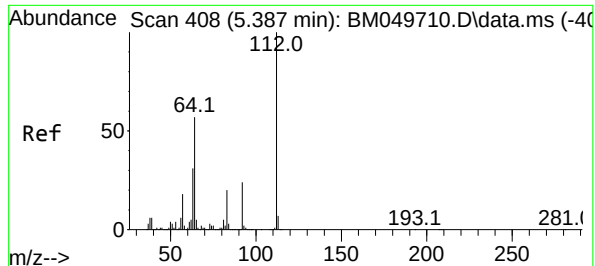
Ion Ratio Lower Upper

42 100

74 139.3 112.6 168.8

44 6.1 5.0 7.6





#5

2-Fluorophenol

Concen: 129.126 ng

RT: 5.387 min Scan# 408

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:112 Resp: 241671

Ion Ratio Lower Upper

112 100

64 56.1 45.3 67.9

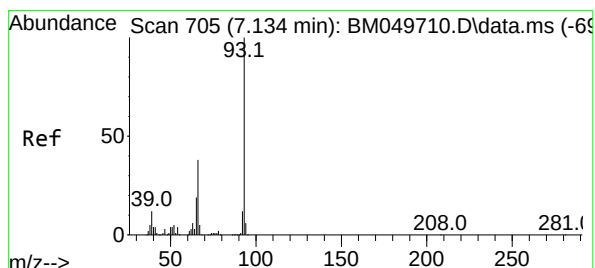
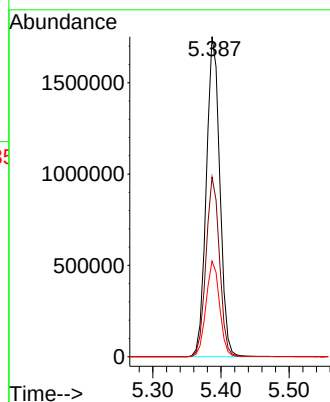
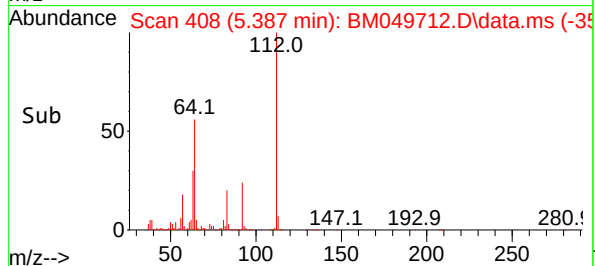
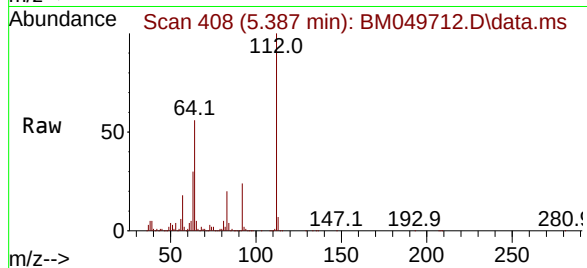
63 29.9 24.4 36.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#6

Aniline

Concen: 59.996 ng

RT: 7.140 min Scan# 706

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

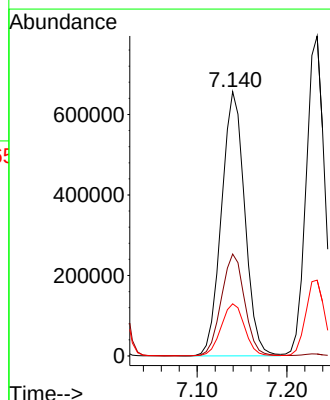
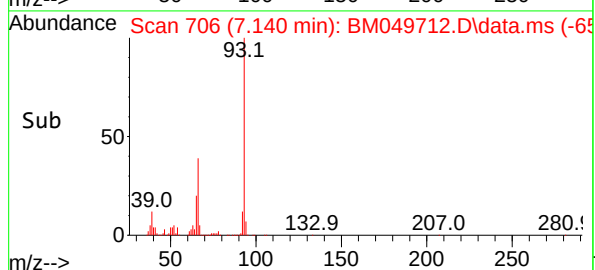
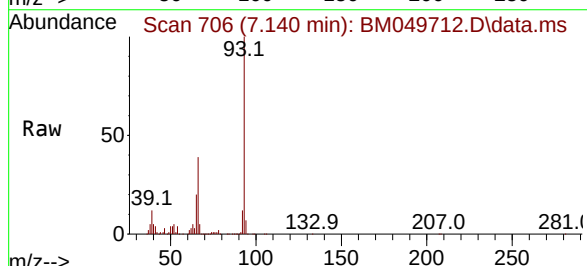
Tgt Ion: 93 Resp: 1180576

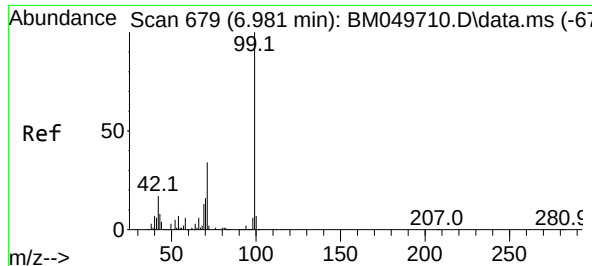
Ion Ratio Lower Upper

93 100

66 38.6 30.6 46.0

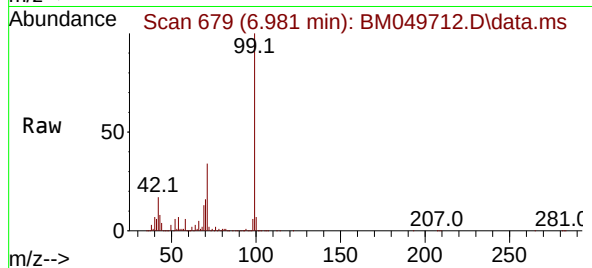
65 19.8 15.4 23.2





#7
Phenol-d6
Concen: 127.482 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

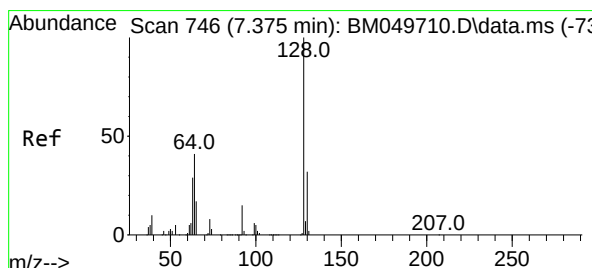
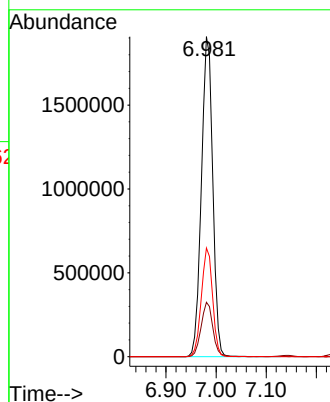
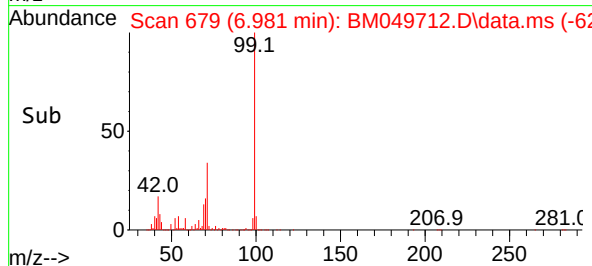
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 2994230
Ion Ratio Lower Upper
99 100
42 17.0 13.6 20.4
71 34.0 27.0 40.6

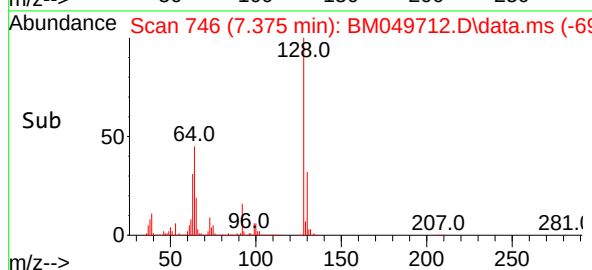
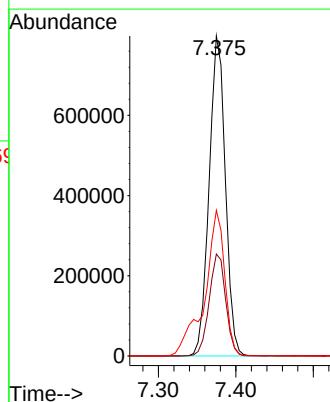
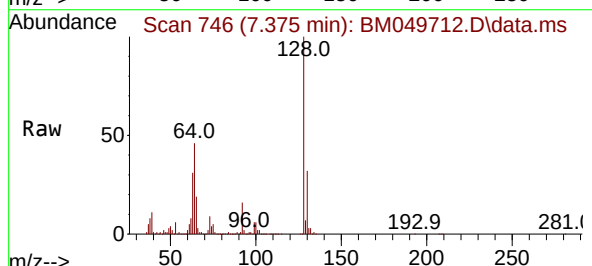
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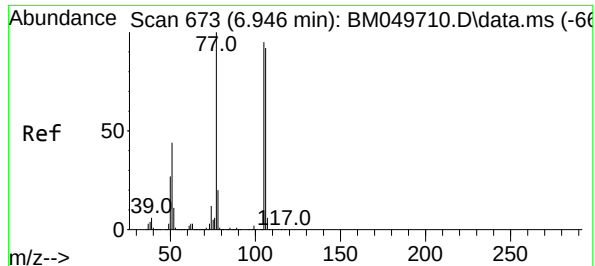
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#8
2-Chlorophenol
Concen: 62.692 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:128 Resp: 1161936
Ion Ratio Lower Upper
128 100
130 31.8 12.5 52.5
64 45.5 24.9 64.9





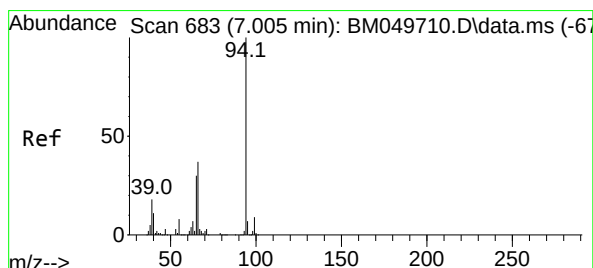
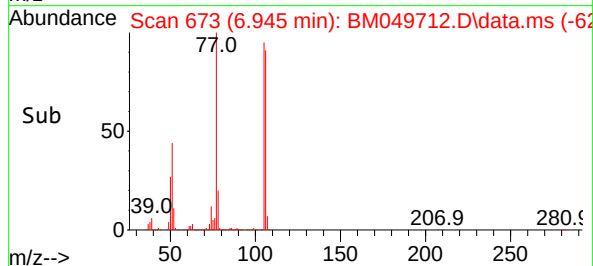
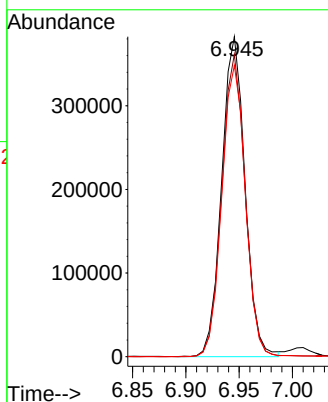
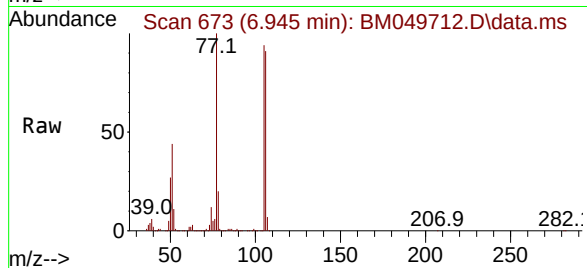
#9
Benzaldehyde
Concen: 50.156 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.001 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 58237
Ion Ratio Lower Upper
77 100
105 94.5 75.0 115.0
106 91.0 72.3 112.3

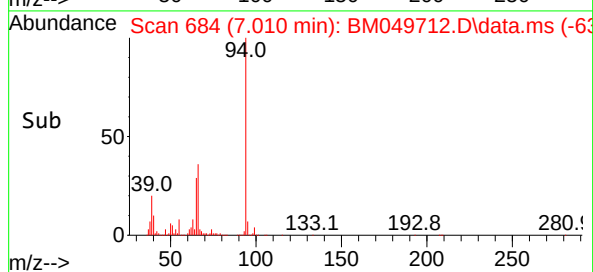
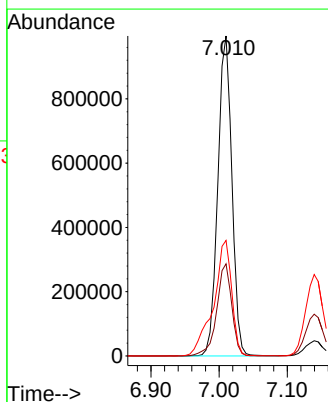
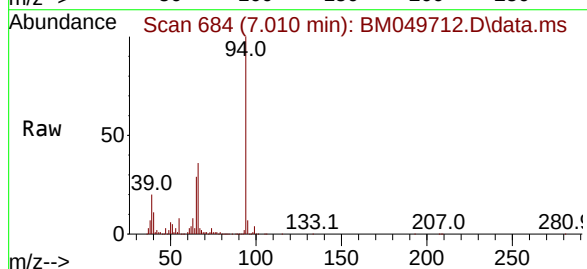
Manual Integrations
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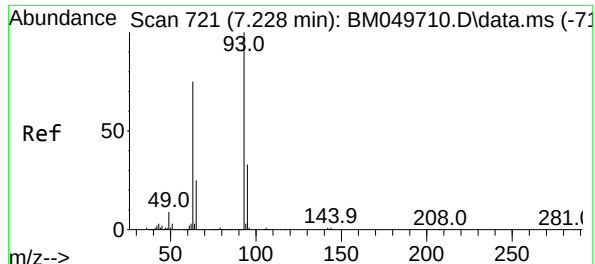
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#10
Phenol
Concen: 62.763 ng
RT: 7.010 min Scan# 684
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion: 94 Resp: 1429401
Ion Ratio Lower Upper
94 100
65 28.8 10.4 50.4
66 36.1 17.1 57.1





#11

bis(2-Chloroethyl)ether

Concen: 61.698 ng

RT: 7.234 min Scan# 721

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 113786

Ion Ratio Lower Upper

93 100

63 74.2 54.8 94.8

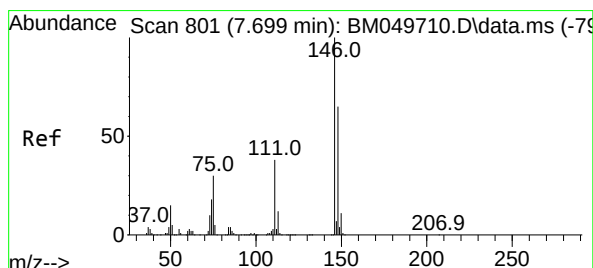
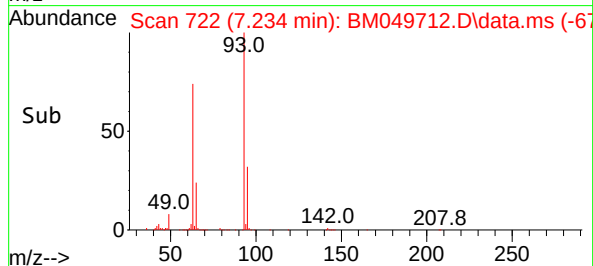
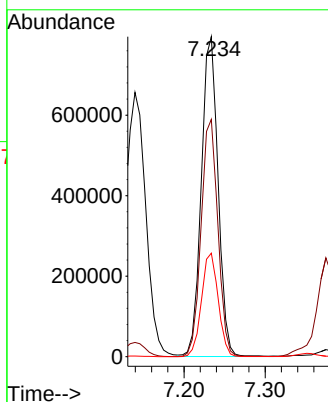
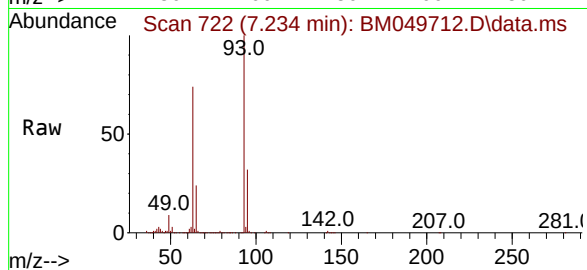
95 32.4 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#12

1,3-Dichlorobenzene

Concen: 61.881 ng

RT: 7.698 min Scan# 801

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

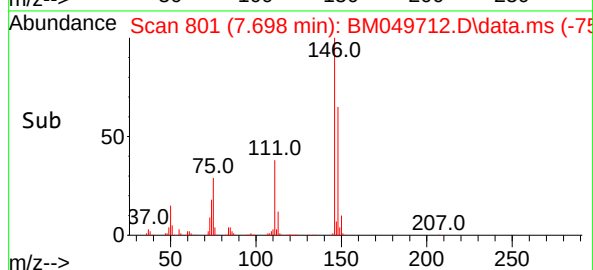
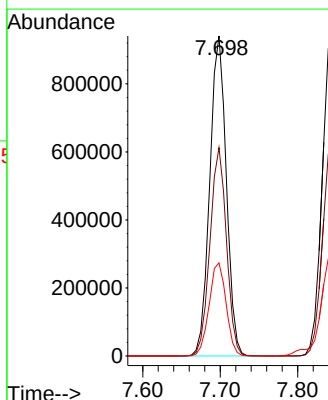
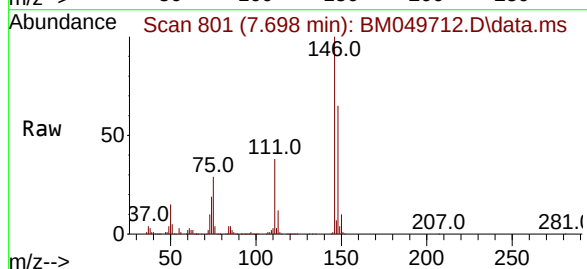
Tgt Ion:146 Resp: 1393806

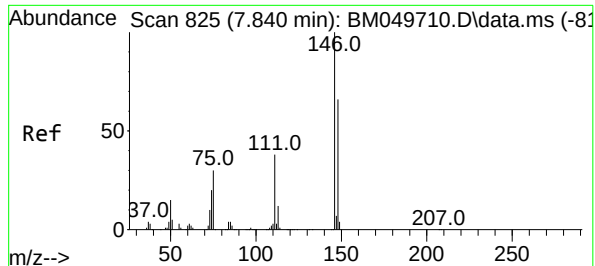
Ion Ratio Lower Upper

146 100

148 65.1 52.3 78.5

75 29.1 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 61.813 ng

RT: 7.845 min Scan# 80

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 140455

Ion Ratio Lower Upper

146 100

148 64.9 52.6 79.0

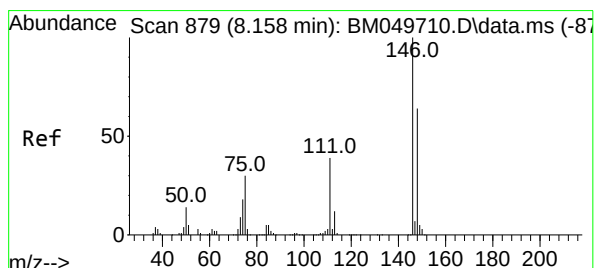
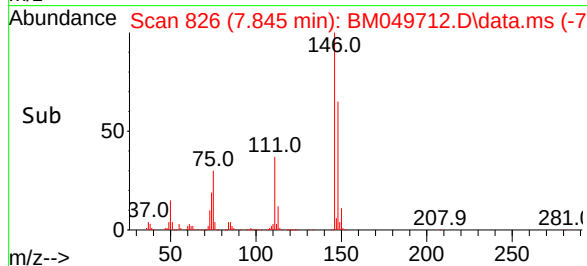
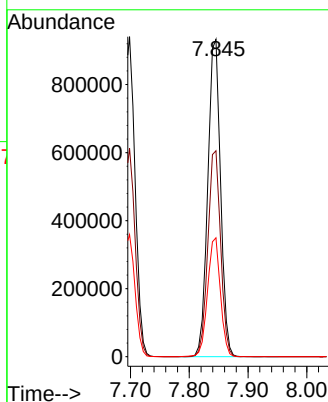
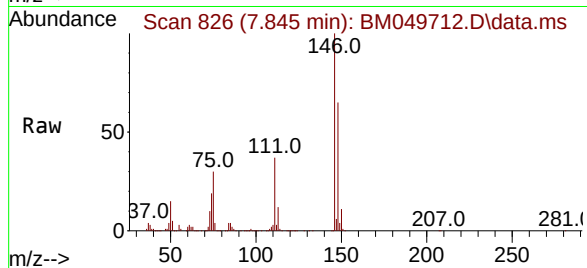
111 37.4 30.8 46.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#14

1,2-Dichlorobenzene

Concen: 61.320 ng

RT: 8.163 min Scan# 880

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

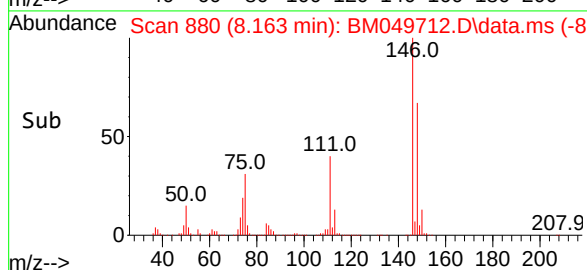
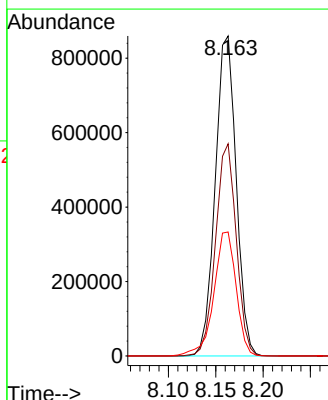
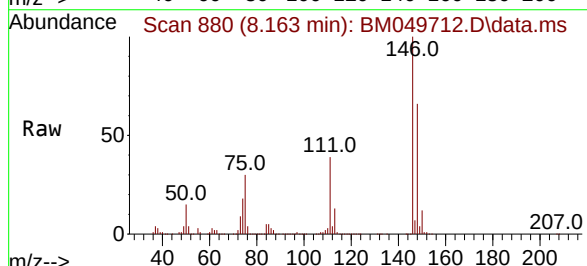
Tgt Ion:146 Resp: 1324220

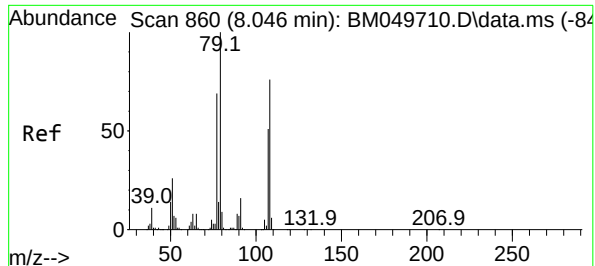
Ion Ratio Lower Upper

146 100

148 66.3 50.9 76.3

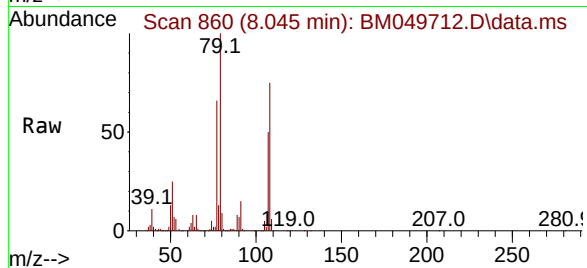
111 38.8 31.0 46.6





#15
Benzyl Alcohol
Concen: 64.048 ng
RT: 8.045 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

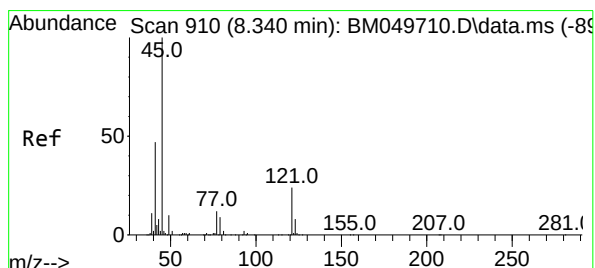
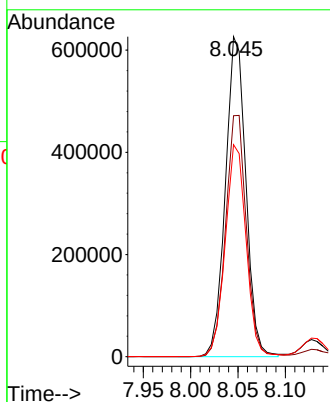
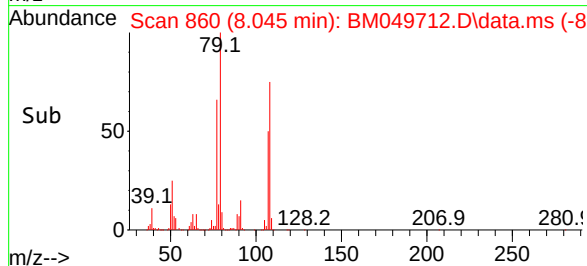
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



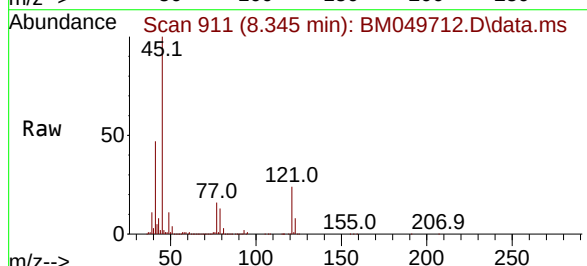
Tgt Ion: 79 Resp: 944038
Ion Ratio Lower Upper
79 100
108 75.3 60.7 91.1
77 66.3 55.4 83.2

Manual Integrations
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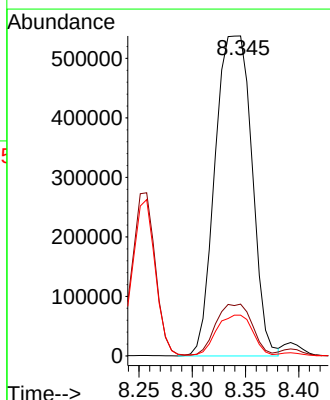
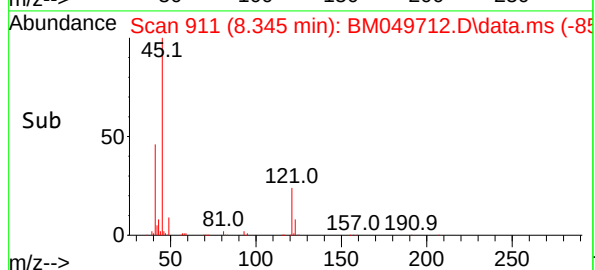
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

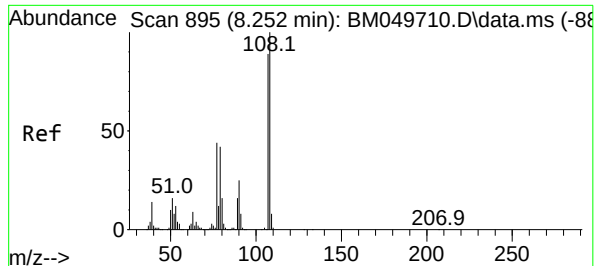


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.613 ng
RT: 8.345 min Scan# 911
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58



Tgt Ion: 45 Resp: 1292162
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.1
79 12.8 0.0 32.8





#17

2-Methylphenol

Concen: 62.967 ng

RT: 8.257 min Scan# 895

Delta R.T. 0.005 min

Lab File: BM049712.D

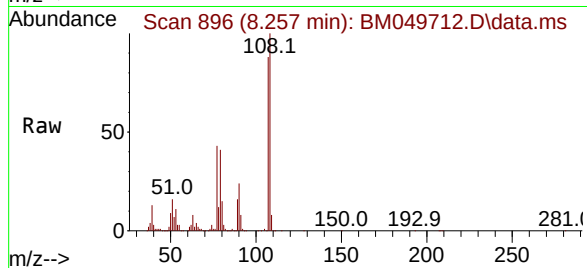
Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060



Tgt Ion:107 Resp: 85139

Ion Ratio Lower Upper

107 100

108 113.3 89.6 134.4

77 48.3 39.8 59.6

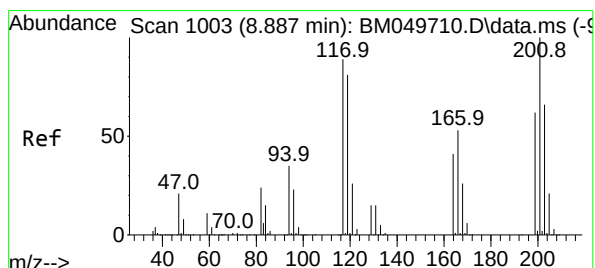
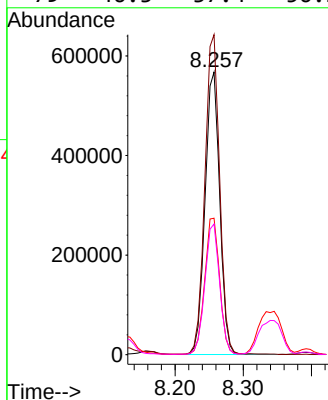
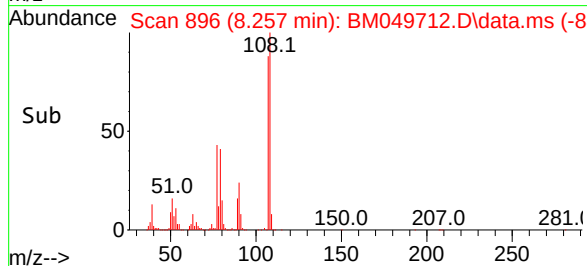
79 46.3 37.4 56.2

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#18

Hexachloroethane

Concen: 61.468 ng

RT: 8.892 min Scan# 1004

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

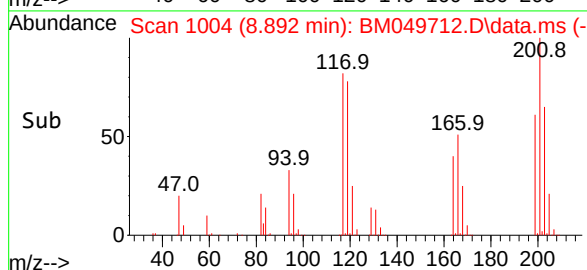
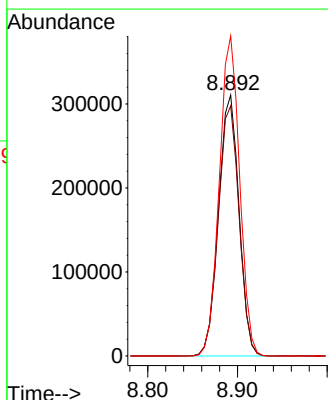
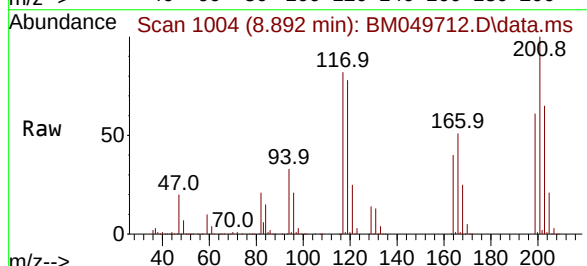
Tgt Ion:117 Resp: 493239

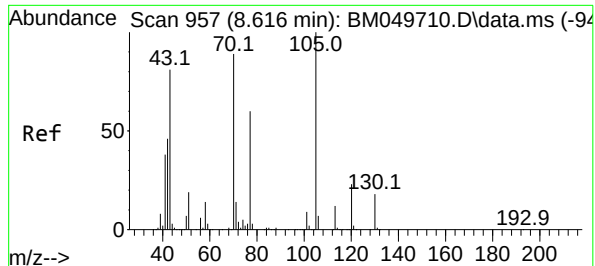
Ion Ratio Lower Upper

117 100

119 95.8 73.1 109.7

201 122.6 90.0 135.0





#19

n-Nitroso-di-n-propylamine

Concen: 63.565 ng

RT: 8.616 min Scan# 957

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 86571

Ion Ratio Lower Upper

70 100

42 51.8 41.8 62.6

101 8.8 7.7 11.5

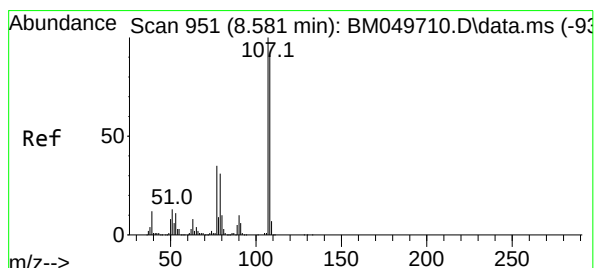
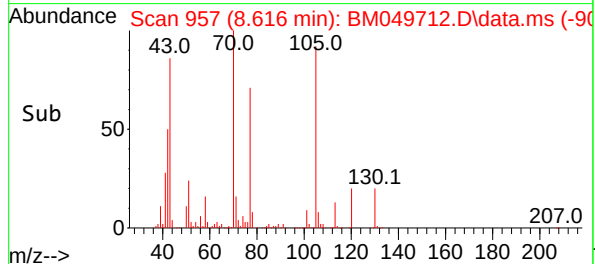
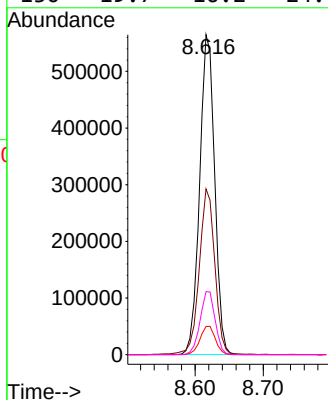
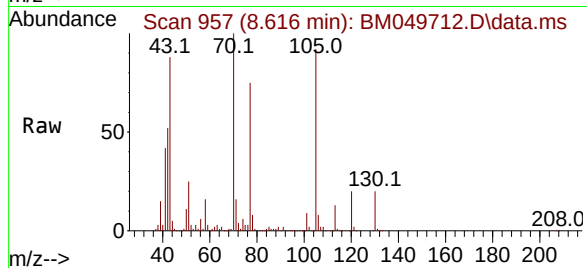
130 19.7 16.2 24.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#20

3+4-Methylphenols

Concen: 63.315 ng

RT: 8.581 min Scan# 951

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Tgt Ion:107 Resp: 1147270

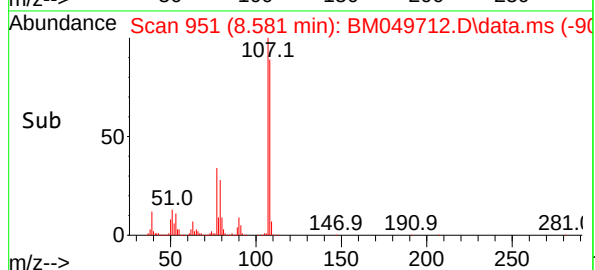
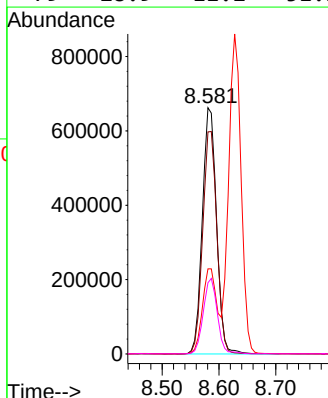
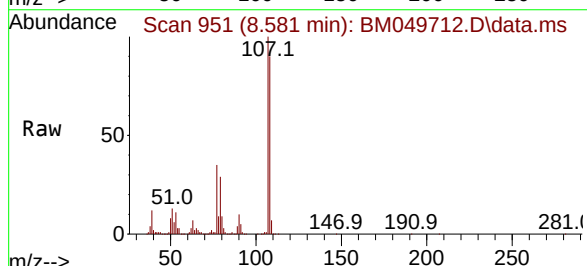
Ion Ratio Lower Upper

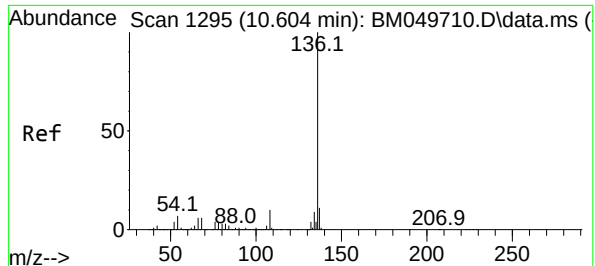
107 100

108 90.2 71.0 111.0

77 34.6 15.1 55.1

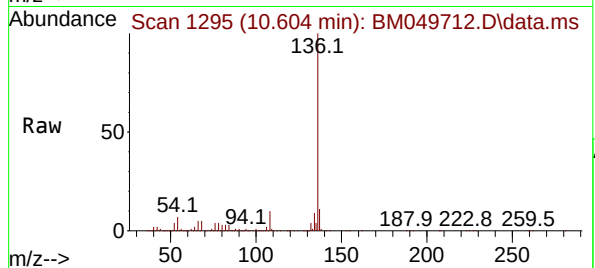
79 28.9 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

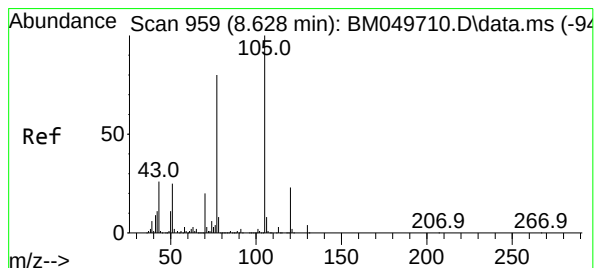
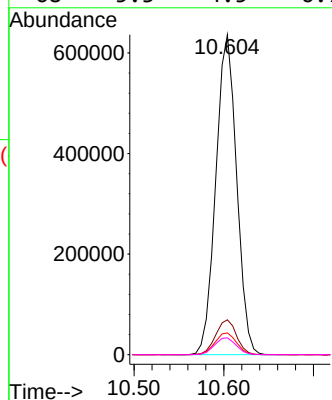
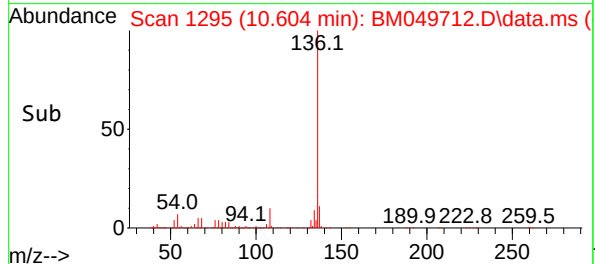
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 1024759
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.8 5.8 8.8
68 5.3 4.5 6.7

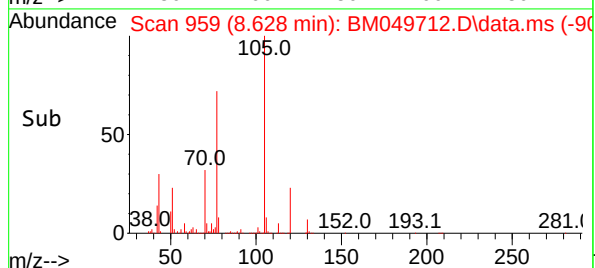
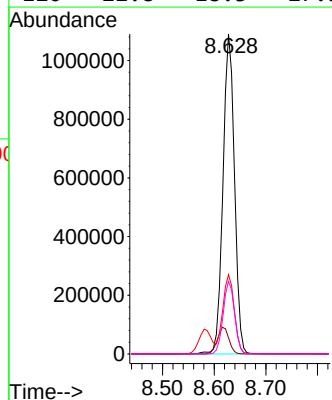
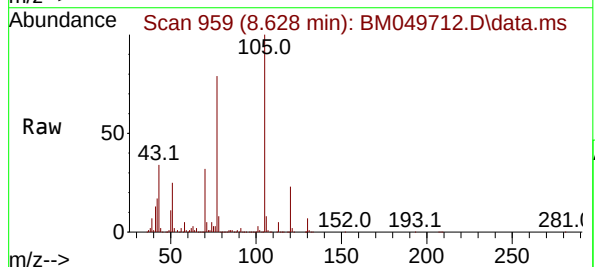
Manual Integrations
APPROVED

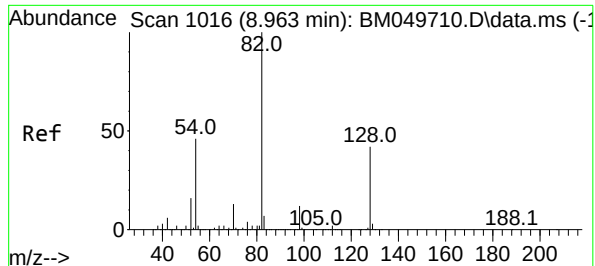
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#22
Acetophenone
Concen: 63.809 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:105 Resp: 1686019
Ion Ratio Lower Upper
105 100
71 5.1 2.5 3.7#
51 24.7 19.9 29.9
120 22.8 18.3 27.5





#23
Nitrobenzene-d5
Concen: 129.447 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

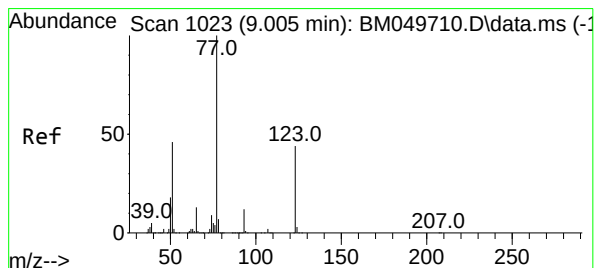
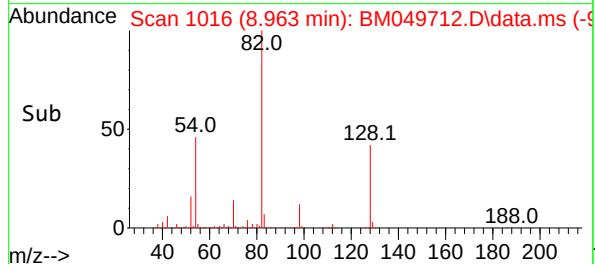
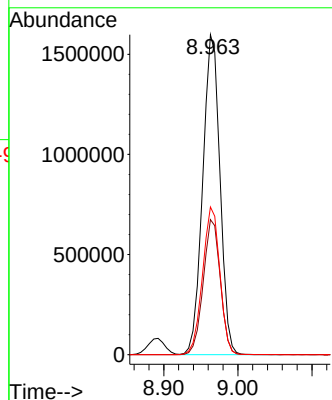
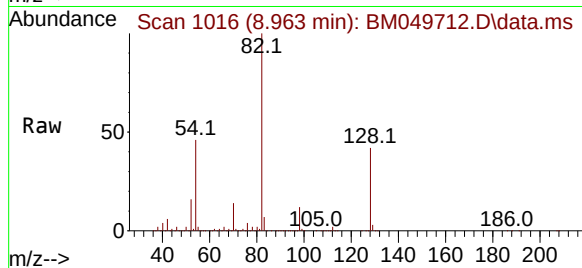
ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 2583700
Ion Ratio Lower Upper
82 100
128 42.2 33.4 50.0
54 46.1 36.4 54.6

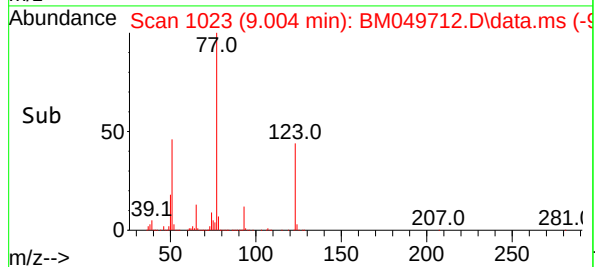
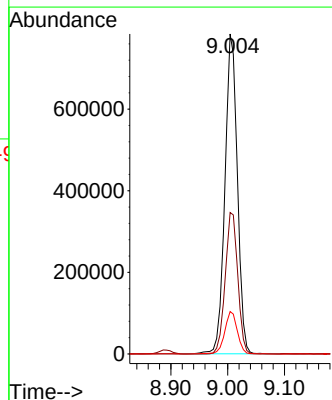
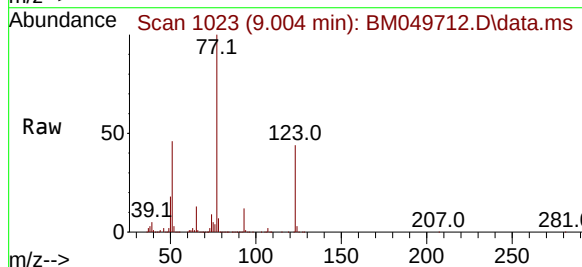
Manual Integrations
APPROVED

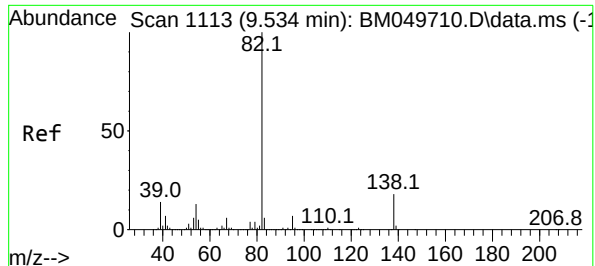
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#24
Nitrobenzene
Concen: 63.615 ng
RT: 9.004 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

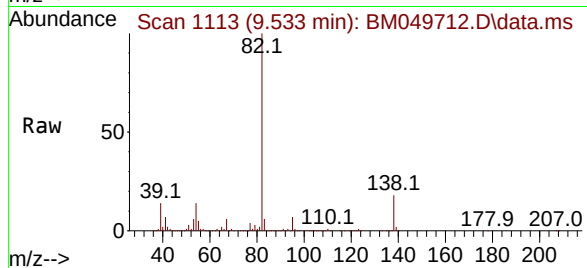
Tgt Ion: 77 Resp: 1197256
Ion Ratio Lower Upper
77 100
123 44.2 34.9 52.3
65 13.3 10.6 15.8





#25
Isophorone
Concen: 64.875 ng
RT: 9.533 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

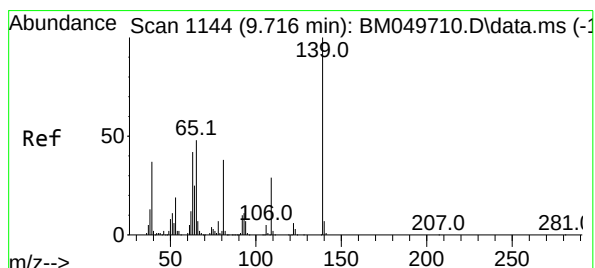
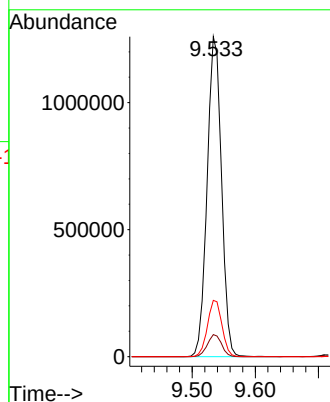
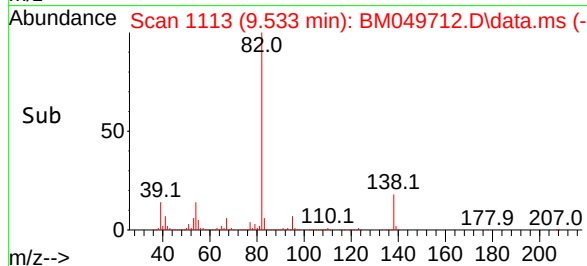
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion: 82 Resp: 1988098
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 17.6 14.4 21.6

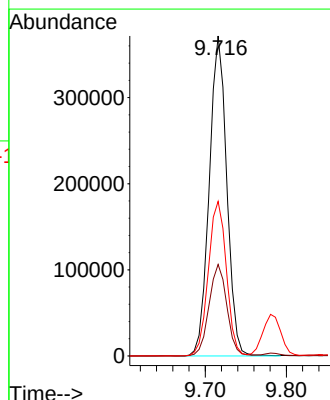
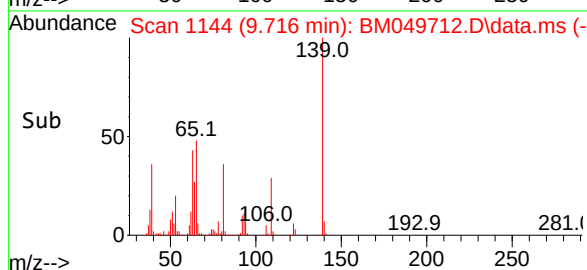
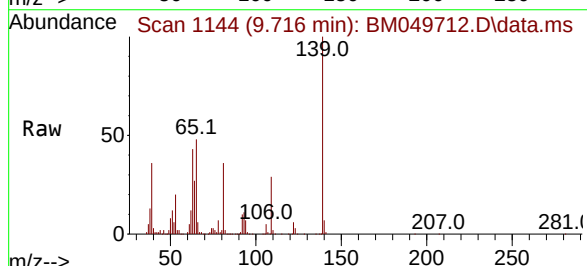
Manual Integrations
APPROVED

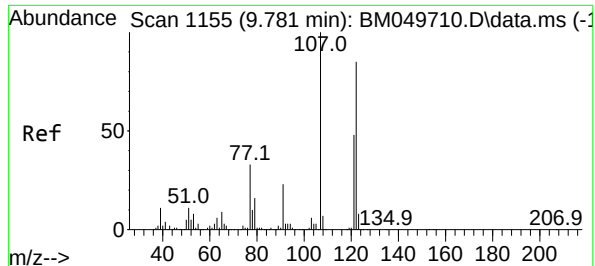
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#26
2-Nitrophenol
Concen: 69.411 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

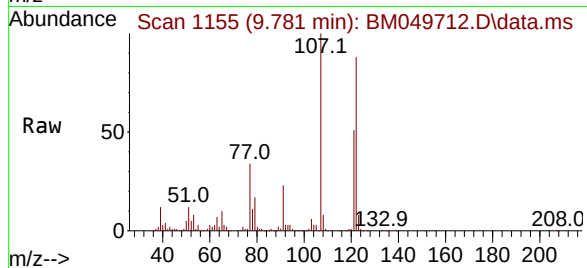
Tgt Ion:139 Resp: 556011
Ion Ratio Lower Upper
139 100
109 28.6 23.3 34.9
65 48.3 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 65.658 ng
RT: 9.781 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

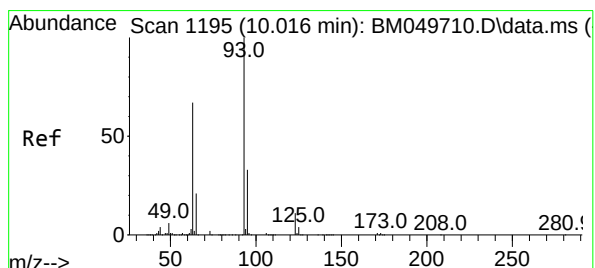
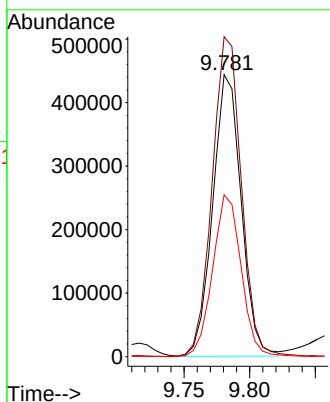
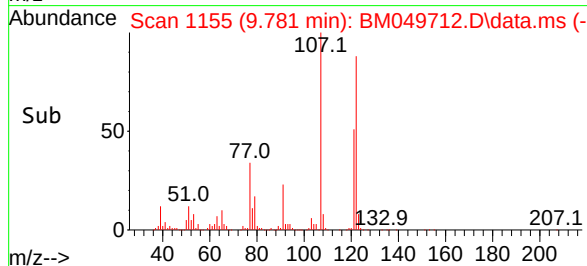
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:122 Resp: 669470
Ion Ratio Lower Upper
122 100
107 113.5 94.3 141.5
121 57.4 45.4 68.2

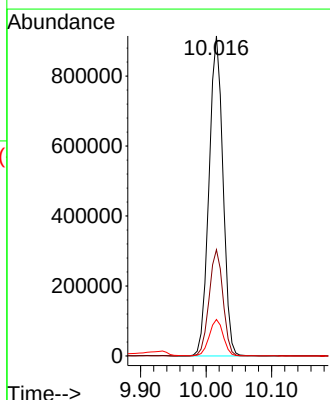
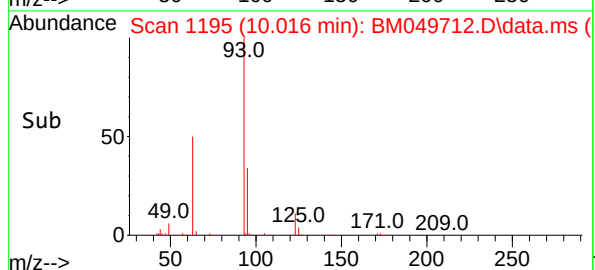
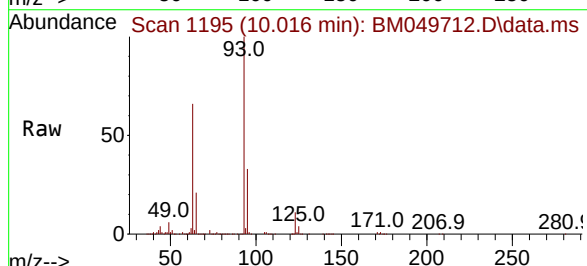
Manual Integrations
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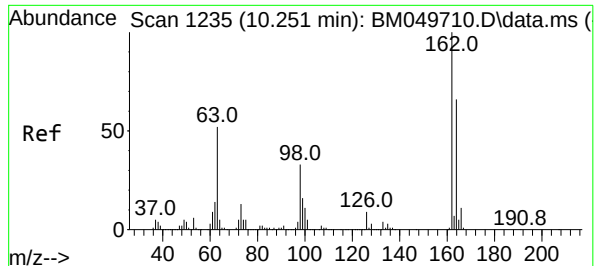
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 62.714 ng
RT: 10.016 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion: 93 Resp: 1353615
Ion Ratio Lower Upper
93 100
95 33.2 26.6 40.0
123 11.4 9.0 13.6





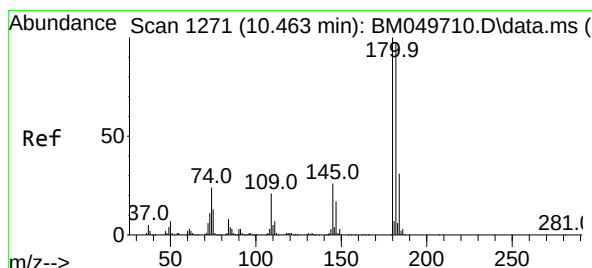
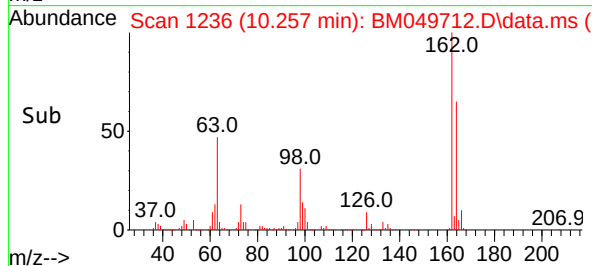
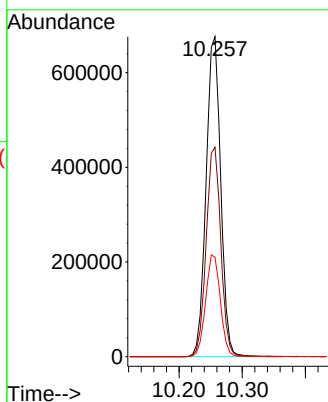
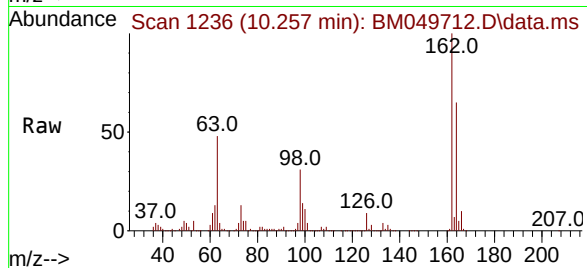
#29
2,4-Dichlorophenol
Concen: 65.322 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 108529
Ion Ratio Lower Upper
162 100
164 65.5 46.3 86.3
98 31.1 12.8 52.8

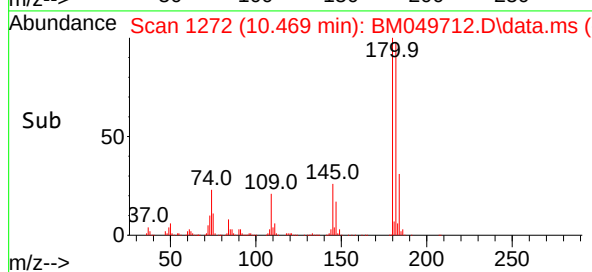
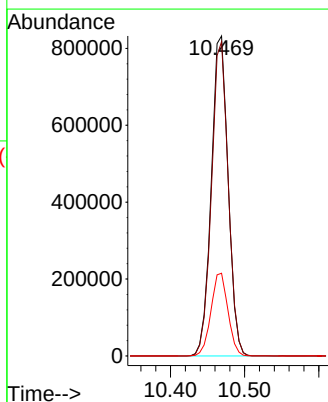
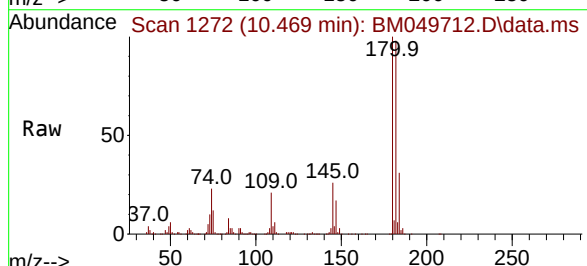
Manual Integrations
APPROVED

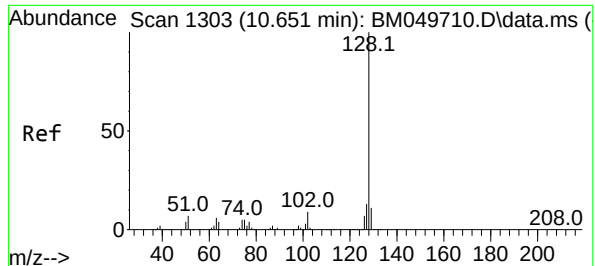
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#30
1,2,4-Trichlorobenzene
Concen: 63.227 ng
RT: 10.469 min Scan# 1272
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:180 Resp: 1314305
Ion Ratio Lower Upper
180 100
182 98.2 77.7 116.5
145 25.8 21.0 31.4





#31

Naphthalene

Concen: 63.997 ng

RT: 10.651 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:128 Resp: 3372239

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

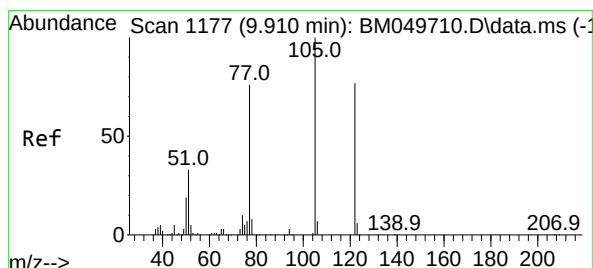
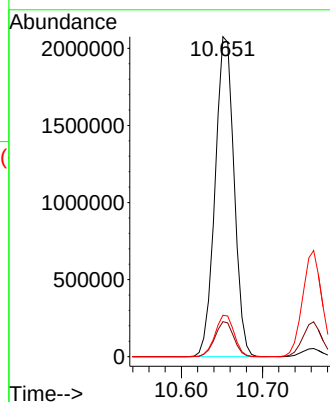
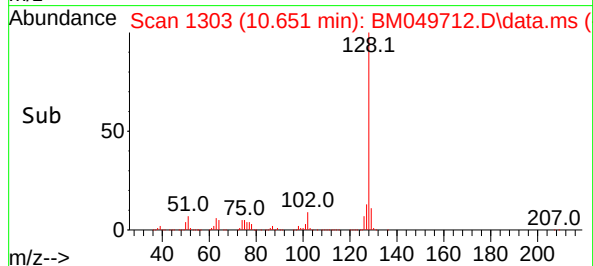
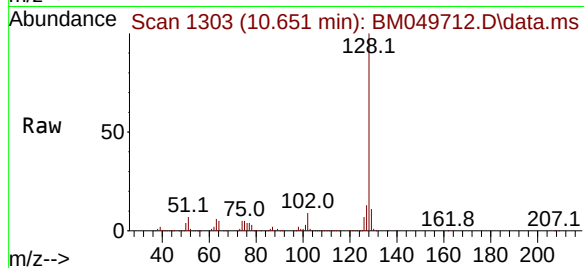
127 13.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#32

Benzoic acid

Concen: 70.482 ng

RT: 9.933 min Scan# 1181

Delta R.T. 0.023 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

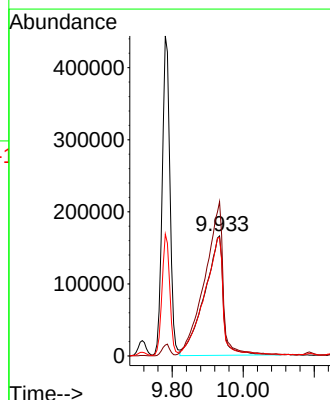
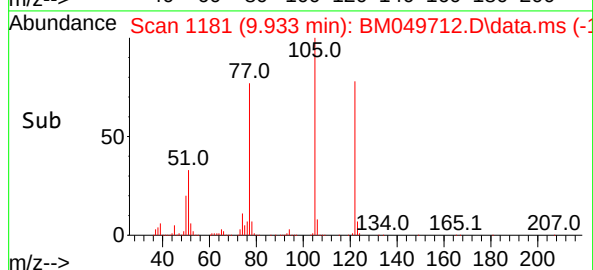
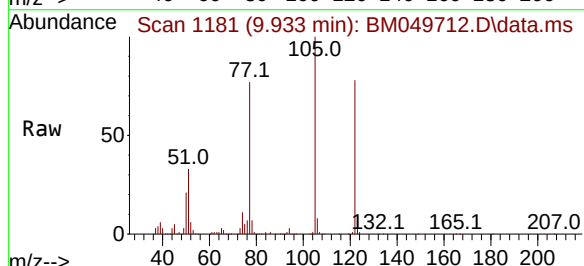
Tgt Ion:122 Resp: 611385

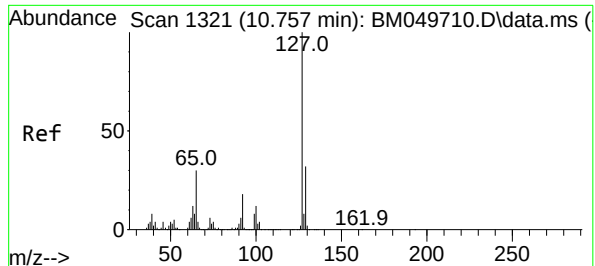
Ion Ratio Lower Upper

122 100

105 128.5 105.6 145.6

77 98.8 76.9 116.9





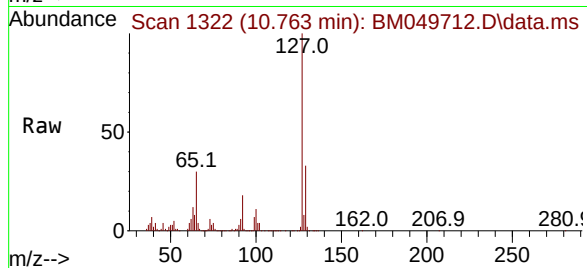
#33
4-Chloroaniline
Concen: 63.446 ng
RT: 10.763 min Scan# 1322
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

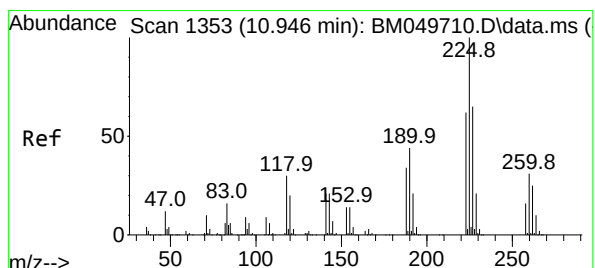
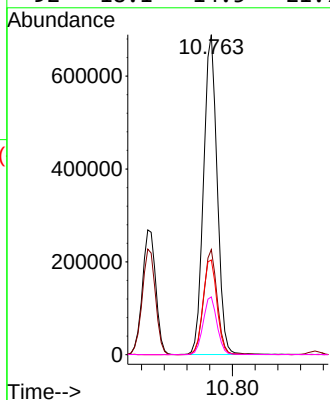
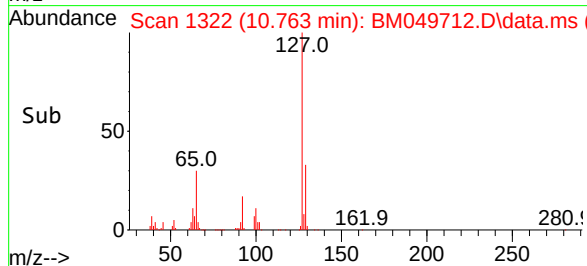


Tgt Ion:127 Resp: 114096
Ion Ratio Lower Upper
127 100
129 32.8 25.7 38.5
65 29.6 24.1 36.1
92 18.1 14.5 21.7

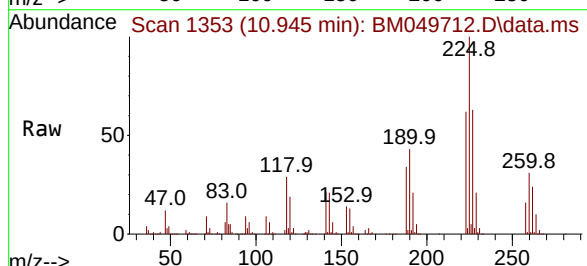
Manual Integrations

APPROVED

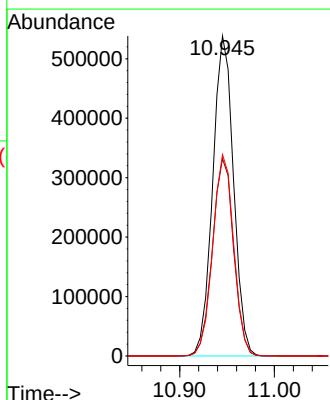
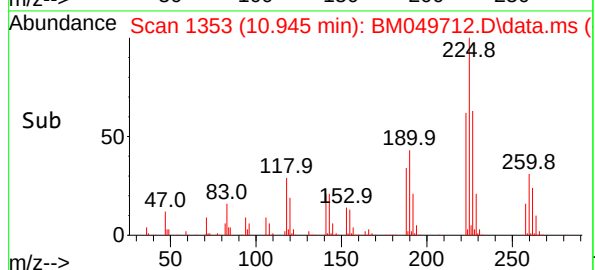
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

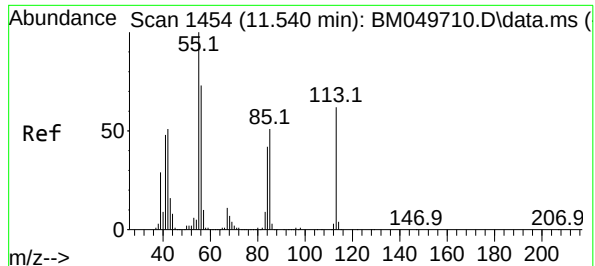


#34
Hexachlorobutadiene
Concen: 63.912 ng
RT: 10.945 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58



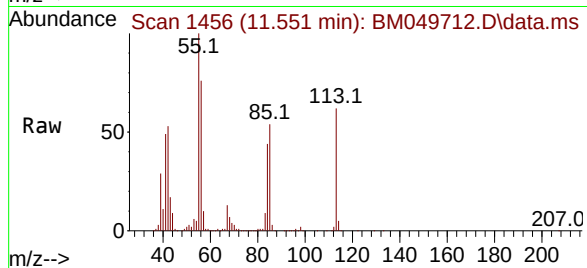
Tgt Ion:225 Resp: 820160
Ion Ratio Lower Upper
225 100
223 61.7 49.8 74.8
227 62.9 52.1 78.1





#35
Caprolactam
Concen: 69.264 ng
RT: 11.551 min Scan# 1456
Delta R.T. 0.011 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

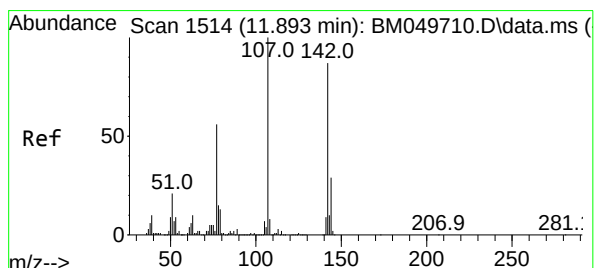
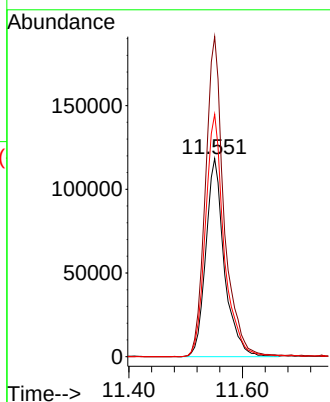
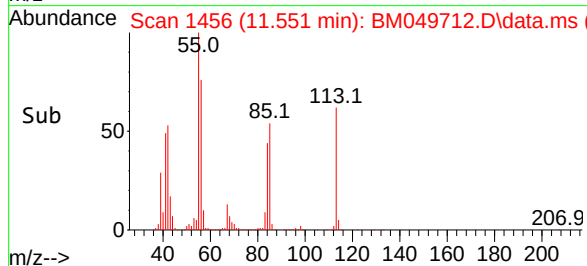
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 26717
Ion Ratio Lower Upper
113 100
55 161.5 141.8 181.8
56 122.3 98.0 138.0

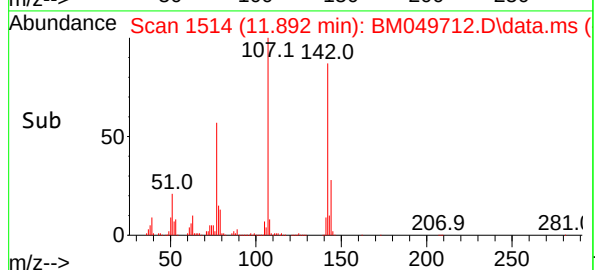
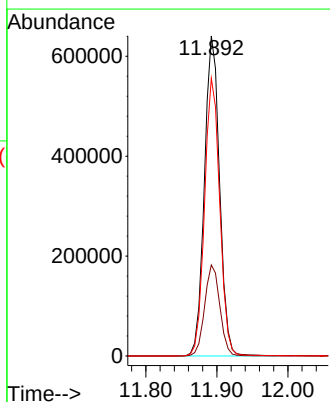
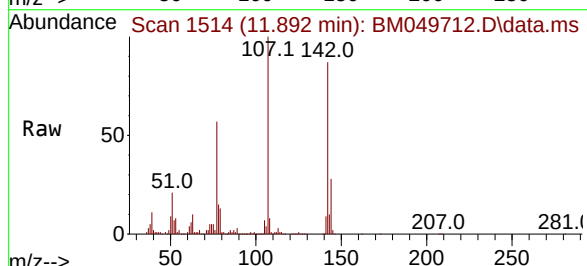
Manual Integrations
APPROVED

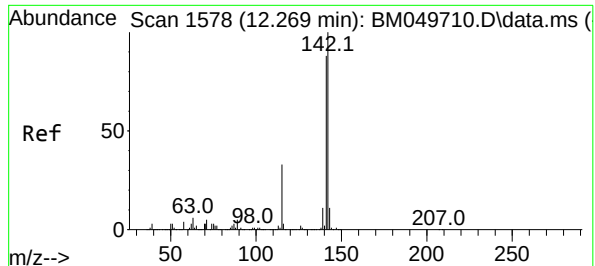
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#36
4-Chloro-3-methylphenol
Concen: 66.827 ng
RT: 11.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

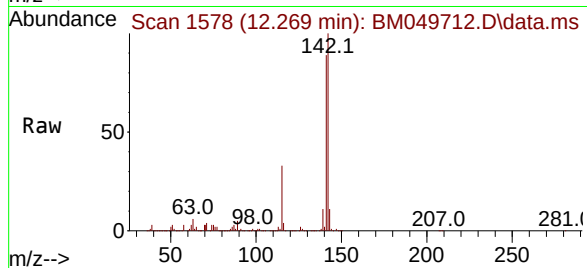
Tgt Ion:107 Resp: 952831
Ion Ratio Lower Upper
107 100
144 28.5 23.0 34.6
142 86.7 69.8 104.8





#37
2-Methylnaphthalene
Concen: 64.061 ng
RT: 12.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

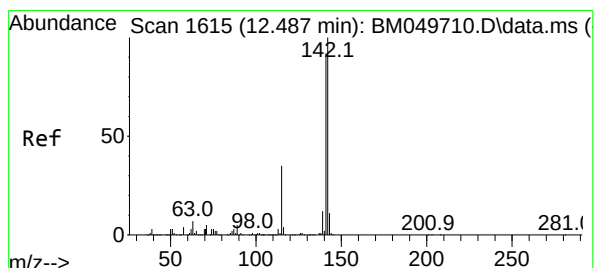
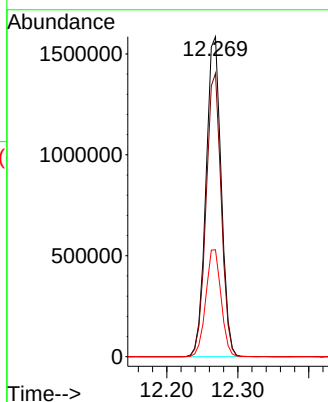
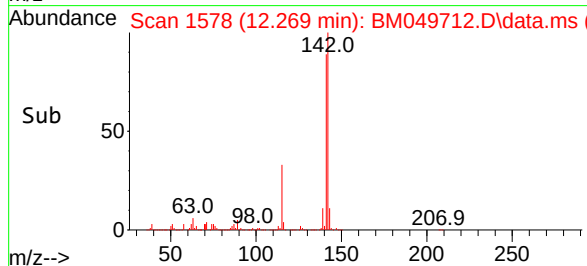
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:142 Resp: 2360362
Ion Ratio Lower Upper
142 100
141 88.5 70.5 105.7
115 33.4 26.5 39.7

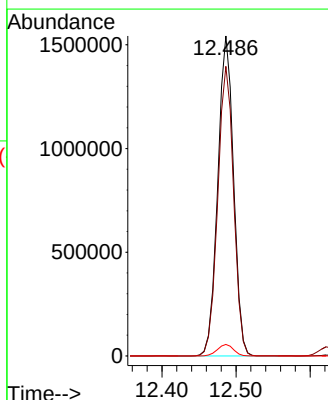
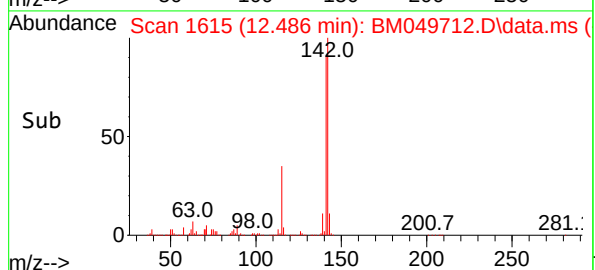
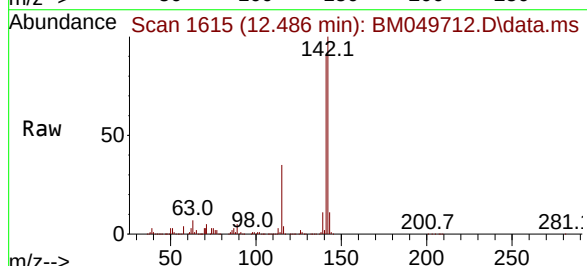
Manual Integrations
APPROVED

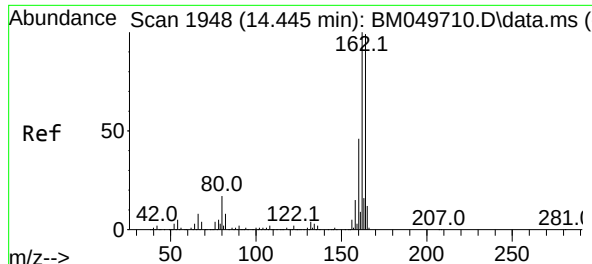
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#38
1-Methylnaphthalene
Concen: 64.106 ng
RT: 12.486 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

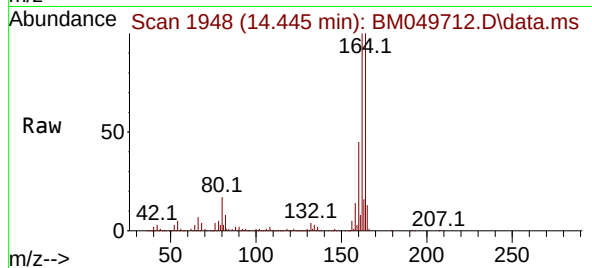
Tgt Ion:142 Resp: 2278919
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.2
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

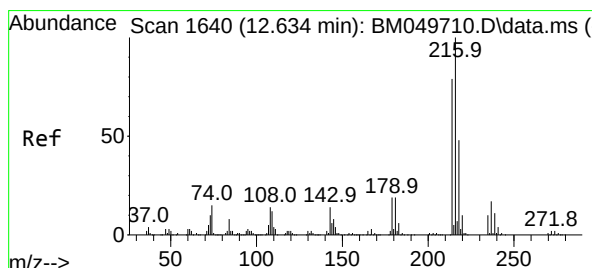
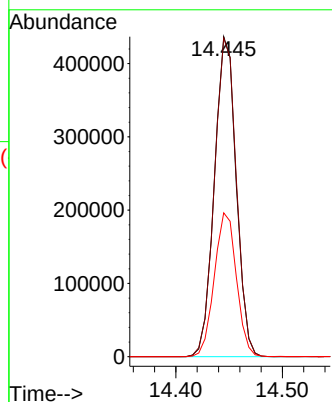
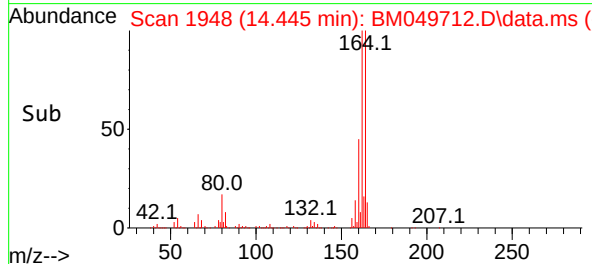
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:164 Resp: 618823
Ion Ratio Lower Upper
164 100
162 99.5 80.5 120.7
160 44.9 36.9 55.3

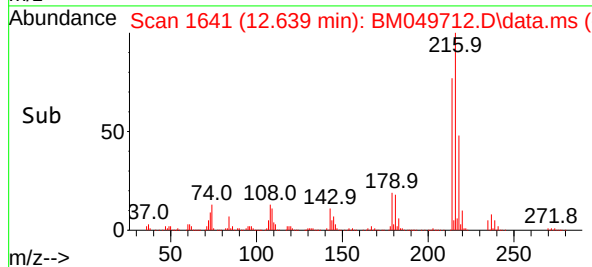
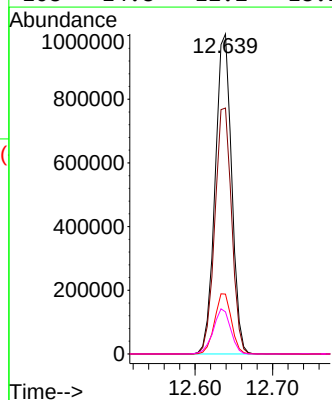
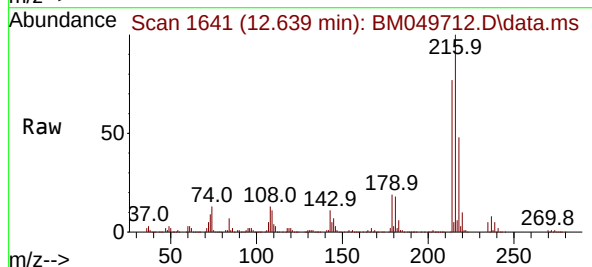
Manual Integrations
APPROVED

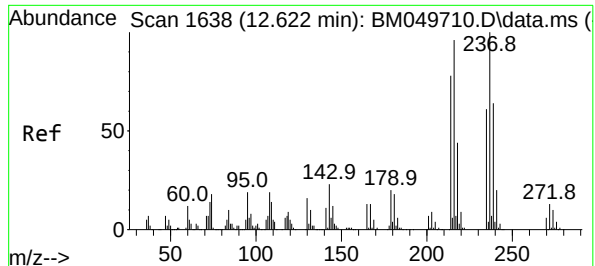
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 65.259 ng
RT: 12.639 min Scan# 1641
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

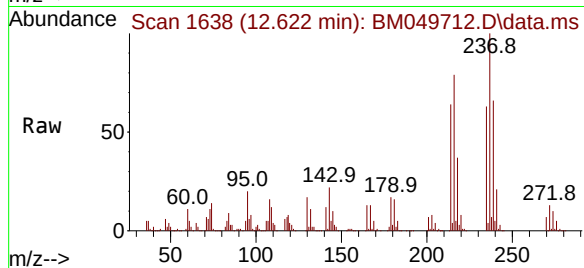
Tgt Ion:216 Resp: 1483366
Ion Ratio Lower Upper
216 100
214 78.1 63.5 95.3
179 19.1 15.7 23.5
108 14.8 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 66.191 ng
RT: 12.622 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

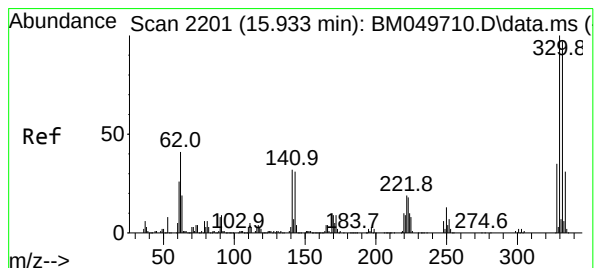
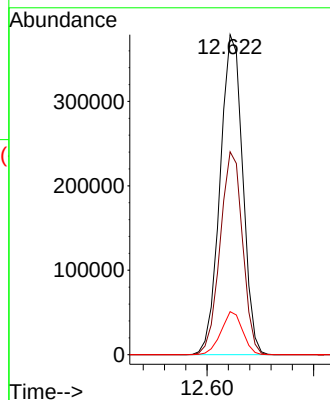
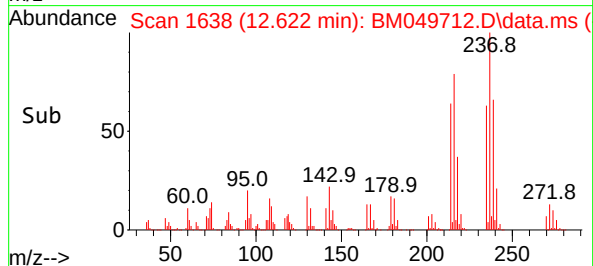
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion: 237 Resp: 557389
Ion Ratio Lower Upper
237 100
235 63.4 41.1 81.1
272 13.5 0.0 32.5

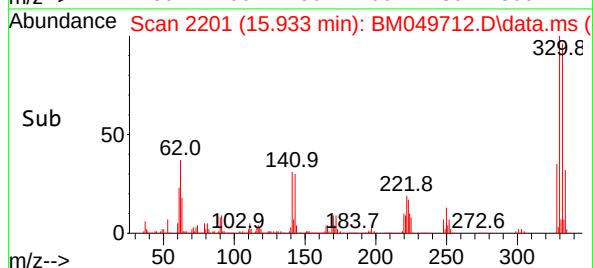
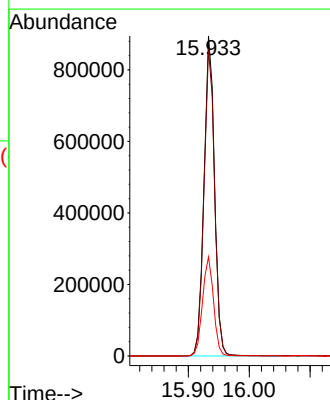
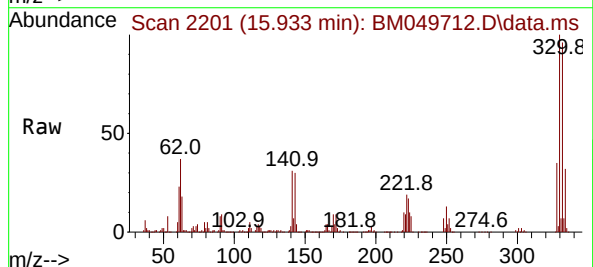
Manual Integrations
APPROVED

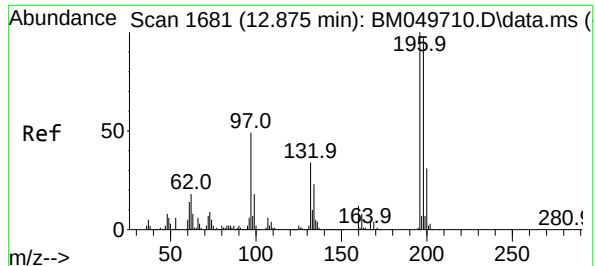
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#42
2,4,6-Tribromophenol
Concen: 148.622 ng
RT: 15.933 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion: 330 Resp: 1073944
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 32.4 27.8 41.6





#43

2,4,6-Trichlorophenol

Concen: 67.864 ng

RT: 12.880 min Scan# 1682

Delta R.T. 0.005 min

Lab File: BM049712.D

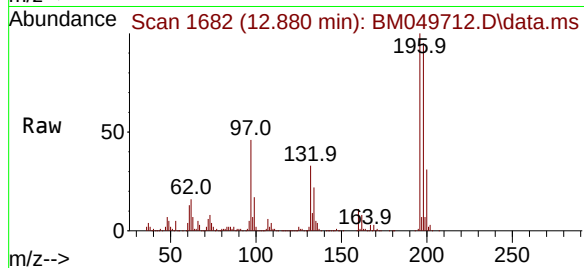
Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060



Tgt Ion:196 Resp: 86395

Ion Ratio Lower Upper

196 100

198 95.4 78.3 117.5

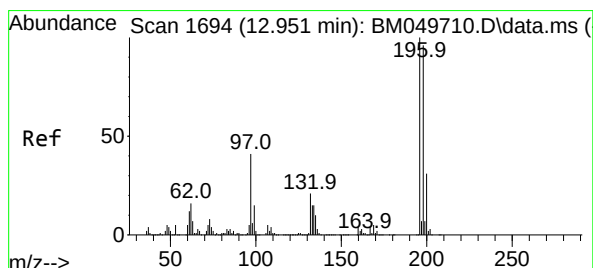
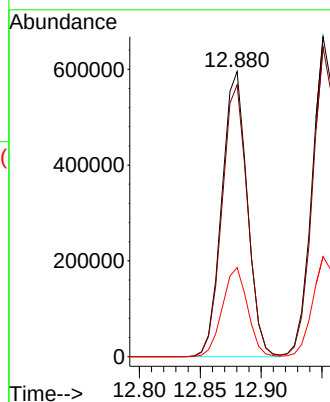
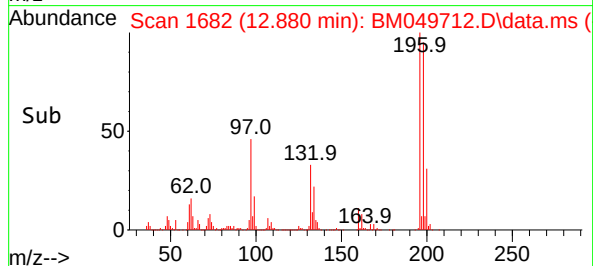
200 31.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#44

2,4,5-Trichlorophenol

Concen: 67.377 ng

RT: 12.951 min Scan# 1694

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Tgt Ion:196 Resp: 936029

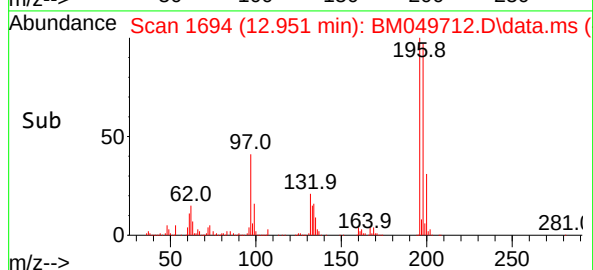
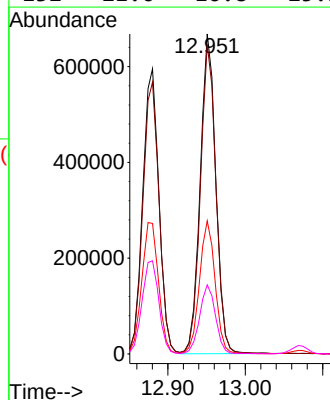
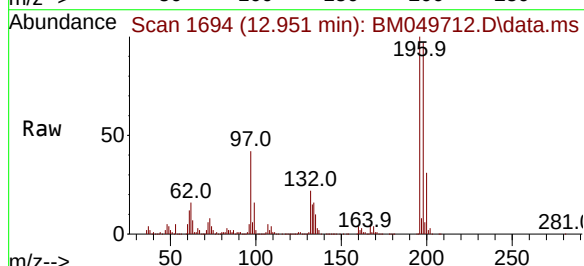
Ion Ratio Lower Upper

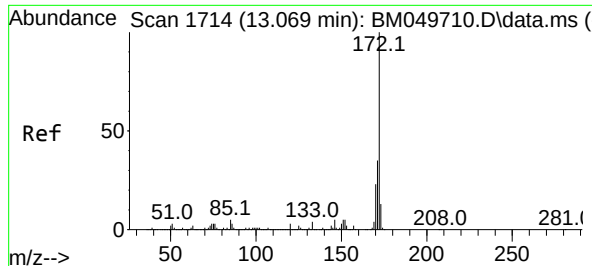
196 100

198 96.7 76.7 115.1

97 41.6 32.9 49.3

132 21.6 16.8 25.2





#45
2-Fluorobiphenyl
Concen: 131.059 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

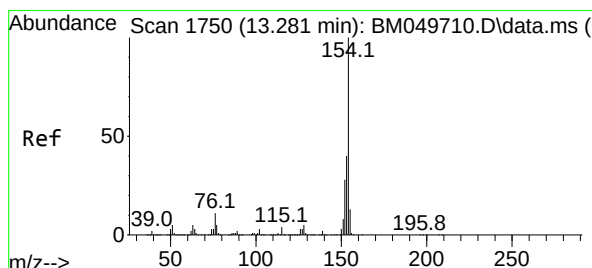
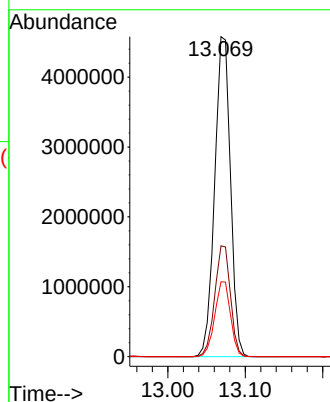
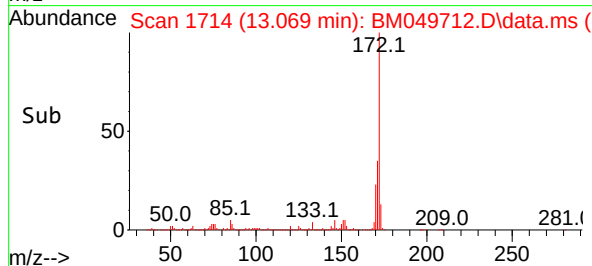
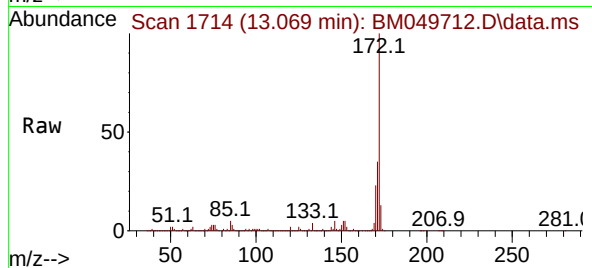
Tgt Ion:172 Resp: 647586

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.4	18.6	28.0

Manual Integrations

APPROVED

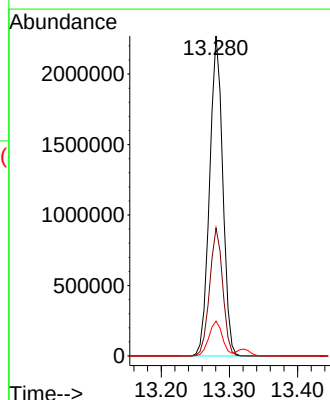
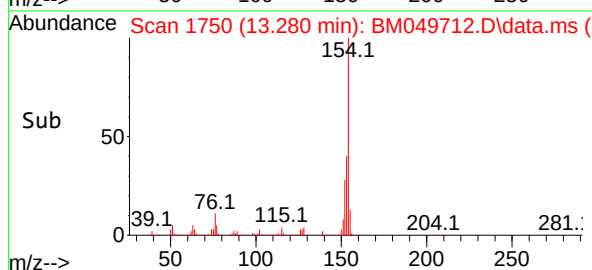
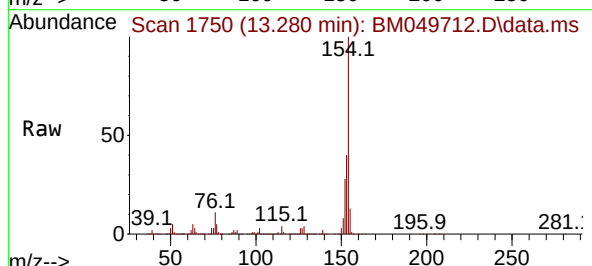
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

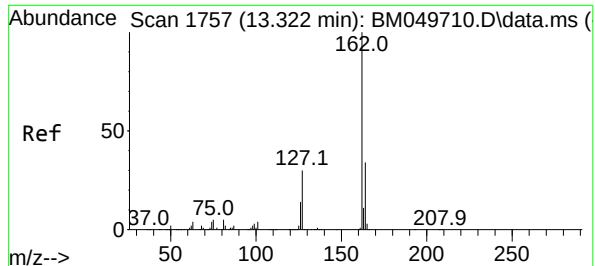


#46
1,1'-Biphenyl
Concen: 63.921 ng
RT: 13.280 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:154 Resp: 3048618

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.7	59.7
76	10.9	0.0	31.2





#47

2-Chloronaphthalene

Concen: 64.138 ng

RT: 13.321 min Scan# 1757

Delta R.T. -0.000 min

Lab File: BM049712.D

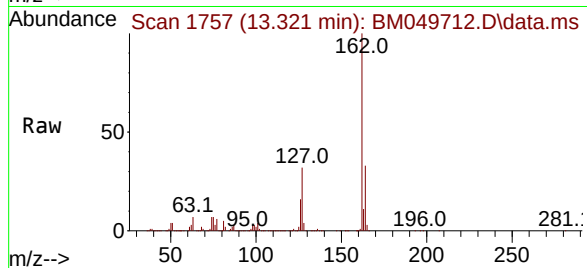
Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060



Tgt Ion:162 Resp: 2381008

Ion Ratio Lower Upper

162 100

127 32.2 25.8 38.6

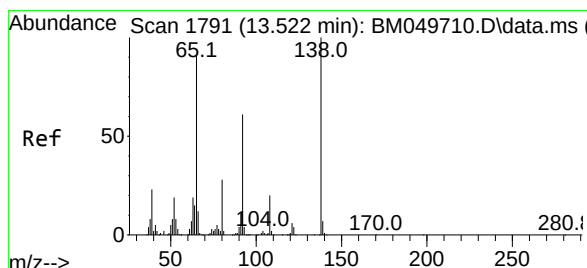
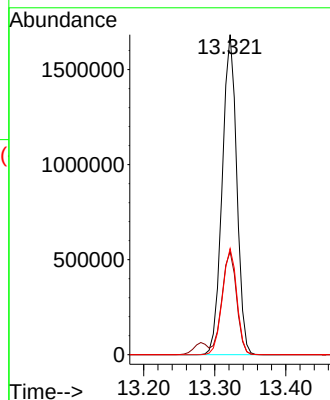
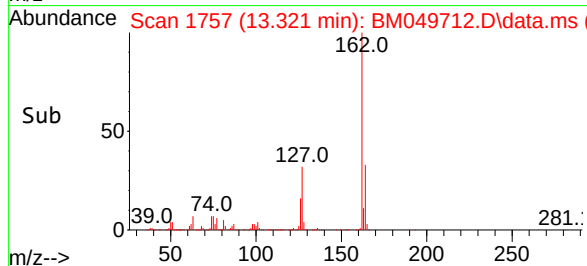
164 33.2 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#48

2-Nitroaniline

Concen: 69.424 ng

RT: 13.521 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

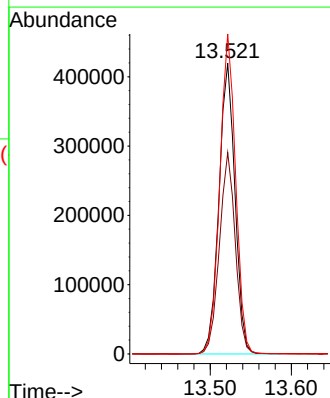
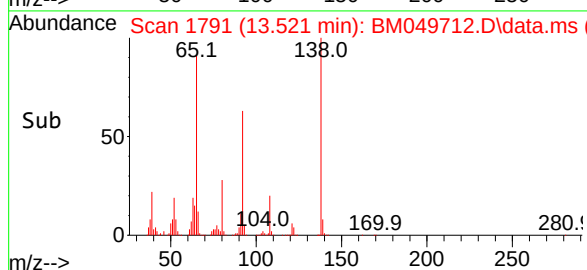
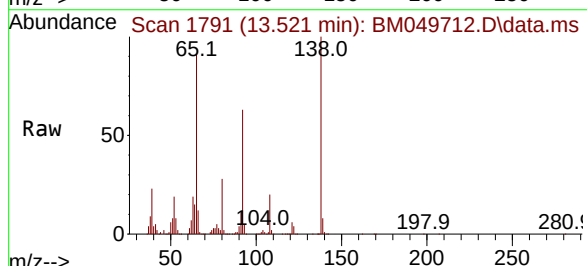
Tgt Ion: 65 Resp: 578552

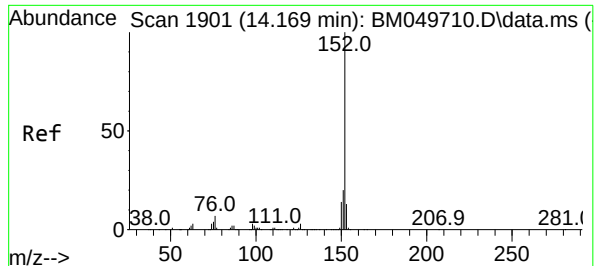
Ion Ratio Lower Upper

65 100

92 69.3 53.4 80.2

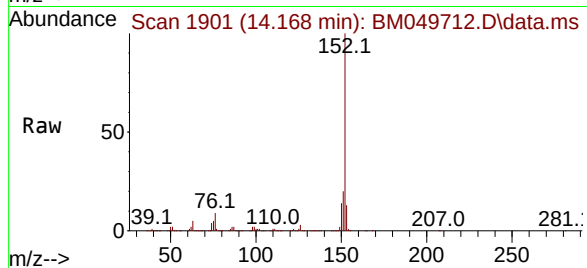
138 110.0 87.6 131.4





#49
Acenaphthylene
Concen: 65.227 ng
RT: 14.168 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

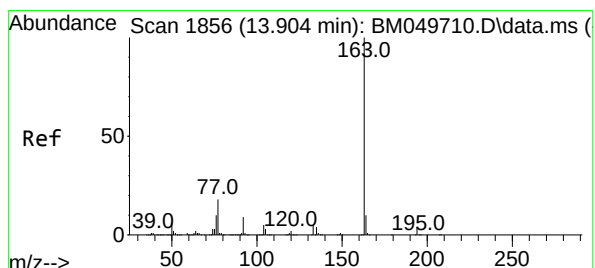
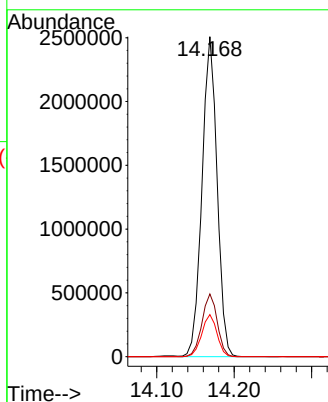
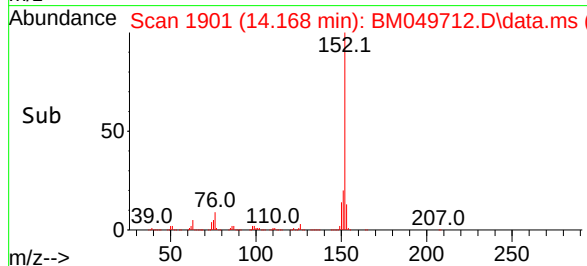
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 3384598
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.1 10.2 15.4

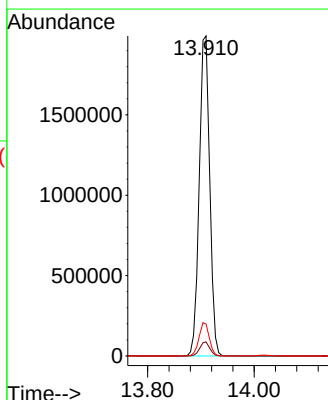
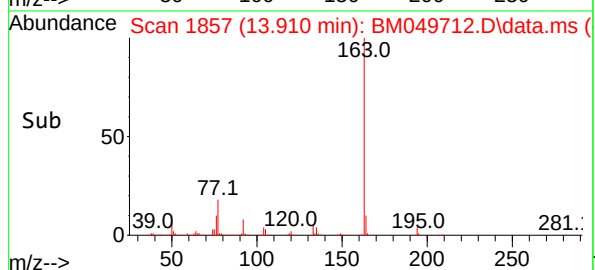
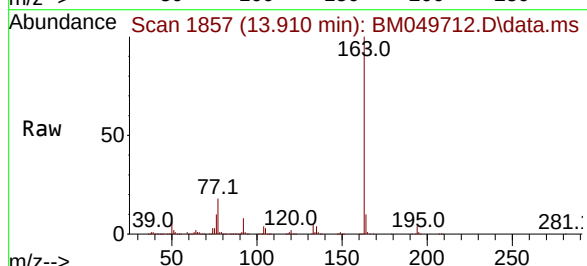
Manual Integrations
APPROVED

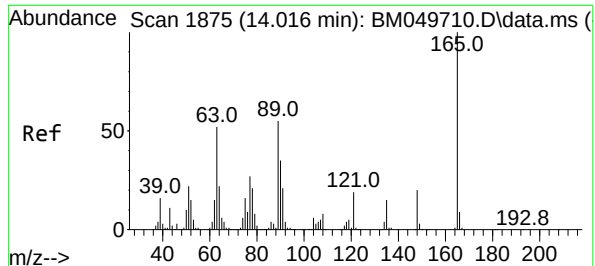
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#50
Dimethylphthalate
Concen: 63.771 ng
RT: 13.910 min Scan# 1857
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:163 Resp: 2716983
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.0 8.2 12.2





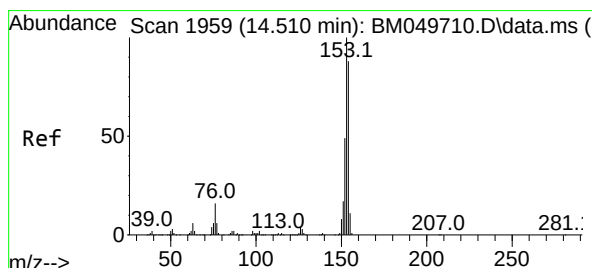
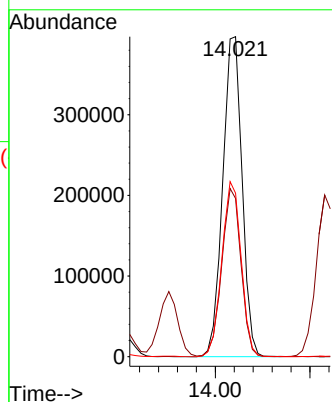
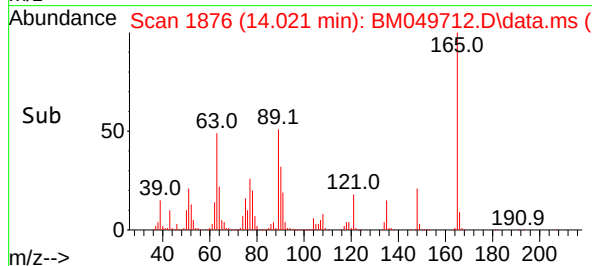
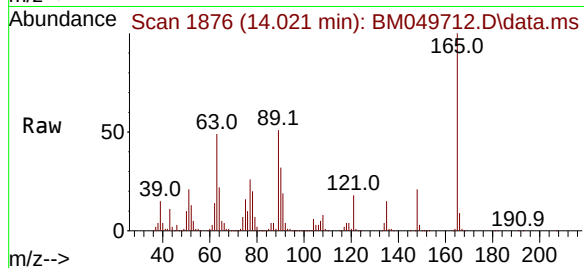
#51
2,6-Dinitrotoluene
Concen: 66.034 ng
RT: 14.021 min Scan# 1875
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 56372
Ion Ratio Lower Upper
165 100
63 49.5 42.3 63.5
89 51.1 43.9 65.9

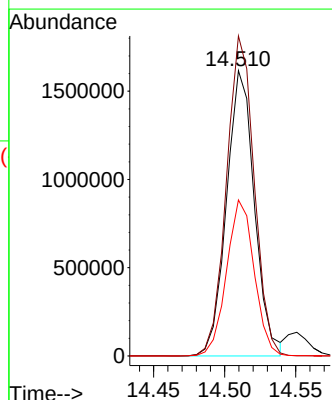
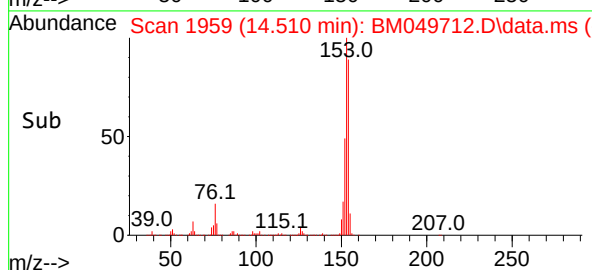
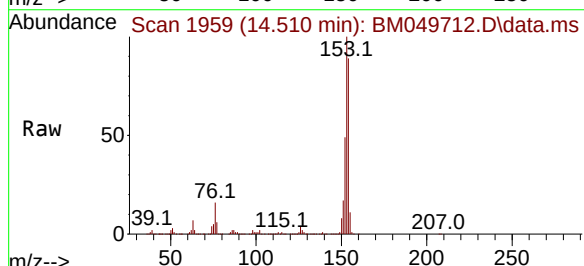
Manual Integrations
APPROVED

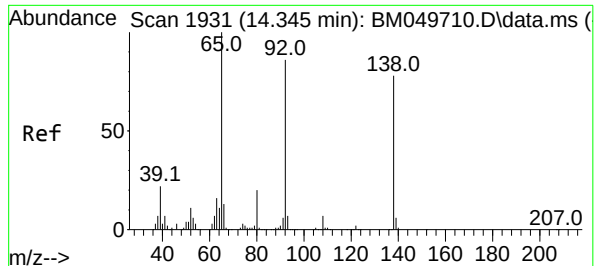
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#52
Acenaphthene
Concen: 65.221 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

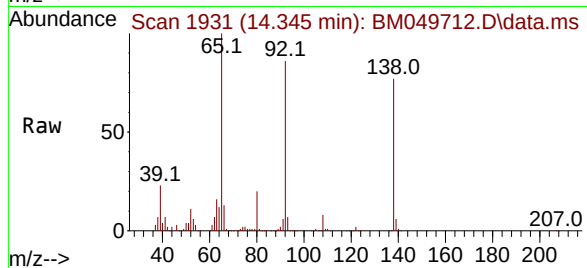
Tgt Ion:154 Resp: 2217160
Ion Ratio Lower Upper
154 100
153 112.2 90.4 135.6
152 54.7 44.2 66.2





#53
3-Nitroaniline
Concen: 68.488 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

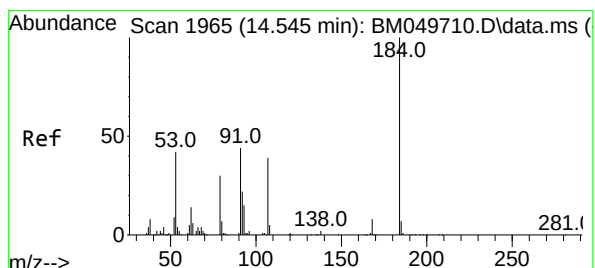
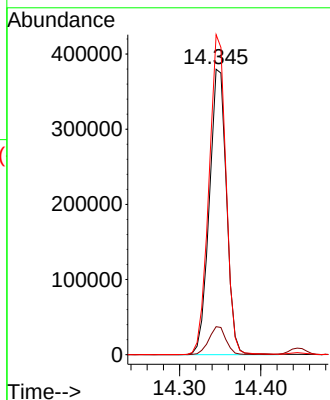
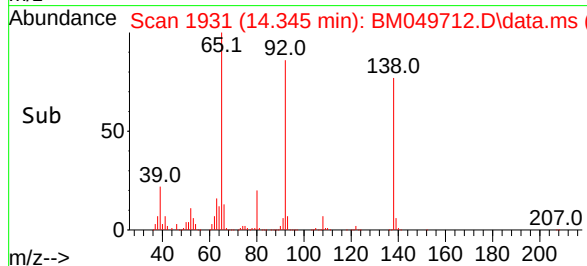
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



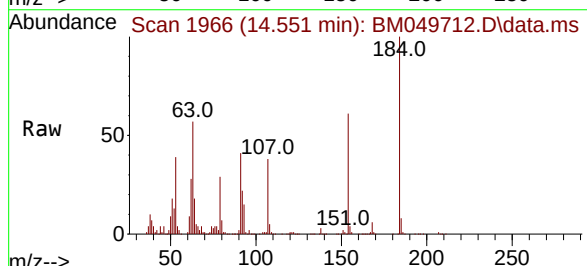
Tgt Ion:138 Resp: 556379
Ion Ratio Lower Upper
138 100
108 9.8 7.5 11.3
92 112.1 88.0 132.0

Manual Integrations
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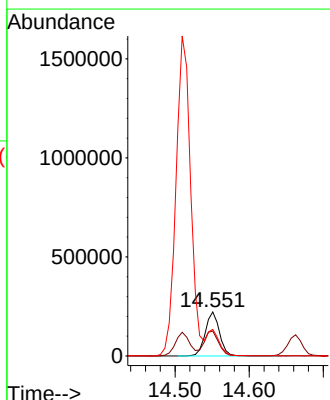
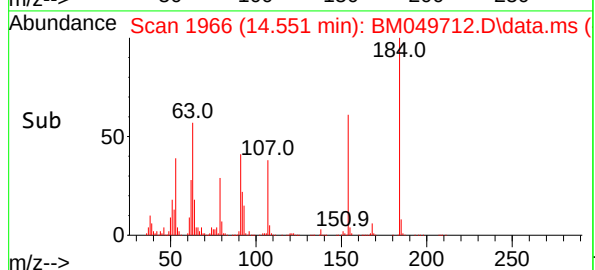
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

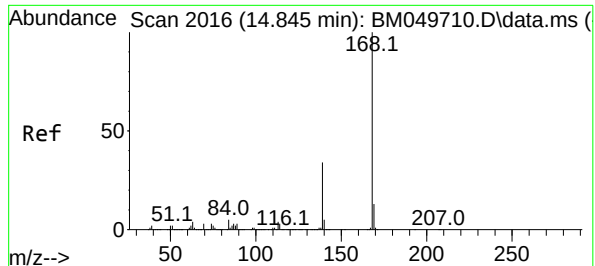


#54
2,4-Dinitrophenol
Concen: 60.822 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58



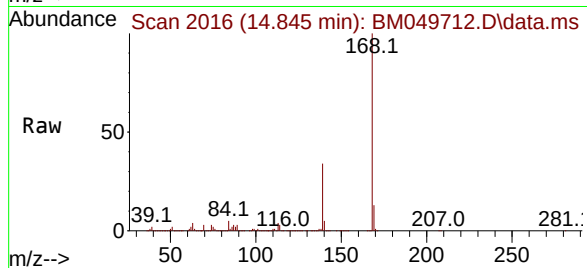
Tgt Ion:184 Resp: 295154
Ion Ratio Lower Upper
184 100
63 56.9 47.2 70.8
154 60.6 49.9 74.9





#55
Dibenzenofuran
Concen: 64.040 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

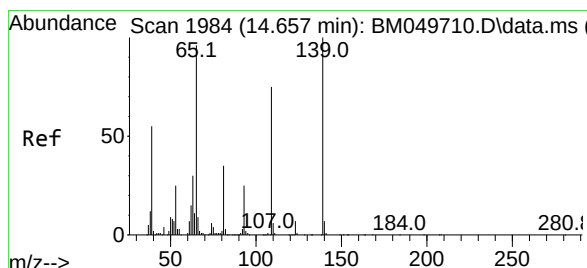
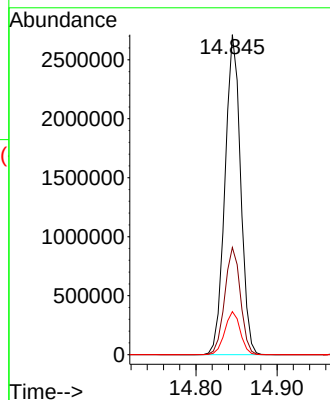
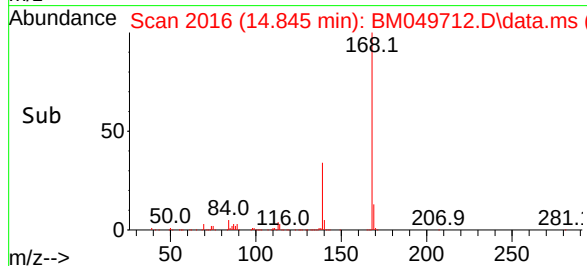
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



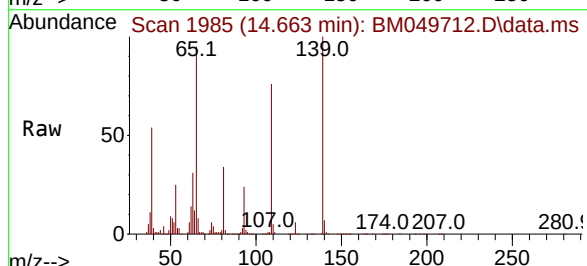
Tgt Ion:168 Resp: 3632034
Ion Ratio Lower Upper
168 100
139 33.5 27.4 41.0
169 13.4 10.7 16.1

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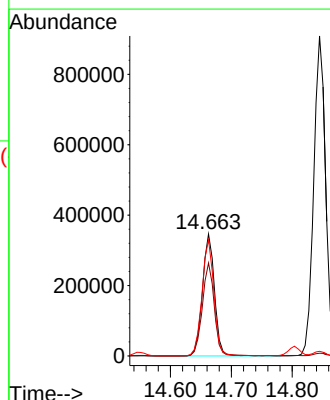
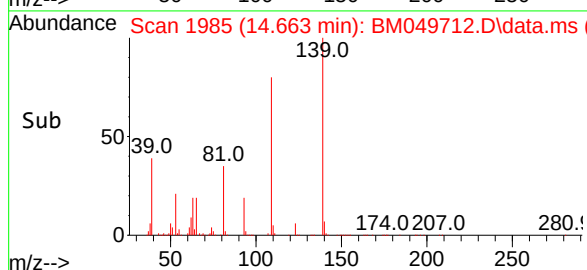
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

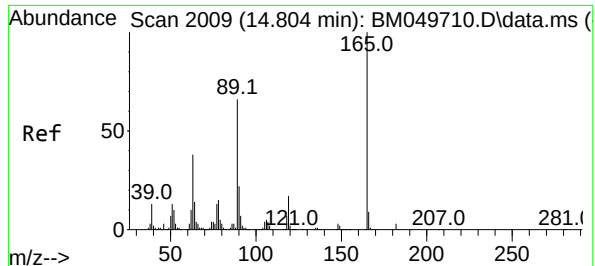


#56
4-Nitrophenol
Concen: 67.524 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58



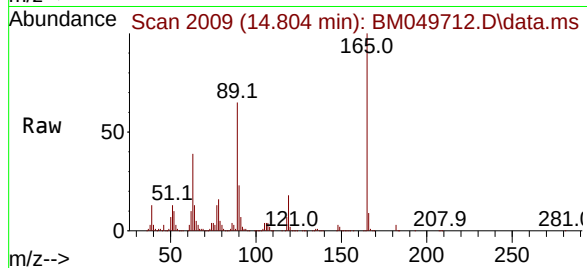
Tgt Ion:139 Resp: 477486
Ion Ratio Lower Upper
139 100
109 76.2 54.7 94.7
65 95.3 76.2 116.2





#57
2,4-Dinitrotoluene
Concen: 69.539 ng
RT: 14.804 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

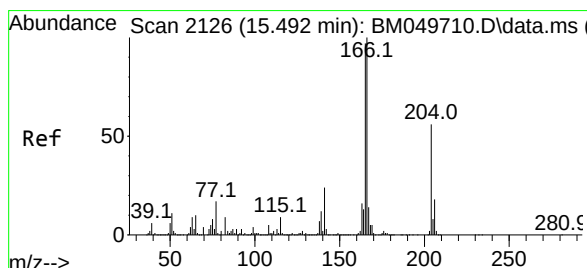
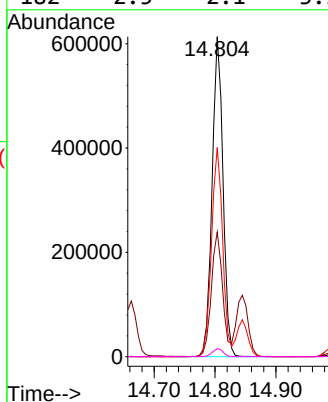
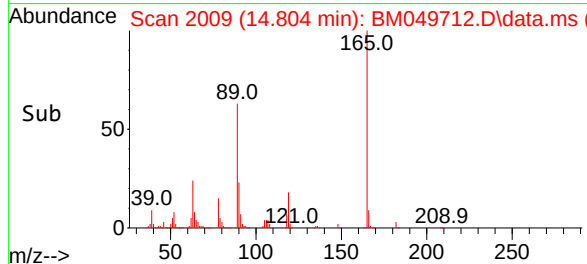
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 763894
Ion Ratio Lower Upper
165 100
63 39.0 30.8 46.2
89 65.4 53.1 79.7
182 2.5 2.1 3.1

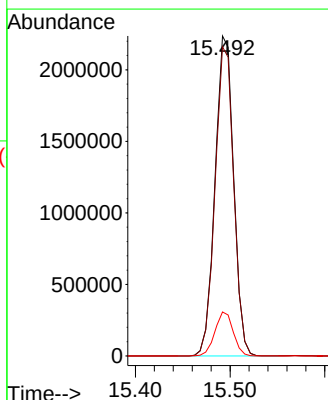
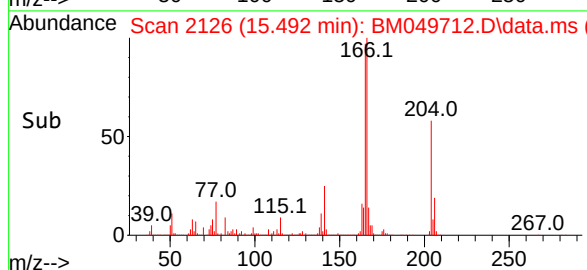
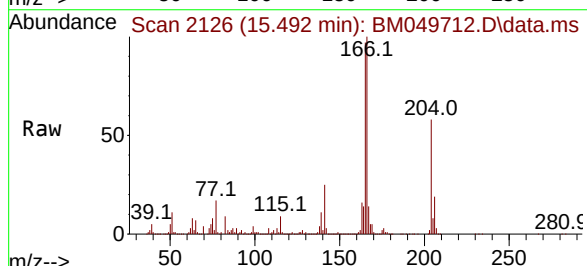
Manual Integrations
APPROVED

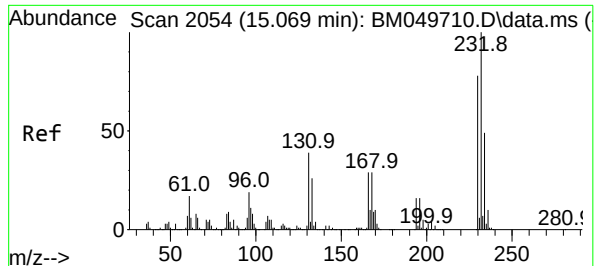
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#58
Fluorene
Concen: 66.168 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

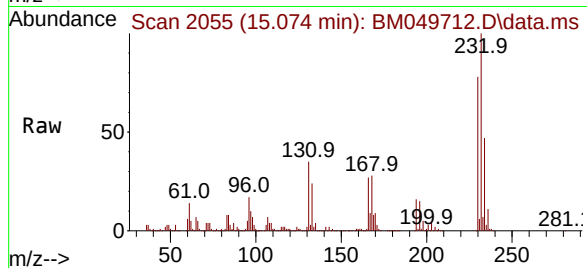
Tgt Ion:166 Resp: 3055405
Ion Ratio Lower Upper
166 100
165 96.6 77.5 116.3
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 66.821 ng
RT: 15.074 min Scan# 2054
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

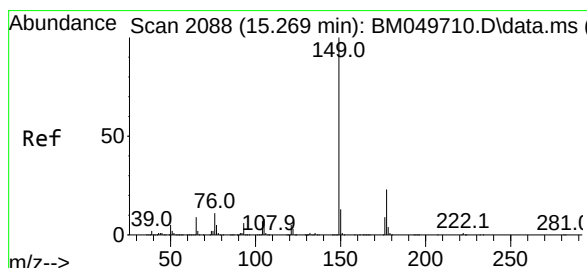
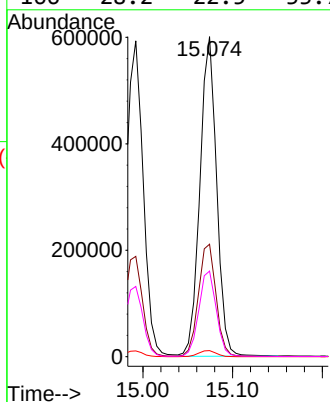
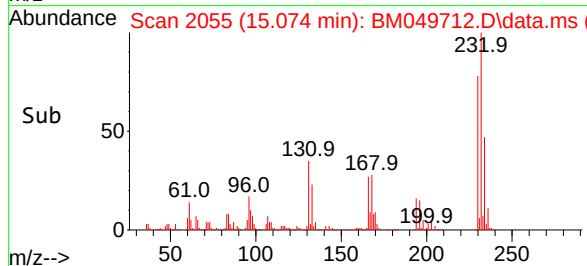
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



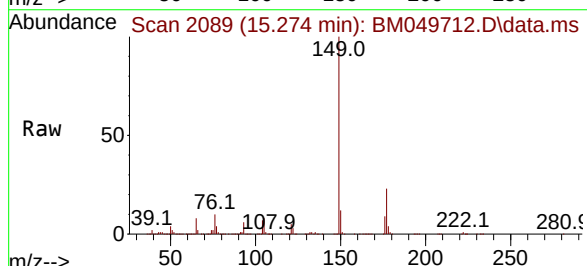
Tgt Ion:232 Resp: 777060
Ion Ratio Lower Upper
232 100
131 37.2 30.0 45.0
130 2.1 1.6 2.4
166 28.2 22.5 33.7

Manual Integrations
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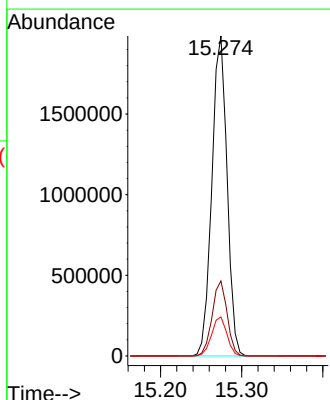
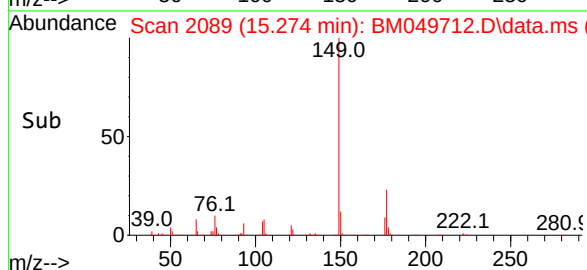
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

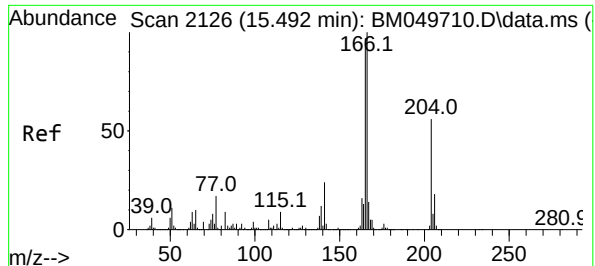


#60
Diethylphthalate
Concen: 64.207 ng
RT: 15.274 min Scan# 2089
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58



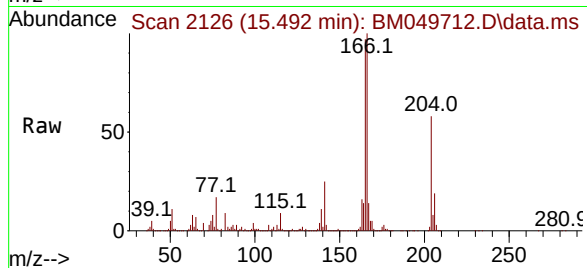
Tgt Ion:149 Resp: 2576429
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.2
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 66.402 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

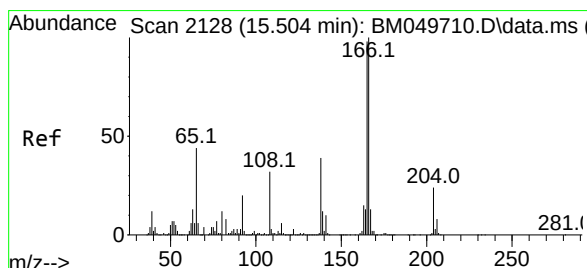
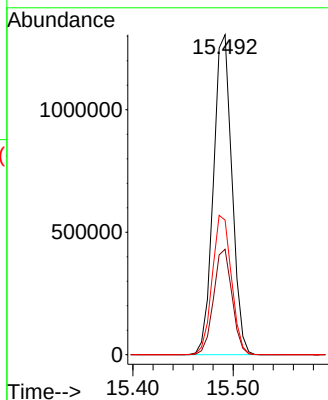
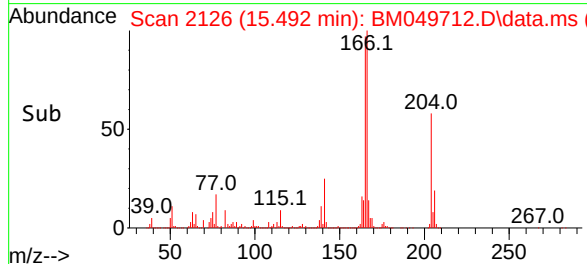
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:204 Resp: 1674350
Ion Ratio Lower Upper
204 100
206 33.0 25.2 37.8
141 42.1 34.5 51.7

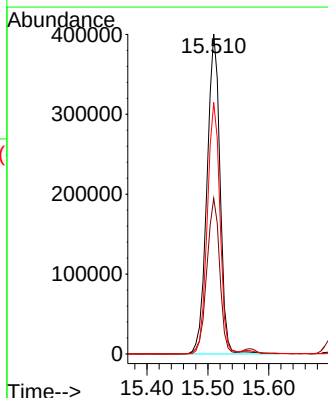
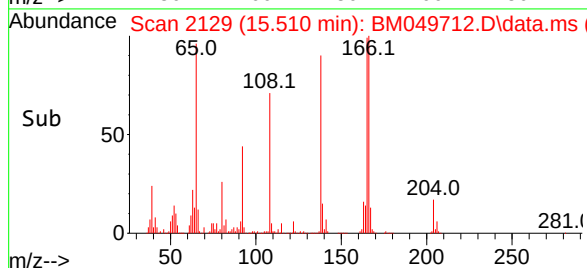
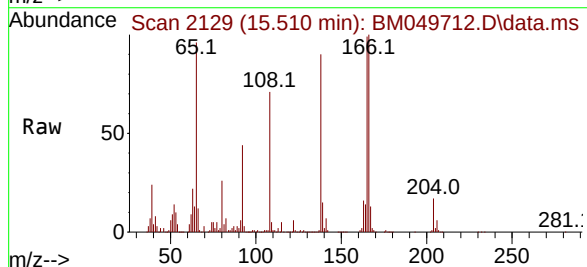
Manual Integrations
APPROVED

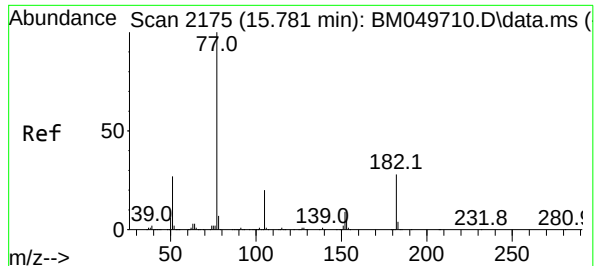
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#62
4-Nitroaniline
Concen: 60.865 ng
RT: 15.510 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

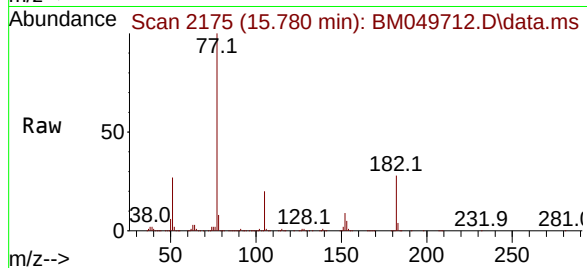
Tgt Ion:138 Resp: 598859
Ion Ratio Lower Upper
138 100
92 48.6 29.8 69.8
108 78.6 61.3 101.3





#63
Azobenzene
Concen: 64.760 ng
RT: 15.780 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

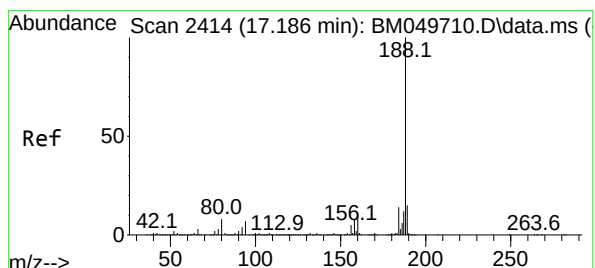
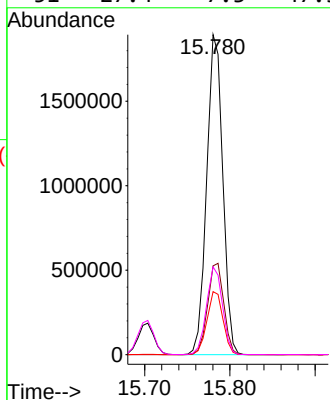
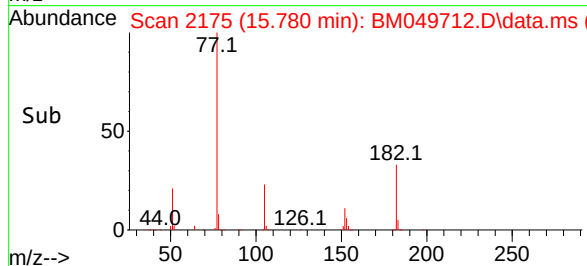
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 2482118
Ion Ratio Lower Upper
77 100
182 27.8 8.0 48.0
105 19.7 0.0 40.0
51 27.4 7.3 47.3

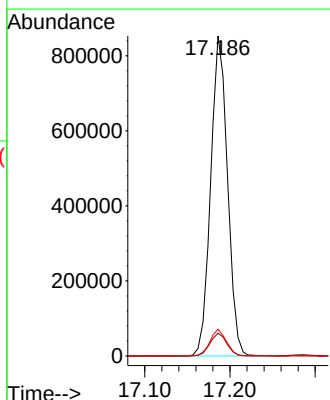
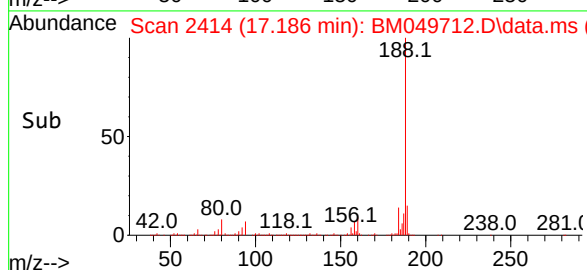
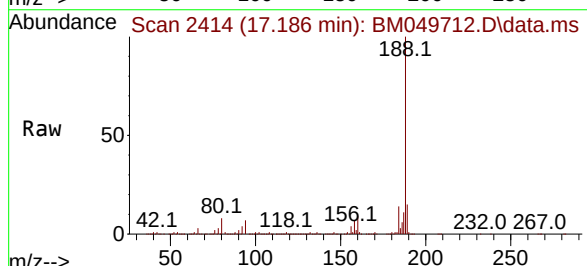
Manual Integrations
APPROVED

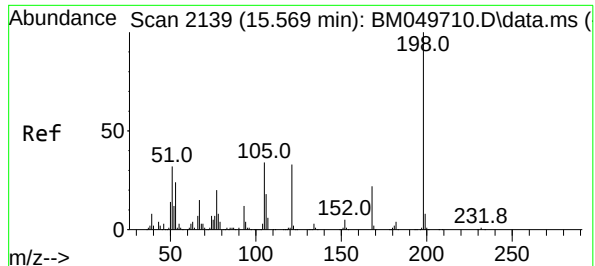
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

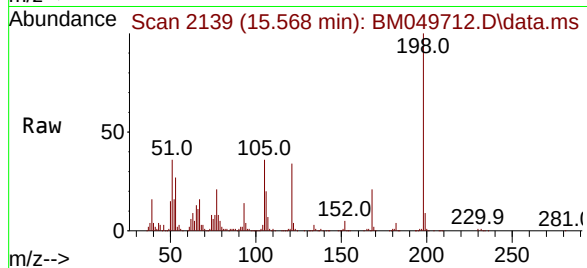
Tgt Ion:188 Resp: 1169651
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 8.3 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 61.103 ng
RT: 15.568 min Scan# 2139
Delta R.T. -0.001 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

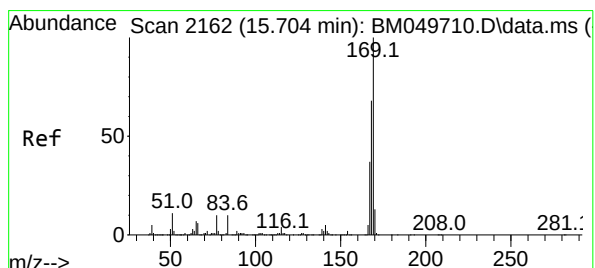
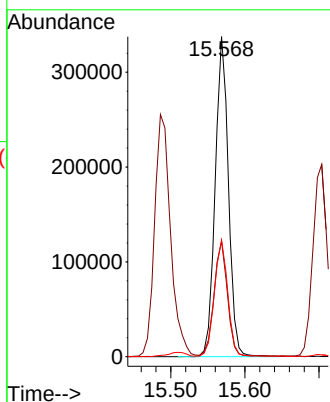
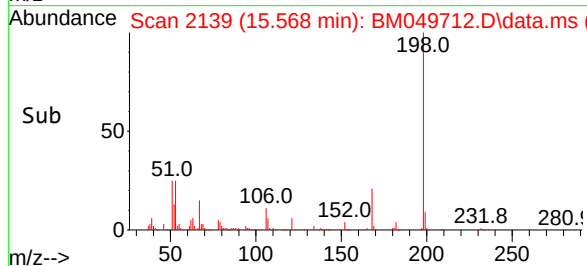
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:198 Resp: 417991
Ion Ratio Lower Upper
198 100
51 36.1 13.8 53.8
105 36.4 14.0 54.0

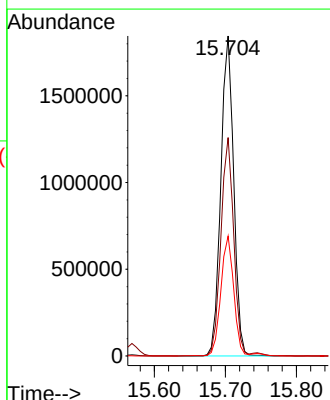
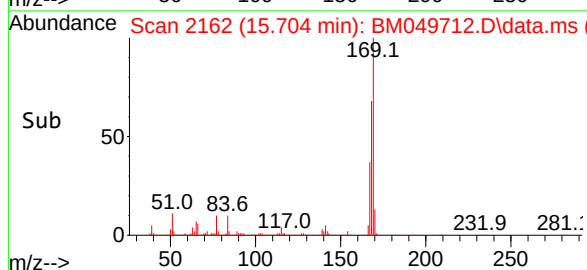
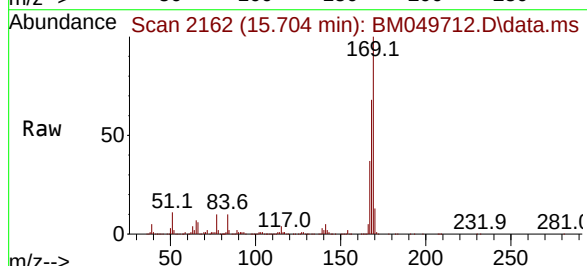
Manual Integrations
APPROVED

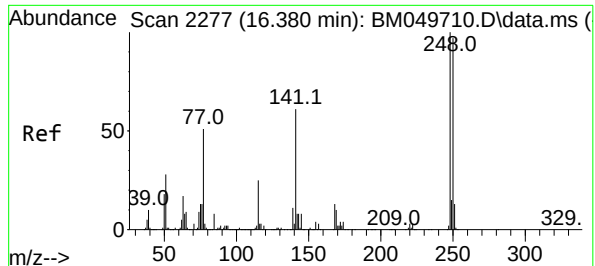
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#66
n-Nitrosodiphenylamine
Concen: 64.980 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

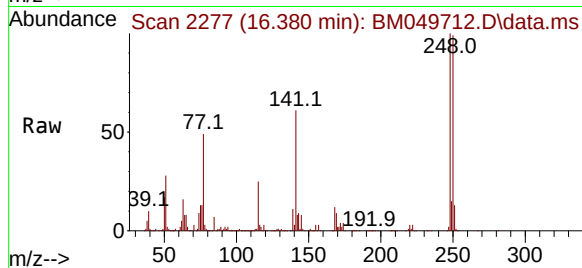
Tgt Ion:169 Resp: 2302780
Ion Ratio Lower Upper
169 100
168 68.3 54.8 82.2
167 37.4 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 65.299 ng
RT: 16.380 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

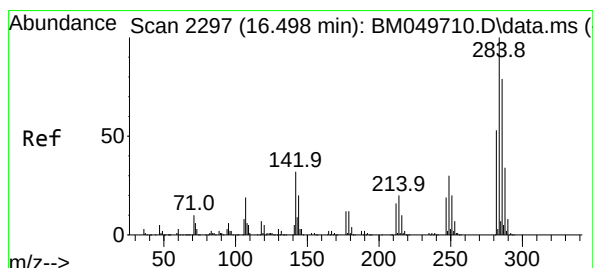
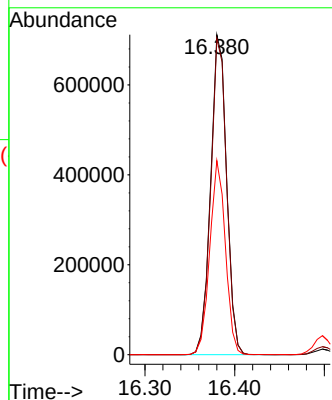
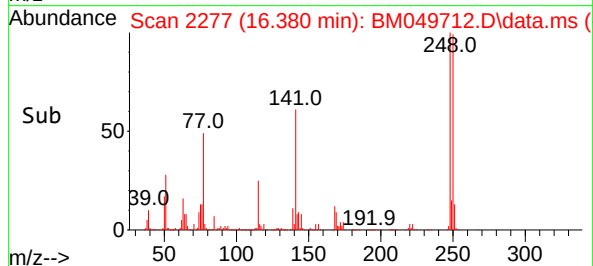
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:248 Resp: 881819
Ion Ratio Lower Upper
248 100
250 98.8 77.9 116.9
141 60.7 48.6 73.0

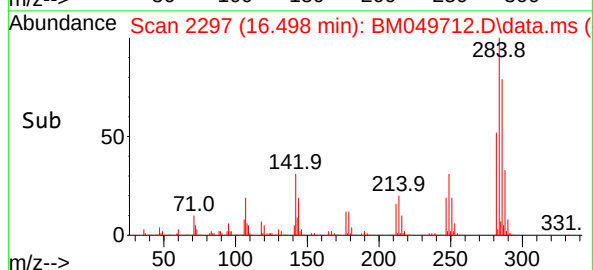
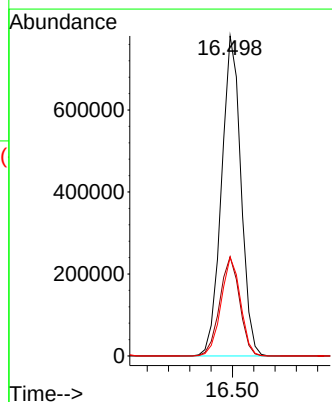
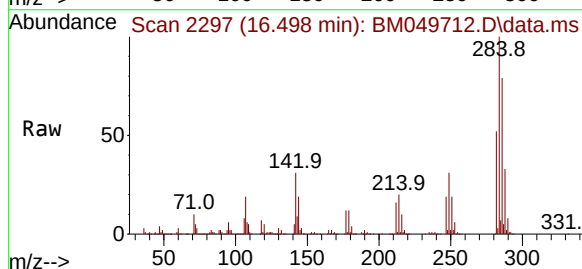
Manual Integrations
APPROVED

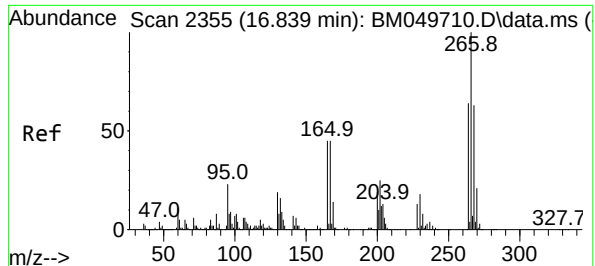
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#68
Hexachlorobenzene
Concen: 64.964 ng
RT: 16.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

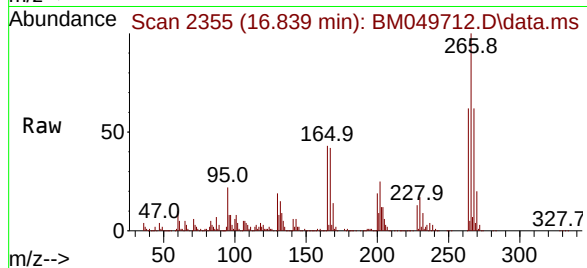
Tgt Ion:284 Resp: 986543
Ion Ratio Lower Upper
284 100
142 31.0 25.5 38.3
249 30.9 24.2 36.2





#70
Pentachlorophenol
Concen: 67.839 ng
RT: 16.839 min Scan# 2355
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

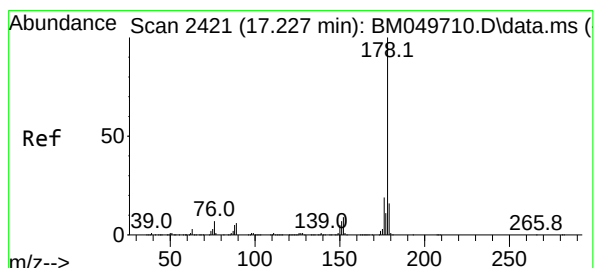
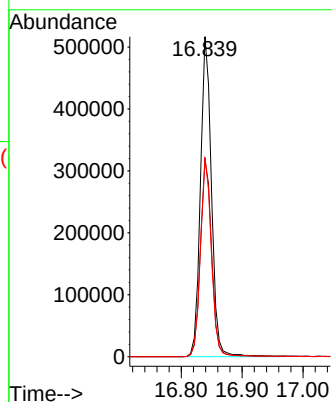
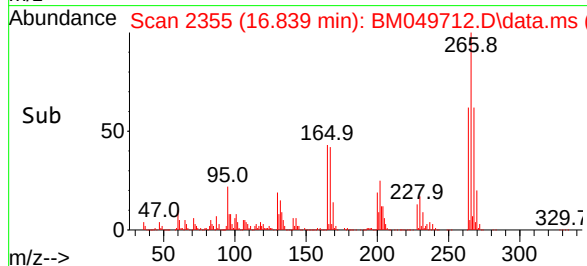
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:266 Resp: 647404
Ion Ratio Lower Upper
266 100
268 61.5 50.2 75.2
264 62.3 51.3 76.9

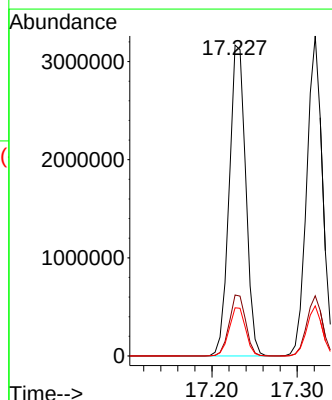
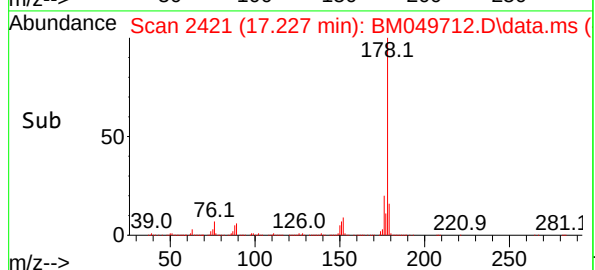
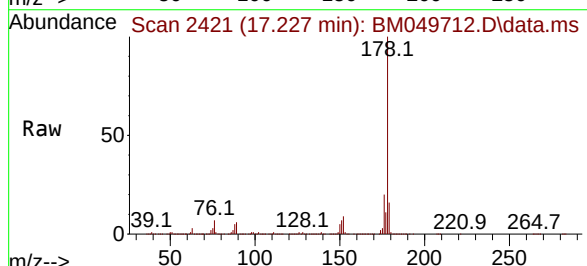
Manual Integrations
APPROVED

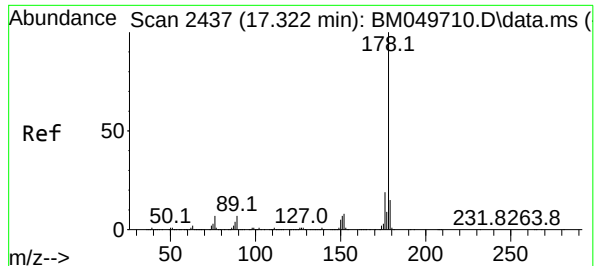
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#71
Phenanthrene
Concen: 65.716 ng
RT: 17.227 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

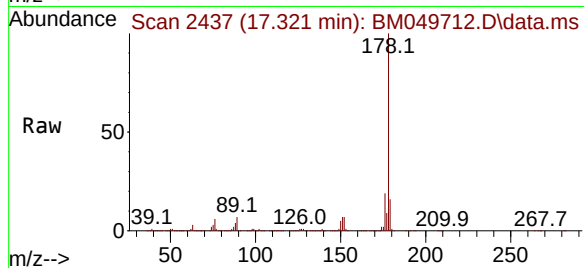
Tgt Ion:178 Resp: 4268082
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.5 12.5 18.7





#72
Anthracene
Concen: 66.580 ng
RT: 17.321 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

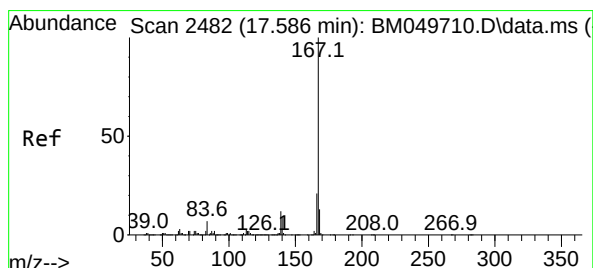
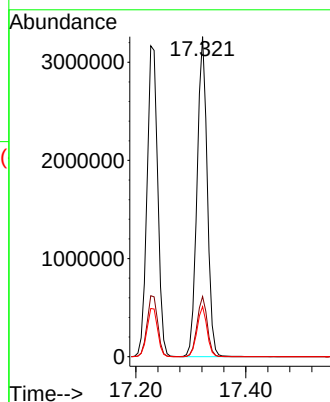
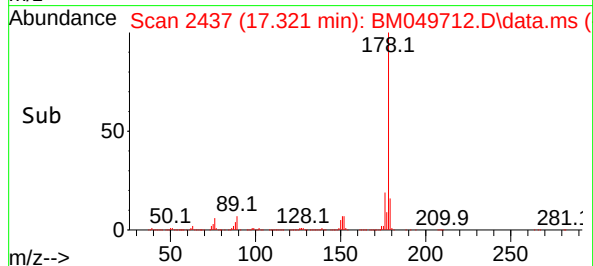
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 418783
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.7 12.4 18.6

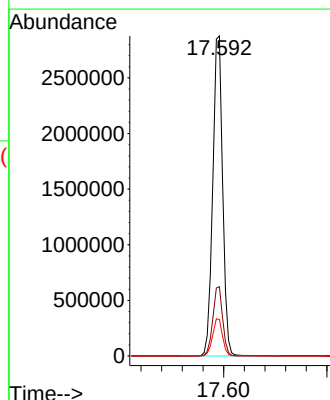
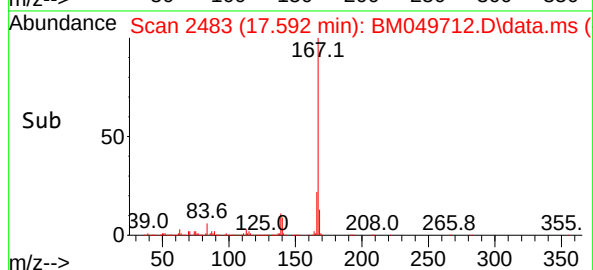
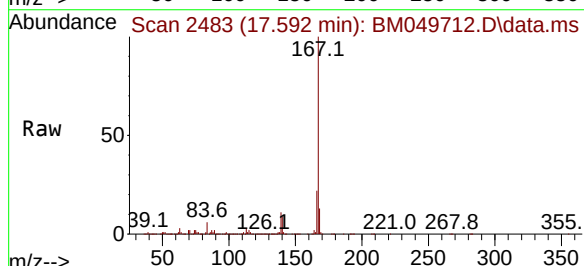
Manual Integrations
APPROVED

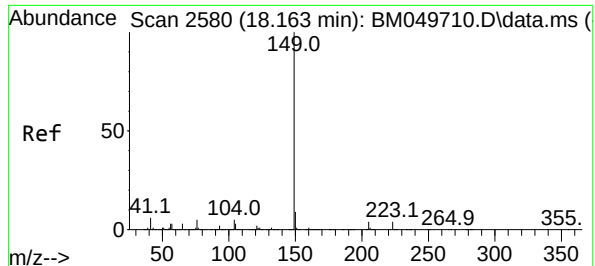
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#73
Carbazole
Concen: 67.182 ng
RT: 17.592 min Scan# 2483
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

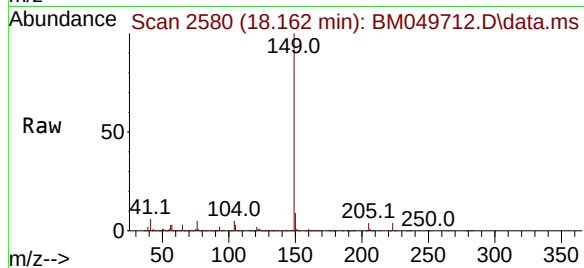
Tgt Ion:167 Resp: 3826935
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 11.4 9.4 14.2





#74
Di-n-butylphthalate
Concen: 67.499 ng
RT: 18.162 min Scan# 2580
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

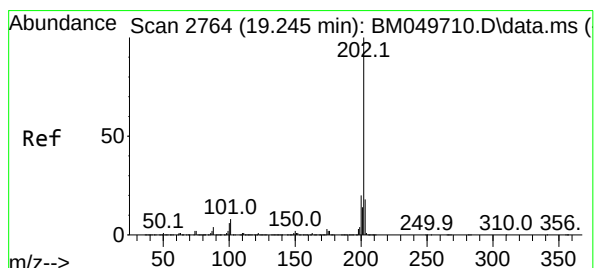
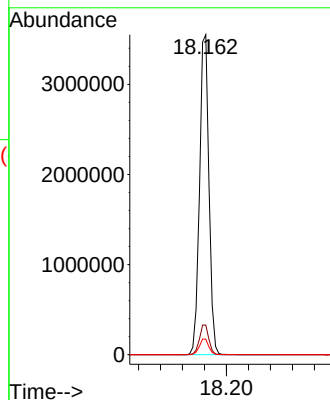
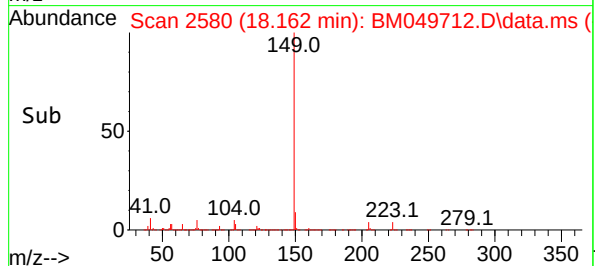
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 4214218
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 4.8 3.9 5.9

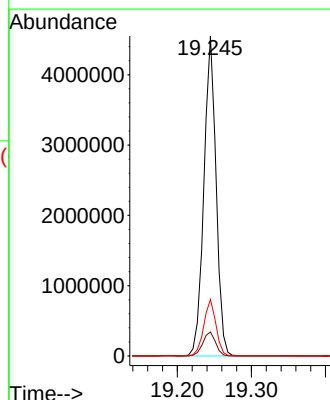
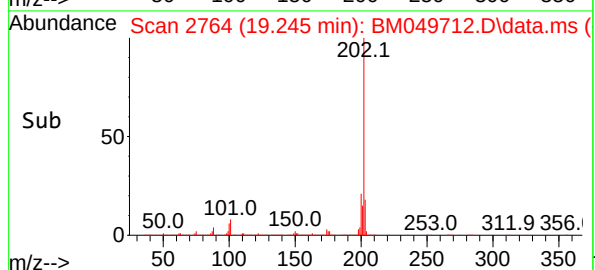
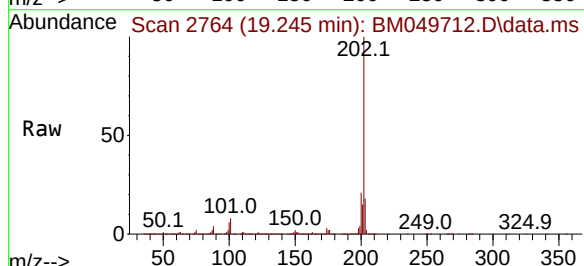
Manual Integrations
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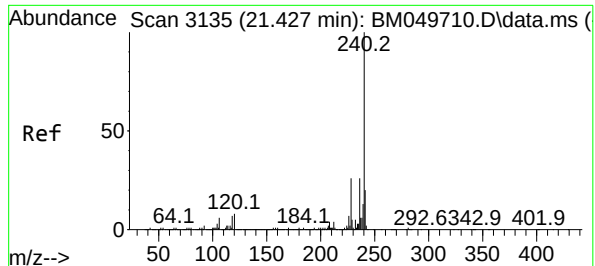
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#75
Fluoranthene
Concen: 69.531 ng
RT: 19.245 min Scan# 2764
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

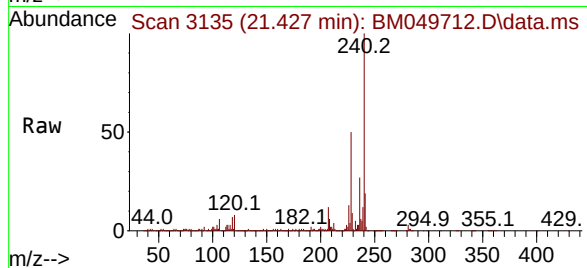
Tgt Ion:202 Resp: 5199093
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.8
203 17.7 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

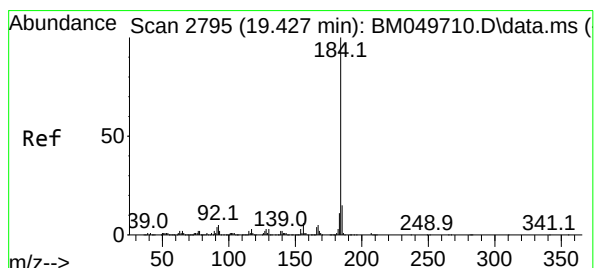
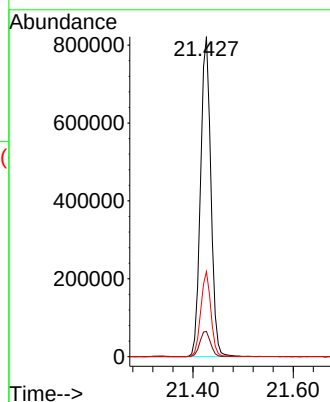
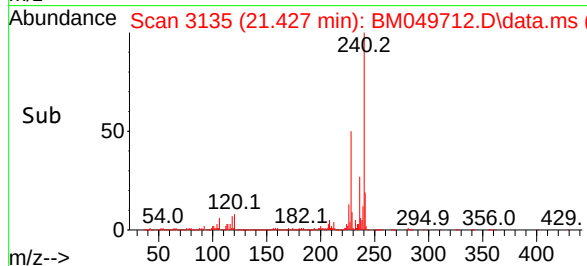
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:240 Resp: 117348
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.6 20.7 31.1

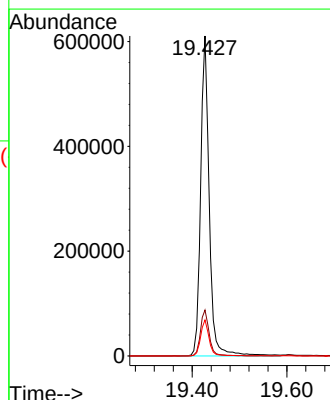
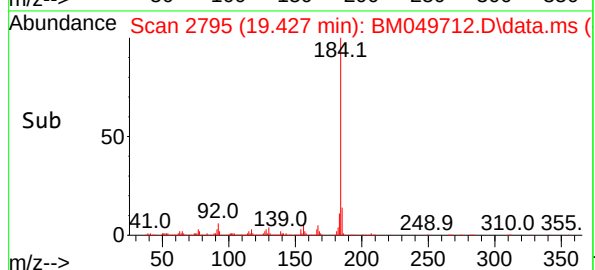
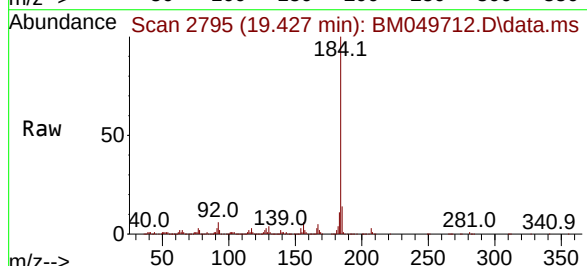
Manual Integrations
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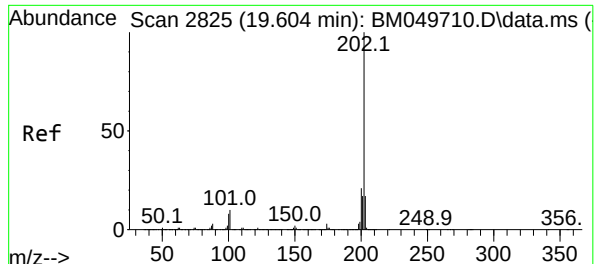
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#77
Benzidine
Concen: 54.727 ng
RT: 19.427 min Scan# 2795
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

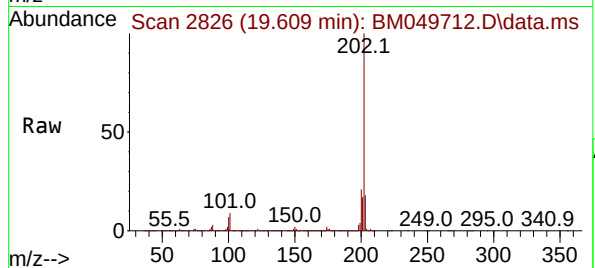
Tgt Ion:184 Resp: 771546
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.2 8.8 13.2





#78
Pyrene
Concen: 66.127 ng
RT: 19.609 min Scan# 2825
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

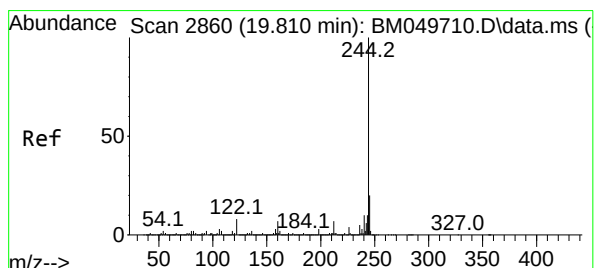
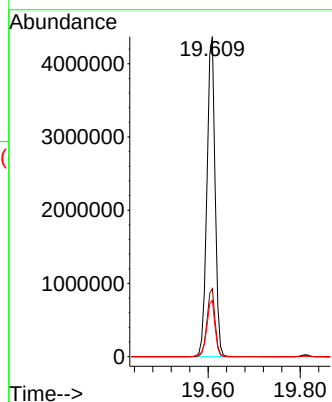
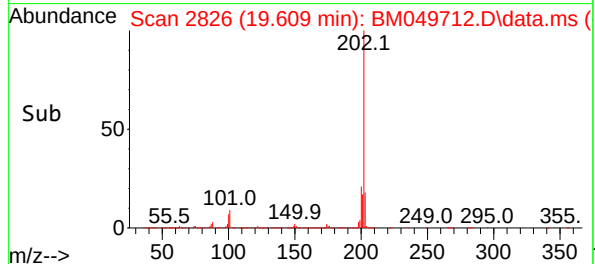
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 542153
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.6 14.0 21.0

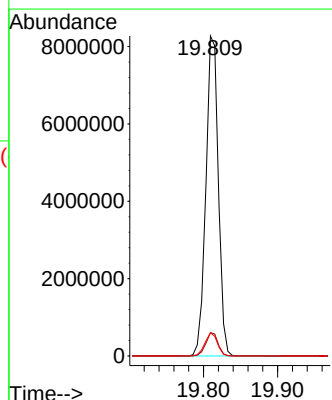
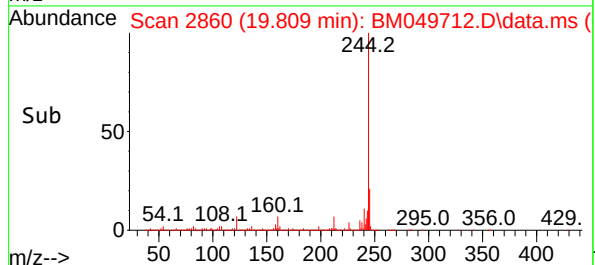
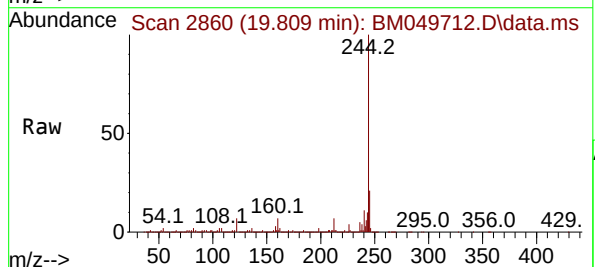
Manual Integrations
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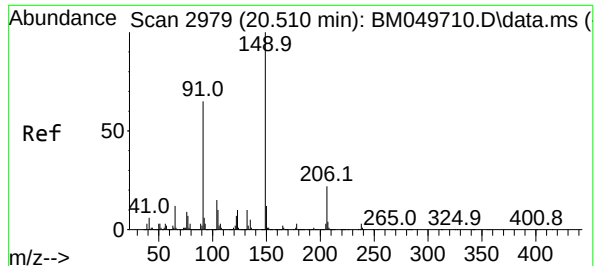
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#79
Terphenyl-d14
Concen: 138.909 ng
RT: 19.809 min Scan# 2860
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

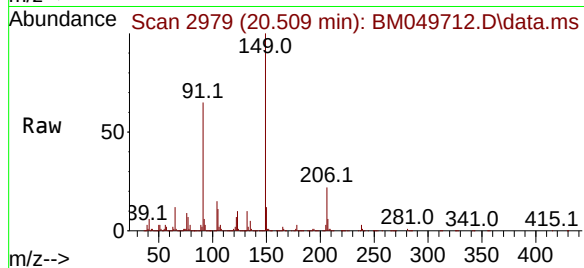
Tgt Ion:244 Resp: 9673323
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 7.2 6.0 9.0





#80
Butylbenzylphthalate
Concen: 67.988 ng
RT: 20.509 min Scan# 2979
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

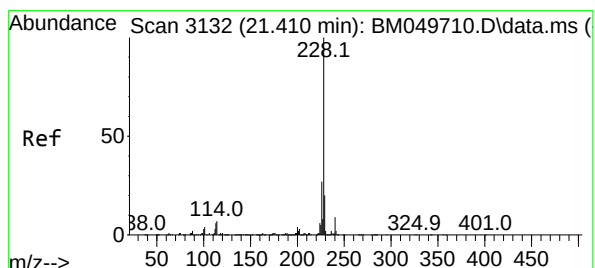
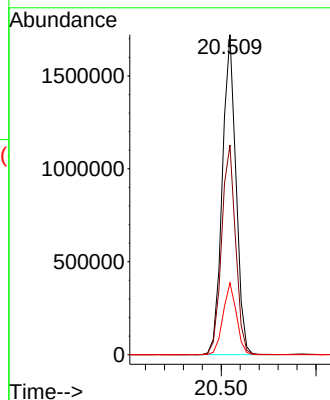
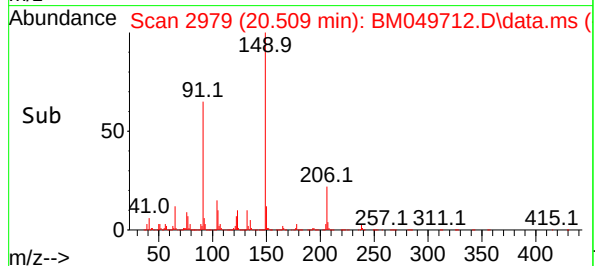
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 1729830
Ion Ratio Lower Upper
149 100
91 65.5 52.2 78.4
206 22.4 17.6 26.4

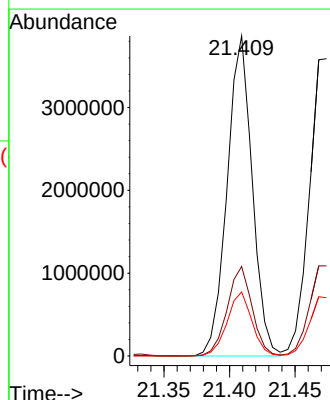
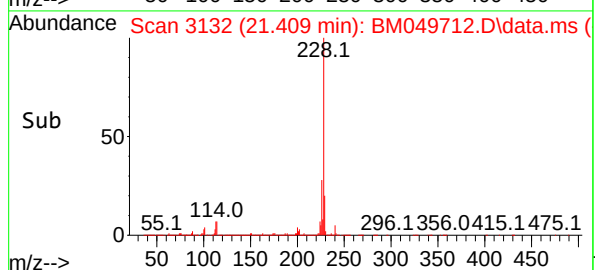
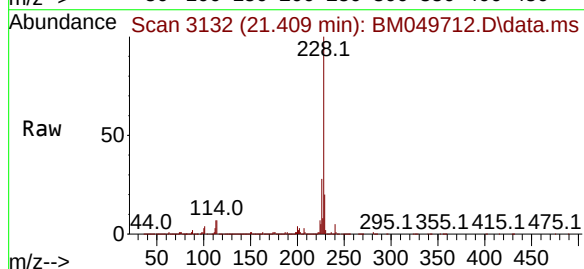
Manual Integrations
APPROVED

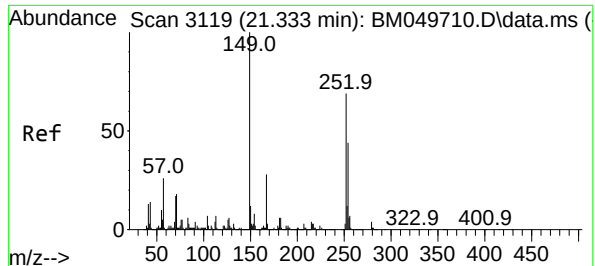
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#81
Benzo(a)anthracene
Concen: 65.644 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:228 Resp: 5145212
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 20.0 15.8 23.8





#82

3,3'-Dichlorobenzidine

Concen: 66.120 ng

RT: 21.333 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 1687314

Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.4

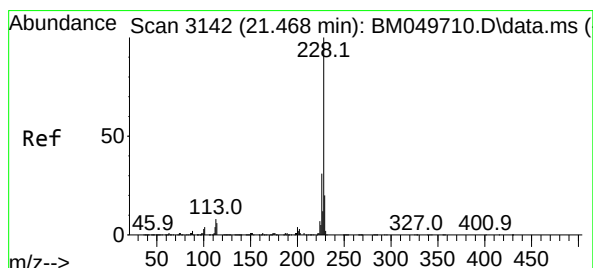
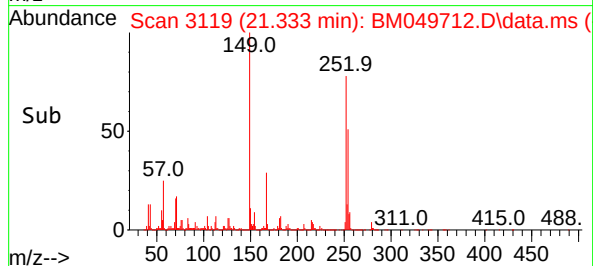
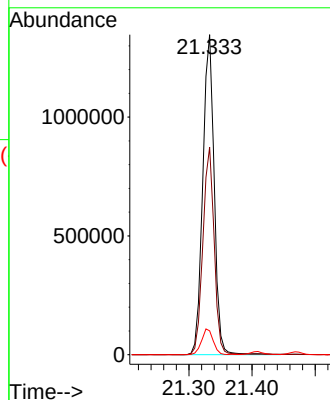
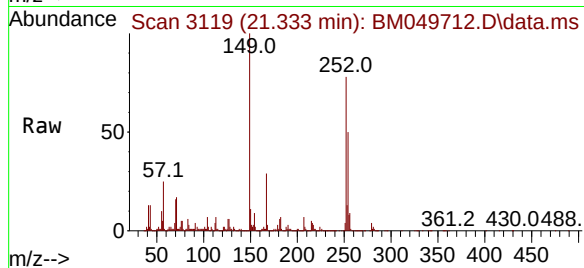
126 7.5 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#83

Chrysene

Concen: 65.843 ng

RT: 21.474 min Scan# 3143

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

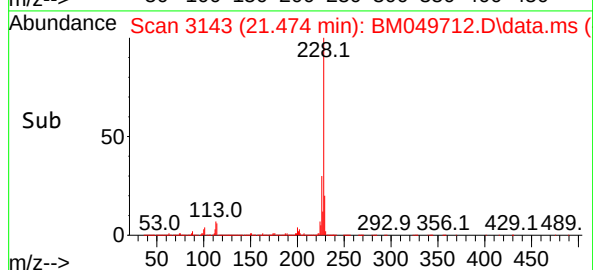
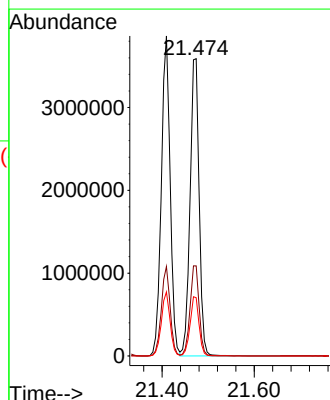
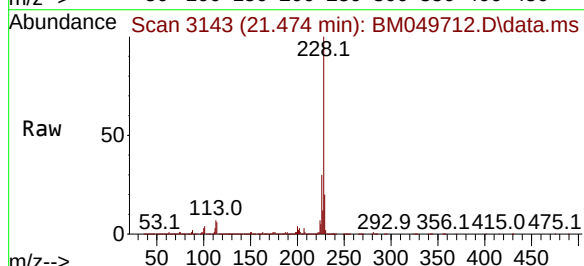
Tgt Ion:228 Resp: 4892160

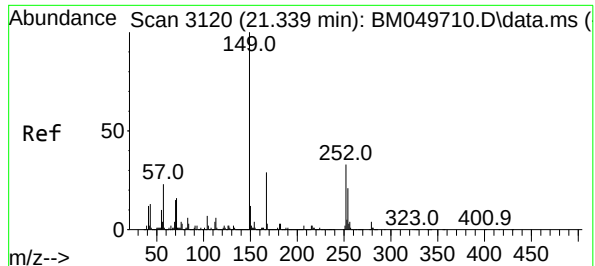
Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

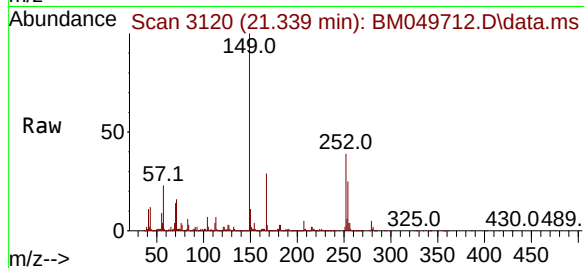
229 19.6 15.8 23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 66.414 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

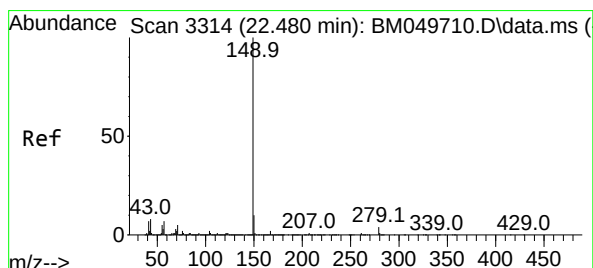
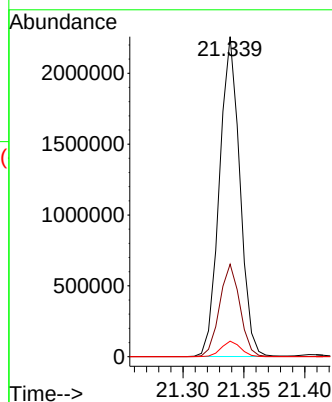
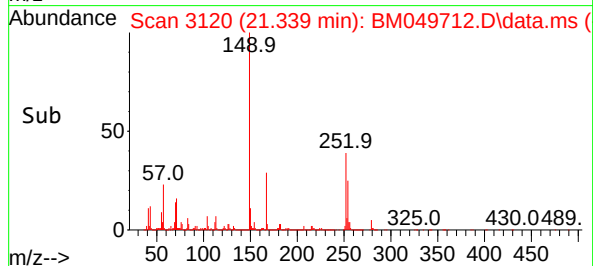
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 2633480
Ion Ratio Lower Upper
149 100
167 28.9 22.9 34.3
279 4.8 3.5 5.3

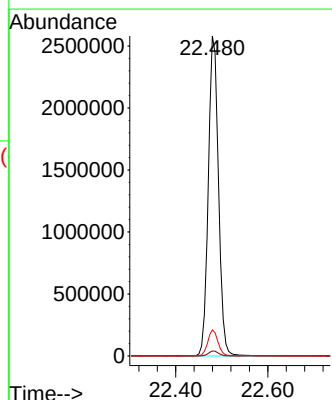
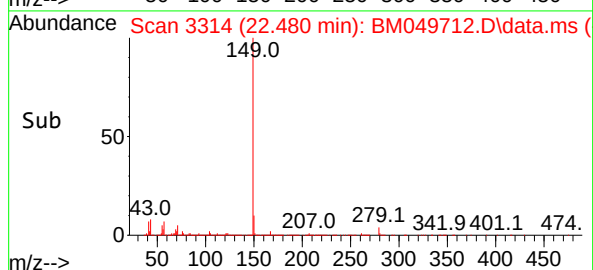
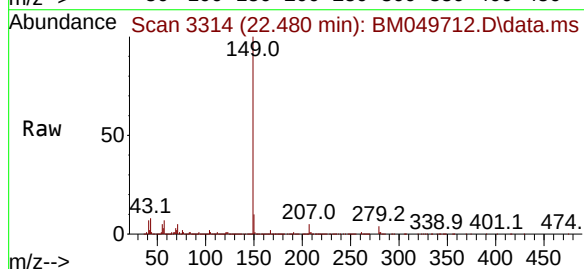
Manual Integrations
APPROVED

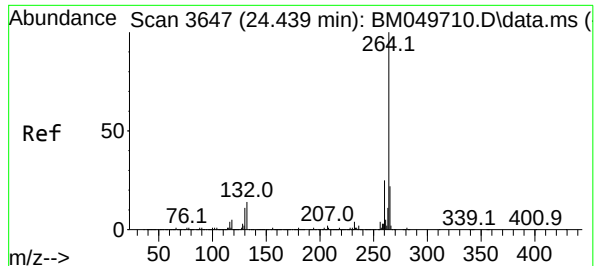
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#85
Di-n-octyl phthalate
Concen: 64.539 ng
RT: 22.480 min Scan# 3314
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

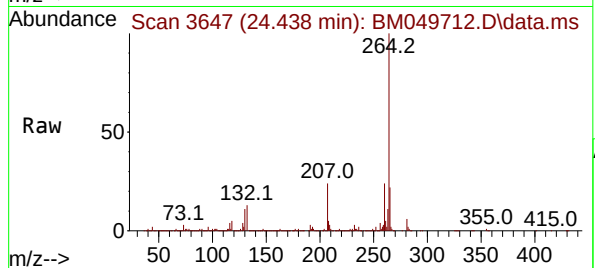
Tgt Ion:149 Resp: 3977588
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.438 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

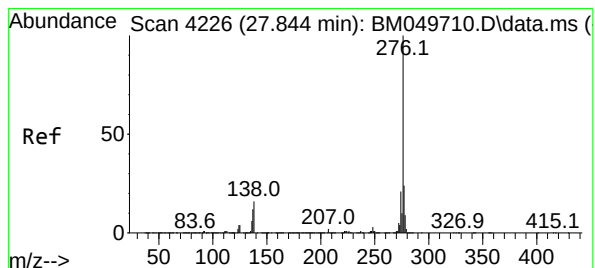
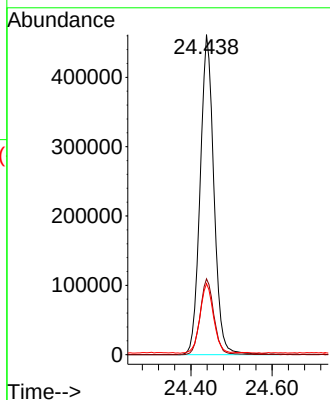
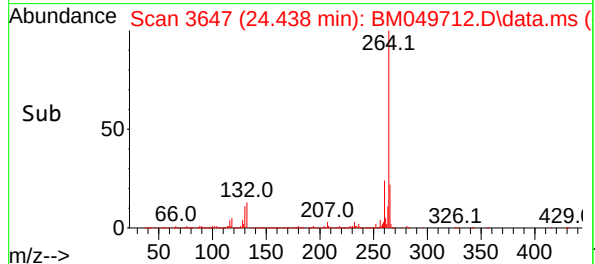
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:264 Resp: 1084370
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 22.2 18.2 27.2

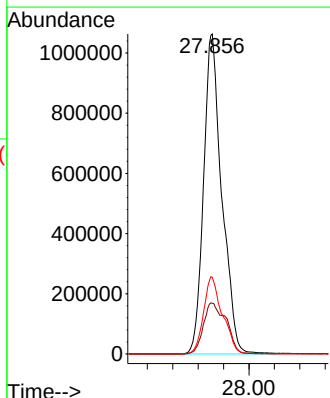
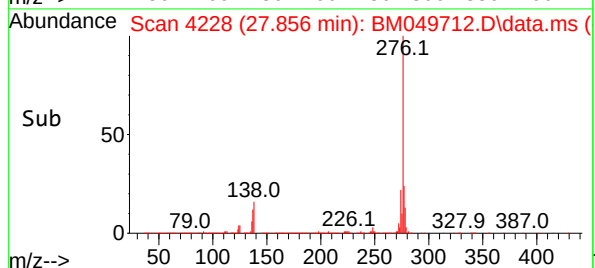
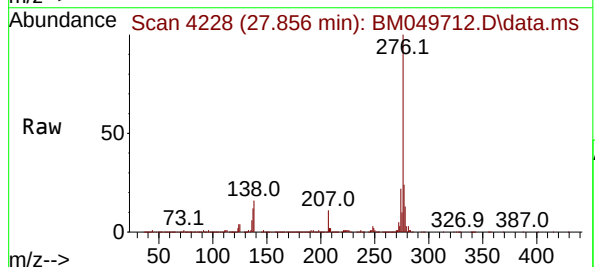
Manual Integrations
APPROVED

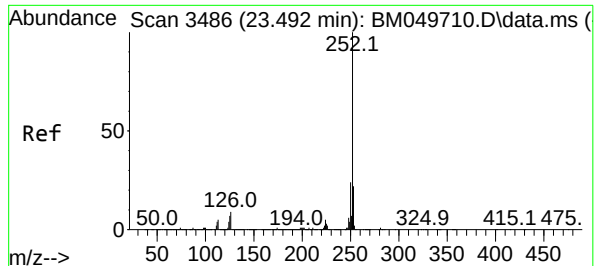
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 67.923 ng
RT: 27.856 min Scan# 4228
Delta R.T. 0.011 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

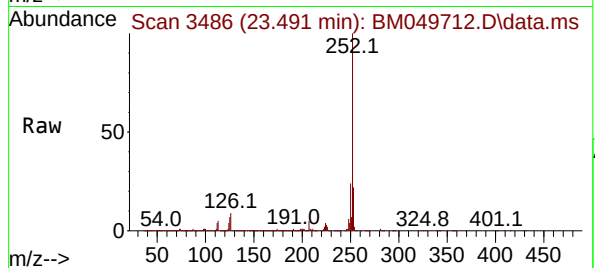
Tgt Ion:276 Resp: 5301272
Ion Ratio Lower Upper
276 100
138 20.0 16.3 24.5
277 24.9 19.9 29.9





#88
Benzo(b)fluoranthene
Concen: 67.158 ng
RT: 23.491 min Scan# 3486
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

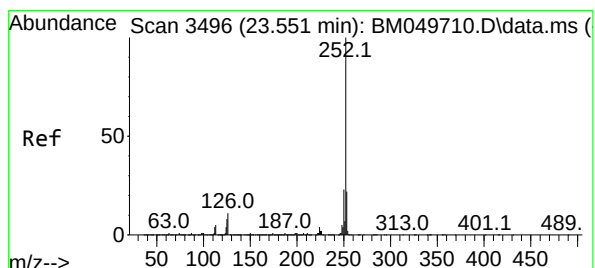
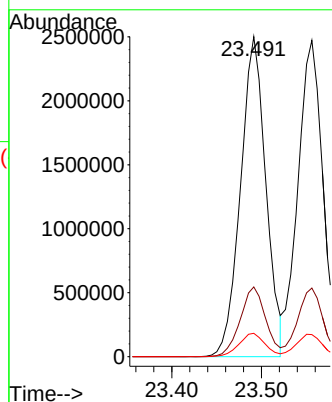
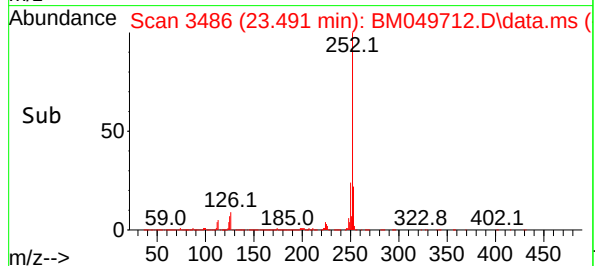
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



Tgt Ion:252 Resp: 490497
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 7.3 5.9 8.9

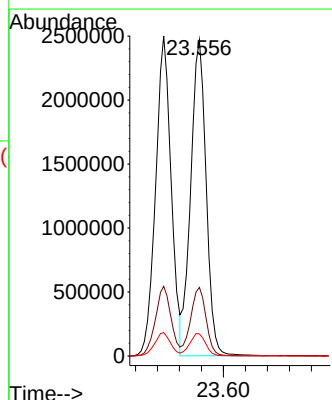
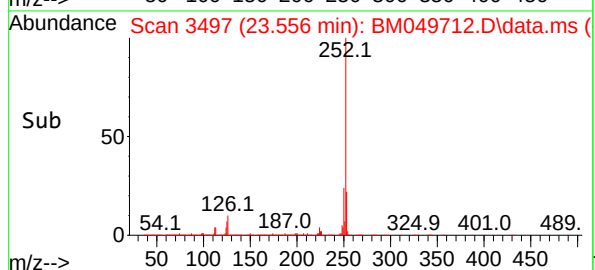
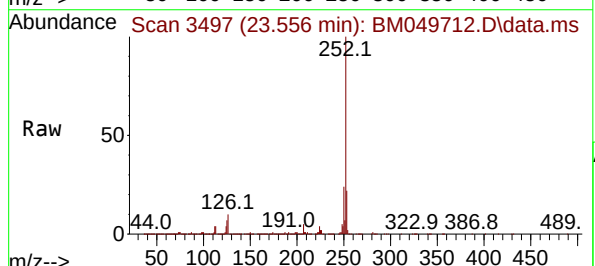
Manual Integrations
APPROVED

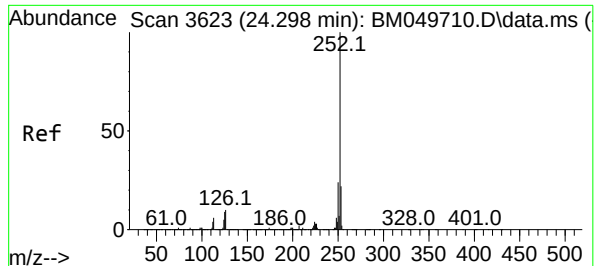
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#89
Benzo(k)fluoranthene
Concen: 66.934 ng
RT: 23.556 min Scan# 3497
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

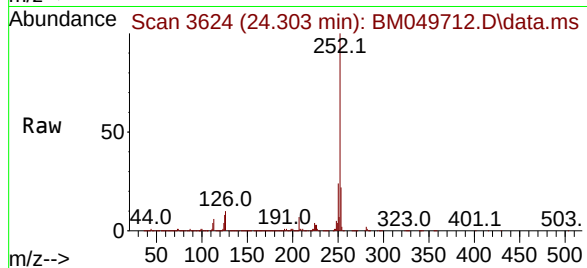
Tgt Ion:252 Resp: 4810286
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 7.0 6.2 9.2





#90
Benzo(a)pyrene
Concen: 67.883 ng
RT: 24.303 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

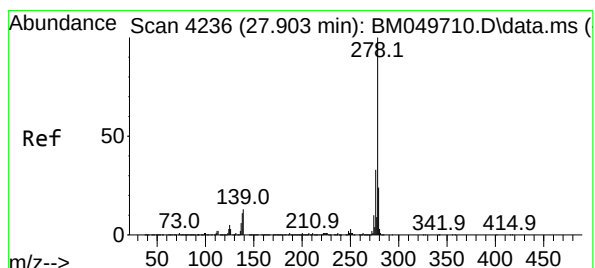
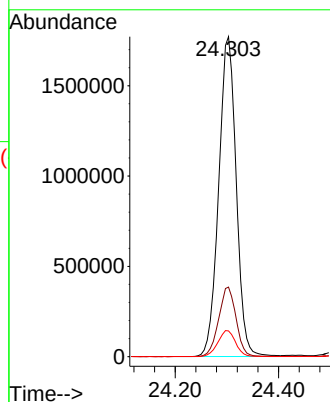
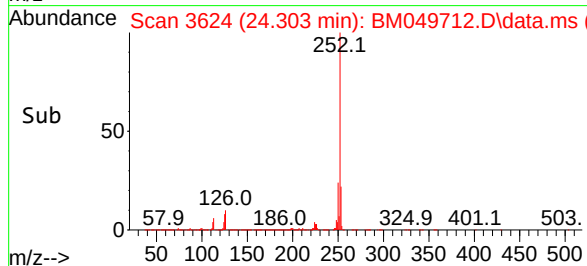
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



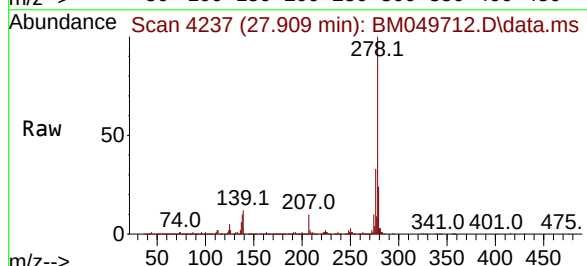
Tgt Ion:252 Resp: 416443
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.0 7.0 10.6

Manual Integrations
APPROVED

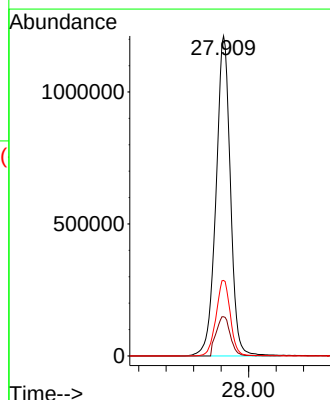
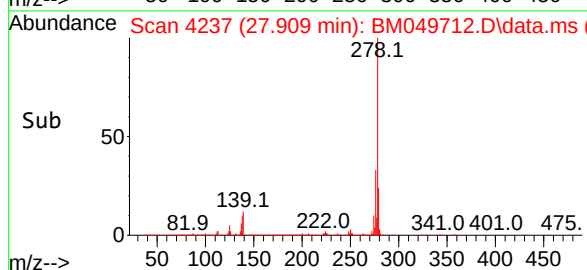
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

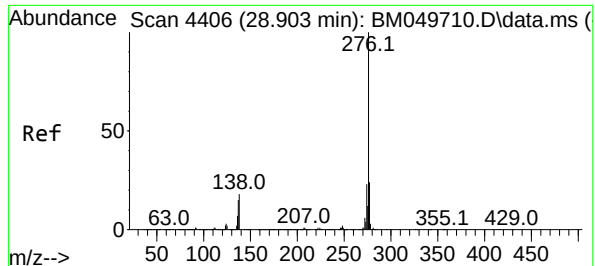


#91
Dibenzo(a,h)anthracene
Concen: 67.722 ng
RT: 27.909 min Scan# 4237
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58



Tgt Ion:278 Resp: 4403728
Ion Ratio Lower Upper
278 100
139 12.3 10.1 15.1
279 23.6 19.1 28.7





#92

Benzo(g,h,i)perylene

Concen: 66.781 ng

RT: 28.915 min Scan# 44

Delta R.T. 0.011 min

Lab File: BM049712.D

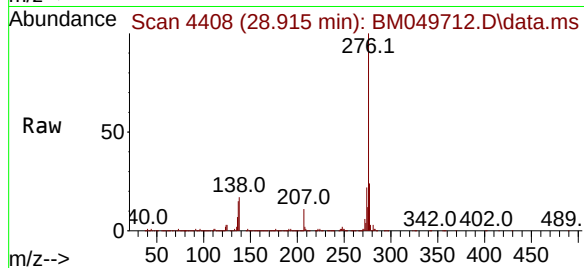
Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060



Tgt Ion:276 Resp: 4374098

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

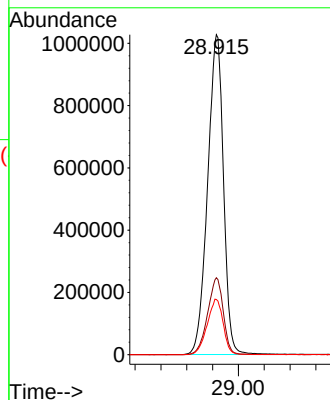
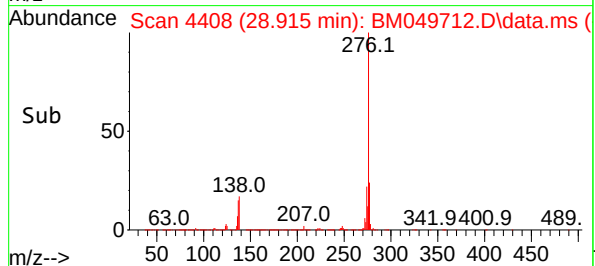
138 17.2 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049713.D
 Acq On : 13 Mar 2025 13:37
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:44:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	320715	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1044790	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	642425	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1232487	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1288590	20.000	ng	0.00
86) Perylene-d12	24.445	264	1147839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	3303811	173.818	ng	0.00
7) Phenol-d6	6.987	99	4111683	172.375	ng	0.00
23) Nitrobenzene-d5	8.969	82	3528480	173.392	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	13.075	172	9151795	178.410	ng	0.00
79) Terphenyl-d14	19.810	244	12066561	157.797	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	693723	84.311	ng	98
3) Pyridine	3.687	79	1736277m	82.522	ng	
4) n-Nitrosodimethylamine	3.593	42	760047	81.744	ng	98
6) Aniline	7.146	93	1551413	77.633	ng	100
8) 2-Chlorophenol	7.375	128	1587429	84.337	ng	99
10) Phenol	7.010	94	1947710	84.211	ng	99
11) bis(2-Chloroethyl)ether	7.234	93	1554529	82.999	ng	99
12) 1,3-Dichlorobenzene	7.699	146	1912608	83.613	ng	99
13) 1,4-Dichlorobenzene	7.846	146	1925476	83.439	ng	99
14) 1,2-Dichlorobenzene	8.163	146	1811374	82.593	ng	98
15) Benzyl Alcohol	8.052	79	1307396	87.341	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.346	45	1755494	79.747	ng	99
17) 2-Methylphenol	8.257	107	1165523	84.879	ng	99
18) Hexachloroethane	8.893	117	686259	84.211	ng	91
19) n-Nitroso-di-n-propyla...	8.622	70	1186843	85.807	ng	98
20) 3+4-Methylphenols	8.587	107	1582502	85.996	ng	99
22) Acetophenone	8.628	105	2292495	85.099	ng	# 99
24) Nitrobenzene	9.010	77	1636270	85.275	ng	98
25) Isophorone	9.540	82	2791486	89.344	ng	99
26) 2-Nitrophenol	9.716	139	784824	96.097	ng	99
27) 2,4-Dimethylphenol	9.787	122	932622	89.713	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	1893999	86.068	ng	99
29) 2,4-Dichlorophenol	10.257	162	1520440	89.758	ng	100
30) 1,2,4-Trichlorobenzene	10.469	180	1835587	86.611	ng	99
31) Naphthalene	10.657	128	4667851	86.886	ng	100
32) Benzoic acid	9.951	122	869055	98.267	ng	99
33) 4-Chloroaniline	10.763	127	1574032	85.850	ng	99
34) Hexachlorobutadiene	10.945	225	1152996	88.127	ng	99
35) Caprolactam	11.563	113	376485	95.730	ng	98
36) 4-Chloro-3-methylphenol	11.898	107	1350170	92.879	ng	99
37) 2-Methylnaphthalene	12.269	142	3320321	88.386	ng	100
38) 1-Methylnaphthalene	12.487	142	3199086	88.266	ng	99
40) 1,2,4,5-Tetrachloroben...	12.639	216	2141091	90.734	ng	98
41) Hexachlorocyclopentadiene	12.622	237	794094	90.835	ng	98
43) 2,4,6-Trichlorophenol	12.881	196	1245983	94.277	ng	99
44) 2,4,5-Trichlorophenol	12.951	196	1327706	92.060	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049713.D
 Acq On : 13 Mar 2025 13:37
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:44:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.281	154	4324552	87.343	ng	99
47) 2-Chloronaphthalene	13.322	162	3342606	86.734	ng	99
48) 2-Nitroaniline	13.522	65	823026	95.132	ng	98
49) Acenaphthylene	14.169	152	4822145	89.516	ng	99
50) Dimethylphthalate	13.910	163	3886504	87.869	ng	100
51) 2,6-Dinitrotoluene	14.022	165	806435	90.994	ng	96
52) Acenaphthene	14.516	154	3143606	89.077	ng	99
53) 3-Nitroaniline	14.351	138	796441	94.437	ng	99
54) 2,4-Dinitrophenol	14.551	184	448121	79.774	ng	99
55) Dibenzofuran	14.845	168	5185747	88.075	ng	99
56) 4-Nitrophenol	14.669	139	686661	93.537	ng	96
57) 2,4-Dinitrotoluene	14.810	165	1093074	95.850	ng	99
58) Fluorene	15.498	166	4450434	92.838	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.075	232	1157649	95.892	ng	98
60) Diethylphthalate	15.275	149	3759097	90.238	ng	98
61) 4-Chlorophenyl-phenyle...	15.492	204	2474798	94.541	ng	96
62) 4-Nitroaniline	15.516	138	844824	81.361	ng	98
63) Azobenzene	15.786	77	3572876	89.793	ng	97
65) 4,6-Dinitro-2-methylph...	15.575	198	629745	79.696	ng	98
66) n-Nitrosodiphenylamine	15.704	169	3345747	89.598	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	1331345	93.560	ng	95
68) Hexachlorobenzene	16.498	284	1464777	91.538	ng	98
70) Pentachlorophenol	16.839	266	985815	98.033	ng	98
71) Phenanthrene	17.233	178	6176071	90.245	ng	100
72) Anthracene	17.322	178	6142455	92.677	ng	99
73) Carbazole	17.592	167	5563088	92.681	ng	99
74) Di-n-butylphthalate	18.163	149	6356664	96.623	ng	99
75) Fluoranthene	19.245	202	7783589	98.788	ng	99
77) Benzidine	19.427	184	1374821	88.806	ng	99
78) Pyrene	19.610	202	8049120	89.407	ng	99
80) Butylbenzylphthalate	20.510	149	2716011	97.212	ng	98
81) Benzo(a)anthracene	21.409	228	7806292	90.698	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	2739621	97.766	ng	99
83) Chrysene	21.474	228	7399577	90.694	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	4246419	97.524	ng #	96
85) Di-n-octyl phthalate	22.486	149	6646660	98.213	ng	98
87) Indeno(1,2,3-cd)pyrene	27.856	276	7894972	95.562	ng	99
88) Benzo(b)fluoranthene	23.498	252	7512407	97.171	ng	99
89) Benzo(k)fluoranthene	23.562	252	7220461	94.915	ng	98
90) Benzo(a)pyrene	24.309	252	6327756	97.443	ng	99
91) Dibenzo(a,h)anthracene	27.921	278	6611470	96.052	ng	100
92) Benzo(g,h,i)perylene	28.927	276	6460933	93.187	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049713.D
 Acq On : 13 Mar 2025 13:37
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025

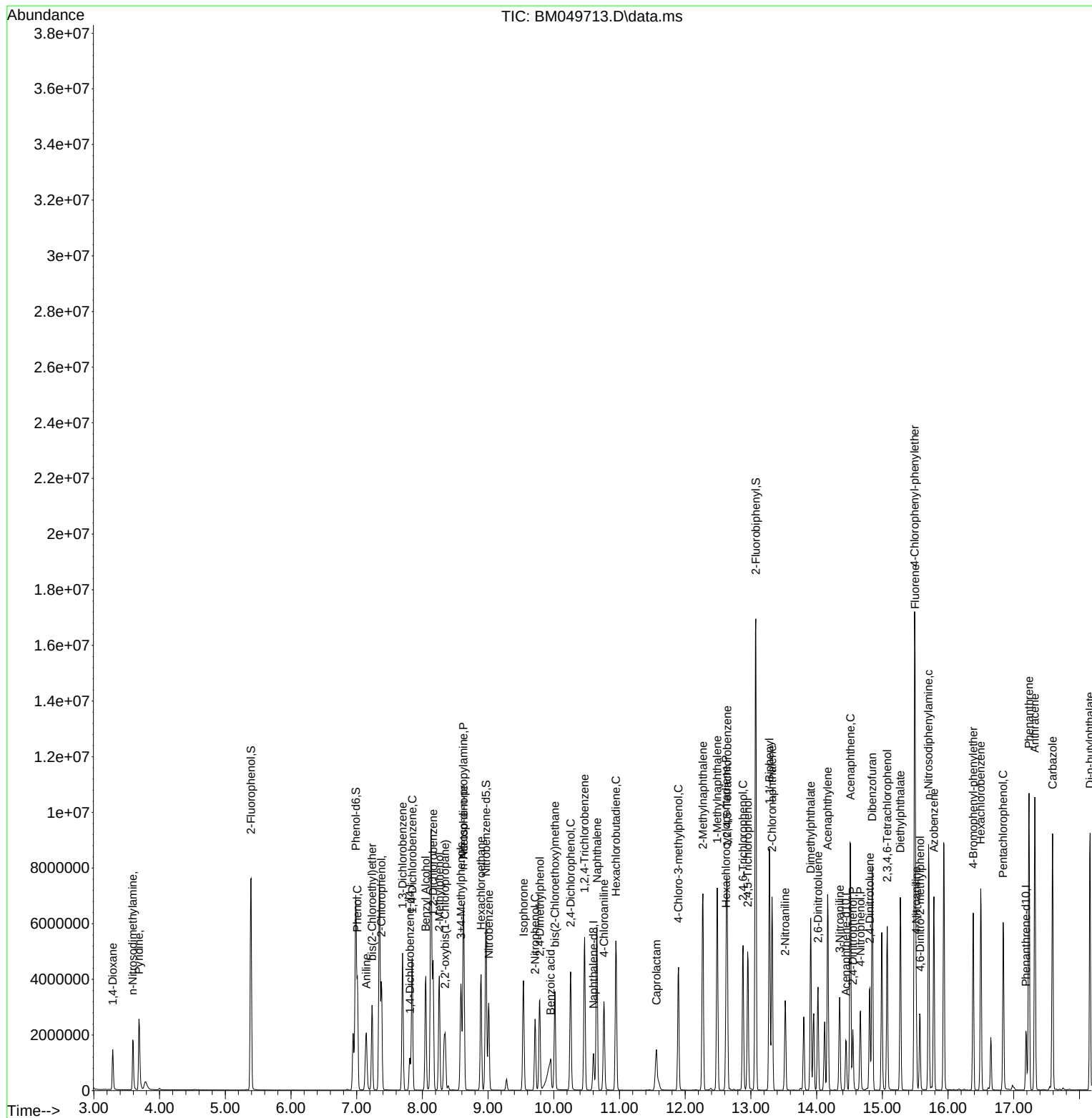
Quant Time: Mar 13 14:44:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 13 14:27:21 2025

Response via : Initial Calibration



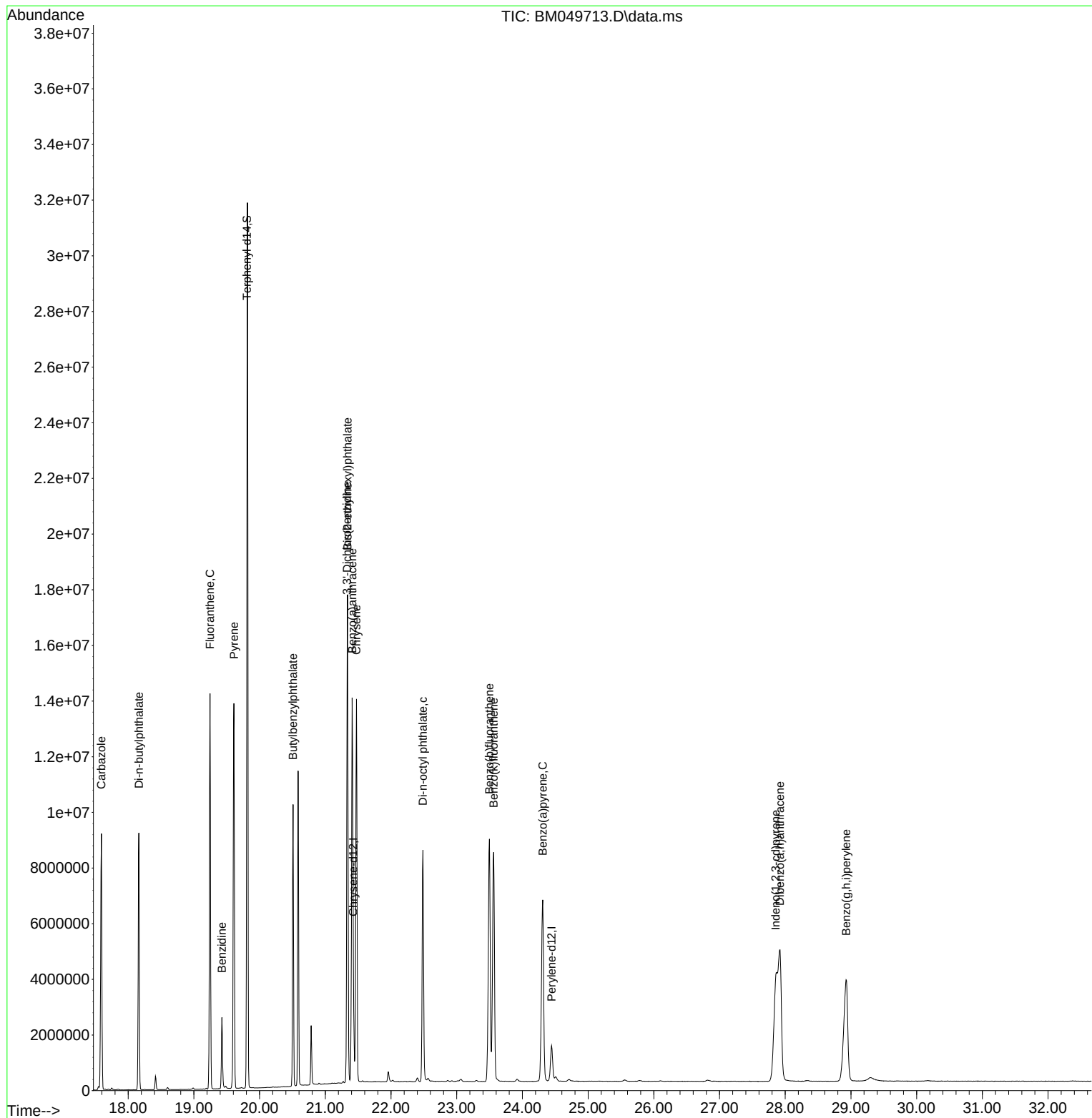
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Data File : BM049713.D
Acq On : 13 Mar 2025 13:37
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

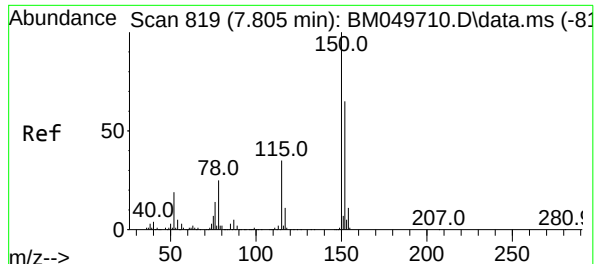
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

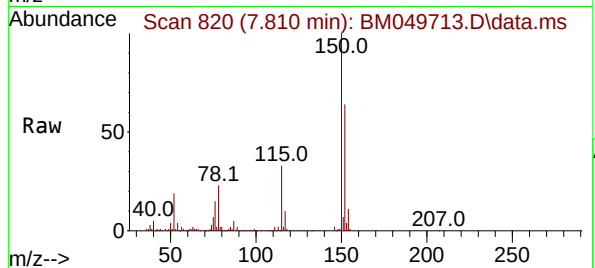
Quant Time: Mar 13 14:44:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 819
Delta R.T. 0.005 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

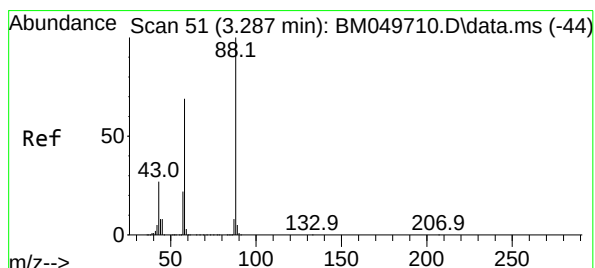
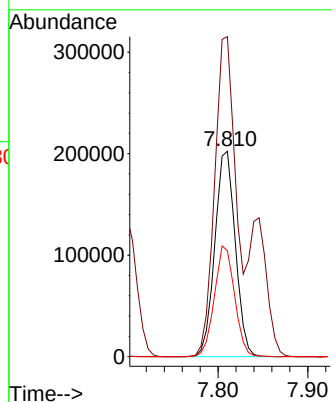
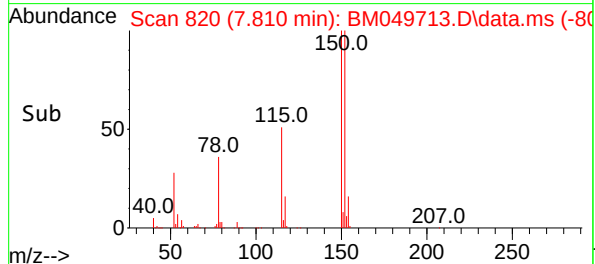
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 320715
Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.8
115 51.5 43.0 64.6

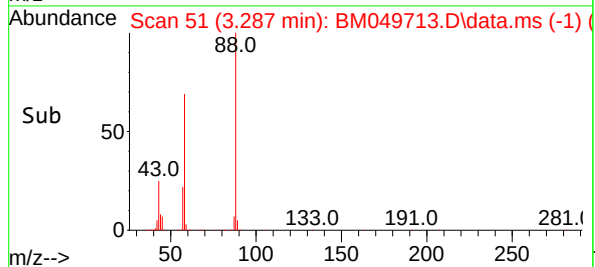
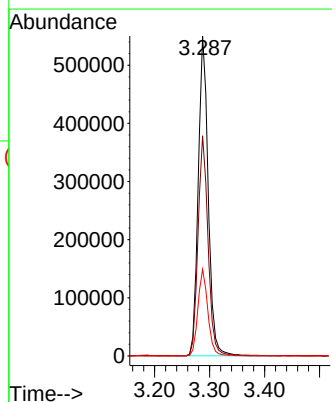
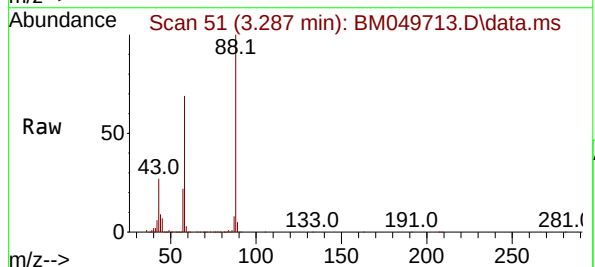
Manual Integrations
APPROVED

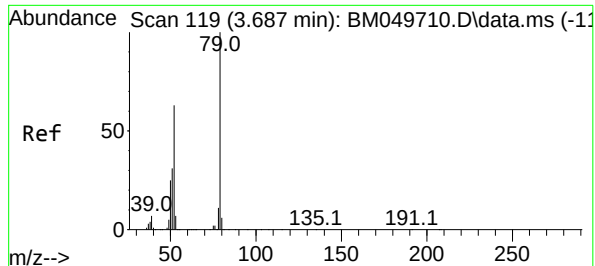
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#2
1,4-Dioxane
Concen: 84.311 ng
RT: 3.287 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

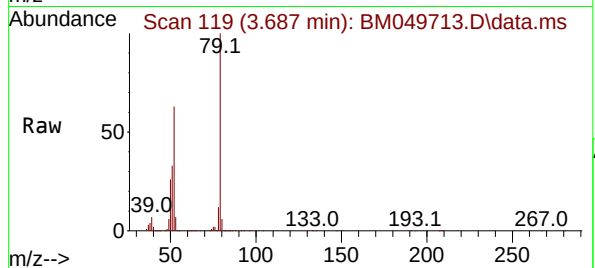
Tgt Ion: 88 Resp: 693723
Ion Ratio Lower Upper
88 100
58 69.3 56.7 85.1
43 27.1 22.6 34.0





#3
Pyridine
Concen: 82.522 ng m
RT: 3.687 min Scan# 119
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

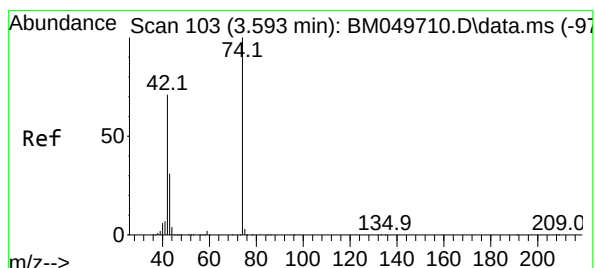
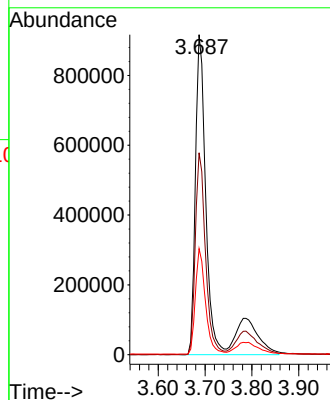
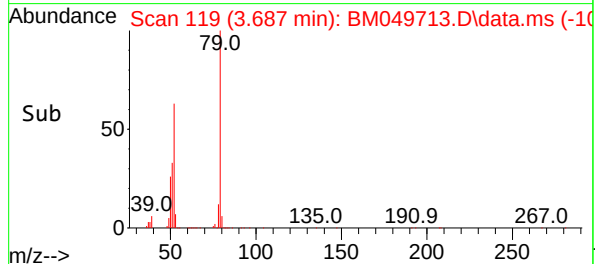
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 173627
Ion Ratio Lower Upper
79 100
52 63.1 50.1 75.1
51 33.1 25.2 37.8

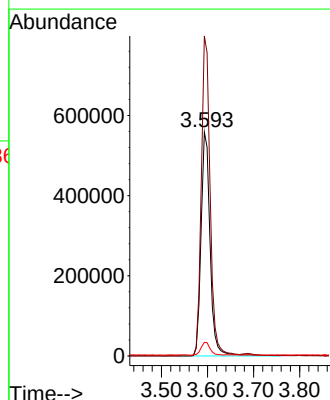
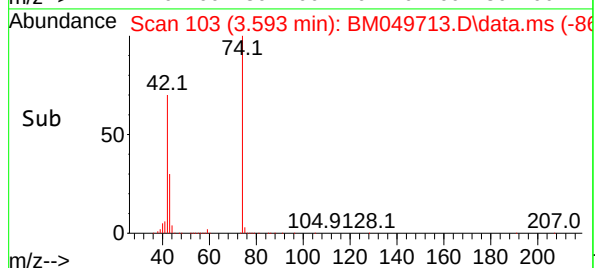
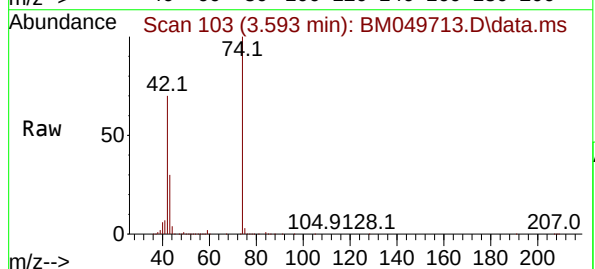
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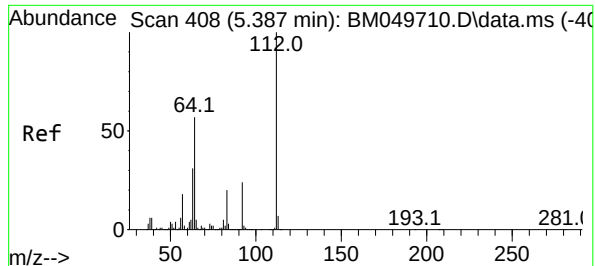
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#4
n-Nitrosodimethylamine
Concen: 81.744 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

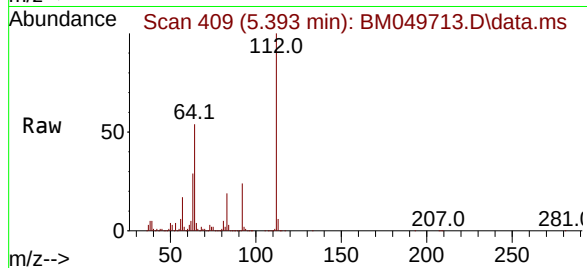
Tgt Ion: 42 Resp: 760047
Ion Ratio Lower Upper
42 100
74 143.0 112.6 168.8
44 6.1 5.0 7.6





#5
2-Fluorophenol
Concen: 173.818 ng
RT: 5.393 min Scan# 408
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

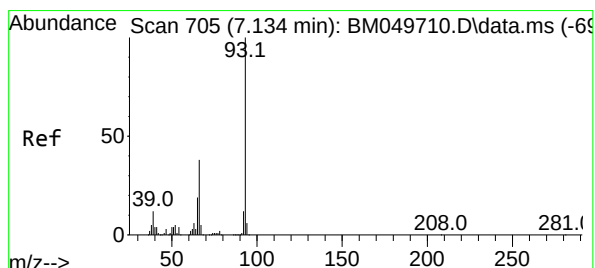
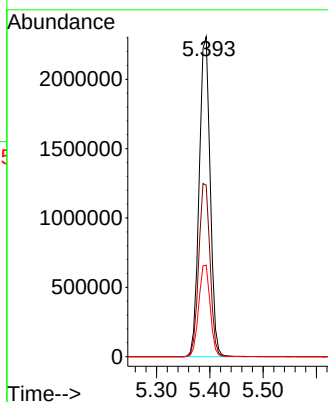
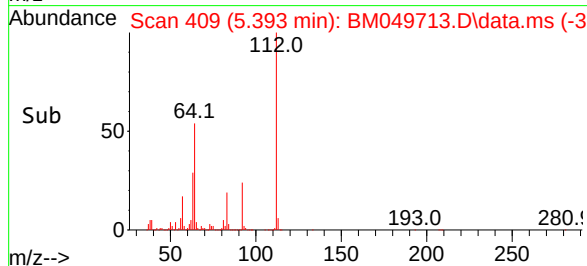
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 330381
Ion Ratio Lower Upper
112 100
64 53.6 45.3 67.9
63 28.6 24.4 36.6

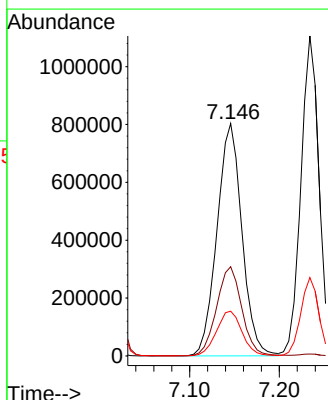
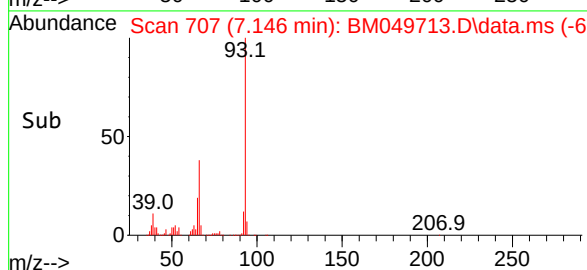
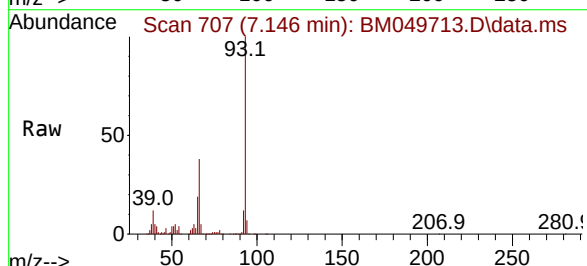
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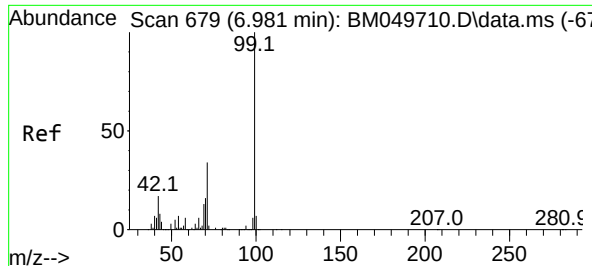
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#6
Aniline
Concen: 77.633 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.012 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

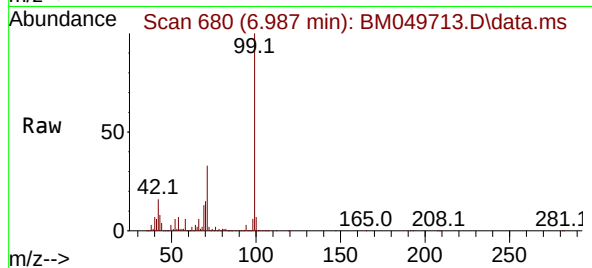
Tgt Ion: 93 Resp: 1551413
Ion Ratio Lower Upper
93 100
66 38.4 30.6 46.0
65 19.3 15.4 23.2





#7
Phenol-d6
Concen: 172.375 ng
RT: 6.987 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

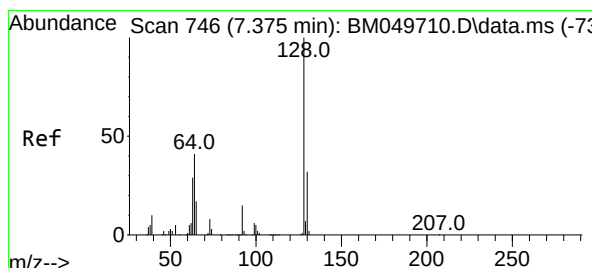
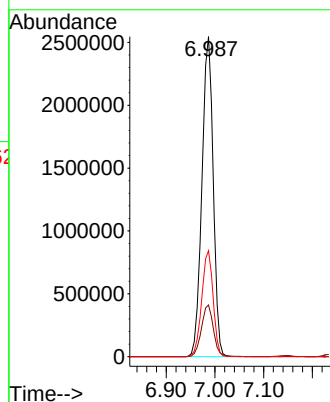
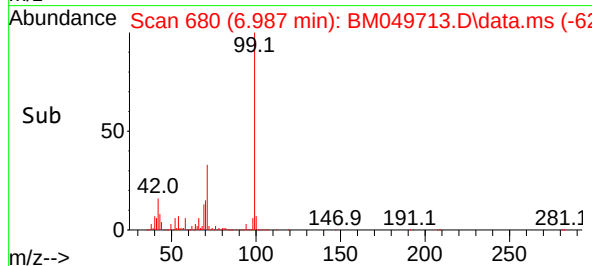
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 411168
Ion Ratio Lower Upper
99 100
42 16.1 13.6 20.4
71 33.1 27.0 40.6

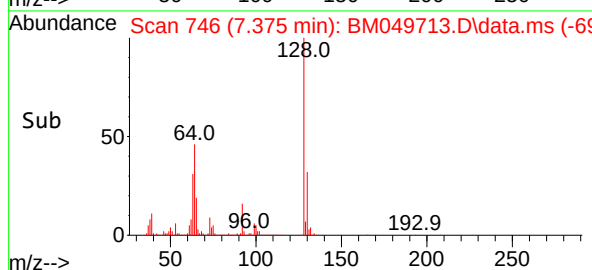
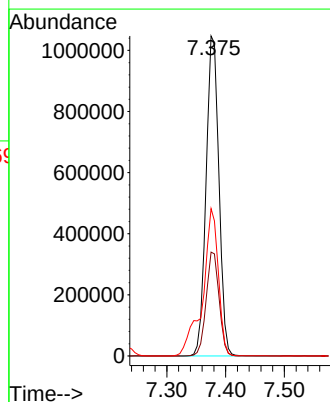
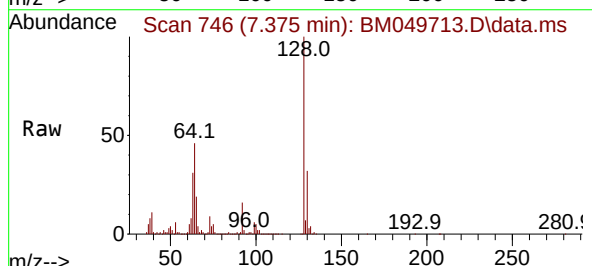
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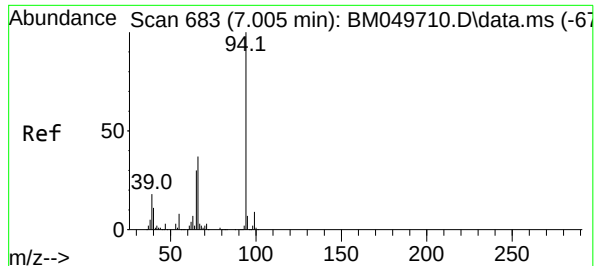
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#8
2-Chlorophenol
Concen: 84.337 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

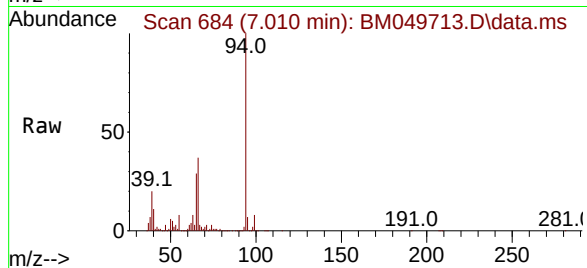
Tgt Ion:128 Resp: 1587429
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 46.1 24.9 64.9





#10
Phenol
Concen: 84.211 ng
RT: 7.010 min Scan# 683
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

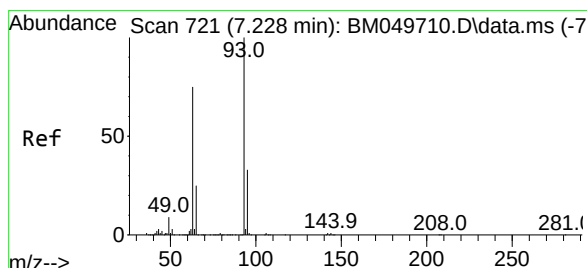
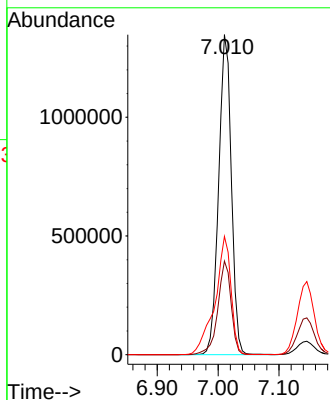
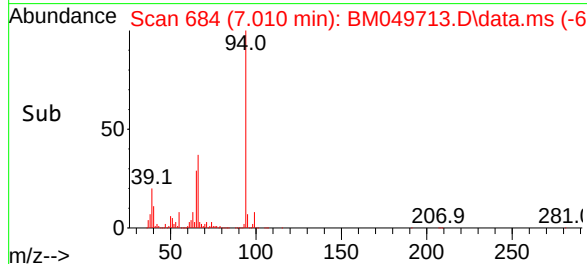
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion: 94 Resp: 1947710
Ion Ratio Lower Upper
94 100
65 29.2 10.4 50.4
66 37.0 17.1 57.1

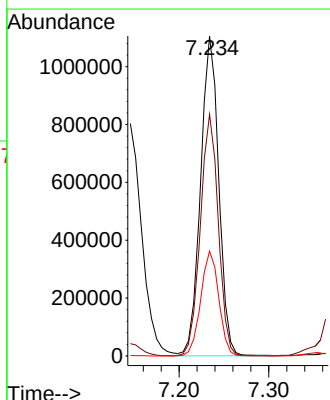
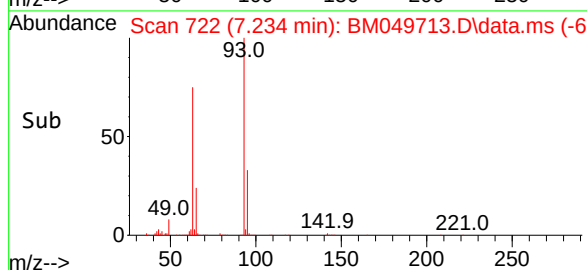
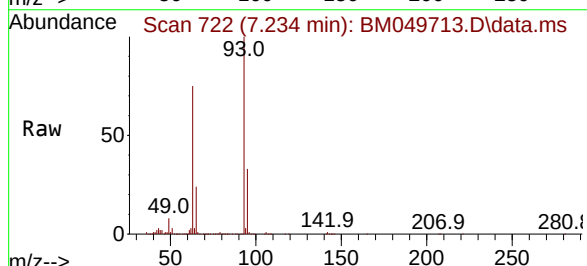
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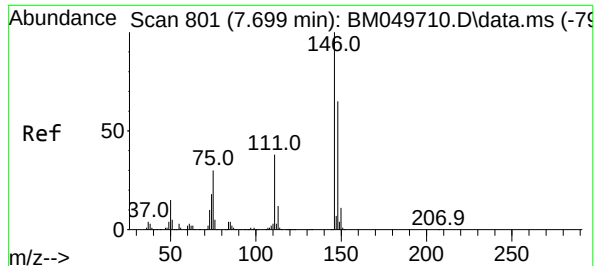
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#11
bis(2-Chloroethyl)ether
Concen: 82.999 ng
RT: 7.234 min Scan# 722
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

Tgt Ion: 93 Resp: 1554529
Ion Ratio Lower Upper
93 100
63 75.5 54.8 94.8
95 32.8 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 83.613 ng

RT: 7.699 min Scan# 801

Delta R.T. -0.000 min

Lab File: BM049713.D

Acq: 13 Mar 2025 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1912608

Ion Ratio Lower Upper

146 100

148 65.7 52.3 78.5

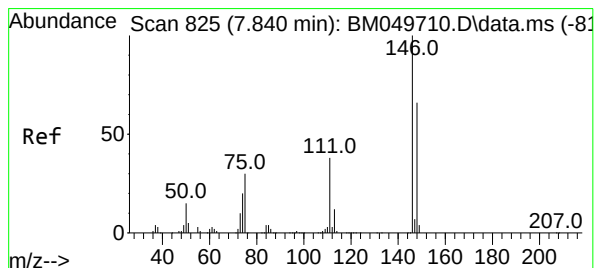
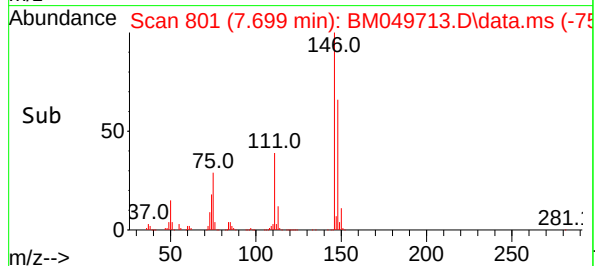
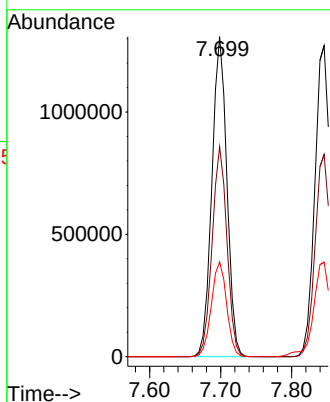
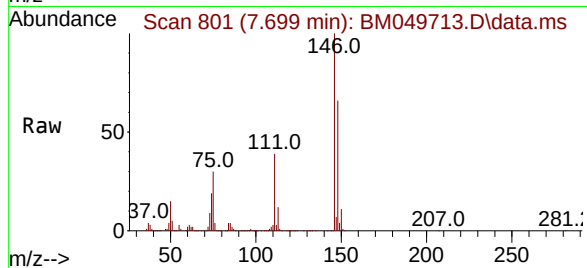
75 29.6 24.2 36.2

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#13

1,4-Dichlorobenzene

Concen: 83.439 ng

RT: 7.846 min Scan# 826

Delta R.T. 0.006 min

Lab File: BM049713.D

Acq: 13 Mar 2025 13:37

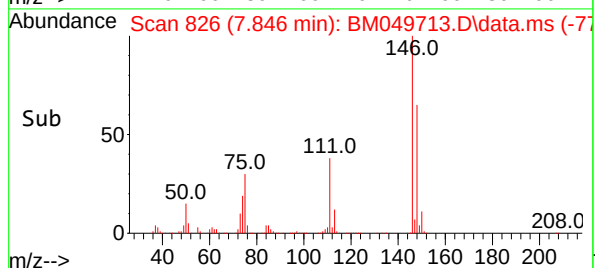
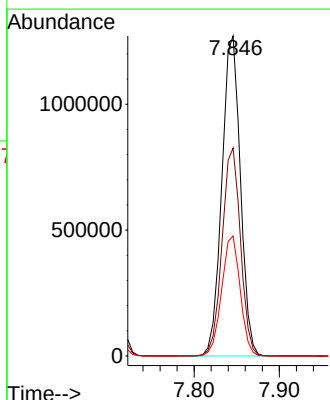
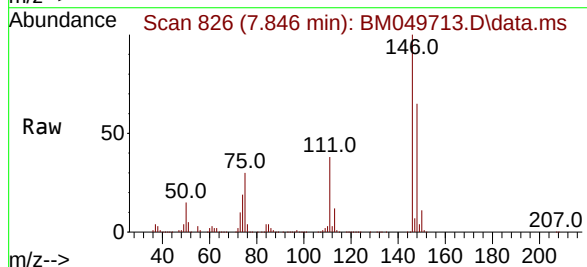
Tgt Ion:146 Resp: 1925476

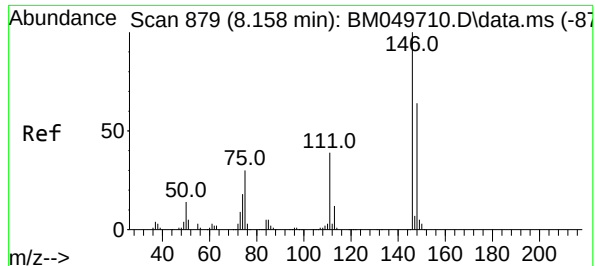
Ion Ratio Lower Upper

146 100

148 65.0 52.6 79.0

111 37.5 30.8 46.2





#14

1,2-Dichlorobenzene

Concen: 82.593 ng

RT: 8.163 min Scan# 81

Delta R.T. 0.006 min

Lab File: BM049713.D

Acq: 13 Mar 2025 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1811374

Ion Ratio Lower Upper

146 100

148 65.4 50.9 76.3

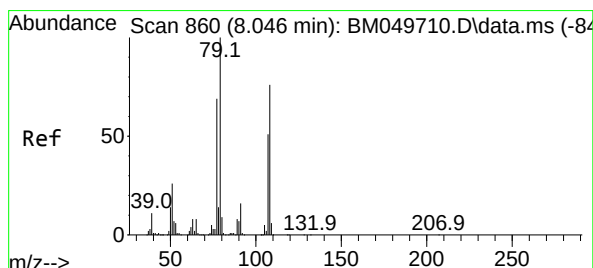
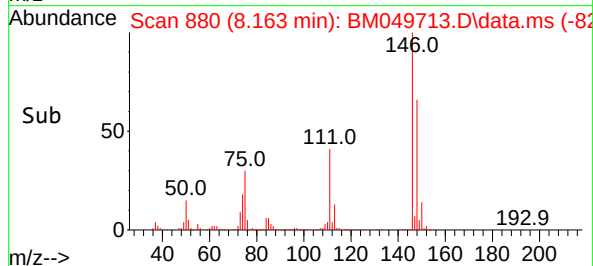
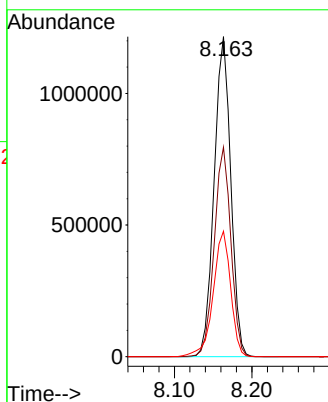
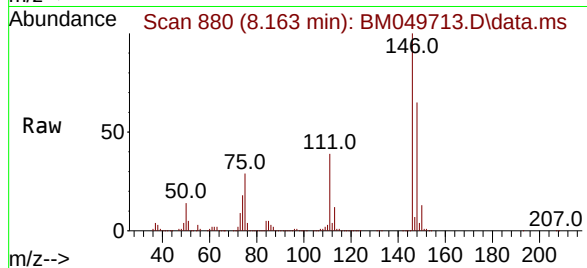
111 39.2 31.0 46.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#15

Benzyl Alcohol

Concen: 87.341 ng

RT: 8.052 min Scan# 861

Delta R.T. 0.006 min

Lab File: BM049713.D

Acq: 13 Mar 2025 13:37

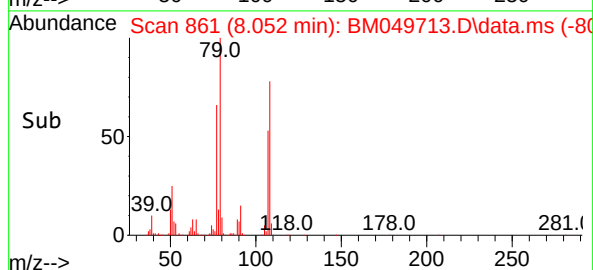
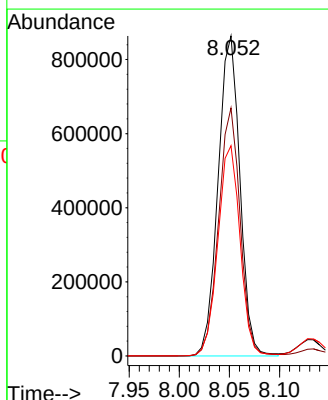
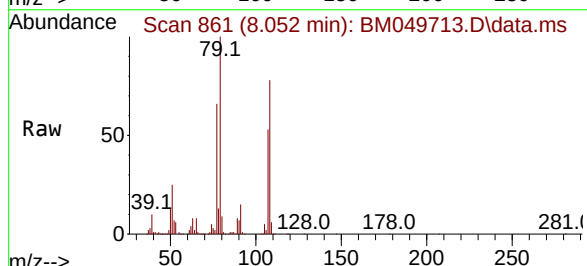
Tgt Ion: 79 Resp: 1307396

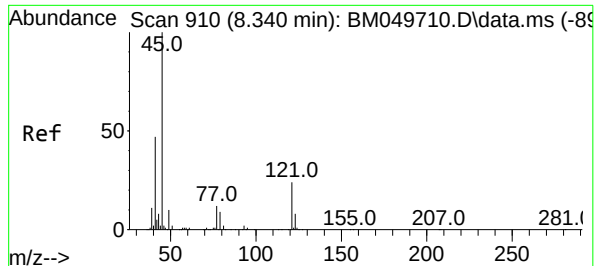
Ion Ratio Lower Upper

79 100

108 77.5 60.7 91.1

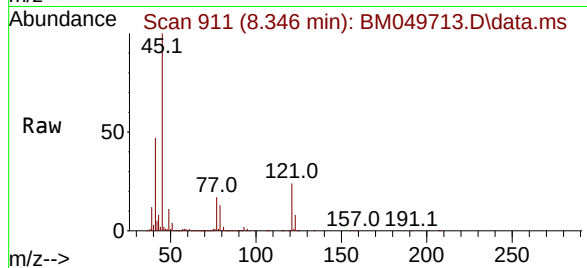
77 65.7 55.4 83.2





#16
2,2'-oxybis(1-Chloropropane)
Concen: 79.747 ng
RT: 8.346 min Scan# 910
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

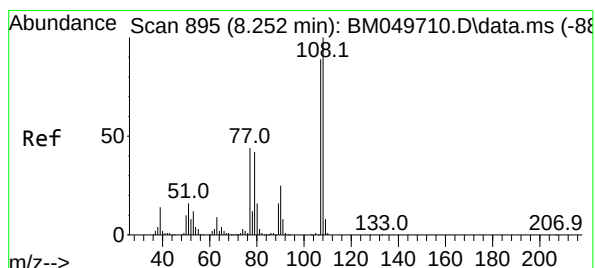
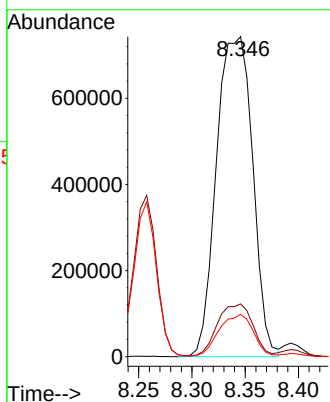
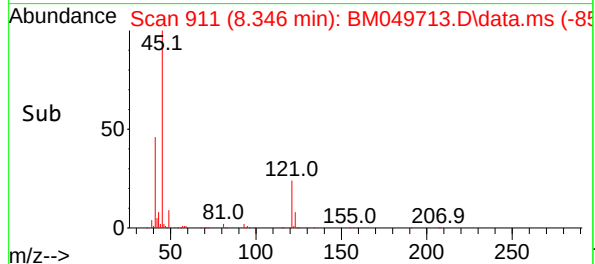
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion: 45 Resp: 1755494
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.1
79 13.3 0.0 32.8

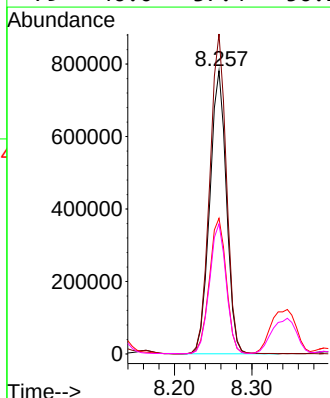
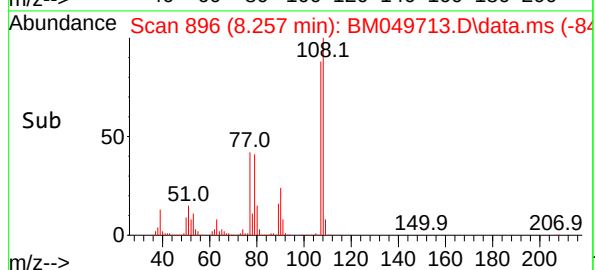
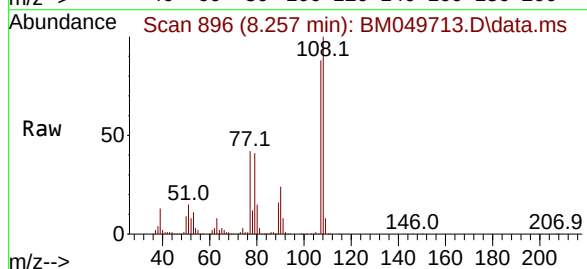
Manual Integrations
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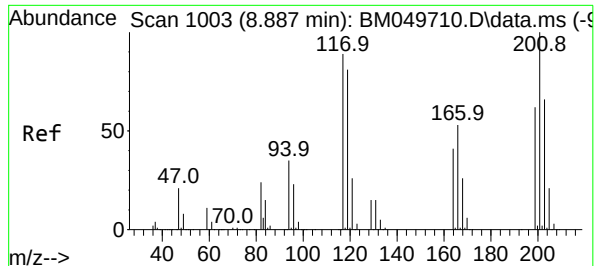
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#17
2-Methylphenol
Concen: 84.879 ng
RT: 8.257 min Scan# 896
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

Tgt Ion:107 Resp: 1165523
Ion Ratio Lower Upper
107 100
108 113.0 89.6 134.4
77 47.9 39.8 59.6
79 46.0 37.4 56.2





#18

Hexachloroethane

Concen: 84.211 ng

RT: 8.893 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BM049713.D

Acq: 13 Mar 2025 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:117 Resp: 686259

Ion Ratio Lower Upper

117 100

119 95.8 73.1 109.7

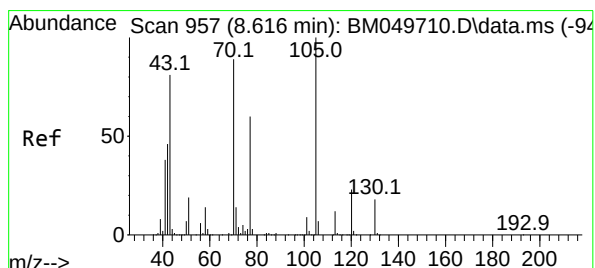
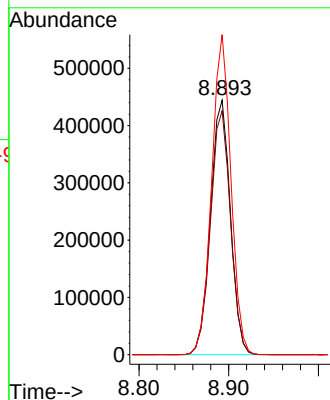
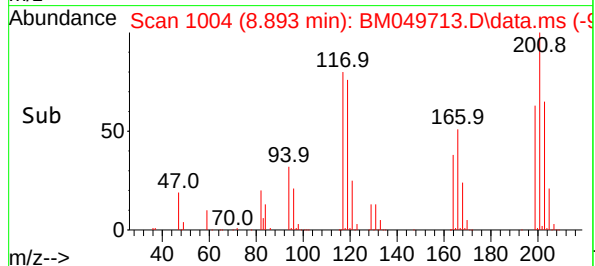
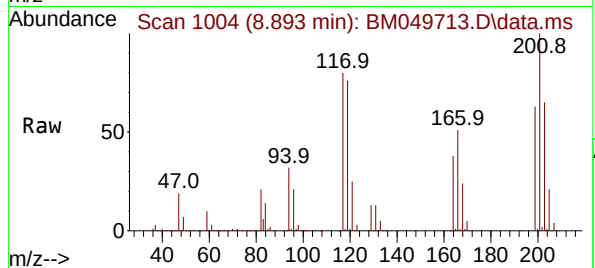
201 125.8 90.0 135.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#19

n-Nitroso-di-n-propylamine

Concen: 85.807 ng

RT: 8.622 min Scan# 958

Delta R.T. 0.006 min

Lab File: BM049713.D

Acq: 13 Mar 2025 13:37

Tgt Ion: 70 Resp: 1186843

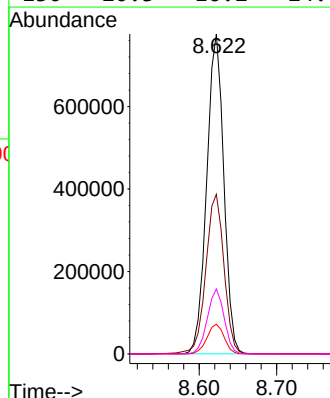
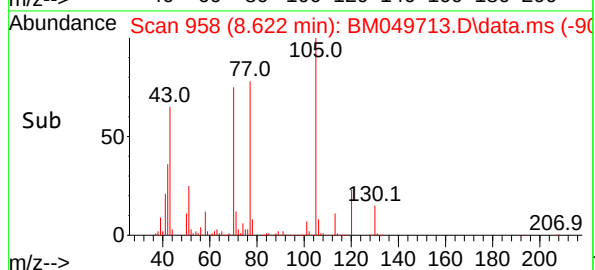
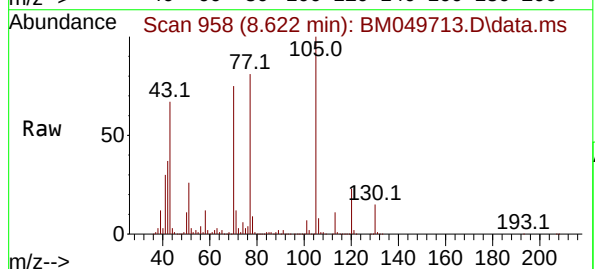
Ion Ratio Lower Upper

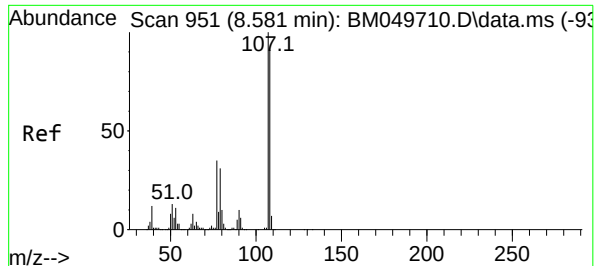
70 100

42 49.9 41.8 62.6

101 9.3 7.7 11.5

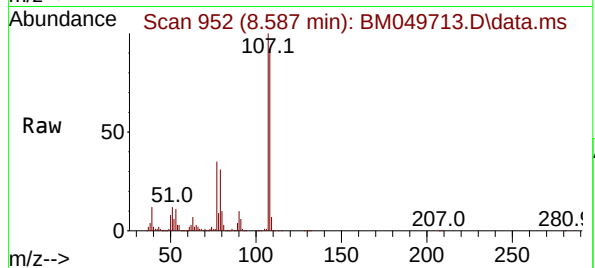
130 20.3 16.2 24.4





#20
3+4-Methylphenols
Concen: 85.996 ng
RT: 8.587 min Scan# 951
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

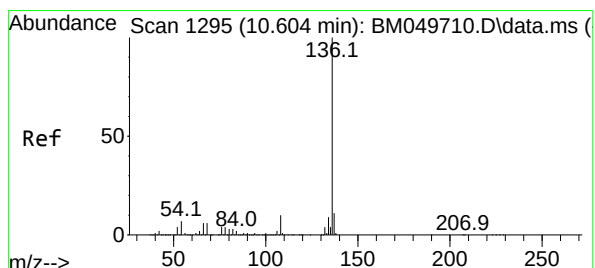
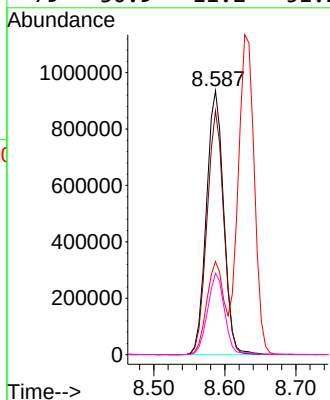
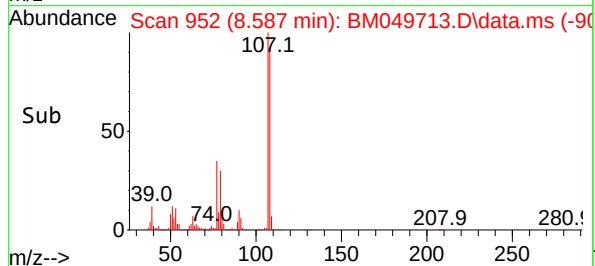
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 158250
Ion Ratio Lower Upper
107 100
108 92.5 71.0 111.0
77 35.3 15.1 55.1
79 30.9 11.2 51.2

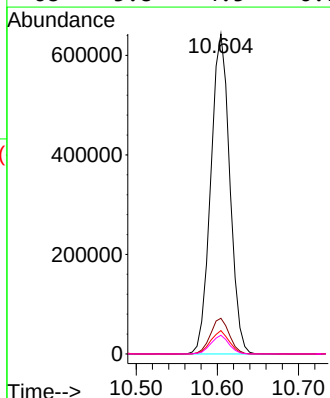
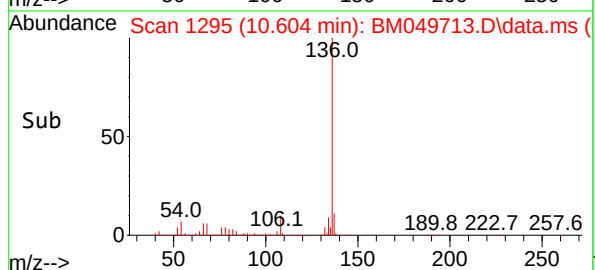
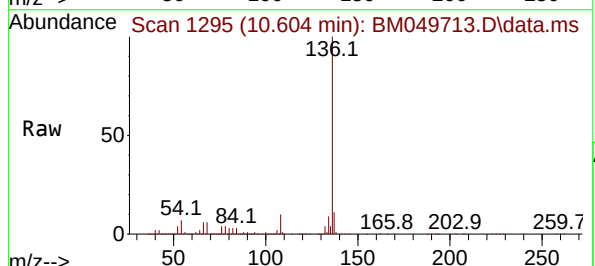
Manual Integrations
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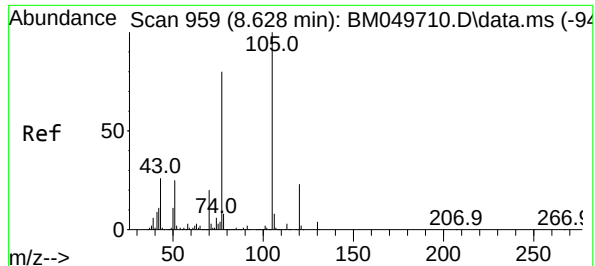
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

Tgt Ion:136 Resp: 1044790
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 7.3 5.8 8.8
68 5.8 4.5 6.7





#22

Acetophenone

Concen: 85.099 ng

RT: 8.628 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM049713.D

Acq: 13 Mar 2025 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:105 Resp: 229249

Ion Ratio Lower Upper

105 100

71 6.8 2.5 3.7

51 24.5 19.9 29.9

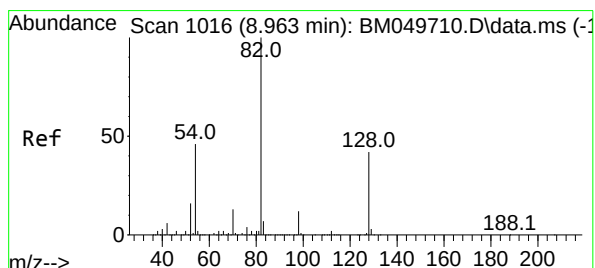
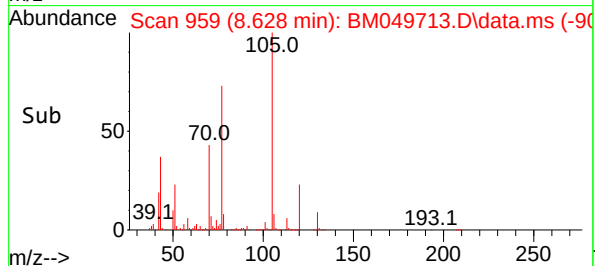
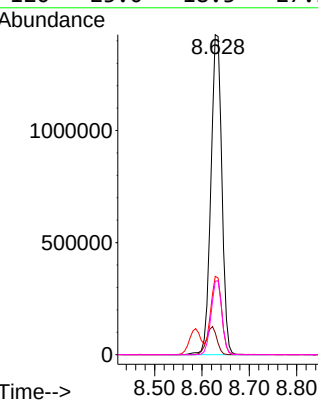
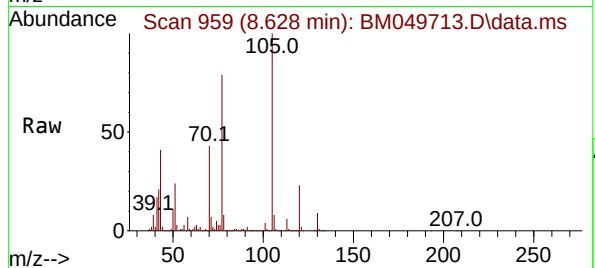
120 23.0 18.3 27.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#23

Nitrobenzene-d5

Concen: 173.392 ng

RT: 8.969 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BM049713.D

Acq: 13 Mar 2025 13:37

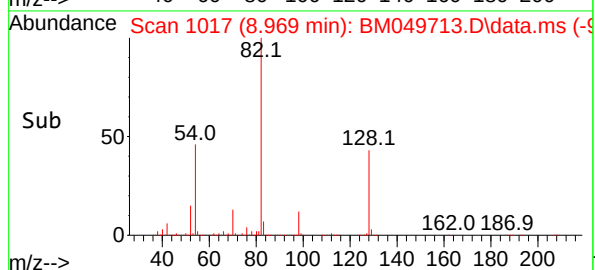
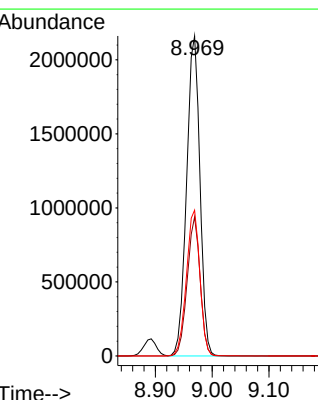
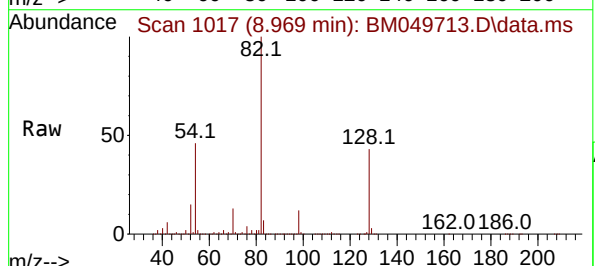
Tgt Ion: 82 Resp: 3528480

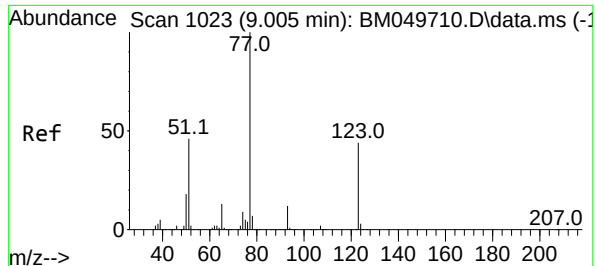
Ion Ratio Lower Upper

82 100

128 43.5 33.4 50.0

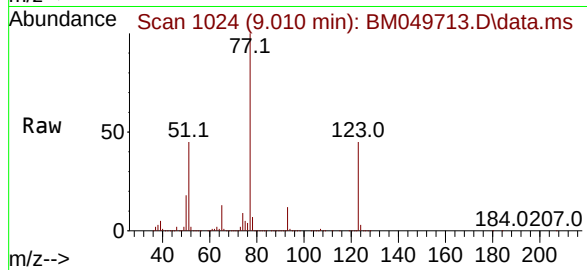
54 45.5 36.4 54.6





#24
Nitrobenzene
Concen: 85.275 ng
RT: 9.010 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

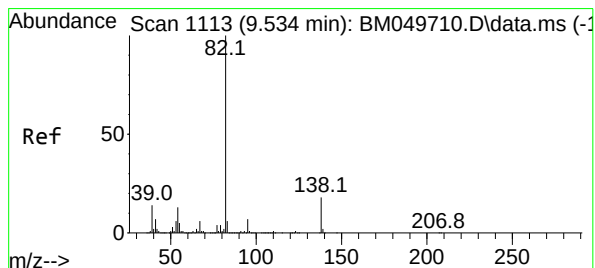
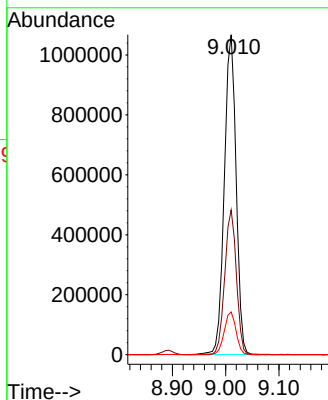
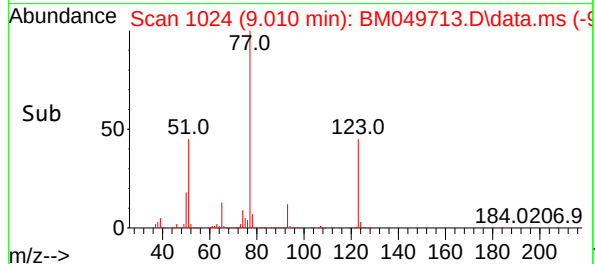
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 1636270
Ion Ratio Lower Upper
77 100
123 45.2 34.9 52.3
65 13.4 10.6 15.8

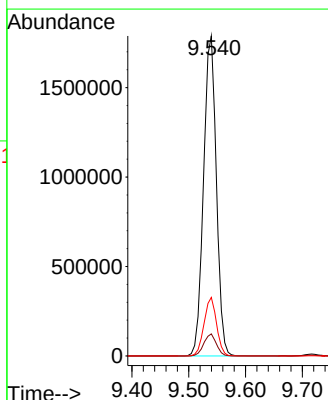
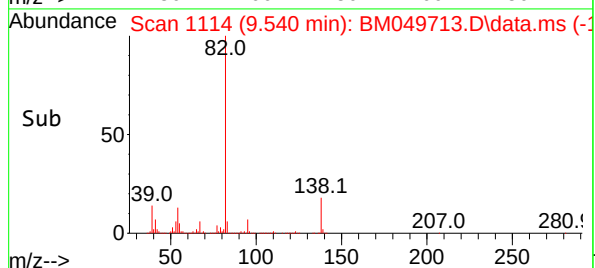
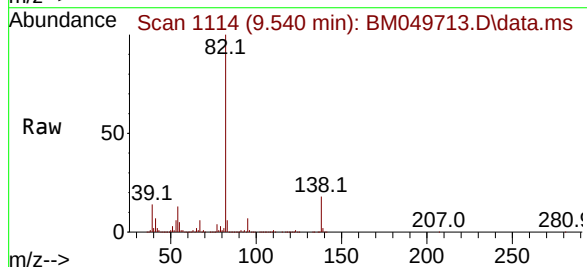
Manual Integrations
APPROVED

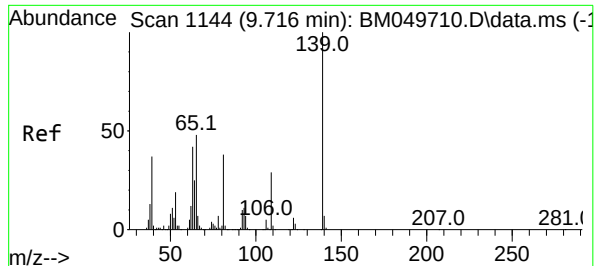
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#25
Isophorone
Concen: 89.344 ng
RT: 9.540 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

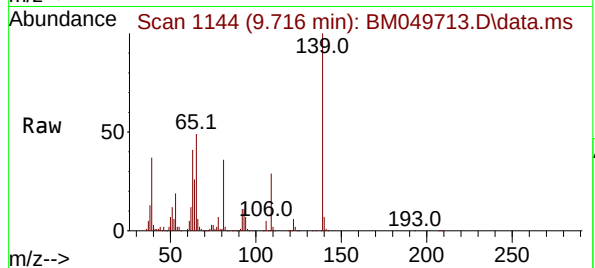
Tgt Ion: 82 Resp: 2791486
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 18.3 14.4 21.6





#26
2-Nitrophenol
Concen: 96.097 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

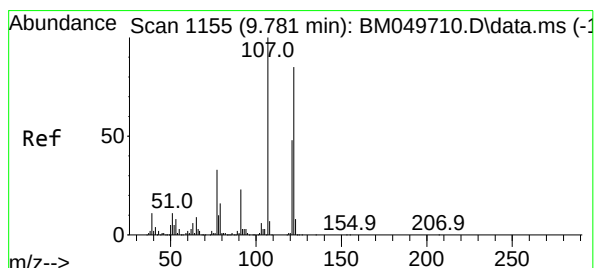
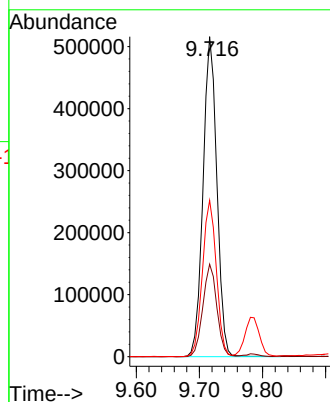
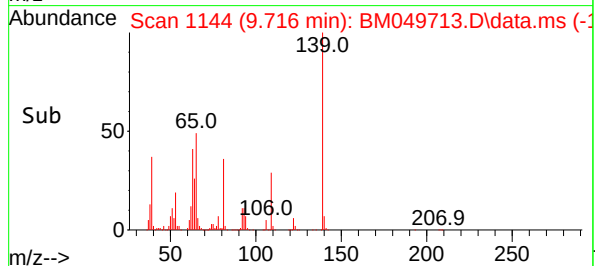
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 784824
Ion Ratio Lower Upper
139 100
109 28.9 23.3 34.9
65 48.8 38.6 58.0

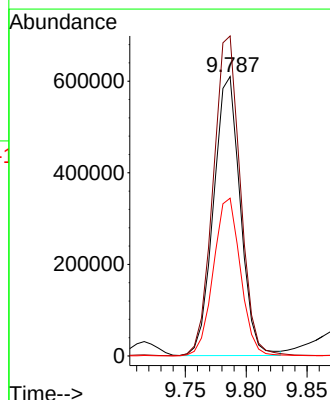
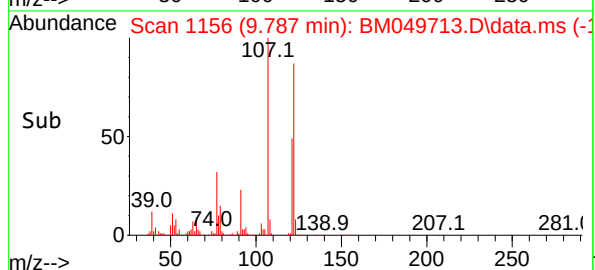
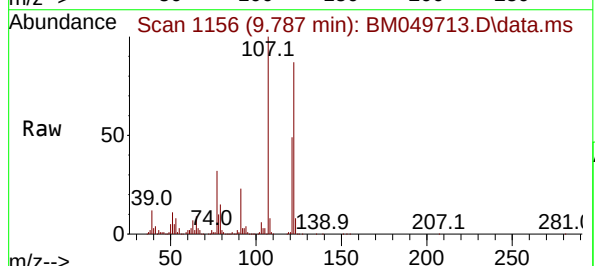
Manual Integrations
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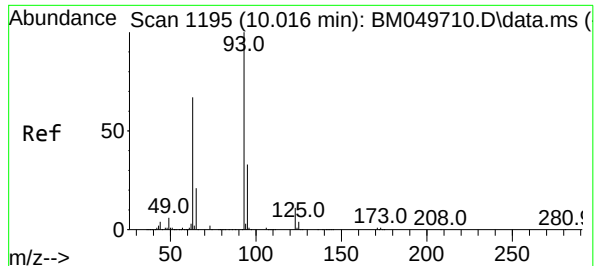
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#27
2,4-Dimethylphenol
Concen: 89.713 ng
RT: 9.787 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

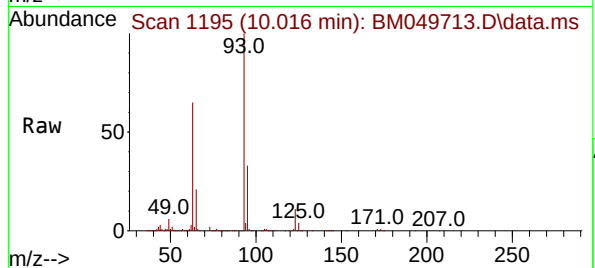
Tgt Ion:122 Resp: 932622
Ion Ratio Lower Upper
122 100
107 114.5 94.3 141.5
121 56.4 45.4 68.2





#28
bis(2-Chloroethoxy)methane
Concen: 86.068 ng
RT: 10.016 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

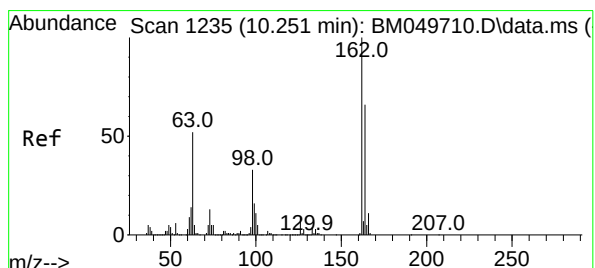
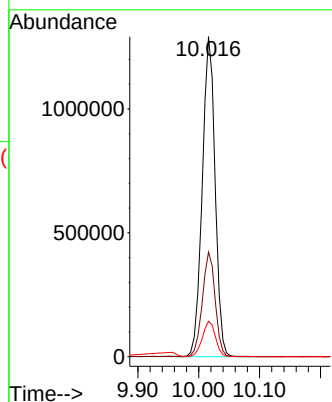
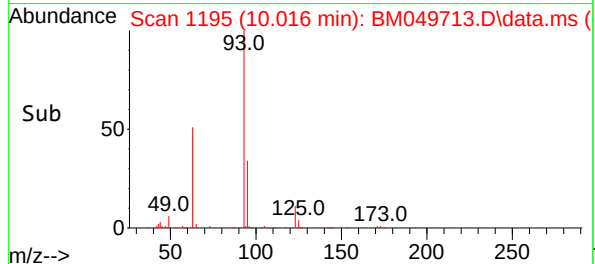
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion: 93 Resp: 1893999
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 11.0 9.0 13.6

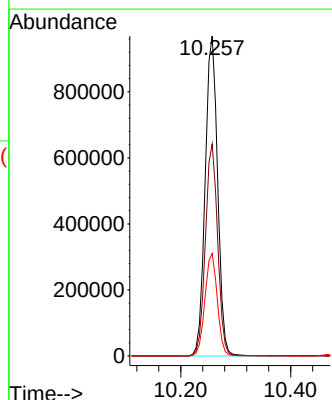
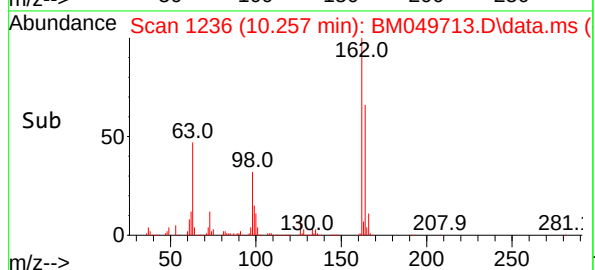
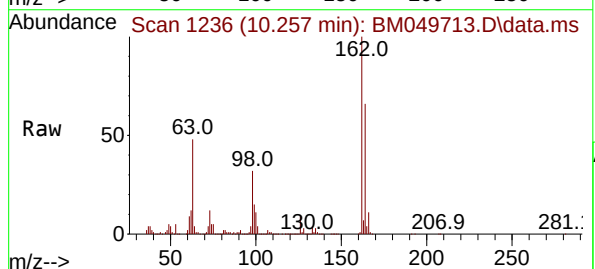
Manual Integrations
APPROVED

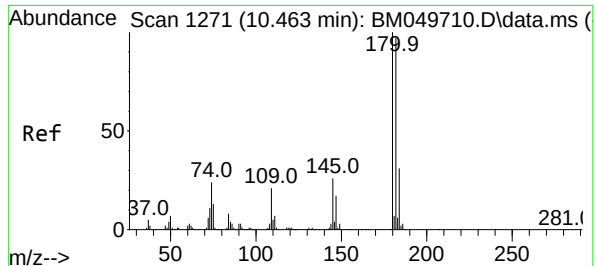
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#29
2,4-Dichlorophenol
Concen: 89.758 ng
RT: 10.257 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

Tgt Ion:162 Resp: 1520440
Ion Ratio Lower Upper
162 100
164 66.3 46.3 86.3
98 32.0 12.8 52.8





#30

1,2,4-Trichlorobenzene

Concen: 86.611 ng

RT: 10.469 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM049713.D

Acq: 13 Mar 2025 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:180 Resp: 183558

Ion Ratio Lower Upper

180 100

182 98.2 77.7 116.5

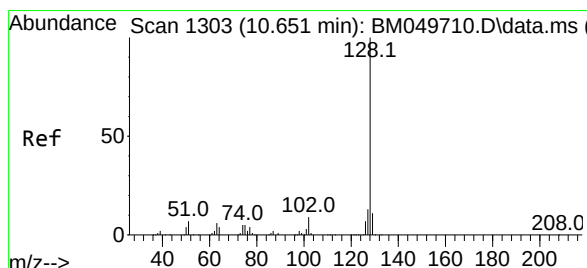
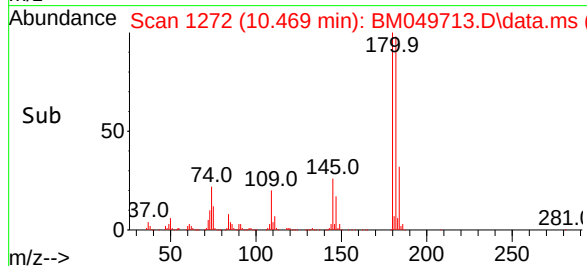
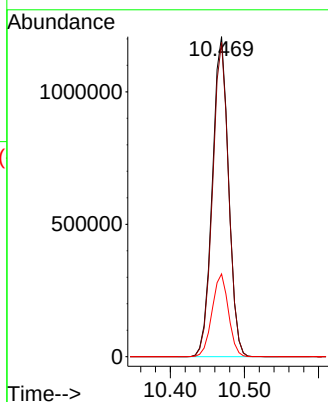
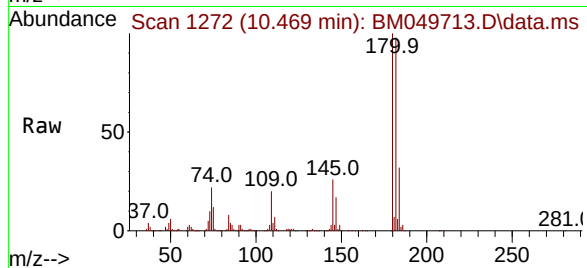
145 25.8 21.0 31.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#31

Naphthalene

Concen: 86.886 ng

RT: 10.657 min Scan# 1304

Delta R.T. 0.006 min

Lab File: BM049713.D

Acq: 13 Mar 2025 13:37

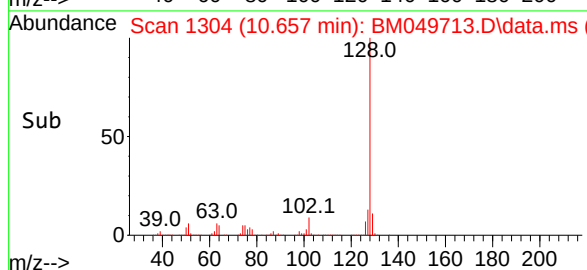
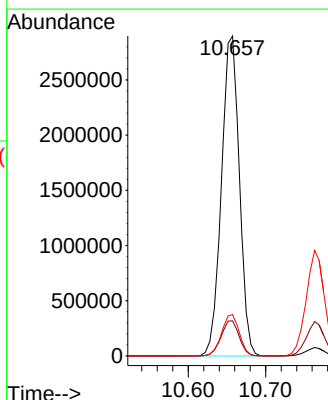
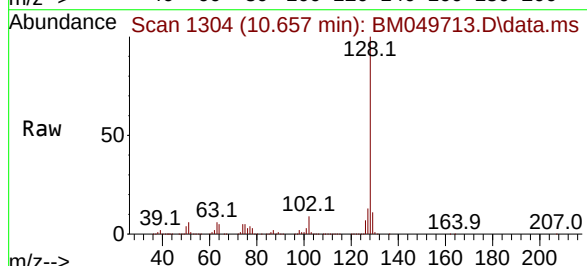
Tgt Ion:128 Resp: 4667851

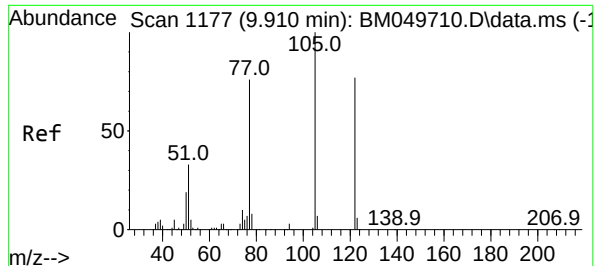
Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

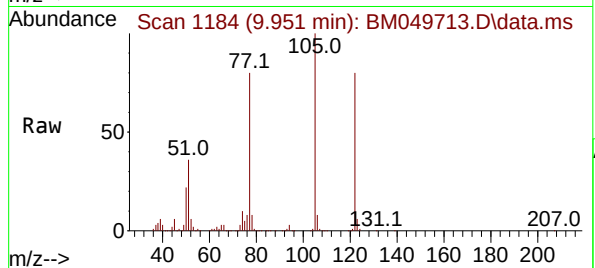
127 12.9 10.4 15.6





#32
Benzoic acid
Concen: 98.267 ng
RT: 9.951 min Scan# 1177
Delta R.T. 0.041 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

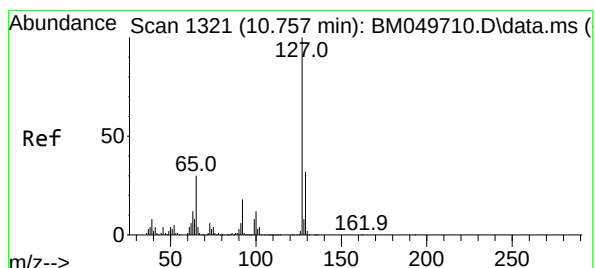
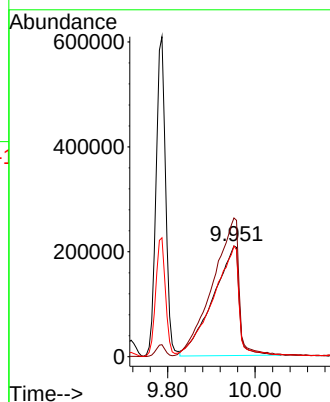
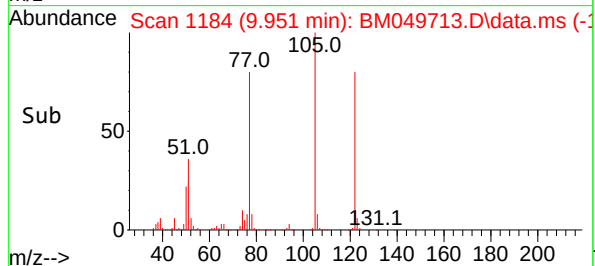
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:122 Resp: 869058
Ion Ratio Lower Upper
122 100
105 125.3 105.6 145.6
77 99.9 76.9 116.9

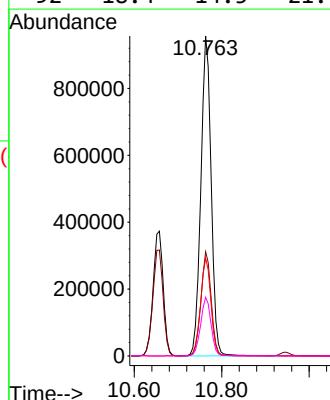
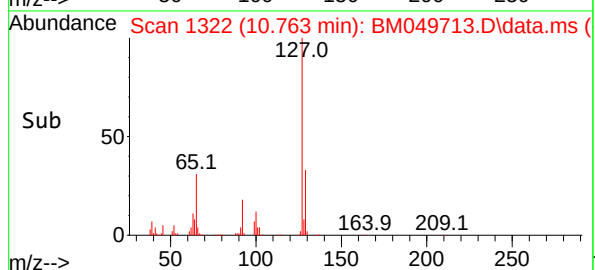
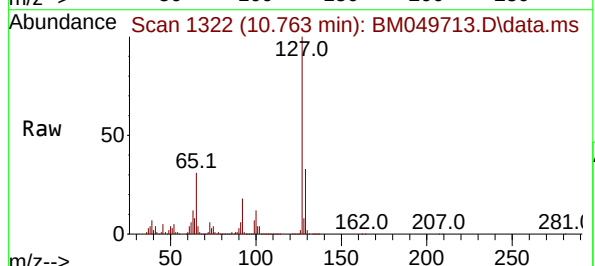
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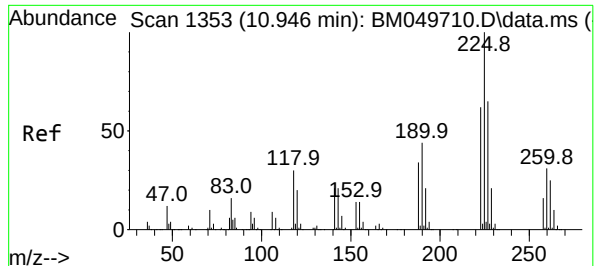
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#33
4-Chloroaniline
Concen: 85.850 ng
RT: 10.763 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

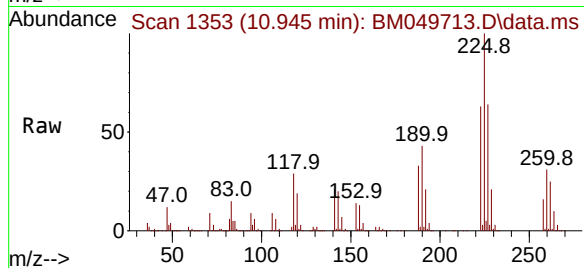
Tgt Ion:127 Resp: 1574032
Ion Ratio Lower Upper
127 100
129 32.5 25.7 38.5
65 30.6 24.1 36.1
92 18.4 14.5 21.7





#34
Hexachlorobutadiene
Concen: 88.127 ng
RT: 10.945 min Scan# 1152990
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

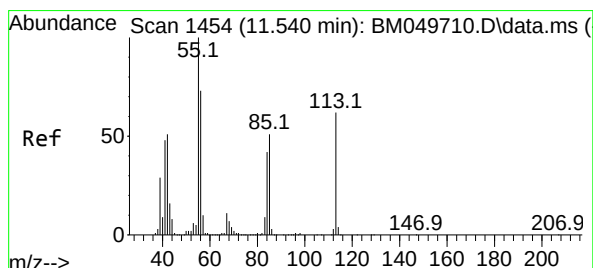
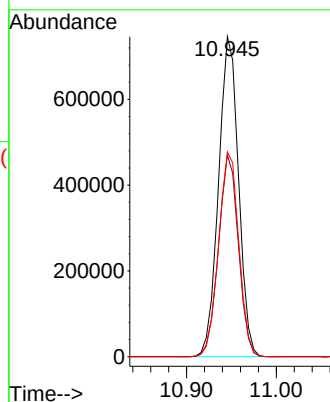
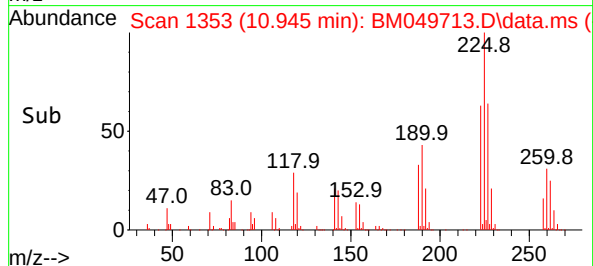
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:225 Resp: 1152990
Ion Ratio Lower Upper
225 100
223 63.1 49.8 74.8
227 64.0 52.1 78.1

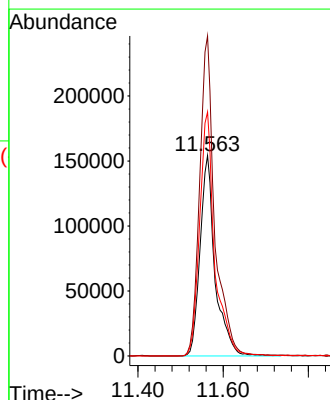
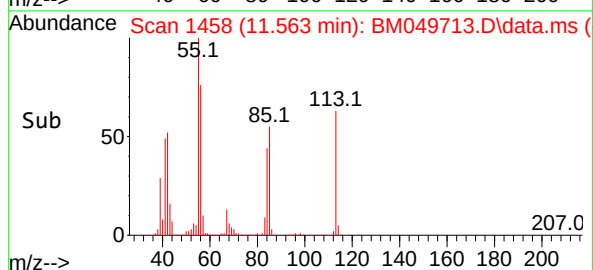
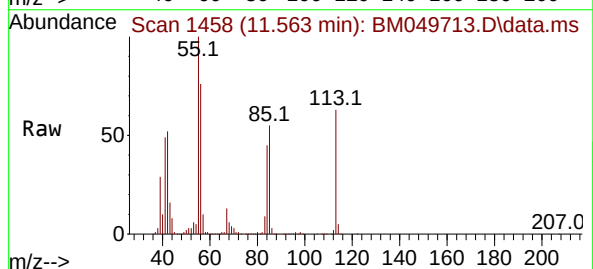
Manual Integrations
APPROVED

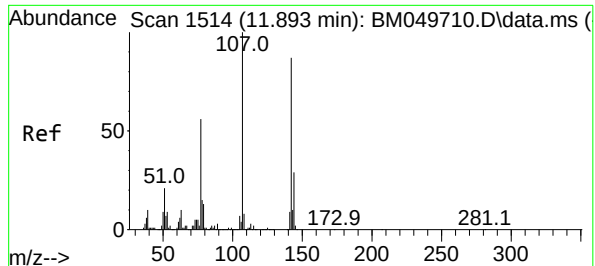
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#35
Caprolactam
Concen: 95.730 ng
RT: 11.563 min Scan# 1458
Delta R.T. 0.023 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

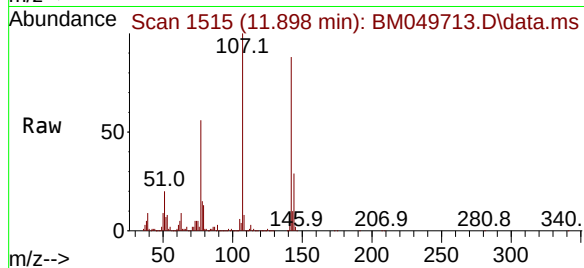
Tgt Ion:113 Resp: 376485
Ion Ratio Lower Upper
113 100
55 159.6 141.8 181.8
56 121.7 98.0 138.0





#36
4-Chloro-3-methylphenol
Concen: 92.879 ng
RT: 11.898 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

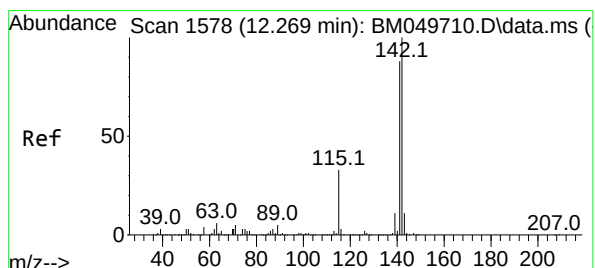
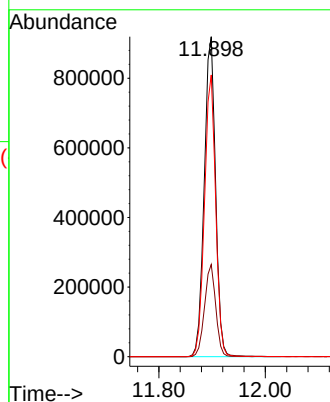
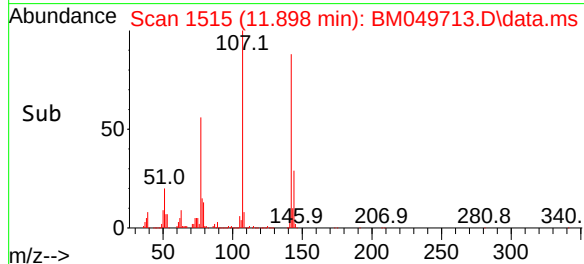
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 1350170
Ion Ratio Lower Upper
107 100
144 28.8 23.0 34.6
142 88.0 69.8 104.8

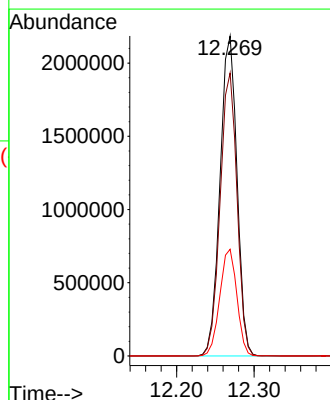
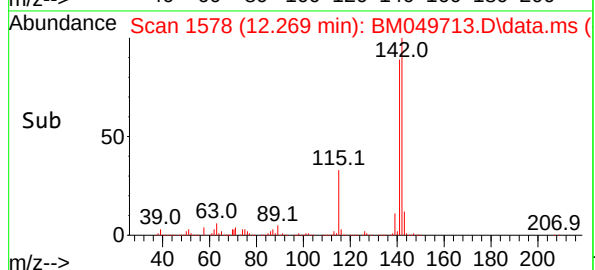
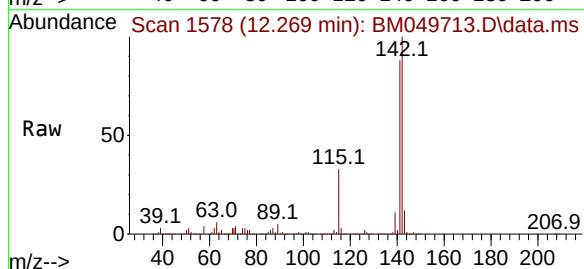
Manual Integrations
APPROVED

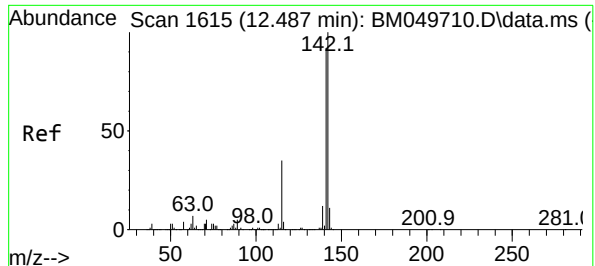
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#37
2-Methylnaphthalene
Concen: 88.386 ng
RT: 12.269 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

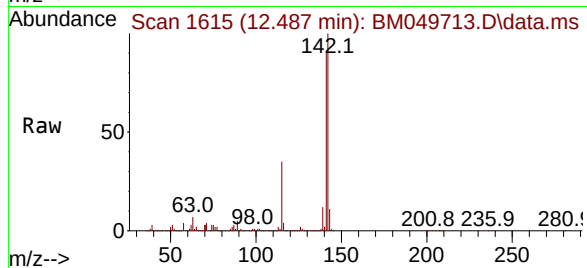
Tgt Ion:142 Resp: 3320321
Ion Ratio Lower Upper
142 100
141 88.5 70.5 105.7
115 33.4 26.5 39.7





#38
1-Methylnaphthalene
Concen: 88.266 ng
RT: 12.487 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

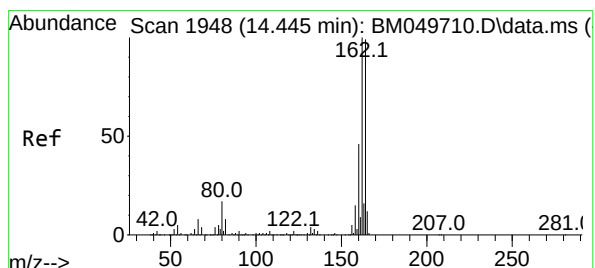
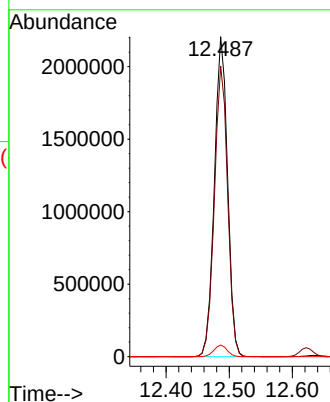
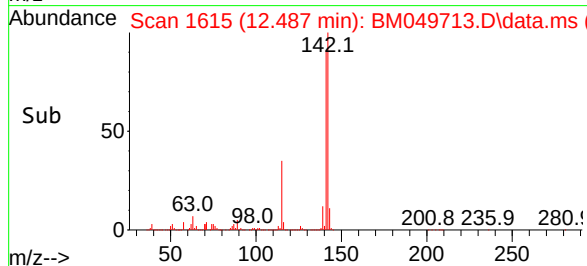
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 3199080
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.2
116 3.7 2.8 4.2

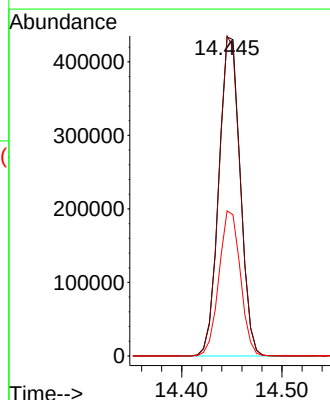
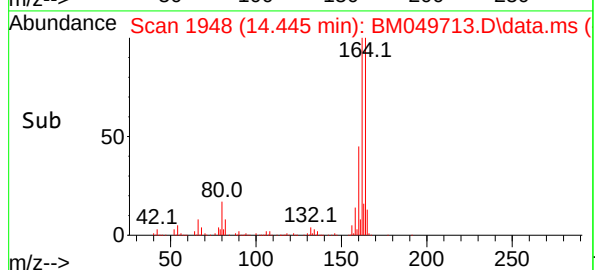
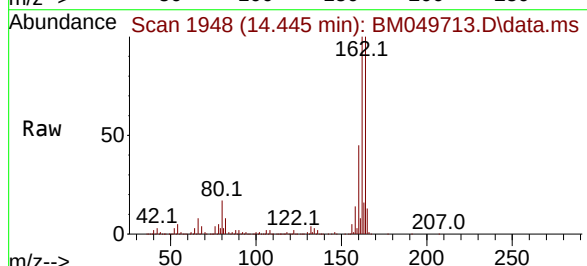
Manual Integrations
APPROVED

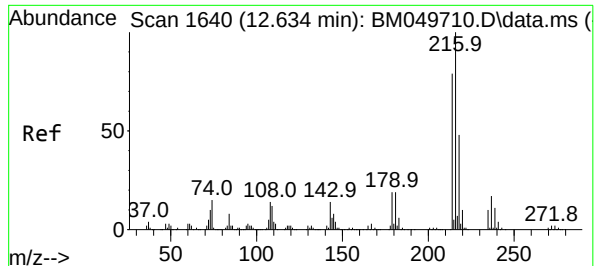
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

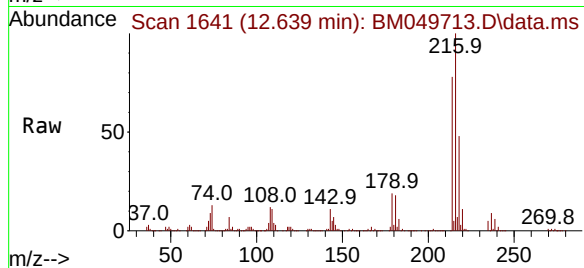
Tgt Ion:164 Resp: 642425
Ion Ratio Lower Upper
164 100
162 100.3 80.5 120.7
160 45.5 36.9 55.3





#40
1,2,4,5-Tetrachlorobenzene
Concen: 90.734 ng
RT: 12.639 min Scan# 1641
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

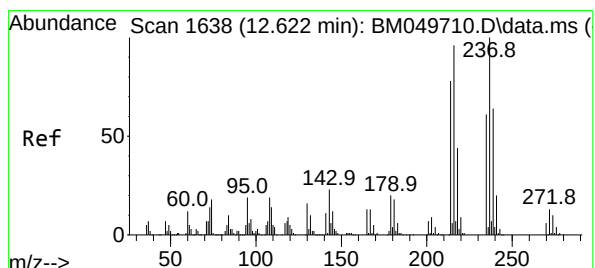
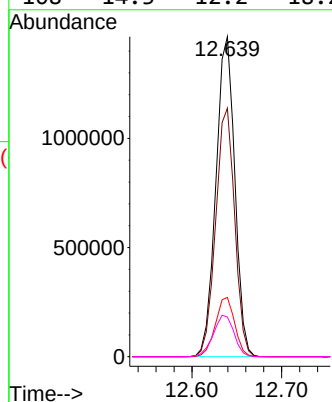
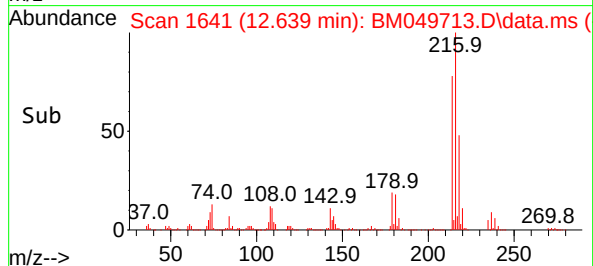
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:216 Resp: 214109
Ion Ratio Lower Upper
216 100
214 78.1 63.5 95.3
179 19.0 15.7 23.5
108 14.3 12.2 18.2

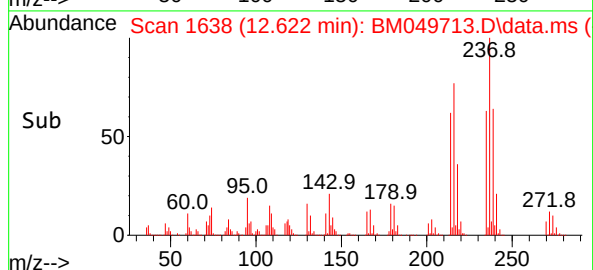
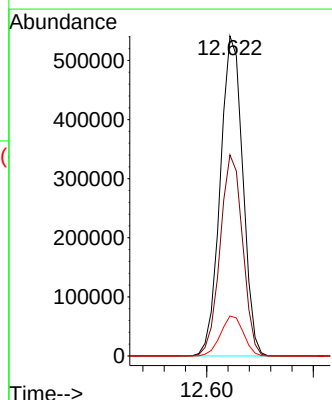
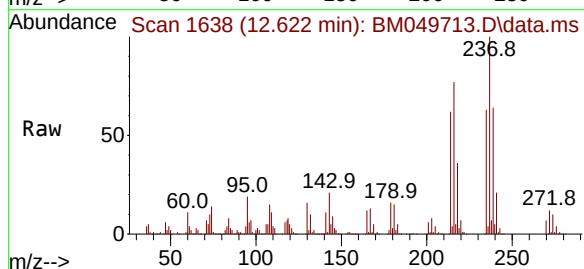
Manual Integrations
APPROVED

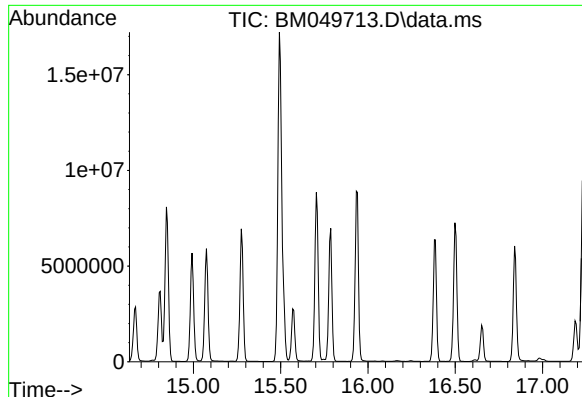
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#41
Hexachlorocyclopentadiene
Concen: 90.835 ng
RT: 12.622 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

Tgt Ion:237 Resp: 794094
Ion Ratio Lower Upper
237 100
235 62.8 41.1 81.1
272 12.5 0.0 32.5





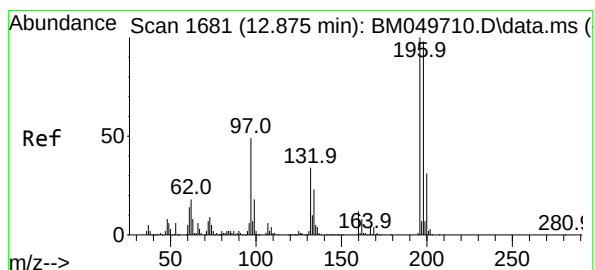
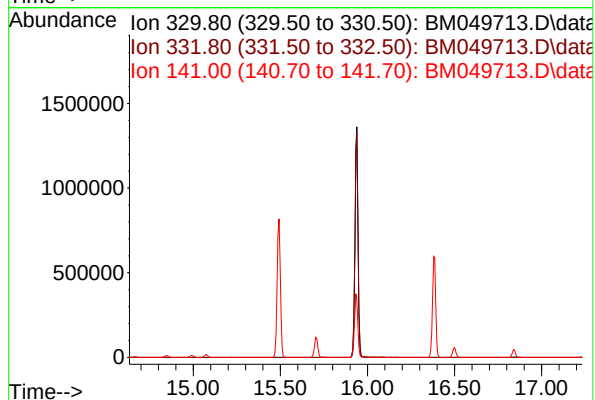
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.93 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.2
141 34.7

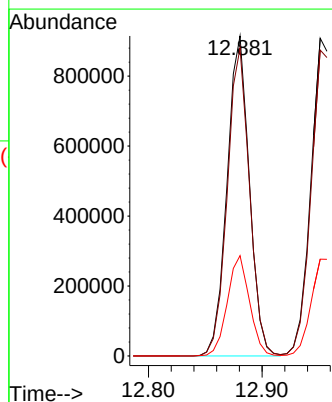
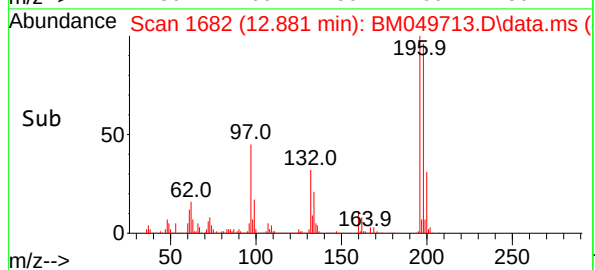
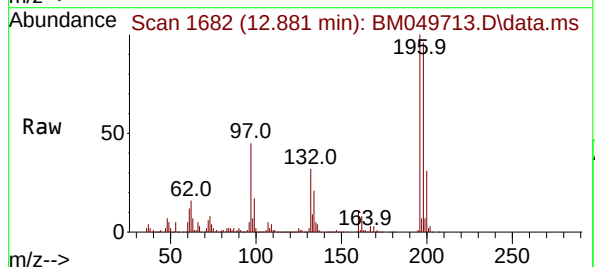
Manual Integrations
APPROVED

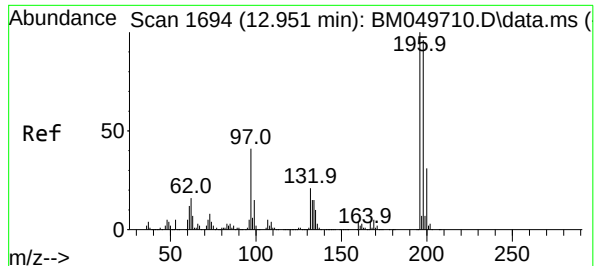
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#43
2,4,6-Trichlorophenol
Concen: 94.277 ng
RT: 12.881 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

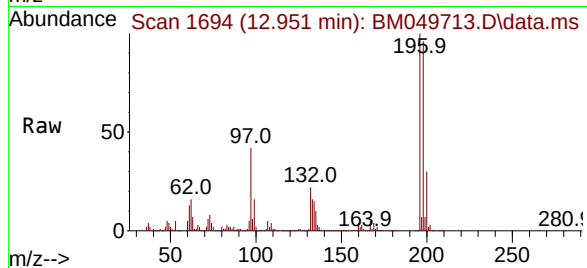
Tgt Ion:196 Resp: 1245983
Ion Ratio Lower Upper
196 100
198 96.3 78.3 117.5
200 31.4 25.1 37.7





#44
2,4,5-Trichlorophenol
Concen: 92.060 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

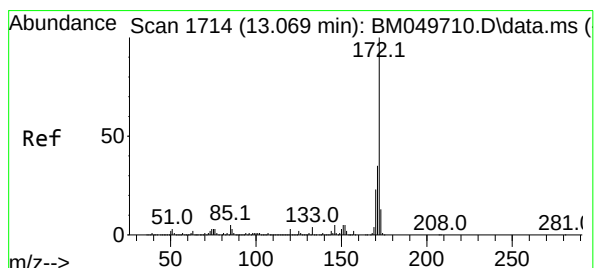
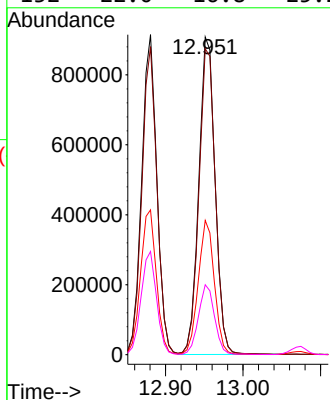
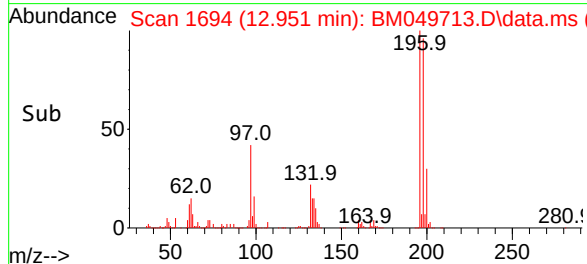
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



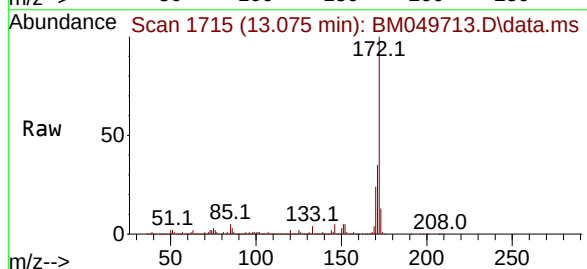
Tgt Ion:196 Resp: 1327700
Ion Ratio Lower Upper
196 100
198 96.3 76.7 115.1
97 42.2 32.9 49.3
132 22.0 16.8 25.2

Manual Integrations
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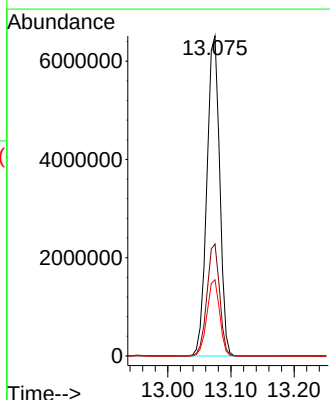
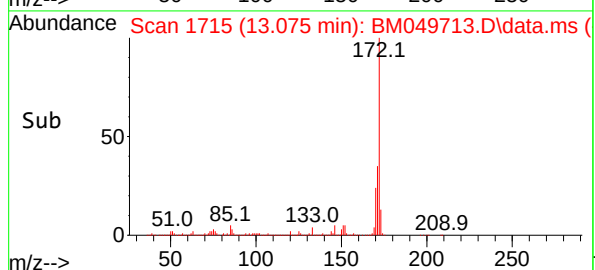
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

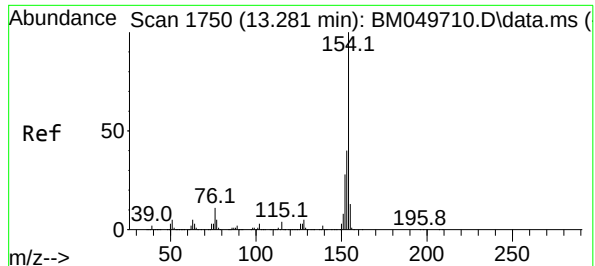


#45
2-Fluorobiphenyl
Concen: 178.410 ng
RT: 13.075 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37



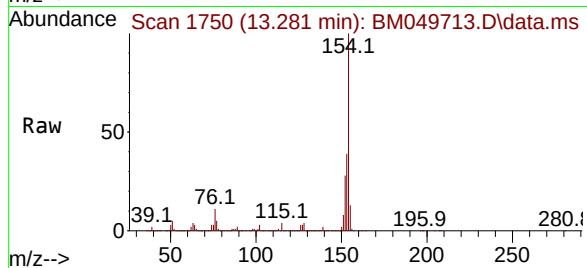
Tgt Ion:172 Resp: 9151795
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.8 18.6 28.0





#46
1,1'-Biphenyl
Concen: 87.343 ng
RT: 13.281 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

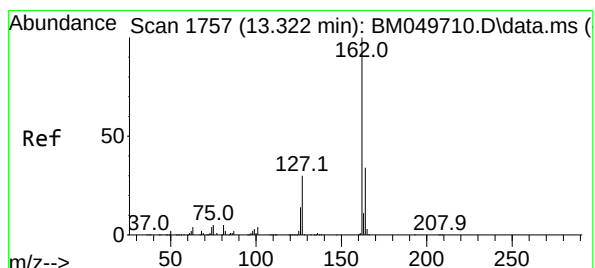
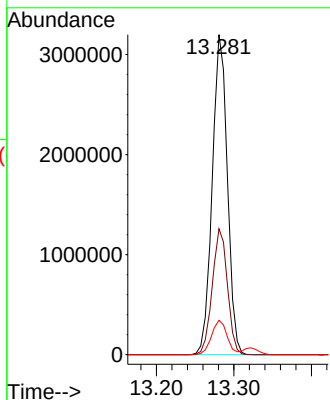
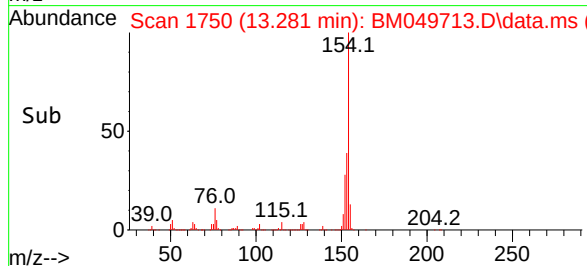
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 4324552
Ion Ratio Lower Upper
154 100
153 39.4 19.7 59.7
76 10.8 0.0 31.2

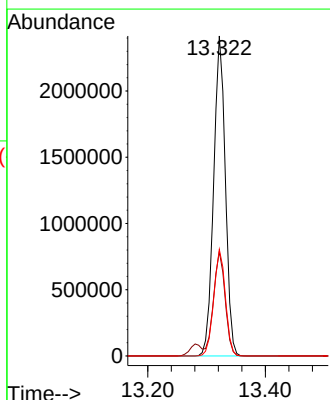
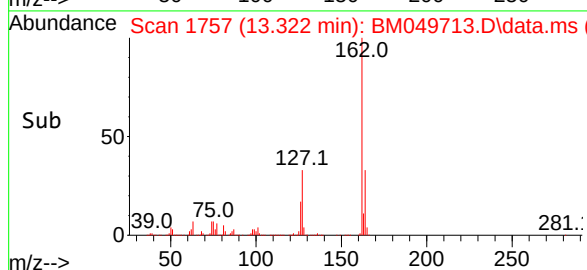
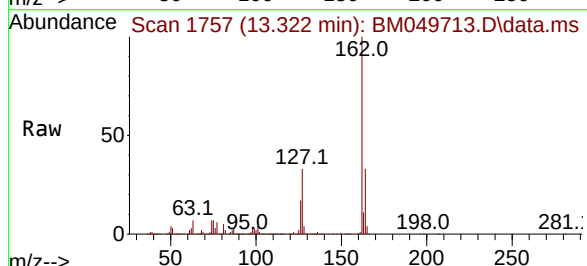
Manual Integrations
APPROVED

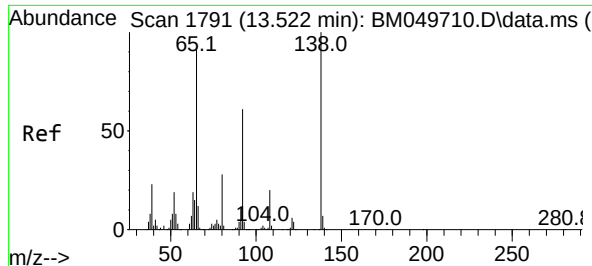
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#47
2-Chloronaphthalene
Concen: 86.734 ng
RT: 13.322 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

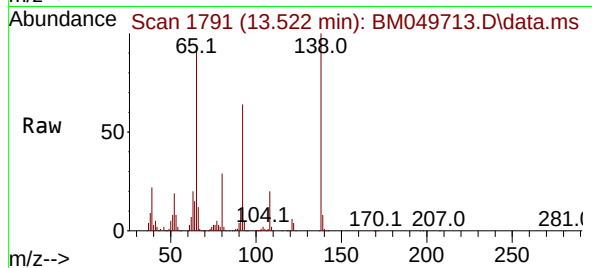
Tgt Ion:162 Resp: 3342606
Ion Ratio Lower Upper
162 100
127 32.6 25.8 38.6
164 33.3 27.1 40.7





#48
2-Nitroaniline
Concen: 95.132 ng
RT: 13.522 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

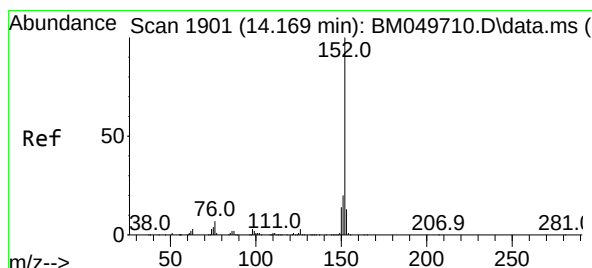
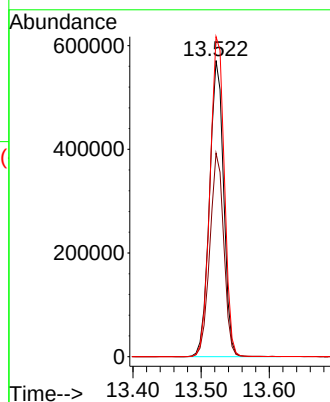
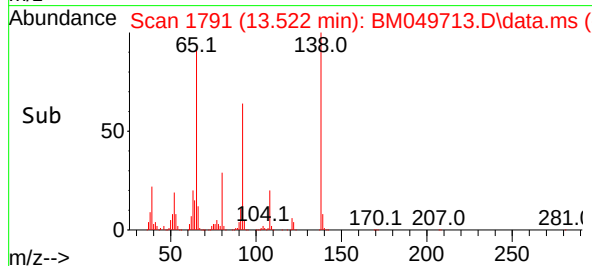
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion: 65 Resp: 823020
Ion Ratio Lower Upper
65 100
92 68.7 53.4 80.2
138 108.0 87.6 131.4

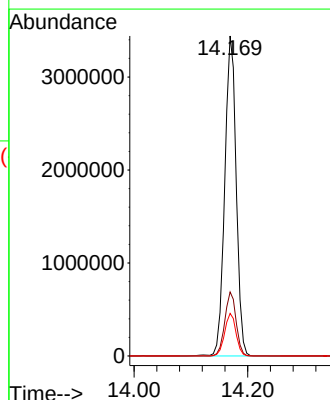
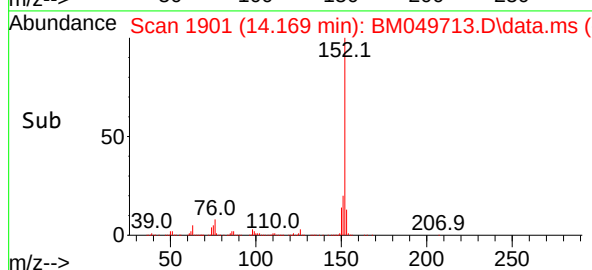
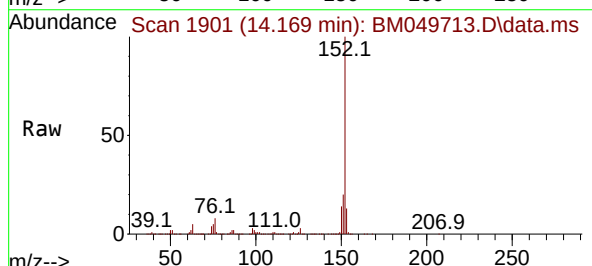
Manual Integrations
APPROVED

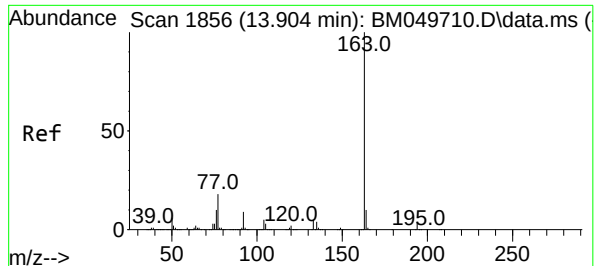
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#49
Acenaphthylene
Concen: 89.516 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

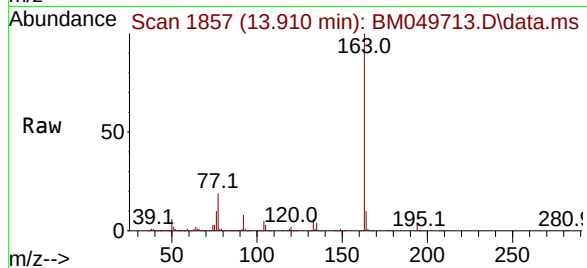
Tgt Ion:152 Resp: 4822145
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.3 10.2 15.4





#50
Dimethylphthalate
Concen: 87.869 ng
RT: 13.910 min Scan# 1857
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

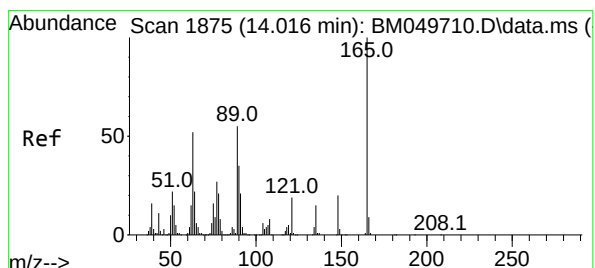
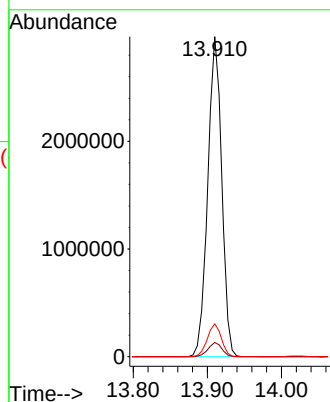
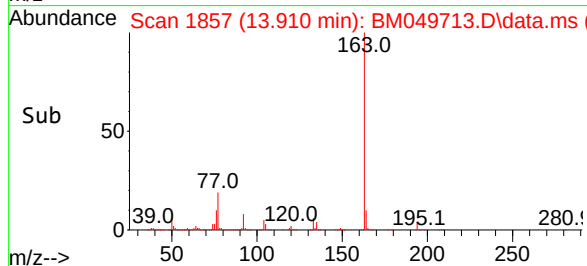
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:163 Resp: 3886504
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 10.3 8.2 12.2

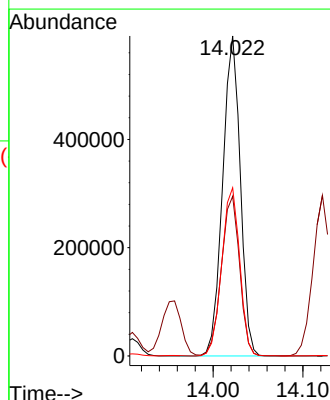
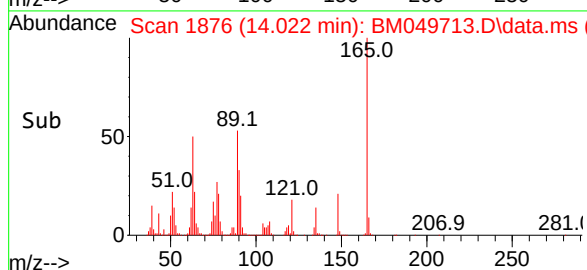
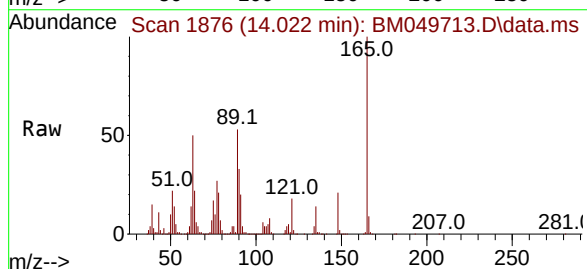
Manual Integrations
APPROVED

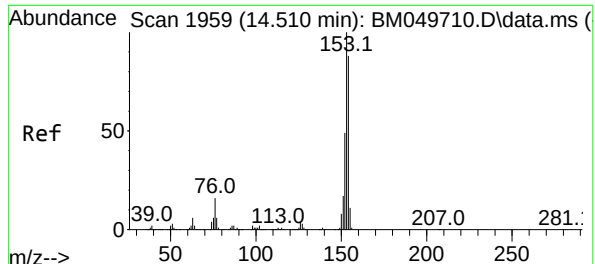
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#51
2,6-Dinitrotoluene
Concen: 90.994 ng
RT: 14.022 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

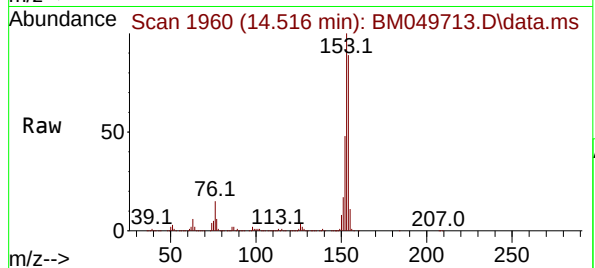
Tgt Ion:165 Resp: 806435
Ion Ratio Lower Upper
165 100
63 49.9 42.3 63.5
89 52.6 43.9 65.9





#52
Acenaphthene
Concen: 89.077 ng
RT: 14.516 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

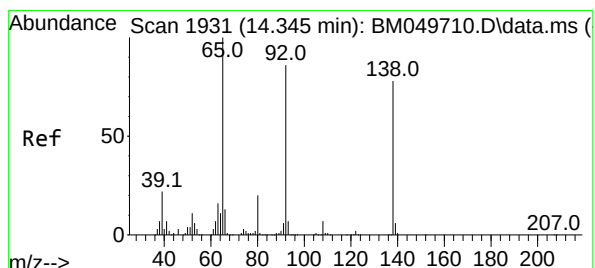
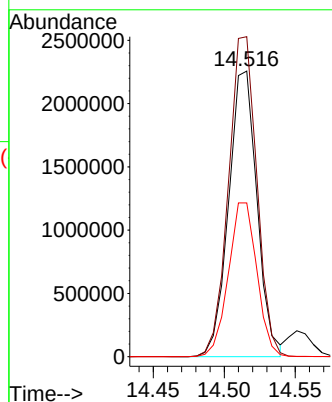
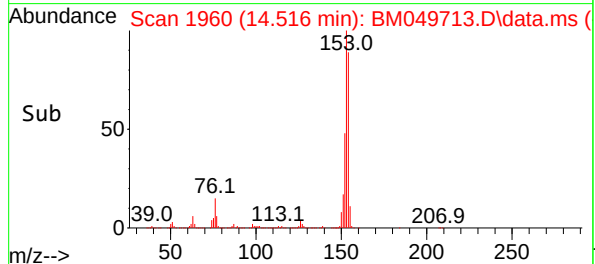
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 3143600
Ion Ratio Lower Upper
154 100
153 112.1 90.4 135.6
152 53.8 44.2 66.2

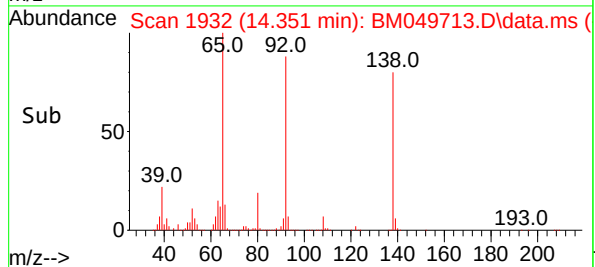
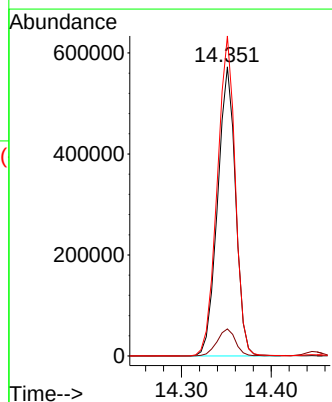
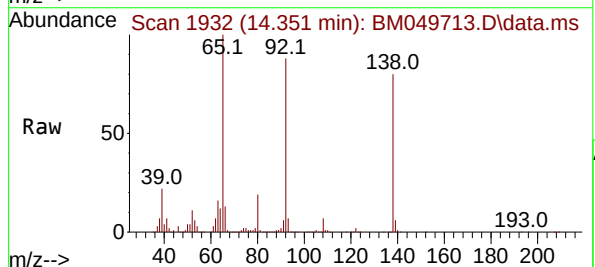
Manual Integrations
APPROVED

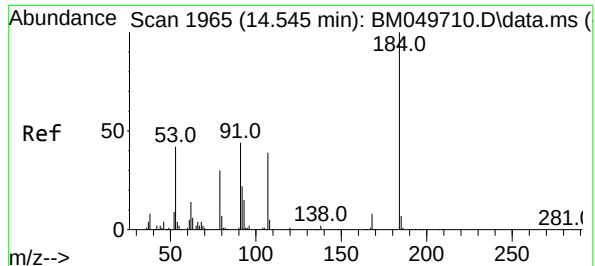
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#53
3-Nitroaniline
Concen: 94.437 ng
RT: 14.351 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

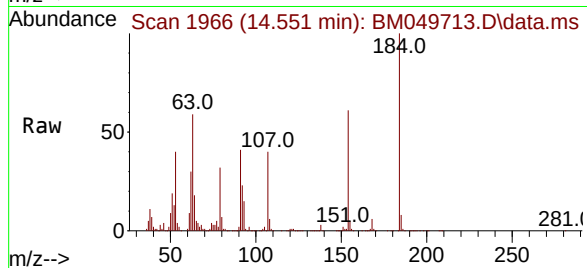
Tgt Ion:138 Resp: 796441
Ion Ratio Lower Upper
138 100
108 9.4 7.5 11.3
92 110.7 88.0 132.0





#54
2,4-Dinitrophenol
Concen: 79.774 ng
RT: 14.551 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

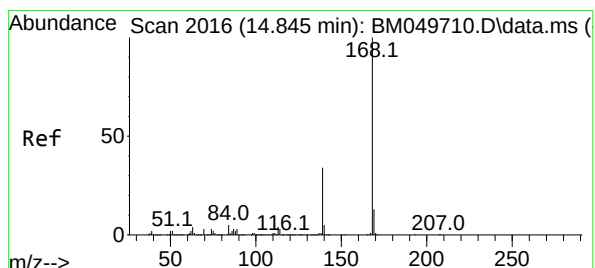
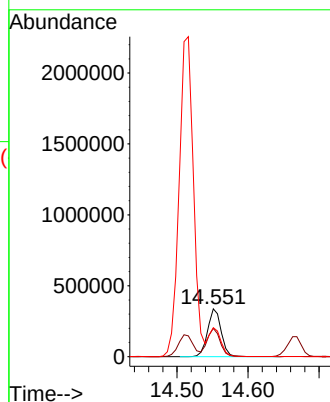
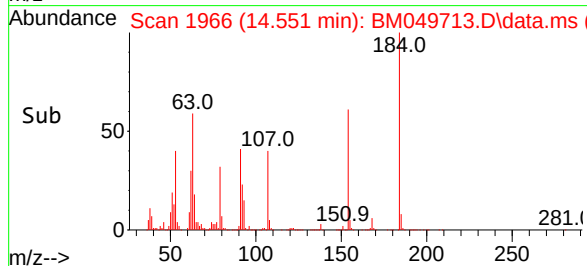
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 44812
Ion Ratio Lower Upper
184 100
63 59.1 47.2 70.8
154 60.6 49.9 74.9

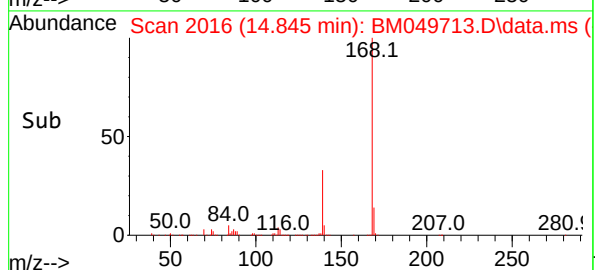
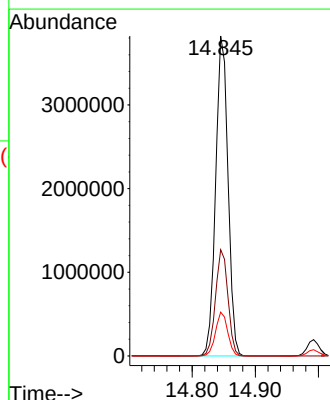
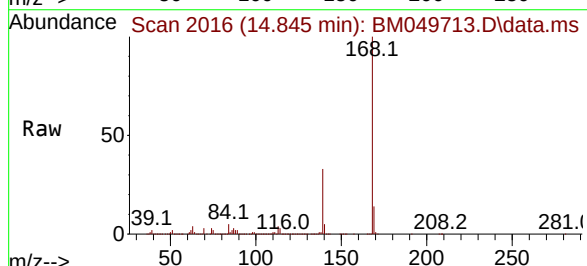
Manual Integrations
APPROVED

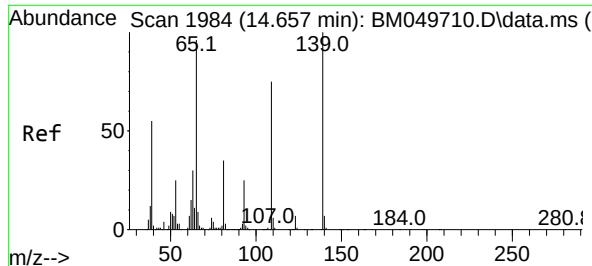
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#55
Dibenzofuran
Concen: 88.075 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

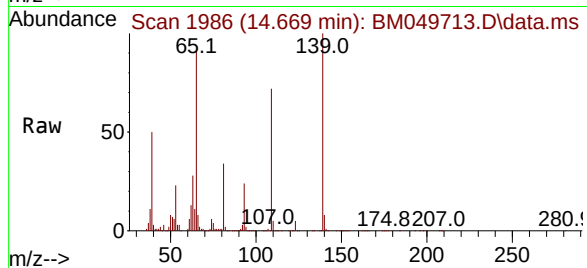
Tgt Ion:168 Resp: 5185747
Ion Ratio Lower Upper
168 100
139 33.2 27.4 41.0
169 13.7 10.7 16.1





#56
4-Nitrophenol
Concen: 93.537 ng
RT: 14.669 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

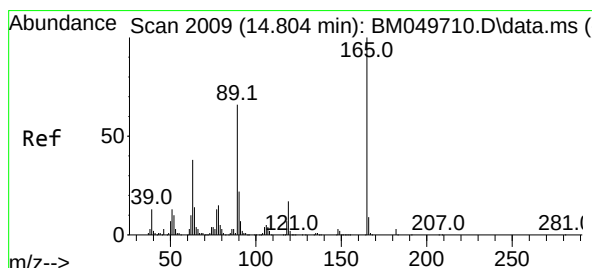
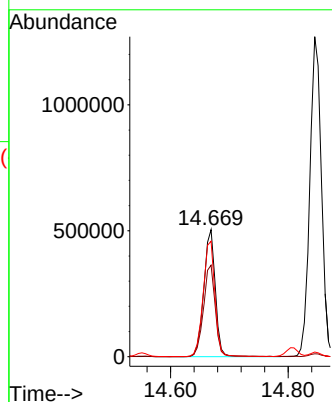
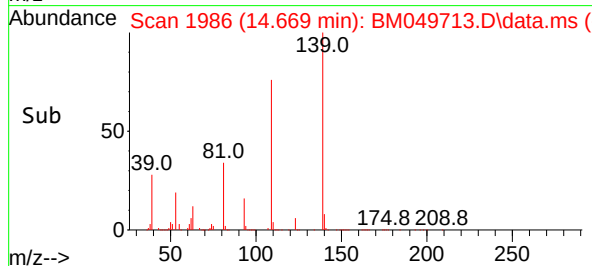
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



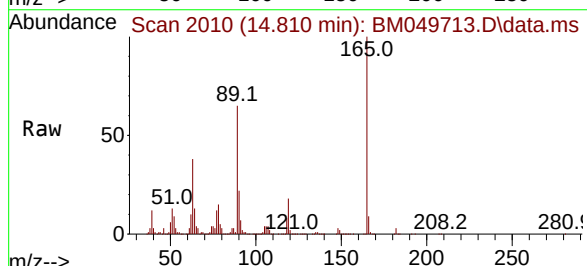
Tgt Ion:139 Resp: 68666
Ion Ratio Lower Upper
139 100
109 72.1 54.7 94.7
65 90.9 76.2 116.2

Manual Integrations
APPROVED

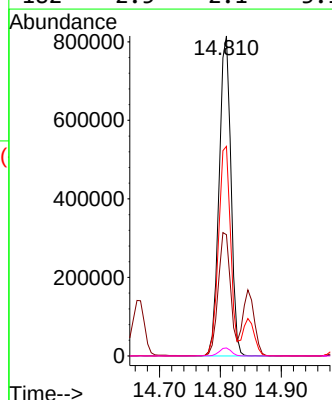
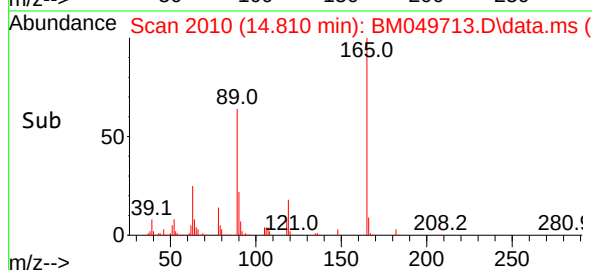
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

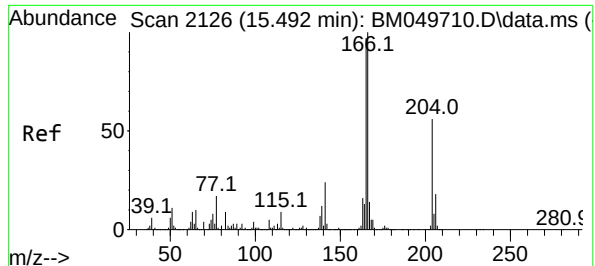


#57
2,4-Dinitrotoluene
Concen: 95.850 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37



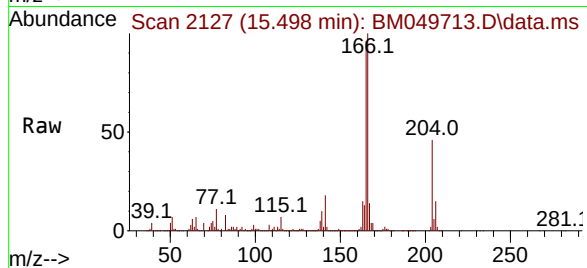
Tgt Ion:165 Resp: 1093074
Ion Ratio Lower Upper
165 100
63 37.9 30.8 46.2
89 65.5 53.1 79.7
182 2.5 2.1 3.1





#58
Fluorene
Concen: 92.838 ng
RT: 15.498 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

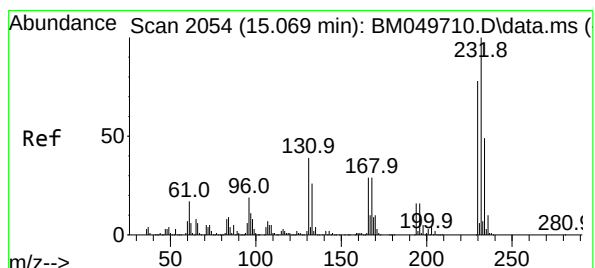
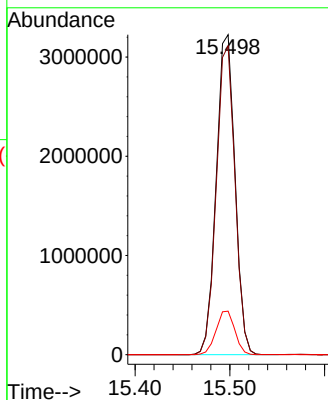
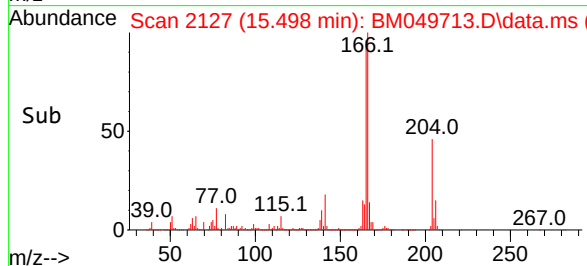
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



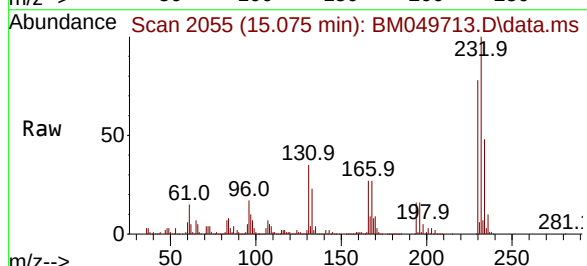
Tgt Ion:166 Resp: 4450434
Ion Ratio Lower Upper
166 100
165 96.4 77.5 116.3
167 13.6 10.9 16.3

Manual Integrations
APPROVED

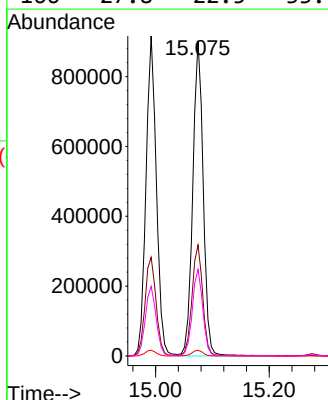
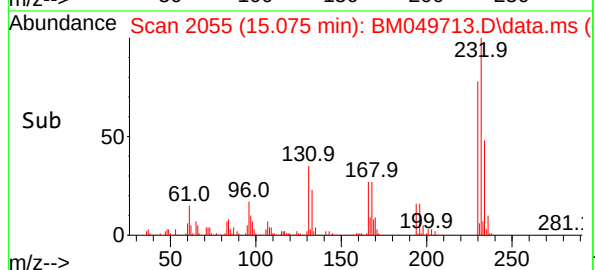
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

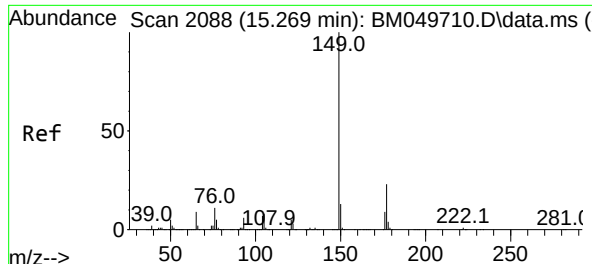


#59
2,3,4,6-Tetrachlorophenol
Concen: 95.892 ng
RT: 15.075 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37



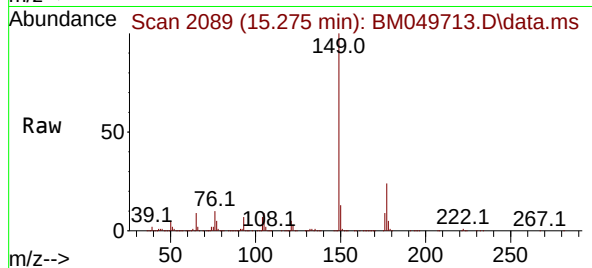
Tgt Ion:232 Resp: 1157649
Ion Ratio Lower Upper
232 100
131 35.9 30.0 45.0
130 1.9 1.6 2.4
166 27.8 22.5 33.7





#60
Diethylphthalate
Concen: 90.238 ng
RT: 15.275 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

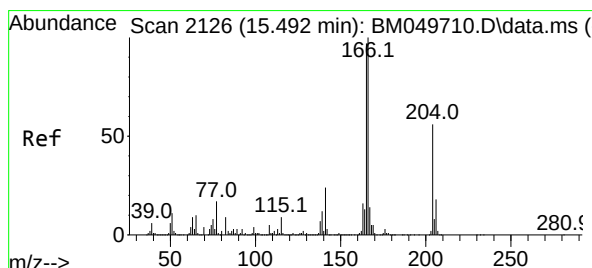
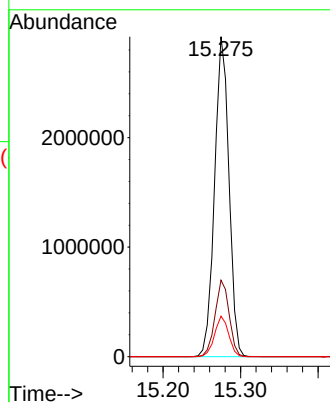
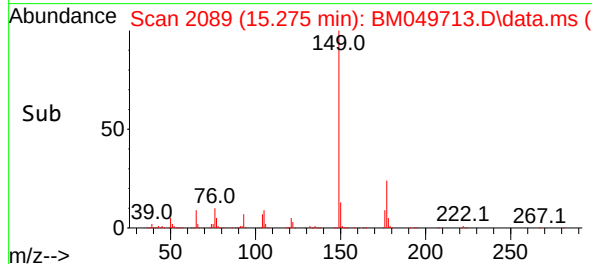
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 375909
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.2
150 12.7 10.0 15.0

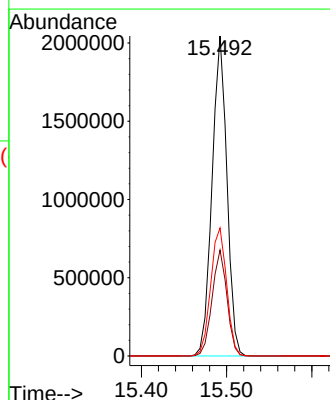
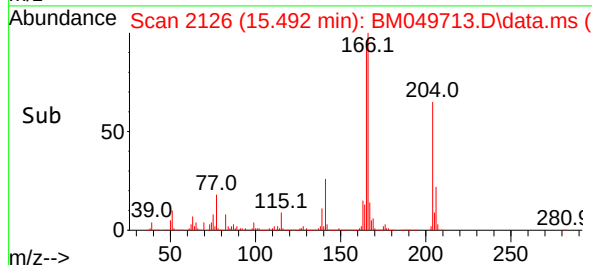
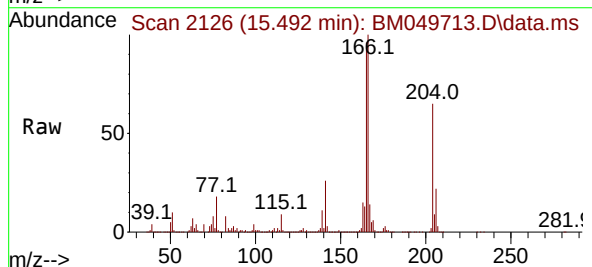
Manual Integrations
APPROVED

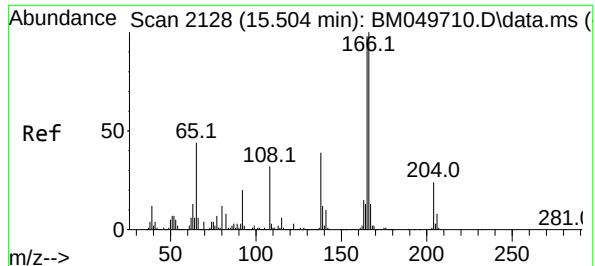
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#61
4-Chlorophenyl-phenylether
Concen: 94.541 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

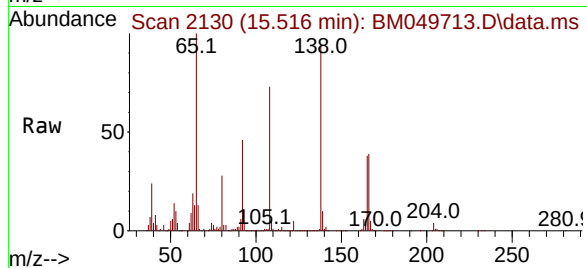
Tgt Ion:204 Resp: 2474798
Ion Ratio Lower Upper
204 100
206 33.1 25.2 37.8
141 40.0 34.5 51.7





#62
4-Nitroaniline
Concen: 81.361 ng
RT: 15.516 min Scan# 2128
Delta R.T. 0.012 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

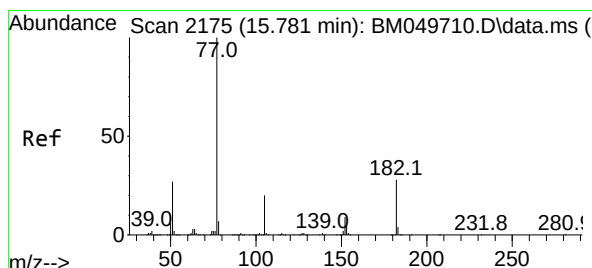
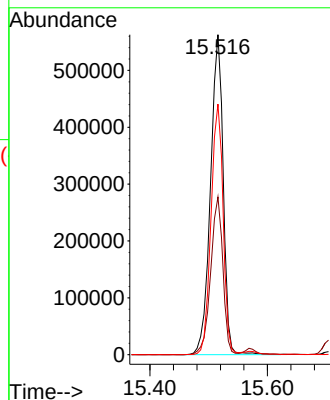
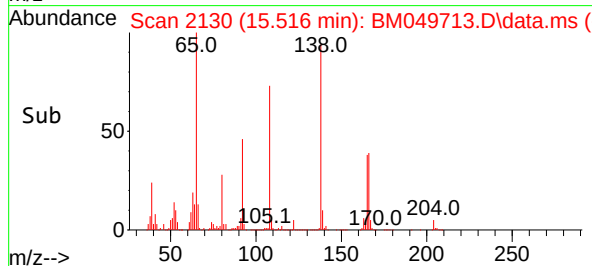
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 844824
Ion Ratio Lower Upper
138 100
92 49.3 29.8 69.8
108 78.3 61.3 101.3

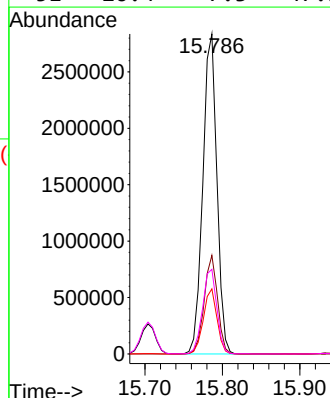
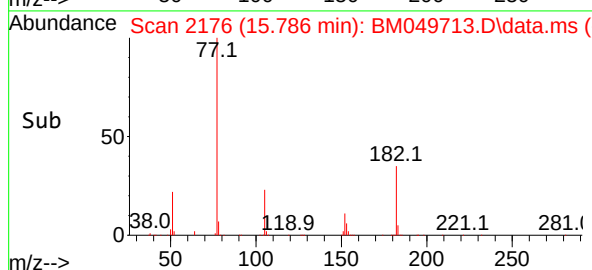
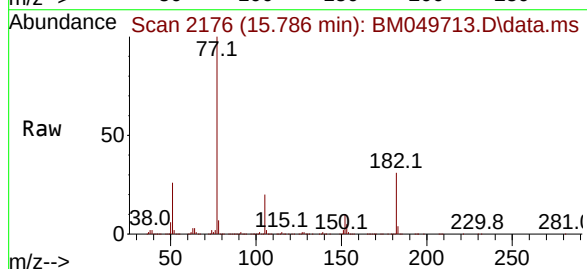
Manual Integrations
APPROVED

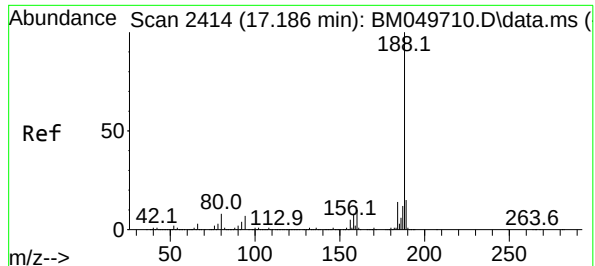
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#63
Azobenzene
Concen: 89.793 ng
RT: 15.786 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

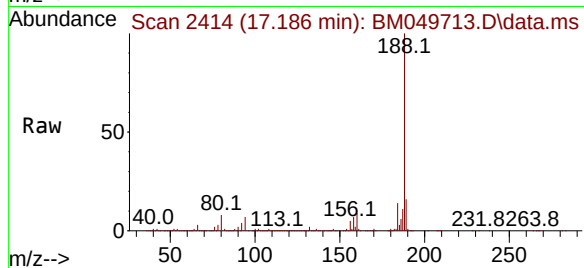
Tgt Ion: 77 Resp: 3572876
Ion Ratio Lower Upper
77 100
182 30.8 8.0 48.0
105 20.4 0.0 40.0
51 26.4 7.3 47.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

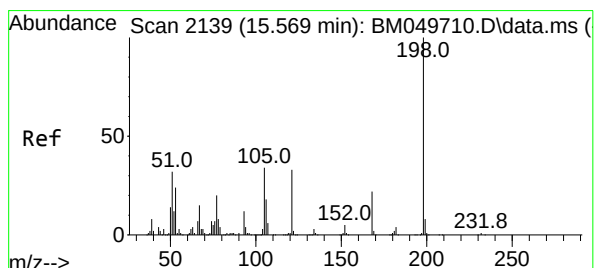
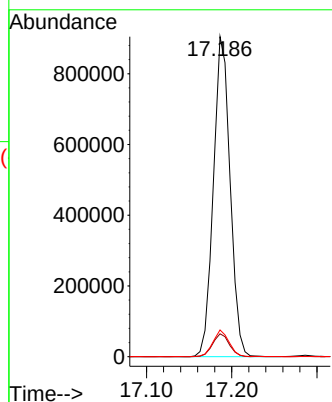
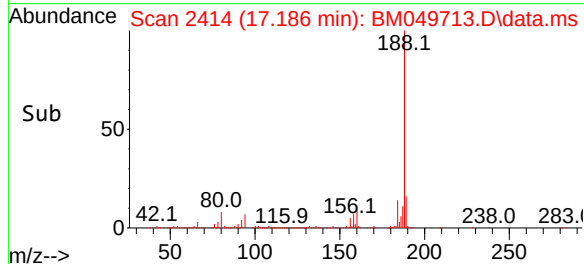
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:188 Resp: 123248
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 8.4 6.3 9.5

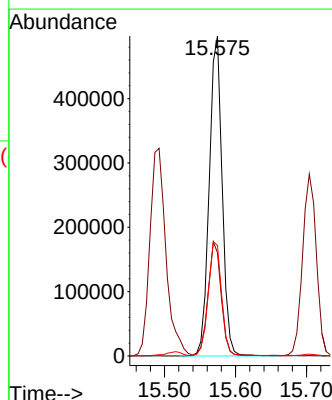
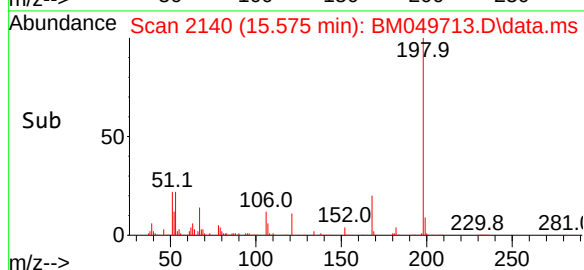
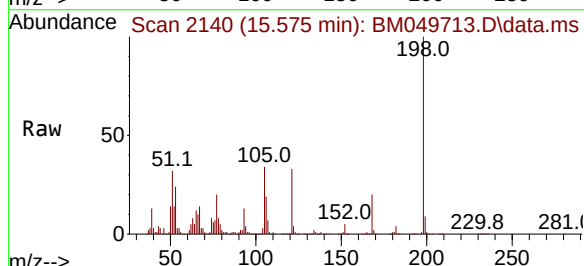
Manual Integrations
APPROVED

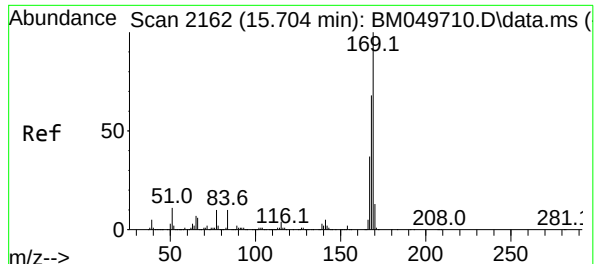
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#65
4,6-Dinitro-2-methylphenol
Concen: 79.696 ng
RT: 15.575 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

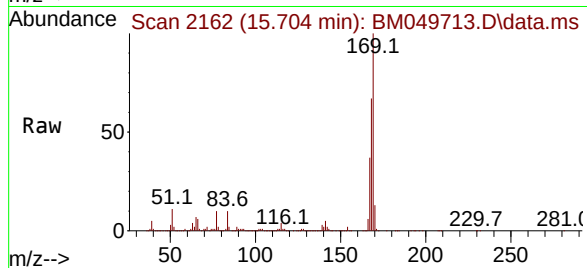
Tgt Ion:198 Resp: 629745
Ion Ratio Lower Upper
198 100
51 32.2 13.8 53.8
105 34.5 14.0 54.0





#66
n-Nitrosodiphenylamine
Concen: 89.598 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

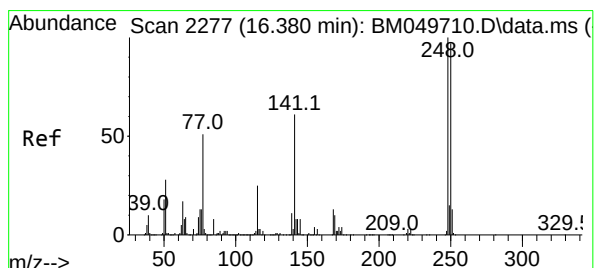
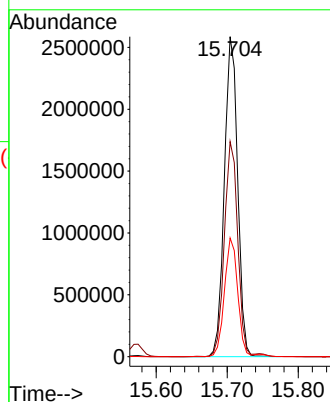
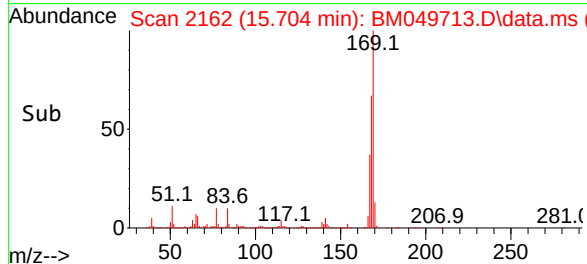
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



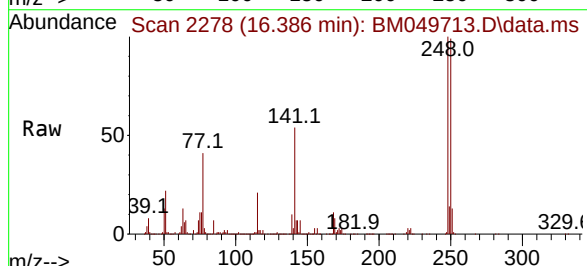
Tgt Ion:169 Resp: 334574
Ion Ratio Lower Upper
169 100
168 67.2 54.8 82.2
167 37.1 29.9 44.9

Manual Integrations
APPROVED

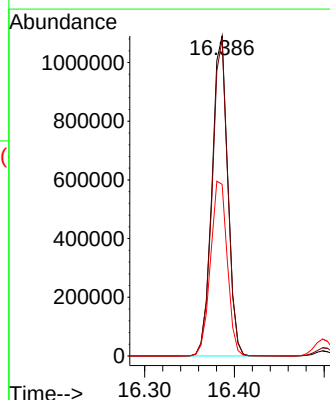
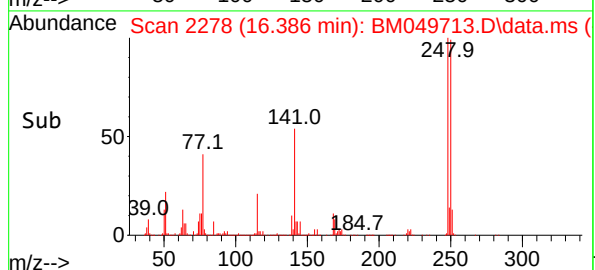
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

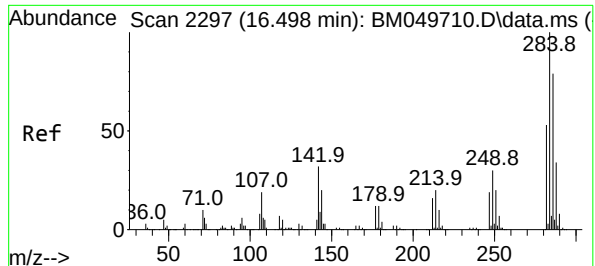


#67
4-Bromophenyl-phenylether
Concen: 93.560 ng
RT: 16.386 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37



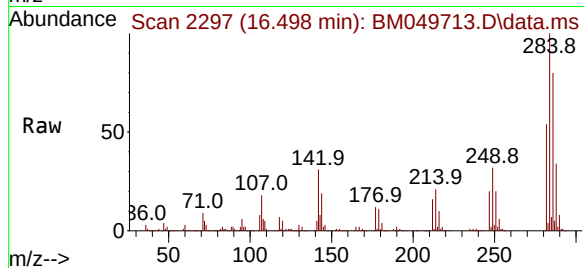
Tgt Ion:248 Resp: 1331345
Ion Ratio Lower Upper
248 100
250 99.0 77.9 116.9
141 53.7 48.6 73.0





#68
Hexachlorobenzene
Concen: 91.538 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

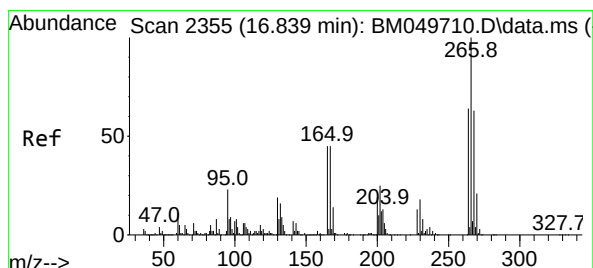
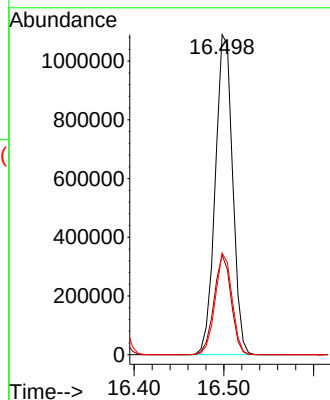
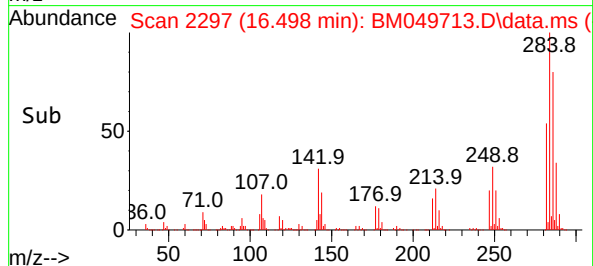
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:284 Resp: 146477
Ion Ratio Lower Upper
284 100
142 31.2 25.5 38.3
249 31.7 24.2 36.2

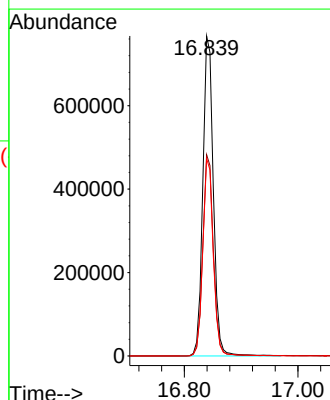
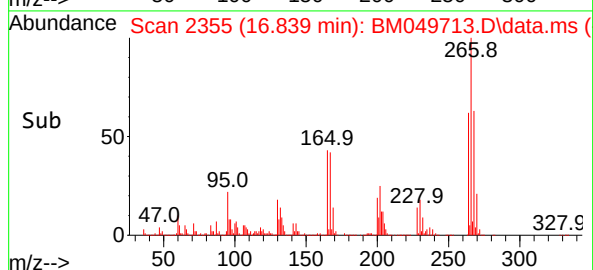
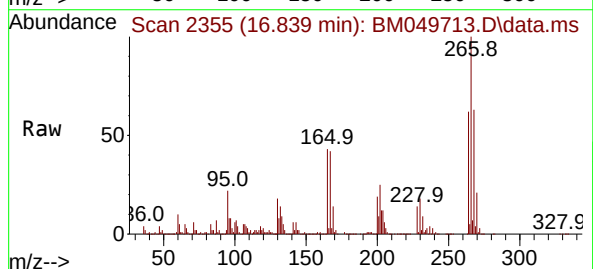
Manual Integrations
APPROVED

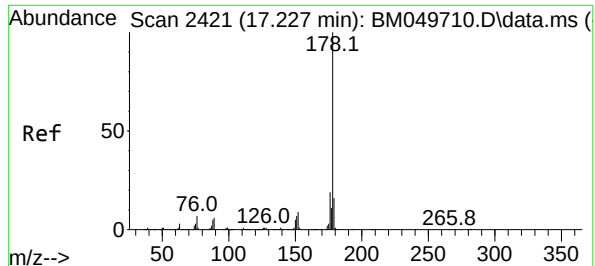
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#70
Pentachlorophenol
Concen: 98.033 ng
RT: 16.839 min Scan# 2355
Delta R.T. 0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

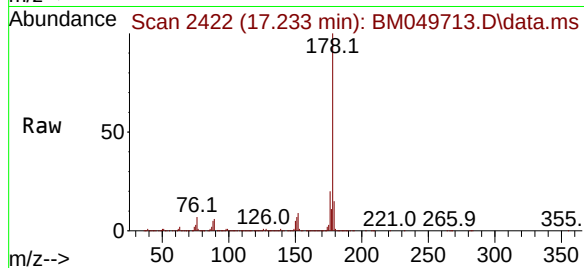
Tgt Ion:266 Resp: 985815
Ion Ratio Lower Upper
266 100
268 62.9 50.2 75.2
264 61.7 51.3 76.9





#71
Phenanthrene
Concen: 90.245 ng
RT: 17.233 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

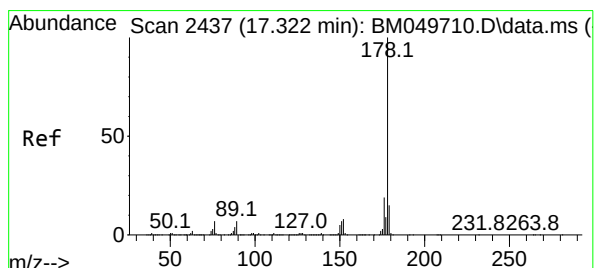
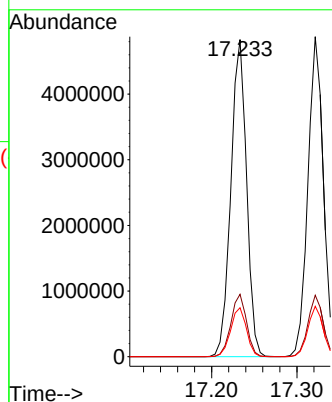
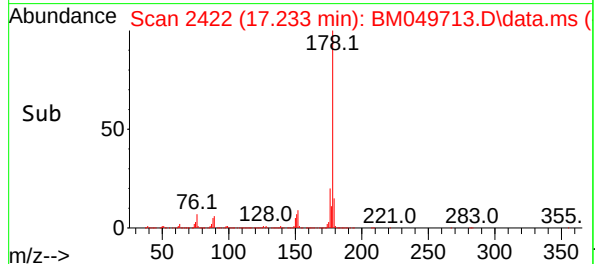
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 617607
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.5 12.5 18.7

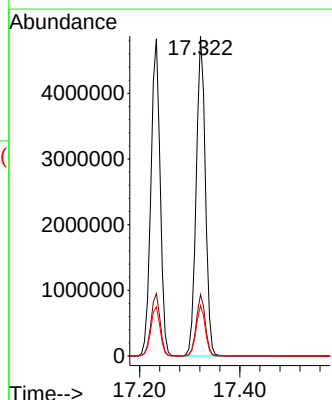
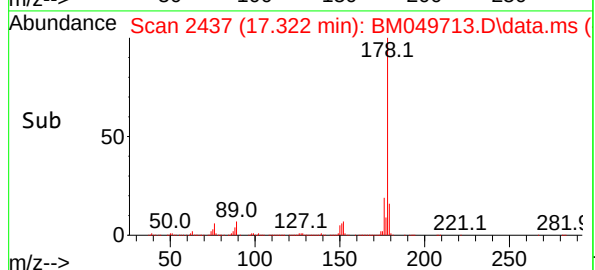
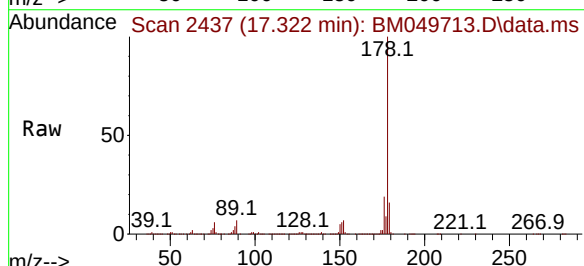
Manual Integrations
APPROVED

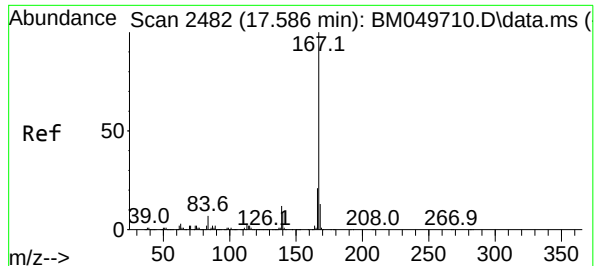
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#72
Anthracene
Concen: 92.677 ng
RT: 17.322 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

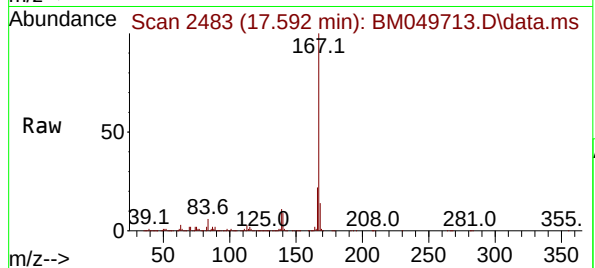
Tgt Ion:178 Resp: 6142455
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.7 12.4 18.6





#73
Carbazole
Concen: 92.681 ng
RT: 17.592 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

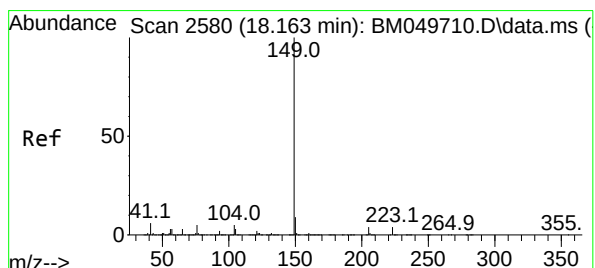
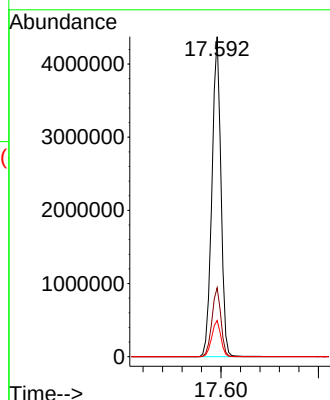
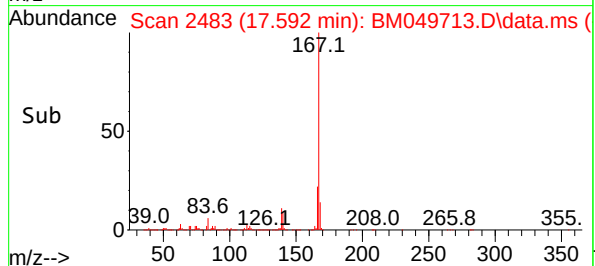
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 5563088
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 11.3 9.4 14.2

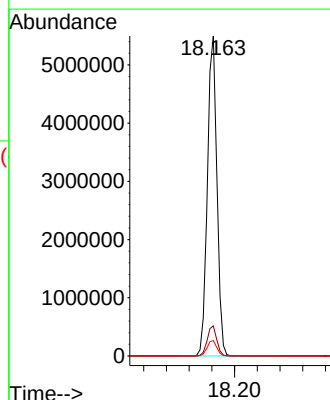
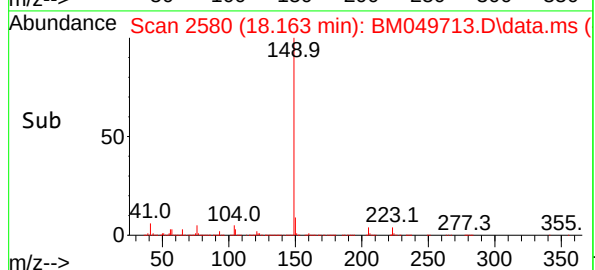
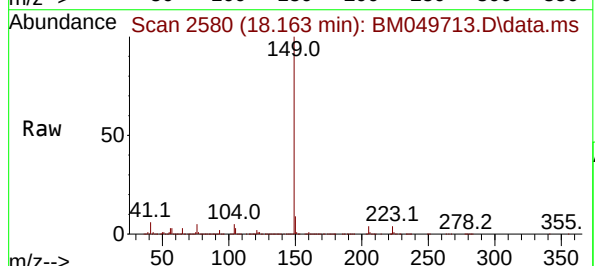
Manual Integrations
APPROVED

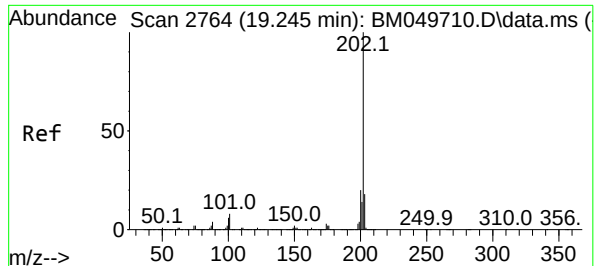
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#74
Di-n-butylphthalate
Concen: 96.623 ng
RT: 18.163 min Scan# 2580
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

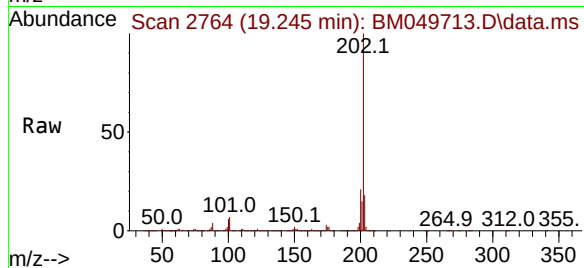
Tgt Ion:149 Resp: 6356664
Ion Ratio Lower Upper
149 100
150 9.4 7.2 10.8
104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 98.788 ng
RT: 19.245 min Scan# 2764
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

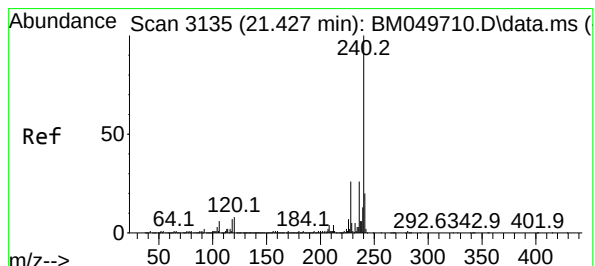
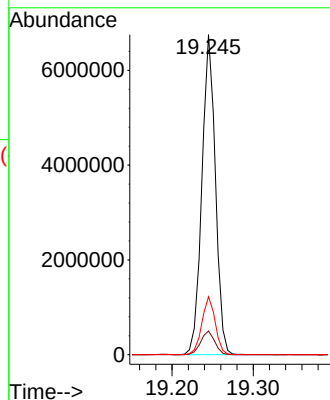
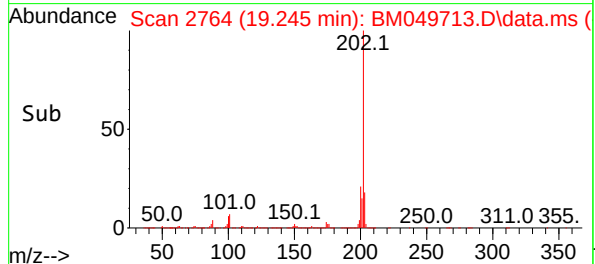
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 7783589
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.8
203 18.1 0.0 37.6

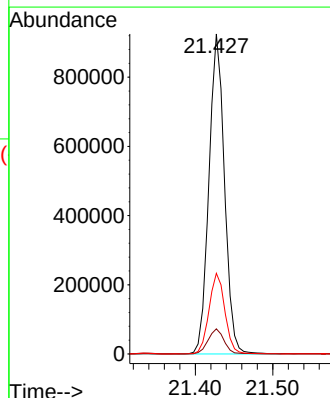
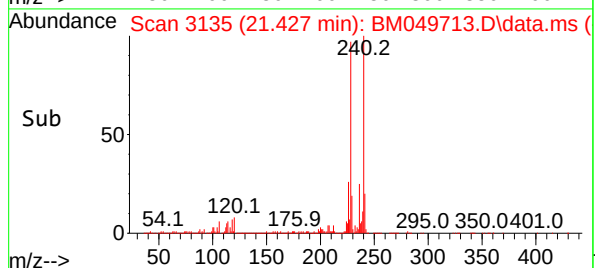
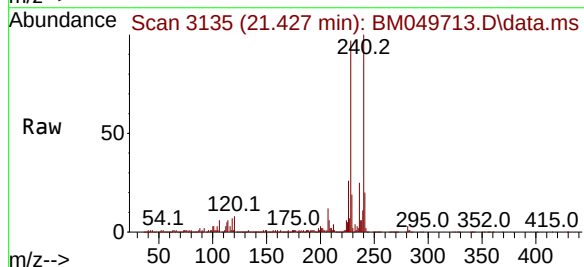
Manual Integrations
APPROVED

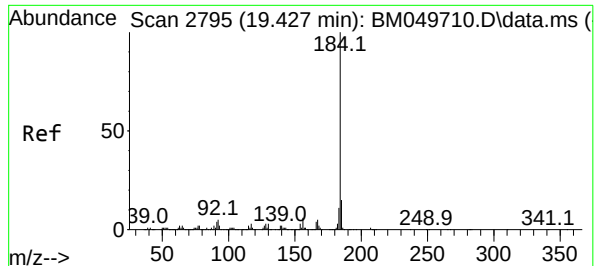
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

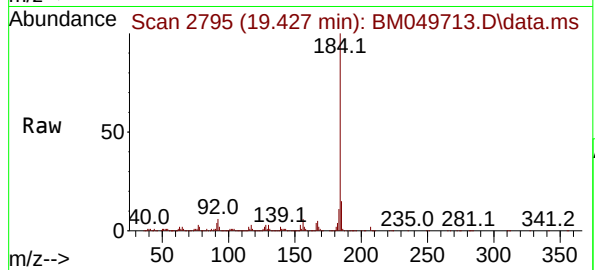
Tgt Ion:240 Resp: 1288590
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 25.2 20.7 31.1





#77
Benzidine
Concen: 88.806 ng
RT: 19.427 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

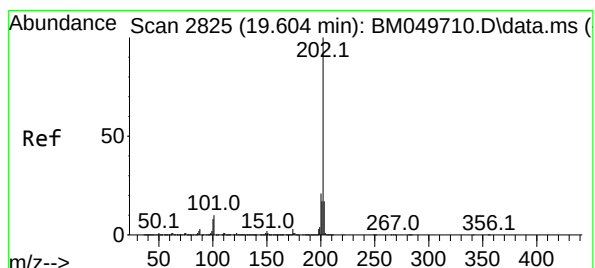
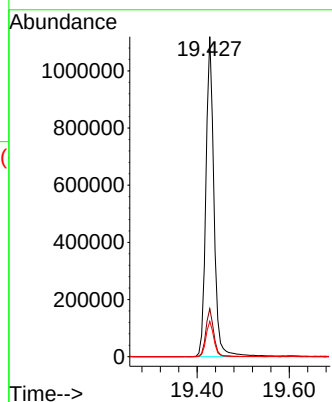
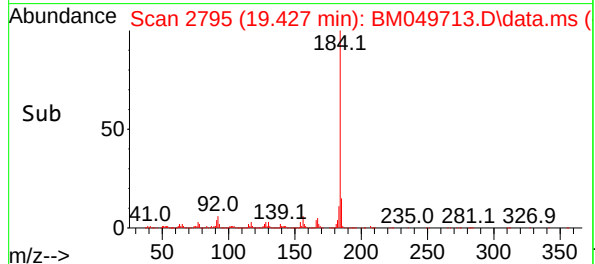
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 137482
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 11.1 8.8 13.2

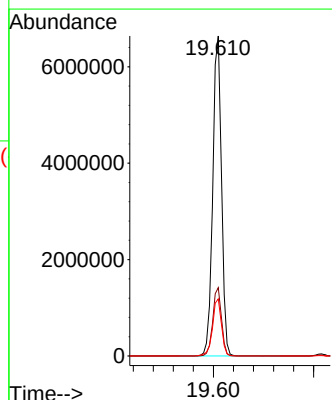
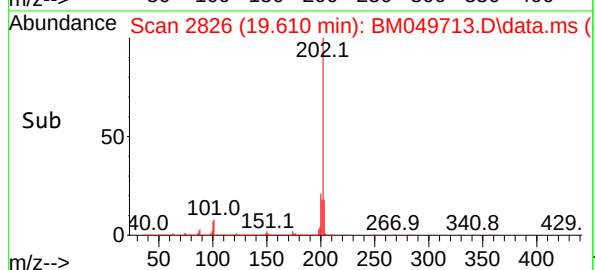
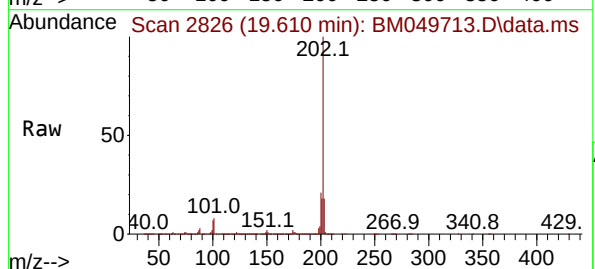
Manual Integrations
APPROVED

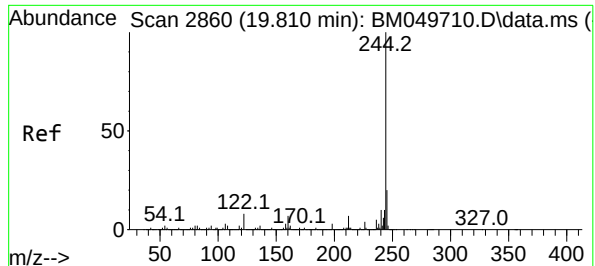
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#78
Pyrene
Concen: 89.407 ng
RT: 19.610 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

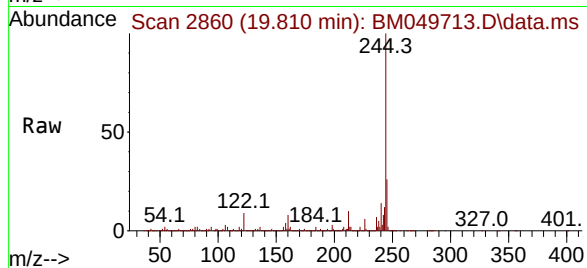
Tgt Ion:202 Resp: 8049120
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.9 14.0 21.0





#79
Terphenyl-d14
Concen: 157.797 ng
RT: 19.810 min Scan# 2860
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

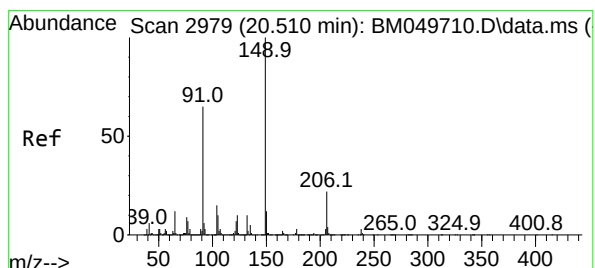
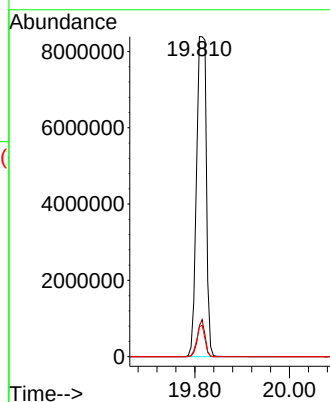
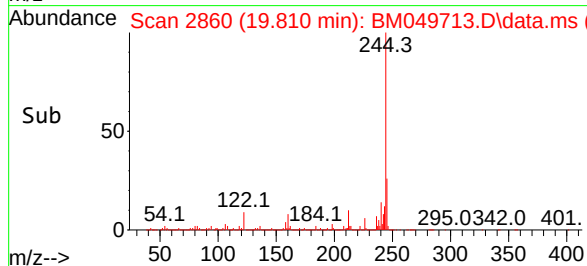
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



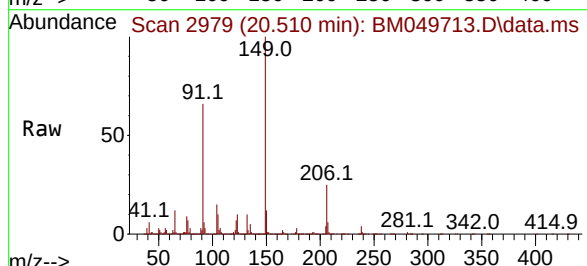
Tgt Ion:244 Resp:1206656
Ion Ratio Lower Upper
244 100
212 9.7 5.8 8.6
122 9.4 6.0 9.0

Manual Integrations
APPROVED

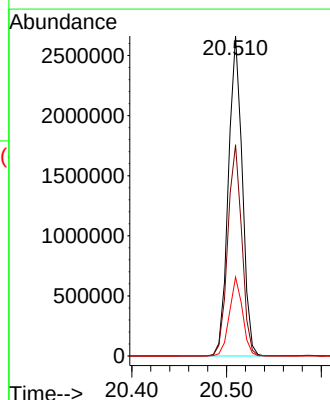
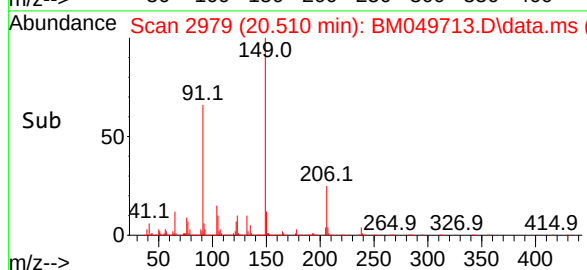
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

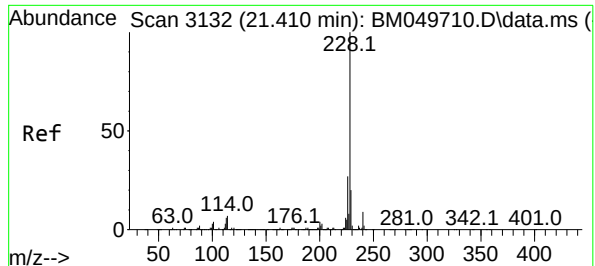


#80
Butylbenzylphthalate
Concen: 97.212 ng
RT: 20.510 min Scan# 2979
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37



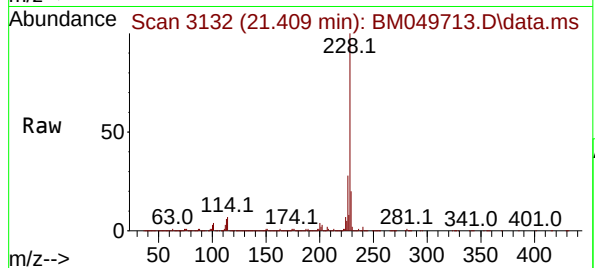
Tgt Ion:149 Resp: 2716011
Ion Ratio Lower Upper
149 100
91 66.0 52.2 78.4
206 24.6 17.6 26.4





#81
Benzo(a)anthracene
Concen: 90.698 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

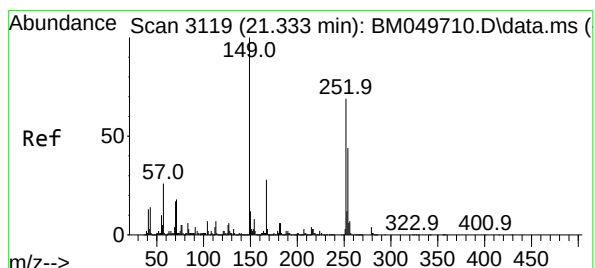
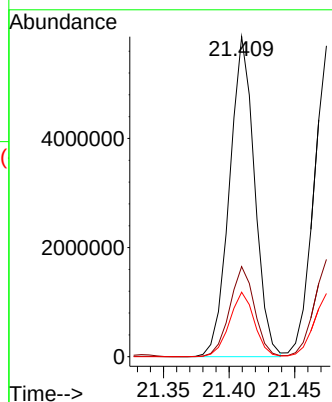
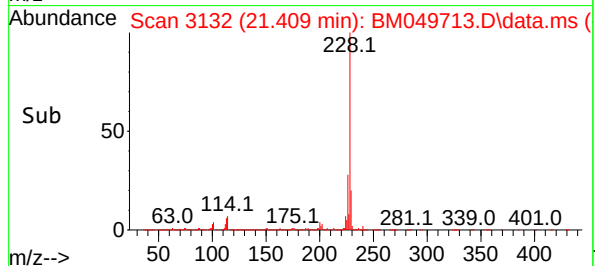
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 7806292
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 20.2 15.8 23.8

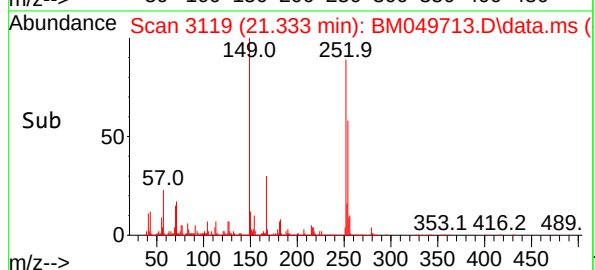
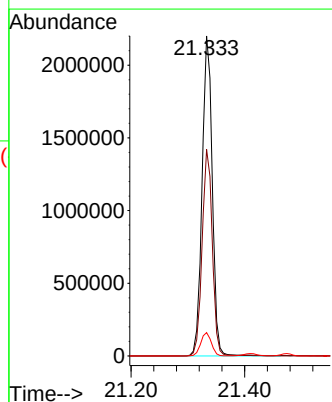
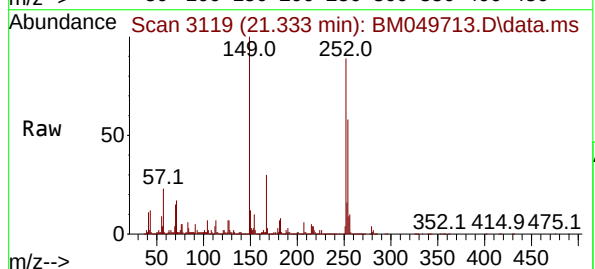
Manual Integrations
APPROVED

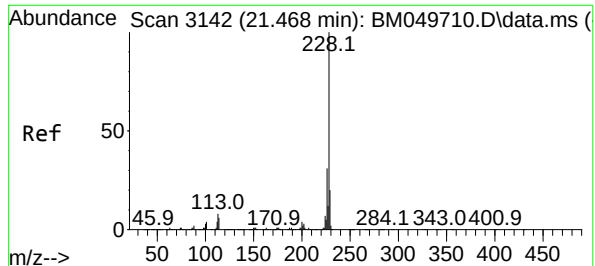
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 97.766 ng
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

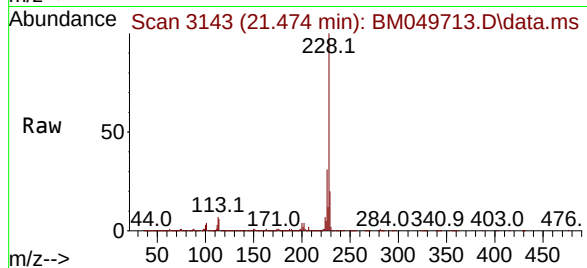
Tgt Ion:252 Resp: 2739621
Ion Ratio Lower Upper
252 100
254 64.5 51.0 76.4
126 7.3 6.3 9.5





#83
Chrysene
Concen: 90.694 ng
RT: 21.474 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

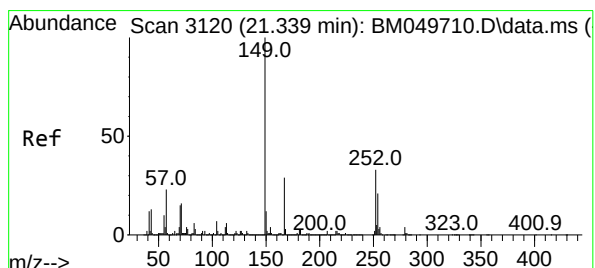
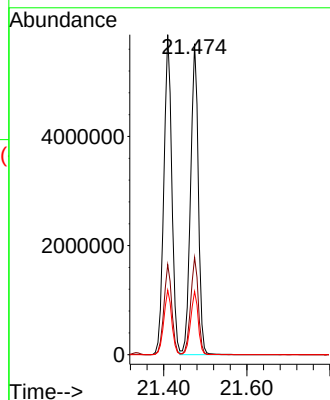
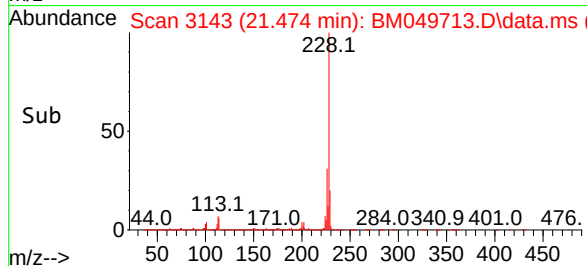
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 739957
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 20.3 15.8 23.6

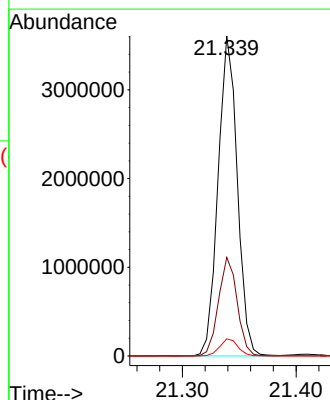
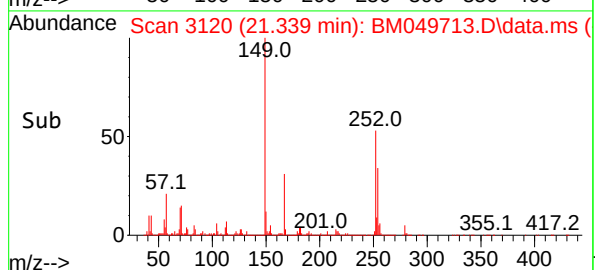
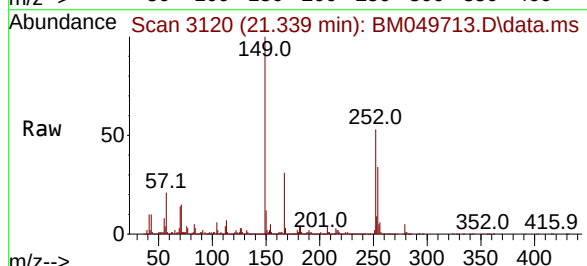
Manual Integrations
APPROVED

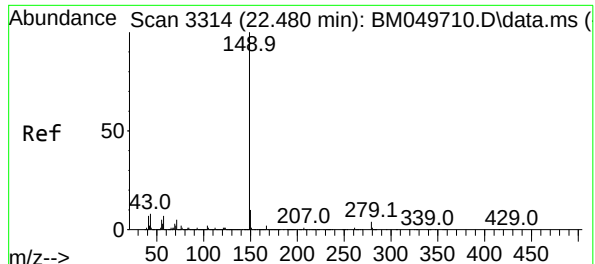
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 97.524 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

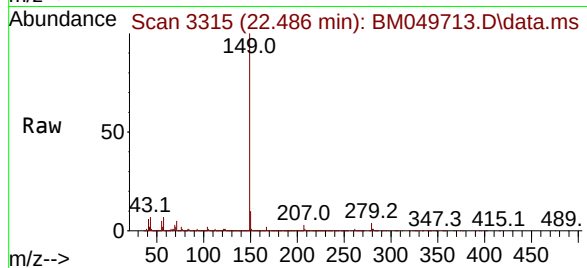
Tgt Ion:149 Resp: 4246419
Ion Ratio Lower Upper
149 100
167 30.8 22.9 34.3
279 5.4 3.5 5.3#





#85
Di-n-octyl phthalate
Concen: 98.213 ng
RT: 22.486 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

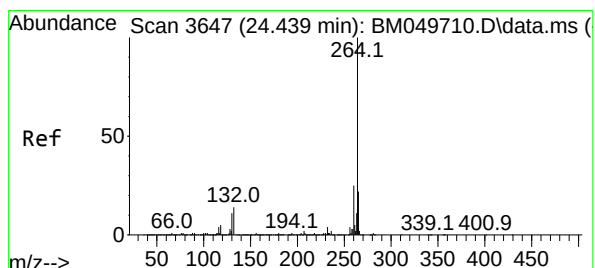
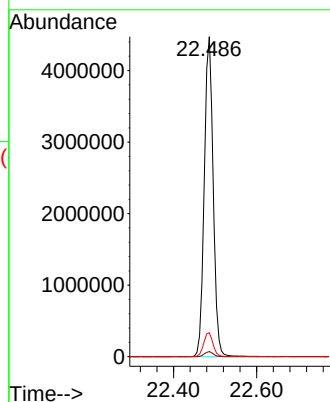
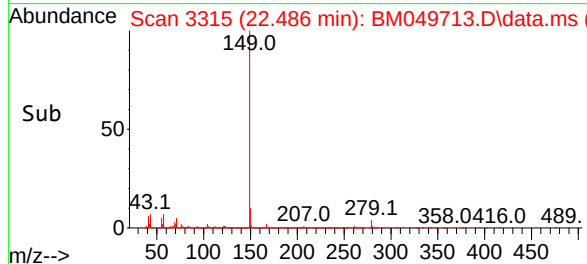
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 664666
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.9 6.8 10.2

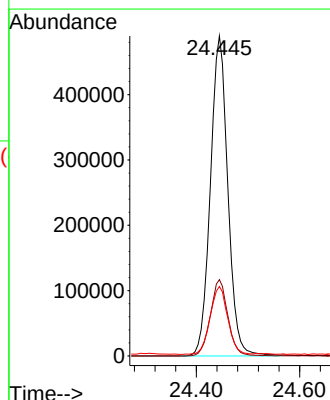
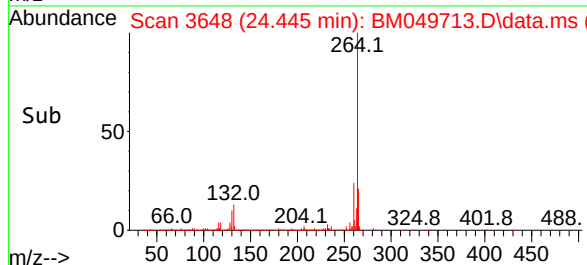
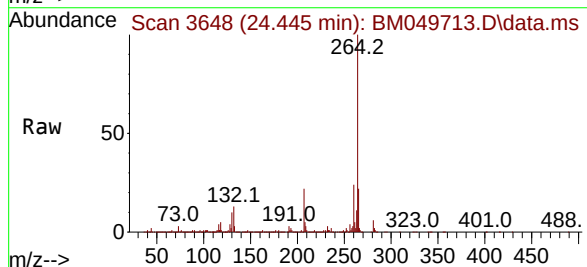
Manual Integrations
APPROVED

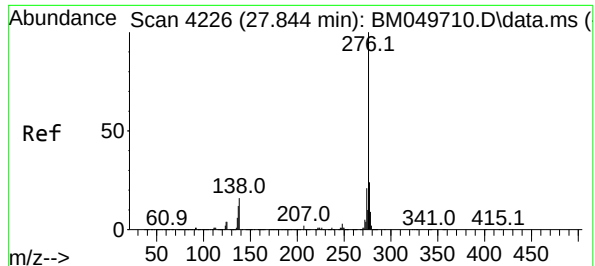
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.445 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

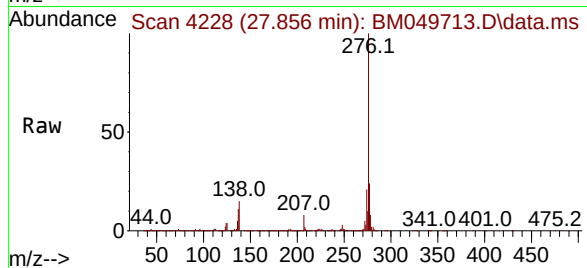
Tgt Ion:264 Resp: 1147839
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.7 18.2 27.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 95.562 ng
RT: 27.856 min Scan# 41
Delta R.T. 0.012 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

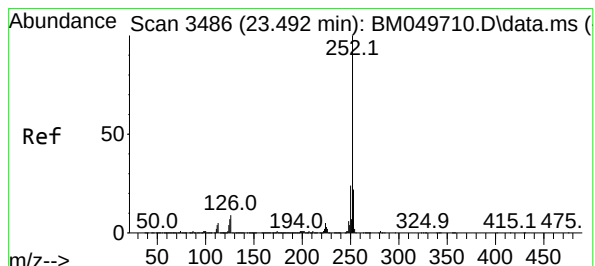
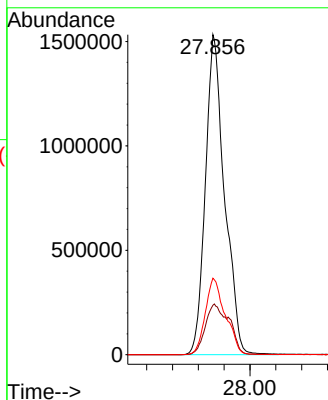
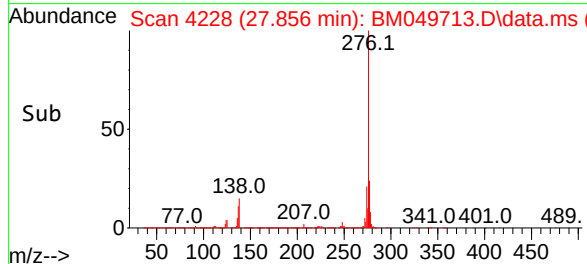
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



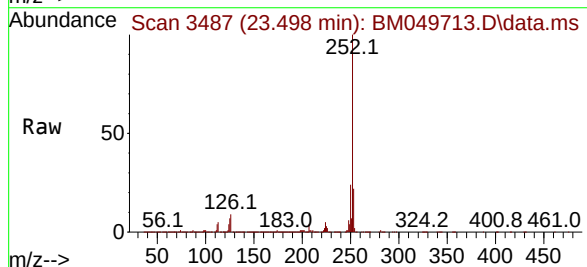
Tgt Ion:276 Resp: 789497
Ion Ratio Lower Upper
276 100
138 19.8 16.3 24.5
277 25.0 19.9 29.9

Manual Integrations
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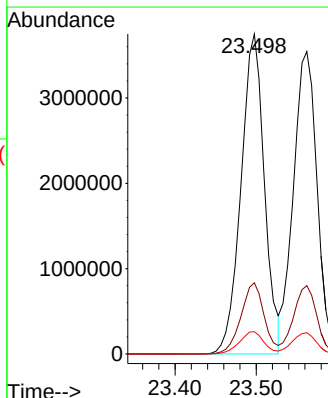
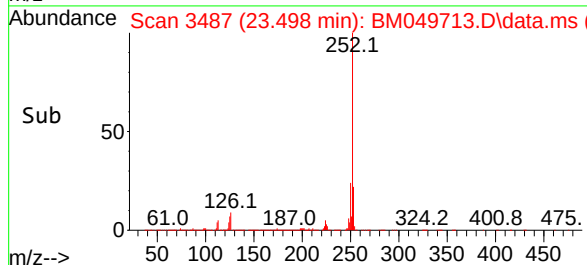
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

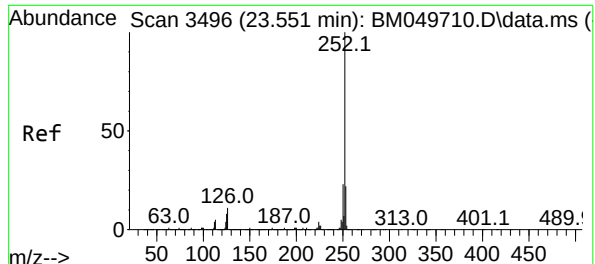


#88
Benzo(b)fluoranthene
Concen: 97.171 ng
RT: 23.498 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37



Tgt Ion:252 Resp: 7512407
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 6.9 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 94.915 ng

RT: 23.562 min Scan# 3496

Delta R.T. 0.012 min

Lab File: BM049713.D

Acq: 13 Mar 2025 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 722046

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

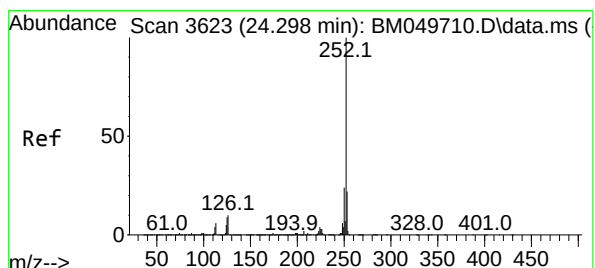
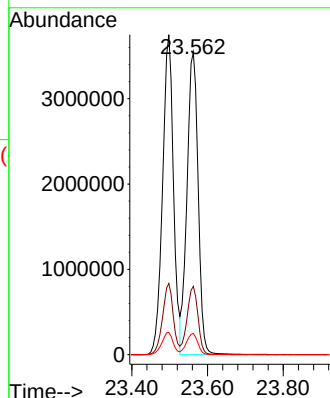
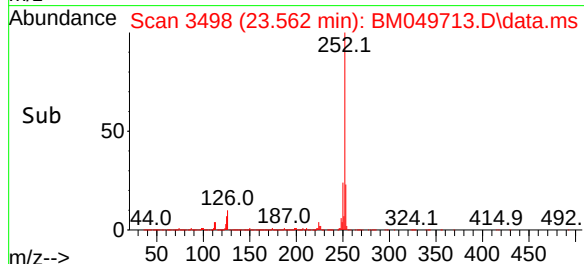
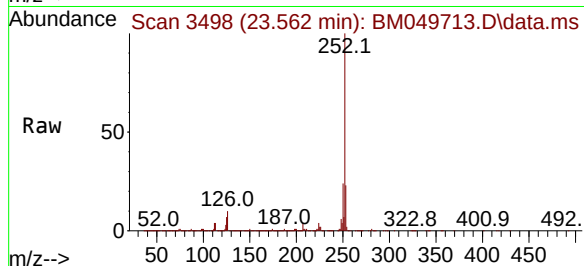
125 7.0 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#90

Benzo(a)pyrene

Concen: 97.443 ng

RT: 24.309 min Scan# 3625

Delta R.T. 0.012 min

Lab File: BM049713.D

Acq: 13 Mar 2025 13:37

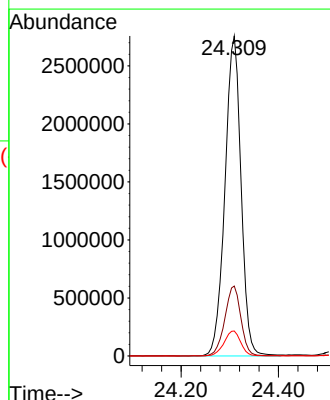
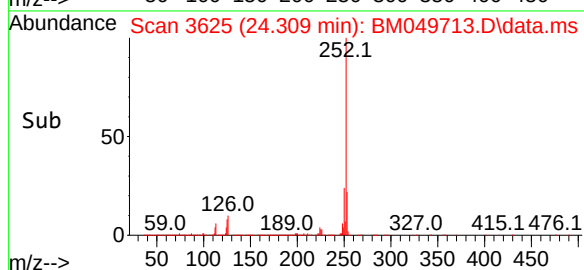
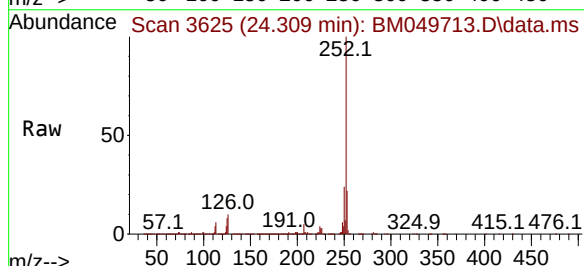
Tgt Ion:252 Resp: 6327756

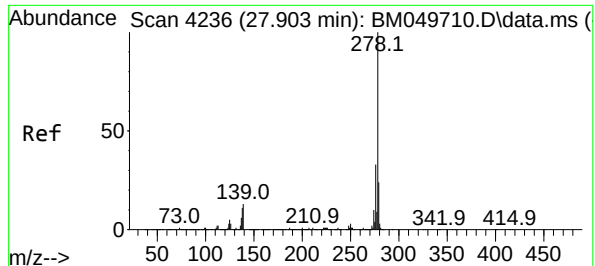
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

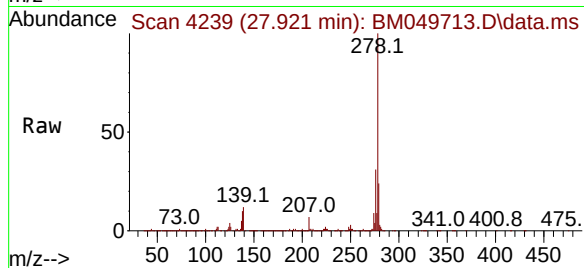
125 7.8 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 96.052 ng
RT: 27.921 min Scan# 410
Delta R.T. 0.018 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

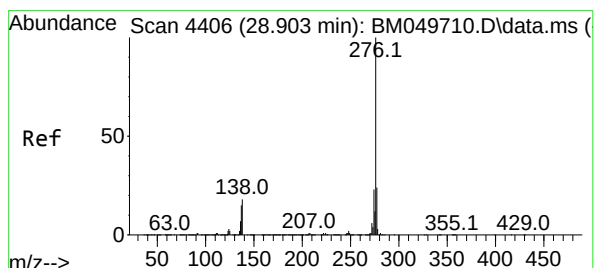
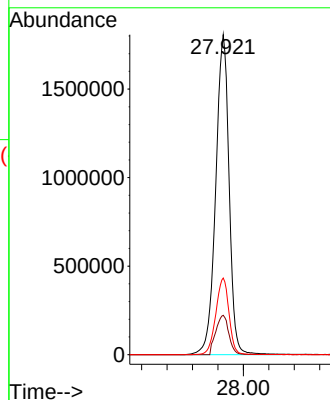
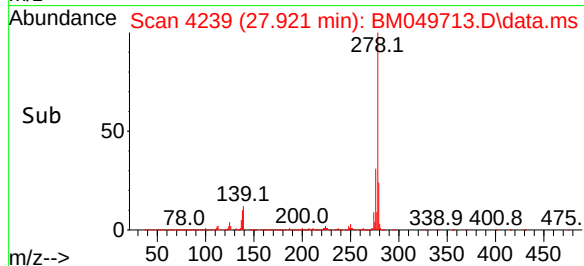
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:278 Resp: 6611470
Ion Ratio Lower Upper
278 100
139 12.3 10.1 15.1
279 24.0 19.1 28.7

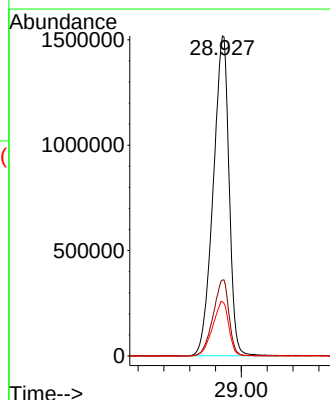
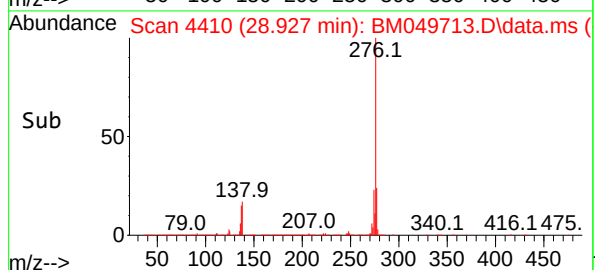
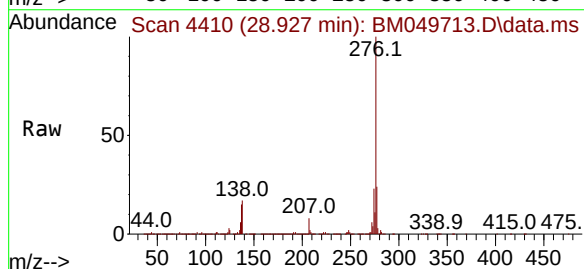
Manual Integrations
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Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#92
Benzo(g,h,i)perylene
Concen: 93.187 ng
RT: 28.927 min Scan# 4410
Delta R.T. 0.023 min
Lab File: BM049713.D
Acq: 13 Mar 2025 13:37

Tgt Ion:276 Resp: 6460933
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 16.9 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049714.D
 Acq On : 13 Mar 2025 14:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031325

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 15:16:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	399812	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1369450	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	852294	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1592582	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1466147	20.000	ng	0.00
86) Perylene-d12	24.444	264	1326527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1891142	79.812	ng	0.00
7) Phenol-d6	6.981	99	2447496	82.307	ng	0.00
23) Nitrobenzene-d5	8.963	82	2126194	79.713	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	875272	87.947	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	5375823	78.993	ng	0.00
79) Terphenyl-d14	19.815	244	7576311	87.079	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	394101	38.421	ng	99
3) Pyridine	3.687	79	1041115m	39.743	ng	
4) n-Nitrosodimethylamine	3.593	42	460309	39.713	ng	100
6) Aniline	7.140	93	1035308	41.558	ng	100
8) 2-Chlorophenol	7.375	128	929963	39.632	ng	99
9) Benzaldehyde	6.946	77	572392	38.938	ng	99
10) Phenol	7.010	94	1165563	40.424	ng	97
11) bis(2-Chloroethyl)ether	7.234	93	926742	39.691	ng	100
12) 1,3-Dichlorobenzene	7.698	146	1101384	38.623	ng	99
13) 1,4-Dichlorobenzene	7.845	146	1111735	38.645	ng	97
14) 1,2-Dichlorobenzene	8.163	146	1060889	38.803	ng	98
15) Benzyl Alcohol	8.045	79	782965	41.958	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1062992	38.736	ng	100
17) 2-Methylphenol	8.257	107	697345	40.737	ng	100
18) Hexachloroethane	8.892	117	384500	37.848	ng	90
19) n-Nitroso-di-n-propyla...	8.616	70	718211	41.653	ng	99
20) 3+4-Methylphenols	8.581	107	940414	40.994	ng	98
22) Acetophenone	8.628	105	1393533	39.465	ng	# 99
24) Nitrobenzene	9.004	77	997217	39.649	ng	100
25) Isophorone	9.534	82	1666027	40.681	ng	100
26) 2-Nitrophenol	9.716	139	451612	42.188	ng	98
27) 2,4-Dimethylphenol	9.781	122	556007	40.805	ng	99
28) bis(2-Chloroethoxy)met...	10.016	93	1128797	39.135	ng	99
29) 2,4-Dichlorophenol	10.257	162	895070	40.313	ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	1058273	38.096	ng	100
31) Naphthalene	10.657	128	2766321	39.284	ng	100
32) Benzoic acid	9.928	122	497601	42.940	ng	98
33) 4-Chloroaniline	10.763	127	968932	40.318	ng	100
34) Hexachlorobutadiene	10.945	225	655162	38.204	ng	99
35) Caprolactam	11.545	113	222273	43.119	ng	97
36) 4-Chloro-3-methylphenol	11.892	107	800680	42.022	ng	98
37) 2-Methylnaphthalene	12.269	142	1966254	39.933	ng	100
38) 1-Methylnaphthalene	12.486	142	1904818	40.096	ng	100
40) 1,2,4,5-Tetrachloroben...	12.639	216	1217494	38.890	ng	100
41) Hexachlorocyclopentadiene	12.627	237	457666	39.461	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	720412	41.087	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049714.D
 Acq On : 13 Mar 2025 14:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 15:16:44 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 13 14:55:34 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	781740	40.857	ng	98
46) 1,1'-Biphenyl	13.280	154	2552259	38.855	ng	100
47) 2-Chloronaphthalene	13.322	162	1973551	38.600	ng	99
48) 2-Nitroaniline	13.522	65	482592	42.046	ng	98
49) Acenaphthylene	14.169	152	2837576	39.705	ng	99
50) Dimethylphthalate	13.910	163	2306806	39.312	ng	100
51) 2,6-Dinitrotoluene	14.022	165	479409	40.774	ng	96
52) Acenaphthene	14.516	154	1839291	39.236	ng	99
53) 3-Nitroaniline	14.351	138	466241	41.671	ng	97
54) 2,4-Dinitrophenol	14.551	184	235915	40.645	ng	98
55) Dibenzofuran	14.845	168	3036901	38.878	ng	100
56) 4-Nitrophenol	14.663	139	387757	39.814	ng	99
57) 2,4-Dinitrotoluene	14.810	165	633322	41.860	ng	97
58) Fluorene	15.498	166	2552375	40.133	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	659657	41.187	ng	99
60) Diethylphthalate	15.274	149	2202259	39.848	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	1389032	39.997	ng	96
62) 4-Nitroaniline	15.510	138	488092	37.552	ng	98
63) Azobenzene	15.786	77	2092221	39.634	ng	99
65) 4,6-Dinitro-2-methylph...	15.568	198	335673	40.710	ng	94
66) n-Nitrosodiphenylamine	15.704	169	1935702	40.117	ng	98
67) 4-Bromophenyl-phenylether	16.386	248	733304	39.881	ng	97
68) Hexachlorobenzene	16.498	284	816963	39.511	ng	98
69) Atrazine	16.657	200	397712	37.400	ng	97
70) Pentachlorophenol	16.845	266	523396	40.280	ng	98
71) Phenanthrene	17.233	178	3502162	39.603	ng	100
72) Anthracene	17.321	178	3462856	40.434	ng	100
73) Carbazole	17.592	167	3088050	39.814	ng	99
74) Di-n-butylphthalate	18.162	149	3415276	40.175	ng	100
75) Fluoranthene	19.245	202	4098453	40.255	ng	99
77) Benzidine	19.427	184	861900	48.932	ng	100
78) Pyrene	19.609	202	4229052	41.286	ng	100
80) Butylbenzylphthalate	20.509	149	1322122	41.591	ng	96
81) Benzo(a)anthracene	21.409	228	3881696	39.638	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	1278791	40.108	ng	99
83) Chrysene	21.474	228	3630416	39.108	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	2039556	41.168	ng	100
85) Di-n-octyl phthalate	22.486	149	2953248	38.353	ng	100
87) Indeno(1,2,3-cd)pyrene	27.856	276	3642855	38.154	ng	100
88) Benzo(b)fluoranthene	23.497	252	3507924	39.262	ng	100
89) Benzo(k)fluoranthene	23.562	252	3482012	39.606	ng	99
90) Benzo(a)pyrene	24.309	252	2962652	39.477	ng	99
91) Dibenzo(a,h)anthracene	27.915	278	3029972	38.090	ng	100
92) Benzo(g,h,i)perylene	28.915	276	3030114	37.817	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049714.D
 Acq On : 13 Mar 2025 14:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025

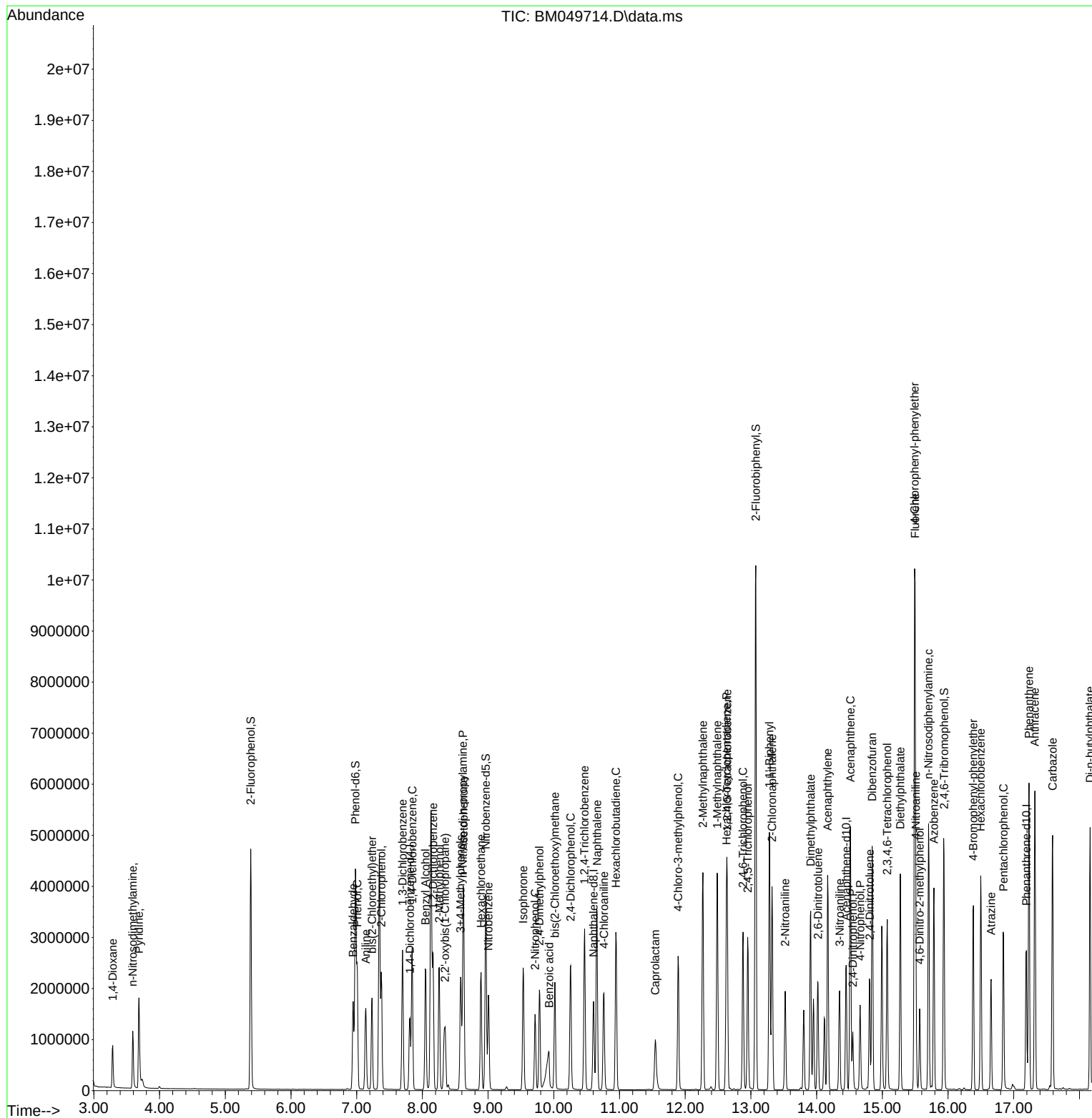
Quant Time: Mar 13 15:16:44 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 13 14:55:34 2025

Response via : Initial Calibration



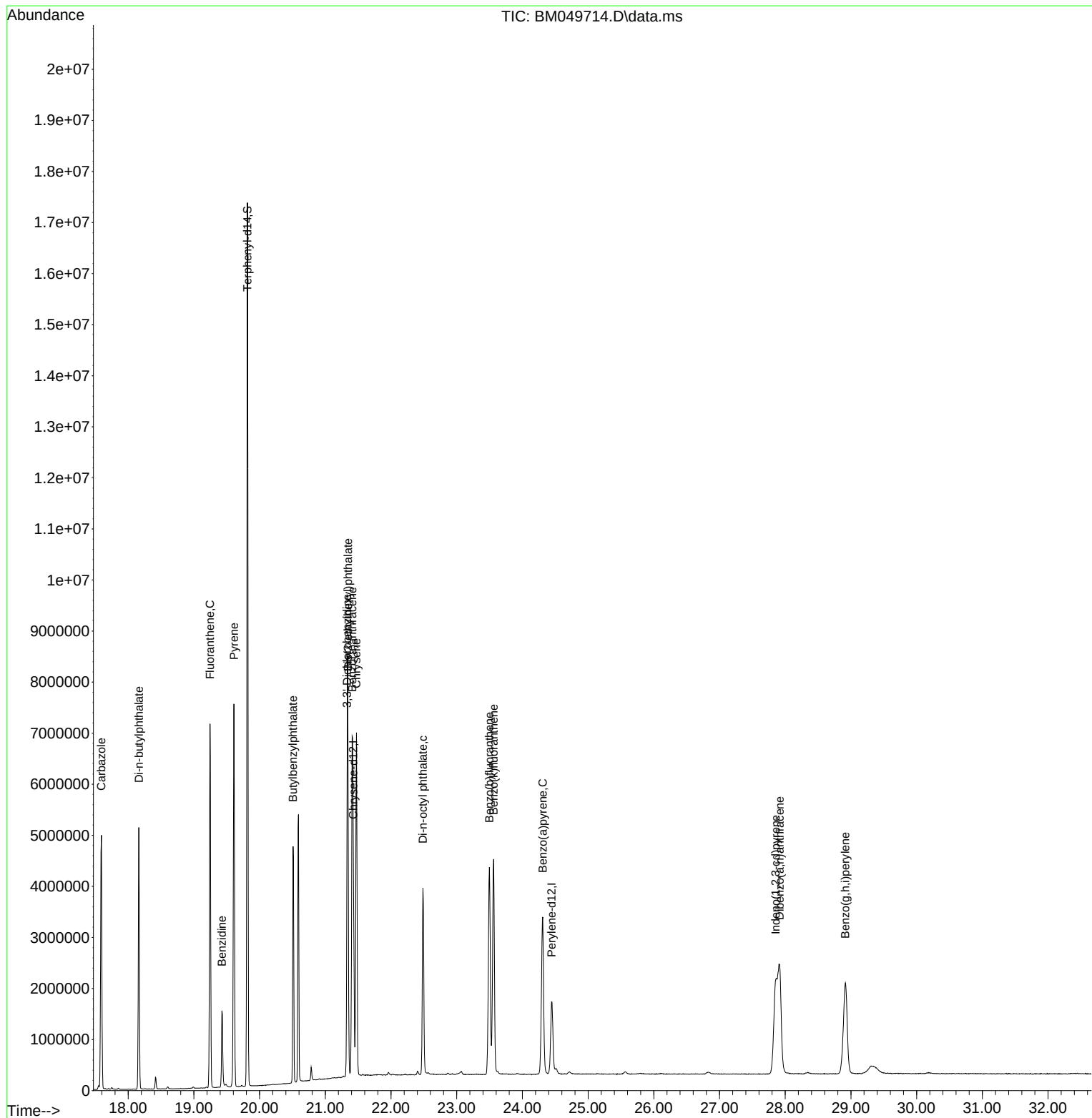
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Acq On : 13 Mar 2025 14:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

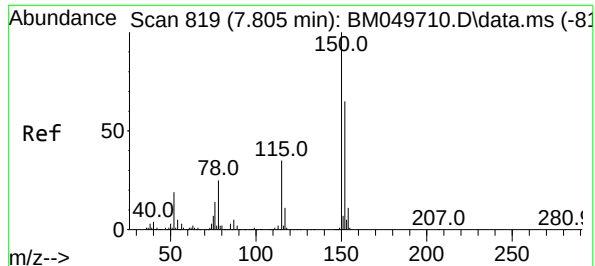
Instrument :
BNA_M
ClientSampleId :
ICVBM031325

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

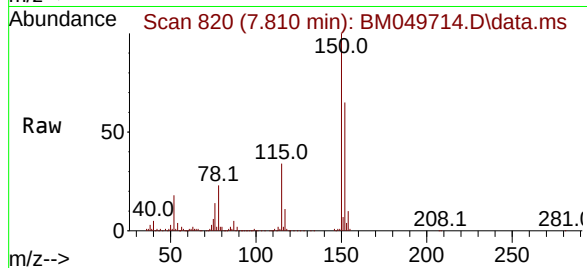
Quant Time: Mar 13 15:16:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 819
Delta R.T. 0.005 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

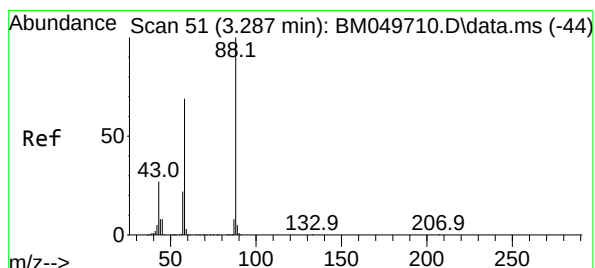
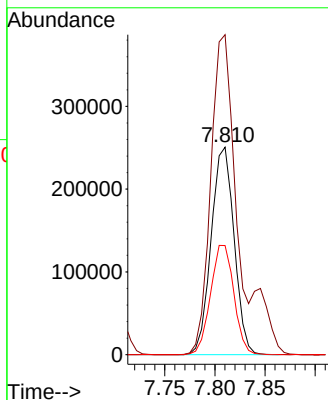
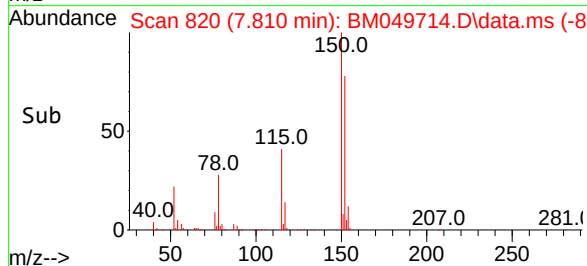
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:152 Resp: 399812
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.8
115 52.6 43.0 64.6

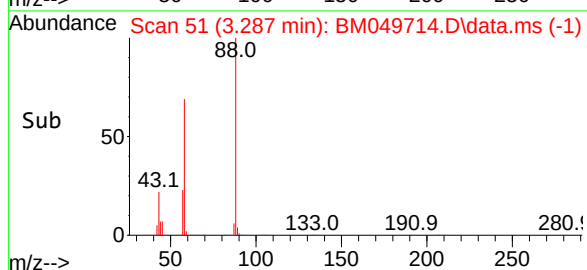
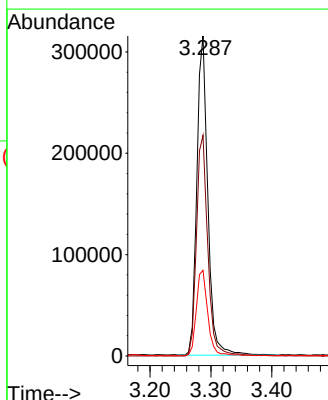
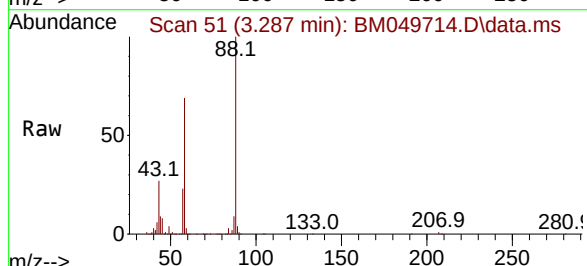
Manual Integrations
APPROVED

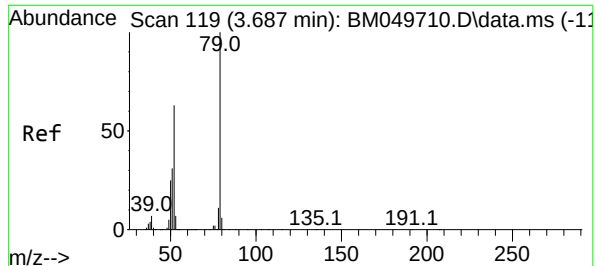
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#2
1,4-Dioxane
Concen: 38.421 ng
RT: 3.287 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

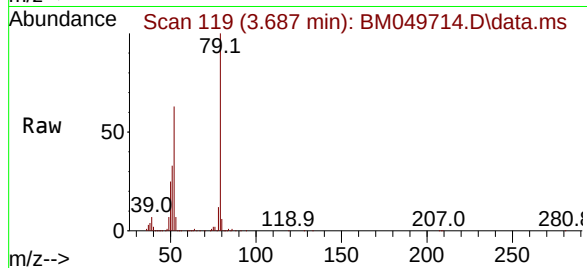
Tgt Ion: 88 Resp: 394101
Ion Ratio Lower Upper
88 100
58 71.3 56.7 85.1
43 28.0 22.6 34.0





#3
Pyridine
Concen: 39.743 ng m
RT: 3.687 min Scan# 119
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

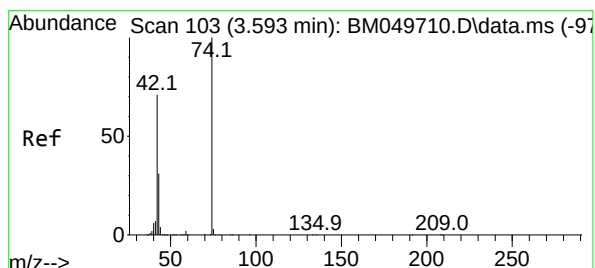
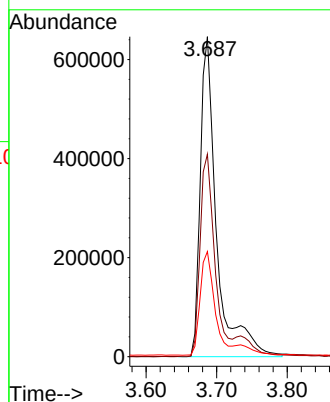
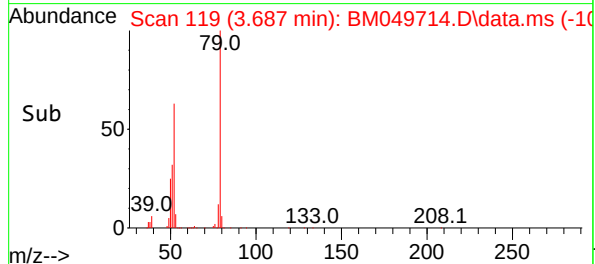
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion: 79 Resp: 104111
Ion Ratio Lower Upper
79 100
52 63.3 50.1 75.1
51 32.8 25.2 37.8

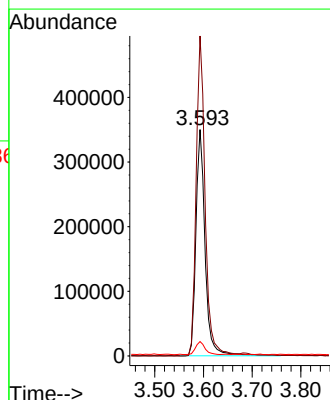
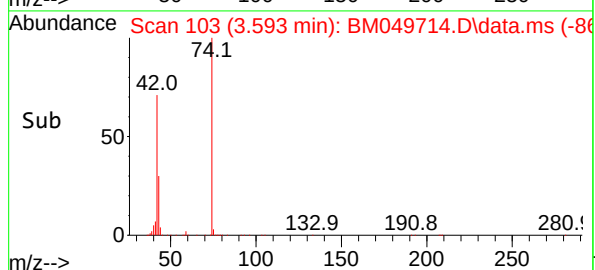
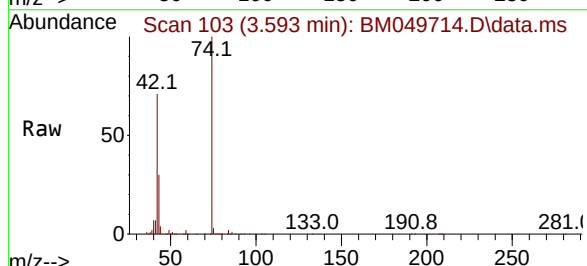
Manual Integrations
APPROVED

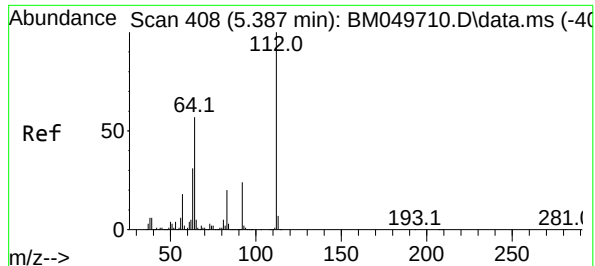
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#4
n-Nitrosodimethylamine
Concen: 39.713 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion: 42 Resp: 460309
Ion Ratio Lower Upper
42 100
74 141.3 112.6 168.8
44 6.3 5.0 7.6





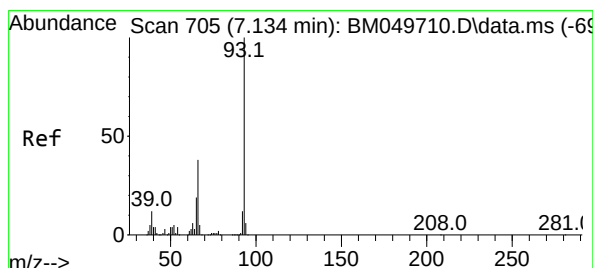
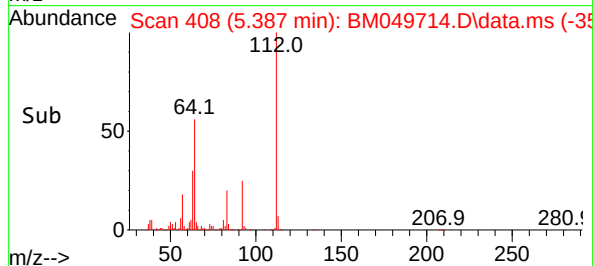
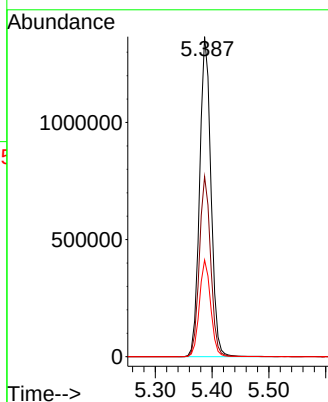
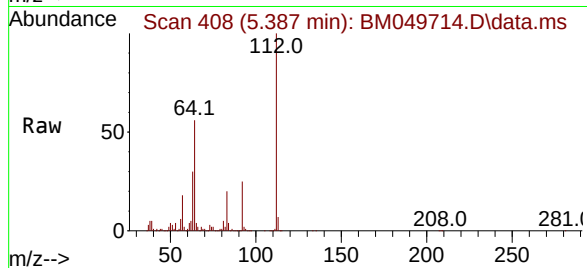
#5
2-Fluorophenol
Concen: 79.812 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Instrument :
BNA_M
ClientSampleId :
ICVBM031325

Tgt Ion:112 Resp: 189114
Ion Ratio Lower Upper
112 100
64 56.3 45.3 67.9
63 30.2 24.4 36.6

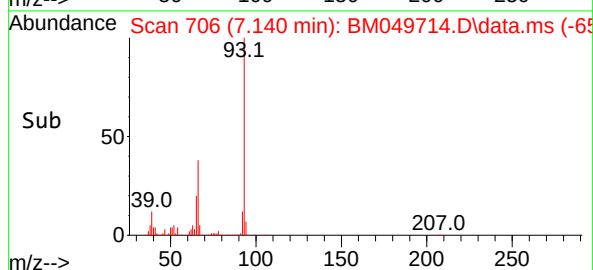
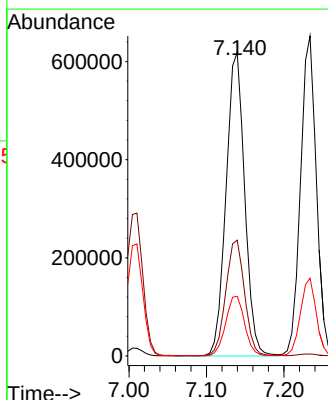
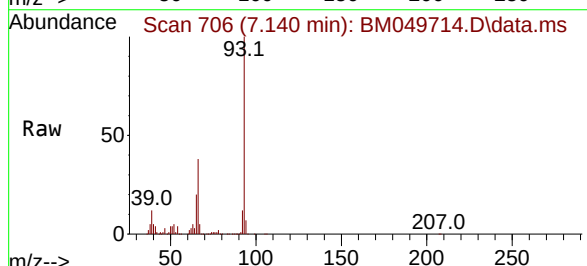
Manual Integrations
APPROVED

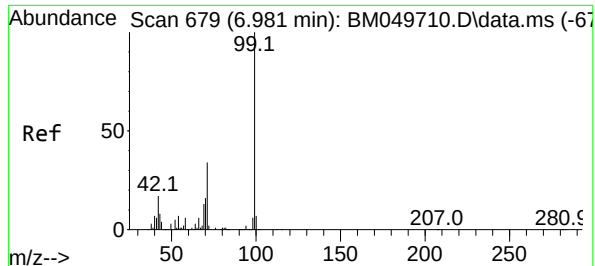
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#6
Aniline
Concen: 41.558 ng
RT: 7.140 min Scan# 706
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

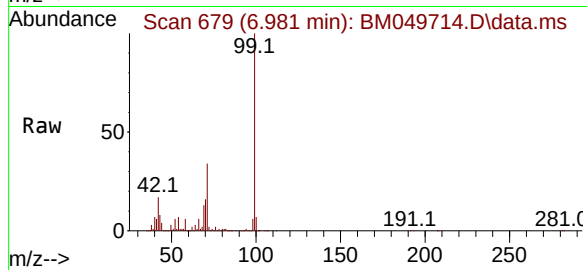
Tgt Ion: 93 Resp: 1035308
Ion Ratio Lower Upper
93 100
66 38.2 30.6 46.0
65 19.7 15.4 23.2





#7
Phenol-d6
Concen: 82.307 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

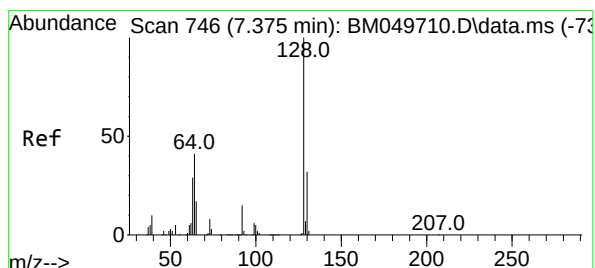
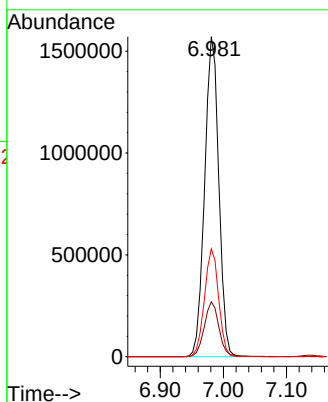
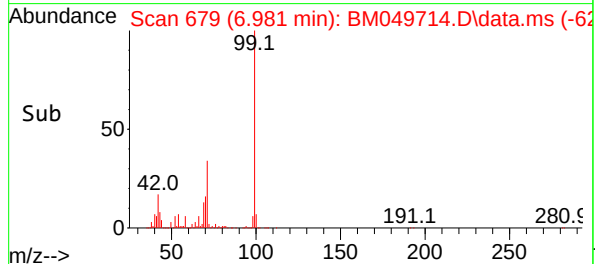
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion: 99 Resp: 2447490
Ion Ratio Lower Upper
99 100
42 17.2 13.6 20.4
71 33.7 27.0 40.6

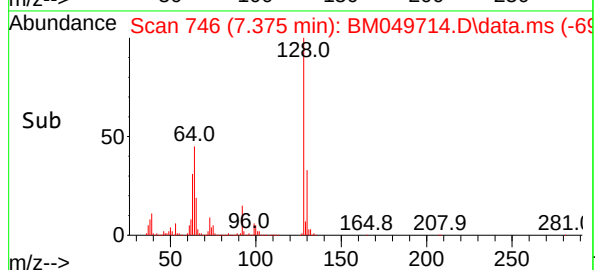
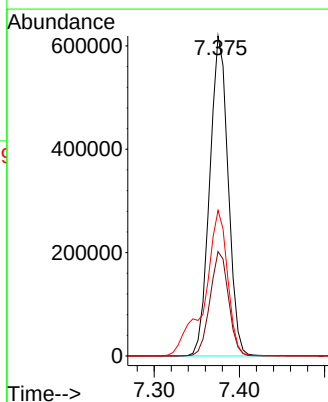
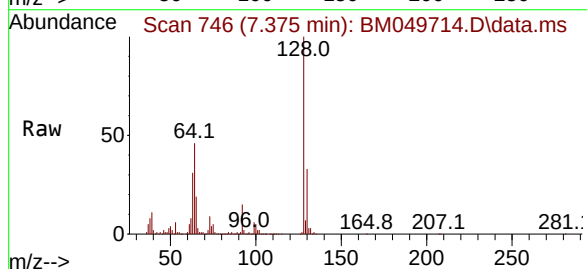
Manual Integrations
APPROVED

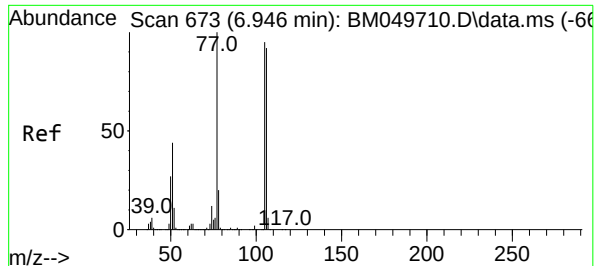
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#8
2-Chlorophenol
Concen: 39.632 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:128 Resp: 929963
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 45.5 24.9 64.9





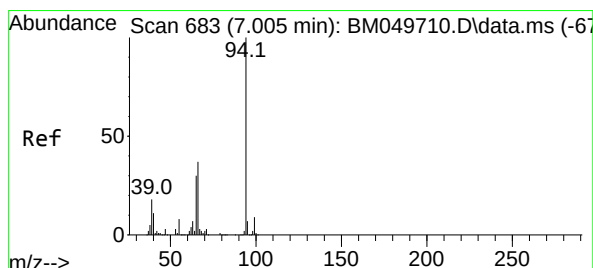
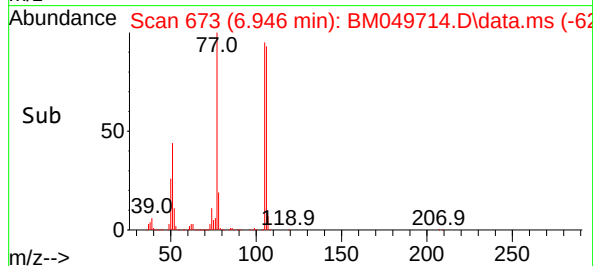
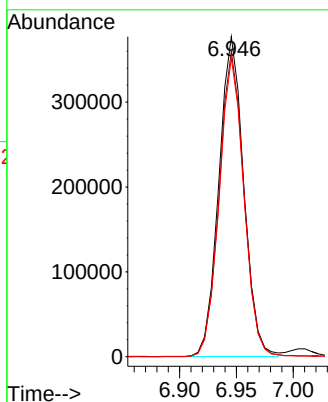
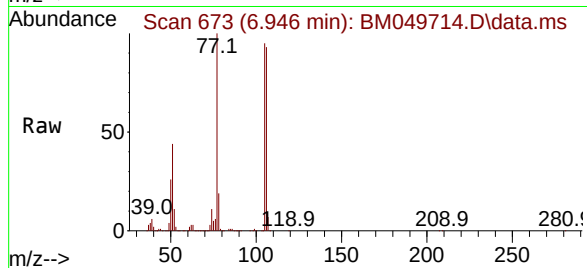
#9
Benzaldehyde
Concen: 38.938 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Instrument :
BNA_M
ClientSampleId :
ICVBM031325

Tgt Ion: 77 Resp: 572392
Ion Ratio Lower Upper
77 100
105 95.4 75.0 115.0
106 93.4 72.3 112.3

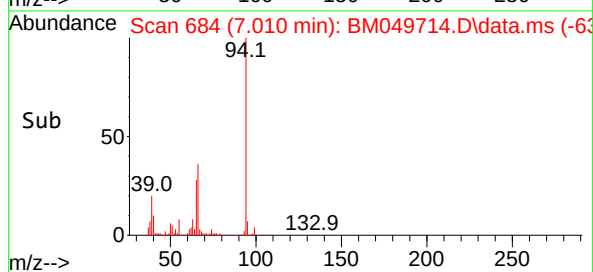
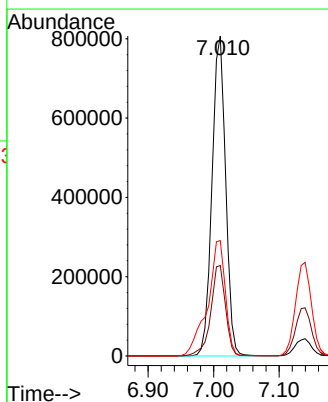
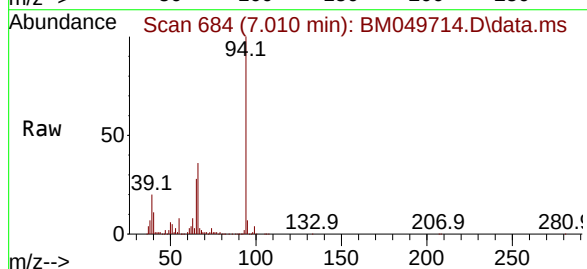
Manual Integrations
APPROVED

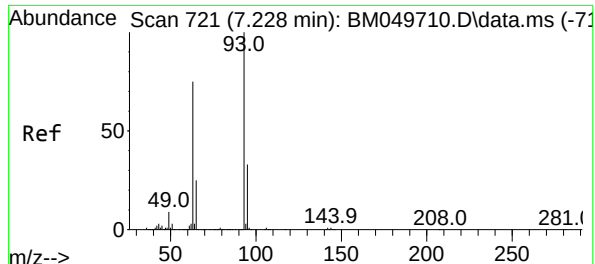
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#10
Phenol
Concen: 40.424 ng
RT: 7.010 min Scan# 684
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

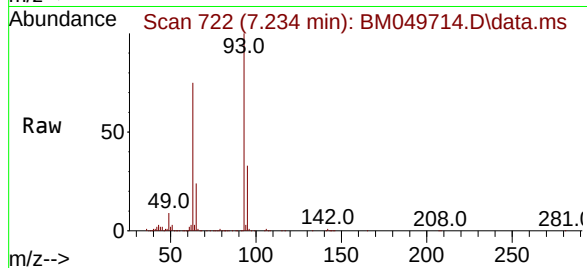
Tgt Ion: 94 Resp: 1165563
Ion Ratio Lower Upper
94 100
65 28.3 10.4 50.4
66 36.1 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 39.691 ng
RT: 7.234 min Scan# 721
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

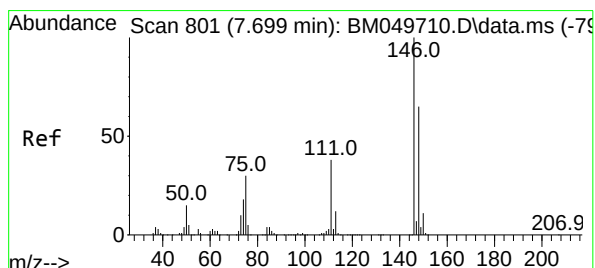
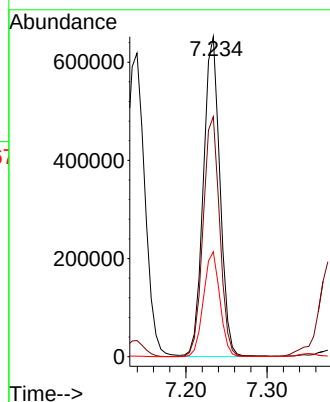
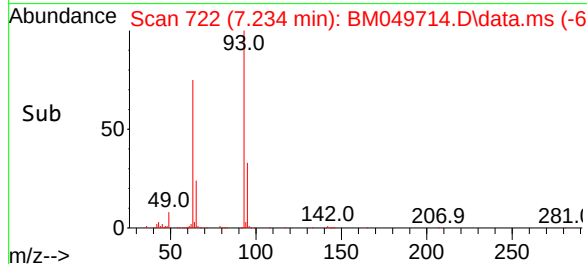
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion: 93 Resp: 92674
Ion Ratio Lower Upper
93 100
63 75.0 54.8 94.8
95 32.8 12.8 52.8

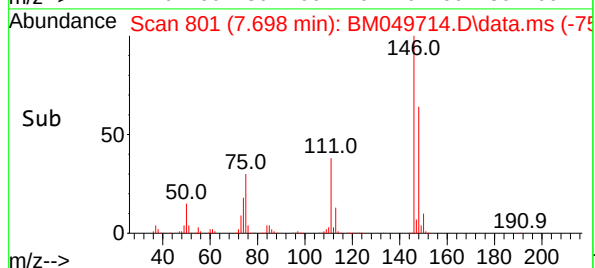
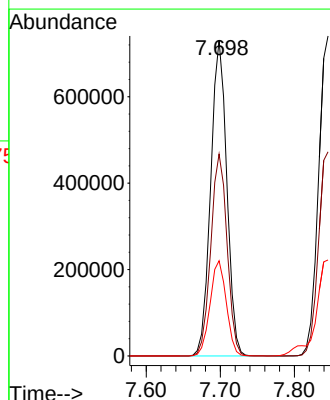
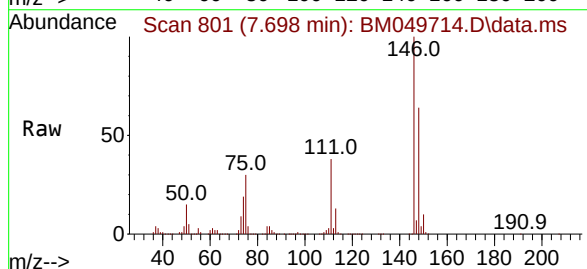
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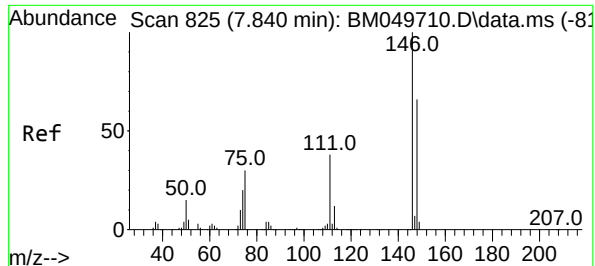
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#12
1,3-Dichlorobenzene
Concen: 38.623 ng
RT: 7.698 min Scan# 801
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:146 Resp: 1101384
Ion Ratio Lower Upper
146 100
148 64.0 52.3 78.5
75 30.2 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 38.645 ng

RT: 7.845 min Scan# 80

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

Tgt Ion:146 Resp: 111173

Ion Ratio Lower Upper

146 100

148 63.8 52.6 79.0

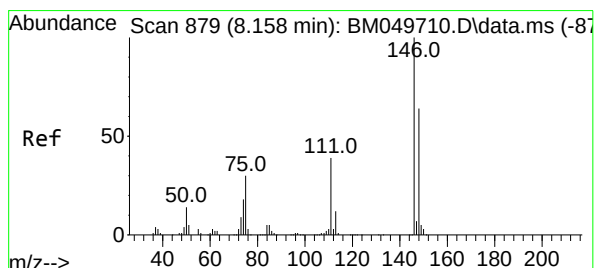
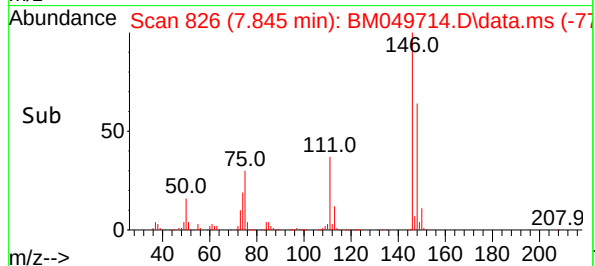
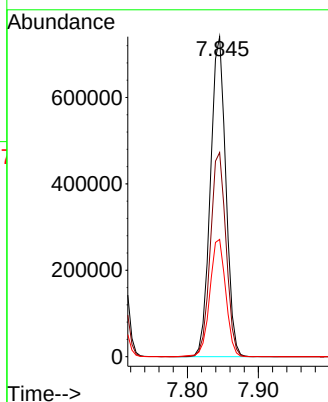
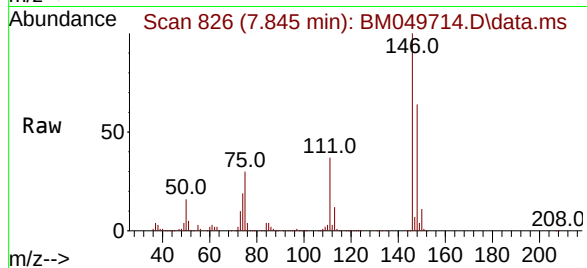
111 36.7 30.8 46.2

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 38.803 ng

RT: 8.163 min Scan# 880

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

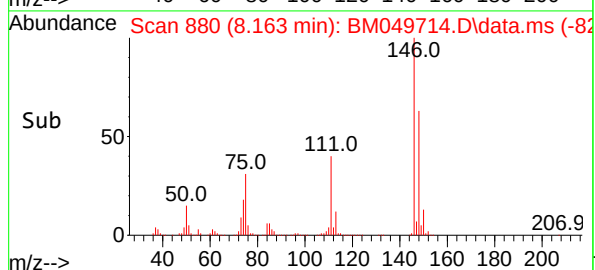
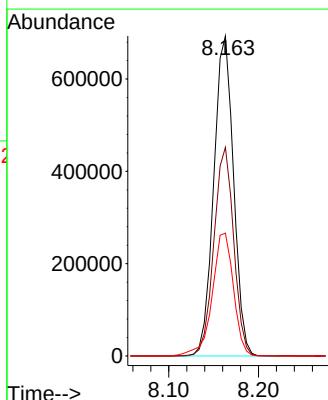
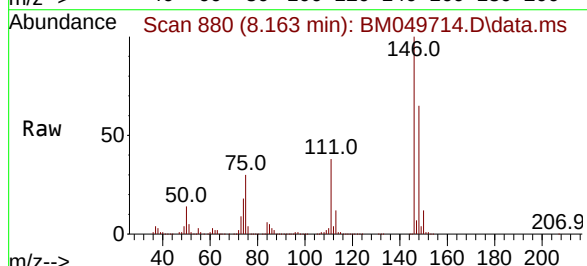
Tgt Ion:146 Resp: 1060889

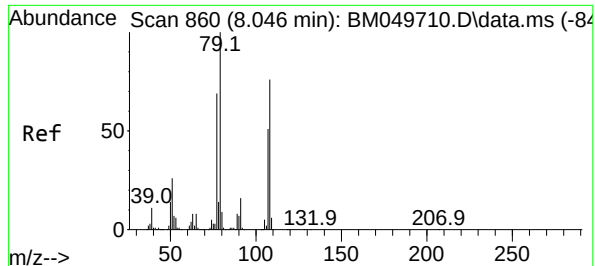
Ion Ratio Lower Upper

146 100

148 65.2 50.9 76.3

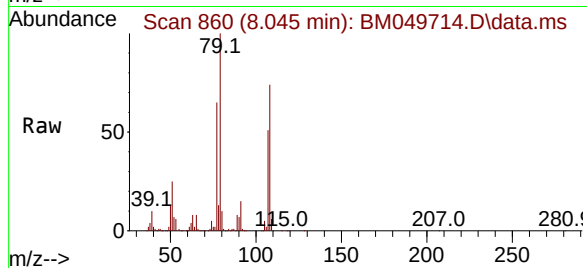
111 38.4 31.0 46.6





#15
Benzyl Alcohol
Concen: 41.958 ng
RT: 8.045 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

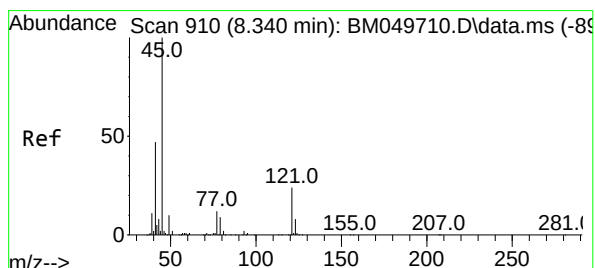
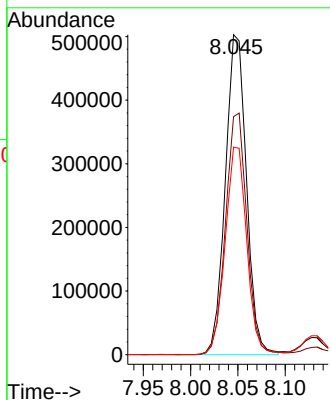
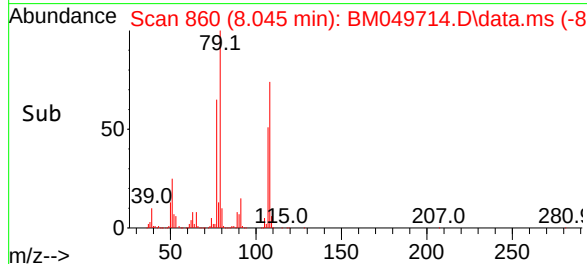
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



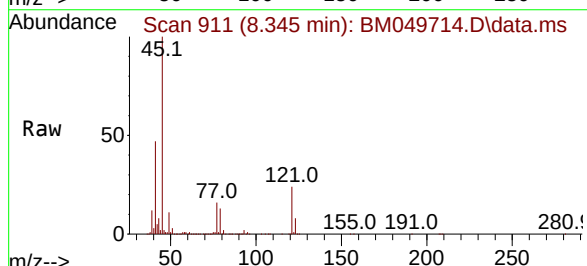
Tgt Ion: 79 Resp: 78296
Ion Ratio Lower Upper
79 100
108 74.4 60.7 91.1
77 64.9 55.4 83.2

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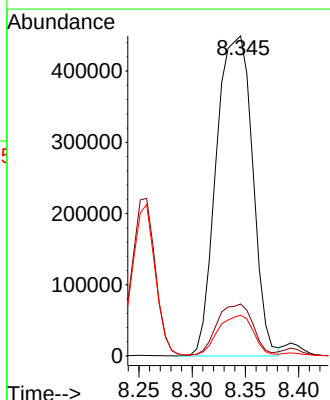
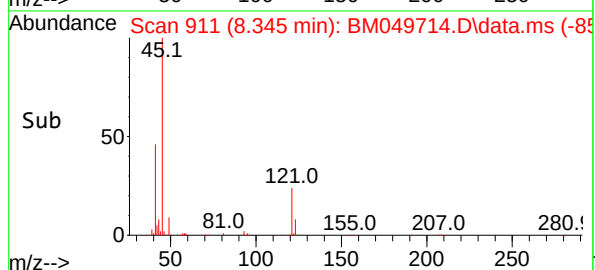
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

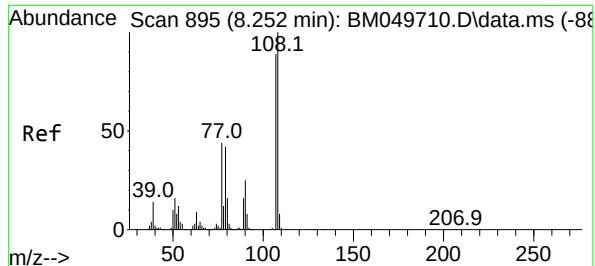


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.736 ng
RT: 8.345 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41



Tgt Ion: 45 Resp: 1062992
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.1
79 12.8 0.0 32.8





#17

2-Methylphenol

Concen: 40.737 ng

RT: 8.257 min Scan# 895

Delta R.T. 0.006 min

Lab File: BM049714.D

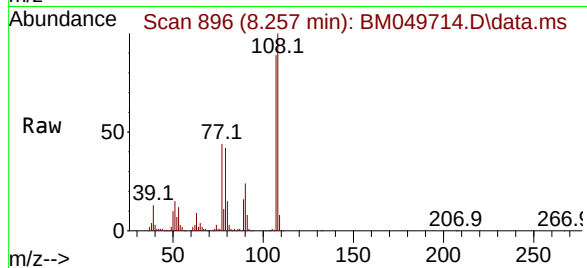
Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325



Tgt Ion:107 Resp: 69734

Ion Ratio Lower Upper

107 100

108 111.9 89.6 134.4

77 48.7 39.8 59.6

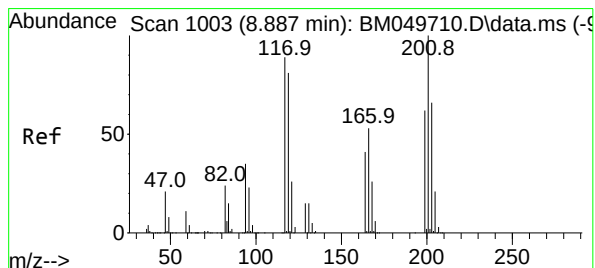
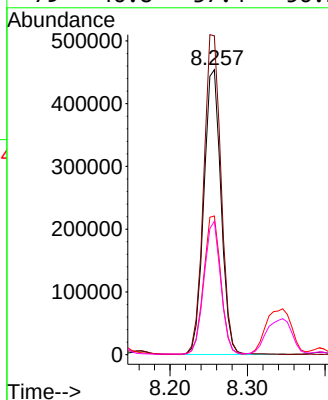
79 46.8 37.4 56.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/14/2025



#18

Hexachloroethane

Concen: 37.848 ng

RT: 8.892 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

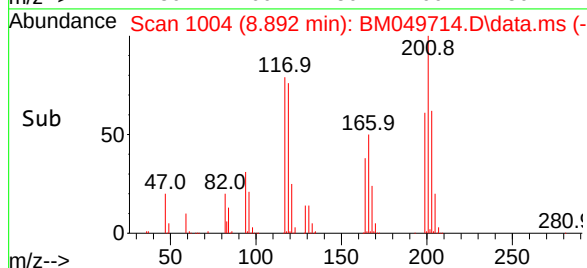
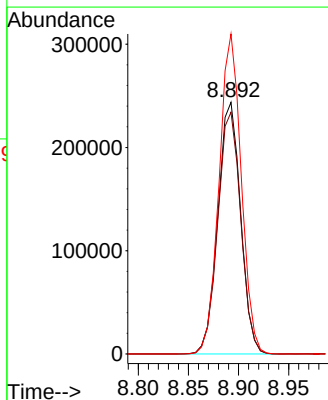
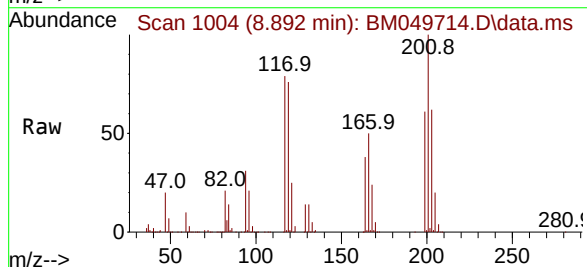
Tgt Ion:117 Resp: 384500

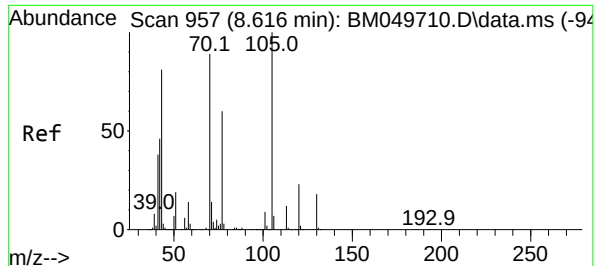
Ion Ratio Lower Upper

117 100

119 96.0 73.1 109.7

201 127.1 90.0 135.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.653 ng

RT: 8.616 min Scan# 957

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

Tgt Ion: 70 Resp: 71821

Ion Ratio Lower Upper

70 100

42 52.9 41.8 62.6

101 9.0 7.7 11.5

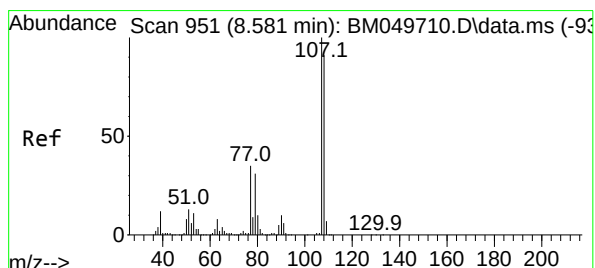
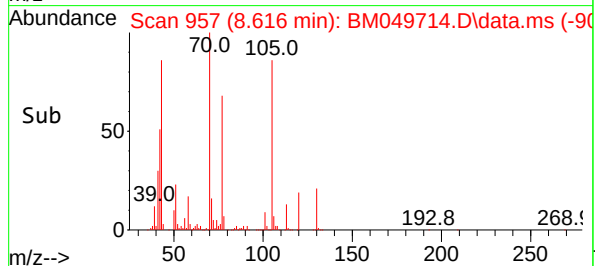
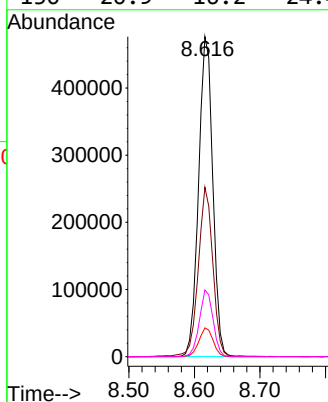
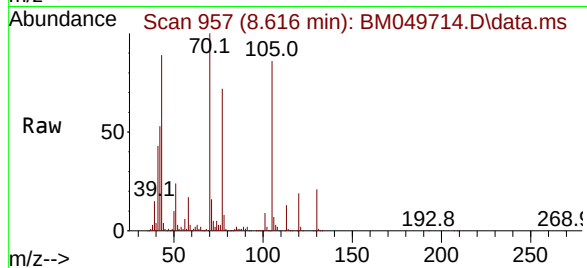
130 20.9 16.2 24.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#20

3+4-Methylphenols

Concen: 40.994 ng

RT: 8.581 min Scan# 951

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Tgt Ion:107 Resp: 940414

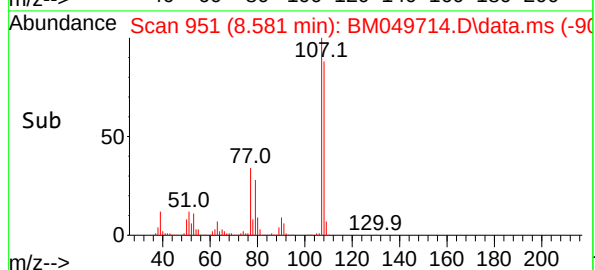
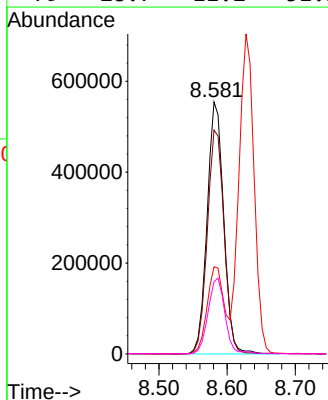
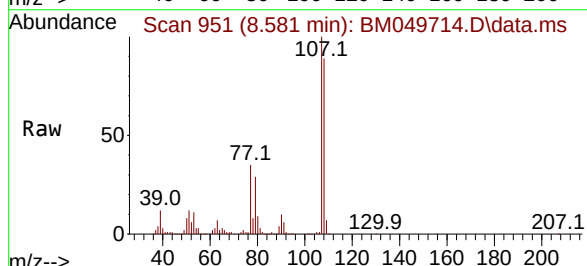
Ion Ratio Lower Upper

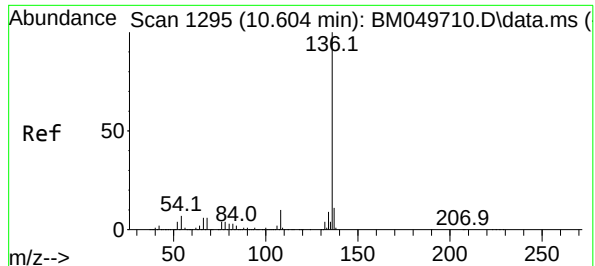
107 100

108 88.8 71.0 111.0

77 34.6 15.1 55.1

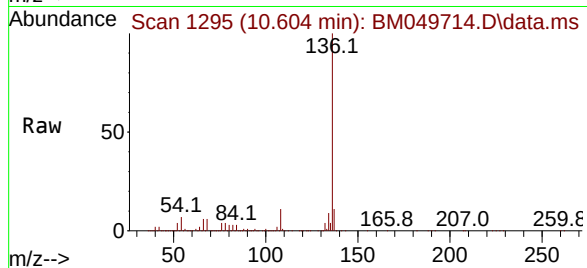
79 28.7 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

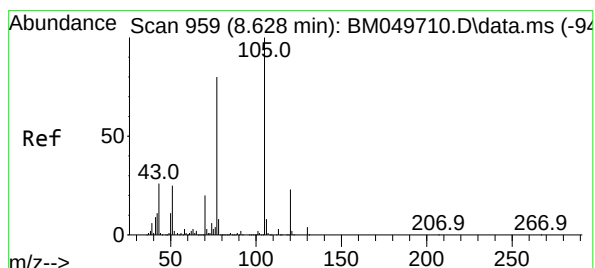
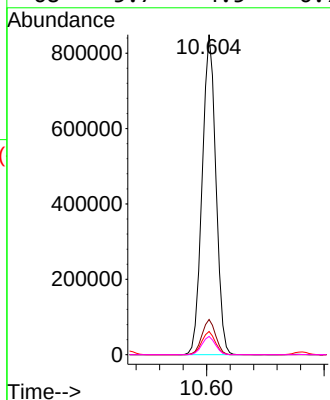
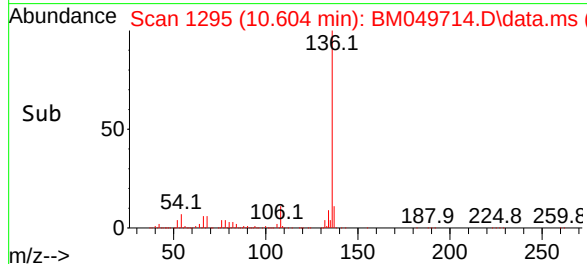
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:136 Resp: 1369450
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.2 5.8 8.8
68 5.7 4.5 6.7

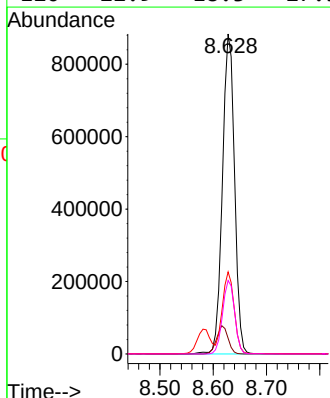
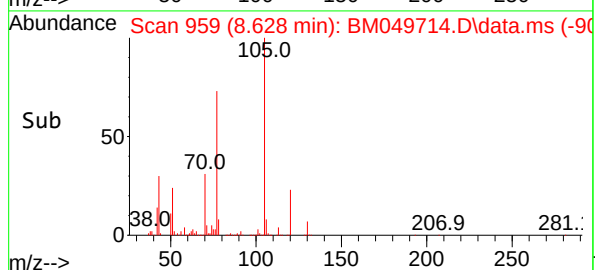
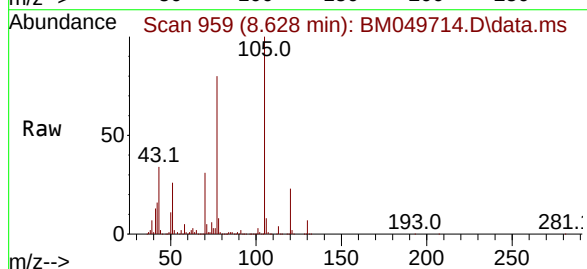
Manual Integrations
APPROVED

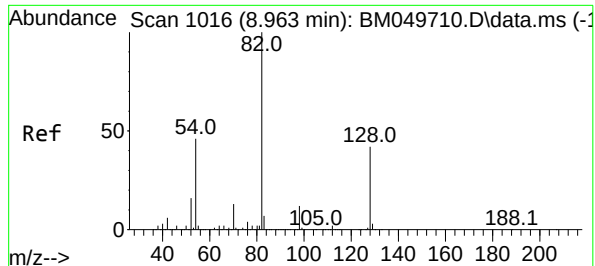
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#22
Acetophenone
Concen: 39.465 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:105 Resp: 1393533
Ion Ratio Lower Upper
105 100
71 4.9 2.5 3.7#
51 25.7 19.9 29.9
120 22.9 18.3 27.5





#23

Nitrobenzene-d5

Concen: 79.713 ng

RT: 8.963 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

Tgt Ion: 82 Resp: 2126194

Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.0

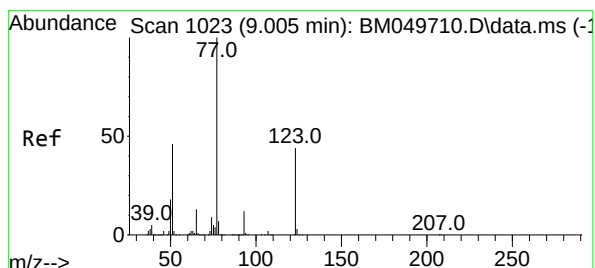
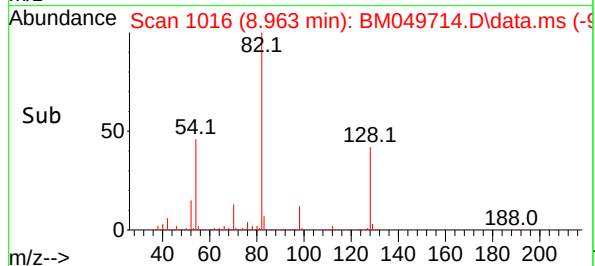
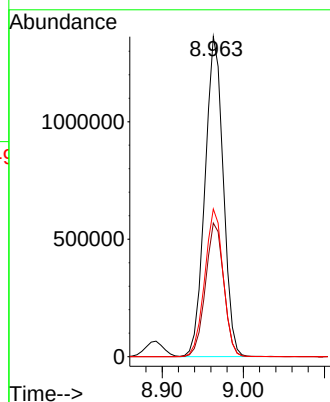
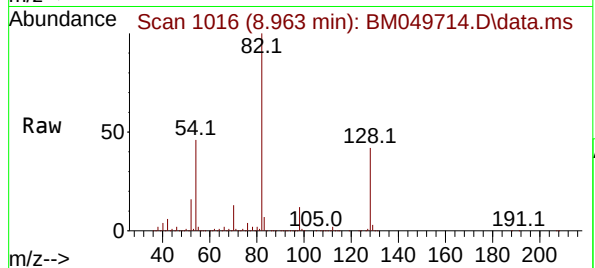
54 46.2 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#24

Nitrobenzene

Concen: 39.649 ng

RT: 9.004 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

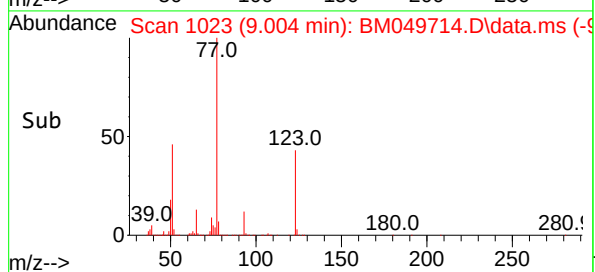
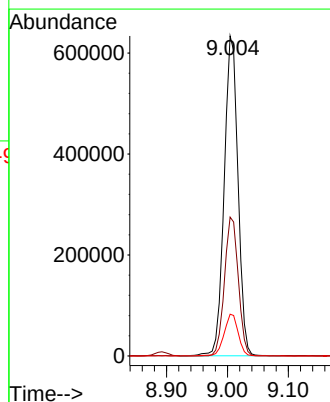
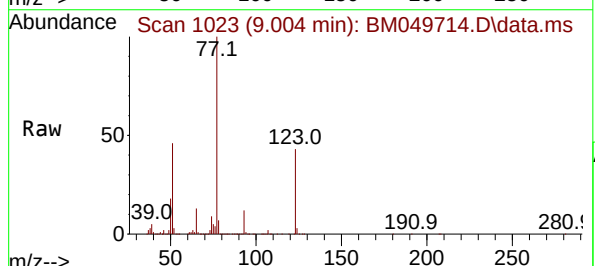
Tgt Ion: 77 Resp: 997217

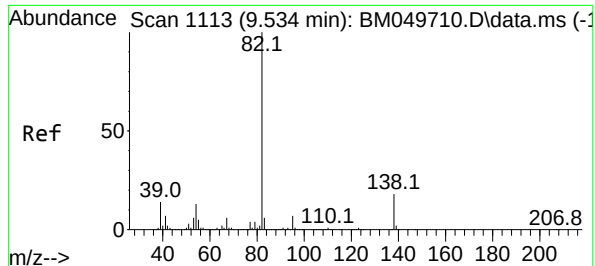
Ion Ratio Lower Upper

77 100

123 43.4 34.9 52.3

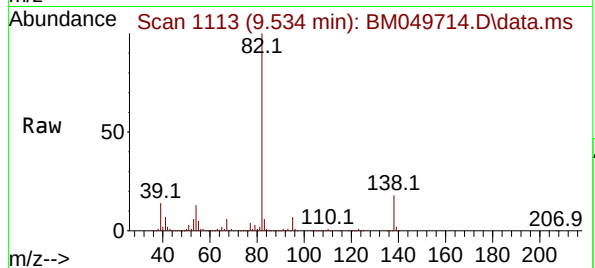
65 13.0 10.6 15.8





#25
Isophorone
Concen: 40.681 ng
RT: 9.534 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

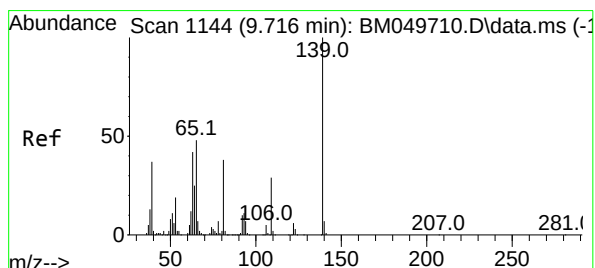
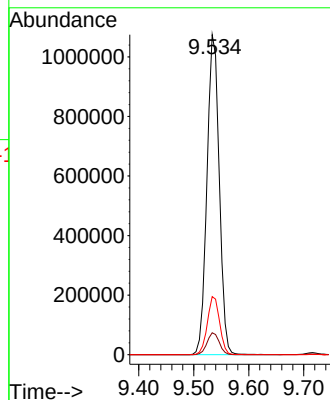
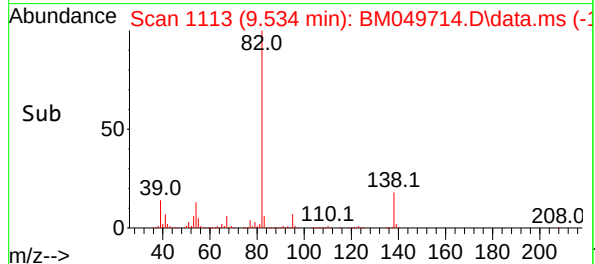
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion: 82 Resp: 166602
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.2 14.4 21.6

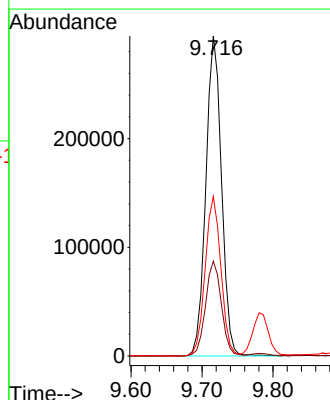
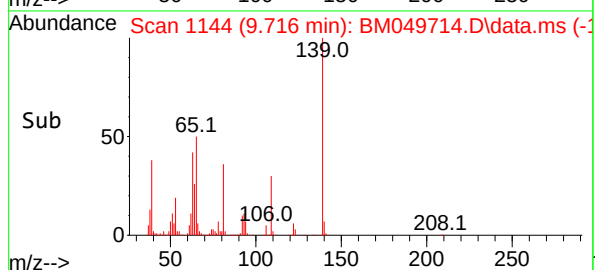
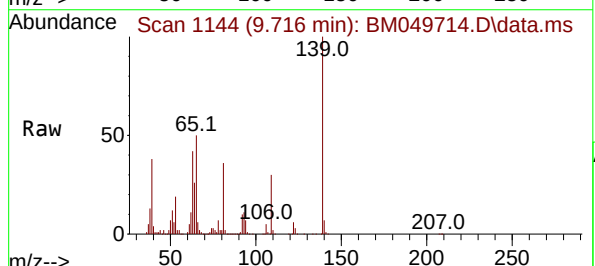
Manual Integrations
APPROVED

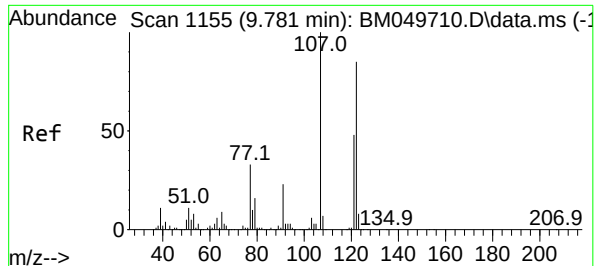
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#26
2-Nitrophenol
Concen: 42.188 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

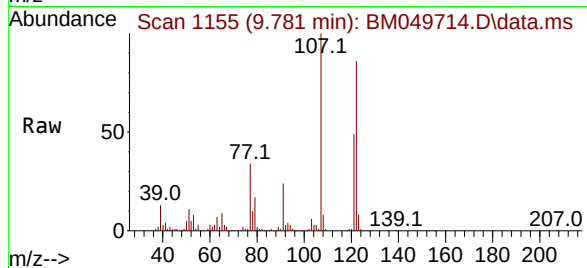
Tgt Ion:139 Resp: 451612
Ion Ratio Lower Upper
139 100
109 29.7 23.3 34.9
65 49.8 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 40.805 ng
RT: 9.781 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

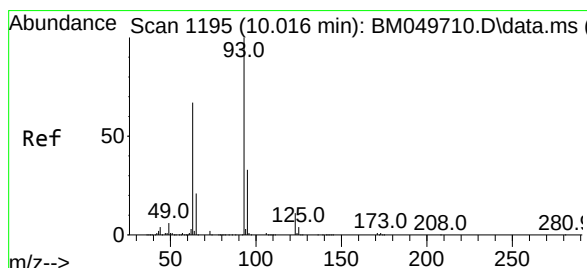
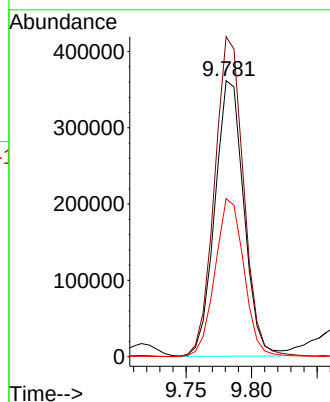
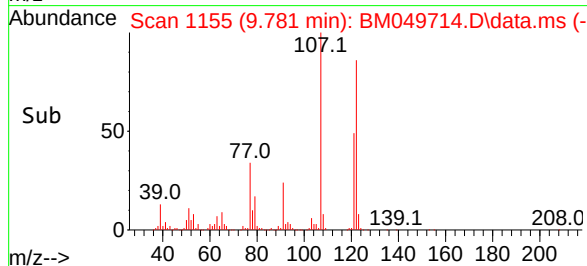
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



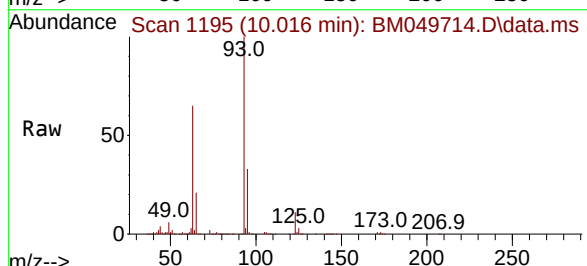
Tgt Ion:122 Resp: 55600
Ion Ratio Lower Upper
122 100
107 115.9 94.3 141.5
121 57.3 45.4 68.2

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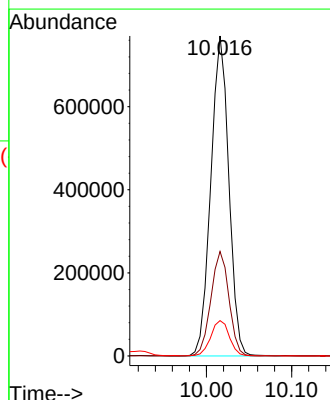
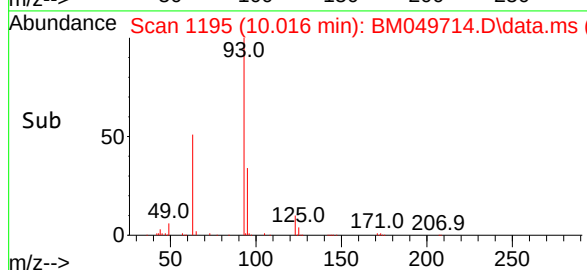
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

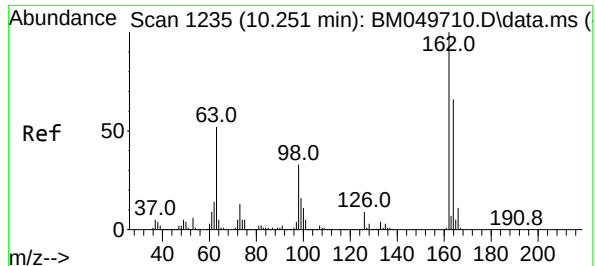


#28
bis(2-Chloroethoxy)methane
Concen: 39.135 ng
RT: 10.016 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41



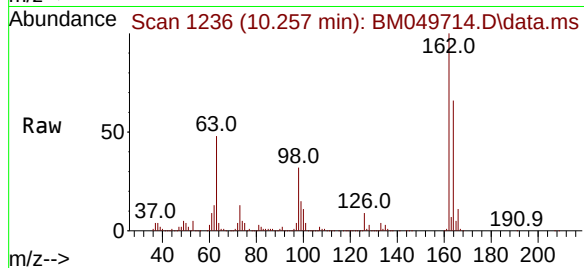
Tgt Ion: 93 Resp: 1128797
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 11.1 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 40.313 ng
RT: 10.257 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

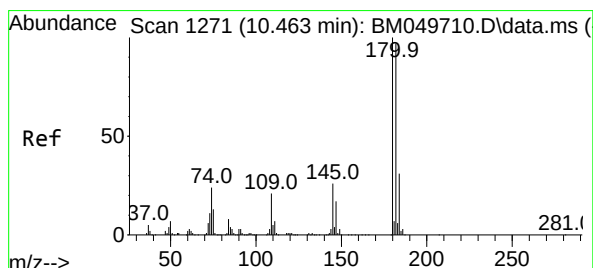
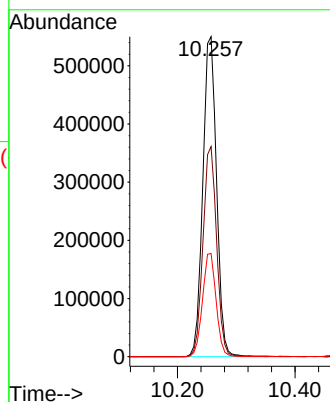
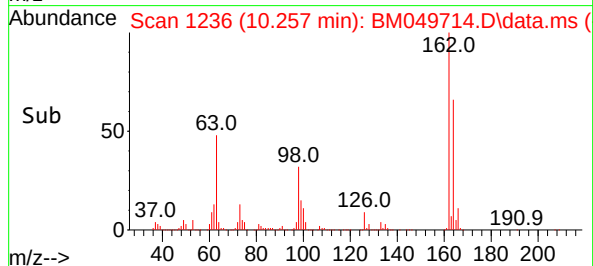
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



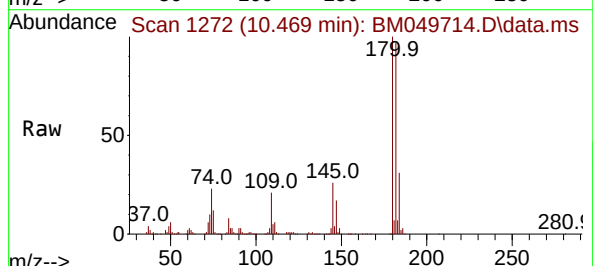
Tgt Ion:162 Resp: 895070
Ion Ratio Lower Upper
162 100
164 65.6 46.3 86.3
98 32.2 12.8 52.8

Manual Integrations
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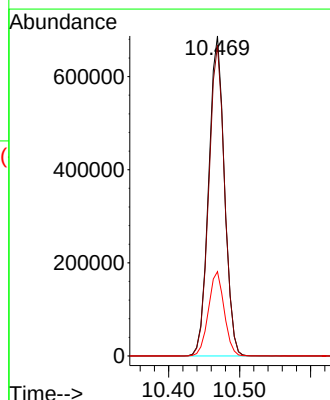
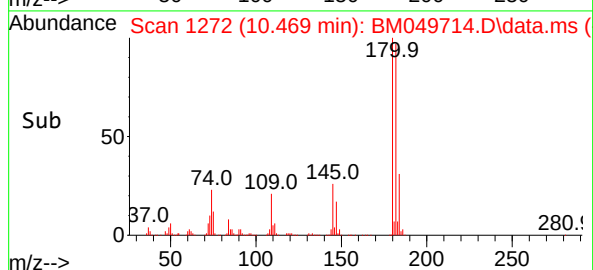
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

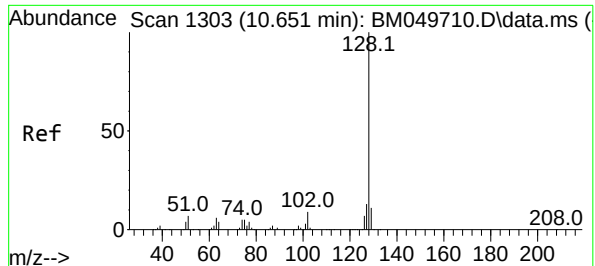


#30
1,2,4-Trichlorobenzene
Concen: 38.096 ng
RT: 10.469 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41



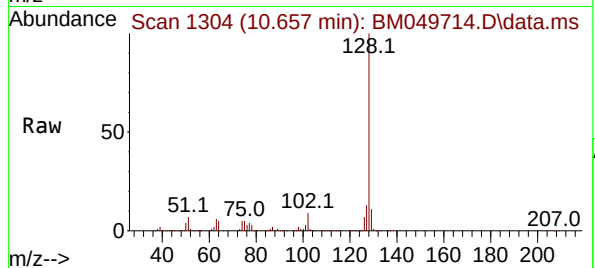
Tgt Ion:180 Resp: 1058273
Ion Ratio Lower Upper
180 100
182 97.1 77.7 116.5
145 26.3 21.0 31.4





#31
Naphthalene
Concen: 39.284 ng
RT: 10.657 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

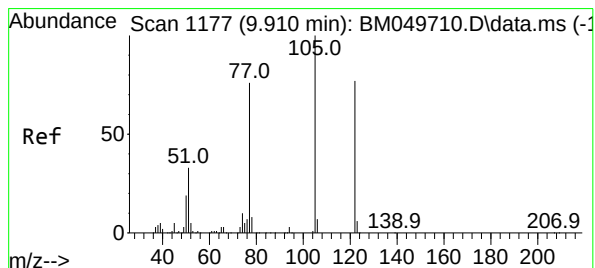
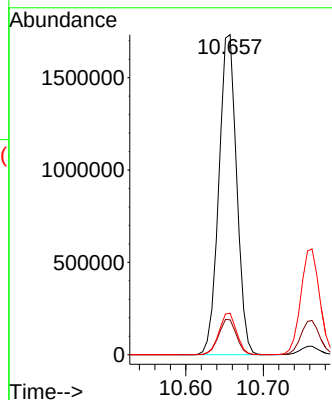
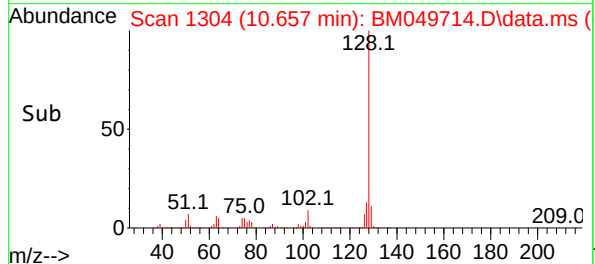
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:128 Resp: 276632
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.4 15.6

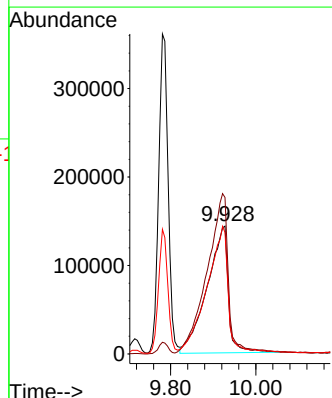
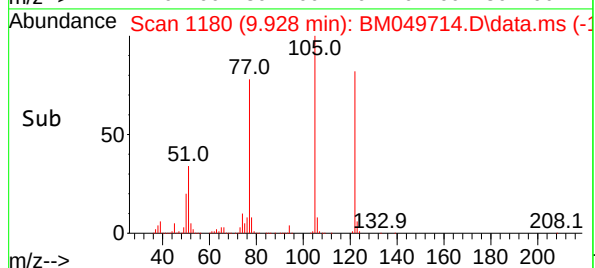
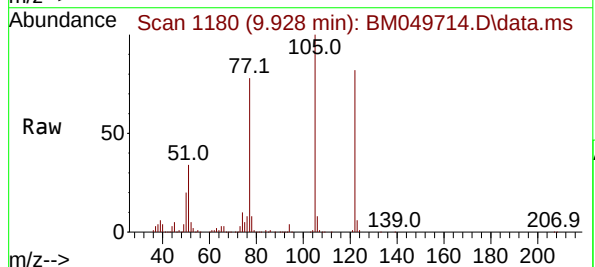
Manual Integrations
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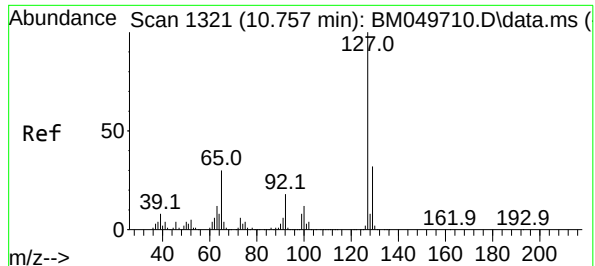
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#32
Benzoic acid
Concen: 42.940 ng
RT: 9.928 min Scan# 1180
Delta R.T. 0.018 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

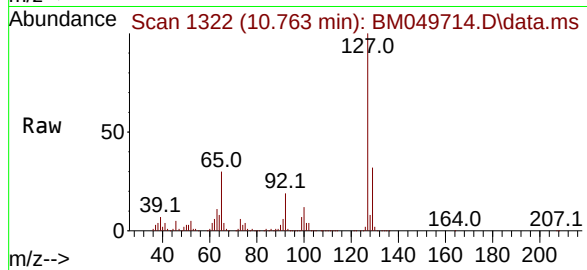
Tgt Ion:122 Resp: 497601
Ion Ratio Lower Upper
122 100
105 122.5 105.6 145.6
77 95.0 76.9 116.9





#33
4-Chloroaniline
Concen: 40.318 ng
RT: 10.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

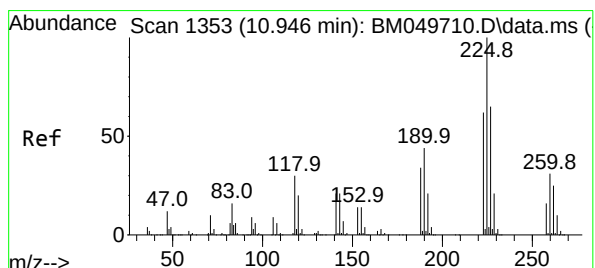
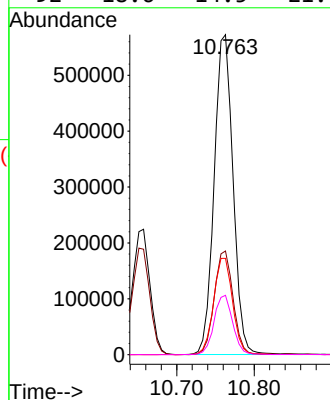
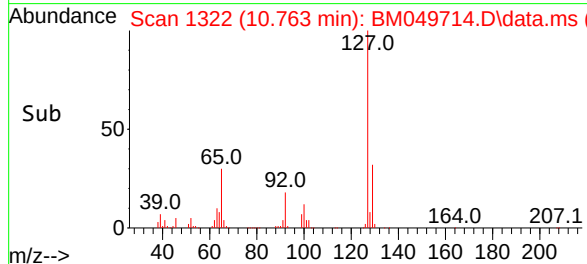
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:127 Resp: 968932
Ion Ratio Lower Upper
127 100
129 32.4 25.7 38.5
65 30.1 24.1 36.1
92 18.6 14.5 21.7

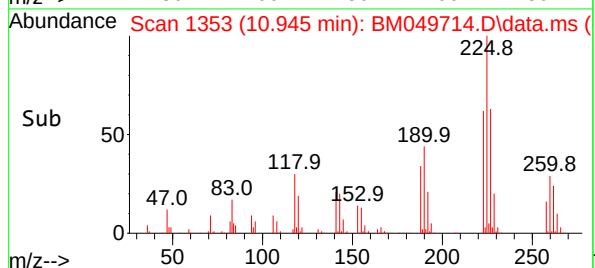
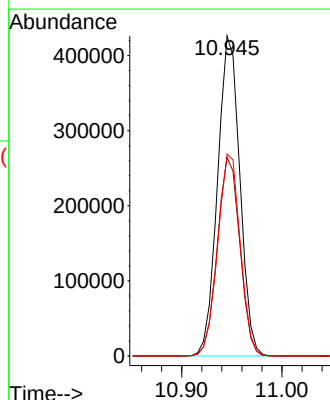
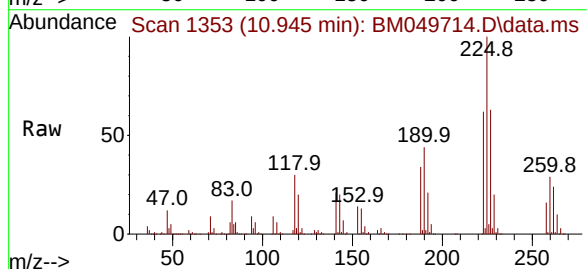
Manual Integrations
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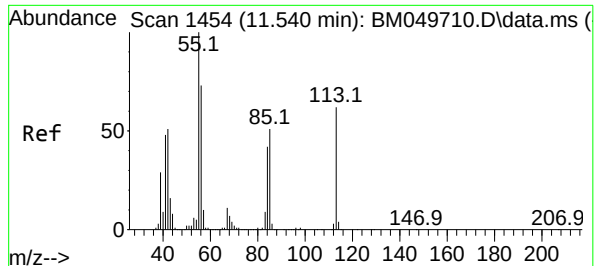
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#34
Hexachlorobutadiene
Concen: 38.204 ng
RT: 10.945 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

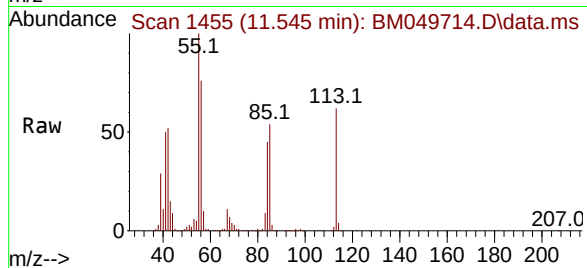
Tgt Ion:225 Resp: 655162
Ion Ratio Lower Upper
225 100
223 62.0 49.8 74.8
227 63.1 52.1 78.1





#35
Caprolactam
Concen: 43.119 ng
RT: 11.545 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

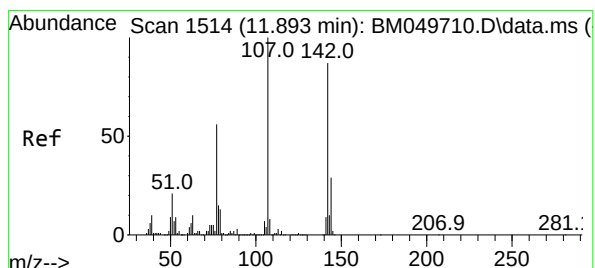
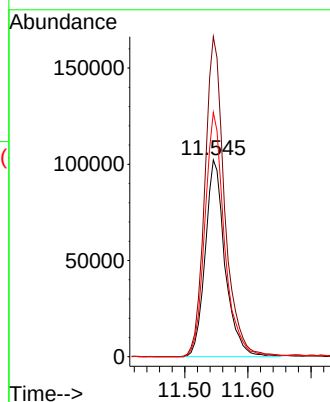
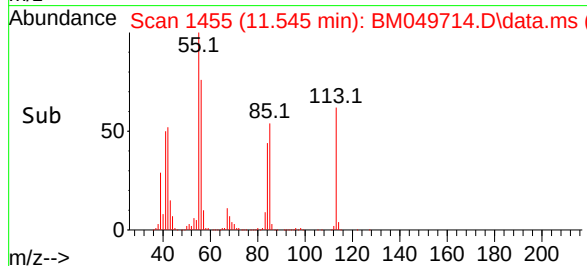
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:113 Resp: 22227
Ion Ratio Lower Upper
113 100
55 162.6 141.8 181.8
56 124.1 98.0 138.0

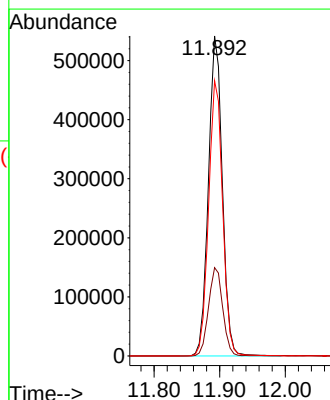
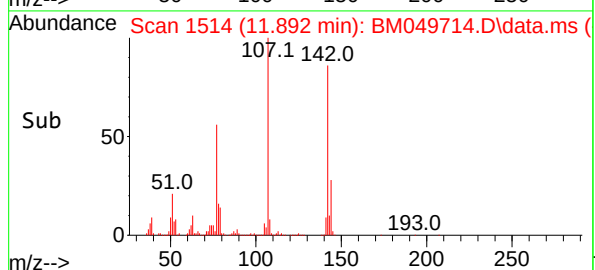
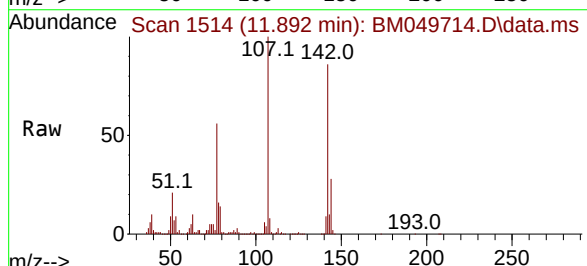
Manual Integrations
APPROVED

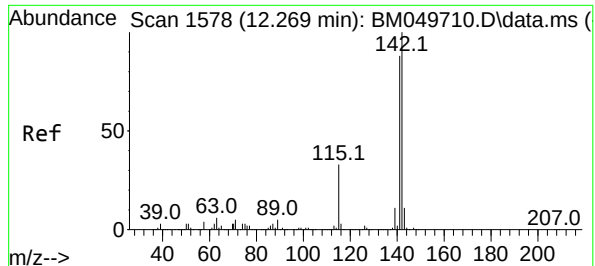
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#36
4-Chloro-3-methylphenol
Concen: 42.022 ng
RT: 11.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

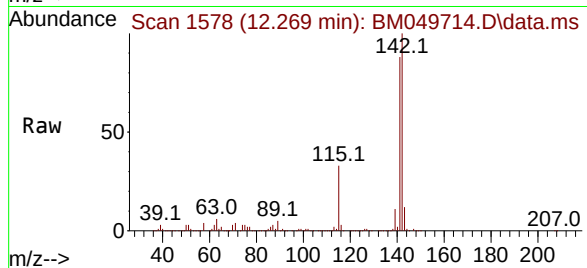
Tgt Ion:107 Resp: 800680
Ion Ratio Lower Upper
107 100
144 27.6 23.0 34.6
142 86.0 69.8 104.8





#37
2-Methylnaphthalene
Concen: 39.933 ng
RT: 12.269 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

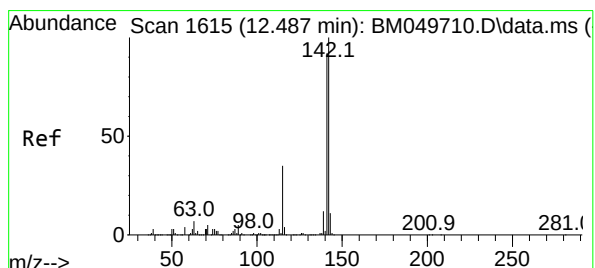
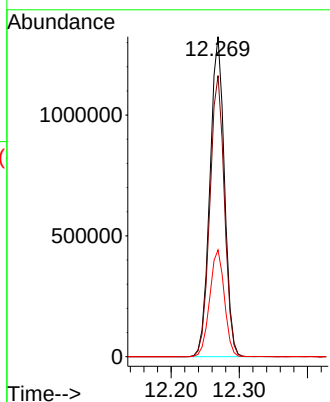
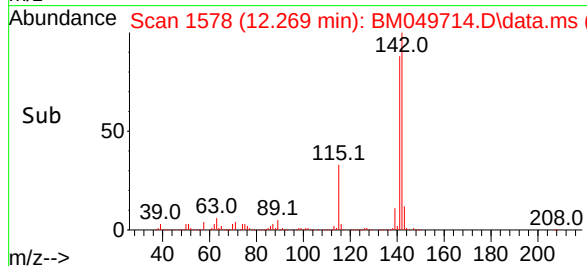
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



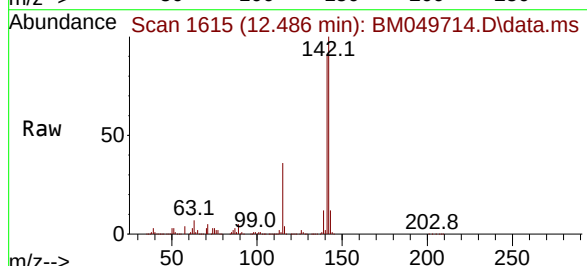
Tgt Ion:142 Resp: 1966254
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7
115 33.3 26.5 39.7

Manual Integrations
APPROVED

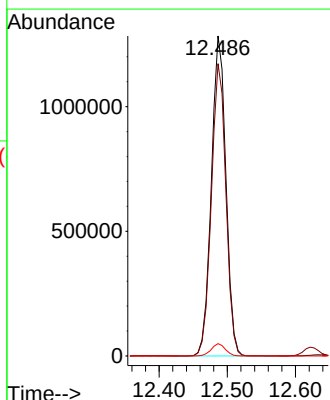
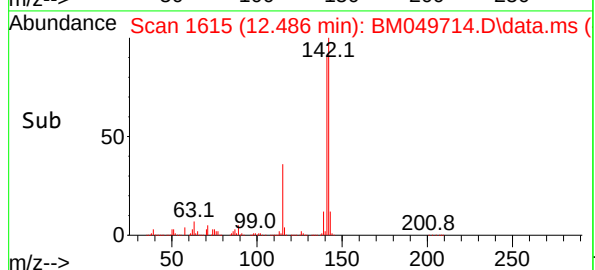
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

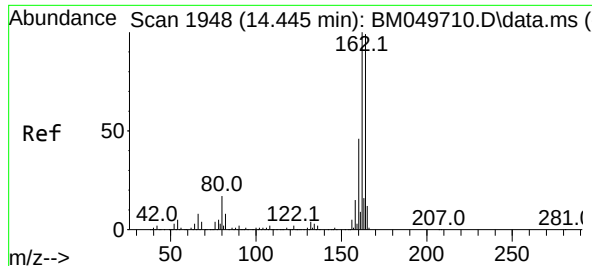


#38
1-Methylnaphthalene
Concen: 40.096 ng
RT: 12.486 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41



Tgt Ion:142 Resp: 1904818
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2
116 3.8 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1949

Delta R.T. 0.006 min

Lab File: BM049714.D

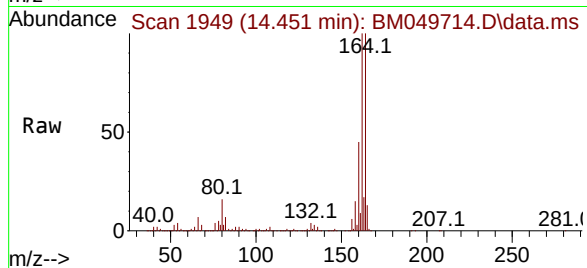
Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325



Tgt Ion:164 Resp: 852294

Ion Ratio Lower Upper

164 100

162 100.0 80.5 120.7

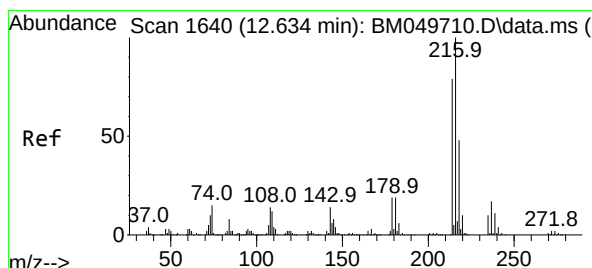
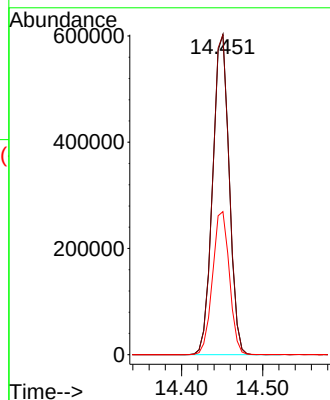
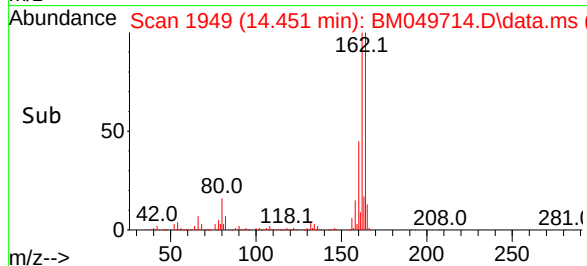
160 44.7 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.890 ng

RT: 12.639 min Scan# 1641

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Tgt Ion:216 Resp: 1217494

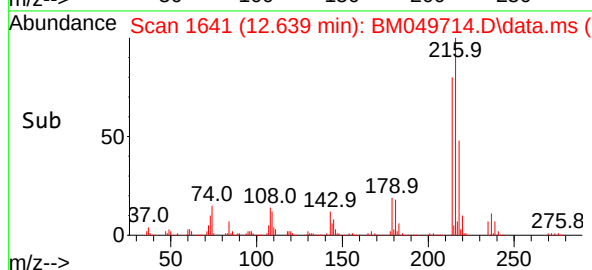
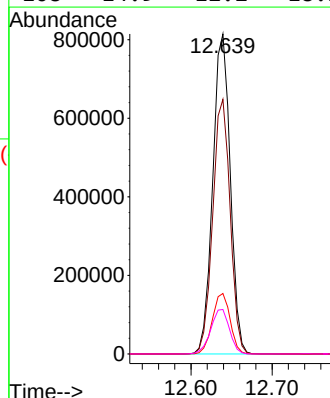
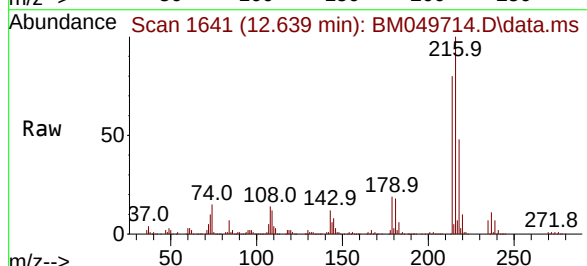
Ion Ratio Lower Upper

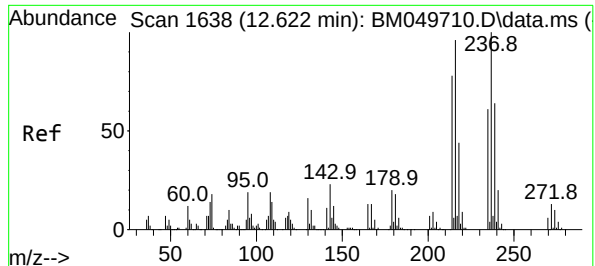
216 100

214 79.3 63.5 95.3

179 19.2 15.7 23.5

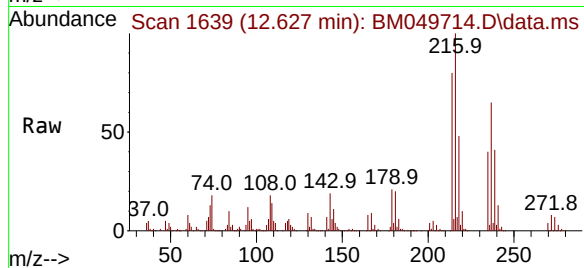
108 14.9 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 39.461 ng
RT: 12.627 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

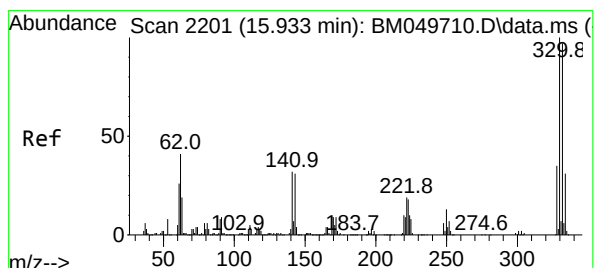
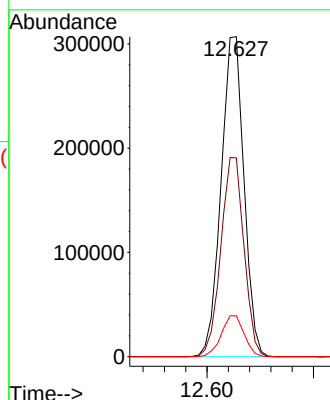
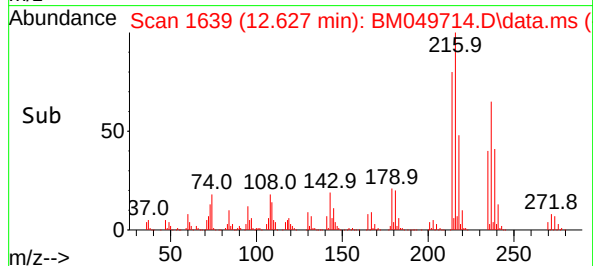
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



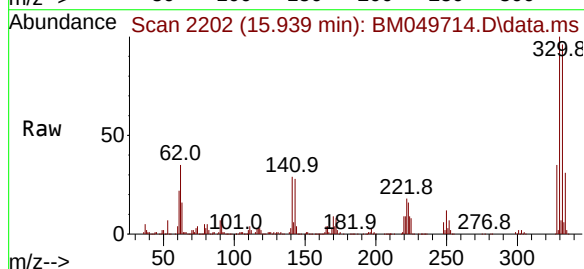
Tgt Ion:237 Resp: 457660
Ion Ratio Lower Upper
237 100
235 62.1 41.1 81.1
272 12.8 0.0 32.5

Manual Integrations
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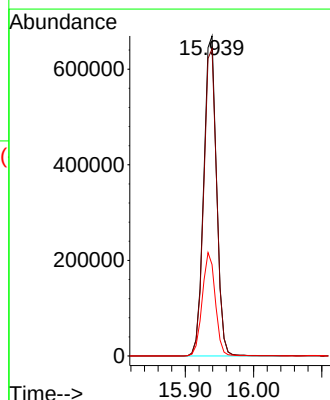
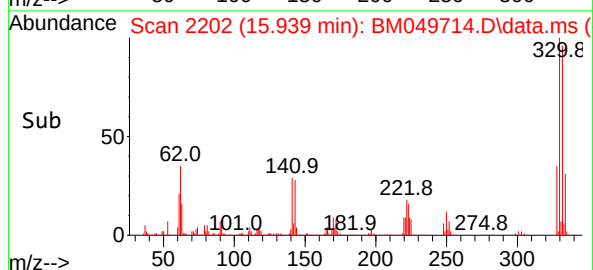
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

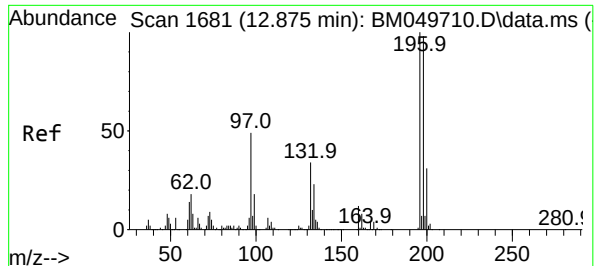


#42
2,4,6-Tribromophenol
Concen: 87.947 ng
RT: 15.939 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41



Tgt Ion:330 Resp: 875272
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 33.0 27.8 41.6





#43

2,4,6-Trichlorophenol

Concen: 41.087 ng

RT: 12.880 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM049714.D

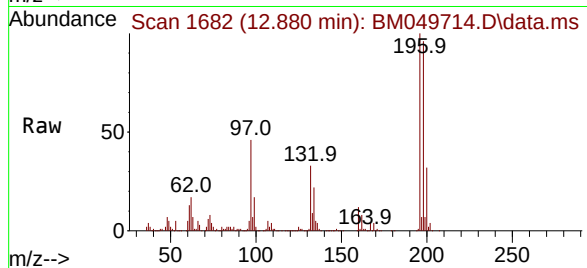
Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325



Tgt Ion:196 Resp: 72041

Ion Ratio Lower Upper

196 100

198 96.1 78.3 117.5

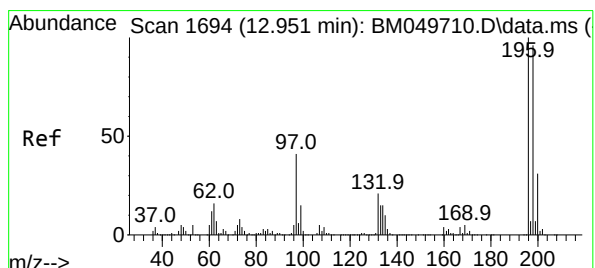
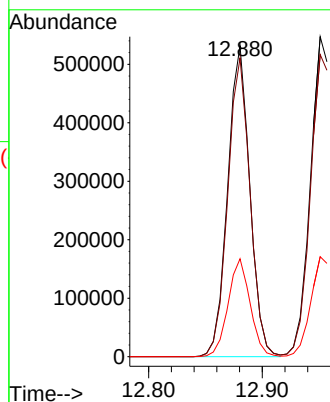
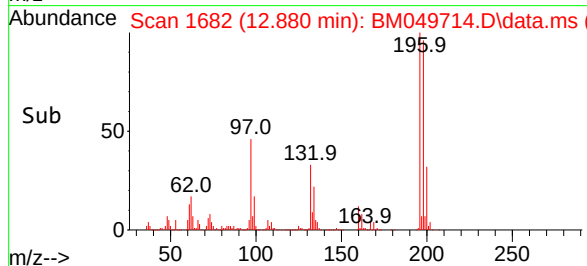
200 31.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#44

2,4,5-Trichlorophenol

Concen: 40.857 ng

RT: 12.951 min Scan# 1694

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Tgt Ion:196 Resp: 781740

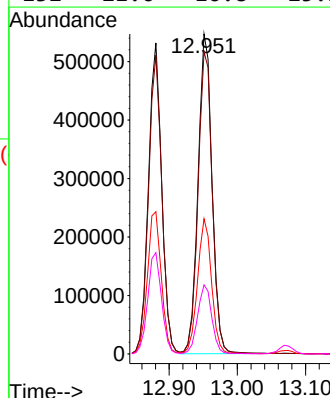
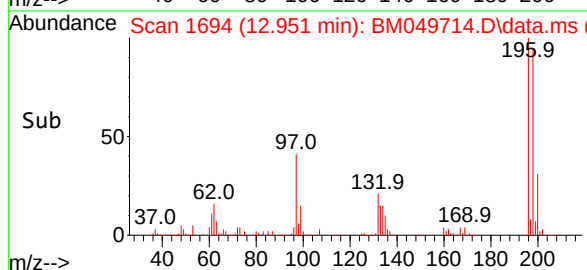
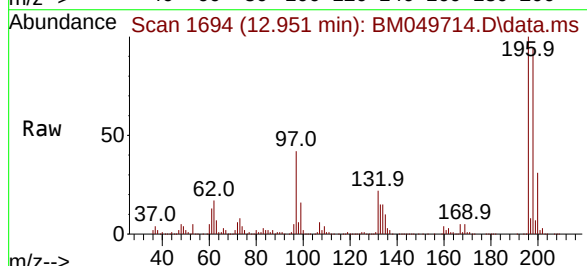
Ion Ratio Lower Upper

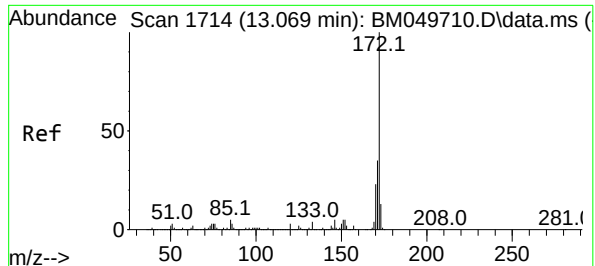
196 100

198 94.4 76.7 115.1

97 42.3 32.9 49.3

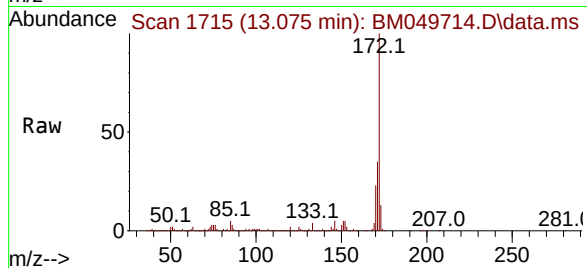
132 21.6 16.8 25.2





#45
2-Fluorobiphenyl
Concen: 78.993 ng
RT: 13.075 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

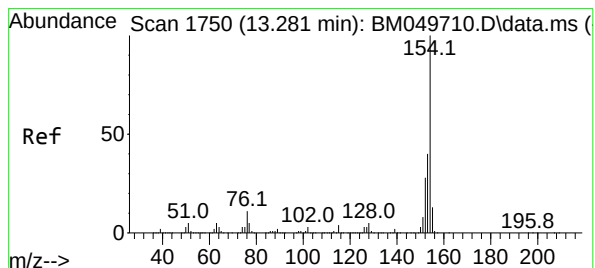
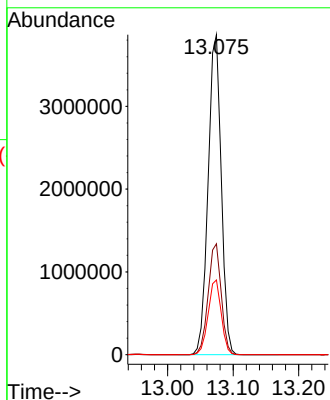
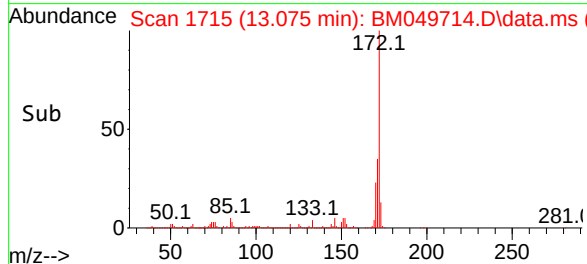
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:172 Resp: 5375823
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.3 18.6 28.0

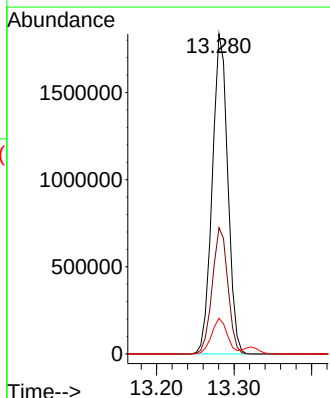
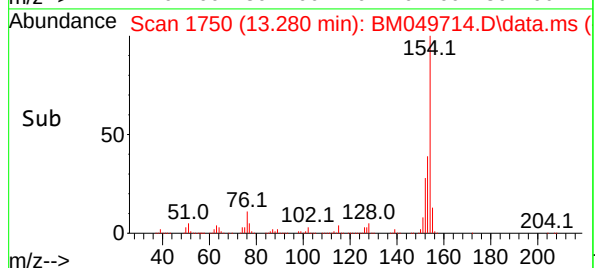
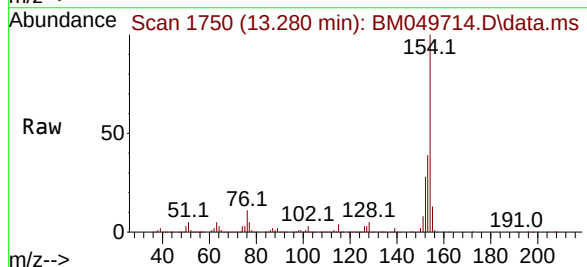
Manual Integrations
APPROVED

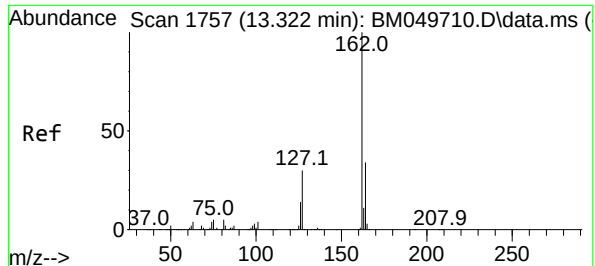
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#46
1,1'-Biphenyl
Concen: 38.855 ng
RT: 13.280 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

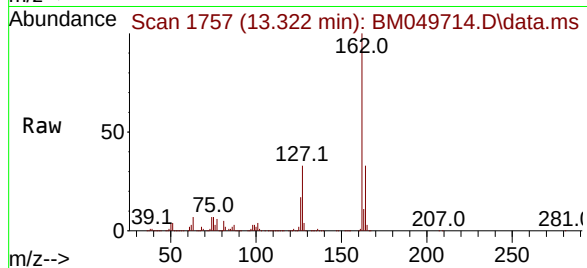
Tgt Ion:154 Resp: 2552259
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 11.1 0.0 31.2





#47
2-Chloronaphthalene
Concen: 38.600 ng
RT: 13.322 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

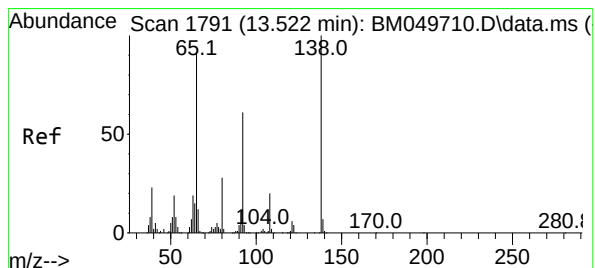
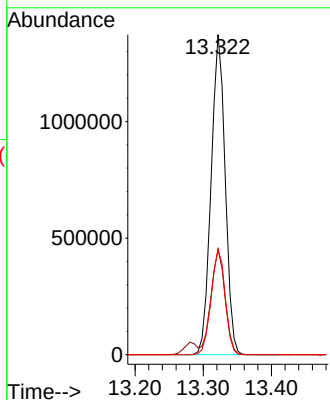
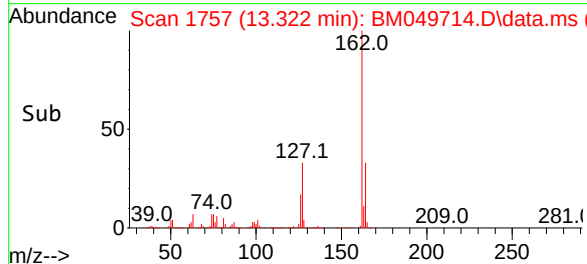
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:162 Resp: 197355
Ion Ratio Lower Upper
162 100
127 32.9 25.8 38.6
164 33.0 27.1 40.7

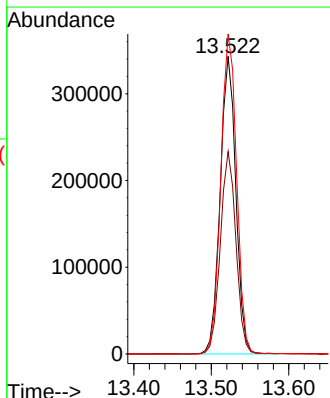
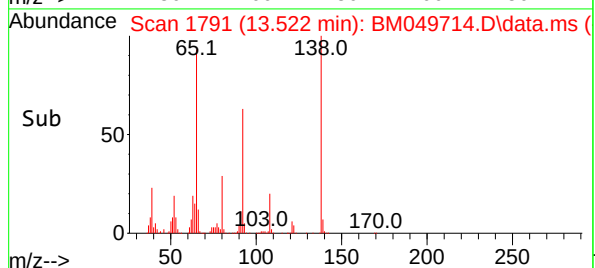
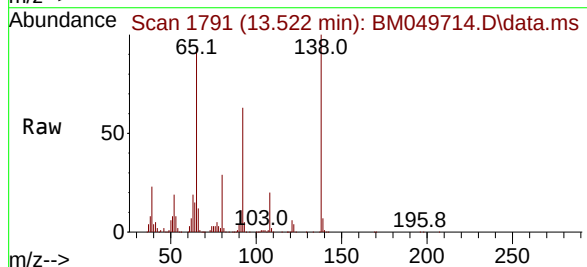
Manual Integrations
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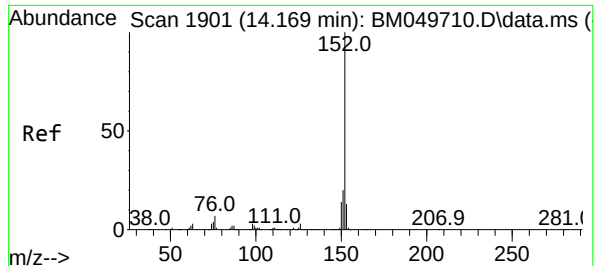
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#48
2-Nitroaniline
Concen: 42.046 ng
RT: 13.522 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

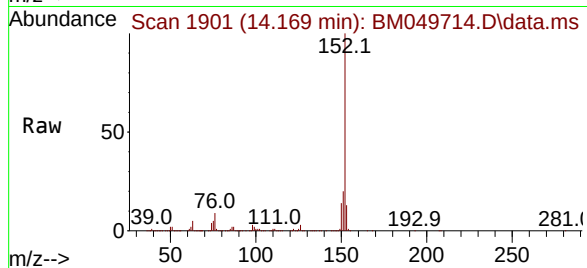
Tgt Ion: 65 Resp: 482592
Ion Ratio Lower Upper
65 100
92 68.0 53.4 80.2
138 107.5 87.6 131.4





#49
Acenaphthylene
Concen: 39.705 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

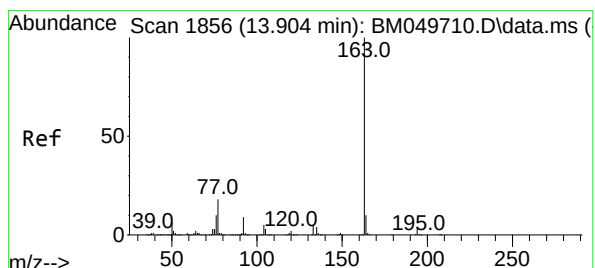
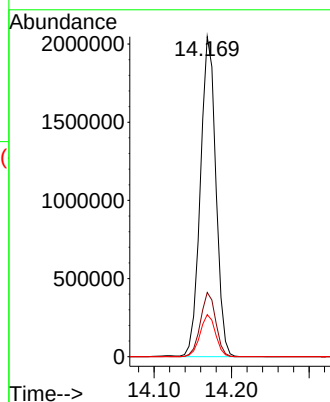
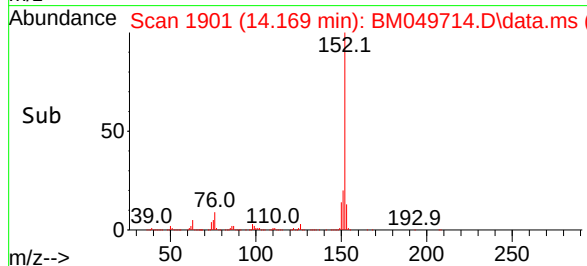
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:152 Resp: 2837570
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.2 10.2 15.4

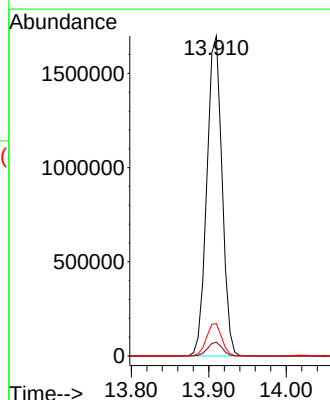
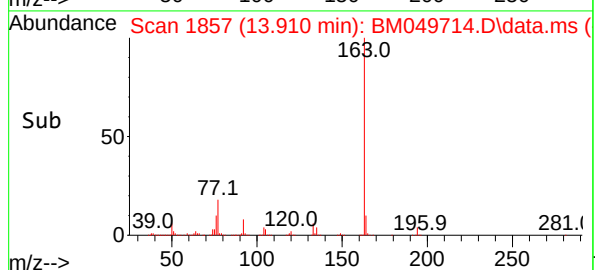
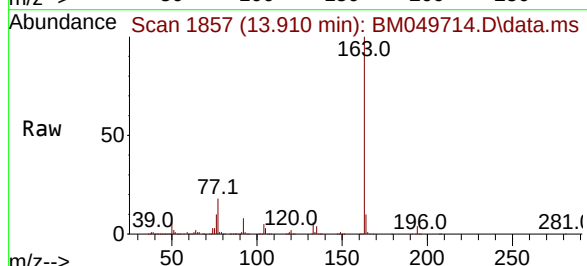
Manual Integrations
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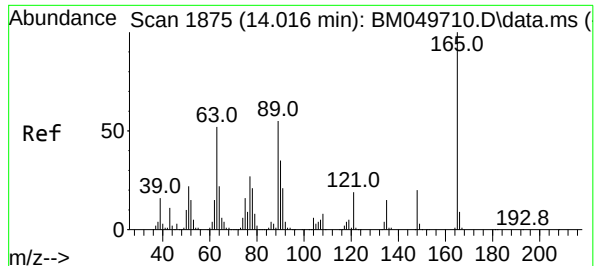
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#50
Dimethylphthalate
Concen: 39.312 ng
RT: 13.910 min Scan# 1857
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:163 Resp: 2306806
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.1 8.2 12.2





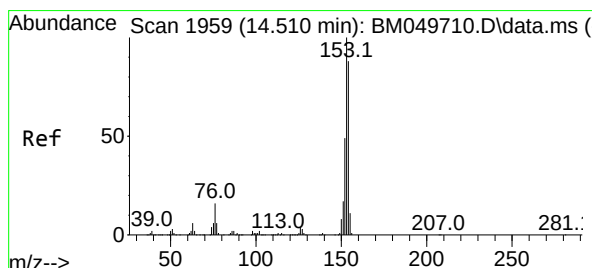
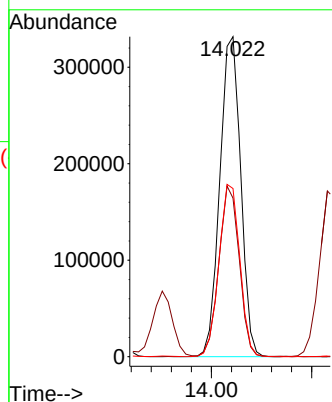
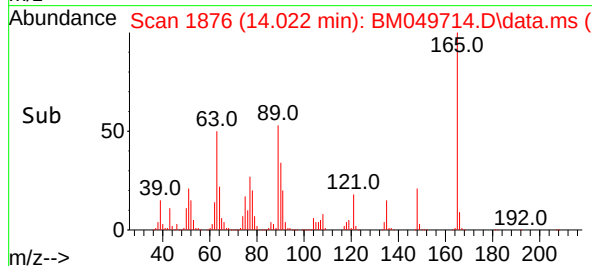
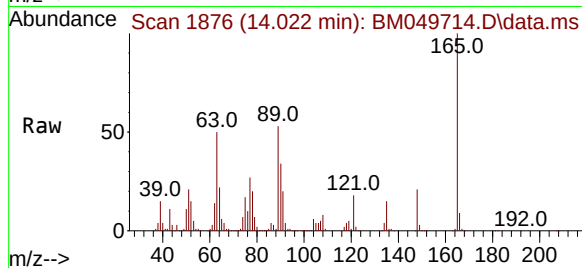
#51
2,6-Dinitrotoluene
Concen: 40.774 ng
RT: 14.022 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Instrument :
BNA_M
ClientSampleId :
ICVBM031325

Tgt Ion:165 Resp: 479409
Ion Ratio Lower Upper
165 100
63 49.6 42.3 63.5
89 52.6 43.9 65.9

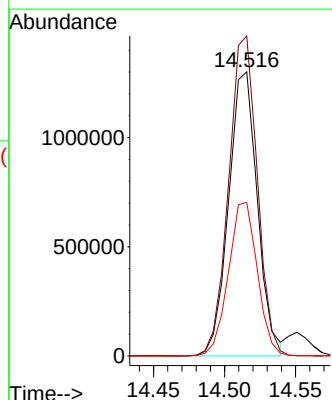
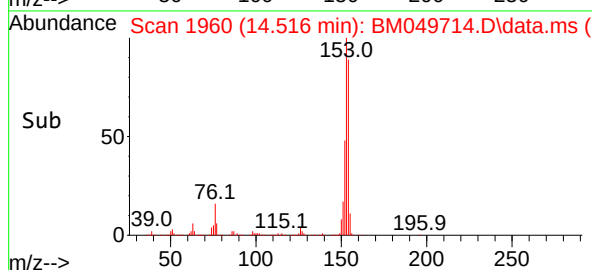
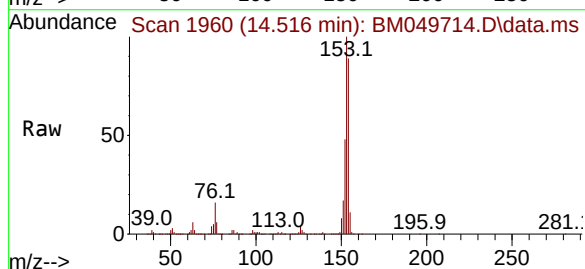
Manual Integrations
APPROVED

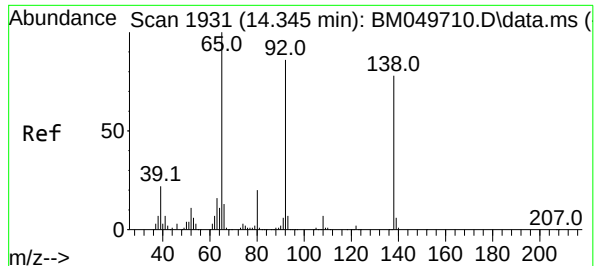
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#52
Acenaphthene
Concen: 39.236 ng
RT: 14.516 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

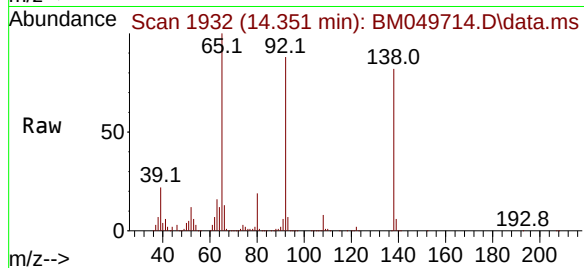
Tgt Ion:154 Resp: 1839291
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 54.1 44.2 66.2





#53
3-Nitroaniline
Concen: 41.671 ng
RT: 14.351 min Scan# 1931
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

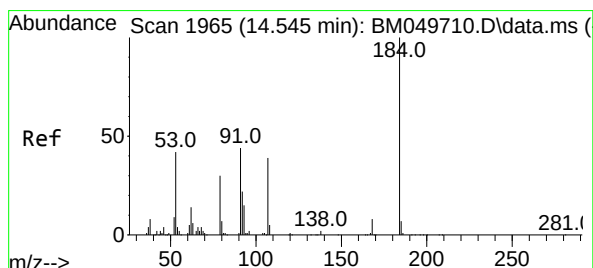
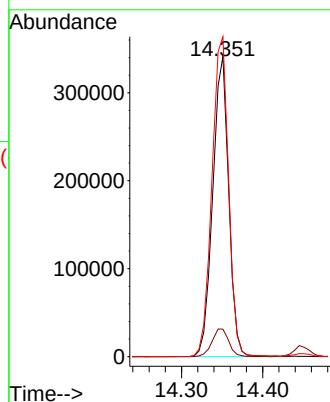
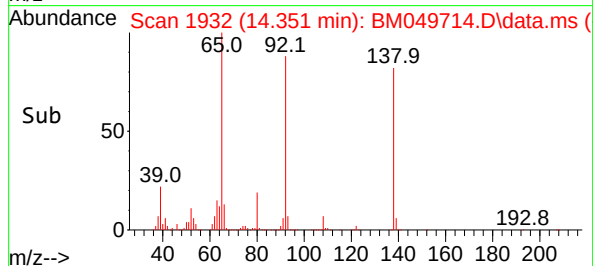
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:138 Resp: 46624
Ion Ratio Lower Upper
138 100
108 9.2 7.5 11.3
92 106.6 88.0 132.0

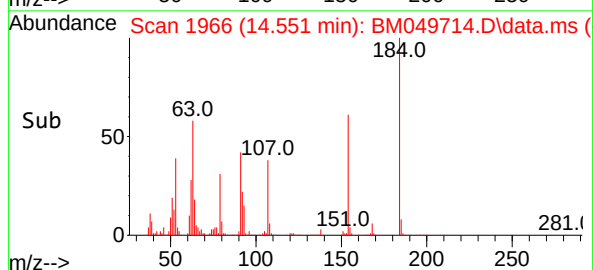
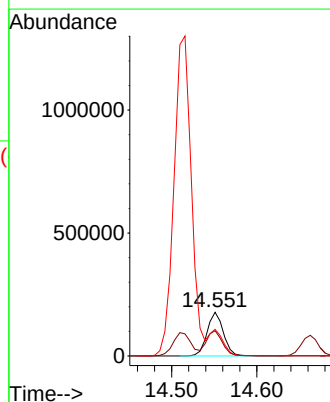
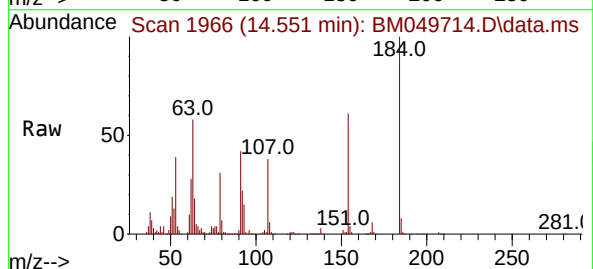
Manual Integrations
APPROVED

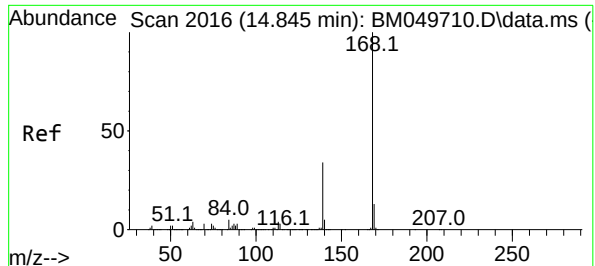
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#54
2,4-Dinitrophenol
Concen: 40.645 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:184 Resp: 235915
Ion Ratio Lower Upper
184 100
63 58.0 47.2 70.8
154 60.9 49.9 74.9





#55

Dibenzenofuran

Concen: 38.878 ng

RT: 14.845 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

Tgt Ion:168 Resp: 303690

Ion Ratio Lower Upper

168 100

139 34.1 27.4 41.0

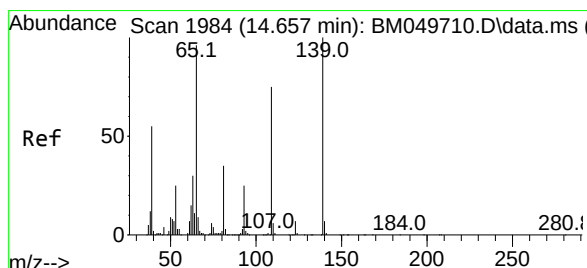
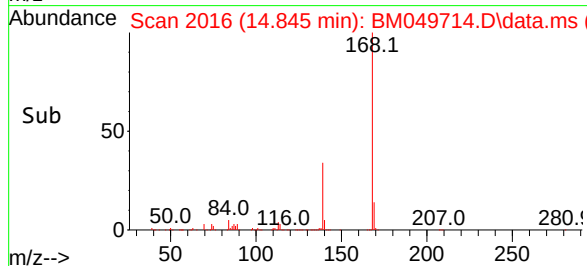
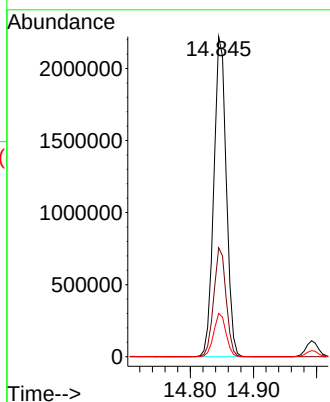
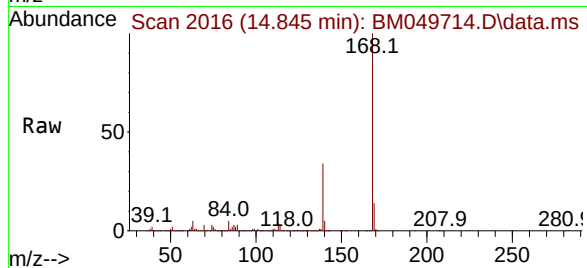
169 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#56

4-Nitrophenol

Concen: 39.814 ng

RT: 14.663 min Scan# 1985

Delta R.T. 0.006 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

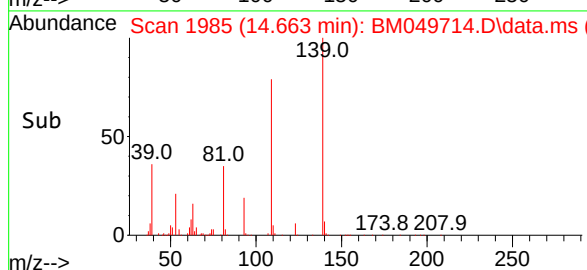
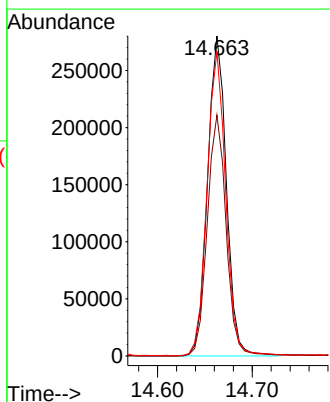
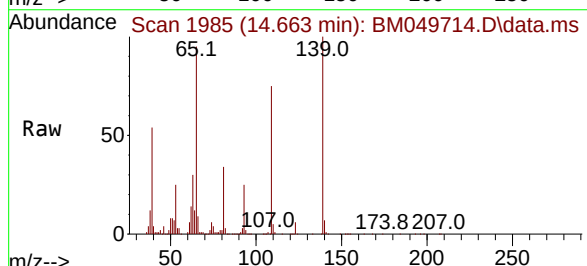
Tgt Ion:139 Resp: 387757

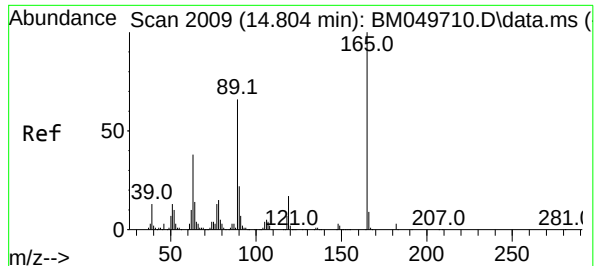
Ion Ratio Lower Upper

139 100

109 75.3 54.7 94.7

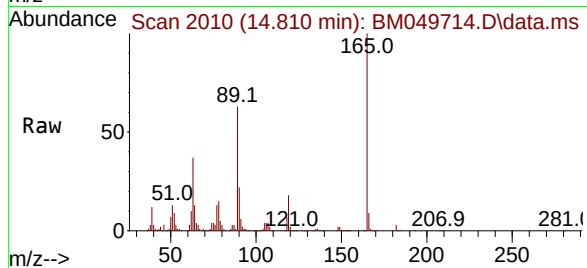
65 95.2 76.2 116.2





#57
2,4-Dinitrotoluene
Concen: 41.860 ng
RT: 14.810 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

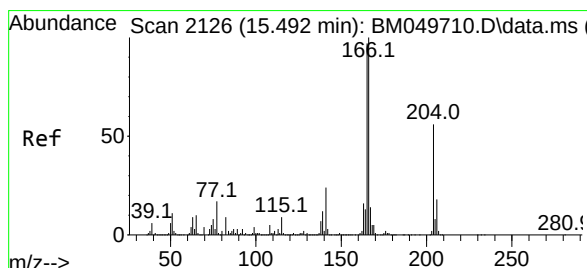
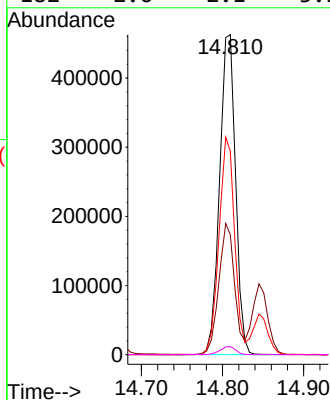
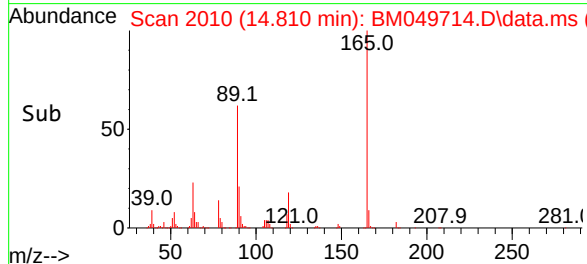
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:165 Resp: 63332
Ion Ratio Lower Upper
165 100
63 37.5 30.8 46.2
89 63.5 53.1 79.7
182 2.6 2.1 3.1

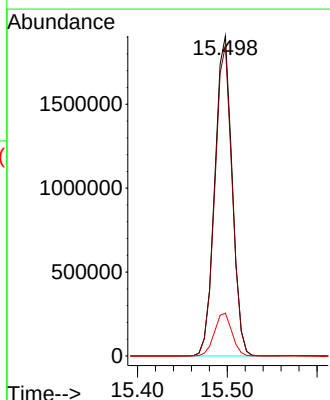
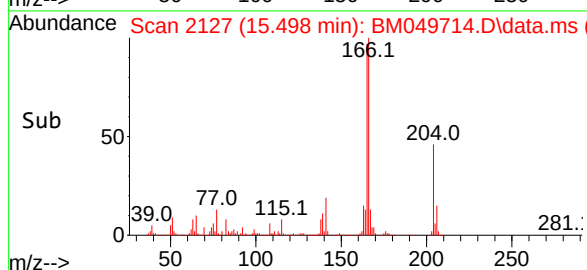
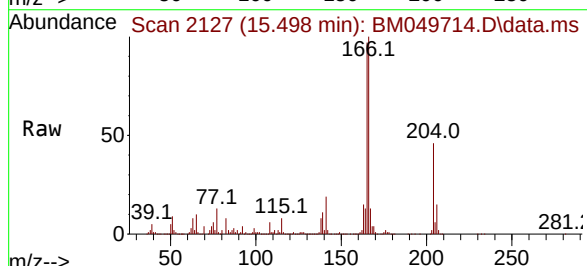
Manual Integrations
APPROVED

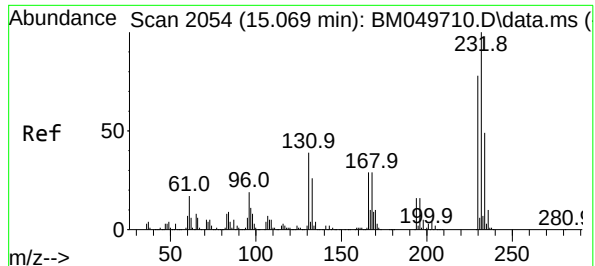
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#58
Fluorene
Concen: 40.133 ng
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

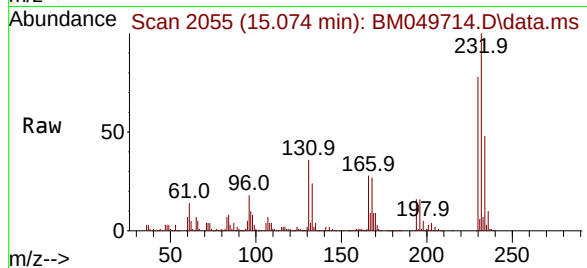
Tgt Ion:166 Resp: 2552375
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.187 ng
RT: 15.074 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

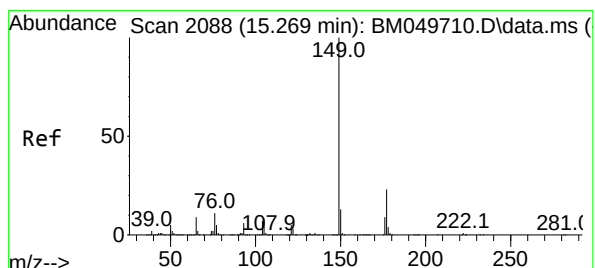
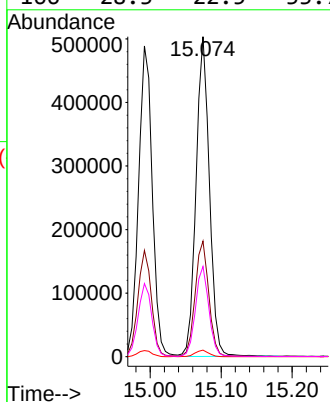
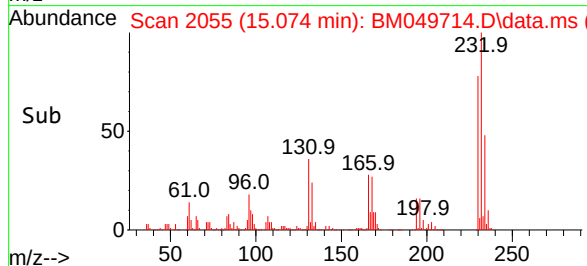
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:232 Resp: 65965
Ion Ratio Lower Upper
232 100
131 37.1 30.0 45.0
130 2.1 1.6 2.4
166 28.3 22.5 33.7

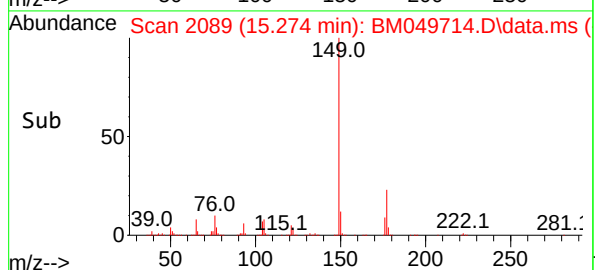
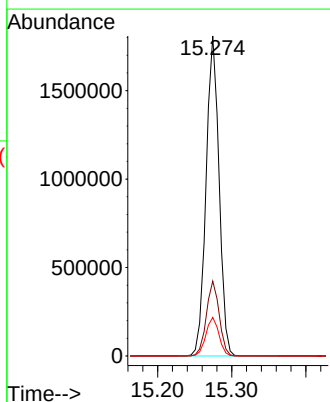
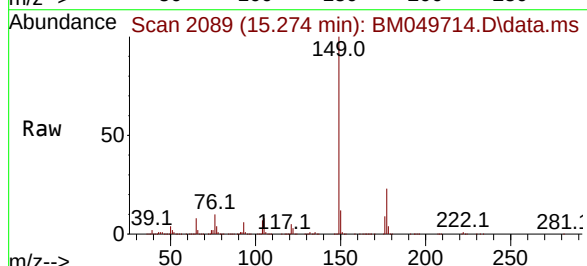
Manual Integrations
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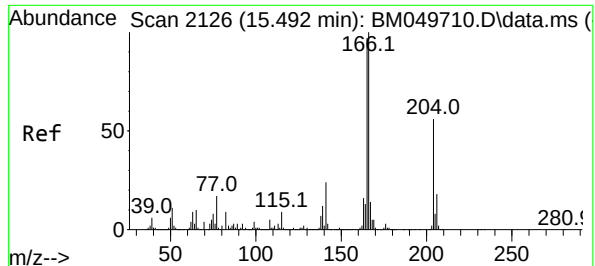
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#60
Diethylphthalate
Concen: 39.848 ng
RT: 15.274 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

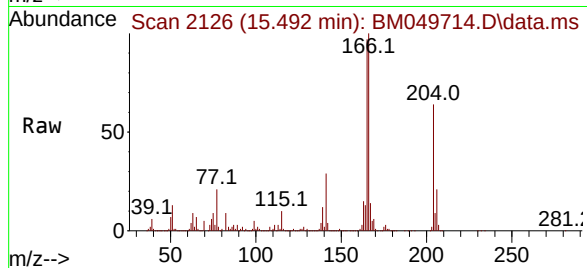
Tgt Ion:149 Resp: 2202259
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.2
150 12.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.997 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

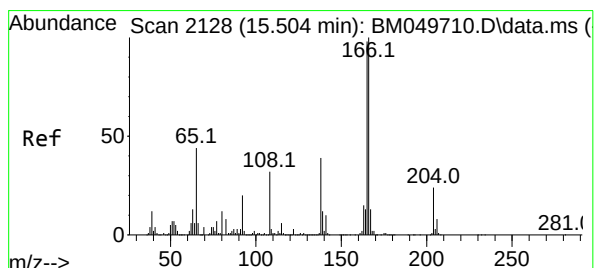
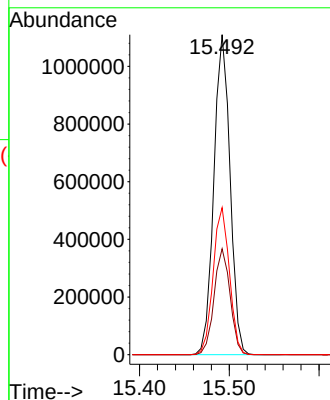
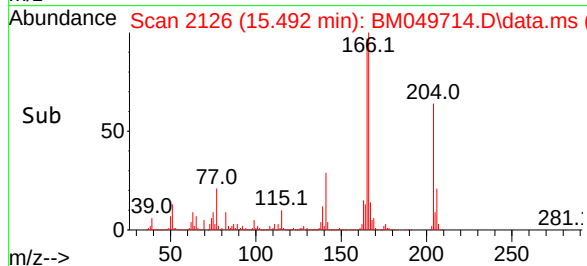
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



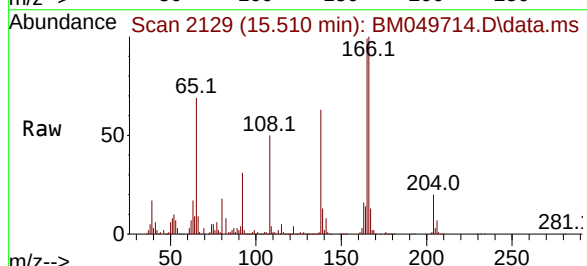
Tgt Ion:204 Resp: 138903
Ion Ratio Lower Upper
204 100
206 33.1 25.2 37.8
141 45.9 34.5 51.7

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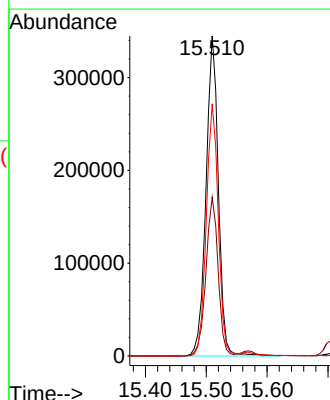
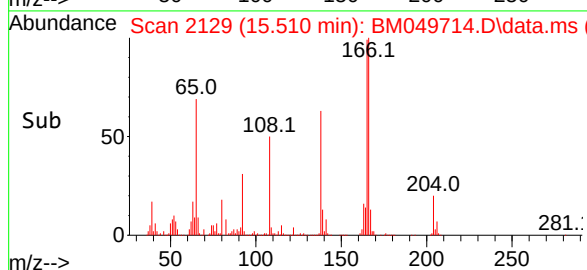
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

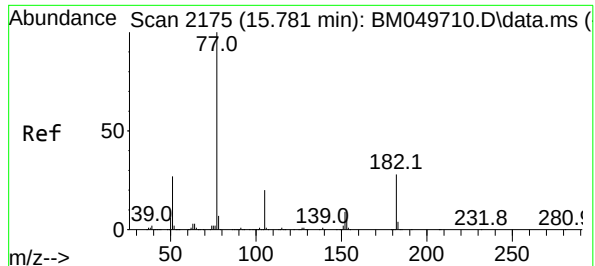


#62
4-Nitroaniline
Concen: 37.552 ng
RT: 15.510 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41



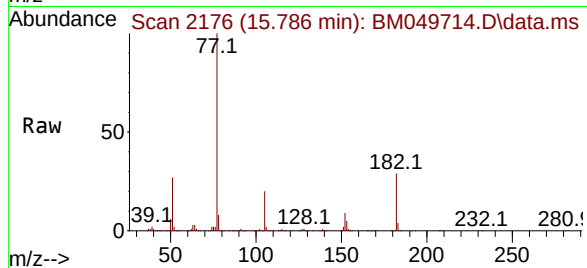
Tgt Ion:138 Resp: 488092
Ion Ratio Lower Upper
138 100
92 49.6 29.8 69.8
108 78.8 61.3 101.3





#63
Azobenzene
Concen: 39.634 ng
RT: 15.786 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

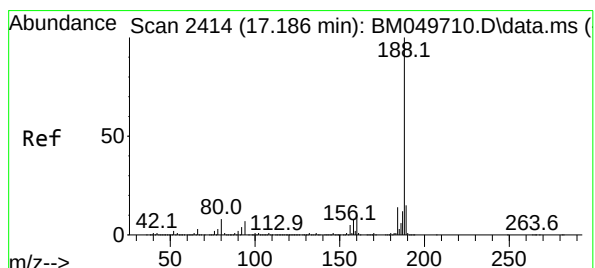
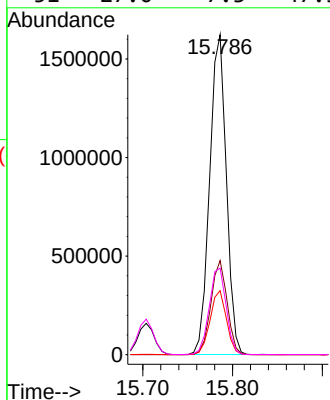
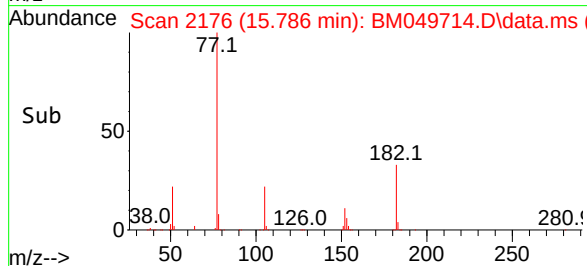
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



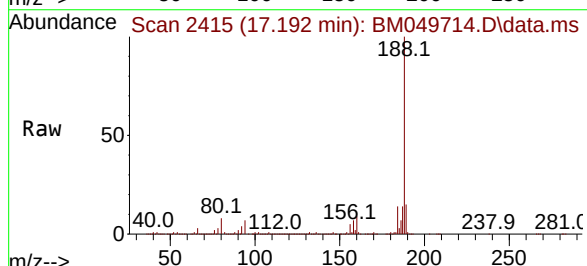
Tgt Ion: 77 Resp: 209222
Ion Ratio Lower Upper
77 100
182 29.4 8.0 48.0
105 20.0 0.0 40.0
51 27.0 7.3 47.3

Manual Integrations
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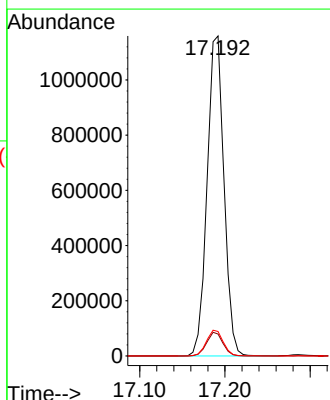
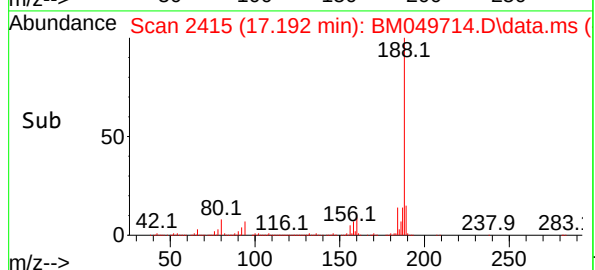
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

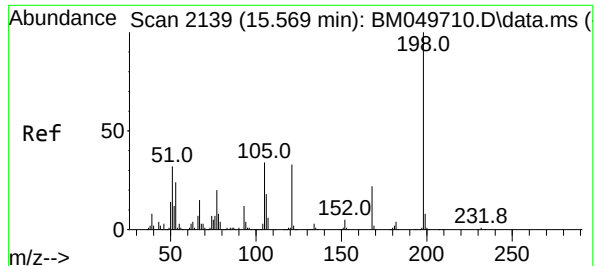


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41



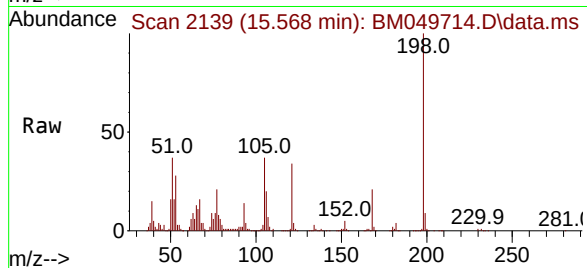
Tgt Ion:188 Resp: 1592582
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.6
80 7.7 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 40.710 ng
RT: 15.568 min Scan# 2139
Delta R.T. -0.001 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

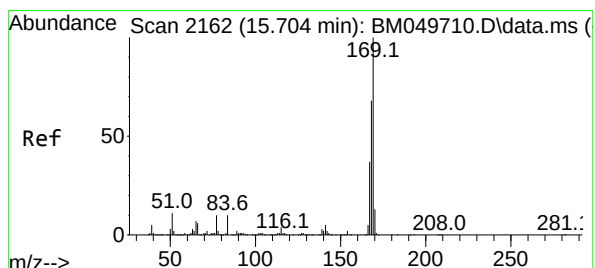
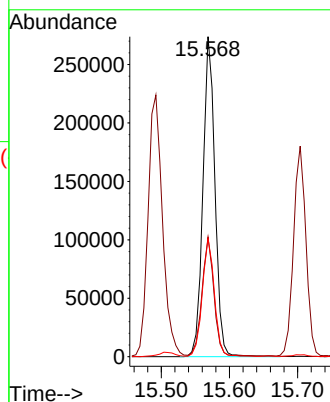
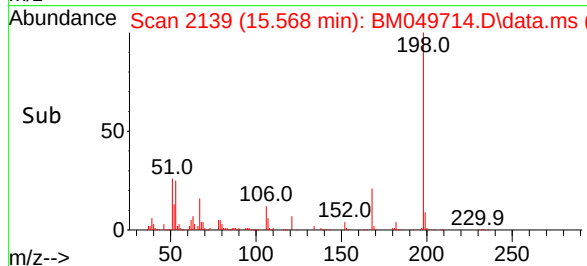
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:198 Resp: 33567
Ion Ratio Lower Upper
198 100
51 37.3 13.8 53.8
105 36.9 14.0 54.0

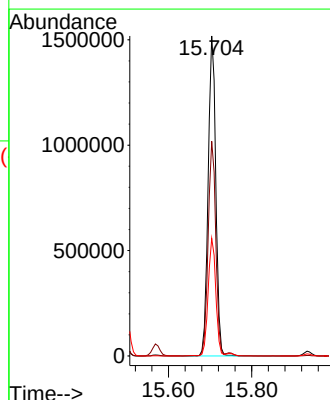
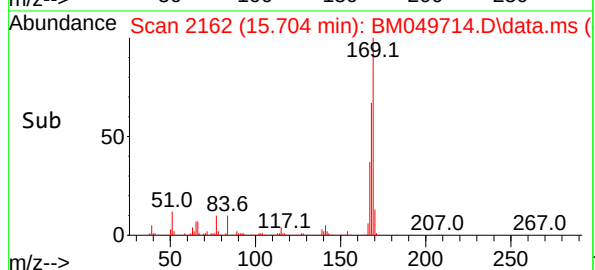
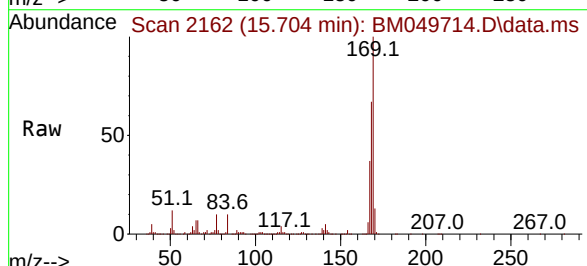
Manual Integrations
APPROVED

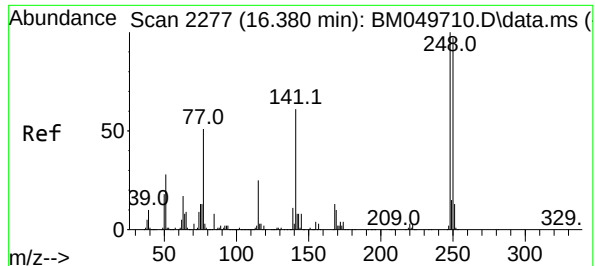
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#66
n-Nitrosodiphenylamine
Concen: 40.117 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

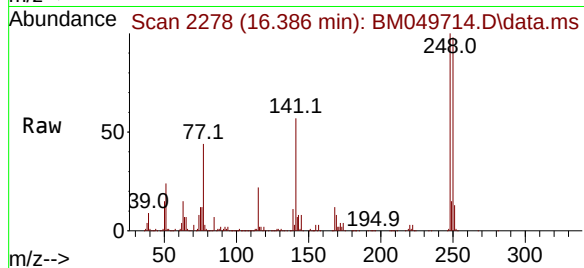
Tgt Ion:169 Resp: 1935702
Ion Ratio Lower Upper
169 100
168 67.1 54.8 82.2
167 36.7 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 39.881 ng
RT: 16.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

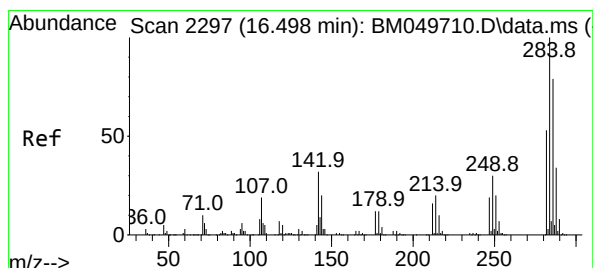
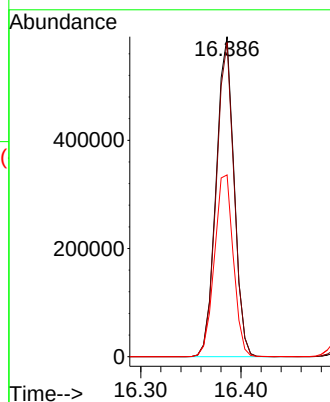
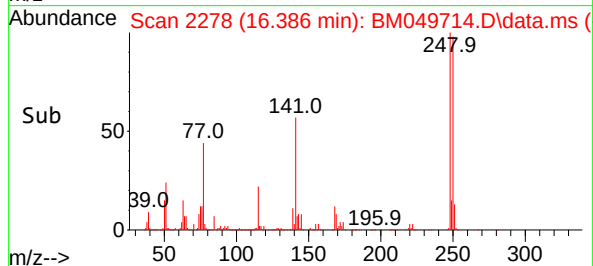
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



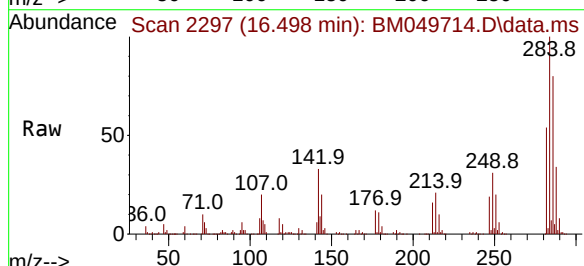
Tgt Ion:248 Resp: 733304
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 56.8 48.6 73.0

Manual Integrations
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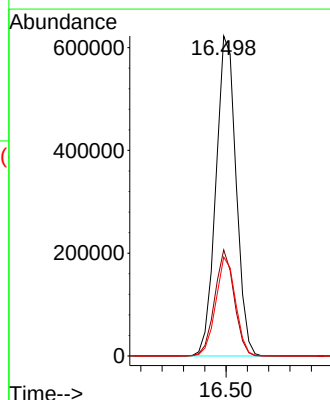
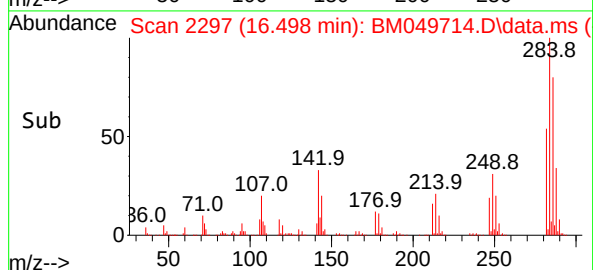
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

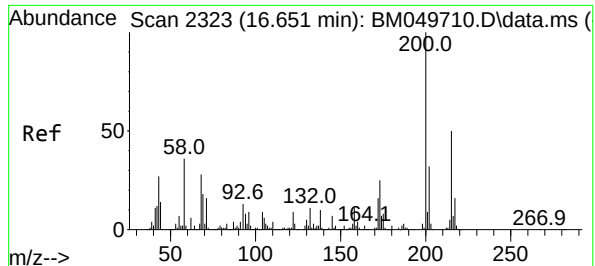


#68
Hexachlorobenzene
Concen: 39.511 ng
RT: 16.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41



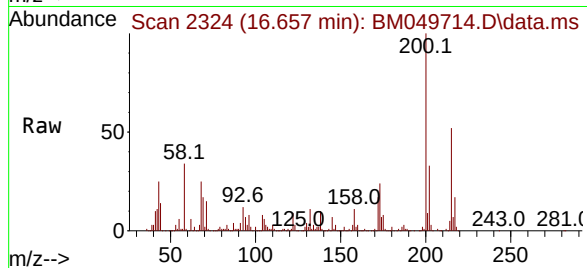
Tgt Ion:284 Resp: 816963
Ion Ratio Lower Upper
284 100
142 33.1 25.5 38.3
249 30.9 24.2 36.2





#69
 Atrazine
 Concen: 37.400 ng
 RT: 16.657 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM049714.D
 Acq: 13 Mar 2025 14:41

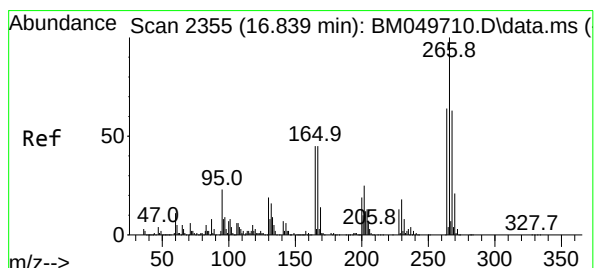
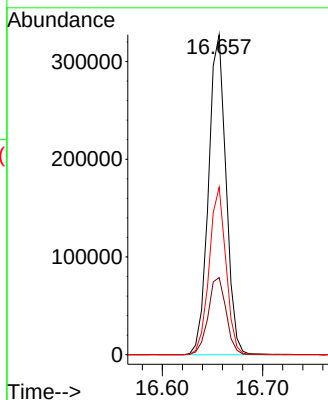
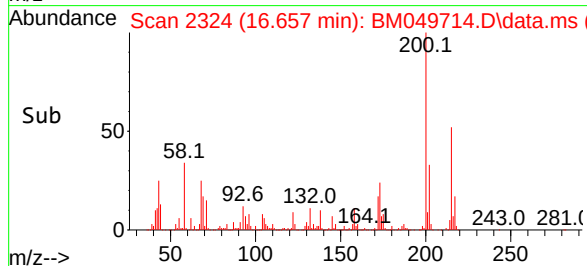
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031325



Tgt Ion:200 Resp: 397712
 Ion Ratio Lower Upper
 200 100
 173 24.1 5.4 45.4
 215 52.3 29.8 69.8

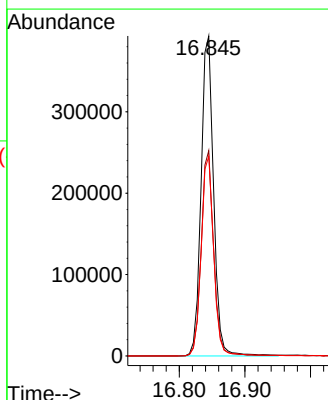
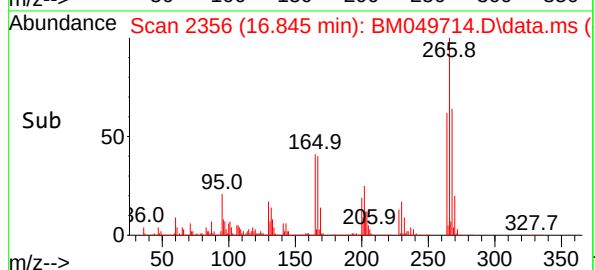
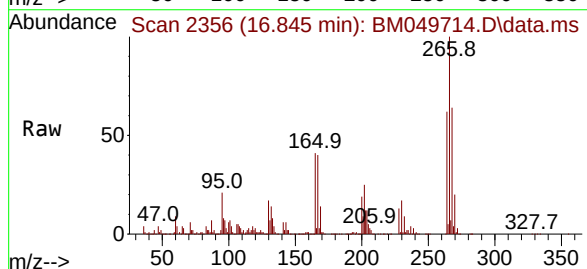
Manual Integrations
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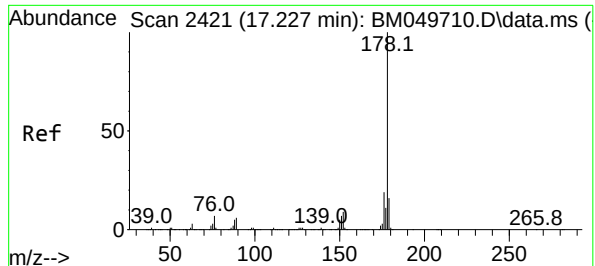
Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025



#70
 Pentachlorophenol
 Concen: 40.280 ng
 RT: 16.845 min Scan# 2356
 Delta R.T. 0.006 min
 Lab File: BM049714.D
 Acq: 13 Mar 2025 14:41

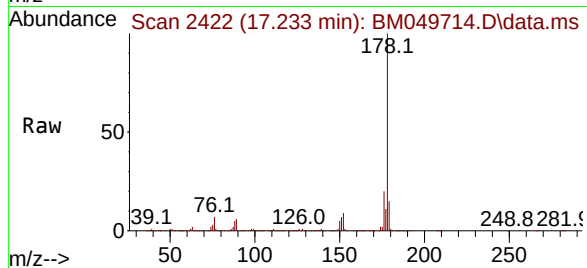
Tgt Ion:266 Resp: 523396
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.2 75.2
 264 62.4 51.3 76.9





#71
Phenanthrene
Concen: 39.603 ng
RT: 17.233 min Scan# 2421
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

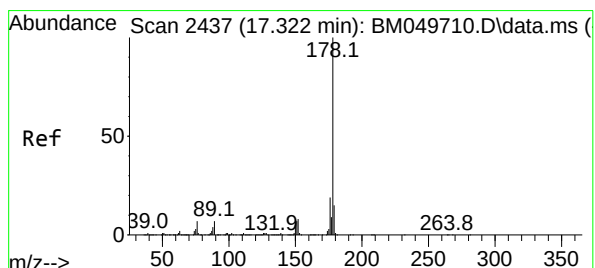
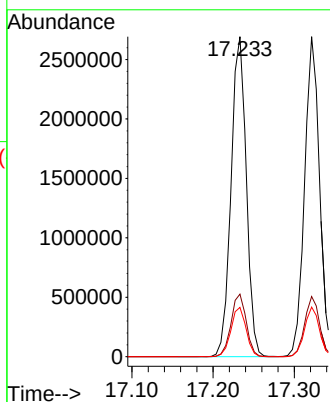
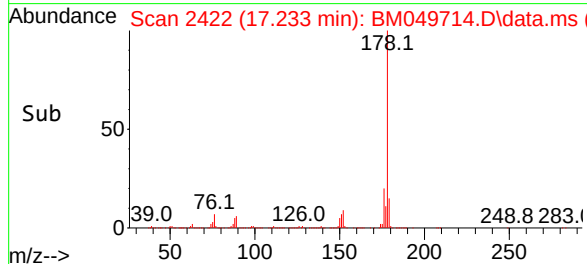
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:178 Resp: 350216
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.4 12.5 18.7

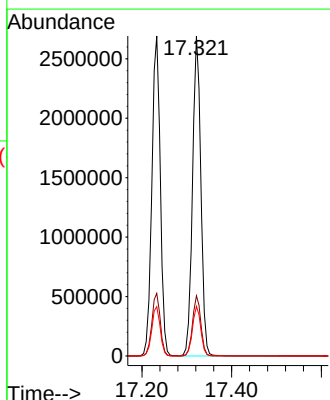
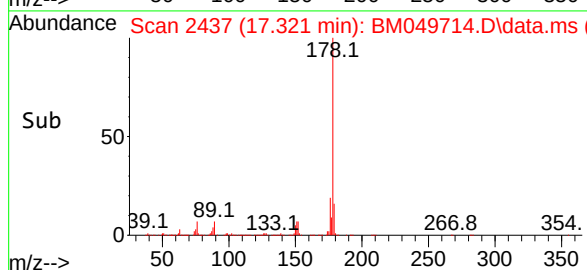
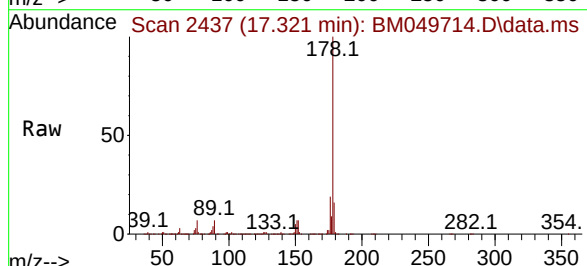
Manual Integrations
APPROVED

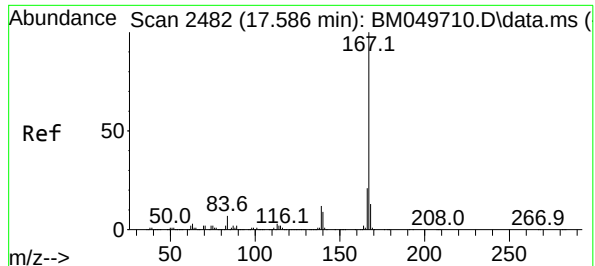
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#72
Anthracene
Concen: 40.434 ng
RT: 17.321 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

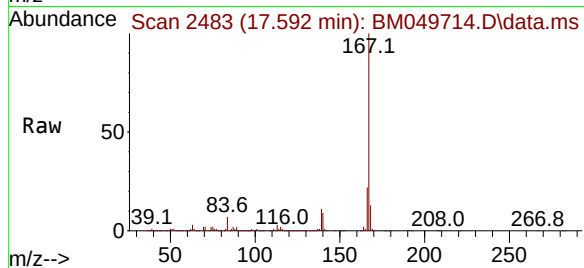
Tgt Ion:178 Resp: 3462856
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.5 12.4 18.6





#73
Carbazole
Concen: 39.814 ng
RT: 17.592 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

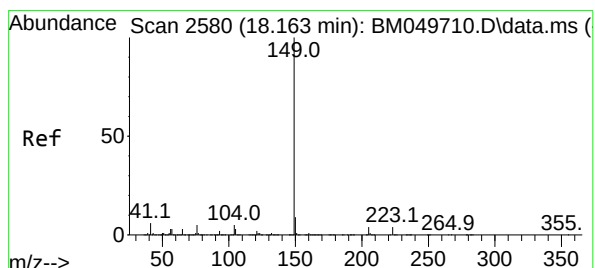
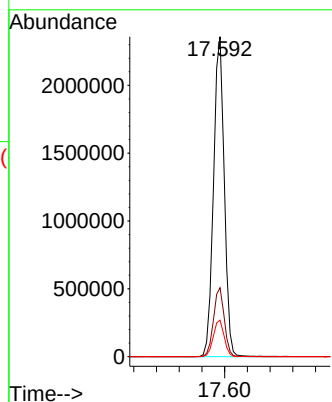
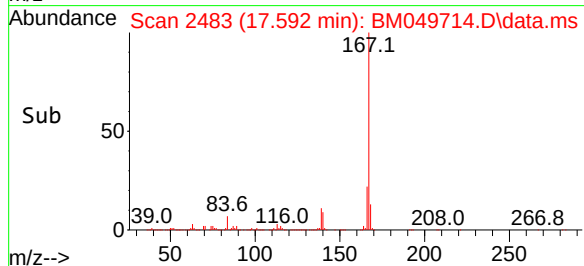
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:167 Resp: 3088050
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 11.4 9.4 14.2

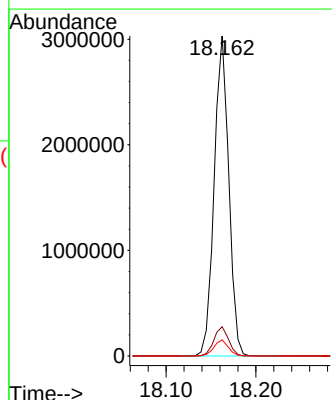
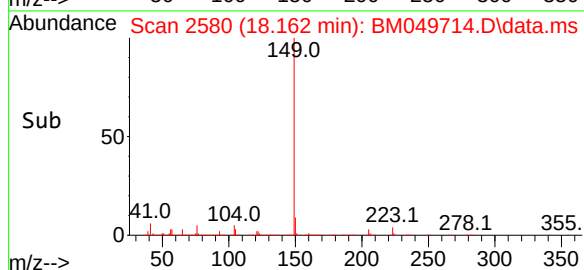
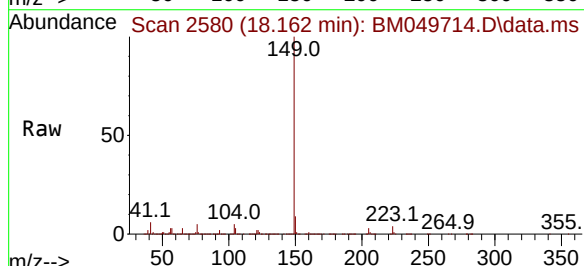
Manual Integrations
APPROVED

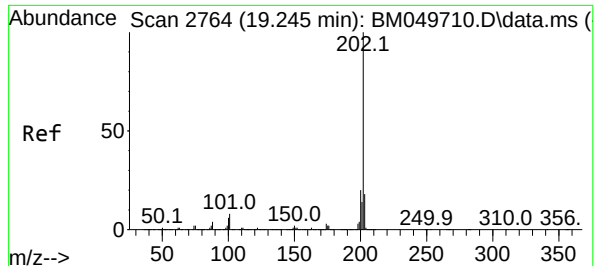
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#74
Di-n-butylphthalate
Concen: 40.175 ng
RT: 18.162 min Scan# 2580
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

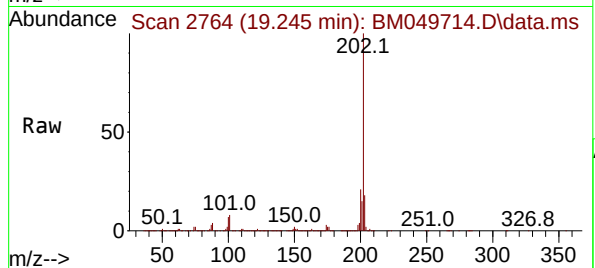
Tgt Ion:149 Resp: 3415276
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 40.255 ng
RT: 19.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

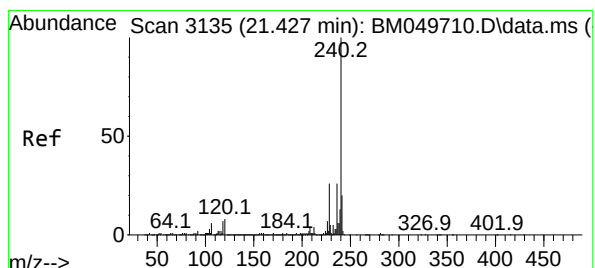
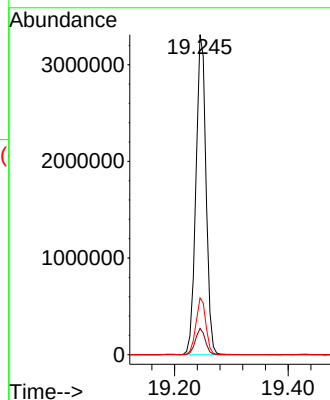
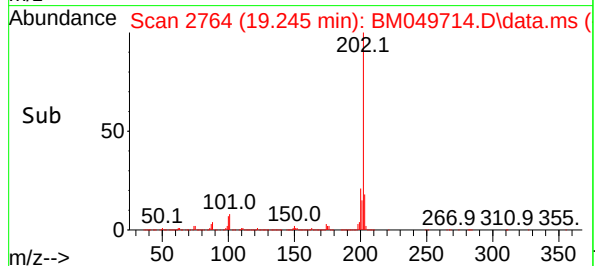
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:202 Resp: 409845
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.8
203 17.8 0.0 37.6

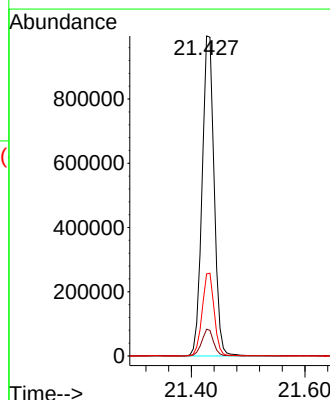
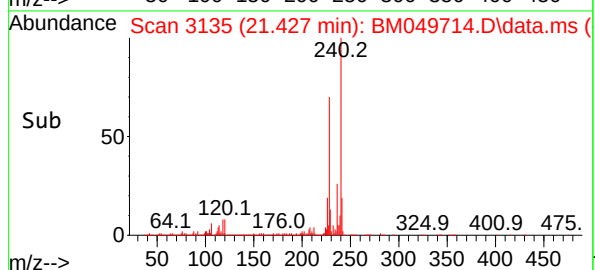
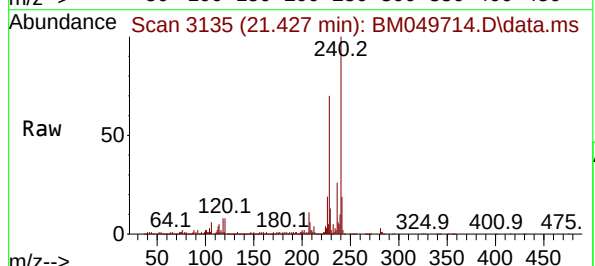
Manual Integrations
APPROVED

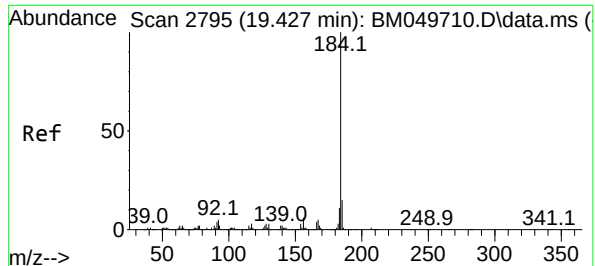
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

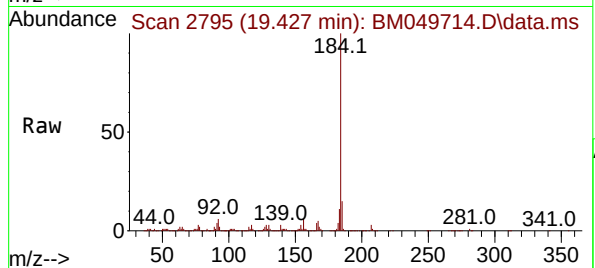
Tgt Ion:240 Resp: 1466147
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 25.7 20.7 31.1





#77
Benzidine
Concen: 48.932 ng
RT: 19.427 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

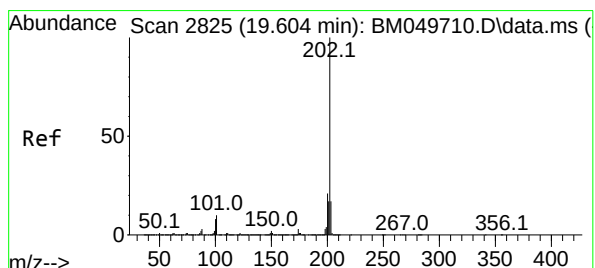
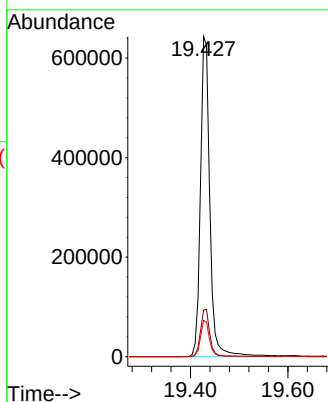
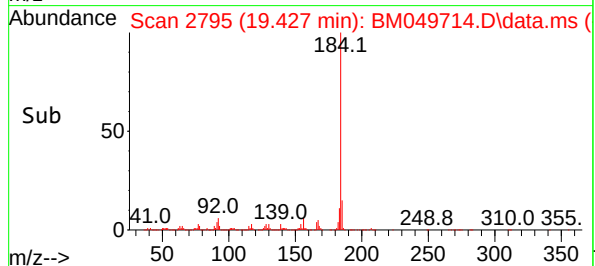
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:184 Resp: 861900
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.3 8.8 13.2

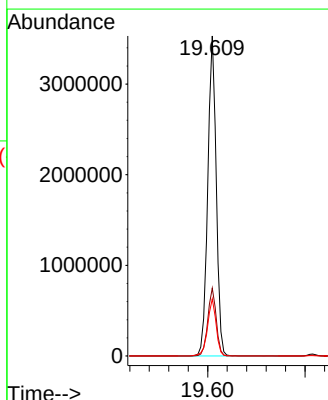
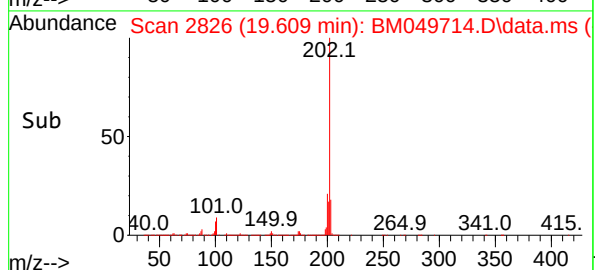
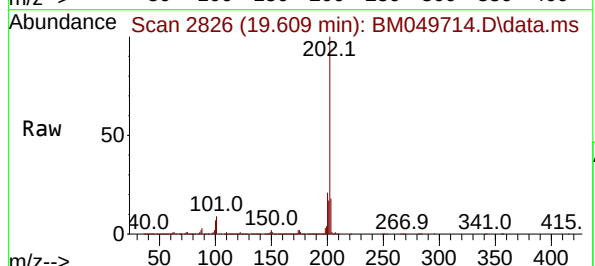
Manual Integrations
APPROVED

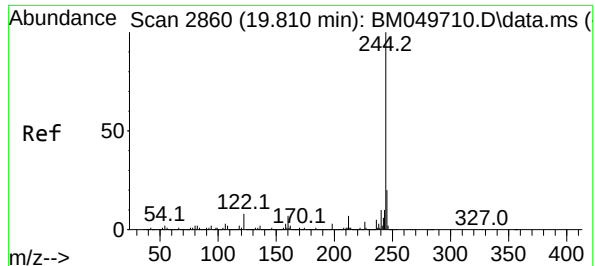
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#78
Pyrene
Concen: 41.286 ng
RT: 19.609 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

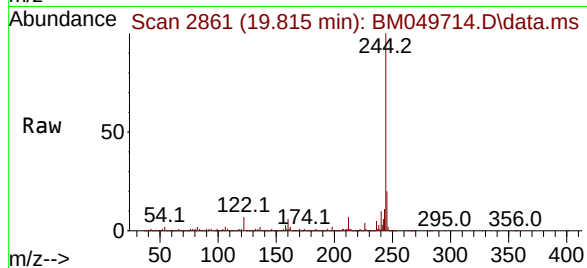
Tgt Ion:202 Resp: 4229052
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.8 14.0 21.0





#79
Terphenyl-d14
Concen: 87.079 ng
RT: 19.815 min Scan# 2861
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

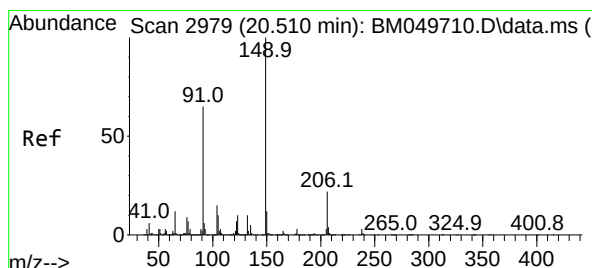
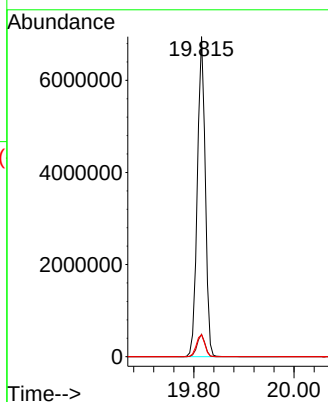
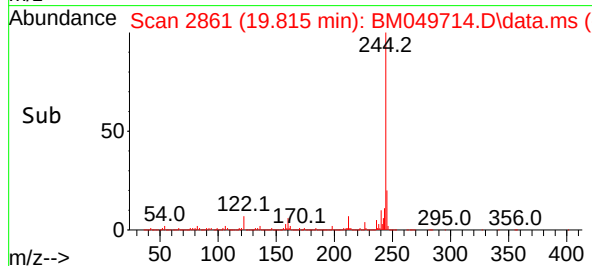
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



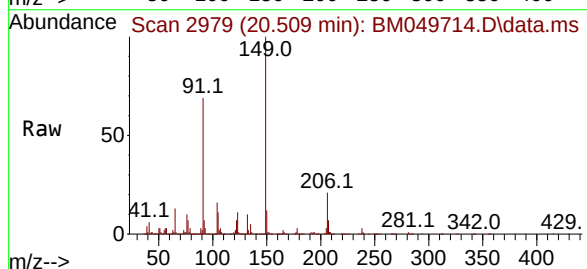
Tgt Ion:244 Resp: 757631
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 6.9 6.0 9.0

Manual Integrations
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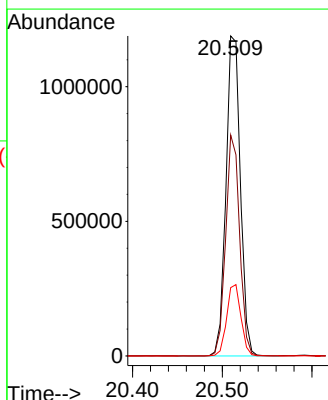
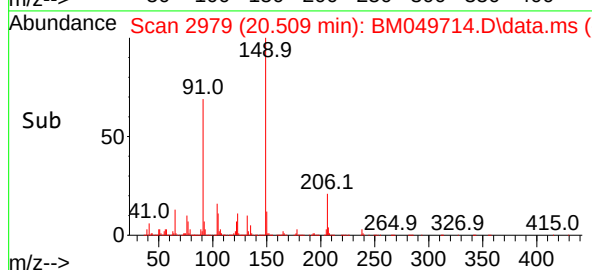
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

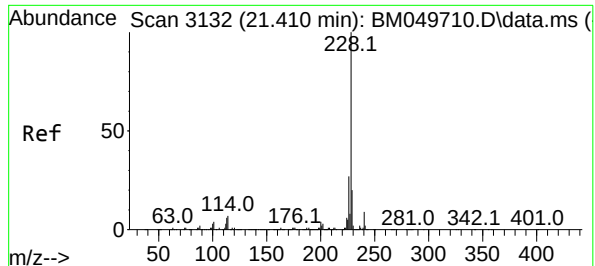


#80
Butylbenzylphthalate
Concen: 41.591 ng
RT: 20.509 min Scan# 2979
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41



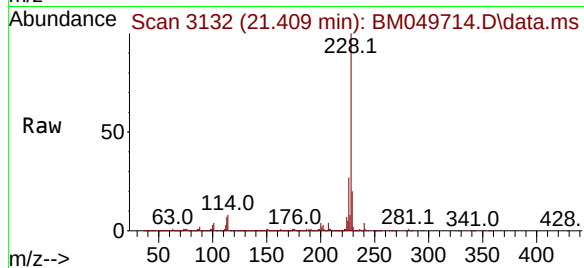
Tgt Ion:149 Resp: 1322122
Ion Ratio Lower Upper
149 100
91 69.0 52.2 78.4
206 21.3 17.6 26.4





#81
Benzo(a)anthracene
Concen: 39.638 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

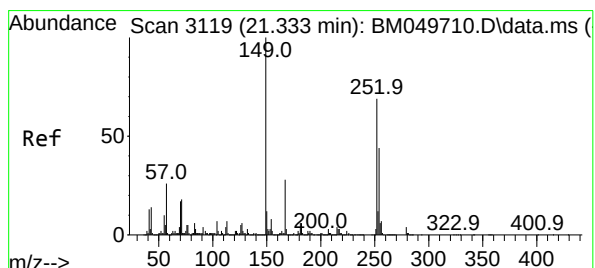
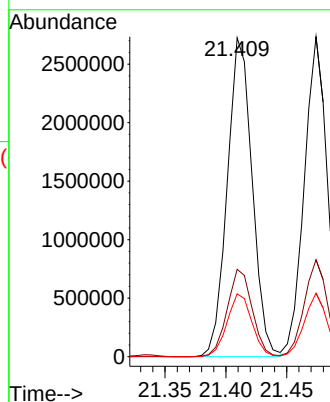
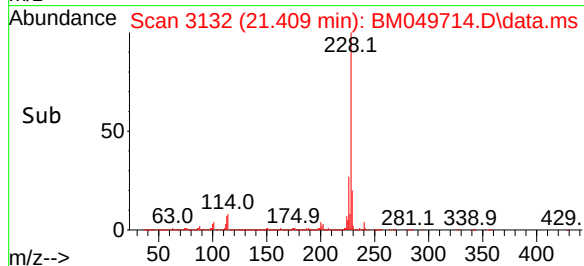
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:228 Resp: 3881690
Ion Ratio Lower Upper
228 100
226 27.4 22.0 33.0
229 19.7 15.8 23.8

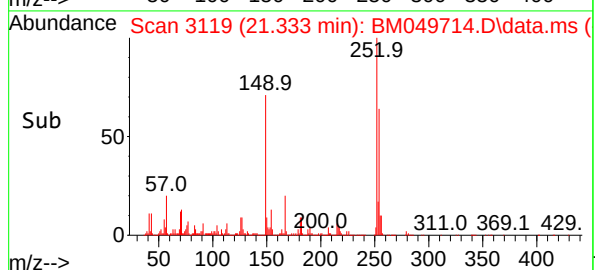
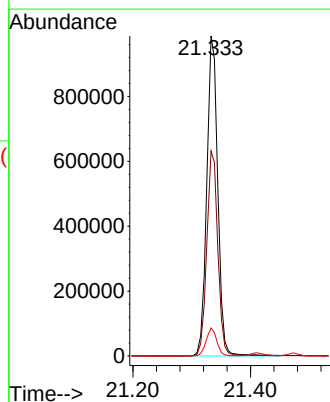
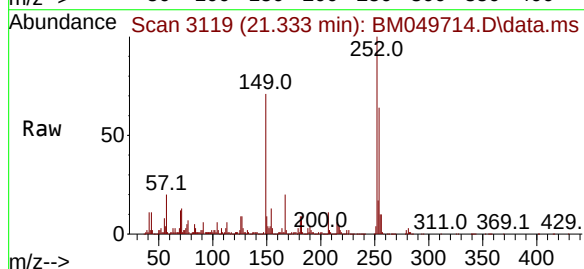
Manual Integrations
APPROVED

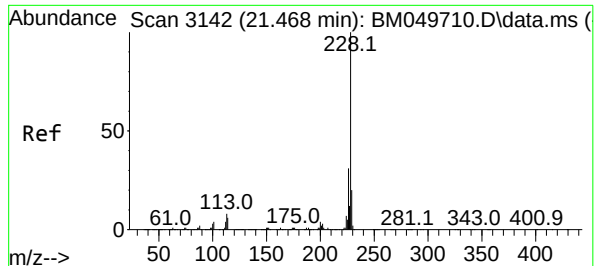
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 40.108 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

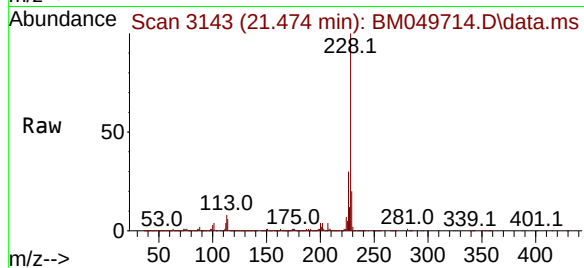
Tgt Ion:252 Resp: 1278791
Ion Ratio Lower Upper
252 100
254 64.0 51.0 76.4
126 8.7 6.3 9.5





#83
Chrysene
Concen: 39.108 ng
RT: 21.474 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

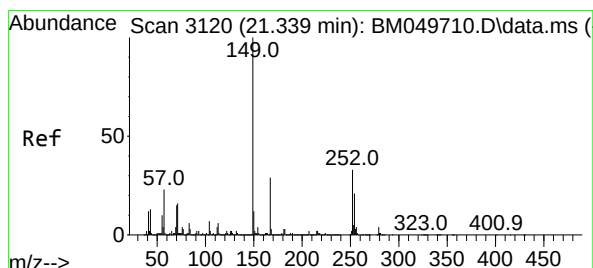
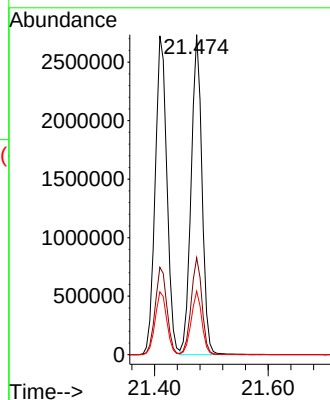
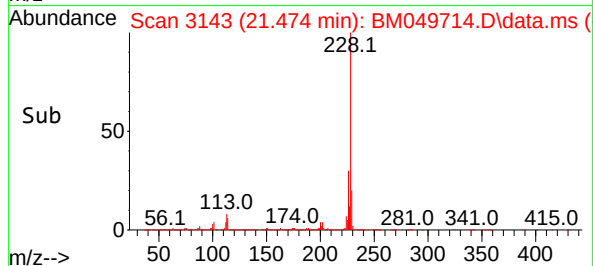
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



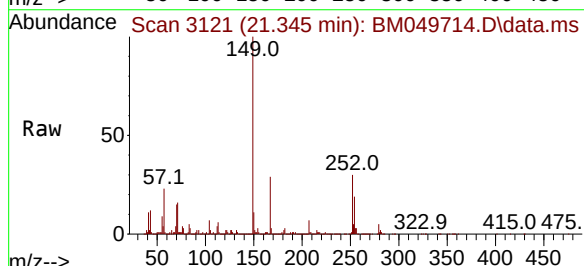
Tgt Ion:228 Resp: 3630410
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.9 15.8 23.6

Manual Integrations
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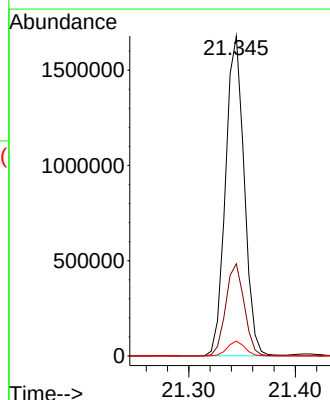
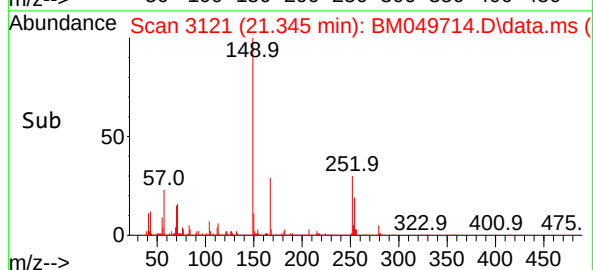
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

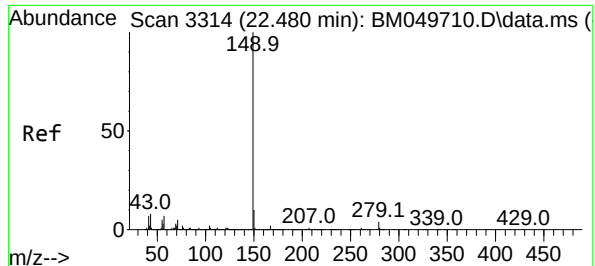


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.168 ng
RT: 21.345 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41



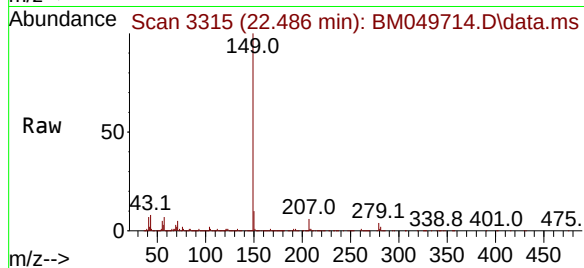
Tgt Ion:149 Resp: 2039556
Ion Ratio Lower Upper
149 100
167 28.8 22.9 34.3
279 4.6 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 38.353 ng
RT: 22.486 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

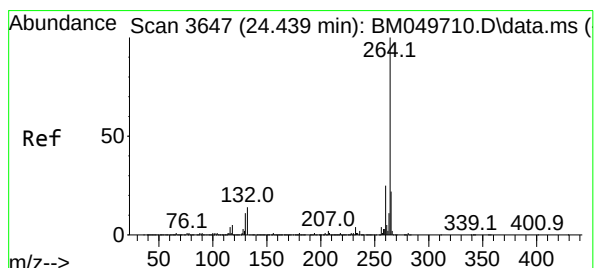
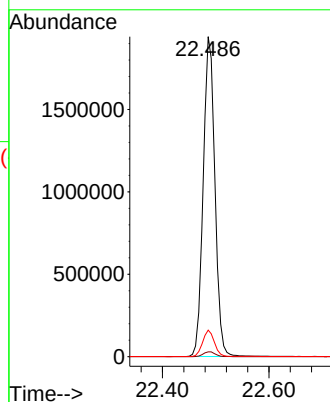
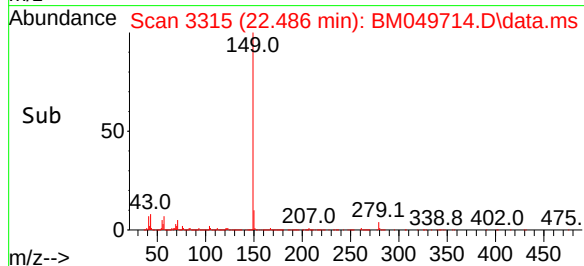
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:149 Resp: 2953248
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.8 10.2

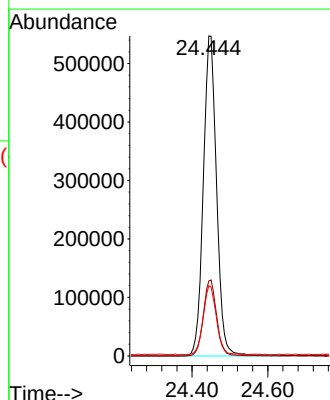
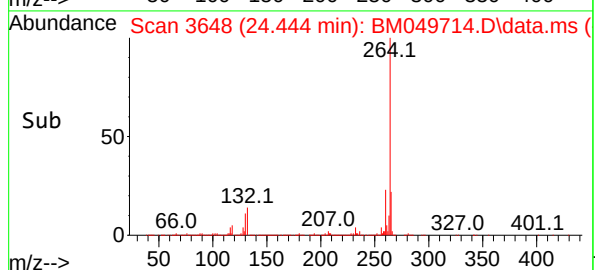
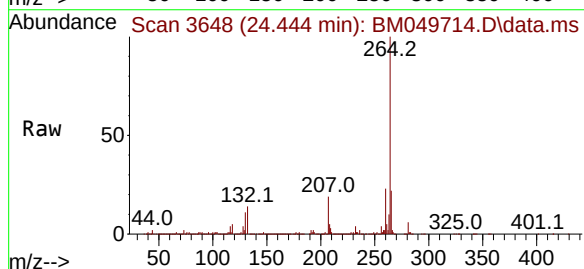
Manual Integrations
APPROVED

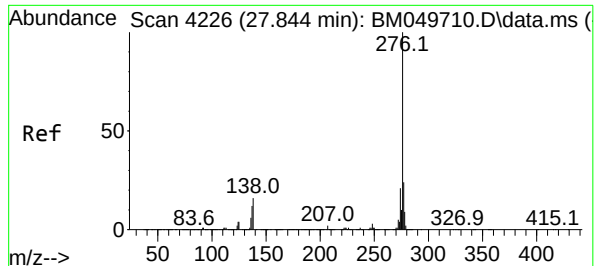
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.444 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

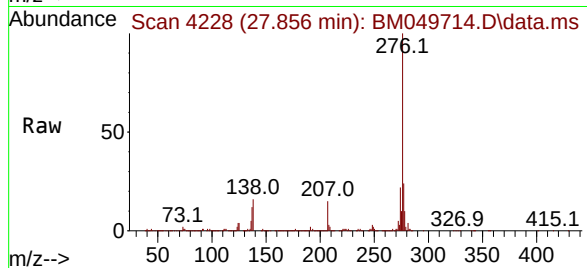
Tgt Ion:264 Resp: 1326527
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 22.0 18.2 27.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.154 ng
RT: 27.856 min Scan# 41
Delta R.T. 0.011 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

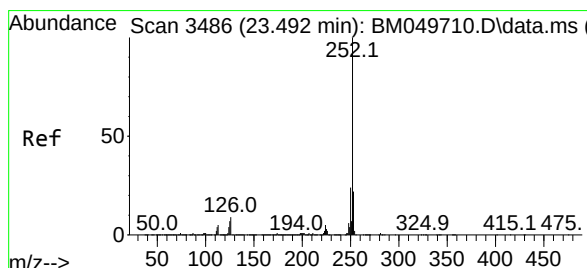
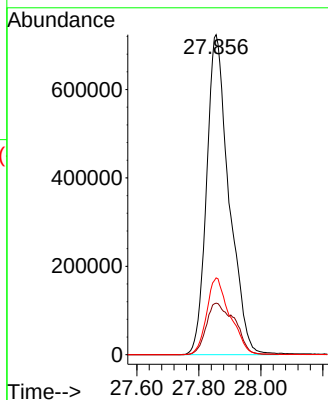
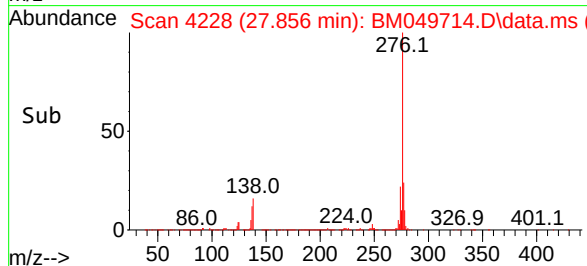
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:276 Resp: 364285
Ion Ratio Lower Upper
276 100
138 20.4 16.3 24.5
277 24.9 19.9 29.9

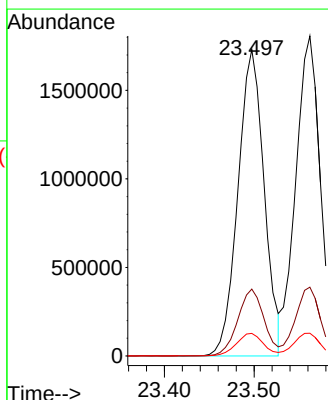
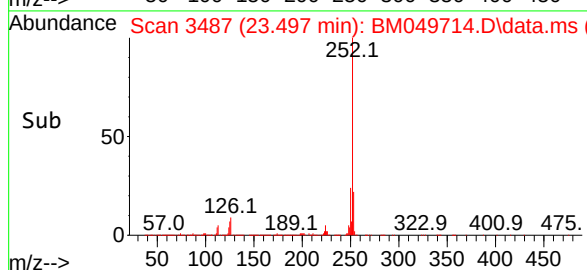
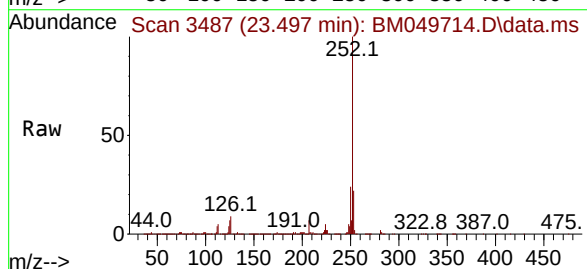
Manual Integrations
APPROVED

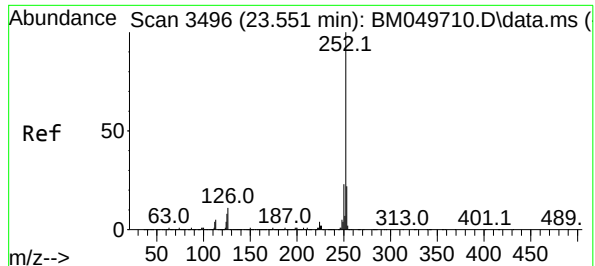
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#88
Benzo(b)fluoranthene
Concen: 39.262 ng
RT: 23.497 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:252 Resp: 3507924
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 7.4 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 39.606 ng

RT: 23.562 min Scan# 3498

Delta R.T. 0.011 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

Instrument :

BNA_M

ClientSampleId :

ICVBM031325

Tgt Ion:252 Resp: 348201

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

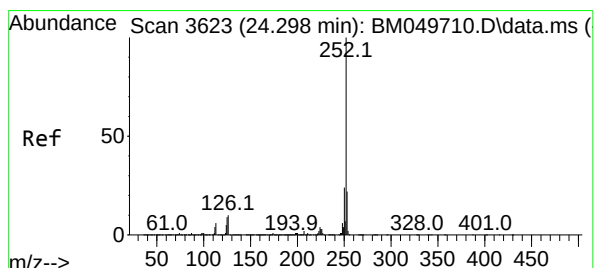
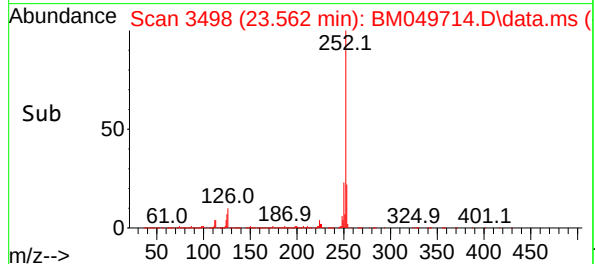
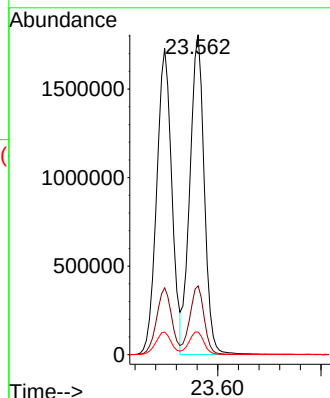
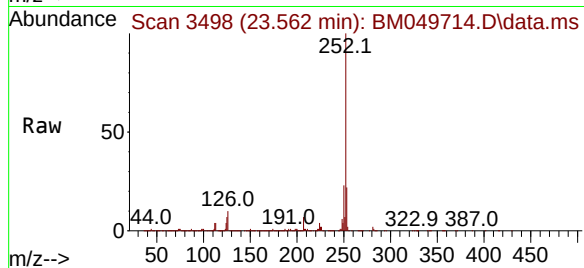
125 7.1 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#90

Benzo(a)pyrene

Concen: 39.477 ng

RT: 24.309 min Scan# 3625

Delta R.T. 0.011 min

Lab File: BM049714.D

Acq: 13 Mar 2025 14:41

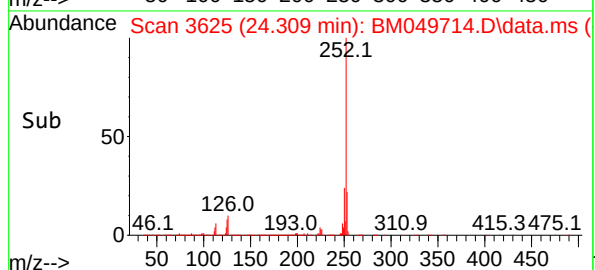
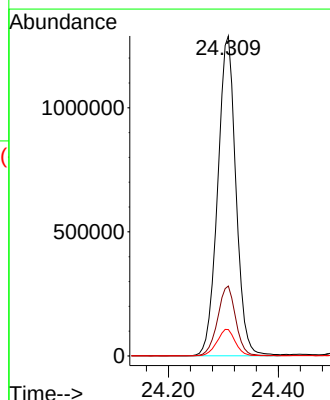
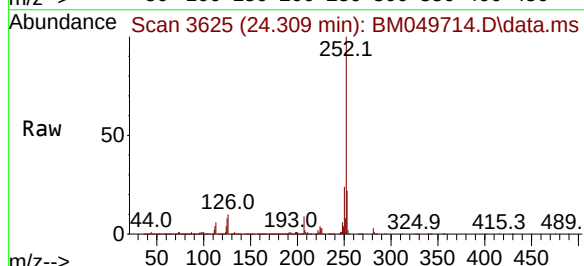
Tgt Ion:252 Resp: 2962652

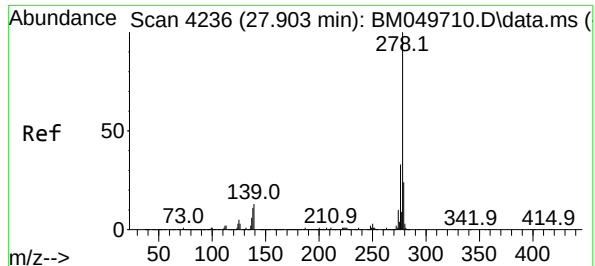
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

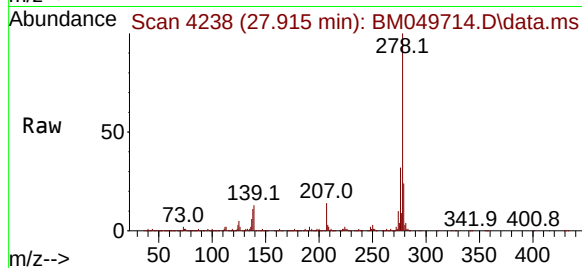
125 8.3 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 38.090 ng
RT: 27.915 min Scan# 41
Delta R.T. 0.011 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

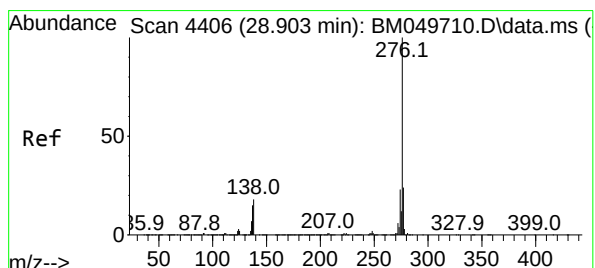
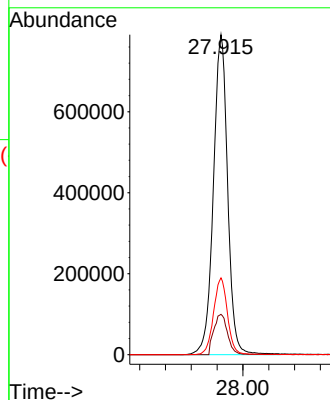
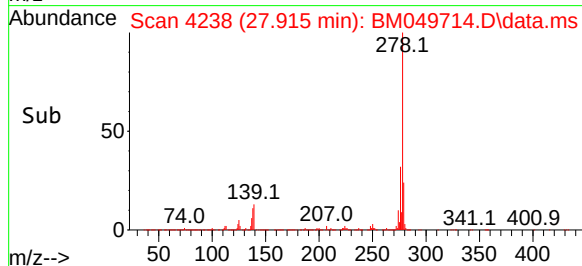
Instrument :
BNA_M
ClientSampleId :
ICVBM031325



Tgt Ion:278 Resp: 302997
Ion Ratio Lower Upper
278 100
139 12.6 10.1 15.1
279 24.0 19.1 28.7

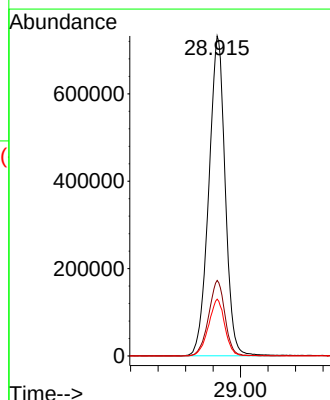
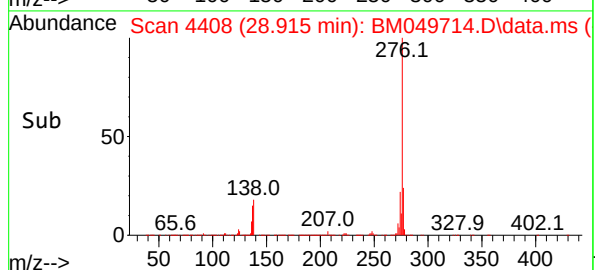
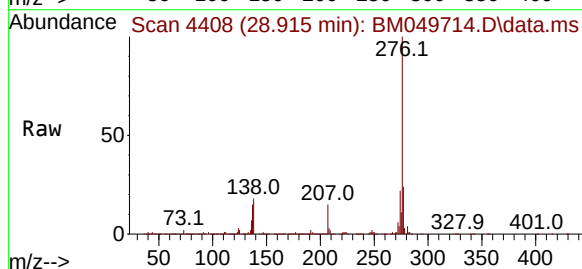
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#92
Benzo(g,h,i)perylene
Concen: 37.817 ng
RT: 28.915 min Scan# 4408
Delta R.T. 0.011 min
Lab File: BM049714.D
Acq: 13 Mar 2025 14:41

Tgt Ion:276 Resp: 3030114
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 17.8 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049714.D
 Acq On : 13 Mar 2025 14:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031325

Quant Time: Mar 13 15:16:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	130	0.00
2	1,4-Dioxane	0.513	0.493	3.9	129	0.00
3	Pyridine	1.310	1.302	0.6	131	0.00
4	n-Nitrosodimethylamine	0.580	0.576	0.7	133	0.00
5 S	2-Fluorophenol	1.185	1.183	0.2	131	0.00
6	Aniline	1.246	1.295	-3.9	138	0.00
7 S	Phenol-d6	1.487	1.530	-2.9	136	0.00
8	2-Chlorophenol	1.174	1.163	0.9	132	0.00
9	Benzaldehyde	0.735	0.716	2.6	137	0.00
10 C	Phenol	1.442	1.458	-1.1	136	0.00
11	bis(2-Chloroethyl)ether	1.168	1.159	0.8	135	0.00
12	1,3-Dichlorobenzene	1.426	1.377	3.4	131	0.00
13 C	1,4-Dichlorobenzene	1.439	1.390	3.4	130	0.00
14	1,2-Dichlorobenzene	1.368	1.327	3.0	130	0.00
15	Benzyl Alcohol	0.933	0.979	-4.9	137	0.00
16	2,2'-oxybis(1-Chloropropane	1.373	1.329	3.2	131	0.00
17	2-Methylphenol	0.856	0.872	-1.9	134	0.00
18	Hexachloroethane	0.508	0.481	5.3	125	0.00
19 P	n-Nitroso-di-n-propylamine	0.863	0.898	-4.1	135	0.00
20	3+4-Methylphenols	1.148	1.176	-2.4	135	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	132	0.00
22	Acetophenone	0.516	0.509	1.4	133	0.00
23 S	Nitrobenzene-d5	0.390	0.388	0.5	133	0.00
24	Nitrobenzene	0.367	0.364	0.8	134	0.00
25	Isophorone	0.598	0.608	-1.7	136	0.00
26 C	2-Nitrophenol	0.156	0.165	-5.8	138	0.00
27	2,4-Dimethylphenol	0.199	0.203	-2.0	137	0.00
28	bis(2-Chloroethoxy)methane	0.421	0.412	2.1	134	0.00
29 C	2,4-Dichlorophenol	0.324	0.327	-0.9	134	0.00
30	1,2,4-Trichlorobenzene	0.406	0.386	4.9	131	0.00
31	Naphthalene	1.028	1.010	1.8	134	0.00
32	Benzoic acid	0.169	0.182	-7.7	146	0.02
33	4-Chloroaniline	0.351	0.354	-0.9	134	0.00
34 C	Hexachlorobutadiene	0.250	0.239	4.4	130	0.00
35	Caprolactam	0.075	0.081	-8.0	137	0.00
36 C	4-Chloro-3-methylphenol	0.278	0.292	-5.0	138	0.00
37	2-Methylnaphthalene	0.719	0.718	0.1	135	0.00
38	1-Methylnaphthalene	0.694	0.695	-0.1	136	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	137	0.00
40	1,2,4,5-Tetrachlorobenzene	0.735	0.714	2.9	136	0.00
41 P	Hexachlorocyclopentadiene	0.272	0.268	1.5	133	0.00
42 S	2,4,6-Tribromophenol	0.234	0.257	-9.8	140	0.00
43 C	2,4,6-Trichlorophenol	0.411	0.423	-2.9	138	0.00
44	2,4,5-Trichlorophenol	0.449	0.459	-2.2	137	0.00
45 S	2-Fluorobiphenyl	1.597	1.577	1.3	136	0.00
46	1,1'-Biphenyl	1.541	1.497	2.9	134	0.00
47	2-Chloronaphthalene	1.200	1.158	3.5	134	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049714.D
 Acq On : 13 Mar 2025 14:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031325

Quant Time: Mar 13 15:16:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.269	0.283	-5.2	138	0.00
49	Acenaphthylene	1.677	1.665	0.7	136	0.00
50	Dimethylphthalate	1.377	1.353	1.7	135	0.00
51	2,6-Dinitrotoluene	0.276	0.281	-1.8	137	0.00
52 C	Acenaphthene	1.100	1.079	1.9	134	0.00
53	3-Nitroaniline	0.263	0.274	-4.2	137	0.00
54 P	2,4-Dinitrophenol	0.134	0.138	-3.0	143	0.00
55	Dibenzofuran	1.833	1.782	2.8	136	0.00
56 P	4-Nitrophenol	0.229	0.227	0.9	134	0.00
57	2,4-Dinitrotoluene	0.355	0.372	-4.8	137	0.00
58	Fluorene	1.492	1.497	-0.3	137	0.00
59	2,3,4,6-Tetrachlorophenol	0.376	0.387	-2.9	137	0.00
60	Diethylphthalate	1.297	1.292	0.4	136	0.00
61	4-Chlorophenyl-phenylether	0.815	0.815	0.0	136	0.00
62	4-Nitroaniline	0.274	0.286	-4.4	131	0.00
63	Azobenzene	1.239	1.227	1.0	135	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	135	0.00
65	4,6-Dinitro-2-methylphenol	0.102	0.105	-2.9	143	0.00
66 c	n-Nitrosodiphenylamine	0.606	0.608	-0.3	137	0.00
67	4-Bromophenyl-phenylether	0.231	0.230	0.4	138	0.00
68	Hexachlorobenzene	0.260	0.256	1.5	138	0.00
69	Atrazine	0.134	0.125	6.7	132	0.00
70 C	Pentachlorophenol	0.163	0.164	-0.6	138	0.00
71	Phenanthrene	1.111	1.100	1.0	136	0.00
72	Anthracene	1.076	1.087	-1.0	138	0.00
73	Carbazole	0.974	0.970	0.4	132	0.00
74	Di-n-butylphthalate	1.068	1.072	-0.4	134	0.00
75 C	Fluoranthene	1.279	1.287	-0.6	134	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	122	0.00
77	Benzidine	0.240	0.294	-22.5	171#	0.00
78	Pyrene	1.397	1.442	-3.2	133	0.00
79 S	Terphenyl-d14	1.187	1.292	-8.8	131	0.00
80	Butylbenzylphthalate	0.434	0.451	-3.9	128	0.00
81	Benzo(a)anthracene	1.336	1.324	0.9	124	0.00
82	3,3'-Dichlorobenzidine	0.435	0.436	-0.2	130	0.00
83	Chrysene	1.266	1.238	2.2	122	0.00
84	Bis(2-ethylhexyl)phthalate	0.676	0.696	-3.0	126	0.00
85 c	Di-n-octyl phthalate	1.050	1.007	4.1	122	0.00
86 I	Perylene-d12	1.000	1.000	0.0	117	0.00
87	Indeno(1,2,3-cd)pyrene	1.440	1.373	4.7	112	0.01
88	Benzo(b)fluoranthene	1.347	1.322	1.9	116	0.00
89	Benzo(k)fluoranthene	1.325	1.312	1.0	119	0.01
90 C	Benzo(a)pyrene	1.131	1.117	1.2	116	0.01
91	Dibenzo(a,h)anthracene	1.199	1.142	4.8	112	0.01
92	Benzo(g,h,i)perylene	1.208	1.142	5.5	111	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049714.D
Acq On : 13 Mar 2025 14:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM031325

Quant Time: Mar 13 15:16:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049714.D
 Acq On : 13 Mar 2025 14:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031325

Quant Time: Mar 13 15:16:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	130	0.00
2	1,4-Dioxane	40.000	38.421	3.9	129	0.00
3	Pyridine	40.000	39.743	0.6	131	0.00
4	n-Nitrosodimethylamine	40.000	39.713	0.7	133	0.00
5 S	2-Fluorophenol	80.000	79.812	0.2	131	0.00
6	Aniline	40.000	41.558	-3.9	138	0.00
7 S	Phenol-d6	80.000	82.307	-2.9	136	0.00
8	2-Chlorophenol	40.000	39.632	0.9	132	0.00
9	Benzaldehyde	40.000	38.938	2.7	137	0.00
10 C	Phenol	40.000	40.424	-1.1	136	0.00
11	bis(2-Chloroethyl)ether	40.000	39.691	0.8	135	0.00
12	1,3-Dichlorobenzene	40.000	38.623	3.4	131	0.00
13 C	1,4-Dichlorobenzene	40.000	38.645	3.4	130	0.00
14	1,2-Dichlorobenzene	40.000	38.803	3.0	130	0.00
15	Benzyl Alcohol	40.000	41.958	-4.9	137	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.736	3.2	131	0.00
17	2-Methylphenol	40.000	40.737	-1.8	134	0.00
18	Hexachloroethane	40.000	37.848	5.4	125	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.653	-4.1	135	0.00
20	3+4-Methylphenols	40.000	40.994	-2.5	135	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	132	0.00
22	Acetophenone	40.000	39.465	1.3	133	0.00
23 S	Nitrobenzene-d5	80.000	79.713	0.4	133	0.00
24	Nitrobenzene	40.000	39.649	0.9	134	0.00
25	Isophorone	40.000	40.681	-1.7	136	0.00
26 C	2-Nitrophenol	40.000	42.188	-5.5	138	0.00
27	2,4-Dimethylphenol	40.000	40.805	-2.0	137	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.135	2.2	134	0.00
29 C	2,4-Dichlorophenol	40.000	40.313	-0.8	134	0.00
30	1,2,4-Trichlorobenzene	40.000	38.096	4.8	131	0.00
31	Naphthalene	40.000	39.284	1.8	134	0.00
32	Benzoic acid	40.000	42.940	-7.3	146	0.02
33	4-Chloroaniline	40.000	40.318	-0.8	134	0.00
34 C	Hexachlorobutadiene	40.000	38.204	4.5	130	0.00
35	Caprolactam	40.000	43.119	-7.8	137	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.022	-5.1	138	0.00
37	2-Methylnaphthalene	40.000	39.933	0.2	135	0.00
38	1-Methylnaphthalene	40.000	40.096	-0.2	136	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	137	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.890	2.8	136	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.461	1.3	133	0.00
42 S	2,4,6-Tribromophenol	80.000	87.947	-9.9	140	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.087	-2.7	138	0.00
44	2,4,5-Trichlorophenol	40.000	40.857	-2.1	137	0.00
45 S	2-Fluorobiphenyl	80.000	78.993	1.3	136	0.00
46	1,1'-Biphenyl	40.000	38.855	2.9	134	0.00
47	2-Chloronaphthalene	40.000	38.600	3.5	134	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049714.D
 Acq On : 13 Mar 2025 14:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031325

Quant Time: Mar 13 15:16:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	42.046	-5.1	138	0.00
49	Acenaphthylene	40.000	39.705	0.7	136	0.00
50	Dimethylphthalate	40.000	39.312	1.7	135	0.00
51	2,6-Dinitrotoluene	40.000	40.774	-1.9	137	0.00
52 C	Acenaphthene	40.000	39.236	1.9	134	0.00
53	3-Nitroaniline	40.000	41.671	-4.2	137	0.00
54 P	2,4-Dinitrophenol	40.000	40.645	-1.6	143	0.00
55	Dibenzofuran	40.000	38.878	2.8	136	0.00
56 P	4-Nitrophenol	40.000	39.814	0.5	134	0.00
57	2,4-Dinitrotoluene	40.000	41.860	-4.6	137	0.00
58	Fluorene	40.000	40.133	-0.3	137	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.187	-3.0	137	0.00
60	Diethylphthalate	40.000	39.848	0.4	136	0.00
61	4-Chlorophenyl-phenylether	40.000	39.997	0.0	136	0.00
62	4-Nitroaniline	40.000	37.552	6.1	131	0.00
63	Azobenzene	40.000	39.634	0.9	135	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	135	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.710	-1.8	143	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.117	-0.3	137	0.00
67	4-Bromophenyl-phenylether	40.000	39.881	0.3	138	0.00
68	Hexachlorobenzene	40.000	39.511	1.2	138	0.00
69	Atrazine	40.000	37.400	6.5	132	0.00
70 C	Pentachlorophenol	40.000	40.280	-0.7	138	0.00
71	Phenanthrene	40.000	39.603	1.0	136	0.00
72	Anthracene	40.000	40.434	-1.1	138	0.00
73	Carbazole	40.000	39.814	0.5	132	0.00
74	Di-n-butylphthalate	40.000	40.175	-0.4	134	0.00
75 C	Fluoranthene	40.000	40.255	-0.6	134	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	122	0.00
77	Benzydine	40.000	48.932	-22.3	171	0.00
78	Pyrene	40.000	41.286	-3.2	133	0.00
79 S	Terphenyl-d14	80.000	87.079	-8.8	131	0.00
80	Butylbenzylphthalate	40.000	41.591	-4.0	128	0.00
81	Benzo(a)anthracene	40.000	39.638	0.9	124	0.00
82	3,3'-Dichlorobenzidine	40.000	40.108	-0.3	130	0.00
83	Chrysene	40.000	39.108	2.2	122	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.168	-2.9	126	0.00
85 c	Di-n-octyl phthalate	40.000	38.353	4.1	122	0.00
86 I	Perylene-d12	20.000	20.000	0.0	117	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.154	4.6	112	0.01
88	Benzo(b)fluoranthene	40.000	39.262	1.8	116	0.00
89	Benzo(k)fluoranthene	40.000	39.606	1.0	119	0.01
90 C	Benzo(a)pyrene	40.000	39.477	1.3	116	0.01
91	Dibenzo(a,h)anthracene	40.000	38.090	4.8	112	0.01
92	Benzo(g,h,i)perylene	40.000	37.817	5.5	111	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049714.D
Acq On : 13 Mar 2025 14:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM031325

Quant Time: Mar 13 15:16:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TULL02

Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698 SDG No.: Q1698

Instrument ID: BNA_M Calibration Date/Time: 04/03/2025 11:17

Lab File ID: BM049800.D Init. Calib. Date(s): 03/13/2025 03/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:02 13:37

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.185	1.184		-0.1	
Phenol-d6	1.488	1.501		0.9	
Nitrobenzene-d5	0.390	0.386		-1.0	
Naphthalene	1.028	0.990		-3.7	
2-Fluorobiphenyl	1.597	1.511		-5.4	
Acenaphthylene	1.677	1.629		-2.9	
Acenaphthene	1.100	1.057		-3.9	20.0
Fluorene	1.492	1.426		-4.4	
2,4,6-Tribromophenol	0.234	0.240		2.6	
Phenanthrene	1.111	1.072		-3.5	
Anthracene	1.076	1.055		-2.0	
Fluoranthene	1.279	1.277		-0.2	20.0
Pyrene	1.397	1.351		-3.3	
Terphenyl-d14	1.187	1.190		0.3	
Benzo (a) anthracene	1.336	1.310		-1.9	
Chrysene	1.266	1.232		-2.7	
Benzo (b) fluoranthene	1.347	1.312		-2.6	
Benzo (k) fluoranthene	1.326	1.244		-6.1	
Benzo (a) pyrene	1.131	1.115		-1.4	20.0
Indeno (1,2,3-cd) pyrene	1.440	1.453		0.9	
Dibenzo (a,h) anthracene	1.199	1.197		-0.2	
Benzo (g,h,i) perylene	1.208	1.218		0.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049800.D
 Acq On : 03 Apr 2025 11:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 03 12:17:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	308620	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1039482	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	628522	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1166790	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1142791	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1130597	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1462142	79.940	ng	-0.02
7) Phenol-d6	6.957	99	1853178	80.736	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1604996	79.273	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	603509	82.230	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3799607	75.710	ng	-0.02
79) Terphenyl-d14	19.792	244	5439295	80.206	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	306299	38.684	ng	99
3) Pyridine	3.669	79	806741	39.896	ng	98
4) n-Nitrosodimethylamine	3.575	42	347942	38.888	ng	98
6) Aniline	7.116	93	758285	39.432	ng	99
8) 2-Chlorophenol	7.351	128	711478	39.281	ng	98
9) Benzaldehyde	6.922	77	412815	36.380	ng	97
10) Phenol	6.987	94	888180	39.906	ng	98
11) bis(2-Chloroethyl)ether	7.210	93	706839	39.218	ng	98
12) 1,3-Dichlorobenzene	7.675	146	834519	37.912	ng	99
13) 1,4-Dichlorobenzene	7.822	146	844273	38.020	ng	99
14) 1,2-Dichlorobenzene	8.139	146	798155	37.820	ng	98
15) Benzyl Alcohol	8.028	79	584620	40.586	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	825424	38.966	ng	99
17) 2-Methylphenol	8.234	107	526588	39.851	ng	98
18) Hexachloroethane	8.869	117	303638	38.720	ng	94
19) n-Nitroso-di-n-propyla...	8.592	70	538644	40.470	ng	99
20) 3+4-Methylphenols	8.557	107	713069	40.268	ng	97
22) Acetophenone	8.604	105	1048605	39.124	ng	# 98
24) Nitrobenzene	8.986	77	760756	39.849	ng	100
25) Isophorone	9.510	82	1255236	40.380	ng	99
26) 2-Nitrophenol	9.692	139	345299	42.496	ng	94
27) 2,4-Dimethylphenol	9.763	122	413691	39.998	ng	97
28) bis(2-Chloroethoxy)met...	9.992	93	854193	39.015	ng	100
29) 2,4-Dichlorophenol	10.233	162	664531	39.431	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	781043	37.041	ng	99
31) Naphthalene	10.633	128	2058657	38.515	ng	100
32) Benzoic acid	9.880	122	399523	45.420	ng	99
33) 4-Chloroaniline	10.739	127	716489	39.278	ng	99
34) Hexachlorobutadiene	10.922	225	476937	36.640	ng	99
35) Caprolactam	11.516	113	168376	43.032	ng	95
36) 4-Chloro-3-methylphenol	11.869	107	593443	41.032	ng	100
37) 2-Methylnaphthalene	12.245	142	1436243	38.428	ng	100
38) 1-Methylnaphthalene	12.469	142	1385635	38.426	ng	100
40) 1,2,4,5-Tetrachloroben...	12.616	216	857715	37.152	ng	99
41) Hexachlorocyclopentadiene	12.604	237	330072	38.592	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	526155	40.692	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049800.D
 Acq On : 03 Apr 2025 11:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 03 12:17:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

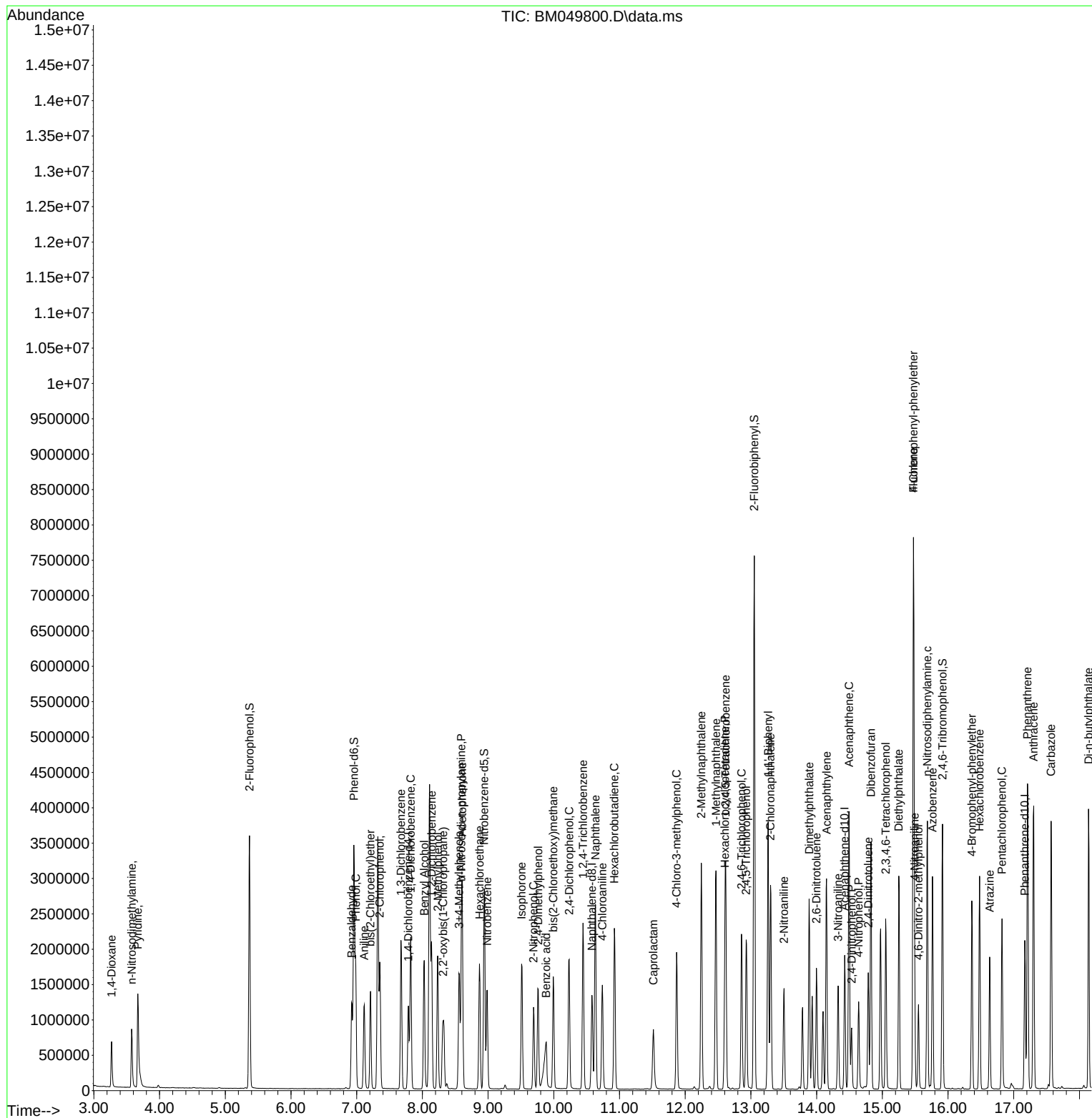
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	566625	40.157	ng	96
46) 1,1'-Biphenyl	13.263	154	1855180	38.298	ng	100
47) 2-Chloronaphthalene	13.298	162	1444023	38.298	ng	98
48) 2-Nitroaniline	13.504	65	363632	42.961	ng	99
49) Acenaphthylene	14.151	152	2047560	38.851	ng	100
50) Dimethylphthalate	13.886	163	1689727	39.048	ng	99
51) 2,6-Dinitrotoluene	13.998	165	346425	39.954	ng	98
52) Acenaphthene	14.492	154	1328502	38.429	ng	100
53) 3-Nitroaniline	14.327	138	340395	41.255	ng	97
54) 2,4-Dinitrophenol	14.533	184	181771	42.009	ng	99
55) Dibenzofuran	14.827	168	2176605	37.785	ng	100
56) 4-Nitrophenol	14.639	139	291151	40.538	ng	98
57) 2,4-Dinitrotoluene	14.786	165	463253	41.520	ng	97
58) Fluorene	15.474	166	1792836	38.227	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	463817	39.269	ng	97
60) Diethylphthalate	15.251	149	1618715	39.717	ng	99
61) 4-Chlorophenyl-phenyle...	15.474	204	956039	37.330	ng	97
62) 4-Nitroaniline	15.492	138	364423	37.973	ng	98
63) Azobenzene	15.762	77	1565024	40.202	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	252630	41.574	ng	94
66) n-Nitrosodiphenylamine	15.686	169	1377151	38.956	ng	100
67) 4-Bromophenyl-phenylether	16.362	248	512615	38.052	ng	98
68) Hexachlorobenzene	16.480	284	569841	37.616	ng	98
69) Atrazine	16.633	200	325030	41.719	ng	100
70) Pentachlorophenol	16.821	266	379627	39.877	ng	99
71) Phenanthrene	17.209	178	2500683	38.597	ng	100
72) Anthracene	17.304	178	2461414	39.229	ng	100
73) Carbazole	17.568	167	2274615	40.029	ng	100
74) Di-n-butylphthalate	18.139	149	2601980	41.778	ng	99
75) Fluoranthene	19.227	202	2980551	39.959	ng	100
77) Benzidine	19.409	184	838418	61.067	ng	100
78) Pyrene	19.586	202	3088624	38.684	ng	100
80) Butylbenzylphthalate	20.492	149	1098259	44.324	ng	99
81) Benzo(a)anthracene	21.386	228	2995183	39.239	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	1025925	41.282	ng	99
83) Chrysene	21.450	228	2816818	38.929	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	1704664	44.145	ng	100
85) Di-n-octyl phthalate	22.450	149	2649220	44.140	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	3285447	40.374	ng	99
88) Benzo(b)fluoranthene	23.456	252	2967547	38.970	ng	99
89) Benzo(k)fluoranthene	23.521	252	2812635	37.537	ng	99
90) Benzo(a)pyrene	24.262	252	2521835	39.427	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	2706279	39.917	ng	99
92) Benzo(g,h,i)perylene	28.838	276	2753856	40.325	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049800.D
Acq On : 03 Apr 2025 11:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

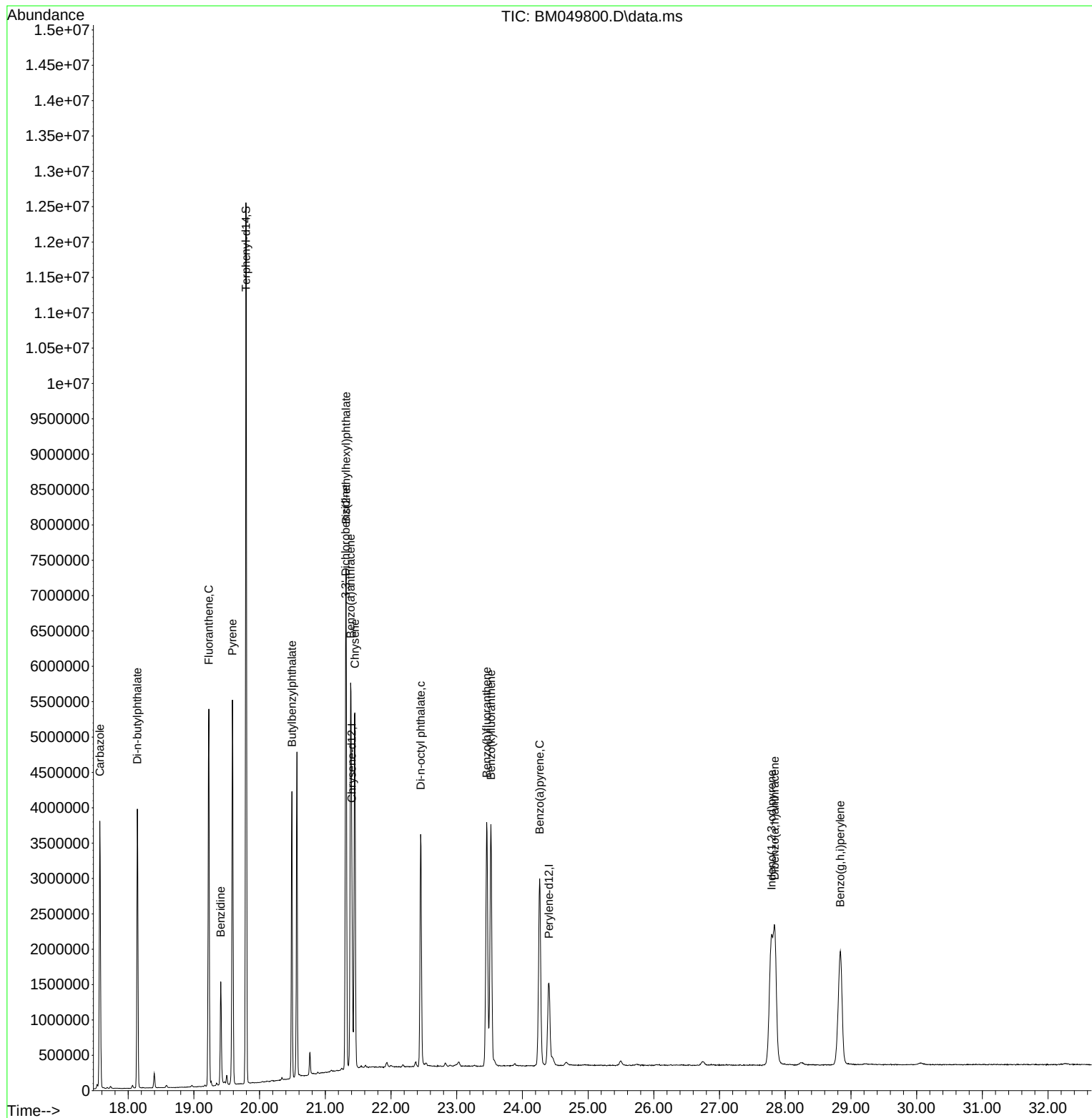
Quant Time: Apr 03 12:17:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

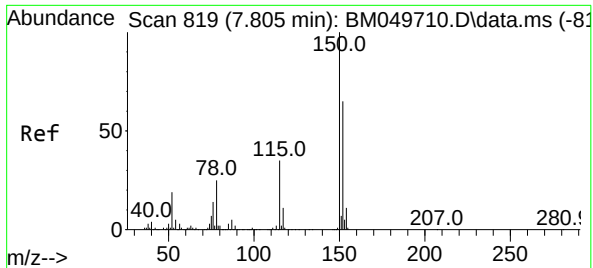


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049800.D
Acq On : 03 Apr 2025 11:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 03 12:17:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

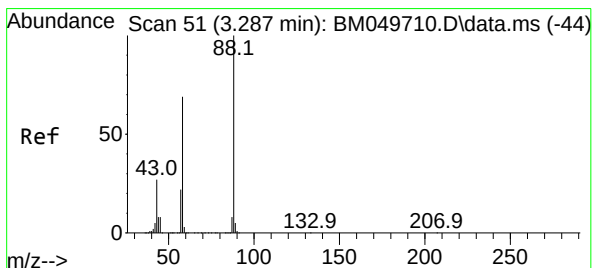
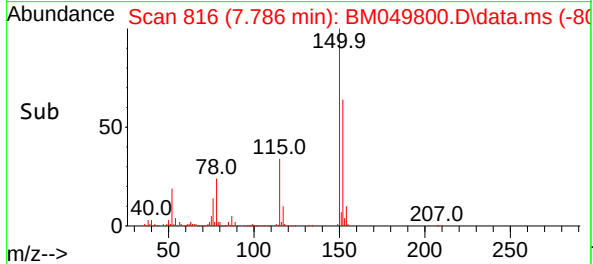
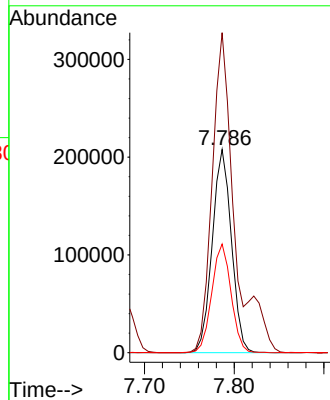
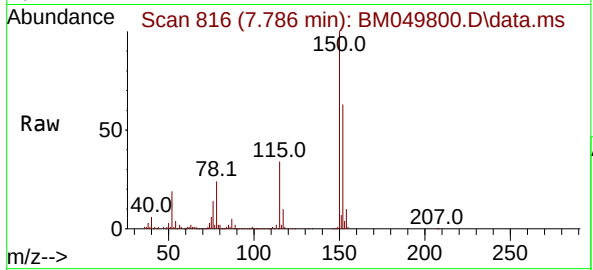




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.019 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

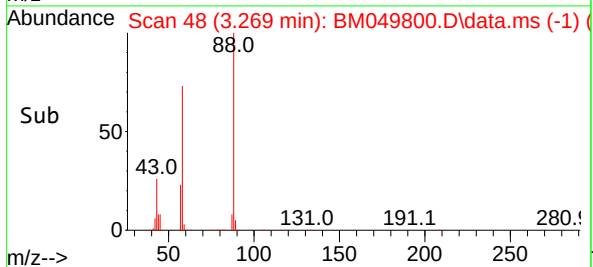
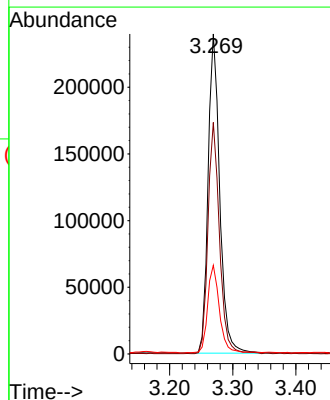
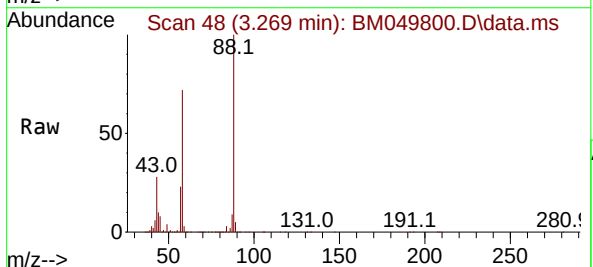
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

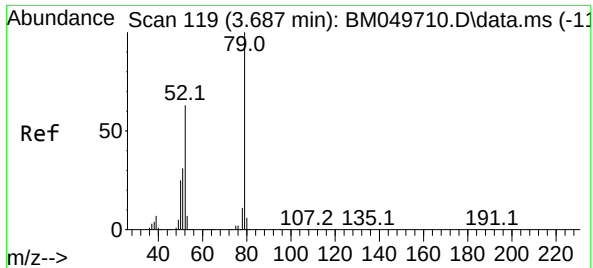
Tgt Ion:152 Resp: 308620
Ion Ratio Lower Upper
152 100
150 157.5 123.8 185.8
115 53.5 43.0 64.6



#2
1,4-Dioxane
Concen: 38.684 ng
RT: 3.269 min Scan# 48
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion: 88 Resp: 306299
Ion Ratio Lower Upper
88 100
58 71.8 56.7 85.1
43 27.7 22.6 34.0

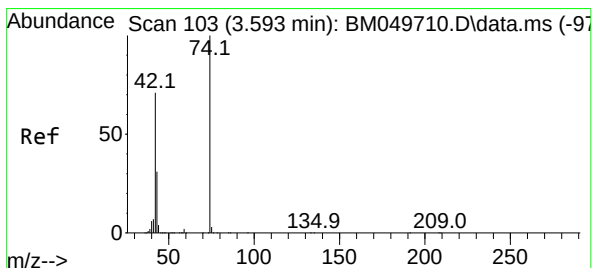
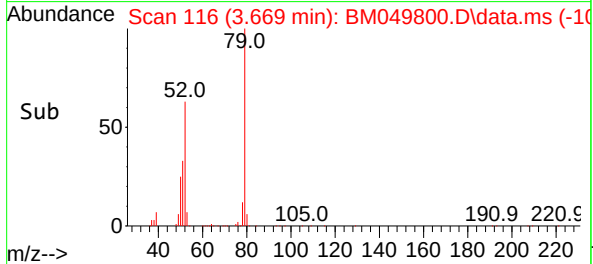
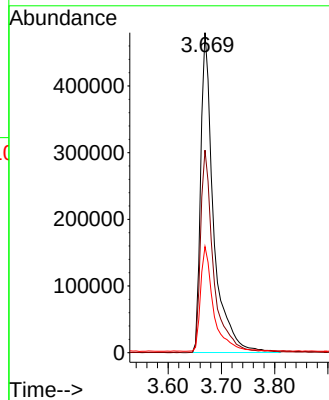
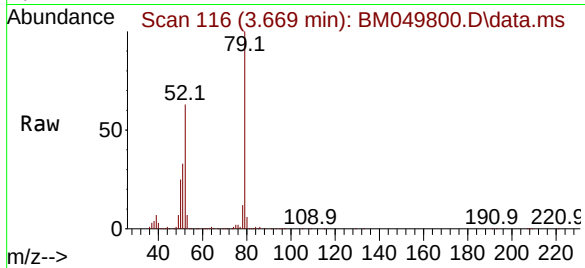




#3
Pyridine
Concen: 39.896 ng
RT: 3.669 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

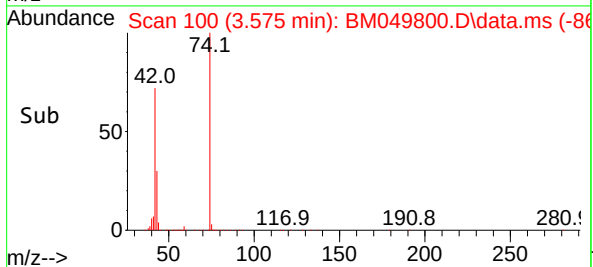
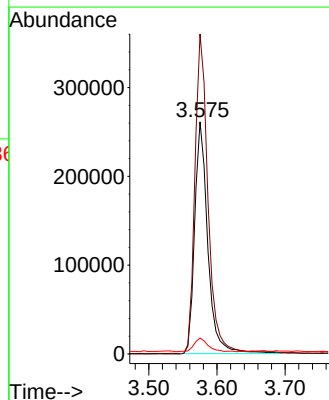
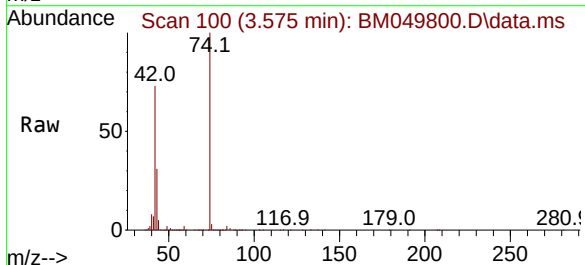
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

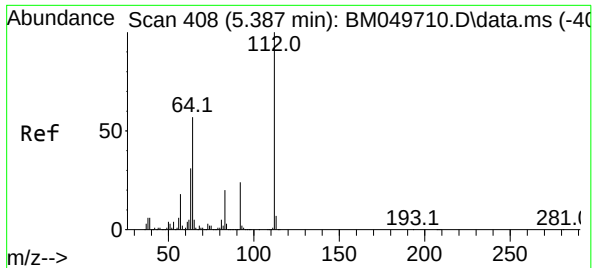
Tgt Ion: 79 Resp: 806741
Ion Ratio Lower Upper
79 100
52 63.3 50.1 75.1
51 33.2 25.2 37.8



#4
n-Nitrosodimethylamine
Concen: 38.888 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion: 42 Resp: 347942
Ion Ratio Lower Upper
42 100
74 137.8 112.6 168.8
44 6.9 5.0 7.6

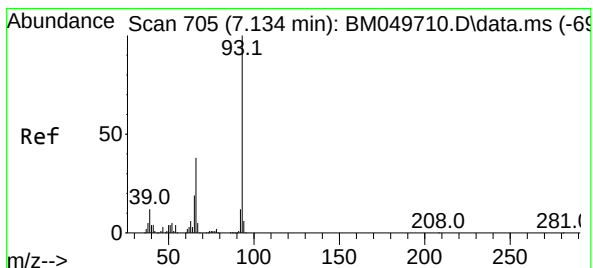
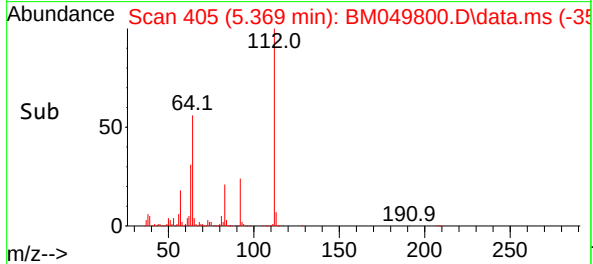
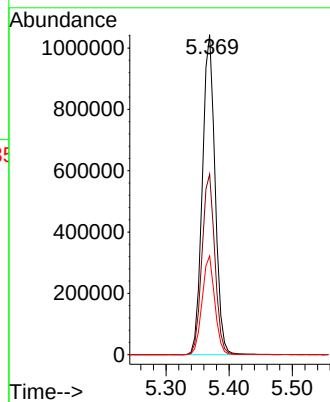
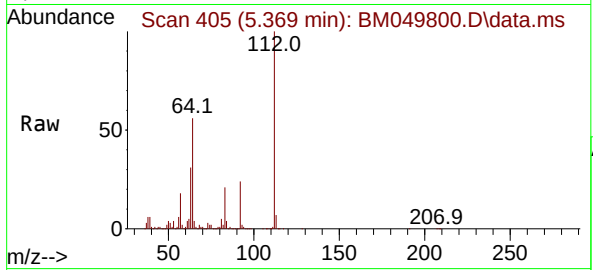




#5
2-Fluorophenol
Concen: 79.940 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

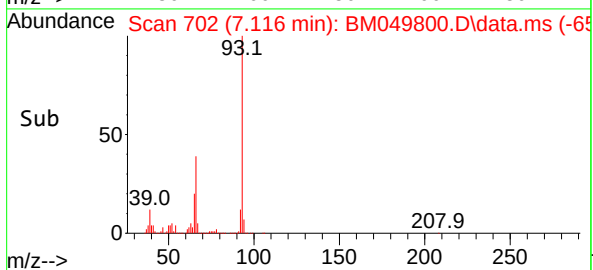
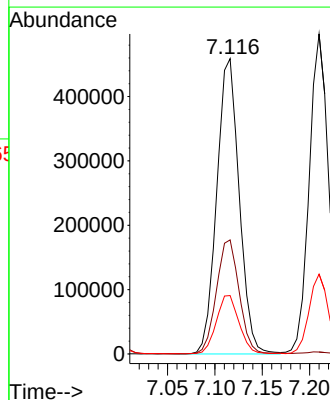
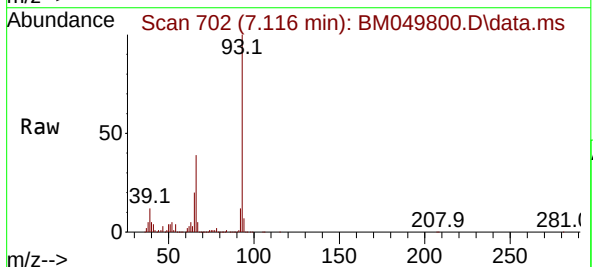
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

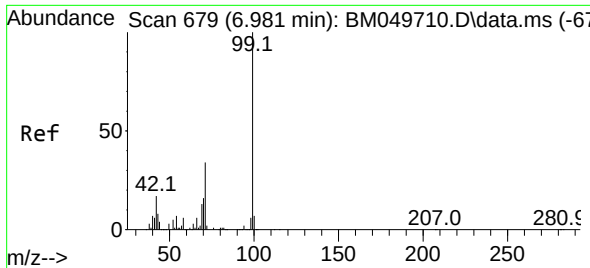
Tgt Ion:112 Resp: 1462142
Ion Ratio Lower Upper
112 100
64 56.4 45.3 67.9
63 30.8 24.4 36.6



#6
Aniline
Concen: 39.432 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion: 93 Resp: 758285
Ion Ratio Lower Upper
93 100
66 38.6 30.6 46.0
65 19.8 15.4 23.2

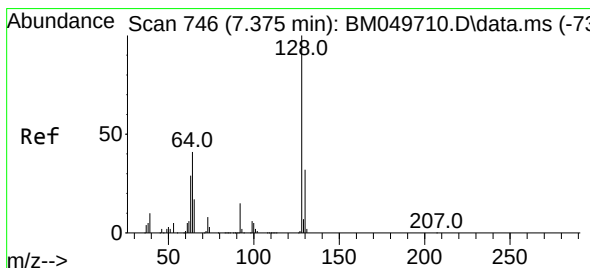
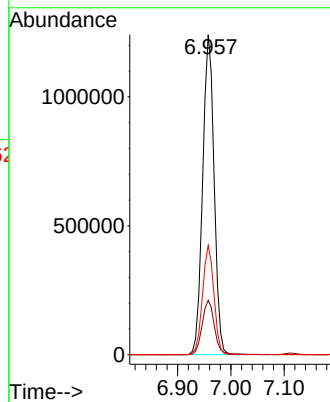
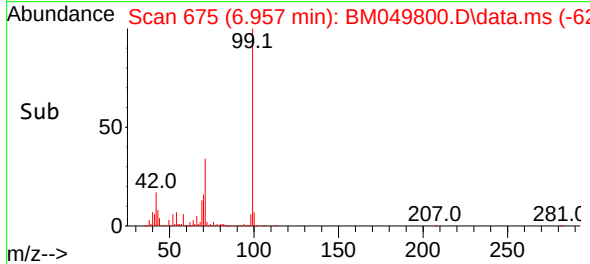
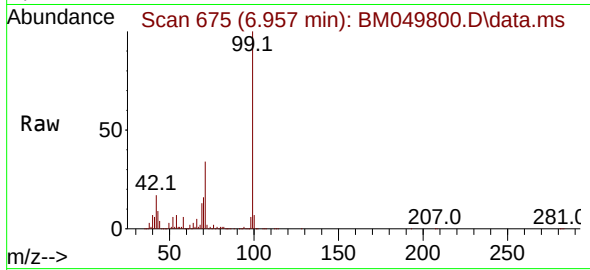




#7
Phenol-d6
Concen: 80.736 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

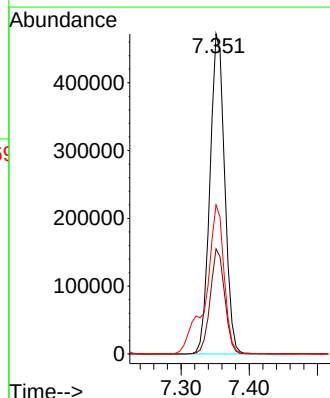
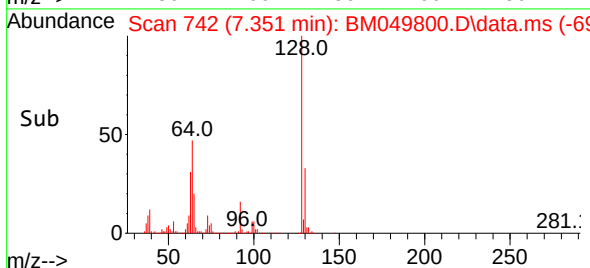
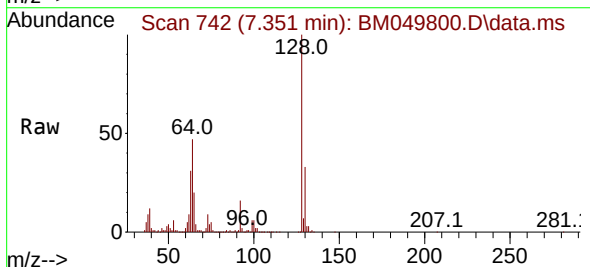
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

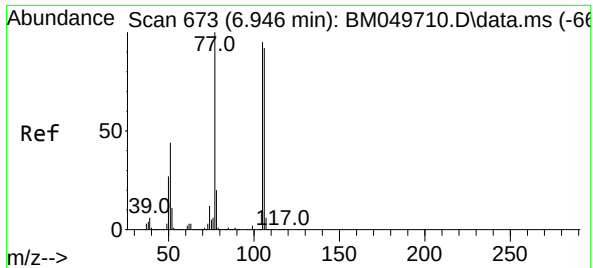
Tgt Ion: 99 Resp: 1853178
Ion Ratio Lower Upper
99 100
42 17.0 13.6 20.4
71 34.2 27.0 40.6



#8
2-Chlorophenol
Concen: 39.281 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion: 128 Resp: 711478
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 46.6 24.9 64.9

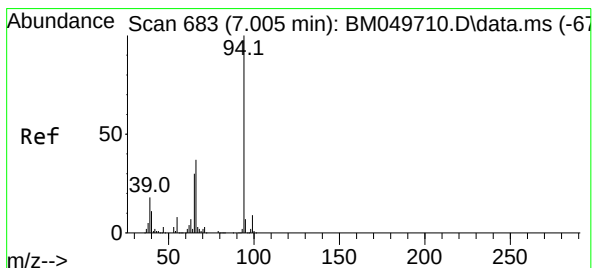
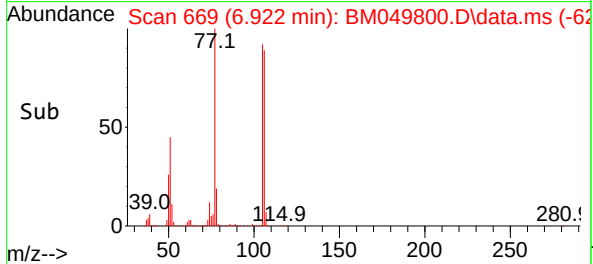
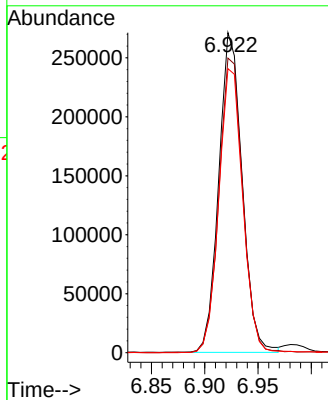
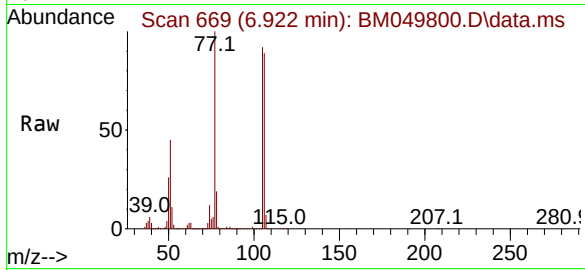




#9
Benzaldehyde
Concen: 36.380 ng
RT: 6.922 min Scan# 609
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

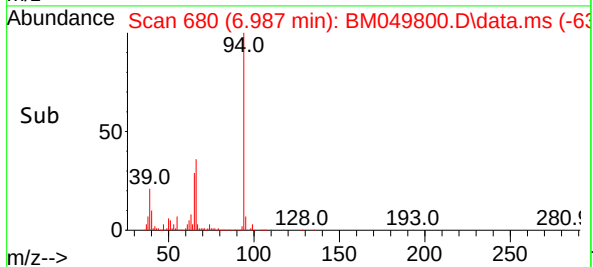
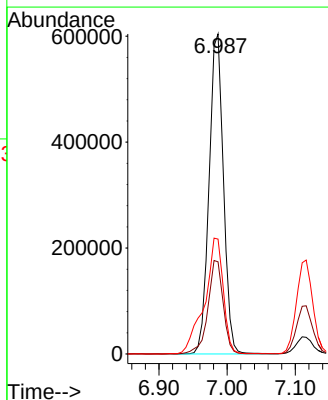
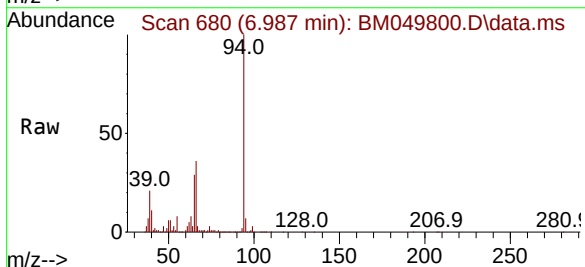
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

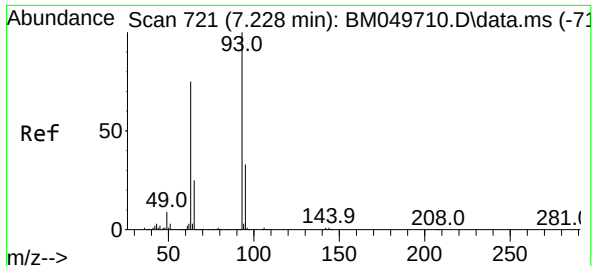
Tgt Ion: 77 Resp: 412815
Ion Ratio Lower Upper
77 100
105 92.1 75.0 115.0
106 88.8 72.3 112.3



#10
Phenol
Concen: 39.906 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion: 94 Resp: 888180
Ion Ratio Lower Upper
94 100
65 28.8 10.4 50.4
66 35.9 17.1 57.1

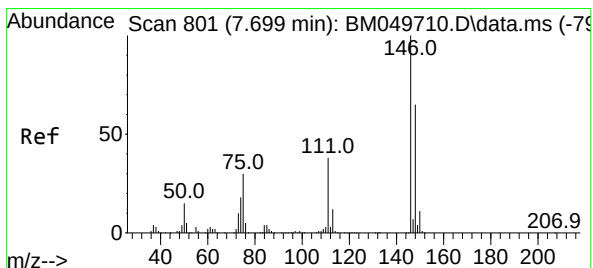
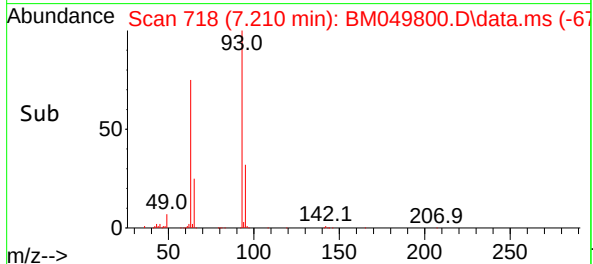
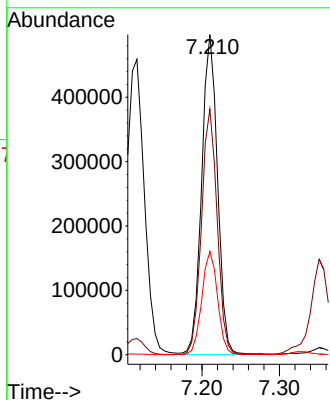
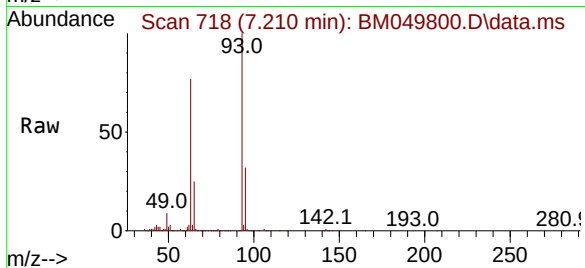




#11
bis(2-Chloroethyl)ether
Concen: 39.218 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

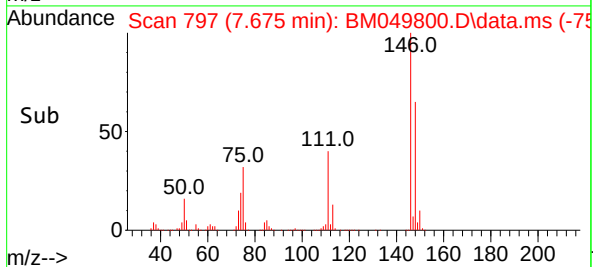
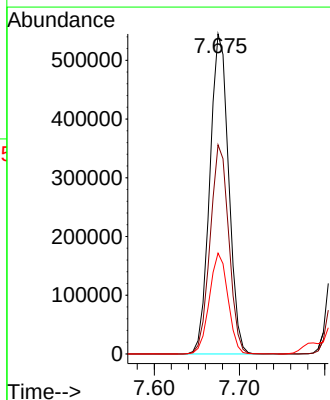
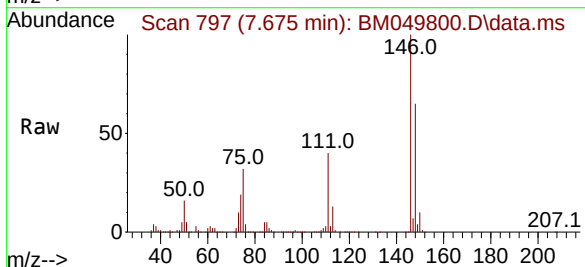
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

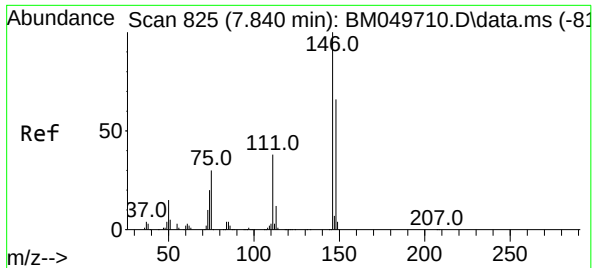
Tgt Ion: 93 Resp: 706839
Ion Ratio Lower Upper
93 100
63 76.8 54.8 94.8
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.912 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion: 146 Resp: 834519
Ion Ratio Lower Upper
146 100
148 65.3 52.3 78.5
75 31.5 24.2 36.2

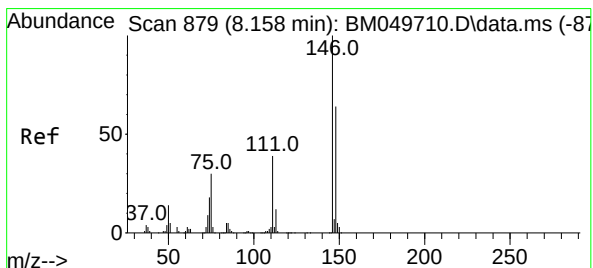
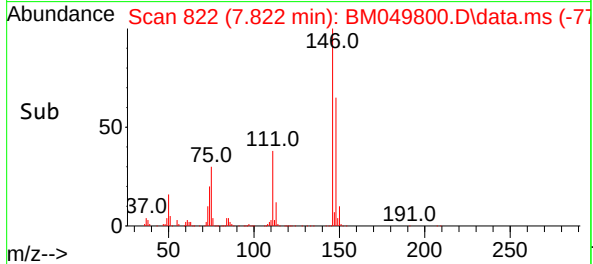
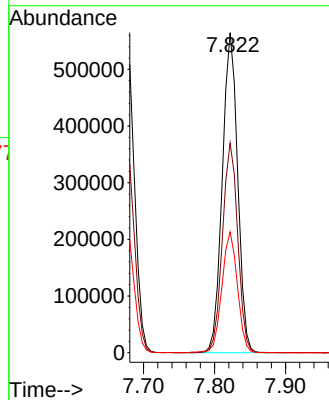
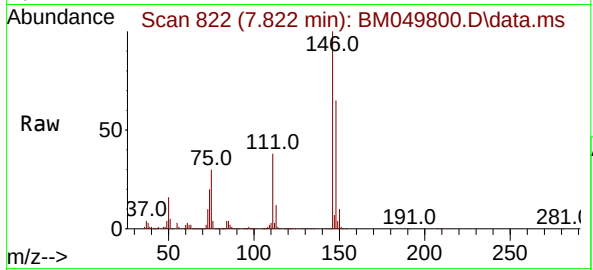




#13
1,4-Dichlorobenzene
Concen: 38.020 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

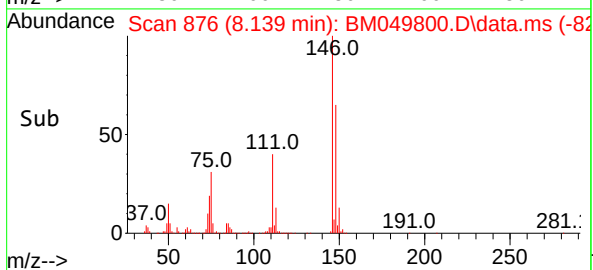
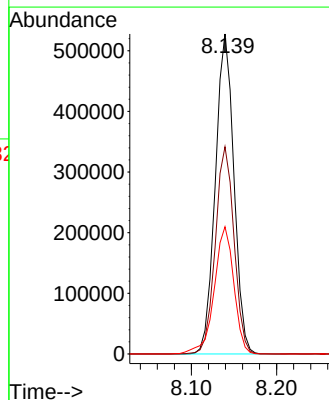
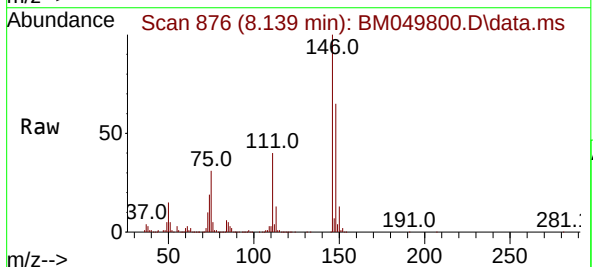
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

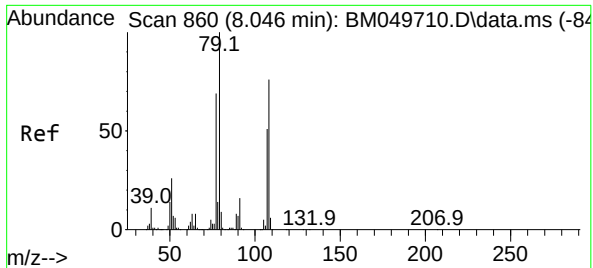
Tgt Ion:146 Resp: 844273
Ion Ratio Lower Upper
146 100
148 65.5 52.6 79.0
111 37.8 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 37.820 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:146 Resp: 798155
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
111 39.8 31.0 46.6

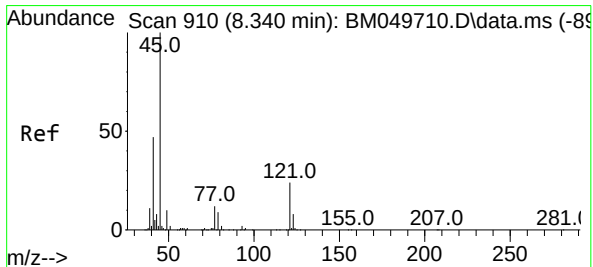
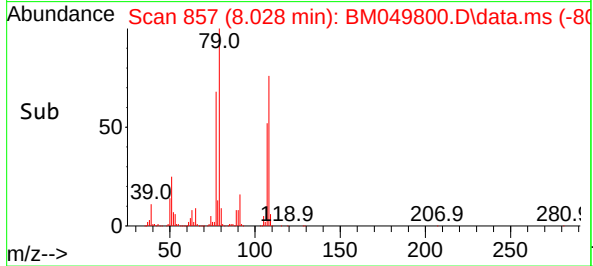
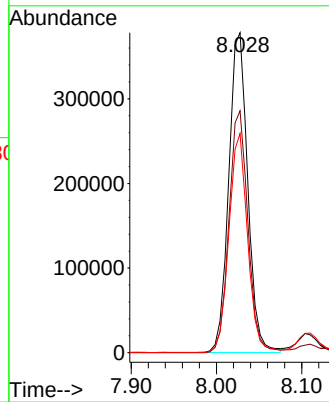
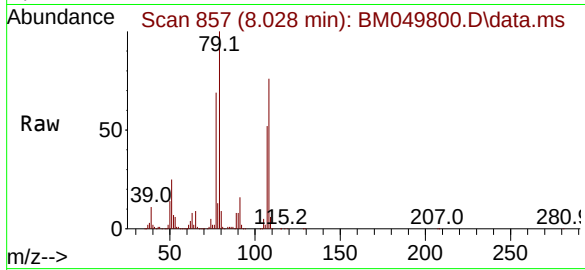




#15
Benzyl Alcohol
Concen: 40.586 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

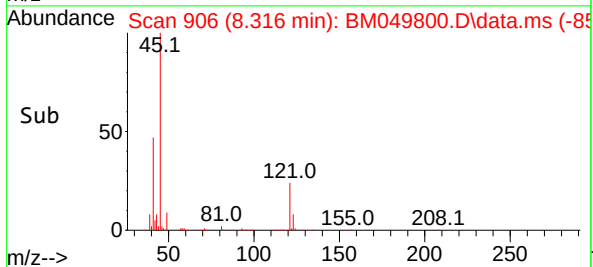
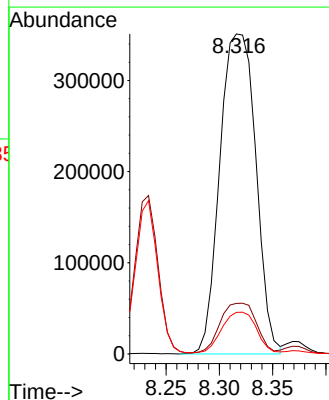
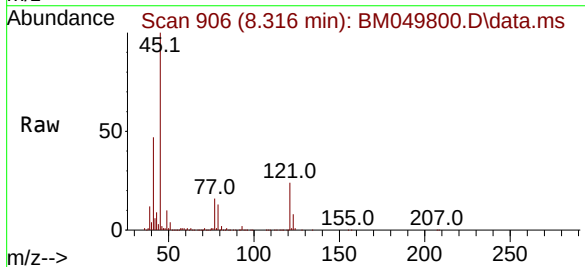
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

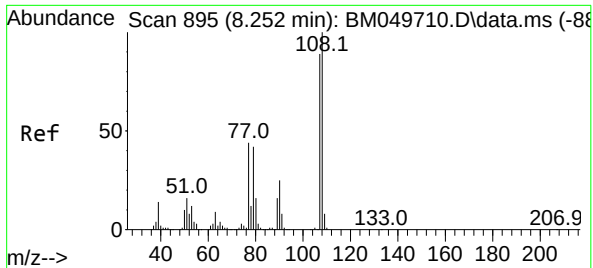
Tgt Ion: 79 Resp: 584620
Ion Ratio Lower Upper
79 100
108 75.6 60.7 91.1
77 68.5 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.966 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion: 45 Resp: 825424
Ion Ratio Lower Upper
45 100
77 15.8 0.0 36.1
79 13.0 0.0 32.8





#17

2-Methylphenol

Concen: 39.851 ng

RT: 8.234 min Scan# 895

Delta R.T. -0.018 min

Lab File: BM049800.D

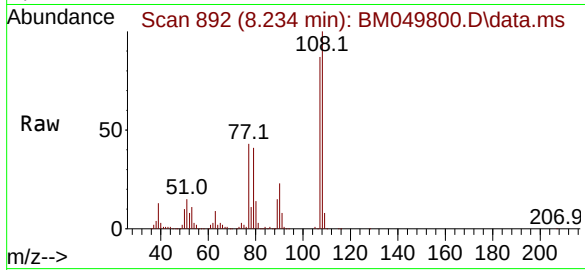
Acq: 03 Apr 2025 11:17

Instrument :

BNA_M

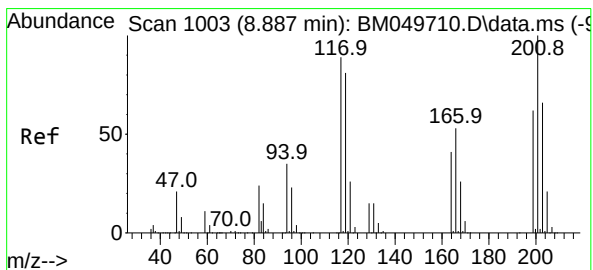
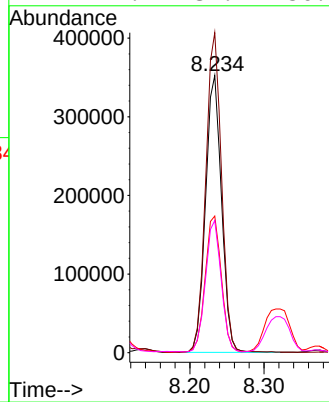
ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 526588

Ion	Ratio	Lower	Upper
107	100		
108	115.5	89.6	134.4
77	49.3	39.8	59.6
79	47.7	37.4	56.2



#18

Hexachloroethane

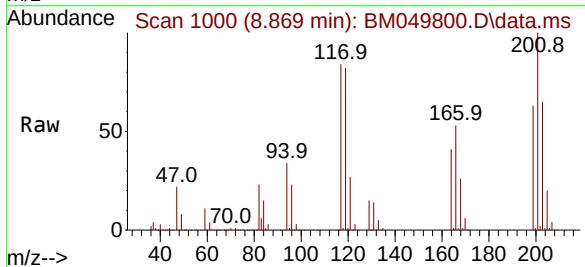
Concen: 38.720 ng

RT: 8.869 min Scan# 1000

Delta R.T. -0.018 min

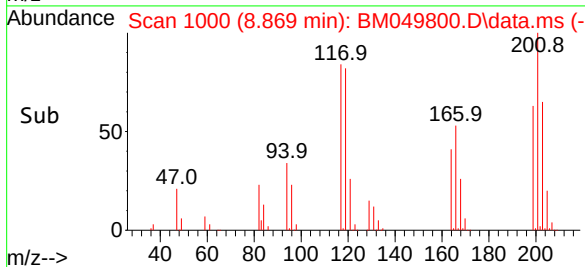
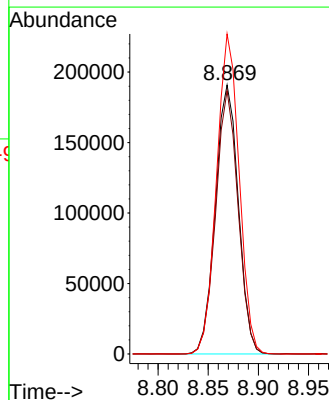
Lab File: BM049800.D

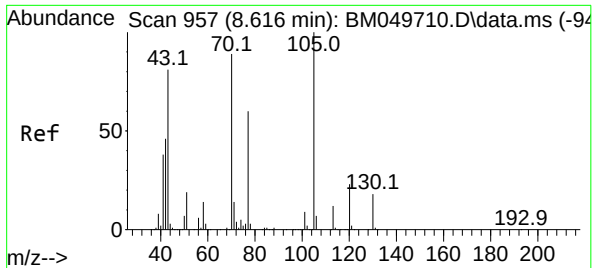
Acq: 03 Apr 2025 11:17



Tgt Ion:117 Resp: 303638

Ion	Ratio	Lower	Upper
117	100		
119	97.9	73.1	109.7
201	119.0	90.0	135.0



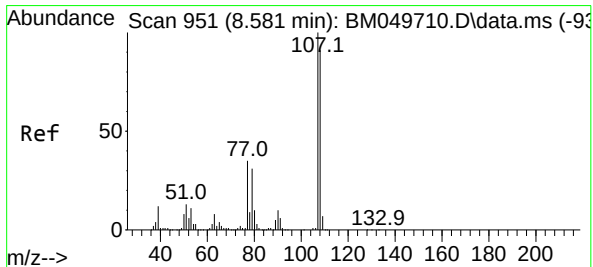
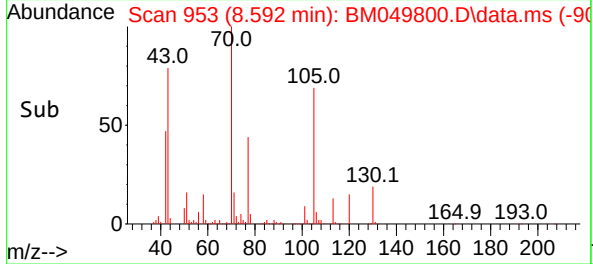
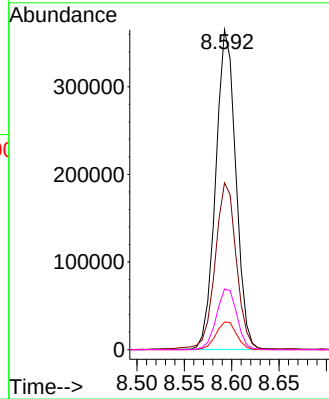
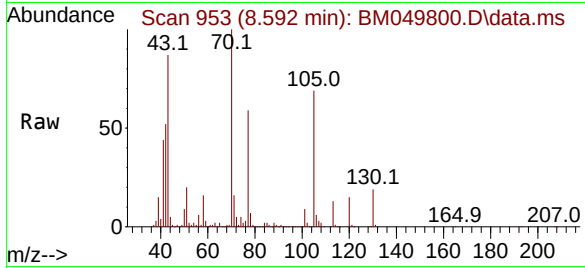


#19
n-Nitroso-di-n-propylamine
Concen: 40.470 ng
RT: 8.592 min Scan# 911
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 538644

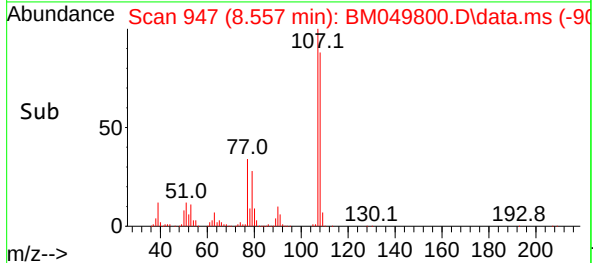
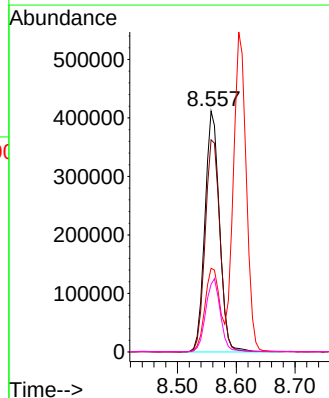
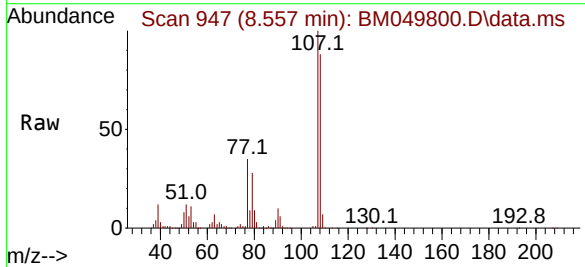
Ion	Ratio	Lower	Upper
70	100		
42	52.1	41.8	62.6
101	8.7	7.7	11.5
130	19.0	16.2	24.4

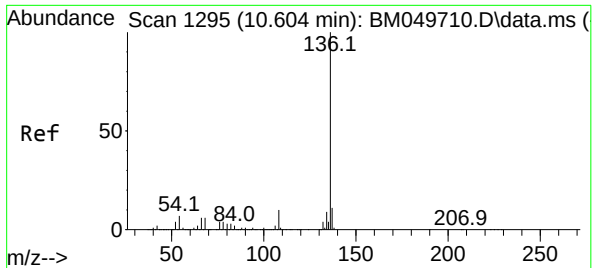


#20
3+4-Methylphenols
Concen: 40.268 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion: 107 Resp: 713069

Ion	Ratio	Lower	Upper
107	100		
108	88.1	71.0	111.0
77	34.8	15.1	55.1
79	28.1	11.2	51.2

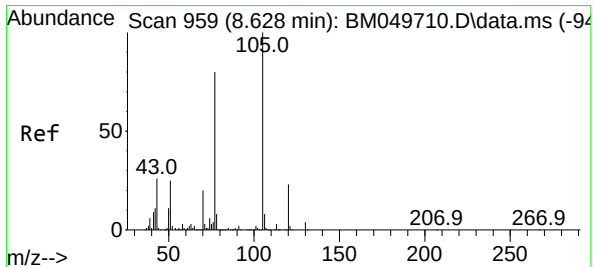
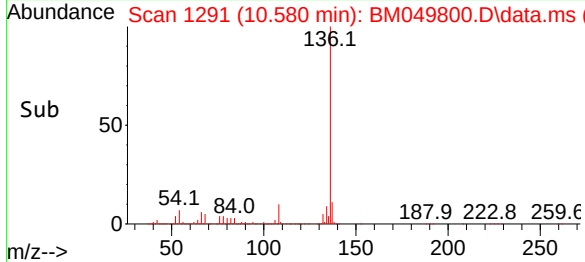
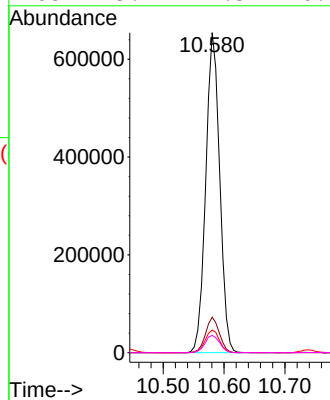
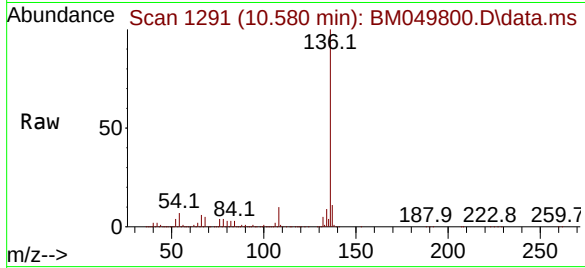




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

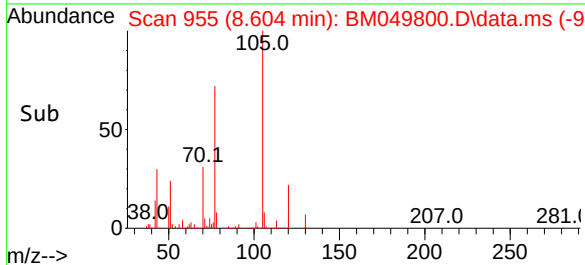
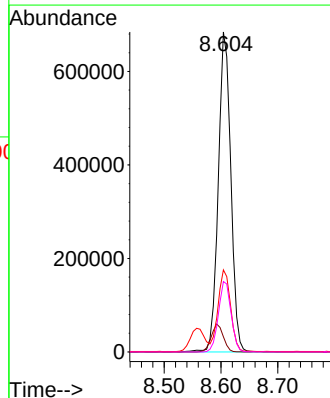
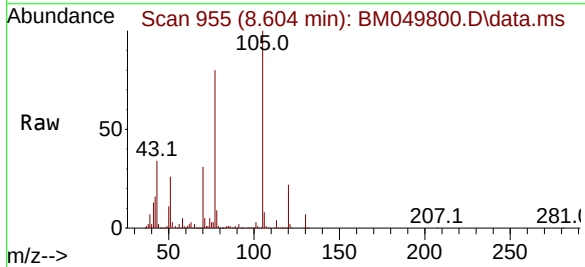
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

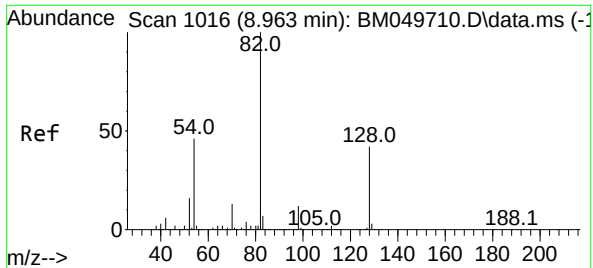
Tgt Ion:136 Resp: 1039482
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.0 5.8 8.8
68 5.4 4.5 6.7



#22
Acetophenone
Concen: 39.124 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:105 Resp: 1048605
Ion Ratio Lower Upper
105 100
71 4.7 2.5 3.7#
51 25.7 19.9 29.9
120 22.0 18.3 27.5





#23

Nitrobenzene-d5

Concen: 79.273 ng

RT: 8.939 min Scan# 1012

Delta R.T. -0.024 min

Lab File: BM049800.D

Acq: 03 Apr 2025 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

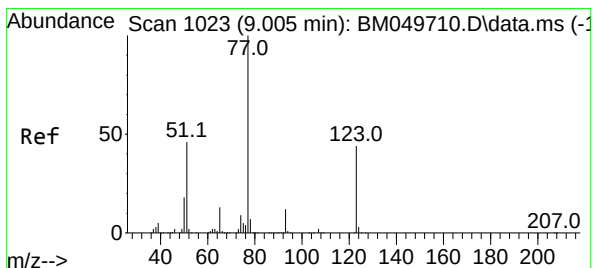
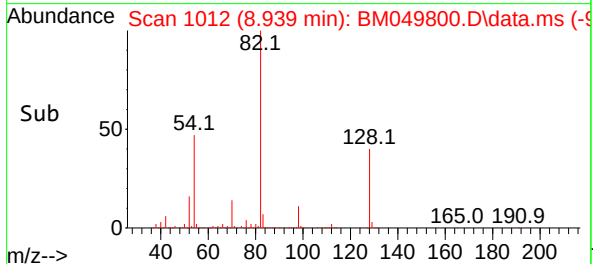
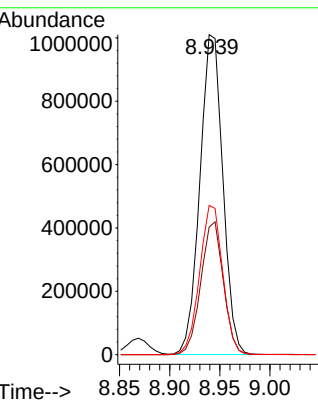
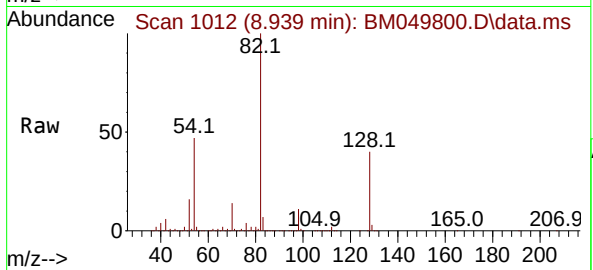
Tgt Ion: 82 Resp: 1604996

Ion Ratio Lower Upper

82 100

128 39.9 33.4 50.0

54 46.7 36.4 54.6



#24

Nitrobenzene

Concen: 39.849 ng

RT: 8.986 min Scan# 1020

Delta R.T. -0.018 min

Lab File: BM049800.D

Acq: 03 Apr 2025 11:17

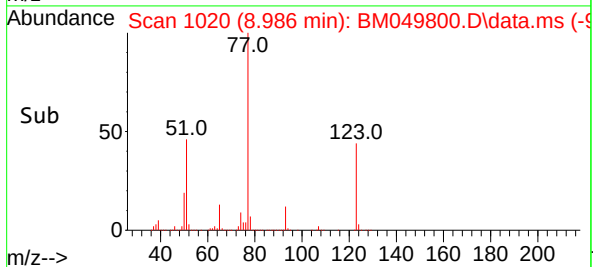
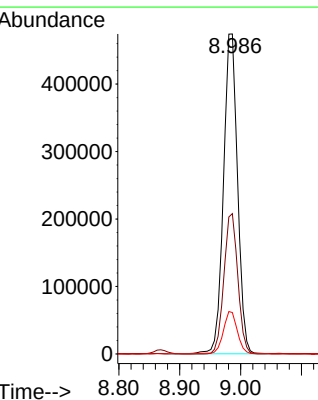
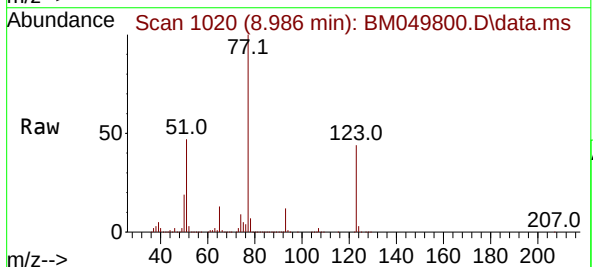
Tgt Ion: 77 Resp: 760756

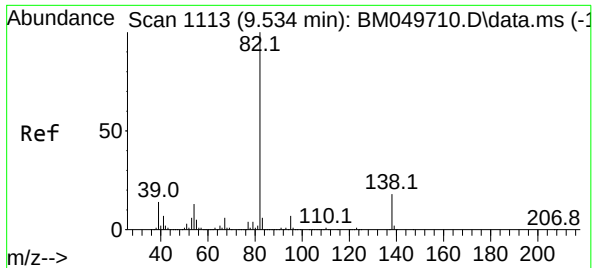
Ion Ratio Lower Upper

77 100

123 43.8 34.9 52.3

65 12.9 10.6 15.8

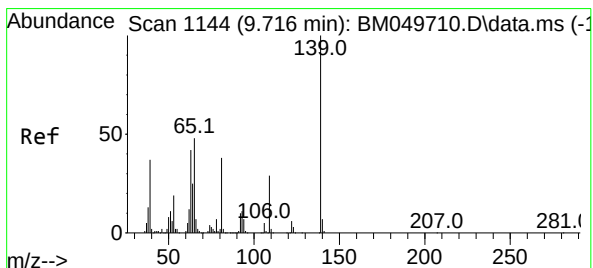
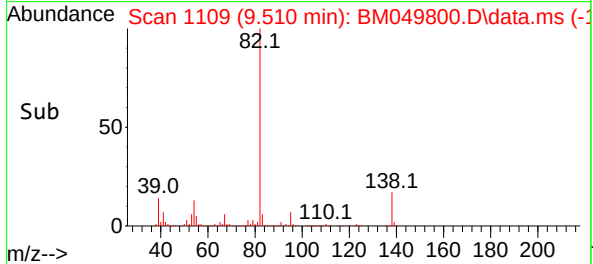
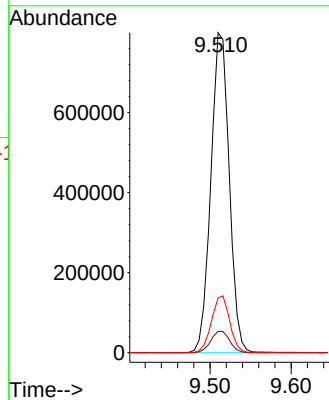
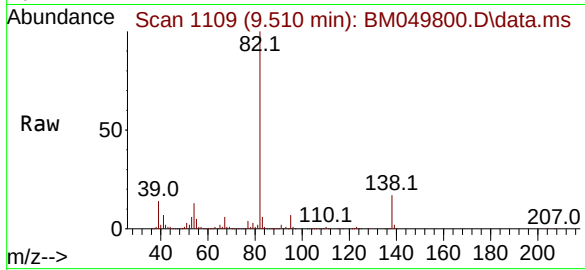




#25
Isophorone
Concen: 40.380 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

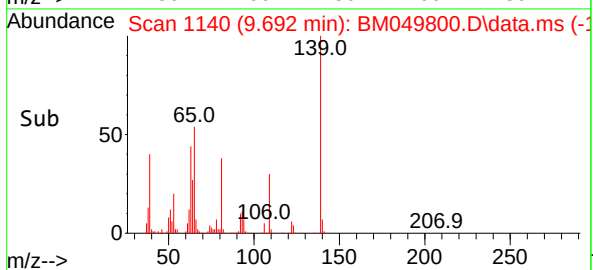
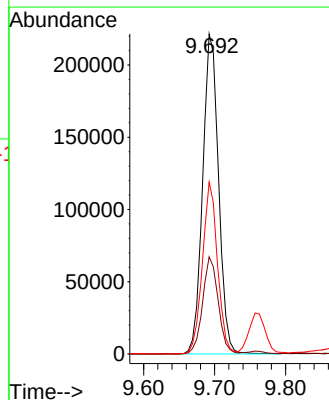
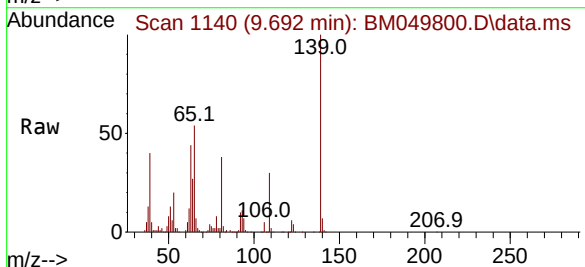
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

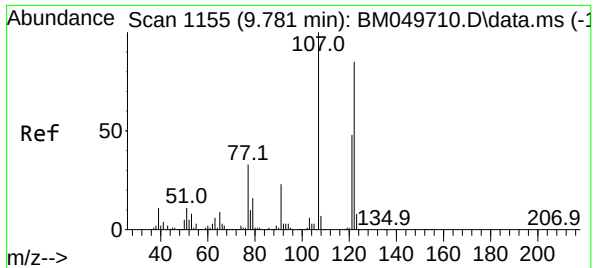
Tgt Ion: 82 Resp: 1255236
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 17.1 14.4 21.6



#26
2-Nitrophenol
Concen: 42.496 ng
RT: 9.692 min Scan# 1140
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion: 139 Resp: 345299
Ion Ratio Lower Upper
139 100
109 30.3 23.3 34.9
65 53.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 39.998 ng

RT: 9.763 min Scan# 1152

Delta R.T. -0.018 min

Lab File: BM049800.D

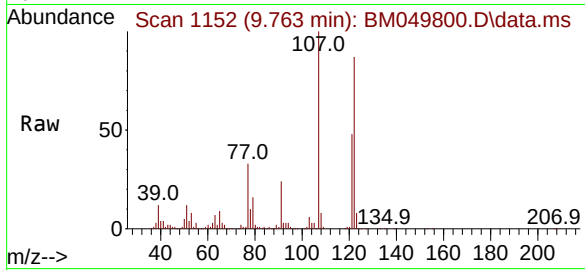
Acq: 03 Apr 2025 11:17

Instrument :

BNA_M

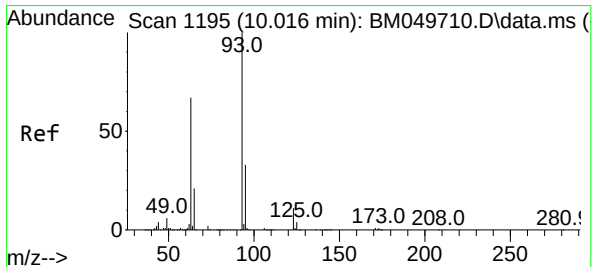
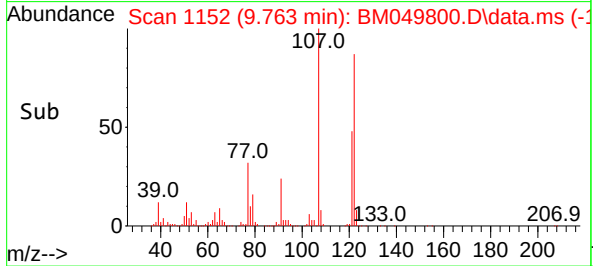
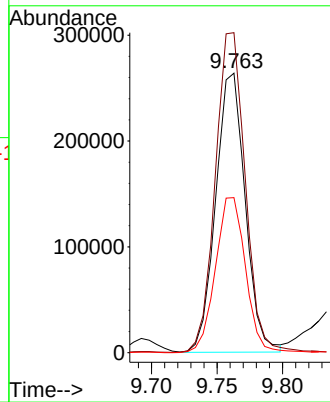
ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 413691

Ion	Ratio	Lower	Upper
122	100		
107	114.5	94.3	141.5
121	55.5	45.4	68.2



#28

bis(2-Chloroethoxy)methane

Concen: 39.015 ng

RT: 9.992 min Scan# 1191

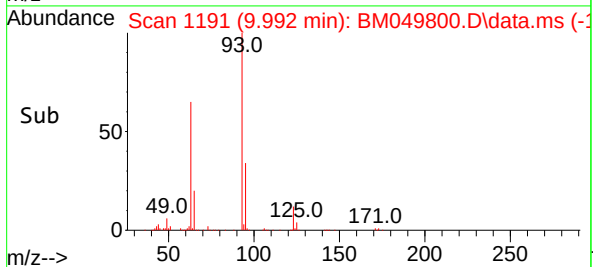
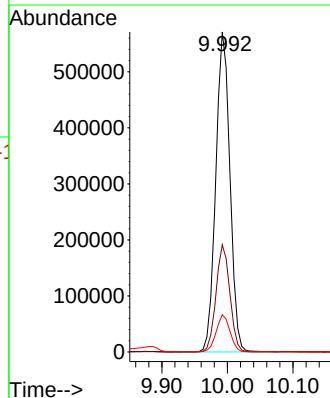
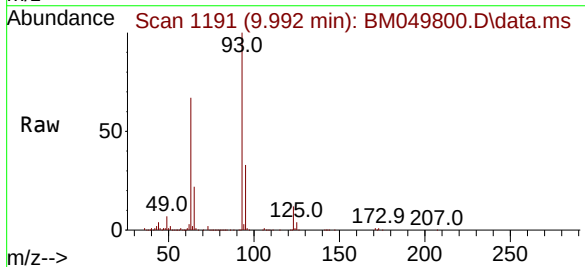
Delta R.T. -0.024 min

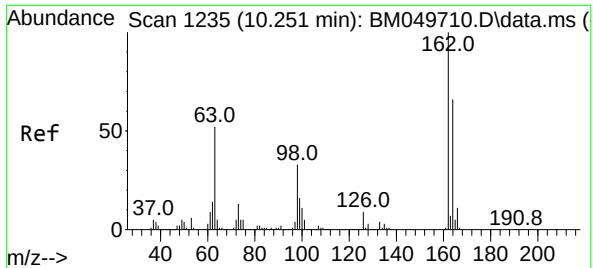
Lab File: BM049800.D

Acq: 03 Apr 2025 11:17

Tgt Ion: 93 Resp: 854193

Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	40.0
123	11.6	9.0	13.6

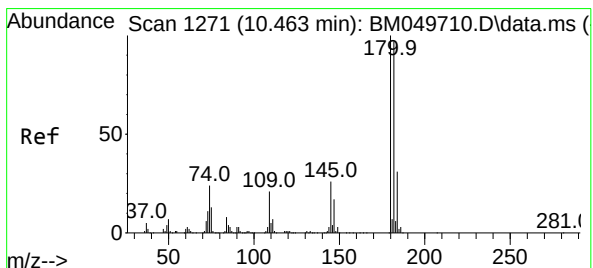
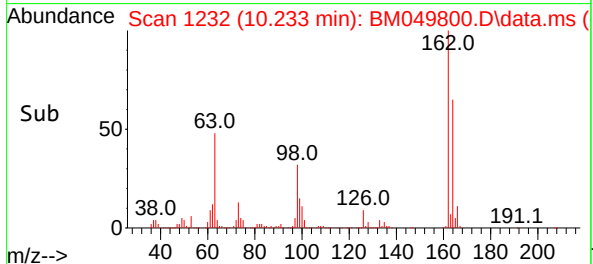
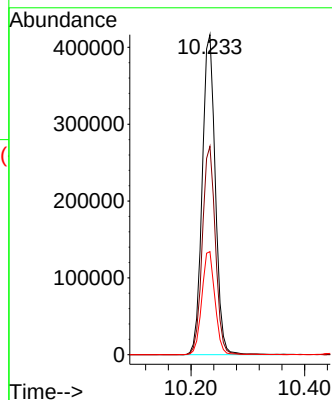
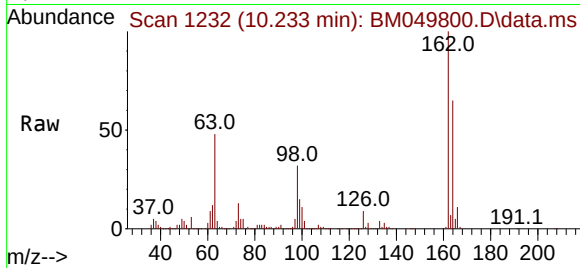




#29
2,4-Dichlorophenol
Concen: 39.431 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

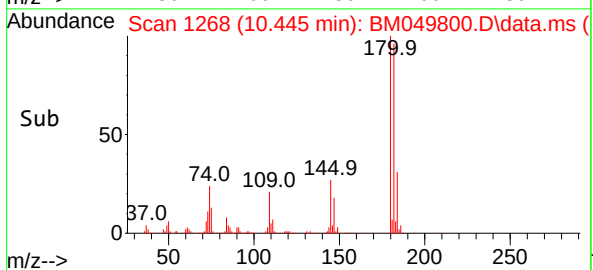
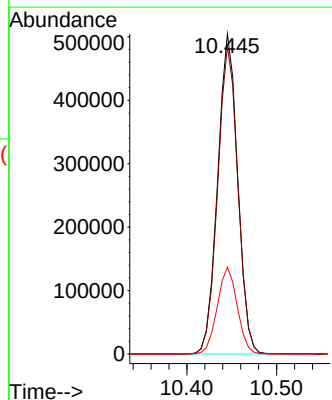
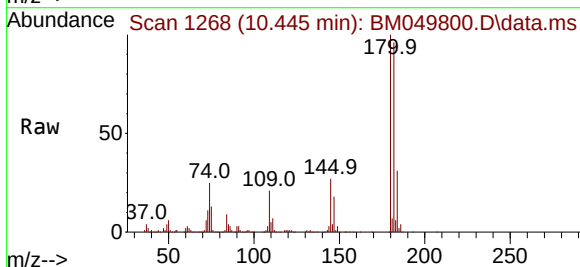
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

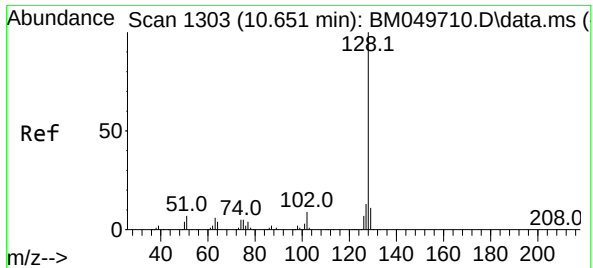
Tgt Ion:162 Resp: 664531
Ion Ratio Lower Upper
162 100
164 65.1 46.3 86.3
98 32.2 12.8 52.8



#30
1,2,4-Trichlorobenzene
Concen: 37.041 ng
RT: 10.445 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:180 Resp: 781043
Ion Ratio Lower Upper
180 100
182 96.3 77.7 116.5
145 27.1 21.0 31.4

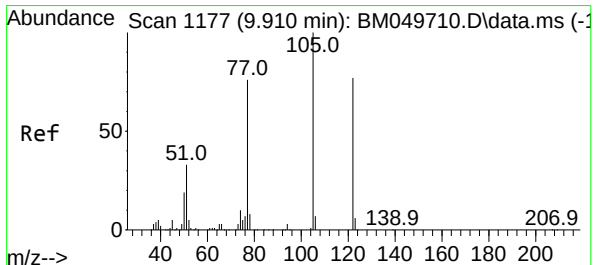
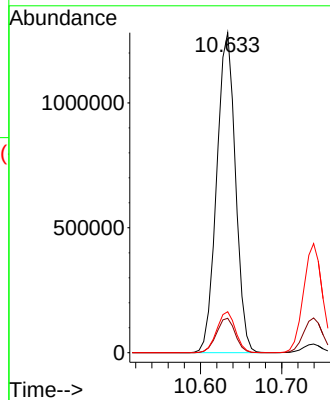
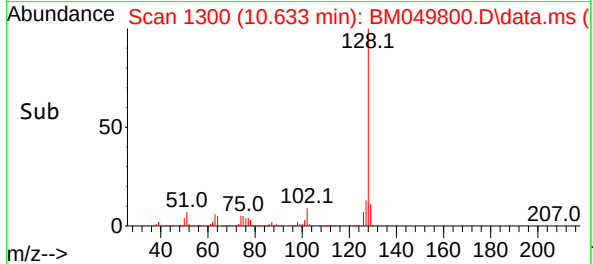
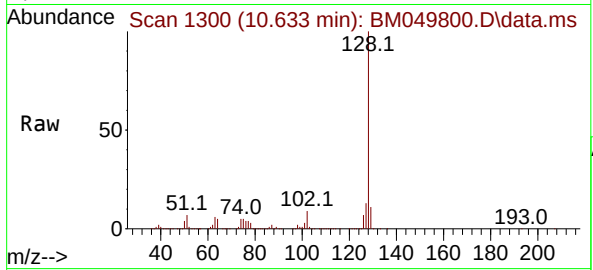




#31
Naphthalene
Concen: 38.515 ng
RT: 10.633 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

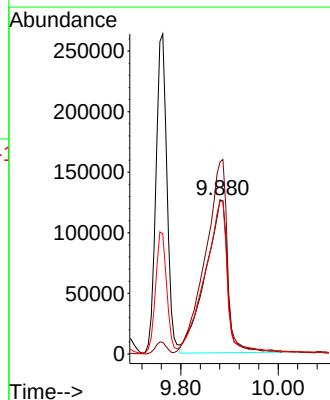
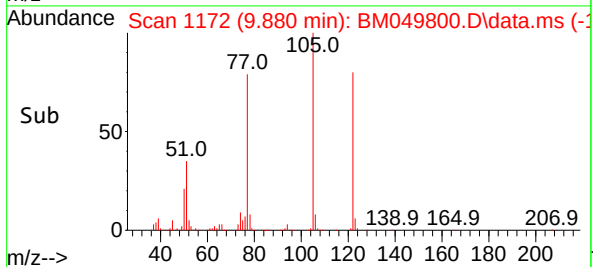
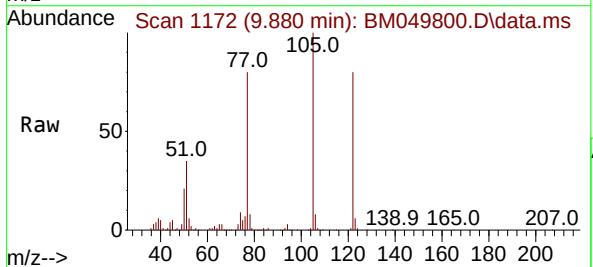
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

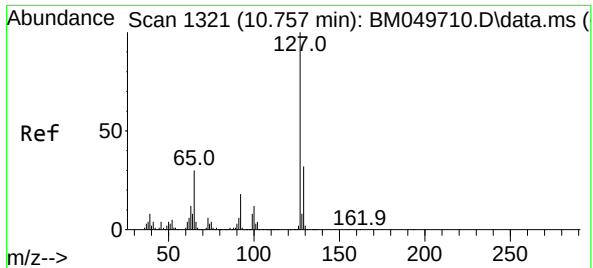
Tgt Ion:128 Resp: 2058657
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 45.420 ng
RT: 9.880 min Scan# 1172
Delta R.T. -0.030 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:122 Resp: 399523
Ion Ratio Lower Upper
122 100
105 124.7 105.6 145.6
77 99.1 76.9 116.9

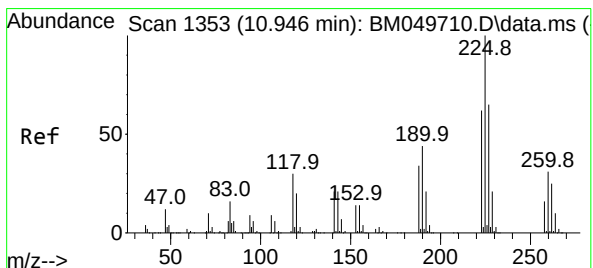
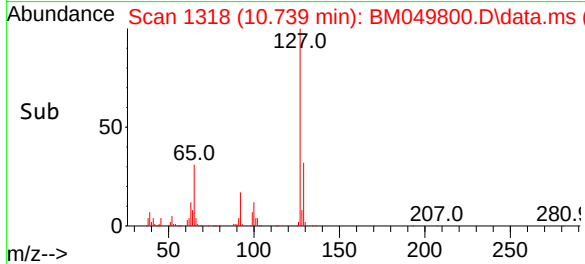
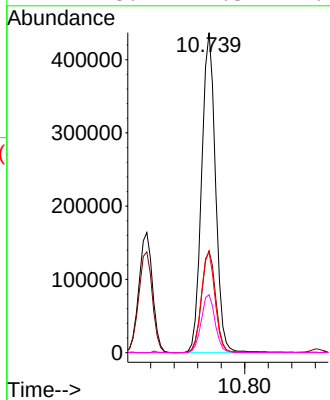
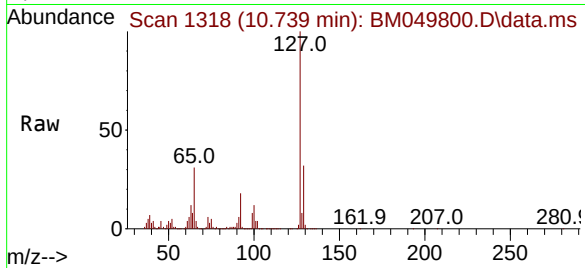




#33
4-Chloroaniline
Concen: 39.278 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

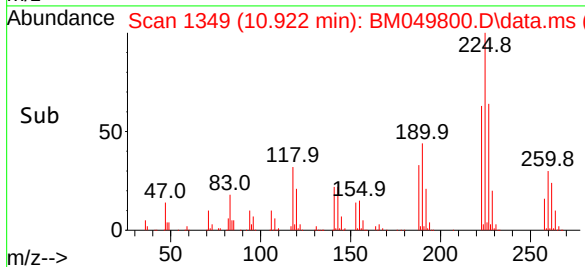
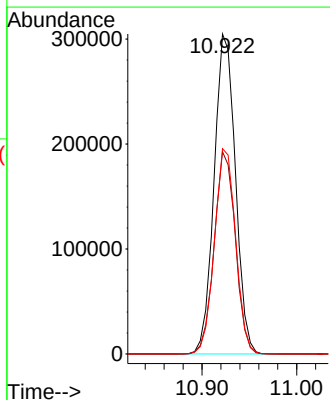
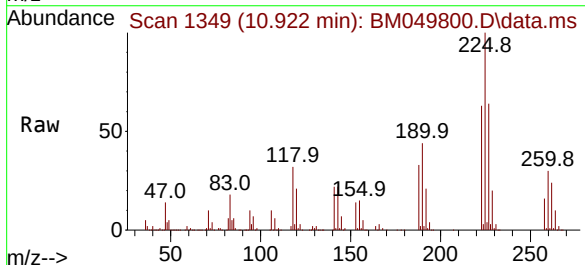
Instrument :
BNA_M
ClientSampleId :
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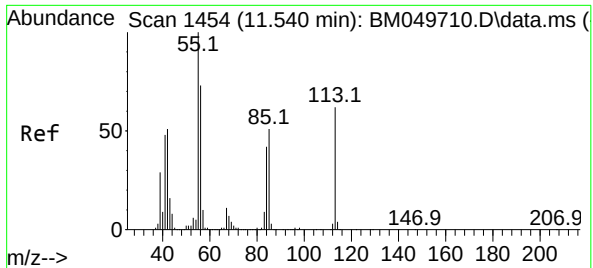
Tgt Ion:127 Resp: 716489
Ion Ratio Lower Upper
127 100
129 31.9 25.7 38.5
65 31.5 24.1 36.1
92 18.1 14.5 21.7



#34
Hexachlorobutadiene
Concen: 36.640 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:225 Resp: 476937
Ion Ratio Lower Upper
225 100
223 63.2 49.8 74.8
227 64.2 52.1 78.1

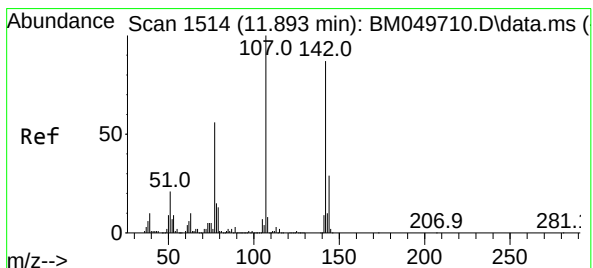
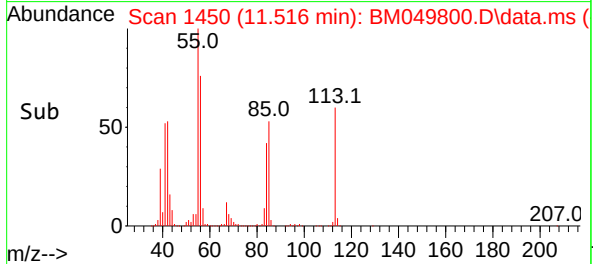
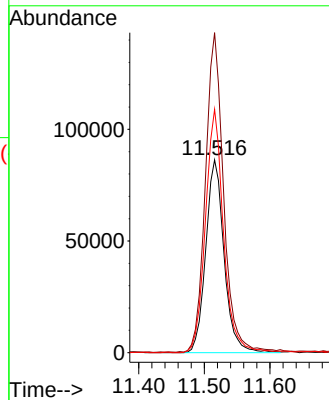
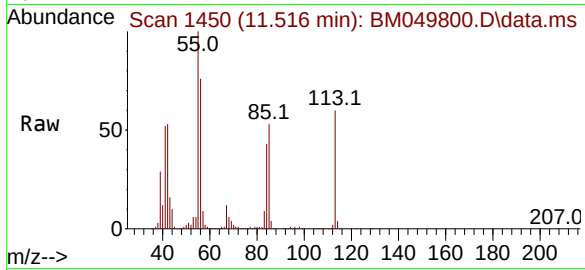




#35
Caprolactam
Concen: 43.032 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

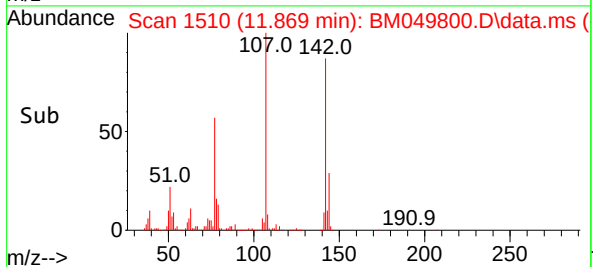
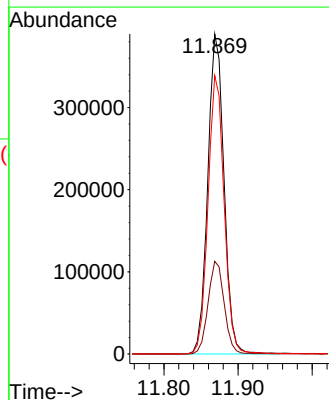
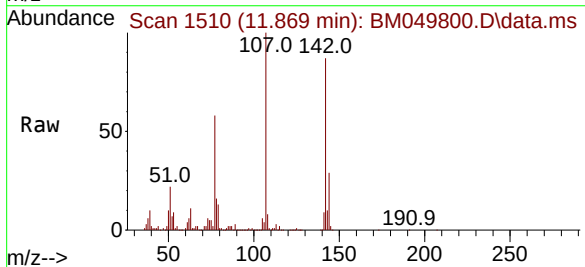
Instrument :
BNA_M
ClientSampleId :
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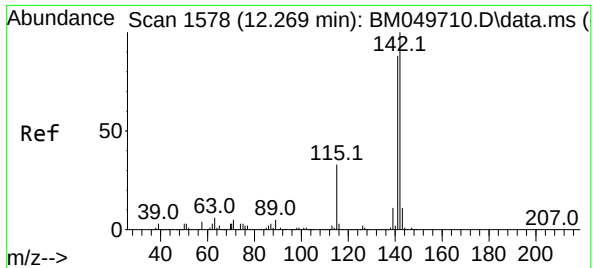
Tgt Ion:113 Resp: 168376
Ion Ratio Lower Upper
113 100
55 166.0 141.8 181.8
56 126.3 98.0 138.0



#36
4-Chloro-3-methylphenol
Concen: 41.032 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:107 Resp: 593443
Ion Ratio Lower Upper
107 100
144 29.0 23.0 34.6
142 87.0 69.8 104.8

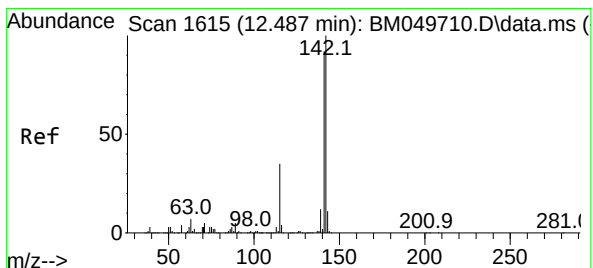
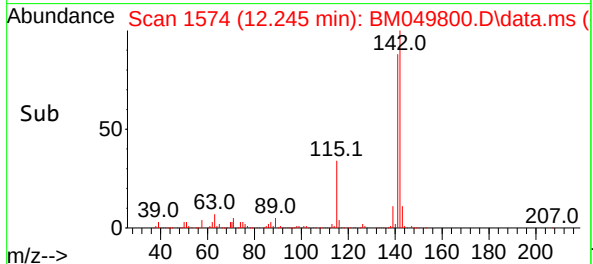
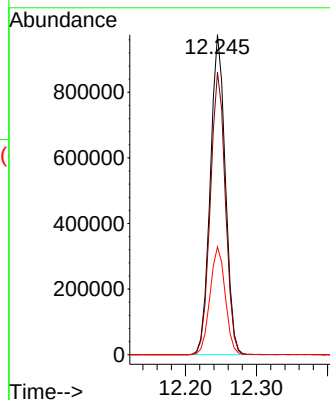
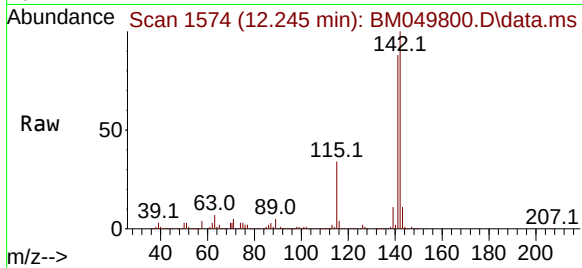




#37
2-Methylnaphthalene
Concen: 38.428 ng
RT: 12.245 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

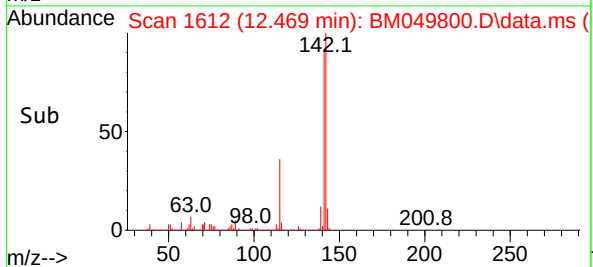
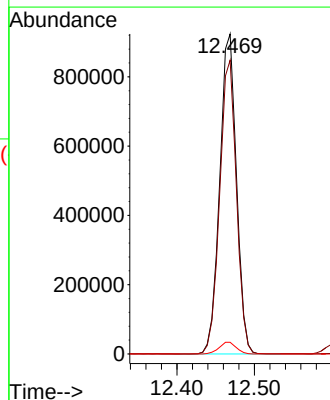
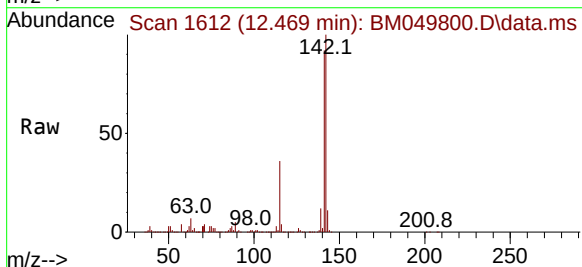
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

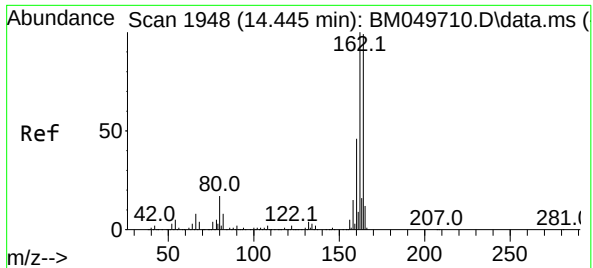
Tgt Ion:142 Resp: 1436243
Ion Ratio Lower Upper
142 100
141 88.2 70.5 105.7
115 33.7 26.5 39.7



#38
1-Methylnaphthalene
Concen: 38.426 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:142 Resp: 1385635
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2
116 3.7 2.8 4.2

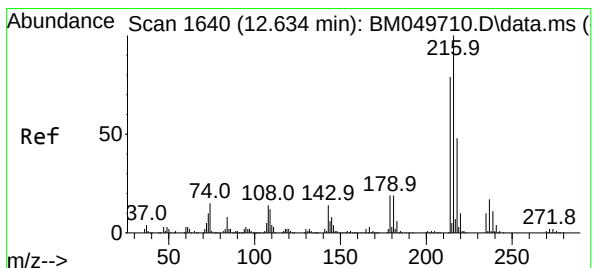
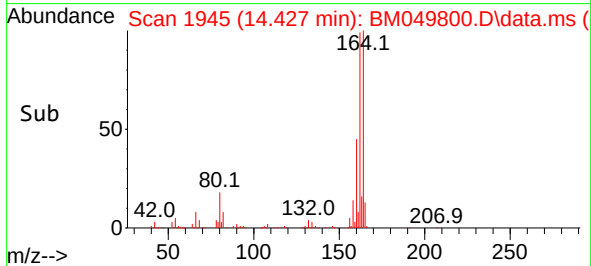
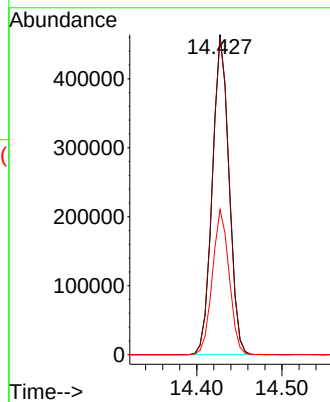
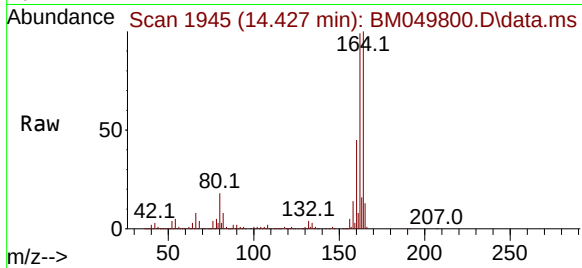




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

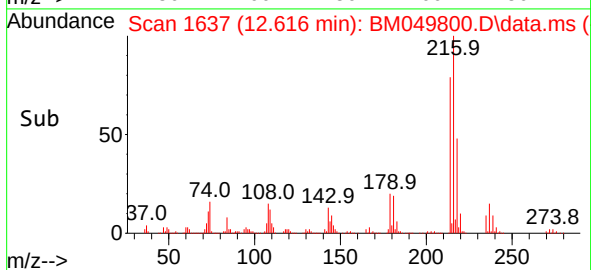
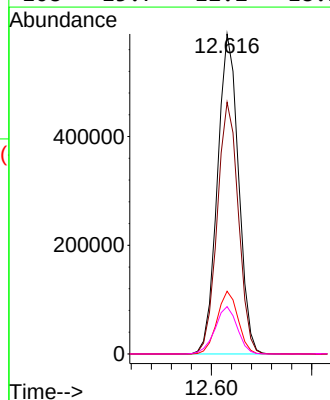
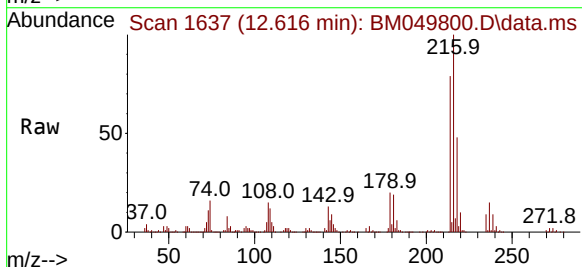
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

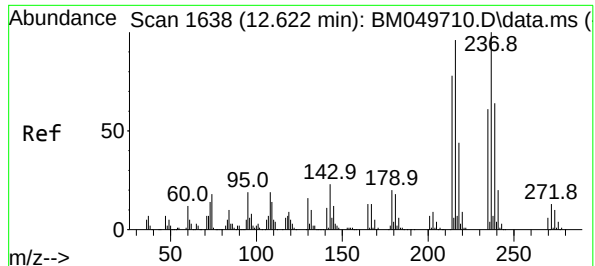
Tgt Ion:164 Resp: 628522
Ion Ratio Lower Upper
164 100
162 99.3 80.5 120.7
160 45.3 36.9 55.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.152 ng
RT: 12.616 min Scan# 1637
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:216 Resp: 857715
Ion Ratio Lower Upper
216 100
214 78.9 63.5 95.3
179 19.5 15.7 23.5
108 15.7 12.2 18.2

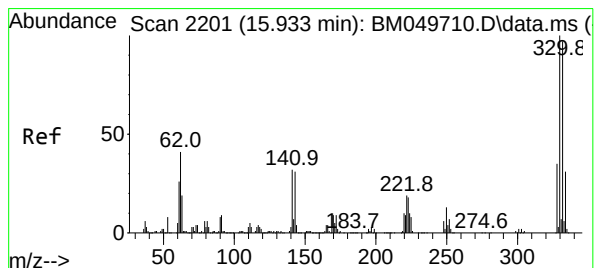
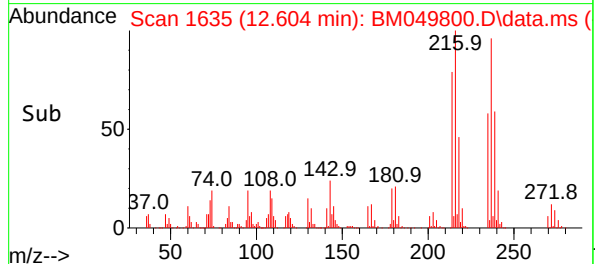
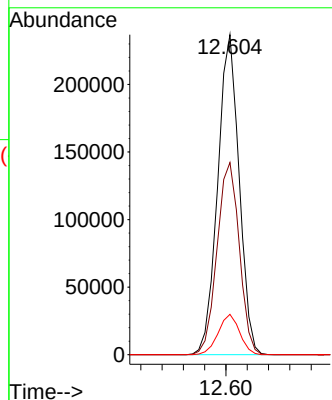
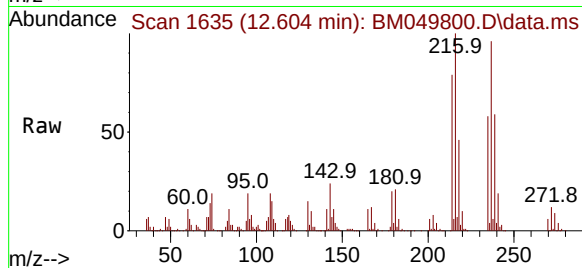




#41
Hexachlorocyclopentadiene
Concen: 38.592 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

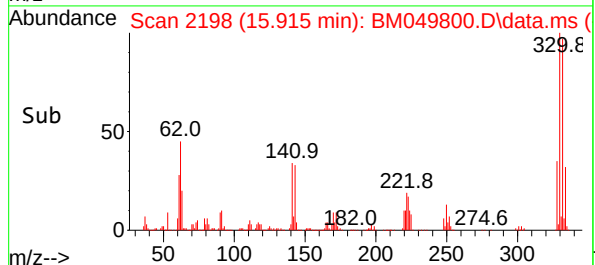
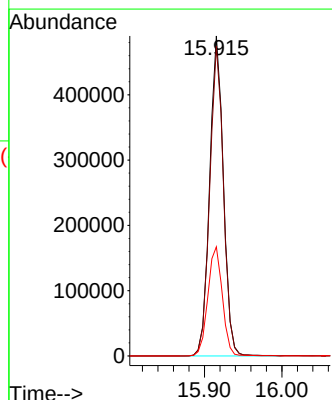
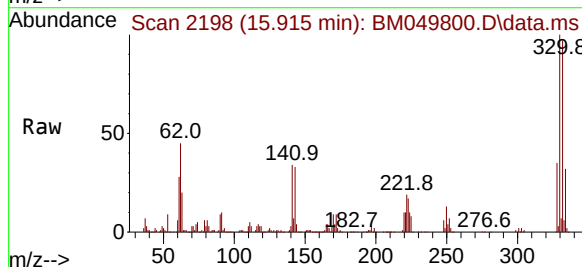
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

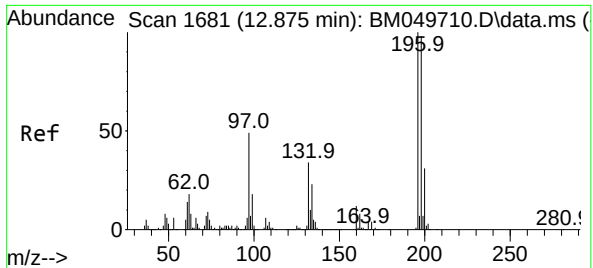
Tgt Ion:237 Resp: 330072
Ion Ratio Lower Upper
237 100
235 60.1 41.1 81.1
272 12.6 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 82.230 ng
RT: 15.915 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:330 Resp: 603509
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 36.0 27.8 41.6

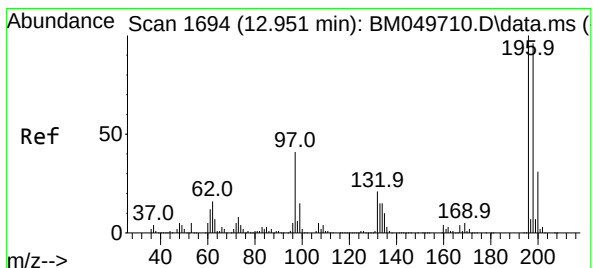
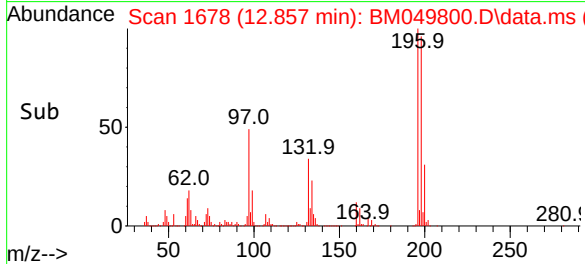
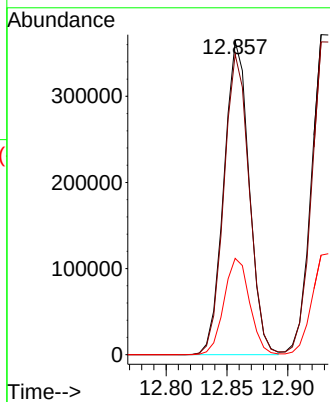
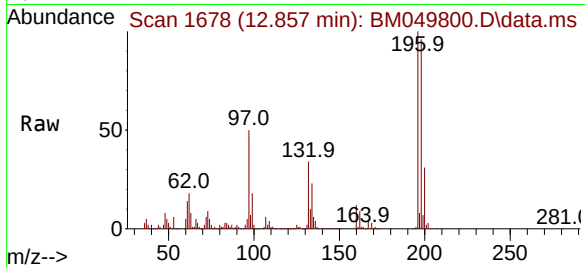




#43
2,4,6-Trichlorophenol
Concen: 40.692 ng
RT: 12.857 min Scan# 1681
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

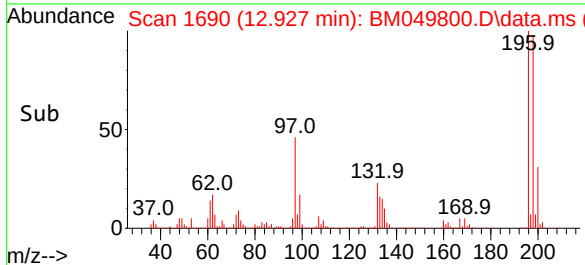
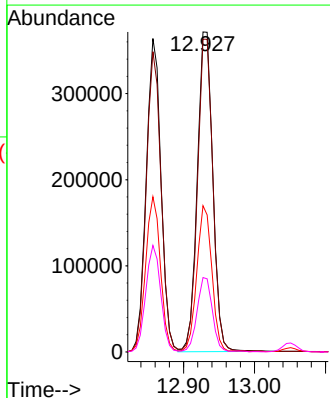
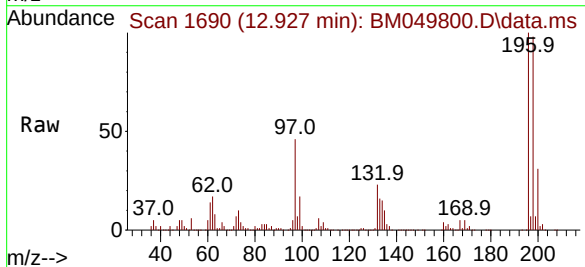
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

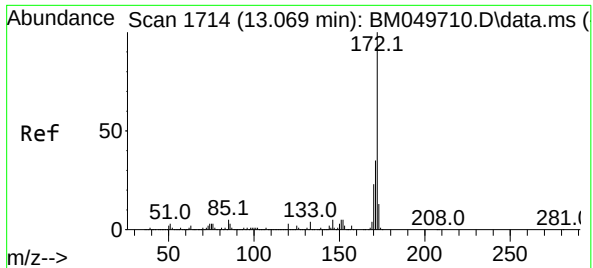
Tgt Ion:196 Resp: 526155
Ion Ratio Lower Upper
196 100
198 95.8 78.3 117.5
200 30.7 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 40.157 ng
RT: 12.927 min Scan# 1690
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:196 Resp: 566625
Ion Ratio Lower Upper
196 100
198 97.8 76.7 115.1
97 45.7 32.9 49.3
132 23.3 16.8 25.2

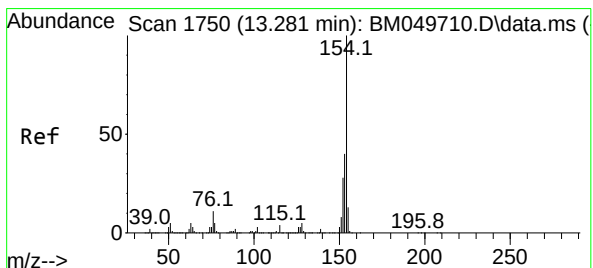
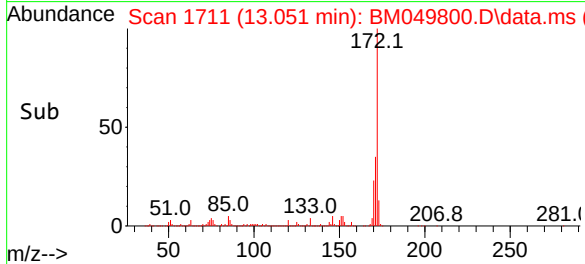
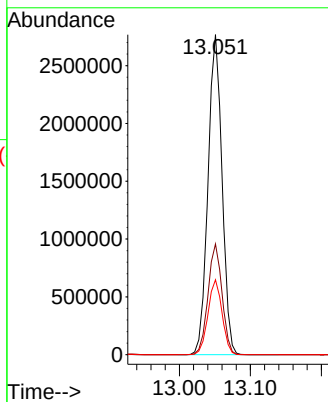
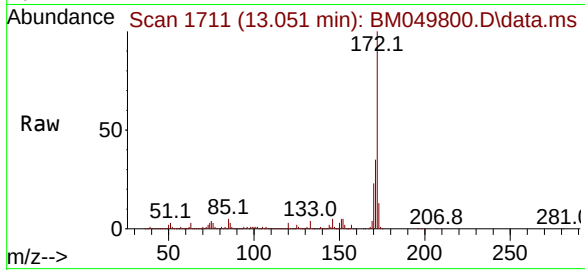




#45
2-Fluorobiphenyl
Concen: 75.710 ng
RT: 13.051 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

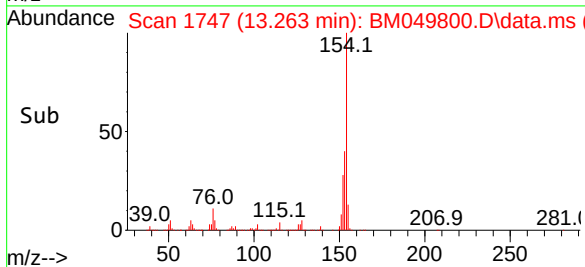
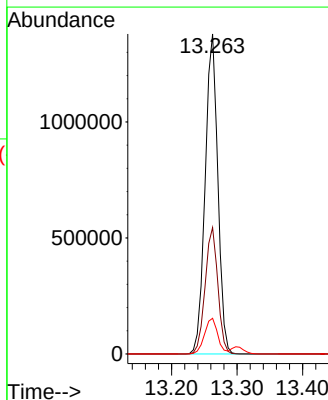
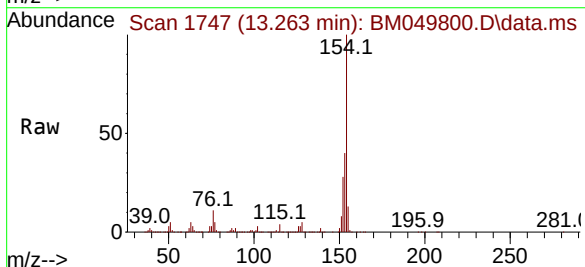
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

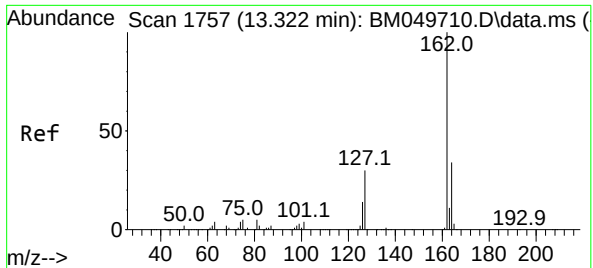
Tgt Ion:172 Resp: 3799607
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.298 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:154 Resp: 1855180
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 11.2 0.0 31.2

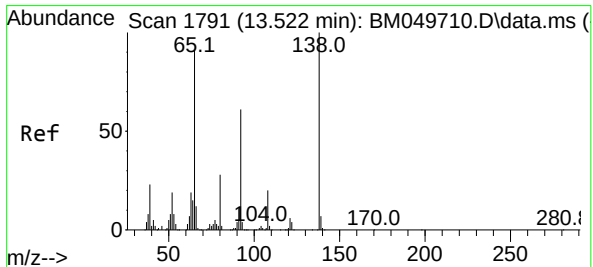
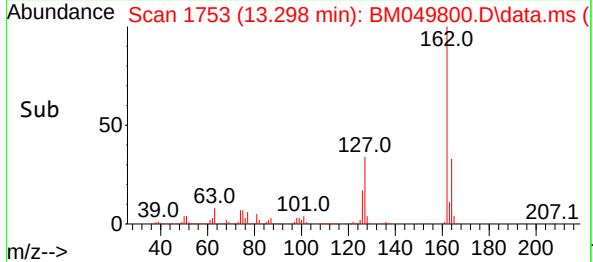
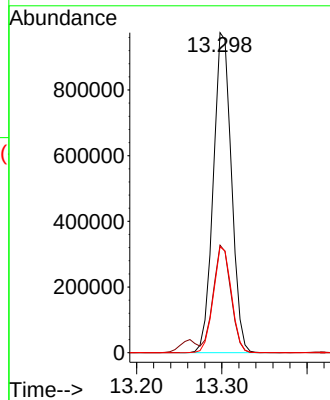
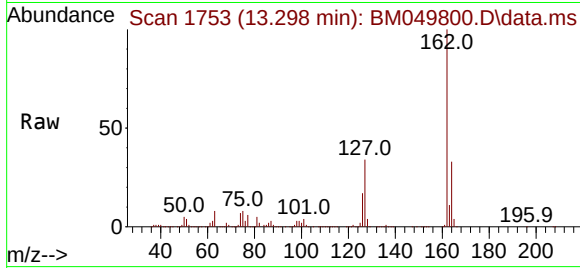




#47
2-Chloronaphthalene
Concen: 38.298 ng
RT: 13.298 min Scan# 1753
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

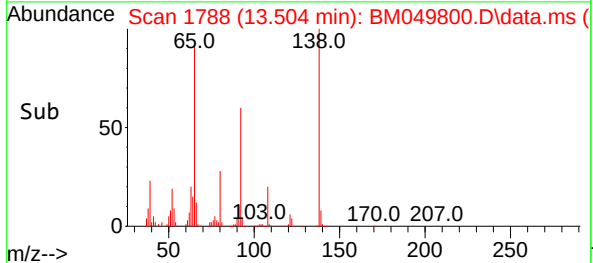
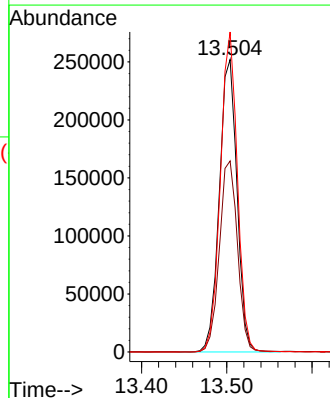
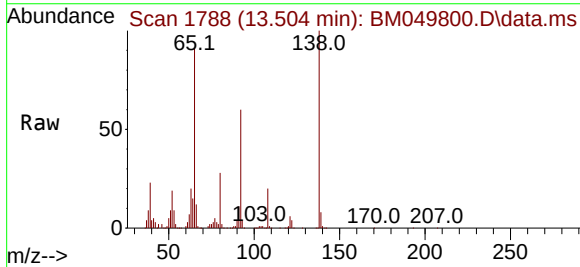
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

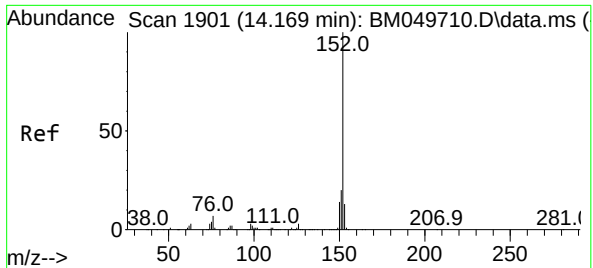
Tgt Ion:162 Resp: 1444023
Ion Ratio Lower Upper
162 100
127 33.6 25.8 38.6
164 33.1 27.1 40.7



#48
2-Nitroaniline
Concen: 42.961 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion: 65 Resp: 363632
Ion Ratio Lower Upper
65 100
92 65.3 53.4 80.2
138 109.4 87.6 131.4

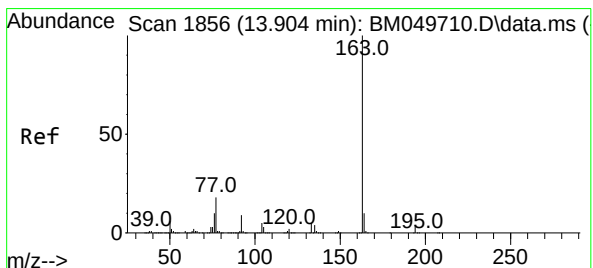
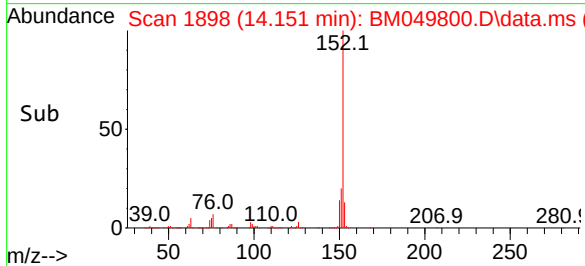
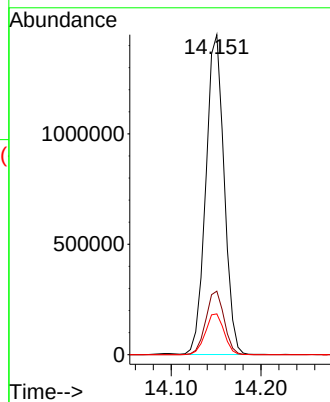
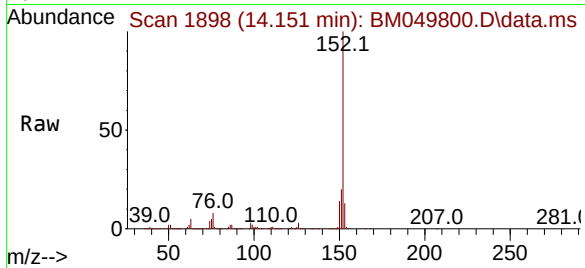




#49
Acenaphthylene
Concen: 38.851 ng
RT: 14.151 min Scan# 1898
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

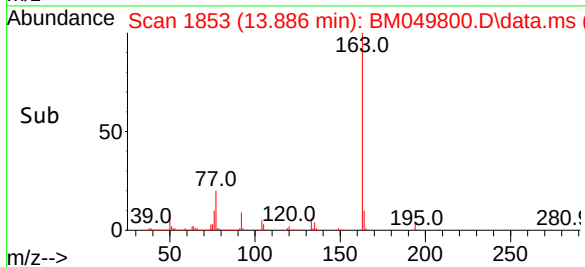
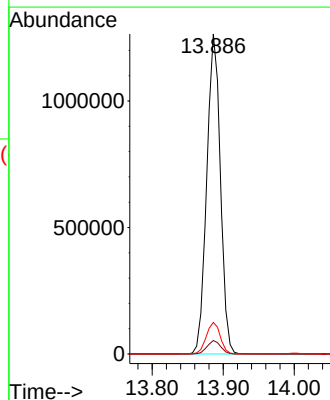
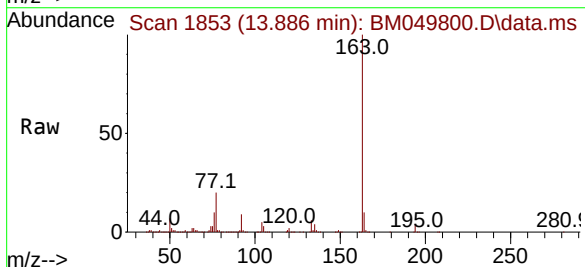
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

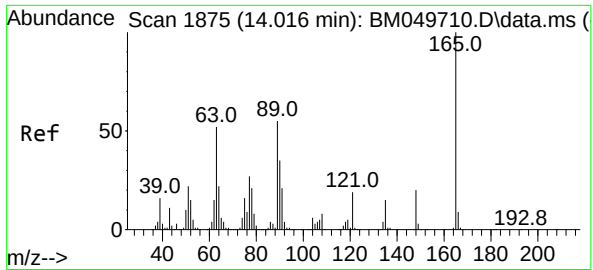
Tgt Ion:152 Resp: 2047560
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.7 10.2 15.4



#50
Dimethylphthalate
Concen: 39.048 ng
RT: 13.886 min Scan# 1853
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:163 Resp: 1689727
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 8.2 12.2

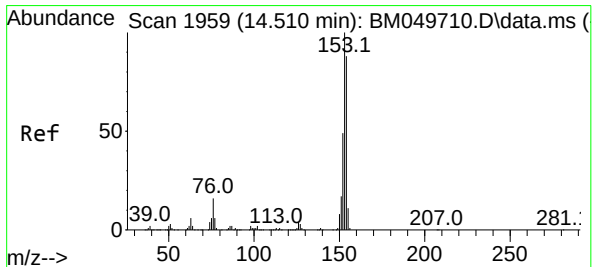
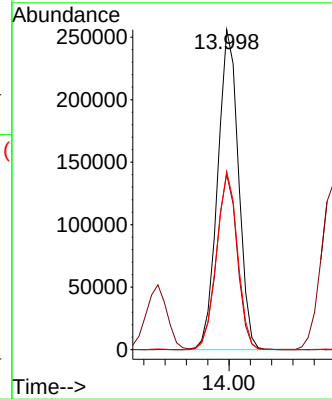
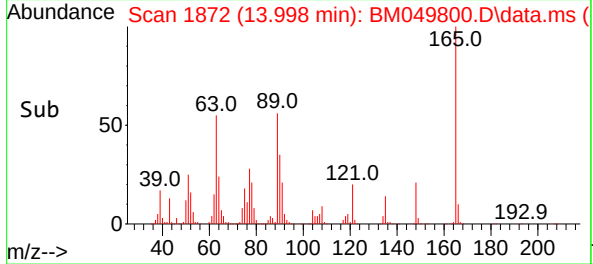
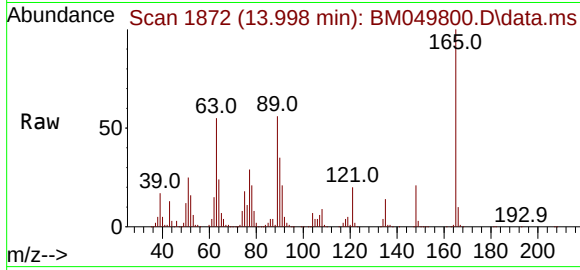




#51
2,6-Dinitrotoluene
Concen: 39.954 ng
RT: 13.998 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

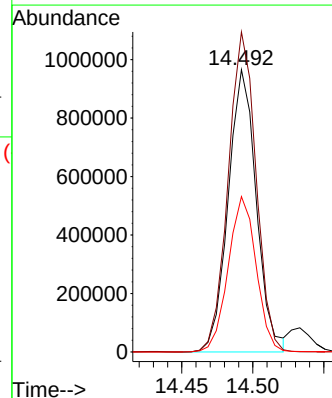
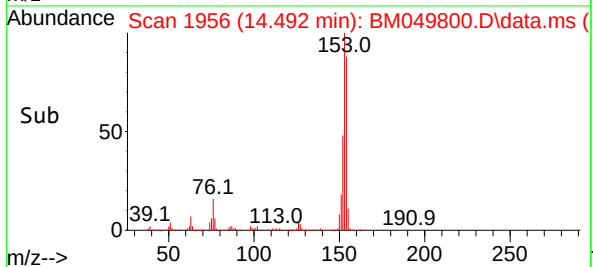
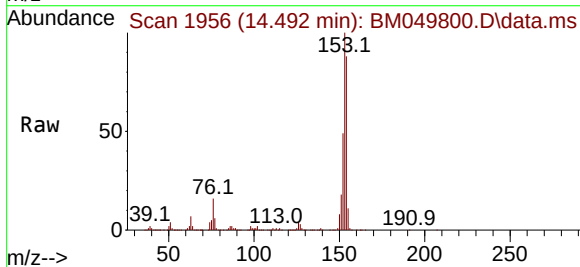
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

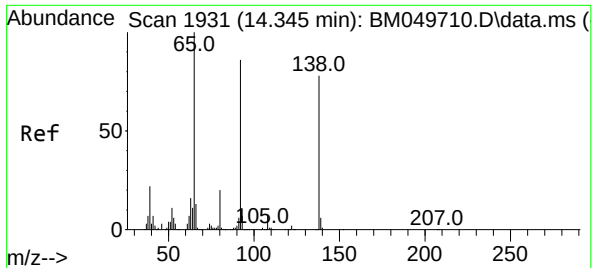
Tgt Ion:165 Resp: 346425
Ion Ratio Lower Upper
165 100
63 54.8 42.3 63.5
89 55.8 43.9 65.9



#52
Acenaphthene
Concen: 38.429 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:154 Resp: 1328502
Ion Ratio Lower Upper
154 100
153 113.4 90.4 135.6
152 55.1 44.2 66.2

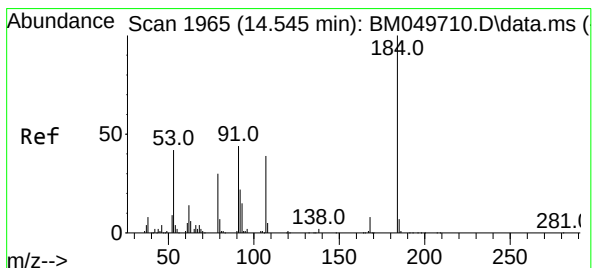
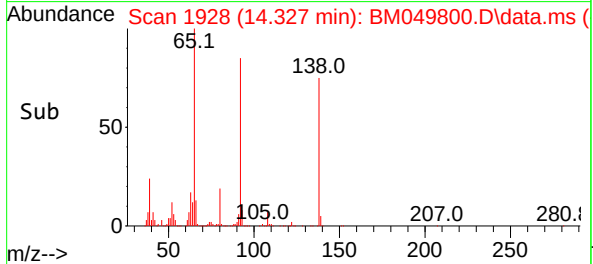
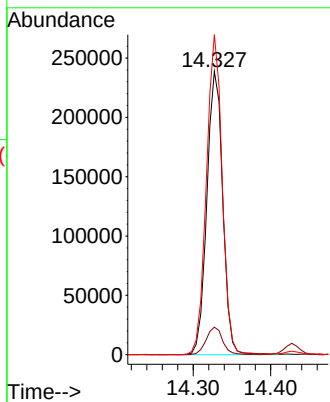
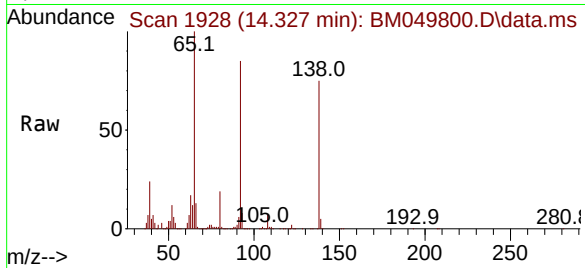




#53
3-Nitroaniline
Concen: 41.255 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

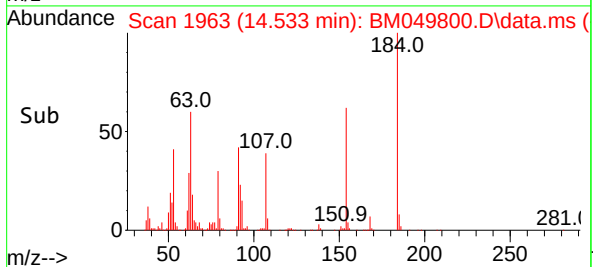
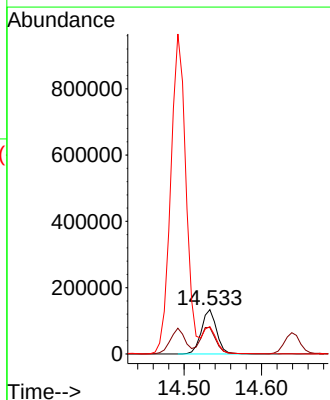
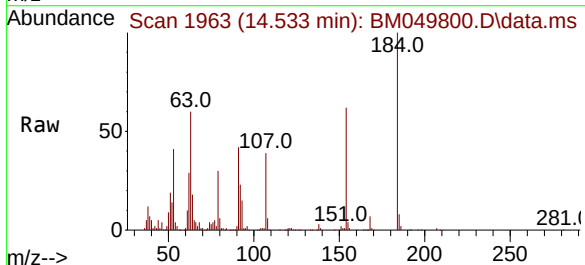
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

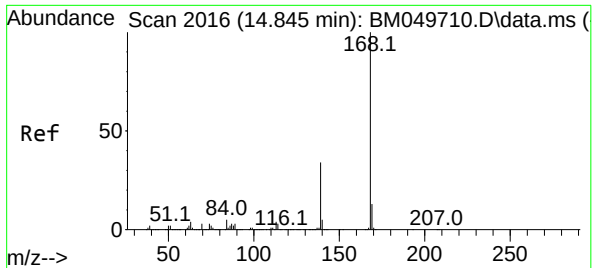
Tgt Ion:138 Resp: 340395
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 113.0 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 42.009 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:184 Resp: 181771
Ion Ratio Lower Upper
184 100
63 59.7 47.2 70.8
154 61.7 49.9 74.9

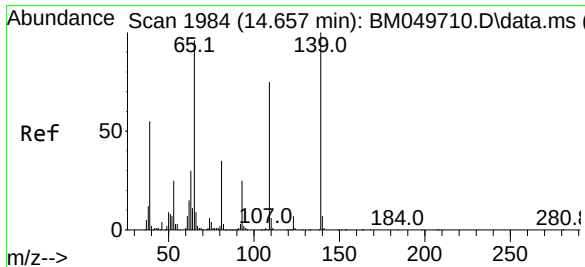
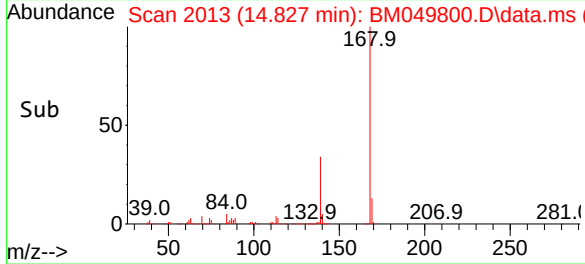
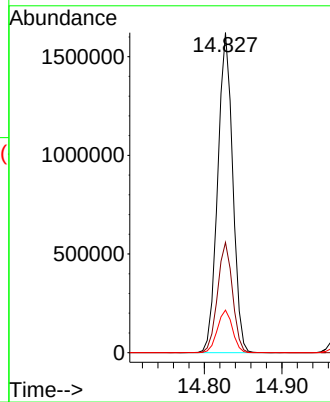
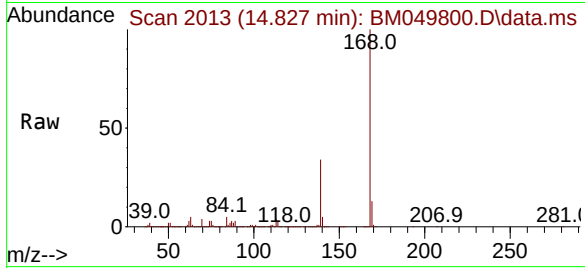




#55
Dibenzofuran
Concen: 37.785 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

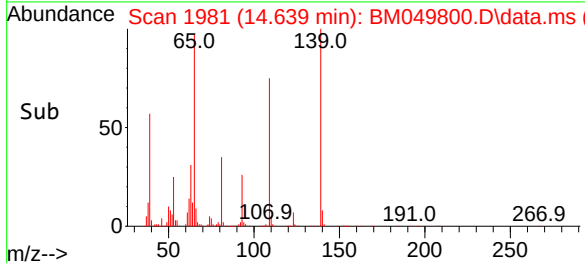
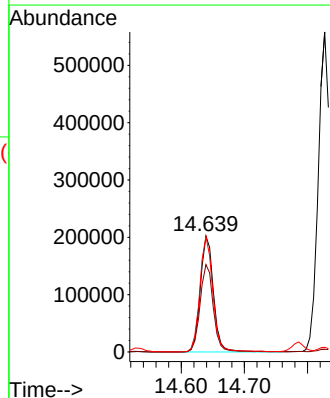
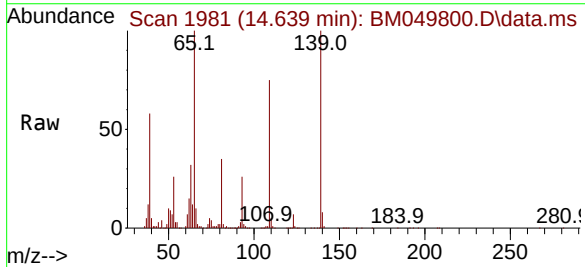
Instrument :
BNA_M
ClientSampleId :
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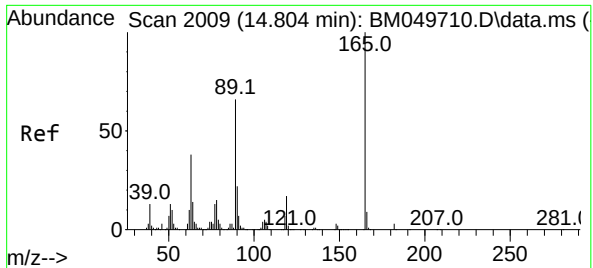
Tgt Ion:168 Resp: 2176605
Ion Ratio Lower Upper
168 100
139 34.4 27.4 41.0
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 40.538 ng
RT: 14.639 min Scan# 1981
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:139 Resp: 291151
Ion Ratio Lower Upper
139 100
109 75.4 54.7 94.7
65 99.5 76.2 116.2

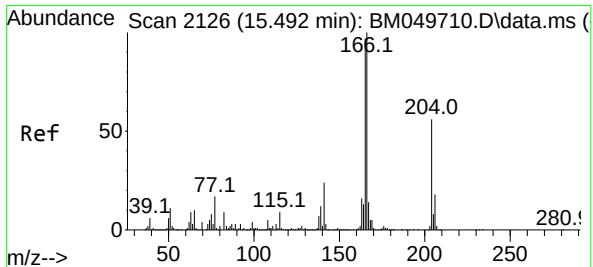
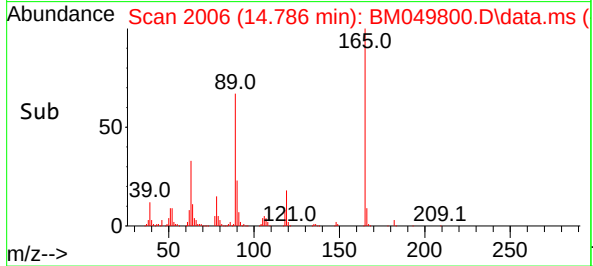
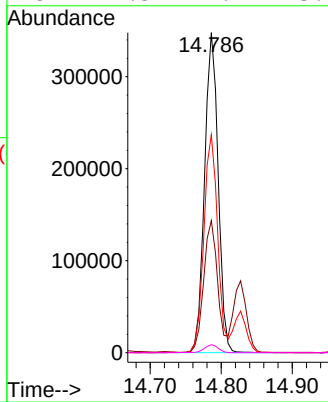
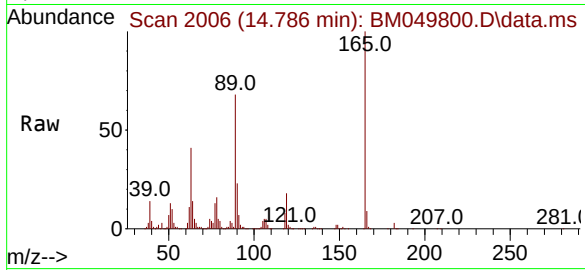




#57
2,4-Dinitrotoluene
Concen: 41.520 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

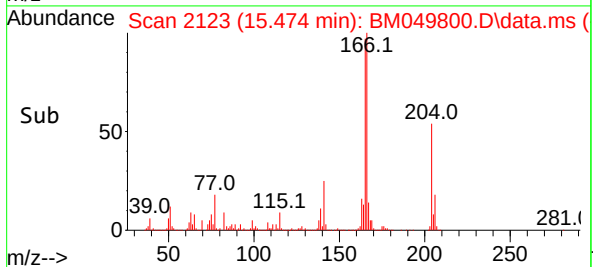
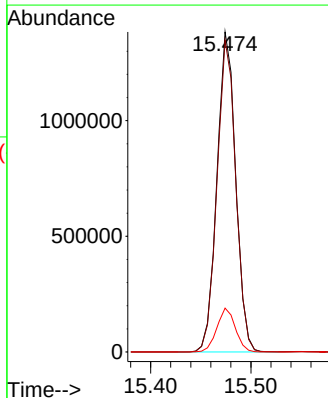
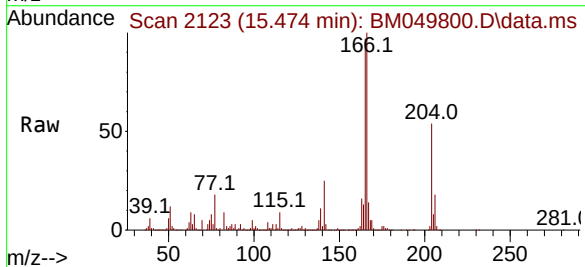
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

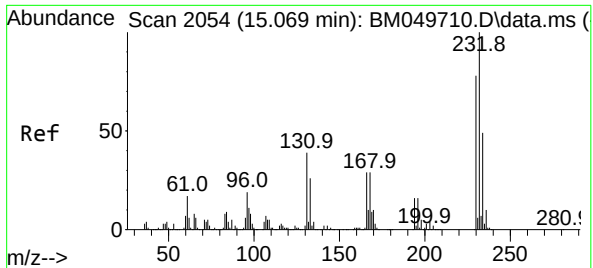
Tgt Ion:165 Resp: 463253
Ion Ratio Lower Upper
165 100
63 41.3 30.8 46.2
89 68.1 53.1 79.7
182 2.5 2.1 3.1



#58
Fluorene
Concen: 38.227 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:166 Resp: 1792836
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.7 10.9 16.3

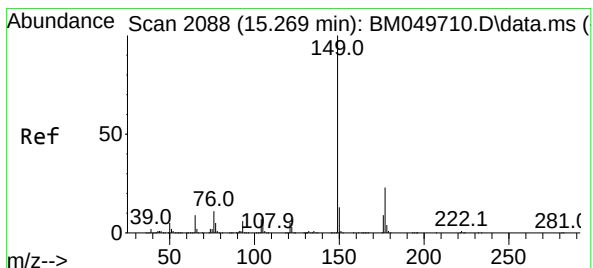
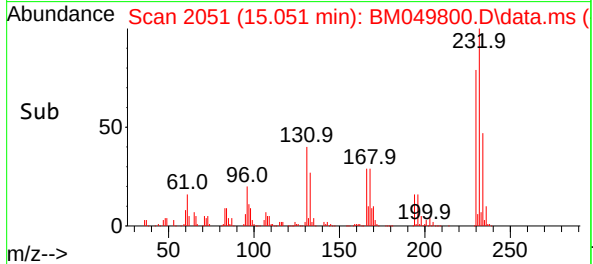
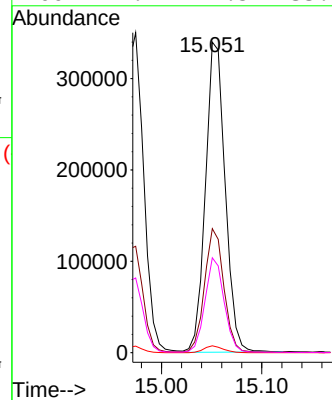
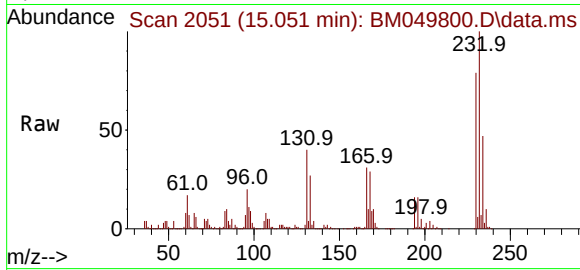




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.269 ng
RT: 15.051 min Scan# 2051
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

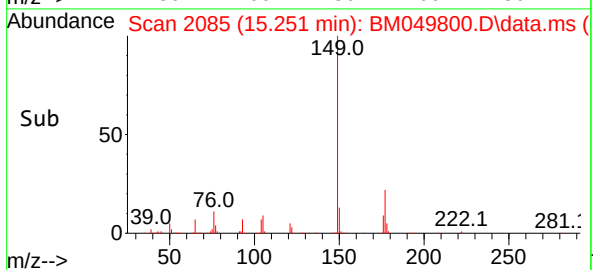
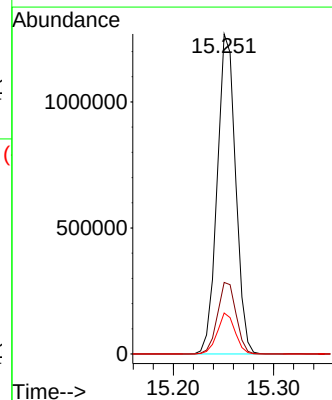
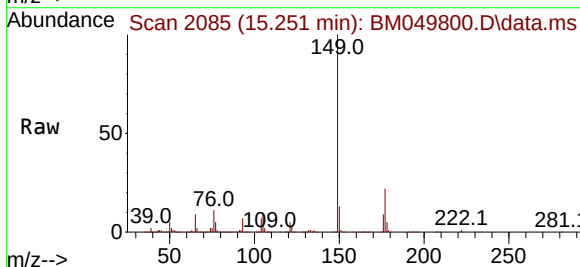
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

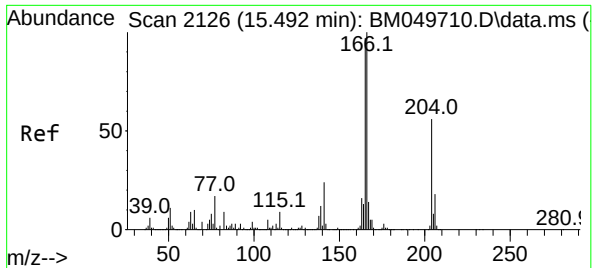
Tgt Ion:232 Resp: 463817
Ion Ratio Lower Upper
232 100
131 39.5 30.0 45.0
130 2.1 1.6 2.4
166 29.9 22.5 33.7



#60
Diethylphthalate
Concen: 39.717 ng
RT: 15.251 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:149 Resp: 1618715
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.8 10.0 15.0

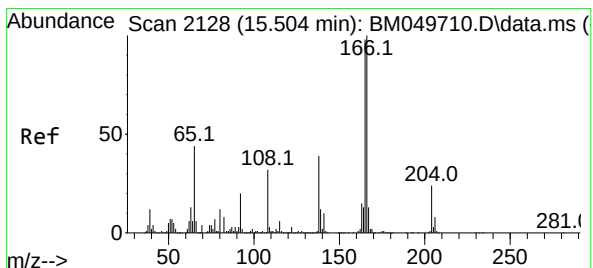
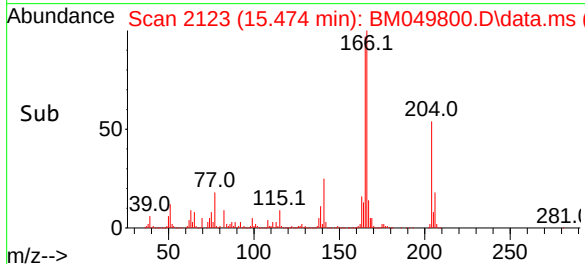
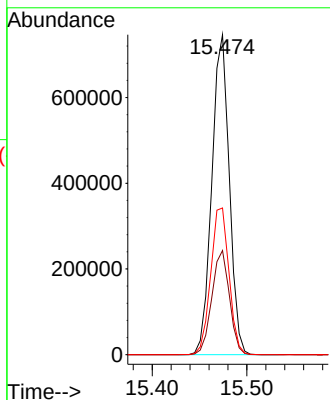
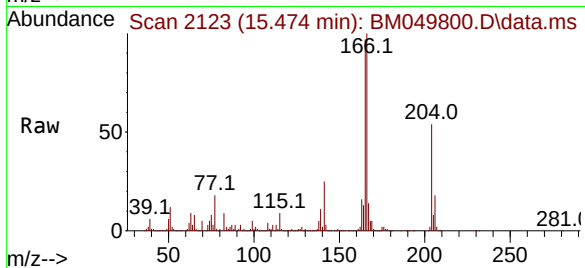




#61
4-Chlorophenyl-phenylether
Concen: 37.330 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

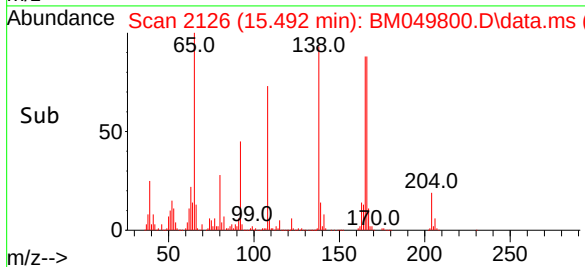
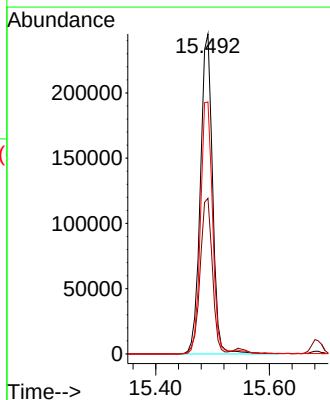
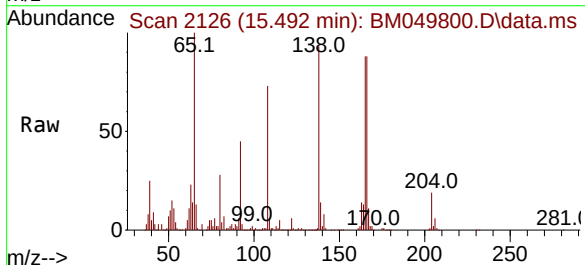
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

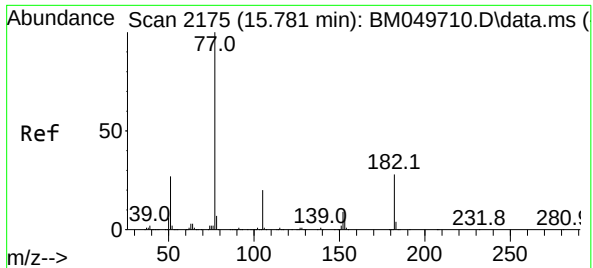
Tgt Ion:204 Resp: 956039
Ion Ratio Lower Upper
204 100
206 32.6 25.2 37.8
141 45.9 34.5 51.7



#62
4-Nitroaniline
Concen: 37.973 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:138 Resp: 364423
Ion Ratio Lower Upper
138 100
92 48.6 29.8 69.8
108 78.8 61.3 101.3

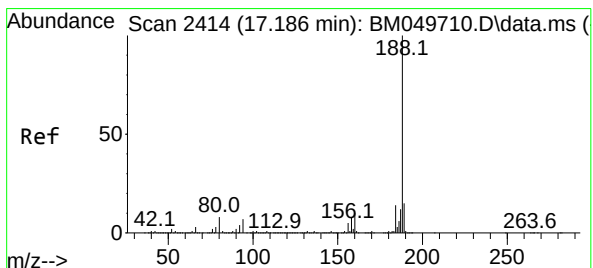
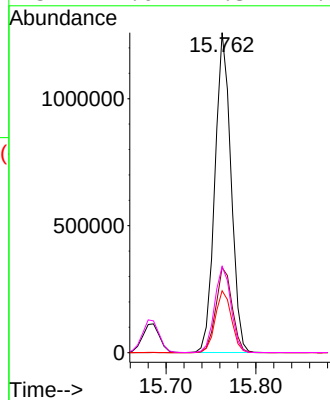
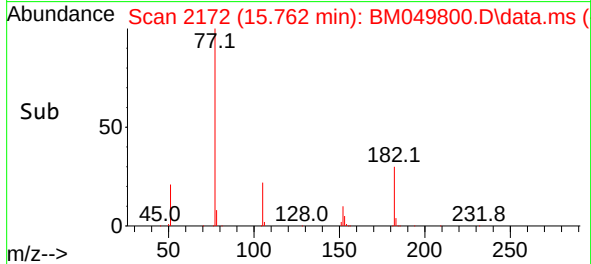
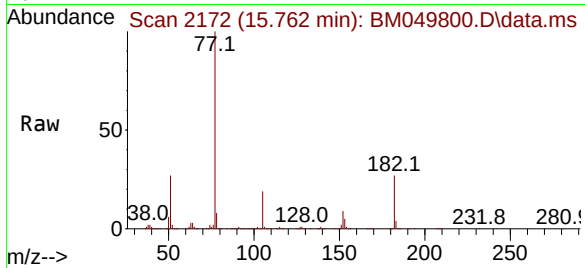




#63
Azobenzene
Concen: 40.202 ng
RT: 15.762 min Scan# 2172
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

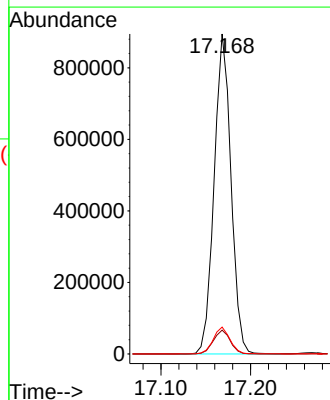
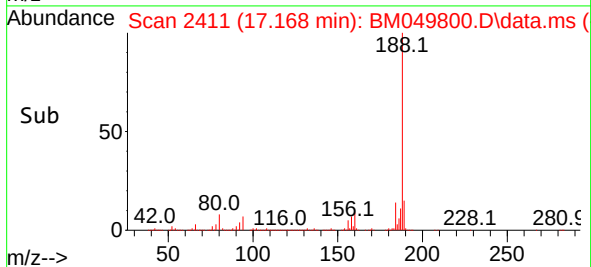
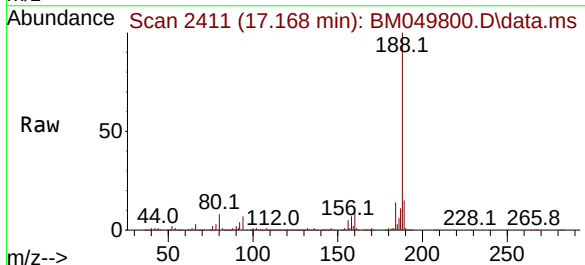
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

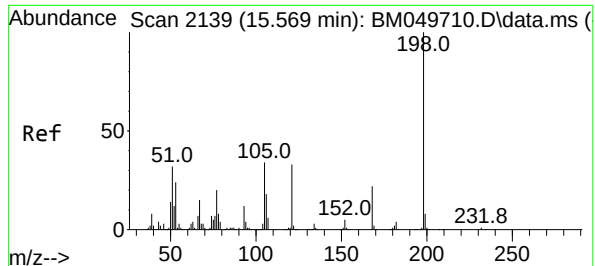
Tgt Ion: 77 Resp: 1565024
Ion Ratio Lower Upper
77 100
182 26.6 8.0 48.0
105 19.4 0.0 40.0
51 27.0 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion: 188 Resp: 1166790
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 8.4 6.3 9.5

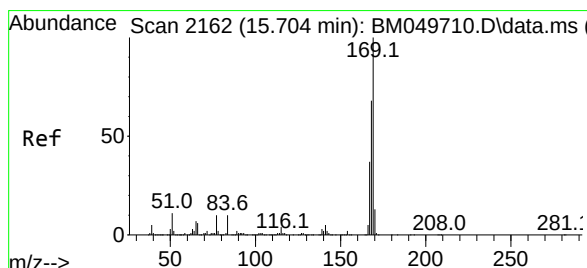
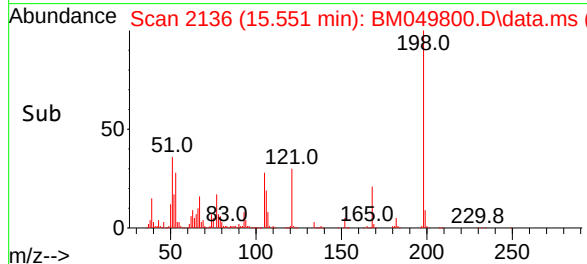
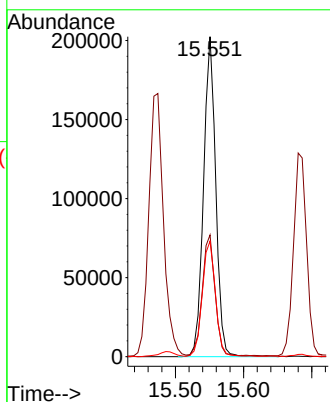
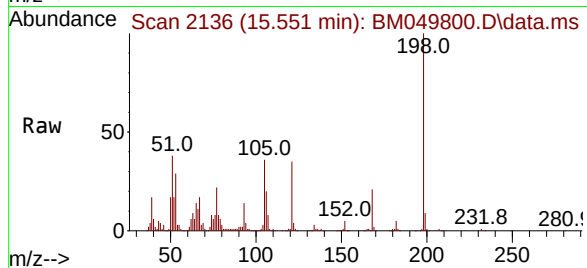




#65
4,6-Dinitro-2-methylphenol
Concen: 41.574 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

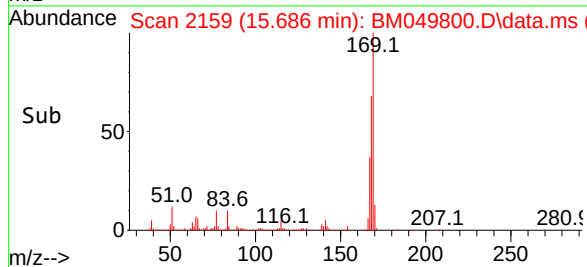
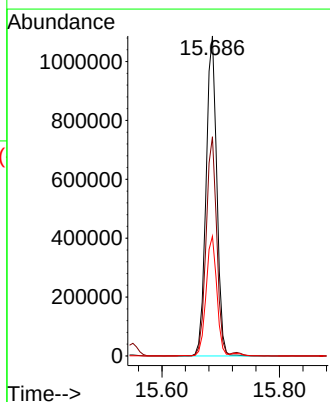
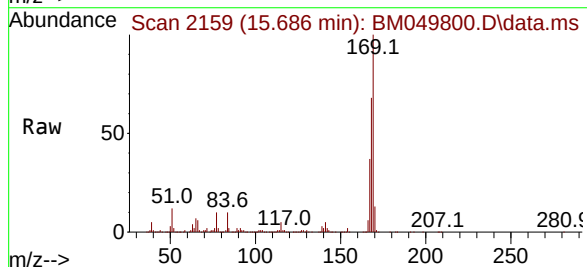
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

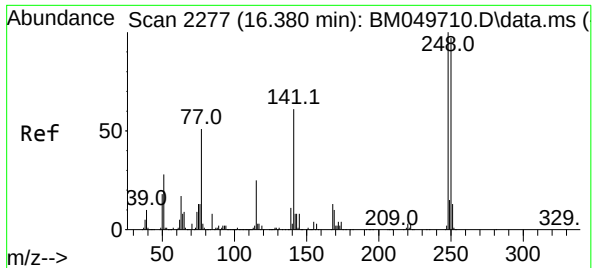
Tgt Ion:198 Resp: 252630
Ion Ratio Lower Upper
198 100
51 38.1 13.8 53.8
105 36.1 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 38.956 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:169 Resp: 1377151
Ion Ratio Lower Upper
169 100
168 68.5 54.8 82.2
167 37.4 29.9 44.9

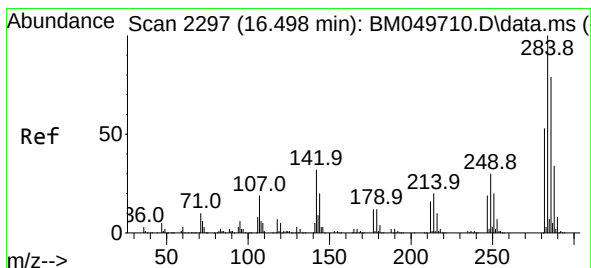
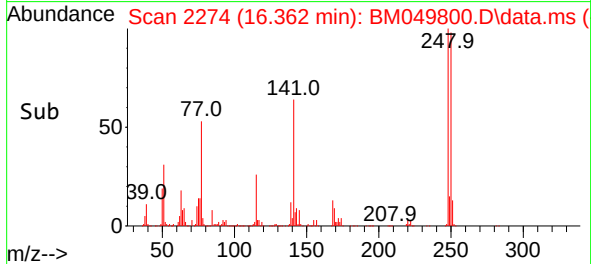
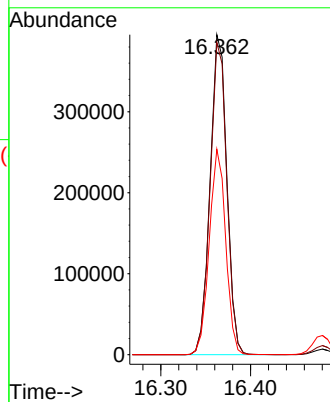
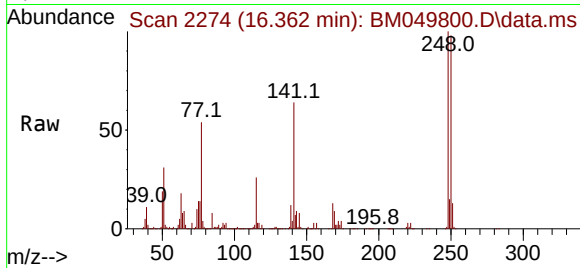




#67
4-Bromophenyl-phenylether
Concen: 38.052 ng
RT: 16.362 min Scan# 211
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

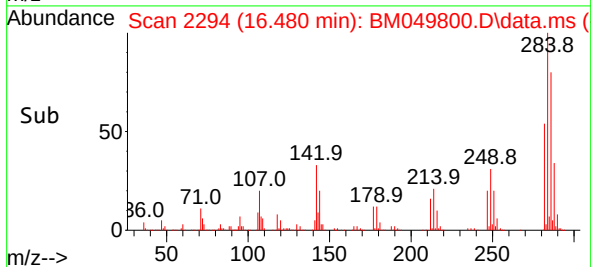
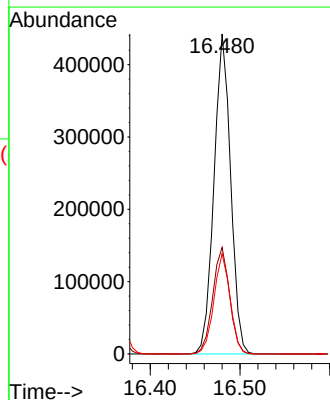
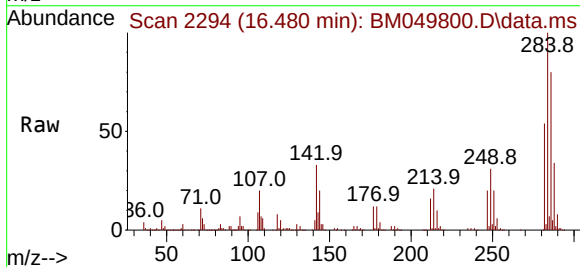
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

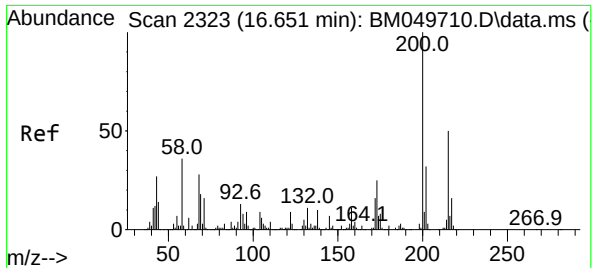
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.9	116.9
141	64.2	48.6	73.0



#68
Hexachlorobenzene
Concen: 37.616 ng
RT: 16.480 min Scan# 2294
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	25.5	38.3
249	31.4	24.2	36.2

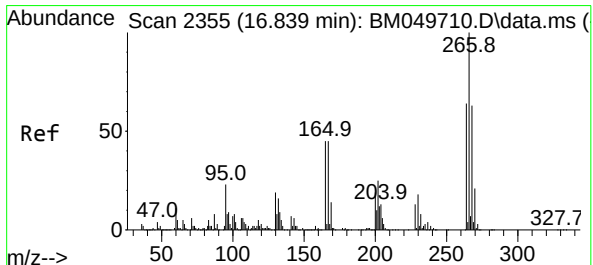
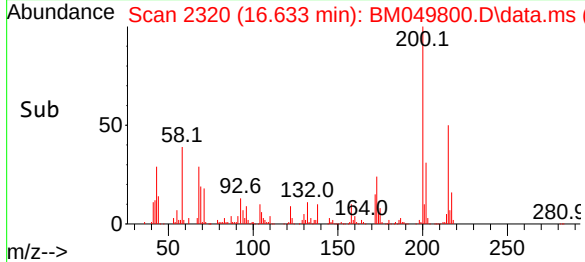
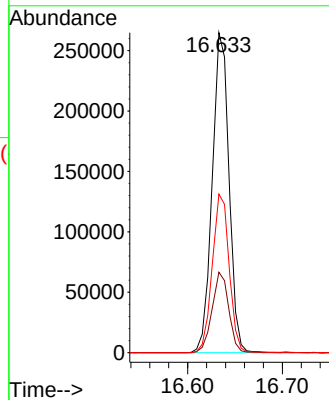
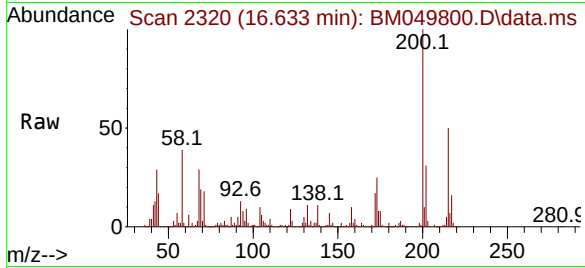




#69
Atrazine
Concen: 41.719 ng
RT: 16.633 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

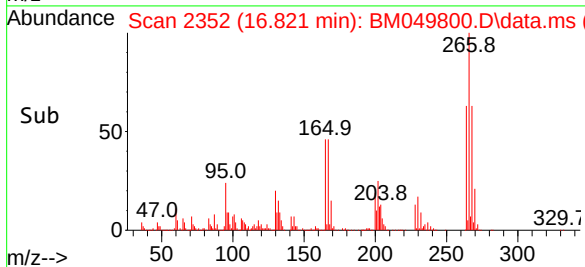
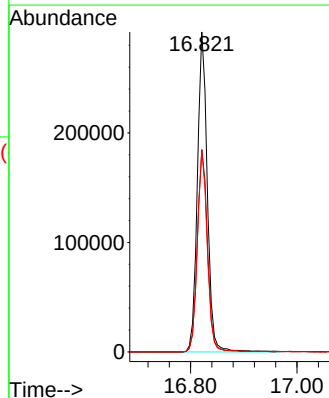
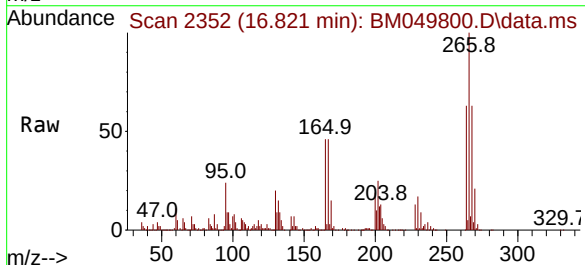
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

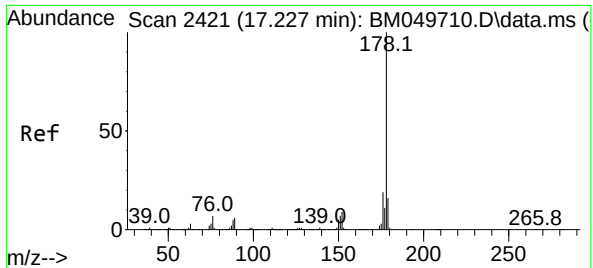
Tgt Ion:200 Resp: 325030
Ion Ratio Lower Upper
200 100
173 25.2 5.4 45.4
215 49.6 29.8 69.8



#70
Pentachlorophenol
Concen: 39.877 ng
RT: 16.821 min Scan# 2352
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:266 Resp: 379627
Ion Ratio Lower Upper
266 100
268 63.2 50.2 75.2
264 63.3 51.3 76.9

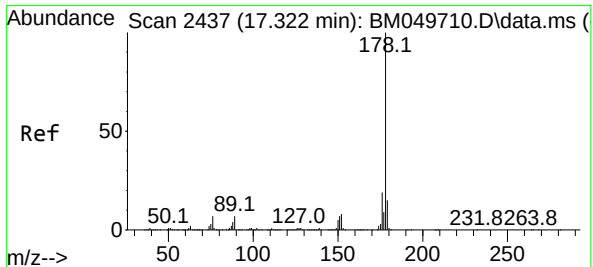
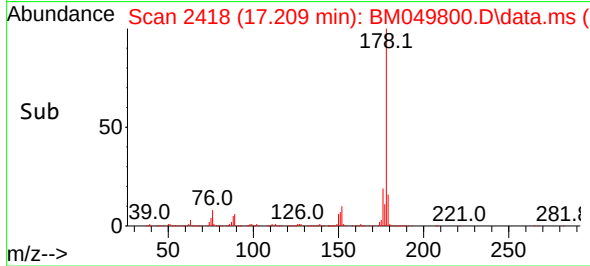
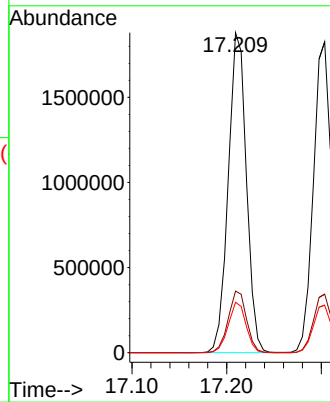
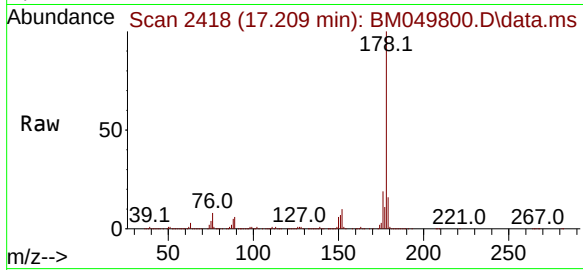




#71
Phenanthrene
Concen: 38.597 ng
RT: 17.209 min Scan# 2418
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

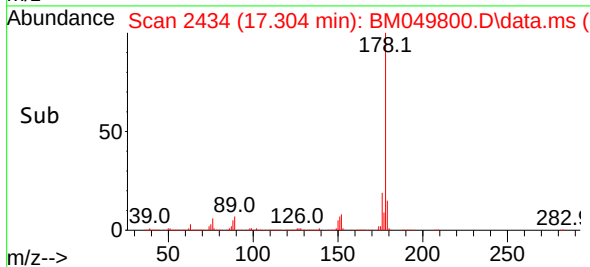
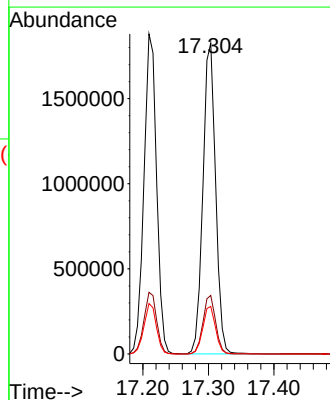
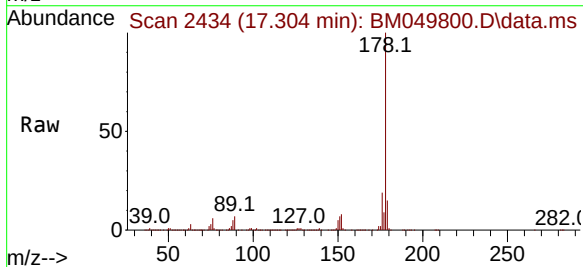
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

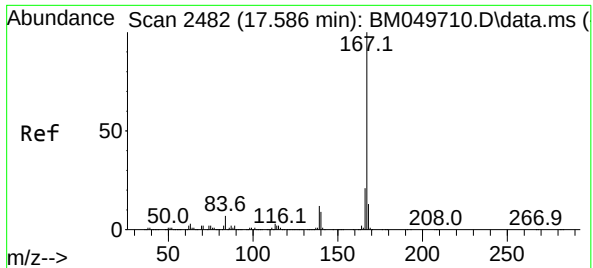
Tgt Ion:178 Resp: 2500683
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.7 12.5 18.7



#72
Anthracene
Concen: 39.229 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:178 Resp: 2461414
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.3 12.4 18.6

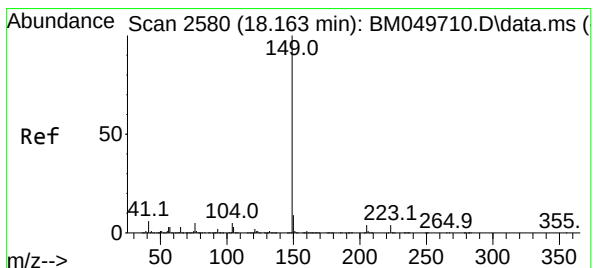
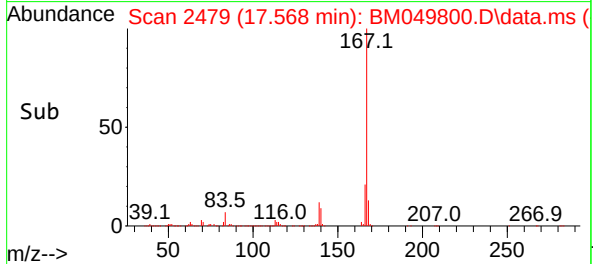
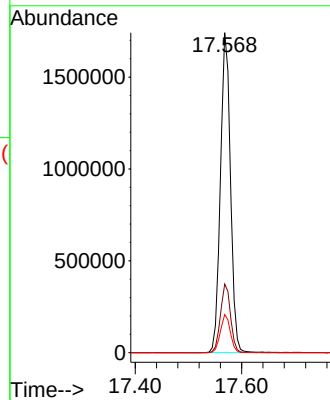
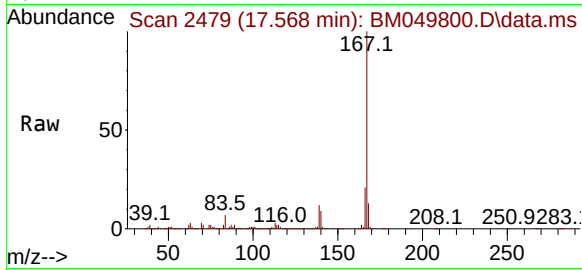




#73
Carbazole
Concen: 40.029 ng
RT: 17.568 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

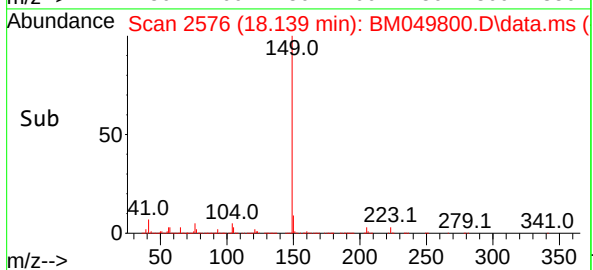
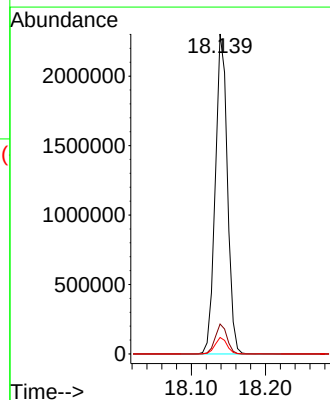
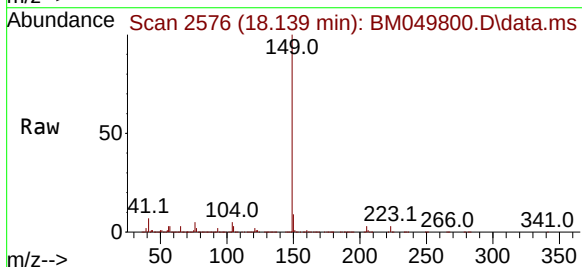
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

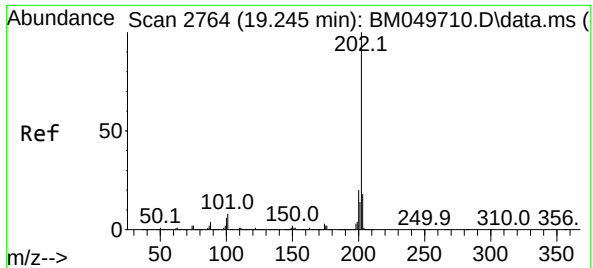
Tgt Ion:167 Resp: 2274615
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 11.9 9.4 14.2



#74
Di-n-butylphthalate
Concen: 41.778 ng
RT: 18.139 min Scan# 2576
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:149 Resp: 2601980
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.1 3.9 5.9

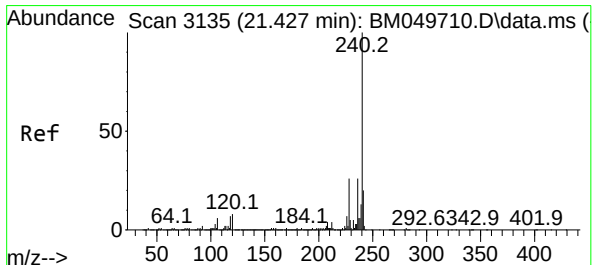
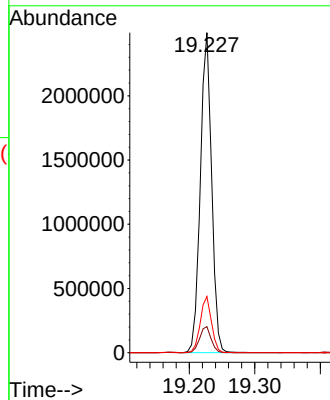
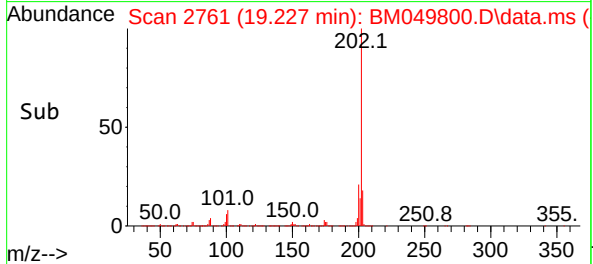
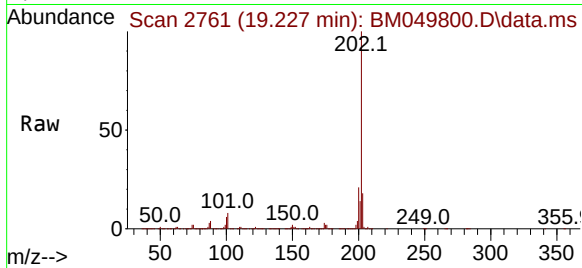




#75
Fluoranthene
Concen: 39.959 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

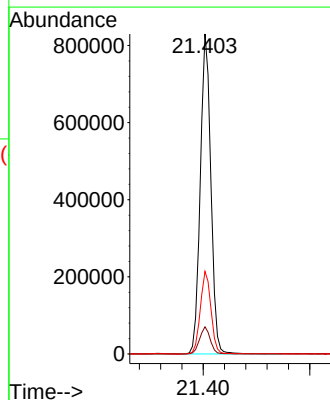
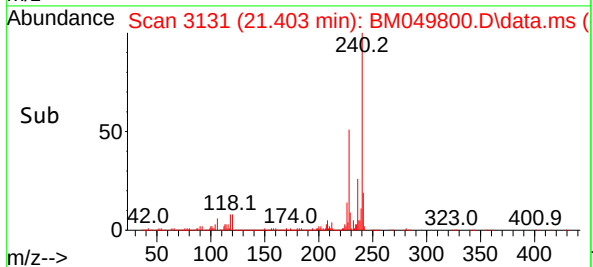
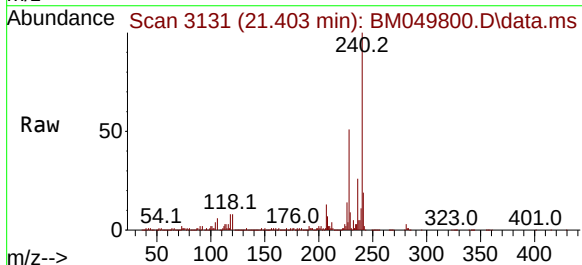
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

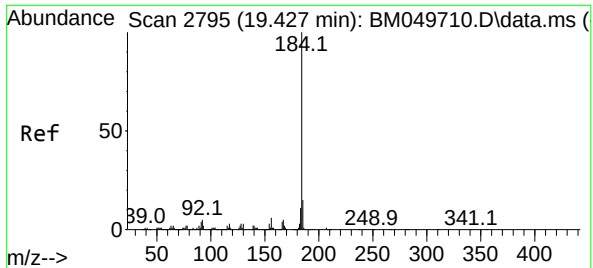
Tgt Ion:202 Resp: 2980551
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.8
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:240 Resp: 1142791
Ion Ratio Lower Upper
240 100
120 8.5 6.5 9.7
236 25.8 20.7 31.1

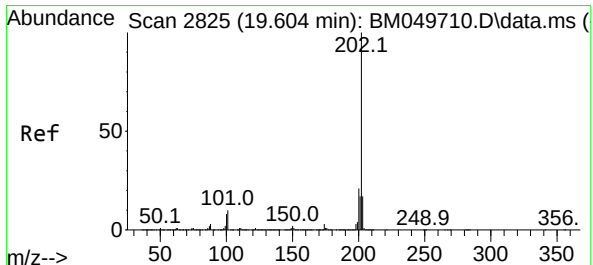
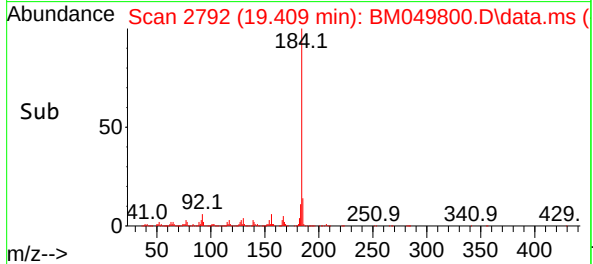
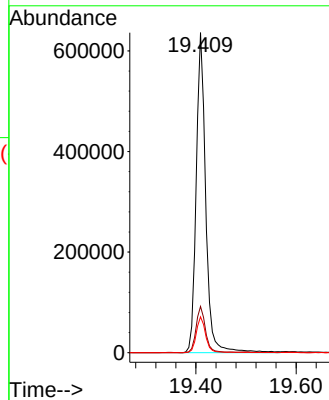
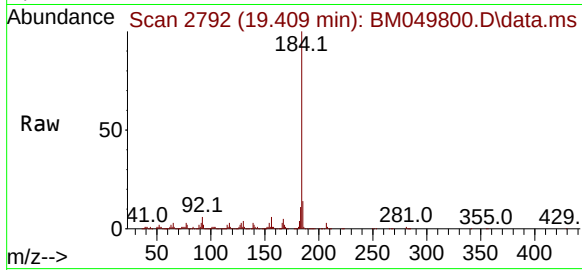




#77
Benzidine
Concen: 61.067 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

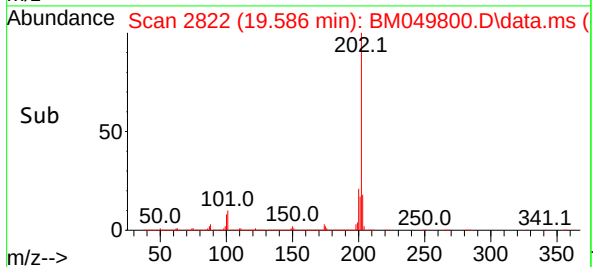
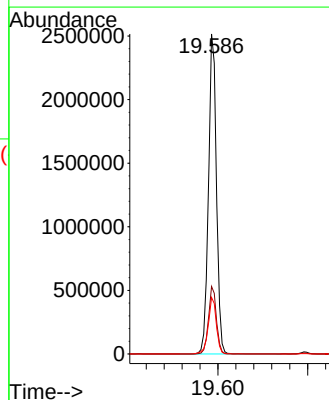
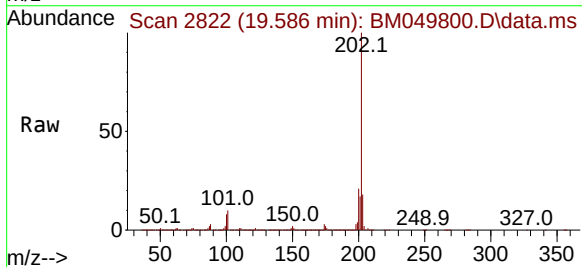
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

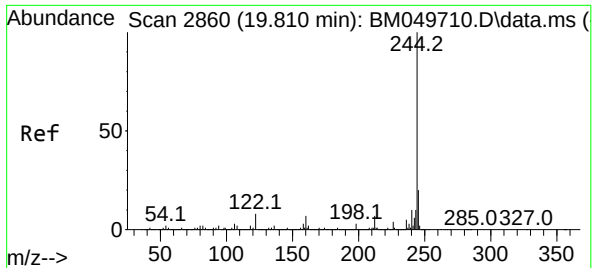
Tgt Ion:184 Resp: 838418
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 8.8 13.2



#78
Pyrene
Concen: 38.684 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:202 Resp: 3088624
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.7 14.0 21.0

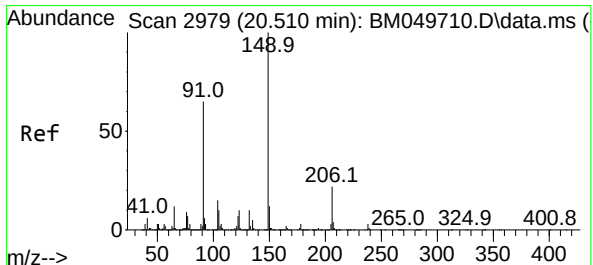
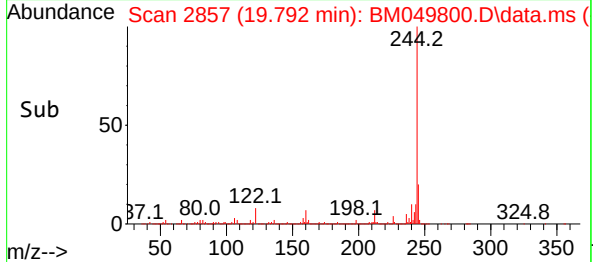
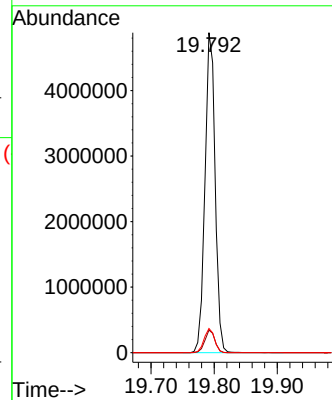
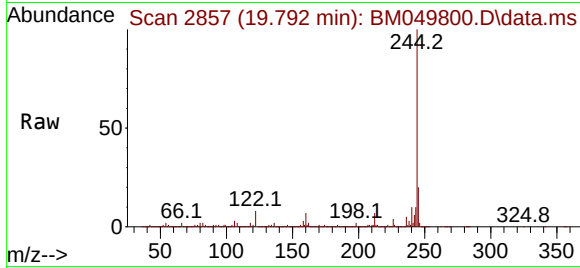




#79
Terphenyl-d14
Concen: 80.206 ng
RT: 19.792 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

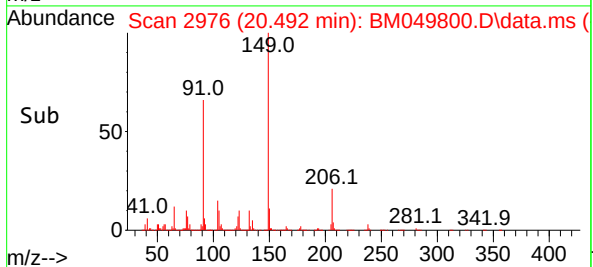
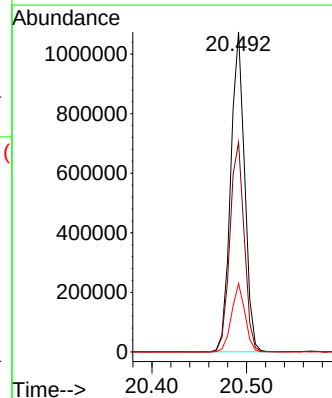
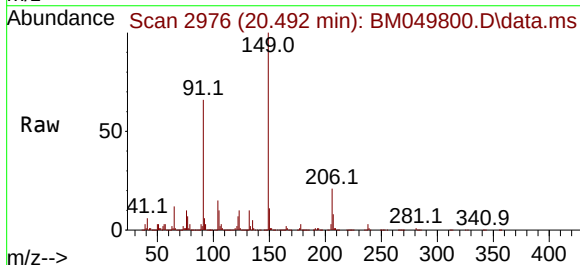
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

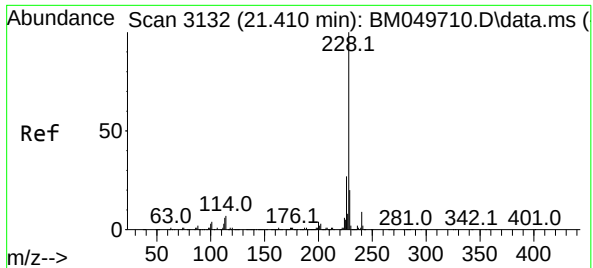
Tgt Ion:244 Resp: 5439295
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 7.6 6.0 9.0



#80
Butylbenzylphthalate
Concen: 44.324 ng
RT: 20.492 min Scan# 2976
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:149 Resp: 1098259
Ion Ratio Lower Upper
149 100
91 65.6 52.2 78.4
206 21.4 17.6 26.4

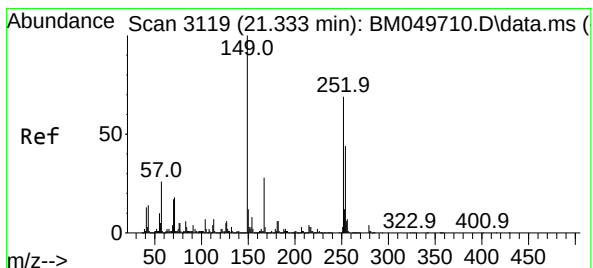
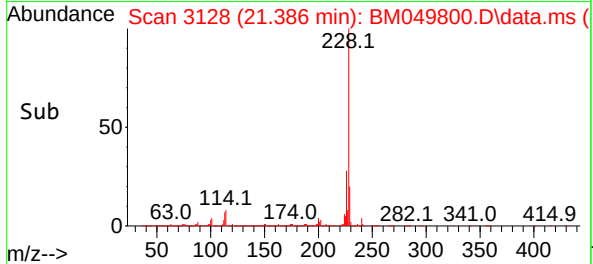
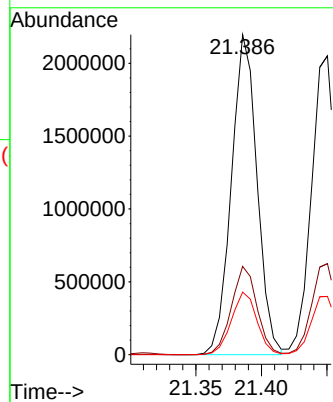
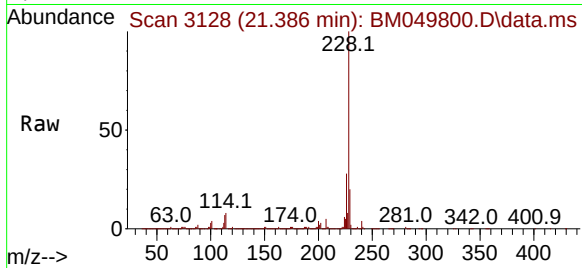




#81
Benzo(a)anthracene
Concen: 39.239 ng
RT: 21.386 min Scan# 3112
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

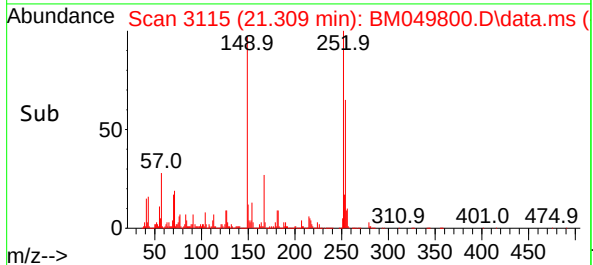
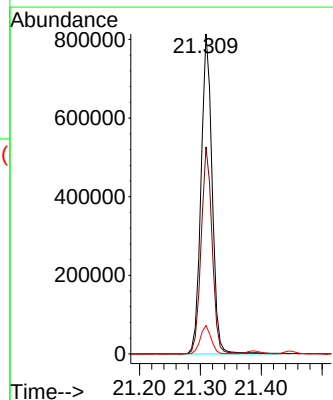
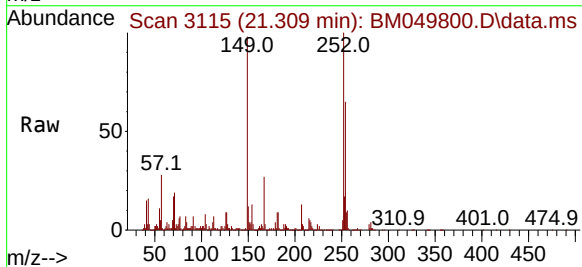
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

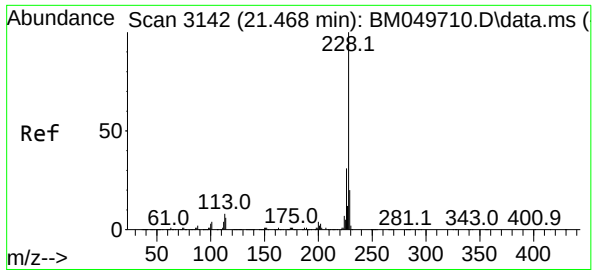
Tgt Ion:228 Resp: 2995183
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 41.282 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:252 Resp: 1025925
Ion Ratio Lower Upper
252 100
254 64.7 51.0 76.4
126 8.9 6.3 9.5

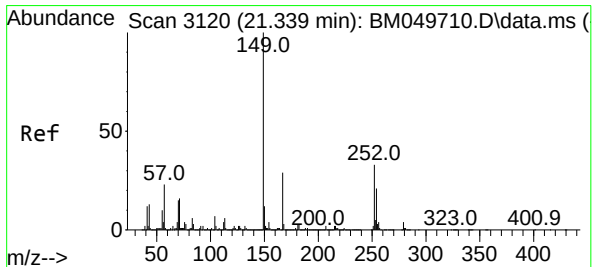
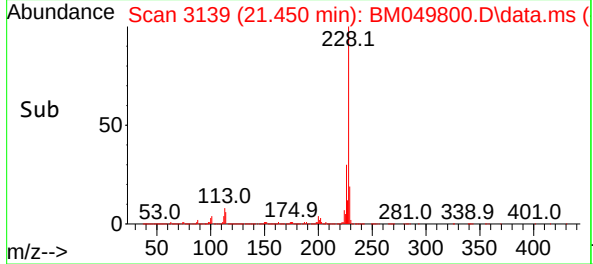
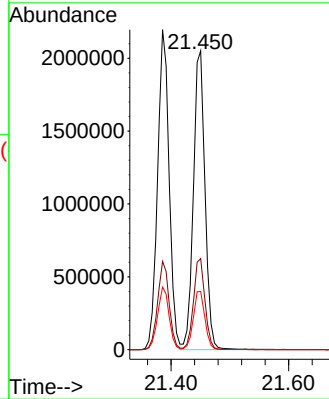
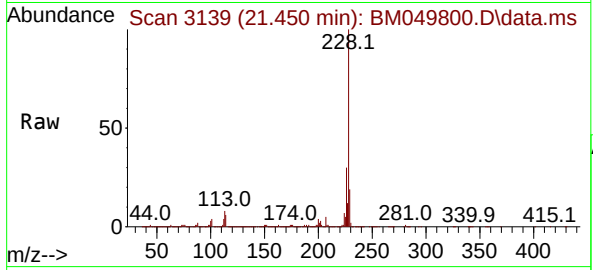




#83
Chrysene
Concen: 38.929 ng
RT: 21.450 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

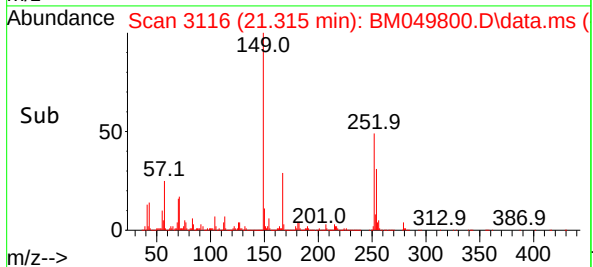
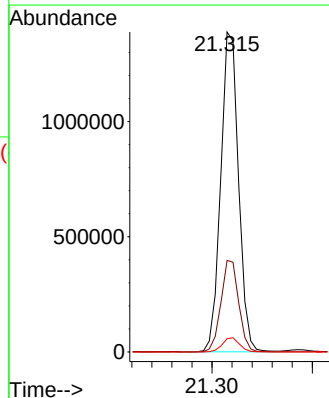
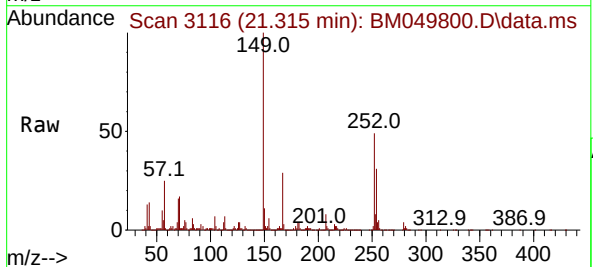
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

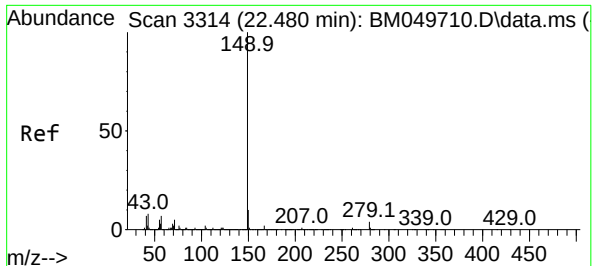
Tgt Ion:228 Resp: 2816818
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 19.5 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.145 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.024 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:149 Resp: 1704664
Ion Ratio Lower Upper
149 100
167 28.6 22.9 34.3
279 4.2 3.5 5.3

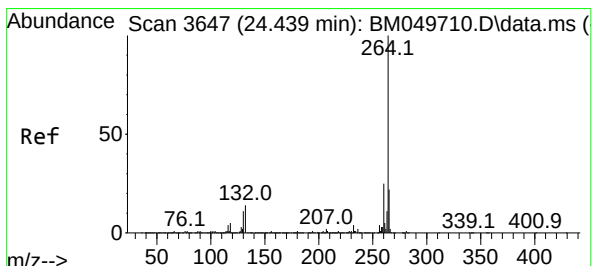
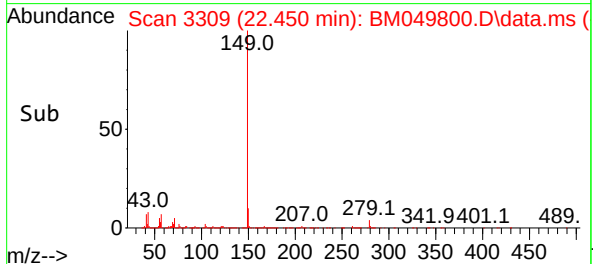
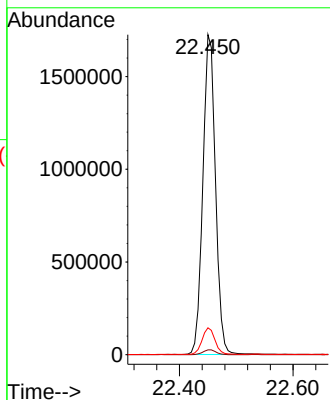
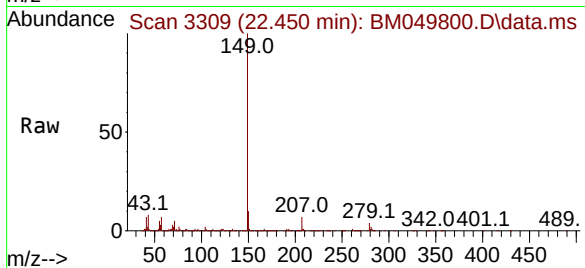




#85
Di-n-octyl phthalate
Concen: 44.140 ng
RT: 22.450 min Scan# 31
Delta R.T. -0.030 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

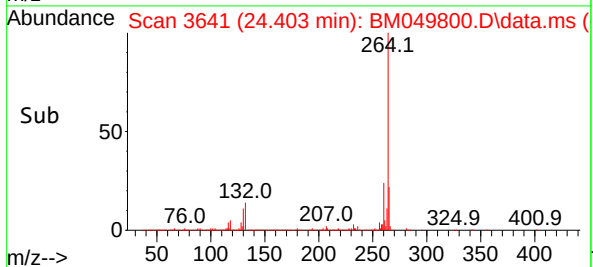
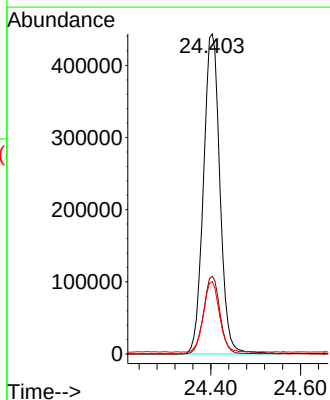
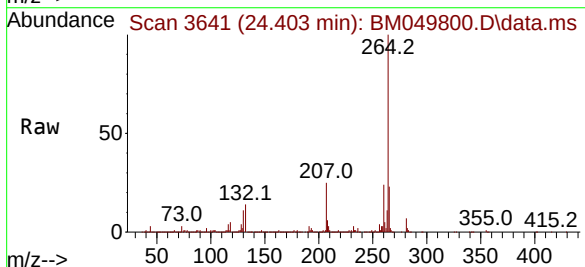
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

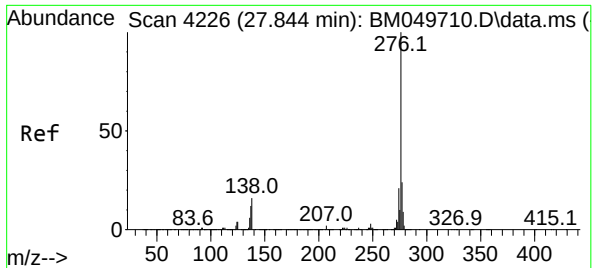
Tgt Ion:149 Resp: 2649220
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.036 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:264 Resp: 1130597
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.6 18.2 27.2

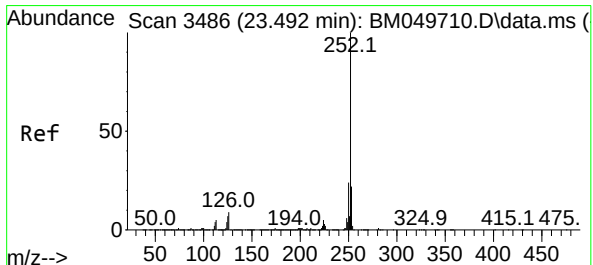
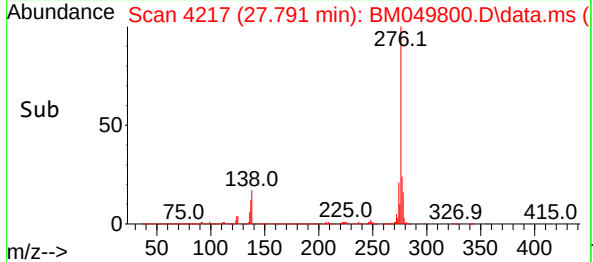
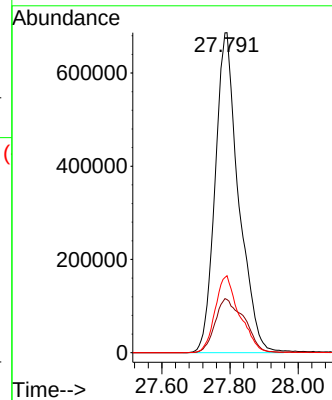
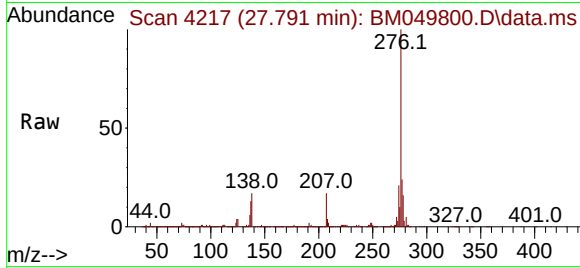




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.374 ng
RT: 27.791 min Scan# 4217
Delta R.T. -0.053 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

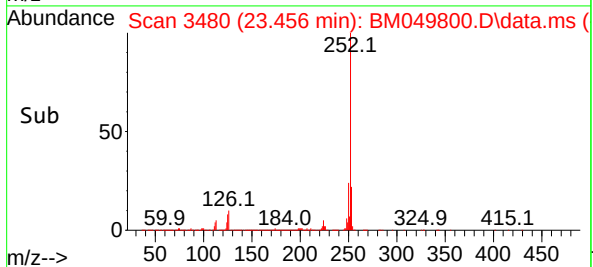
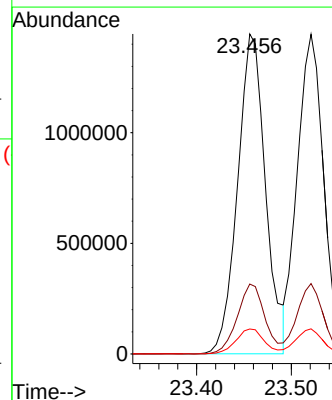
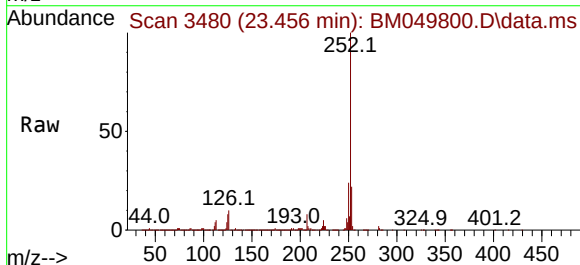
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

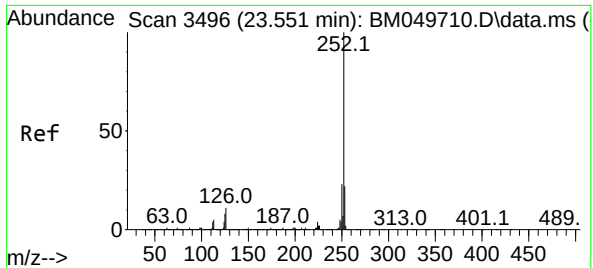
Tgt Ion:276 Resp: 3285447
Ion Ratio Lower Upper
276 100
138 21.0 16.3 24.5
277 25.0 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 38.970 ng
RT: 23.456 min Scan# 3480
Delta R.T. -0.036 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:252 Resp: 2967547
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 7.8 5.9 8.9

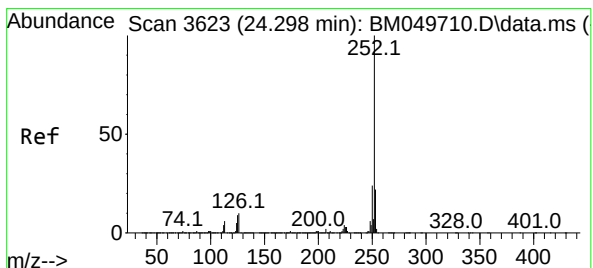
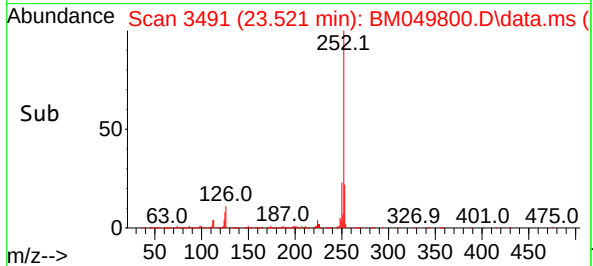
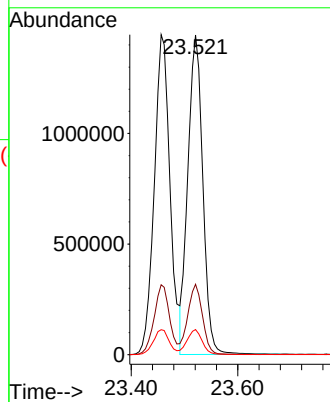
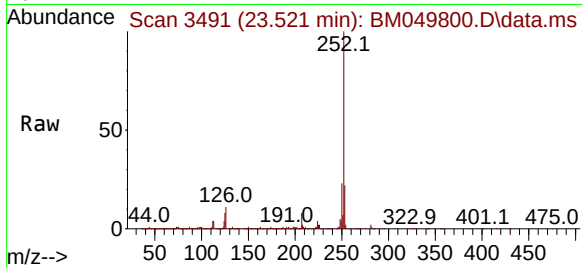




#89
Benzo(k)fluoranthene
Concen: 37.537 ng
RT: 23.521 min Scan# 3496
Delta R.T. -0.030 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

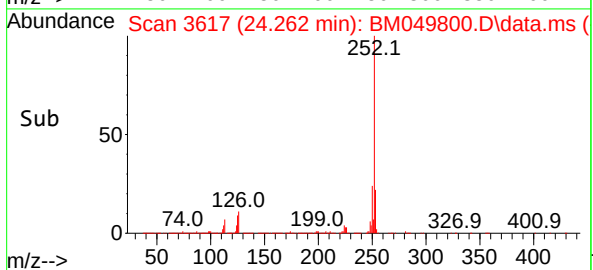
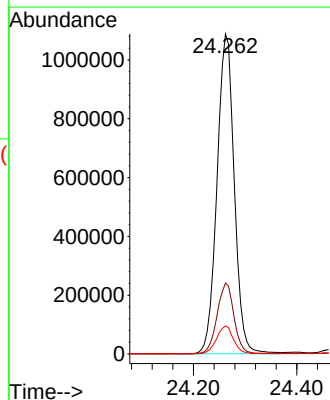
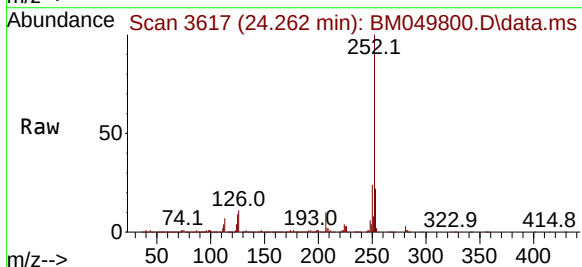
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

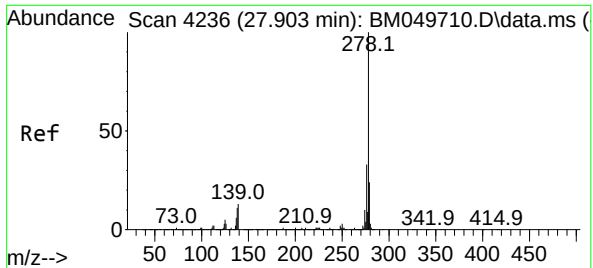
Tgt Ion:252 Resp: 2812635
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 7.8 6.2 9.2



#90
Benzo(a)pyrene
Concen: 39.427 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.036 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:252 Resp: 2521835
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.7 7.0 10.6

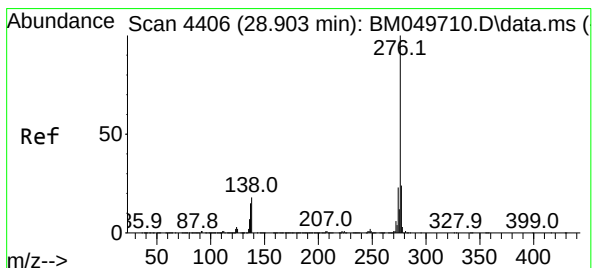
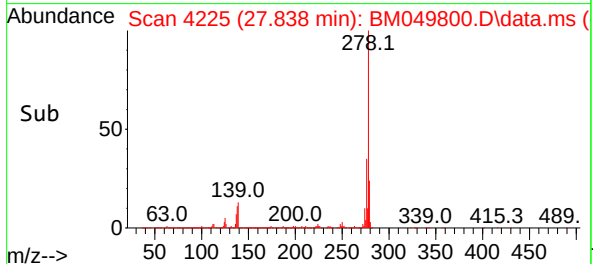
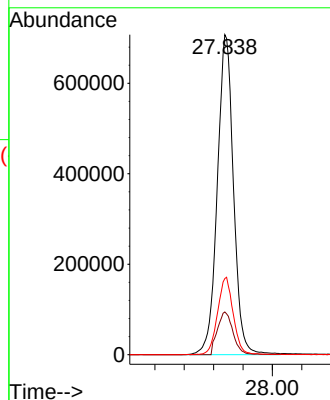
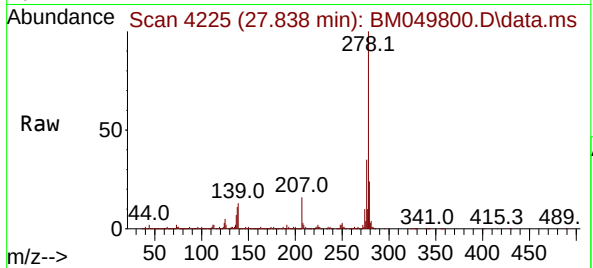




#91
Dibenzo(a,h)anthracene
Concen: 39.917 ng
RT: 27.838 min Scan# 4395
Delta R.T. -0.065 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

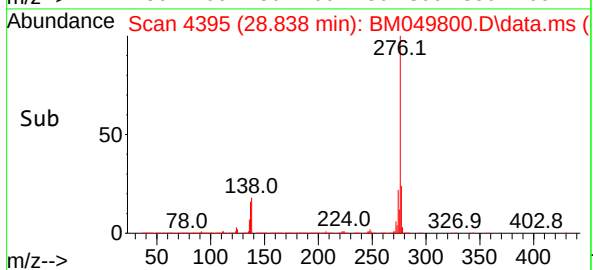
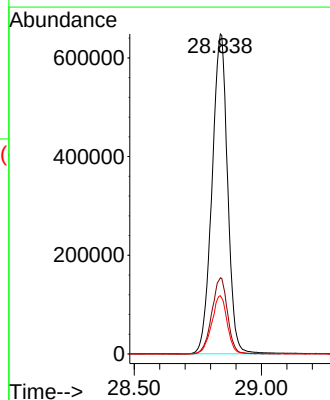
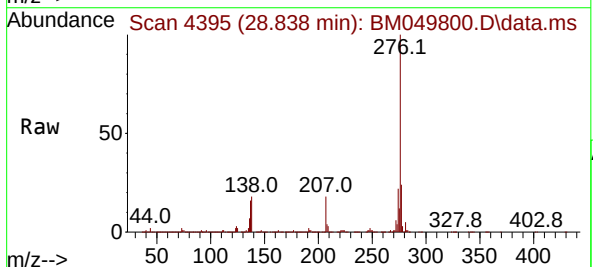
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2706279
Ion Ratio Lower Upper
278 100
139 13.3 10.1 15.1
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 40.325 ng
RT: 28.838 min Scan# 4395
Delta R.T. -0.065 min
Lab File: BM049800.D
Acq: 03 Apr 2025 11:17

Tgt Ion:276 Resp: 2753856
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 18.2 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049800.D
 Acq On : 03 Apr 2025 11:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 03 12:17:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	-0.02
2	1,4-Dioxane	0.513	0.496	3.3	100	-0.02
3	Pyridine	1.310	1.307	0.2	101	-0.02
4	n-Nitrosodimethylamine	0.580	0.564	2.8	100	-0.02
5 S	2-Fluorophenol	1.185	1.184	0.1	101	-0.02
6	Aniline	1.246	1.229	1.4	101	-0.02
7 S	Phenol-d6	1.487	1.501	-0.9	103	-0.02
8	2-Chlorophenol	1.174	1.153	1.8	101	-0.02
9	Benzaldehyde	0.735	0.669	9.0	98	-0.02
10 C	Phenol	1.442	1.439	0.2	103	-0.02
11	bis(2-Chloroethyl)ether	1.168	1.145	2.0	103	-0.02
12	1,3-Dichlorobenzene	1.426	1.352	5.2	100	-0.02
13 C	1,4-Dichlorobenzene	1.439	1.368	4.9	99	-0.02
14	1,2-Dichlorobenzene	1.368	1.293	5.5	98	-0.02
15	Benzyl Alcohol	0.933	0.947	-1.5	103	-0.02
16	2,2'-oxybis(1-Chloropropane	1.373	1.337	2.6	102	-0.02
17	2-Methylphenol	0.856	0.853	0.4	101	-0.02
18	Hexachloroethane	0.508	0.492	3.1	99	-0.02
19 P	n-Nitroso-di-n-propylamine	0.863	0.873	-1.2	101	-0.02
20	3+4-Methylphenols	1.148	1.155	-0.6	102	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	100	-0.02
22	Acetophenone	0.516	0.504	2.3	100	-0.02
23 S	Nitrobenzene-d5	0.390	0.386	1.0	101	-0.02
24	Nitrobenzene	0.367	0.366	0.3	102	-0.02
25	Isophorone	0.598	0.604	-1.0	103	-0.02
26 C	2-Nitrophenol	0.156	0.166	-6.4	106	-0.02
27	2,4-Dimethylphenol	0.199	0.199	0.0	102	-0.02
28	bis(2-Chloroethoxy)methane	0.421	0.411	2.4	101	-0.02
29 C	2,4-Dichlorophenol	0.324	0.320	1.2	99	-0.02
30	1,2,4-Trichlorobenzene	0.406	0.376	7.4	96	-0.02
31	Naphthalene	1.028	0.990	3.7	100	-0.02
32	Benzoic acid	0.169	0.192	-13.6	118	-0.03
33	4-Chloroaniline	0.351	0.345	1.7	99	-0.02
34 C	Hexachlorobutadiene	0.250	0.229	8.4	95	-0.02
35	Caprolactam	0.075	0.081	-8.0	104	-0.02
36 C	4-Chloro-3-methylphenol	0.278	0.285	-2.5	102	-0.02
37	2-Methylnaphthalene	0.719	0.691	3.9	98	-0.02
38	1-Methylnaphthalene	0.694	0.667	3.9	99	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	101	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.735	0.682	7.2	96	-0.02
41 P	Hexachlorocyclopentadiene	0.272	0.263	3.3	96	-0.02
42 S	2,4,6-Tribromophenol	0.234	0.240	-2.6	97	-0.02
43 C	2,4,6-Trichlorophenol	0.411	0.419	-1.9	101	-0.02
44	2,4,5-Trichlorophenol	0.449	0.451	-0.4	99	-0.02
45 S	2-Fluorobiphenyl	1.597	1.511	5.4	96	-0.02
46	1,1'-Biphenyl	1.541	1.476	4.2	98	-0.02
47	2-Chloronaphthalene	1.200	1.149	4.2	98	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049800.D
 Acq On : 03 Apr 2025 11:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 03 12:17:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.269	0.289	-7.4	104	-0.02
49	Acenaphthylene	1.677	1.629	2.9	98	-0.02
50	Dimethylphthalate	1.377	1.344	2.4	99	-0.02
51	2,6-Dinitrotoluene	0.276	0.276	0.0	99	-0.02
52 C	Acenaphthene	1.100	1.057	3.9	97	-0.02
53	3-Nitroaniline	0.263	0.271	-3.0	100	-0.02
54 P	2,4-Dinitrophenol	0.134	0.145	-8.2	110	-0.01
55	Dibenzofuran	1.833	1.732	5.5	97	-0.02
56 P	4-Nitrophenol	0.229	0.232	-1.3	100	-0.02
57	2,4-Dinitrotoluene	0.355	0.369	-3.9	100	-0.02
58	Fluorene	1.492	1.426	4.4	96	-0.02
59	2,3,4,6-Tetrachlorophenol	0.376	0.369	1.9	97	-0.02
60	Diethylphthalate	1.297	1.288	0.7	100	-0.02
61	4-Chlorophenyl-phenylether	0.815	0.761	6.6	94	-0.02
62	4-Nitroaniline	0.274	0.290	-5.8	98	-0.01
63	Azobenzene	1.239	1.245	-0.5	101	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	99	-0.02
65	4,6-Dinitro-2-methylphenol	0.102	0.108	-5.9	107	-0.02
66 c	n-Nitrosodiphenylamine	0.606	0.590	2.6	97	-0.02
67	4-Bromophenyl-phenylether	0.231	0.220	4.8	96	-0.02
68	Hexachlorobenzene	0.260	0.244	6.2	96	-0.02
69	Atrazine	0.134	0.139	-3.7	108	-0.02
70 C	Pentachlorophenol	0.163	0.163	0.0	100	-0.02
71	Phenanthrene	1.111	1.072	3.5	97	-0.02
72	Anthracene	1.076	1.055	2.0	98	-0.02
73	Carbazole	0.974	0.975	-0.1	97	-0.02
74	Di-n-butylphthalate	1.068	1.115	-4.4	102	-0.02
75 C	Fluoranthene	1.279	1.277	0.2	97	-0.02
76 I	Chrysene-d12	1.000	1.000	0.0	95	-0.02
77	Benzydine	0.240	0.367	-52.9#	166#	-0.02
78	Pyrene	1.397	1.351	3.3	97	-0.02
79 S	Terphenyl-d14	1.187	1.190	-0.3	94	-0.02
80	Butylbenzylphthalate	0.434	0.481	-10.8	106	-0.02
81	Benzo(a)anthracene	1.336	1.310	1.9	96	-0.02
82	3,3'-Dichlorobenzidine	0.435	0.449	-3.2	104	-0.02
83	Chrysene	1.266	1.232	2.7	95	-0.02
84	Bis(2-ethylhexyl)phthalate	0.676	0.746	-10.4	105	-0.02
85 c	Di-n-octyl phthalate	1.050	1.159	-10.4	110	-0.03
86 I	Perylene-d12	1.000	1.000	0.0	99	-0.04
87	Indeno(1,2,3-cd)pyrene	1.440	1.453	-0.9	101	-0.05
88	Benzo(b)fluoranthene	1.347	1.312	2.6	98	-0.04
89	Benzo(k)fluoranthene	1.325	1.244	6.1	96	-0.03
90 C	Benzo(a)pyrene	1.131	1.115	1.4	99	-0.04
91	Dibenzo(a,h)anthracene	1.199	1.197	0.2	100	-0.07
92	Benzo(g,h,i)perylene	1.208	1.218	-0.8	101	-0.07

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049800.D
Acq On : 03 Apr 2025 11:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Apr 03 12:17:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049800.D
 Acq On : 03 Apr 2025 11:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 03 12:17:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	101	-0.02
2	1,4-Dioxane	40.000	38.684	3.3	100	-0.02
3	Pyridine	40.000	39.896	0.3	101	-0.02
4	n-Nitrosodimethylamine	40.000	38.888	2.8	100	-0.02
5 S	2-Fluorophenol	80.000	79.940	0.1	101	-0.02
6	Aniline	40.000	39.432	1.4	101	-0.02
7 S	Phenol-d6	80.000	80.736	-0.9	103	-0.02
8	2-Chlorophenol	40.000	39.281	1.8	101	-0.02
9	Benzaldehyde	40.000	36.380	9.0	98	-0.02
10 C	Phenol	40.000	39.906	0.2	103	-0.02
11	bis(2-Chloroethyl)ether	40.000	39.218	2.0	103	-0.02
12	1,3-Dichlorobenzene	40.000	37.912	5.2	100	-0.02
13 C	1,4-Dichlorobenzene	40.000	38.020	4.9	99	-0.02
14	1,2-Dichlorobenzene	40.000	37.820	5.4	98	-0.02
15	Benzyl Alcohol	40.000	40.586	-1.5	103	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	38.966	2.6	102	-0.02
17	2-Methylphenol	40.000	39.851	0.4	101	-0.02
18	Hexachloroethane	40.000	38.720	3.2	99	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	40.470	-1.2	101	-0.02
20	3+4-Methylphenols	40.000	40.268	-0.7	102	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	100	-0.02
22	Acetophenone	40.000	39.124	2.2	100	-0.02
23 S	Nitrobenzene-d5	80.000	79.273	0.9	101	-0.02
24	Nitrobenzene	40.000	39.849	0.4	102	-0.02
25	Isophorone	40.000	40.380	-1.0	103	-0.02
26 C	2-Nitrophenol	40.000	42.496	-6.2	106	-0.02
27	2,4-Dimethylphenol	40.000	39.998	0.0	102	-0.02
28	bis(2-Chloroethoxy)methane	40.000	39.015	2.5	101	-0.02
29 C	2,4-Dichlorophenol	40.000	39.431	1.4	99	-0.02
30	1,2,4-Trichlorobenzene	40.000	37.041	7.4	96	-0.02
31	Naphthalene	40.000	38.515	3.7	100	-0.02
32	Benzoic acid	40.000	45.420	-13.6	118	-0.03
33	4-Chloroaniline	40.000	39.278	1.8	99	-0.02
34 C	Hexachlorobutadiene	40.000	36.640	8.4	95	-0.02
35	Caprolactam	40.000	43.032	-7.6	104	-0.02
36 C	4-Chloro-3-methylphenol	40.000	41.032	-2.6	102	-0.02
37	2-Methylnaphthalene	40.000	38.428	3.9	98	-0.02
38	1-Methylnaphthalene	40.000	38.426	3.9	99	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	101	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	37.152	7.1	96	-0.02
41 P	Hexachlorocyclopentadiene	40.000	38.592	3.5	96	-0.02
42 S	2,4,6-Tribromophenol	80.000	82.230	-2.8	97	-0.02
43 C	2,4,6-Trichlorophenol	40.000	40.692	-1.7	101	-0.02
44	2,4,5-Trichlorophenol	40.000	40.157	-0.4	99	-0.02
45 S	2-Fluorobiphenyl	80.000	75.710	5.4	96	-0.02
46	1,1'-Biphenyl	40.000	38.298	4.3	98	-0.02
47	2-Chloronaphthalene	40.000	38.298	4.3	98	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049800.D
 Acq On : 03 Apr 2025 11:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 03 12:17:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	42.961	-7.4	104	-0.02
49	Acenaphthylene	40.000	38.851	2.9	98	-0.02
50	Dimethylphthalate	40.000	39.048	2.4	99	-0.02
51	2,6-Dinitrotoluene	40.000	39.954	0.1	99	-0.02
52 C	Acenaphthene	40.000	38.429	3.9	97	-0.02
53	3-Nitroaniline	40.000	41.255	-3.1	100	-0.02
54 P	2,4-Dinitrophenol	40.000	42.009	-5.0	110	-0.01
55	Dibenzofuran	40.000	37.785	5.5	97	-0.02
56 P	4-Nitrophenol	40.000	40.538	-1.3	100	-0.02
57	2,4-Dinitrotoluene	40.000	41.520	-3.8	100	-0.02
58	Fluorene	40.000	38.227	4.4	96	-0.02
59	2,3,4,6-Tetrachlorophenol	40.000	39.269	1.8	97	-0.02
60	Diethylphthalate	40.000	39.717	0.7	100	-0.02
61	4-Chlorophenyl-phenylether	40.000	37.330	6.7	94	-0.02
62	4-Nitroaniline	40.000	37.973	5.1	98	-0.01
63	Azobenzene	40.000	40.202	-0.5	101	-0.02
64 I	Phenanthrene-d10	20.000	20.000	0.0	99	-0.02
65	4,6-Dinitro-2-methylphenol	40.000	41.574	-3.9	107	-0.02
66 c	n-Nitrosodiphenylamine	40.000	38.956	2.6	97	-0.02
67	4-Bromophenyl-phenylether	40.000	38.052	4.9	96	-0.02
68	Hexachlorobenzene	40.000	37.616	6.0	96	-0.02
69	Atrazine	40.000	41.719	-4.3	108	-0.02
70 C	Pentachlorophenol	40.000	39.877	0.3	100	-0.02
71	Phenanthrene	40.000	38.597	3.5	97	-0.02
72	Anthracene	40.000	39.229	1.9	98	-0.02
73	Carbazole	40.000	40.029	-0.1	97	-0.02
74	Di-n-butylphthalate	40.000	41.778	-4.4	102	-0.02
75 C	Fluoranthene	40.000	39.959	0.1	97	-0.02
76 I	Chrysene-d12	20.000	20.000	0.0	95	-0.02
77	Benzydine	40.000	61.067	-52.7#	166	-0.02
78	Pyrene	40.000	38.684	3.3	97	-0.02
79 S	Terphenyl-d14	80.000	80.206	-0.3	94	-0.02
80	Butylbenzylphthalate	40.000	44.324	-10.8	106	-0.02
81	Benzo(a)anthracene	40.000	39.239	1.9	96	-0.02
82	3,3'-Dichlorobenzidine	40.000	41.282	-3.2	104	-0.02
83	Chrysene	40.000	38.929	2.7	95	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	44.145	-10.4	105	-0.02
85 c	Di-n-octyl phthalate	40.000	44.140	-10.4	110	-0.03
86 I	Perylene-d12	20.000	20.000	0.0	99	-0.04
87	Indeno(1,2,3-cd)pyrene	40.000	40.374	-0.9	101	-0.05
88	Benzo(b)fluoranthene	40.000	38.970	2.6	98	-0.04
89	Benzo(k)fluoranthene	40.000	37.537	6.2	96	-0.03
90 C	Benzo(a)pyrene	40.000	39.427	1.4	99	-0.04
91	Dibenzo(a,h)anthracene	40.000	39.917	0.2	100	-0.07
92	Benzo(g,h,i)perylene	40.000	40.325	-0.8	101	-0.07

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049800.D
Acq On : 03 Apr 2025 11:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Apr 03 12:17:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TULL02

Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698 SDG No.: Q1698

Instrument ID: BNA_M Calibration Date/Time: 04/04/2025 10:38

Lab File ID: BM049817.D Init. Calib. Date(s): 03/13/2025 03/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:02 13:37

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.185	1.068		-9.9	
Phenol-d6	1.488	1.327		-10.8	
Nitrobenzene-d5	0.390	0.337		-13.6	
Naphthalene	1.028	0.942		-8.4	
2-Fluorobiphenyl	1.597	1.418		-11.2	
Acenaphthylene	1.677	1.570		-6.4	
Acenaphthene	1.100	1.003		-8.8	20.0
Fluorene	1.492	1.311		-12.1	
2,4,6-Tribromophenol	0.234	0.247		5.6	
Phenanthrene	1.111	1.012		-8.9	
Anthracene	1.076	0.999		-7.2	
Fluoranthene	1.279	1.159		-9.4	20.0
Pyrene	1.397	1.377		-1.4	
Terphenyl-d14	1.187	1.177		-0.8	
Benzo (a) anthracene	1.336	1.234		-7.6	
Chrysene	1.266	1.155		-8.8	
Benzo (b) fluoranthene	1.347	1.201		-10.8	
Benzo (k) fluoranthene	1.326	1.152		-13.1	
Benzo (a) pyrene	1.131	1.024		-9.5	20.0
Indeno (1,2,3-cd) pyrene	1.440	1.310		-9.0	
Dibenzo (a,h) anthracene	1.199	1.080		-9.9	
Benzo (g,h,i) perylene	1.208	1.091		-9.7	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049817.D
 Acq On : 04 Apr 2025 10:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
 Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 12:00:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	383759	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1277771	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	777422	20.000	ng	-0.01
64) Phenanthrene-d10	17.168	188	1430090	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1221496	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1206739	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1639161	72.071	ng	-0.02
7) Phenol-d6	6.963	99	2037155	71.374	ng	-0.02
23) Nitrobenzene-d5	8.945	82	1724581	69.295	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	767049	84.496	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	4408811	71.023	ng	-0.02
79) Terphenyl-d14	19.792	244	5750376	79.330	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	337417	34.271	ng	96
3) Pyridine	3.675	79	856134	34.049	ng	98
4) n-Nitrosodimethylamine	3.581	42	342839	30.815	ng	89
6) Aniline	7.116	93	872029	36.468	ng	98
8) 2-Chlorophenol	7.357	128	830076	36.855	ng	96
9) Benzaldehyde	6.928	77	581078	41.182	ng	98
10) Phenol	6.987	94	978678	35.363	ng	95
11) bis(2-Chloroethyl)ether	7.210	93	787009	35.117	ng	99
12) 1,3-Dichlorobenzene	7.675	146	982916	35.911	ng	99
13) 1,4-Dichlorobenzene	7.822	146	1000277	36.225	ng	98
14) 1,2-Dichlorobenzene	8.139	146	941307	35.870	ng	99
15) Benzyl Alcohol	8.028	79	647436	36.147	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.322	45	886920	33.671	ng	100
17) 2-Methylphenol	8.234	107	607703	36.985	ng	96
18) Hexachloroethane	8.869	117	347437	35.630	ng	92
19) n-Nitroso-di-n-propyla...	8.592	70	571397	34.525	ng	98
20) 3+4-Methylphenols	8.563	107	830161	37.701	ng	97
22) Acetophenone	8.610	105	1158632	35.167	ng	97
24) Nitrobenzene	8.986	77	820620	34.969	ng	94
25) Isophorone	9.516	82	1411785	36.947	ng	97
26) 2-Nitrophenol	9.698	139	432843	43.336	ng	95
27) 2,4-Dimethylphenol	9.763	122	496653	39.064	ng	97
28) bis(2-Chloroethoxy)met...	9.992	93	962349	35.758	ng	99
29) 2,4-Dichlorophenol	10.233	162	795158	38.383	ng	98
30) 1,2,4-Trichlorobenzene	10.445	180	931101	35.923	ng	99
31) Naphthalene	10.633	128	2408077	36.651	ng	99
32) Benzoic acid	9.892	122	512638m	47.411	ng	
33) 4-Chloroaniline	10.739	127	846116	37.734	ng	97
34) Hexachlorobutadiene	10.922	225	575804	35.986	ng	98
35) Caprolactam	11.522	113	203806	42.373	ng	88
36) 4-Chloro-3-methylphenol	11.875	107	692928	38.976	ng	99
37) 2-Methylnaphthalene	12.245	142	1701396	37.033	ng	98
38) 1-Methylnaphthalene	12.469	142	1632543	36.830	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	1012102	35.442	ng	99
41) Hexachlorocyclopentadiene	12.604	237	386736	36.556	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	635671	39.746	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049817.D
 Acq On : 04 Apr 2025 10:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations**APPROVED**

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 12:00:50 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 13 14:55:34 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	675303	38.693	ng	99
46) 1,1'-Biphenyl	13.263	154	2190011	36.551	ng	99
47) 2-Chloronaphthalene	13.304	162	1688562	36.206	ng	98
48) 2-Nitroaniline	13.504	65	391096	37.356	ng	92
49) Acenaphthylene	14.151	152	2441082	37.446	ng	100
50) Dimethylphthalate	13.886	163	1997501	37.319	ng	100
51) 2,6-Dinitrotoluene	14.004	165	419447	39.110	ng	89
52) Acenaphthene	14.492	154	1559131	36.463	ng	100
53) 3-Nitroaniline	14.327	138	404686	39.653	ng	95
54) 2,4-Dinitrophenol	14.539	184	219111	41.202	ng	92
55) Dibenzofuran	14.827	168	2572975	36.111	ng	98
56) 4-Nitrophenol	14.645	139	343111	38.623	ng	89
57) 2,4-Dinitrotoluene	14.792	165	549400	39.810	ng	92
58) Fluorene	15.480	166	2037851	35.129	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	558093	38.201	ng	98
60) Diethylphthalate	15.257	149	1906819	37.825	ng	98
61) 4-Chlorophenyl-phenyle...	15.474	204	1109632	35.029	ng	97
62) 4-Nitroaniline	15.492	138	406306	34.599	ng	92
63) Azobenzene	15.762	77	1678601	34.861	ng	97
65) 4,6-Dinitro-2-methylph...	15.557	198	298459	40.397	ng	98
66) n-Nitrosodiphenylamine	15.686	169	1641434	37.883	ng	98
67) 4-Bromophenyl-phenylether	16.362	248	625696	37.895	ng	98
68) Hexachlorobenzene	16.486	284	696630	37.519	ng	96
69) Atrazine	16.639	200	404938	42.406	ng	99
70) Pentachlorophenol	16.827	266	461153	39.522	ng	99
71) Phenanthrene	17.215	178	2893600	36.439	ng	99
72) Anthracene	17.304	178	2857091	37.151	ng	100
73) Carbazole	17.574	167	2584889	37.114	ng	99
74) Di-n-butylphthalate	18.139	149	3116213	40.822	ng	99
75) Fluoranthene	19.227	202	3316025	36.271	ng	99
77) Benzidine	19.409	184	1034593	70.500	ng	99
78) Pyrene	19.592	202	3364035	39.419	ng	100
80) Butylbenzylphthalate	20.492	149	1253995	47.348	ng	95
81) Benzo(a)anthracene	21.386	228	3015418	36.959	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	1030393	38.790	ng	97
83) Chrysene	21.450	228	2821329	36.479	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	1889819	45.786	ng	98
85) Di-n-octyl phthalate	22.450	149	3048087	47.513	ng	97
87) Indeno(1,2,3-cd)pyrene	27.791	276	3161516	36.400	ng	99
88) Benzo(b)fluoranthene	23.462	252	2899540	35.674	ng	99
89) Benzo(k)fluoranthene	23.527	252	2780759	34.770	ng	100
90) Benzo(a)pyrene	24.262	252	2470639	36.189	ng	100
91) Dibenzo(a,h)anthracene	27.850	278	2606595	36.020	ng	99
92) Benzo(g,h,i)perylene	28.850	276	2632072	36.110	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049817.D
 Acq On : 04 Apr 2025 10:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations**APPROVED**

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025

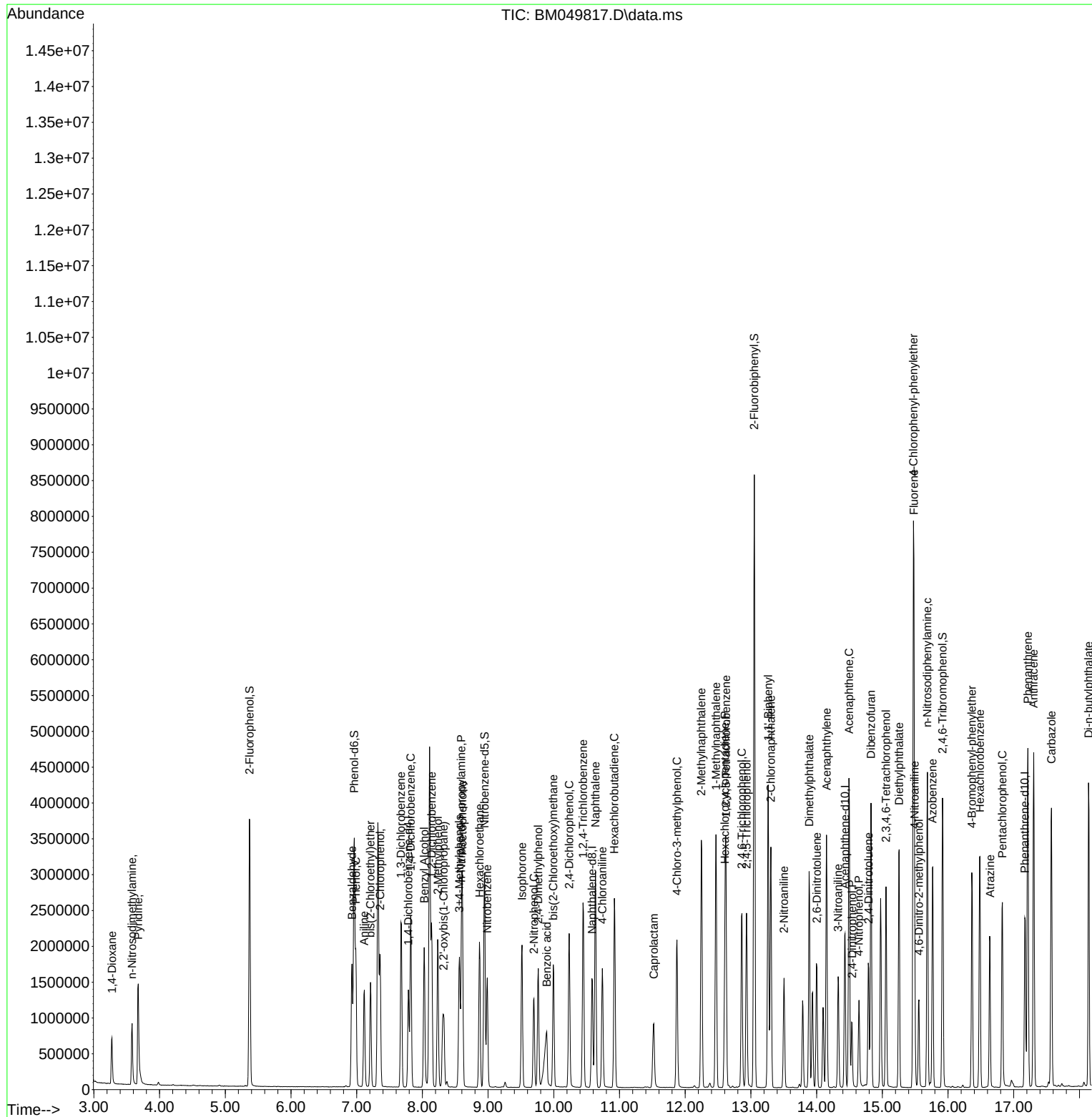
Quant Time: Apr 04 12:00:50 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 13 14:55:34 2025

Response via : Initial Calibration



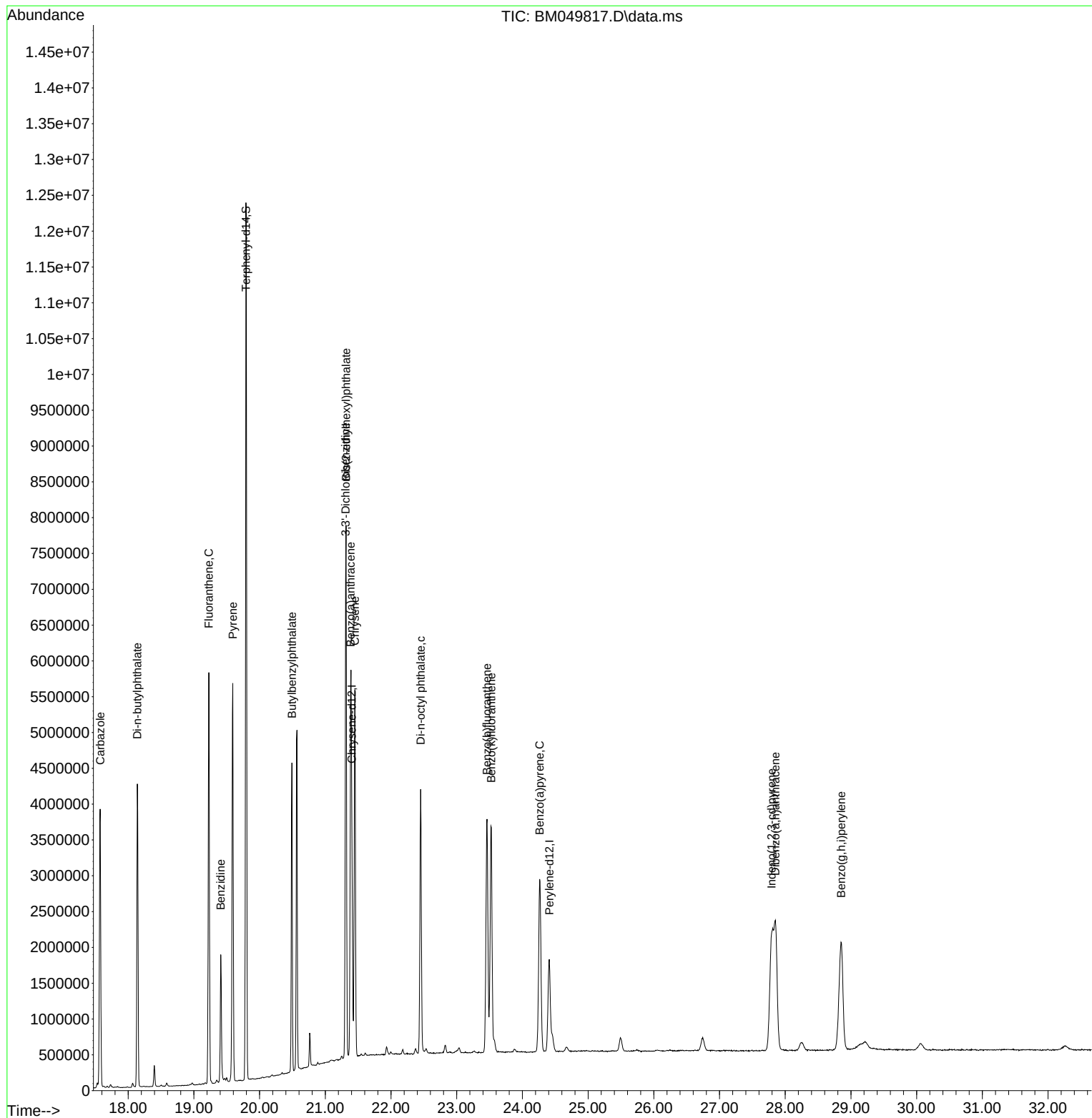
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Data File : BM049817.D
Acq On : 04 Apr 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

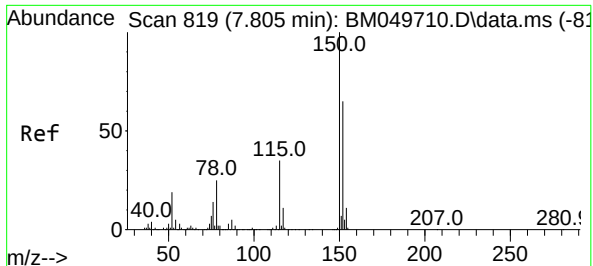
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

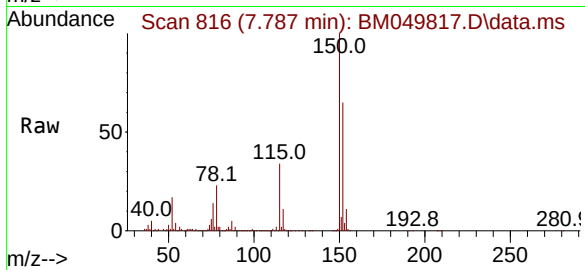
Quant Time: Apr 04 12:00:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

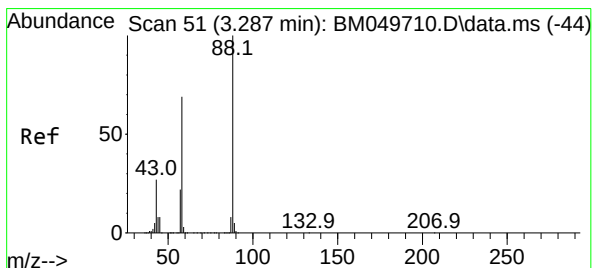
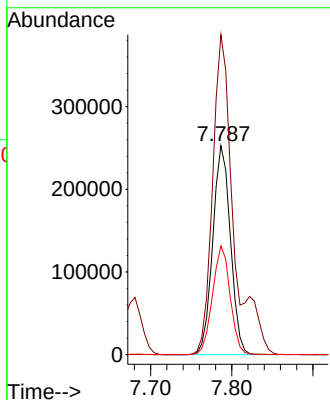
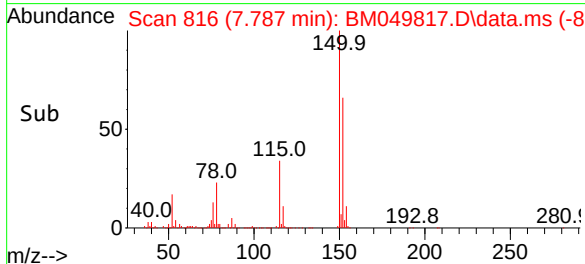
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 383759
Ion Ratio Lower Upper
152 100
150 153.2 123.8 185.8
115 52.1 43.0 64.6

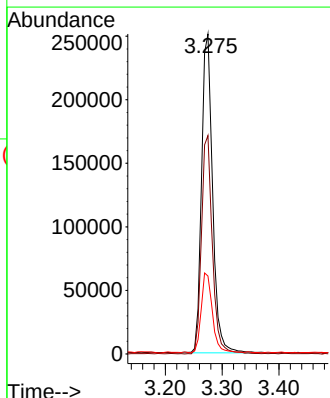
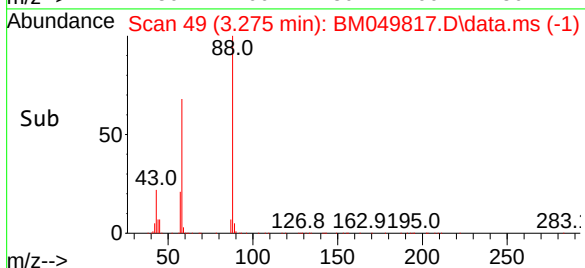
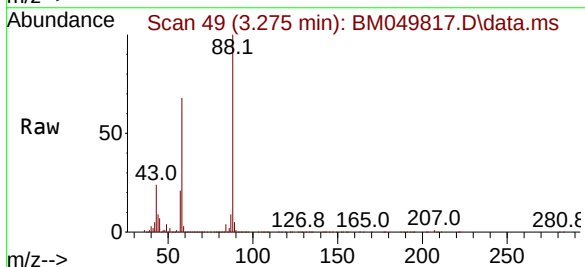
Manual Integrations
APPROVED

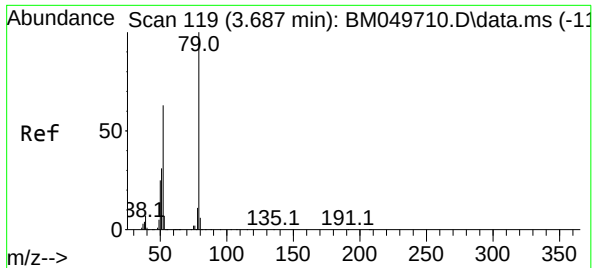
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#2
1,4-Dioxane
Concen: 34.271 ng
RT: 3.275 min Scan# 49
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

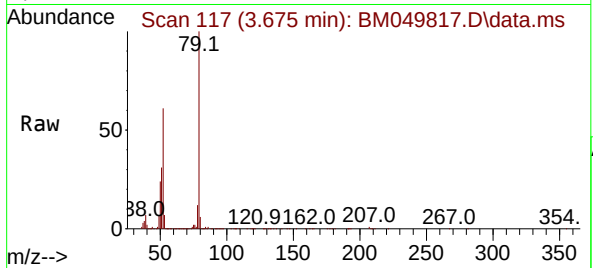
Tgt Ion: 88 Resp: 337417
Ion Ratio Lower Upper
88 100
58 68.0 56.7 85.1
43 25.1 22.6 34.0





#3
Pyridine
Concen: 34.049 ng
RT: 3.675 min Scan# 119
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

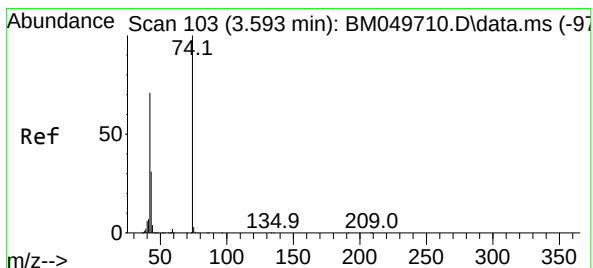
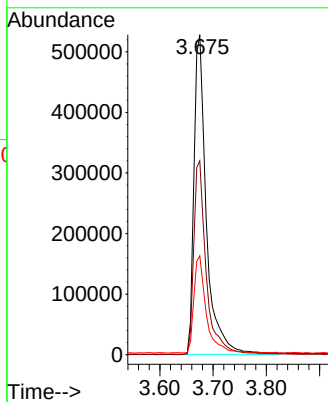
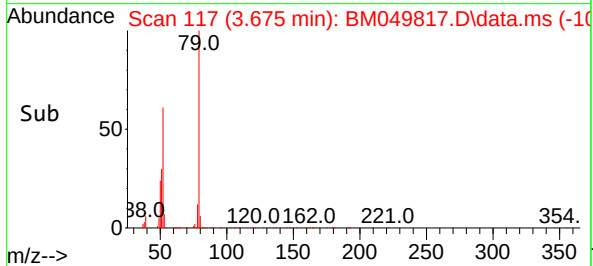
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 856134
Ion Ratio Lower Upper
79 100
52 60.6 50.1 75.1
51 30.9 25.2 37.8

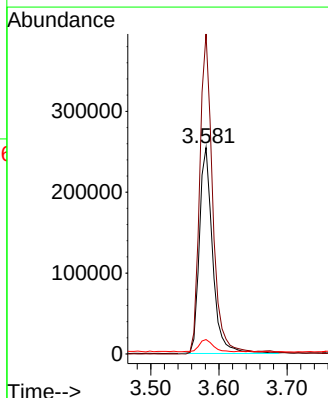
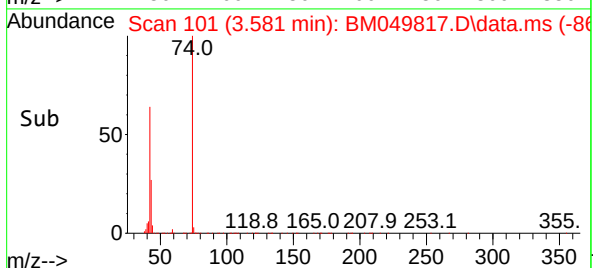
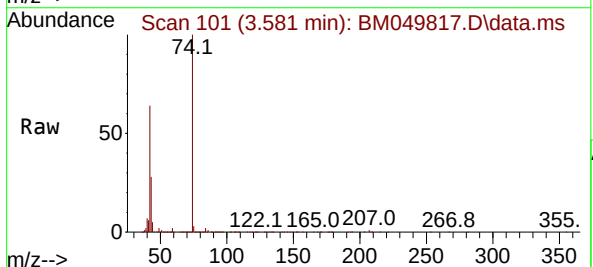
Manual Integrations
APPROVED

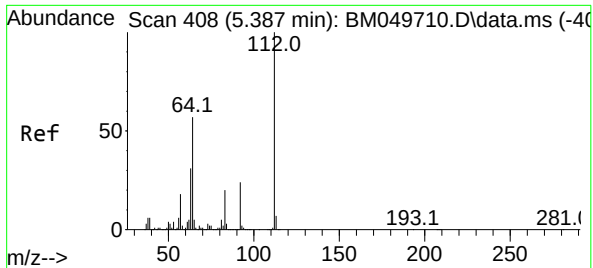
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#4
n-Nitrosodimethylamine
Concen: 30.815 ng
RT: 3.581 min Scan# 101
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

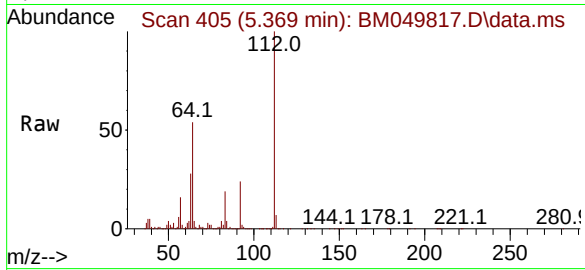
Tgt Ion: 42 Resp: 342839
Ion Ratio Lower Upper
42 100
74 155.1 112.6 168.8
44 7.0 5.0 7.6





#5
2-Fluorophenol
Concen: 72.071 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

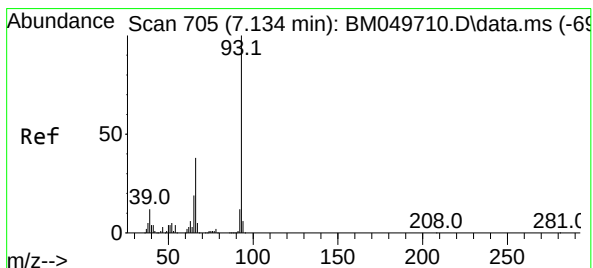
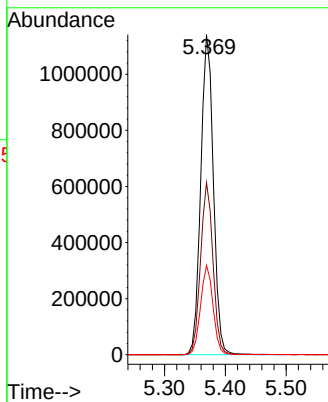
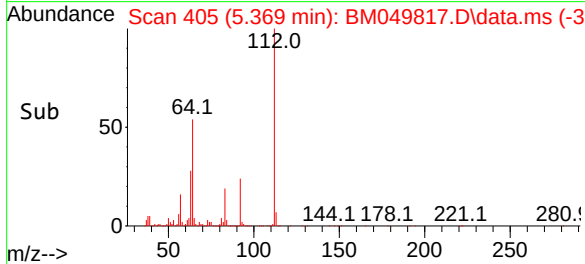
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 163916
Ion Ratio Lower Upper
112 100
64 53.8 45.3 67.9
63 27.9 24.4 36.6

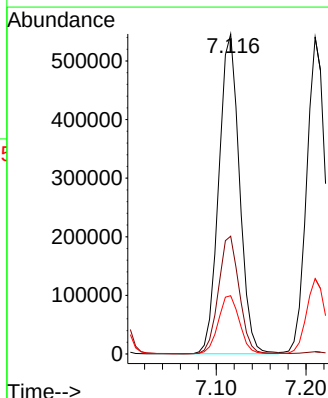
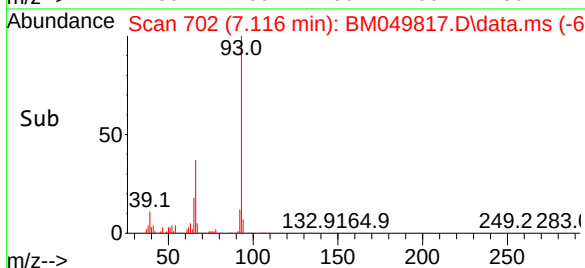
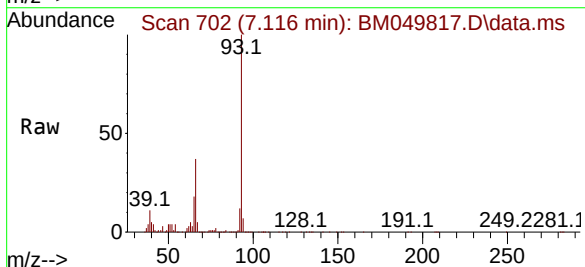
Manual Integrations
APPROVED

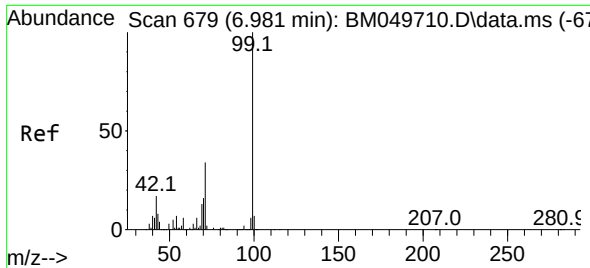
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#6
Aniline
Concen: 36.468 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

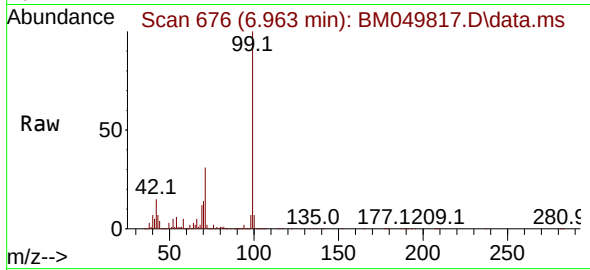
Tgt Ion: 93 Resp: 872029
Ion Ratio Lower Upper
93 100
66 36.8 30.6 46.0
65 18.2 15.4 23.2





#7
Phenol-d6
Concen: 71.374 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

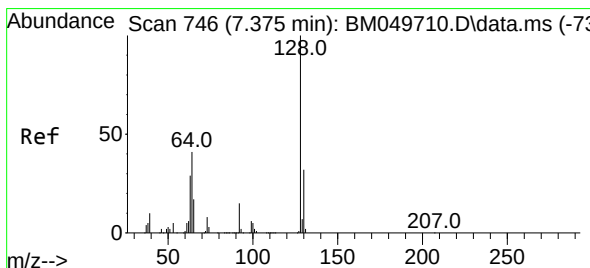
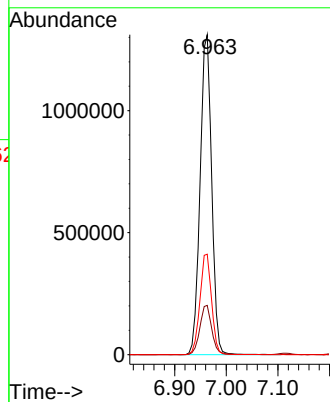
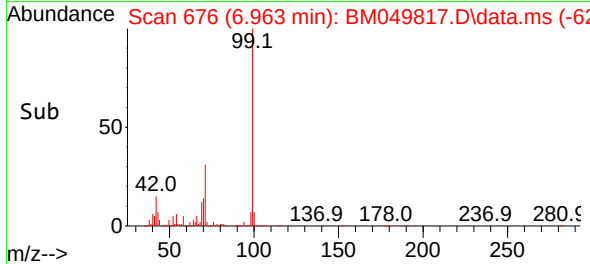
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 203715
Ion Ratio Lower Upper
99 100
42 15.4 13.6 20.4
71 31.4 27.0 40.6

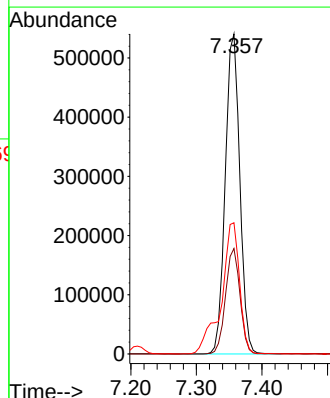
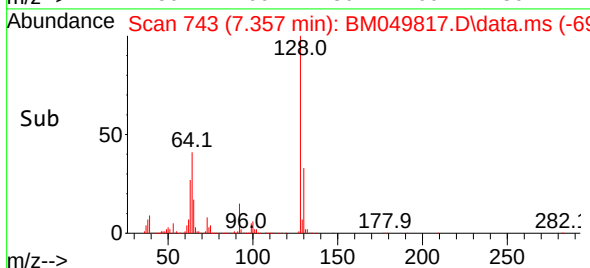
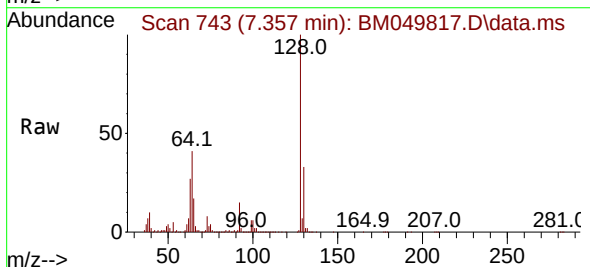
Manual Integrations
APPROVED

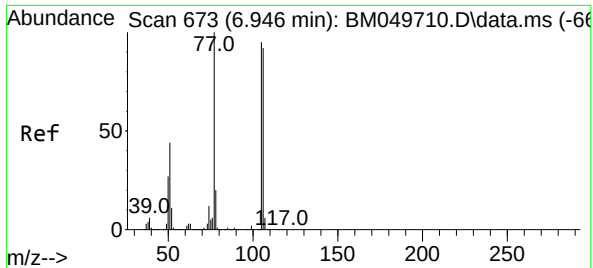
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#8
2-Chlorophenol
Concen: 36.855 ng
RT: 7.357 min Scan# 743
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

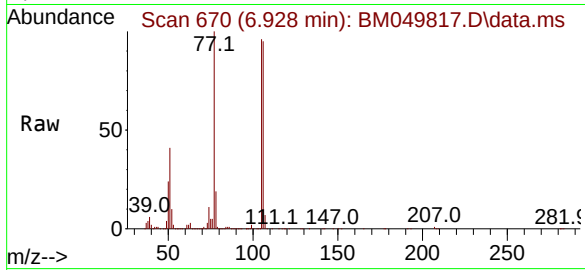
Tgt Ion:128 Resp: 830076
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 41.0 24.9 64.9





#9
Benzaldehyde
Concen: 41.182 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

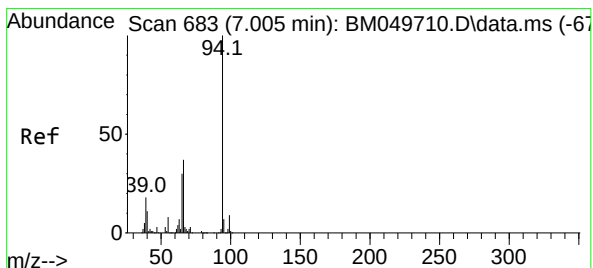
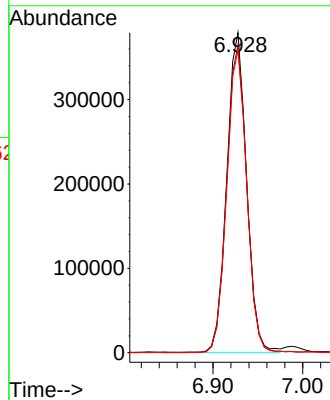
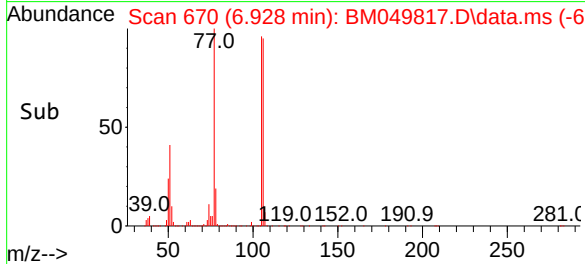
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 581078
Ion Ratio Lower Upper
77 100
105 96.2 75.0 115.0
106 94.5 72.3 112.3

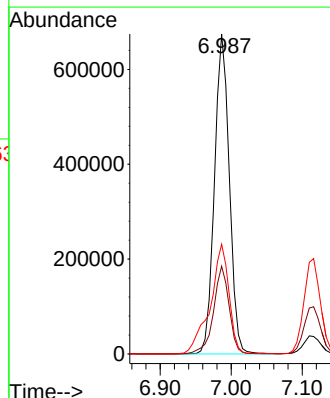
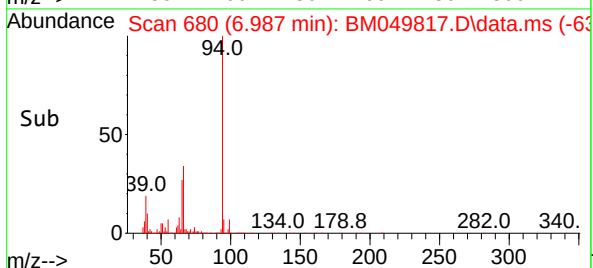
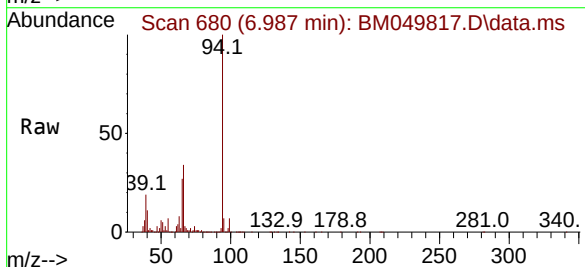
Manual Integrations
APPROVED

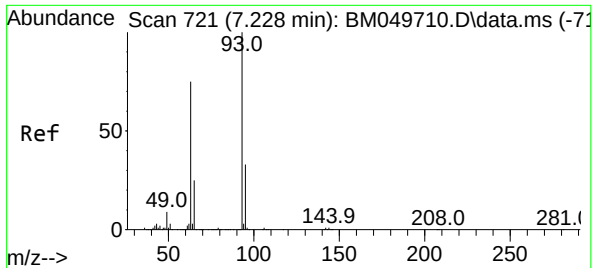
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#10
Phenol
Concen: 35.363 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

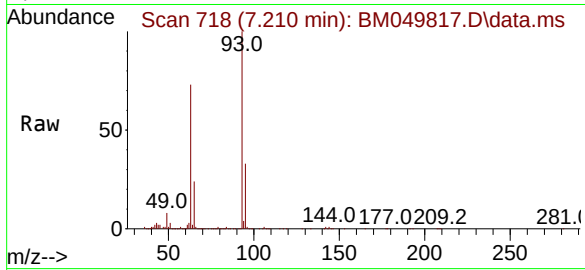
Tgt Ion: 94 Resp: 978678
Ion Ratio Lower Upper
94 100
65 27.4 10.4 50.4
66 34.3 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 35.117 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

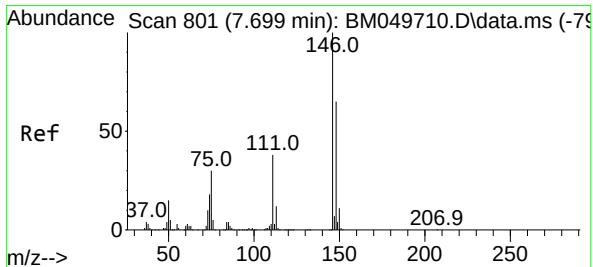
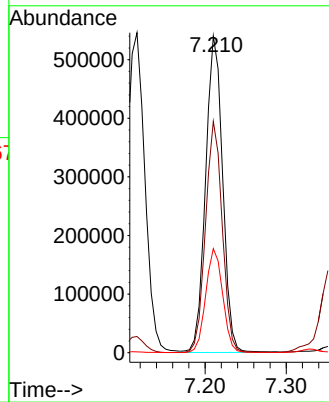
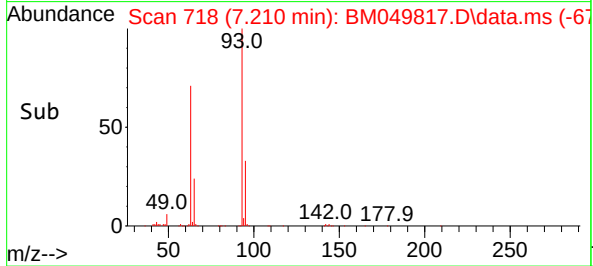
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 787009
Ion Ratio Lower Upper
93 100
63 73.0 54.8 94.8
95 32.8 12.8 52.8

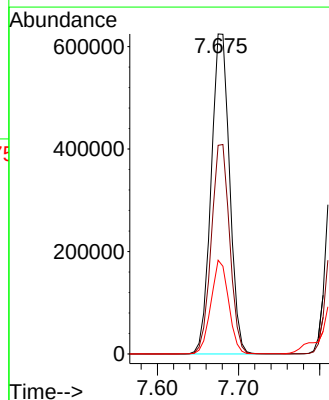
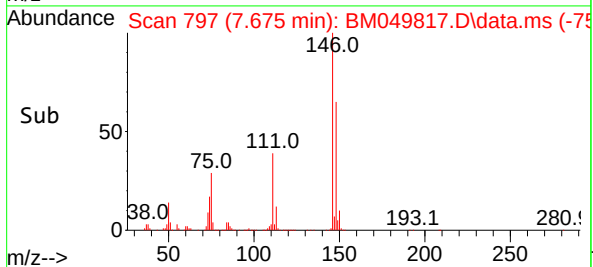
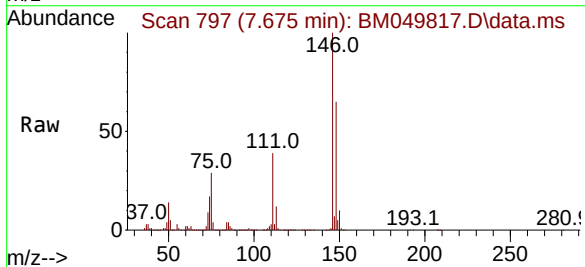
Manual Integrations
APPROVED

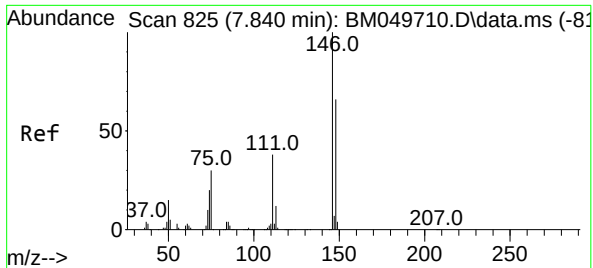
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#12
1,3-Dichlorobenzene
Concen: 35.911 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

Tgt Ion:146 Resp: 982916
Ion Ratio Lower Upper
146 100
148 65.2 52.3 78.5
75 29.3 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 36.225 ng

RT: 7.822 min Scan# 81

Delta R.T. -0.018 min

Lab File: BM049817.D

Acq: 04 Apr 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 100027

Ion Ratio Lower Upper

146 100

148 64.6 52.6 79.0

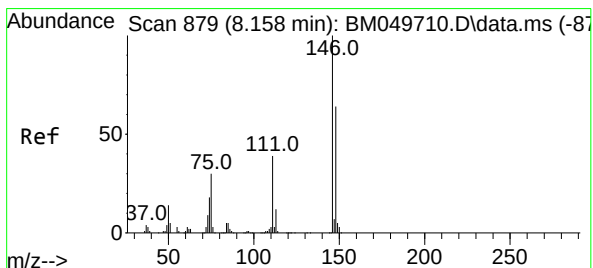
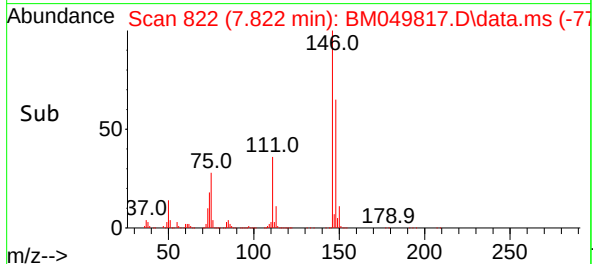
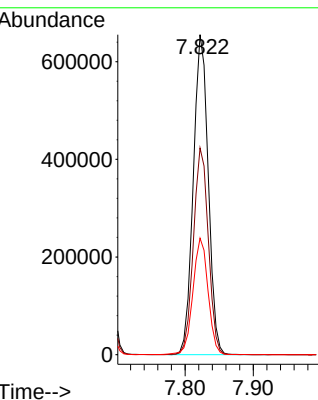
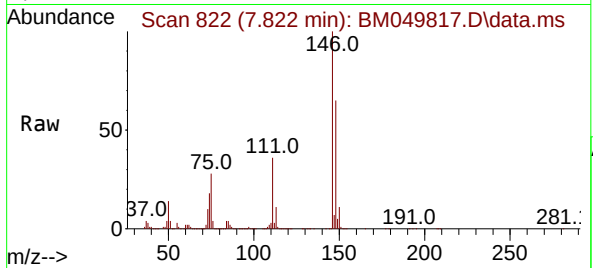
111 36.4 30.8 46.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#14

1,2-Dichlorobenzene

Concen: 35.870 ng

RT: 8.139 min Scan# 876

Delta R.T. -0.018 min

Lab File: BM049817.D

Acq: 04 Apr 2025 10:38

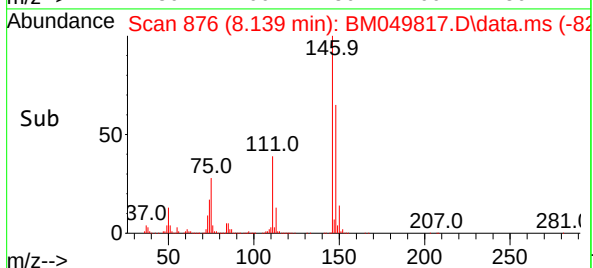
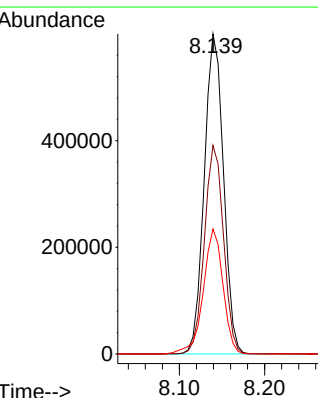
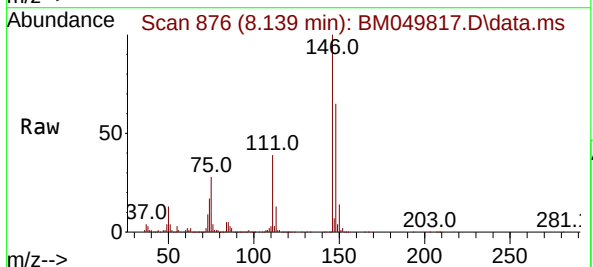
Tgt Ion:146 Resp: 941307

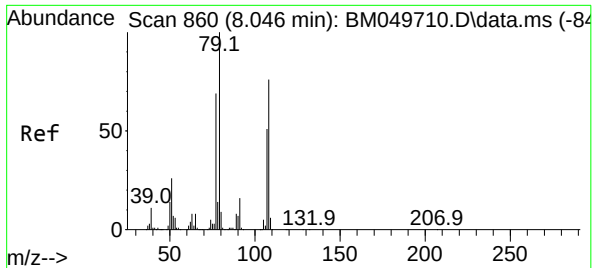
Ion Ratio Lower Upper

146 100

148 65.1 50.9 76.3

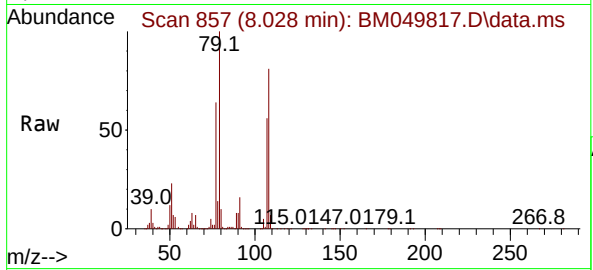
111 39.1 31.0 46.6





#15
Benzyl Alcohol
Concen: 36.147 ng
RT: 8.028 min Scan# 801
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

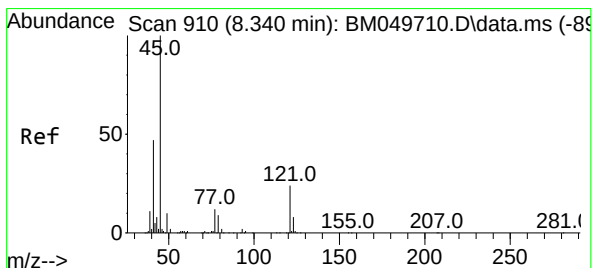
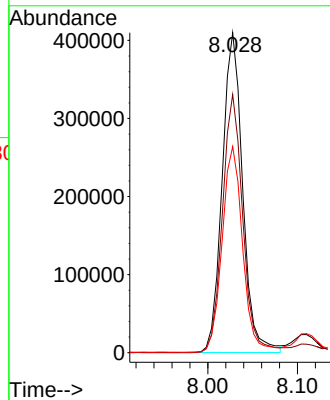
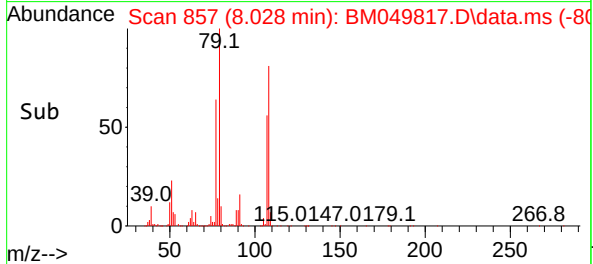
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



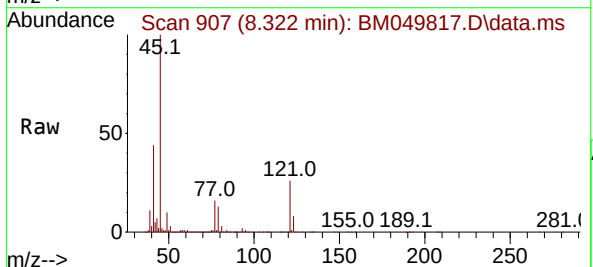
Tgt Ion: 79 Resp: 647430
Ion Ratio Lower Upper
79 100
108 80.7 60.7 91.1
77 64.4 55.4 83.2

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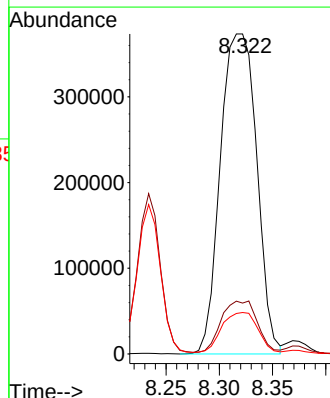
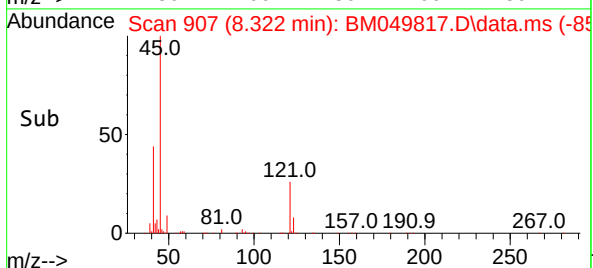
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

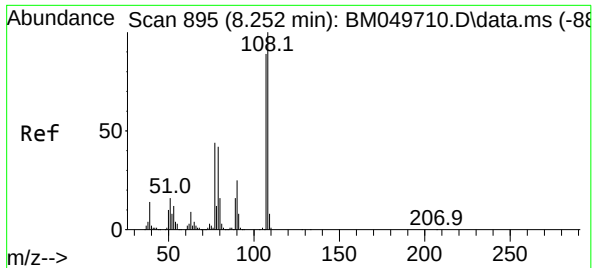


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.671 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38



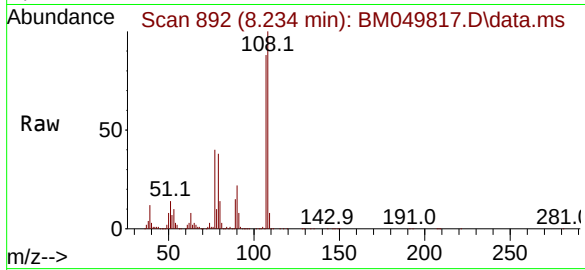
Tgt Ion: 45 Resp: 886920
Ion Ratio Lower Upper
45 100
77 15.9 0.0 36.1
79 13.0 0.0 32.8





#17
2-Methylphenol
Concen: 36.985 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

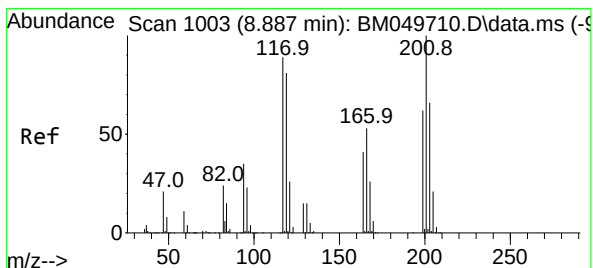
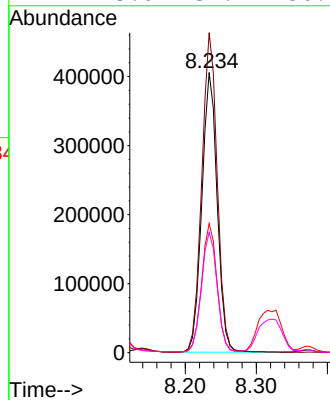
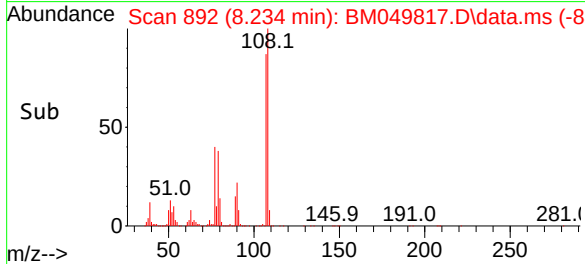
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 60770
Ion Ratio Lower Upper
107 100
108 114.2 89.6 134.4
77 46.1 39.8 59.6
79 43.0 37.4 56.2

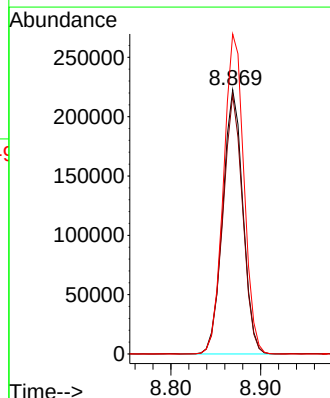
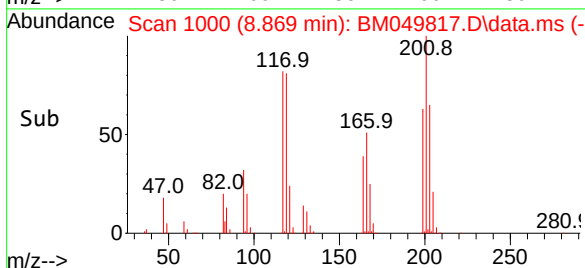
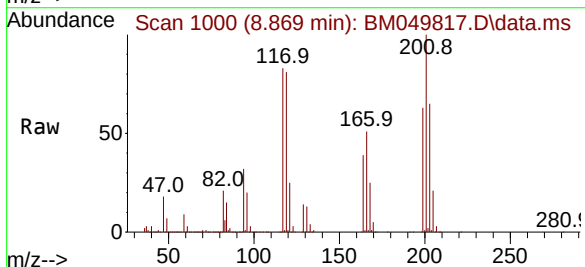
Manual Integrations
APPROVED

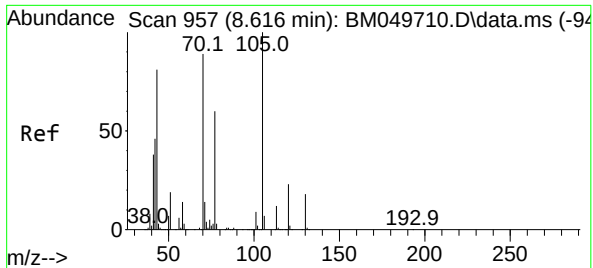
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#18
Hexachloroethane
Concen: 35.630 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

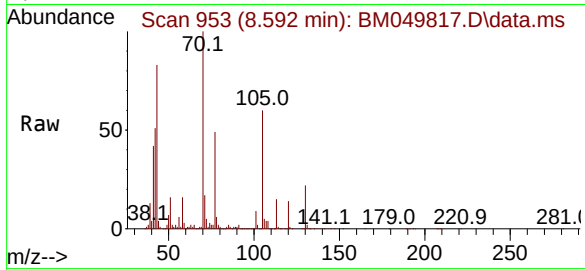
Tgt Ion:117 Resp: 347437
Ion Ratio Lower Upper
117 100
119 98.1 73.1 109.7
201 121.2 90.0 135.0





#19
n-Nitroso-di-n-propylamine
Concen: 34.525 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

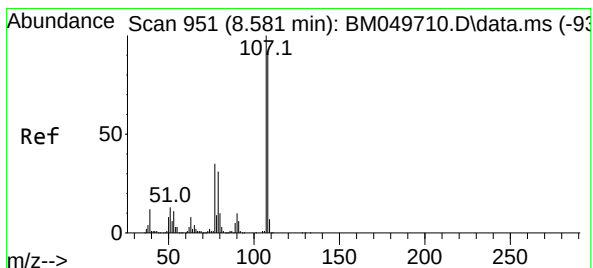
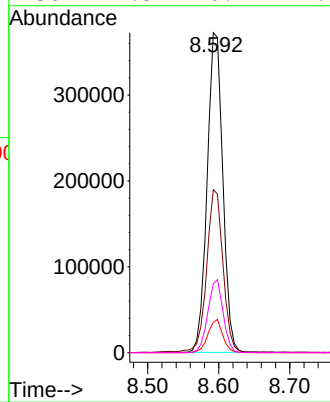
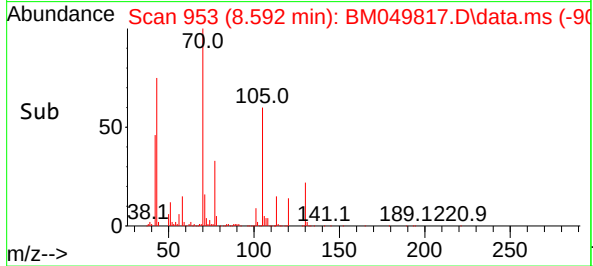
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 57139
Ion Ratio Lower Upper
70 100
42 50.9 41.8 62.6
101 9.4 7.7 11.5
130 21.5 16.2 24.4

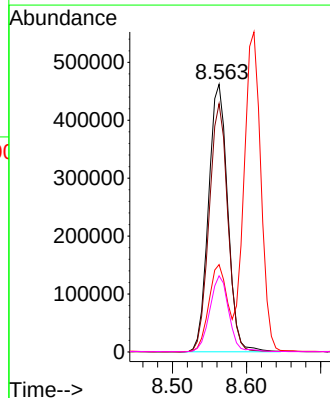
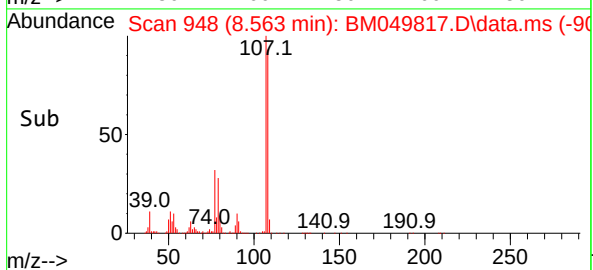
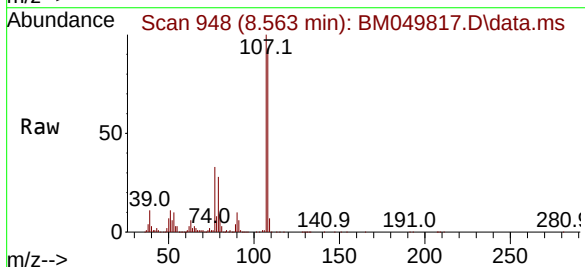
Manual Integrations
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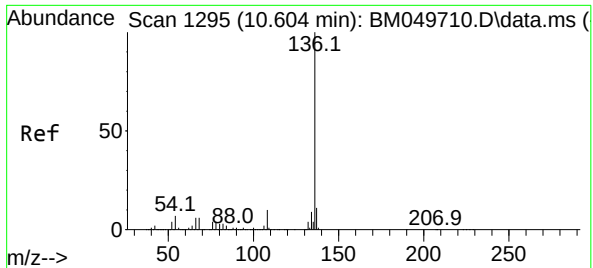
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#20
3+4-Methylphenols
Concen: 37.701 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

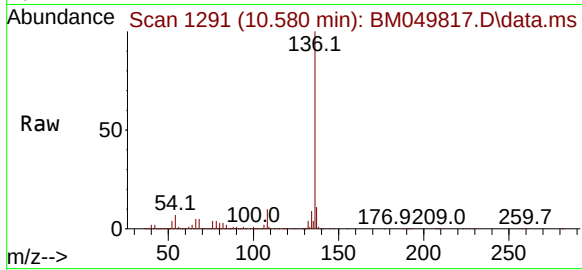
Tgt Ion:107 Resp: 830161
Ion Ratio Lower Upper
107 100
108 92.8 71.0 111.0
77 32.7 15.1 55.1
79 28.5 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

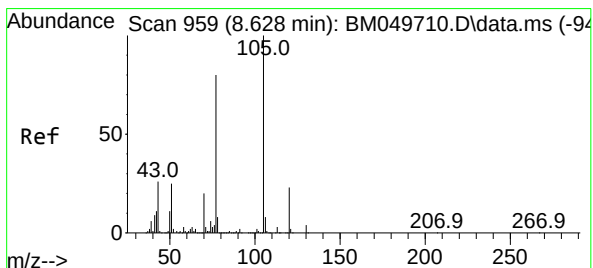
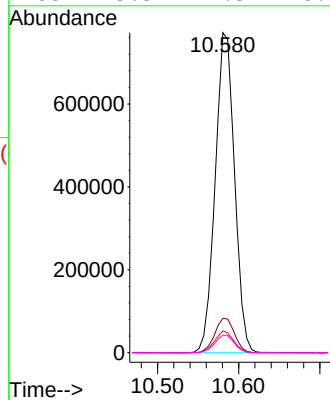
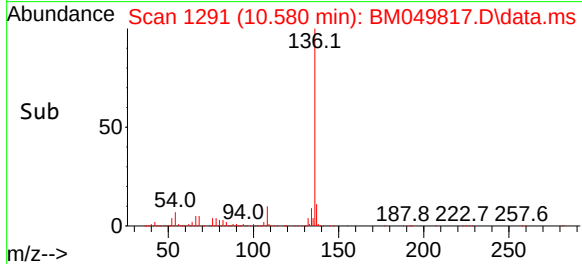
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 127777
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.8 5.8 8.8
68 5.5 4.5 6.7

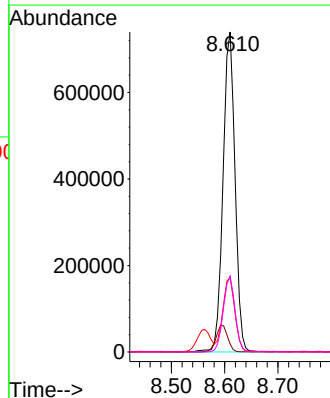
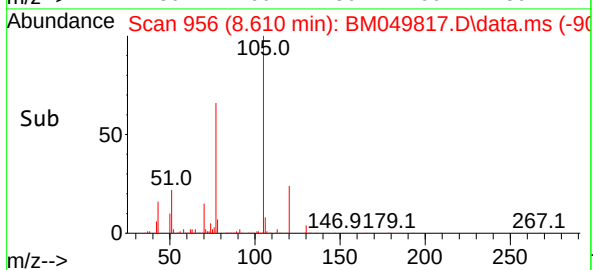
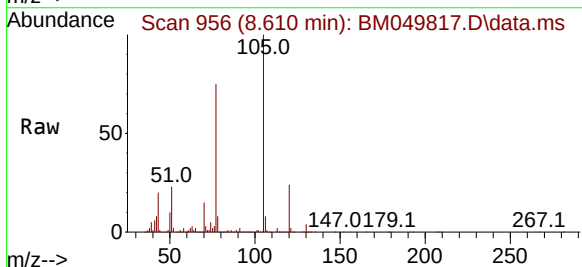
Manual Integrations
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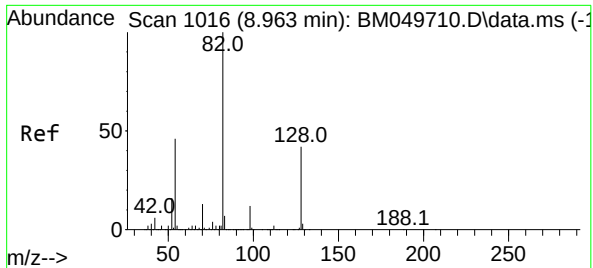
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#22
Acetophenone
Concen: 35.167 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

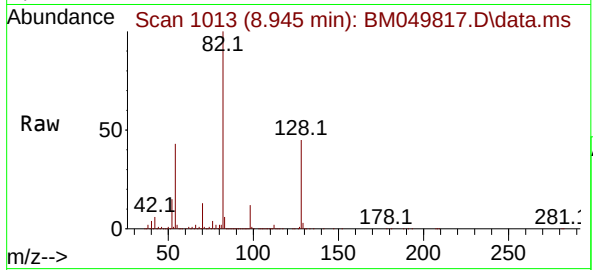
Tgt Ion:105 Resp: 1158632
Ion Ratio Lower Upper
105 100
71 2.5 2.5 3.7
51 23.2 19.9 29.9
120 23.7 18.3 27.5





#23
Nitrobenzene-d5
Concen: 69.295 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

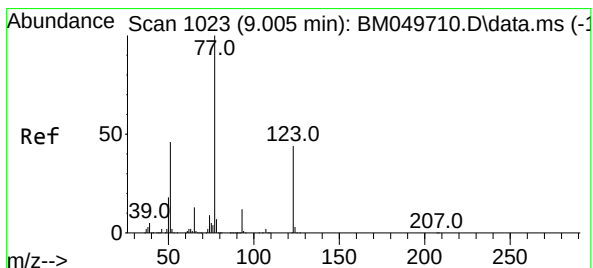
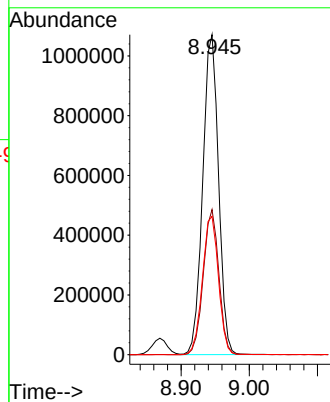
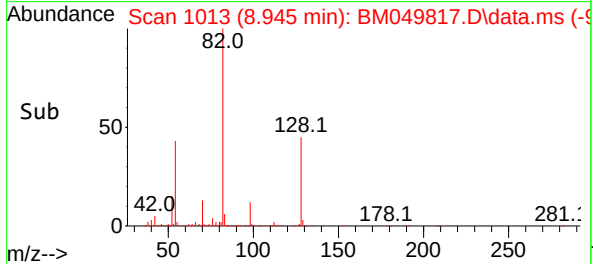
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 172458
Ion Ratio Lower Upper
82 100
128 45.4 33.4 50.0
54 43.2 36.4 54.6

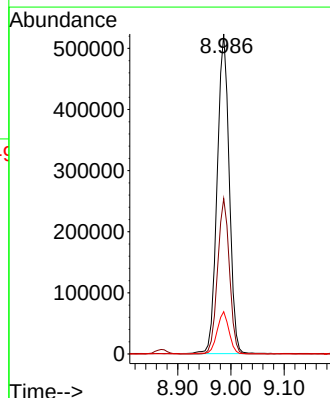
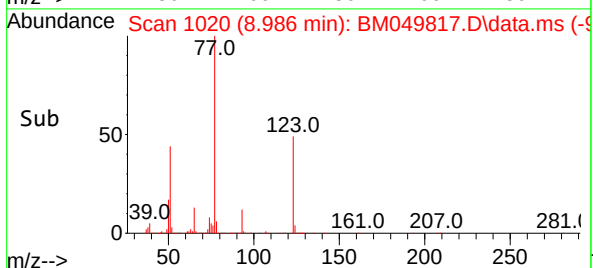
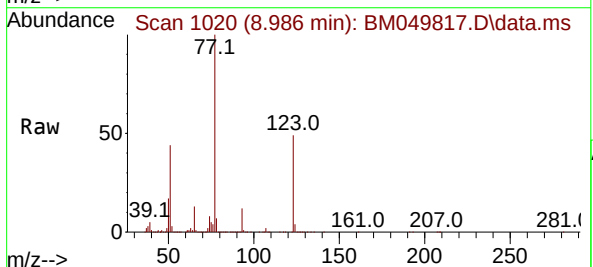
Manual Integrations
APPROVED

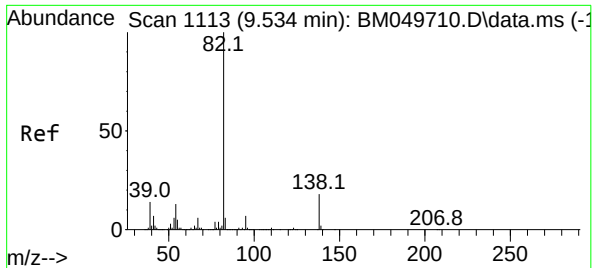
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#24
Nitrobenzene
Concen: 34.969 ng
RT: 8.986 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

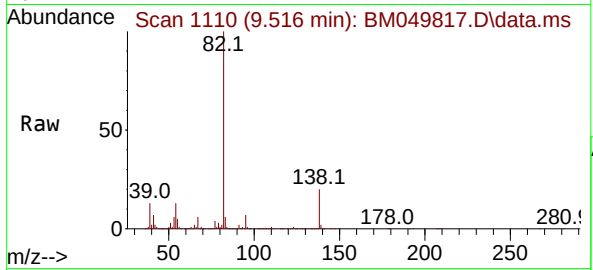
Tgt Ion: 77 Resp: 820620
Ion Ratio Lower Upper
77 100
123 48.6 34.9 52.3
65 13.2 10.6 15.8





#25
Isophorone
Concen: 36.947 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

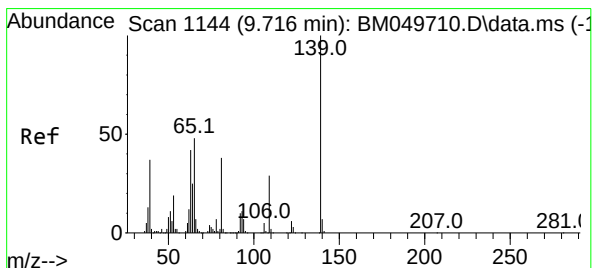
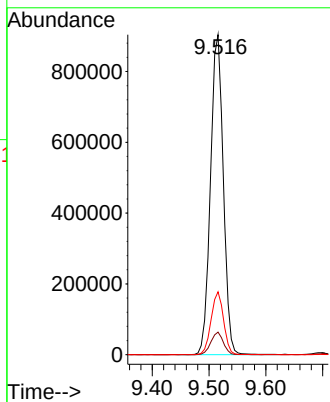
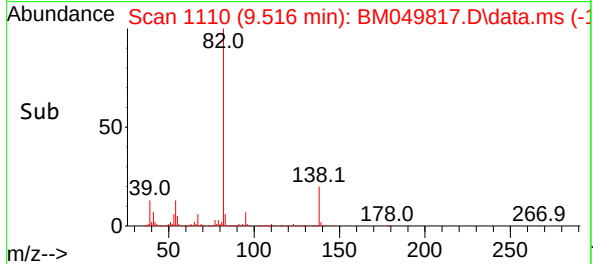
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 141178
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 19.6 14.4 21.6

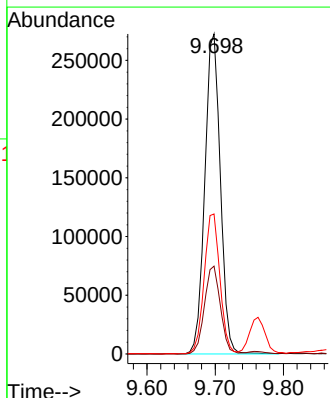
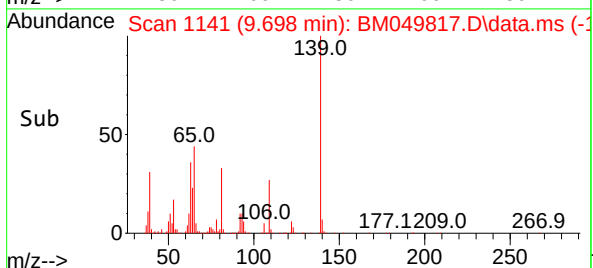
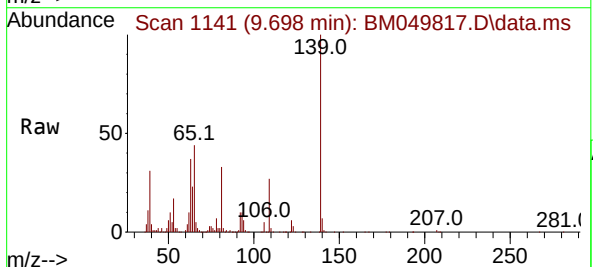
Manual Integrations
APPROVED

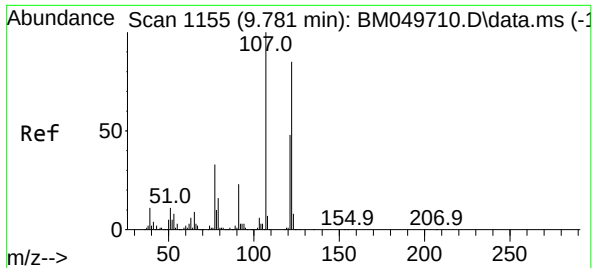
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#26
2-Nitrophenol
Concen: 43.336 ng
RT: 9.698 min Scan# 1141
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

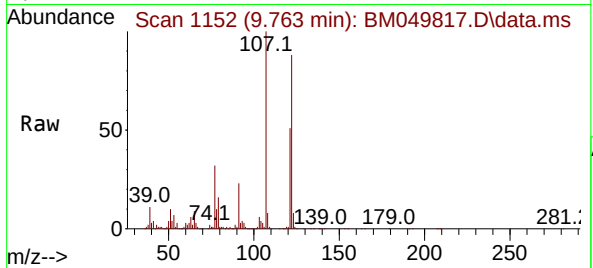
Tgt Ion:139 Resp: 432843
Ion Ratio Lower Upper
139 100
109 27.4 23.3 34.9
65 43.7 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 39.064 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

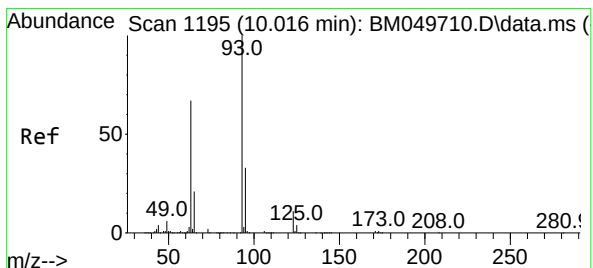
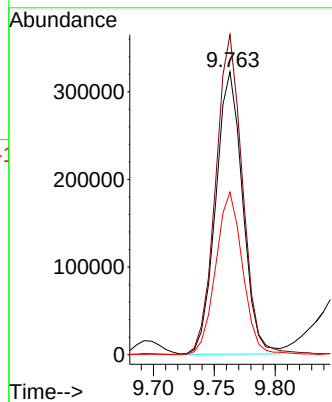
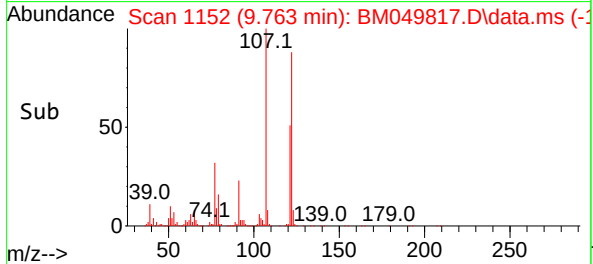
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:122 Resp: 49665
Ion Ratio Lower Upper
122 100
107 113.1 94.3 141.5
121 57.5 45.4 68.2

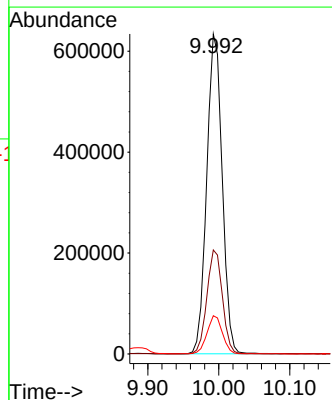
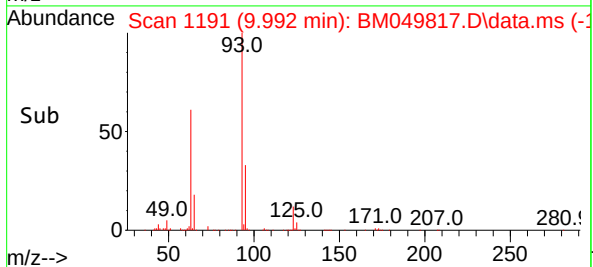
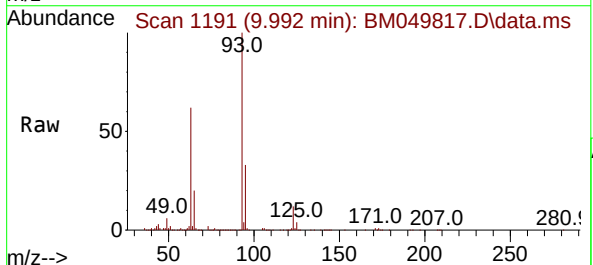
Manual Integrations
APPROVED

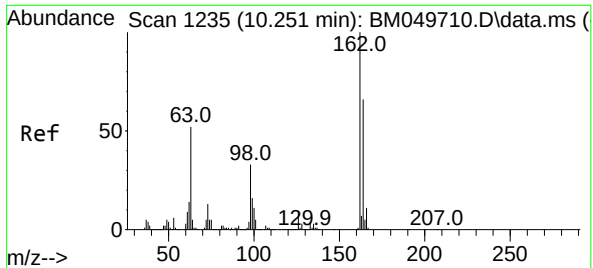
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 35.758 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

Tgt Ion: 93 Resp: 962349
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 12.0 9.0 13.6





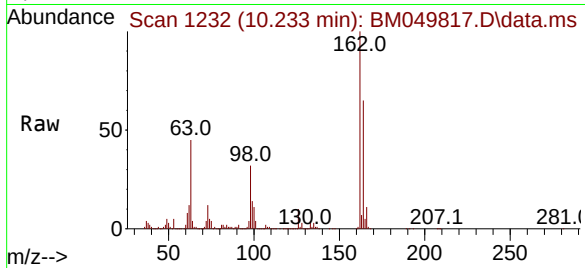
#29
2,4-Dichlorophenol
Concen: 38.383 ng
RT: 10.233 min Scan# 1232
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

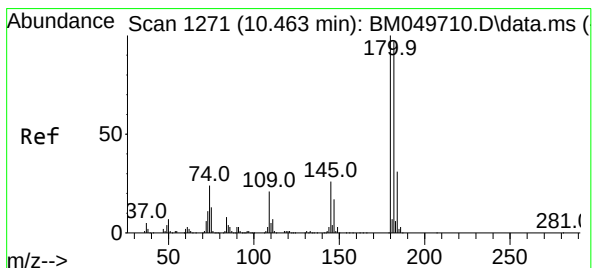
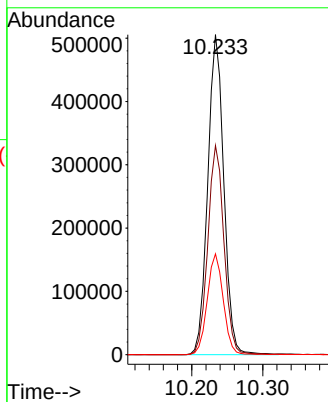
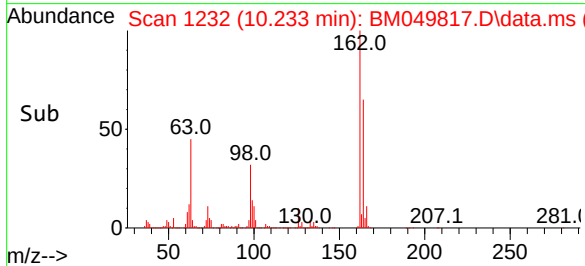


Tgt Ion:162 Resp: 795158
Ion Ratio Lower Upper
162 100
164 65.4 46.3 86.3
98 31.5 12.8 52.8

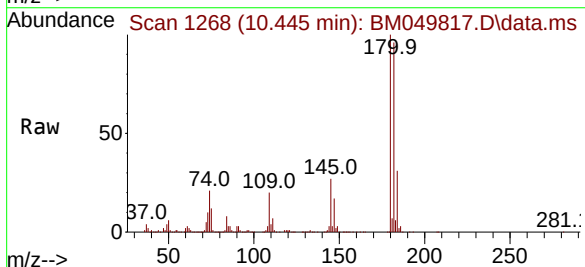
Manual Integrations

APPROVED

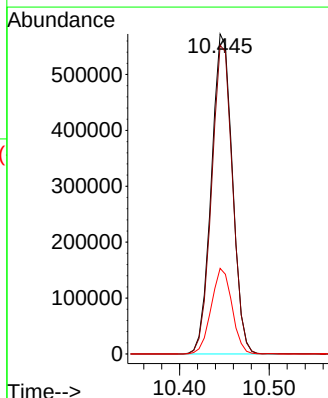
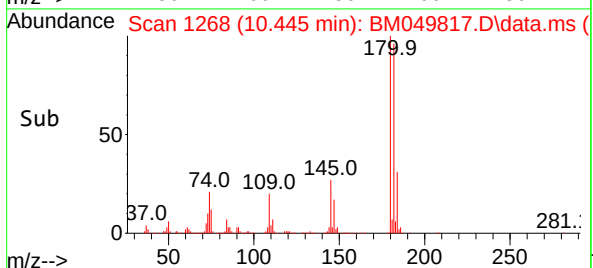
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

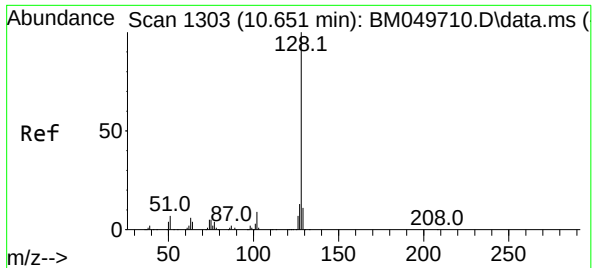


#30
1,2,4-Trichlorobenzene
Concen: 35.923 ng
RT: 10.445 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38



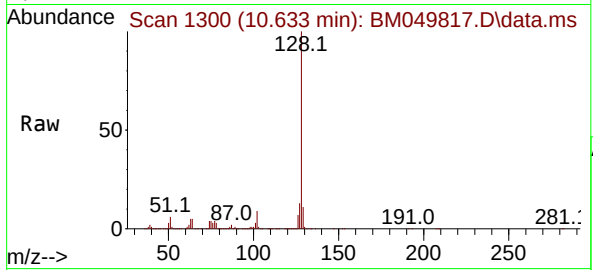
Tgt Ion:180 Resp: 931101
Ion Ratio Lower Upper
180 100
182 96.5 77.7 116.5
145 26.8 21.0 31.4





#31
Naphthalene
Concen: 36.651 ng
RT: 10.633 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

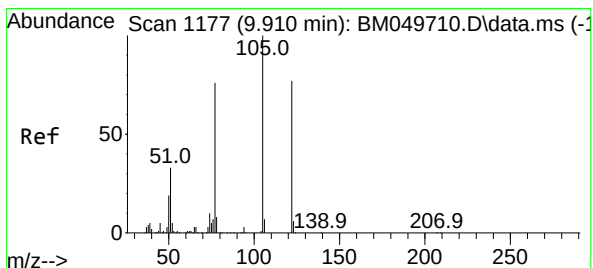
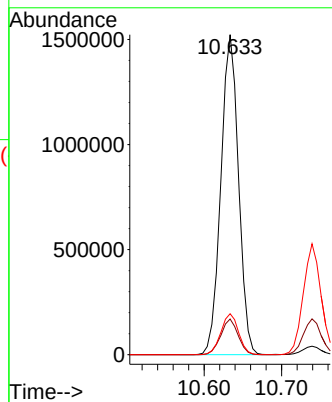
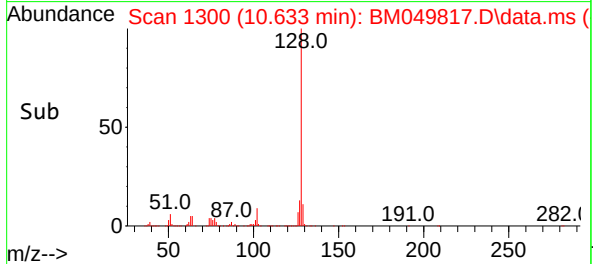
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 240807
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.8 10.4 15.6

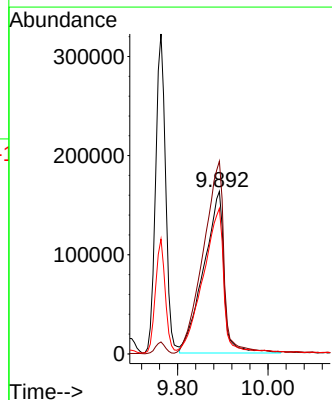
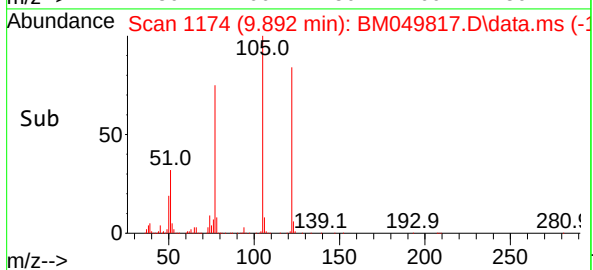
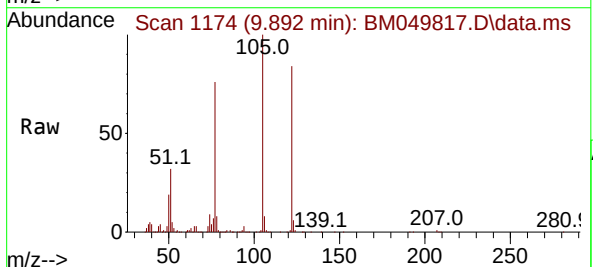
Manual Integrations
APPROVED

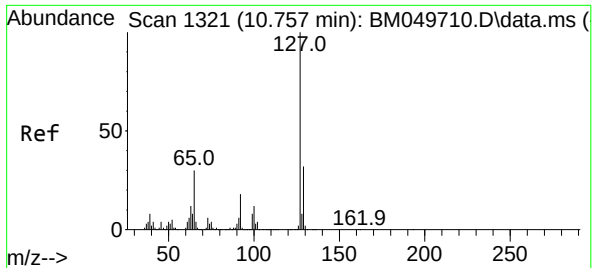
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#32
Benzoic acid
Concen: 47.411 ng m
RT: 9.892 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

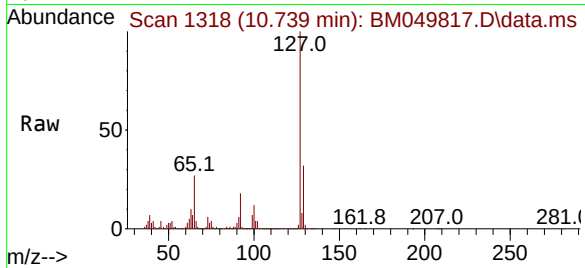
Tgt Ion:122 Resp: 512638
Ion Ratio Lower Upper
122 100
105 118.6 105.6 145.6
77 89.5 76.9 116.9





#33
4-Chloroaniline
Concen: 37.734 ng
RT: 10.739 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

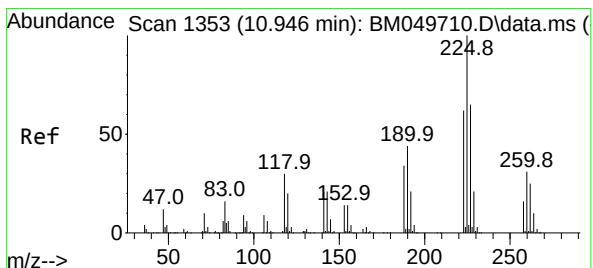
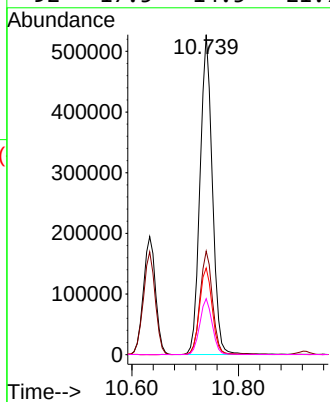
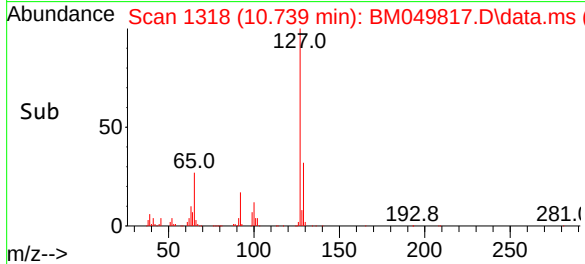
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:127 Resp: 846110
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 27.1 24.1 36.1
92 17.5 14.5 21.7

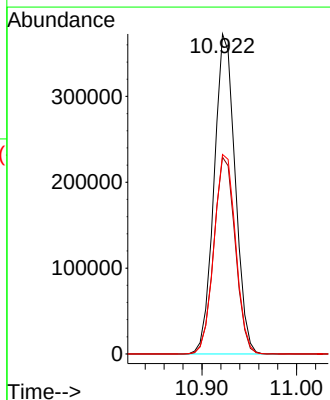
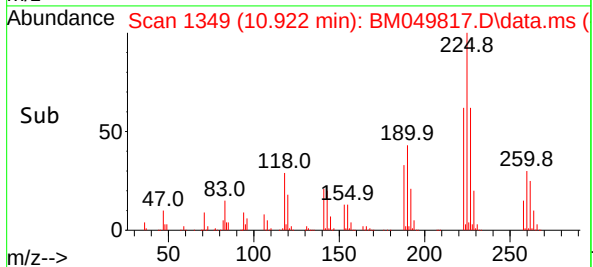
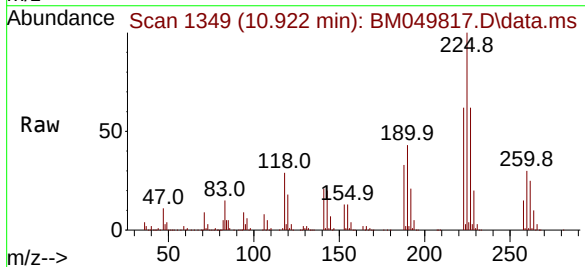
Manual Integrations
APPROVED

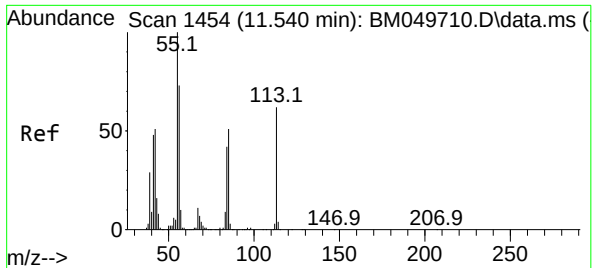
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#34
Hexachlorobutadiene
Concen: 35.986 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.024 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

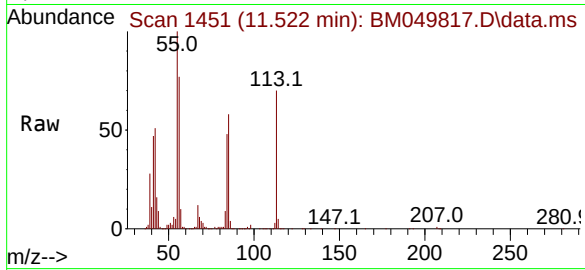
Tgt Ion:225 Resp: 575804
Ion Ratio Lower Upper
225 100
223 61.5 49.8 74.8
227 62.3 52.1 78.1





#35
Caprolactam
Concen: 42.373 ng
RT: 11.522 min Scan# 1451
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

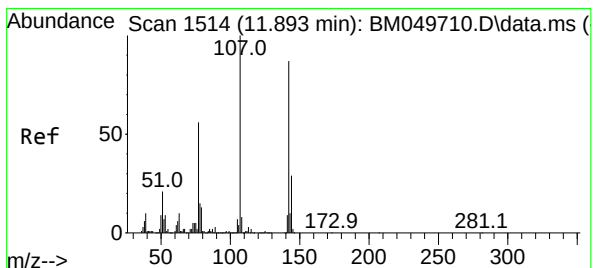
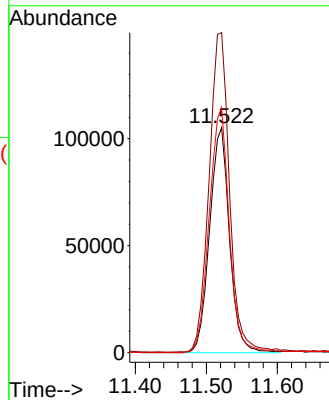
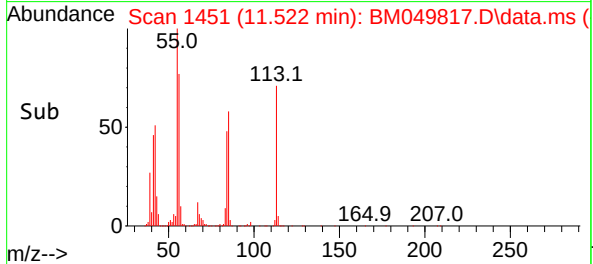
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



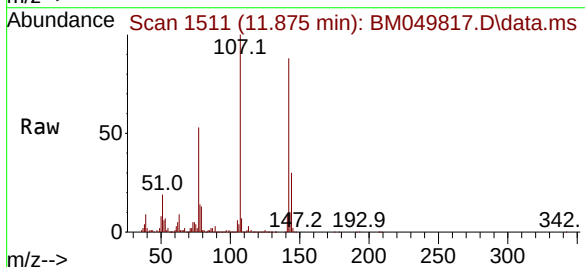
Tgt Ion:113 Resp: 203800
Ion Ratio Lower Upper
113 100
55 142.2 141.8 181.8
56 109.0 98.0 138.0

Manual Integrations
APPROVED

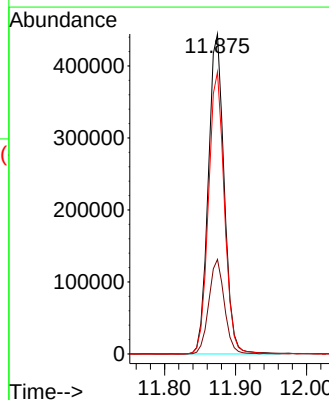
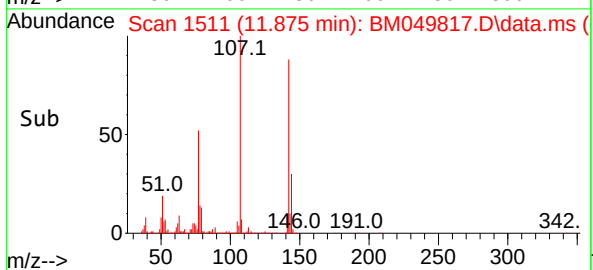
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

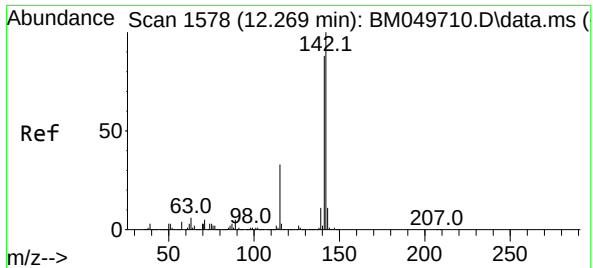


#36
4-Chloro-3-methylphenol
Concen: 38.976 ng
RT: 11.875 min Scan# 1511
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38



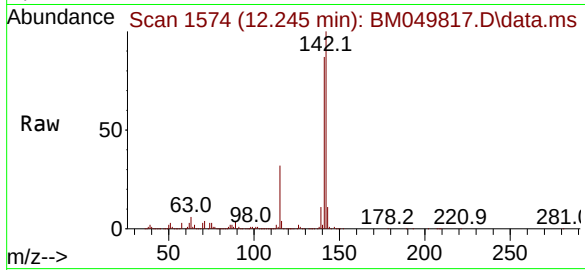
Tgt Ion:107 Resp: 692928
Ion Ratio Lower Upper
107 100
144 29.5 23.0 34.6
142 88.1 69.8 104.8





#37
2-Methylnaphthalene
Concen: 37.033 ng
RT: 12.245 min Scan# 1574
Delta R.T. -0.024 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

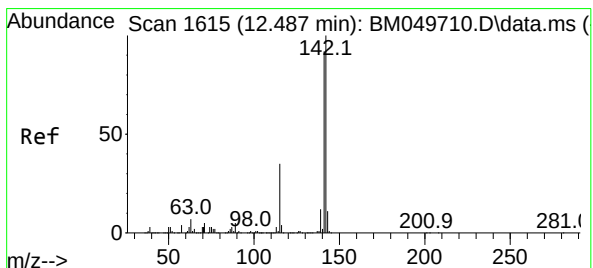
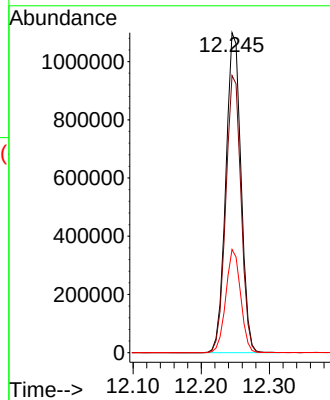
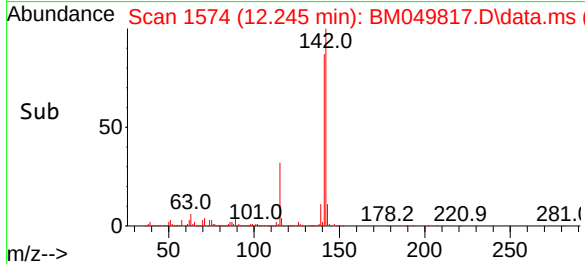
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 1701390
Ion Ratio Lower Upper
142 100
141 86.6 70.5 105.7
115 32.2 26.5 39.7

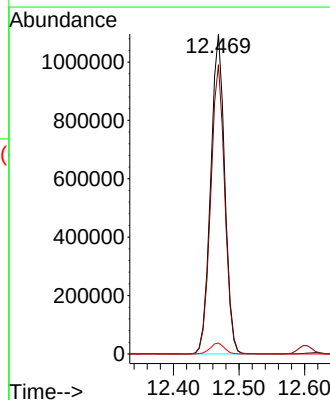
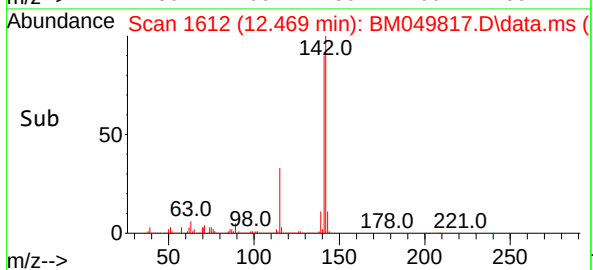
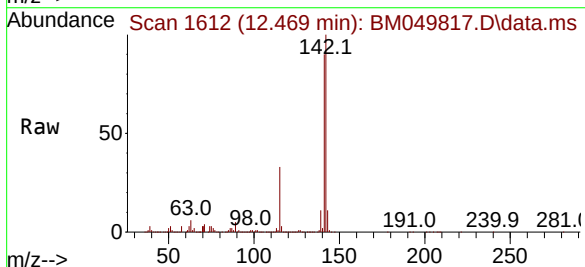
Manual Integrations
APPROVED

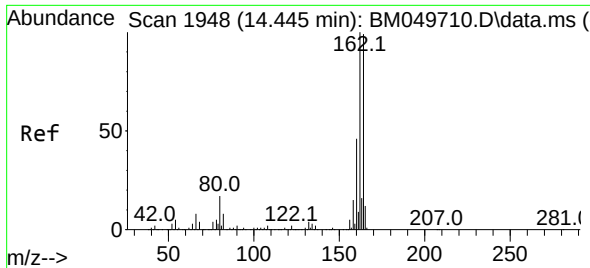
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#38
1-Methylnaphthalene
Concen: 36.830 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

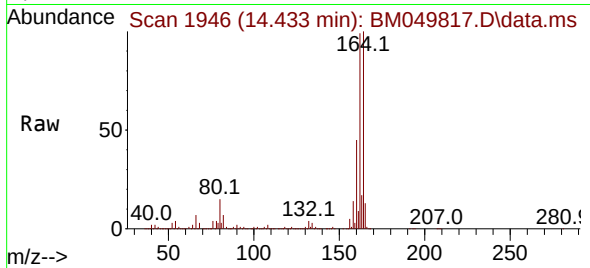
Tgt Ion:142 Resp: 1632543
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.2
116 3.4 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

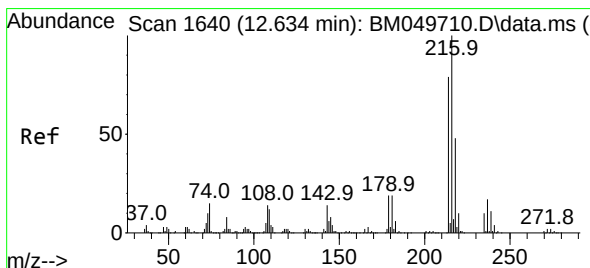
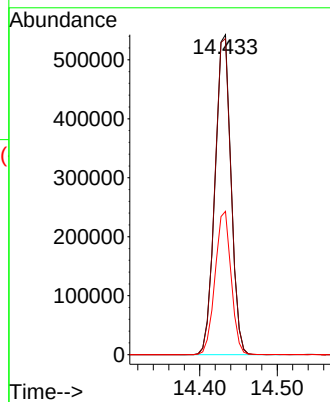
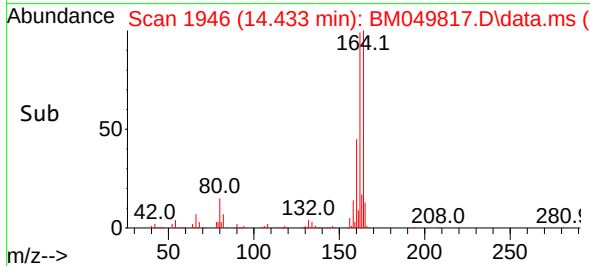
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:164 Resp: 777422
Ion Ratio Lower Upper
164 100
162 98.8 80.5 120.7
160 44.8 36.9 55.3

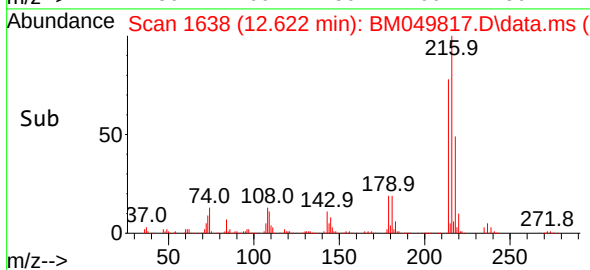
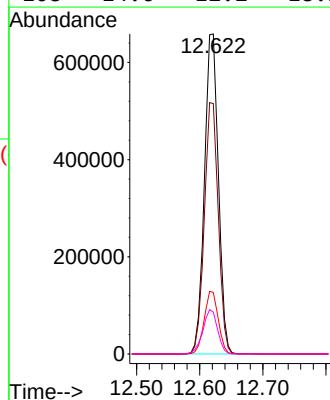
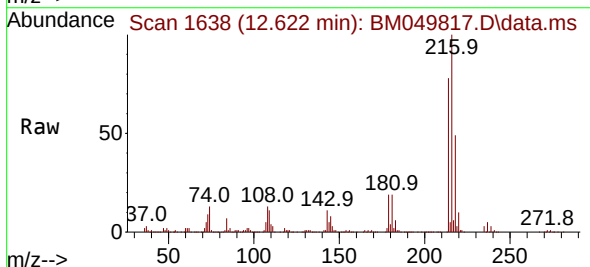
Manual Integrations
APPROVED

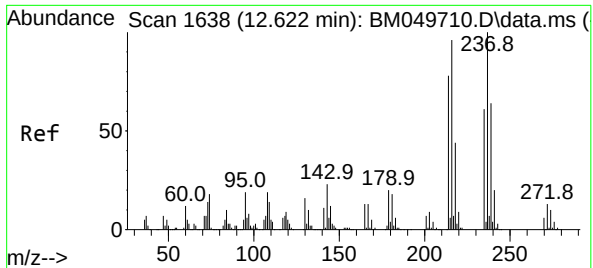
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.442 ng
RT: 12.622 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

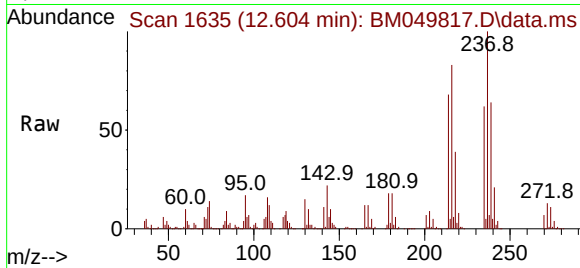
Tgt Ion:216 Resp: 1012102
Ion Ratio Lower Upper
216 100
214 78.6 63.5 95.3
179 19.7 15.7 23.5
108 14.6 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 36.556 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

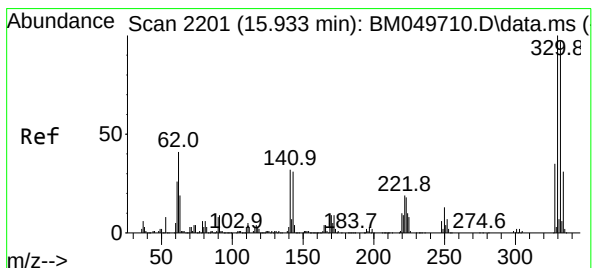
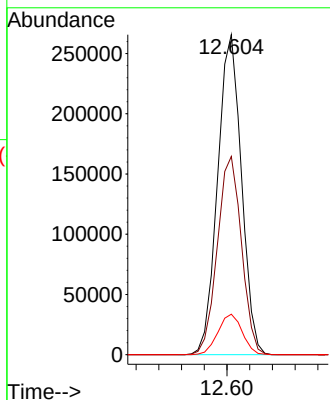
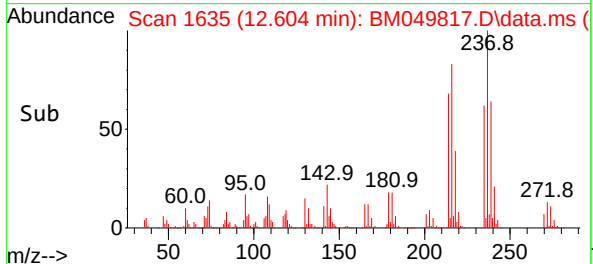
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 386730
Ion Ratio Lower Upper
237 100
235 62.0 41.1 81.1
272 12.6 0.0 32.5

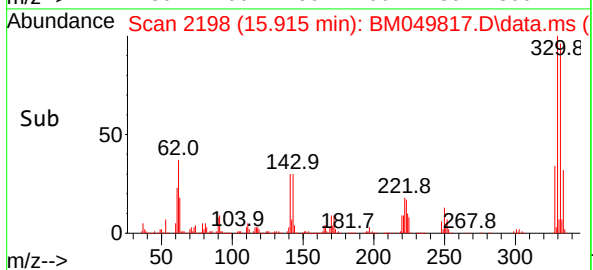
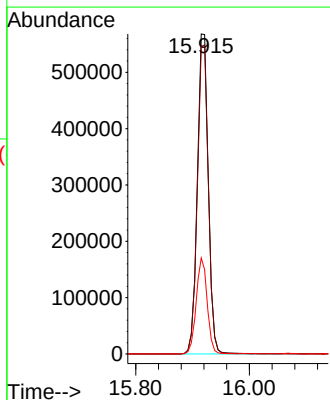
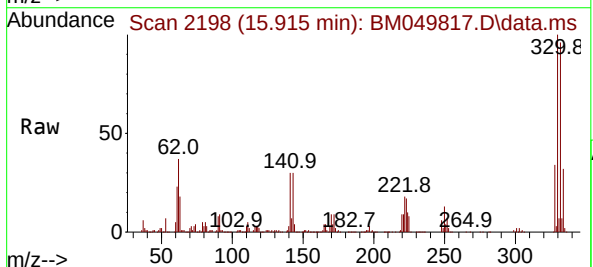
Manual Integrations
APPROVED

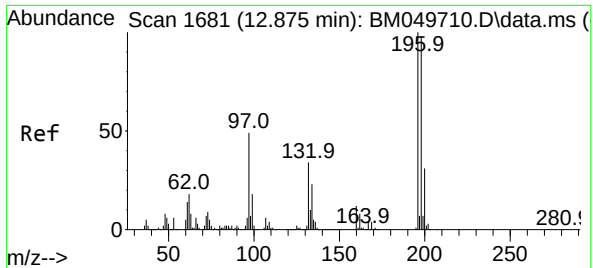
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#42
2,4,6-Tribromophenol
Concen: 84.496 ng
RT: 15.915 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

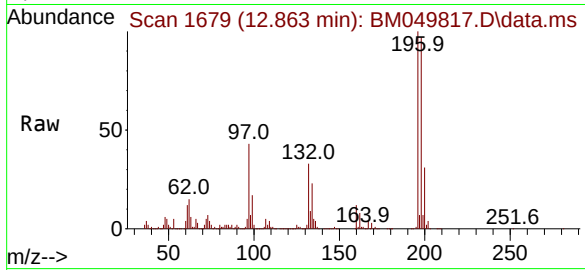
Tgt Ion: 330 Resp: 767049
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 30.0 27.8 41.6





#43
2,4,6-Trichlorophenol
Concen: 39.746 ng
RT: 12.863 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

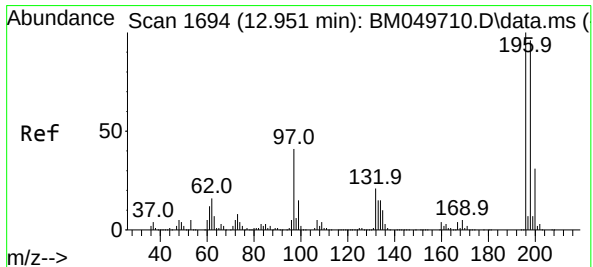
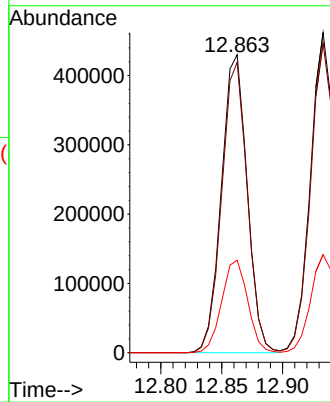
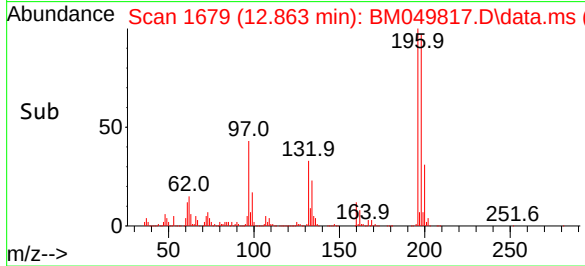
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



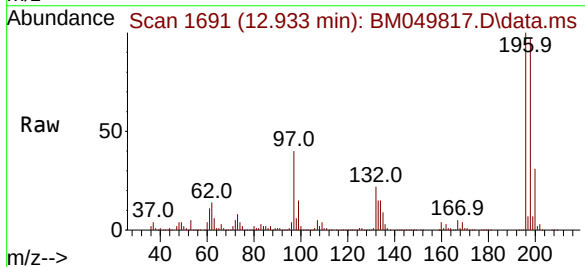
Tgt Ion:196 Resp: 63567
Ion Ratio Lower Upper
196 100
198 97.5 78.3 117.5
200 31.0 25.1 37.7

Manual Integrations
APPROVED

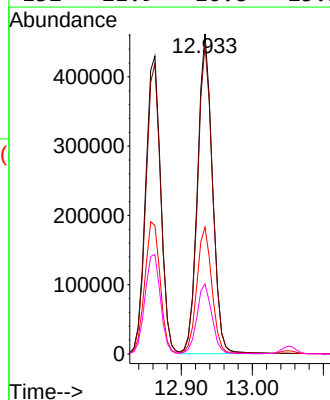
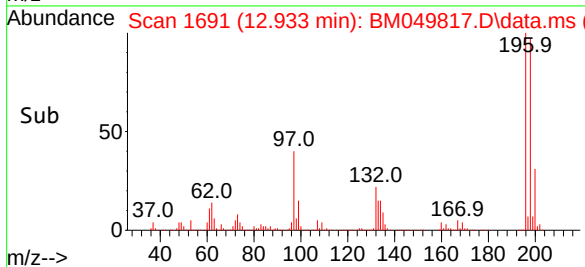
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

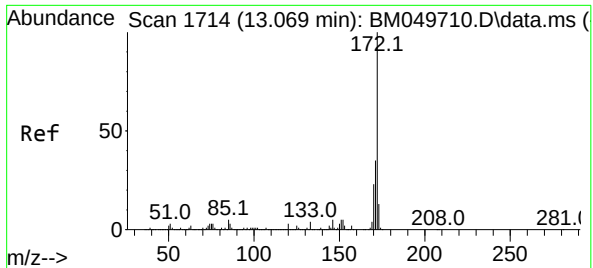


#44
2,4,5-Trichlorophenol
Concen: 38.693 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38



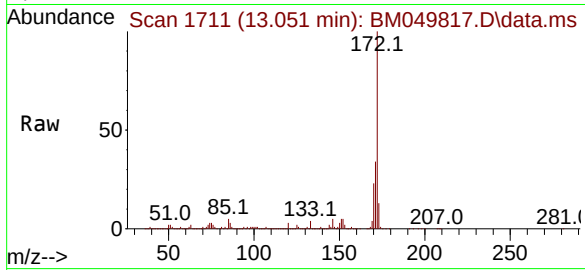
Tgt Ion:196 Resp: 675303
Ion Ratio Lower Upper
196 100
198 96.7 76.7 115.1
97 39.6 32.9 49.3
132 21.9 16.8 25.2





#45
2-Fluorobiphenyl
Concen: 71.023 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

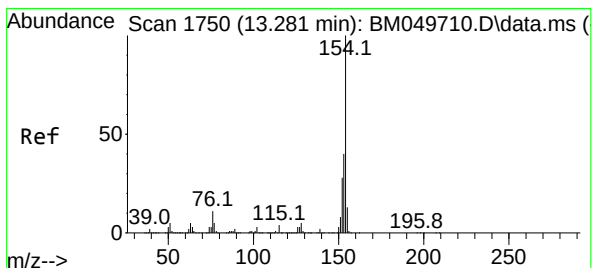
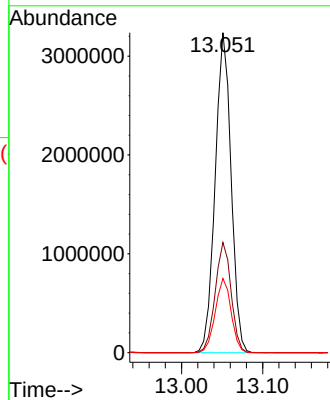
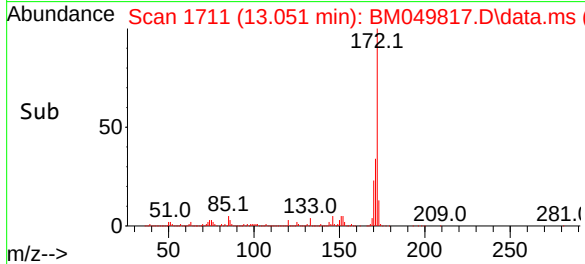
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



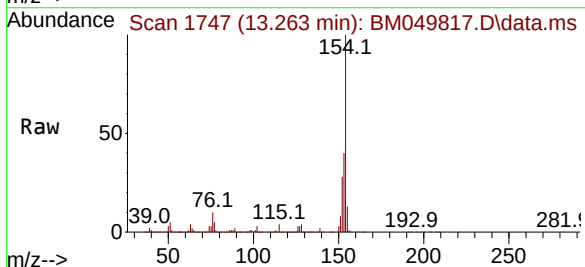
Tgt Ion:172 Resp: 4408811
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.2 18.6 28.0

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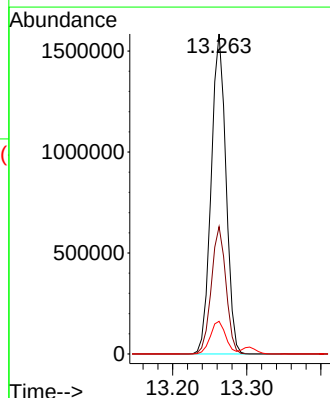
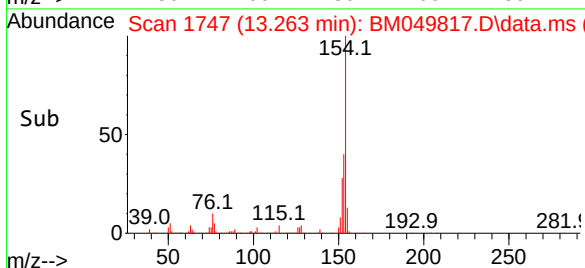
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

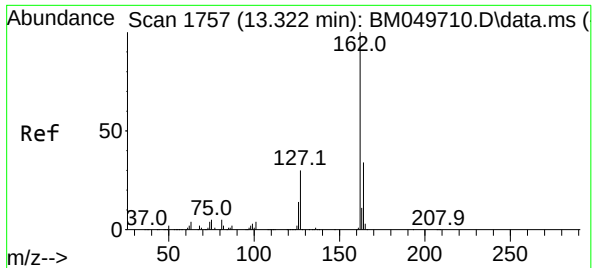


#46
1,1'-Biphenyl
Concen: 36.551 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38



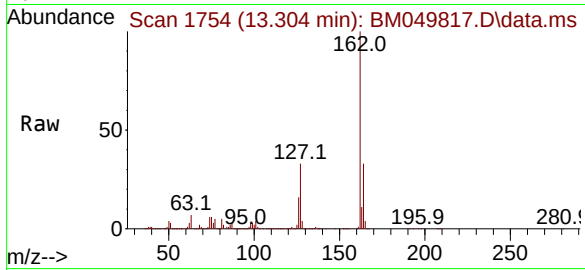
Tgt Ion:154 Resp: 2190011
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 10.2 0.0 31.2





#47
2-Chloronaphthalene
Concen: 36.206 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

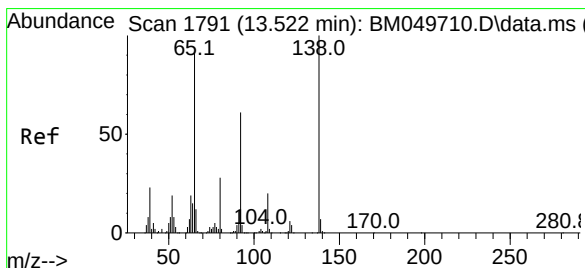
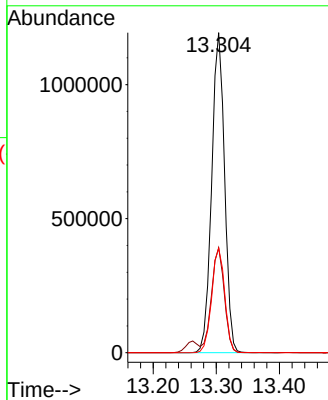
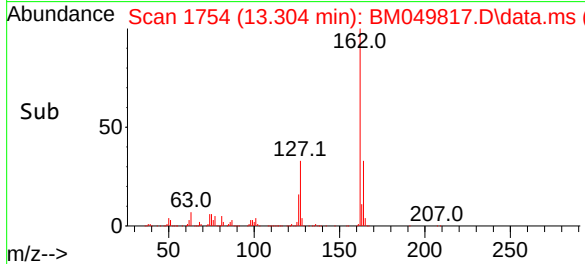
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 168856
Ion Ratio Lower Upper
162 100
127 32.8 25.8 38.6
164 32.7 27.1 40.7

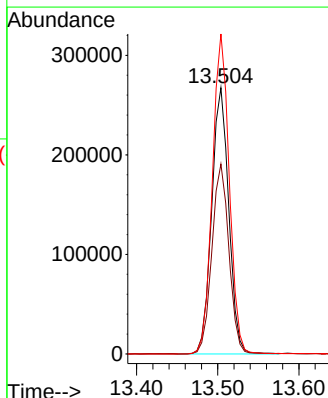
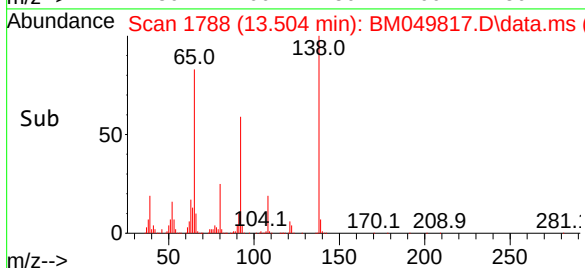
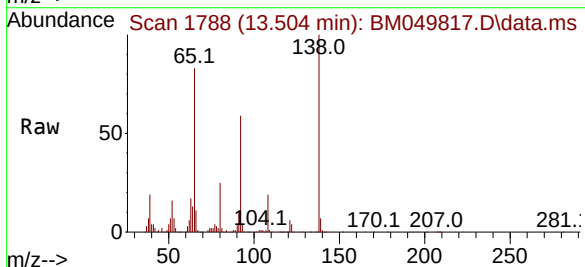
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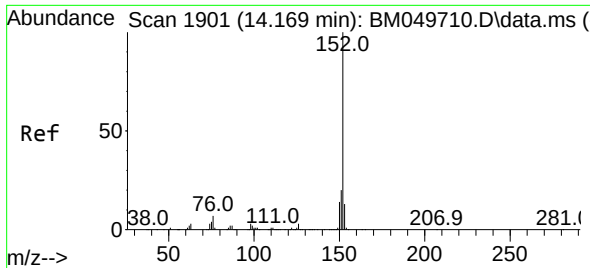
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#48
2-Nitroaniline
Concen: 37.356 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

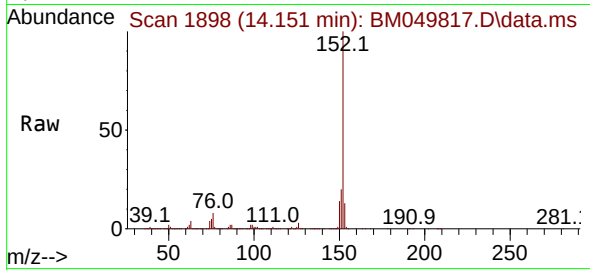
Tgt Ion: 65 Resp: 391096
Ion Ratio Lower Upper
65 100
92 71.4 53.4 80.2
138 120.2 87.6 131.4





#49
Acenaphthylene
Concen: 37.446 ng
RT: 14.151 min Scan# 1898
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

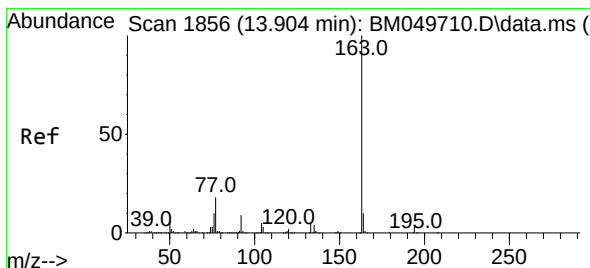
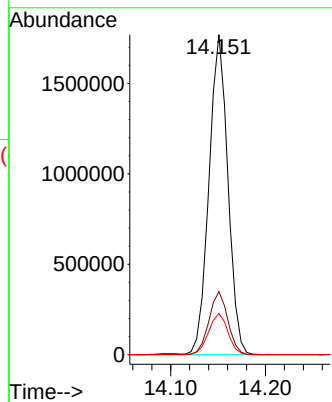
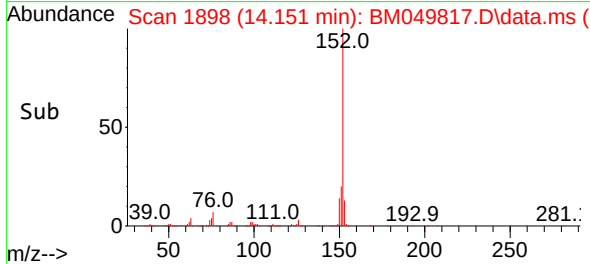
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 244108
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.9 10.2 15.4

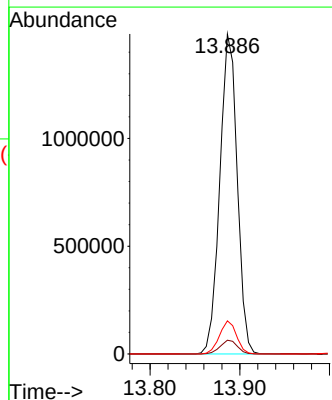
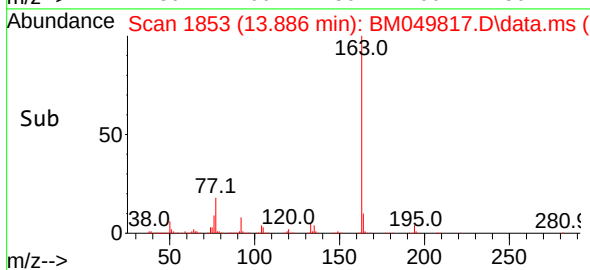
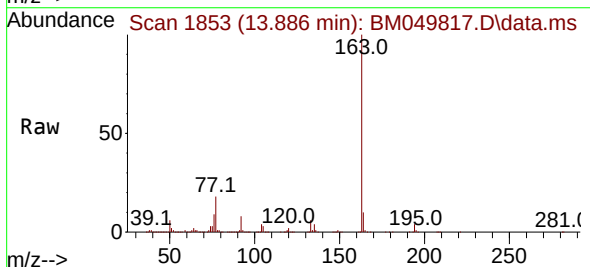
Manual Integrations
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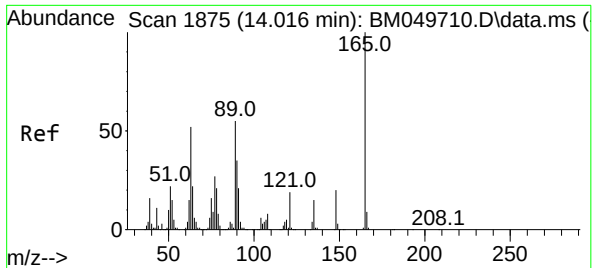
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#50
Dimethylphthalate
Concen: 37.319 ng
RT: 13.886 min Scan# 1853
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

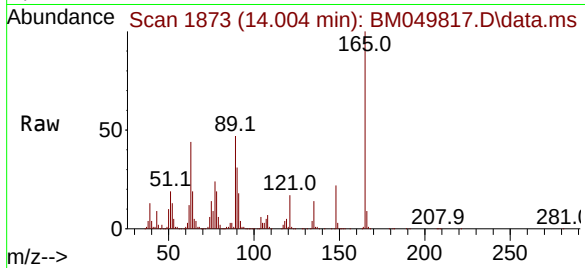
Tgt Ion:163 Resp: 1997501
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 39.110 ng
RT: 14.004 min Scan# 1875
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

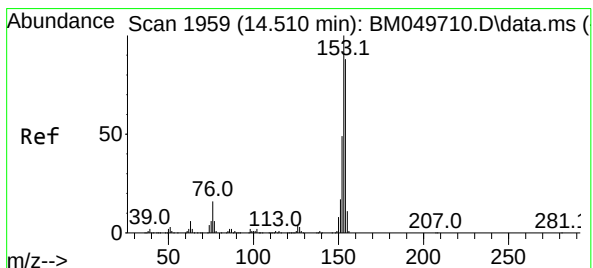
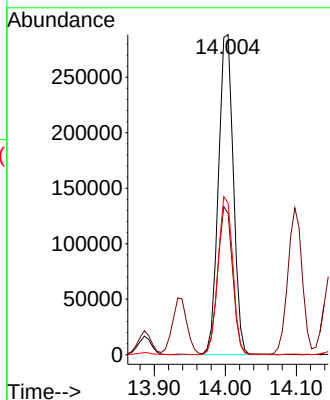
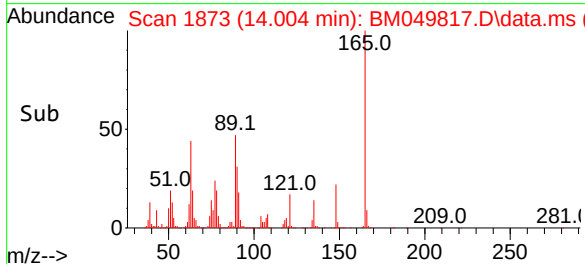
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 41944
Ion Ratio Lower Upper
165 100
63 44.1 42.3 63.5
89 47.4 43.9 65.9

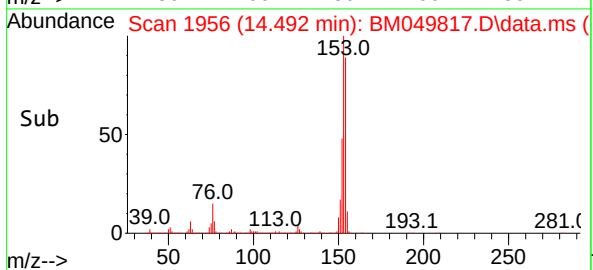
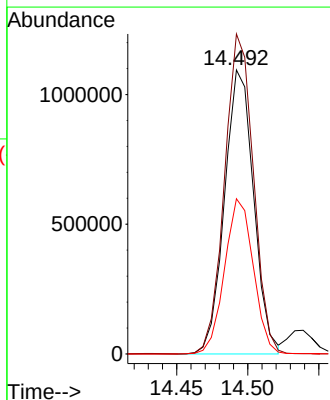
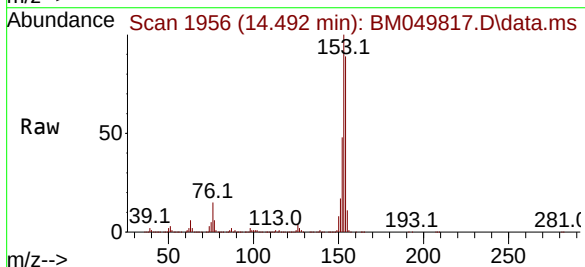
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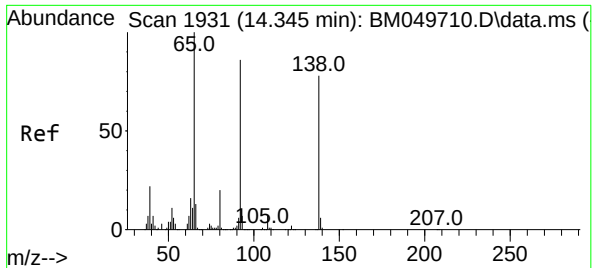
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#52
Acenaphthene
Concen: 36.463 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

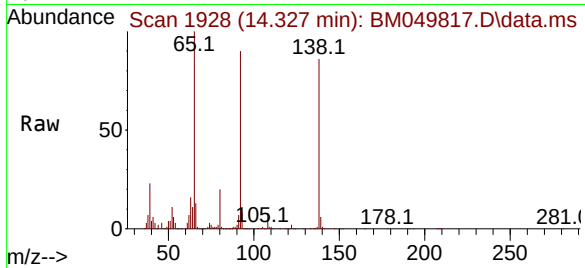
Tgt Ion:154 Resp: 1559131
Ion Ratio Lower Upper
154 100
153 112.7 90.4 135.6
152 54.6 44.2 66.2





#53
3-Nitroaniline
Concen: 39.653 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

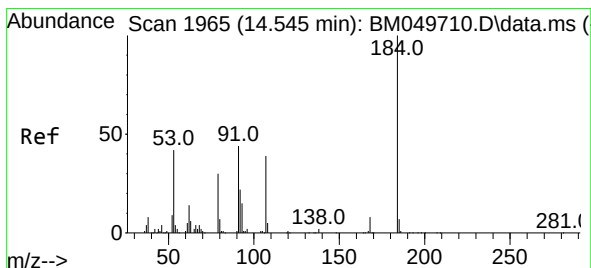
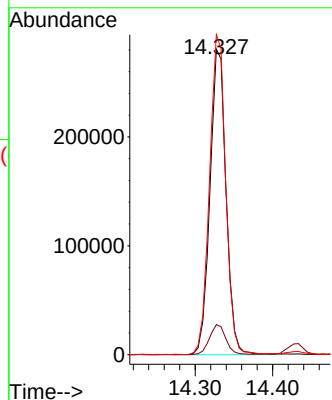
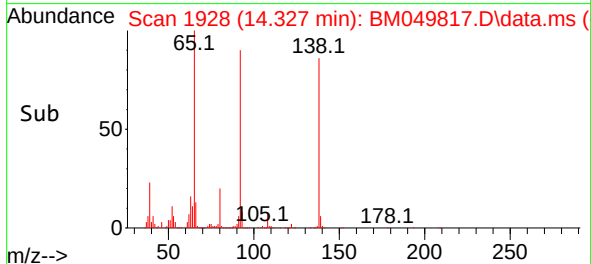
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 404680
Ion Ratio Lower Upper
138 100
108 9.8 7.5 11.3
92 104.7 88.0 132.0

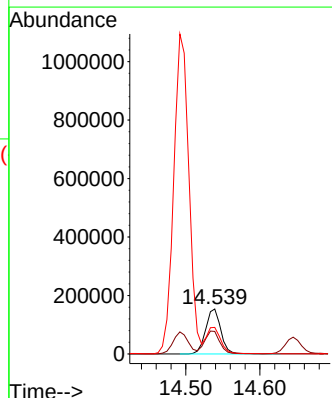
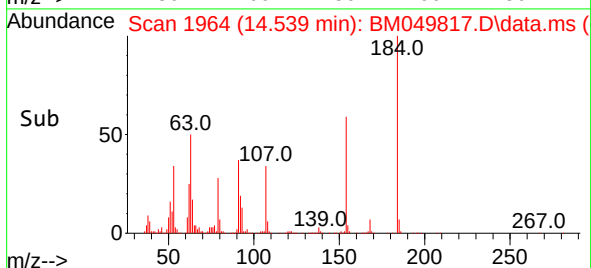
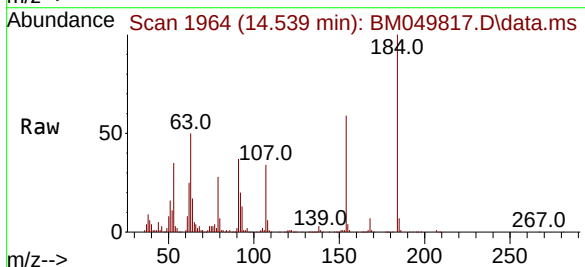
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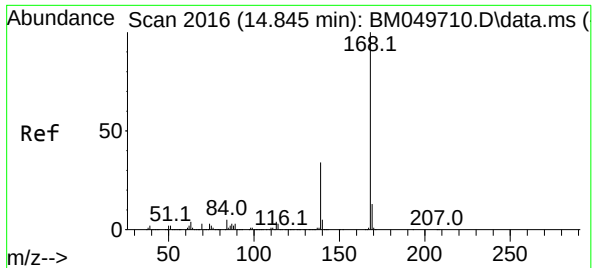
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#54
2,4-Dinitrophenol
Concen: 41.202 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

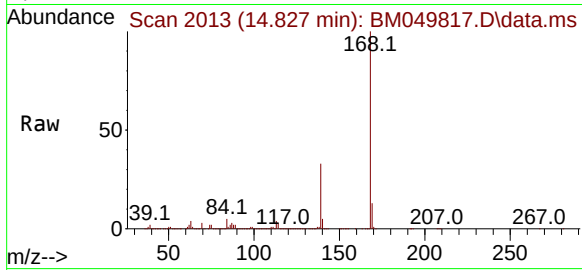
Tgt Ion:184 Resp: 219111
Ion Ratio Lower Upper
184 100
63 50.1 47.2 70.8
154 59.3 49.9 74.9





#55
Dibenzenofuran
Concen: 36.111 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

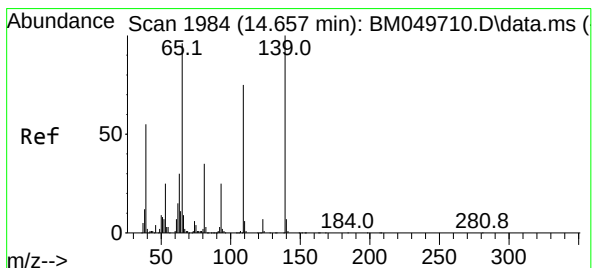
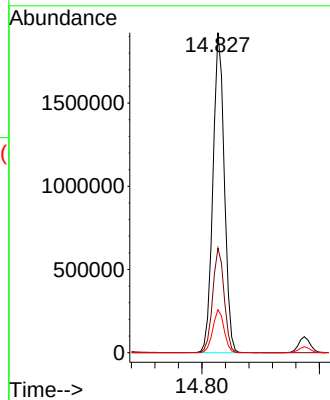
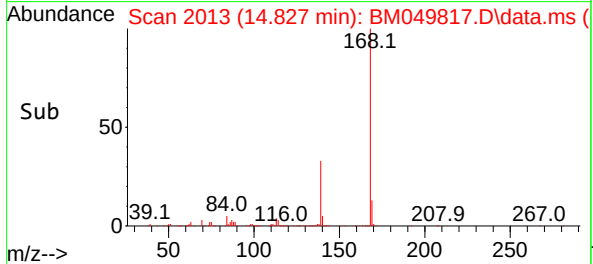
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 2572979
Ion Ratio Lower Upper
168 100
139 32.7 27.4 41.0
169 13.5 10.7 16.1

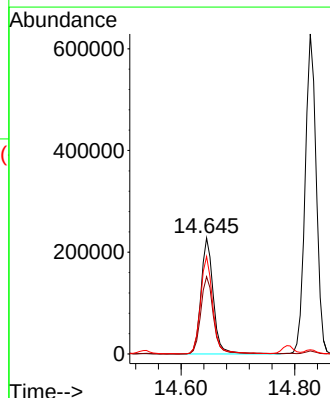
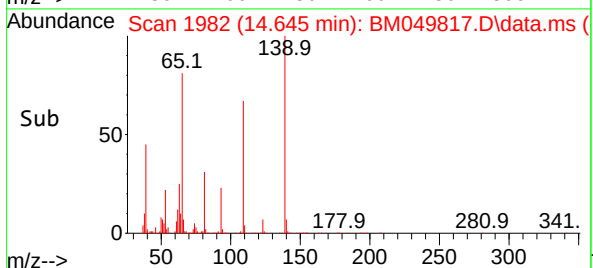
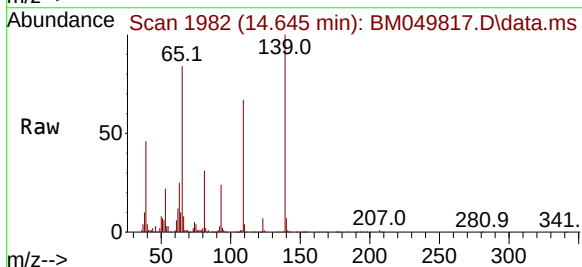
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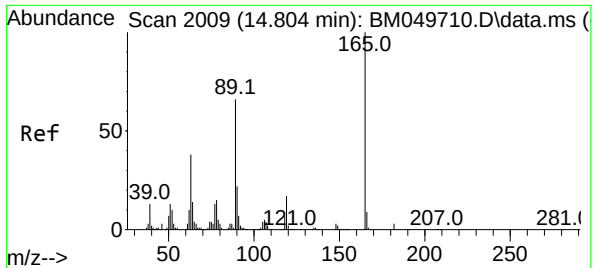
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#56
4-Nitrophenol
Concen: 38.623 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

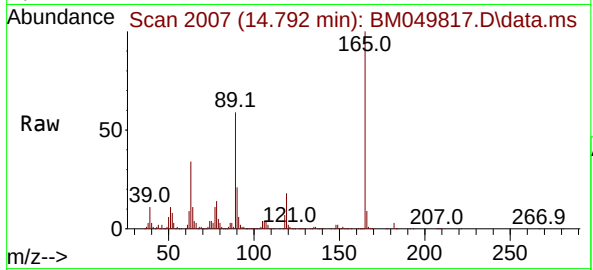
Tgt Ion:139 Resp: 343111
Ion Ratio Lower Upper
139 100
109 66.6 54.7 94.7
65 84.0 76.2 116.2





#57
2,4-Dinitrotoluene
Concen: 39.810 ng
RT: 14.792 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

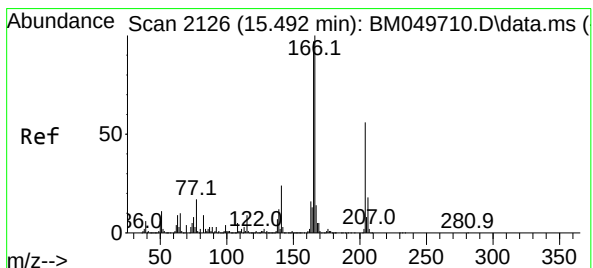
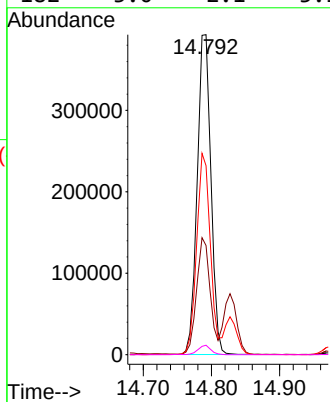
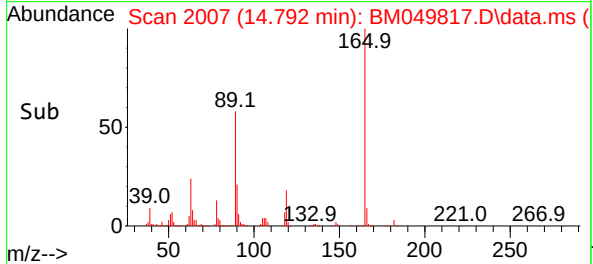
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 549400
Ion Ratio Lower Upper
165 100
63 34.1 30.8 46.2
89 59.0 53.1 79.7
182 3.0 2.1 3.1

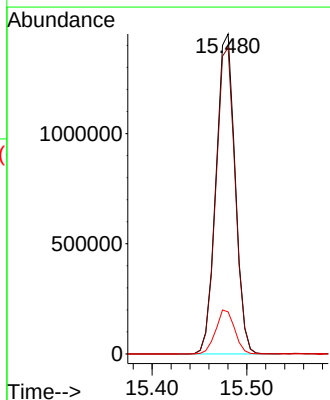
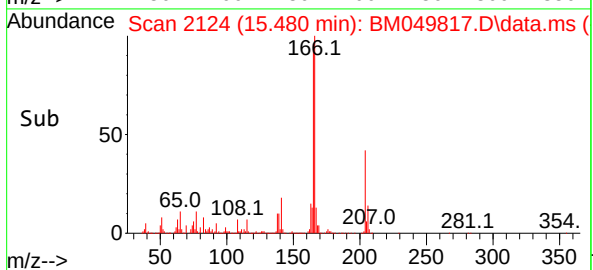
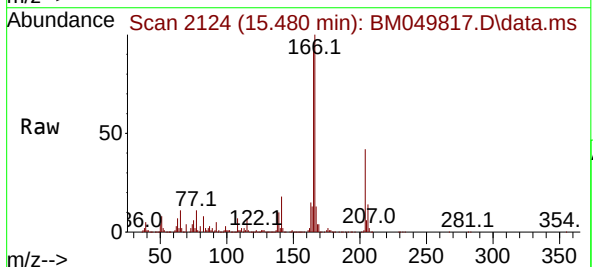
Manual Integrations
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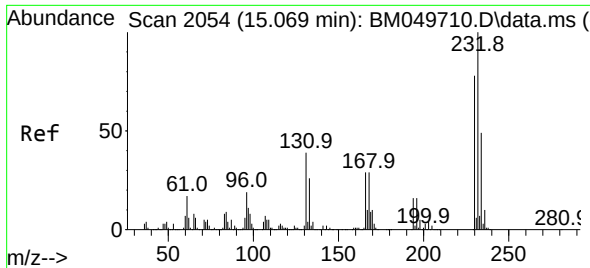
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#58
Fluorene
Concen: 35.129 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

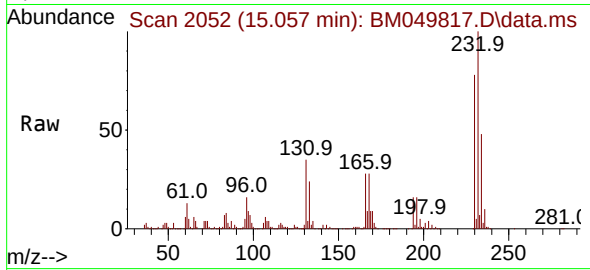
Tgt Ion:166 Resp: 2037851
Ion Ratio Lower Upper
166 100
165 95.8 77.5 116.3
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.201 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

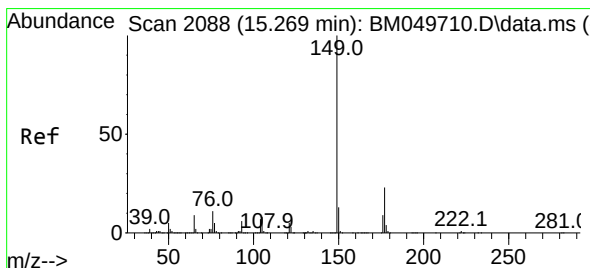
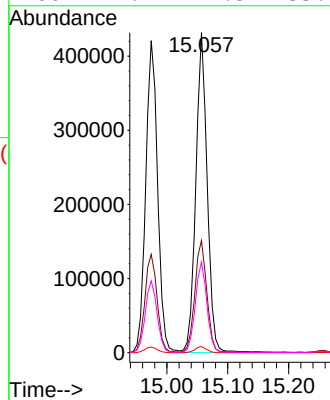
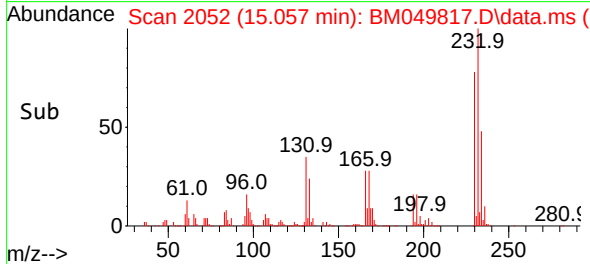
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



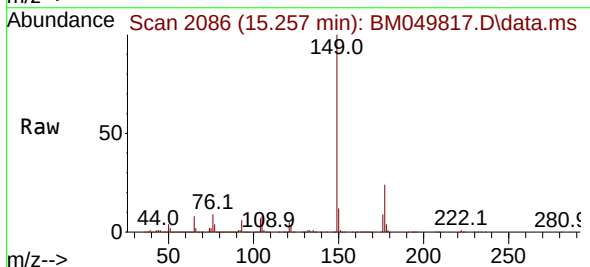
Tgt Ion:232 Resp: 558091
Ion Ratio Lower Upper
232 100
131 36.5 30.0 45.0
130 1.9 1.6 2.4
166 29.1 22.5 33.7

Manual Integrations
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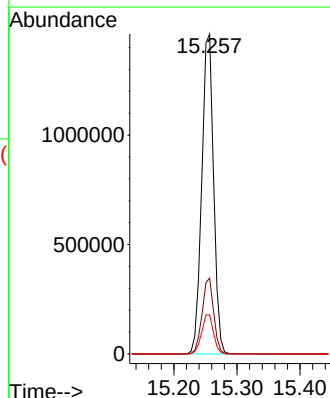
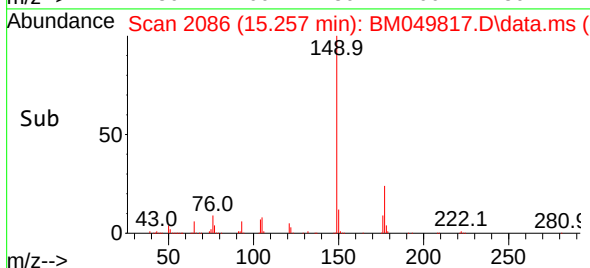
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

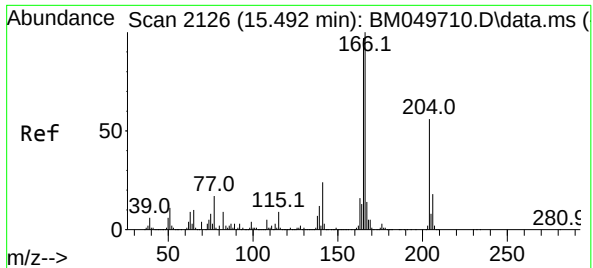


#60
Diethylphthalate
Concen: 37.825 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38



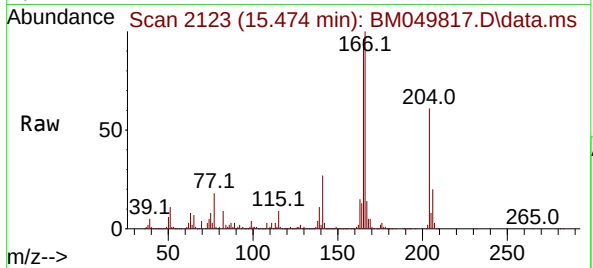
Tgt Ion:149 Resp: 1906819
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.2
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 35.029 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

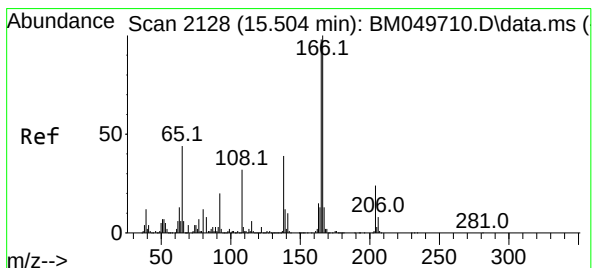
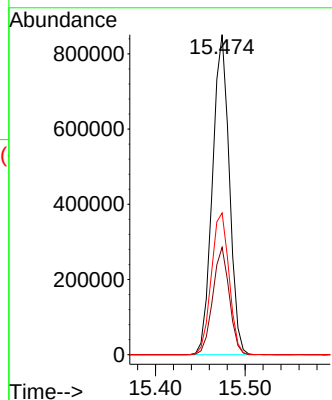
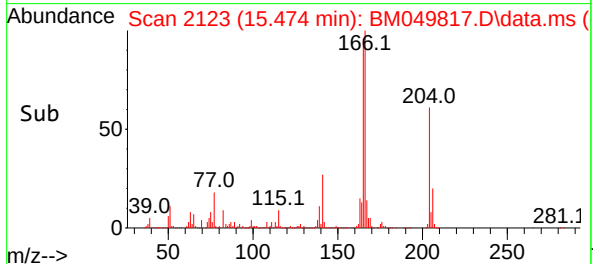
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



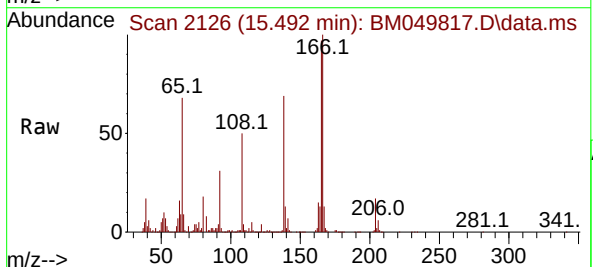
Tgt Ion:204 Resp: 110963
Ion Ratio Lower Upper
204 100
206 33.6 25.2 37.8
141 44.3 34.5 51.7

Manual Integrations
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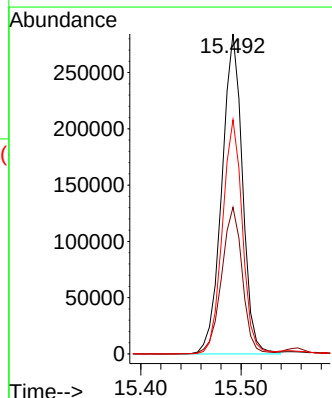
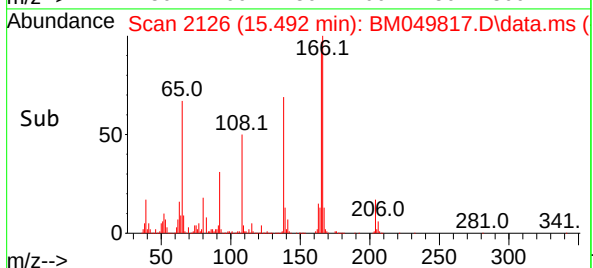
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

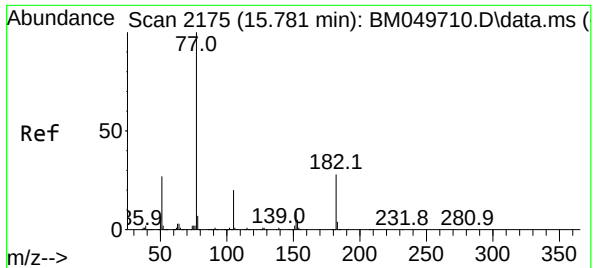


#62
4-Nitroaniline
Concen: 34.599 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38



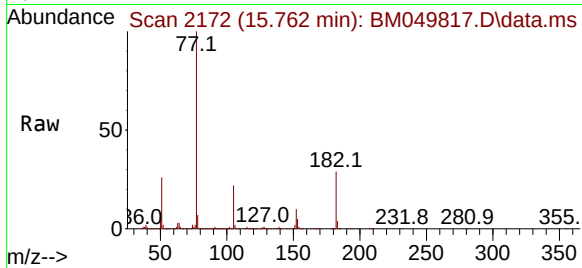
Tgt Ion:138 Resp: 406306
Ion Ratio Lower Upper
138 100
92 45.9 29.8 69.8
108 73.2 61.3 101.3





#63
Azobenzene
Concen: 34.861 ng
RT: 15.762 min Scan# 2175
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

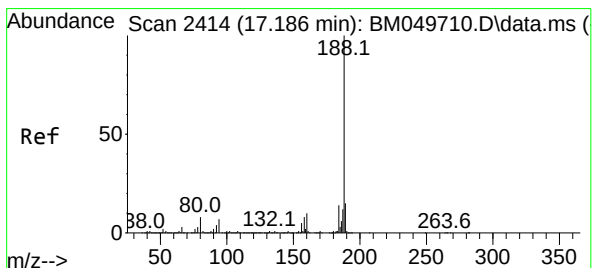
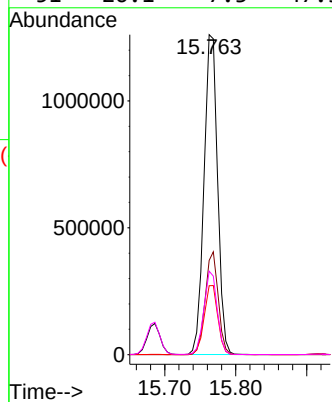
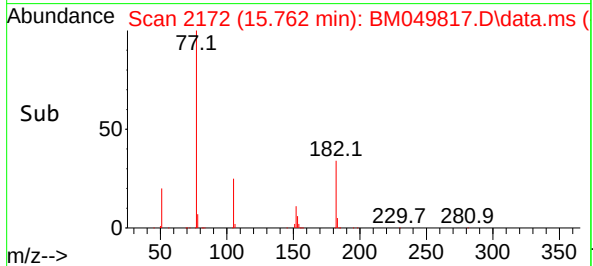
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 167860
Ion Ratio Lower Upper
77 100
182 29.5 8.0 48.0
105 21.5 0.0 40.0
51 26.1 7.3 47.3

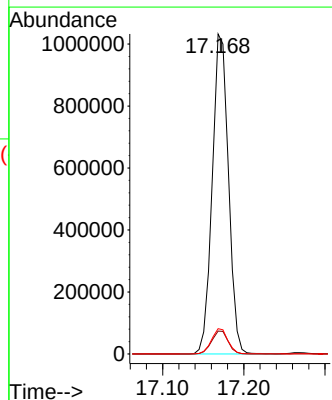
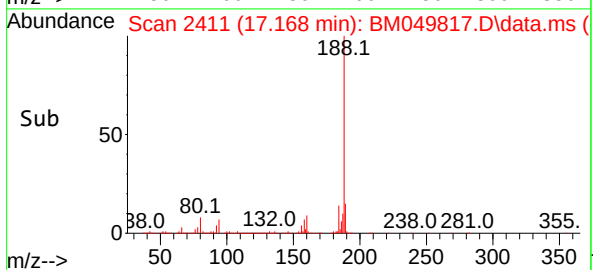
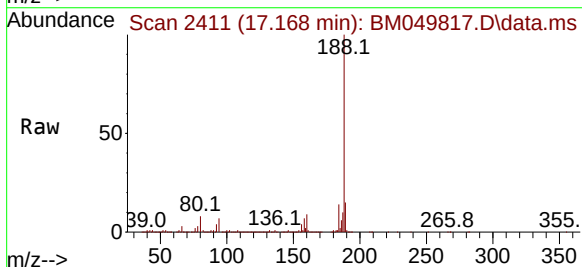
Manual Integrations
APPROVED

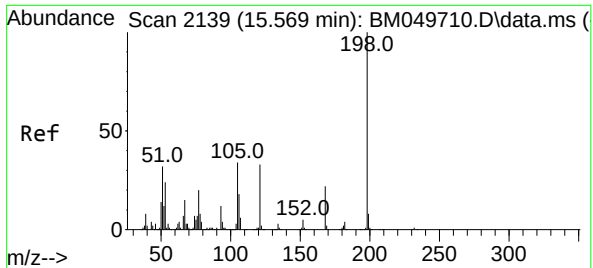
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

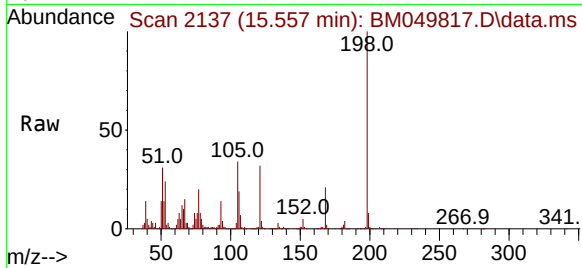
Tgt Ion:188 Resp: 1430090
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 7.9 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 40.397 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

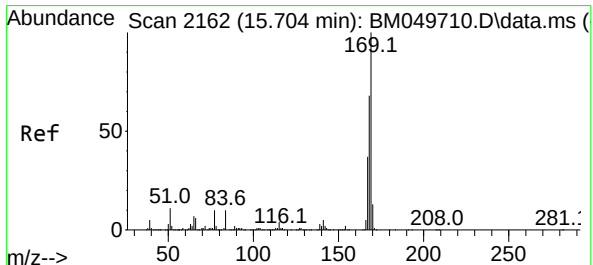
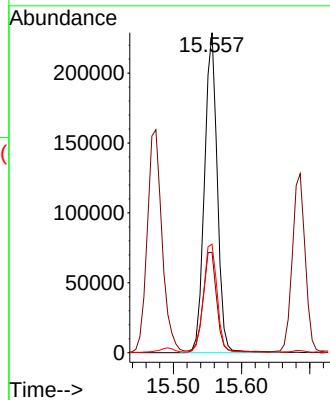
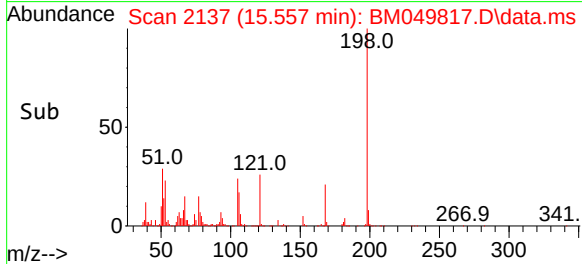
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 298459
Ion Ratio Lower Upper
198 100
51 31.4 13.8 53.8
105 33.9 14.0 54.0

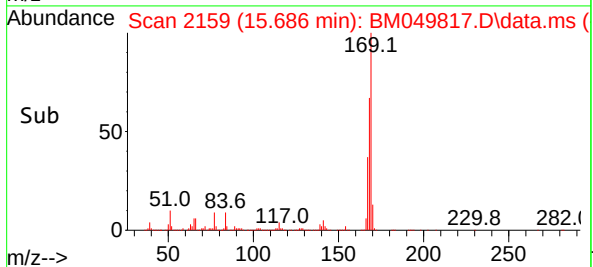
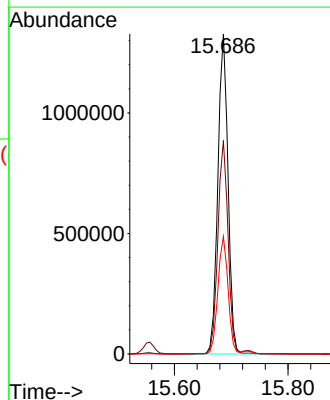
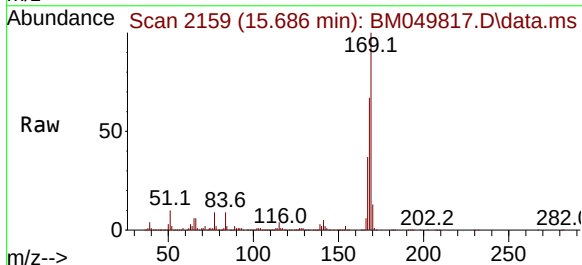
Manual Integrations
APPROVED

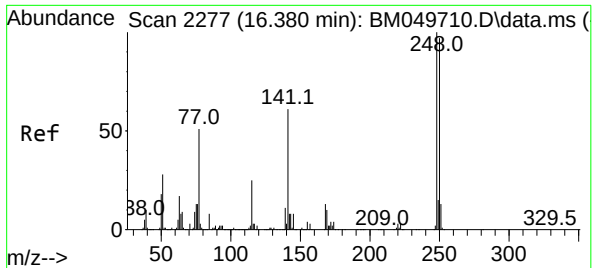
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#66
n-Nitrosodiphenylamine
Concen: 37.883 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

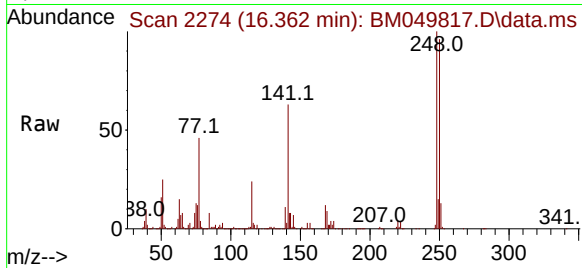
Tgt Ion:169 Resp: 1641434
Ion Ratio Lower Upper
169 100
168 66.7 54.8 82.2
167 36.7 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 37.895 ng
RT: 16.362 min Scan# 211
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

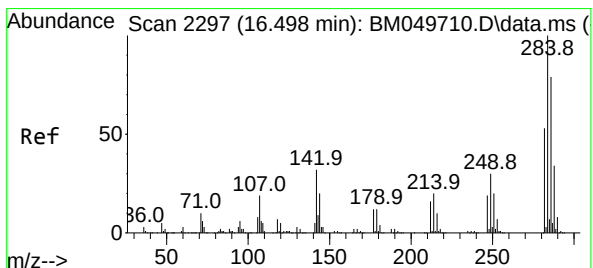
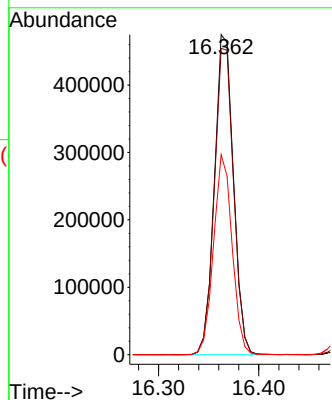
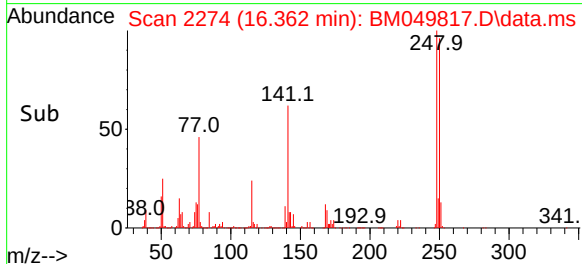
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 625690
Ion Ratio Lower Upper
248 100
250 95.7 77.9 116.9
141 62.5 48.6 73.0

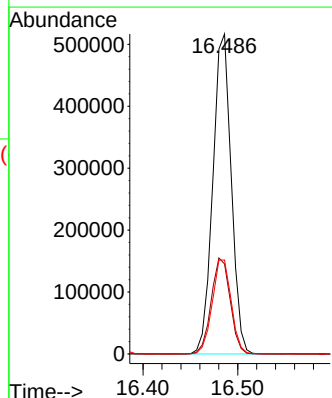
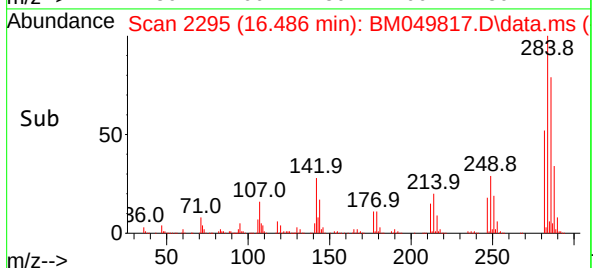
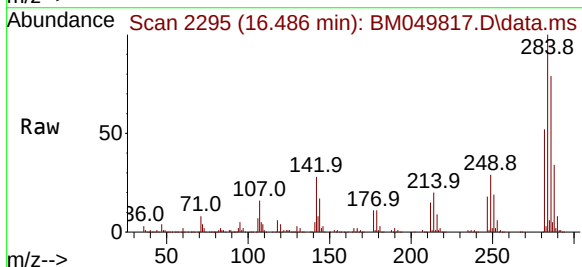
Manual Integrations
APPROVED

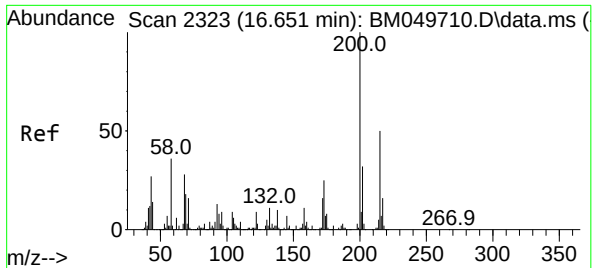
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#68
Hexachlorobenzene
Concen: 37.519 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

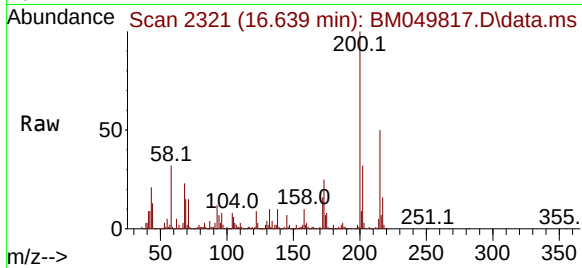
Tgt Ion:284 Resp: 696630
Ion Ratio Lower Upper
284 100
142 28.1 25.5 38.3
249 29.4 24.2 36.2





#69
Atrazine
Concen: 42.406 ng
RT: 16.639 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

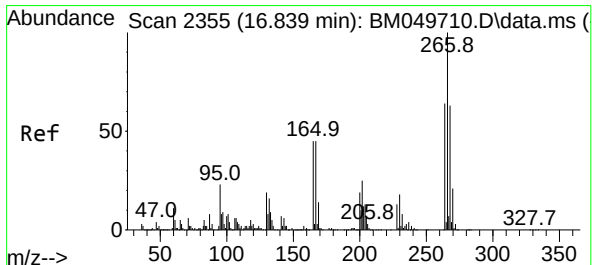
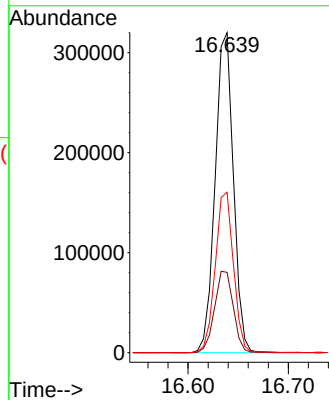
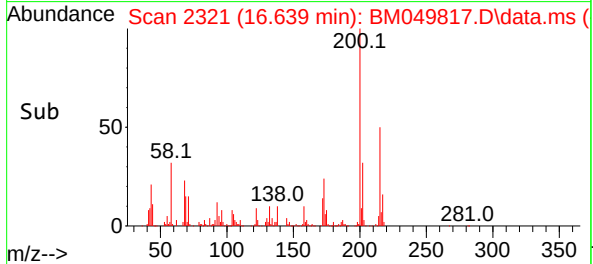
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:200 Resp: 404938
Ion Ratio Lower Upper
200 100
173 25.1 5.4 45.4
215 50.1 29.8 69.8

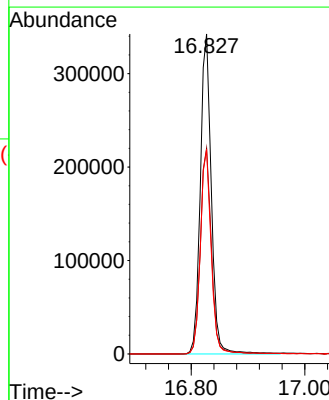
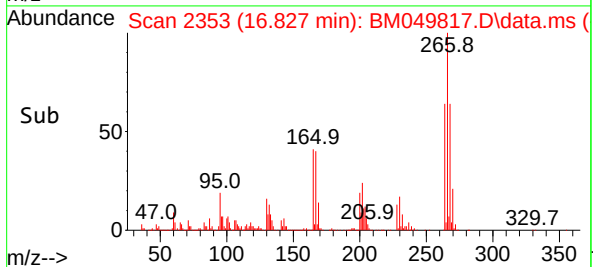
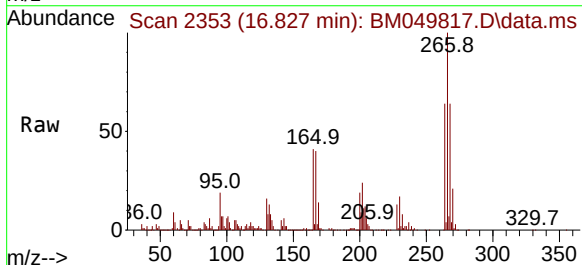
Manual Integrations
APPROVED

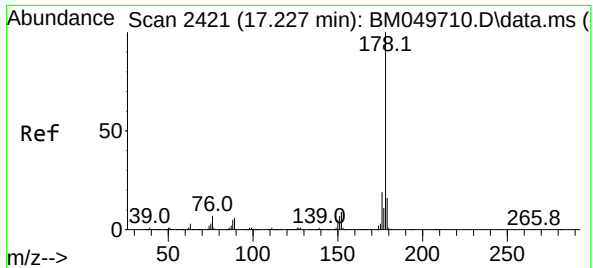
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#70
Pentachlorophenol
Concen: 39.522 ng
RT: 16.827 min Scan# 2353
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

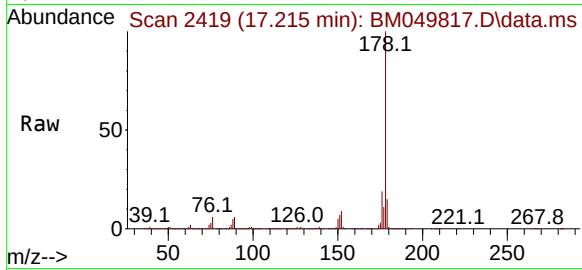
Tgt Ion:266 Resp: 461153
Ion Ratio Lower Upper
266 100
268 64.3 50.2 75.2
264 63.9 51.3 76.9





#71
Phenanthrene
Concen: 36.439 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

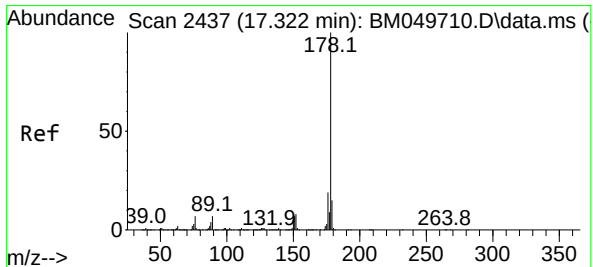
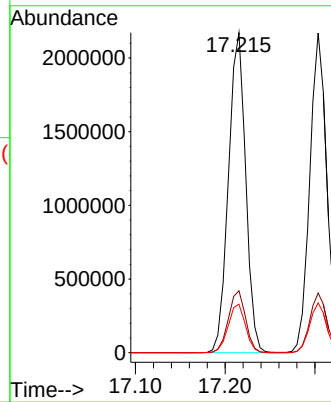
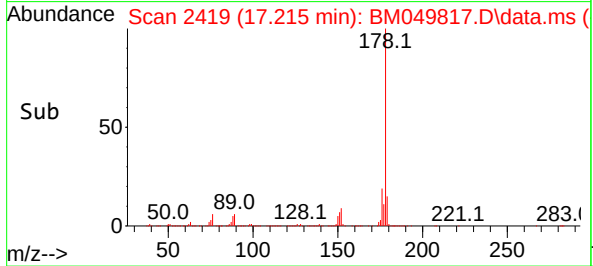
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 2893600
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.1 12.5 18.7

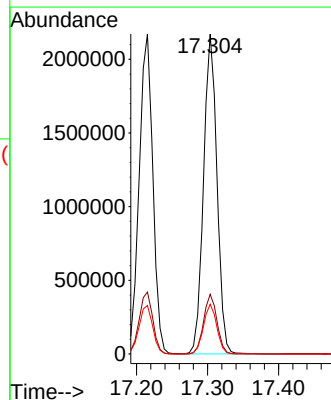
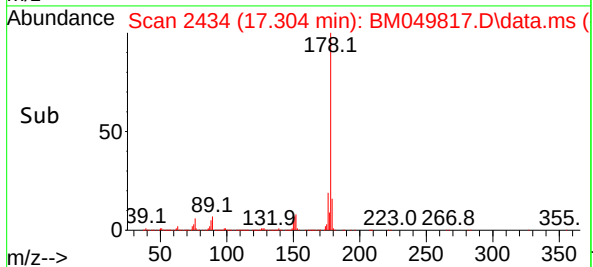
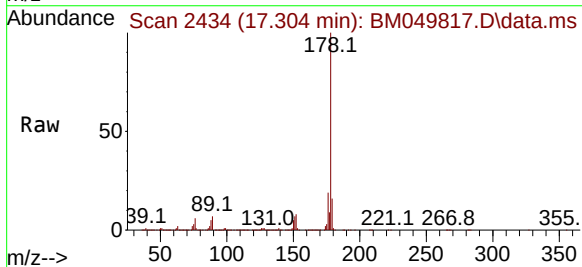
Manual Integrations
APPROVED

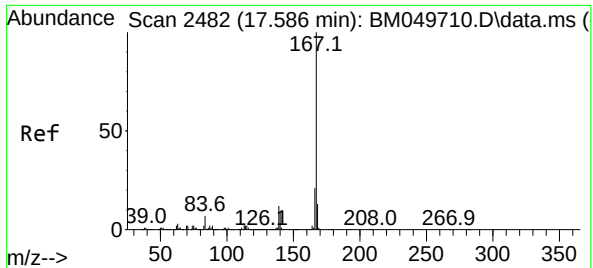
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#72
Anthracene
Concen: 37.151 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

Tgt Ion:178 Resp: 2857091
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 12.4 18.6





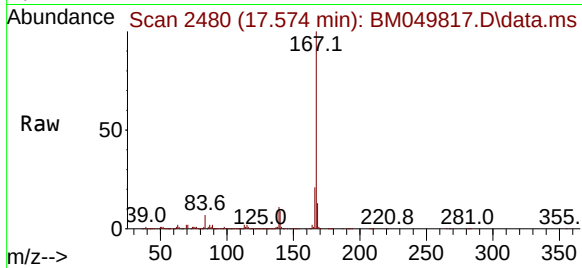
#73
Carbazole
Concen: 37.114 ng
RT: 17.574 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

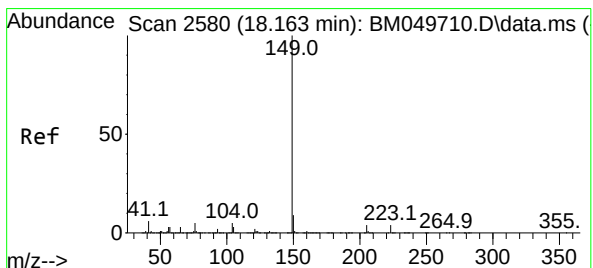
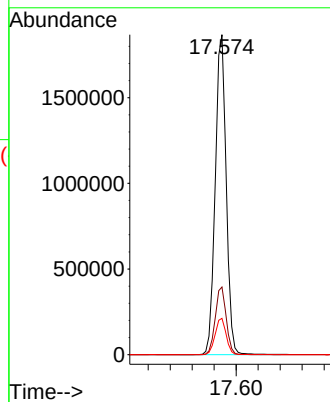
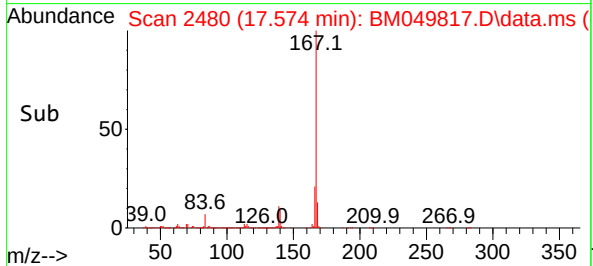


Tgt Ion:167 Resp: 2584889
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 11.3 9.4 14.2

Manual Integrations

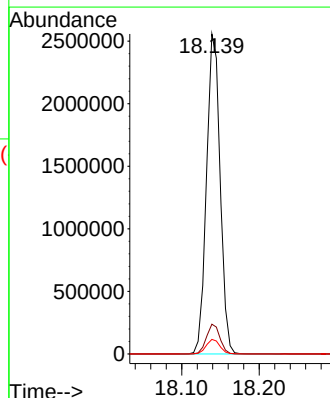
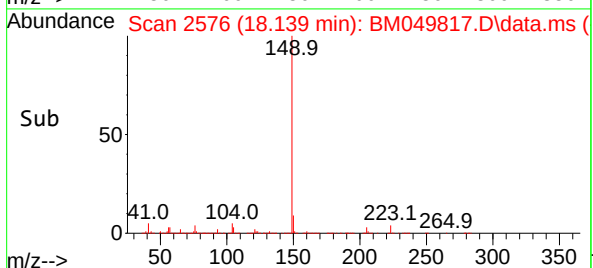
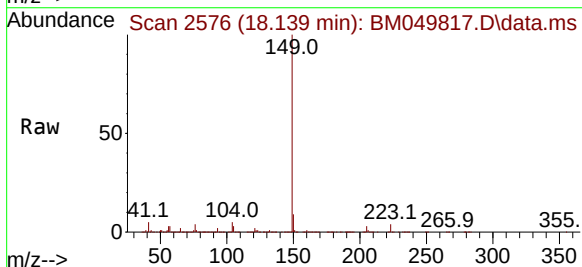
APPROVED

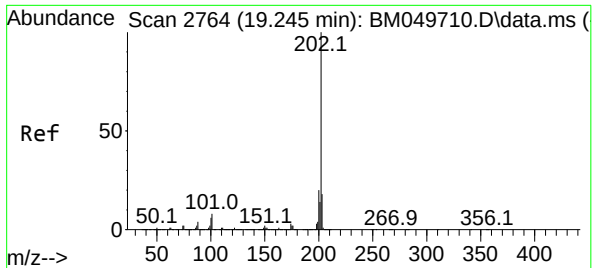
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#74
Di-n-butylphthalate
Concen: 40.822 ng
RT: 18.139 min Scan# 2576
Delta R.T. -0.024 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

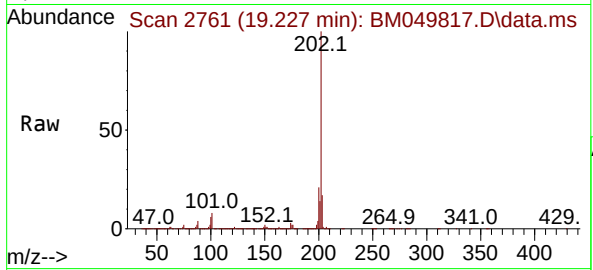
Tgt Ion:149 Resp: 3116213
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 4.6 3.9 5.9





#75
Fluoranthene
Concen: 36.271 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

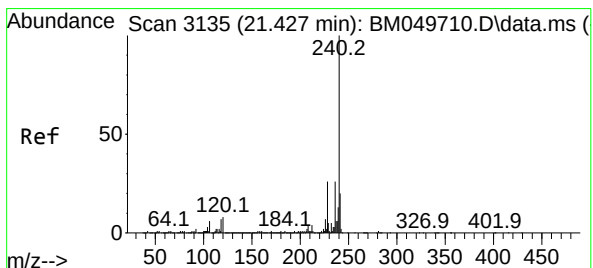
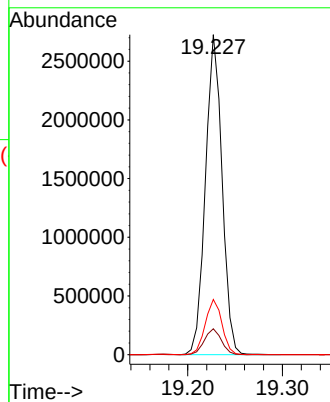
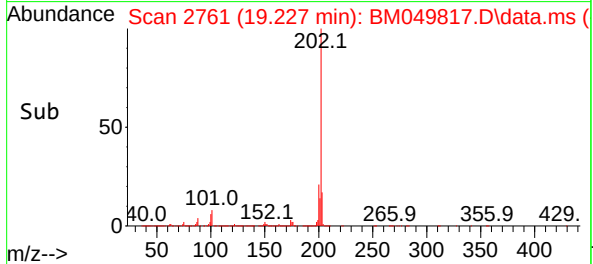
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 331602
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.8
203 17.3 0.0 37.6

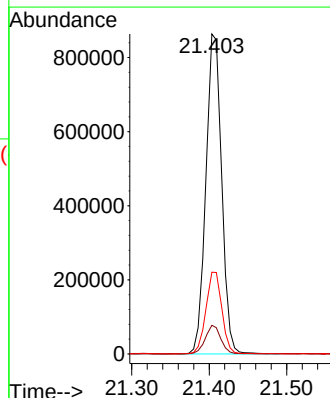
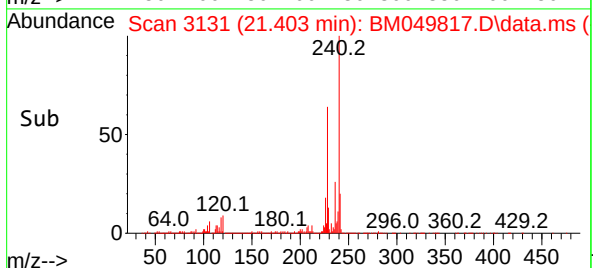
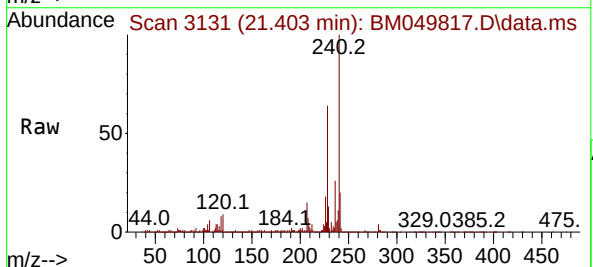
Manual Integrations
APPROVED

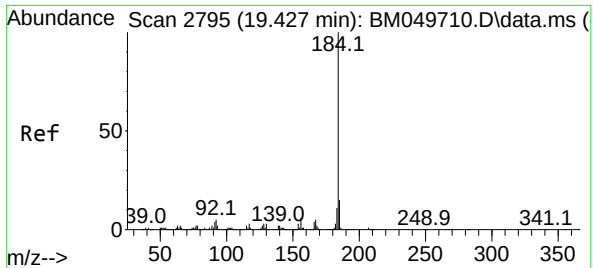
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

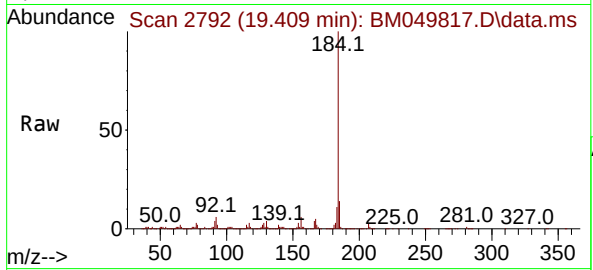
Tgt Ion:240 Resp: 1221496
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 25.6 20.7 31.1





#77
Benzidine
Concen: 70.500 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

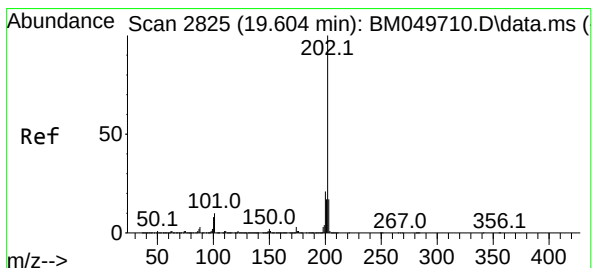
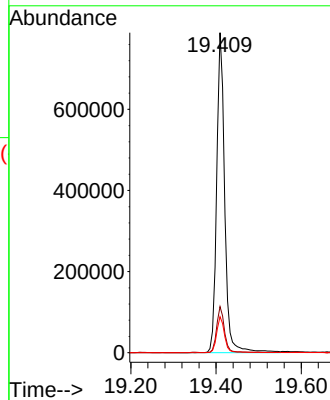
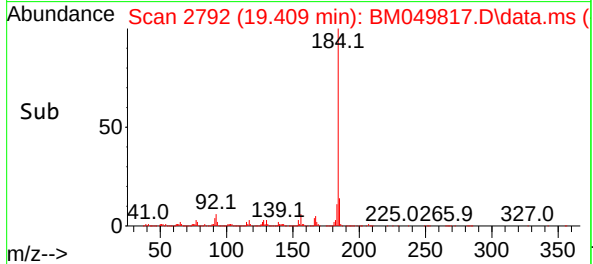
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 103459
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.3 8.8 13.2

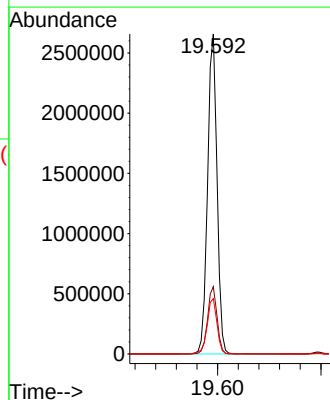
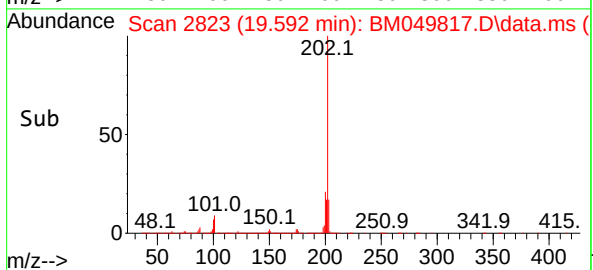
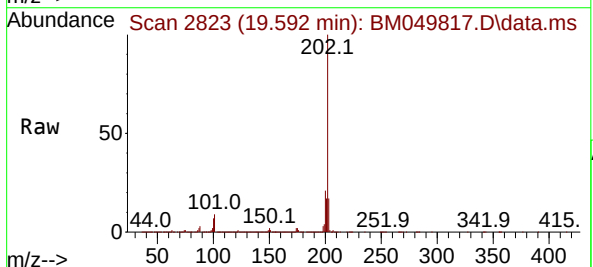
Manual Integrations
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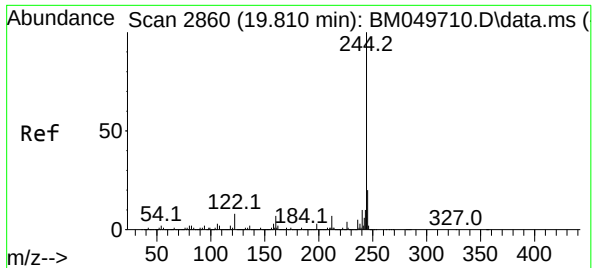
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#78
Pyrene
Concen: 39.419 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

Tgt Ion:202 Resp: 3364035
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.3 14.0 21.0





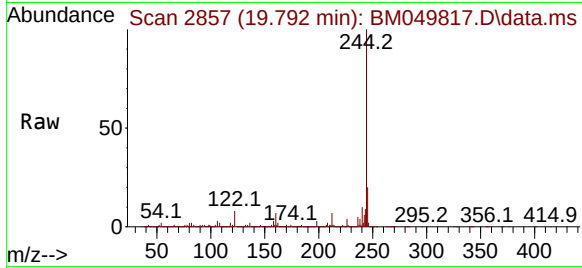
#79
Terphenyl-d14
Concen: 79.330 ng
RT: 19.792 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

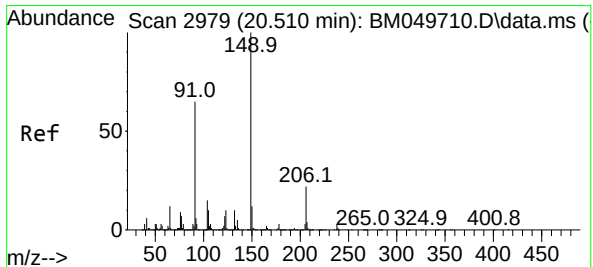
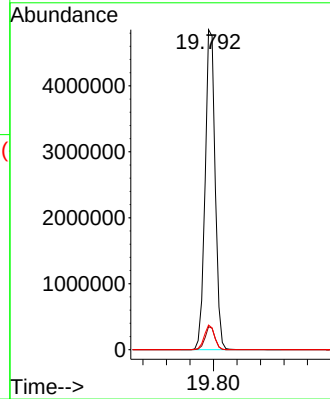
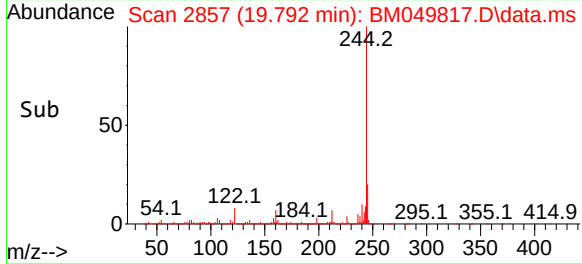


Tgt Ion:244 Resp: 5750370
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 7.7 6.0 9.0

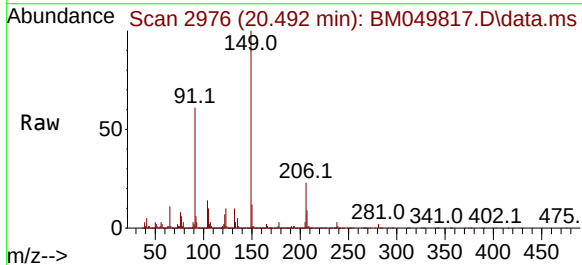
Manual Integrations

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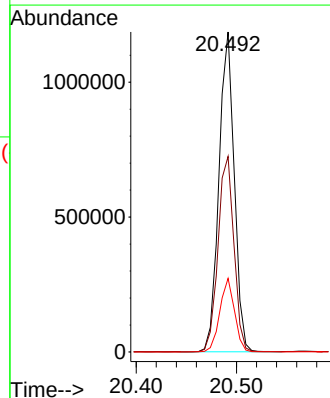
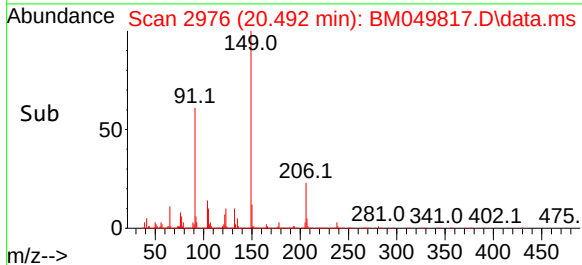
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

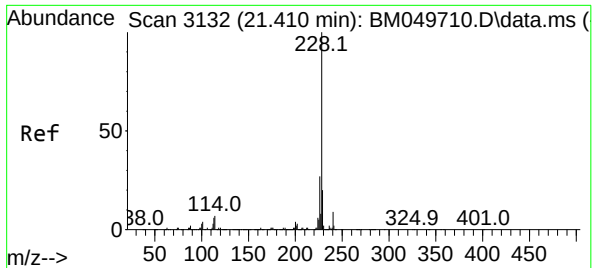


#80
Butylbenzylphthalate
Concen: 47.348 ng
RT: 20.492 min Scan# 2976
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38



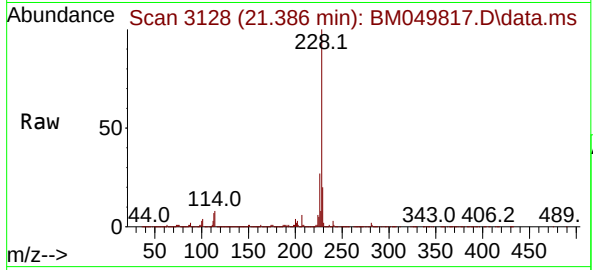
Tgt Ion:149 Resp: 1253995
Ion Ratio Lower Upper
149 100
91 61.1 52.2 78.4
206 23.0 17.6 26.4





#81
Benzo(a)anthracene
Concen: 36.959 ng
RT: 21.386 min Scan# 3118
Delta R.T. -0.024 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

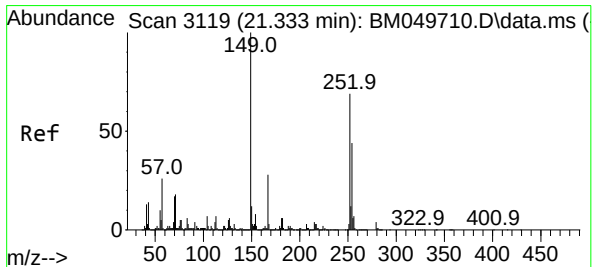
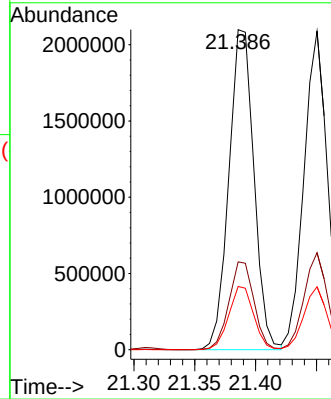
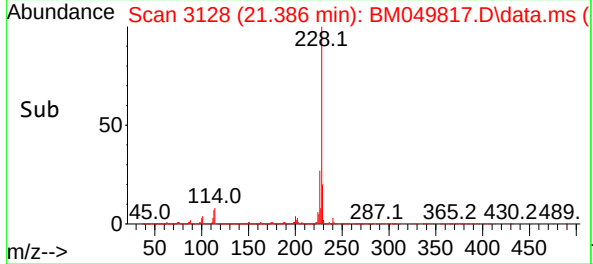
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 3015418
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 19.7 15.8 23.8

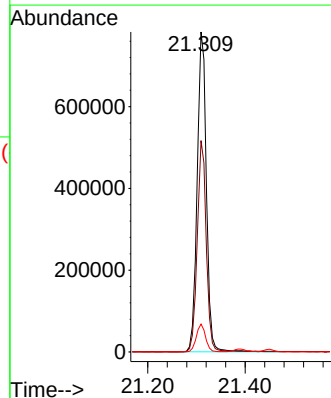
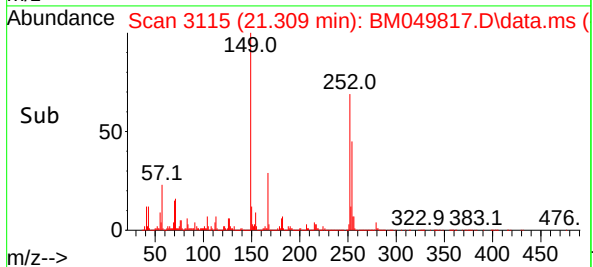
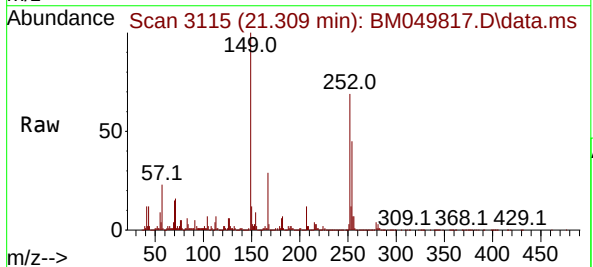
Manual Integrations
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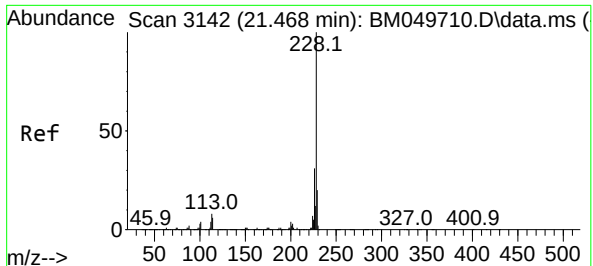
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#82
3,3'-Dichlorobenzidine
Concen: 38.790 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

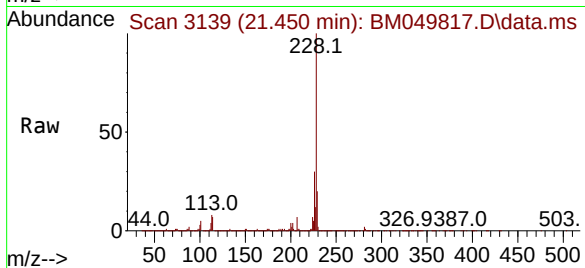
Tgt Ion:252 Resp: 1030393
Ion Ratio Lower Upper
252 100
254 66.0 51.0 76.4
126 8.7 6.3 9.5





#83
Chrysene
Concen: 36.479 ng
RT: 21.450 min Scan# 3119
Delta R.T. -0.018 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

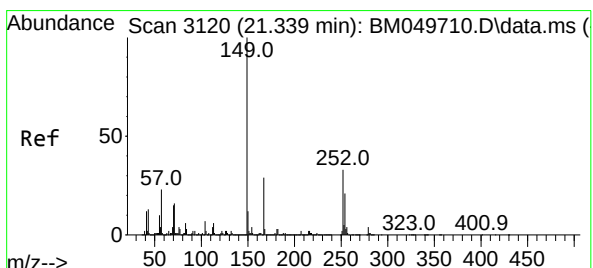
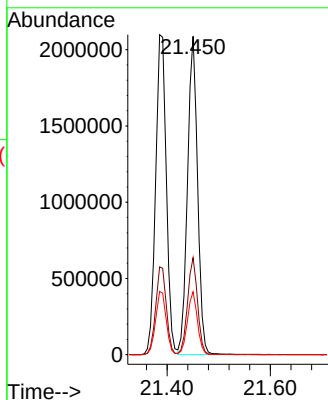
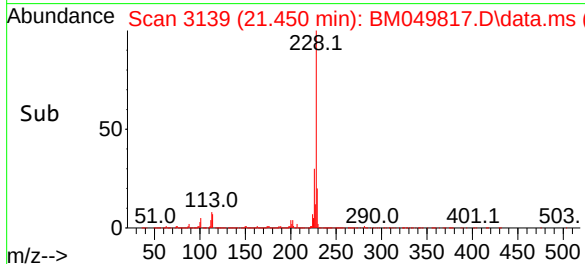
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 2821329
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 19.8 15.8 23.6

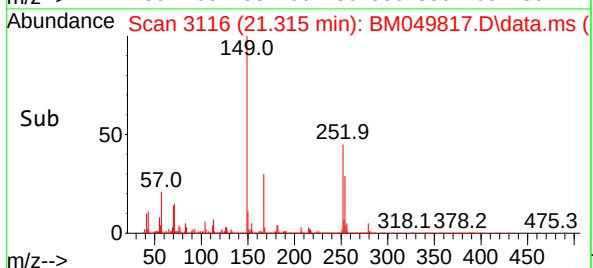
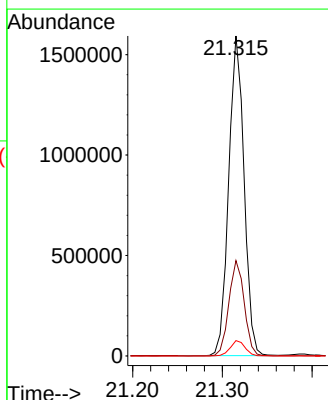
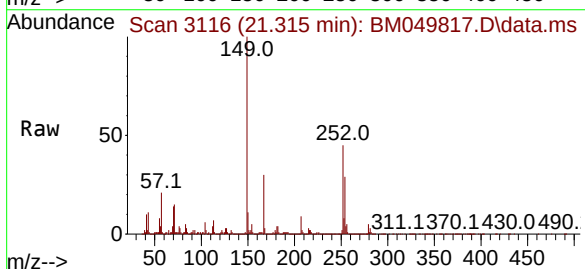
Manual Integrations
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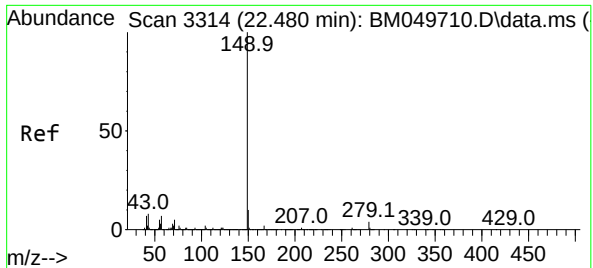
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.786 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.024 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

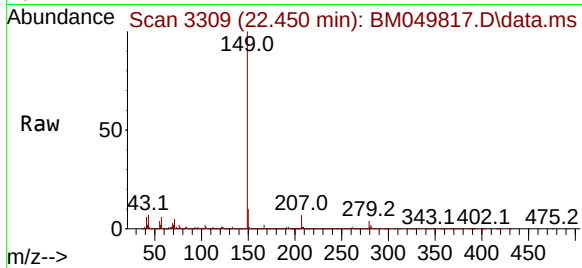
Tgt Ion:149 Resp: 1889819
Ion Ratio Lower Upper
149 100
167 29.8 22.9 34.3
279 4.8 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 47.513 ng
RT: 22.450 min Scan# 31
Delta R.T. -0.030 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

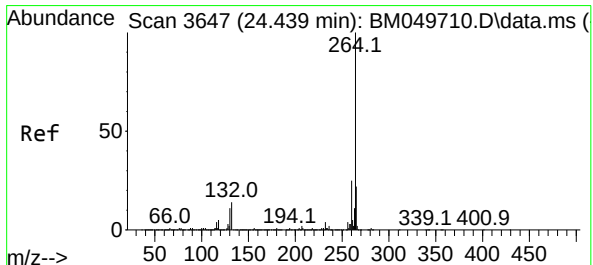
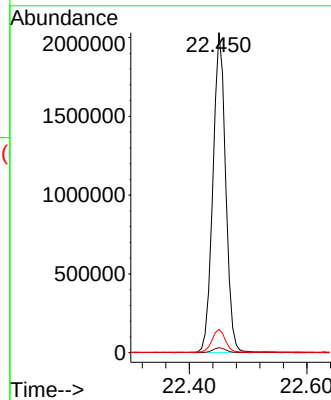
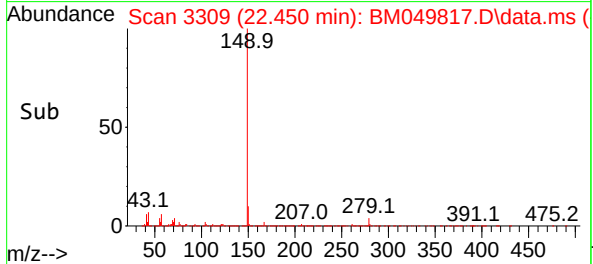
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



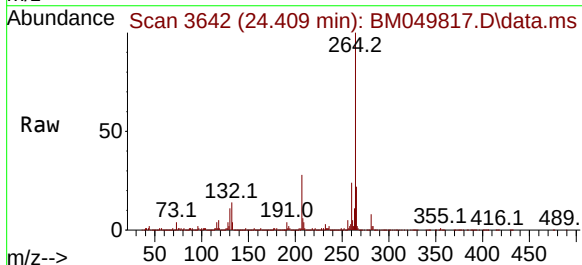
Tgt Ion:149 Resp: 304808
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 6.8 10.2

Manual Integrations
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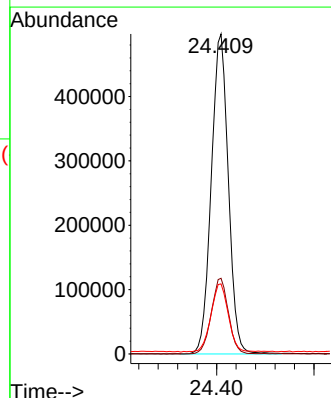
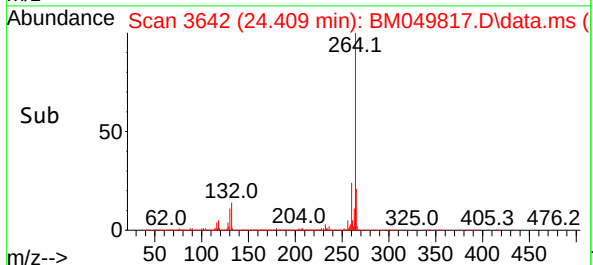
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

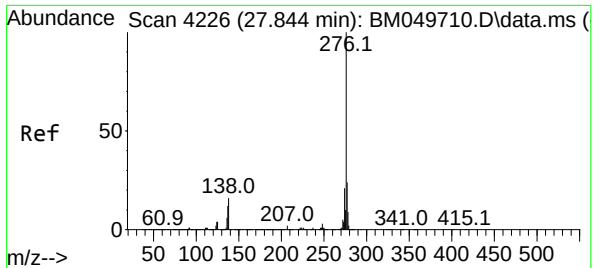


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.409 min Scan# 3642
Delta R.T. -0.030 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38



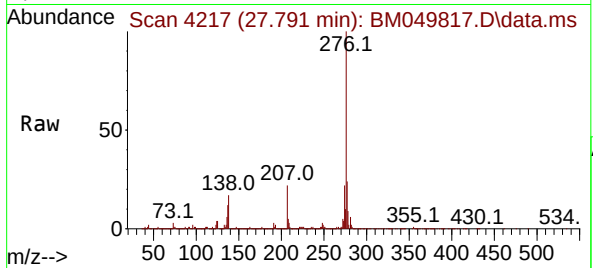
Tgt Ion:264 Resp: 1206739
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.9 18.2 27.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 36.400 ng
RT: 27.791 min Scan# 4217
Delta R.T. -0.053 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

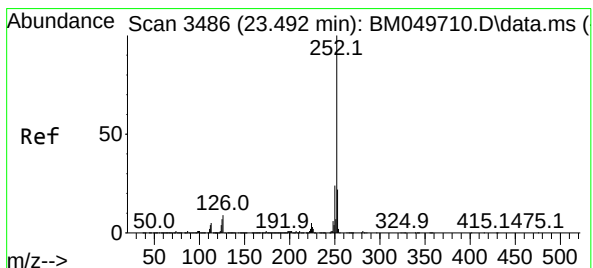
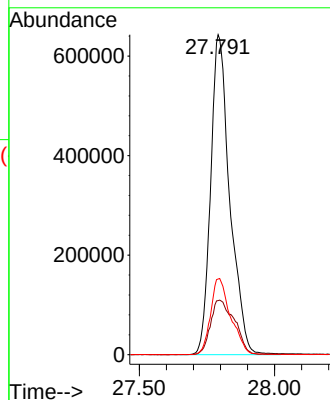
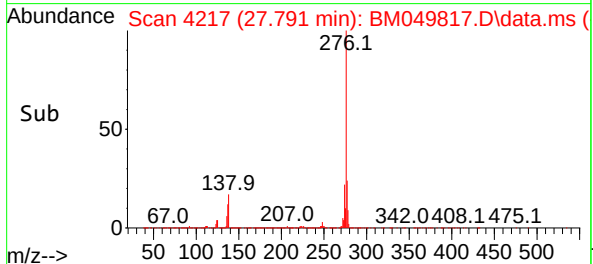
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:276 Resp: 3161510
Ion Ratio Lower Upper
276 100
138 21.2 16.3 24.5
277 24.9 19.9 29.9

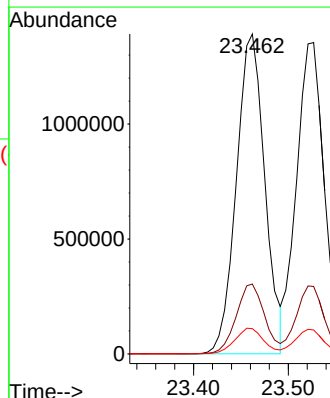
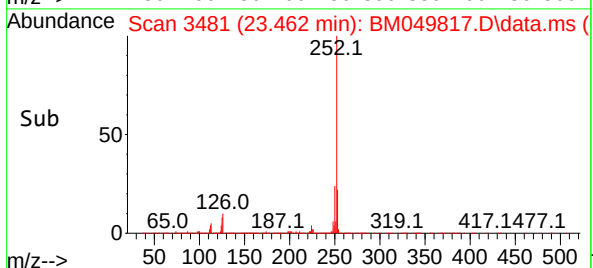
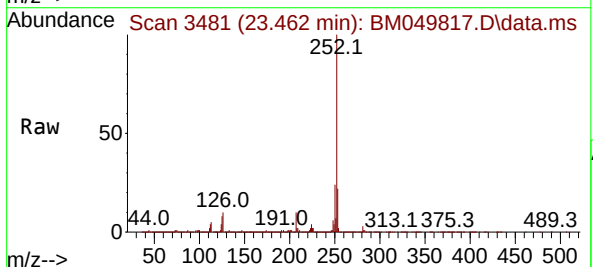
Manual Integrations
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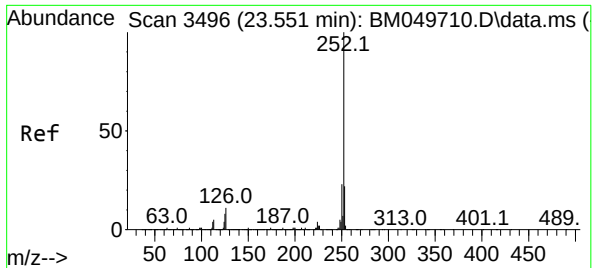
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#88
Benzo(b)fluoranthene
Concen: 35.674 ng
RT: 23.462 min Scan# 3481
Delta R.T. -0.030 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

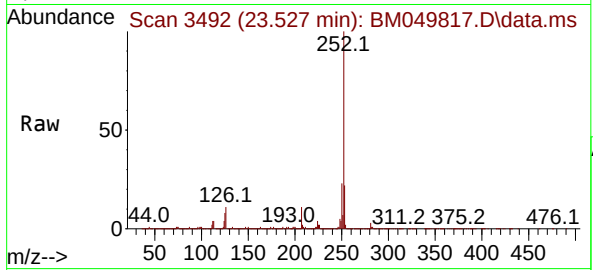
Tgt Ion:252 Resp: 2899540
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 7.9 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 34.770 ng
RT: 23.527 min Scan# 3496
Delta R.T. -0.024 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

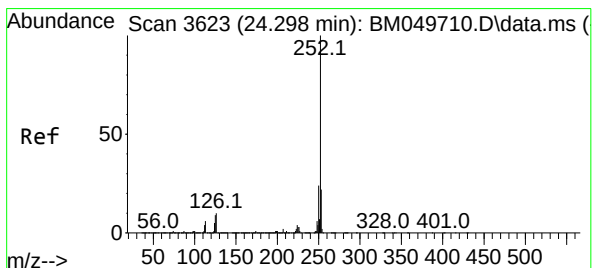
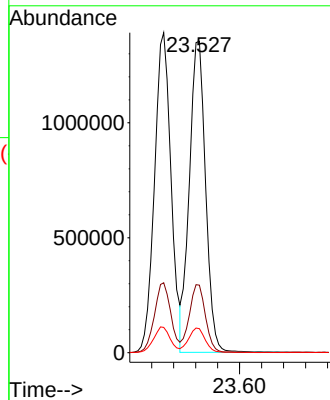
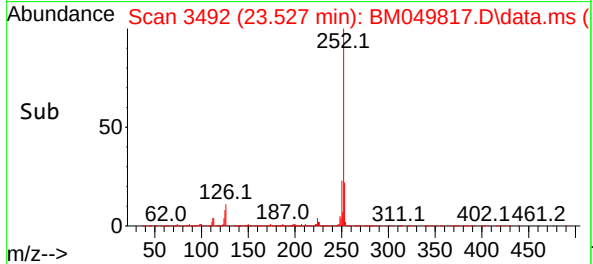
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 2780759
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 7.7 6.2 9.2

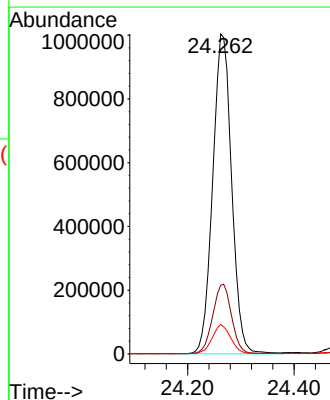
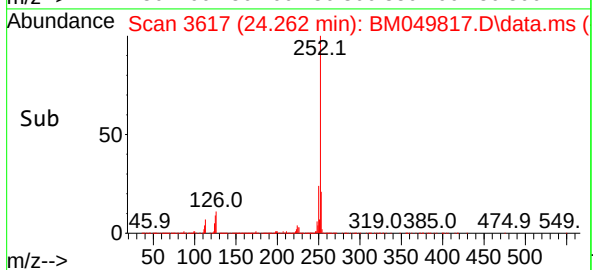
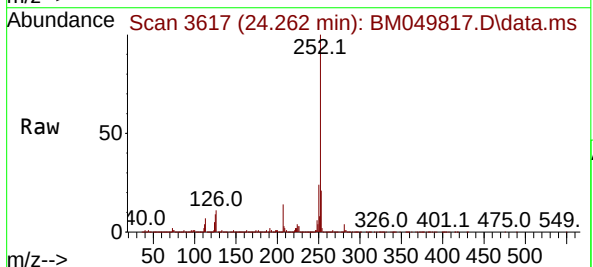
Manual Integrations
APPROVED

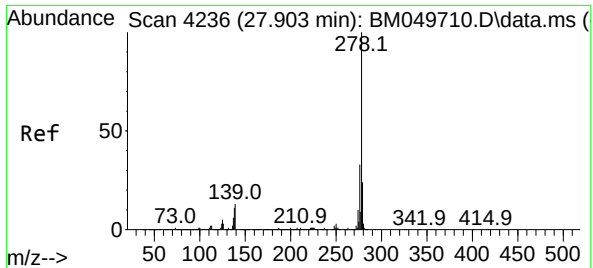
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#90
Benzo(a)pyrene
Concen: 36.189 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.036 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

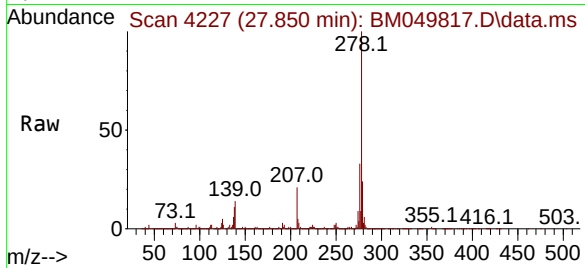
Tgt Ion:252 Resp: 2470639
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 9.2 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 36.020 ng
RT: 27.850 min Scan# 41
Delta R.T. -0.053 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38

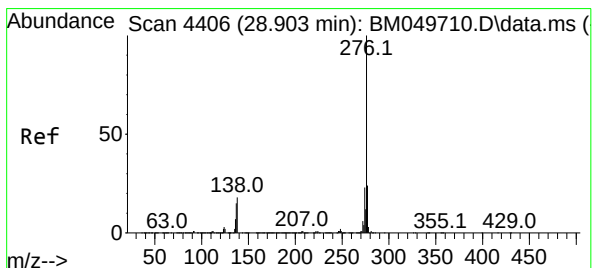
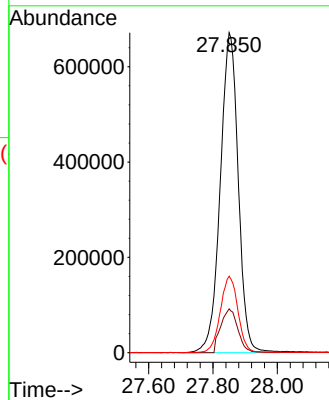
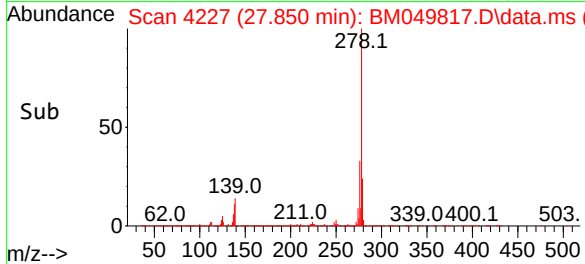
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



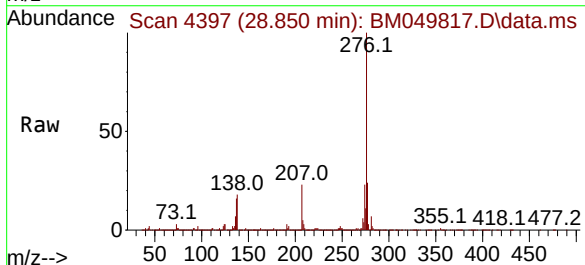
Tgt Ion:278 Resp: 260659
Ion Ratio Lower Upper
278 100
139 13.7 10.1 15.1
279 23.9 19.1 28.7

Manual Integrations
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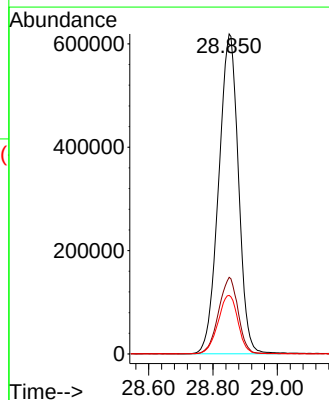
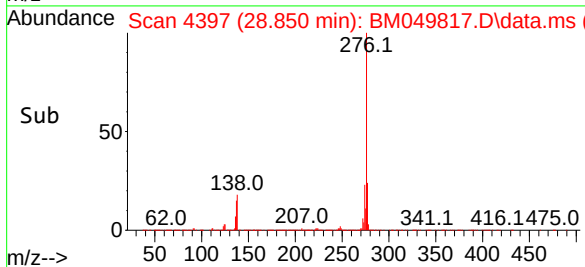
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#92
Benzo(g,h,i)perylene
Concen: 36.110 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.053 min
Lab File: BM049817.D
Acq: 04 Apr 2025 10:38



Tgt Ion:276 Resp: 2632072
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 18.3 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049817.D
 Acq On : 04 Apr 2025 10:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 04 12:00:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	125	-0.02
2	1,4-Dioxane	0.513	0.440	14.2	111	-0.01
3	Pyridine	1.310	1.115	14.9	107	-0.01
4	n-Nitrosodimethylamine	0.580	0.447	22.9	99	-0.01
5 S	2-Fluorophenol	1.185	1.068	9.9	114	-0.02
6	Aniline	1.246	1.136	8.8	116	-0.02
7 S	Phenol-d6	1.487	1.327	10.8	113	-0.02
8	2-Chlorophenol	1.174	1.082	7.8	118	-0.02
9	Benzaldehyde	0.735	0.757	-3.0	139	-0.02
10 C	Phenol	1.442	1.275	11.6	114	-0.02
11	bis(2-Chloroethyl)ether	1.168	1.025	12.2	114	-0.02
12	1,3-Dichlorobenzene	1.426	1.281	10.2	117	-0.02
13 C	1,4-Dichlorobenzene	1.439	1.303	9.5	117	-0.02
14	1,2-Dichlorobenzene	1.368	1.226	10.4	115	-0.02
15	Benzyl Alcohol	0.933	0.844	9.5	114	-0.02
16	2,2'-oxybis(1-Chloropropane	1.373	1.156	15.8	109	-0.02
17	2-Methylphenol	0.856	0.792	7.5	117	-0.02
18	Hexachloroethane	0.508	0.453	10.8	113	-0.02
19 P	n-Nitroso-di-n-propylamine	0.863	0.744	13.8	107	-0.02
20	3+4-Methylphenols	1.148	1.082	5.7	119	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	123	-0.02
22	Acetophenone	0.516	0.453	12.2	110	-0.02
23 S	Nitrobenzene-d5	0.390	0.337	13.6	108	-0.02
24	Nitrobenzene	0.367	0.321	12.5	110	-0.02
25	Isophorone	0.598	0.552	7.7	115	-0.02
26 C	2-Nitrophenol	0.156	0.169	-8.3	133	-0.02
27	2,4-Dimethylphenol	0.199	0.194	2.5	122	-0.02
28	bis(2-Chloroethoxy)methane	0.421	0.377	10.5	114	-0.02
29 C	2,4-Dichlorophenol	0.324	0.311	4.0	119	-0.02
30	1,2,4-Trichlorobenzene	0.406	0.364	10.3	115	-0.02
31	Naphthalene	1.028	0.942	8.4	116	-0.02
32	Benzoic acid	0.169	0.201	-18.9	151#	-0.02
33	4-Chloroaniline	0.351	0.331	5.7	117	-0.02
34 C	Hexachlorobutadiene	0.250	0.225	10.0	115	-0.02
35	Caprolactam	0.075	0.080	-6.7	125	-0.02
36 C	4-Chloro-3-methylphenol	0.278	0.271	2.5	119	-0.02
37	2-Methylnaphthalene	0.719	0.666	7.4	117	-0.02
38	1-Methylnaphthalene	0.694	0.639	7.9	117	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	125	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.735	0.651	11.4	113	-0.01
41 P	Hexachlorocyclopentadiene	0.272	0.249	8.5	113	-0.02
42 S	2,4,6-Tribromophenol	0.234	0.247	-5.6	123	-0.02
43 C	2,4,6-Trichlorophenol	0.411	0.409	0.5	122	-0.01
44	2,4,5-Trichlorophenol	0.449	0.434	3.3	118	-0.02
45 S	2-Fluorobiphenyl	1.597	1.418	11.2	111	-0.02
46	1,1'-Biphenyl	1.541	1.409	8.6	115	-0.02
47	2-Chloronaphthalene	1.200	1.086	9.5	115	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049817.D
 Acq On : 04 Apr 2025 10:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 04 12:00:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.269	0.252	6.3	112	-0.02
49	Acenaphthylene	1.677	1.570	6.4	117	-0.02
50	Dimethylphthalate	1.377	1.285	6.7	117	-0.02
51	2,6-Dinitrotoluene	0.276	0.270	2.2	120	-0.01
52 C	Acenaphthene	1.100	1.003	8.8	114	-0.02
53	3-Nitroaniline	0.263	0.260	1.1	119	-0.02
54 P	2,4-Dinitrophenol	0.134	0.141	-5.2	133	0.00
55	Dibenzofuran	1.833	1.655	9.7	115	-0.02
56 P	4-Nitrophenol	0.229	0.221	3.5	118	-0.01
57	2,4-Dinitrotoluene	0.355	0.353	0.6	119	-0.01
58	Fluorene	1.492	1.311	12.1	109	-0.01
59	2,3,4,6-Tetrachlorophenol	0.376	0.359	4.5	116	-0.01
60	Diethylphthalate	1.297	1.226	5.5	118	-0.01
61	4-Chlorophenyl-phenylether	0.815	0.714	12.4	109	-0.02
62	4-Nitroaniline	0.274	0.261	4.7	109	-0.01
63	Azobenzene	1.239	1.080	12.8	108	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	121	-0.02
65	4,6-Dinitro-2-methylphenol	0.102	0.104	-2.0	127	-0.01
66 c	n-Nitrosodiphenylamine	0.606	0.574	5.3	116	-0.02
67	4-Bromophenyl-phenylether	0.231	0.219	5.2	117	-0.02
68	Hexachlorobenzene	0.260	0.244	6.2	118	-0.01
69	Atrazine	0.134	0.142	-6.0	134	-0.01
70 C	Pentachlorophenol	0.163	0.161	1.2	121	-0.01
71	Phenanthrene	1.111	1.012	8.9	112	-0.01
72	Anthracene	1.076	0.999	7.2	114	-0.02
73	Carbazole	0.974	0.904	7.2	111	-0.01
74	Di-n-butylphthalate	1.068	1.090	-2.1	122	-0.02
75 C	Fluoranthene	1.279	1.159	9.4	108	-0.02
76 I	Chrysene-d12	1.000	1.000	0.0	102	-0.02
77	Benzidine	0.240	0.423	-76.3#	205#	-0.02
78	Pyrene	1.397	1.377	1.4	106	-0.01
79 S	Terphenyl-d14	1.187	1.177	0.8	99	-0.02
80	Butylbenzylphthalate	0.434	0.513	-18.2	121	-0.02
81	Benzo(a)anthracene	1.336	1.234	7.6	96	-0.02
82	3,3'-Dichlorobenzidine	0.435	0.422	3.0	105	-0.02
83	Chrysene	1.266	1.155	8.8	95	-0.02
84	Bis(2-ethylhexyl)phthalate	0.676	0.774	-14.5	116	-0.02
85 c	Di-n-octyl phthalate	1.050	1.248	-18.9	126	-0.03
86 I	Perylene-d12	1.000	1.000	0.0	106	-0.03
87	Indeno(1,2,3-cd)pyrene	1.440	1.310	9.0	97	-0.05
88	Benzo(b)fluoranthene	1.347	1.201	10.8	96	-0.03
89	Benzo(k)fluoranthene	1.325	1.152	13.1	95	-0.02
90 C	Benzo(a)pyrene	1.131	1.024	9.5	97	-0.04
91	Dibenzo(a,h)anthracene	1.199	1.080	9.9	97	-0.05
92	Benzo(g,h,i)perylene	1.208	1.091	9.7	96	-0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049817.D
Acq On : 04 Apr 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Apr 04 12:00:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049817.D
 Acq On : 04 Apr 2025 10:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 04 12:00:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	125	-0.02
2	1,4-Dioxane	40.000	34.271	14.3	111	-0.01
3	Pyridine	40.000	34.049	14.9	107	-0.01
4	n-Nitrosodimethylamine	40.000	30.815	23.0	99	-0.01
5 S	2-Fluorophenol	80.000	72.071	9.9	114	-0.02
6	Aniline	40.000	36.468	8.8	116	-0.02
7 S	Phenol-d6	80.000	71.374	10.8	113	-0.02
8	2-Chlorophenol	40.000	36.855	7.9	118	-0.02
9	Benzaldehyde	40.000	41.182	-3.0	139	-0.02
10 C	Phenol	40.000	35.363	11.6	114	-0.02
11	bis(2-Chloroethyl)ether	40.000	35.117	12.2	114	-0.02
12	1,3-Dichlorobenzene	40.000	35.911	10.2	117	-0.02
13 C	1,4-Dichlorobenzene	40.000	36.225	9.4	117	-0.02
14	1,2-Dichlorobenzene	40.000	35.870	10.3	115	-0.02
15	Benzyl Alcohol	40.000	36.147	9.6	114	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	33.671	15.8	109	-0.02
17	2-Methylphenol	40.000	36.985	7.5	117	-0.02
18	Hexachloroethane	40.000	35.630	10.9	113	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	34.525	13.7	107	-0.02
20	3+4-Methylphenols	40.000	37.701	5.7	119	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	123	-0.02
22	Acetophenone	40.000	35.167	12.1	110	-0.02
23 S	Nitrobenzene-d5	80.000	69.295	13.4	108	-0.02
24	Nitrobenzene	40.000	34.969	12.6	110	-0.02
25	Isophorone	40.000	36.947	7.6	115	-0.02
26 C	2-Nitrophenol	40.000	43.336	-8.3	133	-0.02
27	2,4-Dimethylphenol	40.000	39.064	2.3	122	-0.02
28	bis(2-Chloroethoxy)methane	40.000	35.758	10.6	114	-0.02
29 C	2,4-Dichlorophenol	40.000	38.383	4.0	119	-0.02
30	1,2,4-Trichlorobenzene	40.000	35.923	10.2	115	-0.02
31	Naphthalene	40.000	36.651	8.4	116	-0.02
32	Benzoic acid	40.000	47.411	-18.5	151	-0.02
33	4-Chloroaniline	40.000	37.734	5.7	117	-0.02
34 C	Hexachlorobutadiene	40.000	35.986	10.0	115	-0.02
35	Caprolactam	40.000	42.373	-5.9	125	-0.02
36 C	4-Chloro-3-methylphenol	40.000	38.976	2.6	119	-0.02
37	2-Methylnaphthalene	40.000	37.033	7.4	117	-0.02
38	1-Methylnaphthalene	40.000	36.830	7.9	117	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	125	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	35.442	11.4	113	-0.01
41 P	Hexachlorocyclopentadiene	40.000	36.556	8.6	113	-0.02
42 S	2,4,6-Tribromophenol	80.000	84.496	-5.6	123	-0.02
43 C	2,4,6-Trichlorophenol	40.000	39.746	0.6	122	-0.01
44	2,4,5-Trichlorophenol	40.000	38.693	3.3	118	-0.02
45 S	2-Fluorobiphenyl	80.000	71.023	11.2	111	-0.02
46	1,1'-Biphenyl	40.000	36.551	8.6	115	-0.02
47	2-Chloronaphthalene	40.000	36.206	9.5	115	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049817.D
 Acq On : 04 Apr 2025 10:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 04 12:00:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	37.356	6.6	112	-0.02
49	Acenaphthylene	40.000	37.446	6.4	117	-0.02
50	Dimethylphthalate	40.000	37.319	6.7	117	-0.02
51	2,6-Dinitrotoluene	40.000	39.110	2.2	120	-0.01
52 C	Acenaphthene	40.000	36.463	8.8	114	-0.02
53	3-Nitroaniline	40.000	39.653	0.9	119	-0.02
54 P	2,4-Dinitrophenol	40.000	41.202	-3.0	133	0.00
55	Dibenzofuran	40.000	36.111	9.7	115	-0.02
56 P	4-Nitrophenol	40.000	38.623	3.4	118	-0.01
57	2,4-Dinitrotoluene	40.000	39.810	0.5	119	-0.01
58	Fluorene	40.000	35.129	12.2	109	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	38.201	4.5	116	-0.01
60	Diethylphthalate	40.000	37.825	5.4	118	-0.01
61	4-Chlorophenyl-phenylether	40.000	35.029	12.4	109	-0.02
62	4-Nitroaniline	40.000	34.599	13.5	109	-0.01
63	Azobenzene	40.000	34.861	12.8	108	-0.02
64 I	Phenanthrene-d10	20.000	20.000	0.0	121	-0.02
65	4,6-Dinitro-2-methylphenol	40.000	40.397	-1.0	127	-0.01
66 c	n-Nitrosodiphenylamine	40.000	37.883	5.3	116	-0.02
67	4-Bromophenyl-phenylether	40.000	37.895	5.3	117	-0.02
68	Hexachlorobenzene	40.000	37.519	6.2	118	-0.01
69	Atrazine	40.000	42.406	-6.0	134	-0.01
70 C	Pentachlorophenol	40.000	39.522	1.2	121	-0.01
71	Phenanthrene	40.000	36.439	8.9	112	-0.01
72	Anthracene	40.000	37.151	7.1	114	-0.02
73	Carbazole	40.000	37.114	7.2	111	-0.01
74	Di-n-butylphthalate	40.000	40.822	-2.1	122	-0.02
75 C	Fluoranthene	40.000	36.271	9.3	108	-0.02
76 I	Chrysene-d12	20.000	20.000	0.0	102	-0.02
77	Benzidine	40.000	70.500	-76.3#	205	-0.02
78	Pyrene	40.000	39.419	1.5	106	-0.01
79 S	Terphenyl-d14	80.000	79.330	0.8	99	-0.02
80	Butylbenzylphthalate	40.000	47.348	-18.4	121	-0.02
81	Benzo(a)anthracene	40.000	36.959	7.6	96	-0.02
82	3,3'-Dichlorobenzidine	40.000	38.790	3.0	105	-0.02
83	Chrysene	40.000	36.479	8.8	95	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	45.786	-14.5	116	-0.02
85 c	Di-n-octyl phthalate	40.000	47.513	-18.8	126	-0.03
86 I	Perylene-d12	20.000	20.000	0.0	106	-0.03
87	Indeno(1,2,3-cd)pyrene	40.000	36.400	9.0	97	-0.05
88	Benzo(b)fluoranthene	40.000	35.674	10.8	96	-0.03
89	Benzo(k)fluoranthene	40.000	34.770	13.1	95	-0.02
90 C	Benzo(a)pyrene	40.000	36.189	9.5	97	-0.04
91	Dibenzo(a,h)anthracene	40.000	36.020	9.9	97	-0.05
92	Benzo(g,h,i)perylene	40.000	36.110	9.7	96	-0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049817.D
Acq On : 04 Apr 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Apr 04 12:00:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



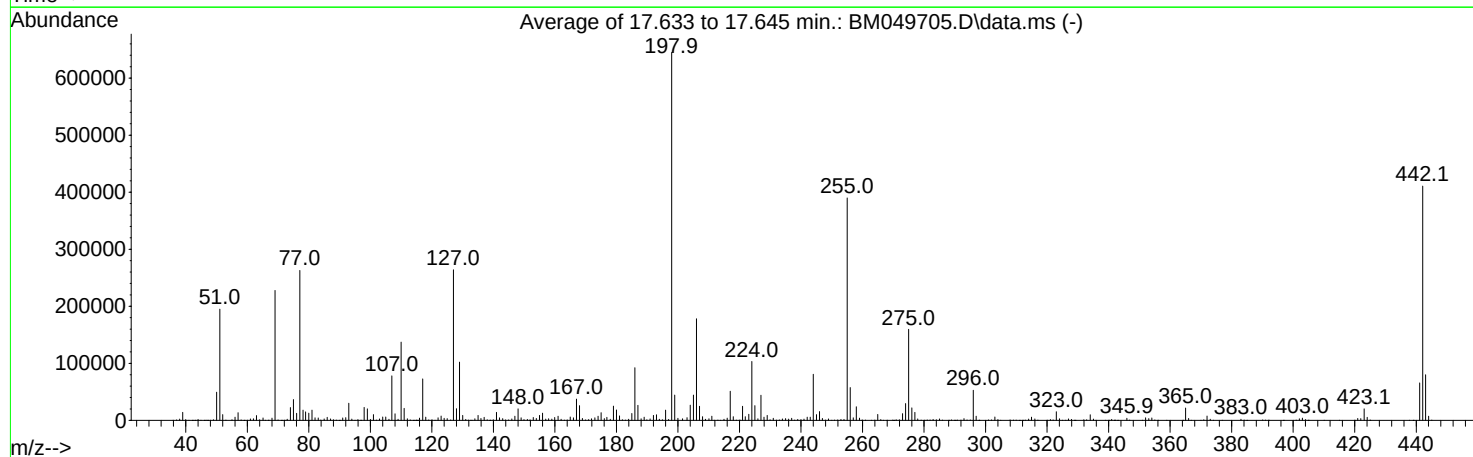
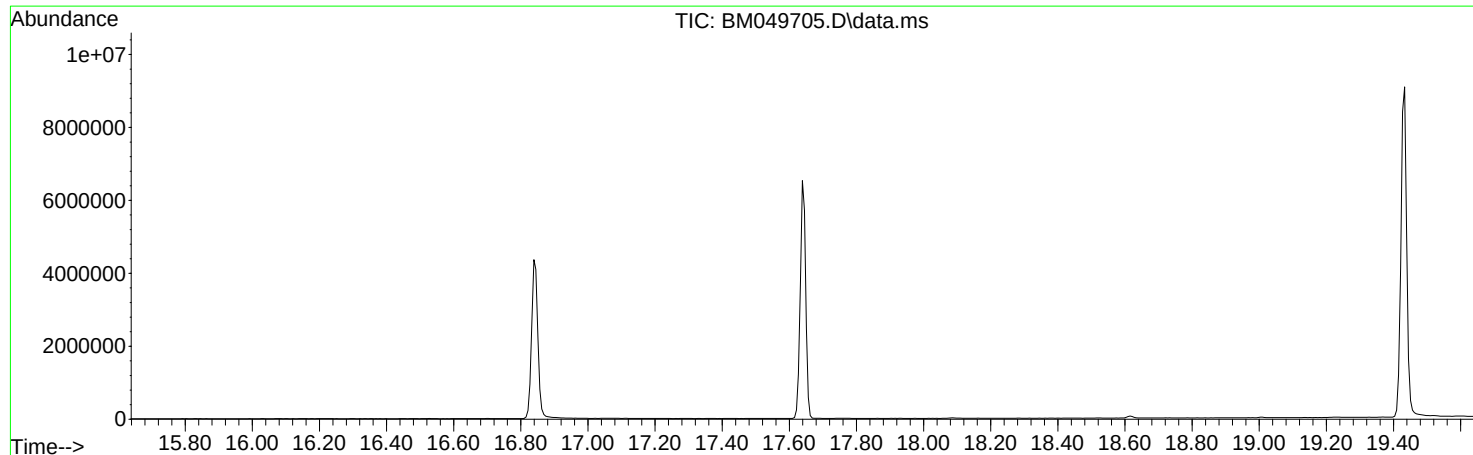
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049705.D
Acq On : 13 Mar 2025 08:24
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-BM031325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 13 14:55:34 2025



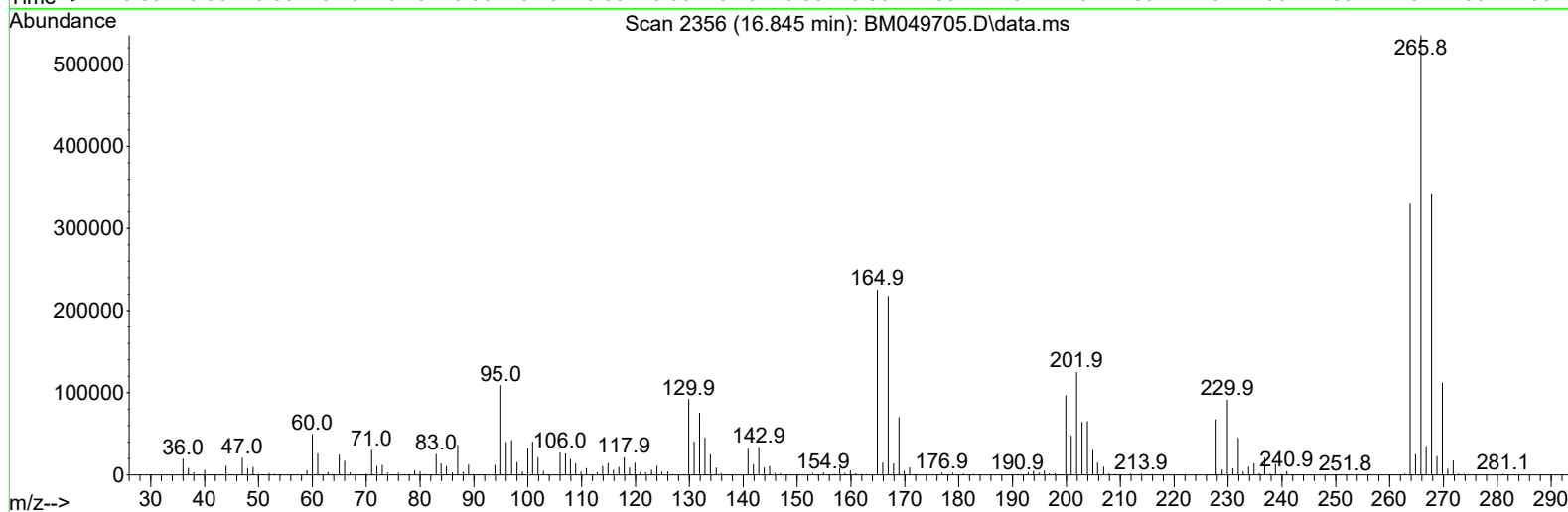
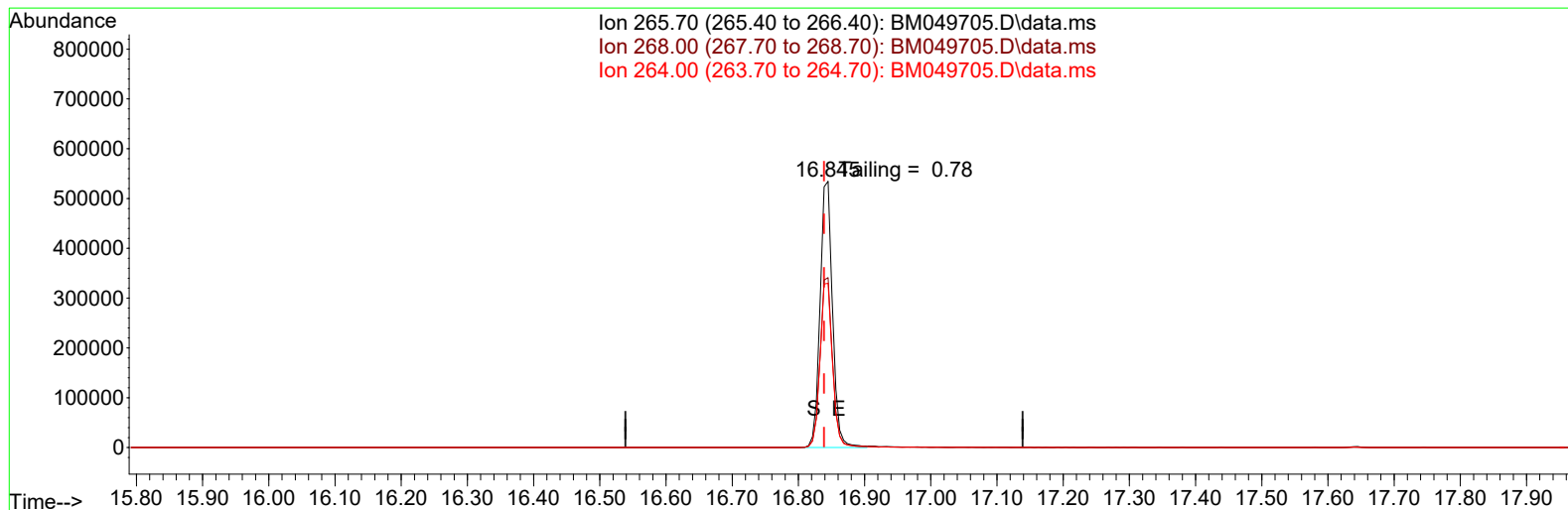
AutoFind: Scans 2490, 2491, 2492; Background Corrected with Scan 2483

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.2	195050	PASS
68	69	0.00	2	1.7	3856	PASS
69	198	0.00	100	35.3	227755	PASS
70	69	0.00	2	0.4	953	PASS
127	198	10	80	40.9	264085	PASS
197	198	0.00	2	0.2	1585	PASS
198	198	100	100	100.0	644928	PASS
199	198	5	9	6.9	44307	PASS
275	198	10	60	24.7	159525	PASS
365	198	1	100	3.4	21715	PASS
441	198	0.01	100	10.2	65573	PASS
442	442	50	100	100.0	410773	PASS
443	442	15	24	19.4	79851	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049705.D
Acq On : 13 Mar 2025 08:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Mar 13 14:58:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration



TIC: BM049705.D\data.ms

(70) Pentachlorophenol (C)

16.845min (+ 0.006) 240791.00 ng

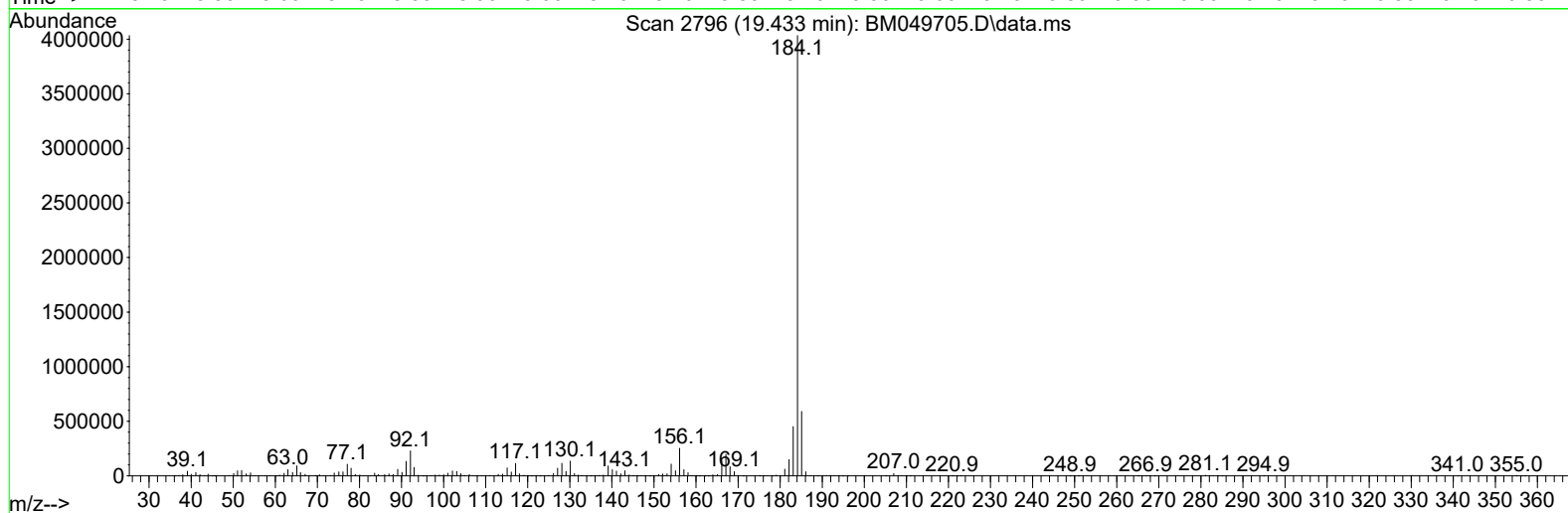
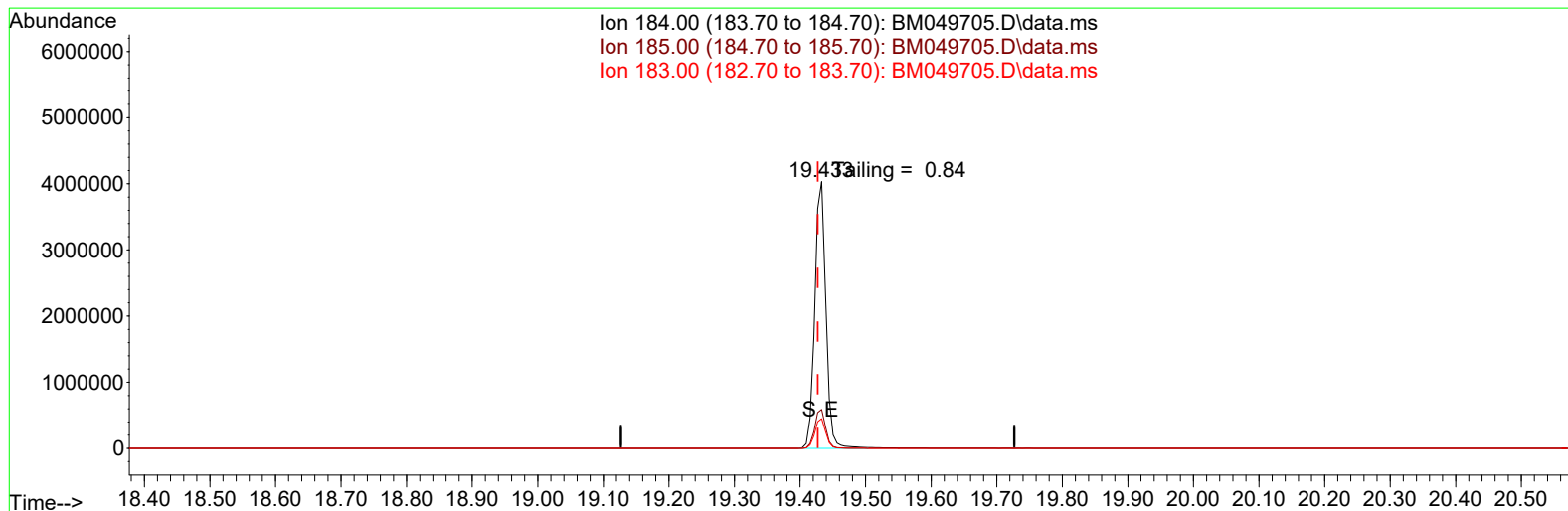
response 705303

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.70	63.81
264.00	64.10	61.63
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049705.D
Acq On : 13 Mar 2025 08:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Mar 13 14:58:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration



TIC: BM049705.D\data.ms

(77) Benzidine**19.433min (+ 0.006) 192481.98 ng****response 4789142**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.64
183.00	11.00	11.19
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
3/13/2025	BNA_M	<u>BM049705.D</u>
Compound Name	Response	Retention Time
DDT	2260553	20.674
DDD	15649	20.286
DDE	487	19.721
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
16136	2276689	0.71

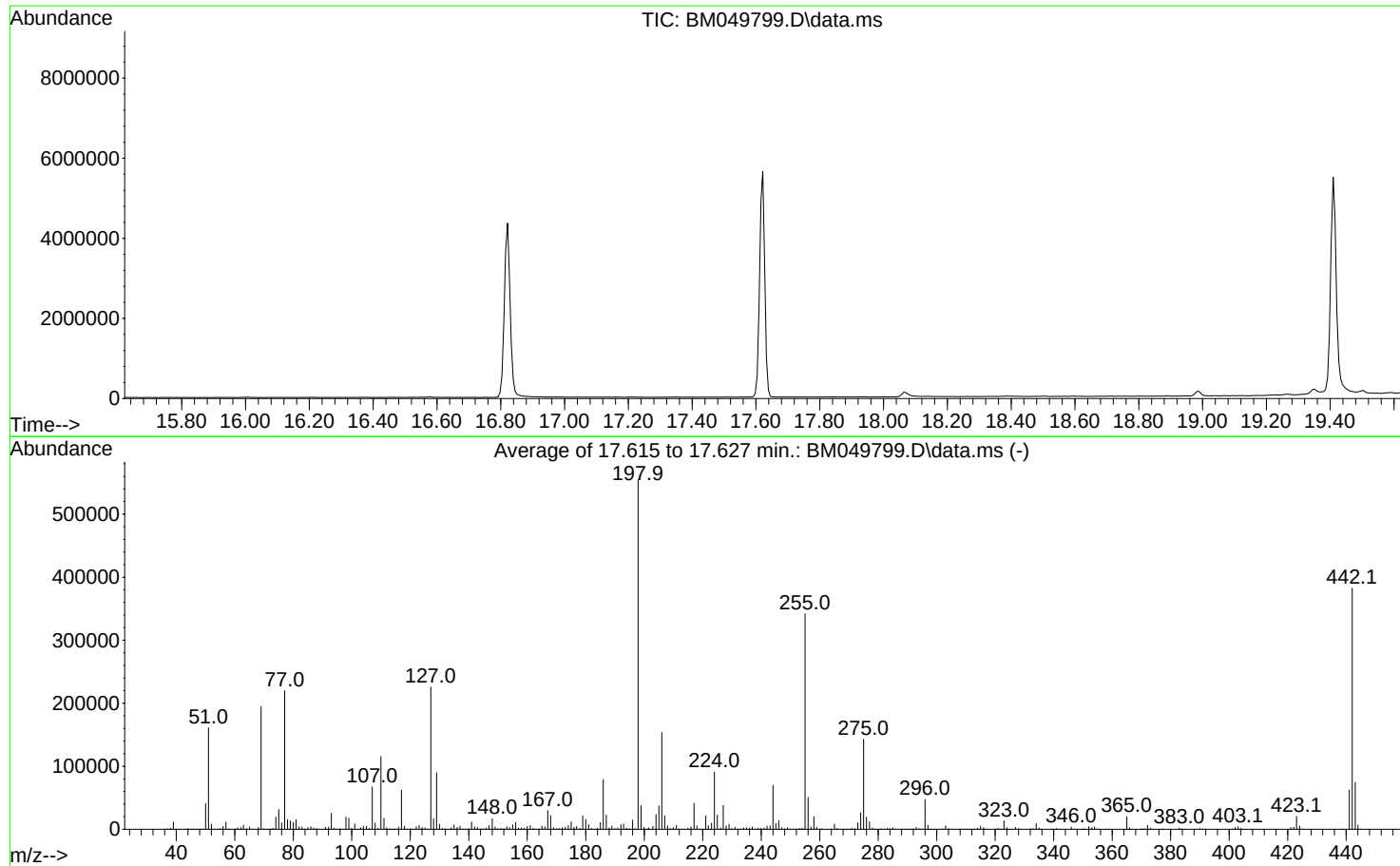
Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049799.D
Acq On : 03 Apr 2025 10:38
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-BM031325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 13 14:55:34 2025



AutoFind: Scans 2487, 2488, 2489; Background Corrected with Scan 2480

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.0	160892	PASS
68	69	0.00	2	1.5	2851	PASS
69	198	0.00	100	35.1	194648	PASS
70	69	0.00	2	0.5	1037	PASS
127	198	10	80	40.7	225728	PASS
197	198	0.00	2	0.1	825	PASS
198	198	100	100	100.0	554837	PASS
199	198	5	9	6.7	37451	PASS
275	198	10	60	25.7	142861	PASS
365	198	1	100	3.6	19811	PASS
441	198	0.01	100	11.2	62291	PASS
442	442	50	100	100.0	382421	PASS
443	442	15	24	19.4	74349	PASS

DDT Breakdown

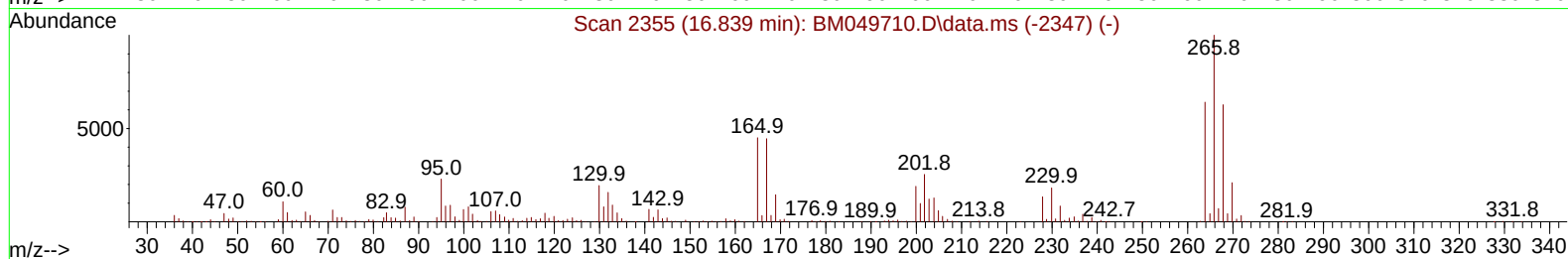
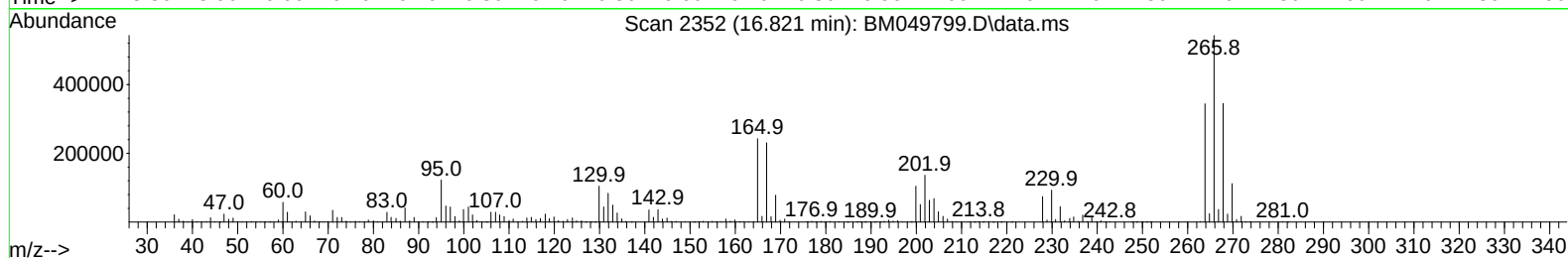
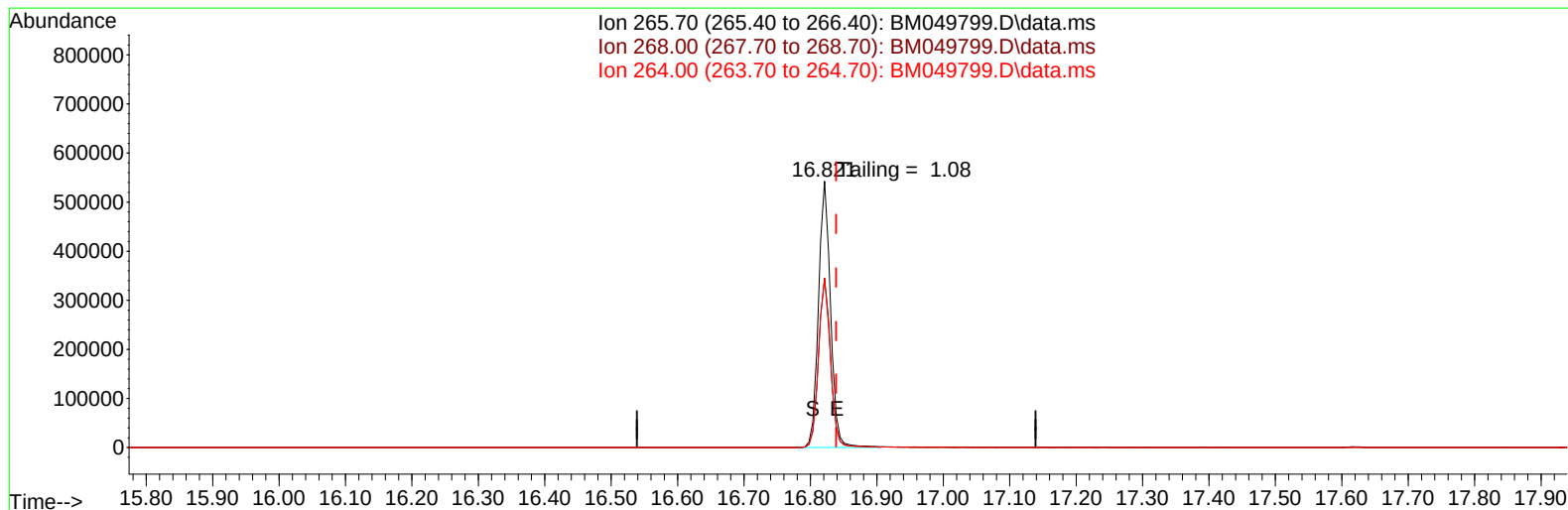
Date	Instrument Name	DFTPP Data File
4/3/2025	BNA_M	<u>BM049799.D</u>
Compound Name	Response	Retention Time
DDT	1824130	20.65
DDD	16326	20.262
DDE	358	19.709
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
16684	1840814	0.91

Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049799.D
Acq On : 03 Apr 2025 10:38
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 03 11:39:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration



TIC: BM049799.D\data.ms

(70) Pentachlorophenol (C)

16.821min (-0.018) 57528.84 ng

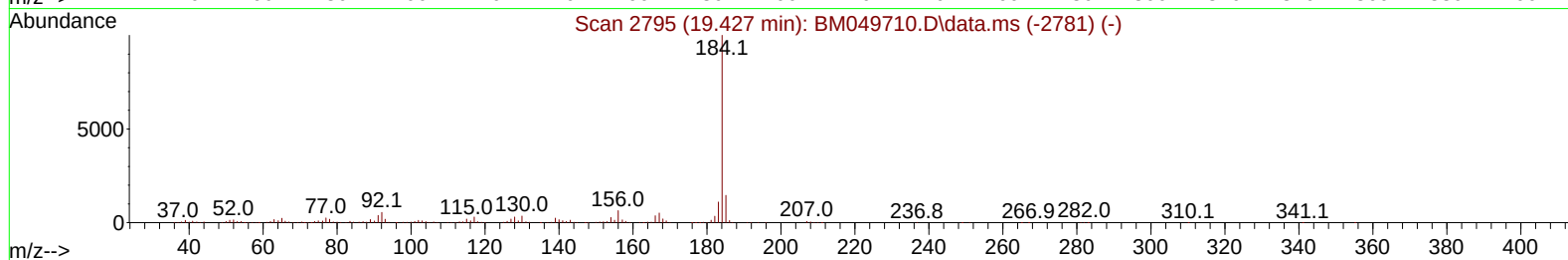
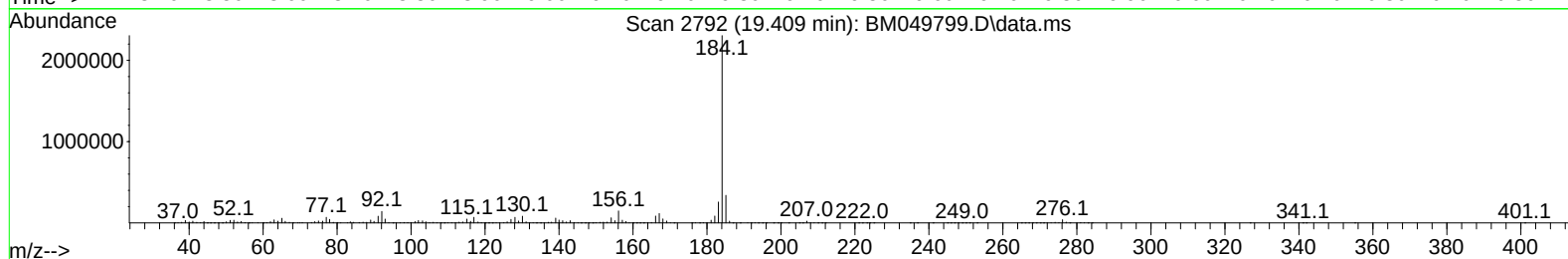
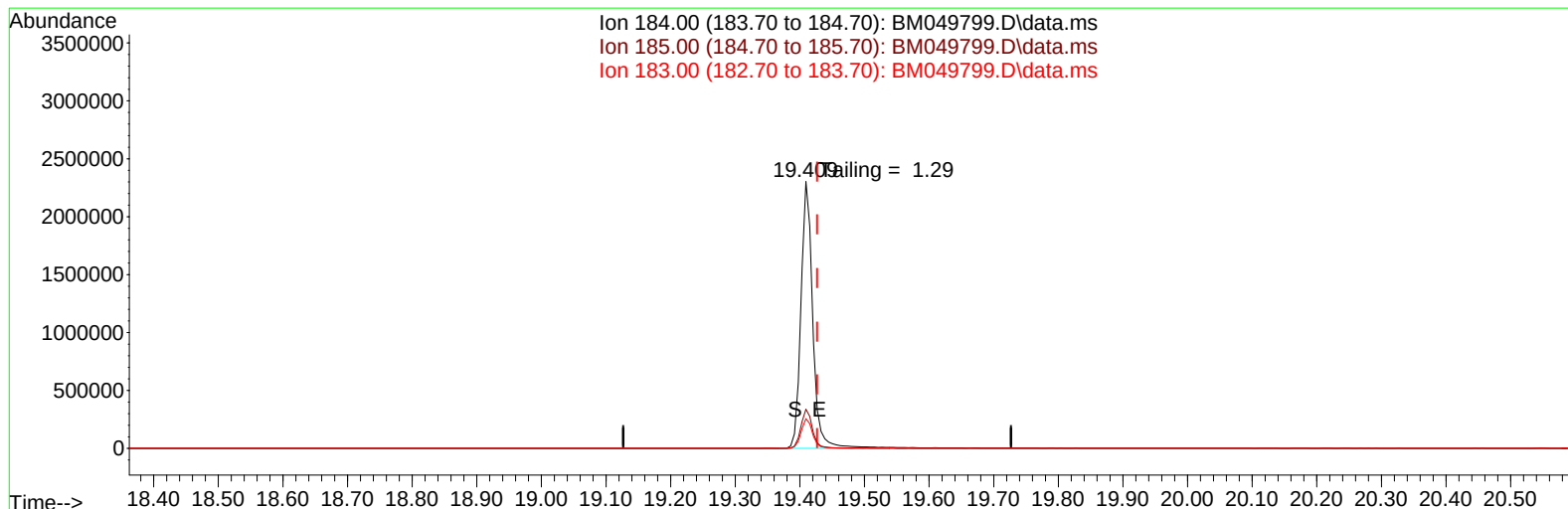
response 685298

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.70	63.60
264.00	64.10	63.40
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049799.D
Acq On : 03 Apr 2025 10:38
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 03 11:39:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration



TIC: BM049799.D\data.ms

(77) Benzidine

19.409min (-0.018) 112742.95 ng

response 2947378

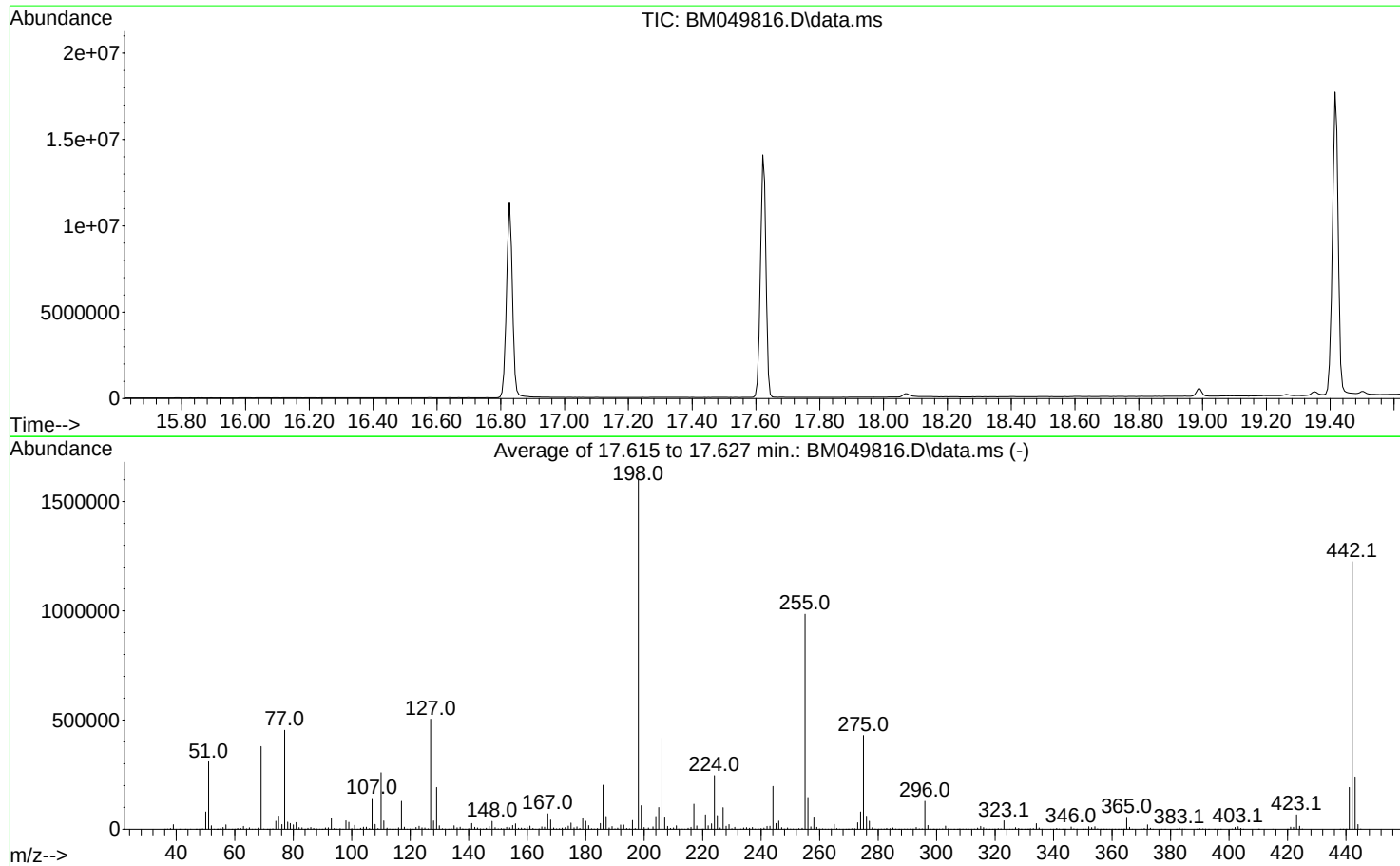
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.70
183.00	11.00	11.18
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049816.D
Acq On : 04 Apr 2025 08:41
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-BM031325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 13 14:55:34 2025



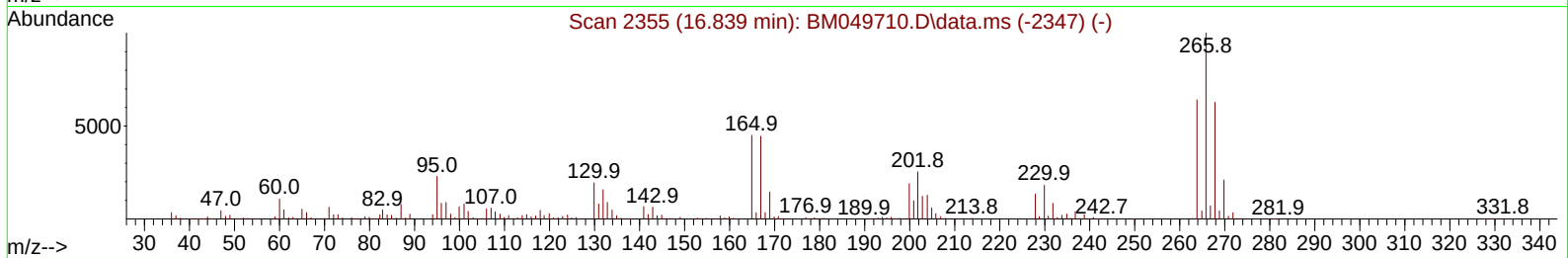
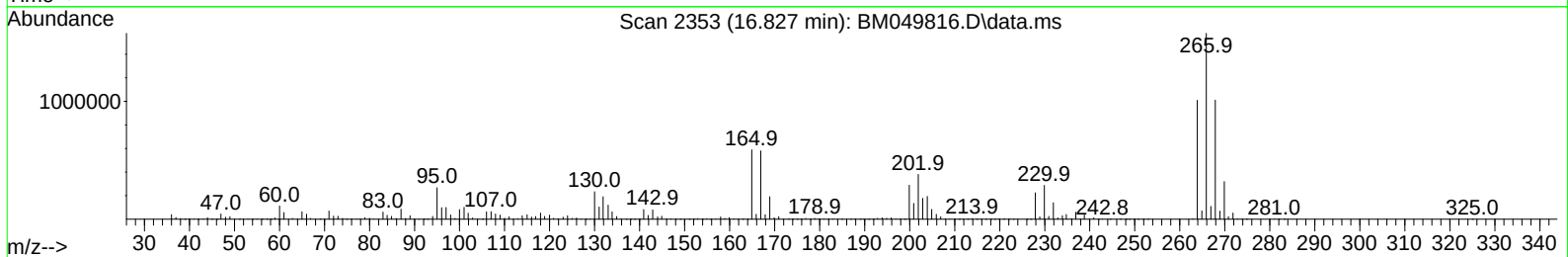
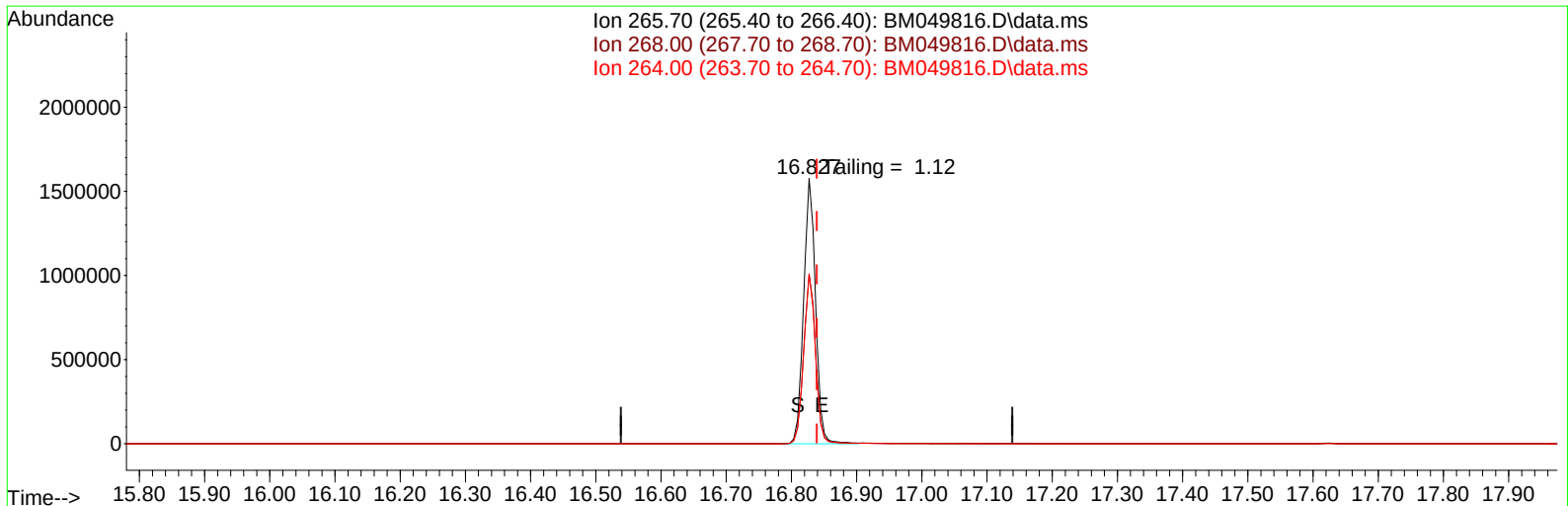
AutoFind: Scans 2487, 2488, 2489; Background Corrected with Scan 2479

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	19.3	308941	PASS
68	69	0.00	2	1.4	5486	PASS
69	198	0.00	100	23.7	379111	PASS
70	69	0.00	2	0.4	1513	PASS
127	198	10	80	31.5	503957	PASS
197	198	0.00	2	0.2	3827	PASS
198	198	100	100	100.0	1600512	PASS
199	198	5	9	6.7	107885	PASS
275	198	10	60	26.9	429739	PASS
365	198	1	100	3.4	55160	PASS
441	198	0.01	100	12.0	191573	PASS
442	442	50	100	100.0	1225131	PASS
443	442	15	24	19.5	239296	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049816.D
Acq On : 04 Apr 2025 08:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 04 12:21:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration



TIC: BM049816.D\data.ms

(70) Pentachlorophenol (C)

16.827min (-0.012) 278791.10 ng

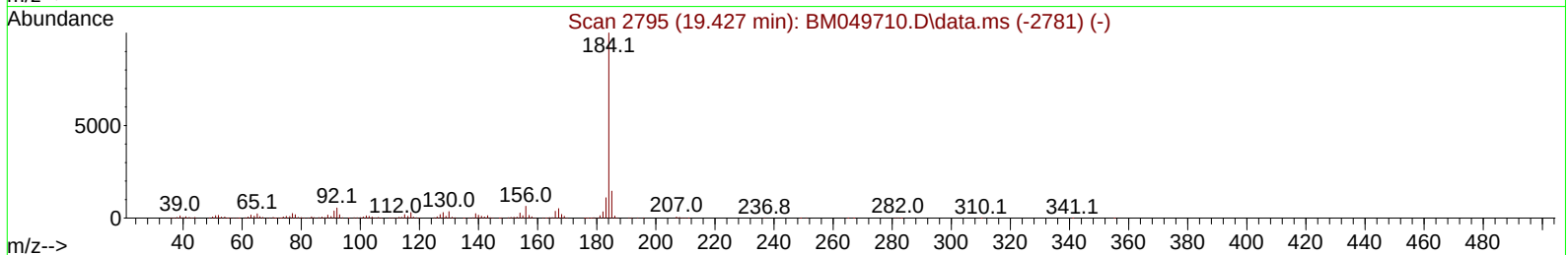
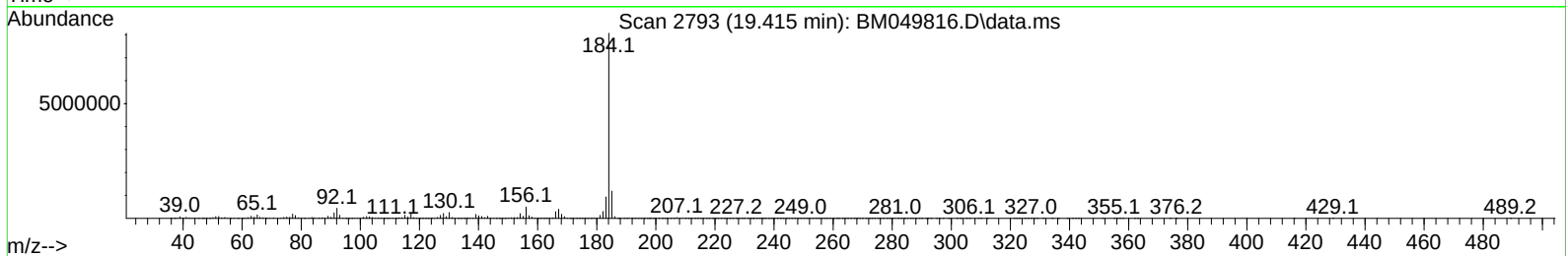
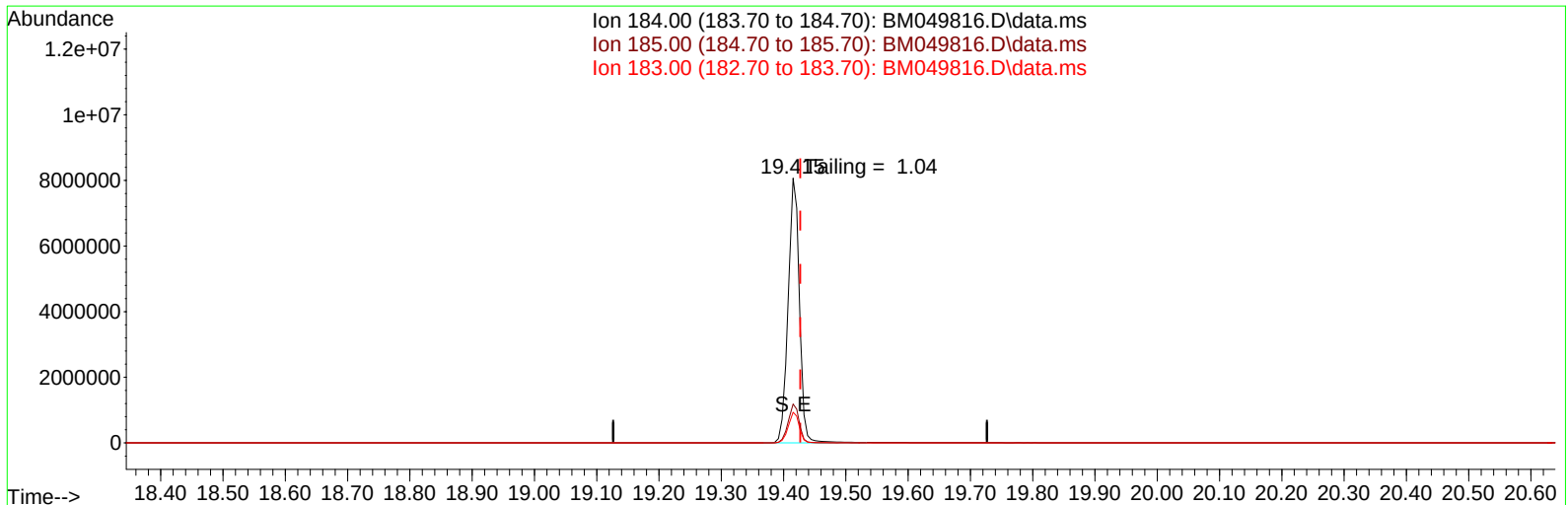
response 2006266

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.70	64.09
264.00	64.10	63.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049816.D
Acq On : 04 Apr 2025 08:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 04 12:21:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration



TIC: BM049816.D\data.ms

(77) Benzidine

19.415min (-0.012) 364848.31 ng

response 10256891

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.72
183.00	11.00	11.56
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/4/2025	BNA_M	<u>BM049816.D</u>
Compound Name	Response	Retention Time
DDT	5266388	20.65
DDD	53491	20.262
DDE	2681	19.709
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
56172	5322560	1.06

Instrument :
BNA_M
ClientSampleId :
DFTPP

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	
Project:	MTA Rockaway Park	Date Received:	
Client Sample ID:	PB167436BL	SDG No.:	Q1698
Lab Sample ID:	PB167436BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049818.D	1	04/03/25 09:25	04/04/25 11:17	PB167436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	0.023	U	0.023	0.17	mg/Kg
208-96-8	Acenaphthylene	0.029	U	0.029	0.17	mg/Kg
83-32-9	Acenaphthene	0.021	U	0.021	0.17	mg/Kg
86-73-7	Fluorene	0.025	U	0.025	0.17	mg/Kg
85-01-8	Phenanthrene	0.021	U	0.021	0.17	mg/Kg
120-12-7	Anthracene	0.033	U	0.033	0.17	mg/Kg
206-44-0	Fluoranthene	0.030	U	0.030	0.17	mg/Kg
129-00-0	Pyrene	0.036	U	0.036	0.17	mg/Kg
56-55-3	Benzo(a)anthracene	0.023	U	0.023	0.17	mg/Kg
218-01-9	Chrysene	0.020	U	0.020	0.17	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.019	U	0.019	0.17	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.022	U	0.022	0.17	mg/Kg
50-32-8	Benzo(a)pyrene	0.030	U	0.030	0.17	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.029	U	0.029	0.17	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.027	U	0.027	0.17	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.026	U	0.026	0.17	mg/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	101		18 - 107	101%	SPK: 100
321-60-8	2-Fluorobiphenyl	104		20 - 109	104%	SPK: 100
1718-51-0	Terphenyl-d14	128	*	10 - 105	128%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	411000		7.787		
1146-65-2	Naphthalene-d8	1390000		10.58		
15067-26-2	Acenaphthene-d10	844000		14.427		
1517-22-2	Phenanthrene-d10	1550000		17.168		
1719-03-5	Chrysene-d12	1260000		21.403		
1520-96-3	Perylene-d12	1280000		24.403		

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	
Project:	MTA Rockaway Park	Date Received:	
Client Sample ID:	PB167436BL	SDG No.:	Q1698
Lab Sample ID:	PB167436BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049818.D	1	04/03/25 09:25	04/04/25 11:17	PB167436

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\BM040425\
Data File : BM049818.D
Acq On : 04 Apr 2025 11:17
Operator : RC/JU
Sample : PB167436BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167436BL

Quant Time: Apr 04 12:01:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	411389	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1389933	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	844008	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1547901	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1260667	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1277571	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3778442	154.974	ng	-0.01
7) Phenol-d6	6.963	99	4545239	148.552	ng	-0.02
23) Nitrobenzene-d5	8.945	82	2727991	100.767	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1955686	198.436	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	6997158	103.827	ng	-0.02
79) Terphenyl-d14	19.797	244	9561220	127.804	ng	-0.01

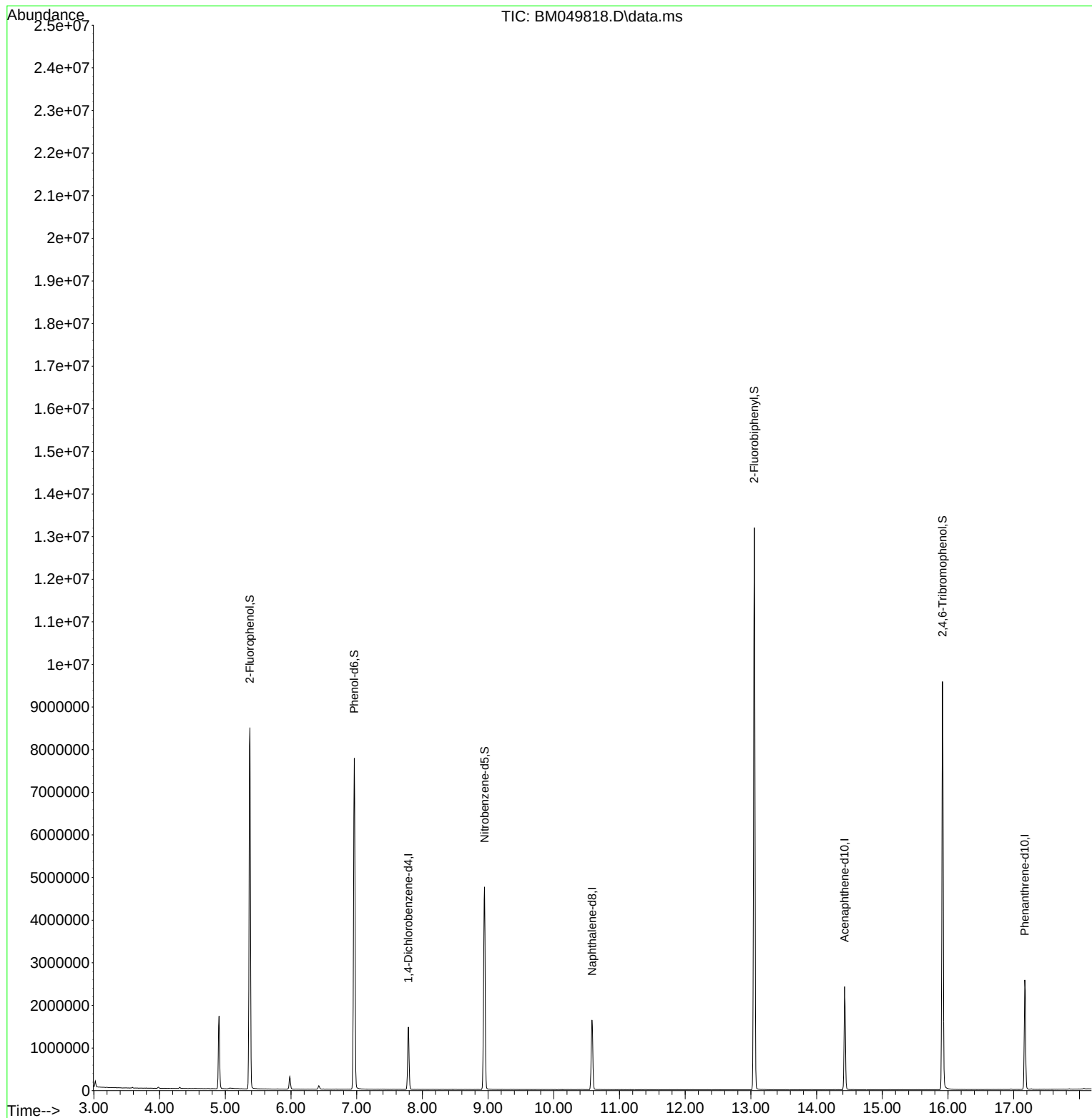
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049818.D
Acq On : 04 Apr 2025 11:17
Operator : RC/JU
Sample : PB167436BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167436BL

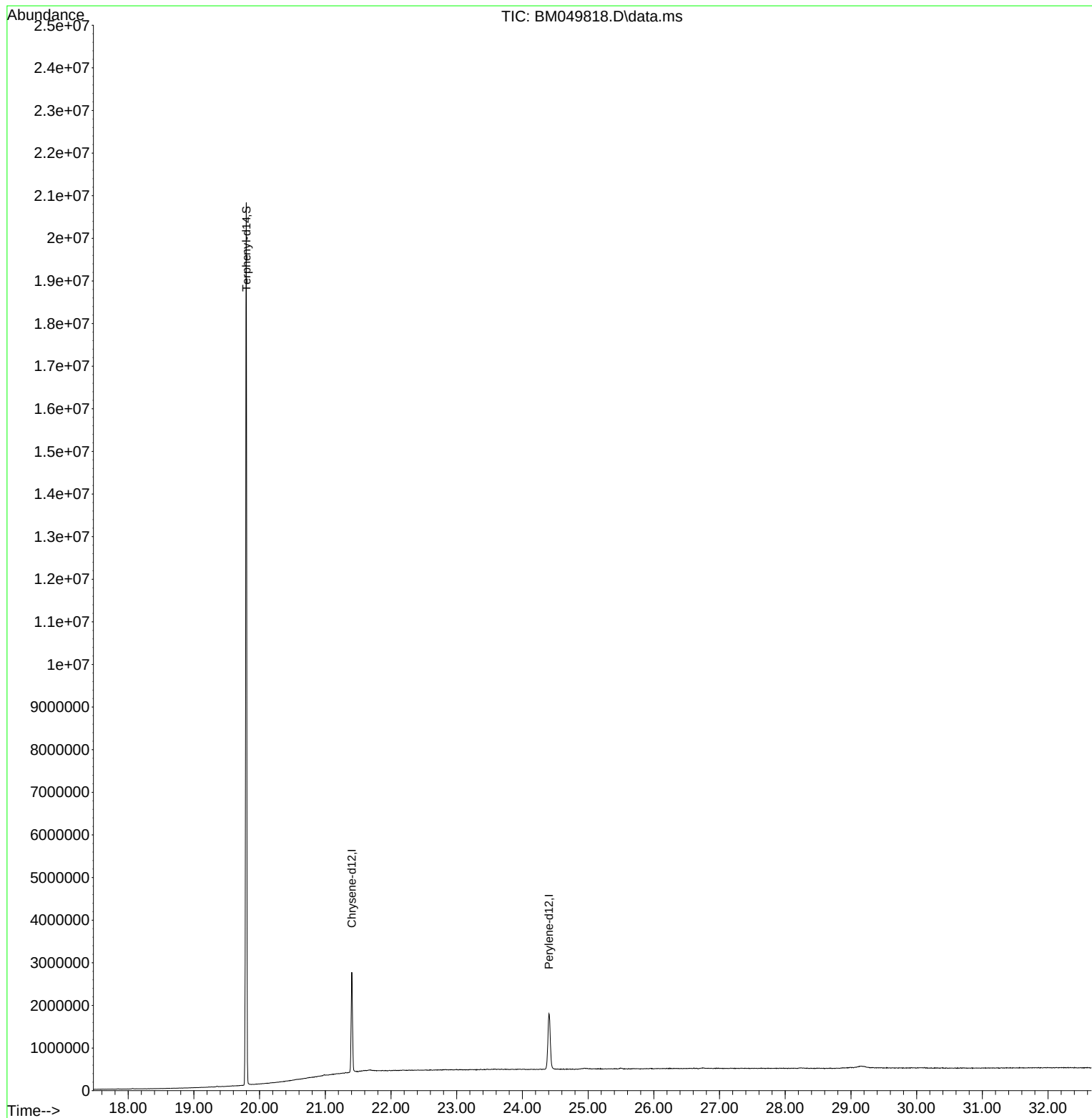
Quant Time: Apr 04 12:01:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

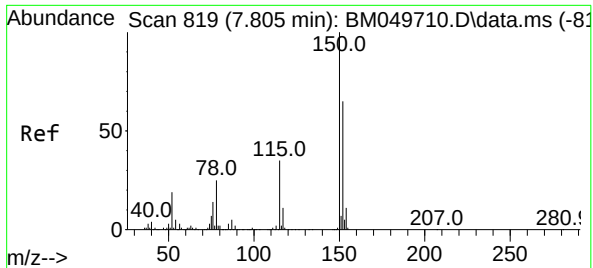


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049818.D
Acq On : 04 Apr 2025 11:17
Operator : RC/JU
Sample : PB167436BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167436BL

Quant Time: Apr 04 12:01:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

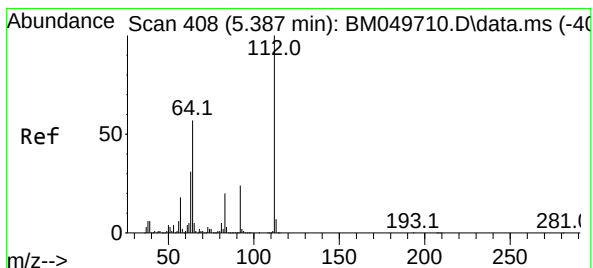
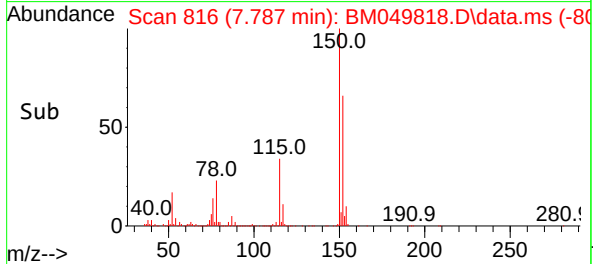
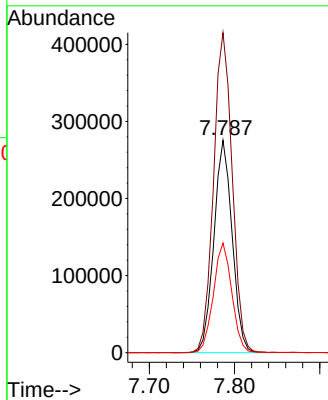
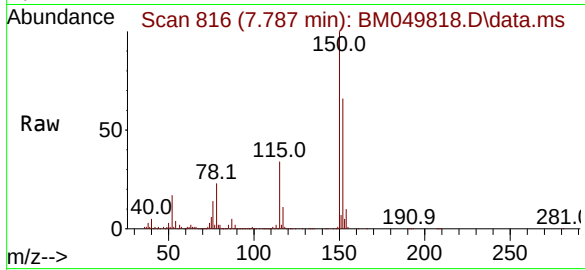




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

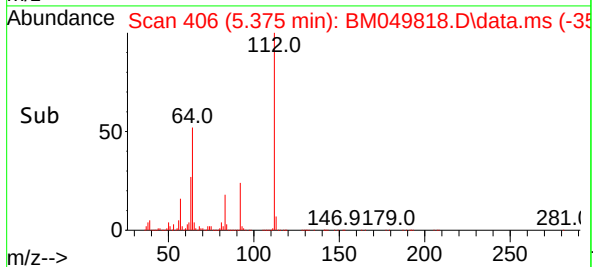
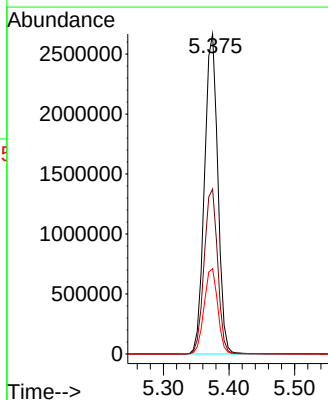
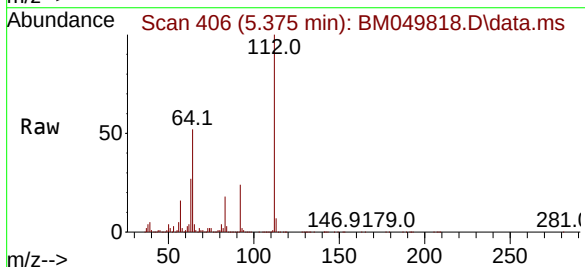
Instrument :
BNA_M
ClientSampleId :
PB167436BL

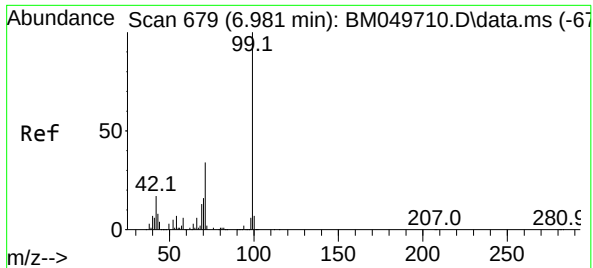
Tgt Ion:152 Resp: 411389
Ion Ratio Lower Upper
152 100
150 150.7 123.8 185.8
115 51.6 43.0 64.6



#5
2-Fluorophenol
Concen: 154.974 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

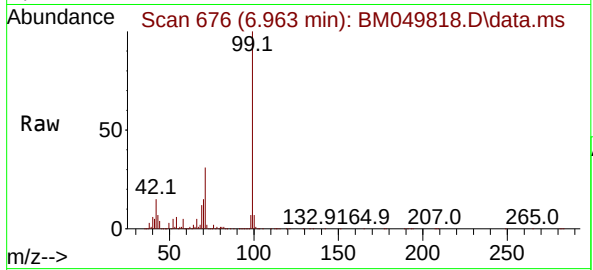
Tgt Ion:112 Resp: 3778442
Ion Ratio Lower Upper
112 100
64 51.5 45.3 67.9
63 26.7 24.4 36.6





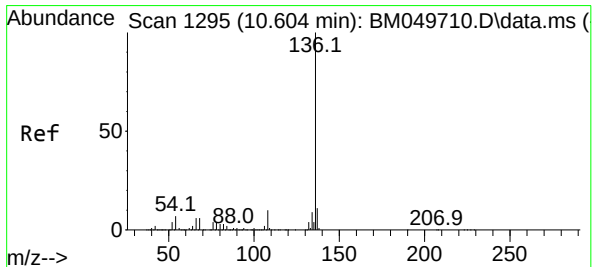
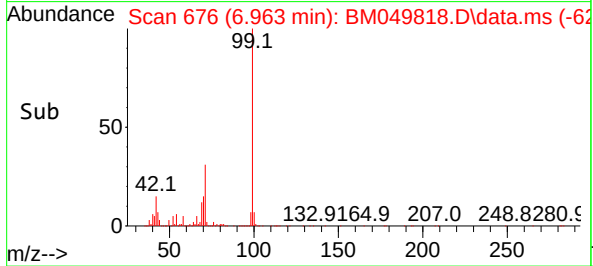
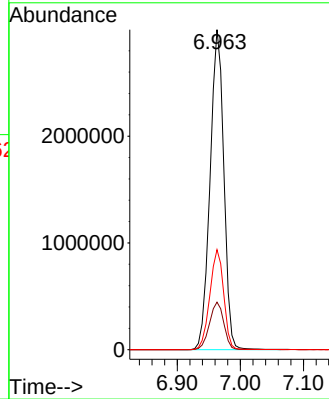
#7
Phenol-d6
Concen: 148.552 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

Instrument :
BNA_M
ClientSampleId :
PB167436BL



Tgt Ion: 99 Resp: 4545239

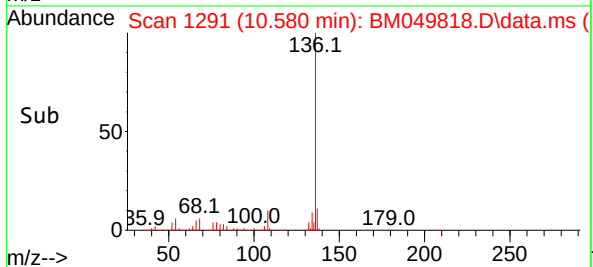
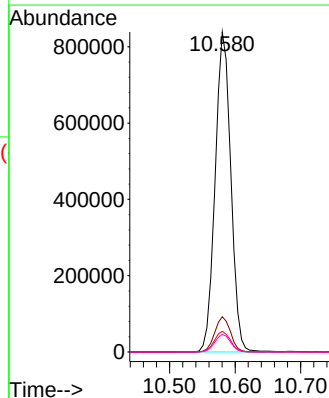
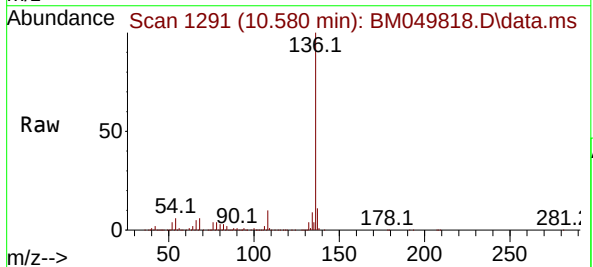
Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.6	20.4
71	31.3	27.0	40.6

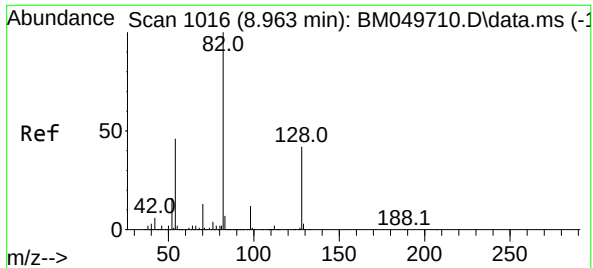


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

Tgt Ion: 136 Resp: 1389933

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.5	5.8	8.8
68	5.5	4.5	6.7

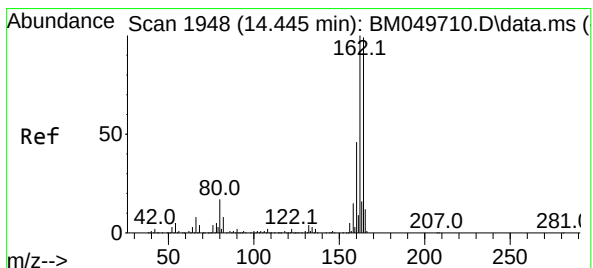
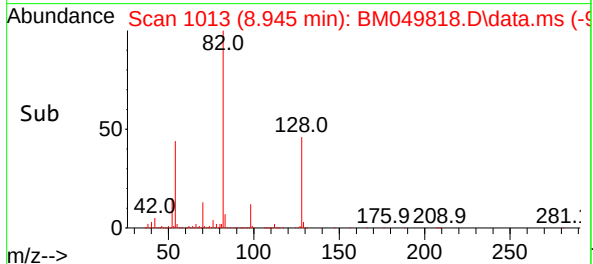
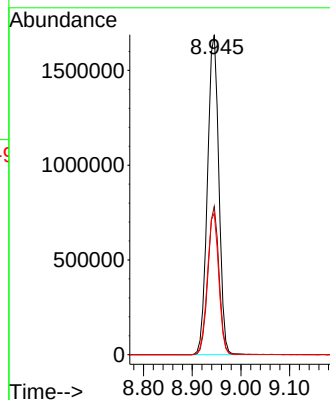
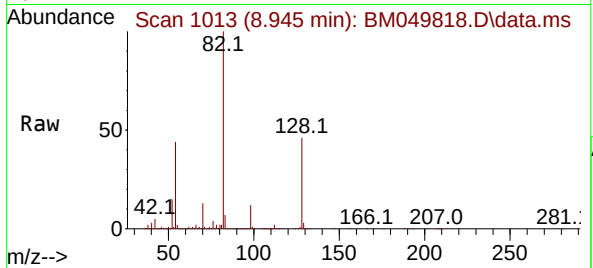




#23
Nitrobenzene-d5
Concen: 100.767 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

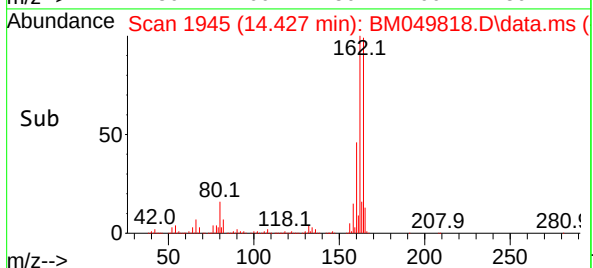
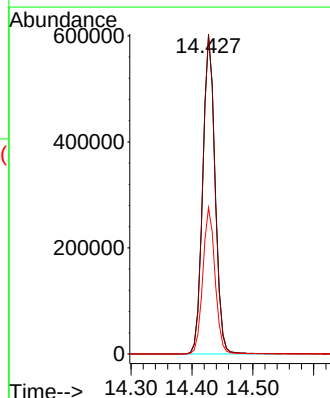
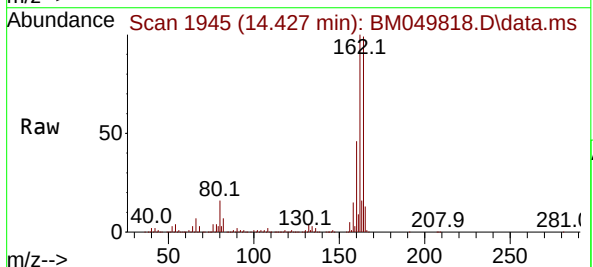
Instrument :
BNA_M
ClientSampleId :
PB167436BL

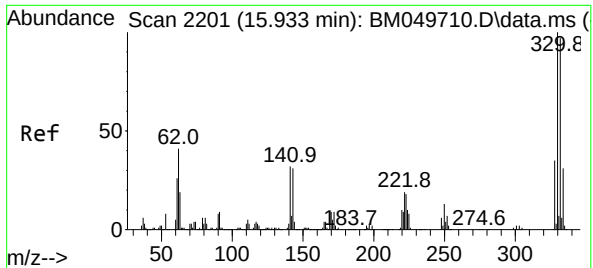
Tgt Ion: 82 Resp: 2727991
Ion Ratio Lower Upper
82 100
128 46.3 33.4 50.0
54 44.2 36.4 54.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

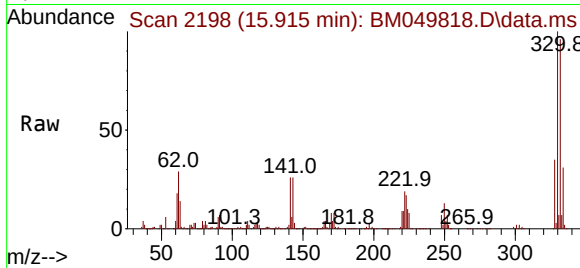
Tgt Ion: 164 Resp: 844008
Ion Ratio Lower Upper
164 100
162 100.6 80.5 120.7
160 46.0 36.9 55.3



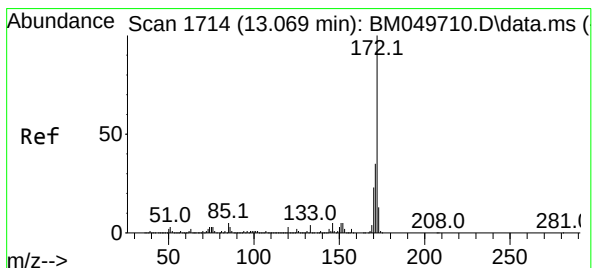
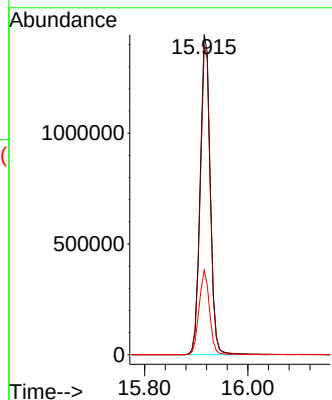
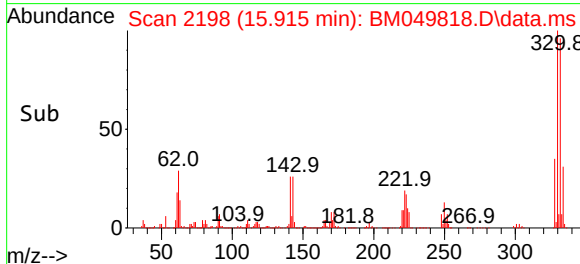


#42
2,4,6-Tribromophenol
Concen: 198.436 ng
RT: 15.915 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

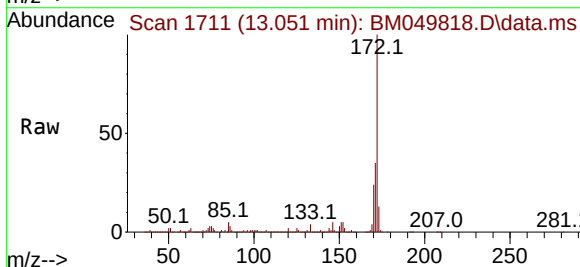
Instrument :
BNA_M
ClientSampleId :
PB167436BL



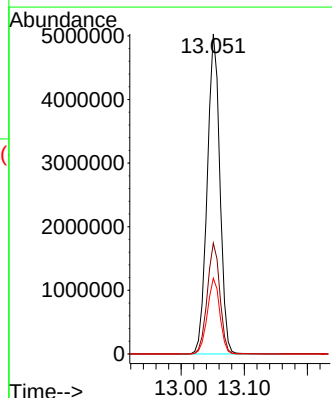
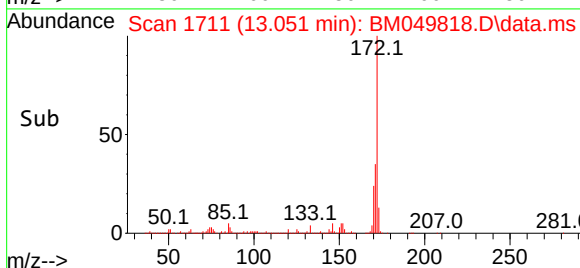
Tgt Ion:330 Resp: 1955686
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 27.4 27.8 41.6#

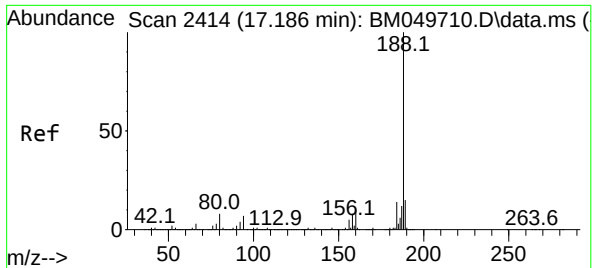


#45
2-Fluorobiphenyl
Concen: 103.827 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17



Tgt Ion:172 Resp: 6997158
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.6 18.6 28.0

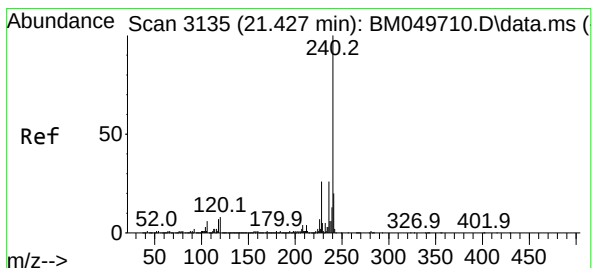
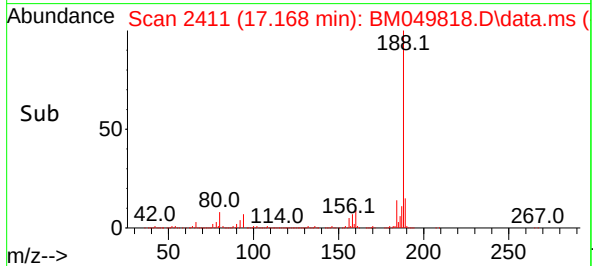
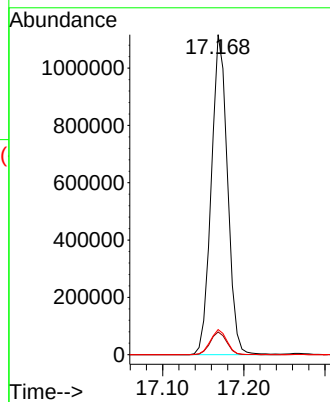
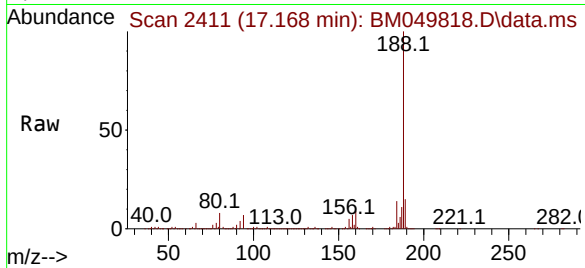




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

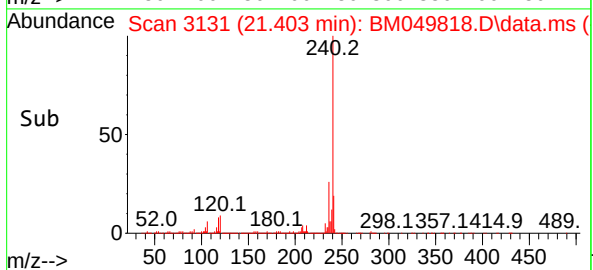
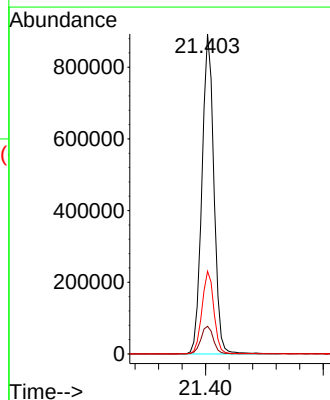
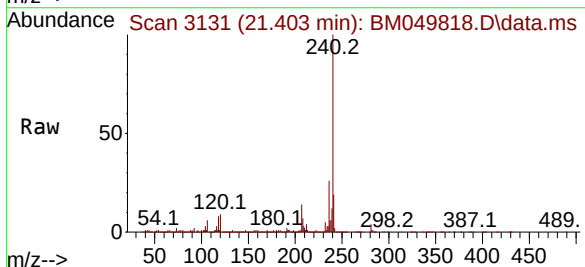
Instrument :
BNA_M
ClientSampleId :
PB167436BL

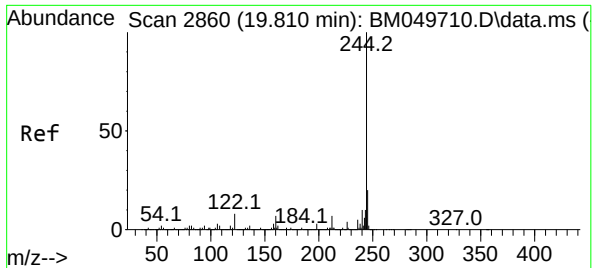
Tgt Ion:188 Resp: 1547901
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 7.8 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

Tgt Ion:240 Resp: 1260667
Ion Ratio Lower Upper
240 100
120 8.7 6.5 9.7
236 25.9 20.7 31.1

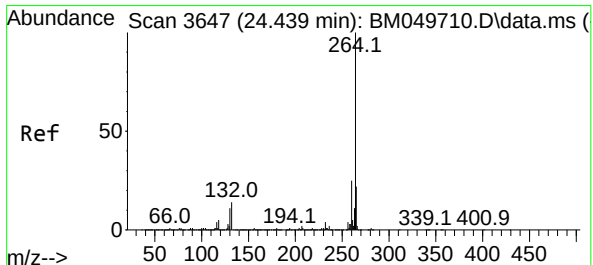
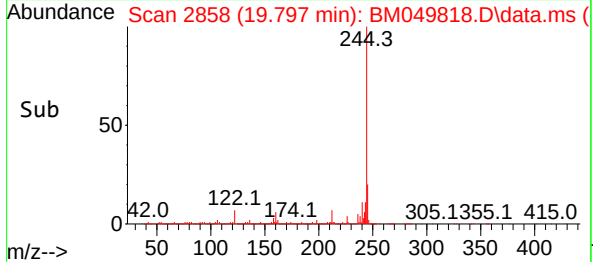
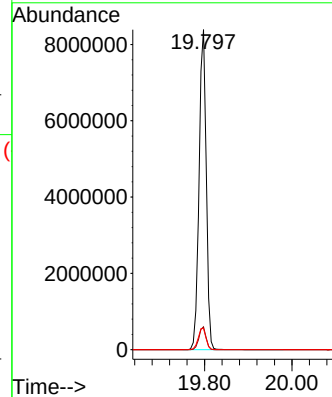
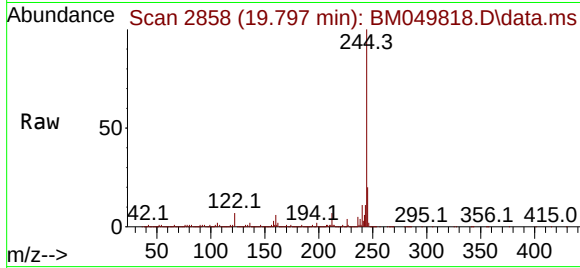




#79
Terphenyl-d14
Concen: 127.804 ng
RT: 19.797 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

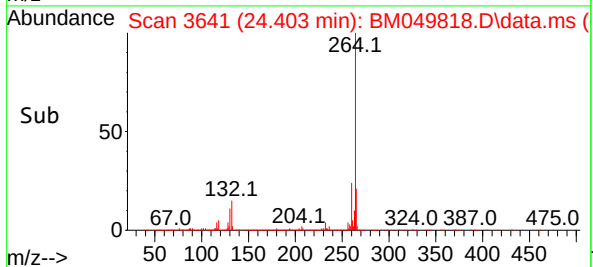
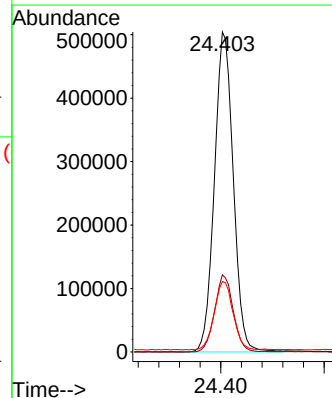
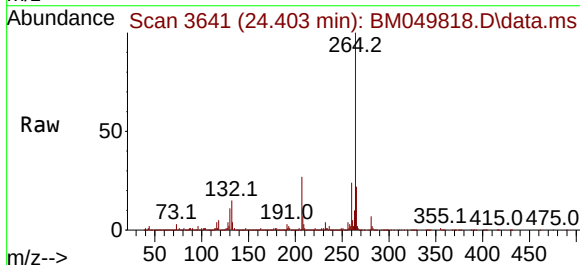
Instrument :
BNA_M
ClientSampleId :
PB167436BL

Tgt Ion:244 Resp: 9561220
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 6.6 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.036 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

Tgt Ion:264 Resp: 1277571
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 22.0 18.2 27.2



Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	
Project:	MTA Rockaway Park	Date Received:	
Client Sample ID:	PB167436BS	SDG No.:	Q1698
Lab Sample ID:	PB167436BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049819.D	1	04/03/25 09:25	04/04/25 11:56	PB167436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1.50		0.023	0.17	mg/Kg
208-96-8	Acenaphthylene	1.70		0.029	0.17	mg/Kg
83-32-9	Acenaphthene	1.50		0.021	0.17	mg/Kg
86-73-7	Fluorene	1.50		0.025	0.17	mg/Kg
85-01-8	Phenanthrene	1.60		0.021	0.17	mg/Kg
120-12-7	Anthracene	1.70		0.033	0.17	mg/Kg
206-44-0	Fluoranthene	1.60		0.030	0.17	mg/Kg
129-00-0	Pyrene	1.70		0.036	0.17	mg/Kg
56-55-3	Benzo(a)anthracene	1.70		0.023	0.17	mg/Kg
218-01-9	Chrysene	1.70		0.020	0.17	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.60		0.019	0.17	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.60		0.022	0.17	mg/Kg
50-32-8	Benzo(a)pyrene	1.80		0.030	0.17	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.70		0.029	0.17	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.60		0.027	0.17	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.60		0.026	0.17	mg/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	88.0		18 - 107	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.9		20 - 109	90%	SPK: 100
1718-51-0	Terphenyl-d14	105		10 - 105	105%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	401000	7.787			
1146-65-2	Naphthalene-d8	1350000	10.58			
15067-26-2	Acenaphthene-d10	818000	14.433			
1517-22-2	Phenanthrene-d10	1500000	17.168			
1719-03-5	Chrysene-d12	1350000	21.409			
1520-96-3	Perylene-d12	1310000	24.409			

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	
Project:	MTA Rockaway Park	Date Received:	
Client Sample ID:	PB167436BS	SDG No.:	Q1698
Lab Sample ID:	PB167436BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049819.D	1	04/03/25 09:25	04/04/25 11:56	PB167436

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\BM040425\
 Data File : BM049819.D
 Acq On : 04 Apr 2025 11:56
 Operator : RC/JU
 Sample : PB167436BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB167436BS

Manual Integrations**APPROVED**

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 12:30:35 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 13 14:55:34 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	400596	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1349919	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	818489	20.000	ng	-0.01
64) Phenanthrene-d10	17.168	188	1501690	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1349007	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1305543	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3310949	139.458	ng	-0.01
7) Phenol-d6	6.963	99	3951990	132.642	ng	-0.02
23) Nitrobenzene-d5	8.945	82	2312675	87.959	ng	-0.02
42) 2,4,6-Tribromophenol	15.921	330	1691760	177.009	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	5874284	89.883	ng	-0.02
79) Terphenyl-d14	19.797	244	8389745	104.801	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	388089	37.761	ng	97
3) Pyridine	3.669	79	1084680	41.325	ng	96
4) n-Nitrosodimethylamine	3.575	42	458481	39.478	ng	91
6) Aniline	7.110	93	879673	35.241	ng	99
8) 2-Chlorophenol	7.357	128	1147232	48.796	ng	96
9) Benzaldehyde	6.922	77	587124	39.862	ng	96
10) Phenol	6.992	94	1364467	47.230	ng	93
11) bis(2-Chloroethyl)ether	7.210	93	1074345	45.923	ng	98
12) 1,3-Dichlorobenzene	7.675	146	1363420	47.719	ng	97
13) 1,4-Dichlorobenzene	7.822	146	1370781	47.556	ng	98
14) 1,2-Dichlorobenzene	8.139	146	1312164	47.900	ng	98
15) Benzyl Alcohol	8.028	79	885696	47.370	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.310	45	1262300m	45.908	ng	
17) 2-Methylphenol	8.234	107	867727	50.591	ng	97
18) Hexachloroethane	8.869	117	480618	47.217	ng	92
19) n-Nitroso-di-n-propyla...	8.598	70	776946	44.971	ng	95
20) 3+4-Methylphenols	8.563	107	1153991	50.205	ng	98
22) Acetophenone	8.610	105	1564246	44.941	ng	97
24) Nitrobenzene	8.986	77	1117968	45.094	ng	95
25) Isophorone	9.516	82	2055786	50.925	ng	98
26) 2-Nitrophenol	9.698	139	582468	55.199	ng	93
27) 2,4-Dimethylphenol	9.763	122	956875	71.241	ng	95
28) bis(2-Chloroethoxy)met...	9.992	93	1311154	46.115	ng	99
29) 2,4-Dichlorophenol	10.233	162	1085044	49.576	ng	96
30) 1,2,4-Trichlorobenzene	10.445	180	1279009	46.708	ng	99
31) Naphthalene	10.633	128	3168557	45.648	ng	100
32) Benzoic acid	9.898	122	668485m	58.521	ng	
33) 4-Chloroaniline	10.739	127	453914	19.161	ng	98
34) Hexachlorobutadiene	10.922	225	807104	47.745	ng	98
35) Caprolactam	11.527	113	273273	53.780	ng	95
36) 4-Chloro-3-methylphenol	11.874	107	925245	49.262	ng	100
37) 2-Methylnaphthalene	12.245	142	2052837	42.294	ng	99
38) 1-Methylnaphthalene	12.469	142	2143822	45.780	ng	99
40) 1,2,4,5-Tetrachloroben...	12.621	216	1412989	46.998	ng	98
41) Hexachlorocyclopentadiene	12.604	237	2183164	196.010	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	869712	51.651	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049819.D
 Acq On : 04 Apr 2025 11:56
 Operator : RC/JU
 Sample : PB167436BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167436BS

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
 Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 12:30:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	929909	50.608	ng	99
46) 1,1'-Biphenyl	13.263	154	2909701	46.126	ng	99
47) 2-Chloronaphthalene	13.304	162	2308163	47.009	ng	99
48) 2-Nitroaniline	13.504	65	537947	48.805	ng	92
49) Acenaphthylene	14.151	152	3559549	51.864	ng	99
50) Dimethylphthalate	13.886	163	2678782	47.536	ng	100
51) 2,6-Dinitrotoluene	14.004	165	567248	50.237	ng	89
52) Acenaphthene	14.492	154	2085072	46.316	ng	99
53) 3-Nitroaniline	14.327	138	230138	21.418	ng	97
54) 2,4-Dinitrophenol	14.539	184	727360	94.350	ng	90
55) Dibenzofuran	14.827	168	3316858	44.216	ng	98
56) 4-Nitrophenol	14.651	139	1015766	108.604	ng	88
57) 2,4-Dinitrotoluene	14.792	165	785062	54.033	ng	94
58) Fluorene	15.480	166	2790132	45.683	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	768275	49.950	ng	98
60) Diethylphthalate	15.257	149	2513172	47.352	ng	98
61) 4-Chlorophenyl-phenyle...	15.474	204	1522965	45.664	ng	99
62) 4-Nitroaniline	15.492	138	539975	42.688	ng	92
63) Azobenzene	15.768	77	2190312	43.206	ng	94
65) 4,6-Dinitro-2-methylph...	15.557	198	434115	51.997	ng	97
66) n-Nitrosodiphenylamine	15.686	169	2291375	50.362	ng	98
67) 4-Bromophenyl-phenylether	16.368	248	869131	50.129	ng	96
68) Hexachlorobenzene	16.486	284	983982	50.469	ng	96
69) Atrazine	16.639	200	804116	80.195	ng	100
70) Pentachlorophenol	16.827	266	1402990	114.507	ng	98
71) Phenanthrene	17.215	178	4083770	48.975	ng	100
72) Anthracene	17.304	178	4168596	51.621	ng	100
73) Carbazole	17.574	167	3715066	50.798	ng	99
74) Di-n-butylphthalate	18.145	149	4225661	52.717	ng	99
75) Fluoranthene	19.227	202	4720250	49.169	ng	100
77) Benzidine	19.409	184	1640274	101.208	ng	100
78) Pyrene	19.592	202	4850230	51.462	ng	100
80) Butylbenzylphthalate	20.492	149	1776453	60.735	ng	97
81) Benzo(a)anthracene	21.392	228	4605146	51.109	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	871157	29.696	ng	100
83) Chrysene	21.450	228	4254284	49.808	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2634928	57.804	ng	98
85) Di-n-octyl phthalate	22.450	149	4354676	61.464	ng	97
87) Indeno(1,2,3-cd)pyrene	27.797	276	4692116	49.934	ng	99
88) Benzo(b)fluoranthene	23.462	252	4127442	46.939	ng	98
89) Benzo(k)fluoranthene	23.527	252	4200333	48.545	ng	99
90) Benzo(a)pyrene	24.268	252	3948054	53.453	ng	100
91) Dibenzo(a,h)anthracene	27.856	278	3862081	49.331	ng	99
92) Benzo(g,h,i)perylene	28.856	276	3685691	46.738	ng	99

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

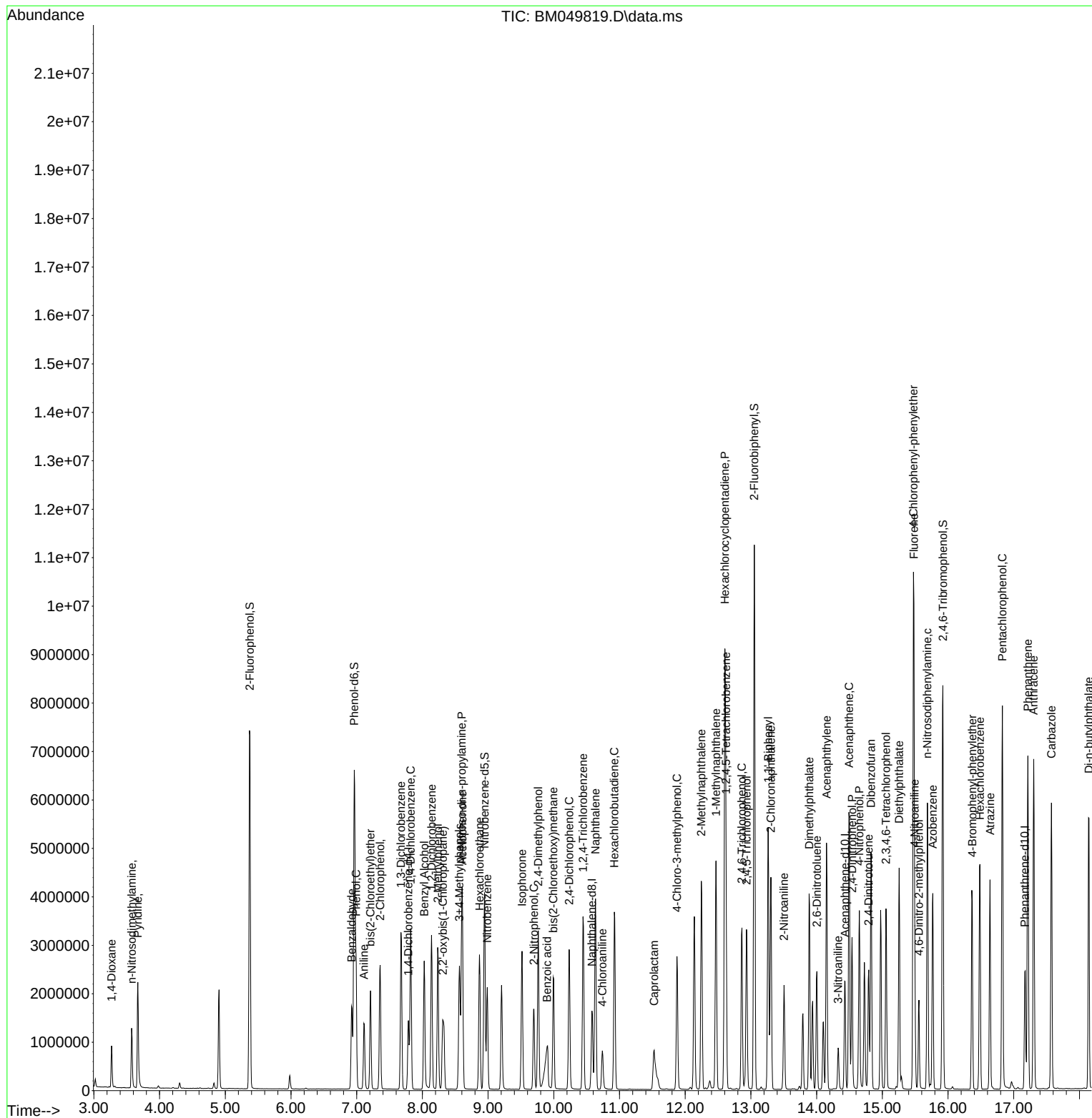
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049819.D
 Acq On : 04 Apr 2025 11:56
 Operator : RC/JU
 Sample : PB167436BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167436BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/07/2025
 Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 12:30:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration



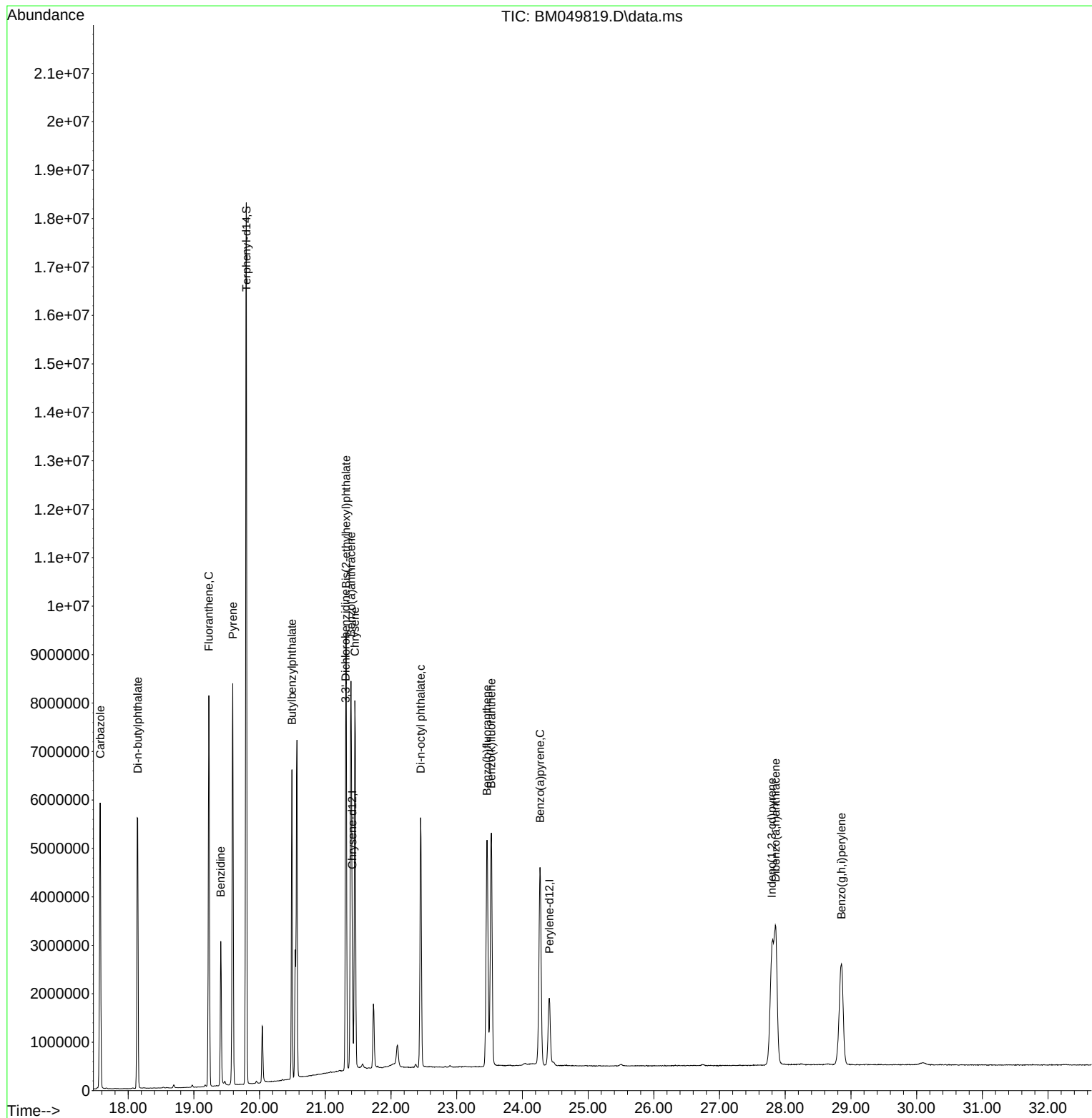
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049819.D
Acq On : 04 Apr 2025 11:56
Operator : RC/JU
Sample : PB167436BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

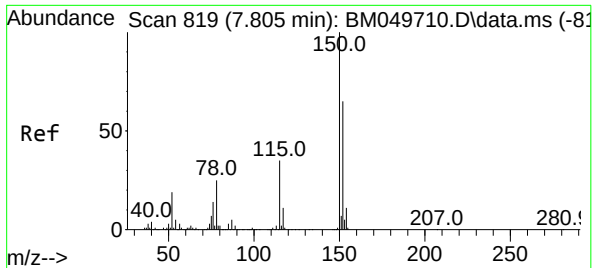
Instrument :
BNA_M
ClientSampleId :
PB167436BS

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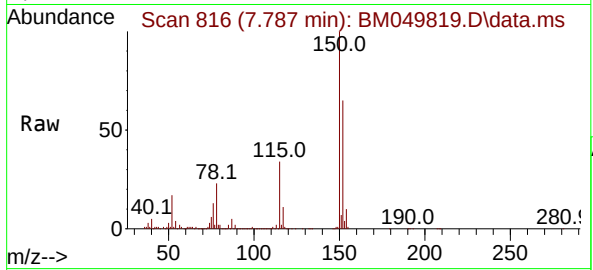
Quant Time: Apr 04 12:30:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

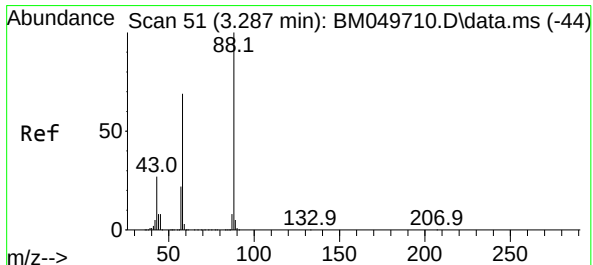
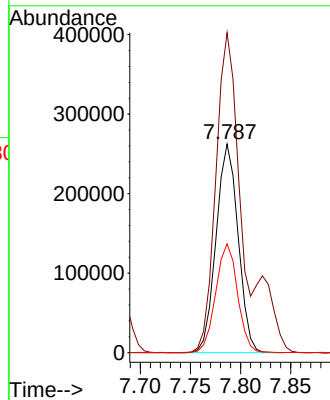
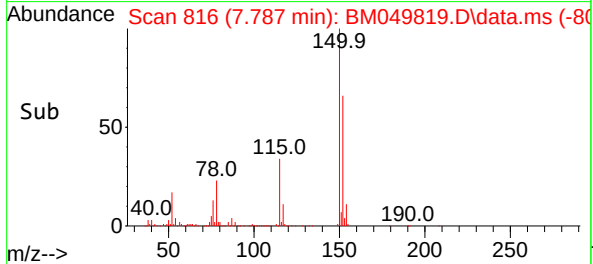
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:152 Resp: 400590
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.8
115 52.2 43.0 64.6

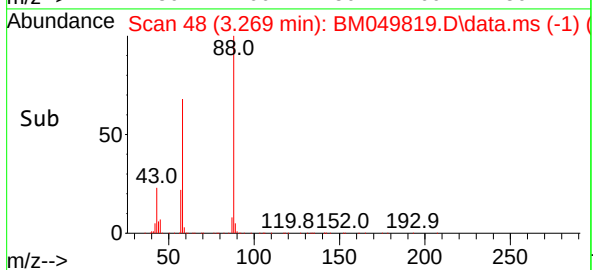
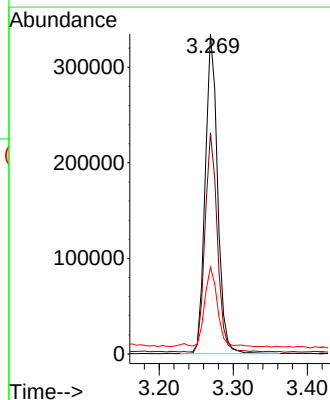
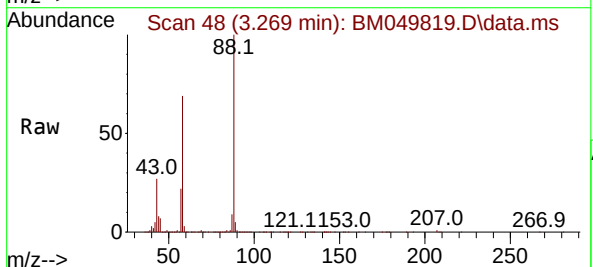
Manual Integrations
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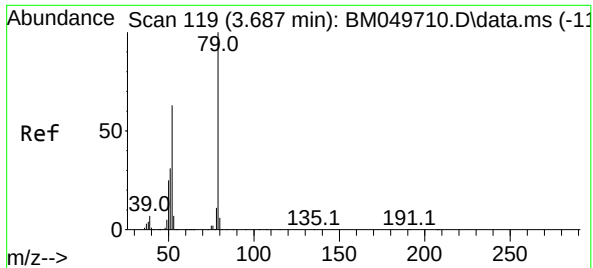
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#2
1,4-Dioxane
Concen: 37.761 ng
RT: 3.269 min Scan# 48
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

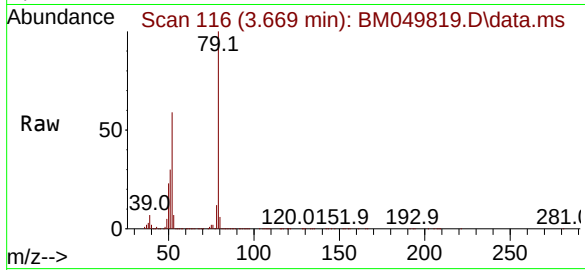
Tgt Ion: 88 Resp: 388089
Ion Ratio Lower Upper
88 100
58 68.5 56.7 85.1
43 26.5 22.6 34.0





#3
Pyridine
Concen: 41.325 ng
RT: 3.669 min Scan# 119
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

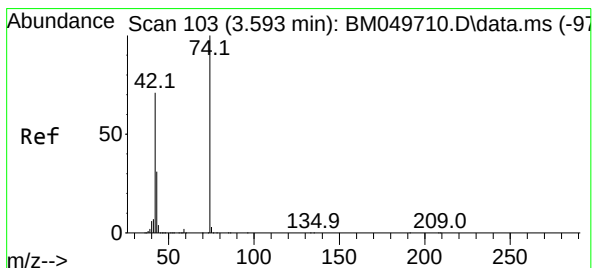
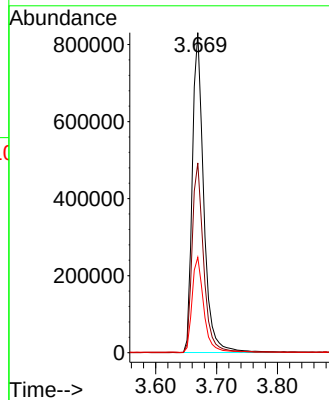
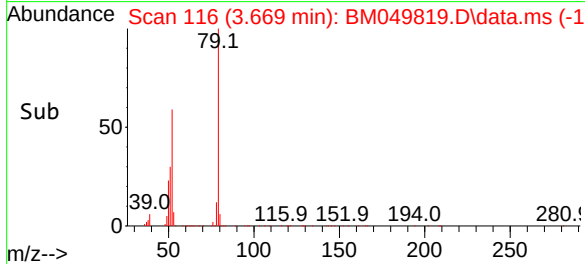
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion: 79 Resp: 1084680
Ion Ratio Lower Upper
79 100
52 59.3 50.1 75.1
51 29.8 25.2 37.8

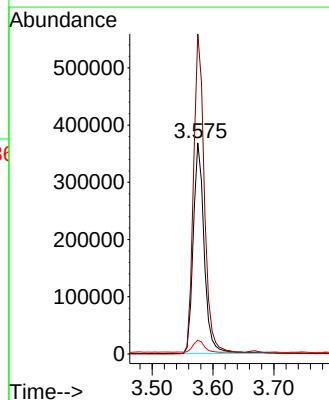
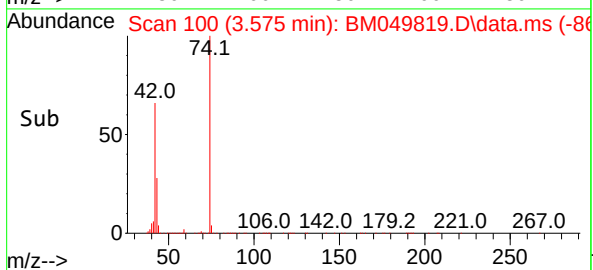
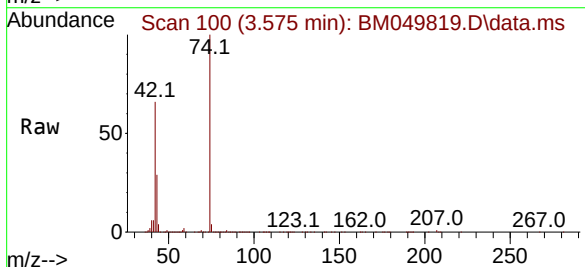
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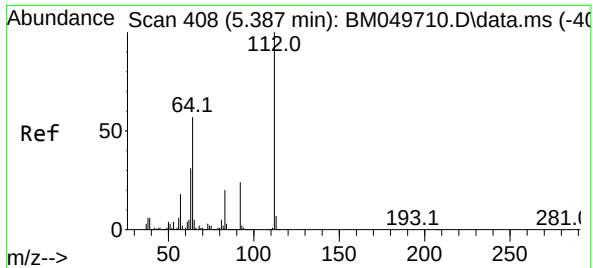
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#4
n-Nitrosodimethylamine
Concen: 39.478 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

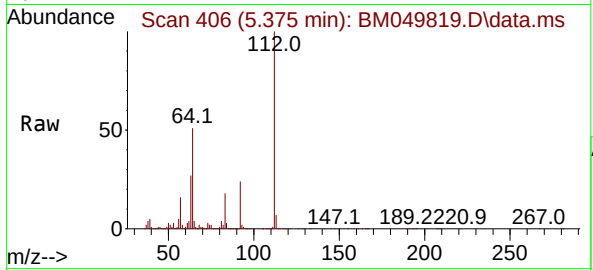
Tgt Ion: 42 Resp: 458481
Ion Ratio Lower Upper
42 100
74 151.6 112.6 168.8
44 6.5 5.0 7.6





#5
2-Fluorophenol
Concen: 139.458 ng
RT: 5.375 min Scan# 408
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

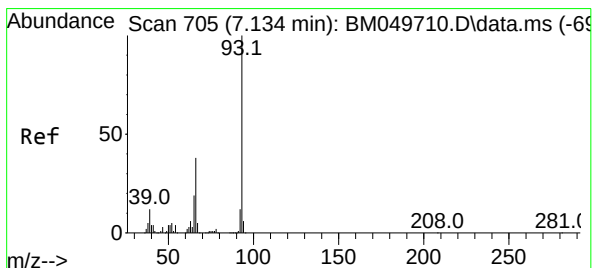
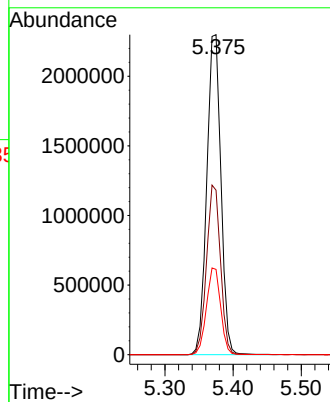
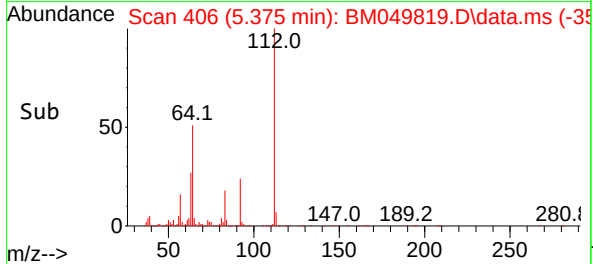
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion: 112 Resp: 3310949
Ion Ratio Lower Upper
112 100
64 51.4 45.3 67.9
63 26.7 24.4 36.6

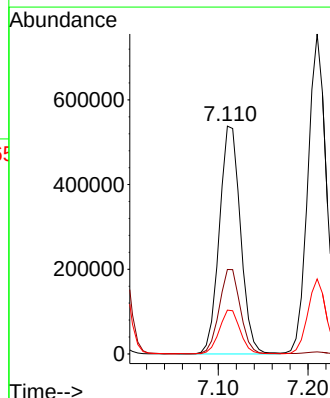
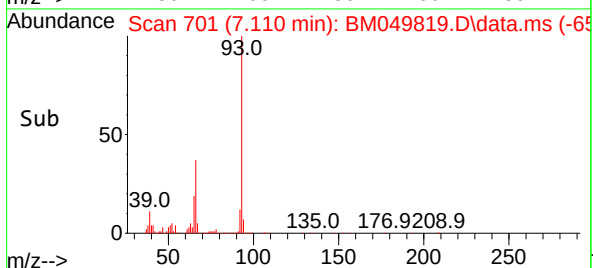
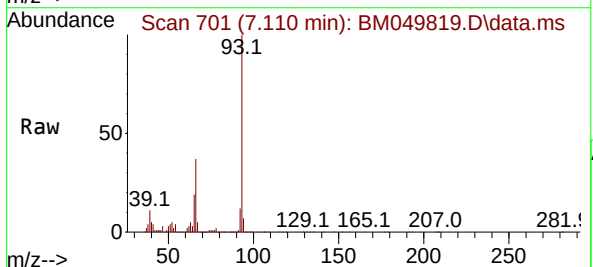
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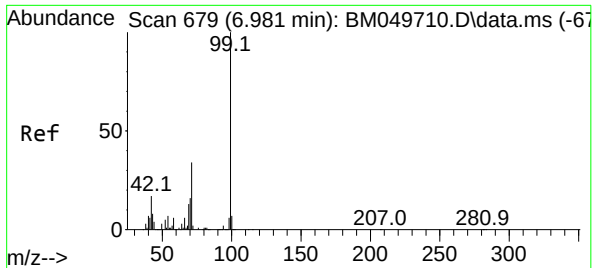
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#6
Aniline
Concen: 35.241 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

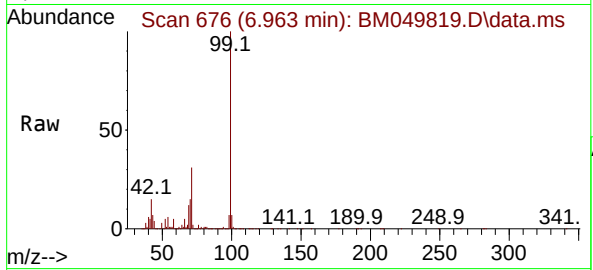
Tgt Ion: 93 Resp: 879673
Ion Ratio Lower Upper
93 100
66 37.1 30.6 46.0
65 19.2 15.4 23.2





#7
Phenol-d6
Concen: 132.642 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

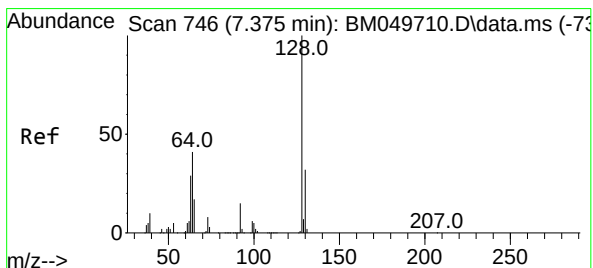
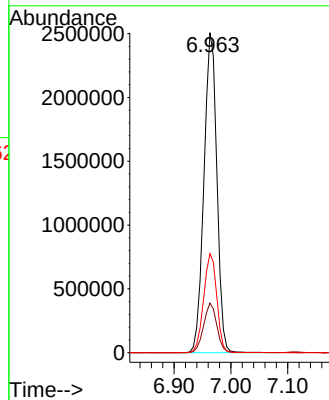
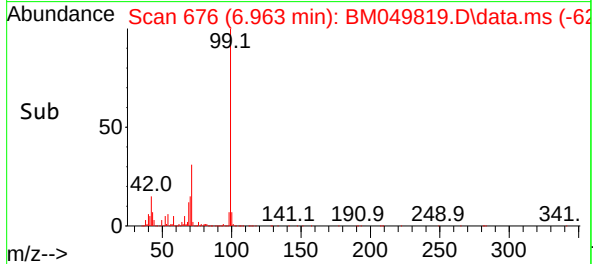
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion: 99 Resp: 3951990
Ion Ratio Lower Upper
99 100
42 15.5 13.6 20.4
71 31.0 27.0 40.6

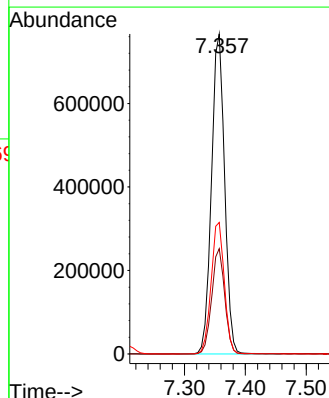
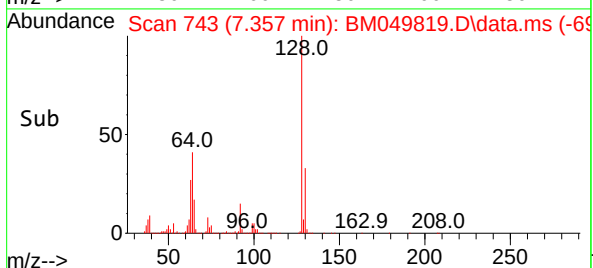
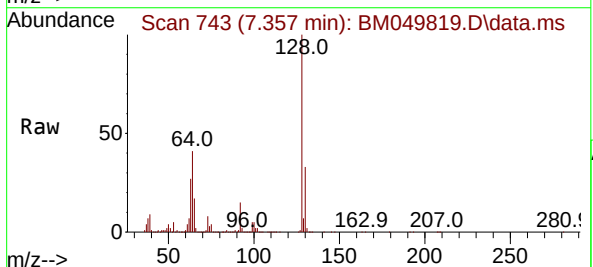
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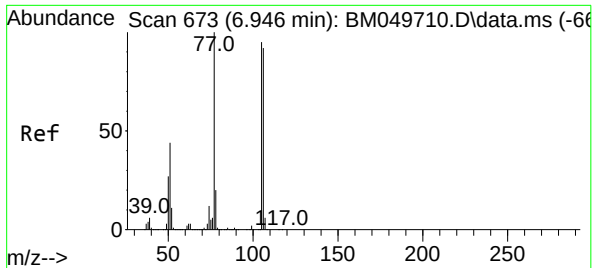
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#8
2-Chlorophenol
Concen: 48.796 ng
RT: 7.357 min Scan# 743
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:128 Resp: 1147232
Ion Ratio Lower Upper
128 100
130 32.9 12.5 52.5
64 41.1 24.9 64.9





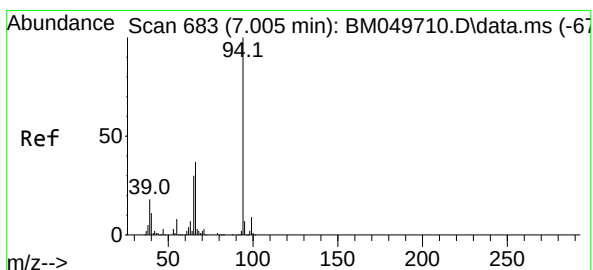
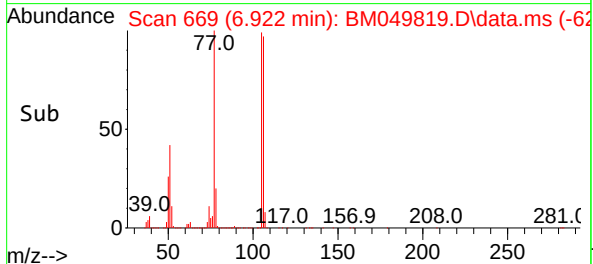
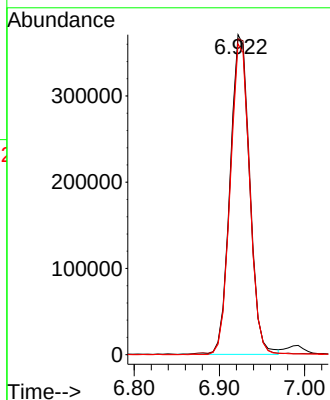
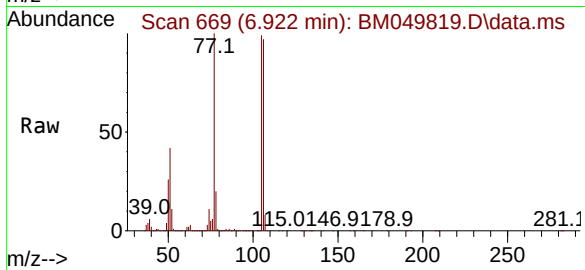
#9
Benzaldehyde
Concen: 39.862 ng
RT: 6.922 min Scan# 609
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Instrument :
BNA_M
ClientSampleId :
PB167436BS

Tgt Ion: 77 Resp: 587124
Ion Ratio Lower Upper
77 100
105 98.8 75.0 115.0
106 97.1 72.3 112.3

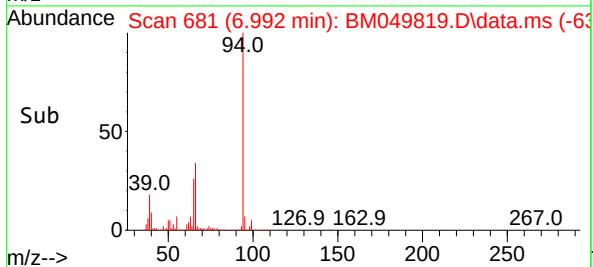
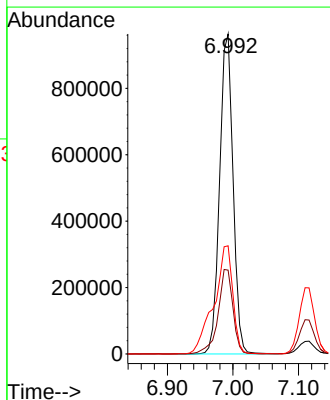
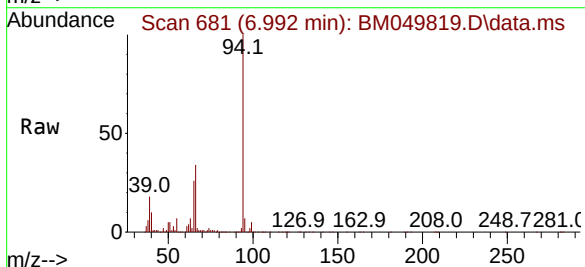
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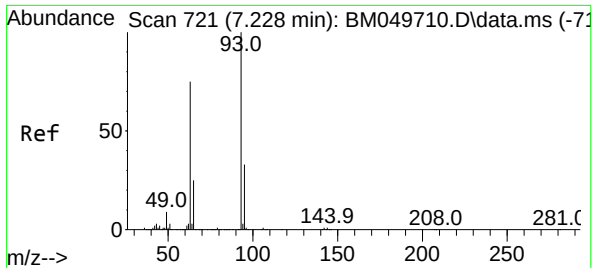
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#10
Phenol
Concen: 47.230 ng
RT: 6.992 min Scan# 681
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

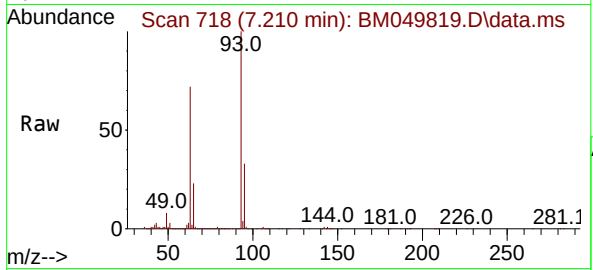
Tgt Ion: 94 Resp: 1364467
Ion Ratio Lower Upper
94 100
65 26.2 10.4 50.4
66 33.8 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 45.923 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

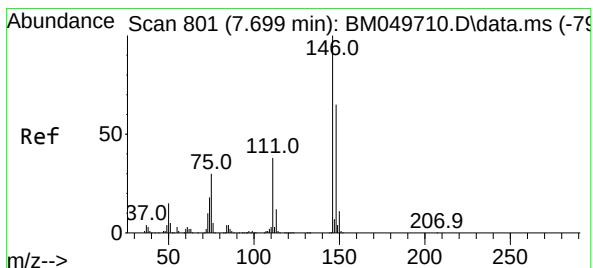
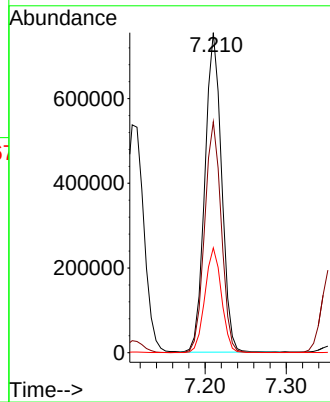
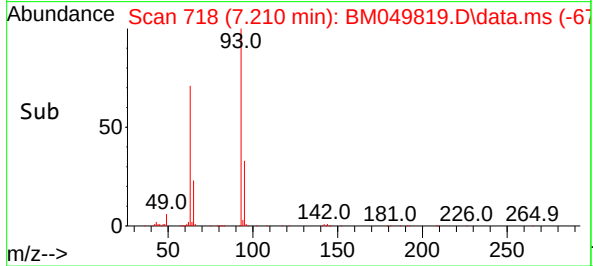
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion: 93 Resp: 107434
Ion Ratio Lower Upper
93 100
63 72.2 54.8 94.8
95 32.7 12.8 52.8

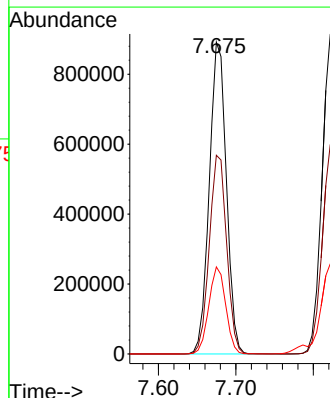
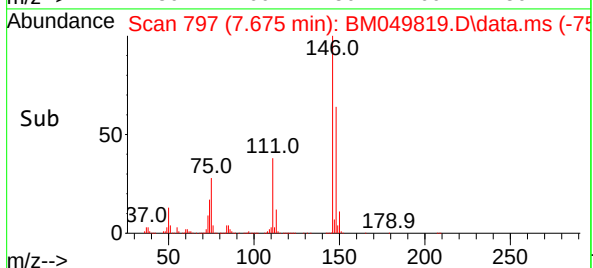
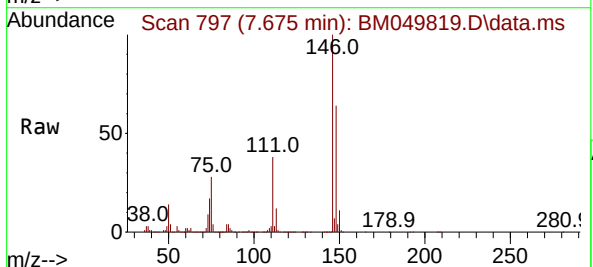
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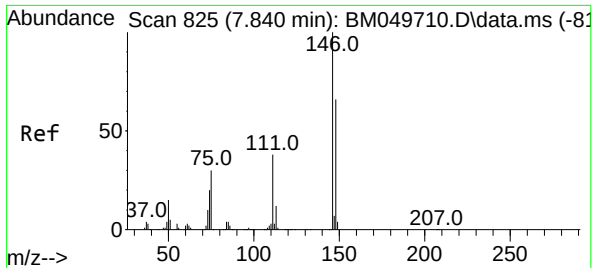
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#12
1,3-Dichlorobenzene
Concen: 47.719 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:146 Resp: 1363420
Ion Ratio Lower Upper
146 100
148 63.7 52.3 78.5
75 27.9 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 47.556 ng

RT: 7.822 min Scan# 81

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

Tgt Ion:146 Resp: 137078

Ion Ratio Lower Upper

146 100

148 65.5 52.6 79.0

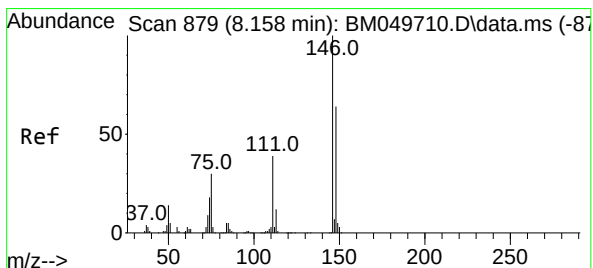
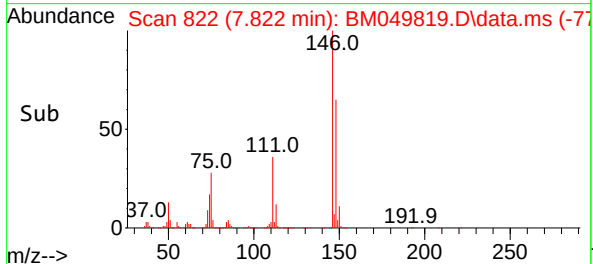
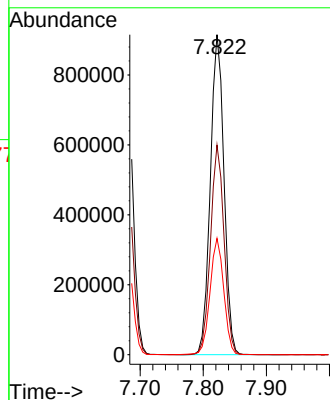
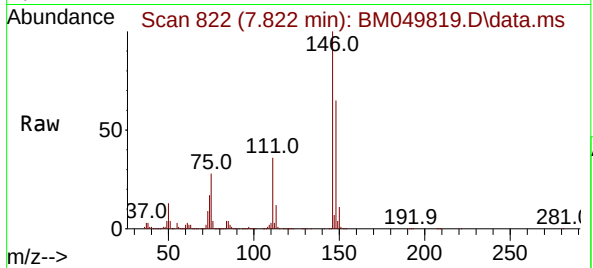
111 36.4 30.8 46.2

Manual Integrations

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Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#14

1,2-Dichlorobenzene

Concen: 47.900 ng

RT: 8.139 min Scan# 876

Delta R.T. -0.018 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

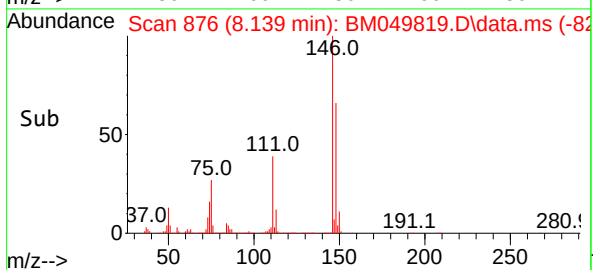
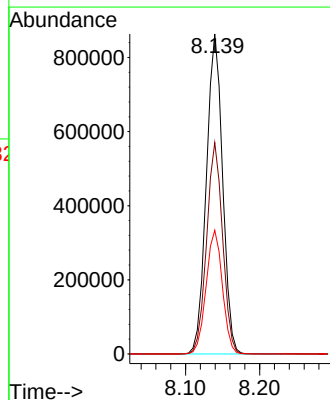
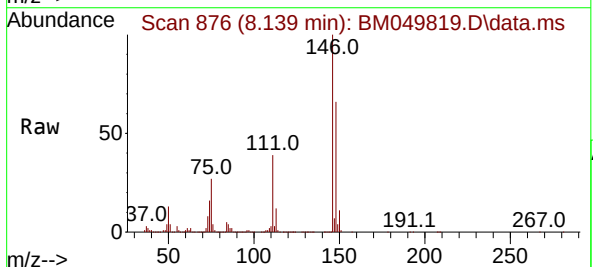
Tgt Ion:146 Resp: 1312164

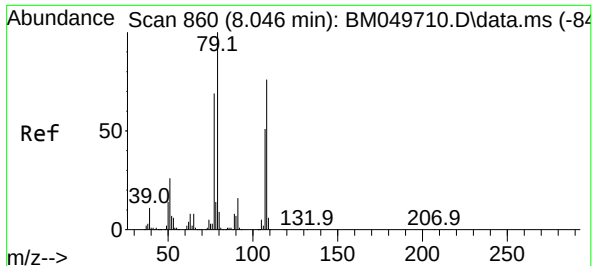
Ion Ratio Lower Upper

146 100

148 66.1 50.9 76.3

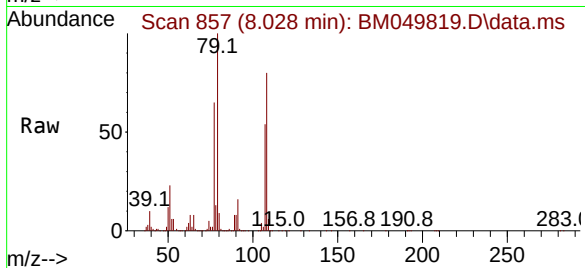
111 38.6 31.0 46.6





#15
Benzyl Alcohol
Concen: 47.370 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

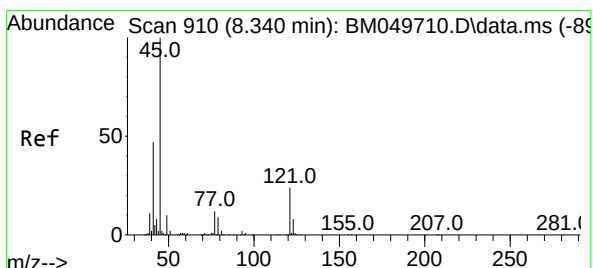
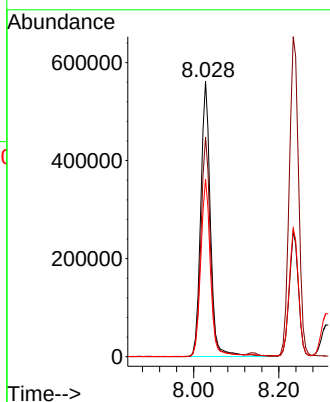
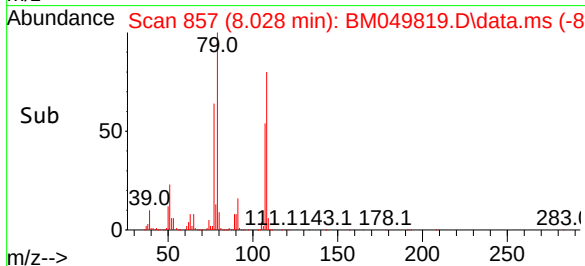
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion: 79 Resp: 885690
Ion Ratio Lower Upper
79 100
108 79.8 60.7 91.1
77 64.5 55.4 83.2

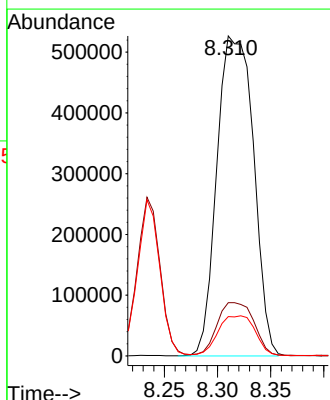
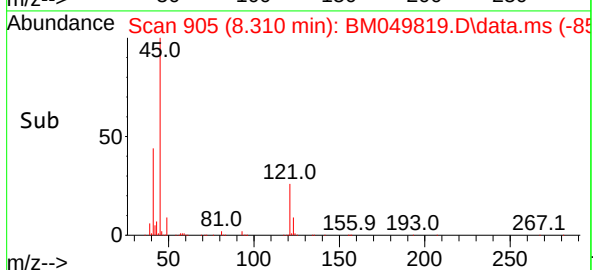
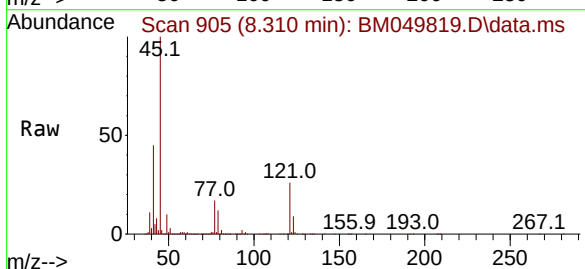
Manual Integrations
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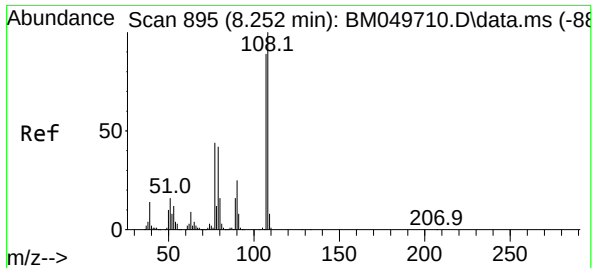
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.908 ng m
RT: 8.310 min Scan# 905
Delta R.T. -0.030 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

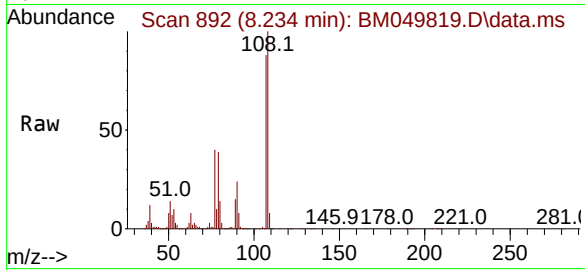
Tgt Ion: 45 Resp: 1262300
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.1
79 12.3 0.0 32.8





#17
2-Methylphenol
Concen: 50.591 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

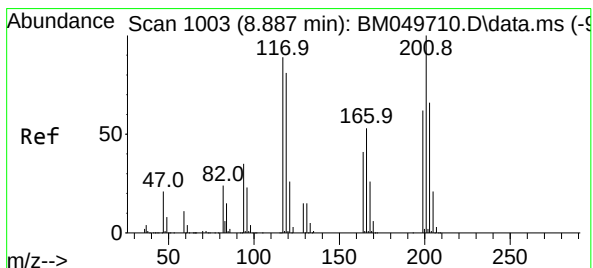
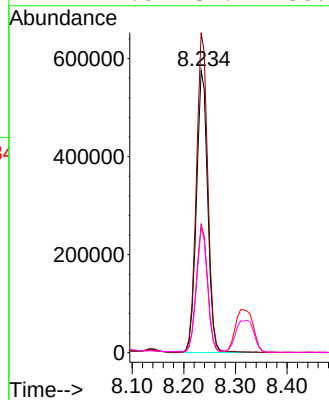
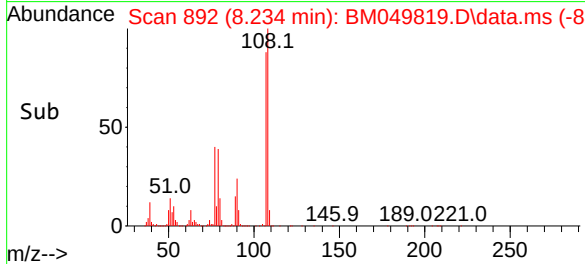
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:107 Resp: 86772
Ion Ratio Lower Upper
107 100
108 113.5 89.6 134.4
77 45.4 39.8 59.6
79 44.6 37.4 56.2

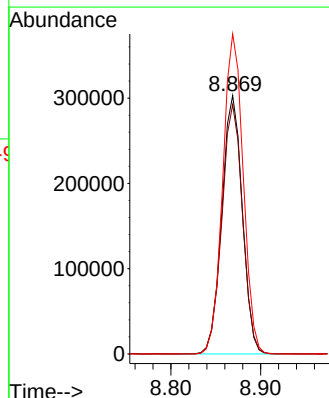
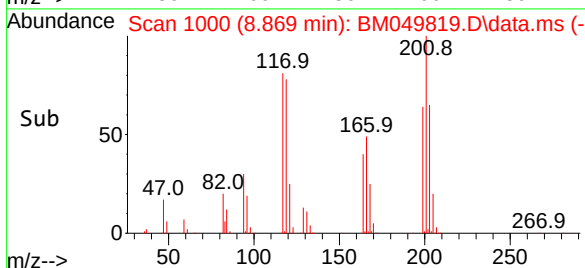
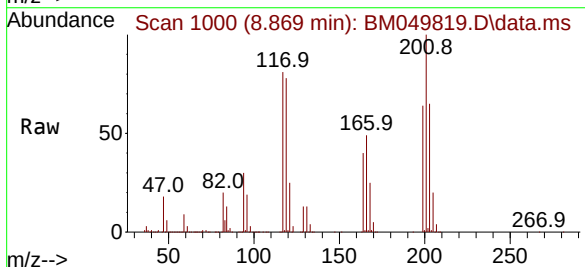
Manual Integrations
APPROVED

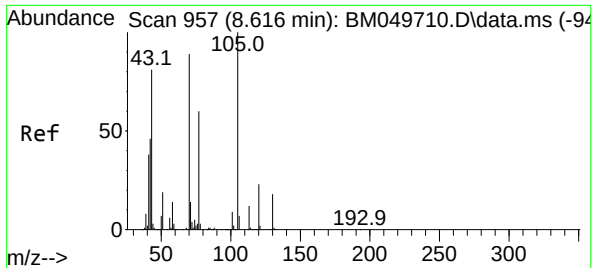
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#18
Hexachloroethane
Concen: 47.217 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

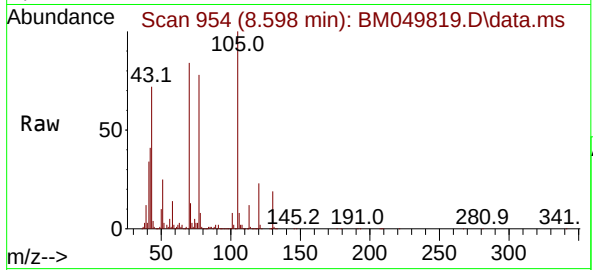
Tgt Ion:117 Resp: 480618
Ion Ratio Lower Upper
117 100
119 96.5 73.1 109.7
201 123.8 90.0 135.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.971 ng
RT: 8.598 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

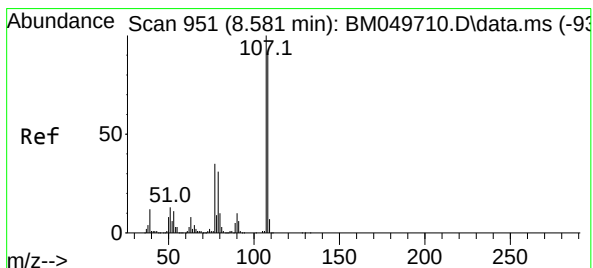
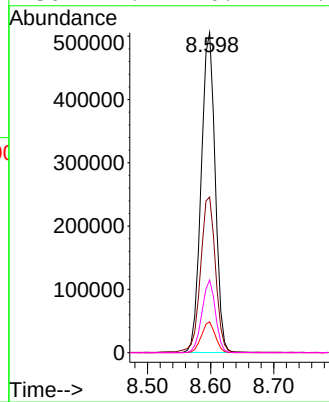
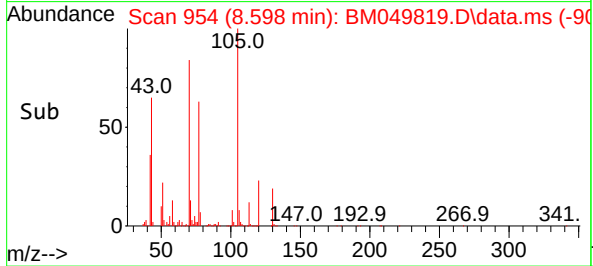
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion: 70 Resp: 776940
Ion Ratio Lower Upper
70 100
42 48.6 41.8 62.6
101 9.6 7.7 11.5
130 22.7 16.2 24.4

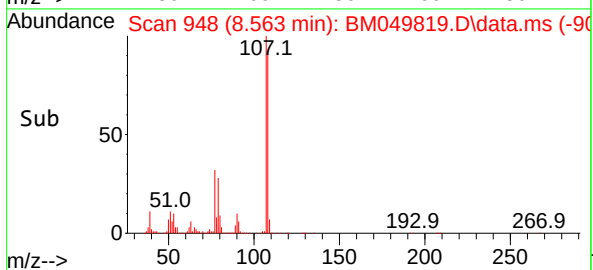
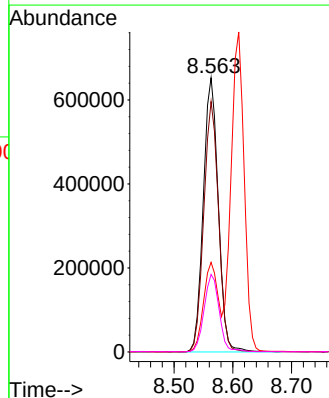
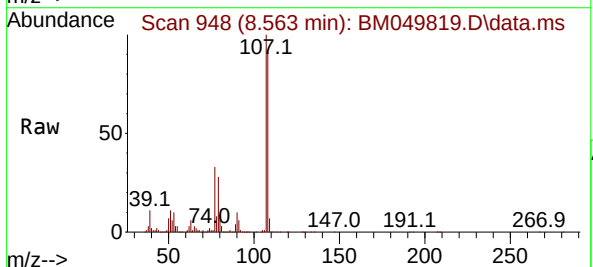
Manual Integrations
APPROVED

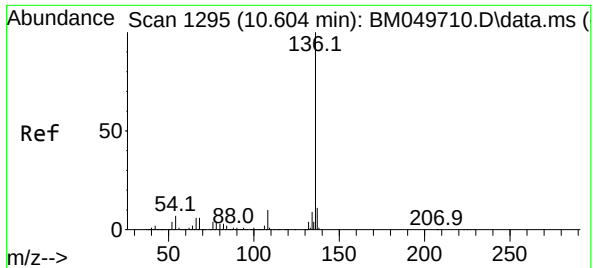
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#20
3+4-Methylphenols
Concen: 50.205 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

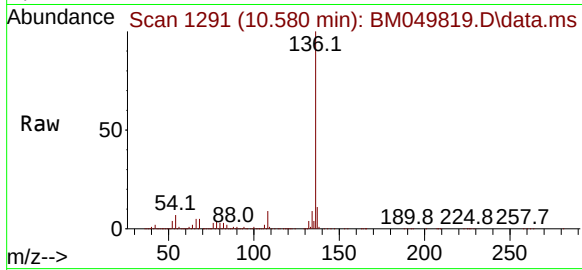
Tgt Ion:107 Resp: 1153991
Ion Ratio Lower Upper
107 100
108 91.3 71.0 111.0
77 32.7 15.1 55.1
79 28.3 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

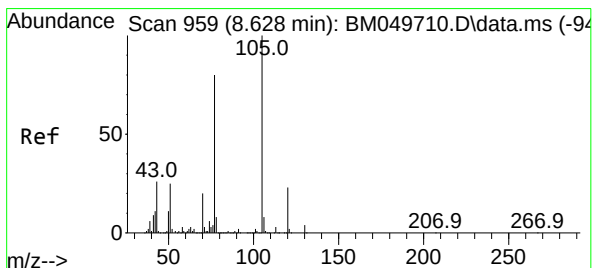
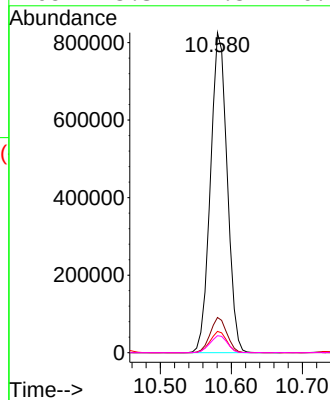
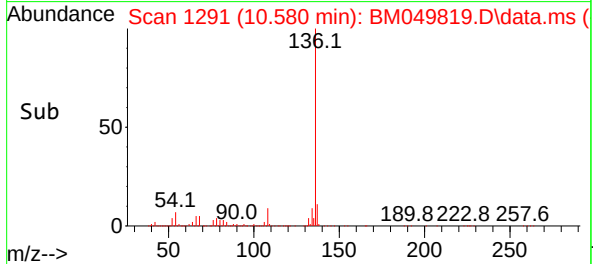
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:136 Resp: 1349919
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.7 5.8 8.8
68 5.3 4.5 6.7

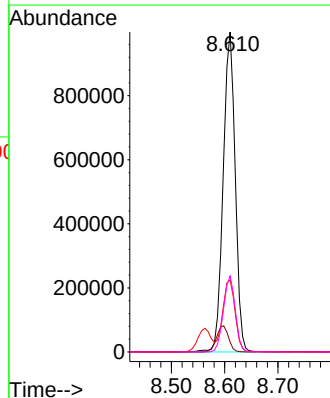
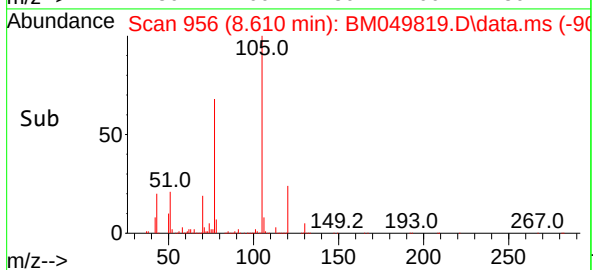
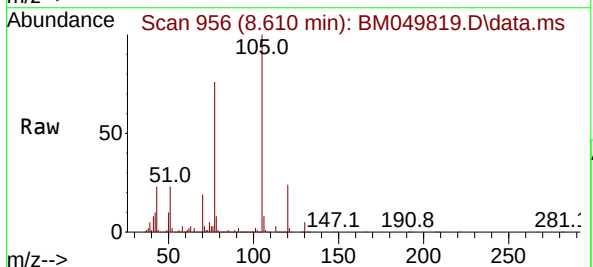
Manual Integrations
APPROVED

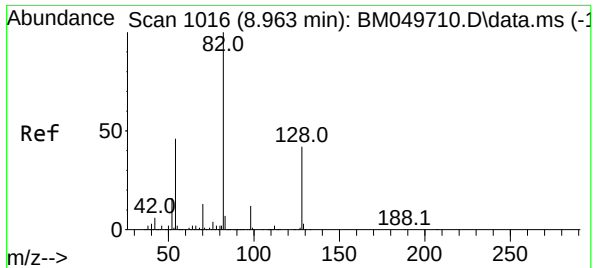
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#22
Acetophenone
Concen: 44.941 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:105 Resp: 1564246
Ion Ratio Lower Upper
105 100
71 3.1 2.5 3.7
51 22.5 19.9 29.9
120 23.7 18.3 27.5





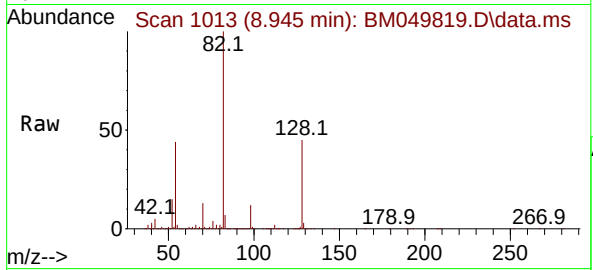
#23
Nitrobenzene-d5
Concen: 87.959 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

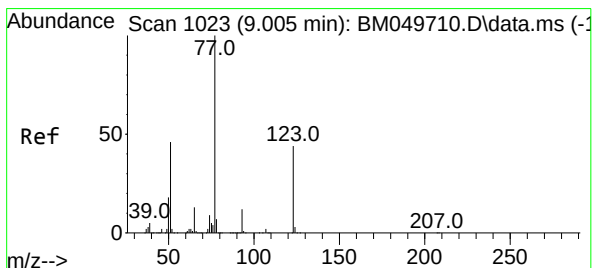
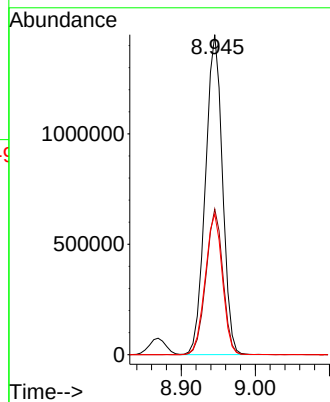
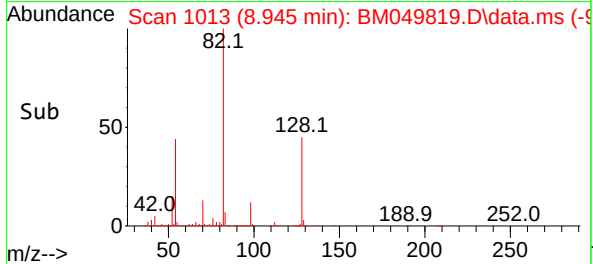


Tgt Ion: 82 Resp: 231267
Ion Ratio Lower Upper
82 100
128 45.5 33.4 50.0
54 43.9 36.4 54.6

Manual Integrations

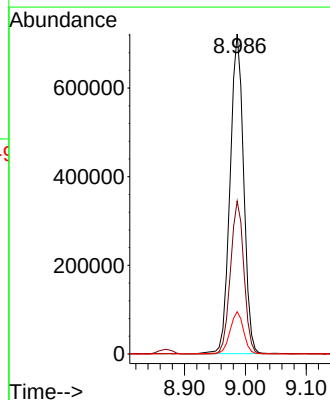
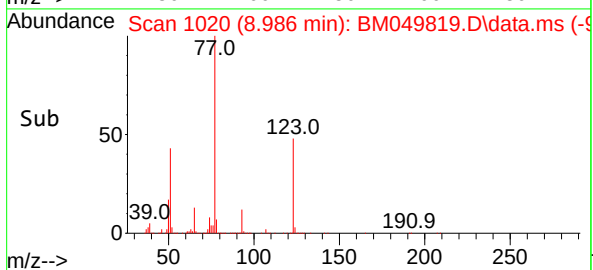
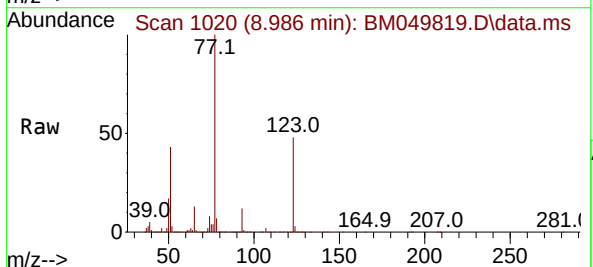
APPROVED

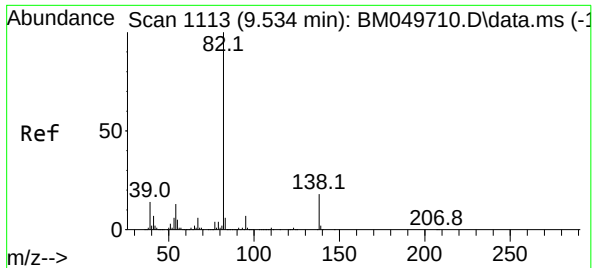
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#24
Nitrobenzene
Concen: 45.094 ng
RT: 8.986 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

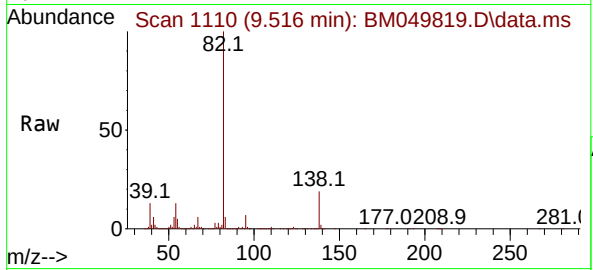
Tgt Ion: 77 Resp: 1117968
Ion Ratio Lower Upper
77 100
123 47.8 34.9 52.3
65 13.2 10.6 15.8





#25
Isophorone
Concen: 50.925 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

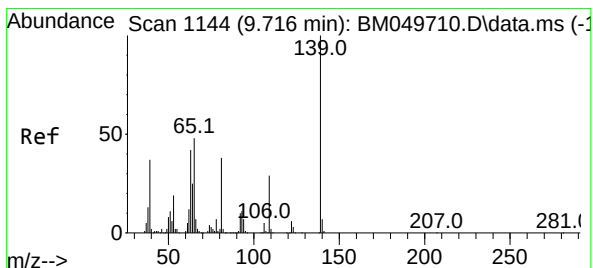
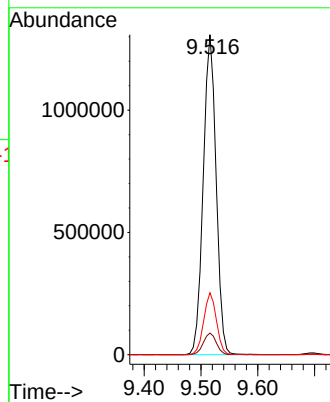
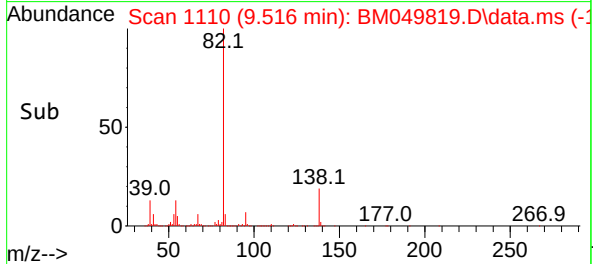
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion: 82 Resp: 205578
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 19.4 14.4 21.6

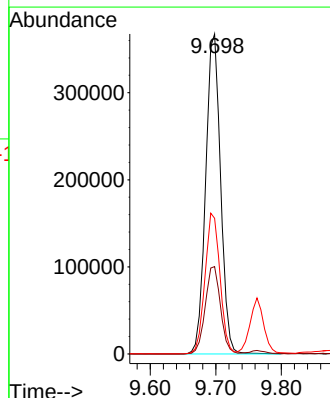
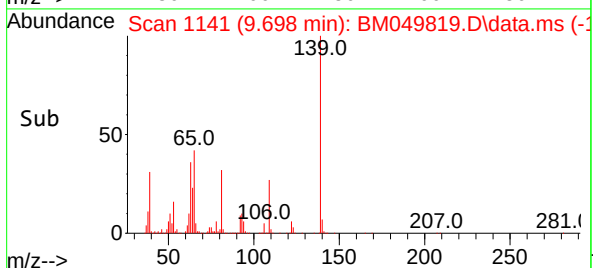
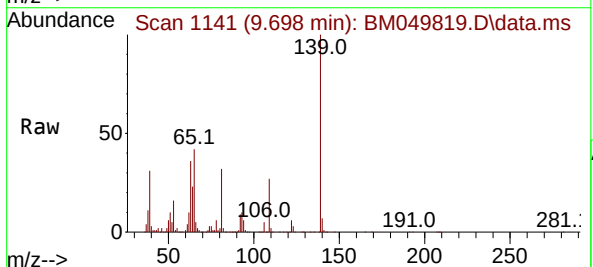
Manual Integrations
APPROVED

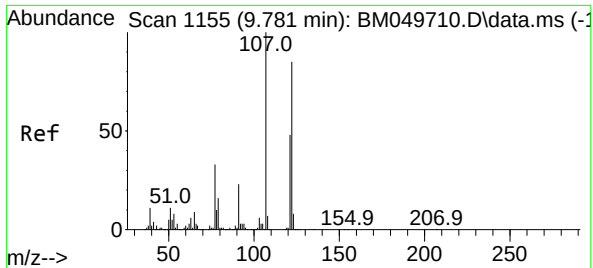
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#26
2-Nitrophenol
Concen: 55.199 ng
RT: 9.698 min Scan# 1141
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:139 Resp: 582468
Ion Ratio Lower Upper
139 100
109 27.3 23.3 34.9
65 42.4 38.6 58.0





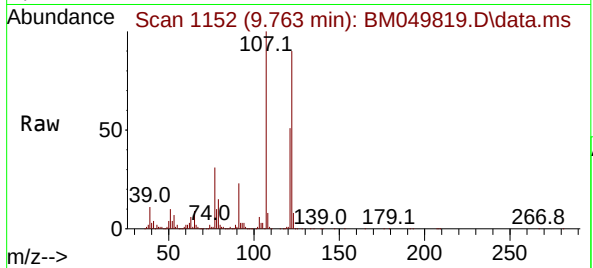
#27
2,4-Dimethylphenol
Concen: 71.241 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

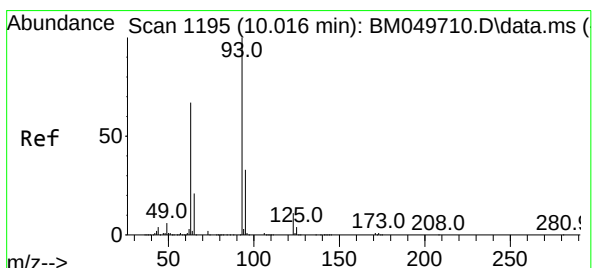
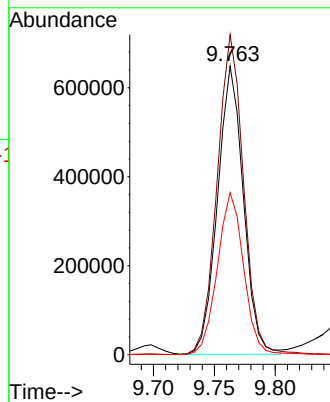
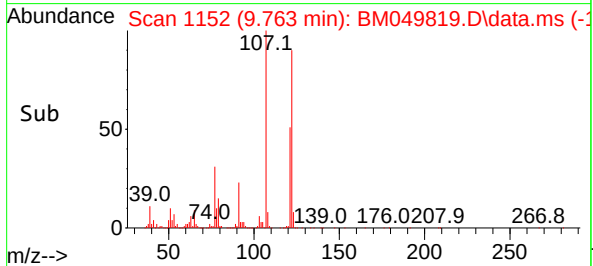


Tgt Ion:122 Resp: 956875
Ion Ratio Lower Upper
122 100
107 110.9 94.3 141.5
121 56.2 45.4 68.2

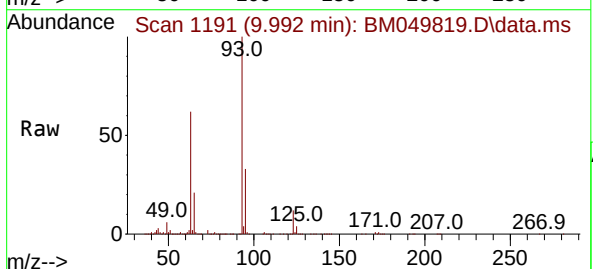
Manual Integrations

APPROVED

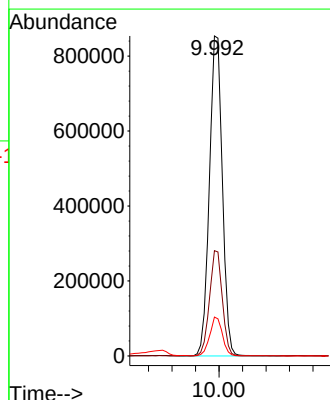
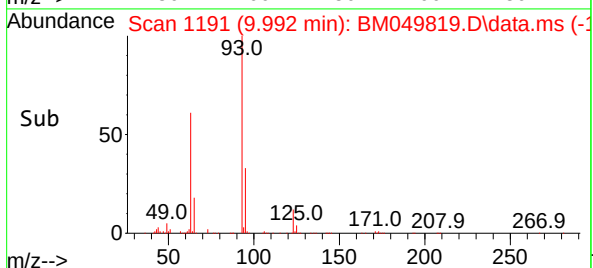
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

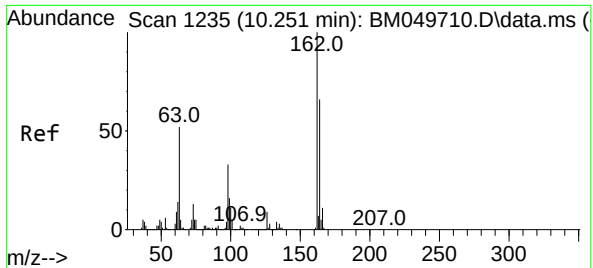


#28
bis(2-Chloroethoxy)methane
Concen: 46.115 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



Tgt Ion: 93 Resp: 1311154
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 12.2 9.0 13.6





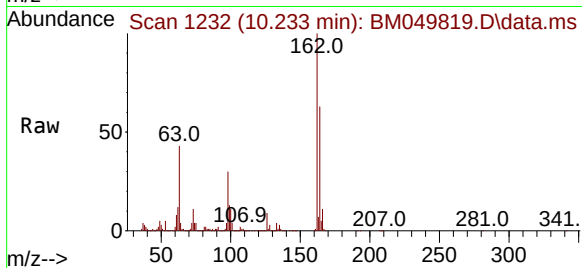
#29
2,4-Dichlorophenol
Concen: 49.576 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

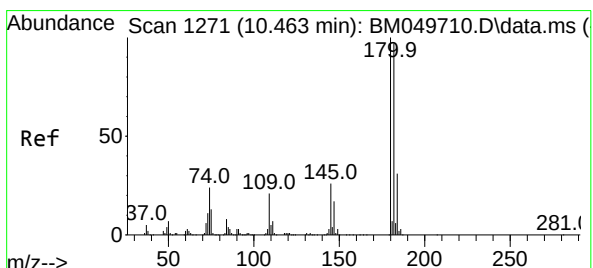
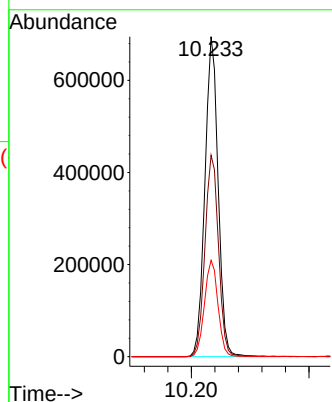
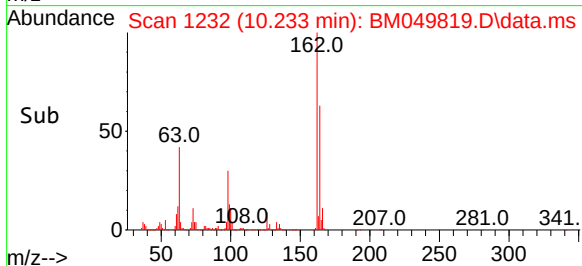


Tgt Ion:162 Resp: 108504
Ion Ratio Lower Upper
162 100
164 63.0 46.3 86.3
98 30.1 12.8 52.8

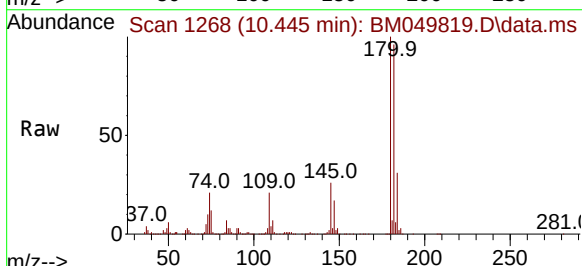
Manual Integrations

APPROVED

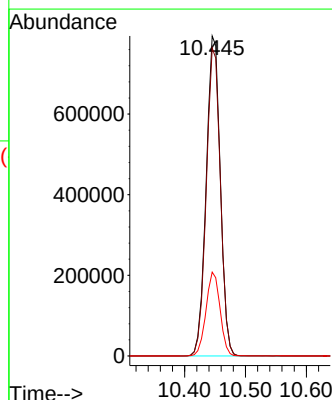
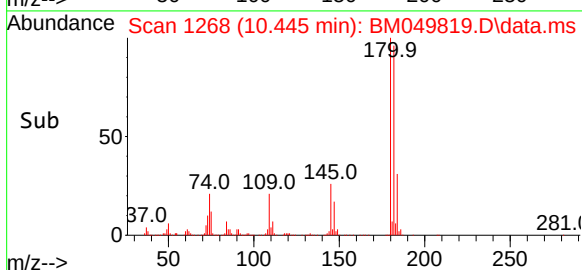
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

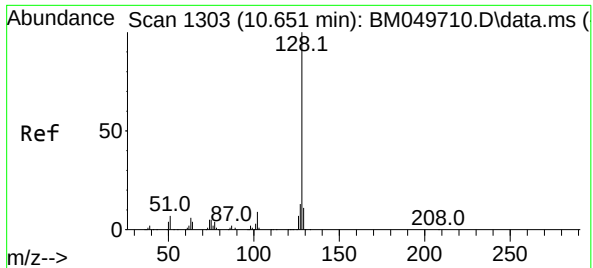


#30
1,2,4-Trichlorobenzene
Concen: 46.708 ng
RT: 10.445 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



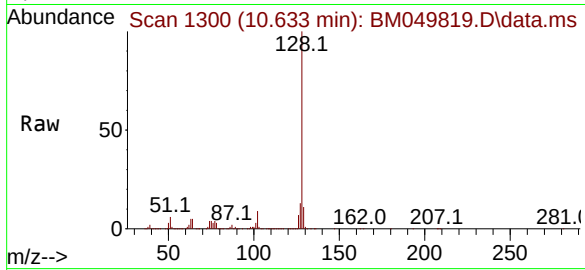
Tgt Ion:180 Resp: 1279009
Ion Ratio Lower Upper
180 100
182 96.2 77.7 116.5
145 26.2 21.0 31.4





#31
Naphthalene
Concen: 45.648 ng
RT: 10.633 min Scan# 1175
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

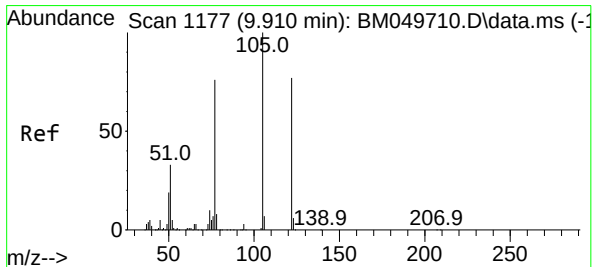
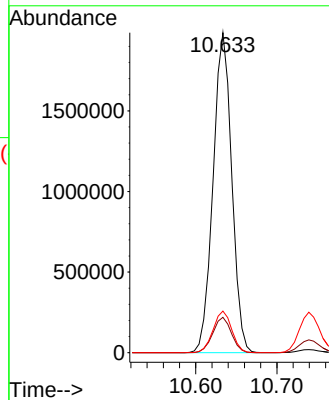
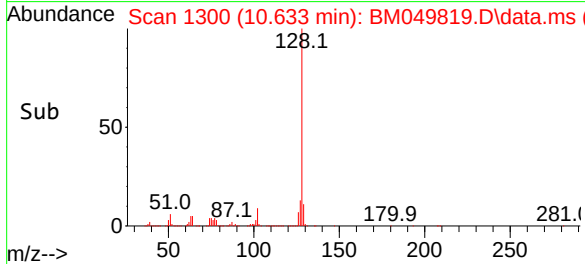
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:128 Resp: 316855
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.4 15.6

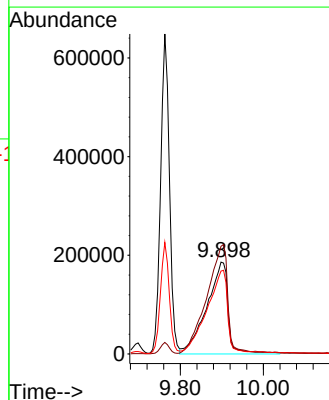
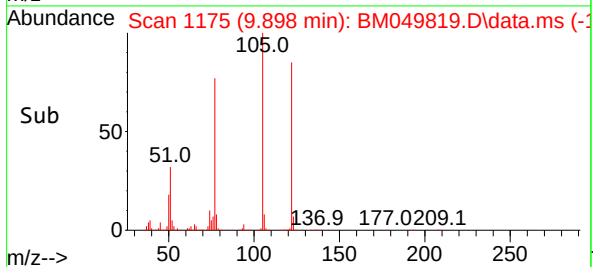
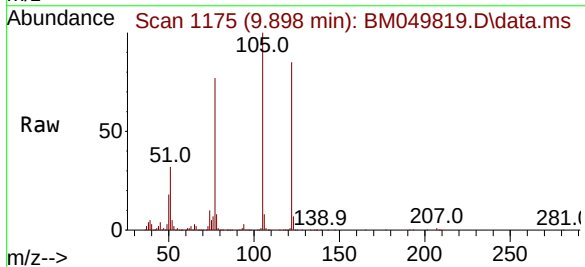
Manual Integrations
APPROVED

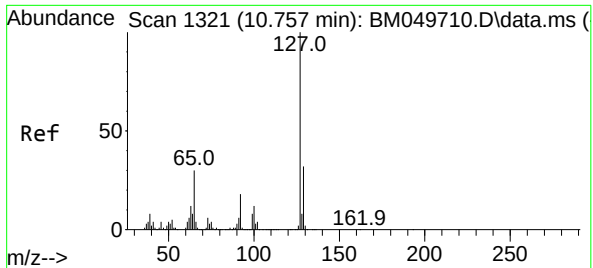
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#32
Benzoic acid
Concen: 58.521 ng m
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:122 Resp: 668485
Ion Ratio Lower Upper
122 100
105 117.2 105.6 145.6
77 90.2 76.9 116.9





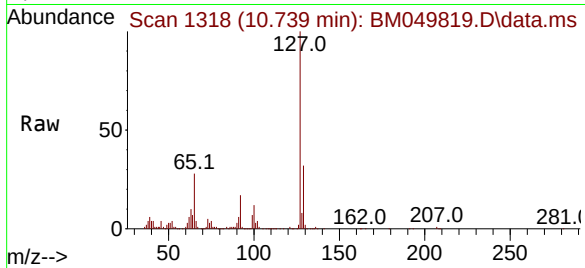
#33
4-Chloroaniline
Concen: 19.161 ng
RT: 10.739 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

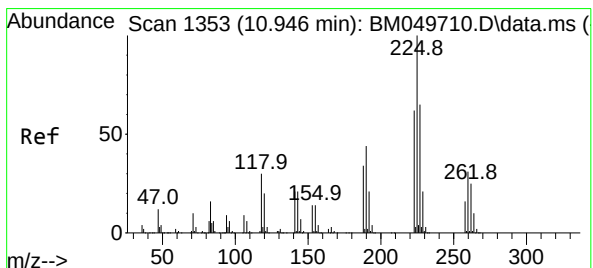
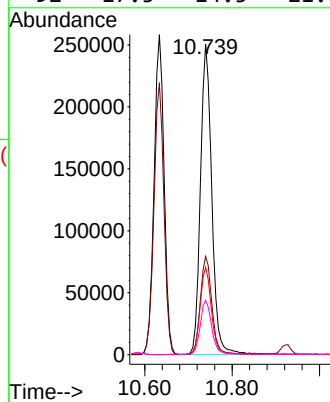
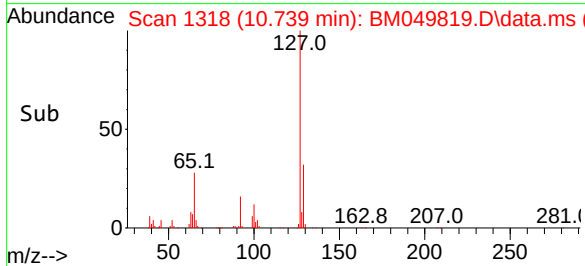


Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.7	38.5
65	28.1	24.1	36.1
92	17.5	14.5	21.7

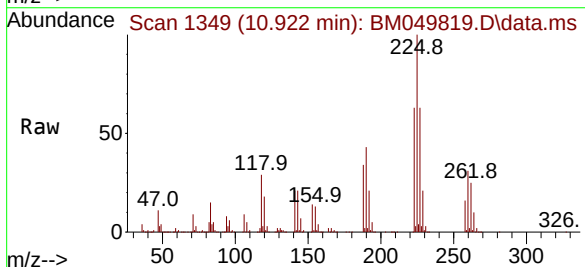
Manual Integrations

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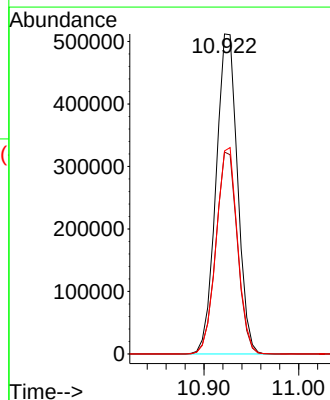
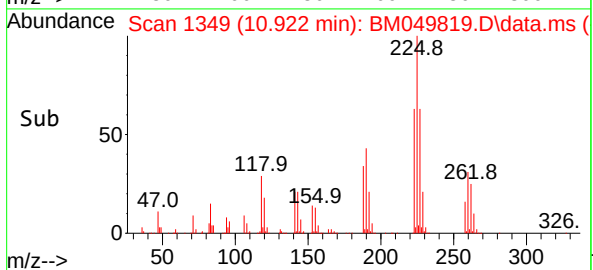
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

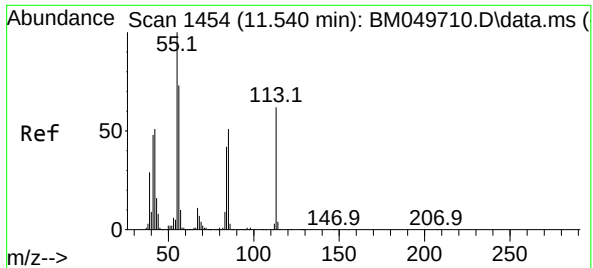


#34
Hexachlorobutadiene
Concen: 47.745 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



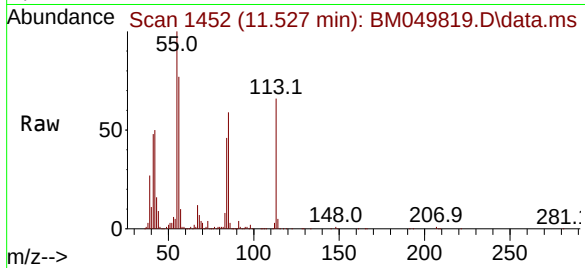
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	63.5	52.1	78.1





#35
Caprolactam
Concen: 53.780 ng
RT: 11.527 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

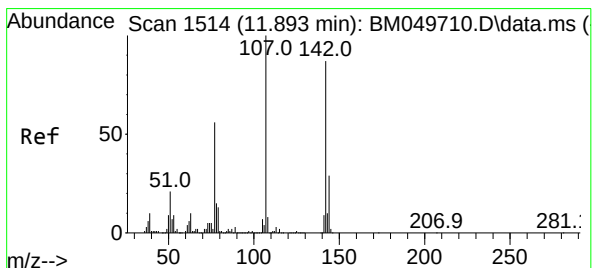
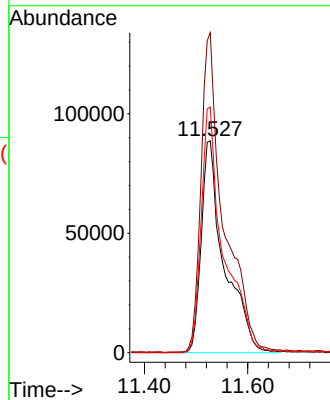
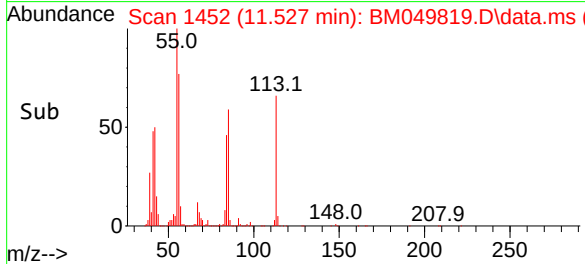
Instrument :
BNA_M
ClientSampleId :
PB167436BS



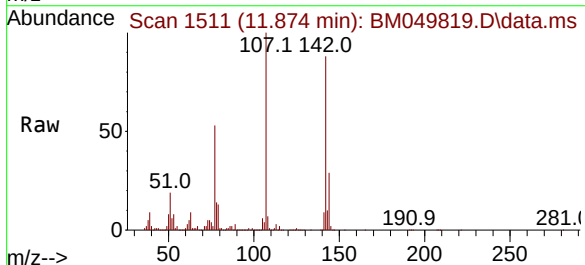
Tgt Ion:113 Resp: 27327
Ion Ratio Lower Upper
113 100
55 151.0 141.8 181.8
56 115.9 98.0 138.0

Manual Integrations
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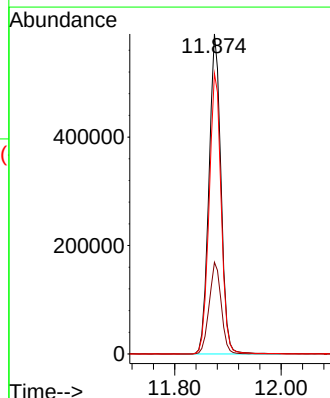
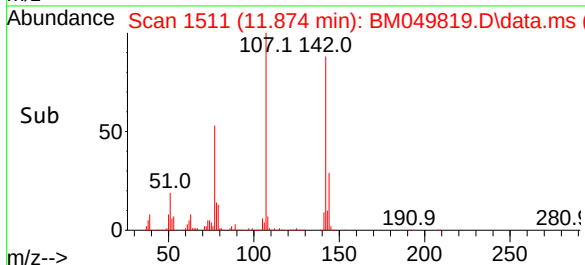
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

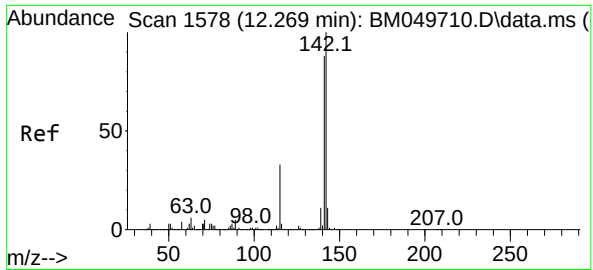


#36
4-Chloro-3-methylphenol
Concen: 49.262 ng
RT: 11.874 min Scan# 1511
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



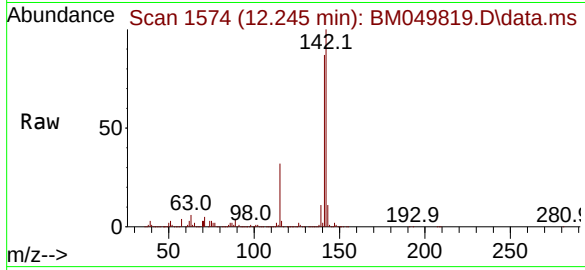
Tgt Ion:107 Resp: 925245
Ion Ratio Lower Upper
107 100
144 28.6 23.0 34.6
142 87.6 69.8 104.8





#37
2-Methylnaphthalene
Concen: 42.294 ng
RT: 12.245 min Scan# 1574
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

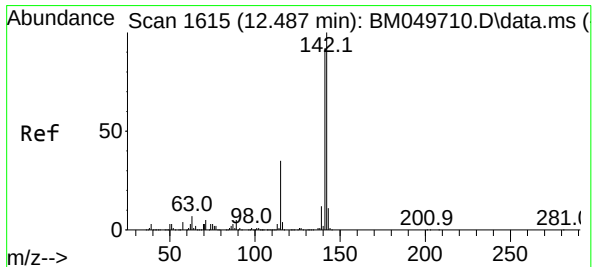
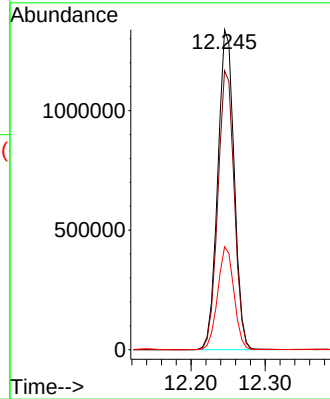
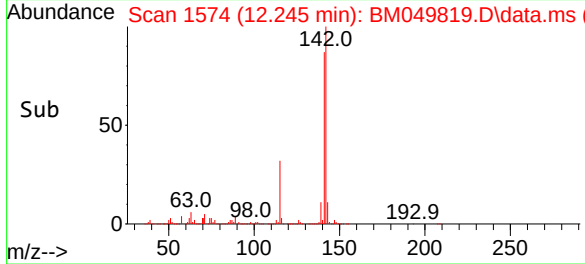
Instrument :
BNA_M
ClientSampleId :
PB167436BS



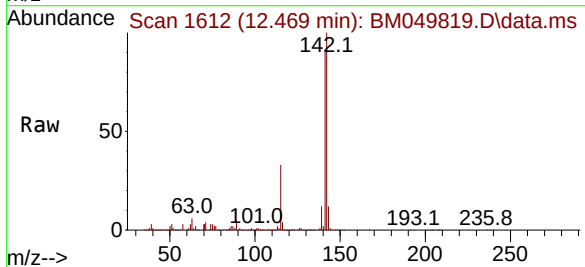
Tgt Ion:142 Resp: 205283
Ion Ratio Lower Upper
142 100
141 87.2 70.5 105.7
115 32.2 26.5 39.7

Manual Integrations
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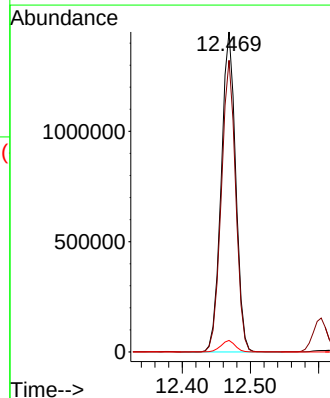
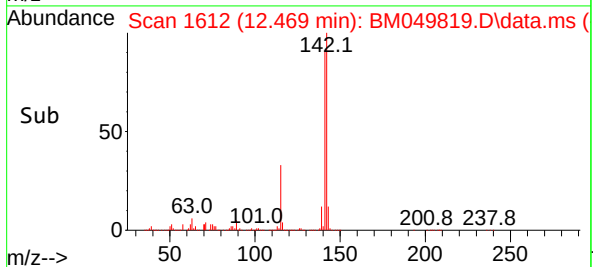
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

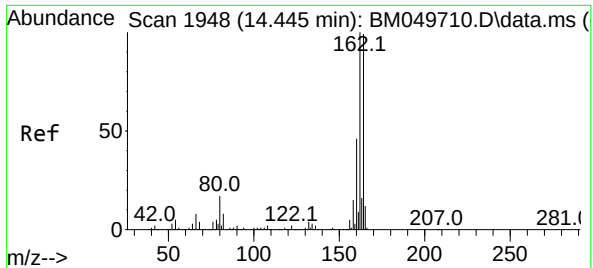


#38
1-Methylnaphthalene
Concen: 45.780 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



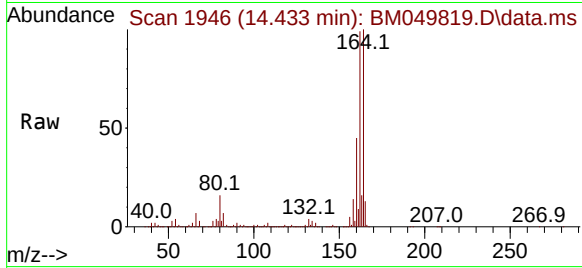
Tgt Ion:142 Resp: 2143822
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

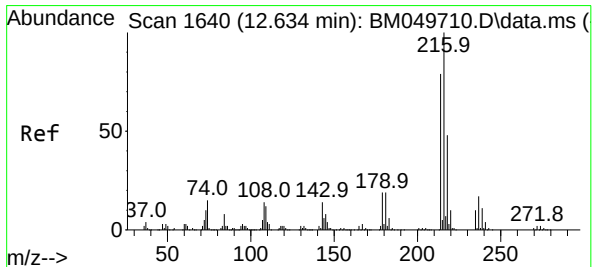
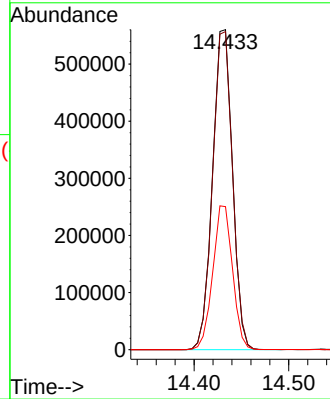
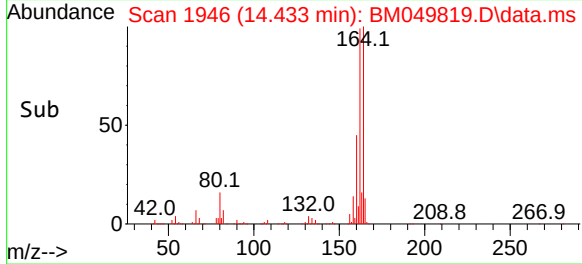
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:164 Resp: 818489
Ion Ratio Lower Upper
164 100
162 99.4 80.5 120.7
160 44.7 36.9 55.3

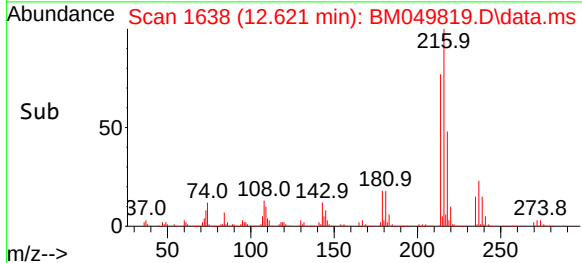
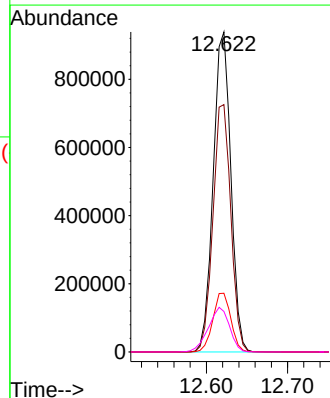
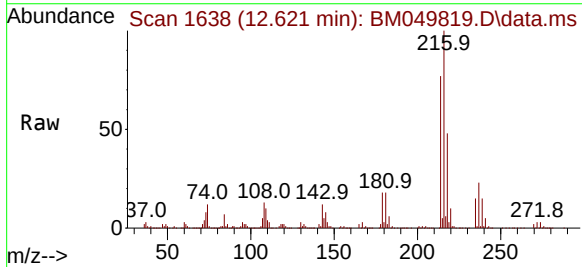
Manual Integrations
APPROVED

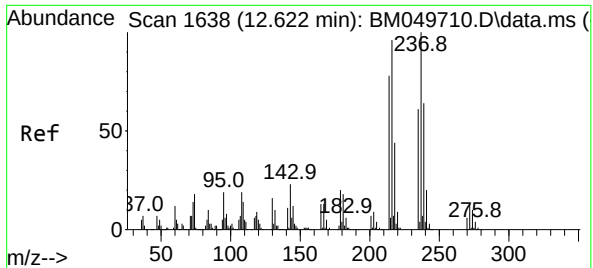
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.998 ng
RT: 12.621 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

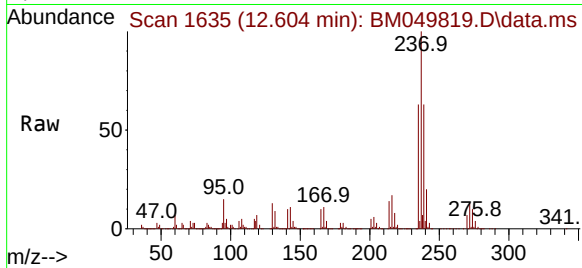
Tgt Ion:216 Resp: 1412989
Ion Ratio Lower Upper
216 100
214 78.5 63.5 95.3
179 18.8 15.7 23.5
108 16.8 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 196.010 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

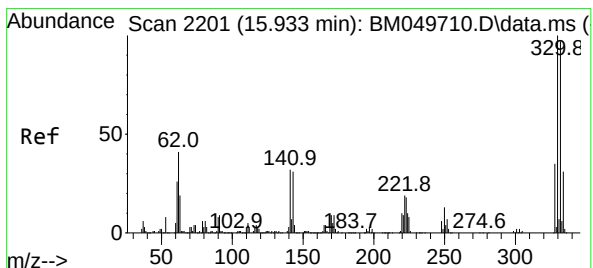
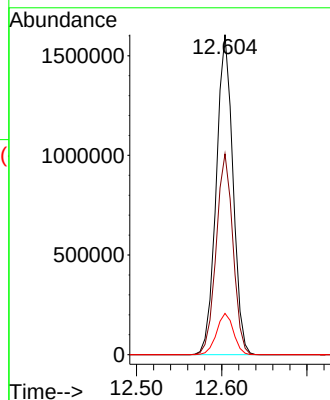
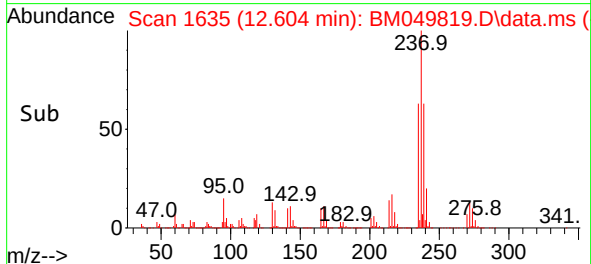
Instrument :
BNA_M
ClientSampleId :
PB167436BS



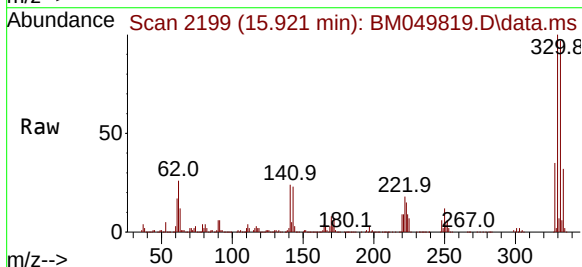
Tgt Ion:237 Resp: 218316
Ion Ratio Lower Upper
237 100
235 62.7 41.1 81.1
272 12.9 0.0 32.5

Manual Integrations
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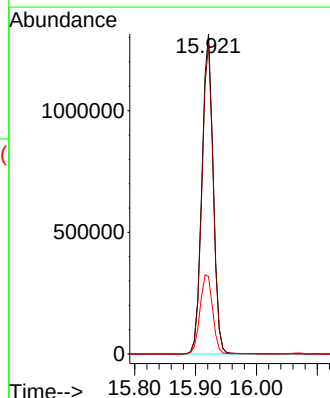
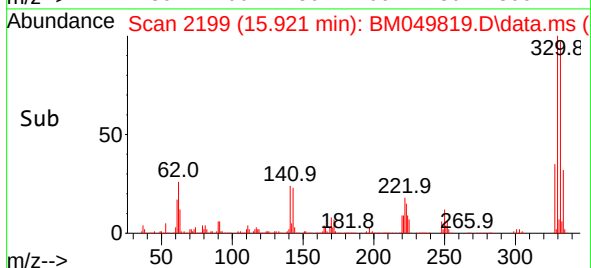
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

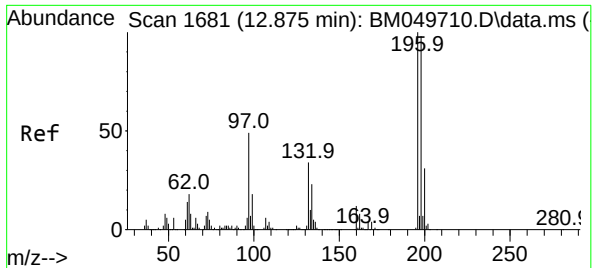


#42
2,4,6-Tribromophenol
Concen: 177.009 ng
RT: 15.921 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



Tgt Ion:330 Resp: 1691760
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 27.6 27.8 41.6#





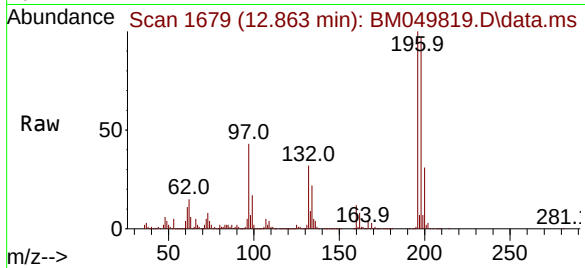
#43
2,4,6-Trichlorophenol
Concen: 51.651 ng
RT: 12.863 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

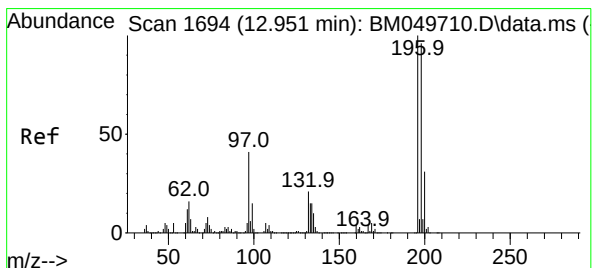
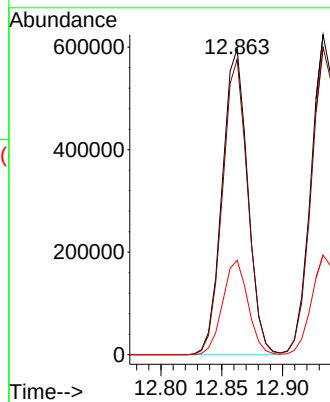
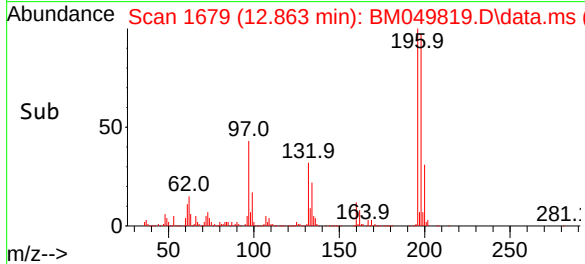


Tgt Ion:196 Resp: 869712
Ion Ratio Lower Upper
196 100
198 96.6 78.3 117.5
200 30.9 25.1 37.7

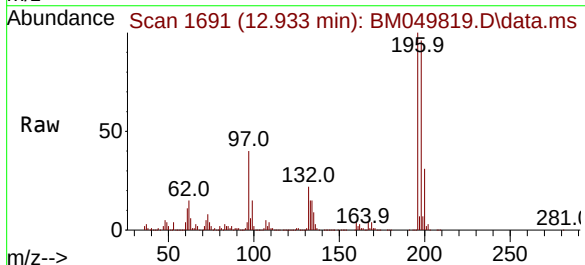
Manual Integrations

APPROVED

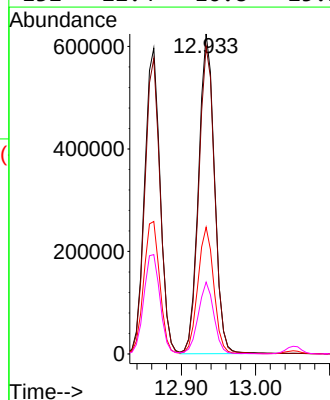
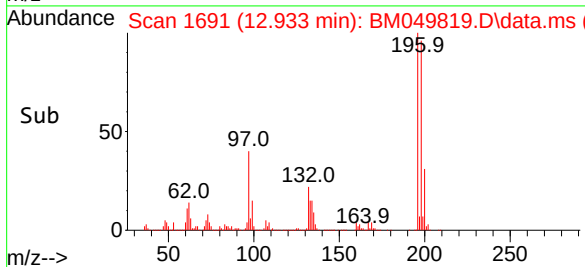
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

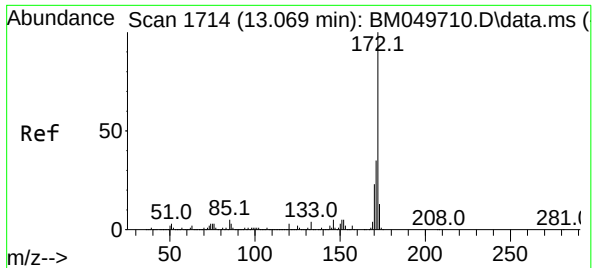


#44
2,4,5-Trichlorophenol
Concen: 50.608 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



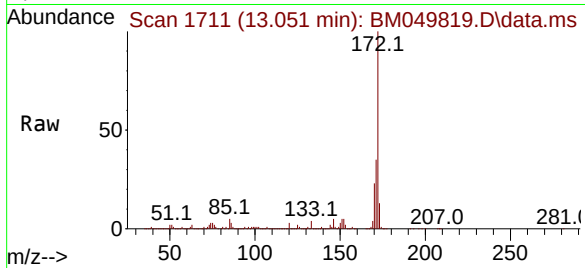
Tgt Ion:196 Resp: 929909
Ion Ratio Lower Upper
196 100
198 96.1 76.7 115.1
97 39.6 32.9 49.3
132 22.4 16.8 25.2





#45
2-Fluorobiphenyl
Concen: 89.883 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

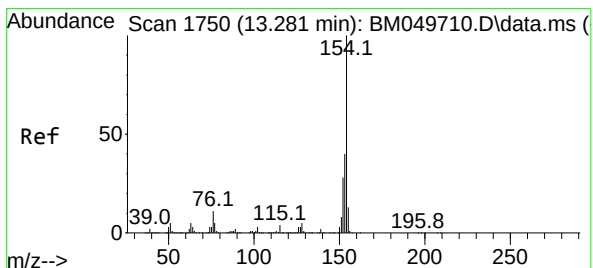
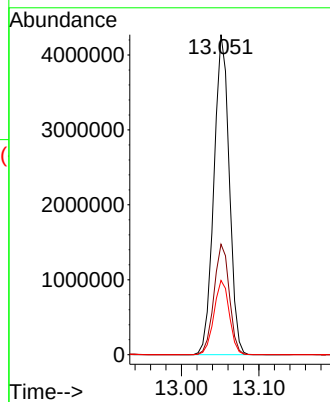
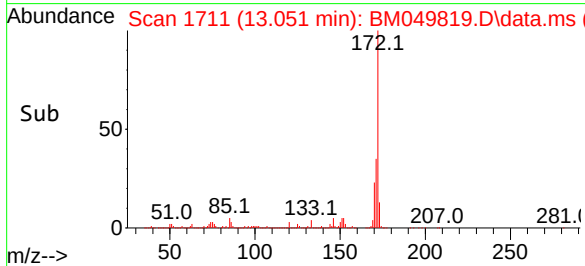
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:172 Resp: 5874284
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.2 18.6 28.0

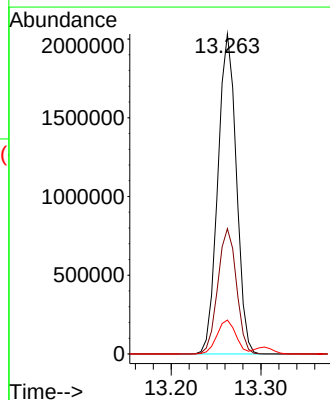
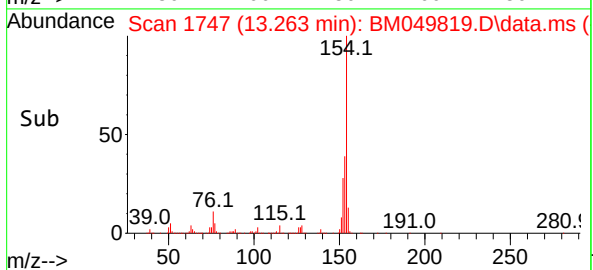
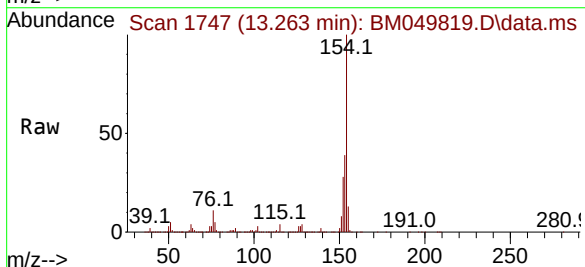
Manual Integrations
APPROVED

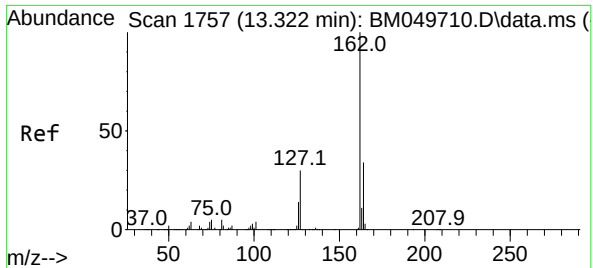
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#46
1,1'-Biphenyl
Concen: 46.126 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

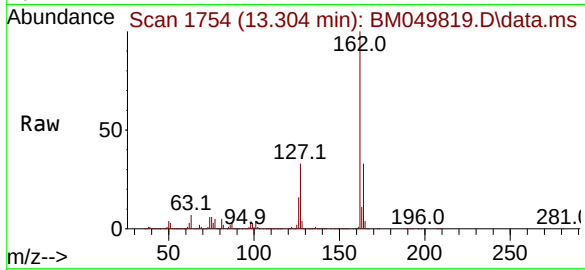
Tgt Ion:154 Resp: 2909701
Ion Ratio Lower Upper
154 100
153 39.2 19.7 59.7
76 10.6 0.0 31.2





#47
2-Chloronaphthalene
Concen: 47.009 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

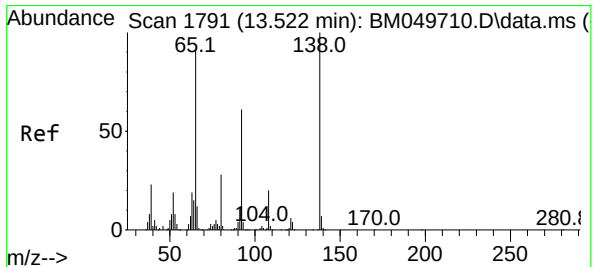
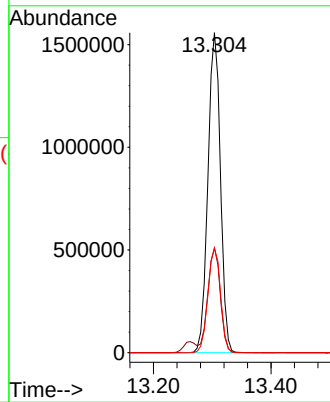
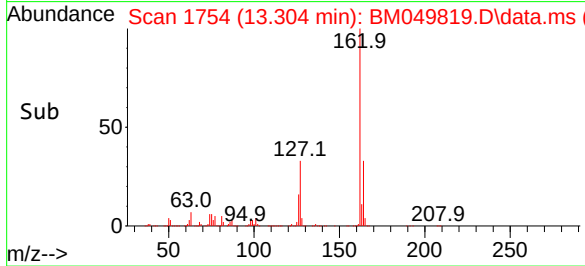
Instrument :
BNA_M
ClientSampleId :
PB167436BS



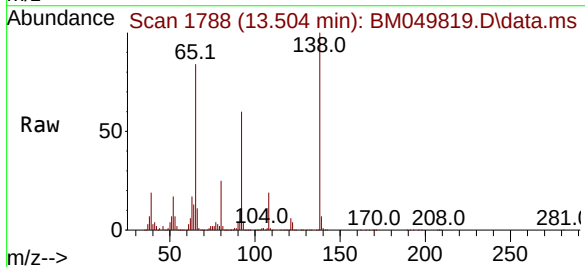
Tgt Ion:162 Resp: 230816
Ion Ratio Lower Upper
162 100
127 32.7 25.8 38.6
164 32.7 27.1 40.7

Manual Integrations
APPROVED

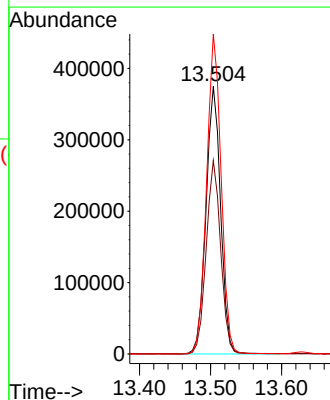
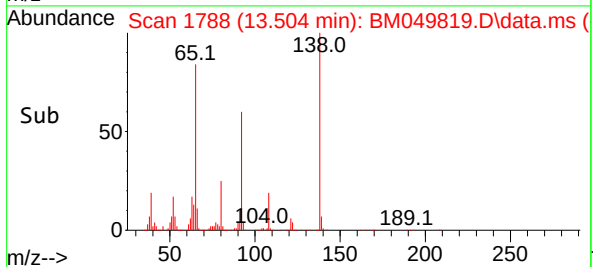
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

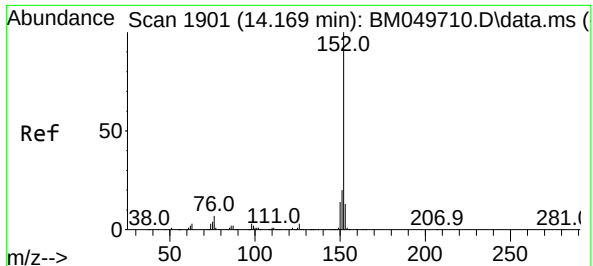


#48
2-Nitroaniline
Concen: 48.805 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



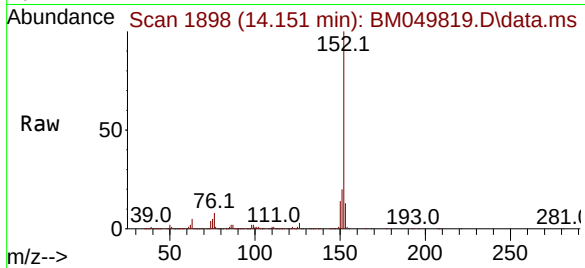
Tgt Ion: 65 Resp: 537947
Ion Ratio Lower Upper
65 100
92 72.3 53.4 80.2
138 119.5 87.6 131.4





#49
Acenaphthylene
Concen: 51.864 ng
RT: 14.151 min Scan# 1898
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

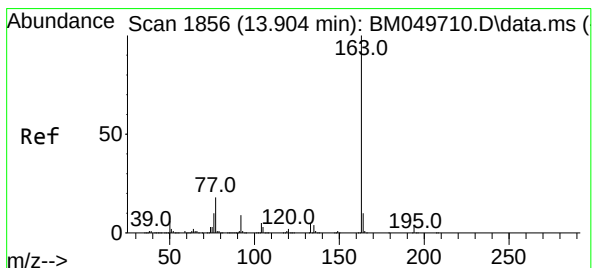
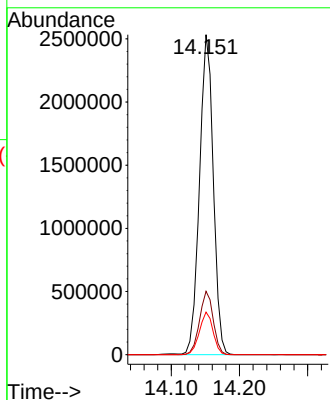
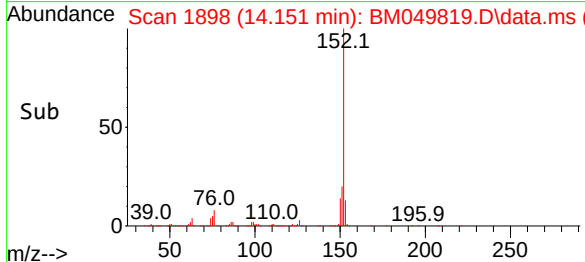
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:152 Resp: 3559549
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.3 10.2 15.4

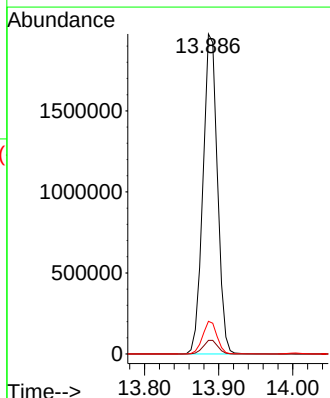
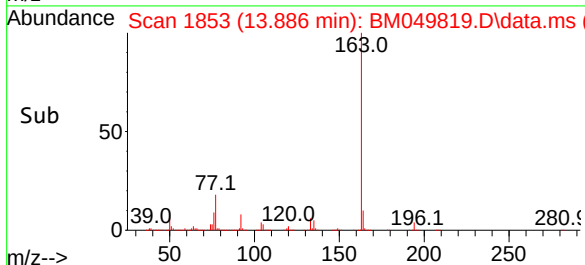
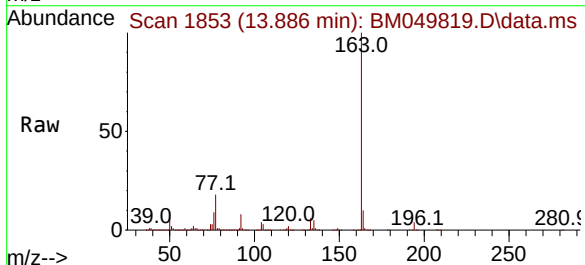
Manual Integrations
APPROVED

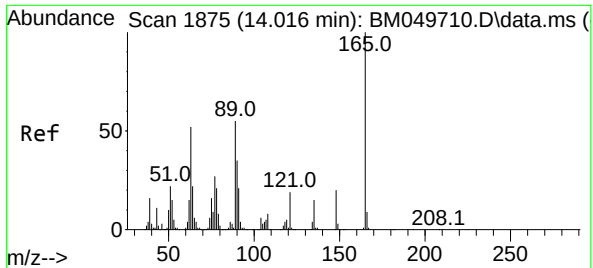
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#50
Dimethylphthalate
Concen: 47.536 ng
RT: 13.886 min Scan# 1853
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

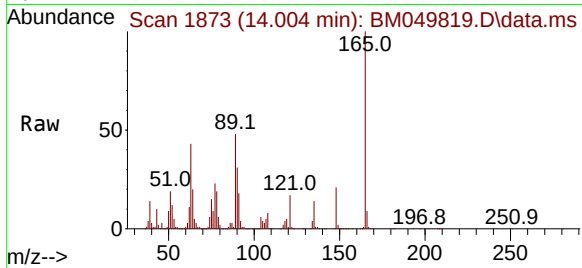
Tgt Ion:163 Resp: 2678782
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.237 ng
RT: 14.004 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

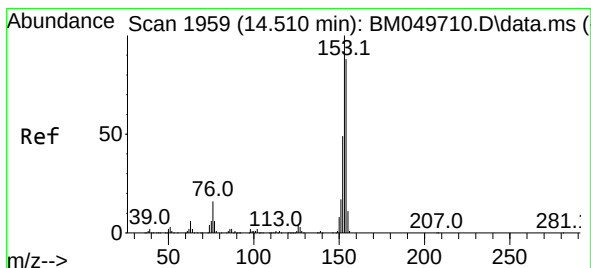
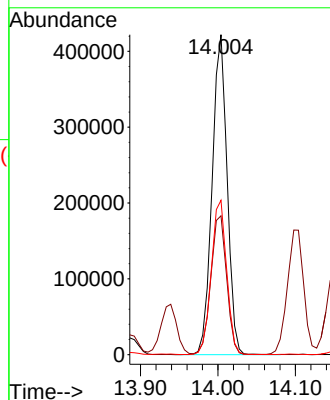
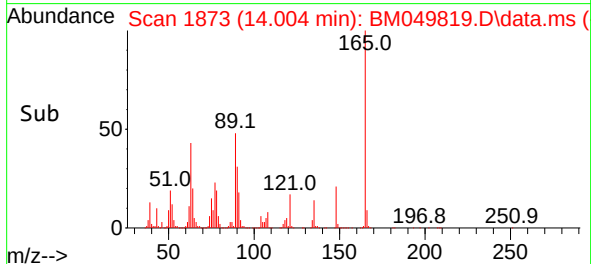
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:165 Resp: 567248
Ion Ratio Lower Upper
165 100
63 43.4 42.3 63.5
89 48.2 43.9 65.9

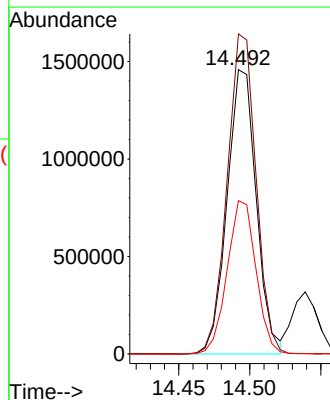
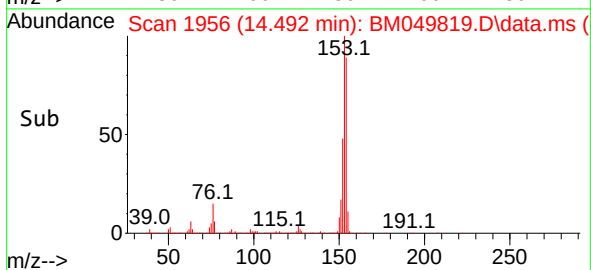
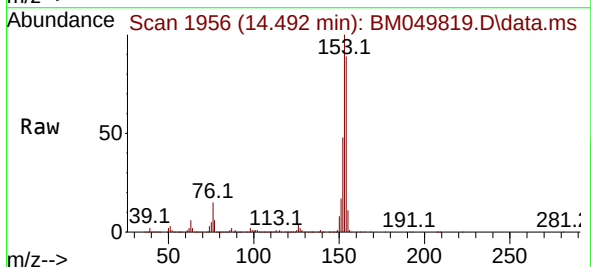
Manual Integrations
APPROVED

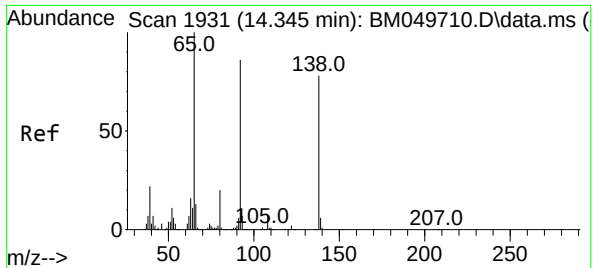
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#52
Acenaphthene
Concen: 46.316 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:154 Resp: 2085072
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 53.9 44.2 66.2





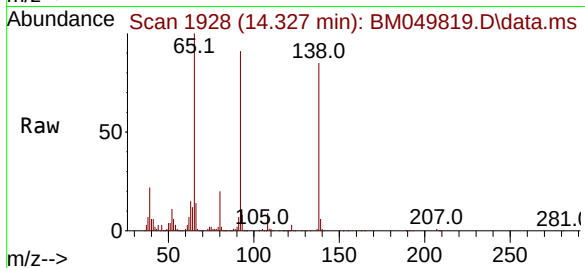
#53
3-Nitroaniline
Concen: 21.418 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

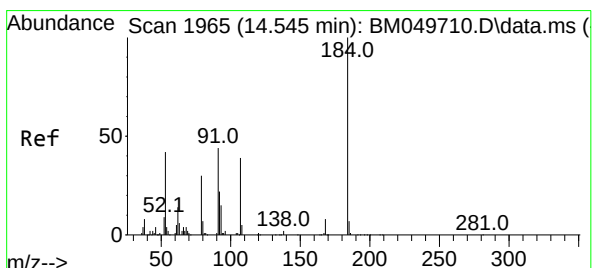
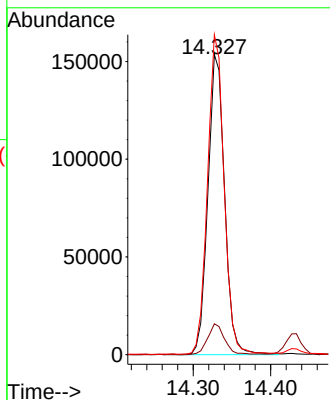
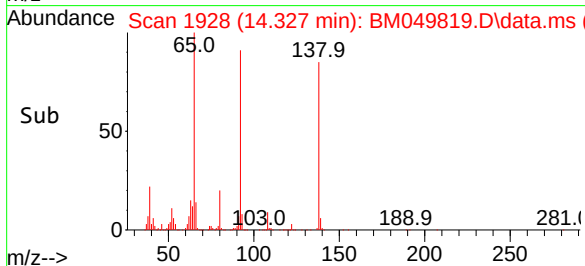


Tgt Ion:138 Resp: 230138
Ion Ratio Lower Upper
138 100
108 10.3 7.5 11.3
92 106.6 88.0 132.0

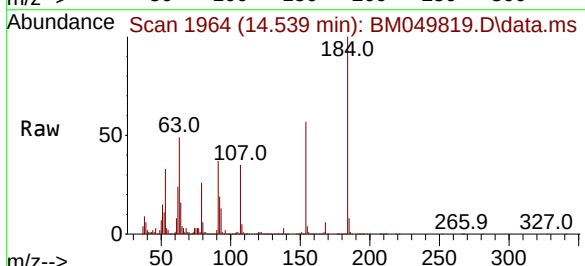
Manual Integrations

APPROVED

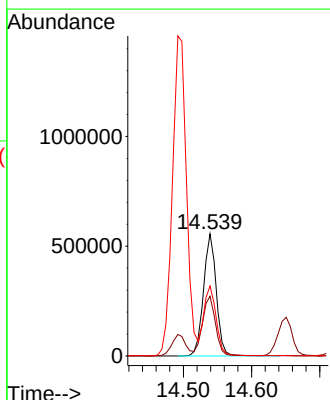
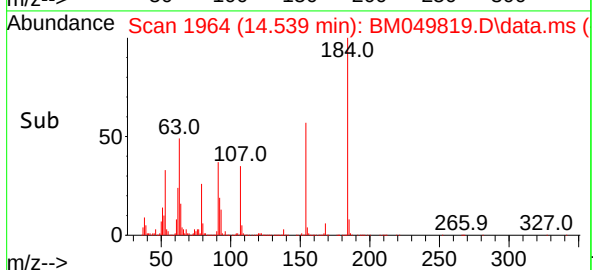
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

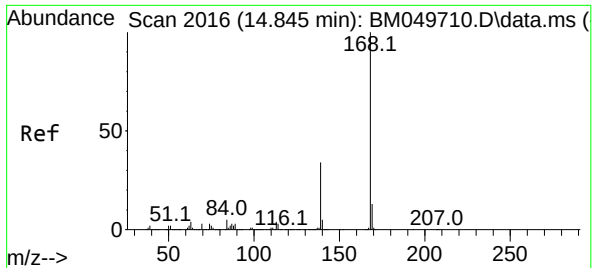


#54
2,4-Dinitrophenol
Concen: 94.350 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



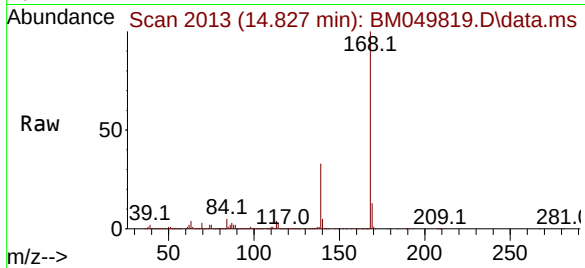
Tgt Ion:184 Resp: 727360
Ion Ratio Lower Upper
184 100
63 48.8 47.2 70.8
154 57.2 49.9 74.9





#55
Dibenzenofuran
Concen: 44.216 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

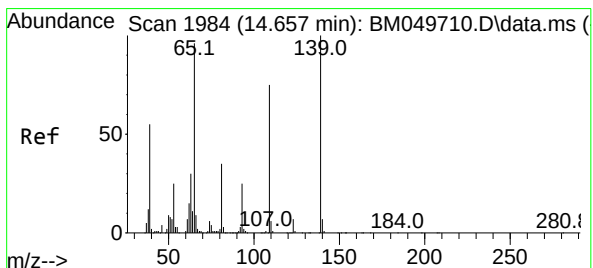
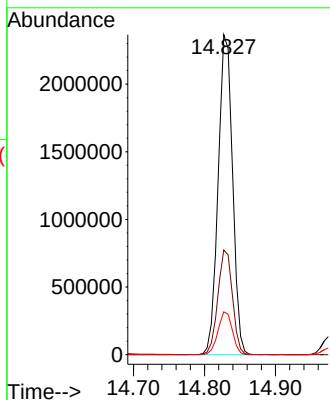
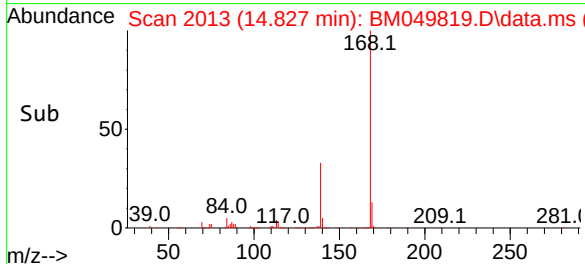
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:168 Resp: 331685
Ion Ratio Lower Upper
168 100
139 32.7 27.4 41.0
169 13.4 10.7 16.1

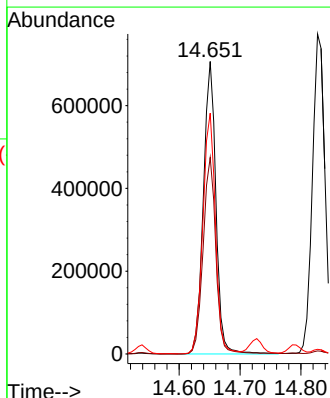
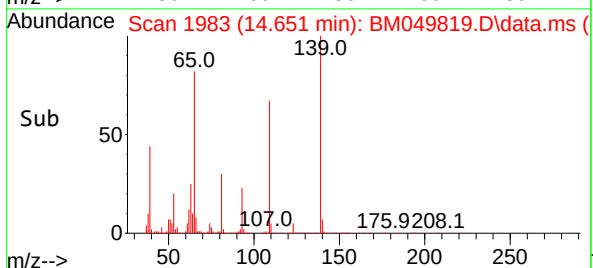
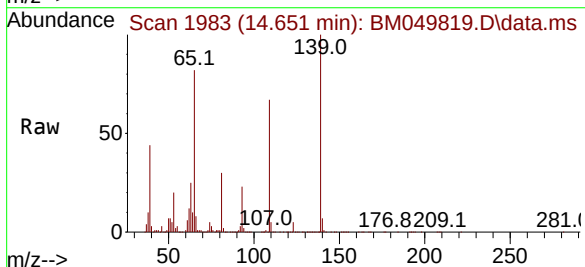
Manual Integrations
APPROVED

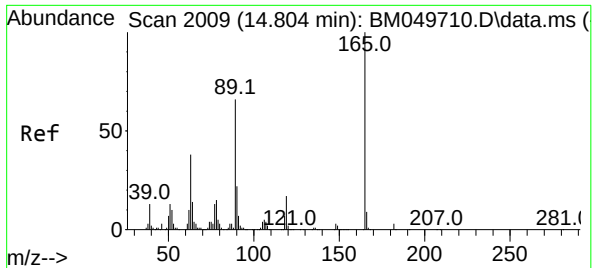
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#56
4-Nitrophenol
Concen: 108.604 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

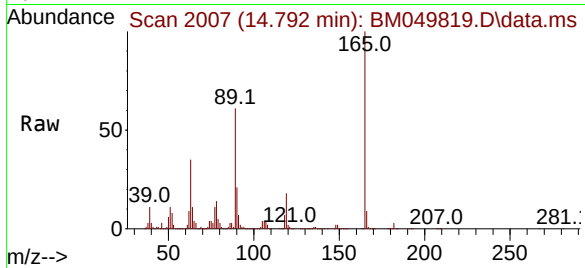
Tgt Ion:139 Resp: 1015766
Ion Ratio Lower Upper
139 100
109 67.2 54.7 94.7
65 82.3 76.2 116.2





#57
2,4-Dinitrotoluene
Concen: 54.033 ng
RT: 14.792 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

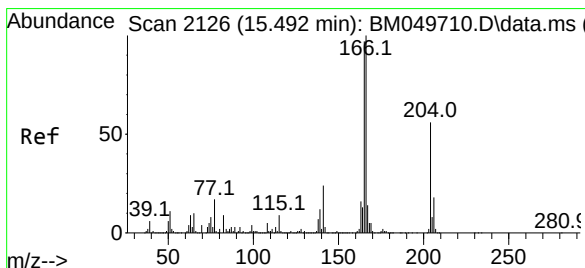
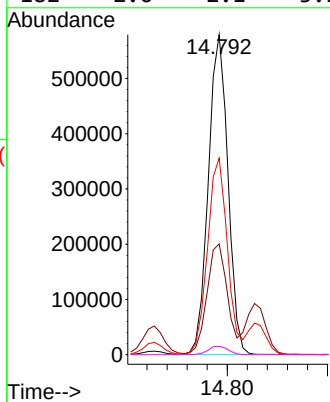
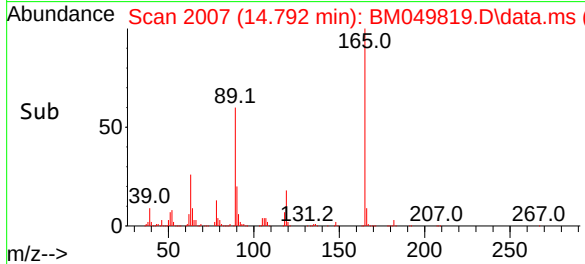
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:165 Resp: 785062
Ion Ratio Lower Upper
165 100
63 34.6 30.8 46.2
89 61.5 53.1 79.7
182 2.6 2.1 3.1

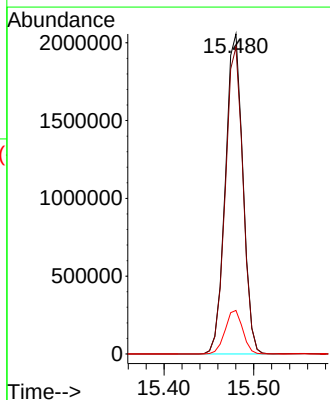
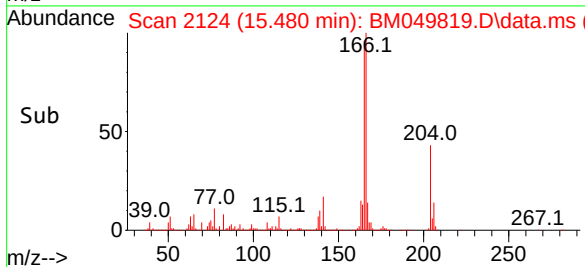
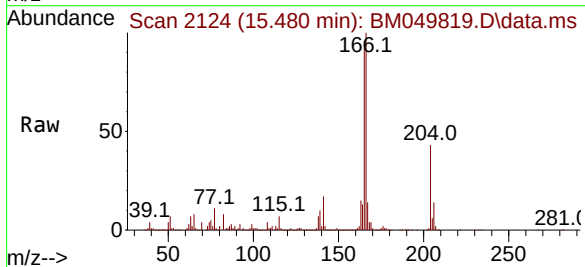
Manual Integrations
APPROVED

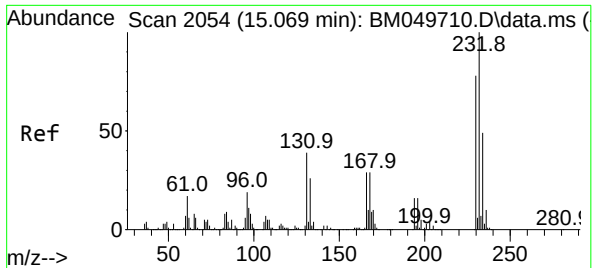
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#58
Fluorene
Concen: 45.683 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

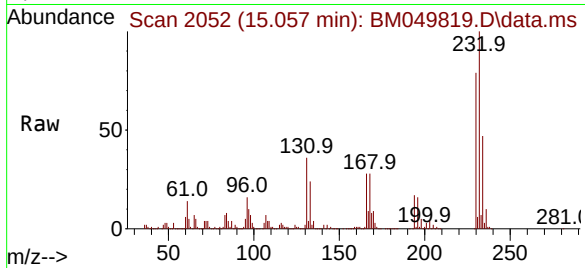
Tgt Ion:166 Resp: 2790132
Ion Ratio Lower Upper
166 100
165 95.9 77.5 116.3
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.950 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

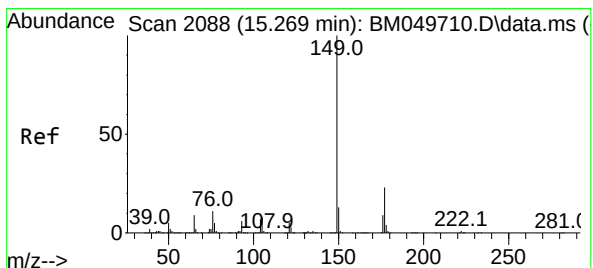
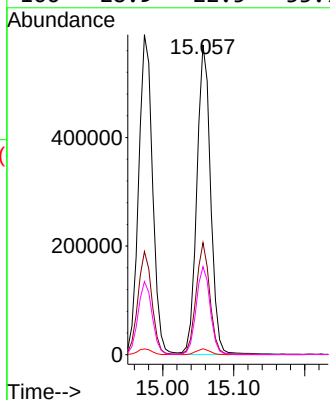
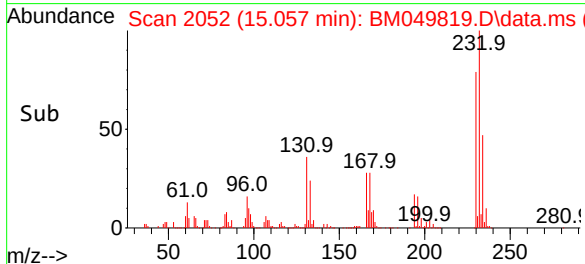
Instrument :
BNA_M
ClientSampleId :
PB167436BS



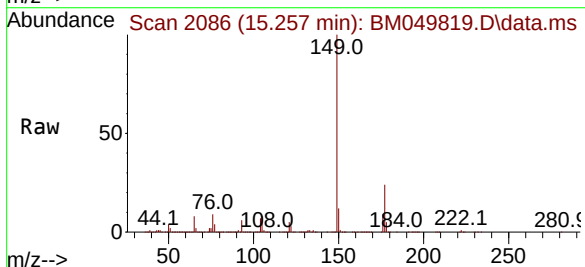
Tgt Ion:232 Resp: 76827
Ion Ratio Lower Upper
232 100
131 36.3 30.0 45.0
130 1.9 1.6 2.4
166 28.9 22.5 33.7

Manual Integrations
APPROVED

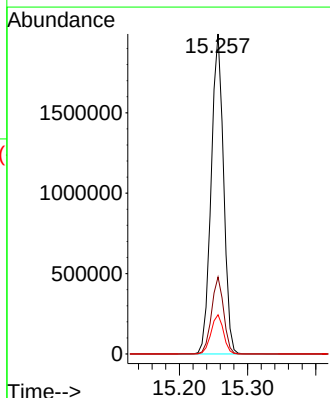
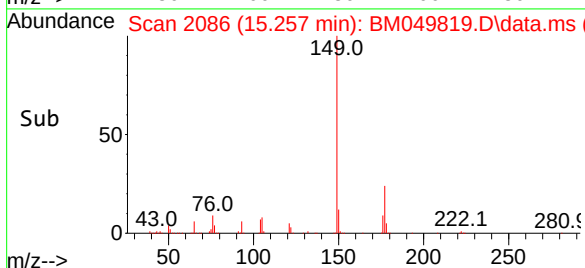
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

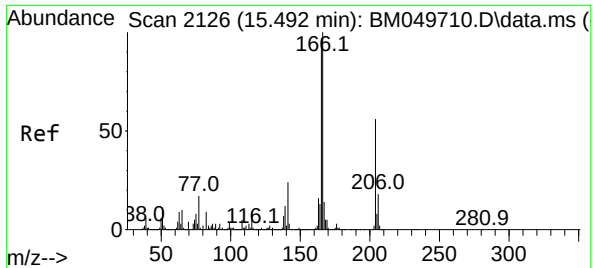


#60
Diethylphthalate
Concen: 47.352 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



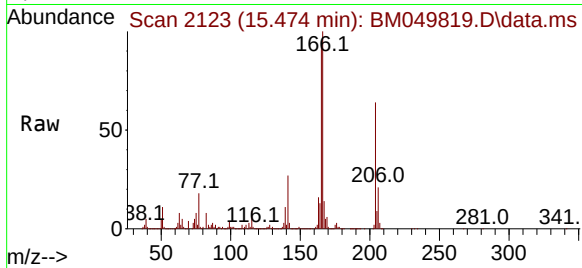
Tgt Ion:149 Resp: 2513172
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.2
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.664 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

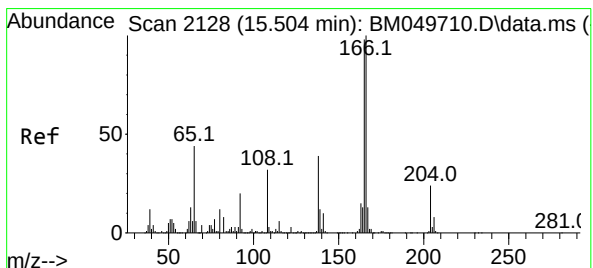
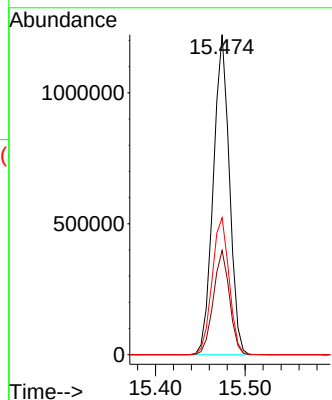
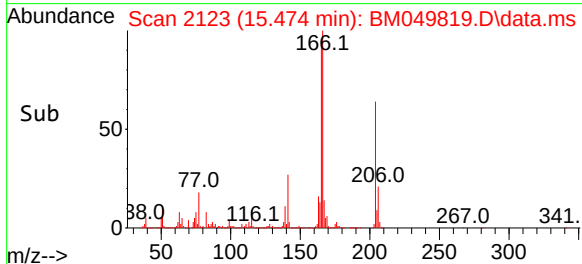
Instrument :
BNA_M
ClientSampleId :
PB167436BS



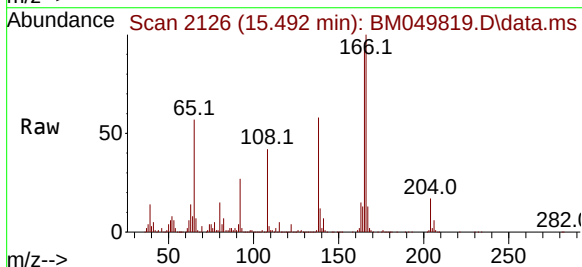
Tgt Ion:204 Resp: 152296
Ion Ratio Lower Upper
204 100
206 32.5 25.2 37.8
141 42.8 34.5 51.7

Manual Integrations
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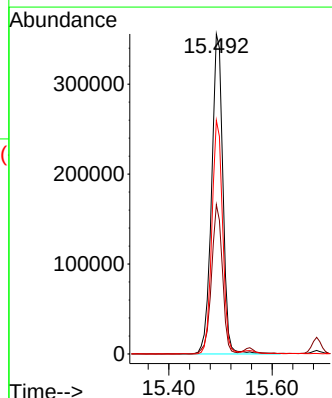
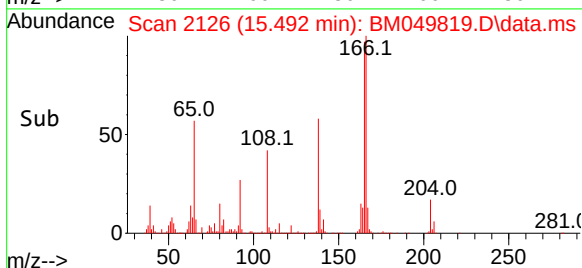
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

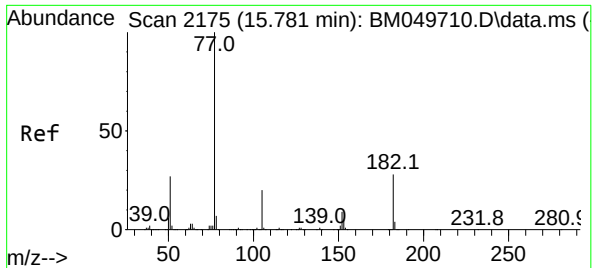


#62
4-Nitroaniline
Concen: 42.688 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



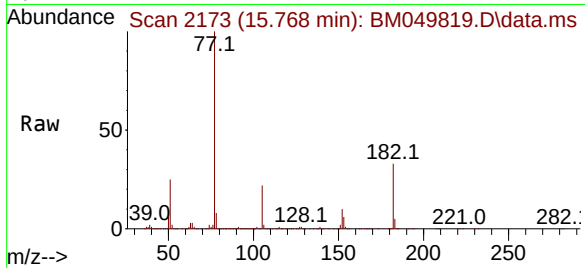
Tgt Ion:138 Resp: 539975
Ion Ratio Lower Upper
138 100
92 46.7 29.8 69.8
108 73.0 61.3 101.3





#63
Azobenzene
Concen: 43.206 ng
RT: 15.768 min Scan# 2173
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

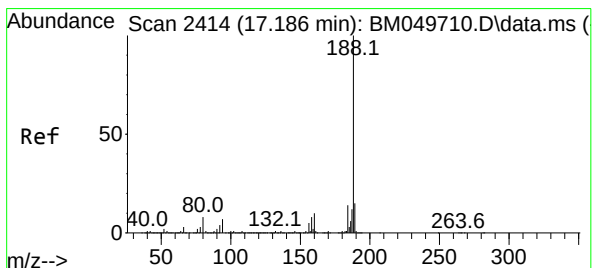
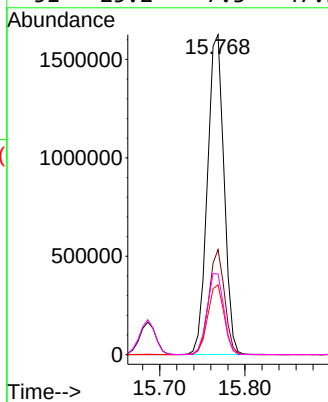
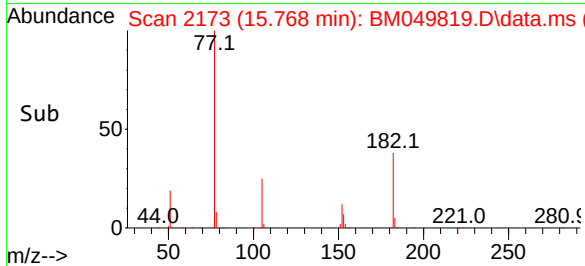
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion: 77 Resp: 2190312
Ion Ratio Lower Upper
77 100
182 32.9 8.0 48.0
105 21.8 0.0 40.0
51 25.2 7.3 47.3

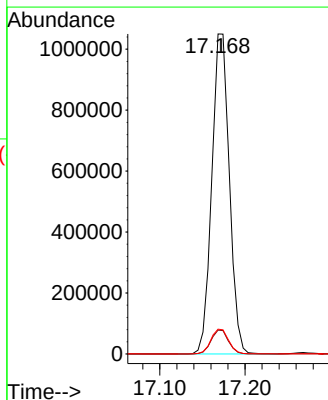
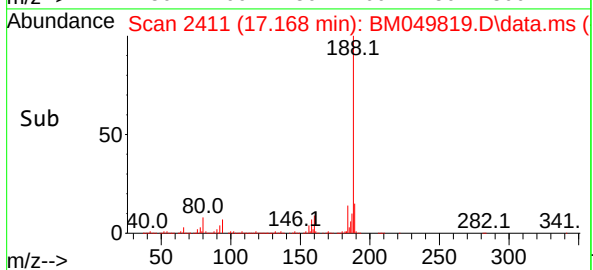
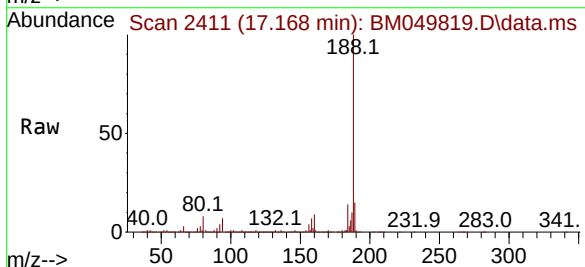
Manual Integrations
APPROVED

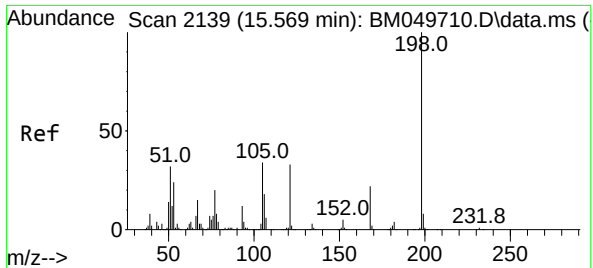
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

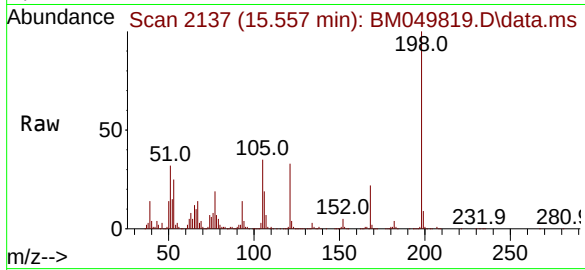
Tgt Ion:188 Resp: 1501690
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 7.8 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 51.997 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

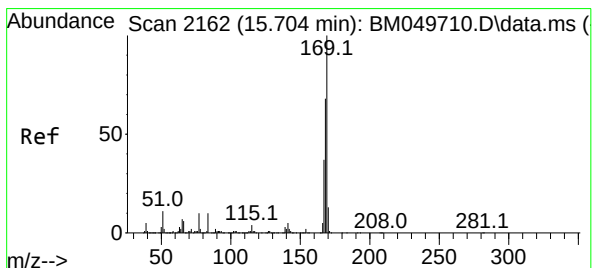
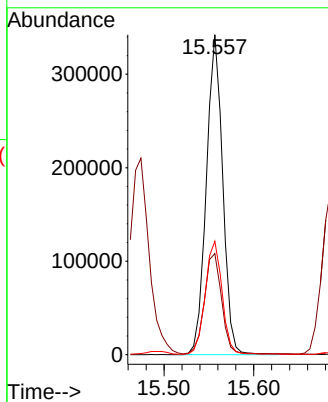
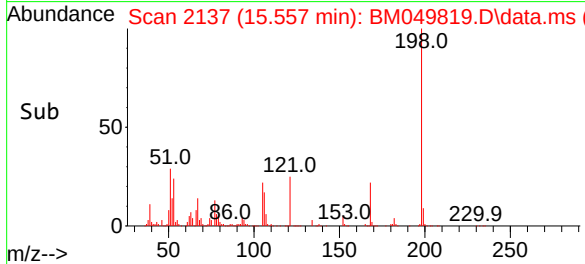
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:198 Resp: 434111
Ion Ratio Lower Upper
198 100
51 31.6 13.8 53.8
105 35.5 14.0 54.0

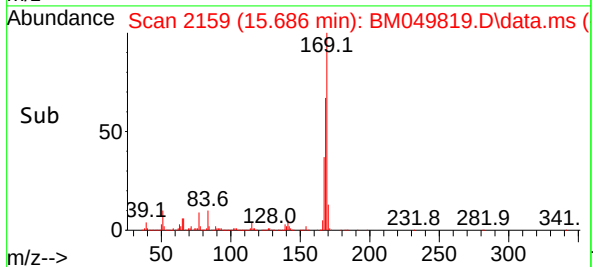
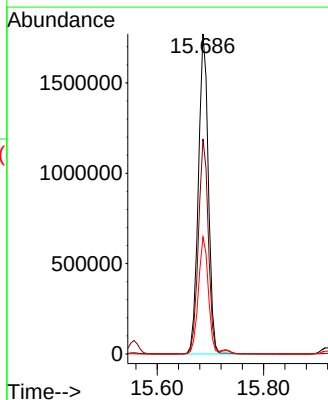
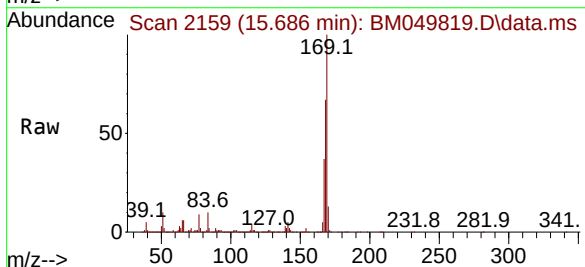
Manual Integrations
APPROVED

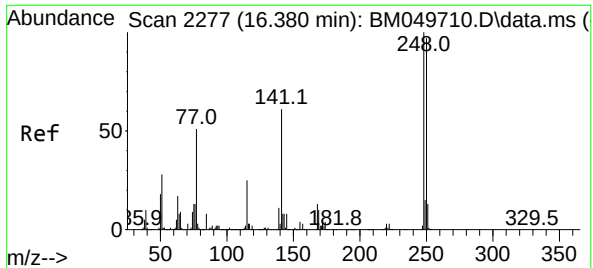
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#66
n-Nitrosodiphenylamine
Concen: 50.362 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

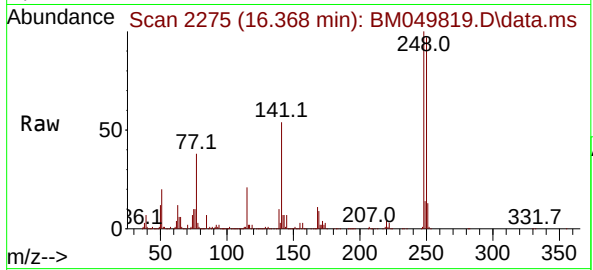
Tgt Ion:169 Resp: 2291375
Ion Ratio Lower Upper
169 100
168 67.2 54.8 82.2
167 36.6 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 50.129 ng
RT: 16.368 min Scan# 211
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

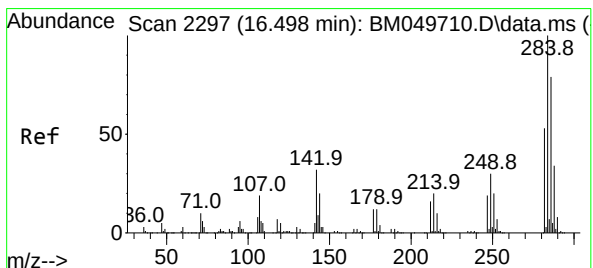
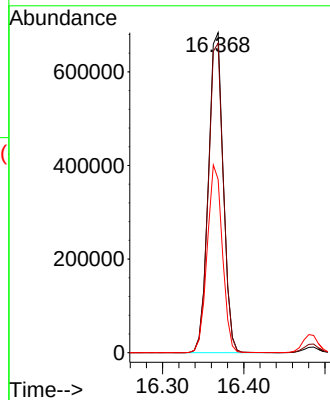
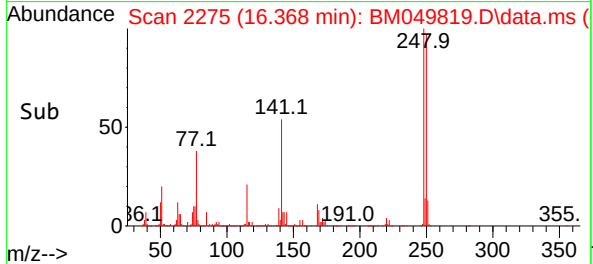
Instrument :
BNA_M
ClientSampleId :
PB167436BS



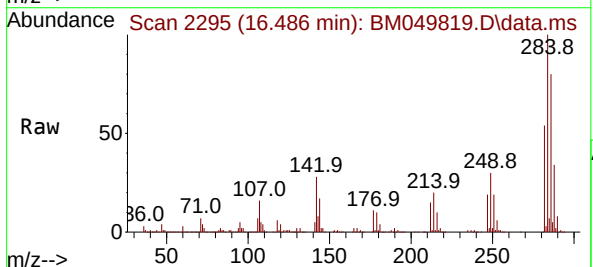
Tgt Ion:248 Resp: 86913
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 54.2 48.6 73.0

Manual Integrations
APPROVED

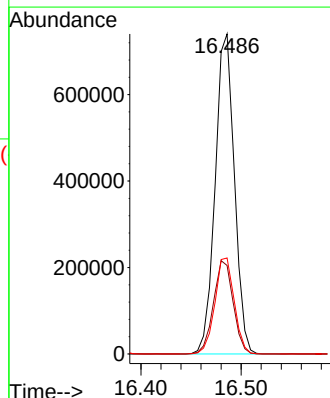
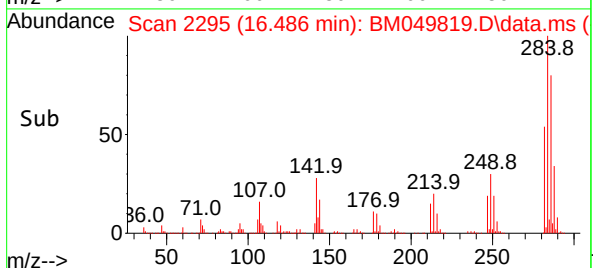
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

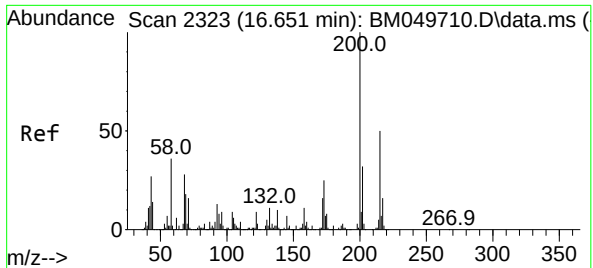


#68
Hexachlorobenzene
Concen: 50.469 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



Tgt Ion:284 Resp: 983982
Ion Ratio Lower Upper
284 100
142 27.6 25.5 38.3
249 30.0 24.2 36.2





#69

Atrazine

Concen: 80.195 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

Tgt Ion:200 Resp: 804110

Ion Ratio Lower Upper

200 100

173 25.0 5.4 45.4

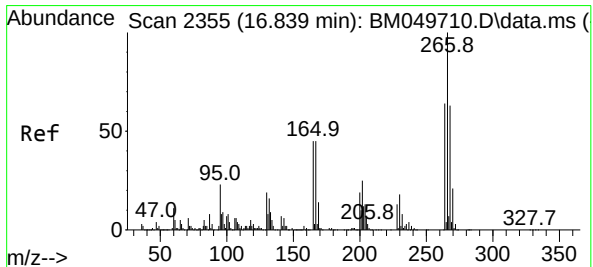
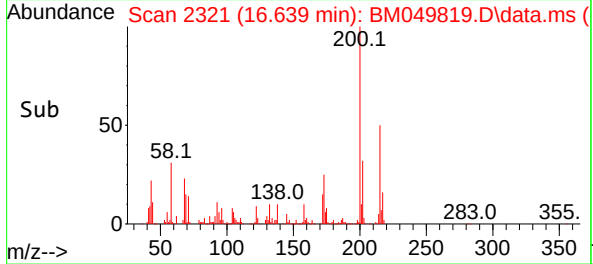
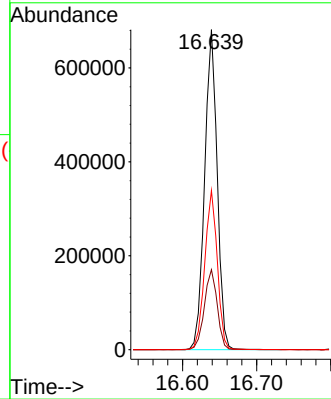
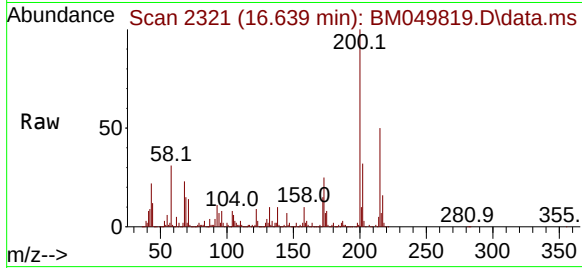
215 49.8 29.8 69.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#70

Pentachlorophenol

Concen: 114.507 ng

RT: 16.827 min Scan# 2353

Delta R.T. -0.012 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56

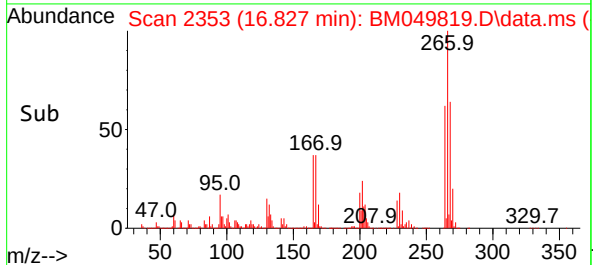
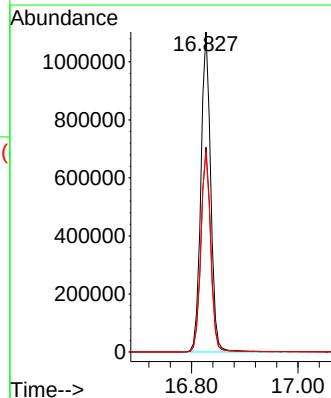
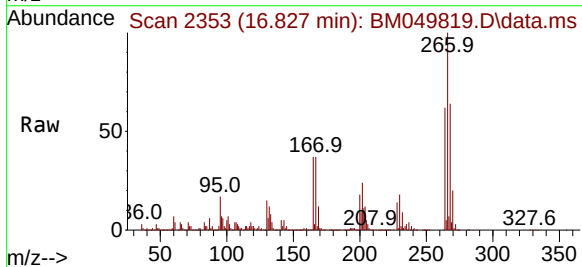
Tgt Ion:266 Resp: 1402990

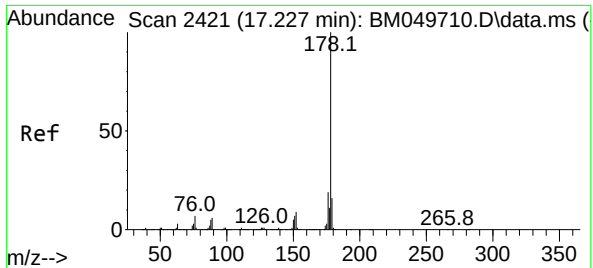
Ion Ratio Lower Upper

266 100

268 64.0 50.2 75.2

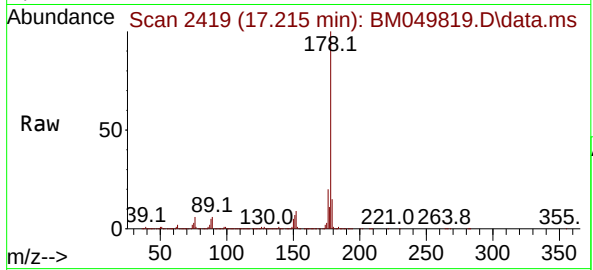
264 62.3 51.3 76.9





#71
Phenanthrene
Concen: 48.975 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

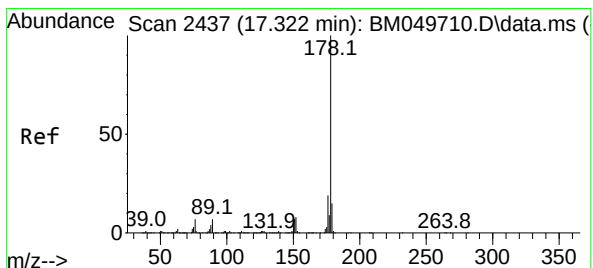
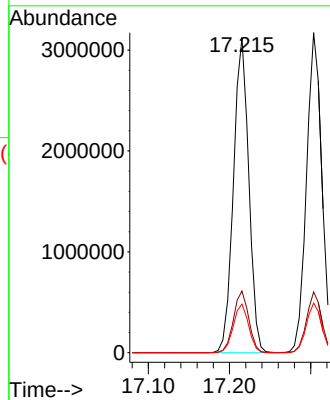
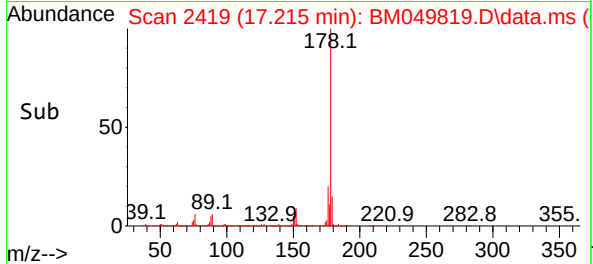
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:178 Resp: 4083770
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.4 12.5 18.7

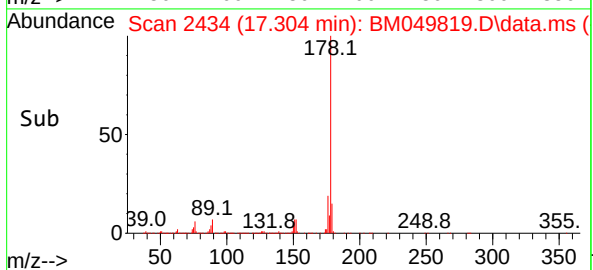
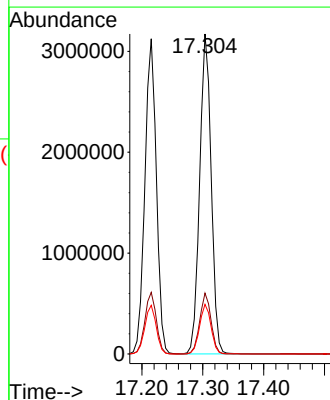
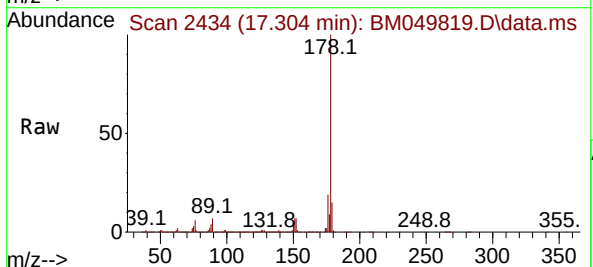
Manual Integrations
APPROVED

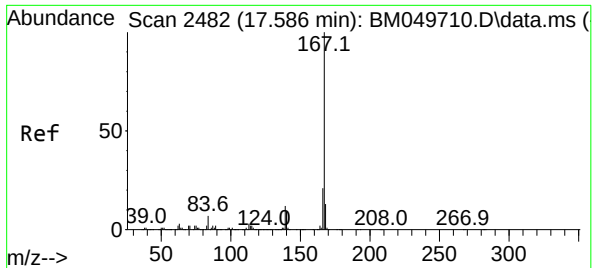
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#72
Anthracene
Concen: 51.621 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

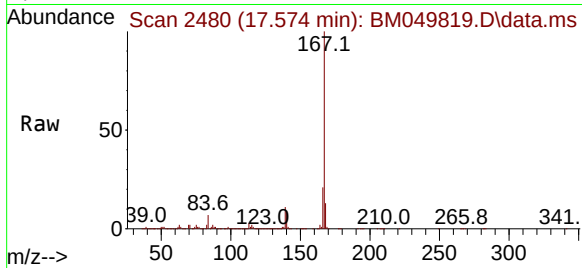
Tgt Ion:178 Resp: 4168596
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.4 18.6





#73
Carbazole
Concen: 50.798 ng
RT: 17.574 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

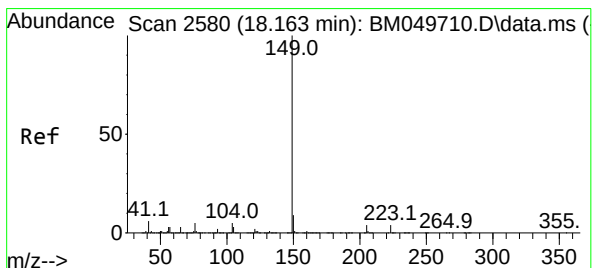
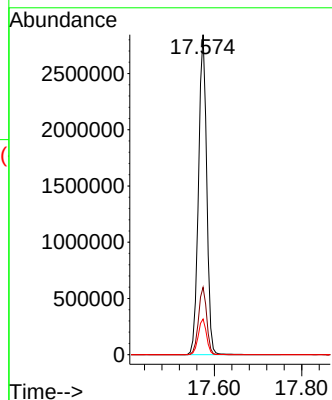
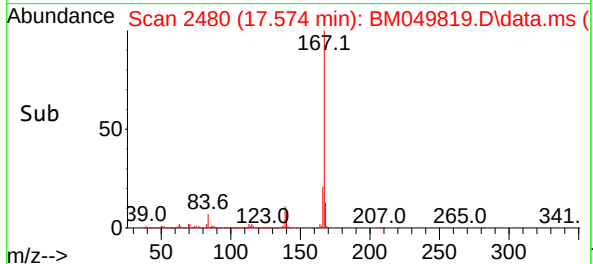
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:167 Resp: 371506
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 11.2 9.4 14.2

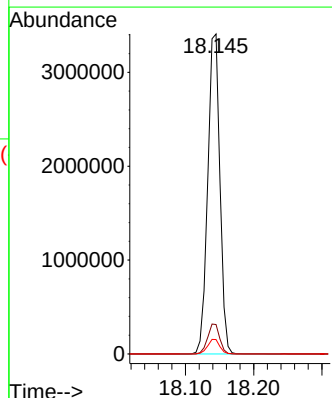
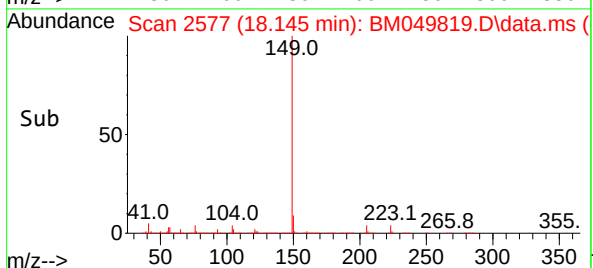
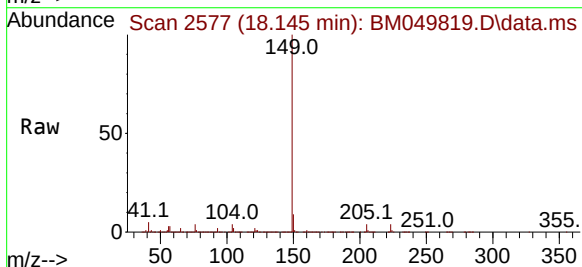
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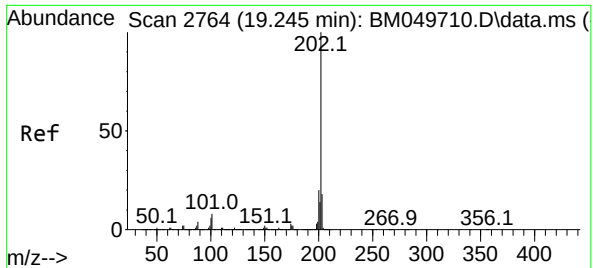
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#74
Di-n-butylphthalate
Concen: 52.717 ng
RT: 18.145 min Scan# 2577
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

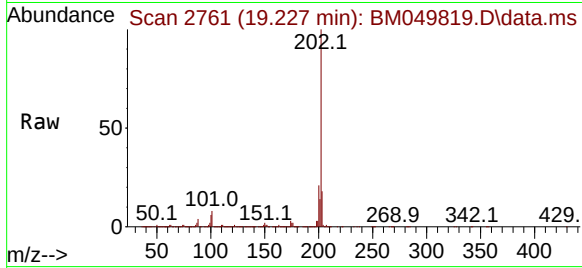
Tgt Ion:149 Resp: 4225661
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 4.5 3.9 5.9





#75
Fluoranthene
Concen: 49.169 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

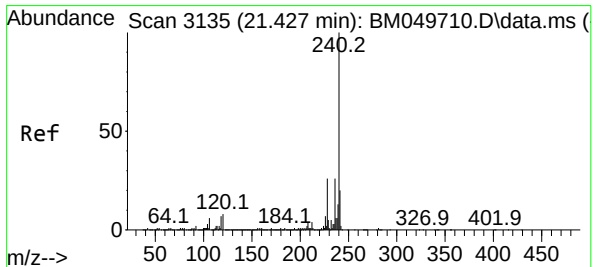
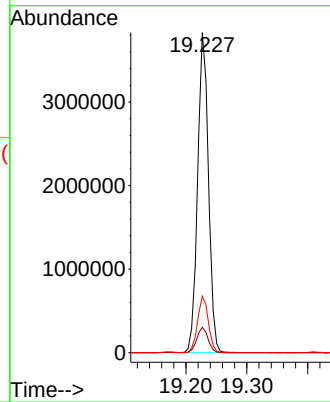
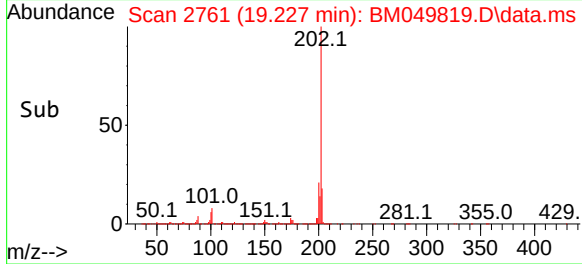
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:202 Resp: 4720250
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.8
203 17.7 0.0 37.6

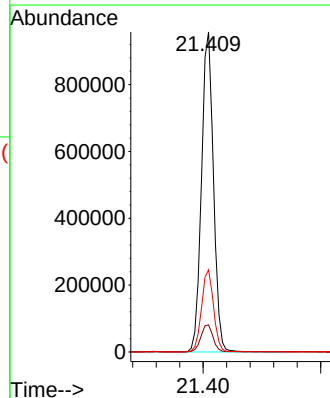
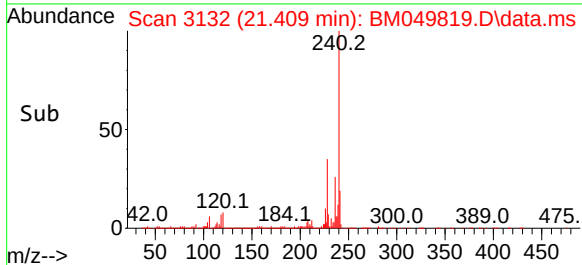
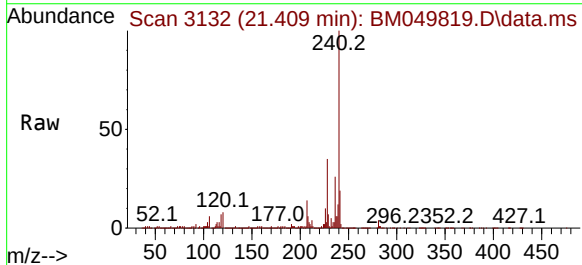
Manual Integrations
APPROVED

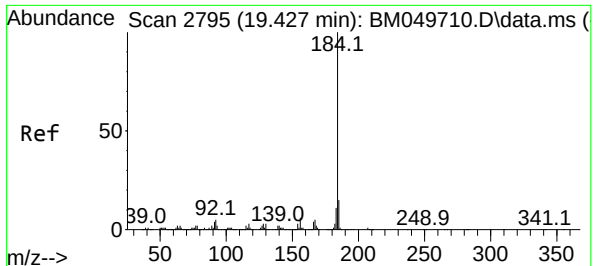
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

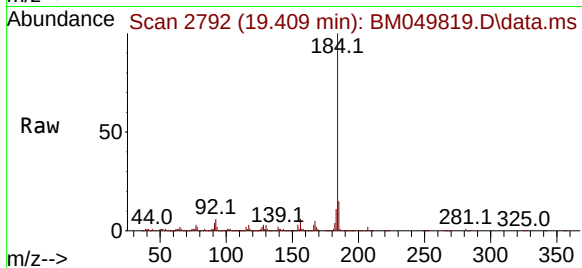
Tgt Ion:240 Resp: 1349007
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 25.7 20.7 31.1





#77
Benzidine
Concen: 101.208 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

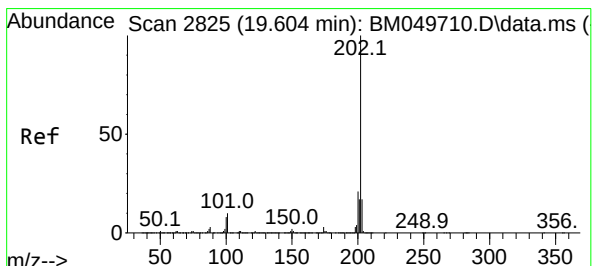
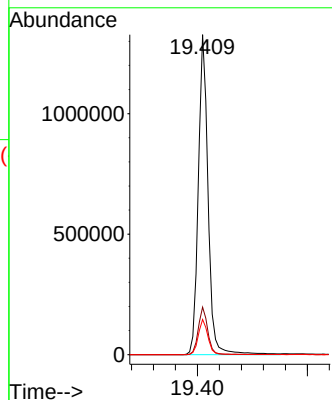
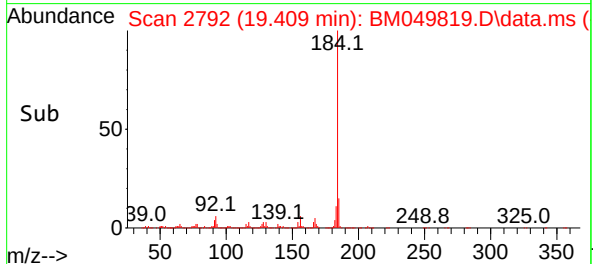
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:184 Resp: 1640274
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 11.0 8.8 13.2

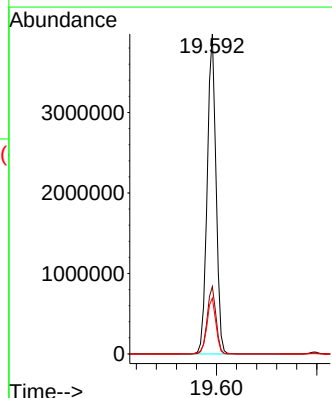
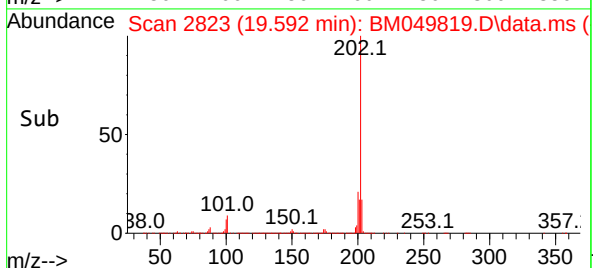
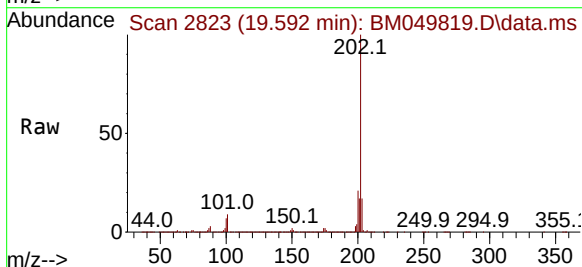
Manual Integrations
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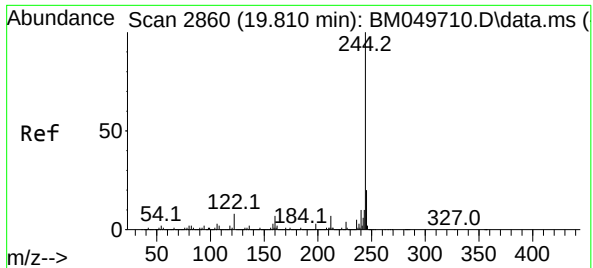
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#78
Pyrene
Concen: 51.462 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:202 Resp: 4850230
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.5 14.0 21.0





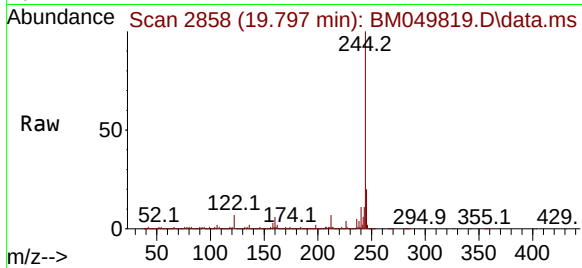
#79
Terphenyl-d14
Concen: 104.801 ng
RT: 19.797 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS

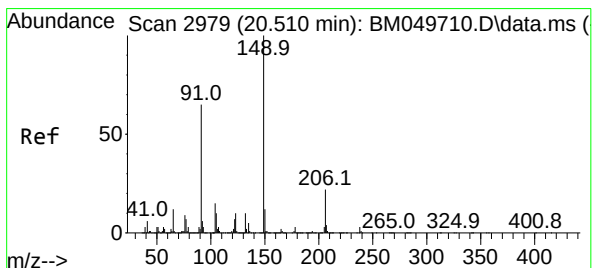
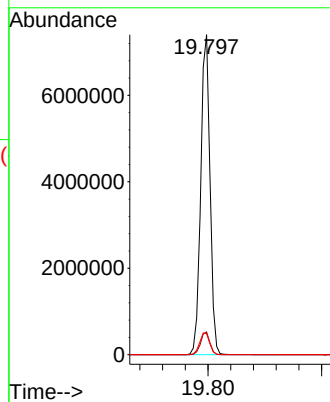
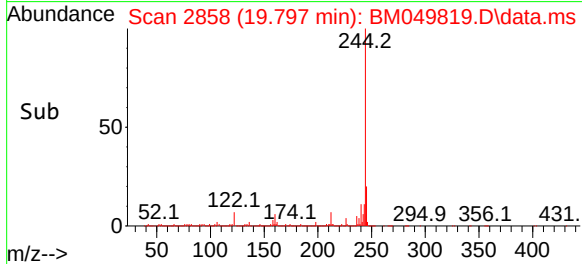


Tgt Ion:244 Resp: 838974
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 6.6 6.0 9.0

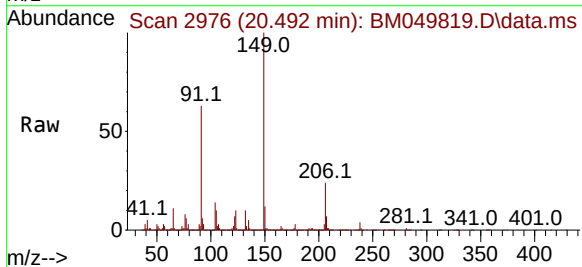
Manual Integrations

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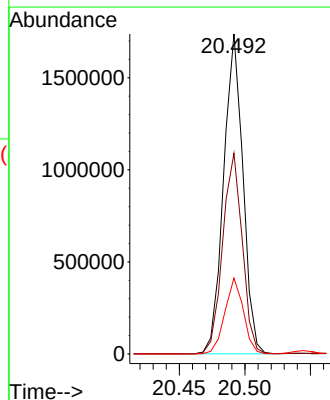
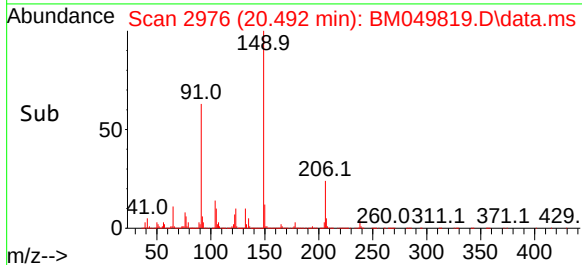
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

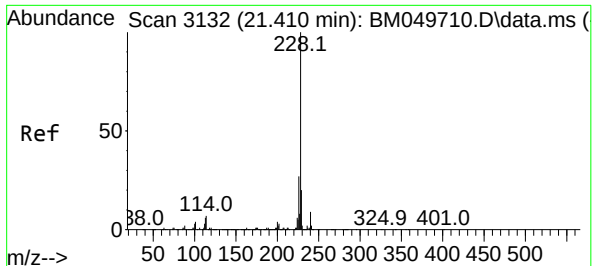


#80
Butylbenzylphthalate
Concen: 60.735 ng
RT: 20.492 min Scan# 2976
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56



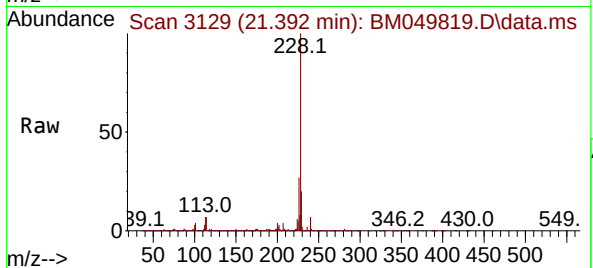
Tgt Ion:149 Resp: 1776453
Ion Ratio Lower Upper
149 100
91 62.7 52.2 78.4
206 23.7 17.6 26.4





#81
Benzo(a)anthracene
Concen: 51.109 ng
RT: 21.392 min Scan# 3115
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

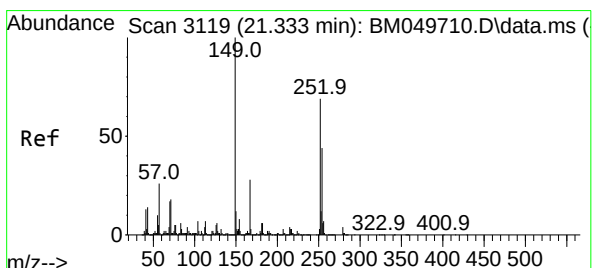
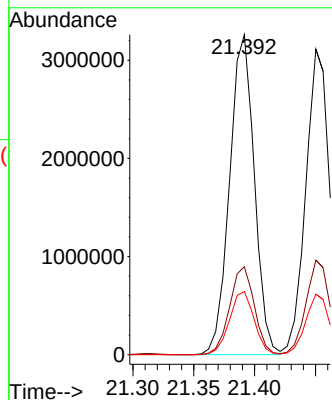
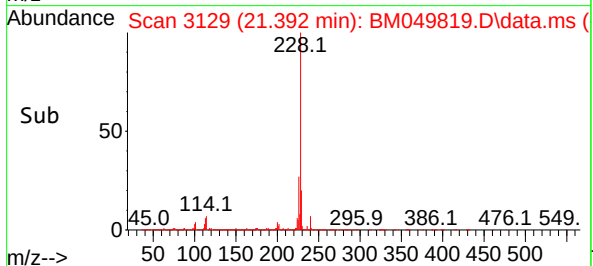
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:228 Resp: 4605140
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 19.8 15.8 23.8

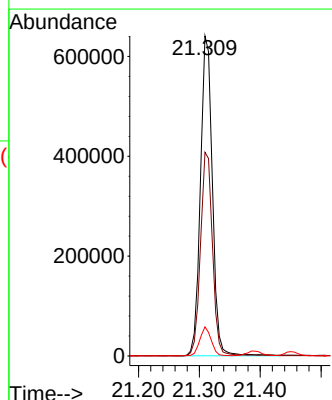
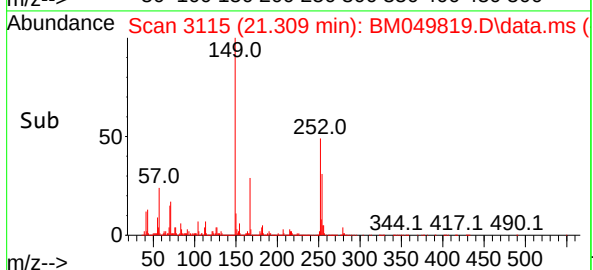
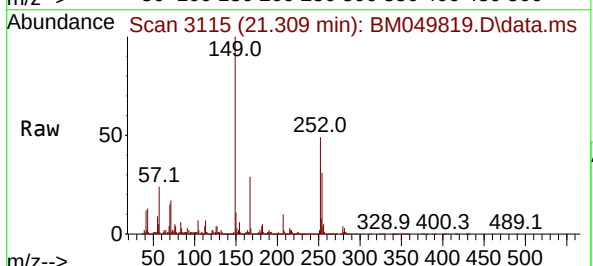
Manual Integrations
APPROVED

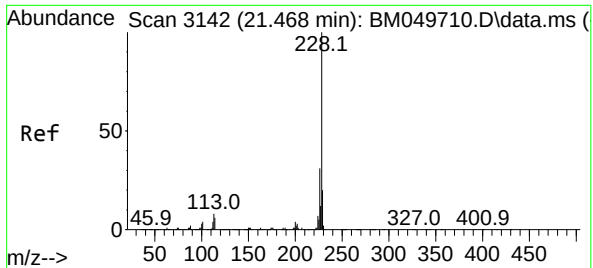
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#82
3,3'-Dichlorobenzidine
Concen: 29.696 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

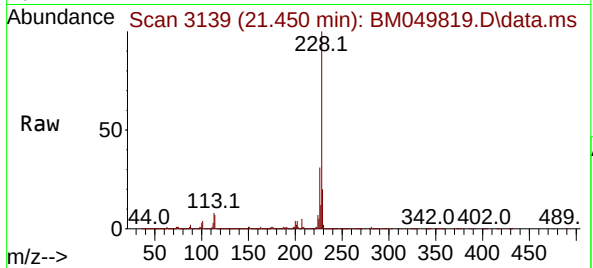
Tgt Ion:252 Resp: 871157
Ion Ratio Lower Upper
252 100
254 63.6 51.0 76.4
126 9.1 6.3 9.5





#83
Chrysene
Concen: 49.808 ng
RT: 21.450 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

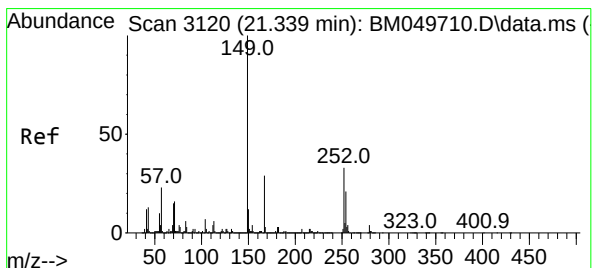
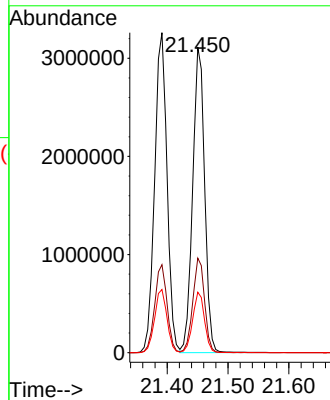
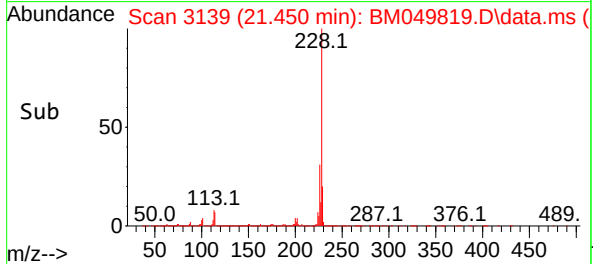
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:228 Resp: 4254284
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 19.8 15.8 23.6

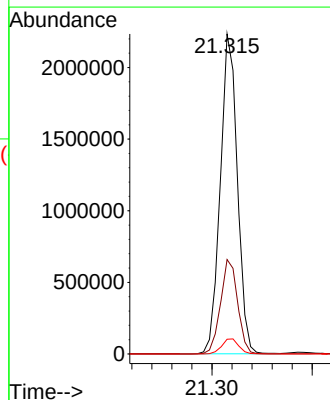
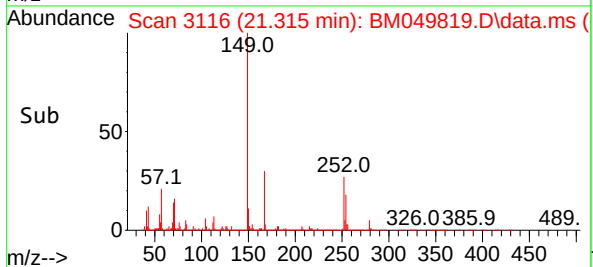
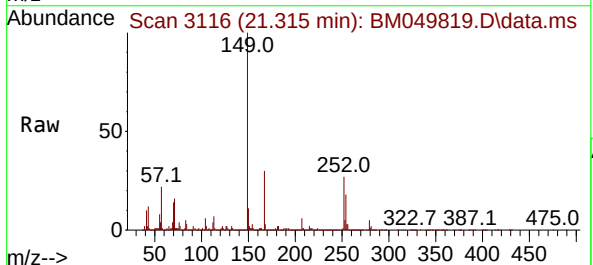
Manual Integrations
APPROVED

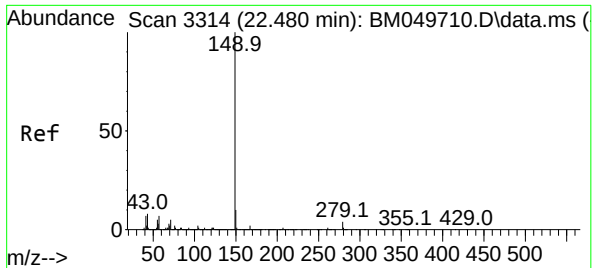
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.804 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.024 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

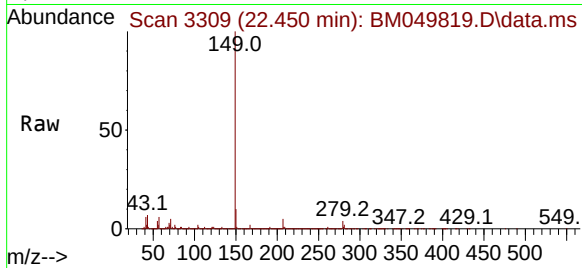
Tgt Ion:149 Resp: 2634928
Ion Ratio Lower Upper
149 100
167 29.5 22.9 34.3
279 4.6 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 61.464 ng
RT: 22.450 min Scan# 31
Delta R.T. -0.030 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

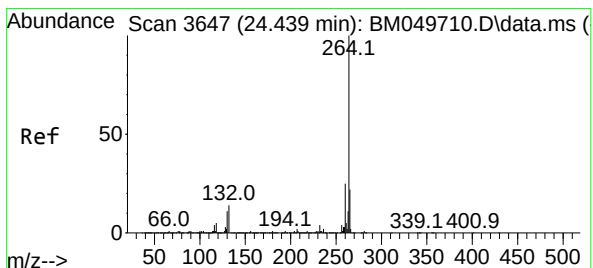
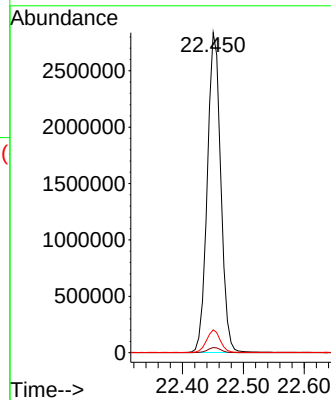
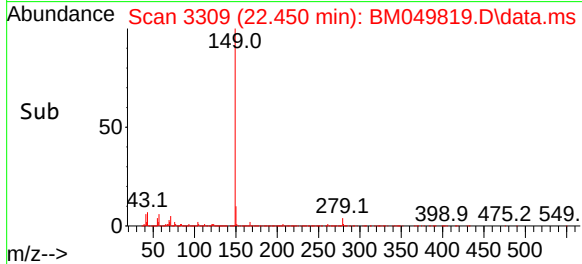
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:149 Resp: 4354670
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.1 6.8 10.2

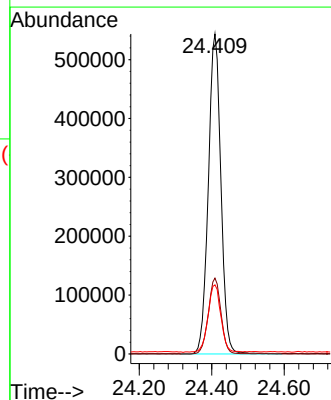
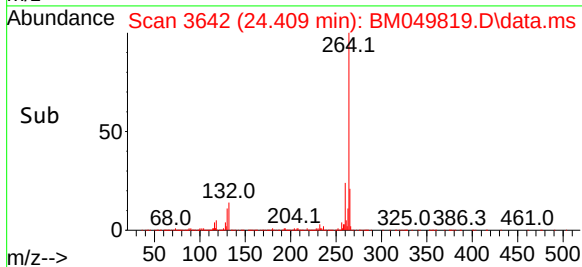
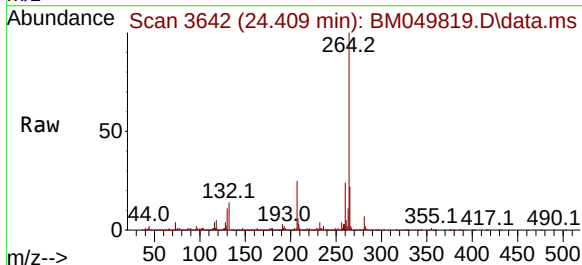
Manual Integrations
APPROVED

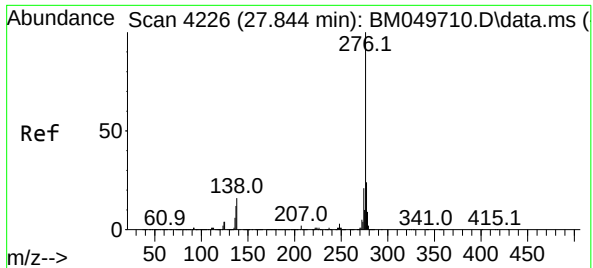
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.409 min Scan# 3642
Delta R.T. -0.030 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

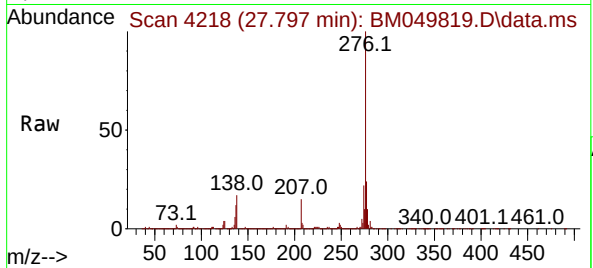
Tgt Ion:264 Resp: 1305543
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.6 18.2 27.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.934 ng
RT: 27.797 min Scan# 41
Delta R.T. -0.047 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

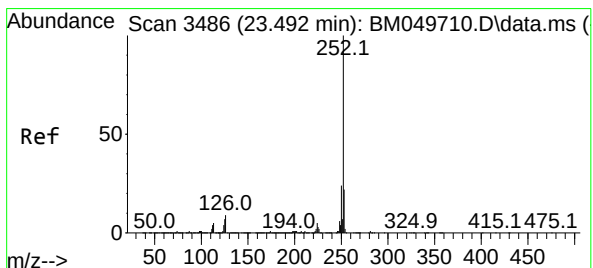
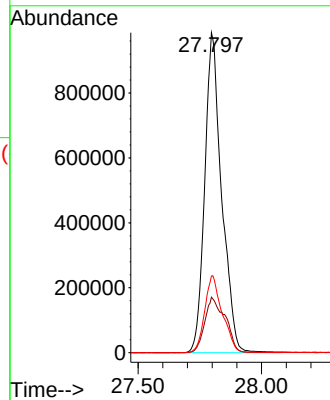
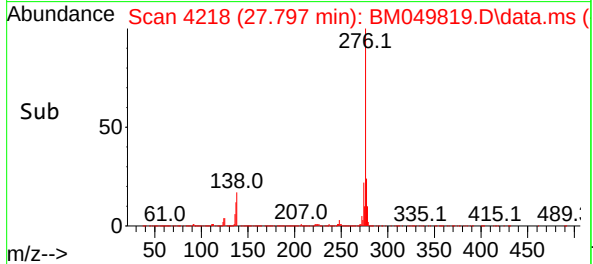
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:276 Resp: 4692110
Ion Ratio Lower Upper
276 100
138 20.9 16.3 24.5
277 25.0 19.9 29.9

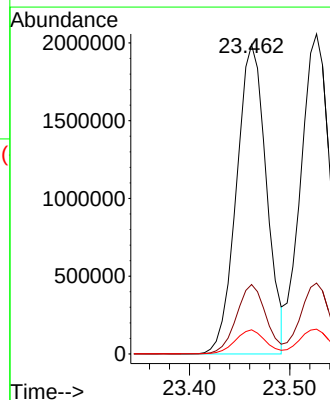
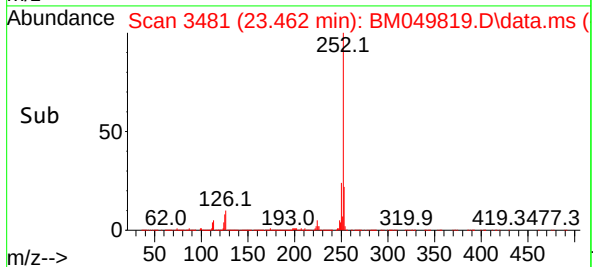
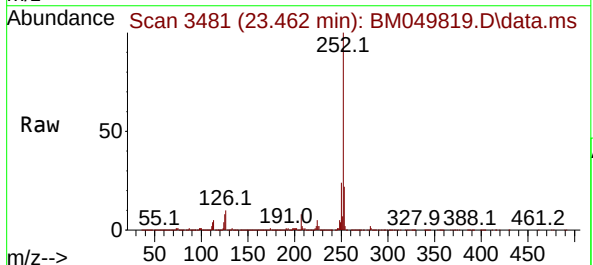
Manual Integrations
APPROVED

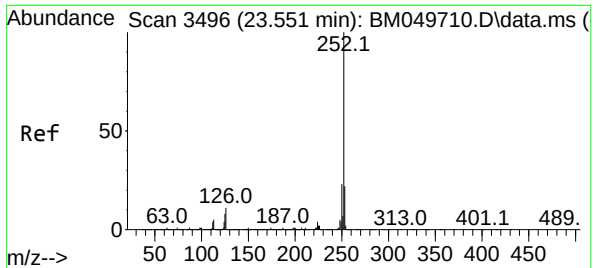
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#88
Benzo(b)fluoranthene
Concen: 46.939 ng
RT: 23.462 min Scan# 3481
Delta R.T. -0.030 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:252 Resp: 4127442
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 7.8 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 48.545 ng

RT: 23.527 min Scan# 34

Delta R.T. -0.024 min

Lab File: BM049819.D

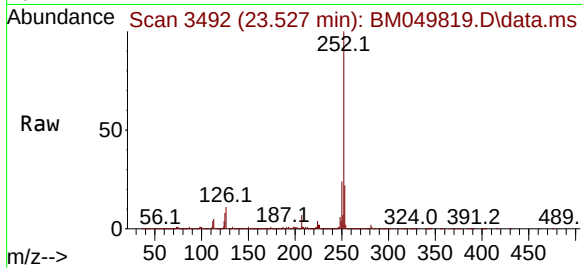
Acq: 04 Apr 2025 11:56

Instrument :

BNA_M

ClientSampleId :

PB167436BS



Tgt Ion:252 Resp: 420033

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

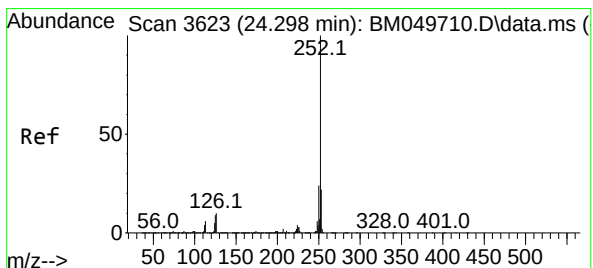
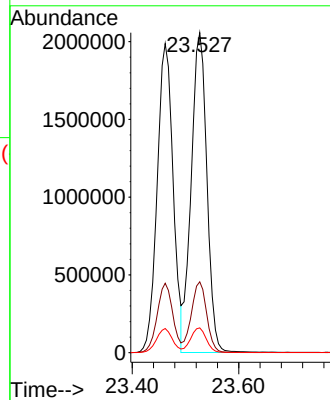
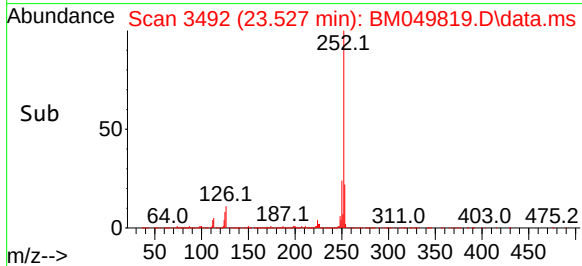
125 7.8 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#90

Benzo(a)pyrene

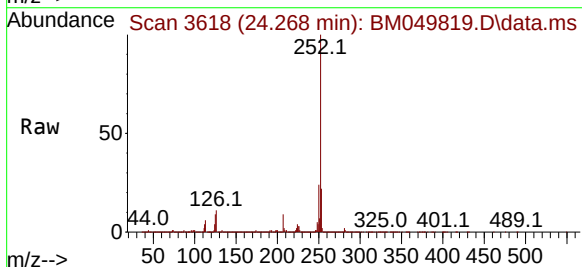
Concen: 53.453 ng

RT: 24.268 min Scan# 3618

Delta R.T. -0.030 min

Lab File: BM049819.D

Acq: 04 Apr 2025 11:56



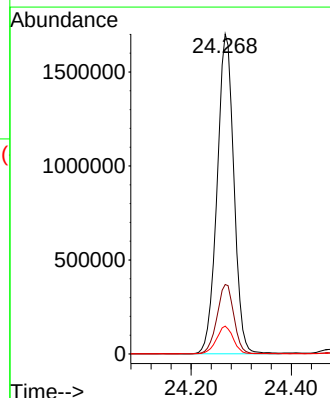
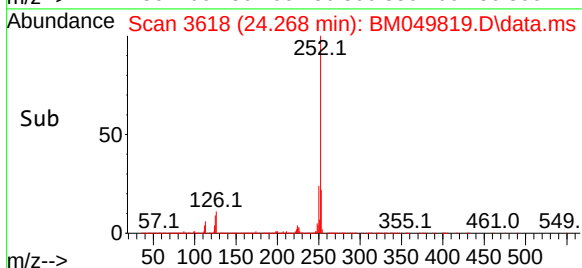
Tgt Ion:252 Resp: 3948054

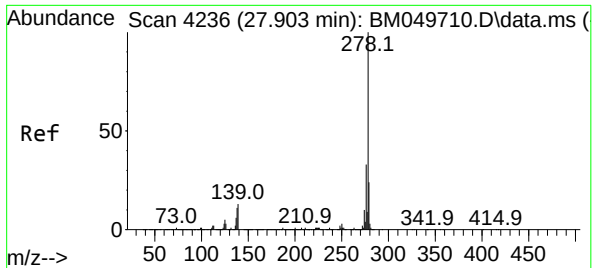
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

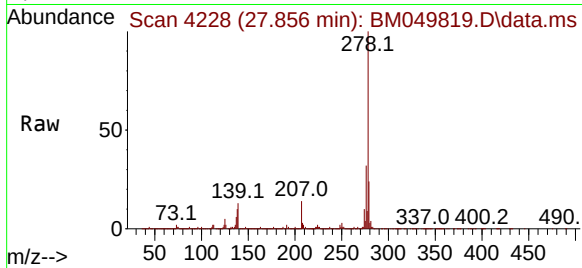
125 8.7 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 49.331 ng
RT: 27.856 min Scan# 41
Delta R.T. -0.047 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

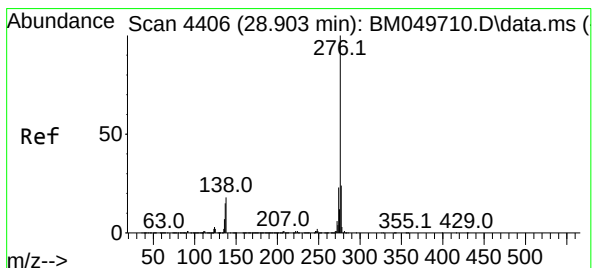
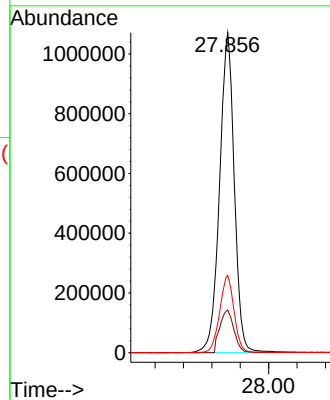
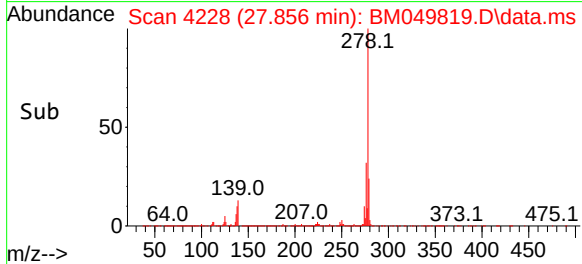
Instrument :
BNA_M
ClientSampleId :
PB167436BS



Tgt Ion:278 Resp: 386208
Ion Ratio Lower Upper
278 100
139 13.3 10.1 15.1
279 24.1 19.1 28.7

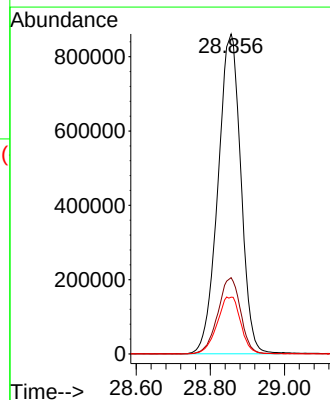
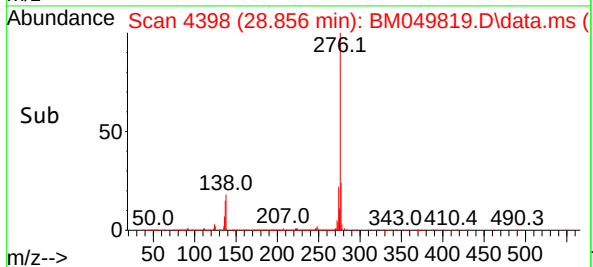
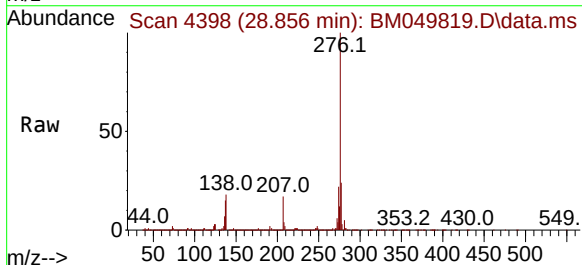
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#92
Benzo(g,h,i)perylene
Concen: 46.738 ng
RT: 28.856 min Scan# 4398
Delta R.T. -0.047 min
Lab File: BM049819.D
Acq: 04 Apr 2025 11:56

Tgt Ion:276 Resp: 3685691
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 17.8 14.0 21.0



Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	04/01/25
Project:	MTA Rockaway Park	Date Received:	04/01/25
Client Sample ID:	TP-18MS	SDG No.:	Q1698
Lab Sample ID:	Q1694-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	88.1
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049831.D	1	04/03/25 09:25	04/04/25 19:56	PB167436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1.00		0.015	0.12	mg/Kg
208-96-8	Acenaphthylene	1.20		0.020	0.12	mg/Kg
83-32-9	Acenaphthene	1.00		0.015	0.12	mg/Kg
86-73-7	Fluorene	1.10		0.017	0.12	mg/Kg
85-01-8	Phenanthrene	1.10		0.014	0.12	mg/Kg
120-12-7	Anthracene	1.20		0.023	0.12	mg/Kg
206-44-0	Fluoranthene	1.10		0.020	0.12	mg/Kg
129-00-0	Pyrene	1.10		0.025	0.12	mg/Kg
56-55-3	Benzo(a)anthracene	1.10		0.016	0.12	mg/Kg
218-01-9	Chrysene	1.10		0.014	0.12	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.00		0.013	0.12	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.00		0.015	0.12	mg/Kg
50-32-8	Benzo(a)pyrene	1.20		0.020	0.12	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.10		0.020	0.12	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.10		0.019	0.12	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.10		0.018	0.12	mg/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	63.0		18 - 107	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.1		20 - 109	63%	SPK: 100
1718-51-0	Terphenyl-d14	69.0		10 - 105	69%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	357000		7.792		
1146-65-2	Naphthalene-d8	1290000		10.586		
15067-26-2	Acenaphthene-d10	862000		14.433		
1517-22-2	Phenanthrene-d10	1740000		17.174		
1719-03-5	Chrysene-d12	1720000		21.415		
1520-96-3	Perylene-d12	1870000		24.421		

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	04/01/25
Project:	MTA Rockaway Park	Date Received:	04/01/25
Client Sample ID:	TP-18MS	SDG No.:	Q1698
Lab Sample ID:	Q1694-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	88.1
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049831.D	1	04/03/25 09:25	04/04/25 19:56	PB167436

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\BM040425\
 Data File : BM049831.D
 Acq On : 04 Apr 2025 19:56
 Operator : RC/JU
 Sample : Q1694-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

Quant Time: Apr 04 22:57:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	356782	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1294303	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	862231	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1735840	20.000	ng	-0.01
76) Chrysene-d12	21.415	240	1721481	20.000	ng	-0.01
86) Perylene-d12	24.421	264	1866539	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2131663	100.813	ng	-0.01
7) Phenol-d6	6.969	99	2740294	103.268	ng	-0.01
23) Nitrobenzene-d5	8.945	82	1588023	62.993	ng	-0.02
42) 2,4,6-Tribromophenol	15.921	330	1411590	140.202	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	4344581	63.104	ng	-0.01
79) Terphenyl-d14	19.798	244	7051205	69.023	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	327074	35.732	ng	96
3) Pyridine	3.669	79	905148	38.720	ng	98
4) n-Nitrosodimethylamine	3.575	42	369701	35.742	ng	89
6) Aniline	7.116	93	1180028	53.080	ng	97
8) 2-Chlorophenol	7.357	128	1045795	49.944	ng	97
9) Benzaldehyde	6.928	77	602975	45.965	ng	95
10) Phenol	6.992	94	1255026	48.777	ng	95
11) bis(2-Chloroethyl)ether	7.210	93	928576	44.566	ng	97
12) 1,3-Dichlorobenzene	7.681	146	1191597	46.827	ng	97
13) 1,4-Dichlorobenzene	7.828	146	1200257	46.754	ng	98
14) 1,2-Dichlorobenzene	8.139	146	1164321	47.723	ng	99
15) Benzyl Alcohol	8.028	79	844425	50.709	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1096453	44.774	ng	98
17) 2-Methylphenol	8.239	107	813160	53.232	ng	96
18) Hexachloroethane	8.869	117	379254	41.834	ng	89
19) n-Nitroso-di-n-propyla...	8.598	70	710167	46.154	ng	96
20) 3+4-Methylphenols	8.563	107	1111107	54.276	ng	95
22) Acetophenone	8.610	105	1422024	42.610	ng	97
24) Nitrobenzene	8.986	77	1020526	42.932	ng	95
25) Isophorone	9.516	82	1950869	50.402	ng	98
26) 2-Nitrophenol	9.698	139	540494	53.422	ng	96
27) 2,4-Dimethylphenol	9.769	122	887210	68.892	ng	96
28) bis(2-Chloroethoxy)met...	9.998	93	1219253	44.725	ng	98
29) 2,4-Dichlorophenol	10.239	162	1083945	51.654	ng	97
30) 1,2,4-Trichlorobenzene	10.451	180	1231870	46.920	ng	99
31) Naphthalene	10.639	128	3041164	45.695	ng	99
32) Benzoic acid	9.916	122	699773	63.892	ng	96
33) 4-Chloroaniline	10.745	127	856792	37.722	ng	97
34) Hexachlorobutadiene	10.928	225	764172	47.148	ng	99
35) Caprolactam	11.528	113	296534	60.865	ng	# 87
36) 4-Chloro-3-methylphenol	11.880	107	950287	52.769	ng	97
37) 2-Methylnaphthalene	12.251	142	2045877	43.962	ng	98
38) 1-Methylnaphthalene	12.475	142	2129077	47.419	ng	98
40) 1,2,4,5-Tetrachloroben...	12.622	216	1428498	45.104	ng	98
41) Hexachlorocyclopentadiene	12.604	237	575323	49.034	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	937302	52.841	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049831.D
 Acq On : 04 Apr 2025 19:56
 Operator : RC/JU
 Sample : Q1694-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

Quant Time: Apr 04 22:57:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

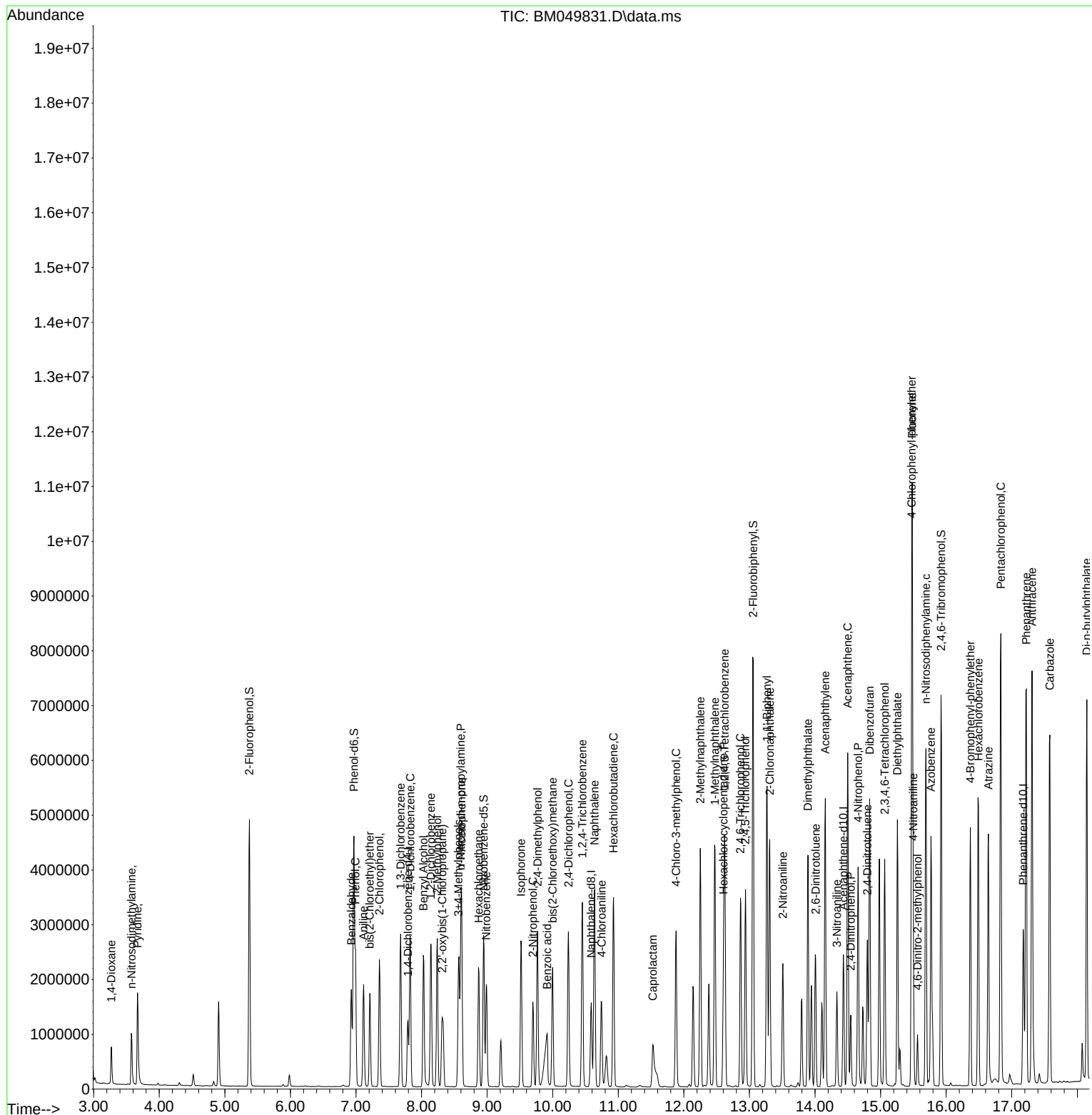
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	1020135	52.702	ng	97
46) 1,1'-Biphenyl	13.269	154	2987687	44.959	ng	98
47) 2-Chloronaphthalene	13.310	162	2383788	46.086	ng	100
48) 2-Nitroaniline	13.510	65	577604	49.744	ng	88
49) Acenaphthylene	14.157	152	3769193	52.133	ng	99
50) Dimethylphthalate	13.892	163	2800425	47.174	ng	100
51) 2,6-Dinitrotoluene	14.010	165	601714	50.586	ng	# 86
52) Acenaphthene	14.498	154	2182044	46.011	ng	98
53) 3-Nitroaniline	14.333	138	447415	39.527	ng	98
54) 2,4-Dinitrophenol	14.545	184	308689	49.273	ng	91
55) Dibenzofuran	14.833	168	3584928	45.365	ng	97
56) 4-Nitrophenol	14.657	139	1123672	114.046	ng	88
57) 2,4-Dinitrotoluene	14.798	165	850613	55.574	ng	92
58) Fluorene	15.480	166	3001109	46.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	871198	53.768	ng	97
60) Diethylphthalate	15.257	149	2672859	47.806	ng	97
61) 4-Chlorophenyl-phenyle...	15.474	204	1639431	46.663	ng	98
62) 4-Nitroaniline	15.498	138	572410	42.933	ng	91
63) Azobenzene	15.768	77	2601003	48.704	ng	94
65) 4,6-Dinitro-2-methylph...	15.563	198	226523	27.920	ng	97
66) n-Nitrosodiphenylamine	15.692	169	2516077	47.841	ng	98
67) 4-Bromophenyl-phenylether	16.368	248	999084	49.851	ng	97
68) Hexachlorobenzene	16.492	284	1133078	50.276	ng	95
69) Atrazine	16.645	200	925169	79.821	ng	99
70) Pentachlorophenol	16.833	266	1588260	112.143	ng	98
71) Phenanthrene	17.221	178	4636151	48.099	ng	100
72) Anthracene	17.309	178	4759687	50.990	ng	100
73) Carbazole	17.580	167	4282604	50.659	ng	99
74) Di-n-butylphthalate	18.145	149	4962054	53.553	ng	99
75) Fluoranthene	19.233	202	5564095	50.141	ng	99
77) Benzidine	19.421	184	5144221	248.731	ng	99
78) Pyrene	19.598	202	5692052	47.326	ng	100
80) Butylbenzylphthalate	20.492	149	2186734	58.586	ng	97
81) Benzo(a)anthracene	21.397	228	5694517	49.525	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	2248387	60.060	ng	98
83) Chrysene	21.456	228	5234523	48.024	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	3186763	54.784	ng	# 95
85) Di-n-octyl phthalate	22.456	149	5683539	62.863	ng	96
87) Indeno(1,2,3-cd)pyrene	27.826	276	6754576	50.278	ng	99
88) Benzo(b)fluoranthene	23.474	252	5602460	44.564	ng	99
89) Benzo(k)fluoranthene	23.538	252	5581332	45.118	ng	99
90) Benzo(a)pyrene	24.285	252	5372649	50.878	ng	99
91) Dibenzo(a,h)anthracene	27.879	278	5572457	49.785	ng	99
92) Benzo(g,h,i)perylene	28.885	276	5283895	46.866	ng	100

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

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 Data File : BM049831.D
 Acq On : 04 Apr 2025 19:56
 Operator : RC/JU
 Sample : Q1694-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

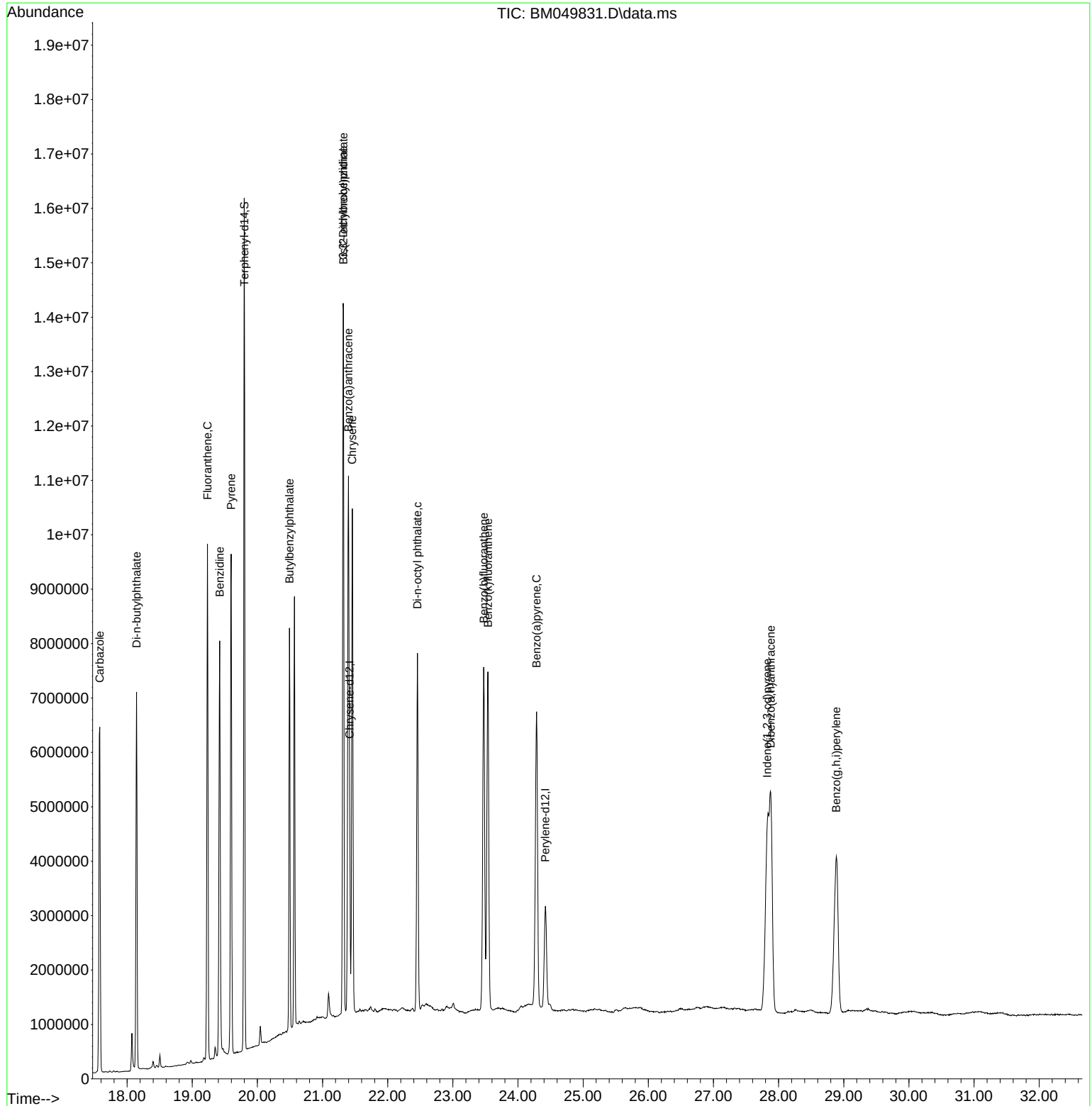
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 Response via : Initial Calibration

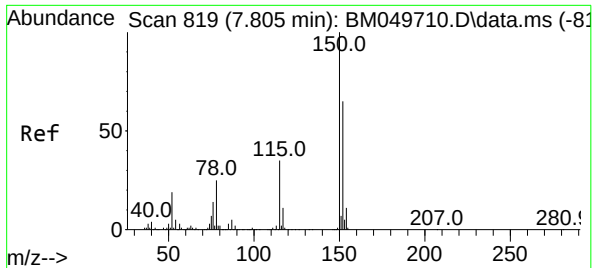


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Instrument :
BNA_M
ClientSampleId :
TP-18MS

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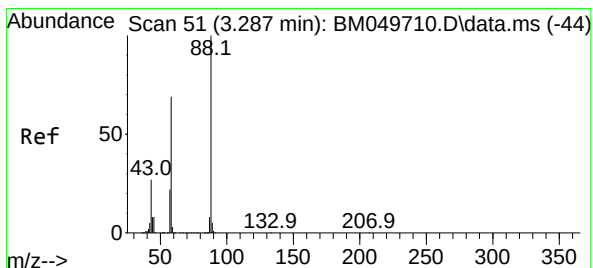
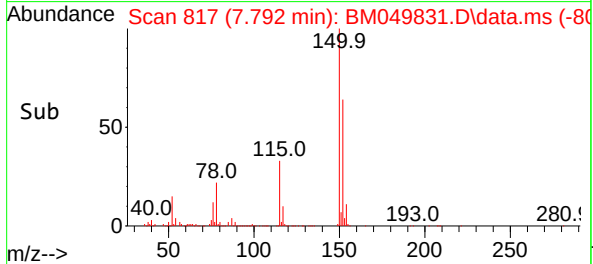
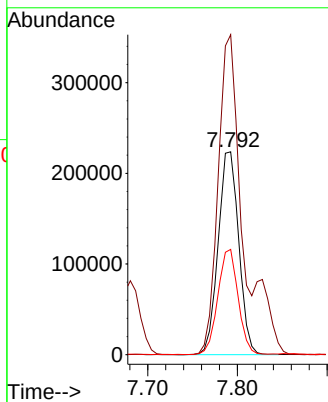
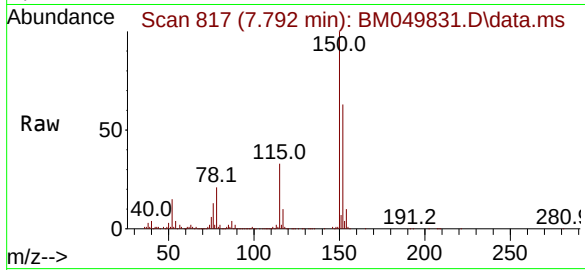




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 81
Delta R.T. -0.013 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

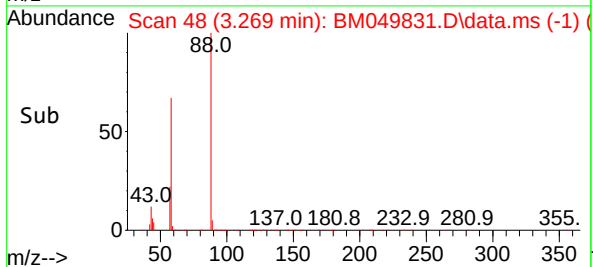
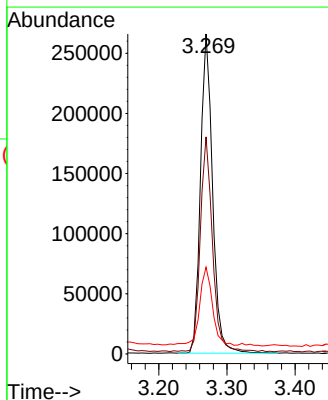
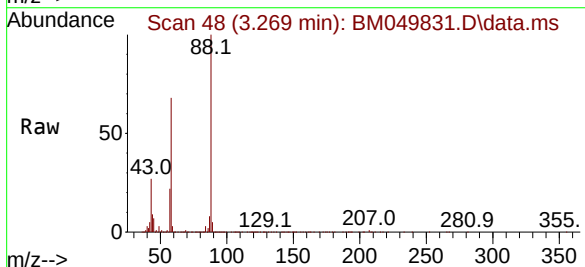
Instrument :
BNA_M
ClientSampleId :
TP-18MS

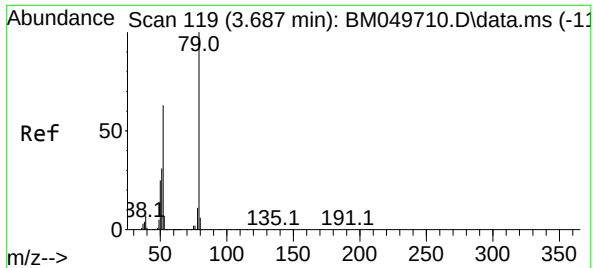
Tgt Ion:152 Resp: 356782
Ion Ratio Lower Upper
152 100
150 157.8 123.8 185.8
115 51.9 43.0 64.6



#2
1,4-Dioxane
Concen: 35.732 ng
RT: 3.269 min Scan# 48
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 88 Resp: 327074
Ion Ratio Lower Upper
88 100
58 67.9 56.7 85.1
43 25.8 22.6 34.0

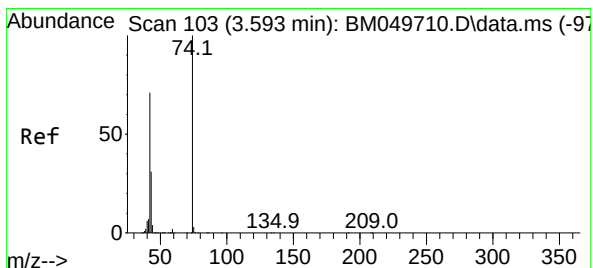
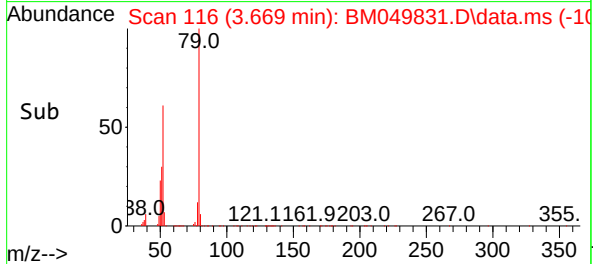
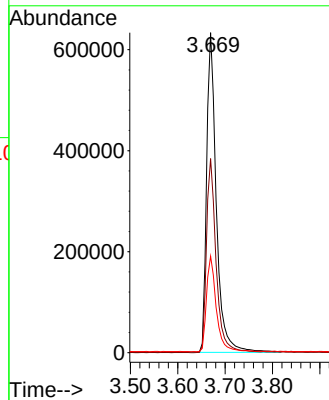
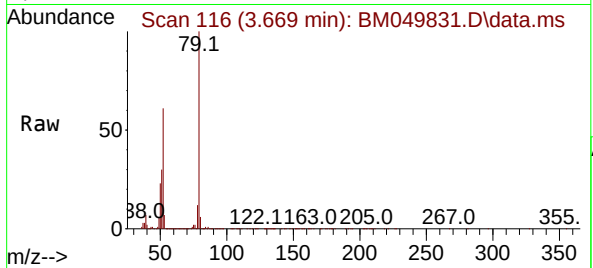




#3
Pyridine
Concen: 38.720 ng
RT: 3.669 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

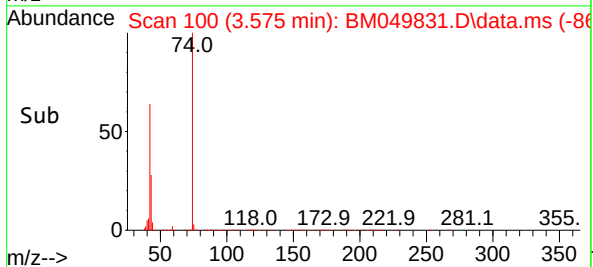
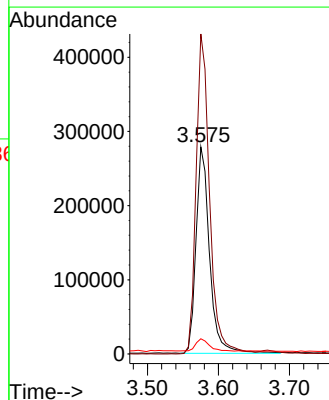
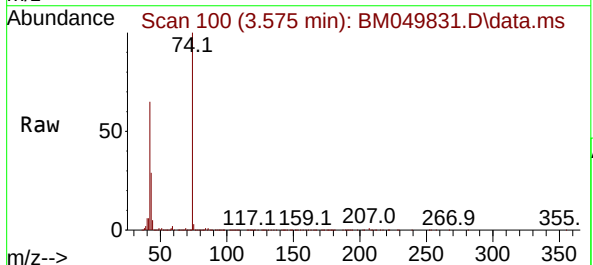
Instrument :
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ClientSampleId :
TP-18MS

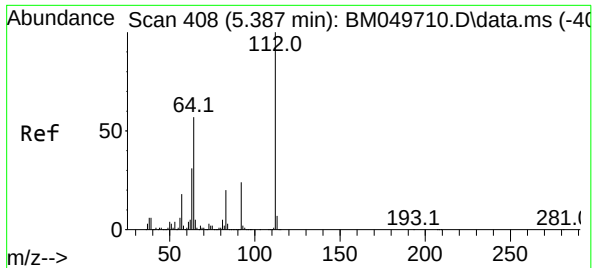
Tgt Ion: 79 Resp: 905148
Ion Ratio Lower Upper
79 100
52 60.6 50.1 75.1
51 30.2 25.2 37.8



#4
n-Nitrosodimethylamine
Concen: 35.742 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 42 Resp: 369701
Ion Ratio Lower Upper
42 100
74 154.6 112.6 168.8
44 7.4 5.0 7.6

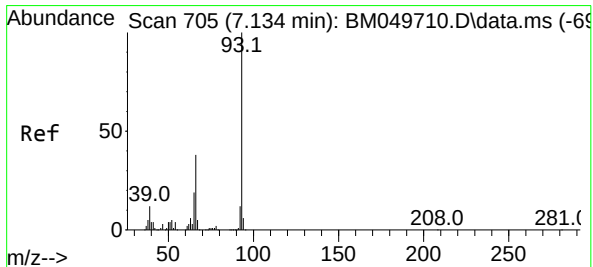
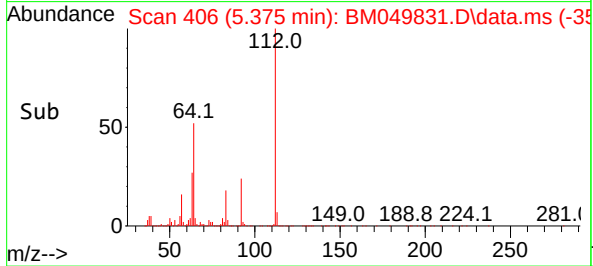
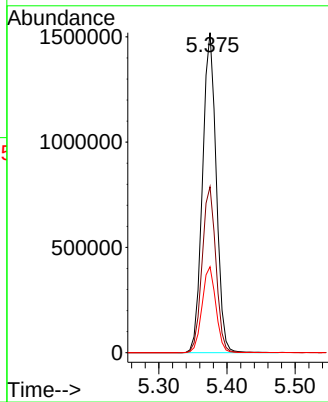
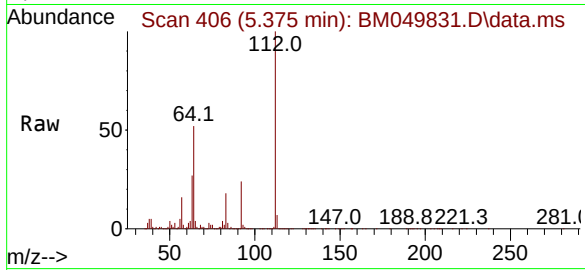




#5
2-Fluorophenol
Concen: 100.813 ng
RT: 5.375 min Scan# 408
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

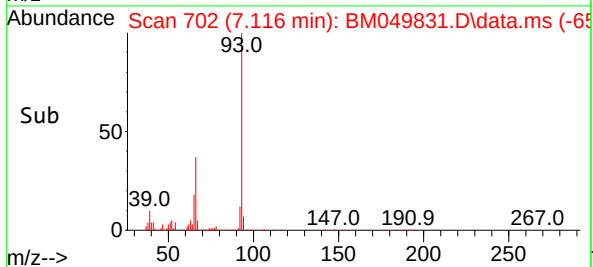
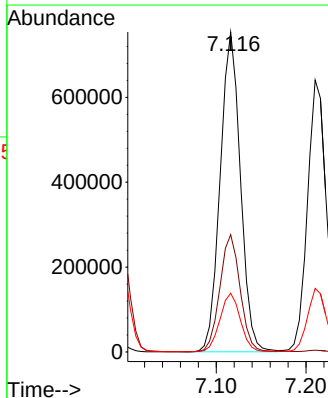
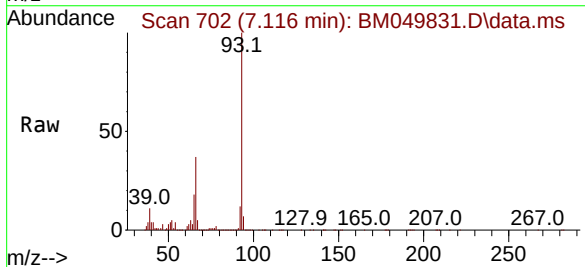
Instrument :
BNA_M
ClientSampleId :
TP-18MS

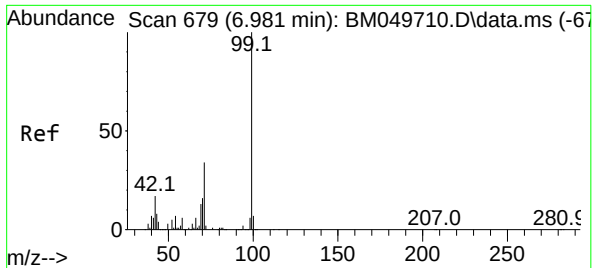
Tgt Ion:112 Resp: 2131663
Ion Ratio Lower Upper
112 100
64 51.8 45.3 67.9
63 26.9 24.4 36.6



#6
Aniline
Concen: 53.080 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 93 Resp: 1180028
Ion Ratio Lower Upper
93 100
66 36.7 30.6 46.0
65 18.3 15.4 23.2

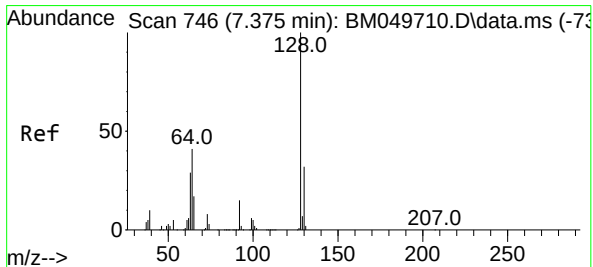
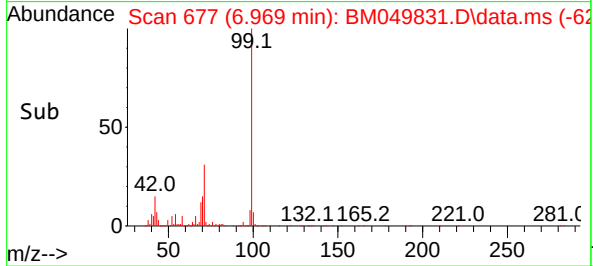
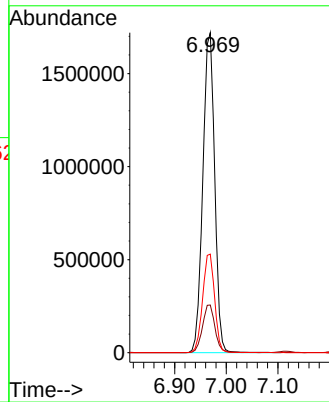
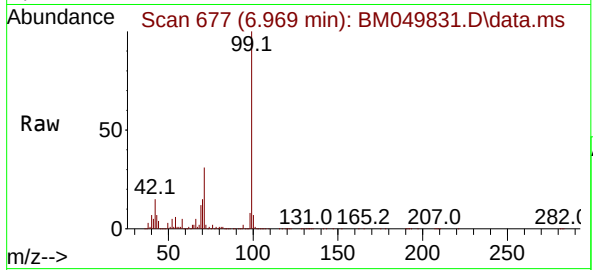




#7
Phenol-d6
Concen: 103.268 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

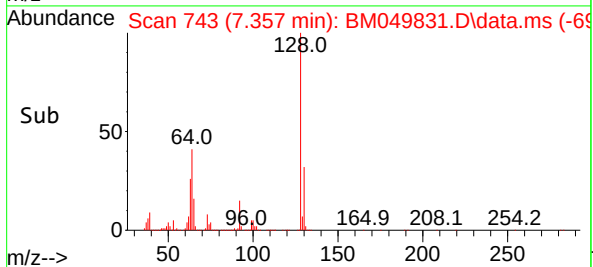
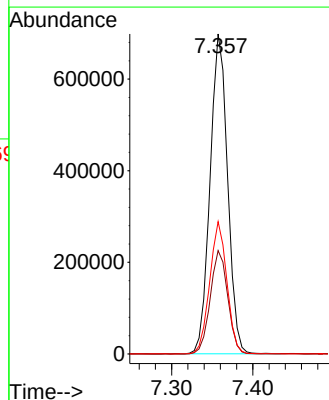
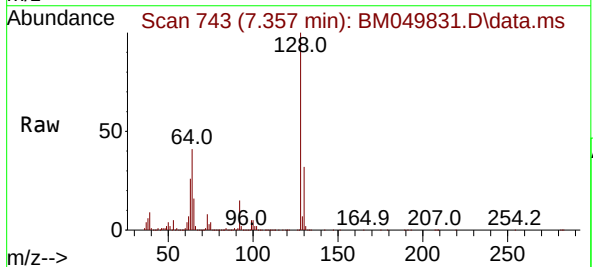
Instrument :
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ClientSampleId :
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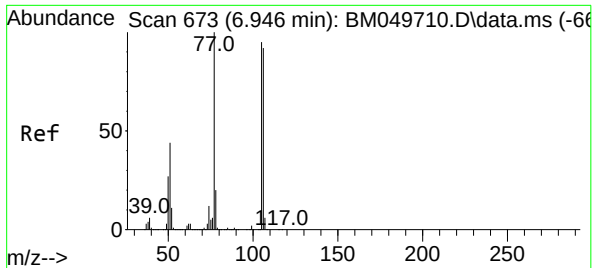
Tgt Ion: 99 Resp: 2740294
Ion Ratio Lower Upper
99 100
42 14.9 13.6 20.4
71 30.8 27.0 40.6



#8
2-Chlorophenol
Concen: 49.944 ng
RT: 7.357 min Scan# 743
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 128 Resp: 1045795
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 41.4 24.9 64.9

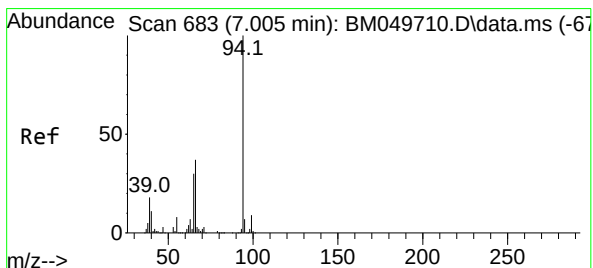
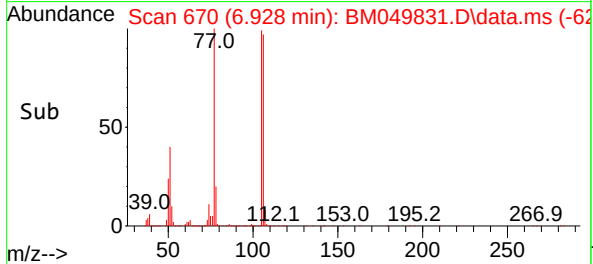
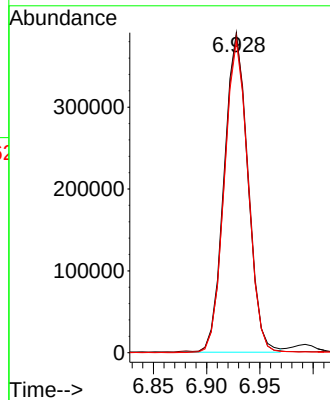
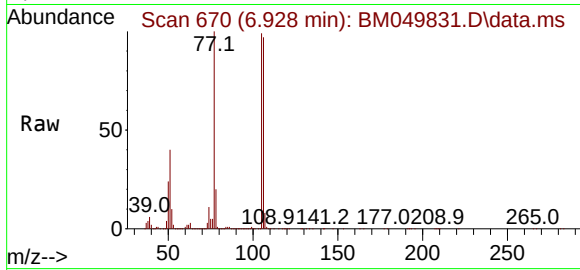




#9
Benzaldehyde
Concen: 45.965 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

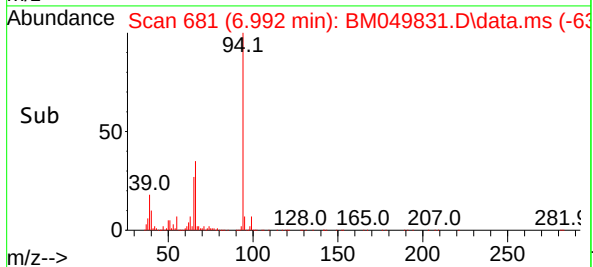
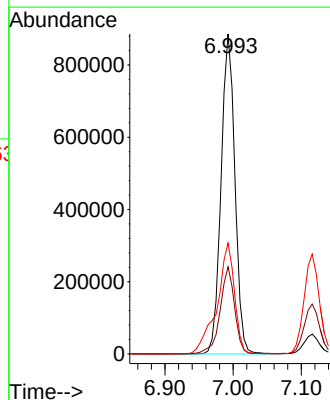
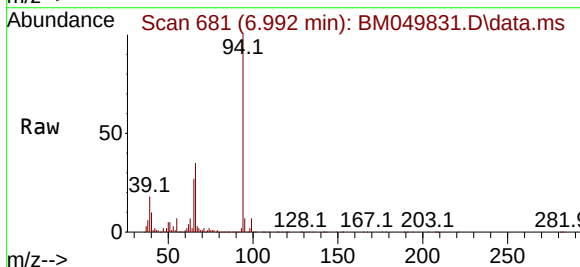
Instrument :
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ClientSampleId :
TP-18MS

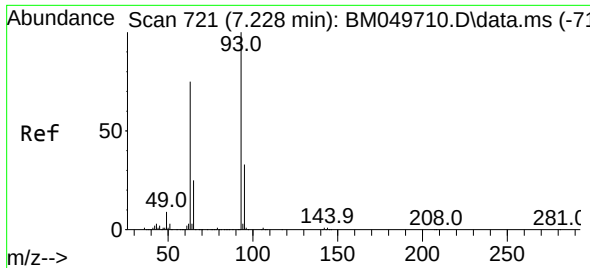
Tgt Ion: 77 Resp: 602975
Ion Ratio Lower Upper
77 100
105 99.3 75.0 115.0
106 97.3 72.3 112.3



#10
Phenol
Concen: 48.777 ng
RT: 6.992 min Scan# 681
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 94 Resp: 1255026
Ion Ratio Lower Upper
94 100
65 27.2 10.4 50.4
66 34.7 17.1 57.1

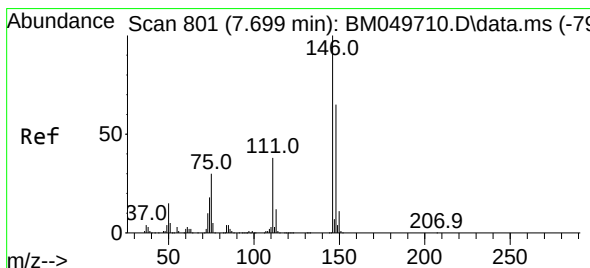
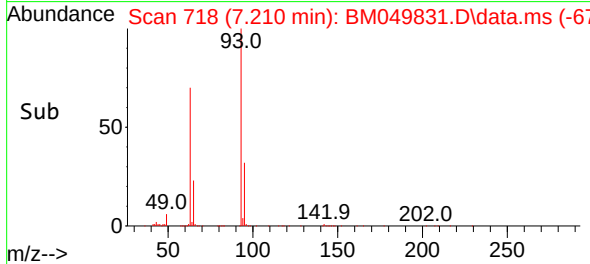
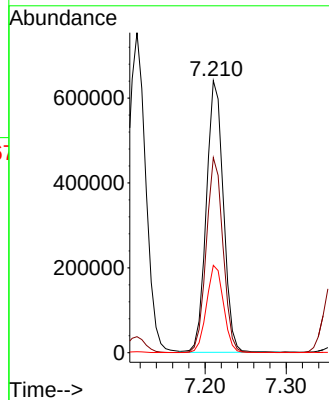
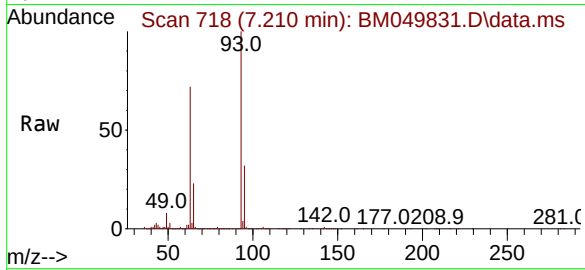




#11
bis(2-Chloroethyl)ether
Concen: 44.566 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

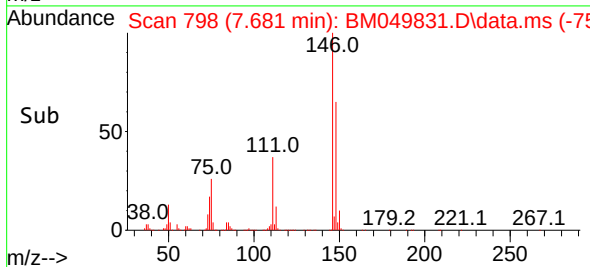
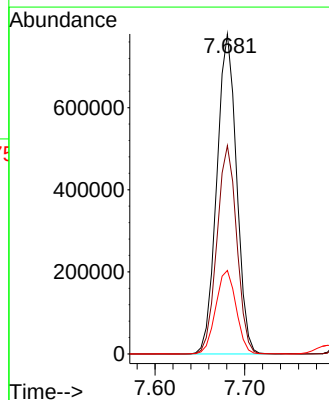
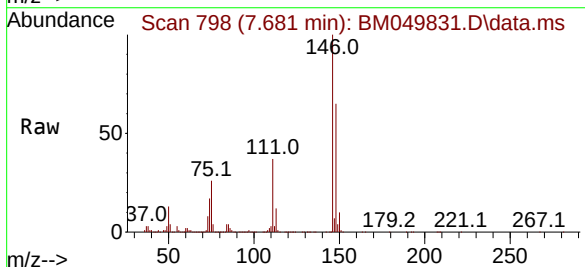
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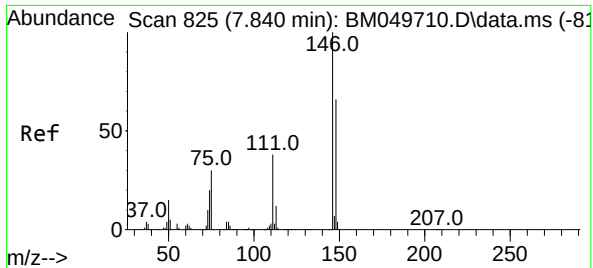
Tgt Ion: 93 Resp: 928576
Ion Ratio Lower Upper
93 100
63 71.7 54.8 94.8
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.827 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 146 Resp: 1191597
Ion Ratio Lower Upper
146 100
148 65.1 52.3 78.5
75 26.1 24.2 36.2

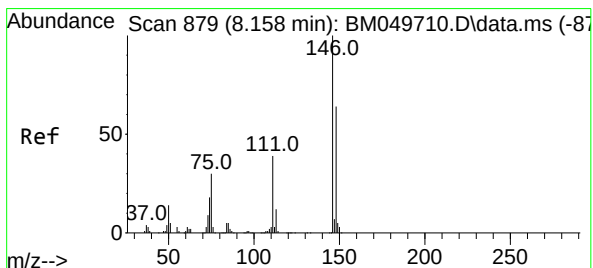
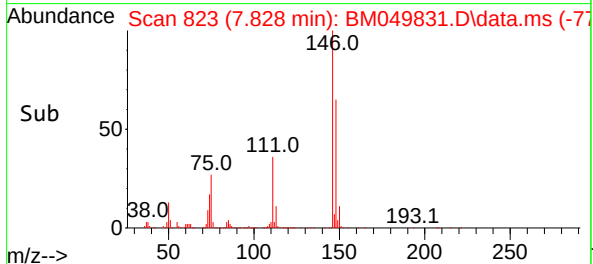
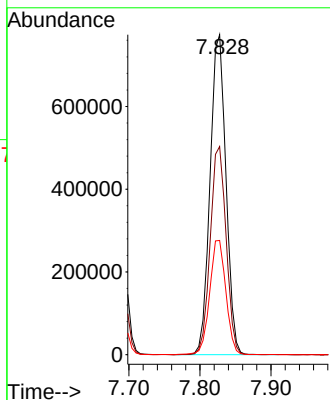
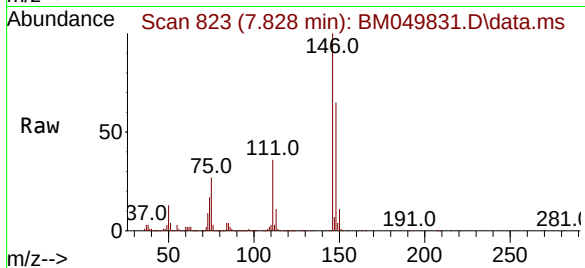




#13
1,4-Dichlorobenzene
Concen: 46.754 ng
RT: 7.828 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

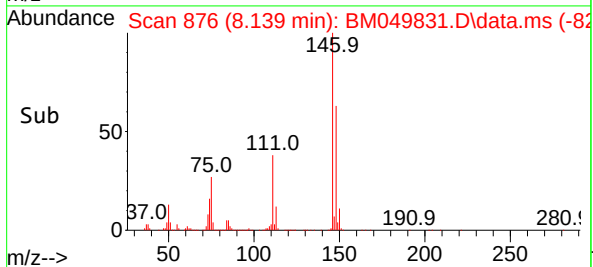
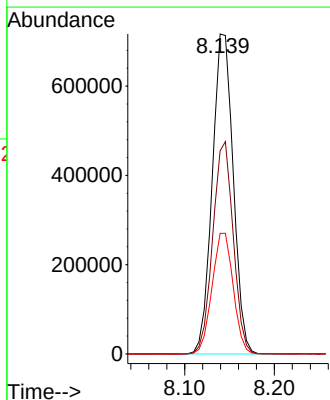
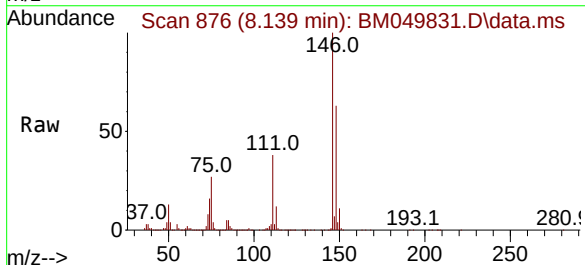
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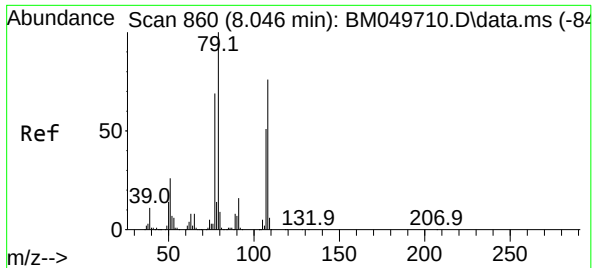
Tgt Ion:146 Resp: 1200257
Ion Ratio Lower Upper
146 100
148 65.1 52.6 79.0
111 35.7 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 47.723 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:146 Resp: 1164321
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
111 37.7 31.0 46.6

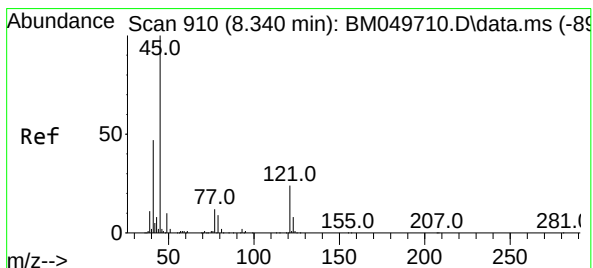
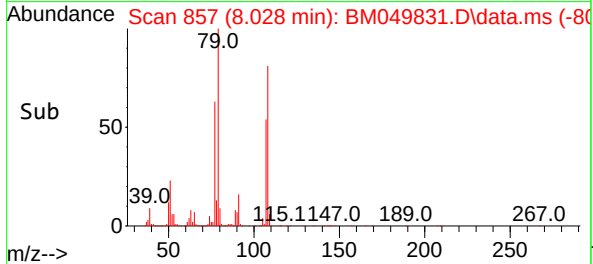
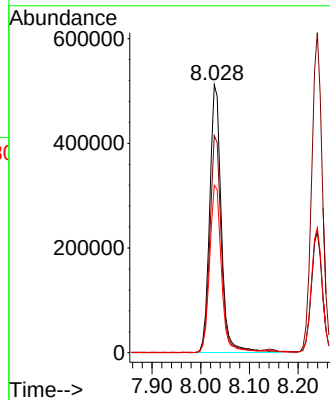
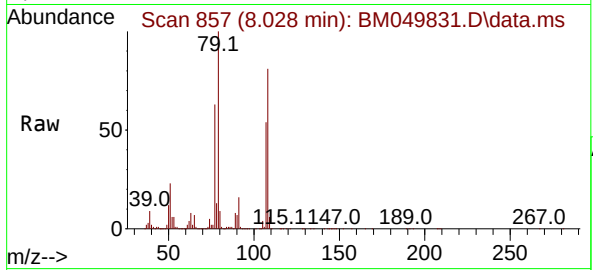




#15
Benzyl Alcohol
Concen: 50.709 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

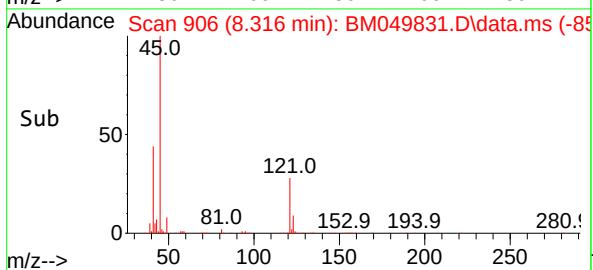
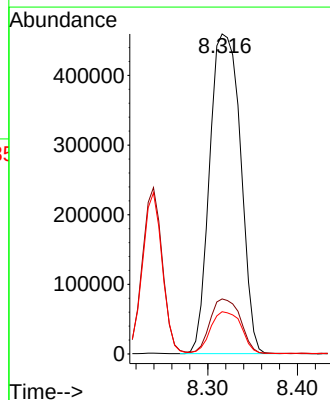
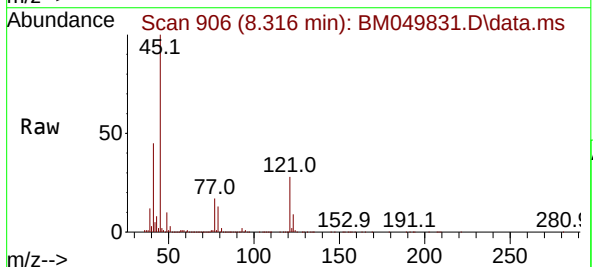
Instrument :
BNA_M
ClientSampleId :
TP-18MS

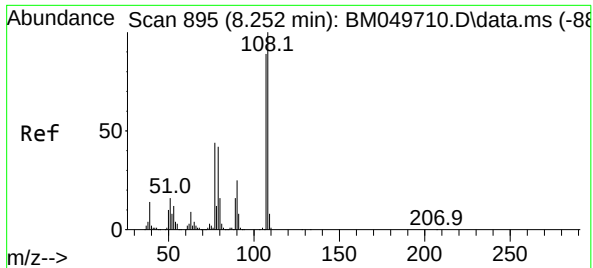
Tgt Ion: 79 Resp: 844425
Ion Ratio Lower Upper
79 100
108 81.0 60.7 91.1
77 62.6 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.774 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 45 Resp: 1096453
Ion Ratio Lower Upper
45 100
77 17.2 0.0 36.1
79 13.2 0.0 32.8





#17

2-Methylphenol

Concen: 53.232 ng

RT: 8.239 min Scan# 895

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

Tgt Ion:107 Resp: 813160

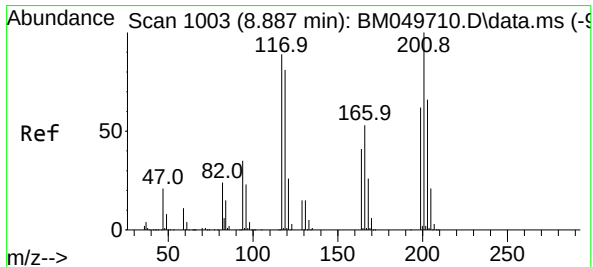
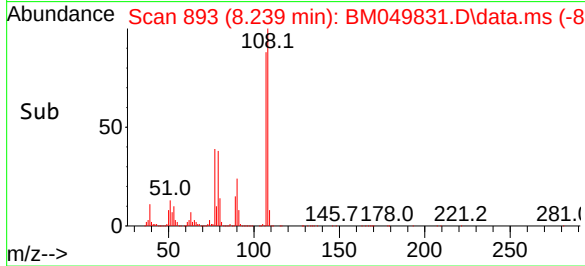
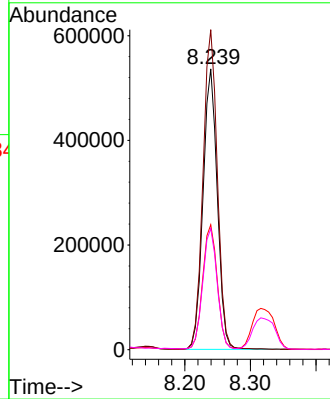
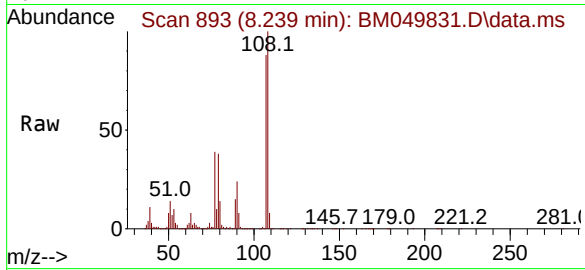
Ion	Ratio	Lower	Upper

107	100		

108	113.9	89.6	134.4

77	44.5	39.8	59.6

79	43.1	37.4	56.2



#18

Hexachloroethane

Concen: 41.834 ng

RT: 8.869 min Scan# 1000

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

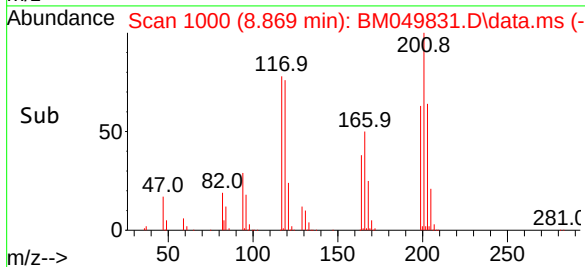
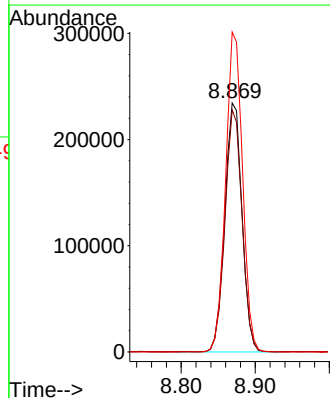
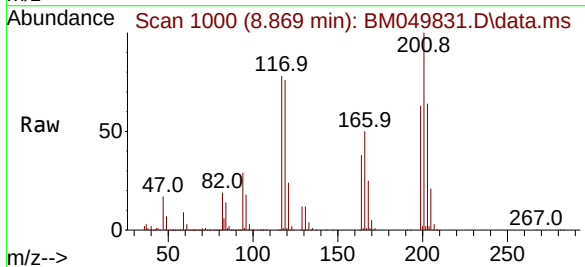
Tgt Ion:117 Resp: 379254

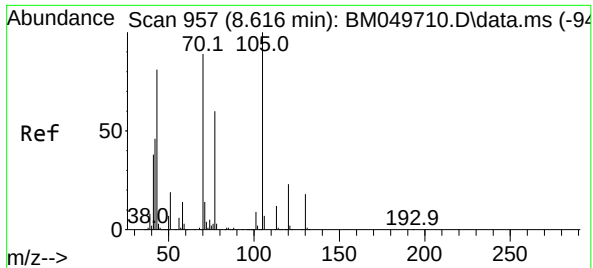
Ion	Ratio	Lower	Upper

117	100		

119	97.2	73.1	109.7

201	128.6	90.0	135.0

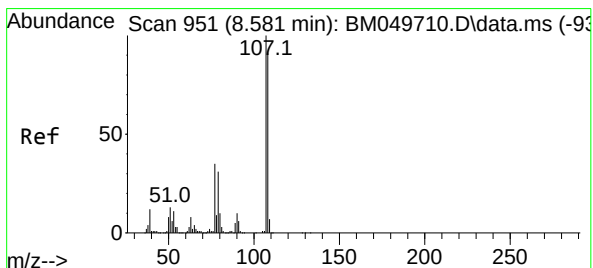
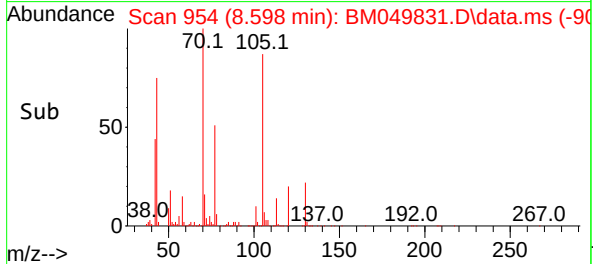
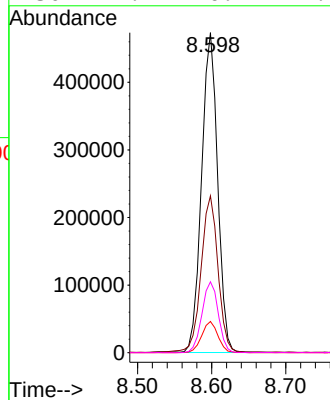
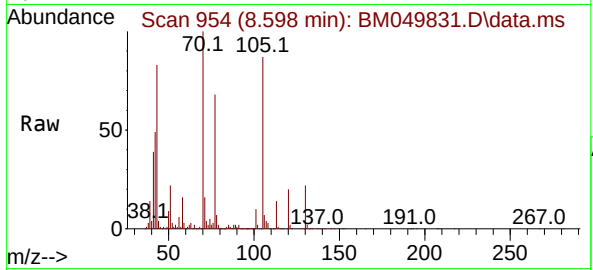




#19
n-Nitroso-di-n-propylamine
Concen: 46.154 ng
RT: 8.598 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

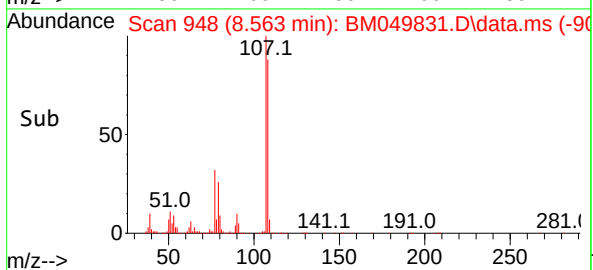
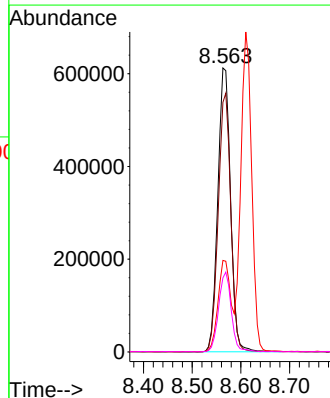
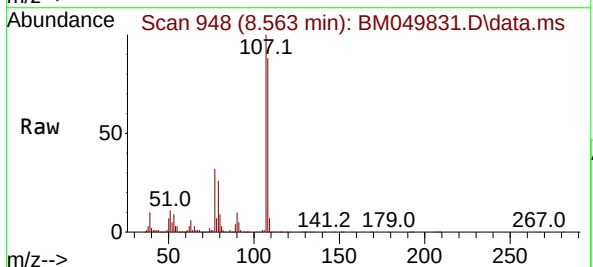
Instrument :
BNA_M
ClientSampleId :
TP-18MS

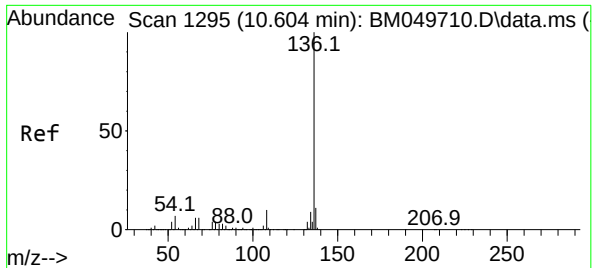
Tgt Ion: 70 Resp: 710167
Ion Ratio Lower Upper
70 100
42 49.0 41.8 62.6
101 9.7 7.7 11.5
130 22.2 16.2 24.4



#20
3+4-Methylphenols
Concen: 54.276 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 107 Resp: 1111107
Ion Ratio Lower Upper
107 100
108 87.9 71.0 111.0
77 32.3 15.1 55.1
79 26.1 11.2 51.2

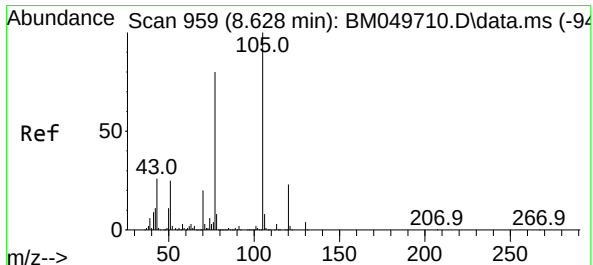
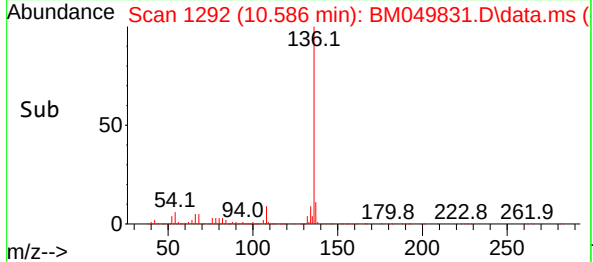
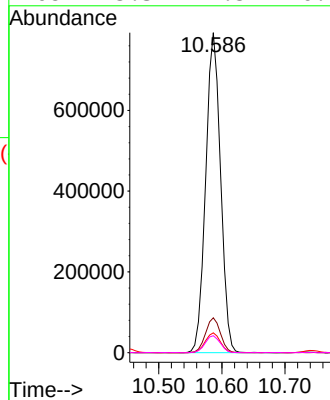
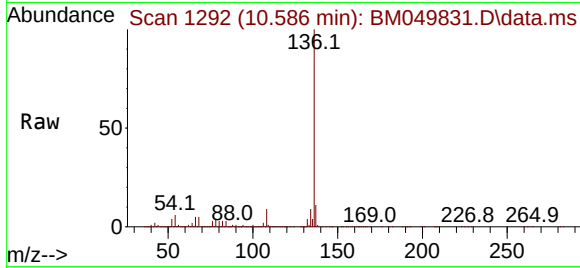




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

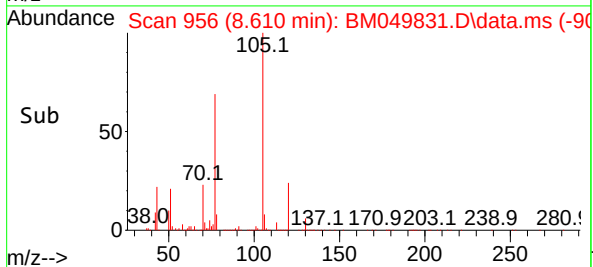
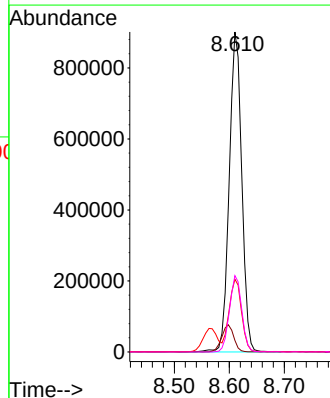
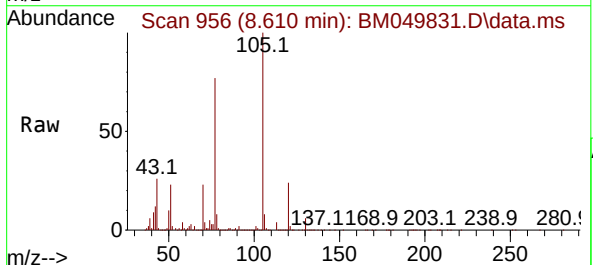
Instrument :
BNA_M
ClientSampleId :
TP-18MS

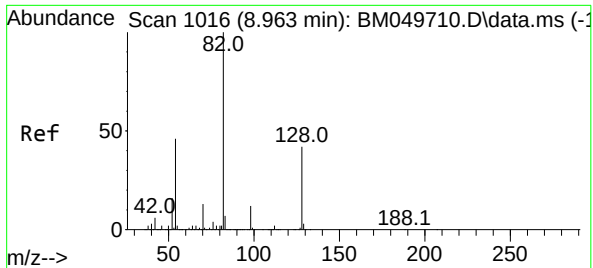
Tgt Ion:136 Resp: 1294303
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.2 5.8 8.8
68 5.3 4.5 6.7



#22
Acetophenone
Concen: 42.610 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:105 Resp: 1422024
Ion Ratio Lower Upper
105 100
71 3.6 2.5 3.7
51 22.7 19.9 29.9
120 23.8 18.3 27.5





#23

Nitrobenzene-d5

Concen: 62.993 ng

RT: 8.945 min Scan# 1013

Delta R.T. -0.018 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

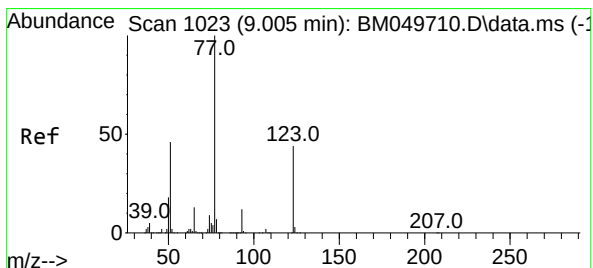
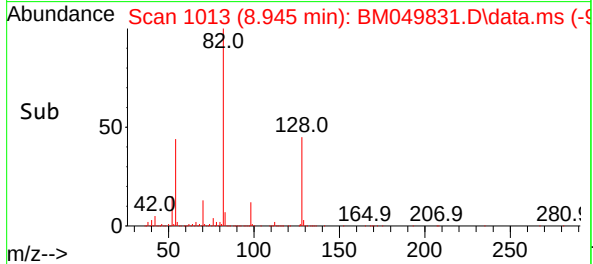
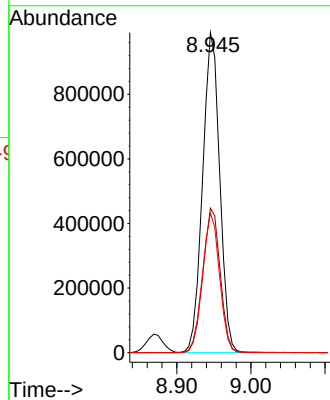
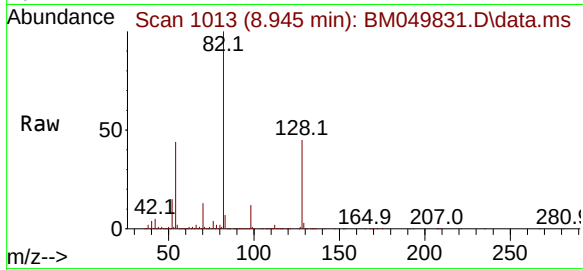
BNA_M

ClientSampleId :

TP-18MS

Tgt Ion: 82 Resp: 1588023

Ion	Ratio	Lower	Upper
82	100		
128	45.2	33.4	50.0
54	43.6	36.4	54.6



#24

Nitrobenzene

Concen: 42.932 ng

RT: 8.986 min Scan# 1020

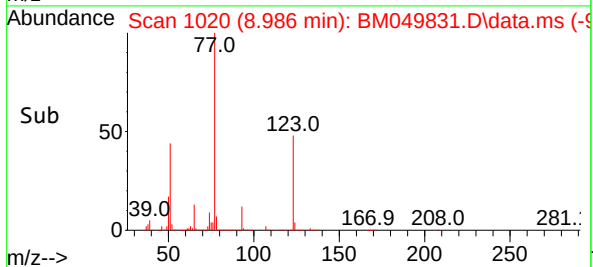
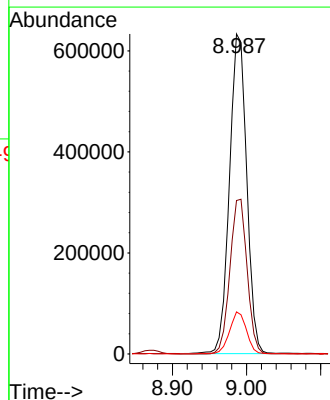
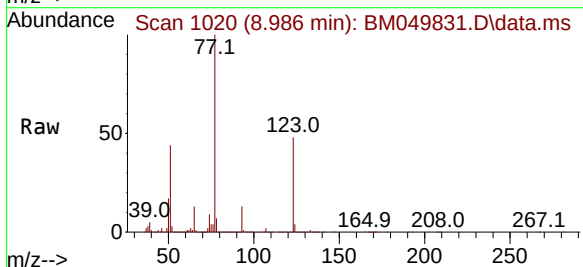
Delta R.T. -0.018 min

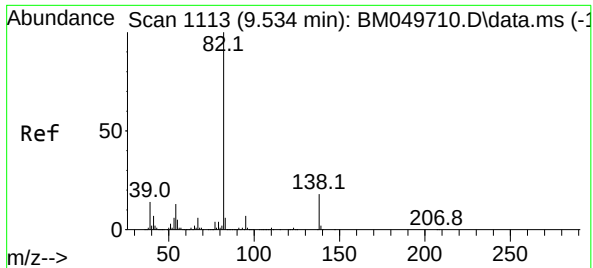
Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Tgt Ion: 77 Resp: 1020526

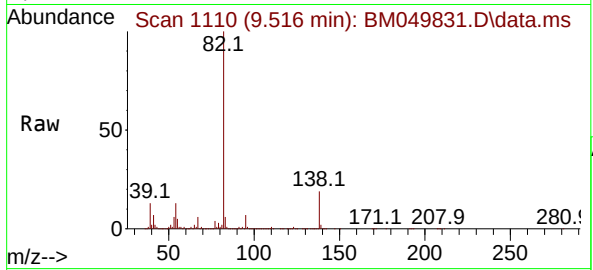
Ion	Ratio	Lower	Upper
77	100		
123	48.0	34.9	52.3
65	13.2	10.6	15.8



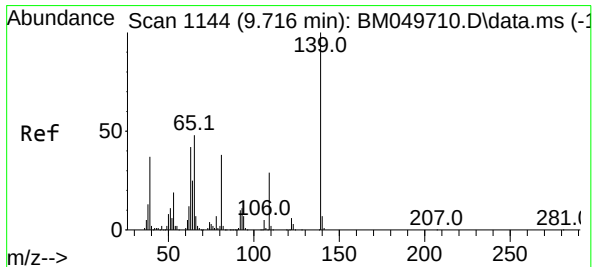
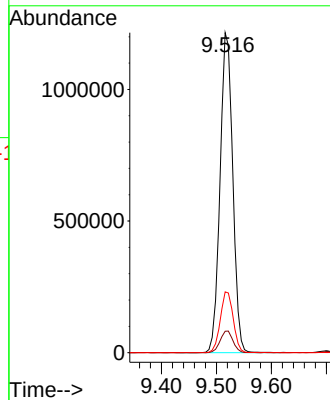
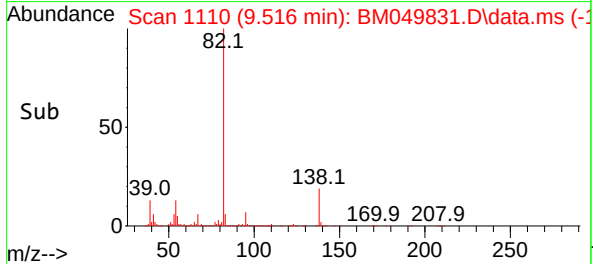


#25
Isophorone
Concen: 50.402 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Instrument :
BNA_M
ClientSampleId :
TP-18MS

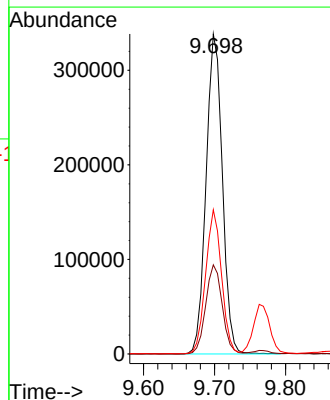
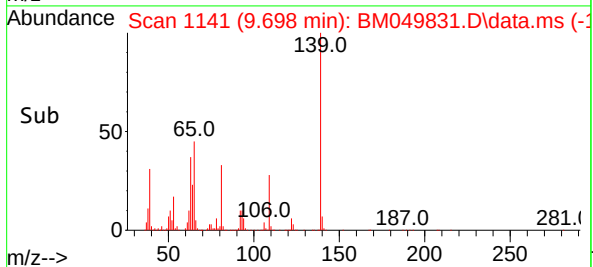
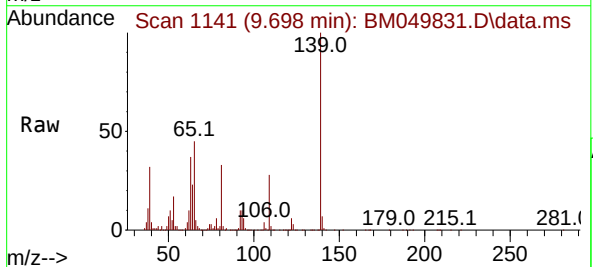


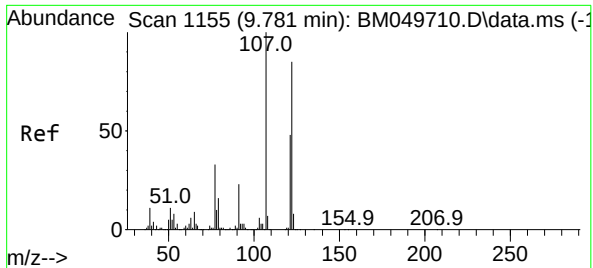
Tgt Ion: 82 Resp: 1950869
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 19.0 14.4 21.6



#26
2-Nitrophenol
Concen: 53.422 ng
RT: 9.698 min Scan# 1141
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 139 Resp: 540494
Ion Ratio Lower Upper
139 100
109 27.9 23.3 34.9
65 45.1 38.6 58.0

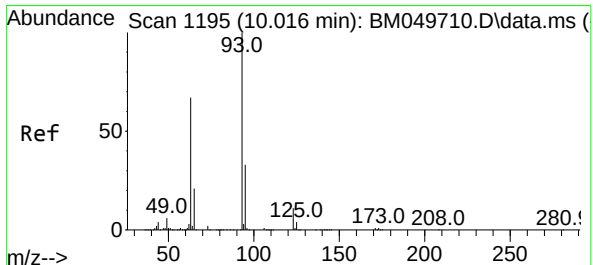
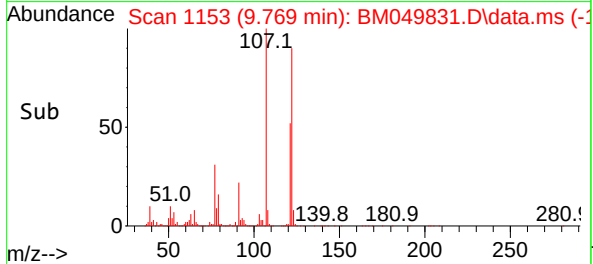
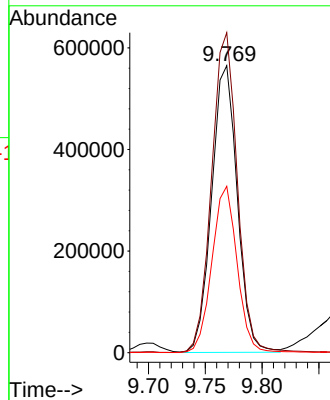
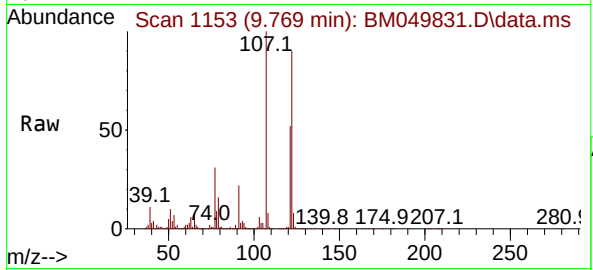




#27
2,4-Dimethylphenol
Concen: 68.892 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

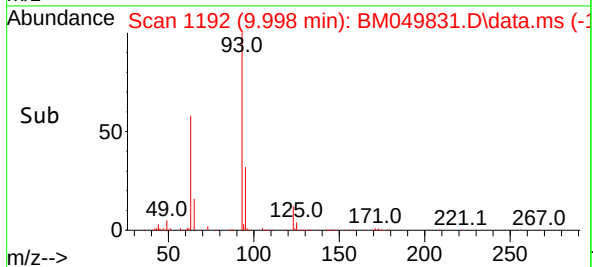
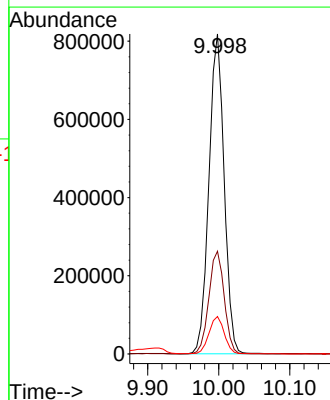
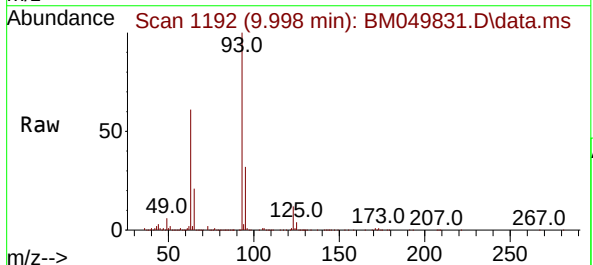
Instrument :
BNA_M
ClientSampleId :
TP-18MS

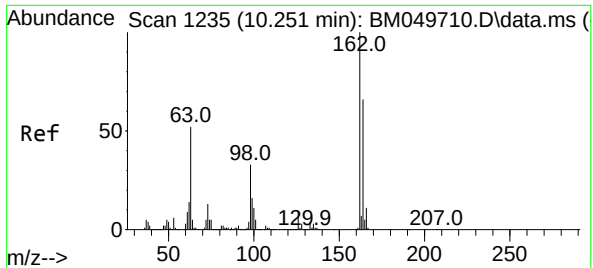
Tgt Ion:122 Resp: 887210
Ion Ratio Lower Upper
122 100
107 111.5 94.3 141.5
121 58.0 45.4 68.2



#28
bis(2-Chloroethoxy)methane
Concen: 44.725 ng
RT: 9.998 min Scan# 1192
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 93 Resp: 1219253
Ion Ratio Lower Upper
93 100
95 32.1 26.6 40.0
123 11.7 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 51.654 ng

RT: 10.239 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

Instrument :

BNA_M

ClientSampleId :

TP-18MS

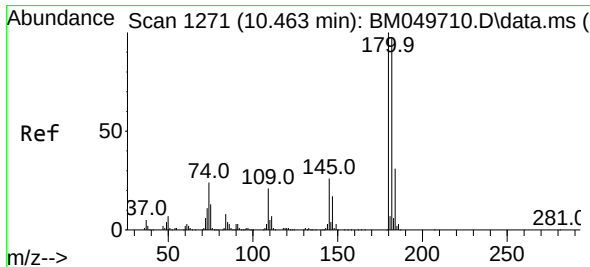
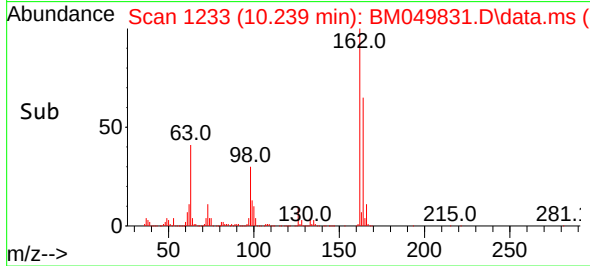
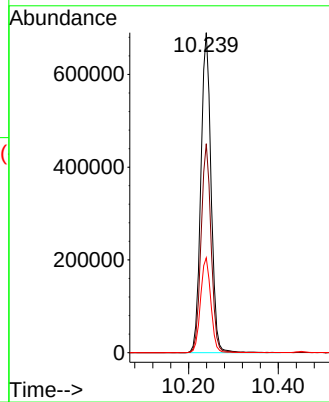
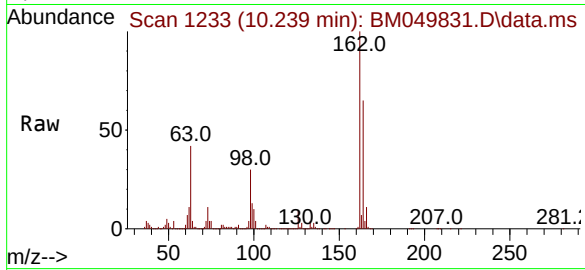
Tgt Ion:162 Resp: 1083945

Ion	Ratio	Lower	Upper

162	100		

164	65.3	46.3	86.3

98	29.6	12.8	52.8



#30

1,2,4-Trichlorobenzene

Concen: 46.920 ng

RT: 10.451 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BM049831.D

Acq: 04 Apr 2025 19:56

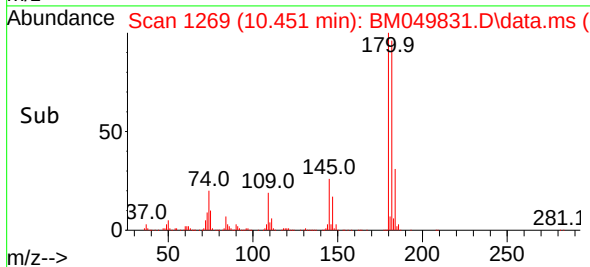
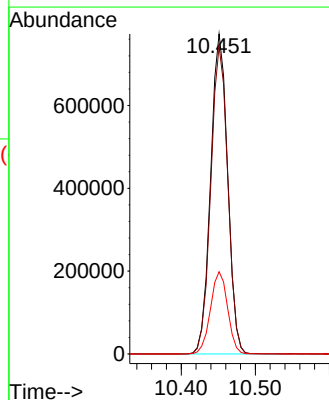
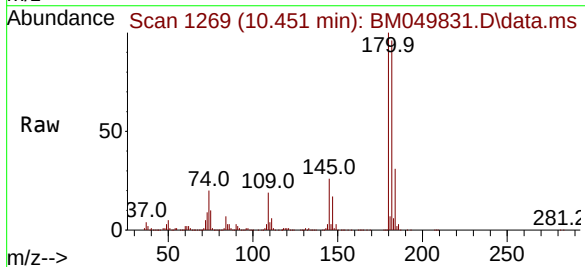
Tgt Ion:180 Resp: 1231870

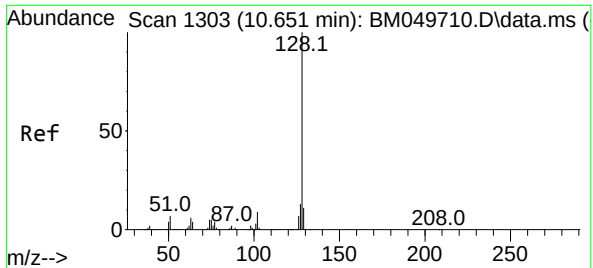
Ion	Ratio	Lower	Upper

180	100		

182	96.1	77.7	116.5

145	25.7	21.0	31.4

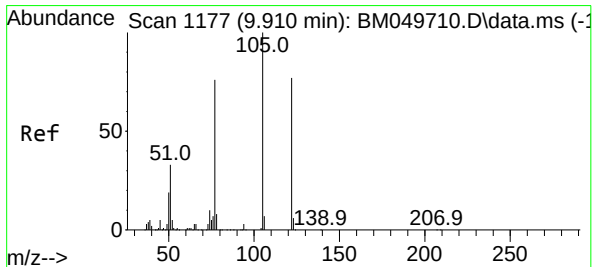
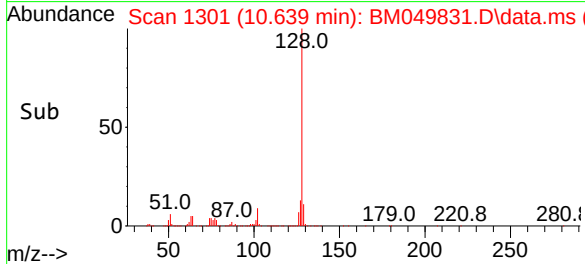
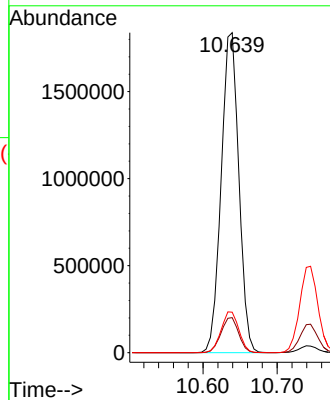
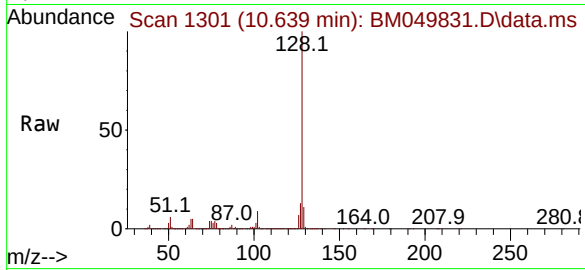




#31
Naphthalene
Concen: 45.695 ng
RT: 10.639 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

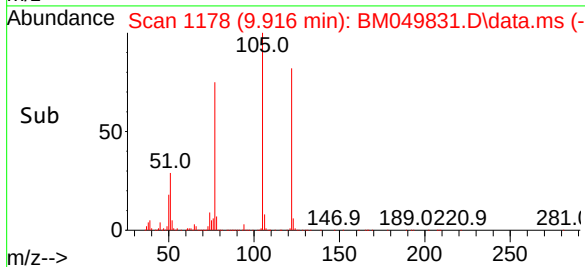
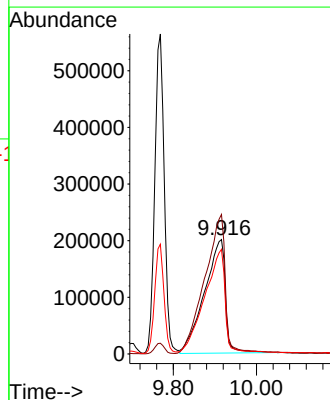
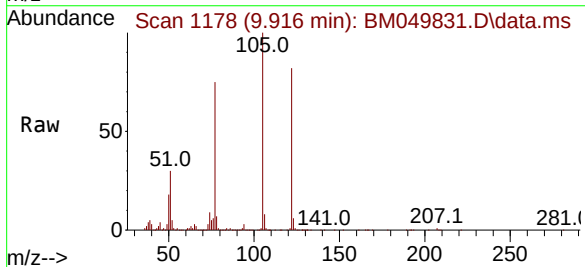
Instrument :
BNA_M
ClientSampleId :
TP-18MS

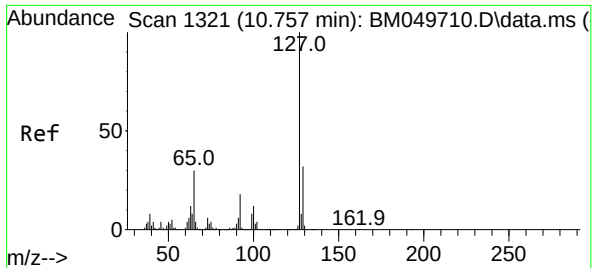
Tgt Ion:128 Resp: 3041164
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.6 10.4 15.6



#32
Benzoic acid
Concen: 63.892 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:122 Resp: 699773
Ion Ratio Lower Upper
122 100
105 122.0 105.6 145.6
77 91.4 76.9 116.9

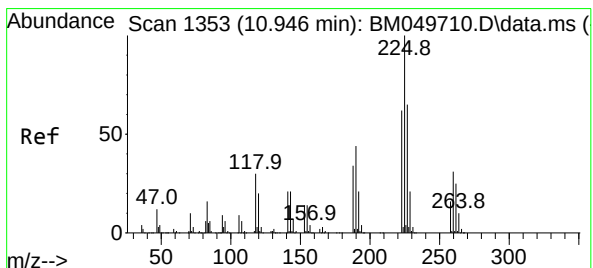
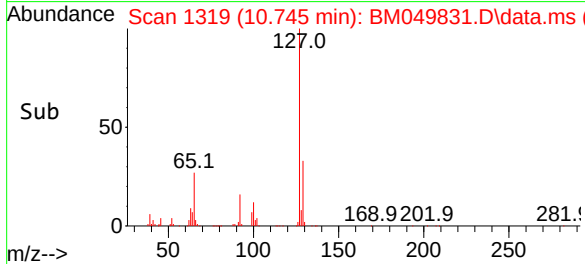
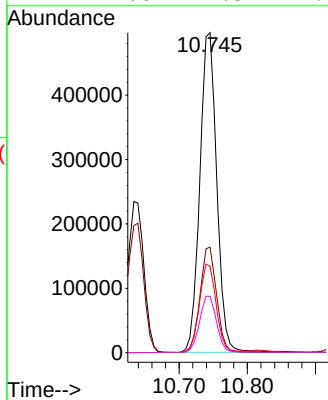
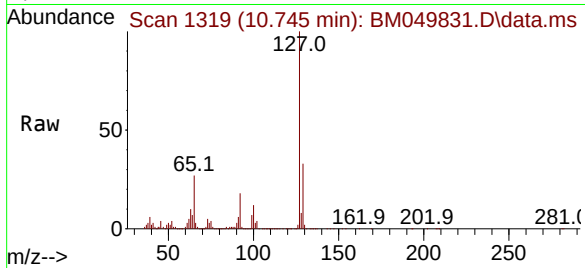




#33
4-Chloroaniline
Concen: 37.722 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

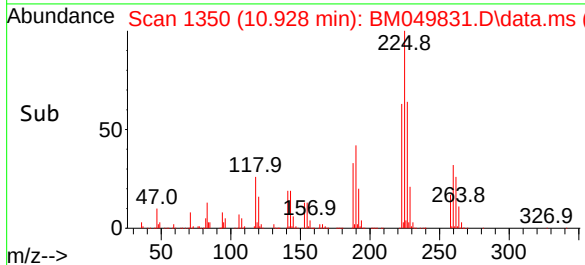
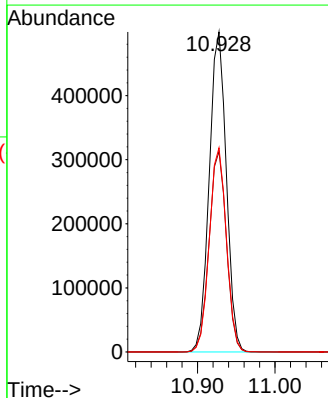
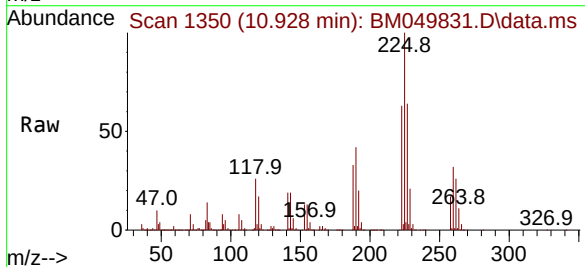
Instrument :
BNA_M
ClientSampleId :
TP-18MS

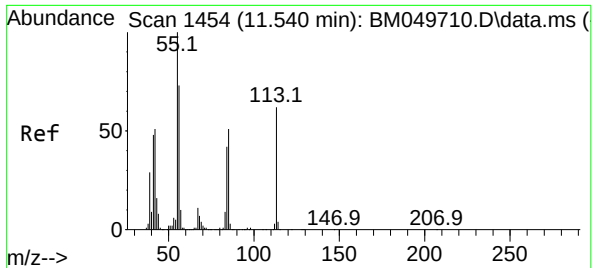
Tgt Ion:	127	Resp:	856792
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.7	38.5
65	27.0	24.1	36.1
92	17.6	14.5	21.7



#34
Hexachlorobutadiene
Concen: 47.148 ng
RT: 10.928 min Scan# 1350
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:	225	Resp:	764172
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	63.8	52.1	78.1

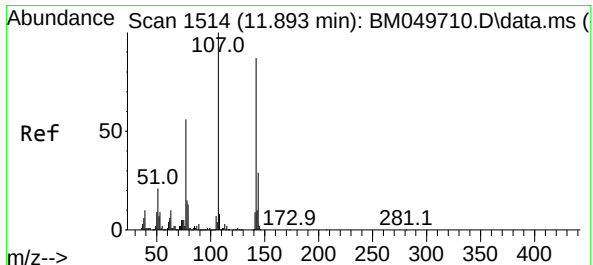
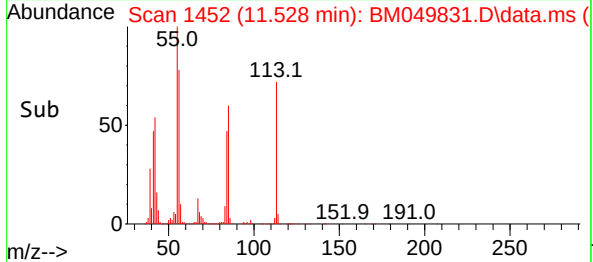
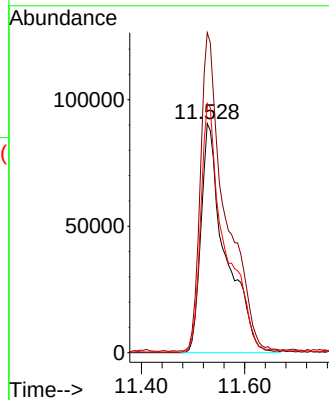
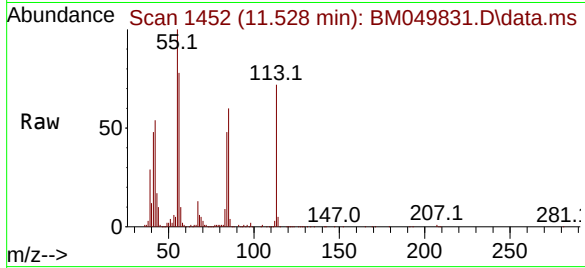




#35
Caprolactam
Concen: 60.865 ng
RT: 11.528 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

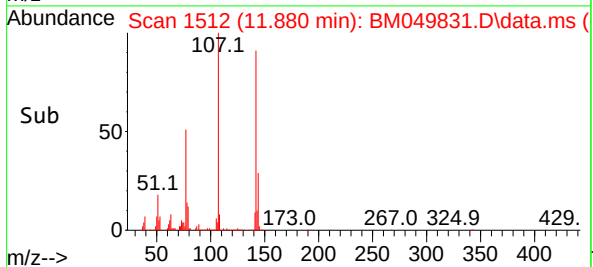
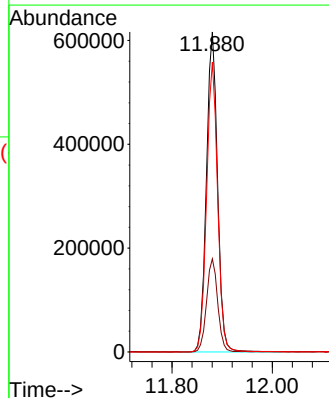
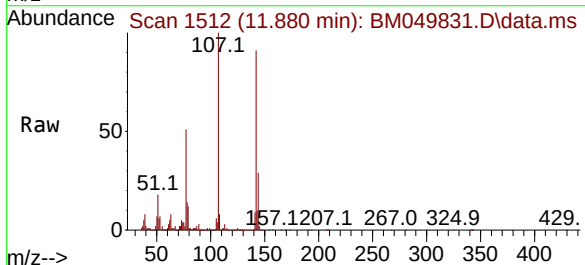
Instrument :
BNA_M
ClientSampleId :
TP-18MS

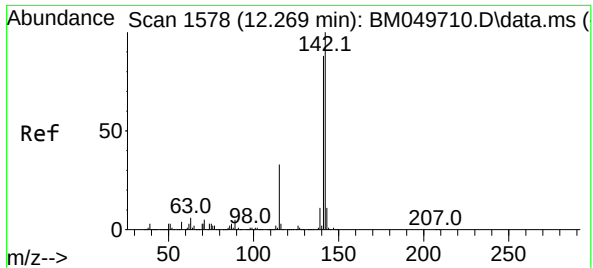
Tgt Ion:113 Resp: 296534
Ion Ratio Lower Upper
113 100
55 139.7 141.8 181.8#
56 108.8 98.0 138.0



#36
4-Chloro-3-methylphenol
Concen: 52.769 ng
RT: 11.880 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:107 Resp: 950287
Ion Ratio Lower Upper
107 100
144 29.1 23.0 34.6
142 90.6 69.8 104.8

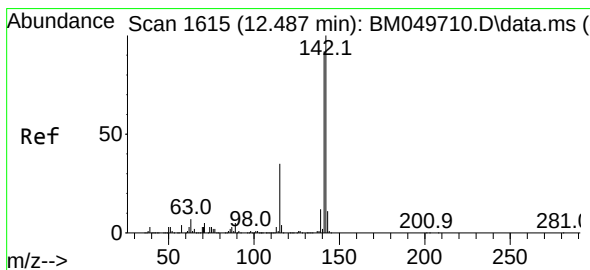
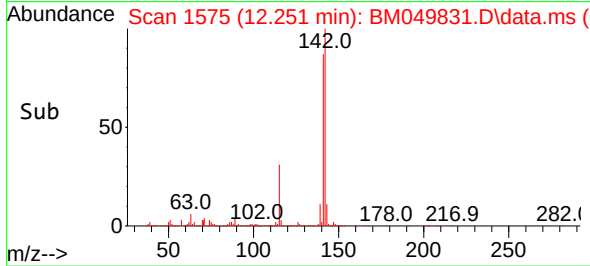
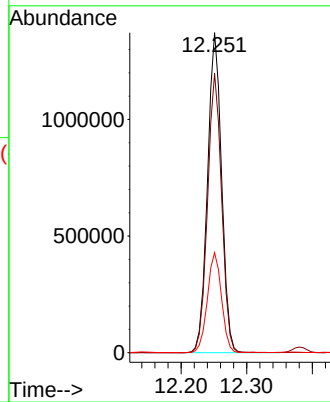
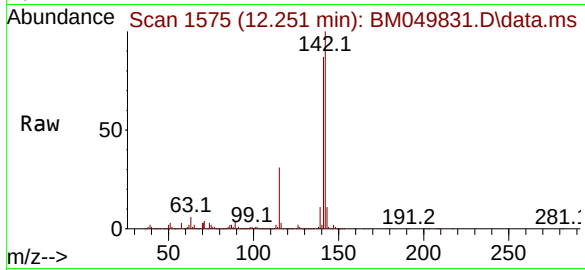




#37
2-Methylnaphthalene
Concen: 43.962 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

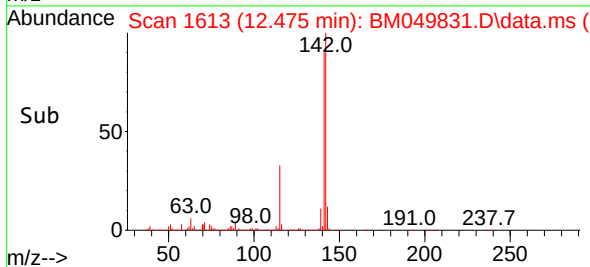
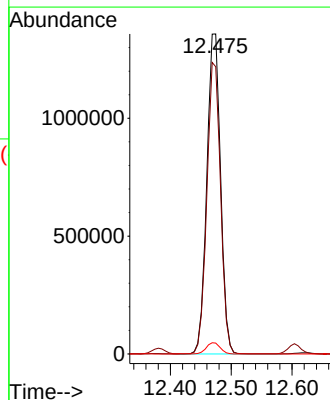
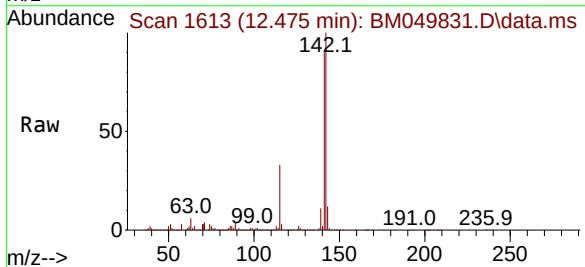
Instrument :
BNA_M
ClientSampleId :
TP-18MS

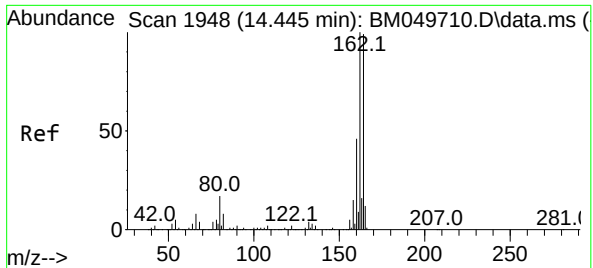
Tgt Ion:142 Resp: 2045877
Ion Ratio Lower Upper
142 100
141 87.2 70.5 105.7
115 31.3 26.5 39.7



#38
1-Methylnaphthalene
Concen: 47.419 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:142 Resp: 2129077
Ion Ratio Lower Upper
142 100
141 89.7 73.4 110.2
116 3.4 2.8 4.2

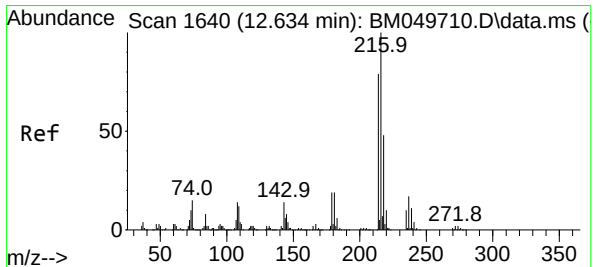
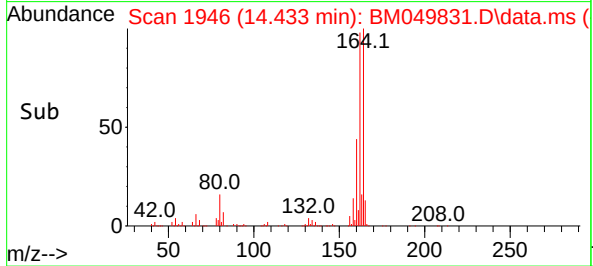
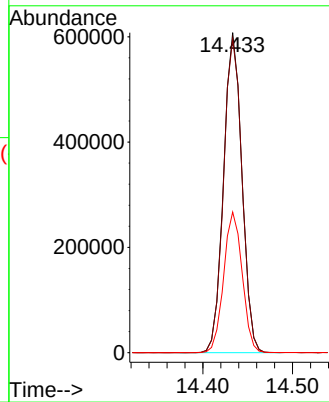
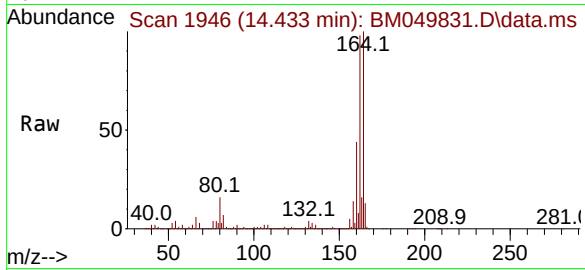




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

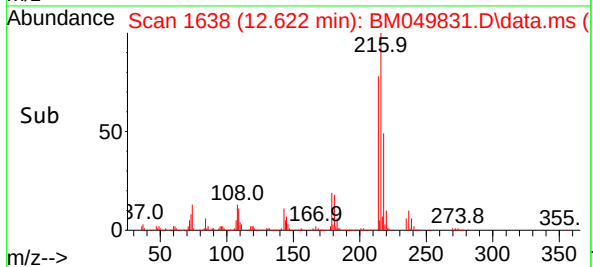
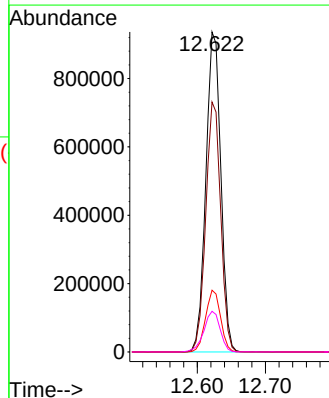
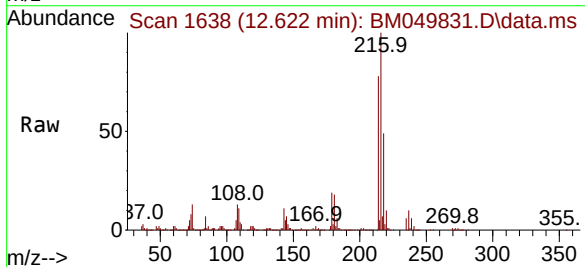
Instrument :
BNA_M
ClientSampleId :
TP-18MS

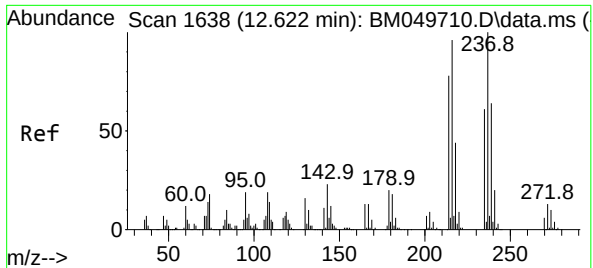
Tgt Ion:164 Resp: 862231
Ion Ratio Lower Upper
164 100
162 98.2 80.5 120.7
160 43.9 36.9 55.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.104 ng
RT: 12.622 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:216 Resp: 1428498
Ion Ratio Lower Upper
216 100
214 78.0 63.5 95.3
179 19.3 15.7 23.5
108 13.9 12.2 18.2

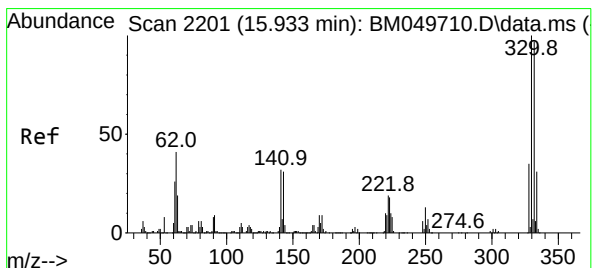
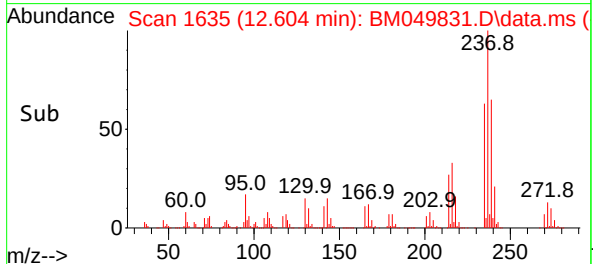
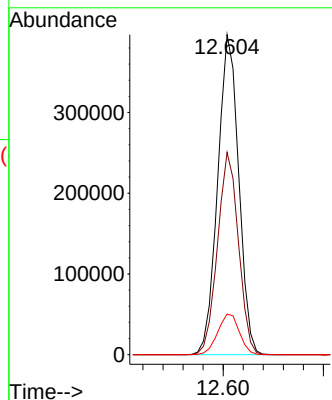
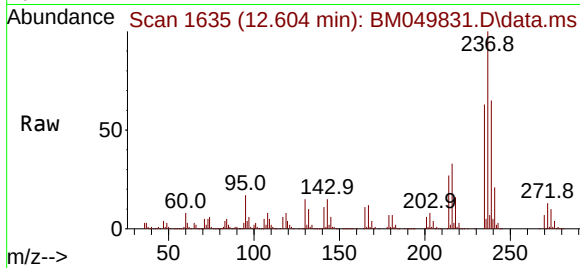




#41
Hexachlorocyclopentadiene
Concen: 49.034 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

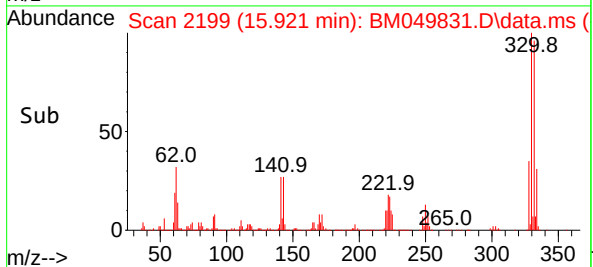
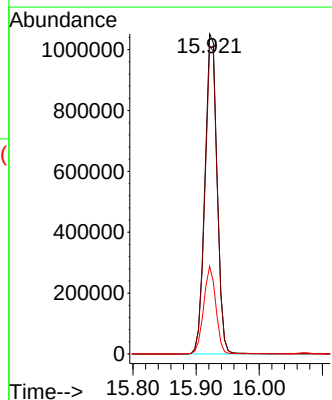
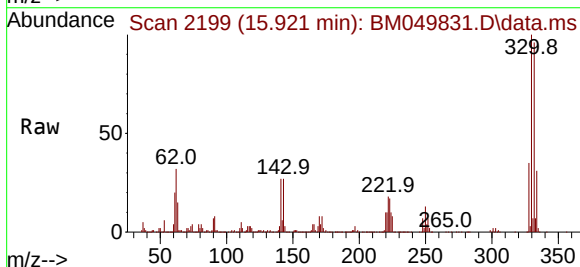
Instrument :
BNA_M
ClientSampleId :
TP-18MS

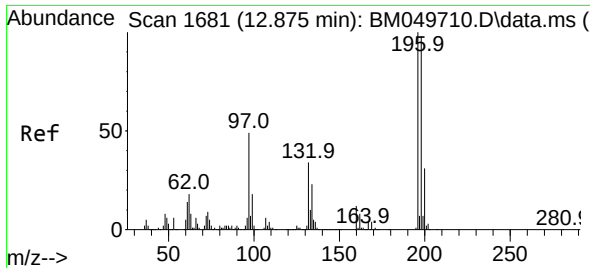
Tgt Ion:237 Resp: 575323
Ion Ratio Lower Upper
237 100
235 63.2 41.1 81.1
272 12.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 140.202 ng
RT: 15.921 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:330 Resp: 1411590
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 27.2 27.8 41.6#

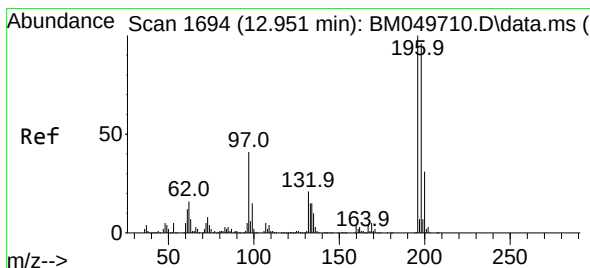
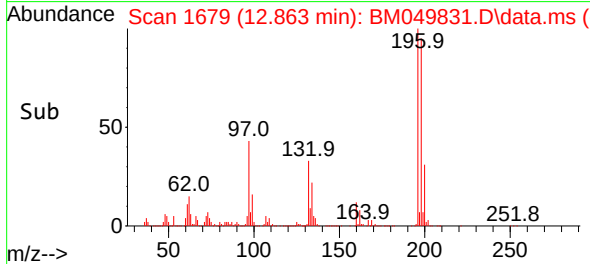
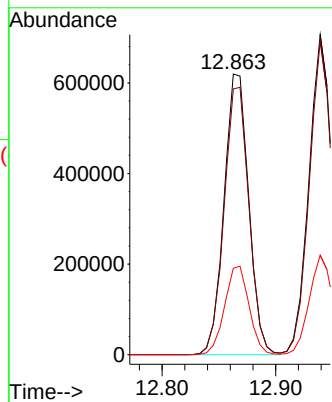
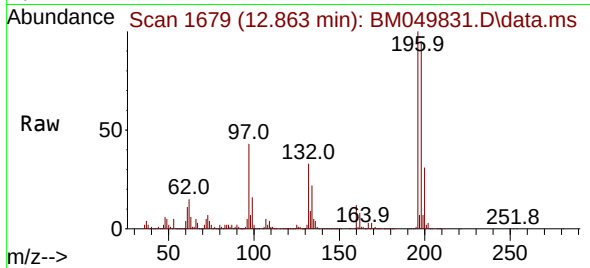




#43
2,4,6-Trichlorophenol
Concen: 52.841 ng
RT: 12.863 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

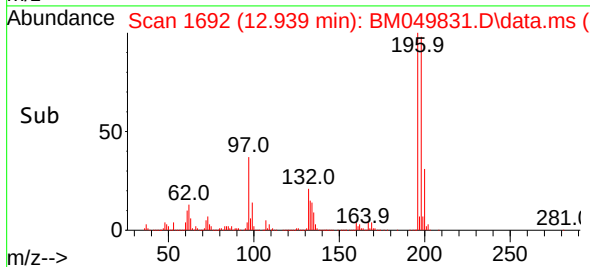
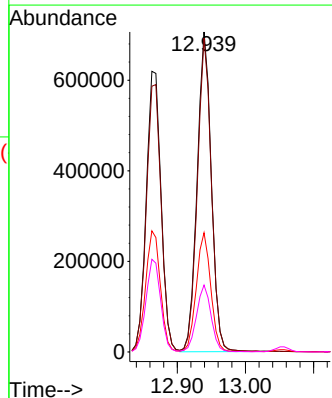
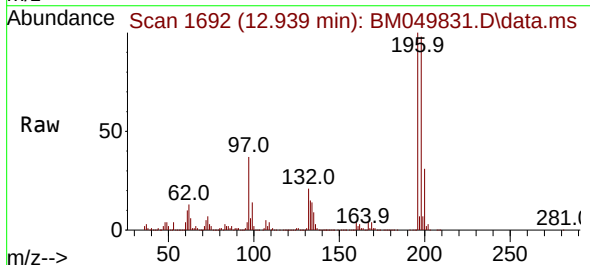
Instrument :
BNA_M
ClientSampleId :
TP-18MS

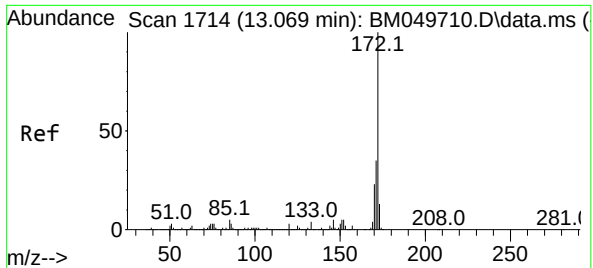
Tgt Ion:196 Resp: 937302
Ion Ratio Lower Upper
196 100
198 94.7 78.3 117.5
200 30.8 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 52.702 ng
RT: 12.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:196 Resp: 1020135
Ion Ratio Lower Upper
196 100
198 98.1 76.7 115.1
97 37.3 32.9 49.3
132 20.9 16.8 25.2

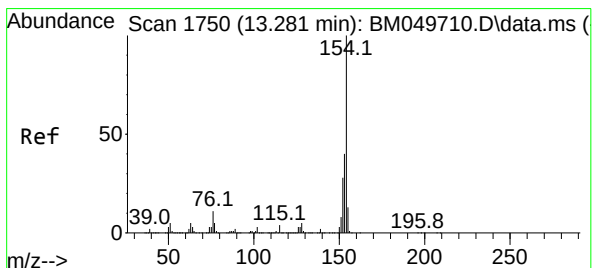
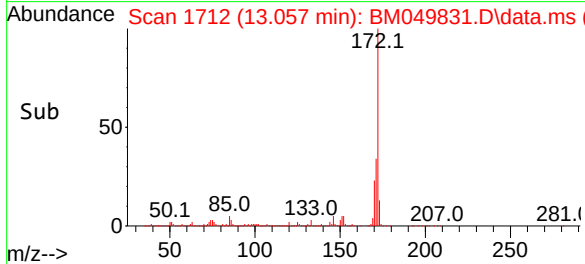
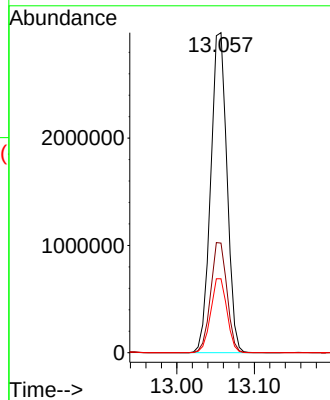
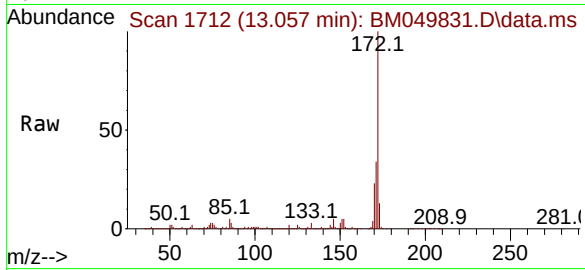




#45
2-Fluorobiphenyl
Concen: 63.104 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

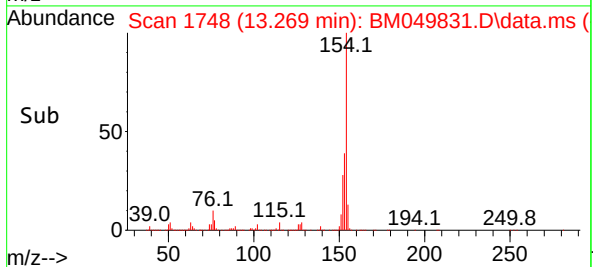
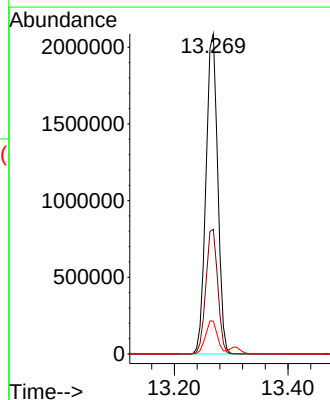
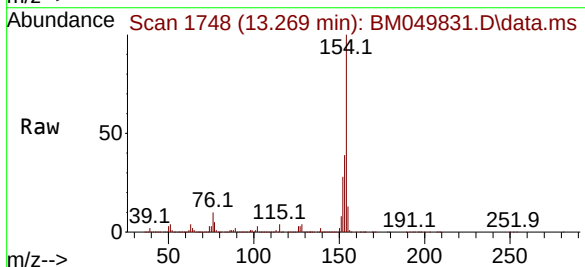
Instrument :
BNA_M
ClientSampleId :
TP-18MS

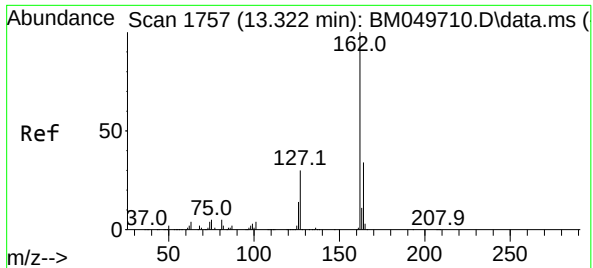
Tgt Ion:172 Resp: 4344581
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 23.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 44.959 ng
RT: 13.269 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:154 Resp: 2987687
Ion Ratio Lower Upper
154 100
153 38.9 19.7 59.7
76 10.3 0.0 31.2

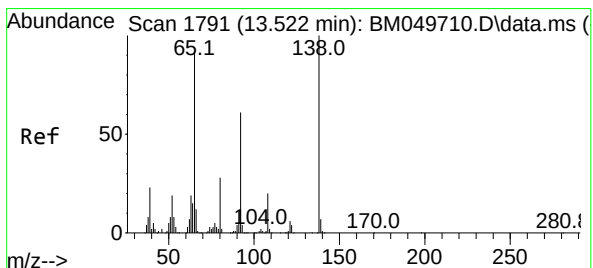
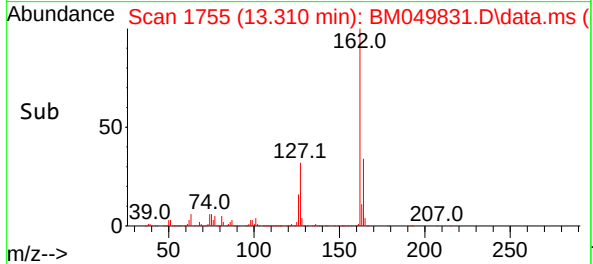
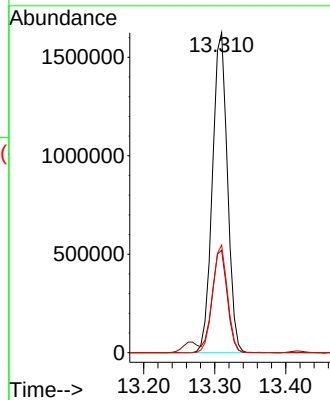
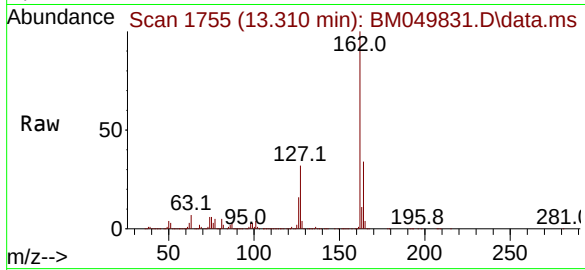




#47
2-Chloronaphthalene
Concen: 46.086 ng
RT: 13.310 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

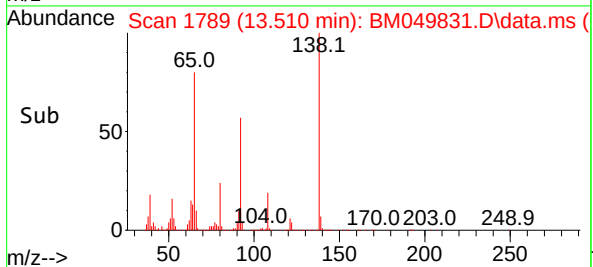
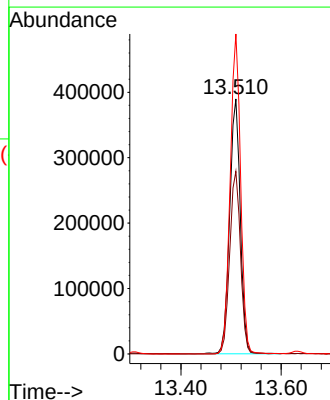
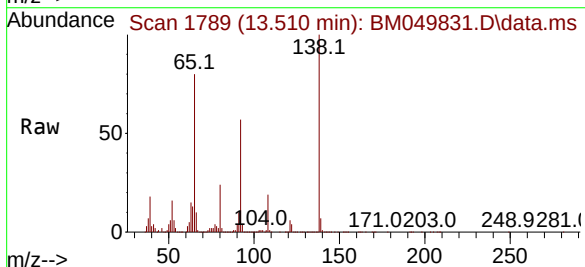
Instrument :
BNA_M
ClientSampleId :
TP-18MS

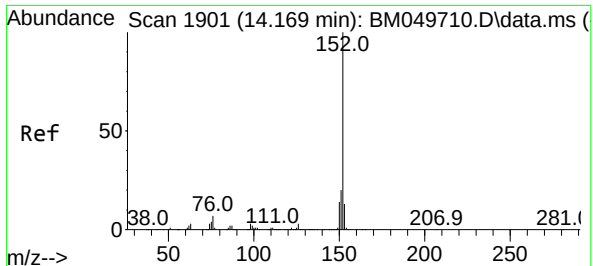
Tgt Ion:162 Resp: 2383788
Ion Ratio Lower Upper
162 100
127 32.0 25.8 38.6
164 33.7 27.1 40.7



#48
2-Nitroaniline
Concen: 49.744 ng
RT: 13.510 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion: 65 Resp: 577604
Ion Ratio Lower Upper
65 100
92 71.6 53.4 80.2
138 125.5 87.6 131.4

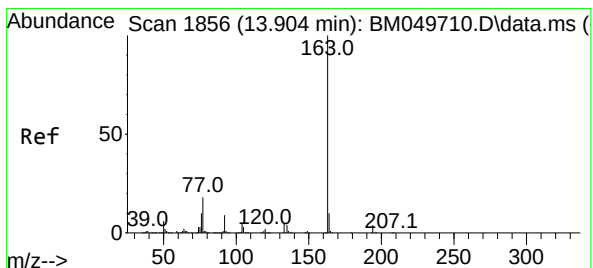
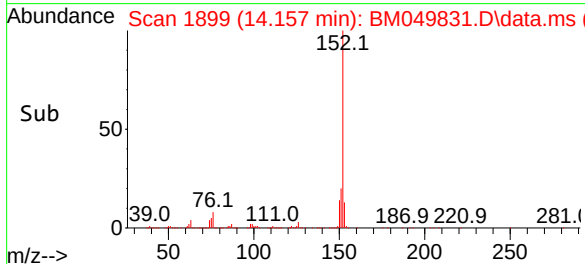
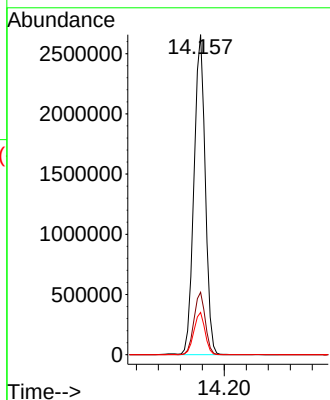
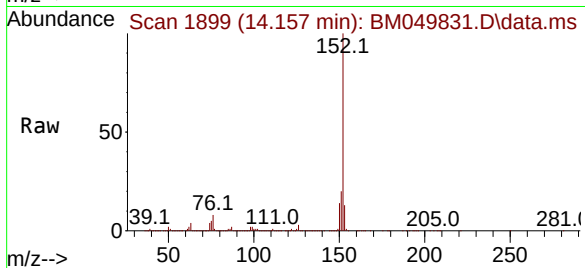




#49
Acenaphthylene
Concen: 52.133 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

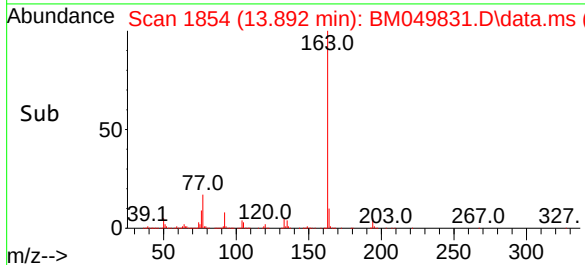
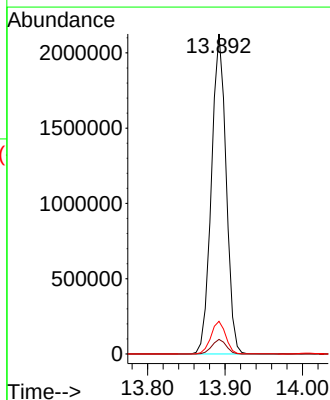
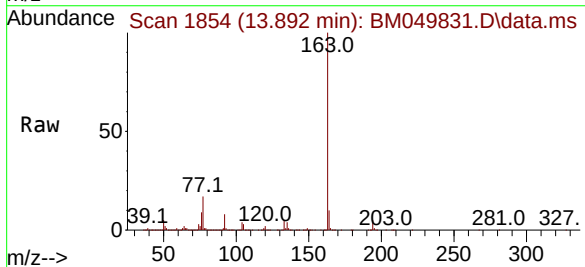
Instrument :
BNA_M
ClientSampleId :
TP-18MS

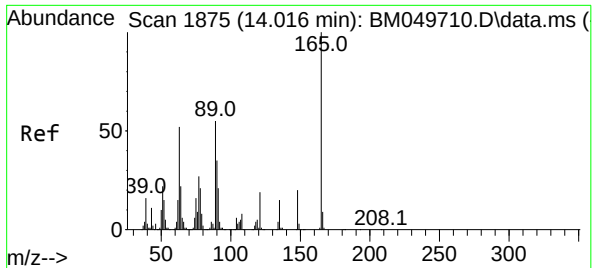
Tgt Ion:152 Resp: 3769193
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.2 10.2 15.4



#50
Dimethylphthalate
Concen: 47.174 ng
RT: 13.892 min Scan# 1854
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:163 Resp: 2800425
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 10.2 8.2 12.2

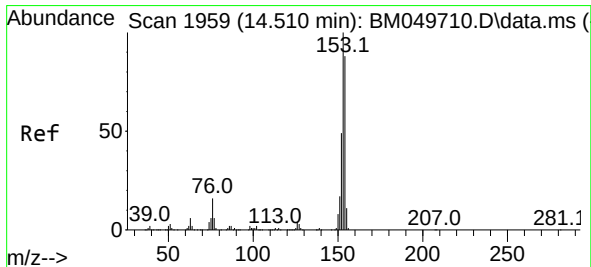
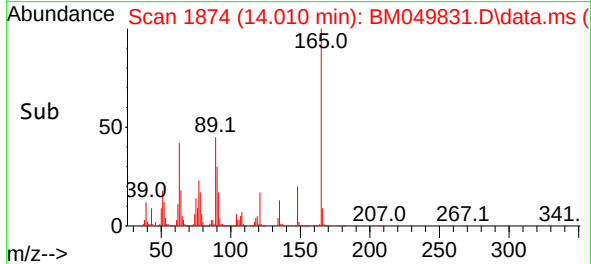
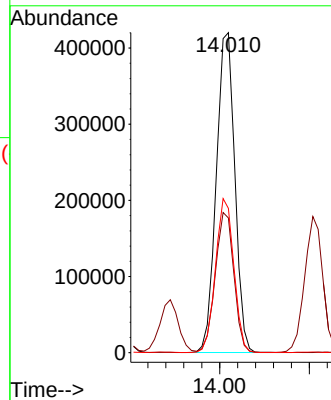
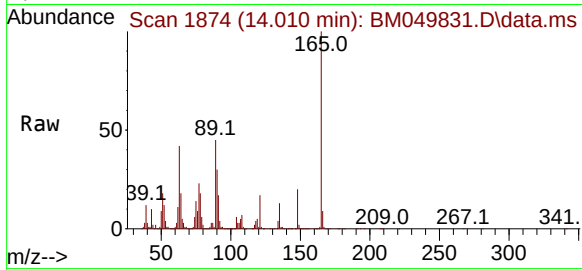




#51
2,6-Dinitrotoluene
Concen: 50.586 ng
RT: 14.010 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

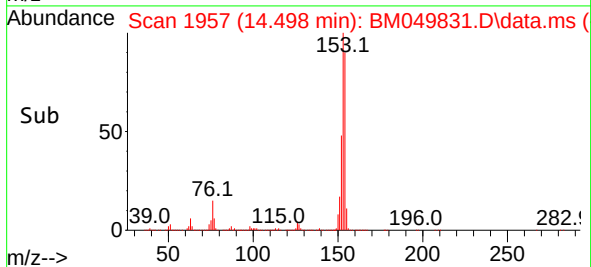
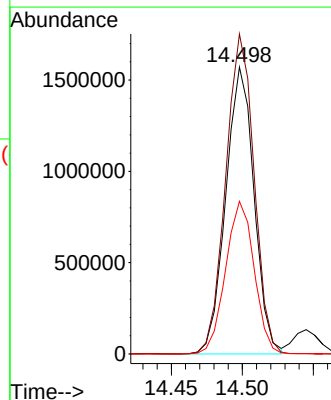
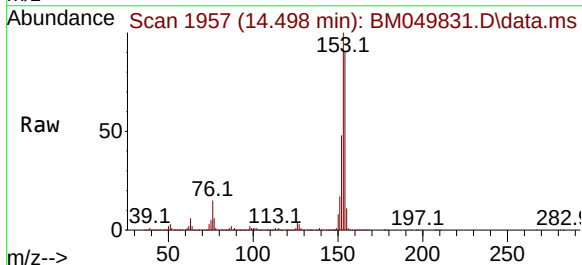
Instrument :
BNA_M
ClientSampleId :
TP-18MS

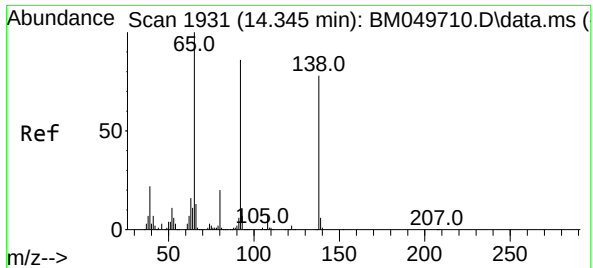
Tgt Ion:165 Resp: 601714
Ion Ratio Lower Upper
165 100
63 42.1 42.3 63.5#
89 45.1 43.9 65.9



#52
Acenaphthene
Concen: 46.011 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:154 Resp: 2182044
Ion Ratio Lower Upper
154 100
153 111.6 90.4 135.6
152 53.2 44.2 66.2

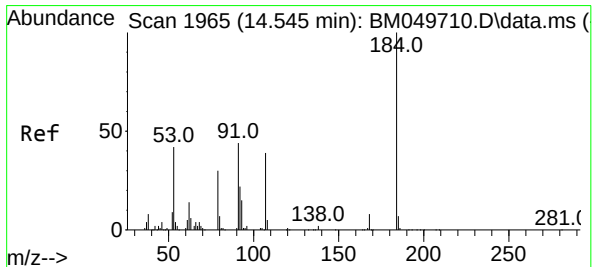
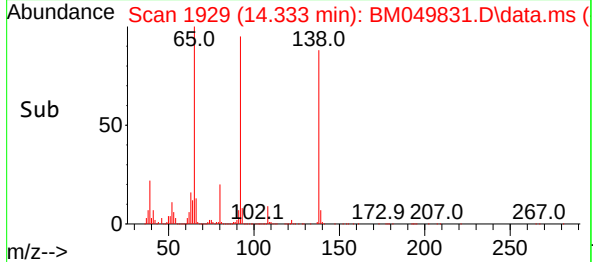
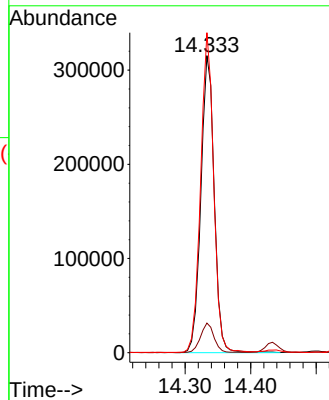
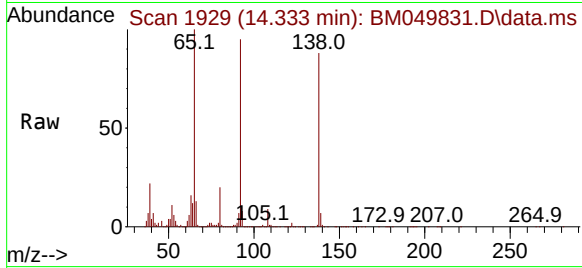




#53
3-Nitroaniline
Concen: 39.527 ng
RT: 14.333 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

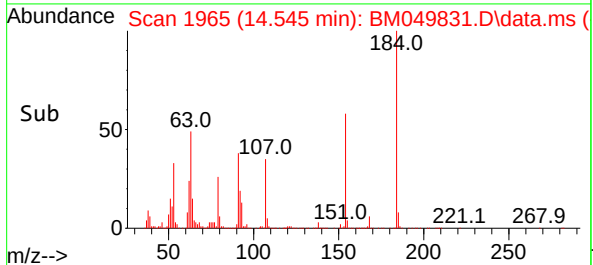
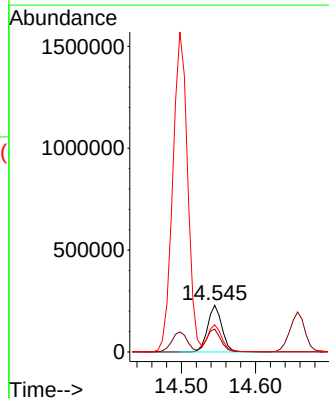
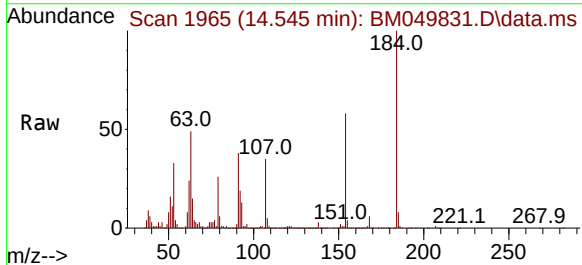
Instrument :
BNA_M
ClientSampleId :
TP-18MS

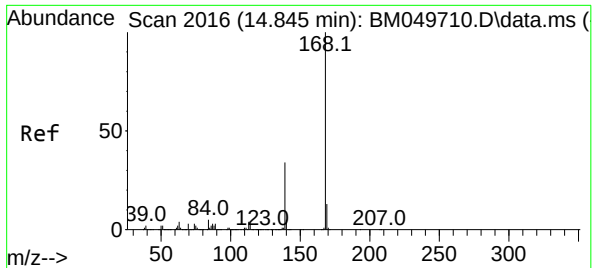
Tgt Ion:138 Resp: 447415
Ion Ratio Lower Upper
138 100
108 10.0 7.5 11.3
92 107.7 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 49.273 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:184 Resp: 308689
Ion Ratio Lower Upper
184 100
63 49.1 47.2 70.8
154 58.2 49.9 74.9

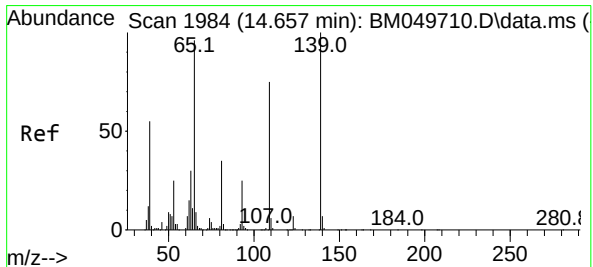
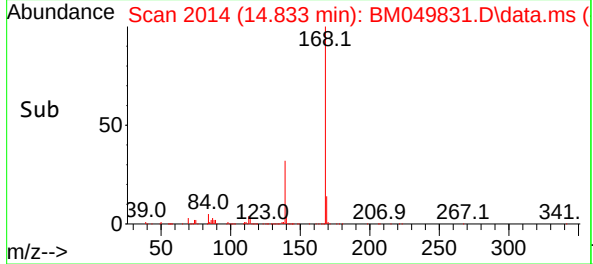
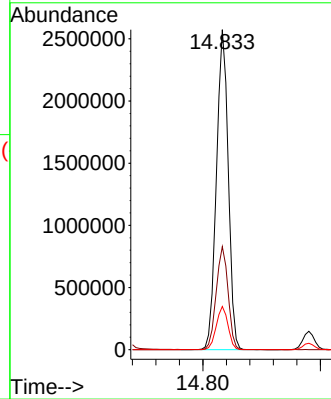
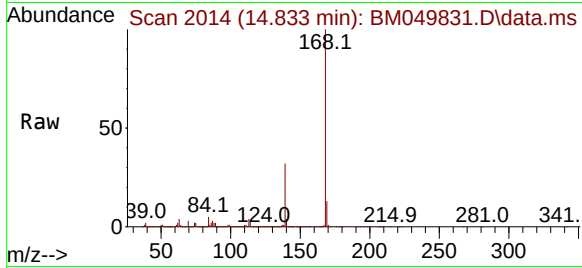




#55
Dibenzenofuran
Concen: 45.365 ng
RT: 14.833 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

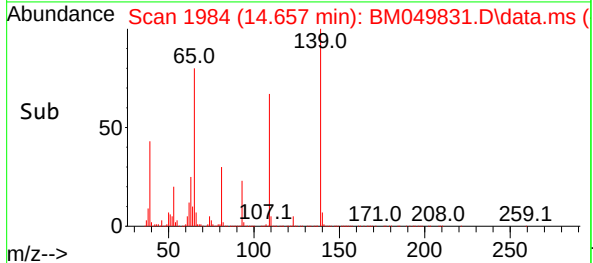
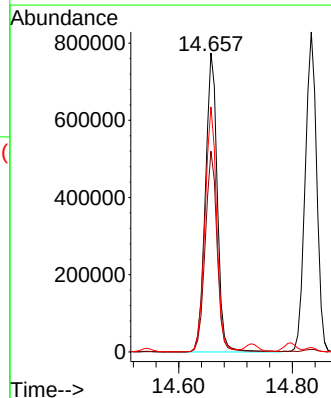
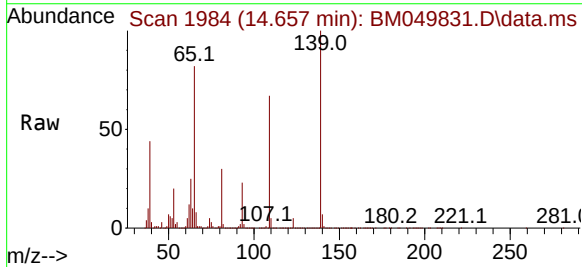
Instrument :
BNA_M
ClientSampleId :
TP-18MS

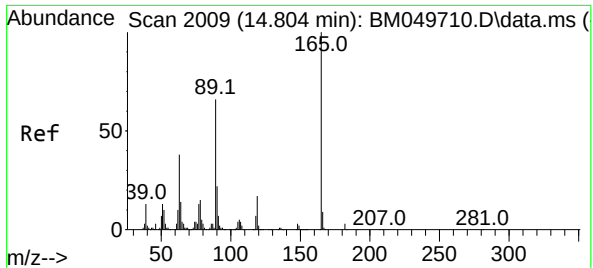
Tgt Ion:168 Resp: 3584928
Ion Ratio Lower Upper
168 100
139 32.2 27.4 41.0
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 114.046 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:139 Resp: 1123672
Ion Ratio Lower Upper
139 100
109 67.2 54.7 94.7
65 82.0 76.2 116.2

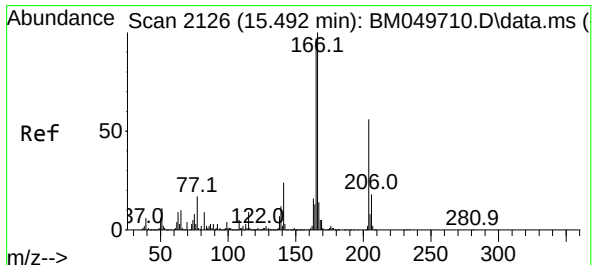
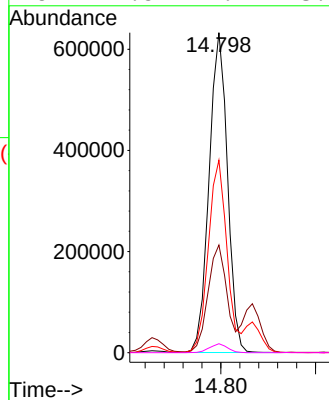
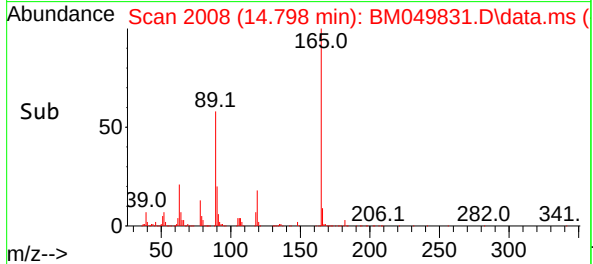
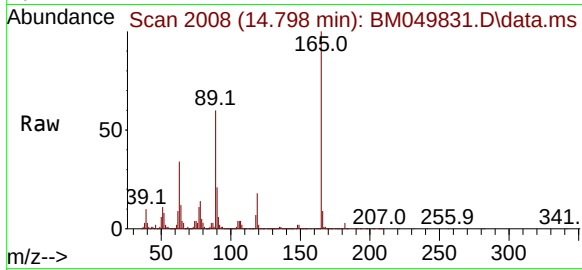




#57
2,4-Dinitrotoluene
Concen: 55.574 ng
RT: 14.798 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

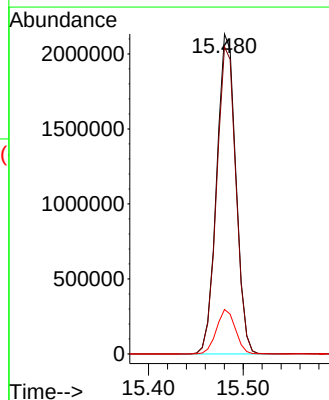
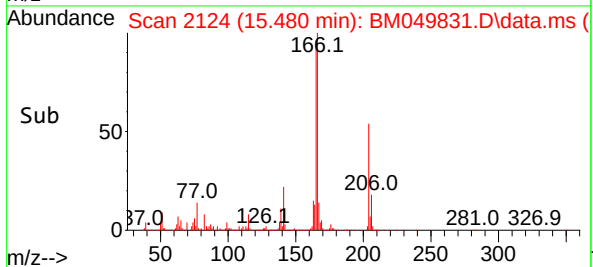
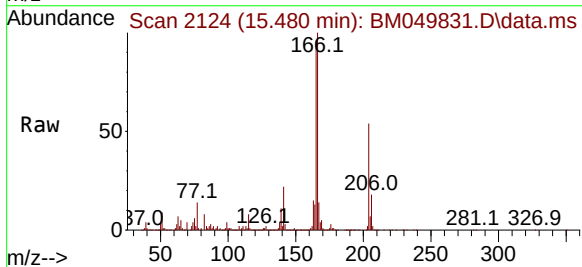
Instrument :
BNA_M
ClientSampleId :
TP-18MS

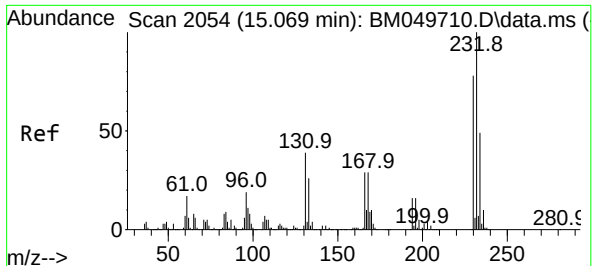
Tgt Ion:165 Resp: 850613
Ion Ratio Lower Upper
165 100
63 33.7 30.8 46.2
89 60.2 53.1 79.7
182 2.8 2.1 3.1



#58
Fluorene
Concen: 46.645 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:166 Resp: 3001109
Ion Ratio Lower Upper
166 100
165 96.0 77.5 116.3
167 13.9 10.9 16.3

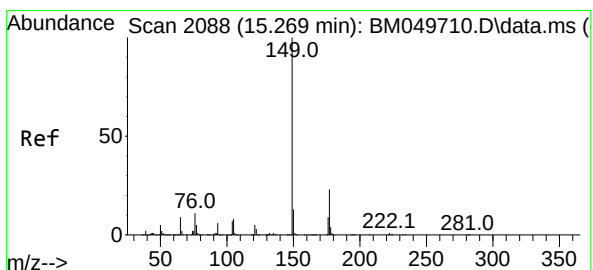
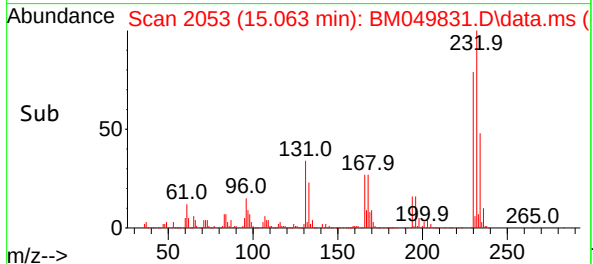
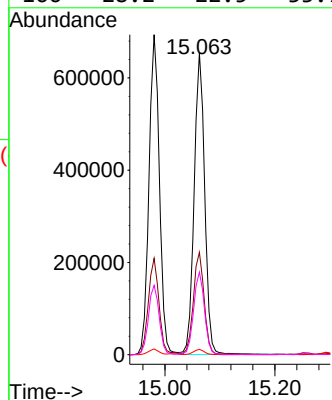
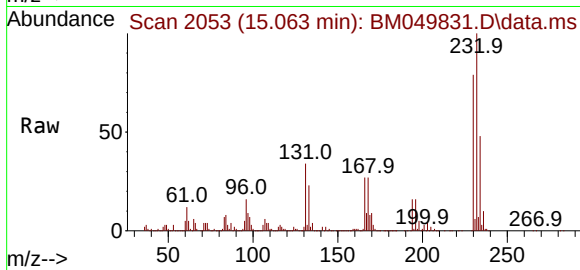




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.768 ng
RT: 15.063 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

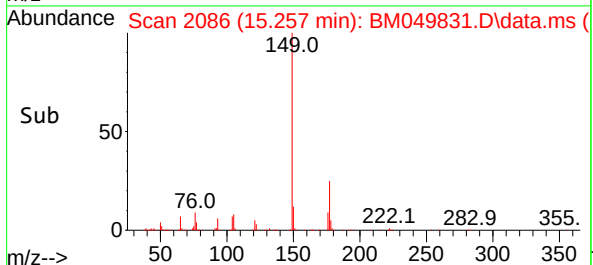
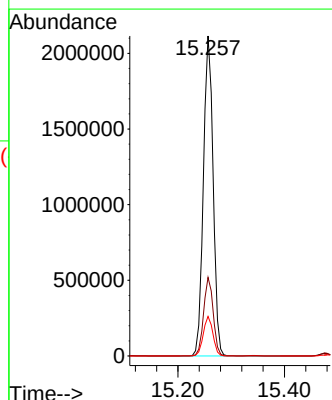
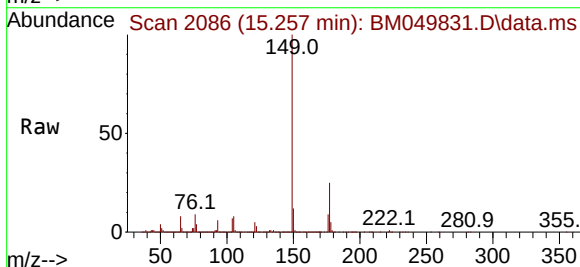
Instrument :
BNA_M
ClientSampleId :
TP-18MS

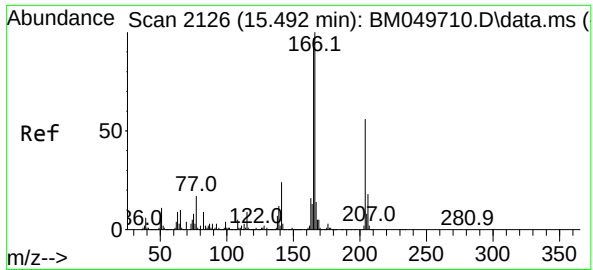
Tgt Ion:232 Resp: 871198
Ion Ratio Lower Upper
232 100
131 34.8 30.0 45.0
130 1.8 1.6 2.4
166 28.2 22.5 33.7



#60
Diethylphthalate
Concen: 47.806 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:149 Resp: 2672859
Ion Ratio Lower Upper
149 100
177 24.5 18.2 27.2
150 12.3 10.0 15.0

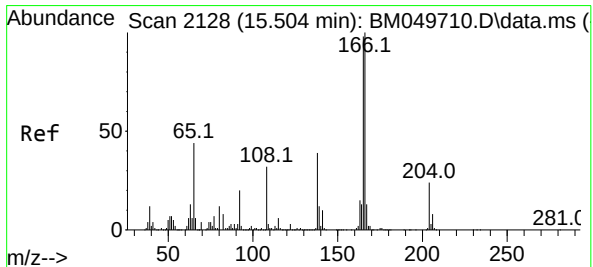
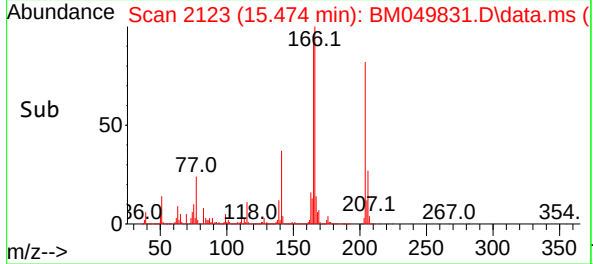
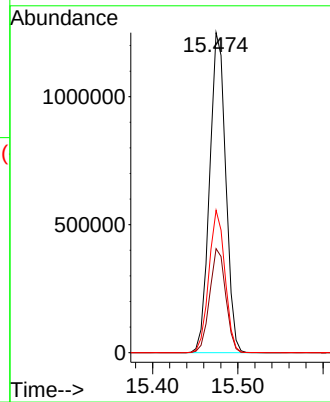
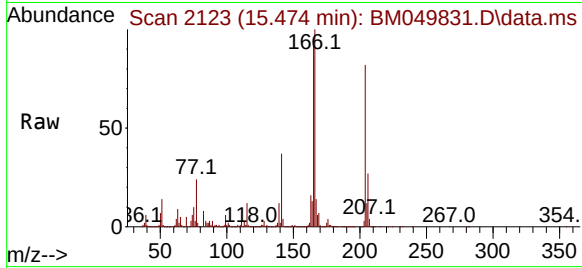




#61
4-Chlorophenyl-phenylether
Concen: 46.663 ng
RT: 15.474 min Scan# 2126
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

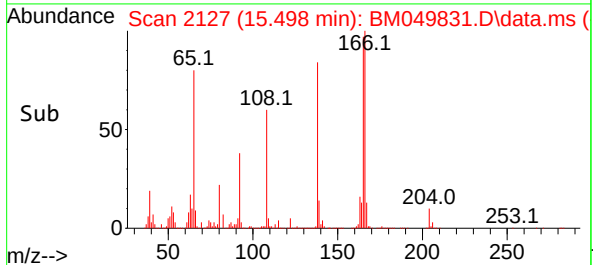
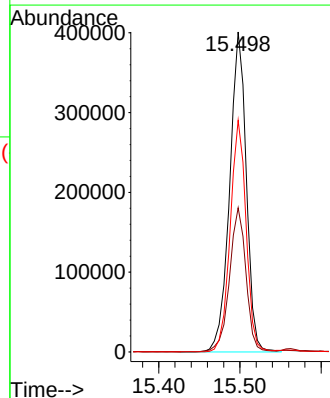
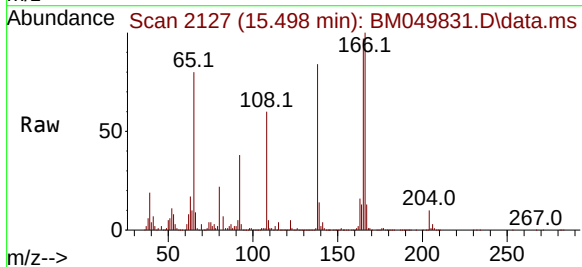
Instrument :
BNA_M
ClientSampleId :
TP-18MS

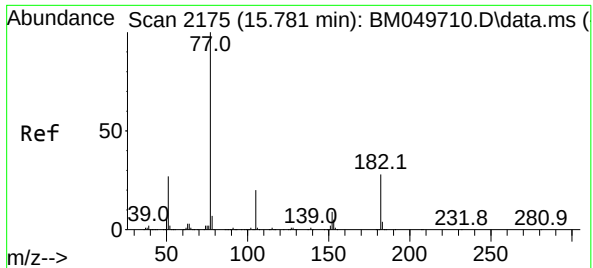
Tgt Ion:204 Resp: 1639431
Ion Ratio Lower Upper
204 100
206 32.5 25.2 37.8
141 44.5 34.5 51.7



#62
4-Nitroaniline
Concen: 42.933 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:138 Resp: 572410
Ion Ratio Lower Upper
138 100
92 45.0 29.8 69.8
108 72.4 61.3 101.3

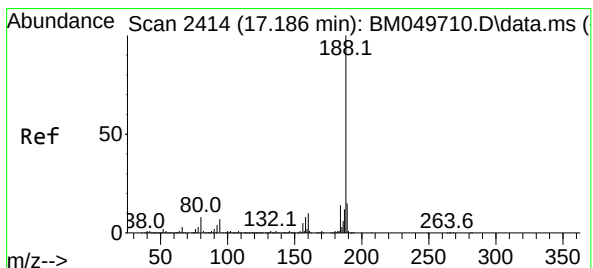
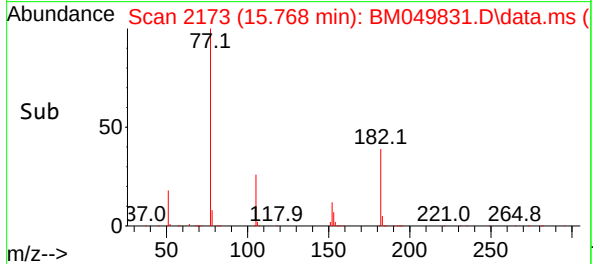
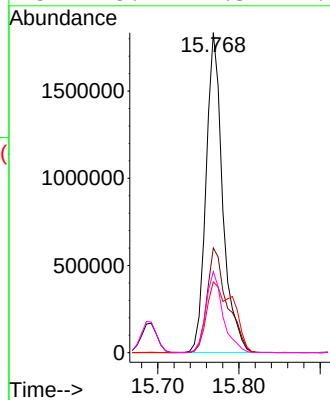
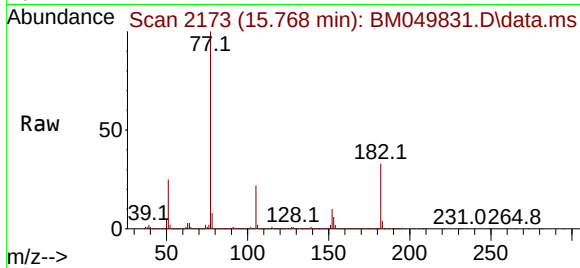




#63
Azobenzene
Concen: 48.704 ng
RT: 15.768 min Scan# 2173
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

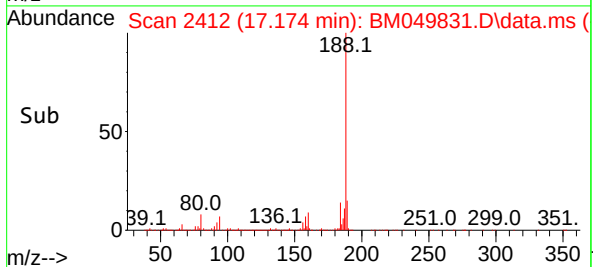
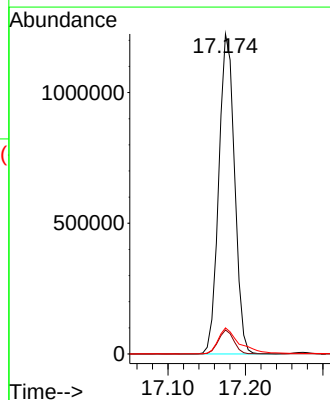
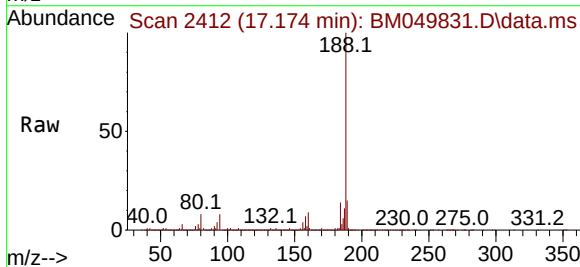
Instrument :
BNA_M
ClientSampleId :
TP-18MS

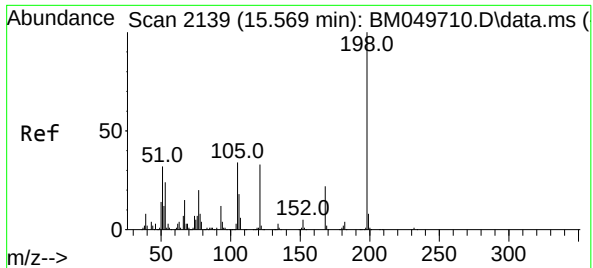
Tgt Ion: 77 Resp: 2601003
Ion Ratio Lower Upper
77 100
182 32.7 8.0 48.0
105 22.1 0.0 40.0
51 25.4 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:188 Resp: 1735840
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 8.1 6.3 9.5

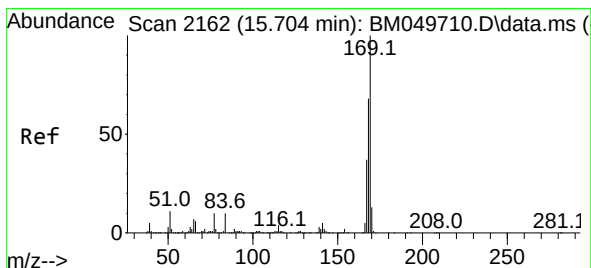
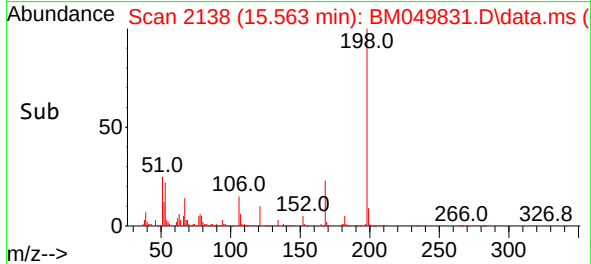
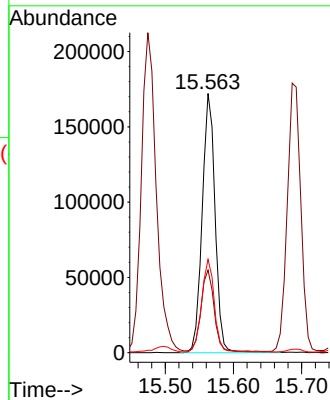
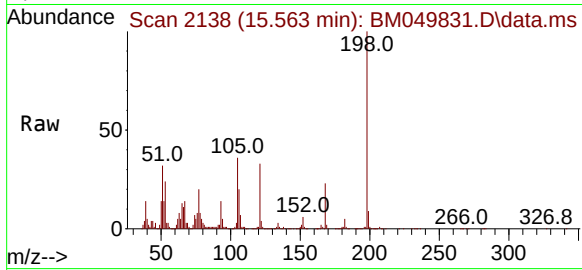




#65
4,6-Dinitro-2-methylphenol
Concen: 27.920 ng
RT: 15.563 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

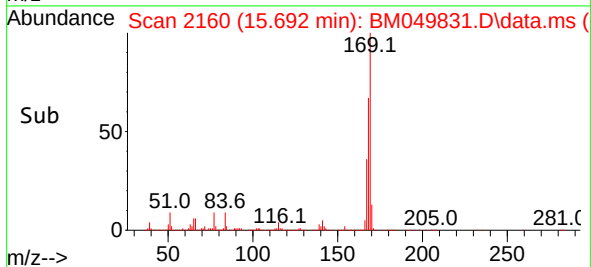
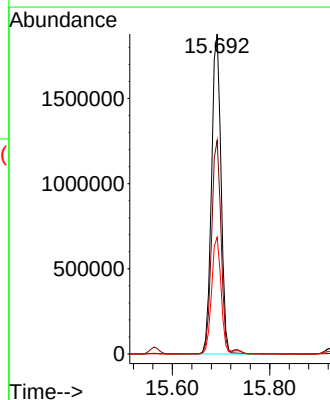
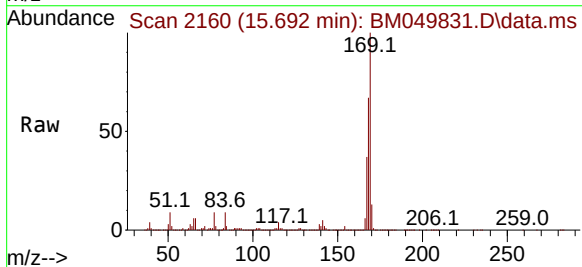
Instrument :
BNA_M
ClientSampleId :
TP-18MS

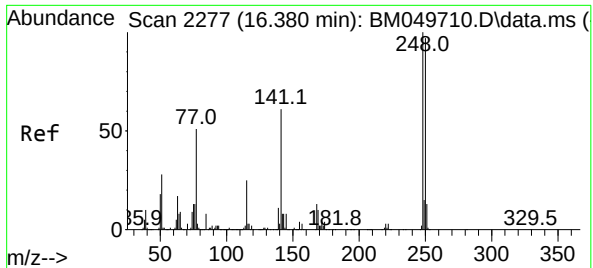
Tgt Ion:198 Resp: 226523
Ion Ratio Lower Upper
198 100
51 31.9 13.8 53.8
105 36.0 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 47.841 ng
RT: 15.692 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:169 Resp: 2516077
Ion Ratio Lower Upper
169 100
168 66.7 54.8 82.2
167 36.5 29.9 44.9

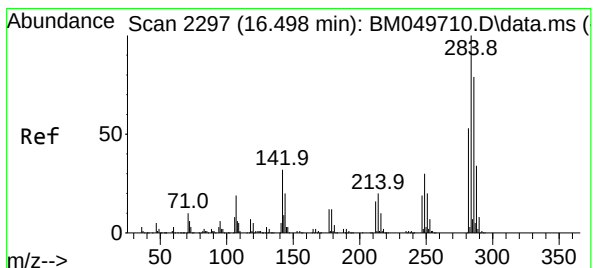
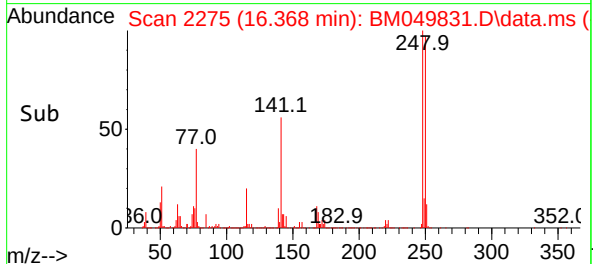
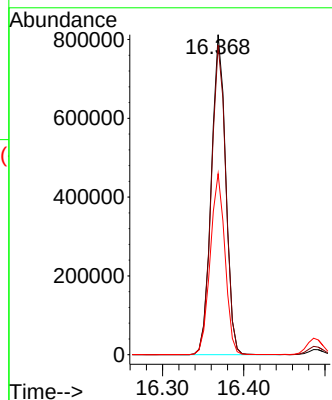
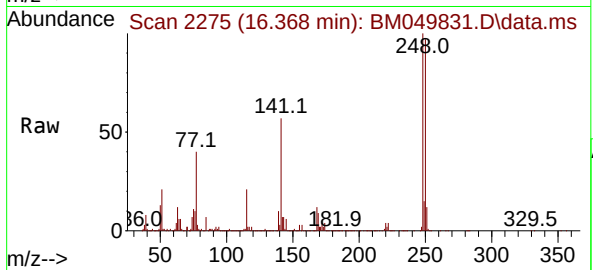




#67
4-Bromophenyl-phenylether
Concen: 49.851 ng
RT: 16.368 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

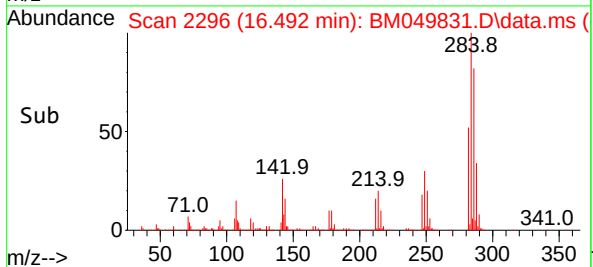
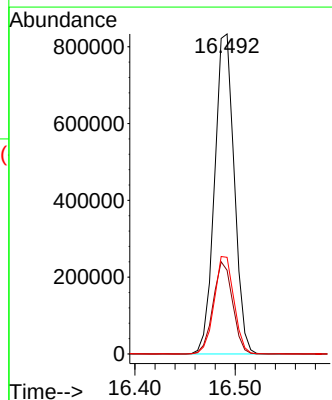
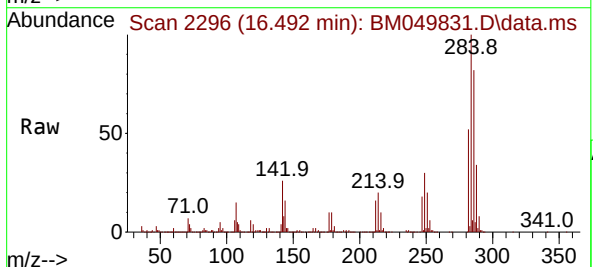
Instrument :
BNA_M
ClientSampleId :
TP-18MS

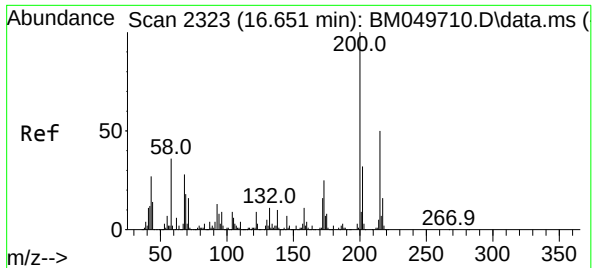
Tgt Ion:248 Resp: 999084
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 56.6 48.6 73.0



#68
Hexachlorobenzene
Concen: 50.276 ng
RT: 16.492 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:284 Resp: 1133078
Ion Ratio Lower Upper
284 100
142 26.2 25.5 38.3
249 30.2 24.2 36.2

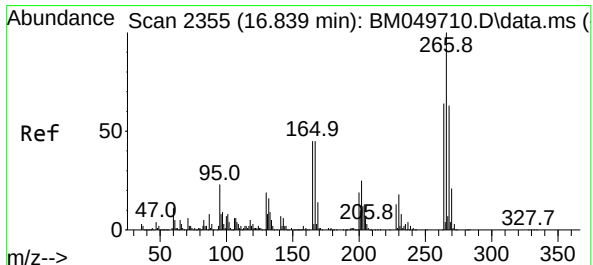
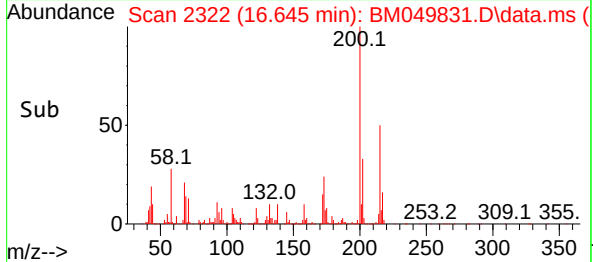
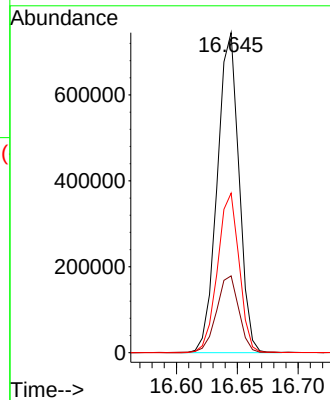
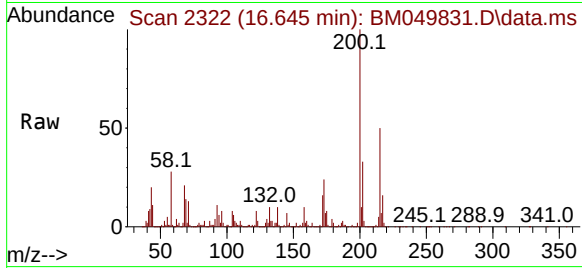




#69
Atrazine
Concen: 79.821 ng
RT: 16.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

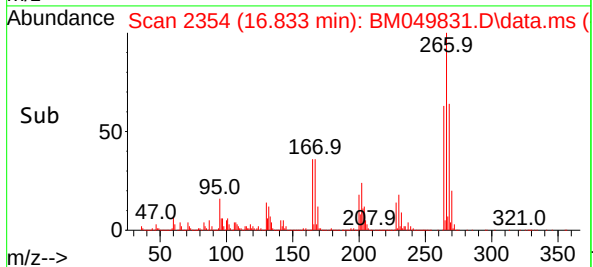
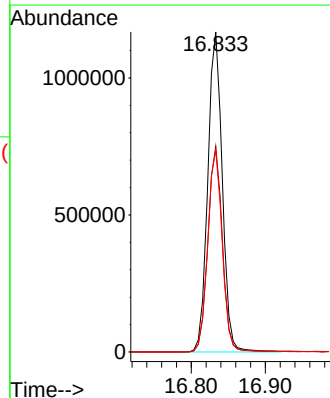
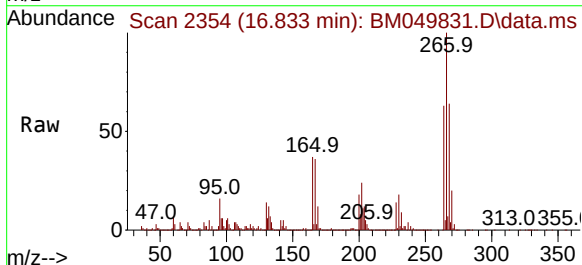
Instrument :
BNA_M
ClientSampleId :
TP-18MS

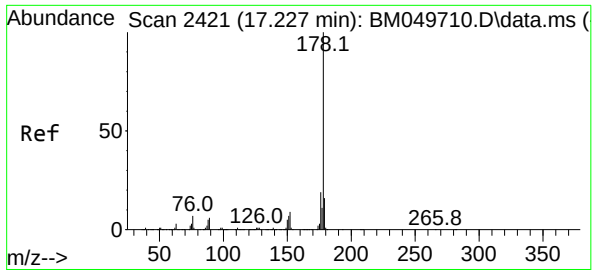
Tgt Ion:200 Resp: 925169
Ion Ratio Lower Upper
200 100
173 24.0 5.4 45.4
215 49.9 29.8 69.8



#70
Pentachlorophenol
Concen: 112.143 ng
RT: 16.833 min Scan# 2354
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:266 Resp: 1588260
Ion Ratio Lower Upper
266 100
268 64.3 50.2 75.2
264 63.0 51.3 76.9

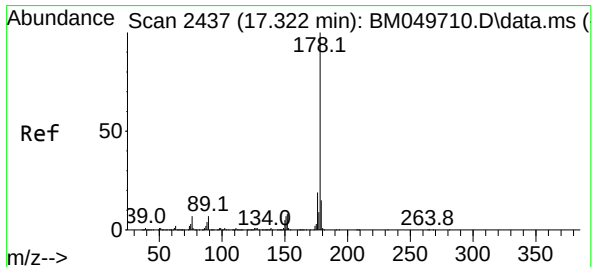
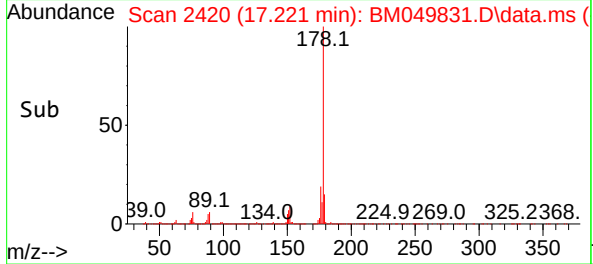
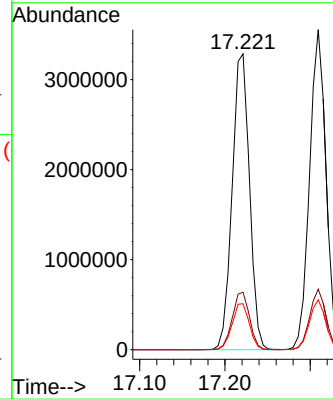
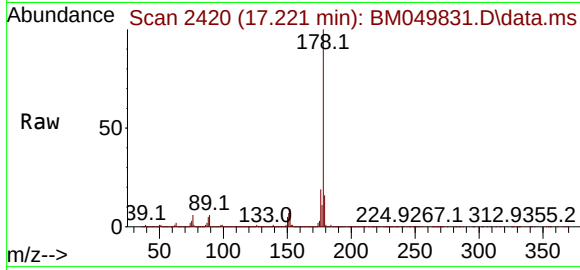




#71
Phenanthrene
Concen: 48.099 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

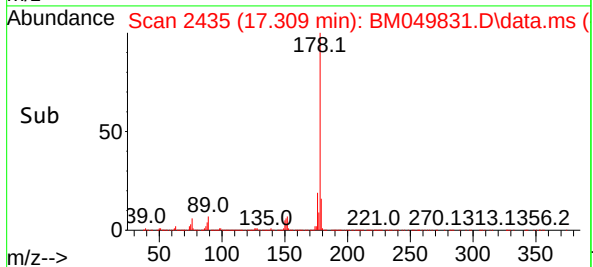
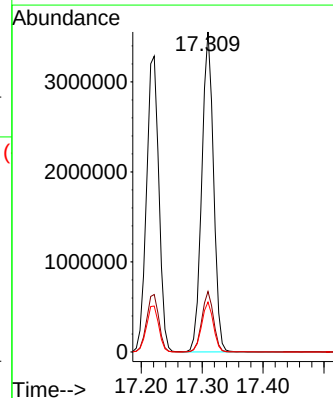
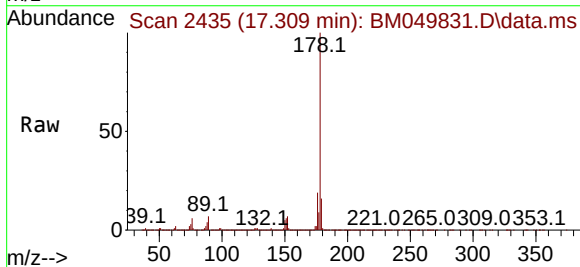
Instrument :
BNA_M
ClientSampleId :
TP-18MS

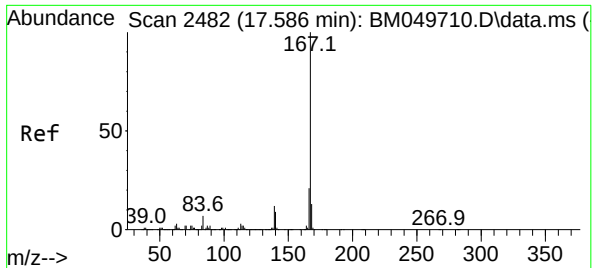
Tgt Ion:178 Resp: 4636151
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 50.990 ng
RT: 17.309 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:178 Resp: 4759687
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.4 18.6

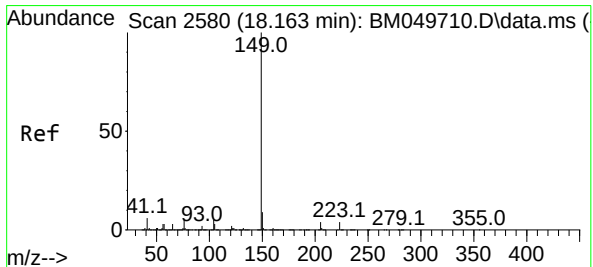
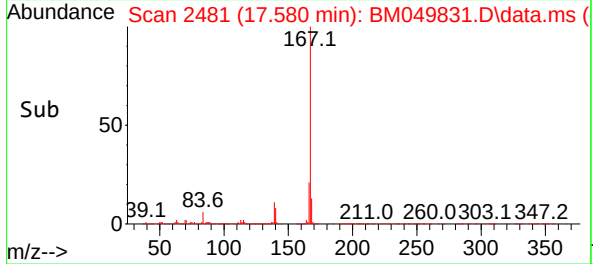
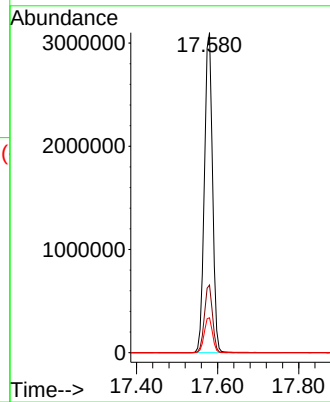
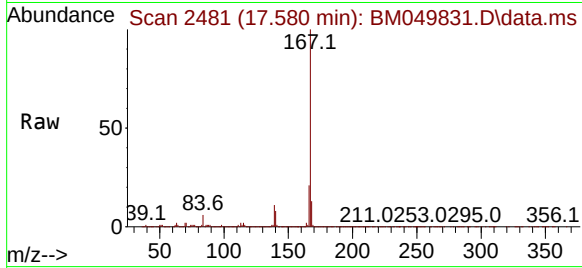




#73
Carbazole
Concen: 50.659 ng
RT: 17.580 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

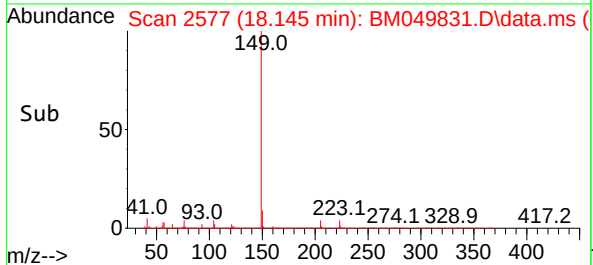
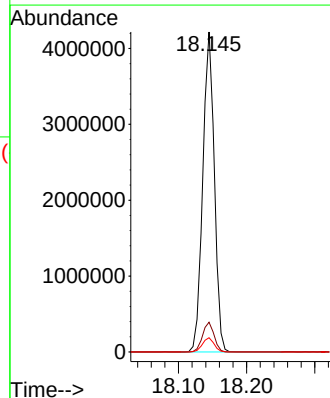
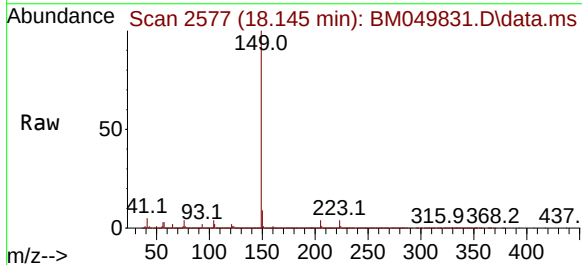
Instrument :
BNA_M
ClientSampleId :
TP-18MS

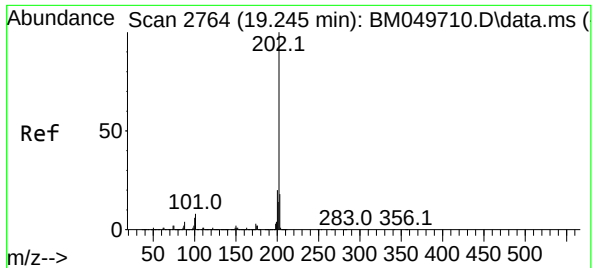
Tgt Ion:167 Resp: 4282604
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 10.9 9.4 14.2



#74
Di-n-butylphthalate
Concen: 53.553 ng
RT: 18.145 min Scan# 2577
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:149 Resp: 4962054
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 4.5 3.9 5.9

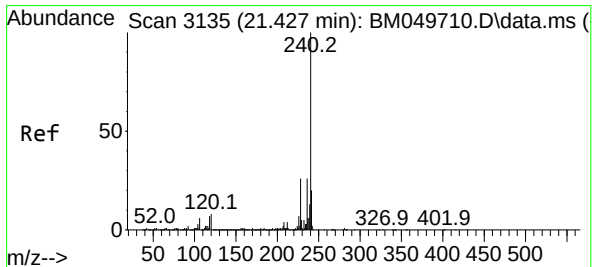
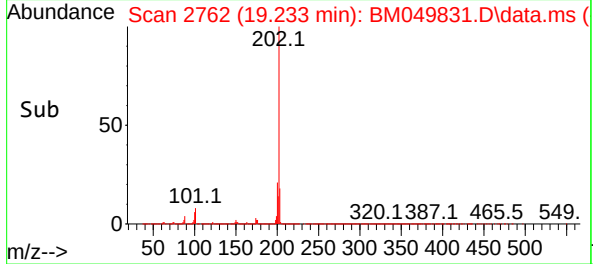
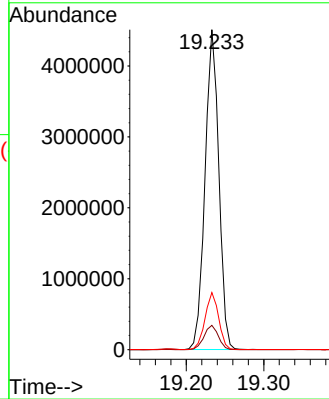
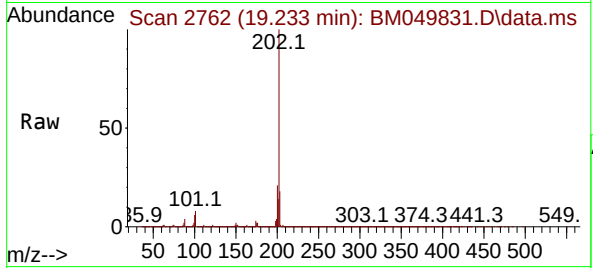




#75
Fluoranthene
Concen: 50.141 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

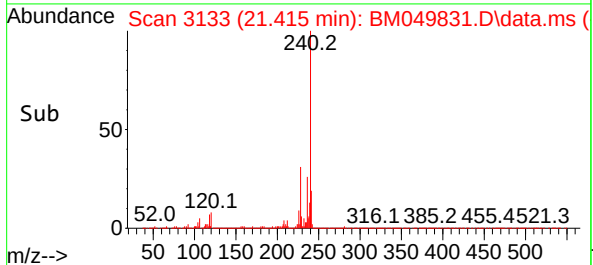
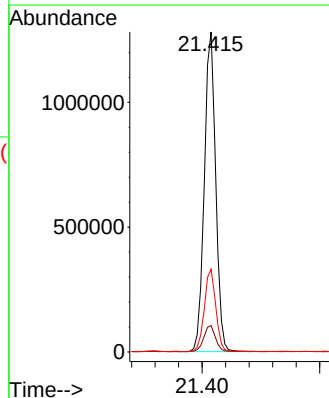
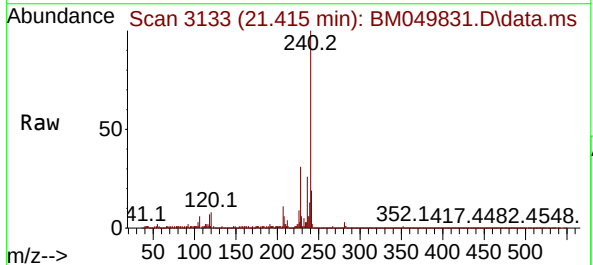
Instrument :
BNA_M
ClientSampleId :
TP-18MS

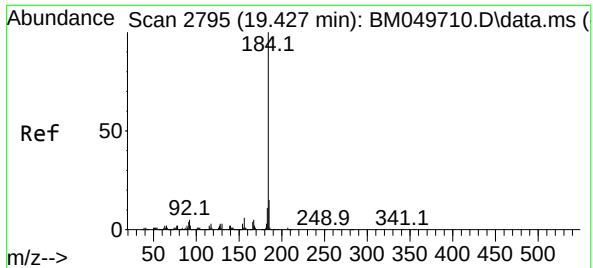
Tgt Ion:202 Resp: 5564095
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.8
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3133
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:240 Resp: 1721481
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.9 20.7 31.1

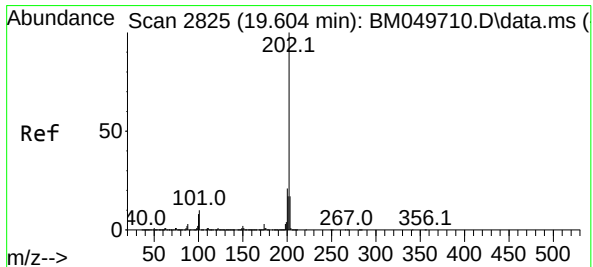
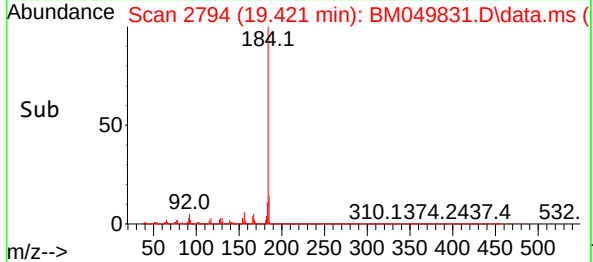
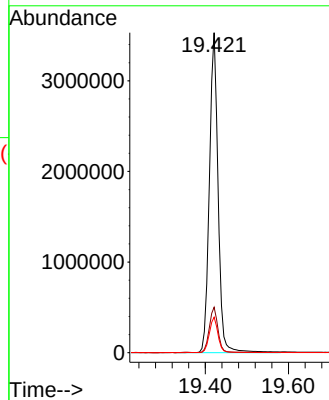
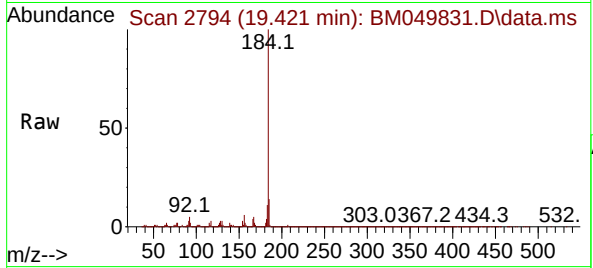




#77
Benzidine
Concen: 248.731 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

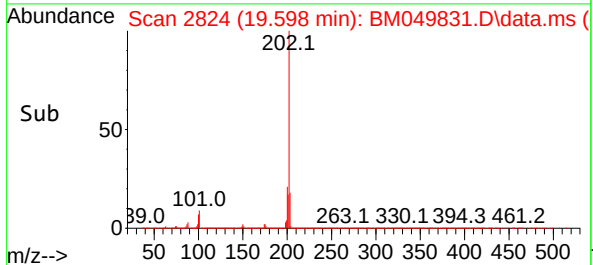
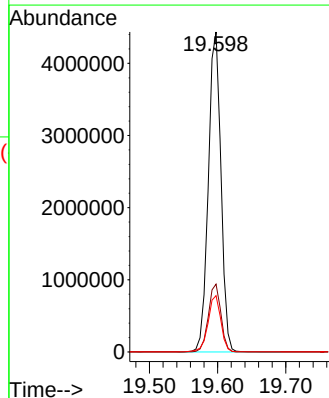
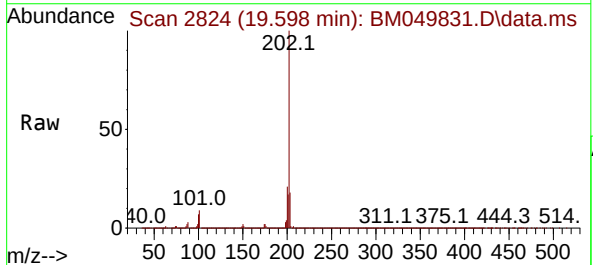
Instrument :
BNA_M
ClientSampleId :
TP-18MS

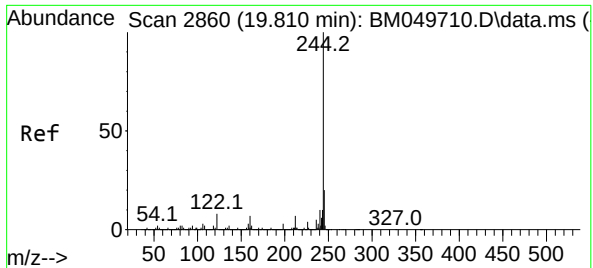
Tgt Ion:184 Resp: 5144221
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.1 8.8 13.2



#78
Pyrene
Concen: 47.326 ng
RT: 19.598 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:202 Resp: 5692052
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.6 14.0 21.0

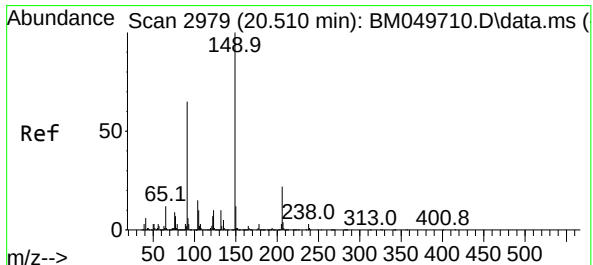
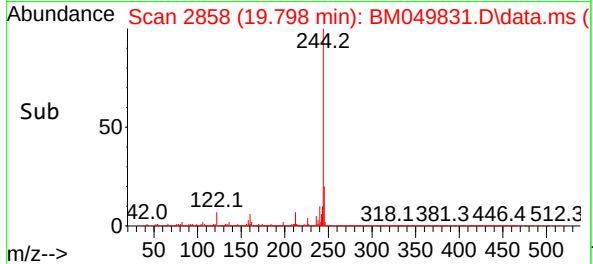
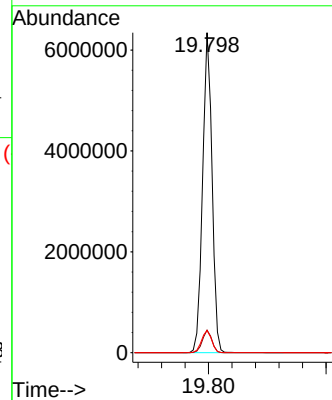
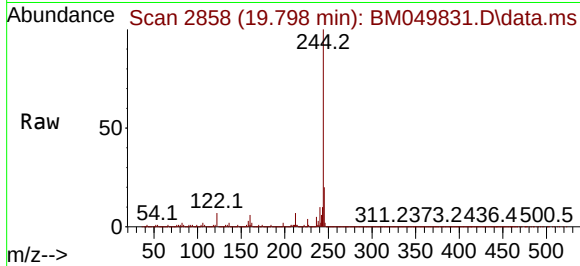




#79
Terphenyl-d14
Concen: 69.023 ng
RT: 19.798 min Scan# 2858
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

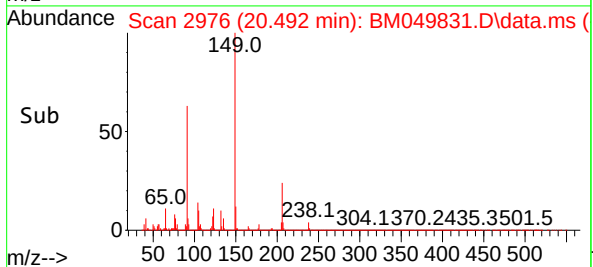
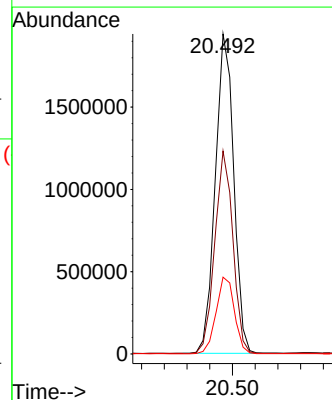
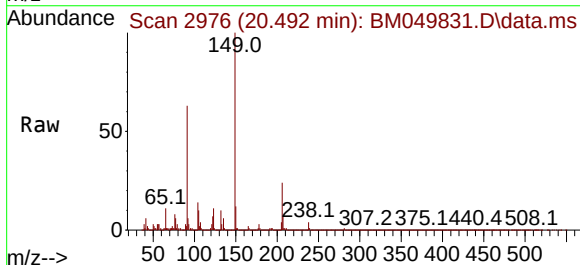
Instrument :
BNA_M
ClientSampleId :
TP-18MS

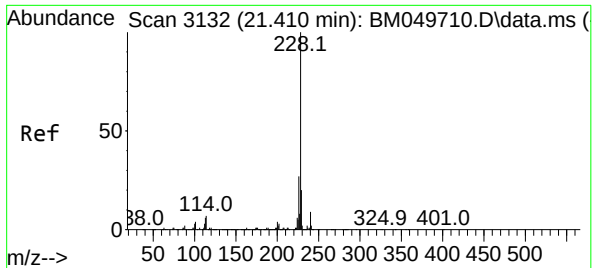
Tgt Ion:244 Resp: 7051205
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 7.0 6.0 9.0



#80
Butylbenzylphthalate
Concen: 58.586 ng
RT: 20.492 min Scan# 2976
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:149 Resp: 2186734
Ion Ratio Lower Upper
149 100
91 63.4 52.2 78.4
206 24.0 17.6 26.4

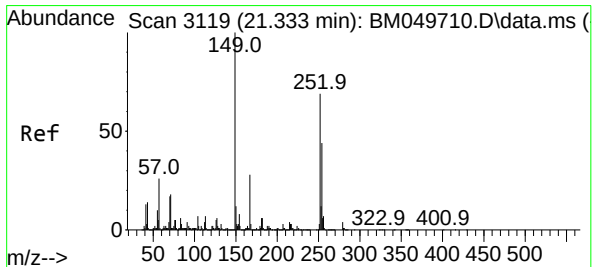
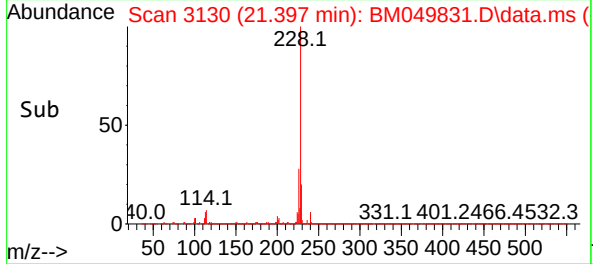
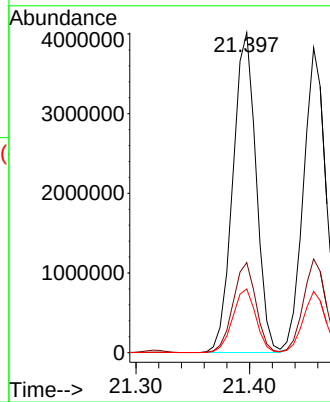
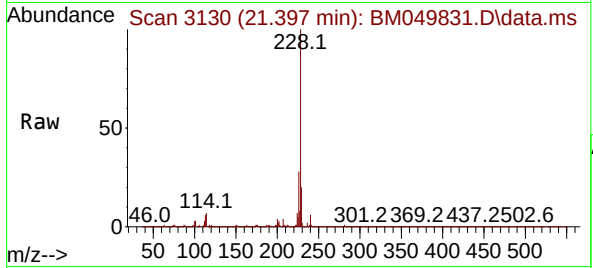




#81
Benzo(a)anthracene
Concen: 49.525 ng
RT: 21.397 min Scan# 3130
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

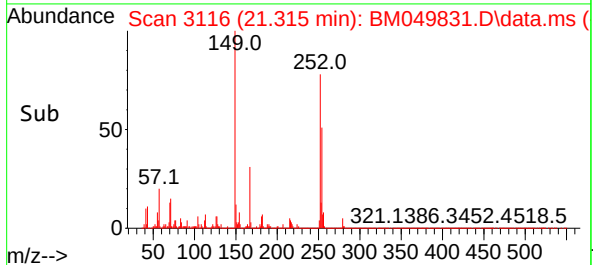
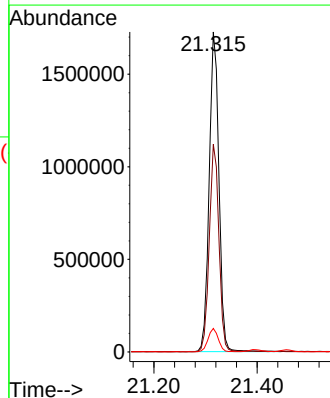
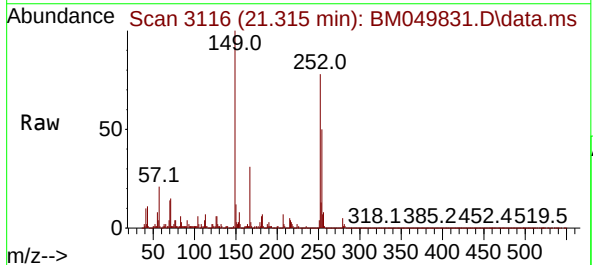
Instrument :
BNA_M
ClientSampleId :
TP-18MS

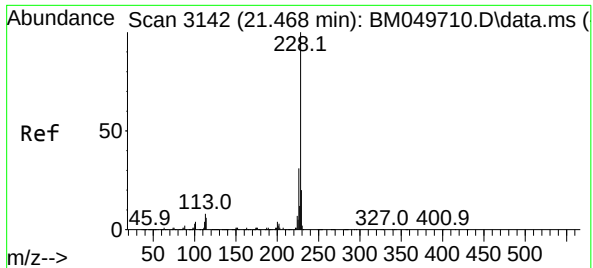
Tgt Ion:228 Resp: 5694517
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 60.060 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:252 Resp: 2248387
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.4
126 7.3 6.3 9.5

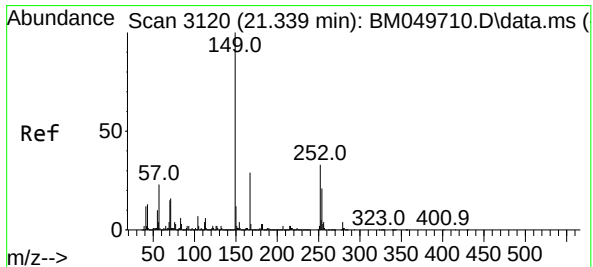
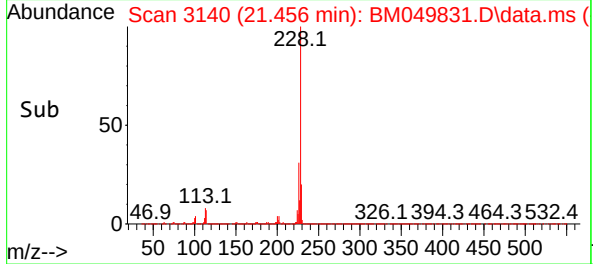
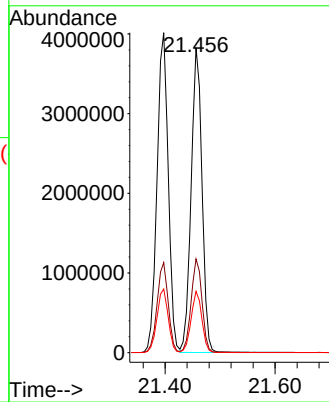
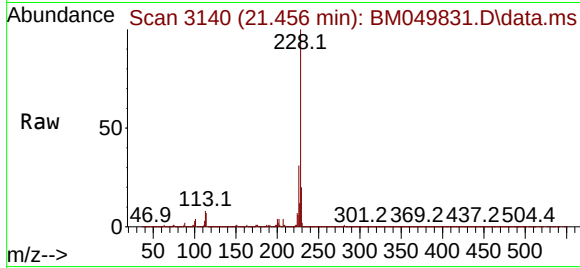




#83
Chrysene
Concen: 48.024 ng
RT: 21.456 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

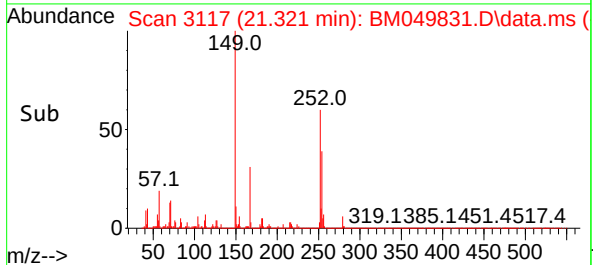
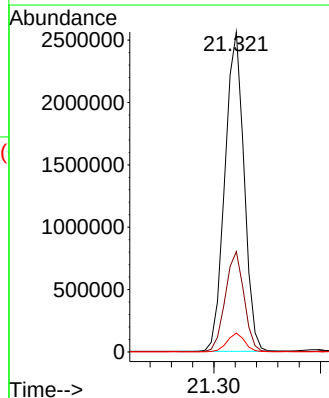
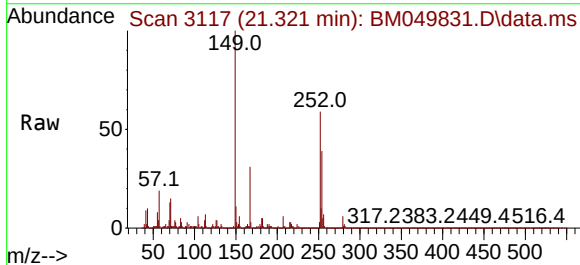
Instrument :
BNA_M
ClientSampleId :
TP-18MS

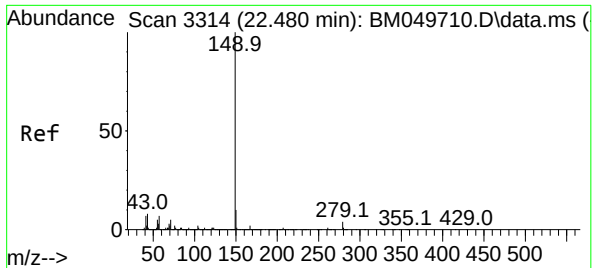
Tgt Ion:228 Resp: 5234523
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 20.1 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.784 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:149 Resp: 3186763
Ion Ratio Lower Upper
149 100
167 31.3 22.9 34.3
279 5.9 3.5 5.3#

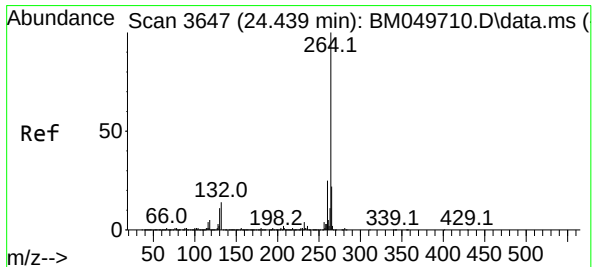
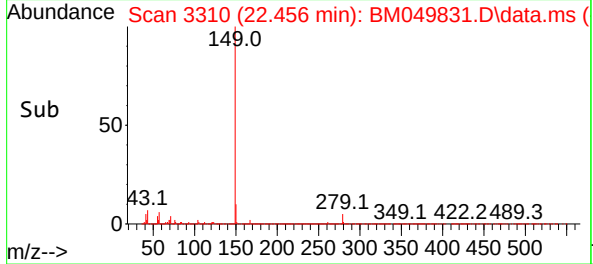
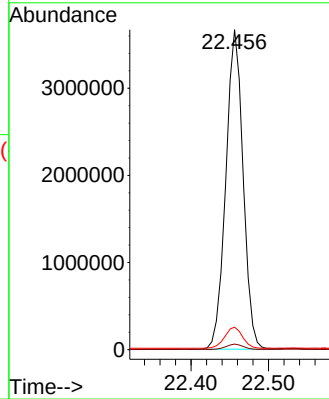
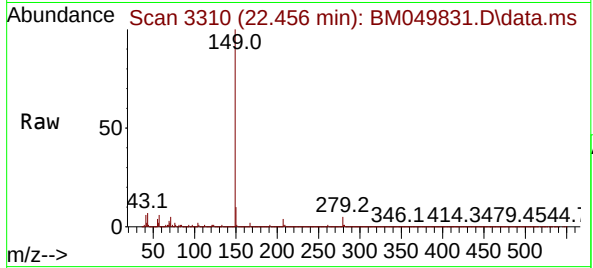




#85
Di-n-octyl phthalate
Concen: 62.863 ng
RT: 22.456 min Scan# 31
Delta R.T. -0.024 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

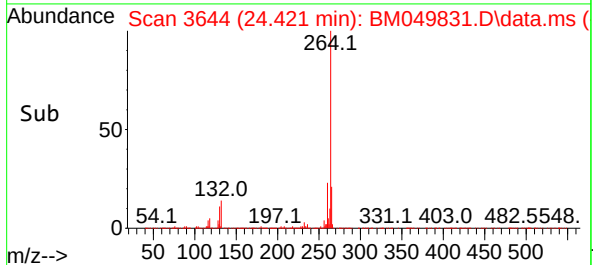
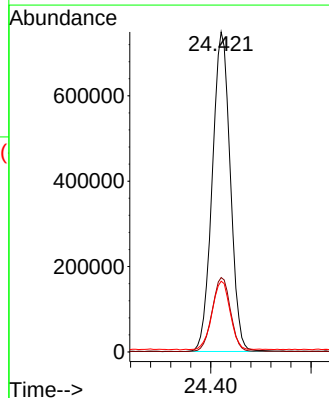
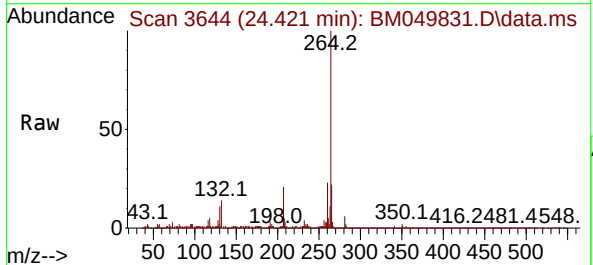
Instrument :
BNA_M
ClientSampleId :
TP-18MS

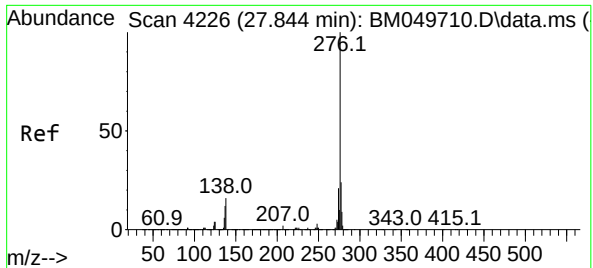
Tgt Ion:149 Resp: 5683539
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.8 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.421 min Scan# 3644
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:264 Resp: 1866539
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 22.1 18.2 27.2

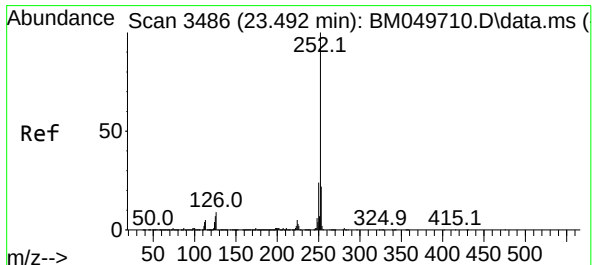
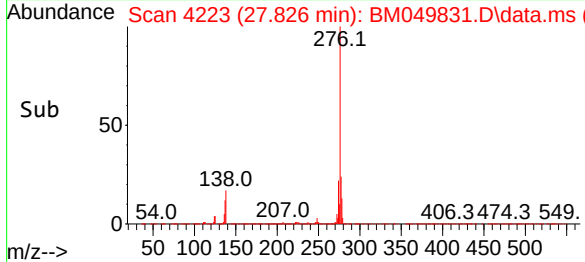
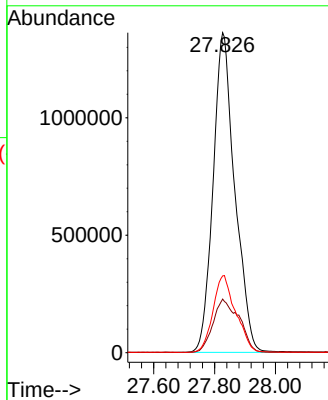
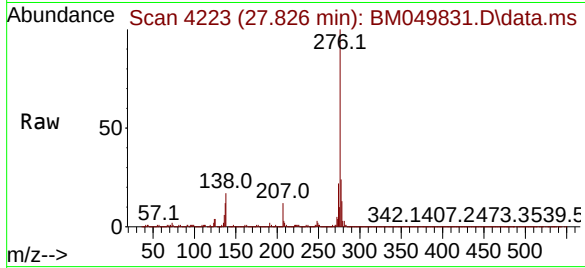




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.278 ng
RT: 27.826 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

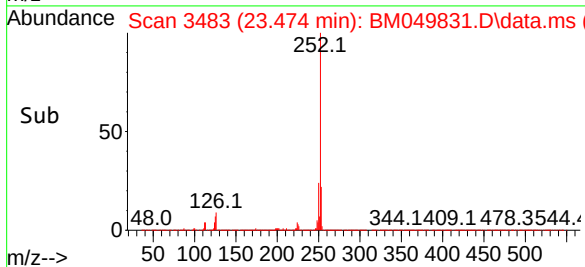
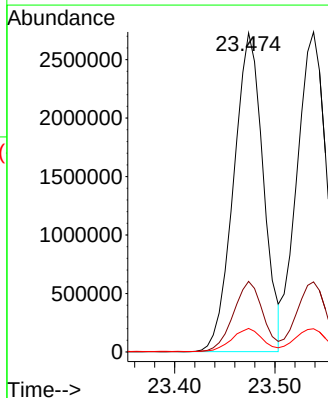
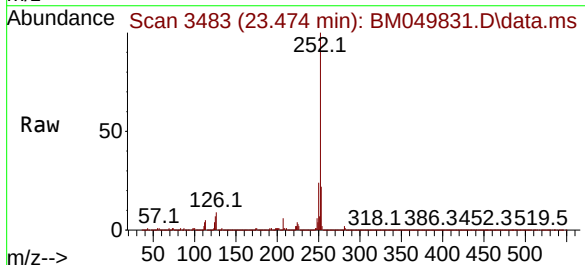
Instrument :
BNA_M
ClientSampleId :
TP-18MS

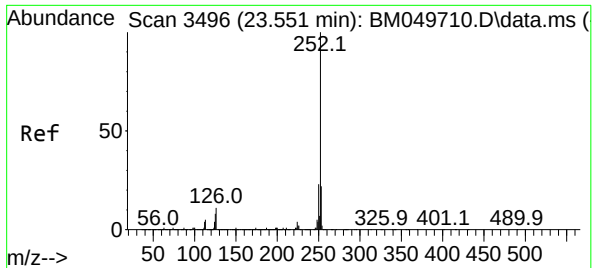
Tgt Ion:276 Resp: 6754576
Ion Ratio Lower Upper
276 100
138 20.0 16.3 24.5
277 25.1 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 44.564 ng
RT: 23.474 min Scan# 3483
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:252 Resp: 5602460
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 7.4 5.9 8.9

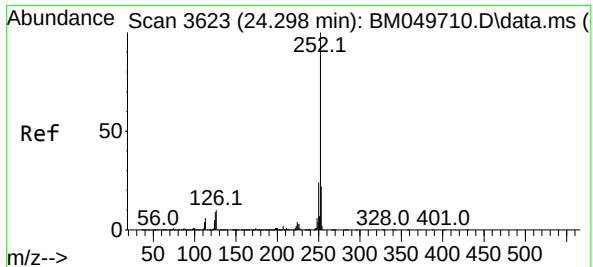
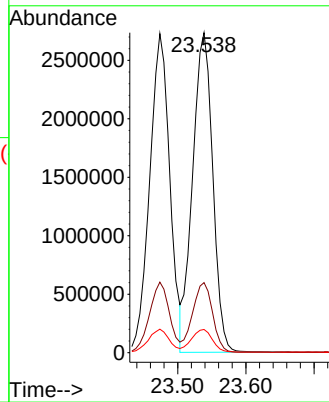
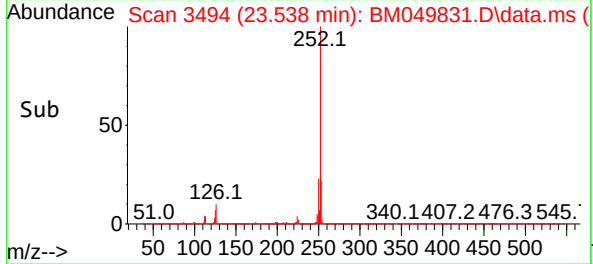
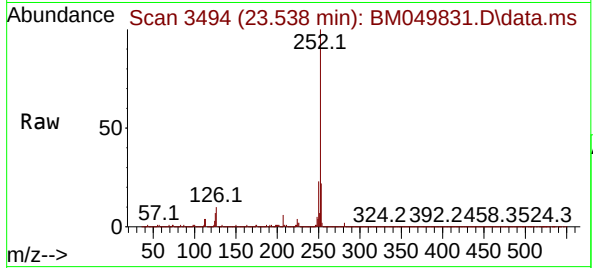




#89
Benzo(k)fluoranthene
Concen: 45.118 ng
RT: 23.538 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

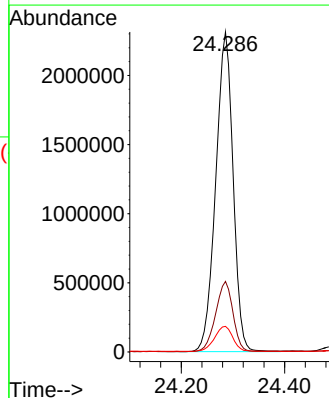
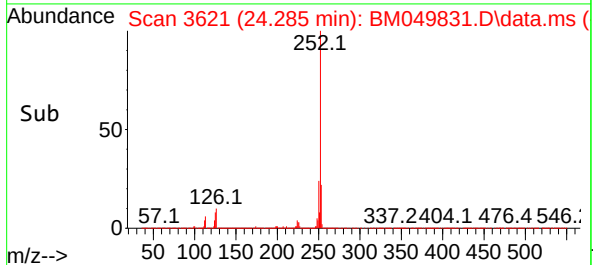
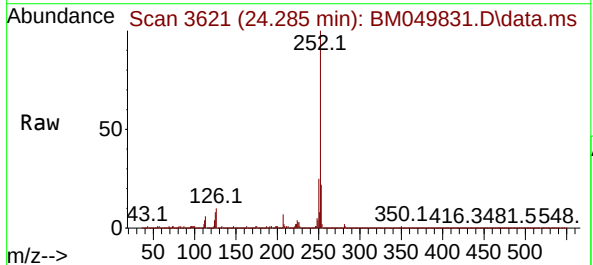
Instrument :
BNA_M
ClientSampleId :
TP-18MS

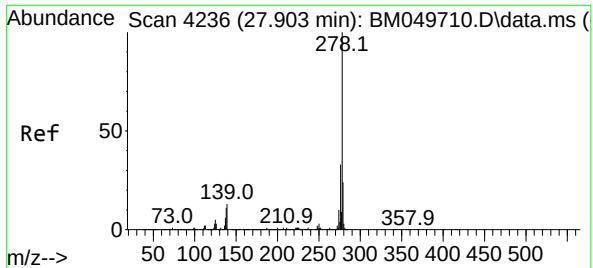
Tgt Ion:252 Resp: 5581332
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 7.2 6.2 9.2



#90
Benzo(a)pyrene
Concen: 50.878 ng
RT: 24.285 min Scan# 3621
Delta R.T. -0.012 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:252 Resp: 5372649
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.0 7.0 10.6

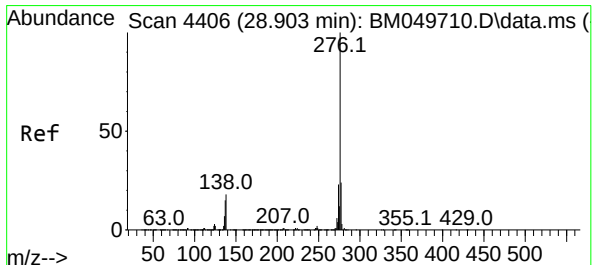
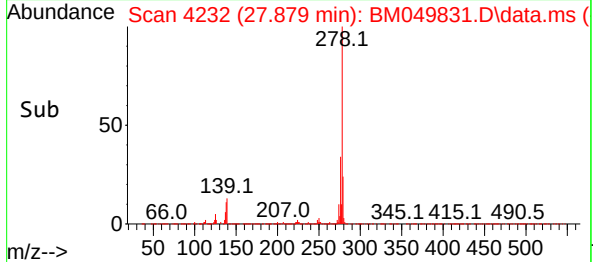
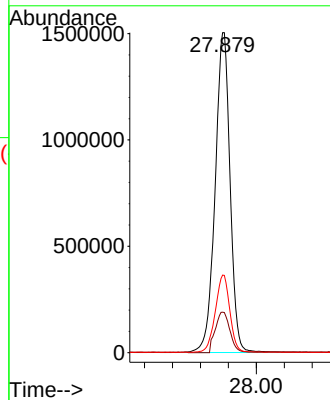
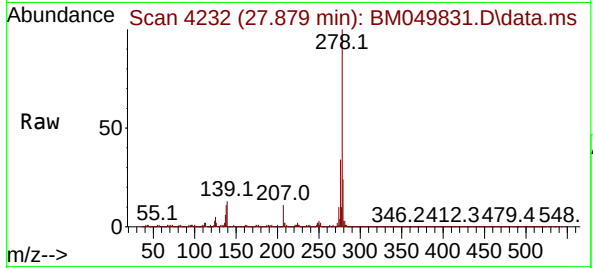




#91
Dibenzo(a,h)anthracene
Concen: 49.785 ng
RT: 27.879 min Scan# 41
Delta R.T. -0.024 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

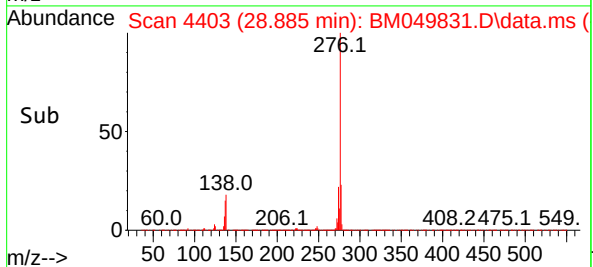
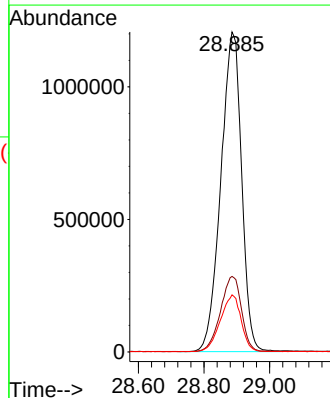
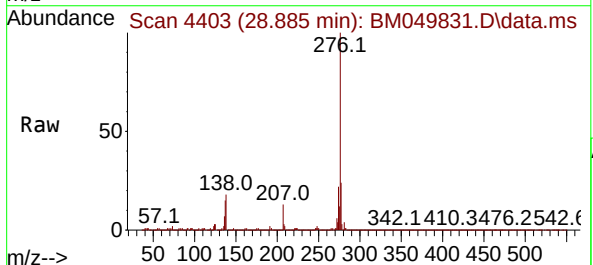
Instrument :
BNA_M
ClientSampleId :
TP-18MS

Tgt Ion:278 Resp: 5572457
Ion Ratio Lower Upper
278 100
139 12.7 10.1 15.1
279 24.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 46.866 ng
RT: 28.885 min Scan# 4403
Delta R.T. -0.018 min
Lab File: BM049831.D
Acq: 04 Apr 2025 19:56

Tgt Ion:276 Resp: 5283895
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 17.9 14.0 21.0



Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	04/01/25
Project:	MTA Rockaway Park	Date Received:	04/01/25
Client Sample ID:	TP-18MSD	SDG No.:	Q1698
Lab Sample ID:	Q1694-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	88.1
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049823.D	1	04/03/25 09:25	04/04/25 14:43	PB167436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1.00		0.016	0.12	mg/Kg
208-96-8	Acenaphthylene	1.20		0.020	0.12	mg/Kg
83-32-9	Acenaphthene	1.10		0.015	0.12	mg/Kg
86-73-7	Fluorene	1.10		0.017	0.12	mg/Kg
85-01-8	Phenanthrene	1.10		0.014	0.12	mg/Kg
120-12-7	Anthracene	1.20		0.023	0.12	mg/Kg
206-44-0	Fluoranthene	1.20		0.020	0.12	mg/Kg
129-00-0	Pyrene	1.10		0.025	0.12	mg/Kg
56-55-3	Benzo(a)anthracene	1.10		0.016	0.12	mg/Kg
218-01-9	Chrysene	1.10		0.014	0.12	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.10		0.013	0.12	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.10		0.015	0.12	mg/Kg
50-32-8	Benzo(a)pyrene	1.20		0.020	0.12	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.20		0.020	0.12	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.20		0.019	0.12	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.10		0.018	0.12	mg/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	65.3		18 - 107	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.7		20 - 109	63%	SPK: 100
1718-51-0	Terphenyl-d14	73.9		10 - 105	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	284000	7.787			
1146-65-2	Naphthalene-d8	1050000	10.58			
15067-26-2	Acenaphthene-d10	721000	14.427			
1517-22-2	Phenanthrene-d10	1520000	17.168			
1719-03-5	Chrysene-d12	1580000	21.409			
1520-96-3	Perylene-d12	1550000	24.409			

Report of Analysis

Client:	Tully Construction Co., Inc.		Date Collected:	04/01/25	
Project:	MTA Rockaway Park		Date Received:	04/01/25	
Client Sample ID:	TP-18MSD		SDG No.:	Q1698	
Lab Sample ID:	Q1694-01MSD		Matrix:	SOIL	
Analytical Method:	SW8270		% Solid:	88.1	
Sample Wt/Vol:	50.02	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOC-PAH	
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
BM049823.D	1	04/03/25 09:25	04/04/25 14:43	PB167436

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\BM040425\
 Data File : BM049823.D
 Acq On : 04 Apr 2025 14:43
 Operator : RC/JU
 Sample : Q1694-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MSD

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
 Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 15:18:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	283573	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1050554	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	720854	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1520332	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1576204	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1548769	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1824127	108.540	ng	-0.02
7) Phenol-d6	6.963	99	2377363	112.721	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1335950	65.289	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1248715	148.349	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3608868	62.699	ng	-0.02
79) Terphenyl-d14	19.792	244	6913213	73.909	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	284937	39.165	ng	96
3) Pyridine	3.669	79	796105	42.847	ng	97
4) n-Nitrosodimethylamine	3.575	42	325138	39.549	ng	89
6) Aniline	7.110	93	1062499	60.132	ng	98
8) 2-Chlorophenol	7.351	128	867557	52.128	ng	97
9) Benzaldehyde	6.922	77	494417	47.420	ng	95
10) Phenol	6.987	94	1091167	53.357	ng	94
11) bis(2-Chloroethyl)ether	7.210	93	785473	47.431	ng	97
12) 1,3-Dichlorobenzene	7.675	146	948506	46.897	ng	97
13) 1,4-Dichlorobenzene	7.822	146	959517	47.026	ng	98
14) 1,2-Dichlorobenzene	8.139	146	923944	47.647	ng	99
15) Benzyl Alcohol	8.028	79	714722	54.001	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.310	45	917027m	47.114	ng	
17) 2-Methylphenol	8.234	107	692412	57.029	ng	97
18) Hexachloroethane	8.869	117	334390	46.408	ng	92
19) n-Nitroso-di-n-propyla...	8.592	70	611922	50.036	ng	98
20) 3+4-Methylphenols	8.557	107	947011	58.203	ng	96
22) Acetophenone	8.610	105	1221869	45.108	ng	# 97
24) Nitrobenzene	8.986	77	865318	44.849	ng	94
25) Isophorone	9.516	82	1672660	53.241	ng	97
26) 2-Nitrophenol	9.692	139	453197	55.187	ng	95
27) 2,4-Dimethylphenol	9.763	122	766529	73.332	ng	96
28) bis(2-Chloroethoxy)met...	9.992	93	1049451	47.428	ng	98
29) 2,4-Dichlorophenol	10.233	162	895421	52.571	ng	98
30) 1,2,4-Trichlorobenzene	10.445	180	953114	44.725	ng	100
31) Naphthalene	10.633	128	2457744	45.497	ng	100
32) Benzoic acid	9.898	122	603855	67.927	ng	93
33) 4-Chloroaniline	10.739	127	739977	40.138	ng	97
34) Hexachlorobutadiene	10.922	225	582683	44.292	ng	98
35) Caprolactam	11.522	113	271046	68.542	ng	89
36) 4-Chloro-3-methylphenol	11.874	107	837254	57.279	ng	99
37) 2-Methylnaphthalene	12.245	142	1663597	44.042	ng	99
38) 1-Methylnaphthalene	12.469	142	1765673	48.449	ng	96
40) 1,2,4,5-Tetrachloroben...	12.616	216	1133822	42.821	ng	99
41) Hexachlorocyclopentadiene	12.604	237	1446002	147.410	ng	97
43) 2,4,6-Trichlorophenol	12.857	196	776826	52.383	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049823.D
 Acq On : 04 Apr 2025 14:43
 Operator : RC/JU
 Sample : Q1694-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MSD

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
 Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 15:18:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	852479	52.678	ng	98
46) 1,1'-Biphenyl	13.263	154	2495189	44.912	ng	100
47) 2-Chloronaphthalene	13.304	162	1985404	45.912	ng	99
48) 2-Nitroaniline	13.504	65	515679	53.121	ng	92
49) Acenaphthylene	14.151	152	3184107	52.678	ng	99
50) Dimethylphthalate	13.886	163	2528429	50.945	ng	100
51) 2,6-Dinitrotoluene	14.004	165	545022	54.807	ng	87
52) Acenaphthene	14.492	154	1877545	47.355	ng	99
53) 3-Nitroaniline	14.327	138	424820	44.892	ng	97
54) 2,4-Dinitrophenol	14.539	184	703634	100.585	ng	89
55) Dibenzofuran	14.827	168	3056872	46.270	ng	98
56) 4-Nitrophenol	14.651	139	1055783	128.171	ng	88
57) 2,4-Dinitrotoluene	14.792	165	784641	61.318	ng	92
58) Fluorene	15.474	166	2642671	49.129	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	749437	55.324	ng	98
60) Diethylphthalate	15.257	149	2469491	52.831	ng	98
61) 4-Chlorophenyl-phenyle...	15.474	204	1418419	48.290	ng	99
62) 4-Nitroaniline	15.492	138	581201	51.336	ng	93
63) Azobenzene	15.762	77	2335486	52.309	ng	96
65) 4,6-Dinitro-2-methylph...	15.557	198	455938	53.480	ng	96
66) n-Nitrosodiphenylamine	15.686	169	2244807	48.733	ng	98
67) 4-Bromophenyl-phenylether	16.362	248	844608	48.117	ng	99
68) Hexachlorobenzene	16.480	284	970673	49.175	ng	98
69) Atrazine	16.639	200	851571	83.886	ng	99
70) Pentachlorophenol	16.827	266	1457616	117.507	ng	98
71) Phenanthrene	17.215	178	4183901	49.560	ng	99
72) Anthracene	17.304	178	4274084	52.278	ng	100
73) Carbazole	17.574	167	3957574	53.450	ng	99
74) Di-n-butylphthalate	18.139	149	4631002	57.065	ng	99
75) Fluoranthene	19.227	202	5152388	53.012	ng	99
77) Benzidine	19.409	184	2829956	149.444	ng	100
78) Pyrene	19.592	202	5374031	48.800	ng	100
80) Butylbenzylphthalate	20.492	149	2099221	61.425	ng	95
81) Benzo(a)anthracene	21.392	228	5306532	50.404	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	1237963	36.117	ng	99
83) Chrysene	21.450	228	4852225	48.620	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	3158643	59.305	ng	97
85) Di-n-octyl phthalate	22.450	149	5203980	62.864	ng	97
87) Indeno(1,2,3-cd)pyrene	27.797	276	5879076	52.740	ng	100
88) Benzo(b)fluoranthene	23.462	252	4870557	46.691	ng	100
89) Benzo(k)fluoranthene	23.527	252	4942475	48.151	ng	99
90) Benzo(a)pyrene	24.268	252	4630511	52.847	ng	99
91) Dibenzo(a,h)anthracene	27.856	278	4835039	52.060	ng	100
92) Benzo(g,h,i)perylene	28.862	276	4636283	49.559	ng	99

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

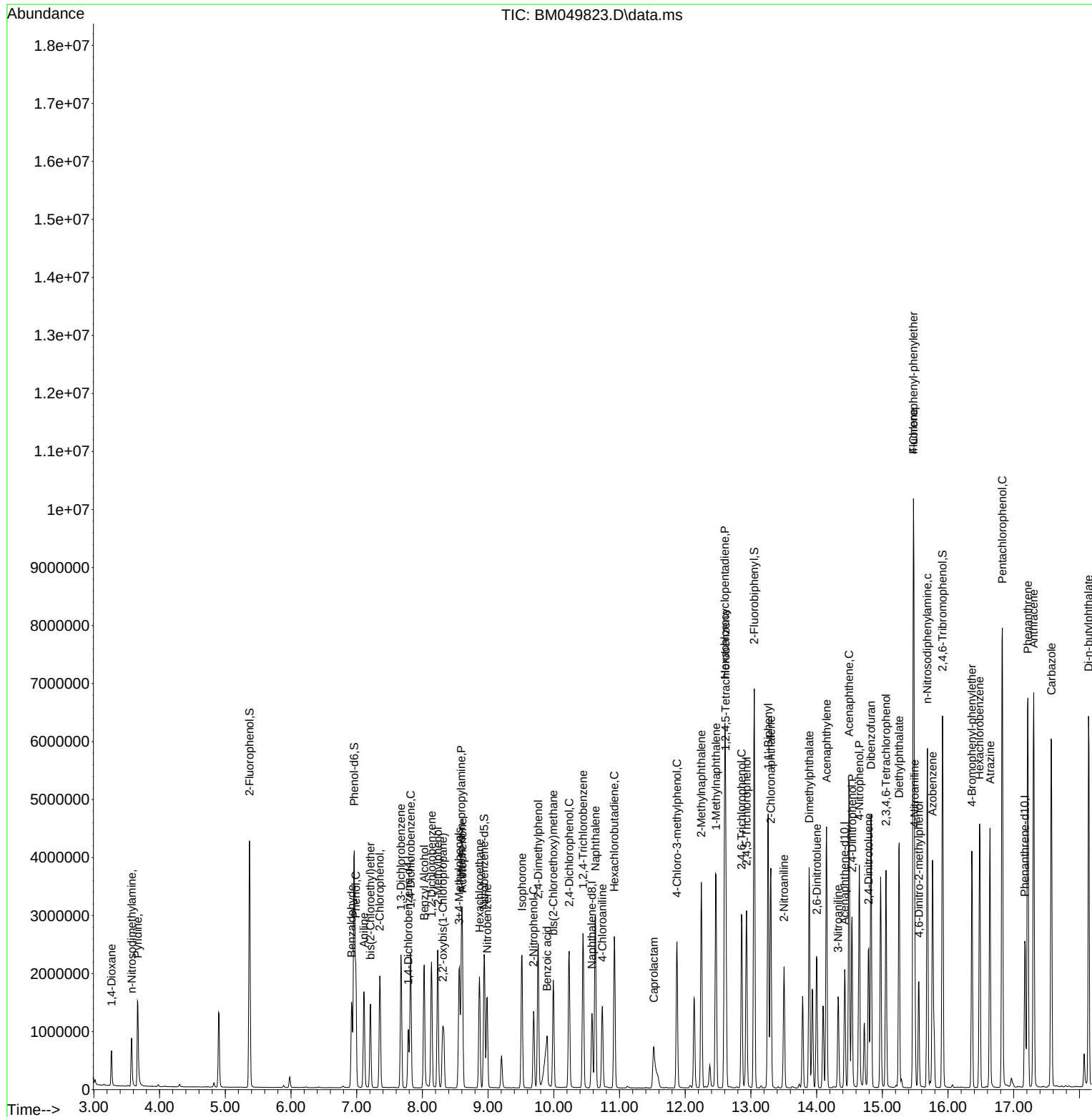
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049823.D
Acq On : 04 Apr 2025 14:43
Operator : RC/JU
Sample : Q1694-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18MSD

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 15:18:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration



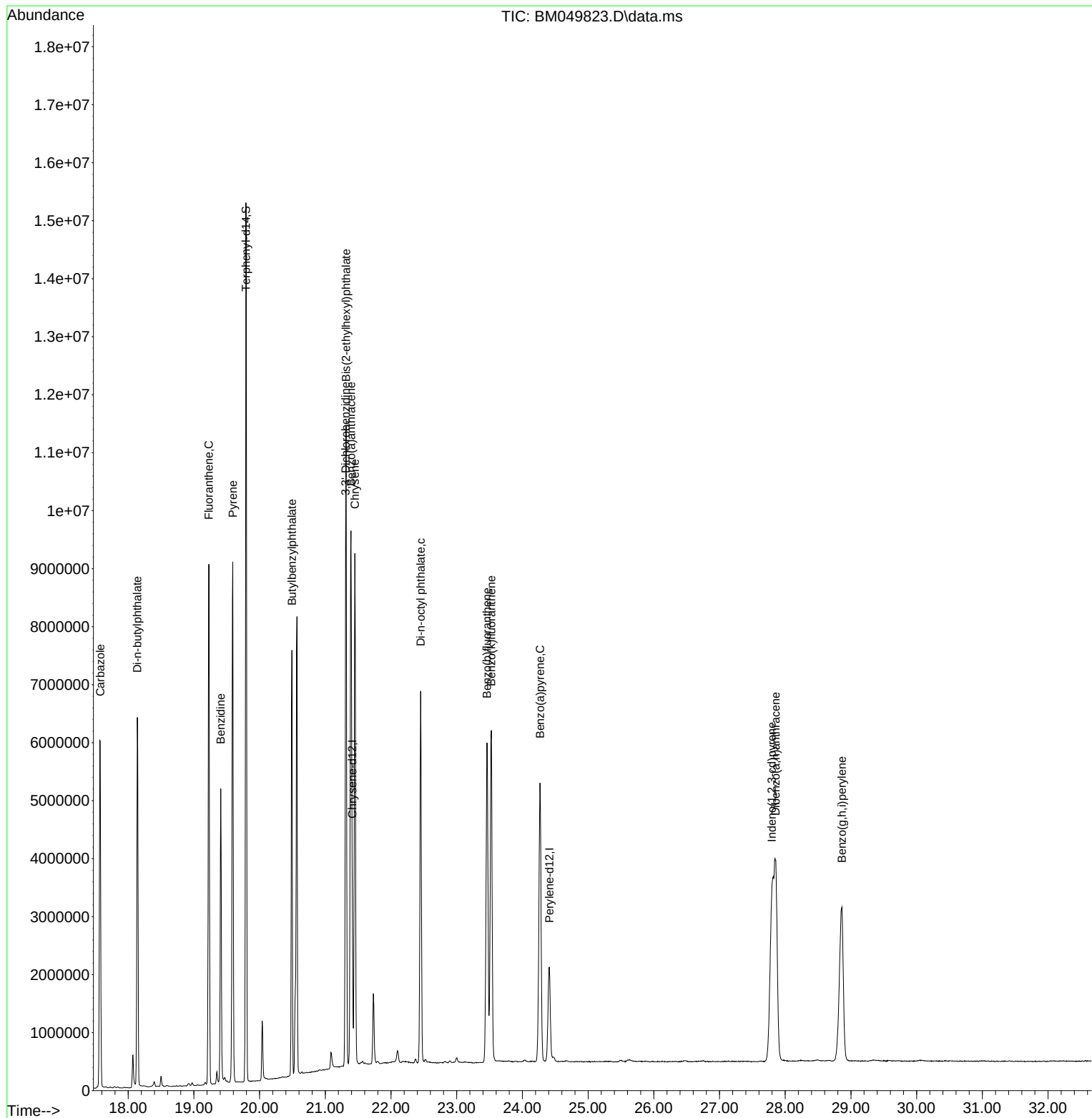
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049823.D
Acq On : 04 Apr 2025 14:43
Operator : RC/JU
Sample : Q1694-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

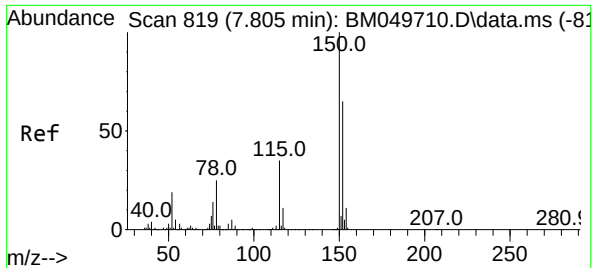
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

Manual Integrations
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Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

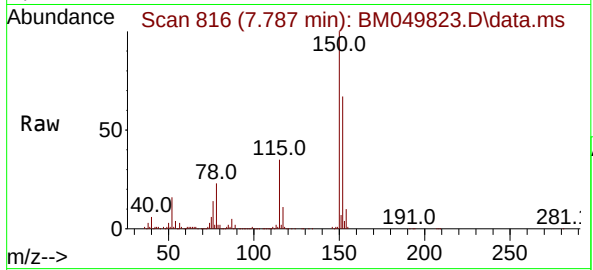
Quant Time: Apr 04 15:18:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

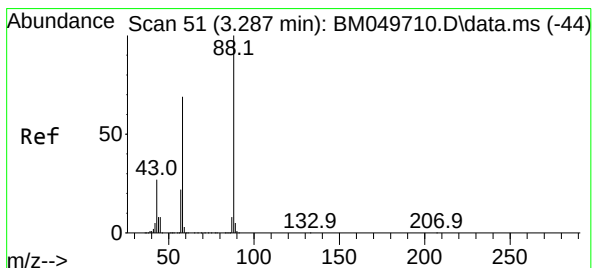
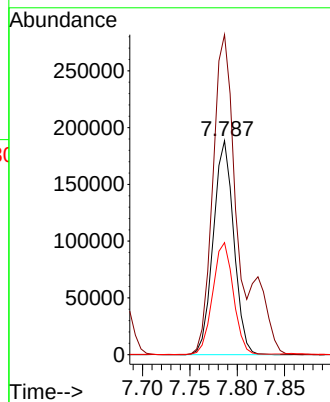
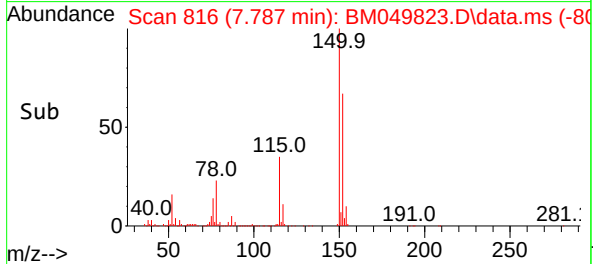
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:152 Resp: 28357
Ion Ratio Lower Upper
152 100
150 149.6 123.8 185.8
115 52.4 43.0 64.6

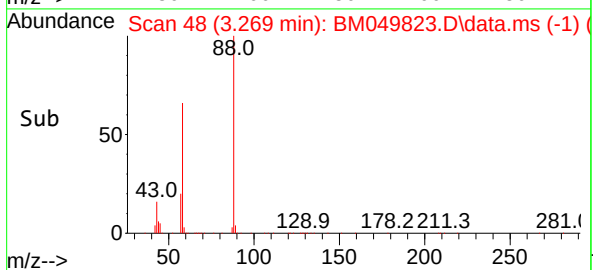
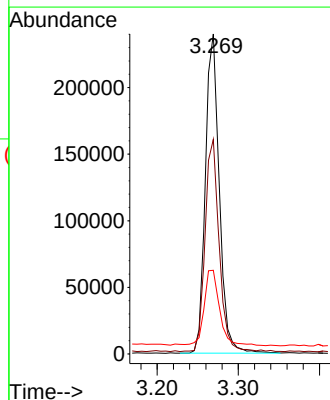
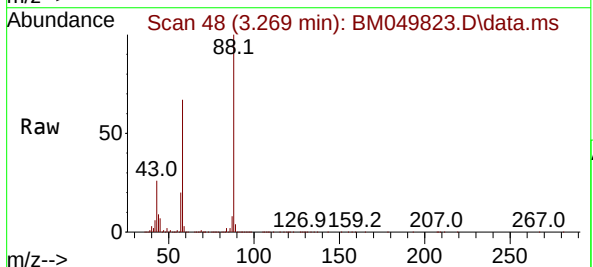
Manual Integrations
APPROVED

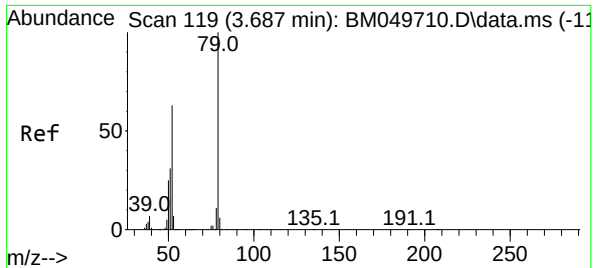
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#2
1,4-Dioxane
Concen: 39.165 ng
RT: 3.269 min Scan# 48
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

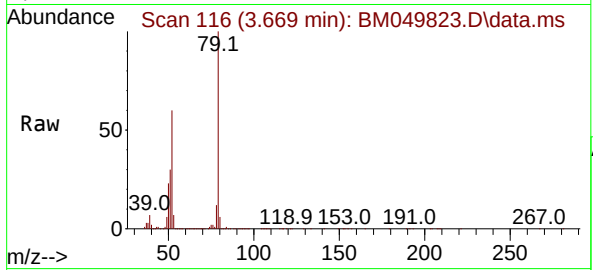
Tgt Ion: 88 Resp: 284937
Ion Ratio Lower Upper
88 100
58 67.4 56.7 85.1
43 26.5 22.6 34.0





#3
Pyridine
Concen: 42.847 ng
RT: 3.669 min Scan# 119
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

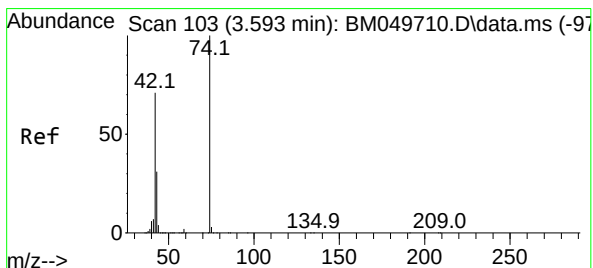
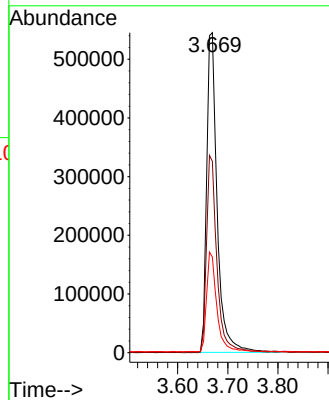
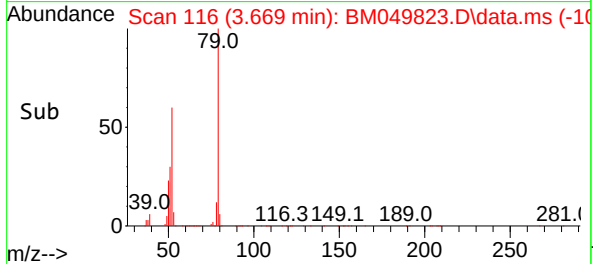
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



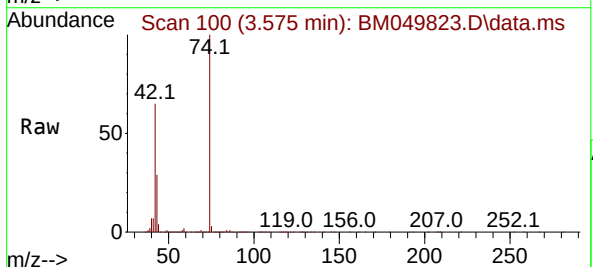
Tgt Ion: 79 Resp: 796109
Ion Ratio Lower Upper
79 100
52 59.8 50.1 75.1
51 29.9 25.2 37.8

Manual Integrations
APPROVED

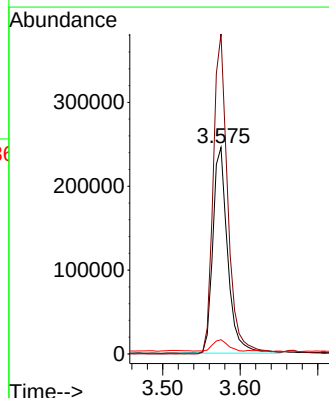
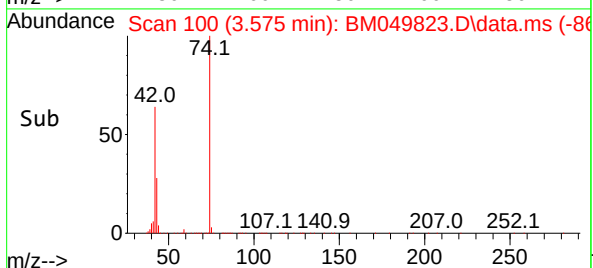
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

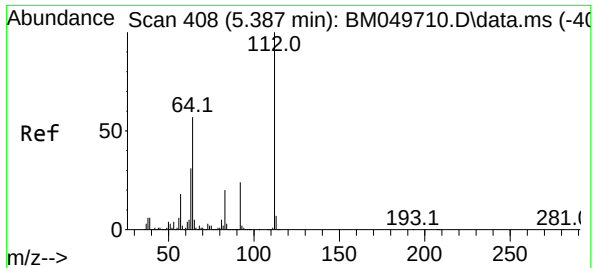


#4
n-Nitrosodimethylamine
Concen: 39.549 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



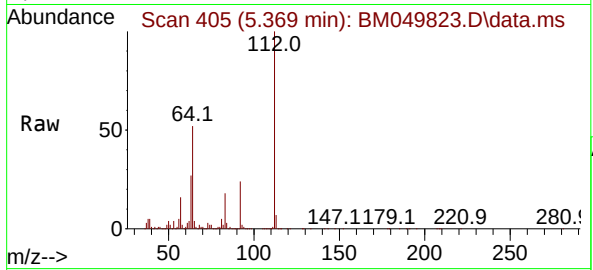
Tgt Ion: 42 Resp: 325138
Ion Ratio Lower Upper
42 100
74 154.9 112.6 168.8
44 6.9 5.0 7.6





#5
2-Fluorophenol
Concen: 108.540 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

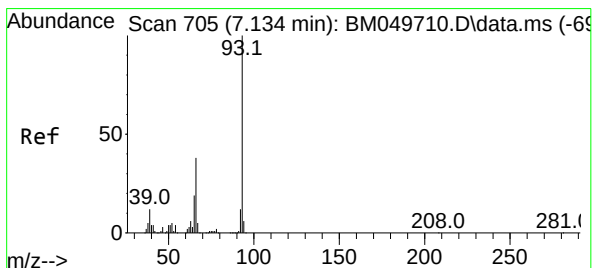
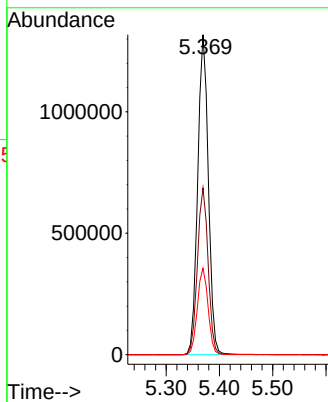
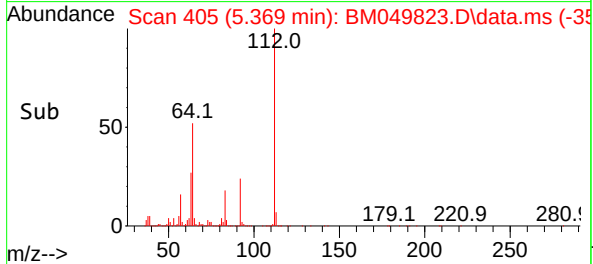
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion: 112 Resp: 182412
Ion Ratio Lower Upper
112 100
64 52.1 45.3 67.9
63 27.0 24.4 36.6

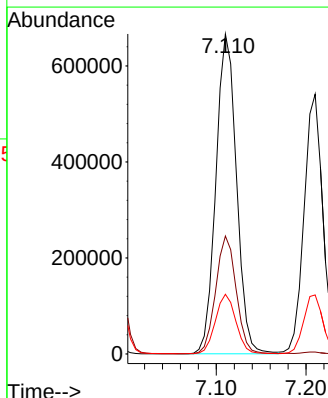
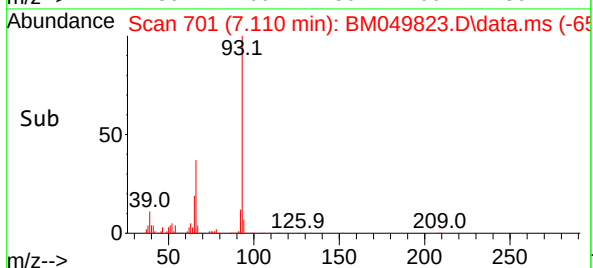
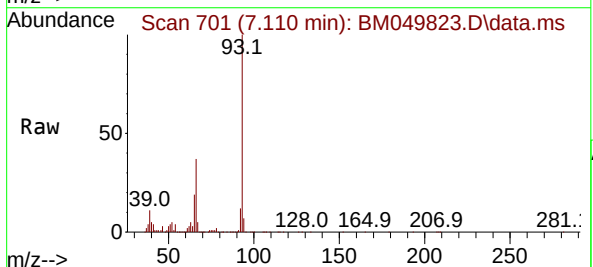
Manual Integrations
APPROVED

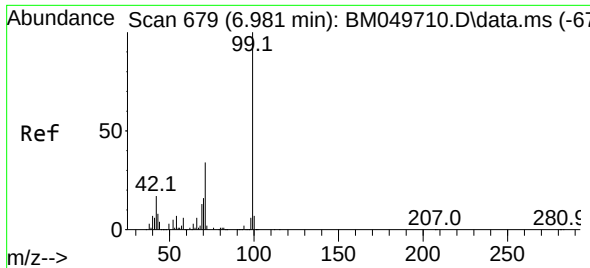
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#6
Aniline
Concen: 60.132 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

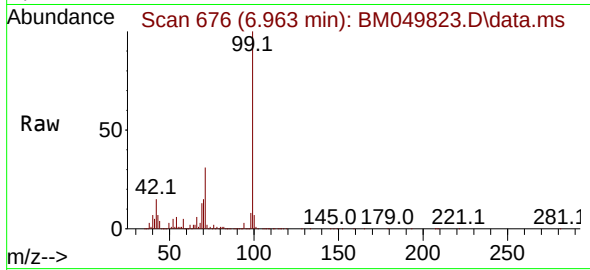
Tgt Ion: 93 Resp: 1062499
Ion Ratio Lower Upper
93 100
66 36.9 30.6 46.0
65 18.6 15.4 23.2





#7
Phenol-d6
Concen: 112.721 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

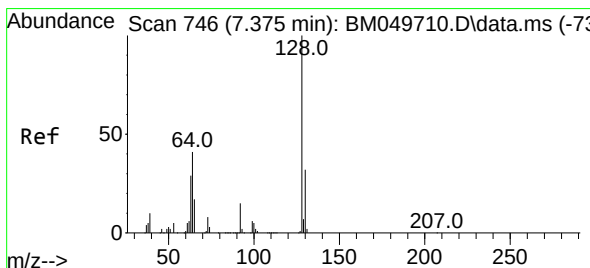
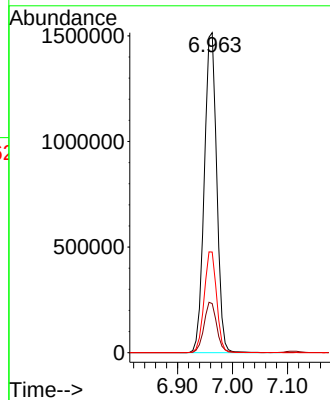
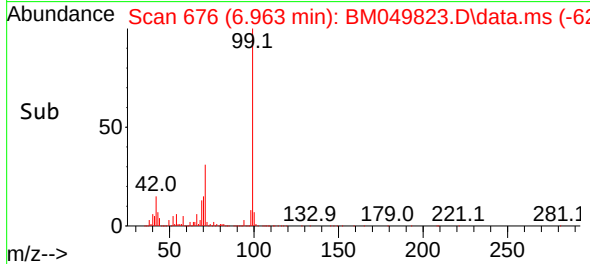
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion: 99 Resp: 237736
Ion Ratio Lower Upper
99 100
42 15.3 13.6 20.4
71 31.4 27.0 40.6

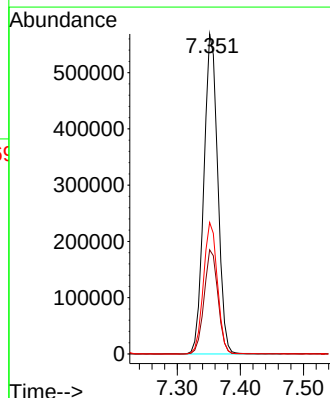
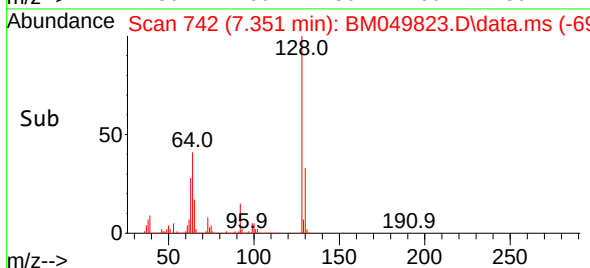
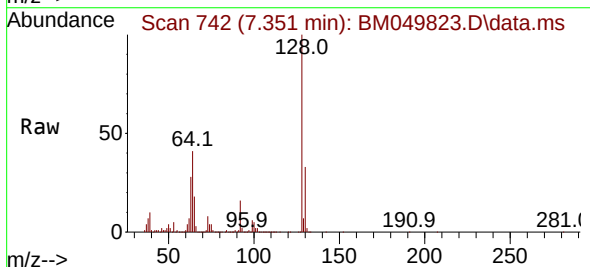
Manual Integrations
APPROVED

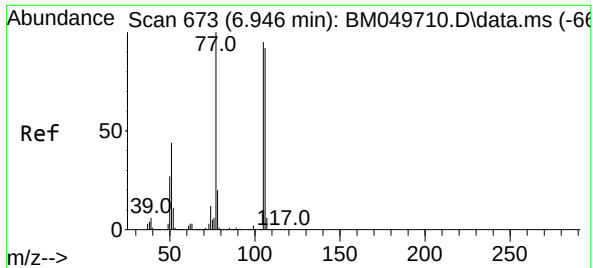
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#8
2-Chlorophenol
Concen: 52.128 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Tgt Ion:128 Resp: 867557
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 41.1 24.9 64.9





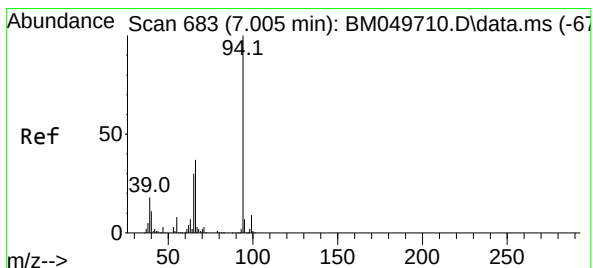
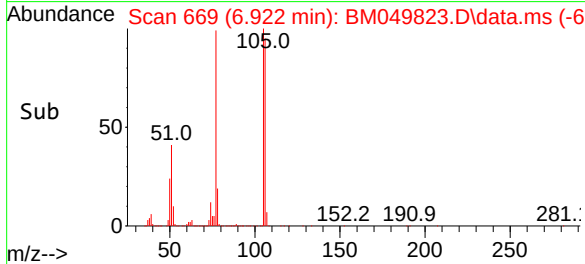
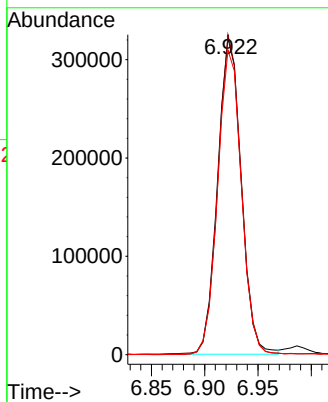
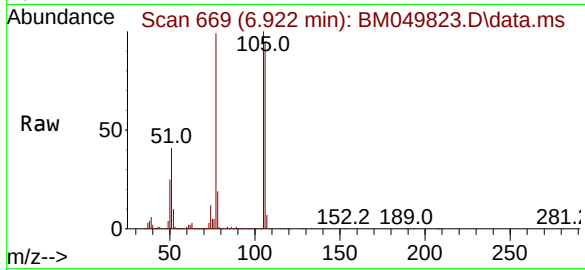
#9
Benzaldehyde
Concen: 47.420 ng
RT: 6.922 min Scan# 609
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Instrument :
BNA_M
ClientSampleId :
TP-18MSD

Tgt Ion: 77 Resp: 494417
Ion Ratio Lower Upper
77 100
105 101.1 75.0 115.0
106 96.2 72.3 112.3

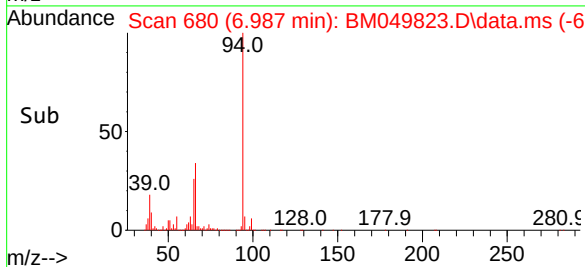
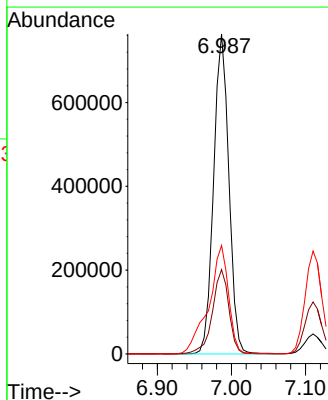
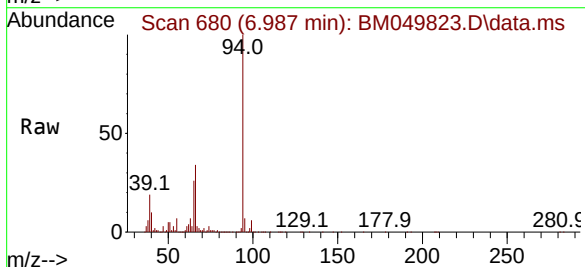
Manual Integrations
APPROVED

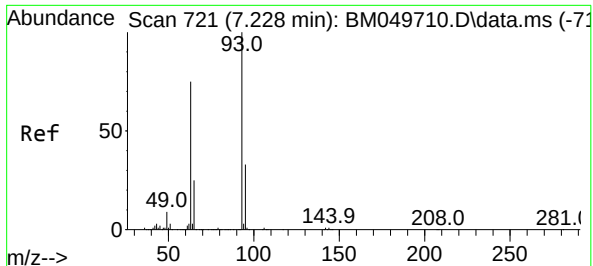
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#10
Phenol
Concen: 53.357 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

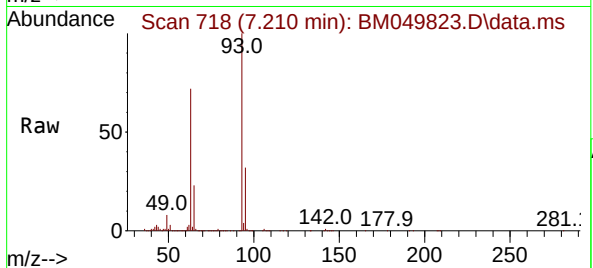
Tgt Ion: 94 Resp: 1091167
Ion Ratio Lower Upper
94 100
65 26.4 10.4 50.4
66 33.9 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 47.431 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

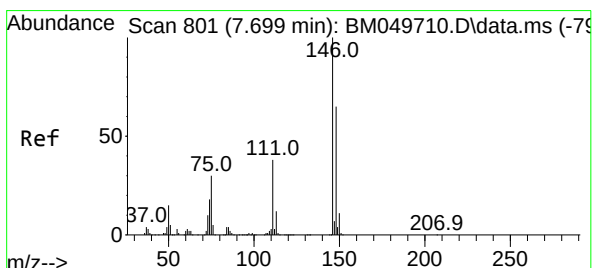
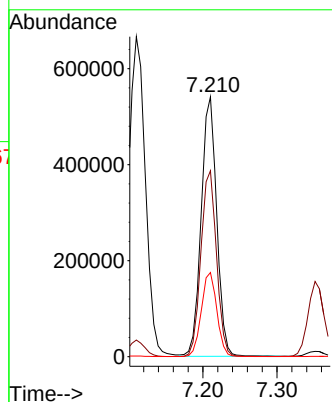
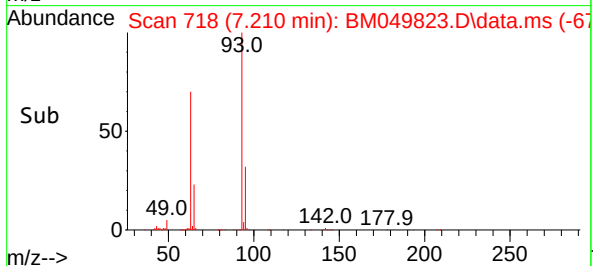
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion: 93 Resp: 78547
Ion Ratio Lower Upper
93 100
63 71.5 54.8 94.8
95 32.4 12.8 52.8

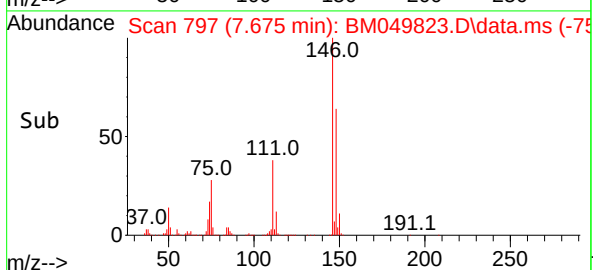
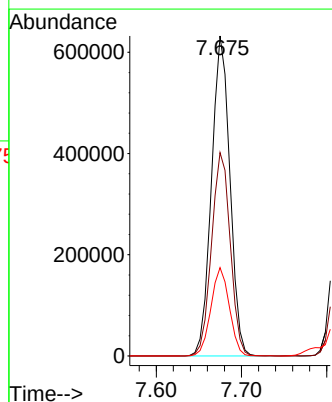
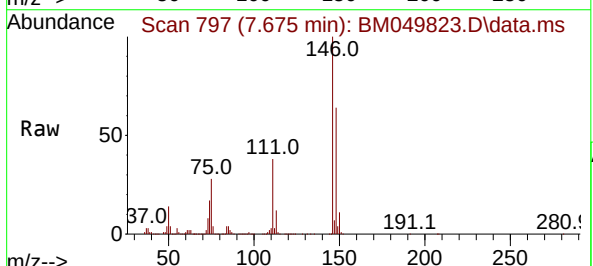
Manual Integrations
APPROVED

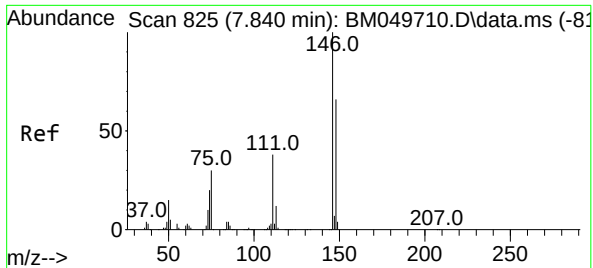
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#12
1,3-Dichlorobenzene
Concen: 46.897 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

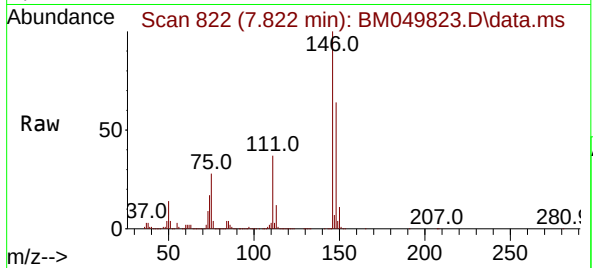
Tgt Ion:146 Resp: 948506
Ion Ratio Lower Upper
146 100
148 63.6 52.3 78.5
75 27.6 24.2 36.2





#13
1,4-Dichlorobenzene
Concen: 47.026 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

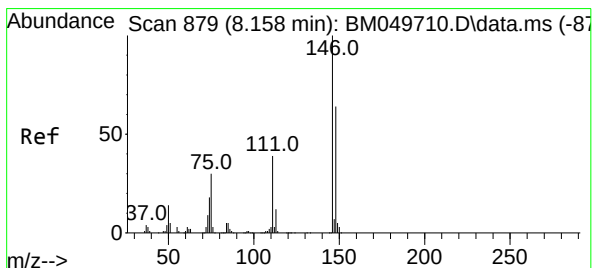
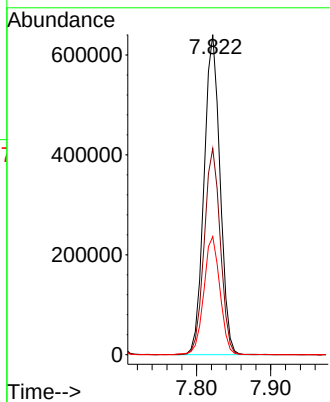
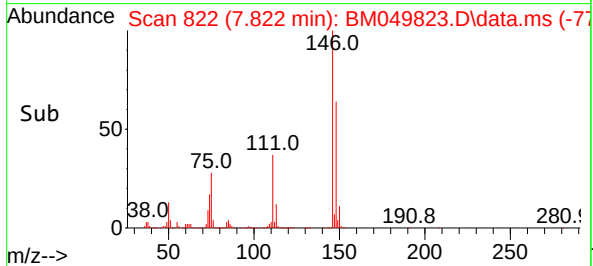
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:146 Resp: 95951
Ion Ratio Lower Upper
146 100
148 64.4 52.6 79.0
111 36.9 30.8 46.2

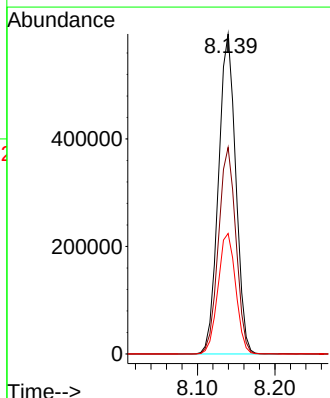
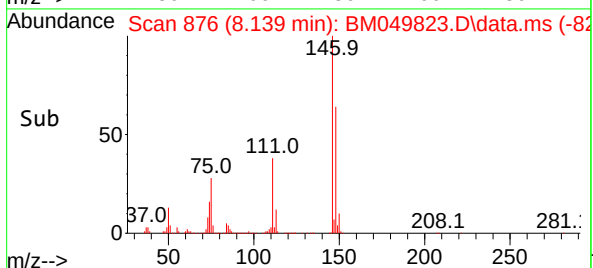
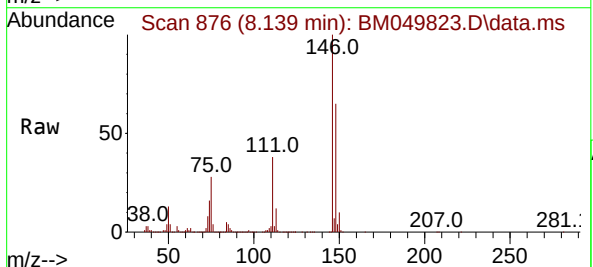
Manual Integrations
APPROVED

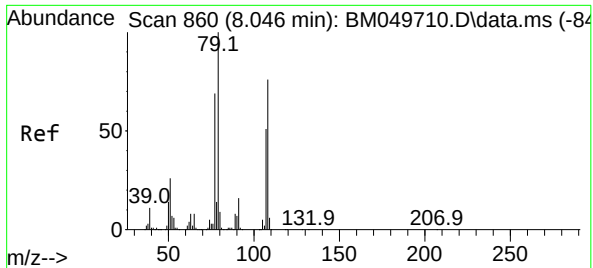
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#14
1,2-Dichlorobenzene
Concen: 47.647 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

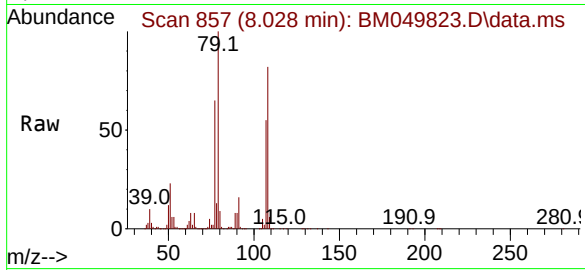
Tgt Ion:146 Resp: 923944
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
111 37.7 31.0 46.6





#15
Benzyl Alcohol
Concen: 54.001 ng
RT: 8.028 min Scan# 801
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

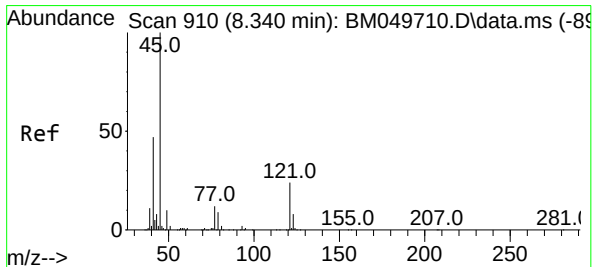
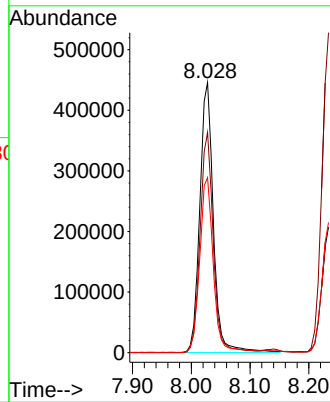
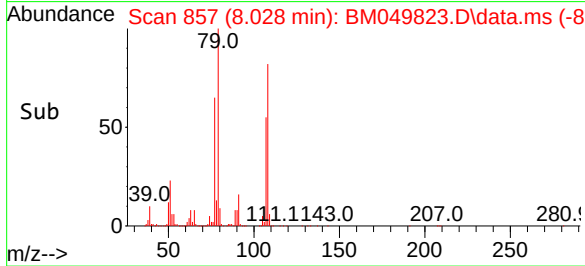
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion: 79 Resp: 71472
Ion Ratio Lower Upper
79 100
108 81.5 60.7 91.1
77 64.8 55.4 83.2

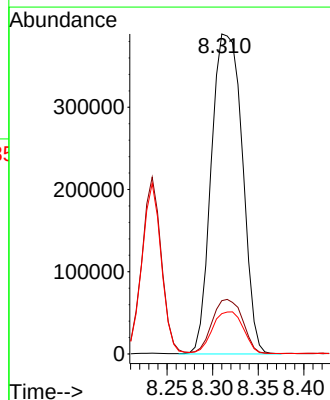
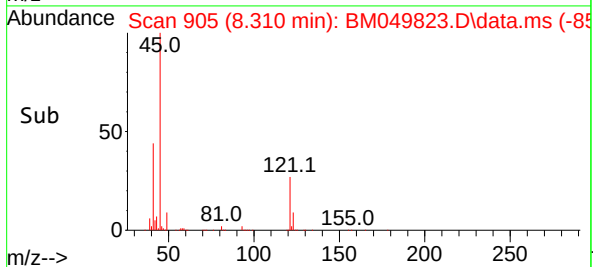
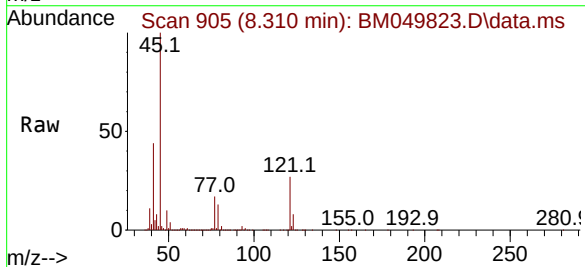
Manual Integrations
APPROVED

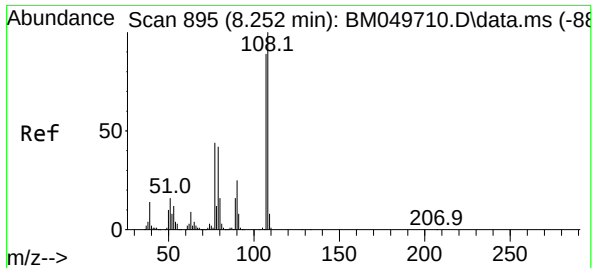
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.114 ng m
RT: 8.310 min Scan# 905
Delta R.T. -0.030 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

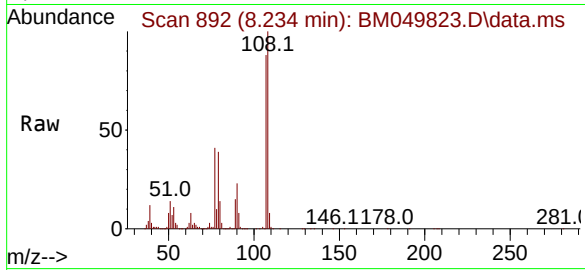
Tgt Ion: 45 Resp: 917027
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.1
79 12.6 0.0 32.8





#17
2-Methylphenol
Concen: 57.029 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

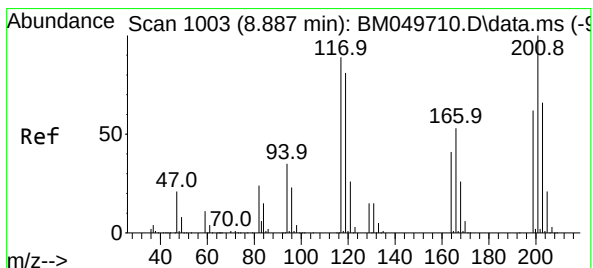
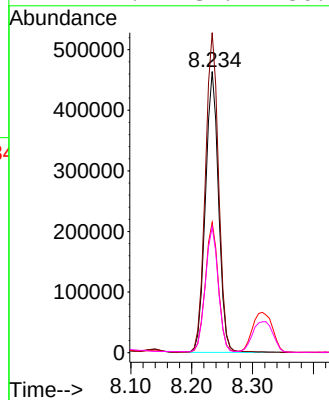
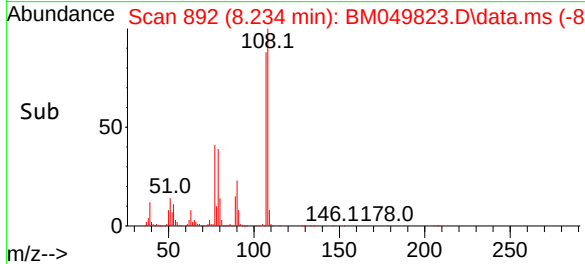
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:107 Resp: 692412
Ion Ratio Lower Upper
107 100
108 113.8 89.6 134.4
77 46.3 39.8 59.6
79 44.7 37.4 56.2

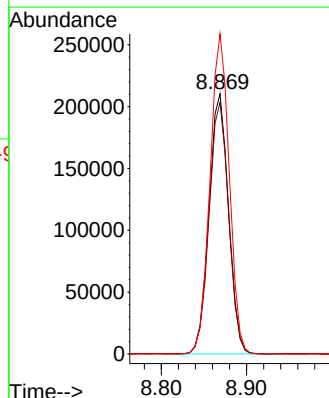
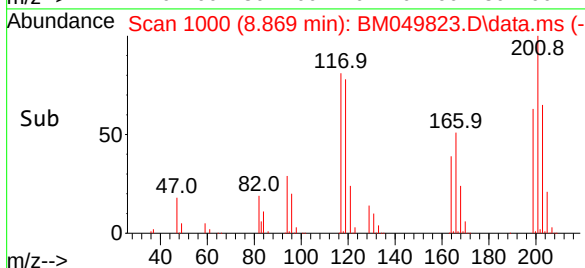
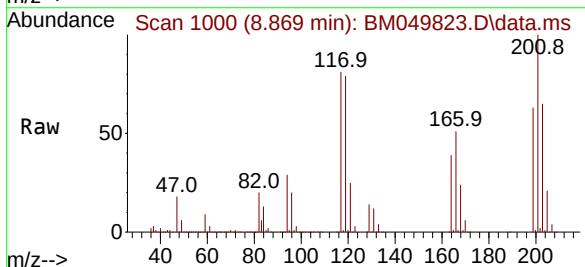
Manual Integrations
APPROVED

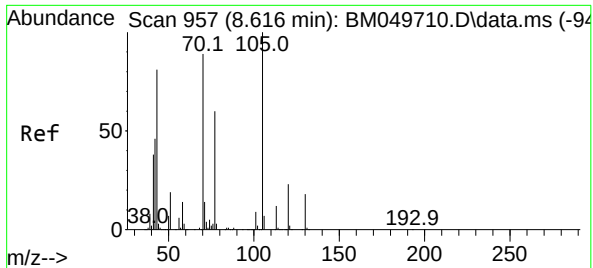
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#18
Hexachloroethane
Concen: 46.408 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

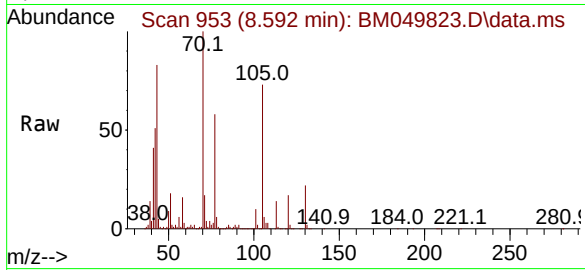
Tgt Ion:117 Resp: 334390
Ion Ratio Lower Upper
117 100
119 96.7 73.1 109.7
201 123.0 90.0 135.0





#19
n-Nitroso-di-n-propylamine
Concen: 50.036 ng
RT: 8.592 min Scan# 911
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

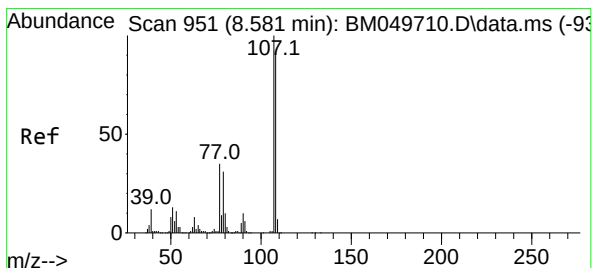
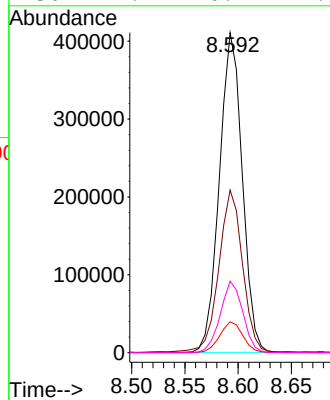
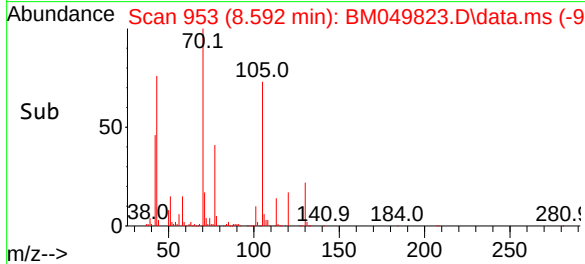
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion: 70 Resp: 61192
Ion Ratio Lower Upper
70 100
42 50.8 41.8 62.6
101 9.6 7.7 11.5
130 22.4 16.2 24.4

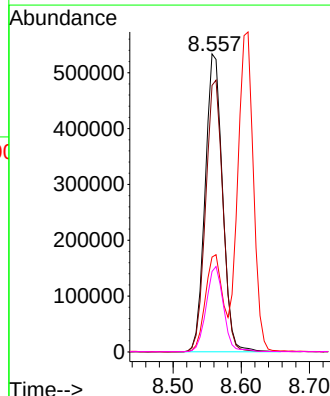
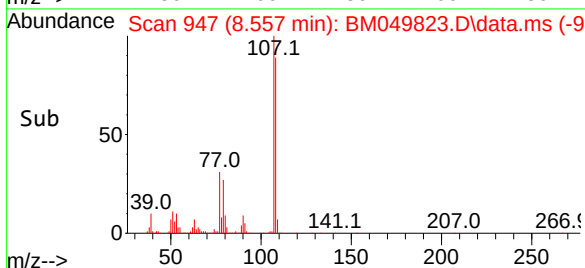
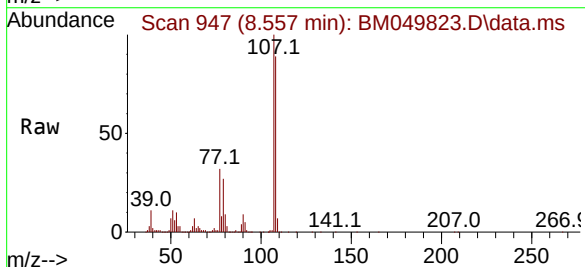
Manual Integrations
APPROVED

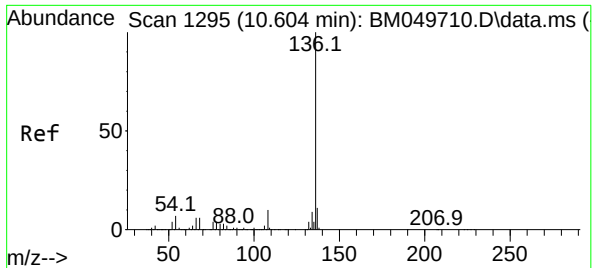
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#20
3+4-Methylphenols
Concen: 58.203 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

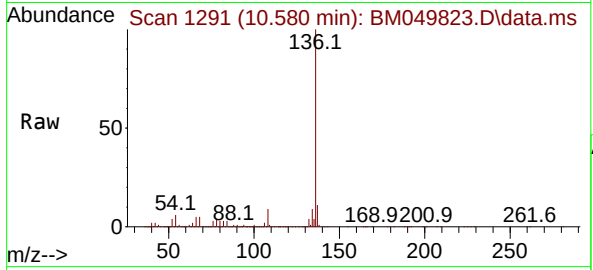
Tgt Ion:107 Resp: 947011
Ion Ratio Lower Upper
107 100
108 89.5 71.0 111.0
77 31.8 15.1 55.1
79 27.0 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

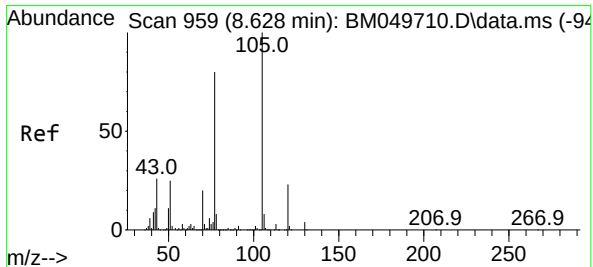
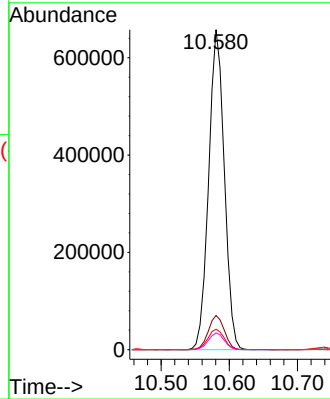
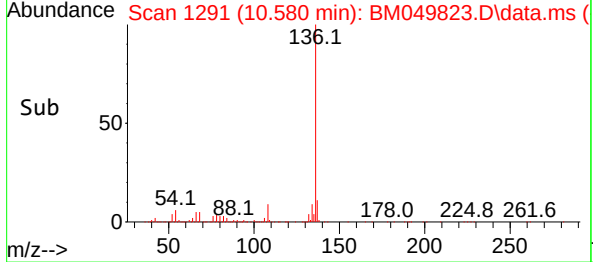
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:136 Resp: 1050554
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.4 5.8 8.8
68 5.3 4.5 6.7

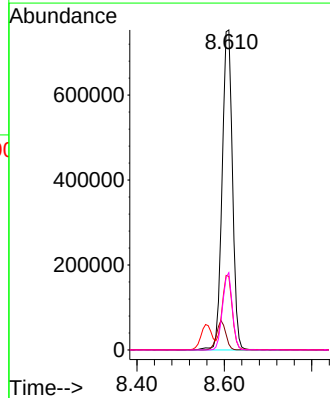
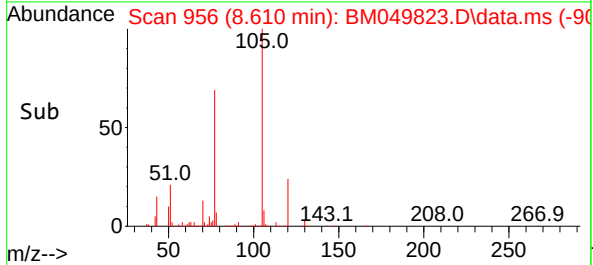
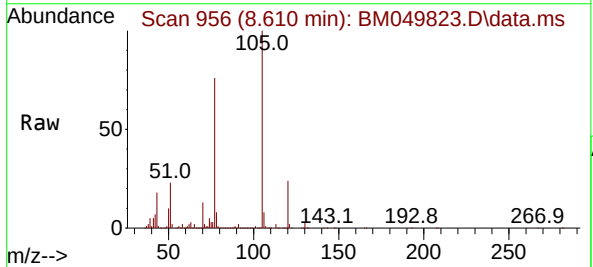
Manual Integrations
APPROVED

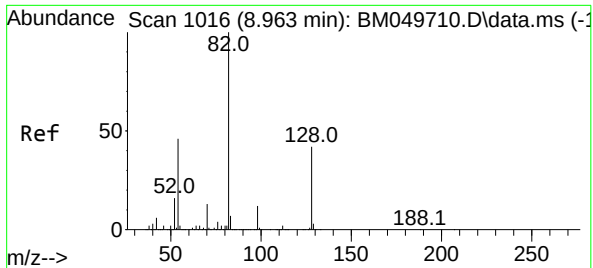
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#22
Acetophenone
Concen: 45.108 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

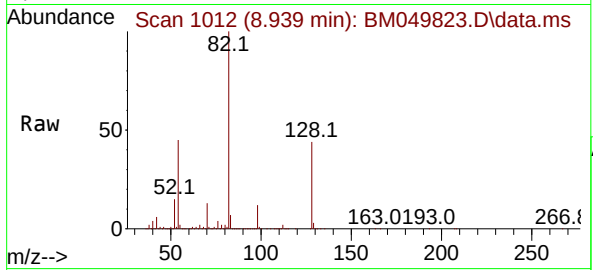
Tgt Ion:105 Resp: 1221869
Ion Ratio Lower Upper
105 100
71 1.8 2.5 3.7#
51 23.0 19.9 29.9
120 24.2 18.3 27.5





#23
Nitrobenzene-d5
Concen: 65.289 ng
RT: 8.939 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

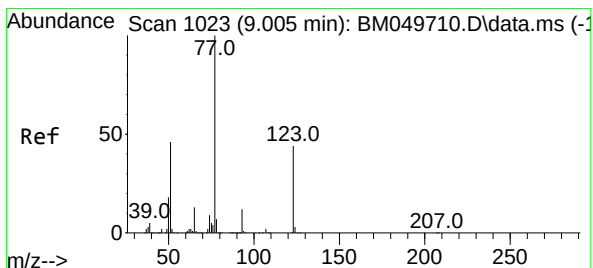
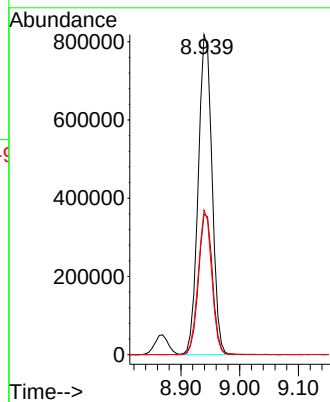
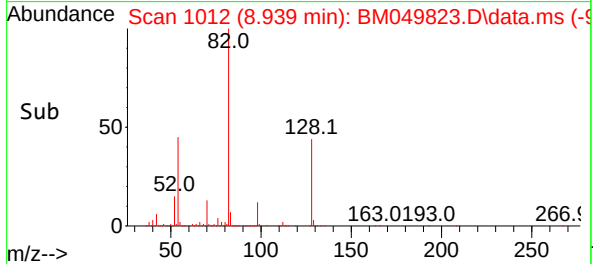
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion: 82 Resp: 1335950
Ion Ratio Lower Upper
82 100
128 43.9 33.4 50.0
54 45.1 36.4 54.6

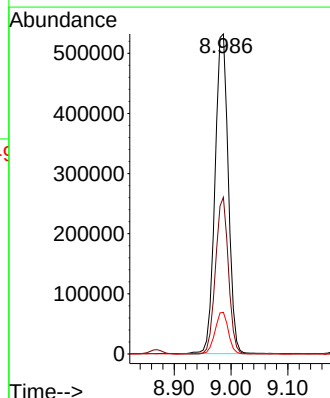
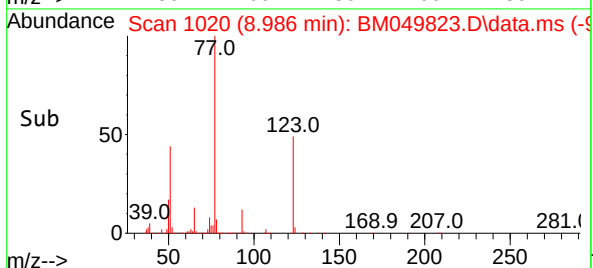
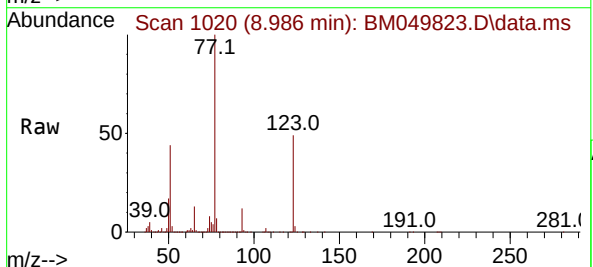
Manual Integrations
APPROVED

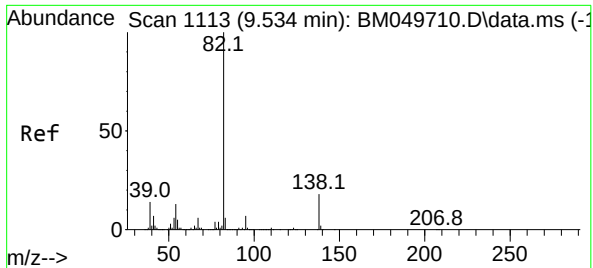
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#24
Nitrobenzene
Concen: 44.849 ng
RT: 8.986 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

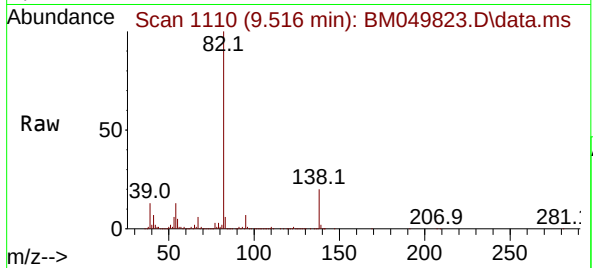
Tgt Ion: 77 Resp: 865318
Ion Ratio Lower Upper
77 100
123 49.0 34.9 52.3
65 13.0 10.6 15.8





#25
Isophorone
Concen: 53.241 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

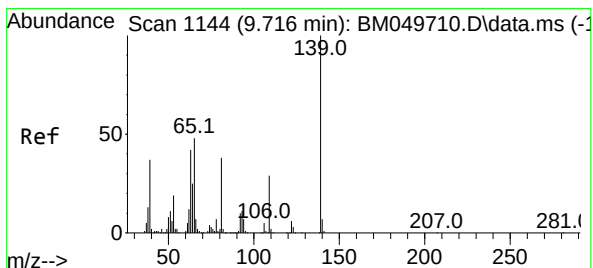
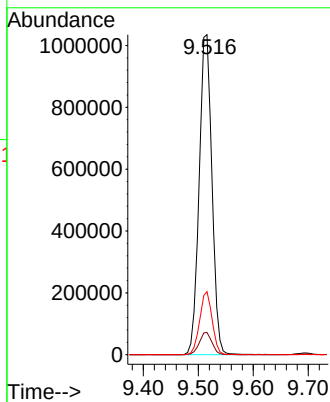
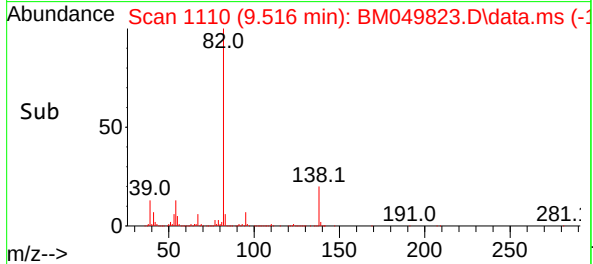
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion: 82 Resp: 1672660
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 19.7 14.4 21.6

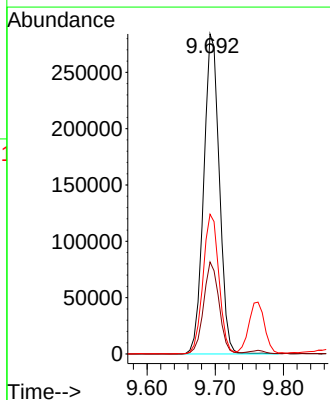
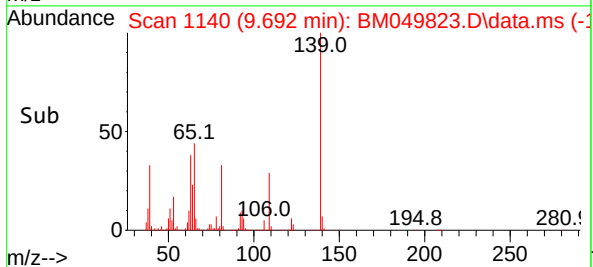
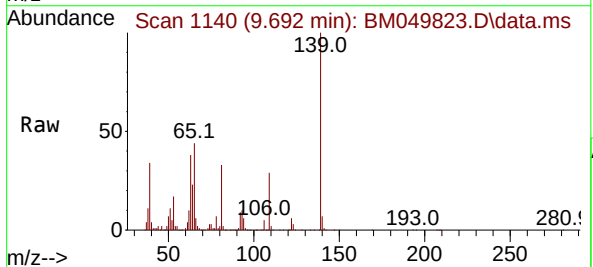
Manual Integrations
APPROVED

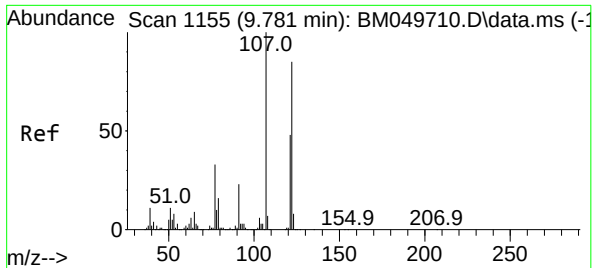
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#26
2-Nitrophenol
Concen: 55.187 ng
RT: 9.692 min Scan# 1140
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

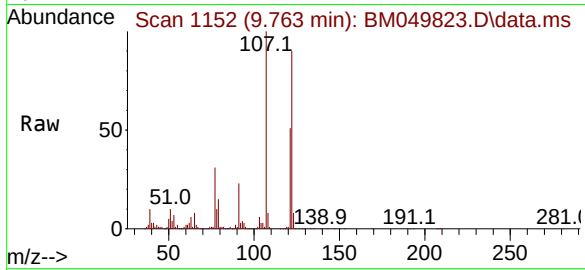
Tgt Ion:139 Resp: 453197
Ion Ratio Lower Upper
139 100
109 28.8 23.3 34.9
65 43.6 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 73.332 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

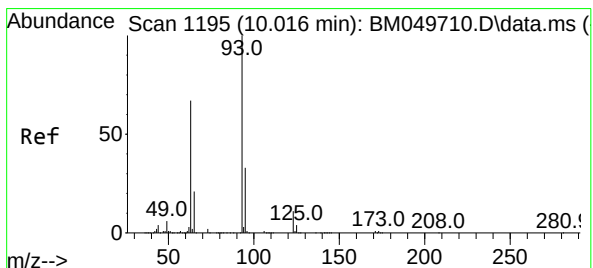
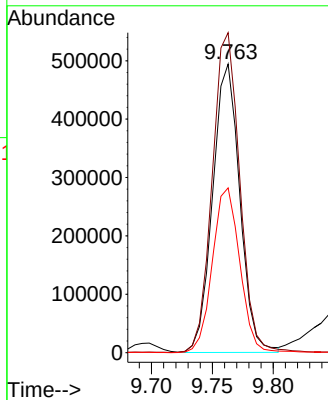
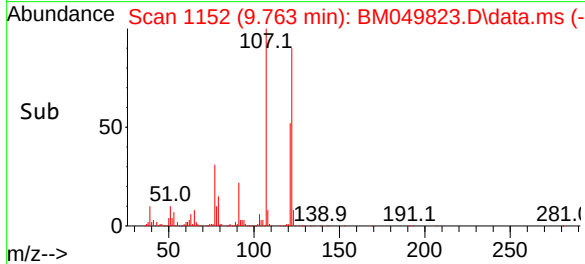
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



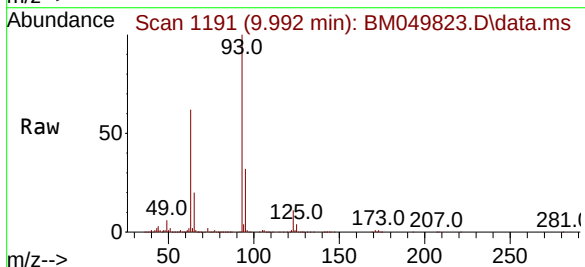
Tgt Ion:122 Resp: 766529
Ion Ratio Lower Upper
122 100
107 110.9 94.3 141.5
121 57.1 45.4 68.2

Manual Integrations
APPROVED

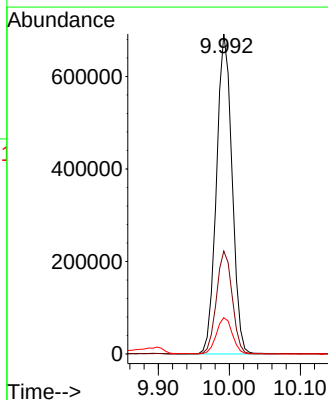
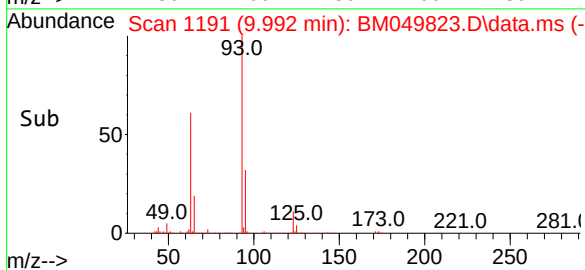
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

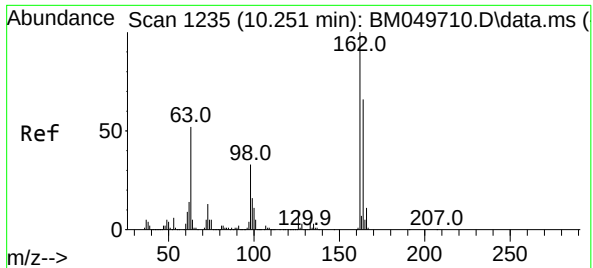


#28
bis(2-Chloroethoxy)methane
Concen: 47.428 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



Tgt Ion: 93 Resp: 1049451
Ion Ratio Lower Upper
93 100
95 32.1 26.6 40.0
123 11.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 52.571 ng

RT: 10.233 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

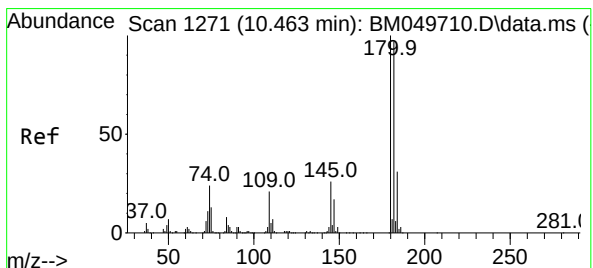
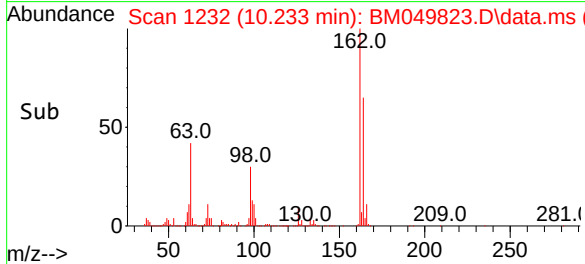
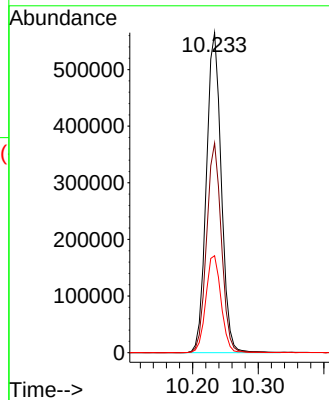
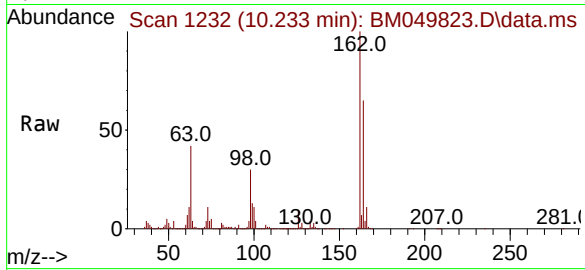
Tgt Ion:162 Resp: 89542

Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.3	86.3
98	30.3	12.8	52.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.725 ng

RT: 10.445 min Scan# 1268

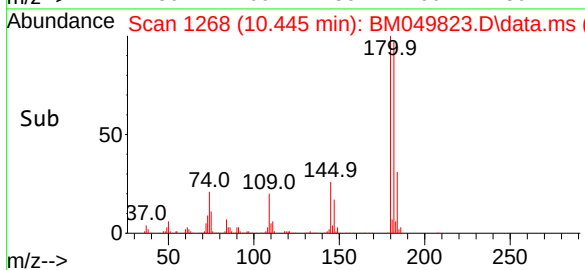
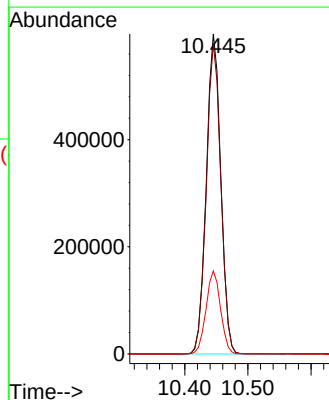
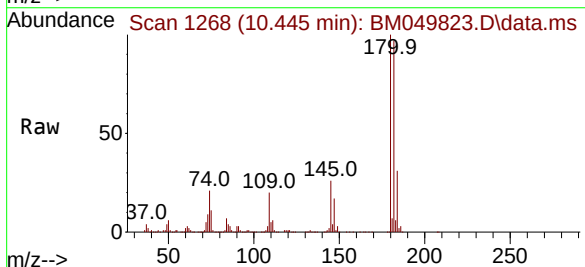
Delta R.T. -0.018 min

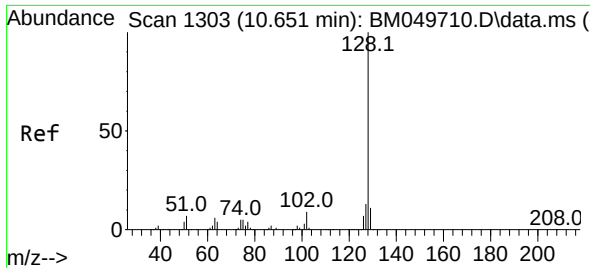
Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

Tgt Ion:180 Resp: 953114

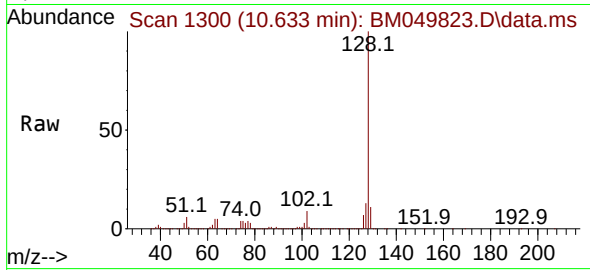
Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.7	116.5
145	26.0	21.0	31.4





#31
Naphthalene
Concen: 45.497 ng
RT: 10.633 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

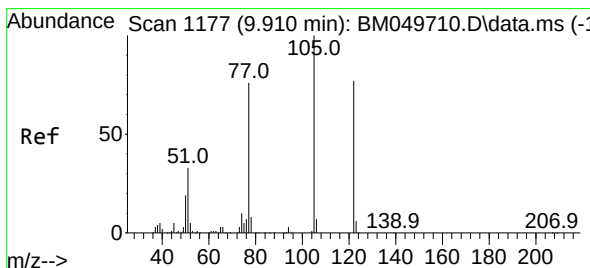
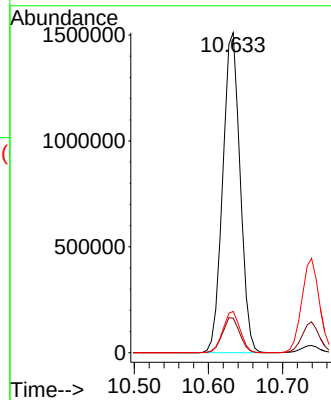
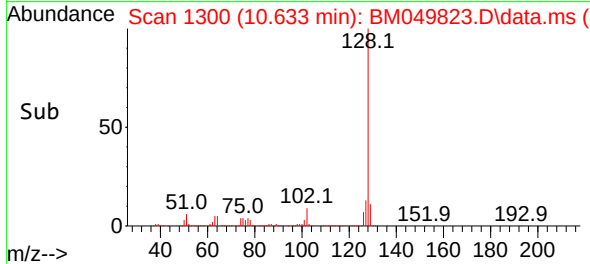
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:128 Resp: 2457744
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.9 10.4 15.6

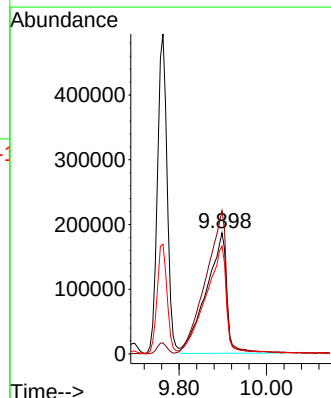
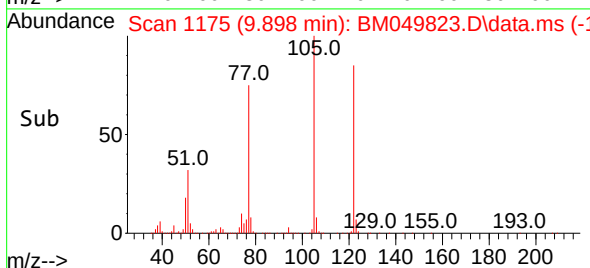
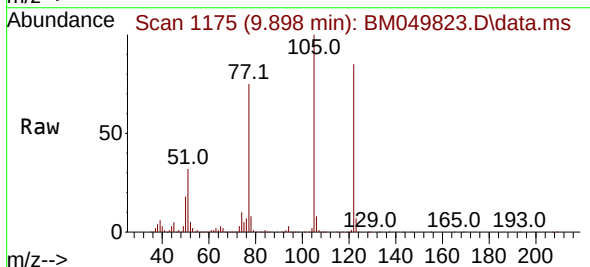
Manual Integrations
APPROVED

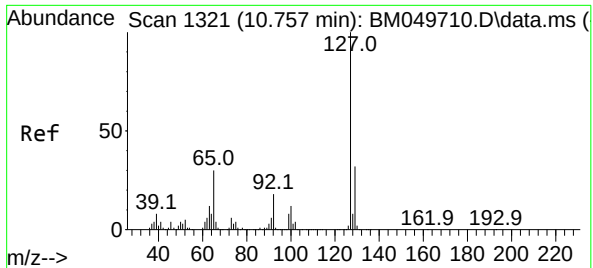
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#32
Benzoic acid
Concen: 67.927 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

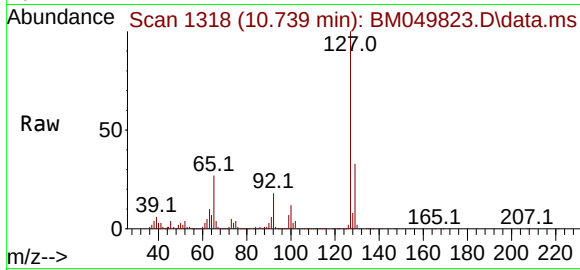
Tgt Ion:122 Resp: 603855
Ion Ratio Lower Upper
122 100
105 118.3 105.6 145.6
77 89.0 76.9 116.9





#33
4-Chloroaniline
Concen: 40.138 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

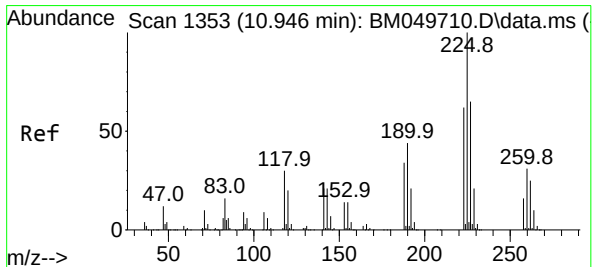
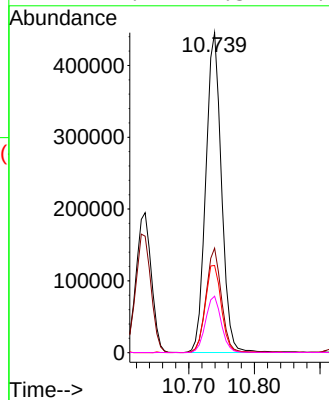
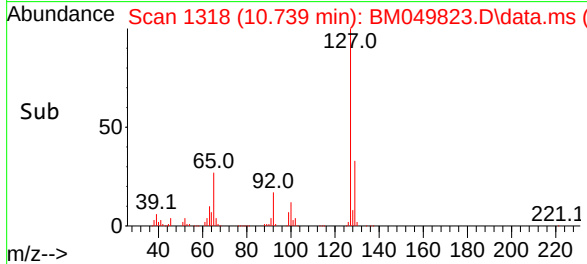
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:127 Resp: 73997
Ion Ratio Lower Upper
127 100
129 32.7 25.7 38.5
65 27.3 24.1 36.1
92 17.7 14.5 21.7

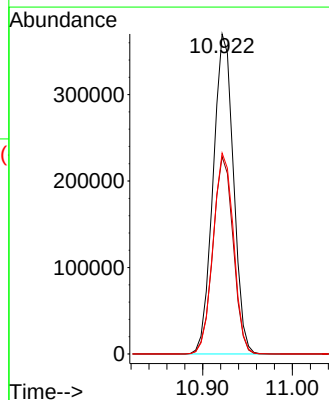
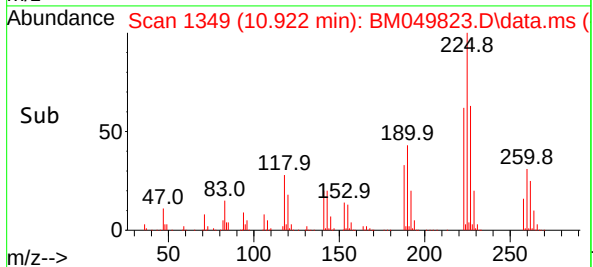
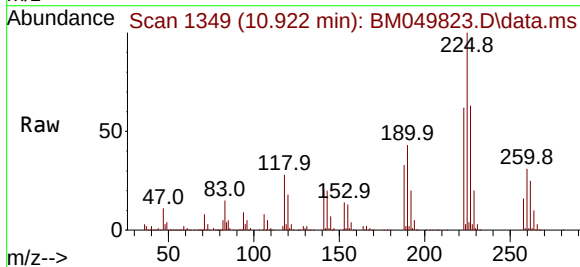
Manual Integrations
APPROVED

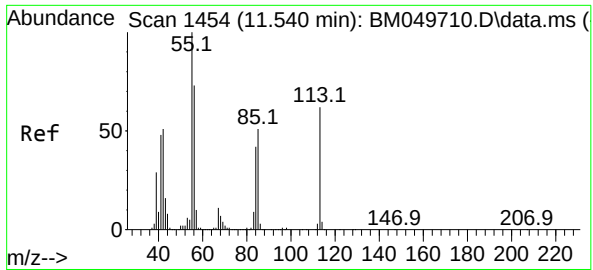
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#34
Hexachlorobutadiene
Concen: 44.292 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

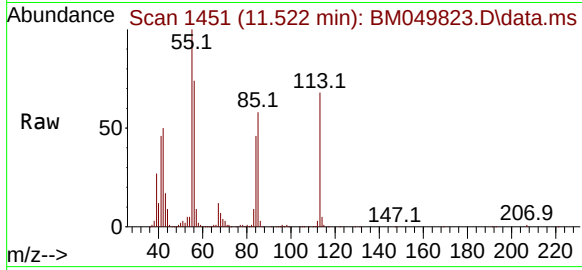
Tgt Ion:225 Resp: 582683
Ion Ratio Lower Upper
225 100
223 61.7 49.8 74.8
227 62.8 52.1 78.1





#35
Caprolactam
Concen: 68.542 ng
RT: 11.522 min Scan# 1451
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

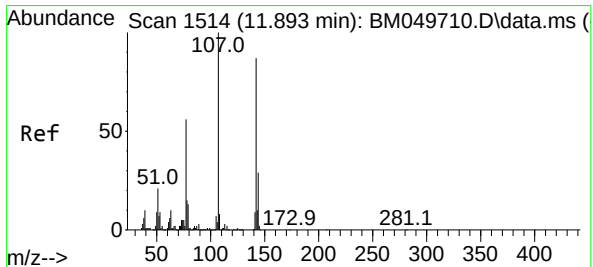
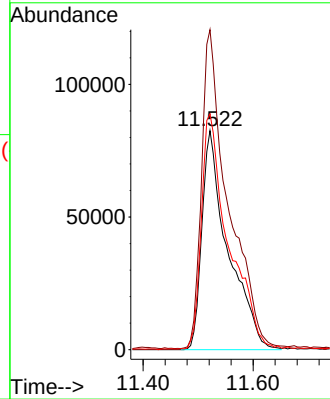
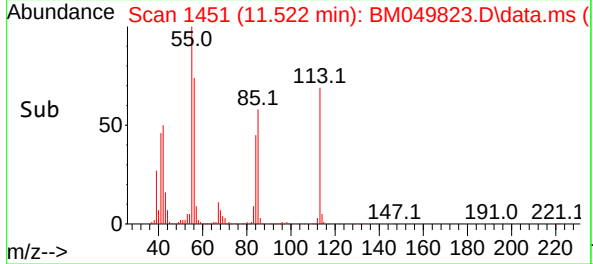
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



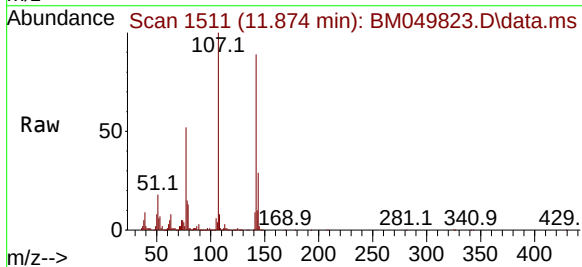
Tgt Ion:113 Resp: 271040
Ion Ratio Lower Upper
113 100
55 146.1 141.8 181.8
56 107.7 98.0 138.0

Manual Integrations
APPROVED

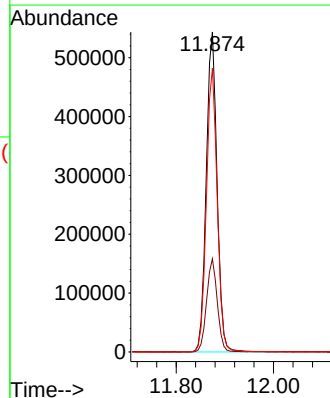
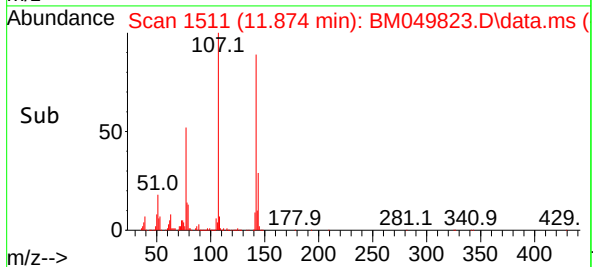
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

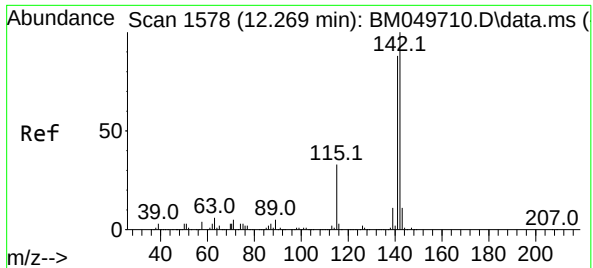


#36
4-Chloro-3-methylphenol
Concen: 57.279 ng
RT: 11.874 min Scan# 1511
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



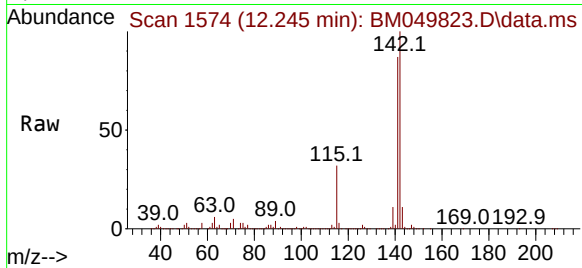
Tgt Ion:107 Resp: 837254
Ion Ratio Lower Upper
107 100
144 29.1 23.0 34.6
142 88.6 69.8 104.8





#37
2-Methylnaphthalene
Concen: 44.042 ng
RT: 12.245 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

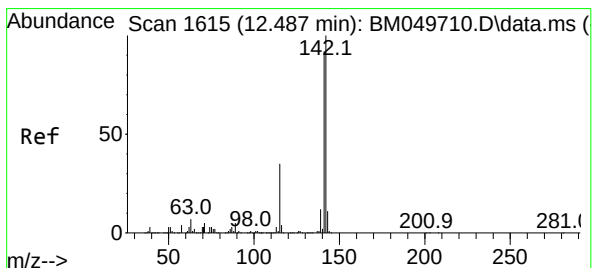
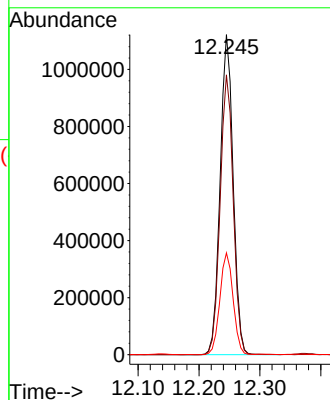
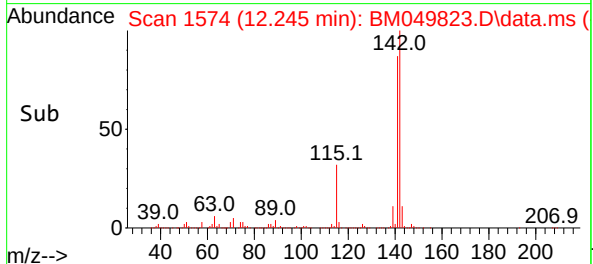
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:142 Resp: 166359
Ion Ratio Lower Upper
142 100
141 87.4 70.5 105.7
115 31.8 26.5 39.7

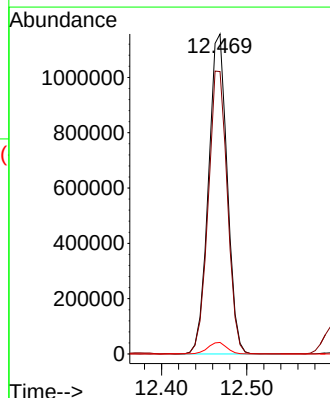
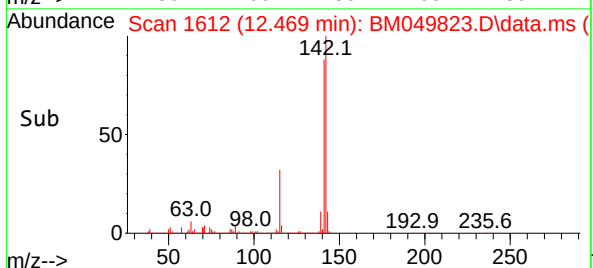
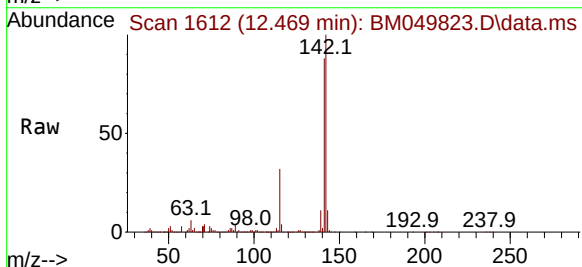
Manual Integrations
APPROVED

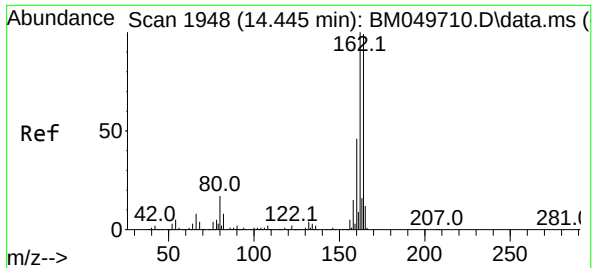
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#38
1-Methylnaphthalene
Concen: 48.449 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

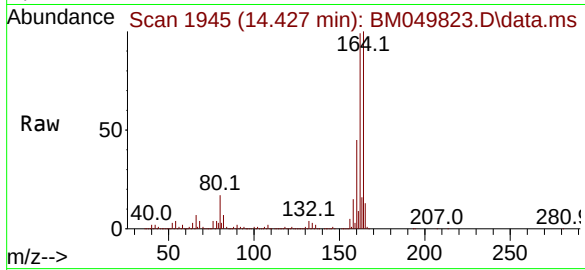
Tgt Ion:142 Resp: 1765673
Ion Ratio Lower Upper
142 100
141 88.3 73.4 110.2
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

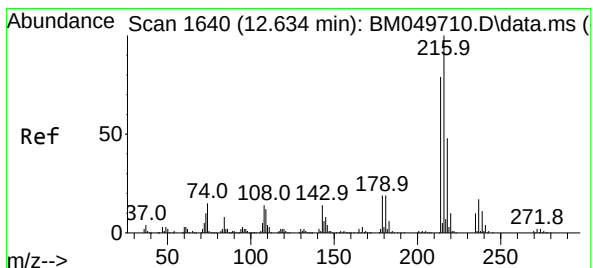
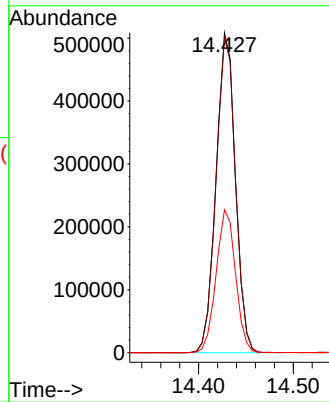
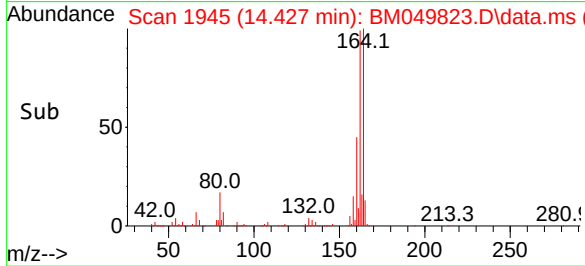
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:164 Resp: 720854
Ion Ratio Lower Upper
164 100
162 98.5 80.5 120.7
160 44.7 36.9 55.3

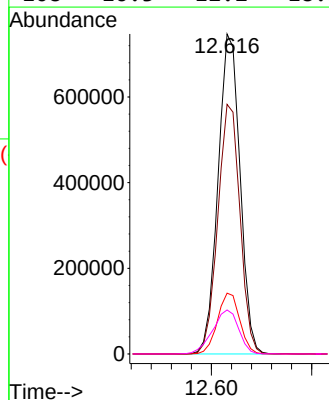
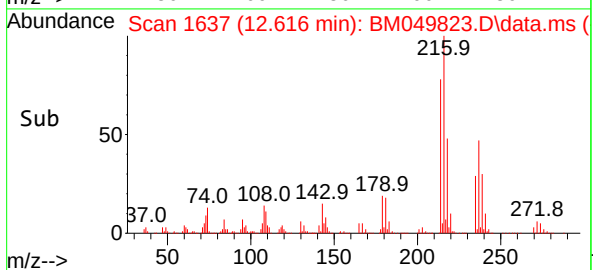
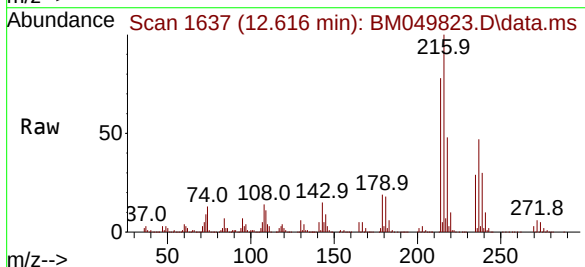
Manual Integrations
APPROVED

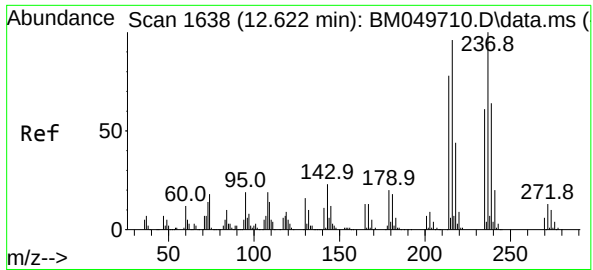
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.821 ng
RT: 12.616 min Scan# 1637
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

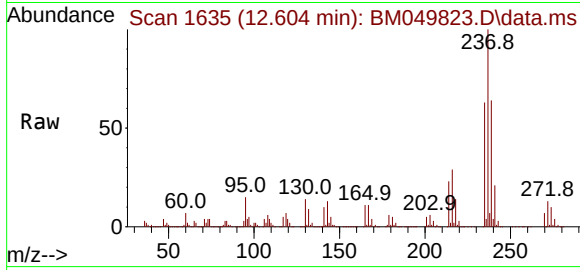
Tgt Ion:216 Resp: 1133822
Ion Ratio Lower Upper
216 100
214 78.5 63.5 95.3
179 19.3 15.7 23.5
108 16.3 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 147.410 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

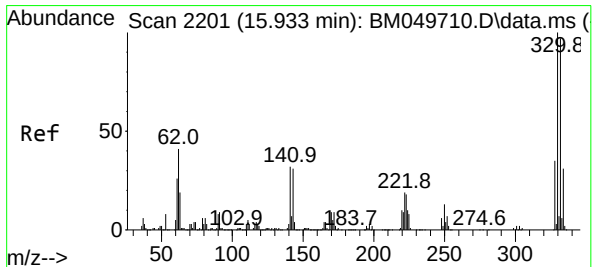
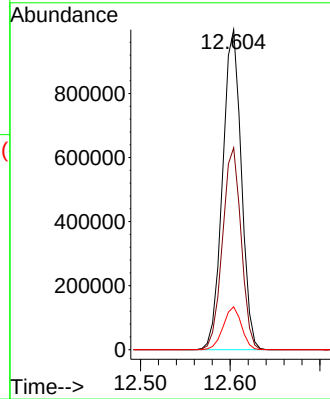
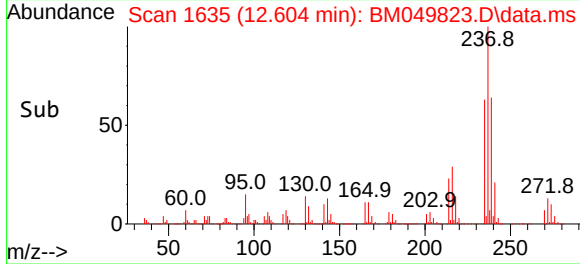
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion: 237 Resp: 144600
Ion Ratio Lower Upper
237 100
235 63.1 41.1 81.1
272 13.4 0.0 32.5

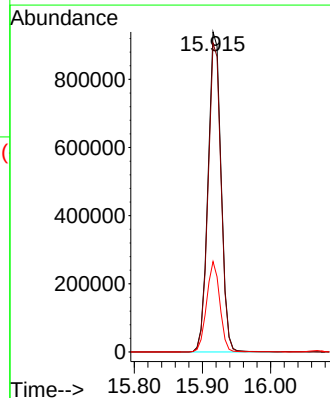
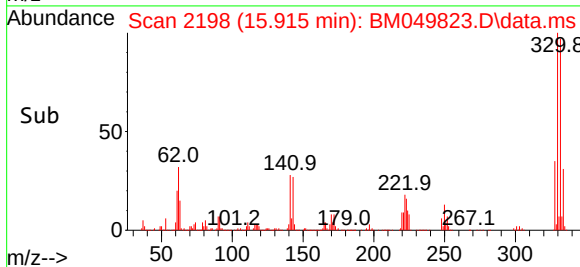
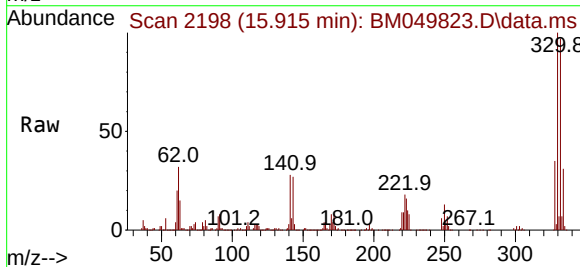
Manual Integrations
APPROVED

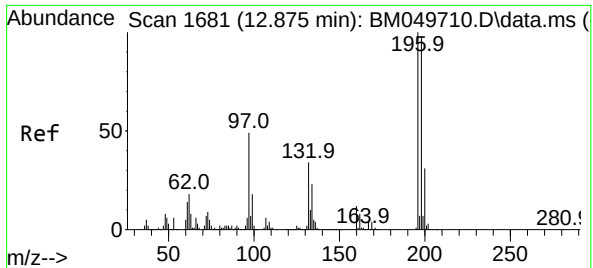
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#42
2,4,6-Tribromophenol
Concen: 148.349 ng
RT: 15.915 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

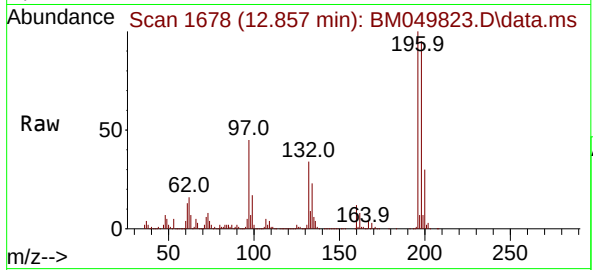
Tgt Ion: 330 Resp: 1248715
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 28.6 27.8 41.6





#43
2,4,6-Trichlorophenol
Concen: 52.383 ng
RT: 12.857 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

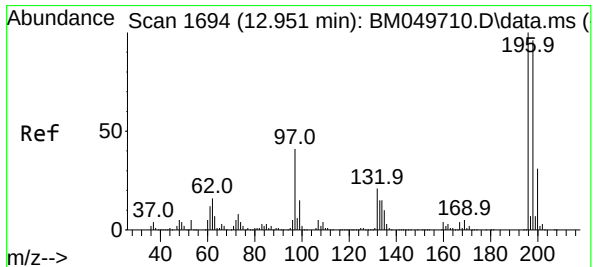
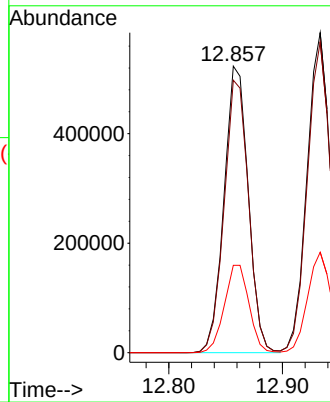
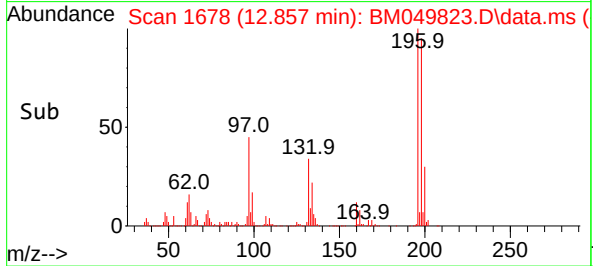
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



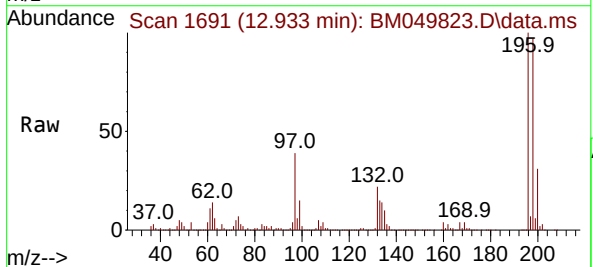
Tgt Ion:196 Resp: 776820
Ion Ratio Lower Upper
196 100
198 95.0 78.3 117.5
200 30.5 25.1 37.7

Manual Integrations
APPROVED

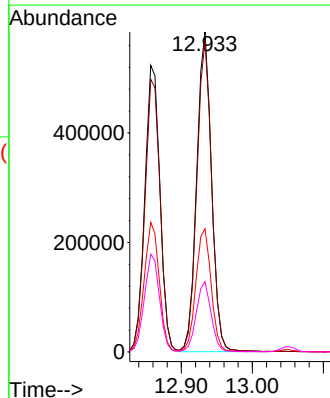
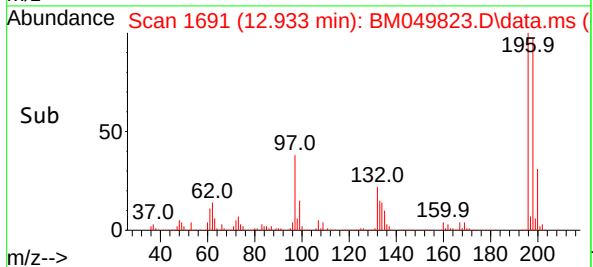
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

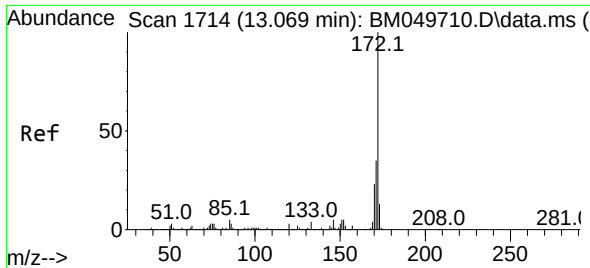


#44
2,4,5-Trichlorophenol
Concen: 52.678 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



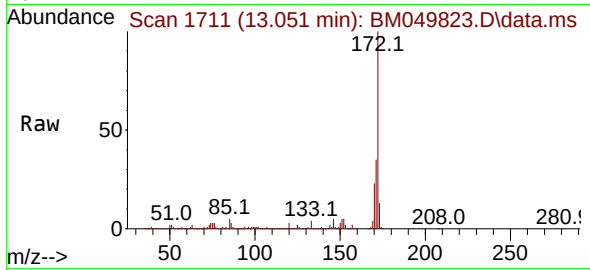
Tgt Ion:196 Resp: 852479
Ion Ratio Lower Upper
196 100
198 97.2 76.7 115.1
97 38.5 32.9 49.3
132 22.0 16.8 25.2





#45
2-Fluorobiphenyl
Concen: 62.699 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

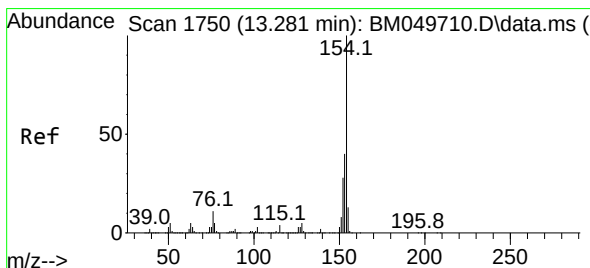
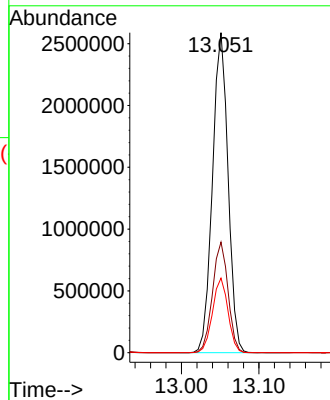
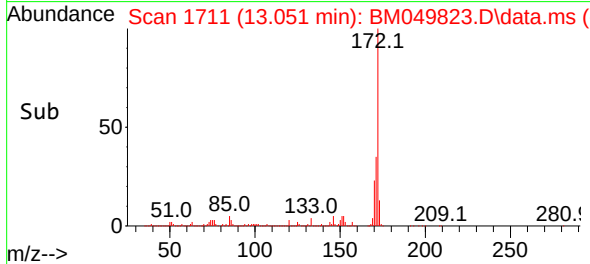
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:172 Resp: 360886
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.3 18.6 28.0

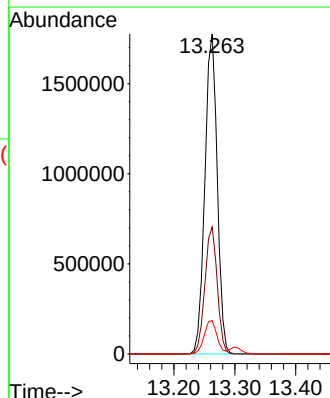
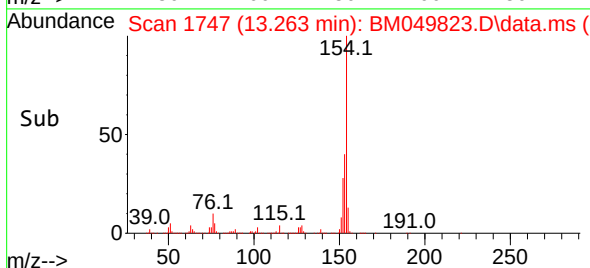
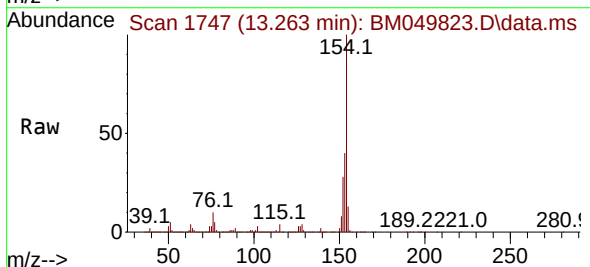
Manual Integrations
APPROVED

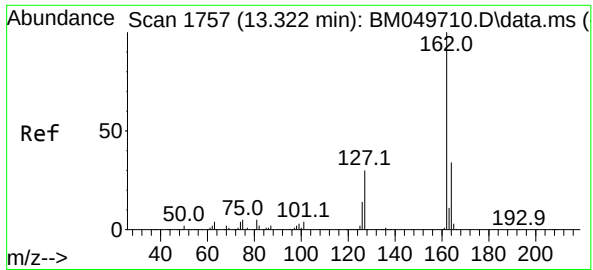
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#46
1,1'-Biphenyl
Concen: 44.912 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

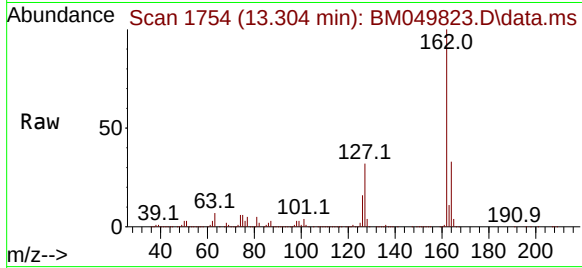
Tgt Ion:154 Resp: 2495189
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 10.4 0.0 31.2





#47
2-Chloronaphthalene
Concen: 45.912 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

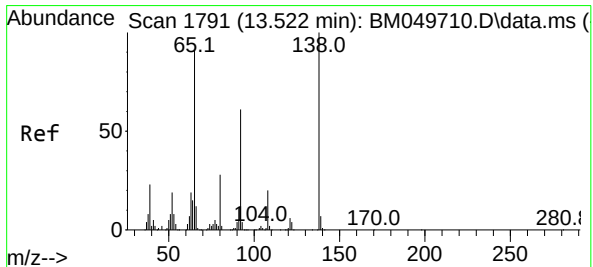
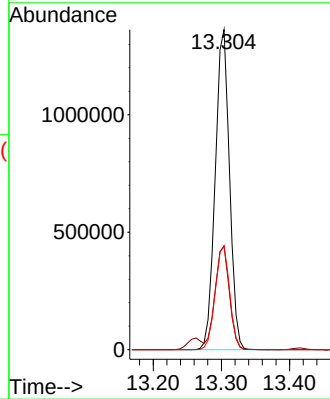
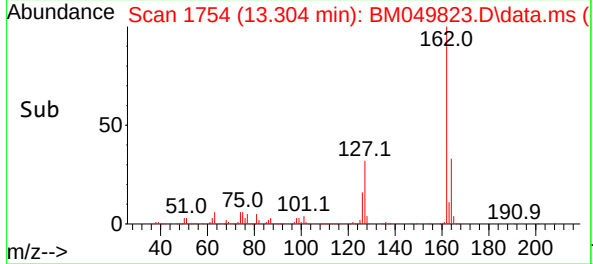
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



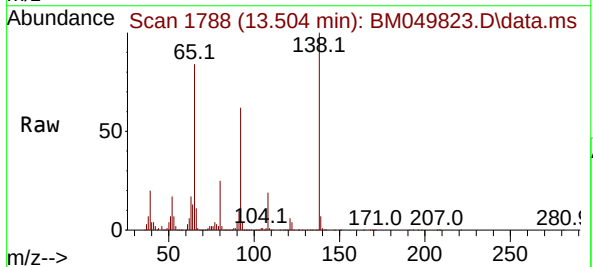
Tgt Ion:162 Resp: 1985404
Ion Ratio Lower Upper
162 100
127 32.3 25.8 38.6
164 32.5 27.1 40.7

Manual Integrations
APPROVED

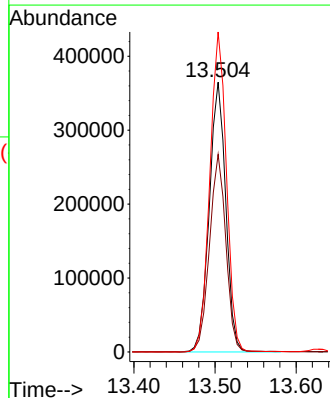
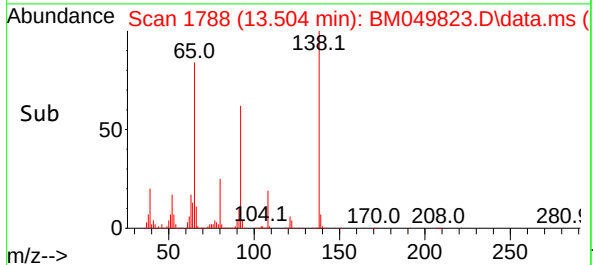
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

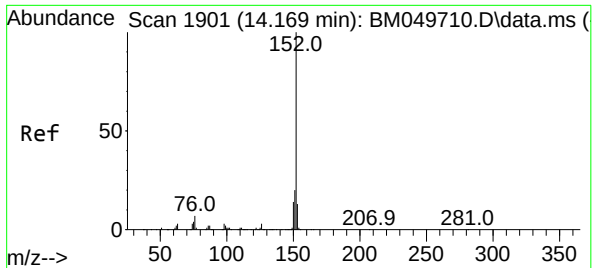


#48
2-Nitroaniline
Concen: 53.121 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



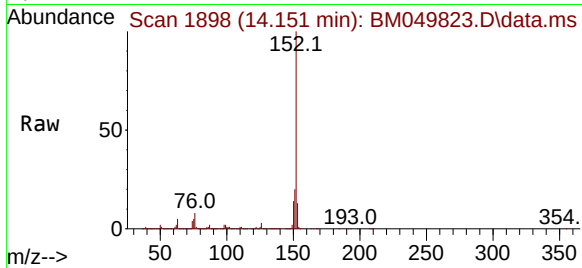
Tgt Ion: 65 Resp: 515679
Ion Ratio Lower Upper
65 100
92 73.2 53.4 80.2
138 118.6 87.6 131.4





#49
Acenaphthylene
Concen: 52.678 ng
RT: 14.151 min Scan# 1898
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

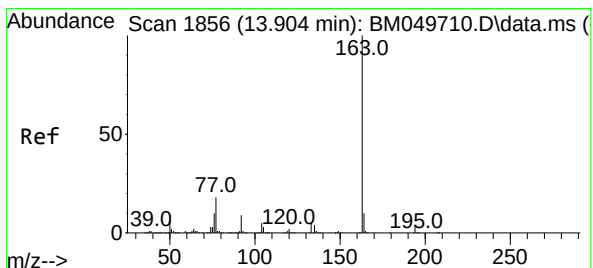
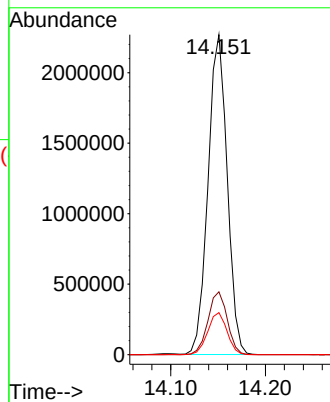
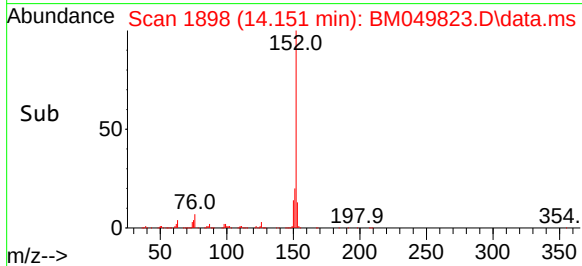
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:152 Resp: 318410
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.1 10.2 15.4

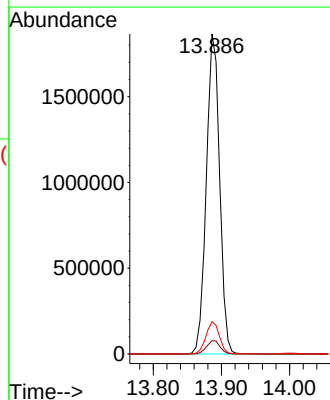
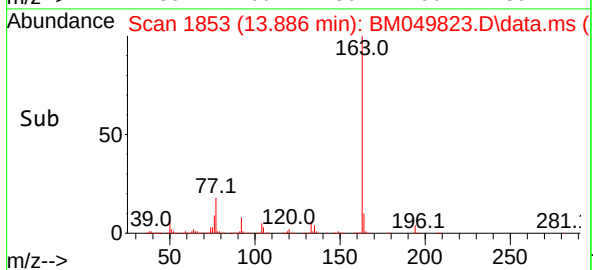
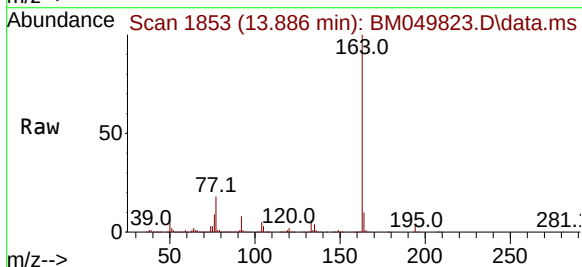
Manual Integrations
APPROVED

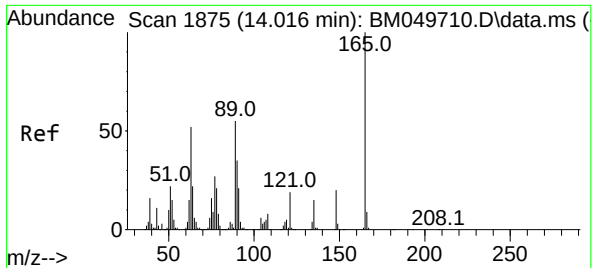
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#50
Dimethylphthalate
Concen: 50.945 ng
RT: 13.886 min Scan# 1853
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

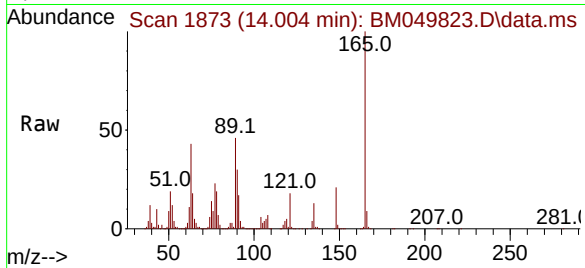
Tgt Ion:163 Resp: 2528429
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 54.807 ng
RT: 14.004 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

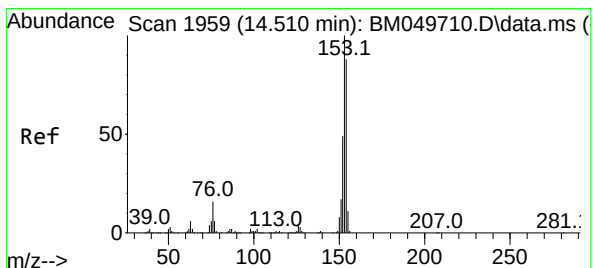
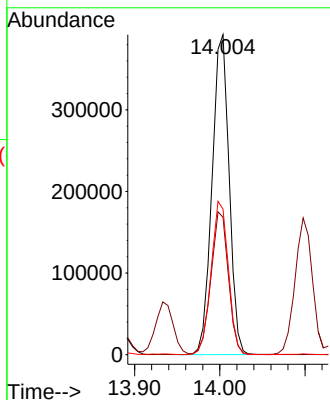
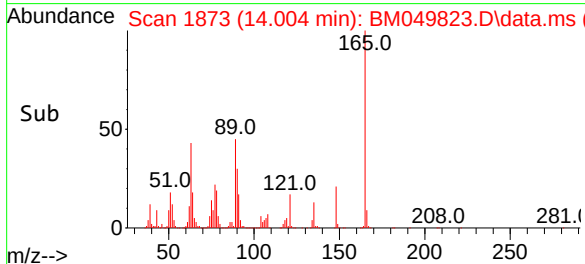
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:165 Resp: 545022
Ion Ratio Lower Upper
165 100
63 43.0 42.3 63.5
89 45.5 43.9 65.9

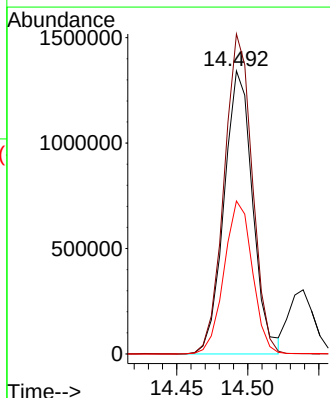
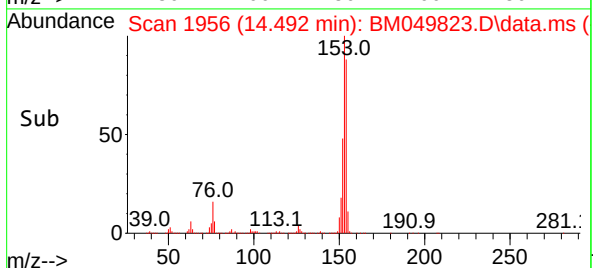
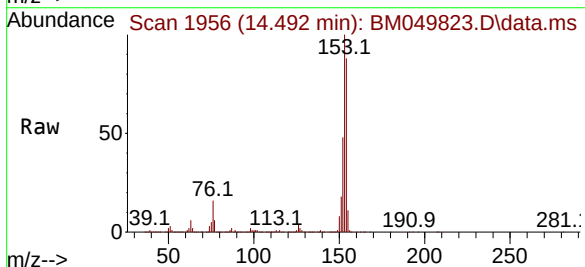
Manual Integrations
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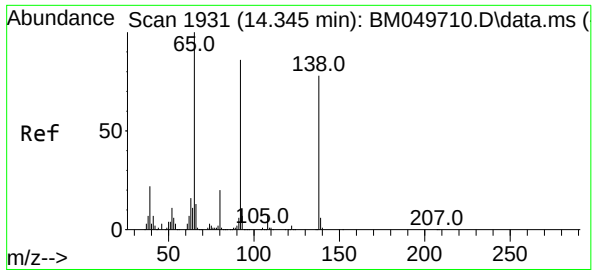
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#52
Acenaphthene
Concen: 47.355 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

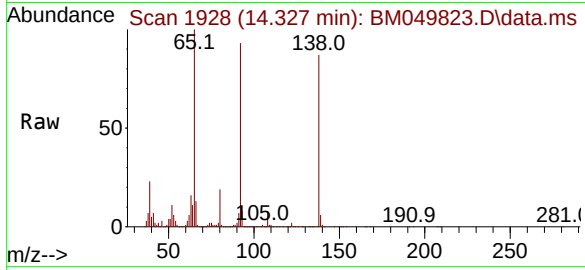
Tgt Ion:154 Resp: 1877545
Ion Ratio Lower Upper
154 100
153 113.0 90.4 135.6
152 54.0 44.2 66.2





#53
3-Nitroaniline
Concen: 44.892 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

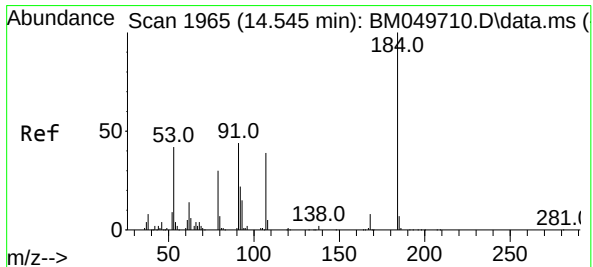
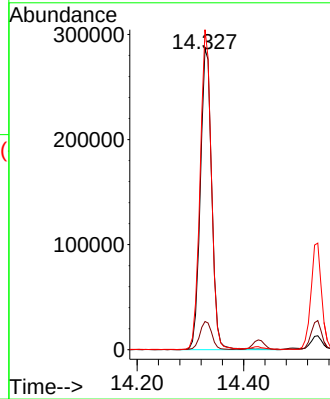
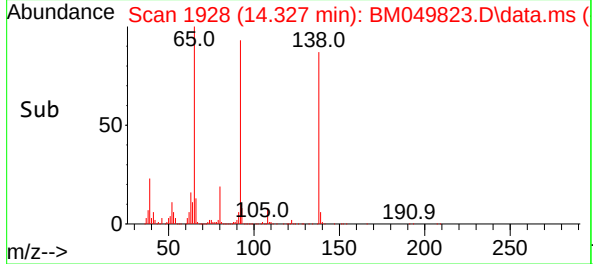
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:138 Resp: 424820
Ion Ratio Lower Upper
138 100
108 9.4 7.5 11.3
92 106.5 88.0 132.0

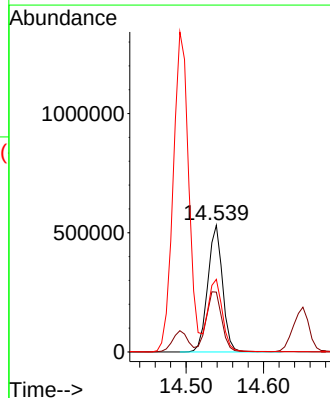
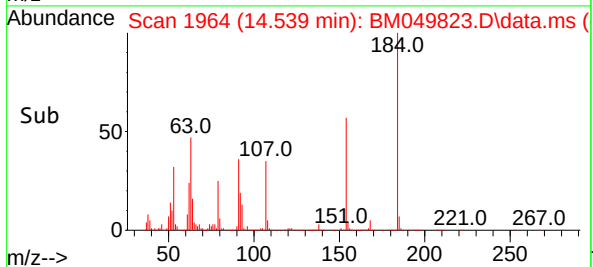
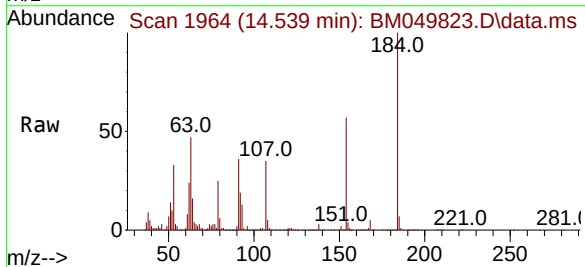
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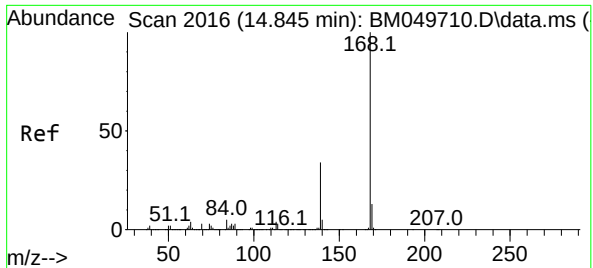
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#54
2,4-Dinitrophenol
Concen: 100.585 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

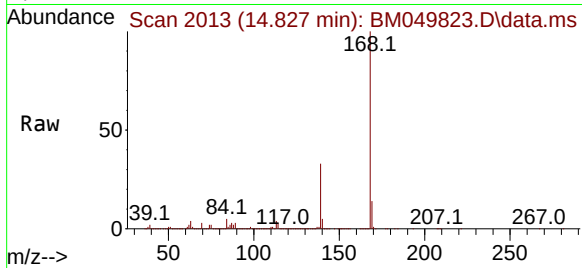
Tgt Ion:184 Resp: 703634
Ion Ratio Lower Upper
184 100
63 47.2 47.2 70.8
154 57.3 49.9 74.9





#55
Dibenzenofuran
Concen: 46.270 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

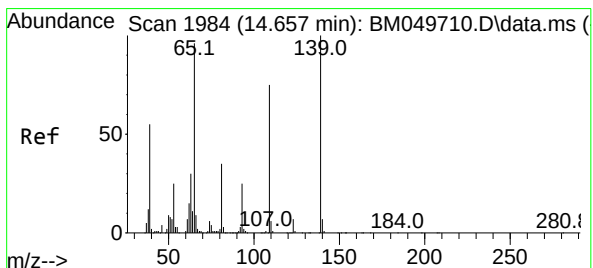
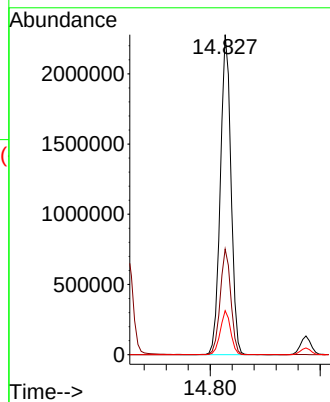
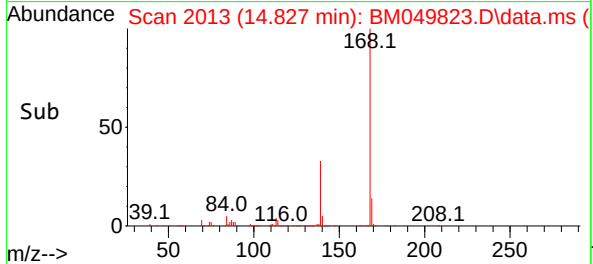
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:168 Resp: 3056872
Ion Ratio Lower Upper
168 100
139 33.0 27.4 41.0
169 13.7 10.7 16.1

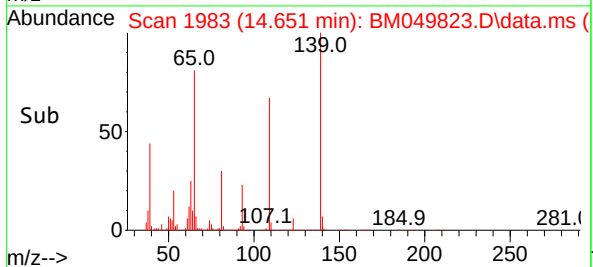
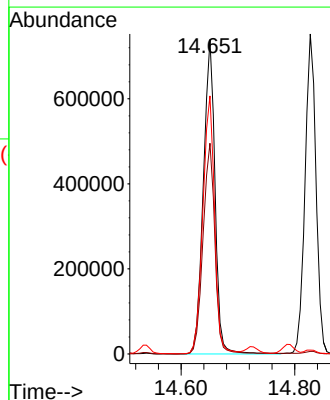
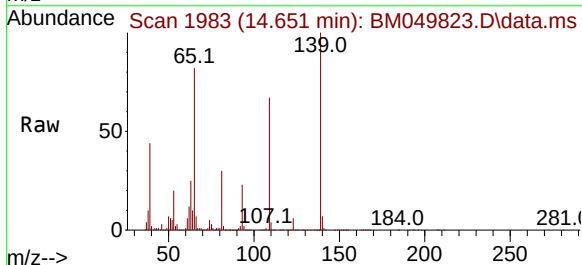
Manual Integrations
APPROVED

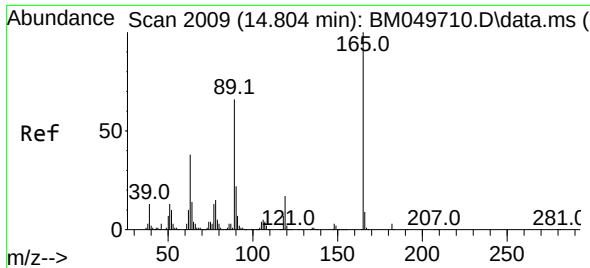
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#56
4-Nitrophenol
Concen: 128.171 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

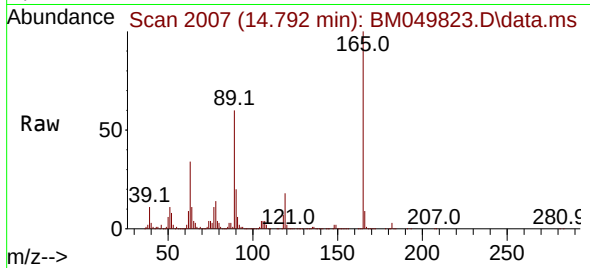
Tgt Ion:139 Resp: 1055783
Ion Ratio Lower Upper
139 100
109 67.0 54.7 94.7
65 82.1 76.2 116.2





#57
2,4-Dinitrotoluene
Concen: 61.318 ng
RT: 14.792 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

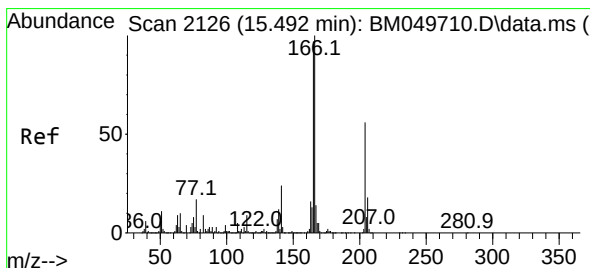
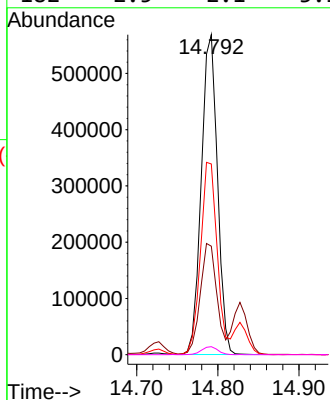
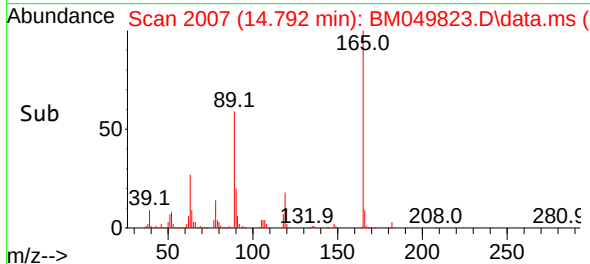
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:165 Resp: 78464
Ion Ratio Lower Upper
165 100
63 33.9 30.8 46.2
89 59.6 53.1 79.7
182 2.5 2.1 3.1

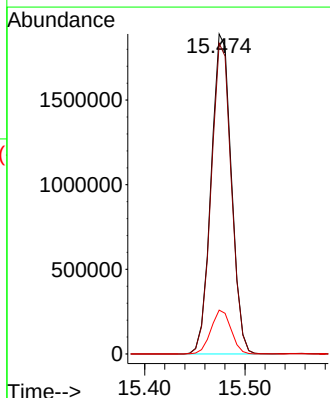
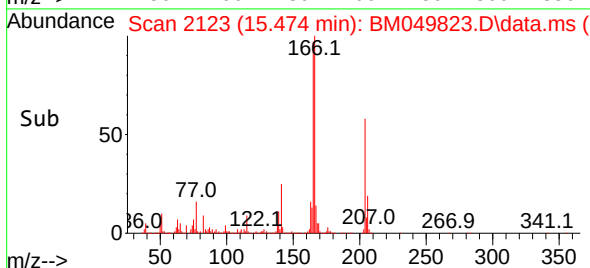
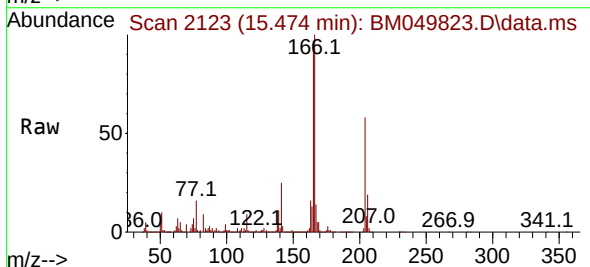
Manual Integrations
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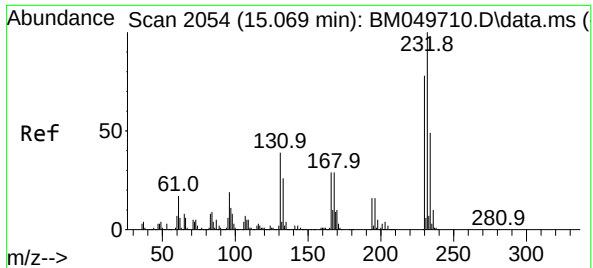
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#58
Fluorene
Concen: 49.129 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

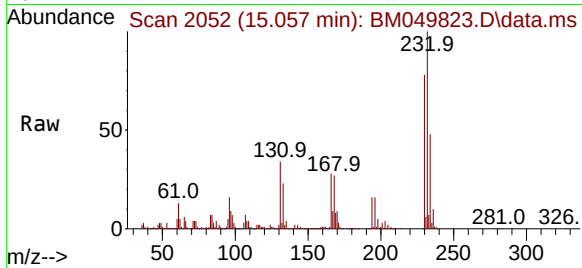
Tgt Ion:166 Resp: 2642671
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.324 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

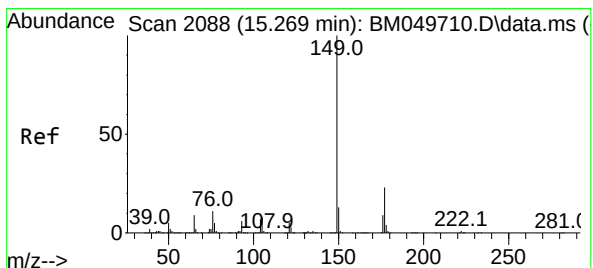
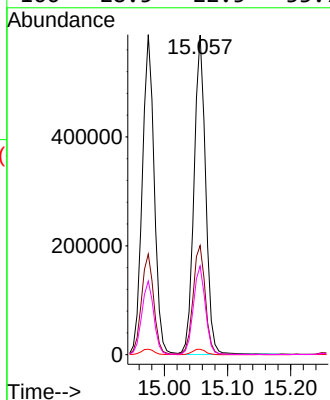
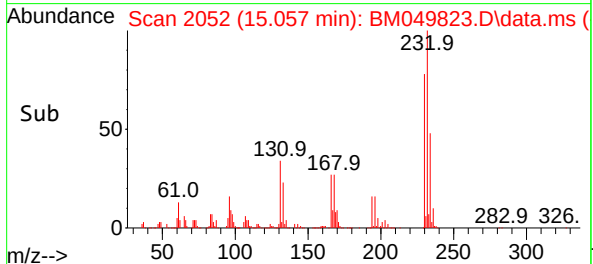
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



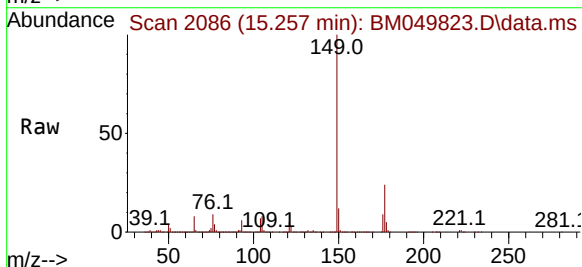
Tgt Ion:232 Resp: 74943
Ion Ratio Lower Upper
232 100
131 35.7 30.0 45.0
130 1.9 1.6 2.4
166 28.5 22.5 33.7

Manual Integrations
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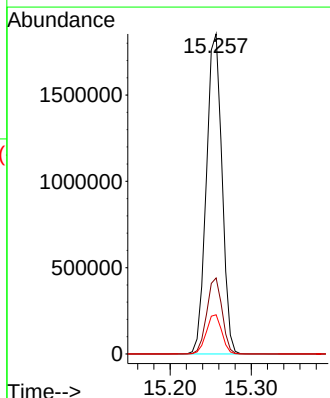
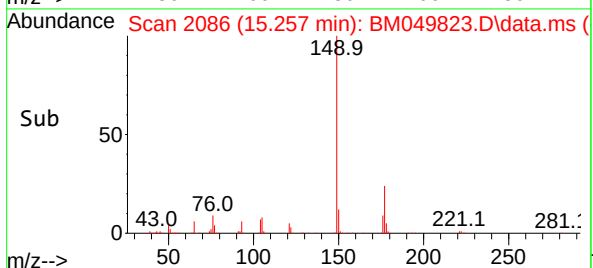
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

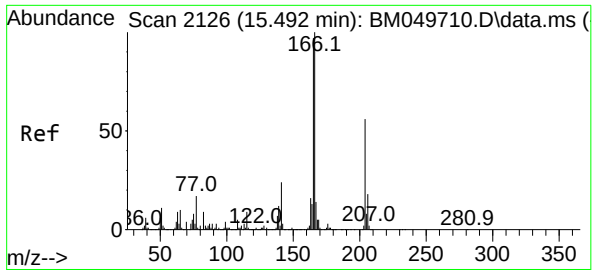


#60
Diethylphthalate
Concen: 52.831 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



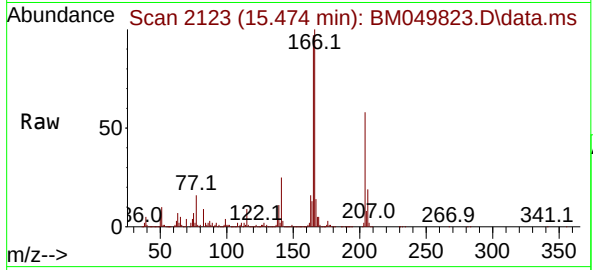
Tgt Ion:149 Resp: 2469491
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.2
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.290 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

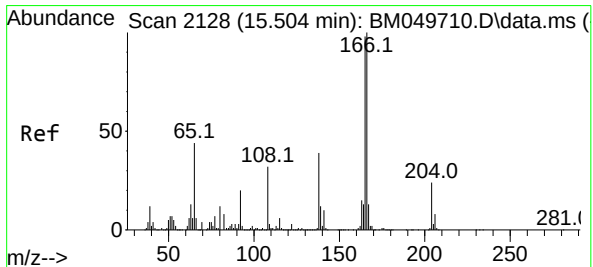
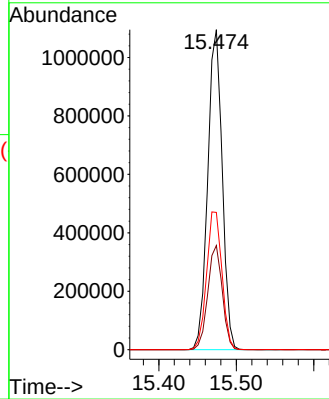
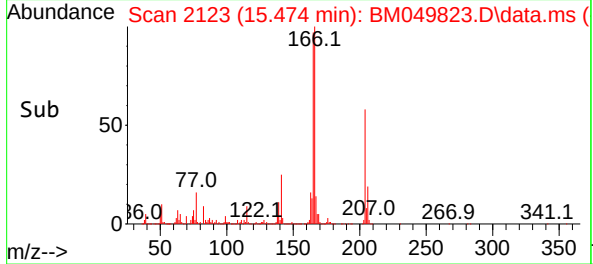
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



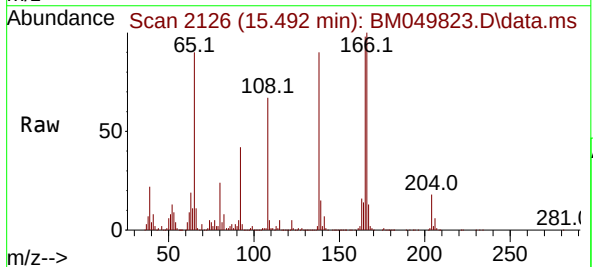
Tgt Ion:204 Resp: 1418419
Ion Ratio Lower Upper
204 100
206 32.5 25.2 37.8
141 42.9 34.5 51.7

Manual Integrations
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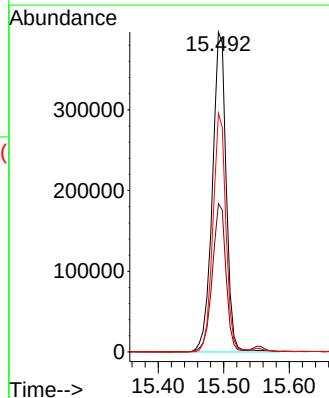
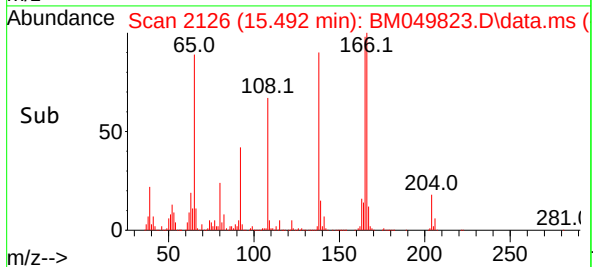
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

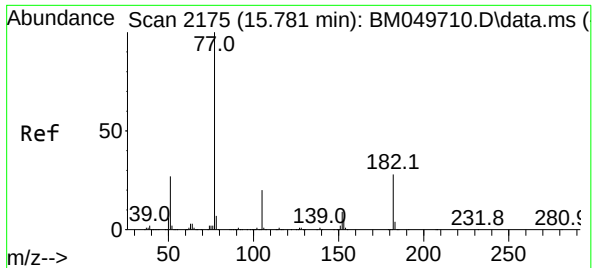


#62
4-Nitroaniline
Concen: 51.336 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



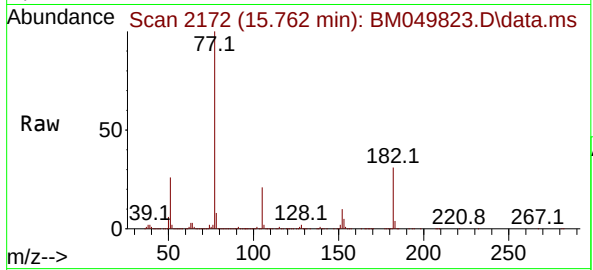
Tgt Ion:138 Resp: 581201
Ion Ratio Lower Upper
138 100
92 46.4 29.8 69.8
108 74.6 61.3 101.3





#63
Azobenzene
Concen: 52.309 ng
RT: 15.762 min Scan# 2172
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

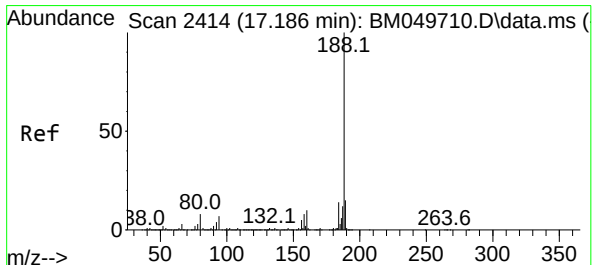
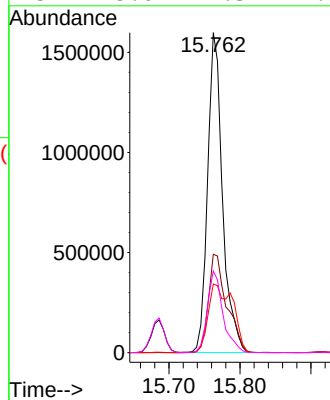
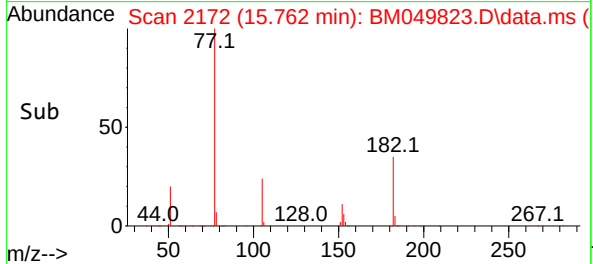
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion: 77 Resp: 2335480
Ion Ratio Lower Upper
77 100
182 30.7 8.0 48.0
105 21.4 0.0 40.0
51 25.6 7.3 47.3

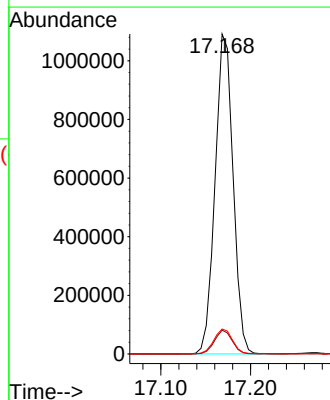
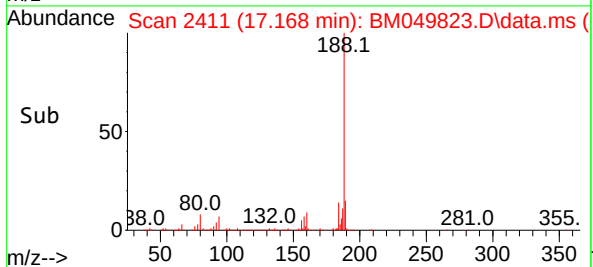
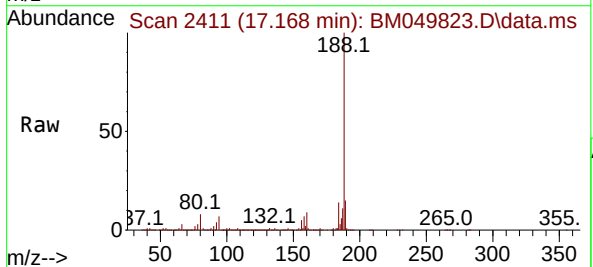
Manual Integrations
APPROVED

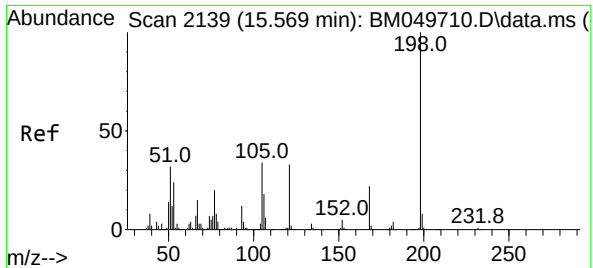
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

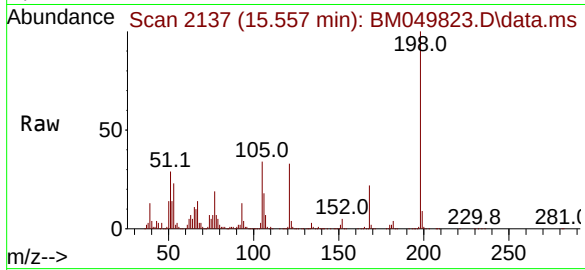
Tgt Ion:188 Resp: 1520332
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 7.8 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 53.480 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

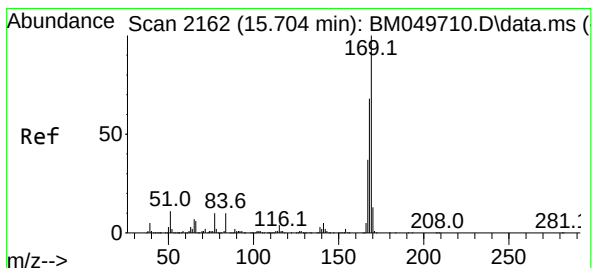
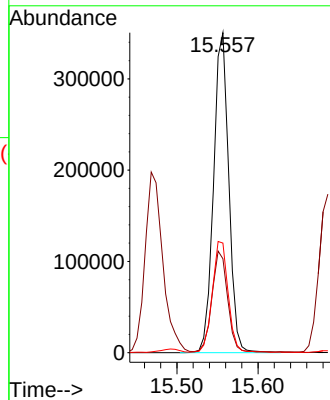
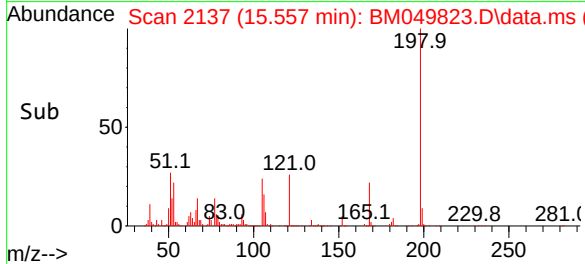
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



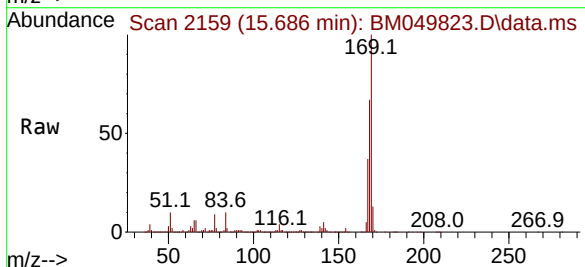
Tgt Ion:198 Resp: 455938
Ion Ratio Lower Upper
198 100
51 29.4 13.8 53.8
105 34.3 14.0 54.0

Manual Integrations
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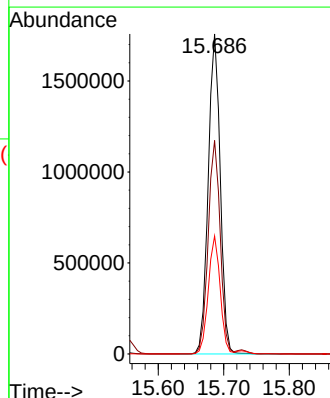
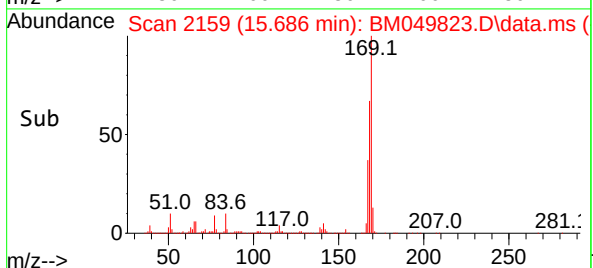
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

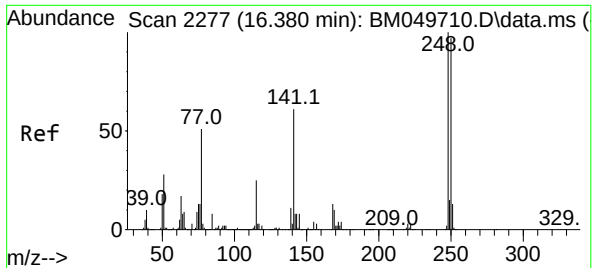


#66
n-Nitrosodiphenylamine
Concen: 48.733 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



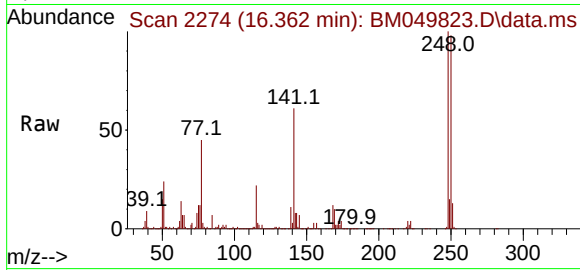
Tgt Ion:169 Resp: 2244807
Ion Ratio Lower Upper
169 100
168 66.7 54.8 82.2
167 36.9 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 48.117 ng
RT: 16.362 min Scan# 211
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

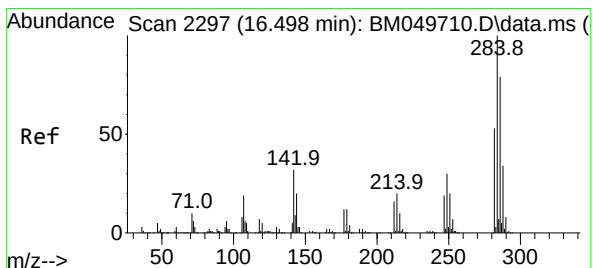
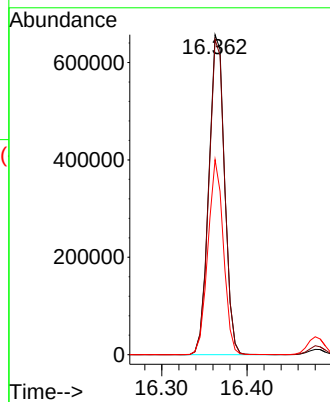
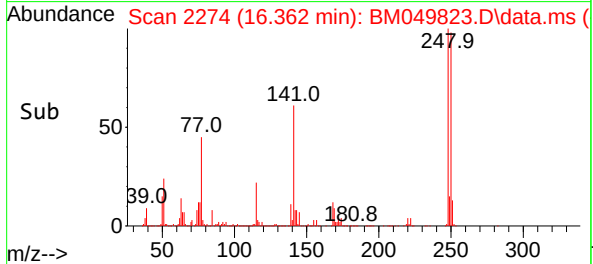
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:248 Resp: 844608
Ion Ratio Lower Upper
248 100
250 98.5 77.9 116.9
141 61.0 48.6 73.0

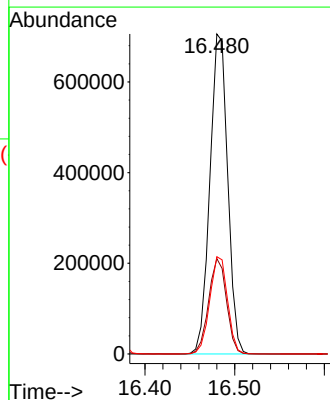
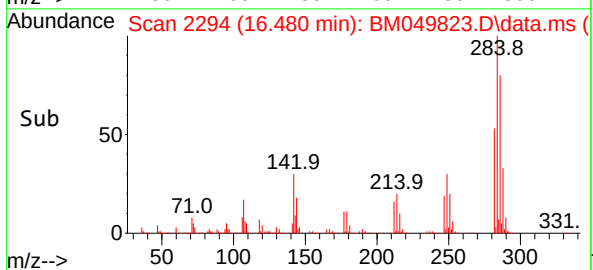
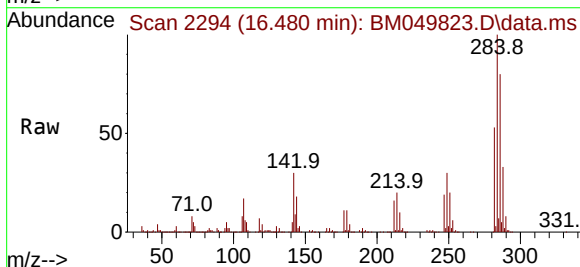
Manual Integrations
APPROVED

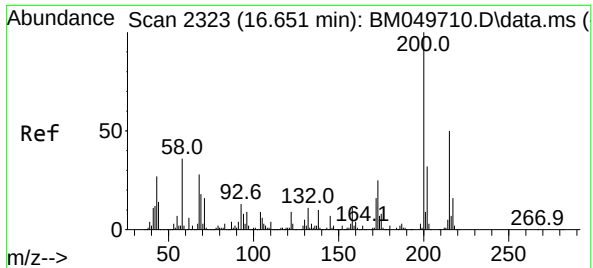
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#68
Hexachlorobenzene
Concen: 49.175 ng
RT: 16.480 min Scan# 2294
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

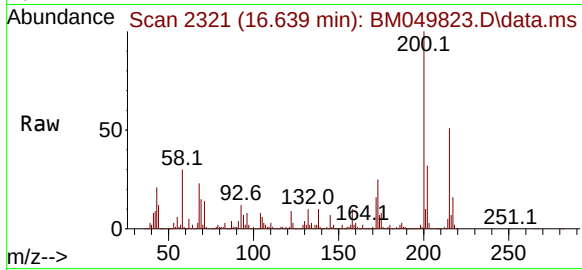
Tgt Ion:284 Resp: 970673
Ion Ratio Lower Upper
284 100
142 29.8 25.5 38.3
249 30.4 24.2 36.2





#69
Atrazine
Concen: 83.886 ng
RT: 16.639 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

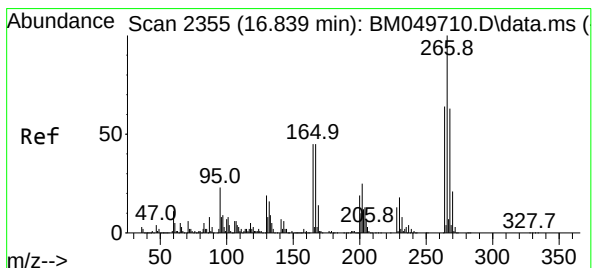
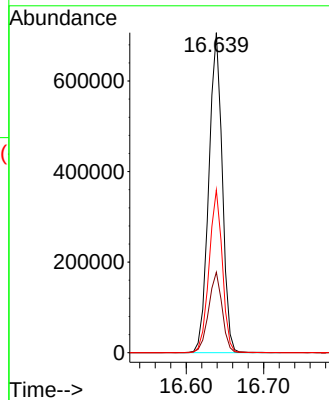
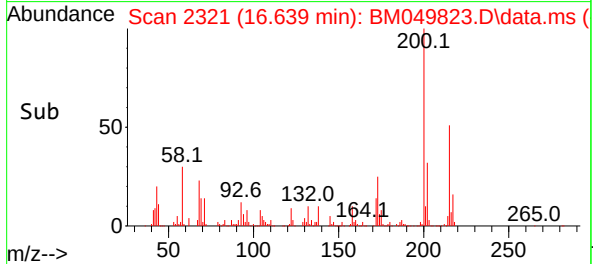
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:200 Resp: 85157
Ion Ratio Lower Upper
200 100
173 25.1 5.4 45.4
215 50.9 29.8 69.8

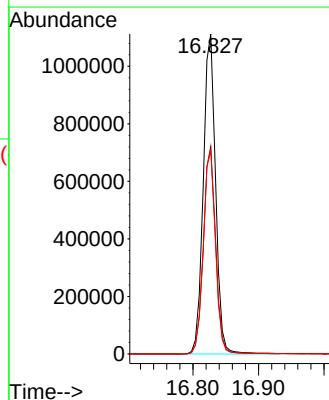
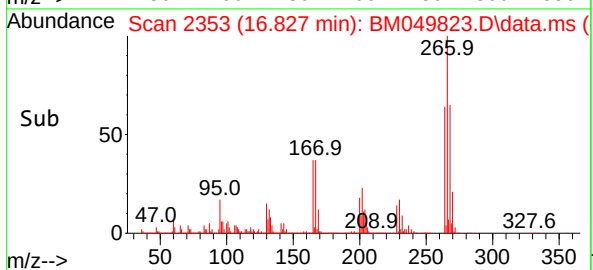
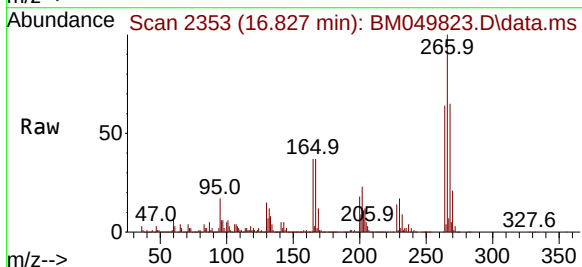
Manual Integrations
APPROVED

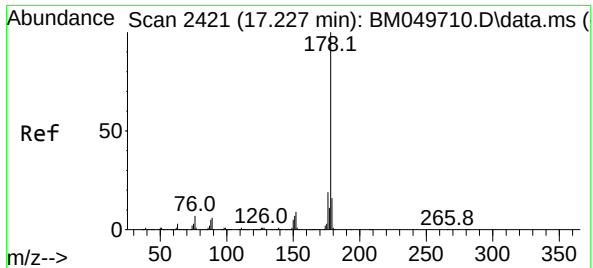
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#70
Pentachlorophenol
Concen: 117.507 ng
RT: 16.827 min Scan# 2353
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

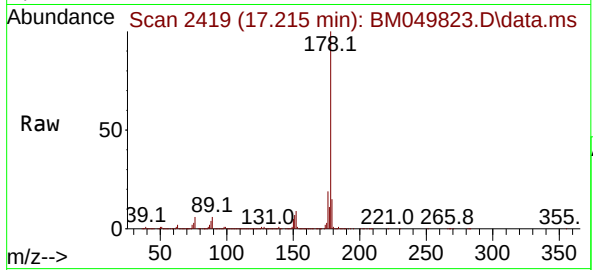
Tgt Ion:266 Resp: 1457616
Ion Ratio Lower Upper
266 100
268 64.8 50.2 75.2
264 63.5 51.3 76.9





#71
Phenanthrene
Concen: 49.560 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

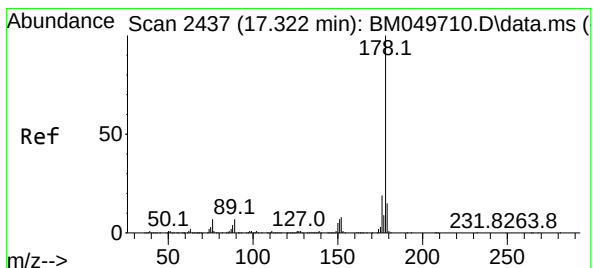
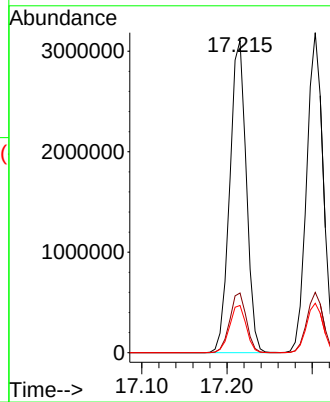
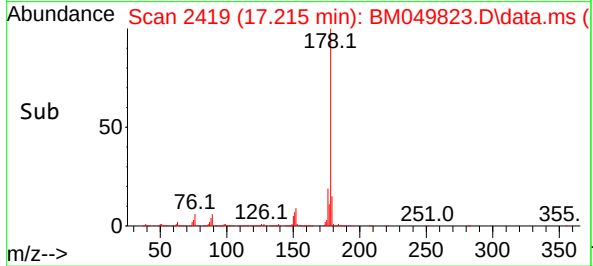
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:178 Resp: 418390
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.1 12.5 18.7

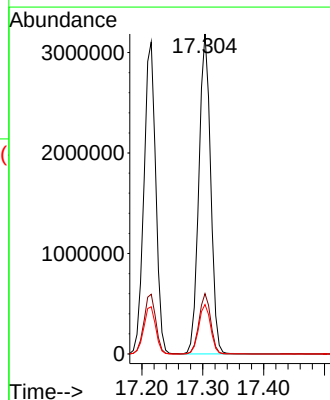
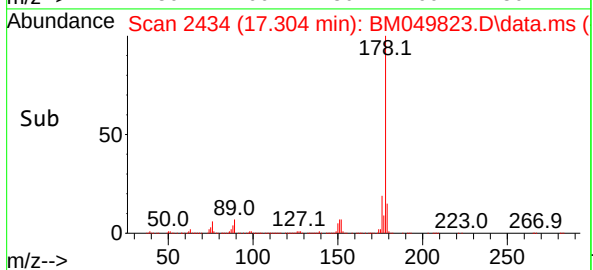
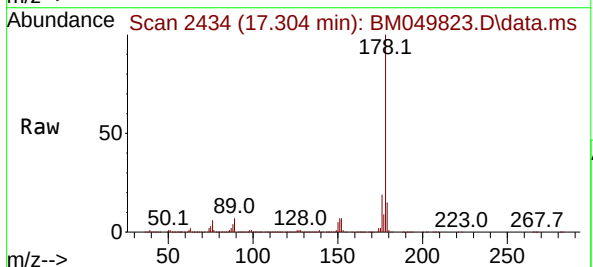
Manual Integrations
APPROVED

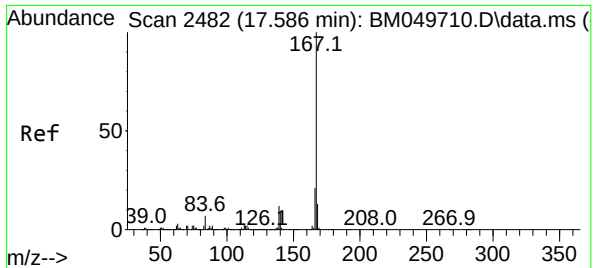
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#72
Anthracene
Concen: 52.278 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

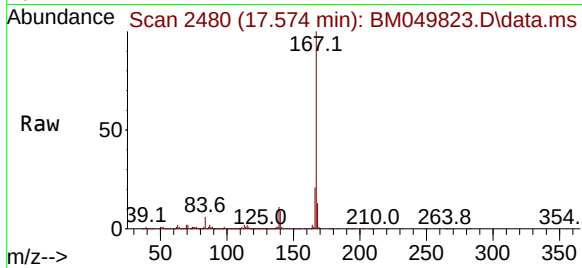
Tgt Ion:178 Resp: 4274084
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.5 12.4 18.6





#73
Carbazole
Concen: 53.450 ng
RT: 17.574 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

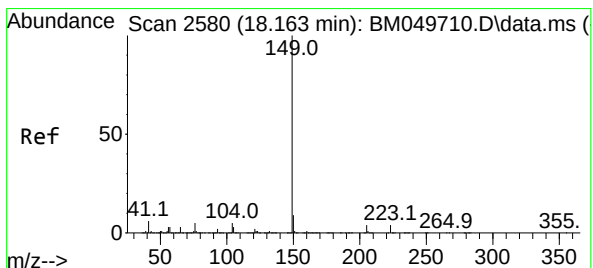
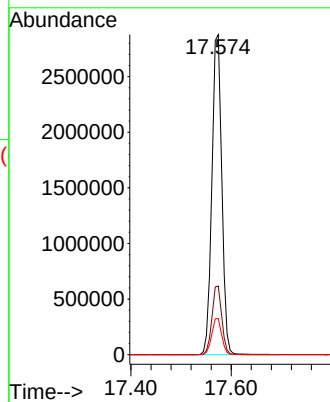
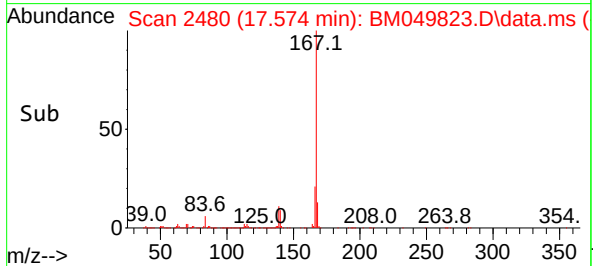
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:167 Resp: 3957574
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 11.3 9.4 14.2

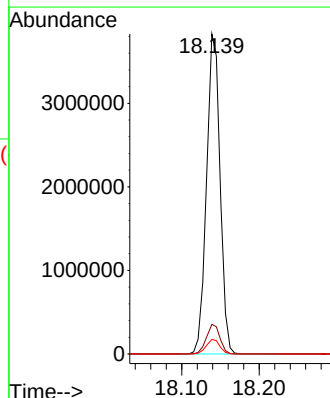
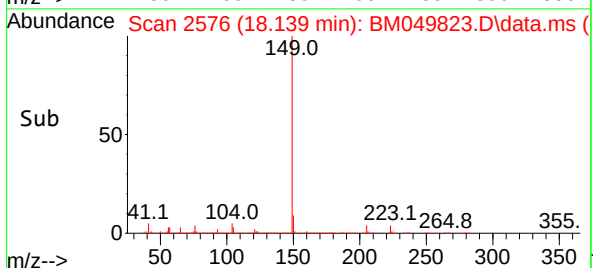
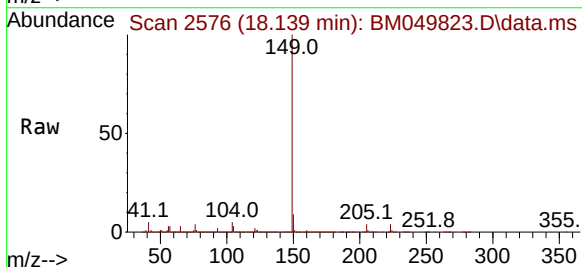
Manual Integrations
APPROVED

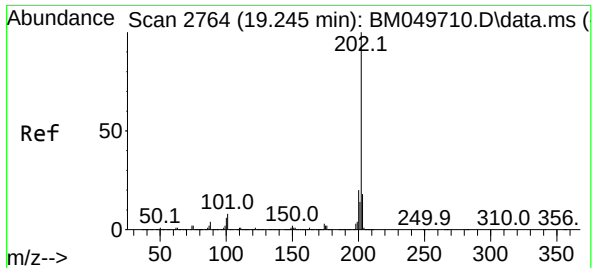
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#74
Di-n-butylphthalate
Concen: 57.065 ng
RT: 18.139 min Scan# 2576
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

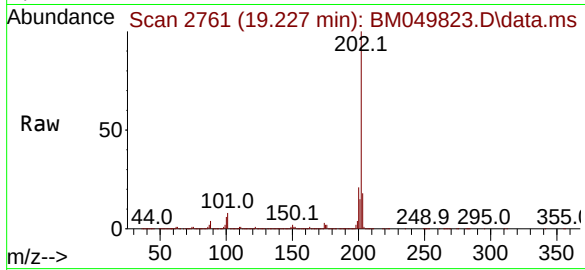
Tgt Ion:149 Resp: 4631002
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 4.6 3.9 5.9





#75
Fluoranthene
Concen: 53.012 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

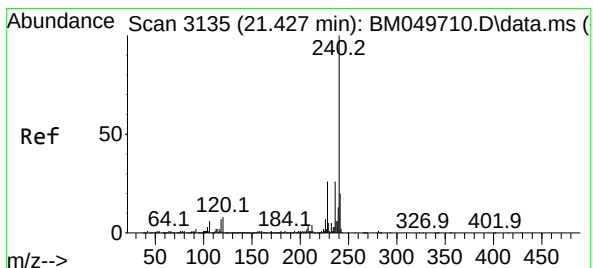
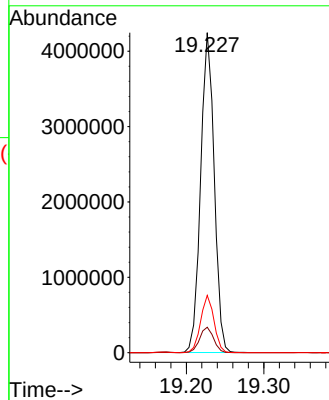
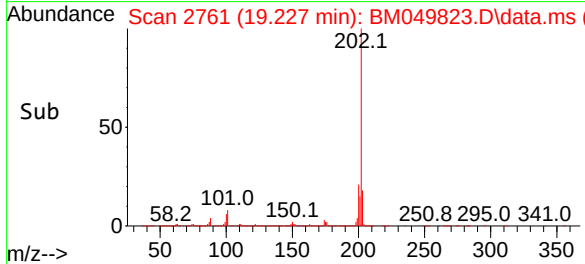
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:202 Resp: 515238
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.8
203 17.9 0.0 37.6

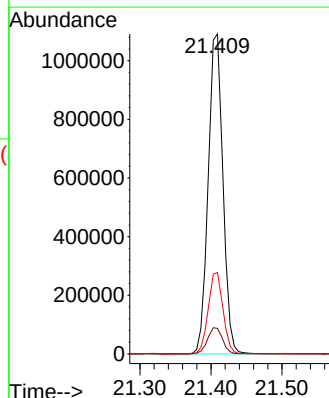
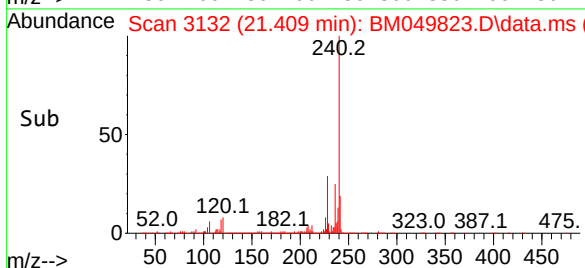
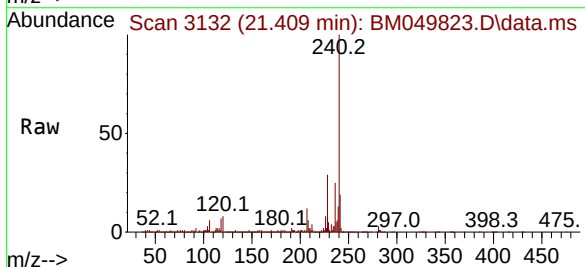
Manual Integrations
APPROVED

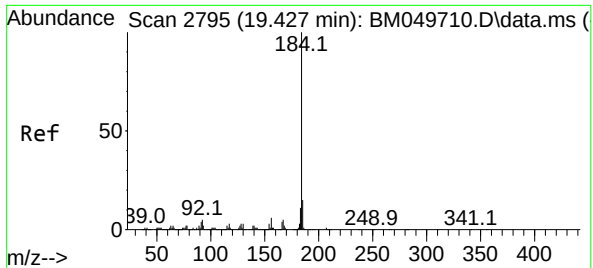
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

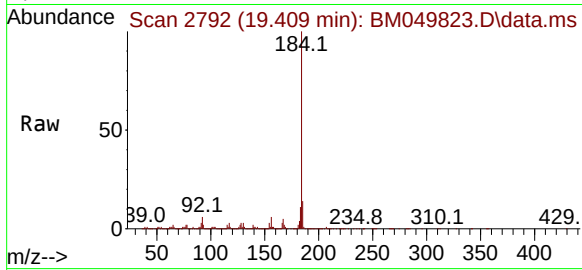
Tgt Ion:240 Resp: 1576204
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.4 20.7 31.1





#77
Benzidine
Concen: 149.444 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

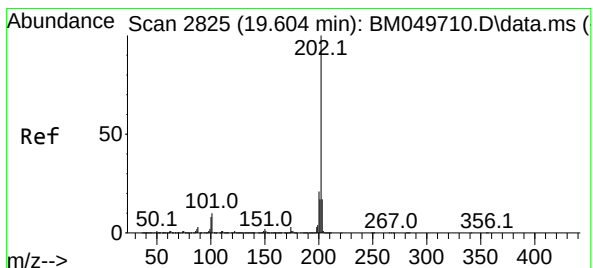
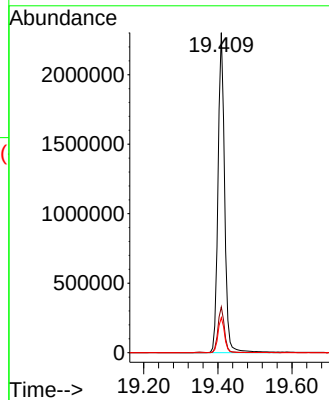
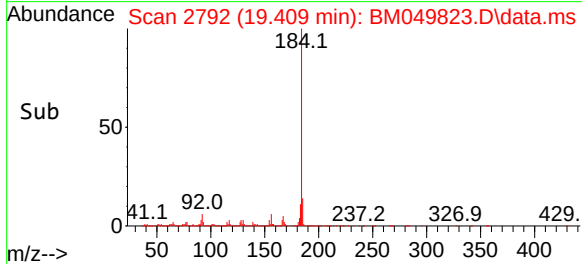
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:184 Resp: 2829950
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.0 8.8 13.2

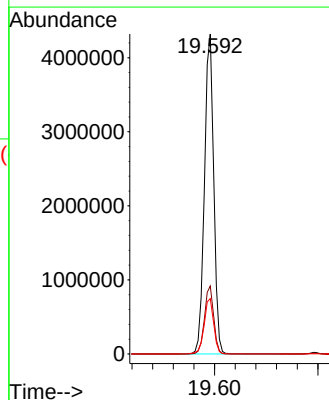
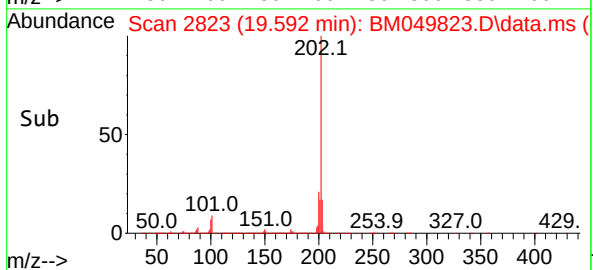
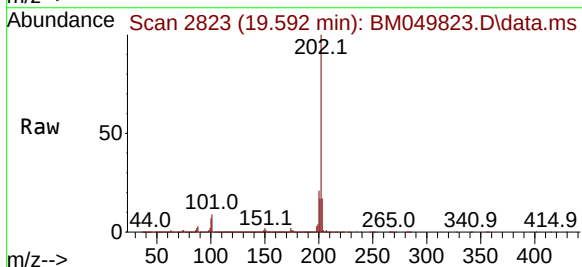
Manual Integrations
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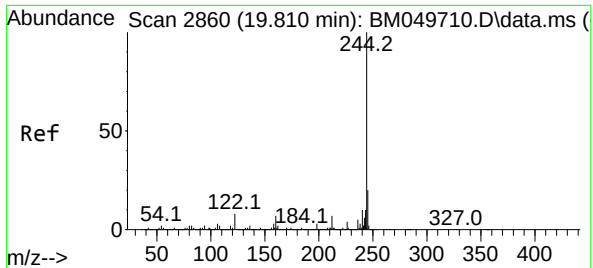
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#78
Pyrene
Concen: 48.800 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

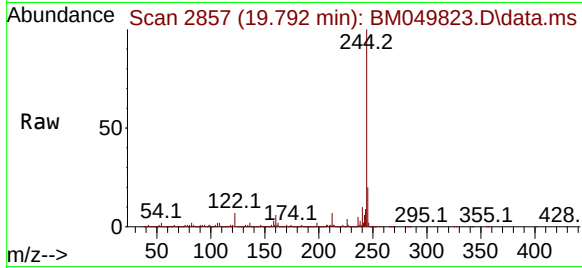
Tgt Ion:202 Resp: 5374031
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.3 14.0 21.0





#79
Terphenyl-d14
Concen: 73.909 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

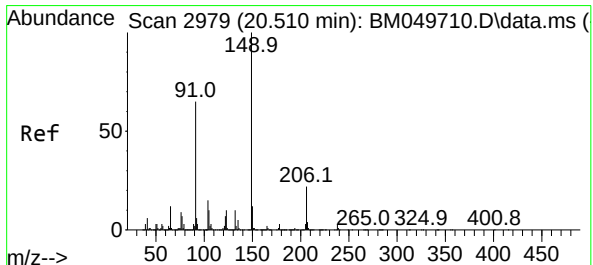
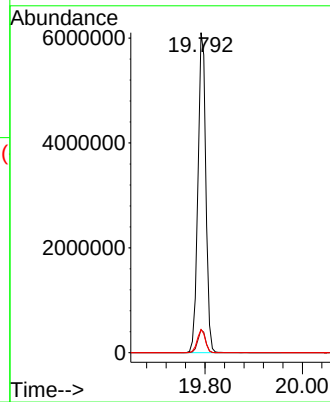
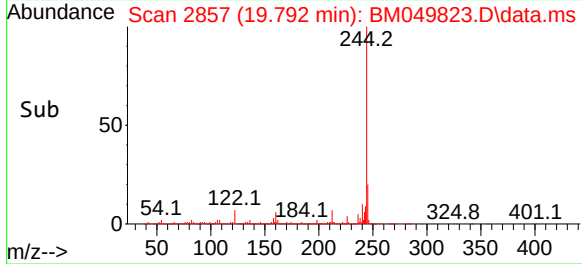
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:244 Resp: 691321
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 7.3 6.0 9.0

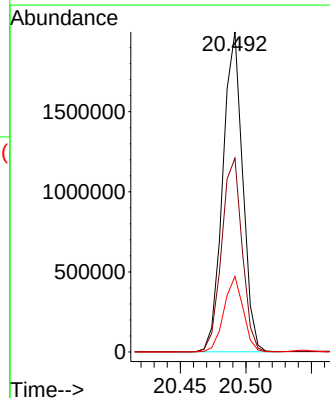
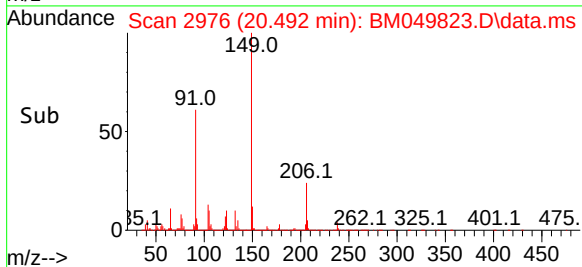
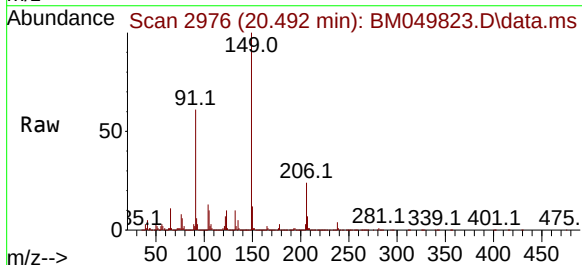
Manual Integrations
APPROVED

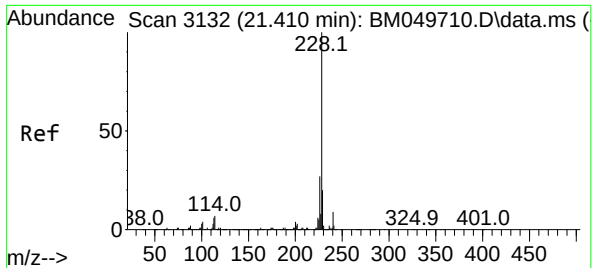
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#80
Butylbenzylphthalate
Concen: 61.425 ng
RT: 20.492 min Scan# 2976
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

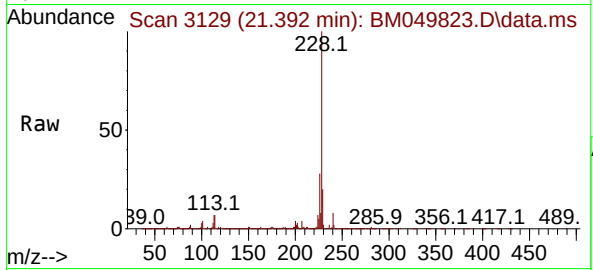
Tgt Ion:149 Resp: 2099221
Ion Ratio Lower Upper
149 100
91 60.6 52.2 78.4
206 23.6 17.6 26.4





#81
Benzo(a)anthracene
Concen: 50.404 ng
RT: 21.392 min Scan# 3115
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

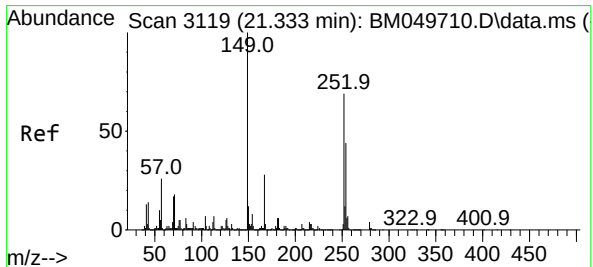
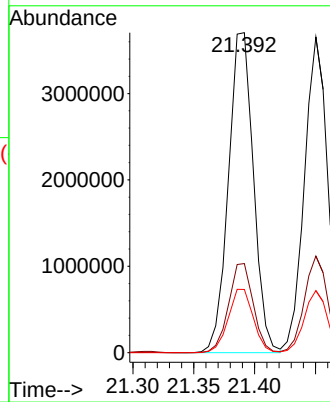
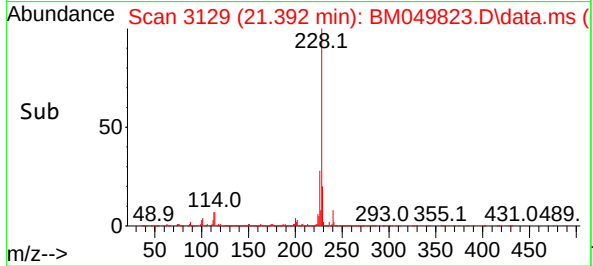
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:228 Resp: 530653
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 19.8 15.8 23.8

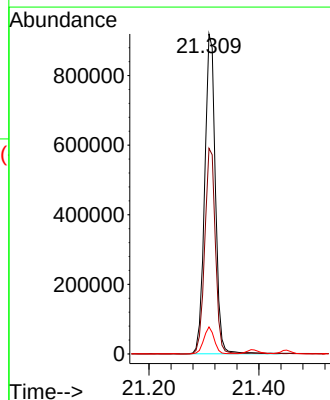
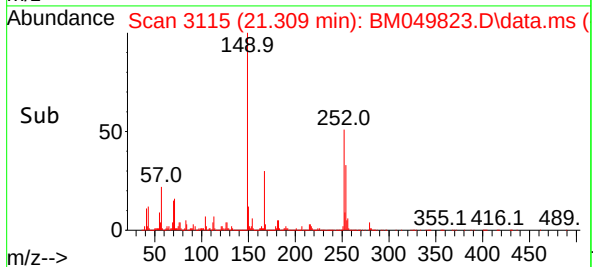
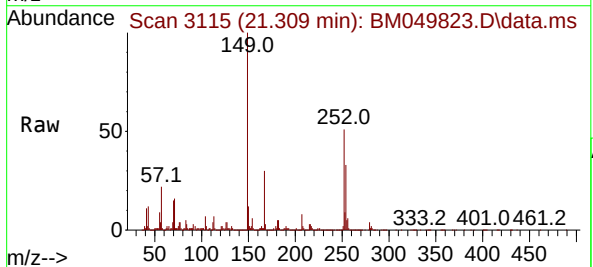
Manual Integrations
APPROVED

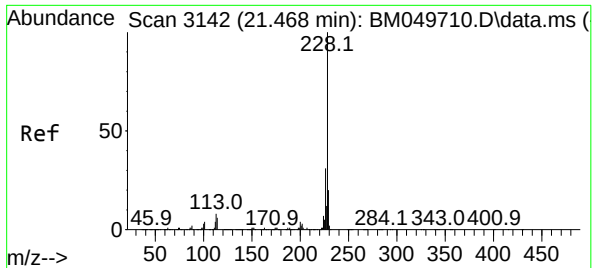
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#82
3,3'-Dichlorobenzidine
Concen: 36.117 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

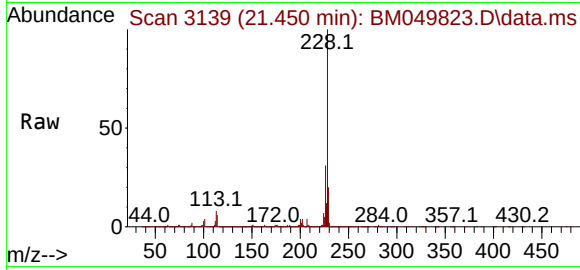
Tgt Ion:252 Resp: 1237963
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.4
126 8.4 6.3 9.5





#83
Chrysene
Concen: 48.620 ng
RT: 21.450 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

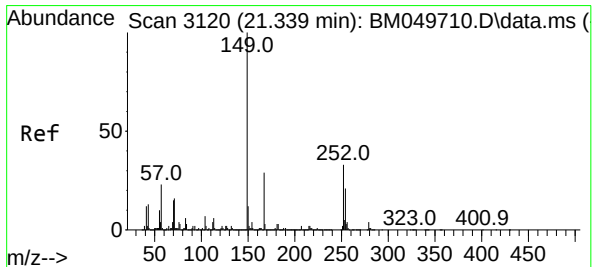
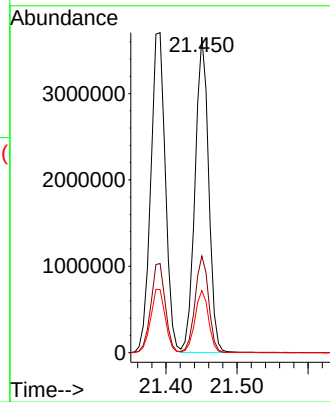
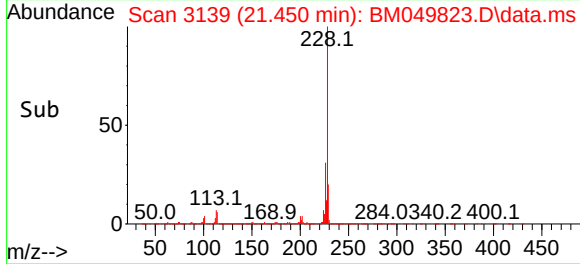
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:228 Resp: 4852225
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 19.7 15.8 23.6

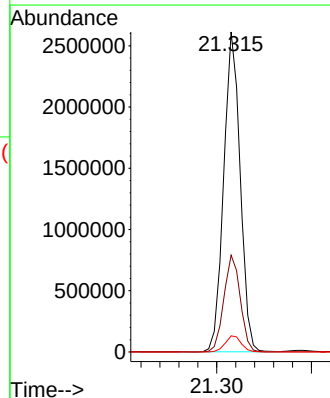
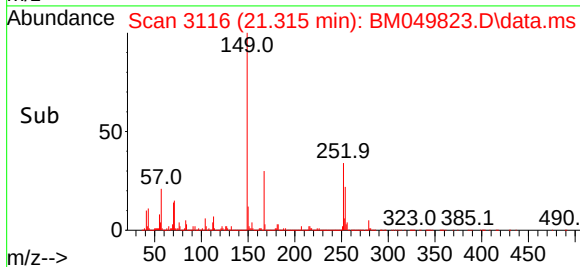
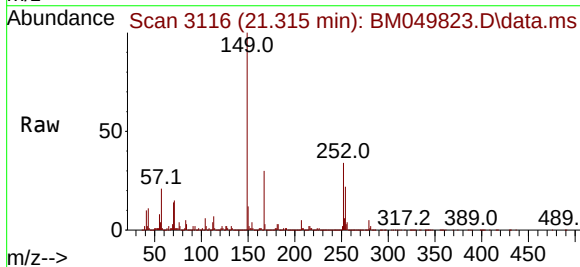
Manual Integrations
APPROVED

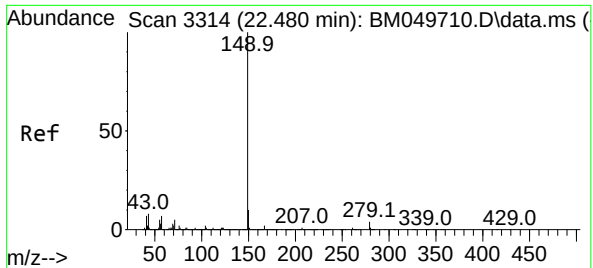
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.305 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

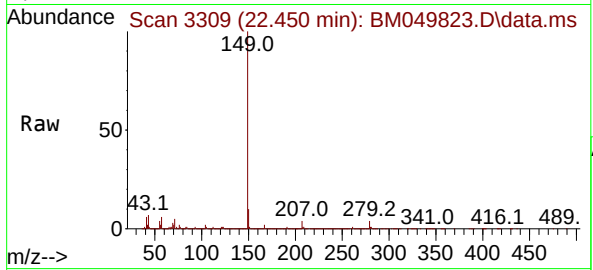
Tgt Ion:149 Resp: 3158643
Ion Ratio Lower Upper
149 100
167 30.3 22.9 34.3
279 5.1 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 62.864 ng
RT: 22.450 min Scan# 31
Delta R.T. -0.030 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

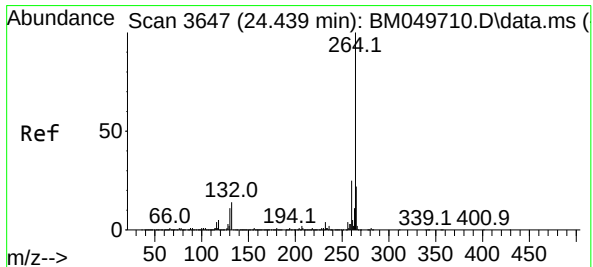
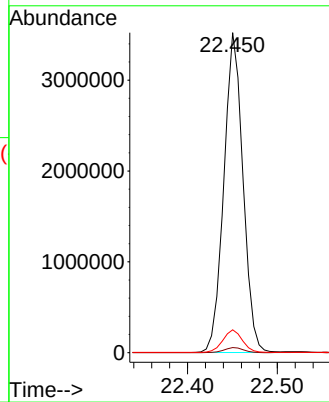
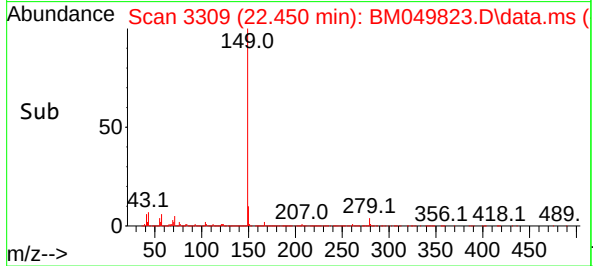
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:149 Resp: 5203980
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 6.8 10.2

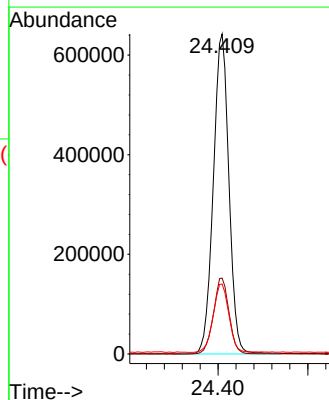
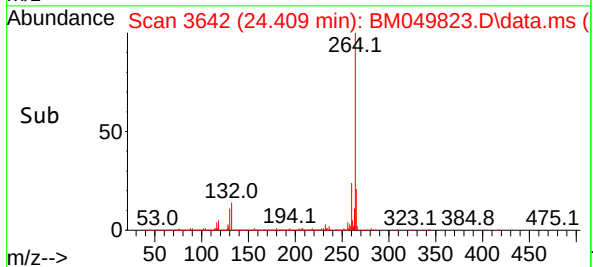
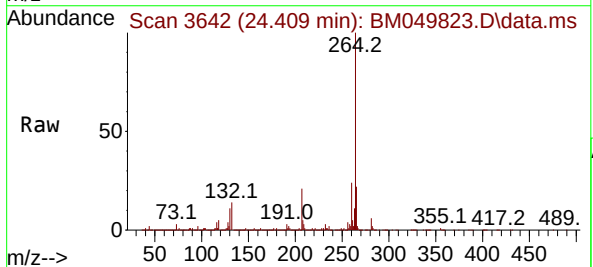
Manual Integrations
APPROVED

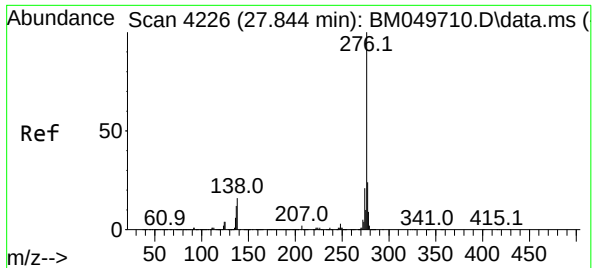
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.409 min Scan# 3642
Delta R.T. -0.030 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

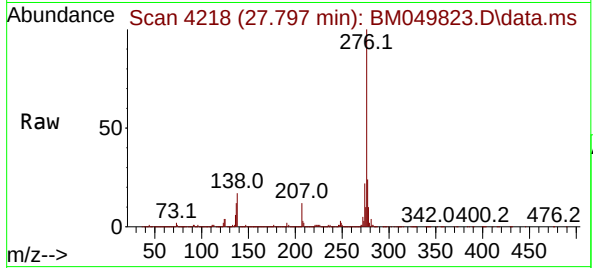
Tgt Ion:264 Resp: 1548769
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.9 18.2 27.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.740 ng
RT: 27.797 min Scan# 4218
Delta R.T. -0.047 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

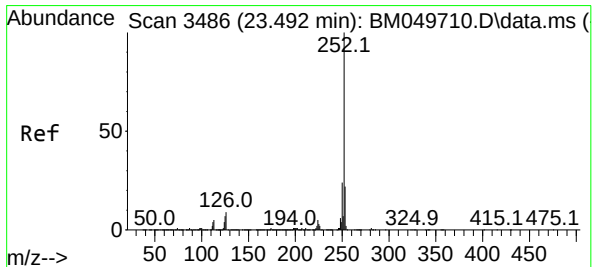
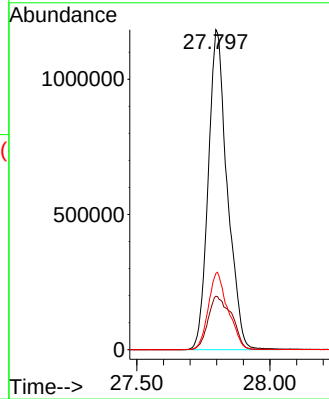
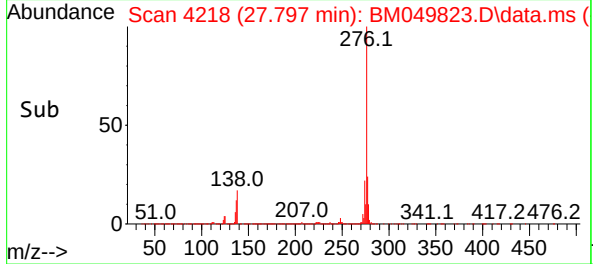
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:276 Resp: 5879070
Ion Ratio Lower Upper
276 100
138 20.6 16.3 24.5
277 25.0 19.9 29.9

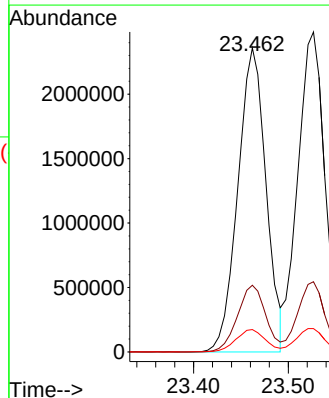
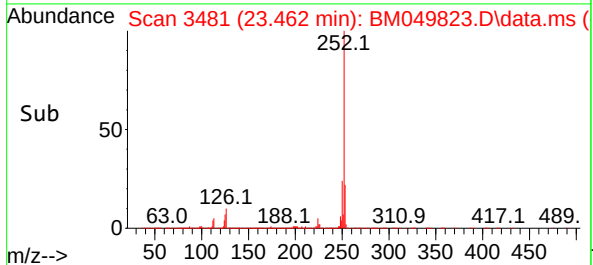
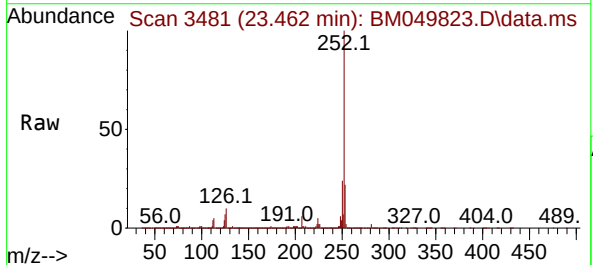
Manual Integrations
APPROVED

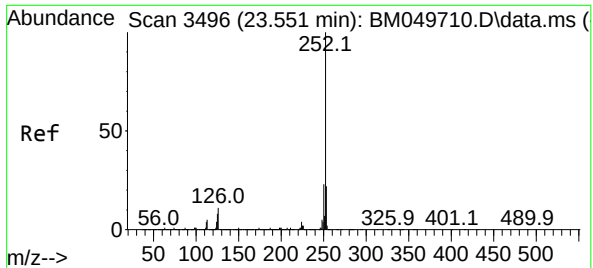
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#88
Benzo(b)fluoranthene
Concen: 46.691 ng
RT: 23.462 min Scan# 3481
Delta R.T. -0.030 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

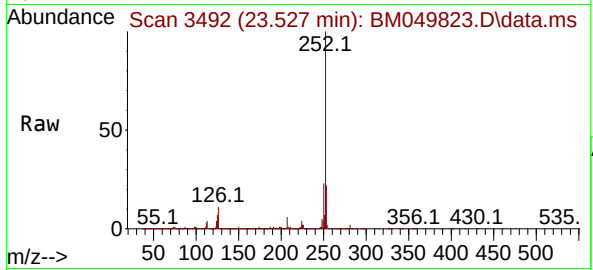
Tgt Ion:252 Resp: 4870557
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 7.4 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 48.151 ng
RT: 23.527 min Scan# 3496
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

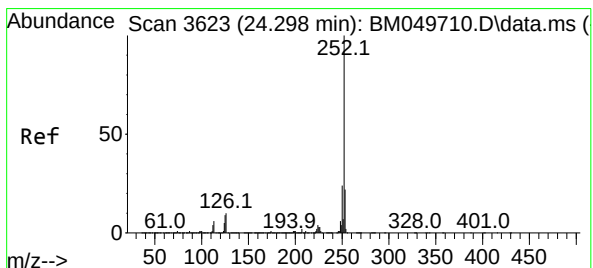
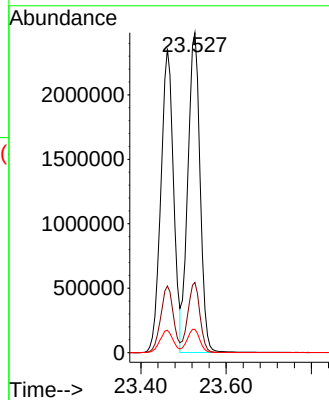
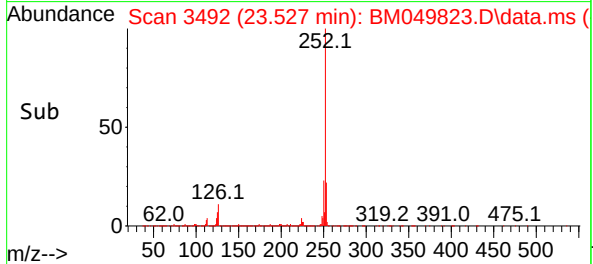
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:252 Resp: 4942475
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 7.3 6.2 9.2

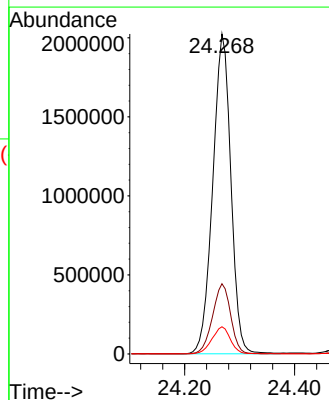
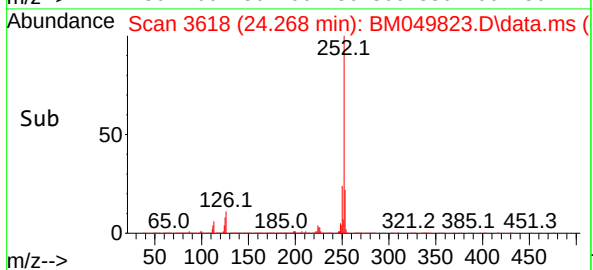
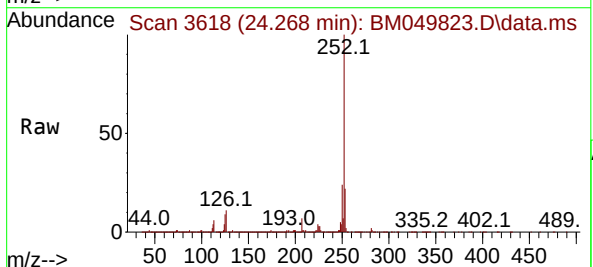
Manual Integrations
APPROVED

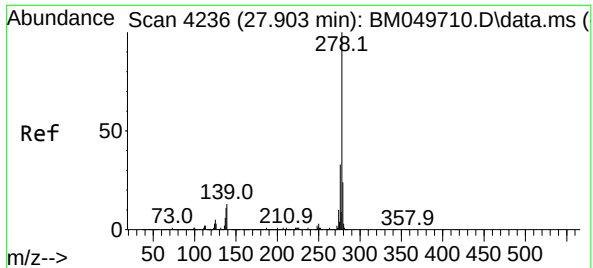
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#90
Benzo(a)pyrene
Concen: 52.847 ng
RT: 24.268 min Scan# 3618
Delta R.T. -0.030 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

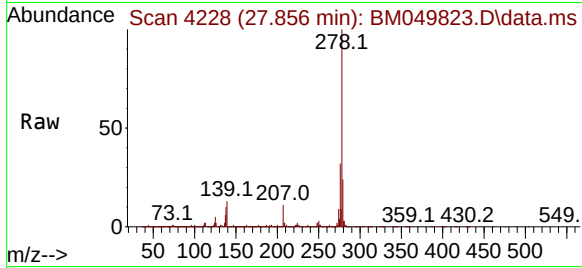
Tgt Ion:252 Resp: 4630511
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.5 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 52.060 ng
RT: 27.856 min Scan# 4399
Delta R.T. -0.047 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

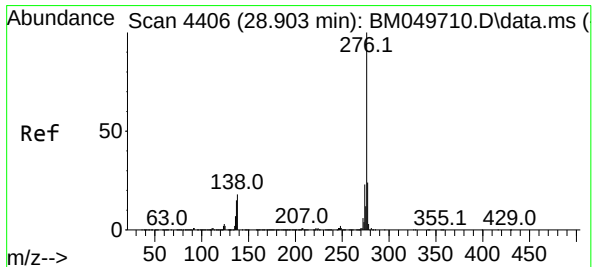
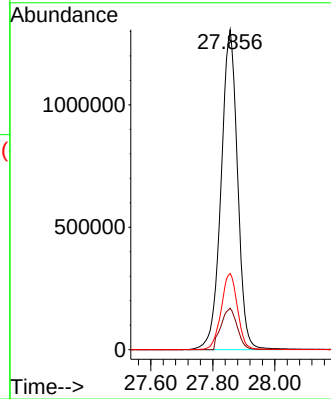
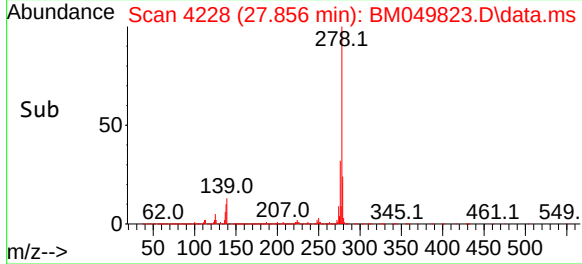
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:278 Resp: 4835039
Ion Ratio Lower Upper
278 100
139 13.0 10.1 15.1
279 23.8 19.1 28.7

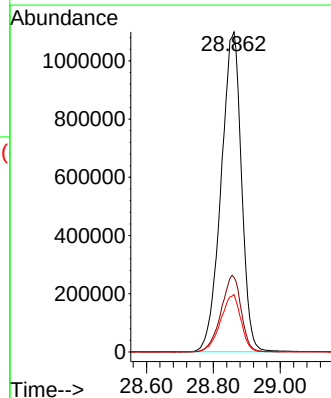
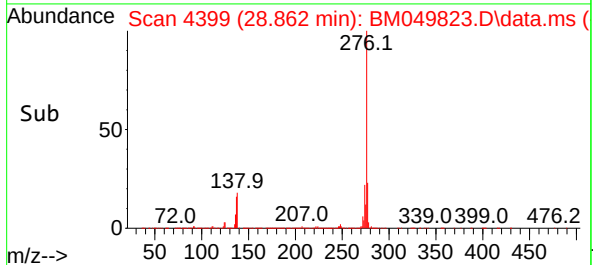
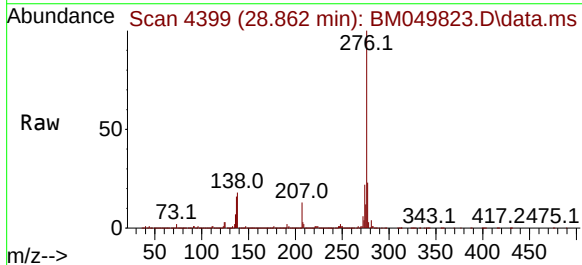
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#92
Benzo(g,h,i)perylene
Concen: 49.559 ng
RT: 28.862 min Scan# 4399
Delta R.T. -0.042 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Tgt Ion:276 Resp: 4636283
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 18.0 14.0 21.0



Manual Integration Report

Sequence:

BM031325

Instrument

BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM049707.D	Acenaphthene	anahy	3/14/2025 4:37:23 PM	Jagrut	3/14/2025 4:41:35 PM	Peak Integrated by Software
SSTDICC010	BM049708.D	Acenaphthene	anahy	3/14/2025 4:38:02 PM	Jagrut	3/14/2025 4:41:38 PM	Peak Integrated by Software
SSTDICC010	BM049708.D	Benzoic acid	anahy	3/14/2025 4:38:02 PM	Jagrut	3/14/2025 4:41:38 PM	Peak Integrated by Software
SSTDICC050	BM049711.D	Pyridine	anahy	3/14/2025 4:38:46 PM	Jagrut	3/14/2025 4:41:41 PM	Peak Integrated by Software
SSTDICC060	BM049712.D	Pyridine	anahy	3/14/2025 4:39:20 PM	Jagrut	3/14/2025 4:41:43 PM	Peak Integrated by Software
SSTDICC080	BM049713.D	Pyridine	anahy	3/14/2025 4:39:55 PM	Jagrut	3/14/2025 4:41:46 PM	Peak Integrated by Software
SSTDICV040	BM049714.D	Pyridine	anahy	3/14/2025 4:40:27 PM	Jagrut	3/14/2025 4:41:48 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

bm040325

Instrument

BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1698-07	BM049809.D	Benzo(k)fluoranthene	Rahul	4/4/2025 12:24:30 PM	Jagrut	4/4/2025 12:43:59 PM	Peak Integrated by Software
Q1698-07	BM049809.D	Chrysene	Rahul	4/4/2025 12:24:30 PM	Jagrut	4/4/2025 12:43:59 PM	Peak Integrated by Software
Q1698-01	BM049813.D	Benzo(k)fluoranthene	Rahul	4/4/2025 12:24:43 PM	Jagrut	4/4/2025 12:44:09 PM	Peak Integrated by Software
Q1698-01	BM049813.D	Phenanthrene	Rahul	4/4/2025 12:24:43 PM	Jagrut	4/4/2025 12:44:09 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	bm040425	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM049817.D	Benzoic acid	anahy	4/7/2025 10:52:56 AM	Jagrut	4/7/2025 4:07:59 PM	Peak Integrated by Software
PB167436BS	BM049819.D	2,2"-oxybis(1-Chloropropane)	anahy	4/7/2025 10:53:54 AM	Jagrut	4/7/2025 4:08:02 PM	Peak Integrated by Software
PB167436BS	BM049819.D	Benzoic acid	anahy	4/7/2025 10:53:54 AM	Jagrut	4/7/2025 4:08:02 PM	Peak Integrated by Software
Q1694-01MSD	BM049823.D	2,2"-oxybis(1-Chloropropane)	anahy	4/7/2025 11:02:43 AM	Jagrut	4/7/2025 4:08:11 PM	Peak Integrated by Software
Q1698-01DL	BM049825.D	Benzo(k)fluoranthene	anahy	4/7/2025 11:04:34 AM	Jagrut	4/7/2025 4:08:16 PM	Peak Integrated by Software
Q1698-01DL	BM049825.D	Chrysene	anahy	4/7/2025 11:04:34 AM	Jagrut	4/7/2025 4:08:16 PM	Peak Integrated by Software

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM031325

Review By	anahy	Review On	3/14/2025 4:40:45 PM
Supervise By	Jagrut	Supervise On	3/14/2025 4:41:58 PM
SubDirectory	BM031325	HP Acquire Method	BNA_M
		HP Processing Method	bm031325
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12655,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM049705.D	13 Mar 2025 08:24	RC/JU	Ok
2	SSTDICC2.5	BM049706.D	13 Mar 2025 09:02	RC/JU	Ok
3	SSTDICC005	BM049707.D	13 Mar 2025 09:42	RC/JU	Ok,M
4	SSTDICC010	BM049708.D	13 Mar 2025 10:21	RC/JU	Ok,M
5	SSTDICC020	BM049709.D	13 Mar 2025 11:00	RC/JU	Ok
6	SSTDICCC040	BM049710.D	13 Mar 2025 11:39	RC/JU	Ok
7	SSTDICC050	BM049711.D	13 Mar 2025 12:19	RC/JU	Ok,M
8	SSTDICC060	BM049712.D	13 Mar 2025 12:58	RC/JU	Ok,M
9	SSTDICC080	BM049713.D	13 Mar 2025 13:37	RC/JU	Ok,M
10	SSTDICV040	BM049714.D	13 Mar 2025 14:41	RC/JU	Ok,M
11	PB167097BL	BM049715.D	13 Mar 2025 15:20	RC/JU	Ok
12	Q1502-22	BM049716.D	13 Mar 2025 16:00	RC/JU	Not Ok

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM040325

Review By	Rahul	Review On	4/4/2025 12:25:23 PM		
Supervise By	Jagrut	Supervise On	4/4/2025 12:44:40 PM		
SubDirectory	BM040325	HP Acquire Method	BNA_M	HP Processing Method	bm031325
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12657,10ul/1000ul sample			
ICV/I.BLK		SP6686			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM049799.D	03 Apr 2025 10:38	RC/JU	Ok
2	SSTDCCC040	BM049800.D	03 Apr 2025 11:17	RC/JU	Ok
3	PB167428BL	BM049801.D	03 Apr 2025 11:56	RC/JU	Ok
4	PB167406BL	BM049802.D	03 Apr 2025 12:35	RC/JU	Ok
5	PB167428BS	BM049803.D	03 Apr 2025 13:14	RC/JU	Not Ok
6	Q1693-01	BM049804.D	03 Apr 2025 13:58	RC/JU	Ok
7	Q1693-05	BM049805.D	03 Apr 2025 14:37	RC/JU	Ok,M
8	Q1693-05MS	BM049806.D	03 Apr 2025 15:16	RC/JU	Ok,M
9	Q1693-05MSD	BM049807.D	03 Apr 2025 15:55	RC/JU	Ok,M
10	Q1693-09	BM049808.D	03 Apr 2025 16:35	RC/JU	Ok
11	Q1698-07	BM049809.D	03 Apr 2025 17:14	RC/JU	Ok,M
12	Q1695-05	BM049810.D	03 Apr 2025 17:53	RC/JU	Ok,M
13	Q1706-01	BM049811.D	03 Apr 2025 18:32	RC/JU	Ok,M
14	Q1706-03	BM049812.D	03 Apr 2025 19:11	RC/JU	Ok,M
15	Q1698-01	BM049813.D	03 Apr 2025 19:50	RC/JU	Dilution
16	Q1695-01	BM049814.D	03 Apr 2025 20:30	RC/JU	Ok,M
17	Q1684-01	BM049815.D	03 Apr 2025 21:09	RC/JU	Dilution

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM040425

Review By	anahy	Review On	4/7/2025 11:10:57 AM		
Supervise By	Jagrut	Supervise On	4/7/2025 4:08:46 PM		
SubDirectory	BM040425	HP Acquire Method	BNA_M	HP Processing Method	bm031325
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12657,10ul/1000ul sample			
ICV/I.BLK		SP6686			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM049816.D	04 Apr 2025 08:41	RC/JU	Ok
2	SSTDCCC040	BM049817.D	04 Apr 2025 10:38	RC/JU	Ok,M
3	PB167436BL	BM049818.D	04 Apr 2025 11:17	RC/JU	Ok
4	PB167436BS	BM049819.D	04 Apr 2025 11:56	RC/JU	Ok,M
5	PB167428BS	BM049820.D	04 Apr 2025 12:35	RC/JU	Ok,M
6	Q1694-01	BM049821.D	04 Apr 2025 13:25	RC/JU	Ok
7	Q1694-01MS	BM049822.D	04 Apr 2025 14:04	RC/JU	Not Ok
8	Q1694-01MSD	BM049823.D	04 Apr 2025 14:43	RC/JU	Ok,M
9	Q1684-01DL	BM049824.D	04 Apr 2025 15:22	RC/JU	Ok,M
10	Q1698-01DL	BM049825.D	04 Apr 2025 16:01	RC/JU	Ok,M
11	Q1712-01	BM049826.D	04 Apr 2025 16:40	RC/JU	Dilution
12	Q1721-02	BM049827.D	04 Apr 2025 17:19	RC/JU	Ok,M
13	Q1712-05	BM049828.D	04 Apr 2025 17:58	RC/JU	Ok,M
14	Q1721-02MS	BM049829.D	04 Apr 2025 18:37	RC/JU	Not Ok
15	Q1721-02MSD	BM049830.D	04 Apr 2025 19:16	RC/JU	Not Ok
16	Q1694-01MS	BM049831.D	04 Apr 2025 19:56	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM031325

Review By	anahy	Review On	3/14/2025 4:40:45 PM
Supervise By	Jagrut	Supervise On	3/14/2025 4:41:58 PM
SubDirectory	BM031325	HP Acquire Method	BNA_M
		HP Processing Method	bm031325

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12655,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM049705.D	13 Mar 2025 08:24		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM049706.D	13 Mar 2025 09:02		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM049707.D	13 Mar 2025 09:42	Compound#9,32,54,56,65,70,77, 82,85 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM049708.D	13 Mar 2025 10:21		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM049709.D	13 Mar 2025 11:00		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BM049710.D	13 Mar 2025 11:39	Compound#62 Kept on LR & 54,65 Kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BM049711.D	13 Mar 2025 12:19		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BM049712.D	13 Mar 2025 12:58	Compound#69 removed from 60 ppm	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BM049713.D	13 Mar 2025 13:37	Compound#9,42,69 removed from 80 ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBM031325	BM049714.D	13 Mar 2025 14:41		RC/JU	Ok,M
11	PB167097BL	PB167097BL	BM049715.D	13 Mar 2025 15:20	Use for DOD Projects only	RC/JU	Ok
12	Q1502-22	RR-TRIAZINE-WP	BM049716.D	13 Mar 2025 16:00	PT Sample - Already analyzed.	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM040325

Review By	Rahul	Review On	4/4/2025 12:25:23 PM
Supervise By	Jagrut	Supervise On	4/4/2025 12:44:40 PM
SubDirectory	BM040325	HP Acquire Method	BNA_M
		HP Processing Method	bm031325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12657,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM049799.D	03 Apr 2025 10:38		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM049800.D	03 Apr 2025 11:17		RC/JU	Ok
3	PB167428BL	PB167428BL	BM049801.D	03 Apr 2025 11:56		RC/JU	Ok
4	PB167406BL	PB167406BL	BM049802.D	03 Apr 2025 12:35		RC/JU	Ok
5	PB167428BS	PB167428BS	BM049803.D	03 Apr 2025 13:14	Surrogate Fail	RC/JU	Not Ok
6	Q1693-01	WCS-TP-3	BM049804.D	03 Apr 2025 13:58		RC/JU	Ok
7	Q1693-05	WCS-TP-2	BM049805.D	03 Apr 2025 14:37		RC/JU	Ok,M
8	Q1693-05MS	WCS-TP-2MS	BM049806.D	03 Apr 2025 15:16		RC/JU	Ok,M
9	Q1693-05MSD	WCS-TP-2MSD	BM049807.D	03 Apr 2025 15:55		RC/JU	Ok,M
10	Q1693-09	WCS-TP-1	BM049808.D	03 Apr 2025 16:35		RC/JU	Ok
11	Q1698-07	B-10	BM049809.D	03 Apr 2025 17:14		RC/JU	Ok,M
12	Q1695-05	TT-3	BM049810.D	03 Apr 2025 17:53		RC/JU	Ok,M
13	Q1706-01	PL-01-040225	BM049811.D	03 Apr 2025 18:32		RC/JU	Ok,M
14	Q1706-03	PL-02-040225	BM049812.D	03 Apr 2025 19:11		RC/JU	Ok,M
15	Q1698-01	B-9	BM049813.D	03 Apr 2025 19:50	Need further 5X Dilution	RC/JU	Dilution
16	Q1695-01	TT-2	BM049814.D	03 Apr 2025 20:30		RC/JU	Ok,M
17	Q1684-01	SU-04-040125	BM049815.D	03 Apr 2025 21:09	Need further 5X Dilution	RC/JU	Dilution

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM040425

Review By	anahy	Review On	4/7/2025 11:10:57 AM		
Supervise By	Jagrut	Supervise On	4/7/2025 4:08:46 PM		
SubDirectory	BM040425	HP Acquire Method	BNA_M	HP Processing Method	bm031325
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12657,10ul/1000ul sample			
ICV/I.BLK		SP6686			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM049816.D	04 Apr 2025 08:41		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM049817.D	04 Apr 2025 10:38		RC/JU	Ok,M
3	PB167436BL	PB167436BL	BM049818.D	04 Apr 2025 11:17		RC/JU	Ok
4	PB167436BS	PB167436BS	BM049819.D	04 Apr 2025 11:56		RC/JU	Ok,M
5	PB167428BS	PB167428BS	BM049820.D	04 Apr 2025 12:35		RC/JU	Ok,M
6	Q1694-01	TP-18	BM049821.D	04 Apr 2025 13:25		RC/JU	Ok
7	Q1694-01MS	TP-18MS	BM049822.D	04 Apr 2025 14:04		RC/JU	Not Ok
8	Q1694-01MSD	TP-18MSD	BM049823.D	04 Apr 2025 14:43		RC/JU	Ok,M
9	Q1684-01DL	SU-04-040125DL	BM049824.D	04 Apr 2025 15:22		RC/JU	Ok,M
10	Q1698-01DL	B-9DL	BM049825.D	04 Apr 2025 16:01		RC/JU	Ok,M
11	Q1712-01	Z-05A	BM049826.D	04 Apr 2025 16:40	Need further 5X Dilution	RC/JU	Dilution
12	Q1721-02	AU-05-040325	BM049827.D	04 Apr 2025 17:19		RC/JU	Ok,M
13	Q1712-05	TT-7	BM049828.D	04 Apr 2025 17:58		RC/JU	Ok,M
14	Q1721-02MS	AU-05-040325MS	BM049829.D	04 Apr 2025 18:37		RC/JU	Not Ok
15	Q1721-02MSD	AU-05-040325MSD	BM049830.D	04 Apr 2025 19:16		RC/JU	Not Ok
16	Q1694-01MS	TP-18MS	BM049831.D	04 Apr 2025 19:56		RC/JU	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:05
In Date: 04/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:17
Out Date: 04/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135267

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1694-01	TP-18	1	1.13	10.64	11.77	10.5	88.1	
Q1694-02	TP-18-EPH	2	1.13	10.64	11.77	9.5	78.7	
Q1694-03	TP-18-VOC	3	1.15	10.40	11.55	10.11	86.2	
Q1695-01	TT-2	4	1.14	10.33	11.47	10.21	87.8	
Q1695-02	TT-2-EPH	5	1.16	10.08	11.24	9.91	86.8	
Q1695-03	TT-2-VOC	6	1.19	10.43	11.62	10.37	88.0	
Q1695-05	TT-3	7	1.14	10.49	11.63	10.72	91.3	
Q1695-06	TT-3-EPH	8	1.19	10.73	11.92	11.01	91.5	
Q1695-07	TT-3-VOC	9	1.16	10.29	11.45	10.47	90.5	
Q1698-01	B-9	10	1.14	10.39	11.53	10.8	93.0	
Q1698-03	B-9	11	1.15	10.39	11.54	10.77	92.6	
Q1698-04	B-9-TPH-2	12	1.19	10.10	11.29	10.51	92.3	
Q1698-05	B-9-TPH-3	13	1.12	10.06	11.18	10.34	91.7	
Q1698-06	B-9-TPH-4	14	1.15	10.34	11.49	10.66	92.0	
Q1698-07	B-10	15	1.14	10.59	11.73	11.03	93.4	
Q1698-09	B-10	16	1.12	10.30	11.42	10.71	93.1	
Q1698-10	B-10-TPH-2	17	1.13	10.71	11.84	11.18	93.8	
Q1698-11	B-10-TPH-3	18	1.14	10.29	11.43	10.73	93.2	
Q1698-12	B-10-TPH-4	19	1.18	10.37	11.55	10.77	92.5	
Q1699-01	34882	20	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1701-01	4225-A	21	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1701-02	4225-B	22	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1701-03	32825-A	23	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1701-04	32825-B	24	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1705-01	ETGI-327	25	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1705-02	ETGI-275	26	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1706-01	PL-01-040225	27	1.13	10.28	11.41	10.37	89.9	
Q1706-02	PL-01-040225-E2	28	1.14	10.39	11.53	10.46	89.7	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:05
In Date: 04/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:17
Out Date: 04/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135267

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q1706-03	PL-02-040225	29	1.16	10.61	11.77	10.63	89.3	
Q1706-04	PL-02-040225-E2	30	1.13	10.37	11.5	10.32	88.6	
Q1708-01	QQ3	31	1.00	1.00	2.00	2.00	100.0	
Q1709-01	4125-A	32	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1709-02	4125-B	33	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1709-03	4125-C	34	1.00	1.00	2.00	2.00	100.0	wipe sample

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

U135267

WorkList Name : %1-040225

WorkList ID : 188677

Department : Wet-Chemistry

Date : 04-02-2025 09:33:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1708-01	QQ3	Solid	Percent Solids	Cool 4 deg C	ALLI03		04/02/2025	Chemtech -SO
Q1698-01	B-9	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-03	B-9	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-04	B-9-TPH-2	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-05	B-9-TPH-3	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-06	B-9-TPH-4	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-07	B-10	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-09	B-10	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-10	B-10-TPH-2	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-11	B-10-TPH-3	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-12	B-10-TPH-4	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1694-01	TP-18	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1694-02	TP-18-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/01/2025	Chemtech -SO
Q1694-03	TP-18-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/01/2025	Chemtech -SO
Q1695-01	TT-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/01/2025	Chemtech -SO
Q1695-02	TT-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/02/2025	Chemtech -SO
Q1695-03	TT-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/02/2025	Chemtech -SO
Q1709-03	4125-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/02/2025	Chemtech -SO
Q1701-03	32825-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/02/2025	Chemtech -SO
Q1701-04	32825-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	04/02/2025	Chemtech -SO
Q1705-01	ETGI-327	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	04/02/2025	Chemtech -SO
					PSEG03	L12	04/02/2025	Chemtech -SO

Date/Time 64102125 15:30

Raw Sample Received by: JH (WOC)

Raw Sample Relinquished by: JD (CSM)

Date/Time 04102125 17:10

Raw Sample Received by: JH (CSM)

Raw Sample Relinquished by: JH (WOC)

WORKLIST(Hardcopy Internal Chain)

135267

WorkList Name : %1-040225

WorkList ID : 188677

Department : Wet-Chemistry

Date : 04-02-2025 09:33:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1705-02	ETGI-275	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/02/2025	Chemtech -SO
Q1709-01	4125-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/02/2025	Chemtech -SO
Q1709-02	4125-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/02/2025	Chemtech -SO
Q1695-05	TT-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/02/2025	Chemtech -SO
Q1695-06	TT-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/02/2025	Chemtech -SO
Q1695-07	TT-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/02/2025	Chemtech -SO
Q1699-01	34882	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/02/2025	Chemtech -SO
Q1701-01	4225-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	04/02/2025	Chemtech -SO
Q1701-02	4225-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	04/02/2025	Chemtech -SO
Q1706-01	PL-01-040225	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	04/02/2025	Chemtech -SO
Q1706-02	PL-01-040225-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	04/02/2025	Chemtech -SO
Q1706-03	PL-02-040225	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	04/02/2025	Chemtech -SO
Q1706-04	PL-02-040225-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	04/02/2025	Chemtech -SO

Date/Time 04/02/25 15:30

Raw Sample Received by: SR

Raw Sample Relinquished by: JD (SM)

Date/Time 04/02/25 17:10

Raw Sample Received by: JDC (SM)

Raw Sample Relinquished by: JDC (SM)

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A **Extraction Start Date :** 04/03/2025

Matrix : Solid **Extraction Start Time :** 09:25

Weigh By: EH **Extraction By:** RJ **Extraction End Date :** 04/03/2025

Balance check: RJ **Filter By:** RJ **Extraction End Time :** 12:25

Balance ID: EX-SC-2 **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: N/A **Hood ID:** 3,7 **Supervisor By :** rajesh

Extraction Method: ☐ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2591
Baked Na2SO4	N/A	EP2597
Sand	N/A	EP2865
Methylene Chloride	N/A	E3904
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673.

KD Bath ID: N/A **Envap ID:** NEVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/03/25 12:30	RP (Ext. Lab)	Re/sroc
	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 04/03/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167436BL	SBLK436	SVOC-PAH	30.03	N/A	ritesh	Evelyn	1			U2-1
PB167436BS	SLCS436	SVOC-PAH	30.02	N/A	ritesh	Evelyn	1			2
Q1694-01	TP-18	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		3
Q1694-01MS	TP-18MS	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		4
Q1694-01MS D	TP-18MSD	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		5
Q1695-01	TT-2	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		6
Q1695-05	TT-3	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	D		U6-1
Q1698-01	B-9	SVOC-PAH	30.06	N/A	ritesh	Evelyn	1	E		2
Q1698-07	B-10	SVOC-PAH	30.02	N/A	ritesh	Evelyn	1	E		3
Q1705-01	ETGI-327	SVOC-PAH	50.02	N/A	ritesh	Evelyn	1	D	Concrete	4
Q1705-02	ETGI-275	SVOC-PAH	50.08	N/A	ritesh	Evelyn	1	D	Concrete	5
Q1706-01	PL-01-040225	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	D		6
Q1706-03	PL-02-040225	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	D		U3-1

* Extracts relinquished on the same date as received.



WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1698

WorkList ID : 188694

Department : Extraction

Date : 04-03-2025 08:09:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1694-01	TP-18	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	I41	04/01/2025	8270E
Q1695-01	TT-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	I41	04/02/2025	8270E
Q1695-05	TT-3	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	I41	04/02/2025	8270E
Q1698-01	B-9	Solid	SVOC-PAH	Cool 4 deg C	TULL02	I41	04/02/2025	8270E
Q1698-07	B-10	Solid	SVOC-PAH	Cool 4 deg C	TULL02	I41	04/02/2025	8270E
Q1705-01	ETGI-327	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	L12	04/02/2025	8270E
Q1705-02	ETGI-275	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	L12	04/02/2025	8270E
Q1706-01	PL-01-040225	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	I31	04/02/2025	8270E
Q1706-03	PL-02-040225	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	I31	04/02/2025	8270E

Date/Time 04/03/25 9:20
 Raw Sample Received by: RJ (RJL) (as)
 Raw Sample Relinquished by: JD (JD)

Date/Time 04/03/25 10:00
 Raw Sample Received by: JDC (JDC)
 Raw Sample Relinquished by: RJ (RJL) (as)



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.

QUOTE NO.

COC Number

2045926

Q1698

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Tully Construction Co. Inc

ADDRESS: Rockway Freeway & Beach Channel

CITY: Queens STATE: NY ZIP: 11666

ATTENTION: Dean Devoe

PHONE:

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME:

PROJECT NO.: LOCATION:

PROJECT MANAGER:

e-mail:

PHONE:

FAX:

BILL TO:

PO#:

ADDRESS:

CITY

STATE:

ZIP:

ATTENTION:

PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*

HARDCOPY (DATA PACKAGE): DAYS*

EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data ☐ Other

☐ EDD FORMAT

1: Vol's 2: SWA, PCB 3: TAP Extraction 4: Corrosivity 5: Ignitability 6: Reactivity Cyn 7: Reactive Sulfate 8: Mercury Metals 9: TPH

PRESERVATIVES

COMMENTS

← Specify Preservatives

A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E/F	E	E	E	E	E	E	E	E	
1.	B-9	SOL	X		040225	0810	8		X	X	X	X	X	X	X	X	
2.	B-9			X		0815	4	X									0.0 ppm
3.	B-9-TPH-2		X			0817	1									X	
4.	B-9-TPH-3		X			0819	1									X	
5.	B-9-TPH-4		X			0822	1									X	
6.	B-10		X			0835	8		X	X	X	X	X	X	X	X	
7.	B-10			X		0839	4	X									0.0 ppm
8.	B-10-TPH-2		X			0842	1									X	
9.	B-10-TPH-3		X			0845	1									X	
10.	B-10-TPH-4		X			0848	1									X	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME: 0930	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 2.2 °C
1.	04-02-25	1.	Comments: Collected (2) 8:1 Composite sample + (4) 5:1 Composite samples for sampling protocol TPH.
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME: 1200	RECEIVED BY:	PIO Calibration 04-02-25
3.	04-02-25	3.	CLIENT: ☐ Hand Delivered ☐ Other
			Shipment Complete ☒ YES ☐ NO

Page 1 of 1

04-02-25



Legend

 Boring Location

 Approximate Property Boundary

0 95 190 380 570
Feet

MATRIXNEWORLD
Engineering Progress

Matrix New World Engineering, Land Surveying
and Landscape Architecture, P.C.
333 West 39th Street, Suite 202
New York, New York 10018
WBE / DBE / SBE
STATE OF NEW YORK CERTIFICATE OF AUTHORIZATION No. 17-082661

Tel: 973-240-1800
Fax: 973-240-1818
www.matrixnewworld.com

AS DRILLED BORING LOCATION MAP

SUBSTATION 117
ROCKAWAY FREEWAY & BEACH CHANNEL DRIVE
BLOCK 16186, LOT 100
ROCKAWAY PARK, QUEENS, NEW YORK

JUNE 2019

FIGURE 4

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: _____ Chemtech Order ID: _____
Service Order #: _____ Sampler Name: Jeremy M
Work Order #: _____ Client Project Coordinator & Phone: Dean Devoe
Labor WBS #: _____ Page #: 1 of 1
Facility/Site: Substation 117 Date: 04-02-25
Site Address: Lockway freeway & Arrive Time: 0800
Beach Channel Dr, Queens NY Depart Time: 0930

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths: N/A Dimensions/CY: N/A

Temp (range): 2-2 °C PID Readings (range): 0.0 PPM Odor: Y N Color: Y N

Sample Description: Dark Brown Soil, Sand, Gravel.

Field Observations: (2) location (B-9 & B10)

Grid/Area Composite Map:

QA Control # A3041134

See

Attached

MAP *

Sampler Signature: pm

Client Signature: _____

Supervisor Review/Date: _____

Date/Time Arrived at Lab: _____

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1698	TULL02	Order Date : 4/2/2025 12:14:00 PM	Project Mgr :
Client Name : Tully Construction Co., Inc.		Project Name : MTA Rockaway Park	Report Type : Level 1
Client Contact : Dean Devoe		Receive DateTime : 4/2/2025 12:00:00 PM	EDD Type : Excel NY 375
Invoice Name : Tully Construction Co., Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Dean Devoe			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1698-03	B-9	Solid	04/02/2025	08:15					
					VOC-TCLVOA-10		8260D	5 Bus. Days	
Q1698-09	B-10	Solid	04/02/2025	08:39					
					VOC-TCLVOA-10		8260D	5 Bus. Days	

Relinquished By :

21

Date / Time :

04-02-25 1330

Received By :

Date / Time :

pl
04.02.25 13:30

Storage Area : VOA Refridgerator Room