

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technicle Group LLC Client : G Environmental
 Project Location : NJ Project Number : _____
 Laboratory Sample ID(s) : Q2134 Sampling Date(s) : 5/27/2025
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **6010D,8260-Low,8270E,SOP**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☒ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☒ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☒ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☒ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☒ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☒ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☒ Yes ☐ No ☒ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☒ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☒ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."

Cover Page

Order ID : Q2134

Project ID : DPW

Client : G Environmental

Lab Sample Number

Q2134-01

Client Sample Number

MW10

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

Signature : _____

Date: 6/5/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

CASE NARRATIVE

G Environmental

Project Name: DPW

Project # N/A

Order ID # Q2134

Test Name: SVOCMS Group2

A. Number of Samples and Date of Receipt:

1 Water sample was received on 05/28/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Metals Group3, SVOCMS Group2 and VOCMS Group2. This data package contains results for SVOCMS Group2.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The analysis of SVOCMS Group2 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike for {PB168235BS} with File ID: BF142595.D met requirements for all samples except for 3,3-Dichlorobenzidine[53%], 3-Nitroaniline[54%] and 4-Chloroaniline[36%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Blank Spike Duplicate for {PB168235BSD} with File ID: BF142596.D met requirements for all samples except for 3,3-Dichlorobenzidine[52%], 3-Nitroaniline[52%] and 4-Chloroaniline[36%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.



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E. Additional Comments:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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 #: Q2134

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: SOHIL JODHANI

Date: 06/05/2025

LAB CHRONICLE

OrderID:	Q2134	OrderDate:	5/28/2025 11:45:10 AM
Client:	G Environmental	Project:	DPW
Contact:	Gary Landis	Location:	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2134-01	MW10	Water	SVOCMS Group2	8270E	05/27/25	05/30/25	06/02/25	05/28/25

Hit Summary Sheet SW-846

SDG No.: Q2134
Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW10									
Q2134-01	MW10	WATER	Naphthalene		8.400		0.51	5.1	ug/L
Q2134-01	MW10	WATER	Caprolactam		7.400	J	1.2	10.2	ug/L
			Total Svoc :				15.80		
Q2134-01	MW10	WATER	Benzene, (1-methylethyl)-	*	11.700	J	0	0	ug/L
Q2134-01	MW10	WATER	Benzene, 1,2,3,4-tetramethyl-	*	8.100	J	0	0	ug/L
Q2134-01	MW10	WATER	Benzene, 1,3-diethyl-	*	23.500	J	0	0	ug/L
Q2134-01	MW10	WATER	Benzene, 1,4-diethyl-	*	23.700	J	0	0	ug/L
Q2134-01	MW10	WATER	Benzene, 1-ethyl-3-methyl-	*	8.700	J	0	0	ug/L
Q2134-01	MW10	WATER	Benzene, 1-methyl-4-propyl-	*	7.100	J	0	0	ug/L
Q2134-01	MW10	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	19.300	J	0	0	ug/L
Q2134-01	MW10	WATER	Benzene, 2-ethyl-1,4-dimethyl-	*	20.400	J	0	0	ug/L
Q2134-01	MW10	WATER	Benzophenone	*	6.800	J	0	0	ug/L
Q2134-01	MW10	WATER	1H-Indene, 2,3-dihydro-5-methyl-	*	10.100	J	0	0	ug/L
Q2134-01	MW10	WATER	Cyclopentene, 1,2,3-trimethyl-	*	7.400	J	0	0	ug/L
Q2134-01	MW10	WATER	Indane	*	34.900	J	0	0	ug/L
Q2134-01	MW10	WATER	n-Hexadecanoic acid	*	21.700	J	0	0	ug/L
Q2134-01	MW10	WATER	Octadecanoic acid	*	10.900	J	0	0	ug/L
Q2134-01	MW10	WATER	Phenethylamine, N-benzyl-p-chloro-	*	13.900	J	0	0	ug/L
Q2134-01	MW10	WATER	1-Methylnaphthalene	*	5.100	J	0.67	5.1	ug/L
			Total Tics :				233.30		
			Total Concentration:				249.10		



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2134

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168235BL	PB168235BL	Nitrobenzene-d5	100	80.1	80		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.2	76		30 (52)	130 (132)
		Terphenyl-d14	100	77.1	77		30 (42)	130 (152)
PB168235BS	PB168235BS	Nitrobenzene-d5	100	76.2	76		30 (67)	130 (132)
		2-Fluorobiphenyl	100	72.0	72		30 (52)	130 (132)
		Terphenyl-d14	100	79.0	79		30 (42)	130 (152)
PB168235BSD	PB168235BSD	Nitrobenzene-d5	100	73.1	73		30 (67)	130 (132)
		2-Fluorobiphenyl	100	69.6	70		30 (52)	130 (132)
		Terphenyl-d14	100	75.7	76		30 (42)	130 (152)
Q2134-01	MW10	Nitrobenzene-d5	100	74.4	74		30 (67)	130 (132)
		2-Fluorobiphenyl	100	72.7	73		30 (52)	130 (132)
		Terphenyl-d14	100	58.7	59		30 (42)	130 (152)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2134

Client: G Environmental

Analytical Method: 8270E

DataFile: BF142595.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168235BS	Benzaldehyde	50	34.3	ug/L	69				20 (10)	160 (162)	
	bis(2-Chloroethyl)ether	50	43.4	ug/L	87				70 (62)	130 (103)	
	2,2-oxybis(1-Chloropropane)	50	42.6	ug/L	85				70 (65)	130 (100)	
	Acetophenone	50	41.7	ug/L	83				70 (60)	130 (104)	
	N-Nitroso-di-n-propylamine	50	41.3	ug/L	83				70 (57)	130 (107)	
	Hexachloroethane	50	41.6	ug/L	83				20 (76)	160 (118)	
	Nitrobenzene	50	42.9	ug/L	86				70 (58)	130 (106)	
	Isophorone	50	42.2	ug/L	84				70 (61)	130 (102)	
	bis(2-Chloroethoxy)methane	50	42.9	ug/L	86				70 (58)	130 (109)	
	Naphthalene	50	42.4	ug/L	85				70 (64)	130 (107)	
	4-Chloroaniline	50	18.2	ug/L	36		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	40.9	ug/L	82				70 (69)	130 (101)	
	Caprolactam	50	51.7	ug/L	103				20 (58)	160 (128)	
	2-Methylnaphthalene	50	42.4	ug/L	85				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	80.7	ug/L	81				20 (36)	160 (160)	
	1,1-Biphenyl	50	42.2	ug/L	84				70 (72)	130 (98)	
	2-Chloronaphthalene	50	41.9	ug/L	84				70 (59)	130 (106)	
	2-Nitroaniline	50	45.1	ug/L	90				70 (73)	130 (114)	
	Dimethylphthalate	50	44.2	ug/L	88				70 (64)	130 (103)	
	Acenaphthylene	50	42.4	ug/L	85				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	45.7	ug/L	91				70 (64)	130 (110)	
	3-Nitroaniline	50	27.1	ug/L	54		*		70 (28)	130 (100)	
	Acenaphthene	50	46.3	ug/L	93				70 (59)	130 (113)	
	Dibenzofuran	50	42.4	ug/L	85				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	47.5	ug/L	95				70 (60)	130 (115)	
	Diethylphthalate	50	45.0	ug/L	90				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	42.6	ug/L	85				70 (61)	130 (104)	
	Fluorene	50	43.0	ug/L	86				70 (64)	130 (107)	
	4-Nitroaniline	50	48.5	ug/L	97				70 (55)	130 (125)	
	N-Nitrosodiphenylamine	50	42.5	ug/L	85				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	42.6	ug/L	85				70 (73)	130 (103)	
	Hexachlorobenzene	50	43.5	ug/L	87				70 (73)	130 (106)	
	Atrazine	50	49.3	ug/L	99				70 (76)	130 (120)	
	Phenanthrene	50	43.1	ug/L	86				70 (62)	130 (109)	
	Anthracene	50	43.2	ug/L	86				70 (65)	130 (110)	
	Carbazole	50	44.9	ug/L	90				70 (62)	130 (106)	
	Di-n-butylphthalate	50	47.1	ug/L	94				70 (64)	130 (106)	
	Fluoranthene	50	45.6	ug/L	91				70 (64)	130 (110)	
	Pyrene	50	45.2	ug/L	90				70 (71)	130 (103)	
	Butylbenzylphthalate	50	52.0	ug/L	104				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	26.6	ug/L	53		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	43.9	ug/L	88				70 (62)	130 (107)	
	Chrysene	50	45.7	ug/L	91				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	49.7	ug/L	99				70 (59)	130 (110)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2134

Client: G Environmental

Analytical Method: 8270E

DataFile: BF142595.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168235BS	Di-n-octyl phthalate	50	43.8	ug/L	88				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	46.9	ug/L	94				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	42.1	ug/L	84				70 (77)	130 (105)	
	Benzo(a)pyrene	50	45.0	ug/L	90				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	42.6	ug/L	85				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	43.1	ug/L	86				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	42.6	ug/L	85				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	41.5	ug/L	83				70 (72)	130 (101)	
	1,4-Dioxane	50	36.0	ug/L	72				20 (38)	160 (125)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2134

Client: G Environmental

Analytical Method: 8270E

DataFile: BF142596.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB168235BSD	Benzaldehyde	50	33.6	ug/L	67	2			20 (10)	160 (162)	20 (20)
	bis(2-Chloroethyl)ether	50	41.9	ug/L	84	4			70 (62)	130 (103)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	41.4	ug/L	83	3			70 (65)	130 (100)	20 (20)
	Acetophenone	50	40.5	ug/L	81	3			70 (60)	130 (104)	20 (20)
	N-Nitroso-di-n-propylamine	50	40.6	ug/L	81	2			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	40.3	ug/L	81	3			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	40.6	ug/L	81	6			70 (58)	130 (106)	20 (20)
	Isophorone	50	40.9	ug/L	82	3			70 (61)	130 (102)	20 (20)
	bis(2-Chloroethoxy)methane	50	41.5	ug/L	83	3			70 (58)	130 (109)	20 (20)
	Naphthalene	50	41.0	ug/L	82	3			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	18.1	ug/L	36	1	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	40.3	ug/L	81	1			70 (69)	130 (101)	20 (20)
	Caprolactam	50	49.3	ug/L	99	5			20 (58)	160 (128)	20 (20)
	2-Methylnaphthalene	50	40.6	ug/L	81	4			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	77.8	ug/L	78	4			20 (36)	160 (160)	20 (20)
	1,1-Biphenyl	50	40.5	ug/L	81	4			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	40.7	ug/L	81	3			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	43.4	ug/L	87	4			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	43.0	ug/L	86	3			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	41.1	ug/L	82	3			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	44.2	ug/L	88	3			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	26.1	ug/L	52	4	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	45.2	ug/L	90	2			70 (59)	130 (113)	20 (20)
	Dibenzofuran	50	41.2	ug/L	82	3			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	46.2	ug/L	92	3			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	43.1	ug/L	86	4			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	41.5	ug/L	83	3			70 (61)	130 (104)	20 (20)
	Fluorene	50	41.5	ug/L	83	4			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	45.9	ug/L	92	6			70 (55)	130 (125)	20 (20)
	N-Nitrosodiphenylamine	50	41.1	ug/L	82	3			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	41.0	ug/L	82	4			70 (73)	130 (103)	20 (20)
	Hexachlorobenzene	50	41.6	ug/L	83	4			70 (73)	130 (106)	20 (20)
	Atrazine	50	46.4	ug/L	93	6			70 (76)	130 (120)	20 (20)
	Phenanthrene	50	41.2	ug/L	82	5			70 (62)	130 (109)	20 (20)
	Anthracene	50	41.1	ug/L	82	5			70 (65)	130 (110)	20 (20)
	Carbazole	50	42.0	ug/L	84	7			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	44.2	ug/L	88	6			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	42.5	ug/L	85	7			70 (64)	130 (110)	20 (20)
	Pyrene	50	42.8	ug/L	86	5			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	49.3	ug/L	99	5			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	26.2	ug/L	52	2	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	42.5	ug/L	85	3			70 (62)	130 (107)	20 (20)
	Chrysene	50	43.7	ug/L	87	4			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	49.1	ug/L	98	1			70 (59)	130 (110)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2134

Client: G Environmental

Analytical Method: 8270E

DataFile: BF142596.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB168235BSD	Di-n-octyl phthalate	50	43.8	ug/L	88	0			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	43.9	ug/L	88	7			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	39.9	ug/L	80	5			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	43.1	ug/L	86	4			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	40.7	ug/L	81	5			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	41.1	ug/L	82	5			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	40.6	ug/L	81	5			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	40.1	ug/L	80	3			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	34.4	ug/L	69	5			20 (38)	160 (125)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168235BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q2134

SAS No.: Q2134 SDG NO.: Q2134

Lab File ID: BF142594.D

Lab Sample ID: PB168235BL

Instrument ID: BNA_F

Date Extracted: 05/30/2025

Matrix: (soil/water) Water

Date Analyzed: 06/02/2025

Level: (low/med) LOW

Time Analyzed: 13:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168235BS	PB168235BS	BF142595.D	06/02/2025
PB168235BSD	PB168235BSD	BF142596.D	06/02/2025
MW10	Q2134-01	BF142597.D	06/02/2025

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: GENV01Lab Code: CHEMSAS No.: Q2134 SDG NO.: Q2134Lab File ID: BF142465.DDFTPP Injection Date: 05/20/2025Instrument ID: BNA_FDFTPP Injection Time: 11:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.4
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	24.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	33.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.9
275	10.0 - 60.0% of mass 198	22.3
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF142467.D	05/20/2025	12:10
SSTDICC005	SSTDICC005	BF142468.D	05/20/2025	12:38
SSTDICC010	SSTDICC010	BF142469.D	05/20/2025	13:07
SSTDICC020	SSTDICC020	BF142470.D	05/20/2025	13:36
SSTDICCC040	SSTDICCC040	BF142471.D	05/20/2025	14:05
SSTDICC050	SSTDICC050	BF142472.D	05/20/2025	14:34
SSTDICC060	SSTDICC060	BF142473.D	05/20/2025	15:03
SSTDICC080	SSTDICC080	BF142474.D	05/20/2025	15:31



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q2134SDG NO.: Q2134Lab File ID: BF142589.DDFTPP Injection Date: 06/02/2025Instrument ID: BNA_FDFTPP Injection Time: 11:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.1
70	Less than 2.0% of mass 69	0.1 (0.6) 1
127	10.0 - 80.0% of mass 198	33.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.9
275	10.0 - 60.0% of mass 198	21.6
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142590.D	06/02/2025	11:30
PB168235BL	PB168235BL	BF142594.D	06/02/2025	13:26
PB168235BS	PB168235BS	BF142595.D	06/02/2025	13:54
PB168235BSD	PB168235BSD	BF142596.D	06/02/2025	14:23
MW10	Q2134-01	BF142597.D	06/02/2025	15:05

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2134 SAS No.: Q2134 SDG NO.: Q2134

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/02/2025

Lab File ID: BF142590.D Time Analyzed: 11:30

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	112830	6.898	441878	8.19	241388	9.94
UPPER LIMIT	225660	7.398	883756	8.686	482776	10.439
LOWER LIMIT	56415	6.398	220939	7.686	120694	9.439
EPA SAMPLE NO.						
01 PB168235BL	120624	6.90	466268	8.18	259648	9.94
02 PB168235BS	124139	6.90	485746	8.19	271698	9.95
03 PB168235BSD	121815	6.90	480019	8.19	267337	9.94
04 MW10	120089	6.90	445960	8.18	232989	9.94

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2134 SAS No.: Q2134 SDG NO.: Q2134

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/02/2025

Lab File ID: BF142590.D Time Analyzed: 11:30

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	415282	11.427	230387	14.074	238851	15.568
UPPER LIMIT	830564	11.927	460774	14.574	477702	16.068
LOWER LIMIT	207641	10.927	115194	13.574	119426	15.068
EPA SAMPLE NO.						
01 PB168235BL	474960	11.43	286956	14.07	248222	15.57
02 PB168235BS	469529	11.43	249290	14.07	263582	15.57
03 PB168235BSD	467735	11.43	244296	14.07	271289	15.57
04 MW10	364457	11.43	246692	14.07	270947	15.56

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25
Project:	DPW	Date Received:	05/28/25
Client Sample ID:	MW10	SDG No.:	Q2134
Lab Sample ID:	Q2134-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142597.D	1	05/30/25 09:21	06/02/25 15:05	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.83	U	0.83	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
98-86-2	Acetophenone	0.76	U	0.76	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.60	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.78	U	0.78	5.10	ug/L
78-59-1	Isophorone	0.77	U	0.77	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
91-20-3	Naphthalene	8.40		0.51	5.10	ug/L
106-47-8	4-Chloroaniline	0.86	UQ	0.86	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
105-60-2	Caprolactam	7.40	J	1.20	10.2	ug/L
91-57-6	2-Methylnaphthalene	0.57	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.2	ug/L
92-52-4	1,1-Biphenyl	0.54	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L
208-96-8	Acenaphthylene	0.77	U	0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	0.94	U	0.94	5.10	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.56	U	0.56	5.10	ug/L
132-64-9	Dibenzofuran	0.62	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	0.70	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L
86-73-7	Fluorene	0.64	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.10	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	05/27/25	
Project:	DPW		Date Received:	05/28/25	
Client Sample ID:	MW10		SDG No.:	Q2134	
Lab Sample ID:	Q2134-01		Matrix:	Water	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	980	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142597.D	1	05/30/25 09:21	06/02/25 15:05	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.41	U	0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.10	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
86-74-8	Carbazole	0.73	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.84	U	0.84	5.10	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	UQ	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.46	U	0.46	5.10	ug/L
218-01-9	Chrysene	0.45	U	0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.50	U	0.50	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.49	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.10	ug/L

SURROGATES

367-12-4	2-Fluorophenol	56.3		15 (23) - 110 (138)	38%	SPK: 150
13127-88-3	Phenol-d6	36.3		15 (10) - 110 (134)	24%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.4		30 (67) - 130 (132)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.7		30 (52) - 130 (132)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	114		15 (44) - 110 (137)	76%	SPK: 150

Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25
Project:	DPW	Date Received:	05/28/25
Client Sample ID:	MW10	SDG No.:	Q2134
Lab Sample ID:	Q2134-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142597.D	1	05/30/25 09:21	06/02/25 15:05	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	58.7		30 (42) - 130 (152)	59%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	120000	6.898
1146-65-2	Naphthalene-d8	446000	8.181
15067-26-2	Acenaphthene-d10	233000	9.939
1517-22-2	Phenanthrene-d10	364000	11.428
1719-03-5	Chrysene-d12	247000	14.069
1520-96-3	Perylene-d12	271000	15.563

TENTATIVE IDENTIFIED COMPOUNDS

000473-91-6	Cyclopentene, 1,2,3-trimethyl-	7.40	J	4.67	ug/L
000098-82-8	Benzene, (1-methylethyl)-	11.7	J	6.07	ug/L
013622-43-0	Phenethylamine, N-benzyl-p-chloro-	13.9	J	6.36	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	8.70	J	6.42	ug/L
000496-11-7	Indane	34.9	J	7.08	ug/L
000141-93-5	Benzene, 1,3-diethyl-	23.5	J	7.14	ug/L
000105-05-5	Benzene, 1,4-diethyl-	23.7	J	7.22	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	7.10	J	7.29	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	20.4	J	7.36	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	8.10	J	7.67	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	10.1	J	7.85	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	19.3	J	7.92	ug/L
90-12-0	1-Methylnaphthalene	5.10	J	8.99	ug/L
000119-61-9	Benzophenone	6.80	J	10.7	ug/L
000057-10-3	n-Hexadecanoic acid	21.7	J	12.0	ug/L
000057-11-4	Octadecanoic acid	10.9	J	12.7	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	05/27/25
Project:	DPW		Date Received:	05/28/25
Client Sample ID:	MW10		SDG No.:	Q2134
Lab Sample ID:	Q2134-01		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	980	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142597.D	1	05/30/25 09:21	06/02/25 15:05	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW10

Quant Time: Jun 02 15:47:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

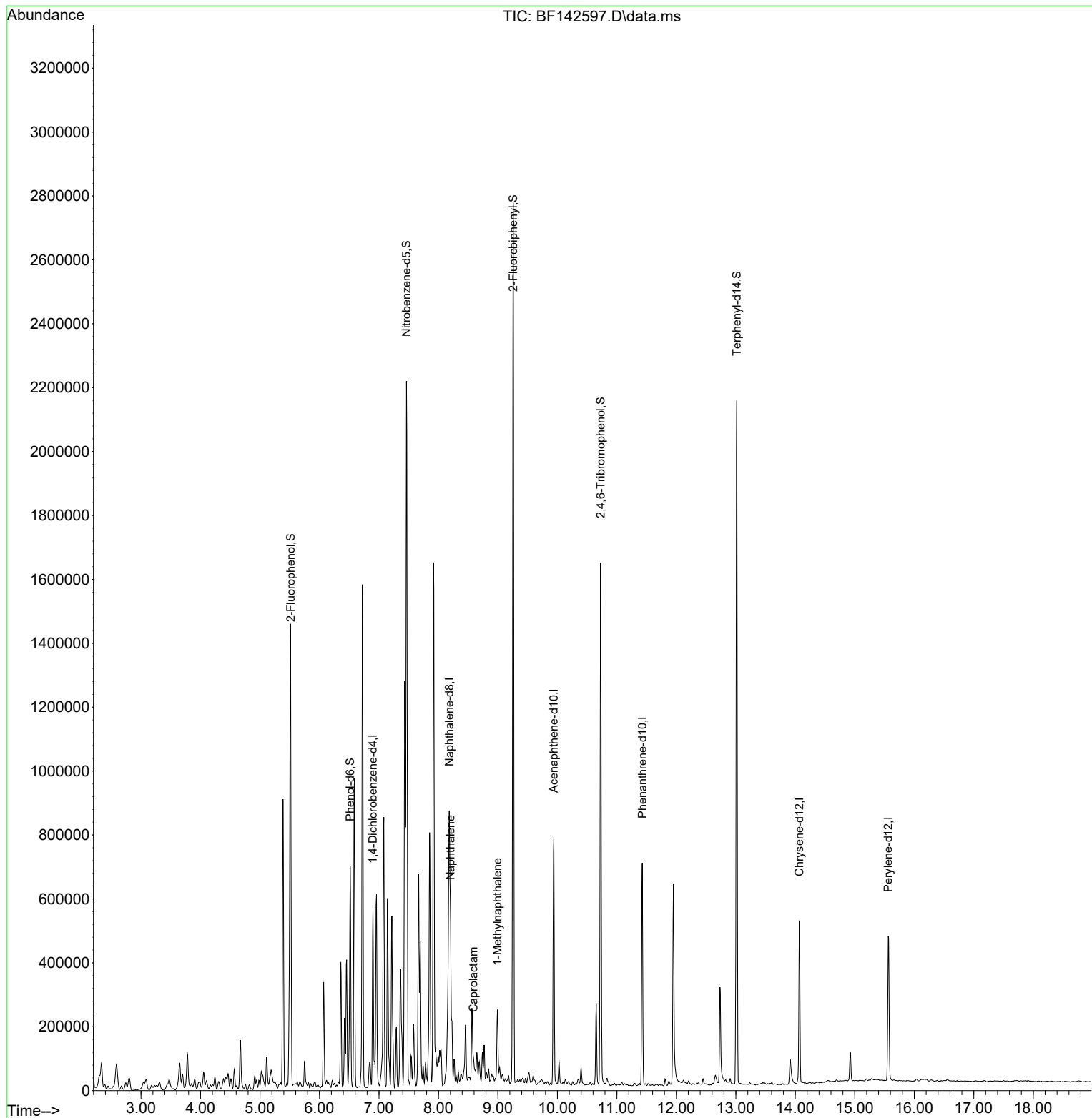
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	120089	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	445960	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	232989	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	364457	20.000	ng	0.00
76) Chrysene-d12	14.069	240	246692	20.000	ng	0.00
86) Perylene-d12	15.563	264	270947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	400957	56.251	ng	0.00
7) Phenol-d6	6.516	99	311476	36.301	ng	-0.02
23) Nitrobenzene-d5	7.463	82	608220	74.369	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	293646	113.557	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1262677	72.722	ng	-0.01
79) Terphenyl-d14	13.016	244	1060270	58.733	ng	0.00
Target Compounds						
31) Naphthalene	8.204	128	180829	8.235	ng	Qvalue # 95
35) Caprolactam	8.587	113	12899	7.266	ng	97
38) 1-Methylnaphthalene	8.992	142	71333	4.992	ng	98

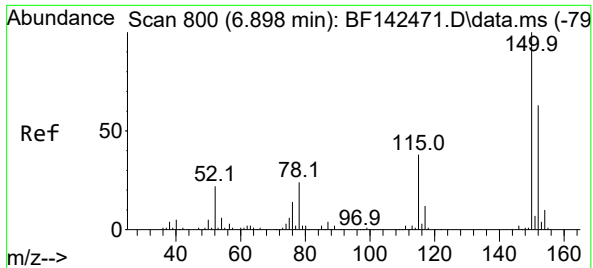
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW10

Quant Time: Jun 02 15:47:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

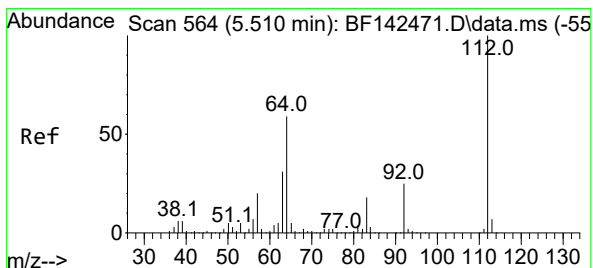
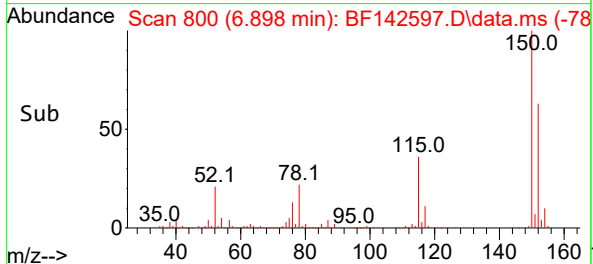
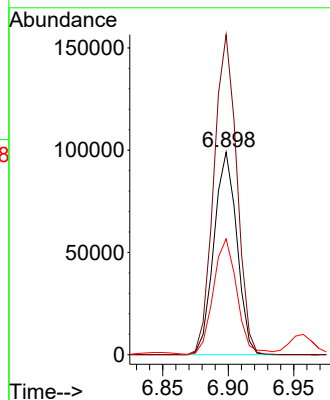
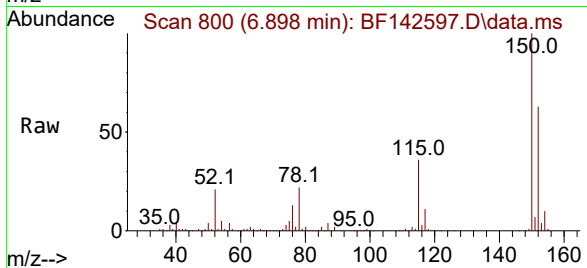




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

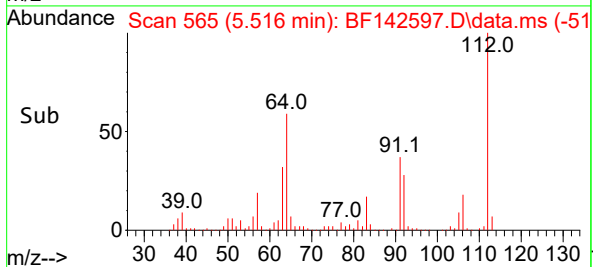
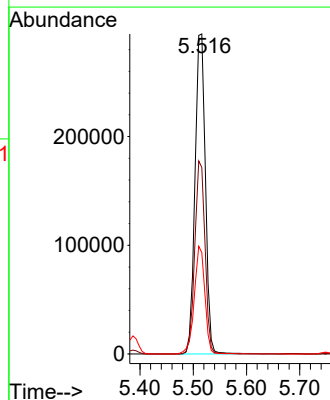
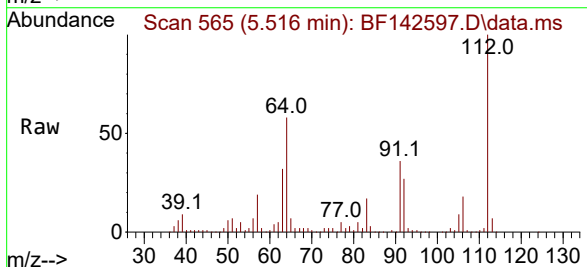
Instrument :
BNA_F
ClientSampleId :
MW10

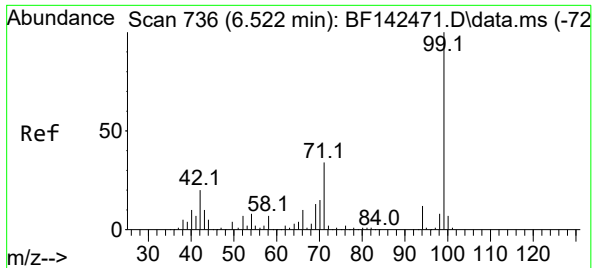
Tgt Ion:152 Resp: 120089
Ion Ratio Lower Upper
152 100
150 158.0 128.2 192.4
115 57.2 48.3 72.5



#5
2-Fluorophenol
Concen: 56.251 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

Tgt Ion:112 Resp: 400957
Ion Ratio Lower Upper
112 100
64 58.3 47.5 71.3
63 31.7 24.9 37.3





#7

Phenol-d6

Concen: 36.301 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

Instrument :

BNA_F

ClientSampleId :

MW10

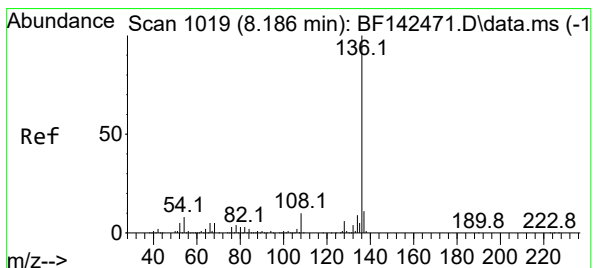
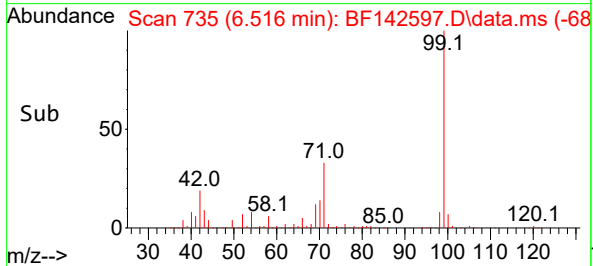
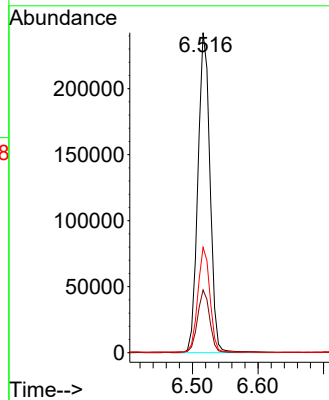
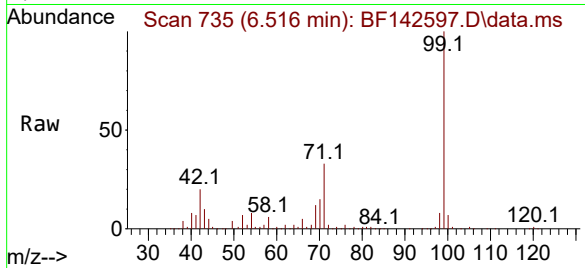
Tgt Ion: 99 Resp: 311476

Ion Ratio Lower Upper

99 100

42 19.6 16.2 24.2

71 32.9 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

Tgt Ion:136 Resp: 445960

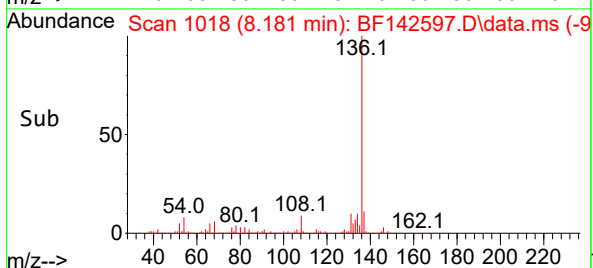
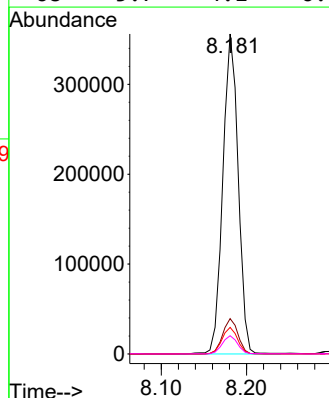
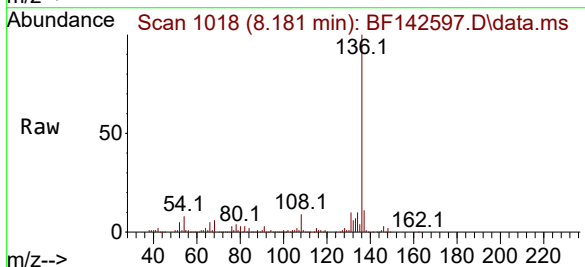
Ion Ratio Lower Upper

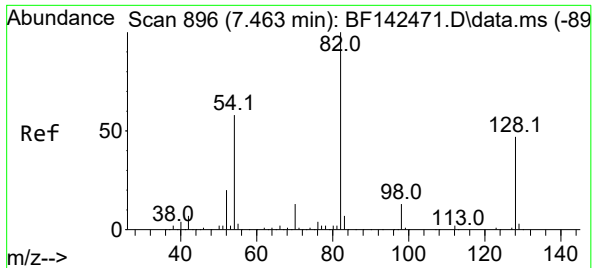
136 100

137 11.0 8.6 13.0

54 8.3 6.6 10.0

68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 74.369 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

Instrument :

BNA_F

ClientSampleId :

MW10

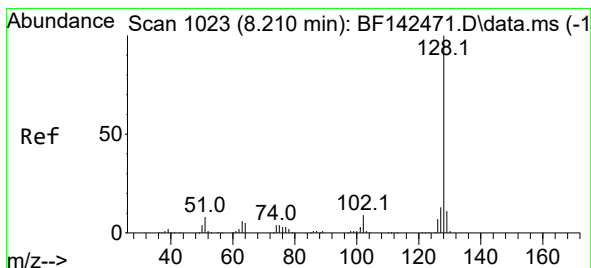
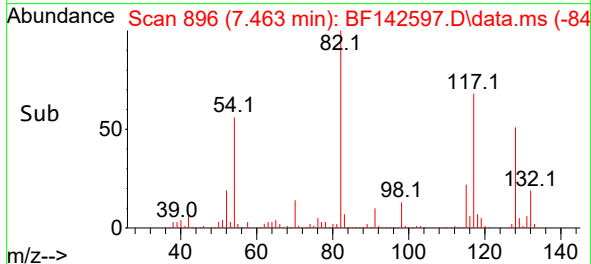
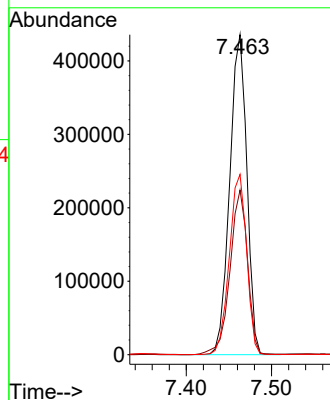
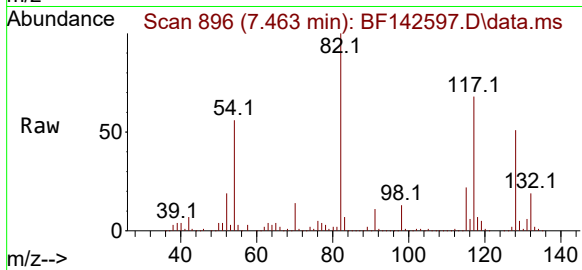
Tgt Ion: 82 Resp: 608220

Ion Ratio Lower Upper

82 100

128 51.5 37.4 56.2

54 56.4 46.6 70.0



#31

Naphthalene

Concen: 8.235 ng

RT: 8.204 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

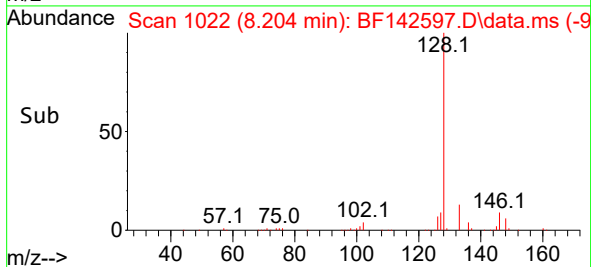
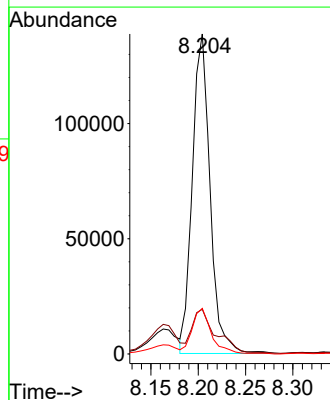
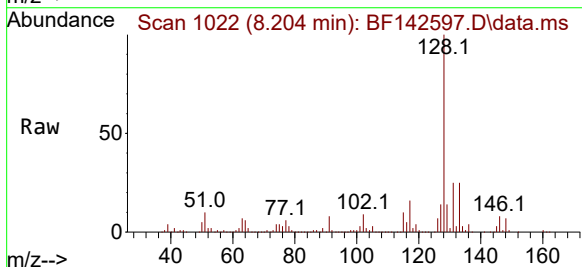
Tgt Ion: 128 Resp: 180829

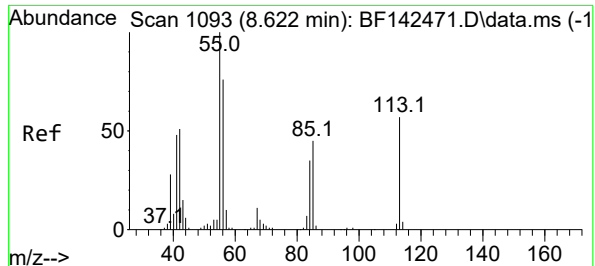
Ion Ratio Lower Upper

128 100

129 14.0 8.9 13.3#

127 14.2 10.5 15.7





#35

Caprolactam

Concen: 7.266 ng

RT: 8.587 min Scan# 1087

Delta R.T. -0.059 min

Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

Instrument :

BNA_F

ClientSampleId :

MW10

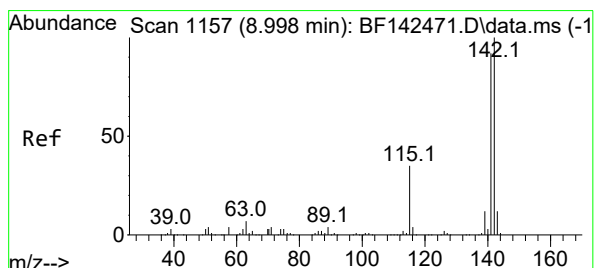
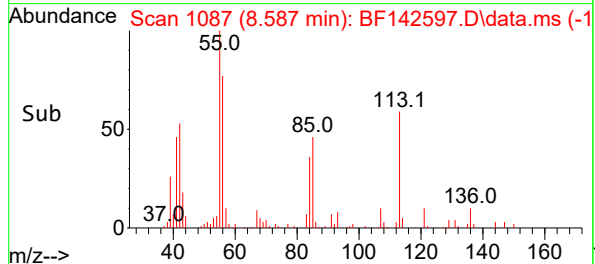
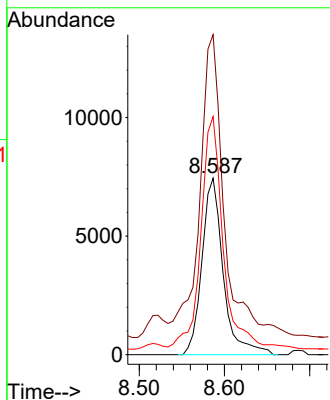
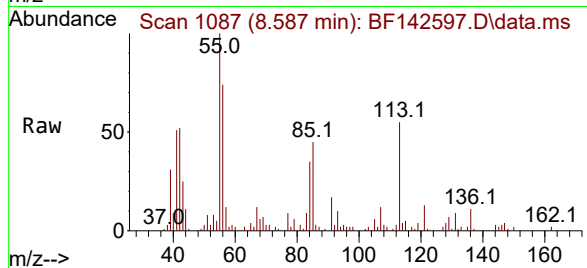
Tgt Ion:113 Resp: 12899

Ion Ratio Lower Upper

113 100

55 181.3 154.7 194.7

56 134.9 113.2 153.2



#38

1-Methylnaphthalene

Concen: 4.992 ng

RT: 8.992 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF142597.D

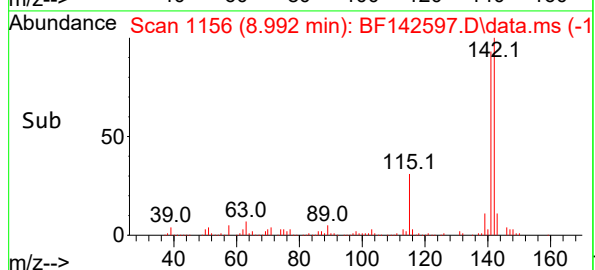
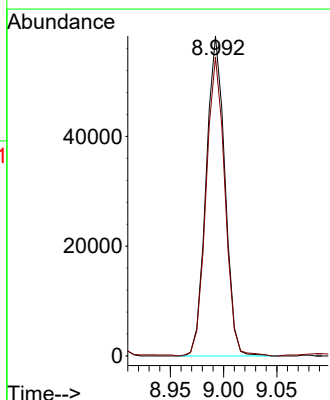
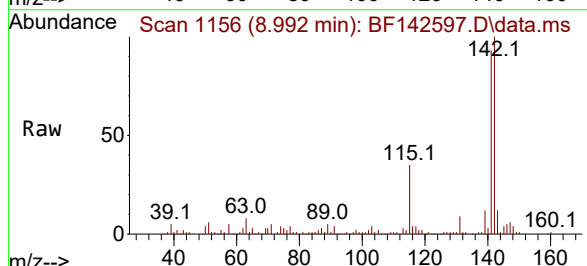
Acq: 02 Jun 2025 15:05

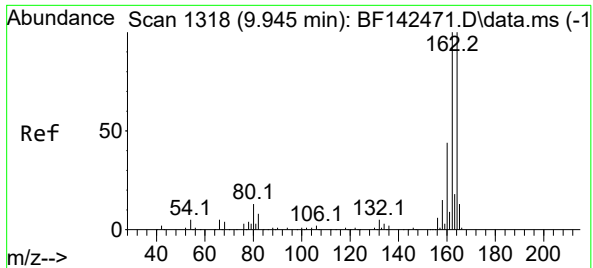
Tgt Ion:142 Resp: 71333

Ion Ratio Lower Upper

142 100

141 93.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

Instrument :

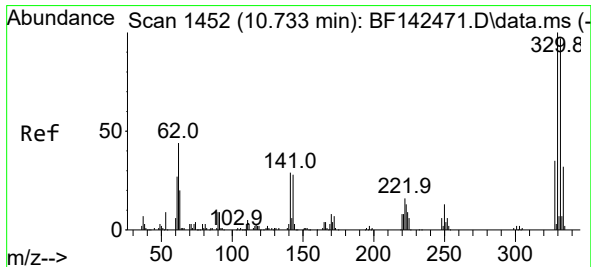
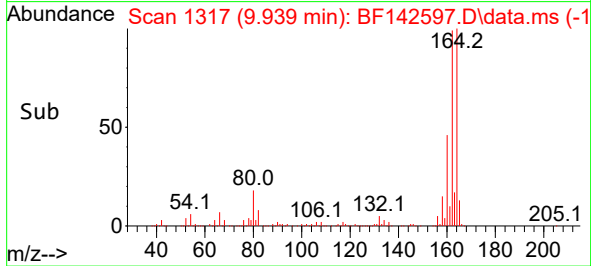
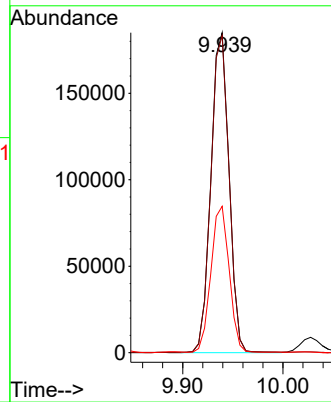
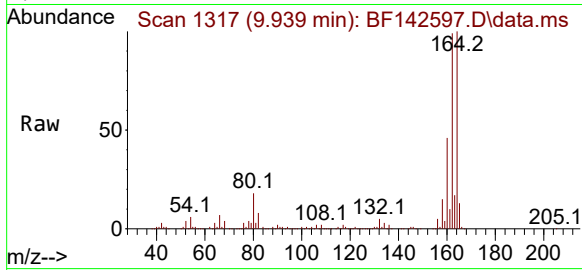
BNA_F

ClientSampleId :

MW10

Tgt Ion:164 Resp: 232989

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.2	120.4
160	45.8	35.6	53.4



#42

2,4,6-Tribromophenol

Concen: 113.557 ng

RT: 10.728 min Scan# 1451

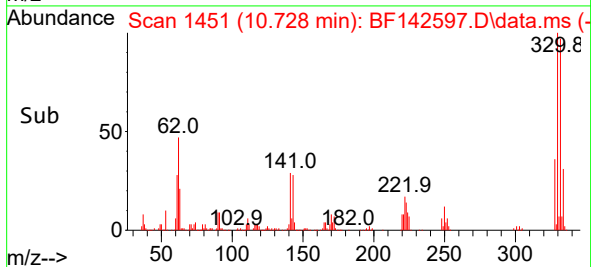
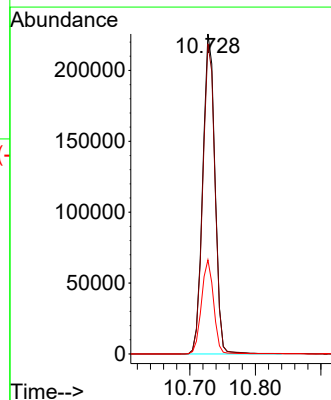
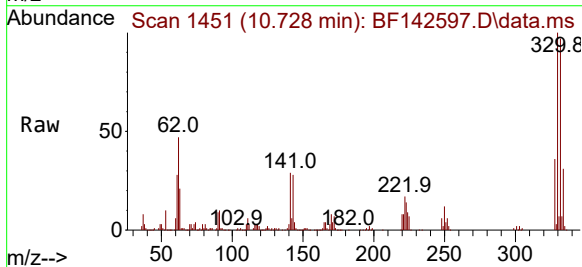
Delta R.T. -0.012 min

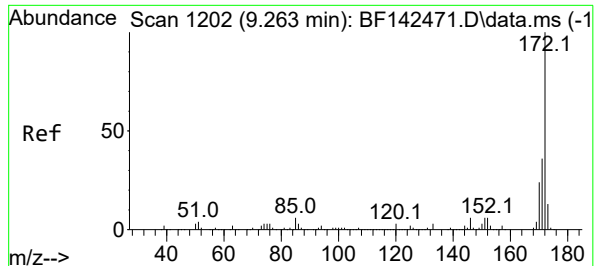
Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

Tgt Ion:330 Resp: 293646

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	29.3	24.6	36.8





#45

2-Fluorobiphenyl

Concen: 72.722 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

Instrument :

BNA_F

ClientSampleId :

MW10

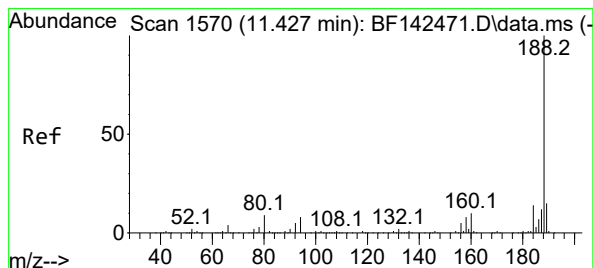
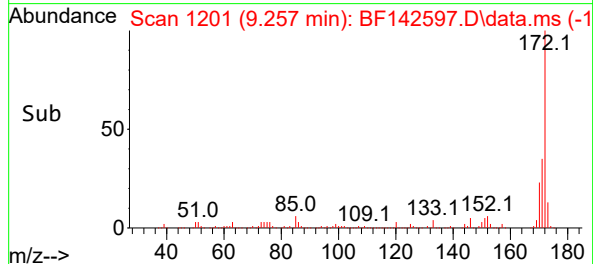
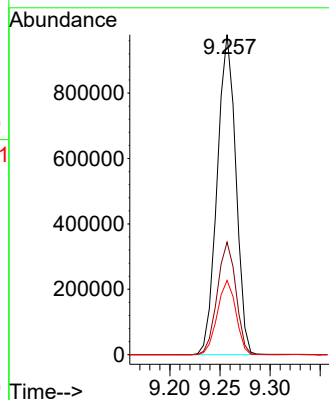
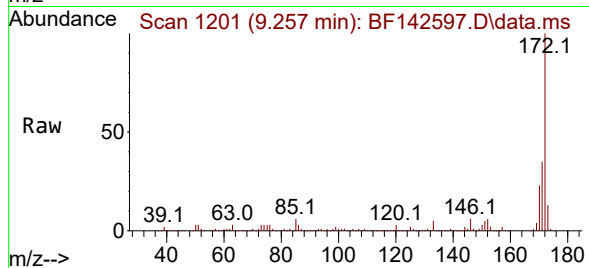
Tgt Ion:172 Resp: 1262677

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.2 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

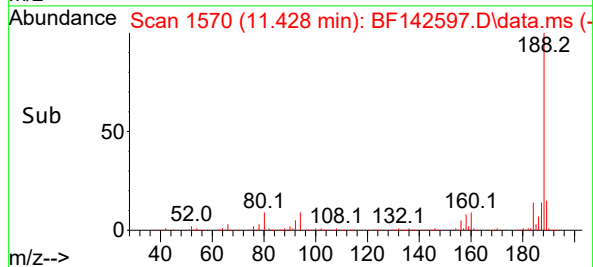
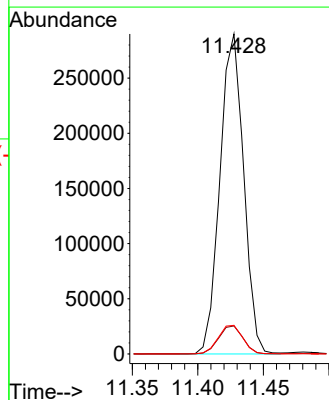
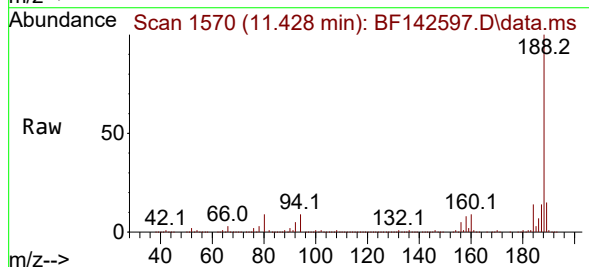
Tgt Ion:188 Resp: 364457

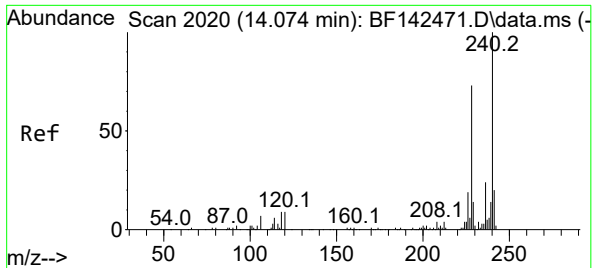
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 8.9 7.4 11.0

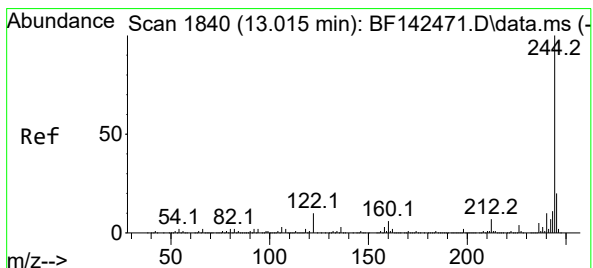
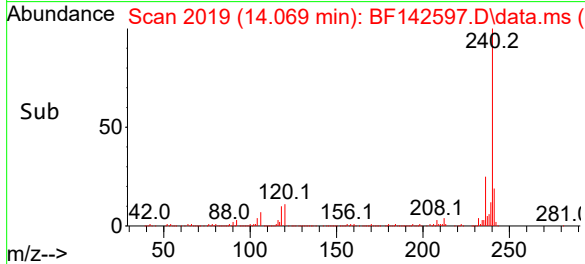
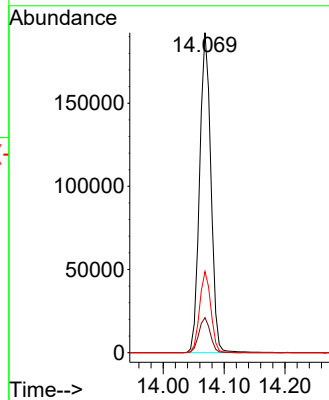
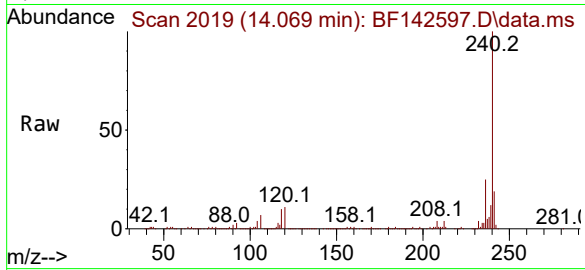




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

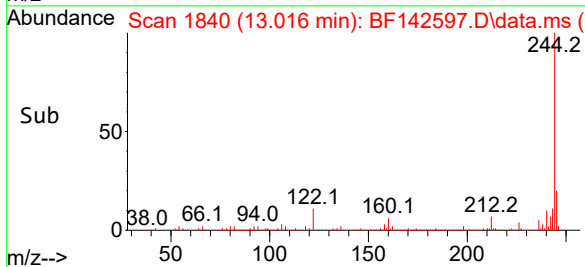
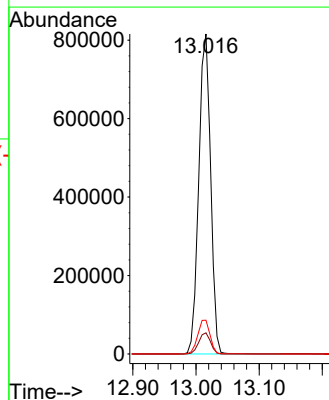
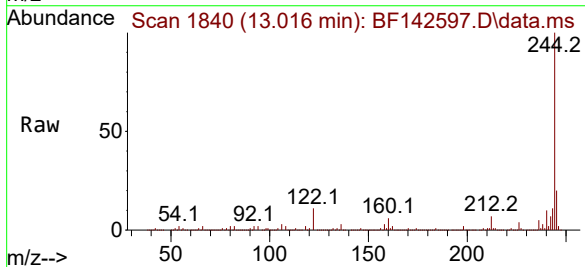
Instrument :
BNA_F
ClientSampleId :
MW10

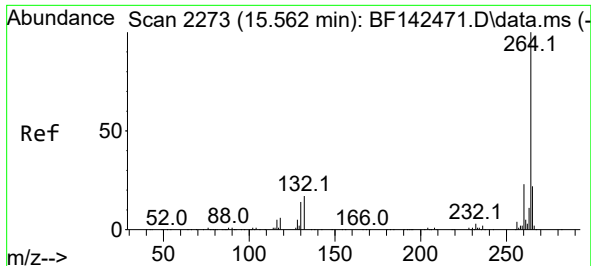
Tgt Ion:240 Resp: 246692
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 25.3 19.6 29.4



#79
Terphenyl-d14
Concen: 58.733 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

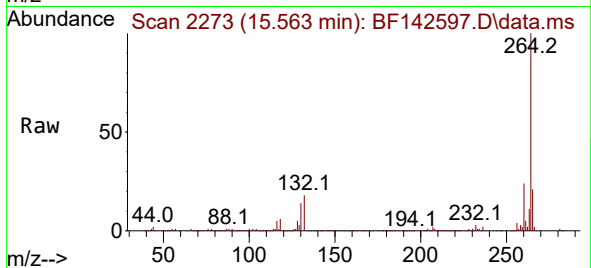
Tgt Ion:244 Resp: 1060270
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 10.6 8.2 12.2





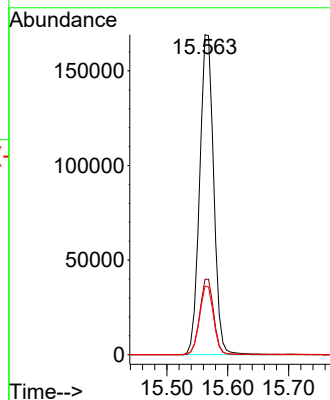
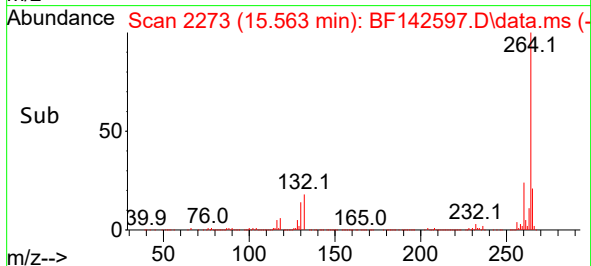
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

Instrument :
BNA_F
ClientSampleId :
MW10



Tgt Ion:264 Resp: 270947

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.5	17.7	26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142597.D
 Acq On : 02 Jun 2025 15:05
 Operator : RC/JU
 Sample : Q2134-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW10

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142597.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.299	9	18	19	rBV2	37206	66956	1.89%	0.146%
2	2.334	20	24	30	rVB2	73169	140480	3.96%	0.306%
3	2.587	52	67	76	rVB3	77572	224030	6.32%	0.488%
4	2.746	87	94	98	rBV	20786	44953	1.27%	0.098%
5	2.799	98	103	113	rVB3	40161	93291	2.63%	0.203%
6	3.040	125	144	147	rBV4	24157	71493	2.02%	0.156%
7	3.081	147	151	161	rVB3	32025	72969	2.06%	0.159%
8	3.310	185	190	202	rVB4	24339	60180	1.70%	0.131%
9	3.475	202	218	228	rBV5	32241	122487	3.46%	0.267%
10	3.652	235	248	252	rBV	82713	202966	5.73%	0.442%
11	3.699	252	256	261	rVB	42397	72113	2.04%	0.157%
12	3.781	261	270	278	rBV2	103217	211629	5.97%	0.461%
13	3.899	285	290	296	rVB2	29449	54434	1.54%	0.119%
14	4.052	310	316	320	rBV3	47261	85375	2.41%	0.186%
15	4.099	320	324	331	rVB2	25213	50226	1.42%	0.109%
16	4.240	344	348	353	rVB3	37693	64243	1.81%	0.140%
17	4.304	353	359	366	rVB4	24062	47907	1.35%	0.104%
18	4.387	366	373	376	rBV2	32807	68917	1.95%	0.150%
19	4.463	383	386	390	rVB2	37852	55387	1.56%	0.121%
20	4.510	390	394	399	rVB3	30019	51151	1.44%	0.111%
21	4.569	399	404	409	rBV	60392	93677	2.64%	0.204%
22	4.669	415	421	432	rBV2	152509	259104	7.31%	0.564%
23	4.910	457	462	465	rBV2	42977	68625	1.94%	0.149%
24	5.022	477	481	484	rBV	44649	72142	2.04%	0.157%
25	5.110	492	496	502	rBV	90188	132901	3.75%	0.289%
26	5.187	502	509	517	rVV6	44917	118925	3.36%	0.259%
27	5.387	538	543	550	rVB	899348	1169879	33.02%	2.547%
28	5.510	556	564	570	rVB2	1445157	2222599	62.73%	4.839%
29	5.751	600	605	613	rVV	78594	114979	3.25%	0.250%
30	6.069	654	659	664	rBV	326362	408555	11.53%	0.889%
31	6.216	680	684	688	rBV4	21830	37099	1.05%	0.081%
32	6.357	704	708	713	rVB	389408	483222	13.64%	1.052%
33	6.422	713	719	722	rBV	214675	301177	8.50%	0.656%
34	6.457	722	725	729	rVV	396493	484308	13.67%	1.054%
35	6.516	729	735	741	rVB2	690435	1004715	28.36%	2.187%
36	6.587	741	747	752	rBV	965484	1221291	34.47%	2.659%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142597.D
 Acq On : 02 Jun 2025 15:05
 Operator : RC/JU
 Sample : Q2134-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW10

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.722	761	770	776	rBV	1572208	2037190	57.50%	4.435%
38	6.845	784	791	796	rBV3	78675	161359	4.55%	0.351%
39	6.898	796	800	804	rVV	553591	710479	20.05%	1.547%
40	6.957	806	810	818	rVB	599502	795584	22.45%	1.732%
41	7.081	818	831	837	rVB	841700	1214825	34.29%	2.645%
42	7.145	837	842	850	rBV2	588315	818542	23.10%	1.782%
43	7.216	850	854	862	rVB	536242	824428	23.27%	1.795%
44	7.292	862	867	872	rBV	188874	246809	6.97%	0.537%
45	7.363	872	879	886	rBV	370563	711973	20.09%	1.550%
46	7.434	886	891	893	rBV	1258517	1695099	47.84%	3.690%
47	7.463	893	896	902	rVB2	2187833	3013792	85.06%	6.561%
48	7.540	905	909	913	rBV3	90077	127616	3.60%	0.278%
49	7.581	913	916	923	rVB2	191909	260553	7.35%	0.567%
50	7.669	923	931	933	rBV	661947	937487	26.46%	2.041%
51	7.692	933	935	941	rVB	430060	474686	13.40%	1.033%
52	7.745	941	944	947	rVB	52184	59663	1.68%	0.130%
53	7.781	947	950	955	rBV2	60813	87614	2.47%	0.191%
54	7.851	955	962	968	rVB	780081	1166073	32.91%	2.539%
55	7.916	968	973	978	rBV	1625297	2239969	63.22%	4.876%
56	8.022	988	991	993	rBV	37481	39259	1.11%	0.085%
57	8.181	1003	1018	1025	rBV4	856521	2365656	66.77%	5.150%
58	8.263	1029	1032	1036	rVB2	69257	83825	2.37%	0.182%
59	8.334	1041	1044	1048	rBV	32581	37469	1.06%	0.082%
60	8.381	1048	1052	1056	rVV3	23500	40799	1.15%	0.089%
61	8.457	1056	1065	1070	rVB2	173253	286706	8.09%	0.624%
62	8.563	1079	1083	1093	rBV2	224499	414215	11.69%	0.902%
63	8.645	1094	1097	1101	rVV	83504	117777	3.32%	0.256%
64	8.687	1101	1104	1109	rVB3	60270	87524	2.47%	0.191%
65	8.739	1109	1113	1115	rBV	92128	115914	3.27%	0.252%
66	8.769	1115	1118	1122	rVB2	104656	118596	3.35%	0.258%
67	8.845	1128	1131	1134	rVB2	35544	41668	1.18%	0.091%
68	8.992	1151	1156	1160	rBV	215851	290462	8.20%	0.632%
69	9.028	1160	1162	1166	rVV3	38974	45303	1.28%	0.099%
70	9.075	1166	1170	1176	rVB6	20120	35741	1.01%	0.078%
71	9.257	1195	1201	1206	rVB	2753767	3543100	100.00%	7.713%
72	9.522	1240	1246	1251	rVB3	32284	61264	1.73%	0.133%
73	9.939	1311	1317	1322	rBV	774433	1000515	28.24%	2.178%
74	10.028	1327	1332	1339	rVB	66947	93873	2.65%	0.204%
75	10.398	1391	1395	1406	rVB	54930	86041	2.43%	0.187%
76	10.651	1433	1438	1445	rBV	254944	331528	9.36%	0.722%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW10

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.728	1445	1451	1465	rVV	1634177	2150051	60.68%	4.681%
78	10.833	1465	1469	1478	rVB3	23175	51593	1.46%	0.112%
79	11.428	1564	1570	1576	rBV	695130	882841	24.92%	1.922%
80	11.951	1653	1659	1673	rBV	623198	940205	26.54%	2.047%
81	12.657	1773	1779	1786	rBV3	26292	59766	1.69%	0.130%
82	12.733	1787	1792	1805	rBV	298203	472248	13.33%	1.028%
83	13.016	1834	1840	1845	rBV	2137594	2800731	79.05%	6.097%
84	13.916	1987	1993	2010	rBV	75315	175235	4.95%	0.381%
85	14.069	2011	2019	2028	rBV	509716	677035	19.11%	1.474%
86	14.927	2160	2165	2172	rVB	87492	124984	3.53%	0.272%
87	15.563	2267	2273	2286	rBV	451316	724403	20.45%	1.577%

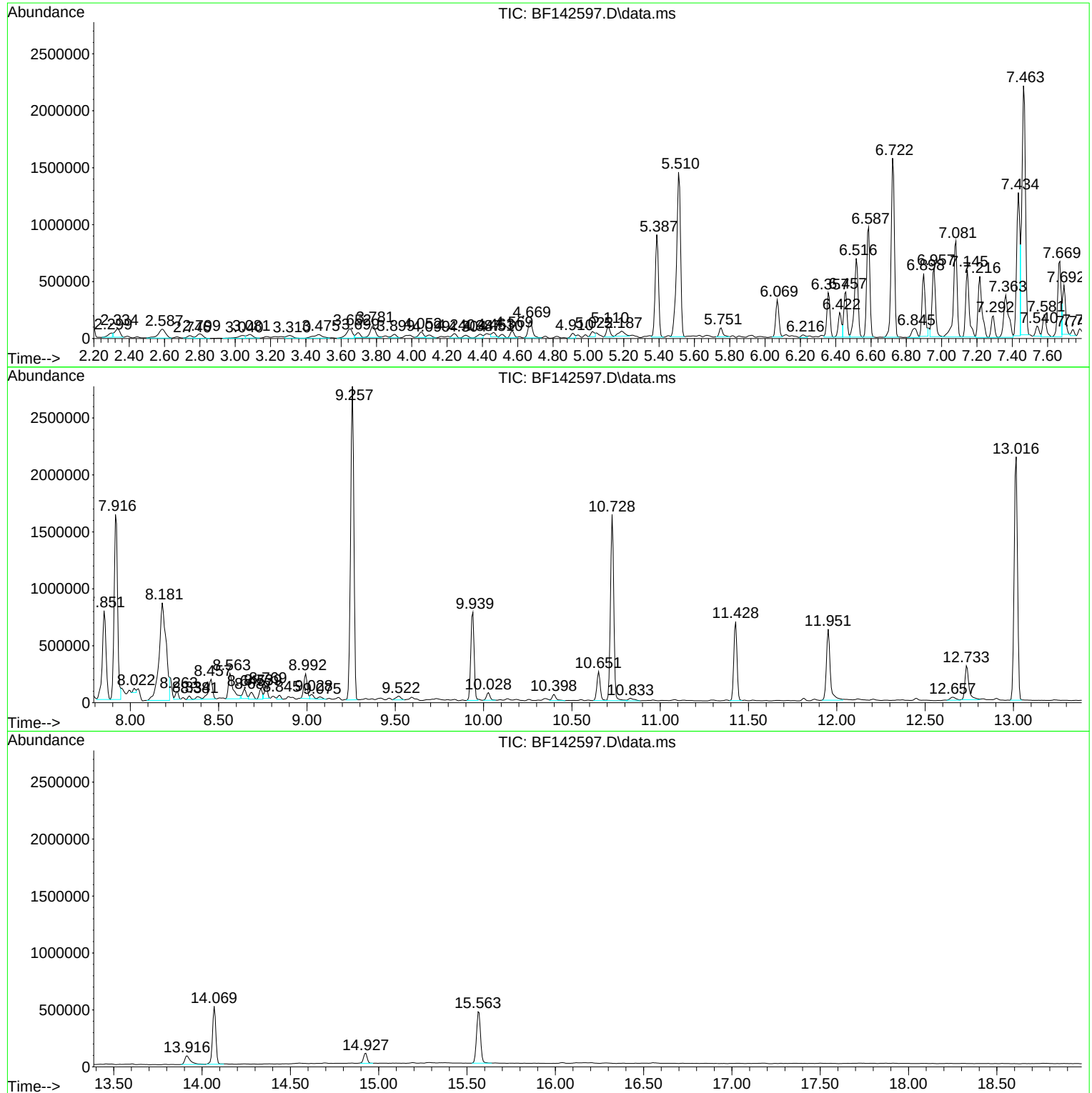
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
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ALS Vial : 9 Sample Multiplier: 1

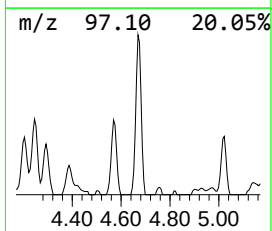
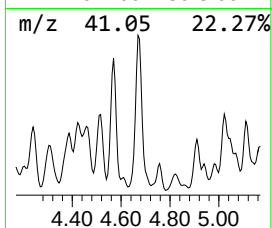
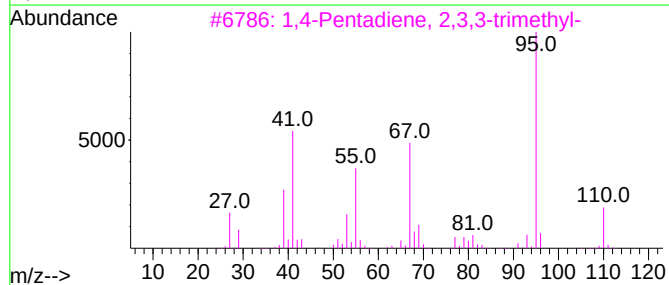
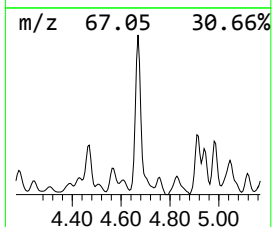
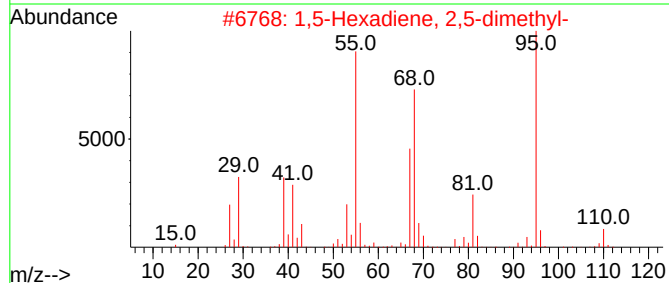
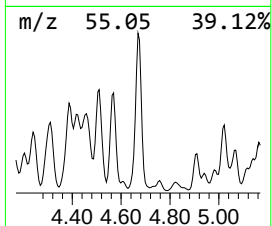
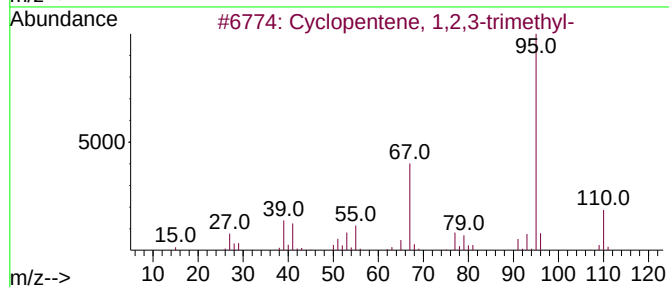
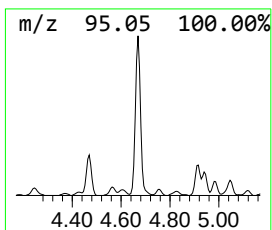
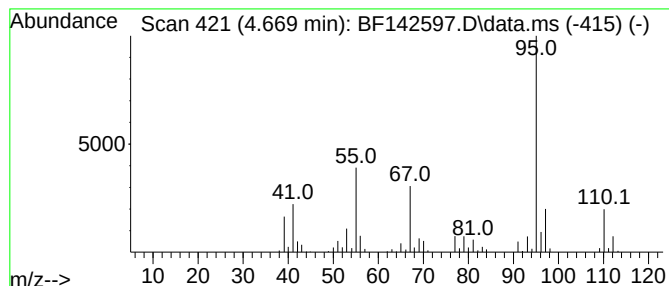
Instrument :
BNA_F
ClientSampleId :
MW10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.669	7.29 ng	259104	1,4-Dichlorobenzene-d4	6.898	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	93
2	1,5-Hexadiene, 2,5-dimethyl-	110	C8H14	000627-58-7	64
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	62
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW10

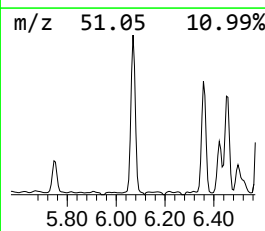
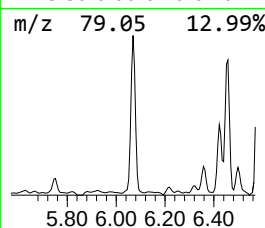
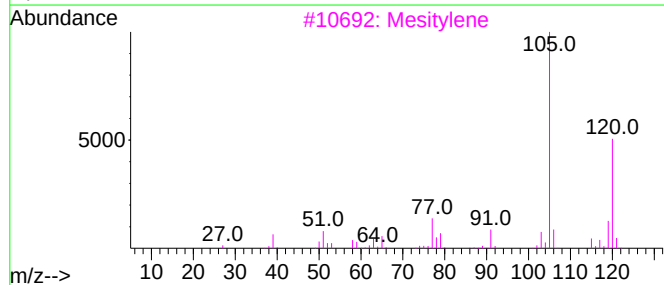
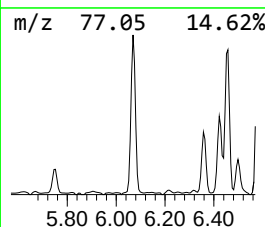
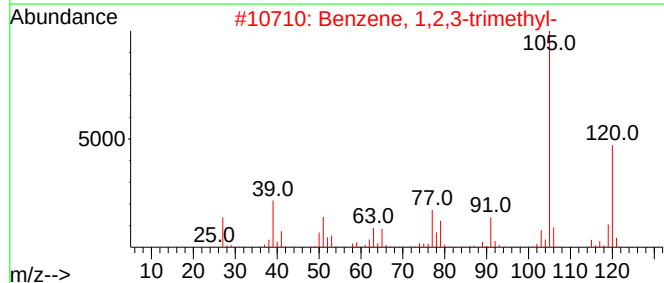
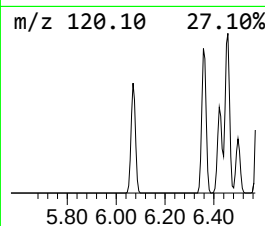
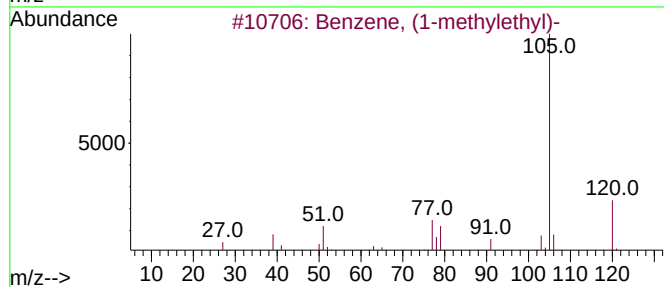
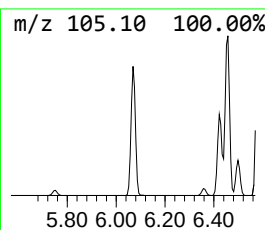
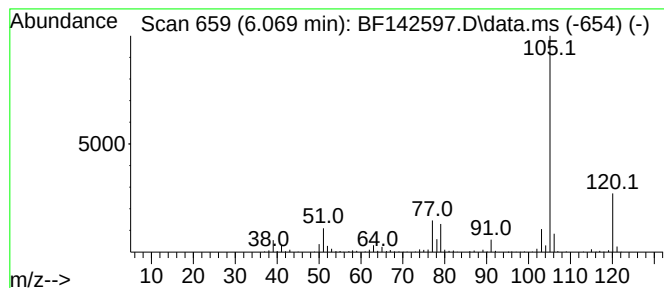
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.069	11.50 ng	408555	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3			Mesitylene	120	C9H12	000108-67-8	87
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW10

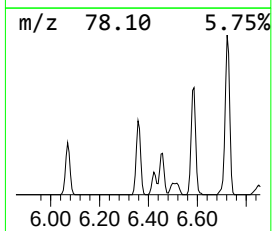
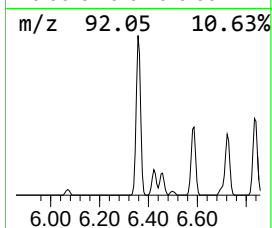
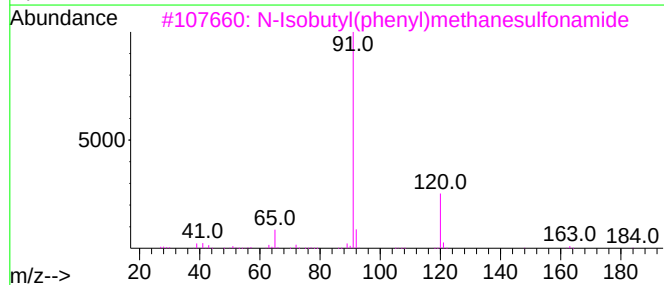
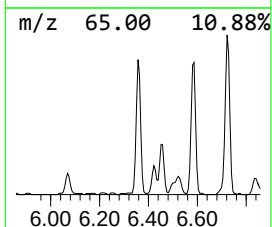
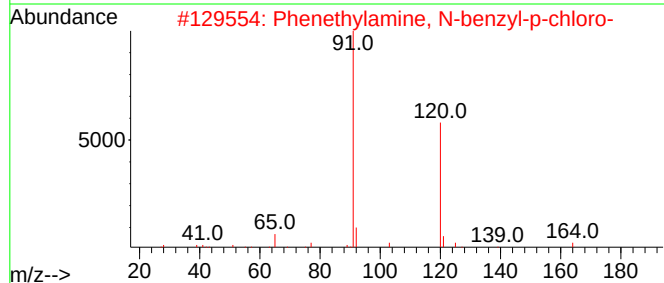
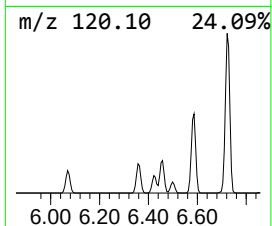
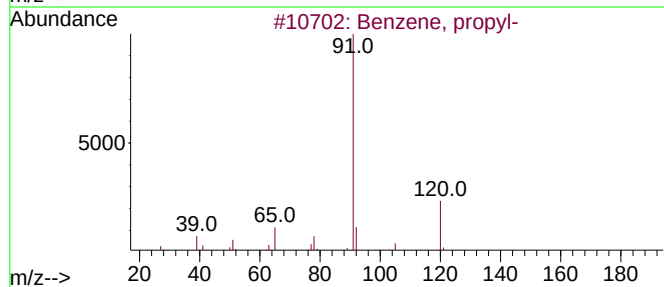
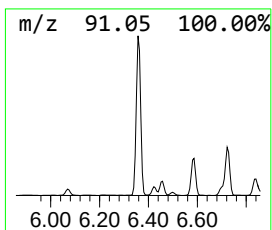
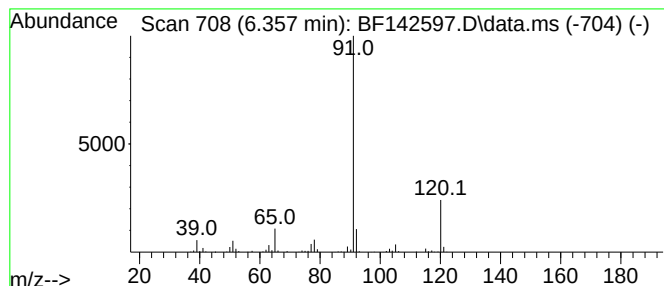
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenethylamine, N-benzyl-p-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.357	13.60 ng	483222	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	94
2			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3			N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
4			1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5			Benzeneacetaldehyde	120	C8H8O	000122-78-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW10

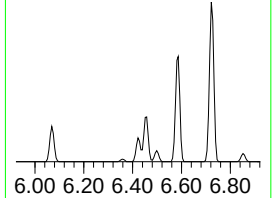
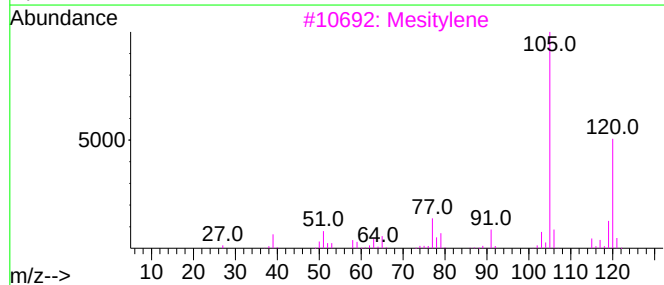
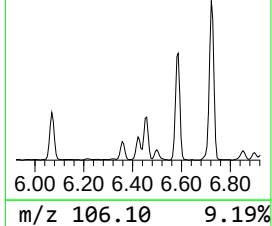
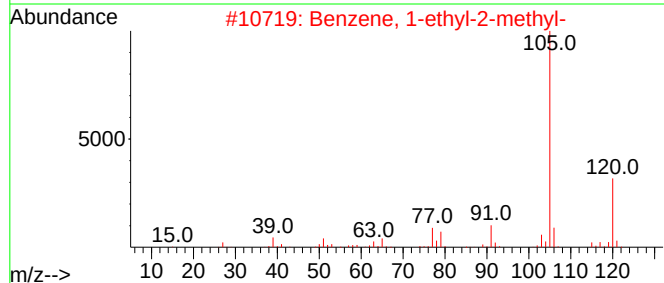
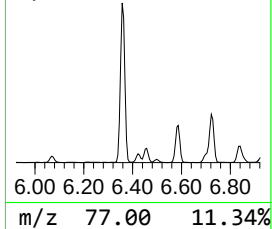
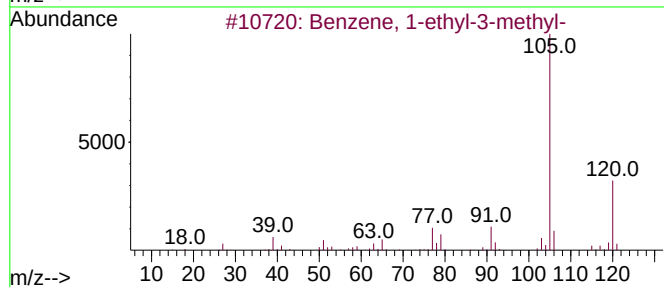
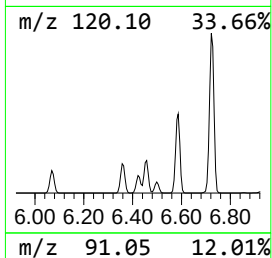
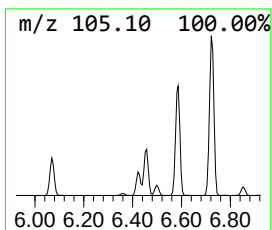
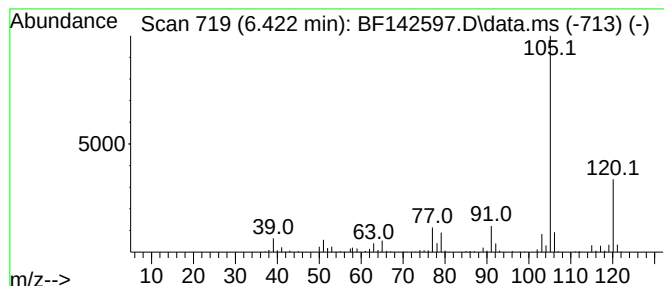
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.422	8.48 ng	301177	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW10

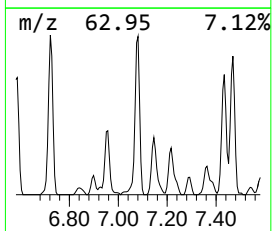
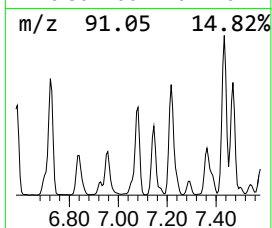
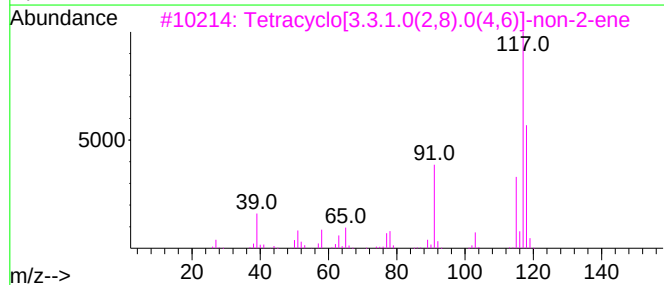
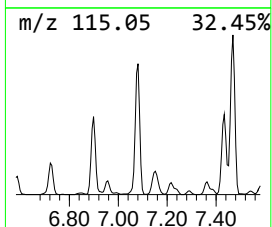
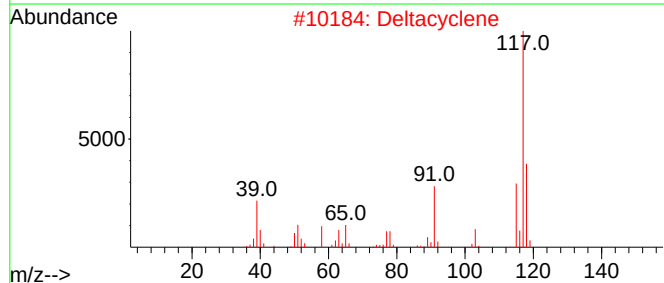
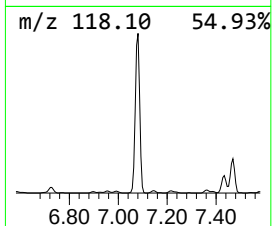
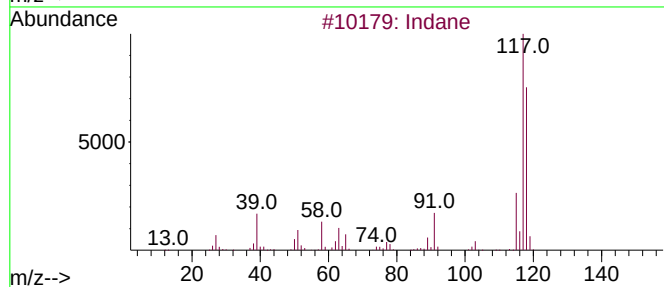
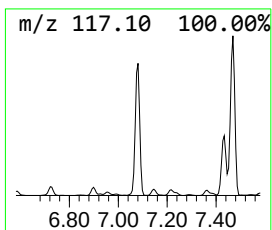
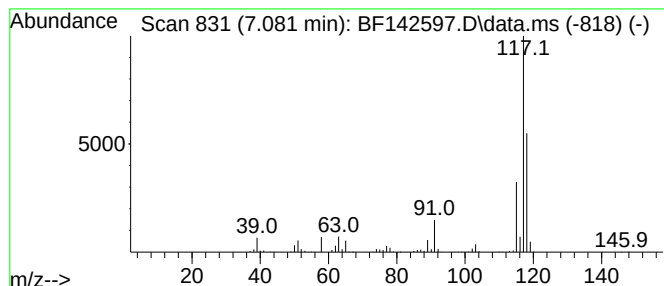
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	34.20 ng	1214830	1,4-Dichlorobenzene-d4	6.898

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indane	118	C9H10	000496-11-7	91
2		Deltacyclene	118	C9H10	007785-10-6	72
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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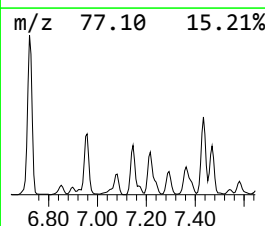
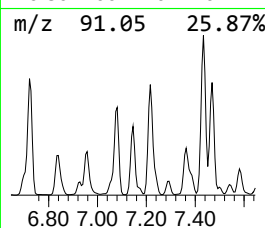
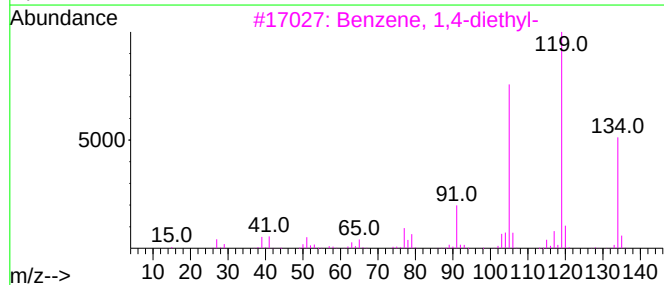
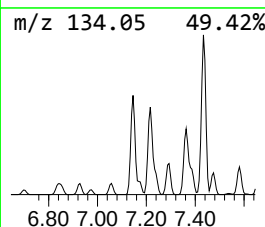
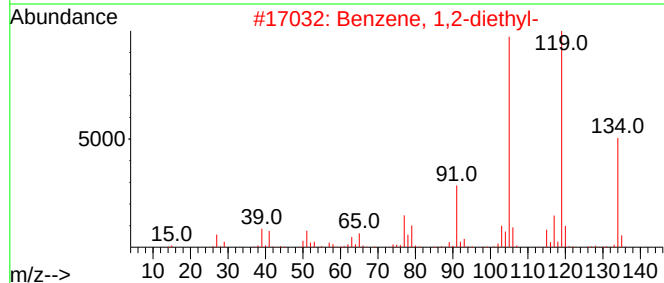
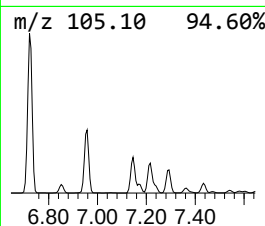
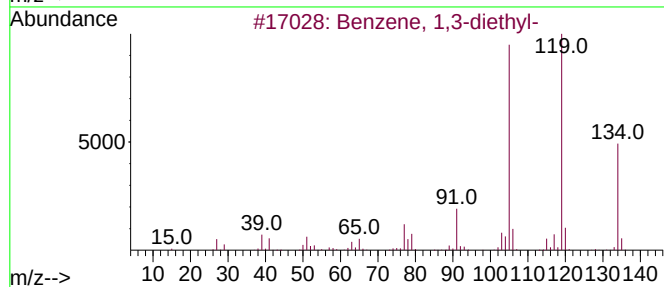
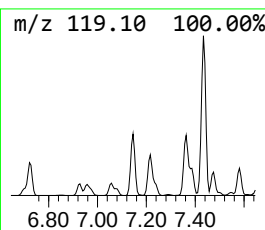
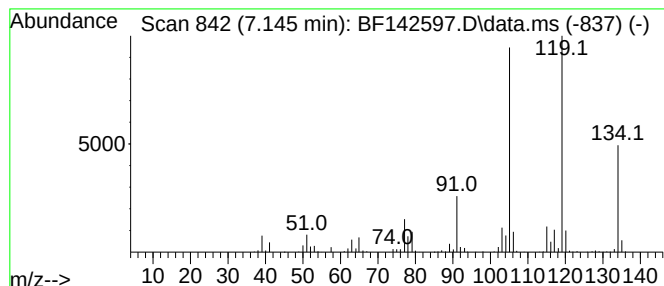
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	23.04 ng	818542	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
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Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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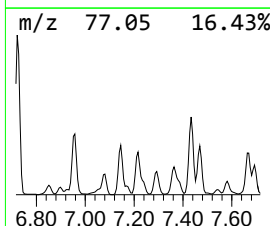
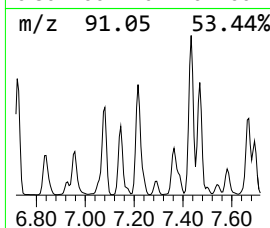
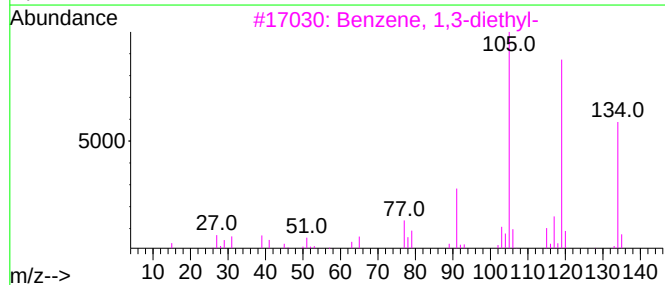
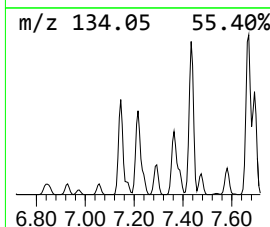
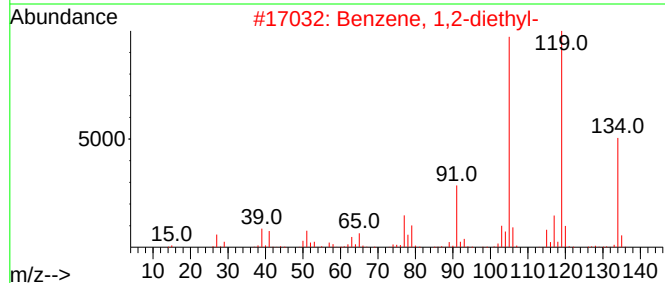
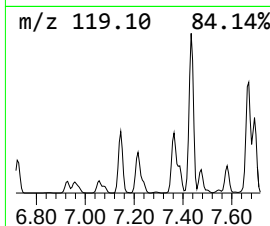
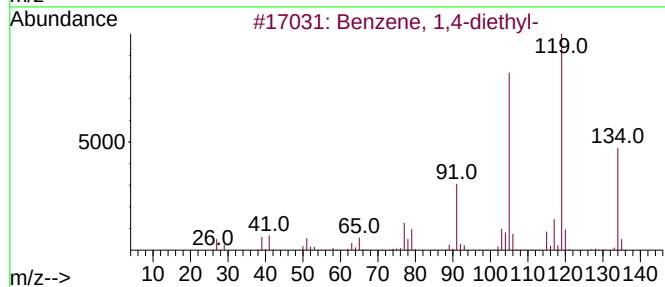
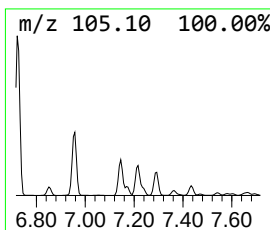
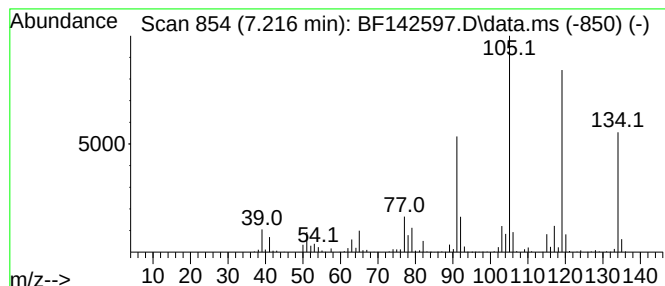
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.216	23.21 ng	824428	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4			2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	90
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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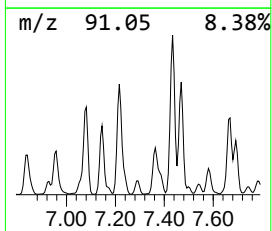
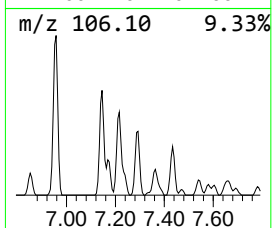
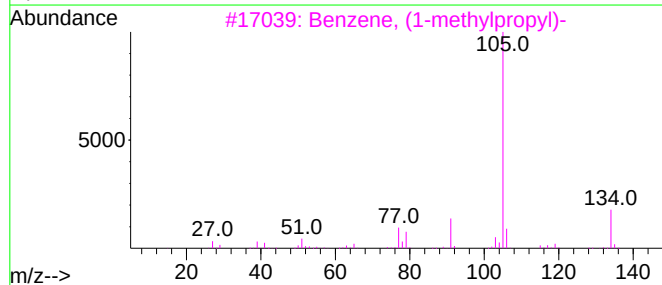
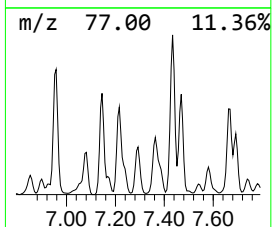
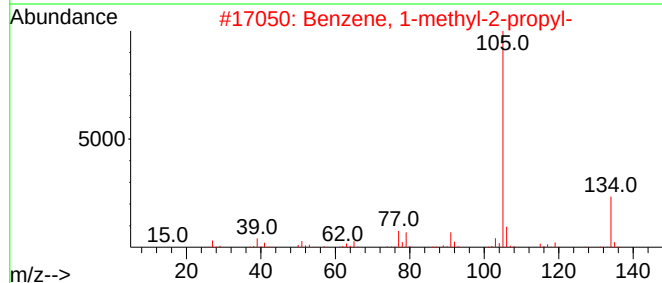
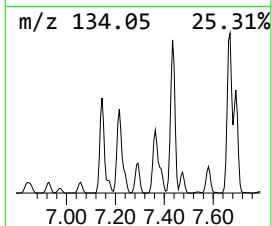
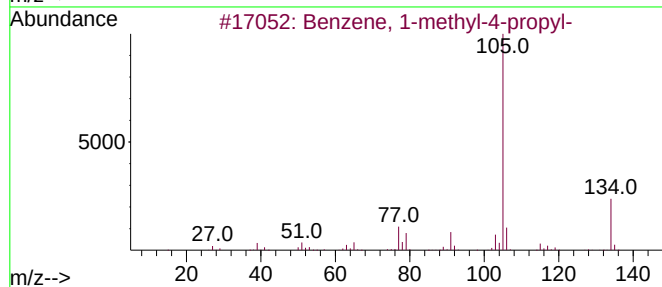
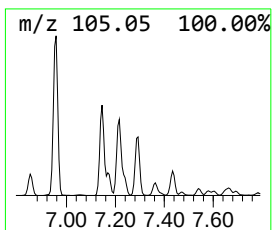
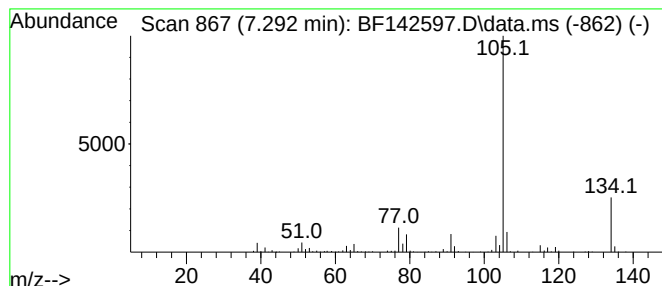
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.292	6.95 ng	246809	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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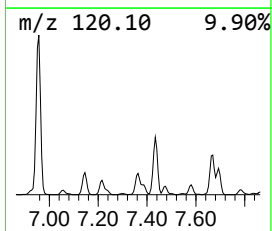
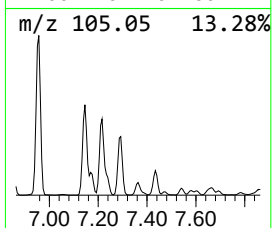
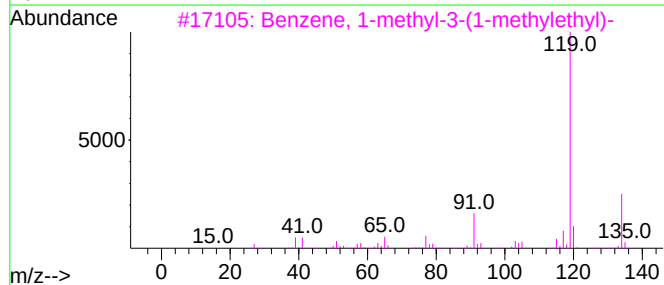
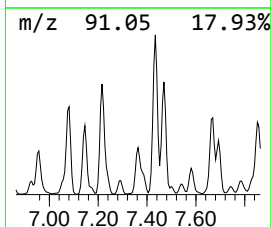
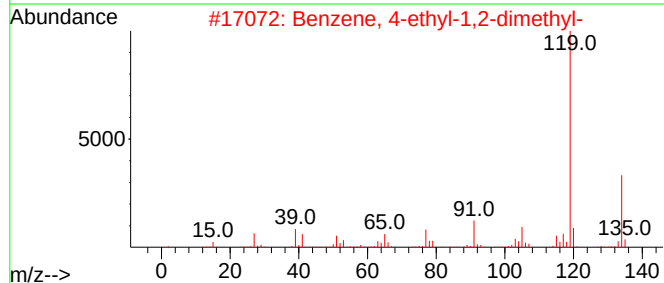
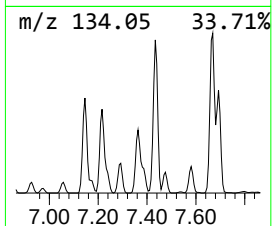
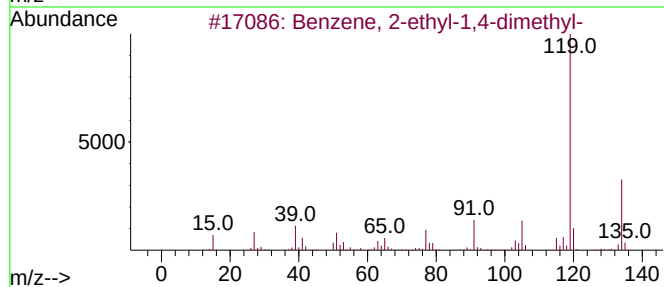
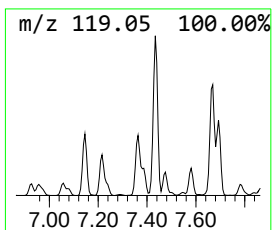
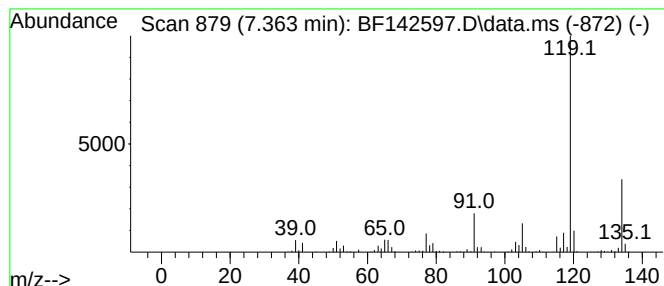
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.363	20.04 ng	711973	1,4-Dichlorobenzene-d4	6.898

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
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Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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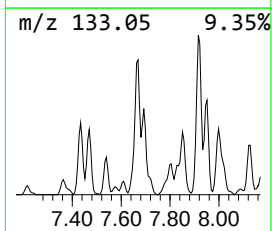
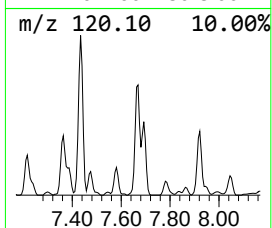
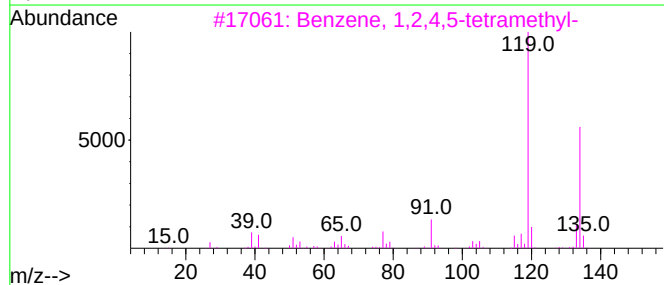
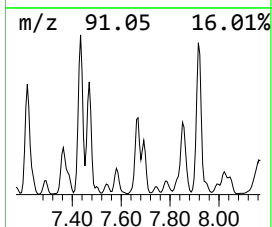
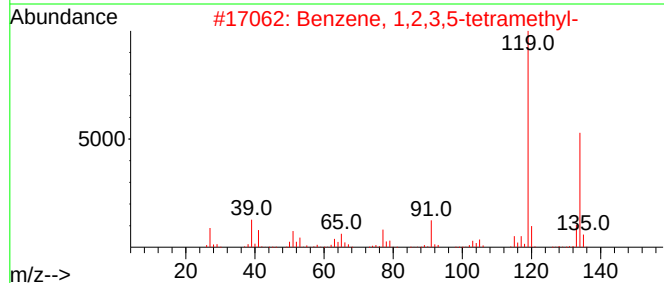
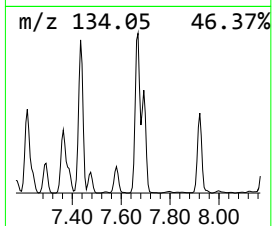
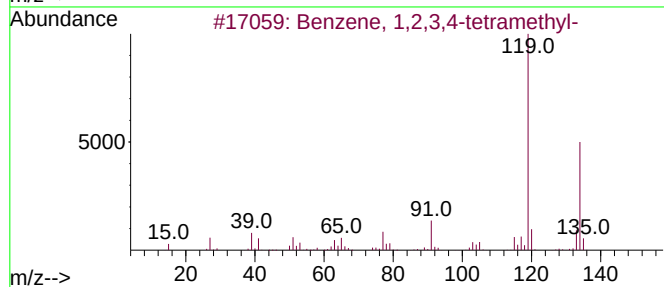
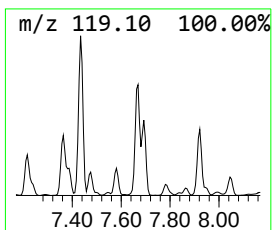
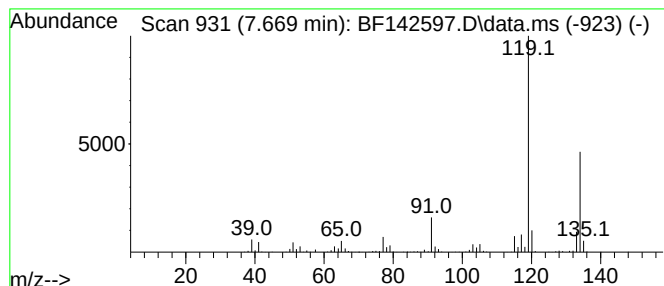
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.669	7.93 ng	937487	Naphthalene-d8	8.181

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
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Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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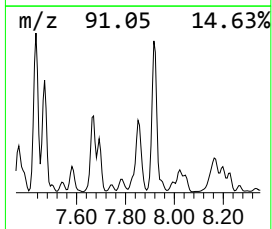
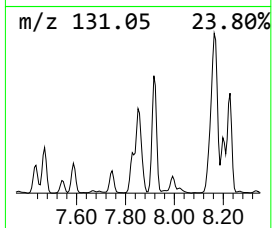
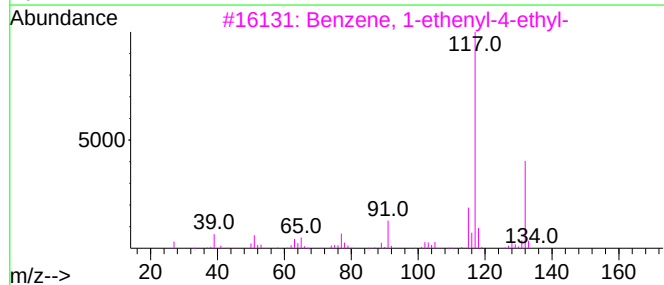
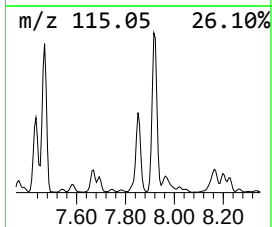
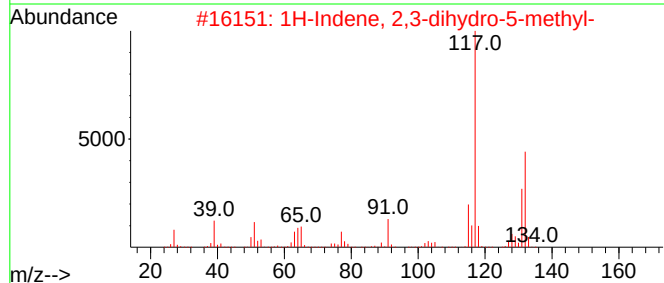
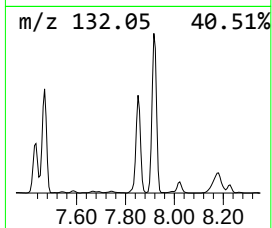
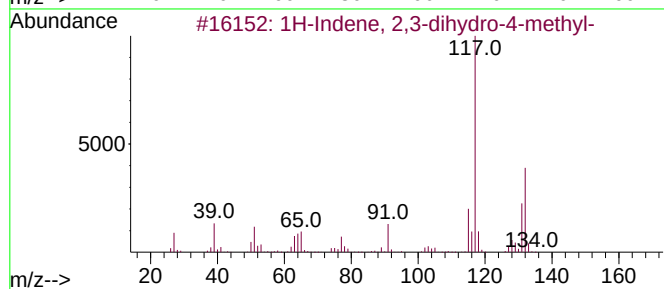
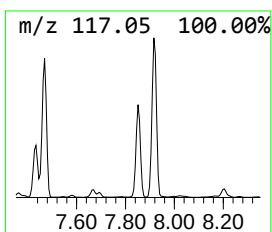
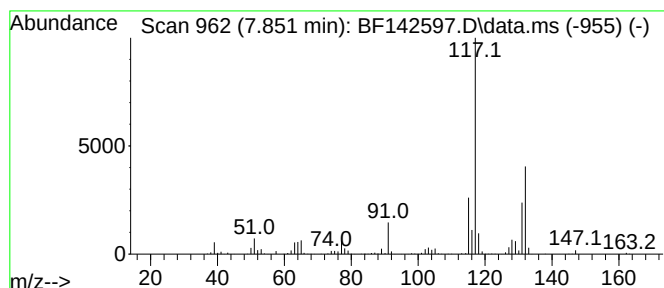
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.851	9.86 ng	1166070	Naphthalene-d8	8.181

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	80
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
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Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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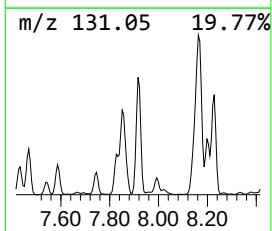
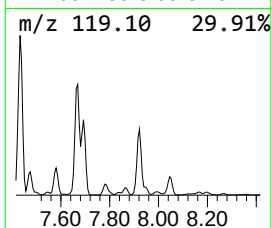
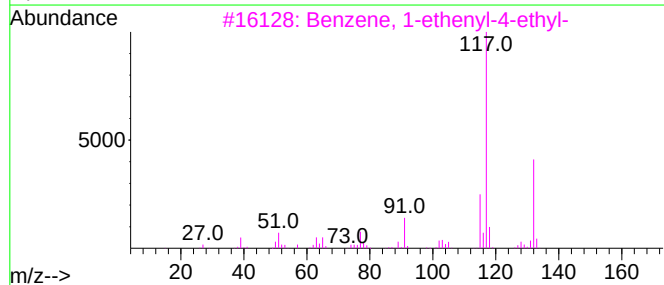
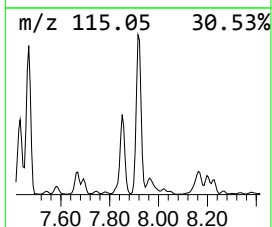
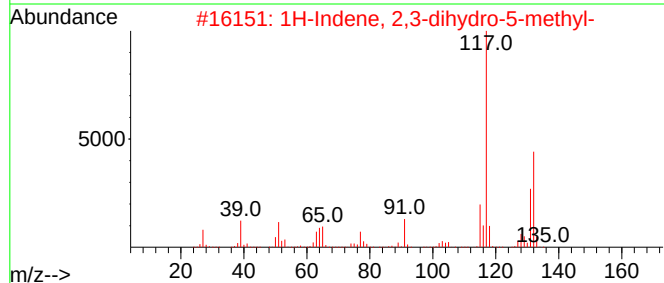
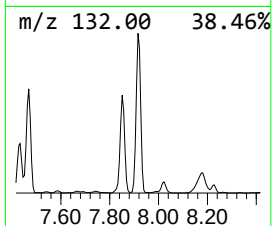
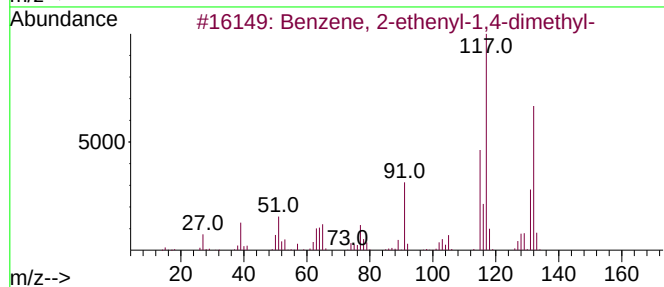
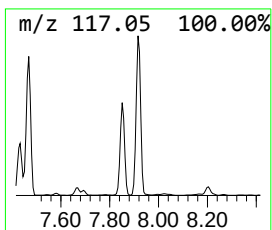
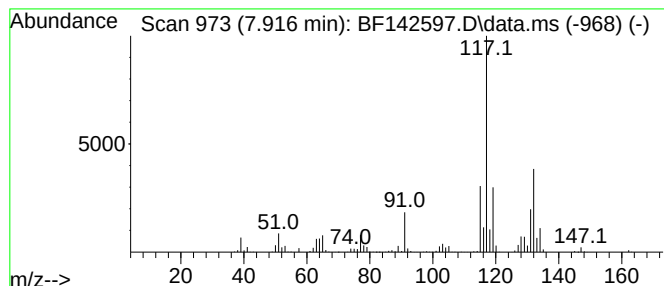
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.916	18.94 ng	2239970	Naphthalene-d8	8.181

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW10

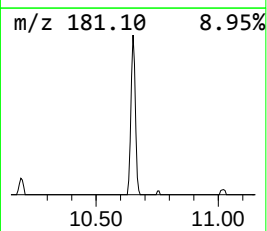
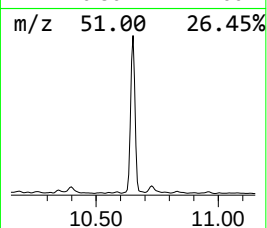
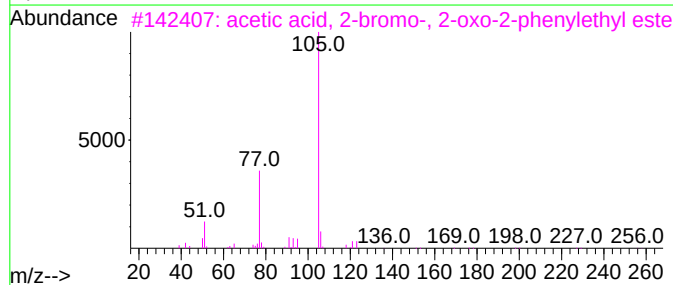
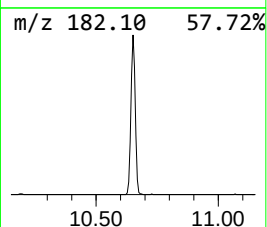
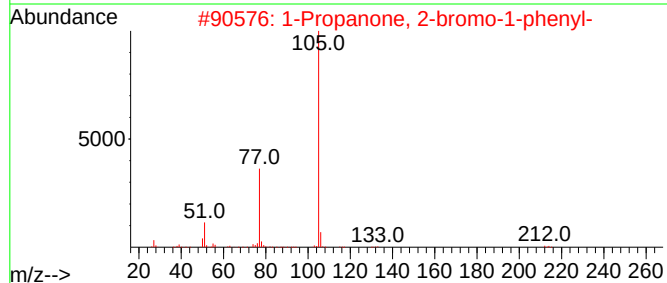
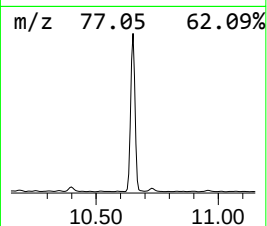
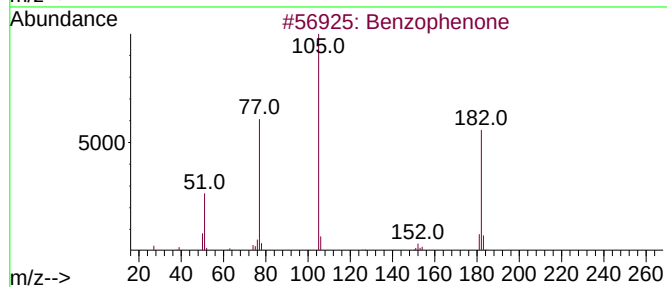
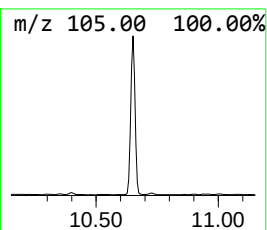
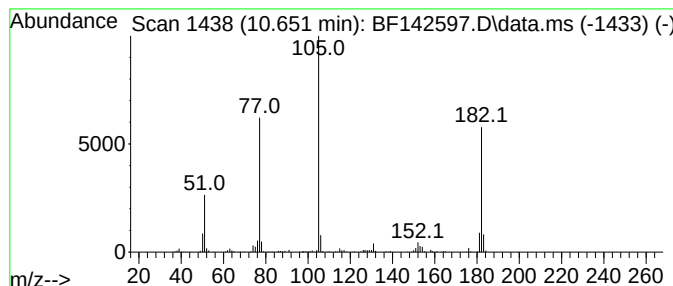
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	6.63 ng	331528	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
3			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
4			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW10

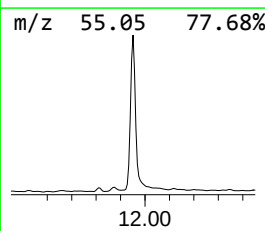
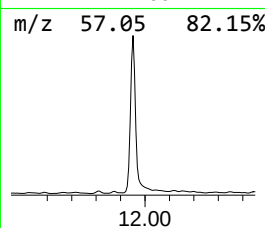
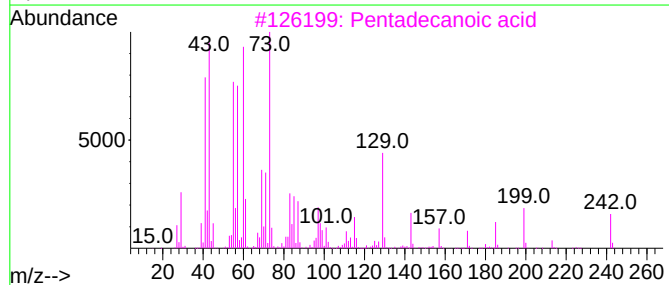
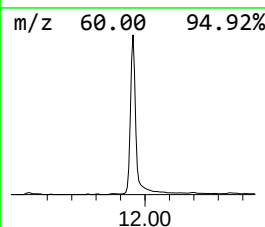
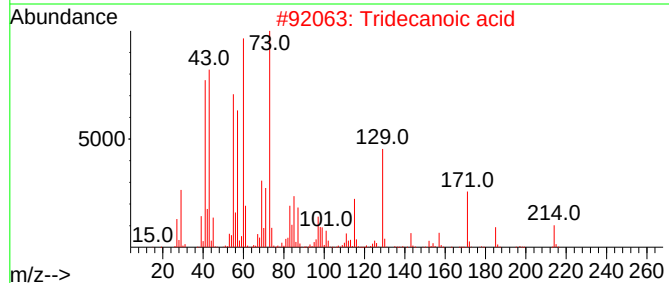
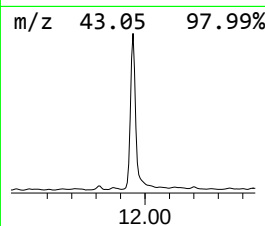
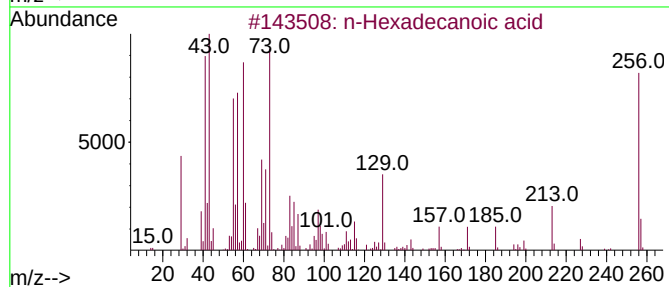
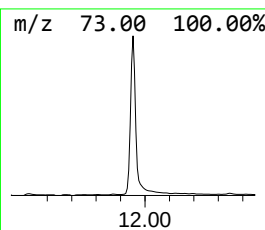
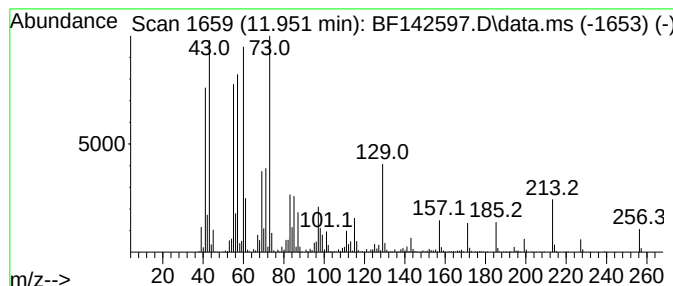
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	21.30 ng	940205	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

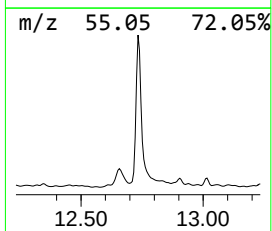
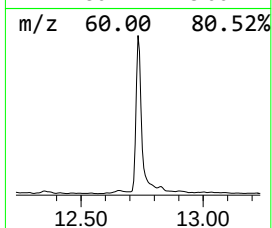
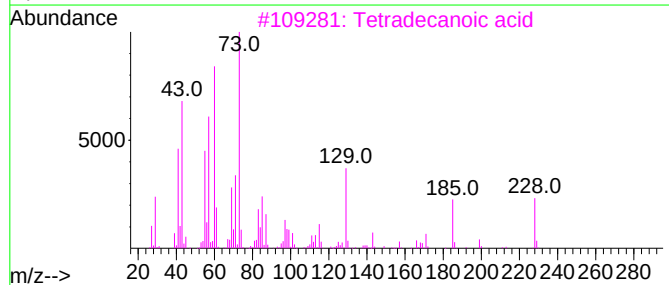
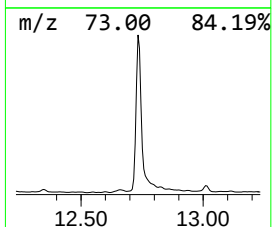
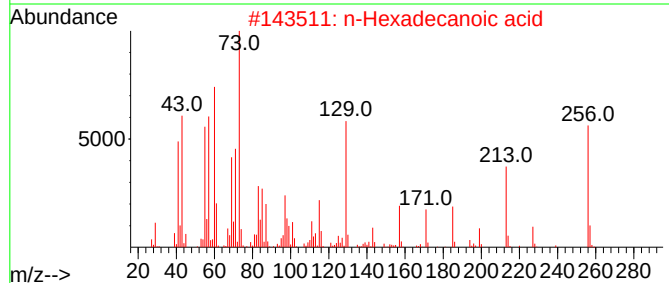
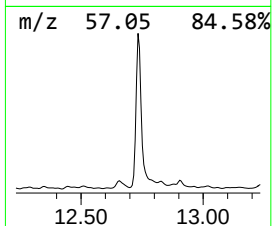
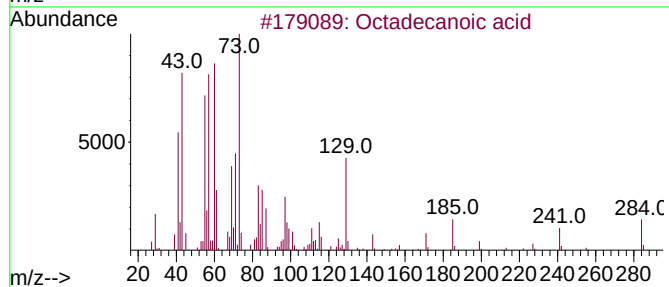
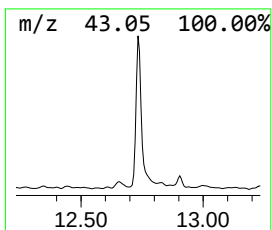
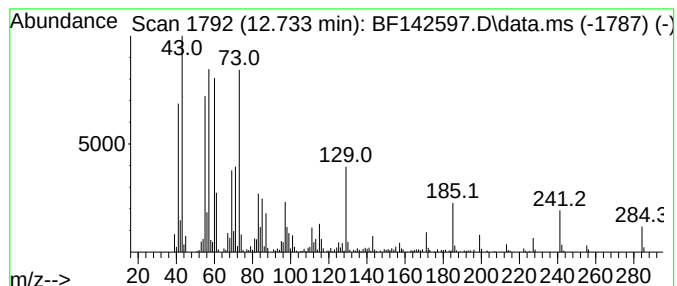
Instrument :
BNA_F
ClientSampleId :
MW10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.733	10.70 ng	472248	Phenanthrene-d10	11.428	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopentene, 1...	4.669	7.3	ng	259104	1	6.898	710479	20.0
Benzene, (1-met...	6.069	11.5	ng	408555	1	6.898	710479	20.0
Phenethylamine,...	6.357	13.6	ng	483222	1	6.898	710479	20.0
Benzene, 1-ethy...	6.422	8.5	ng	301177	1	6.898	710479	20.0
Indane	7.081	34.2	ng	1214830	1	6.898	710479	20.0
Benzene, 1,3-di...	7.145	23.0	ng	818542	1	6.898	710479	20.0
Benzene, 1,4-di...	7.216	23.2	ng	824428	1	6.898	710479	20.0
Benzene, 1-meth...	7.292	7.0	ng	246809	1	6.898	710479	20.0
Benzene, 2-ethy...	7.363	20.0	ng	711973	1	6.898	710479	20.0
Benzene, 1,2,3,...	7.669	7.9	ng	937487	2	8.181	2365660	20.0
1H-Indene, 2,3-...	7.851	9.9	ng	1166070	2	8.181	2365660	20.0
Benzene, 2-ethe...	7.916	18.9	ng	2239970	2	8.181	2365660	20.0
Benzophenone	10.651	6.6	ng	331528	3	9.939	1000520	20.0
n-Hexadecanoic ...	11.951	21.3	ng	940205	4	11.428	882841	20.0
Octadecanoic acid	12.733	10.7	ng	472248	4	11.428	882841	20.0



CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q2134 SAS No.: Q2134 SDG No.: Q2134
 Instrument ID: BNA_F Calibration Date(s): 05/20/2025 05/20/2025
 Calibration Time(s): 12:10 15:31

LAB FILE ID:		RRF2.5 = BF142467.D		RRF005 = BF142468.D		RRF010 = BF142469.D		
		RRF020 = BF142470.D		RRF040 = BF142471.D		RRF050 = BF142472.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.264	1.214	1.225	1.125	1.220	1.187	5.0
Benzaldehyde		1.035	0.975	0.969	0.817	0.872	0.859	17.8
Phenol-d6		1.530	1.449	1.459	1.367	1.467	1.429	4.8
bis(2-Chloroethyl)ether		1.202	1.155	1.168	1.108	1.209	1.157	3.5
2,2-oxybis(1-Chloropropane)		2.082	1.978	1.983	1.868	2.011	1.944	5.1
Acetophenone		0.480	0.453	0.459	0.429	0.452	0.443	6.0
n-Nitroso-di-n-propylamine	0.923	0.941	0.880	0.900	0.843	0.912	0.886	4.7
Nitrobenzene-d5		0.376	0.365	0.379	0.356	0.382	0.367	3.5
Hexachloroethane		0.533	0.503	0.523	0.489	0.529	0.507	4.2
Nitrobenzene		0.338	0.328	0.338	0.323	0.343	0.331	2.9
Isophorone		0.636	0.615	0.620	0.593	0.638	0.613	3.3
bis(2-Chloroethoxy)methane		0.406	0.394	0.394	0.364	0.391	0.383	4.6
Naphthalene		1.061	1.021	1.020	0.941	1.007	0.985	5.9
4-Chloroaniline		0.424	0.409	0.416	0.389	0.415	0.399	6.9
Hexachlorobutadiene		0.203	0.192	0.197	0.187	0.198	0.192	4.5
Caprolactam		0.081	0.076	0.083	0.079	0.085	0.080	4.3
2-Methylnaphthalene		0.679	0.638	0.646	0.590	0.631	0.620	6.6
Hexachlorocyclopentadiene		0.318	0.350	0.383	0.393	0.430	0.387	10.6
2-Fluorobiphenyl		1.726	1.619	1.558	1.387	1.480	1.490	10.5
1,1-Biphenyl		1.672	1.605	1.595	1.480	1.595	1.552	5.8
2-Chloronaphthalene		1.218	1.170	1.177	1.094	1.183	1.146	4.8
2-Nitroaniline		0.333	0.318	0.338	0.324	0.354	0.331	3.7
Dimethylphthalate		1.441	1.340	1.367	1.255	1.366	1.320	6.2
Acenaphthylene		2.064	1.982	2.027	1.851	1.998	1.936	5.8
2,6-Dinitrotoluene		0.290	0.283	0.289	0.280	0.302	0.285	3.7
3-Nitroaniline		0.320	0.309	0.328	0.299	0.330	0.311	5.0
Acenaphthene		1.259	1.222	1.227	1.120	1.223	1.182	5.7
Dibenzofuran		1.886	1.766	1.768	1.606	1.736	1.701	7.4
2,4-Dinitrotoluene		0.372	0.367	0.387	0.364	0.398	0.372	4.6
Diethylphthalate		1.422	1.310	1.359	1.231	1.343	1.289	7.5
4-Chlorophenyl-phenylether		0.724	0.678	0.676	0.609	0.653	0.646	8.3
Fluorene		1.477	1.399	1.372	1.231	1.343	1.314	8.9
4-Nitroaniline		0.303	0.283	0.303	0.277	0.294	0.282	7.0
n-Nitrosodiphenylamine		0.712	0.682	0.696	0.649	0.697	0.684	3.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q2134 SAS No.: Q2134 SDG No.: Q2134
 Instrument ID: BNA_F Calibration Date(s): 05/20/2025 05/20/2025
 Calibration Time(s): 12:10 15:31

LAB FILE ID:		RRF2.5 = BF142467.D			RRF005 = BF142468.D		RRF010 = BF142469.D	
		RRF020 = BF142470.D			RRF040 = BF142471.D		RRF050 = BF142472.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,4,6-Tribromophenol		0.230	0.225	0.234	0.211	0.233	0.222	5.4
4-Bromophenyl-phenylether		0.240	0.235	0.239	0.222	0.246	0.236	3.5
Hexachlorobenzene		0.265	0.267	0.263	0.251	0.273	0.262	3.2
Atrazine		0.184	0.174	0.186	0.178	0.196	0.182	4.3
Phenanthrene		1.196	1.094	1.100	1.012	1.085	1.069	7.0
Anthracene		1.191	1.132	1.124	1.036	1.110	1.091	6.1
Carbazole		1.030	0.968	0.982	0.889	0.950	0.933	7.4
Di-n-butylphthalate		1.108	1.039	1.083	0.976	1.059	1.021	7.0
Fluoranthene		1.177	1.081	1.052	0.938	0.997	0.999	11.4
Pyrene		1.929	1.967	2.066	1.859	1.959	1.866	9.8
Terphenyl-d14		1.624	1.582	1.660	1.423	1.492	1.464	12.8
Butylbenzylphthalate		0.462	0.453	0.525	0.526	0.575	0.516	8.5
3,3-Dichlorobenzidine		0.360	0.364	0.402	0.407	0.444	0.405	8.3
Benzo (a) anthracene		1.424	1.287	1.403	1.278	1.391	1.336	5.4
Chrysene		1.222	1.204	1.193	1.145	1.255	1.200	3.2
Bis(2-ethylhexyl)phthalate		0.510	0.548	0.618	0.673	0.765	0.660	15.9
Di-n-octyl phthalate			0.958	1.108	1.266	1.432	1.290	17.3
Benzo (b) fluoranthene		1.317	1.105	1.293	1.126	1.209	1.184	7.6
Benzo (k) fluoranthene		1.191	1.166	1.032	1.042	1.178	1.109	6.7
Benzo (a) pyrene		1.154	1.081	1.114	1.081	1.185	1.116	4.0
Indeno (1,2,3-cd) pyrene		1.421	1.495	1.583	1.448	1.583	1.501	4.6
Dibenzo (a,h) anthracene		1.152	1.228	1.275	1.184	1.290	1.218	4.7
Benzo (g,h,i) perylene		1.154	1.220	1.270	1.180	1.299	1.218	4.6
1,2,4,5-Tetrachlorobenzene		0.592	0.580	0.588	0.552	0.592	0.574	3.4
1,4-Dioxane		0.493	0.460	0.474	0.458	0.500	0.475	3.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF052025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue May 20 16:26:47 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF142467.D 5 =BF142468.D 10 =BF142469.D 20 =BF142470.D 40 =BF142471.D 50 =BF142472.D 60 =BF142473.D 80 =BF142474.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.493	0.460	0.474	0.458	0.500	0.486	0.456	0.475	3.79	
3)	Pyridine	1.237	1.150	1.212	1.170	1.273	1.234	1.190	1.210	3.52	
4)	n-Nitrosodimet...	0.612	0.593	0.627	0.619	0.673	0.652	0.621	0.628	4.21	
5) S	2-Fluorophenol	1.264	1.214	1.225	1.125	1.220	1.164	1.098	1.187	5.03	
6)	Aniline	2.044	1.889	1.963	1.844	1.993	1.910	1.808	1.921	4.35	
7) S	Phenol-d6	1.530	1.449	1.459	1.367	1.467	1.403	1.328	1.429	4.77	
8)	2-Chlorophenol	1.345	1.293	1.315	1.252	1.338	1.285	1.223	1.293	3.44	
9)	Benzaldehyde	1.035	0.975	0.969	0.817	0.872	0.758	0.591	0.859	17.81	
10) C	Phenol	1.716	1.621	1.646	1.530	1.657	1.597	1.487	1.608	4.85	
11)	bis(2-Chloroet...	1.202	1.155	1.168	1.108	1.209	1.156	1.105	1.157	3.52	
12)	1,3-Dichlorobe...	1.562	1.470	1.473	1.389	1.482	1.407	1.317	1.443	5.48	
13) C	1,4-Dichlorobe...	1.540	1.476	1.491	1.407	1.495	1.430	1.335	1.453	4.70	
14)	1,2-Dichlorobe...	1.495	1.405	1.436	1.327	1.432	1.357	1.284	1.391	5.20	
15)	Benzyl Alcohol	1.059	1.024	1.058	1.021	1.131	1.073	1.026	1.056	3.69	
16)	2,2'-oxybis(1-...	2.082	1.978	1.983	1.868	2.011	1.898	1.786	1.944	5.11	
17)	2-Methylphenol	1.040	0.992	1.026	0.976	1.053	1.015	0.965	1.010	3.27	
18)	Hexachloroethane	0.533	0.503	0.523	0.489	0.529	0.497	0.477	0.507	4.23	
19) P	n-Nitroso-di-n...	0.923	0.941	0.880	0.900	0.843	0.912	0.866	0.819	0.886	4.69
20)	3+4-Methylphenols	1.412	1.319	1.337	1.246	1.337	1.250	1.149	1.293	6.59	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.480	0.453	0.459	0.429	0.452	0.428	0.399	0.443	5.98	
23) S	Nitrobenzene-d5	0.376	0.365	0.379	0.356	0.382	0.363	0.347	0.367	3.51	
24)	Nitrobenzene	0.338	0.328	0.338	0.323	0.343	0.331	0.316	0.331	2.94	
25)	Isophorone	0.636	0.615	0.620	0.593	0.638	0.607	0.585	0.613	3.26	
26) C	2-Nitrophenol	0.167	0.170	0.180	0.175	0.190	0.182	0.173	0.177	4.44	
27)	2,4-Dimethylph...	0.315	0.315	0.318	0.303	0.325	0.312	0.295	0.312	3.22	
28)	bis(2-Chloroet...	0.406	0.394	0.394	0.364	0.391	0.375	0.358	0.383	4.63	
29) C	2,4-Dichloroph...	0.288	0.282	0.290	0.276	0.300	0.283	0.266	0.283	3.74	
30)	1,2,4-Trichlor...	0.325	0.313	0.317	0.295	0.320	0.300	0.284	0.308	4.89	
31)	Naphthalene	1.061	1.021	1.020	0.941	1.007	0.953	0.891	0.985	5.94	
32)	Benzoic acid		0.153	0.176	0.188	0.211	0.209	0.201	0.190	11.73	
33)	4-Chloroaniline	0.424	0.409	0.416	0.389	0.415	0.397	0.343	0.399	6.87	
34) C	Hexachlorobuta...	0.203	0.192	0.197	0.187	0.198	0.192	0.176	0.192	4.52	
35)	Caprolactam	0.081	0.076	0.083	0.079	0.085	0.078	0.076	0.080	4.29	
36) C	4-Chloro-3-met...	0.304	0.290	0.299	0.282	0.301	0.287	0.271	0.291	4.02	
37)	2-Methylnaphth...	0.679	0.638	0.646	0.590	0.631	0.598	0.556	0.620	6.62	
38)	1-Methylnaphth...	0.703	0.668	0.672	0.615	0.650	0.611	0.566	0.641	7.19	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF052025.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.592	0.580	0.588	0.552	0.592	0.573	0.544	0.574	3.39	
41) P	Hexachlorocycl...	0.318	0.350	0.383	0.393	0.430	0.425	0.411	0.387	10.57	
42) S	2,4,6-Tribromo...	0.230	0.225	0.234	0.211	0.233	0.218	0.202	0.222	5.39	
43) C	2,4,6-Trichlor...	0.387	0.373	0.406	0.371	0.406	0.388	0.379	0.387	3.69	
44)	2,4,5-Trichlor...	0.410	0.411	0.416	0.395	0.437	0.408	0.381	0.408	4.27	
45) S	2-Fluorobiphenyl	1.726	1.619	1.558	1.387	1.480	1.396	1.268	1.490	10.46	
46)	1,1'-Biphenyl	1.672	1.605	1.595	1.480	1.595	1.507	1.408	1.552	5.82	
47)	2-Chloronaphth...	1.218	1.170	1.177	1.094	1.183	1.122	1.061	1.146	4.84	
48)	2-Nitroaniline	0.333	0.318	0.338	0.324	0.354	0.332	0.320	0.331	3.72	
49)	Acenaphthylene	2.064	1.982	2.027	1.851	1.998	1.885	1.745	1.936	5.85	
50)	Dimethylphthalate	1.441	1.340	1.367	1.255	1.366	1.256	1.211	1.320	6.16	
51)	2,6-Dinitrotol...	0.290	0.283	0.289	0.280	0.302	0.281	0.268	0.285	3.74	
52) C	Acenaphthene	1.259	1.222	1.227	1.120	1.223	1.146	1.077	1.182	5.72	
53)	3-Nitroaniline	0.320	0.309	0.327	0.299	0.330	0.305	0.287	0.311	5.02	
54) P	2,4-Dinitrophenol		0.110	0.137	0.149	0.169	0.160	0.158	0.147	14.36	
55)	Dibenzofuran	1.886	1.766	1.768	1.606	1.736	1.635	1.509	1.701	7.38	
56) P	4-Nitrophenol	0.221	0.217	0.242	0.227	0.252	0.229	0.220	0.230	5.57	
57)	2,4-Dinitrotol...	0.372	0.367	0.387	0.364	0.398	0.372	0.344	0.372	4.62	
58)	Fluorene	1.477	1.399	1.372	1.231	1.343	1.238	1.140	1.314	8.85	
59)	2,3,4,6-Tetrac...	0.347	0.336	0.360	0.333	0.361	0.333	0.317	0.341	4.71	
60)	Diethylphthalate	1.422	1.310	1.359	1.231	1.343	1.218	1.140	1.289	7.51	
61)	4-Chlorophenyl...	0.724	0.678	0.676	0.609	0.653	0.612	0.566	0.646	8.25	
62)	4-Nitroaniline	0.303	0.283	0.303	0.277	0.294	0.265	0.251	0.282	6.95	
63)	Azobenzene	1.239	1.194	1.188	1.107	1.197	1.123	1.055	1.158	5.55	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.086	0.094	0.110	0.115	0.129	0.125	0.123	0.112	14.72	
66) c	n-Nitrosodiphe...	0.712	0.682	0.696	0.649	0.697	0.694	0.660	0.684	3.30	
67)	4-Bromophenyl-...	0.240	0.235	0.239	0.222	0.246	0.243	0.230	0.236	3.45	
68)	Hexachlorobenzene	0.265	0.267	0.263	0.251	0.273	0.262	0.250	0.262	3.19	
69)	Atrazine	0.184	0.174	0.186	0.178	0.196	0.181	0.174	0.182	4.29	
70) C	Pentachlorophenol	0.130	0.135	0.149	0.147	0.162	0.157	0.154	0.148	7.88	
71)	Phenanthrene	1.196	1.094	1.100	1.012	1.085	1.033	0.964	1.069	7.00	
72)	Anthracene	1.191	1.132	1.124	1.036	1.110	1.048	0.996	1.091	6.15	
73)	Carbazole	1.030	0.968	0.982	0.889	0.950	0.877	0.832	0.933	7.39	
74)	Di-n-butylphth...	1.108	1.039	1.083	0.976	1.059	0.974	0.908	1.021	6.95	
75) C	Fluoranthene	1.177	1.081	1.052	0.938	0.997	0.901	0.846	0.999	11.41	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.670	0.782	0.903	0.797	0.805	0.698	0.556	0.744	15.12	
78)	Pyrene	1.929	1.967	2.066	1.859	1.959	1.773	1.507	1.866	9.79	
79) S	Terphenyl-d14	1.624	1.582	1.660	1.423	1.492	1.337	1.126	1.464	12.80	
80)	Butylbenzylpht...	0.462	0.453	0.525	0.526	0.575	0.550	0.517	0.516	8.54	
81)	Benzo(a)anthra...	1.424	1.287	1.403	1.278	1.391	1.327	1.238	1.336	5.36	
82)	3,3'-Dichlorob...	0.360	0.364	0.402	0.407	0.444	0.442	0.417	0.405	8.30	
83)	Chrysene	1.222	1.204	1.193	1.145	1.255	1.223	1.158	1.200	3.20	
84)	Bis(2-ethylhex...	0.510	0.548	0.618	0.673	0.765	0.778	0.727	0.660	15.91	
85) c	Di-n-octyl pht...		0.958	1.108	1.266	1.432	1.542	1.437	1.290	17.30	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.421	1.495	1.583	1.448	1.583	1.546	1.434	1.501	4.64	
88)	Benzo(b)fluora...	1.317	1.105	1.293	1.126	1.209	1.122	1.114	1.184	7.62	
89)	Benzo(k)fluora...	1.191	1.166	1.032	1.042	1.178	1.128	1.023	1.109	6.68	
90) C	Benzo(a)pyrene	1.154	1.081	1.114	1.081	1.185	1.133	1.062	1.116	4.00	
91)	Dibenzo(a,h)an...	1.152	1.228	1.275	1.184	1.290	1.245	1.149	1.218	4.67	
92)	Benzo(g,h,i)pe...	1.154	1.220	1.270	1.180	1.299	1.245	1.158	1.218	4.64	

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142467.D
 Acq On : 20 May 2025 12:10
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: May 20 16:54:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

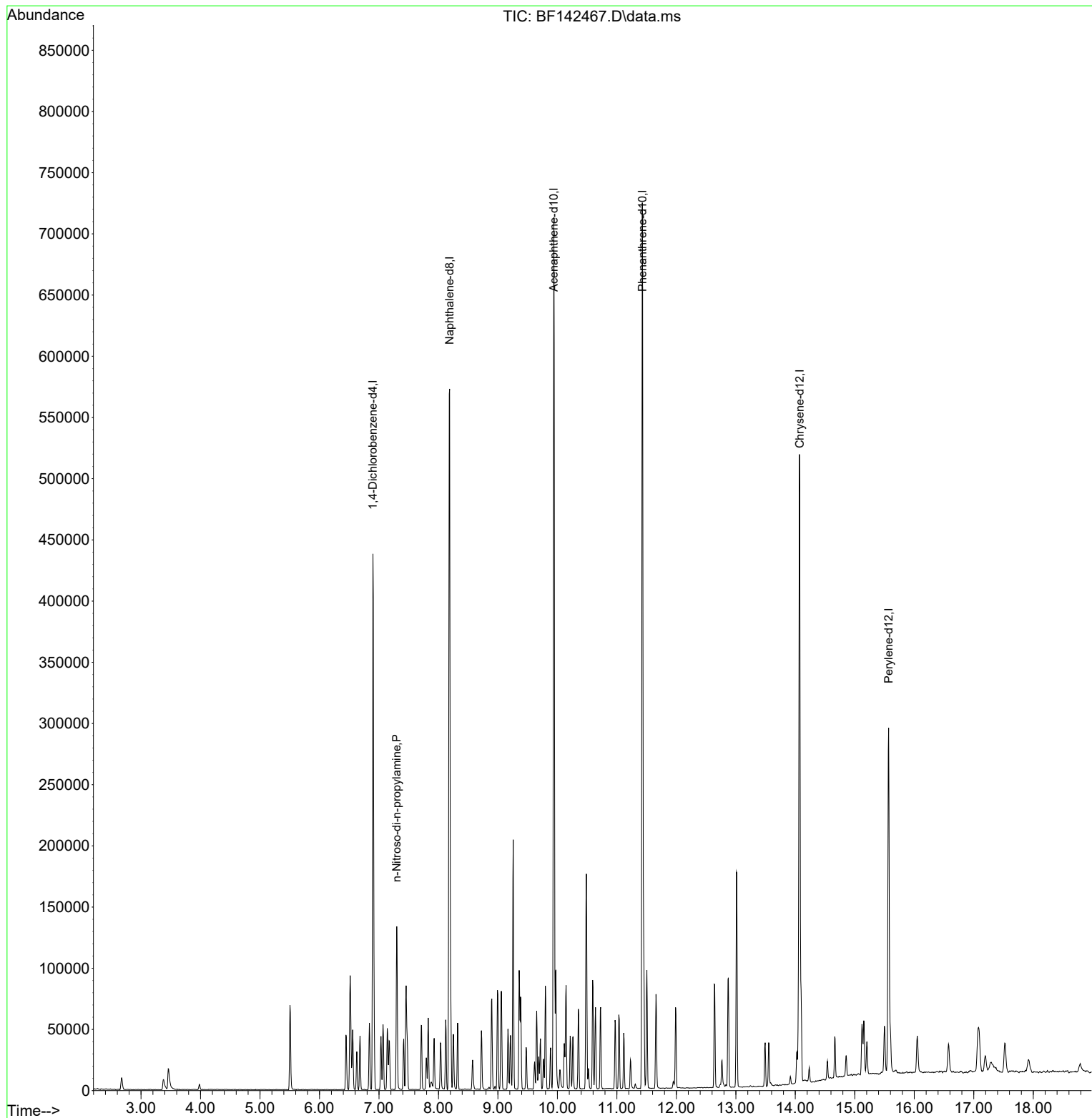
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	93808	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	371457	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	211662	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	381744	20.000	ng	0.00
76) Chrysene-d12	14.074	240	236443	20.000	ng	0.00
86) Perylene-d12	15.568	264	169046	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...	7.298	70	10828	2.607	ng	Qvalue 97

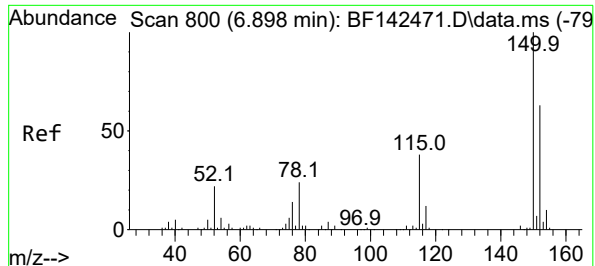
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142467.D
Acq On : 20 May 2025 12:10
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: May 20 16:54:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.898 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF142467.D

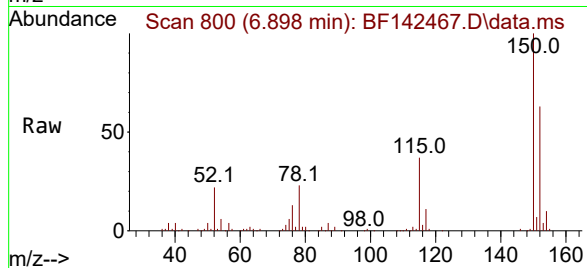
Acq: 20 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



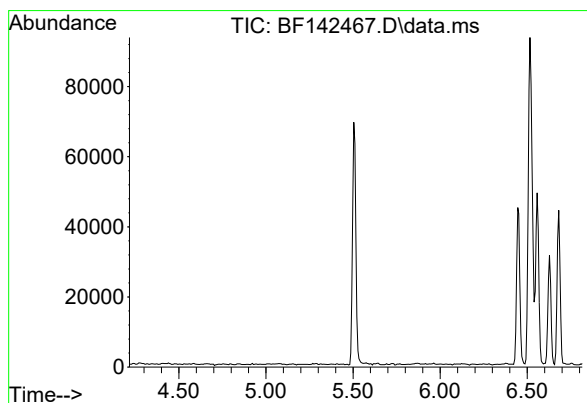
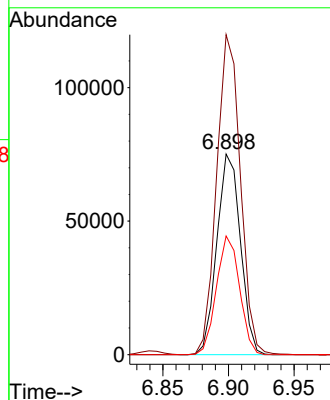
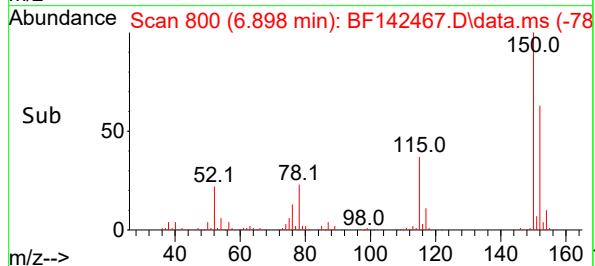
Tgt Ion:152 Resp: 93808

Ion Ratio Lower Upper

152 100

150 159.5 128.2 192.4

115 59.2 48.3 72.5



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.52 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

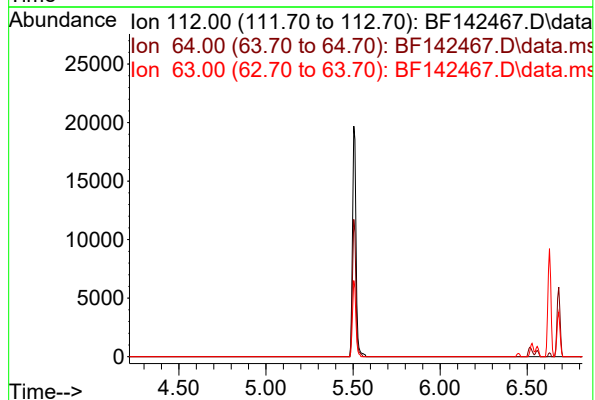
Tgt Ion: 112

Sig Exp Ratio

112 100

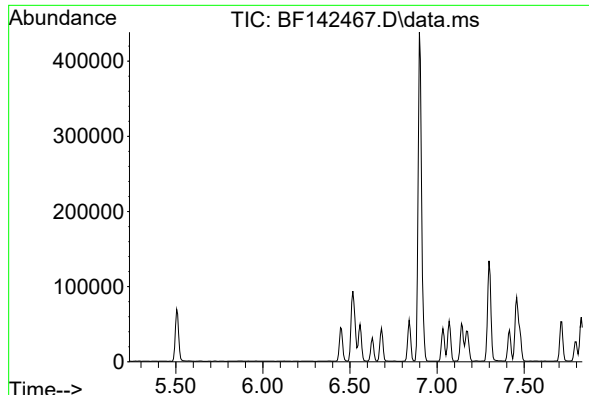
64 59.4

63 31.1



Ion 64.00 (63.70 to 64.70): BF142467.D\data.ms

Ion 63.00 (62.70 to 63.70): BF142467.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.53 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

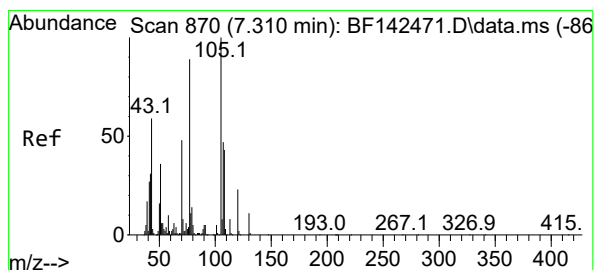
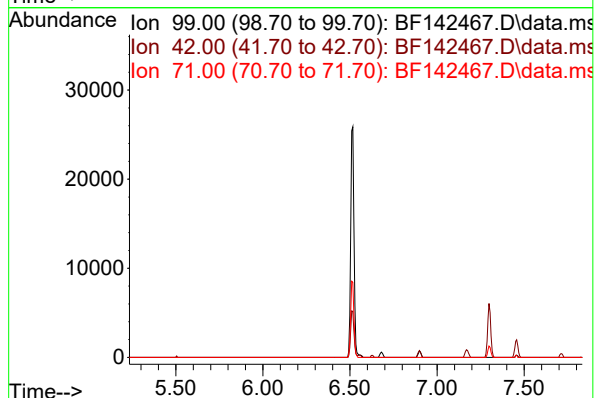
Tgt Ion: 99

Sig Exp Ratio

99 100

42 20.2

71 34.1



#19

n-Nitroso-di-n-propylamine

Concen: 2.607 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.029 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

Tgt Ion: 70 Resp: 10828

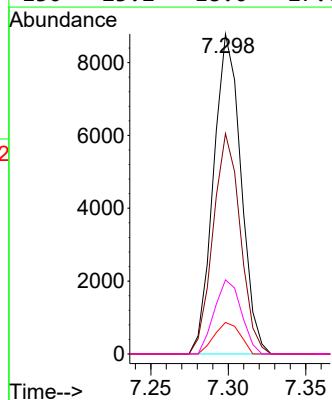
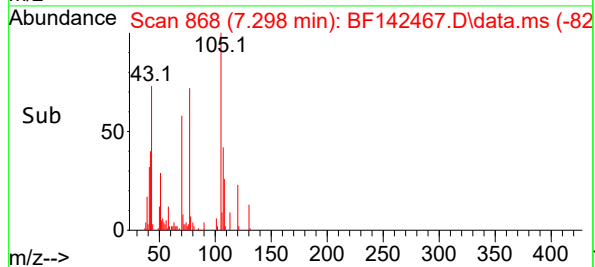
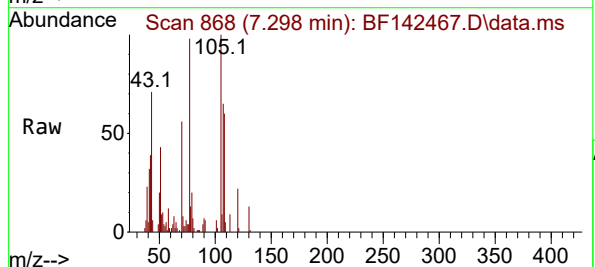
Ion Ratio Lower Upper

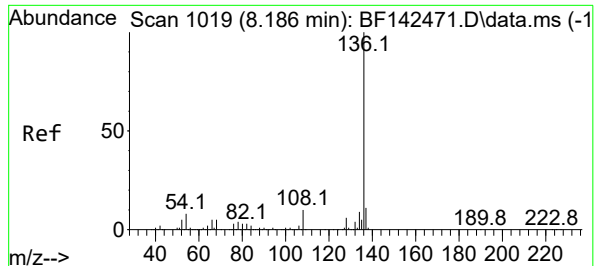
70 100

42 68.8 52.4 78.6

101 9.9 7.8 11.8

130 23.2 18.0 27.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142467.D

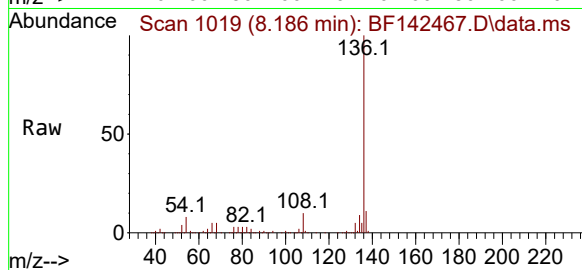
Acq: 20 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 371457

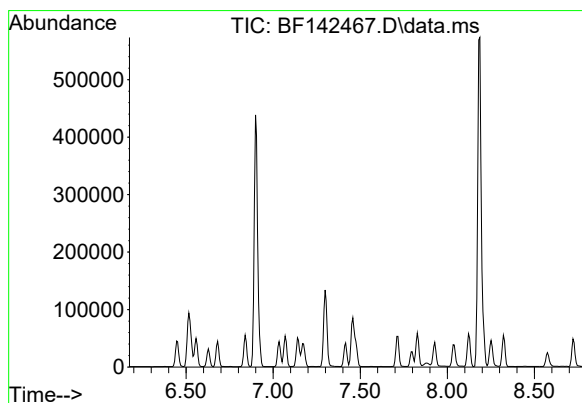
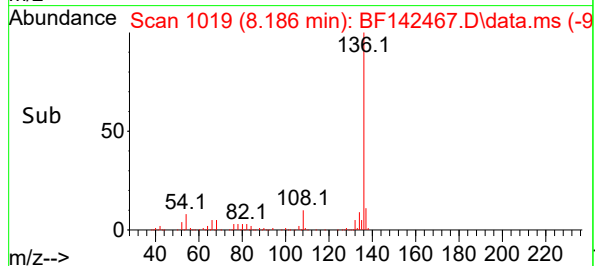
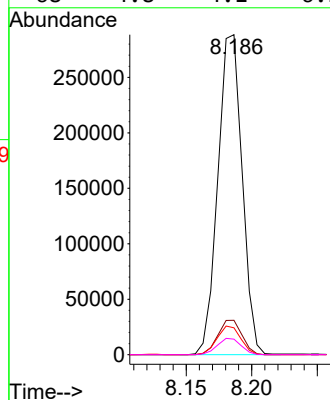
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.4 6.6 10.0

68 4.8 4.1 6.1



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.47 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

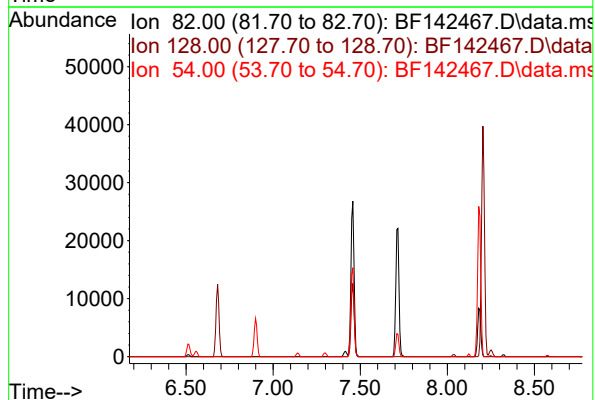
Tgt Ion: 82

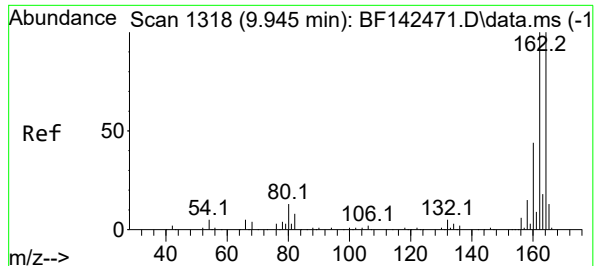
Sig Exp Ratio

82 100

128 46.8

54 58.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142467.D

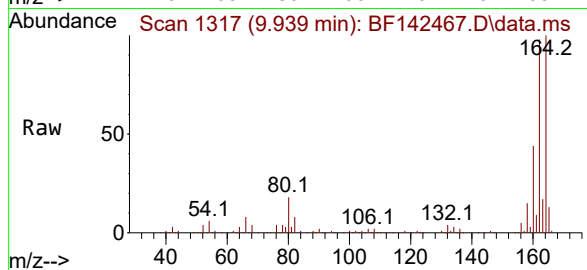
Acq: 20 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



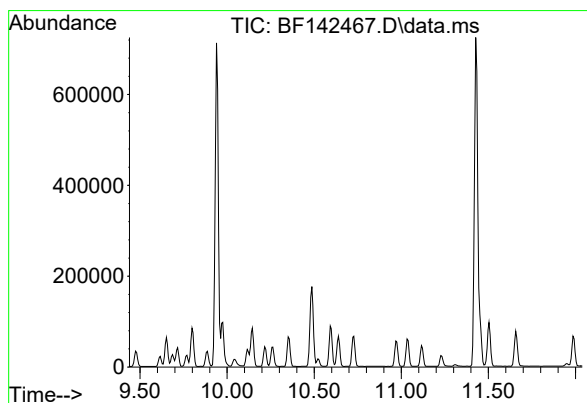
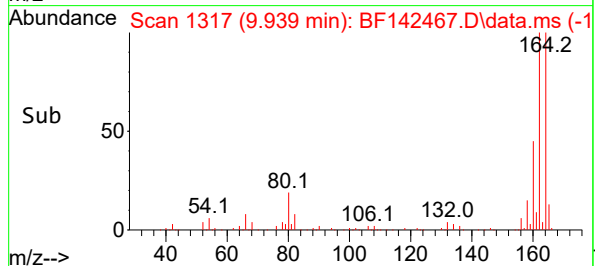
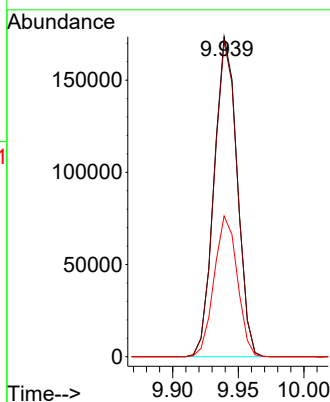
Tgt Ion:164 Resp: 211662

Ion Ratio Lower Upper

164 100

162 98.5 80.2 120.4

160 44.0 35.6 53.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.74 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

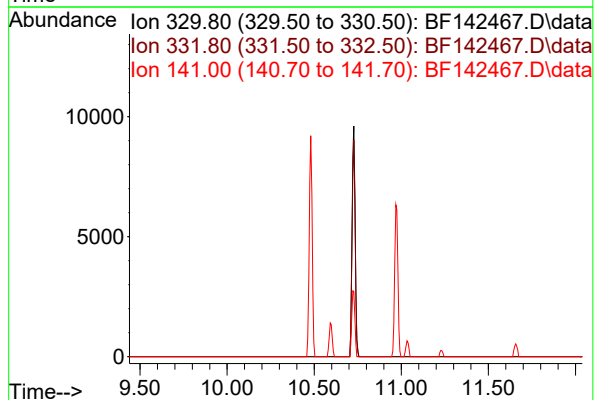
Tgt Ion: 330

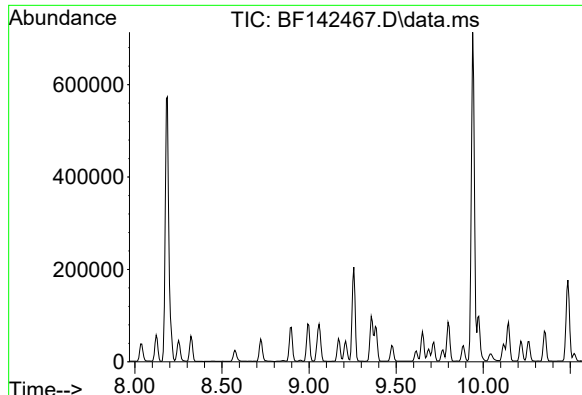
Sig Exp Ratio

330 100

332 97.0

141 30.7





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.27 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

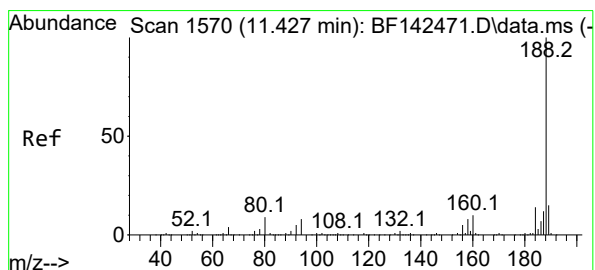
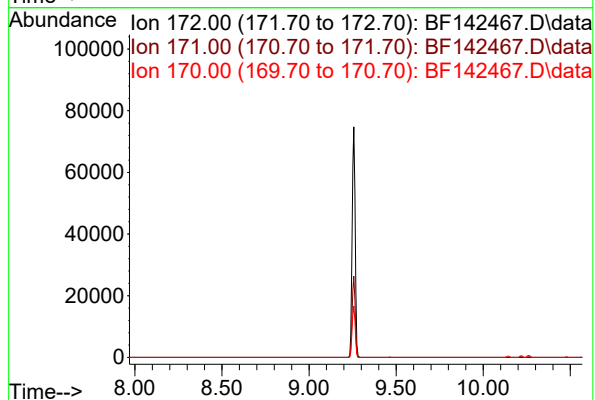
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.7

170 23.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

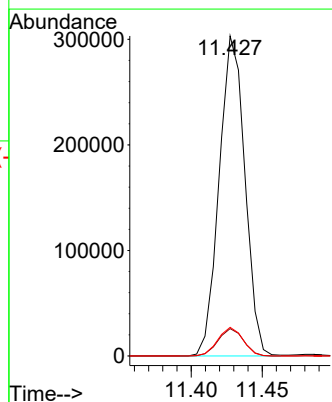
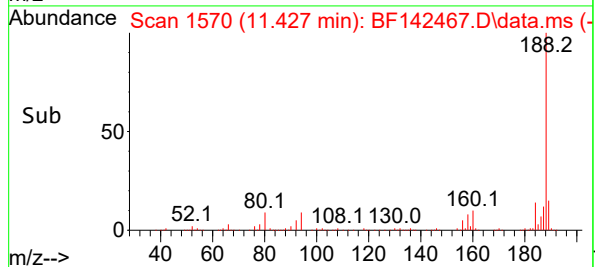
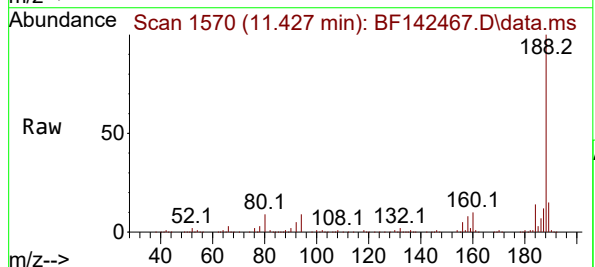
Tgt Ion:188 Resp: 381744

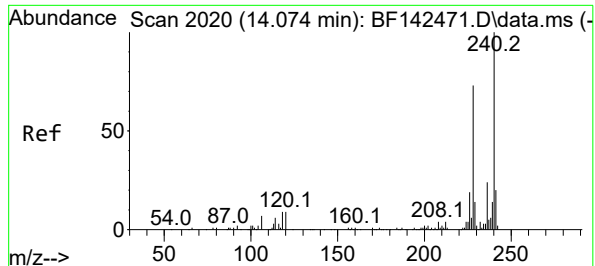
Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

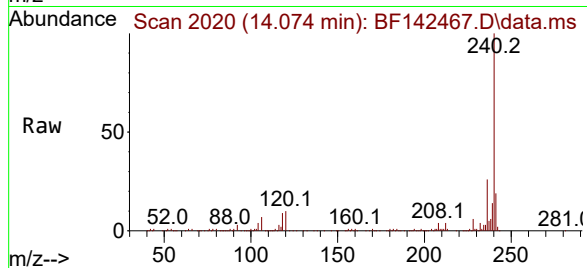
80 9.0 7.4 11.0



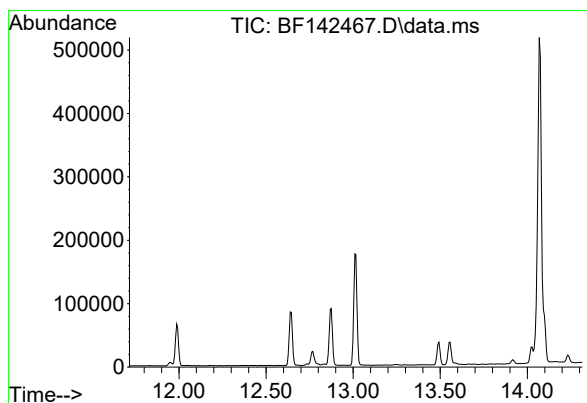
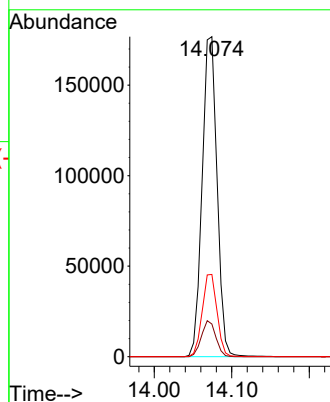
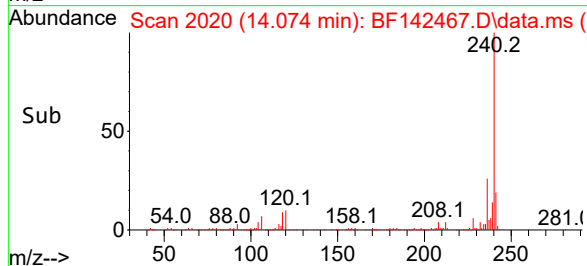


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



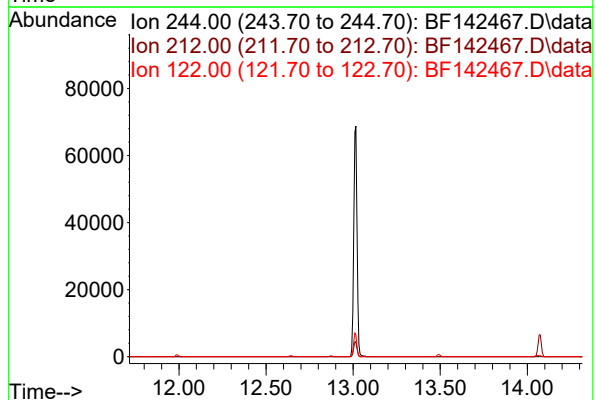
Tgt Ion:240 Resp: 236443
Ion Ratio Lower Upper
240 100
120 10.2 7.5 11.3
236 25.7 19.6 29.4



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

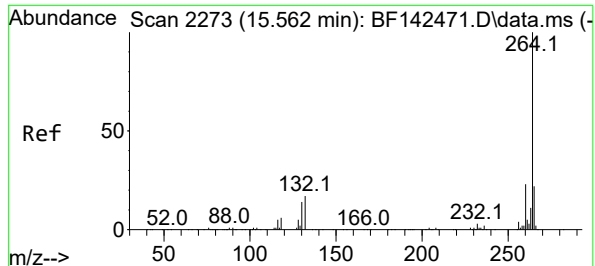
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.6
122 10.2



Ion 212.00 (211.70 to 212.70): BF142467.D\data

Ion 122.00 (121.70 to 122.70): BF142467.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142467.D

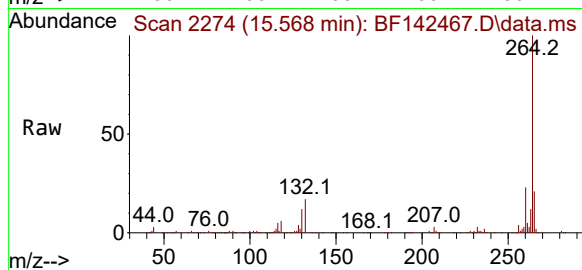
Acq: 20 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



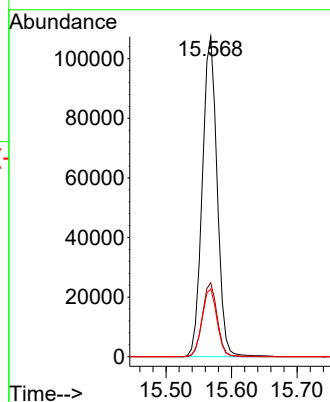
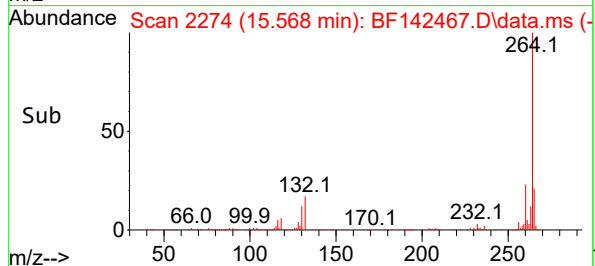
Tgt Ion:264 Resp: 169046

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.2 17.7 26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142468.D
 Acq On : 20 May 2025 12:38
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: May 20 16:54:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	87254	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	345154	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	197100	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	349474	20.000	ng	0.00
76) Chrysene-d12	14.074	240	218524	20.000	ng	0.00
86) Perylene-d12	15.568	264	154887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	55140	10.647	ng	-0.01
7) Phenol-d6	6.516	99	66768	10.710	ng	-0.02
23) Nitrobenzene-d5	7.457	82	64876	10.249	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	22702	10.378	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	170142	11.583	ng	-0.01
79) Terphenyl-d14	13.016	244	177430	11.096	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	10748	5.186	ng	97
3) Pyridine	3.451	79	26993	5.115	ng	98
4) n-Nitrosodimethylamine	3.369	42	13346	4.870	ng	# 97
6) Aniline	6.557	93	44576	5.318	ng	98
8) 2-Chlorophenol	6.681	128	29341	5.201	ng	98
9) Benzaldehyde	6.445	77	22572	6.020	ng	98
10) Phenol	6.528	94	37431	5.336	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	26215	5.192	ng	98
12) 1,3-Dichlorobenzene	6.839	146	34073	5.413	ng	97
13) 1,4-Dichlorobenzene	6.916	146	33593	5.298	ng	99
14) 1,2-Dichlorobenzene	7.069	146	32604	5.374	ng	99
15) Benzyl Alcohol	7.034	79	23103	5.015	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	45414	5.355	ng	99
17) 2-Methylphenol	7.139	107	22693	5.153	ng	98
18) Hexachloroethane	7.416	117	11635	5.255	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	20527	5.313	ng	96
20) 3+4-Methylphenols	7.292	107	30797	5.460	ng	# 88
22) Acetophenone	7.304	105	41438	5.423	ng	99
24) Nitrobenzene	7.475	77	29193	5.114	ng	96
25) Isophorone	7.716	82	54838	5.182	ng	98
26) 2-Nitrophenol	7.798	139	14387	4.716	ng	99
27) 2,4-Dimethylphenol	7.828	122	27170	5.051	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	35010	5.296	ng	97
29) 2,4-Dichlorophenol	8.034	162	24812	5.072	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	28037	5.281	ng	97
31) Naphthalene	8.204	128	91563	5.388	ng	100
33) 4-Chloroaniline	8.251	127	36597	5.314	ng	98
34) Hexachlorobutadiene	8.322	225	17505	5.280	ng	99
35) Caprolactam	8.581	113	7020	5.109	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	26197	5.225	ng	97
37) 2-Methylnaphthalene	8.898	142	58574	5.478	ng	99
38) 1-Methylnaphthalene	8.992	142	60674	5.486	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	29150	5.152	ng	99
41) Hexachlorocyclopentadiene	9.051	237	15667	4.105	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	19079	5.001	ng	99
44) 2,4,5-Trichlorophenol	9.210	196	20200	5.020	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142468.D
 Acq On : 20 May 2025 12:38
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

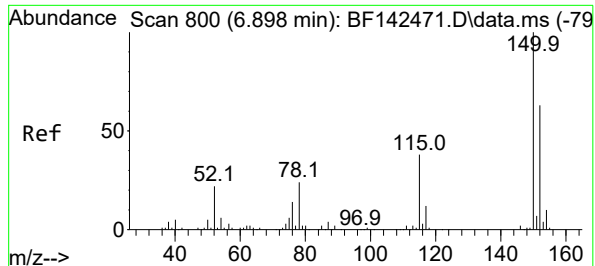
Quant Time: May 20 16:54:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.357	154	82376	5.387	ng	99
47) 2-Chloronaphthalene	9.386	162	60002	5.311	ng	97
48) 2-Nitroaniline	9.475	65	16399	5.022	ng	95
49) Acenaphthylene	9.798	152	101686	5.330	ng	99
50) Dimethylphthalate	9.651	163	71020	5.461	ng	99
51) 2,6-Dinitrotoluene	9.716	165	14295	5.093	ng	97
52) Acenaphthene	9.975	154	62026	5.325	ng	99
53) 3-Nitroaniline	9.886	138	15749	5.137	ng	99
55) Dibenzofuran	10.145	168	92955	5.545	ng	98
56) 4-Nitrophenol	10.039	139	10876	4.808	ng	93
57) 2,4-Dinitrotoluene	10.116	165	18322	4.998	ng	91
58) Fluorene	10.486	166	72775	5.620	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	17096	5.090	ng	98
60) Diethylphthalate	10.357	149	70046	5.515	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	35694	5.611	ng	97
62) 4-Nitroaniline	10.492	138	14920	5.366	ng	95
63) Azobenzene	10.639	77	61041	5.351	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	7475	3.833	ng	90
66) n-Nitrosodiphenylamine	10.592	169	62215	5.204	ng	98
67) 4-Bromophenyl-phenylether	10.975	248	20974	5.076	ng	98
68) Hexachlorobenzene	11.039	284	23159	5.067	ng	100
69) Atrazine	11.122	200	16045	5.053	ng	98
70) Pentachlorophenol	11.233	266	11357	4.401	ng	96
71) Phenanthrene	11.451	178	104484	5.594	ng	100
72) Anthracene	11.504	178	104017	5.457	ng	100
73) Carbazole	11.657	167	89967	5.521	ng	99
74) Di-n-butylphthalate	11.986	149	96777	5.426	ng	99
75) Fluoranthene	12.645	202	102797	5.890	ng	99
77) Benzidine	12.763	184	36585	4.499	ng	98
78) Pyrene	12.874	202	105394	5.170	ng	99
80) Butylbenzylphthalate	13.492	149	25251	4.483	ng	96
81) Benzo(a)anthracene	14.063	228	77800	5.332	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	19673	4.445	ng	98
83) Chrysene	14.098	228	66761	5.092	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	27864	3.864	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	55034	4.733	ng	99
88) Benzo(b)fluoranthene	15.121	252	51014	5.565	ng	98
89) Benzo(k)fluoranthene	15.151	252	46114	5.371	ng	98
90) Benzo(a)pyrene	15.498	252	44694	5.172	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	44618	4.731	ng	98
92) Benzo(g,h,i)perylene	17.527	276	44684	4.737	ng	97

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

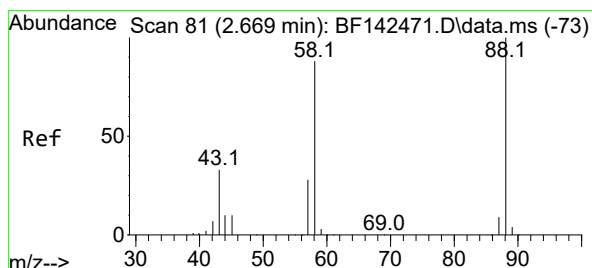
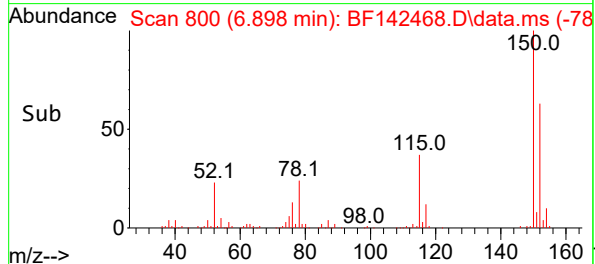
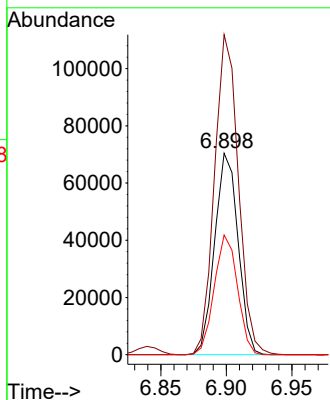
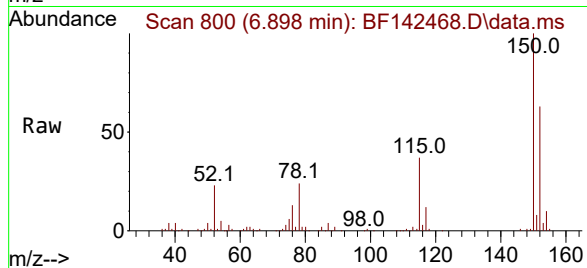
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

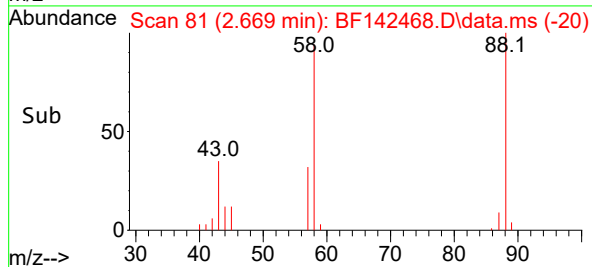
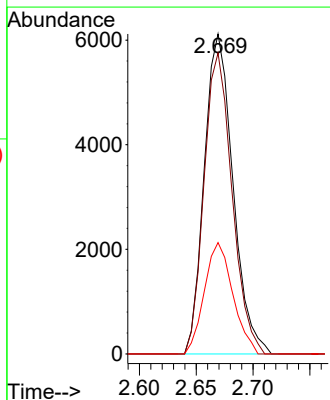
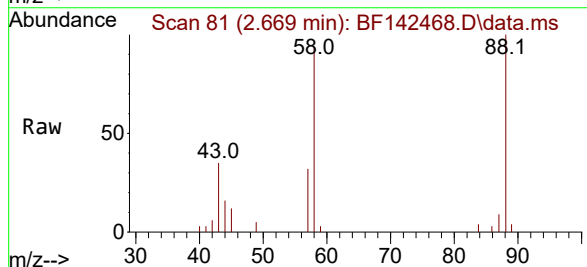
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

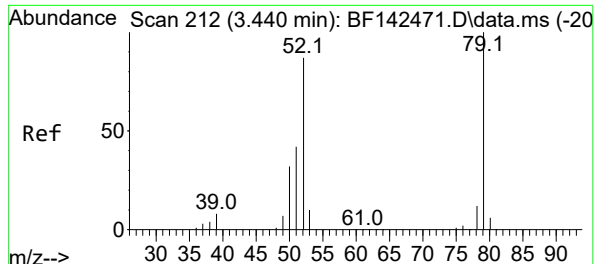
Tgt Ion:152 Resp: 87254
Ion Ratio Lower Upper
152 100
150 158.8 128.2 192.4
115 59.4 48.3 72.5



#2
1,4-Dioxane
Concen: 5.186 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 88 Resp: 10748
Ion Ratio Lower Upper
88 100
58 91.6 70.8 106.2
43 34.5 26.6 40.0





#3

Pyridine

Concen: 5.115 ng

RT: 3.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

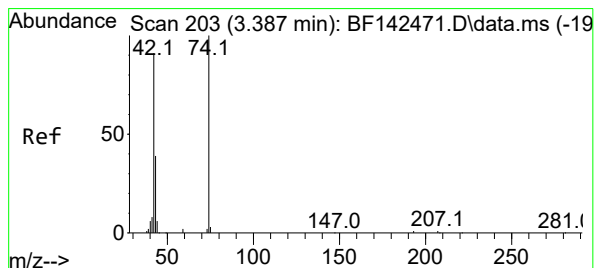
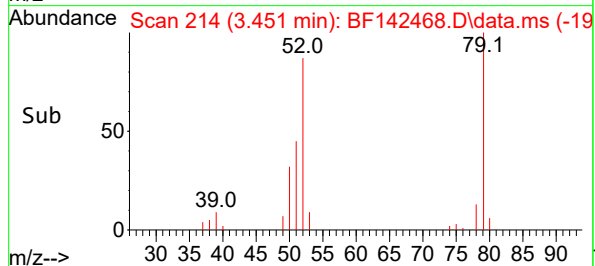
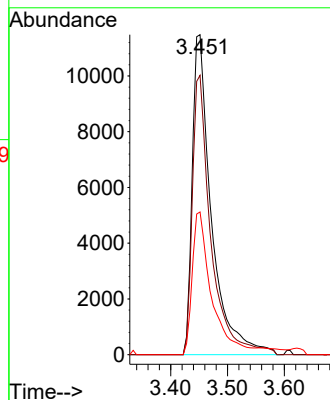
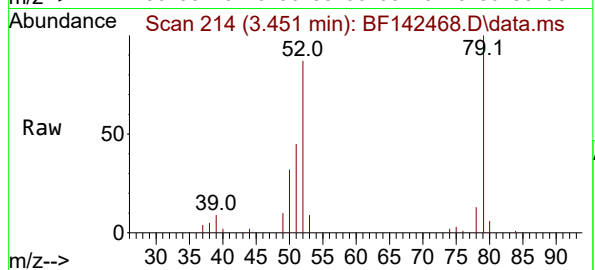
Tgt Ion: 79 Resp: 26993

Ion Ratio Lower Upper

79 100

52 87.3 69.2 103.8

51 44.6 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 4.870 ng

RT: 3.369 min Scan# 200

Delta R.T. -0.035 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

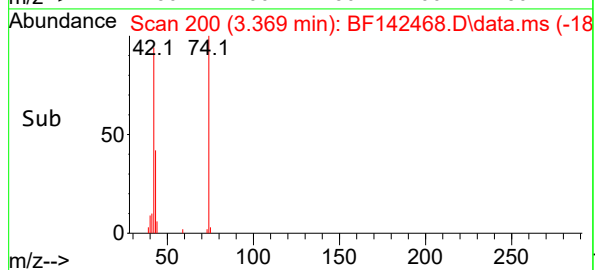
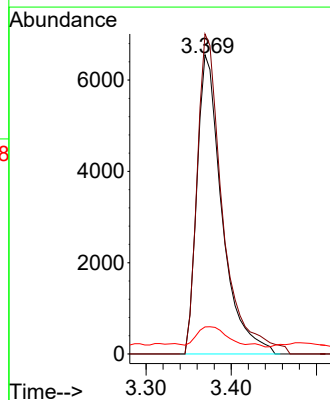
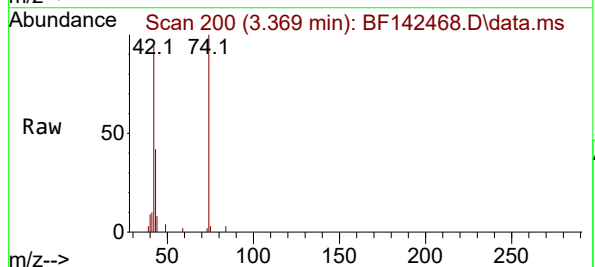
Tgt Ion: 42 Resp: 13346

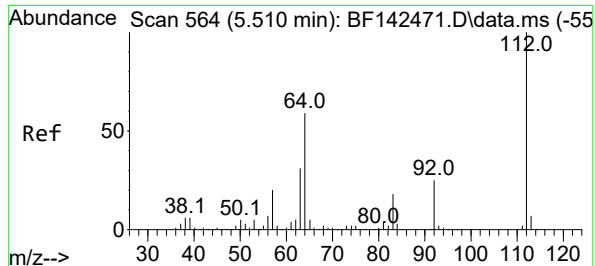
Ion Ratio Lower Upper

42 100

74 106.9 88.2 132.4

44 9.1 5.4 8.2#

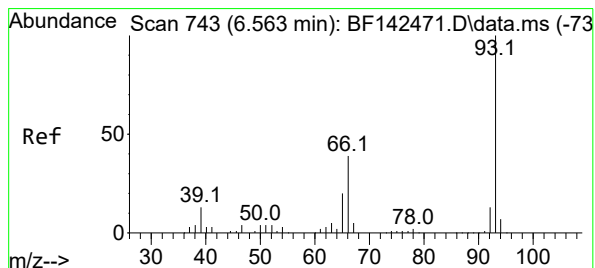
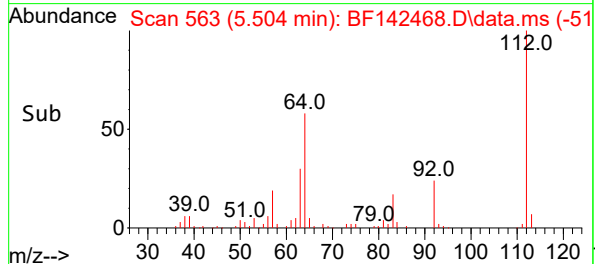
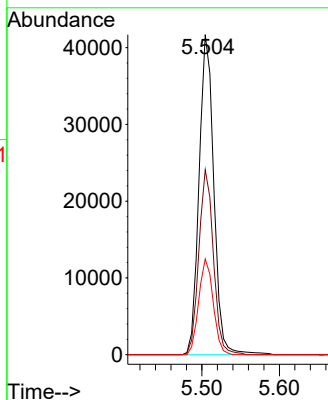
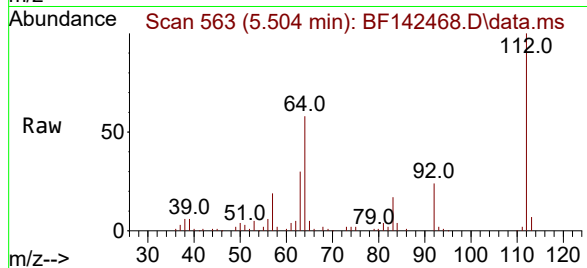




#5
2-Fluorophenol
Concen: 10.647 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

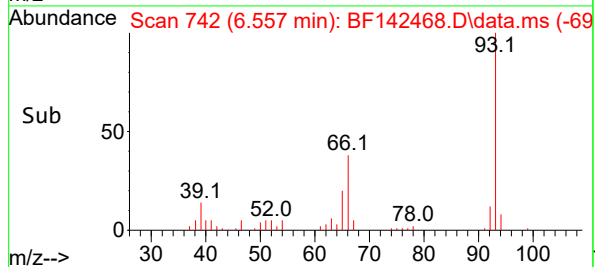
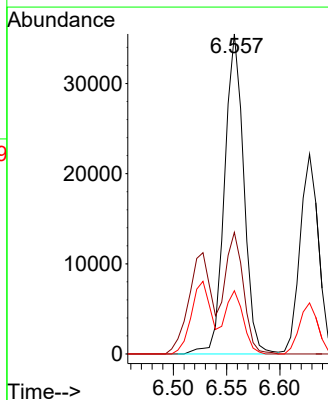
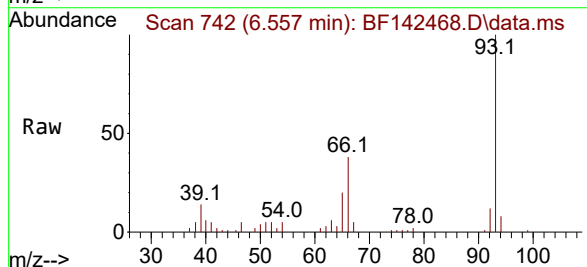
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

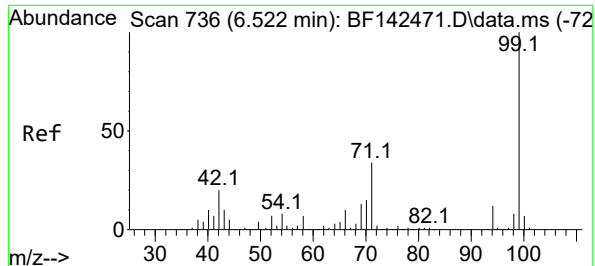
Tgt Ion:112 Resp: 55140
Ion Ratio Lower Upper
112 100
64 57.8 47.5 71.3
63 29.9 24.9 37.3



#6
Aniline
Concen: 5.318 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 93 Resp: 44576
Ion Ratio Lower Upper
93 100
66 38.0 32.0 48.0
65 19.7 16.1 24.1





#7

Phenol-d6

Concen: 10.710 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

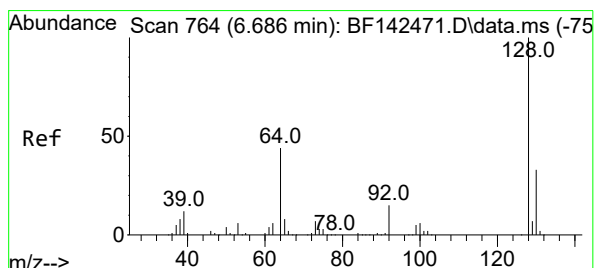
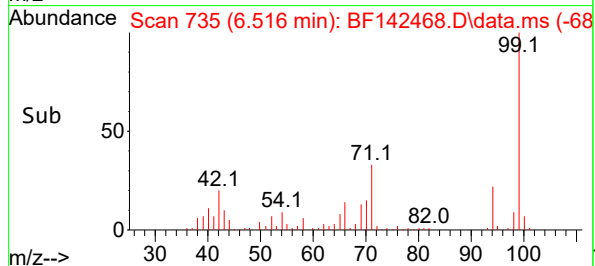
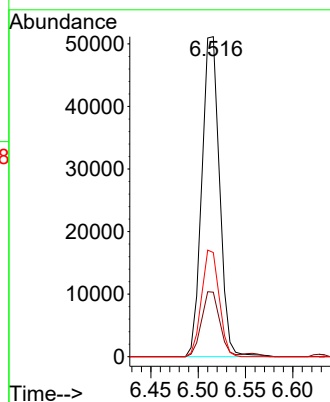
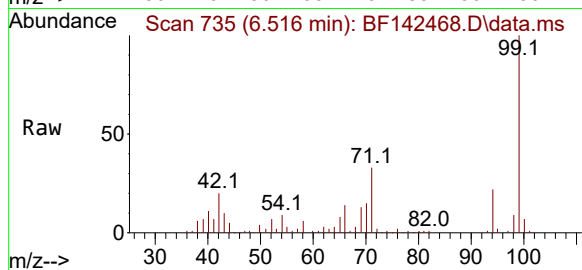
Tgt Ion: 99 Resp: 66768

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.2

71 32.6 27.3 40.9



#8

2-Chlorophenol

Concen: 5.201 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

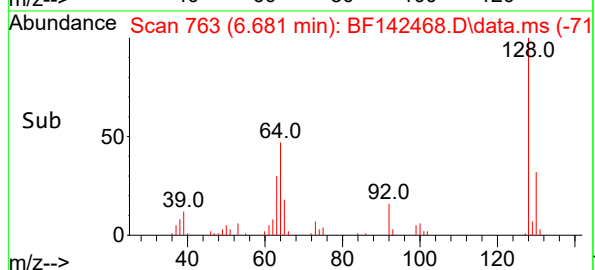
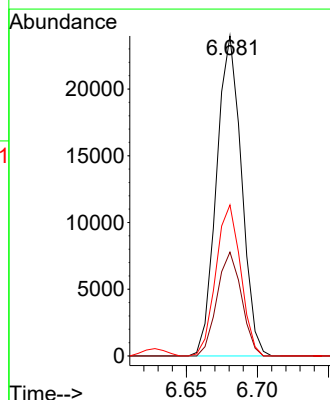
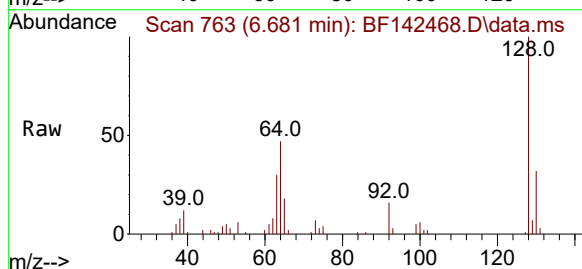
Tgt Ion: 128 Resp: 29341

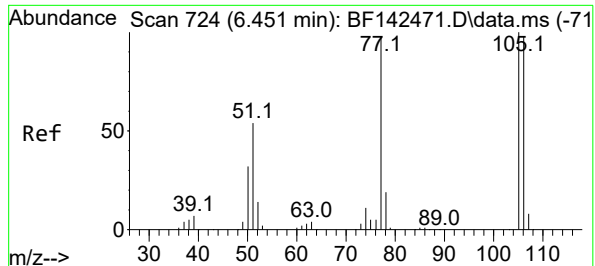
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 47.2 25.1 65.1





#9

Benzaldehyde

Concen: 6.020 ng

RT: 6.445 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

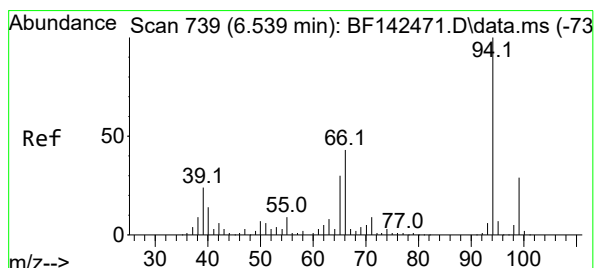
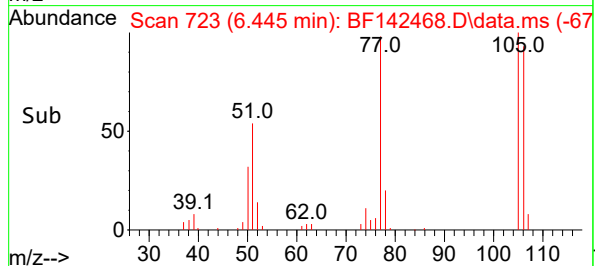
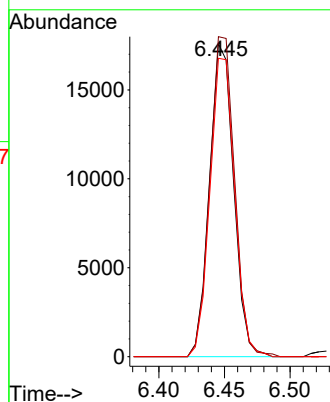
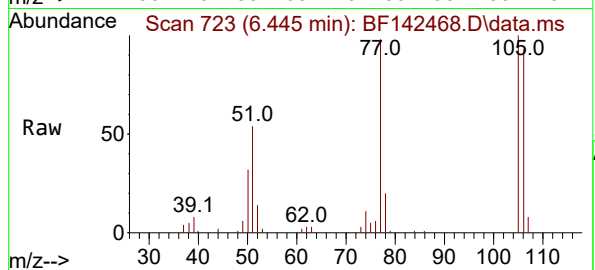
Tgt Ion: 77 Resp: 22572

Ion Ratio Lower Upper

77 100

105 102.2 82.5 122.5

106 95.3 80.0 120.0



#10

Phenol

Concen: 5.336 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.023 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

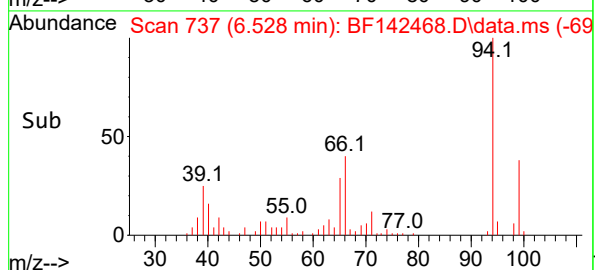
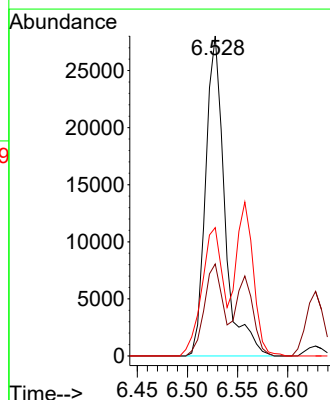
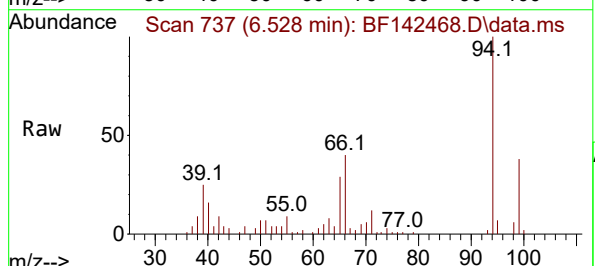
Tgt Ion: 94 Resp: 37431

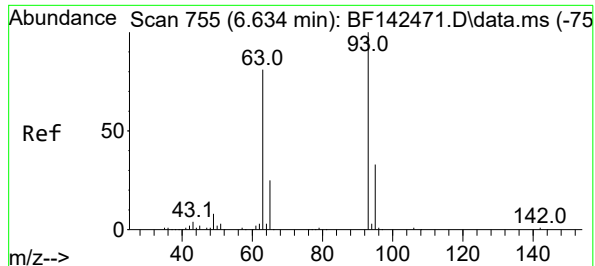
Ion Ratio Lower Upper

94 100

65 28.8 10.3 50.3

66 40.1 22.6 62.6

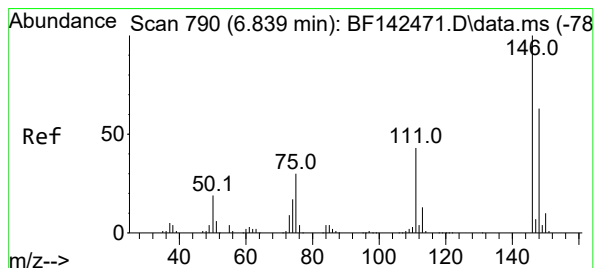
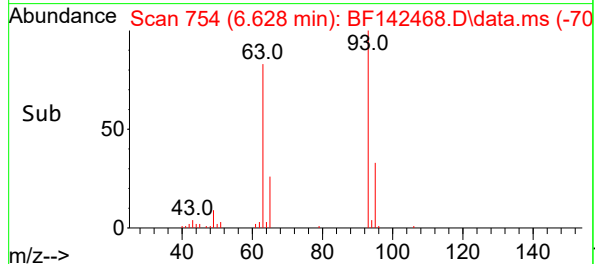
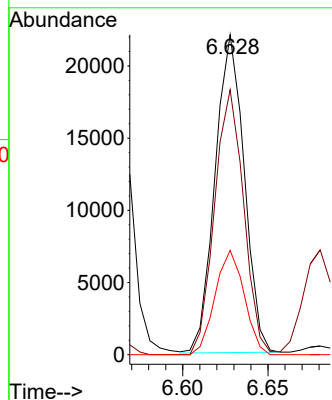
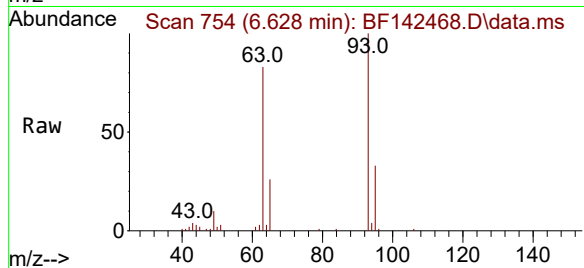




#11
bis(2-Chloroethyl)ether
Concen: 5.192 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

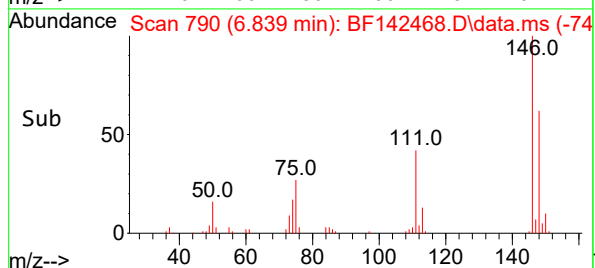
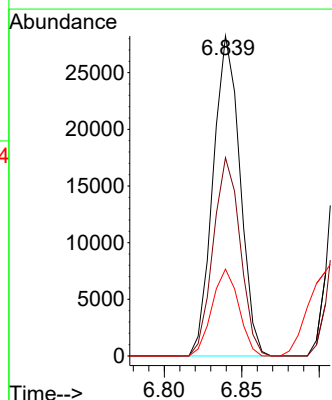
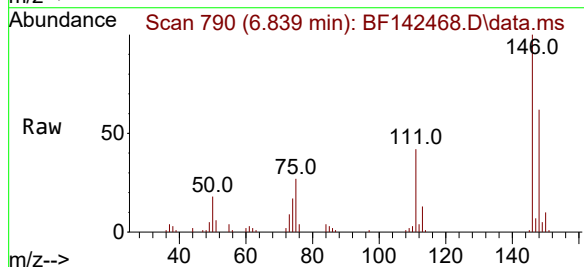
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

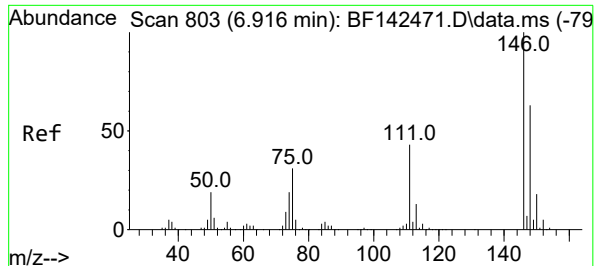
Tgt Ion: 93 Resp: 26215
Ion Ratio Lower Upper
93 100
63 82.8 60.2 100.2
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 5.413 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 146 Resp: 34073
Ion Ratio Lower Upper
146 100
148 62.0 50.6 75.8
75 27.1 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 5.298 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

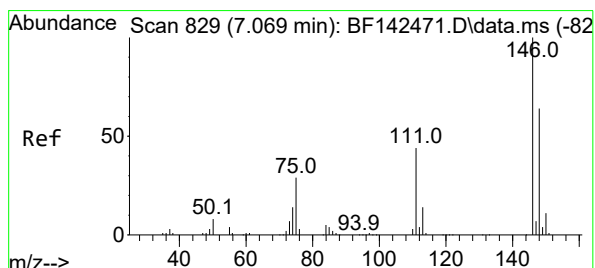
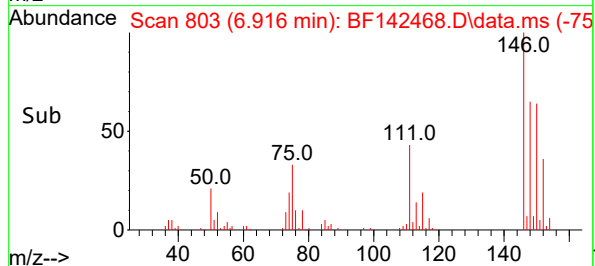
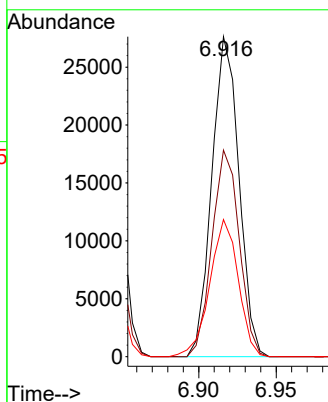
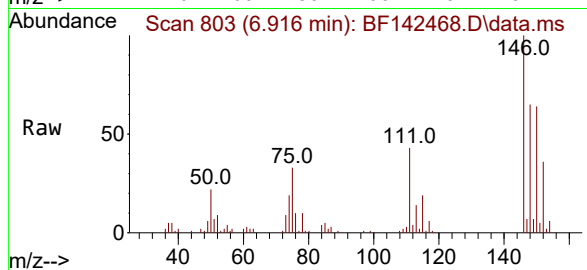
Tgt Ion:146 Resp: 33593

Ion Ratio Lower Upper

146 100

148 64.6 50.4 75.6

111 42.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 5.374 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

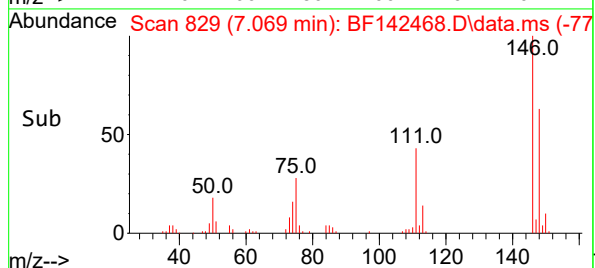
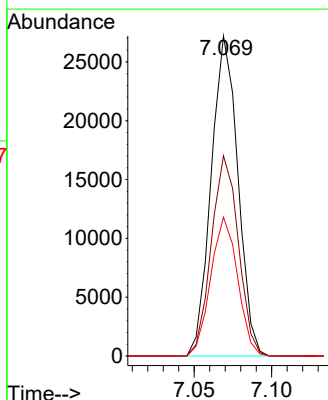
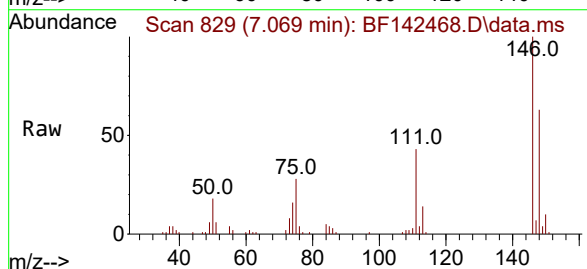
Tgt Ion:146 Resp: 32604

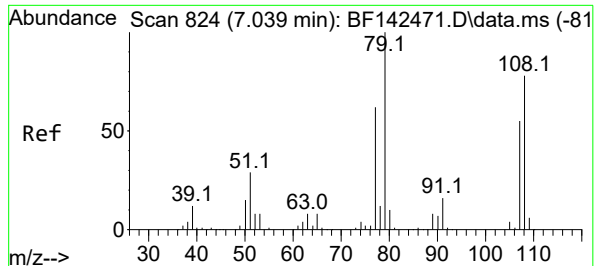
Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.4

111 43.4 35.0 52.6





#15

Benzyl Alcohol

Concen: 5.015 ng

RT: 7.034 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

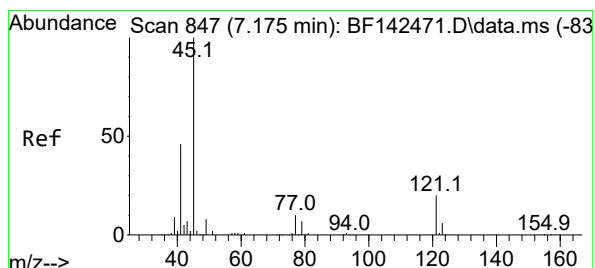
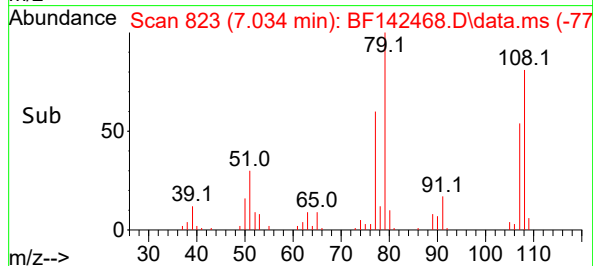
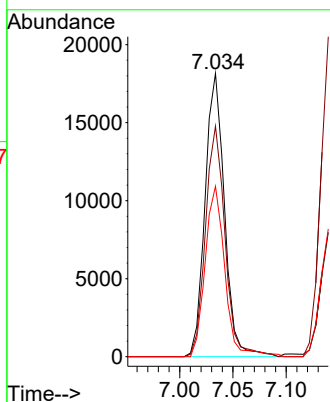
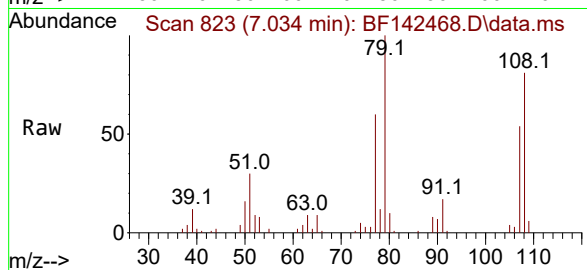
Tgt Ion: 79 Resp: 23103

Ion Ratio Lower Upper

79 100

108 81.4 62.1 93.1

77 60.2 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.355 ng

RT: 7.169 min Scan# 846

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

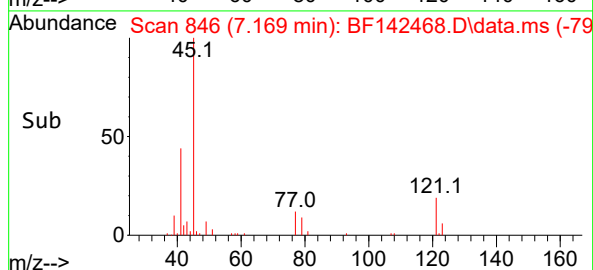
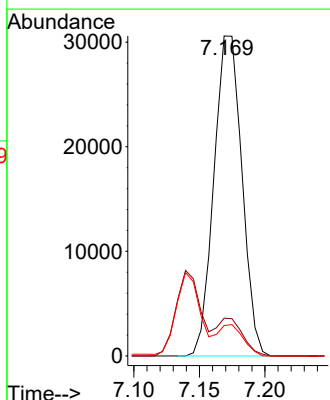
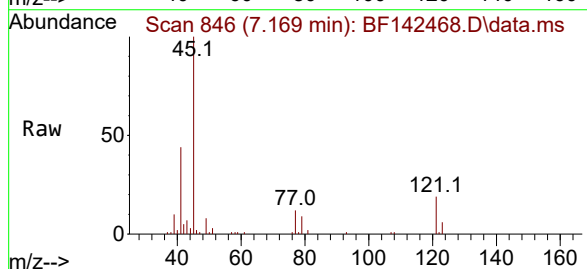
Tgt Ion: 45 Resp: 45414

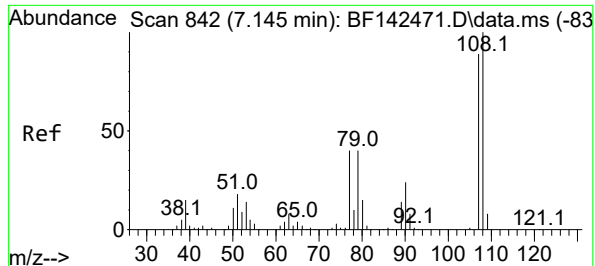
Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.0

79 9.5 0.0 29.2

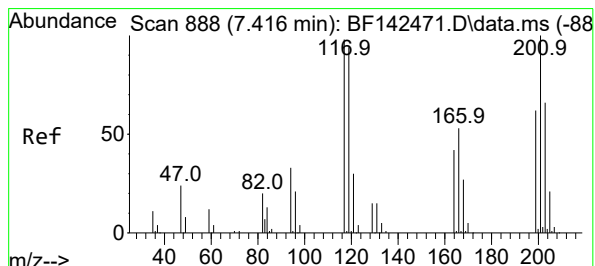
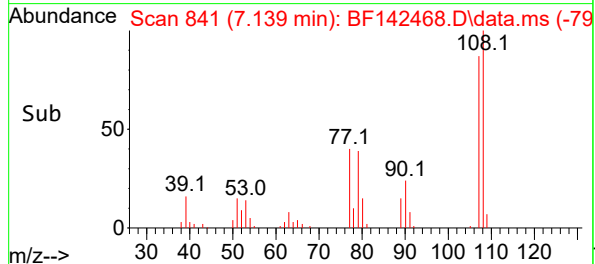
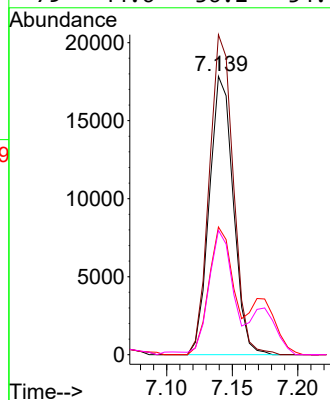
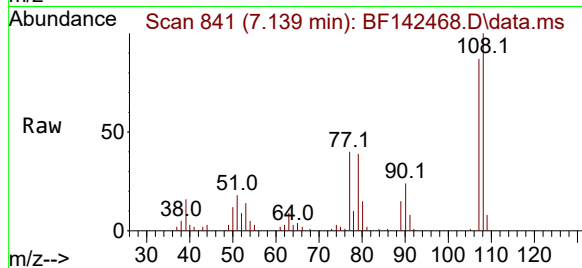




#17
2-Methylphenol
Concen: 5.153 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

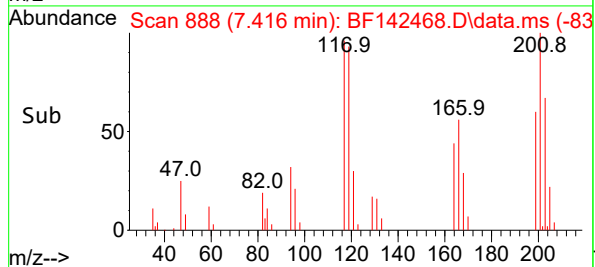
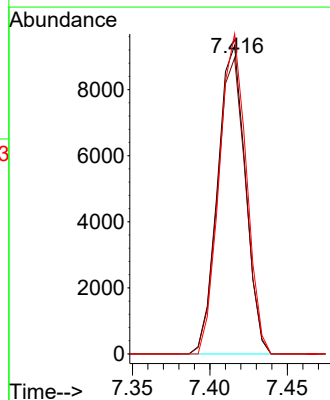
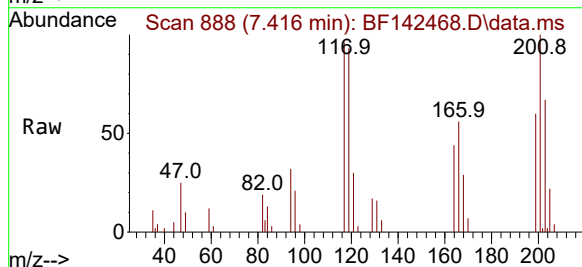
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

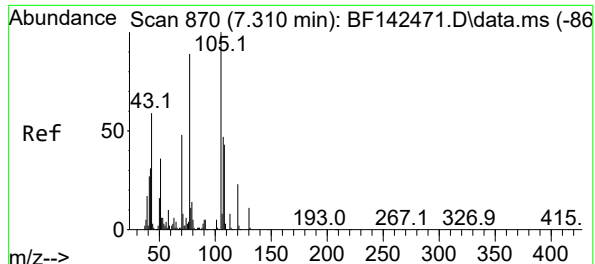
Tgt Ion:107 Resp: 22693
Ion Ratio Lower Upper
107 100
108 114.9 90.2 135.2
77 45.9 36.1 54.1
79 44.6 36.2 54.4



#18
Hexachloroethane
Concen: 5.255 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:117 Resp: 11635
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8
201 103.7 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 5.313 ng

RT: 7.298 min Scan# 8

Delta R.T. -0.029 min

Lab File: BF142468.D

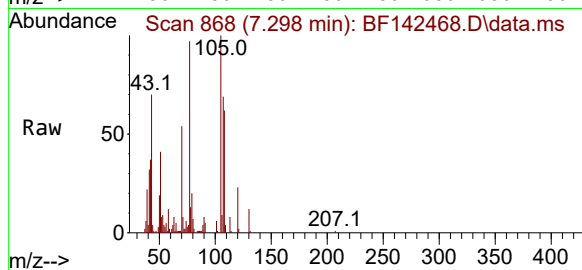
Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion: 70 Resp: 20527

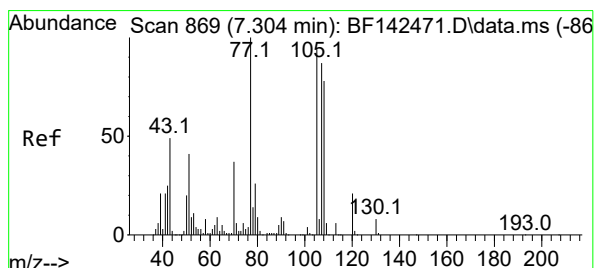
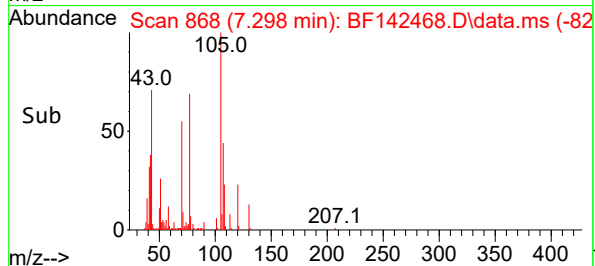
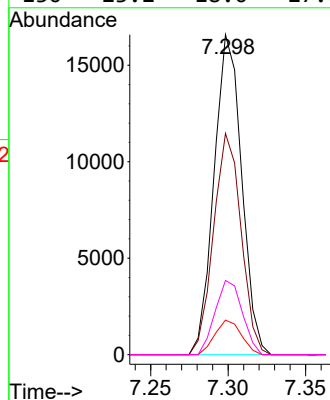
Ion Ratio Lower Upper

70 100

42 69.1 52.4 78.6

101 10.8 7.8 11.8

130 23.2 18.0 27.0



#20

3+4-Methylphenols

Concen: 5.460 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Tgt Ion: 107 Resp: 30797

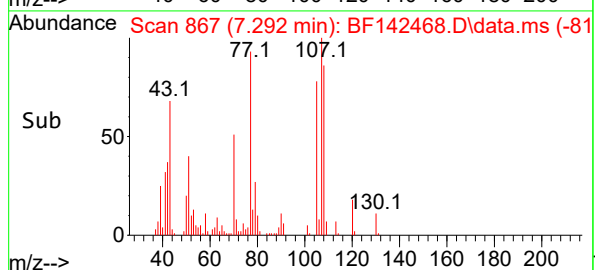
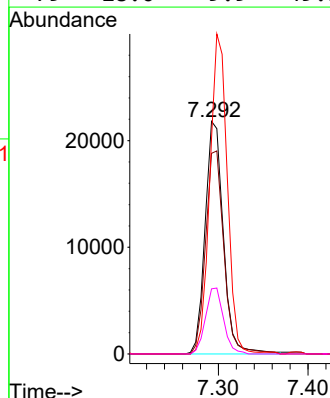
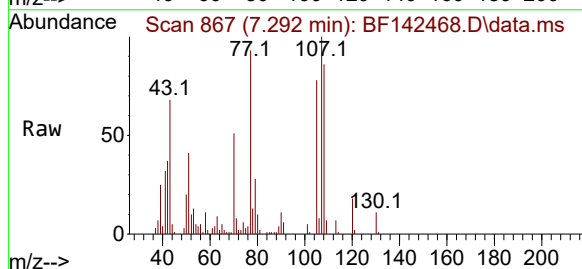
Ion Ratio Lower Upper

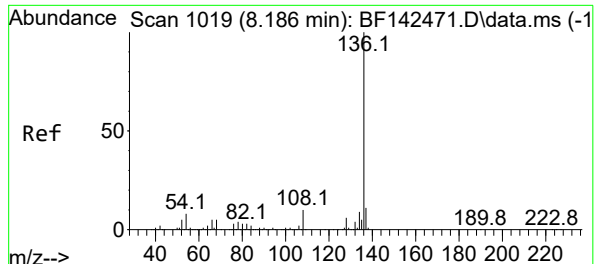
107 100

108 86.3 70.4 110.4

77 92.8 95.4 135.4#

79 28.0 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 345154

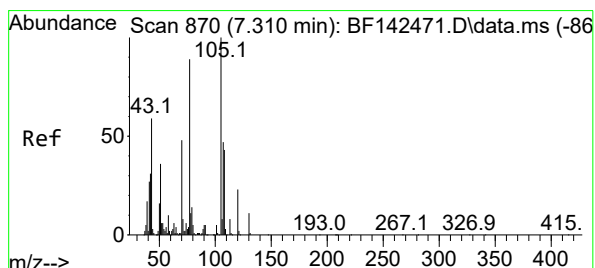
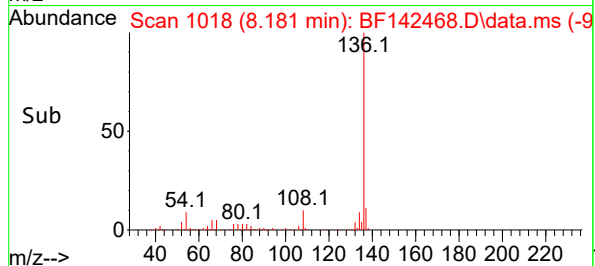
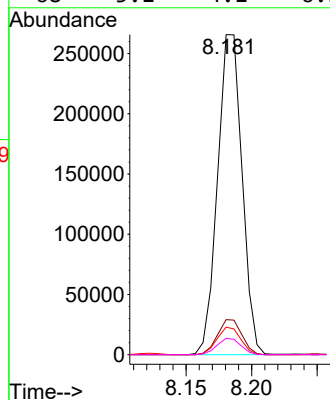
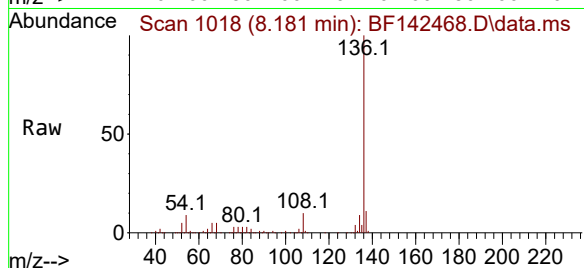
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.6 6.6 10.0

68 5.1 4.1 6.1



#22

Acetophenone

Concen: 5.423 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Tgt Ion:105 Resp: 41438

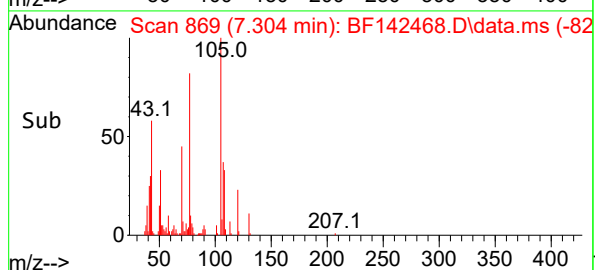
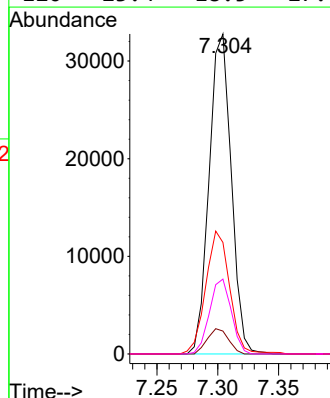
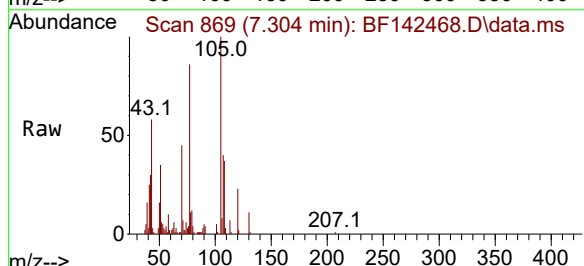
Ion Ratio Lower Upper

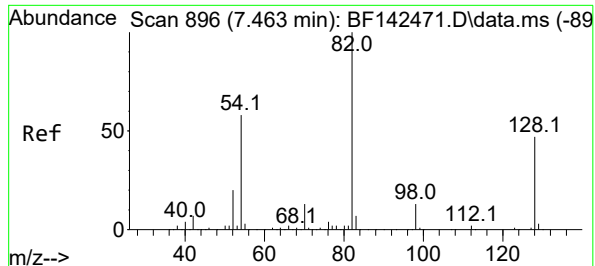
105 100

71 7.2 6.4 9.6

51 34.9 28.6 42.8

120 23.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 10.249 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

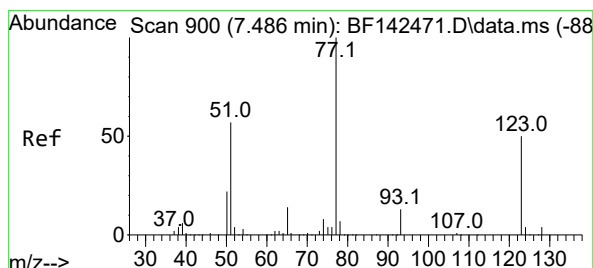
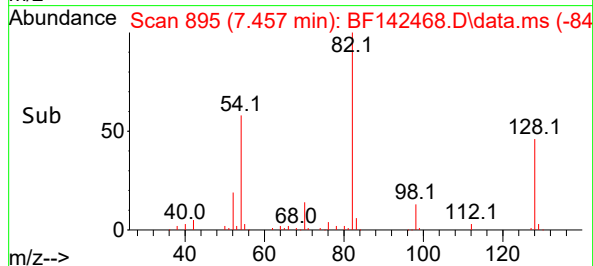
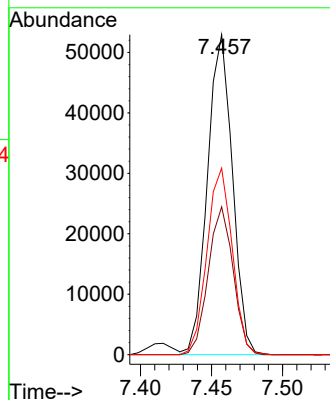
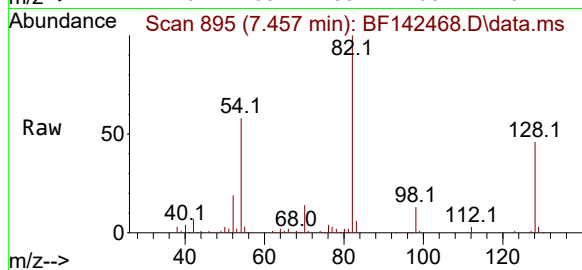
Tgt Ion: 82 Resp: 64876

Ion Ratio Lower Upper

82 100

128 46.2 37.4 56.2

54 58.3 46.6 70.0



#24

Nitrobenzene

Concen: 5.114 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

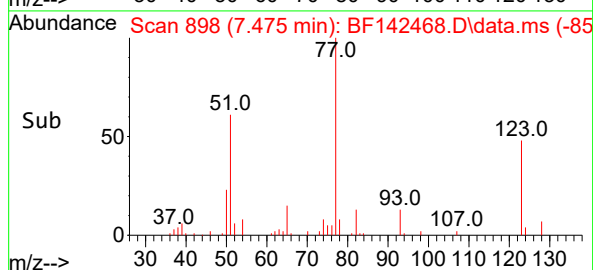
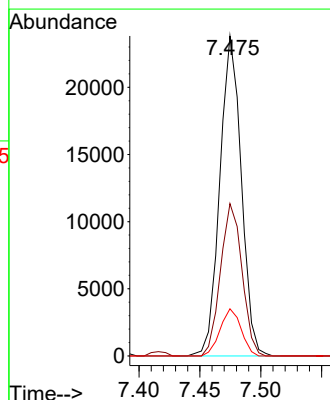
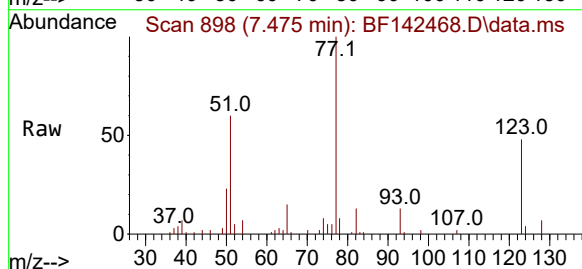
Tgt Ion: 77 Resp: 29193

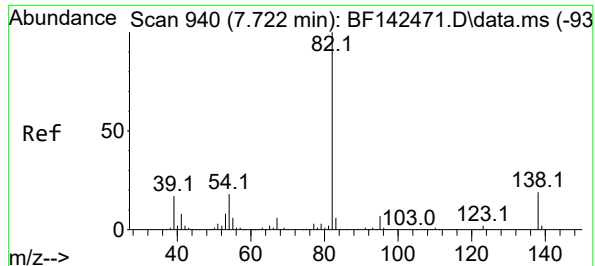
Ion Ratio Lower Upper

77 100

123 47.6 40.6 61.0

65 14.7 11.4 17.2

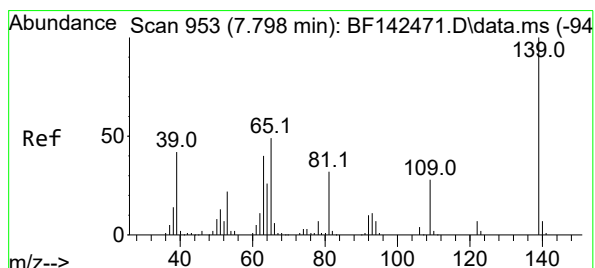
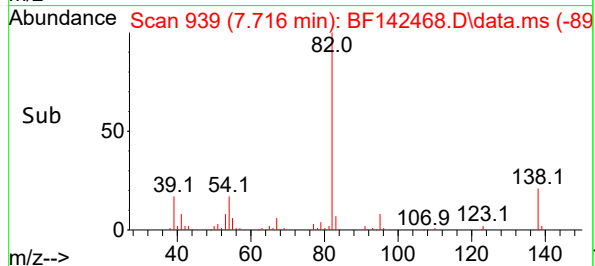
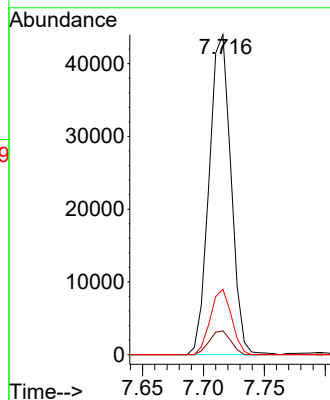
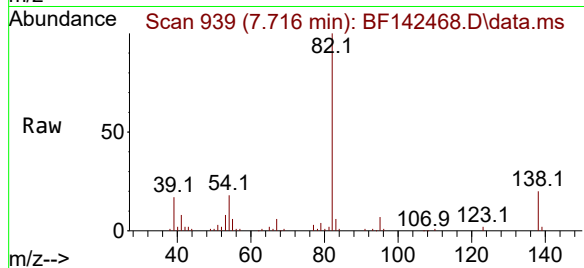




#25
Isophorone
Concen: 5.182 ng
RT: 7.716 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

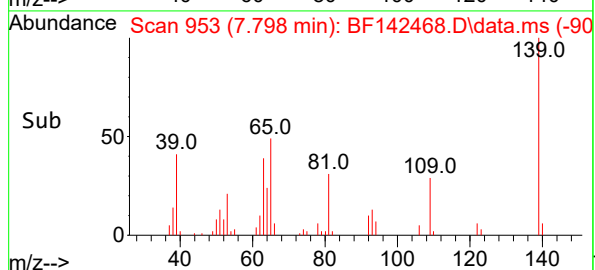
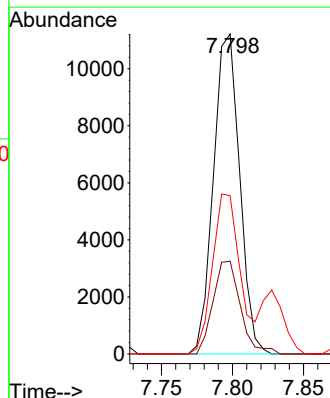
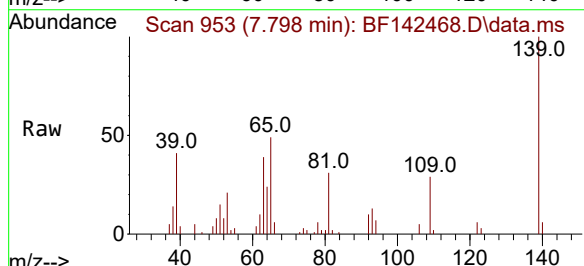
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

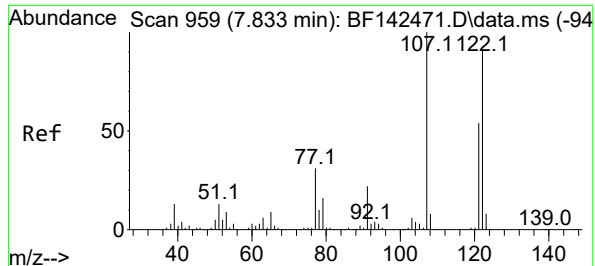
Tgt Ion: 82 Resp: 54838
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.4 15.5 23.3



#26
2-Nitrophenol
Concen: 4.716 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 139 Resp: 14387
Ion Ratio Lower Upper
139 100
109 29.0 22.6 33.8
65 49.4 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 5.051 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

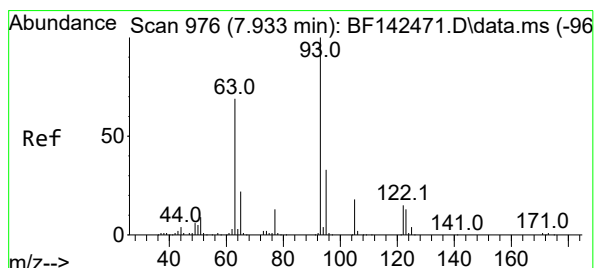
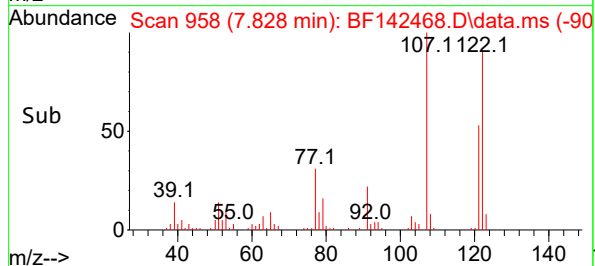
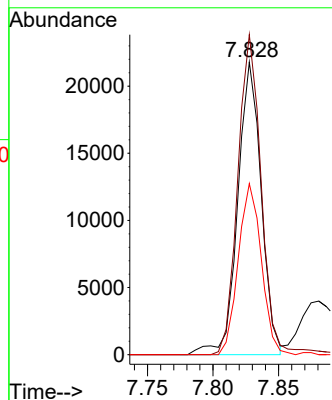
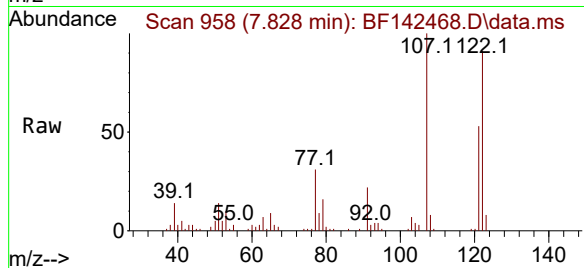
Tgt Ion:122 Resp: 27170

Ion Ratio Lower Upper

122 100

107 109.4 88.1 132.1

121 58.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 5.296 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

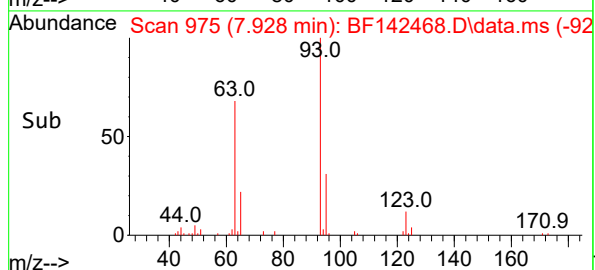
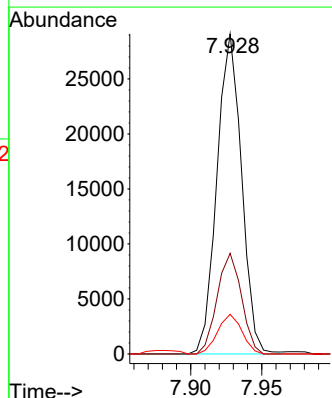
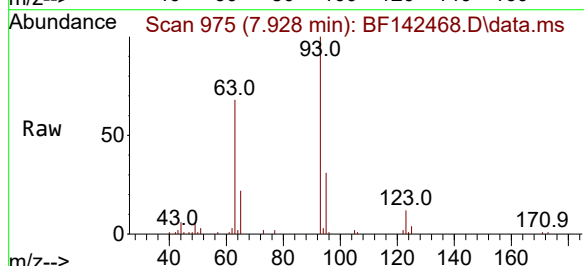
Tgt Ion: 93 Resp: 35010

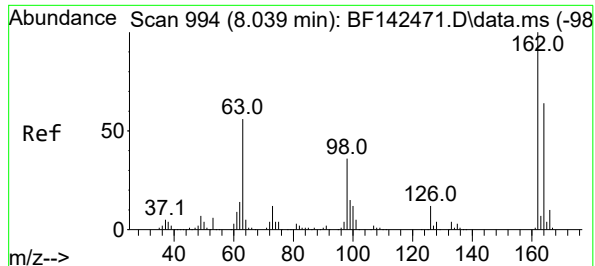
Ion Ratio Lower Upper

93 100

95 31.4 26.4 39.6

123 12.4 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 5.072 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

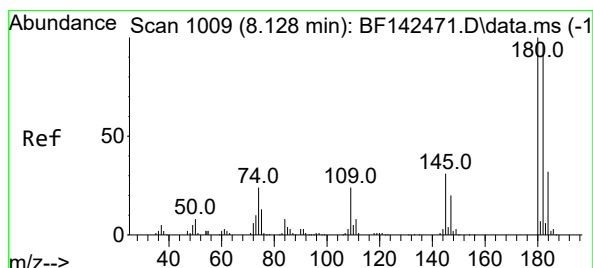
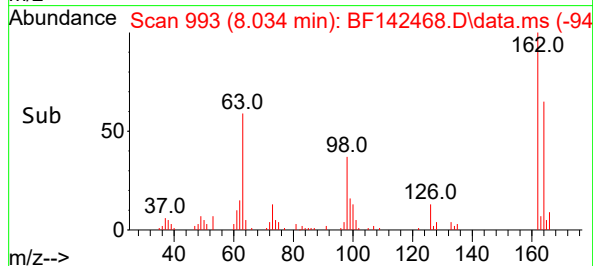
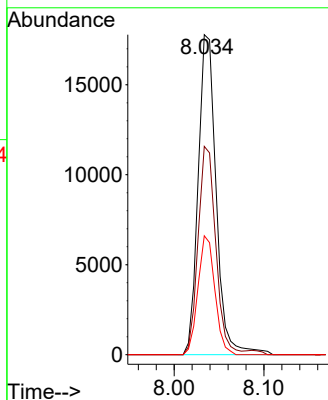
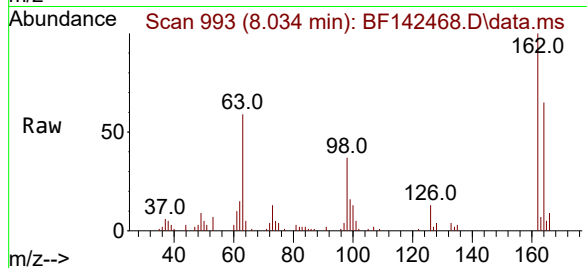
Tgt Ion:162 Resp: 24812

Ion Ratio Lower Upper

162 100

164 65.1 43.7 83.7

98 37.2 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 5.281 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

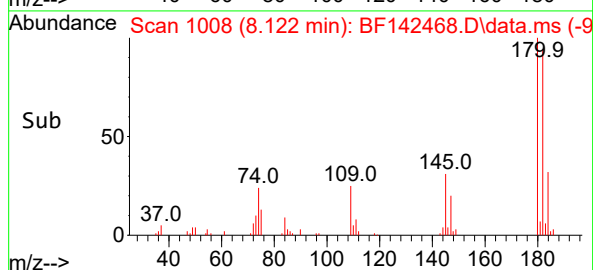
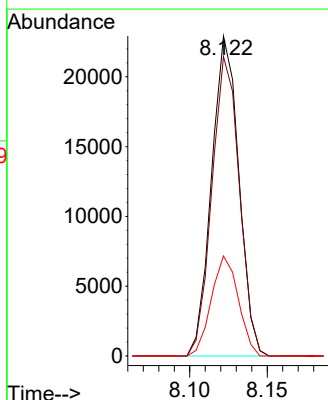
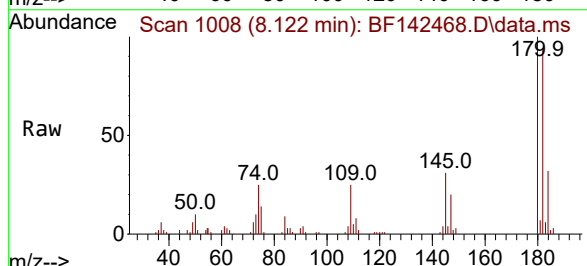
Tgt Ion:180 Resp: 28037

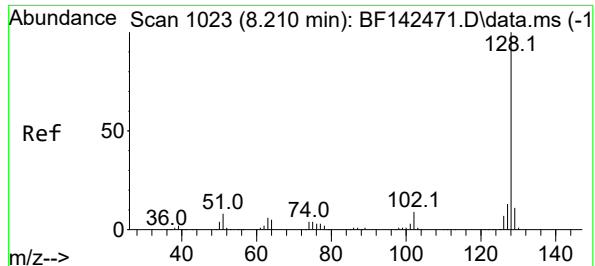
Ion Ratio Lower Upper

180 100

182 93.5 78.0 117.0

145 31.3 25.0 37.6





#31

Naphthalene

Concen: 5.388 ng

RT: 8.204 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

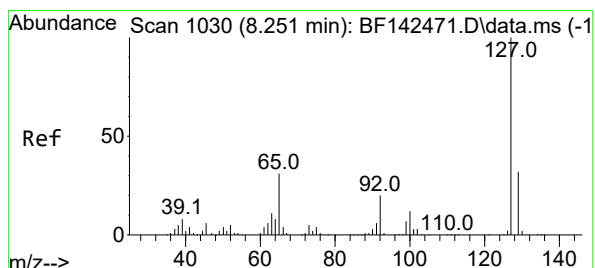
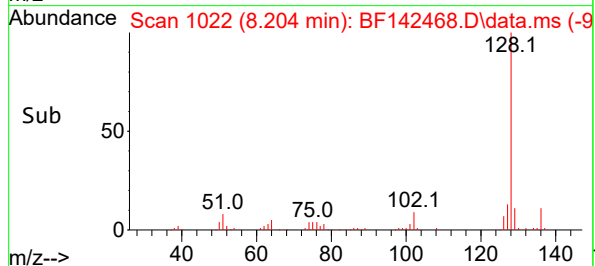
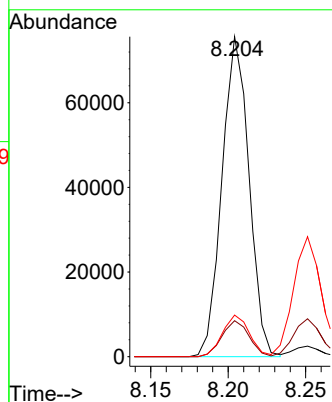
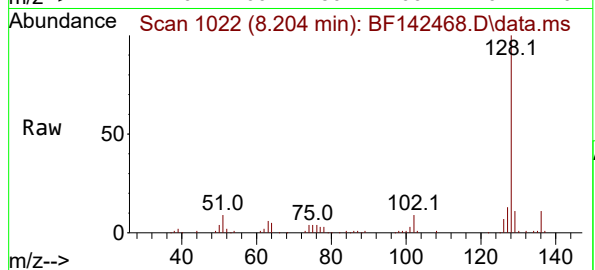
Tgt Ion:128 Resp: 91563

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.0 10.5 15.7



#33

4-Chloroaniline

Concen: 5.314 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Tgt Ion:127 Resp: 36597

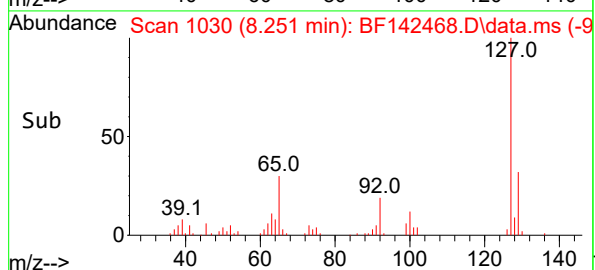
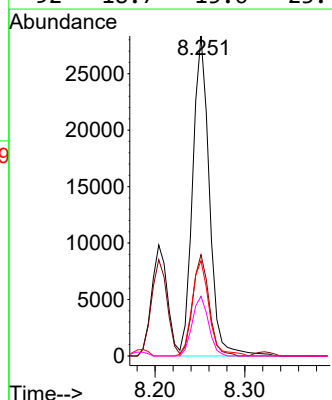
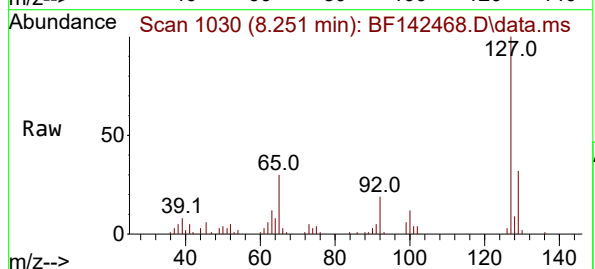
Ion Ratio Lower Upper

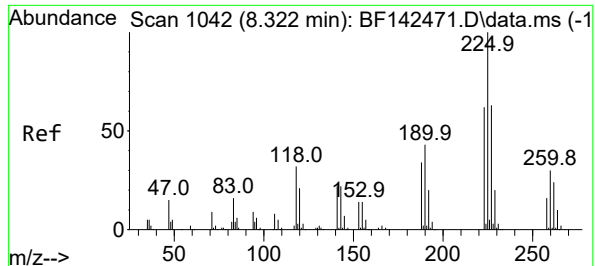
127 100

129 31.6 26.1 39.1

65 29.7 24.9 37.3

92 18.7 15.6 23.4





#34

Hexachlorobutadiene

Concen: 5.280 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

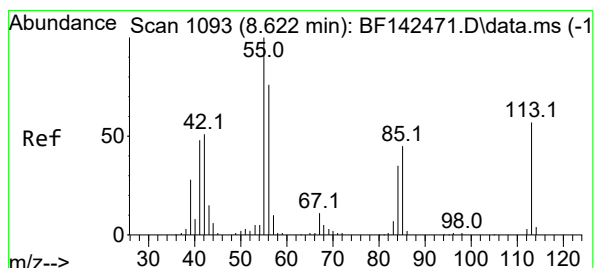
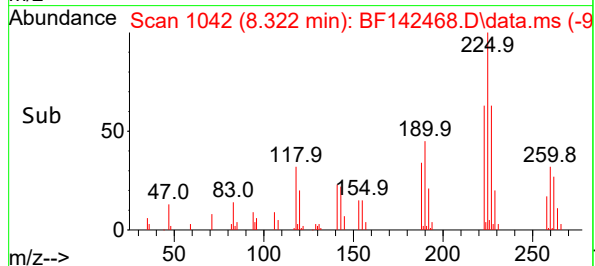
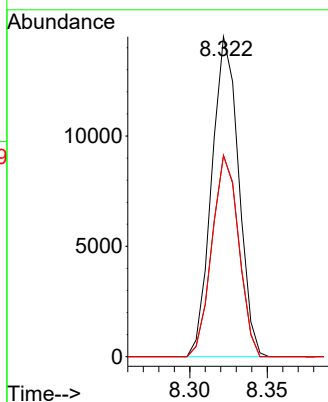
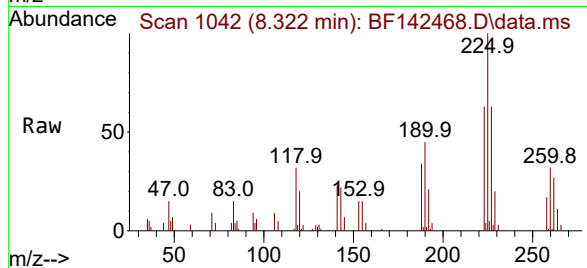
Tgt Ion:225 Resp: 17505

Ion Ratio Lower Upper

225 100

223 62.9 49.7 74.5

227 62.8 50.3 75.5



#35

Caprolactam

Concen: 5.109 ng

RT: 8.581 min Scan# 1086

Delta R.T. -0.065 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

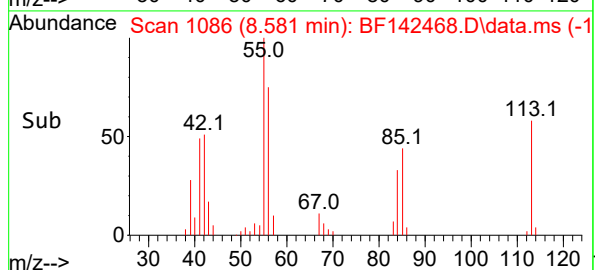
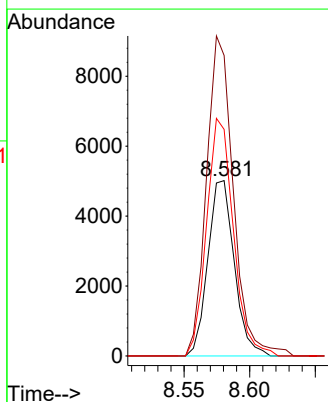
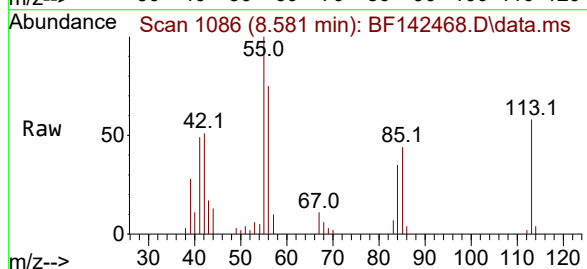
Tgt Ion:113 Resp: 7020

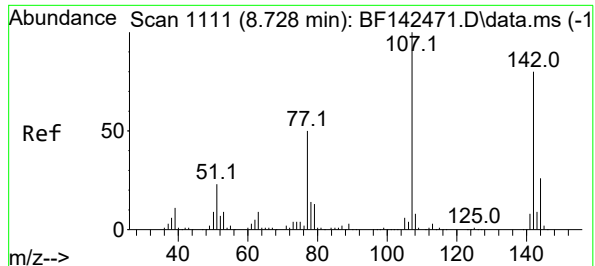
Ion Ratio Lower Upper

113 100

55 171.4 154.7 194.7

56 129.2 113.2 153.2





#36

4-Chloro-3-methylphenol

Concen: 5.225 ng

RT: 8.722 min Scan# 1111

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

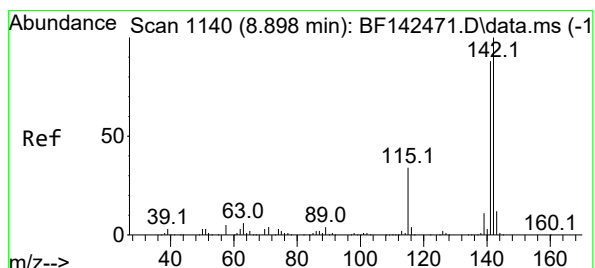
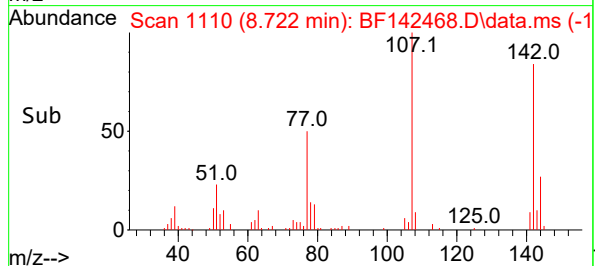
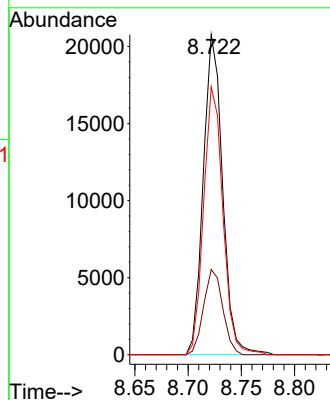
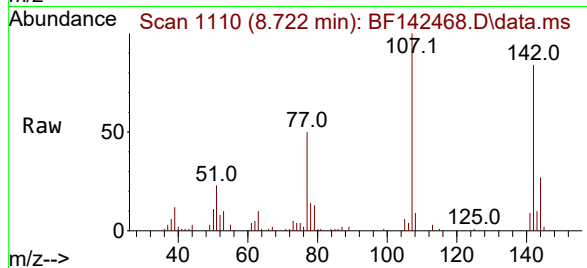
Tgt Ion:107 Resp: 26197

Ion Ratio Lower Upper

107 100

144 26.6 20.9 31.3

142 83.7 64.2 96.2



#37

2-Methylnaphthalene

Concen: 5.478 ng

RT: 8.898 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF142468.D

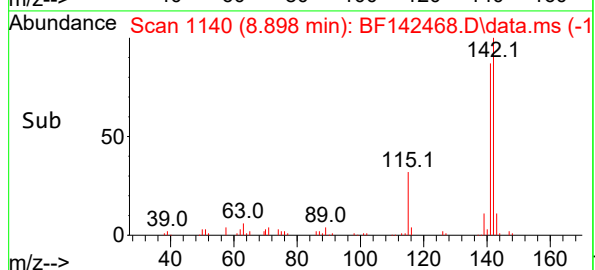
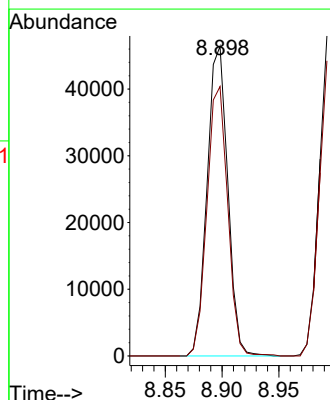
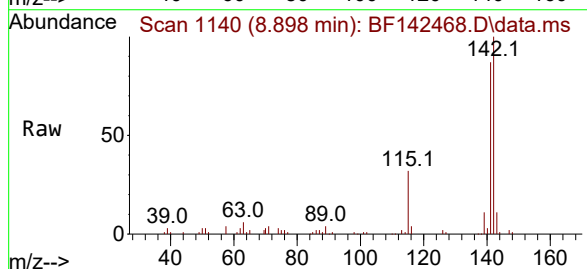
Acq: 20 May 2025 12:38

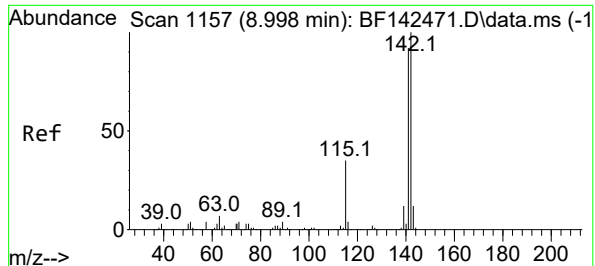
Tgt Ion:142 Resp: 58574

Ion Ratio Lower Upper

142 100

141 87.0 70.7 106.1

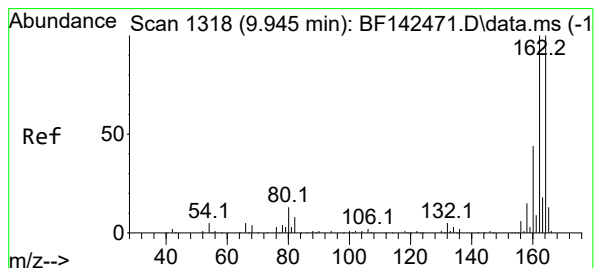
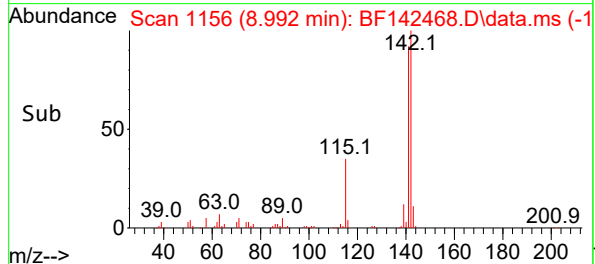
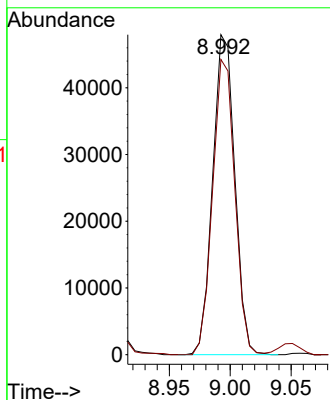
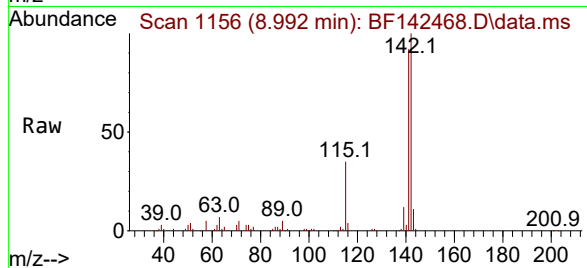




#38
1-Methylnaphthalene
Concen: 5.486 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

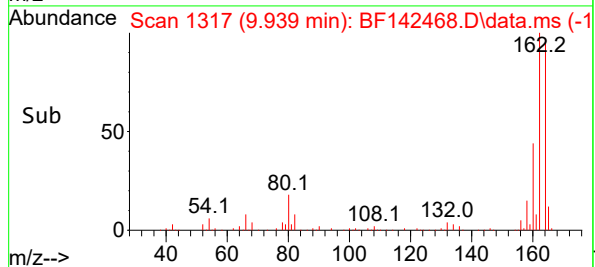
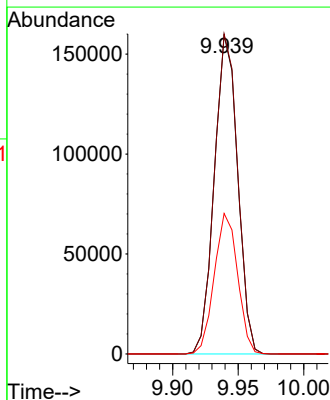
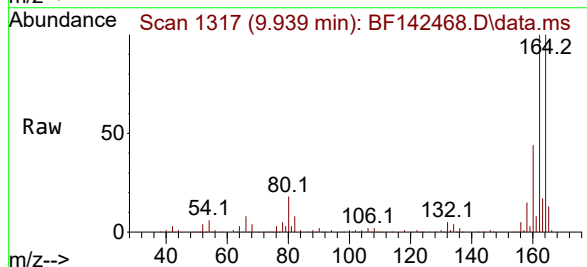
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

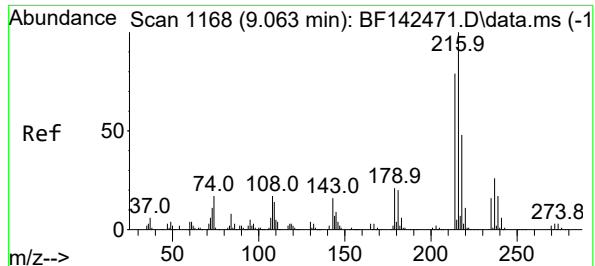
Tgt Ion:142 Resp: 60674
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:164 Resp: 197100
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.4
160 44.1 35.6 53.4

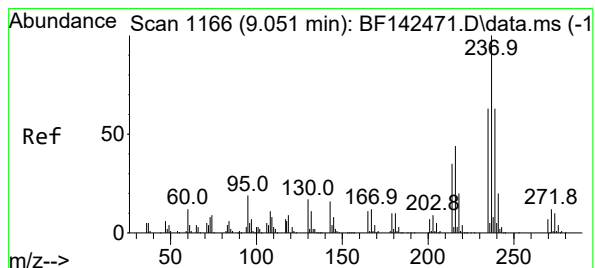
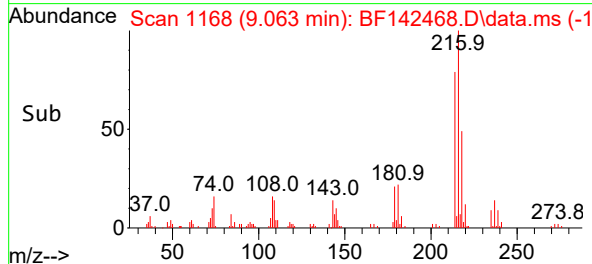
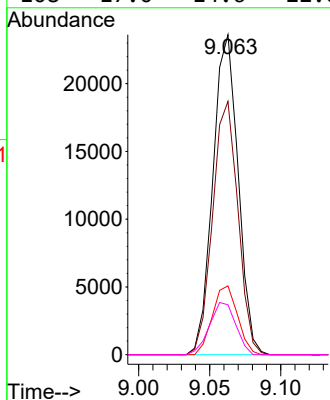
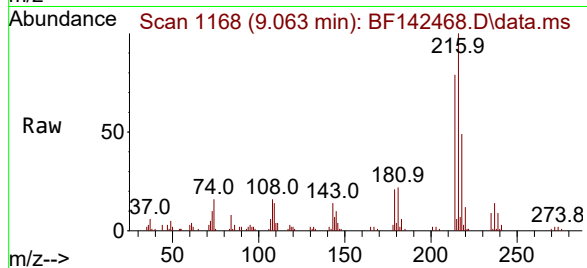




#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.152 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

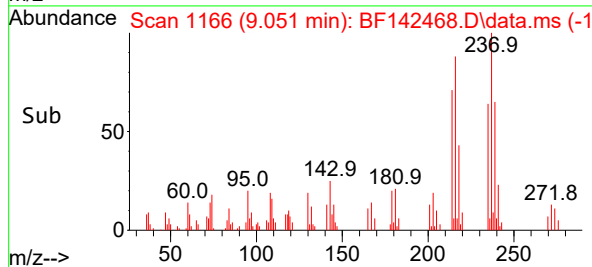
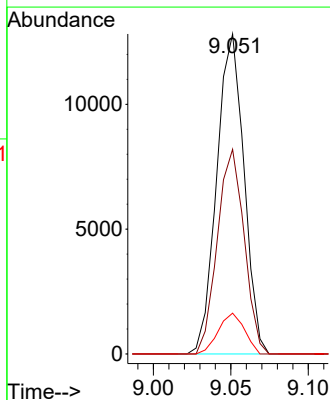
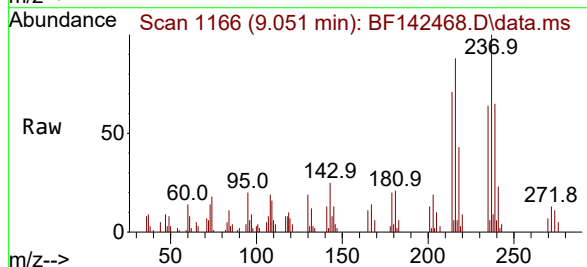
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

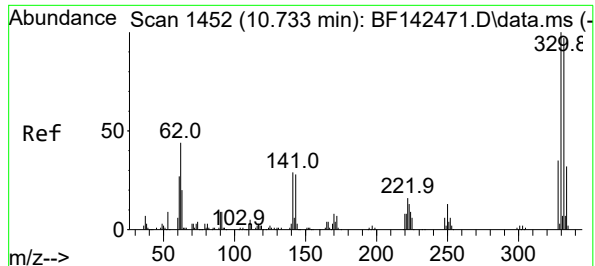
Tgt Ion:	216	Resp:	29150
Ion Ratio	Lower	Upper	
216	100		
214	79.4	62.9	94.3
179	21.5	16.9	25.3
108	17.0	14.6	22.0



#41
Hexachlorocyclopentadiene
Concen: 4.105 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:	237	Resp:	15667
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.3	83.3
272	12.7	0.0	32.4





#42

2,4,6-Tribromophenol

Concen: 10.378 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

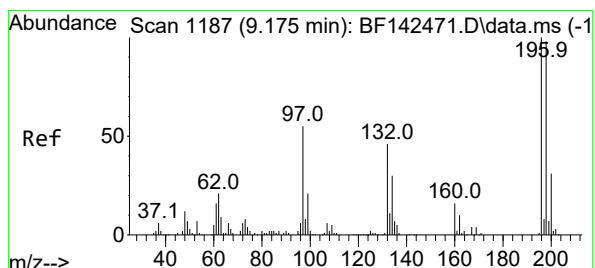
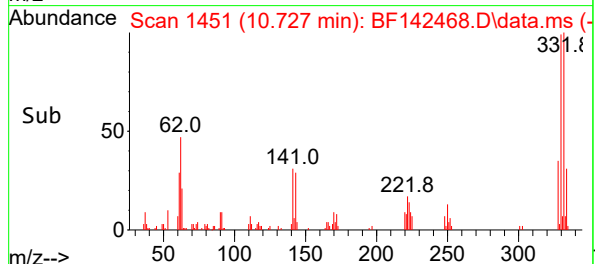
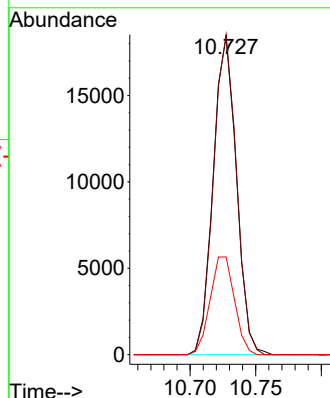
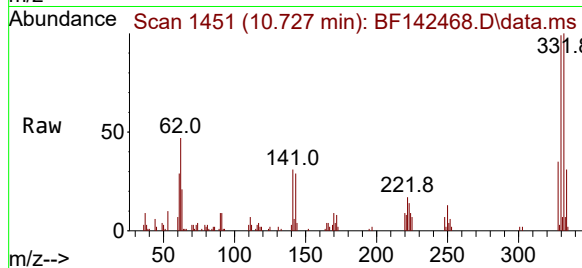
Tgt Ion:330 Resp: 22702

Ion Ratio Lower Upper

330 100

332 99.5 77.6 116.4

141 32.2 24.6 36.8



#43

2,4,6-Trichlorophenol

Concen: 5.001 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

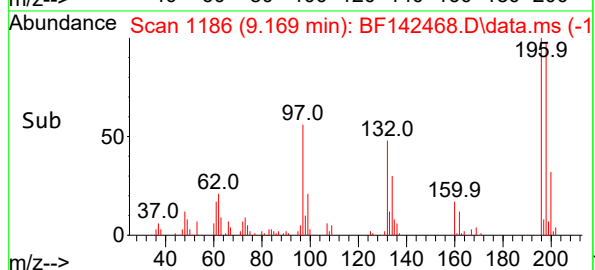
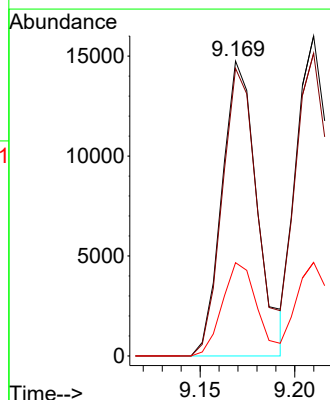
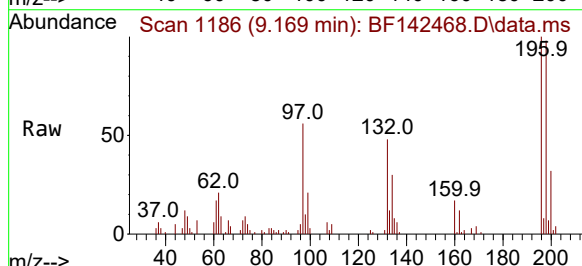
Tgt Ion:196 Resp: 19079

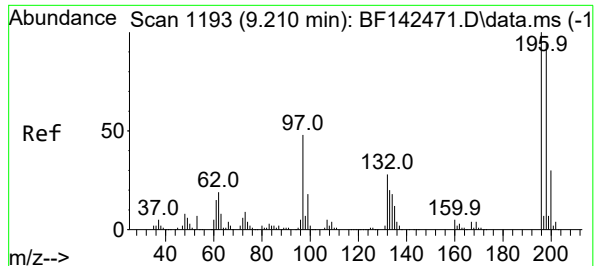
Ion Ratio Lower Upper

196 100

198 97.5 78.8 118.2

200 31.6 24.9 37.3





#44

2,4,5-Trichlorophenol

Concen: 5.020 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142468.D

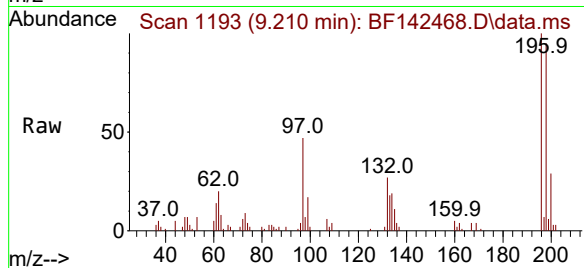
Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:196 Resp: 20200

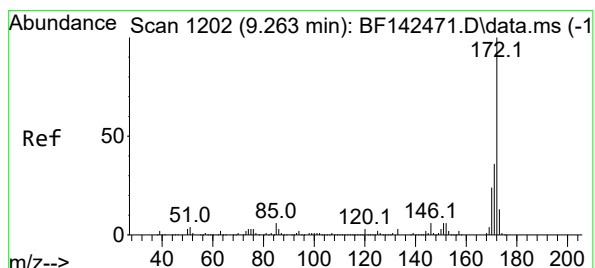
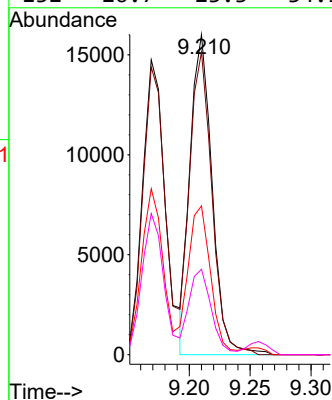
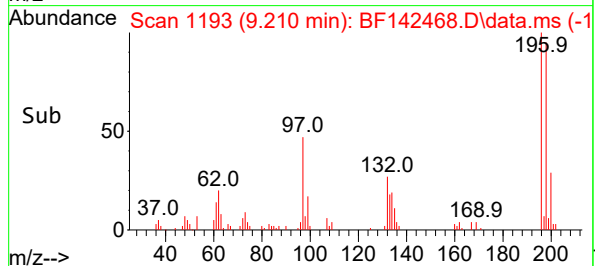
Ion Ratio Lower Upper

196 100

198 94.6 75.5 113.3

97 46.5 39.3 58.9

132 26.7 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 11.583 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

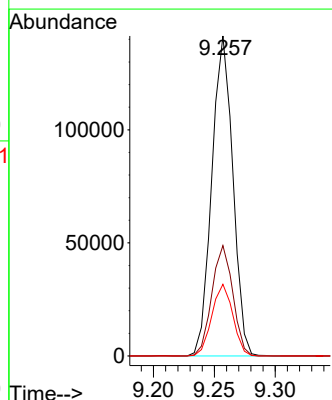
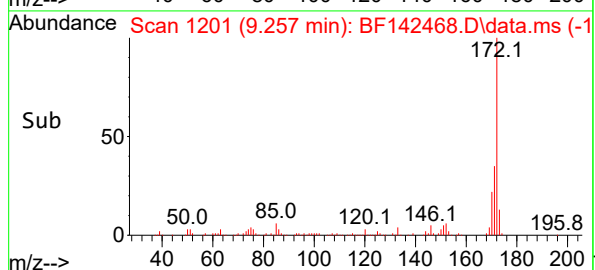
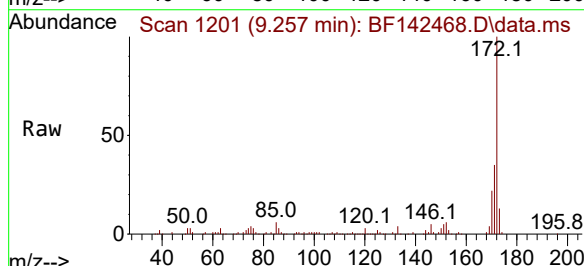
Tgt Ion:172 Resp: 170142

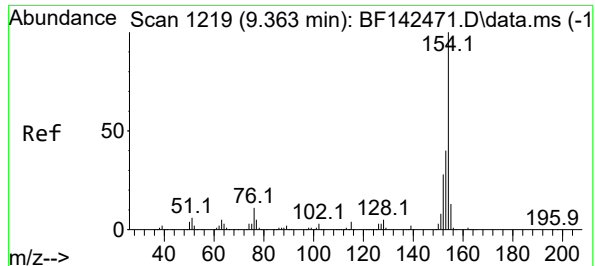
Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 22.4 18.9 28.3





#46

1,1'-Biphenyl

Concen: 5.387 ng

RT: 9.357 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

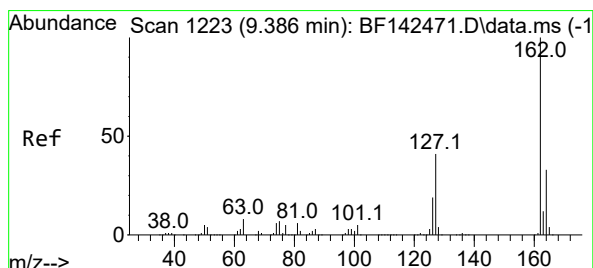
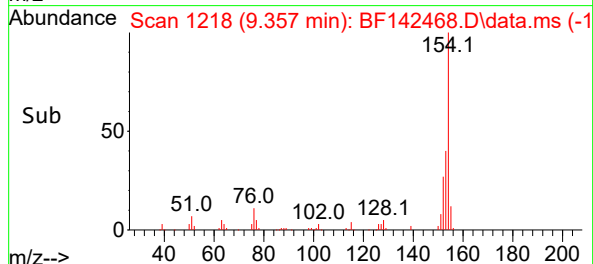
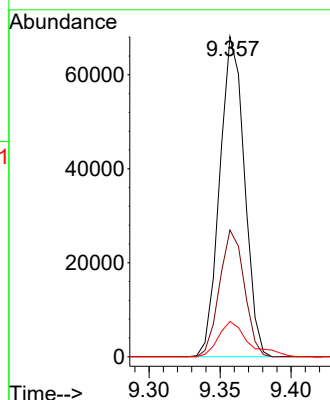
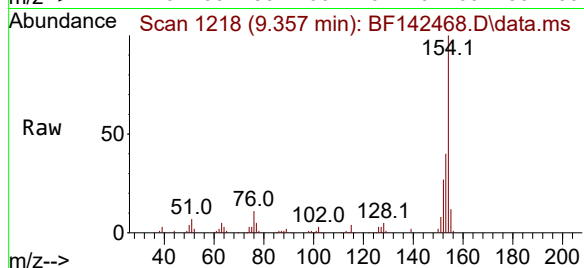
Tgt Ion:154 Resp: 82376

Ion Ratio Lower Upper

154 100

153 39.5 20.4 60.4

76 11.0 0.0 30.8



#47

2-Chloronaphthalene

Concen: 5.311 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

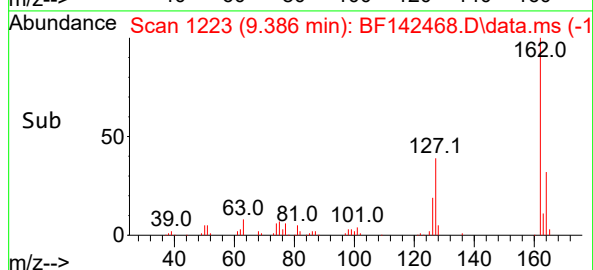
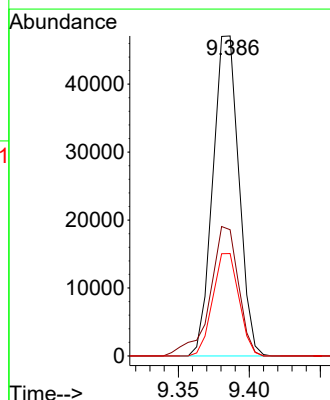
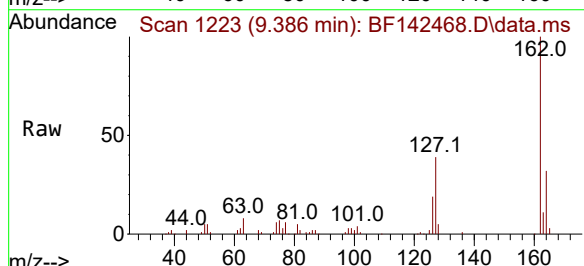
Tgt Ion:162 Resp: 60002

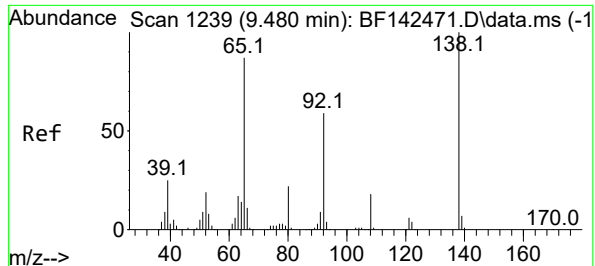
Ion Ratio Lower Upper

162 100

127 39.4 33.5 50.3

164 32.0 26.1 39.1





#48

2-Nitroaniline

Concen: 5.022 ng

RT: 9.475 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

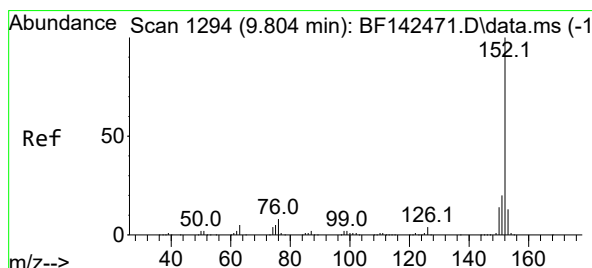
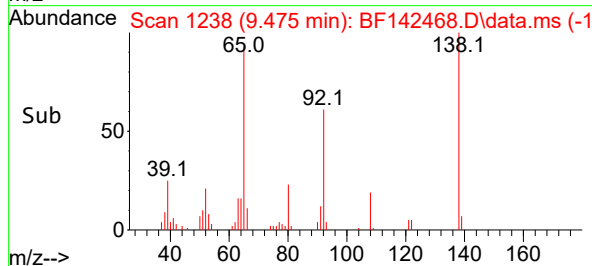
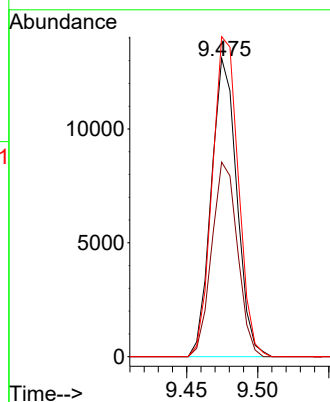
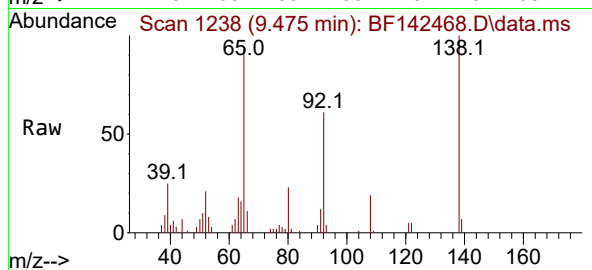
Tgt Ion: 65 Resp: 16399

Ion Ratio Lower Upper

65 100

92 65.2 54.4 81.6

138 107.2 91.4 137.2



#49

Acenaphthylene

Concen: 5.330 ng

RT: 9.798 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

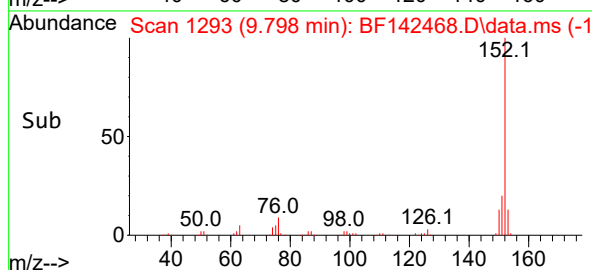
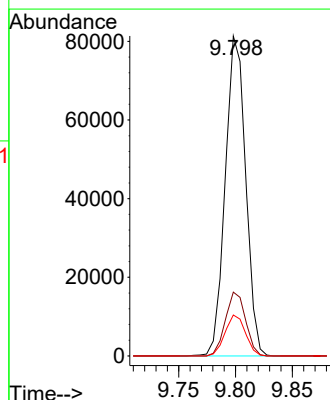
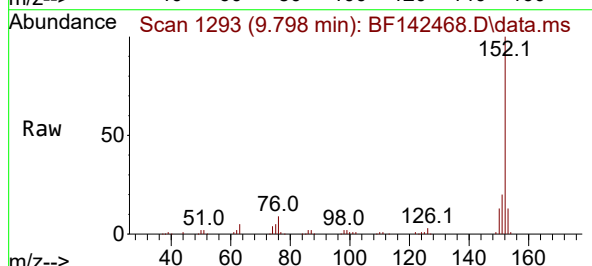
Tgt Ion:152 Resp: 101686

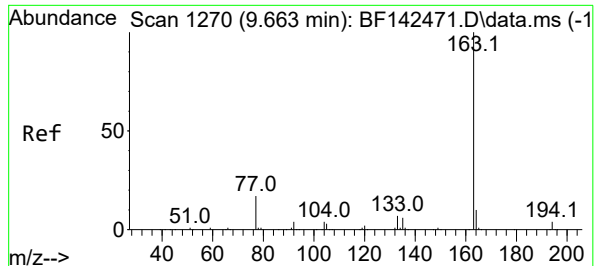
Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 12.8 10.6 15.8





#50

Dimethylphthalate

Concen: 5.461 ng

RT: 9.651 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

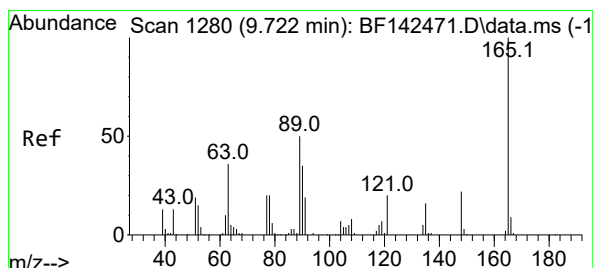
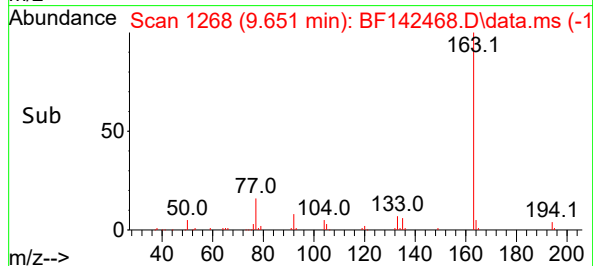
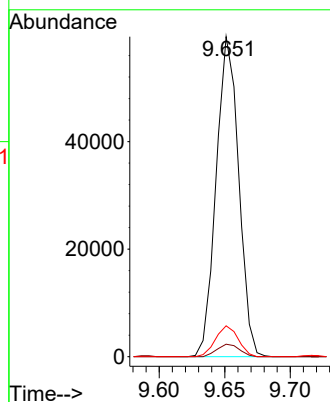
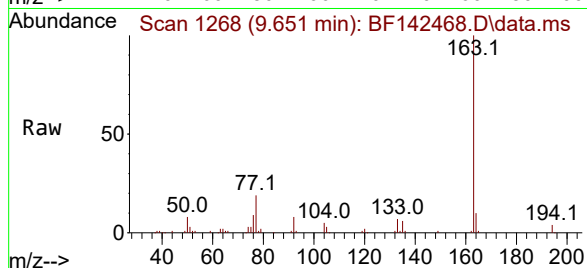
Tgt Ion:163 Resp: 71020

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 9.7 8.2 12.4



#51

2,6-Dinitrotoluene

Concen: 5.093 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

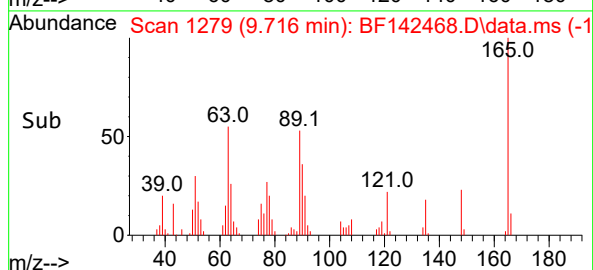
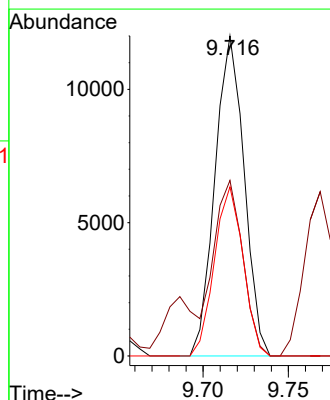
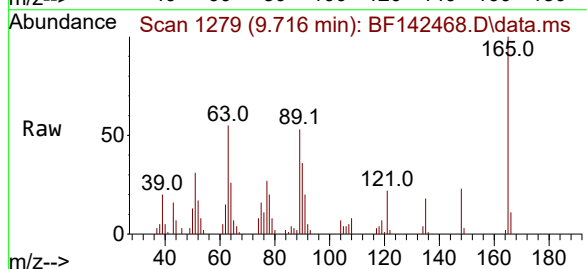
Tgt Ion:165 Resp: 14295

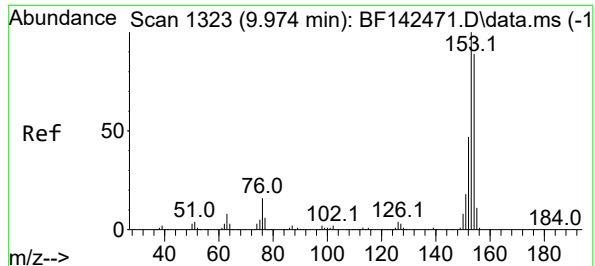
Ion Ratio Lower Upper

165 100

63 54.8 42.9 64.3

89 52.9 40.2 60.4

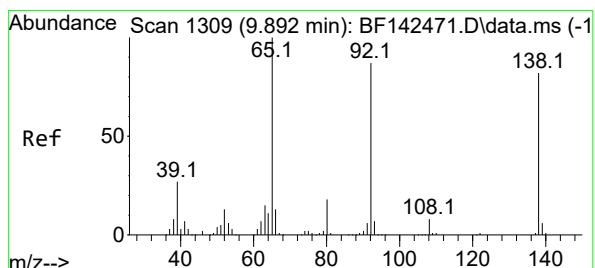
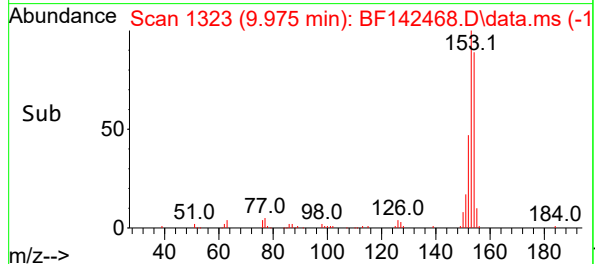
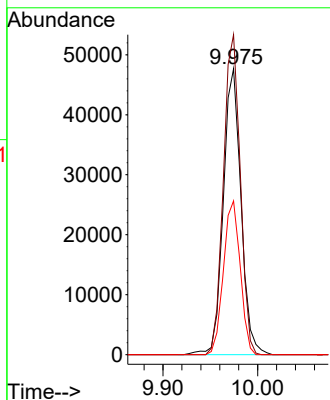
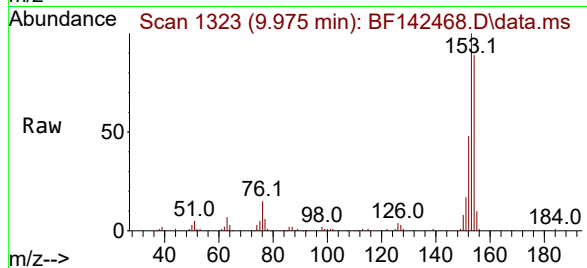




#52
Acenaphthene
Concen: 5.325 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

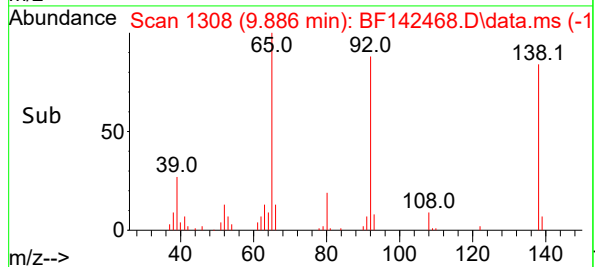
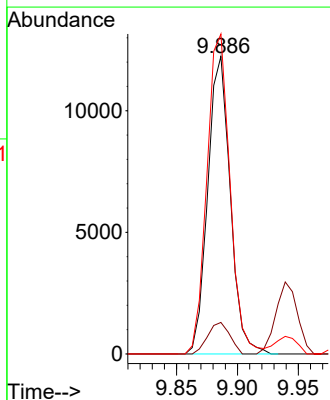
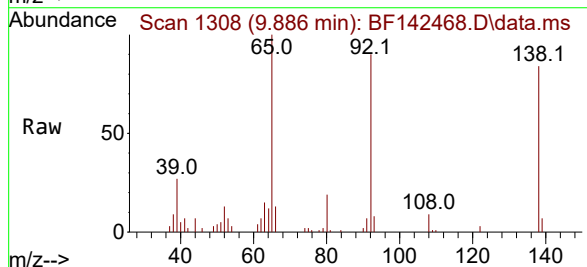
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

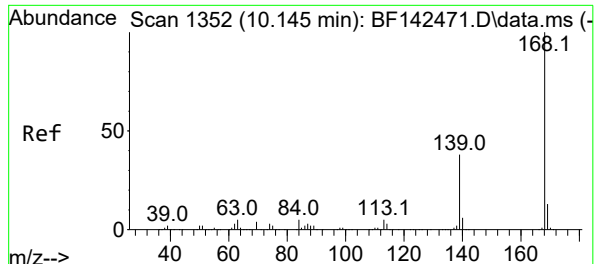
Tgt Ion:154 Resp: 62026
Ion Ratio Lower Upper
154 100
153 111.9 90.0 135.0
152 53.8 42.6 64.0



#53
3-Nitroaniline
Concen: 5.137 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:138 Resp: 15749
Ion Ratio Lower Upper
138 100
108 10.6 8.1 12.1
92 107.5 85.2 127.8





#55

Dibenzofuran

Concen: 5.545 ng

RT: 10.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

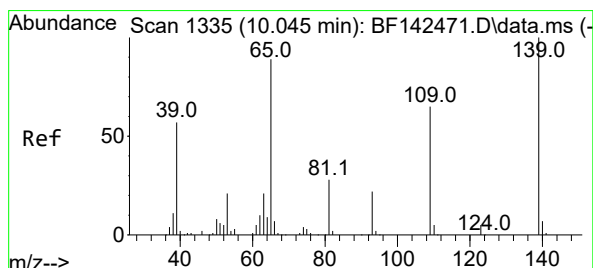
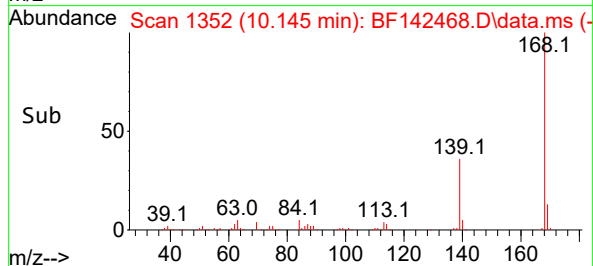
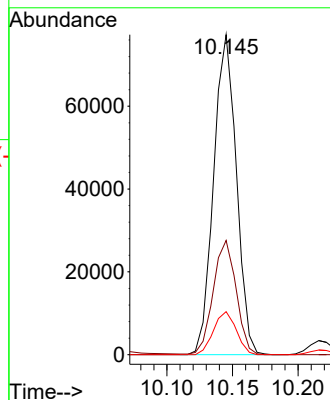
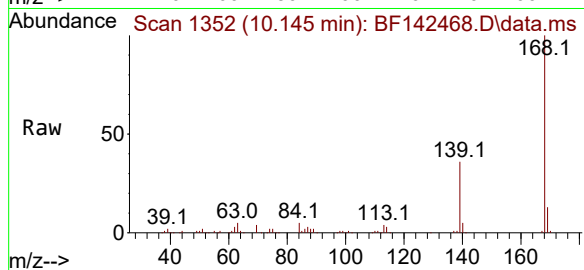
Tgt Ion:168 Resp: 92955

Ion Ratio Lower Upper

168 100

139 35.7 30.2 45.2

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 4.808 ng

RT: 10.039 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

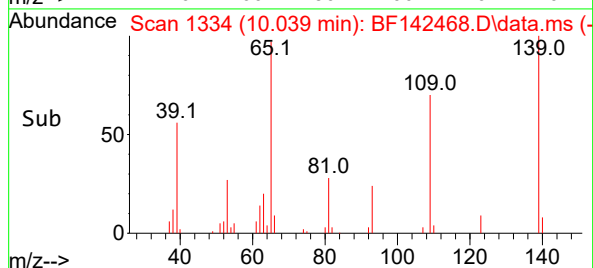
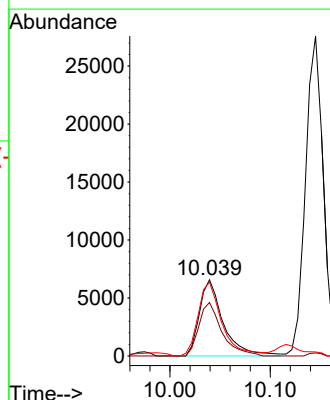
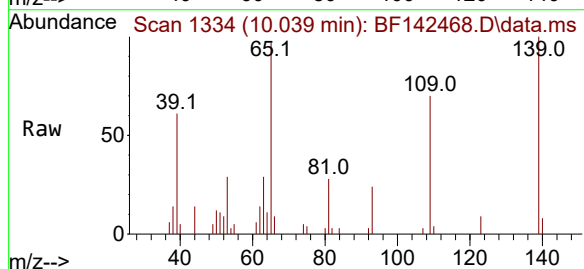
Tgt Ion:139 Resp: 10876

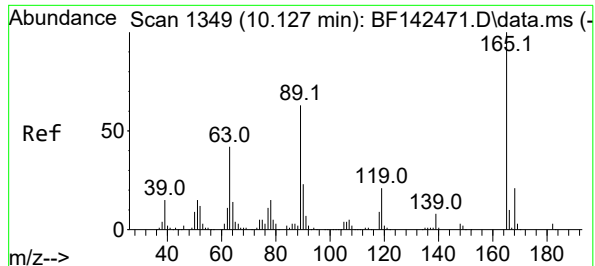
Ion Ratio Lower Upper

139 100

109 70.0 45.1 85.1

65 96.7 69.7 109.7





#57

2,4-Dinitrotoluene

Concen: 4.998 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:165 Resp: 18322

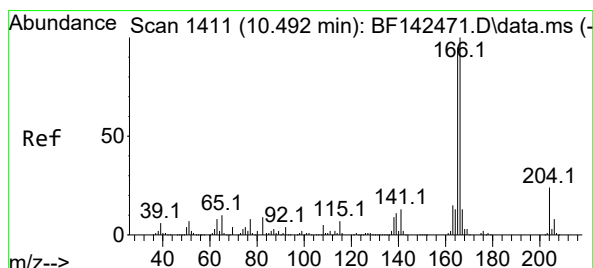
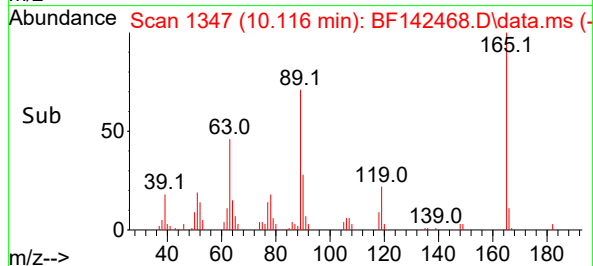
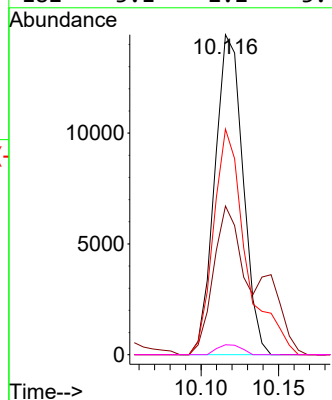
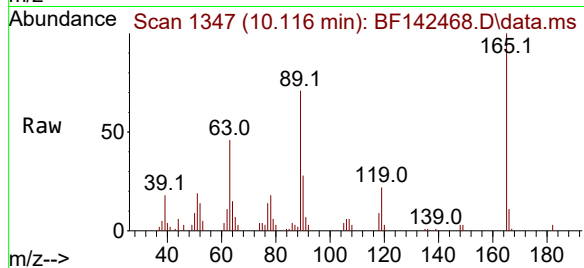
Ion Ratio Lower Upper

165 100

63 46.5 33.6 50.4

89 70.5 50.2 75.4

182 3.1 2.2 3.4



#58

Fluorene

Concen: 5.620 ng

RT: 10.486 min Scan# 1410

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

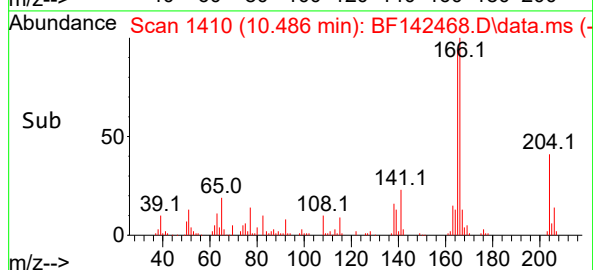
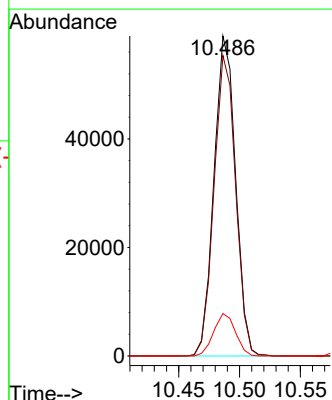
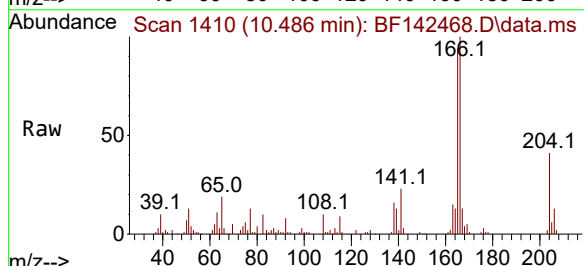
Tgt Ion:166 Resp: 72775

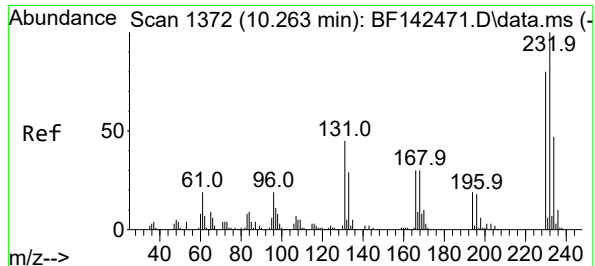
Ion Ratio Lower Upper

166 100

165 93.9 75.8 113.8

167 13.2 10.6 16.0

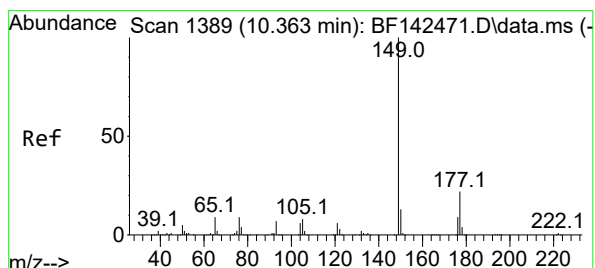
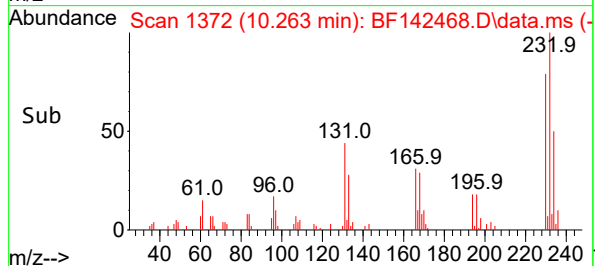
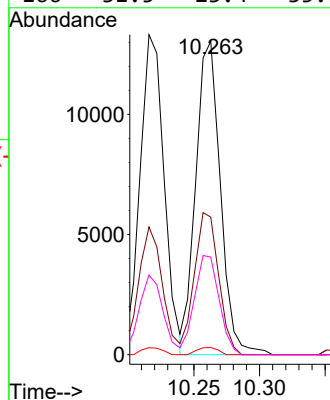
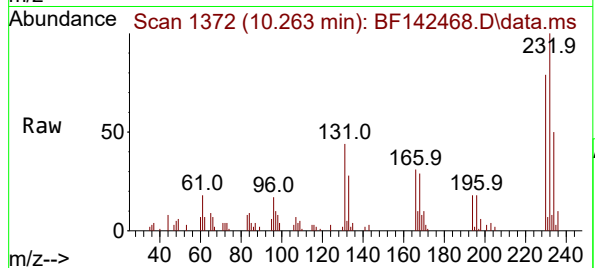




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.090 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

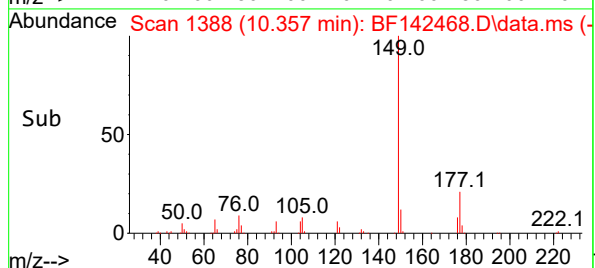
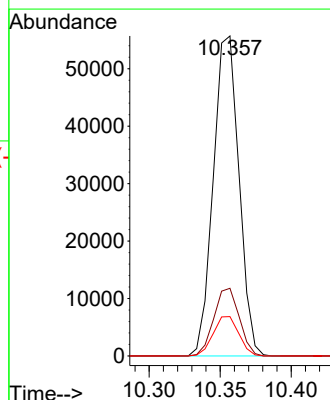
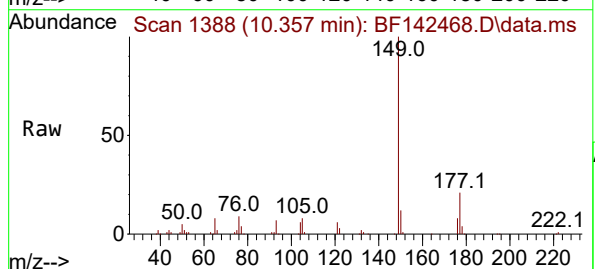
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

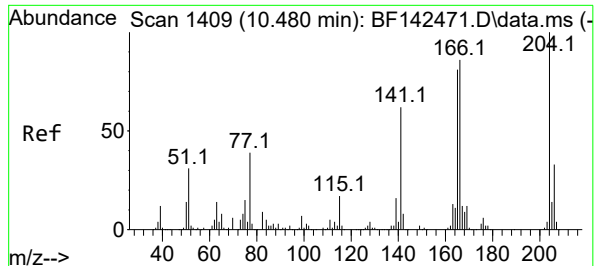
Tgt Ion:232 Resp: 17096
Ion Ratio Lower Upper
232 100
131 44.4 35.2 52.8
130 1.9 1.7 2.5
166 31.5 23.4 35.0



#60
Diethylphthalate
Concen: 5.515 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:149 Resp: 70046
Ion Ratio Lower Upper
149 100
177 21.2 17.6 26.4
150 12.3 10.1 15.1

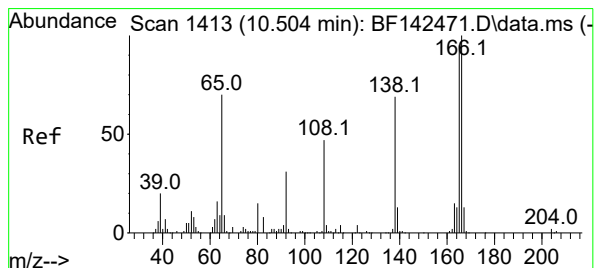
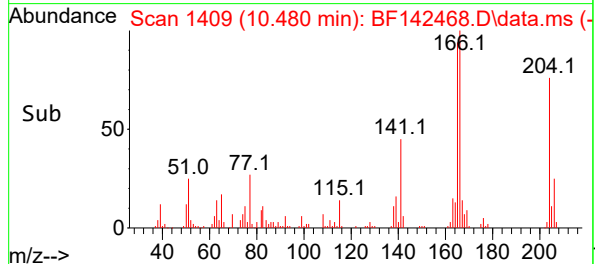
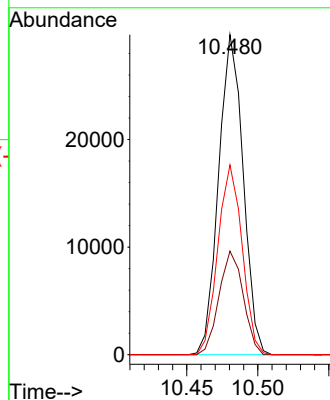
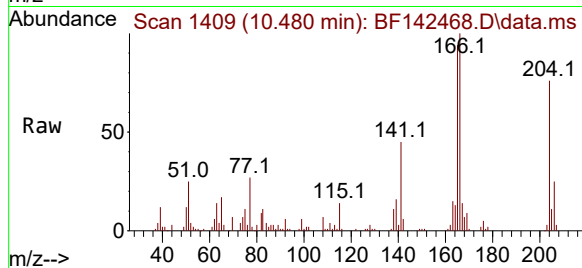




#61
4-Chlorophenyl-phenylether
Concen: 5.611 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

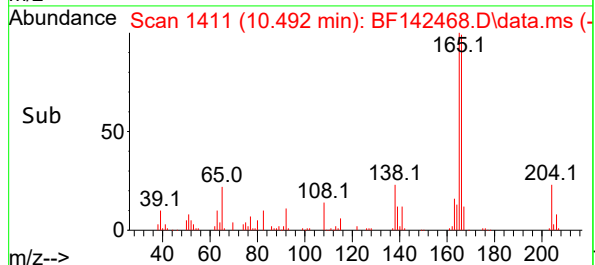
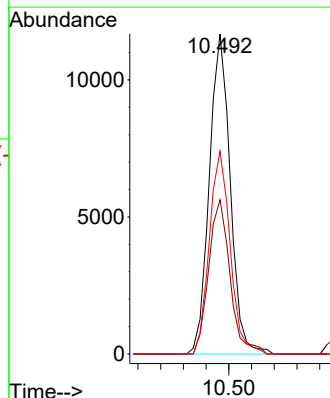
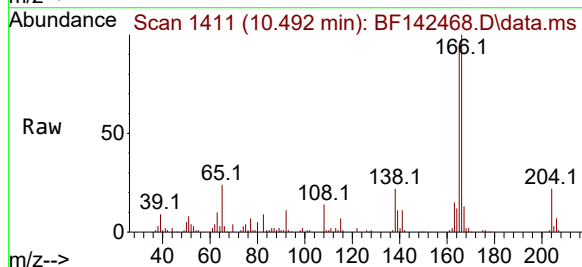
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

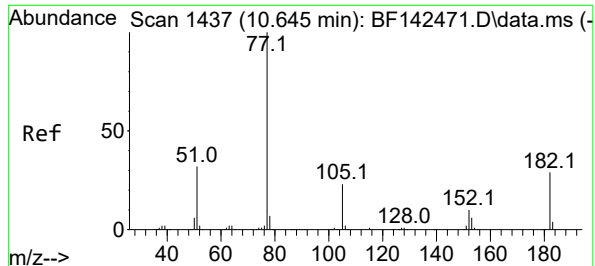
Tgt Ion:	204	Resp:	35694
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.3	39.5
141	59.3	49.5	74.3



#62
4-Nitroaniline
Concen: 5.366 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:	138	Resp:	14920
Ion Ratio	Lower	Upper	
138	100		
92	48.2	26.0	66.0
108	63.4	48.4	88.4

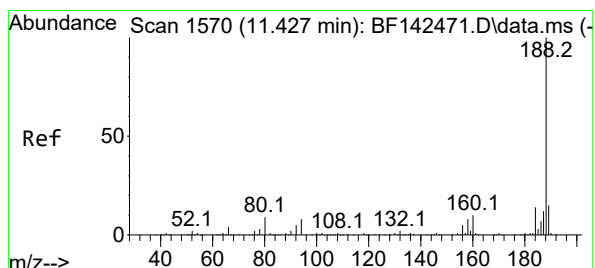
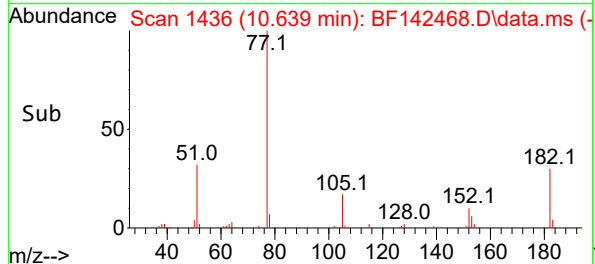
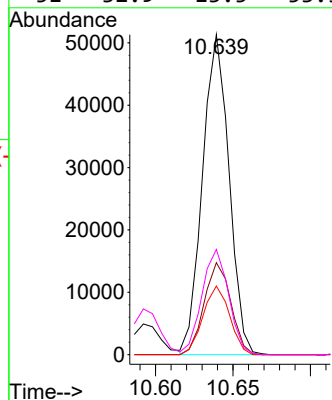
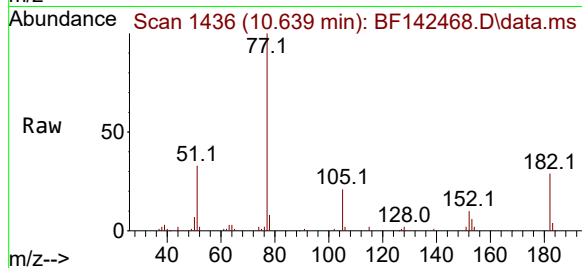




#63
Azobenzene
Concen: 5.351 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

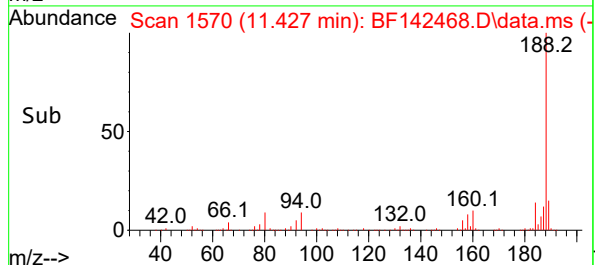
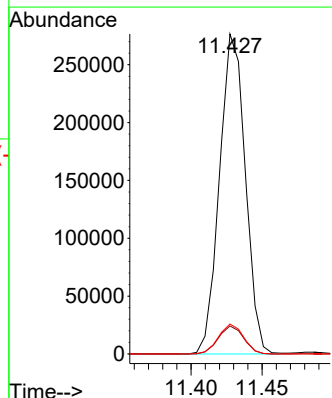
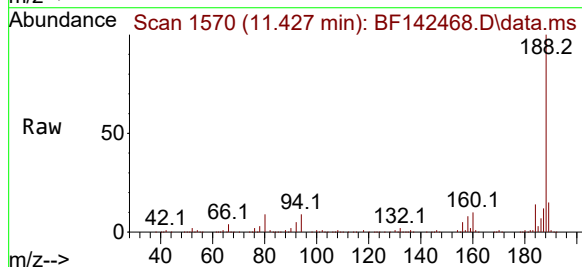
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

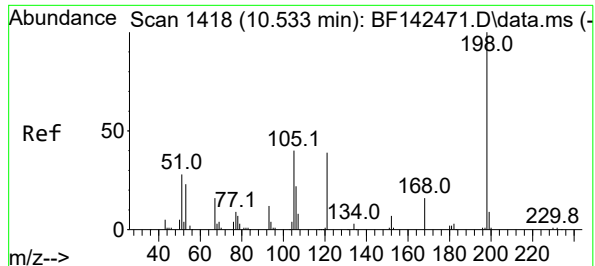
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.8	9.0	49.0
105	21.4	2.4	42.4
51	32.9	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.3	7.4	11.0

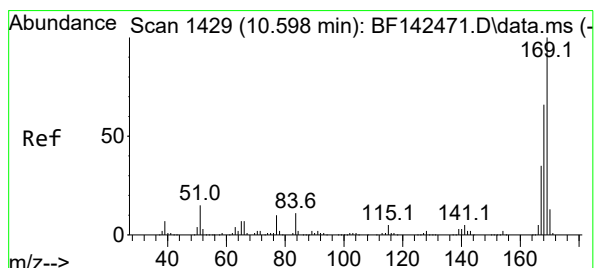
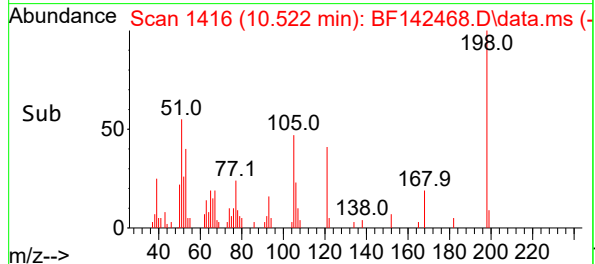
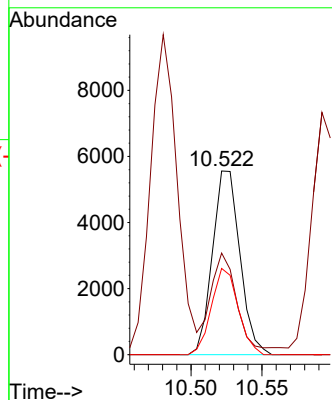
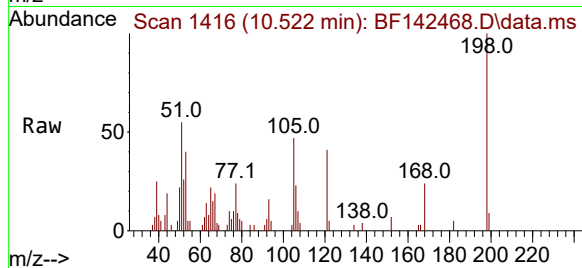




#65
4,6-Dinitro-2-methylphenol
Concen: 3.833 ng
RT: 10.522 min Scan# 1418
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

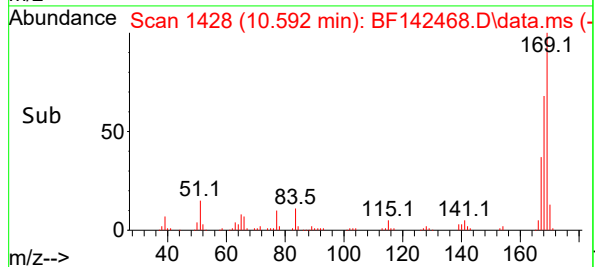
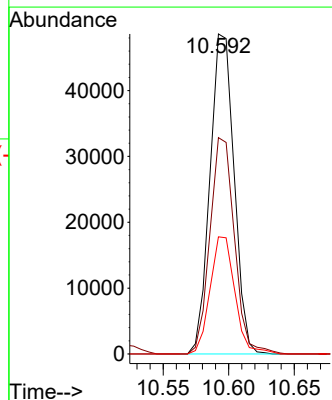
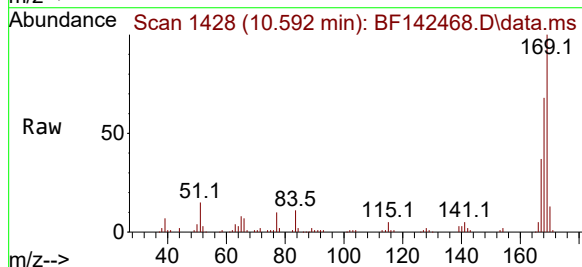
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

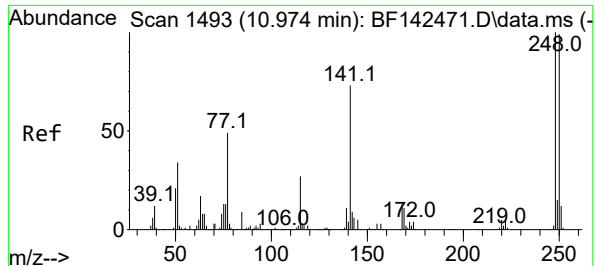
Tgt Ion	Ratio	Lower	Upper
198	100		
51	55.3	28.3	68.3
105	46.9	21.3	61.3



#66
n-Nitrosodiphenylamine
Concen: 5.204 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	52.7	79.1
167	36.6	28.3	42.5

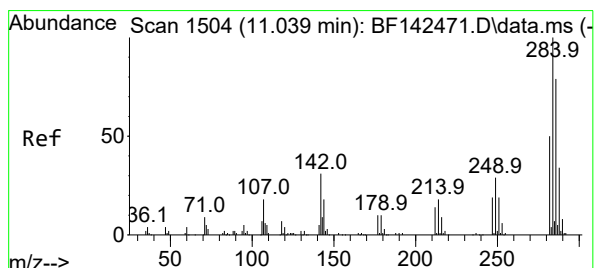
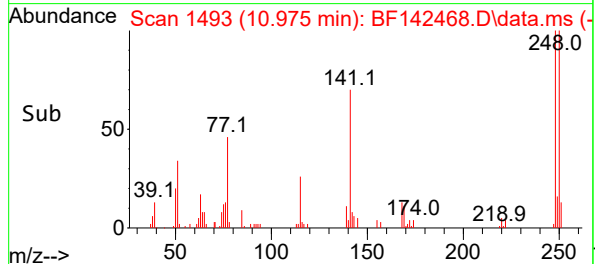
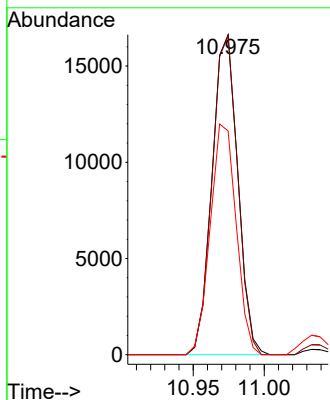
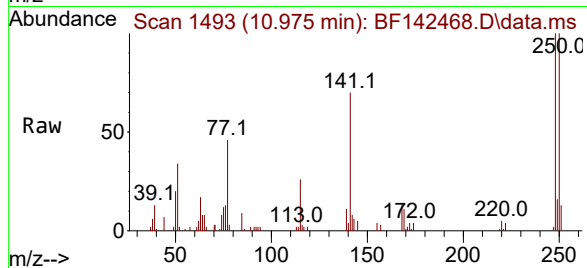




#67
4-Bromophenyl-phenylether
Concen: 5.076 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

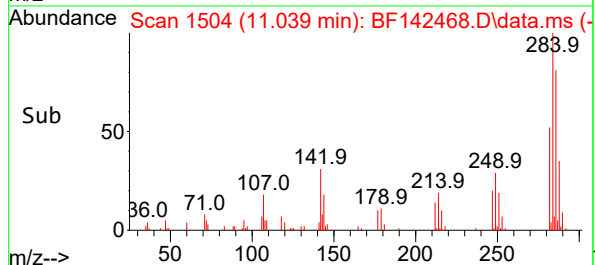
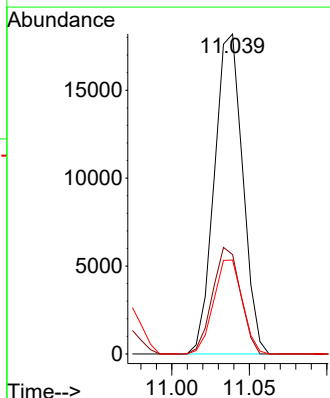
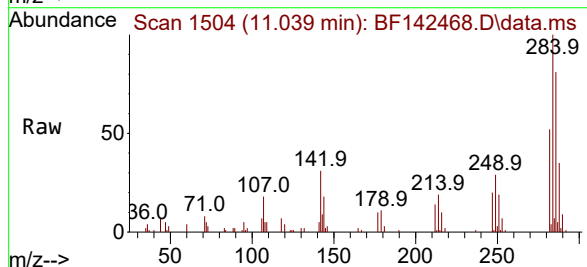
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

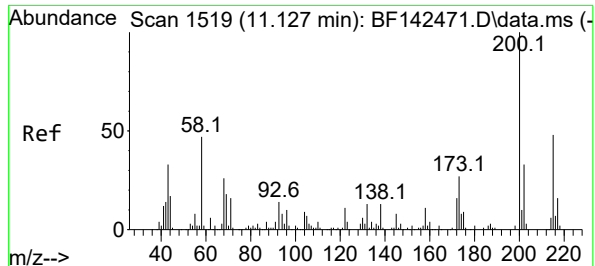
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.0	118.4
141	69.9	58.4	87.6



#68
Hexachlorobenzene
Concen: 5.067 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	24.8	37.2
249	29.4	23.6	35.4





#69

Atrazine

Concen: 5.053 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

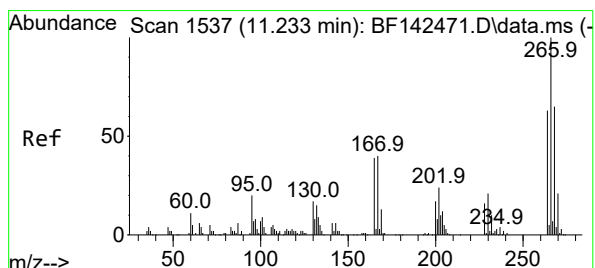
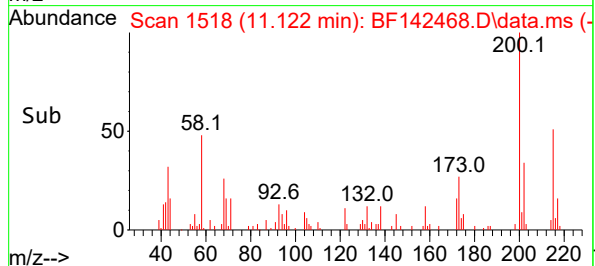
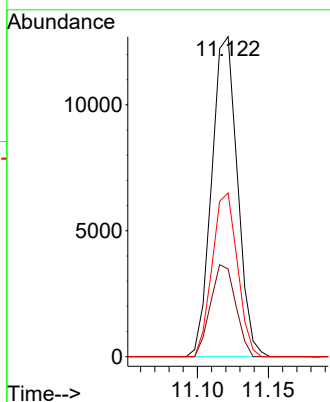
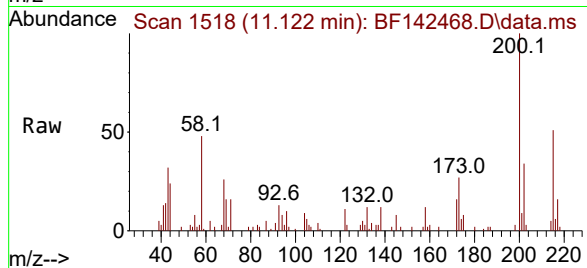
Tgt Ion:200 Resp: 16045

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

215 51.1 28.5 68.5



#70

Pentachlorophenol

Concen: 4.401 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

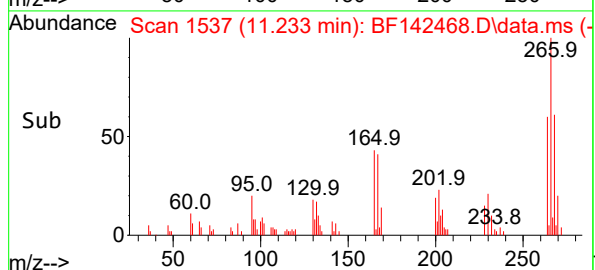
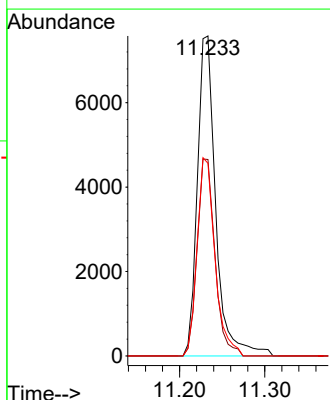
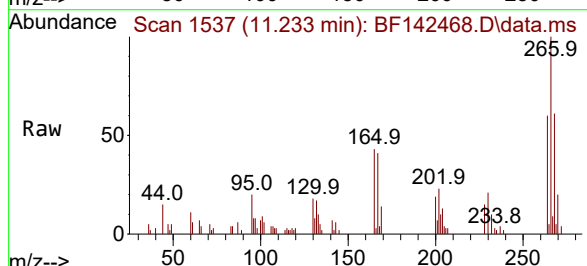
Tgt Ion:266 Resp: 11357

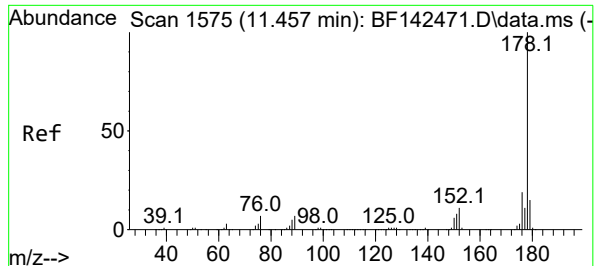
Ion Ratio Lower Upper

266 100

268 61.4 51.7 77.5

264 60.2 50.4 75.6

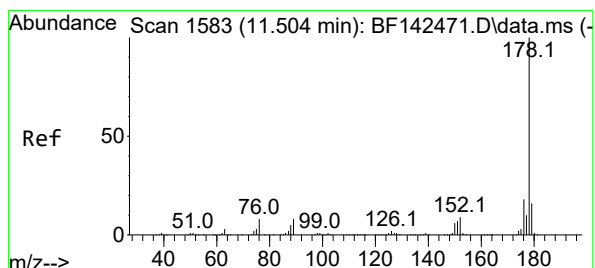
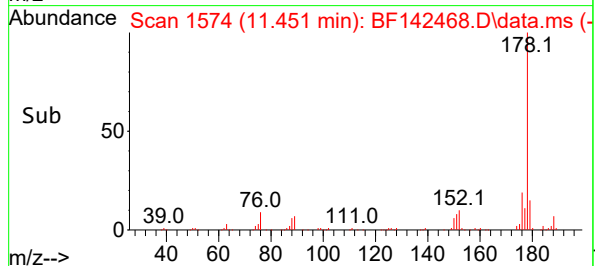
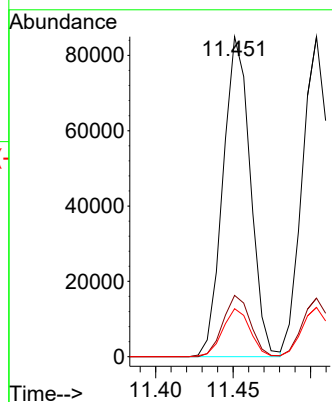
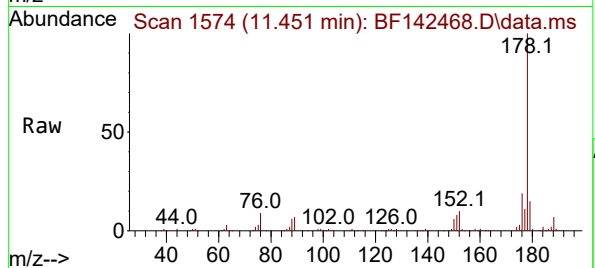




#71
Phenanthrene
Concen: 5.594 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

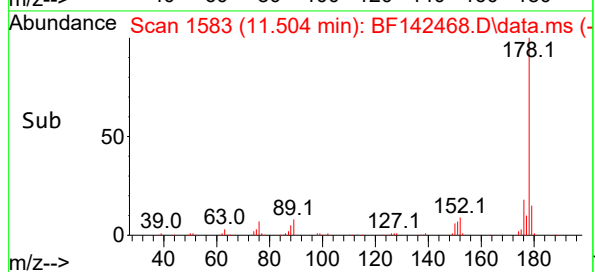
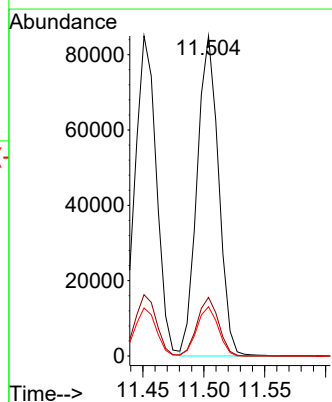
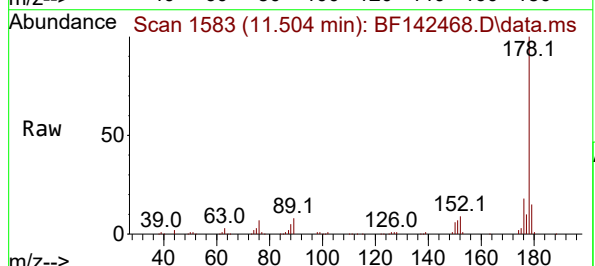
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

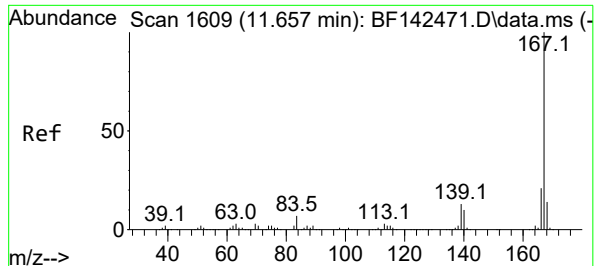
Tgt Ion:178 Resp: 104484
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.0 12.3 18.5



#72
Anthracene
Concen: 5.457 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

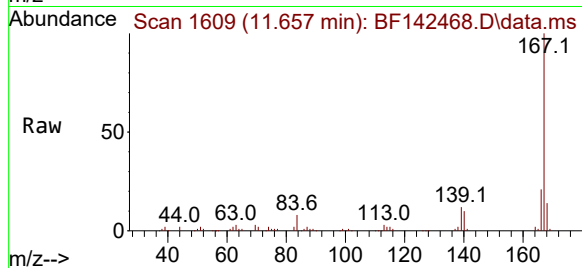
Tgt Ion:178 Resp: 104017
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.4 12.4 18.6



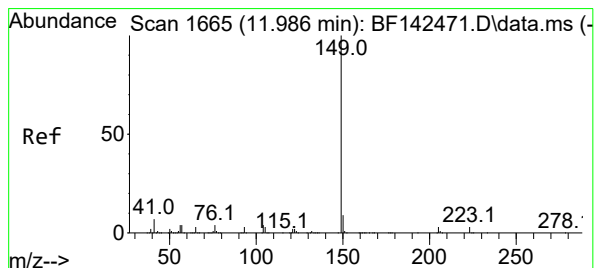
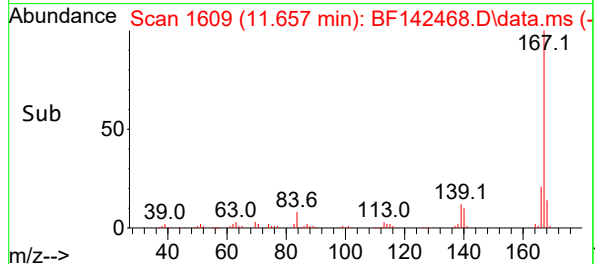
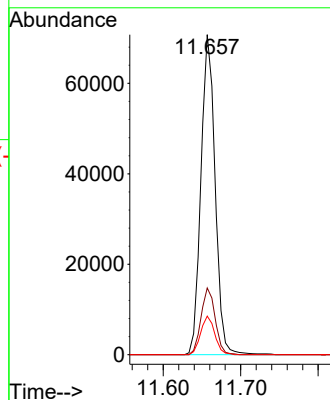


#73
Carbazole
Concen: 5.521 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

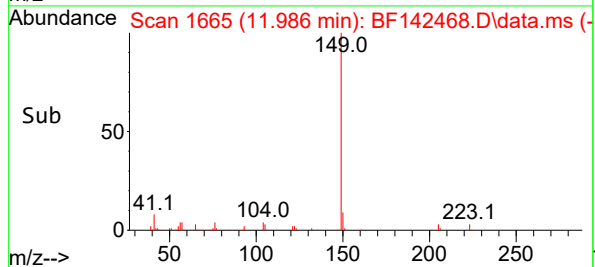
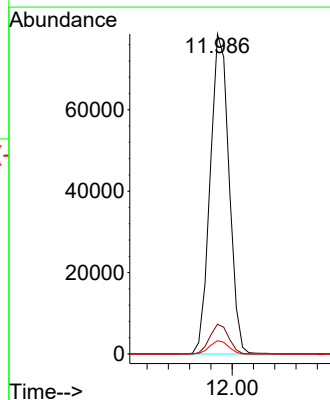
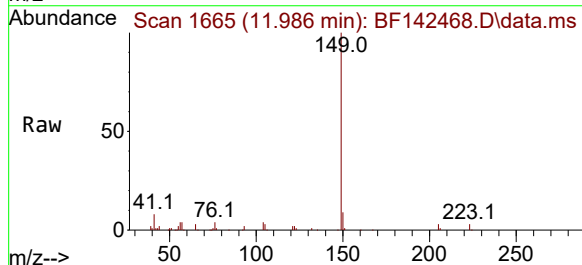


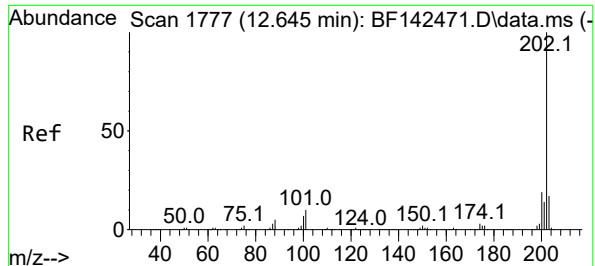
Tgt Ion:167 Resp: 89967
Ion Ratio Lower Upper
167 100
166 20.8 16.9 25.3
139 12.1 10.2 15.4



#74
Di-n-butylphthalate
Concen: 5.426 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:149 Resp: 96777
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.1 3.6 5.4

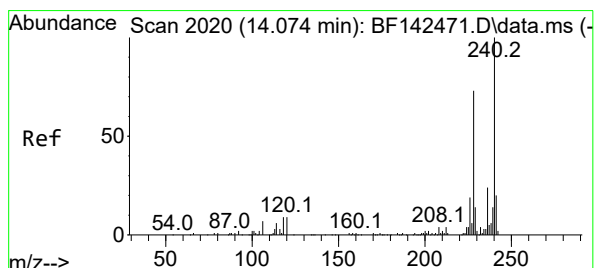
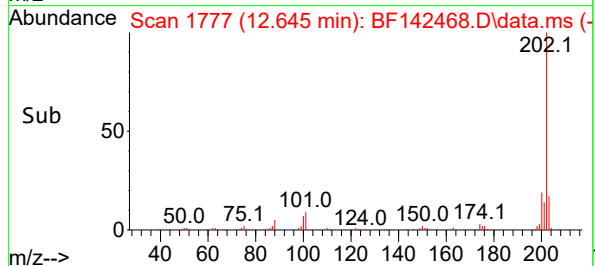
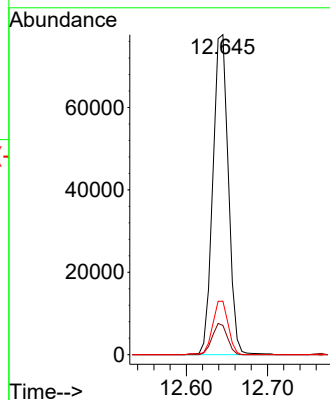
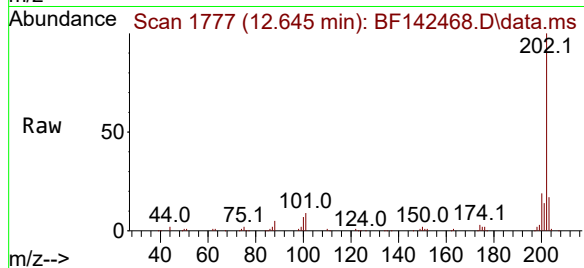




#75
Fluoranthene
Concen: 5.890 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

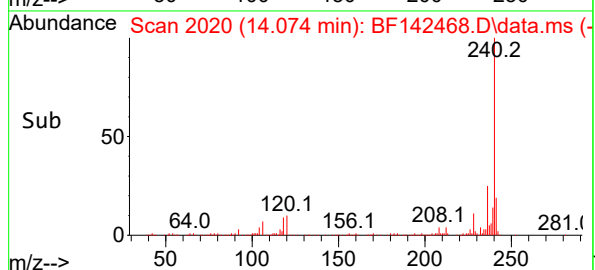
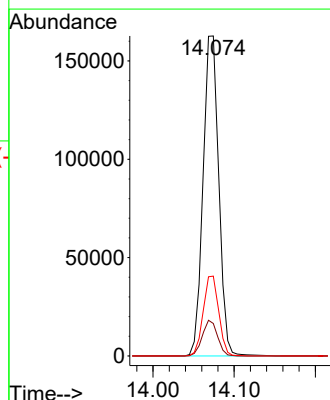
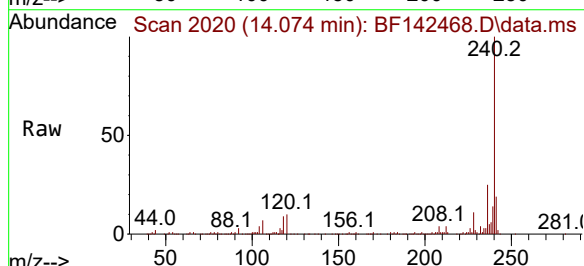
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

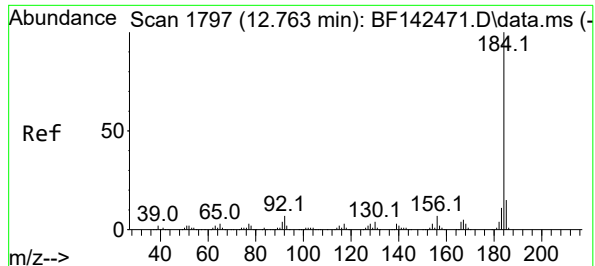
Tgt Ion:202 Resp: 102797
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.6
203 16.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:240 Resp: 218524
Ion Ratio Lower Upper
240 100
120 10.1 7.5 11.3
236 25.0 19.6 29.4





#77

Benzidine

Concen: 4.499 ng

RT: 12.763 min Scan# 1797

Delta R.T. 0.000 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

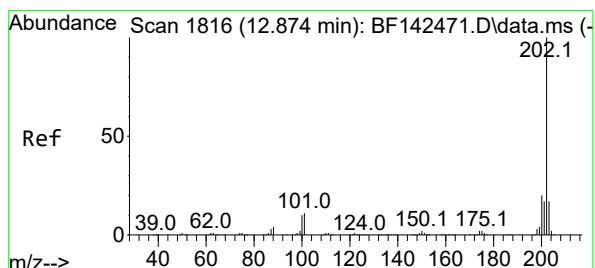
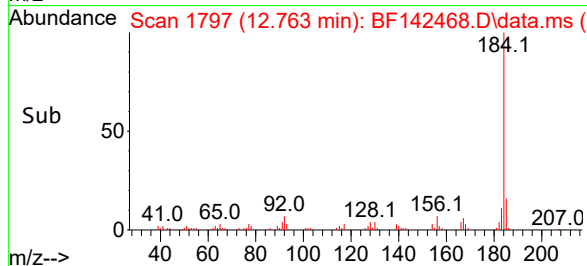
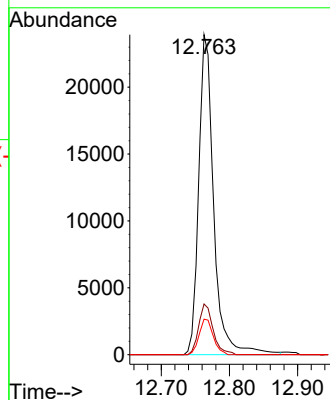
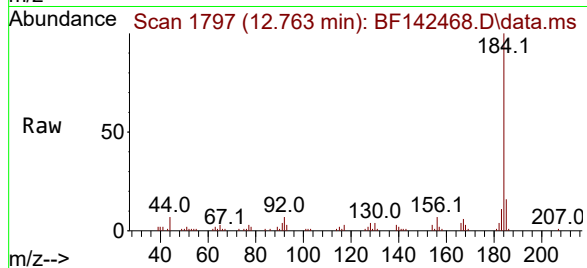
Tgt Ion:184 Resp: 36585

Ion Ratio Lower Upper

184 100

185 15.9 11.6 17.4

183 11.1 9.0 13.4



#78

Pyrene

Concen: 5.170 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

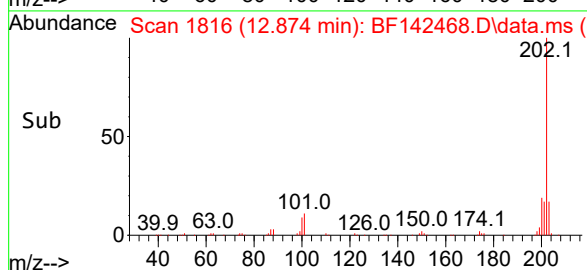
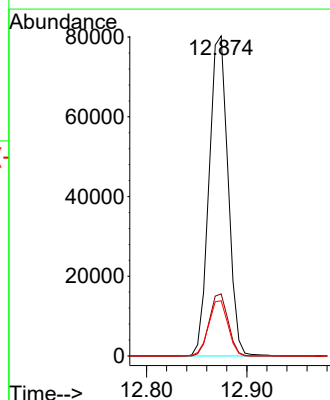
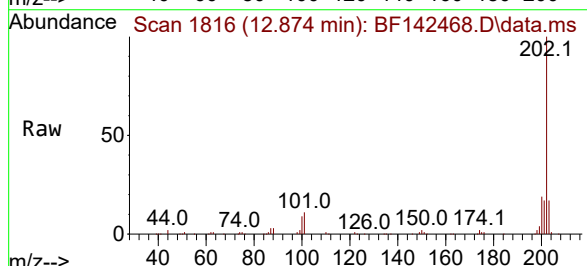
Tgt Ion:202 Resp: 105394

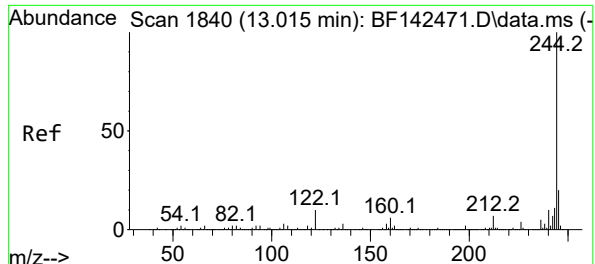
Ion Ratio Lower Upper

202 100

200 19.4 16.1 24.1

203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 11.096 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

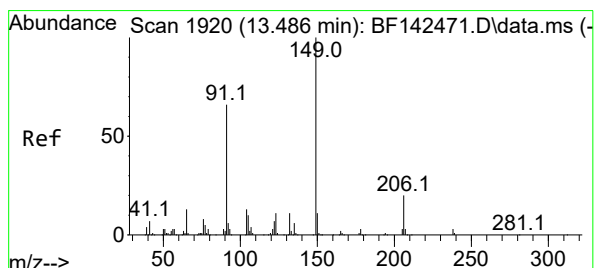
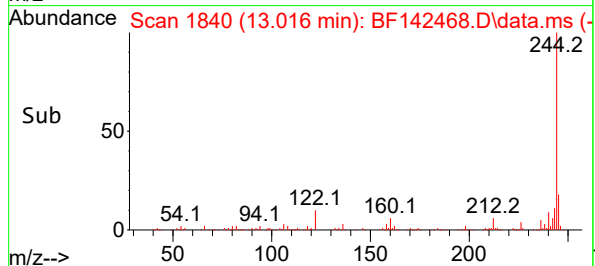
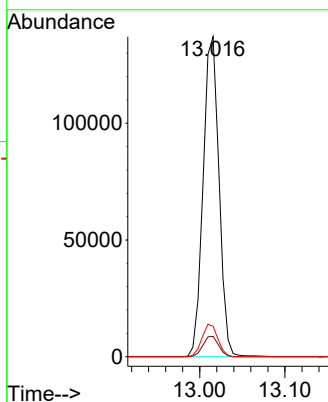
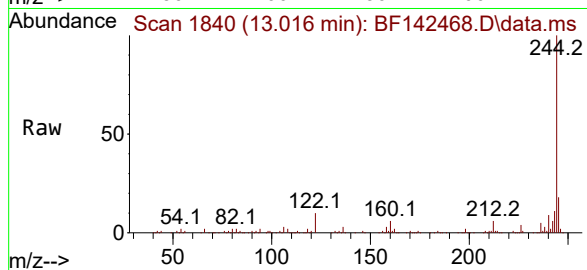
Tgt Ion:244 Resp: 177430

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 9.5 8.2 12.2



#80

Butylbenzylphthalate

Concen: 4.483 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

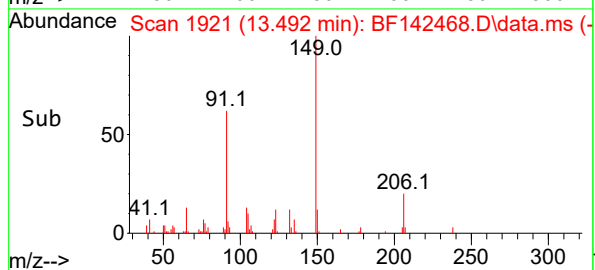
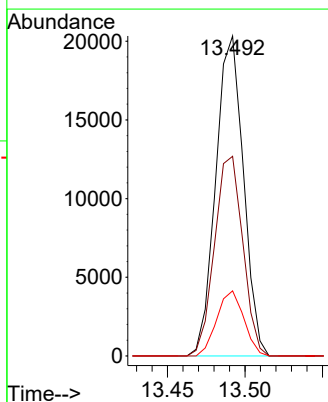
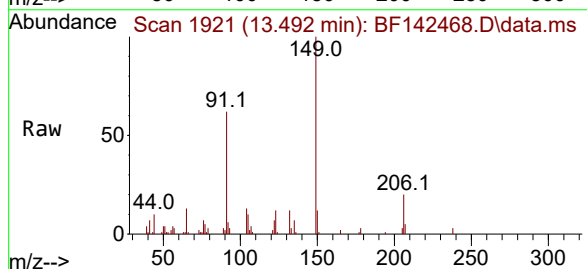
Tgt Ion:149 Resp: 25251

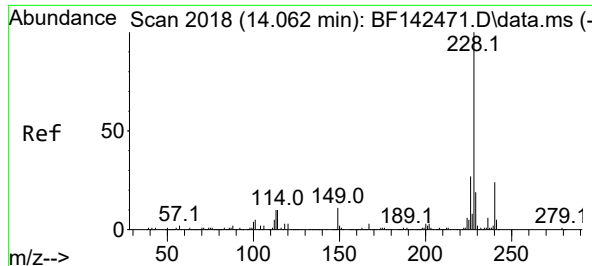
Ion Ratio Lower Upper

149 100

91 62.4 52.9 79.3

206 20.3 16.2 24.2

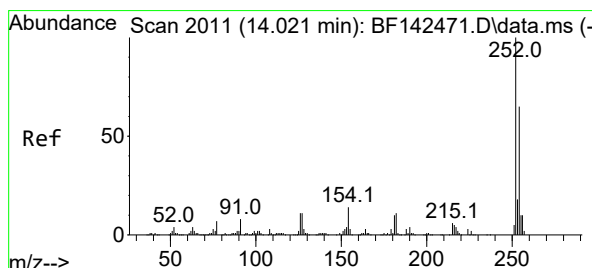
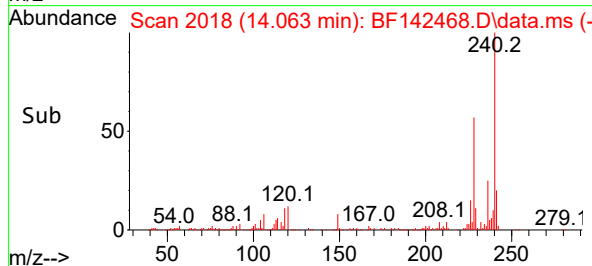
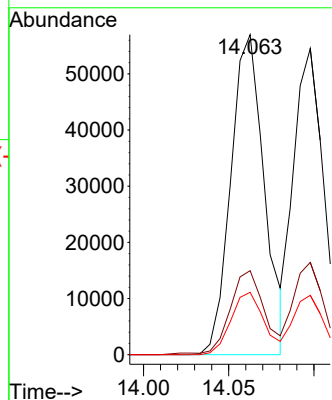
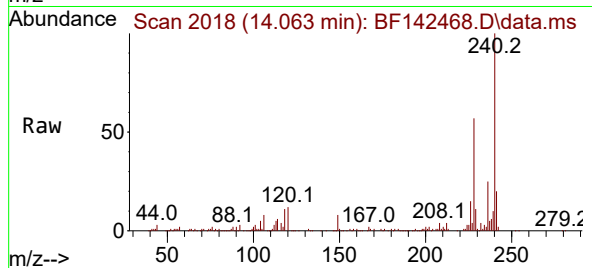




#81
Benzo(a)anthracene
Concen: 5.332 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

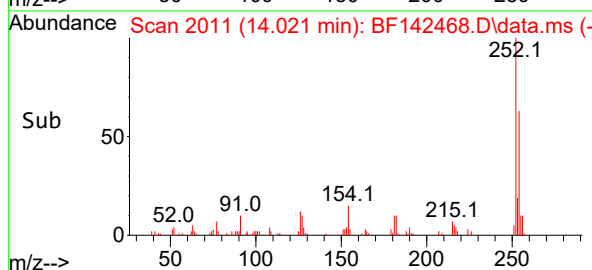
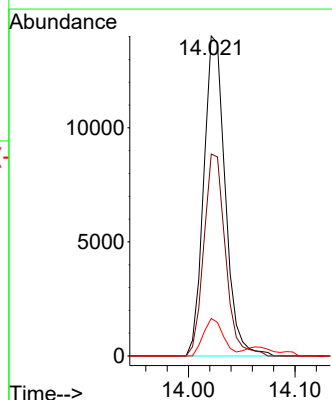
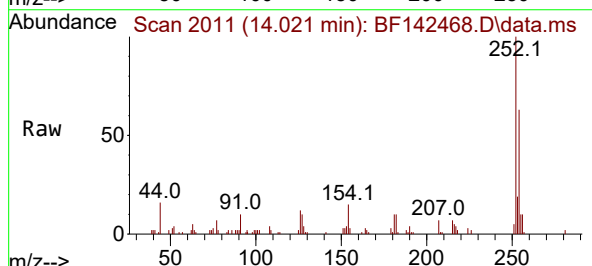
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

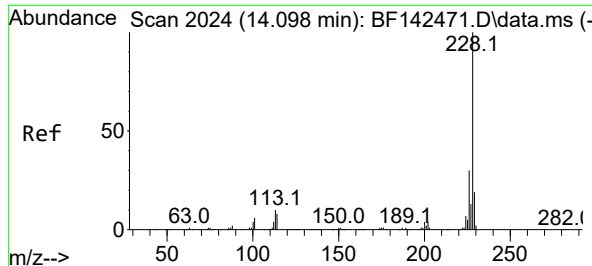
Tgt Ion:228 Resp: 77800
Ion Ratio Lower Upper
228 100
226 26.2 21.2 31.8
229 19.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 4.445 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:252 Resp: 19673
Ion Ratio Lower Upper
252 100
254 63.1 52.0 78.0
126 11.7 8.9 13.3





#83

Chrysene

Concen: 5.092 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

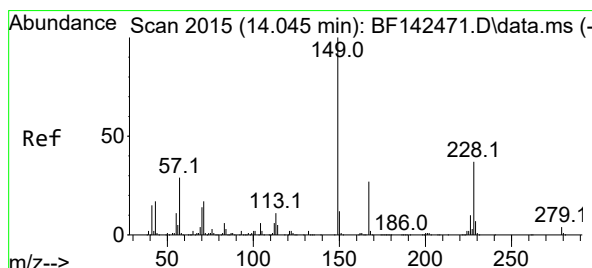
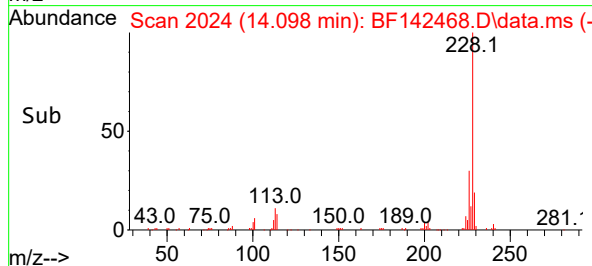
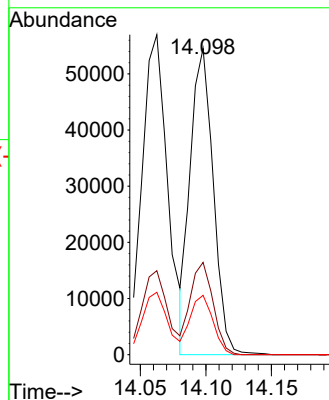
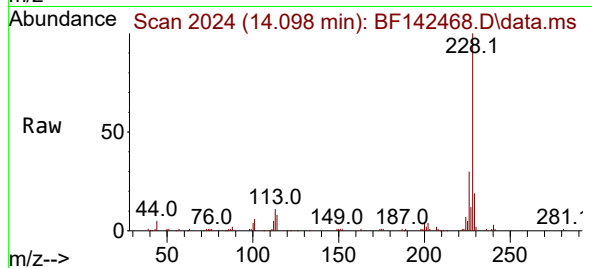
Tgt Ion:228 Resp: 66761

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.4 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.864 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

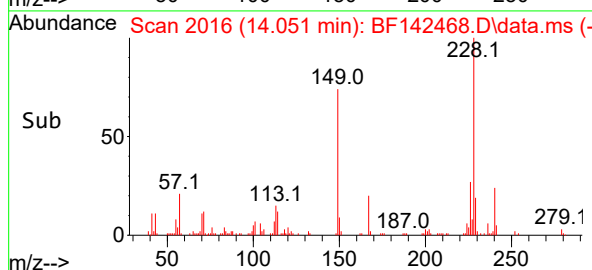
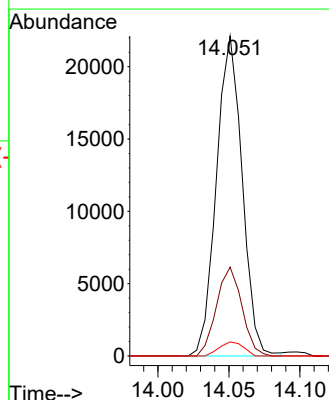
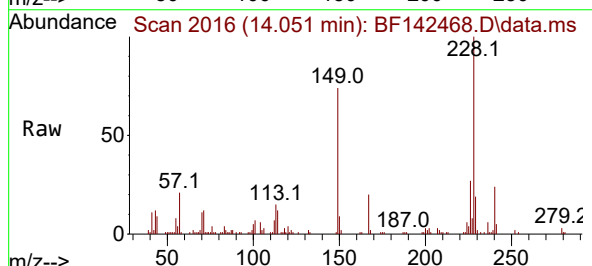
Tgt Ion:149 Resp: 27864

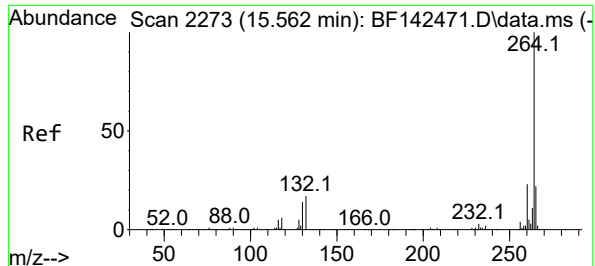
Ion Ratio Lower Upper

149 100

167 27.8 21.5 32.3

279 4.4 3.2 4.8

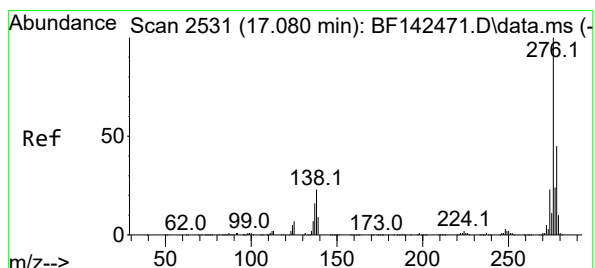
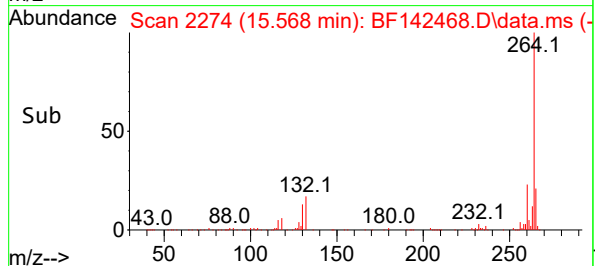
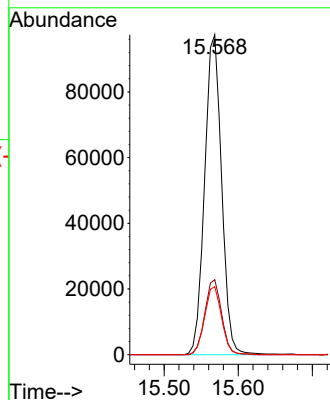
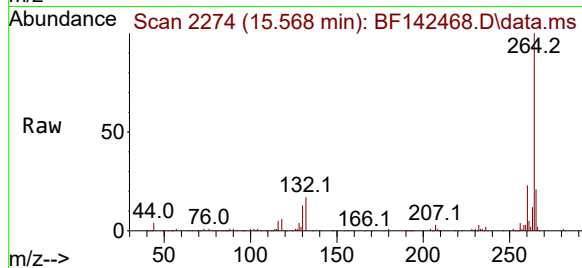




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

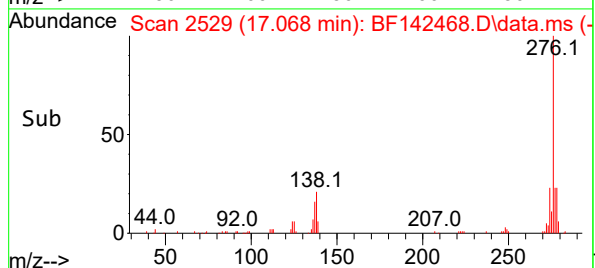
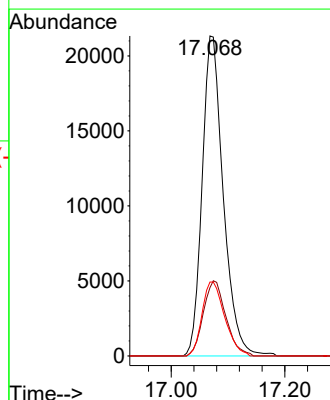
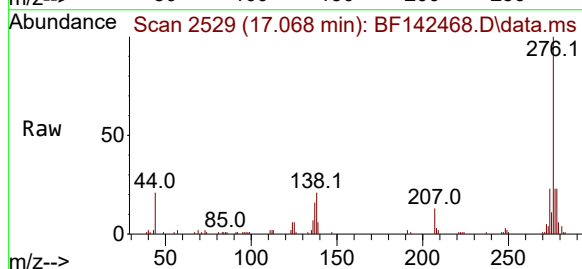
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

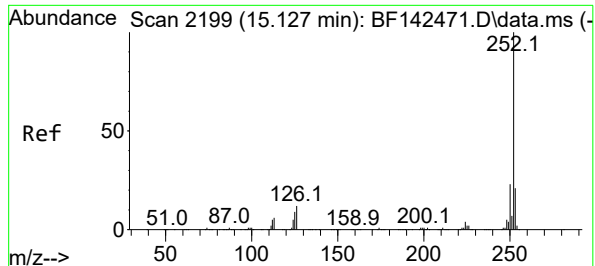
Tgt Ion:264 Resp: 154887
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.3 17.7 26.5



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.733 ng
RT: 17.068 min Scan# 2529
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:276 Resp: 55034
Ion Ratio Lower Upper
276 100
138 25.1 19.9 29.9
277 24.8 20.2 30.2

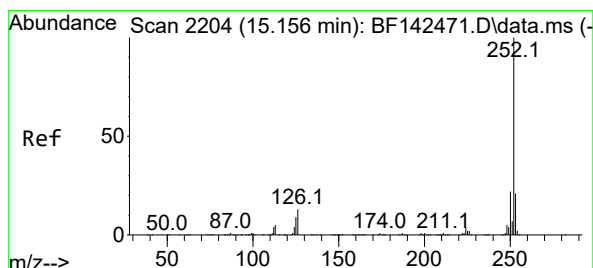
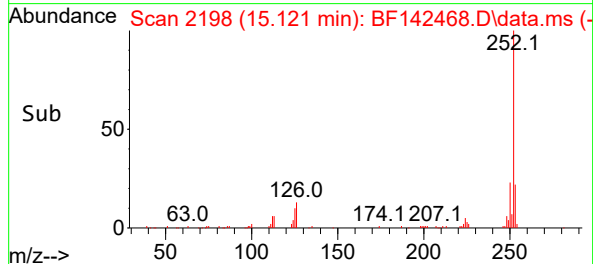
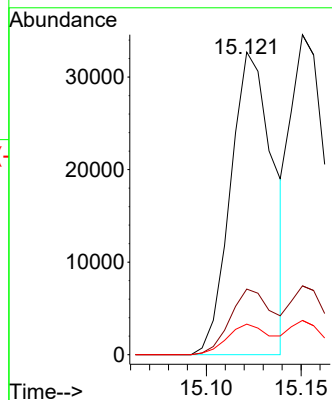
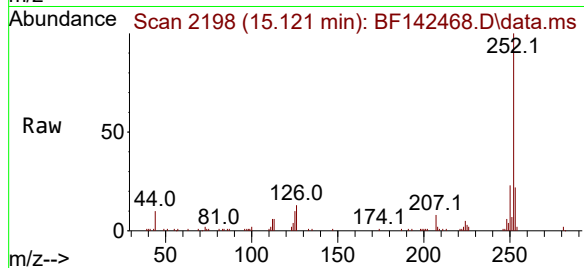




#88
Benzo(b)fluoranthene
Concen: 5.565 ng
RT: 15.121 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

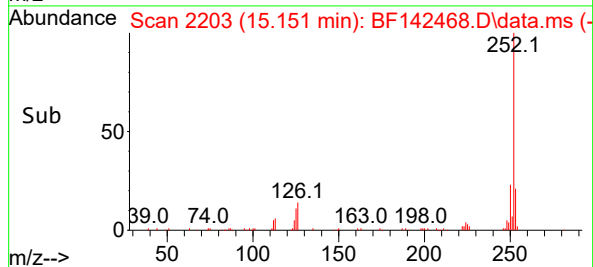
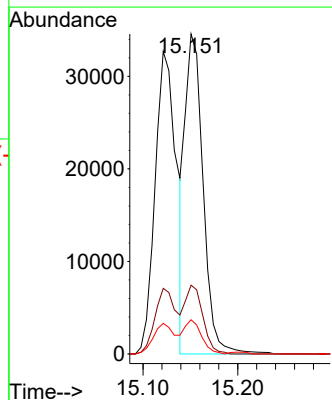
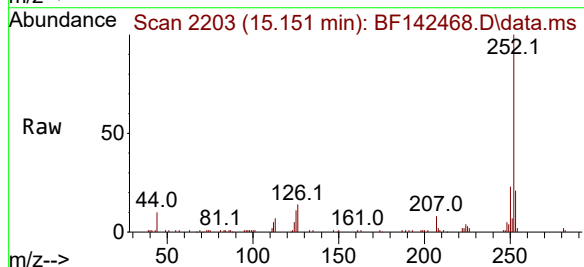
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

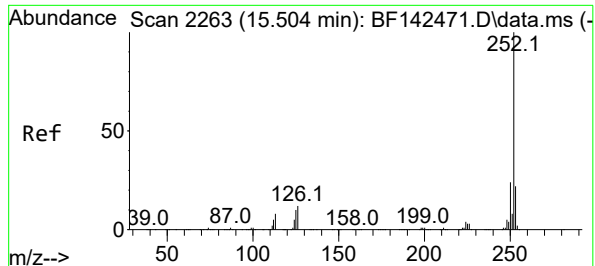
Tgt Ion:252 Resp: 51014
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 10.1 7.4 11.0



#89
Benzo(k)fluoranthene
Concen: 5.371 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:252 Resp: 46114
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 10.7 7.3 10.9





#90

Benzo(a)pyrene

Concen: 5.172 ng

RT: 15.498 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

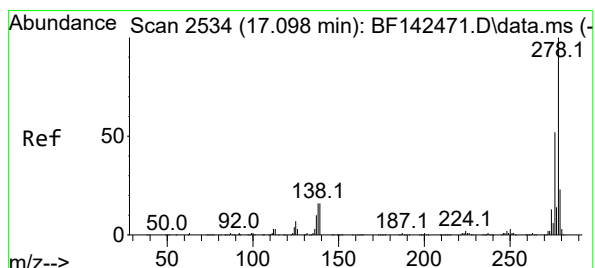
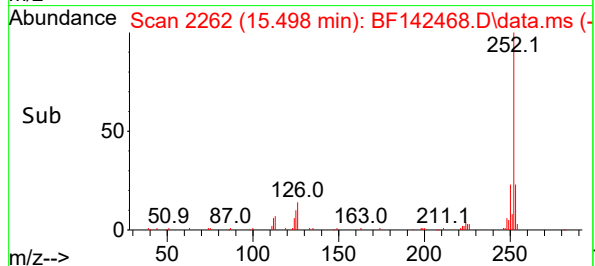
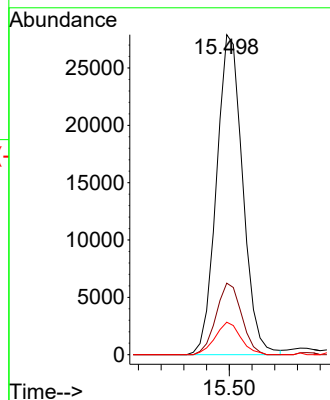
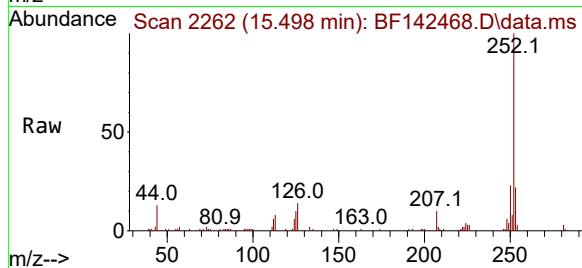
Tgt Ion:252 Resp: 44694

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 10.1 7.9 11.9



#91

Dibenzo(a,h)anthracene

Concen: 4.731 ng

RT: 17.092 min Scan# 2533

Delta R.T. -0.023 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

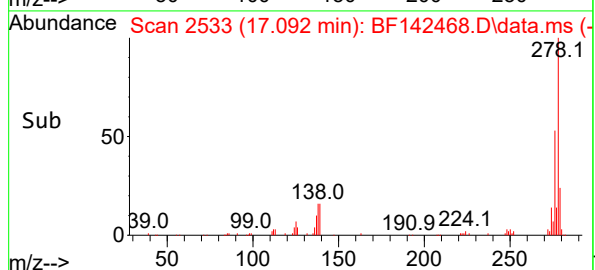
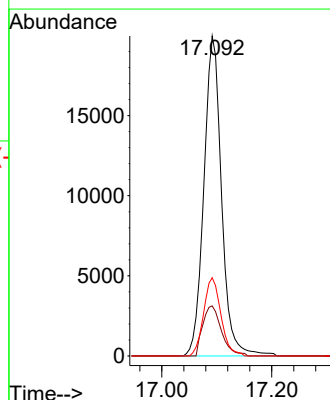
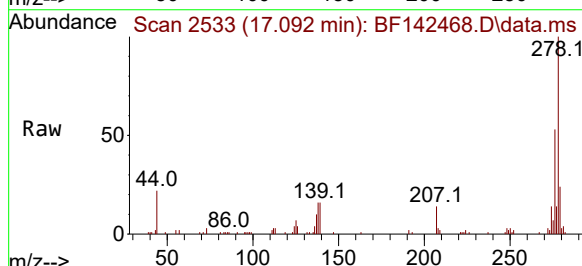
Tgt Ion:278 Resp: 44618

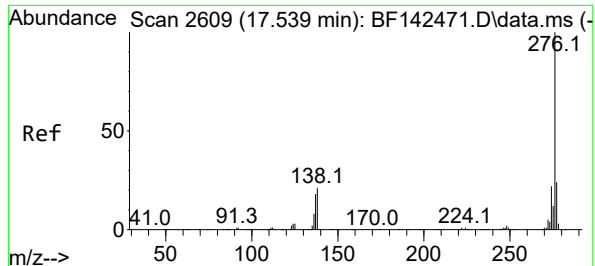
Ion Ratio Lower Upper

278 100

139 15.6 12.8 19.2

279 24.4 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 4.737 ng

RT: 17.527 min Scan# 2

Delta R.T. -0.029 min

Lab File: BF142468.D

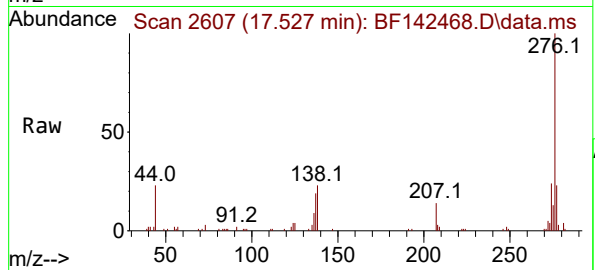
Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



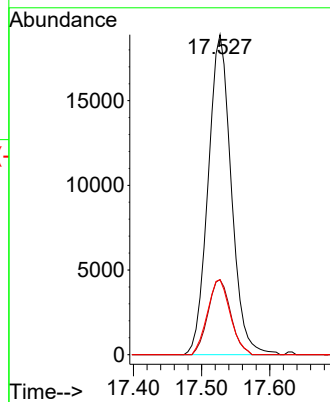
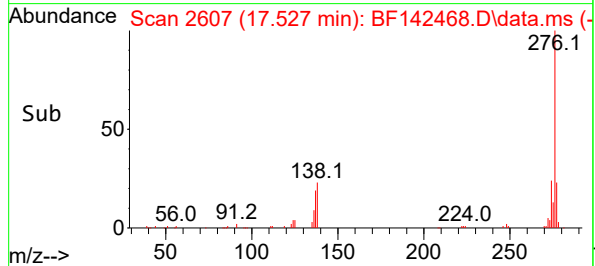
Tgt Ion:276 Resp: 44684

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 23.5 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142469.D
 Acq On : 20 May 2025 13:07
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: May 20 16:55:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	93167	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	365488	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	205654	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	357871	20.000	ng	0.00
76) Chrysene-d12	14.069	240	197144	20.000	ng	0.00
86) Perylene-d12	15.563	264	160066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	113098	20.452	ng	-0.01
7) Phenol-d6	6.516	99	134953	20.273	ng	-0.02
23) Nitrobenzene-d5	7.457	82	133256	19.881	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	46280	20.276	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	332871	21.719	ng	-0.01
79) Terphenyl-d14	13.010	244	311785	21.612	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	21412	9.676	ng	99
3) Pyridine	3.440	79	53586	9.509	ng	97
4) n-Nitrosodimethylamine	3.369	42	27624	9.441	ng	# 97
6) Aniline	6.557	93	87993	9.831	ng	99
8) 2-Chlorophenol	6.681	128	60216	9.997	ng	100
9) Benzaldehyde	6.446	77	45431	11.347	ng	98
10) Phenol	6.528	94	75527	10.083	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	53797	9.978	ng	99
12) 1,3-Dichlorobenzene	6.840	146	68483	10.189	ng	98
13) 1,4-Dichlorobenzene	6.916	146	68774	10.158	ng	98
14) 1,2-Dichlorobenzene	7.069	146	65441	10.102	ng	99
15) Benzyl Alcohol	7.034	79	47712	9.699	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	92128	10.175	ng	100
17) 2-Methylphenol	7.140	107	46205	9.825	ng	98
18) Hexachloroethane	7.416	117	23425	9.909	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	40995	9.937	ng	96
20) 3+4-Methylphenols	7.293	107	61444	10.203	ng	# 86
22) Acetophenone	7.304	105	82804	10.234	ng	98
24) Nitrobenzene	7.475	77	59873	9.904	ng	98
25) Isophorone	7.716	82	112365	10.027	ng	98
26) 2-Nitrophenol	7.798	139	31085	9.623	ng	96
27) 2,4-Dimethylphenol	7.828	122	57543	10.102	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	71943	10.277	ng	97
29) 2,4-Dichlorophenol	8.034	162	51500	9.941	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	57228	10.179	ng	97
31) Naphthalene	8.204	128	186515	10.364	ng	100
32) Benzoic acid	7.893	122	27956m	8.062	ng	
33) 4-Chloroaniline	8.251	127	74805	10.258	ng	98
34) Hexachlorobutadiene	8.322	225	35161	10.016	ng	99
35) Caprolactam	8.587	113	13862	9.527	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	52919	9.968	ng	98
37) 2-Methylnaphthalene	8.892	142	116592	10.298	ng	98
38) 1-Methylnaphthalene	8.992	142	122130	10.429	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	59609	10.097	ng	99
41) Hexachlorocyclopentadiene	9.051	237	36016	9.044	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	38354	9.635	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142469.D
 Acq On : 20 May 2025 13:07
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

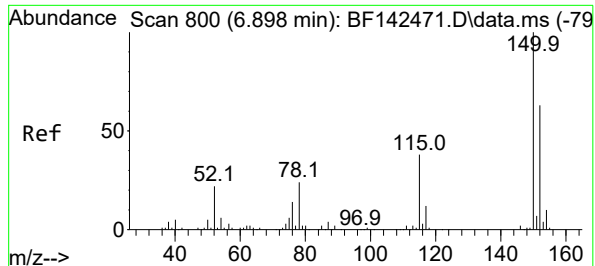
Quant Time: May 20 16:55:01 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	42272	10.069	ng	96
46) 1,1'-Biphenyl	9.357	154	165063	10.346	ng	99
47) 2-Chloronaphthalene	9.387	162	120339	10.208	ng	96
48) 2-Nitroaniline	9.475	65	32722	9.604	ng	98
49) Acenaphthylene	9.798	152	203767	10.237	ng	99
50) Dimethylphthalate	9.651	163	137804	10.155	ng	100
51) 2,6-Dinitrotoluene	9.716	165	29112	9.940	ng	98
52) Acenaphthene	9.975	154	125669	10.339	ng	96
53) 3-Nitroaniline	9.887	138	31820	9.947	ng	99
54) 2,4-Dinitrophenol	9.992	184	11352	7.502	ng #	82
55) Dibenzofuran	10.145	168	181558	10.380	ng	98
56) 4-Nitrophenol	10.034	139	22320	9.456	ng	92
57) 2,4-Dinitrotoluene	10.116	165	37749	9.869	ng	97
58) Fluorene	10.486	166	143883	10.648	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34548	9.857	ng	99
60) Diethylphthalate	10.357	149	134662	10.161	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	69739	10.506	ng	97
62) 4-Nitroaniline	10.492	138	29122	10.038	ng	98
63) Azobenzene	10.639	77	122806	10.317	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	16782	8.403	ng	94
66) n-Nitrosodiphenylamine	10.592	169	121959	9.961	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	42057	9.939	ng	96
68) Hexachlorobenzene	11.034	284	47773	10.207	ng	98
69) Atrazine	11.116	200	31184	9.591	ng	98
70) Pentachlorophenol	11.228	266	24115	9.126	ng	99
71) Phenanthrene	11.451	178	195667	10.231	ng	100
72) Anthracene	11.504	178	202509	10.375	ng	99
73) Carbazole	11.657	167	173217	10.381	ng	100
74) Di-n-butylphthalate	11.986	149	185880	10.177	ng	100
75) Fluoranthene	12.639	202	193456	10.825	ng	99
77) Benzidine	12.763	184	77091	10.508	ng	99
78) Pyrene	12.869	202	193842	10.540	ng	100
80) Butylbenzylphthalate	13.486	149	44682	8.793	ng	97
81) Benzo(a)anthracene	14.057	228	126886	9.639	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	35845	8.977	ng	99
83) Chrysene	14.092	228	118674	10.032	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	54056	8.310	ng	98
85) Di-n-octyl phthalate	14.663	149	94445	7.425	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	119642	9.956	ng	99
88) Benzo(b)fluoranthene	15.121	252	88432	9.335	ng	98
89) Benzo(k)fluoranthene	15.151	252	93315	10.517	ng	99
90) Benzo(a)pyrene	15.498	252	86477	9.684	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	98308	10.087	ng	98
92) Benzo(g,h,i)perylene	17.521	276	97640	10.016	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

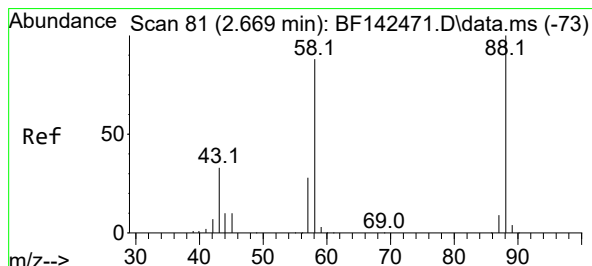
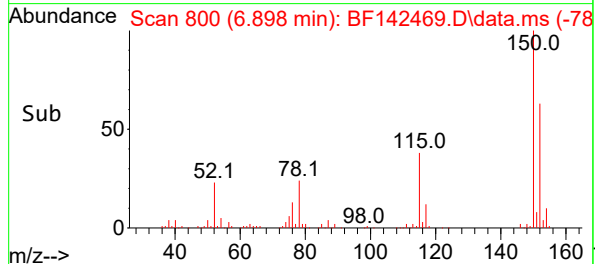
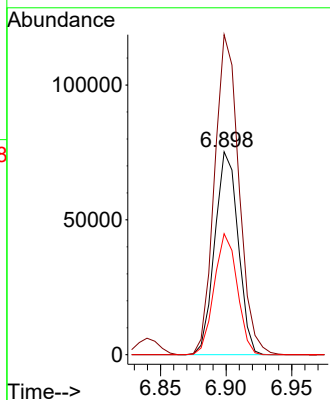
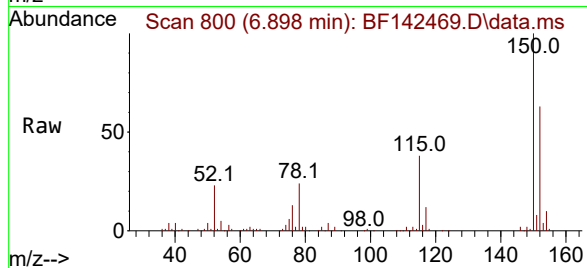
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

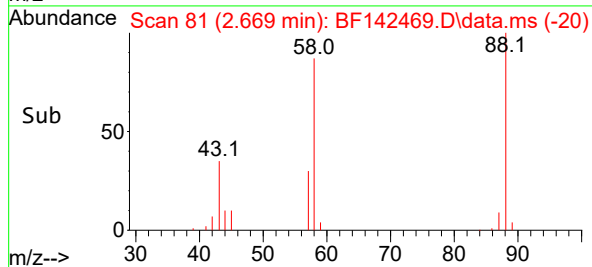
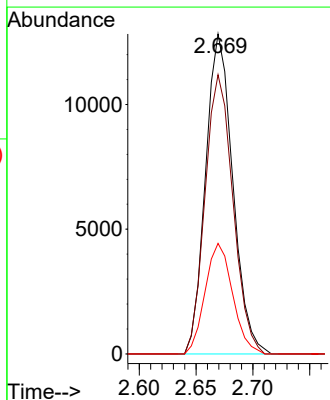
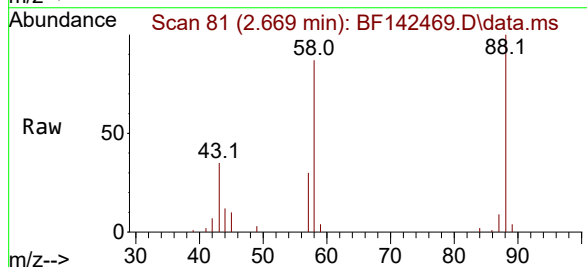
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

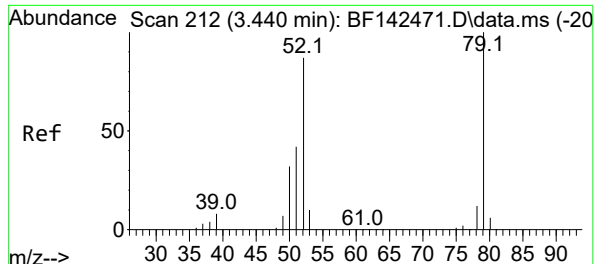
Tgt Ion:152 Resp: 93167
Ion Ratio Lower Upper
152 100
150 157.7 128.2 192.4
115 59.6 48.3 72.5



#2
1,4-Dioxane
Concen: 9.676 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 88 Resp: 21412
Ion Ratio Lower Upper
88 100
58 89.3 70.8 106.2
43 34.8 26.6 40.0





#3

Pyridine

Concen: 9.509 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

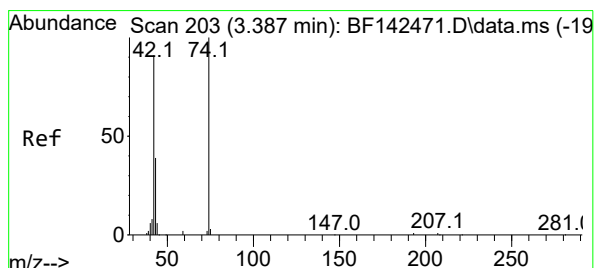
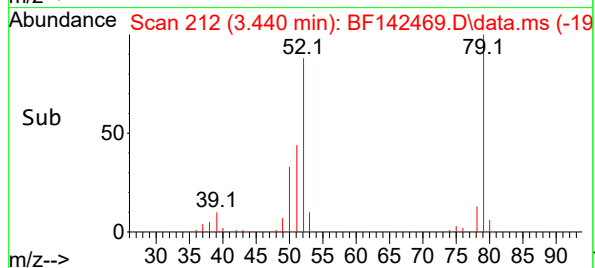
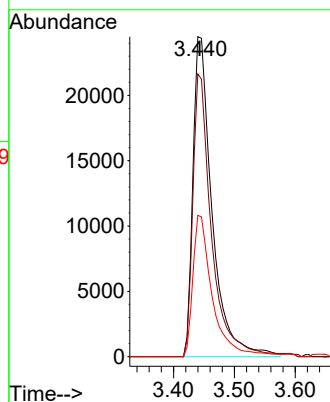
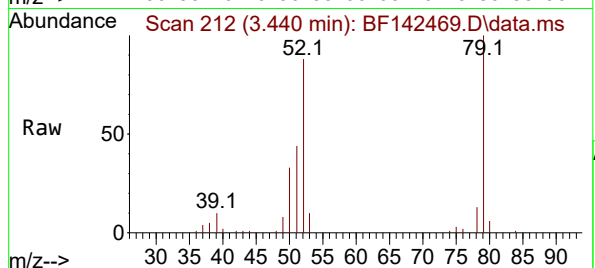
Tgt Ion: 79 Resp: 53586

Ion Ratio Lower Upper

79 100

52 88.4 69.2 103.8

51 44.2 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 9.441 ng

RT: 3.369 min Scan# 200

Delta R.T. -0.035 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

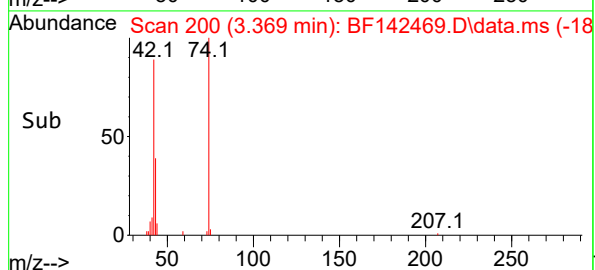
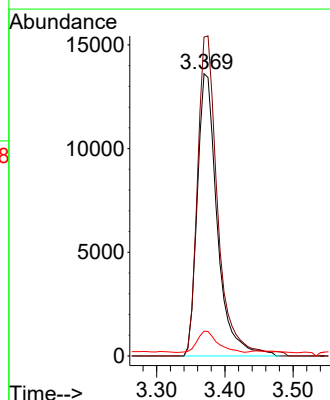
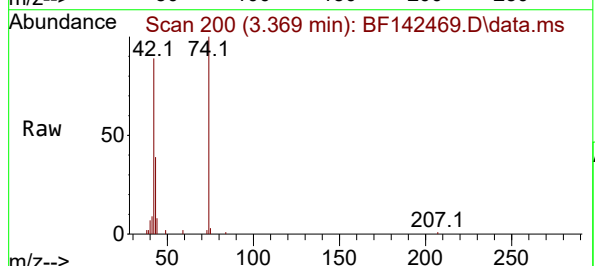
Tgt Ion: 42 Resp: 27624

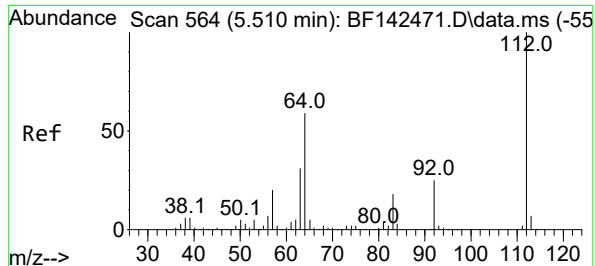
Ion Ratio Lower Upper

42 100

74 113.0 88.2 132.4

44 8.8 5.4 8.2#

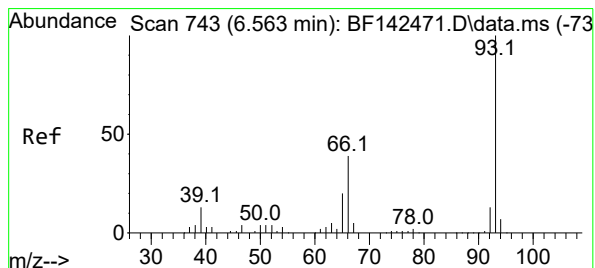
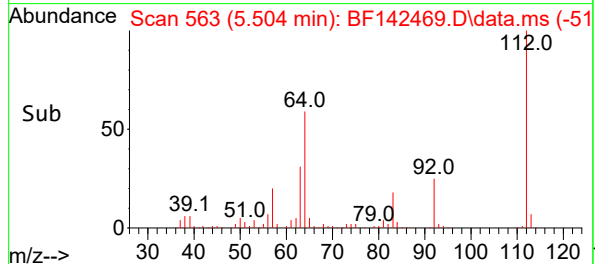
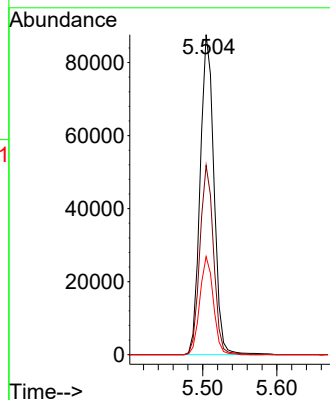
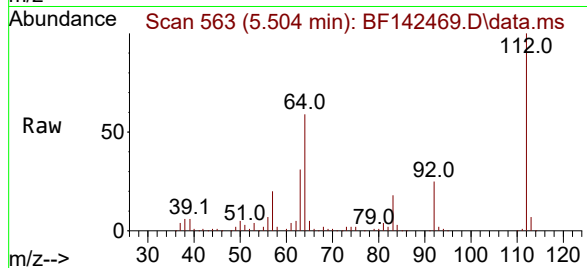




#5
2-Fluorophenol
Concen: 20.452 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

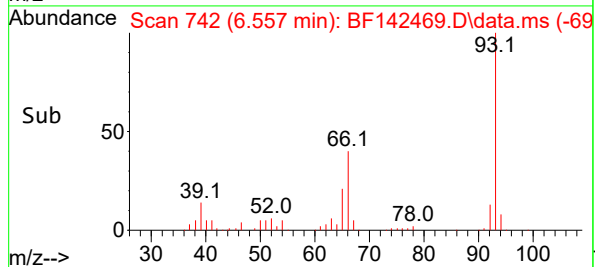
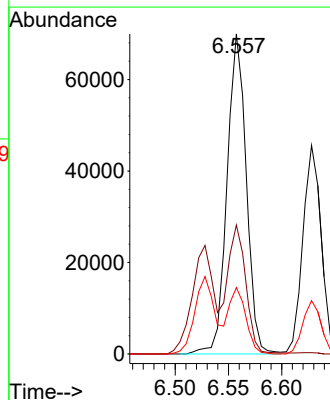
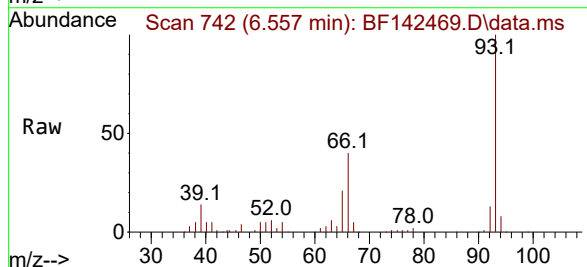
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

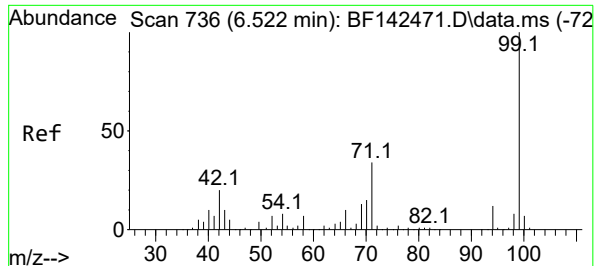
Tgt Ion:112 Resp: 113098
Ion Ratio Lower Upper
112 100
64 59.1 47.5 71.3
63 30.7 24.9 37.3



#6
Aniline
Concen: 9.831 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 93 Resp: 87993
Ion Ratio Lower Upper
93 100
66 40.3 32.0 48.0
65 20.8 16.1 24.1





#7

Phenol-d6

Concen: 20.273 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

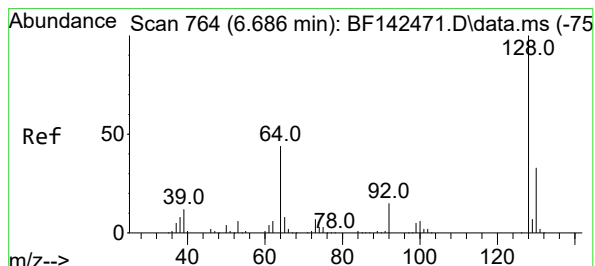
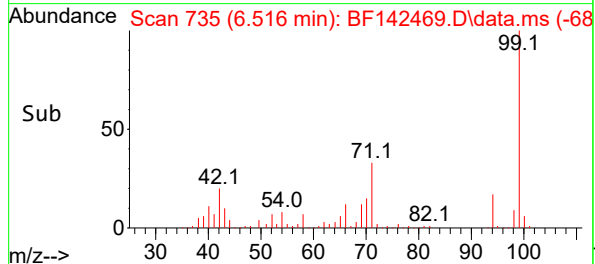
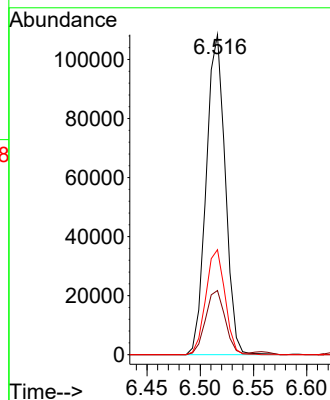
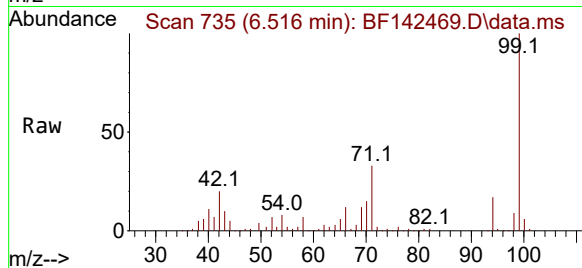
Tgt Ion: 99 Resp: 134953

Ion Ratio Lower Upper

99 100

42 20.0 16.2 24.2

71 32.8 27.3 40.9



#8

2-Chlorophenol

Concen: 9.997 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

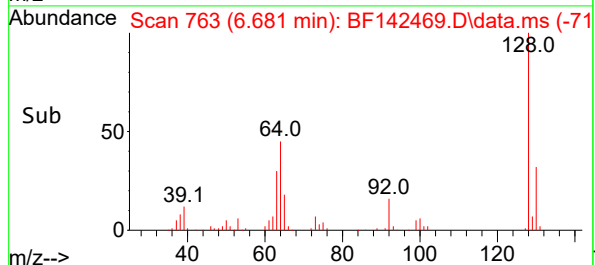
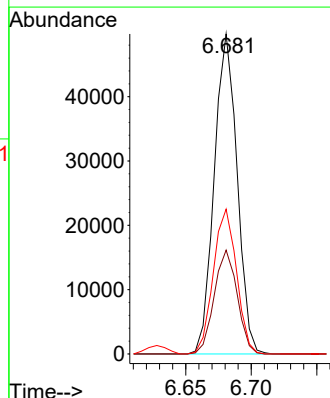
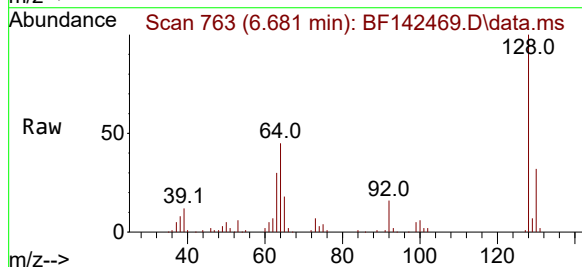
Tgt Ion: 128 Resp: 60216

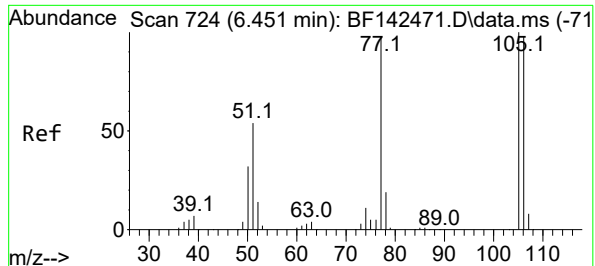
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 45.3 25.1 65.1





#9

Benzaldehyde

Concen: 11.347 ng

RT: 6.446 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

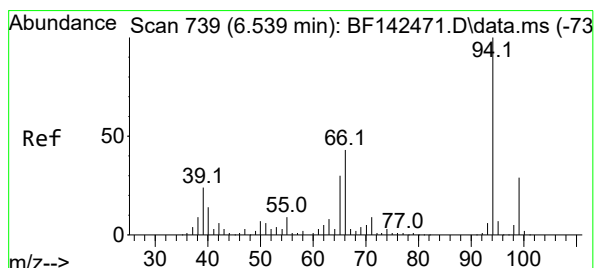
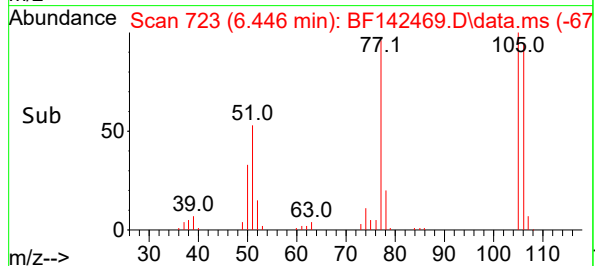
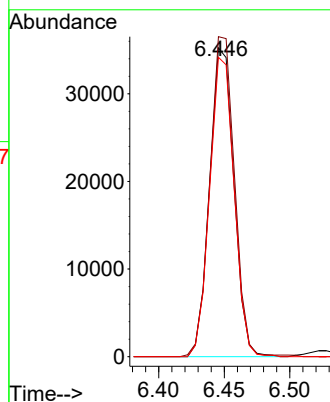
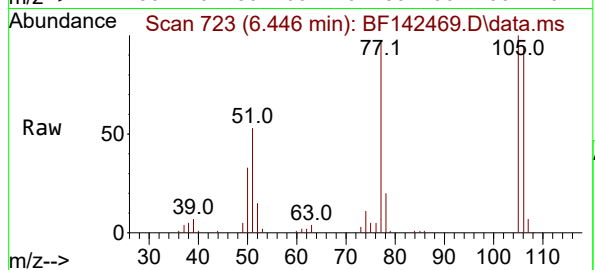
Tgt Ion: 77 Resp: 45431

Ion Ratio Lower Upper

77 100

105 103.6 82.5 122.5

106 97.0 80.0 120.0



#10

Phenol

Concen: 10.083 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.023 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

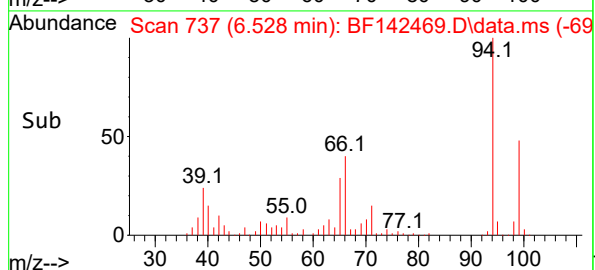
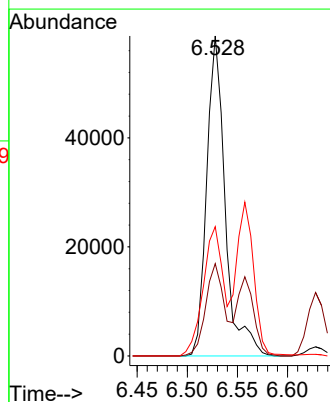
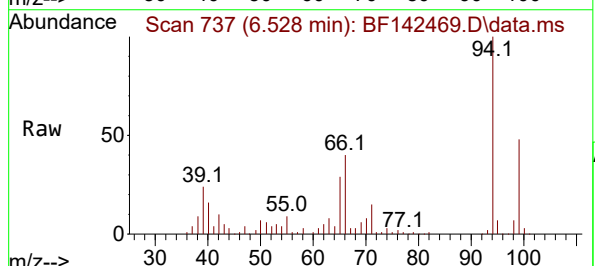
Tgt Ion: 94 Resp: 75527

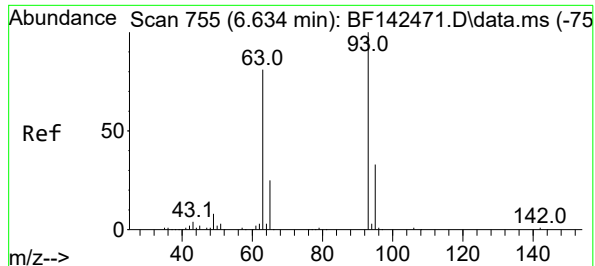
Ion Ratio Lower Upper

94 100

65 28.8 10.3 50.3

66 40.4 22.6 62.6

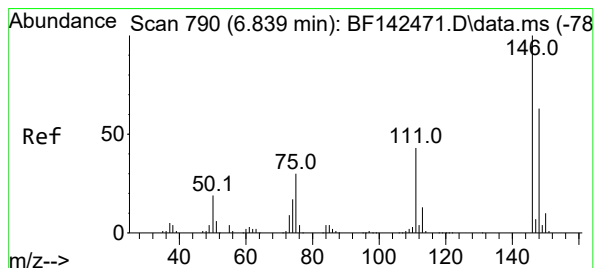
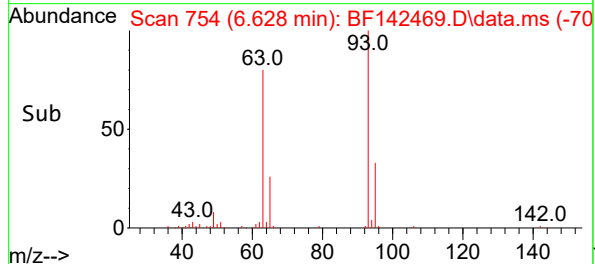
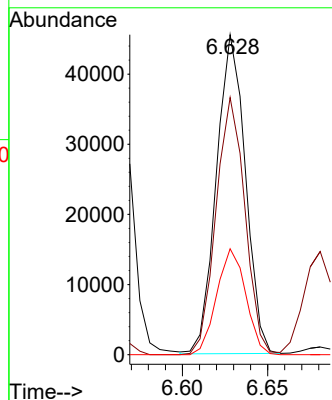
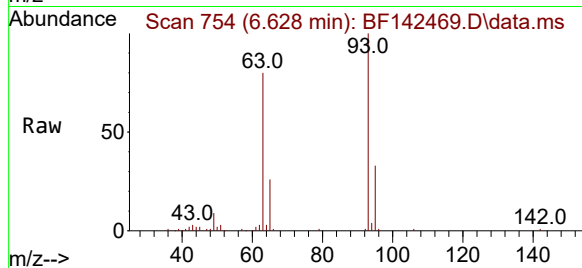




#11
bis(2-Chloroethyl)ether
Concen: 9.978 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

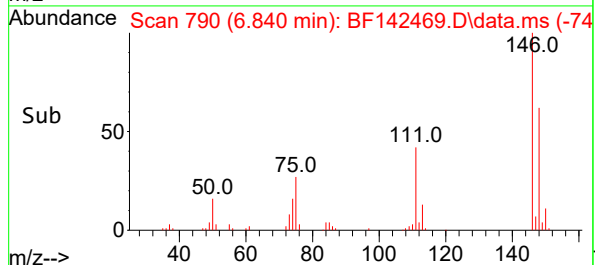
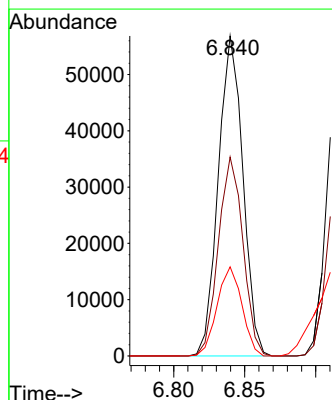
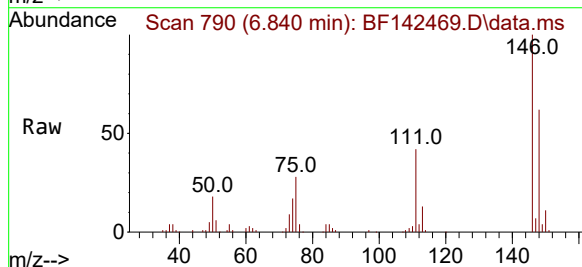
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

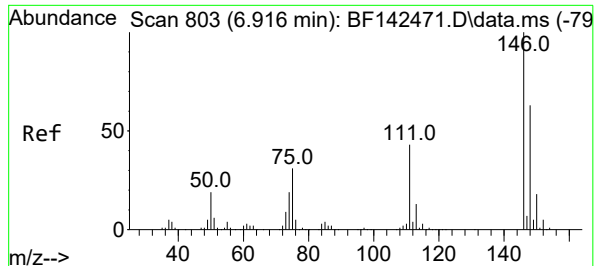
Tgt Ion: 93 Resp: 53797
Ion Ratio Lower Upper
93 100
63 80.3 60.2 100.2
95 33.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 10.189 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 146 Resp: 68483
Ion Ratio Lower Upper
146 100
148 62.2 50.6 75.8
75 27.9 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 10.158 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

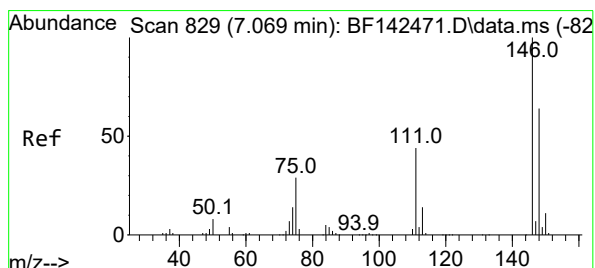
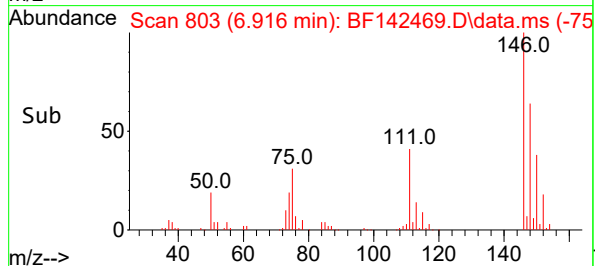
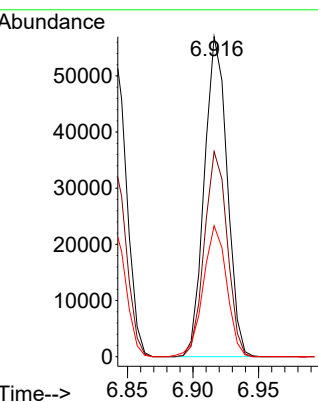
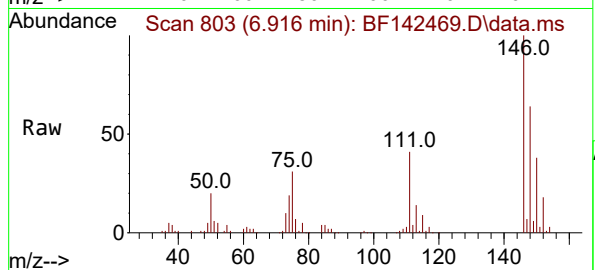
Tgt Ion:146 Resp: 68774

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

111 40.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 10.102 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

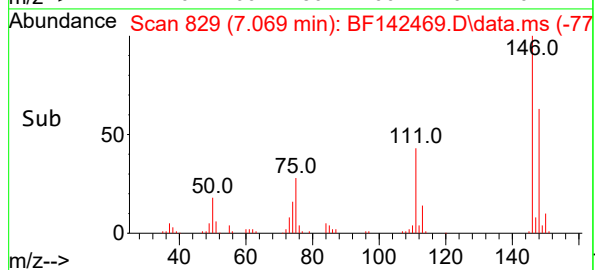
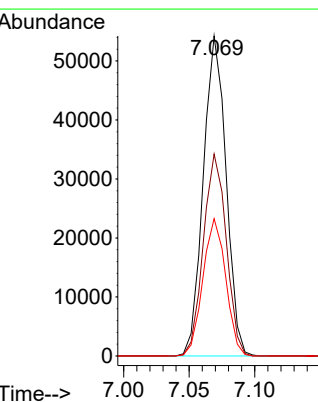
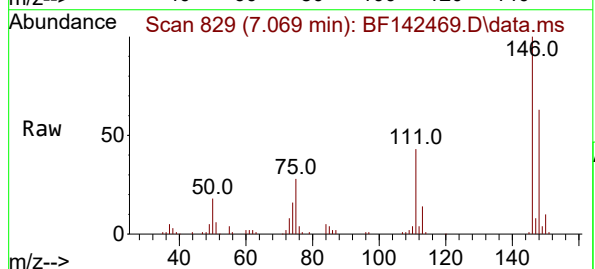
Tgt Ion:146 Resp: 65441

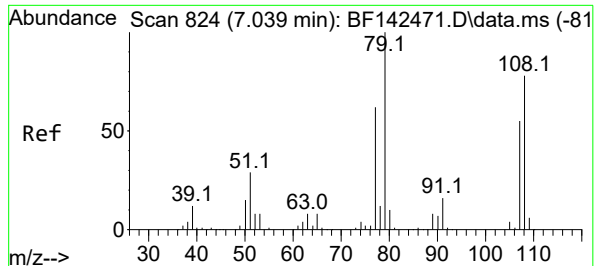
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

111 42.9 35.0 52.6





#15

Benzyl Alcohol

Concen: 9.699 ng

RT: 7.034 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

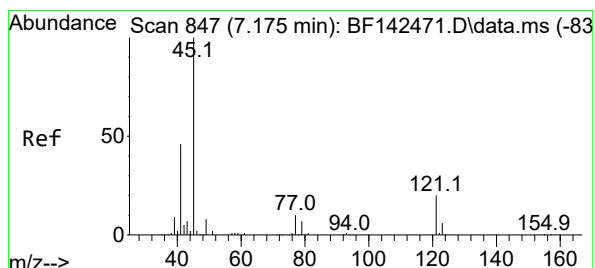
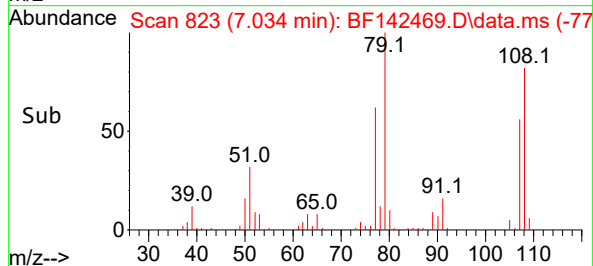
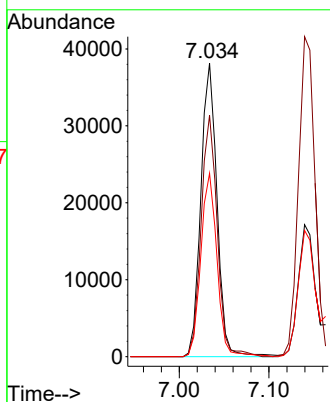
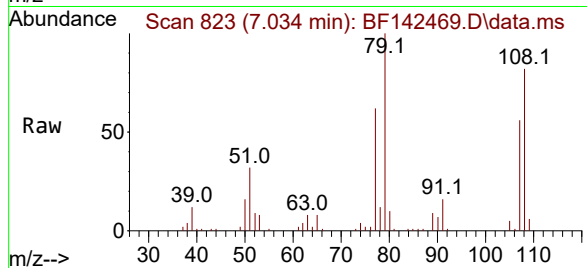
Tgt Ion: 79 Resp: 47712

Ion Ratio Lower Upper

79 100

108 82.2 62.1 93.1

77 62.4 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.175 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

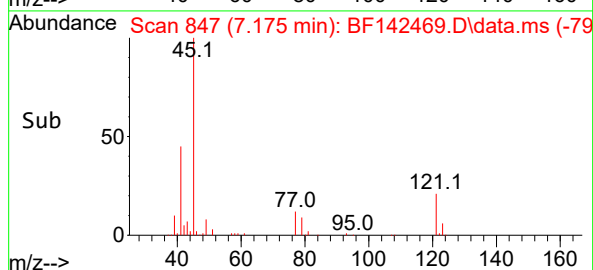
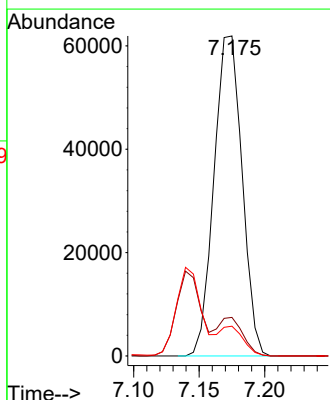
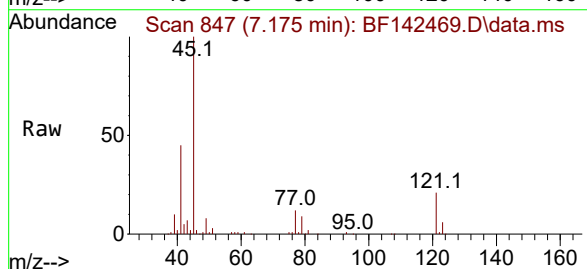
Tgt Ion: 45 Resp: 92128

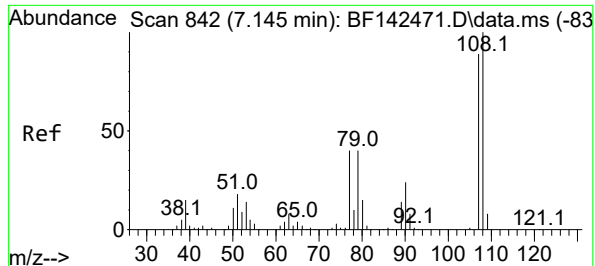
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.0

79 9.3 0.0 29.2

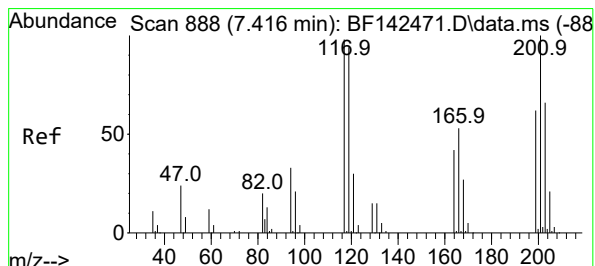
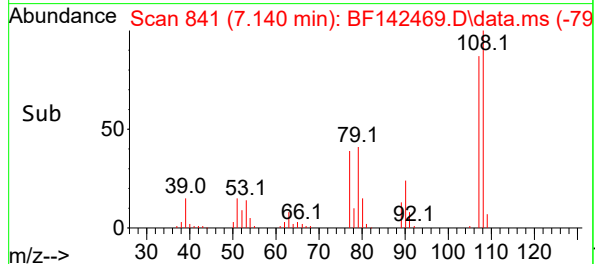
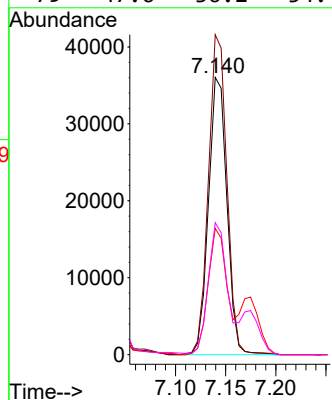
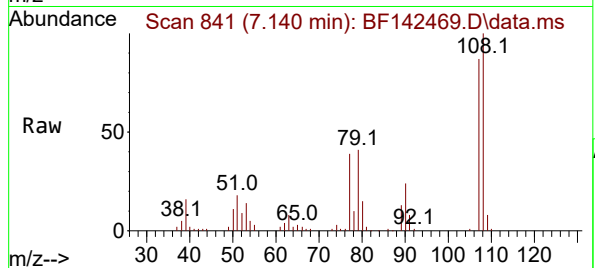




#17
2-Methylphenol
Concen: 9.825 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

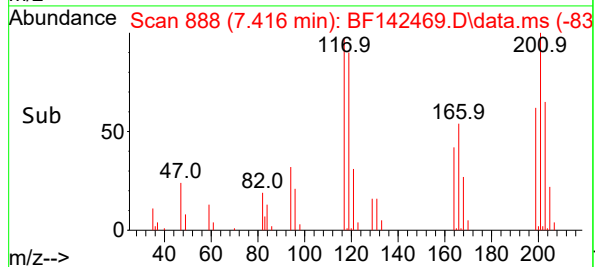
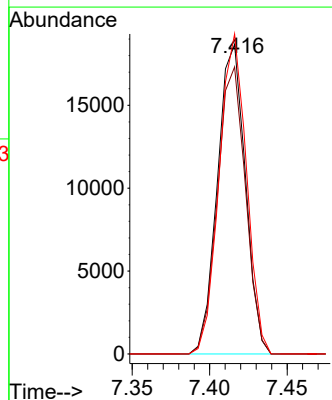
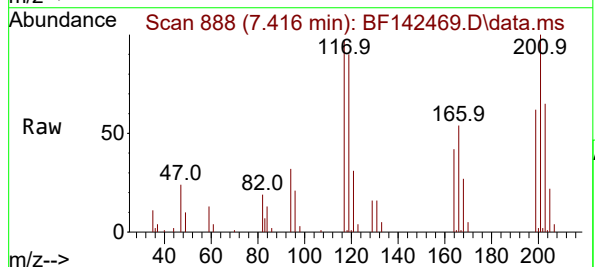
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

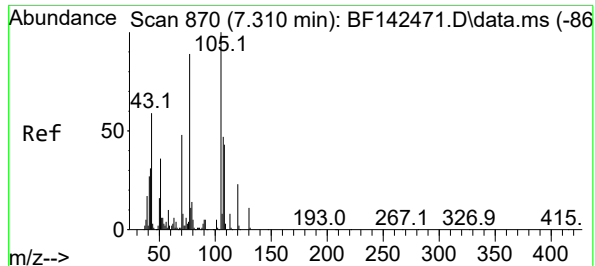
Tgt Ion:107 Resp: 46205
Ion Ratio Lower Upper
107 100
108 115.4 90.2 135.2
77 45.6 36.1 54.1
79 47.6 36.2 54.4



#18
Hexachloroethane
Concen: 9.909 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:117 Resp: 23425
Ion Ratio Lower Upper
117 100
119 92.7 76.6 114.8
201 103.3 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 9.937 ng

RT: 7.298 min Scan# 8

Delta R.T. -0.029 min

Lab File: BF142469.D

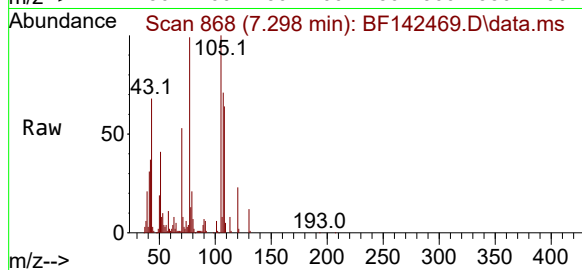
Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 40995

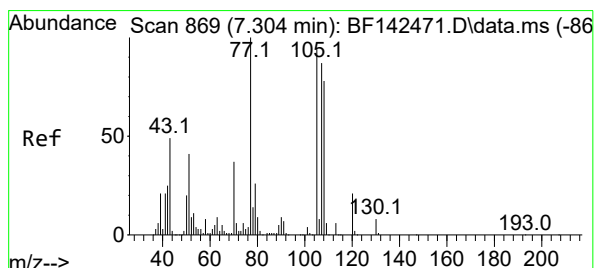
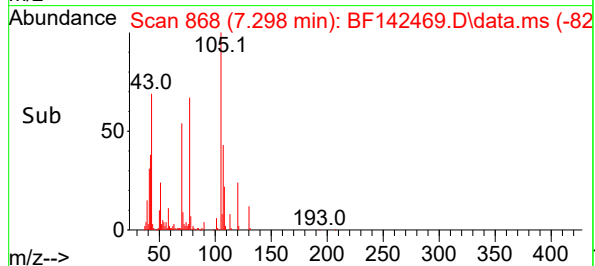
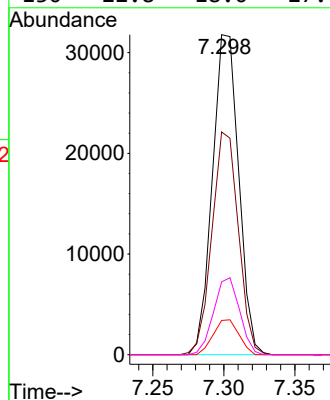
Ion Ratio Lower Upper

70 100

42 69.6 52.4 78.6

101 10.7 7.8 11.8

130 22.8 18.0 27.0



#20

3+4-Methylphenols

Concen: 10.203 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Tgt Ion: 107 Resp: 61444

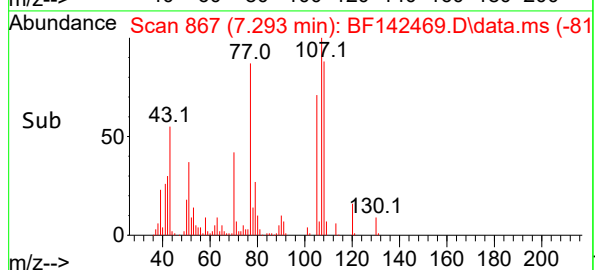
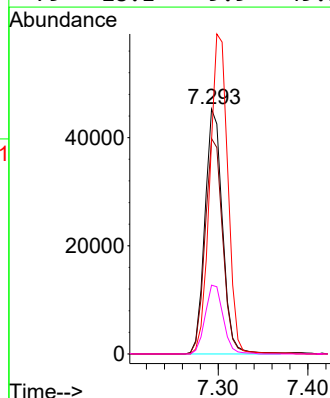
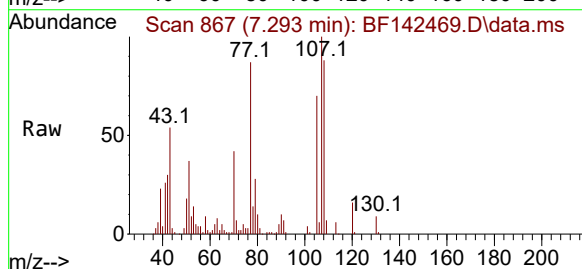
Ion Ratio Lower Upper

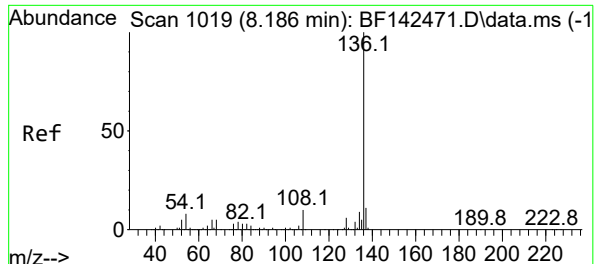
107 100

108 87.9 70.4 110.4

77 87.2 95.4 135.4#

79 28.1 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 365488

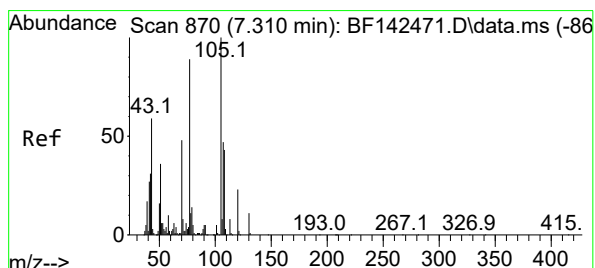
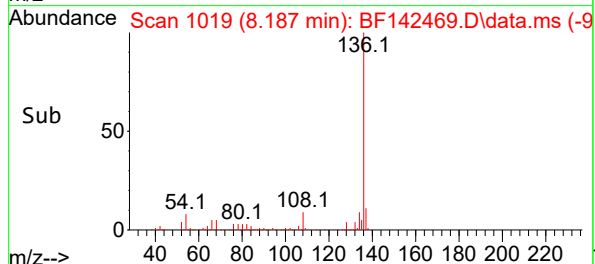
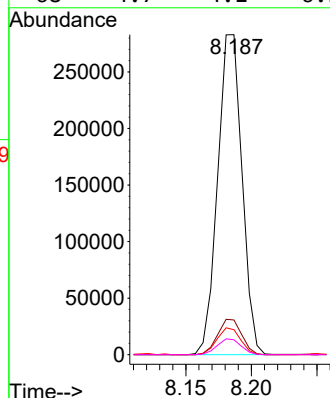
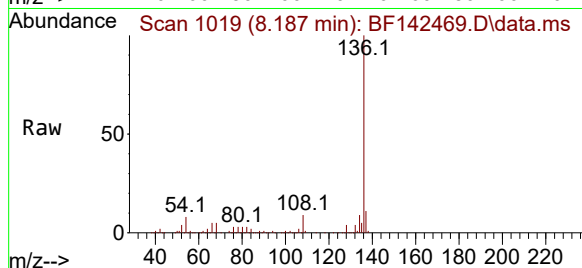
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.8 6.6 10.0

68 4.7 4.1 6.1



#22

Acetophenone

Concen: 10.234 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Tgt Ion:105 Resp: 82804

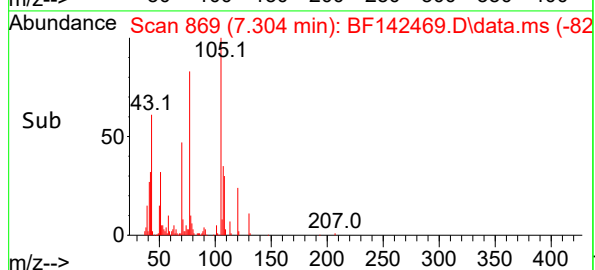
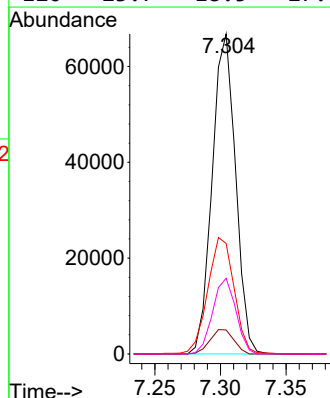
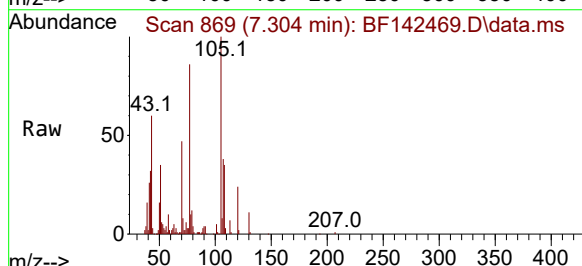
Ion Ratio Lower Upper

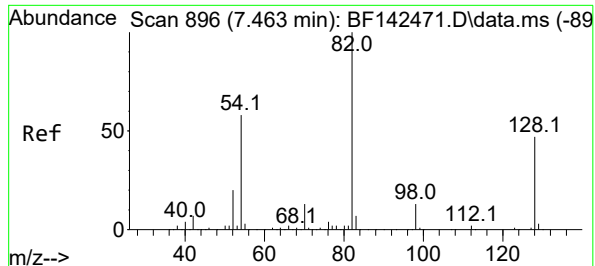
105 100

71 7.5 6.4 9.6

51 34.5 28.6 42.8

120 23.7 18.5 27.7





#23

Nitrobenzene-d5

Concen: 19.881 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

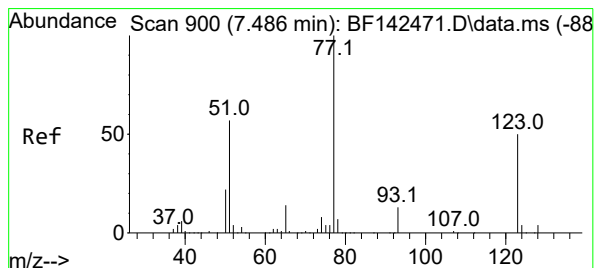
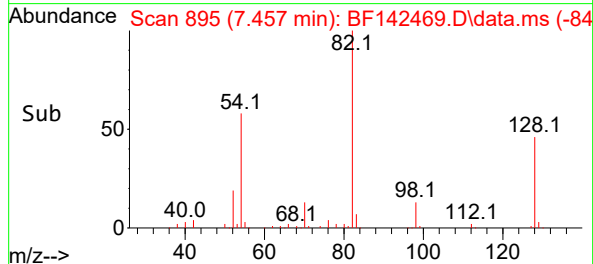
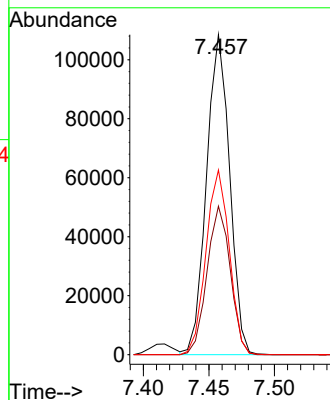
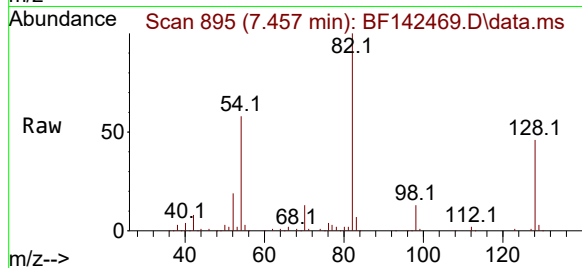
Tgt Ion: 82 Resp: 133256

Ion Ratio Lower Upper

82 100

128 46.4 37.4 56.2

54 57.7 46.6 70.0



#24

Nitrobenzene

Concen: 9.904 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

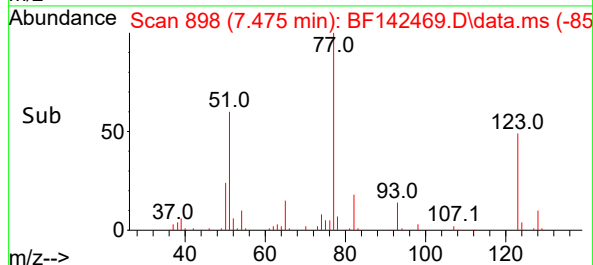
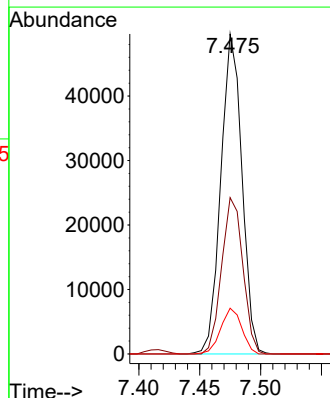
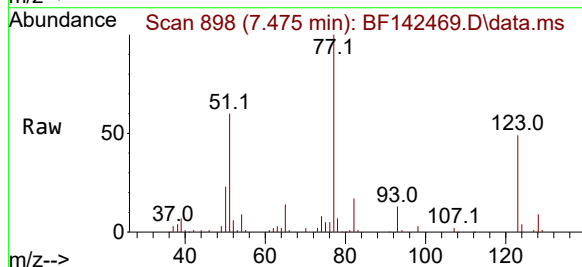
Tgt Ion: 77 Resp: 59873

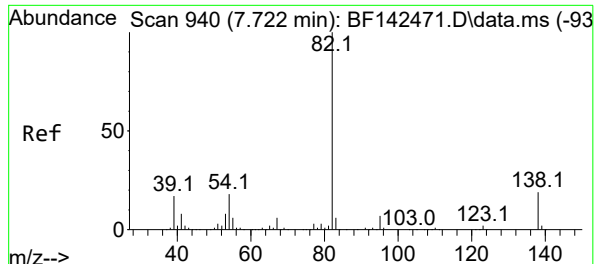
Ion Ratio Lower Upper

77 100

123 48.8 40.6 61.0

65 14.3 11.4 17.2





#25

Isophorone

Concen: 10.027 ng

RT: 7.716 min Scan# 91

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

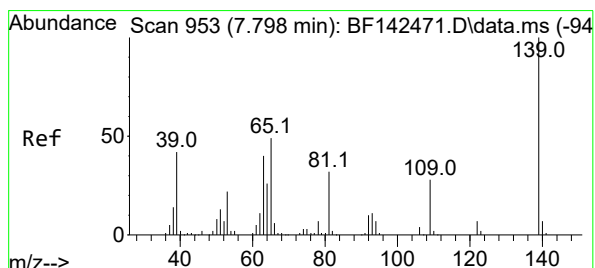
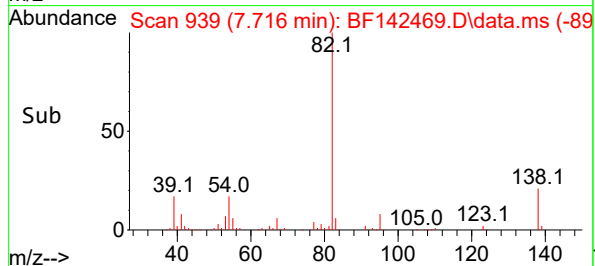
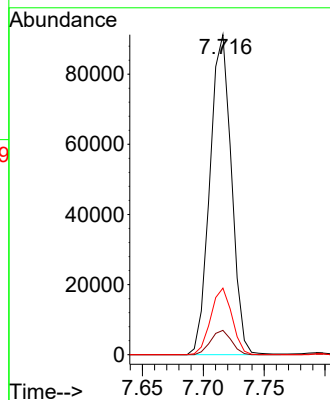
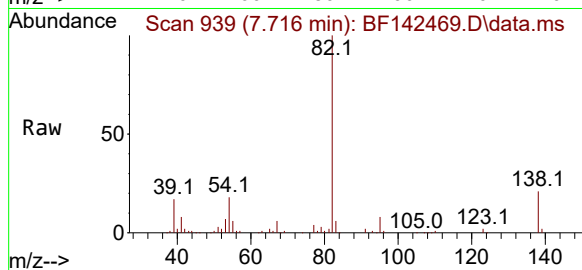
Tgt Ion: 82 Resp: 112365

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 20.8 15.5 23.3



#26

2-Nitrophenol

Concen: 9.623 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

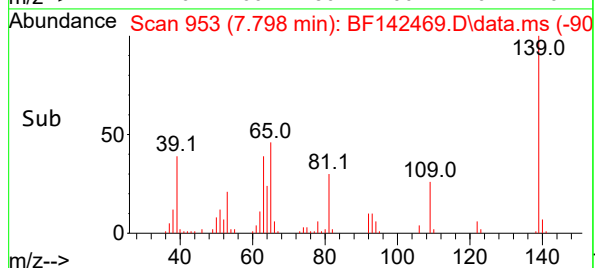
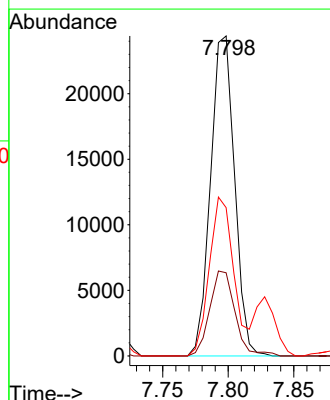
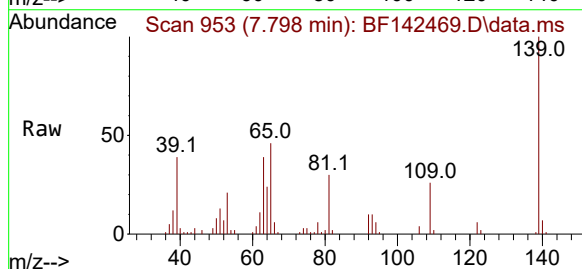
Tgt Ion:139 Resp: 31085

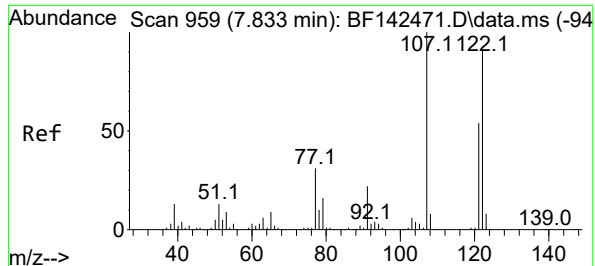
Ion Ratio Lower Upper

139 100

109 26.0 22.6 33.8

65 46.4 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 10.102 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

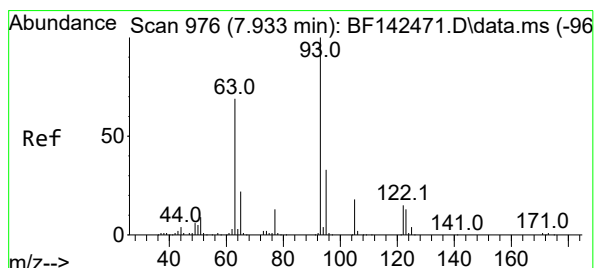
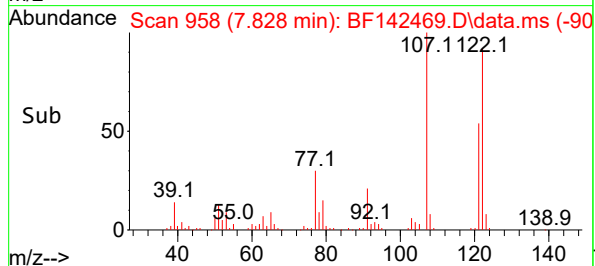
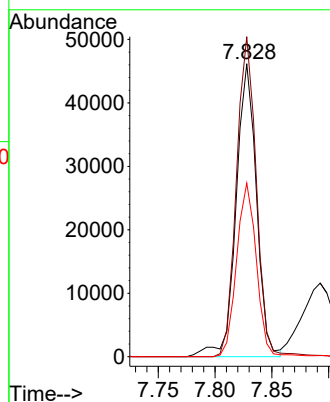
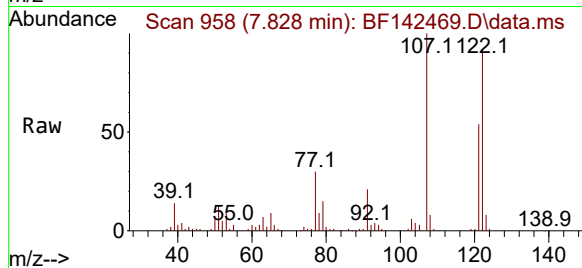
Tgt Ion:122 Resp: 57543

Ion Ratio Lower Upper

122 100

107 109.2 88.1 132.1

121 59.3 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 10.277 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

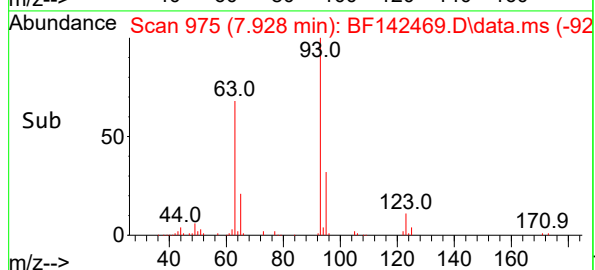
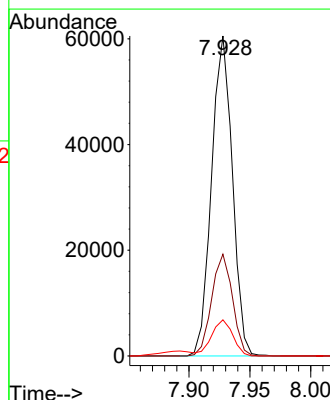
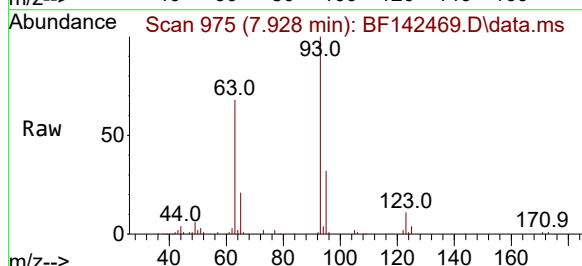
Tgt Ion: 93 Resp: 71943

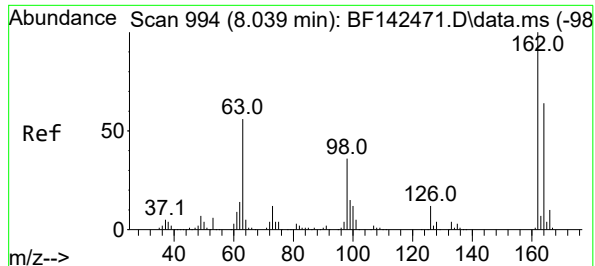
Ion Ratio Lower Upper

93 100

95 31.8 26.4 39.6

123 11.3 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 9.941 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

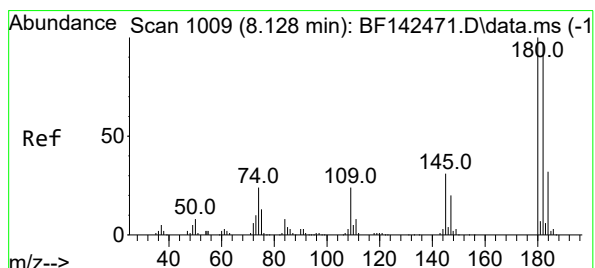
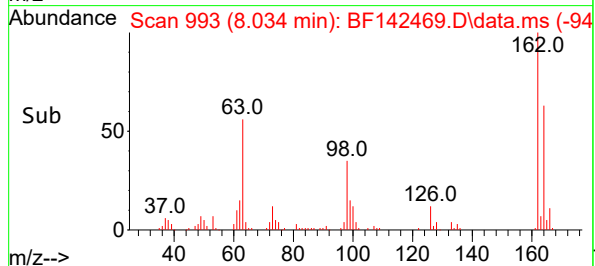
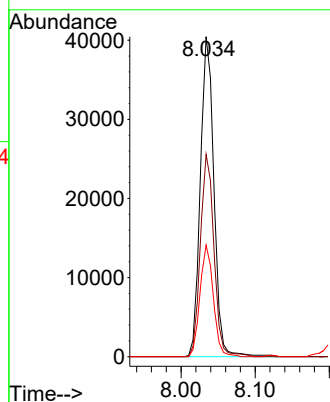
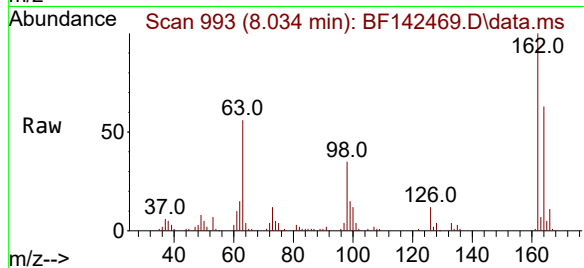
Tgt Ion:162 Resp: 51500

Ion Ratio Lower Upper

162 100

164 63.2 43.7 83.7

98 34.8 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 10.179 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

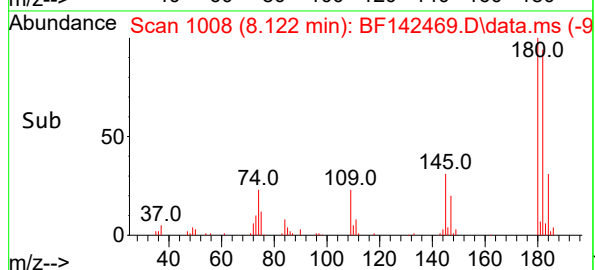
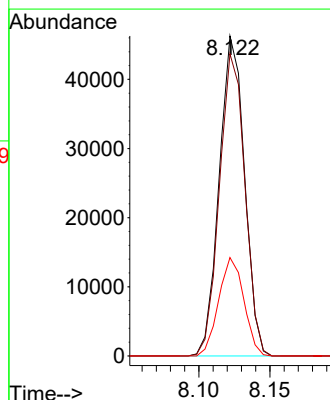
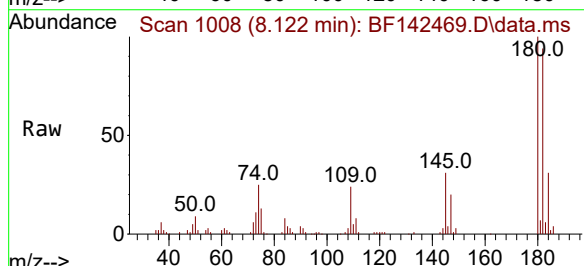
Tgt Ion:180 Resp: 57228

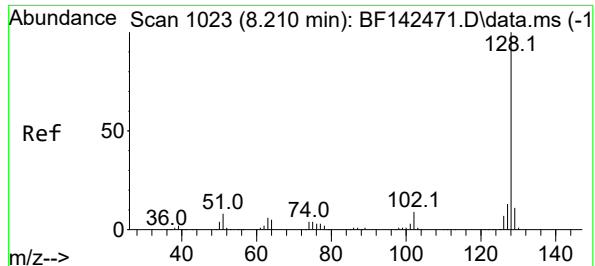
Ion Ratio Lower Upper

180 100

182 94.4 78.0 117.0

145 30.8 25.0 37.6





#31

Naphthalene

Concen: 10.364 ng

RT: 8.204 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

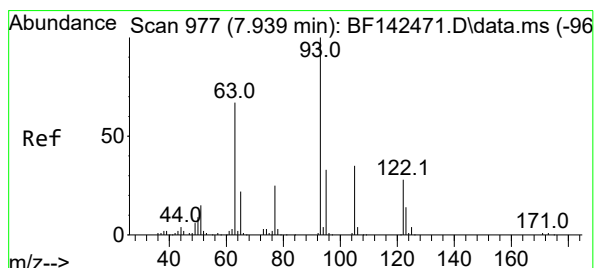
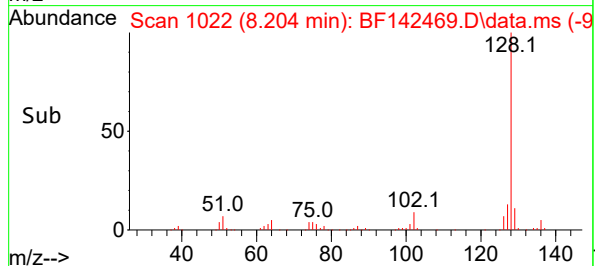
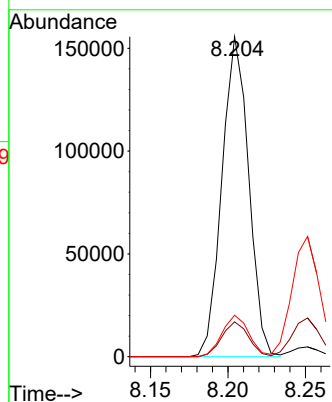
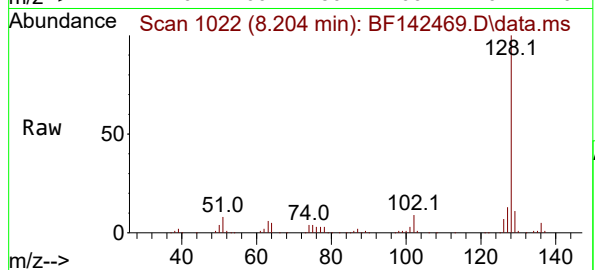
Tgt Ion:128 Resp: 186515

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.0 10.5 15.7



#32

Benzoic acid

Concen: 8.062 ng m

RT: 7.893 min Scan# 969

Delta R.T. -0.082 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

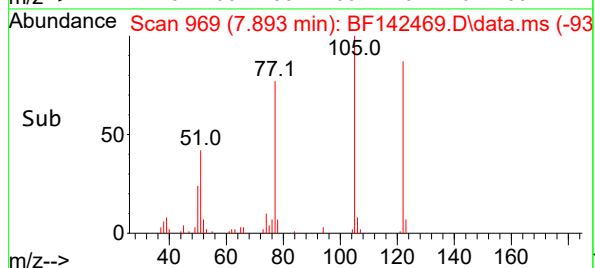
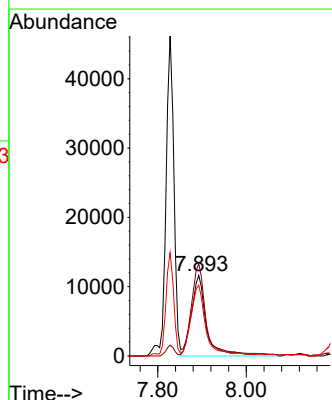
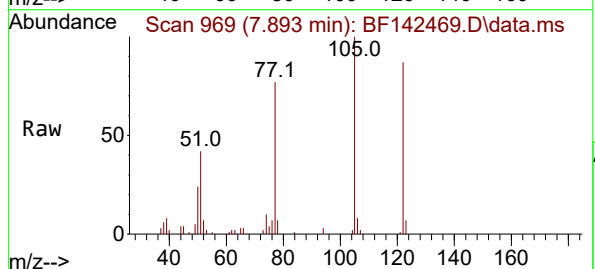
Tgt Ion:122 Resp: 27956

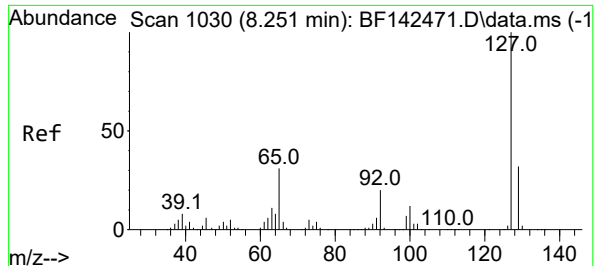
Ion Ratio Lower Upper

122 100

105 114.9 101.7 141.7

77 87.9 69.5 109.5





#33

4-Chloroaniline

Concen: 10.258 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 74805

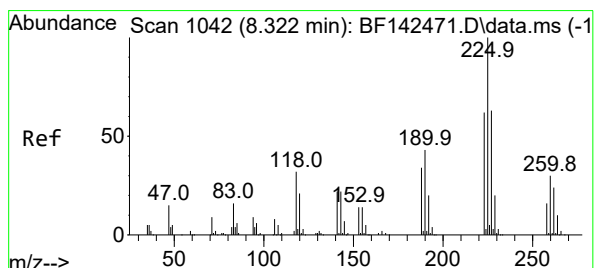
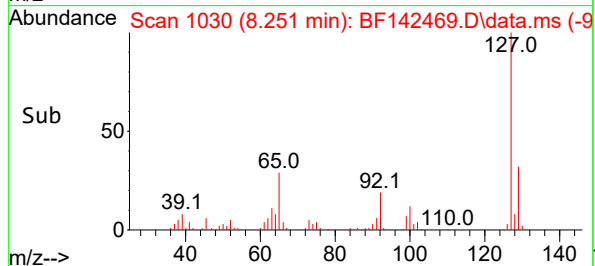
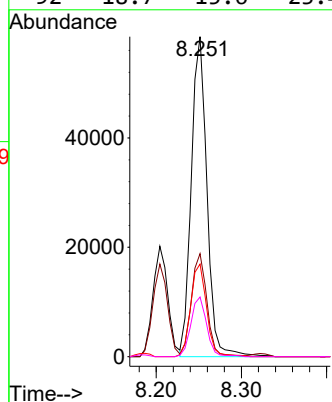
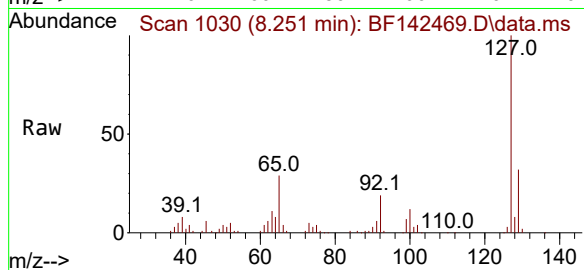
Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

65 29.0 24.9 37.3

92 18.7 15.6 23.4



#34

Hexachlorobutadiene

Concen: 10.016 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

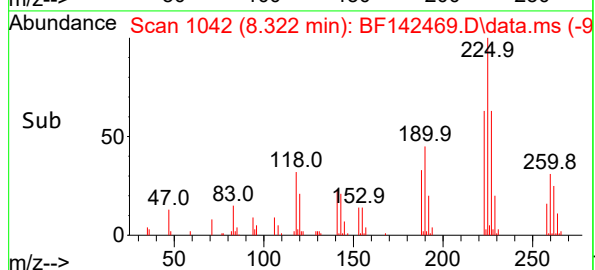
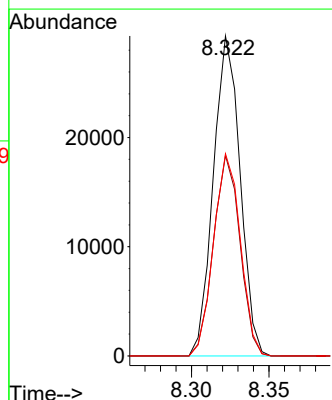
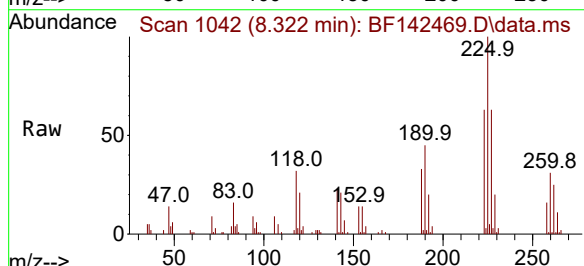
Tgt Ion:225 Resp: 35161

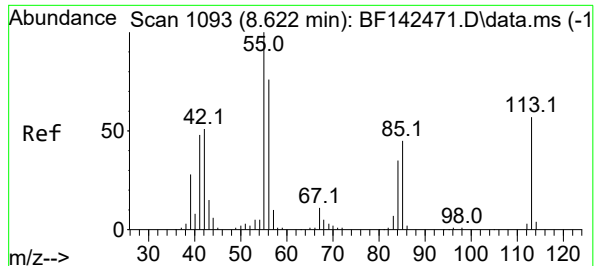
Ion Ratio Lower Upper

225 100

223 62.7 49.7 74.5

227 63.2 50.3 75.5





#35

Caprolactam

Concen: 9.527 ng

RT: 8.587 min Scan# 1087

Delta R.T. -0.059 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

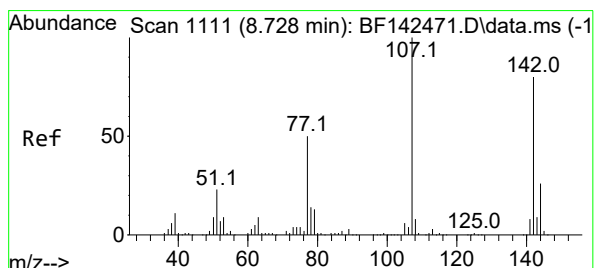
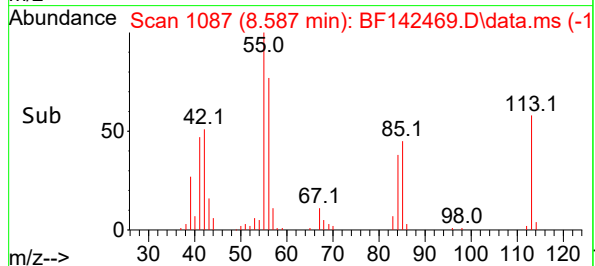
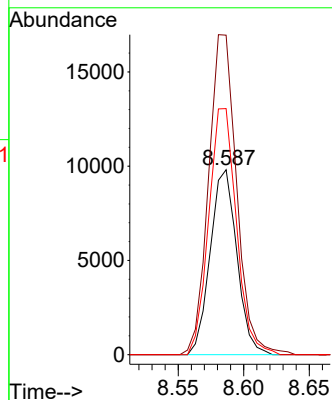
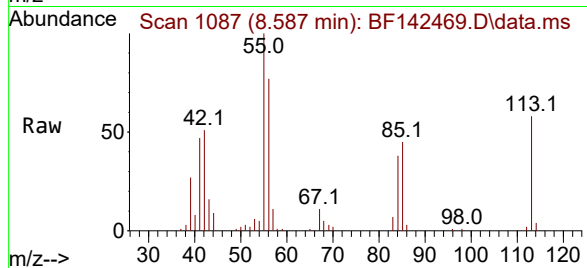
Tgt Ion:113 Resp: 13862

Ion Ratio Lower Upper

113 100

55 172.8 154.7 194.7

56 133.0 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 9.968 ng

RT: 8.722 min Scan# 1110

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

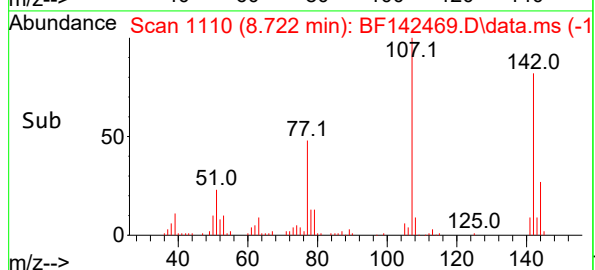
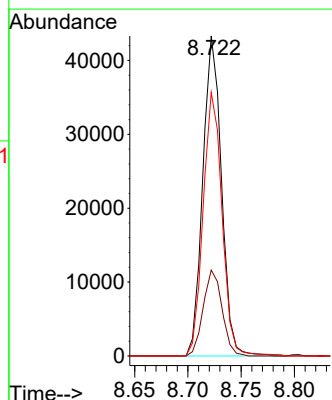
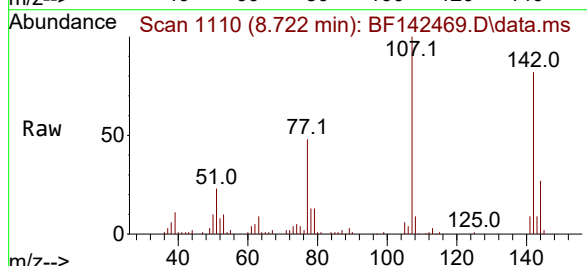
Tgt Ion:107 Resp: 52919

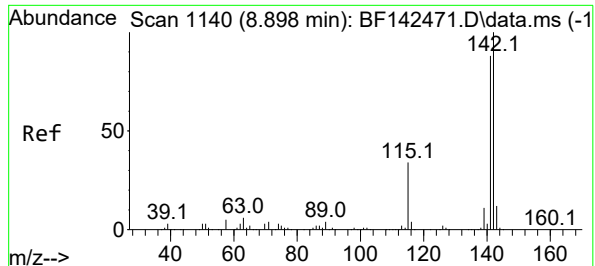
Ion Ratio Lower Upper

107 100

144 26.9 20.9 31.3

142 82.4 64.2 96.2

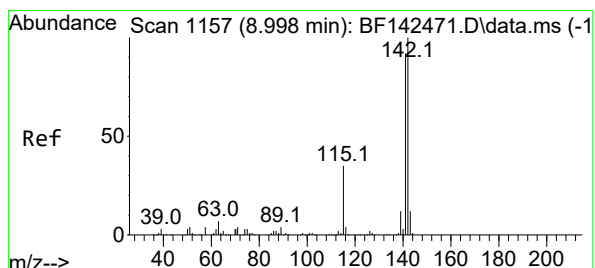
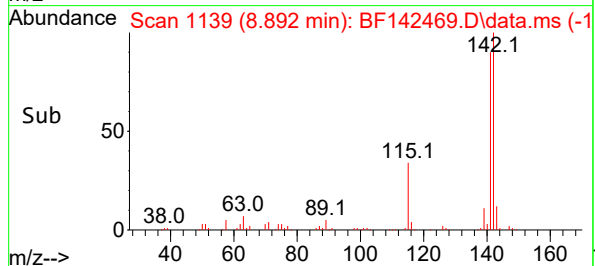
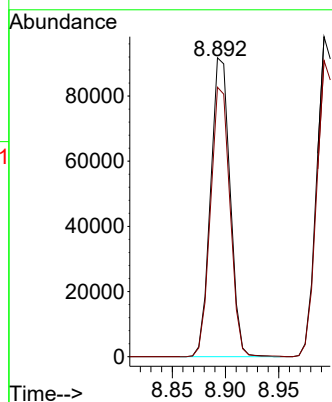
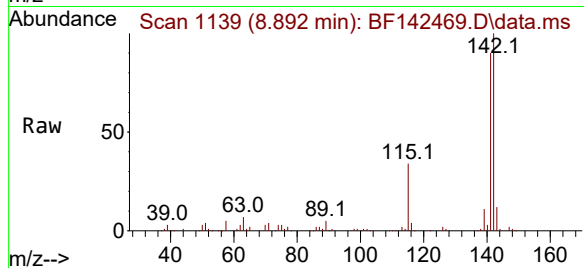




#37
2-Methylnaphthalene
Concen: 10.298 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

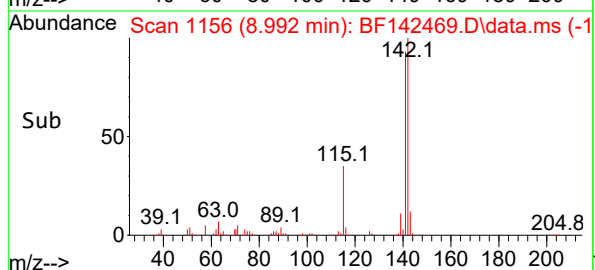
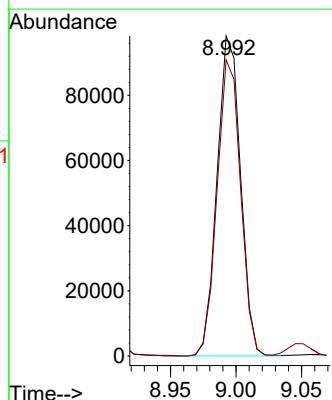
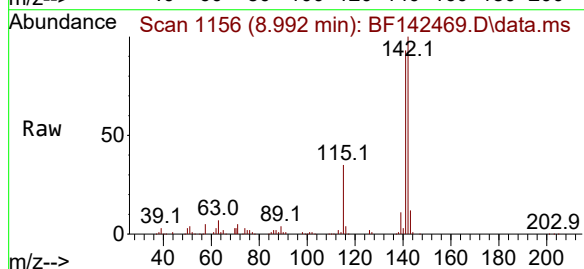
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

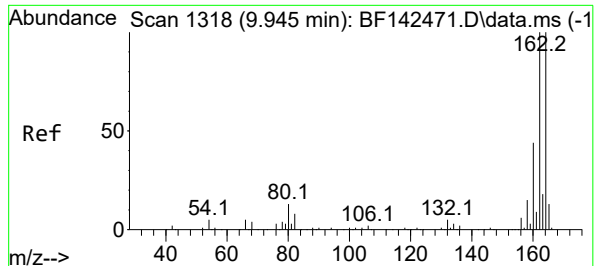
Tgt Ion:142 Resp: 116592
Ion Ratio Lower Upper
142 100
141 90.2 70.7 106.1



#38
1-Methylnaphthalene
Concen: 10.429 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:142 Resp: 122130
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142469.D

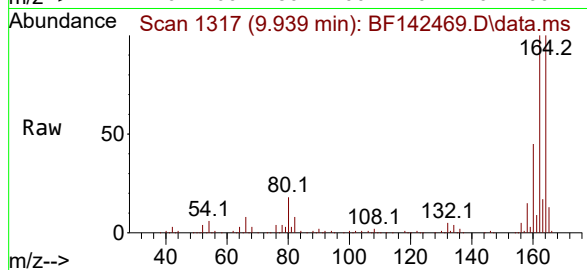
Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



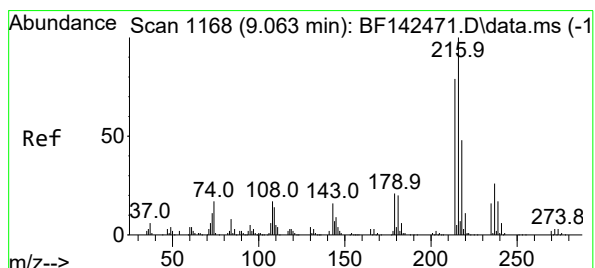
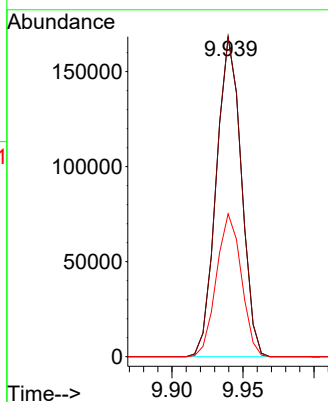
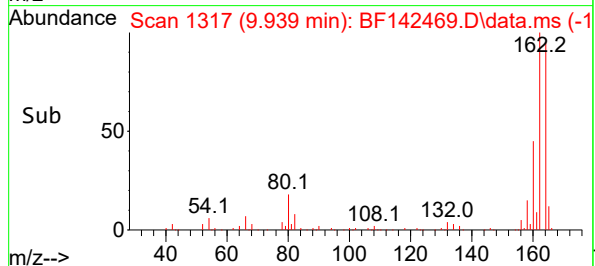
Tgt Ion:164 Resp: 205654

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.4

160 44.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

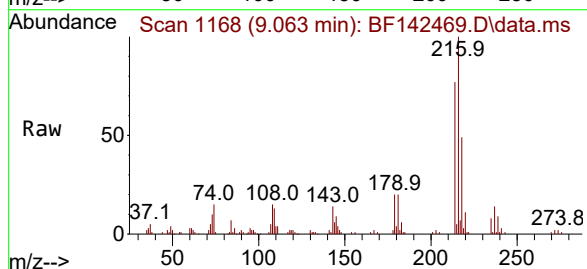
Concen: 10.097 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07



Tgt Ion:216 Resp: 59609

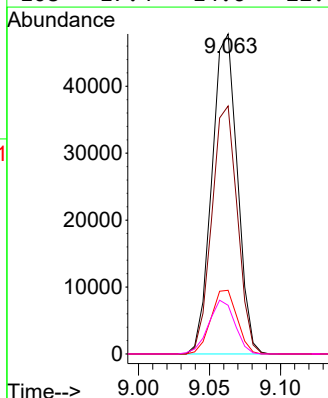
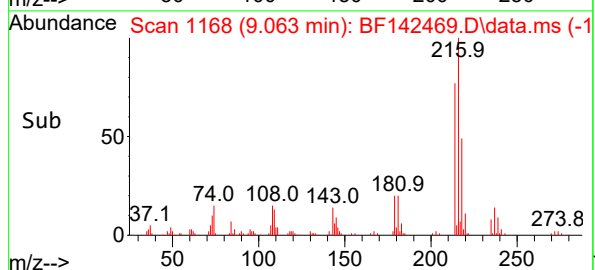
Ion Ratio Lower Upper

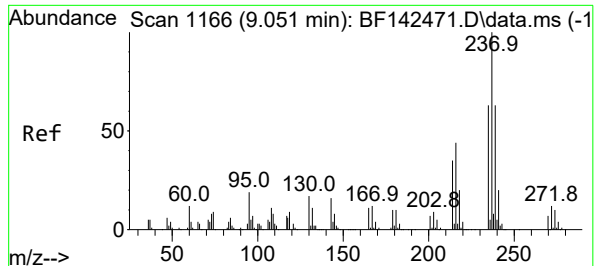
216 100

214 77.8 62.9 94.3

179 20.4 16.9 25.3

108 17.4 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 9.044 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

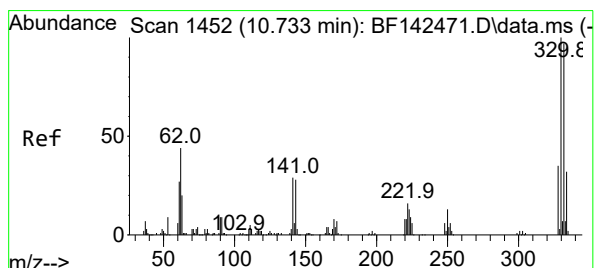
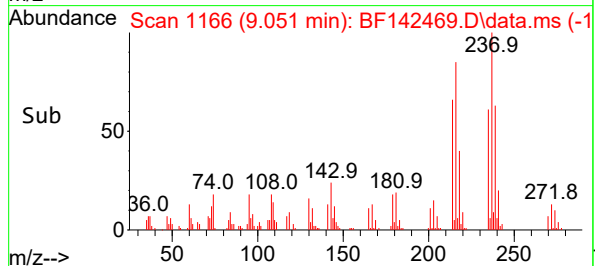
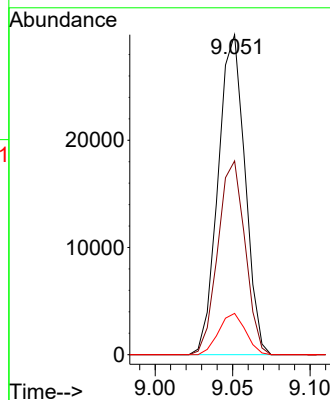
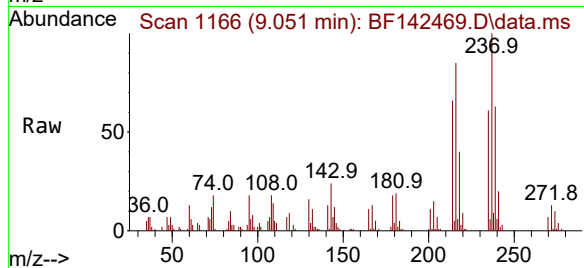
Tgt Ion:237 Resp: 36016

Ion Ratio Lower Upper

237 100

235 60.5 43.3 83.3

272 12.9 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 20.276 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

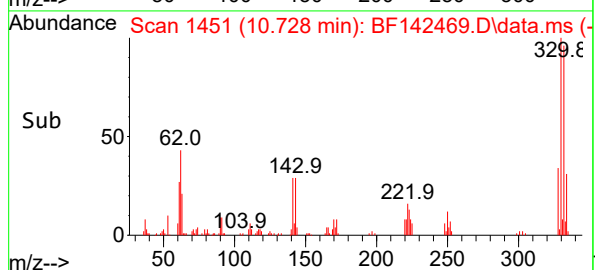
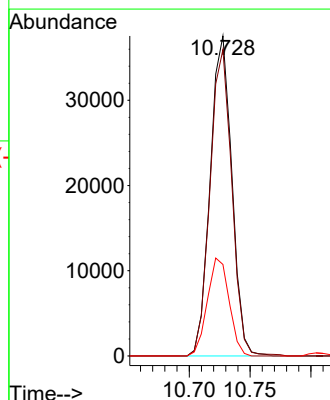
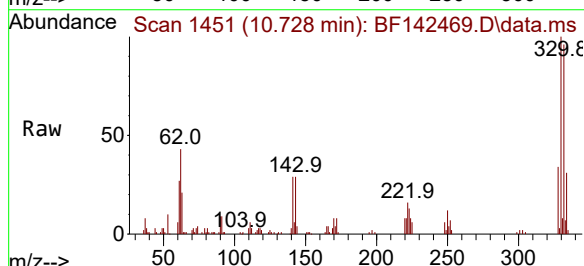
Tgt Ion:330 Resp: 46280

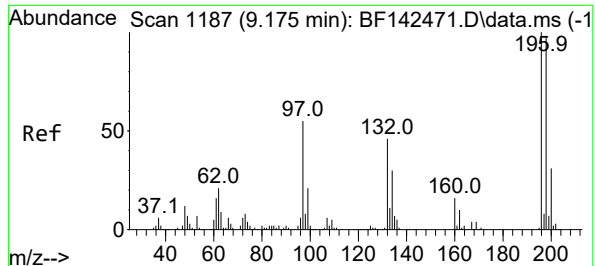
Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 30.8 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 9.635 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142469.D

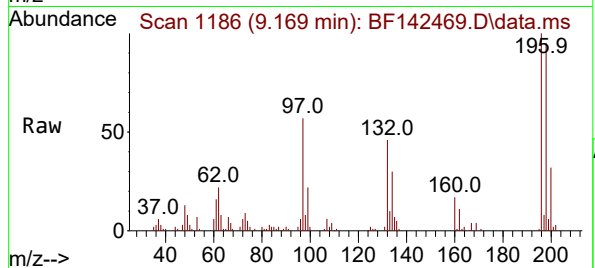
Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



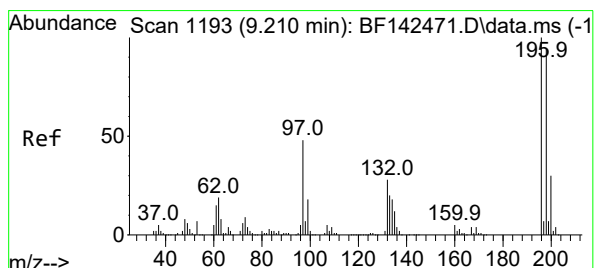
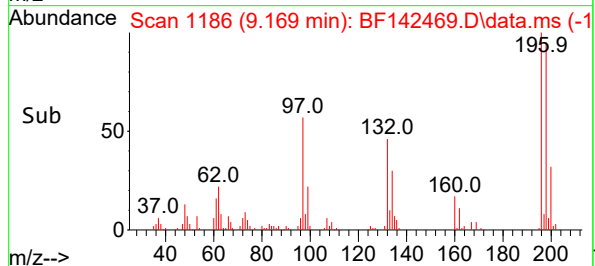
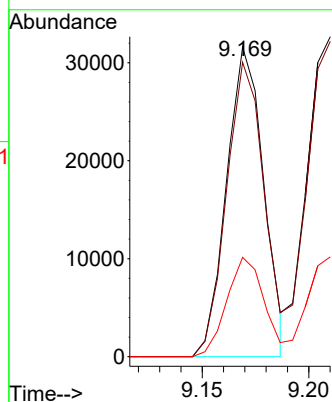
Tgt Ion:196 Resp: 38354

Ion Ratio Lower Upper

196 100

198 95.1 78.8 118.2

200 32.1 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 10.069 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Tgt Ion:196 Resp: 42272

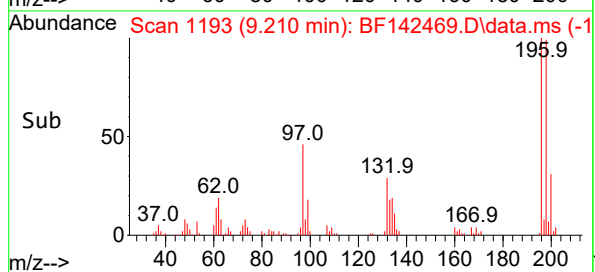
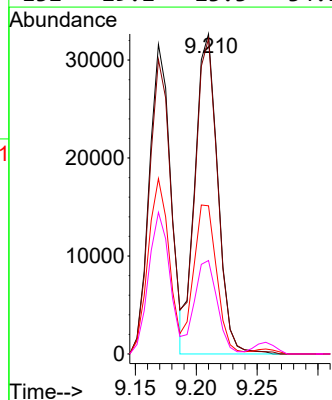
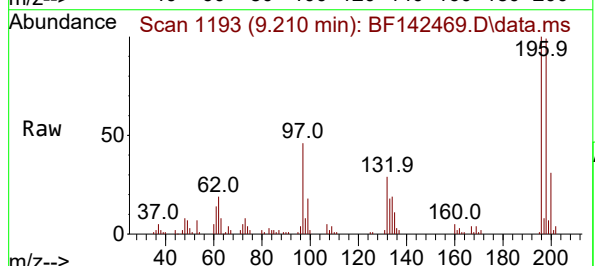
Ion Ratio Lower Upper

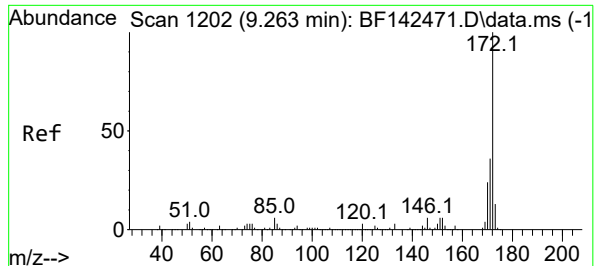
196 100

198 98.5 75.5 113.3

97 46.3 39.3 58.9

132 29.2 23.3 34.9

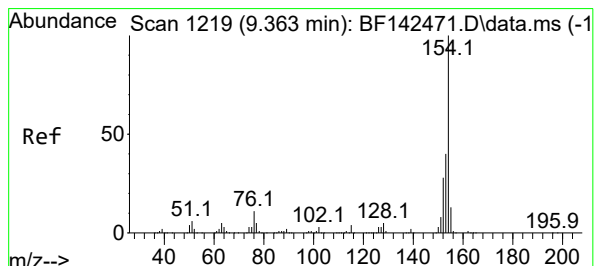
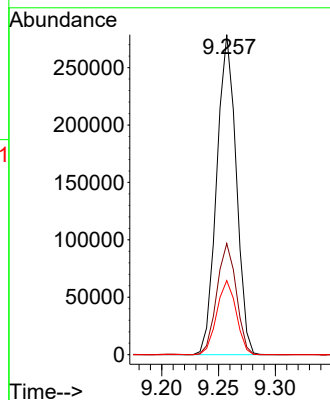
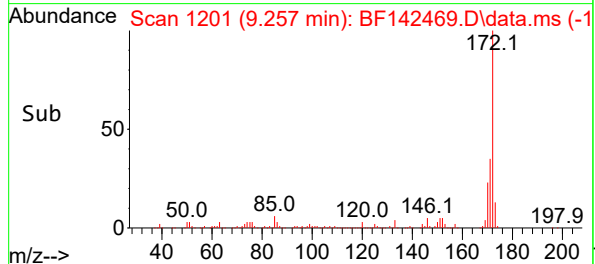
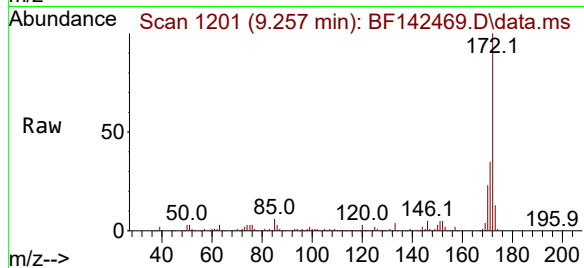




#45
2-Fluorobiphenyl
Concen: 21.719 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

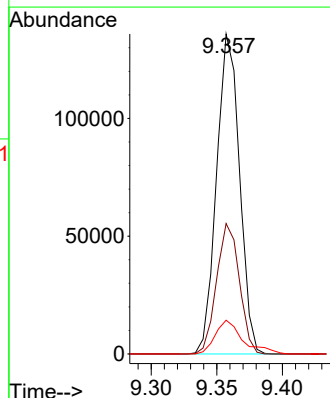
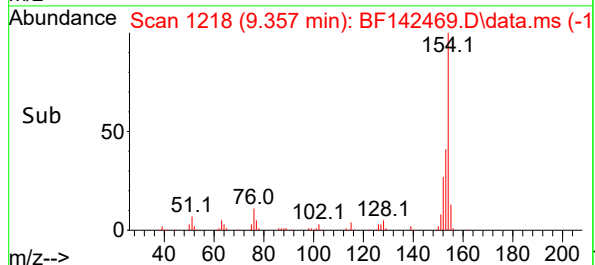
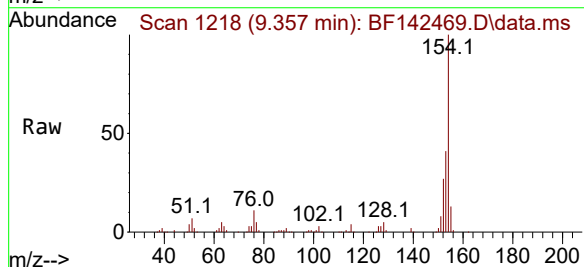
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

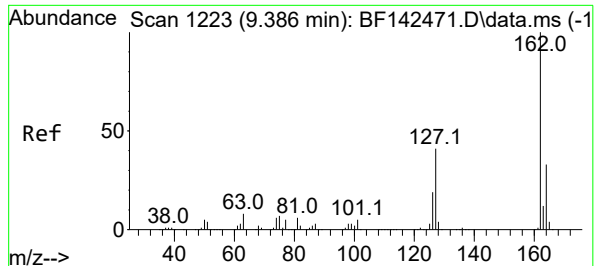
Tgt Ion:172 Resp: 332871
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 10.346 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:154 Resp: 165063
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 10.6 0.0 30.8





#47

2-Chloronaphthalene

Concen: 10.208 ng

RT: 9.387 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142469.D

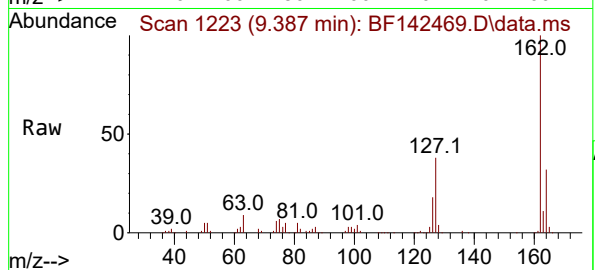
Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



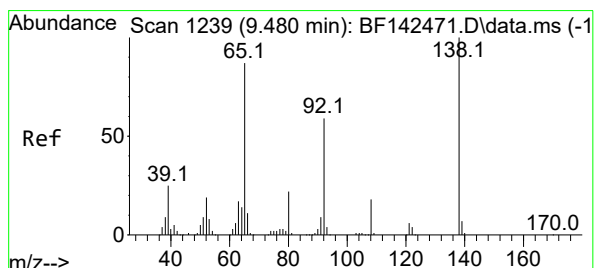
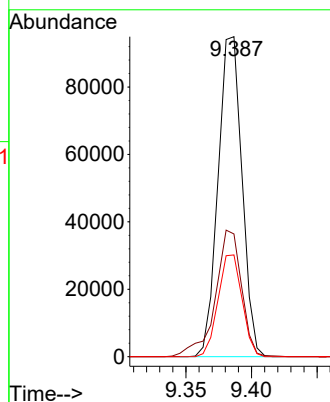
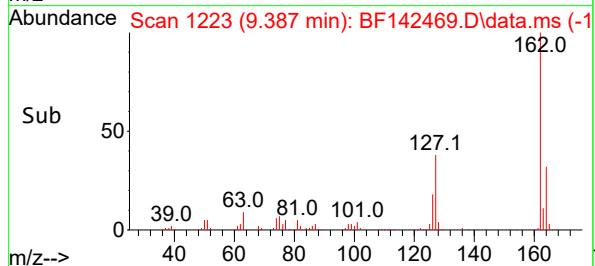
Tgt Ion:162 Resp: 120339

Ion Ratio Lower Upper

162 100

127 38.3 33.5 50.3

164 31.8 26.1 39.1



#48

2-Nitroaniline

Concen: 9.604 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

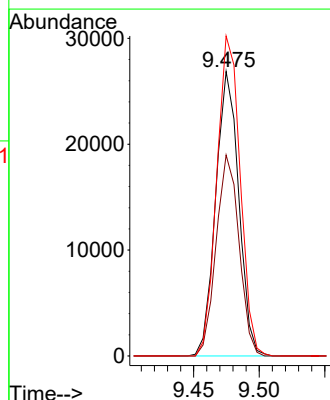
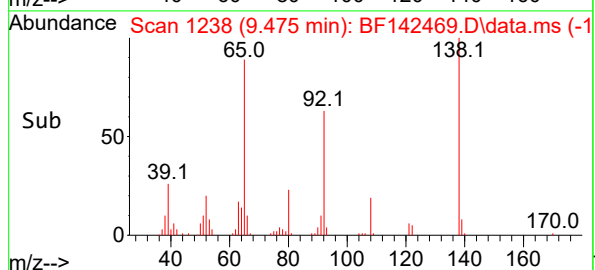
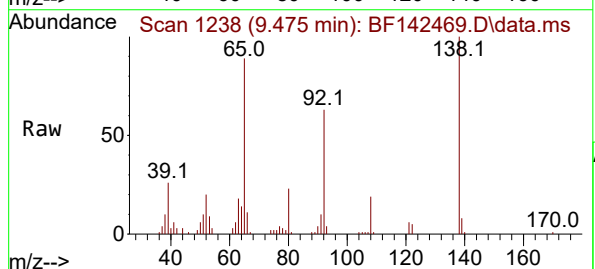
Tgt Ion: 65 Resp: 32722

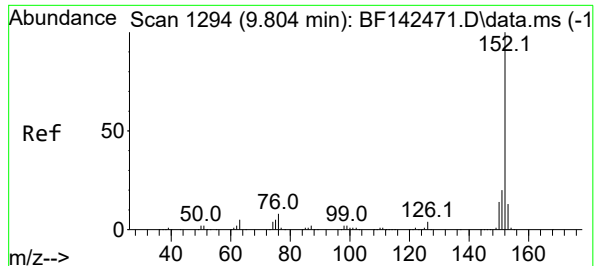
Ion Ratio Lower Upper

65 100

92 70.6 54.4 81.6

138 112.5 91.4 137.2





#49

Acenaphthylene

Concen: 10.237 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

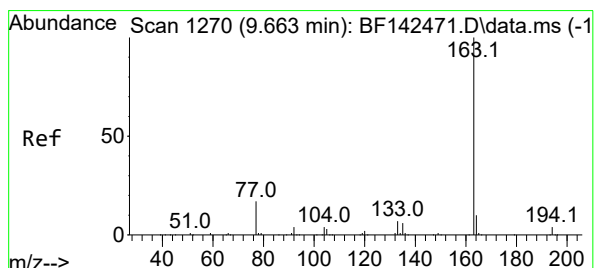
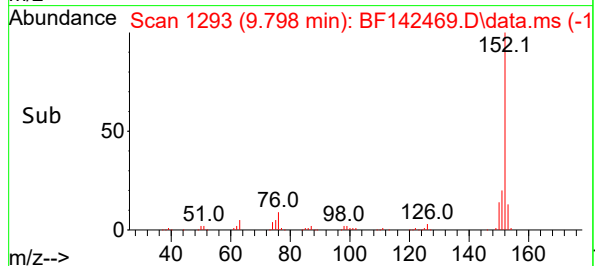
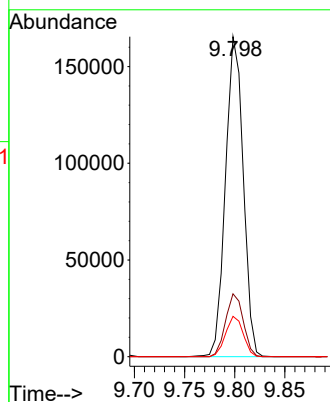
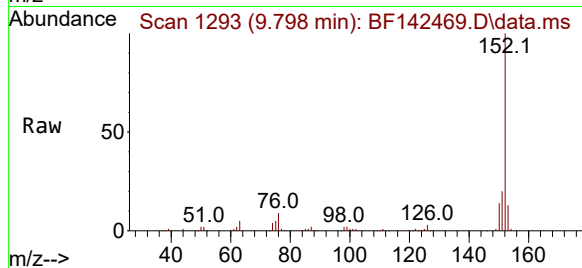
Tgt Ion:152 Resp: 203767

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

153 12.6 10.6 15.8



#50

Dimethylphthalate

Concen: 10.155 ng

RT: 9.651 min Scan# 1268

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

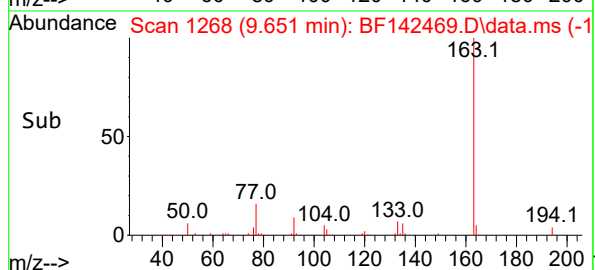
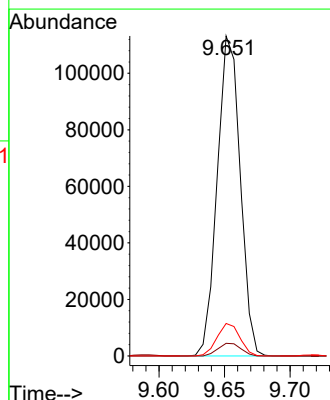
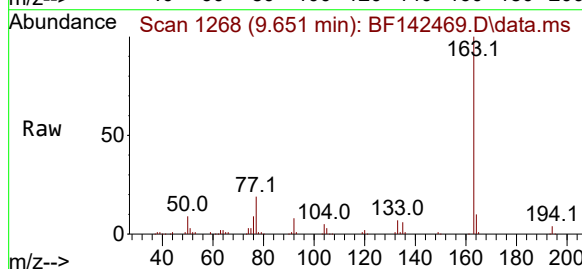
Tgt Ion:163 Resp: 137804

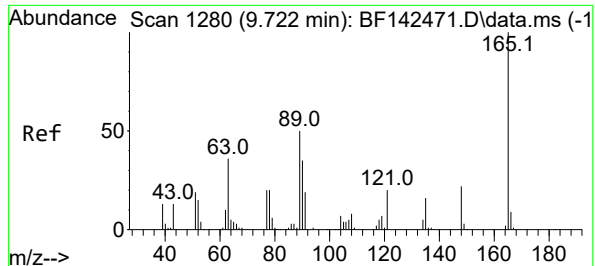
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.2 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 9.940 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

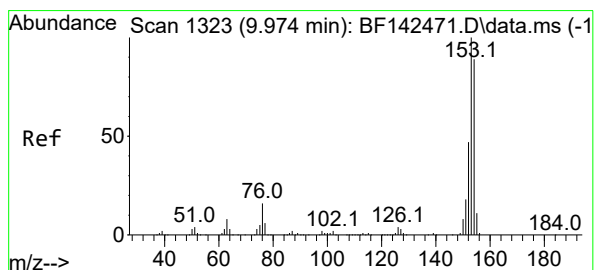
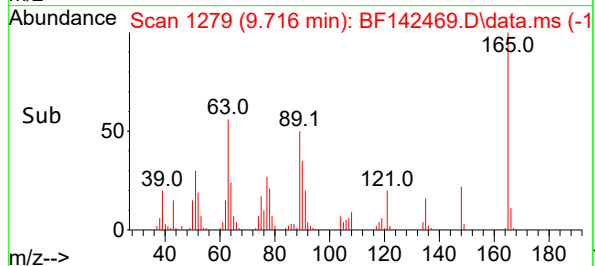
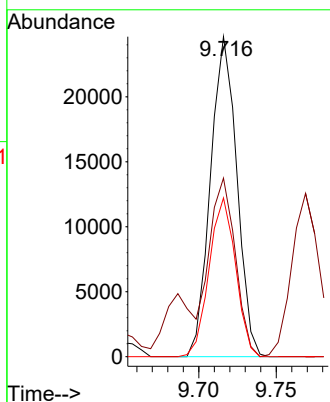
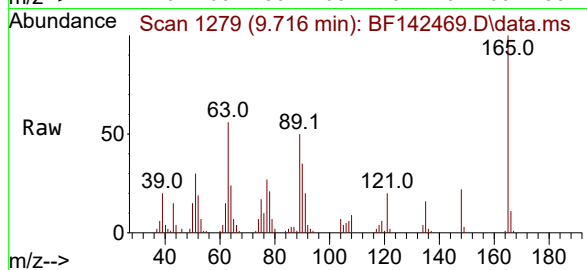
Tgt Ion:165 Resp: 29112

Ion Ratio Lower Upper

165 100

63 55.8 42.9 64.3

89 49.6 40.2 60.4



#52

Acenaphthene

Concen: 10.339 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

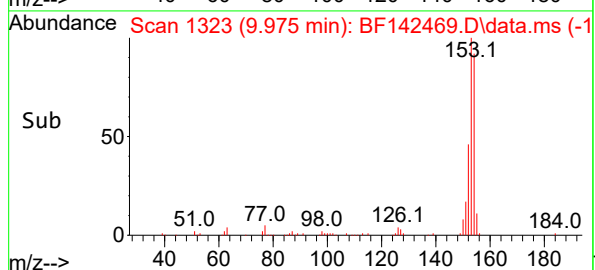
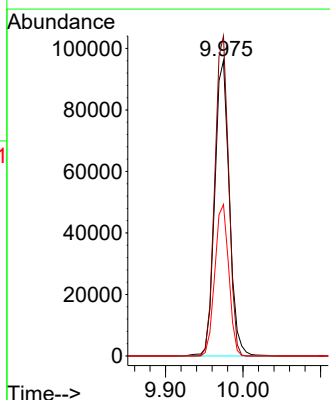
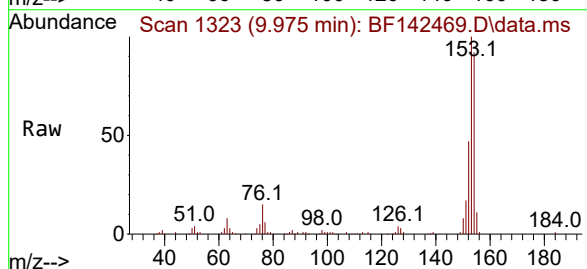
Tgt Ion:154 Resp: 125669

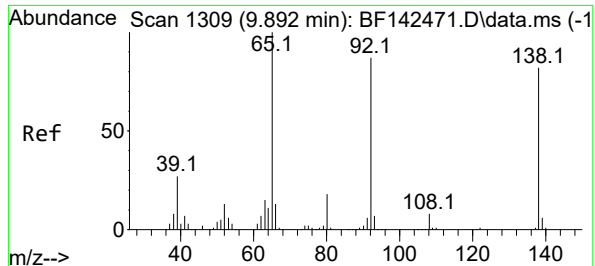
Ion Ratio Lower Upper

154 100

153 108.4 90.0 135.0

152 51.3 42.6 64.0

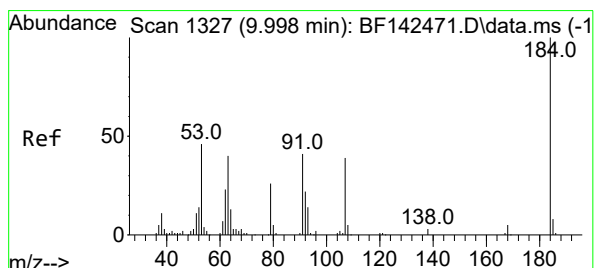
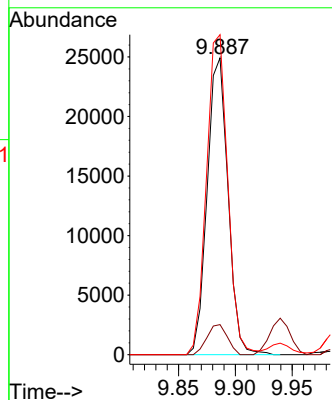
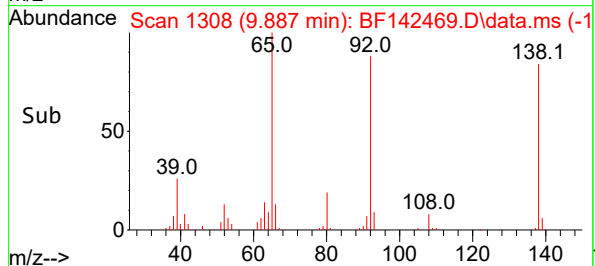
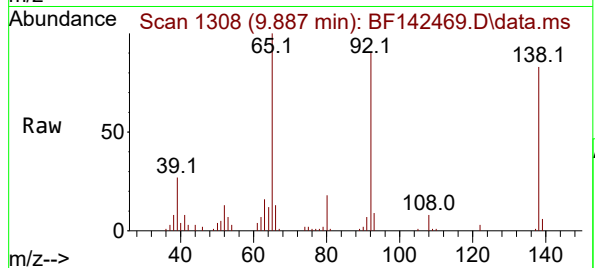




#53
3-Nitroaniline
Concen: 9.947 ng
RT: 9.887 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

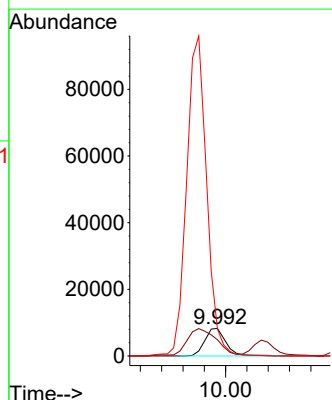
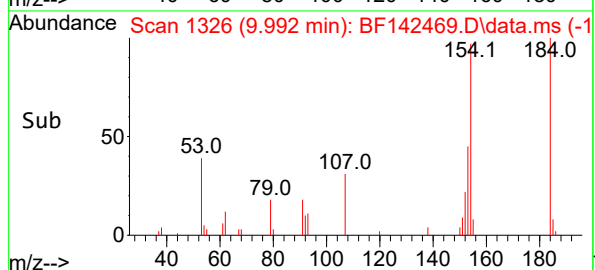
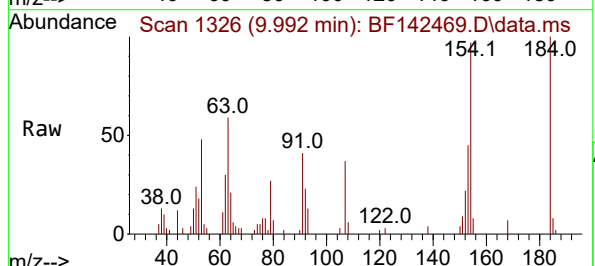
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

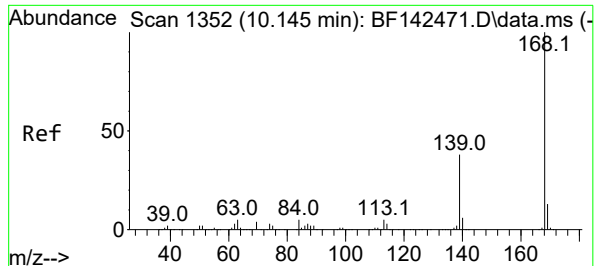
Tgt Ion:138 Resp: 31820
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 107.8 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 7.502 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:184 Resp: 11352
Ion Ratio Lower Upper
184 100
63 58.7 46.3 69.5
154 97.5 56.8 85.2#





#55

Dibenzofuran

Concen: 10.380 ng

RT: 10.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

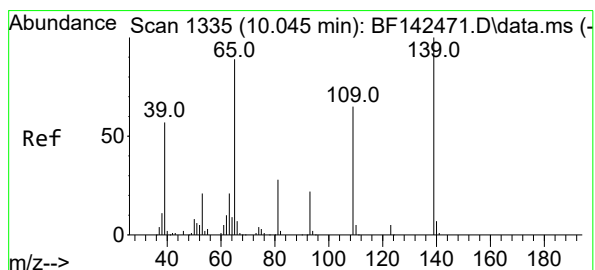
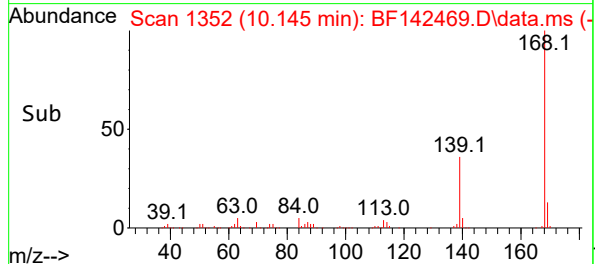
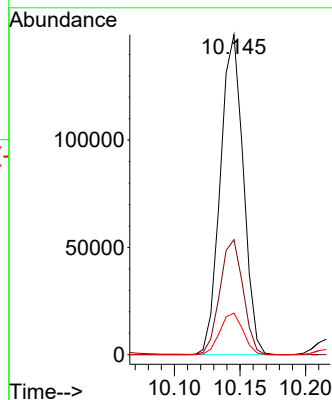
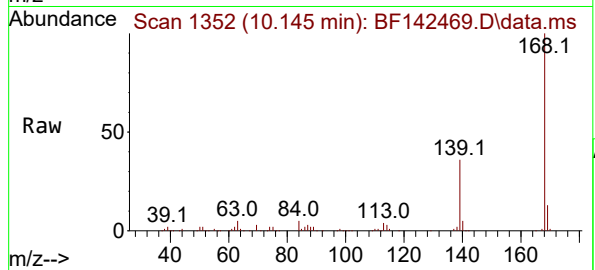
Tgt Ion:168 Resp: 181558

Ion Ratio Lower Upper

168 100

139 36.0 30.2 45.2

169 13.0 10.7 16.1



#56

4-Nitrophenol

Concen: 9.456 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

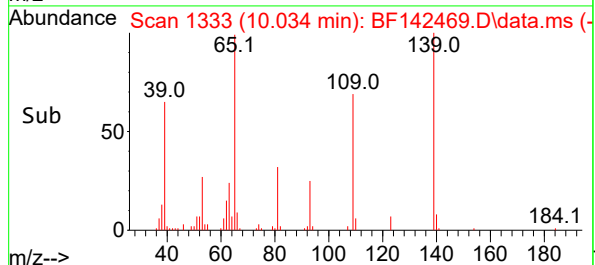
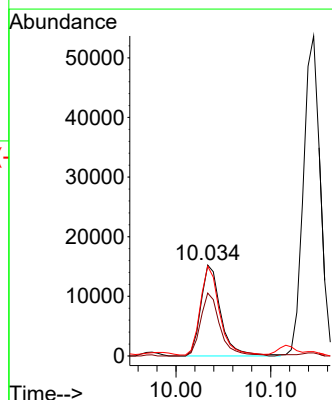
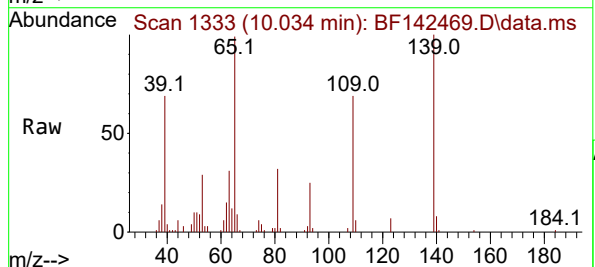
Tgt Ion:139 Resp: 22320

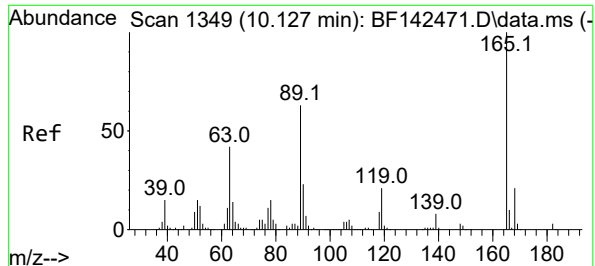
Ion Ratio Lower Upper

139 100

109 69.1 45.1 85.1

65 98.8 69.7 109.7

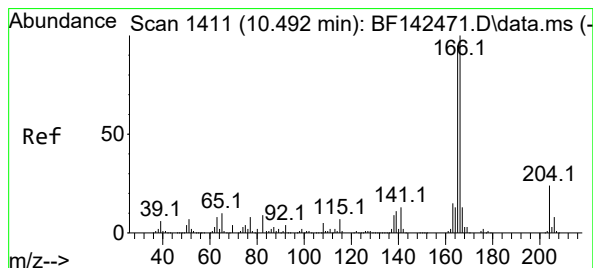
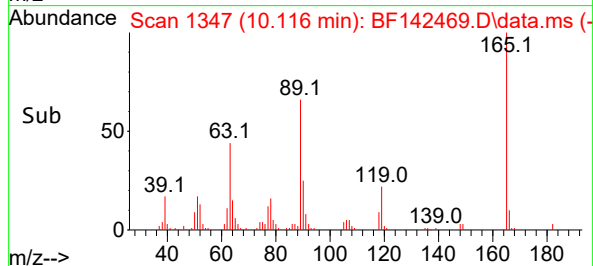
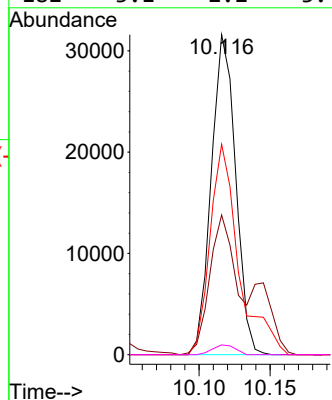
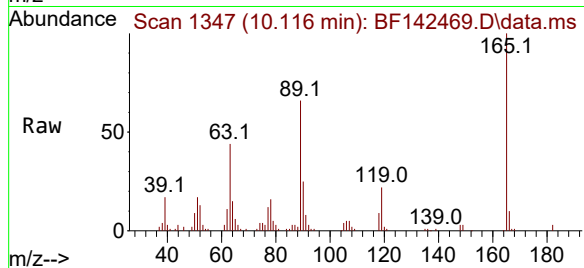




#57
2,4-Dinitrotoluene
Concen: 9.869 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

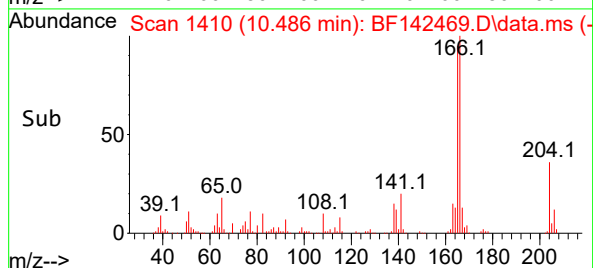
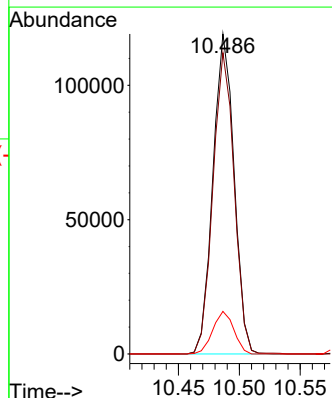
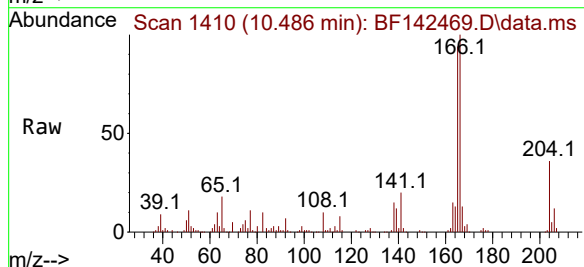
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

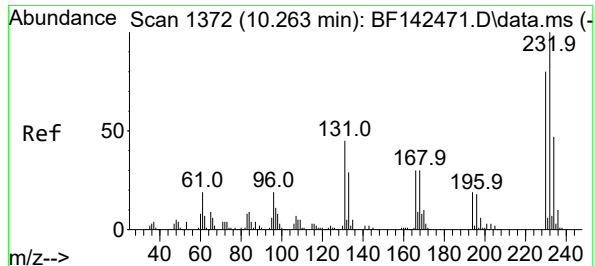
Tgt Ion:165 Resp: 37749
Ion Ratio Lower Upper
165 100
63 43.7 33.6 50.4
89 65.7 50.2 75.4
182 3.1 2.2 3.4



#58
Fluorene
Concen: 10.648 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:166 Resp: 143883
Ion Ratio Lower Upper
166 100
165 94.2 75.8 113.8
167 13.3 10.6 16.0

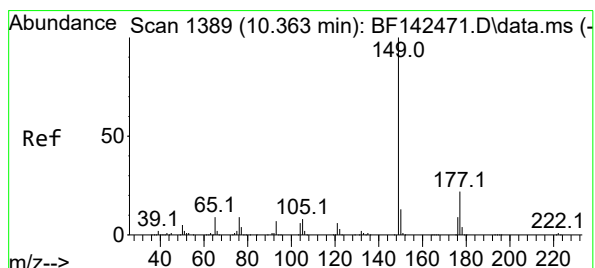
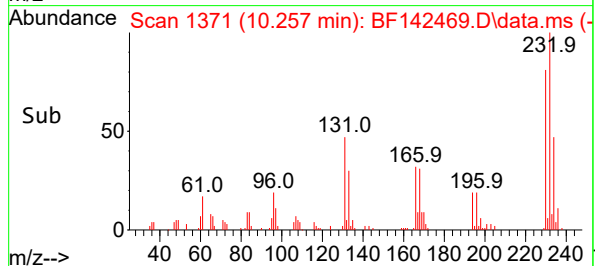
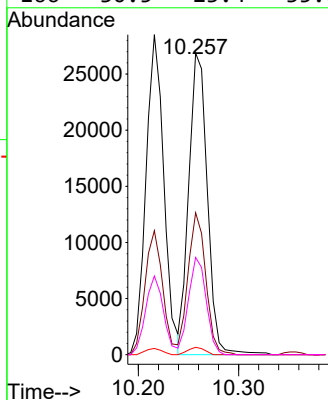
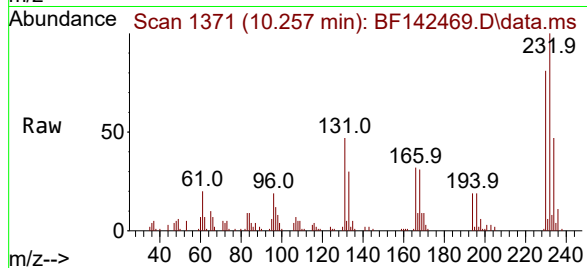




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.857 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

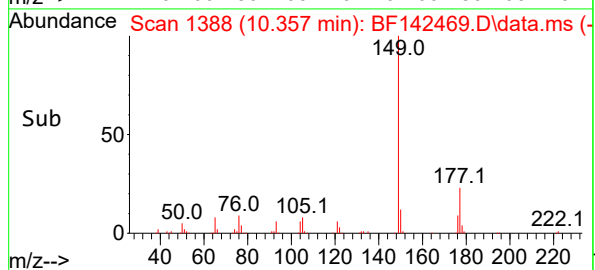
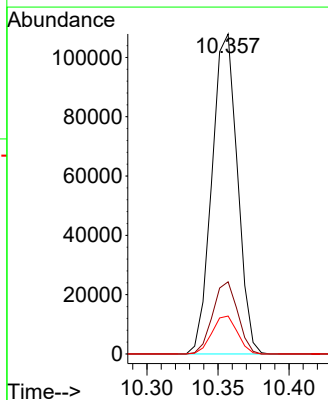
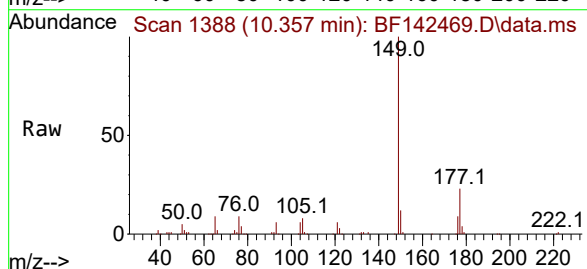
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

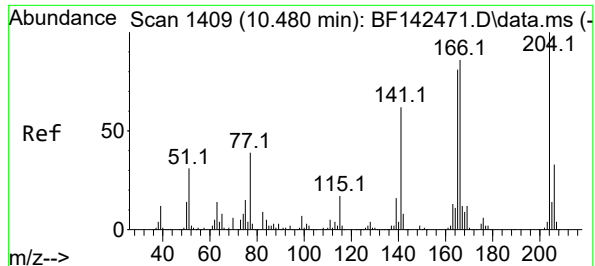
Tgt Ion:232 Resp: 34548
Ion Ratio Lower Upper
232 100
131 44.5 35.2 52.8
130 2.2 1.7 2.5
166 30.5 23.4 35.0



#60
Diethylphthalate
Concen: 10.161 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:149 Resp: 134662
Ion Ratio Lower Upper
149 100
177 22.5 17.6 26.4
150 11.8 10.1 15.1

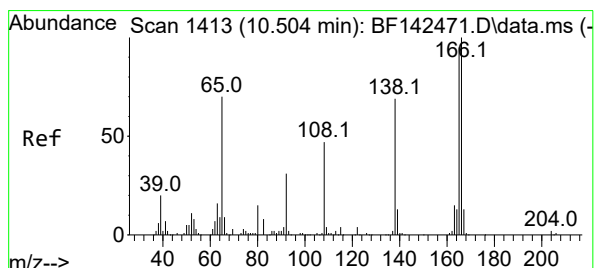
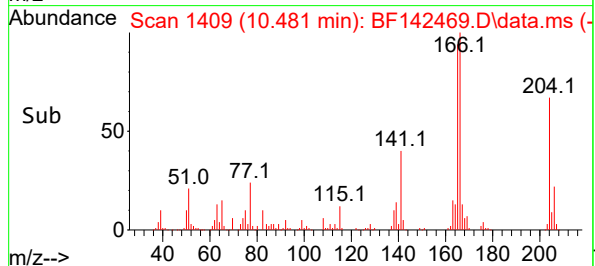
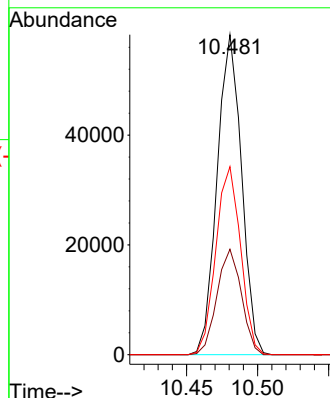
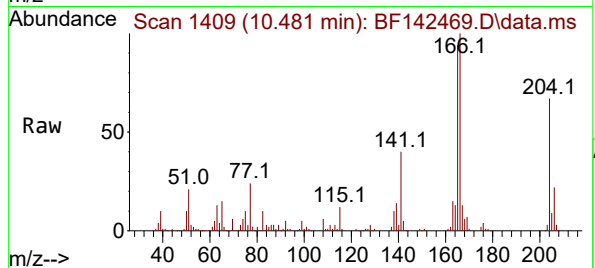




#61
4-Chlorophenyl-phenylether
Concen: 10.506 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

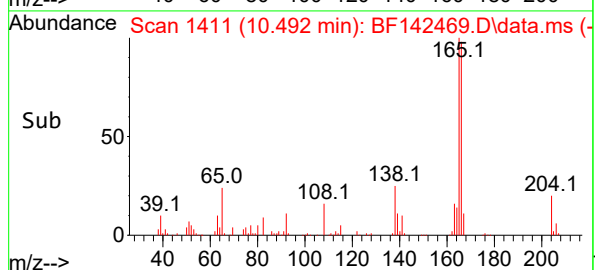
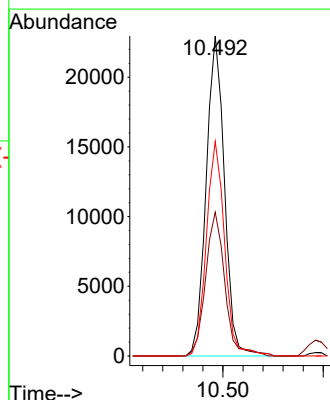
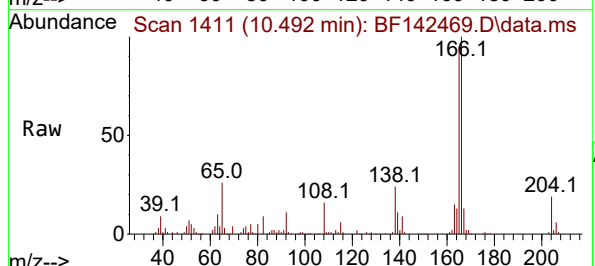
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

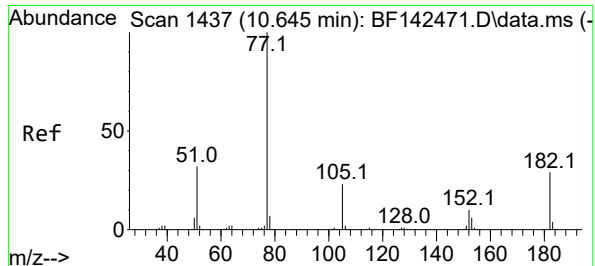
Tgt Ion:204 Resp: 69739
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 58.7 49.5 74.3



#62
4-Nitroaniline
Concen: 10.038 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:138 Resp: 29122
Ion Ratio Lower Upper
138 100
92 45.0 26.0 66.0
108 67.1 48.4 88.4

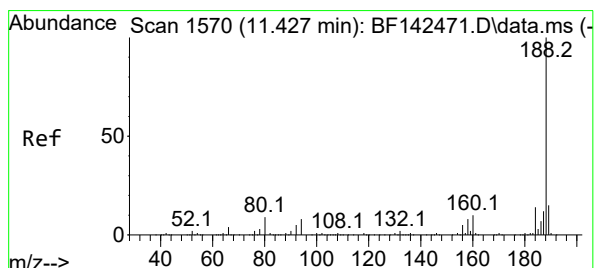
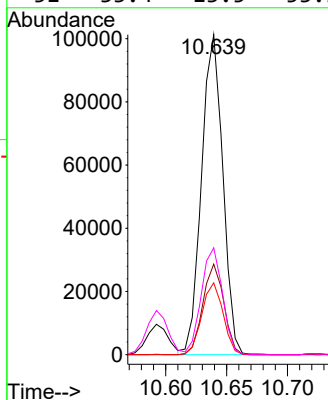
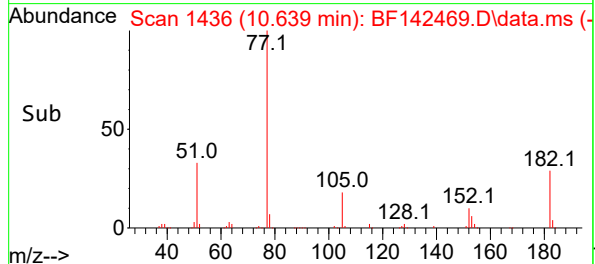
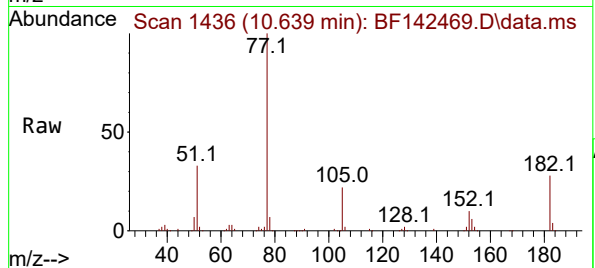




#63
Azobenzene
Concen: 10.317 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

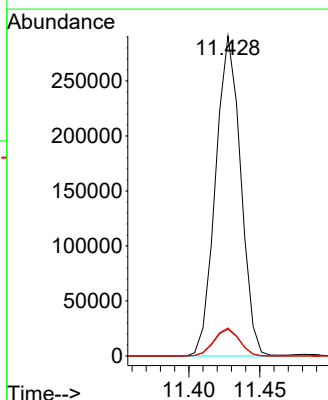
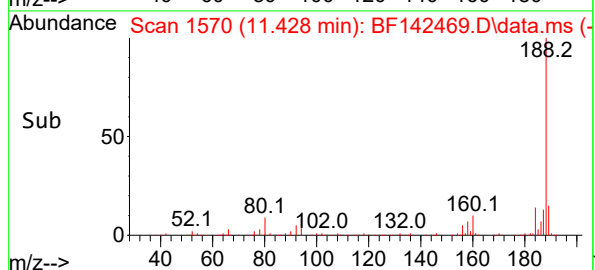
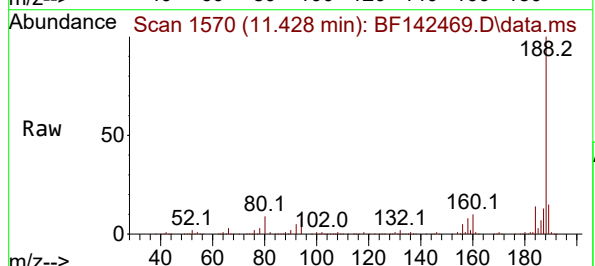
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

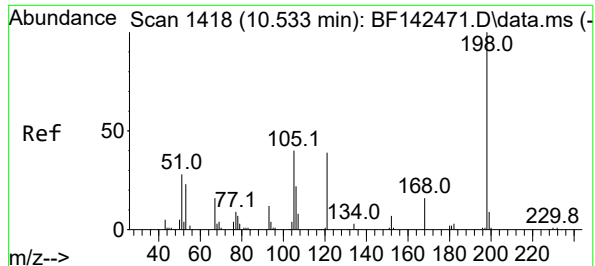
Tgt Ion: 77 Resp: 122806
Ion Ratio Lower Upper
77 100
182 28.3 9.0 49.0
105 22.5 2.4 42.4
51 33.4 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 188 Resp: 357871
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.7 7.4 11.0

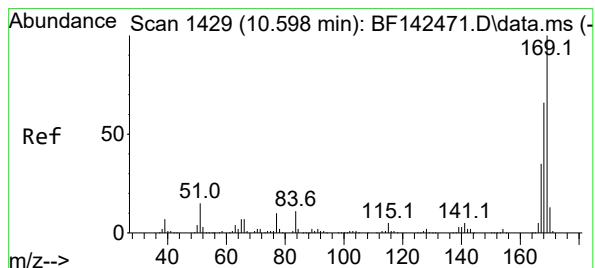
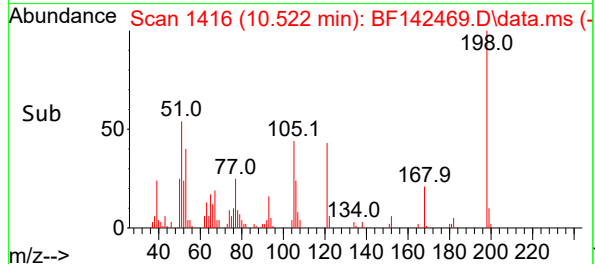
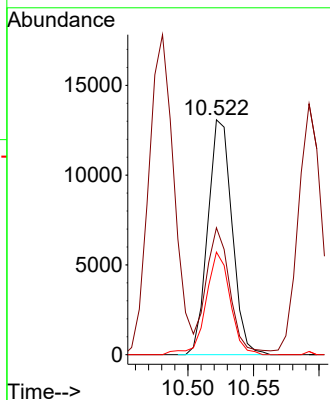
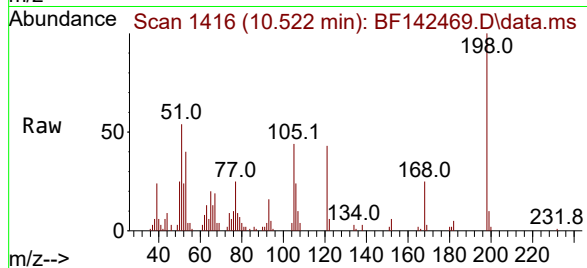




#65
4,6-Dinitro-2-methylphenol
Concen: 8.403 ng
RT: 10.522 min Scan# 1418
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

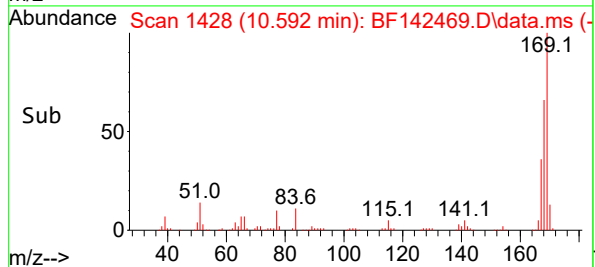
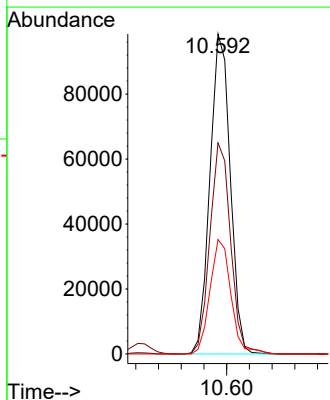
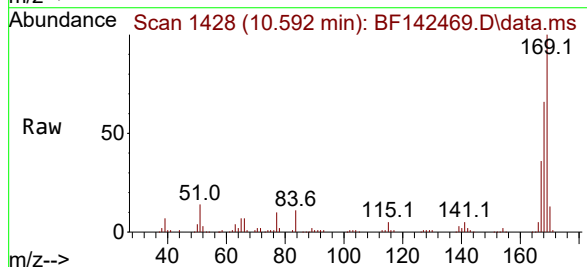
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

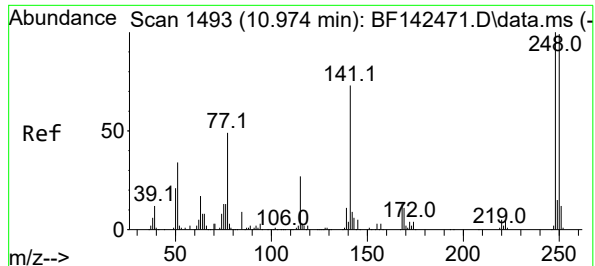
Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.0	28.3	68.3
105	43.7	21.3	61.3



#66
n-Nitrosodiphenylamine
Concen: 9.961 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.7	79.1
167	35.8	28.3	42.5

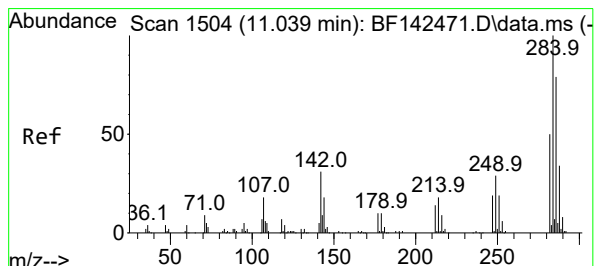
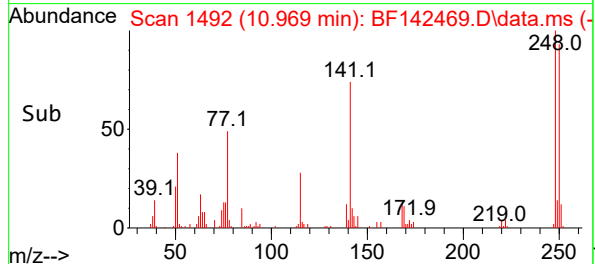
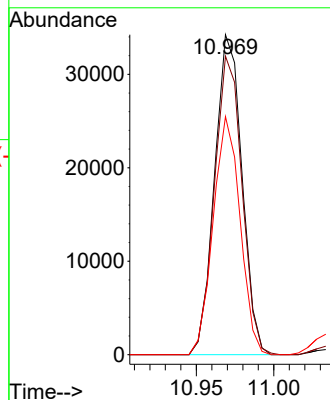
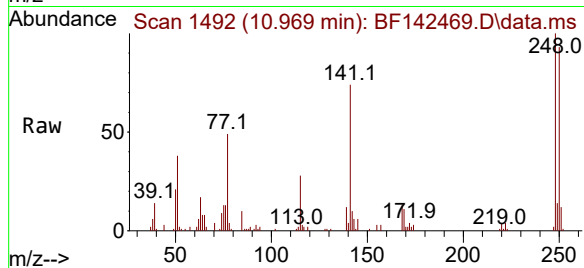




#67
4-Bromophenyl-phenylether
Concen: 9.939 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

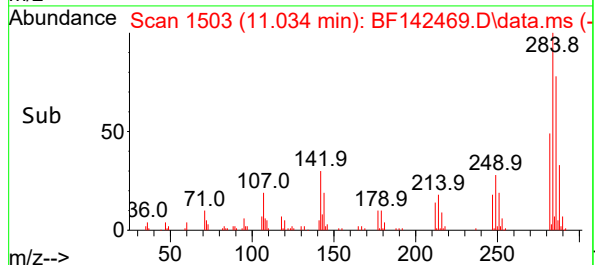
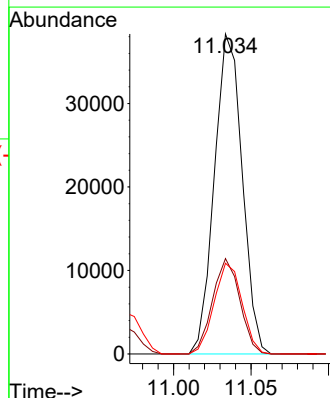
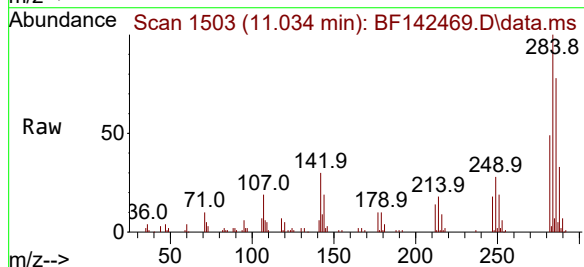
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

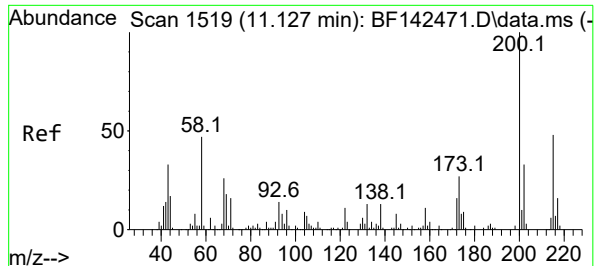
Tgt Ion:248 Resp: 42057
Ion Ratio Lower Upper
248 100
250 93.3 79.0 118.4
141 74.4 58.4 87.6



#68
Hexachlorobenzene
Concen: 10.207 ng
RT: 11.034 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:284 Resp: 47773
Ion Ratio Lower Upper
284 100
142 29.8 24.8 37.2
249 28.4 23.6 35.4





#69

Atrazine

Concen: 9.591 ng

RT: 11.116 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

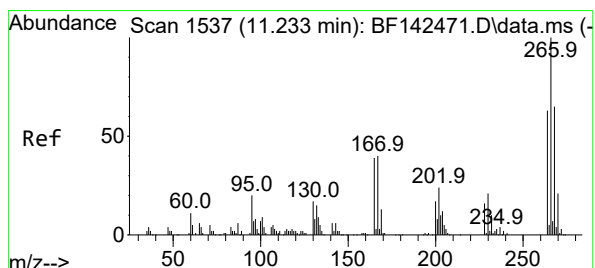
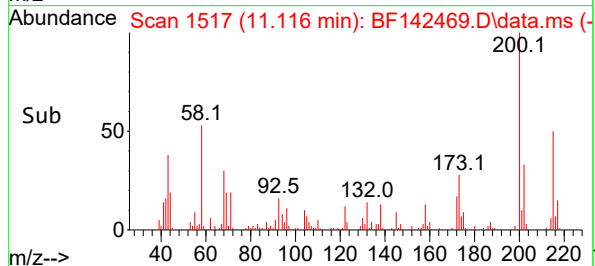
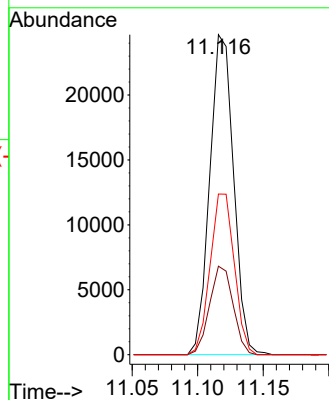
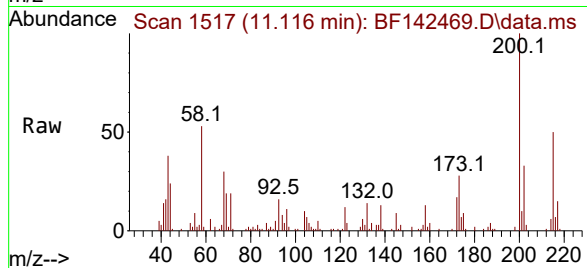
Tgt Ion:200 Resp: 31184

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

215 50.2 28.5 68.5



#70

Pentachlorophenol

Concen: 9.126 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

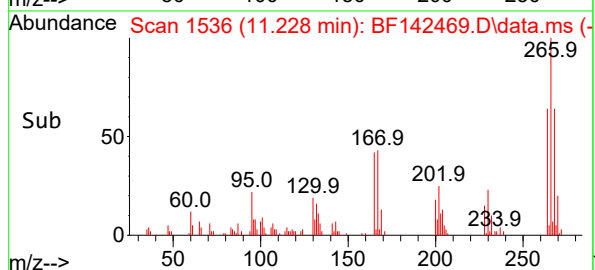
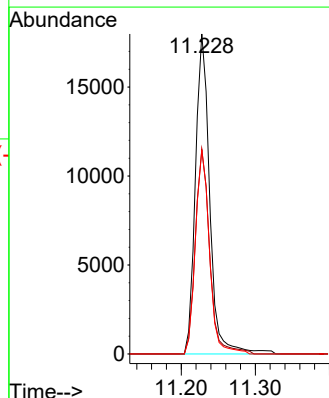
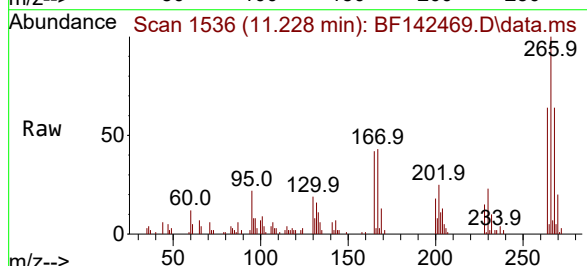
Tgt Ion:266 Resp: 24115

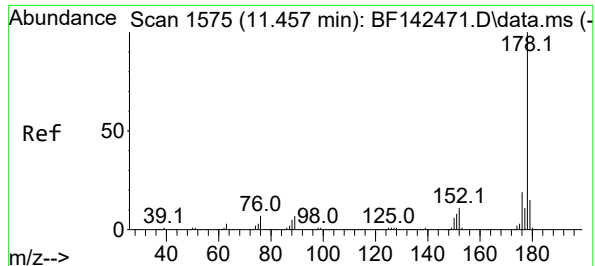
Ion Ratio Lower Upper

266 100

268 63.9 51.7 77.5

264 63.7 50.4 75.6

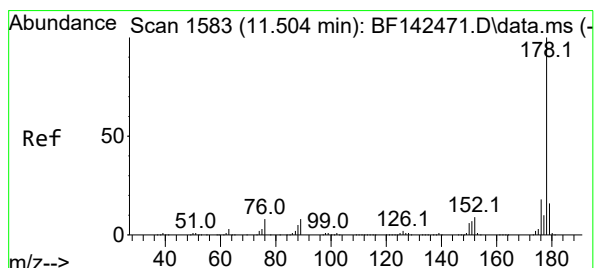
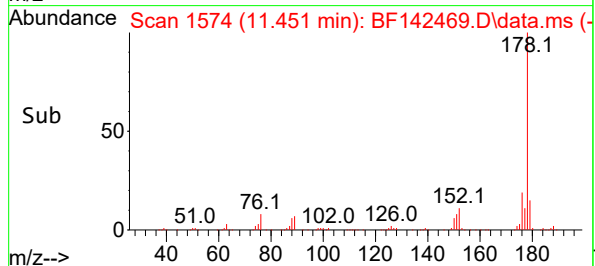
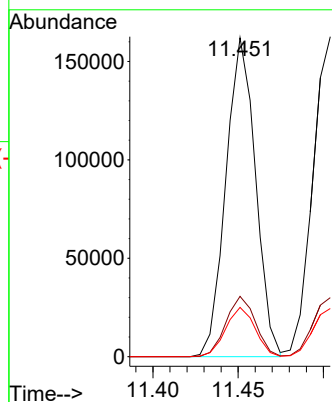
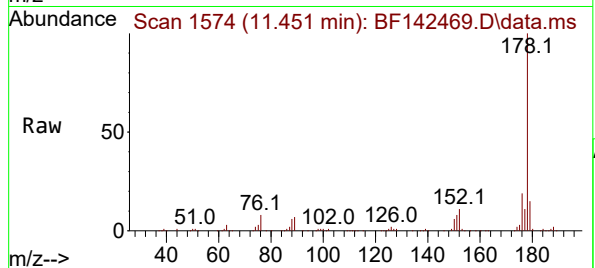




#71
Phenanthrene
Concen: 10.231 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

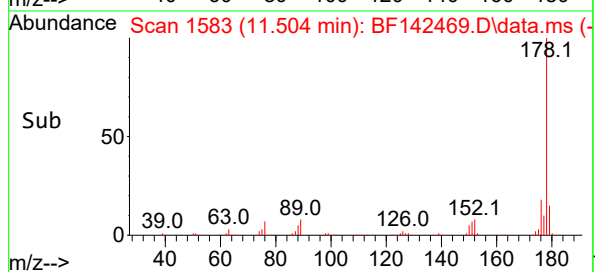
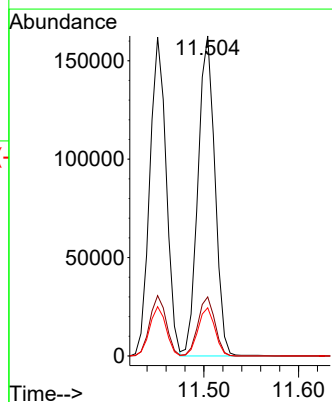
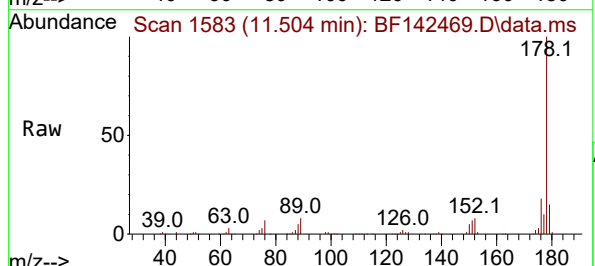
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

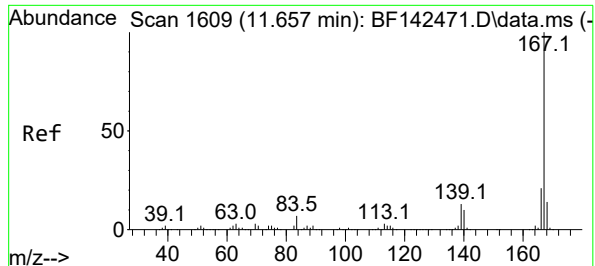
Tgt Ion:178 Resp: 195667
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 10.375 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

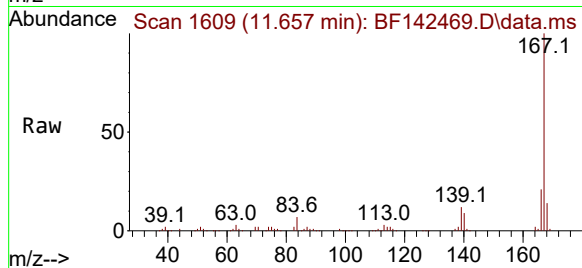
Tgt Ion:178 Resp: 202509
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.0 12.4 18.6



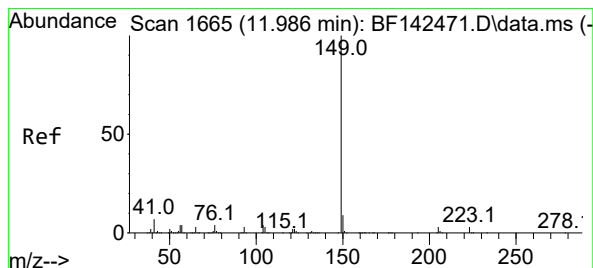
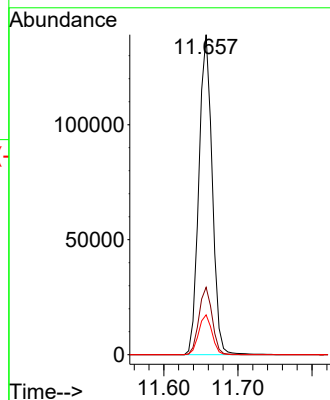
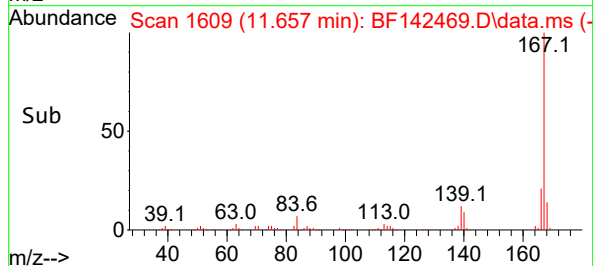


#73
Carbazole
Concen: 10.381 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

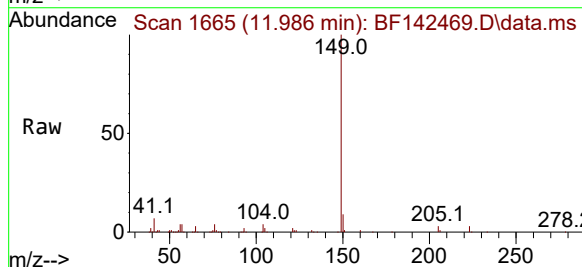
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



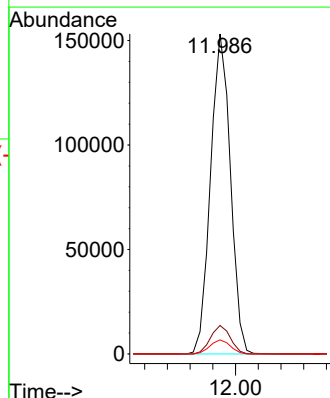
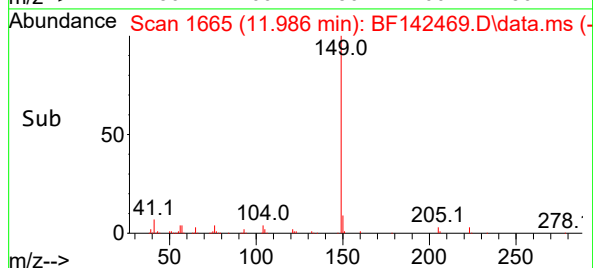
Tgt Ion:167 Resp: 173217
Ion Ratio Lower Upper
167 100
166 21.0 16.9 25.3
139 12.5 10.2 15.4

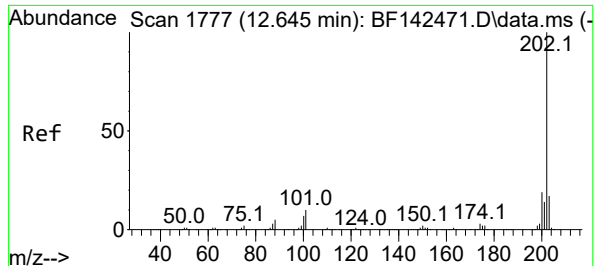


#74
Di-n-butylphthalate
Concen: 10.177 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07



Tgt Ion:149 Resp: 185880
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.4 3.6 5.4

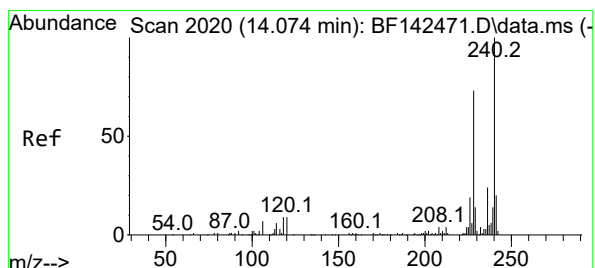
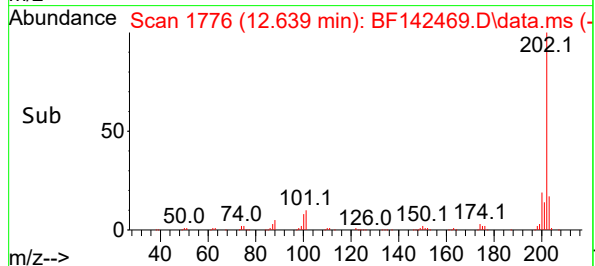
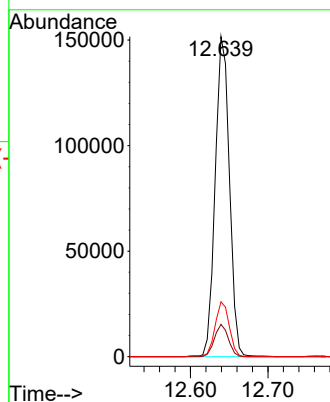
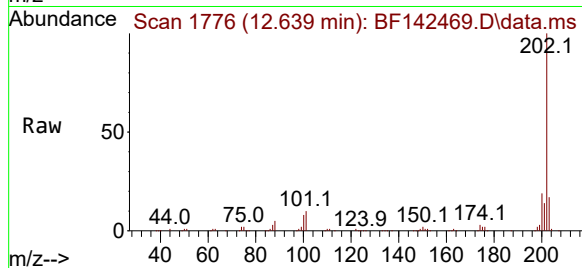




#75
Fluoranthene
Concen: 10.825 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

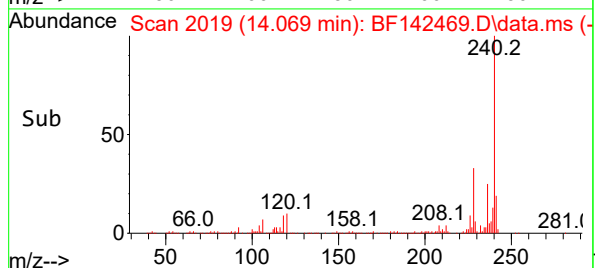
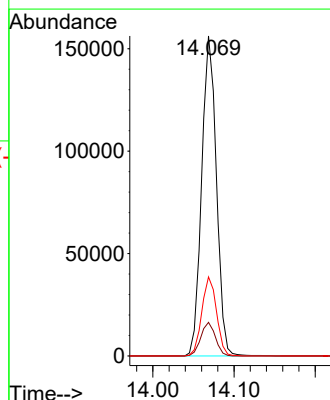
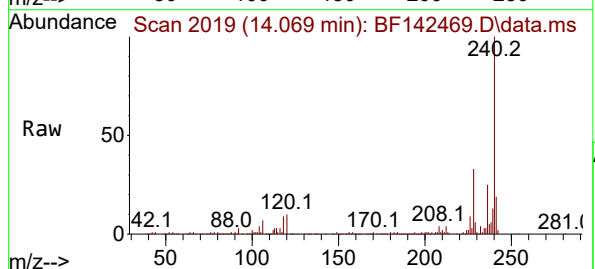
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

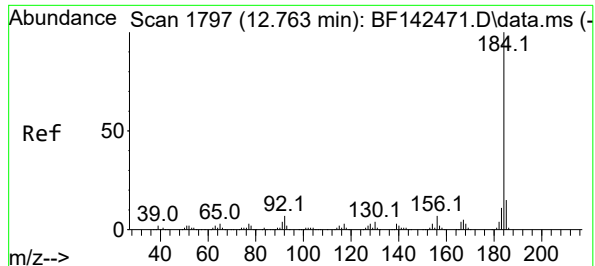
Tgt Ion:202 Resp: 193456
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:240 Resp: 197144
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 24.7 19.6 29.4





#77

Benzidine

Concen: 10.508 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

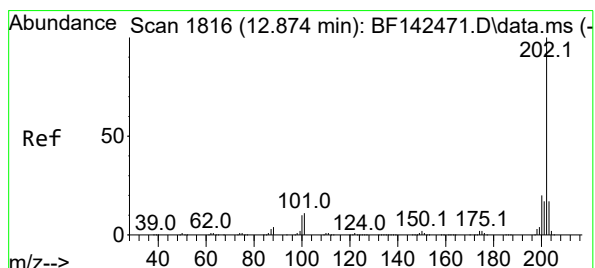
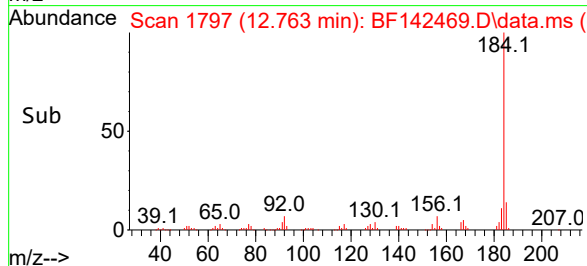
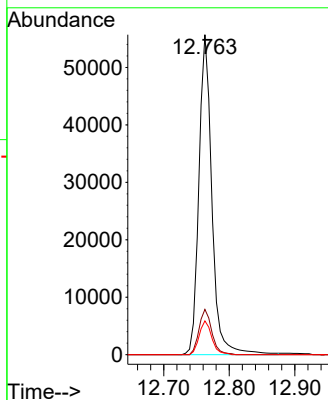
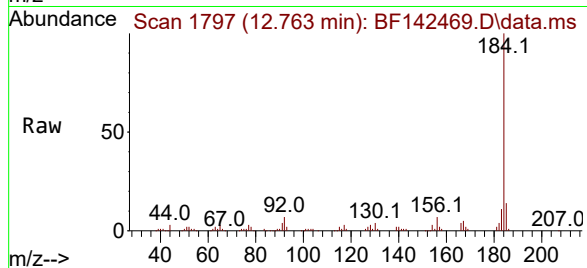
Tgt Ion:184 Resp: 77091

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 10.6 9.0 13.4



#78

Pyrene

Concen: 10.540 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

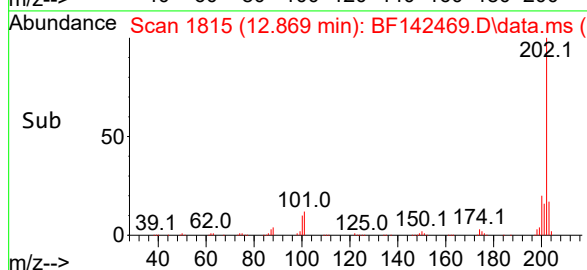
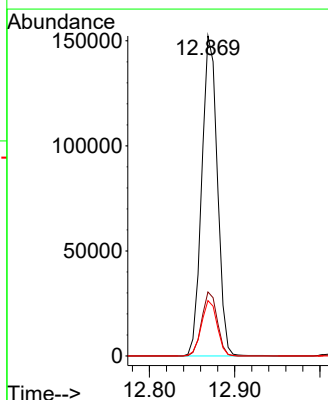
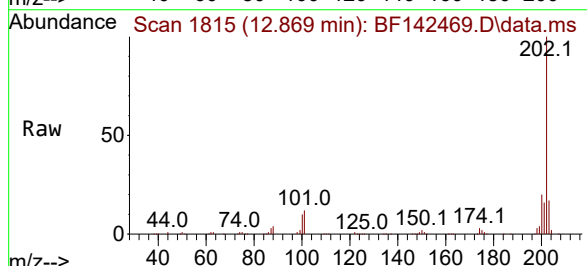
Tgt Ion:202 Resp: 193842

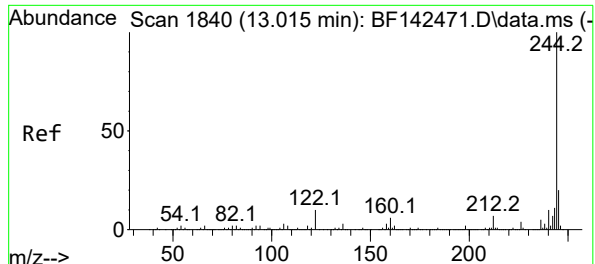
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 21.612 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

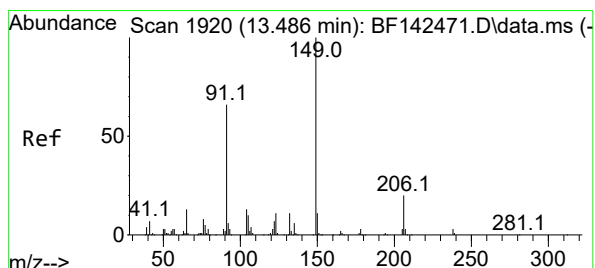
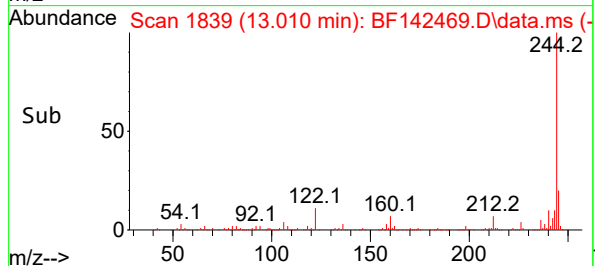
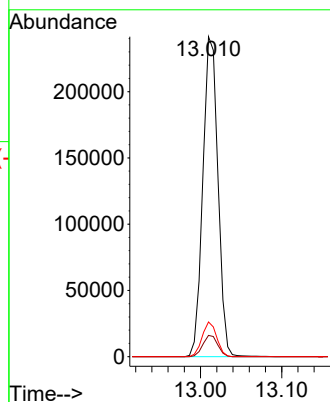
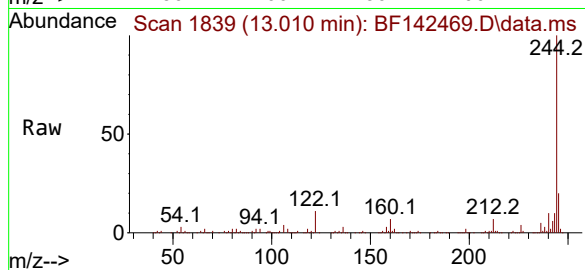
Tgt Ion:244 Resp: 311785

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.9 8.2 12.2



#80

Butylbenzylphthalate

Concen: 8.793 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

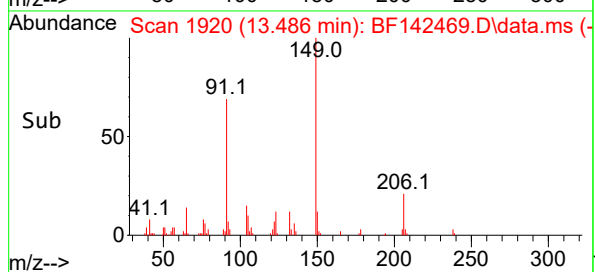
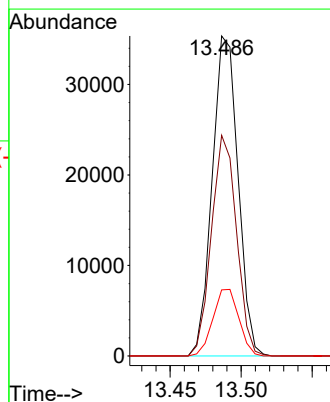
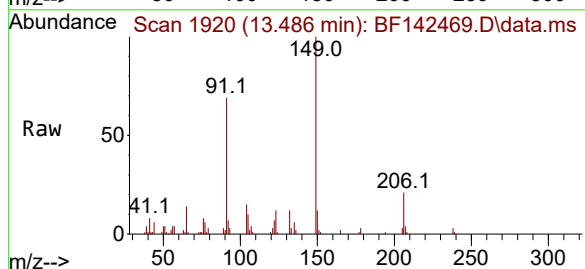
Tgt Ion:149 Resp: 44682

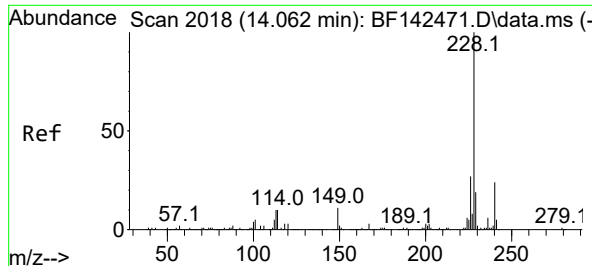
Ion Ratio Lower Upper

149 100

91 69.0 52.9 79.3

206 20.6 16.2 24.2

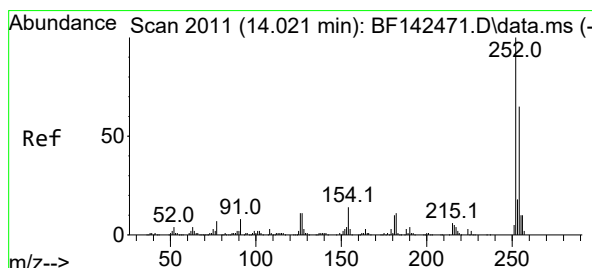
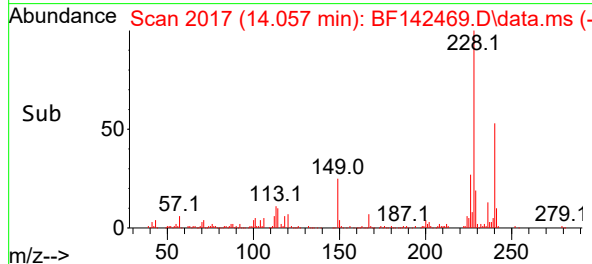
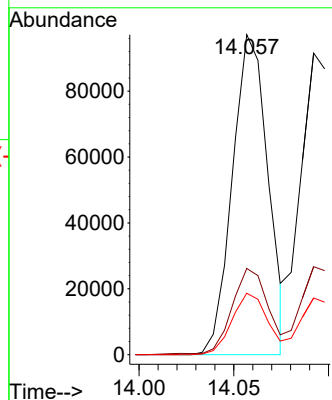
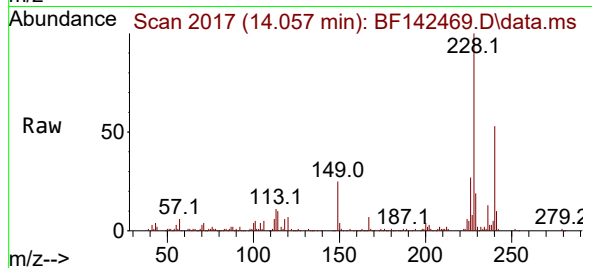




#81
Benzo(a)anthracene
Concen: 9.639 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

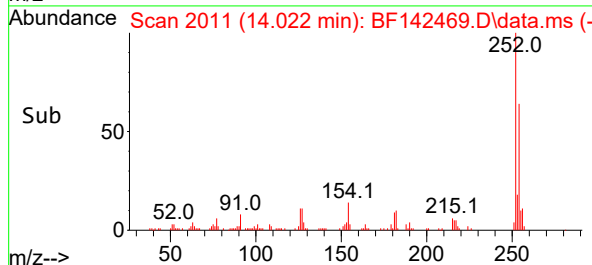
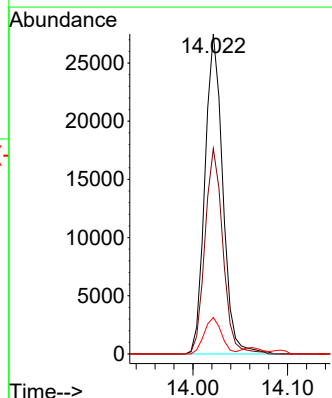
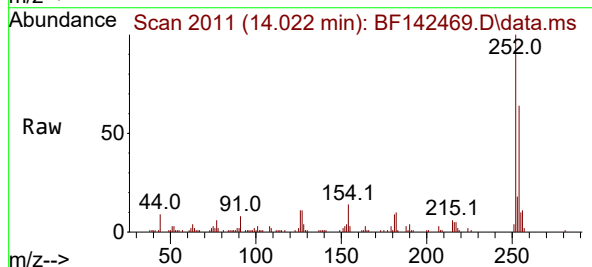
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

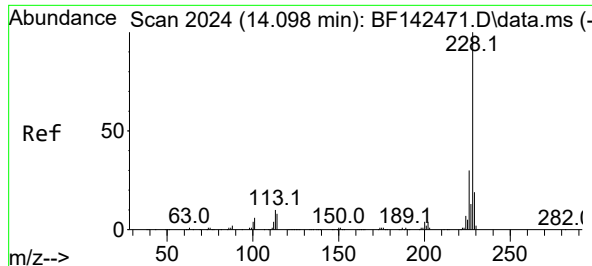
Tgt Ion:228 Resp: 126886
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.2 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 8.977 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:252 Resp: 35845
Ion Ratio Lower Upper
252 100
254 64.2 52.0 78.0
126 11.4 8.9 13.3





#83

Chrysene

Concen: 10.032 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

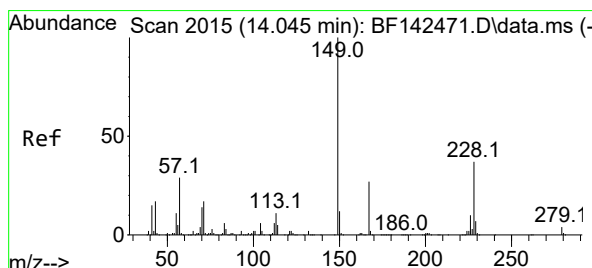
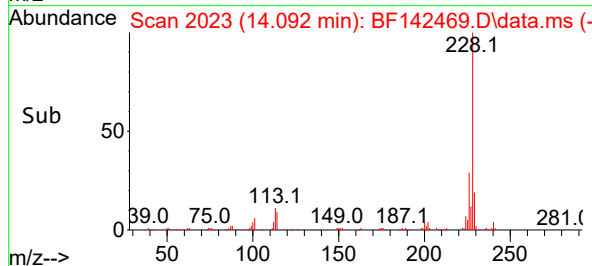
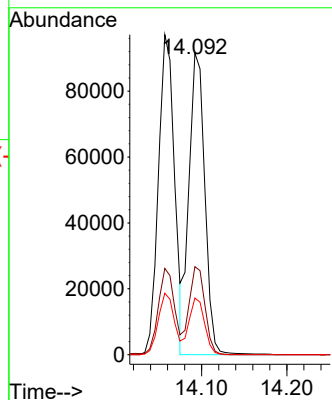
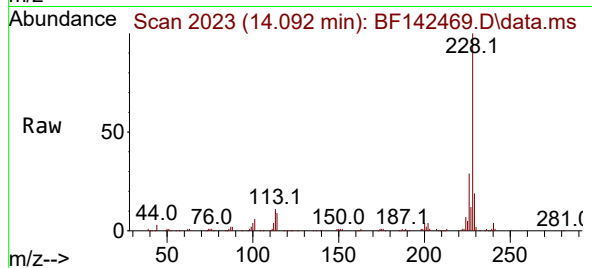
Tgt Ion:228 Resp: 118674

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 18.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.310 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

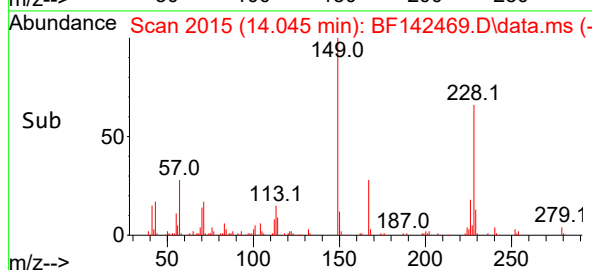
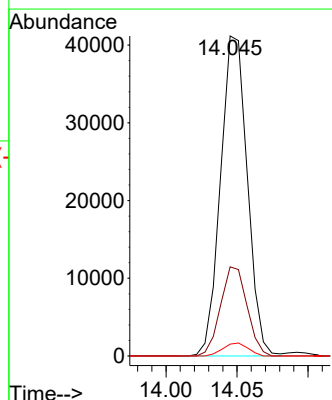
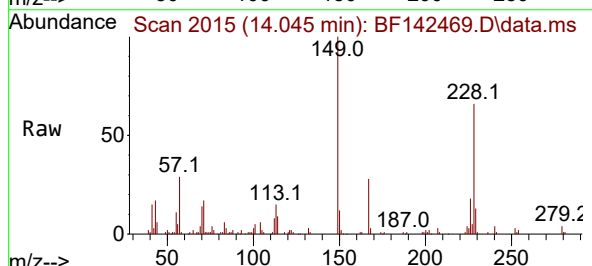
Tgt Ion:149 Resp: 54056

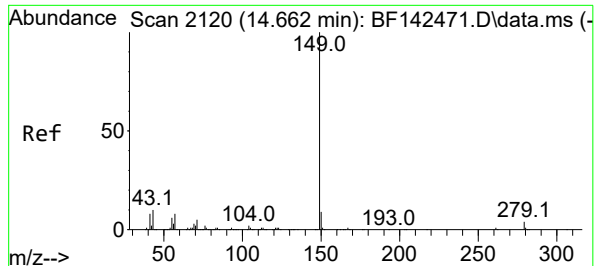
Ion Ratio Lower Upper

149 100

167 27.8 21.5 32.3

279 3.7 3.2 4.8

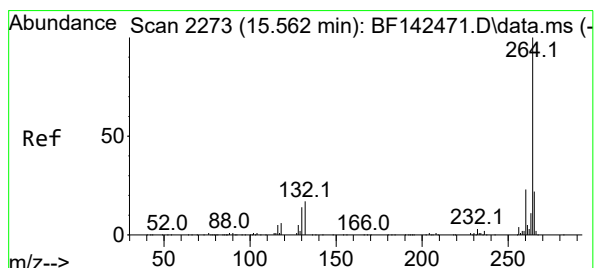
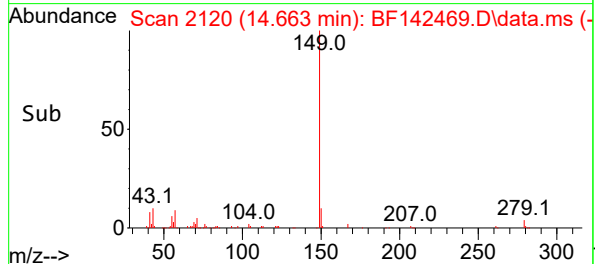
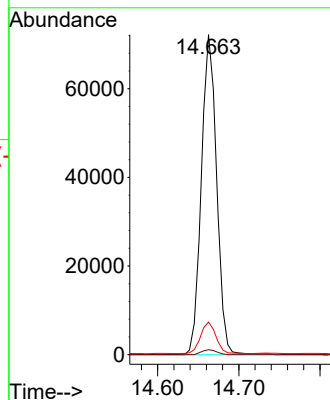
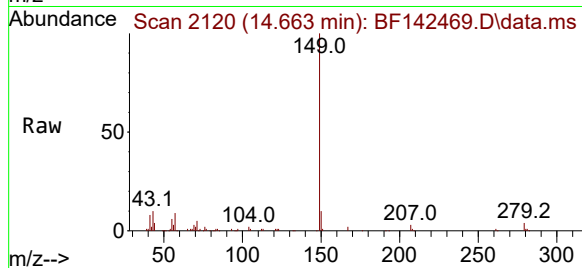




#85
Di-n-octyl phthalate
Concen: 7.425 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

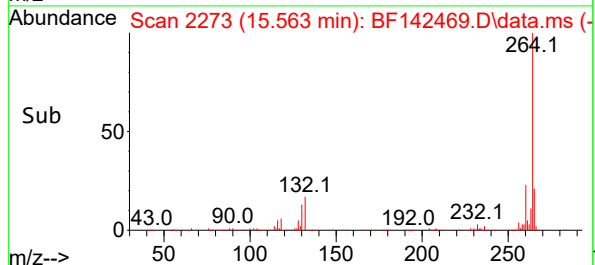
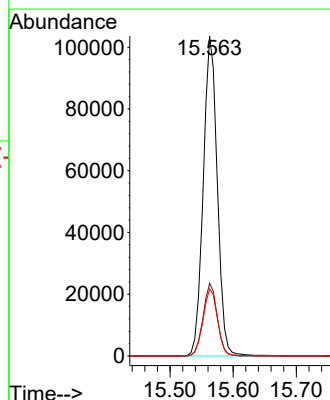
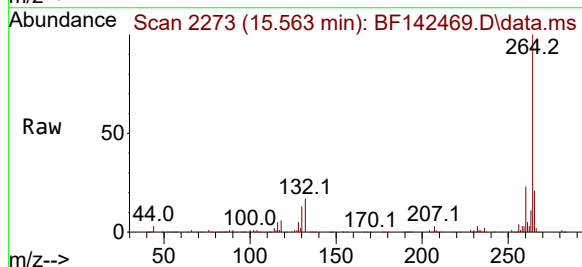
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

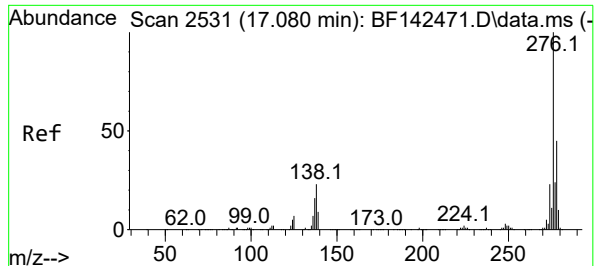
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.9	11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	20.9	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.956 ng

RT: 17.068 min Scan# 2198

Delta R.T. -0.023 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

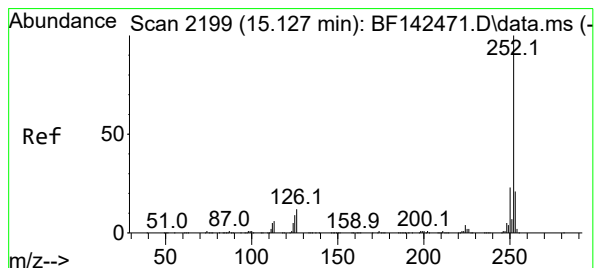
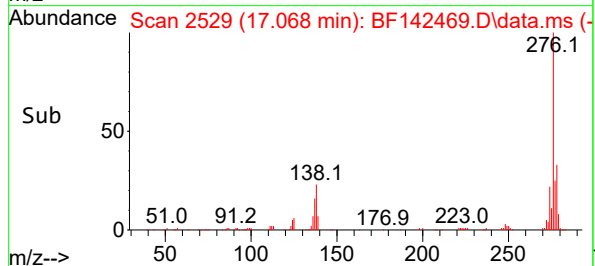
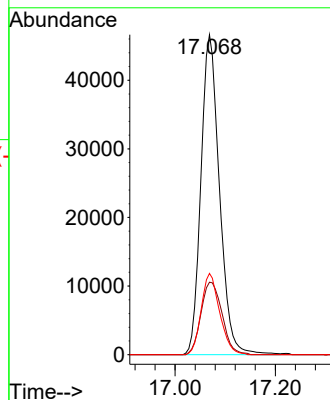
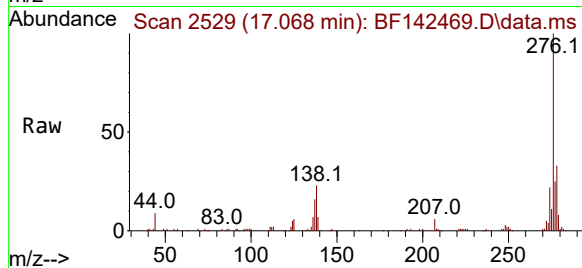
Tgt Ion:276 Resp: 119642

Ion Ratio Lower Upper

276 100

138 25.8 19.9 29.9

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 9.335 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

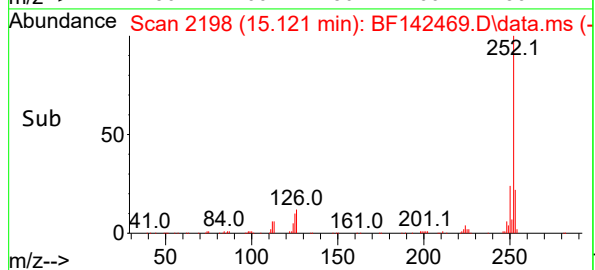
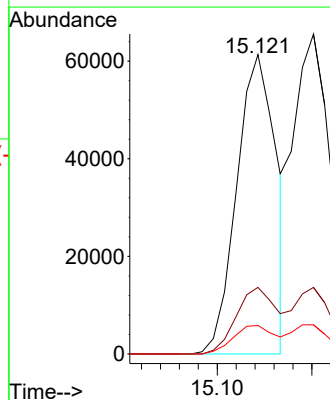
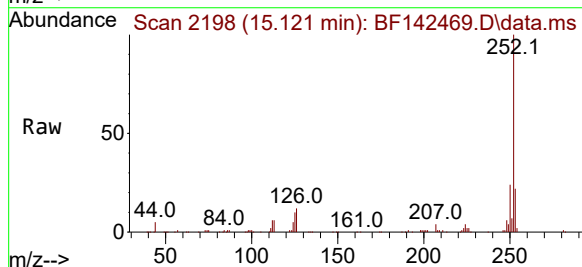
Tgt Ion:252 Resp: 88432

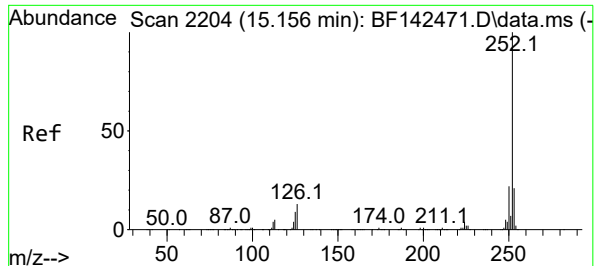
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 10.517 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

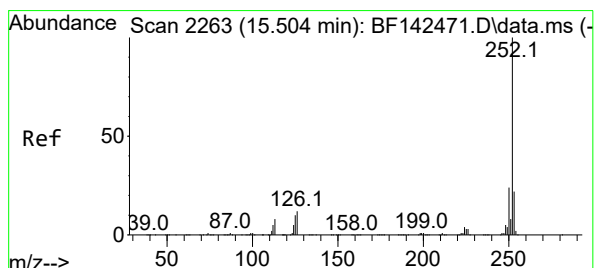
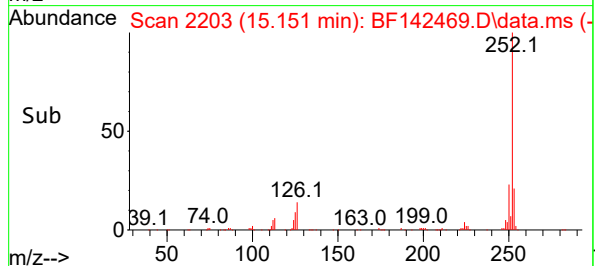
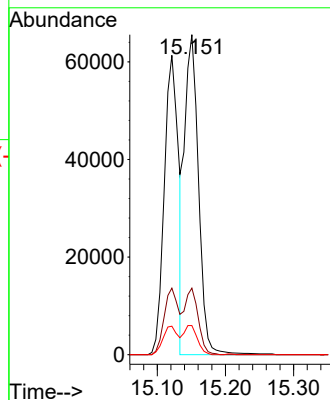
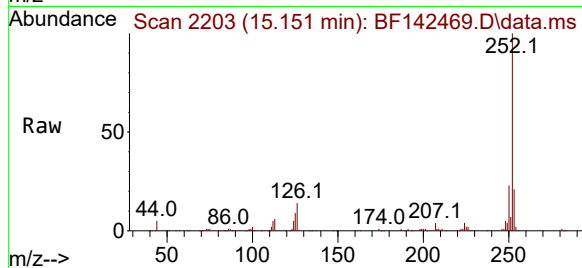
Tgt Ion:252 Resp: 93315

Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.4

125 9.1 7.3 10.9



#90

Benzo(a)pyrene

Concen: 9.684 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

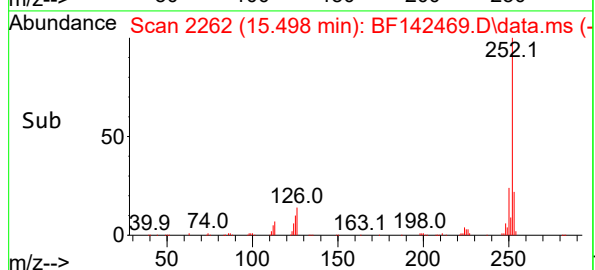
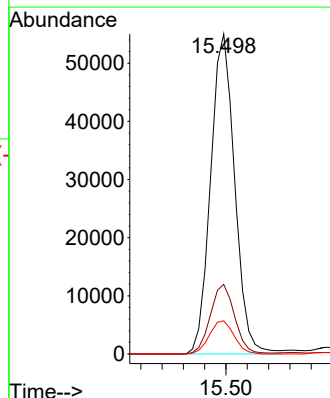
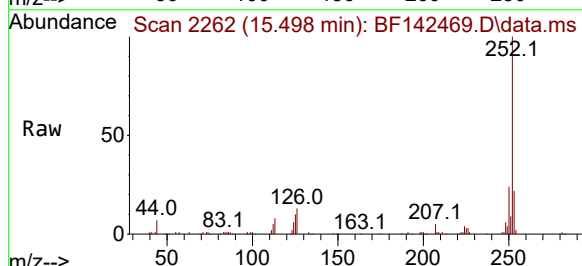
Tgt Ion:252 Resp: 86477

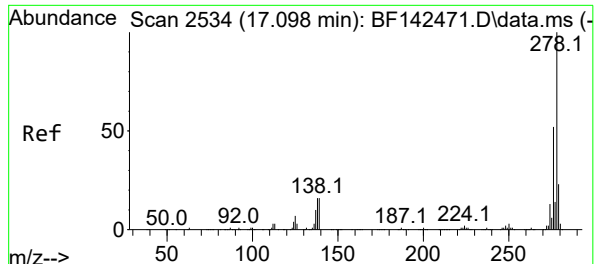
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.4 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 10.087 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF142469.D

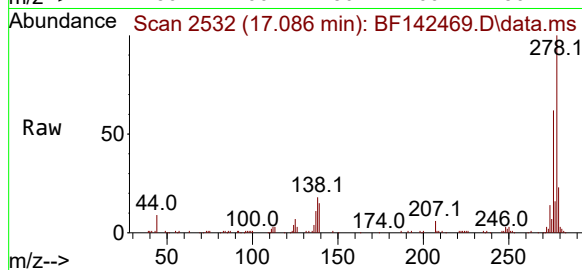
Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC010



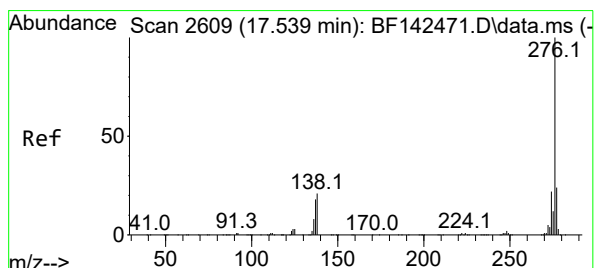
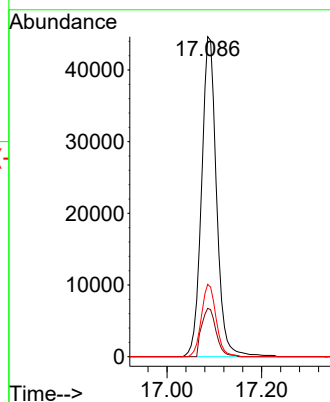
Tgt Ion:278 Resp: 98308

Ion Ratio Lower Upper

278 100

139 15.1 12.8 19.2

279 22.6 18.6 28.0



#92

Benzo(g,h,i)perylene

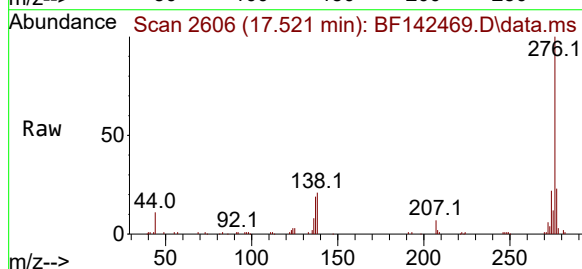
Concen: 10.016 ng

RT: 17.521 min Scan# 2606

Delta R.T. -0.035 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07



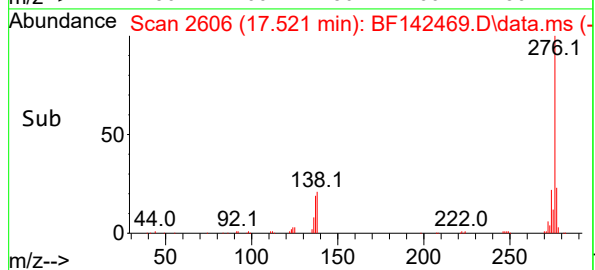
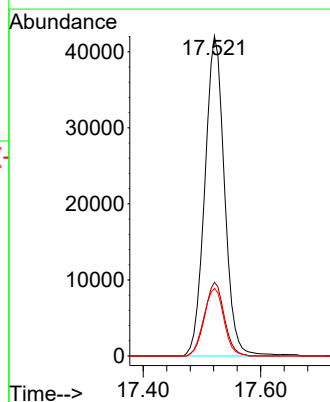
Tgt Ion:276 Resp: 97640

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 21.1 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142470.D
 Acq On : 20 May 2025 13:36
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: May 20 16:55:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	94619	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	367495	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	204113	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	353003	20.000	ng	0.00
76) Chrysene-d12	14.068	240	179495	20.000	ng	0.00
86) Perylene-d12	15.563	264	165092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	231731	41.261	ng	-0.01
7) Phenol-d6	6.516	99	276122	40.843	ng	-0.02
23) Nitrobenzene-d5	7.463	82	278514	41.326	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	95535	42.171	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	635813	41.799	ng	-0.01
79) Terphenyl-d14	13.016	244	596097	45.382	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	44822	19.944	ng	99
3) Pyridine	3.440	79	114685	20.039	ng	99
4) n-Nitrosodimethylamine	3.375	42	59347	19.972	ng	99
6) Aniline	6.557	93	185773	20.437	ng	99
8) 2-Chlorophenol	6.681	128	124465	20.347	ng	99
9) Benzaldehyde	6.451	77	91686	22.548	ng	99
10) Phenol	6.534	94	155782	20.479	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	110538	20.187	ng	99
12) 1,3-Dichlorobenzene	6.840	146	139347	20.414	ng	100
13) 1,4-Dichlorobenzene	6.916	146	141061	20.515	ng	99
14) 1,2-Dichlorobenzene	7.069	146	135845	20.647	ng	99
15) Benzyl Alcohol	7.034	79	100072	20.030	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	187668	20.408	ng	100
17) 2-Methylphenol	7.145	107	97077	20.326	ng	99
18) Hexachloroethane	7.416	117	49500	20.617	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	85172	20.328	ng	99
20) 3+4-Methylphenols	7.298	107	126511	20.685	ng	95
22) Acetophenone	7.304	105	168730	20.741	ng	99
24) Nitrobenzene	7.481	77	124202	20.433	ng	99
25) Isophorone	7.716	82	227891	20.225	ng	100
26) 2-Nitrophenol	7.798	139	66130	20.361	ng	100
27) 2,4-Dimethylphenol	7.828	122	116913	20.412	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	144952	20.593	ng	98
29) 2,4-Dichlorophenol	8.034	162	106584	20.462	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	116666	20.638	ng	97
31) Naphthalene	8.204	128	374799	20.713	ng	100
32) Benzoic acid	7.910	122	64801	18.586	ng	99
33) 4-Chloroaniline	8.251	127	152901	20.853	ng	99
34) Hexachlorobutadiene	8.322	225	72441	20.523	ng	99
35) Caprolactam	8.598	113	30374	20.762	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	109793	20.567	ng	97
37) 2-Methylnaphthalene	8.898	142	237350	20.849	ng	98
38) 1-Methylnaphthalene	8.998	142	246831	20.961	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	119980	20.477	ng	100
41) Hexachlorocyclopentadiene	9.051	237	78243	19.796	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	82857	20.971	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142470.D
 Acq On : 20 May 2025 13:36
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: May 20 16:55:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	84935	20.383	ng	98
46) 1,1'-Biphenyl	9.363	154	325474	20.553	ng	99
47) 2-Chloronaphthalene	9.386	162	240148	20.526	ng	98
48) 2-Nitroaniline	9.475	65	69068	20.424	ng	97
49) Acenaphthylene	9.804	152	413782	20.945	ng	100
50) Dimethylphthalate	9.657	163	279113	20.724	ng	100
51) 2,6-Dinitrotoluene	9.716	165	59031	20.308	ng	97
52) Acenaphthene	9.975	154	250487	20.764	ng	98
53) 3-Nitroaniline	9.886	138	66847	21.055	ng	99
54) 2,4-Dinitrophenol	9.992	184	27863	18.553	ng	# 70
55) Dibenzofuran	10.145	168	360936	20.792	ng	99
56) 4-Nitrophenol	10.039	139	49352	21.067	ng	99
57) 2,4-Dinitrotoluene	10.122	165	79063	20.827	ng	99
58) Fluorene	10.486	166	279994	20.878	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	73538	21.140	ng	99
60) Diethylphthalate	10.357	149	277325	21.084	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	137985	20.944	ng	99
62) 4-Nitroaniline	10.498	138	61856	21.481	ng	98
63) Azobenzene	10.639	77	242545	20.530	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	38757	19.673	ng	97
66) n-Nitrosodiphenylamine	10.598	169	245739	20.348	ng	98
67) 4-Bromophenyl-phenylether	10.975	248	84406	20.222	ng	96
68) Hexachlorobenzene	11.039	284	92803	20.102	ng	98
69) Atrazine	11.122	200	65656	20.471	ng	99
70) Pentachlorophenol	11.227	266	52525	20.152	ng	99
71) Phenanthrene	11.451	178	388317	20.584	ng	100
72) Anthracene	11.504	178	396704	20.604	ng	99
73) Carbazole	11.657	167	346558	21.055	ng	99
74) Di-n-butylphthalate	11.986	149	382324	21.221	ng	100
75) Fluoranthene	12.639	202	371226	21.059	ng	99
77) Benzidine	12.763	184	162031	24.258	ng	99
78) Pyrene	12.869	202	370789	22.144	ng	99
80) Butylbenzylphthalate	13.486	149	94290	20.379	ng	99
81) Benzo(a)anthracene	14.057	228	251858	21.013	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	72218	19.865	ng	99
83) Chrysene	14.098	228	214213	19.890	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	111015	18.743	ng	100
85) Di-n-octyl phthalate	14.663	149	198800	17.166	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	261271	21.080	ng	99
88) Benzo(b)fluoranthene	15.121	252	213487	21.849	ng	99
89) Benzo(k)fluoranthene	15.151	252	170316	18.611	ng	100
90) Benzo(a)pyrene	15.498	252	183983	19.976	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	210557	20.946	ng	99
92) Benzo(g,h,i)perylene	17.527	276	209719	20.859	ng	98

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

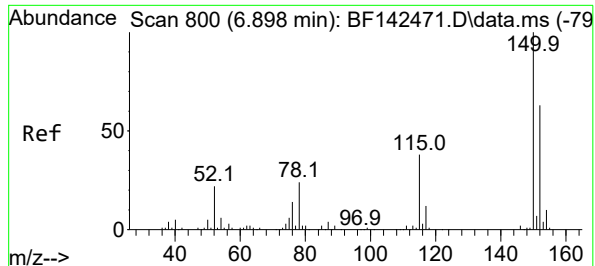
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

TIC: BF142470.D\data.ms

Abundance

Time-->

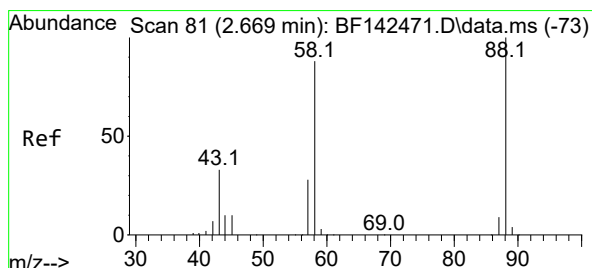
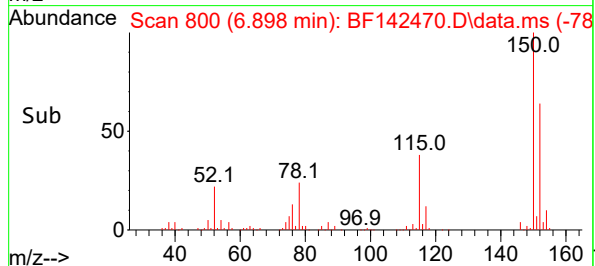
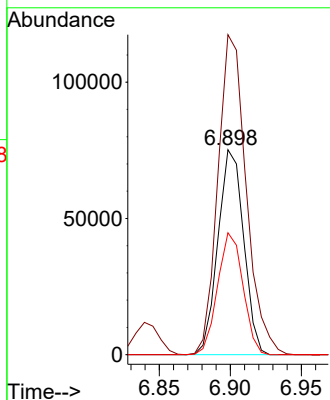
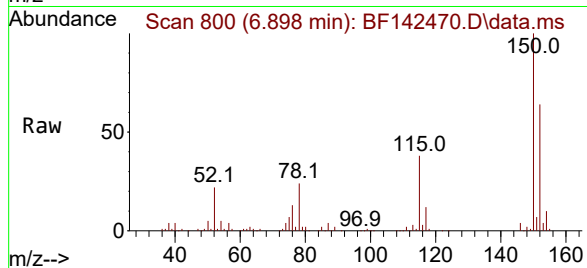
1,4-Dioxane
n-Nitrosodipropylamine,
Phenol-d6, S
2-Fluorophenol, S
Benzaldehyde, C
bis(2-Chloroethyl)amine, P
Phenol-d6, S
1,8-Dichloronaphthalene
Benzene-d6, I
2,2'-oxybis[1-chloroethanol]
Hexachlorocyclopentadiene, C
Nitrobenzene-d5, S
Isobutylene
2-Nitrophenol, C
Bis(2-chloroethyl)amine, P
1,3-Dichlorobenzene
4-Chloro-3-methylphenol, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylpropanal
2-Chloronaphthalene
2,4-Dinitrotoluene
Dimethylphthalate
Acenaphthylene
Acenaphthene
Dibenzofuran
2,3,4,6-Tetrachlorophthalate
Diarylether
Azobisisobutyronitrile
4-Nitro-2-methylphenol
4-Nitro-2-methylphenylamine, c
4-Nitrophenol, S
Phenanthrene
Carbazole
Di-n-butylphthalate
Fluoranthene, C
Pyrene
Terphenyl-d14, S
Benzidine
Butylbenzylphthalate
3,3'-Dichlorobenzidine, C
Chrysene
2-Chlorobenzoic acid
Di-n-octyl phthalate, c
Benzo(a)fluoranthene
Benzo(b)fluoranthene, C
Perylene
Dibenz(a,h)anthracene
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

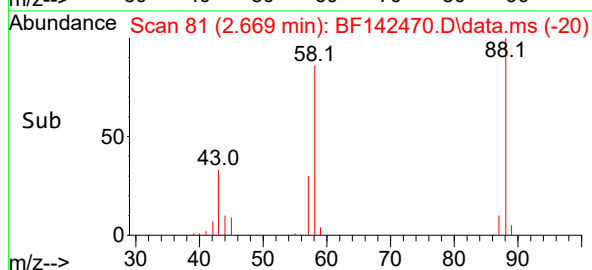
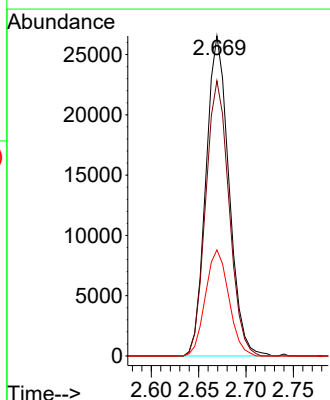
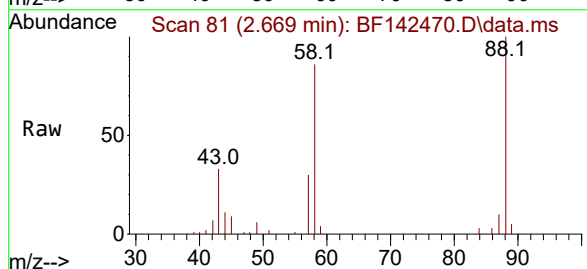
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

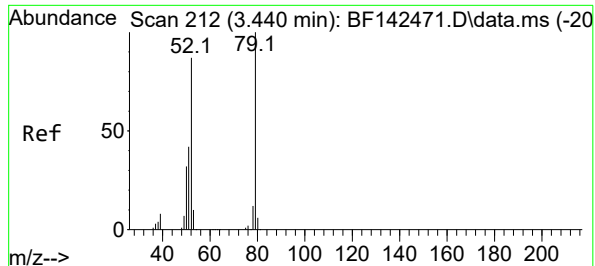
Tgt Ion:152 Resp: 94619
Ion Ratio Lower Upper
152 100
150 156.2 128.2 192.4
115 59.5 48.3 72.5



#2
1,4-Dioxane
Concen: 19.944 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 88 Resp: 44822
Ion Ratio Lower Upper
88 100
58 87.2 70.8 106.2
43 33.7 26.6 40.0

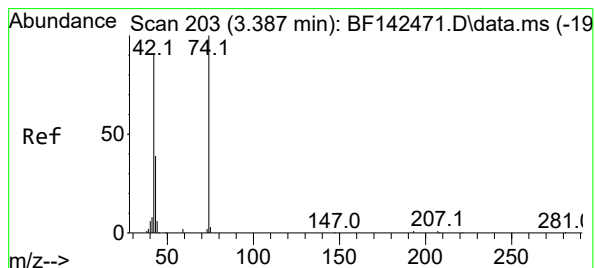
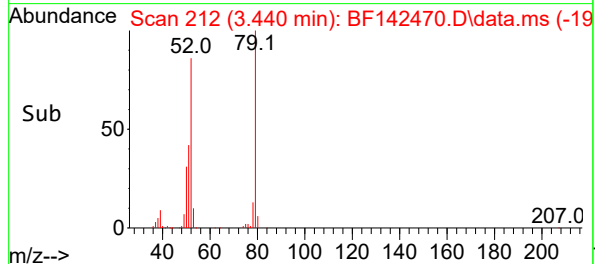
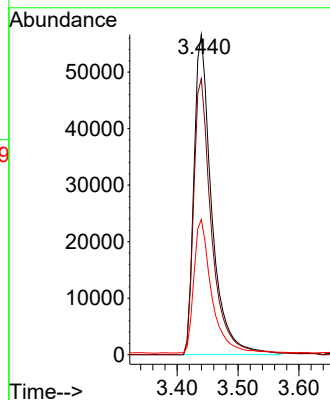
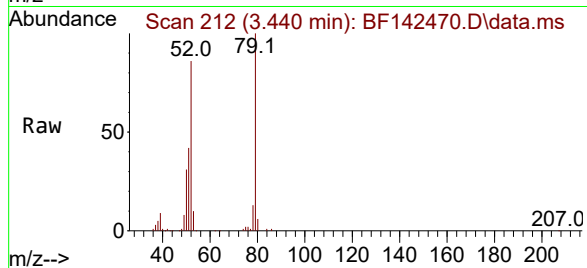




#3
Pyridine
Concen: 20.039 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

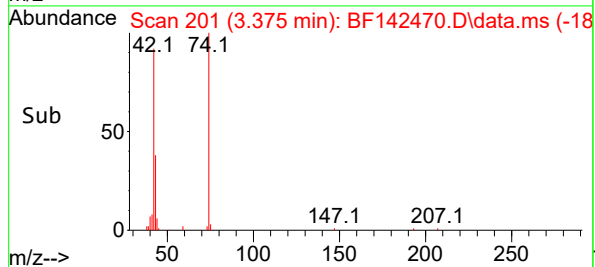
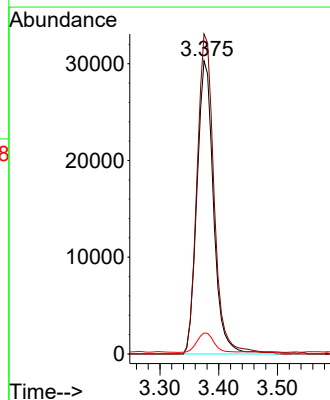
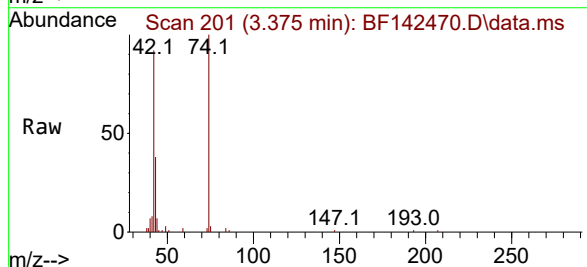
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

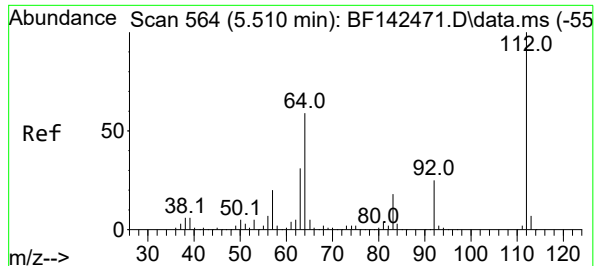
Tgt Ion: 79 Resp: 114685
Ion Ratio Lower Upper
79 100
52 86.3 69.2 103.8
51 42.3 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 19.972 ng
RT: 3.375 min Scan# 201
Delta R.T. -0.029 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 42 Resp: 59347
Ion Ratio Lower Upper
42 100
74 109.2 88.2 132.4
44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 41.261 ng

RT: 5.504 min Scan# 5

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

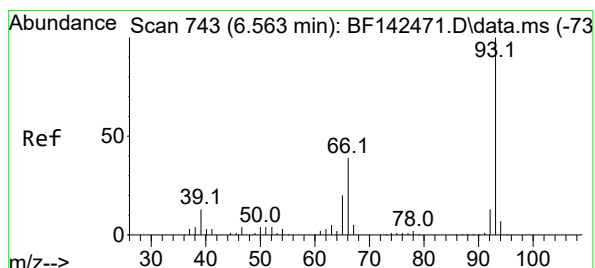
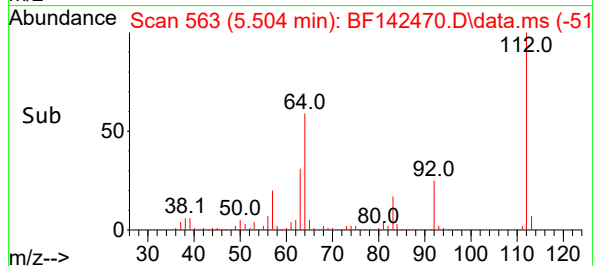
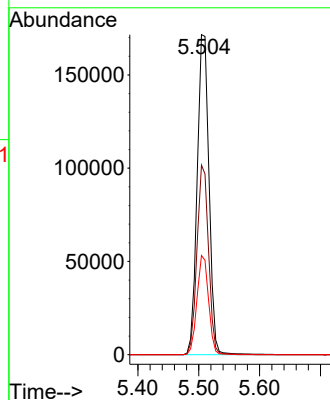
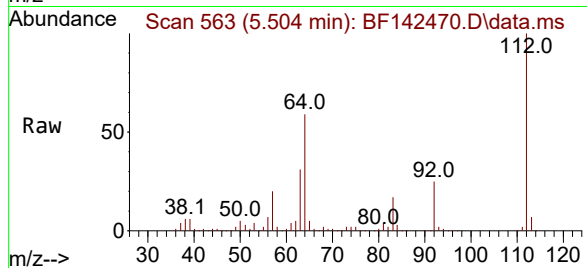
Tgt Ion:112 Resp: 231731

Ion Ratio Lower Upper

112 100

64 59.3 47.5 71.3

63 31.0 24.9 37.3



#6

Aniline

Concen: 20.437 ng

RT: 6.557 min Scan# 742

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

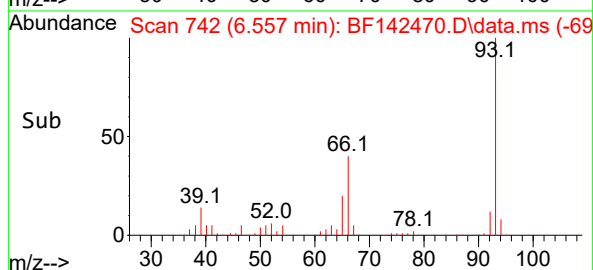
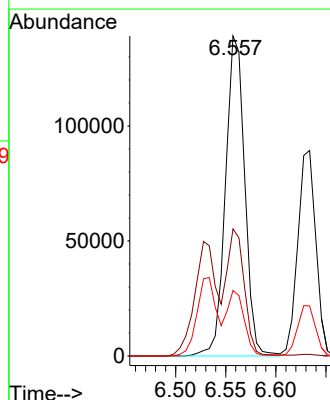
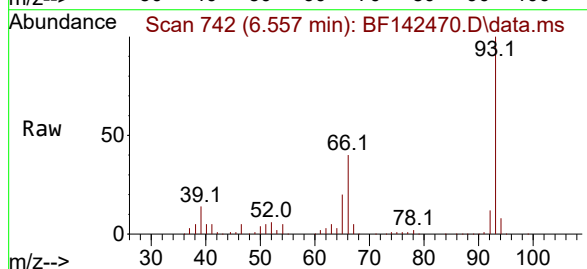
Tgt Ion: 93 Resp: 185773

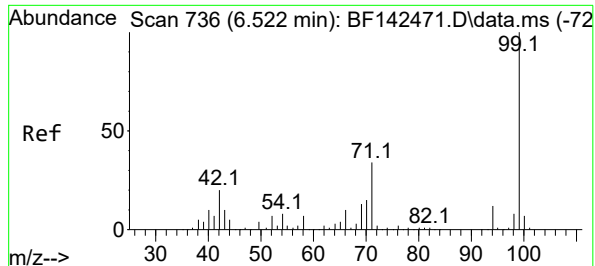
Ion Ratio Lower Upper

93 100

66 39.7 32.0 48.0

65 20.5 16.1 24.1





#7

Phenol-d6

Concen: 40.843 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

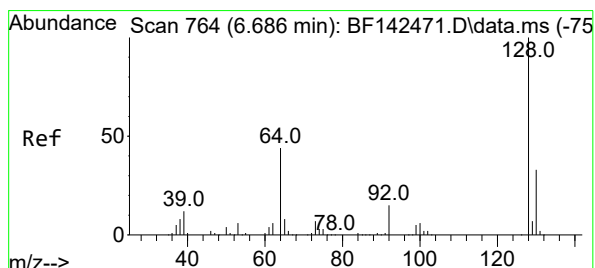
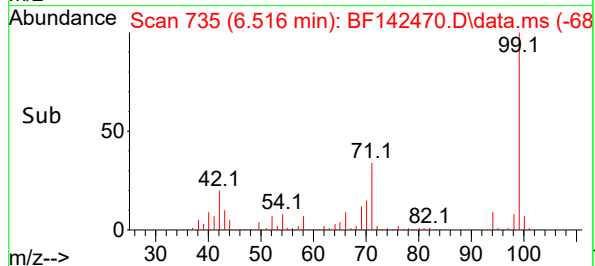
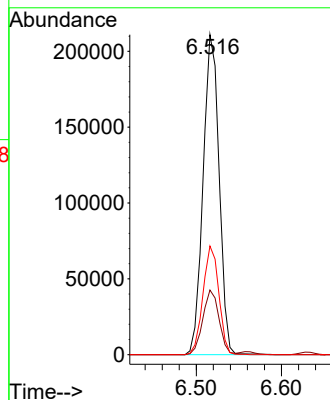
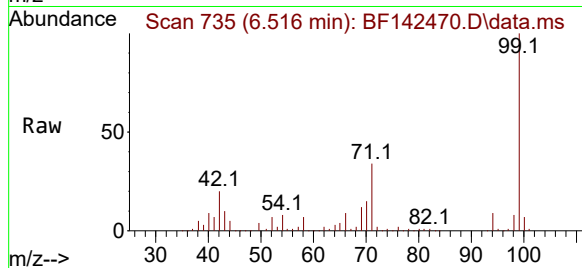
Tgt Ion: 99 Resp: 276122

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.2

71 34.0 27.3 40.9



#8

2-Chlorophenol

Concen: 20.347 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

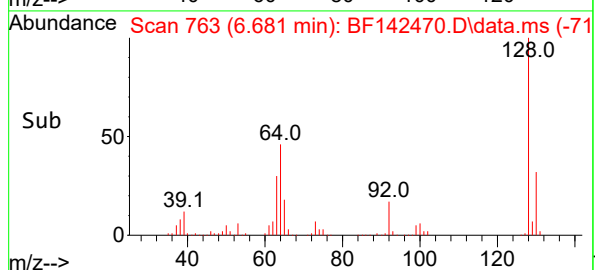
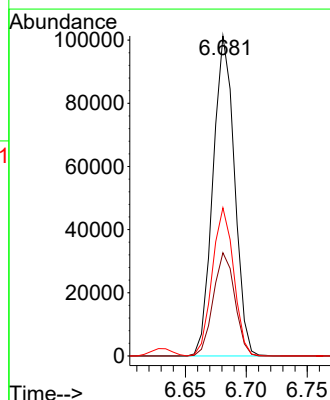
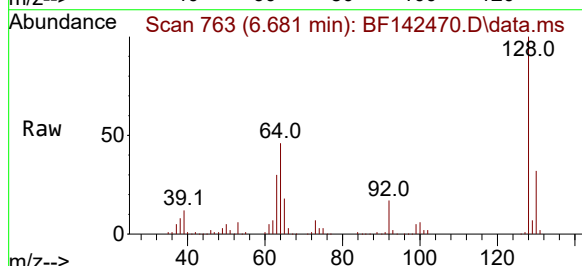
Tgt Ion:128 Resp: 124465

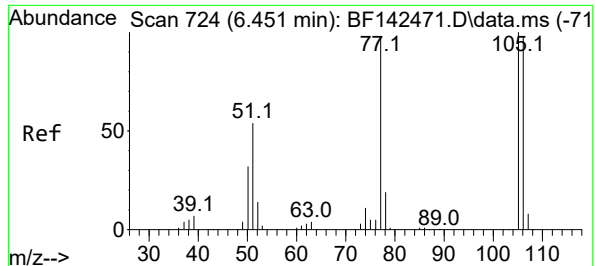
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 46.3 25.1 65.1





#9

Benzaldehyde

Concen: 22.548 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

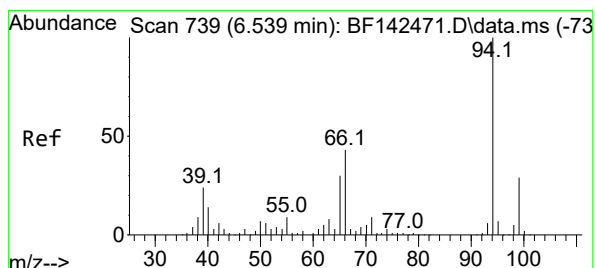
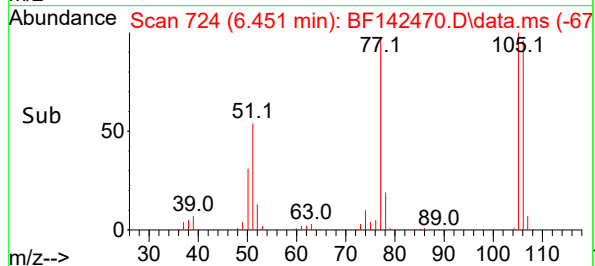
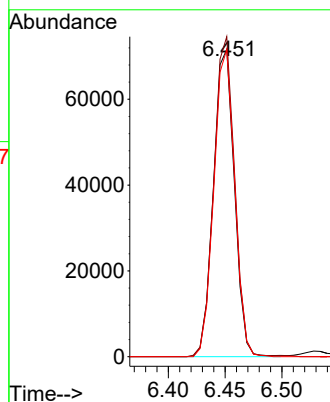
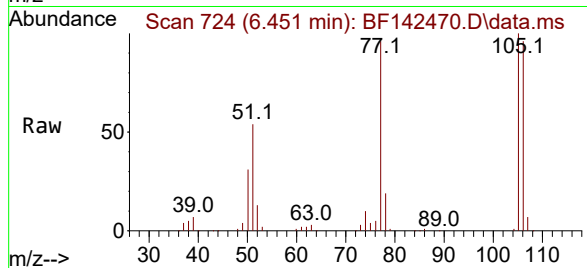
Tgt Ion: 77 Resp: 91686

Ion Ratio Lower Upper

77 100

105 104.1 82.5 122.5

106 100.0 80.0 120.0



#10

Phenol

Concen: 20.479 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.018 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

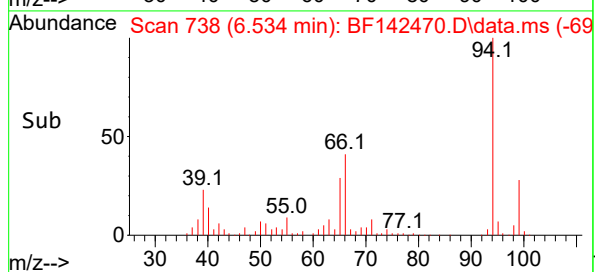
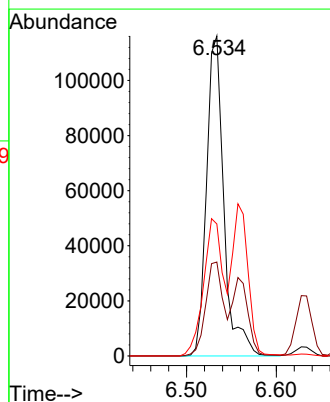
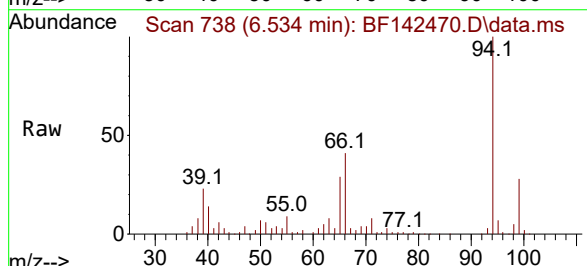
Tgt Ion: 94 Resp: 155782

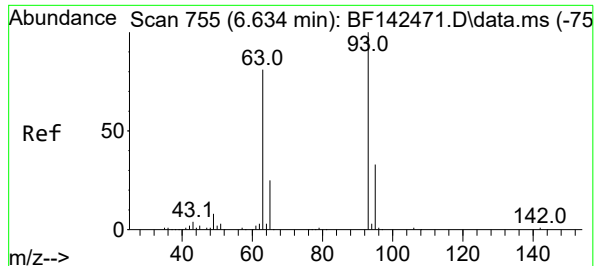
Ion Ratio Lower Upper

94 100

65 29.3 10.3 50.3

66 41.2 22.6 62.6

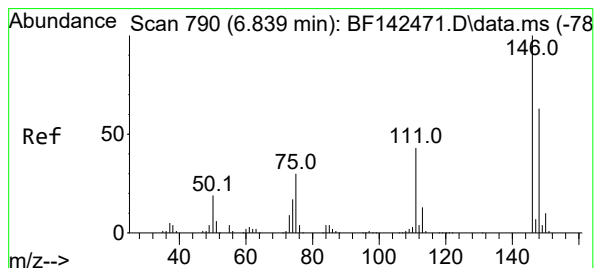
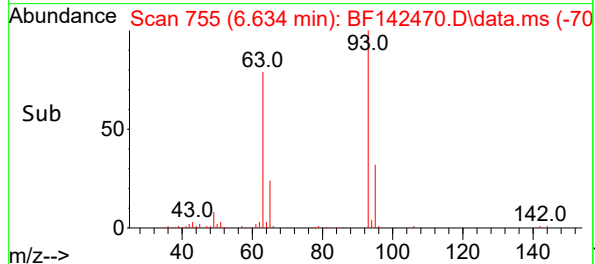
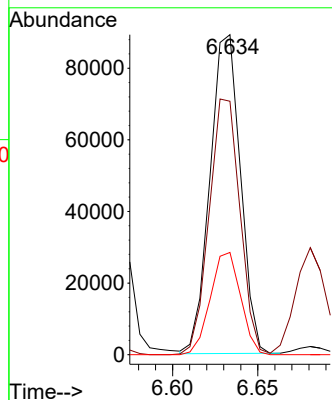
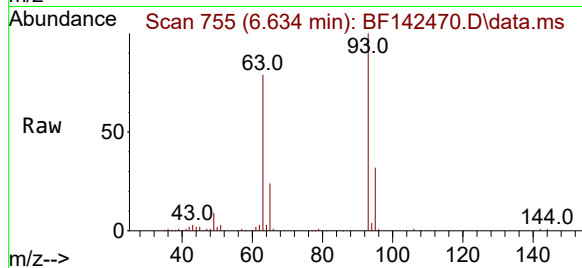




#11
bis(2-Chloroethyl)ether
Concen: 20.187 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

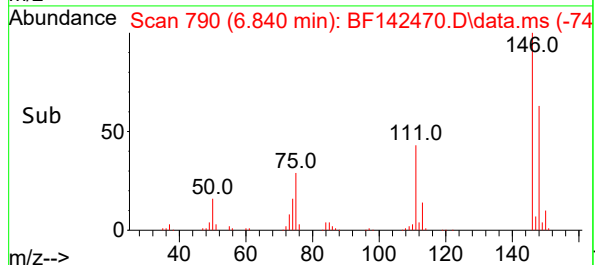
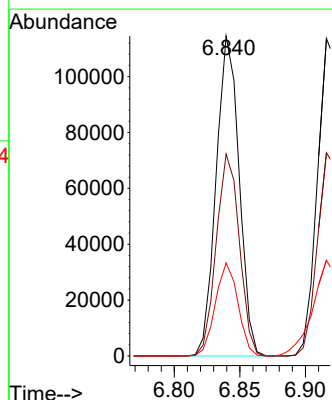
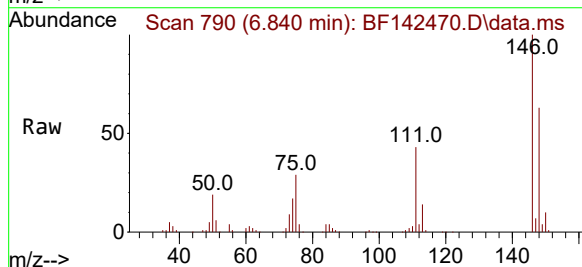
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

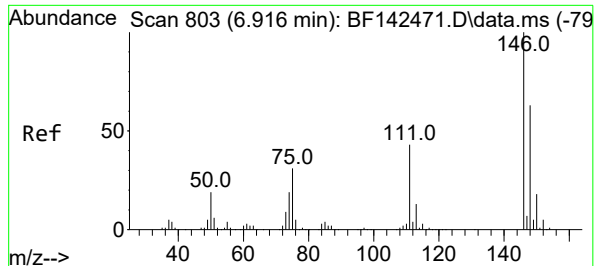
Tgt Ion: 93 Resp: 110538
Ion Ratio Lower Upper
93 100
63 79.2 60.2 100.2
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 20.414 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 146 Resp: 139347
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
75 29.0 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 20.515 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

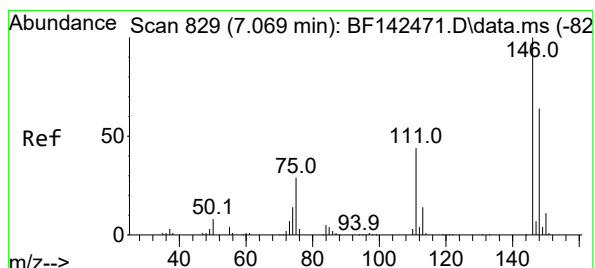
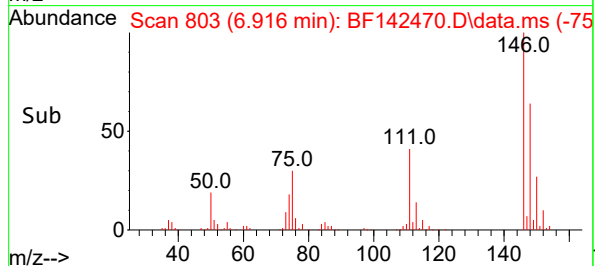
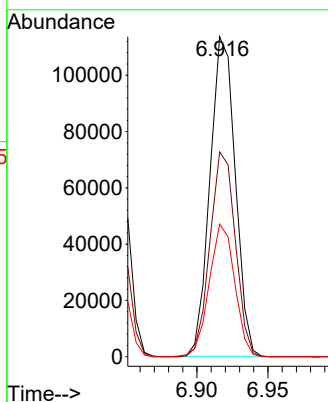
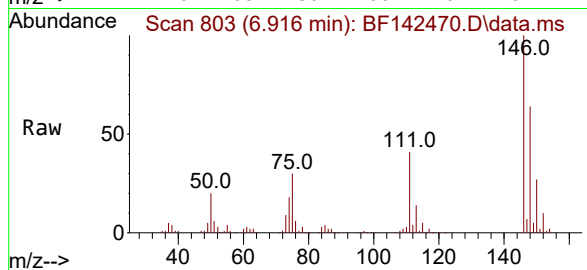
Tgt Ion:146 Resp: 141061

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

111 41.4 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 20.647 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

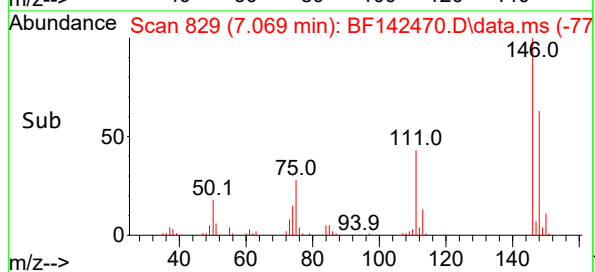
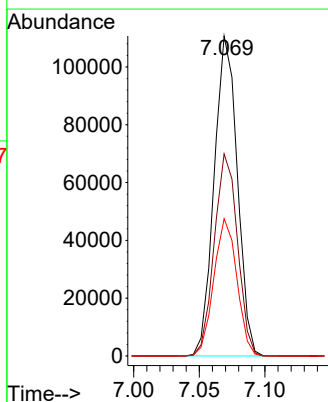
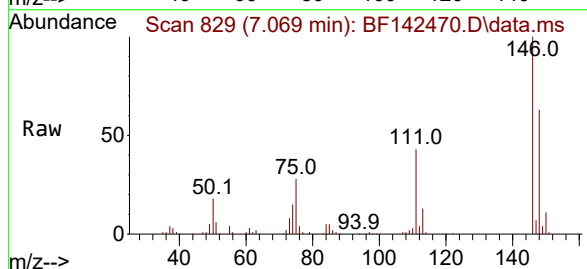
Tgt Ion:146 Resp: 135845

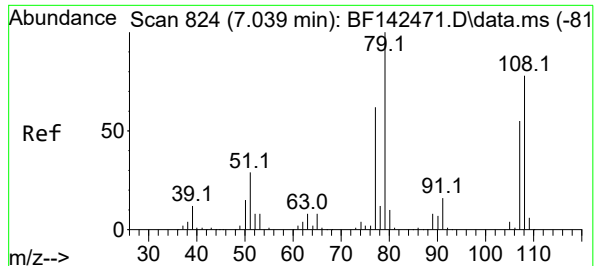
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

111 42.9 35.0 52.6





#15

Benzyl Alcohol

Concen: 20.030 ng

RT: 7.034 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

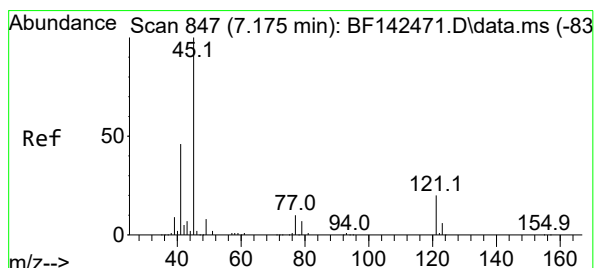
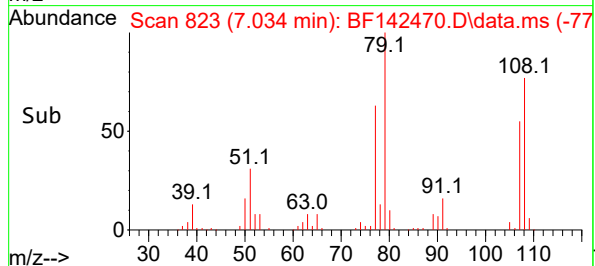
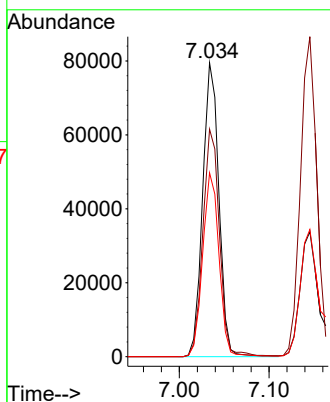
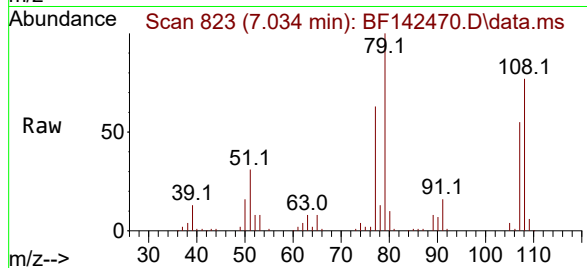
Tgt Ion: 79 Resp: 100072

Ion Ratio Lower Upper

79 100

108 77.4 62.1 93.1

77 62.5 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.408 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

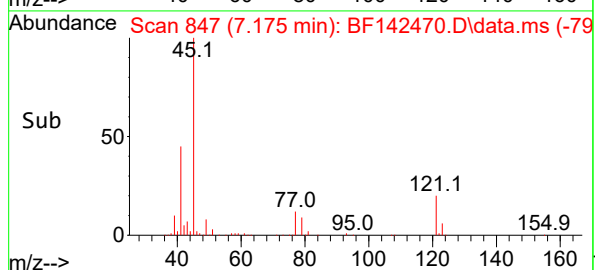
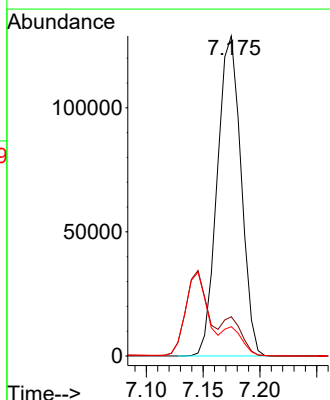
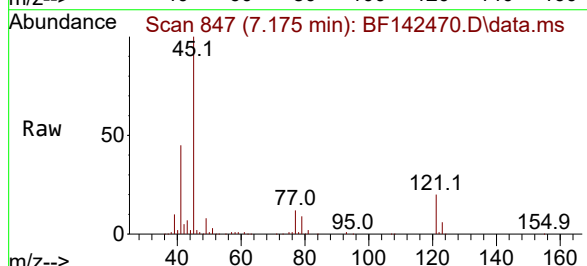
Tgt Ion: 45 Resp: 187668

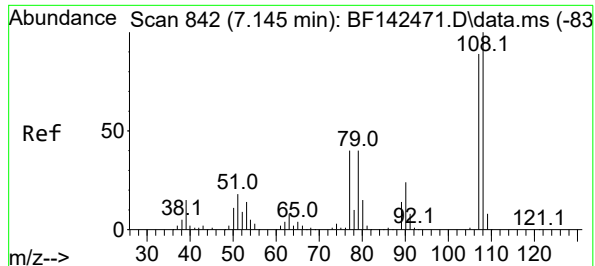
Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.0

79 9.2 0.0 29.2

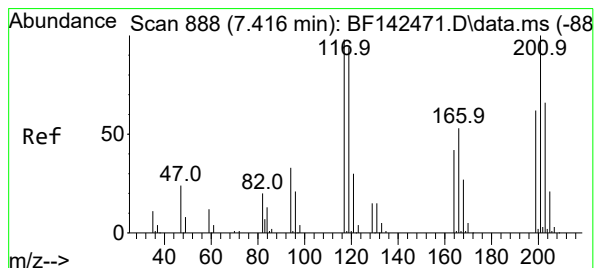
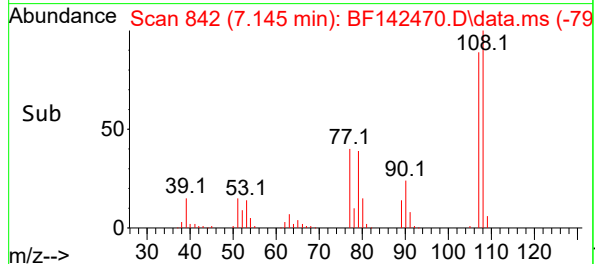
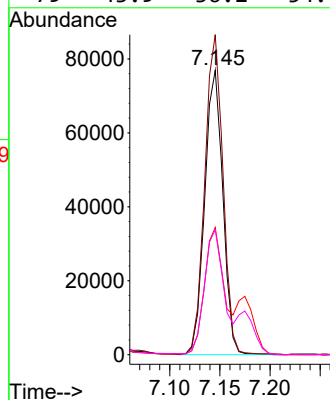
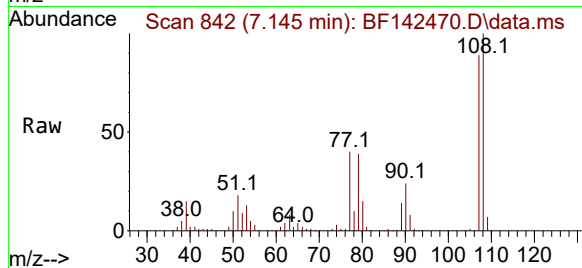




#17
2-Methylphenol
Concen: 20.326 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

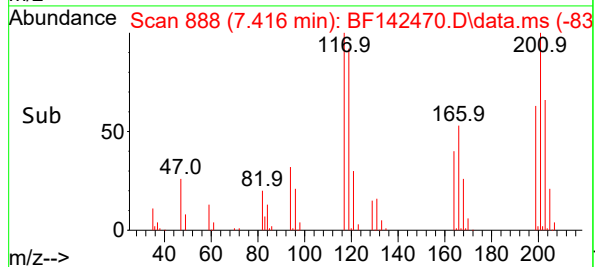
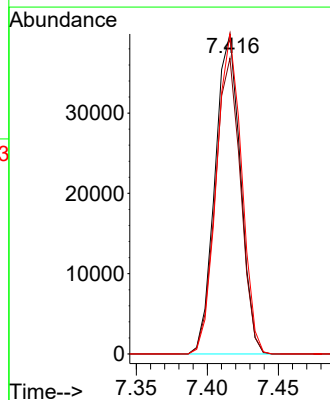
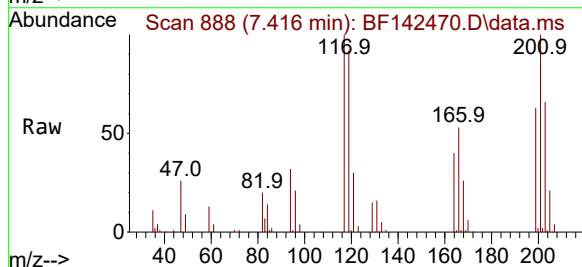
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

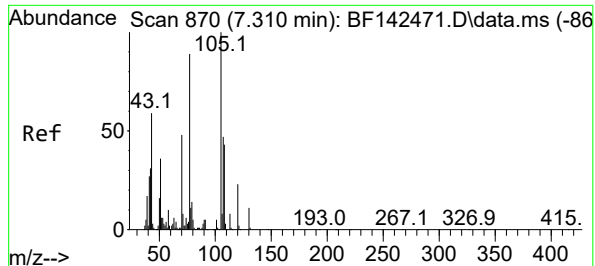
Tgt Ion:107 Resp: 97077
Ion Ratio Lower Upper
107 100
108 112.5 90.2 135.2
77 44.7 36.1 54.1
79 43.9 36.2 54.4



#18
Hexachloroethane
Concen: 20.617 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:117 Resp: 49500
Ion Ratio Lower Upper
117 100
119 92.4 76.6 114.8
201 99.9 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 20.328 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.023 min

Lab File: BF142470.D

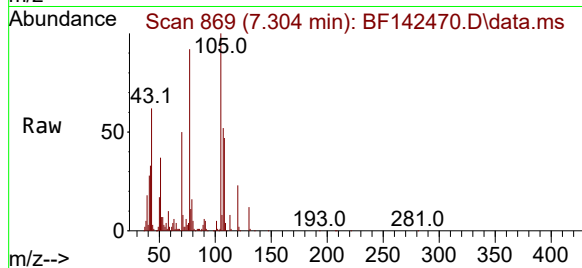
Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 85172

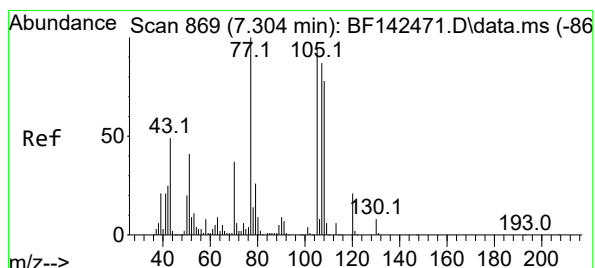
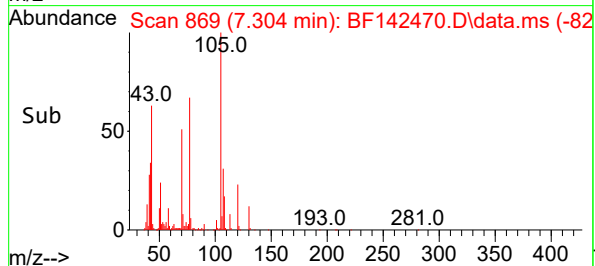
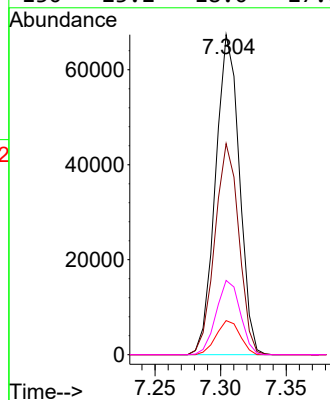
Ion Ratio Lower Upper

70 100

42 66.0 52.4 78.6

101 10.7 7.8 11.8

130 23.2 18.0 27.0



#20

3+4-Methylphenols

Concen: 20.685 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Tgt Ion: 107 Resp: 126511

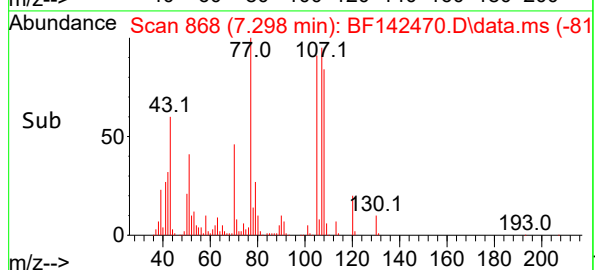
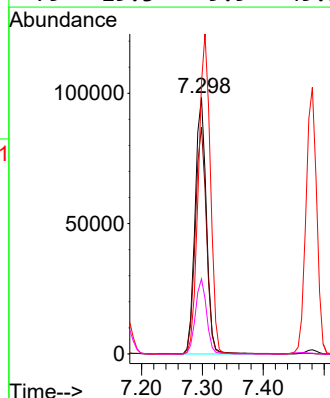
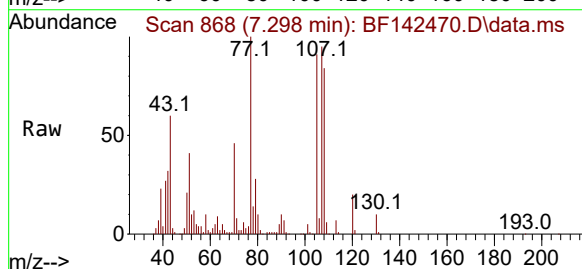
Ion Ratio Lower Upper

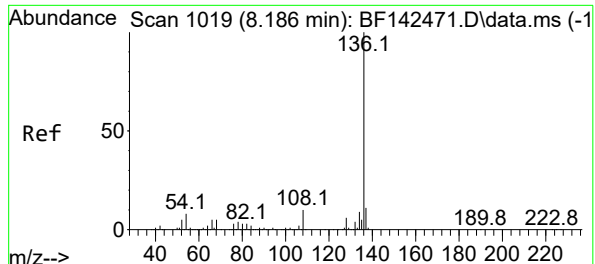
107 100

108 88.5 70.4 110.4

77 105.7 95.4 135.4

79 29.3 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 367495

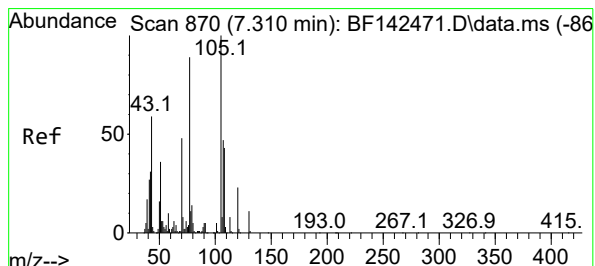
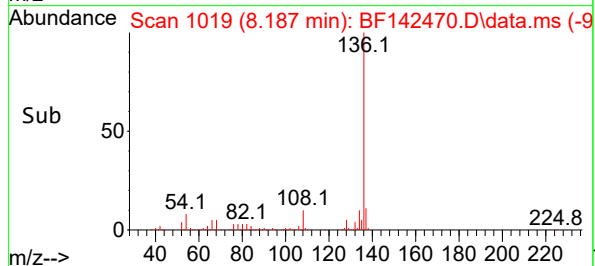
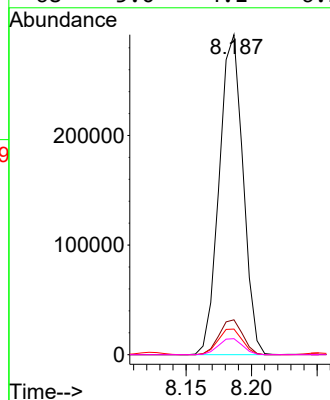
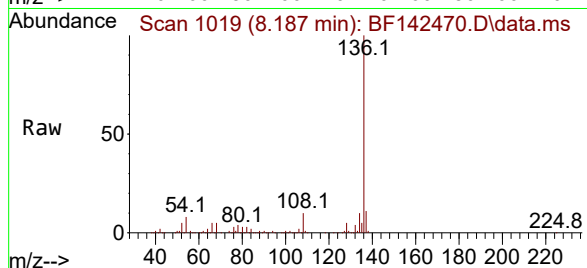
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.0 6.6 10.0

68 5.0 4.1 6.1



#22

Acetophenone

Concen: 20.741 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Tgt Ion:105 Resp: 168730

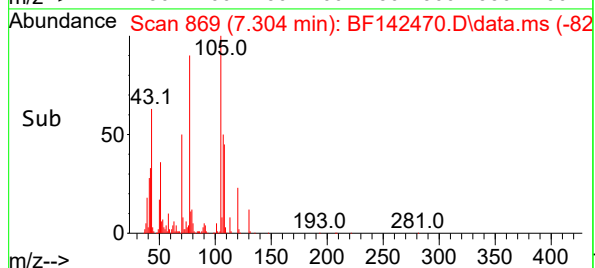
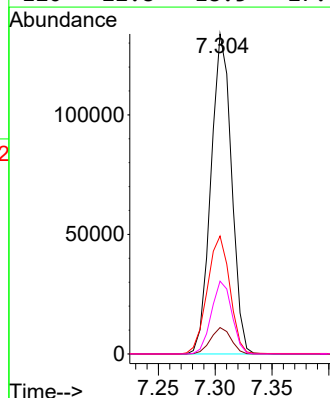
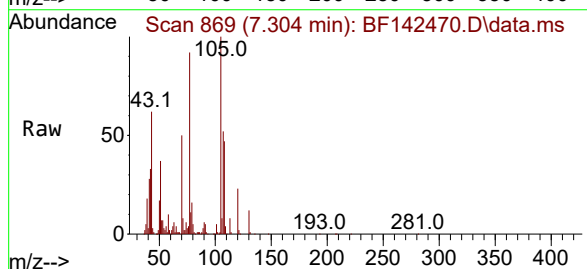
Ion Ratio Lower Upper

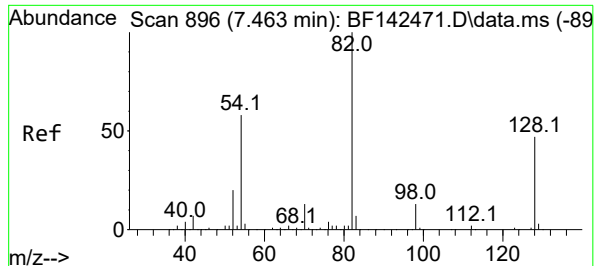
105 100

71 8.2 6.4 9.6

51 36.9 28.6 42.8

120 22.8 18.5 27.7





#23

Nitrobenzene-d5

Concen: 41.326 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

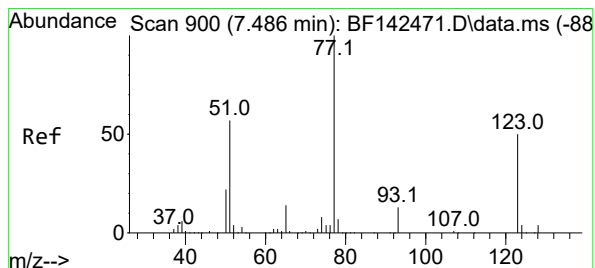
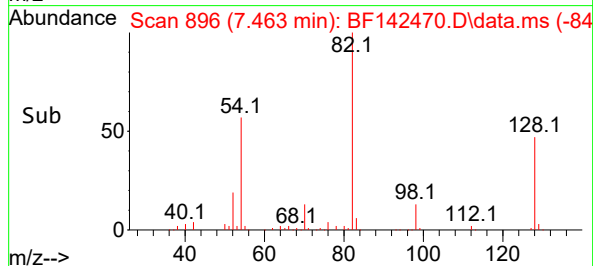
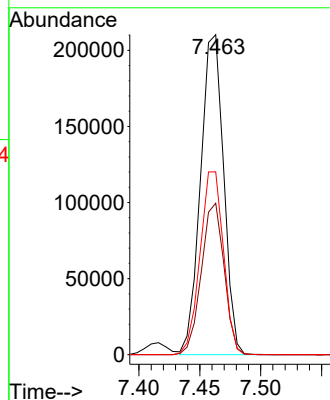
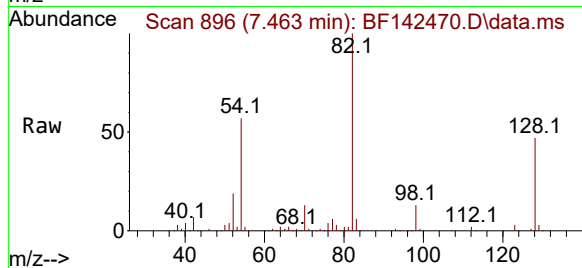
Tgt Ion: 82 Resp: 278514

Ion Ratio Lower Upper

82 100

128 47.3 37.4 56.2

54 57.2 46.6 70.0



#24

Nitrobenzene

Concen: 20.433 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

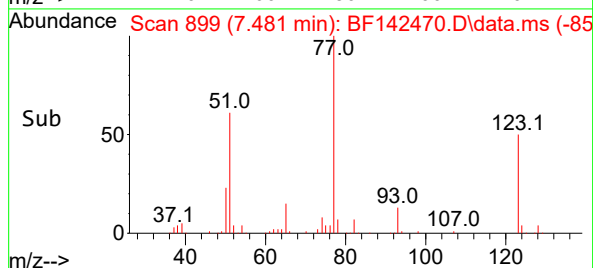
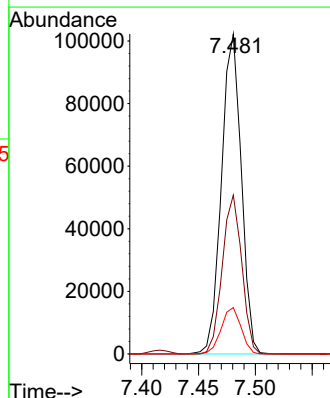
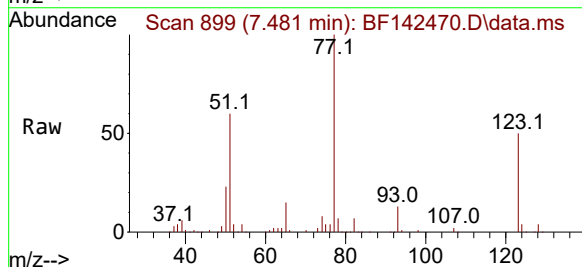
Tgt Ion: 77 Resp: 124202

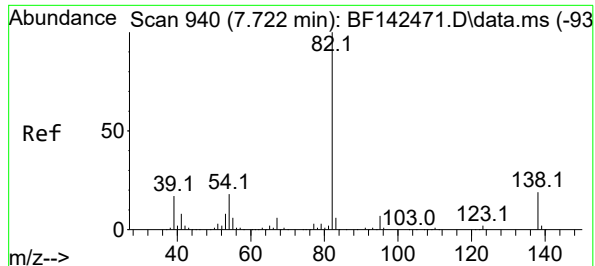
Ion Ratio Lower Upper

77 100

123 49.6 40.6 61.0

65 14.5 11.4 17.2





#25

Isophorone

Concen: 20.225 ng

RT: 7.716 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

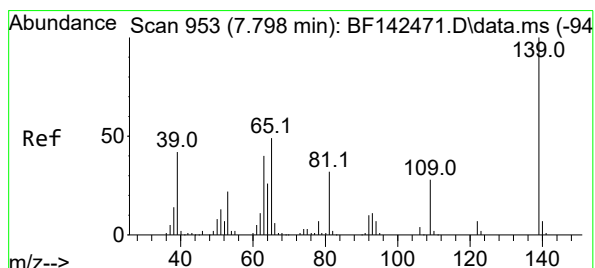
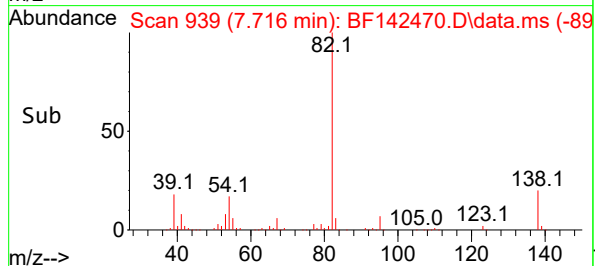
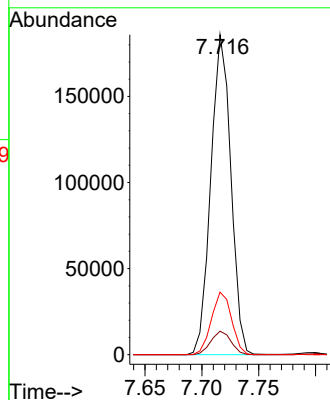
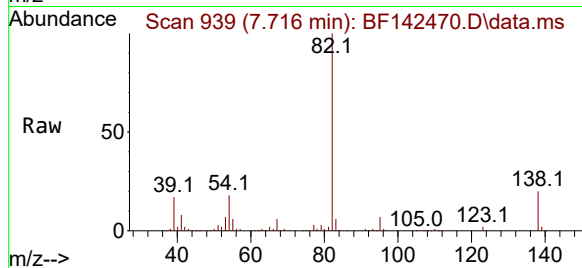
Tgt Ion: 82 Resp: 227891

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

138 19.6 15.5 23.3



#26

2-Nitrophenol

Concen: 20.361 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

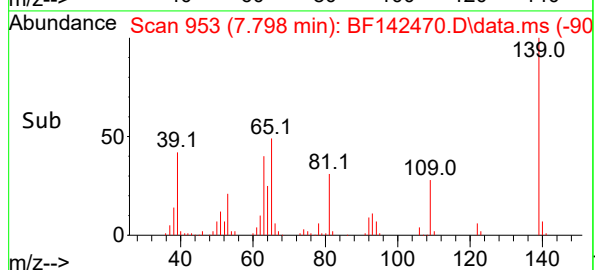
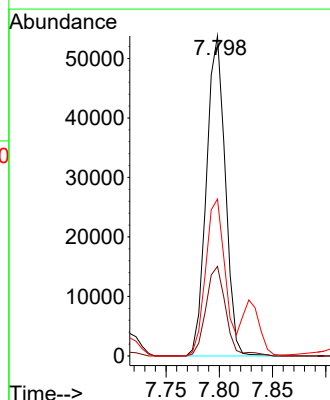
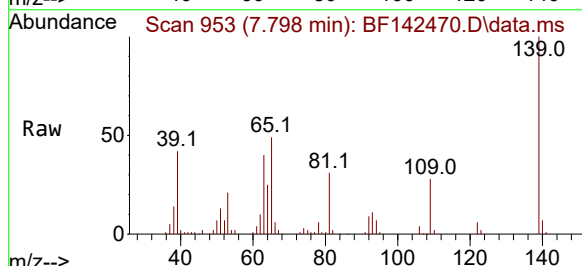
Tgt Ion:139 Resp: 66130

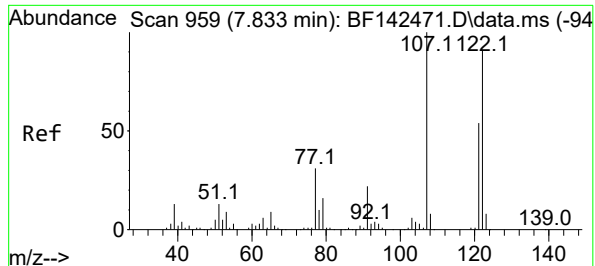
Ion Ratio Lower Upper

139 100

109 28.0 22.6 33.8

65 49.1 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 20.412 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

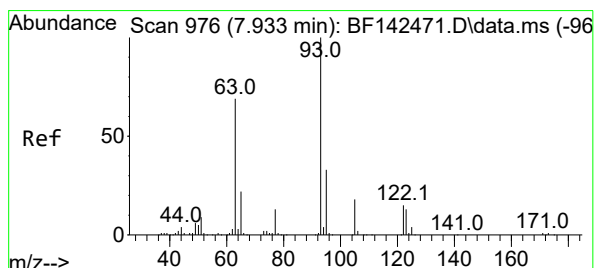
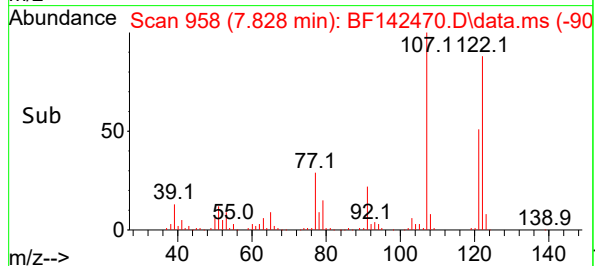
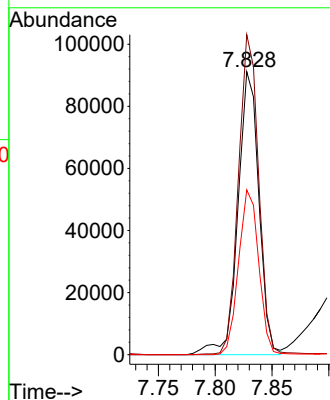
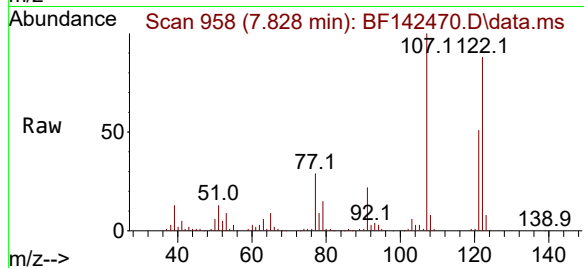
Tgt Ion:122 Resp: 116913

Ion Ratio Lower Upper

122 100

107 113.0 88.1 132.1

121 58.2 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 20.593 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

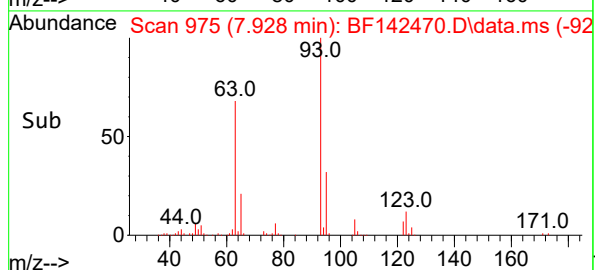
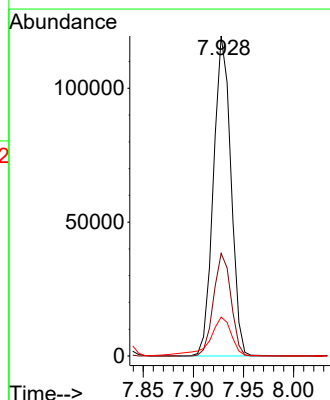
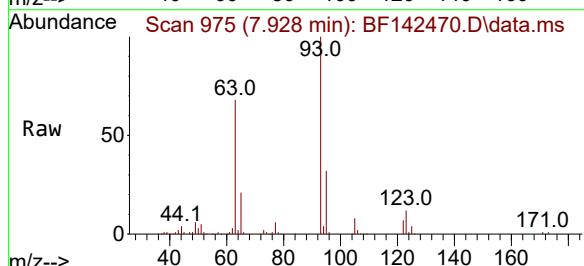
Tgt Ion: 93 Resp: 144952

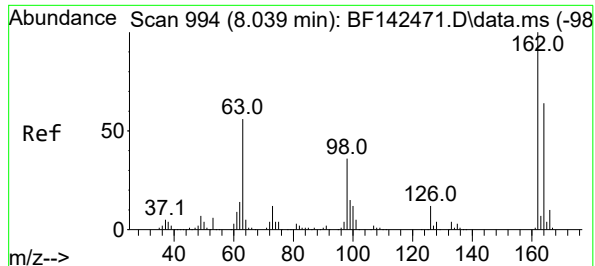
Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

123 12.2 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 20.462 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

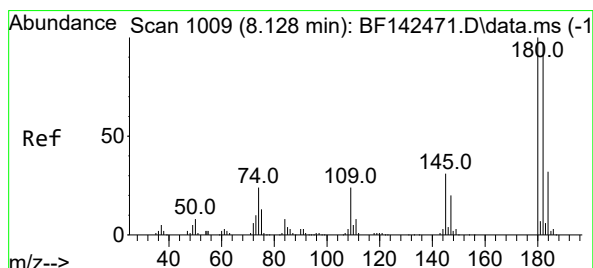
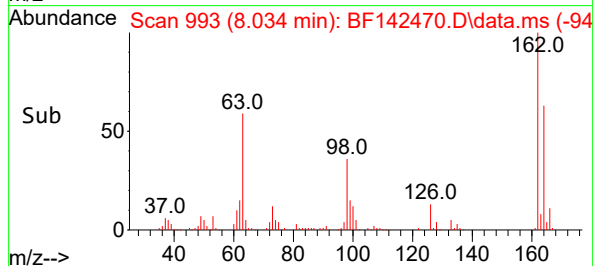
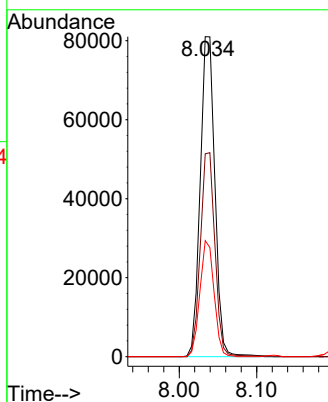
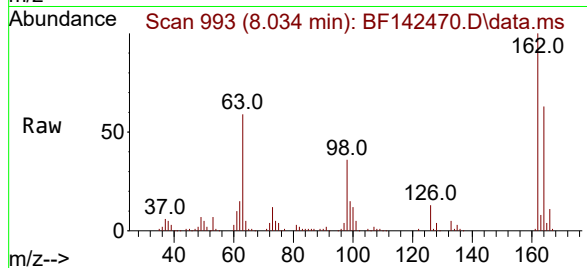
Tgt Ion:162 Resp: 106584

Ion Ratio Lower Upper

162 100

164 63.4 43.7 83.7

98 36.3 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 20.638 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

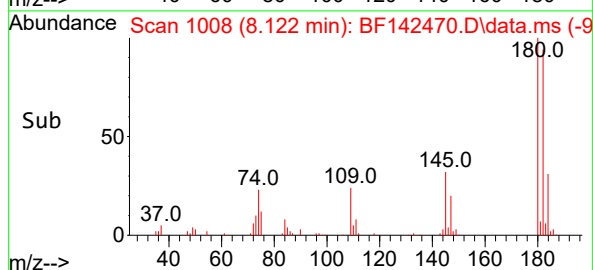
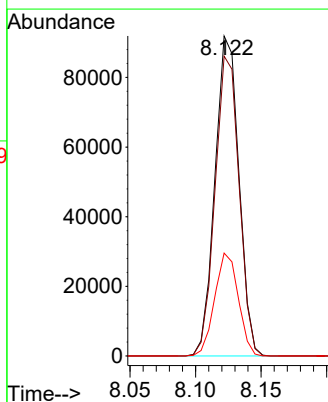
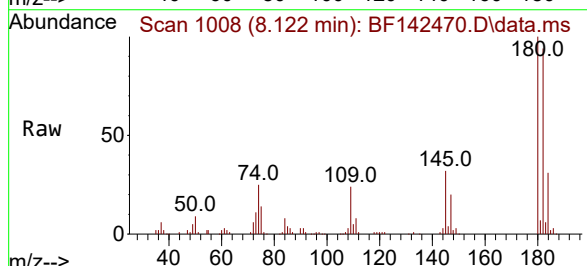
Tgt Ion:180 Resp: 116666

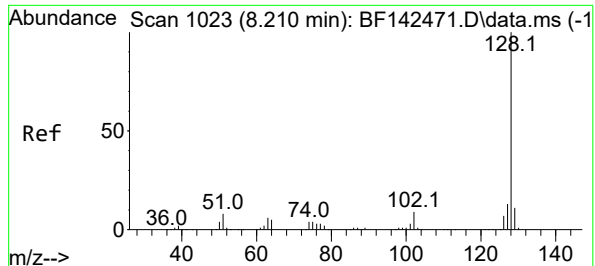
Ion Ratio Lower Upper

180 100

182 93.7 78.0 117.0

145 32.2 25.0 37.6





#31

Naphthalene

Concen: 20.713 ng

RT: 8.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

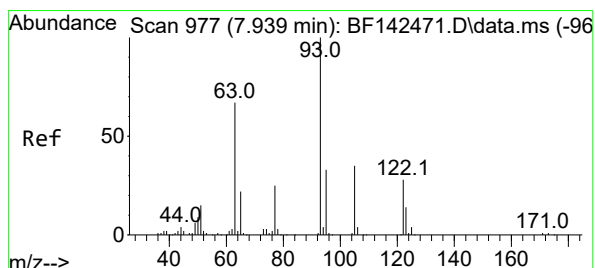
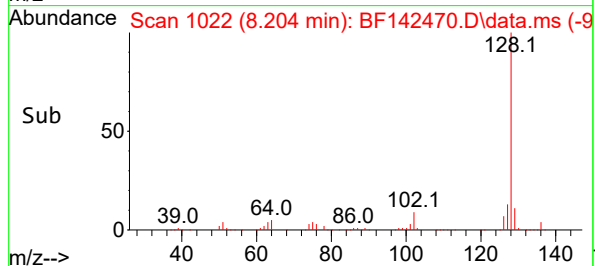
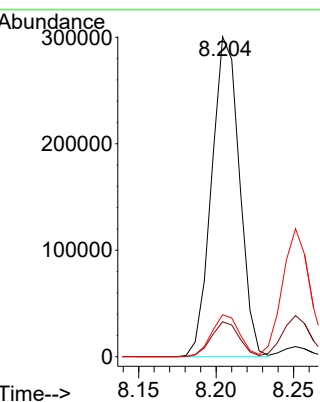
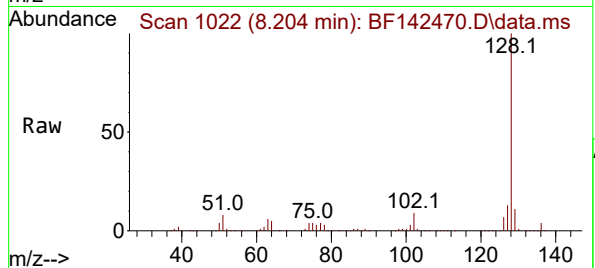
Tgt Ion:128 Resp: 374799

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 18.586 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.065 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

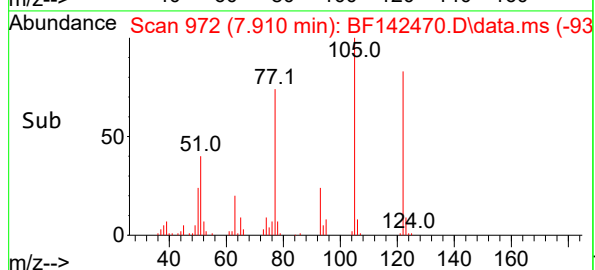
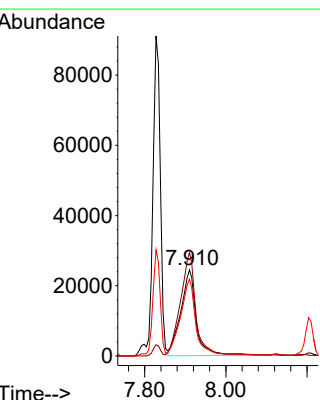
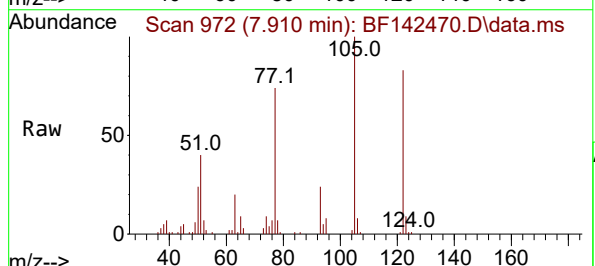
Tgt Ion:122 Resp: 64801

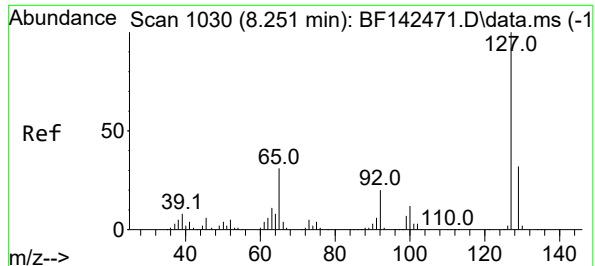
Ion Ratio Lower Upper

122 100

105 120.5 101.7 141.7

77 89.3 69.5 109.5





#33

4-Chloroaniline

Concen: 20.853 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 152901

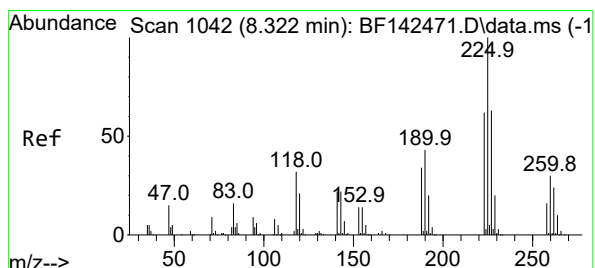
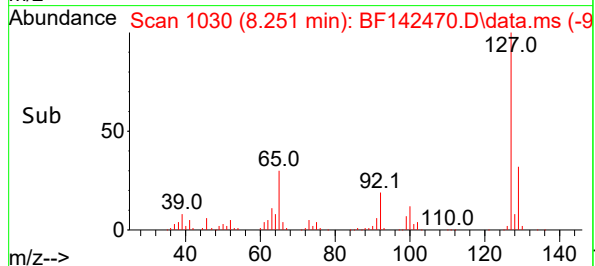
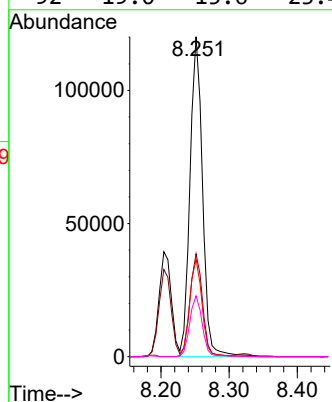
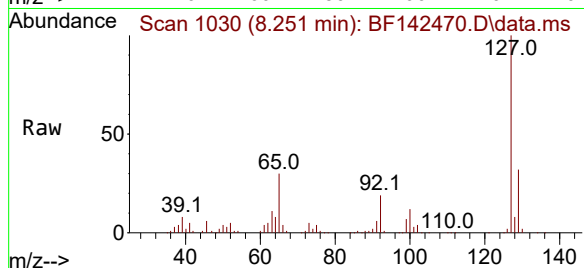
Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

65 30.4 24.9 37.3

92 19.0 15.6 23.4



#34

Hexachlorobutadiene

Concen: 20.523 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

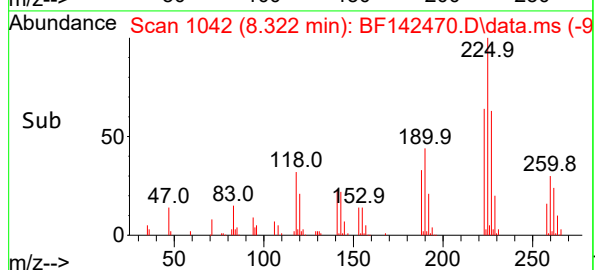
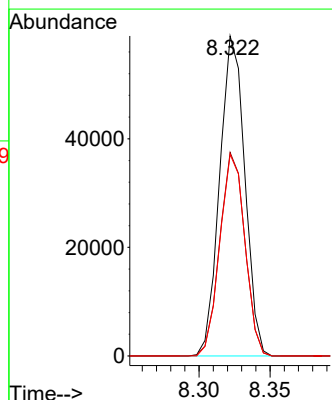
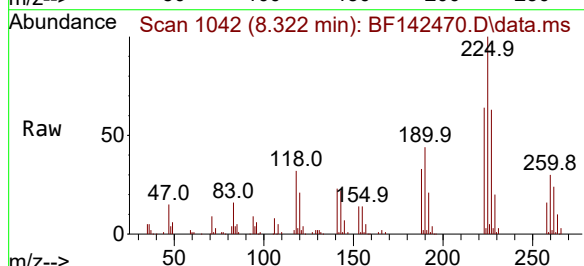
Tgt Ion:225 Resp: 72441

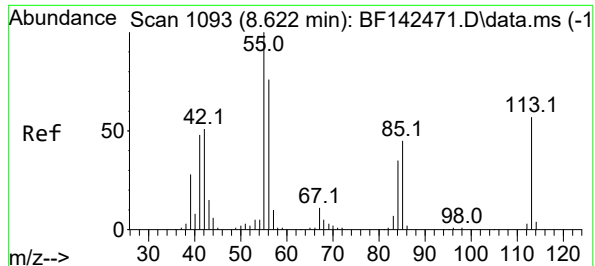
Ion Ratio Lower Upper

225 100

223 63.6 49.7 74.5

227 63.0 50.3 75.5





#35

Caprolactam

Concen: 20.762 ng

RT: 8.598 min Scan# 1089

Delta R.T. -0.047 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

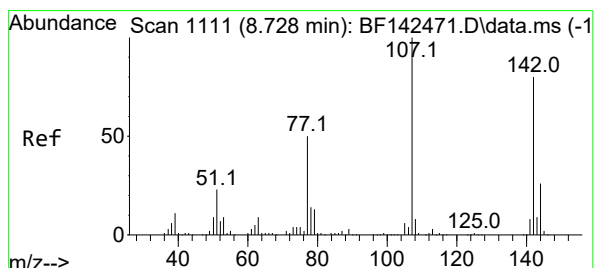
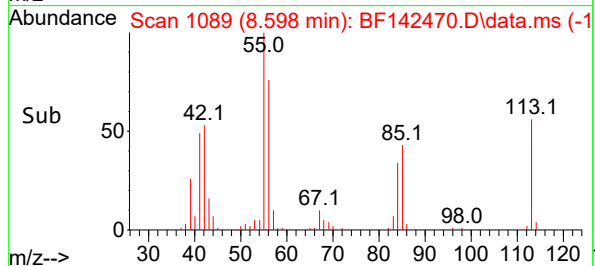
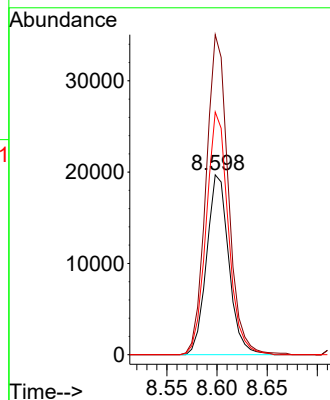
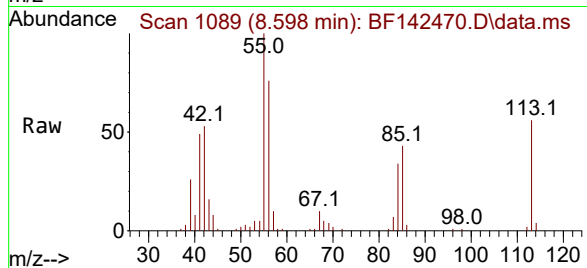
Tgt Ion:113 Resp: 30374

Ion Ratio Lower Upper

113 100

55 178.0 154.7 194.7

56 135.0 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 20.567 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

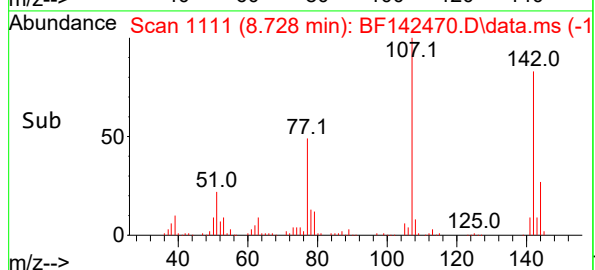
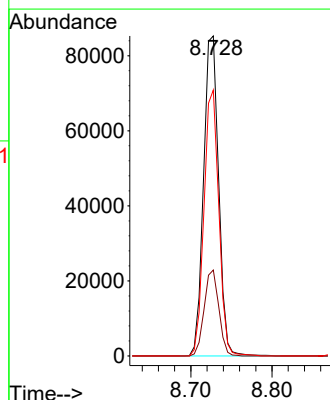
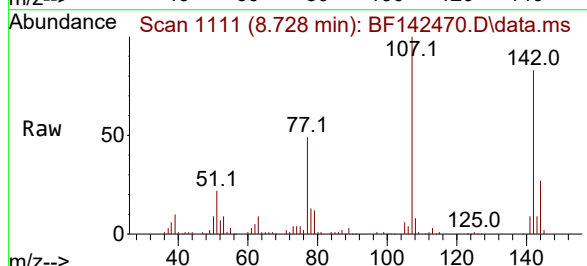
Tgt Ion:107 Resp: 109793

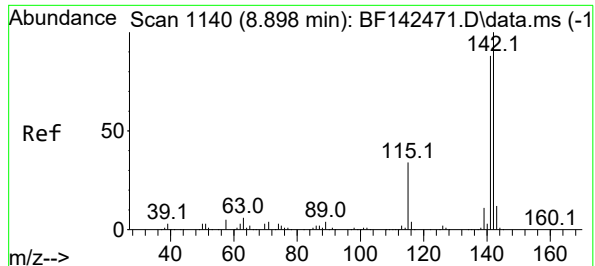
Ion Ratio Lower Upper

107 100

144 26.9 20.9 31.3

142 83.1 64.2 96.2

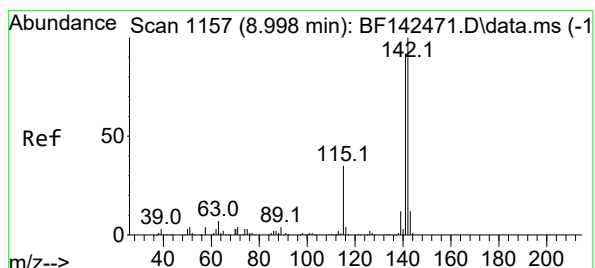
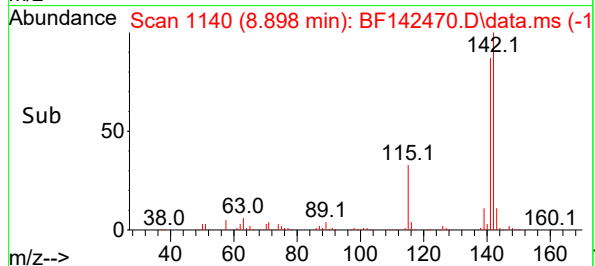
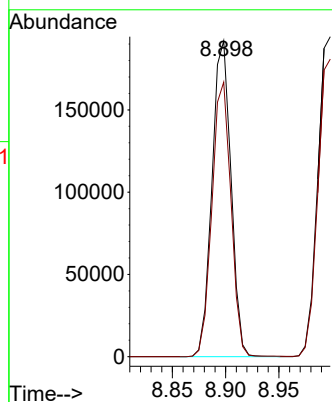
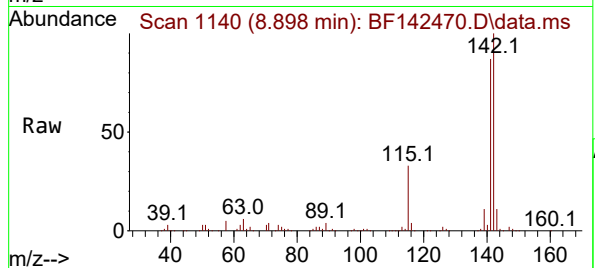




#37
2-Methylnaphthalene
Concen: 20.849 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

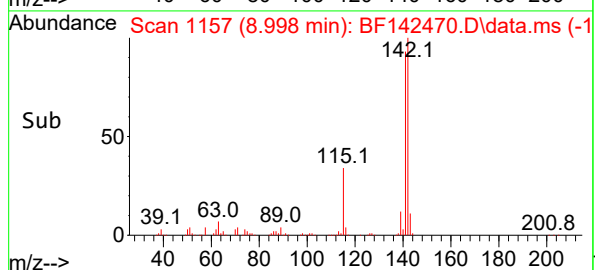
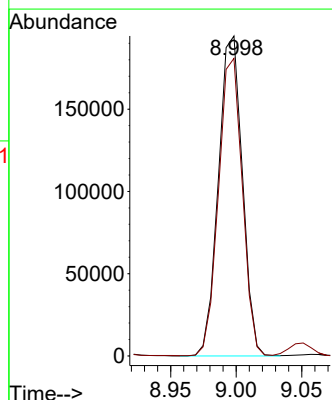
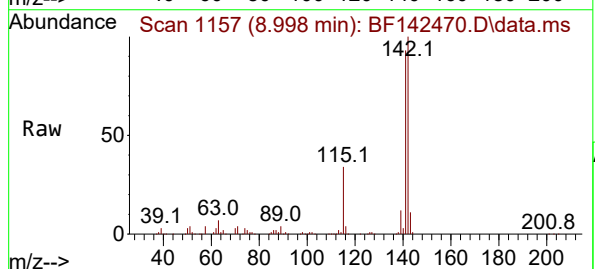
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

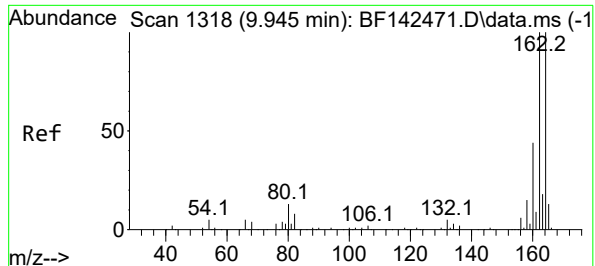
Tgt Ion:142 Resp: 237350
Ion Ratio Lower Upper
142 100
141 86.9 70.7 106.1



#38
1-Methylnaphthalene
Concen: 20.961 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:142 Resp: 246831
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

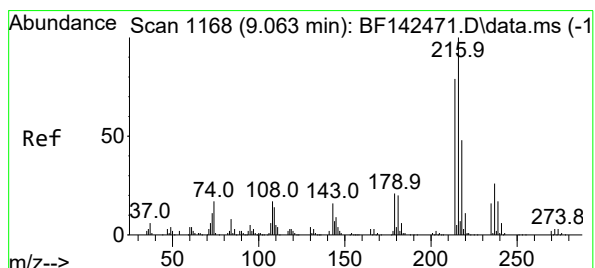
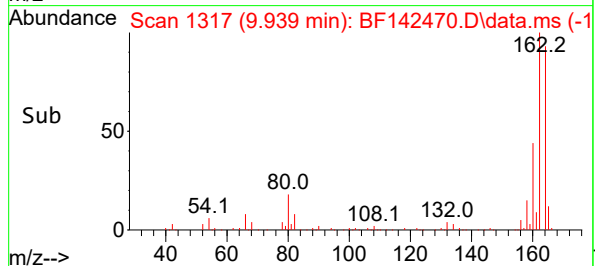
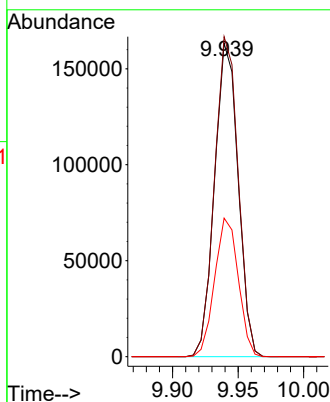
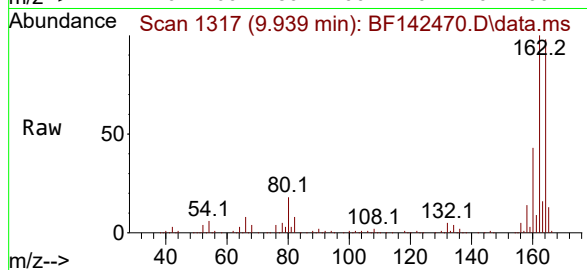
Tgt Ion:164 Resp: 204113

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.4

160 44.2 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.477 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Tgt Ion:216 Resp: 119980

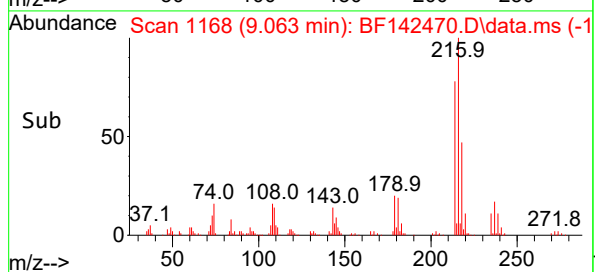
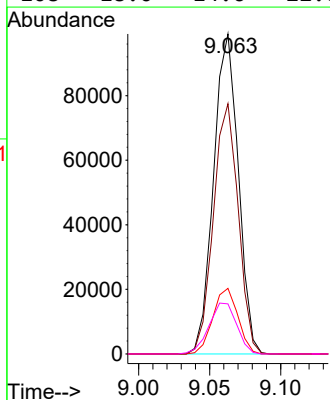
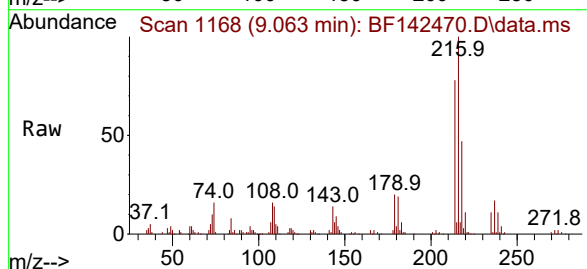
Ion Ratio Lower Upper

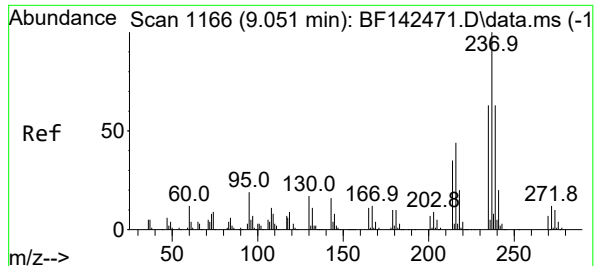
216 100

214 78.4 62.9 94.3

179 20.7 16.9 25.3

108 18.0 14.6 22.0

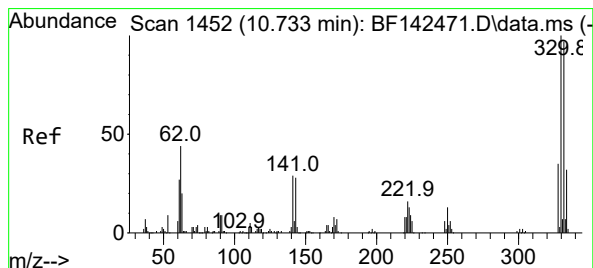
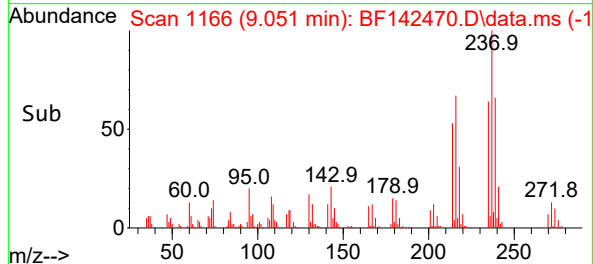
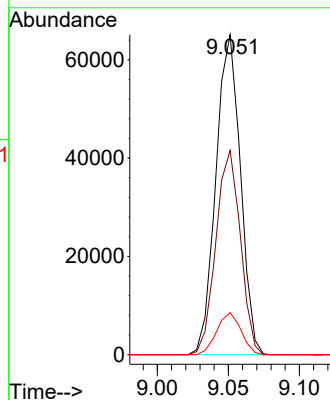
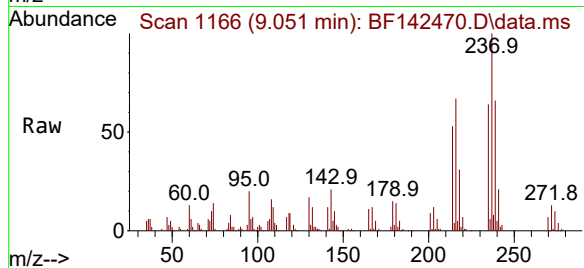




#41
Hexachlorocyclopentadiene
Concen: 19.796 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

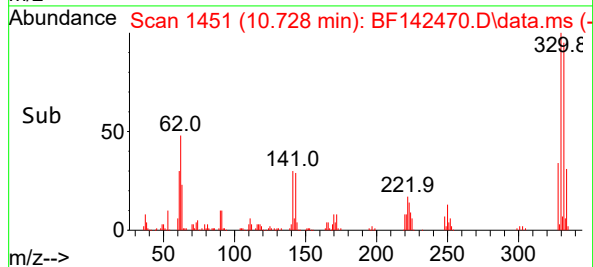
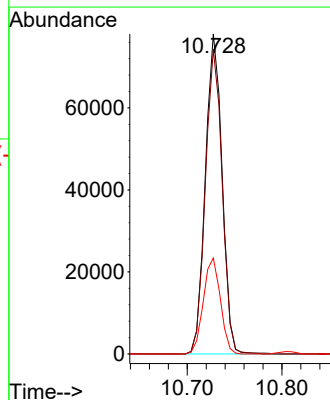
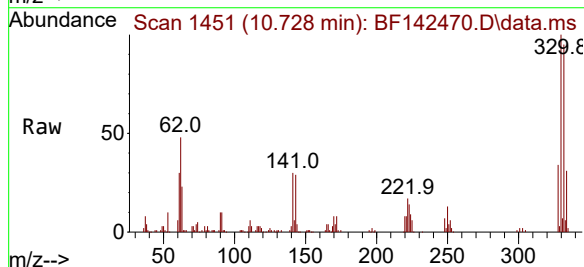
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

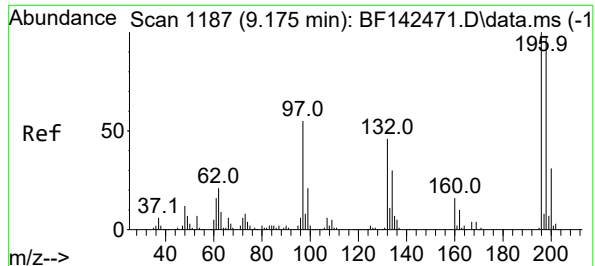
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.8	43.3	83.3
272	13.2	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 42.171 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.6	116.4
141	30.4	24.6	36.8





#43

2,4,6-Trichlorophenol

Concen: 20.971 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142470.D

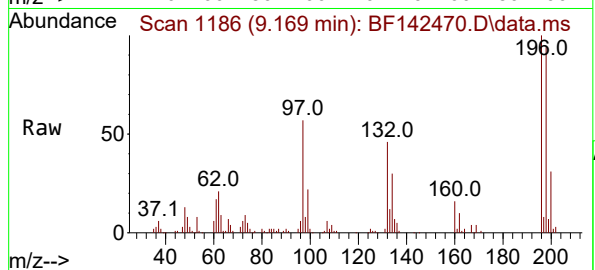
Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



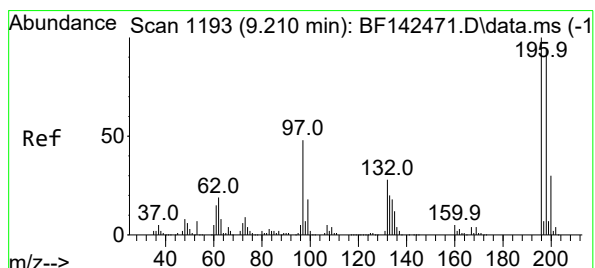
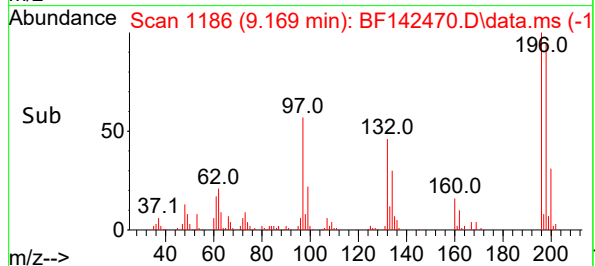
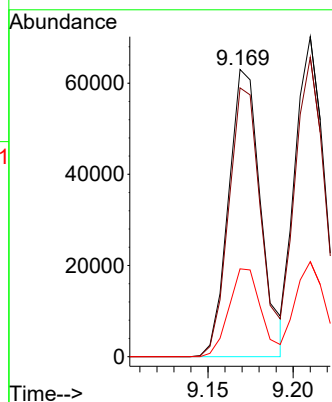
Tgt Ion:196 Resp: 82857

Ion Ratio Lower Upper

196 100

198 93.6 78.8 118.2

200 30.6 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 20.383 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Tgt Ion:196 Resp: 84935

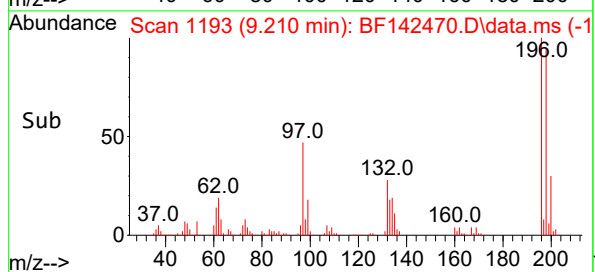
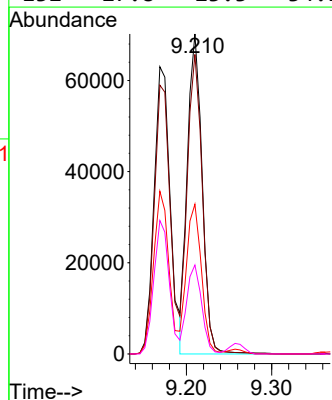
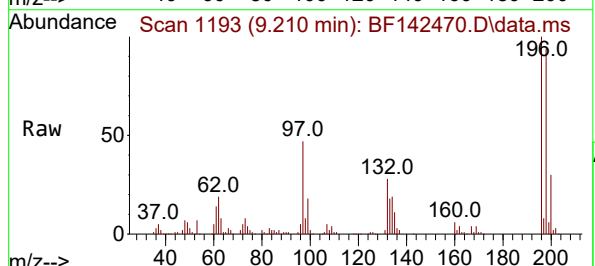
Ion Ratio Lower Upper

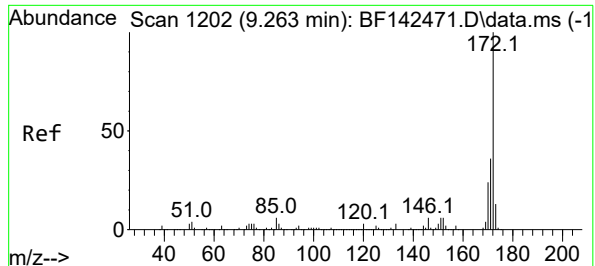
196 100

198 93.6 75.5 113.3

97 46.8 39.3 58.9

132 27.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 41.799 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

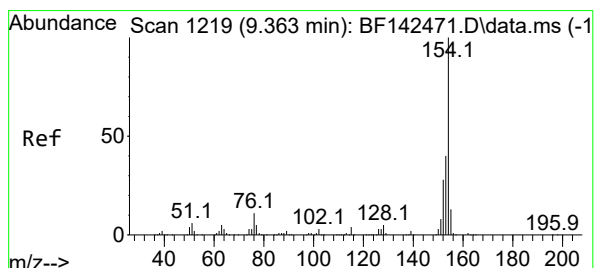
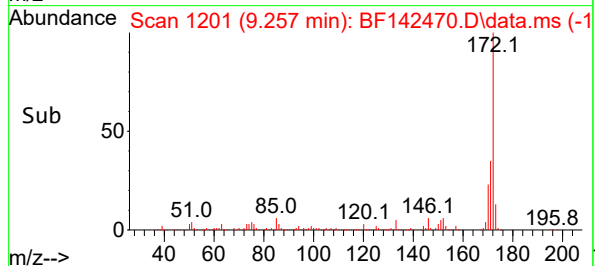
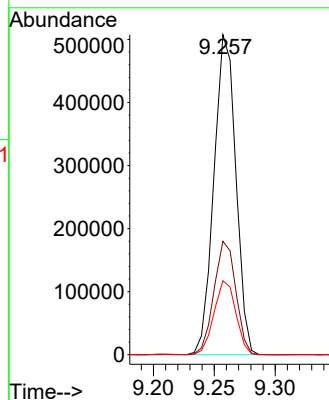
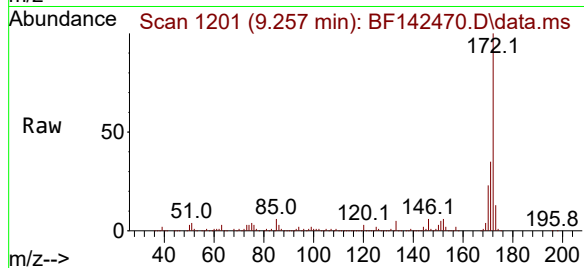
Tgt Ion:172 Resp: 635813

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 20.553 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

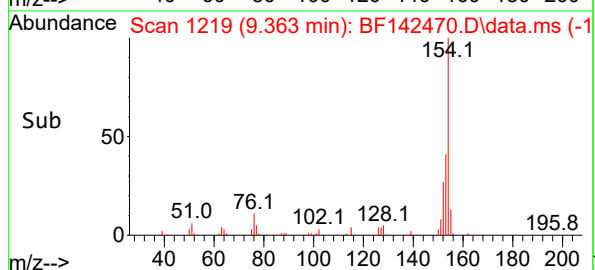
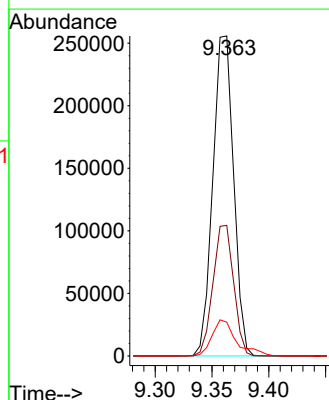
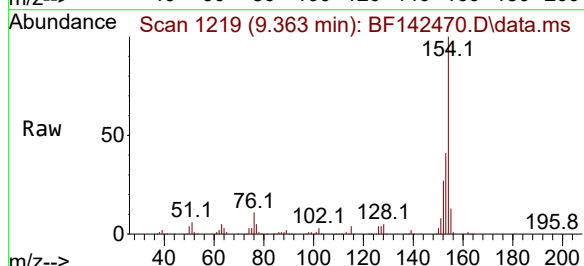
Tgt Ion:154 Resp: 325474

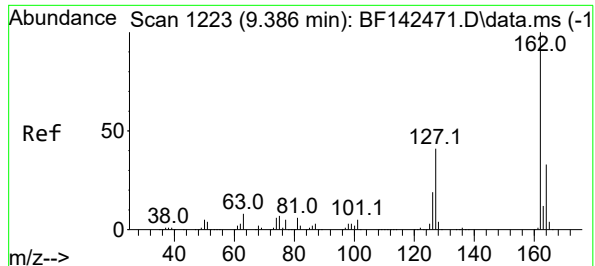
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 10.6 0.0 30.8





#47

2-Chloronaphthalene

Concen: 20.526 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142470.D

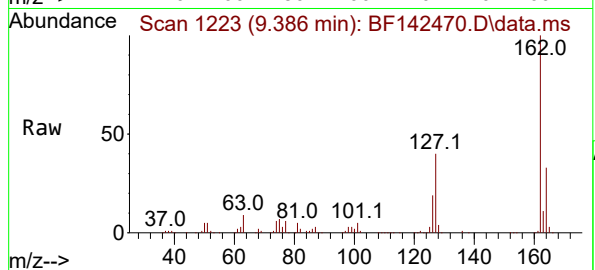
Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



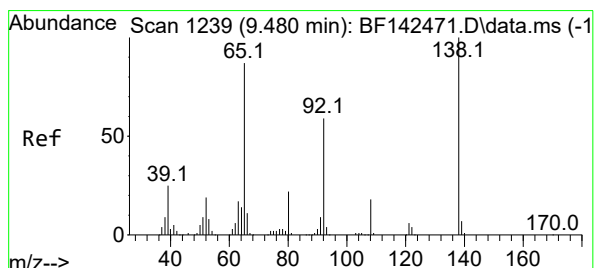
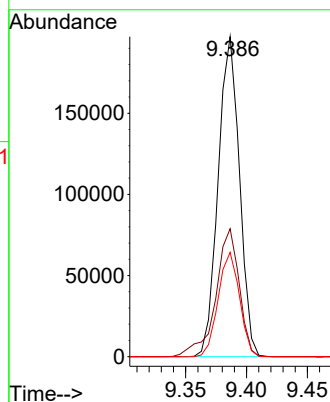
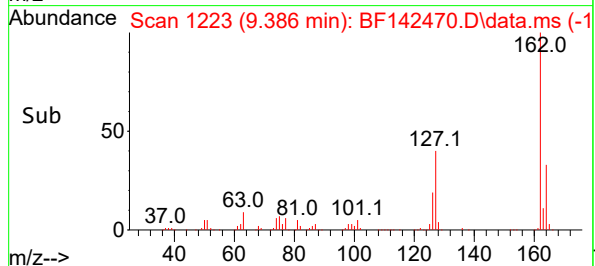
Tgt Ion:162 Resp: 240148

Ion Ratio Lower Upper

162 100

127 40.0 33.5 50.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 20.424 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

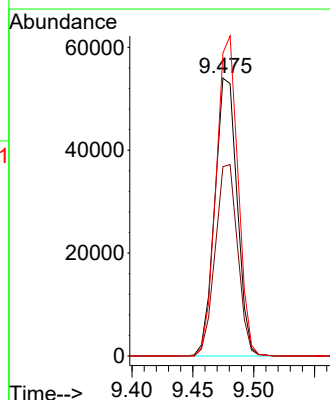
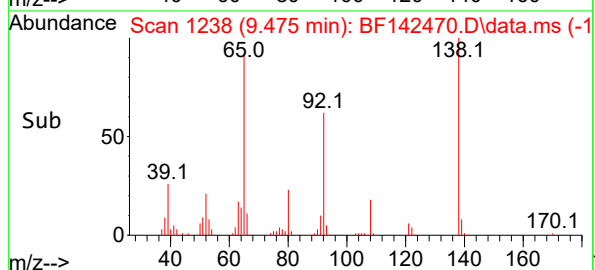
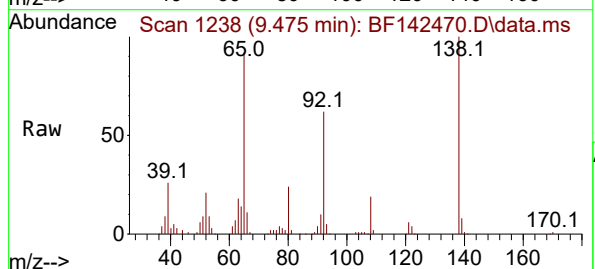
Tgt Ion: 65 Resp: 69068

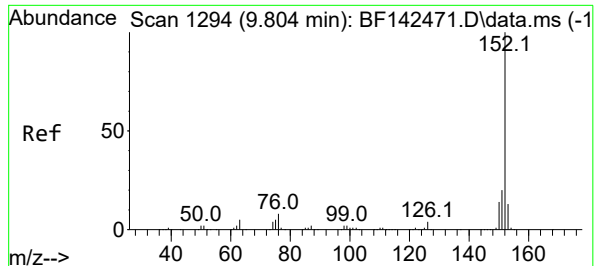
Ion Ratio Lower Upper

65 100

92 68.1 54.4 81.6

138 109.0 91.4 137.2





#49

Acenaphthylene

Concen: 20.945 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

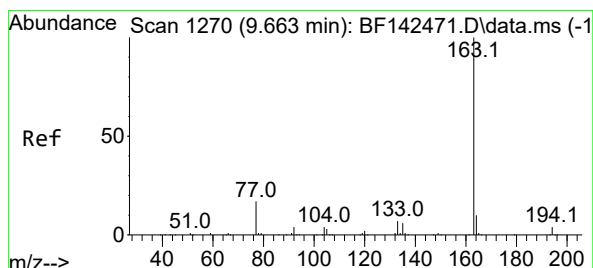
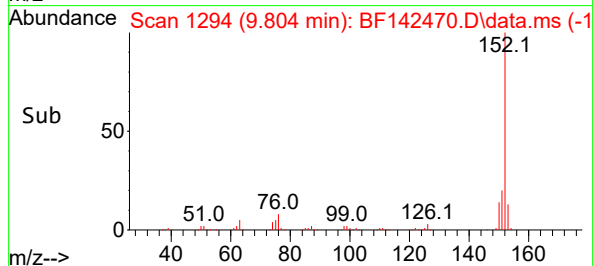
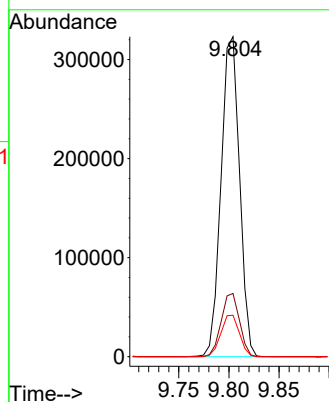
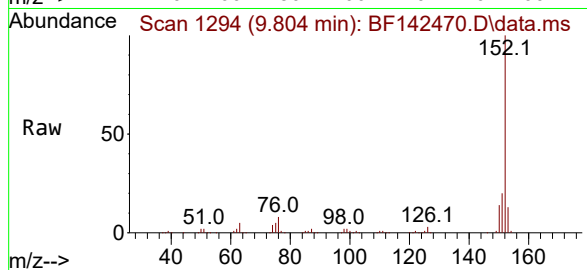
Tgt Ion:152 Resp: 413782

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 20.724 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

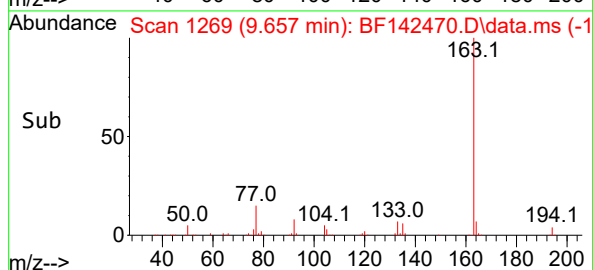
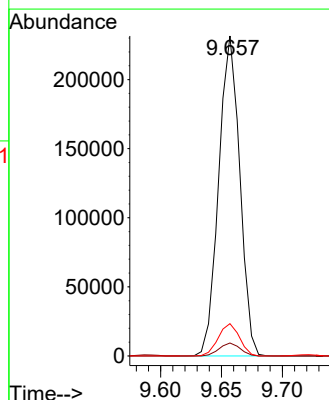
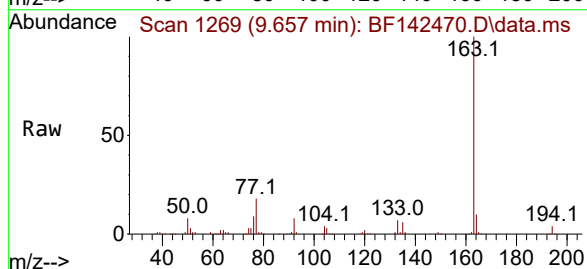
Tgt Ion:163 Resp: 279113

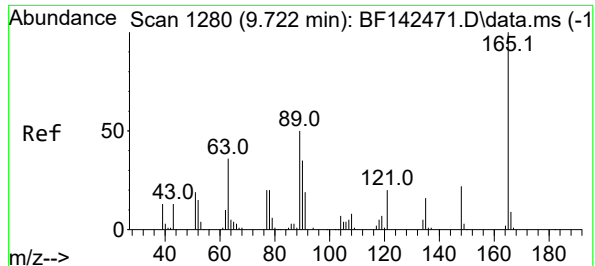
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 8.2 12.4

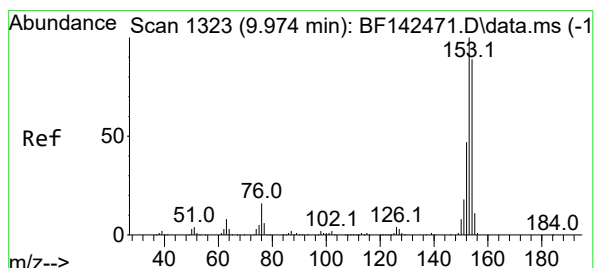
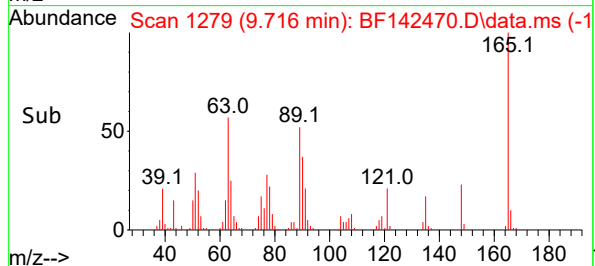
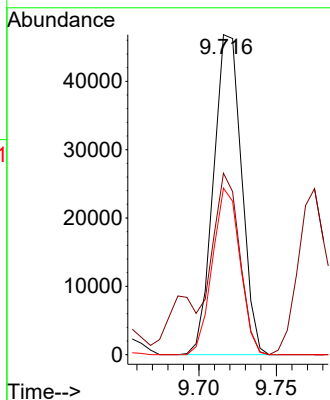
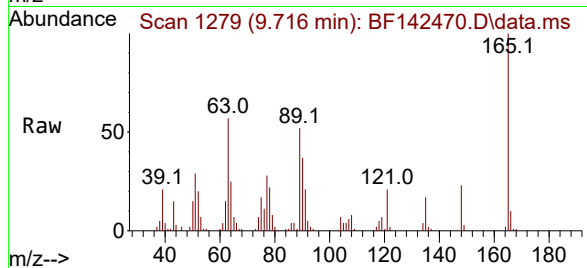




#51
2,6-Dinitrotoluene
Concen: 20.308 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

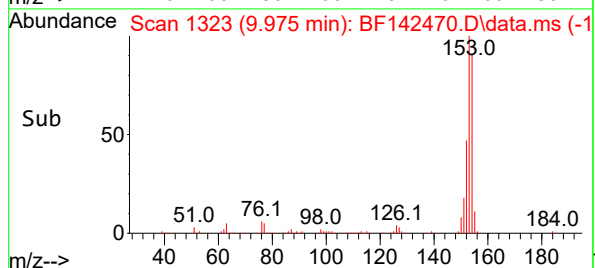
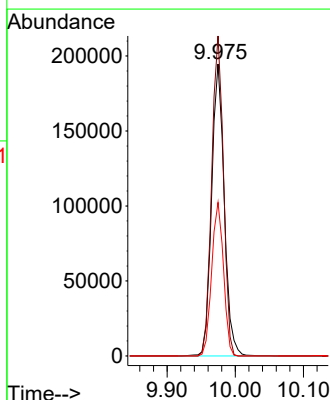
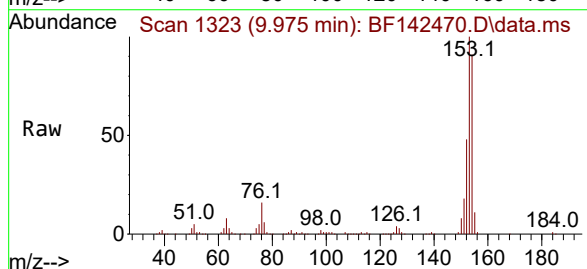
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

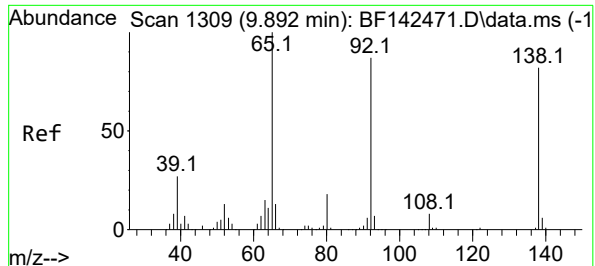
Tgt Ion:165 Resp: 59031
Ion Ratio Lower Upper
165 100
63 56.7 42.9 64.3
89 52.1 40.2 60.4



#52
Acenaphthene
Concen: 20.764 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:154 Resp: 250487
Ion Ratio Lower Upper
154 100
153 109.6 90.0 135.0
152 52.6 42.6 64.0





#53

3-Nitroaniline

Concen: 21.055 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142470.D

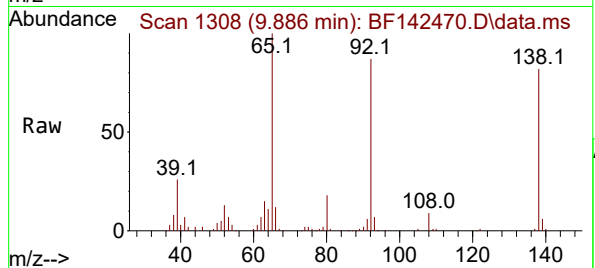
Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



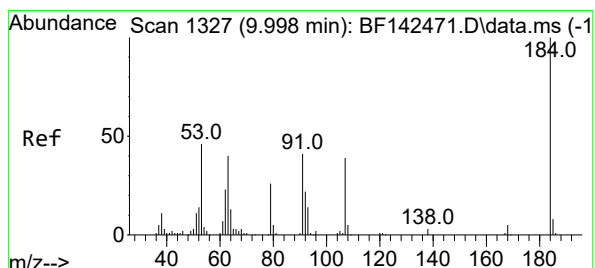
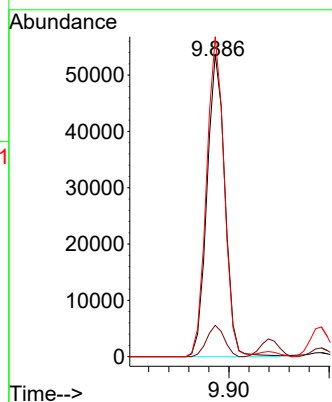
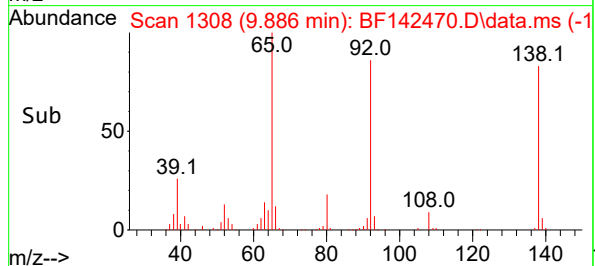
Tgt Ion:138 Resp: 66847

Ion Ratio Lower Upper

138 100

108 10.4 8.1 12.1

92 105.6 85.2 127.8



#54

2,4-Dinitrophenol

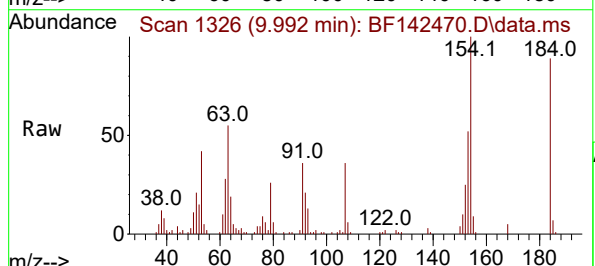
Concen: 18.553 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36



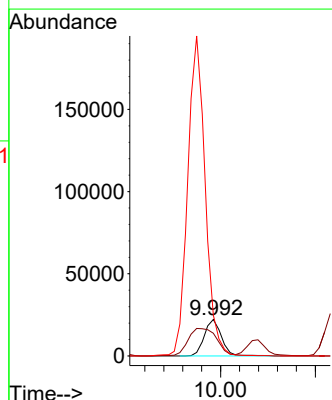
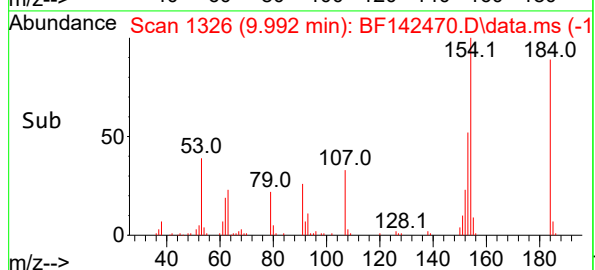
Tgt Ion:184 Resp: 27863

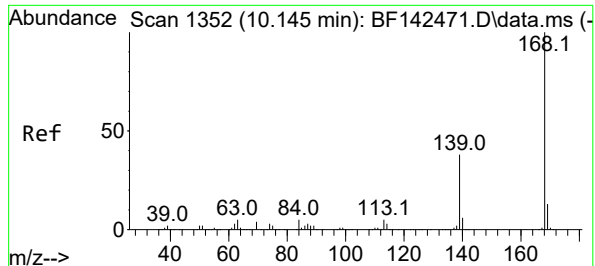
Ion Ratio Lower Upper

184 100

63 62.4 46.3 69.5

154 112.6 56.8 85.2#





#55

Dibenzofuran

Concen: 20.792 ng

RT: 10.145 min Scan# 1352

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

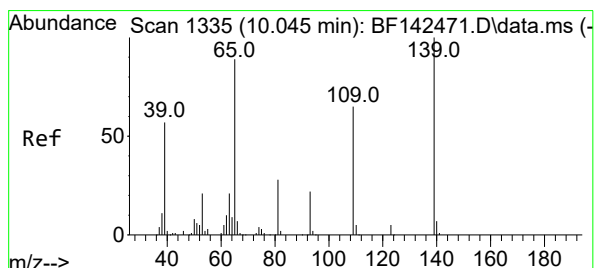
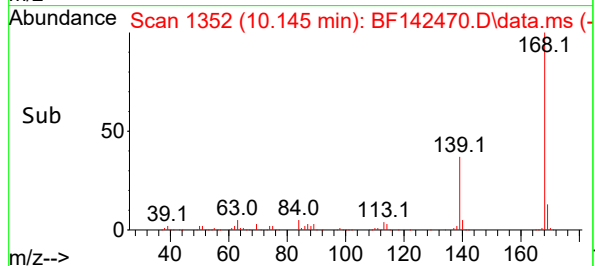
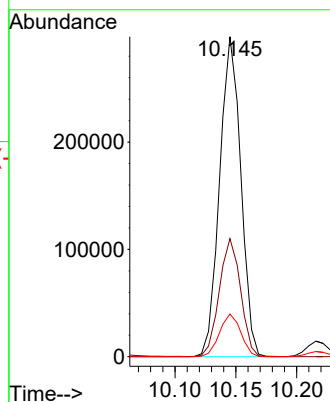
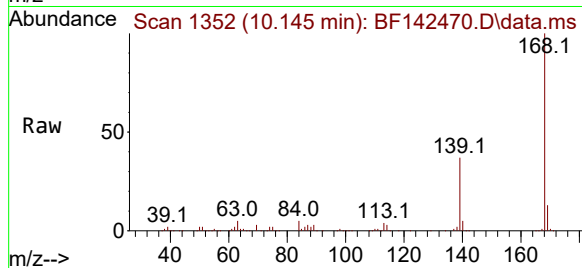
Tgt Ion:168 Resp: 360936

Ion Ratio Lower Upper

168 100

139 36.9 30.2 45.2

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 21.067 ng

RT: 10.039 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

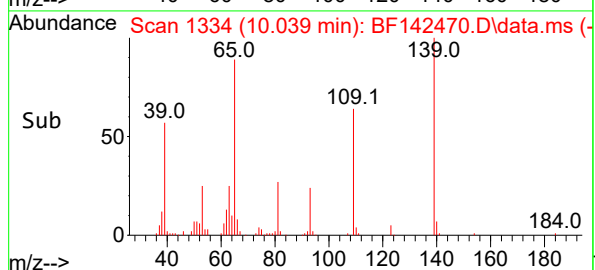
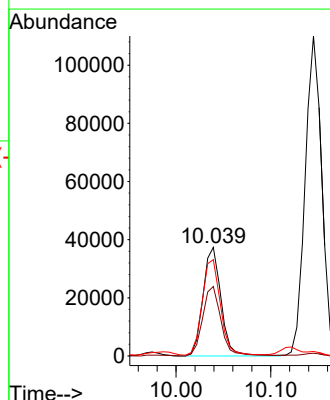
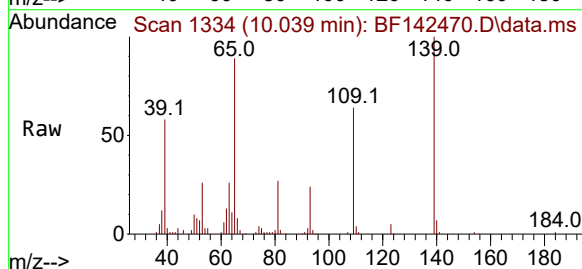
Tgt Ion:139 Resp: 49352

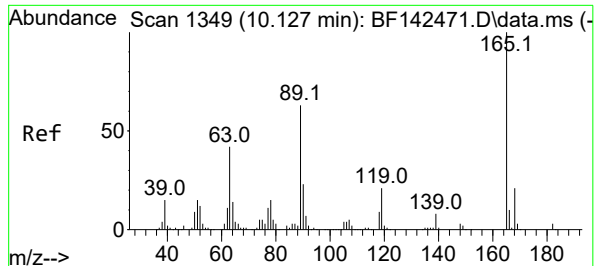
Ion Ratio Lower Upper

139 100

109 63.9 45.1 85.1

65 88.7 69.7 109.7





#57

2,4-Dinitrotoluene

Concen: 20.827 ng

RT: 10.122 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 79063

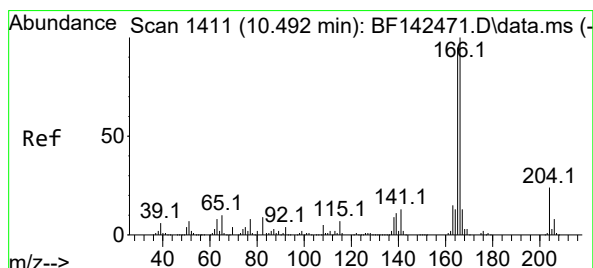
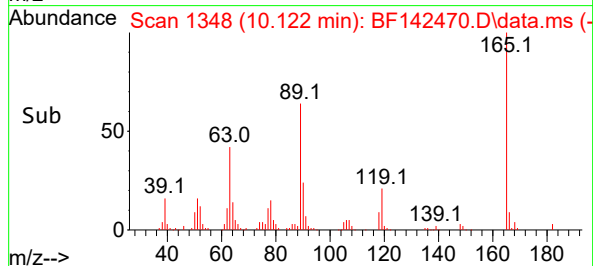
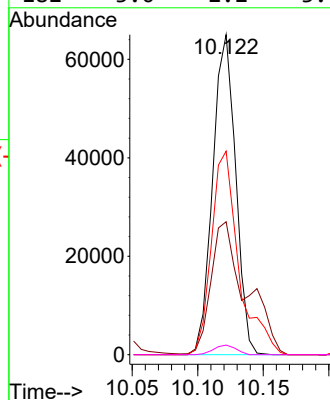
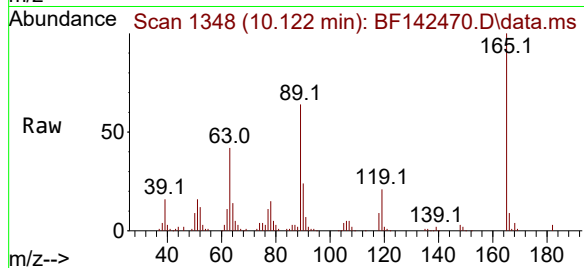
Ion Ratio Lower Upper

165 100

63 41.5 33.6 50.4

89 63.6 50.2 75.4

182 3.0 2.2 3.4



#58

Fluorene

Concen: 20.878 ng

RT: 10.486 min Scan# 1410

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

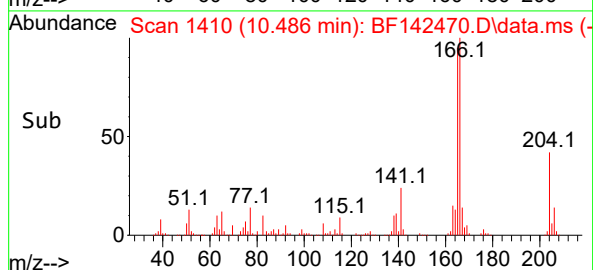
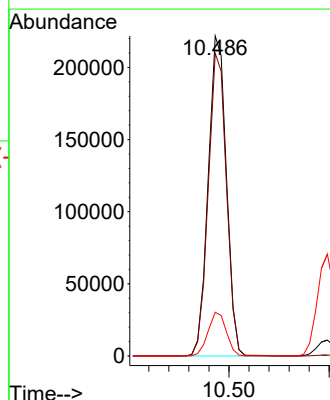
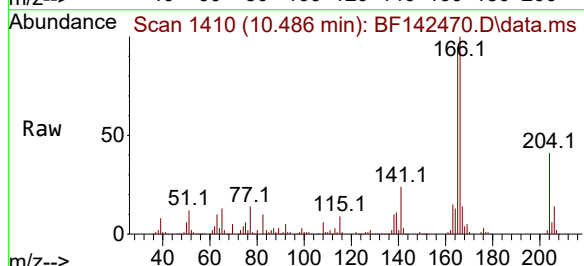
Tgt Ion:166 Resp: 279994

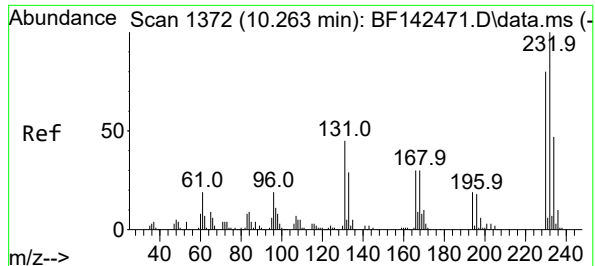
Ion Ratio Lower Upper

166 100

165 94.5 75.8 113.8

167 13.6 10.6 16.0

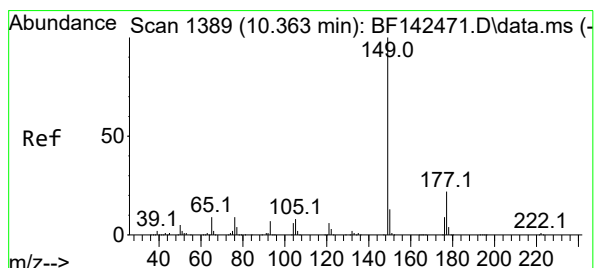
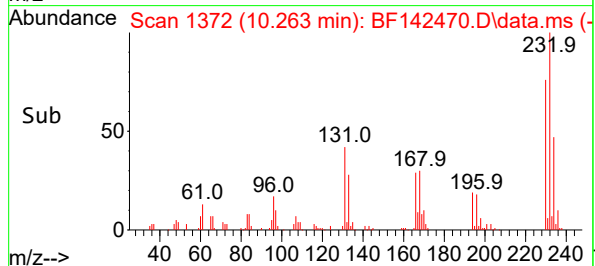
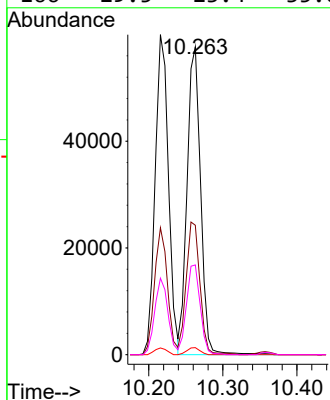
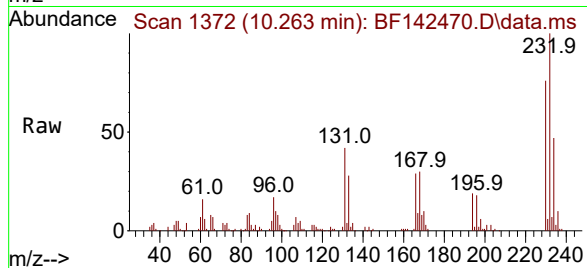




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.140 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

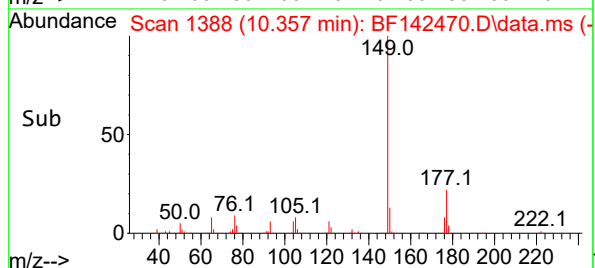
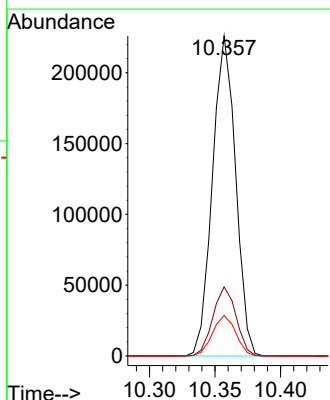
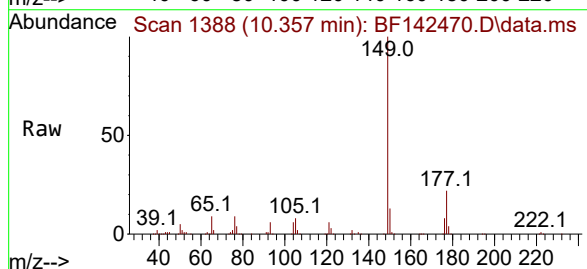
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

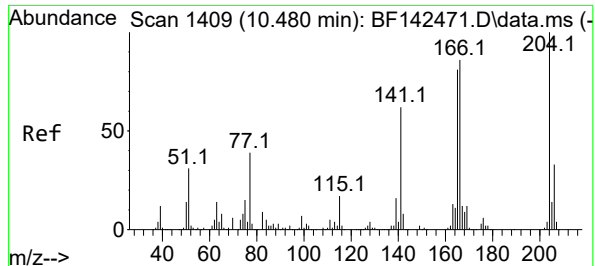
Tgt Ion:232 Resp: 73538
Ion Ratio Lower Upper
232 100
131 43.7 35.2 52.8
130 2.2 1.7 2.5
166 29.5 23.4 35.0



#60
Diethylphthalate
Concen: 21.084 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:149 Resp: 277325
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.7 10.1 15.1

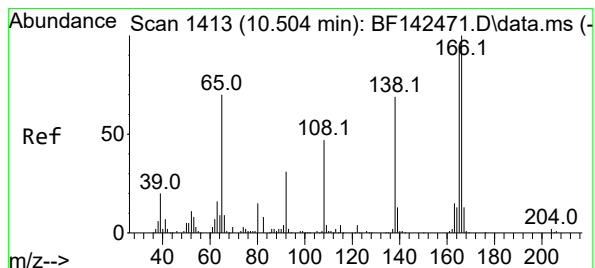
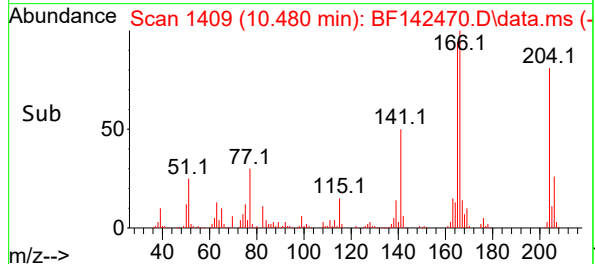
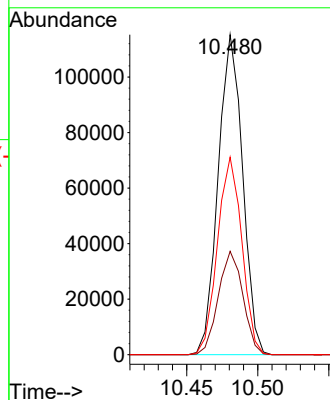
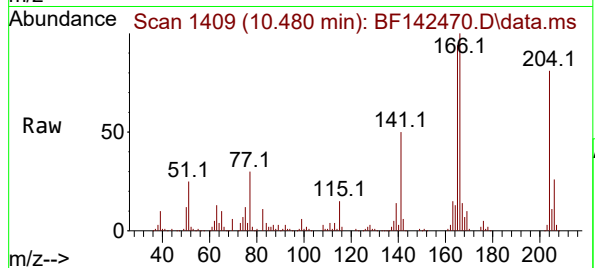




#61
4-Chlorophenyl-phenylether
Concen: 20.944 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

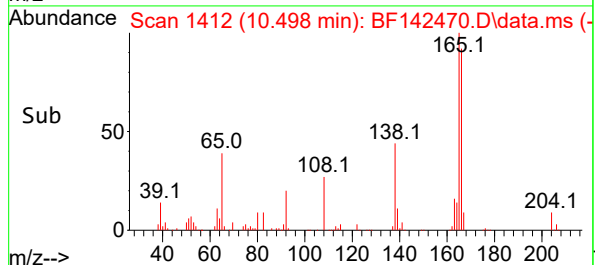
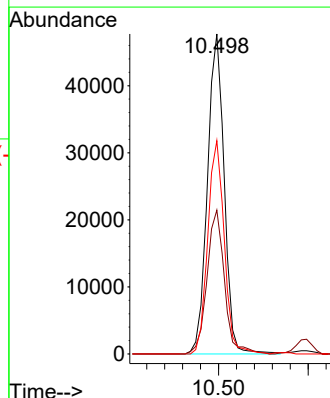
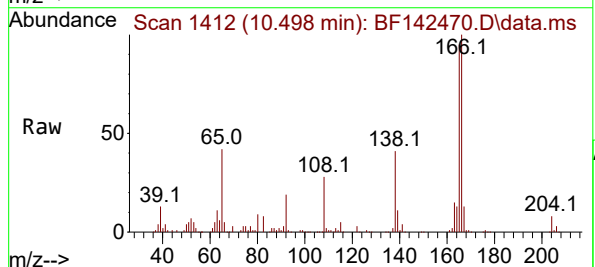
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

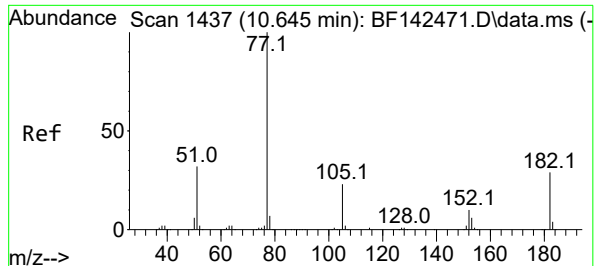
Tgt Ion:204 Resp: 137985
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 61.7 49.5 74.3



#62
4-Nitroaniline
Concen: 21.481 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:138 Resp: 61856
Ion Ratio Lower Upper
138 100
92 44.9 26.0 66.0
108 66.7 48.4 88.4

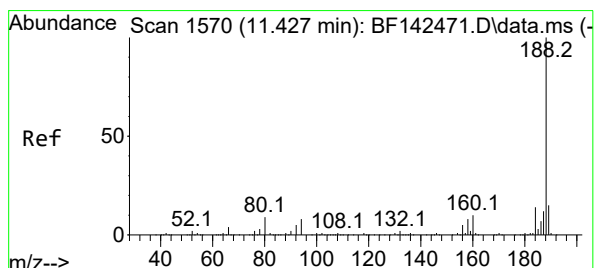
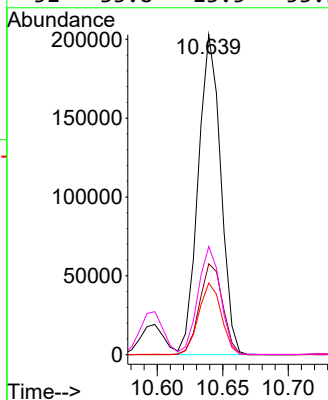
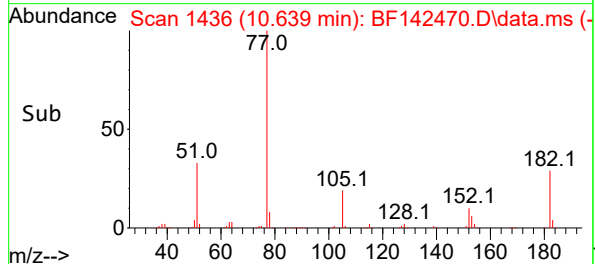
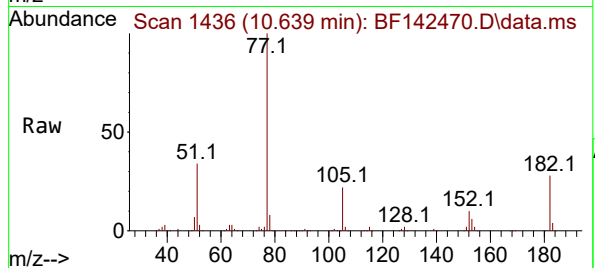




#63
Azobenzene
Concen: 20.530 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

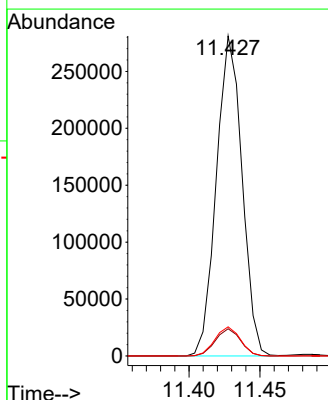
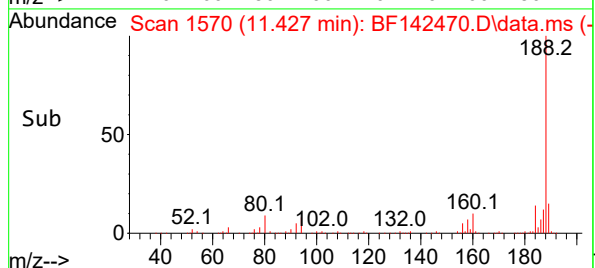
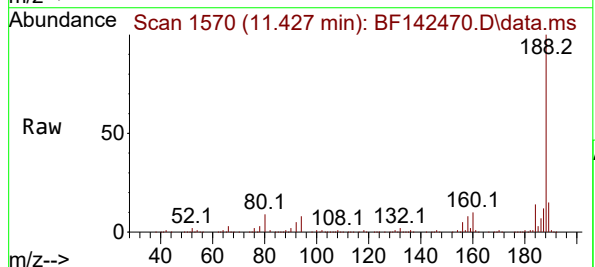
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

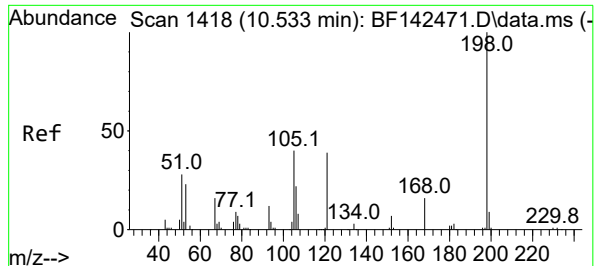
Tgt Ion: 77 Resp: 242545
Ion Ratio Lower Upper
77 100
182 28.4 9.0 49.0
105 22.4 2.4 42.4
51 33.8 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 188 Resp: 353003
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.1 7.4 11.0

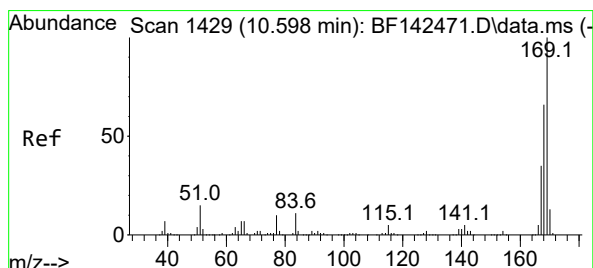
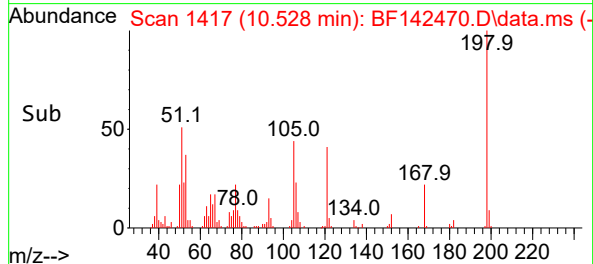
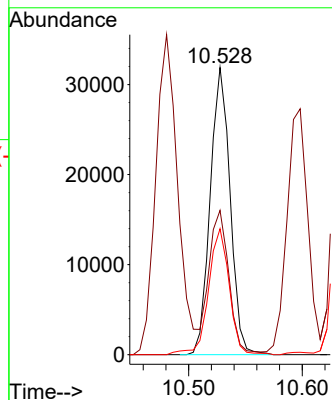
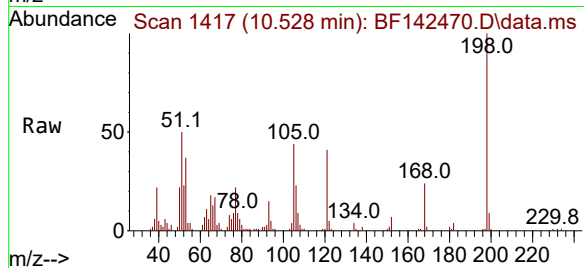




#65
4,6-Dinitro-2-methylphenol
Concen: 19.673 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

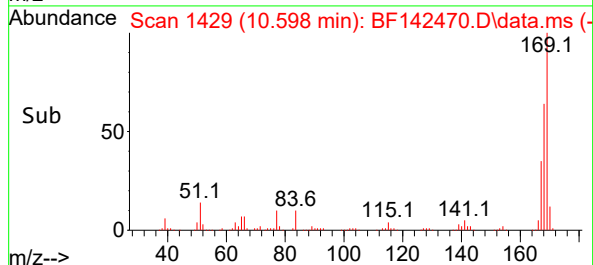
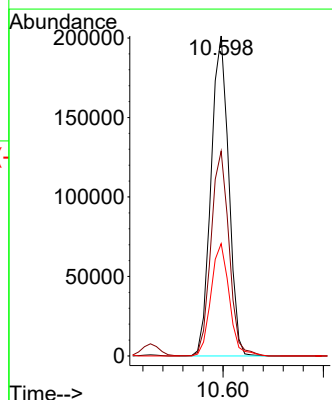
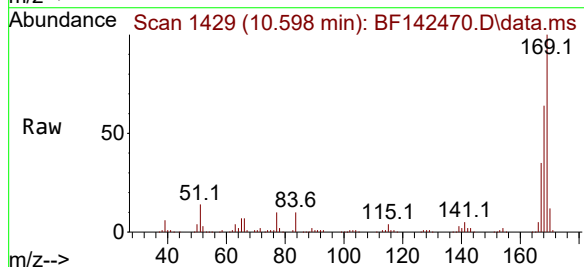
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

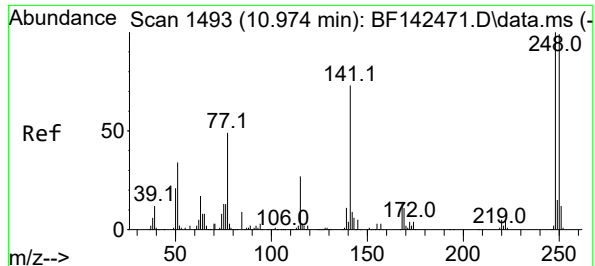
Tgt Ion	Ratio	Lower	Upper
198	100		
51	50.3	28.3	68.3
105	43.9	21.3	61.3



#66
n-Nitrosodiphenylamine
Concen: 20.348 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.0	52.7	79.1
167	35.1	28.3	42.5

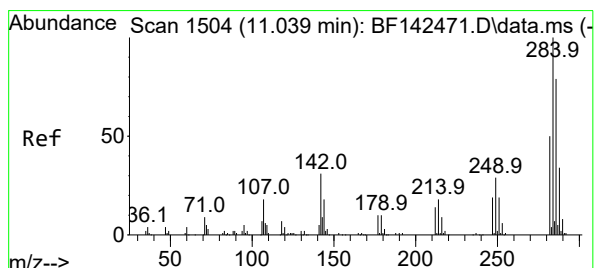
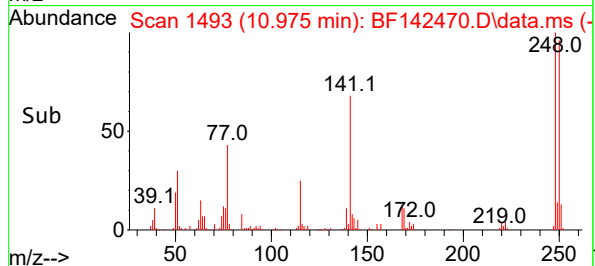
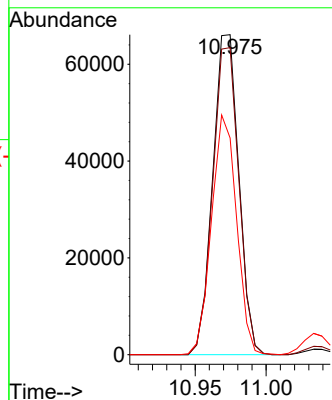
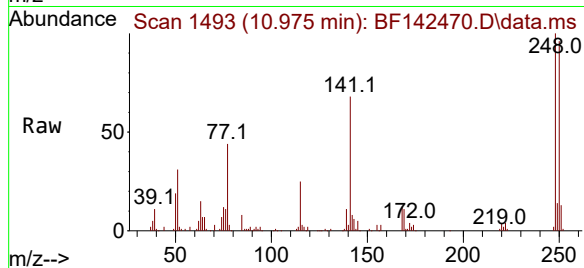




#67
4-Bromophenyl-phenylether
Concen: 20.222 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

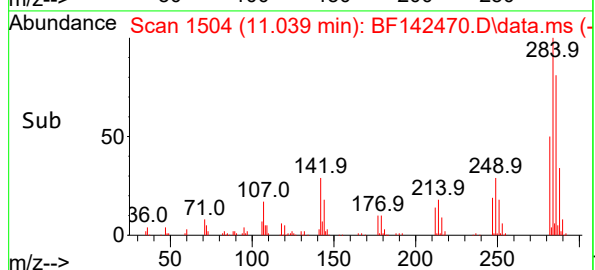
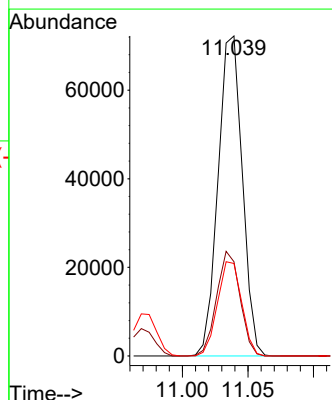
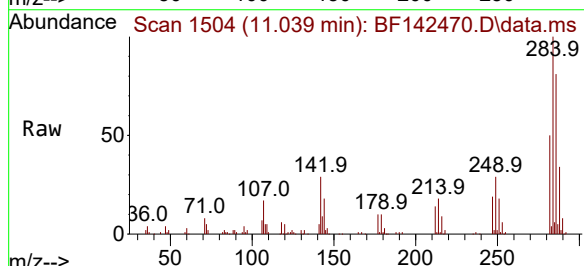
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

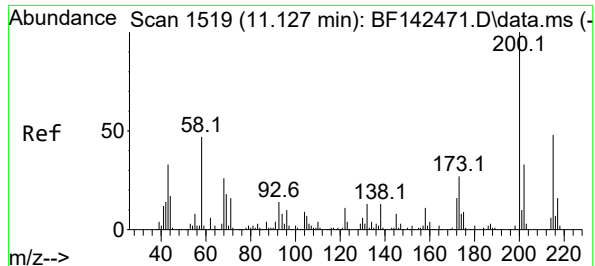
Tgt Ion:248 Resp: 84406
Ion Ratio Lower Upper
248 100
250 95.9 79.0 118.4
141 67.7 58.4 87.6



#68
Hexachlorobenzene
Concen: 20.102 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:284 Resp: 92803
Ion Ratio Lower Upper
284 100
142 29.4 24.8 37.2
249 28.9 23.6 35.4

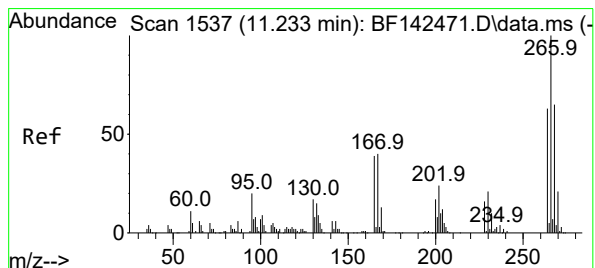
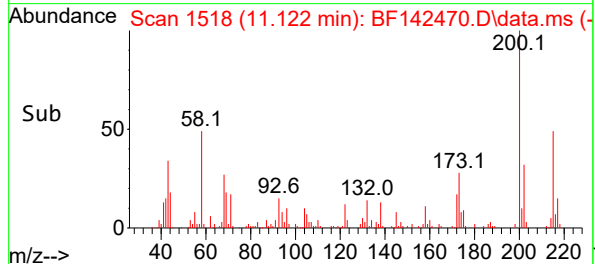
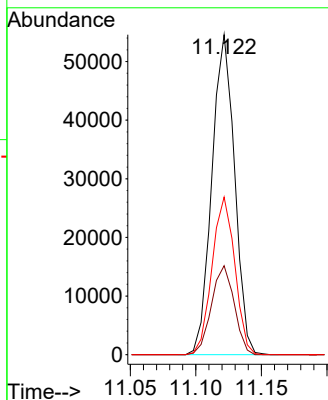
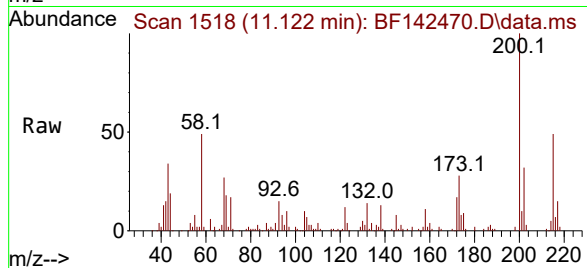




#69
Atrazine
Concen: 20.471 ng
RT: 11.122 min Scan# 1518
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

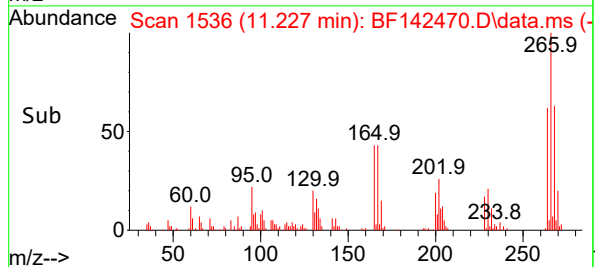
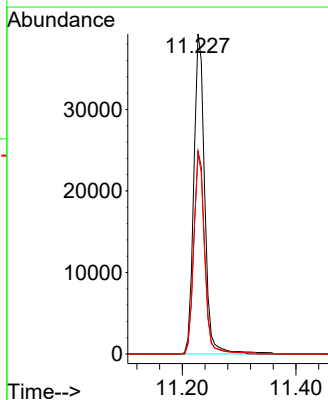
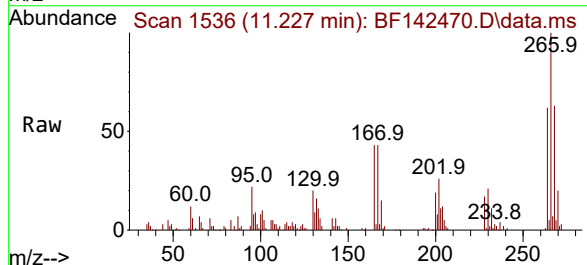
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

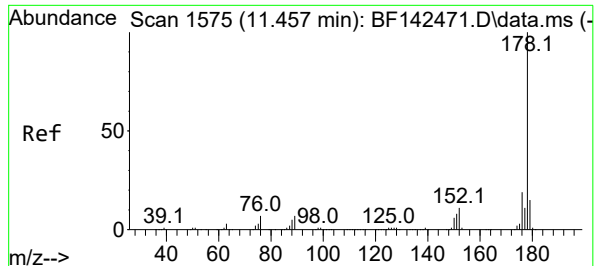
Tgt Ion:200 Resp: 65656
Ion Ratio Lower Upper
200 100
173 27.8 7.4 47.4
215 49.2 28.5 68.5



#70
Pentachlorophenol
Concen: 20.152 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:266 Resp: 52525
Ion Ratio Lower Upper
266 100
268 63.4 51.7 77.5
264 62.5 50.4 75.6

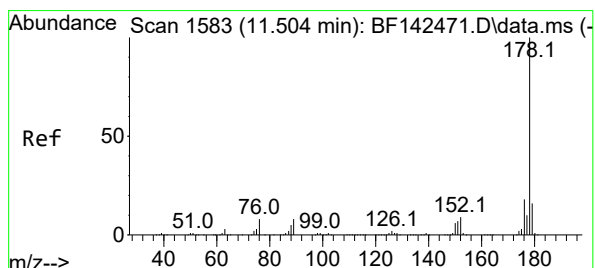
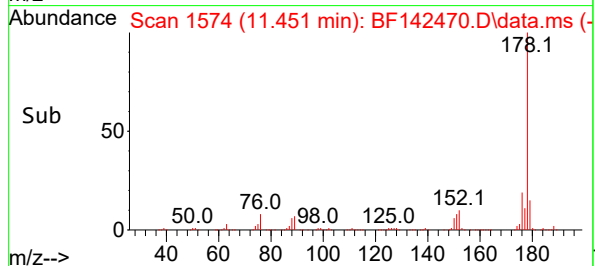
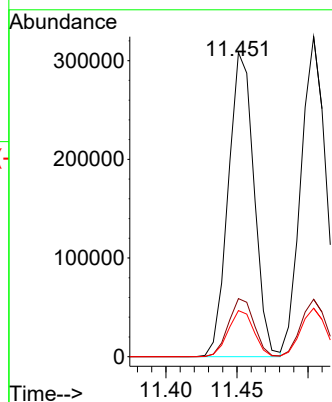
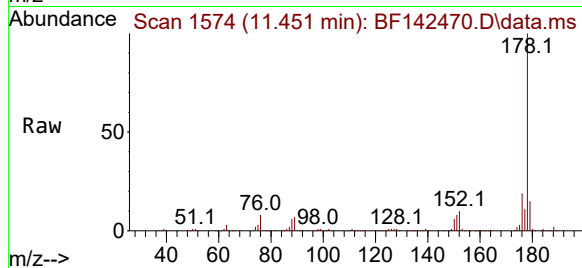




#71
Phenanthrene
Concen: 20.584 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

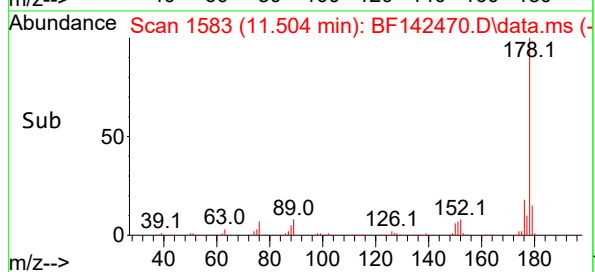
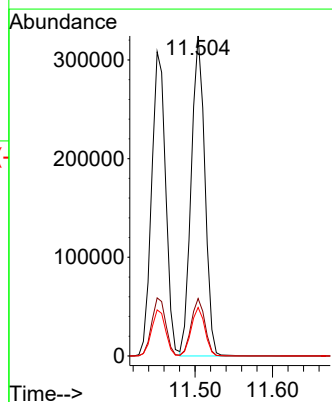
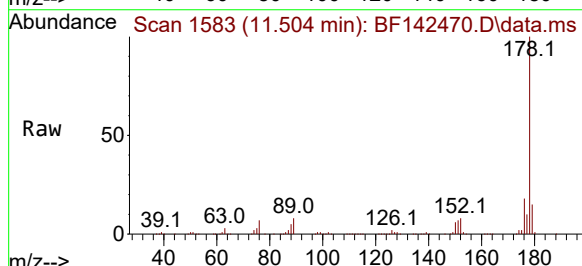
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

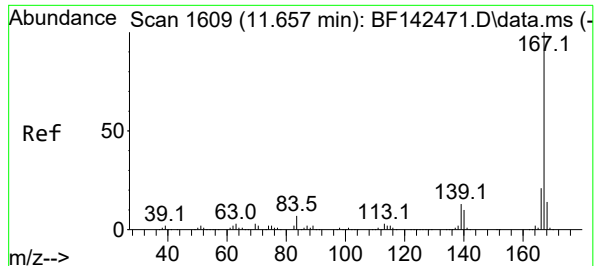
Tgt Ion:178 Resp: 388317
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.2 12.3 18.5



#72
Anthracene
Concen: 20.604 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

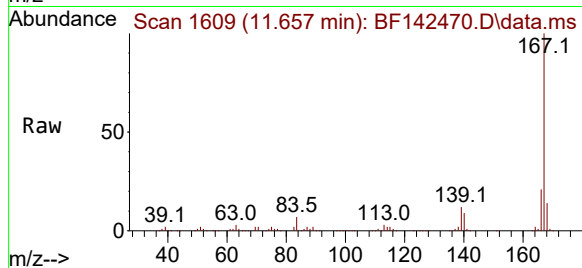
Tgt Ion:178 Resp: 396704
Ion Ratio Lower Upper
178 100
176 18.0 14.6 21.8
179 15.2 12.4 18.6



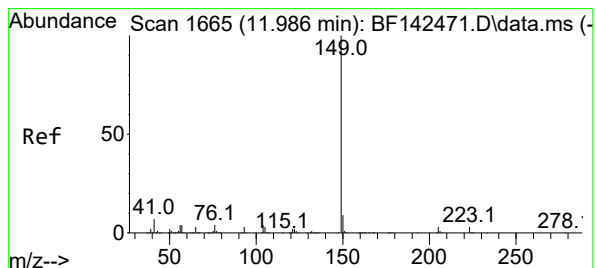
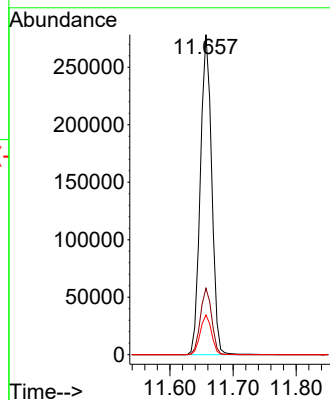
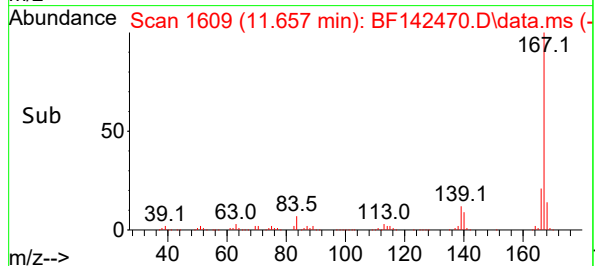


#73
Carbazole
Concen: 21.055 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

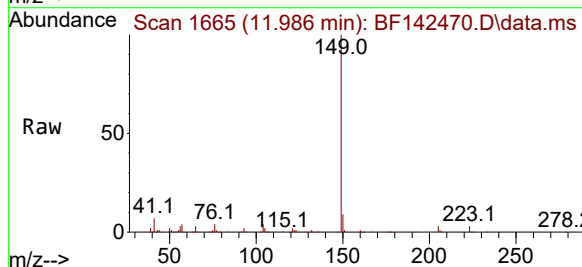
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



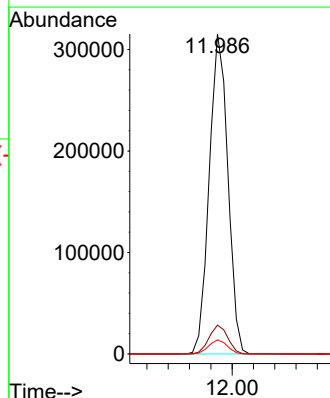
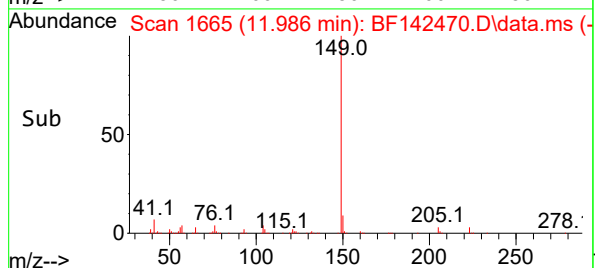
Tgt Ion:167 Resp: 346558
Ion Ratio Lower Upper
167 100
166 20.8 16.9 25.3
139 12.4 10.2 15.4

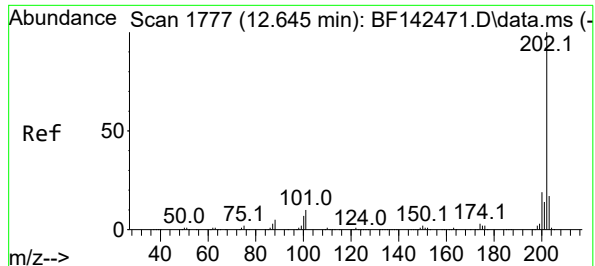


#74
Di-n-butylphthalate
Concen: 21.221 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36



Tgt Ion:149 Resp: 382324
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.4 3.6 5.4

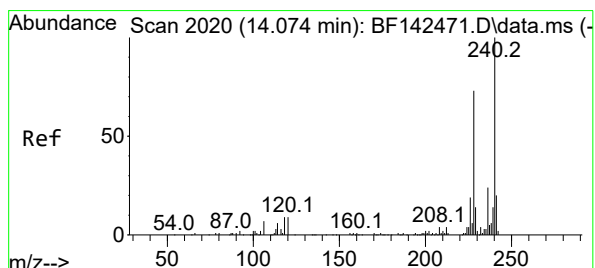
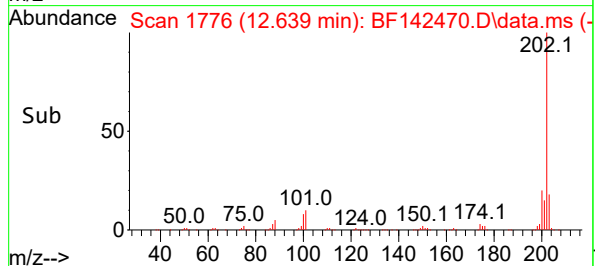
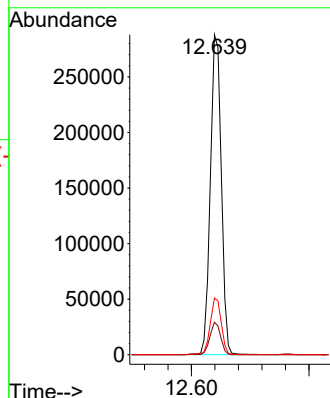
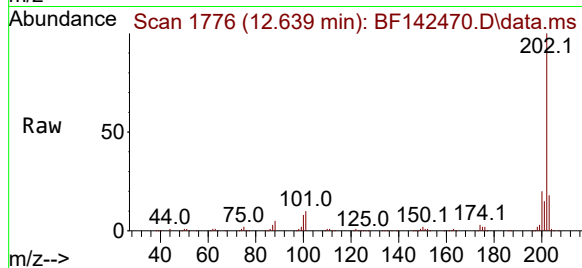




#75
Fluoranthene
Concen: 21.059 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

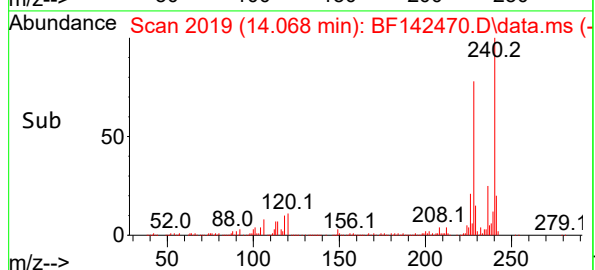
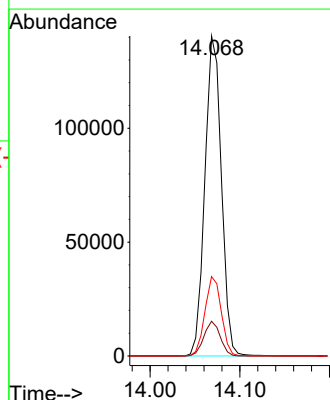
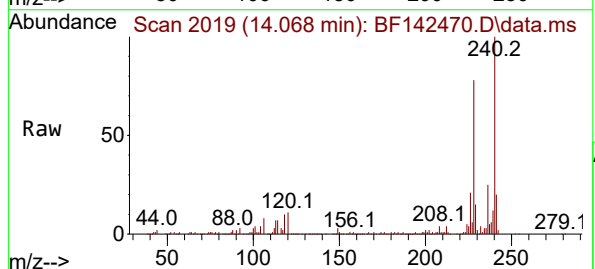
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

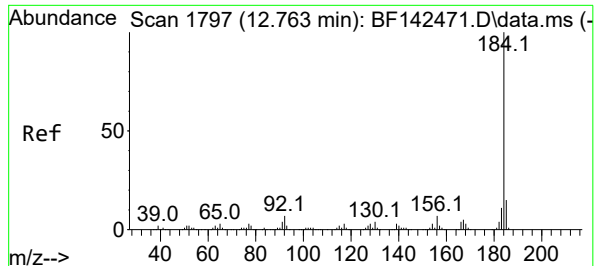
Tgt Ion:202 Resp: 371226
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.6
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:240 Resp: 179495
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 24.8 19.6 29.4





#77

Benzidine

Concen: 24.258 ng

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

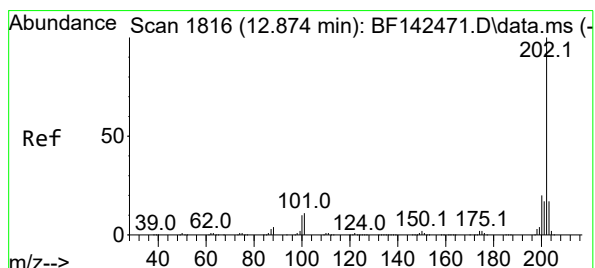
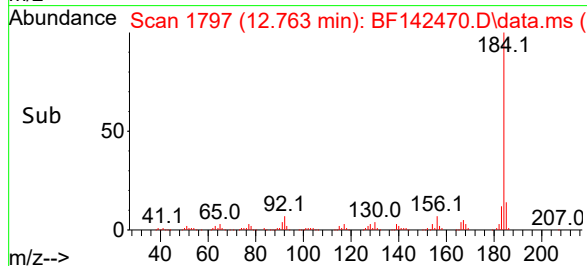
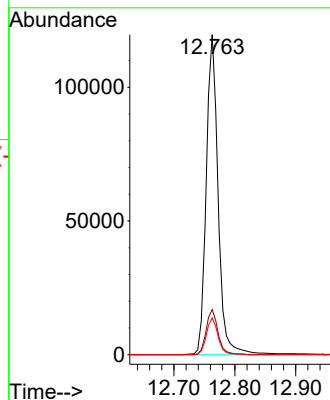
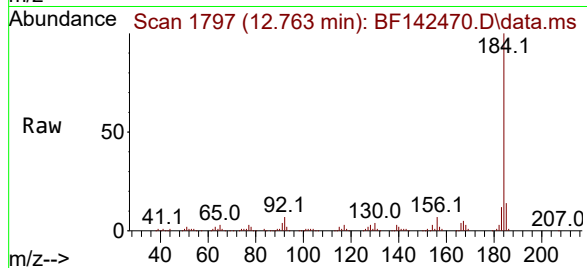
Tgt Ion:184 Resp: 162031

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.5 9.0 13.4



#78

Pyrene

Concen: 22.144 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

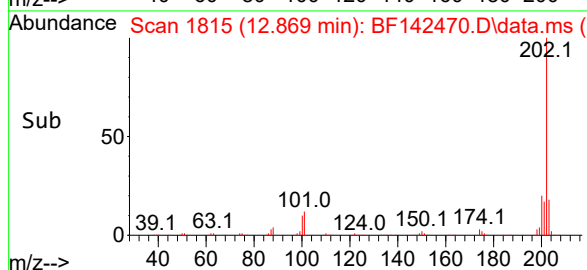
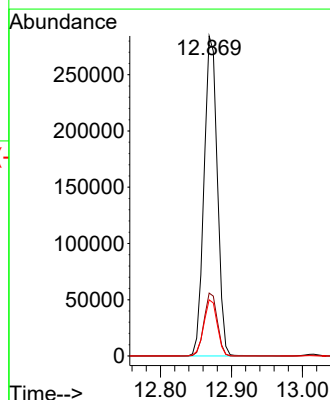
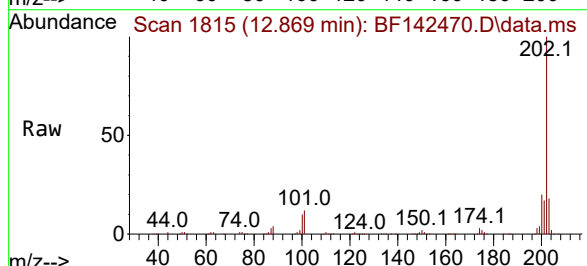
Tgt Ion:202 Resp: 370789

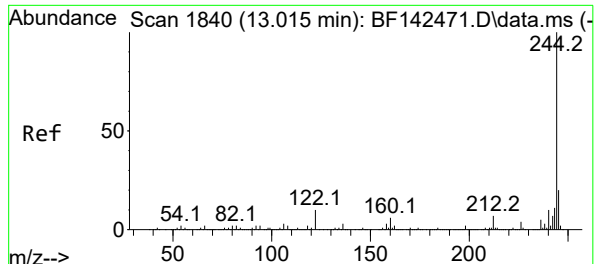
Ion Ratio Lower Upper

202 100

200 19.7 16.1 24.1

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 45.382 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

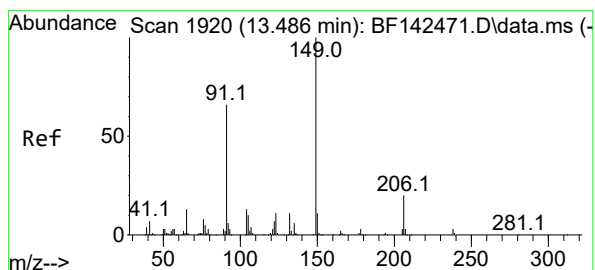
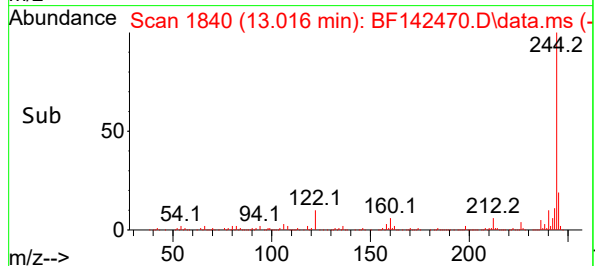
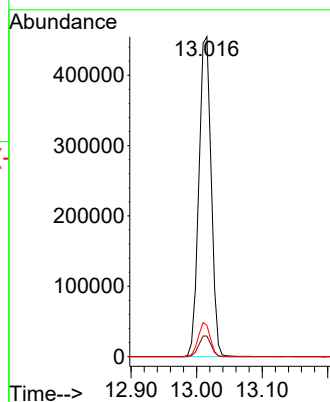
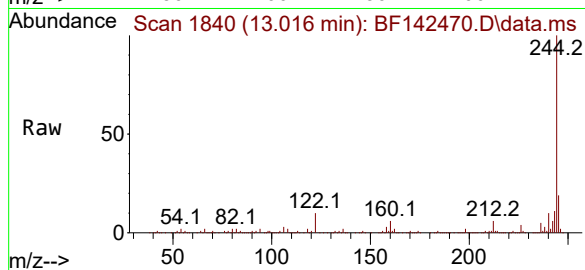
Tgt Ion:244 Resp: 596097

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 9.8 8.2 12.2



#80

Butylbenzylphthalate

Concen: 20.379 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

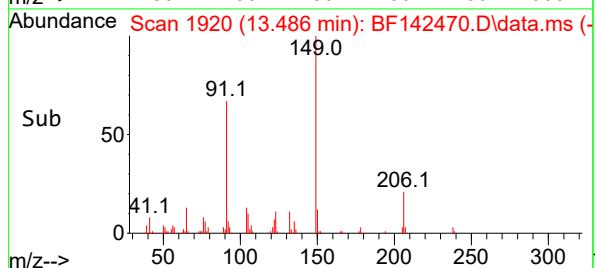
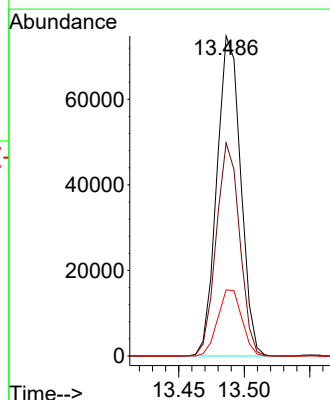
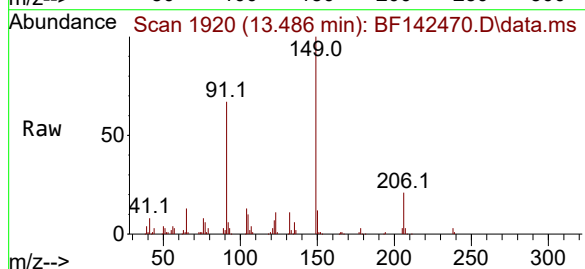
Tgt Ion:149 Resp: 94290

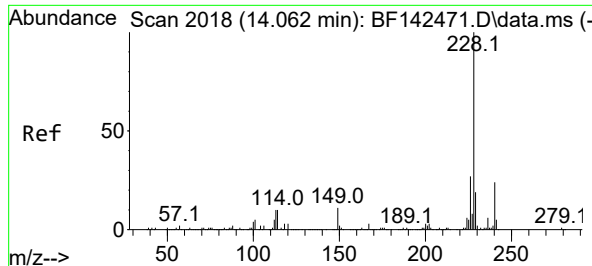
Ion Ratio Lower Upper

149 100

91 66.6 52.9 79.3

206 20.7 16.2 24.2

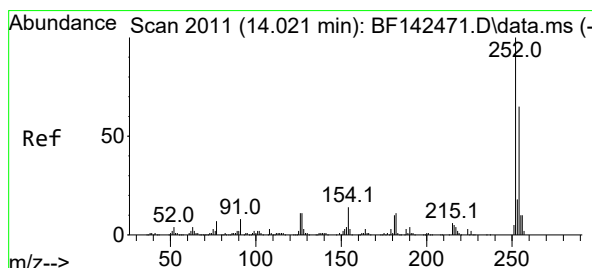
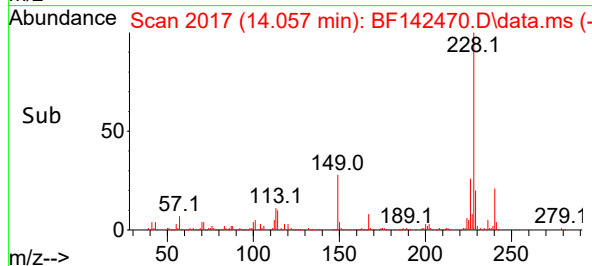
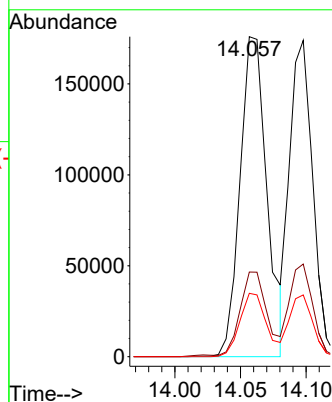
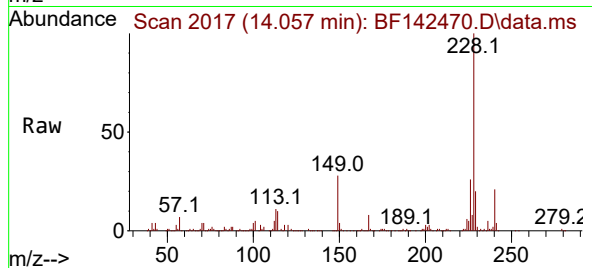




#81
Benzo(a)anthracene
Concen: 21.013 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

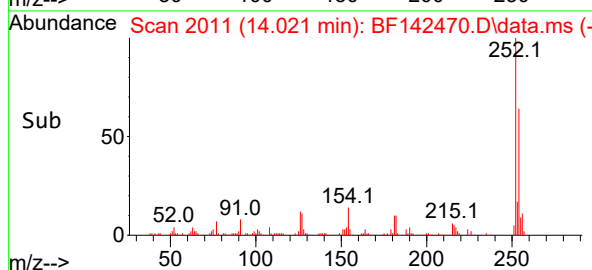
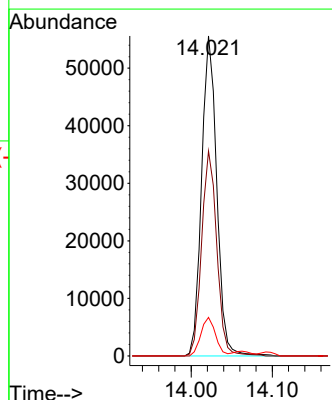
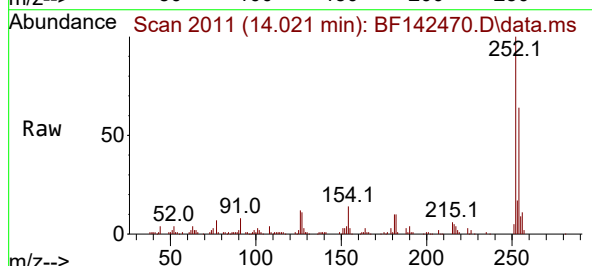
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

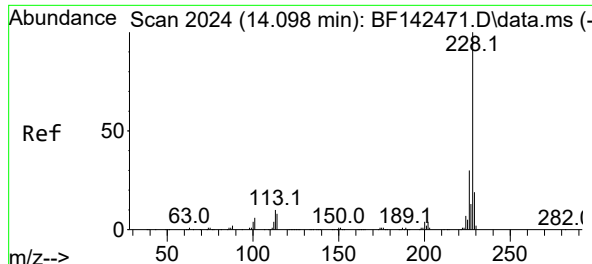
Tgt Ion:228 Resp: 251858
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 19.865 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:252 Resp: 72218
Ion Ratio Lower Upper
252 100
254 64.1 52.0 78.0
126 12.1 8.9 13.3





#83

Chrysene

Concen: 19.890 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

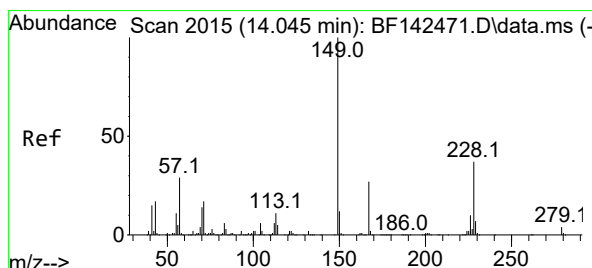
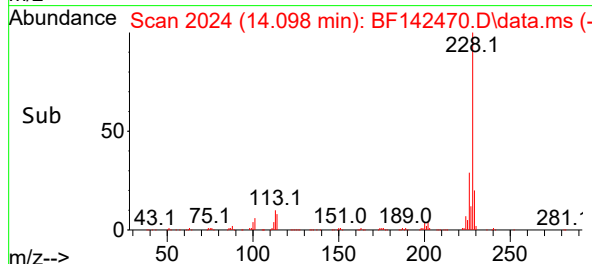
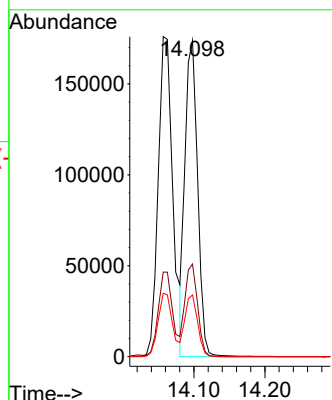
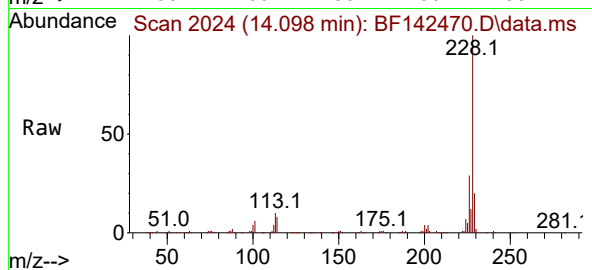
Tgt Ion:228 Resp: 214213

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

229 19.5 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.743 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

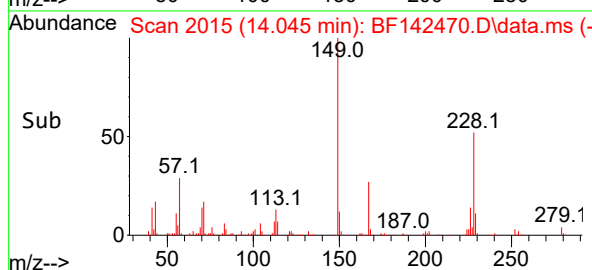
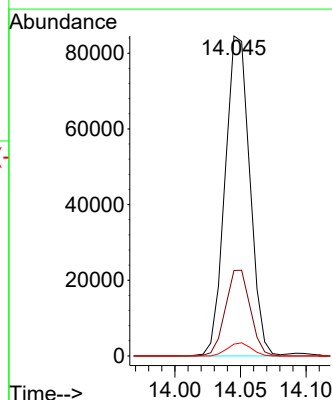
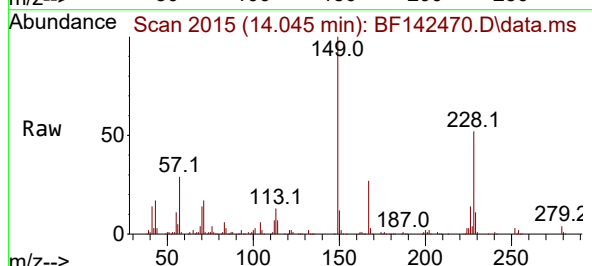
Tgt Ion:149 Resp: 111015

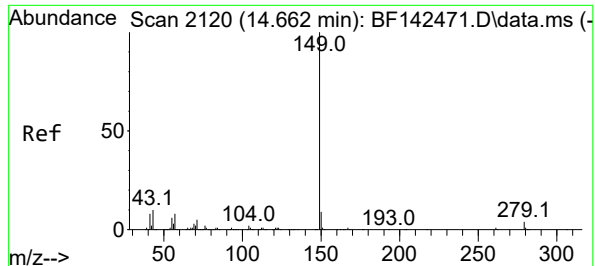
Ion Ratio Lower Upper

149 100

167 26.7 21.5 32.3

279 3.7 3.2 4.8

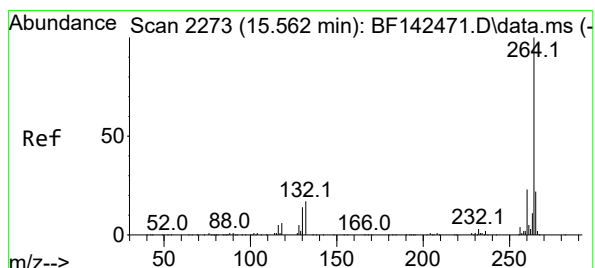
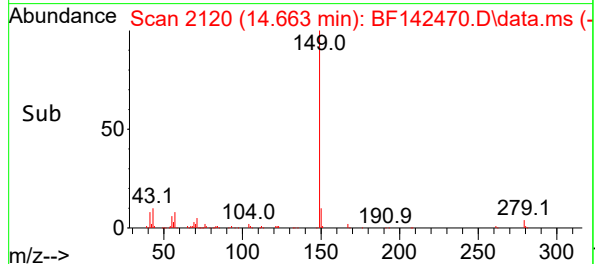
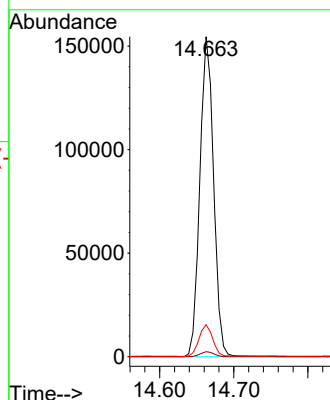
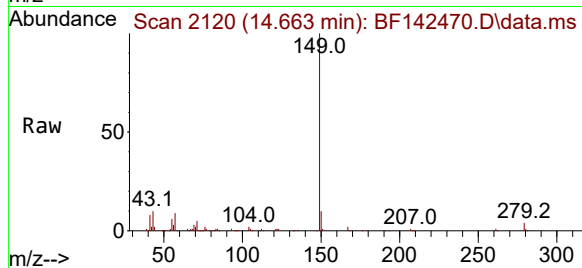




#85
Di-n-octyl phthalate
Concen: 17.166 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

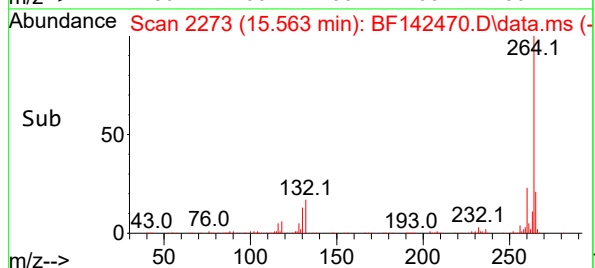
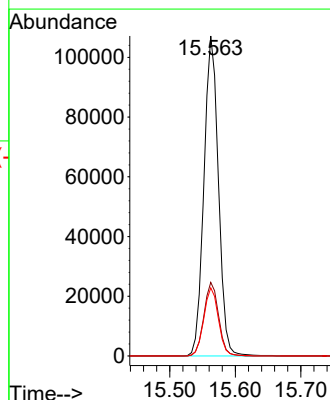
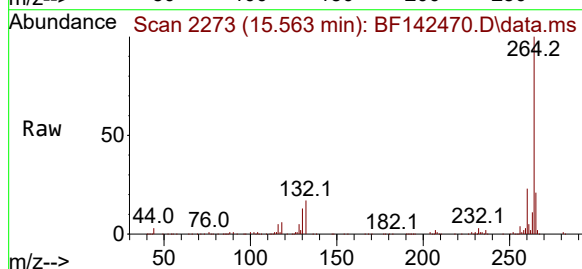
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

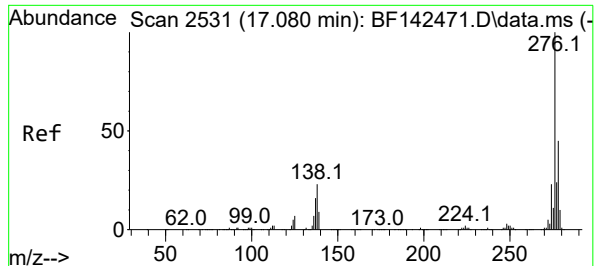
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	7.9	11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.3	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 21.080 ng

RT: 17.074 min Scan# 2198

Delta R.T. -0.018 min

Lab File: BF142470.D

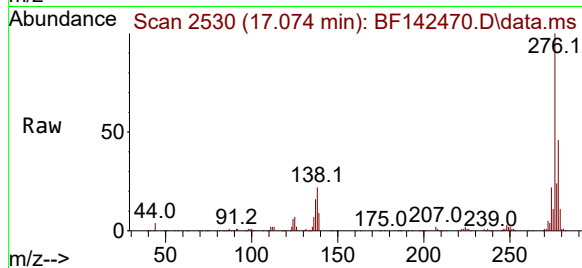
Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



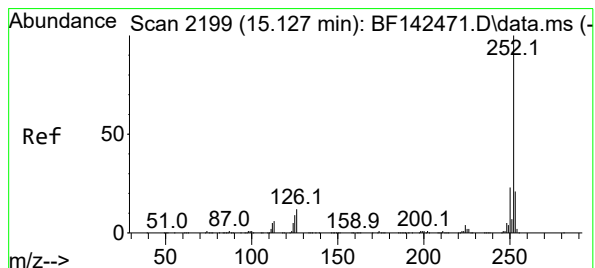
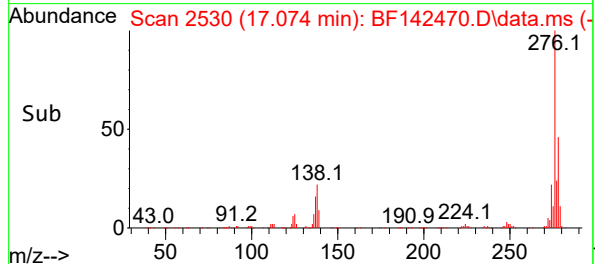
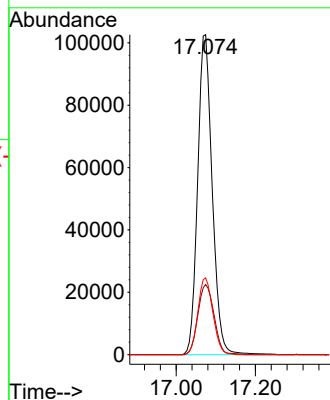
Tgt Ion:276 Resp: 261271

Ion Ratio Lower Upper

276 100

138 24.3 19.9 29.9

277 24.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 21.849 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

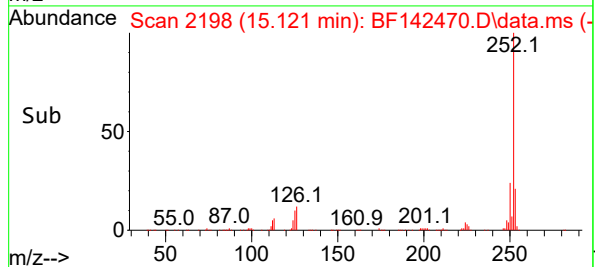
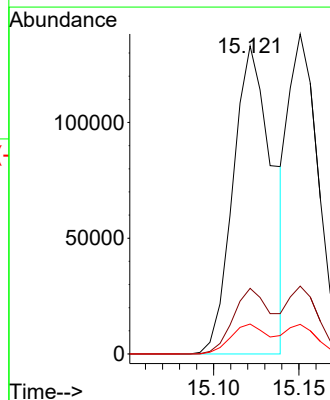
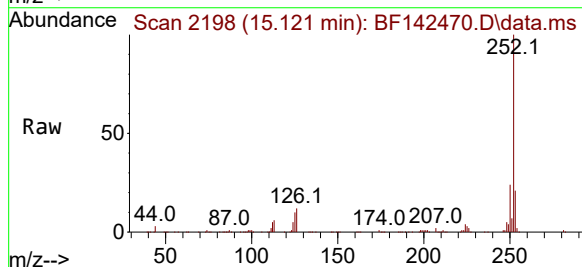
Tgt Ion:252 Resp: 213487

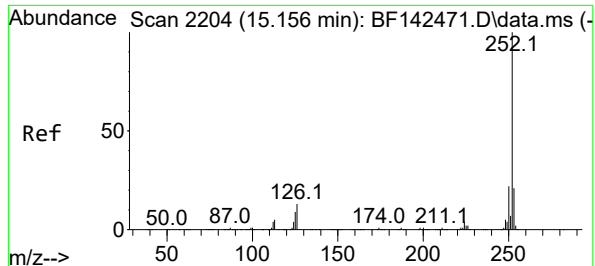
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.4

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 18.611 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

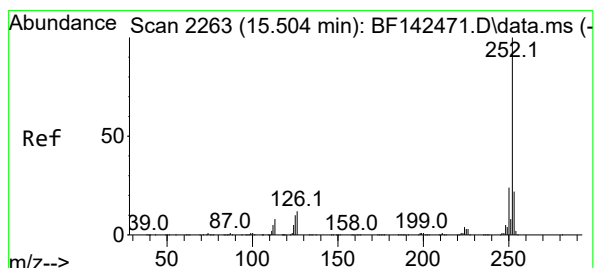
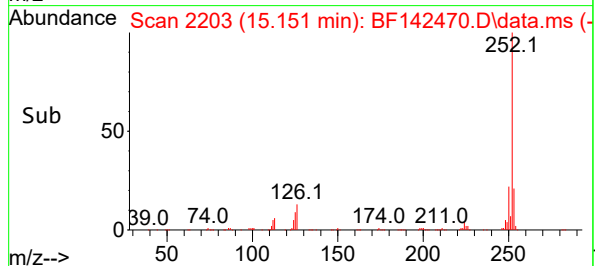
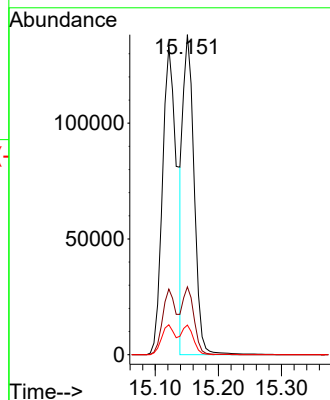
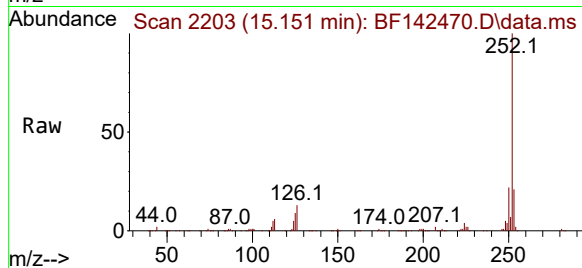
Tgt Ion:252 Resp: 170316

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 9.3 7.3 10.9



#90

Benzo(a)pyrene

Concen: 19.976 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

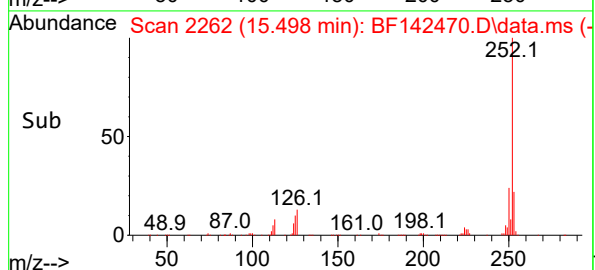
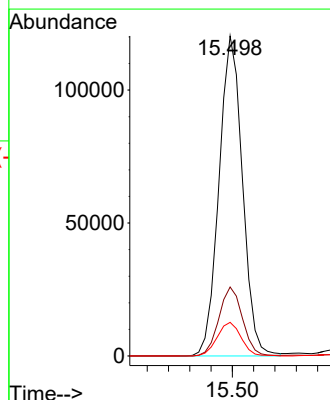
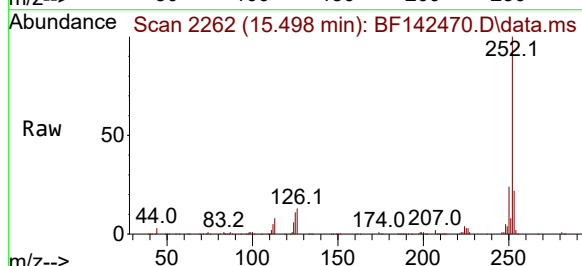
Tgt Ion:252 Resp: 183983

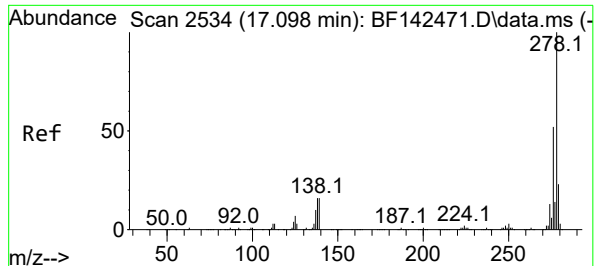
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.5 7.9 11.9

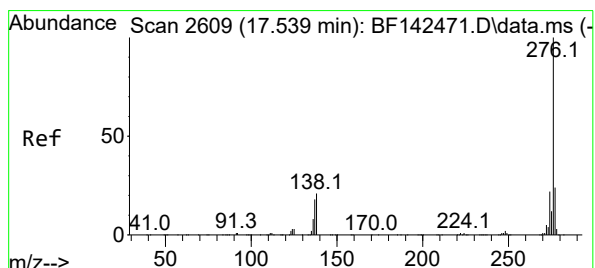
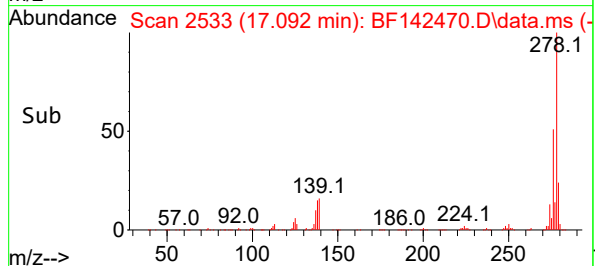
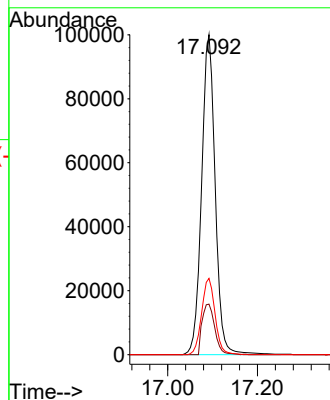
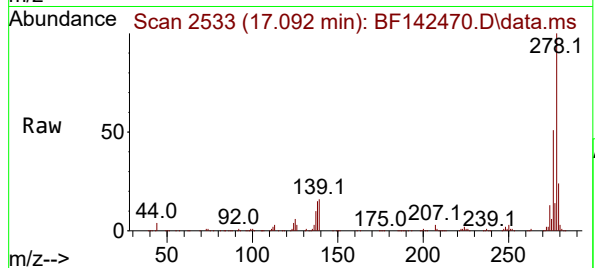




#91
Dibenzo(a,h)anthracene
Concen: 20.946 ng
RT: 17.092 min Scan# 210557
Delta R.T. -0.023 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

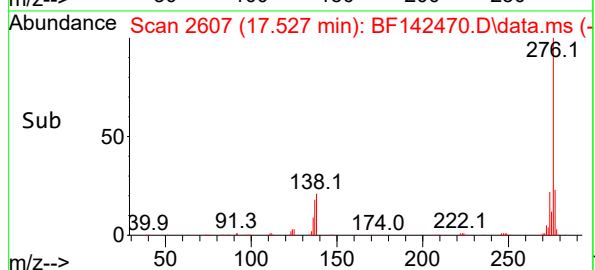
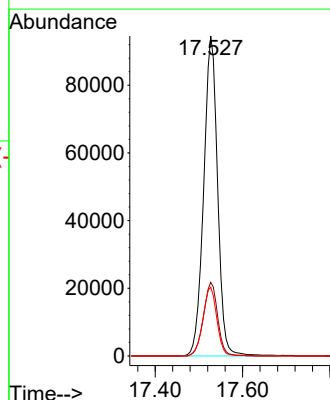
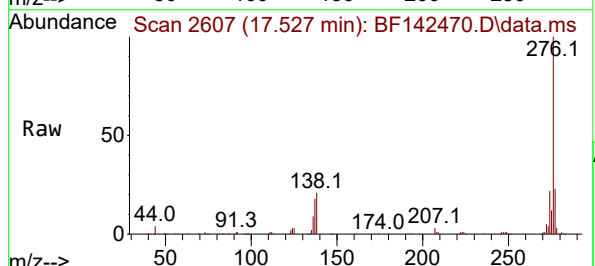
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 210557
Ion Ratio Lower Upper
278 100
139 15.8 12.8 19.2
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 20.859 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.029 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:276 Resp: 209719
Ion Ratio Lower Upper
276 100
277 23.0 19.2 28.8
138 21.5 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142471.D
 Acq On : 20 May 2025 14:05
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: May 20 16:55:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	97580	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	377433	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	206343	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	343068	20.000	ng	0.00
76) Chrysene-d12	14.074	240	169022	20.000	ng	0.00
86) Perylene-d12	15.562	264	189289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	439258	75.840	ng	0.00
7) Phenol-d6	6.522	99	533569	76.529	ng	-0.01
23) Nitrobenzene-d5	7.463	82	537832	77.702	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	174483	76.189	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1144883	74.452	ng	0.00
79) Terphenyl-d14	13.015	244	962300	77.802	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.669	88	89364	38.557	ng	100
3) Pyridine	3.440	79	228376	38.694	ng	100
4) n-Nitrosodimethylamine	3.387	42	120777	39.412	ng	100
6) Aniline	6.563	93	359784	38.378	ng	100
8) 2-Chlorophenol	6.686	128	244270	38.720	ng	100
9) Benzaldehyde	6.451	77	159492	38.033	ng	100
10) Phenol	6.539	94	298690	38.073	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	216144	38.275	ng	100
12) 1,3-Dichlorobenzene	6.839	146	271118	38.514	ng	100
13) 1,4-Dichlorobenzene	6.916	146	274616	38.727	ng	100
14) 1,2-Dichlorobenzene	7.069	146	258896	38.156	ng	100
15) Benzyl Alcohol	7.039	79	199176	38.657	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	364537	38.439	ng	100
17) 2-Methylphenol	7.145	107	190501	38.677	ng	100
18) Hexachloroethane	7.416	117	95436	38.543	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	164556	38.083	ng	100
20) 3+4-Methylphenols	7.304	107	243075	38.538	ng	100
22) Acetophenone	7.310	105	323676	38.740	ng	100
24) Nitrobenzene	7.486	77	243446	38.996	ng	100
25) Isophorone	7.722	82	447323	38.653	ng	100
26) 2-Nitrophenol	7.798	139	132248	39.646	ng	100
27) 2,4-Dimethylphenol	7.833	122	228588	38.858	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	274724	38.002	ng	100
29) 2,4-Dichlorophenol	8.039	162	208444	38.963	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	222613	38.342	ng	100
31) Naphthalene	8.210	128	710368	38.223	ng	100
32) Benzoic acid	7.939	122	142061	39.672	ng	100
33) 4-Chloroaniline	8.251	127	293373	38.957	ng	100
34) Hexachlorobutadiene	8.322	225	141200	38.949	ng	100
35) Caprolactam	8.622	113	59309	39.473	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	212728	38.800	ng	100
37) 2-Methylnaphthalene	8.898	142	445368	38.092	ng	100
38) 1-Methylnaphthalene	8.998	142	464365	38.397	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	227685	38.439	ng	100
41) Hexachlorocyclopentadiene	9.051	237	162314	40.622	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	153308	38.383	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142471.D
 Acq On : 20 May 2025 14:05
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: May 20 16:55:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	162880	38.667	ng	100
46) 1,1'-Biphenyl	9.363	154	610663	38.146	ng	100
47) 2-Chloronaphthalene	9.386	162	451638	38.185	ng	100
48) 2-Nitroaniline	9.480	65	133679	39.102	ng	100
49) Acenaphthylene	9.804	152	763730	38.240	ng	100
50) Dimethylphthalate	9.663	163	518078	38.051	ng	100
51) 2,6-Dinitrotoluene	9.722	165	115691	39.370	ng	100
52) Acenaphthene	9.974	154	462249	37.904	ng	100
53) 3-Nitroaniline	9.892	138	123293	38.413	ng	100
54) 2,4-Dinitrophenol	9.998	184	61452	40.477	ng	100
55) Dibenzofuran	10.145	168	662626	37.758	ng	100
56) 4-Nitrophenol	10.045	139	93606	39.526	ng	100
57) 2,4-Dinitrotoluene	10.127	165	150036	39.095	ng	100
58) Fluorene	10.492	166	507836	37.457	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	137225	39.022	ng	100
60) Diethylphthalate	10.363	149	508183	38.217	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	251129	37.706	ng	100
62) 4-Nitroaniline	10.504	138	114265	39.253	ng	100
63) Azobenzene	10.645	77	456781	38.246	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	79121	41.326	ng	100
66) n-Nitrosodiphenylamine	10.598	169	445033	37.917	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	152348	37.556	ng	100
68) Hexachlorobenzene	11.039	284	171918	38.318	ng	100
69) Atrazine	11.127	200	121790	39.072	ng	100
70) Pentachlorophenol	11.233	266	100877	39.824	ng	100
71) Phenanthrene	11.457	178	694045	37.855	ng	100
72) Anthracene	11.504	178	711162	38.007	ng	100
73) Carbazole	11.657	167	610097	38.140	ng	100
74) Di-n-butylphthalate	11.986	149	669345	38.227	ng	100
75) Fluoranthene	12.645	202	643610	37.569	ng	100
77) Benzidine	12.763	184	269307	42.816	ng	100
78) Pyrene	12.874	202	628371	39.853	ng	100
80) Butylbenzylphthalate	13.486	149	177841	40.819	ng	100
81) Benzo(a)anthracene	14.062	228	431998	38.276	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	137438	40.148	ng	100
83) Chrysene	14.098	228	387081	38.168	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	227555	40.800	ng	100
85) Di-n-octyl phthalate	14.662	149	427995	39.246	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	548309	38.584	ng	100
88) Benzo(b)fluoranthene	15.127	252	426174	38.041	ng	100
89) Benzo(k)fluoranthene	15.156	252	394567	37.603	ng	100
90) Benzo(a)pyrene	15.504	252	409312	38.761	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	448372	38.903	ng	100
92) Benzo(g,h,i)perylene	17.539	276	446674	38.747	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Abundance

TIC: BF142471.D\data.ms

Time-->

1,4-Dioxane

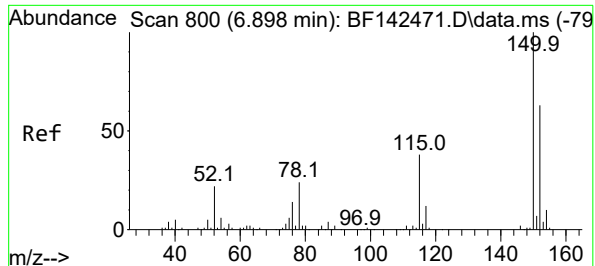
n-Nitrosodimethylaniline

2-Fluorophenol,S

3,4,5-Trifluorobenzylamine,P

2-Fluorobiphenyl,S

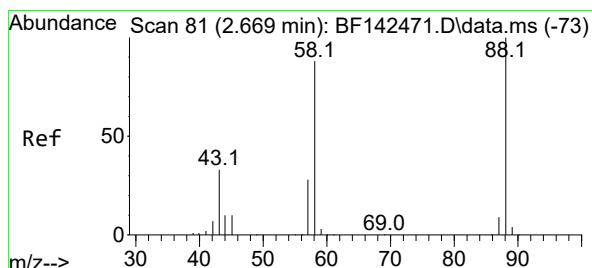
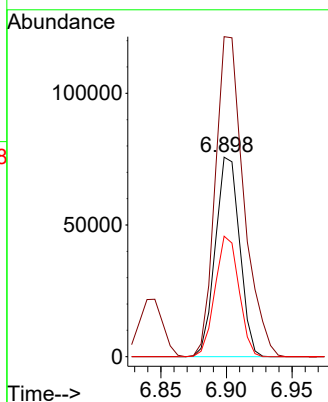
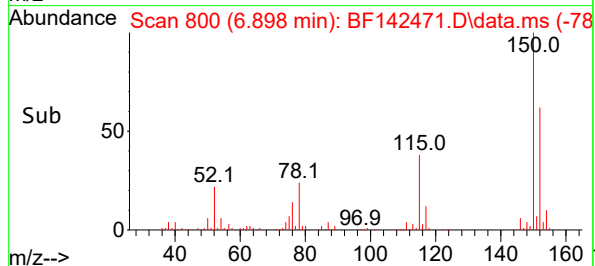
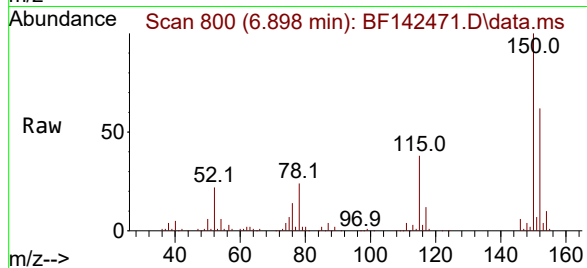
Terphenyl-d14,S



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

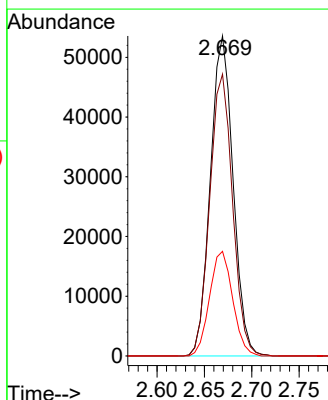
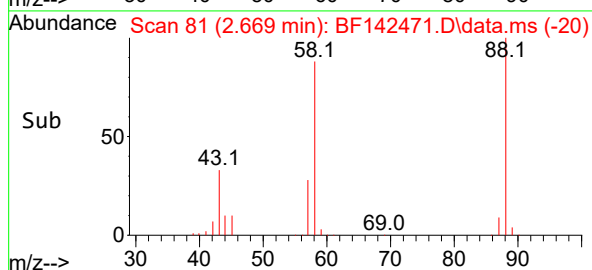
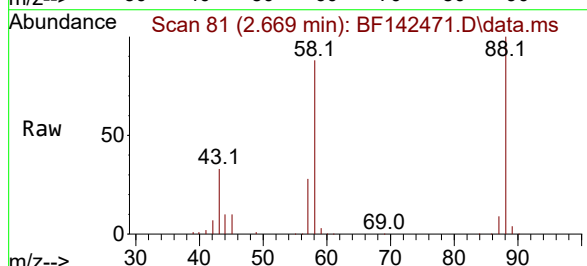
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

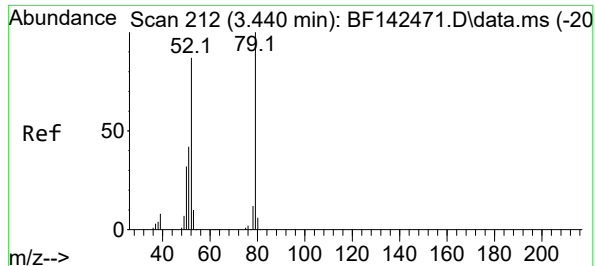
Tgt Ion:152 Resp: 97580
Ion Ratio Lower Upper
152 100
150 160.3 128.2 192.4
115 60.4 48.3 72.5



#2
1,4-Dioxane
Concen: 38.557 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 88 Resp: 89364
Ion Ratio Lower Upper
88 100
58 88.5 70.8 106.2
43 33.3 26.6 40.0





#3

Pyridine

Concen: 38.694 ng

RT: 3.440 min Scan# 212

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

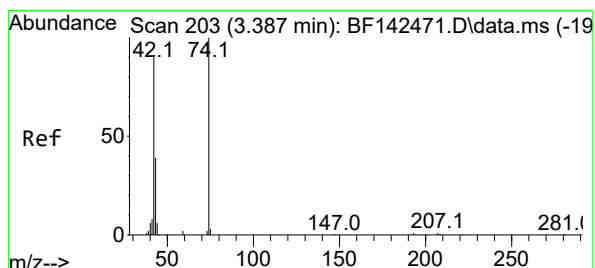
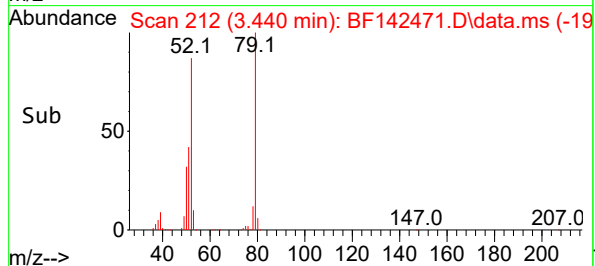
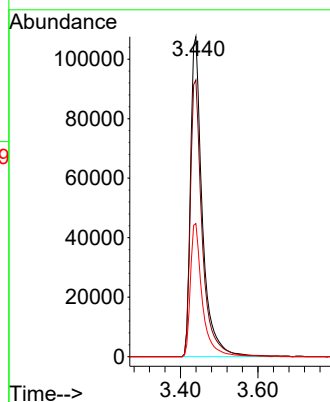
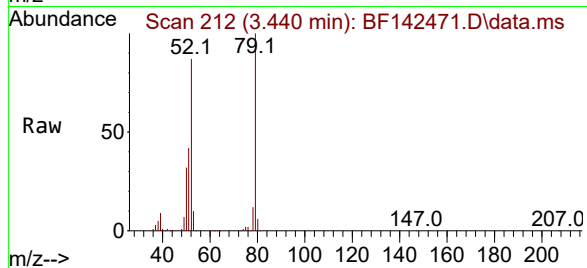
Tgt Ion: 79 Resp: 228376

Ion Ratio Lower Upper

79 100

52 86.5 69.2 103.8

51 41.6 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 39.412 ng

RT: 3.387 min Scan# 203

Delta R.T. -0.018 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

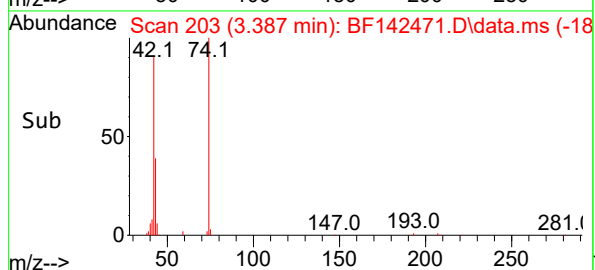
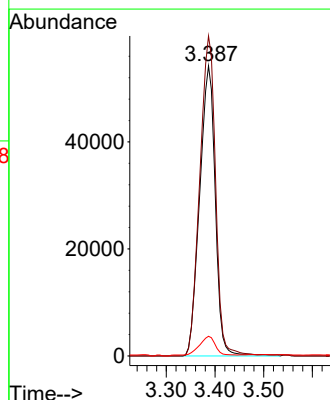
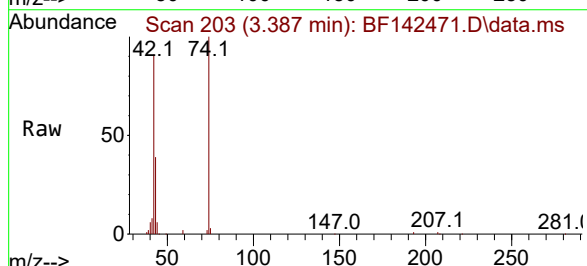
Tgt Ion: 42 Resp: 120777

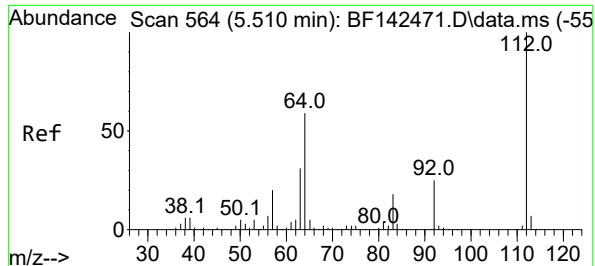
Ion Ratio Lower Upper

42 100

74 110.3 88.2 132.4

44 6.8 5.4 8.2

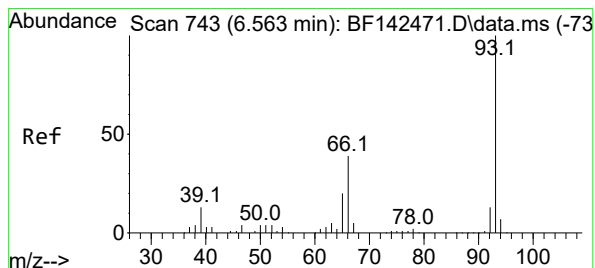
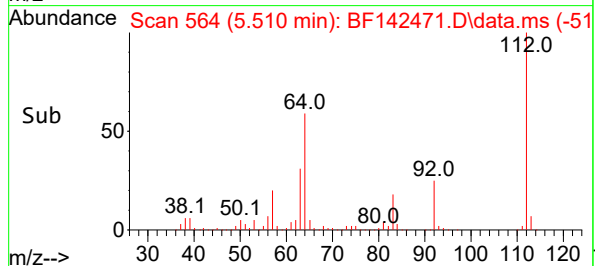
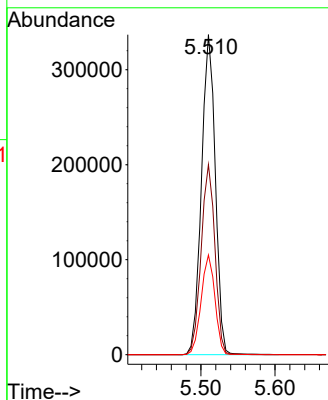
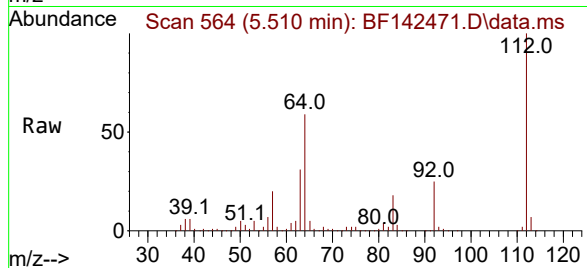




#5
2-Fluorophenol
Concen: 75.840 ng
RT: 5.510 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

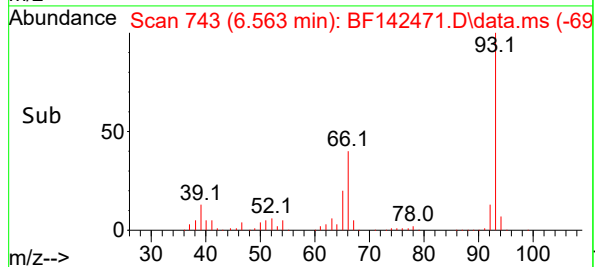
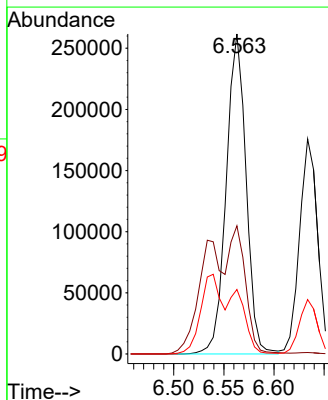
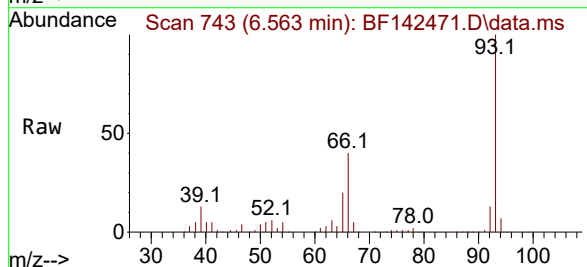
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

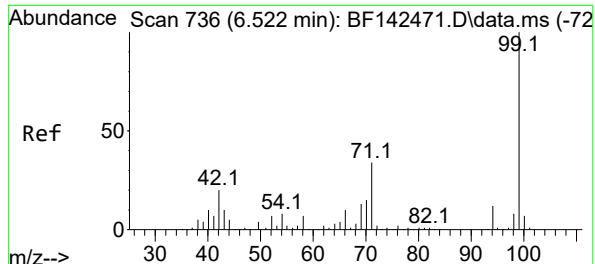
Tgt Ion:112 Resp: 439258
Ion Ratio Lower Upper
112 100
64 59.4 47.5 71.3
63 31.1 24.9 37.3



#6
Aniline
Concen: 38.378 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 93 Resp: 359784
Ion Ratio Lower Upper
93 100
66 40.0 32.0 48.0
65 20.1 16.1 24.1





#7

Phenol-d6

Concen: 76.529 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

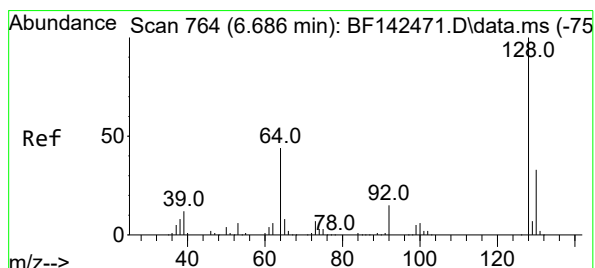
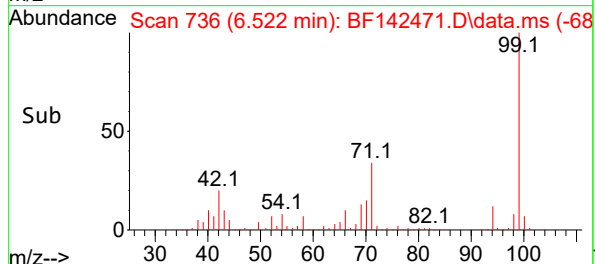
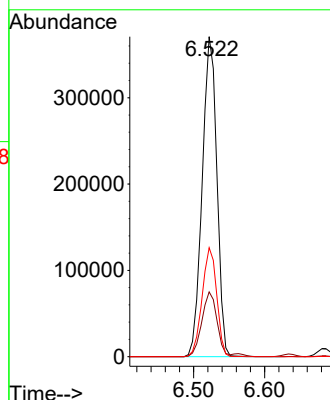
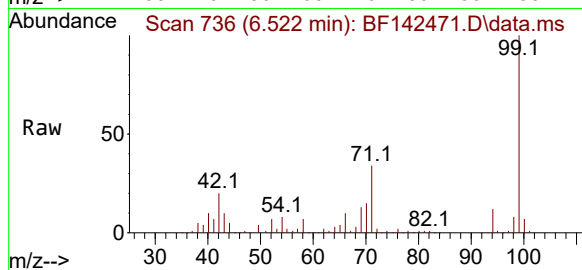
Tgt Ion: 99 Resp: 533569

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.2

71 34.1 27.3 40.9



#8

2-Chlorophenol

Concen: 38.720 ng

RT: 6.686 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

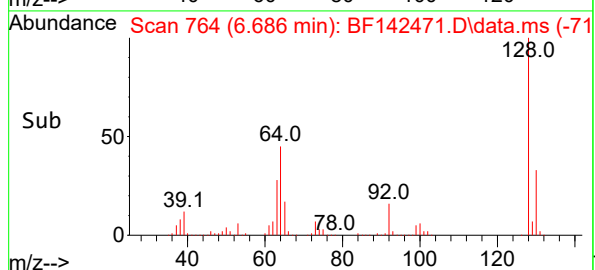
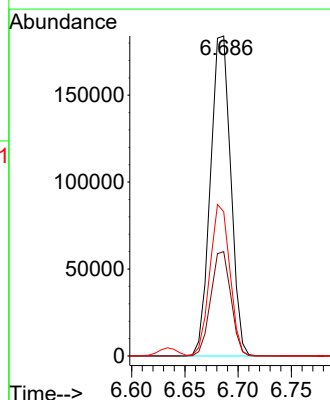
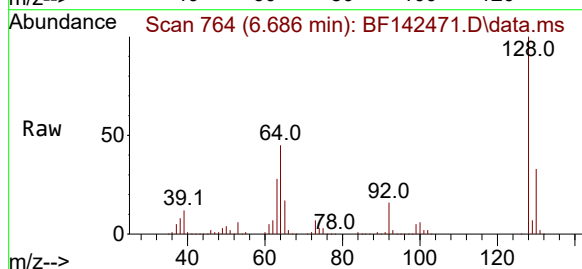
Tgt Ion: 128 Resp: 244270

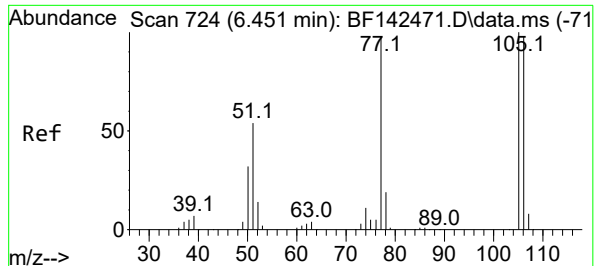
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 45.1 25.1 65.1

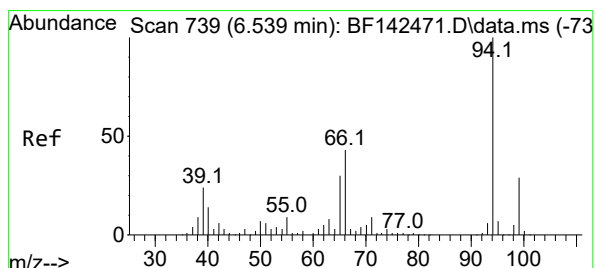
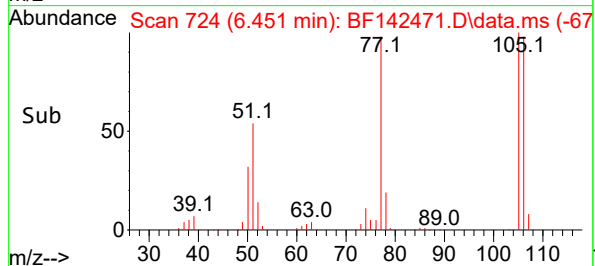
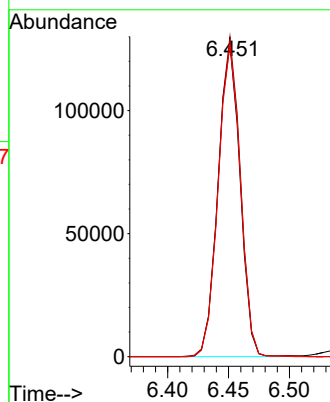
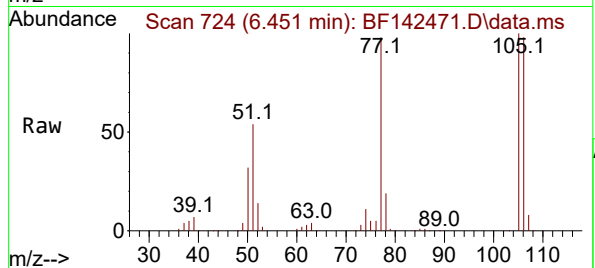




#9
Benzaldehyde
Concen: 38.033 ng
RT: 6.451 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

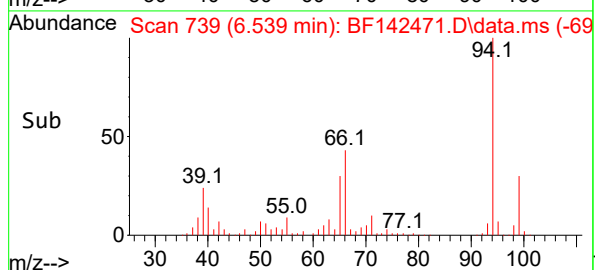
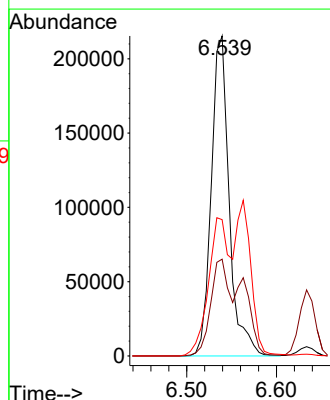
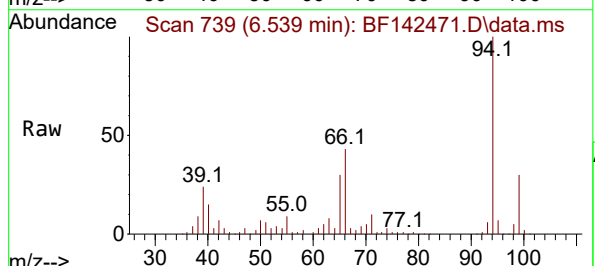
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

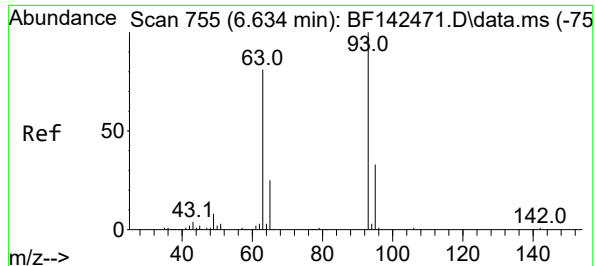
Tgt Ion: 77 Resp: 159492
Ion Ratio Lower Upper
77 100
105 102.5 82.5 122.5
106 100.0 80.0 120.0



#10
Phenol
Concen: 38.073 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 94 Resp: 298690
Ion Ratio Lower Upper
94 100
65 30.3 10.3 50.3
66 42.6 22.6 62.6

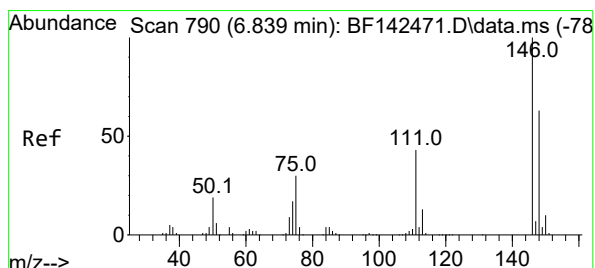
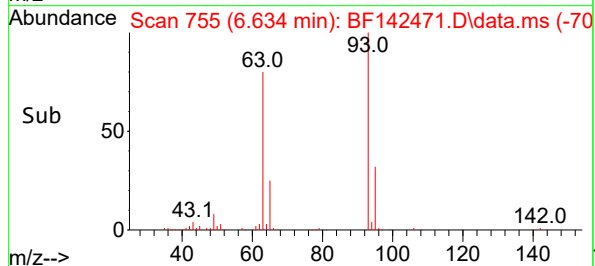
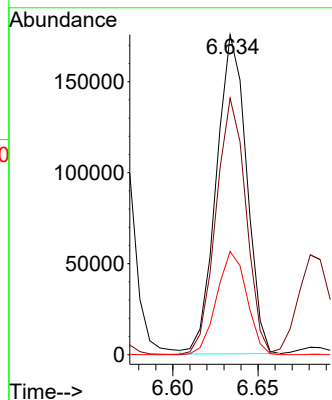
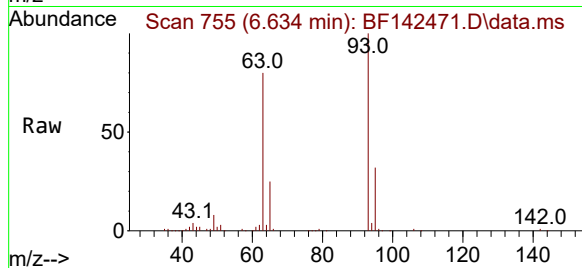




#11
bis(2-Chloroethyl)ether
Concen: 38.275 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

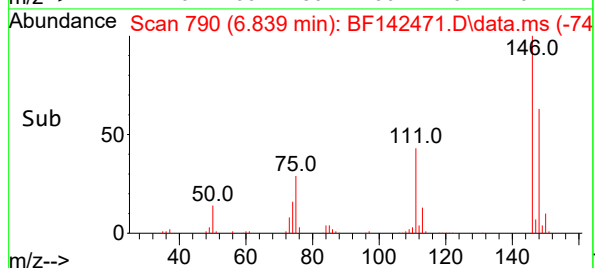
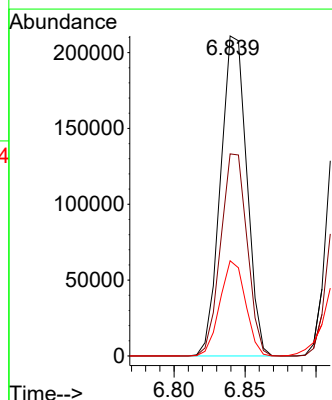
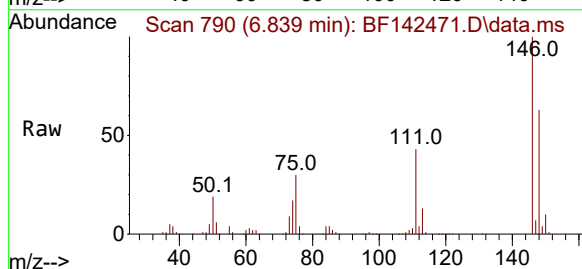
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

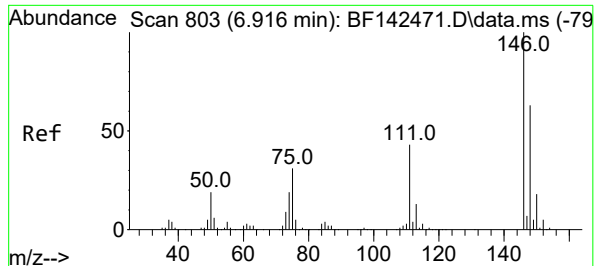
Tgt Ion: 93 Resp: 216144
Ion Ratio Lower Upper
93 100
63 80.2 60.2 100.2
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.514 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 146 Resp: 271118
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
75 29.7 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 38.727 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

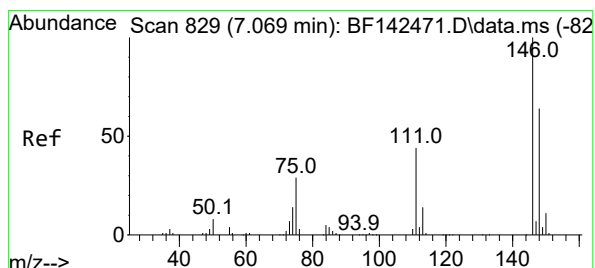
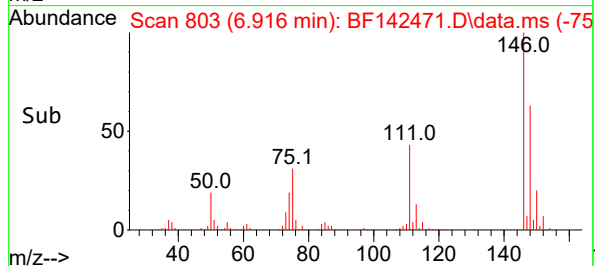
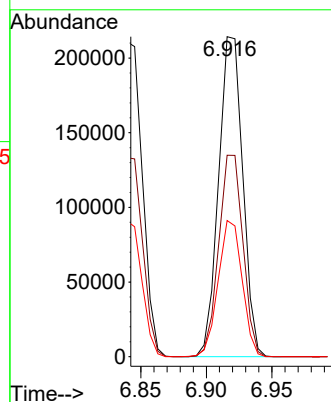
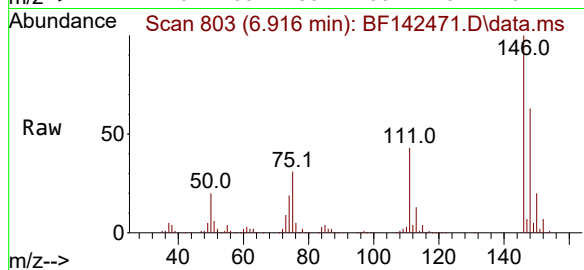
Tgt Ion:146 Resp: 274616

Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 42.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 38.156 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

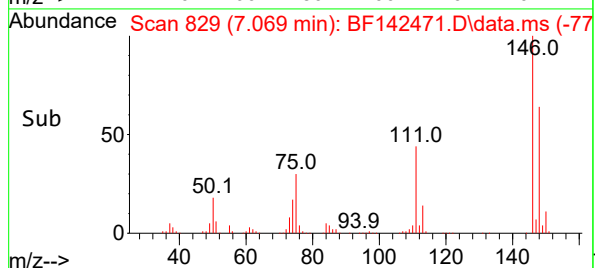
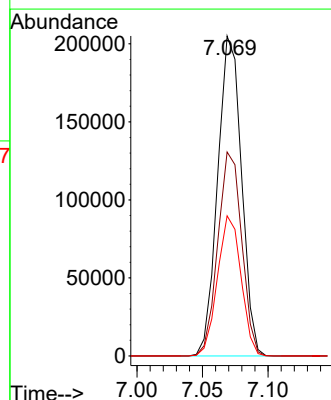
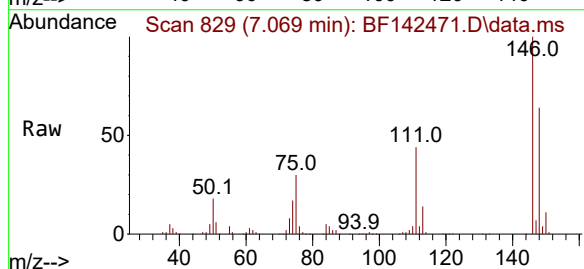
Tgt Ion:146 Resp: 258896

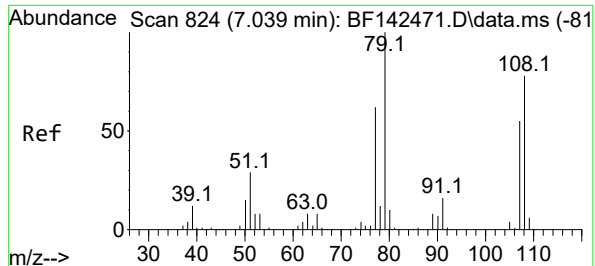
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 43.8 35.0 52.6





#15

Benzyl Alcohol

Concen: 38.657 ng

RT: 7.039 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

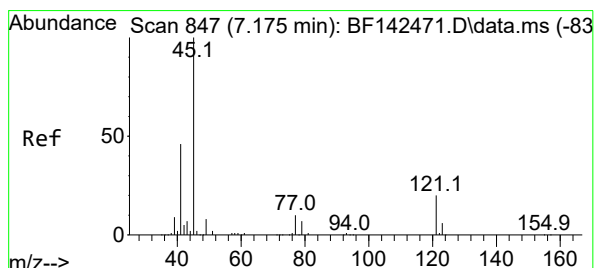
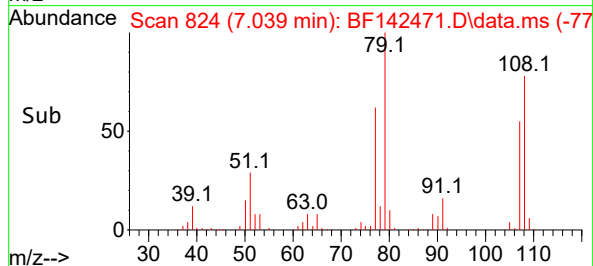
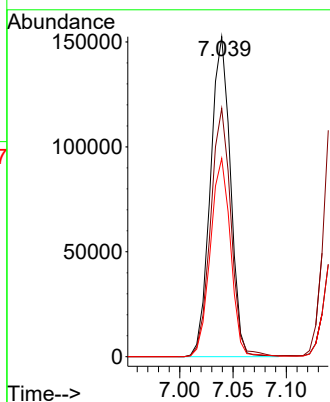
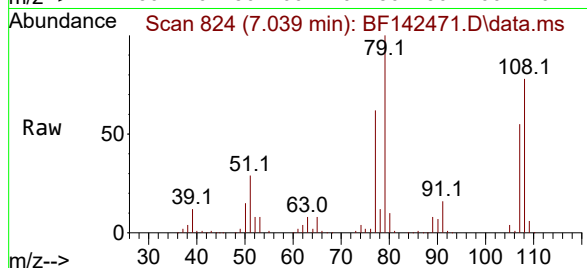
Tgt Ion: 79 Resp: 199176

Ion Ratio Lower Upper

79 100

108 77.6 62.1 93.1

77 61.9 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.439 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

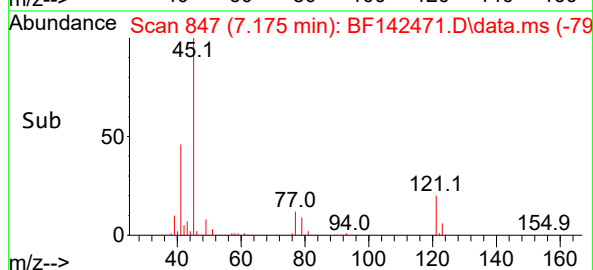
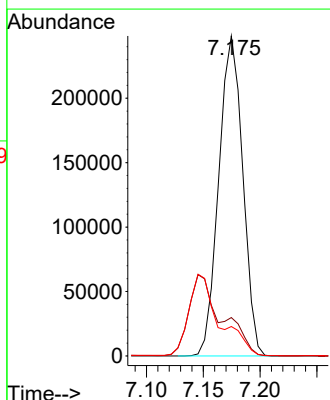
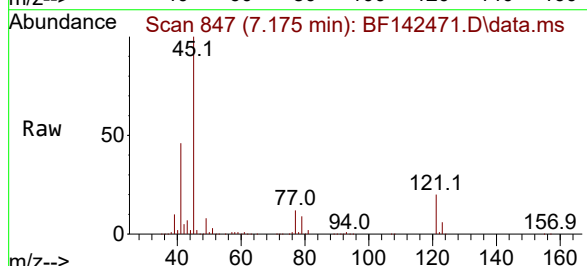
Tgt Ion: 45 Resp: 364537

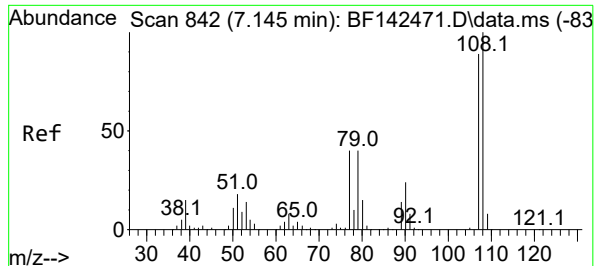
Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.0

79 9.2 0.0 29.2

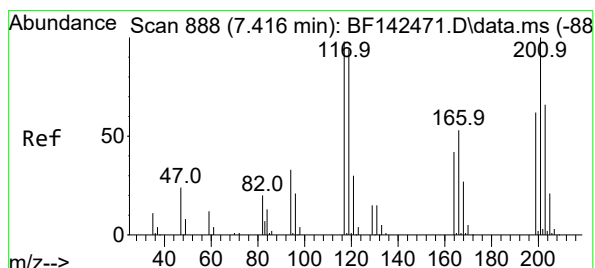
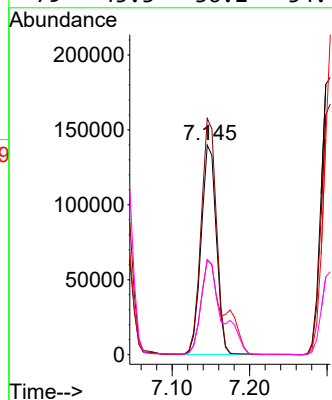
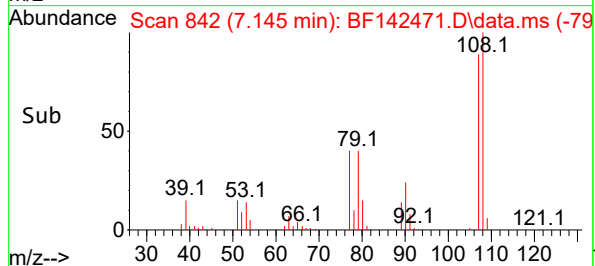
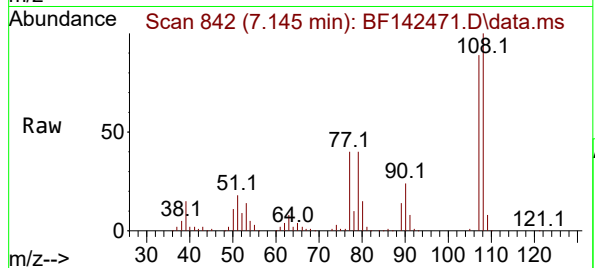




#17
2-Methylphenol
Concen: 38.677 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

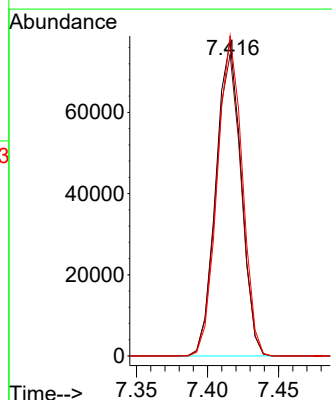
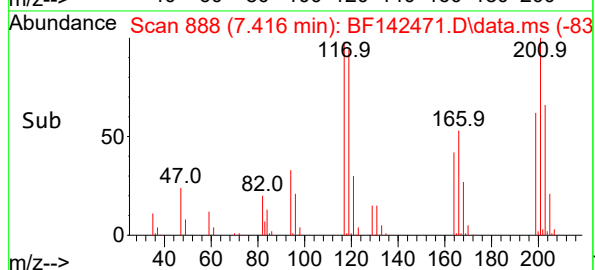
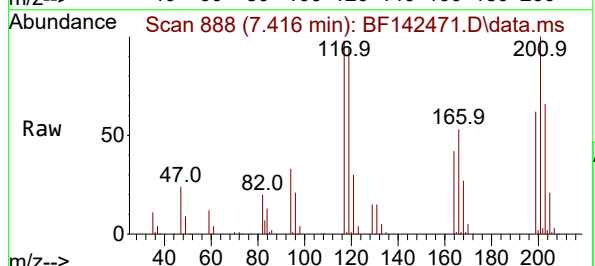
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

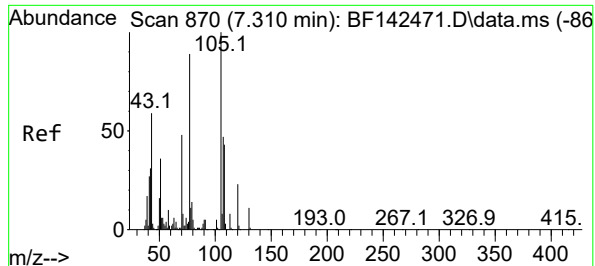
Tgt Ion:107 Resp: 190501
Ion Ratio Lower Upper
107 100
108 112.7 90.2 135.2
77 45.1 36.1 54.1
79 45.3 36.2 54.4



#18
Hexachloroethane
Concen: 38.543 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:117 Resp: 95436
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
201 101.6 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.083 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 164556

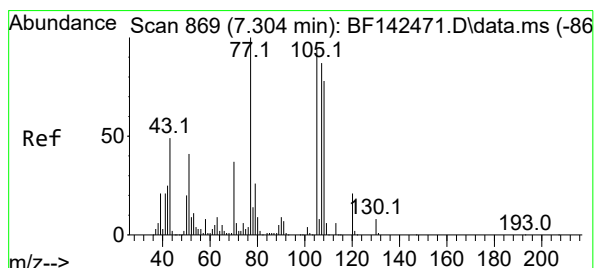
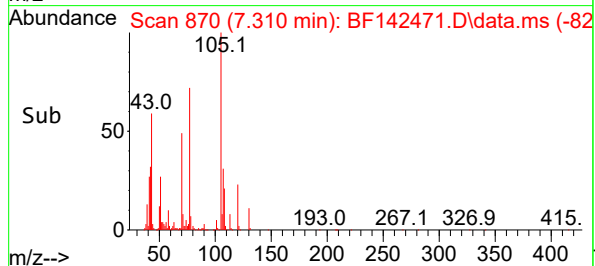
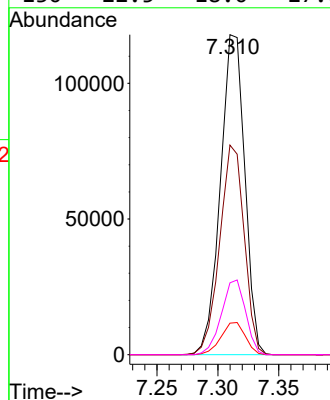
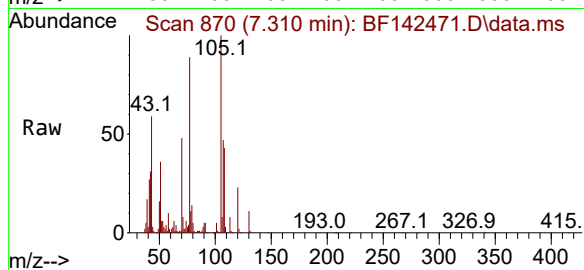
Ion Ratio Lower Upper

70 100

42 65.5 52.4 78.6

101 9.8 7.8 11.8

130 22.5 18.0 27.0



#20

3+4-Methylphenols

Concen: 38.538 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Tgt Ion: 107 Resp: 243075

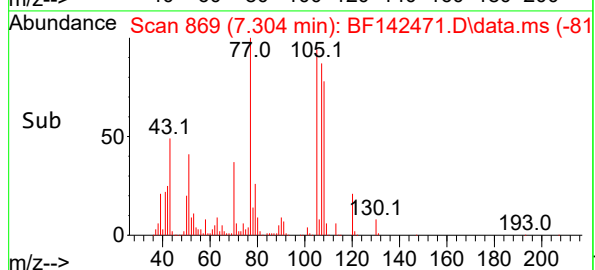
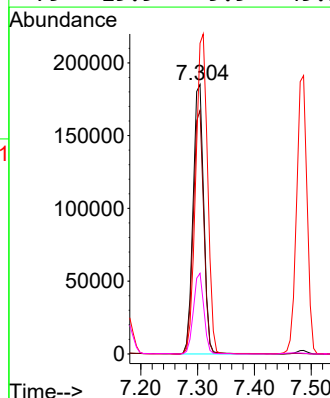
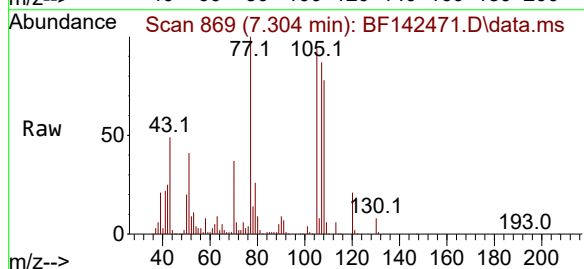
Ion Ratio Lower Upper

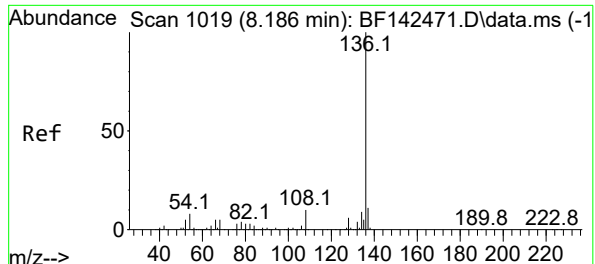
107 100

108 90.4 70.4 110.4

77 115.4 95.4 135.4

79 29.9 9.9 49.9

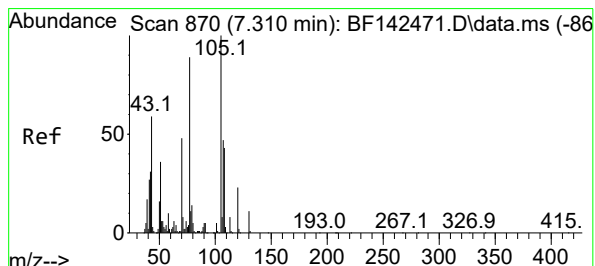
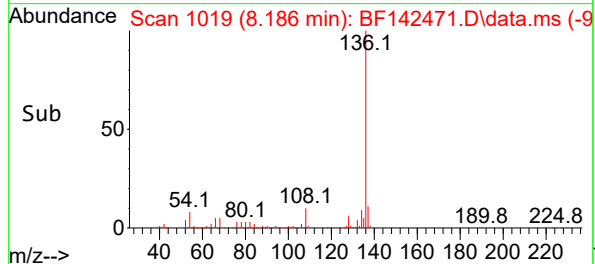
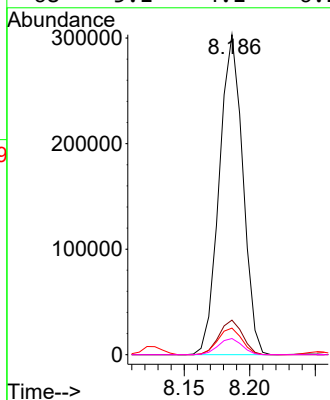
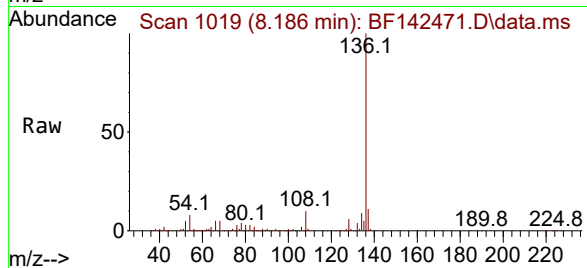




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

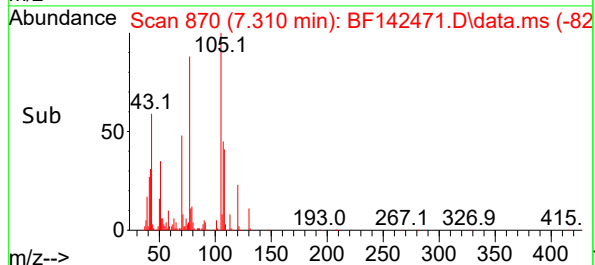
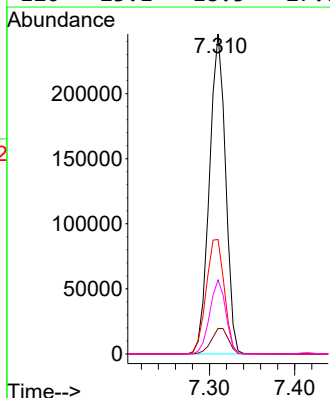
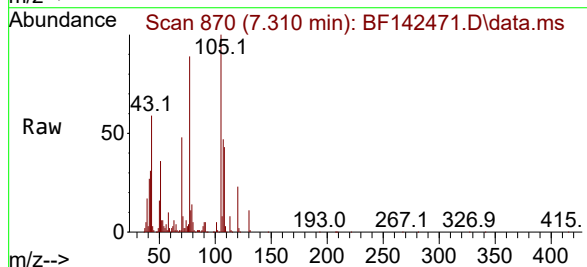
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

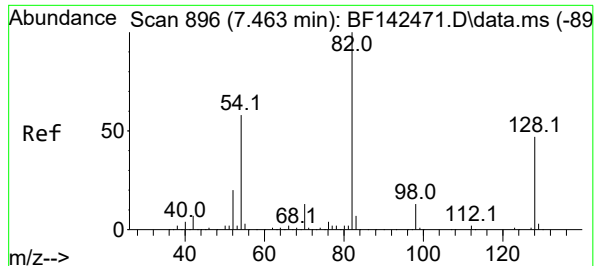
Tgt Ion:136 Resp: 377433
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 6.6 10.0
68 5.1 4.1 6.1



#22
Acetophenone
Concen: 38.740 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:105 Resp: 323676
Ion Ratio Lower Upper
105 100
71 8.0 6.4 9.6
51 35.7 28.6 42.8
120 23.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 77.702 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

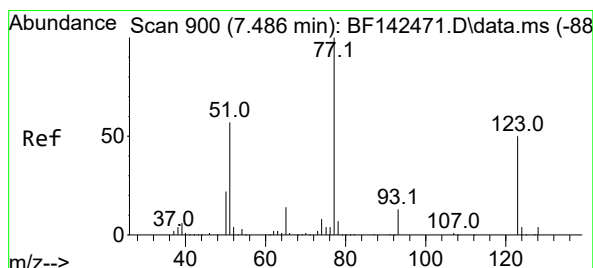
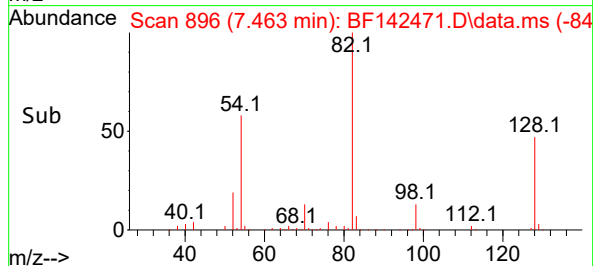
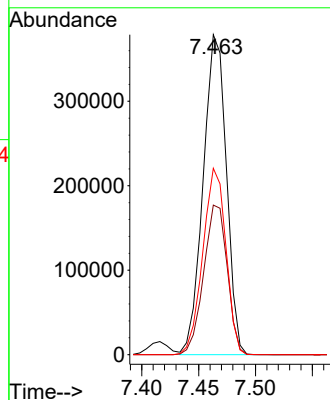
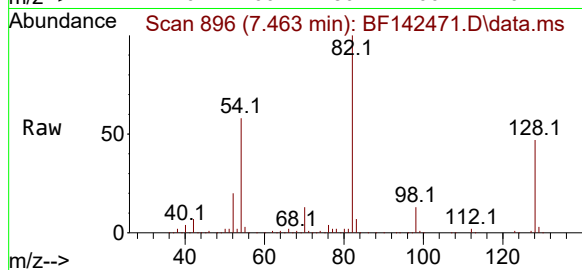
Tgt Ion: 82 Resp: 537832

Ion Ratio Lower Upper

82 100

128 46.8 37.4 56.2

54 58.3 46.6 70.0



#24

Nitrobenzene

Concen: 38.996 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

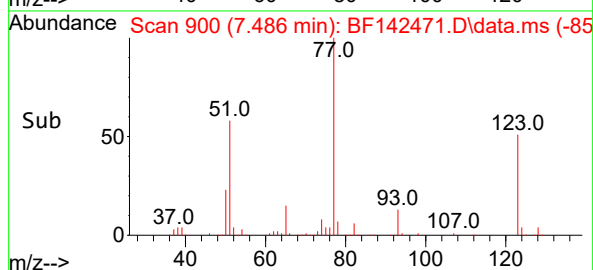
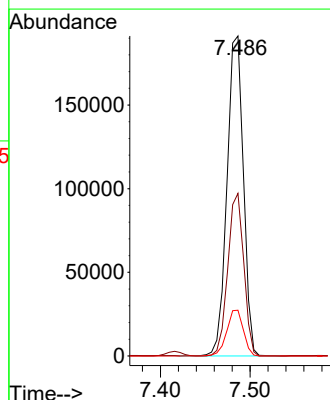
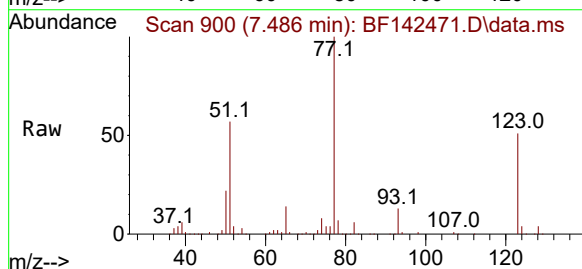
Tgt Ion: 77 Resp: 243446

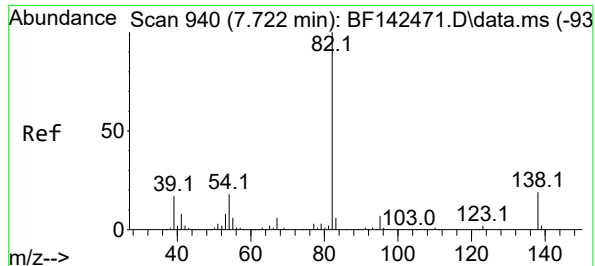
Ion Ratio Lower Upper

77 100

123 50.8 40.6 61.0

65 14.3 11.4 17.2





#25

Isophorone

Concen: 38.653 ng

RT: 7.722 min Scan# 940

Delta R.T. -0.012 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

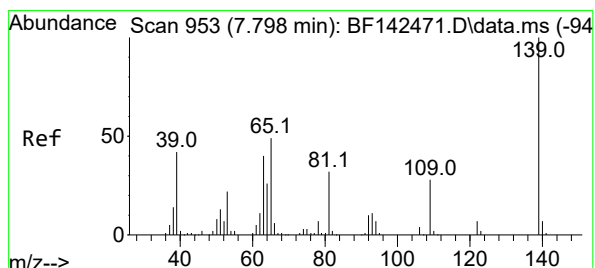
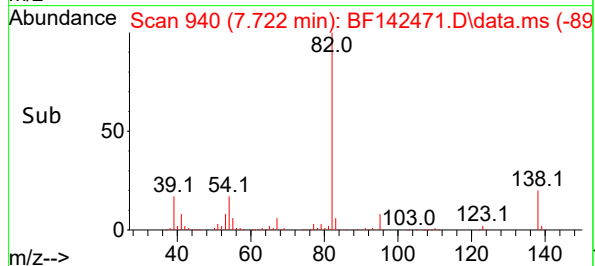
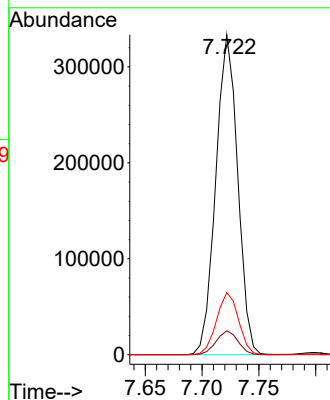
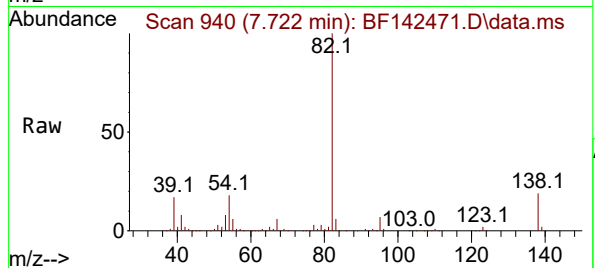
Tgt Ion: 82 Resp: 447323

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 19.4 15.5 23.3



#26

2-Nitrophenol

Concen: 39.646 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

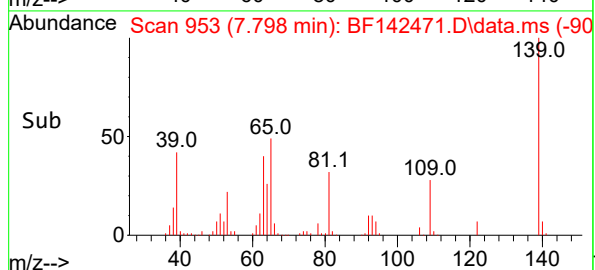
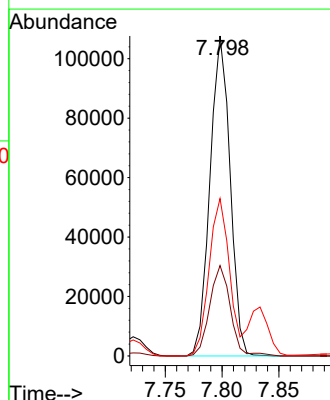
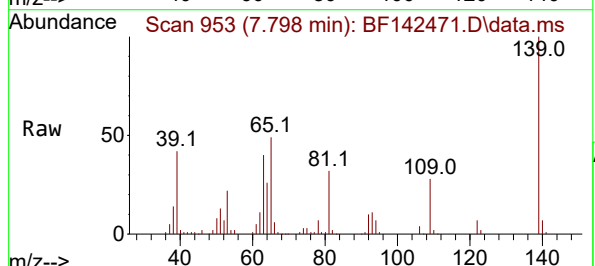
Tgt Ion:139 Resp: 132248

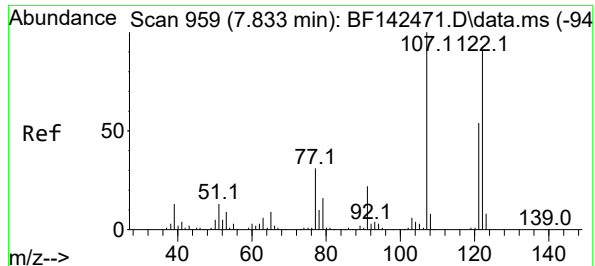
Ion Ratio Lower Upper

139 100

109 28.2 22.6 33.8

65 49.2 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 38.858 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

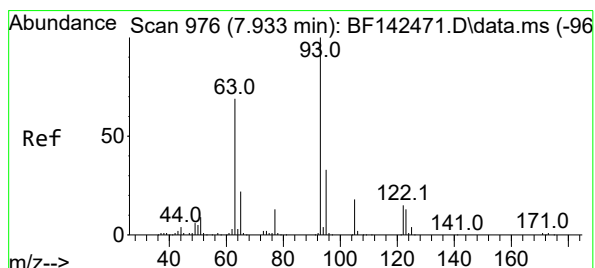
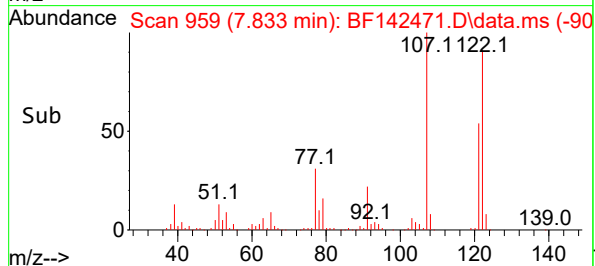
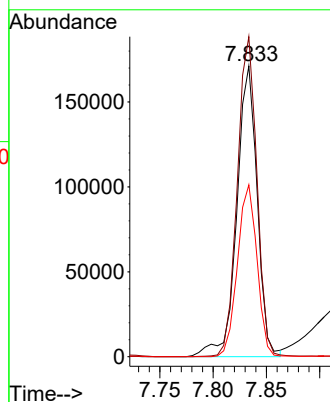
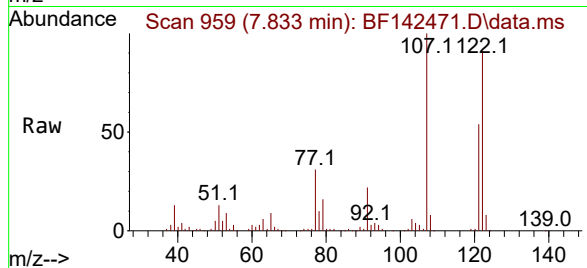
Tgt Ion:122 Resp: 228588

Ion Ratio Lower Upper

122 100

107 110.1 88.1 132.1

121 59.1 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 38.002 ng

RT: 7.933 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

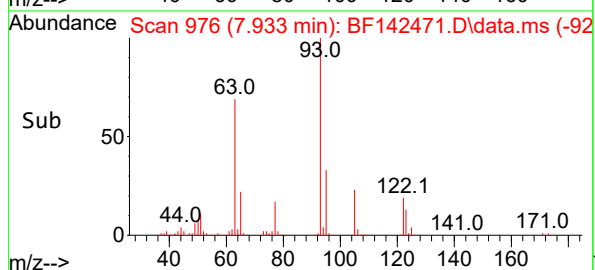
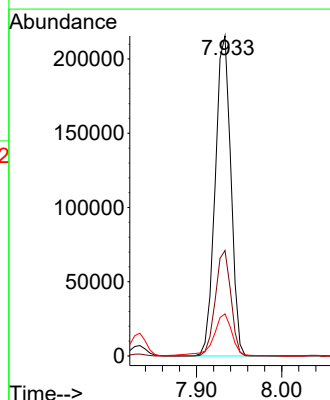
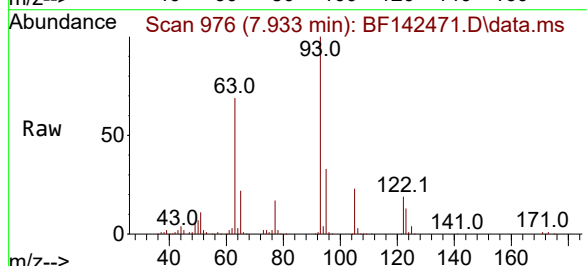
Tgt Ion: 93 Resp: 274724

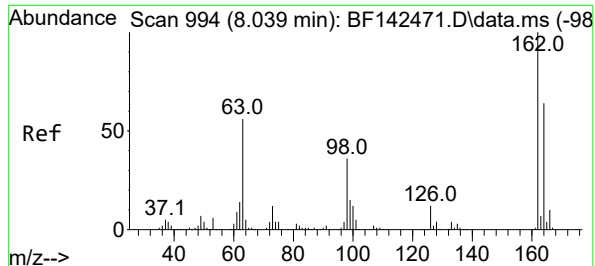
Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

123 13.2 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 38.963 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

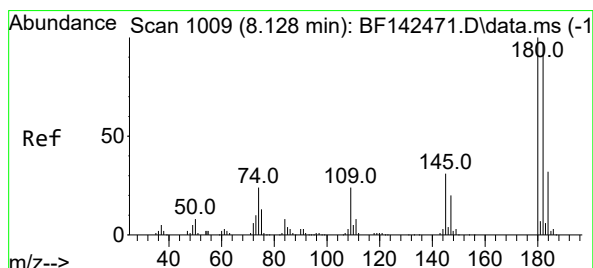
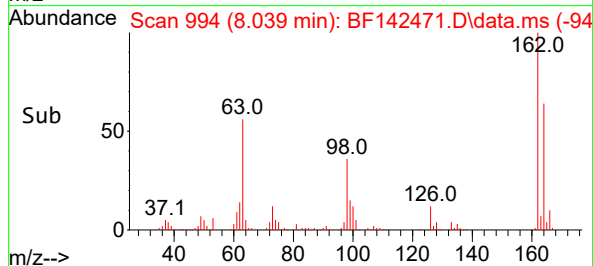
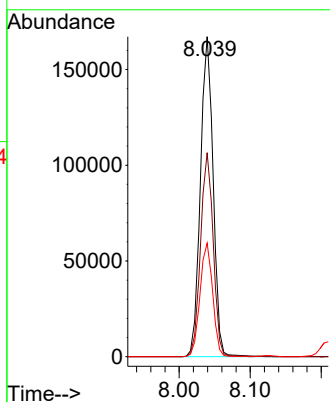
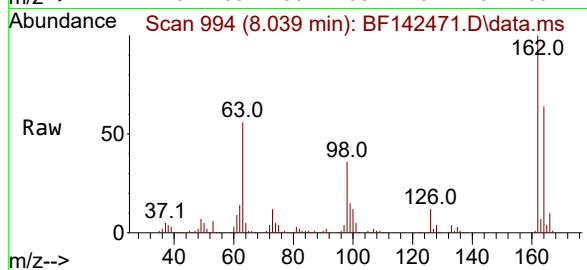
Tgt Ion:162 Resp: 208444

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 35.5 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 38.342 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

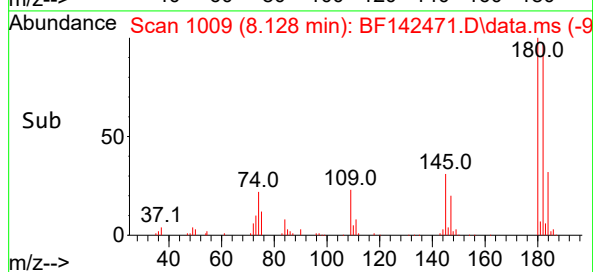
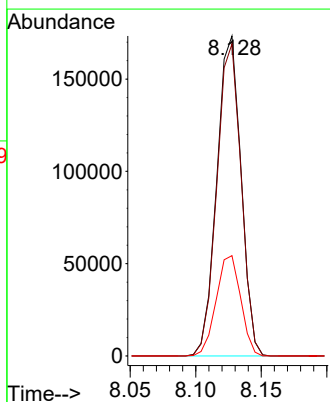
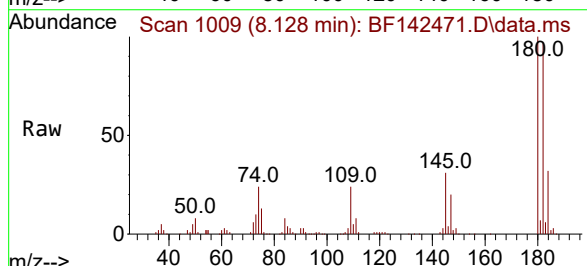
Tgt Ion:180 Resp: 222613

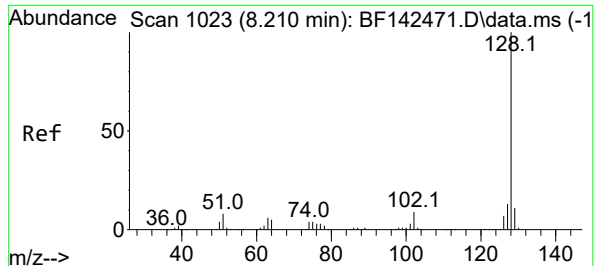
Ion Ratio Lower Upper

180 100

182 97.5 78.0 117.0

145 31.3 25.0 37.6





#31

Naphthalene

Concen: 38.223 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

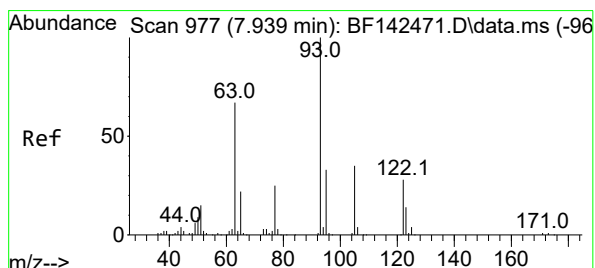
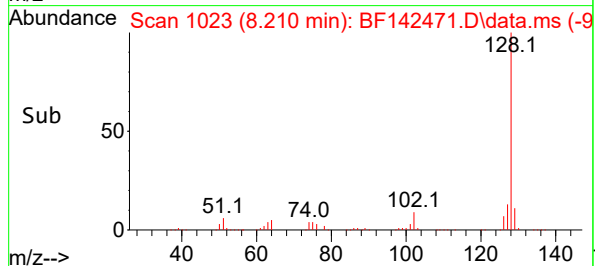
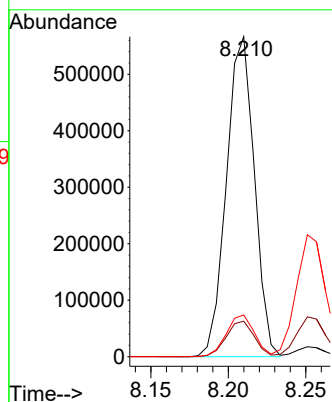
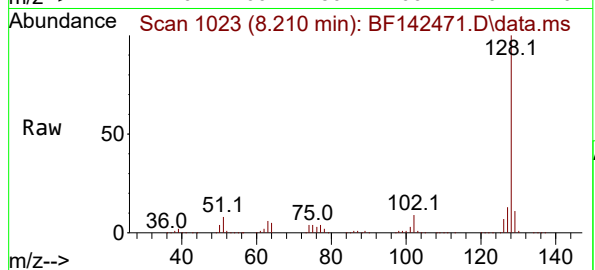
Tgt Ion:128 Resp: 710368

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 39.672 ng

RT: 7.939 min Scan# 977

Delta R.T. -0.036 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

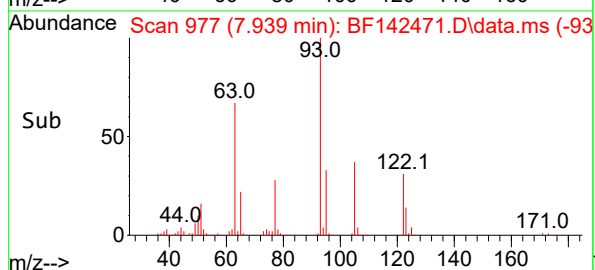
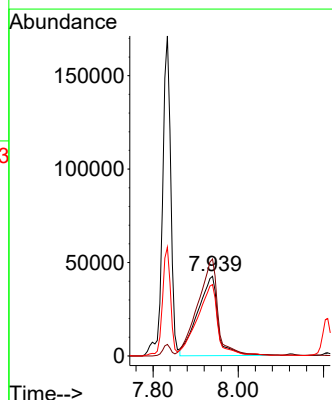
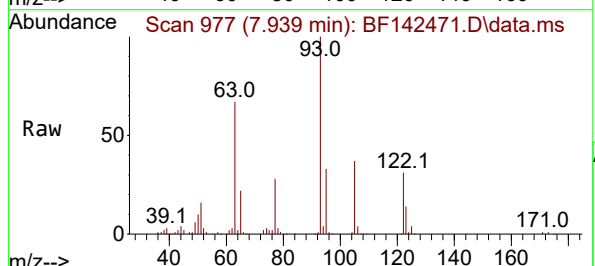
Tgt Ion:122 Resp: 142061

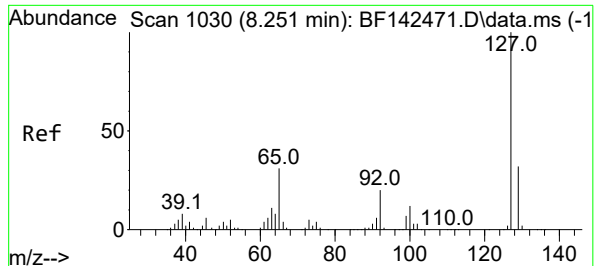
Ion Ratio Lower Upper

122 100

105 121.7 101.7 141.7

77 89.5 69.5 109.5





#33

4-Chloroaniline

Concen: 38.957 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 293373

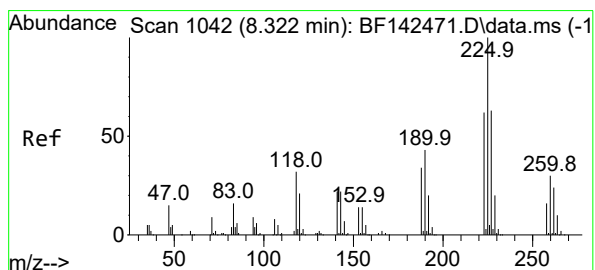
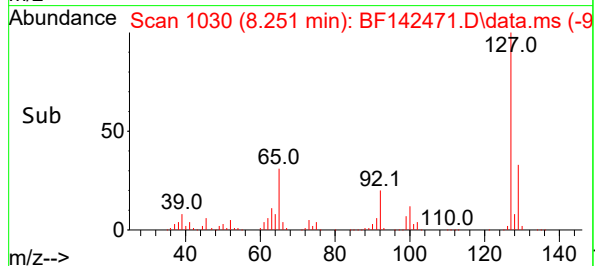
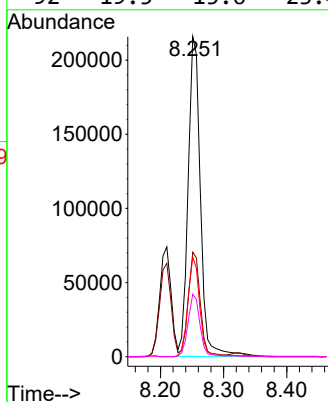
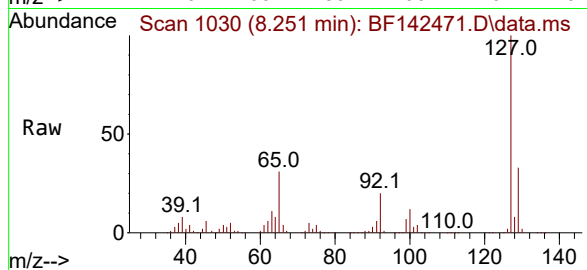
Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 31.1 24.9 37.3

92 19.5 15.6 23.4



#34

Hexachlorobutadiene

Concen: 38.949 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

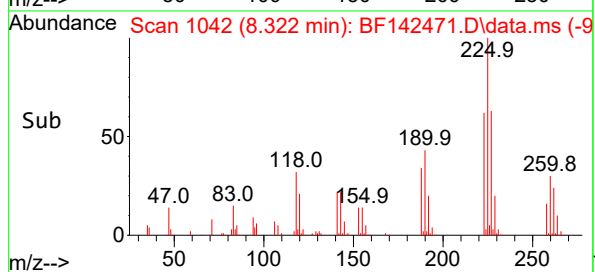
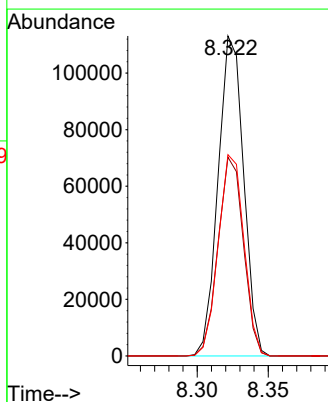
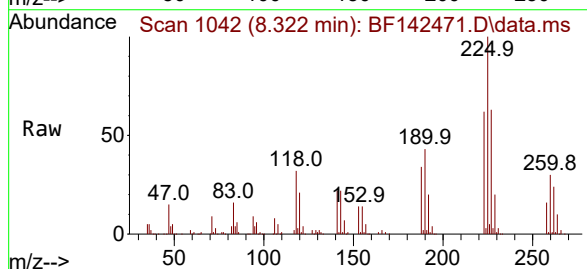
Tgt Ion:225 Resp: 141200

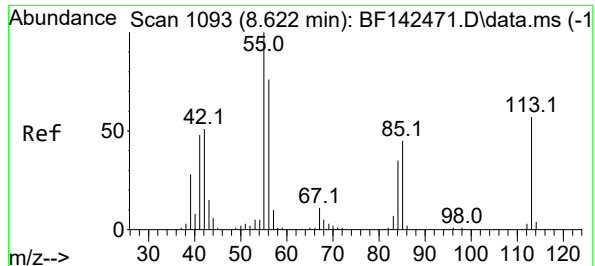
Ion Ratio Lower Upper

225 100

223 62.1 49.7 74.5

227 62.9 50.3 75.5

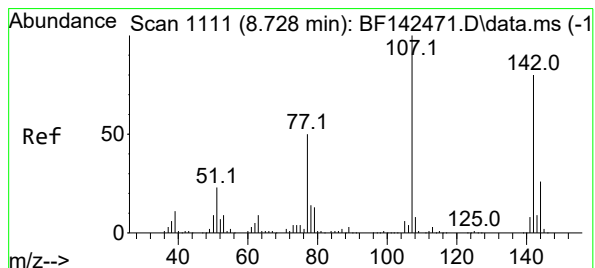
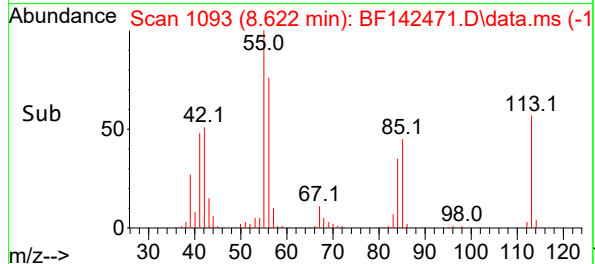
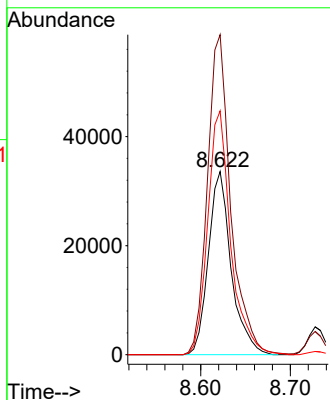
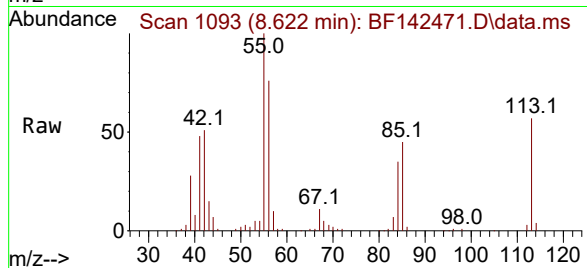




#35
Caprolactam
Concen: 39.473 ng
RT: 8.622 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

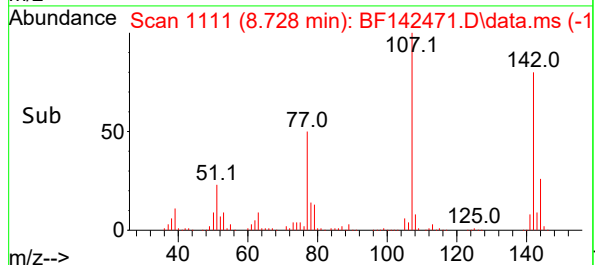
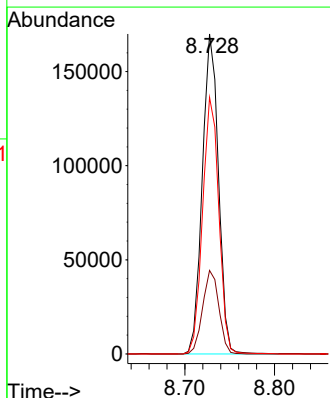
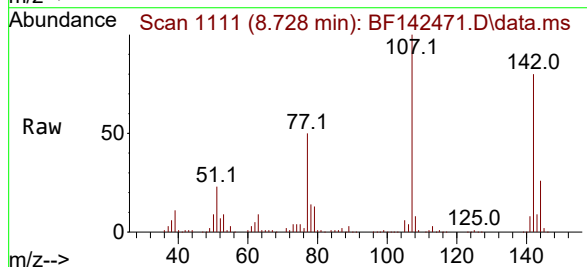
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

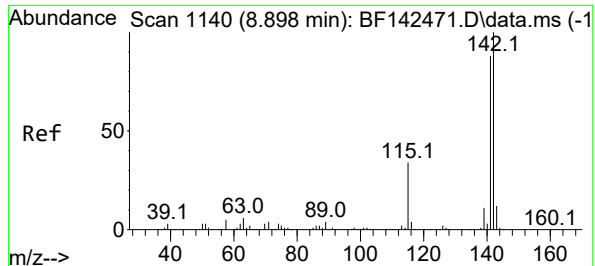
Tgt Ion:113 Resp: 59309
Ion Ratio Lower Upper
113 100
55 174.7 154.7 194.7
56 133.2 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 38.800 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:107 Resp: 212728
Ion Ratio Lower Upper
107 100
144 26.1 20.9 31.3
142 80.2 64.2 96.2

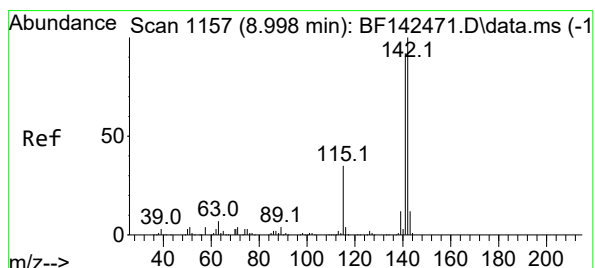
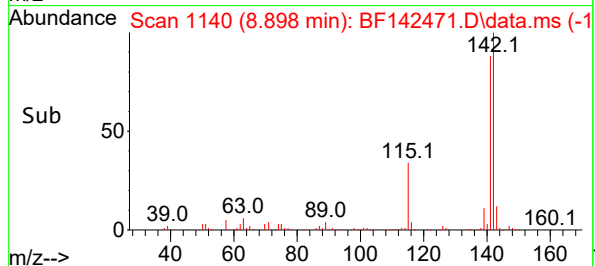
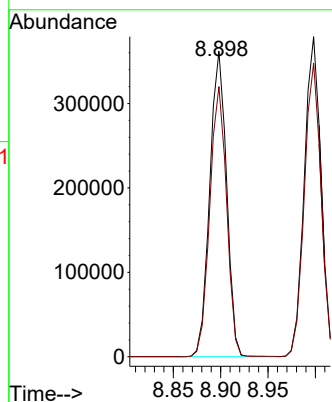
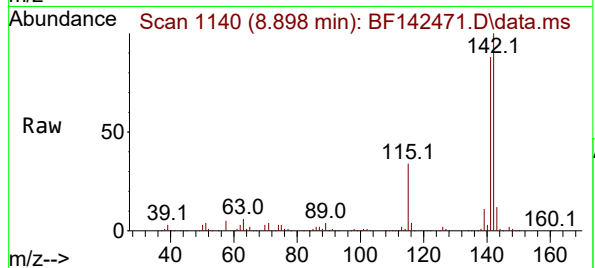




#37
2-Methylnaphthalene
Concen: 38.092 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

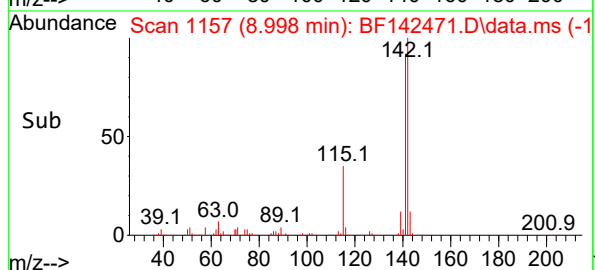
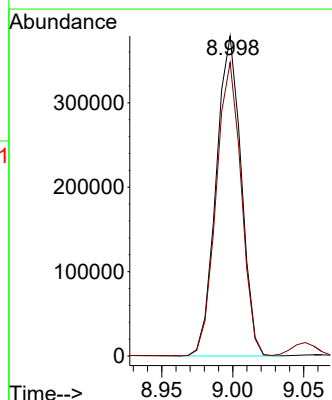
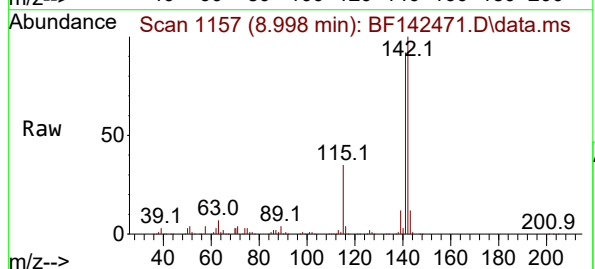
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

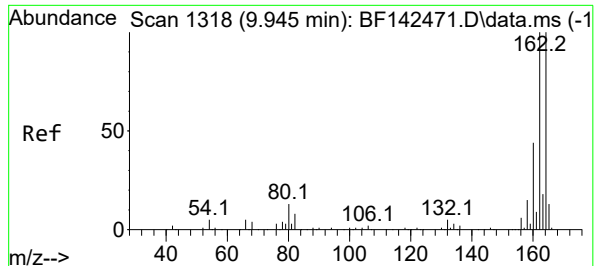
Tgt Ion:142 Resp: 445368
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1



#38
1-Methylnaphthalene
Concen: 38.397 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:142 Resp: 464365
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

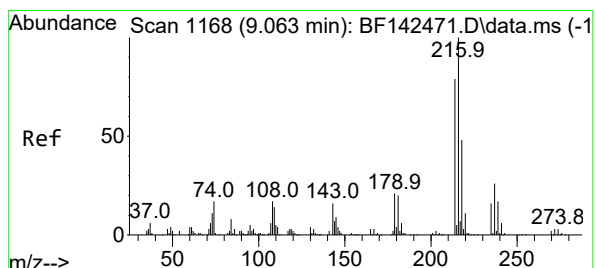
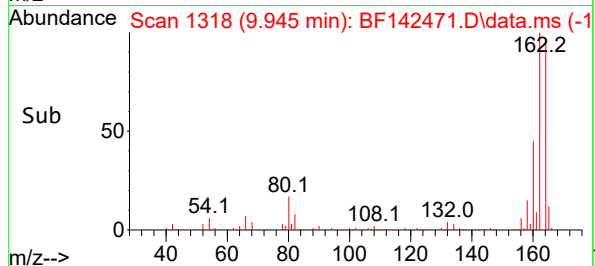
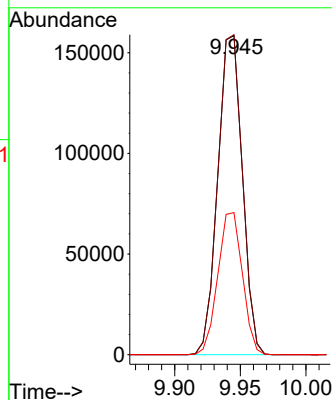
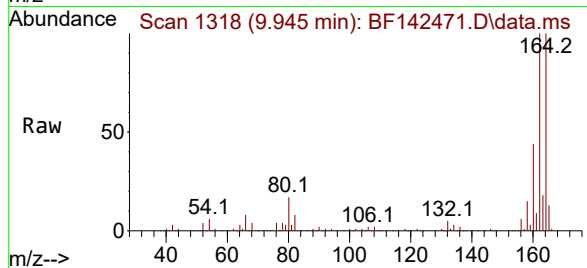
Tgt Ion:164 Resp: 206343

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.4

160 44.5 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.439 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Tgt Ion:216 Resp: 227685

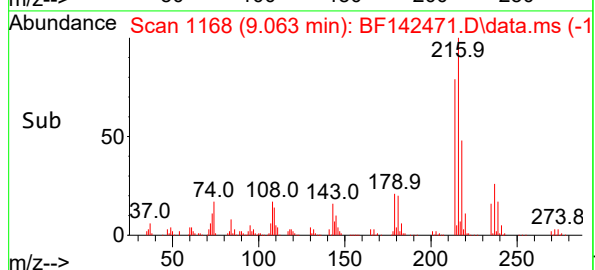
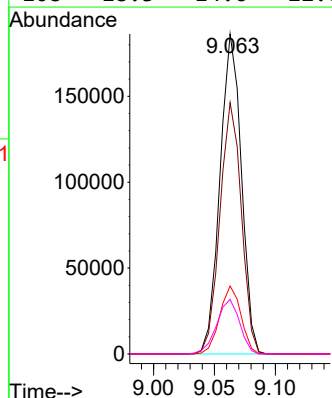
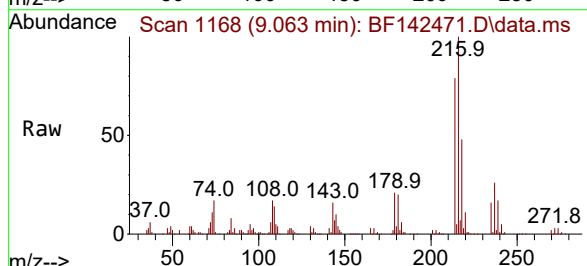
Ion Ratio Lower Upper

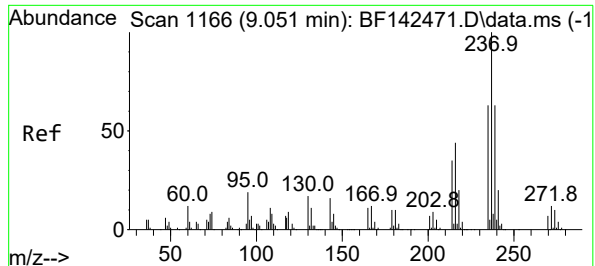
216 100

214 78.6 62.9 94.3

179 21.1 16.9 25.3

108 18.3 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 40.622 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

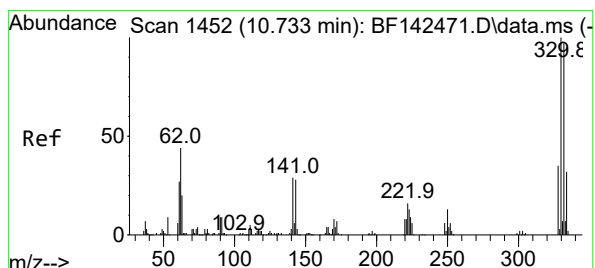
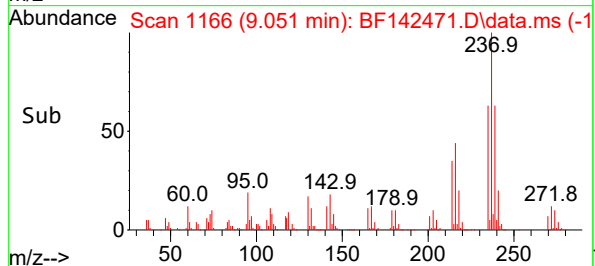
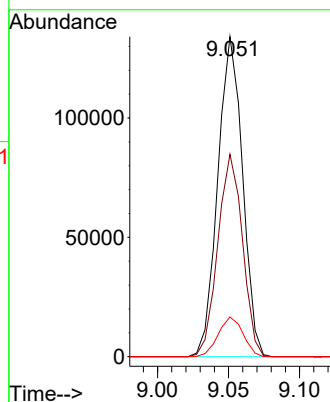
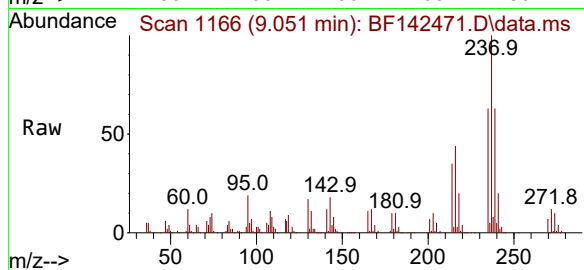
Tgt Ion:237 Resp: 162314

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

272 12.4 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 76.189 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

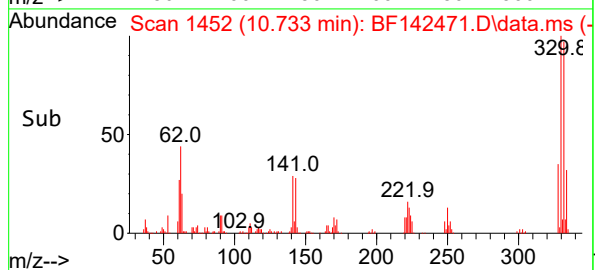
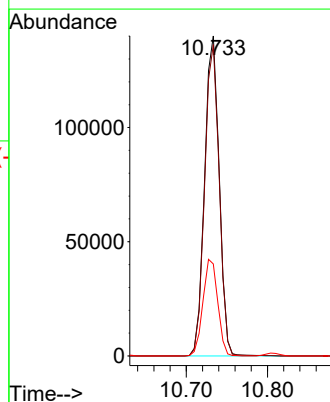
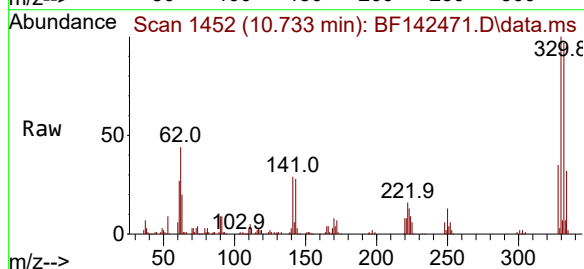
Tgt Ion:330 Resp: 174483

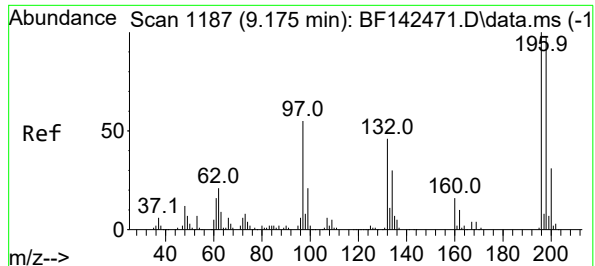
Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 30.7 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 38.383 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

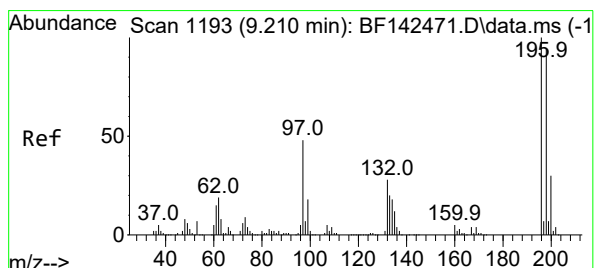
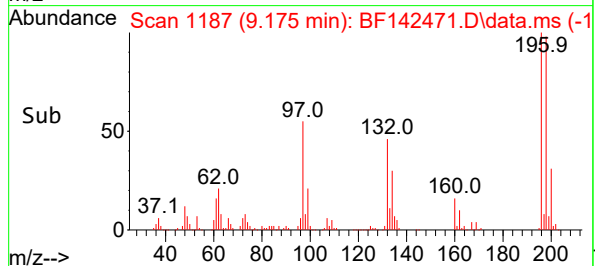
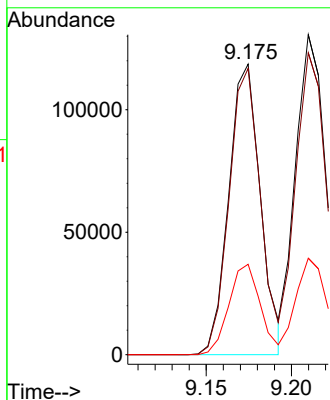
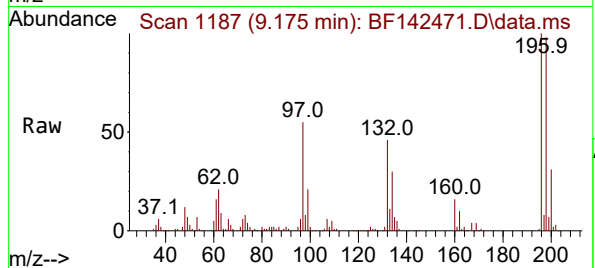
Tgt Ion:196 Resp: 153308

Ion Ratio Lower Upper

196 100

198 98.5 78.8 118.2

200 31.1 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 38.667 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Tgt Ion:196 Resp: 162880

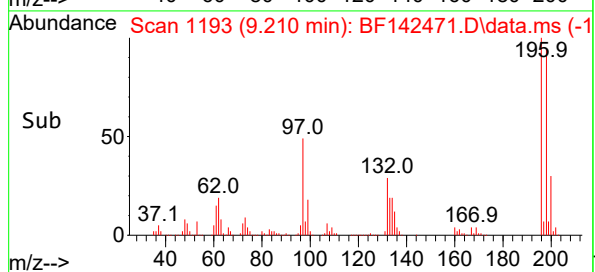
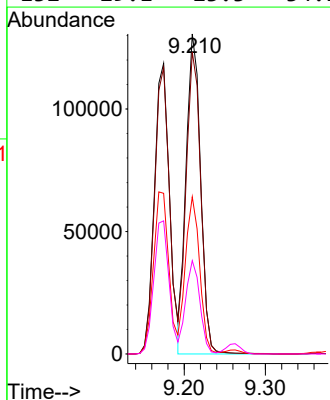
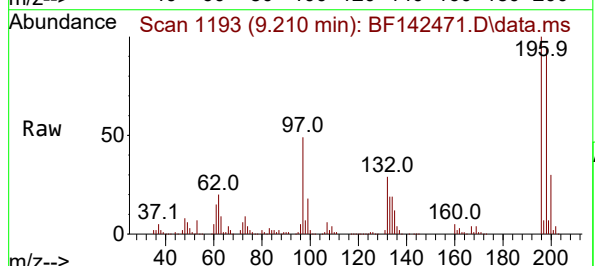
Ion Ratio Lower Upper

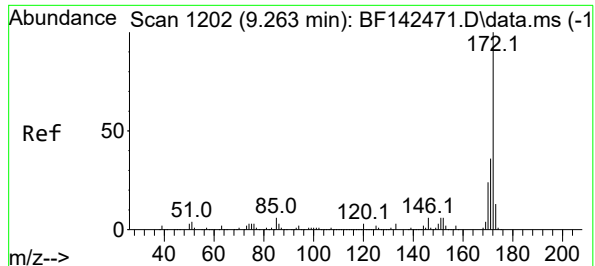
196 100

198 94.4 75.5 113.3

97 49.1 39.3 58.9

132 29.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 74.452 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

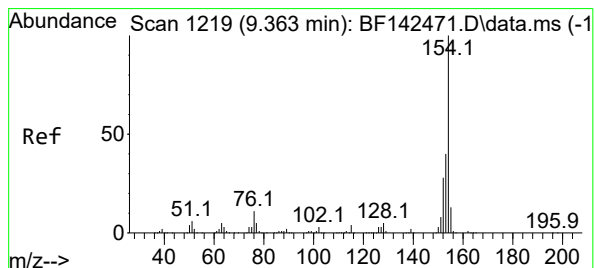
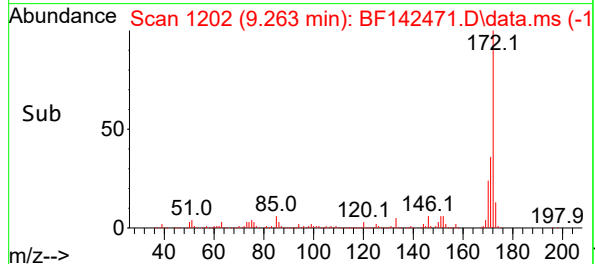
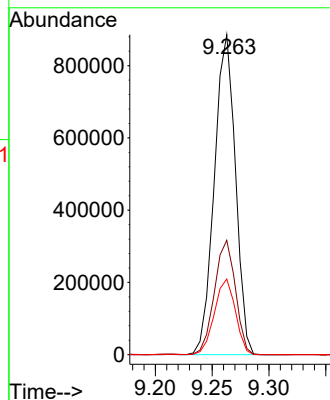
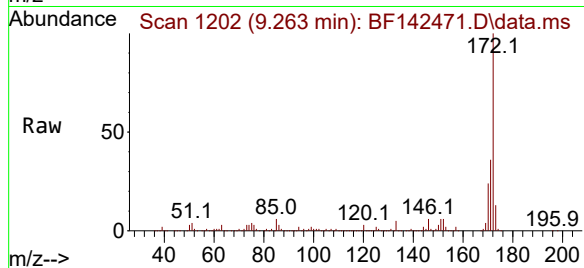
Tgt Ion:172 Resp: 1144883

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 38.146 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

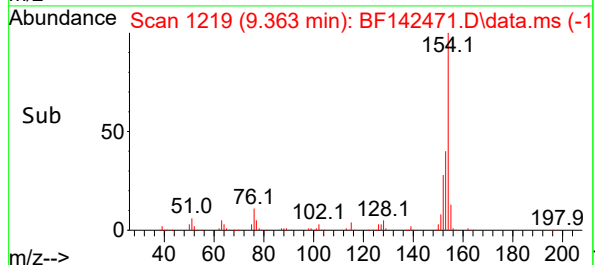
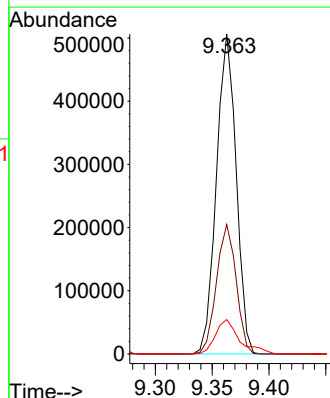
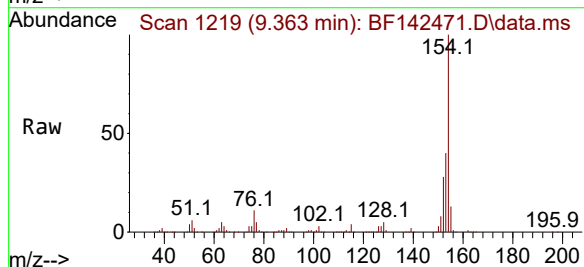
Tgt Ion:154 Resp: 610663

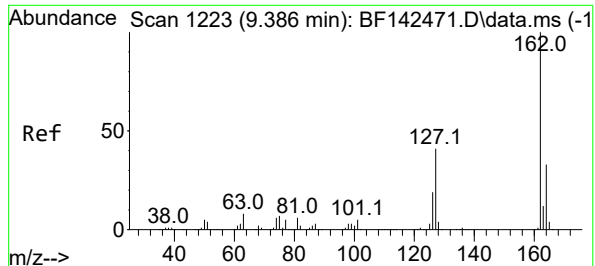
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 10.8 0.0 30.8





#47

2-Chloronaphthalene

Concen: 38.185 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142471.D

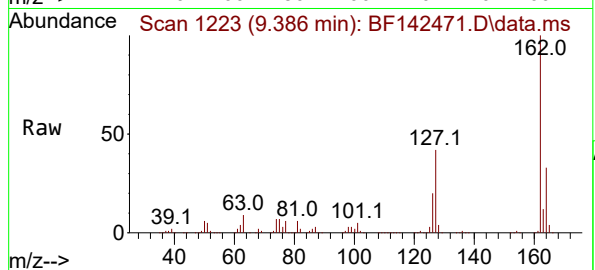
Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



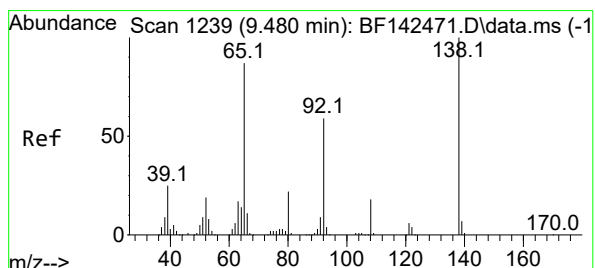
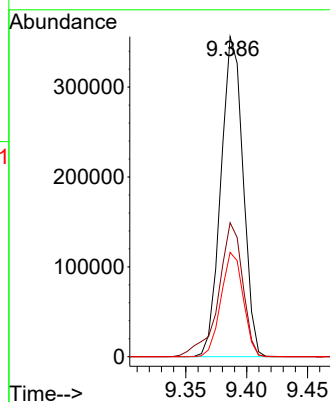
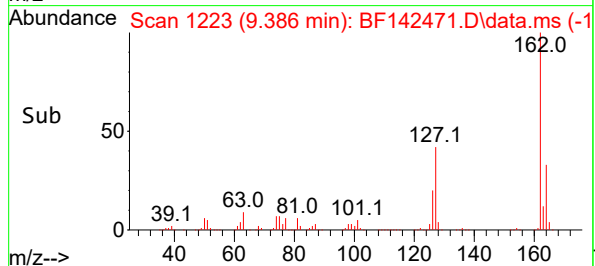
Tgt Ion:162 Resp: 451638

Ion Ratio Lower Upper

162 100

127 41.9 33.5 50.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

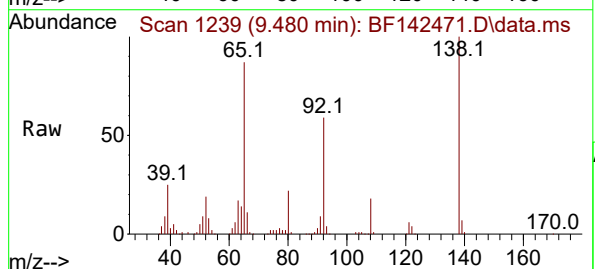
Concen: 39.102 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05



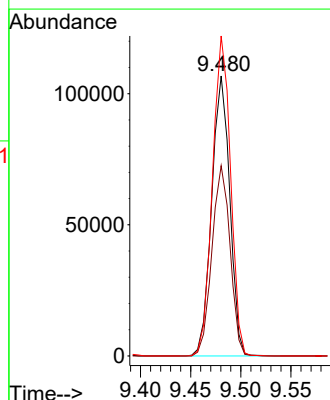
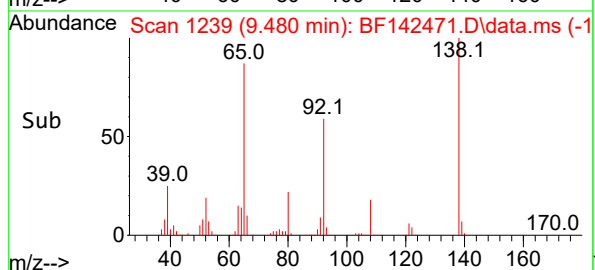
Tgt Ion: 65 Resp: 133679

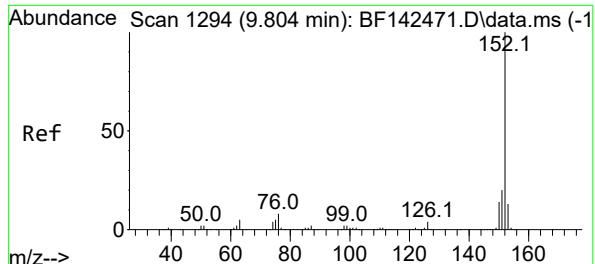
Ion Ratio Lower Upper

65 100

92 68.0 54.4 81.6

138 114.3 91.4 137.2





#49

Acenaphthylene

Concen: 38.240 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

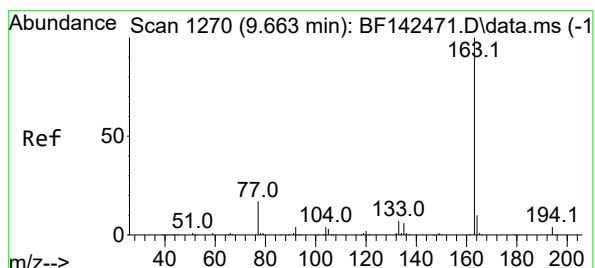
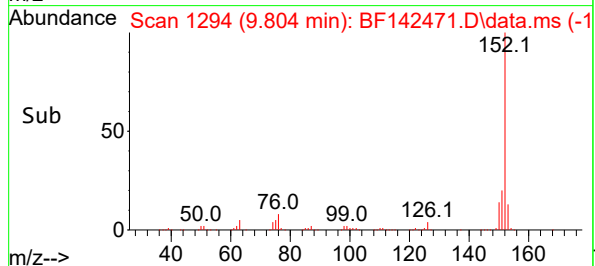
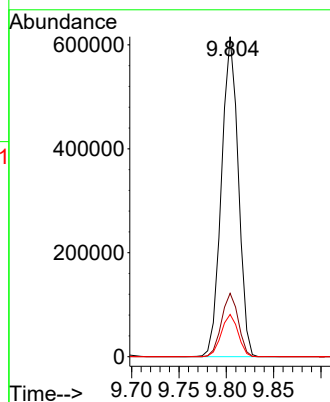
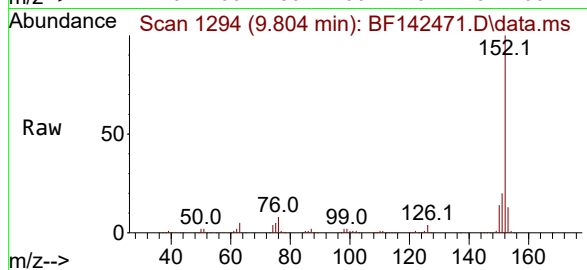
Tgt Ion:152 Resp: 763730

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 38.051 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

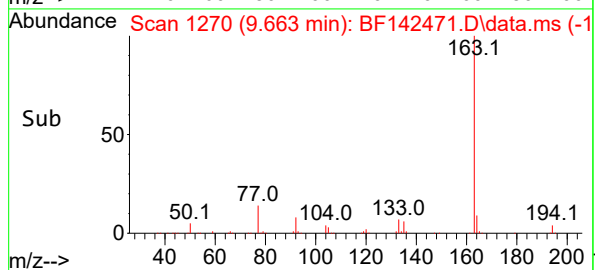
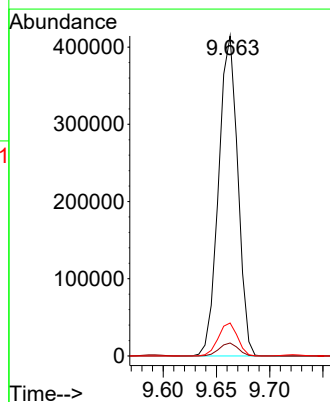
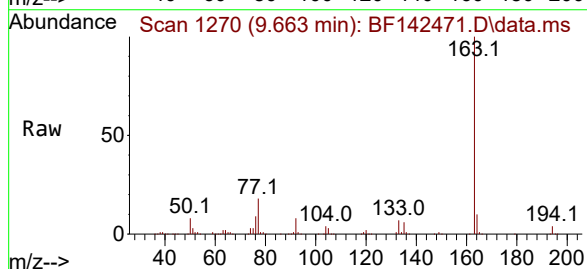
Tgt Ion:163 Resp: 518078

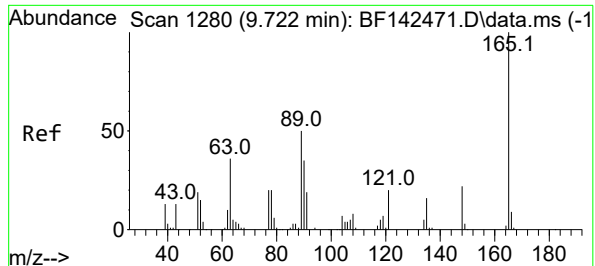
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.2 12.4

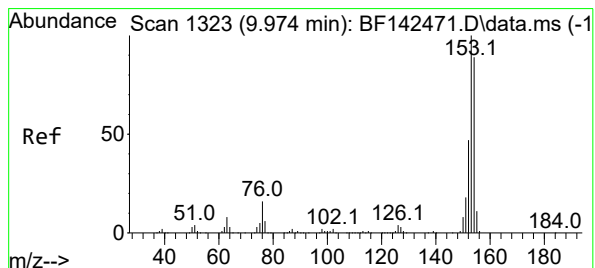
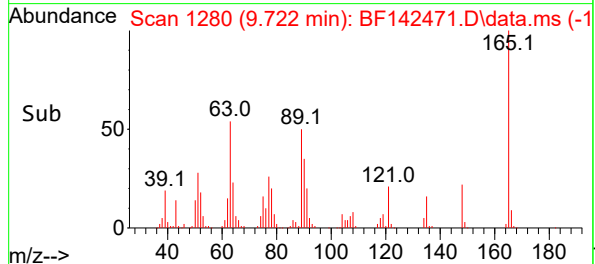
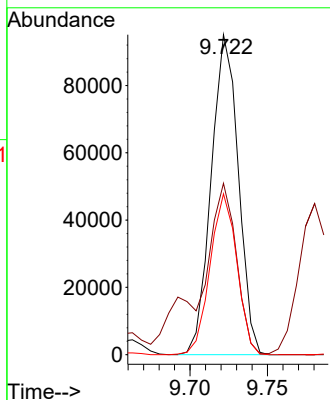
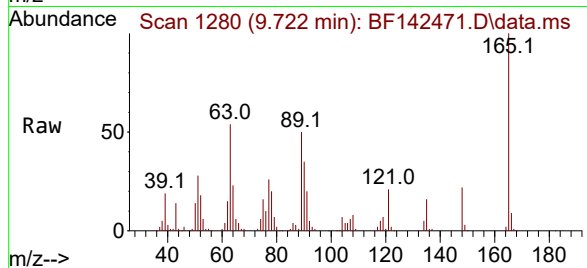




#51
2,6-Dinitrotoluene
Concen: 39.370 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

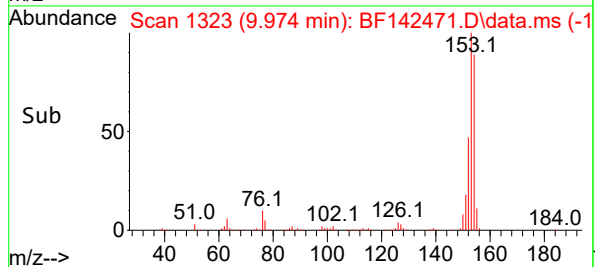
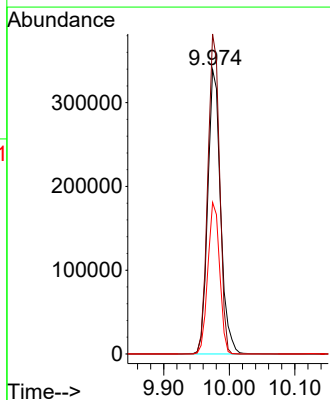
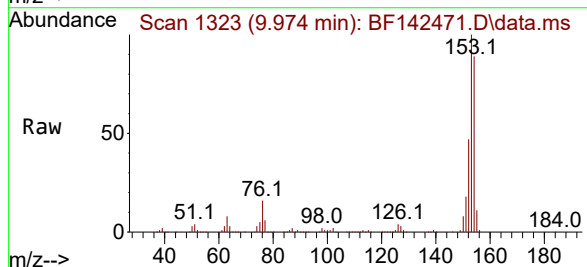
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

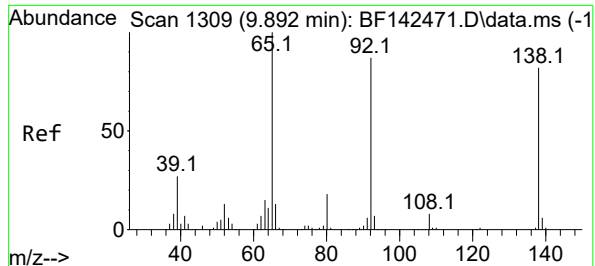
Tgt Ion:165 Resp: 115691
Ion Ratio Lower Upper
165 100
63 53.6 42.9 64.3
89 50.3 40.2 60.4



#52
Acenaphthene
Concen: 37.904 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:154 Resp: 462249
Ion Ratio Lower Upper
154 100
153 112.5 90.0 135.0
152 53.3 42.6 64.0





#53

3-Nitroaniline

Concen: 38.413 ng

RT: 9.892 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF142471.D

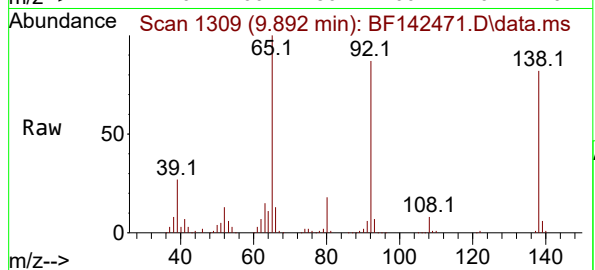
Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



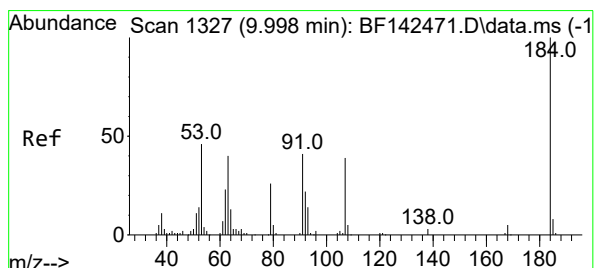
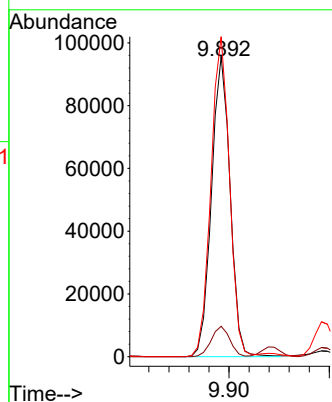
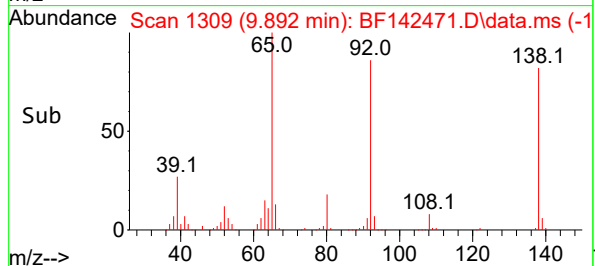
Tgt Ion:138 Resp: 123293

Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

92 106.5 85.2 127.8



#54

2,4-Dinitrophenol

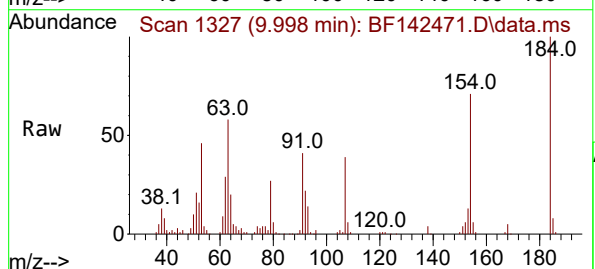
Concen: 40.477 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05



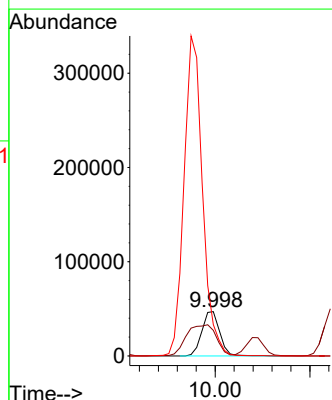
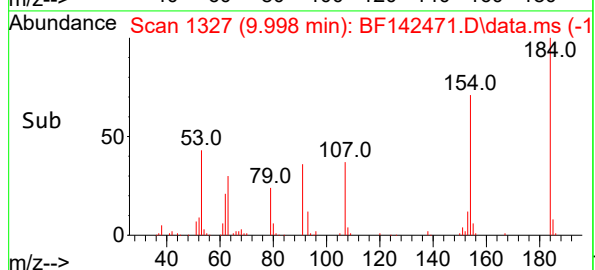
Tgt Ion:184 Resp: 61452

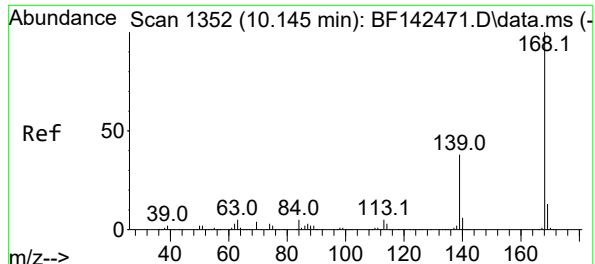
Ion Ratio Lower Upper

184 100

63 57.9 46.3 69.5

154 71.0 56.8 85.2





#55

Dibenzenofuran

Concen: 37.758 ng

RT: 10.145 min Scan# 1352

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

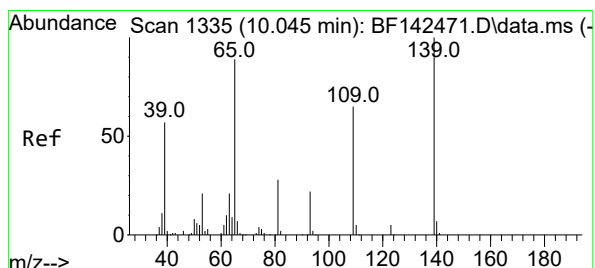
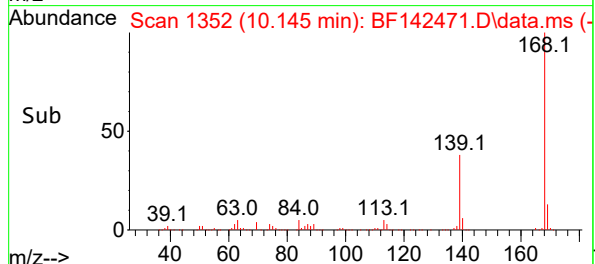
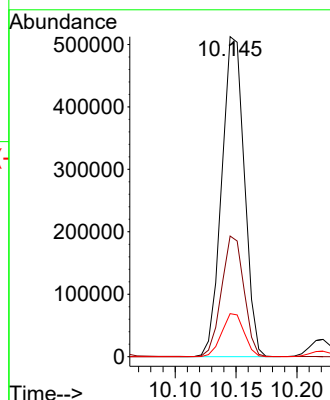
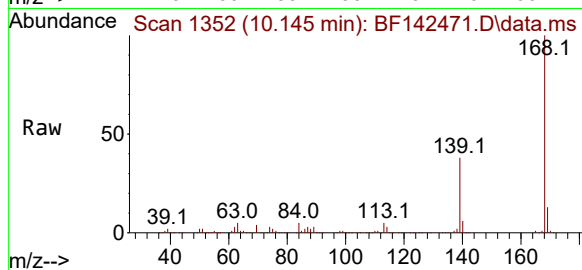
Tgt Ion:168 Resp: 662626

Ion Ratio Lower Upper

168 100

139 37.7 30.2 45.2

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 39.526 ng

RT: 10.045 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

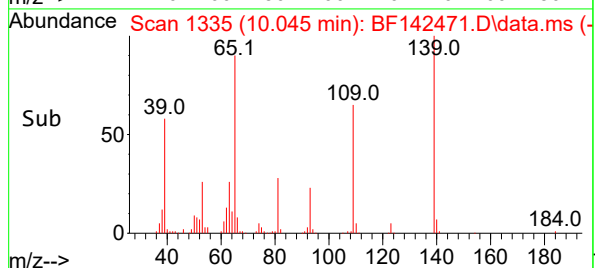
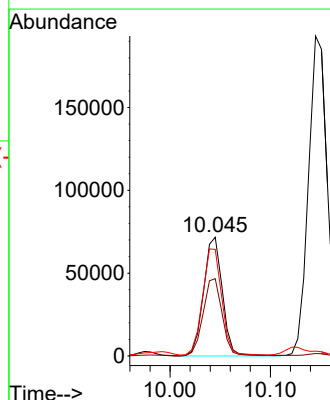
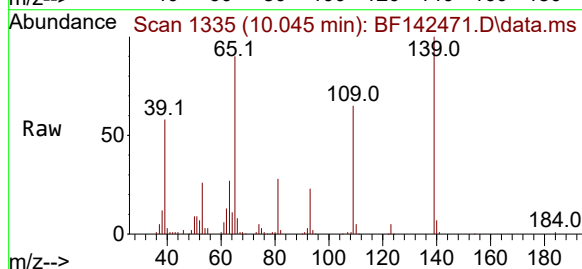
Tgt Ion:139 Resp: 93606

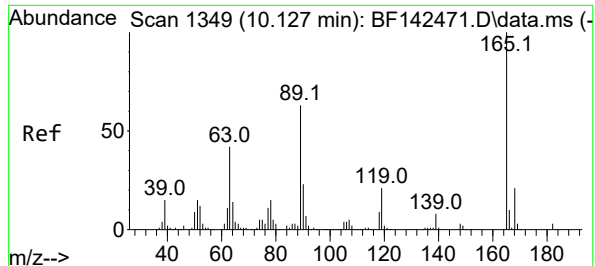
Ion Ratio Lower Upper

139 100

109 65.1 45.1 85.1

65 89.7 69.7 109.7

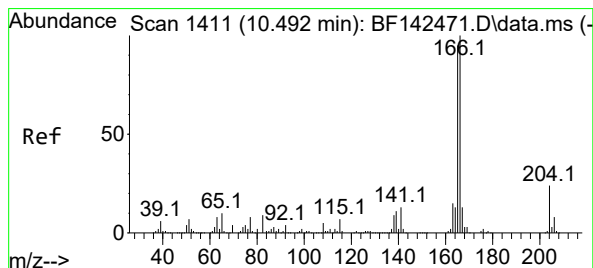
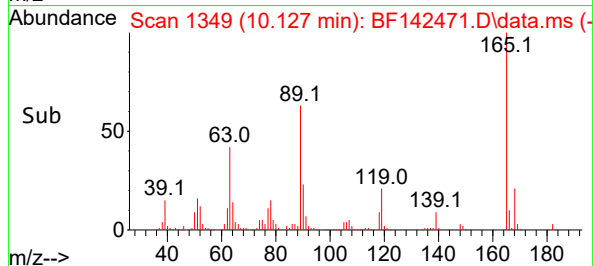
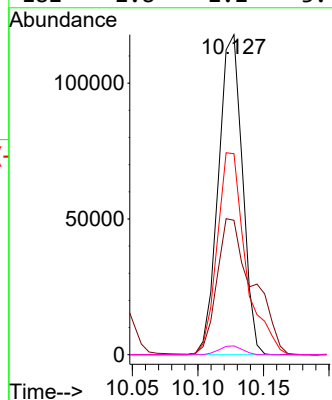
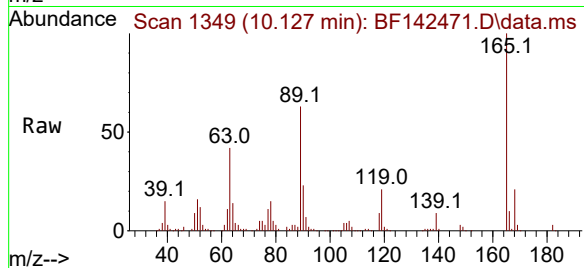




#57
2,4-Dinitrotoluene
Concen: 39.095 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

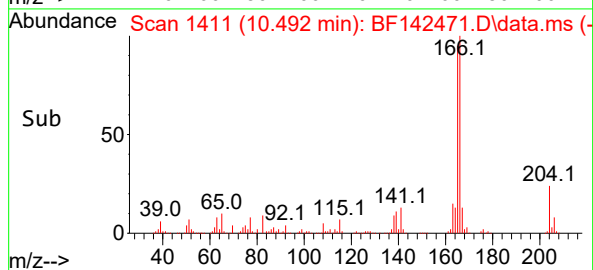
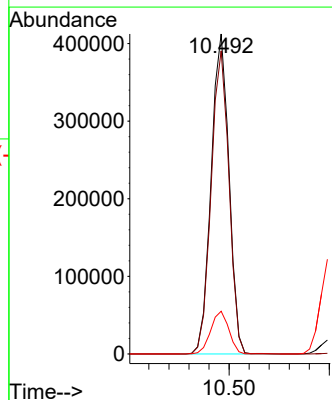
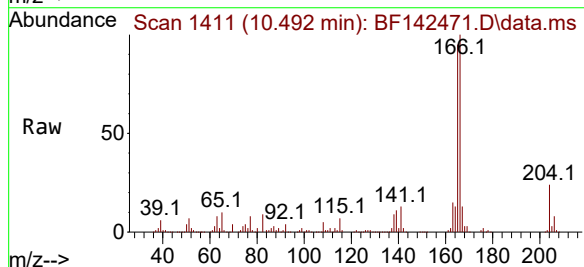
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

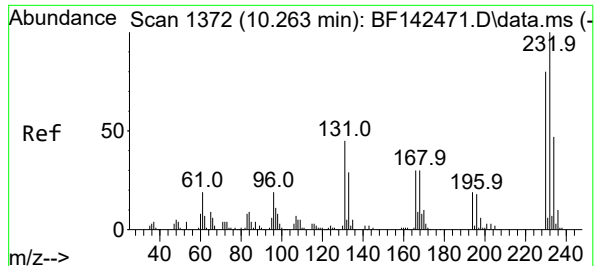
Tgt Ion:165 Resp: 150036
Ion Ratio Lower Upper
165 100
63 42.0 33.6 50.4
89 62.8 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 37.457 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:166 Resp: 507836
Ion Ratio Lower Upper
166 100
165 94.8 75.8 113.8
167 13.3 10.6 16.0

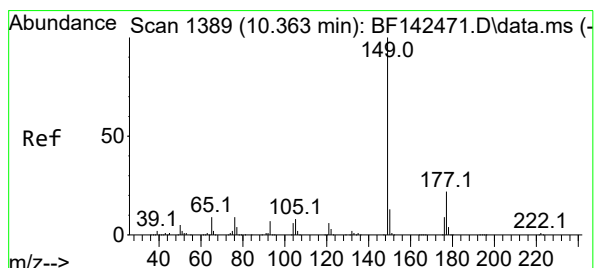
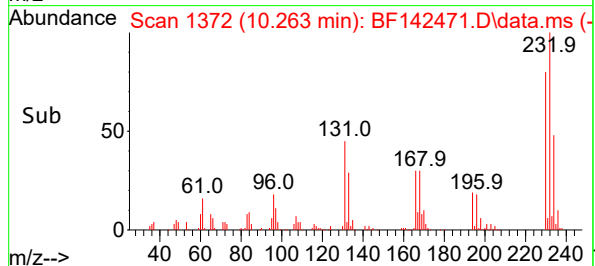
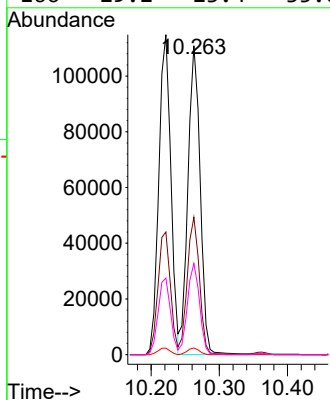
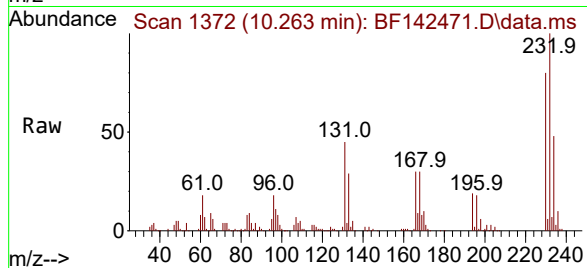




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.022 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

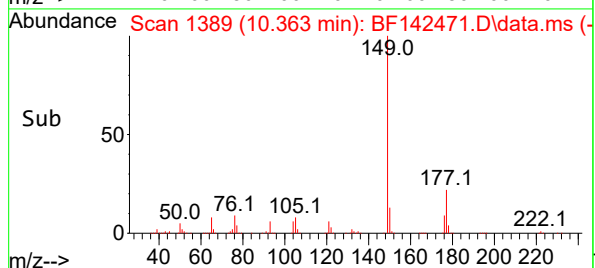
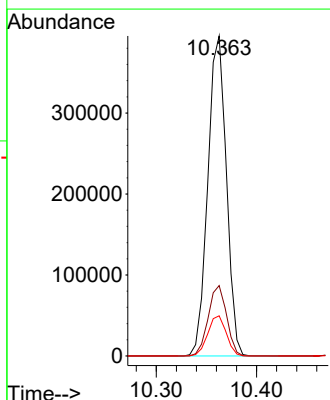
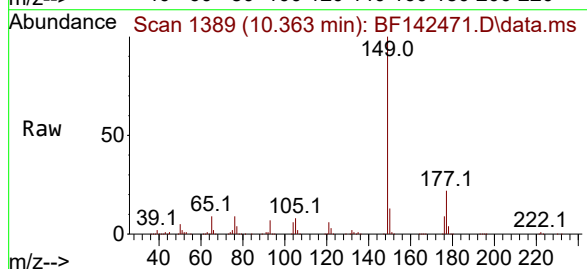
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

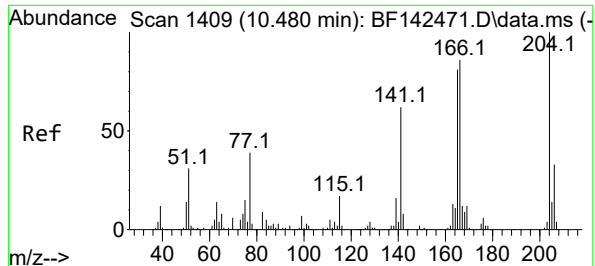
Tgt Ion:232 Resp: 137225
Ion Ratio Lower Upper
232 100
131 44.0 35.2 52.8
130 2.1 1.7 2.5
166 29.2 23.4 35.0



#60
Diethylphthalate
Concen: 38.217 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:149 Resp: 508183
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.6 10.1 15.1

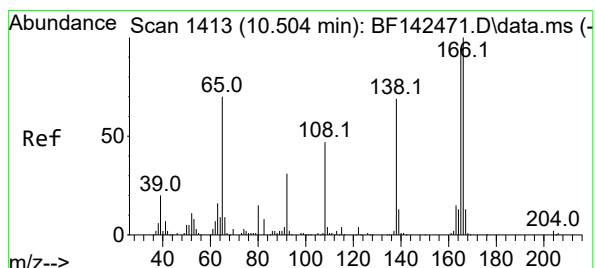
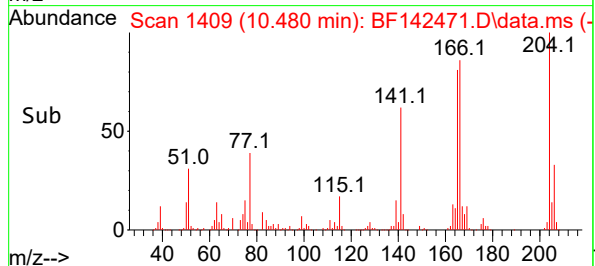
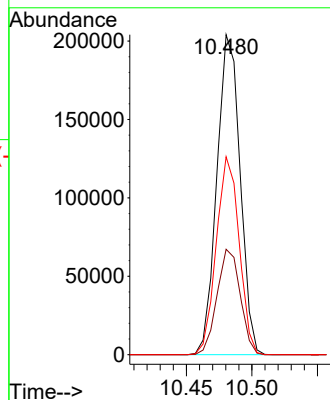
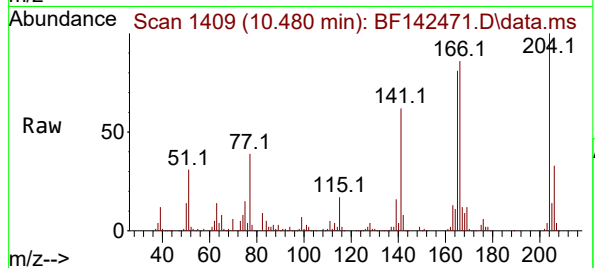




#61
4-Chlorophenyl-phenylether
Concen: 37.706 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

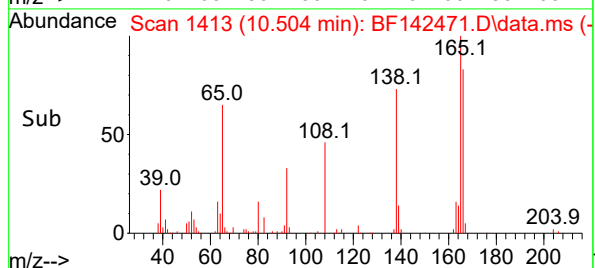
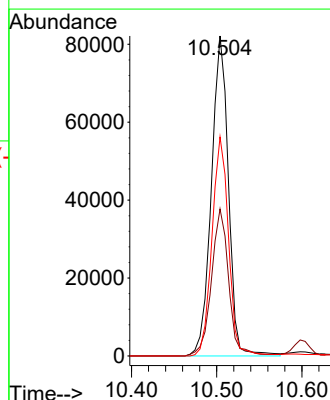
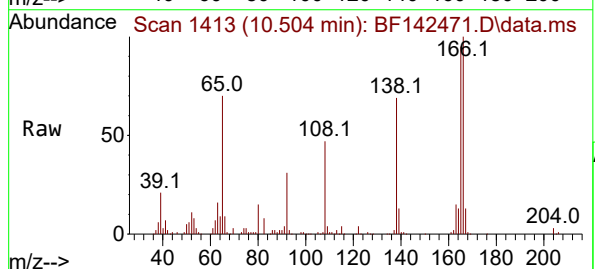
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

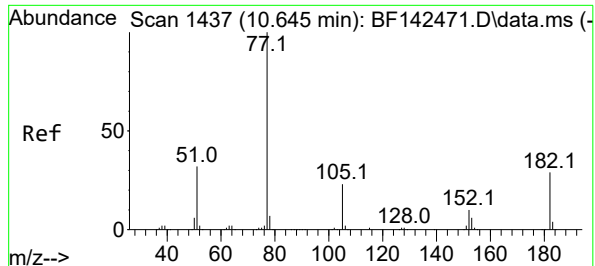
Tgt Ion:204 Resp: 251129
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 61.9 49.5 74.3



#62
4-Nitroaniline
Concen: 39.253 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:138 Resp: 114265
Ion Ratio Lower Upper
138 100
92 46.0 26.0 66.0
108 68.4 48.4 88.4

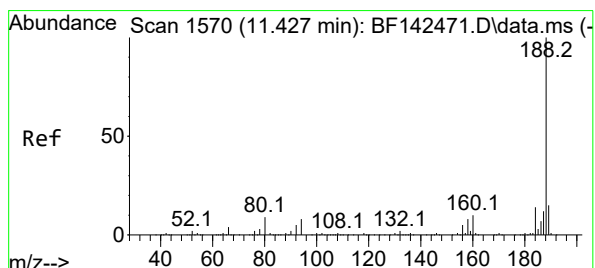
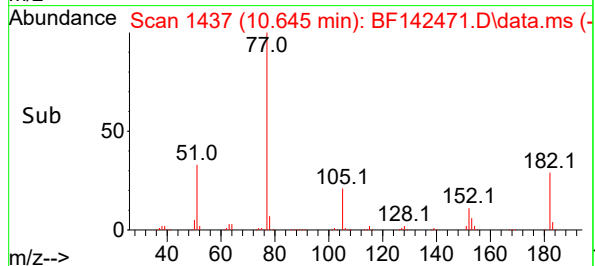
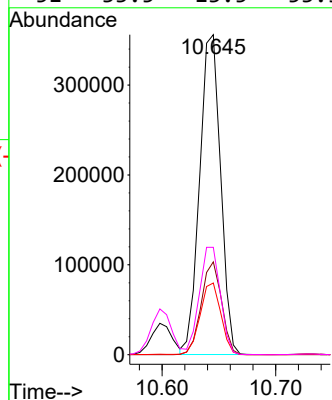
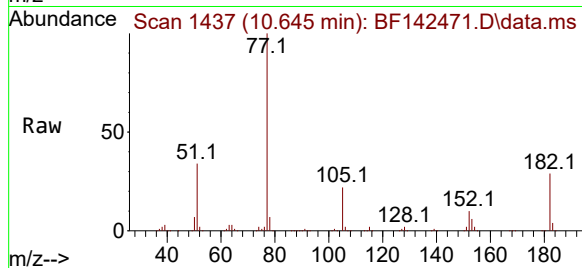




#63
Azobenzene
Concen: 38.246 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

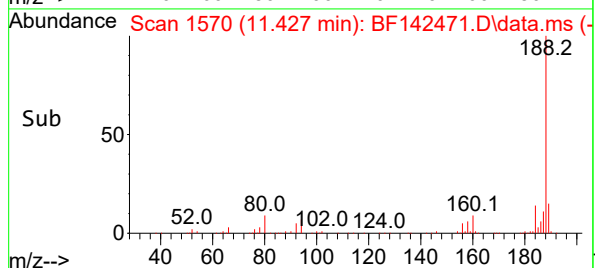
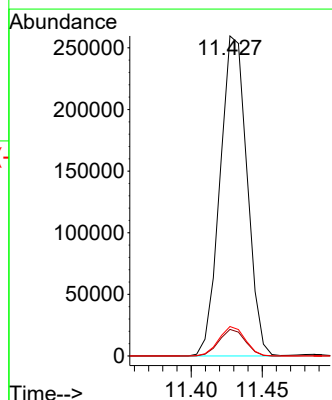
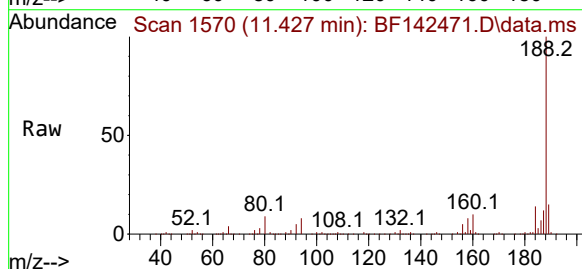
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

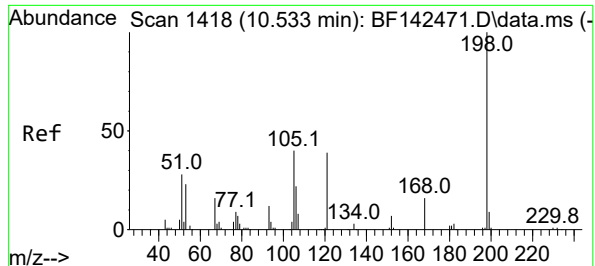
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	9.0	49.0
105	22.4	2.4	42.4
51	33.5	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	9.2	7.4	11.0

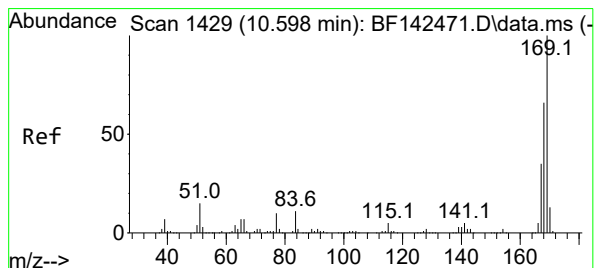
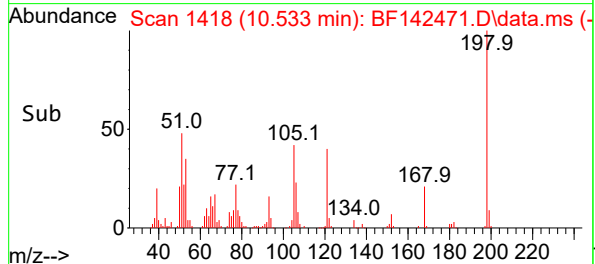
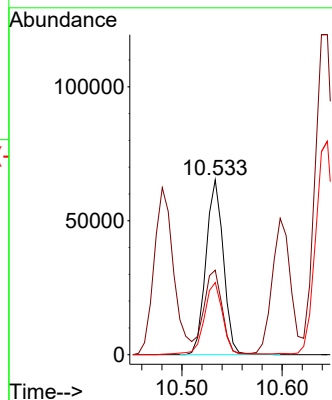
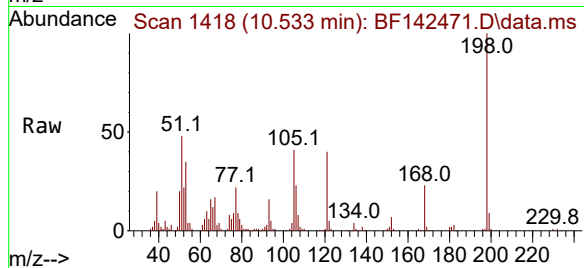




#65
4,6-Dinitro-2-methylphenol
Concen: 41.326 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

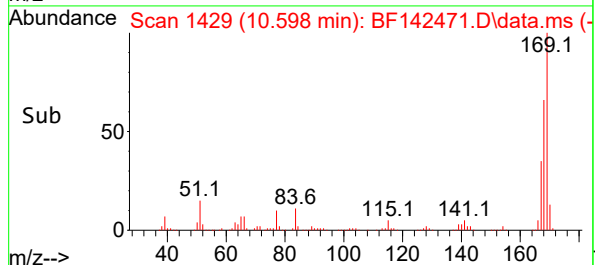
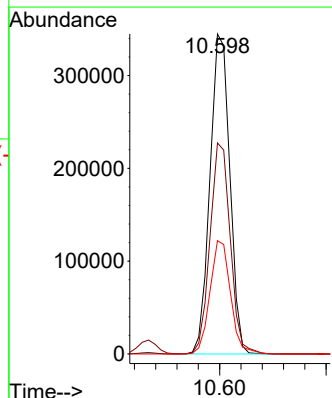
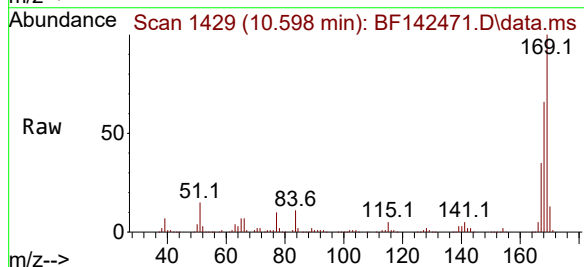
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

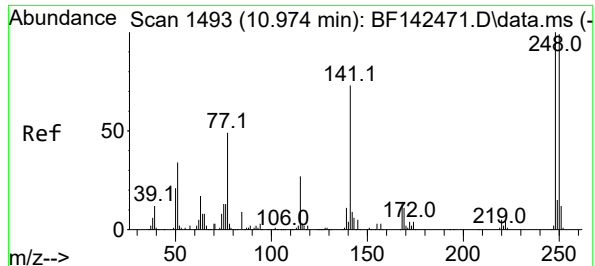
Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.3	28.3	68.3
105	41.3	21.3	61.3



#66
n-Nitrosodiphenylamine
Concen: 37.917 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.7	79.1
167	35.4	28.3	42.5

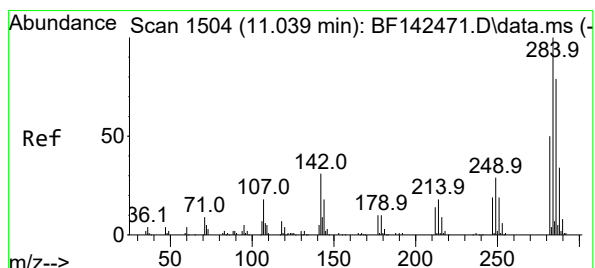
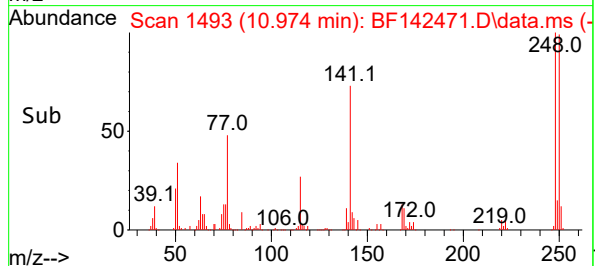
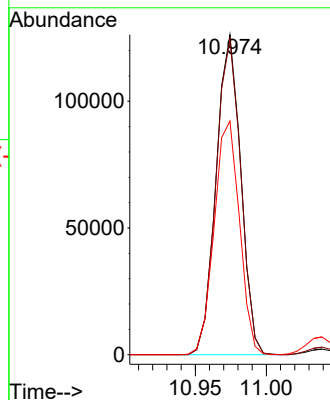
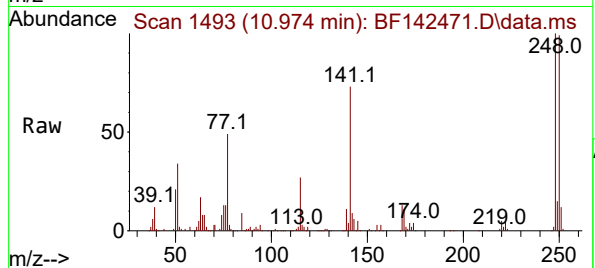




#67
4-Bromophenyl-phenylether
Concen: 37.556 ng
RT: 10.974 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

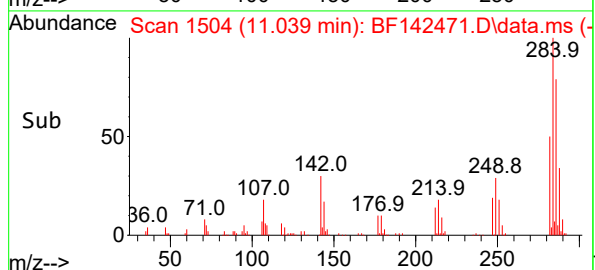
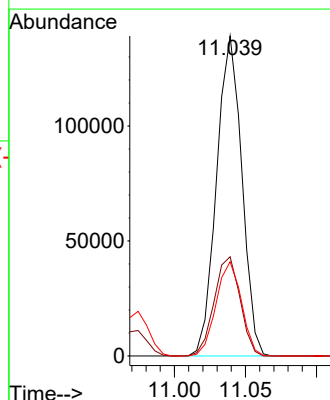
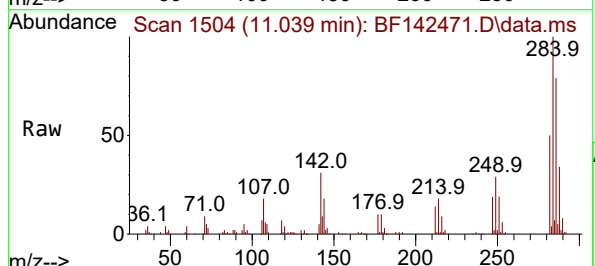
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

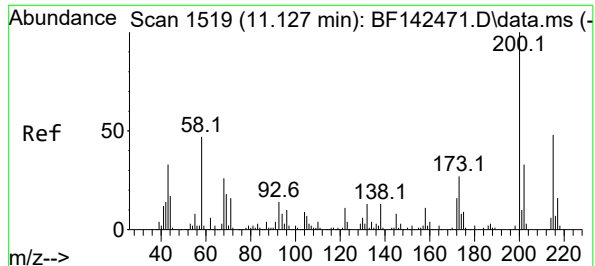
Tgt Ion:248 Resp: 152348
Ion Ratio Lower Upper
248 100
250 98.7 79.0 118.4
141 73.0 58.4 87.6



#68
Hexachlorobenzene
Concen: 38.318 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:284 Resp: 171918
Ion Ratio Lower Upper
284 100
142 31.0 24.8 37.2
249 29.5 23.6 35.4





#69

Atrazine

Concen: 39.072 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

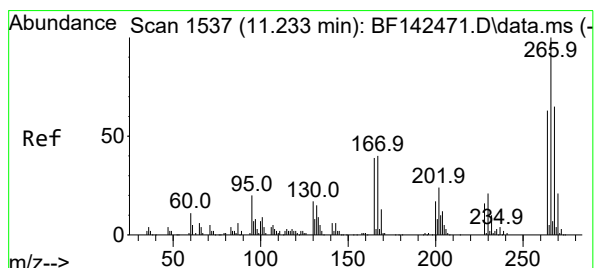
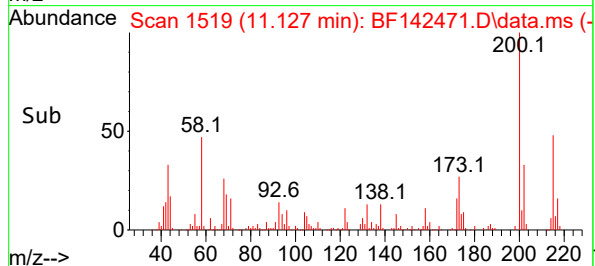
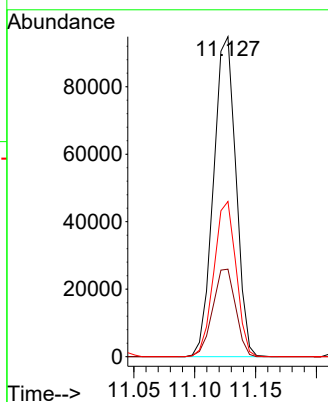
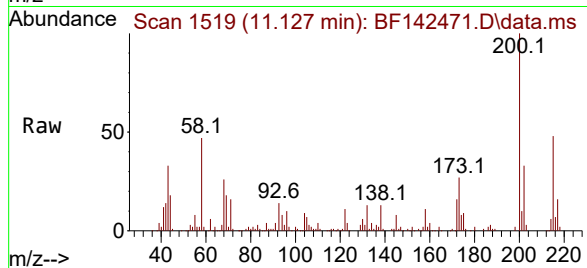
Tgt Ion:200 Resp: 121790

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

215 48.5 28.5 68.5



#70

Pentachlorophenol

Concen: 39.824 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

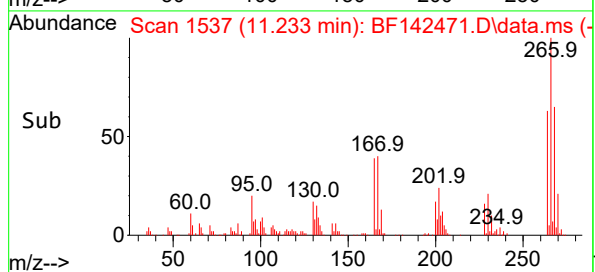
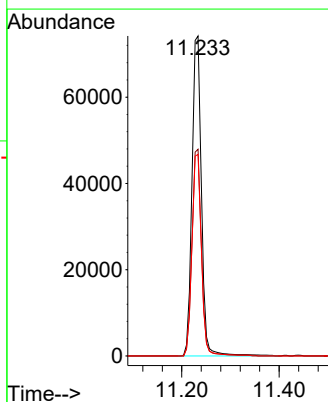
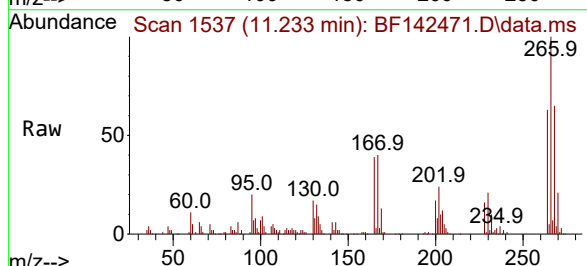
Tgt Ion:266 Resp: 100877

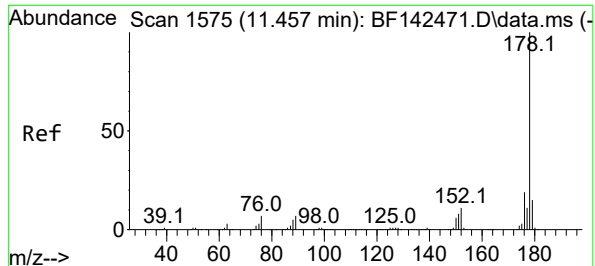
Ion Ratio Lower Upper

266 100

268 64.6 51.7 77.5

264 63.0 50.4 75.6

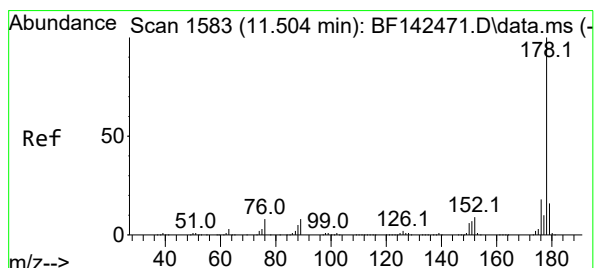
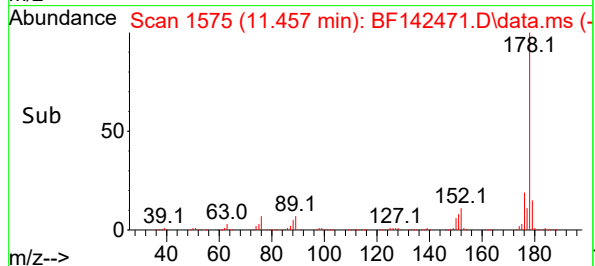
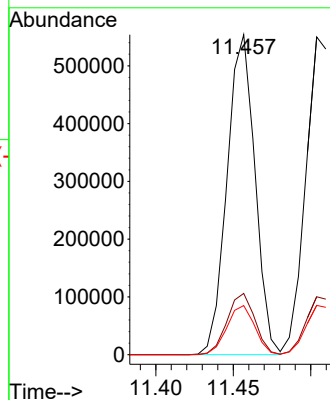
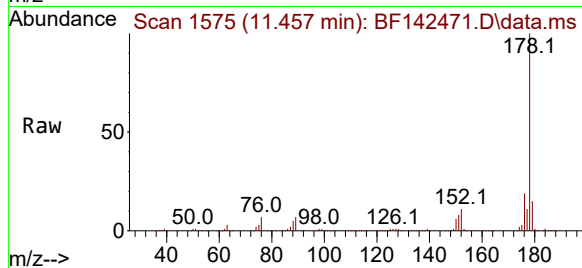




#71
Phenanthrene
Concen: 37.855 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

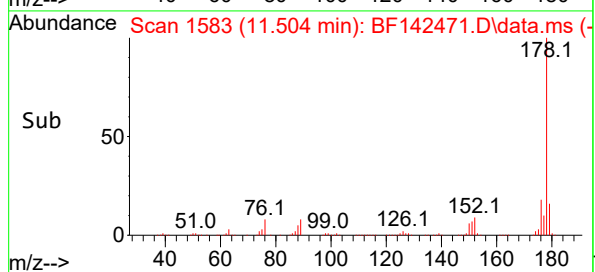
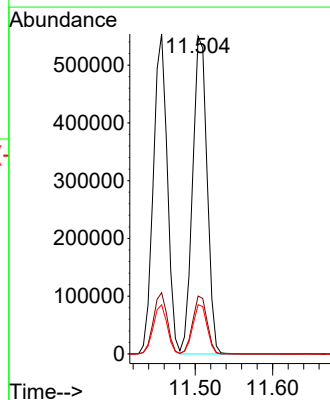
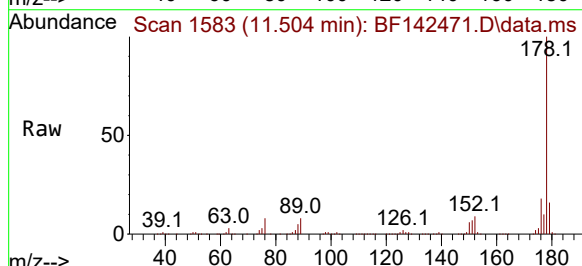
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

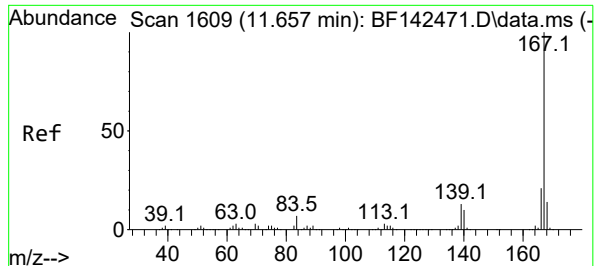
Tgt Ion:178 Resp: 694045
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 38.007 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

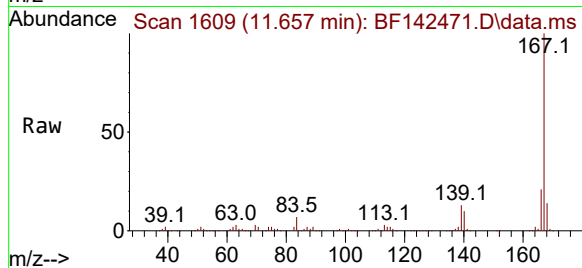
Tgt Ion:178 Resp: 711162
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.5 12.4 18.6



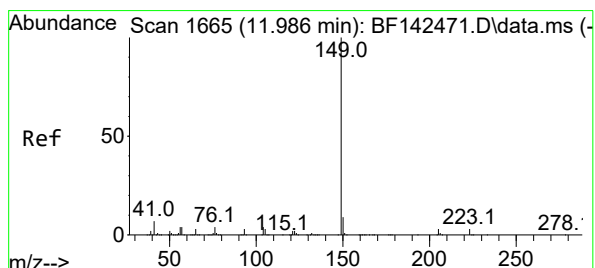
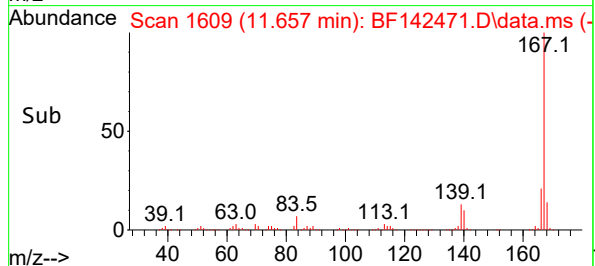
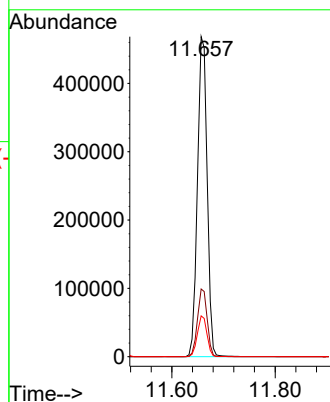


#73
Carbazole
Concen: 38.140 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

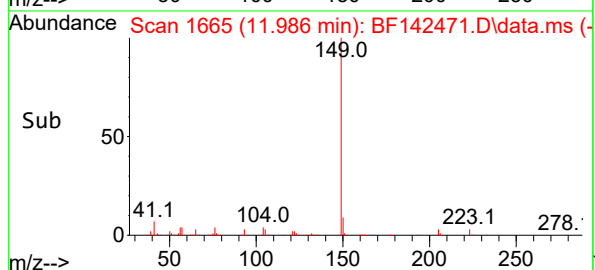
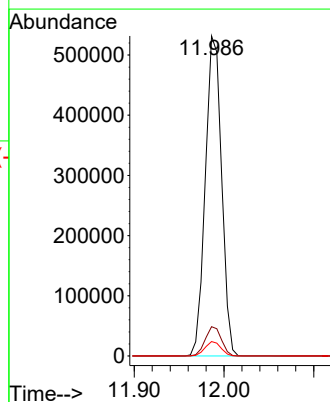
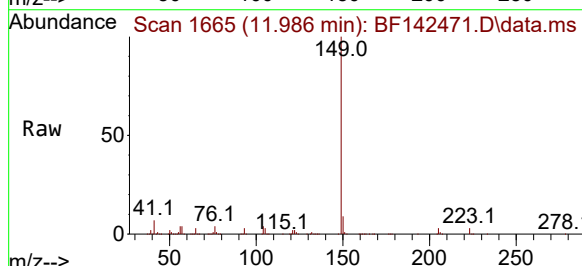


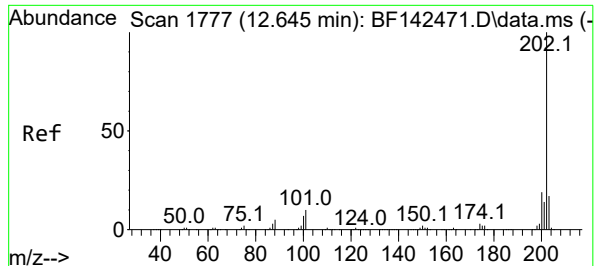
Tgt Ion:167 Resp: 610097
Ion Ratio Lower Upper
167 100
166 21.1 16.9 25.3
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 38.227 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:149 Resp: 669345
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.6 5.4

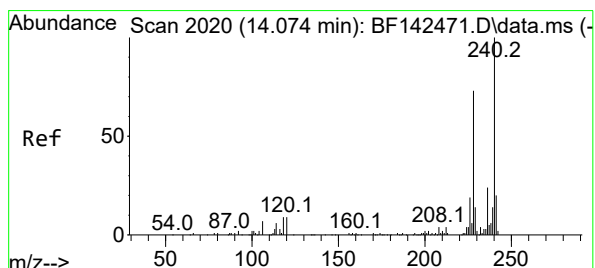
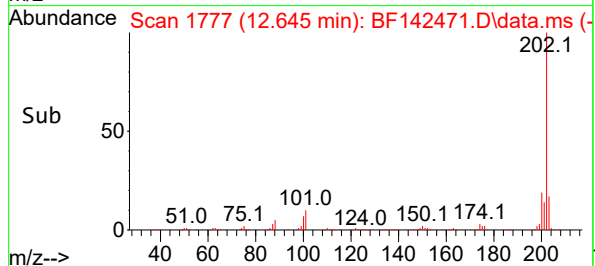
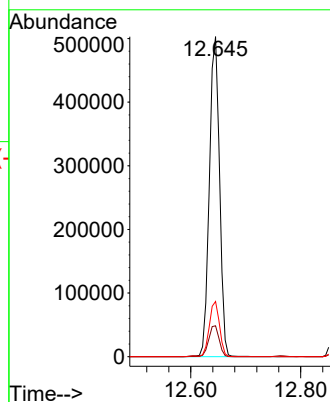
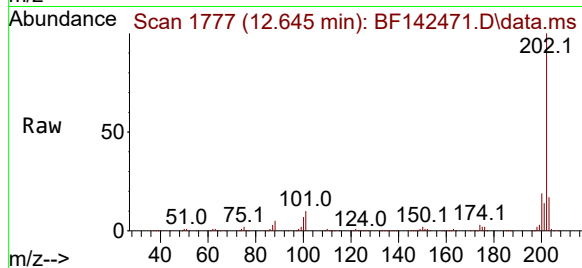




#75
Fluoranthene
Concen: 37.569 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

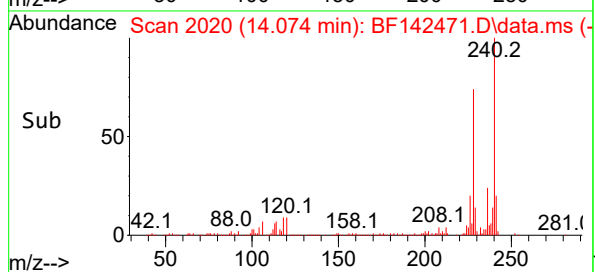
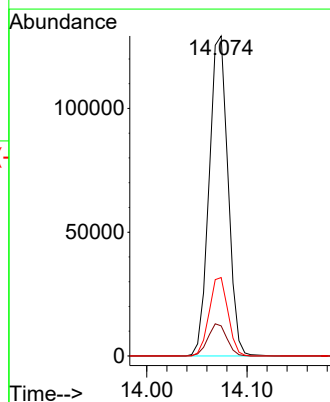
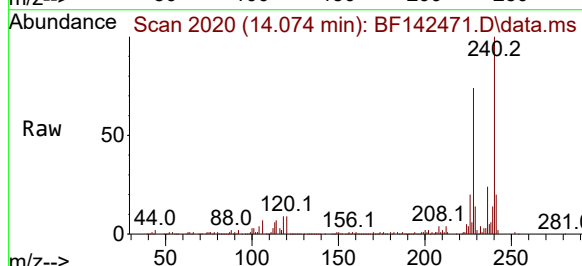
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

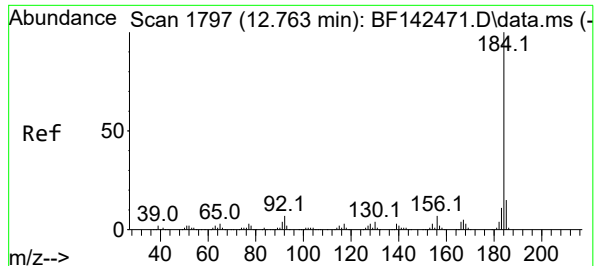
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.6
203	17.2	0.0	37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.5	11.3
236	24.5	19.6	29.4

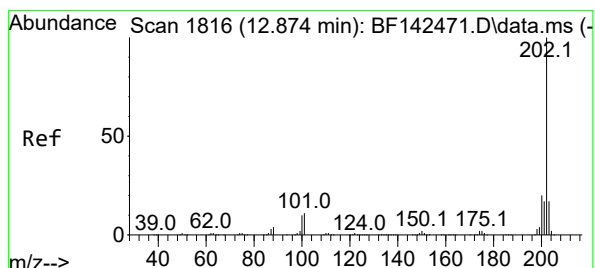
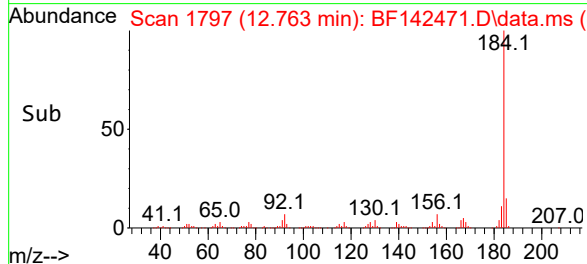
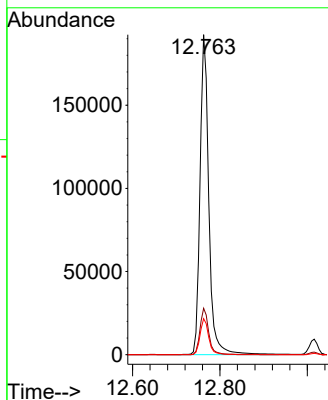
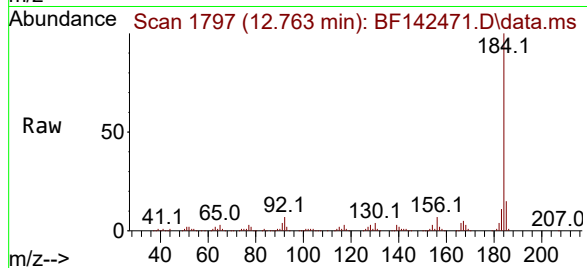




#77
Benzidine
Concen: 42.816 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

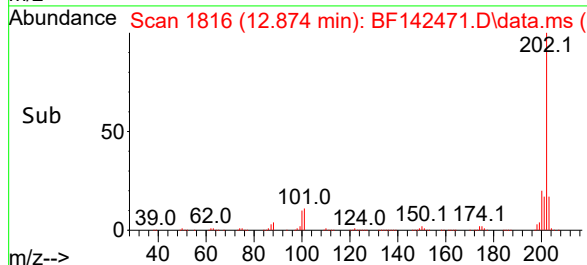
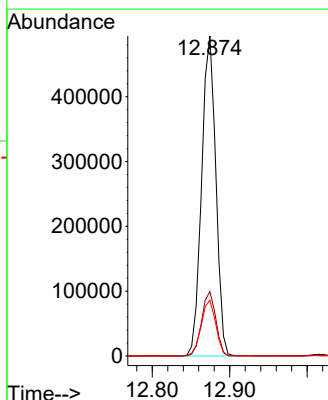
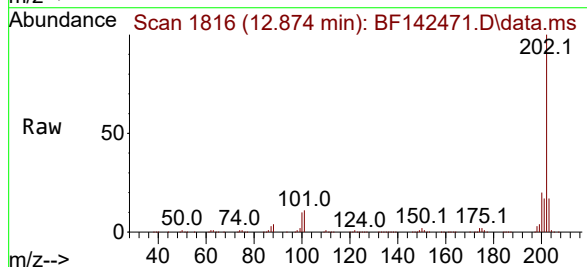
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

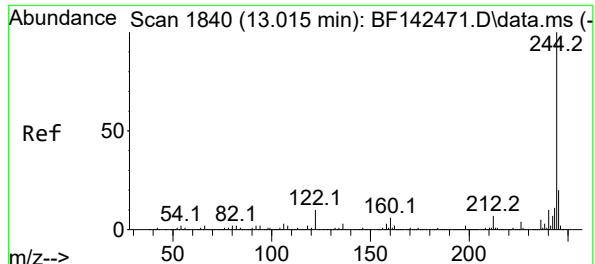
Tgt Ion:184 Resp: 269307
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.2 9.0 13.4



#78
Pyrene
Concen: 39.853 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:202 Resp: 628371
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 77.802 ng

RT: 13.015 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

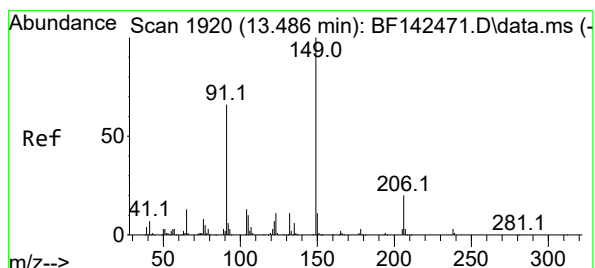
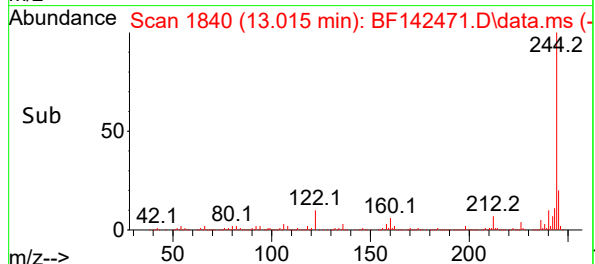
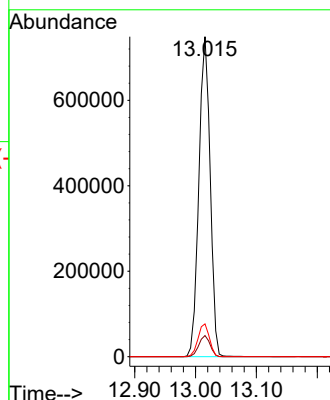
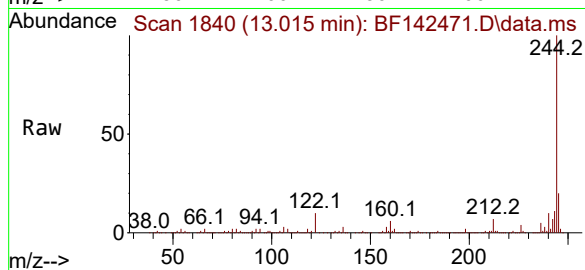
Tgt Ion:244 Resp: 962300

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 40.819 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

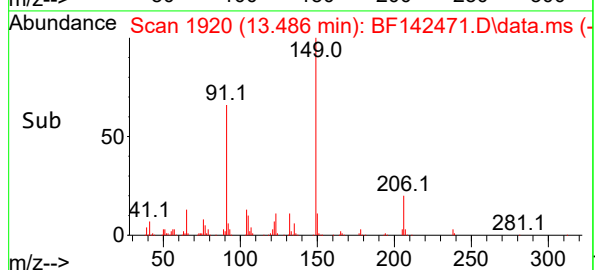
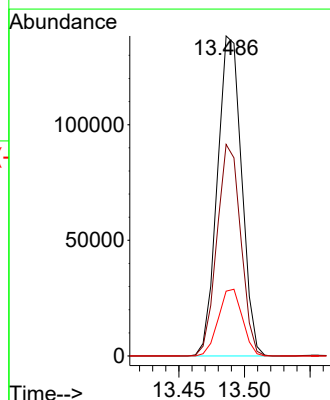
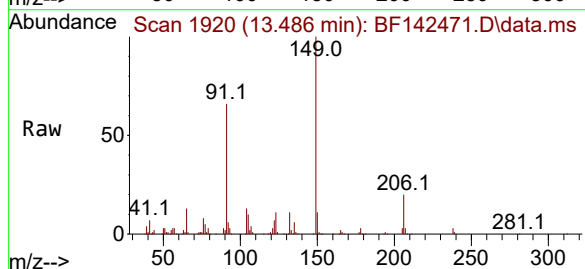
Tgt Ion:149 Resp: 177841

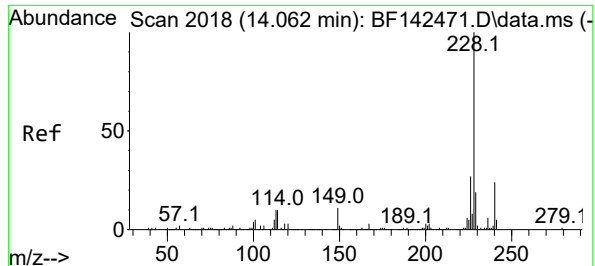
Ion Ratio Lower Upper

149 100

91 66.1 52.9 79.3

206 20.2 16.2 24.2

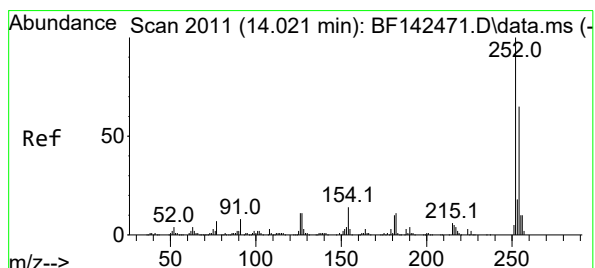
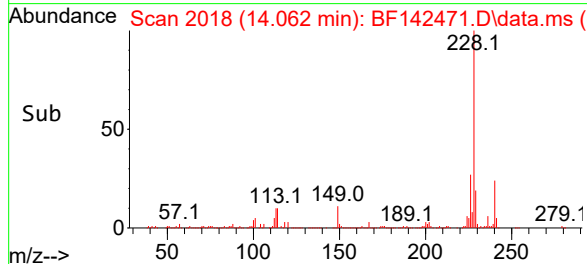
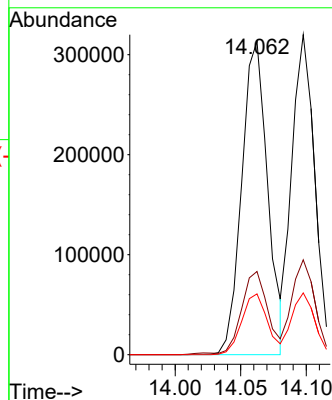
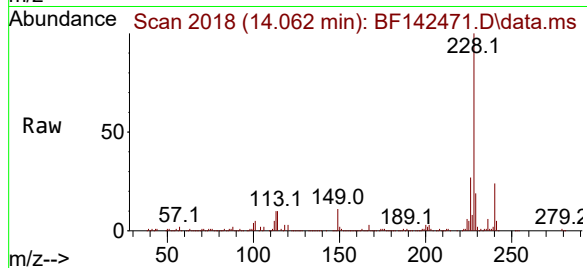




#81
Benzo(a)anthracene
Concen: 38.276 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

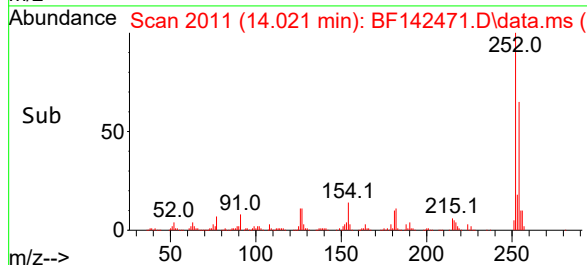
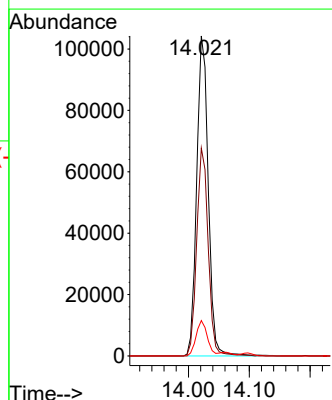
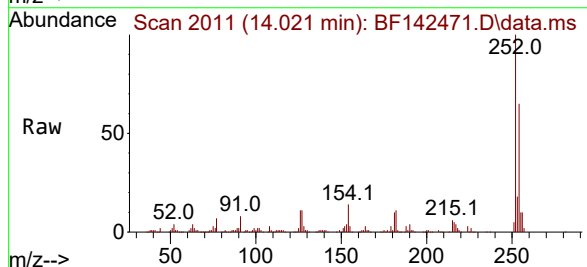
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

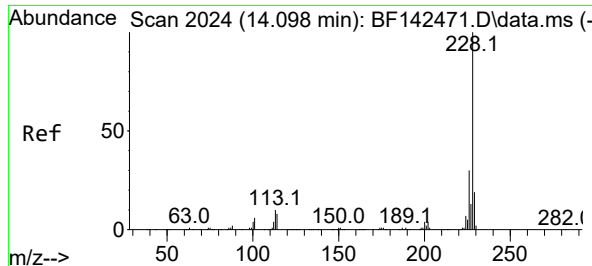
Tgt Ion:228 Resp: 431998
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.4 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 40.148 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:252 Resp: 137438
Ion Ratio Lower Upper
252 100
254 65.0 52.0 78.0
126 11.1 8.9 13.3





#83

Chrysene

Concen: 38.168 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

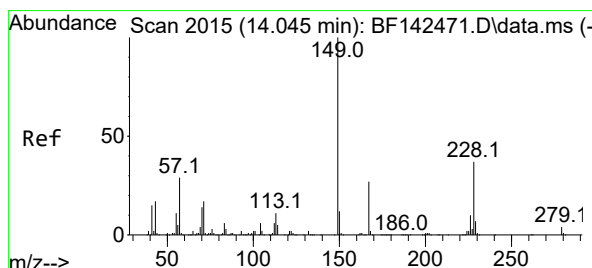
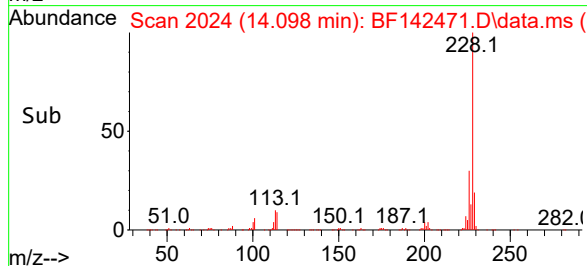
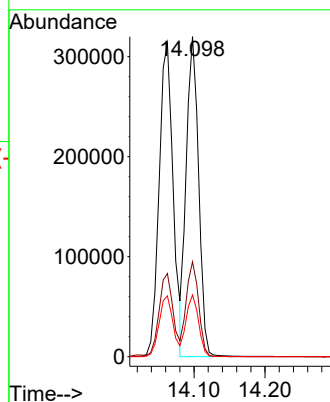
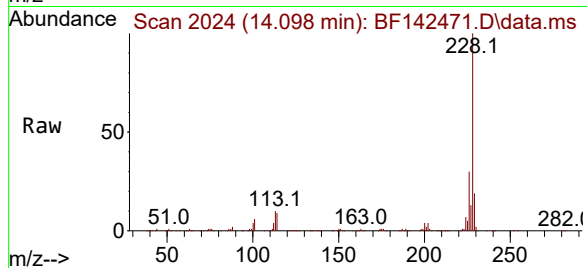
Tgt Ion:228 Resp: 387081

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.3 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.800 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

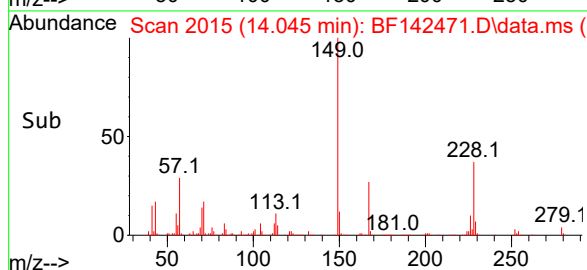
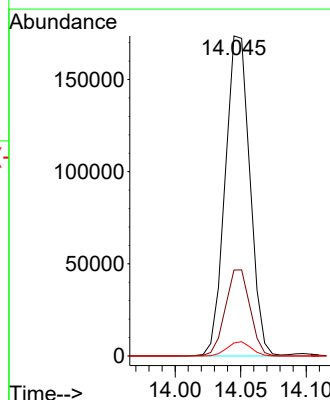
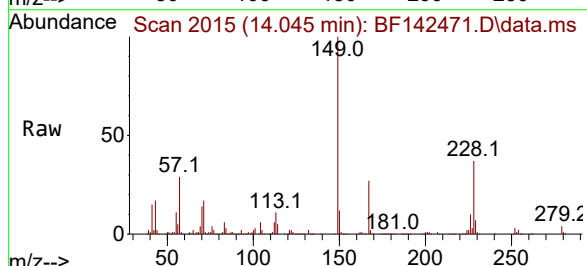
Tgt Ion:149 Resp: 227555

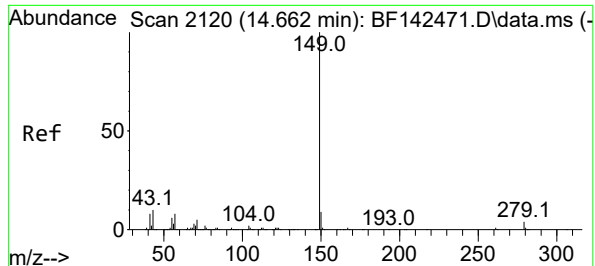
Ion Ratio Lower Upper

149 100

167 26.9 21.5 32.3

279 4.0 3.2 4.8

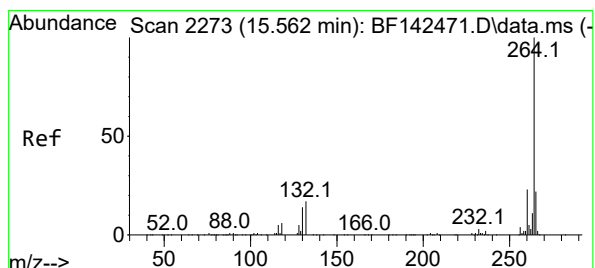
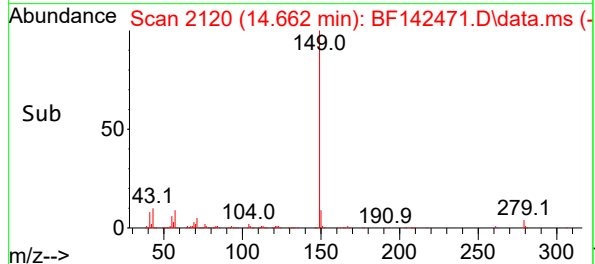
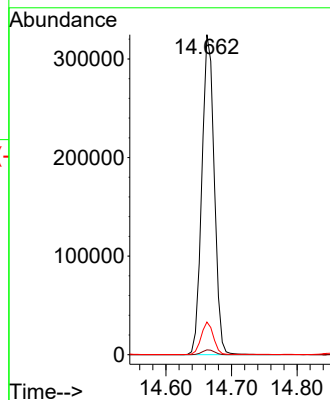
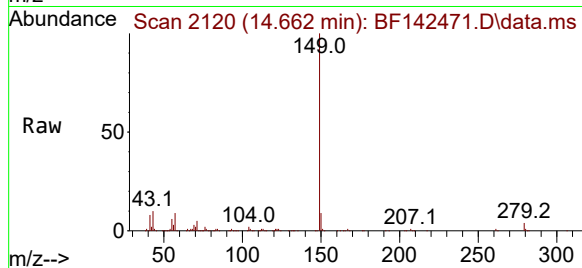




#85
Di-n-octyl phthalate
Concen: 39.246 ng
RT: 14.662 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

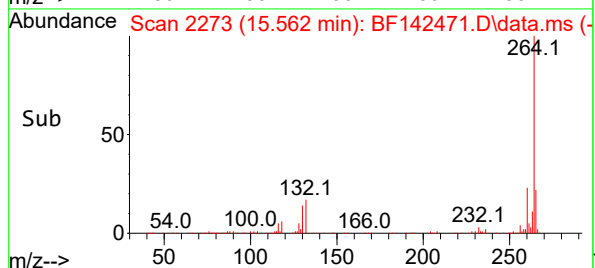
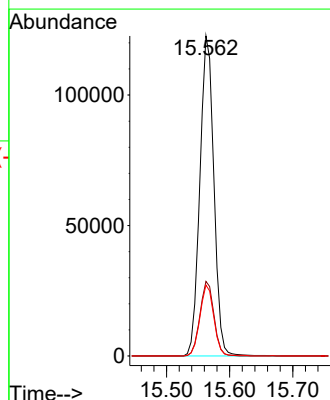
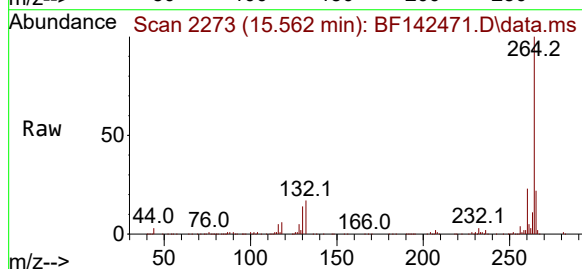
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

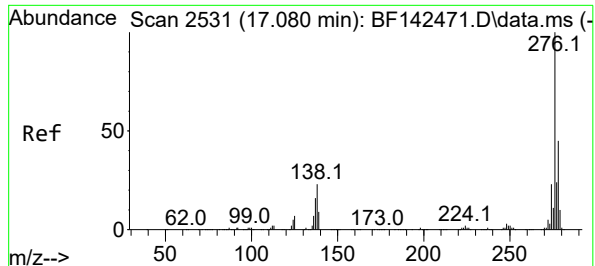
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	7.9	11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.1	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.584 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

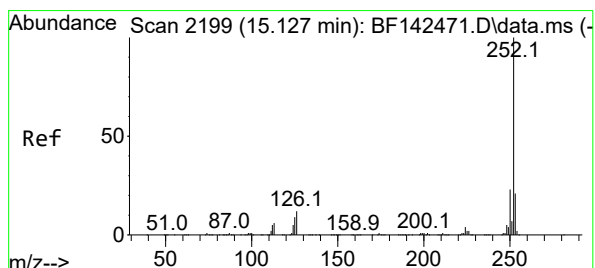
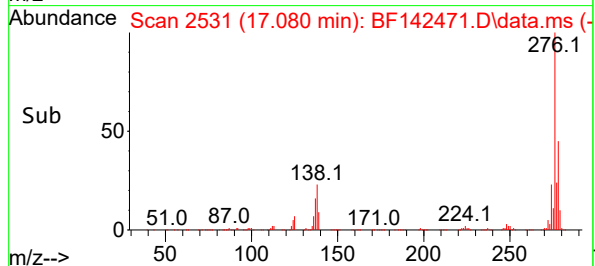
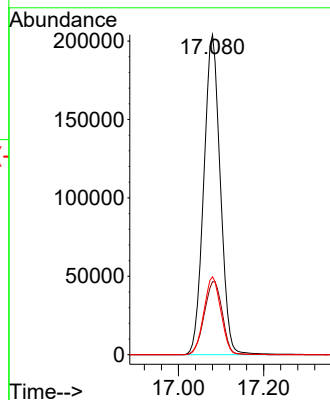
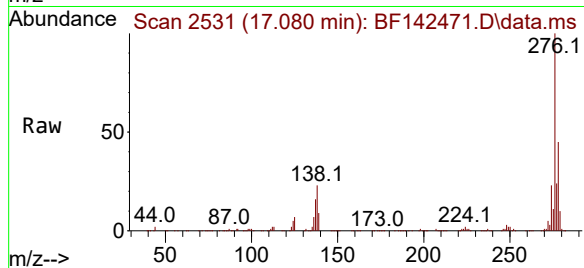
Tgt Ion:276 Resp: 548309

Ion Ratio Lower Upper

276 100

138 24.9 19.9 29.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.041 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

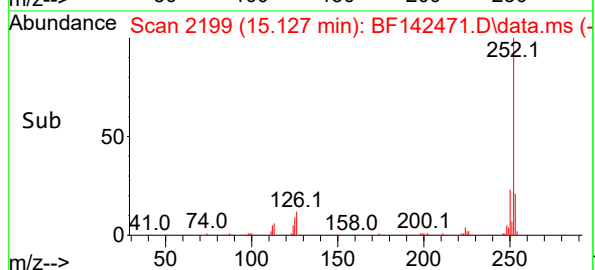
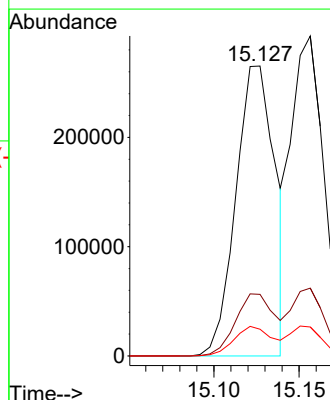
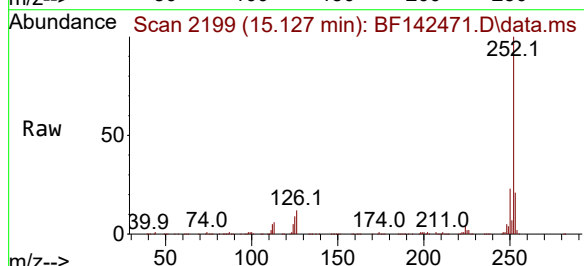
Tgt Ion:252 Resp: 426174

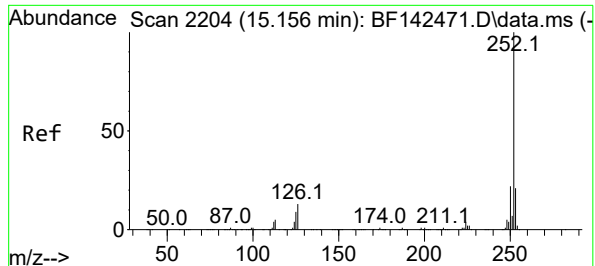
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 37.603 ng

RT: 15.156 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

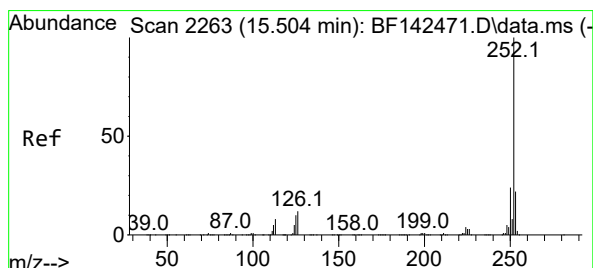
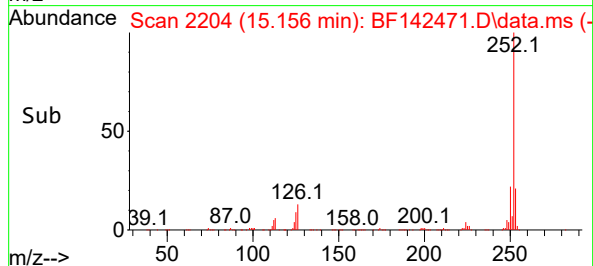
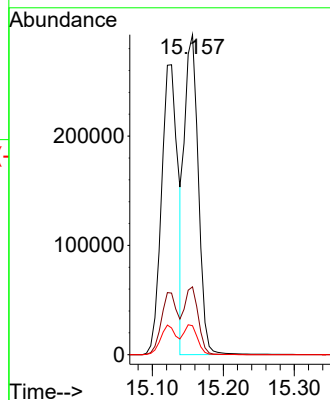
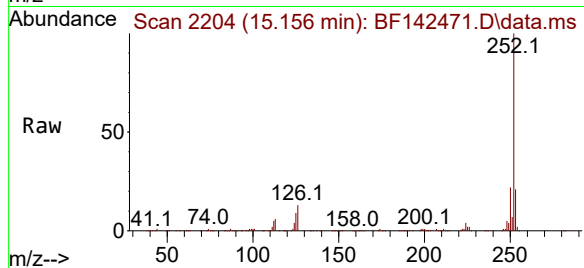
Tgt Ion:252 Resp: 394567

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 9.1 7.3 10.9



#90

Benzo(a)pyrene

Concen: 38.761 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

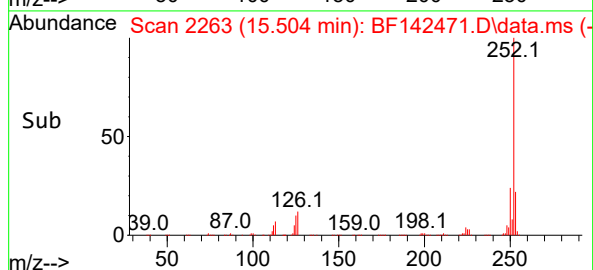
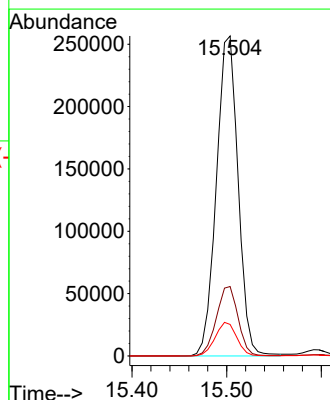
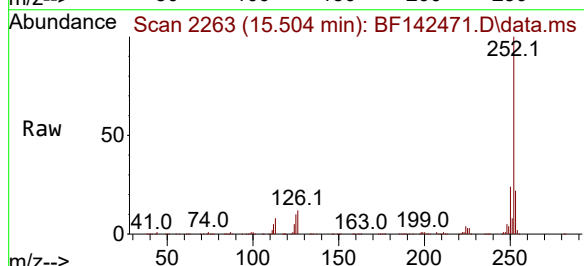
Tgt Ion:252 Resp: 409312

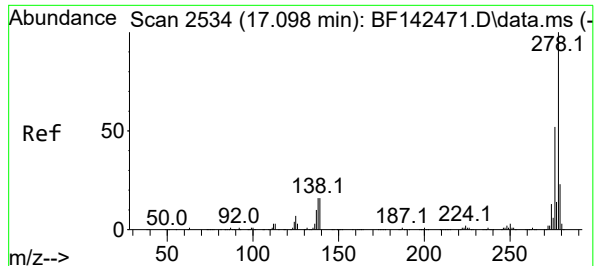
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.9 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 38.903 ng

RT: 17.098 min Scan# 2534

Delta R.T. -0.018 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

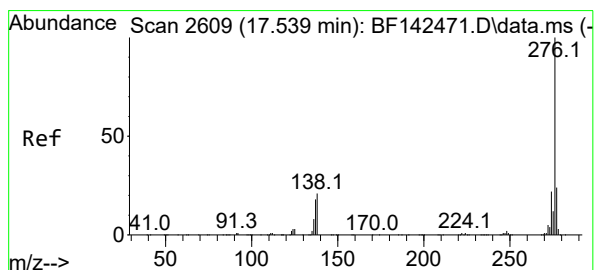
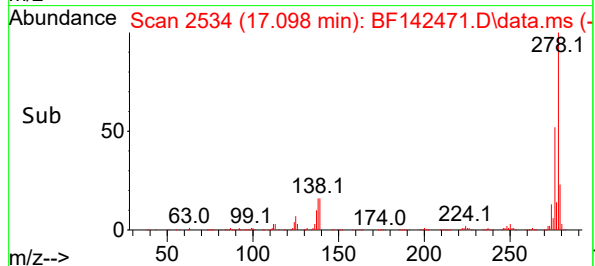
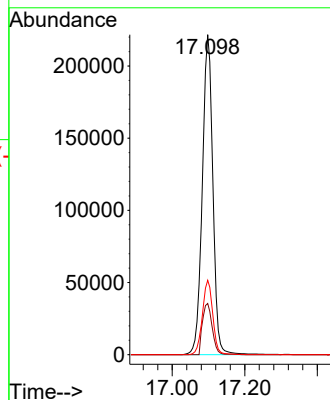
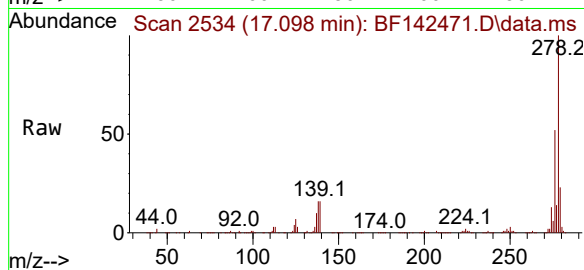
Tgt Ion:278 Resp: 448372

Ion Ratio Lower Upper

278 100

139 16.0 12.8 19.2

279 23.3 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 38.747 ng

RT: 17.539 min Scan# 2609

Delta R.T. -0.018 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

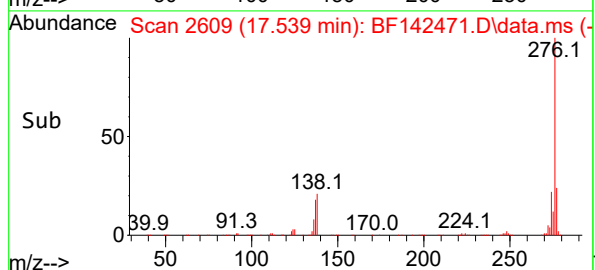
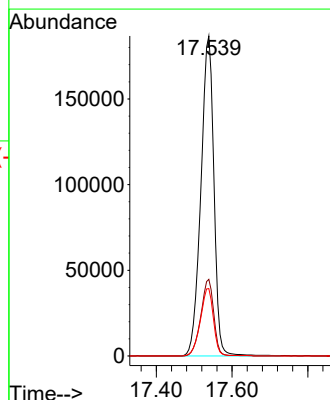
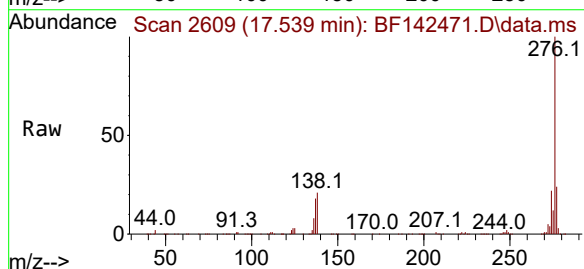
Tgt Ion:276 Resp: 446674

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 21.0 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142472.D
 Acq On : 20 May 2025 14:34
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: May 20 16:55:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	86396	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	336796	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	181409	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	301685	20.000	ng	0.00
76) Chrysene-d12	14.074	240	149689	20.000	ng	0.00
86) Perylene-d12	15.562	264	171586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	526965	102.760	ng	0.00
7) Phenol-d6	6.528	99	633841	102.679	ng	0.00
23) Nitrobenzene-d5	7.469	82	643186	104.135	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	211319	104.956	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1342037	99.269	ng	0.00
79) Terphenyl-d14	13.016	244	1116751	101.951	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	107972	52.616	ng	99
3) Pyridine	3.434	79	275005	52.626	ng	99
4) n-Nitrosodimethylamine	3.393	42	145296	53.550	ng	99
6) Aniline	6.563	93	430377	51.852	ng	99
8) 2-Chlorophenol	6.687	128	288948	51.731	ng	99
9) Benzaldehyde	6.451	77	188241	50.700	ng	98
10) Phenol	6.540	94	357896	51.526	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	261046	52.210	ng	100
12) 1,3-Dichlorobenzene	6.845	146	320095	51.357	ng	99
13) 1,4-Dichlorobenzene	6.922	146	322871	51.427	ng	99
14) 1,2-Dichlorobenzene	7.075	146	309332	51.491	ng	100
15) Benzyl Alcohol	7.040	79	244326	53.559	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	434451	51.741	ng	100
17) 2-Methylphenol	7.151	107	227385	52.141	ng	99
18) Hexachloroethane	7.416	117	114346	52.159	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	197020	51.498	ng	99
20) 3+4-Methylphenols	7.304	107	288829	51.719	ng	91
22) Acetophenone	7.310	105	380175	50.992	ng	97
24) Nitrobenzene	7.487	77	288748	51.834	ng	99
25) Isophorone	7.728	82	536829	51.985	ng	99
26) 2-Nitrophenol	7.798	139	159779	53.679	ng	99
27) 2,4-Dimethylphenol	7.834	122	273604	52.123	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	329256	51.041	ng	100
29) 2,4-Dichlorophenol	8.039	162	252244	52.840	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	269064	51.934	ng	97
31) Naphthalene	8.210	128	847571	51.109	ng	100
32) Benzoic acid	7.951	122	177379	55.512	ng	98
33) 4-Chloroaniline	8.257	127	349678	52.037	ng	99
34) Hexachlorobutadiene	8.328	225	166363	51.428	ng	98
35) Caprolactam	8.628	113	71458	53.297	ng	99
36) 4-Chloro-3-methylphenol	8.733	107	253726	51.862	ng	99
37) 2-Methylnaphthalene	8.898	142	531122	50.907	ng	100
38) 1-Methylnaphthalene	8.998	142	547258	50.711	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	268407	51.543	ng	99
41) Hexachlorocyclopentadiene	9.051	237	195080	55.532	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	184076	52.421	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142472.D
 Acq On : 20 May 2025 14:34
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

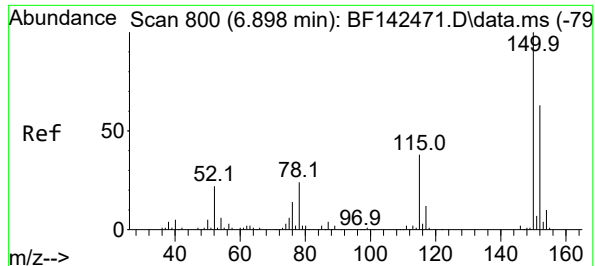
Quant Time: May 20 16:55:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	198266	53.537	ng	99
46) 1,1'-Biphenyl	9.363	154	723473	51.405	ng	100
47) 2-Chloronaphthalene	9.386	162	536379	51.583	ng	100
48) 2-Nitroaniline	9.481	65	160529	53.410	ng	99
49) Acenaphthylene	9.804	152	906063	51.602	ng	100
50) Dimethylphthalate	9.663	163	619616	51.764	ng	100
51) 2,6-Dinitrotoluene	9.722	165	137090	53.064	ng	98
52) Acenaphthene	9.980	154	554762	51.742	ng	99
53) 3-Nitroaniline	9.892	138	149786	53.082	ng	99
54) 2,4-Dinitrophenol	9.998	184	76730	57.487	ng	95
55) Dibenzofuran	10.151	168	787446	51.038	ng	100
56) 4-Nitrophenol	10.045	139	114198	54.849	ng	99
57) 2,4-Dinitrotoluene	10.128	165	180417	53.473	ng	100
58) Fluorene	10.492	166	608966	51.090	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	163539	52.897	ng	98
60) Diethylphthalate	10.363	149	608941	52.089	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	296264	50.597	ng	99
62) 4-Nitroaniline	10.510	138	133141	52.024	ng	98
63) Azobenzene	10.645	77	542894	51.703	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	97203	57.734	ng	98
66) n-Nitrosodiphenylamine	10.604	169	525974	50.960	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	185711	52.061	ng	99
68) Hexachlorobenzene	11.039	284	205759	52.151	ng	100
69) Atrazine	11.127	200	147922	53.966	ng	99
70) Pentachlorophenol	11.233	266	122184	54.852	ng	99
71) Phenanthrene	11.457	178	818043	50.739	ng	100
72) Anthracene	11.510	178	837242	50.882	ng	99
73) Carbazole	11.663	167	716381	50.927	ng	100
74) Di-n-butylphthalate	11.986	149	798451	51.856	ng	100
75) Fluoranthene	12.645	202	752083	49.923	ng	100
77) Benzidine	12.763	184	301122	54.058	ng	99
78) Pyrene	12.874	202	733277	52.513	ng	100
80) Butylbenzylphthalate	13.492	149	215174	55.767	ng	97
81) Benzo(a)anthracene	14.063	228	520525	52.076	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	166223	54.828	ng	99
83) Chrysene	14.098	228	469491	52.273	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	286151	57.932	ng	100
85) Di-n-octyl phthalate	14.663	149	535844	55.482	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	679247	52.730	ng	99
88) Benzo(b)fluoranthene	15.127	252	518544	51.062	ng	99
89) Benzo(k)fluoranthene	15.157	252	505348	53.130	ng	99
90) Benzo(a)pyrene	15.504	252	508303	53.101	ng	100
91) Dibenzo(a,h)anthracene	17.104	278	553351	52.964	ng	100
92) Benzo(g,h,i)perylene	17.545	276	557271	53.328	ng	99

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

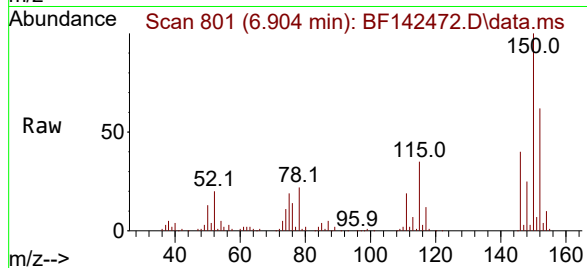
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BNA_F
ClientSampleId :
SSTDICC050

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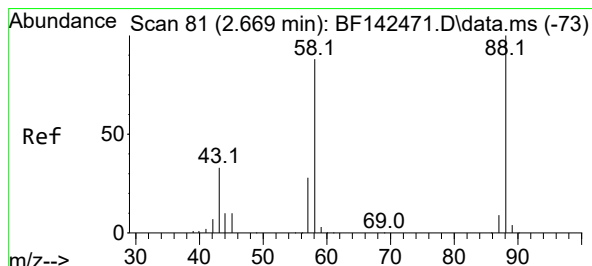
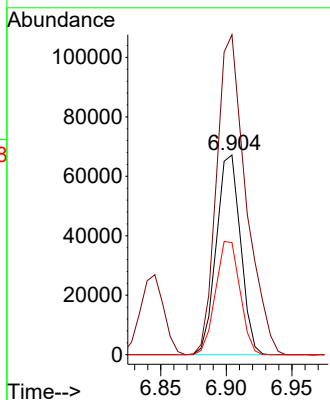
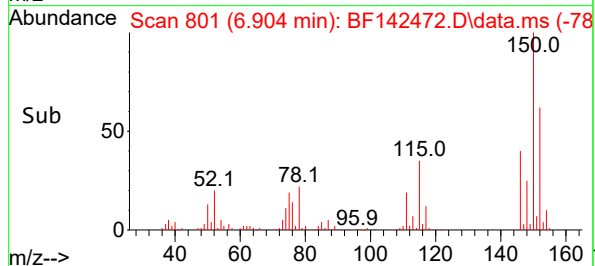


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

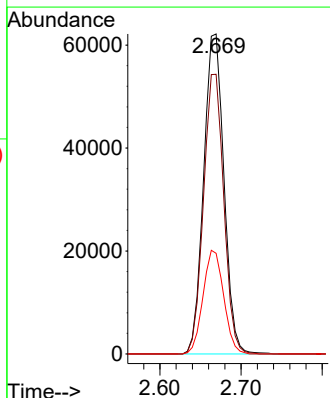
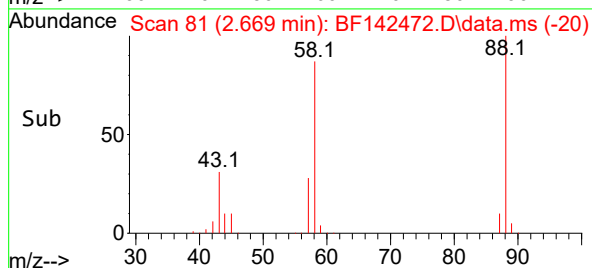
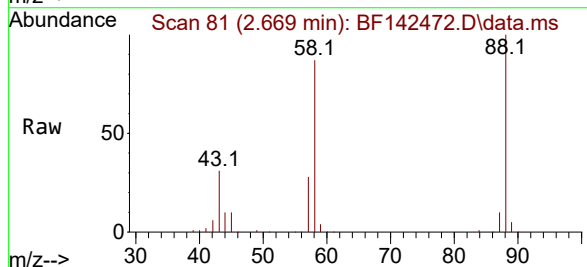


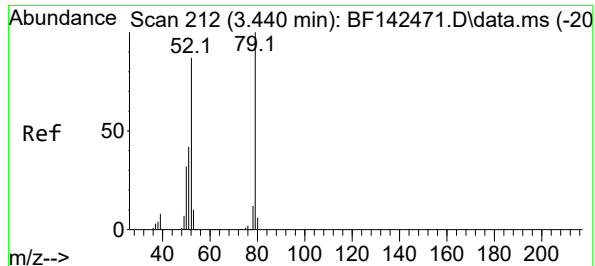
Tgt Ion:152 Resp: 86396
Ion Ratio Lower Upper
152 100
150 160.3 128.2 192.4
115 56.1 48.3 72.5



#2
1,4-Dioxane
Concen: 52.616 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 88 Resp: 107972
Ion Ratio Lower Upper
88 100
58 87.2 70.8 106.2
43 33.0 26.6 40.0





#3

Pyridine

Concen: 52.626 ng

RT: 3.434 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

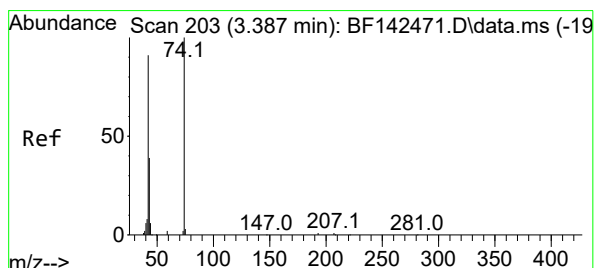
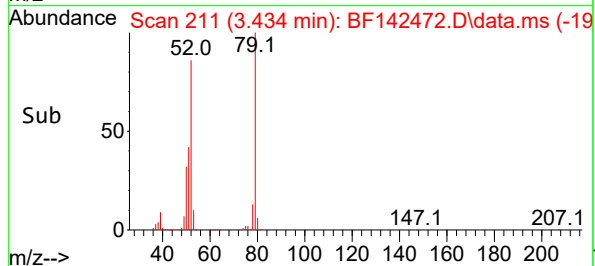
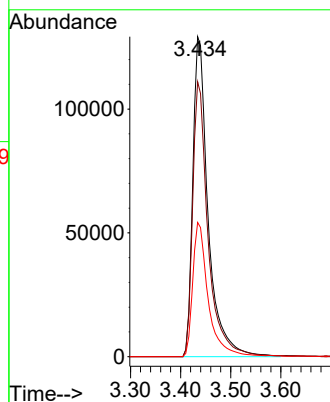
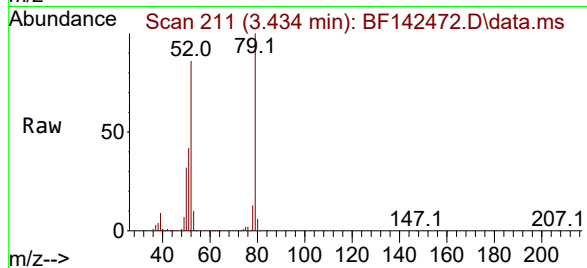
Tgt Ion: 79 Resp: 275005

Ion Ratio Lower Upper

79 100

52 85.9 69.2 103.8

51 41.9 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 53.550 ng

RT: 3.393 min Scan# 204

Delta R.T. -0.012 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

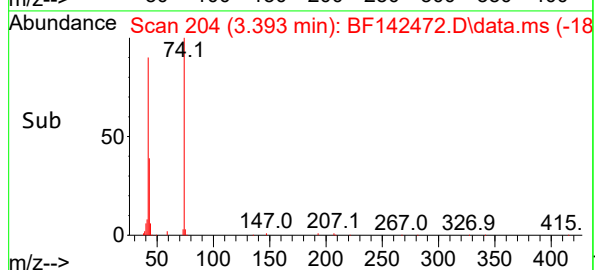
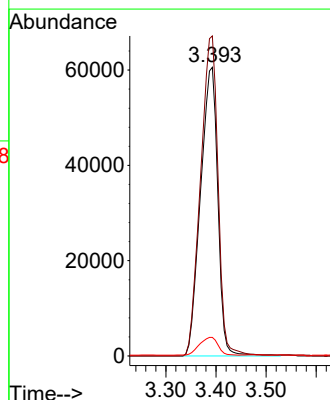
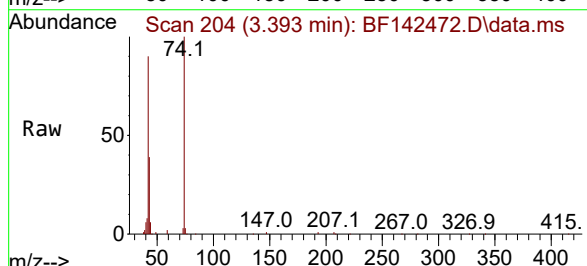
Tgt Ion: 42 Resp: 145296

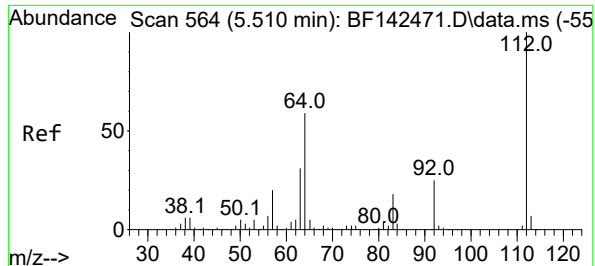
Ion Ratio Lower Upper

42 100

74 110.9 88.2 132.4

44 6.4 5.4 8.2





#5

2-Fluorophenol

Concen: 102.760 ng

RT: 5.510 min Scan# 5

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

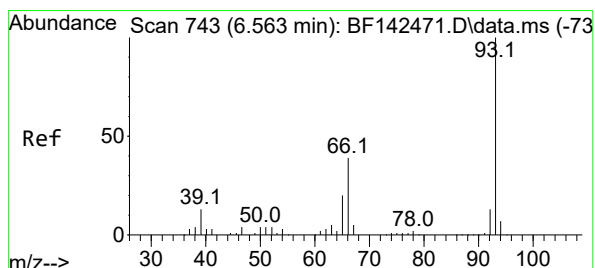
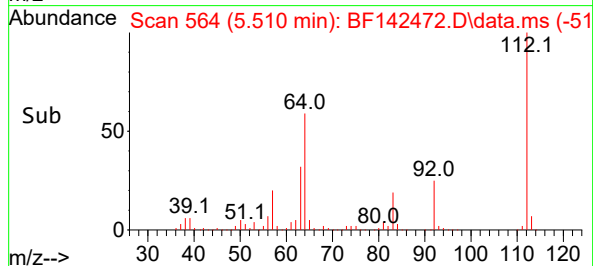
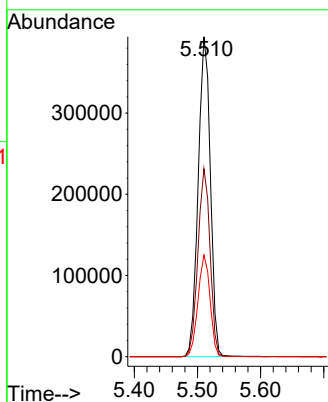
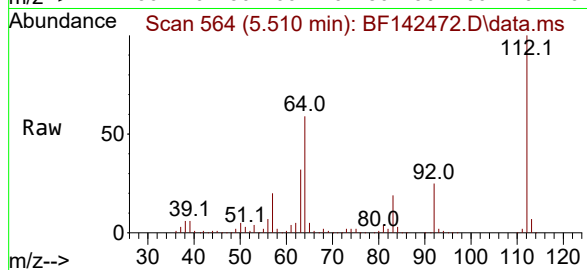
Tgt Ion:112 Resp: 526965

Ion Ratio Lower Upper

112 100

64 58.8 47.5 71.3

63 31.8 24.9 37.3



#6

Aniline

Concen: 51.852 ng

RT: 6.563 min Scan# 743

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

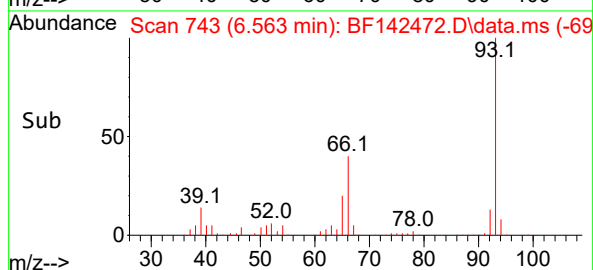
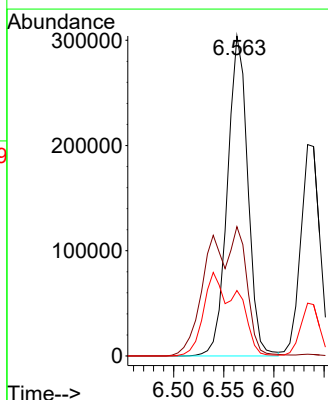
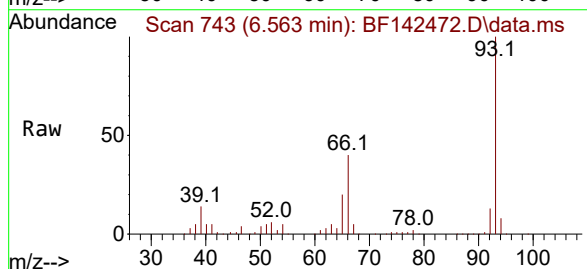
Tgt Ion: 93 Resp: 430377

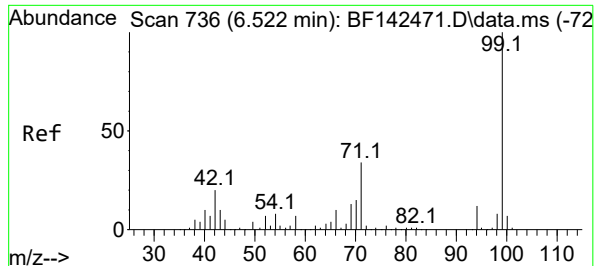
Ion Ratio Lower Upper

93 100

66 40.4 32.0 48.0

65 20.4 16.1 24.1

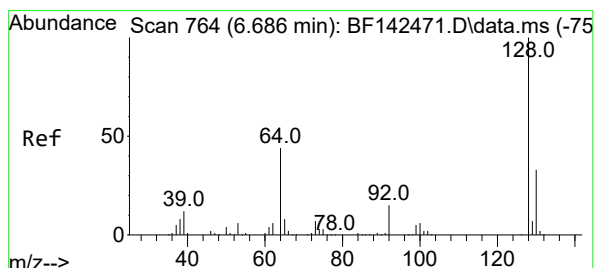
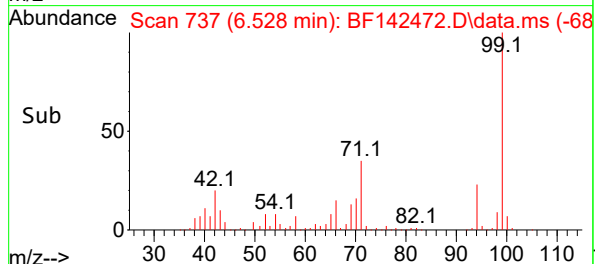
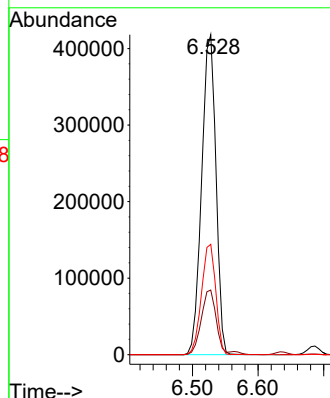
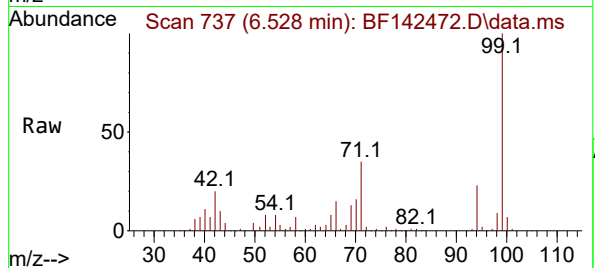




#7
Phenol-d6
Concen: 102.679 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

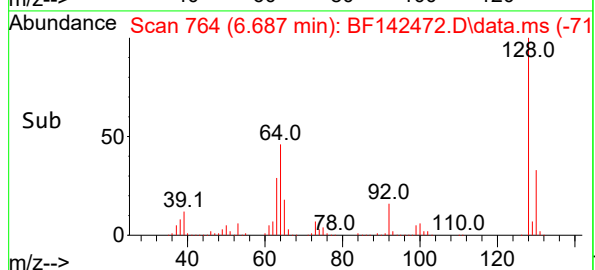
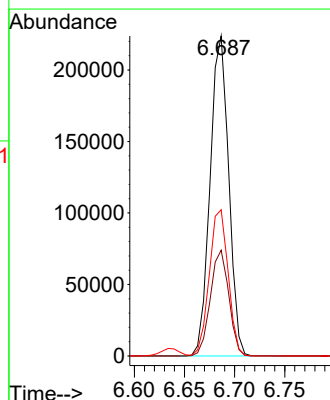
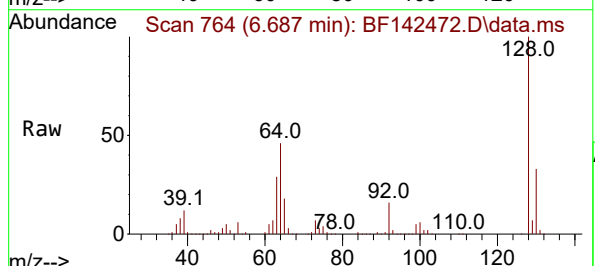
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

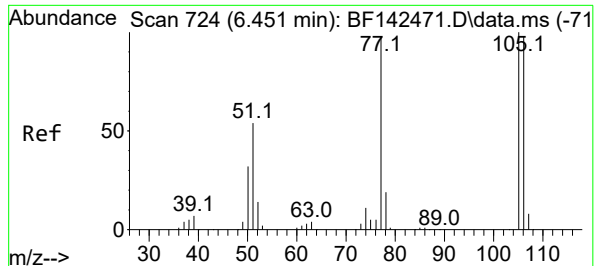
Tgt Ion: 99 Resp: 633841
Ion Ratio Lower Upper
99 100
42 20.2 16.2 24.2
71 34.5 27.3 40.9



#8
2-Chlorophenol
Concen: 51.731 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:128 Resp: 288948
Ion Ratio Lower Upper
128 100
130 33.1 12.6 52.6
64 45.7 25.1 65.1





#9

Benzaldehyde

Concen: 50.700 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

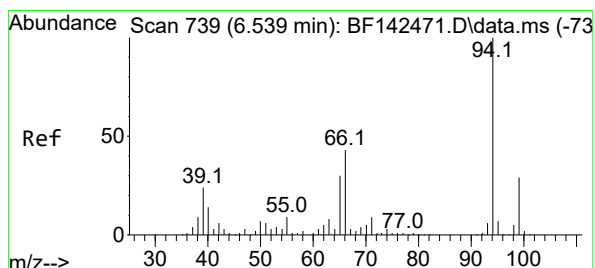
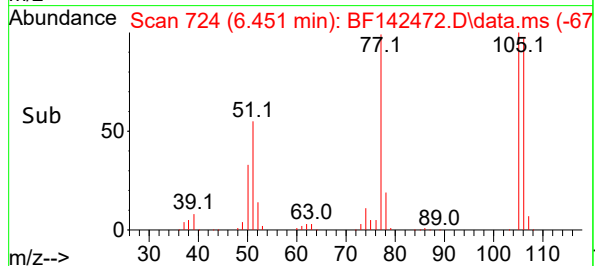
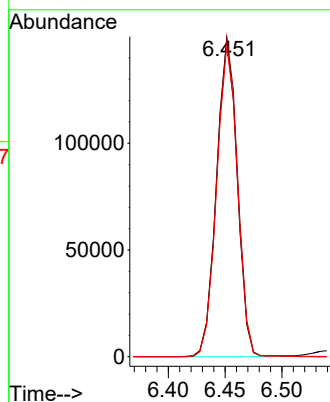
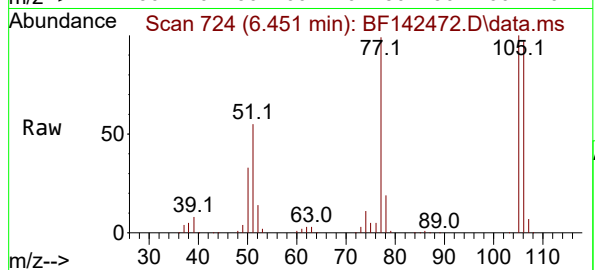
Tgt Ion: 77 Resp: 188241

Ion Ratio Lower Upper

77 100

105 100.9 82.5 122.5

106 98.0 80.0 120.0



#10

Phenol

Concen: 51.526 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

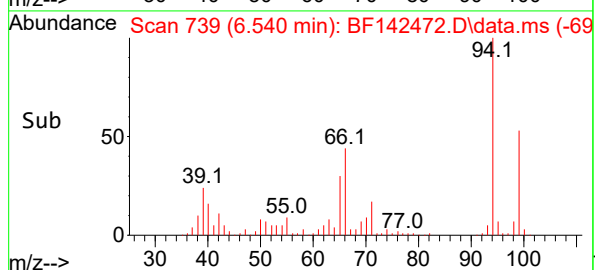
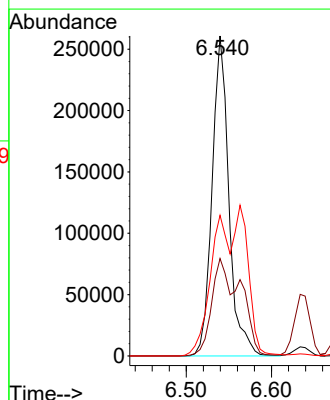
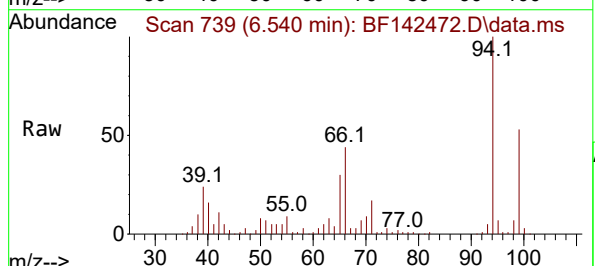
Tgt Ion: 94 Resp: 357896

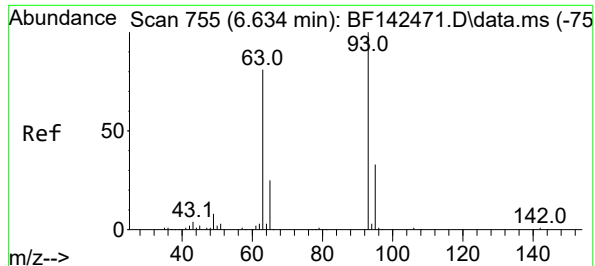
Ion Ratio Lower Upper

94 100

65 30.4 10.3 50.3

66 44.0 22.6 62.6

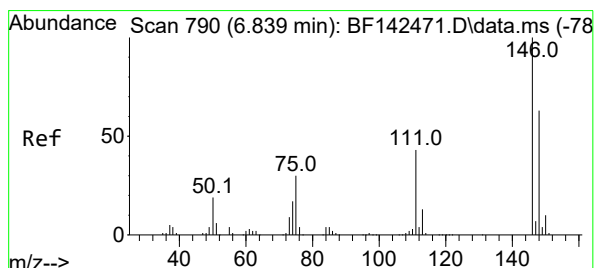
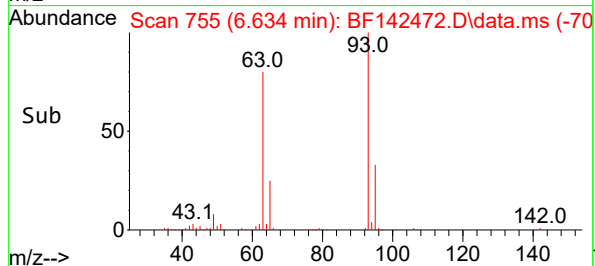
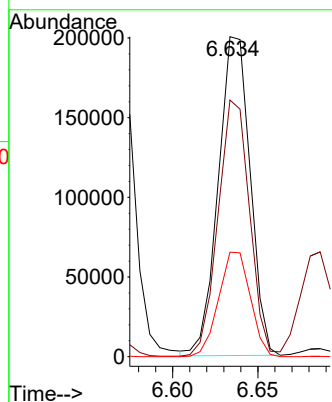
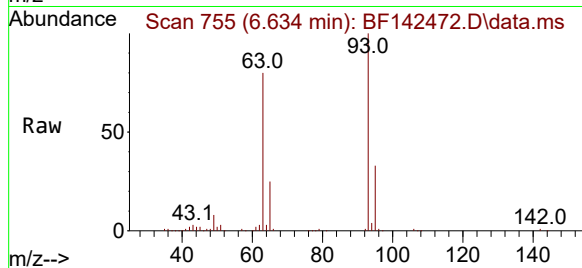




#11
bis(2-Chloroethyl)ether
Concen: 52.210 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

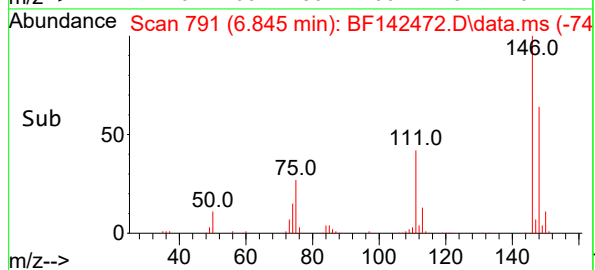
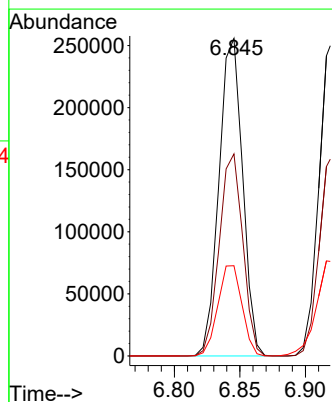
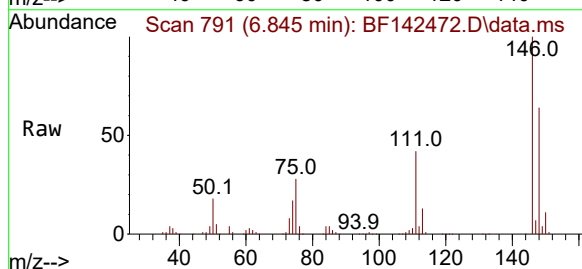
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

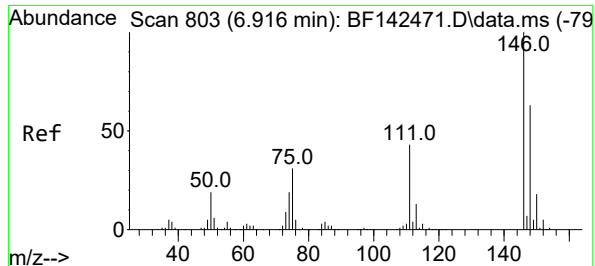
Tgt Ion: 93 Resp: 261046
Ion Ratio Lower Upper
93 100
63 80.2 60.2 100.2
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 51.357 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 146 Resp: 320095
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 28.4 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 51.427 ng

RT: 6.922 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

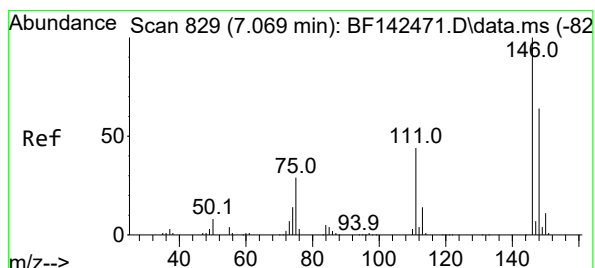
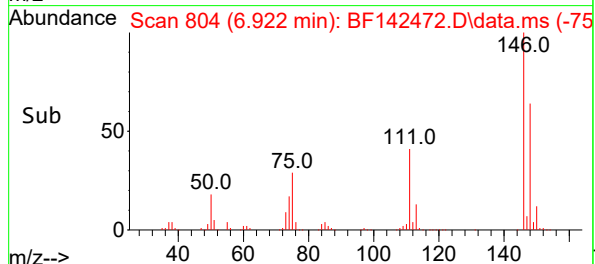
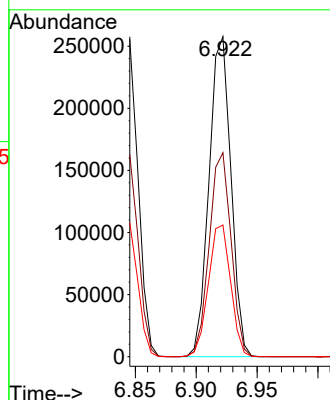
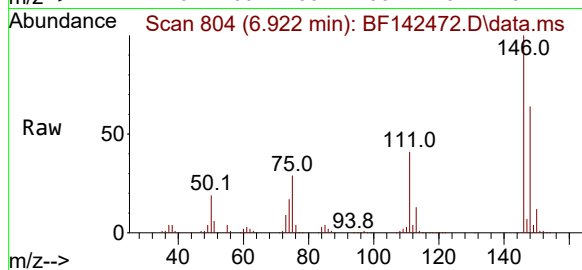
Tgt Ion:146 Resp: 322871

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

111 41.1 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 51.491 ng

RT: 7.075 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

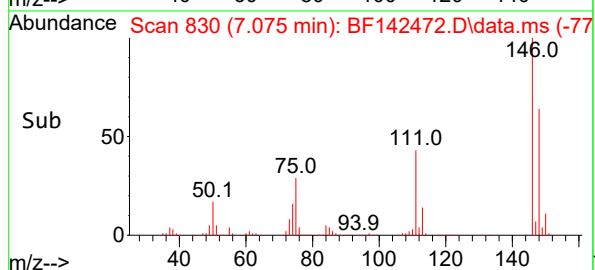
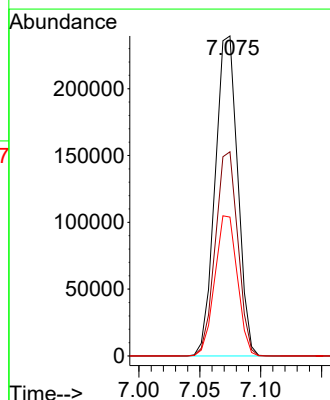
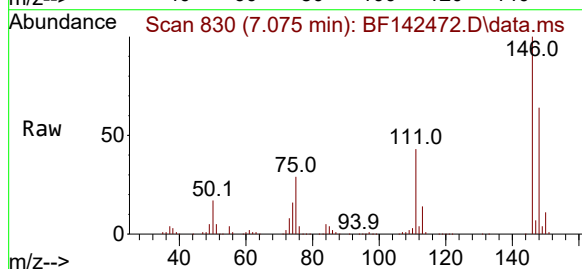
Tgt Ion:146 Resp: 309332

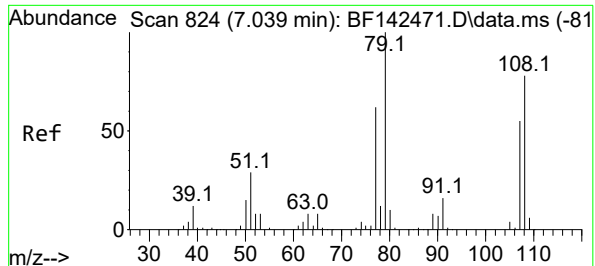
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

111 43.4 35.0 52.6





#15

Benzyl Alcohol

Concen: 53.559 ng

RT: 7.040 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

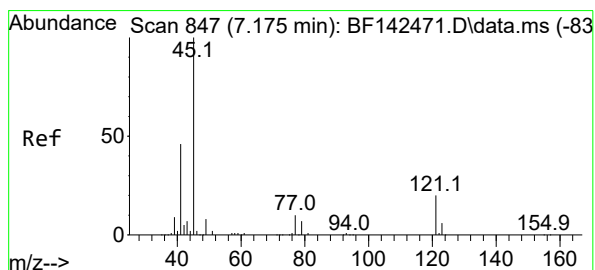
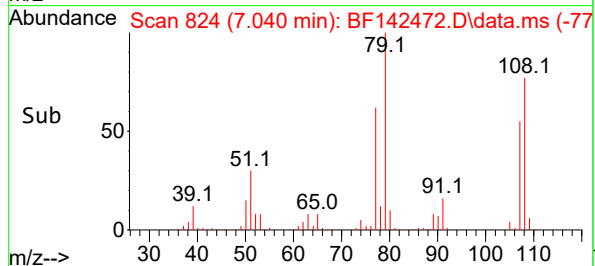
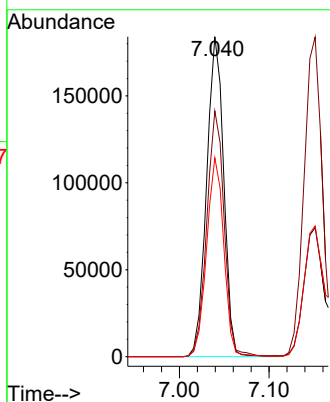
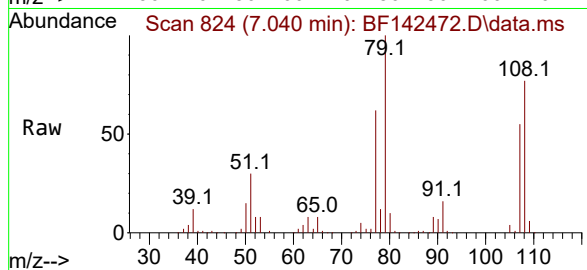
Tgt Ion: 79 Resp: 244326

Ion Ratio Lower Upper

79 100

108 76.8 62.1 93.1

77 62.1 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.741 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

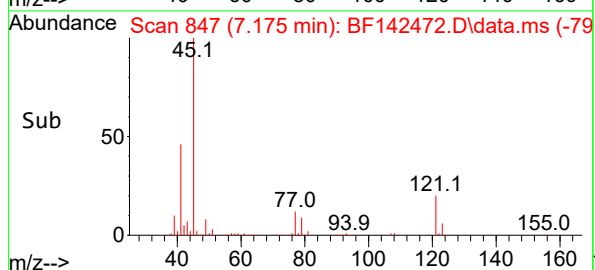
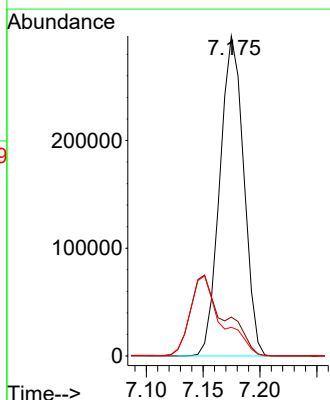
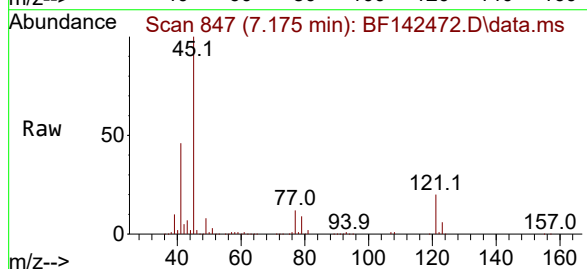
Tgt Ion: 45 Resp: 434451

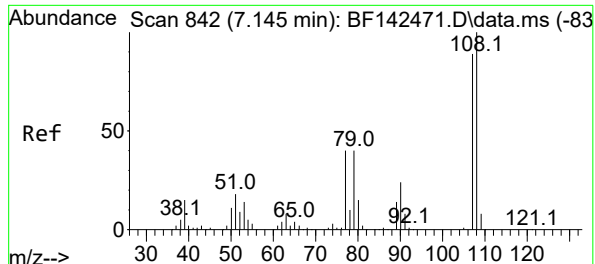
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.0

79 9.0 0.0 29.2

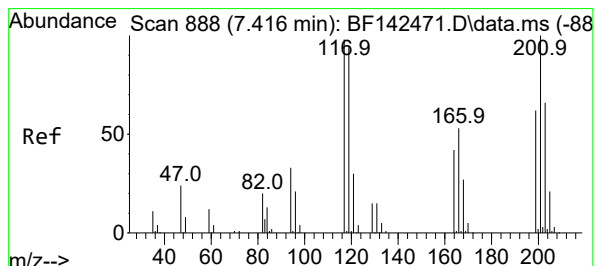
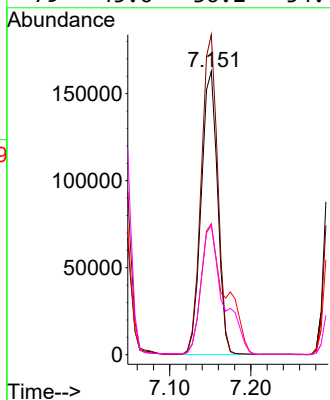
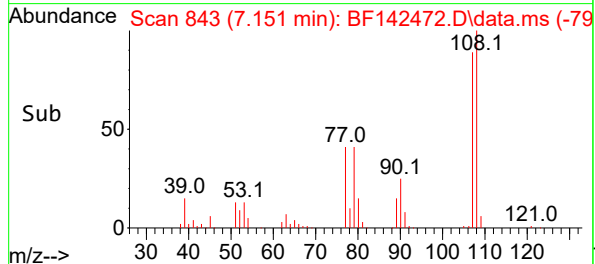
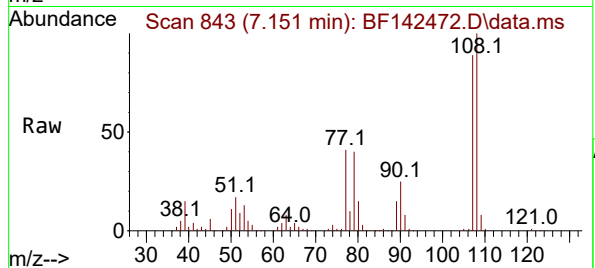




#17
2-Methylphenol
Concen: 52.141 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

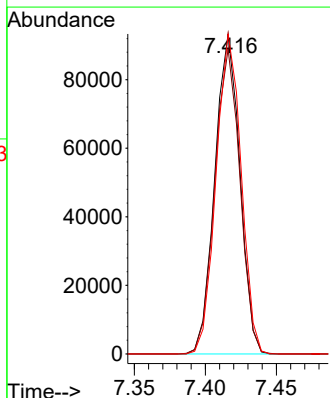
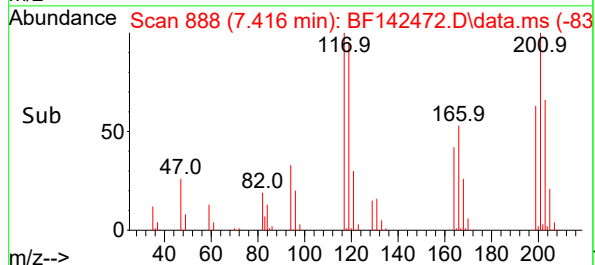
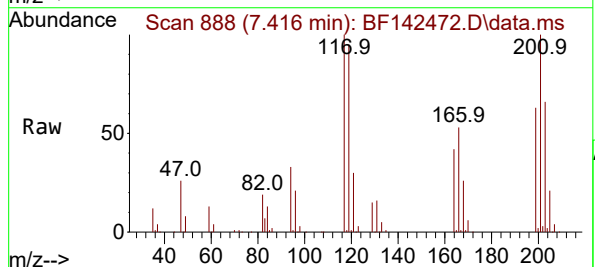
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

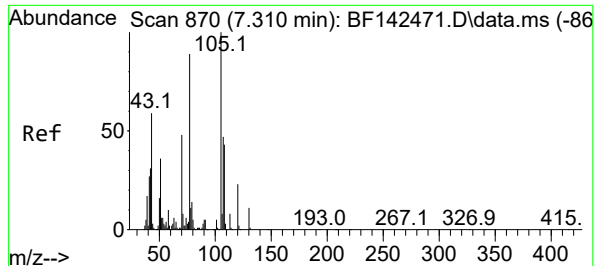
Tgt Ion:107 Resp: 227385
Ion Ratio Lower Upper
107 100
108 112.9 90.2 135.2
77 46.2 36.1 54.1
79 45.6 36.2 54.4



#18
Hexachloroethane
Concen: 52.159 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:117 Resp: 114346
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
201 100.0 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 51.498 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 197020

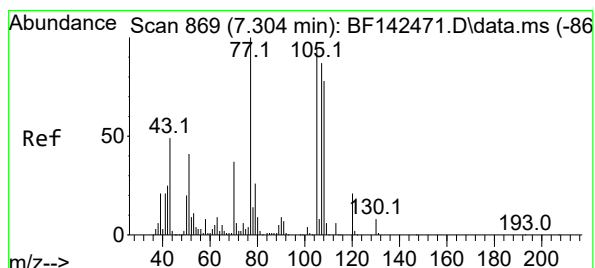
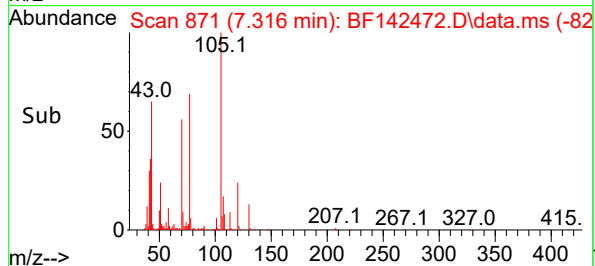
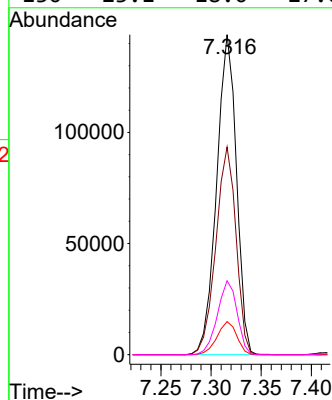
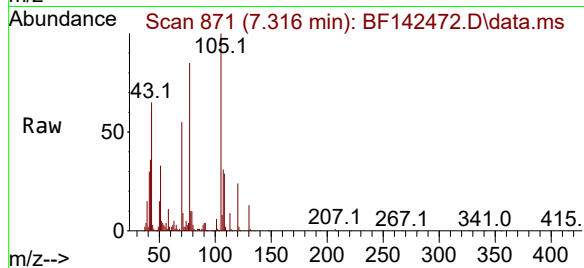
Ion Ratio Lower Upper

70 100

42 64.9 52.4 78.6

101 10.4 7.8 11.8

130 23.1 18.0 27.0



#20

3+4-Methylphenols

Concen: 51.719 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Tgt Ion: 107 Resp: 288829

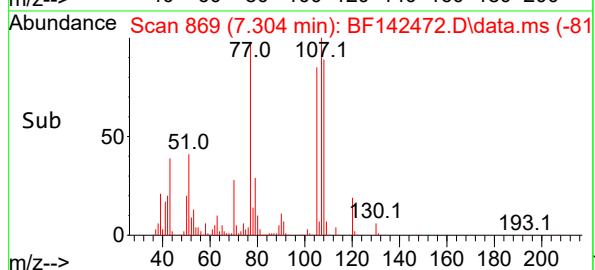
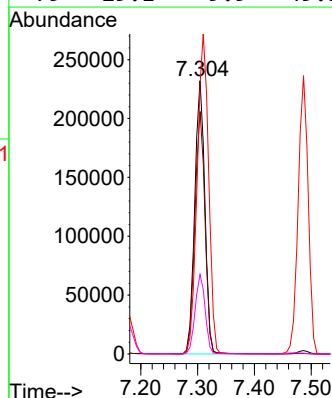
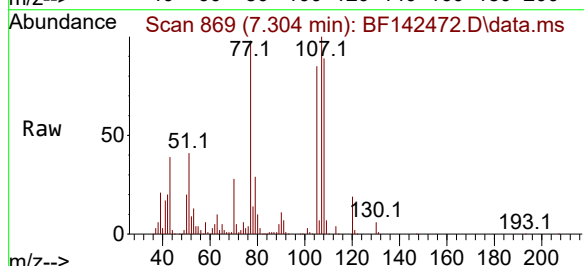
Ion Ratio Lower Upper

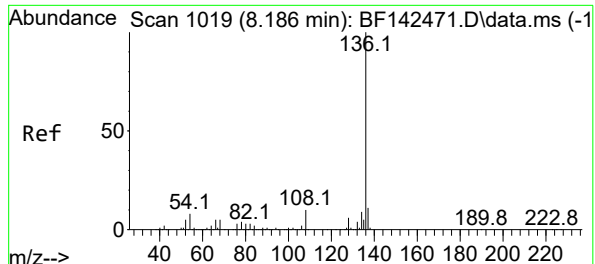
107 100

108 88.8 70.4 110.4

77 98.4 95.4 135.4

79 29.1 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 336796

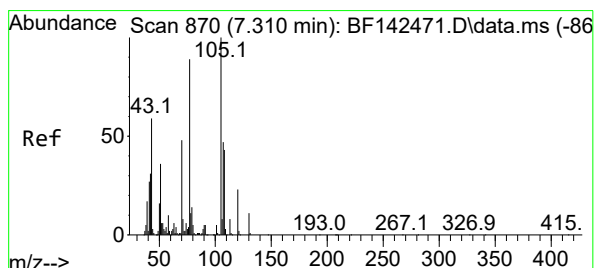
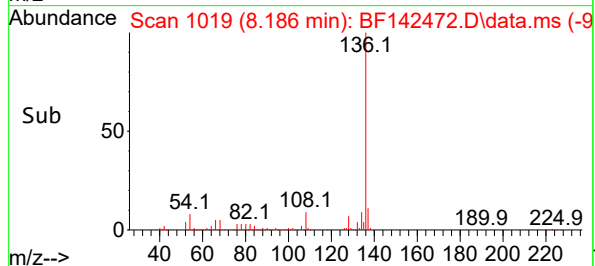
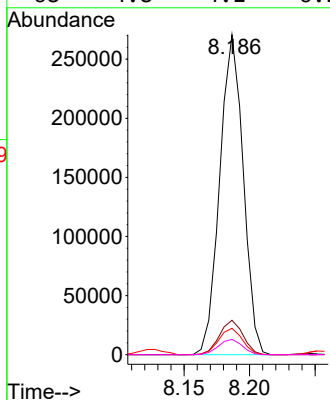
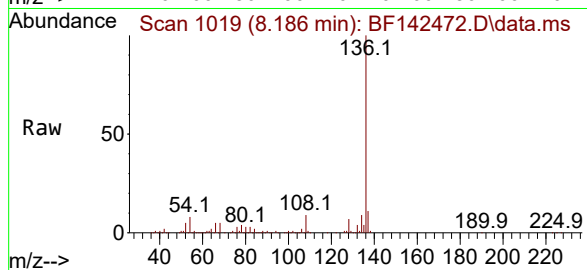
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.2 6.6 10.0

68 4.8 4.1 6.1



#22

Acetophenone

Concen: 50.992 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Tgt Ion:105 Resp: 380175

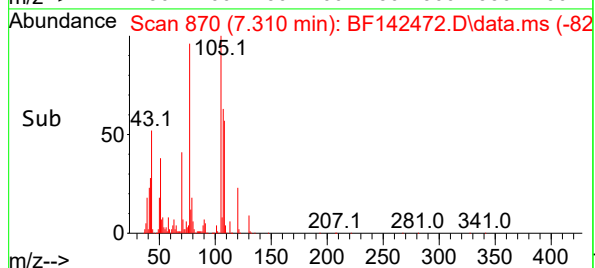
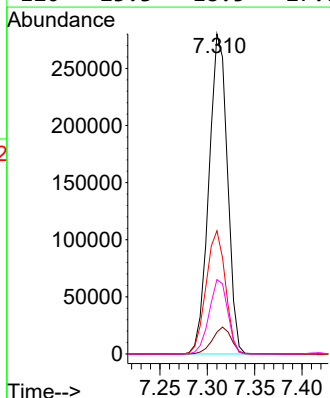
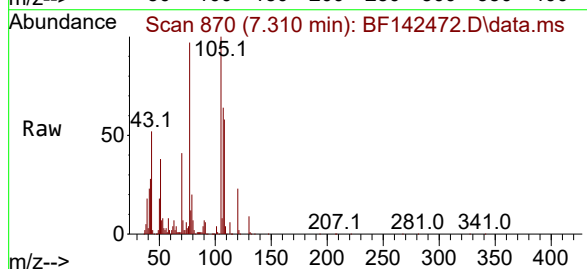
Ion Ratio Lower Upper

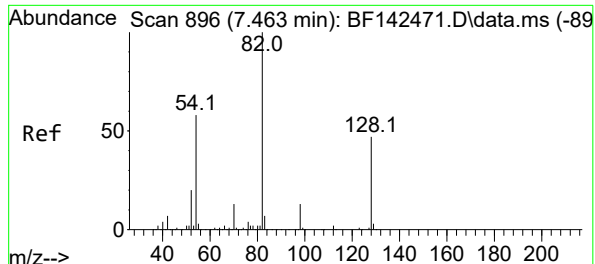
105 100

71 6.8 6.4 9.6

51 38.5 28.6 42.8

120 23.3 18.5 27.7





#23

Nitrobenzene-d5

Concen: 104.135 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

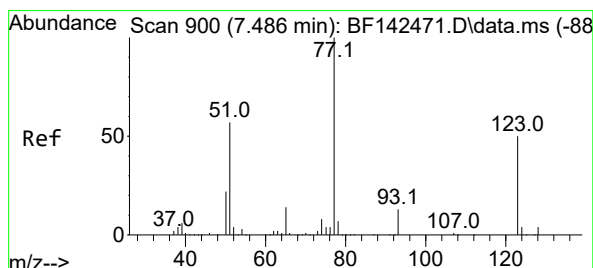
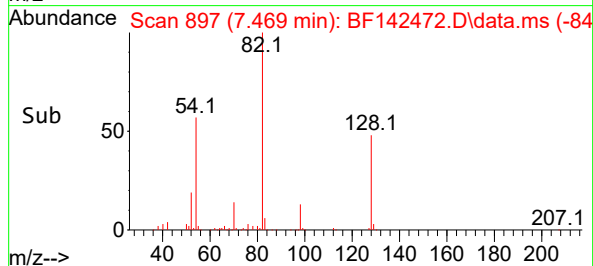
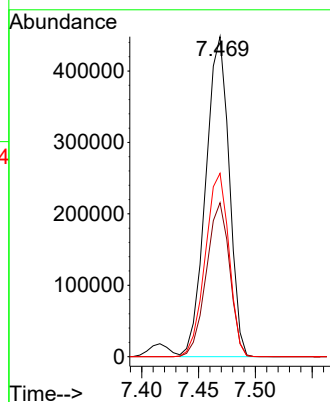
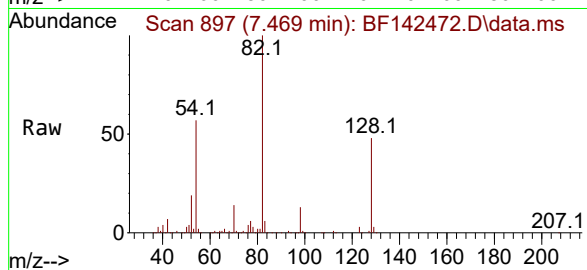
Tgt Ion: 82 Resp: 643186

Ion Ratio Lower Upper

82 100

128 48.1 37.4 56.2

54 57.3 46.6 70.0



#24

Nitrobenzene

Concen: 51.834 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

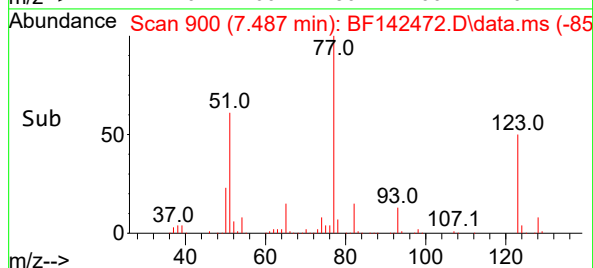
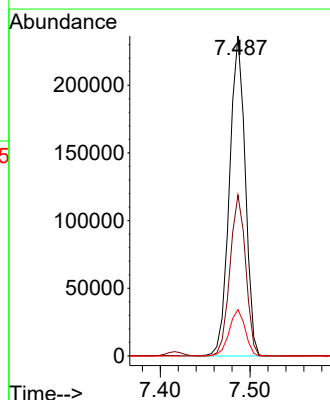
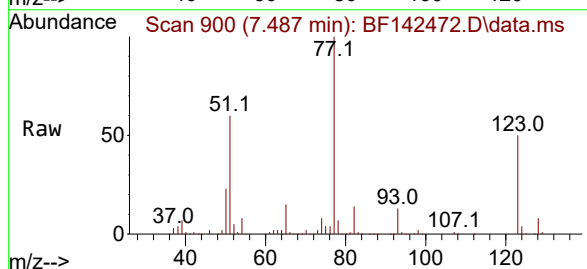
Tgt Ion: 77 Resp: 288748

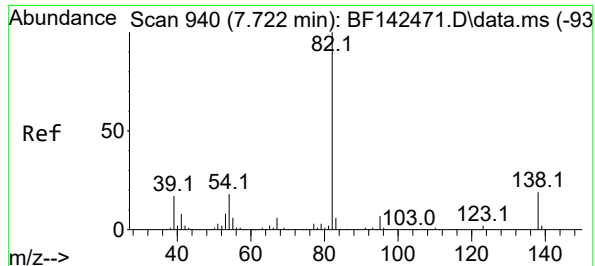
Ion Ratio Lower Upper

77 100

123 50.3 40.6 61.0

65 14.5 11.4 17.2





#25

Isophorone

Concen: 51.985 ng

RT: 7.728 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

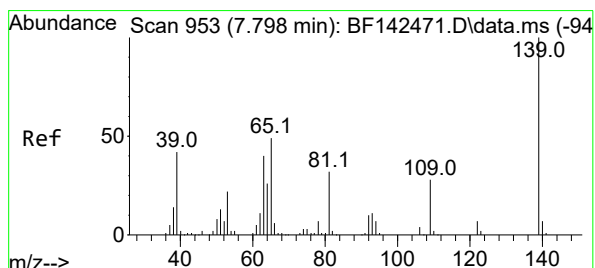
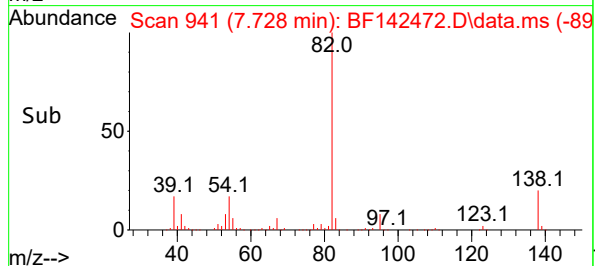
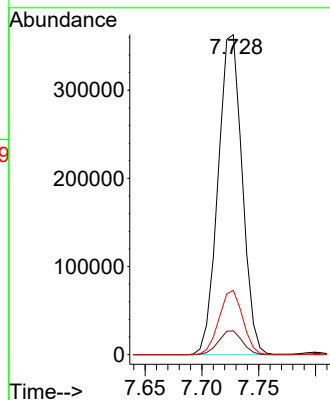
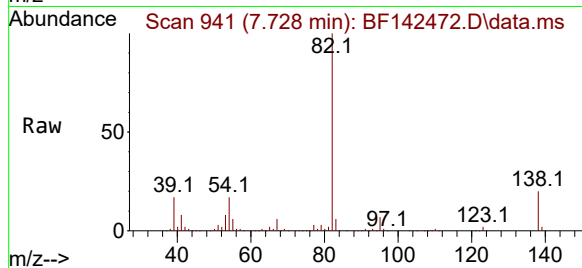
Tgt Ion: 82 Resp: 536829

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 20.1 15.5 23.3



#26

2-Nitrophenol

Concen: 53.679 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

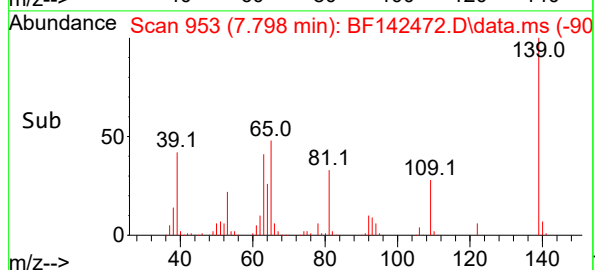
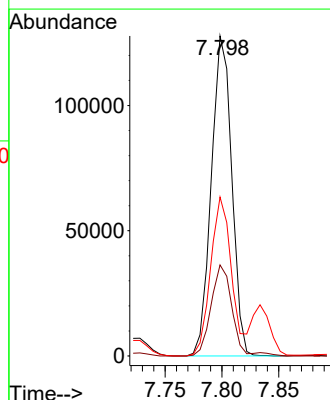
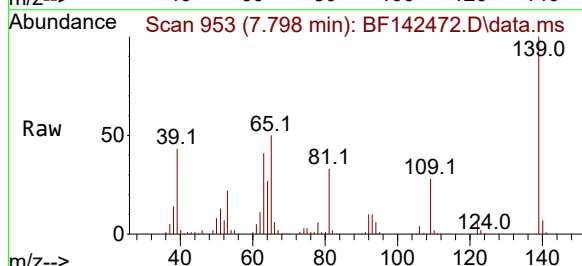
Tgt Ion:139 Resp: 159779

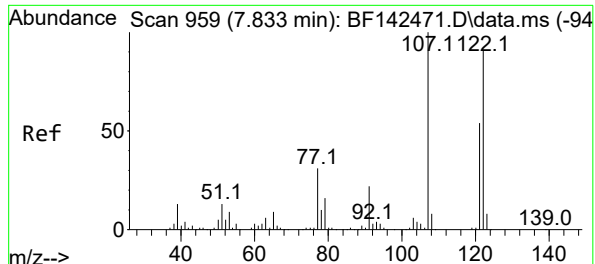
Ion Ratio Lower Upper

139 100

109 28.4 22.6 33.8

65 49.6 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 52.123 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

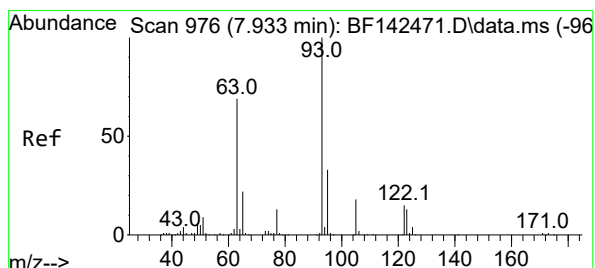
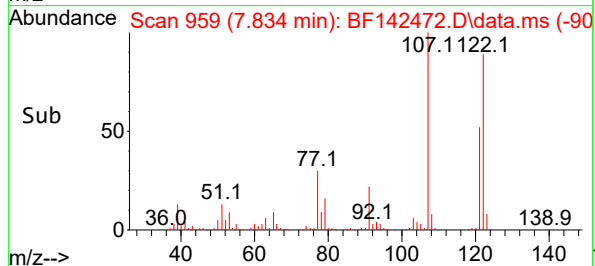
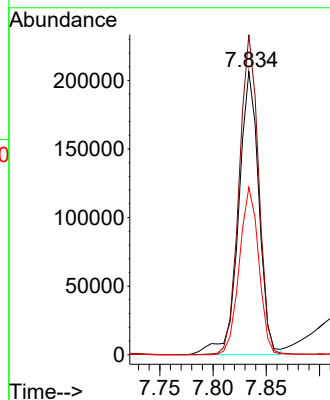
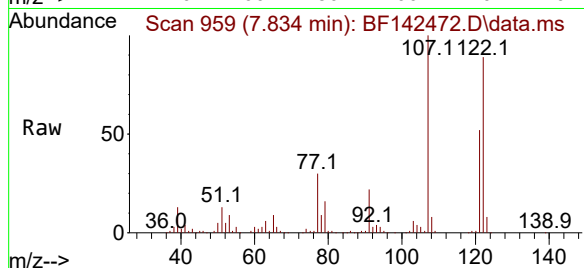
Tgt Ion:122 Resp: 273604

Ion Ratio Lower Upper

122 100

107 113.0 88.1 132.1

121 59.1 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 51.041 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

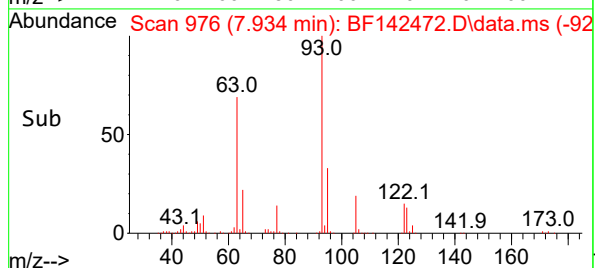
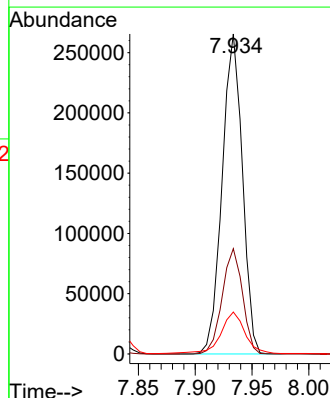
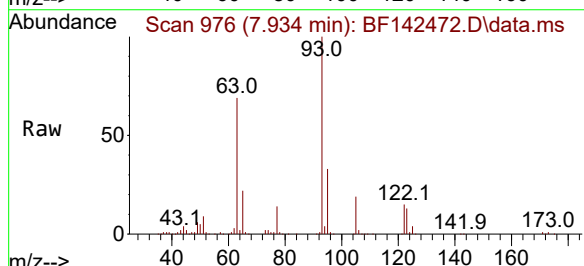
Tgt Ion: 93 Resp: 329256

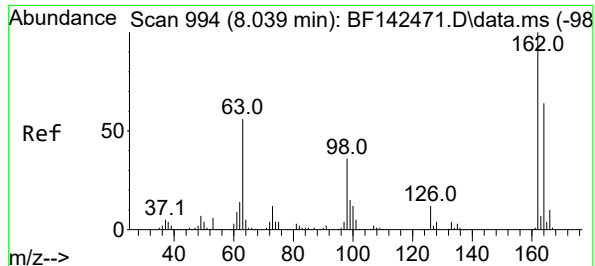
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 13.1 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 52.840 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

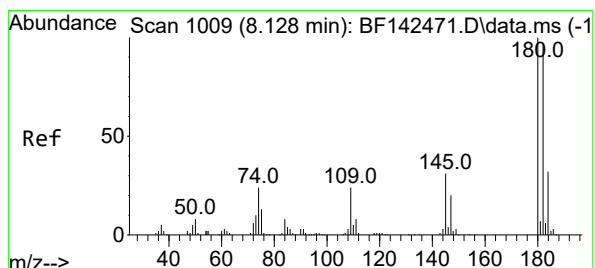
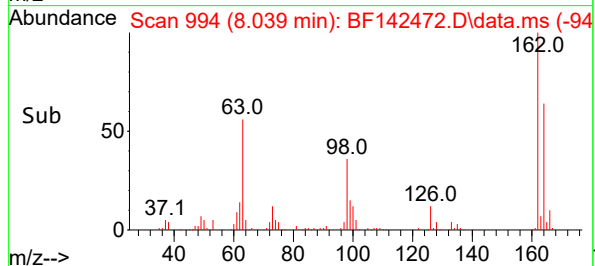
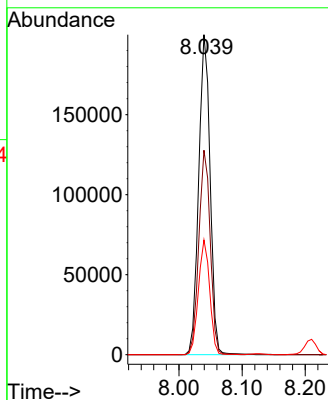
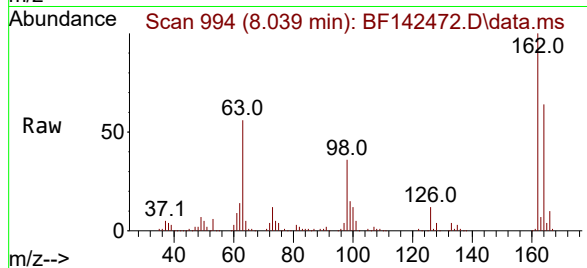
Tgt Ion:162 Resp: 252244

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

98 35.9 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 51.934 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

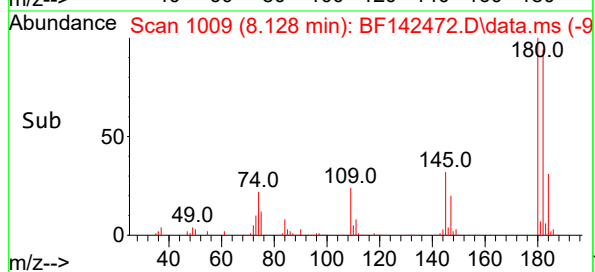
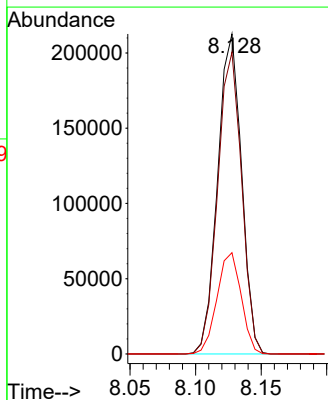
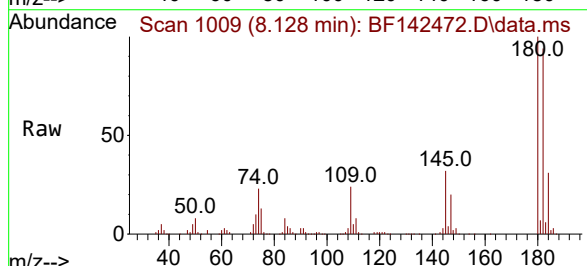
Tgt Ion:180 Resp: 269064

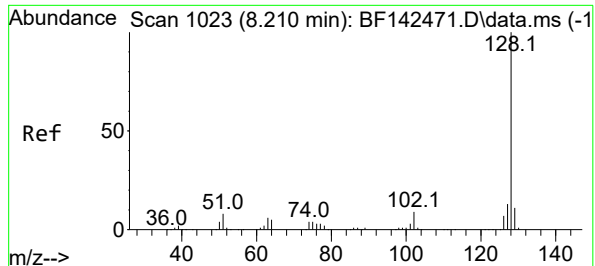
Ion Ratio Lower Upper

180 100

182 94.3 78.0 117.0

145 31.7 25.0 37.6





#31

Naphthalene

Concen: 51.109 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

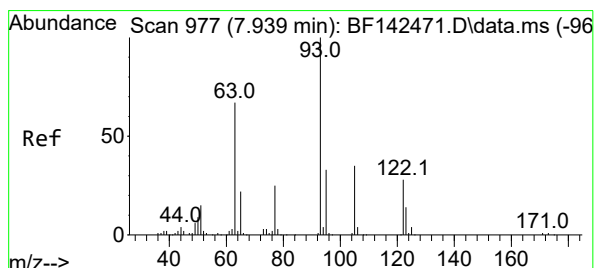
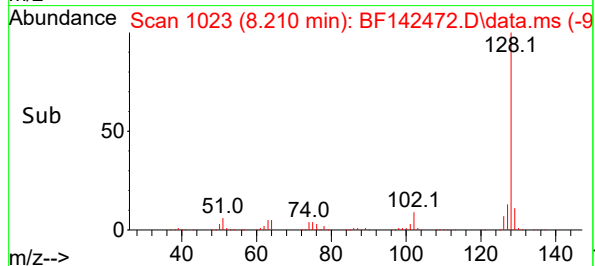
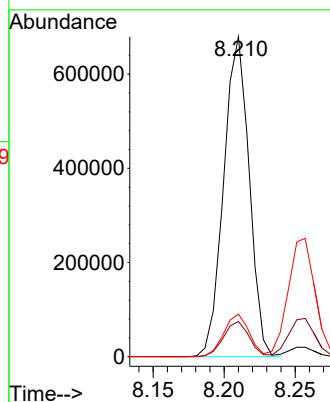
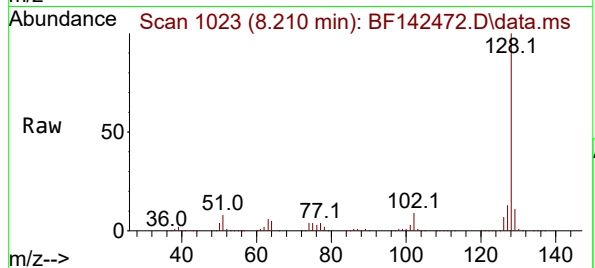
Tgt Ion:128 Resp: 847571

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 55.512 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.024 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

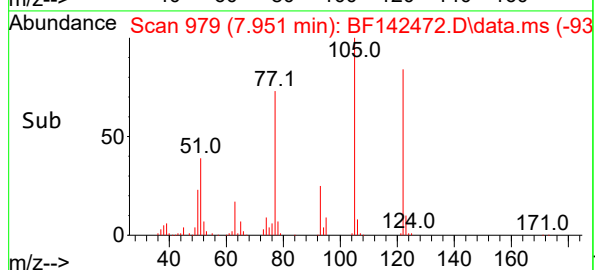
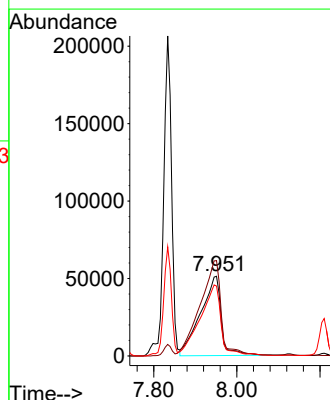
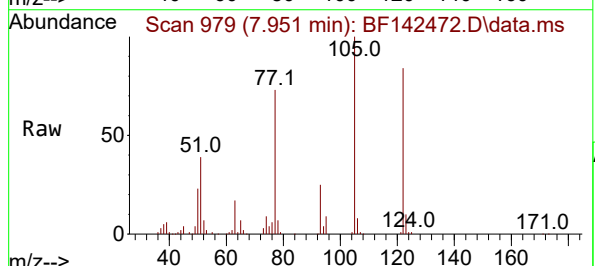
Tgt Ion:122 Resp: 177379

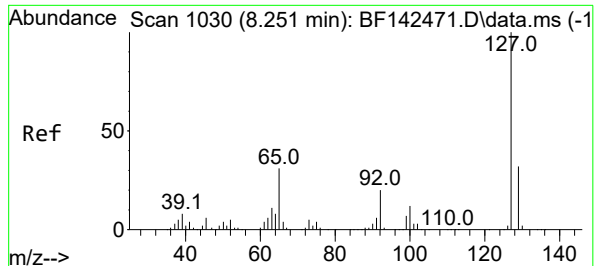
Ion Ratio Lower Upper

122 100

105 119.5 101.7 141.7

77 87.7 69.5 109.5





#33

4-Chloroaniline

Concen: 52.037 ng

RT: 8.257 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 349678

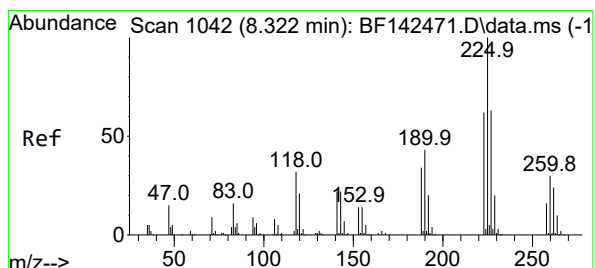
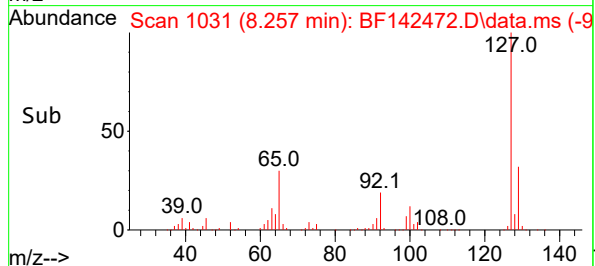
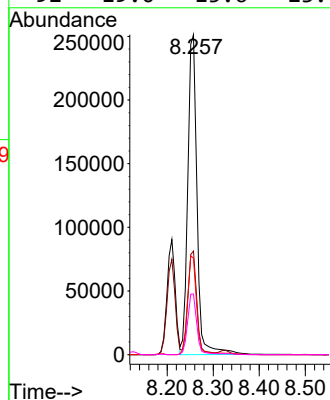
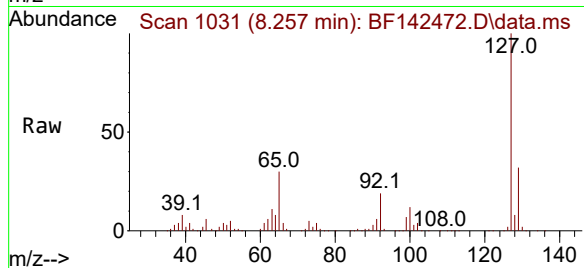
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 30.2 24.9 37.3

92 19.0 15.6 23.4



#34

Hexachlorobutadiene

Concen: 51.428 ng

RT: 8.328 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

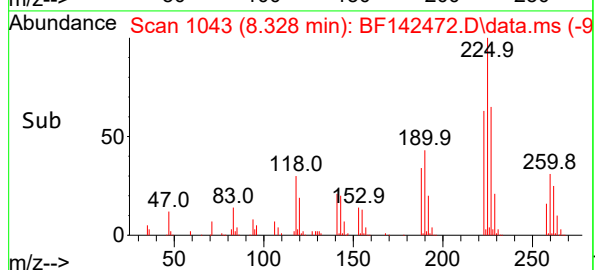
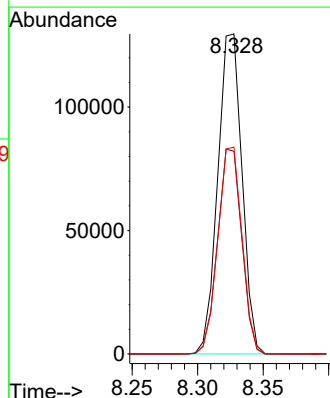
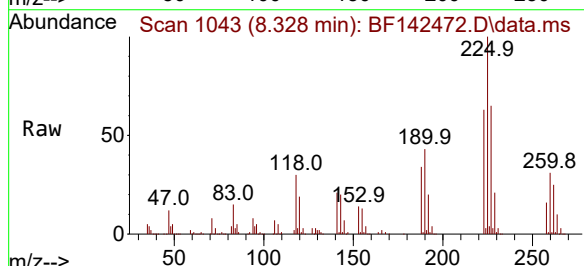
Tgt Ion:225 Resp: 166363

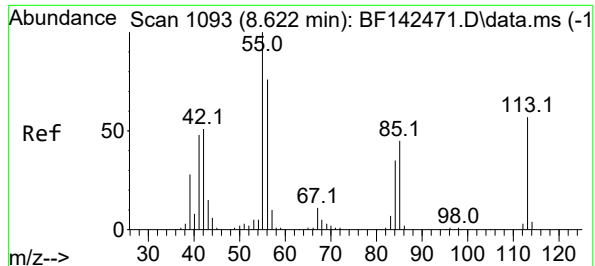
Ion Ratio Lower Upper

225 100

223 63.3 49.7 74.5

227 64.6 50.3 75.5





#35

Caprolactam

Concen: 53.297 ng

RT: 8.628 min Scan# 1093

Delta R.T. -0.018 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

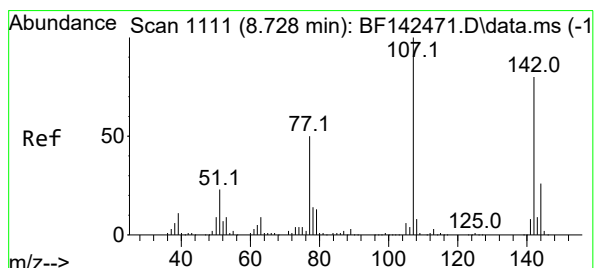
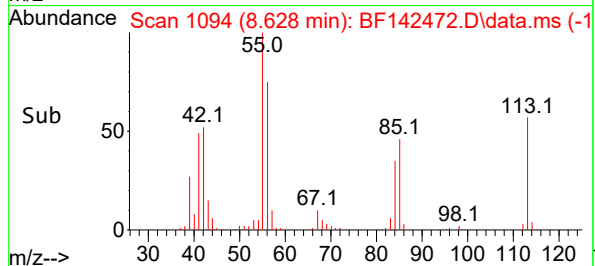
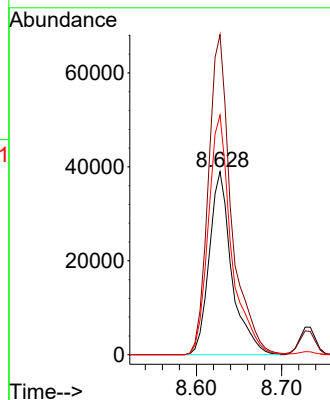
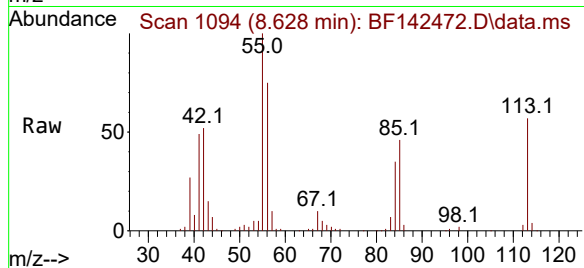
Tgt Ion:113 Resp: 71458

Ion Ratio Lower Upper

113 100

55 174.8 154.7 194.7

56 130.8 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 51.862 ng

RT: 8.733 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

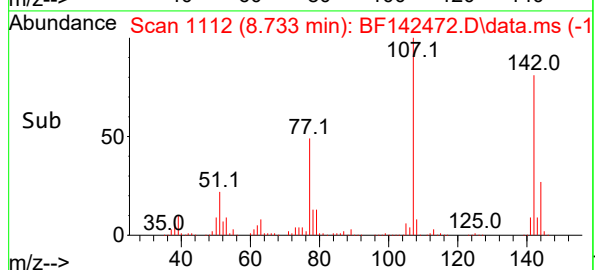
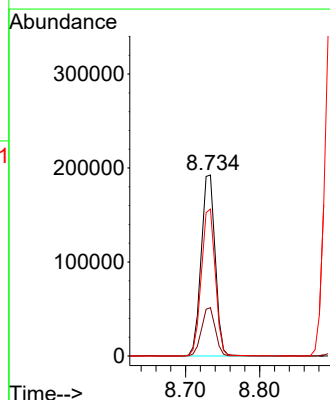
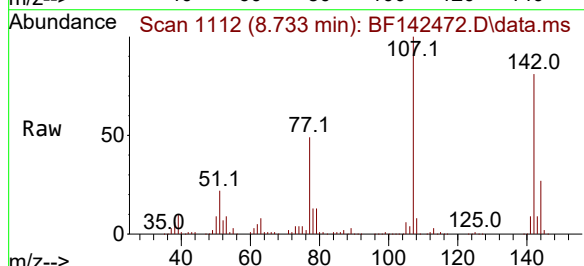
Tgt Ion:107 Resp: 253726

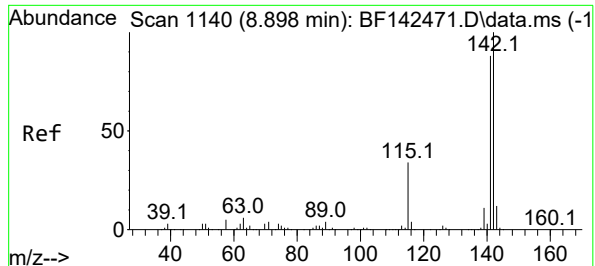
Ion Ratio Lower Upper

107 100

144 26.7 20.9 31.3

142 81.2 64.2 96.2

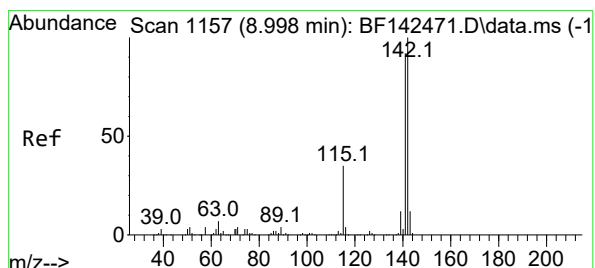
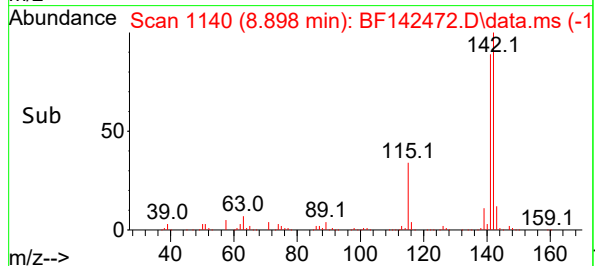
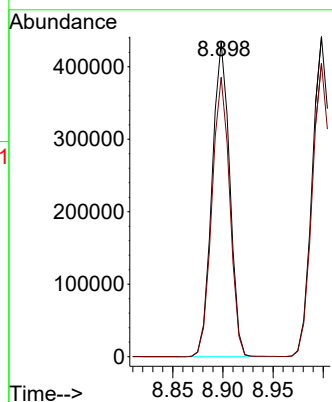
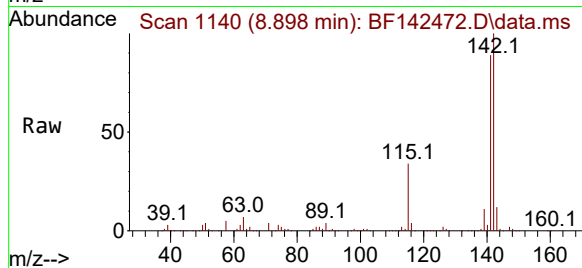




#37
2-Methylnaphthalene
Concen: 50.907 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

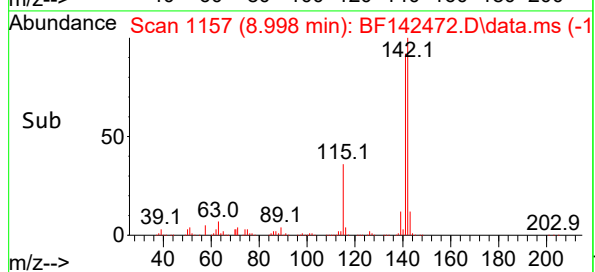
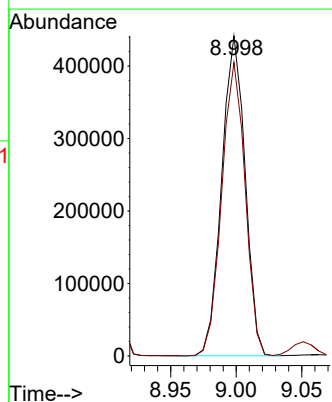
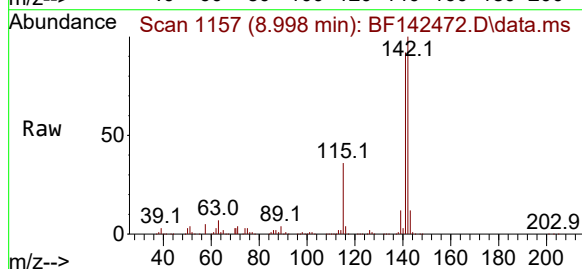
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

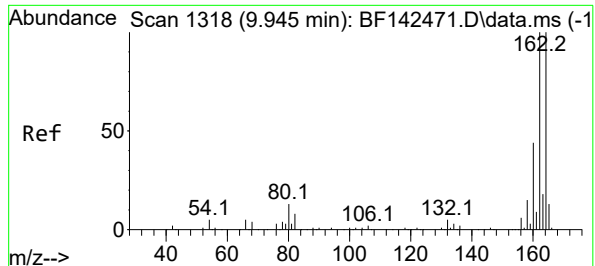
Tgt Ion:142 Resp: 531122
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1



#38
1-Methylnaphthalene
Concen: 50.711 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:142 Resp: 547258
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

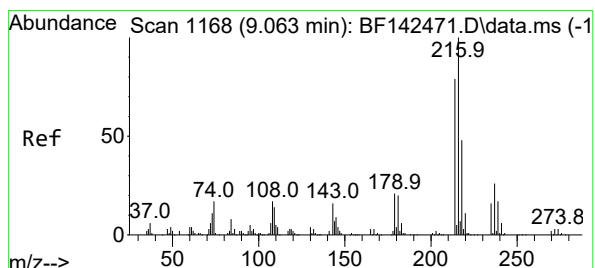
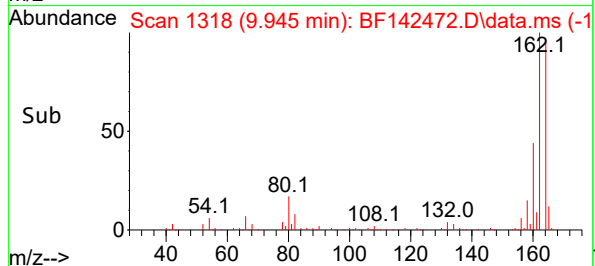
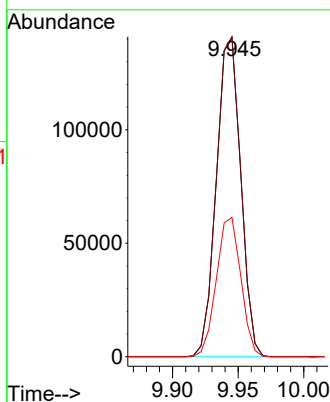
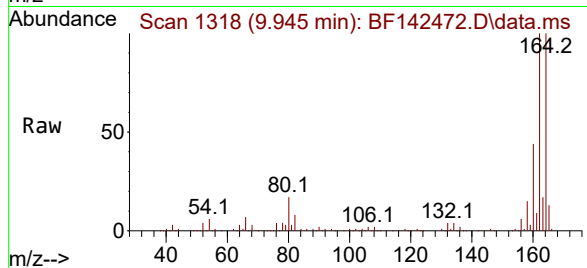
Tgt Ion:164 Resp: 181409

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.4

160 43.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.543 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Tgt Ion:216 Resp: 268407

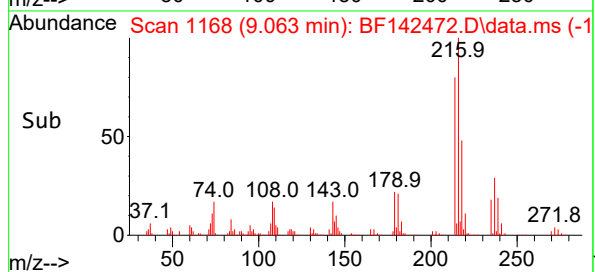
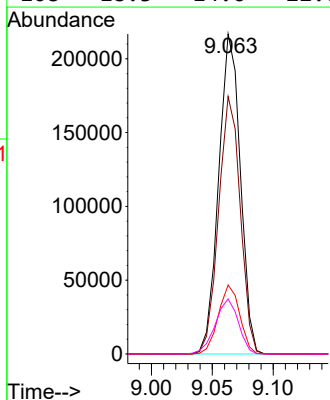
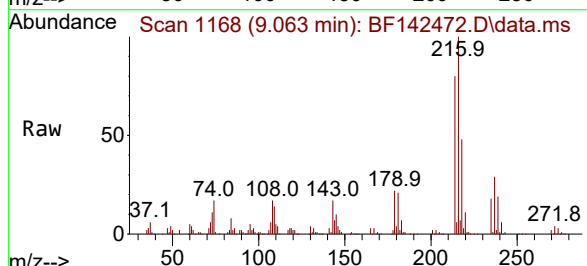
Ion Ratio Lower Upper

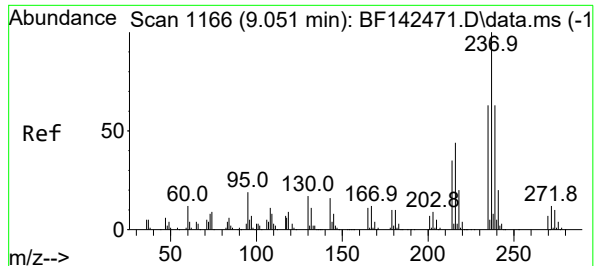
216 100

214 80.3 62.9 94.3

179 21.3 16.9 25.3

108 18.3 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 55.532 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

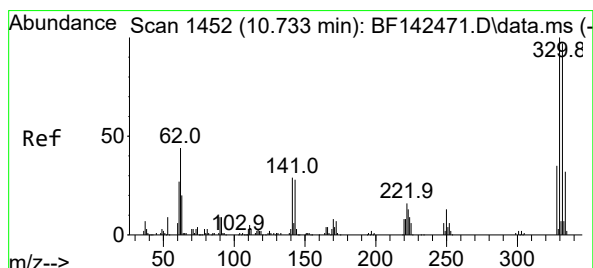
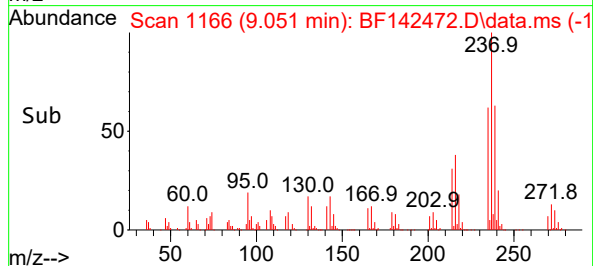
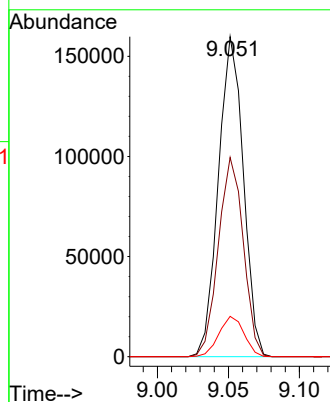
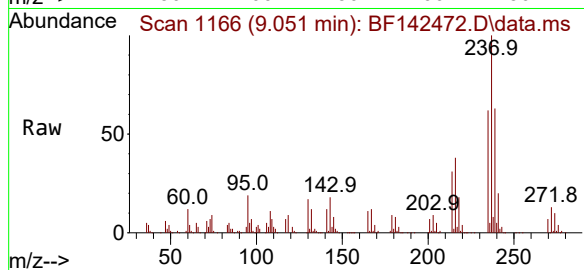
Tgt Ion:237 Resp: 195080

Ion Ratio Lower Upper

237 100

235 62.3 43.3 83.3

272 12.6 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 104.956 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

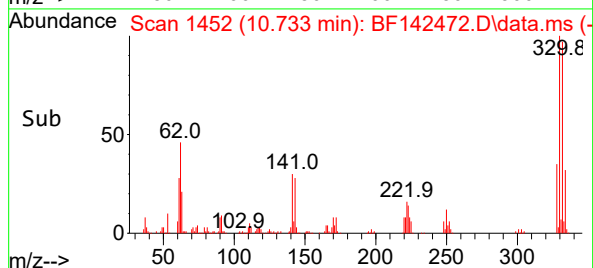
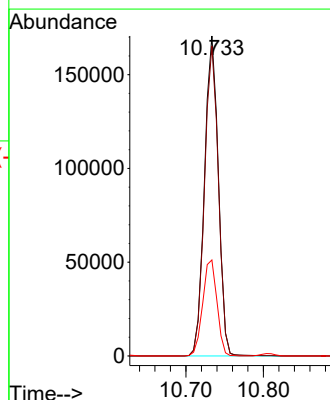
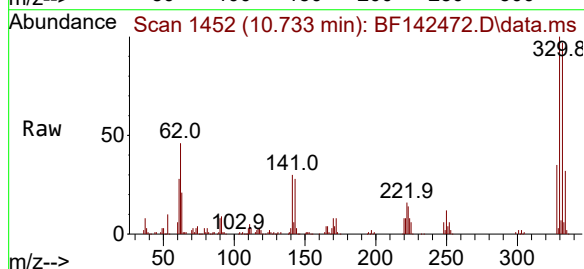
Tgt Ion:330 Resp: 211319

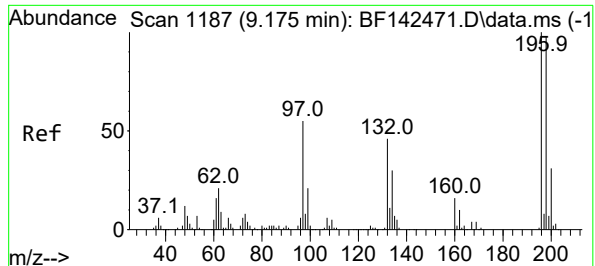
Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 30.9 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 52.421 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

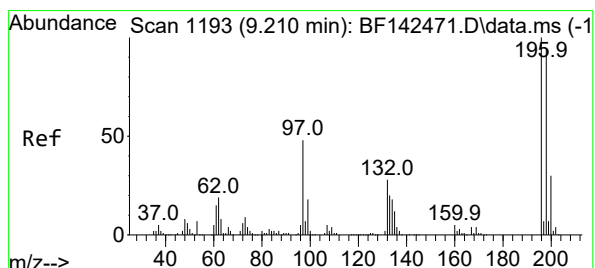
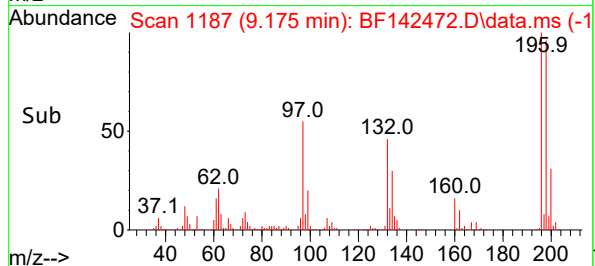
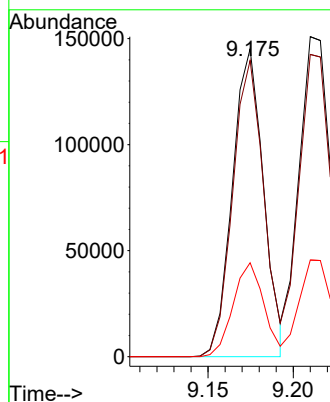
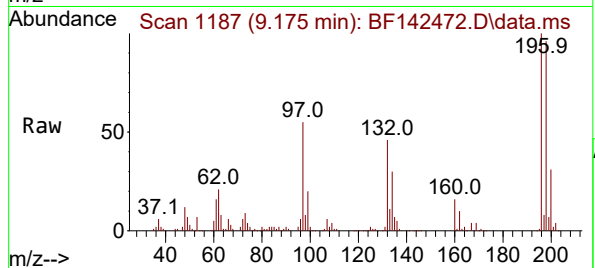
Tgt Ion:196 Resp: 184076

Ion Ratio Lower Upper

196 100

198 96.3 78.8 118.2

200 30.5 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 53.537 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Tgt Ion:196 Resp: 198266

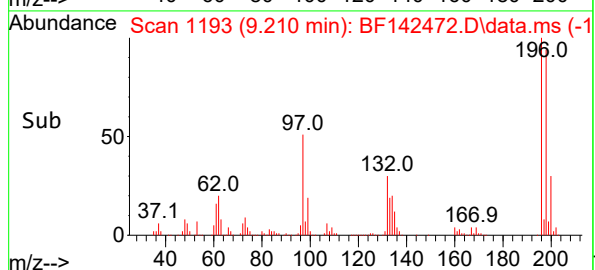
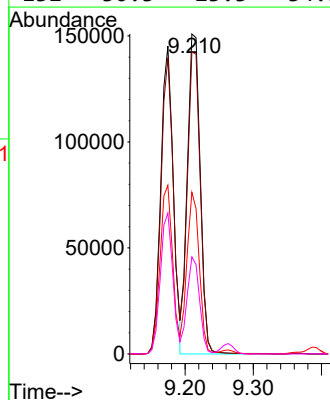
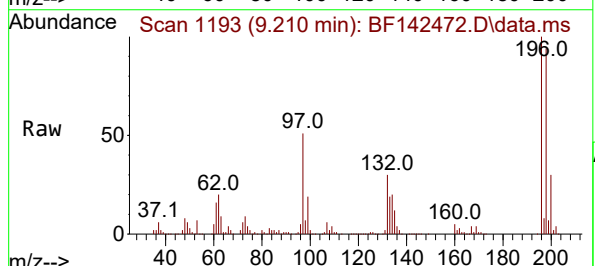
Ion Ratio Lower Upper

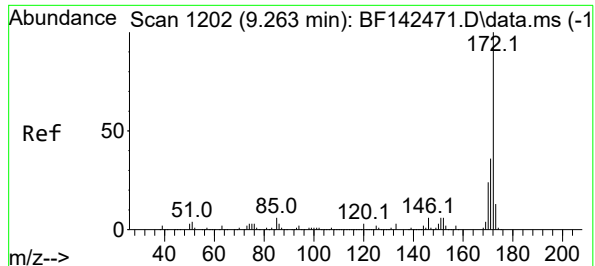
196 100

198 94.4 75.5 113.3

97 50.5 39.3 58.9

132 30.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 99.269 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

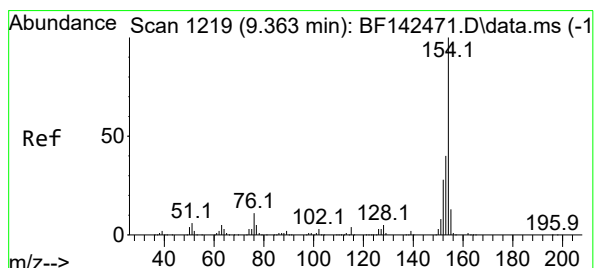
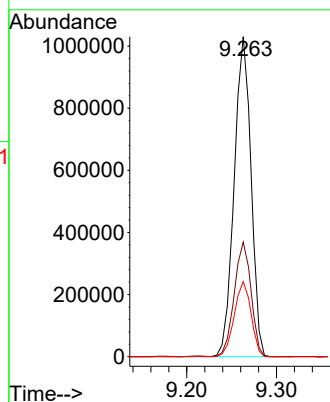
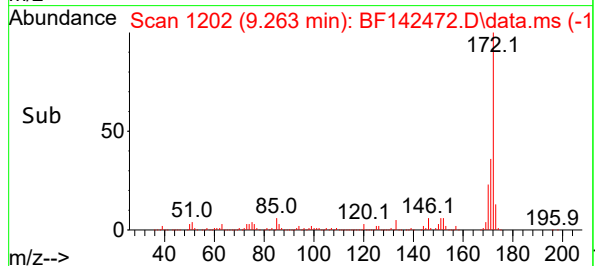
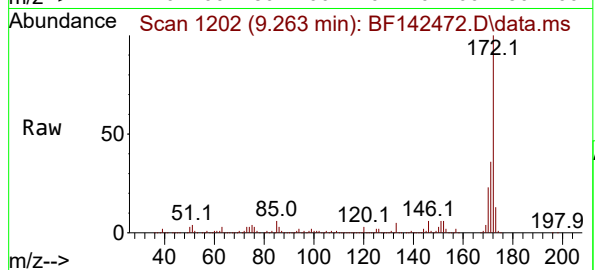
Tgt Ion:172 Resp: 1342037

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 51.405 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

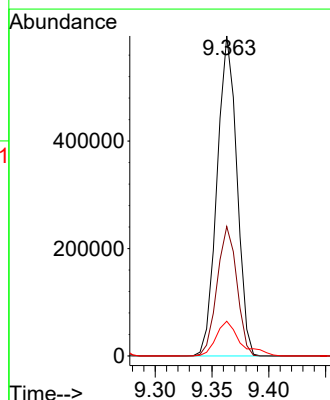
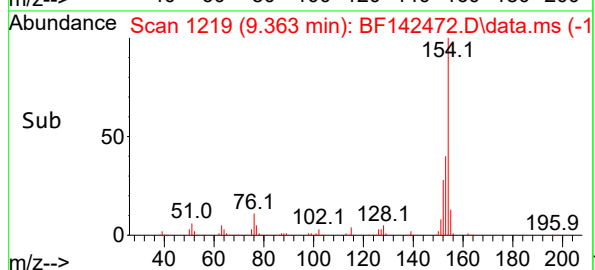
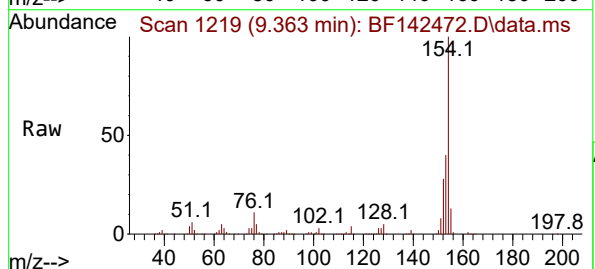
Tgt Ion:154 Resp: 723473

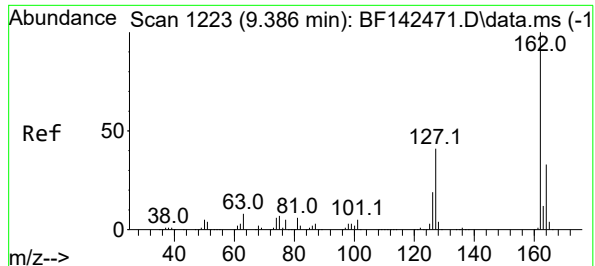
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 10.8 0.0 30.8





#47

2-Chloronaphthalene

Concen: 51.583 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142472.D

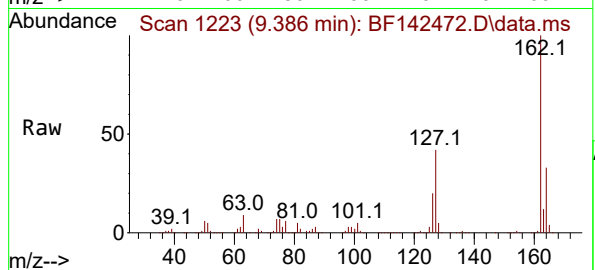
Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



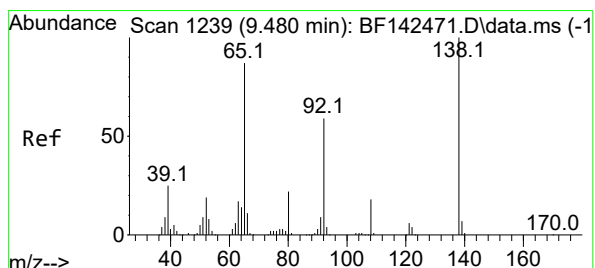
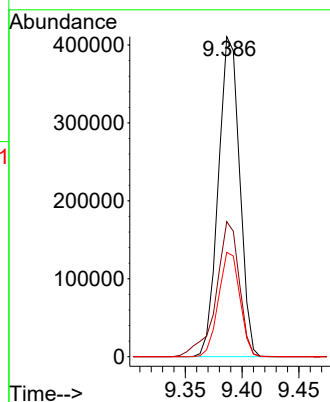
Tgt Ion:162 Resp: 536379

Ion Ratio Lower Upper

162 100

127 42.2 33.5 50.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 53.410 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.005 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

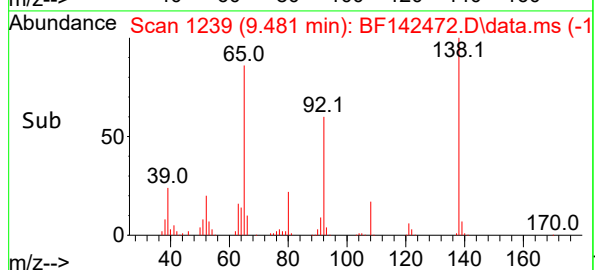
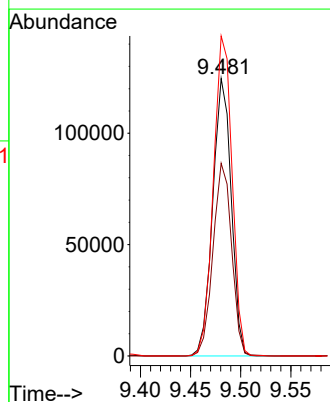
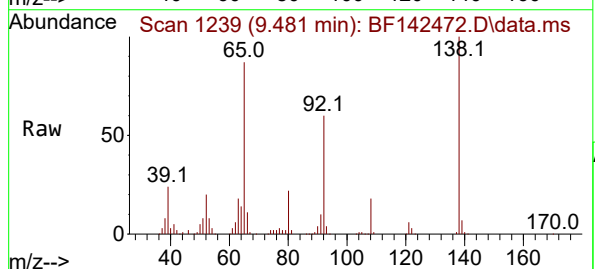
Tgt Ion: 65 Resp: 160529

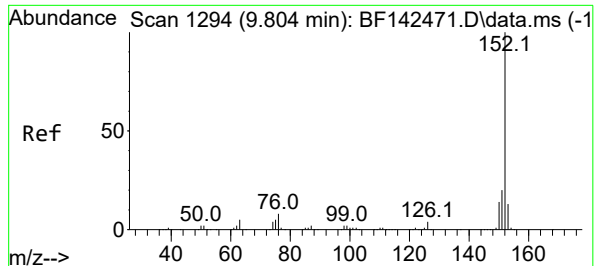
Ion Ratio Lower Upper

65 100

92 69.4 54.4 81.6

138 115.3 91.4 137.2





#49

Acenaphthylene

Concen: 51.602 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

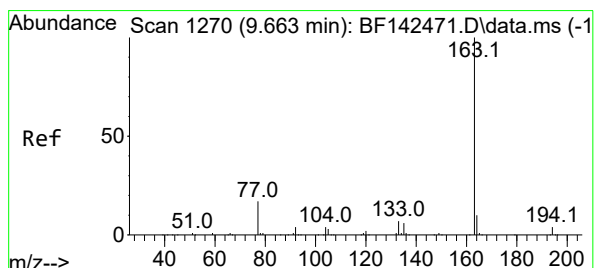
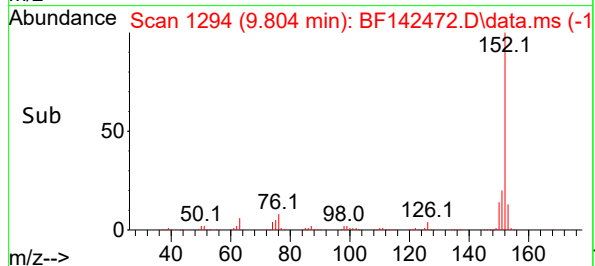
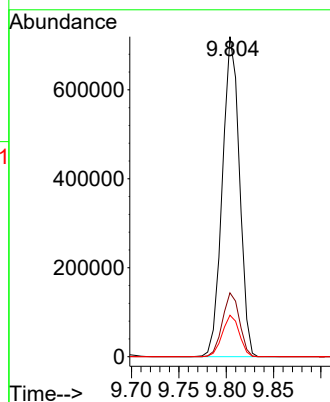
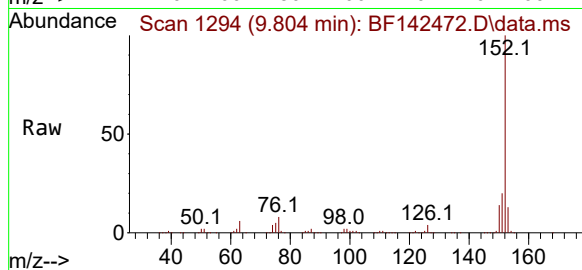
Tgt Ion:152 Resp: 906063

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 51.764 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

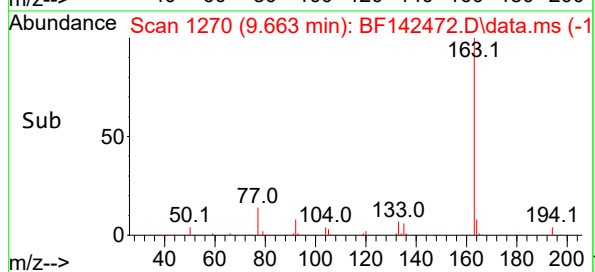
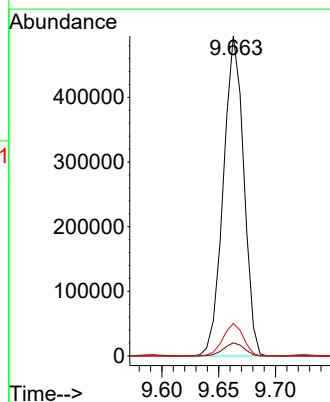
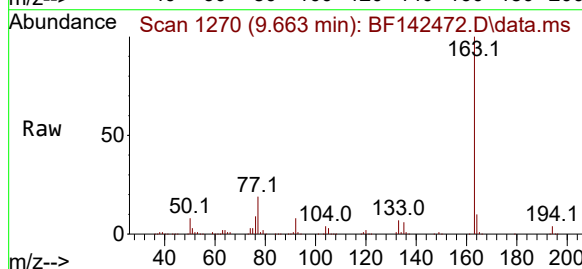
Tgt Ion:163 Resp: 619616

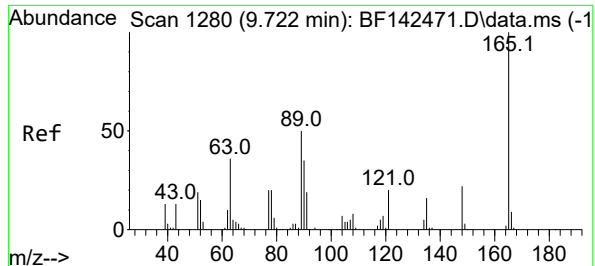
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.2 12.4

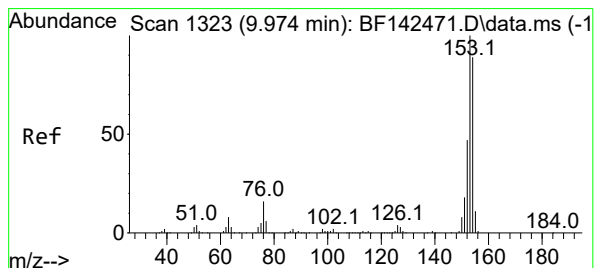
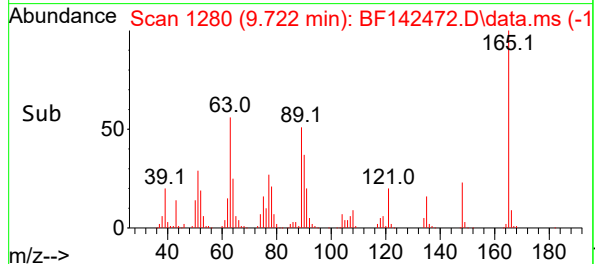
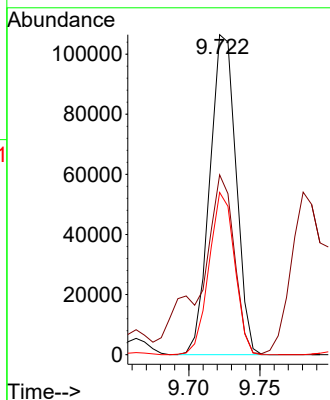
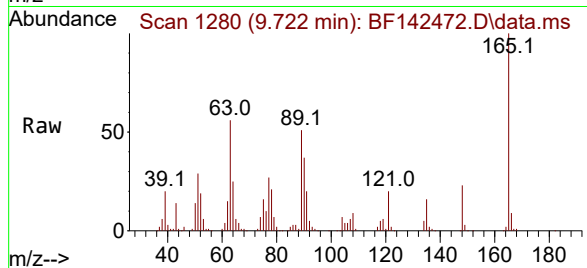




#51
2,6-Dinitrotoluene
Concen: 53.064 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

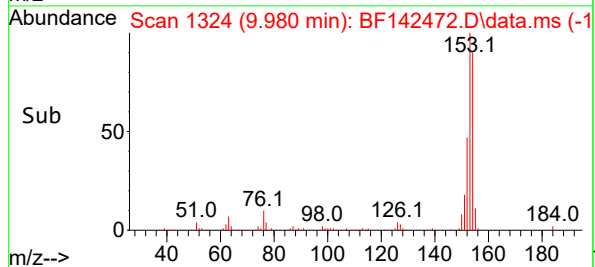
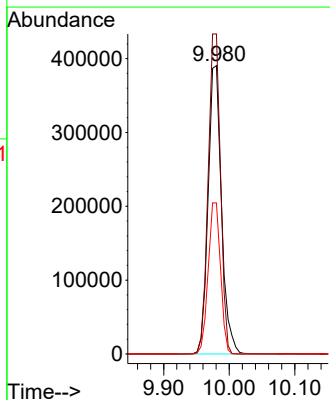
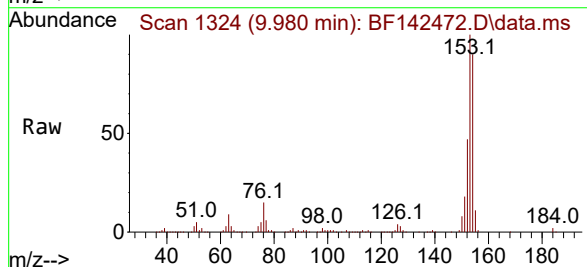
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

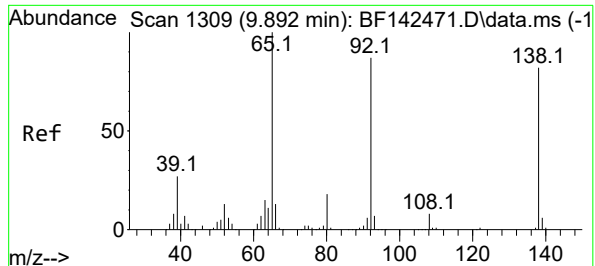
Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.2	42.9	64.3
89	50.7	40.2	60.4



#52
Acenaphthene
Concen: 51.742 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.0	135.0
152	52.4	42.6	64.0

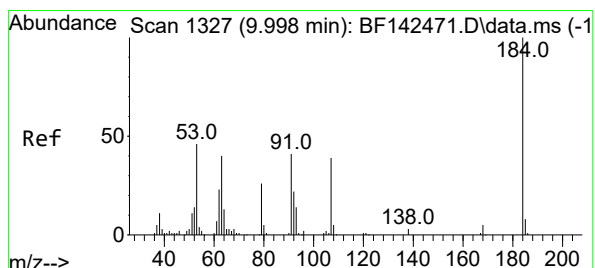
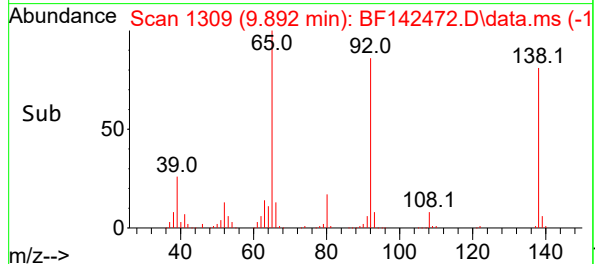
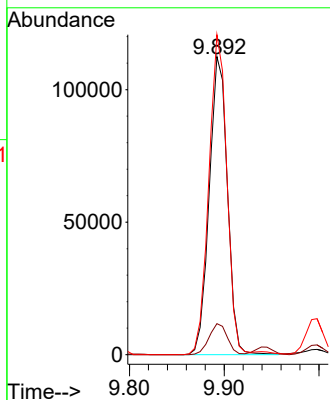
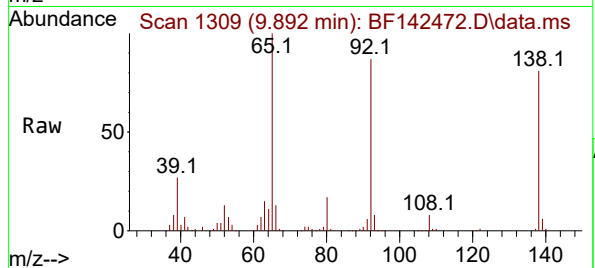




#53
3-Nitroaniline
Concen: 53.082 ng
RT: 9.892 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

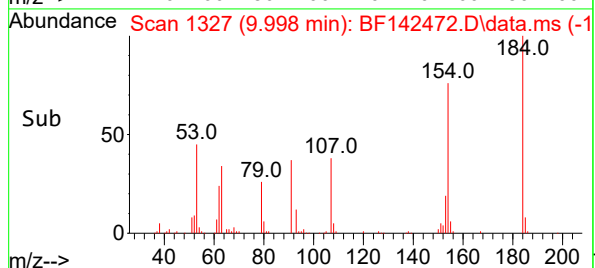
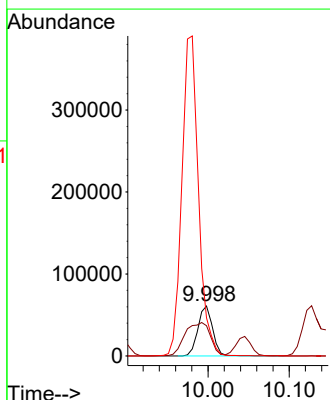
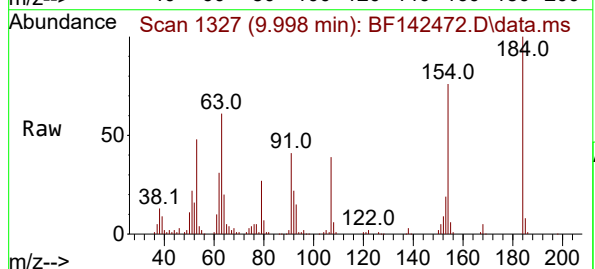
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

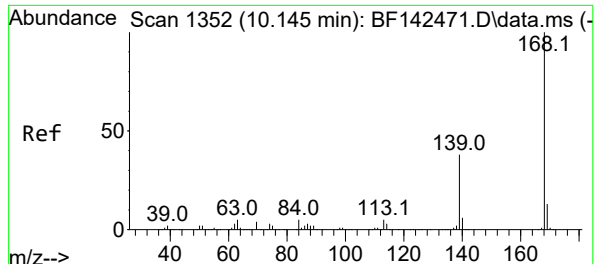
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	107.3	85.2	127.8



#54
2,4-Dinitrophenol
Concen: 57.487 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	46.3	69.5
154	76.3	56.8	85.2





#55

Dibenzenofuran

Concen: 51.038 ng

RT: 10.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

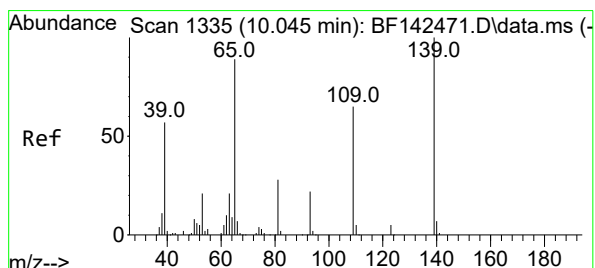
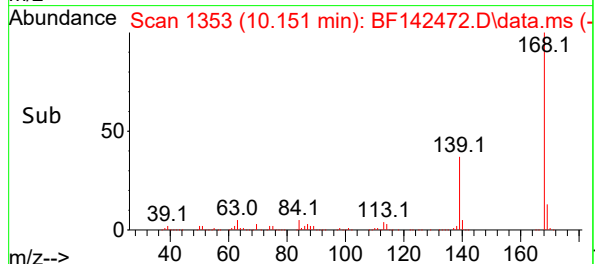
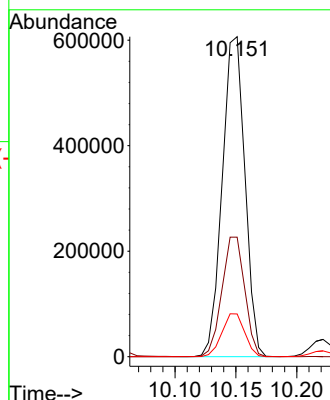
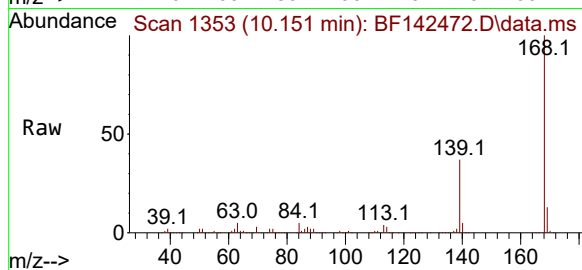
Tgt Ion:168 Resp: 787446

Ion Ratio Lower Upper

168 100

139 37.3 30.2 45.2

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 54.849 ng

RT: 10.045 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

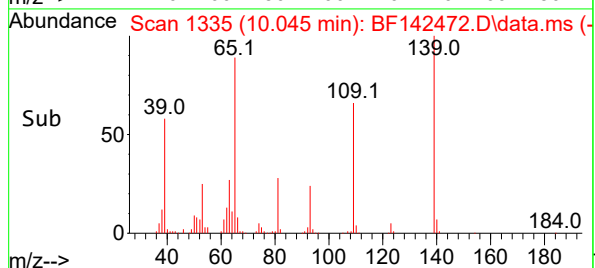
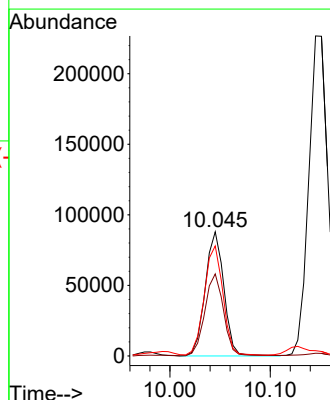
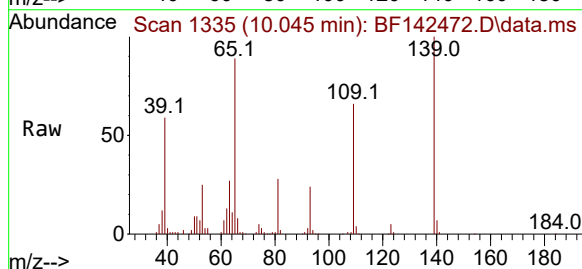
Tgt Ion:139 Resp: 114198

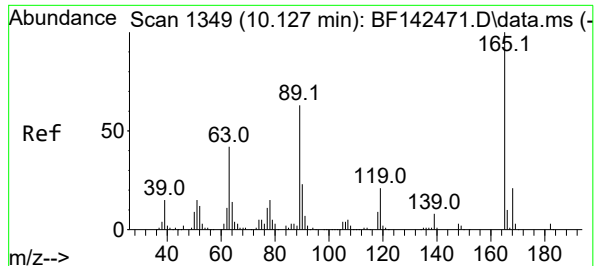
Ion Ratio Lower Upper

139 100

109 66.1 45.1 85.1

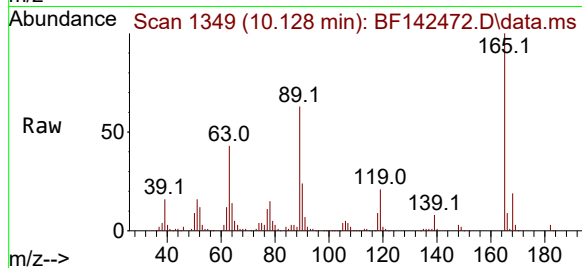
65 88.7 69.7 109.7



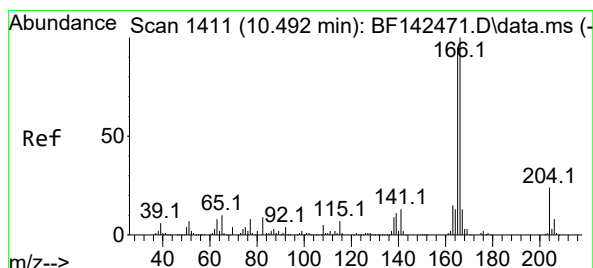
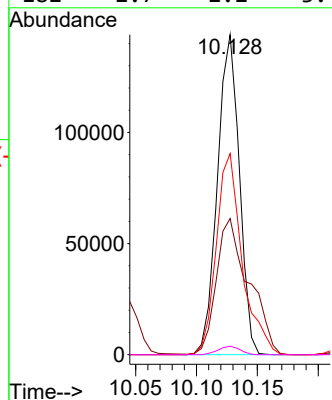
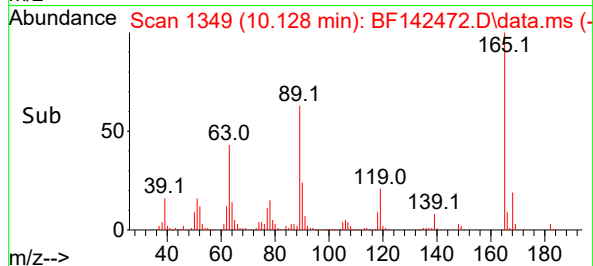


#57
2,4-Dinitrotoluene
Concen: 53.473 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

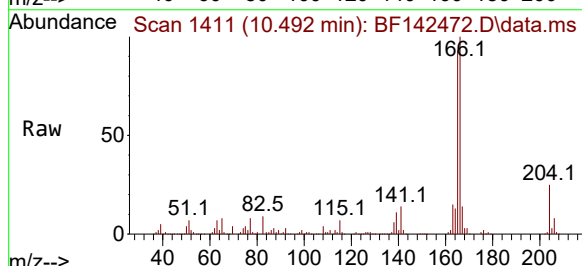
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



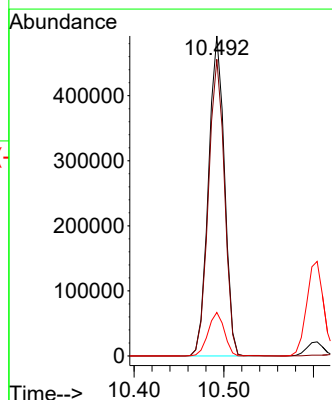
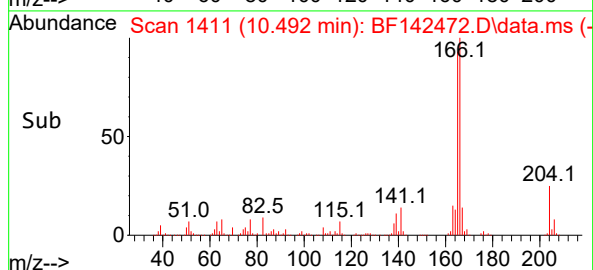
Tgt Ion:165 Resp: 180417
Ion Ratio Lower Upper
165 100
63 42.5 33.6 50.4
89 62.8 50.2 75.4
182 2.7 2.2 3.4

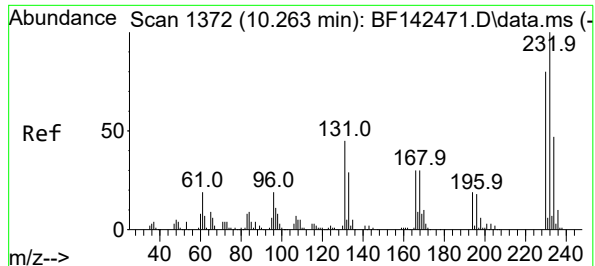


#58
Fluorene
Concen: 51.090 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34



Tgt Ion:166 Resp: 608966
Ion Ratio Lower Upper
166 100
165 92.7 75.8 113.8
167 13.6 10.6 16.0

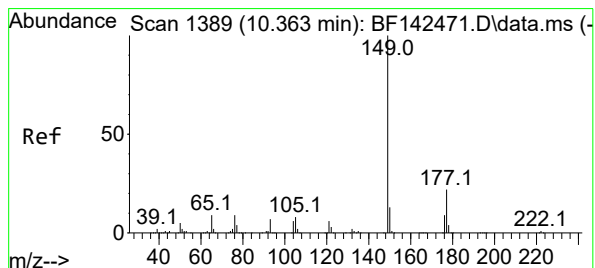
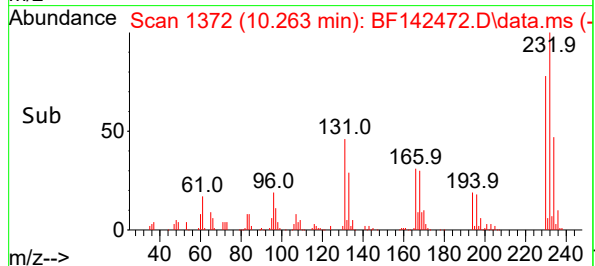
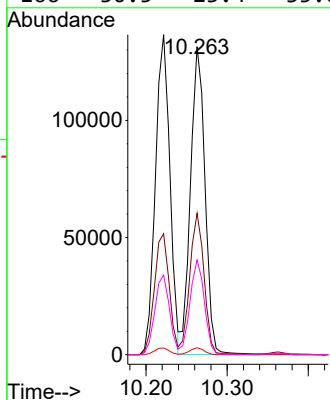
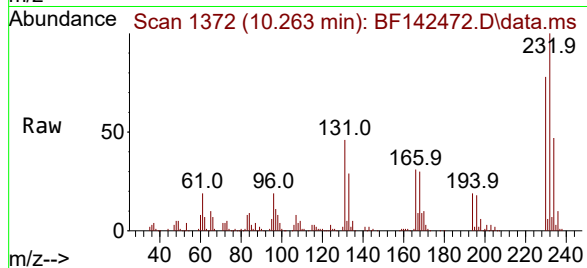




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.897 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

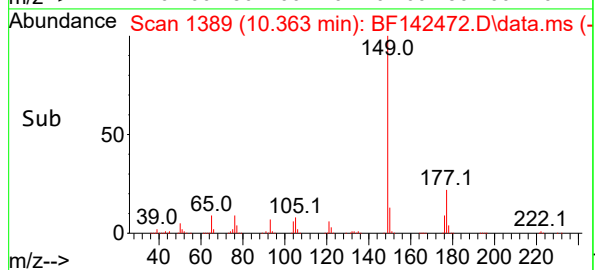
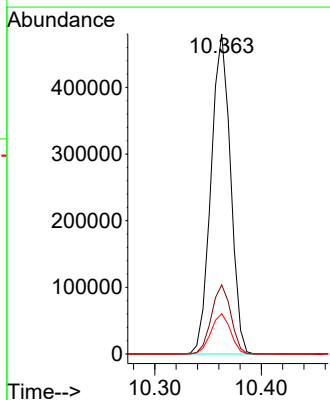
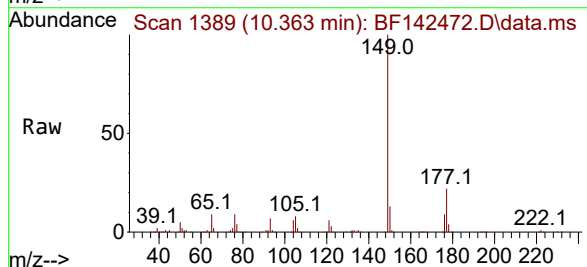
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

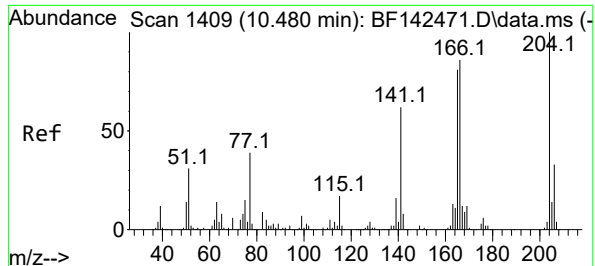
Tgt Ion:232 Resp: 163539
Ion Ratio Lower Upper
232 100
131 45.5 35.2 52.8
130 2.2 1.7 2.5
166 30.5 23.4 35.0



#60
Diethylphthalate
Concen: 52.089 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:149 Resp: 608941
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.5 10.1 15.1

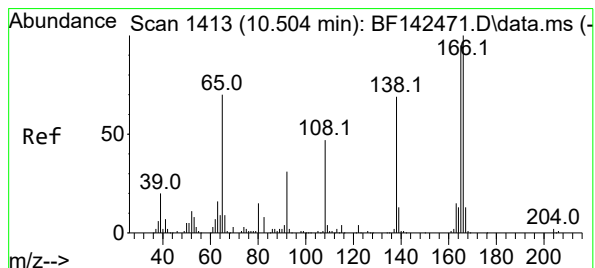
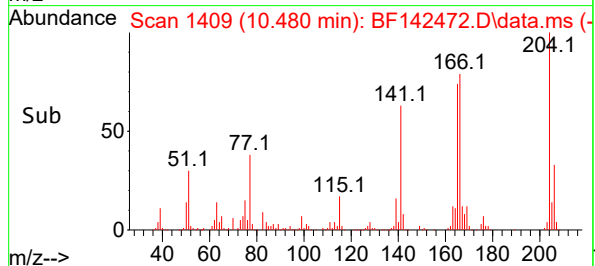
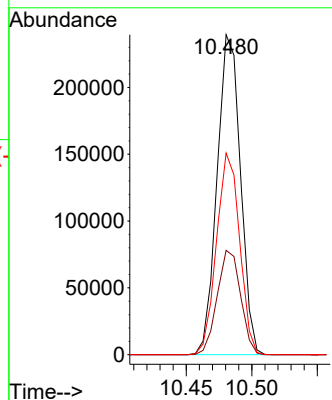
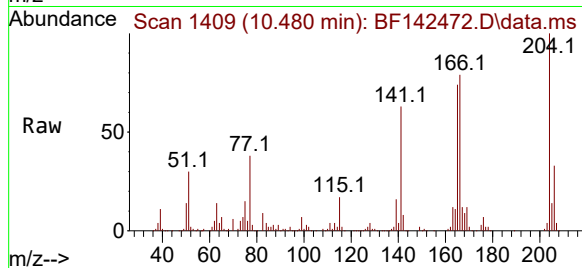




#61
4-Chlorophenyl-phenylether
Concen: 50.597 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

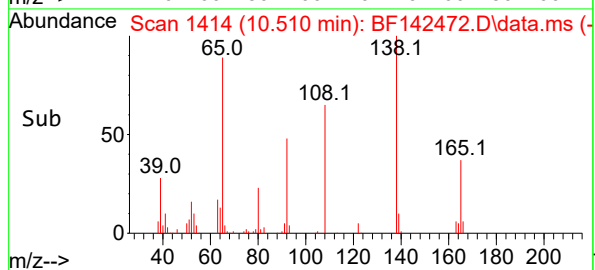
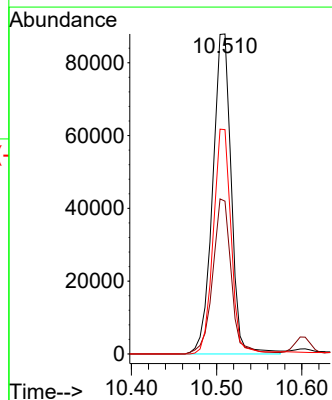
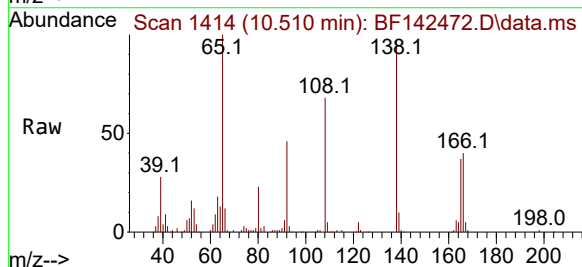
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

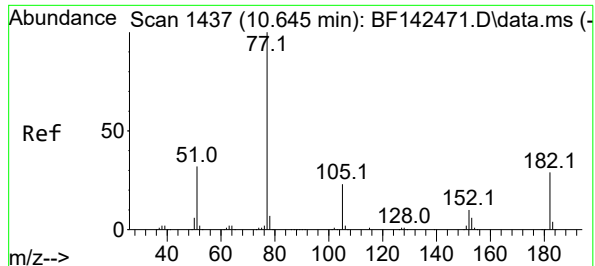
Tgt Ion:204 Resp: 296264
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 63.0 49.5 74.3



#62
4-Nitroaniline
Concen: 52.024 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:138 Resp: 133141
Ion Ratio Lower Upper
138 100
92 47.7 26.0 66.0
108 70.1 48.4 88.4

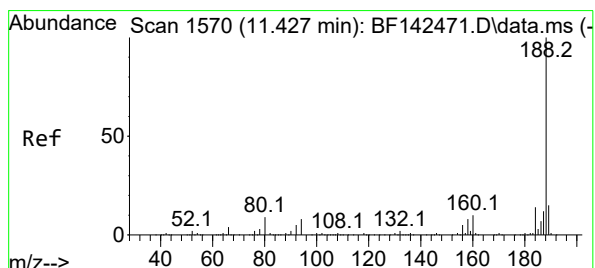
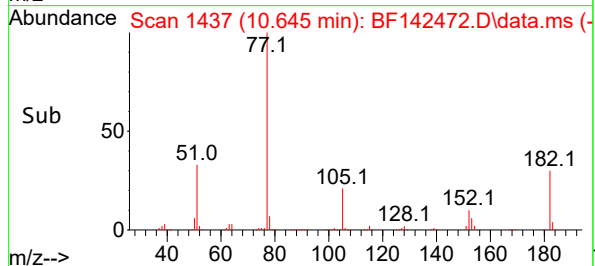
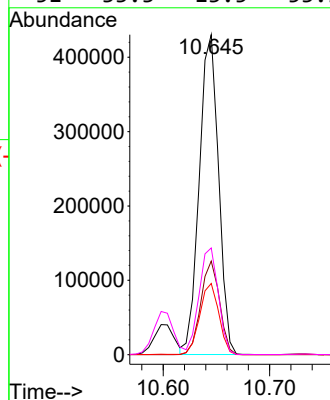
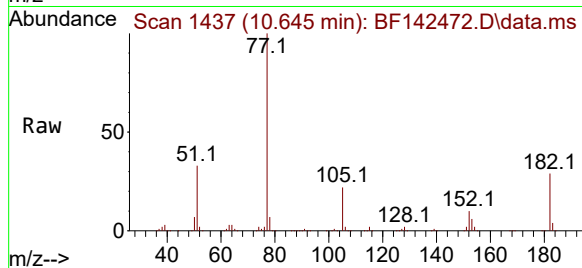




#63
Azobenzene
Concen: 51.703 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

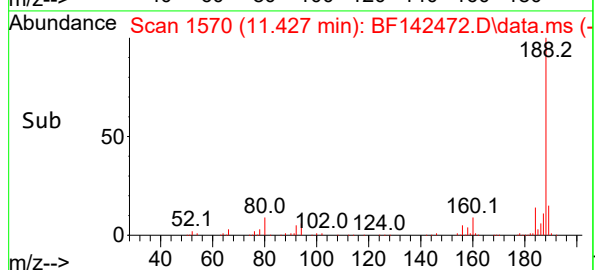
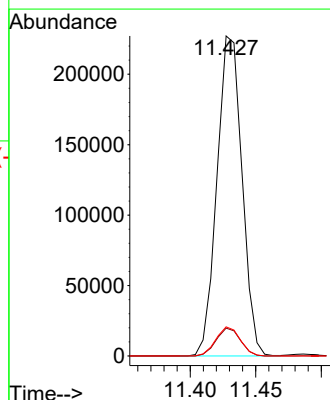
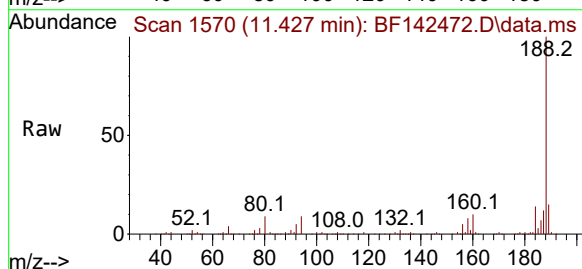
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

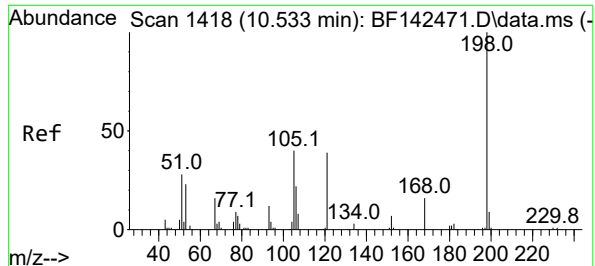
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.3	9.0	49.0
105	22.3	2.4	42.4
51	33.3	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	7.4	11.0

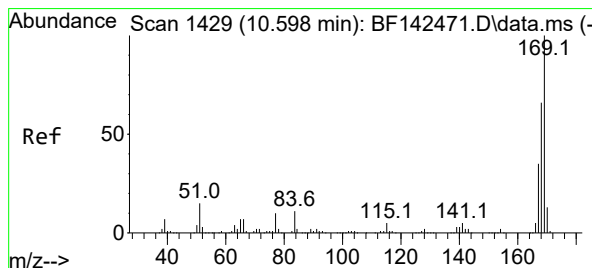
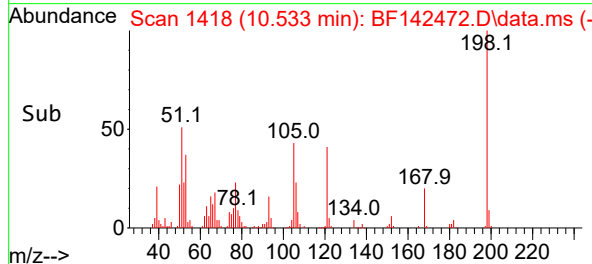
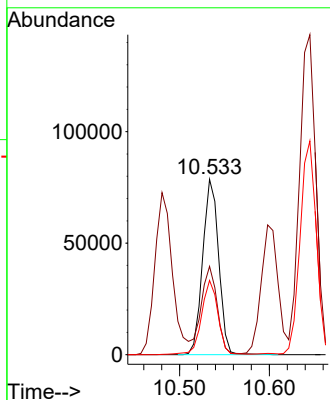
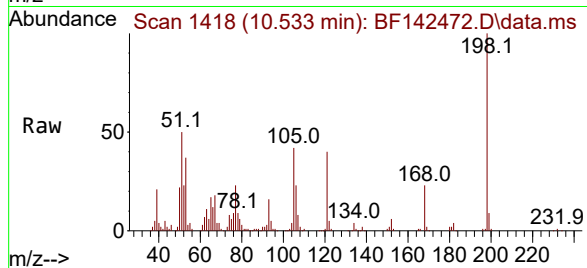




#65
4,6-Dinitro-2-methylphenol
Concen: 57.734 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

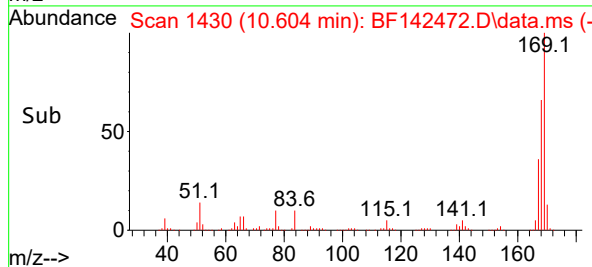
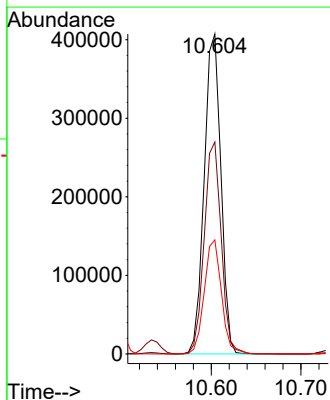
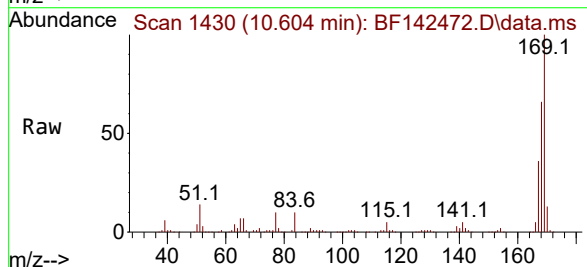
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

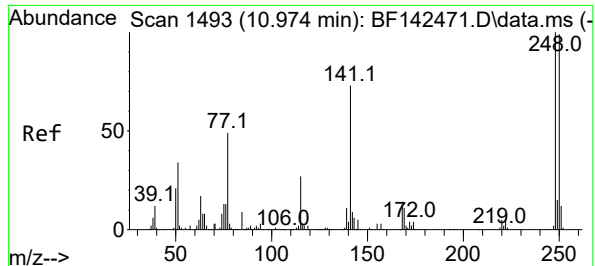
Tgt Ion:198 Resp: 97203
Ion Ratio Lower Upper
198 100
51 50.4 28.3 68.3
105 42.4 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 50.960 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:169 Resp: 525974
Ion Ratio Lower Upper
169 100
168 66.3 52.7 79.1
167 35.7 28.3 42.5

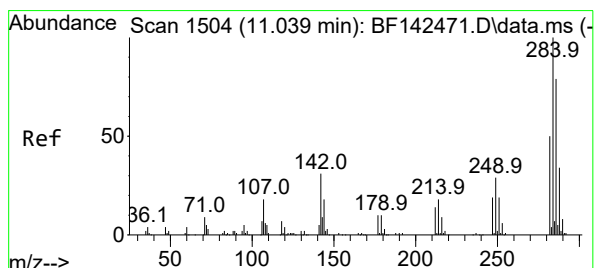
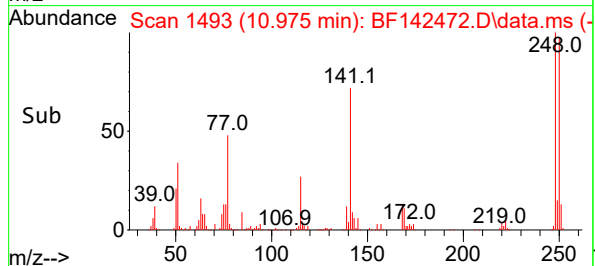
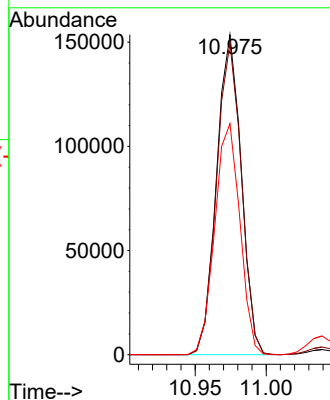
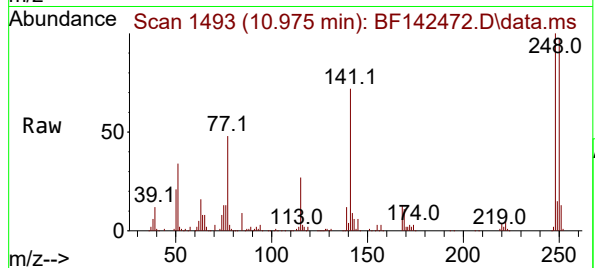




#67
4-Bromophenyl-phenylether
Concen: 52.061 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

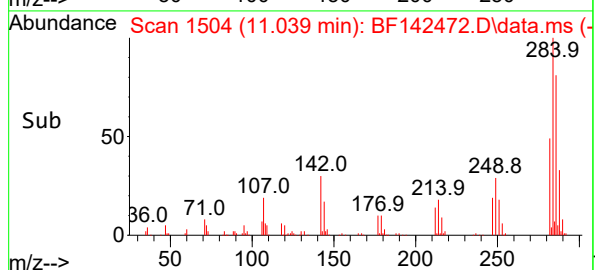
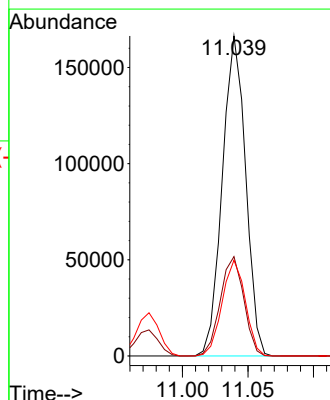
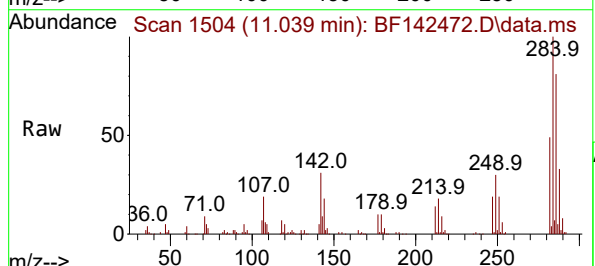
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

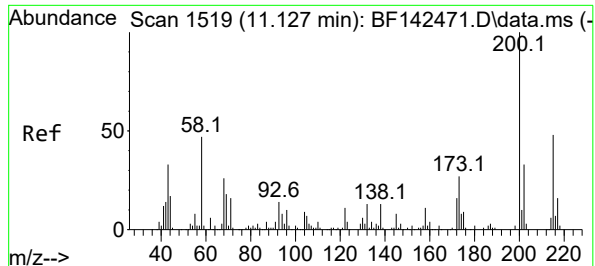
Tgt Ion:248 Resp: 185711
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.4
141 72.2 58.4 87.6



#68
Hexachlorobenzene
Concen: 52.151 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:284 Resp: 205759
Ion Ratio Lower Upper
284 100
142 31.1 24.8 37.2
249 29.9 23.6 35.4





#69

Atrazine

Concen: 53.966 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

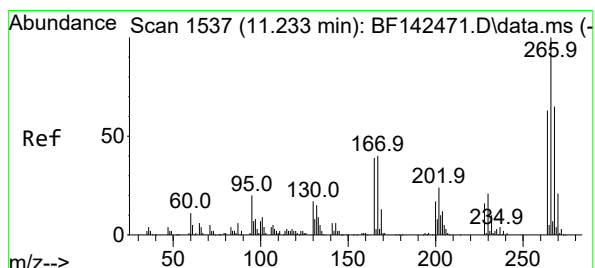
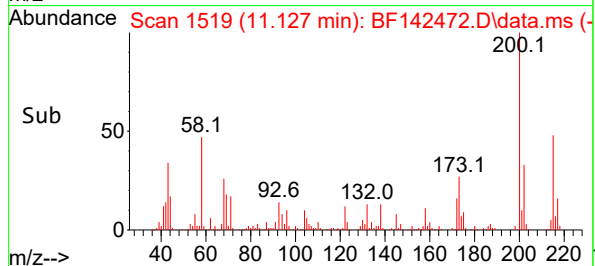
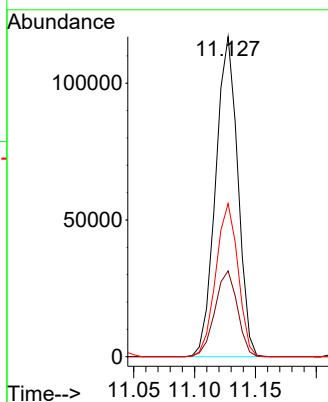
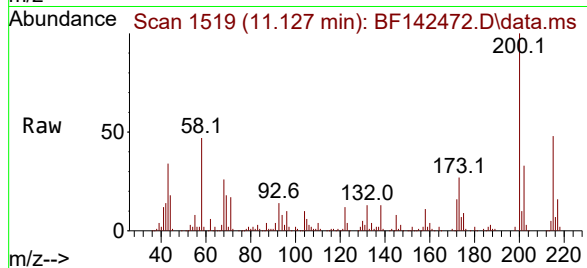
Tgt Ion:200 Resp: 147922

Ion Ratio Lower Upper

200 100

173 26.8 7.4 47.4

215 47.9 28.5 68.5



#70

Pentachlorophenol

Concen: 54.852 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

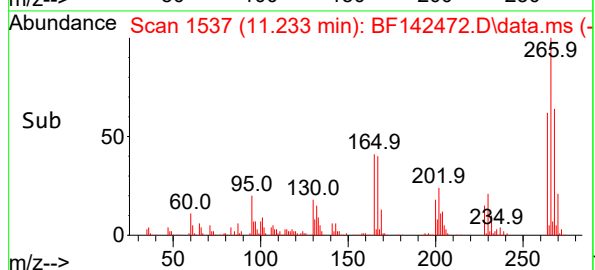
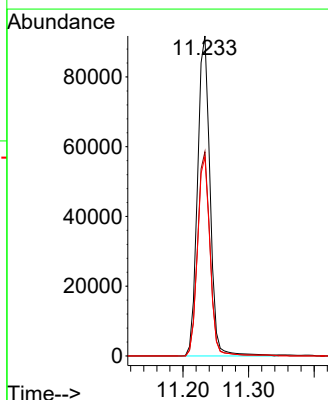
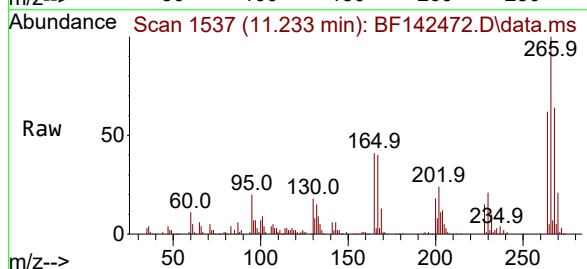
Tgt Ion:266 Resp: 122184

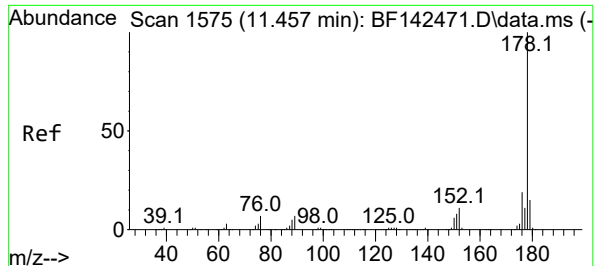
Ion Ratio Lower Upper

266 100

268 63.8 51.7 77.5

264 62.2 50.4 75.6

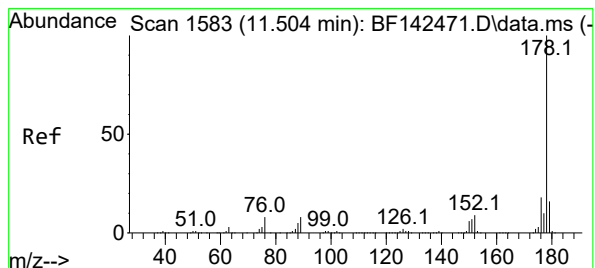
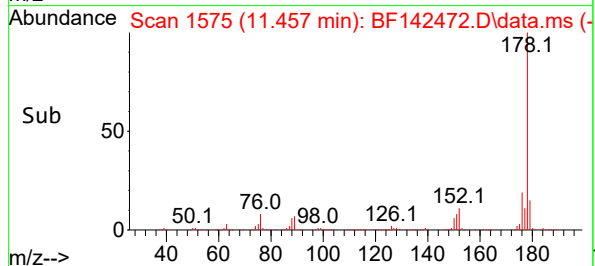
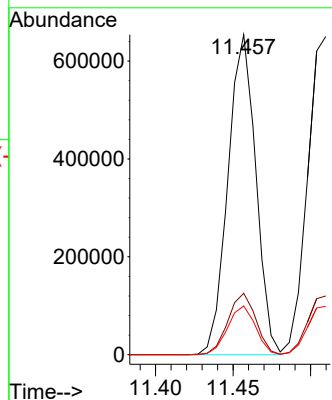
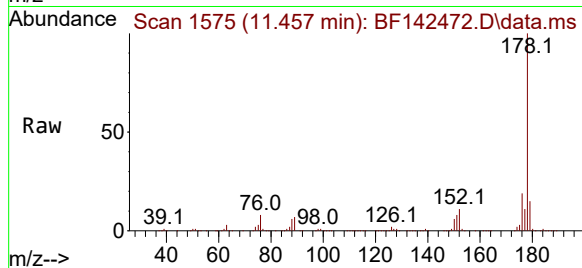




#71
Phenanthrene
Concen: 50.739 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

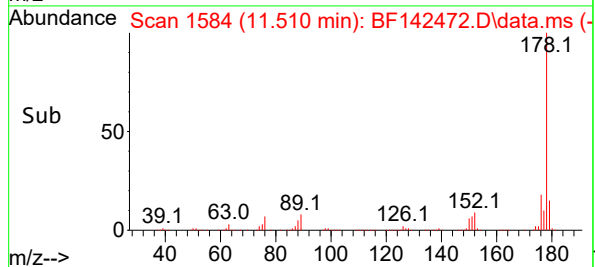
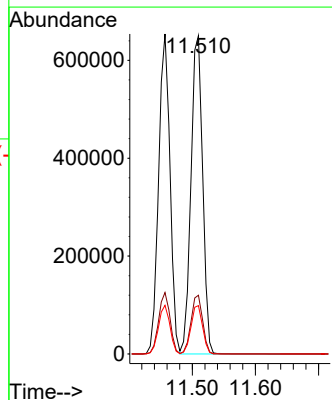
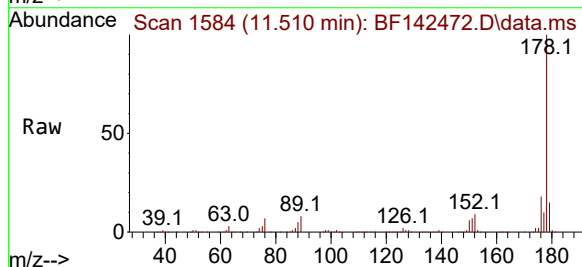
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

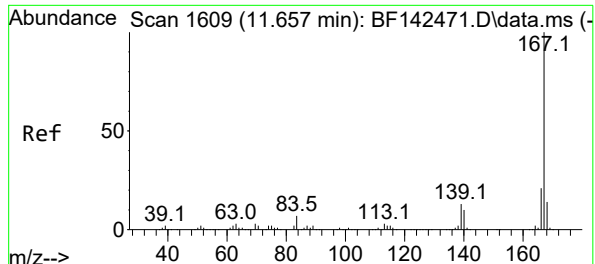
Tgt Ion:178 Resp: 818043
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.3 18.5



#72
Anthracene
Concen: 50.882 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

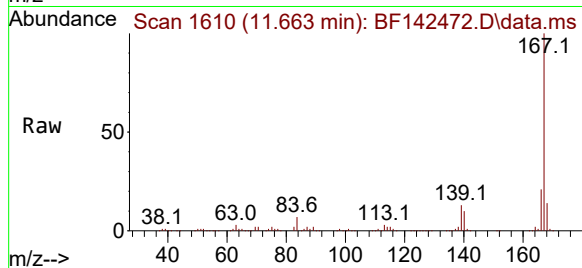
Tgt Ion:178 Resp: 837242
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.2 12.4 18.6



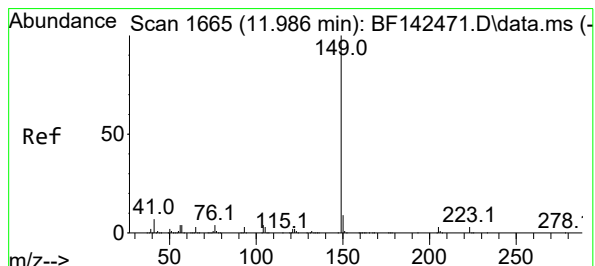
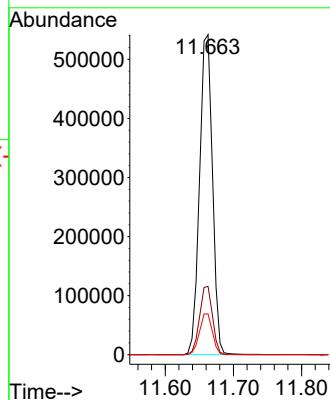
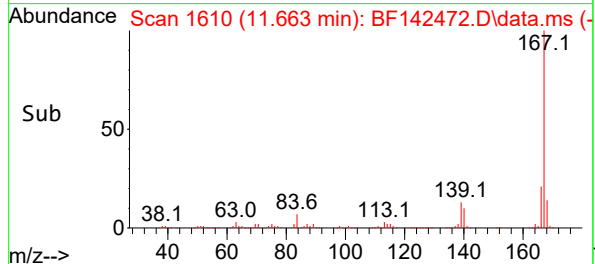


#73
Carbazole
Concen: 50.927 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

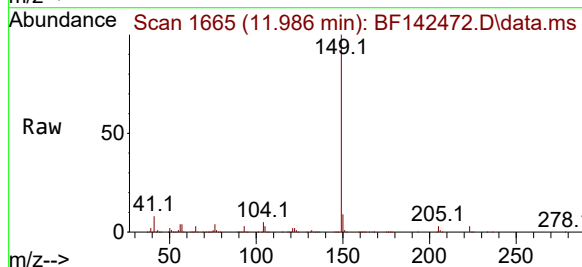
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



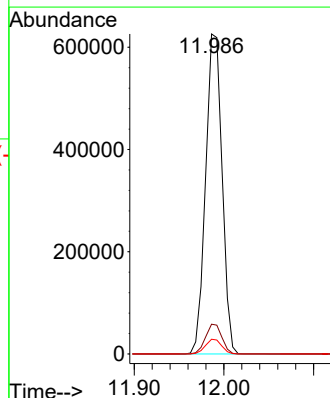
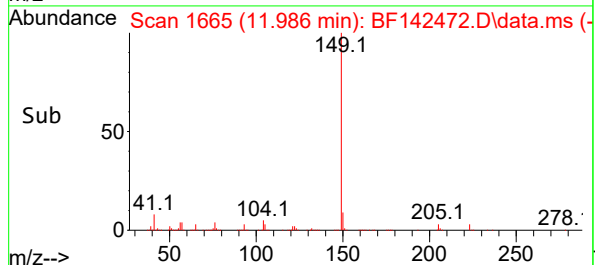
Tgt Ion:167 Resp: 716381
Ion Ratio Lower Upper
167 100
166 21.4 16.9 25.3
139 12.7 10.2 15.4

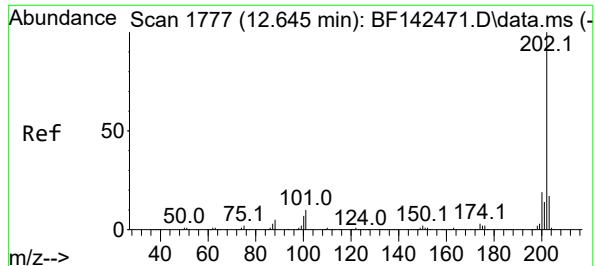


#74
Di-n-butylphthalate
Concen: 51.856 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34



Tgt Ion:149 Resp: 798451
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.6 3.6 5.4

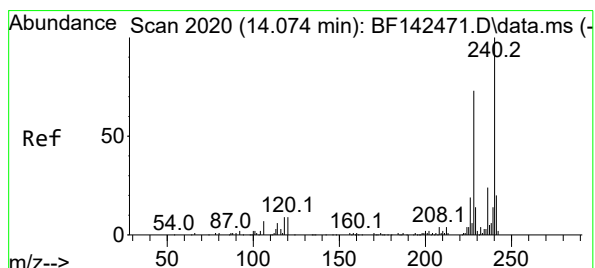
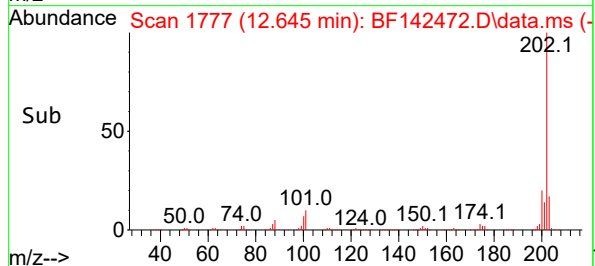
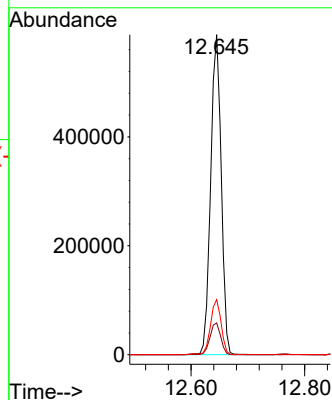
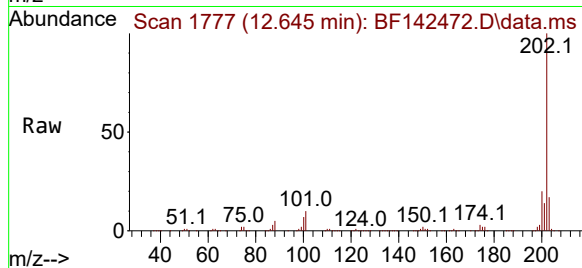




#75
Fluoranthene
Concen: 49.923 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

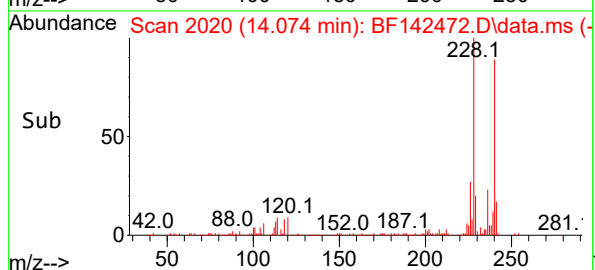
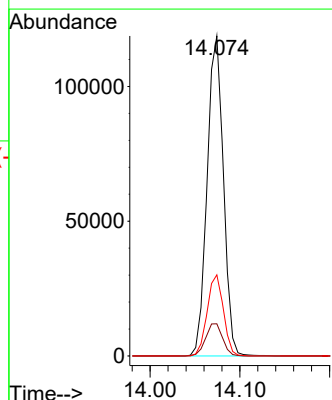
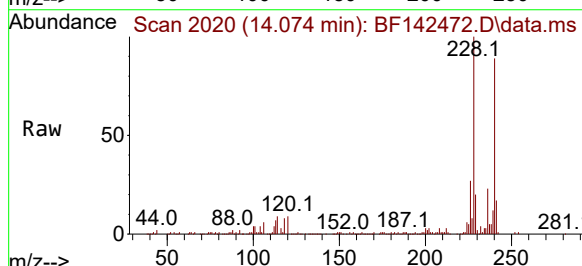
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

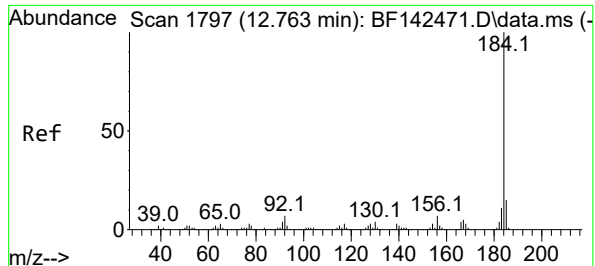
Tgt Ion:202 Resp: 752083
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.6
203 17.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:240 Resp: 149689
Ion Ratio Lower Upper
240 100
120 10.0 7.5 11.3
236 25.4 19.6 29.4





#77

Benzidine

Concen: 54.058 ng

RT: 12.763 min Scan# 1797

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

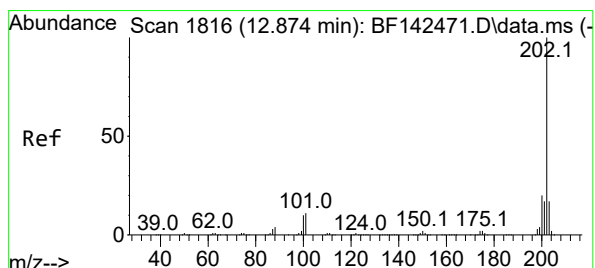
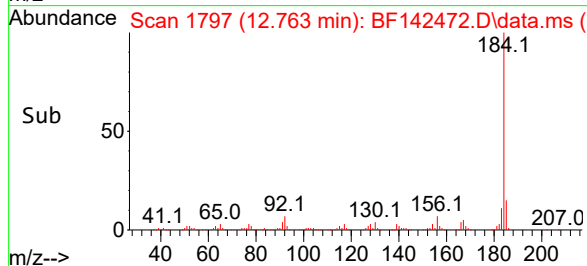
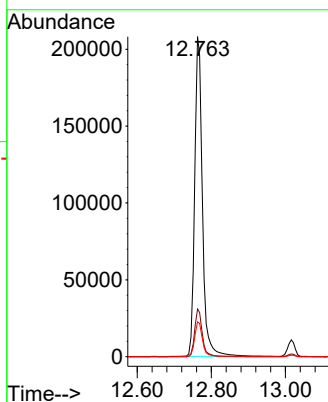
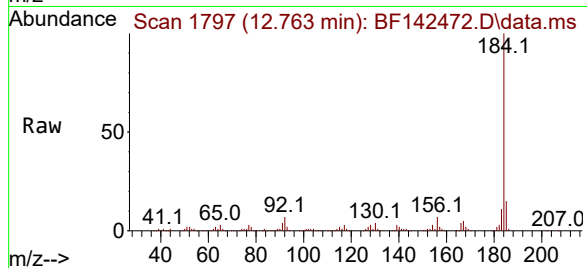
Tgt Ion:184 Resp: 301122

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 10.9 9.0 13.4



#78

Pyrene

Concen: 52.513 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

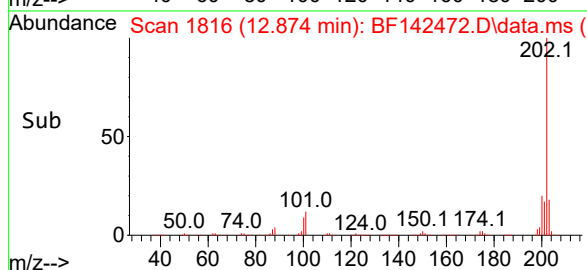
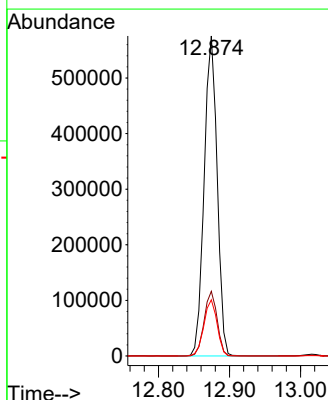
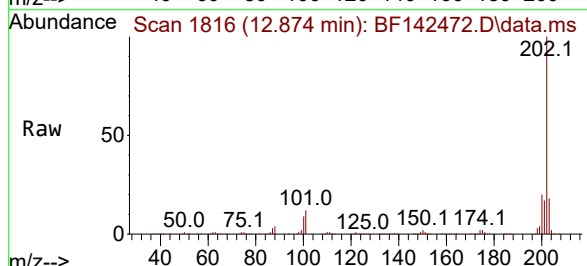
Tgt Ion:202 Resp: 733277

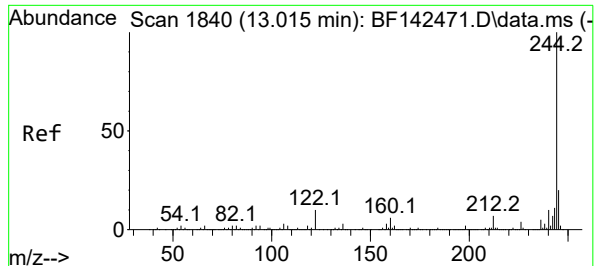
Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 101.951 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

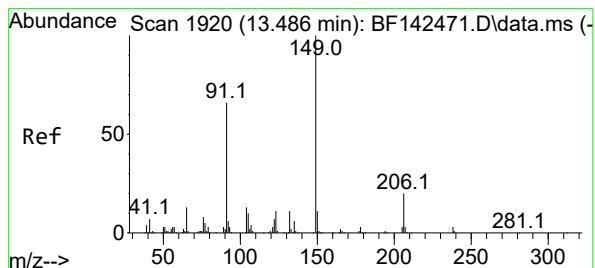
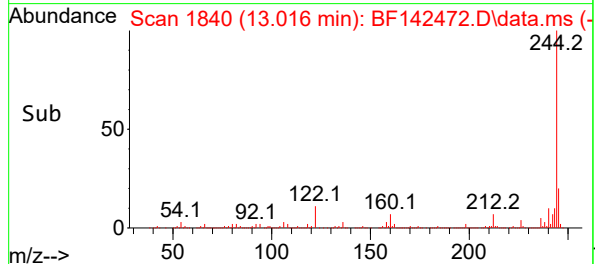
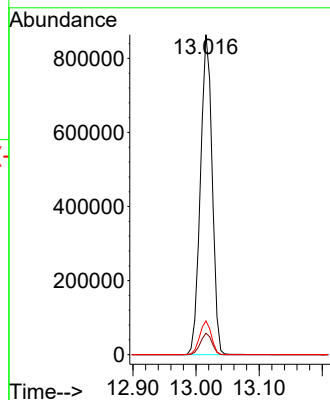
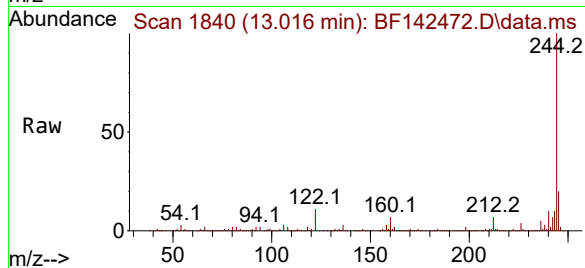
Tgt Ion:244 Resp: 1116751

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.5 8.2 12.2



#80

Butylbenzylphthalate

Concen: 55.767 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

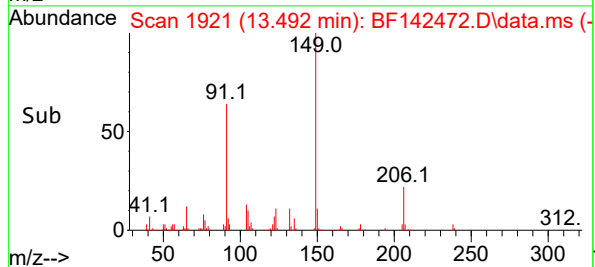
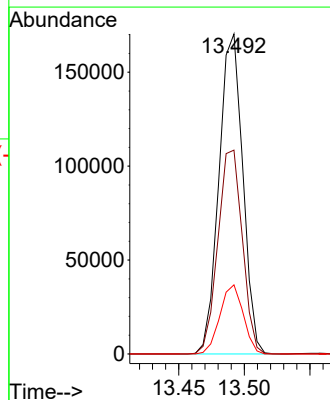
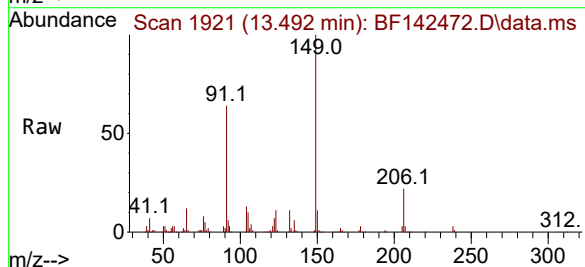
Tgt Ion:149 Resp: 215174

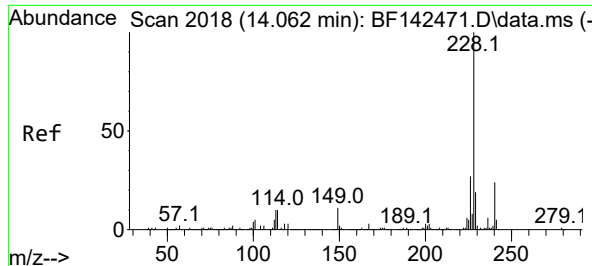
Ion Ratio Lower Upper

149 100

91 63.7 52.9 79.3

206 21.6 16.2 24.2

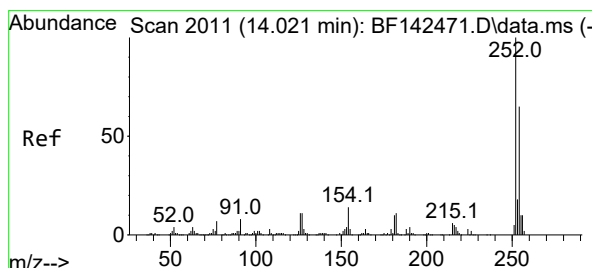
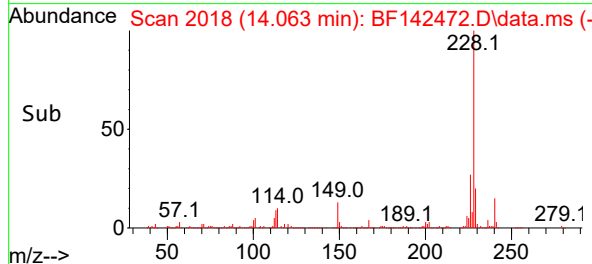
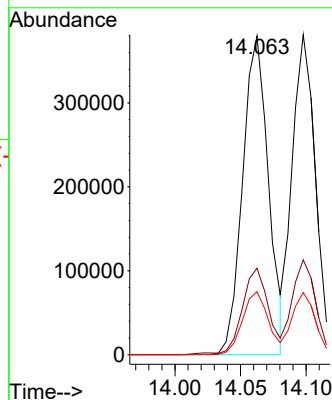
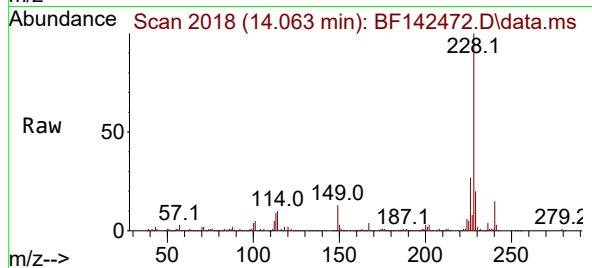




#81
Benzo(a)anthracene
Concen: 52.076 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

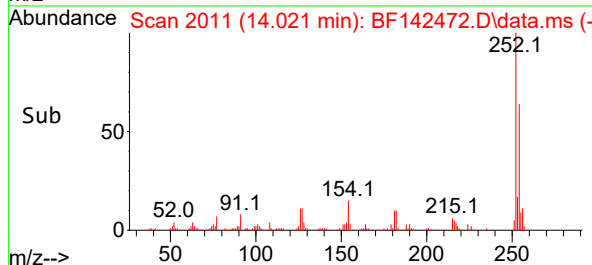
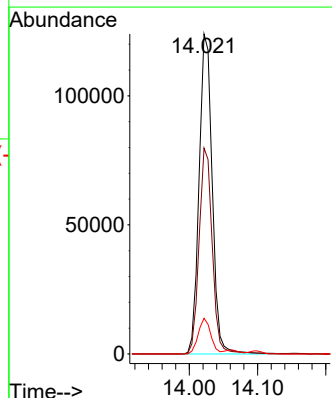
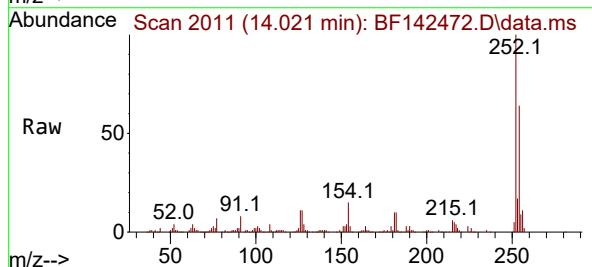
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

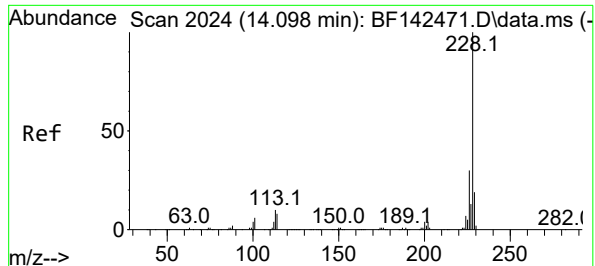
Tgt Ion:228 Resp: 520525
Ion Ratio Lower Upper
228 100
226 27.1 21.2 31.8
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 54.828 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:252 Resp: 166223
Ion Ratio Lower Upper
252 100
254 64.4 52.0 78.0
126 11.2 8.9 13.3





#83

Chrysene

Concen: 52.273 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

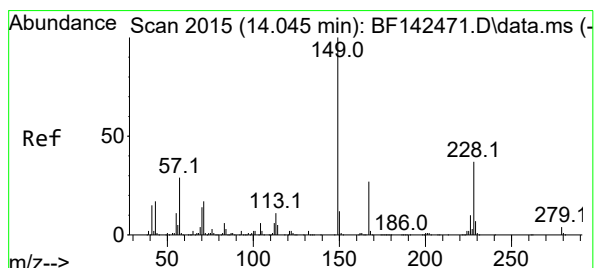
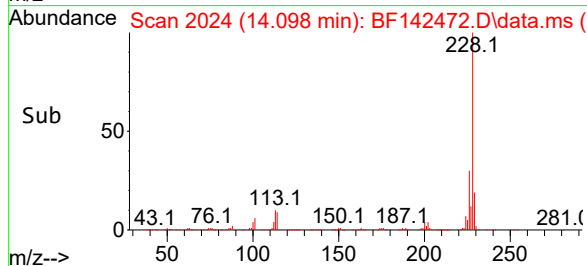
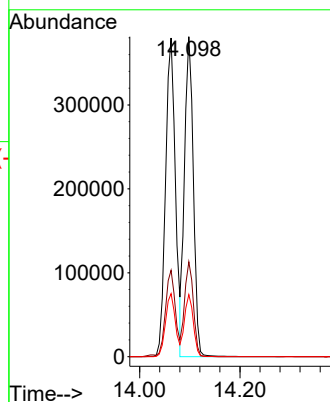
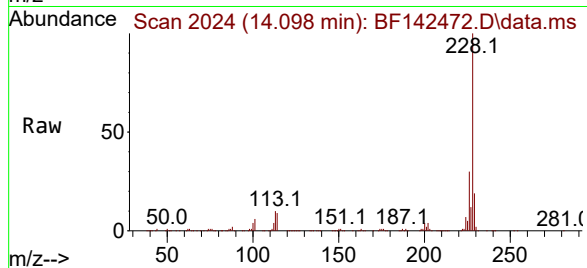
Tgt Ion:228 Resp: 469491

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.4 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.932 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

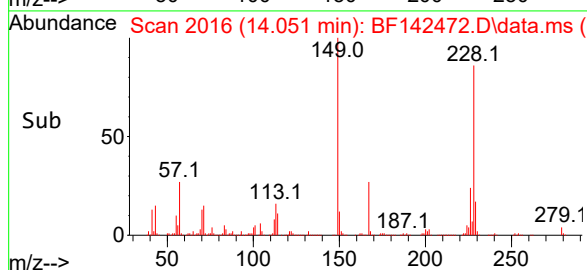
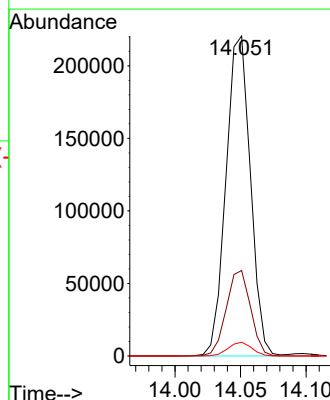
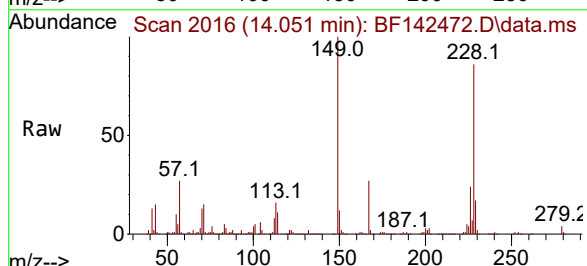
Tgt Ion:149 Resp: 286151

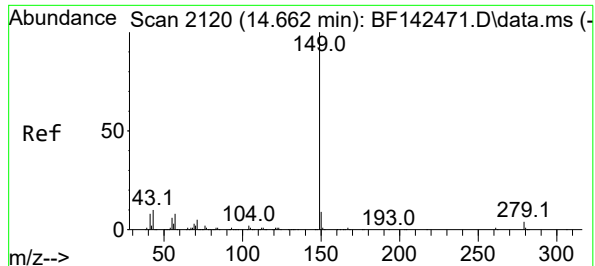
Ion Ratio Lower Upper

149 100

167 26.7 21.5 32.3

279 4.3 3.2 4.8

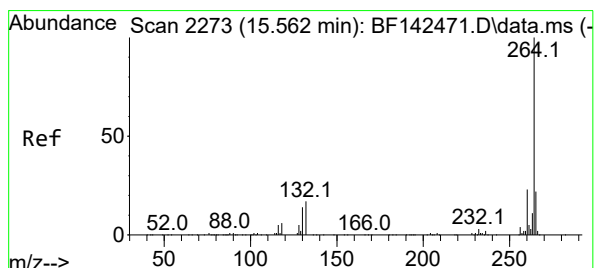
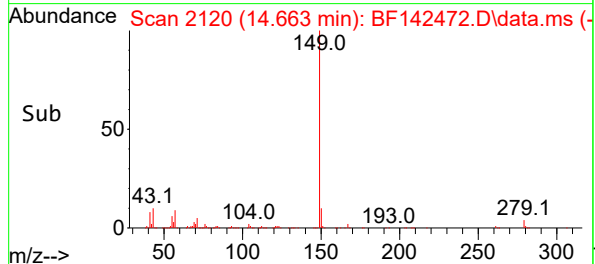
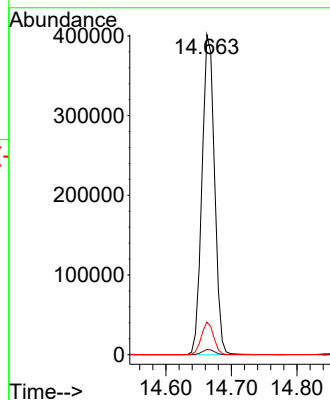
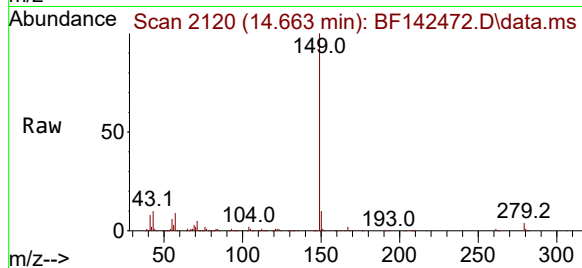




#85
Di-n-octyl phthalate
Concen: 55.482 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

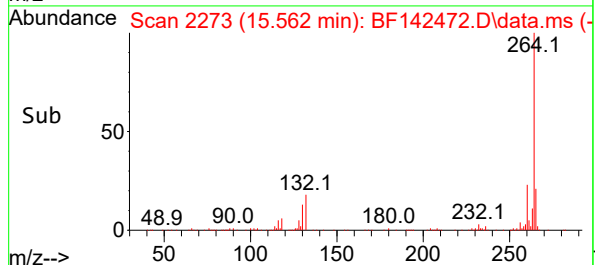
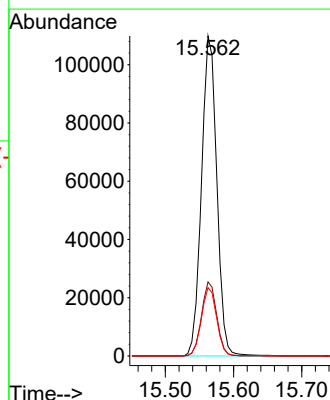
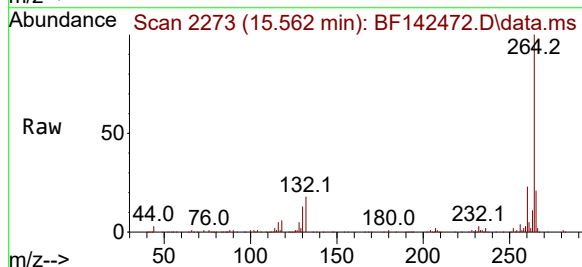
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

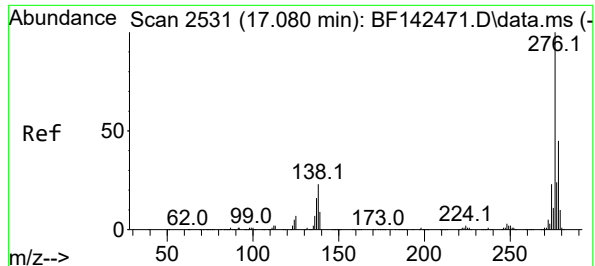
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	7.9	11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.3	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.730 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

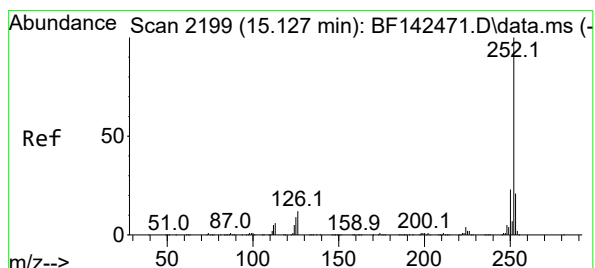
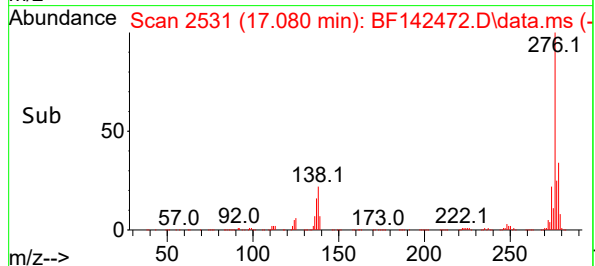
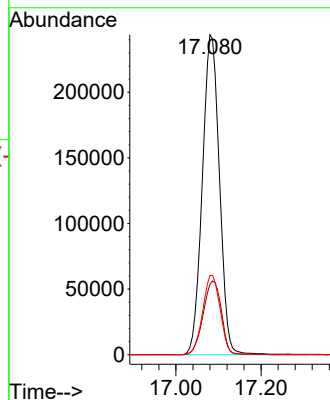
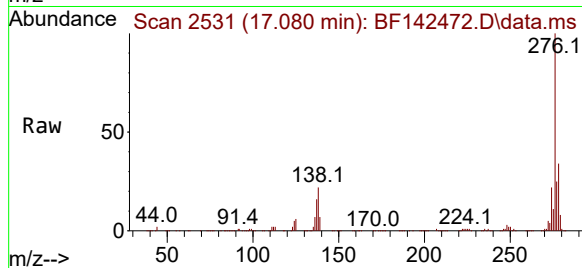
Tgt Ion:276 Resp: 679247

Ion Ratio Lower Upper

276 100

138 24.5 19.9 29.9

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.062 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

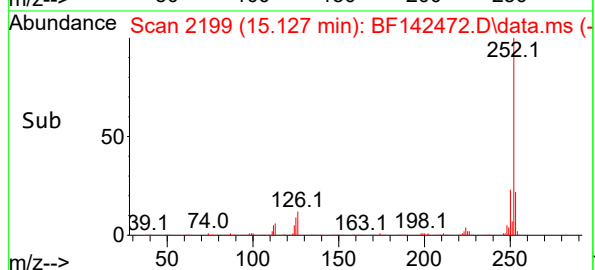
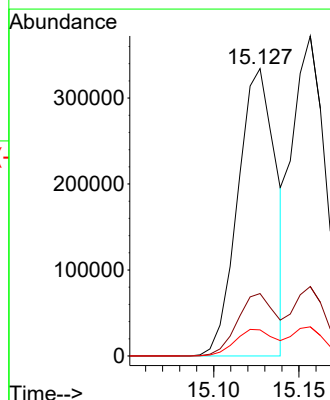
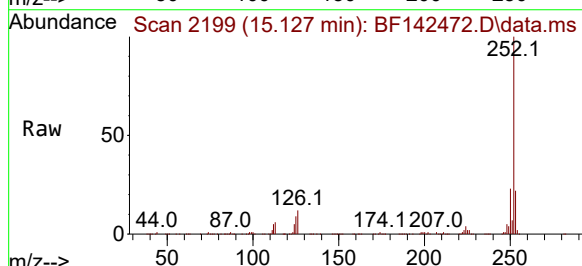
Tgt Ion:252 Resp: 518544

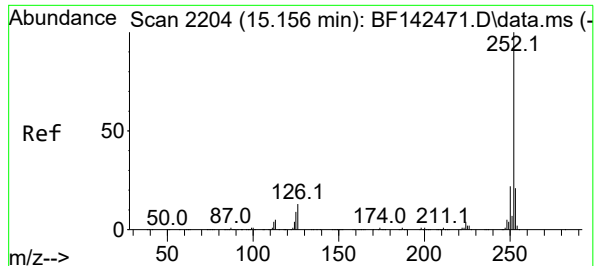
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.130 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

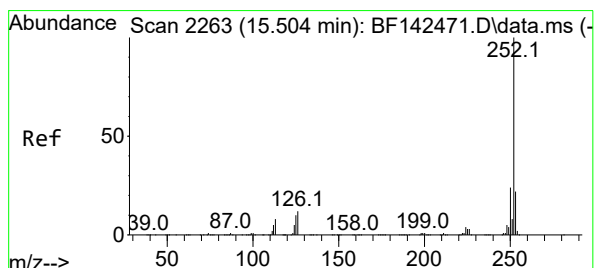
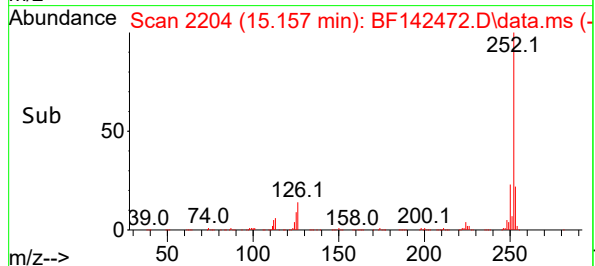
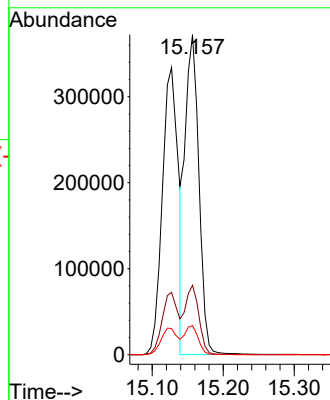
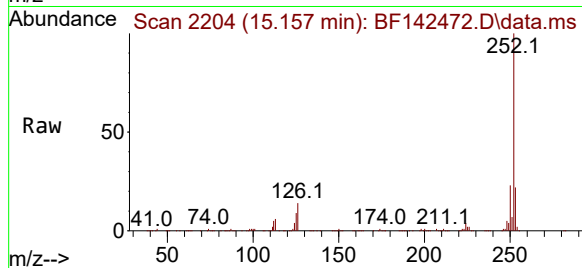
Tgt Ion:252 Resp: 505348

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 9.1 7.3 10.9



#90

Benzo(a)pyrene

Concen: 53.101 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

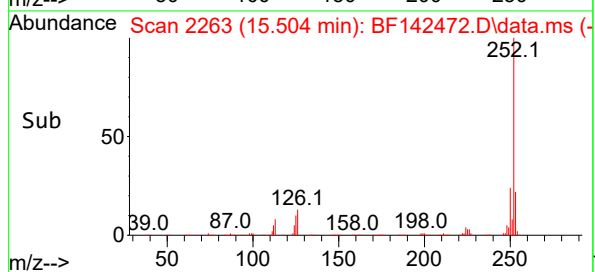
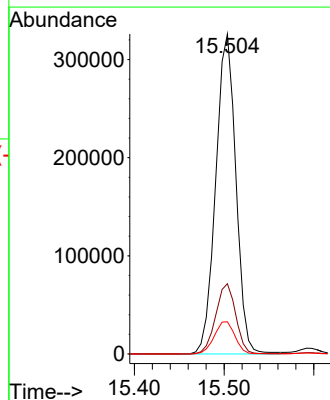
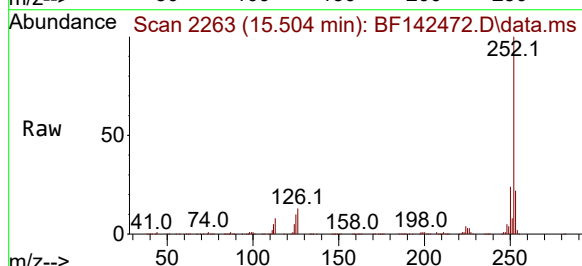
Tgt Ion:252 Resp: 508303

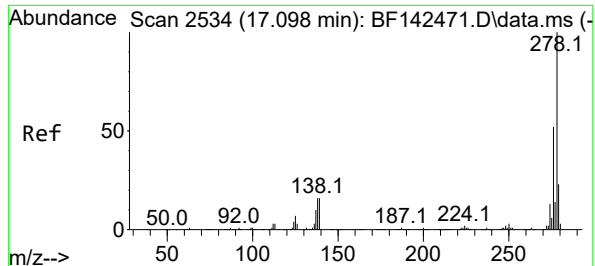
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.0 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 52.964 ng

RT: 17.104 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

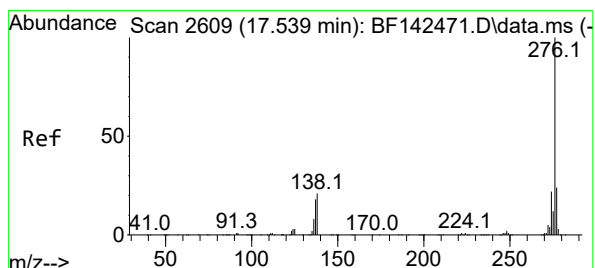
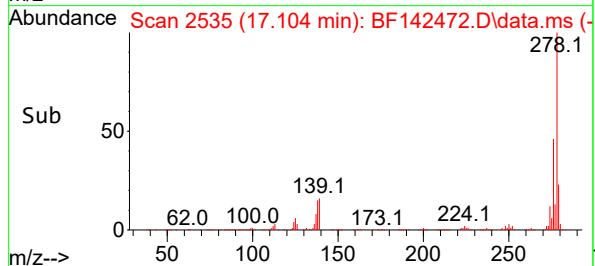
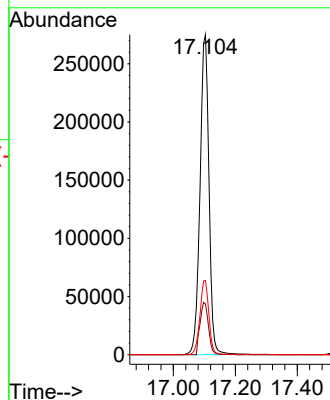
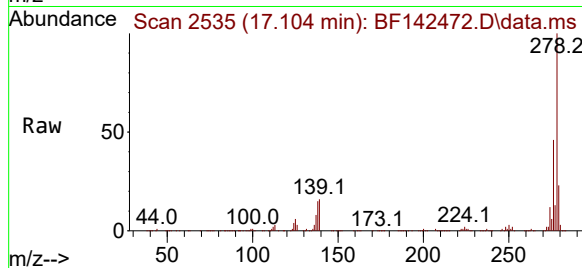
Tgt Ion:278 Resp: 553351

Ion Ratio Lower Upper

278 100

139 15.9 12.8 19.2

279 23.2 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 53.328 ng

RT: 17.545 min Scan# 2610

Delta R.T. -0.012 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

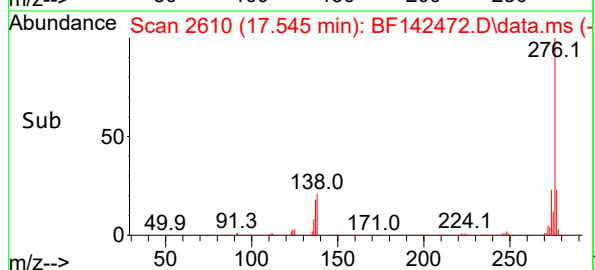
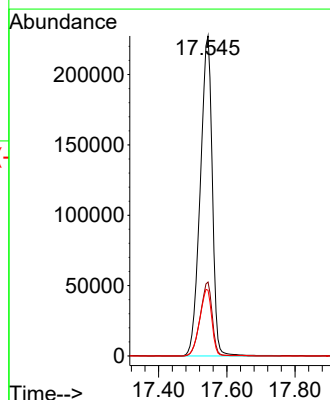
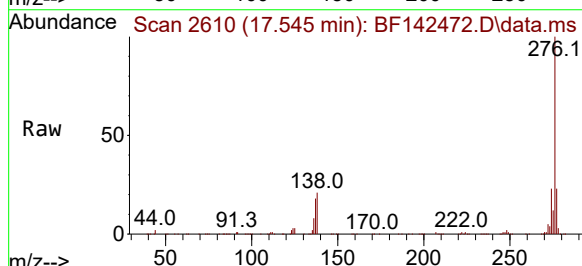
Tgt Ion:276 Resp: 557271

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 20.5 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142473.D
 Acq On : 20 May 2025 15:03
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: May 20 16:55:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	91151	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	354160	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	187285	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	292190	20.000	ng	0.00
76) Chrysene-d12	14.074	240	143579	20.000	ng	0.00
86) Perylene-d12	15.563	264	183052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	636815	117.703	ng	0.00
7) Phenol-d6	6.528	99	767355	117.823	ng	0.00
23) Nitrobenzene-d5	7.469	82	771758	118.825	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	244491	117.621	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1569136	112.426	ng	0.00
79) Terphenyl-d14	13.016	244	1151893	109.634	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	132790	61.335	ng	98
3) Pyridine	3.440	79	337570	61.229	ng	99
4) n-Nitrosodimethylamine	3.393	42	178276	62.278	ng	100
6) Aniline	6.563	93	522409	59.656	ng	99
8) 2-Chlorophenol	6.687	128	351459	59.640	ng	99
9) Benzaldehyde	6.451	77	207213	52.898	ng	99
10) Phenol	6.545	94	436789	59.604	ng	95
11) bis(2-Chloroethyl)ether	6.640	93	316232	59.948	ng	100
12) 1,3-Dichlorobenzene	6.845	146	384777	58.514	ng	99
13) 1,4-Dichlorobenzene	6.922	146	390981	59.027	ng	99
14) 1,2-Dichlorobenzene	7.075	146	370996	58.534	ng	99
15) Benzyl Alcohol	7.040	79	293457	60.973	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	519064	58.593	ng	99
17) 2-Methylphenol	7.151	107	277466	60.306	ng	99
18) Hexachloroethane	7.416	117	135953	58.780	ng	99
19) n-Nitroso-di-n-propyla...	7.322	70	236814	58.671	ng	98
20) 3+4-Methylphenols	7.304	107	341788	58.010	ng	# 87
22) Acetophenone	7.316	105	454226	57.937	ng	99
24) Nitrobenzene	7.487	77	351378	59.984	ng	98
25) Isophorone	7.728	82	644818	59.381	ng	99
26) 2-Nitrophenol	7.798	139	193662	61.872	ng	98
27) 2,4-Dimethylphenol	7.834	122	331159	59.994	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	398177	58.699	ng	99
29) 2,4-Dichlorophenol	8.045	162	300754	59.913	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	318487	58.460	ng	99
31) Naphthalene	8.210	128	1012926	58.085	ng	99
32) Benzoic acid	7.957	122	221962	66.059	ng	99
33) 4-Chloroaniline	8.257	127	421281	59.619	ng	99
34) Hexachlorobutadiene	8.328	225	203527	59.831	ng	99
35) Caprolactam	8.634	113	82688	58.650	ng	100
36) 4-Chloro-3-methylphenol	8.734	107	305341	59.352	ng	99
37) 2-Methylnaphthalene	8.898	142	635148	57.893	ng	100
38) 1-Methylnaphthalene	8.998	142	649652	57.247	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	321732	59.844	ng	99
41) Hexachlorocyclopentadiene	9.051	237	238708	65.820	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	217868	60.098	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142473.D
 Acq On : 20 May 2025 15:03
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

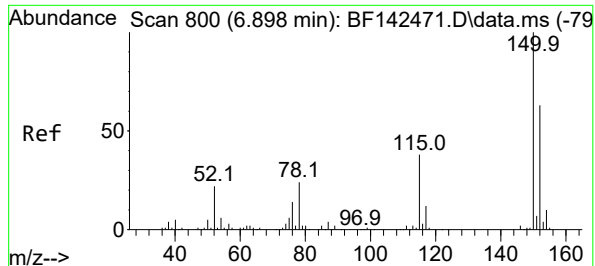
Quant Time: May 20 16:55:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	229079	59.916	ng	99
46) 1,1'-Biphenyl	9.363	154	846783	58.279	ng	99
47) 2-Chloronaphthalene	9.392	162	630647	58.746	ng	99
48) 2-Nitroaniline	9.481	65	186466	60.093	ng	98
49) Acenaphthylene	9.804	152	1058826	58.411	ng	100
50) Dimethylphthalate	9.669	163	705857	57.119	ng	100
51) 2,6-Dinitrotoluene	9.728	165	157884	59.195	ng	99
52) Acenaphthene	9.981	154	643773	58.160	ng	99
53) 3-Nitroaniline	9.898	138	171137	58.746	ng	99
54) 2,4-Dinitrophenol	9.998	184	89741	65.126	ng	88
55) Dibenzofuran	10.151	168	918703	57.677	ng	100
56) 4-Nitrophenol	10.045	139	128501	59.782	ng	96
57) 2,4-Dinitrotoluene	10.128	165	209035	60.012	ng	100
58) Fluorene	10.492	166	695462	56.516	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	187067	58.609	ng	98
60) Diethylphthalate	10.363	149	684259	56.695	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	343838	56.880	ng	98
62) 4-Nitroaniline	10.510	138	148755	56.302	ng	99
63) Azobenzene	10.645	77	631137	58.221	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	109172	66.950	ng	98
66) n-Nitrosodiphenylamine	10.604	169	608394	60.861	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	212638	61.546	ng	99
68) Hexachlorobenzene	11.039	284	229917	60.168	ng	98
69) Atrazine	11.128	200	158234	59.604	ng	100
70) Pentachlorophenol	11.233	266	137347	63.663	ng	99
71) Phenanthrene	11.457	178	905073	57.961	ng	100
72) Anthracene	11.510	178	918369	57.627	ng	99
73) Carbazole	11.663	167	769151	56.455	ng	100
74) Di-n-butylphthalate	11.986	149	853524	57.234	ng	100
75) Fluoranthene	12.645	202	789533	54.112	ng	99
77) Benzidine	12.763	184	300547	56.251	ng	100
78) Pyrene	12.874	202	763672	57.017	ng	100
80) Butylbenzylphthalate	13.492	149	236758	63.972	ng	97
81) Benzo(a)anthracene	14.063	228	571607	59.620	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	190415	65.480	ng	100
83) Chrysene	14.098	228	526831	61.153	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	334950	70.698	ng	98
85) Di-n-octyl phthalate	14.663	149	664220	71.701	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	848752	61.761	ng	100
88) Benzo(b)fluoranthene	15.127	252	616210	56.878	ng	99
89) Benzo(k)fluoranthene	15.157	252	619660	61.068	ng	98
90) Benzo(a)pyrene	15.504	252	622347	60.943	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	683473	61.321	ng	99
92) Benzo(g,h,i)perylene	17.545	276	683528	61.313	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

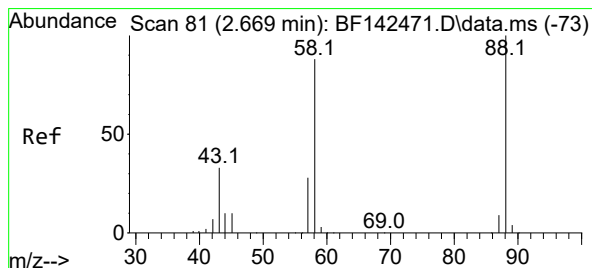
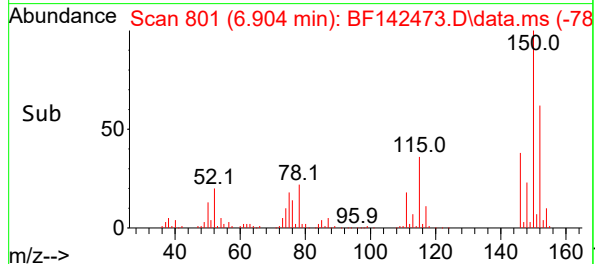
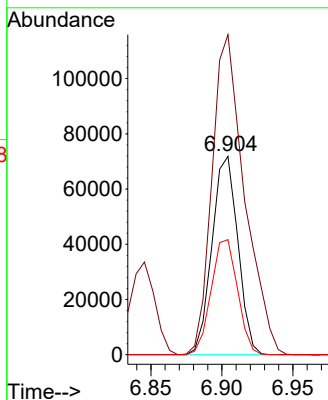
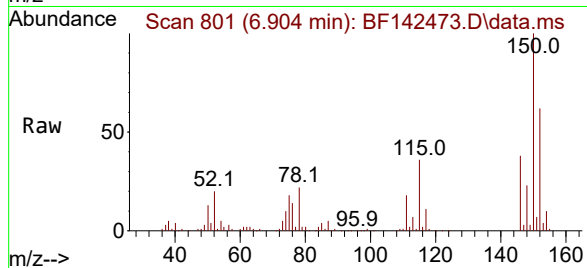
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

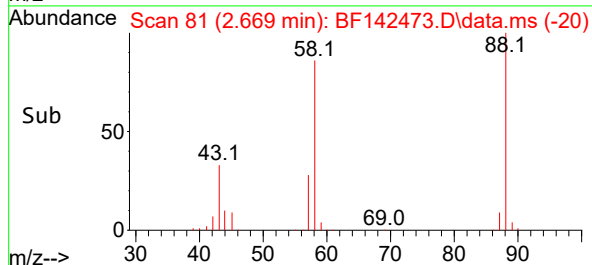
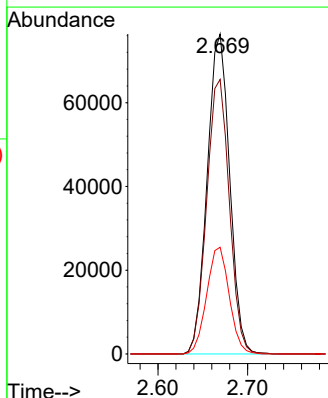
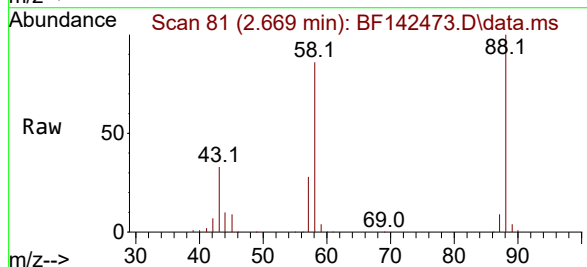
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

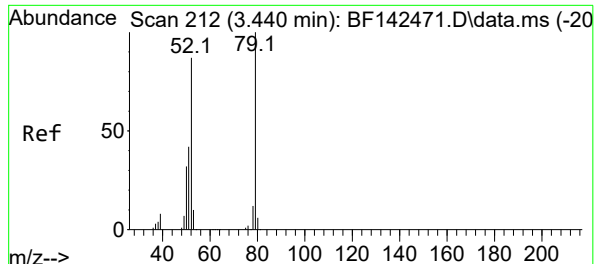
Tgt Ion:152 Resp: 91151
Ion Ratio Lower Upper
152 100
150 161.4 128.2 192.4
115 58.0 48.3 72.5



#2
1,4-Dioxane
Concen: 61.335 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 88 Resp: 132790
Ion Ratio Lower Upper
88 100
58 86.7 70.8 106.2
43 33.5 26.6 40.0





#3

Pyridine

Concen: 61.229 ng

RT: 3.440 min Scan# 212

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

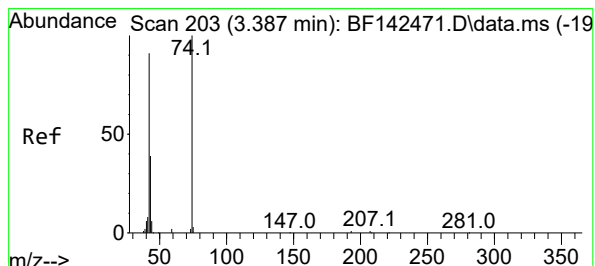
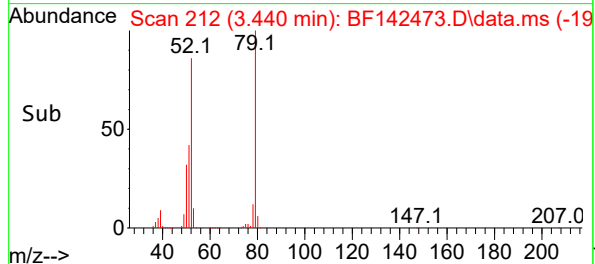
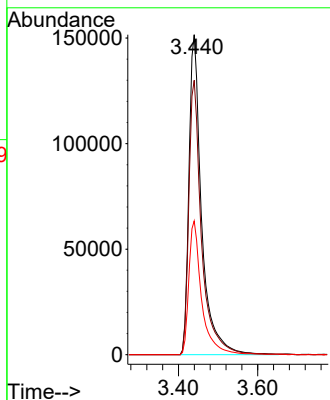
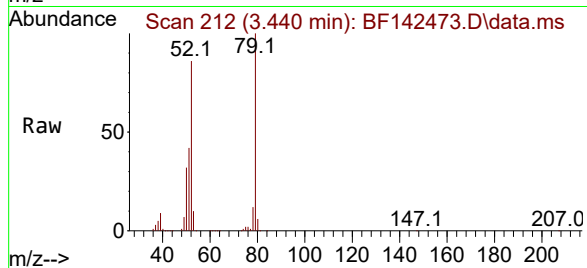
Tgt Ion: 79 Resp: 337570

Ion Ratio Lower Upper

79 100

52 85.7 69.2 103.8

51 41.8 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 62.278 ng

RT: 3.393 min Scan# 204

Delta R.T. -0.012 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

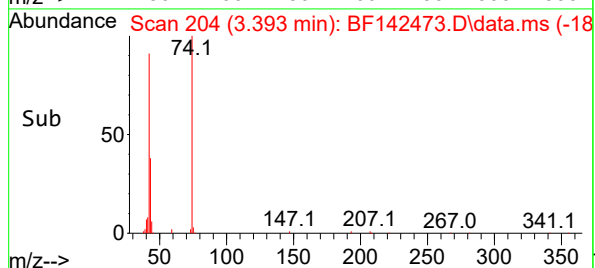
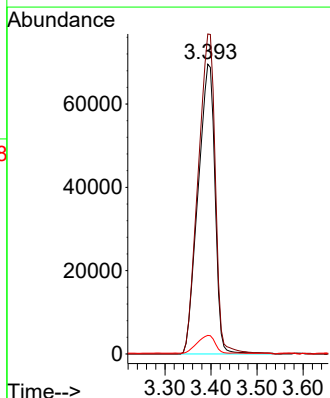
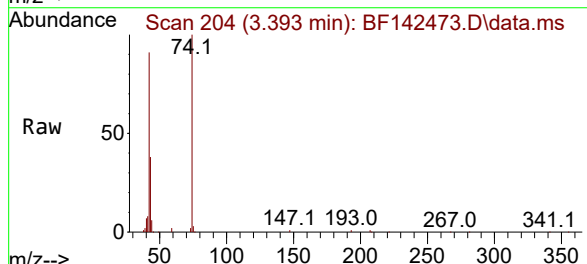
Tgt Ion: 42 Resp: 178276

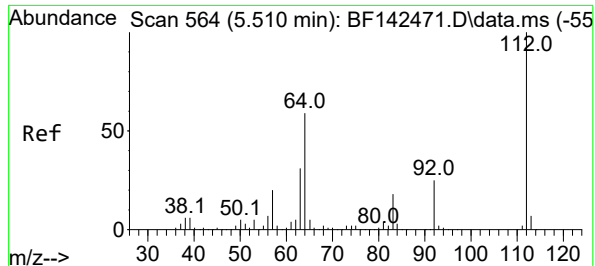
Ion Ratio Lower Upper

42 100

74 110.4 88.2 132.4

44 6.4 5.4 8.2

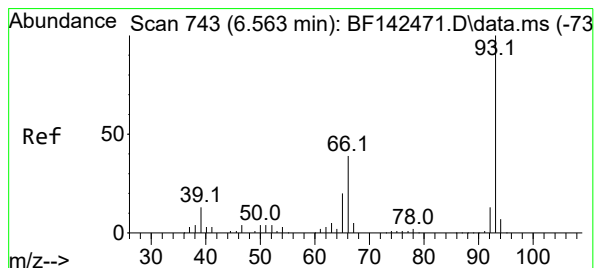
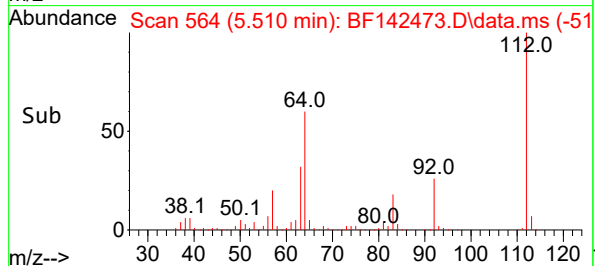
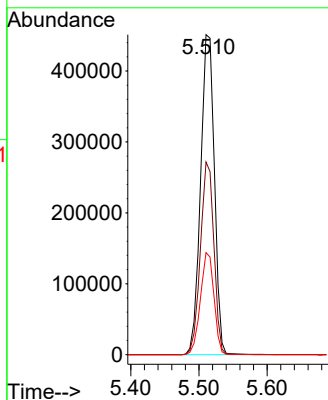
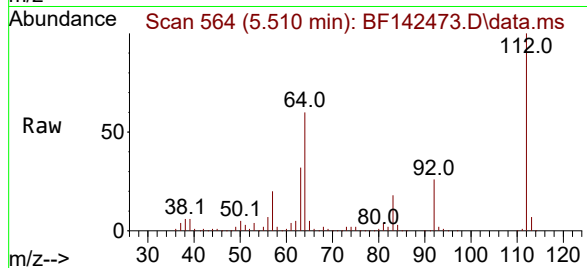




#5
2-Fluorophenol
Concen: 117.703 ng
RT: 5.510 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

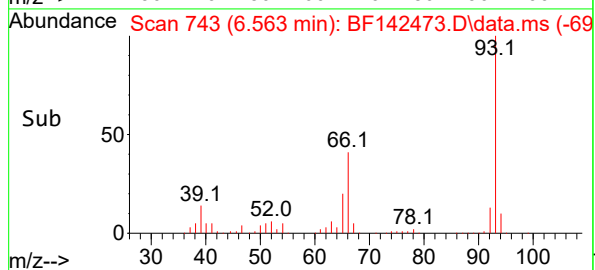
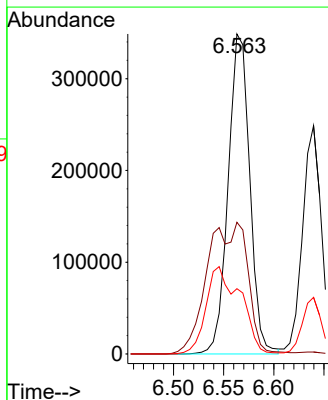
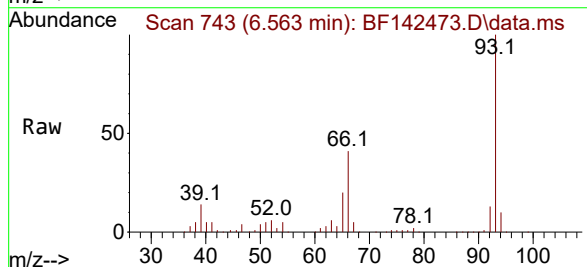
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

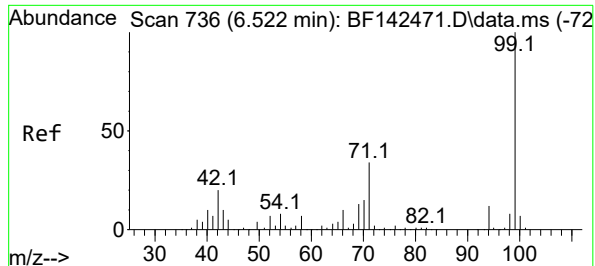
Tgt Ion:112 Resp: 636815
Ion Ratio Lower Upper
112 100
64 60.2 47.5 71.3
63 31.9 24.9 37.3



#6
Aniline
Concen: 59.656 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 93 Resp: 522409
Ion Ratio Lower Upper
93 100
66 41.2 32.0 48.0
65 20.4 16.1 24.1





#7

Phenol-d6

Concen: 117.823 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

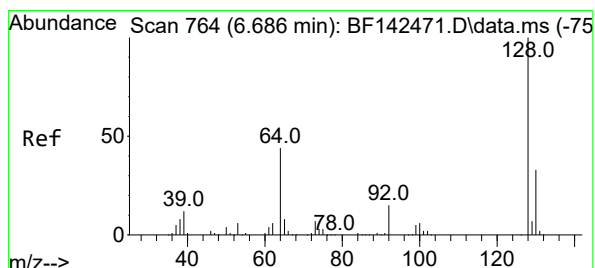
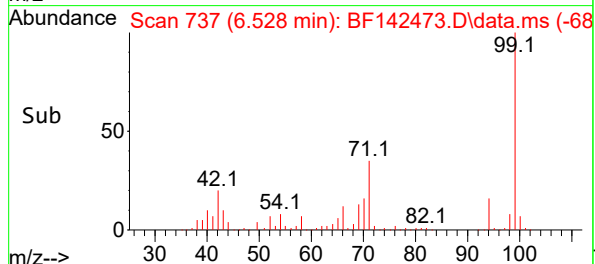
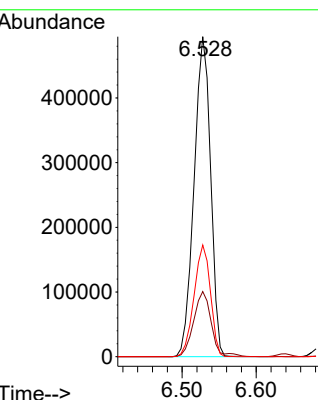
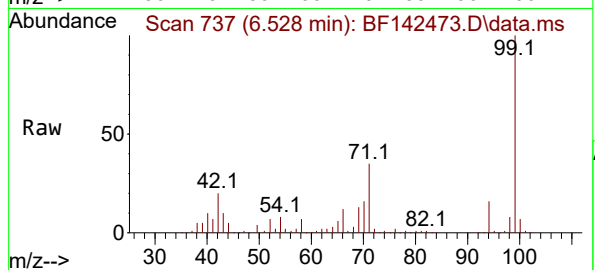
Tgt Ion: 99 Resp: 767355

Ion Ratio Lower Upper

99 100

42 20.4 16.2 24.2

71 34.9 27.3 40.9



#8

2-Chlorophenol

Concen: 59.640 ng

RT: 6.687 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

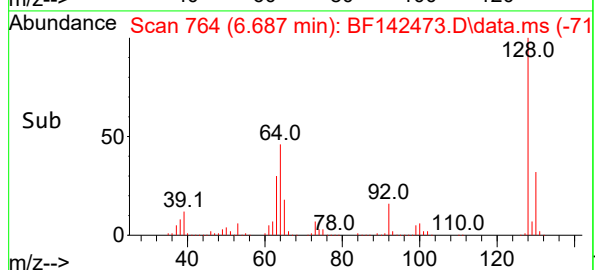
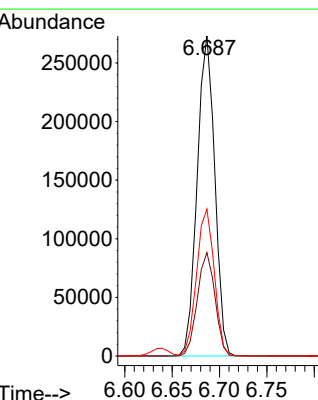
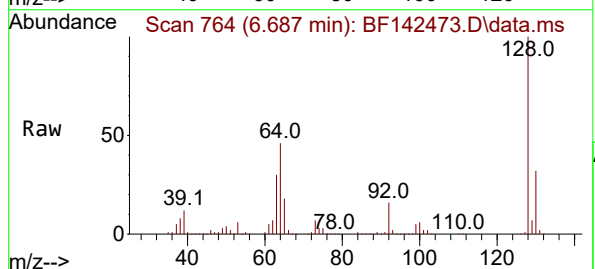
Tgt Ion:128 Resp: 351459

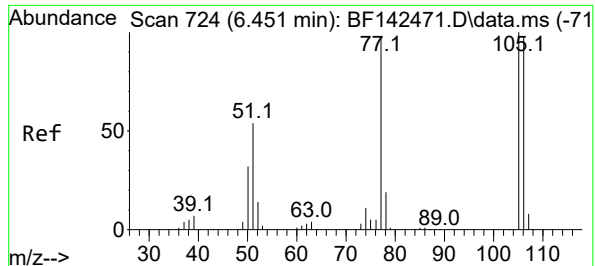
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 45.9 25.1 65.1





#9

Benzaldehyde

Concen: 52.898 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

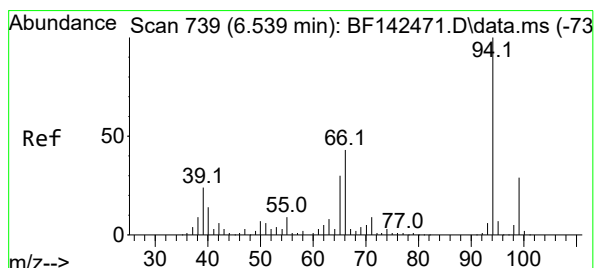
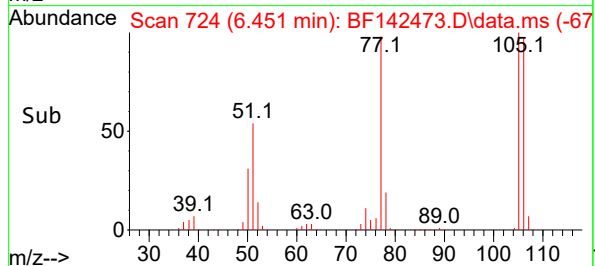
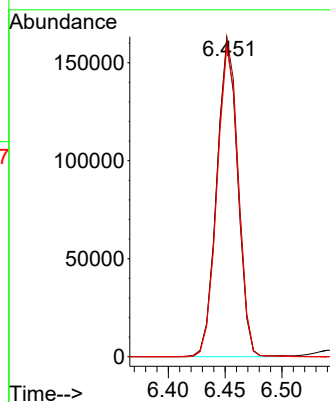
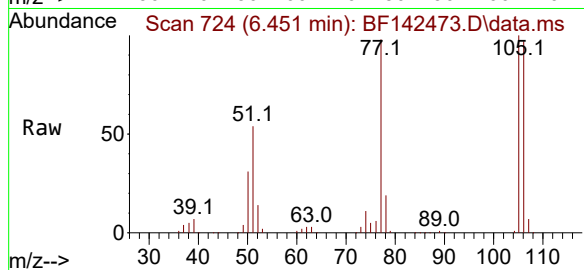
Tgt Ion: 77 Resp: 207213

Ion	Ratio	Lower	Upper

77	100		

105	101.7	82.5	122.5

106	98.3	80.0	120.0



#10

Phenol

Concen: 59.604 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

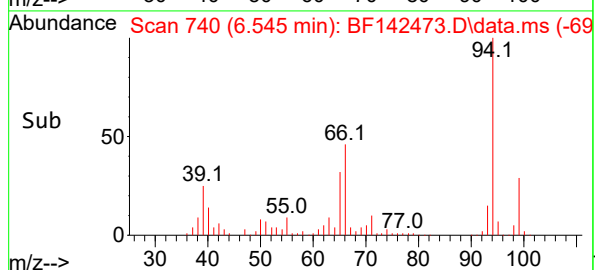
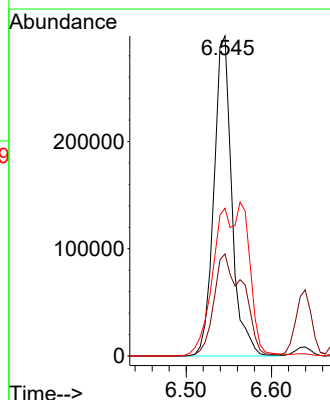
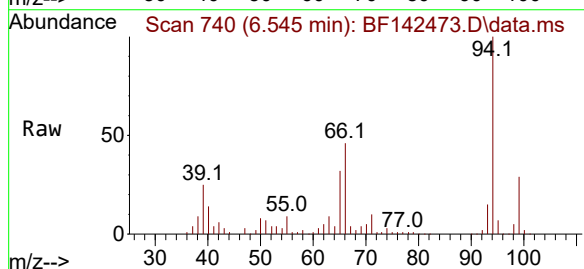
Tgt Ion: 94 Resp: 436789

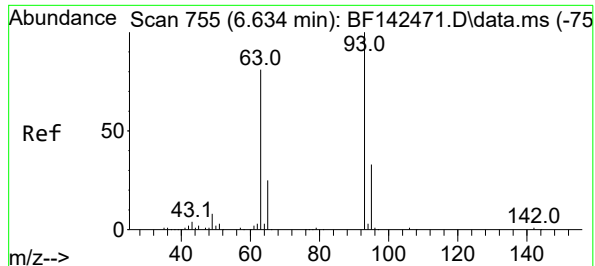
Ion	Ratio	Lower	Upper

94	100		

65	31.9	10.3	50.3

66	46.2	22.6	62.6





#11

bis(2-Chloroethyl)ether

Concen: 59.948 ng

RT: 6.640 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

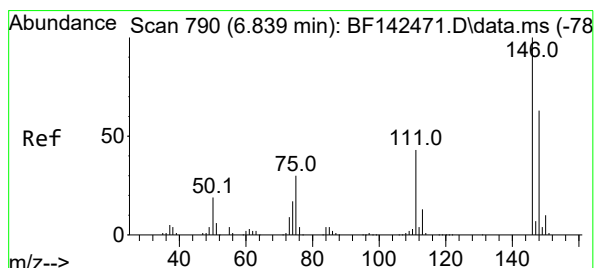
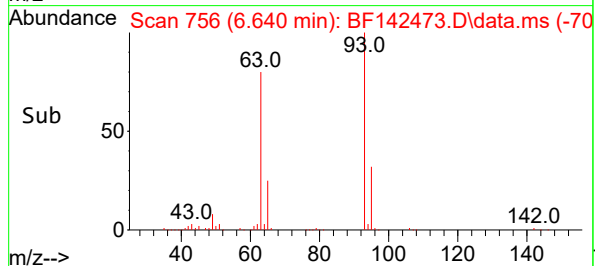
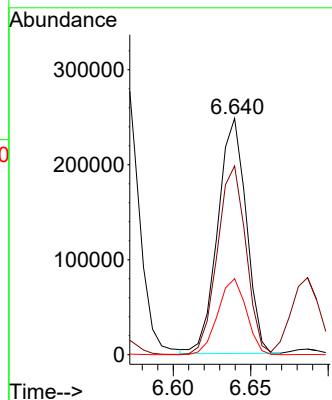
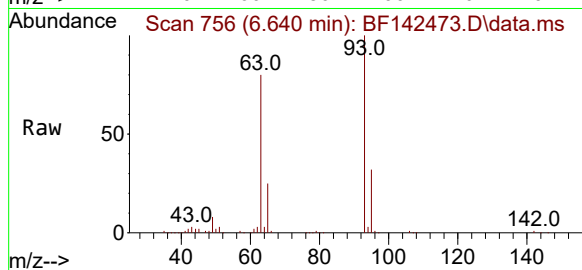
Tgt Ion: 93 Resp: 316232

Ion Ratio Lower Upper

93 100

63 79.9 60.2 100.2

95 32.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 58.514 ng

RT: 6.845 min Scan# 791

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

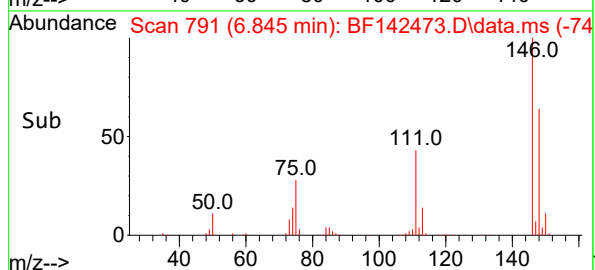
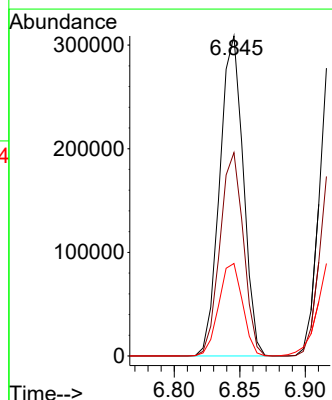
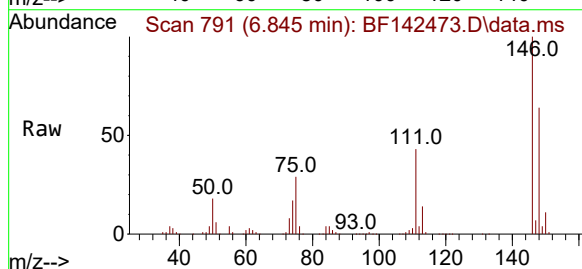
Tgt Ion: 146 Resp: 384777

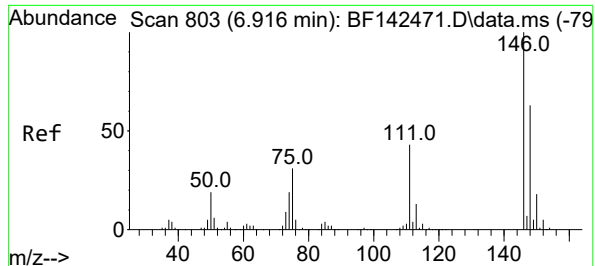
Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

75 28.9 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 59.027 ng

RT: 6.922 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

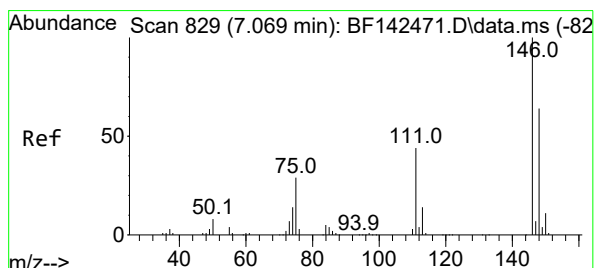
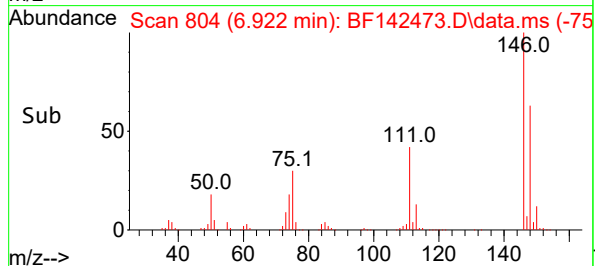
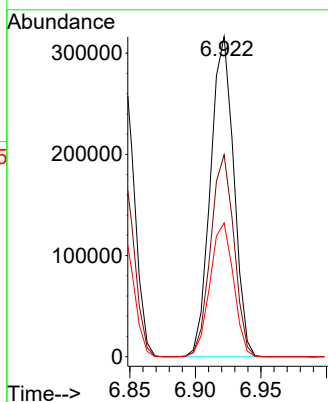
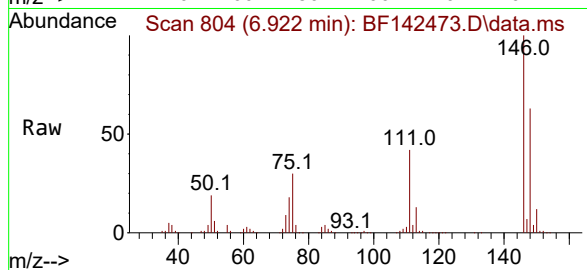
Tgt Ion:146 Resp: 390981

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

111 41.8 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 58.534 ng

RT: 7.075 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

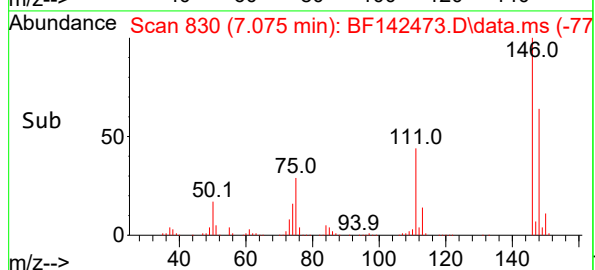
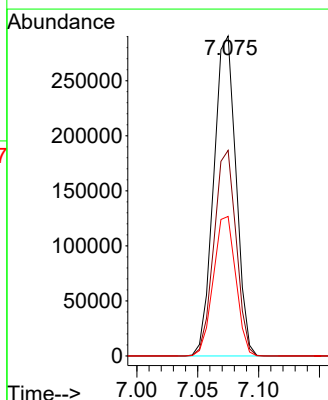
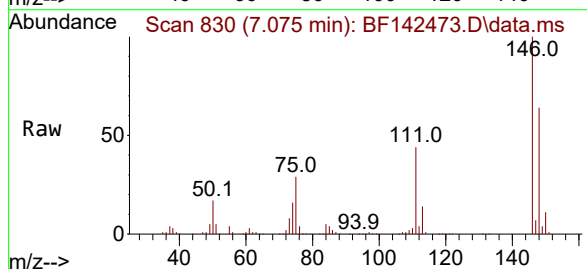
Tgt Ion:146 Resp: 370996

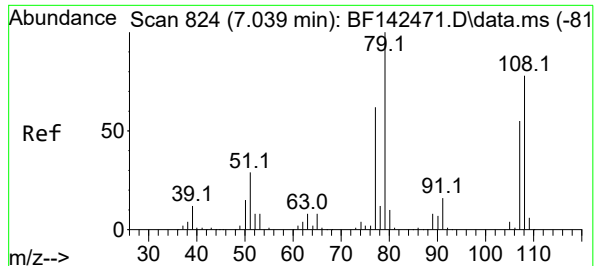
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

111 43.6 35.0 52.6





#15

Benzyl Alcohol

Concen: 60.973 ng

RT: 7.040 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

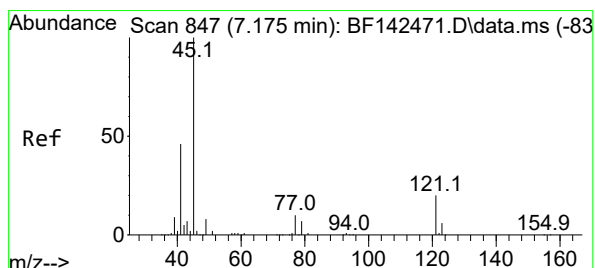
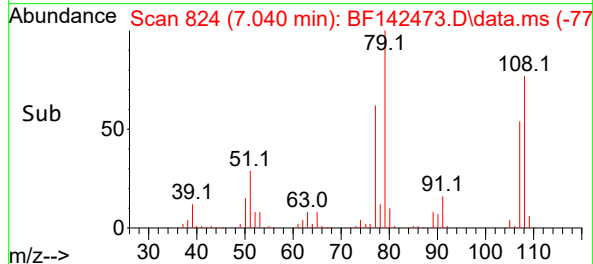
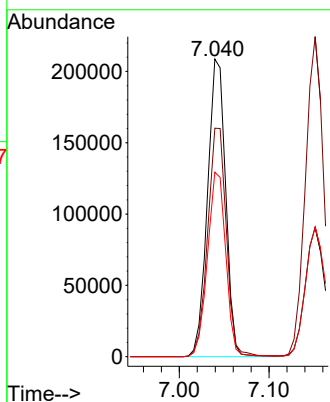
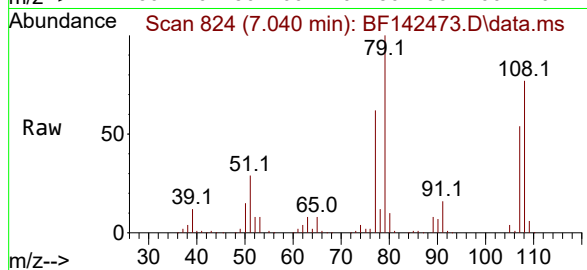
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 293457

Ion	Ratio	Lower	Upper
79	100		
108	76.8	62.1	93.1
77	62.0	49.5	74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.593 ng

RT: 7.175 min Scan# 847

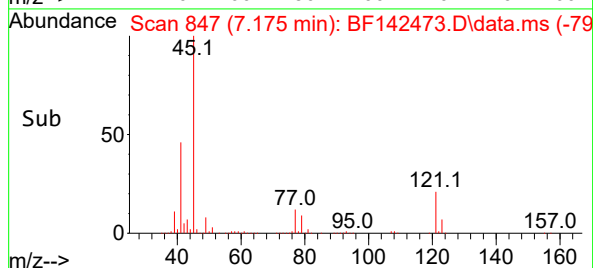
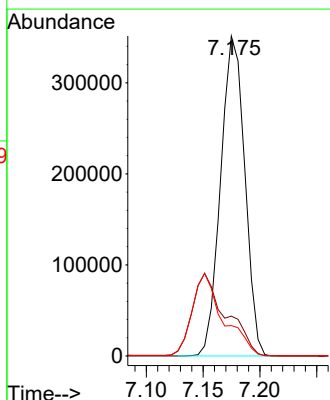
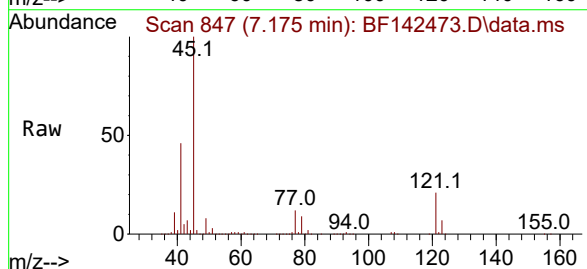
Delta R.T. -0.006 min

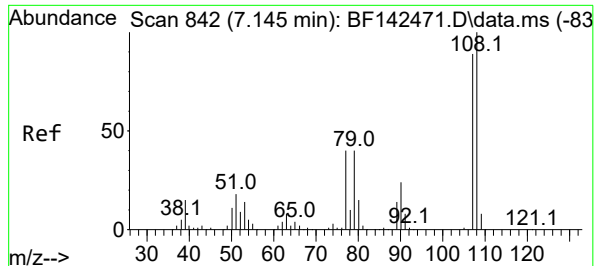
Lab File: BF142473.D

Acq: 20 May 2025 15:03

Tgt Ion: 45 Resp: 519064

Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	32.0
79	9.5	0.0	29.2

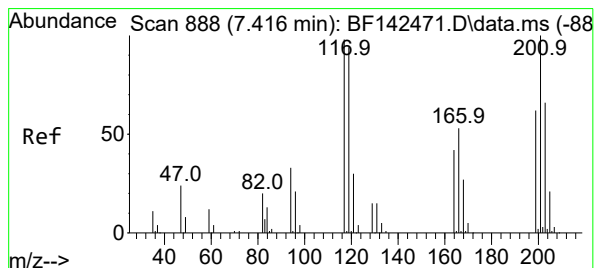
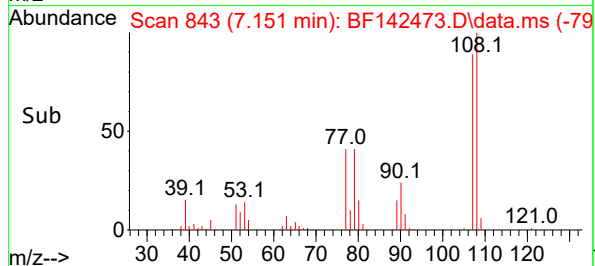
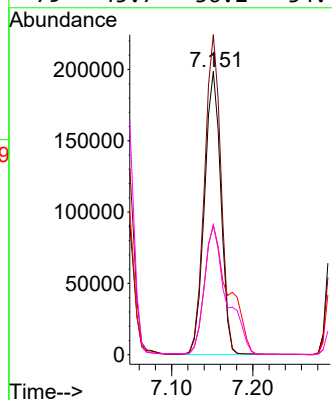
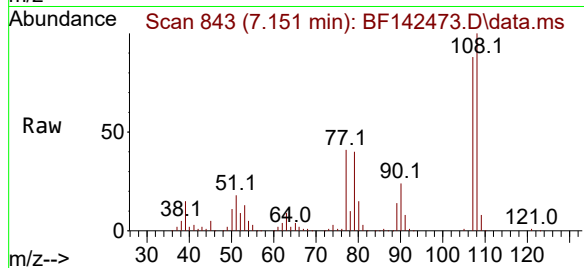




#17
2-Methylphenol
Concen: 60.306 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

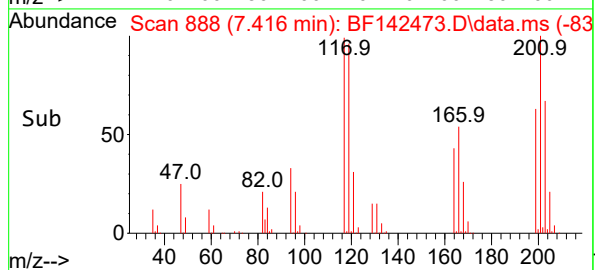
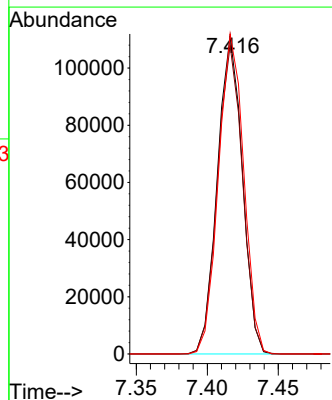
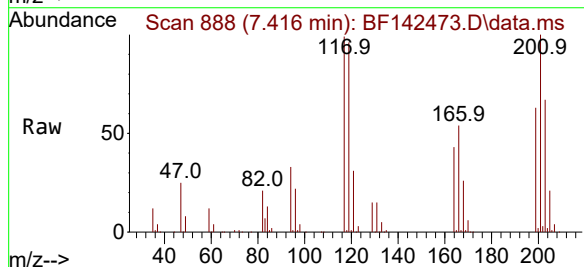
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

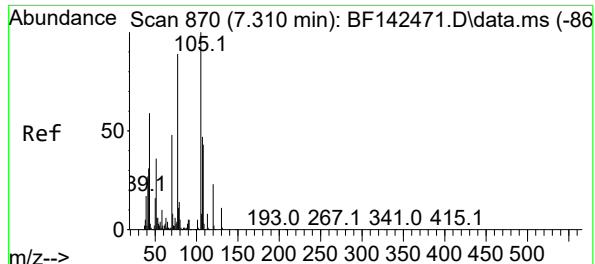
Tgt Ion:107 Resp: 277466
Ion Ratio Lower Upper
107 100
108 113.0 90.2 135.2
77 45.8 36.1 54.1
79 45.7 36.2 54.4



#18
Hexachloroethane
Concen: 58.780 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:117 Resp: 135953
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8
201 100.6 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 58.671 ng

RT: 7.322 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 236814

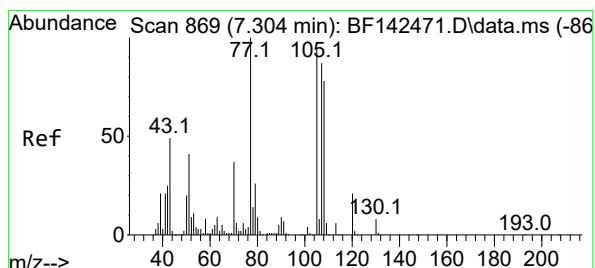
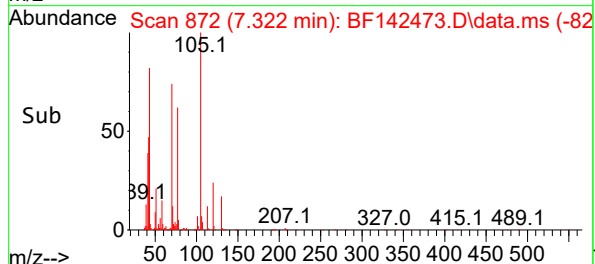
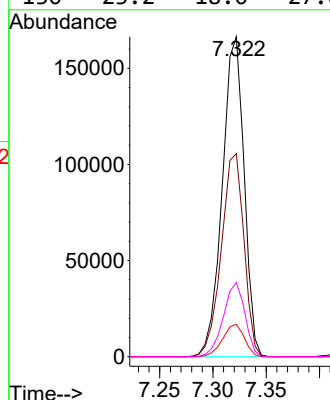
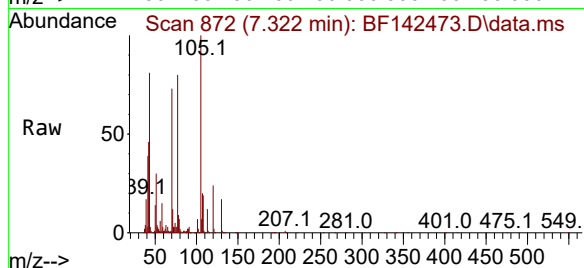
Ion Ratio Lower Upper

70 100

42 63.4 52.4 78.6

101 10.1 7.8 11.8

130 23.2 18.0 27.0



#20

3+4-Methylphenols

Concen: 58.010 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Tgt Ion:107 Resp: 341788

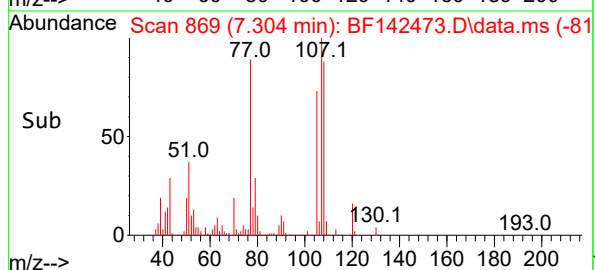
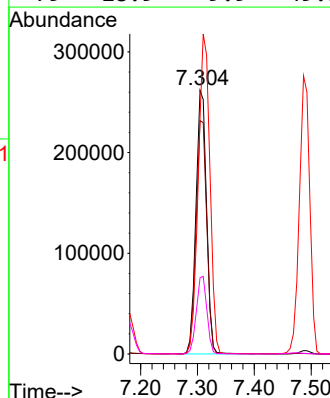
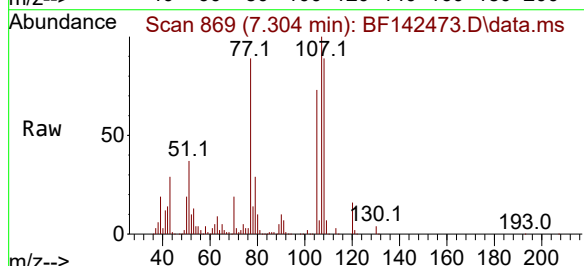
Ion Ratio Lower Upper

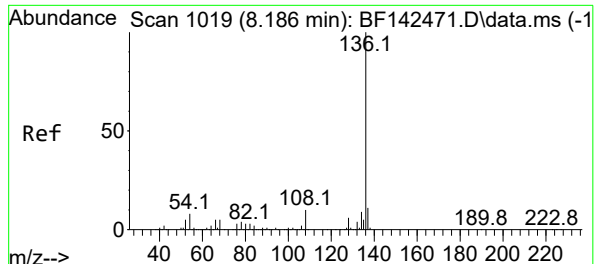
107 100

108 88.5 70.4 110.4

77 89.5 95.4 135.4#

79 28.9 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 354160

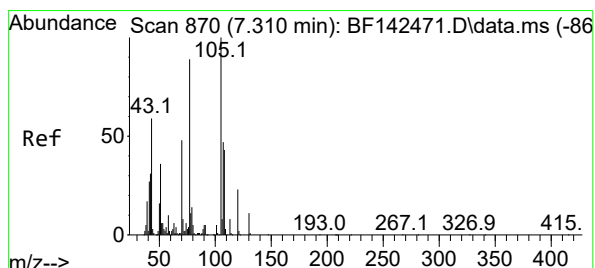
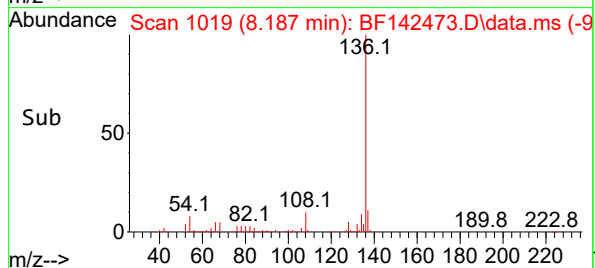
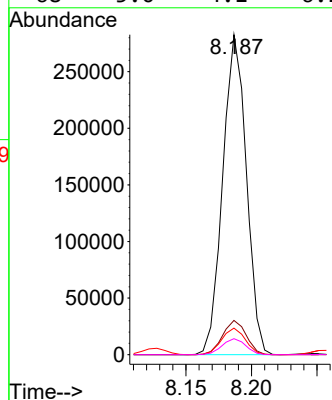
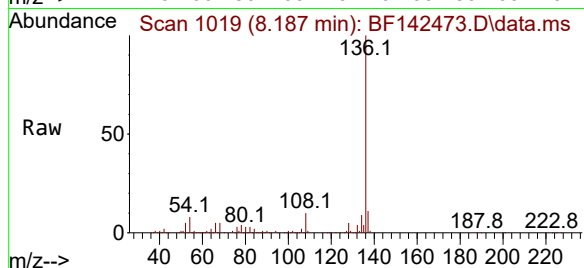
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.3 6.6 10.0

68 5.0 4.1 6.1



#22

Acetophenone

Concen: 57.937 ng

RT: 7.316 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Tgt Ion:105 Resp: 454226

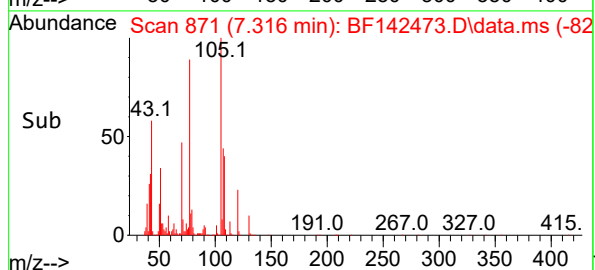
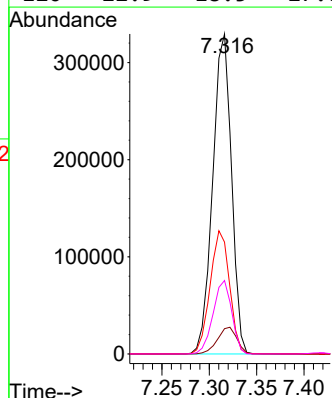
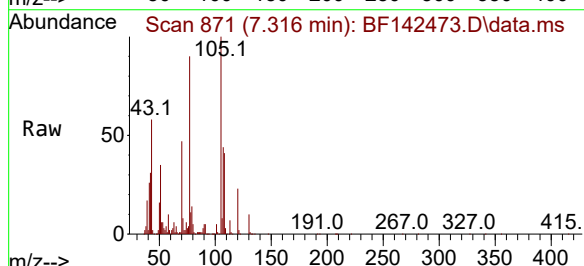
Ion Ratio Lower Upper

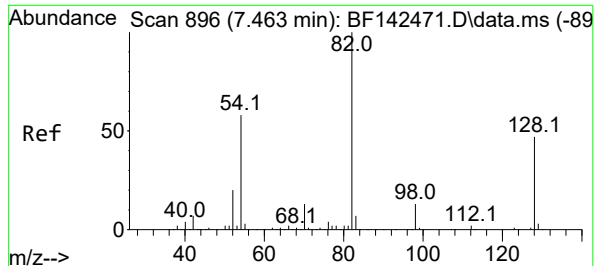
105 100

71 7.9 6.4 9.6

51 34.9 28.6 42.8

120 22.9 18.5 27.7

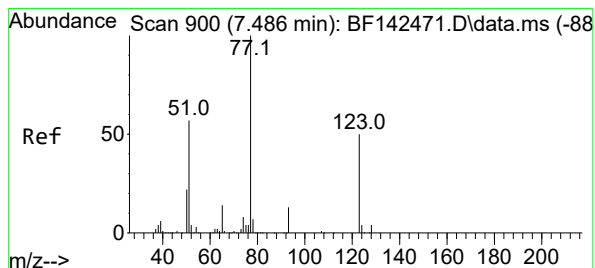
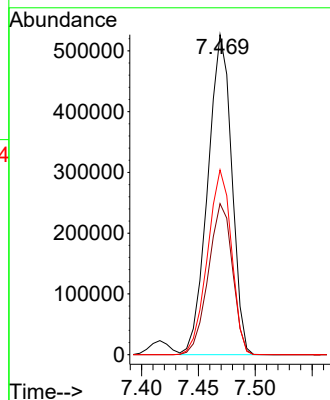
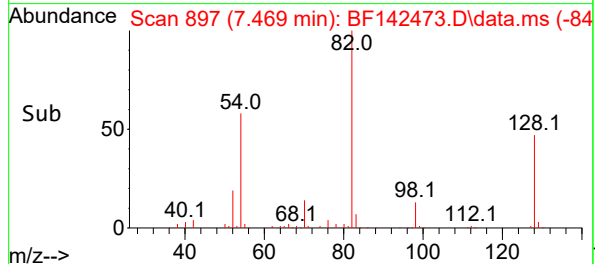
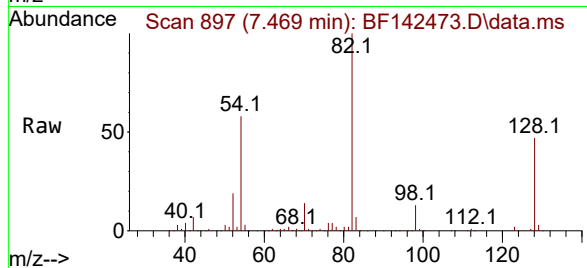




#23
Nitrobenzene-d5
Concen: 118.825 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

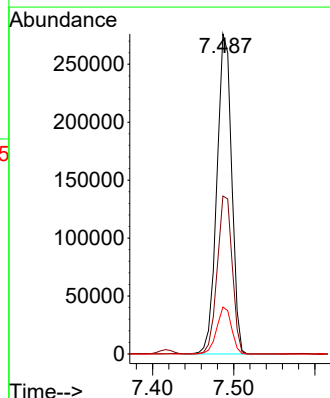
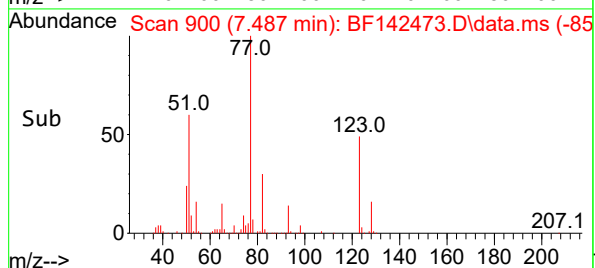
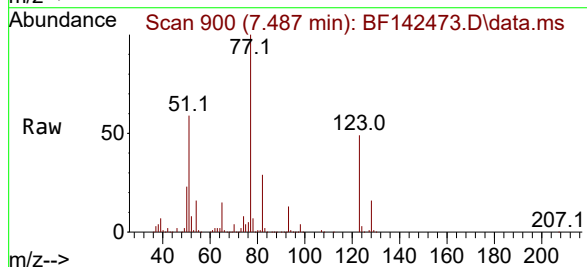
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

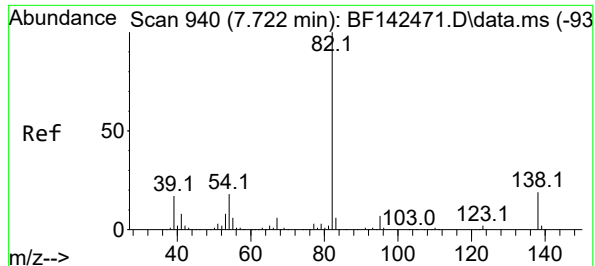
Tgt Ion: 82 Resp: 771758
Ion Ratio Lower Upper
82 100
128 47.2 37.4 56.2
54 57.7 46.6 70.0



#24
Nitrobenzene
Concen: 59.984 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 77 Resp: 351378
Ion Ratio Lower Upper
77 100
123 49.4 40.6 61.0
65 14.7 11.4 17.2





#25

Isophorone

Concen: 59.381 ng

RT: 7.728 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

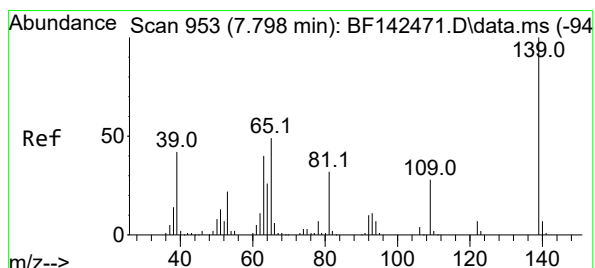
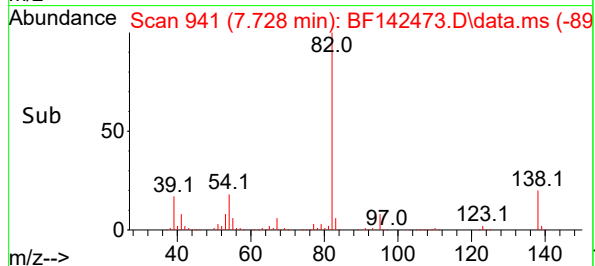
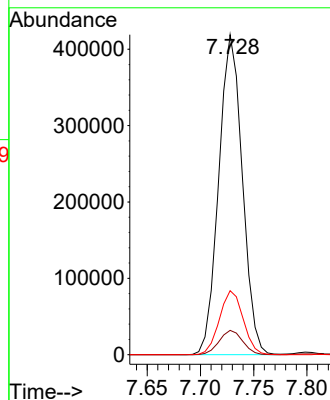
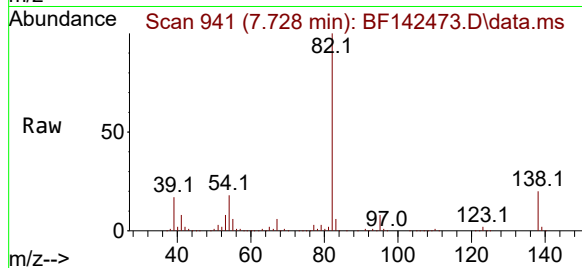
Tgt Ion: 82 Resp: 644818

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 20.0 15.5 23.3



#26

2-Nitrophenol

Concen: 61.872 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

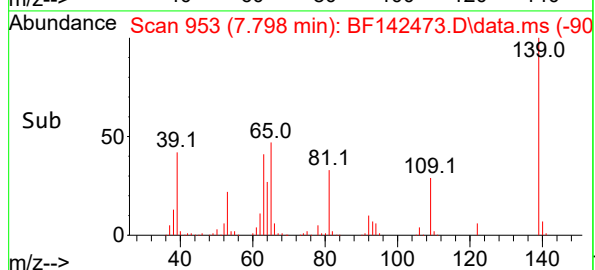
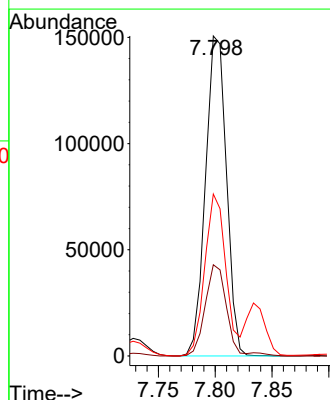
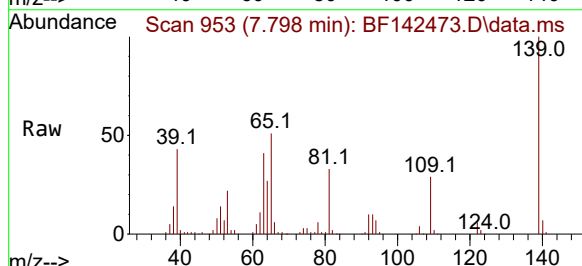
Tgt Ion:139 Resp: 193662

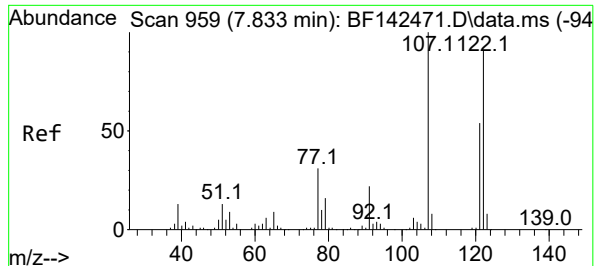
Ion Ratio Lower Upper

139 100

109 28.5 22.6 33.8

65 50.6 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 59.994 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

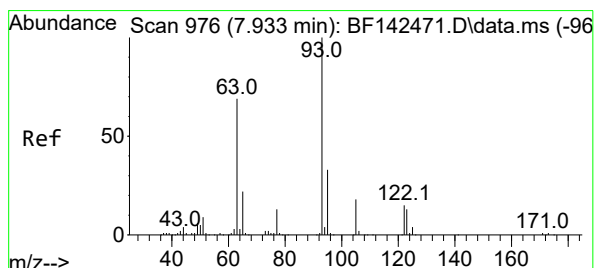
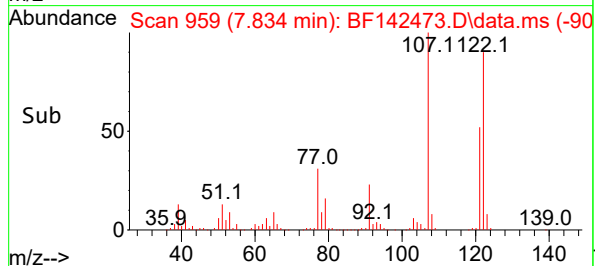
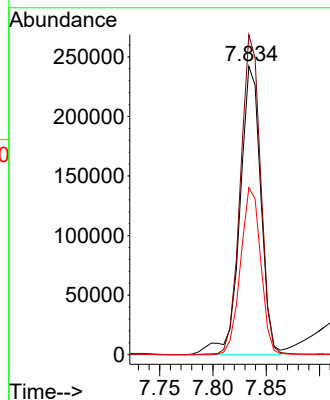
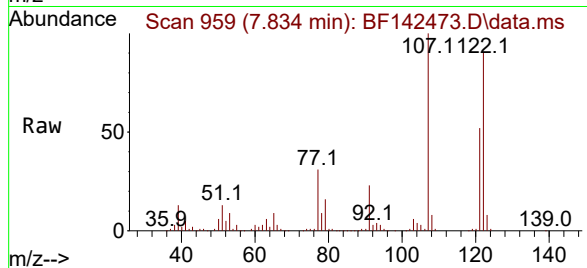
Tgt Ion:122 Resp: 331159

Ion Ratio Lower Upper

122 100

107 111.0 88.1 132.1

121 57.9 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 58.699 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

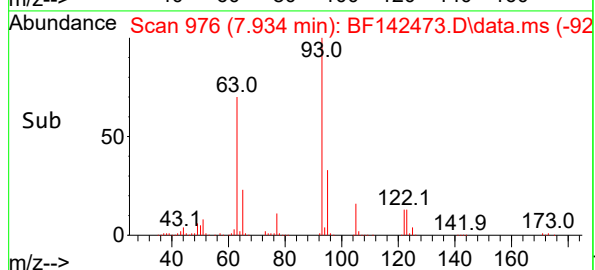
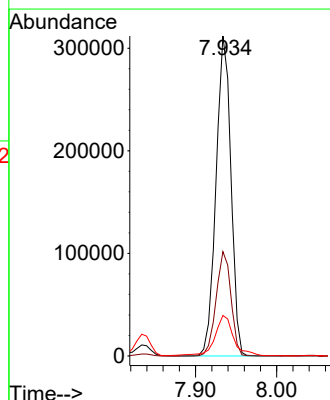
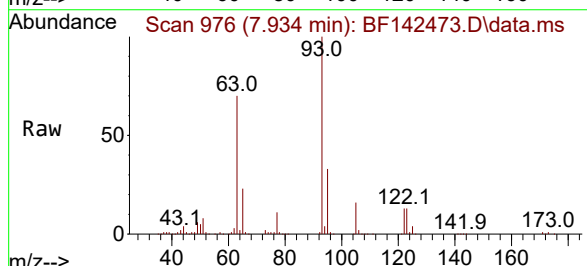
Tgt Ion: 93 Resp: 398177

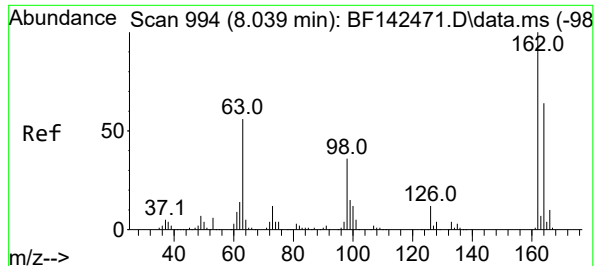
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.7 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 59.913 ng

RT: 8.045 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

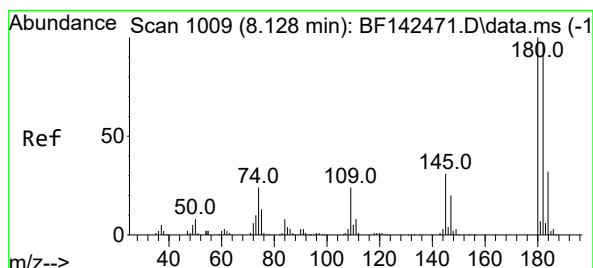
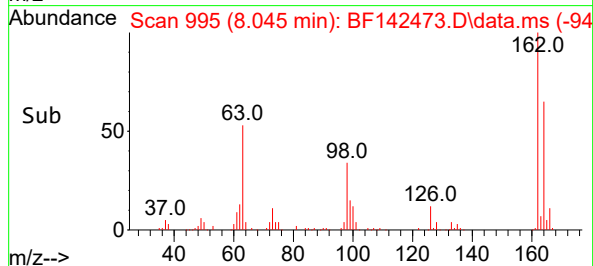
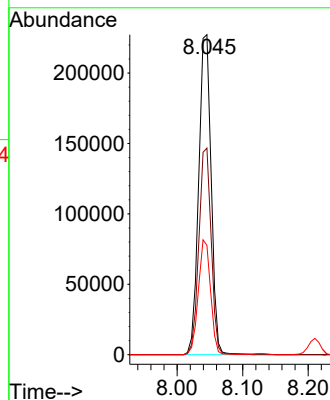
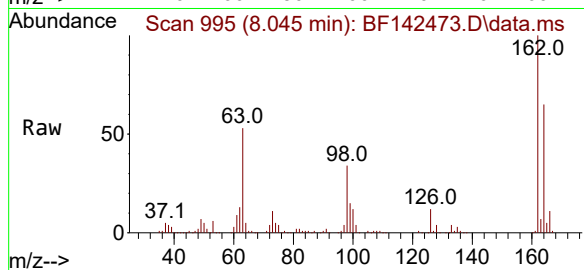
Tgt Ion:162 Resp: 300754

Ion Ratio Lower Upper

162 100

164 64.6 43.7 83.7

98 34.1 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 58.460 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

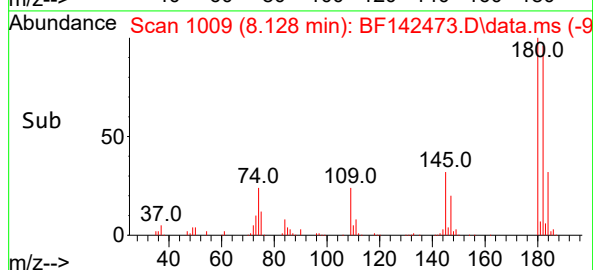
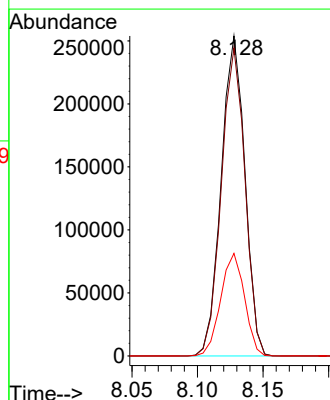
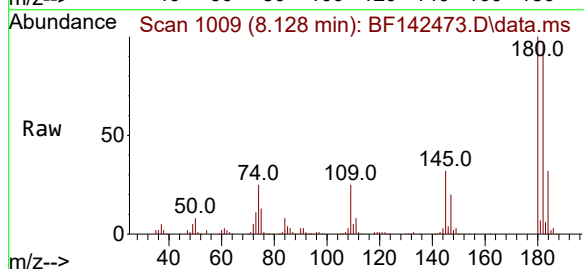
Tgt Ion:180 Resp: 318487

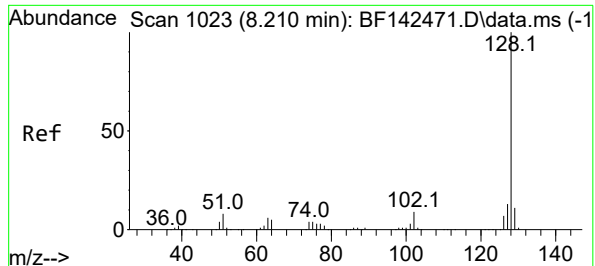
Ion Ratio Lower Upper

180 100

182 96.2 78.0 117.0

145 32.0 25.0 37.6





#31

Naphthalene

Concen: 58.085 ng

RT: 8.210 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

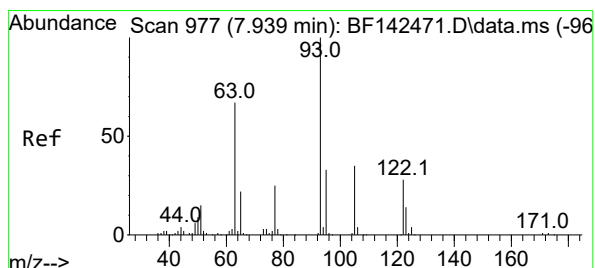
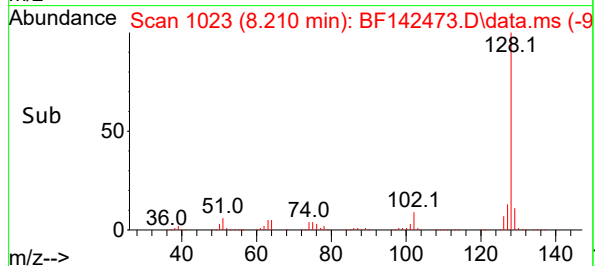
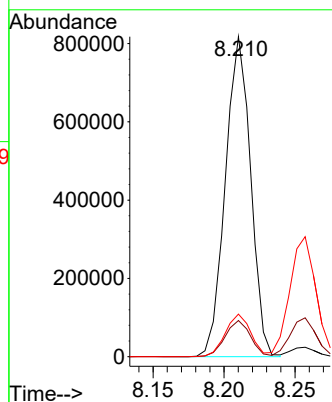
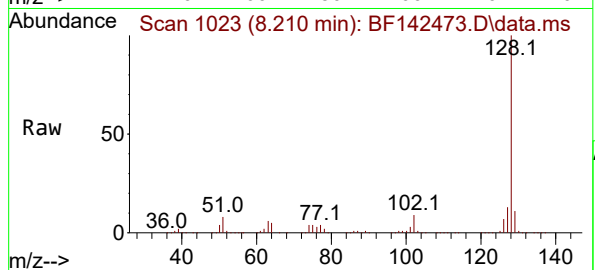
Tgt Ion:128 Resp: 1012926

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 66.059 ng

RT: 7.957 min Scan# 980

Delta R.T. -0.018 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

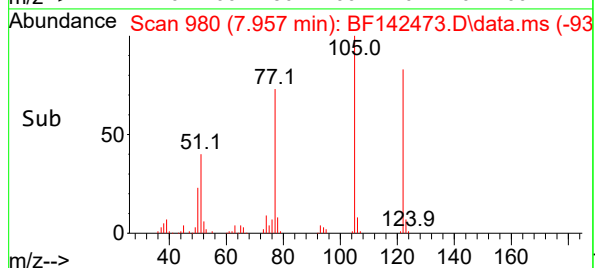
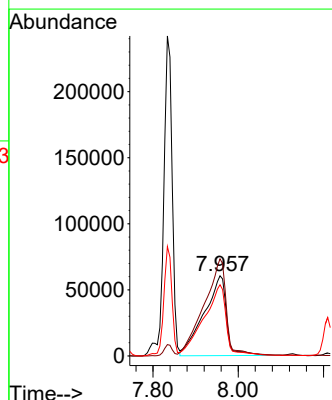
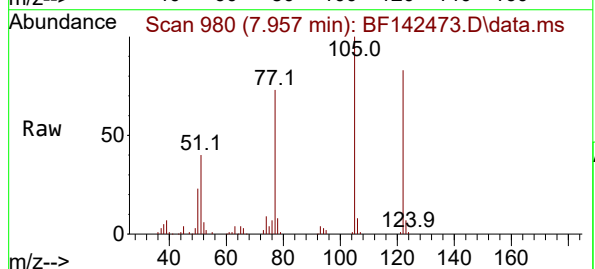
Tgt Ion:122 Resp: 221962

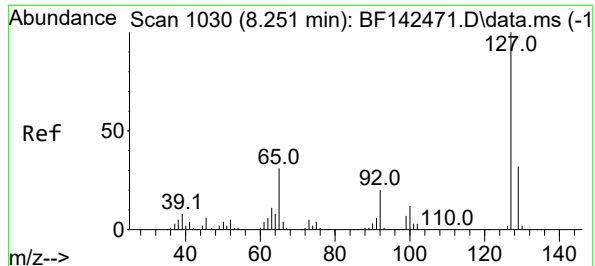
Ion Ratio Lower Upper

122 100

105 121.2 101.7 141.7

77 88.9 69.5 109.5





#33

4-Chloroaniline

Concen: 59.619 ng

RT: 8.257 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 421281

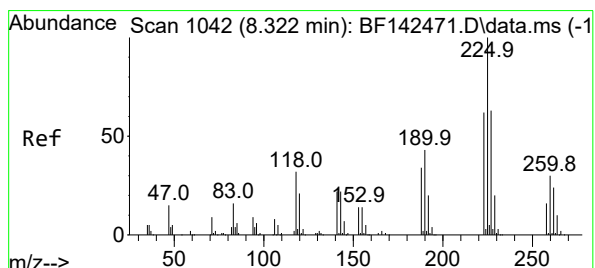
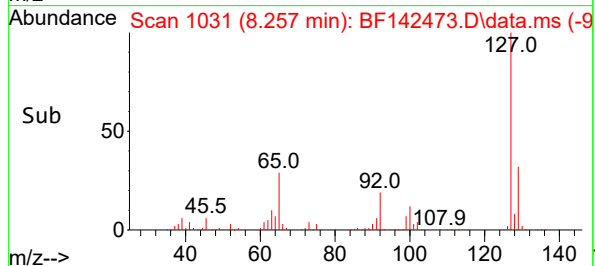
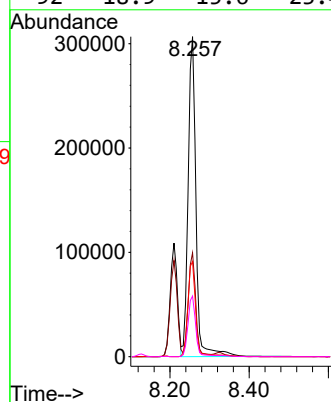
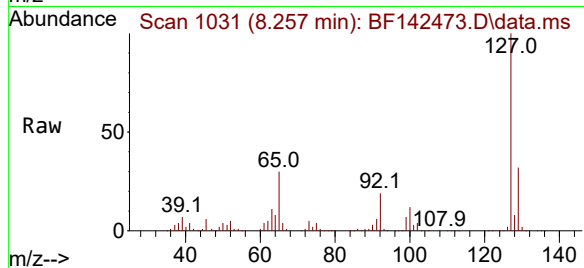
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 29.7 24.9 37.3

92 18.9 15.6 23.4



#34

Hexachlorobutadiene

Concen: 59.831 ng

RT: 8.328 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

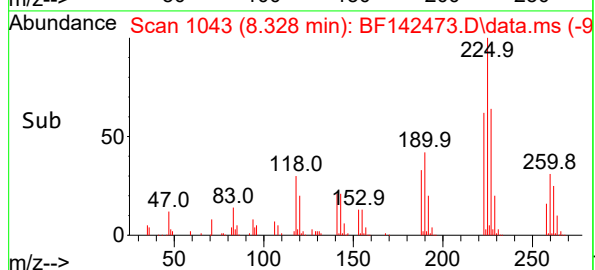
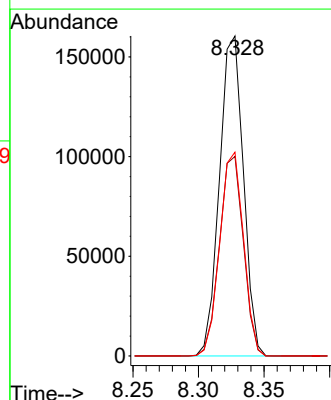
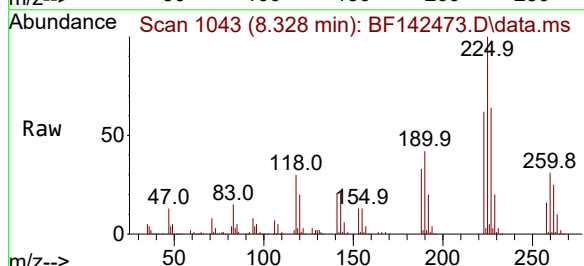
Tgt Ion:225 Resp: 203527

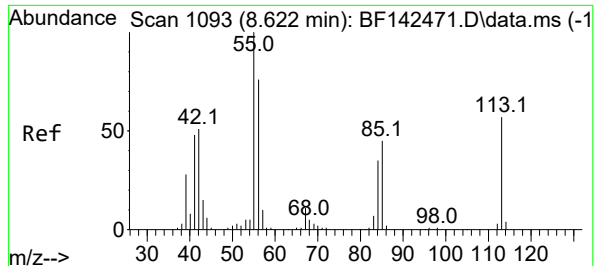
Ion Ratio Lower Upper

225 100

223 62.4 49.7 74.5

227 63.7 50.3 75.5





#35

Caprolactam

Concen: 58.650 ng

RT: 8.634 min Scan# 1095

Delta R.T. -0.012 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

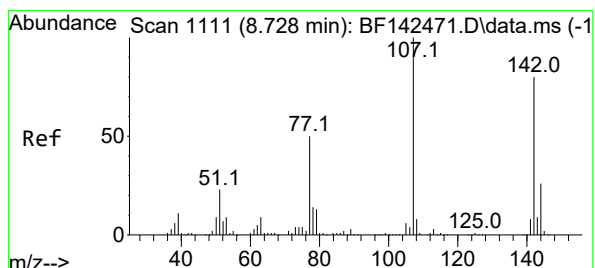
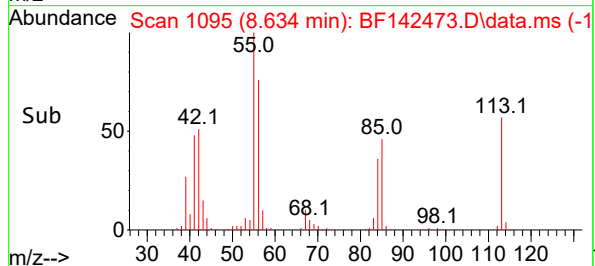
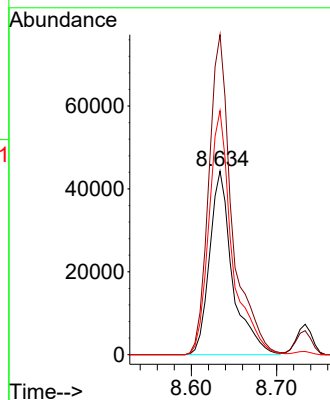
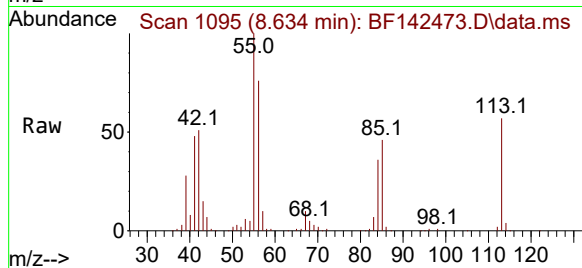
Tgt Ion:113 Resp: 82688

Ion Ratio Lower Upper

113 100

55 174.4 154.7 194.7

56 133.0 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 59.352 ng

RT: 8.734 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

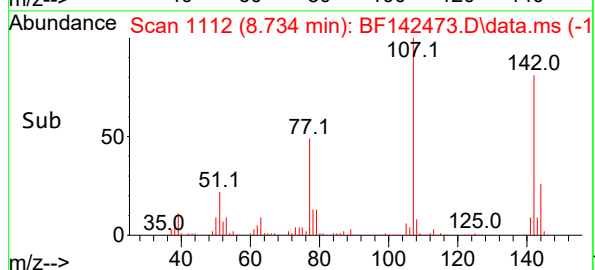
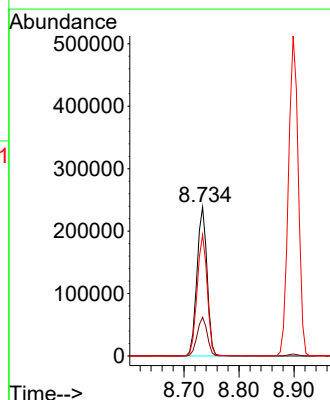
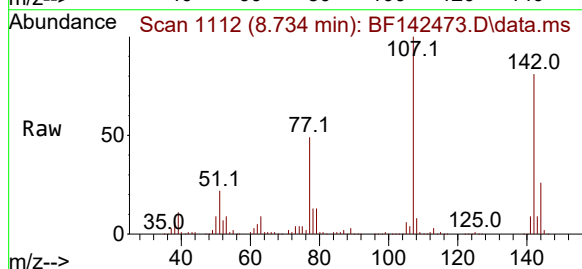
Tgt Ion:107 Resp: 305341

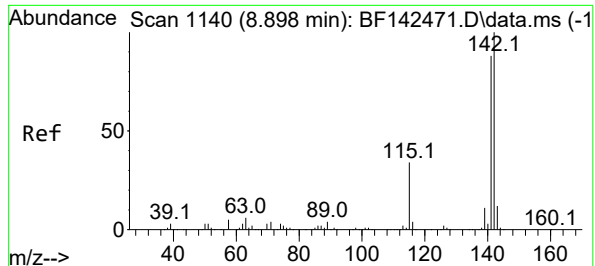
Ion Ratio Lower Upper

107 100

144 26.0 20.9 31.3

142 81.3 64.2 96.2

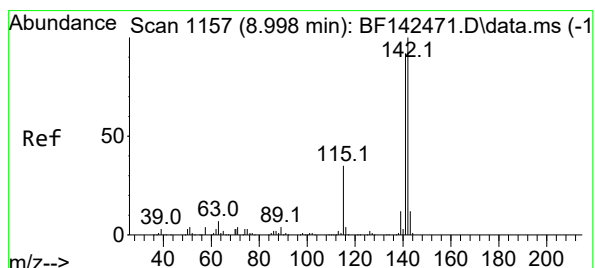
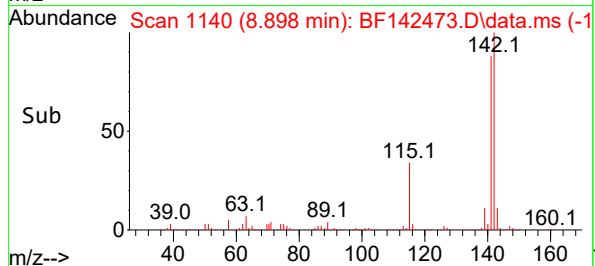
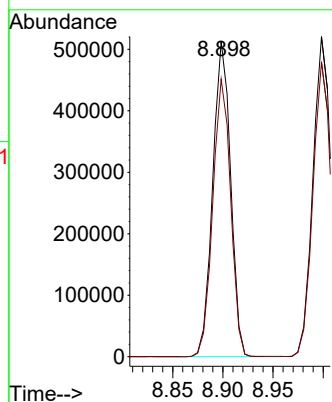
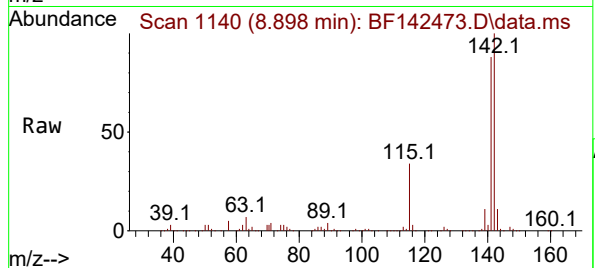




#37
2-Methylnaphthalene
Concen: 57.893 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

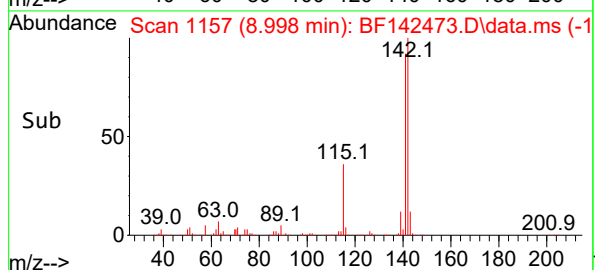
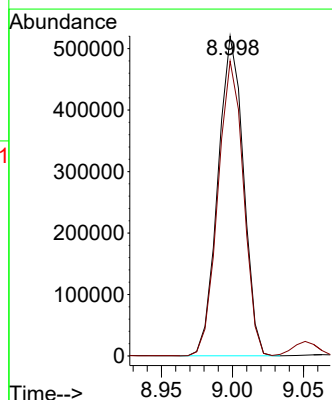
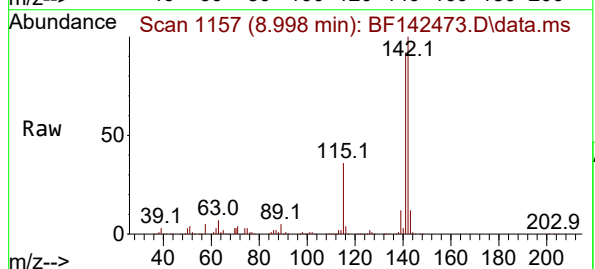
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

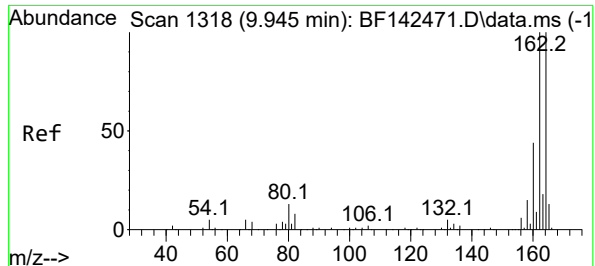
Tgt Ion:142 Resp: 635148
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1



#38
1-Methylnaphthalene
Concen: 57.247 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:142 Resp: 649652
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

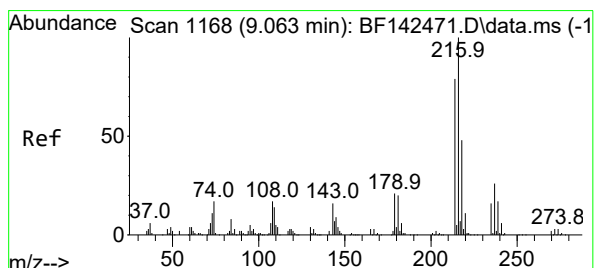
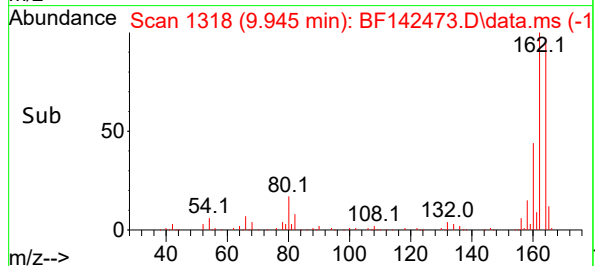
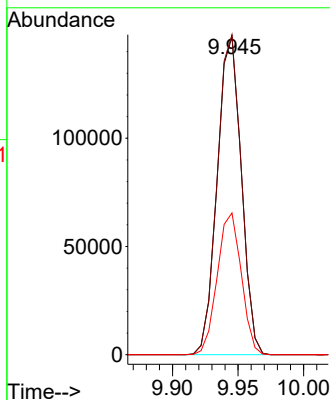
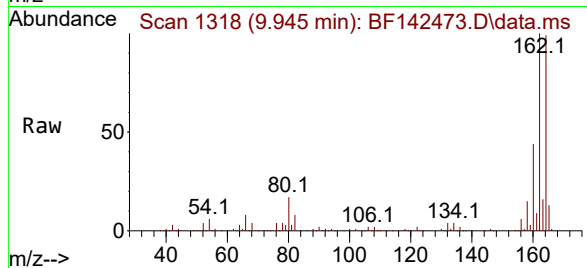
Tgt Ion:164 Resp: 187285

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.4

160 44.6 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.844 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Tgt Ion:216 Resp: 321732

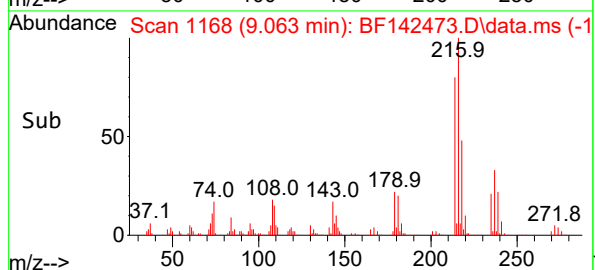
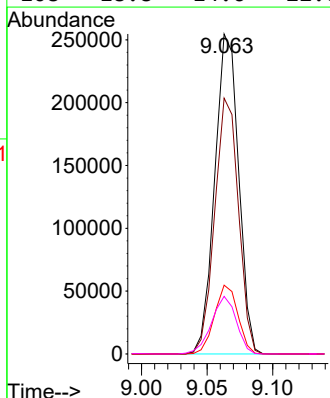
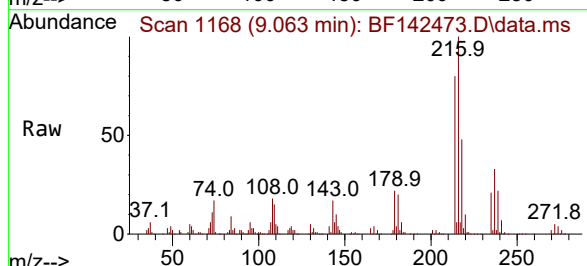
Ion Ratio Lower Upper

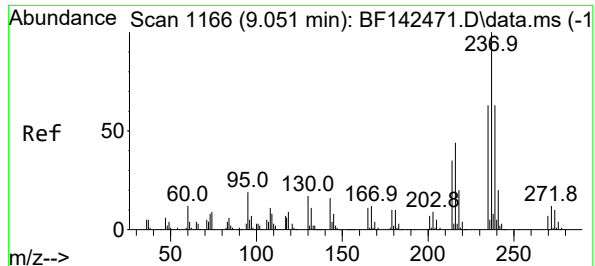
216 100

214 79.5 62.9 94.3

179 21.1 16.9 25.3

108 18.8 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 65.820 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

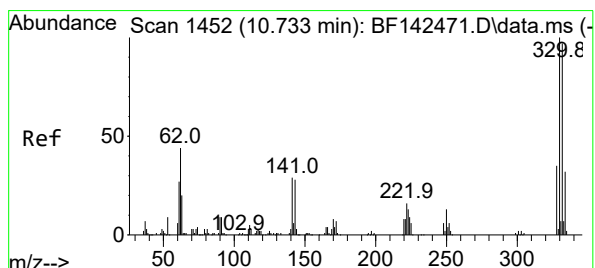
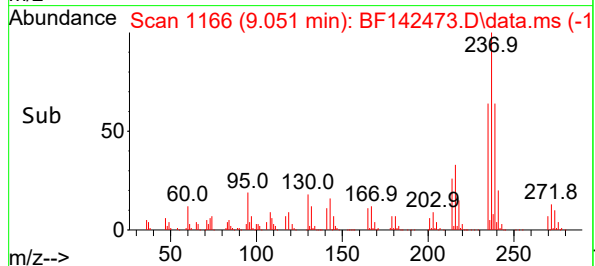
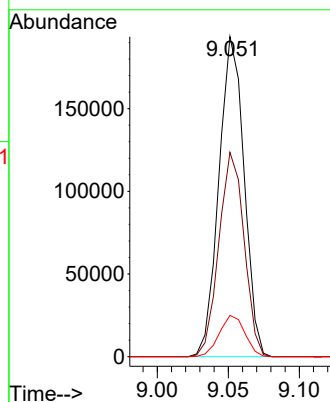
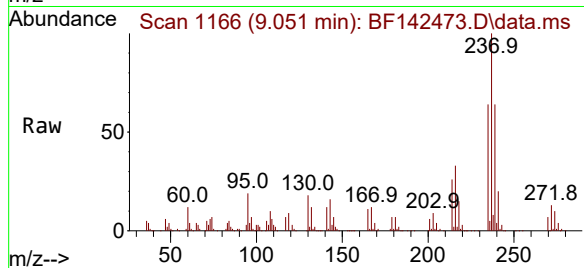
Tgt Ion:237 Resp: 238708

Ion Ratio Lower Upper

237 100

235 63.9 43.3 83.3

272 12.9 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 117.621 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

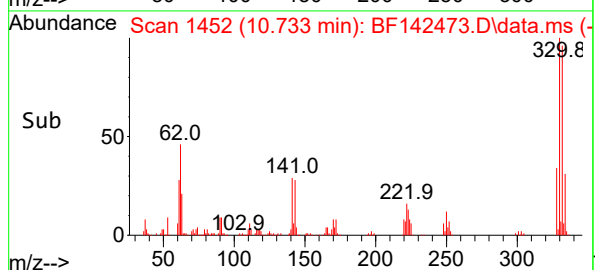
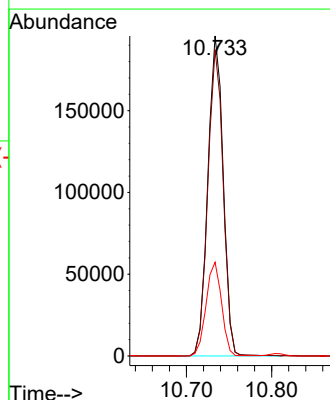
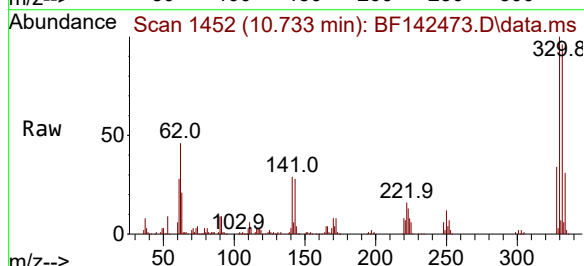
Tgt Ion:330 Resp: 244491

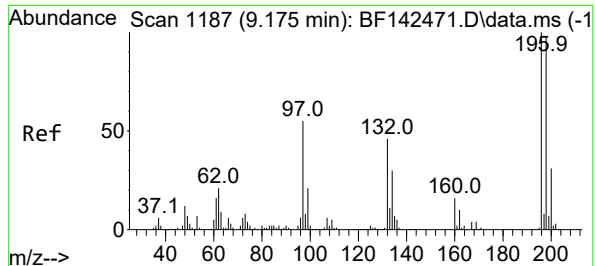
Ion Ratio Lower Upper

330 100

332 95.7 77.6 116.4

141 29.6 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 60.098 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

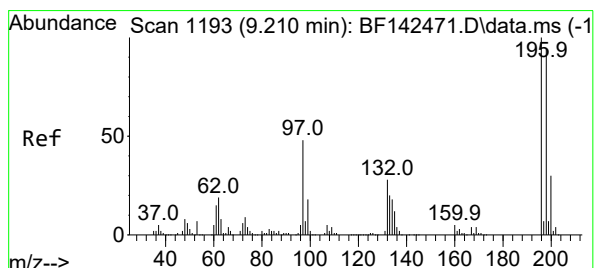
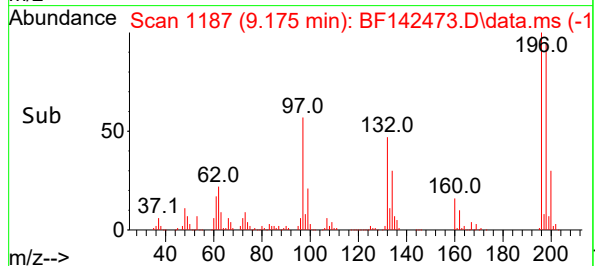
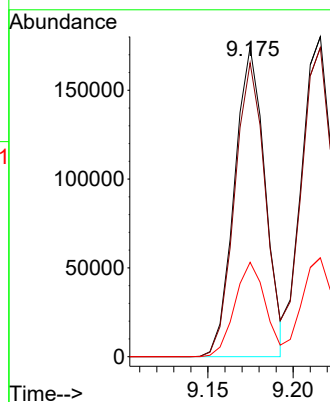
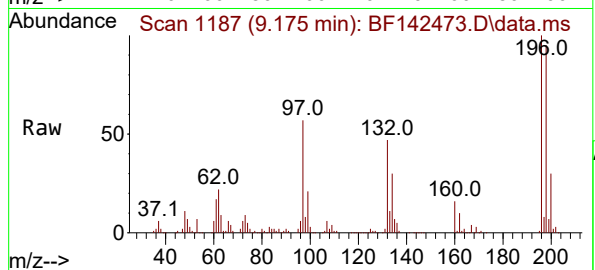
Tgt Ion:196 Resp: 217868

Ion Ratio Lower Upper

196 100

198 94.9 78.8 118.2

200 30.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 59.916 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Tgt Ion:196 Resp: 229079

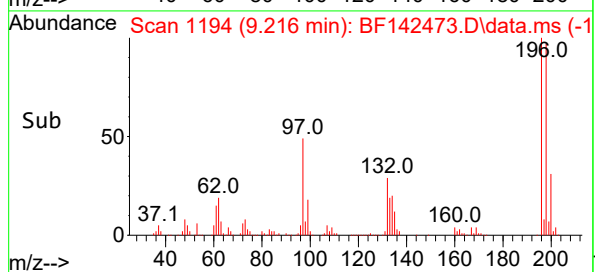
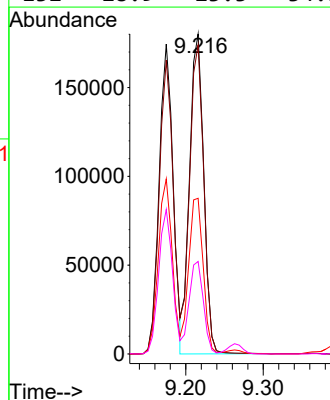
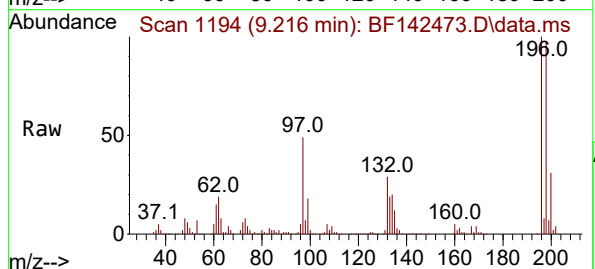
Ion Ratio Lower Upper

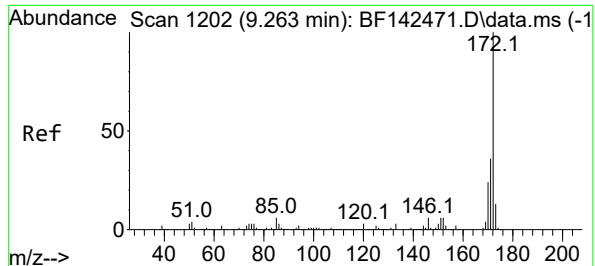
196 100

198 96.6 75.5 113.3

97 48.6 39.3 58.9

132 28.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 112.426 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

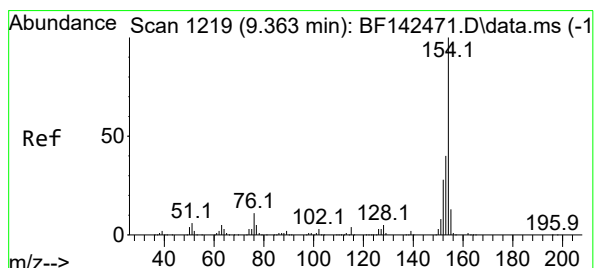
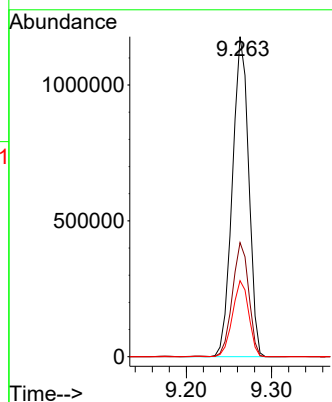
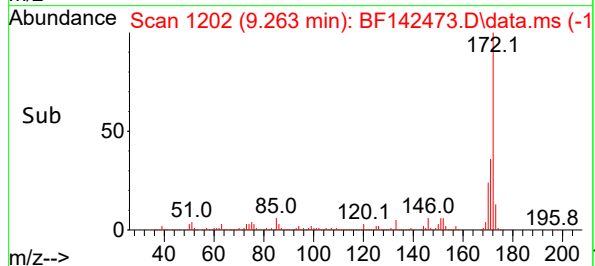
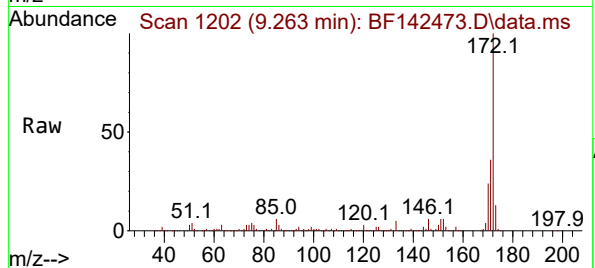
Tgt Ion:172 Resp: 1569136

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 58.279 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

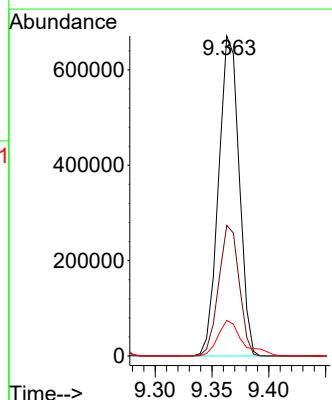
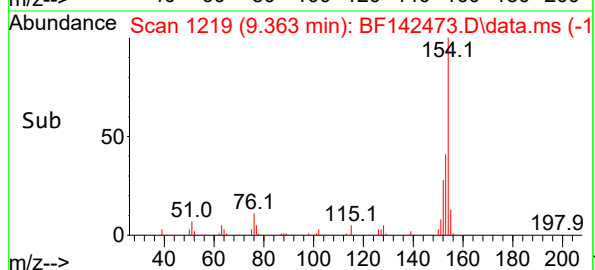
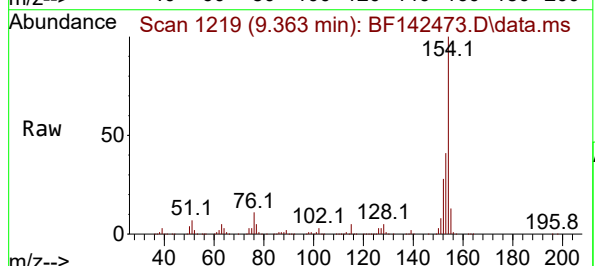
Tgt Ion:154 Resp: 846783

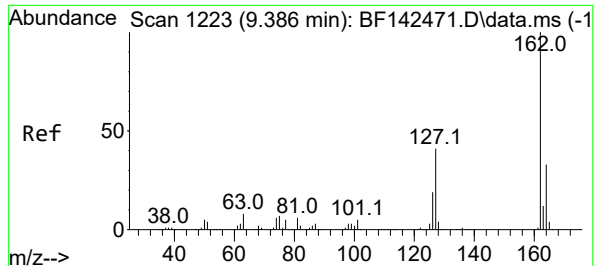
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 58.746 ng

RT: 9.392 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF142473.D

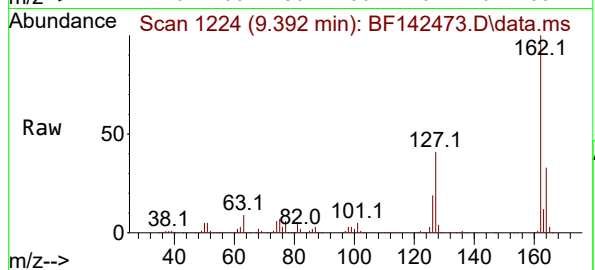
Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



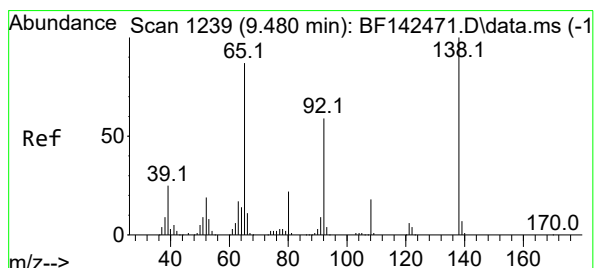
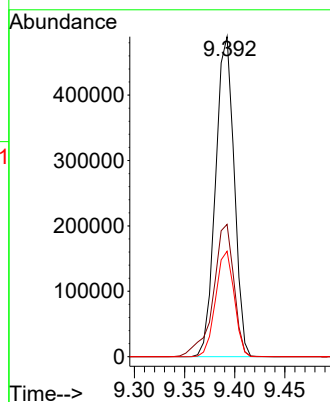
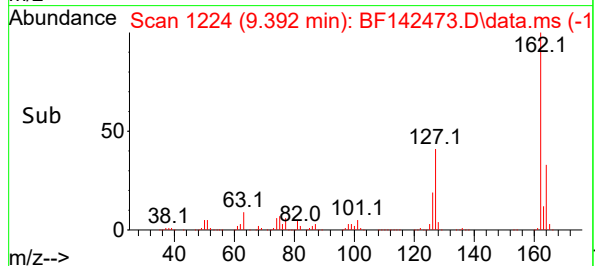
Tgt Ion:162 Resp: 630647

Ion Ratio Lower Upper

162 100

127 41.3 33.5 50.3

164 33.0 26.1 39.1



#48

2-Nitroaniline

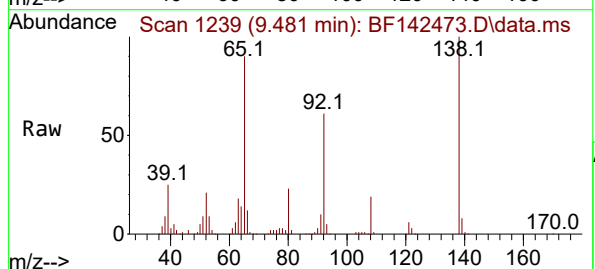
Concen: 60.093 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.005 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03



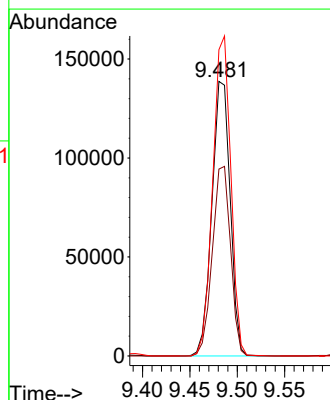
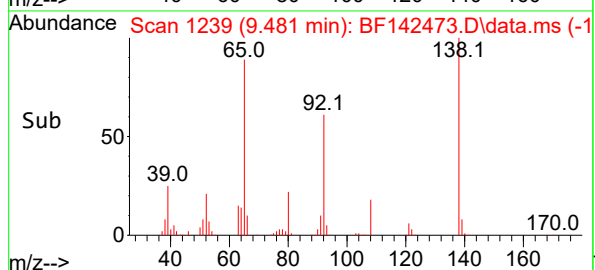
Tgt Ion: 65 Resp: 186466

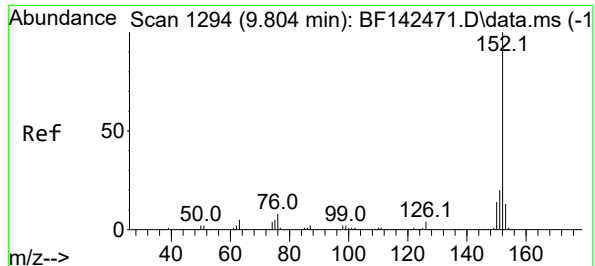
Ion Ratio Lower Upper

65 100

92 68.1 54.4 81.6

138 111.5 91.4 137.2





#49

Acenaphthylene

Concen: 58.411 ng

RT: 9.804 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF142473.D

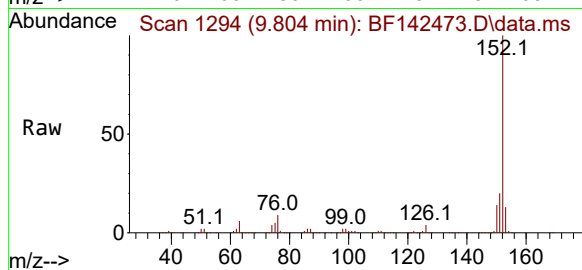
Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



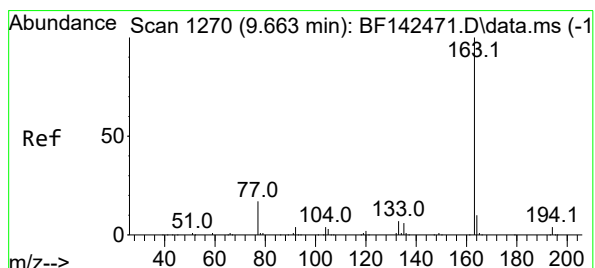
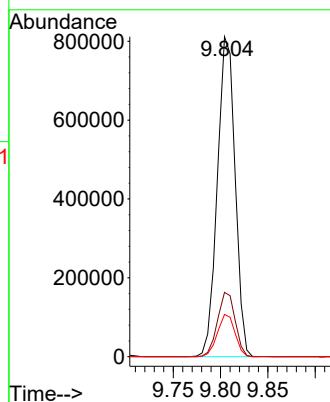
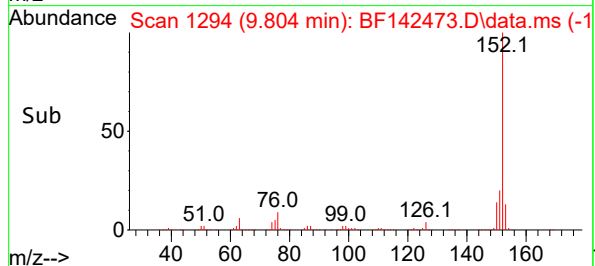
Tgt Ion:152 Resp: 1058826

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

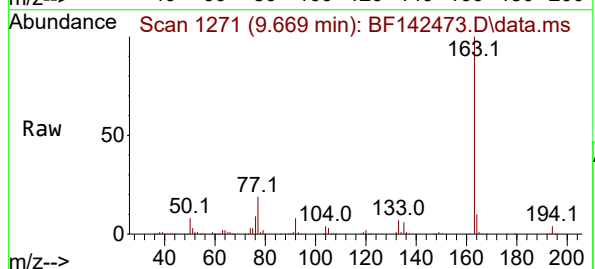
Concen: 57.119 ng

RT: 9.669 min Scan# 1271

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03



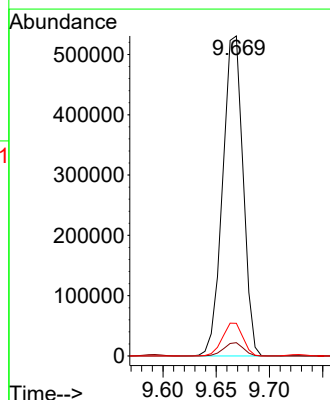
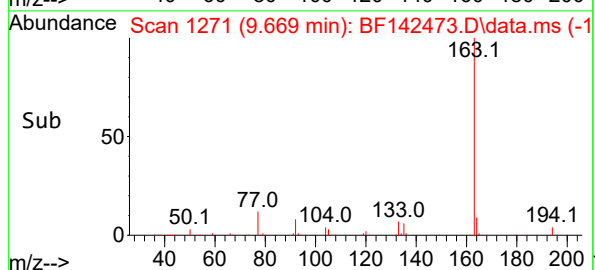
Tgt Ion:163 Resp: 705857

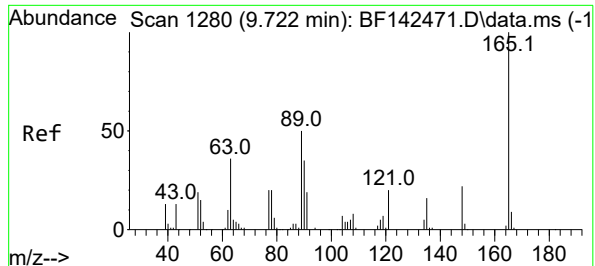
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 8.2 12.4

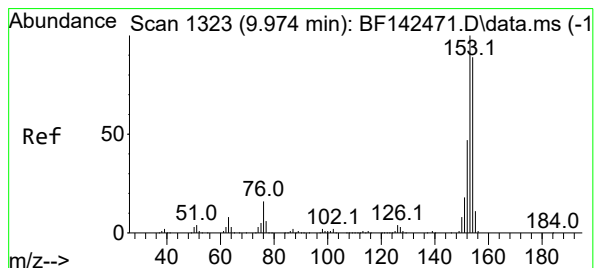
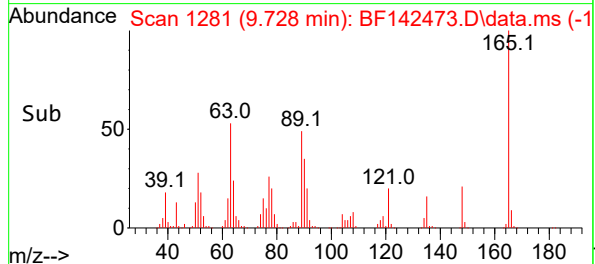
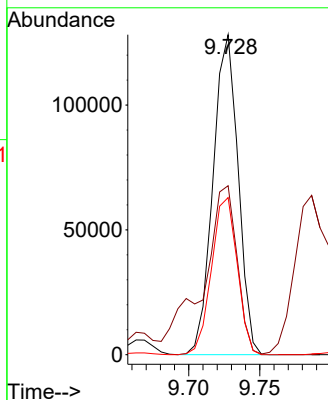
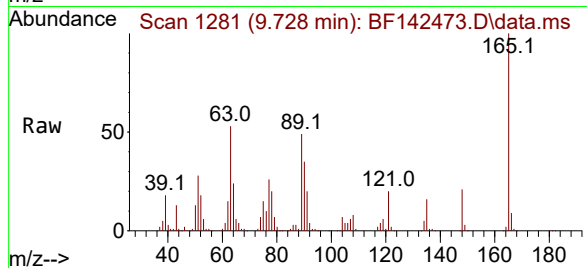




#51
2,6-Dinitrotoluene
Concen: 59.195 ng
RT: 9.728 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

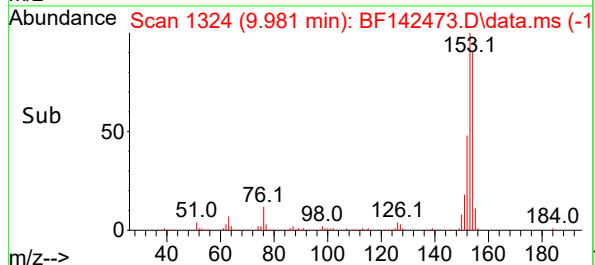
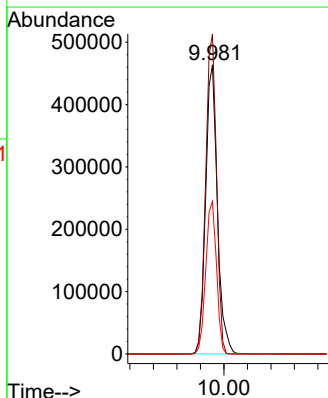
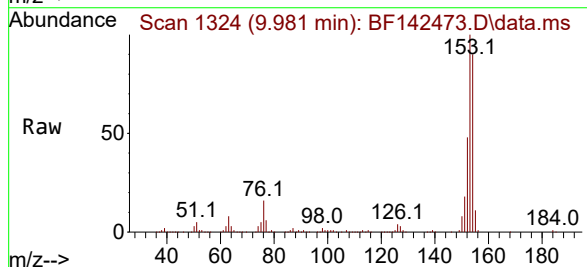
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

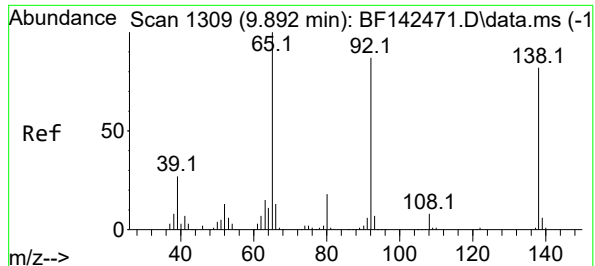
Tgt Ion:165 Resp: 157884
Ion Ratio Lower Upper
165 100
63 52.8 42.9 64.3
89 49.1 40.2 60.4



#52
Acenaphthene
Concen: 58.160 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:154 Resp: 643773
Ion Ratio Lower Upper
154 100
153 110.7 90.0 135.0
152 52.8 42.6 64.0

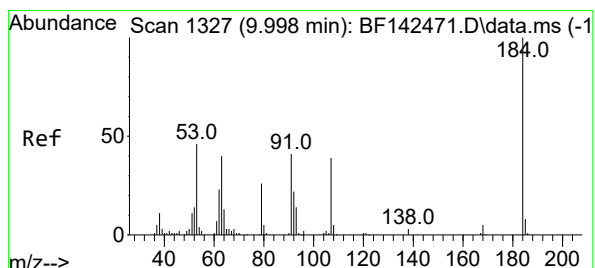
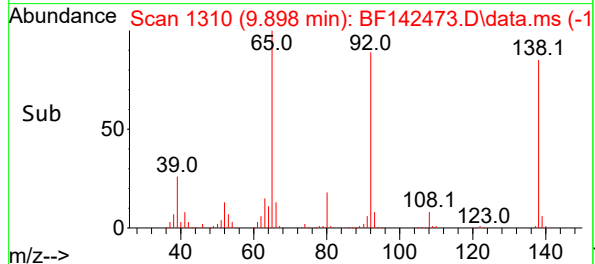
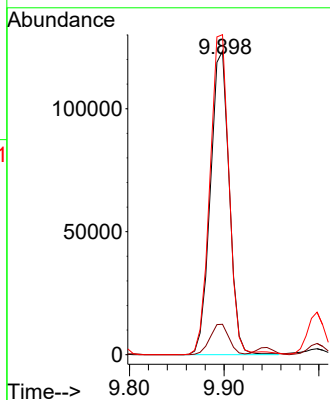
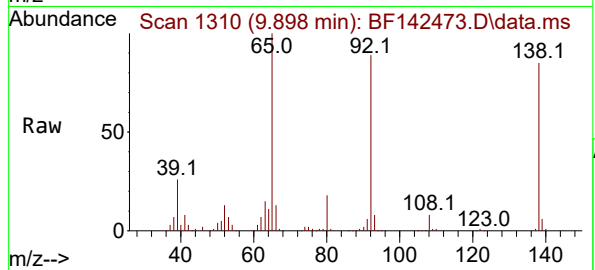




#53
3-Nitroaniline
Concen: 58.746 ng
RT: 9.898 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

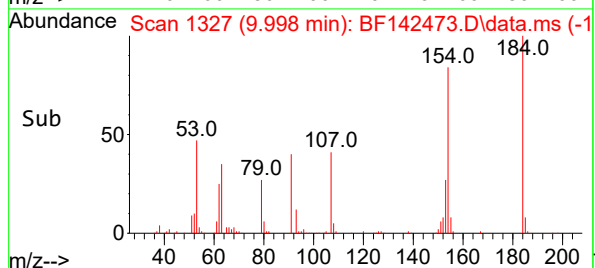
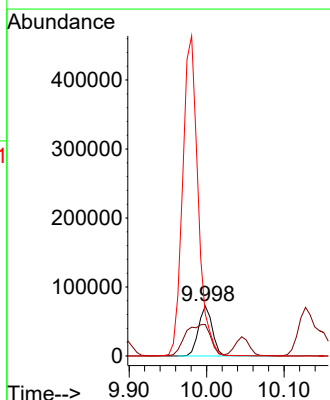
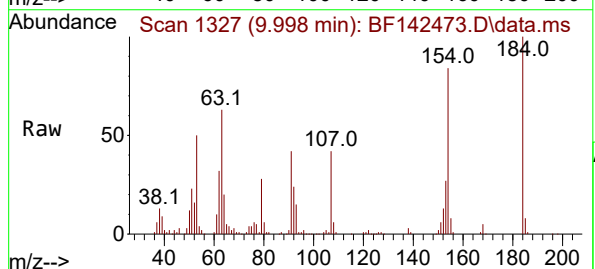
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

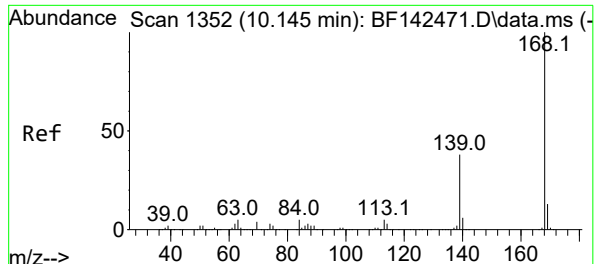
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.1	12.1
92	105.4	85.2	127.8



#54
2,4-Dinitrophenol
Concen: 65.126 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.3	46.3	69.5
154	84.0	56.8	85.2





#55

Dibenzofuran

Concen: 57.677 ng

RT: 10.151 min Scan# 1353

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

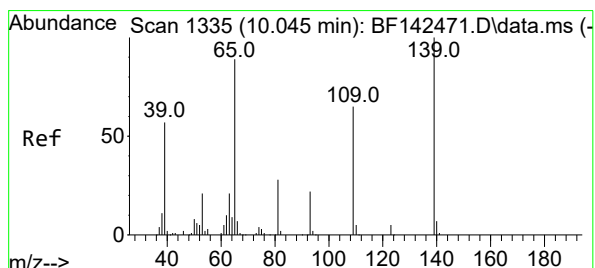
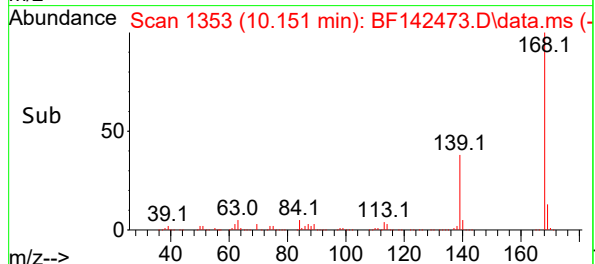
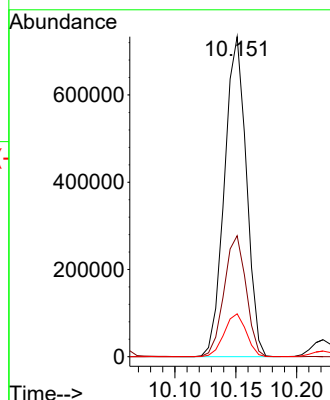
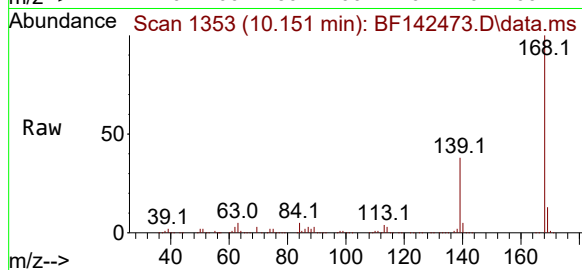
Tgt Ion:168 Resp: 918703

Ion Ratio Lower Upper

168 100

139 37.8 30.2 45.2

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 59.782 ng

RT: 10.045 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

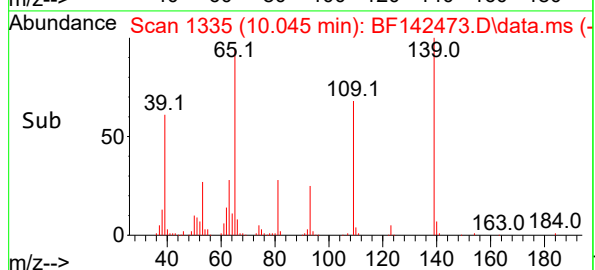
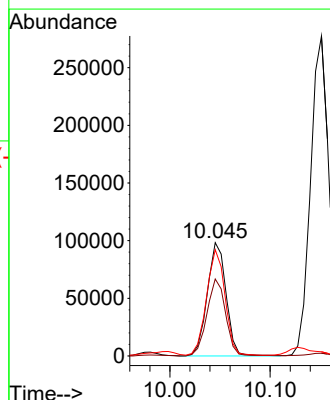
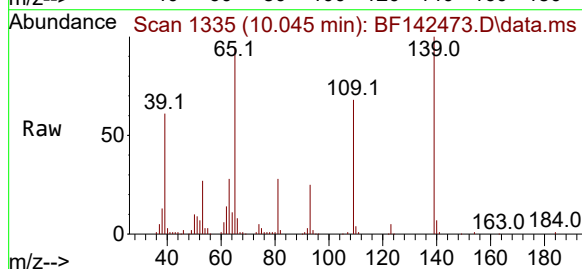
Tgt Ion:139 Resp: 128501

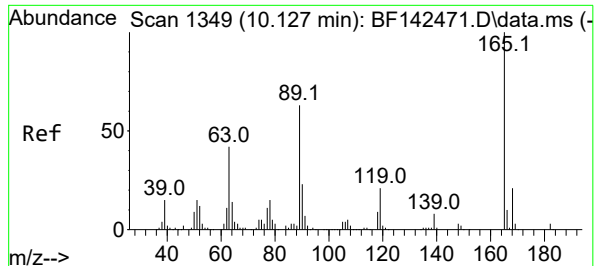
Ion Ratio Lower Upper

139 100

109 67.9 45.1 85.1

65 93.8 69.7 109.7

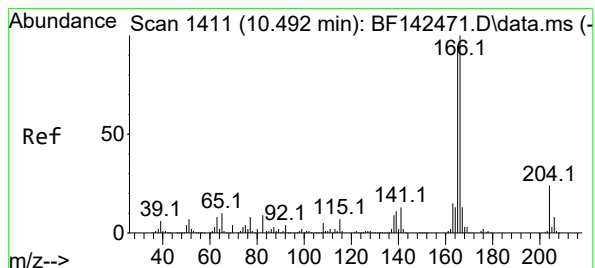
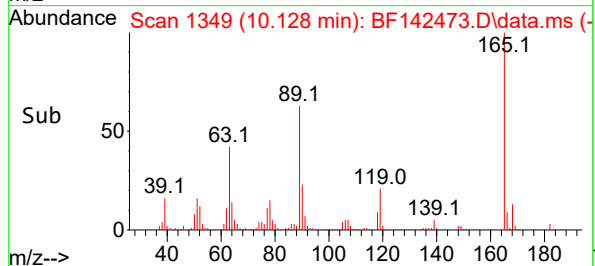
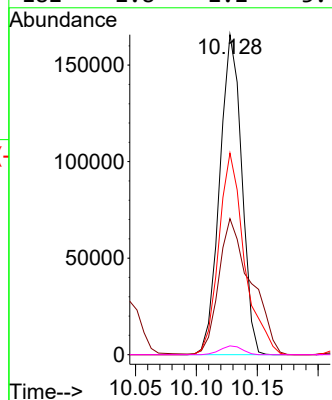
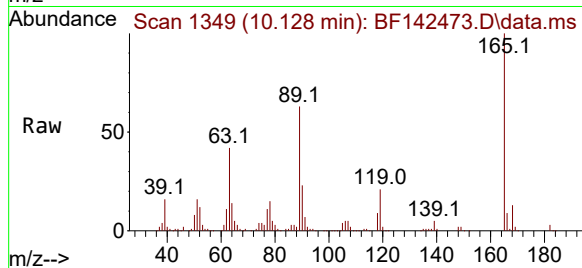




#57
2,4-Dinitrotoluene
Concen: 60.012 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

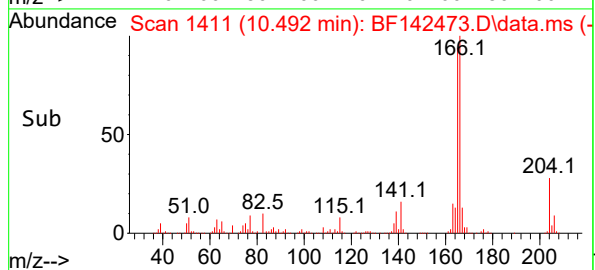
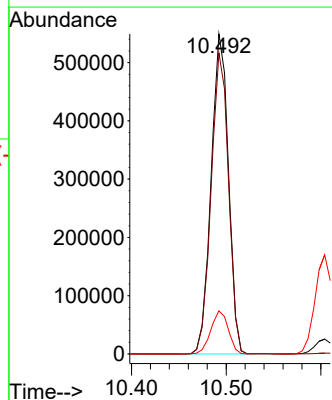
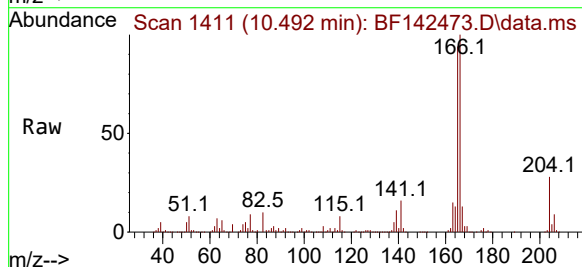
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

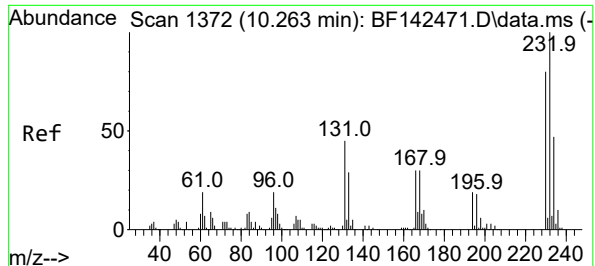
Tgt Ion:165 Resp: 209035
Ion Ratio Lower Upper
165 100
63 42.5 33.6 50.4
89 63.0 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 56.516 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:166 Resp: 695462
Ion Ratio Lower Upper
166 100
165 94.1 75.8 113.8
167 13.5 10.6 16.0

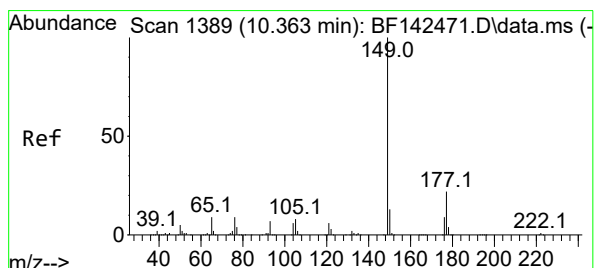
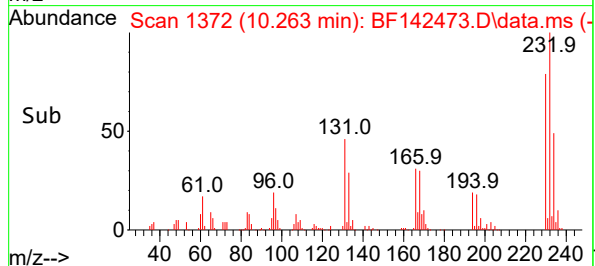
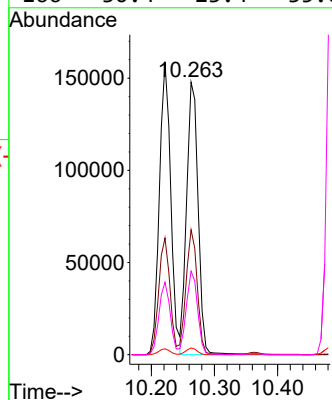
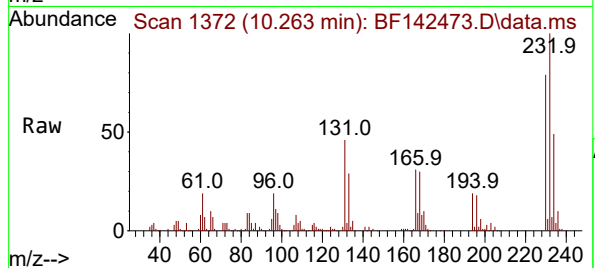




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.609 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

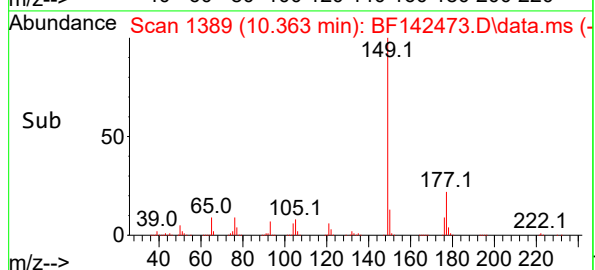
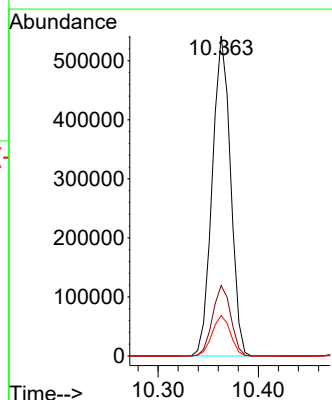
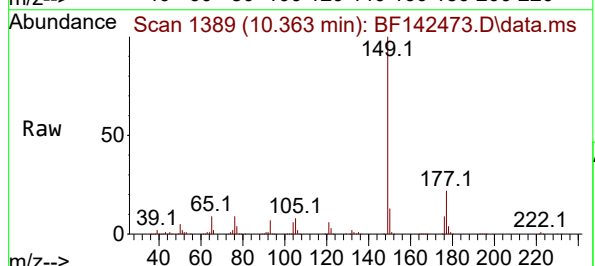
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

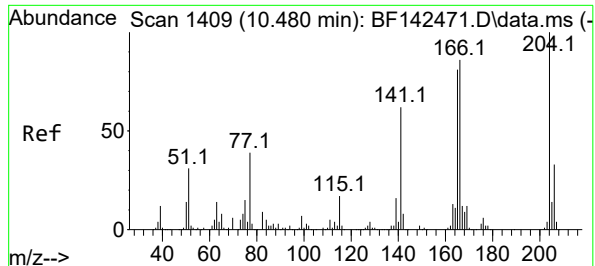
Tgt Ion:232 Resp: 187067
Ion Ratio Lower Upper
232 100
131 45.0 35.2 52.8
130 2.4 1.7 2.5
166 30.4 23.4 35.0



#60
Diethylphthalate
Concen: 56.695 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 684259
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.6 10.1 15.1

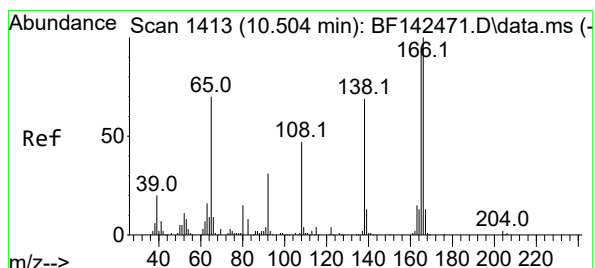
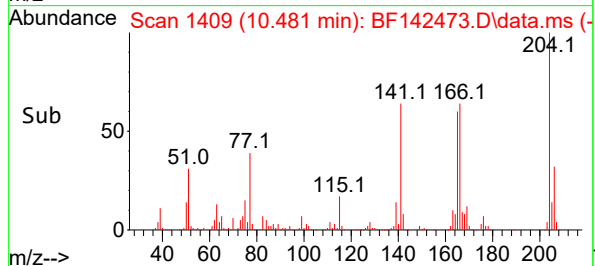
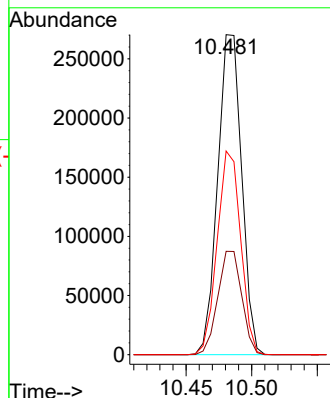
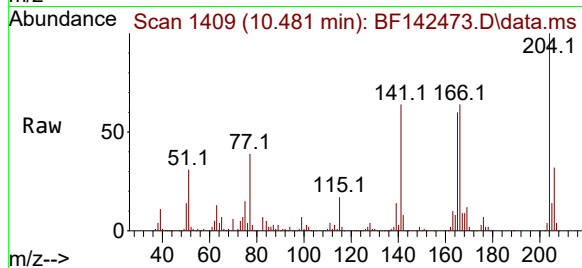




#61
4-Chlorophenyl-phenylether
Concen: 56.880 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

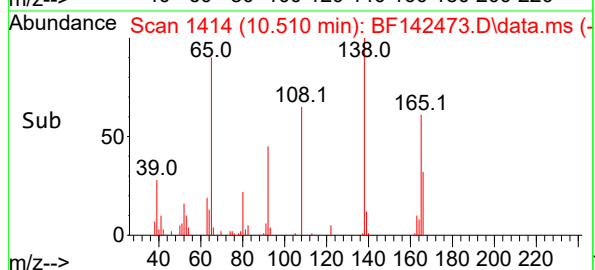
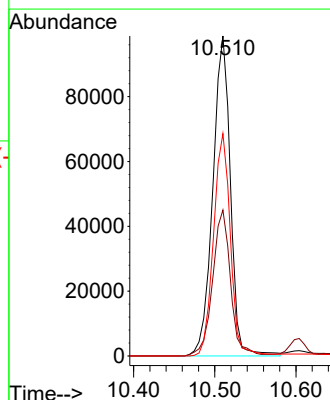
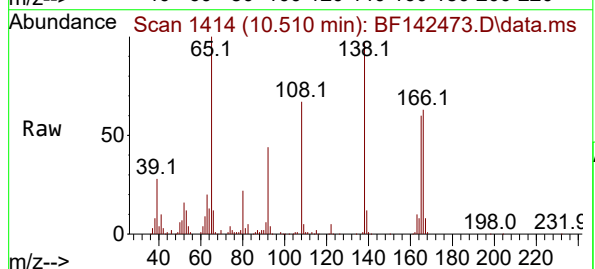
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

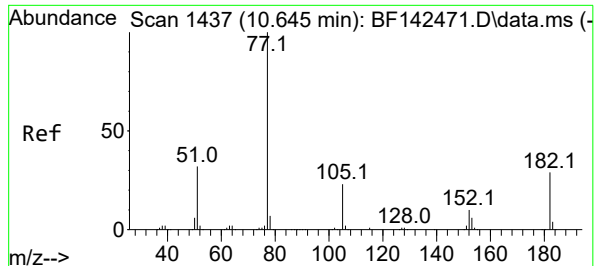
Tgt Ion:204 Resp: 343838
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 63.7 49.5 74.3



#62
4-Nitroaniline
Concen: 56.302 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:138 Resp: 148755
Ion Ratio Lower Upper
138 100
92 45.6 26.0 66.0
108 69.5 48.4 88.4

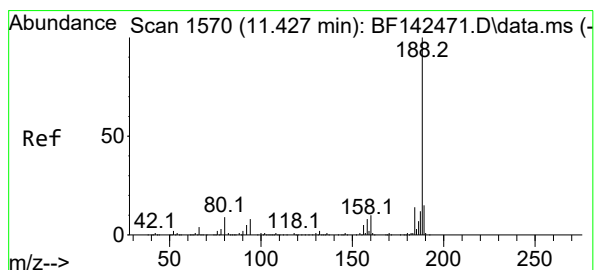
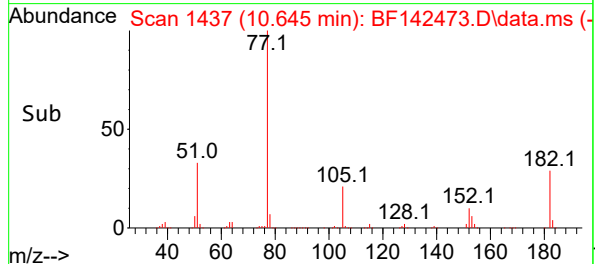
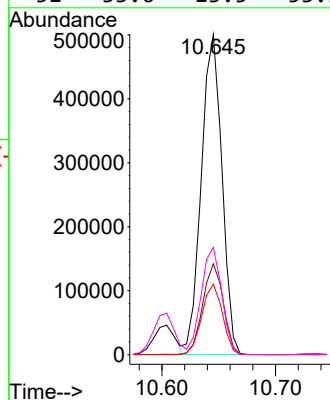
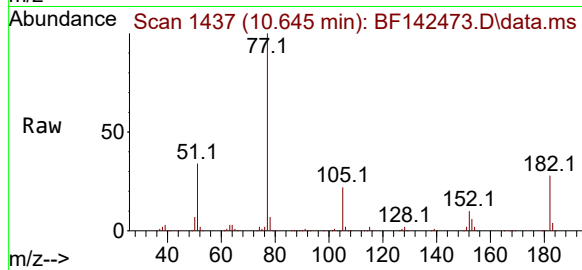




#63
Azobenzene
Concen: 58.221 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

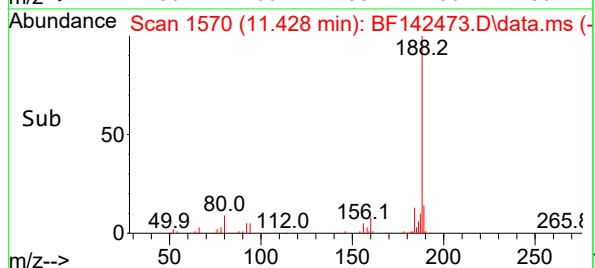
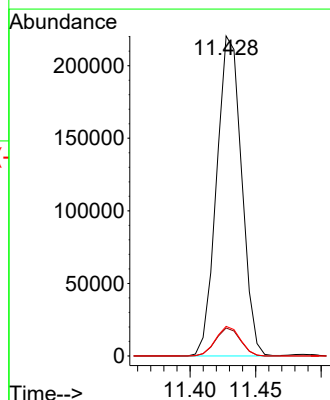
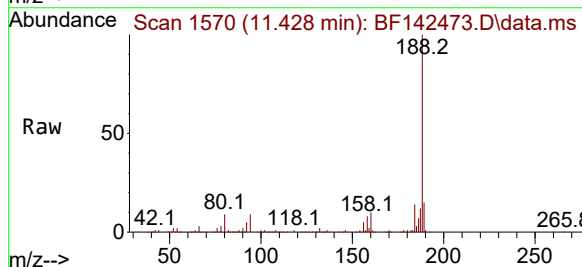
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

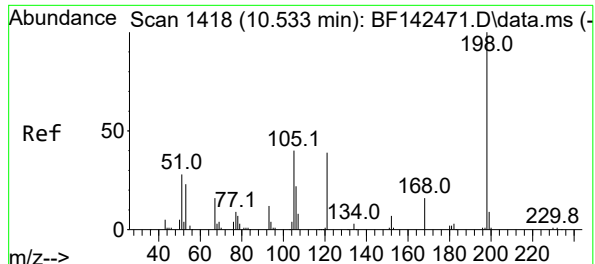
Tgt Ion: 77 Resp: 631137
Ion Ratio Lower Upper
77 100
182 28.4 9.0 49.0
105 22.1 2.4 42.4
51 33.6 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 188 Resp: 292190
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.2 7.4 11.0

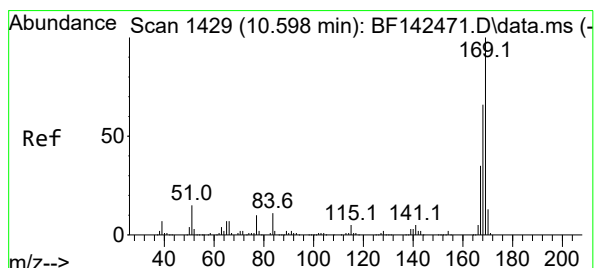
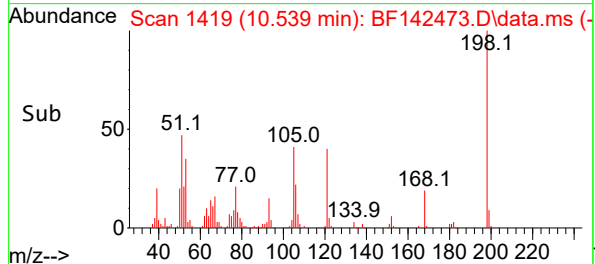
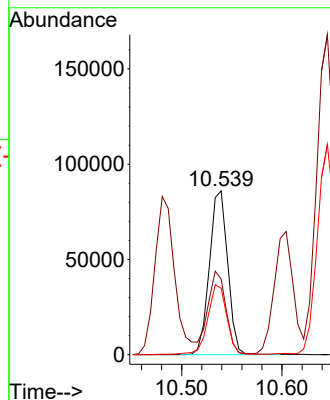
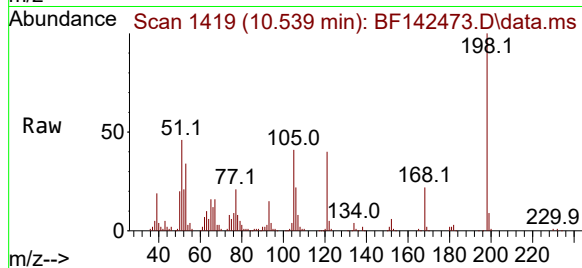




#65
4,6-Dinitro-2-methylphenol
Concen: 66.950 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

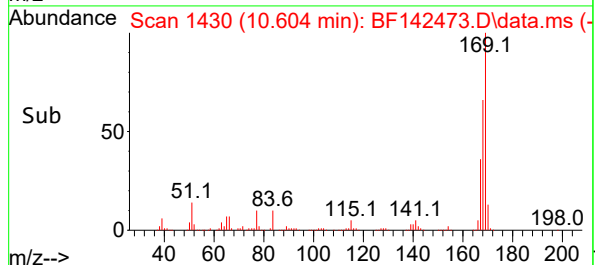
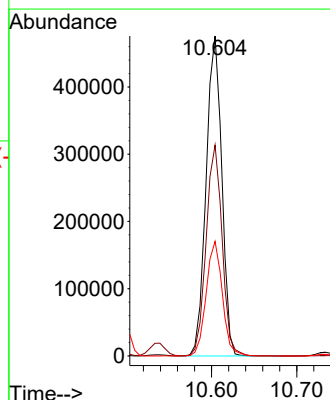
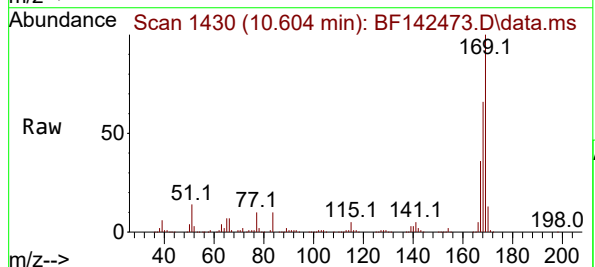
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

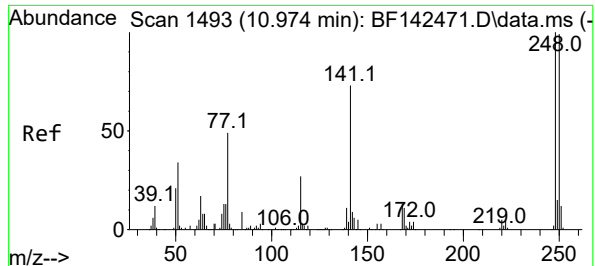
Tgt Ion:198 Resp: 109172
Ion Ratio Lower Upper
198 100
51 46.2 28.3 68.3
105 40.5 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 60.861 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:169 Resp: 608394
Ion Ratio Lower Upper
169 100
168 65.9 52.7 79.1
167 35.8 28.3 42.5

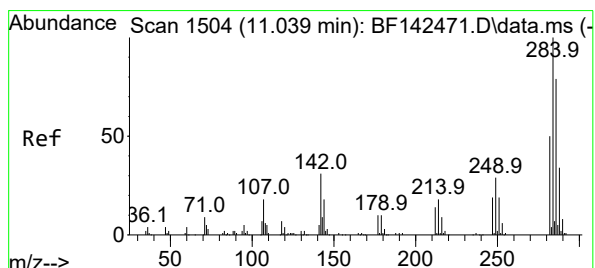
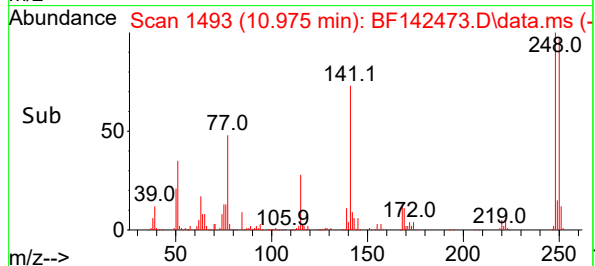
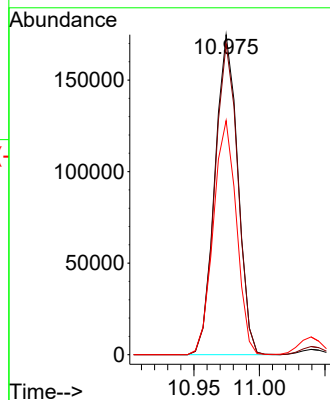
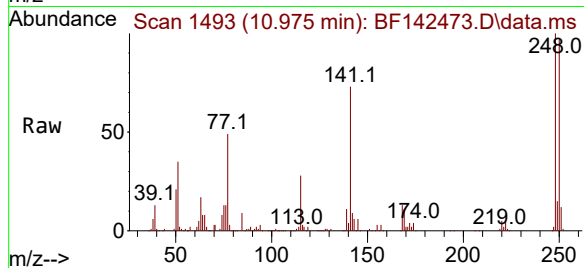




#67
4-Bromophenyl-phenylether
Concen: 61.546 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

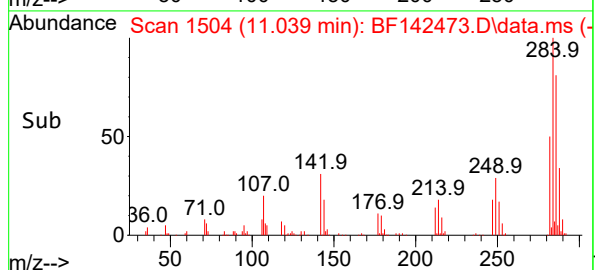
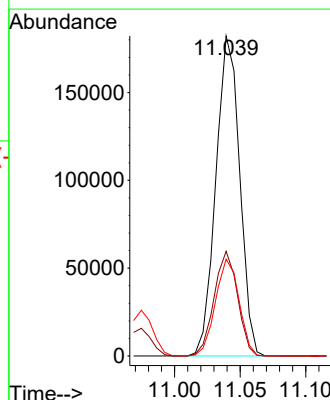
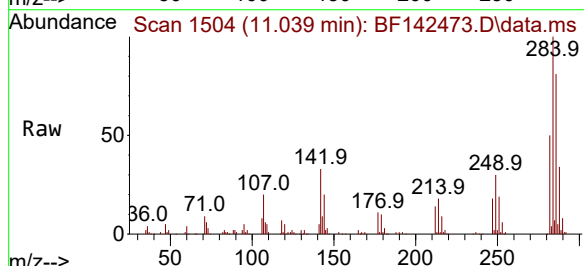
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

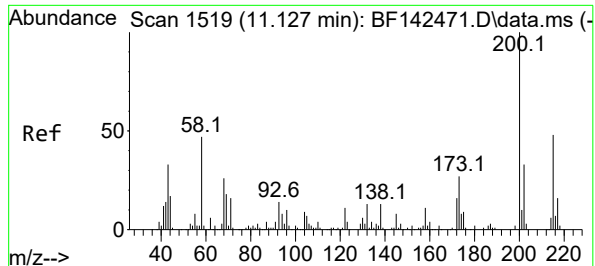
Tgt Ion:248 Resp: 212638
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.4
141 73.2 58.4 87.6



#68
Hexachlorobenzene
Concen: 60.168 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:284 Resp: 229917
Ion Ratio Lower Upper
284 100
142 32.7 24.8 37.2
249 30.2 23.6 35.4





#69

Atrazine

Concen: 59.604 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.001 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

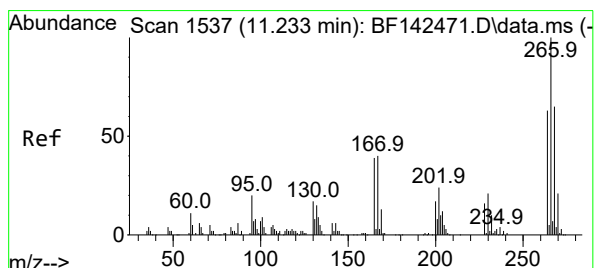
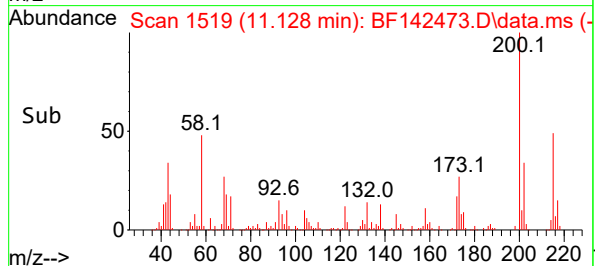
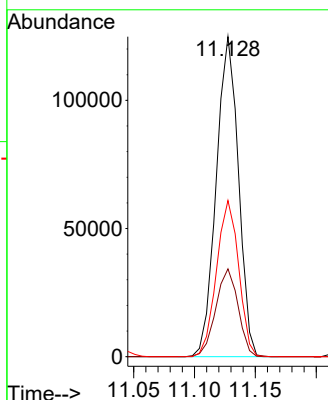
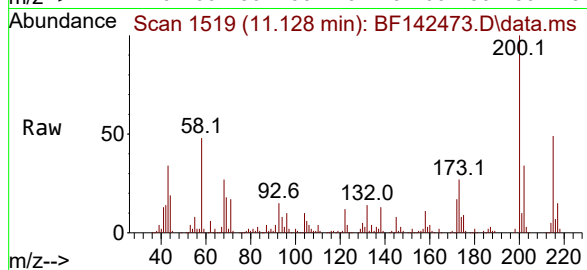
Tgt Ion:200 Resp: 158234

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

215 48.8 28.5 68.5



#70

Pentachlorophenol

Concen: 63.663 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

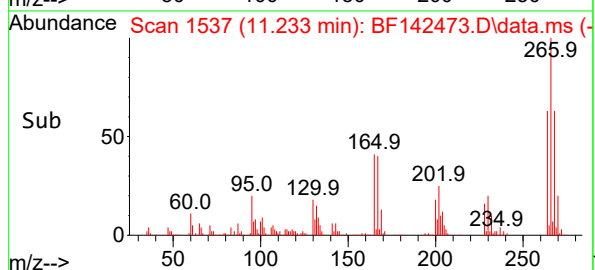
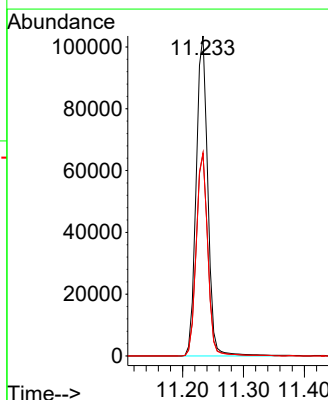
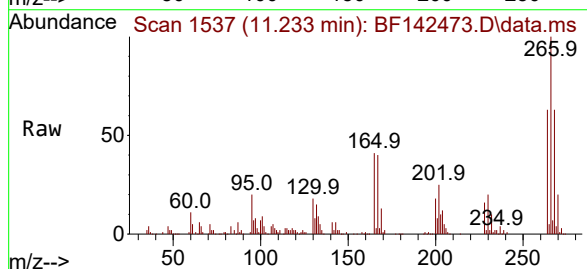
Tgt Ion:266 Resp: 137347

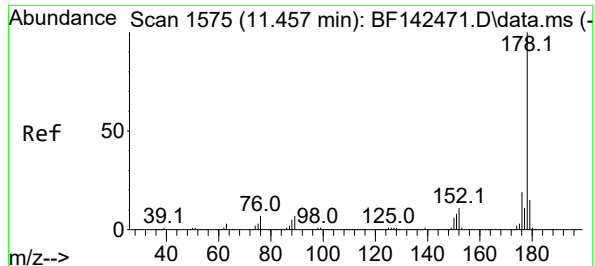
Ion Ratio Lower Upper

266 100

268 63.3 51.7 77.5

264 63.4 50.4 75.6

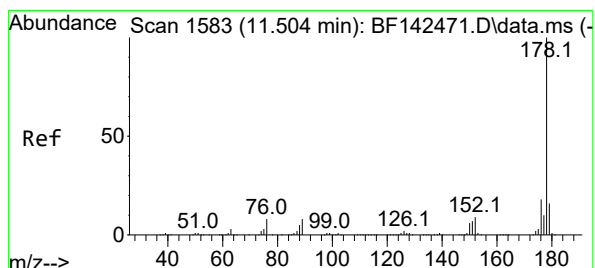
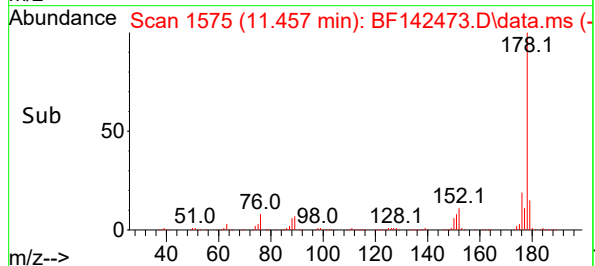
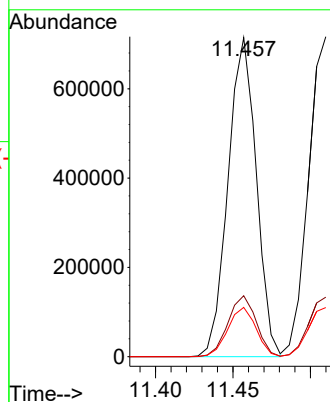
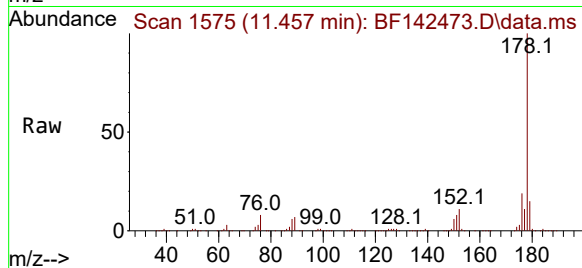




#71
Phenanthrene
Concen: 57.961 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

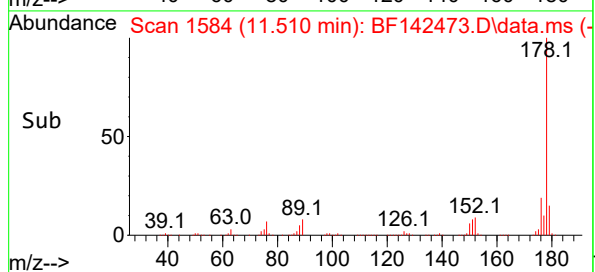
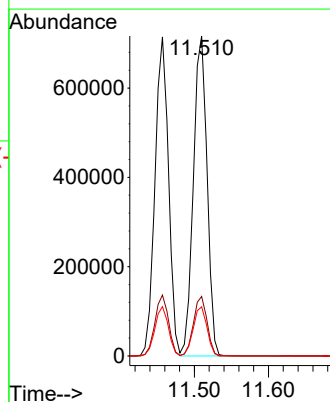
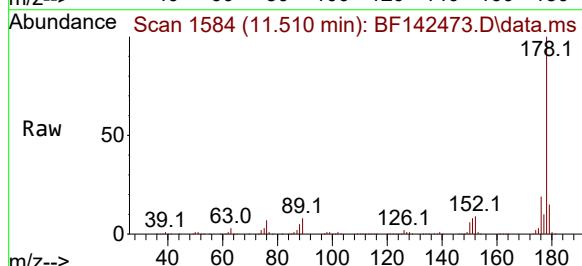
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

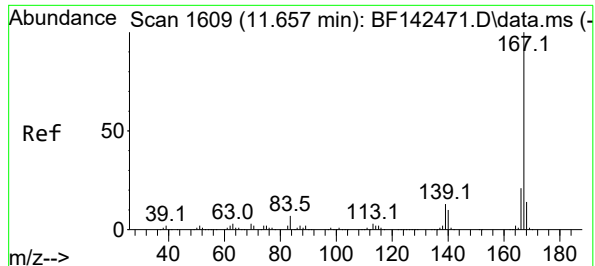
Tgt Ion:178 Resp: 905073
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 57.627 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:178 Resp: 918369
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.3 12.4 18.6

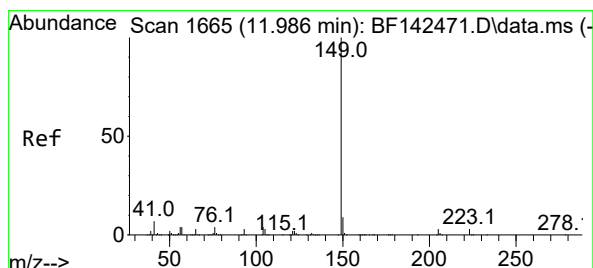
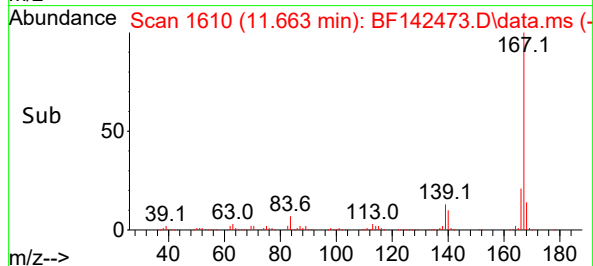
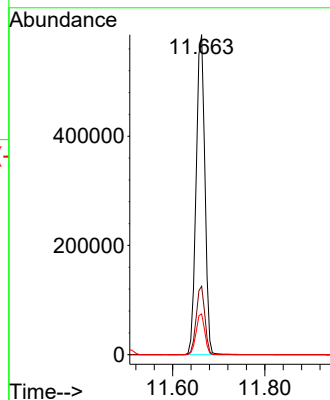
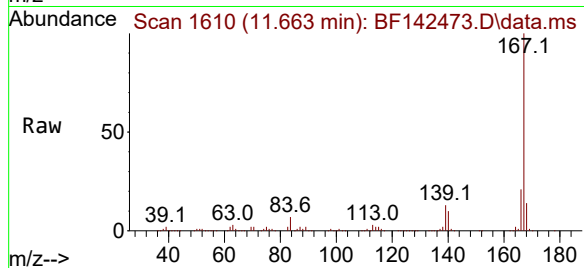




#73
Carbazole
Concen: 56.455 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

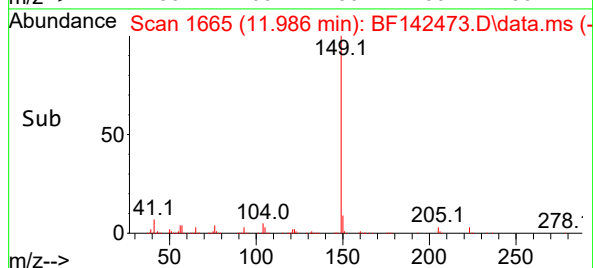
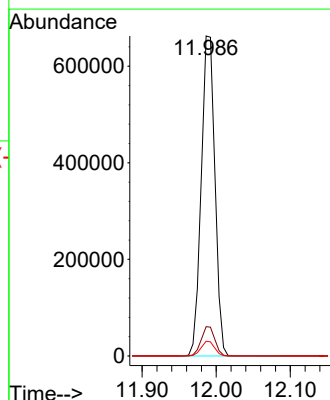
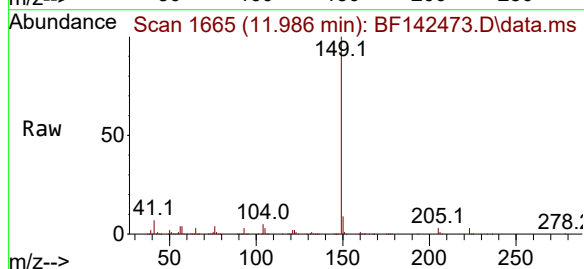
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

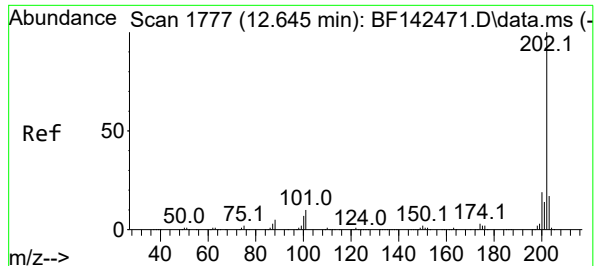
Tgt Ion:167 Resp: 769151
Ion Ratio Lower Upper
167 100
166 21.4 16.9 25.3
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 57.234 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 853524
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.6 3.6 5.4

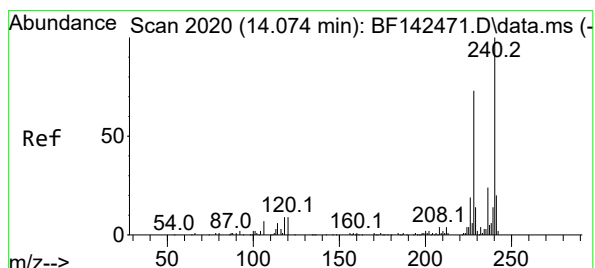
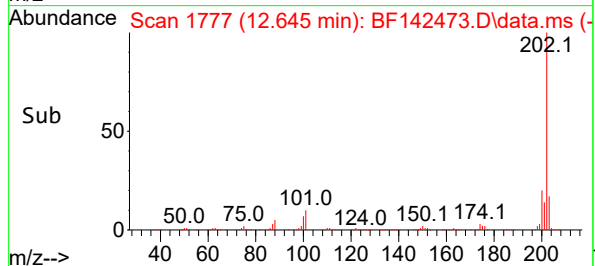
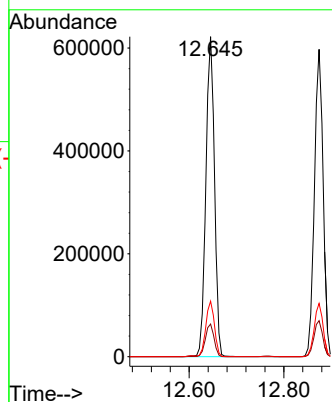
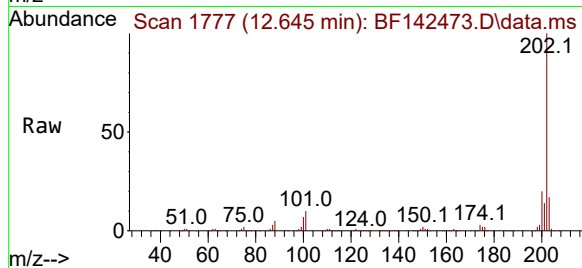




#75
Fluoranthene
Concen: 54.112 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

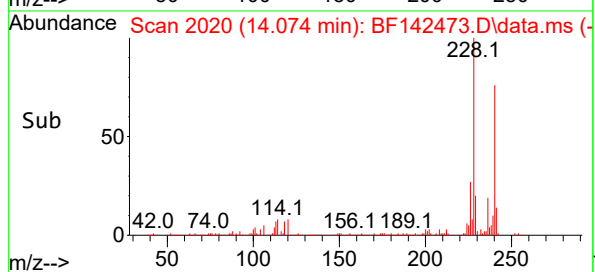
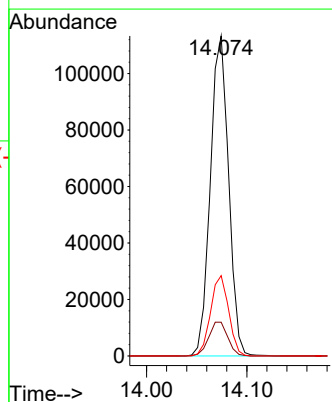
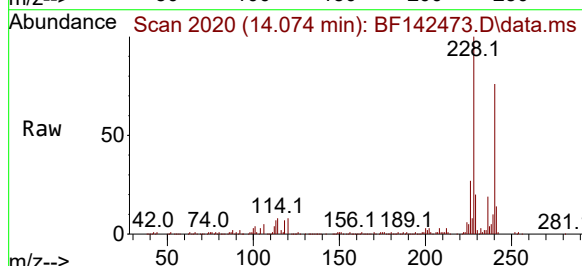
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

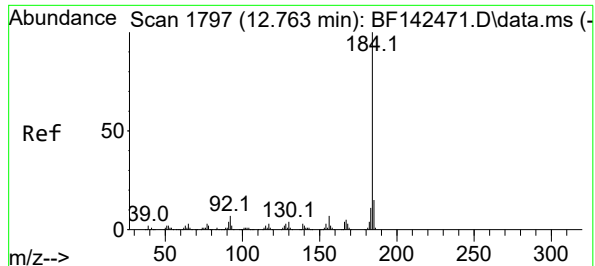
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.6
203	17.3	0.0	37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.5	11.3
236	25.1	19.6	29.4

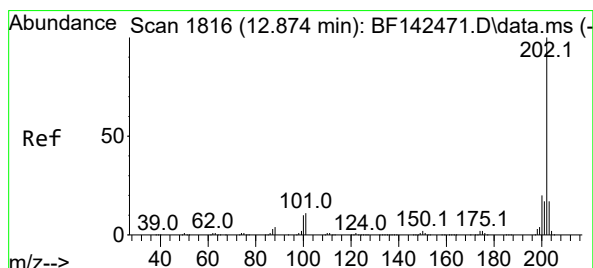
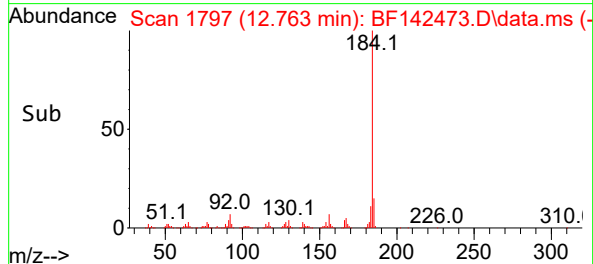
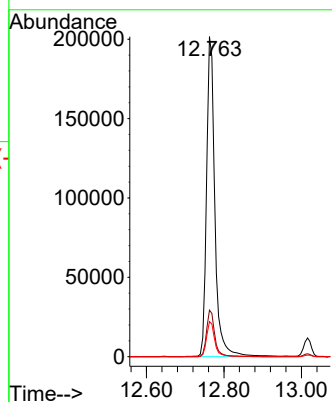
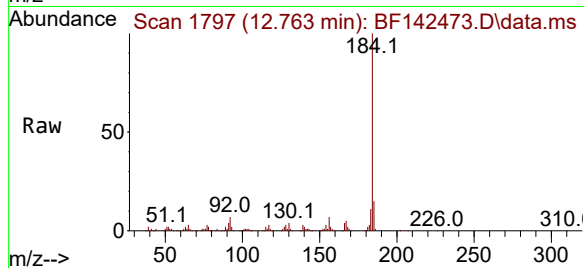




#77
Benzidine
Concen: 56.251 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

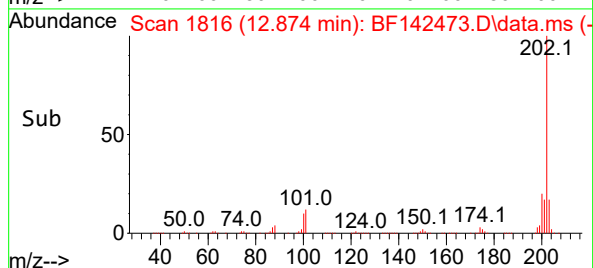
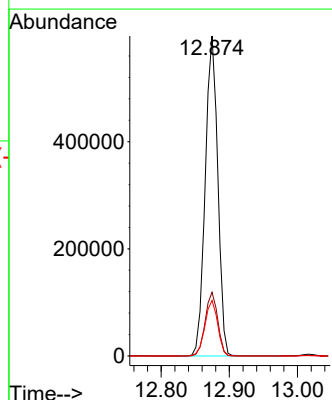
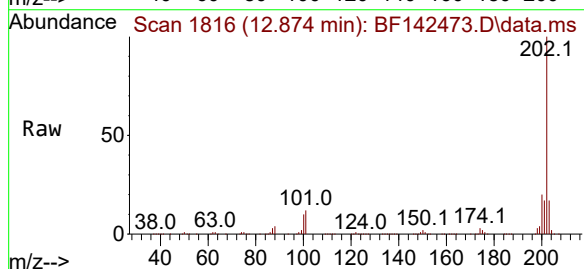
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

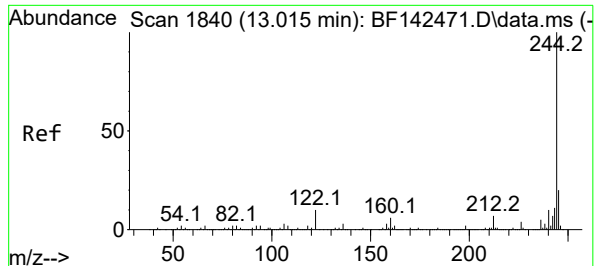
Tgt Ion:184 Resp: 300547
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 57.017 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:202 Resp: 763672
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 109.634 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

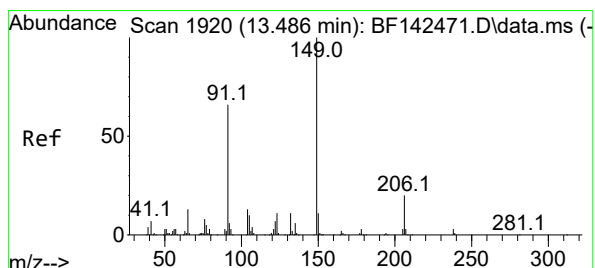
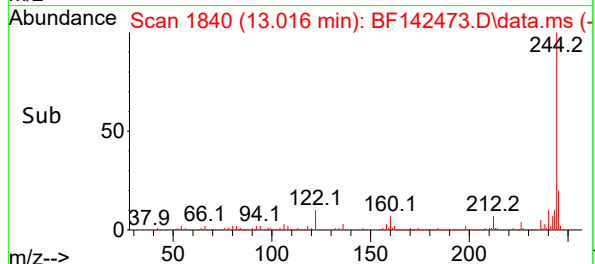
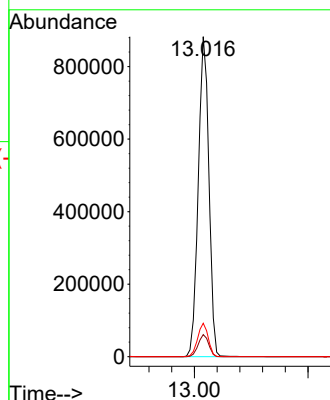
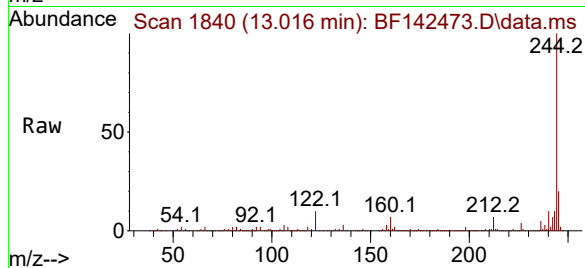
Tgt Ion:244 Resp: 1151893

Ion Ratio Lower Upper

244 100

212 6.9 5.3 7.9

122 10.4 8.2 12.2



#80

Butylbenzylphthalate

Concen: 63.972 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

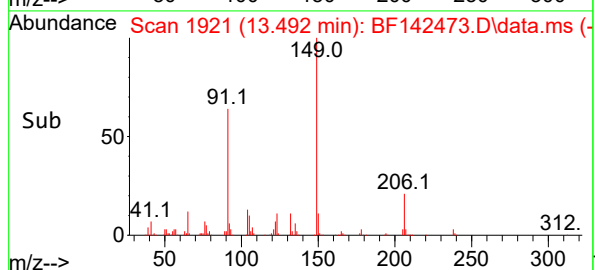
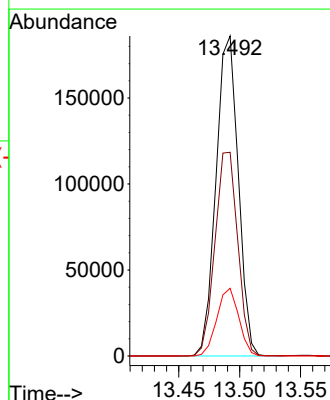
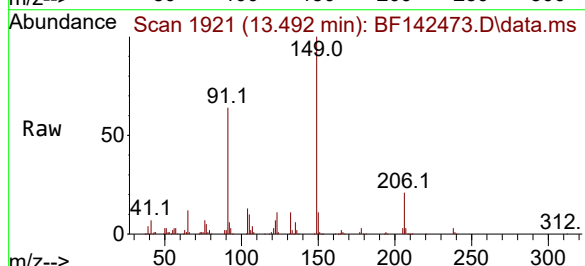
Tgt Ion:149 Resp: 236758

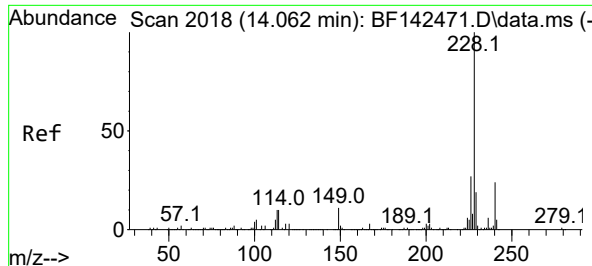
Ion Ratio Lower Upper

149 100

91 63.7 52.9 79.3

206 21.2 16.2 24.2

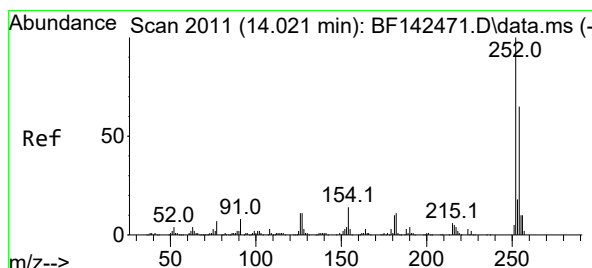
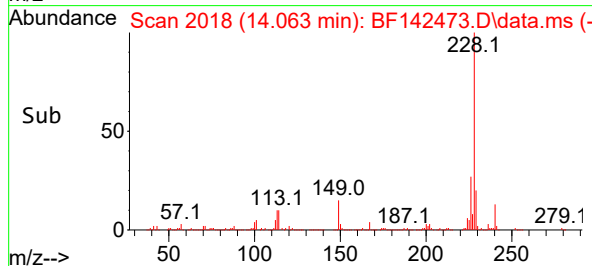
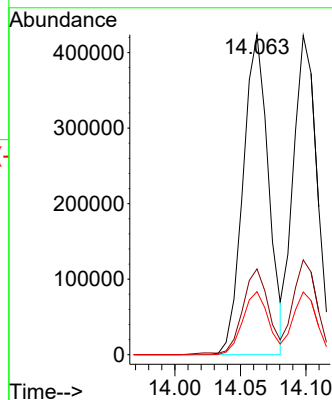
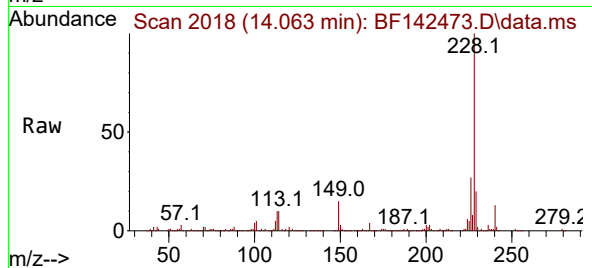




#81
Benzo(a)anthracene
Concen: 59.620 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

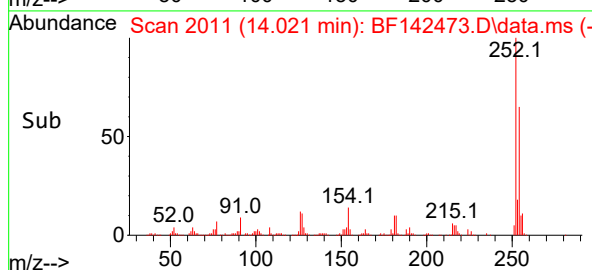
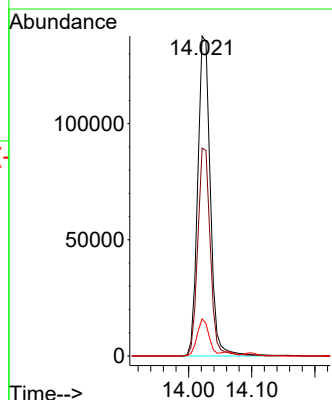
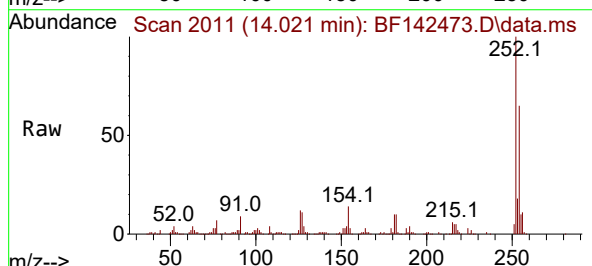
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

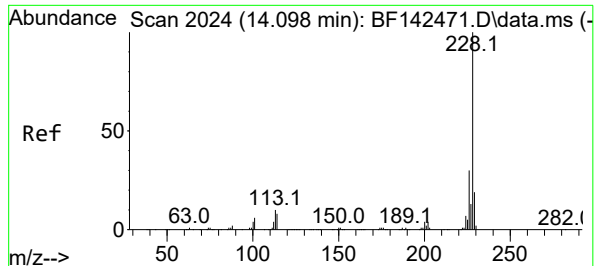
Tgt Ion:228 Resp: 571607
Ion Ratio Lower Upper
228 100
226 26.8 21.2 31.8
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 65.480 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:252 Resp: 190415
Ion Ratio Lower Upper
252 100
254 64.9 52.0 78.0
126 11.6 8.9 13.3

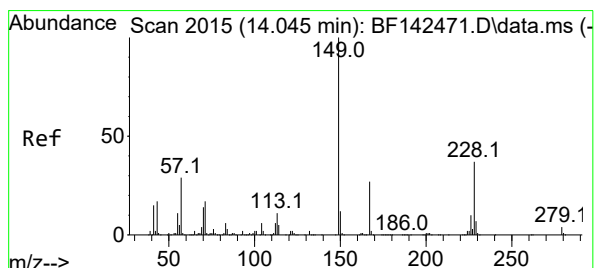
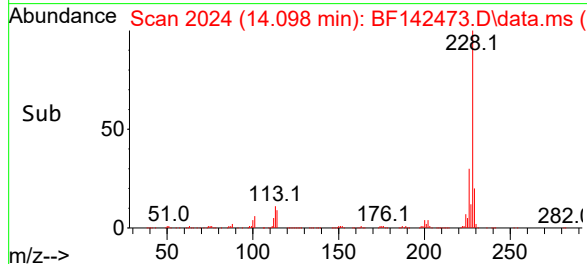
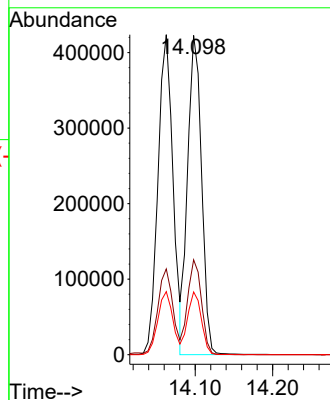
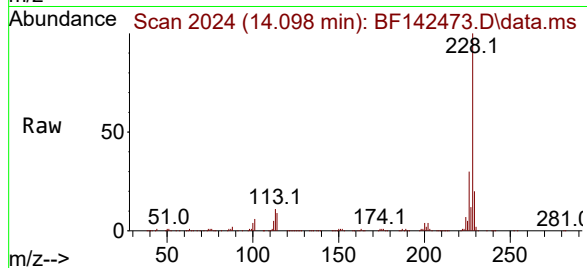




#83
Chrysene
Concen: 61.153 ng
RT: 14.098 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

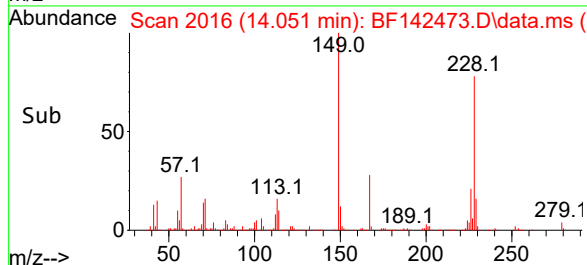
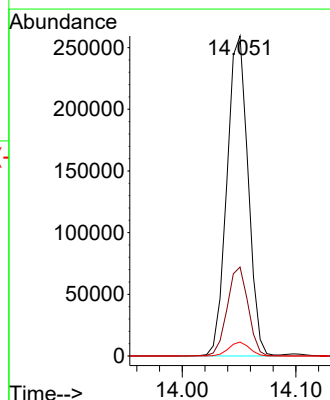
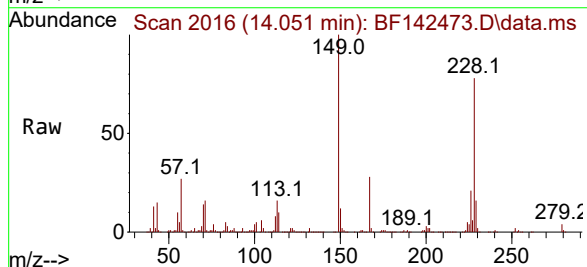
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

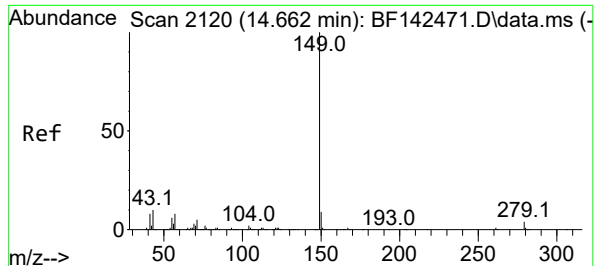
Tgt Ion:228 Resp: 526831
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 19.6 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 70.698 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 334950
Ion Ratio Lower Upper
149 100
167 27.8 21.5 32.3
279 4.4 3.2 4.8

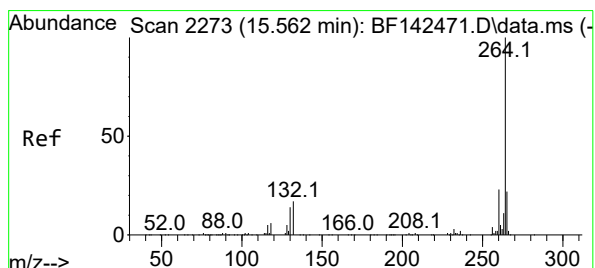
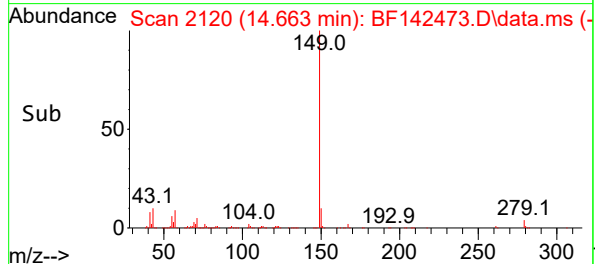
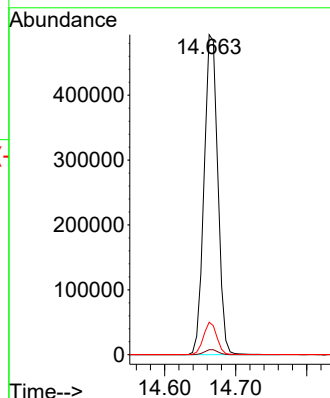
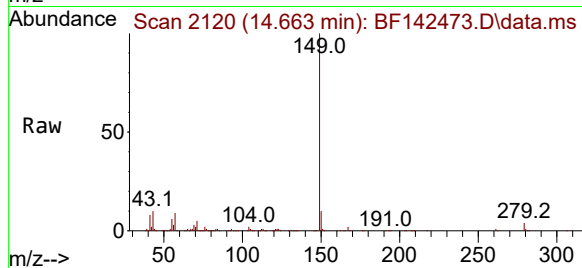




#85
Di-n-octyl phthalate
Concen: 71.701 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

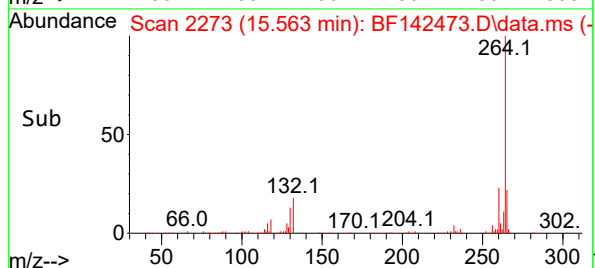
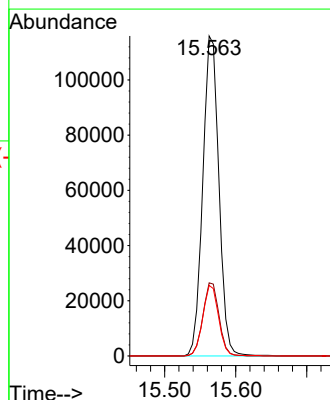
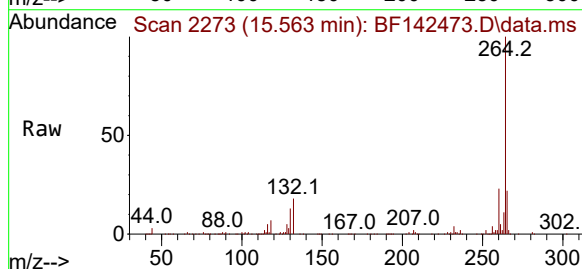
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

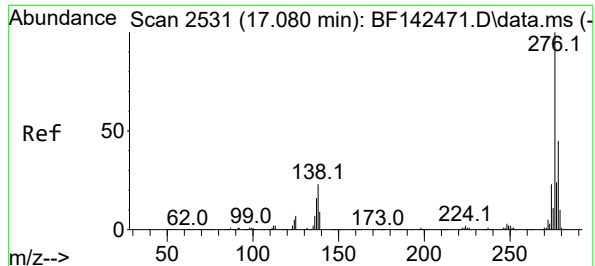
Tgt Ion:149 Resp: 664220
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.8 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:264 Resp: 183052
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 22.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.761 ng

RT: 17.086 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

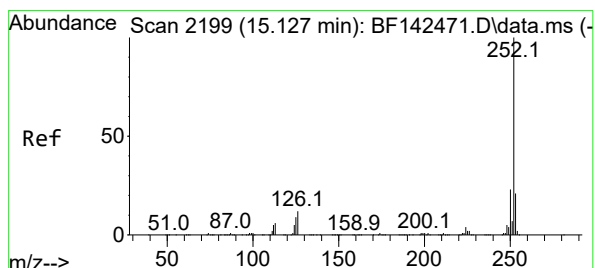
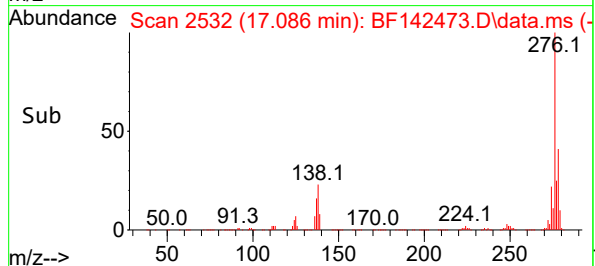
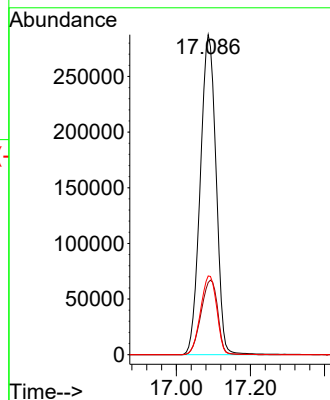
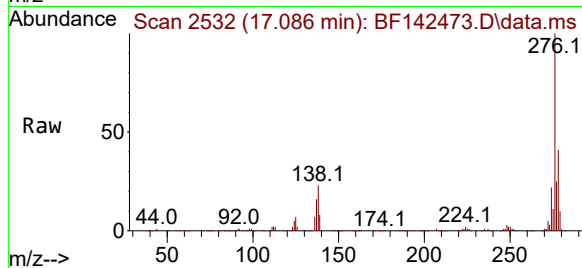
Tgt Ion:276 Resp: 848752

Ion Ratio Lower Upper

276 100

138 24.6 19.9 29.9

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 56.878 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

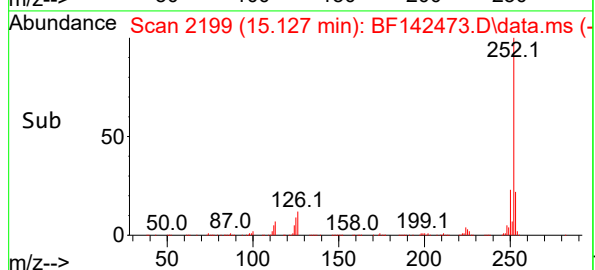
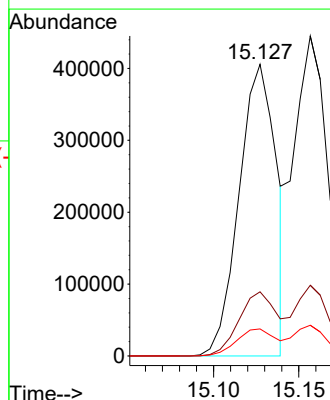
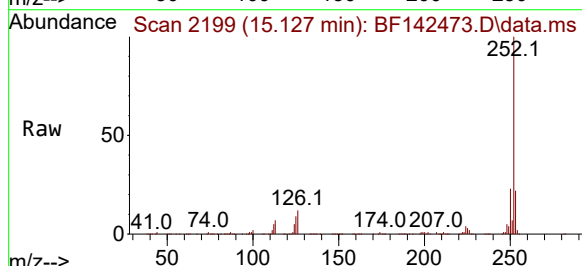
Tgt Ion:252 Resp: 616210

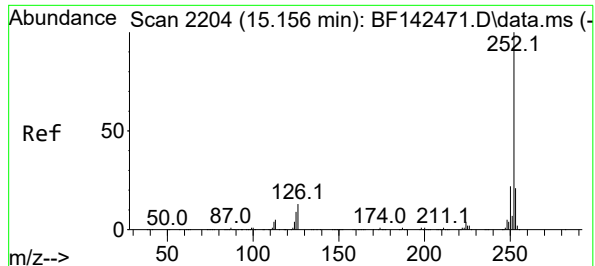
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 61.068 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

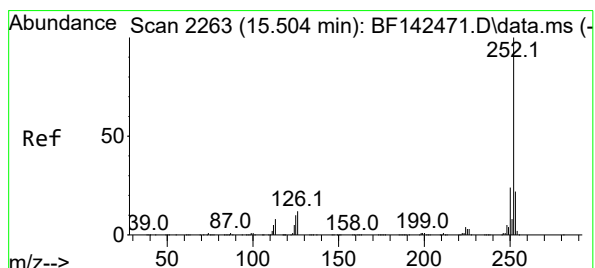
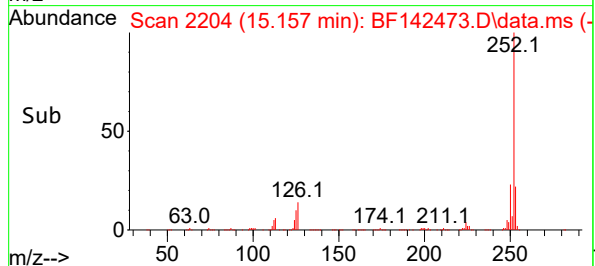
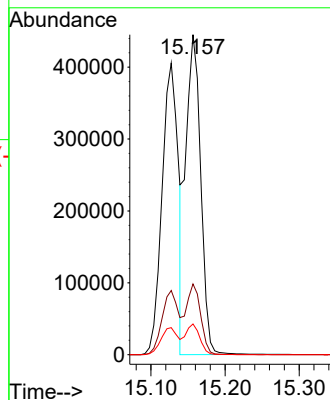
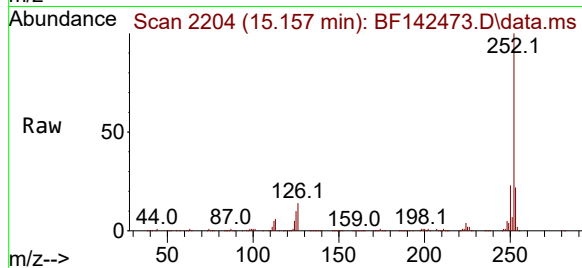
Tgt Ion:252 Resp: 619660

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 9.6 7.3 10.9



#90

Benzo(a)pyrene

Concen: 60.943 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

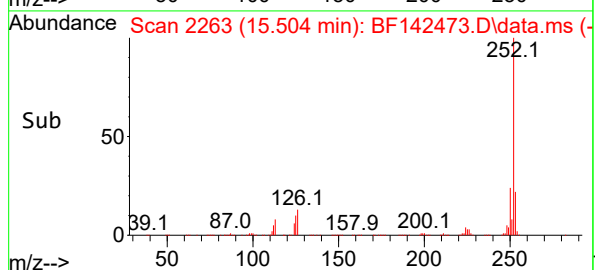
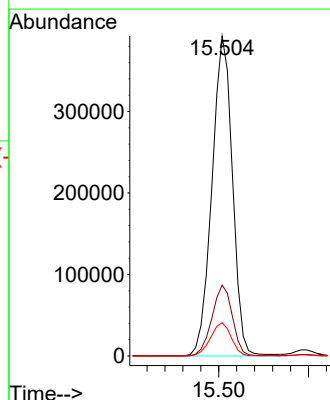
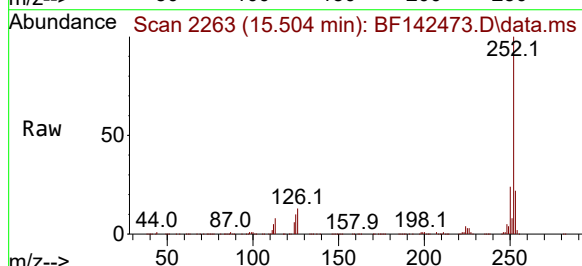
Tgt Ion:252 Resp: 622347

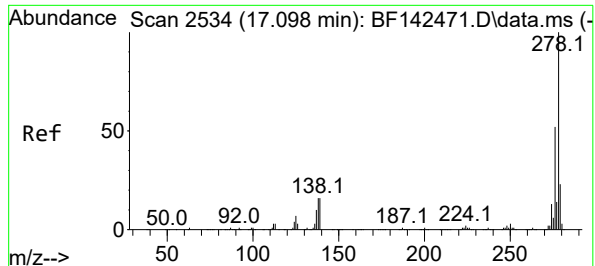
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.4 7.9 11.9

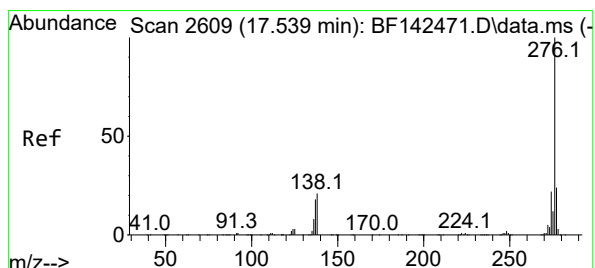
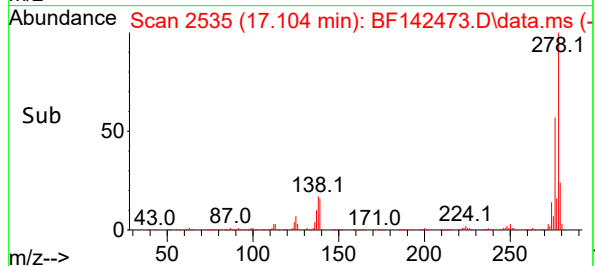
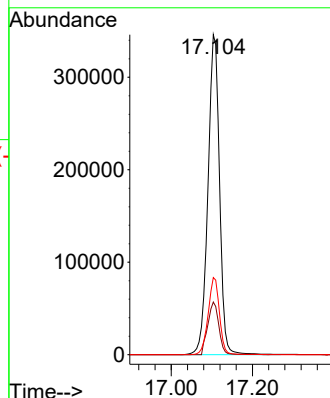
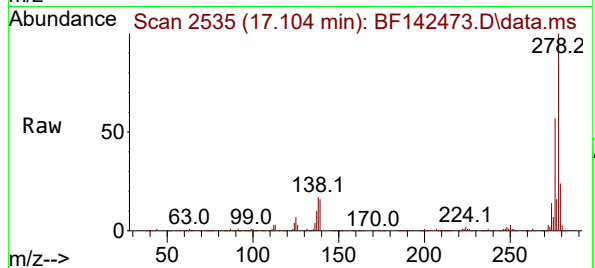




#91
Dibenzo(a,h)anthracene
Concen: 61.321 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

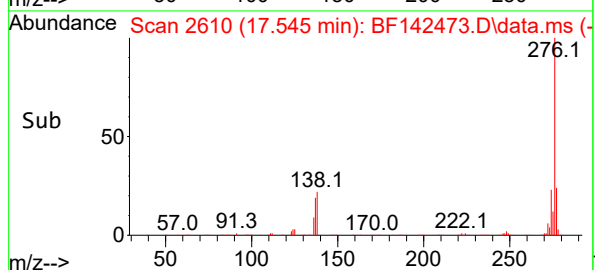
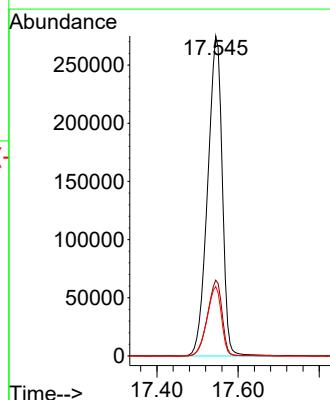
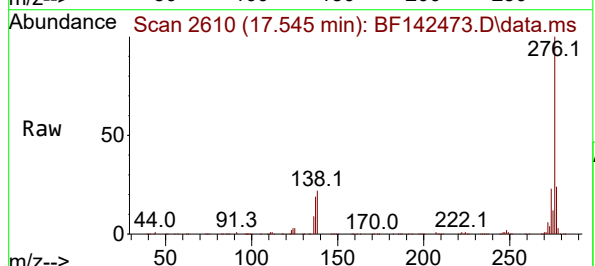
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 683473
Ion Ratio Lower Upper
278 100
139 16.5 12.8 19.2
279 24.1 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 61.313 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:276 Resp: 683528
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 21.7 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142474.D
 Acq On : 20 May 2025 15:31
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: May 20 16:55:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	92899	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	358380	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	188198	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	287337	20.000	ng	0.00
76) Chrysene-d12	14.074	240	154555	20.000	ng	0.00
86) Perylene-d12	15.568	264	196342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	815861	147.959	ng	0.00
7) Phenol-d6	6.534	99	986649	148.644	ng	0.00
23) Nitrobenzene-d5	7.475	82	993768	151.205	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	304807	145.927	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1908541	136.080	ng	0.00
79) Terphenyl-d14	13.015	244	1392704	123.140	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	169363	76.756	ng	100
3) Pyridine	3.440	79	442247	78.706	ng	98
4) n-Nitrosodimethylamine	3.404	42	230814	79.114	ng	97
6) Aniline	6.569	93	671713	75.263	ng	99
8) 2-Chlorophenol	6.686	128	454577	75.687	ng	98
9) Benzaldehyde	6.451	77	219574	54.999	ng	97
10) Phenol	6.551	94	552574	73.985	ng	87
11) bis(2-Chloroethyl)ether	6.639	93	410501	76.354	ng	100
12) 1,3-Dichlorobenzene	6.845	146	489261	73.004	ng	100
13) 1,4-Dichlorobenzene	6.922	146	495948	73.465	ng	99
14) 1,2-Dichlorobenzene	7.075	146	477210	73.875	ng	100
15) Benzyl Alcohol	7.045	79	381381	77.750	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	663576	73.497	ng	99
17) 2-Methylphenol	7.151	107	358569	76.467	ng	99
18) Hexachloroethane	7.416	117	177426	75.267	ng	98
19) n-Nitroso-di-n-propyla...	7.328	70	304362	73.987	ng	97
20) 3+4-Methylphenols	7.310	107	426933	71.097	ng	94
22) Acetophenone	7.316	105	571777	72.072	ng	# 95
24) Nitrobenzene	7.492	77	452330	76.309	ng	98
25) Isophorone	7.733	82	838652	76.321	ng	99
26) 2-Nitrophenol	7.804	139	248427	78.434	ng	99
27) 2,4-Dimethylphenol	7.839	122	422403	75.623	ng	99
28) bis(2-Chloroethoxy)met...	7.939	93	513063	74.744	ng	98
29) 2,4-Dichlorophenol	8.045	162	381590	75.121	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	406857	73.801	ng	98
31) Naphthalene	8.210	128	1277048	72.369	ng	99
32) Benzoic acid	7.975	122	288731	84.918	ng	99
33) 4-Chloroaniline	8.257	127	492168	68.830	ng	100
34) Hexachlorobutadiene	8.328	225	252445	73.338	ng	98
35) Caprolactam	8.645	113	109232	76.565	ng	100
36) 4-Chloro-3-methylphenol	8.739	107	388740	74.674	ng	99
37) 2-Methylnaphthalene	8.898	142	796463	71.742	ng	100
38) 1-Methylnaphthalene	8.998	142	811747	70.689	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	409177	75.740	ng	100
41) Hexachlorocyclopentadiene	9.051	237	309537	84.936	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	285072	78.254	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142474.D
 Acq On : 20 May 2025 15:31
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: May 20 16:55:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

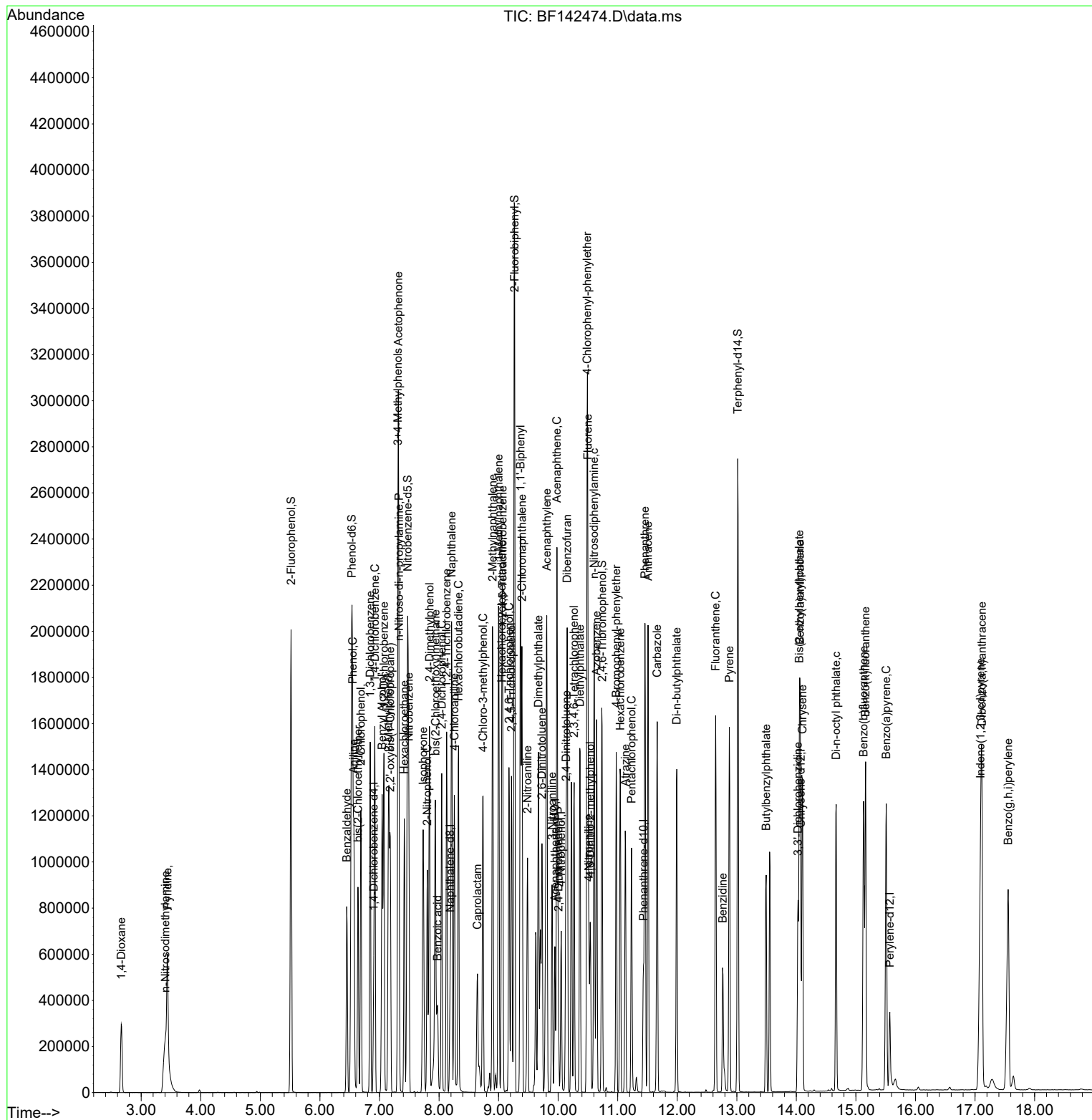
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	287041	74.712	ng	99
46) 1,1'-Biphenyl	9.369	154	1059787	72.584	ng	100
47) 2-Chloronaphthalene	9.392	162	798539	74.024	ng	99
48) 2-Nitroaniline	9.486	65	241162	77.343	ng	99
49) Acenaphthylene	9.810	152	1313668	72.118	ng	99
50) Dimethylphthalate	9.669	163	911534	73.405	ng	100
51) 2,6-Dinitrotoluene	9.727	165	201545	75.198	ng	96
52) Acenaphthene	9.980	154	810811	72.896	ng	100
53) 3-Nitroaniline	9.898	138	216422	73.930	ng	100
54) 2,4-Dinitrophenol	10.004	184	119082	85.999	ng	94
55) Dibenzofuran	10.151	168	1136276	70.990	ng	99
56) 4-Nitrophenol	10.051	139	165537	76.638	ng	99
57) 2,4-Dinitrotoluene	10.133	165	259035	74.005	ng	99
58) Fluorene	10.498	166	857882	69.377	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	238382	74.324	ng	99
60) Diethylphthalate	10.369	149	858326	70.773	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	426386	70.193	ng	99
62) 4-Nitroaniline	10.516	138	188782	71.105	ng	98
63) Azobenzene	10.645	77	794029	72.893	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	141863	88.468	ng	99
66) n-Nitrosodiphenylamine	10.604	169	758366	77.145	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	264739	77.920	ng	98
68) Hexachlorobenzene	11.045	284	287676	76.555	ng	98
69) Atrazine	11.127	200	199929	76.581	ng	99
70) Pentachlorophenol	11.233	266	177504	83.666	ng	99
71) Phenanthrene	11.457	178	1107683	72.134	ng	100
72) Anthracene	11.510	178	1144182	73.009	ng	99
73) Carbazole	11.663	167	956069	71.360	ng	99
74) Di-n-butylphthalate	11.992	149	1043468	71.153	ng	100
75) Fluoranthene	12.645	202	972105	67.750	ng	99
77) Benzidine	12.763	184	343909	59.795	ng	100
78) Pyrene	12.874	202	931844	64.632	ng	100
80) Butylbenzylphthalate	13.492	149	319716	80.252	ng	98
81) Benzo(a)anthracene	14.062	228	765441	74.167	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	257542	82.274	ng	99
83) Chrysene	14.104	228	715970	77.206	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	449654	88.168	ng	99
85) Di-n-octyl phthalate	14.668	149	888230	89.073	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	1126401	76.417	ng	100
88) Benzo(b)fluoranthene	15.127	252	874640	75.267	ng	98
89) Benzo(k)fluoranthene	15.162	252	803775	73.850	ng	99
90) Benzo(a)pyrene	15.509	252	833783	76.121	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	902757	75.513	ng	99
92) Benzo(g,h,i)perylene	17.556	276	909649	76.073	ng	99

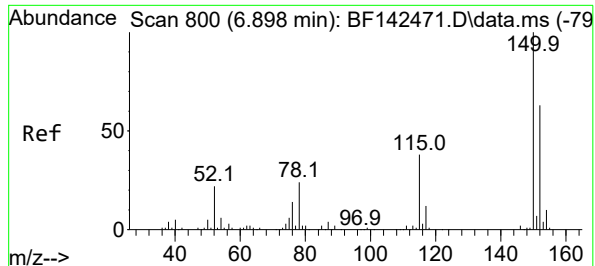
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142474.D
Acq On : 20 May 2025 15:31
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

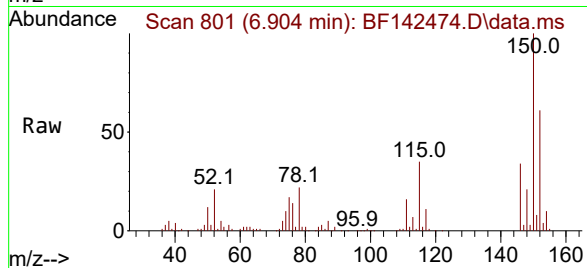
Quant Time: May 20 16:55:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



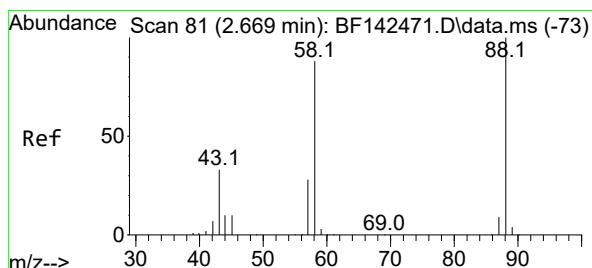
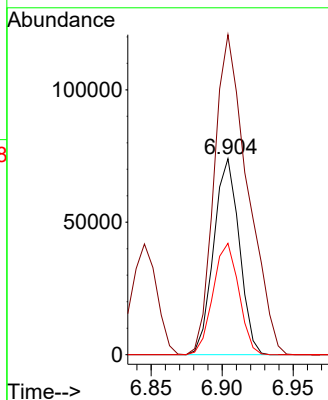
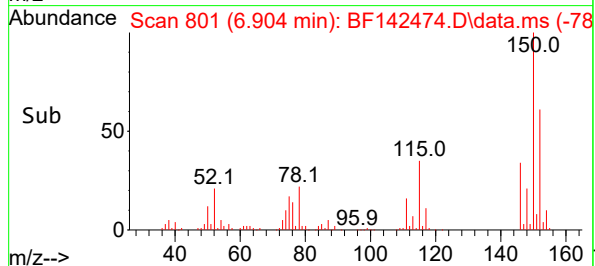


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

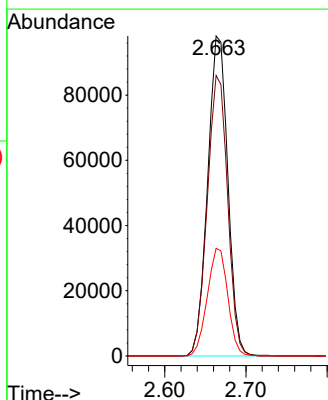
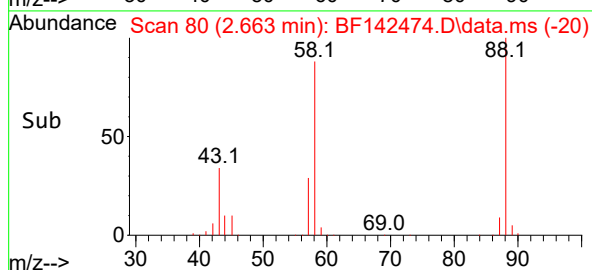
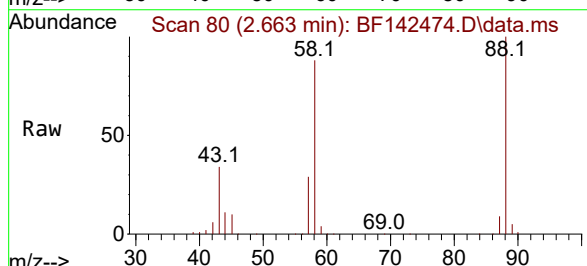


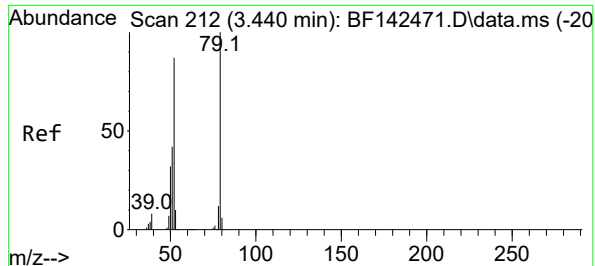
Tgt Ion:152 Resp: 92899
Ion Ratio Lower Upper
152 100
150 163.3 128.2 192.4
115 56.9 48.3 72.5



#2
1,4-Dioxane
Concen: 76.756 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 88 Resp: 169363
Ion Ratio Lower Upper
88 100
58 88.4 70.8 106.2
43 34.1 26.6 40.0





#3

Pyridine

Concen: 78.706 ng

RT: 3.440 min Scan# 212

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

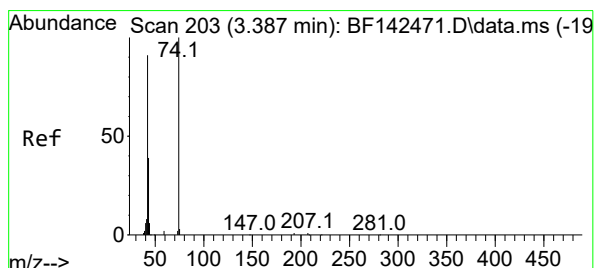
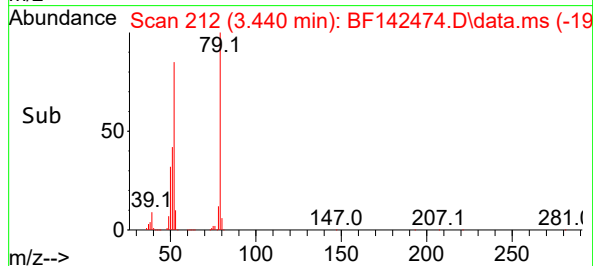
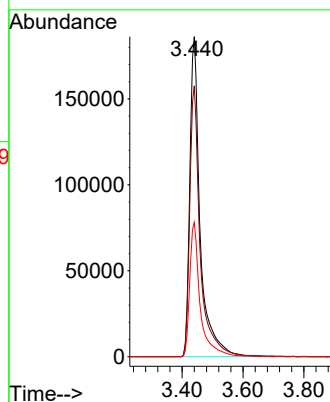
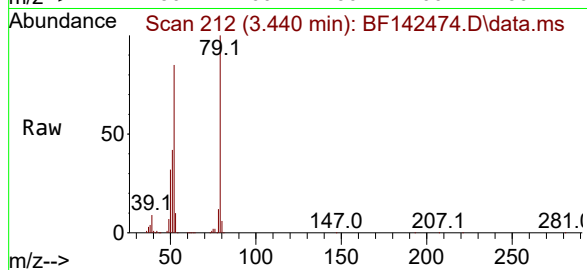
Tgt Ion: 79 Resp: 442247

Ion	Ratio	Lower	Upper

79	100		

52	84.6	69.2	103.8

51	42.0	33.3	49.9



#4

n-Nitrosodimethylamine

Concen: 79.114 ng

RT: 3.404 min Scan# 206

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

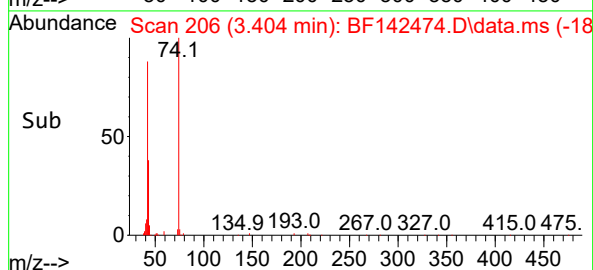
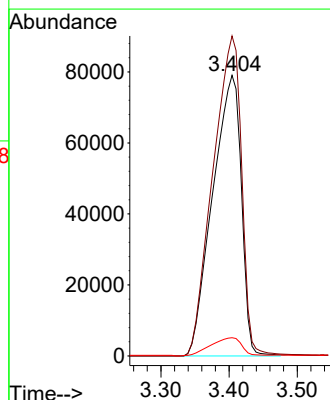
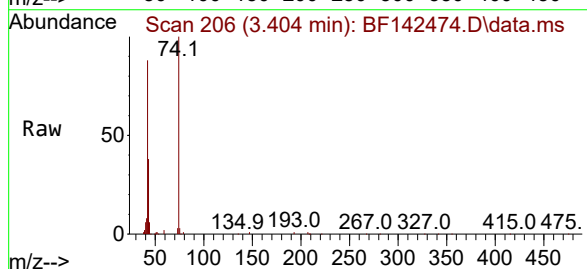
Tgt Ion: 42 Resp: 230814

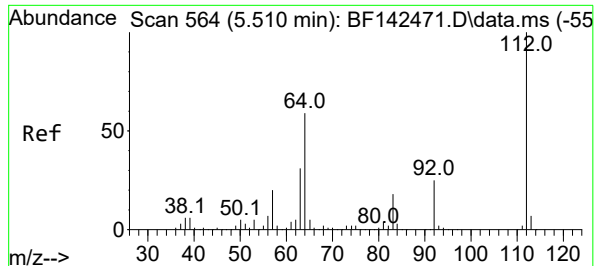
Ion	Ratio	Lower	Upper

42	100		

74	114.0	88.2	132.4

44	6.5	5.4	8.2

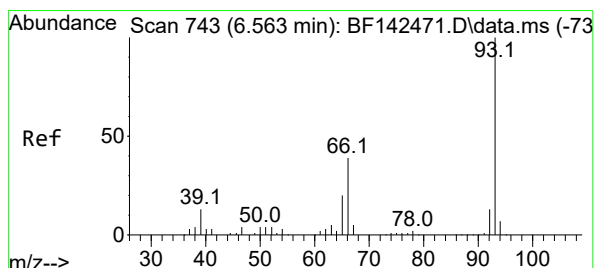
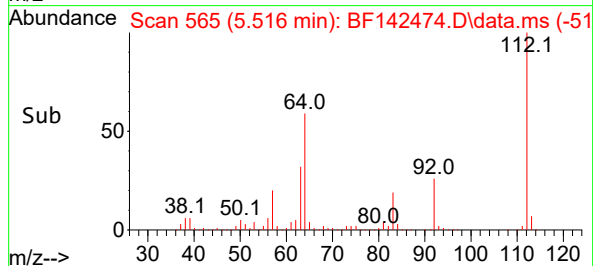
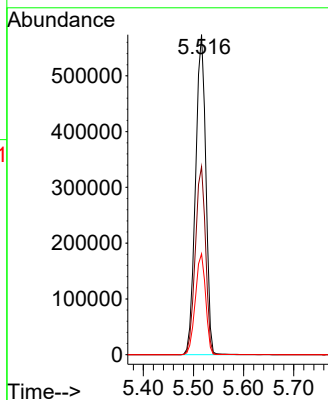
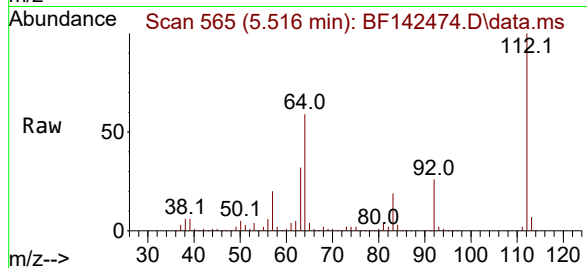




#5
2-Fluorophenol
Concen: 147.959 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

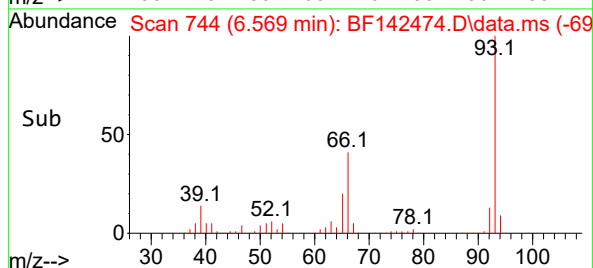
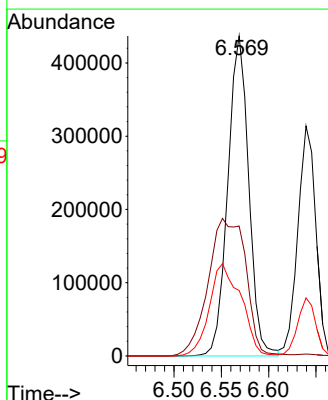
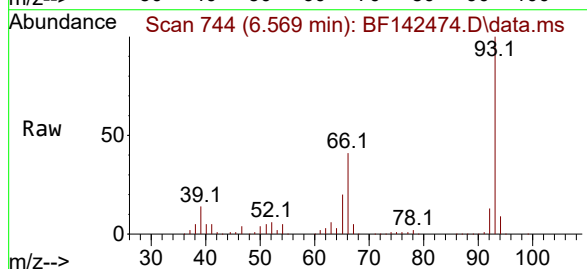
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

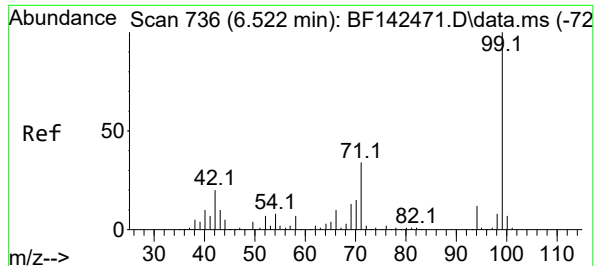
Tgt Ion:112 Resp: 815861
Ion Ratio Lower Upper
112 100
64 58.7 47.5 71.3
63 31.5 24.9 37.3



#6
Aniline
Concen: 75.263 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 93 Resp: 671713
Ion Ratio Lower Upper
93 100
66 40.6 32.0 48.0
65 20.5 16.1 24.1





#7

Phenol-d6

Concen: 148.644 ng

RT: 6.534 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

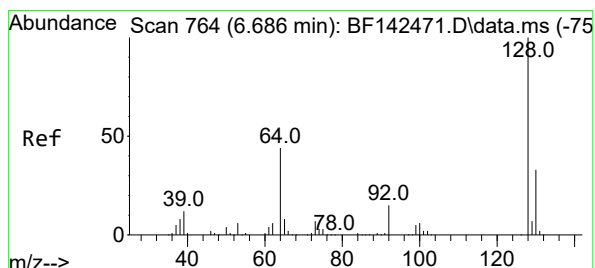
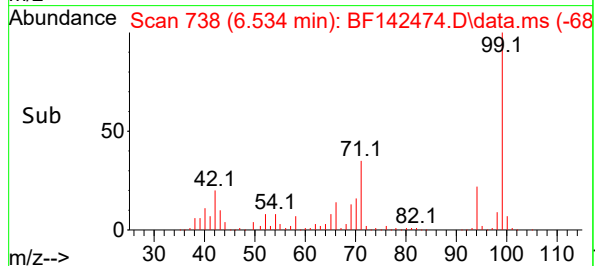
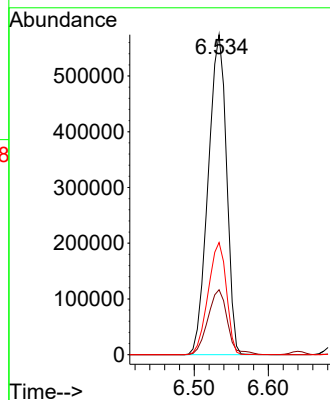
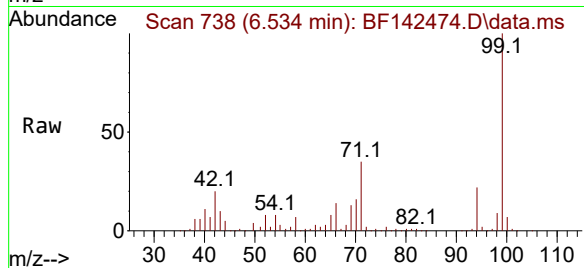
Tgt Ion: 99 Resp: 986649

Ion Ratio Lower Upper

99 100

42 20.3 16.2 24.2

71 35.1 27.3 40.9



#8

2-Chlorophenol

Concen: 75.687 ng

RT: 6.686 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

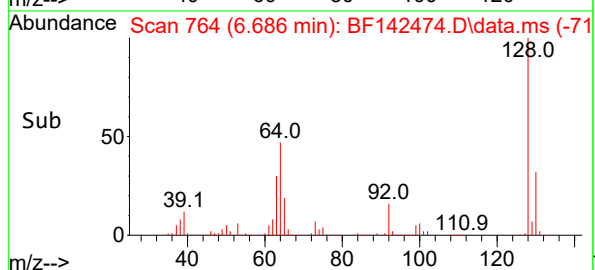
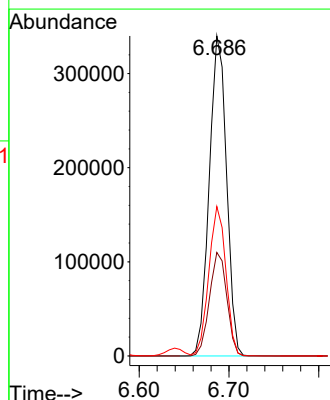
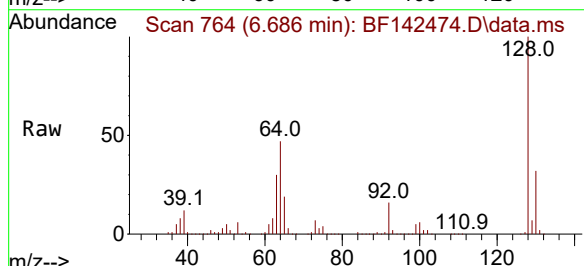
Tgt Ion:128 Resp: 454577

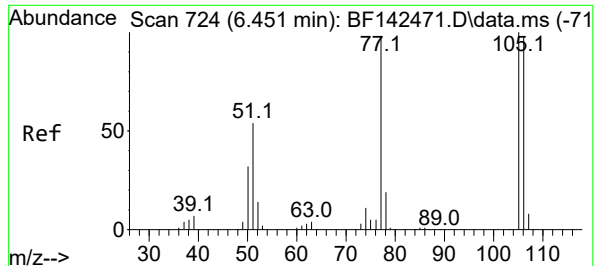
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 46.7 25.1 65.1

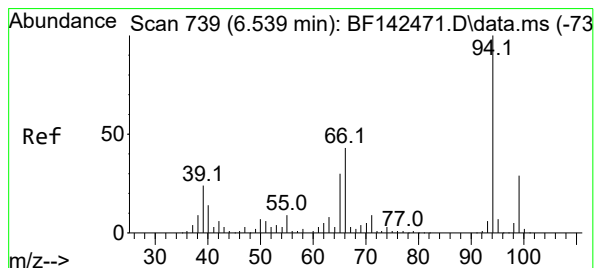
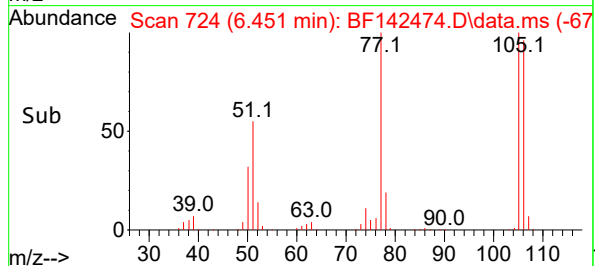
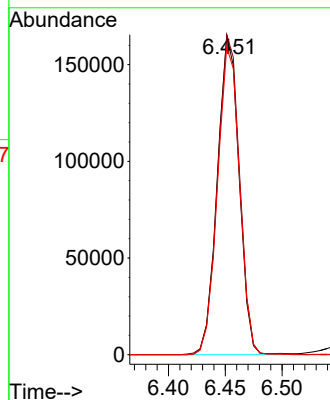
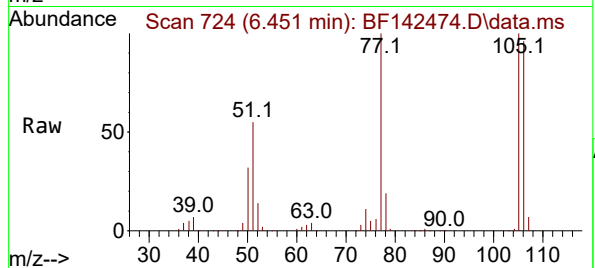




#9
Benzaldehyde
Concen: 54.999 ng
RT: 6.451 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

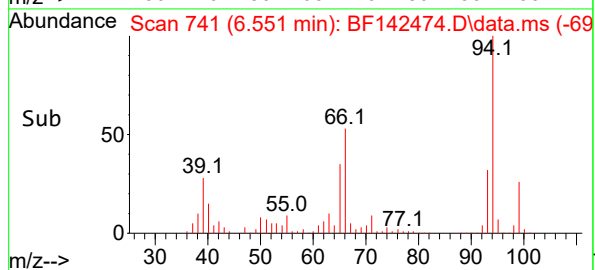
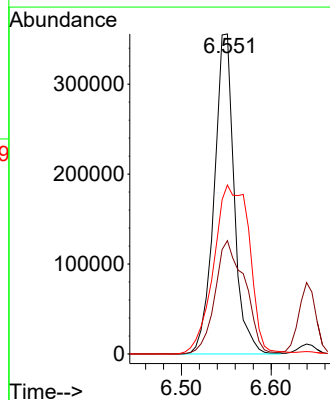
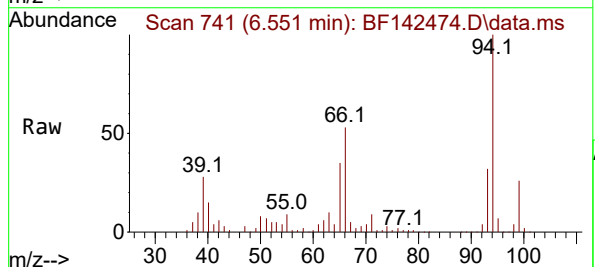
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

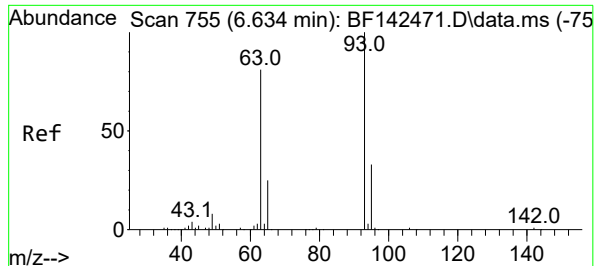
Tgt Ion: 77 Resp: 219574
Ion Ratio Lower Upper
77 100
105 100.3 82.5 122.5
106 96.4 80.0 120.0



#10
Phenol
Concen: 73.985 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 94 Resp: 552574
Ion Ratio Lower Upper
94 100
65 35.4 10.3 50.3
66 52.8 22.6 62.6

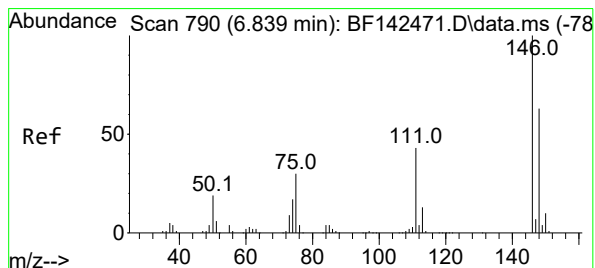
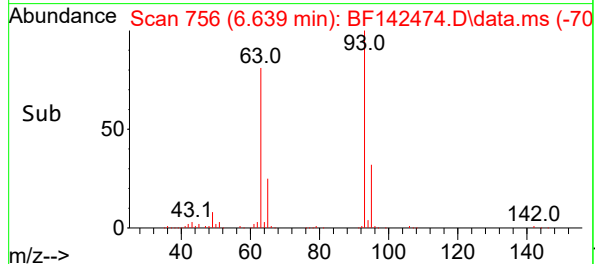
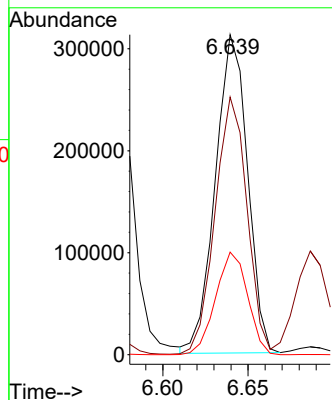
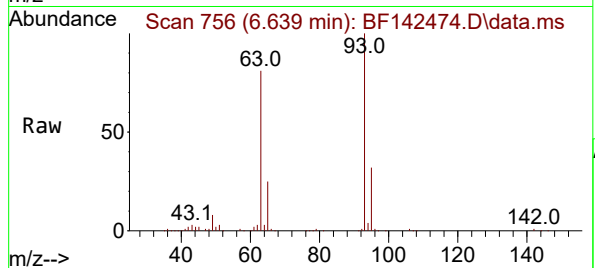




#11
bis(2-Chloroethyl)ether
Concen: 76.354 ng
RT: 6.639 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

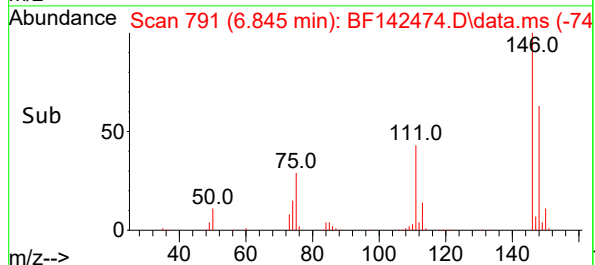
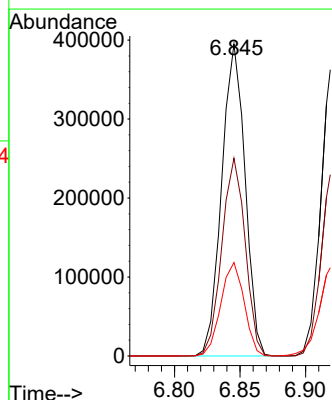
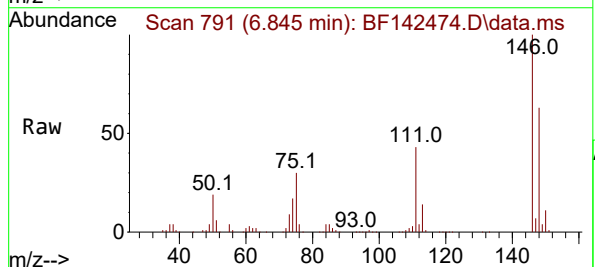
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

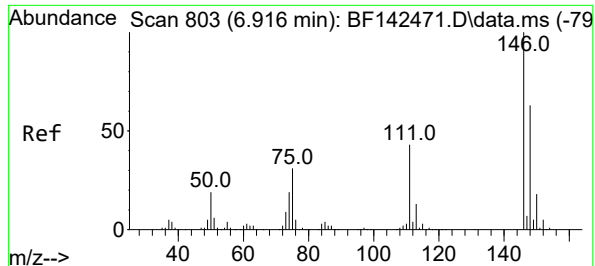
Tgt Ion: 93 Resp: 410501
Ion Ratio Lower Upper
93 100
63 80.5 60.2 100.2
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 73.004 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 146 Resp: 489261
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
75 30.0 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 73.465 ng

RT: 6.922 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

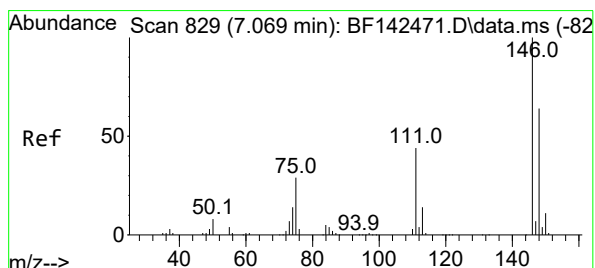
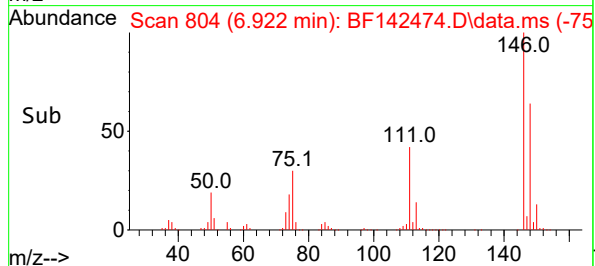
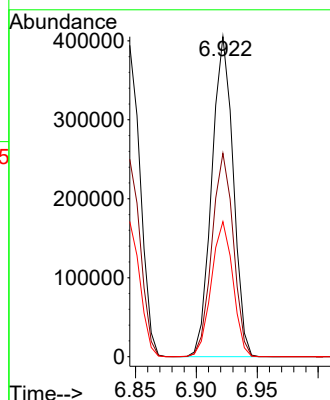
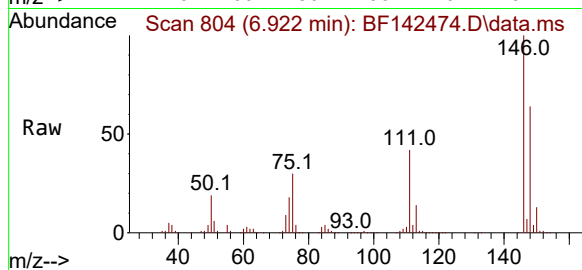
Tgt Ion:146 Resp: 495948

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

111 42.2 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 73.875 ng

RT: 7.075 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

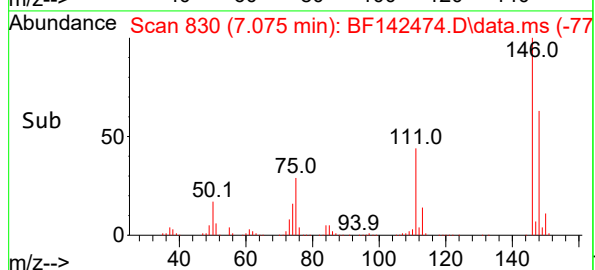
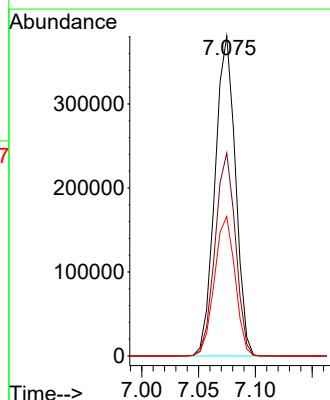
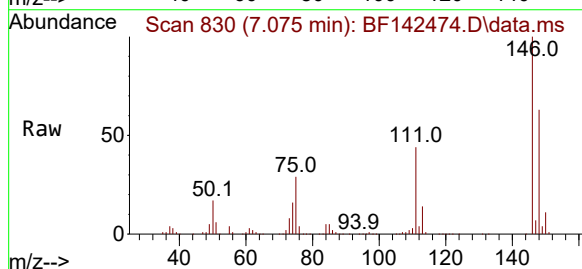
Tgt Ion:146 Resp: 477210

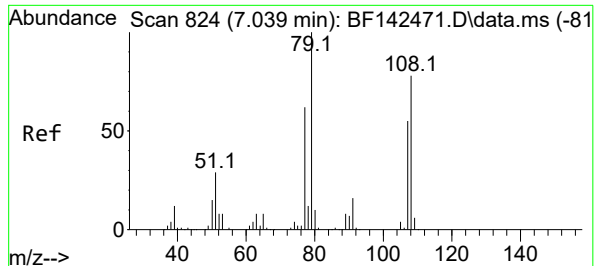
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.4

111 43.6 35.0 52.6





#15

Benzyl Alcohol

Concen: 77.750 ng

RT: 7.045 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

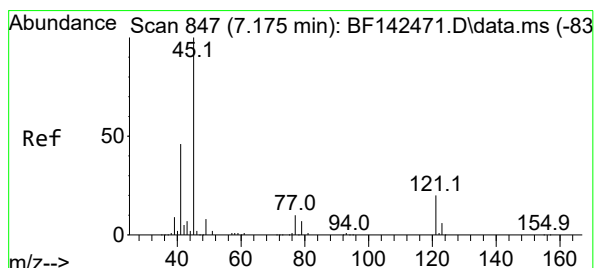
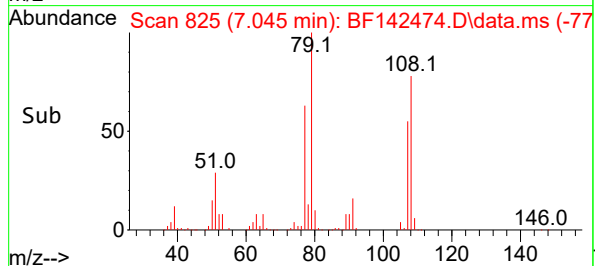
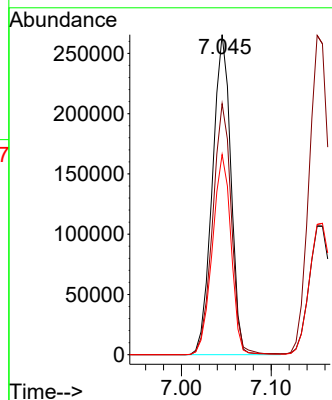
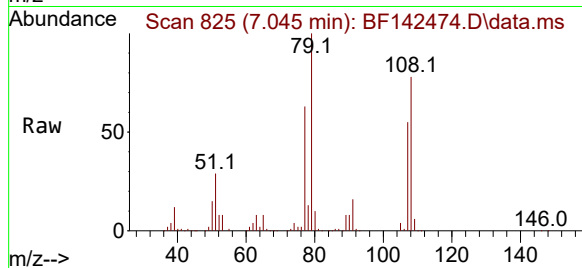
Tgt Ion: 79 Resp: 381381

Ion Ratio Lower Upper

79 100

108 78.5 62.1 93.1

77 62.5 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 73.497 ng

RT: 7.181 min Scan# 848

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

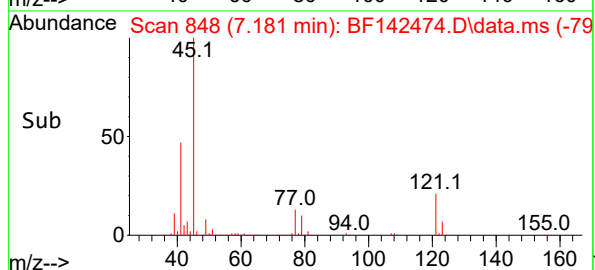
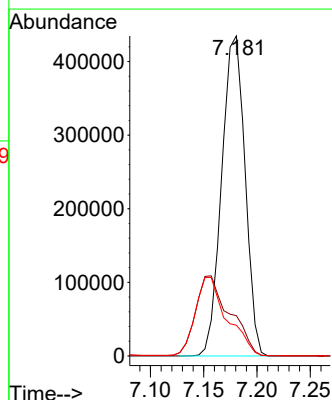
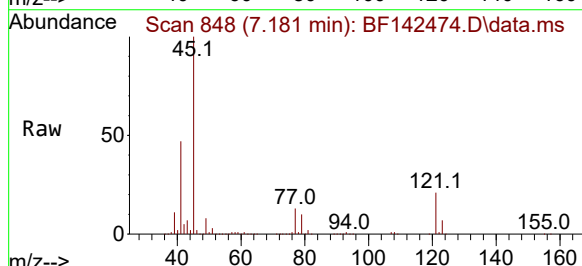
Tgt Ion: 45 Resp: 663576

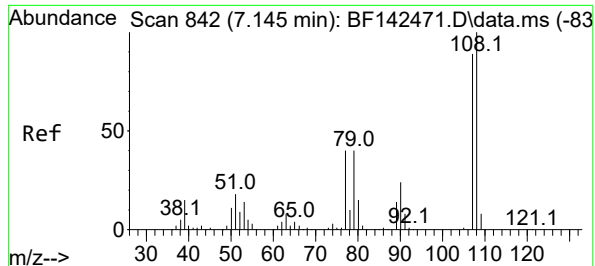
Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.0

79 9.6 0.0 29.2

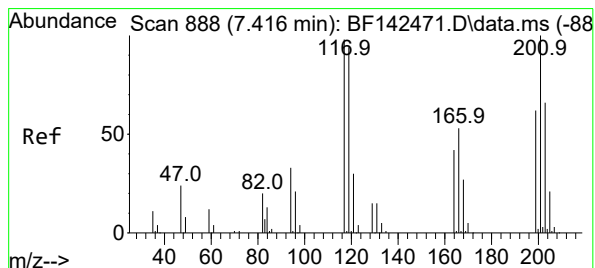
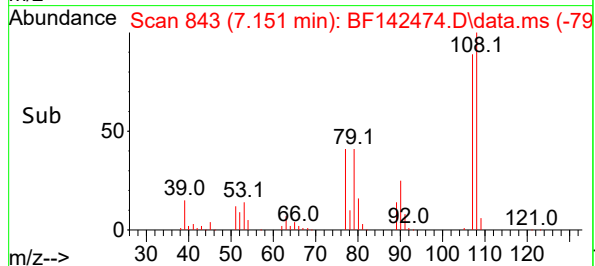
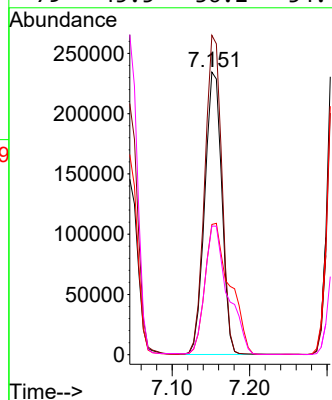
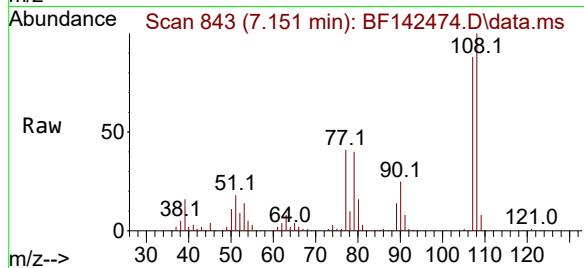




#17
2-Methylphenol
Concen: 76.467 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

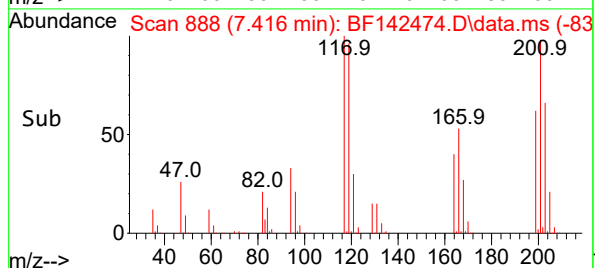
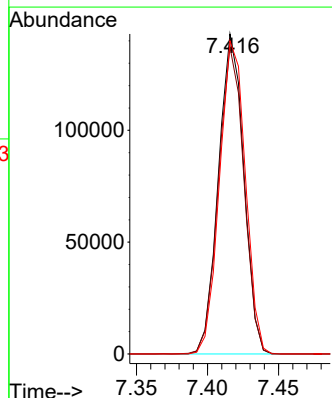
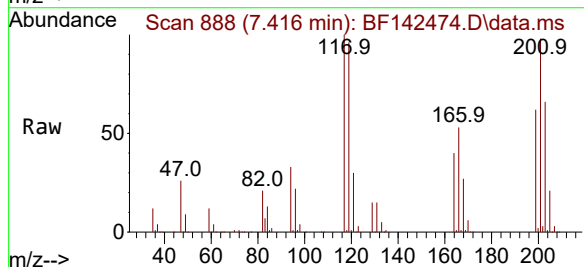
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

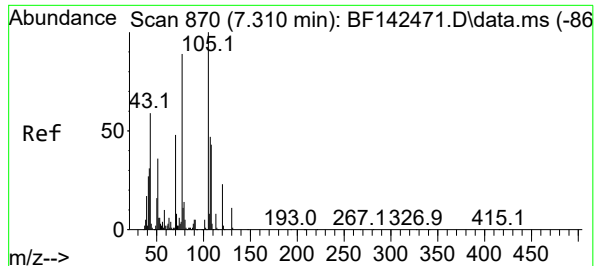
Tgt Ion:107 Resp: 358569
Ion Ratio Lower Upper
107 100
108 113.0 90.2 135.2
77 46.1 36.1 54.1
79 45.5 36.2 54.4



#18
Hexachloroethane
Concen: 75.267 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:117 Resp: 177426
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8
201 97.9 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 73.987 ng

RT: 7.328 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 304362

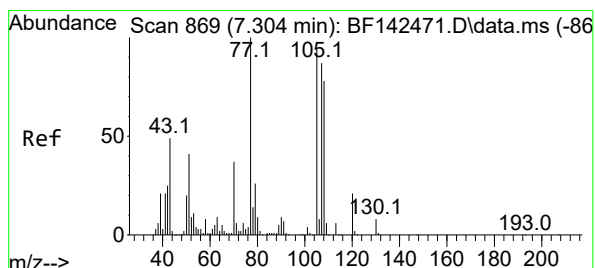
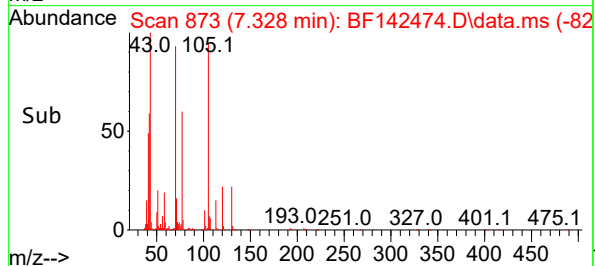
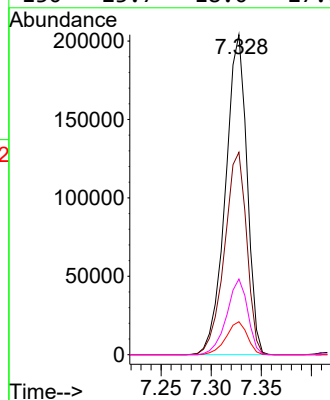
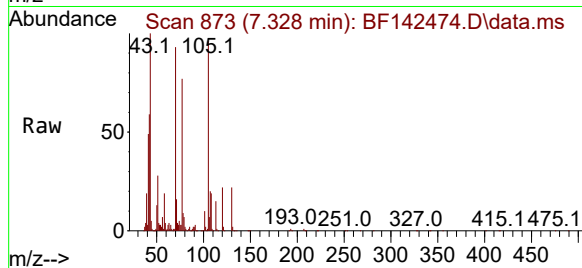
Ion Ratio Lower Upper

70 100

42 63.3 52.4 78.6

101 10.3 7.8 11.8

130 23.7 18.0 27.0



#20

3+4-Methylphenols

Concen: 71.097 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Tgt Ion: 107 Resp: 426933

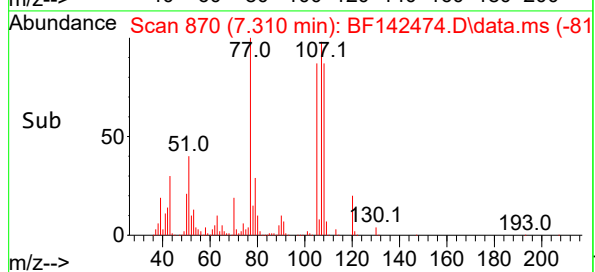
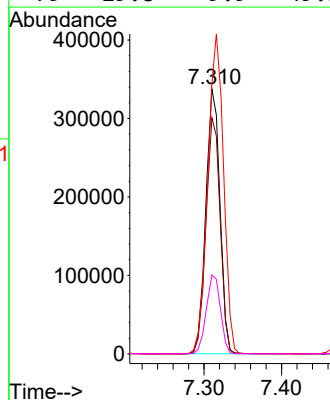
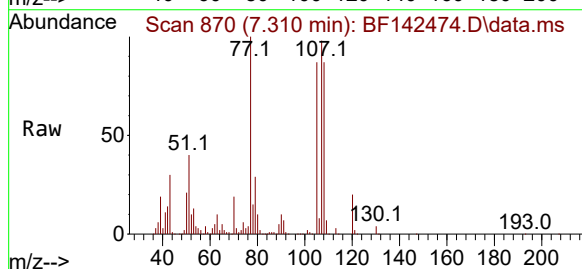
Ion Ratio Lower Upper

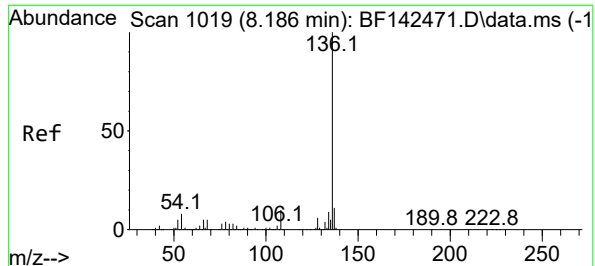
107 100

108 89.2 70.4 110.4

77 102.1 95.4 135.4

79 29.8 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 358380

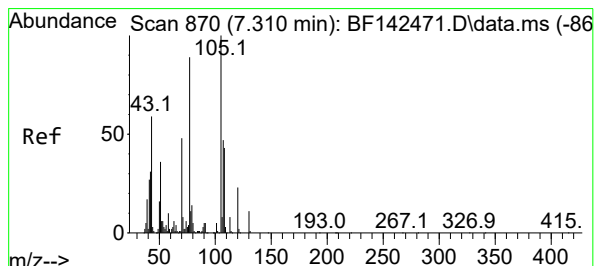
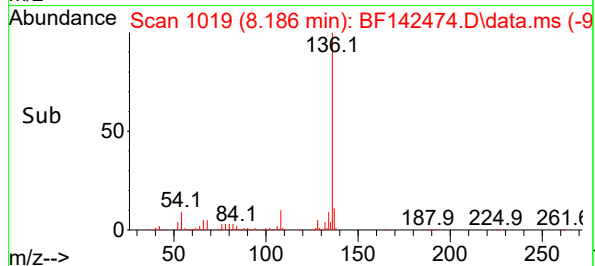
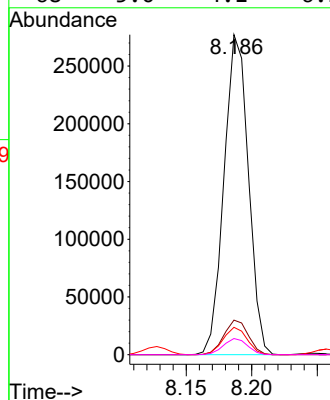
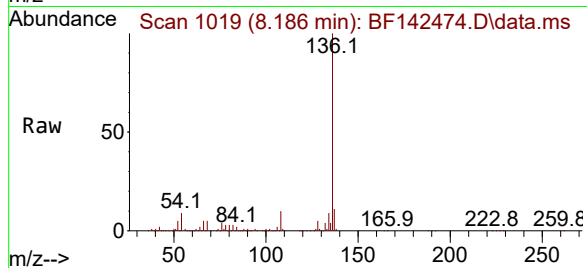
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 6.6 10.0

68 5.0 4.1 6.1



#22

Acetophenone

Concen: 72.072 ng

RT: 7.316 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Tgt Ion:105 Resp: 571777

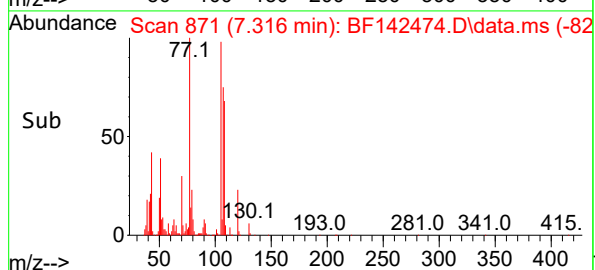
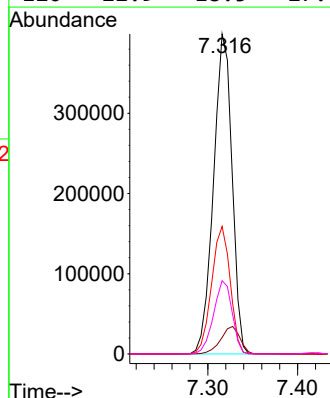
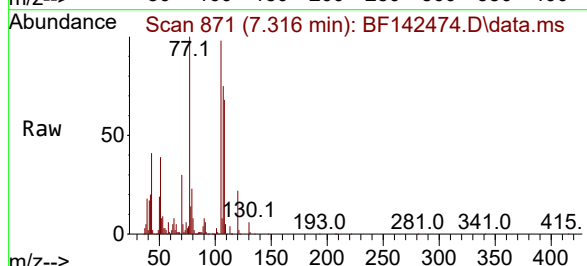
Ion Ratio Lower Upper

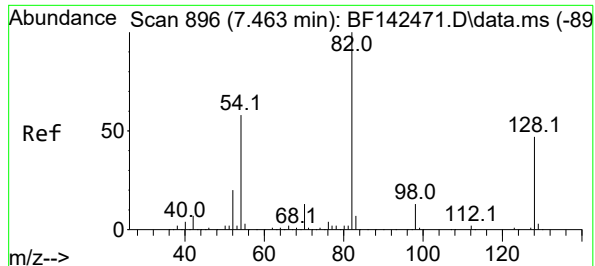
105 100

71 5.2 6.4 9.6#

51 39.9 28.6 42.8

120 22.9 18.5 27.7

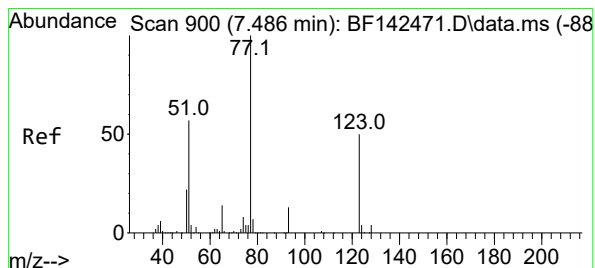
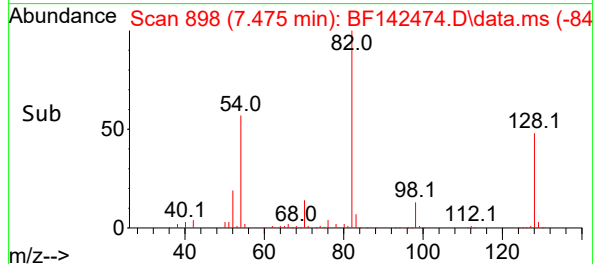
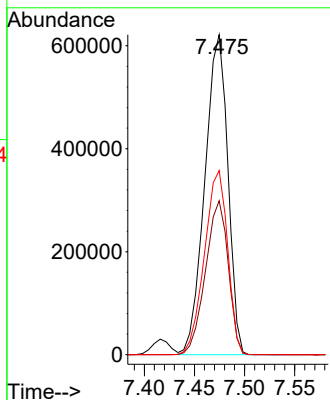
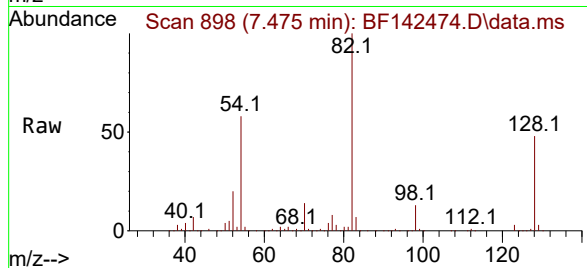




#23
Nitrobenzene-d5
Concen: 151.205 ng
RT: 7.475 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

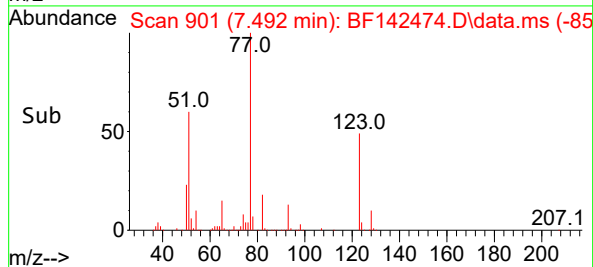
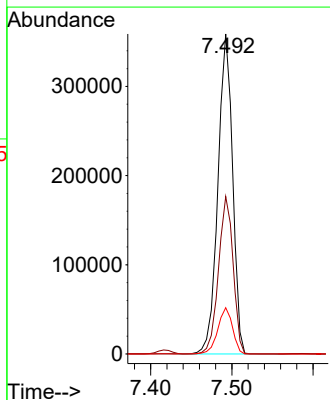
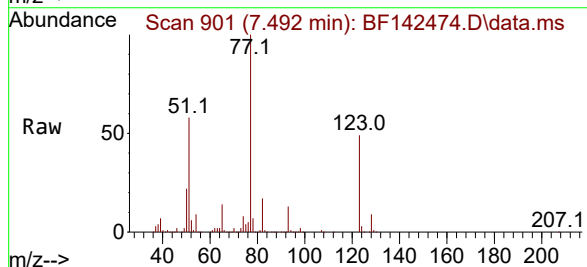
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

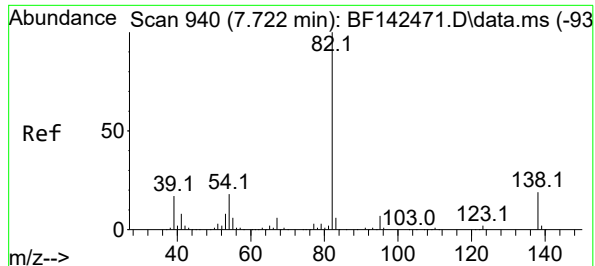
Tgt Ion: 82 Resp: 993768
Ion Ratio Lower Upper
82 100
128 48.1 37.4 56.2
54 57.5 46.6 70.0



#24
Nitrobenzene
Concen: 76.309 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 77 Resp: 452330
Ion Ratio Lower Upper
77 100
123 49.2 40.6 61.0
65 14.5 11.4 17.2





#25

Isophorone

Concen: 76.321 ng

RT: 7.733 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

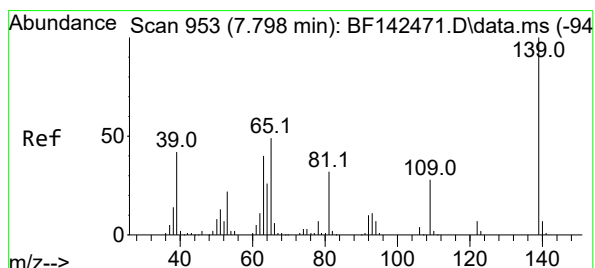
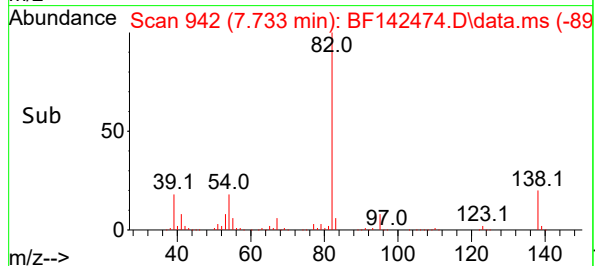
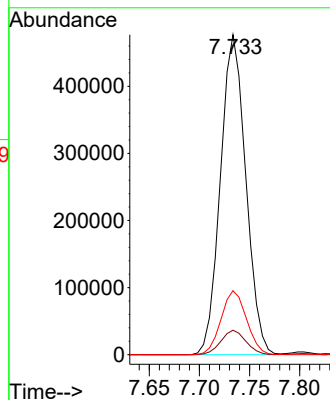
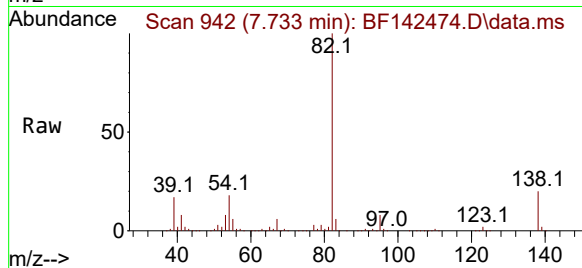
Tgt Ion: 82 Resp: 838652

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

138 20.0 15.5 23.3



#26

2-Nitrophenol

Concen: 78.434 ng

RT: 7.804 min Scan# 954

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

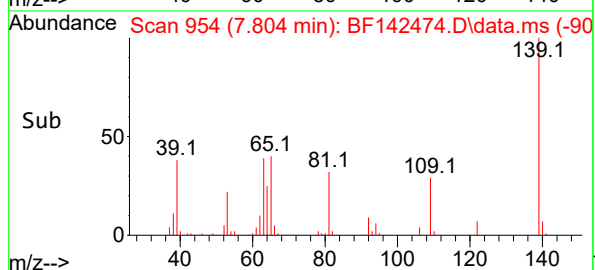
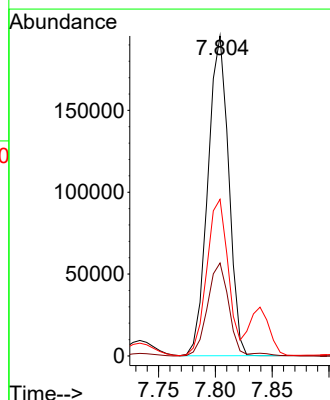
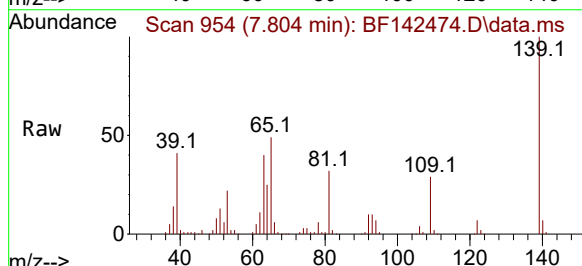
Tgt Ion:139 Resp: 248427

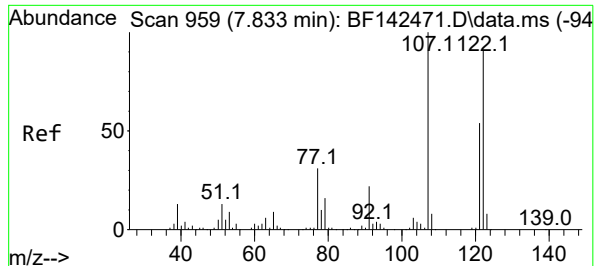
Ion Ratio Lower Upper

139 100

109 29.1 22.6 33.8

65 48.9 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 75.623 ng

RT: 7.839 min Scan# 9

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

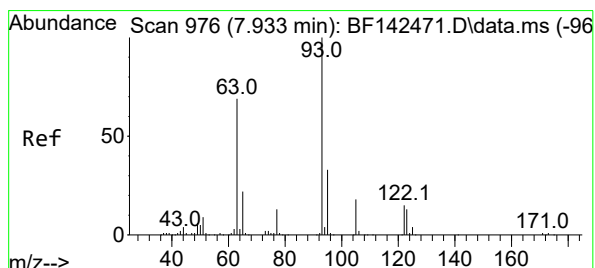
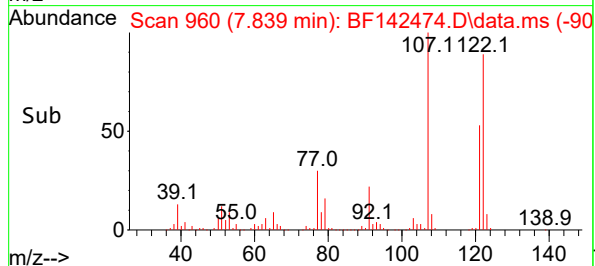
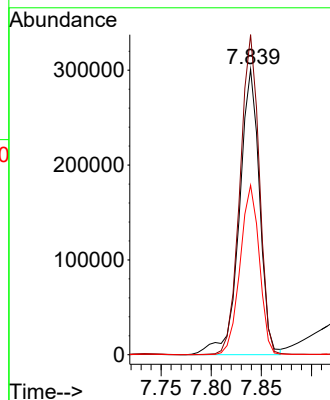
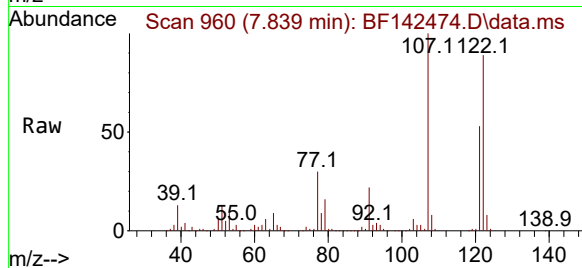
Tgt Ion:122 Resp: 422403

Ion Ratio Lower Upper

122 100

107 112.1 88.1 132.1

121 59.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 74.744 ng

RT: 7.939 min Scan# 977

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

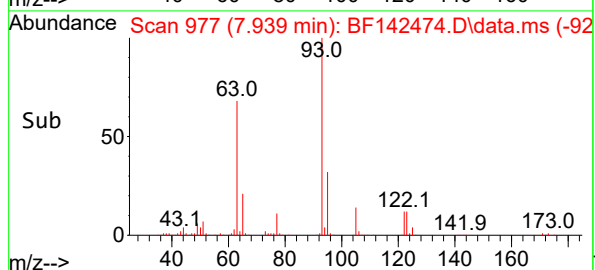
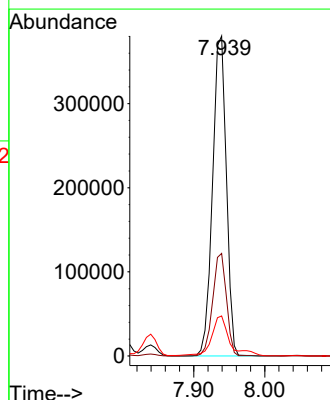
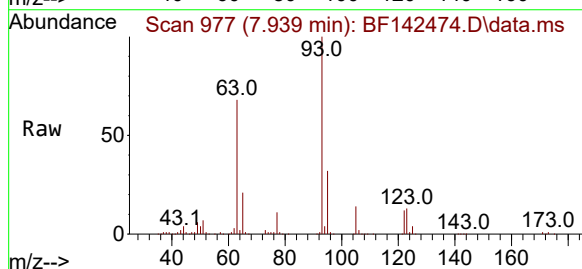
Tgt Ion: 93 Resp: 513063

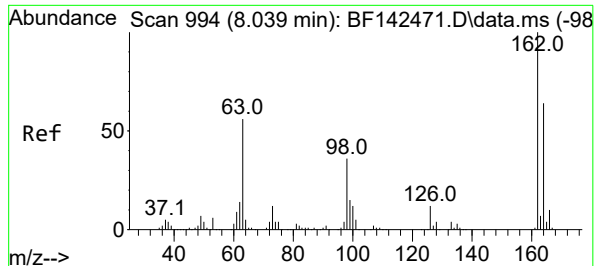
Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

123 12.5 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 75.121 ng

RT: 8.045 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

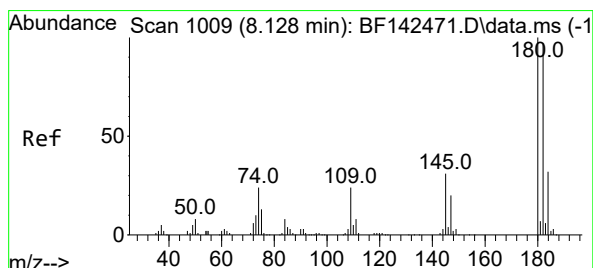
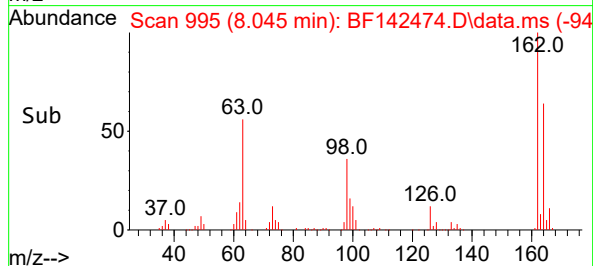
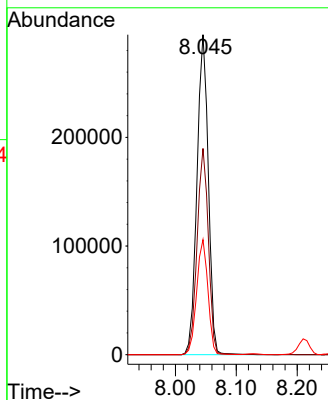
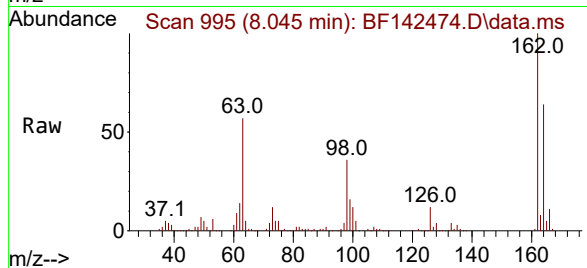
Tgt Ion:162 Resp: 381590

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 36.0 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 73.801 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

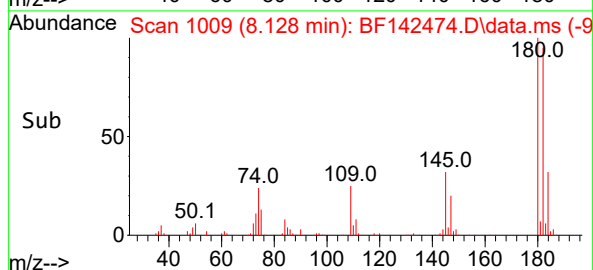
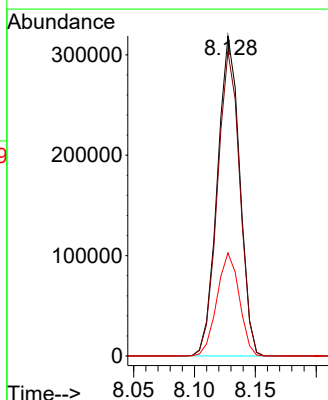
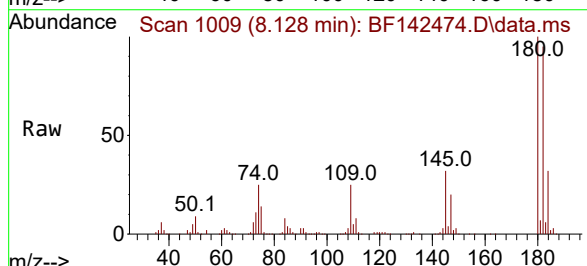
Tgt Ion:180 Resp: 406857

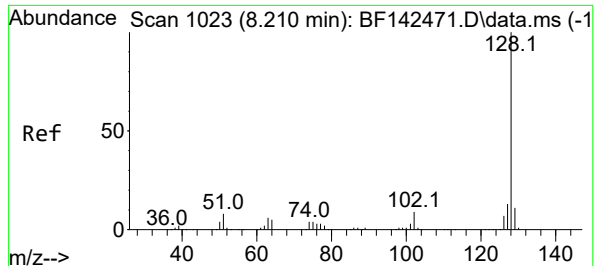
Ion Ratio Lower Upper

180 100

182 95.1 78.0 117.0

145 32.2 25.0 37.6





#31

Naphthalene

Concen: 72.369 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

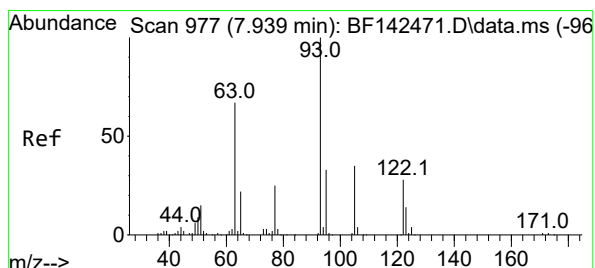
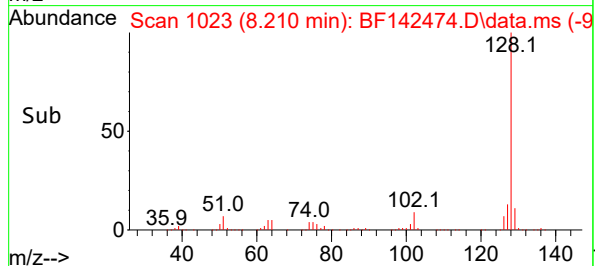
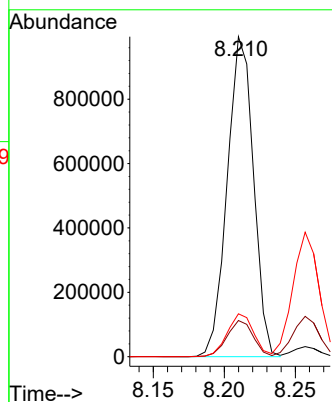
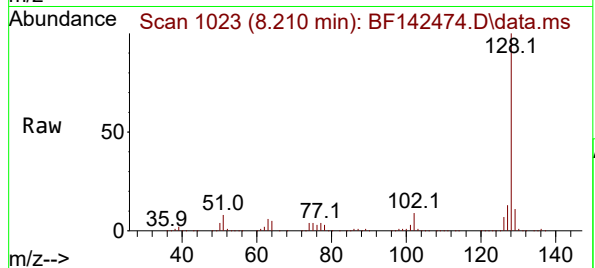
Tgt Ion:128 Resp: 1277048

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.4 10.5 15.7



#32

Benzoic acid

Concen: 84.918 ng

RT: 7.975 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

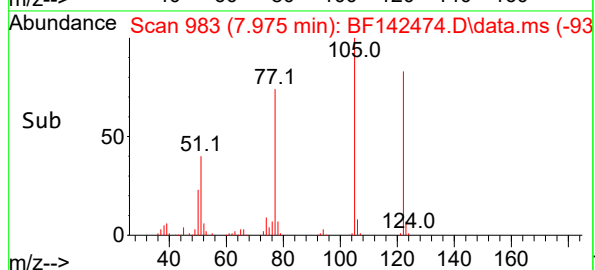
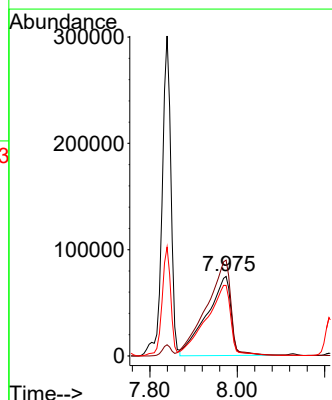
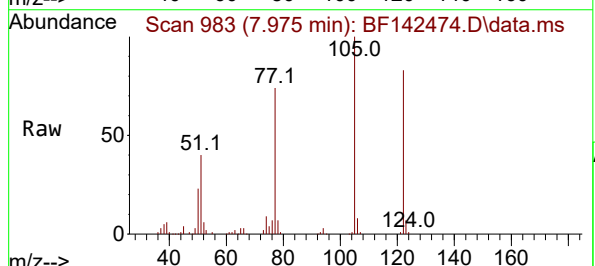
Tgt Ion:122 Resp: 288731

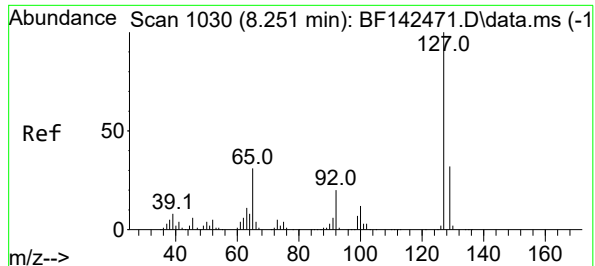
Ion Ratio Lower Upper

122 100

105 120.5 101.7 141.7

77 88.6 69.5 109.5





#33

4-Chloroaniline

Concen: 68.830 ng

RT: 8.257 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 492168

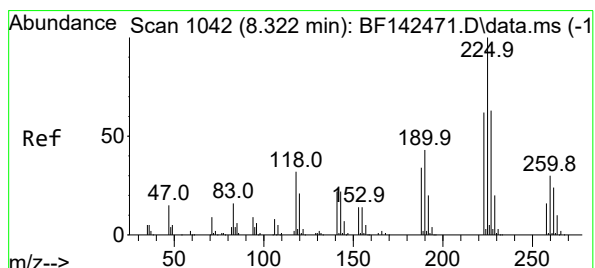
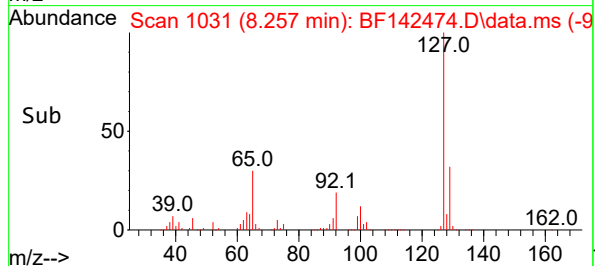
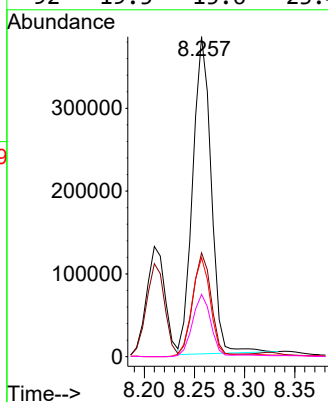
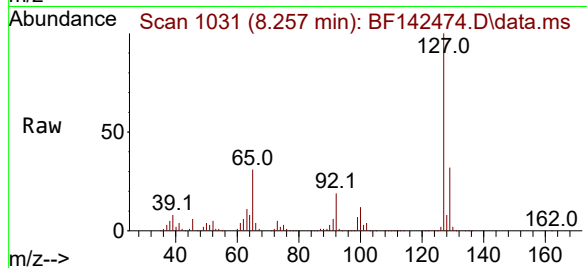
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 30.9 24.9 37.3

92 19.5 15.6 23.4



#34

Hexachlorobutadiene

Concen: 73.338 ng

RT: 8.328 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

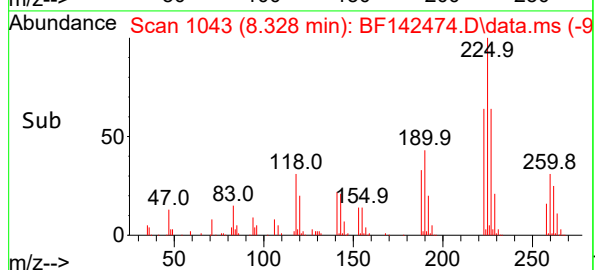
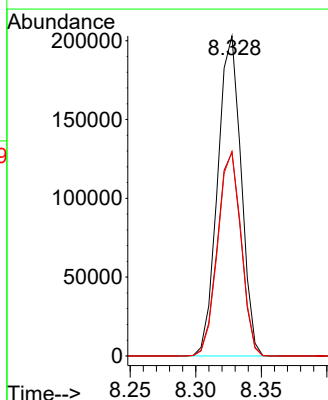
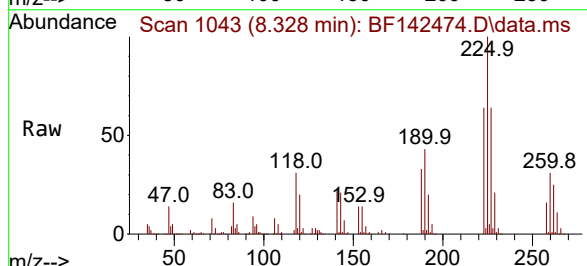
Tgt Ion:225 Resp: 252445

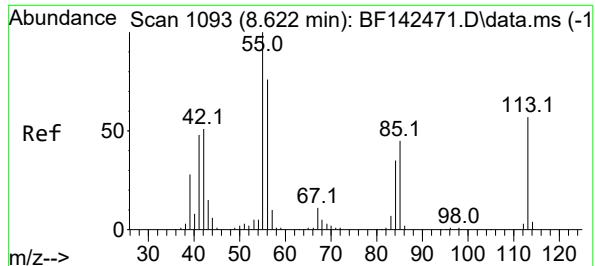
Ion Ratio Lower Upper

225 100

223 63.6 49.7 74.5

227 63.9 50.3 75.5





#35

Caprolactam

Concen: 76.565 ng

RT: 8.645 min Scan# 1097

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

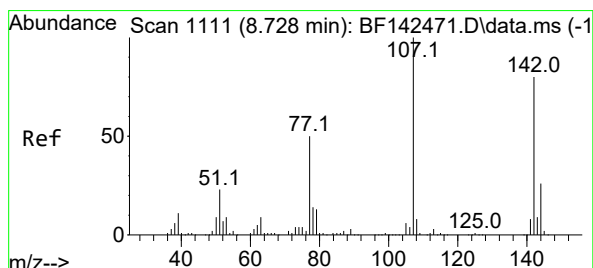
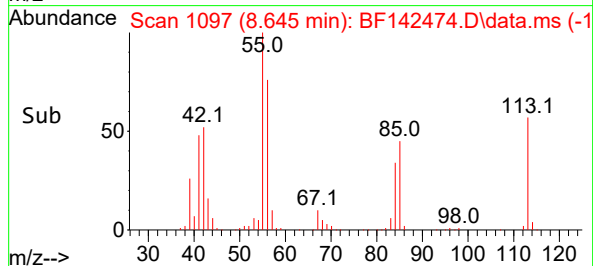
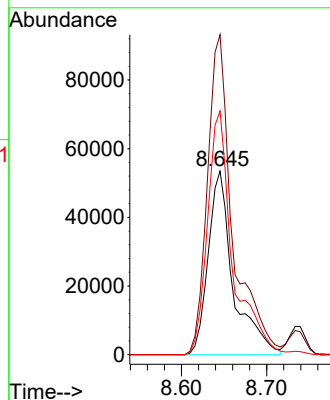
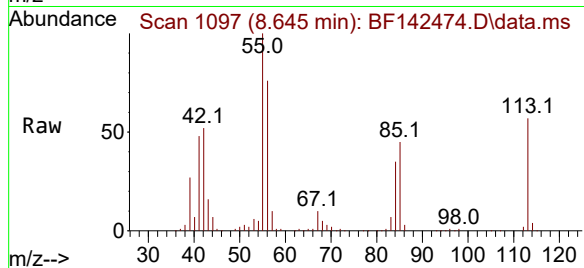
Tgt Ion:113 Resp: 109232

Ion Ratio Lower Upper

113 100

55 174.4 154.7 194.7

56 132.8 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 74.674 ng

RT: 8.739 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

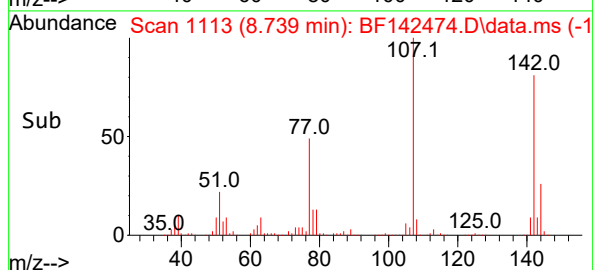
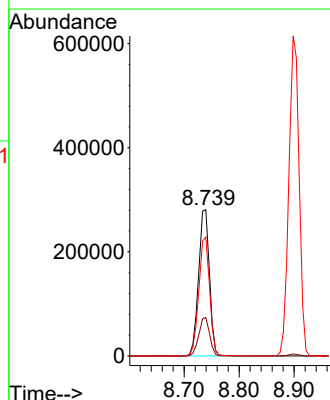
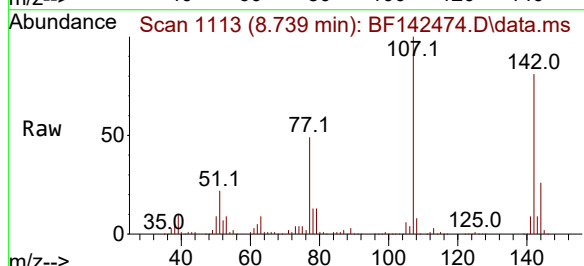
Tgt Ion:107 Resp: 388740

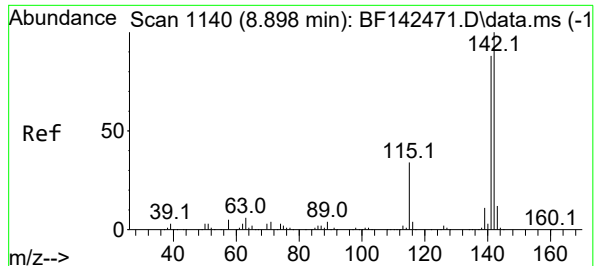
Ion Ratio Lower Upper

107 100

144 26.3 20.9 31.3

142 81.3 64.2 96.2





#37

2-Methylnaphthalene

Concen: 71.742 ng

RT: 8.898 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

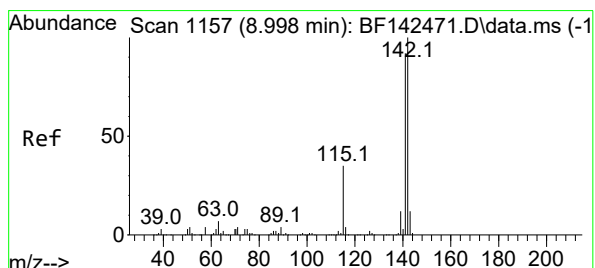
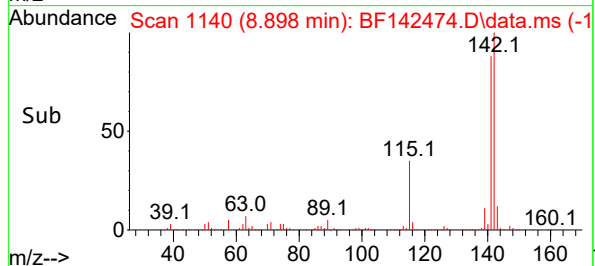
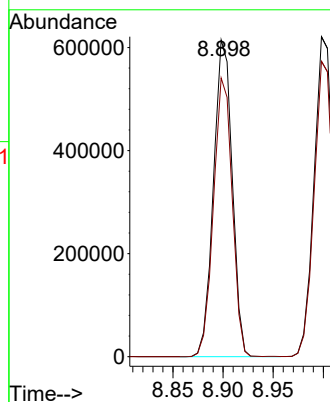
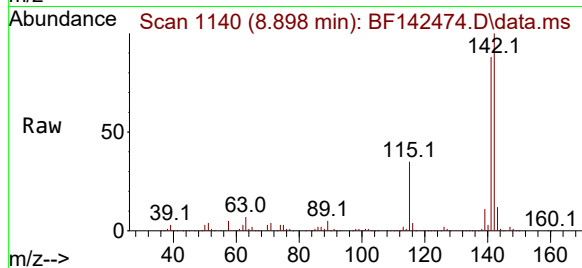
SSTDICC080

Tgt Ion:142 Resp: 796463

Ion Ratio Lower Upper

142 100

141 88.0 70.7 106.1



#38

1-Methylnaphthalene

Concen: 70.689 ng

RT: 8.998 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF142474.D

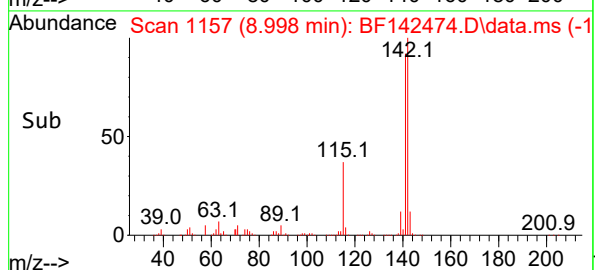
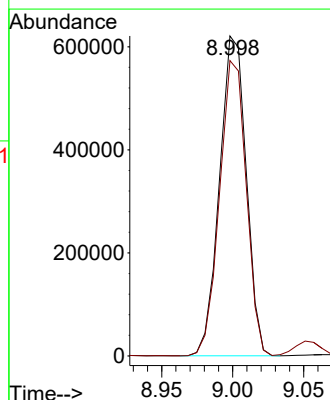
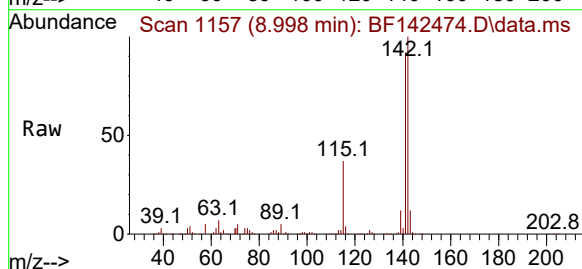
Acq: 20 May 2025 15:31

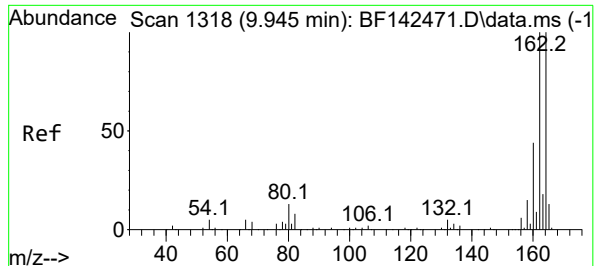
Tgt Ion:142 Resp: 811747

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF142474.D

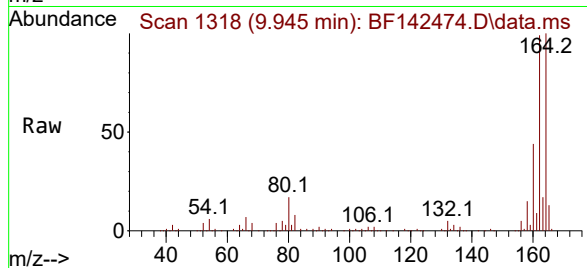
Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



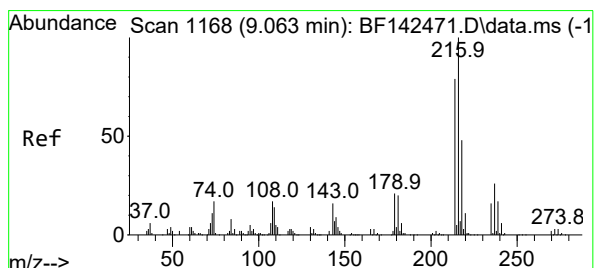
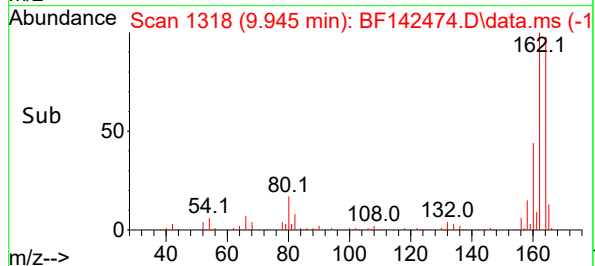
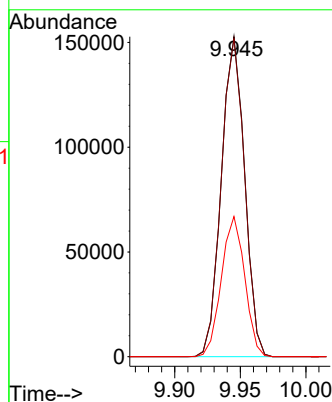
Tgt Ion:164 Resp: 188198

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.4

160 43.8 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 75.740 ng

RT: 9.069 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Tgt Ion:216 Resp: 409177

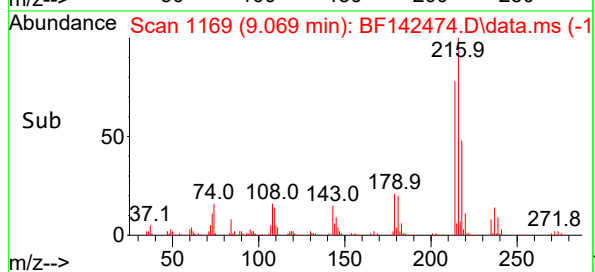
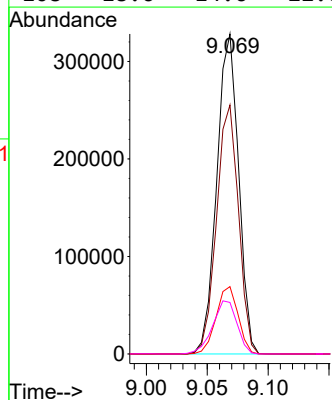
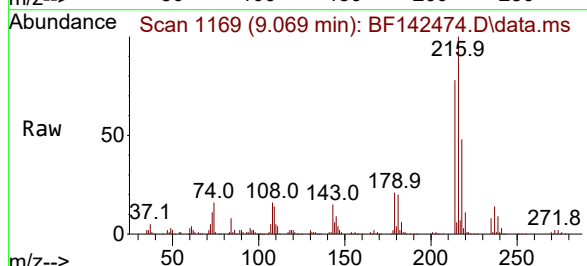
Ion Ratio Lower Upper

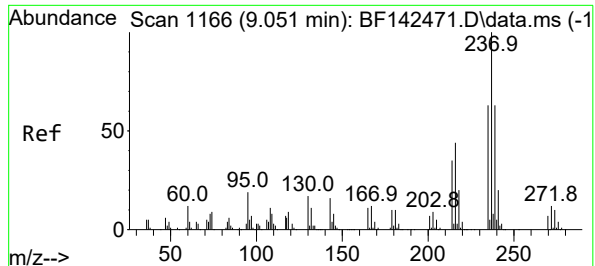
216 100

214 78.2 62.9 94.3

179 21.3 16.9 25.3

108 18.6 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 84.936 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

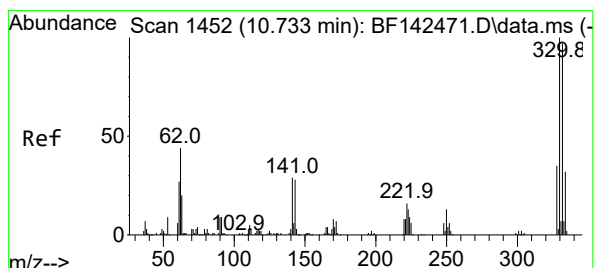
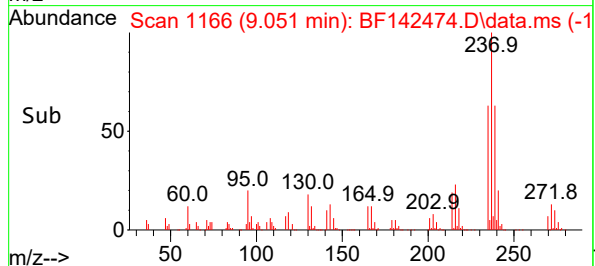
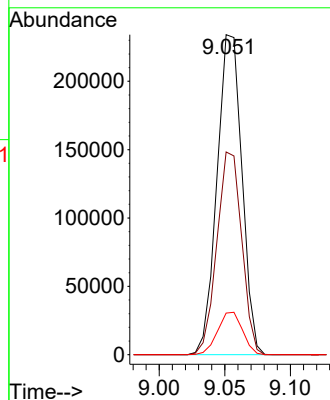
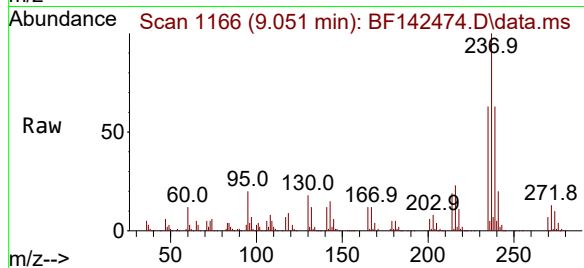
Tgt Ion:237 Resp: 309537

Ion Ratio Lower Upper

237 100

235 63.4 43.3 83.3

272 13.0 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 145.927 ng

RT: 10.739 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

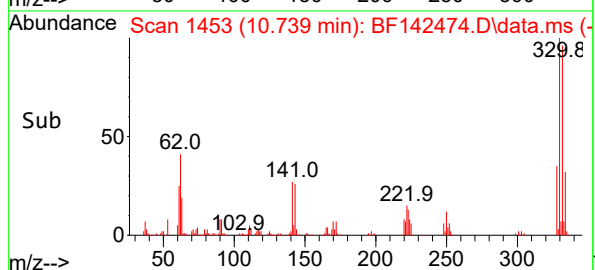
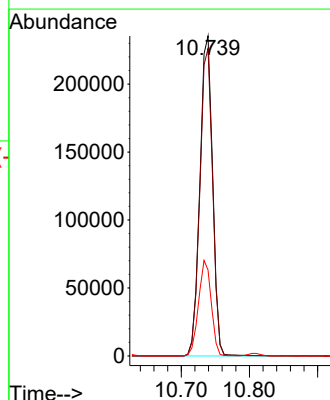
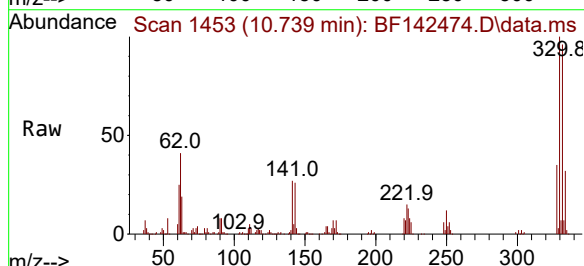
Tgt Ion:330 Resp: 304807

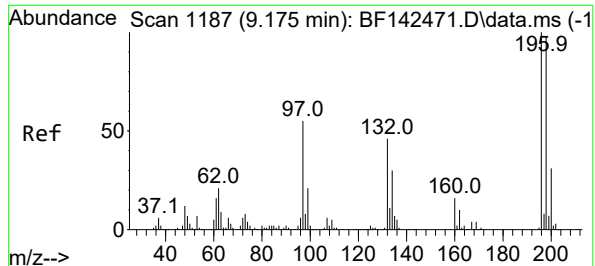
Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

141 29.7 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 78.254 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142474.D

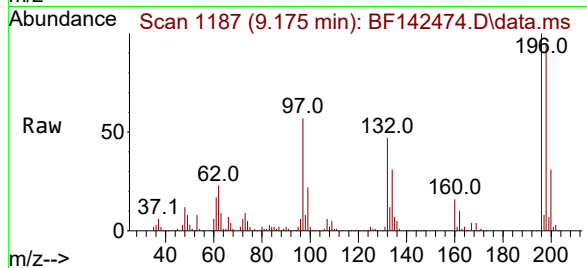
Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



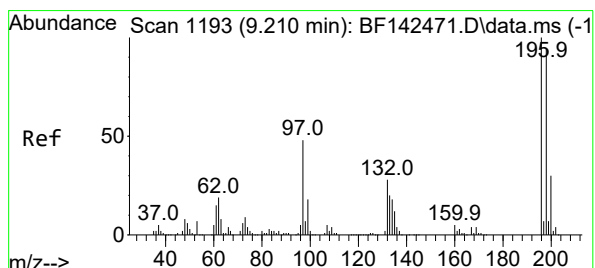
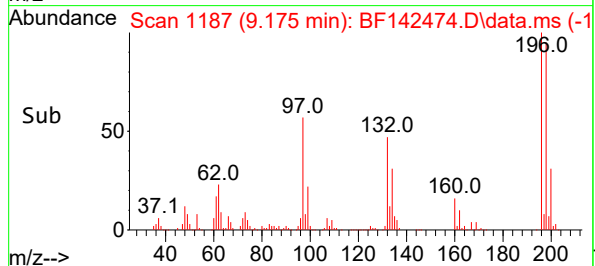
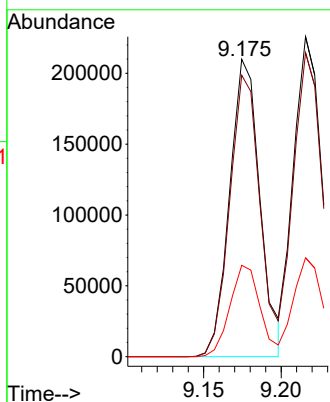
Tgt Ion:196 Resp: 285072

Ion Ratio Lower Upper

196 100

198 94.6 78.8 118.2

200 30.7 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 74.712 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Tgt Ion:196 Resp: 287041

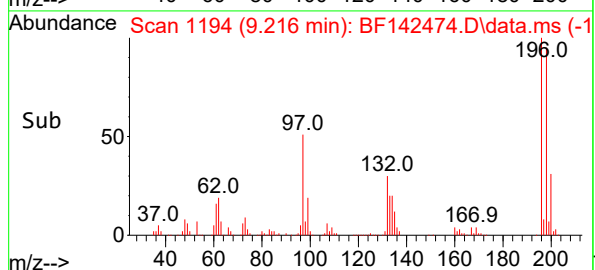
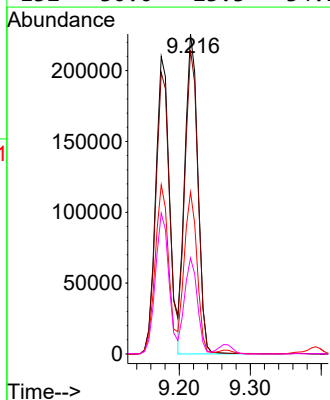
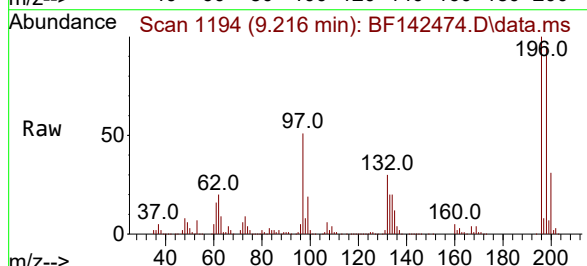
Ion Ratio Lower Upper

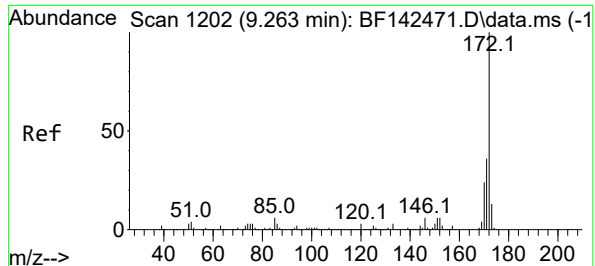
196 100

198 95.0 75.5 113.3

97 50.6 39.3 58.9

132 30.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 136.080 ng

RT: 9.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

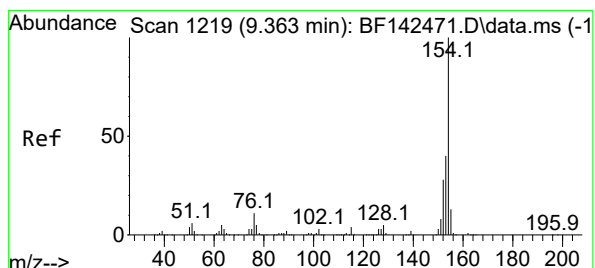
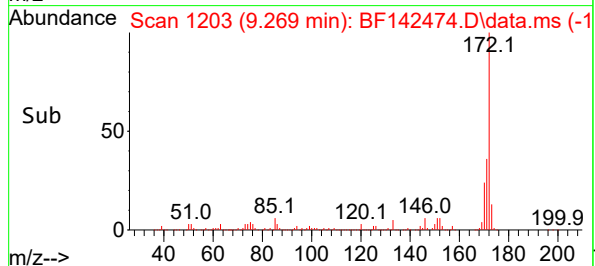
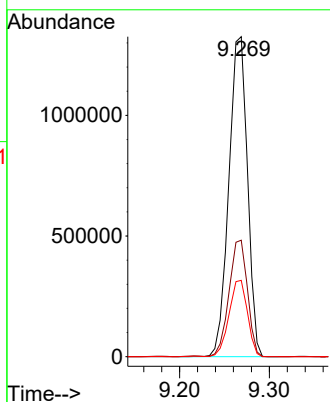
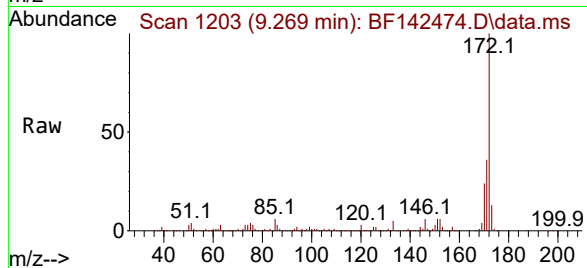
Tgt Ion:172 Resp: 1908541

Ion Ratio Lower Upper

172 100

171 36.4 28.6 42.8

170 23.9 18.9 28.3



#46

1,1'-Biphenyl

Concen: 72.584 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

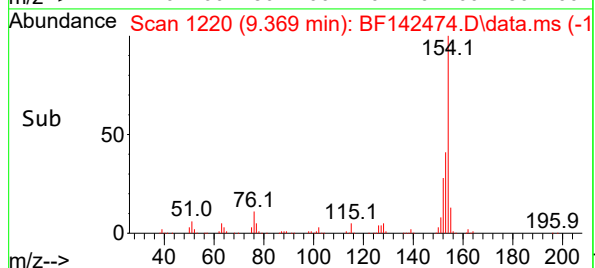
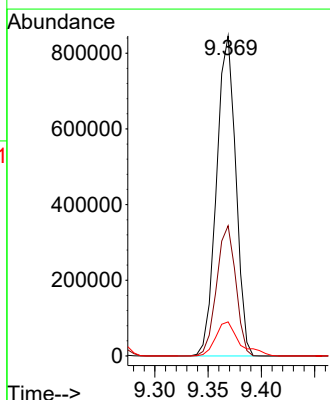
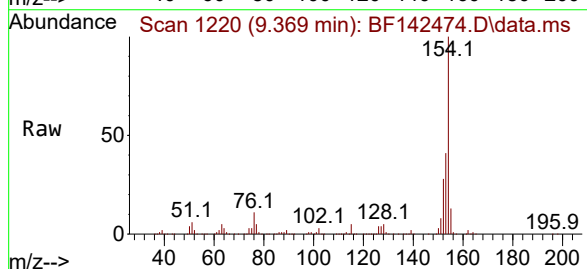
Tgt Ion:154 Resp: 1059787

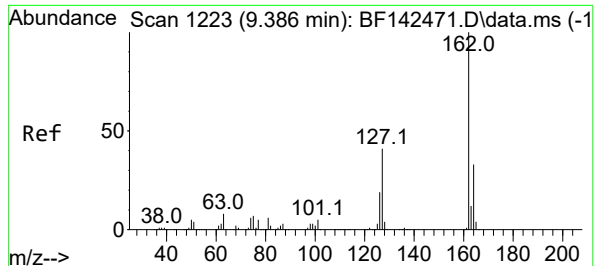
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 10.7 0.0 30.8





#47

2-Chloronaphthalene

Concen: 74.024 ng

RT: 9.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

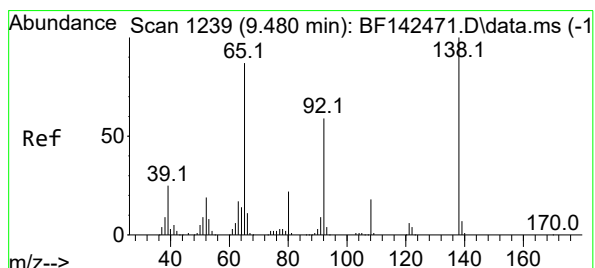
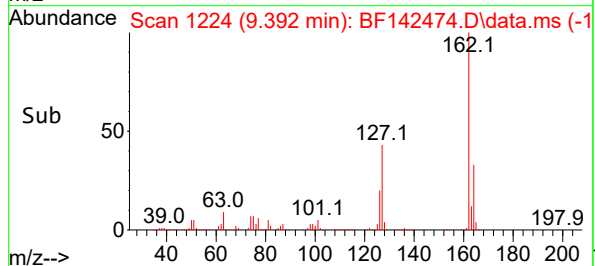
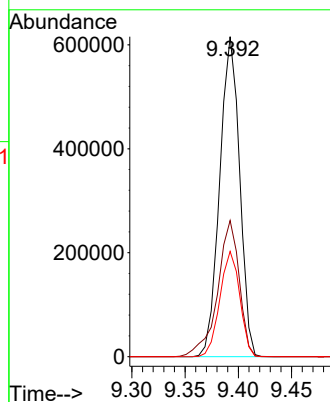
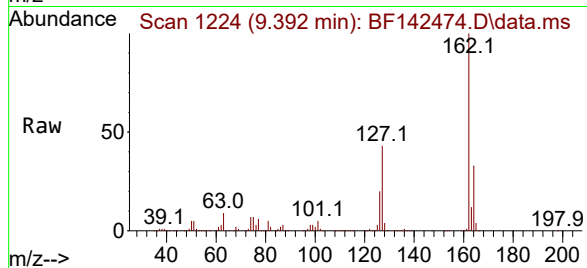
Tgt Ion:162 Resp: 798539

Ion Ratio Lower Upper

162 100

127 42.6 33.5 50.3

164 32.9 26.1 39.1



#48

2-Nitroaniline

Concen: 77.343 ng

RT: 9.486 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

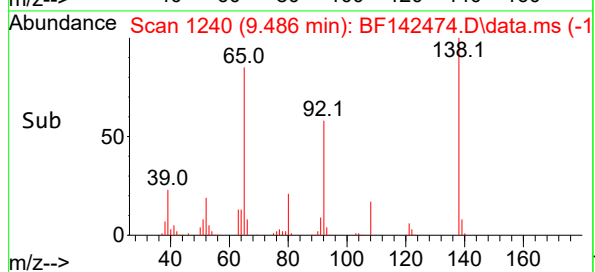
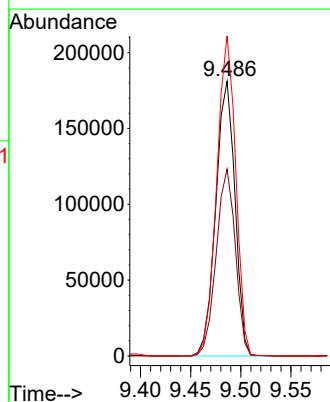
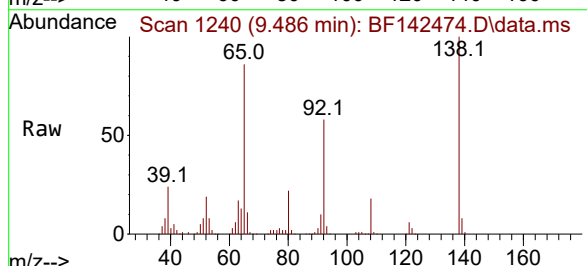
Tgt Ion: 65 Resp: 241162

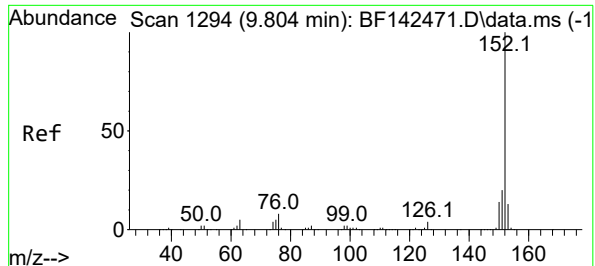
Ion Ratio Lower Upper

65 100

92 68.1 54.4 81.6

138 116.5 91.4 137.2





#49

Acenaphthylene

Concen: 72.118 ng

RT: 9.810 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF142474.D

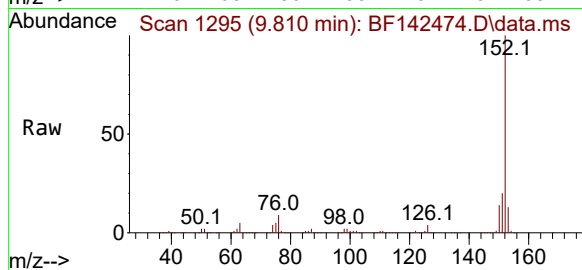
Acq: 20 May 2025 15:31

Instrument :

BNA_F

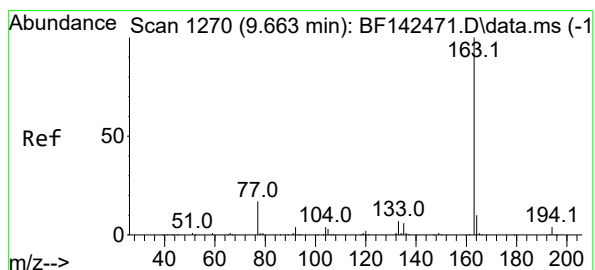
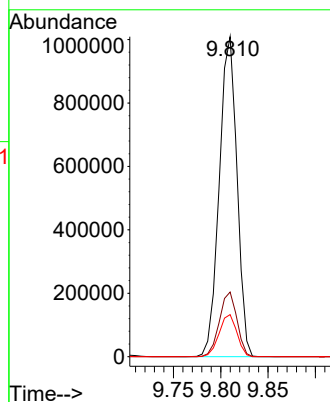
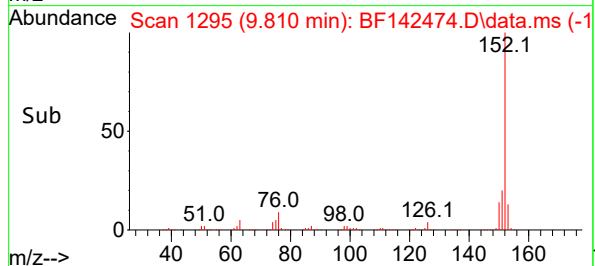
ClientSampleId :

SSTDICC080



Tgt Ion:152 Resp: 1313668

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.1	10.6	15.8



#50

Dimethylphthalate

Concen: 73.405 ng

RT: 9.669 min Scan# 1271

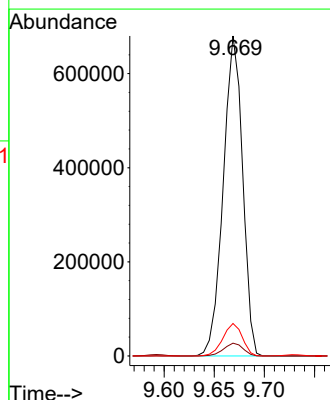
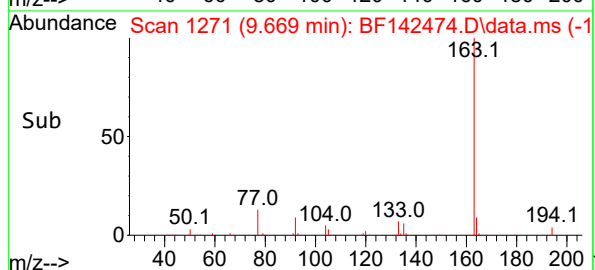
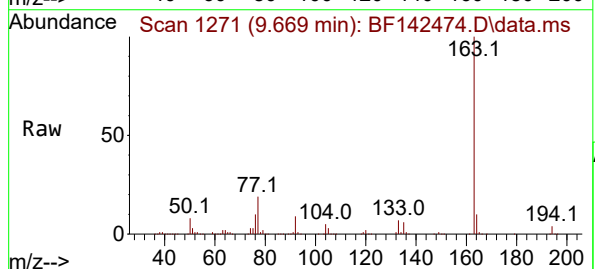
Delta R.T. 0.000 min

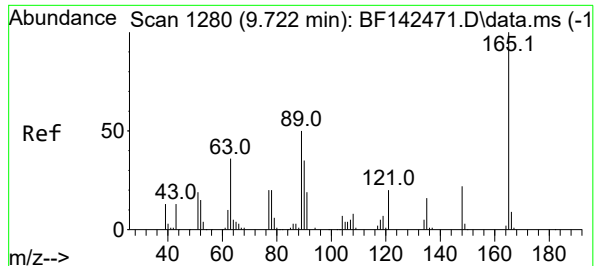
Lab File: BF142474.D

Acq: 20 May 2025 15:31

Tgt Ion:163 Resp: 911534

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	8.2	12.4

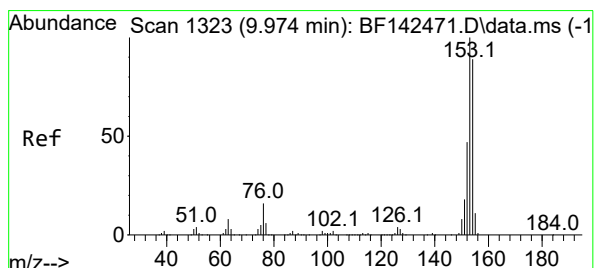
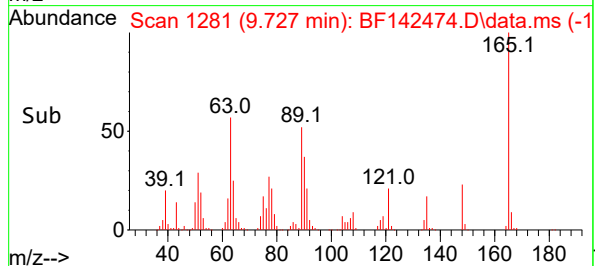
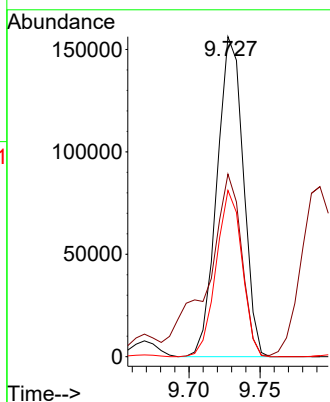
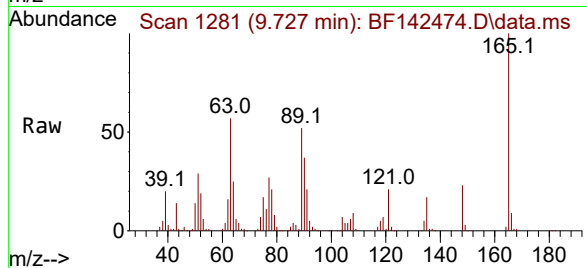




#51
2,6-Dinitrotoluene
Concen: 75.198 ng
RT: 9.727 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

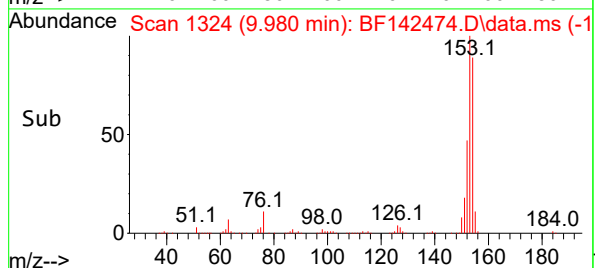
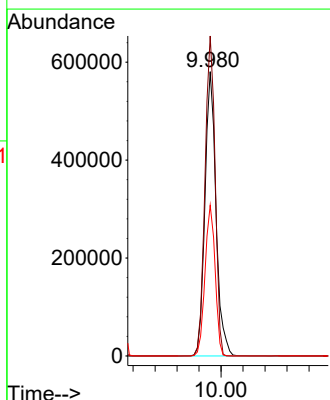
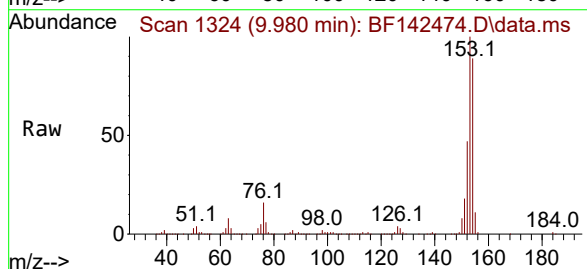
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

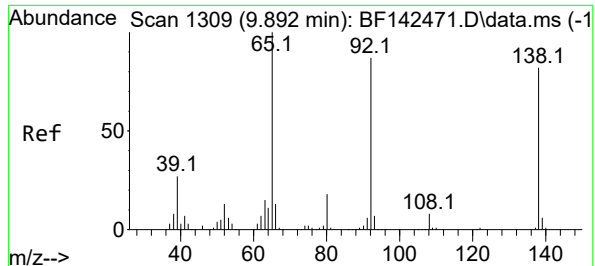
Tgt Ion:165 Resp: 201545
Ion Ratio Lower Upper
165 100
63 57.0 42.9 64.3
89 51.9 40.2 60.4



#52
Acenaphthene
Concen: 72.896 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:154 Resp: 810811
Ion Ratio Lower Upper
154 100
153 112.5 90.0 135.0
152 53.0 42.6 64.0

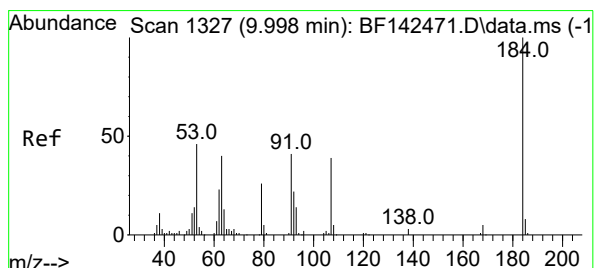
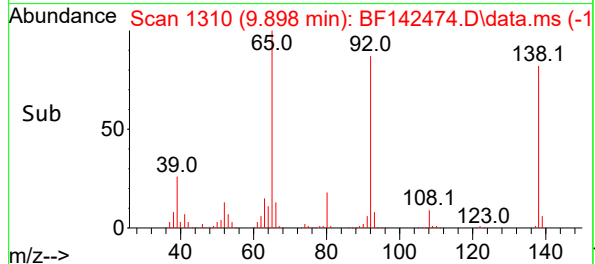
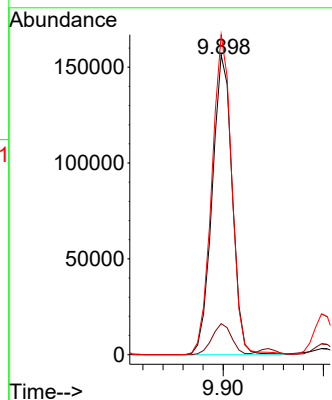
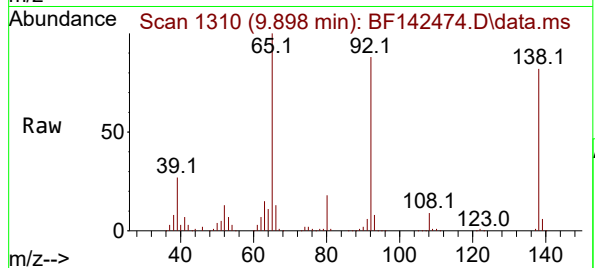




#53
3-Nitroaniline
Concen: 73.930 ng
RT: 9.898 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

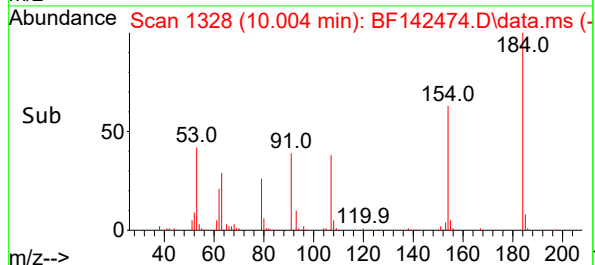
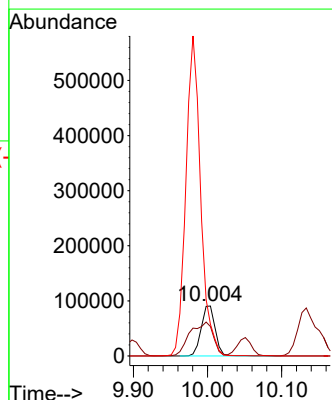
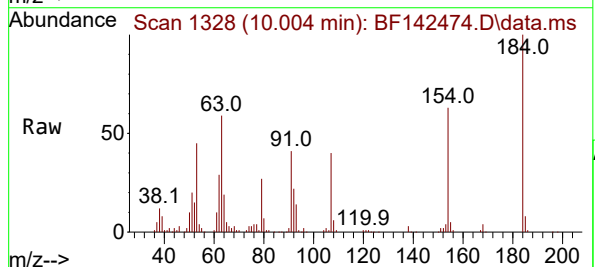
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

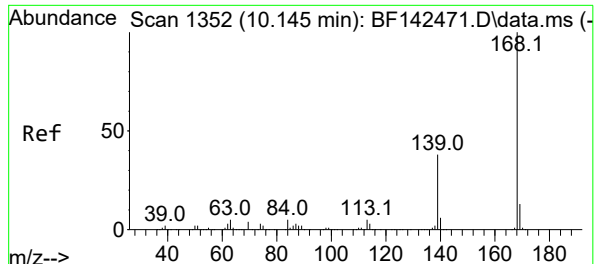
Tgt Ion:138 Resp: 216422
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 106.8 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 85.999 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:184 Resp: 119082
Ion Ratio Lower Upper
184 100
63 59.2 46.3 69.5
154 63.4 56.8 85.2





#55

Dibenzenofuran

Concen: 70.990 ng

RT: 10.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

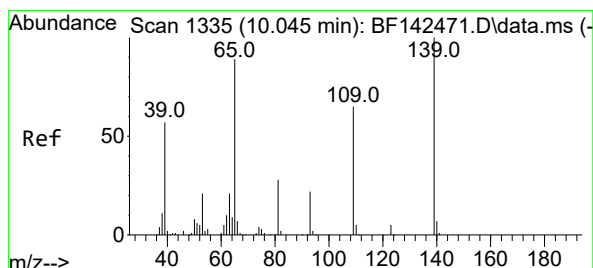
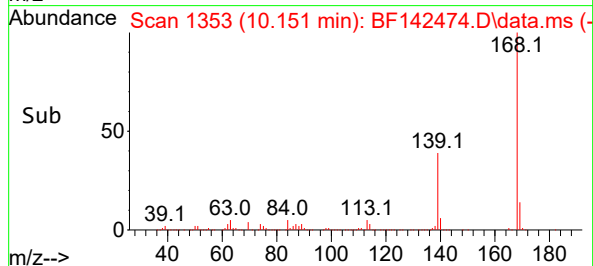
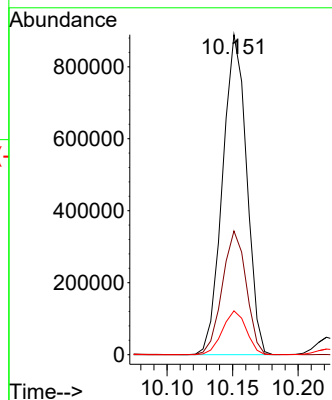
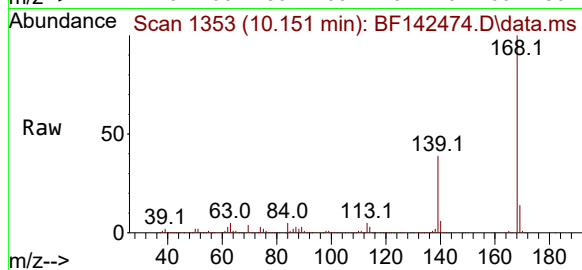
Tgt Ion:168 Resp: 1136276

Ion Ratio Lower Upper

168 100

139 38.6 30.2 45.2

169 13.7 10.7 16.1



#56

4-Nitrophenol

Concen: 76.638 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

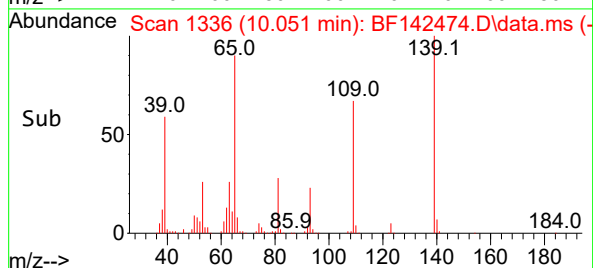
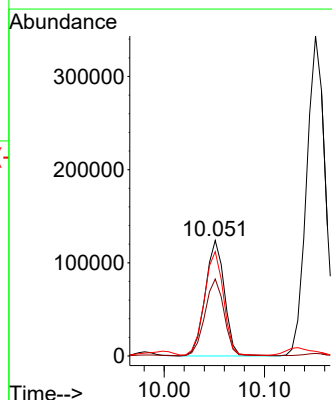
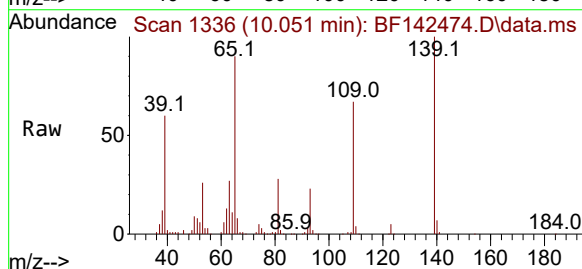
Tgt Ion:139 Resp: 165537

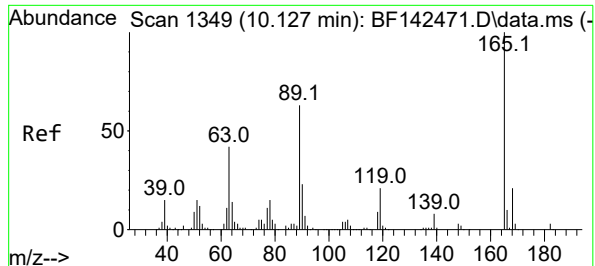
Ion Ratio Lower Upper

139 100

109 66.7 45.1 85.1

65 90.4 69.7 109.7

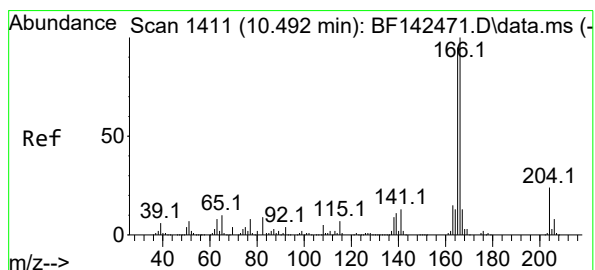
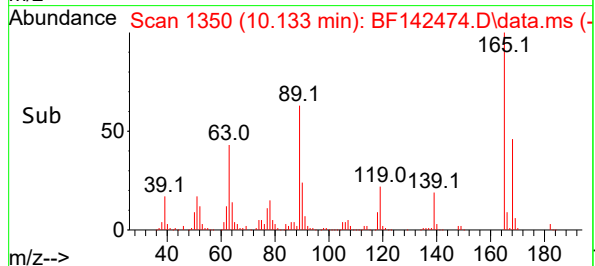
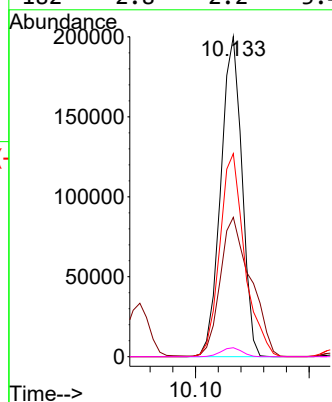
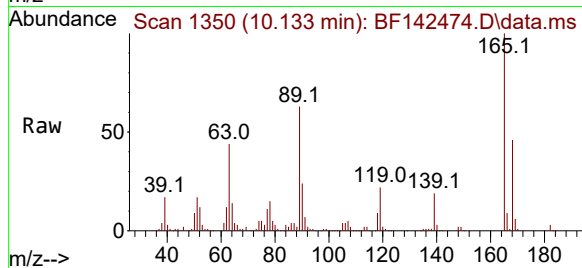




#57
2,4-Dinitrotoluene
Concen: 74.005 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

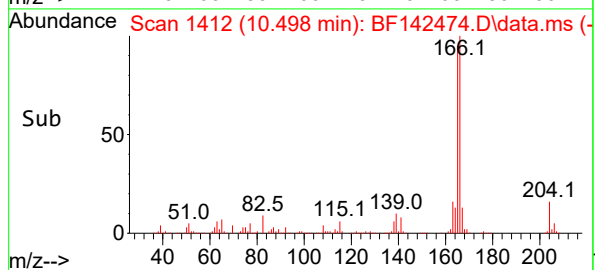
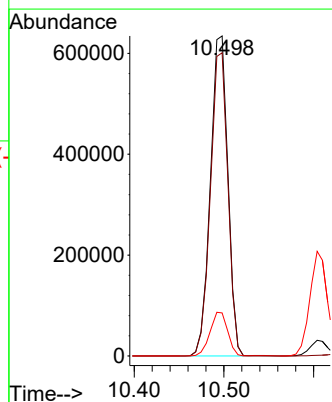
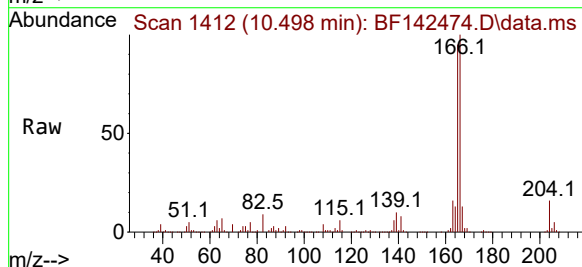
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

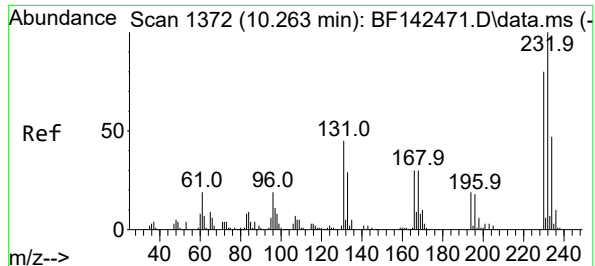
Tgt Ion:165 Resp: 259035
Ion Ratio Lower Upper
165 100
63 43.5 33.6 50.4
89 63.5 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 69.377 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:166 Resp: 857882
Ion Ratio Lower Upper
166 100
165 94.7 75.8 113.8
167 13.5 10.6 16.0

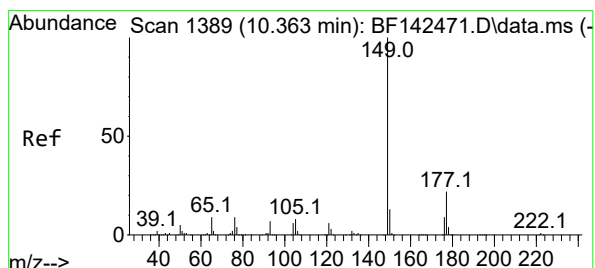
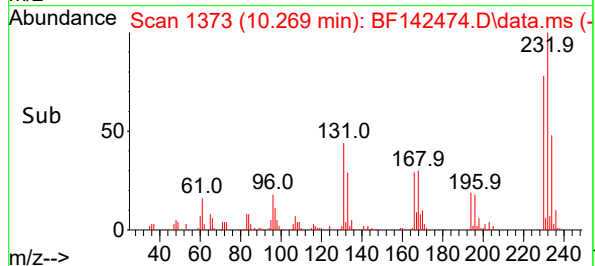
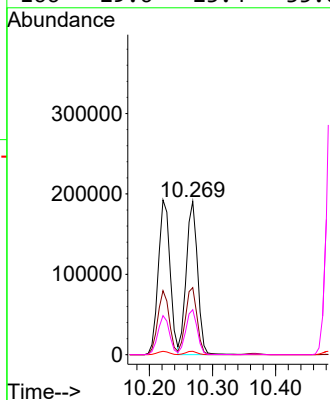
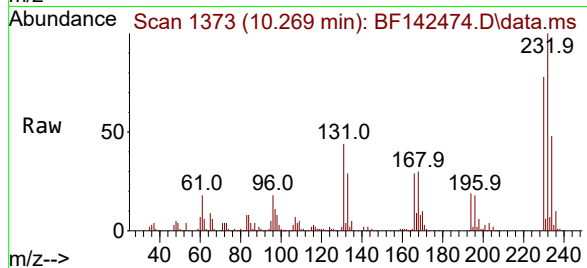




#59
2,3,4,6-Tetrachlorophenol
Concen: 74.324 ng
RT: 10.269 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

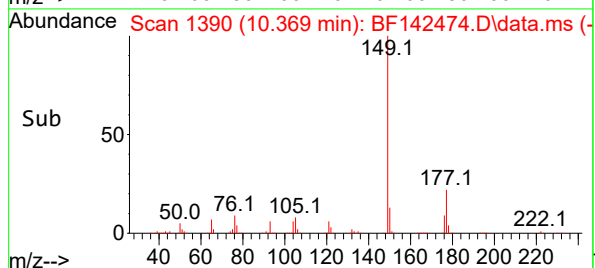
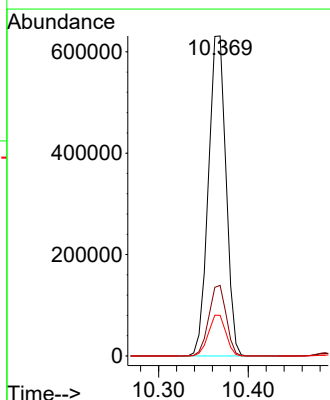
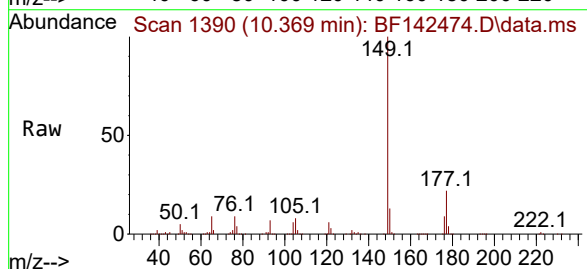
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

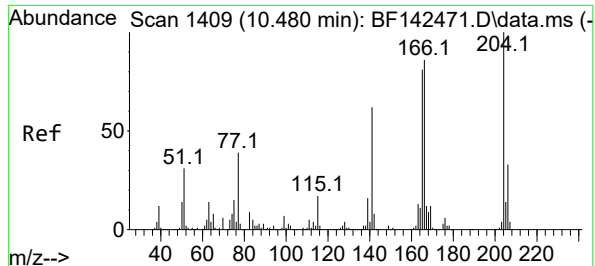
Tgt Ion:232 Resp: 238382
Ion Ratio Lower Upper
232 100
131 44.6 35.2 52.8
130 2.2 1.7 2.5
166 29.6 23.4 35.0



#60
Diethylphthalate
Concen: 70.773 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:149 Resp: 858326
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.7 10.1 15.1

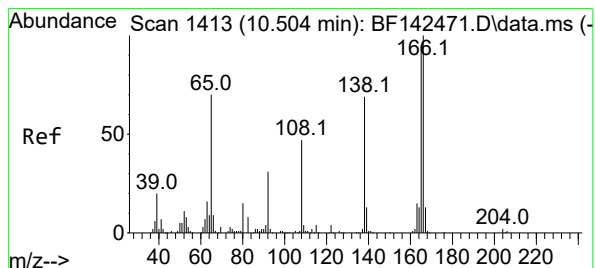
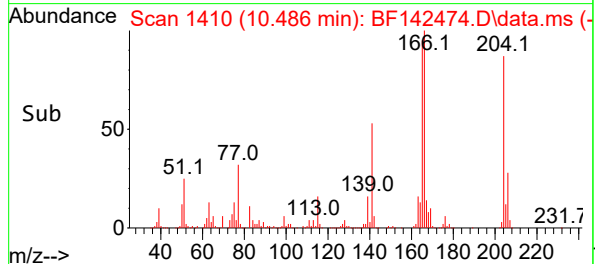
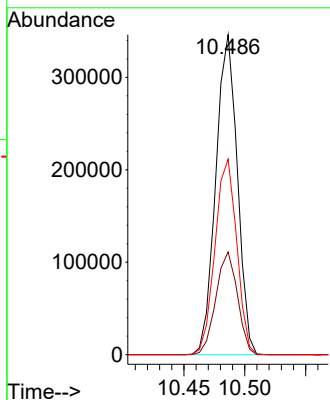
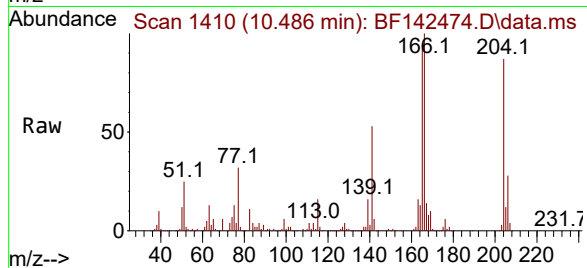




#61
4-Chlorophenyl-phenylether
Concen: 70.193 ng
RT: 10.486 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

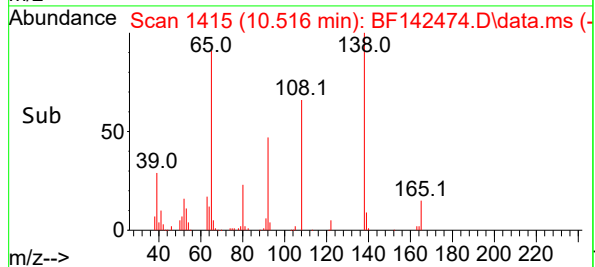
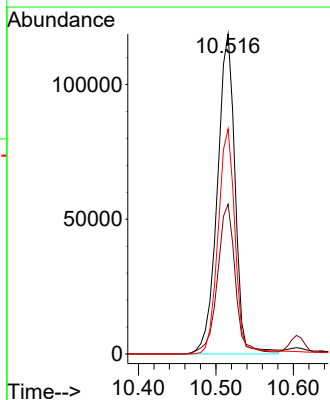
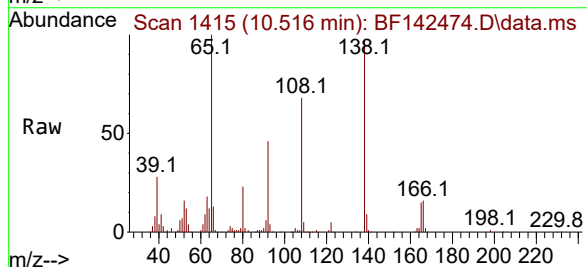
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

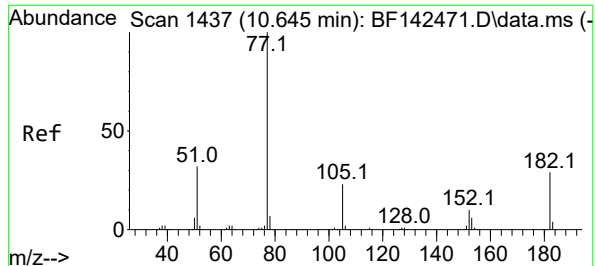
Tgt Ion:204 Resp: 426386
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 61.1 49.5 74.3



#62
4-Nitroaniline
Concen: 71.105 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:138 Resp: 188782
Ion Ratio Lower Upper
138 100
92 46.8 26.0 66.0
108 70.3 48.4 88.4

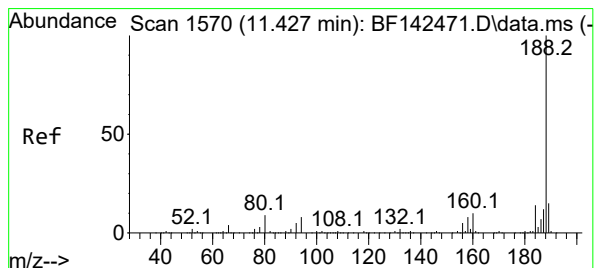
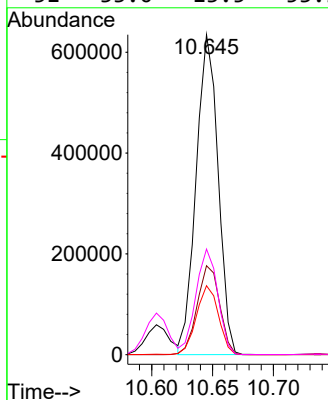
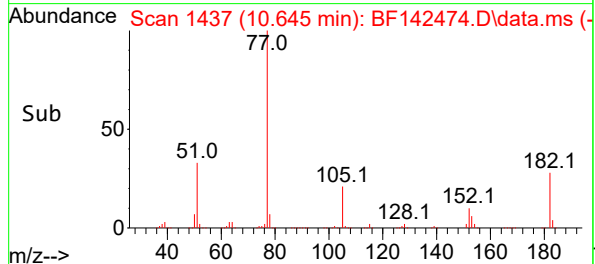
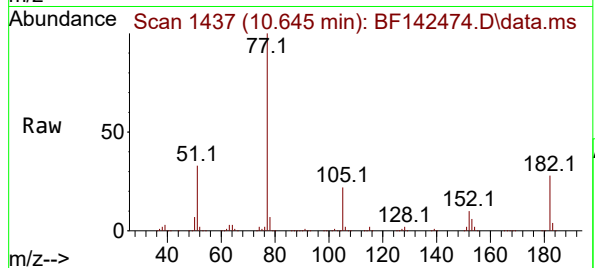




#63
Azobenzene
Concen: 72.893 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

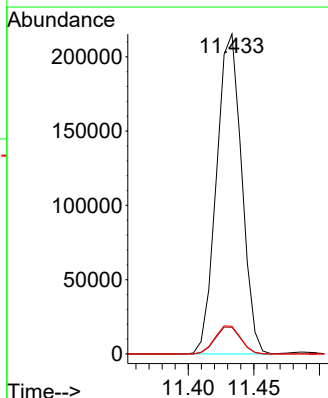
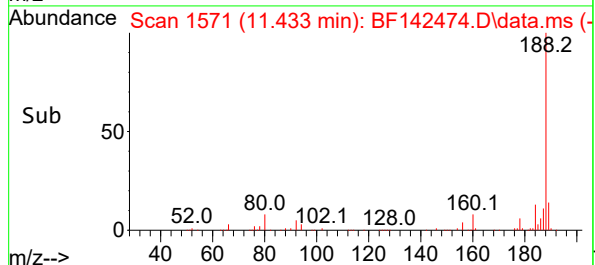
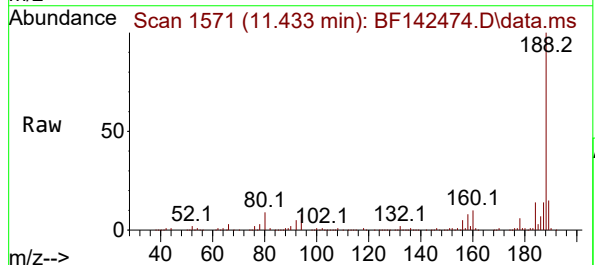
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

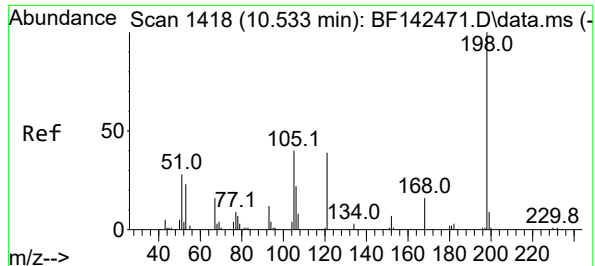
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	9.0	49.0
105	21.5	2.4	42.4
51	33.0	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.6	7.4	11.0

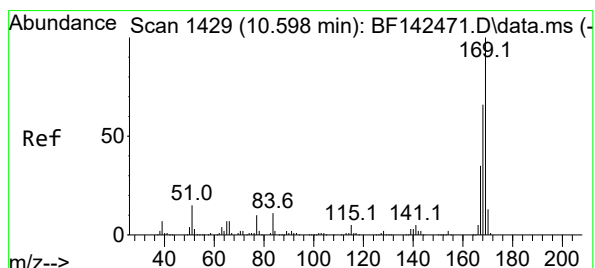
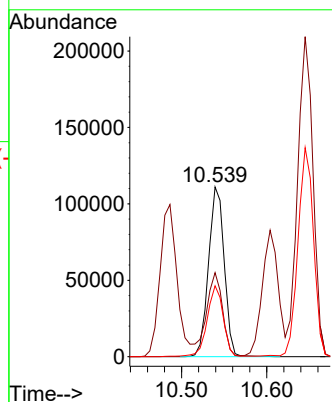
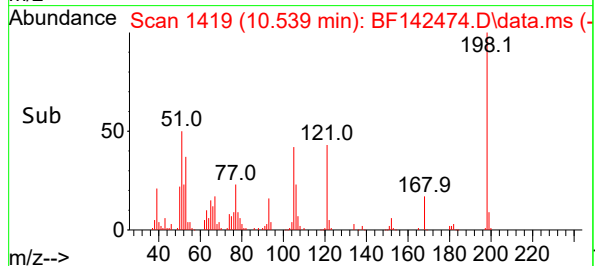
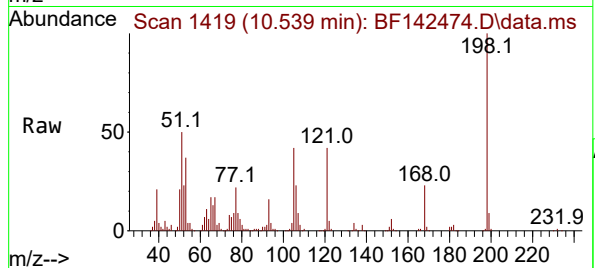




#65
4,6-Dinitro-2-methylphenol
Concen: 88.468 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

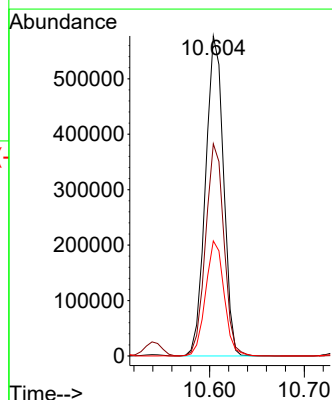
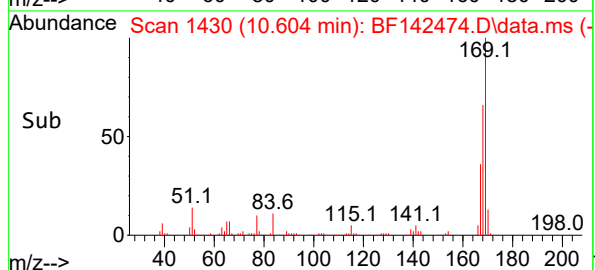
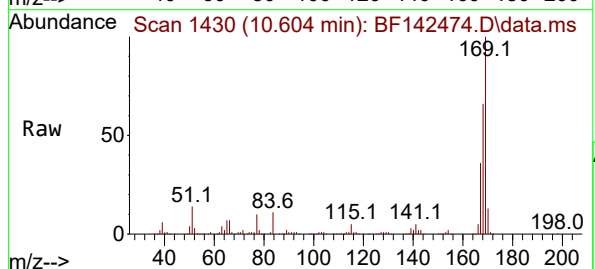
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

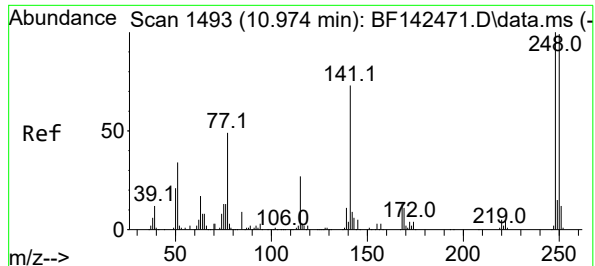
Tgt Ion:198 Resp: 141863
Ion Ratio Lower Upper
198 100
51 49.5 28.3 68.3
105 41.7 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 77.145 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:169 Resp: 758366
Ion Ratio Lower Upper
169 100
168 66.3 52.7 79.1
167 35.9 28.3 42.5

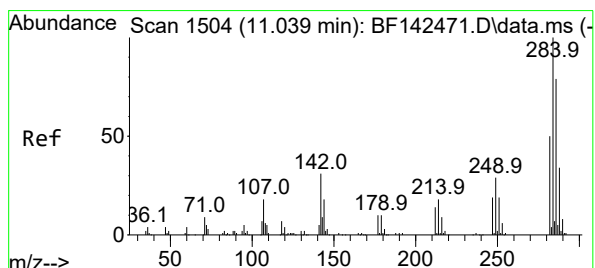
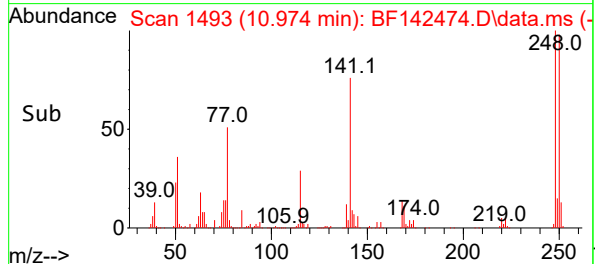
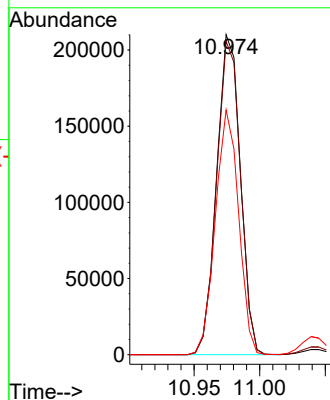
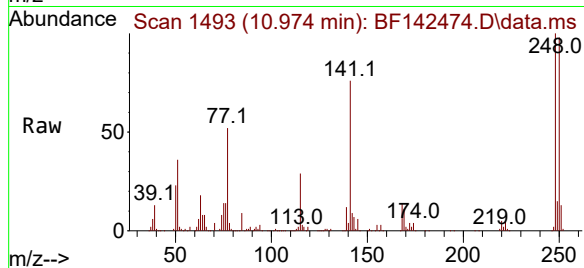




#67
4-Bromophenyl-phenylether
Concen: 77.920 ng
RT: 10.974 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

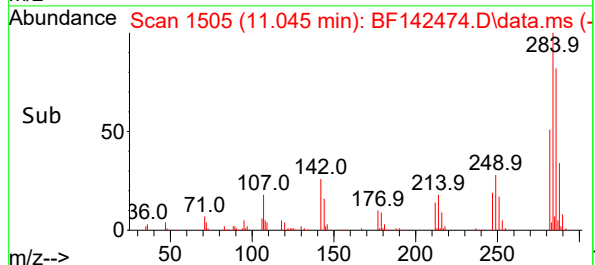
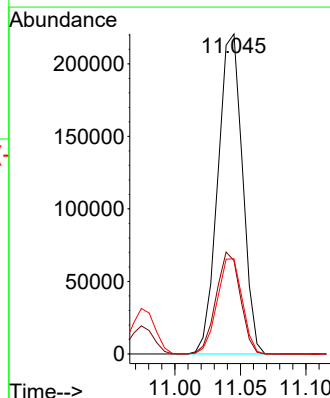
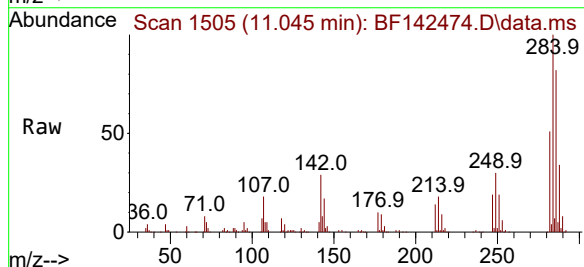
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

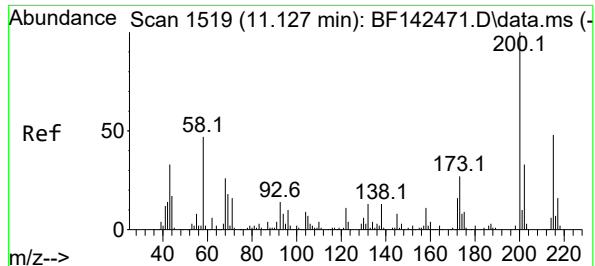
Tgt Ion:248 Resp: 264739
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.4
141 76.5 58.4 87.6



#68
Hexachlorobenzene
Concen: 76.555 ng
RT: 11.045 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:284 Resp: 287676
Ion Ratio Lower Upper
284 100
142 29.1 24.8 37.2
249 29.8 23.6 35.4





#69

Atrazine

Concen: 76.581 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

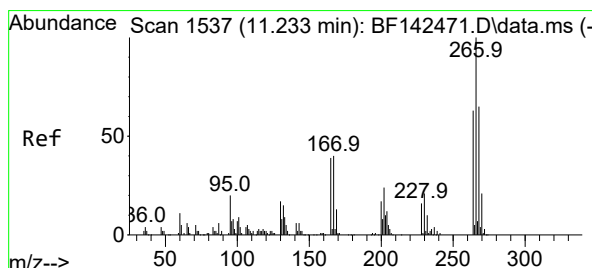
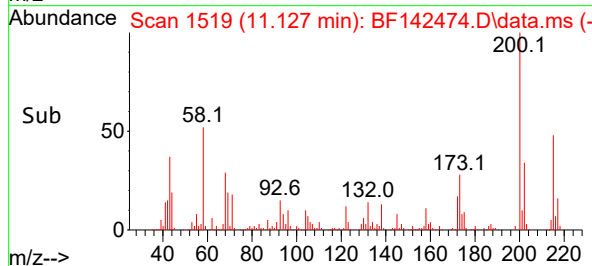
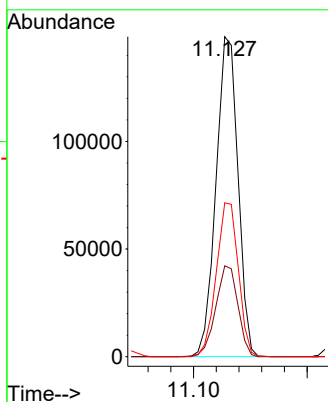
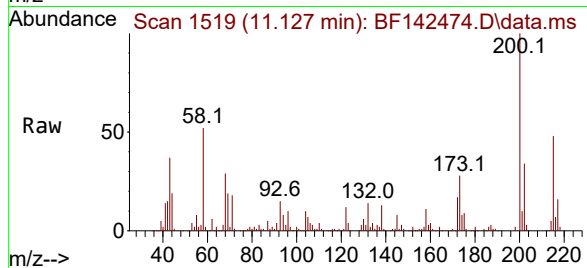
Tgt Ion:200 Resp: 199929

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 48.1 28.5 68.5



#70

Pentachlorophenol

Concen: 83.666 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

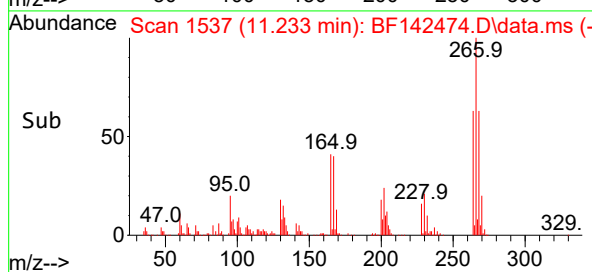
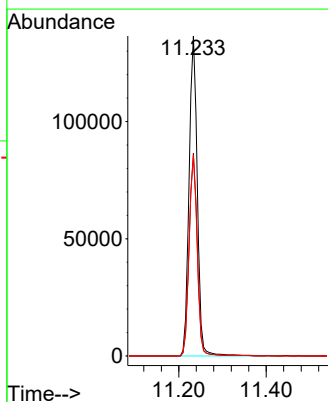
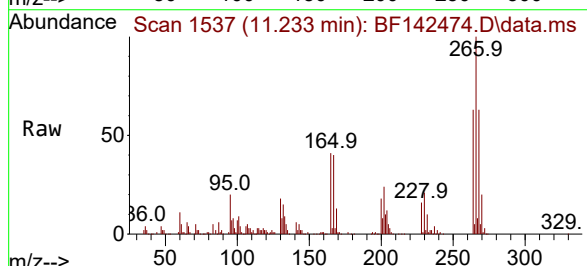
Tgt Ion:266 Resp: 177504

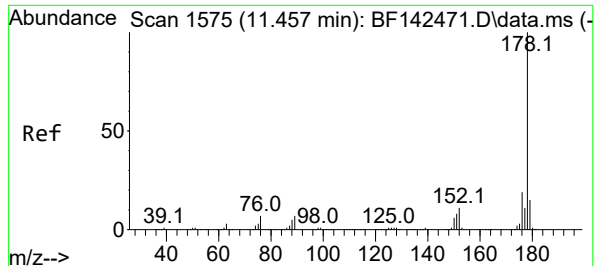
Ion Ratio Lower Upper

266 100

268 63.3 51.7 77.5

264 62.5 50.4 75.6

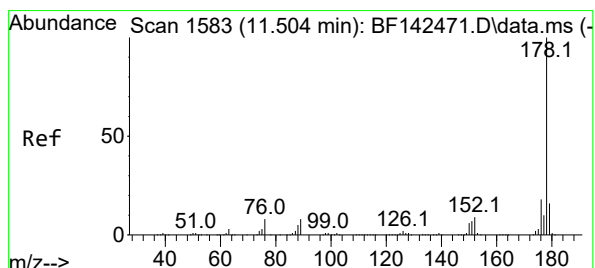
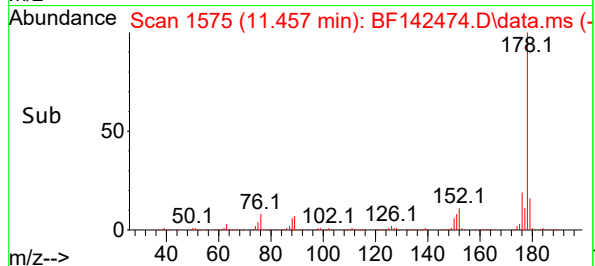
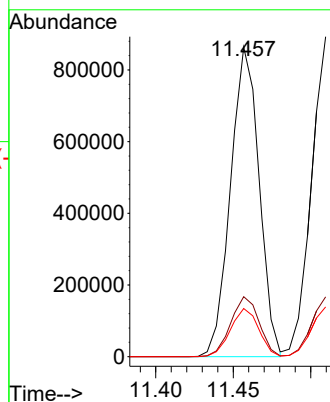
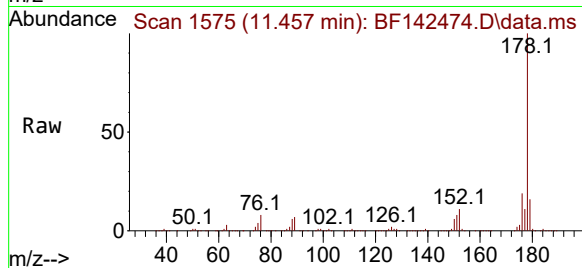




#71
Phenanthrene
Concen: 72.134 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

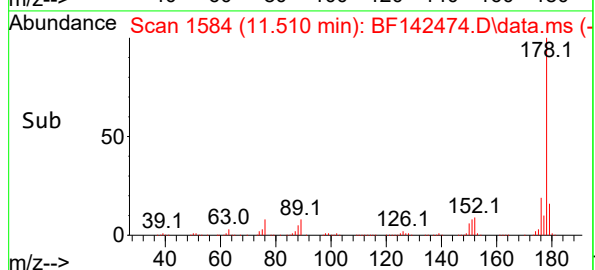
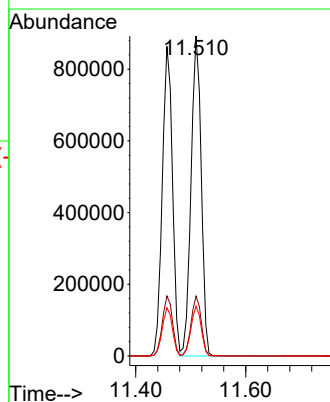
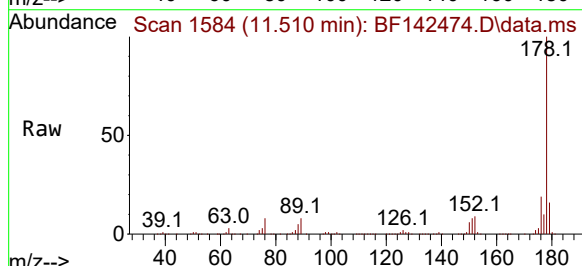
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

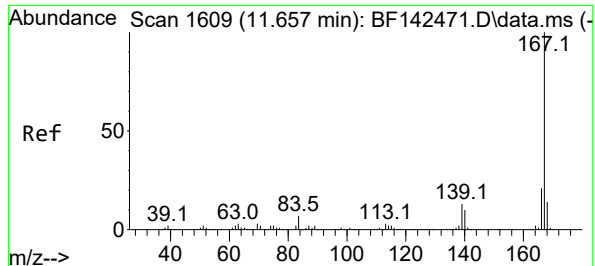
Tgt Ion:178 Resp: 1107683
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 73.009 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

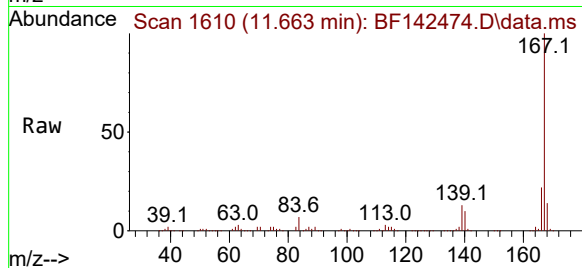
Tgt Ion:178 Resp: 1144182
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.5 12.4 18.6



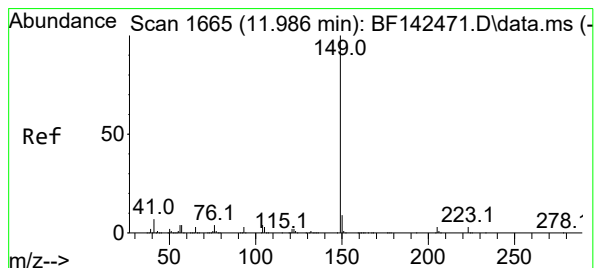
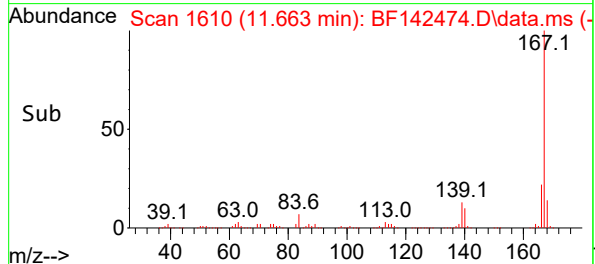
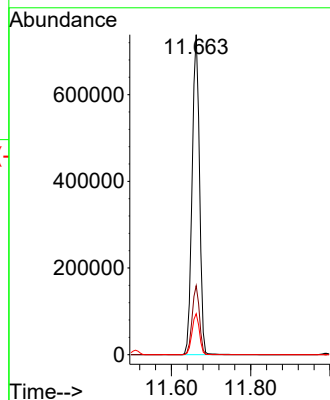


#73
Carbazole
Concen: 71.360 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

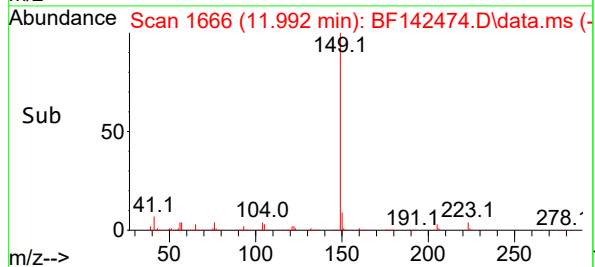
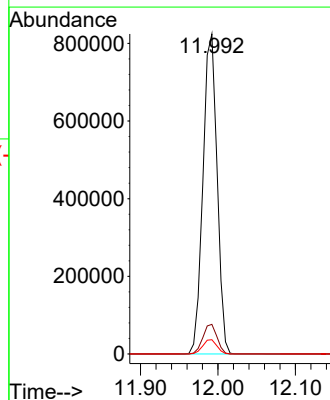
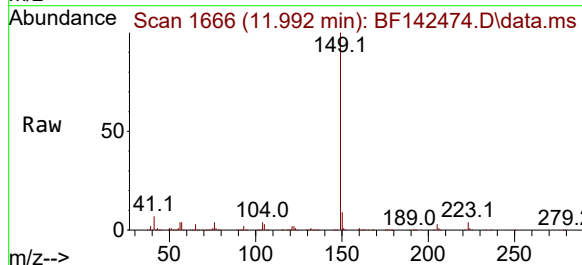


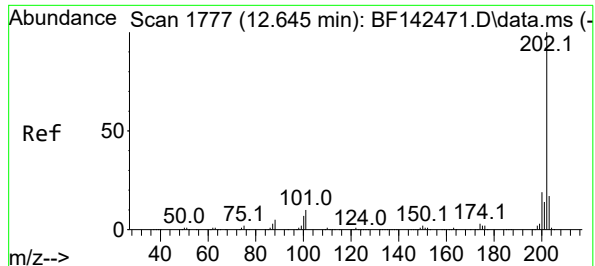
Tgt Ion:167 Resp: 956069
Ion Ratio Lower Upper
167 100
166 21.6 16.9 25.3
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 71.153 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:149 Resp: 1043468
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.4 3.6 5.4

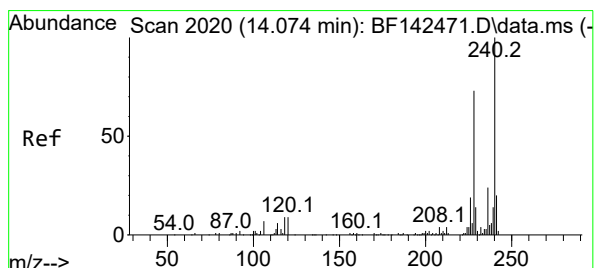
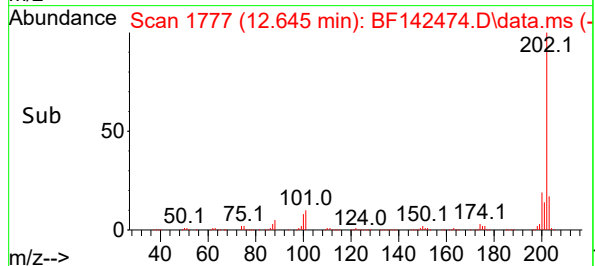
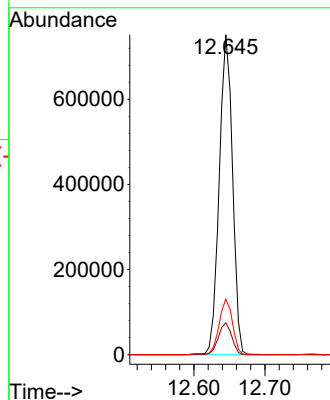
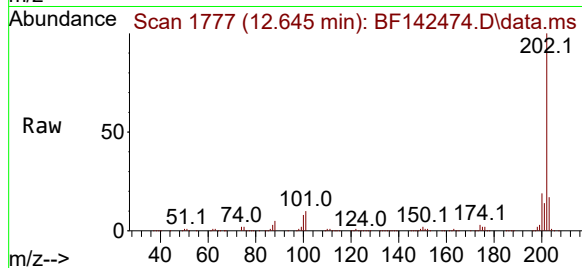




#75
Fluoranthene
Concen: 67.750 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

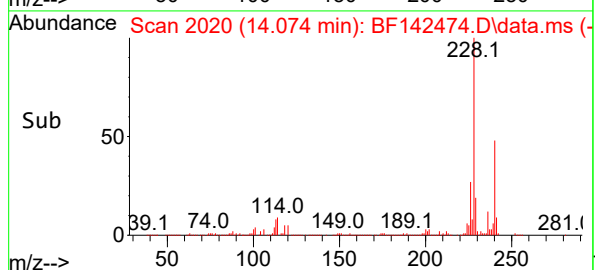
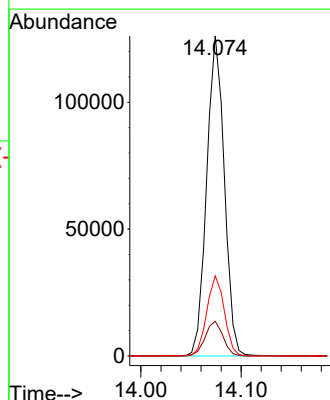
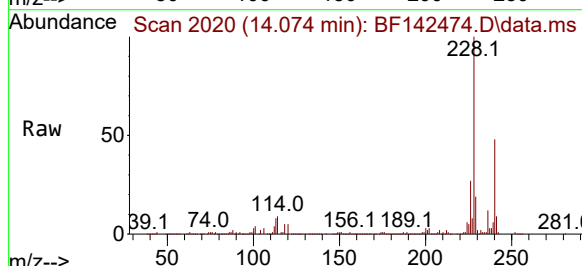
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

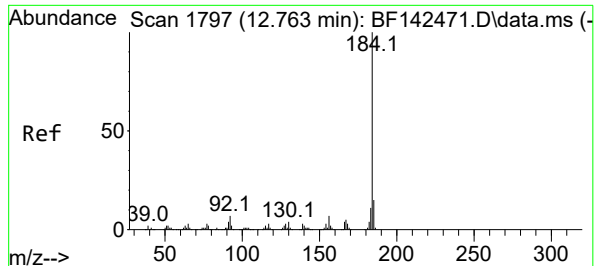
Tgt Ion:202 Resp: 972105
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.6
203 17.4 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:240 Resp: 154555
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.1 19.6 29.4

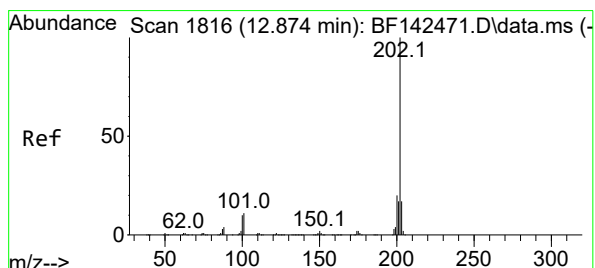
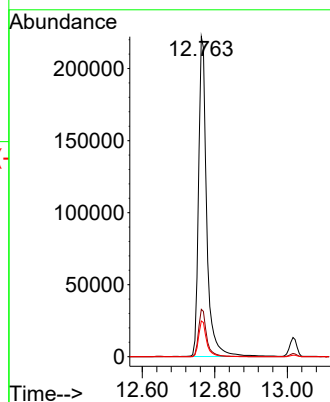
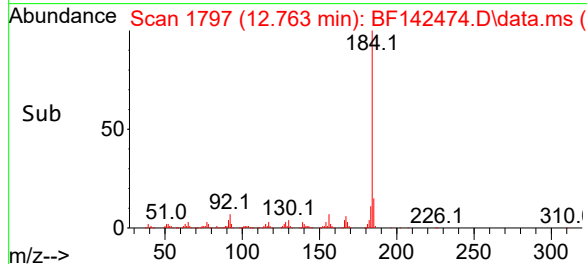
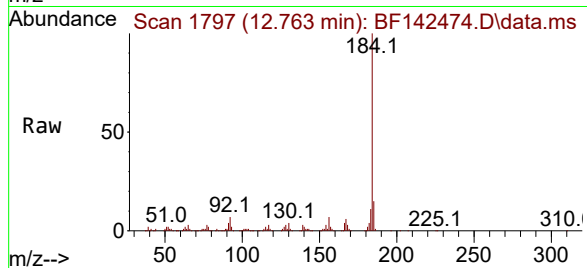




#77
Benzidine
Concen: 59.795 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

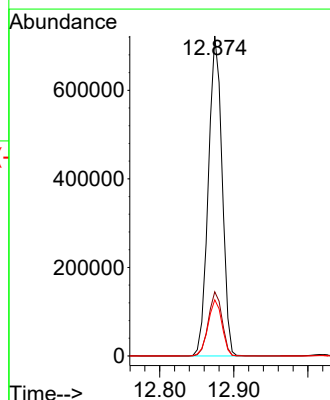
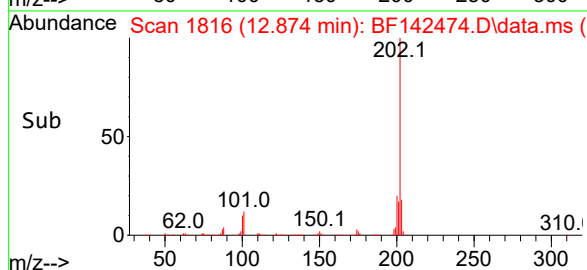
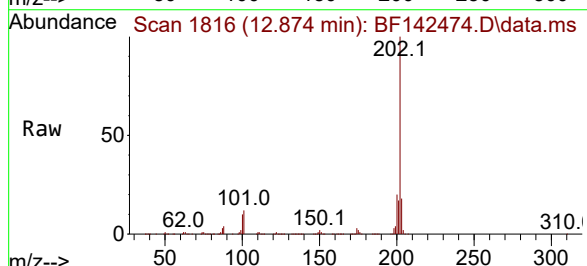
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

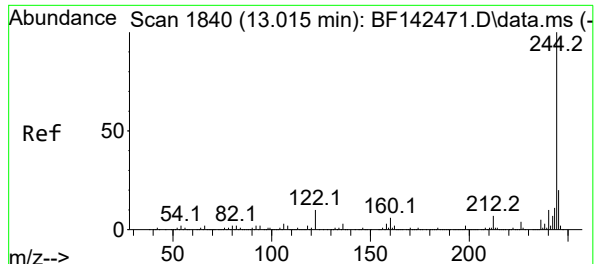
Tgt Ion:184 Resp: 343909
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 11.2 9.0 13.4



#78
Pyrene
Concen: 64.632 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:202 Resp: 931844
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 123.140 ng

RT: 13.015 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

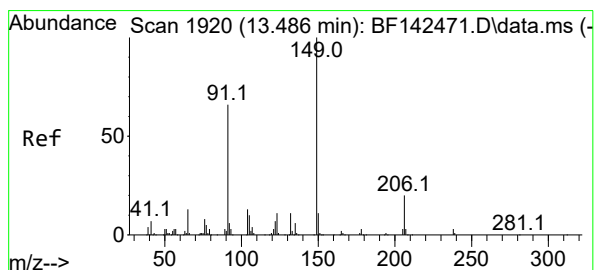
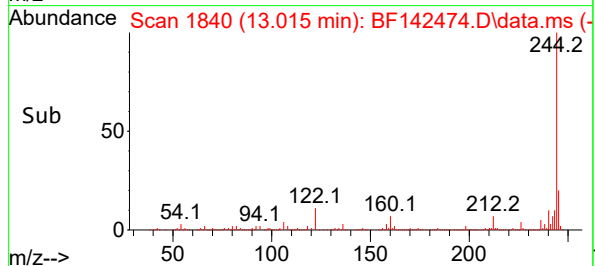
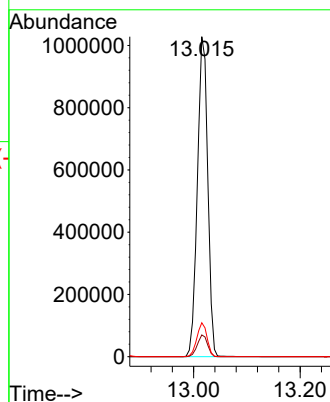
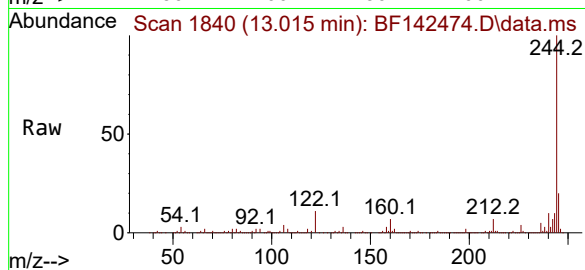
Tgt Ion:244 Resp: 1392704

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 10.6 8.2 12.2



#80

Butylbenzylphthalate

Concen: 80.252 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

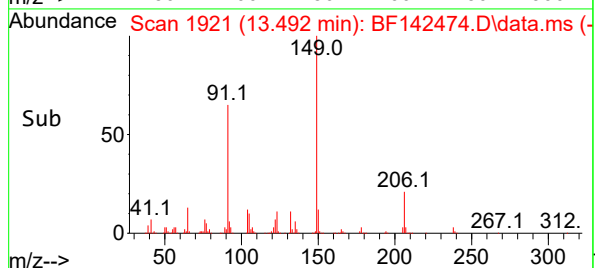
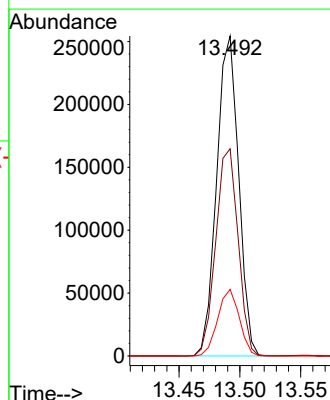
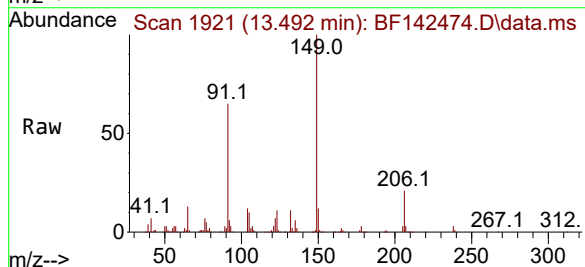
Tgt Ion:149 Resp: 319716

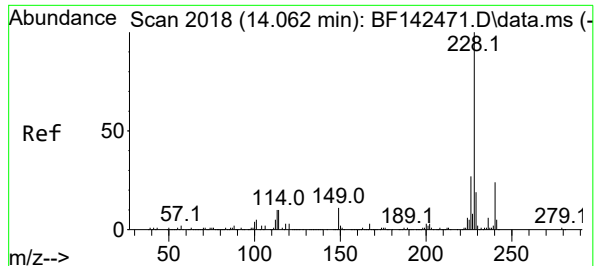
Ion Ratio Lower Upper

149 100

91 64.7 52.9 79.3

206 20.8 16.2 24.2

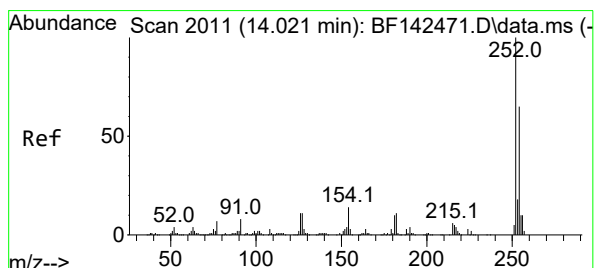
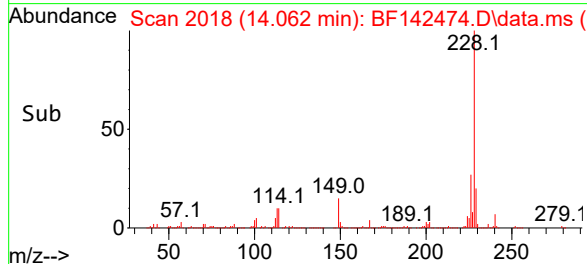
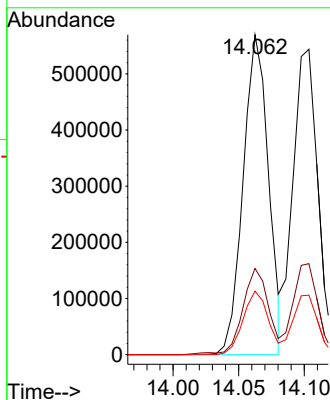
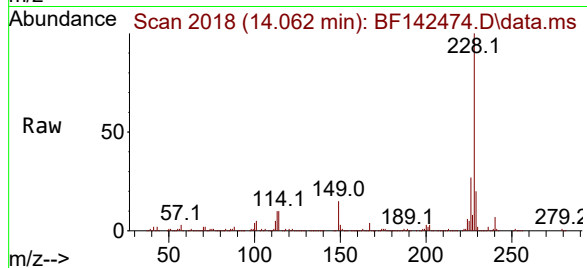




#81
Benzo(a)anthracene
Concen: 74.167 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

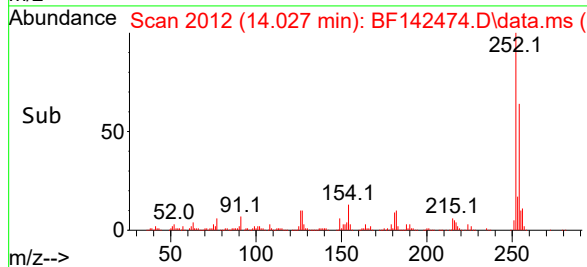
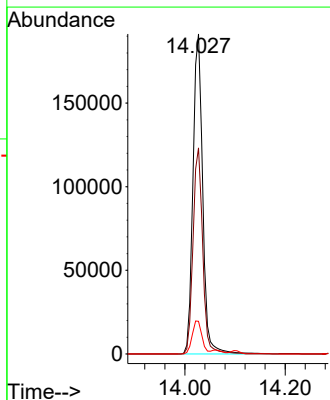
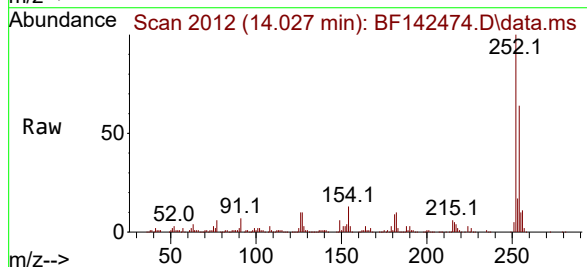
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

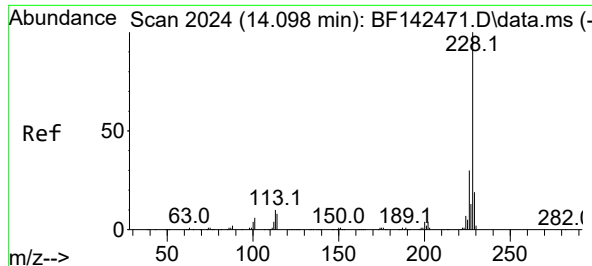
Tgt Ion:228 Resp: 765441
Ion Ratio Lower Upper
228 100
226 27.0 21.2 31.8
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 82.274 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:252 Resp: 257542
Ion Ratio Lower Upper
252 100
254 64.4 52.0 78.0
126 10.2 8.9 13.3





#83

Chrysene

Concen: 77.206 ng

RT: 14.104 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

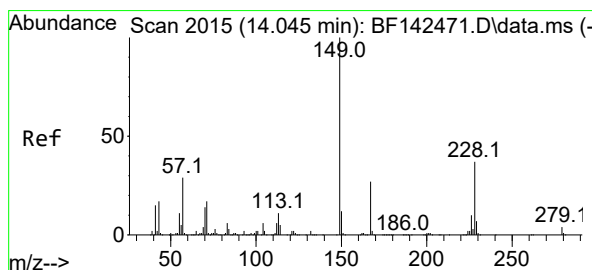
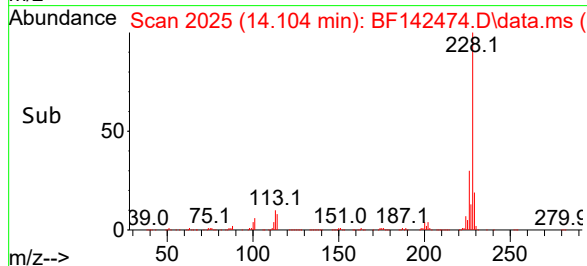
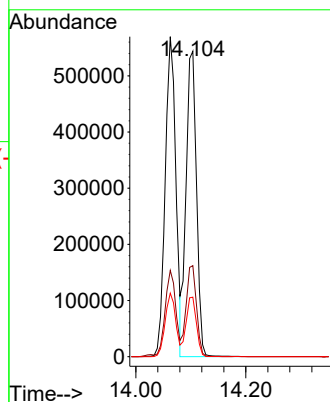
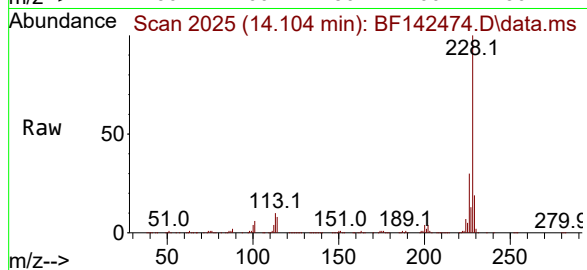
Tgt Ion:228 Resp: 715970

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.5 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 88.168 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

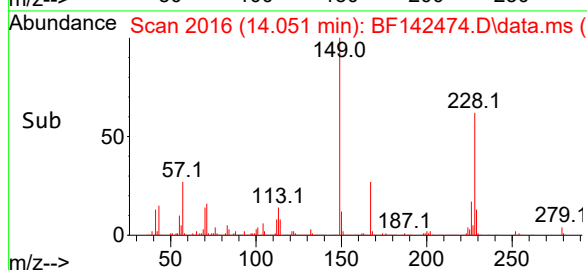
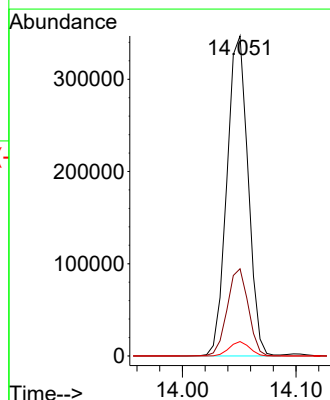
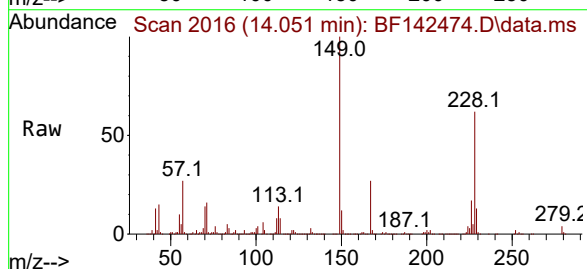
Tgt Ion:149 Resp: 449654

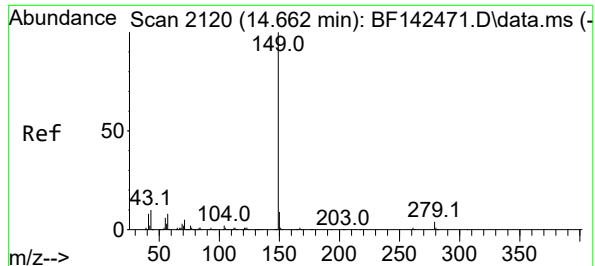
Ion Ratio Lower Upper

149 100

167 27.3 21.5 32.3

279 4.5 3.2 4.8

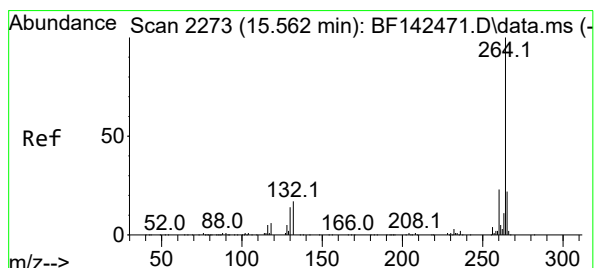
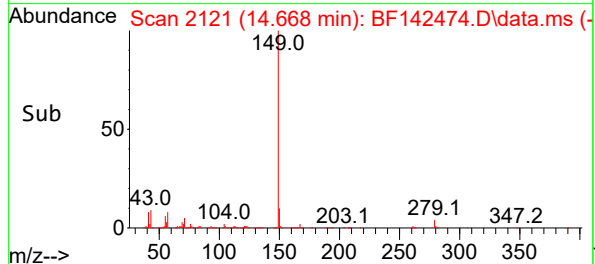
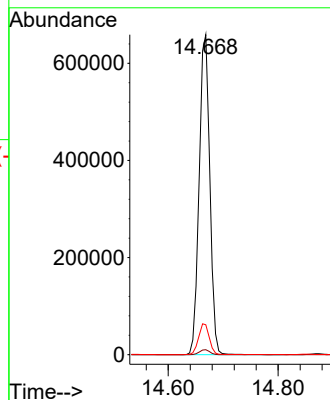
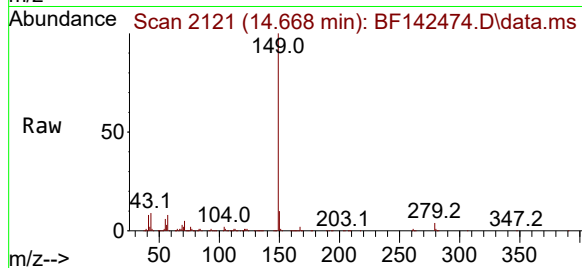




#85
Di-n-octyl phthalate
Concen: 89.073 ng
RT: 14.668 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

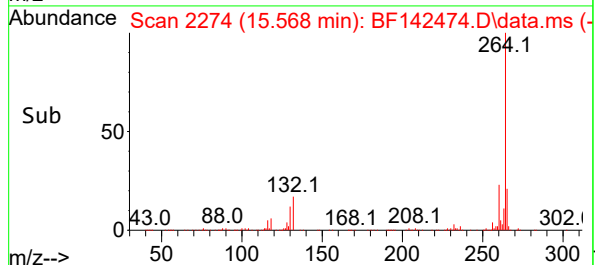
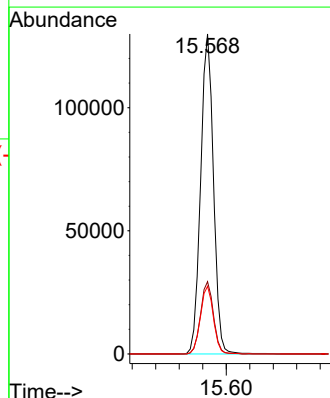
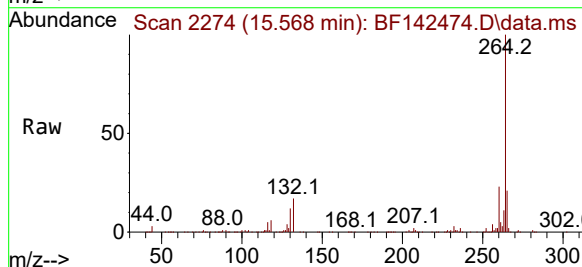
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

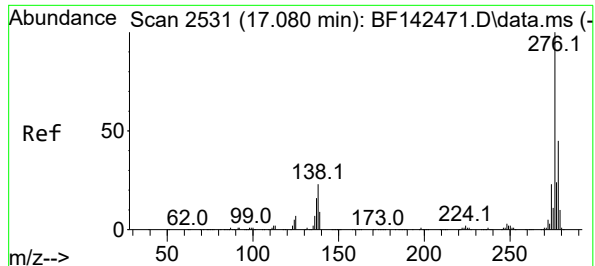
Tgt Ion:149 Resp: 888230
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.7 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:264 Resp: 196342
Ion Ratio Lower Upper
264 100
260 22.6 18.6 28.0
265 21.2 17.7 26.5

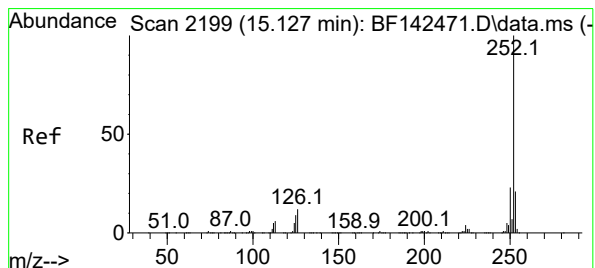
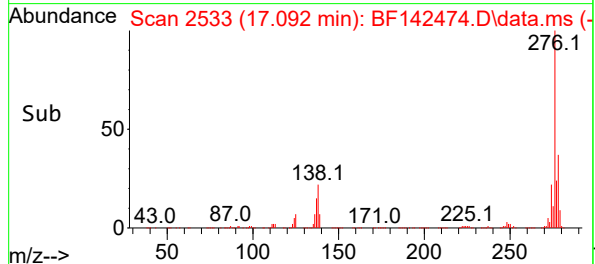
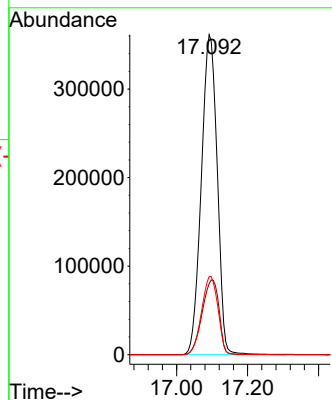
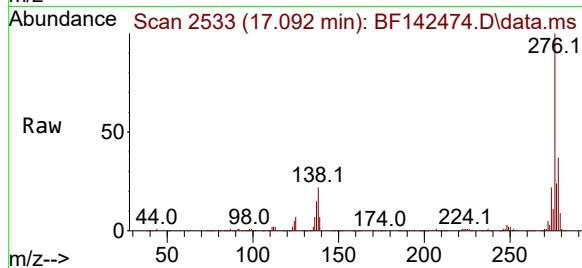




#87
Indeno(1,2,3-cd)pyrene
Concen: 76.417 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

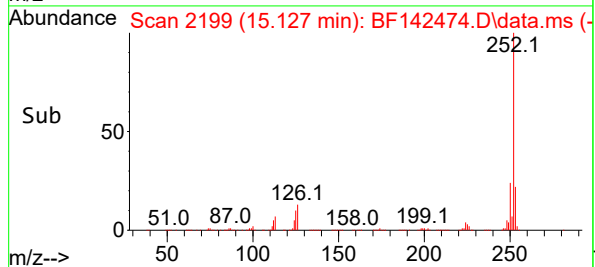
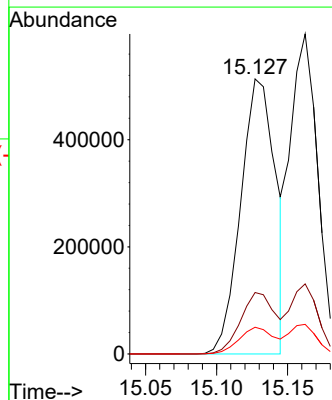
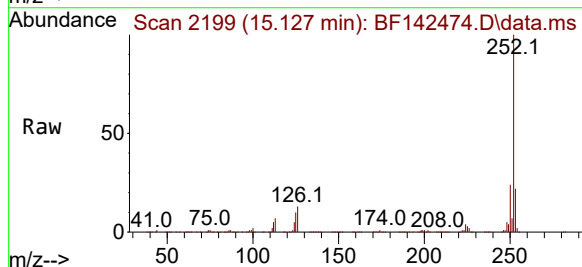
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

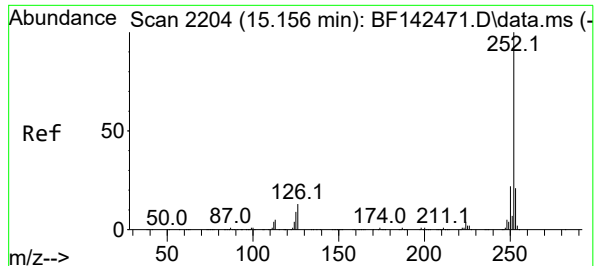
Tgt Ion:276 Resp: 1126401
Ion Ratio Lower Upper
276 100
138 24.8 19.9 29.9
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 75.267 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:252 Resp: 874640
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 73.850 ng

RT: 15.162 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

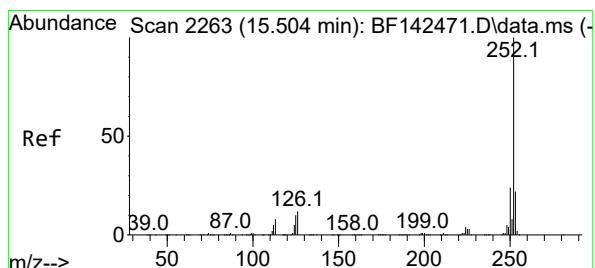
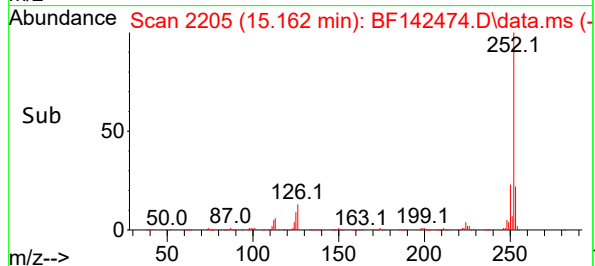
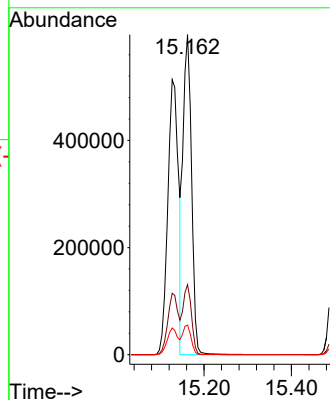
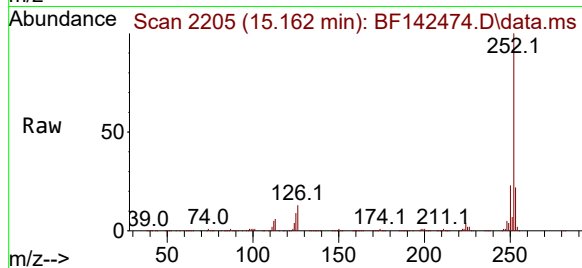
Tgt Ion:252 Resp: 803775

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 9.2 7.3 10.9



#90

Benzo(a)pyrene

Concen: 76.121 ng

RT: 15.509 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

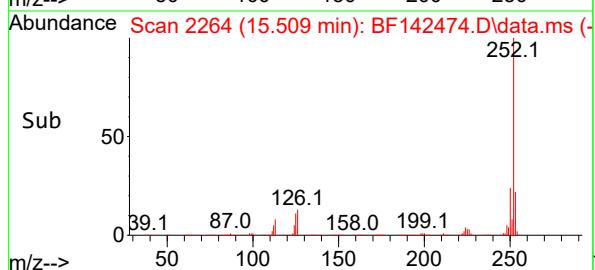
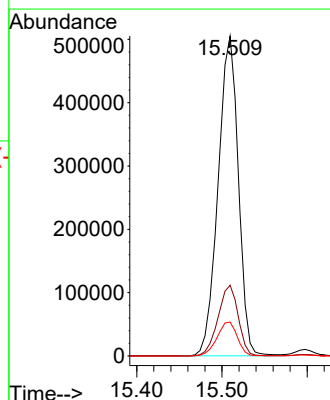
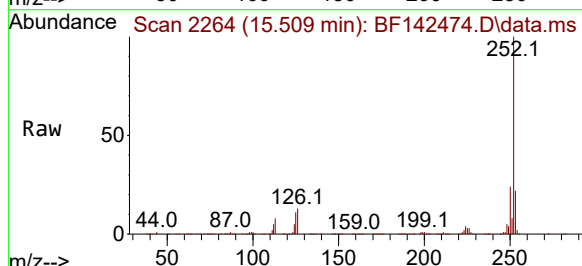
Tgt Ion:252 Resp: 833783

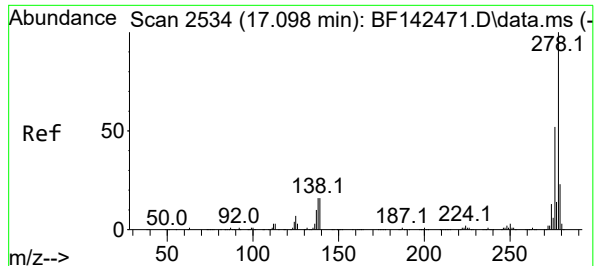
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.6 7.9 11.9

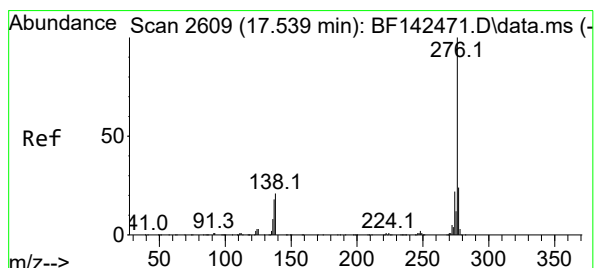
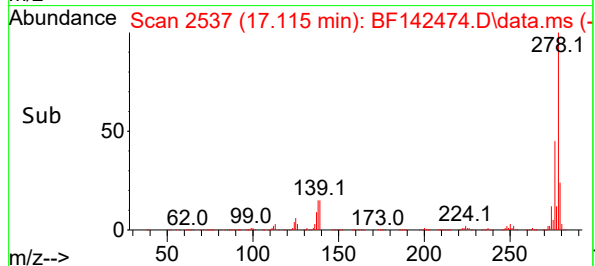
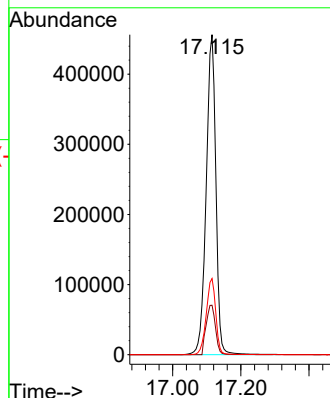
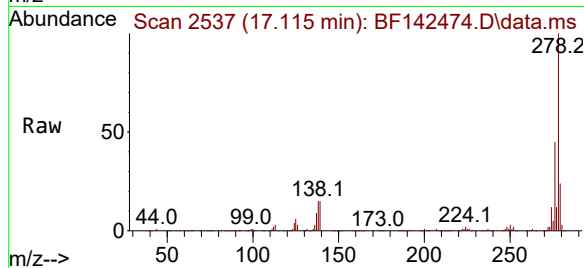




#91
Dibenzo(a,h)anthracene
Concen: 75.513 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

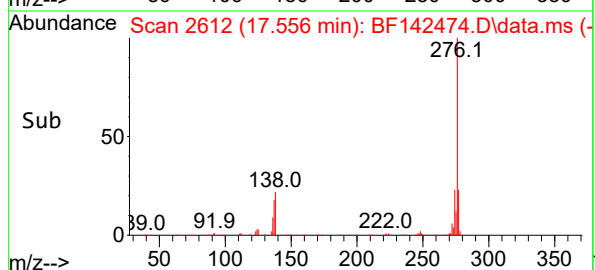
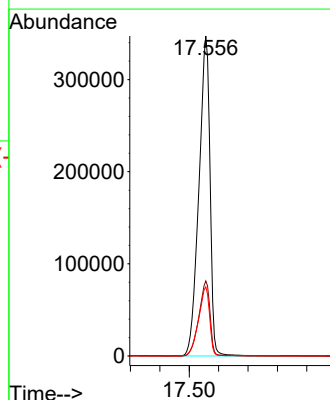
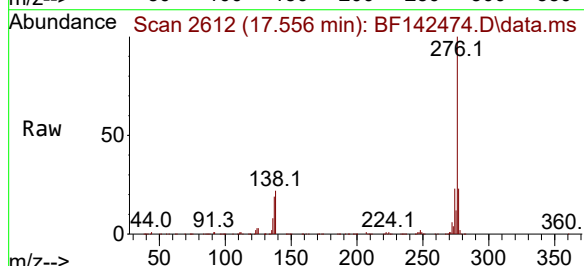
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 902757
Ion Ratio Lower Upper
278 100
139 15.5 12.8 19.2
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 76.073 ng
RT: 17.556 min Scan# 2612
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:276 Resp: 909649
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 21.6 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	99411	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	385222	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	213164	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	348749	20.000	ng	0.00
76) Chrysene-d12	14.074	240	171632	20.000	ng	0.00
86) Perylene-d12	15.562	264	195956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	443470	75.157	ng	0.00
7) Phenol-d6	6.522	99	539999	76.025	ng	-0.01
23) Nitrobenzene-d5	7.463	82	545967	77.283	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	179309	75.790	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1152622	72.557	ng	0.00
79) Terphenyl-d14	13.016	244	976059	77.714	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	90159	38.184	ng	99
3) Pyridine	3.434	79	232139	38.607	ng	99
4) n-Nitrosodimethylamine	3.381	42	121742	38.995	ng	99
6) Aniline	6.563	93	366889	38.415	ng	99
8) 2-Chlorophenol	6.681	128	243599	37.902	ng	97
9) Benzaldehyde	6.451	77	165445	38.726	ng	98
10) Phenol	6.539	94	306601	38.362	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	220228	38.280	ng	100
12) 1,3-Dichlorobenzene	6.839	146	269504	37.579	ng	100
13) 1,4-Dichlorobenzene	6.922	146	275076	38.078	ng	98
14) 1,2-Dichlorobenzene	7.069	146	260709	37.716	ng	100
15) Benzyl Alcohol	7.039	79	202944	38.663	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	366430	37.927	ng	100
17) 2-Methylphenol	7.145	107	193190	38.500	ng	99
18) Hexachloroethane	7.416	117	96202	38.137	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	166542	37.833	ng	99
20) 3+4-Methylphenols	7.304	107	244310	38.020	ng	100
22) Acetophenone	7.310	105	325056	38.118	ng	100
24) Nitrobenzene	7.486	77	246818	38.737	ng	100
25) Isophorone	7.722	82	447723	37.906	ng	99
26) 2-Nitrophenol	7.798	139	136039	39.958	ng	99
27) 2,4-Dimethylphenol	7.833	122	233871	38.953	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	283379	38.407	ng	99
29) 2,4-Dichlorophenol	8.039	162	209040	38.285	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	226285	38.187	ng	98
31) Naphthalene	8.210	128	722913	38.112	ng	100
32) Benzoic acid	7.939	122	147981	40.490	ng	98
33) 4-Chloroaniline	8.251	127	299462	38.962	ng	99
34) Hexachlorobutadiene	8.322	225	142496	38.512	ng	99
35) Caprolactam	8.622	113	60055	39.162	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	216299	38.654	ng	99
37) 2-Methylnaphthalene	8.898	142	454200	38.062	ng	100
38) 1-Methylnaphthalene	8.998	142	471880	38.229	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	229514	37.508	ng	99
41) Hexachlorocyclopentadiene	9.051	237	165077	39.991	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	156603	37.954	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

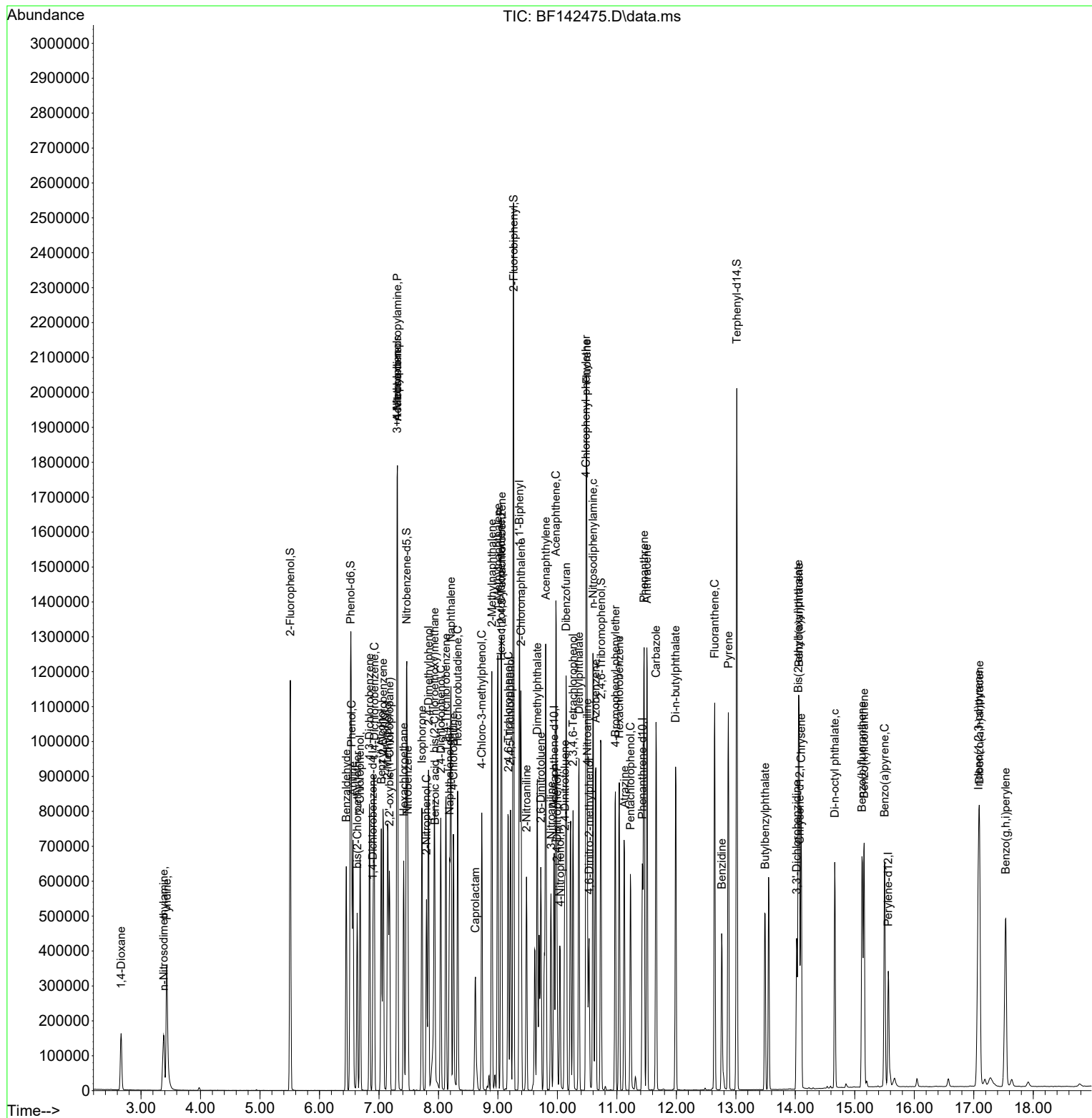
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	164342	37.766	ng	99
46) 1,1'-Biphenyl	9.363	154	619947	37.487	ng	100
47) 2-Chloronaphthalene	9.386	162	461414	37.763	ng	99
48) 2-Nitroaniline	9.480	65	137268	38.867	ng	99
49) Acenaphthylene	9.804	152	776377	37.630	ng	100
50) Dimethylphthalate	9.663	163	523004	37.184	ng	100
51) 2,6-Dinitrotoluene	9.722	165	115938	38.191	ng	98
52) Acenaphthene	9.975	154	477197	37.877	ng	100
53) 3-Nitroaniline	9.892	138	126814	38.246	ng	98
54) 2,4-Dinitrophenol	9.992	184	65057	41.481	ng	# 35
55) Dibenzofuran	10.145	168	673871	37.170	ng	100
56) 4-Nitrophenol	10.045	139	96197	39.320	ng	98
57) 2,4-Dinitrotoluene	10.127	165	152488	38.463	ng	99
58) Fluorene	10.492	166	513487	36.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	138047	38.000	ng	98
60) Diethylphthalate	10.363	149	519861	37.844	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	254467	36.985	ng	99
62) 4-Nitroaniline	10.504	138	114671	38.132	ng	100
63) Azobenzene	10.645	77	466131	37.780	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	82393	42.334	ng	99
66) n-Nitrosodiphenylamine	10.598	169	454975	38.132	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	157480	38.189	ng	99
68) Hexachlorobenzene	11.039	284	175840	38.554	ng	99
69) Atrazine	11.127	200	125293	39.541	ng	99
70) Pentachlorophenol	11.227	266	105232	40.866	ng	98
71) Phenanthrene	11.457	178	698503	37.478	ng	100
72) Anthracene	11.504	178	723416	38.032	ng	100
73) Carbazole	11.657	167	622812	38.300	ng	100
74) Di-n-butylphthalate	11.986	149	686988	38.596	ng	100
75) Fluoranthene	12.645	202	652697	37.479	ng	100
77) Benzidine	12.763	184	271606	42.525	ng	100
78) Pyrene	12.874	202	642163	40.108	ng	100
80) Butylbenzylphthalate	13.492	149	178179	40.275	ng	97
81) Benzo(a)anthracene	14.063	228	435297	37.981	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	135132	38.874	ng	100
83) Chrysene	14.098	228	388943	37.768	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	229915	40.596	ng	99
85) Di-n-octyl phthalate	14.662	149	443488	40.048	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	574771	39.070	ng	100
88) Benzo(b)fluoranthene	15.121	252	433704	37.396	ng	98
89) Benzo(k)fluoranthene	15.157	252	404679	37.255	ng	99
90) Benzo(a)pyrene	15.504	252	421730	38.578	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	463752	38.868	ng	100
92) Benzo(g,h,i)perylene	17.539	276	457604	38.345	ng	99

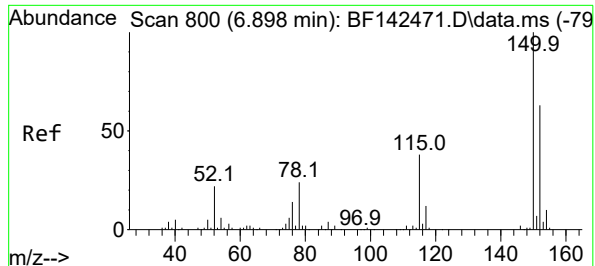
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

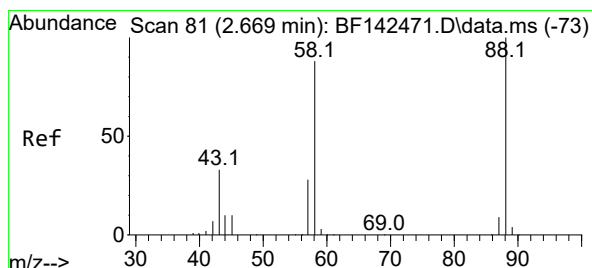
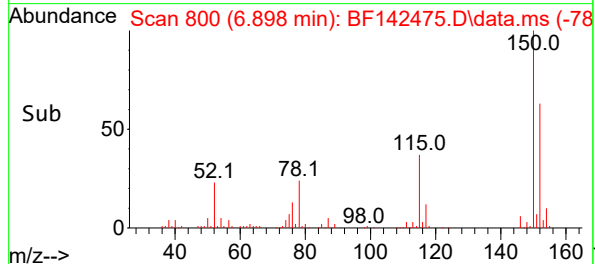
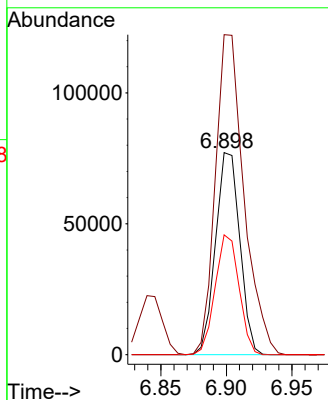
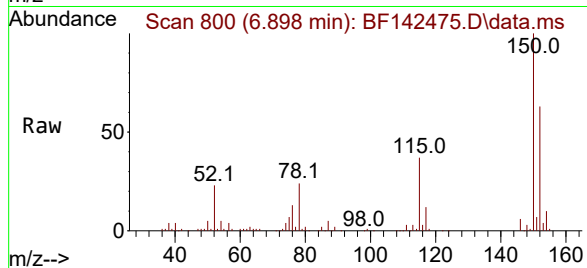




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

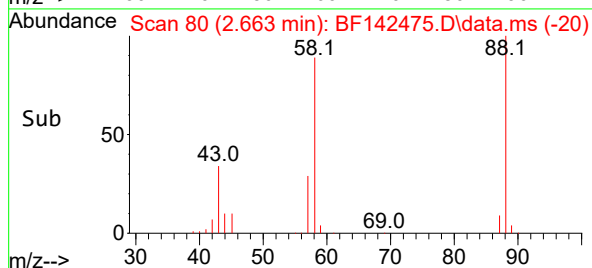
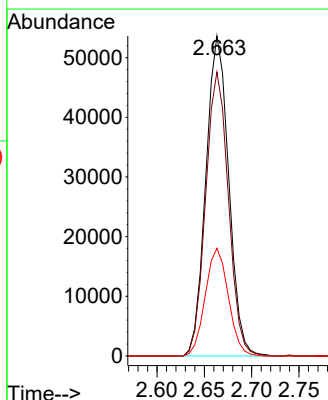
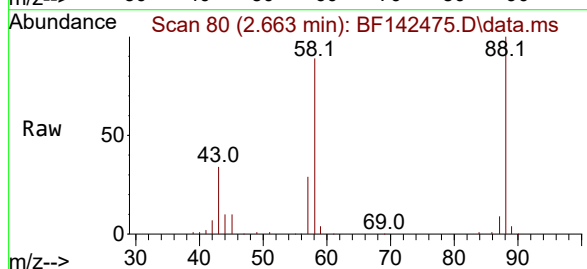
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

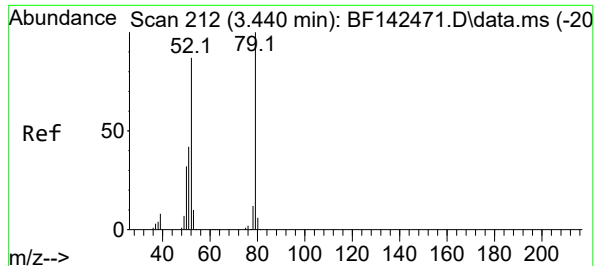
Tgt Ion:152 Resp: 99411
Ion Ratio Lower Upper
152 100
150 158.4 128.2 192.4
115 59.3 48.3 72.5



#2
1,4-Dioxane
Concen: 38.184 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 88 Resp: 90159
Ion Ratio Lower Upper
88 100
58 88.1 70.8 106.2
43 33.9 26.6 40.0





#3

Pyridine

Concen: 38.607 ng

RT: 3.434 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

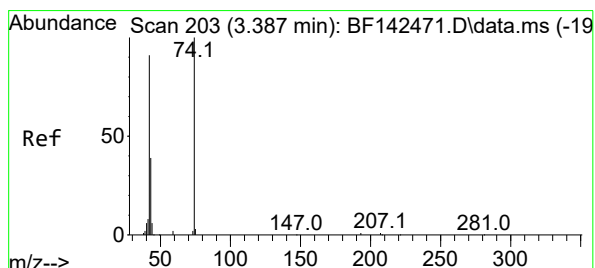
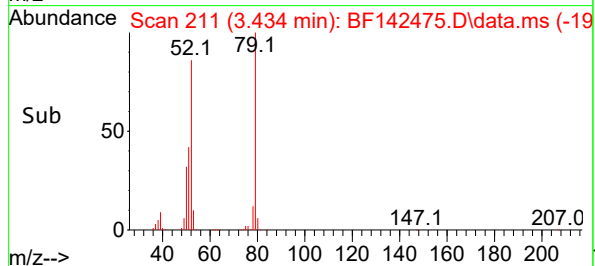
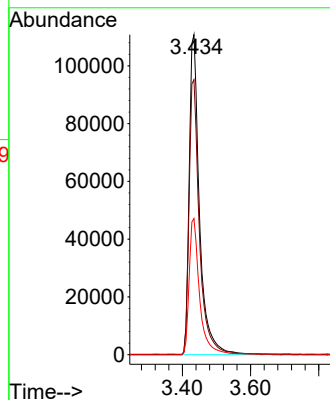
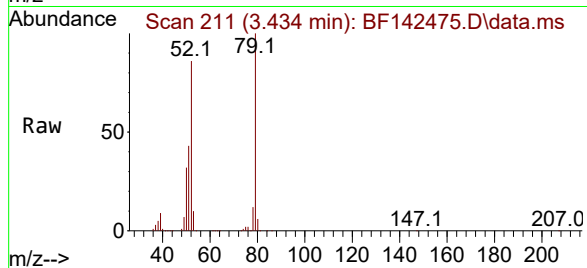
Tgt Ion: 79 Resp: 232139

Ion Ratio Lower Upper

79 100

52 85.9 69.2 103.8

51 42.6 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 38.995 ng

RT: 3.381 min Scan# 202

Delta R.T. -0.023 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

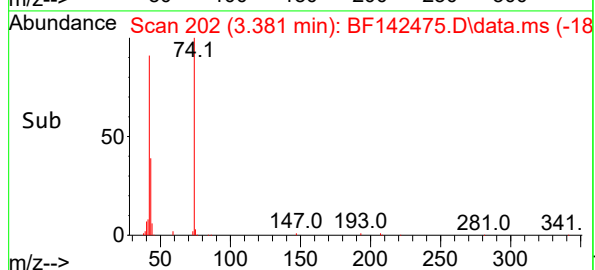
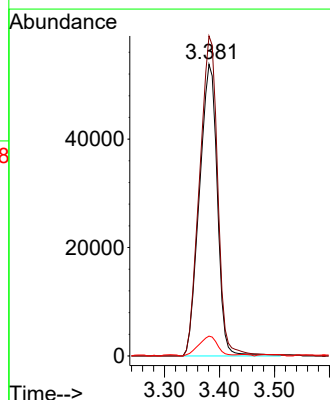
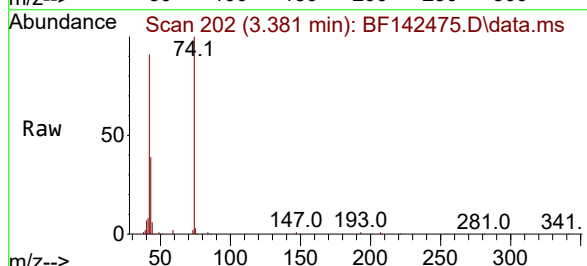
Tgt Ion: 42 Resp: 121742

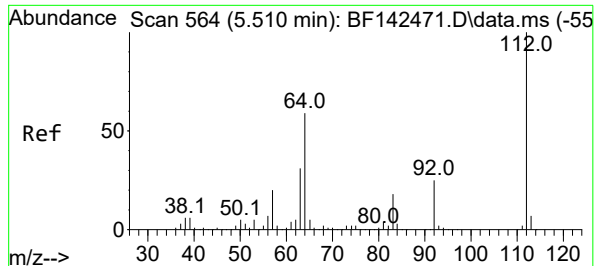
Ion Ratio Lower Upper

42 100

74 109.7 88.2 132.4

44 6.8 5.4 8.2

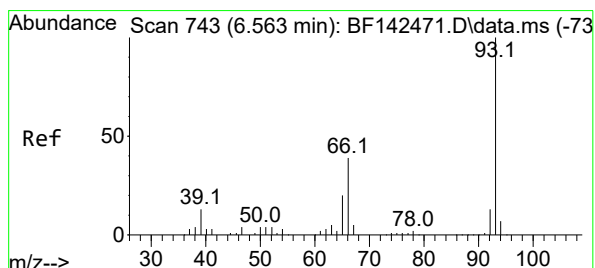
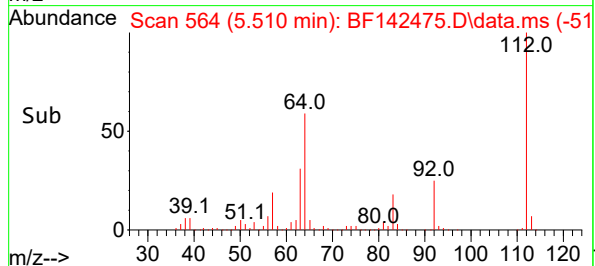
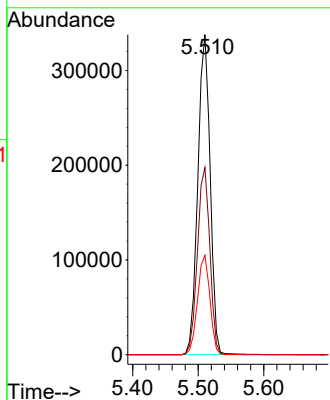
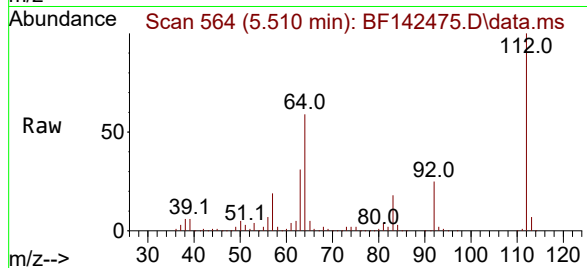




#5
2-Fluorophenol
Concen: 75.157 ng
RT: 5.510 min Scan# 510
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

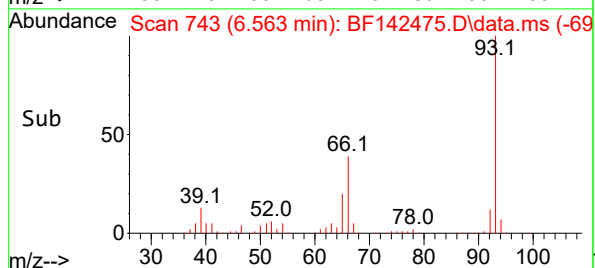
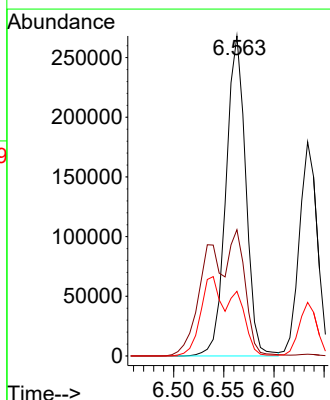
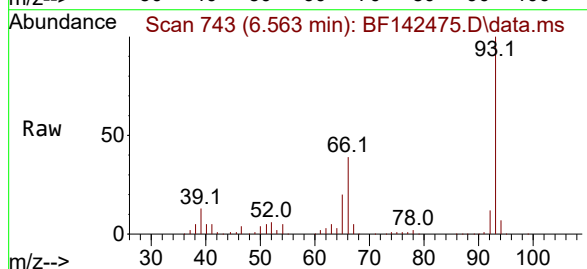
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

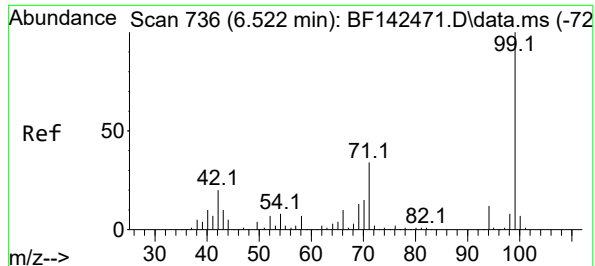
Tgt Ion:112 Resp: 443470
Ion Ratio Lower Upper
112 100
64 58.5 47.5 71.3
63 31.1 24.9 37.3



#6
Aniline
Concen: 38.415 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 93 Resp: 366889
Ion Ratio Lower Upper
93 100
66 39.5 32.0 48.0
65 20.2 16.1 24.1





#7

Phenol-d6

Concen: 76.025 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

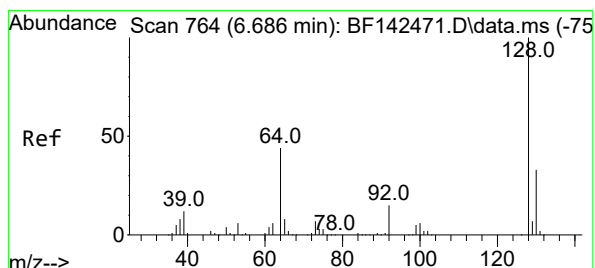
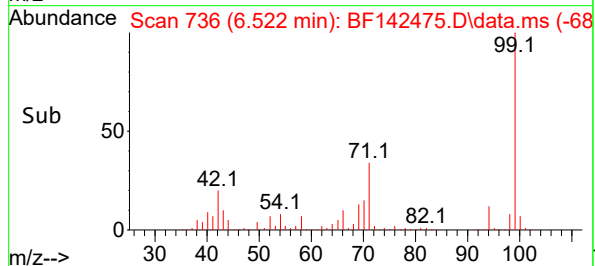
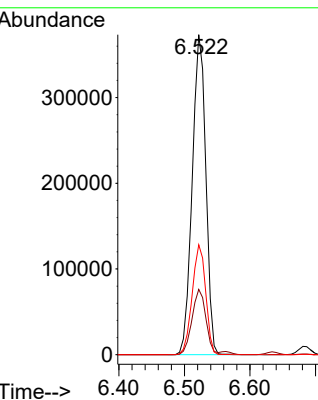
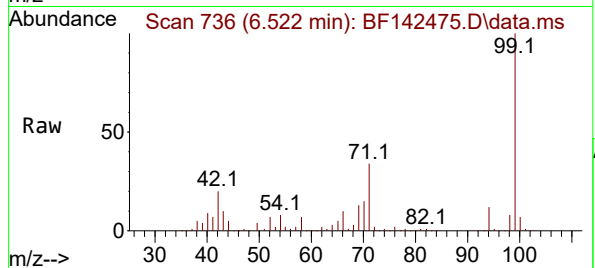
Tgt Ion: 99 Resp: 539999

Ion Ratio Lower Upper

99 100

42 20.4 16.2 24.2

71 34.3 27.3 40.9



#8

2-Chlorophenol

Concen: 37.902 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

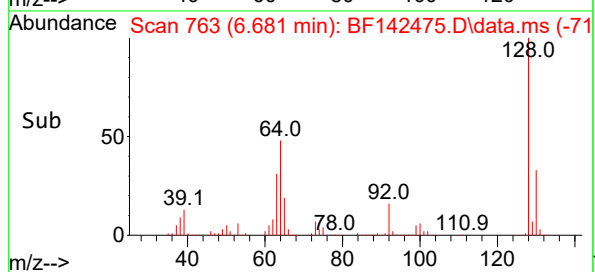
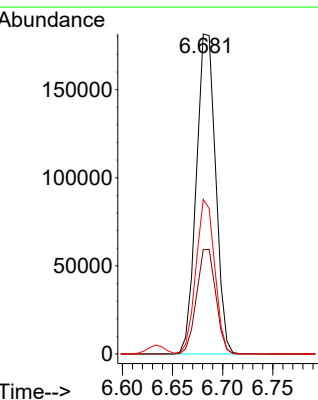
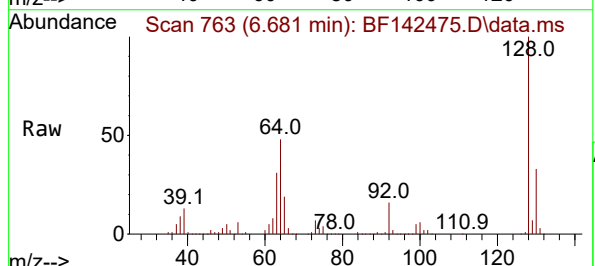
Tgt Ion: 128 Resp: 243599

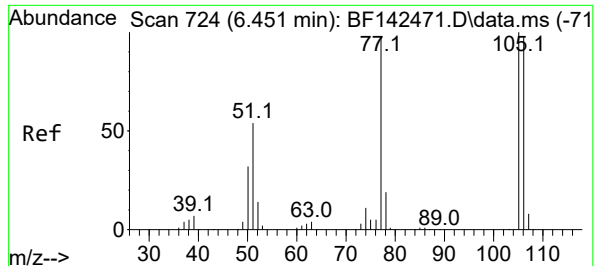
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 48.3 25.1 65.1



#9
Benzaldehyde

Concen: 38.726 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

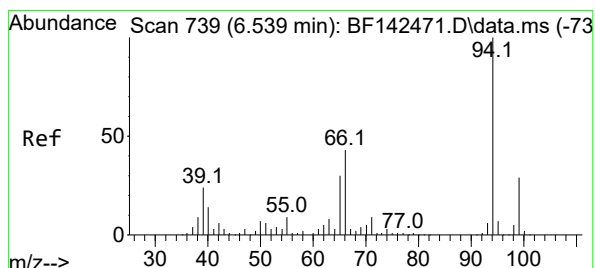
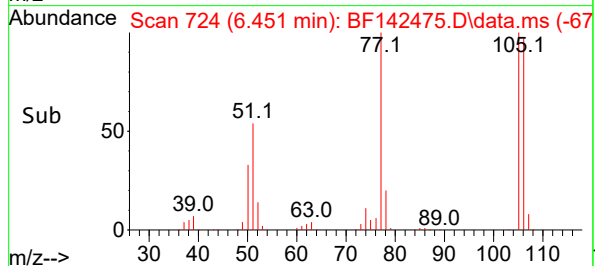
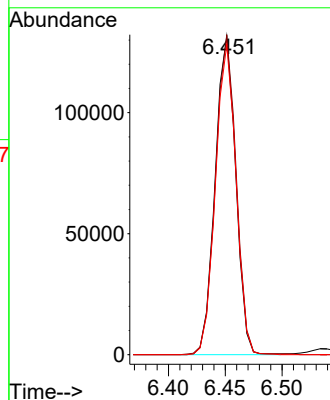
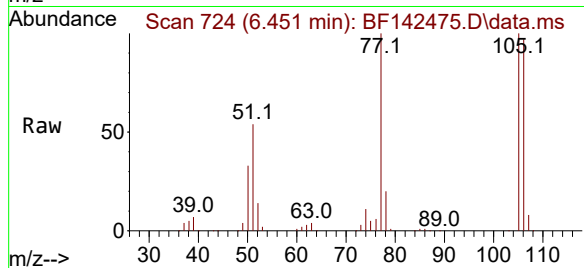
Tgt Ion: 77 Resp: 165445

Ion Ratio Lower Upper

77 100

105 100.5 82.5 122.5

106 97.4 80.0 120.0



#10

Phenol

Concen: 38.362 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

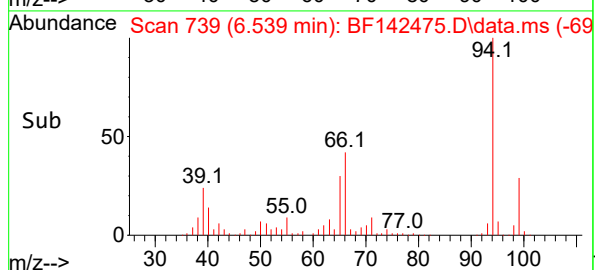
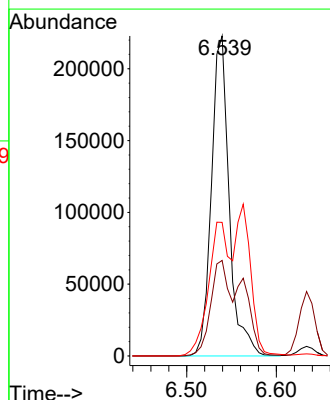
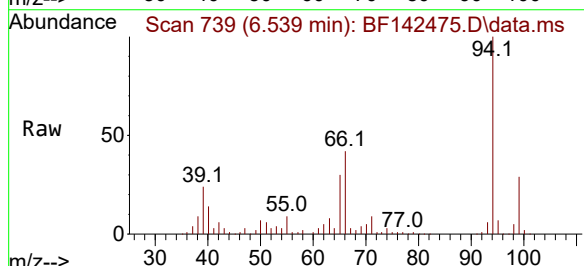
Tgt Ion: 94 Resp: 306601

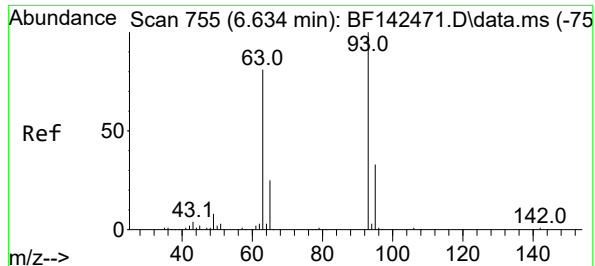
Ion Ratio Lower Upper

94 100

65 29.8 10.3 50.3

66 41.7 22.6 62.6

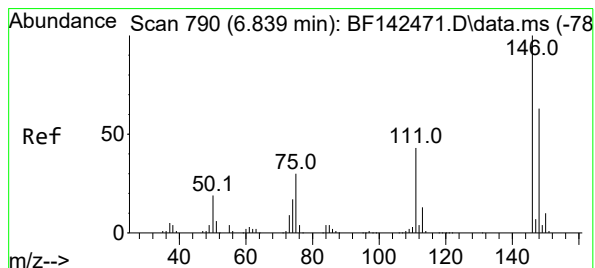
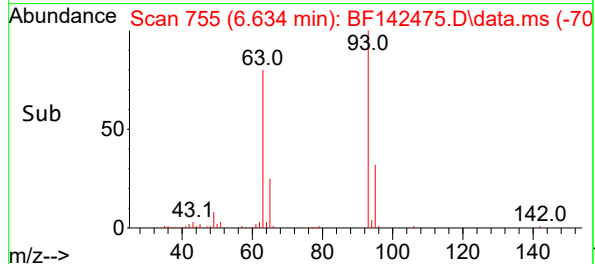
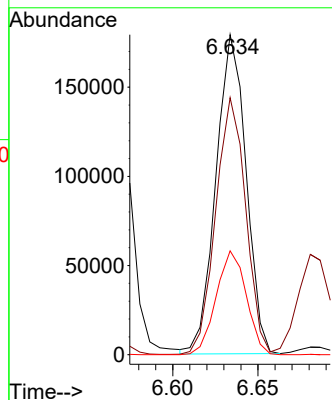
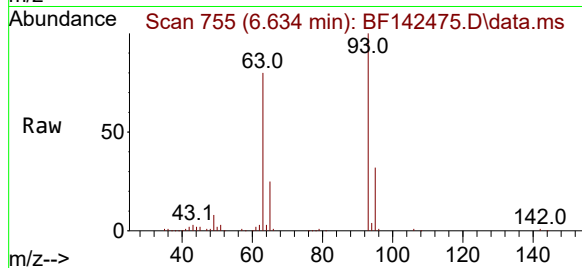




#11
bis(2-Chloroethyl)ether
Concen: 38.280 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

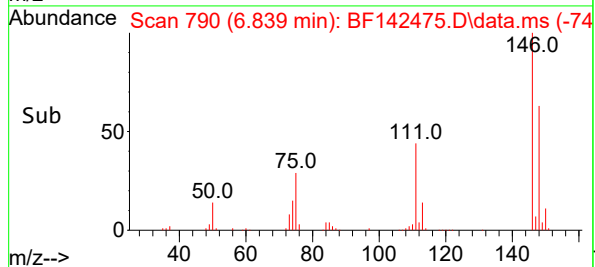
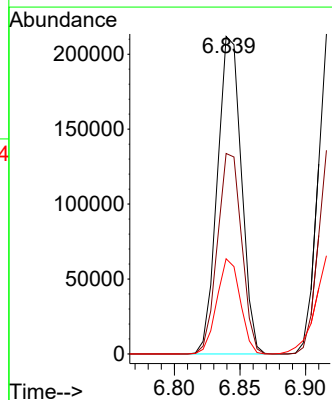
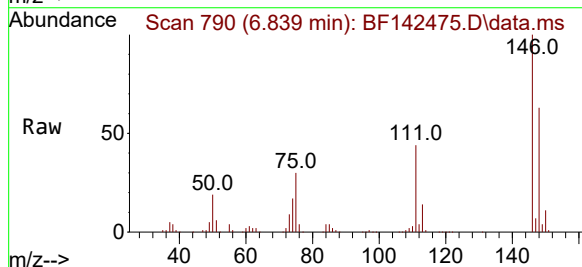
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

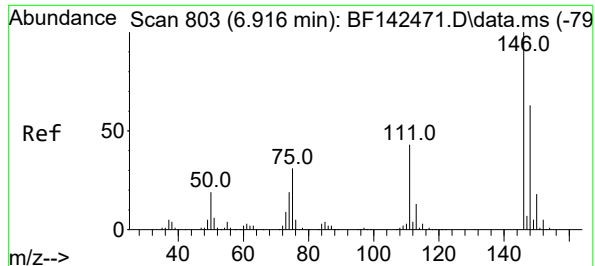
Tgt Ion: 93 Resp: 220228
Ion Ratio Lower Upper
93 100
63 80.3 60.2 100.2
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.579 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 146 Resp: 269504
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
75 30.0 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 38.078 ng

RT: 6.922 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

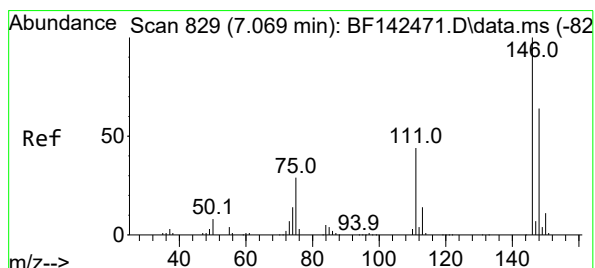
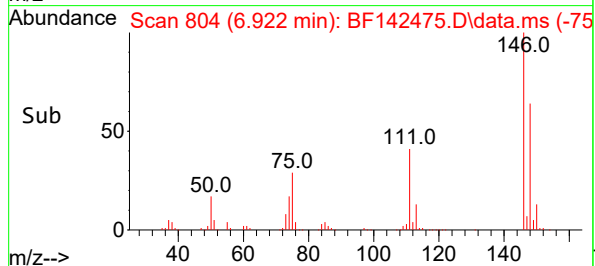
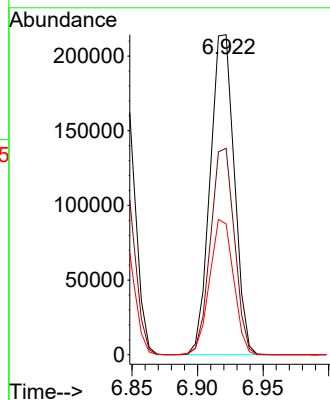
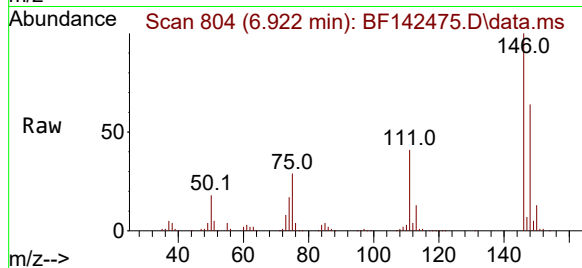
Tgt Ion:146 Resp: 275076

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

111 40.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 37.716 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

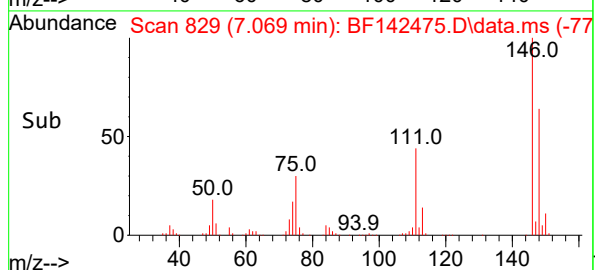
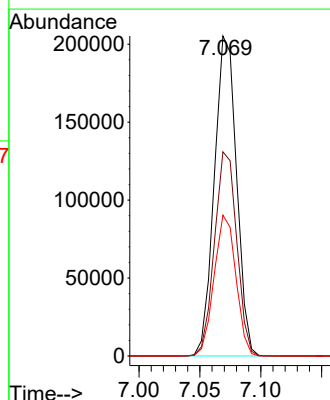
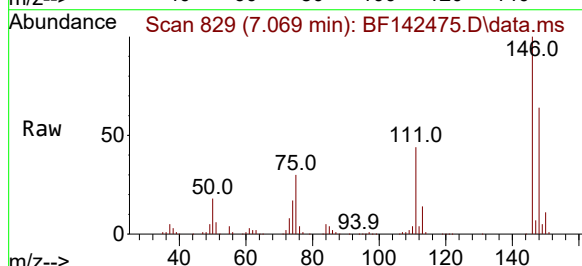
Tgt Ion:146 Resp: 260709

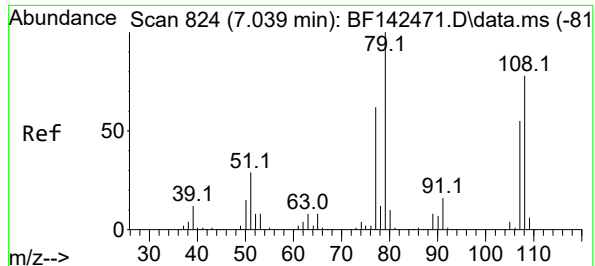
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

111 44.0 35.0 52.6





#15

Benzyl Alcohol

Concen: 38.663 ng

RT: 7.039 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

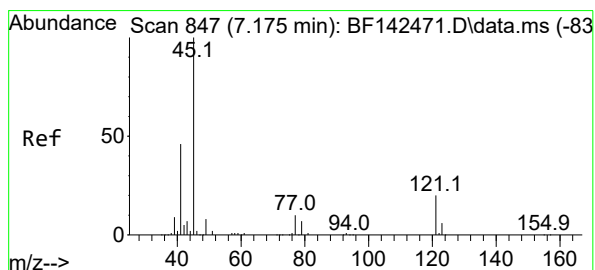
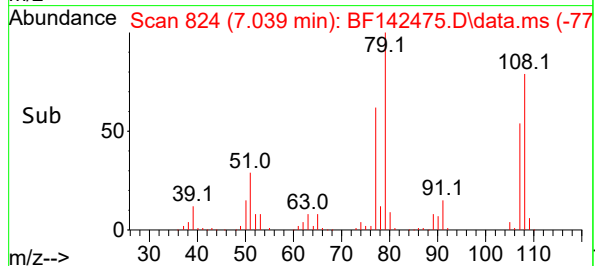
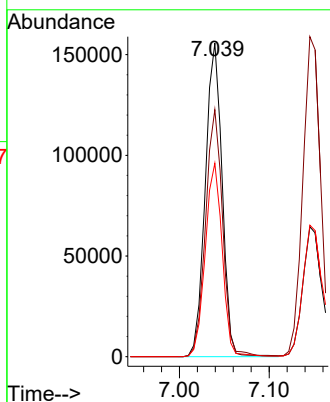
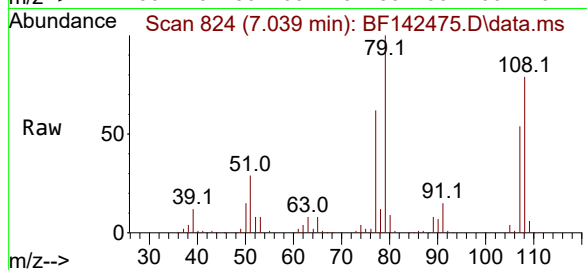
Tgt Ion: 79 Resp: 202944

Ion Ratio Lower Upper

79 100

108 78.8 62.1 93.1

77 61.7 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.927 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

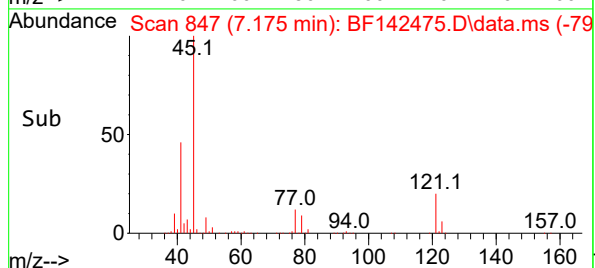
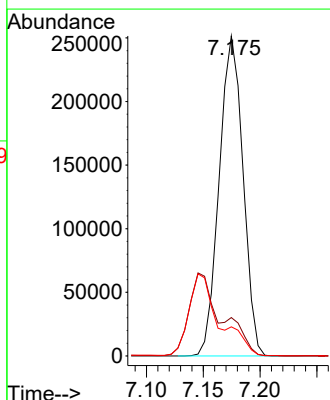
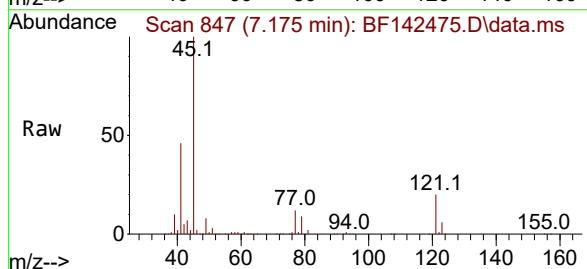
Tgt Ion: 45 Resp: 366430

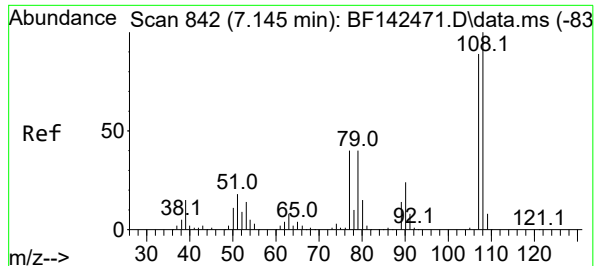
Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.0

79 9.1 0.0 29.2

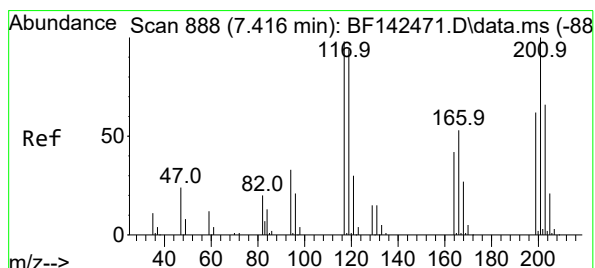
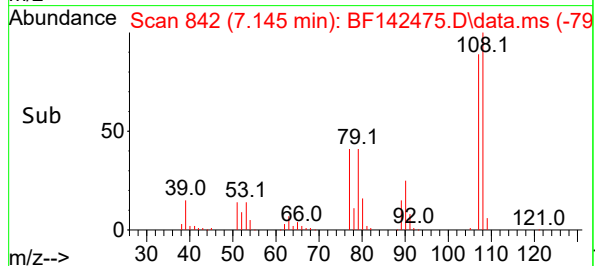
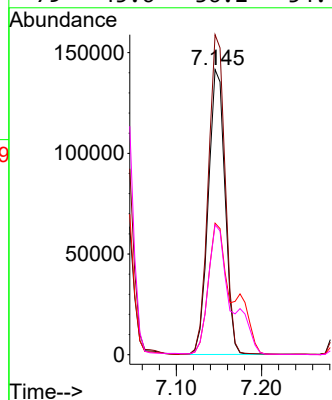
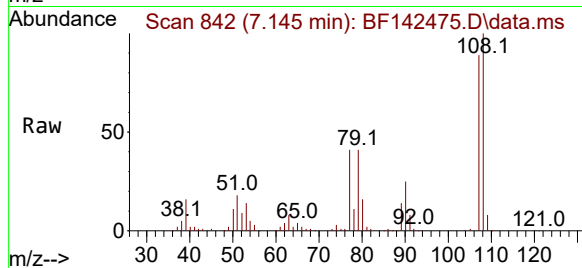




#17
2-Methylphenol
Concen: 38.500 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

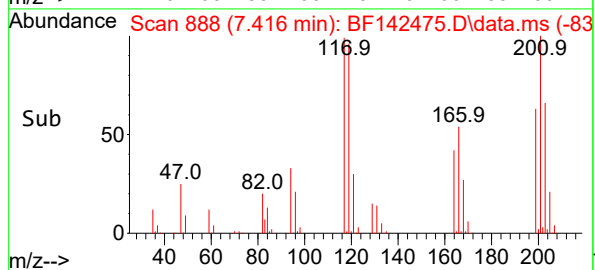
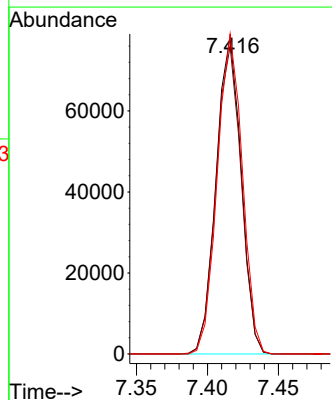
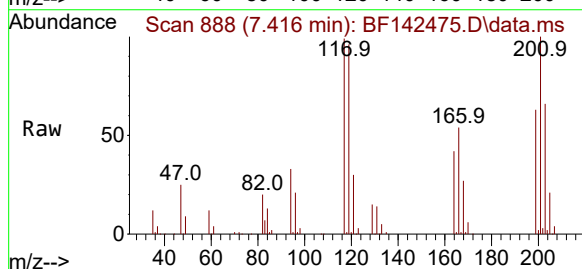
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

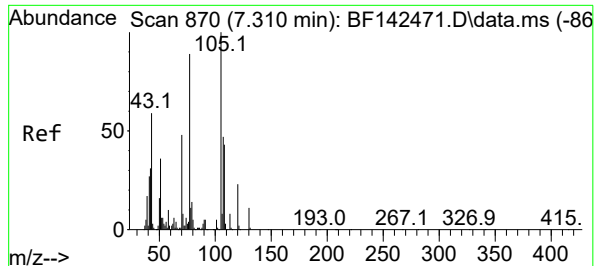
Tgt Ion:107 Resp: 193190
Ion Ratio Lower Upper
107 100
108 112.3 90.2 135.2
77 46.1 36.1 54.1
79 45.6 36.2 54.4



#18
Hexachloroethane
Concen: 38.137 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:117 Resp: 96202
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8
201 100.8 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 37.833 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142475.D

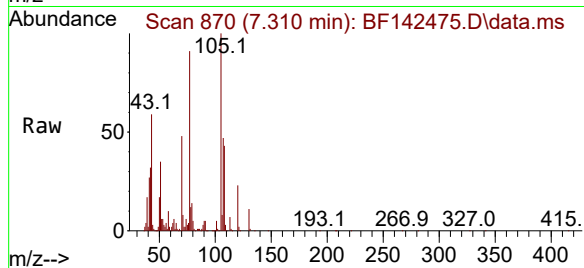
Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025



Tgt Ion: 70 Resp: 166542

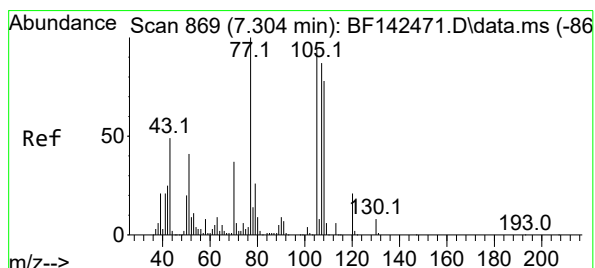
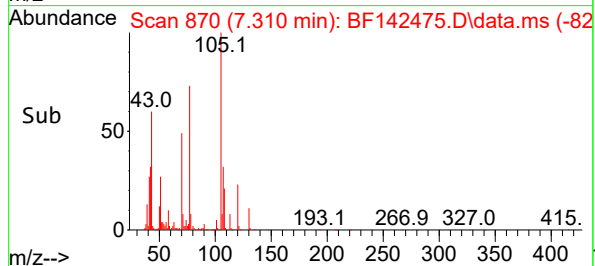
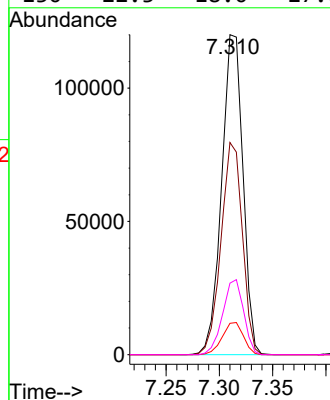
Ion Ratio Lower Upper

70 100

42 66.3 52.4 78.6

101 9.8 7.8 11.8

130 22.3 18.0 27.0



#20

3+4-Methylphenols

Concen: 38.020 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Tgt Ion: 107 Resp: 244310

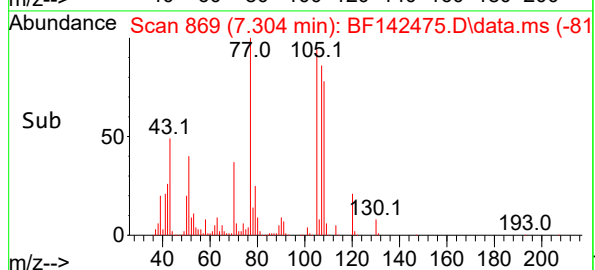
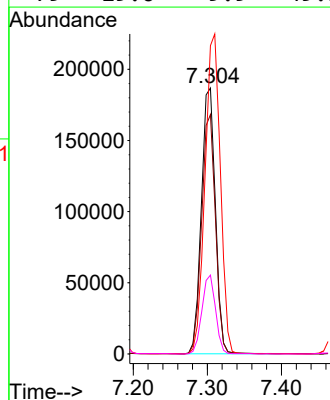
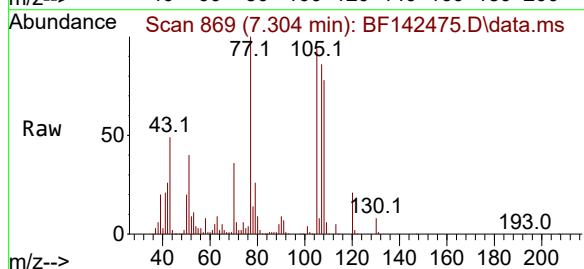
Ion Ratio Lower Upper

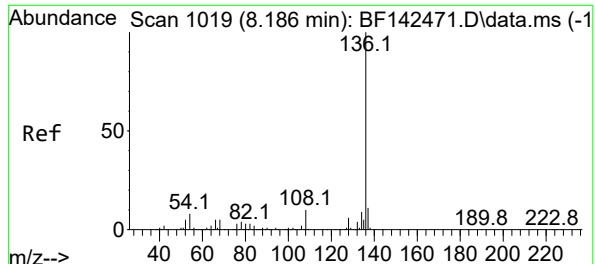
107 100

108 90.0 70.4 110.4

77 115.9 95.4 135.4

79 29.6 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

Tgt Ion:136 Resp: 385222

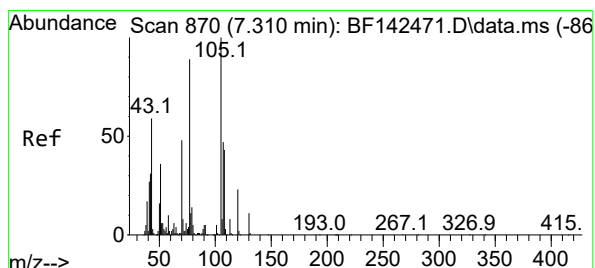
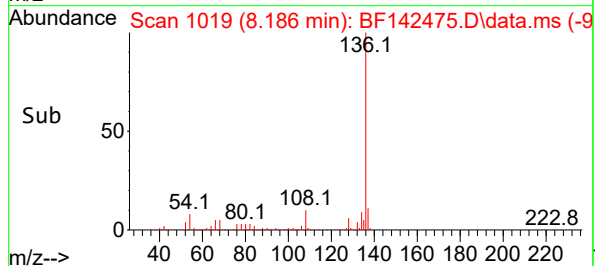
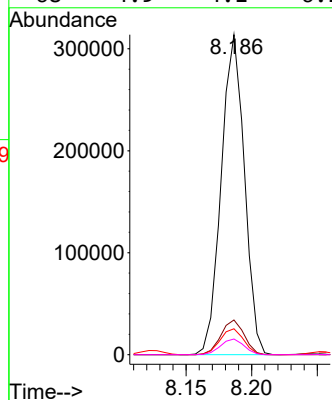
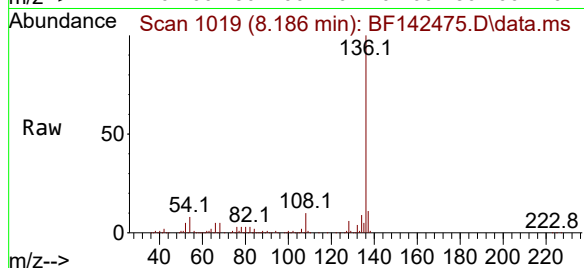
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.1 6.6 10.0

68 4.9 4.1 6.1



#22

Acetophenone

Concen: 38.118 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Tgt Ion:105 Resp: 325056

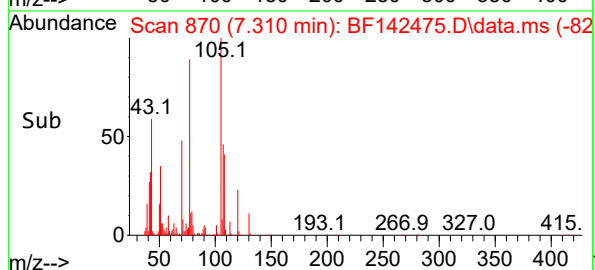
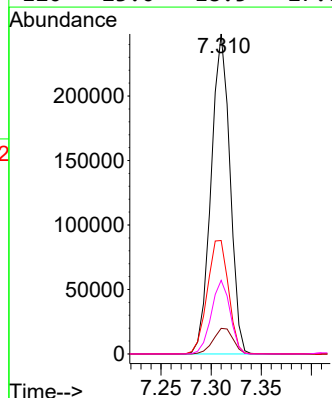
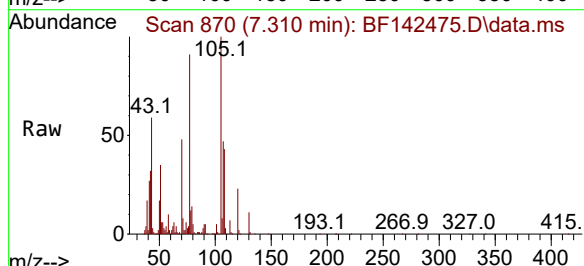
Ion Ratio Lower Upper

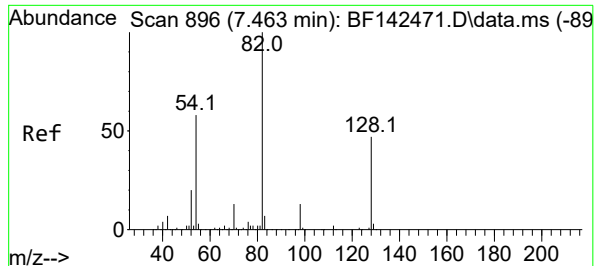
105 100

71 8.0 6.4 9.6

51 35.4 28.6 42.8

120 23.0 18.5 27.7





#23

Nitrobenzene-d5

Concen: 77.283 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

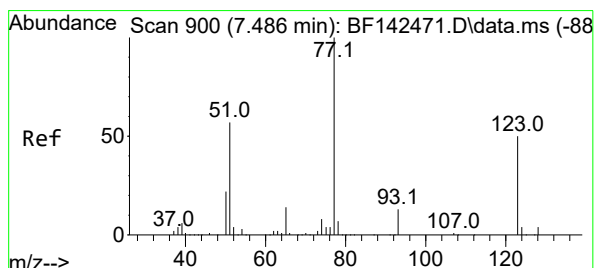
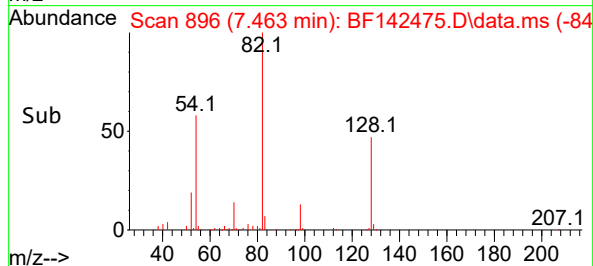
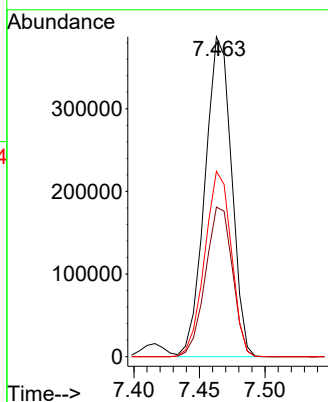
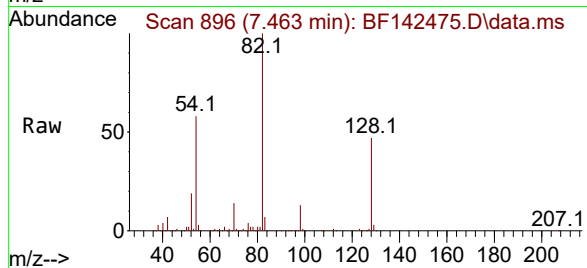
Tgt Ion: 82 Resp: 545967

Ion Ratio Lower Upper

82 100

128 46.7 37.4 56.2

54 58.0 46.6 70.0



#24

Nitrobenzene

Concen: 38.737 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

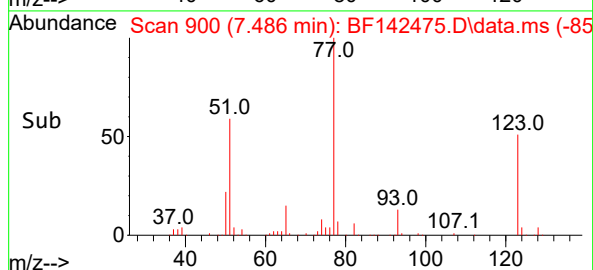
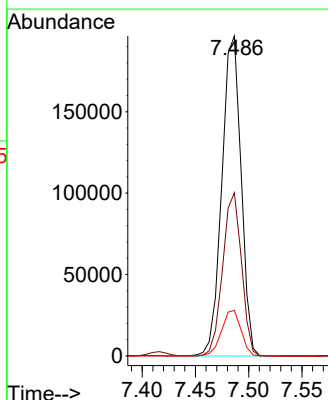
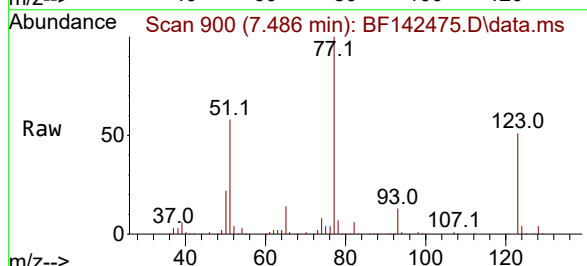
Tgt Ion: 77 Resp: 246818

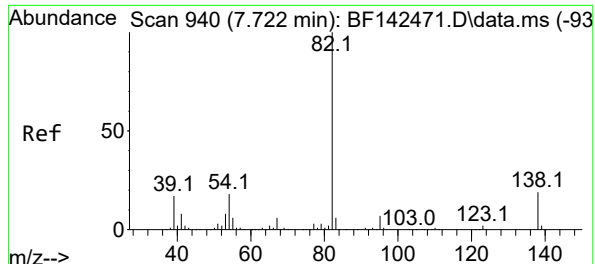
Ion Ratio Lower Upper

77 100

123 51.0 40.6 61.0

65 14.3 11.4 17.2





#25

Isophorone

Concen: 37.906 ng

RT: 7.722 min Scan# 940

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

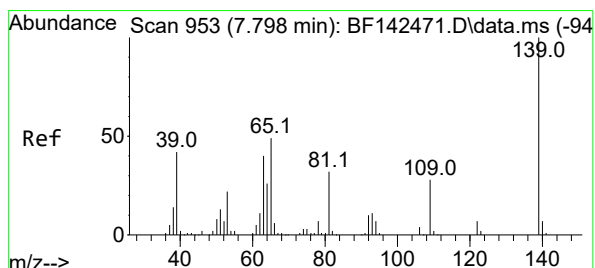
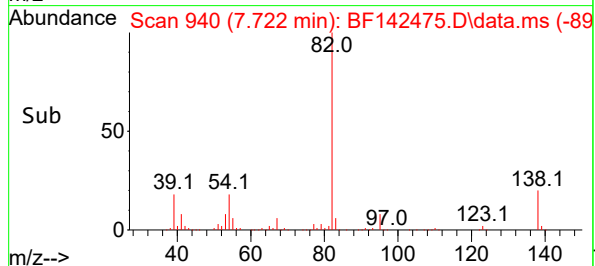
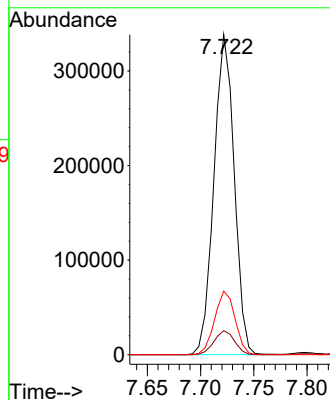
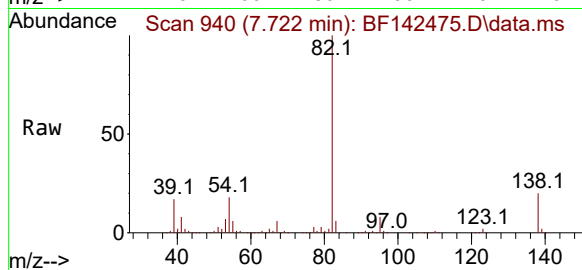
Tgt Ion: 82 Resp: 447723

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 19.9 15.5 23.3



#26

2-Nitrophenol

Concen: 39.958 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

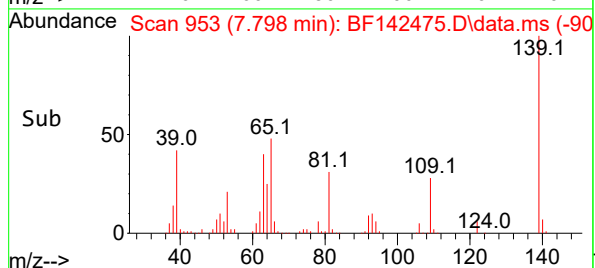
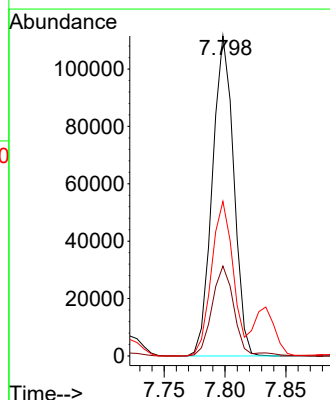
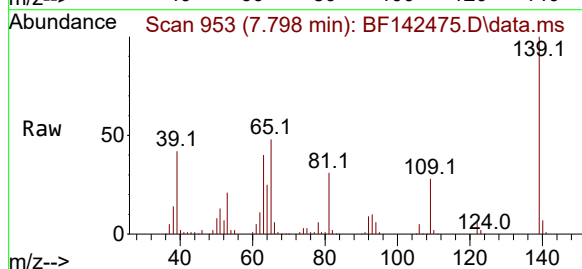
Tgt Ion:139 Resp: 136039

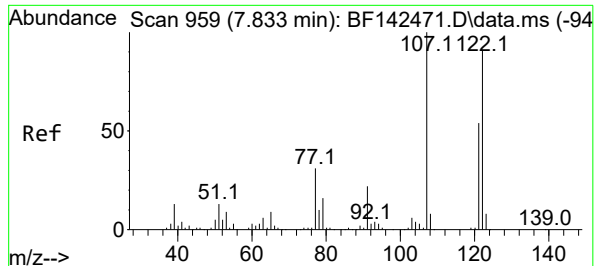
Ion Ratio Lower Upper

139 100

109 28.1 22.6 33.8

65 48.3 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 38.953 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

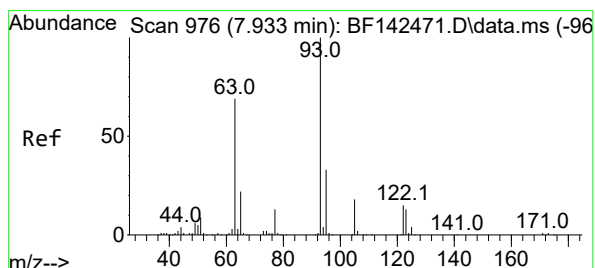
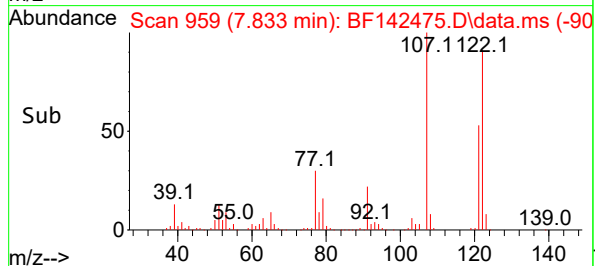
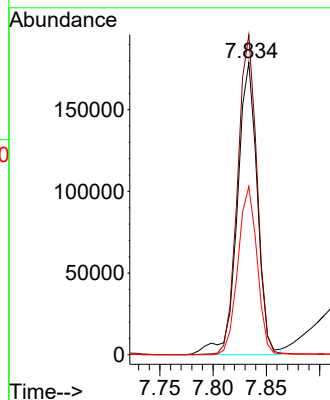
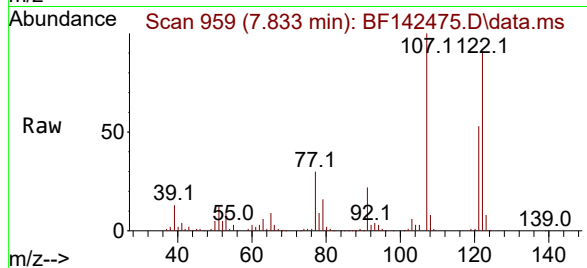
Tgt Ion:122 Resp: 233871

Ion Ratio Lower Upper

122 100

107 109.5 88.1 132.1

121 57.5 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 38.407 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

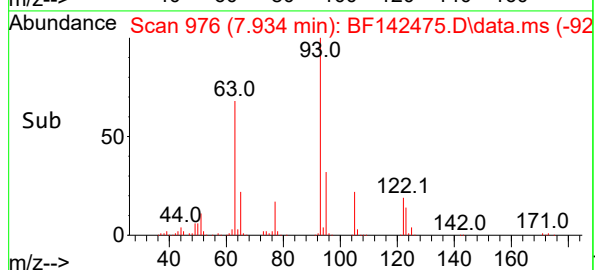
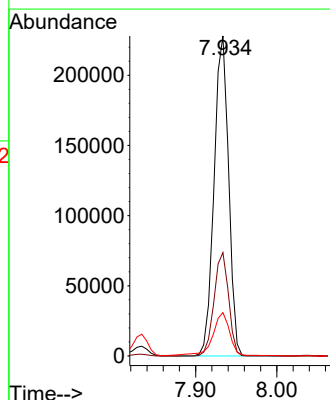
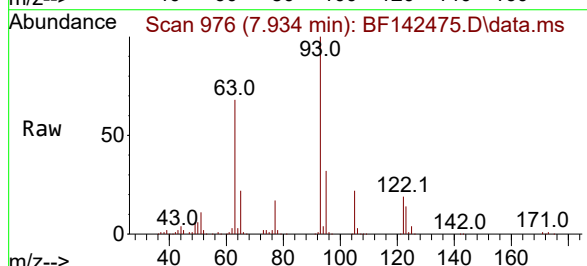
Tgt Ion: 93 Resp: 283379

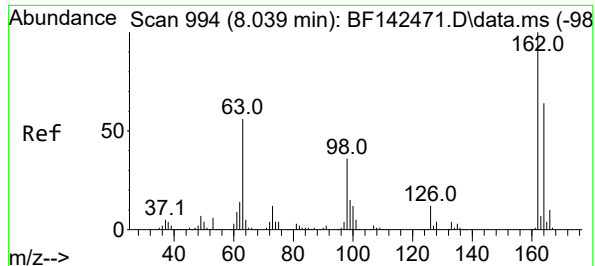
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 13.5 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 38.285 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

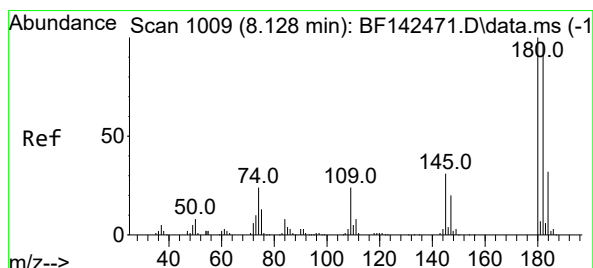
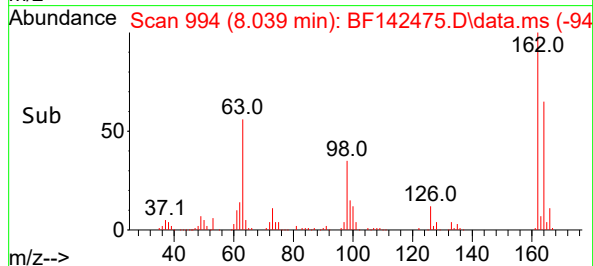
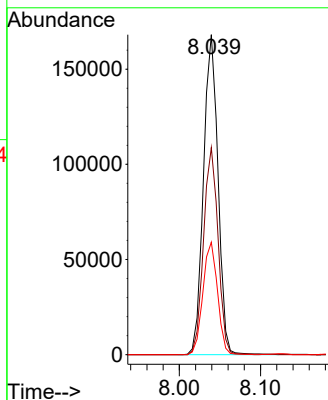
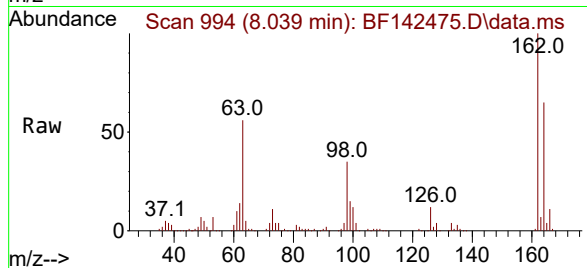
Tgt Ion:162 Resp: 209040

Ion Ratio Lower Upper

162 100

164 64.7 43.7 83.7

98 35.1 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 38.187 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

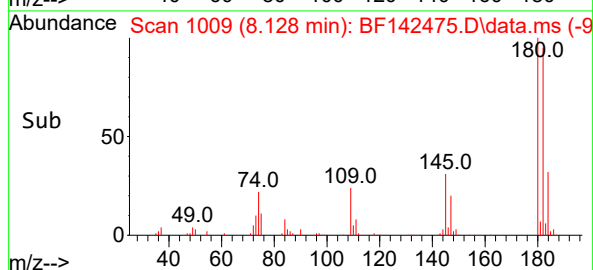
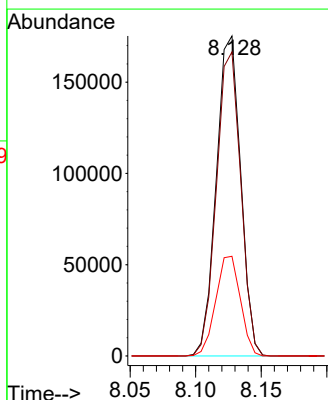
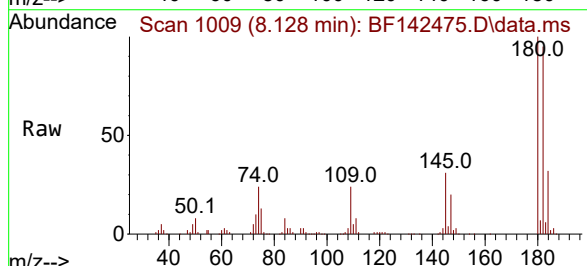
Tgt Ion:180 Resp: 226285

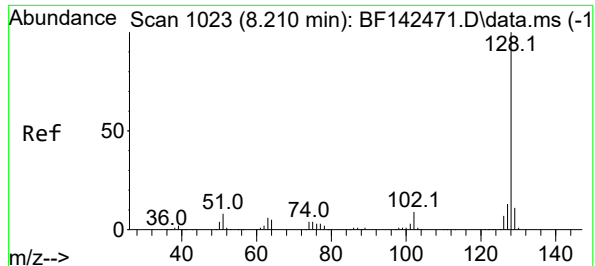
Ion Ratio Lower Upper

180 100

182 95.0 78.0 117.0

145 31.2 25.0 37.6





#31

Naphthalene

Concen: 38.112 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

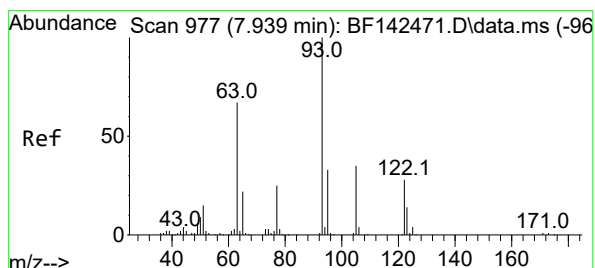
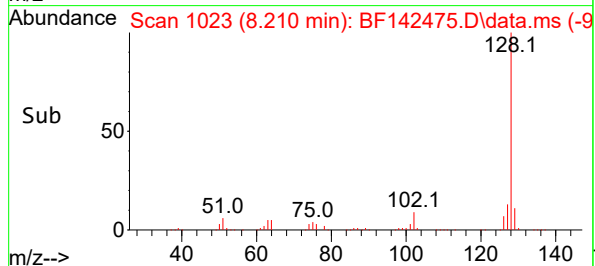
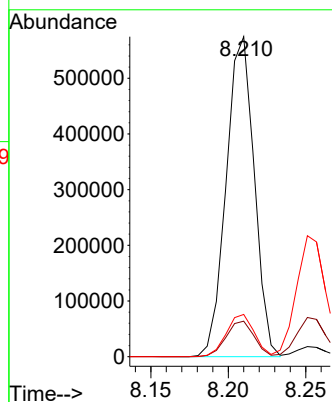
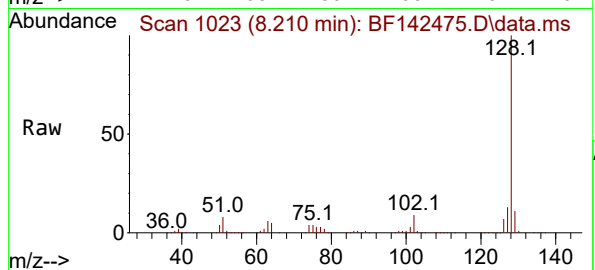
Tgt Ion:128 Resp: 722913

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 40.490 ng

RT: 7.939 min Scan# 977

Delta R.T. -0.036 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

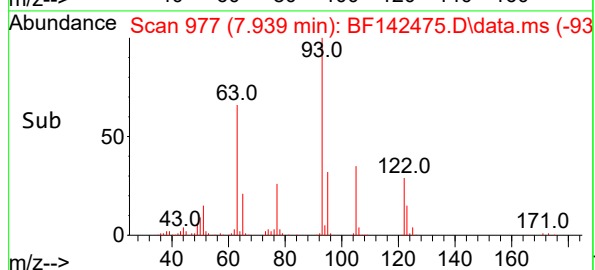
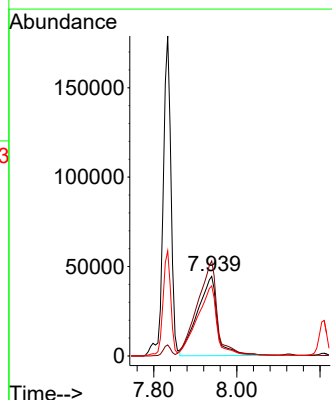
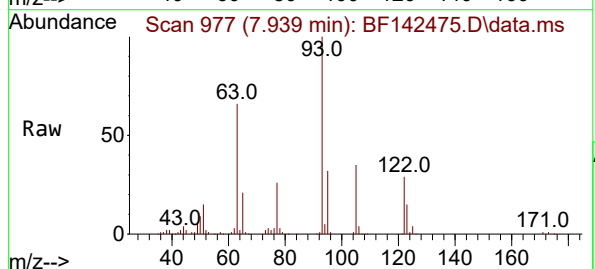
Tgt Ion:122 Resp: 147981

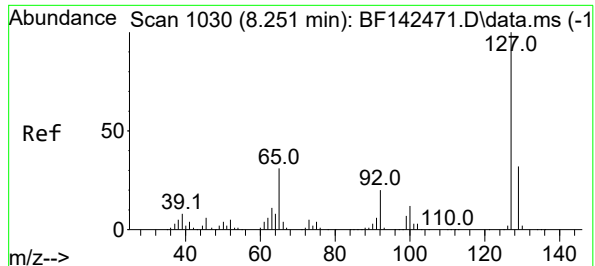
Ion Ratio Lower Upper

122 100

105 119.5 101.7 141.7

77 88.1 69.5 109.5





#33

4-Chloroaniline

Concen: 38.962 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

Tgt Ion:127 Resp: 299462

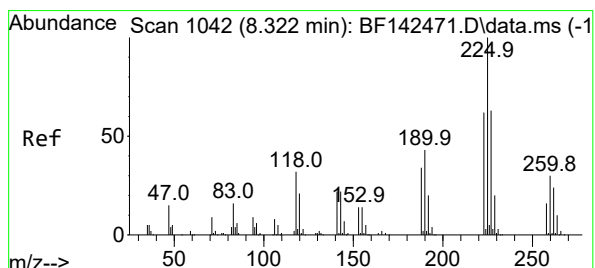
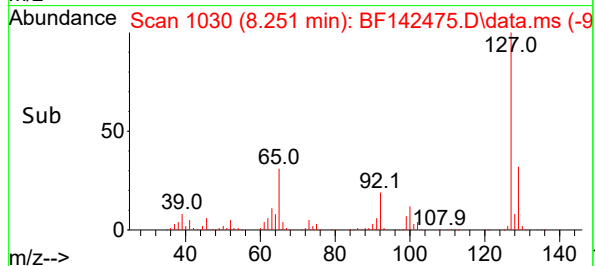
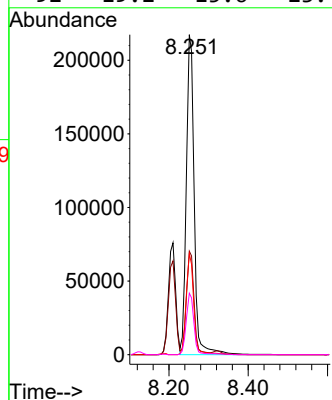
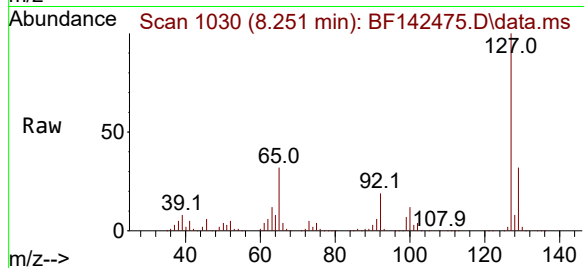
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 31.6 24.9 37.3

92 19.2 15.6 23.4



#34

Hexachlorobutadiene

Concen: 38.512 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

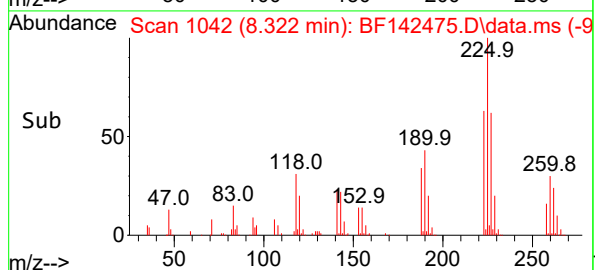
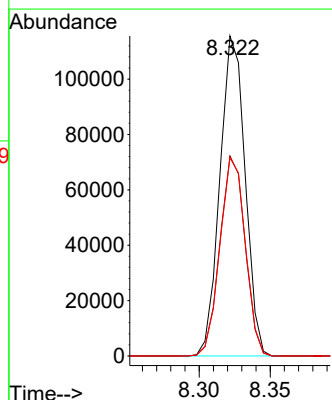
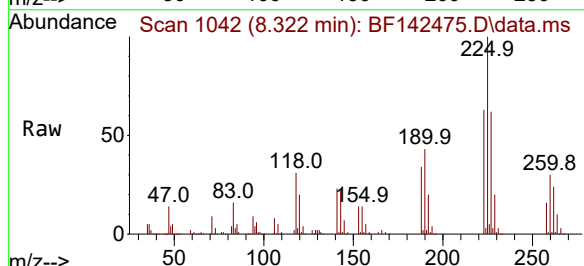
Tgt Ion:225 Resp: 142496

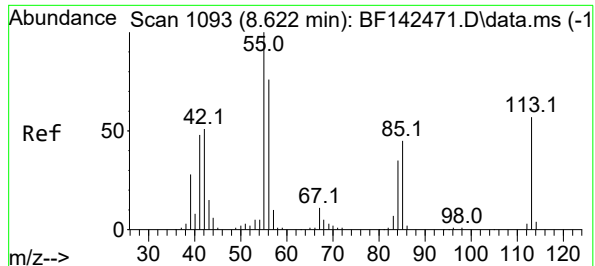
Ion Ratio Lower Upper

225 100

223 62.5 49.7 74.5

227 62.0 50.3 75.5





#35

Caprolactam

Concen: 39.162 ng

RT: 8.622 min Scan# 1093

Delta R.T. -0.023 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

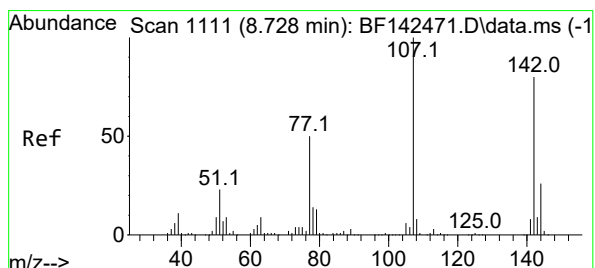
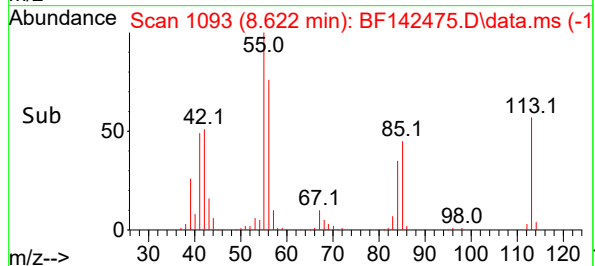
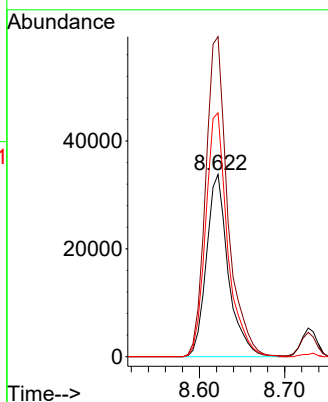
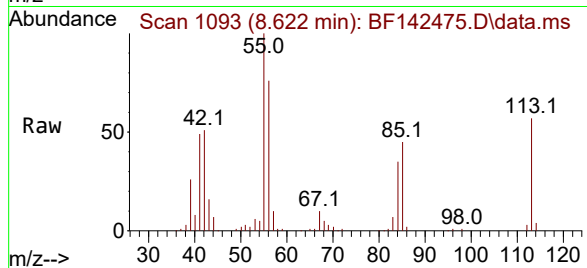
Tgt Ion:113 Resp: 60055

Ion Ratio Lower Upper

113 100

55 175.7 154.7 194.7

56 133.9 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 38.654 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

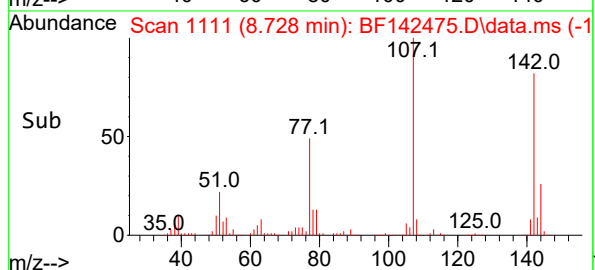
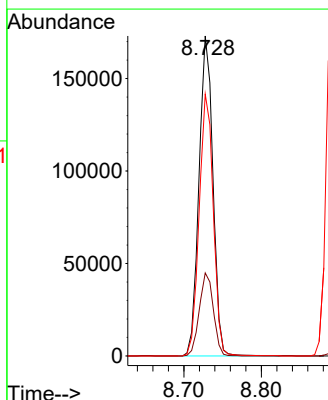
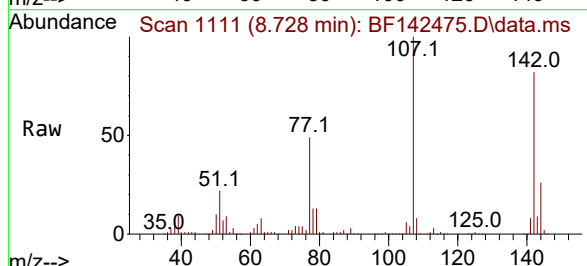
Tgt Ion:107 Resp: 216299

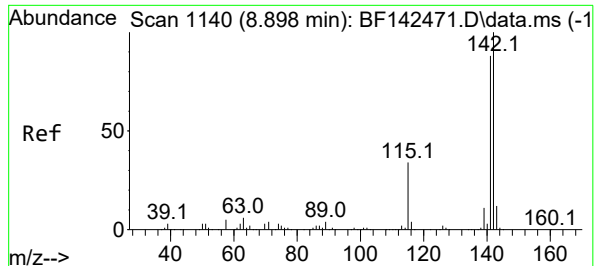
Ion Ratio Lower Upper

107 100

144 25.9 20.9 31.3

142 81.8 64.2 96.2

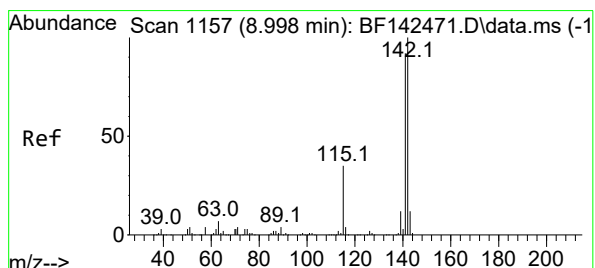
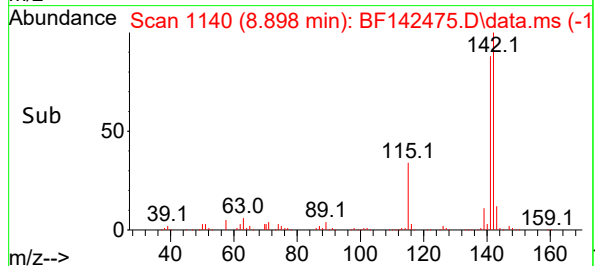
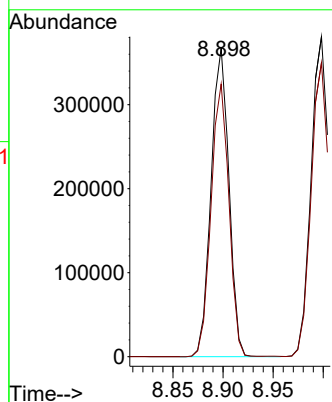
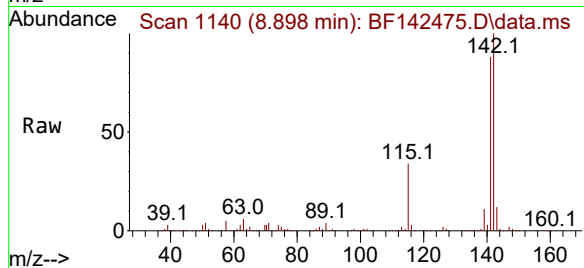




#37
2-Methylnaphthalene
Concen: 38.062 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

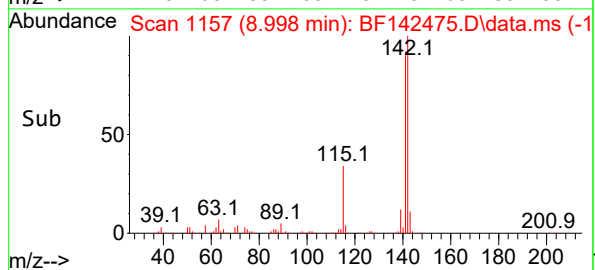
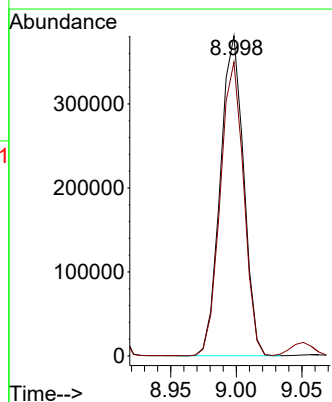
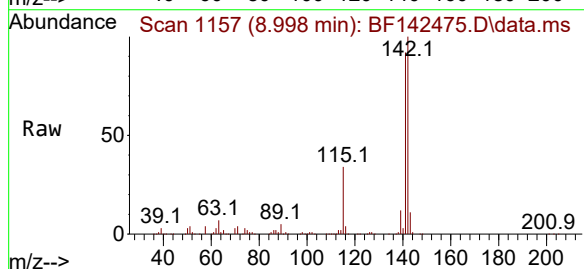
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

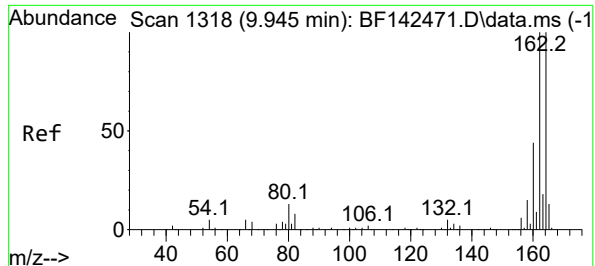
Tgt Ion:142 Resp: 454200
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1



#38
1-Methylnaphthalene
Concen: 38.229 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:142 Resp: 471880
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF142475.D

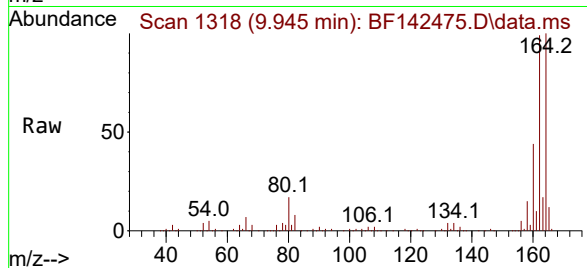
Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025



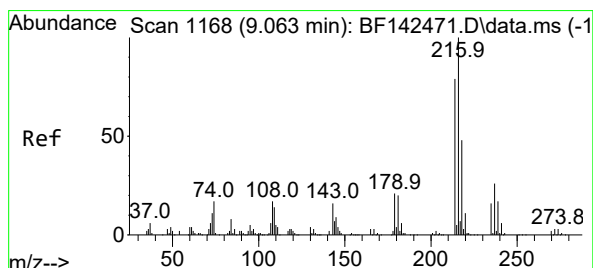
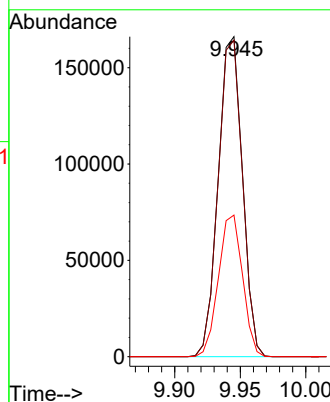
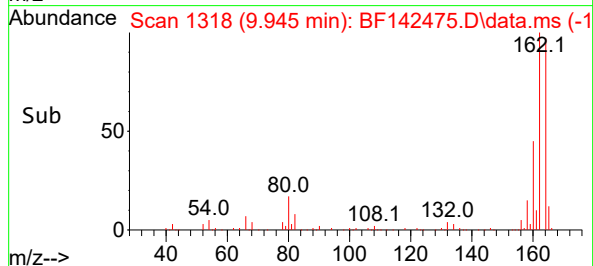
Tgt Ion:164 Resp: 213164

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.4

160 44.3 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

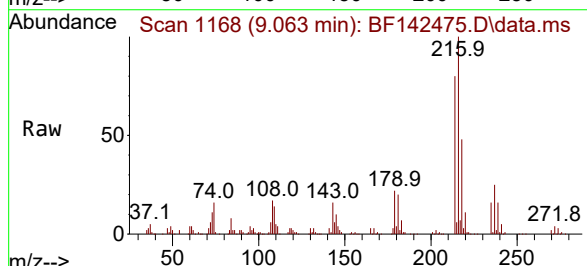
Concen: 37.508 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31



Tgt Ion:216 Resp: 229514

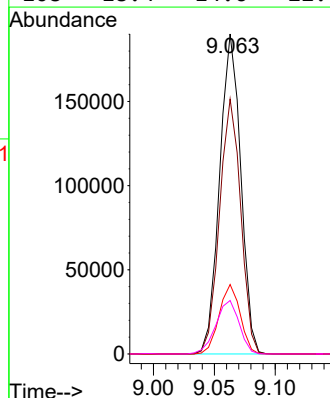
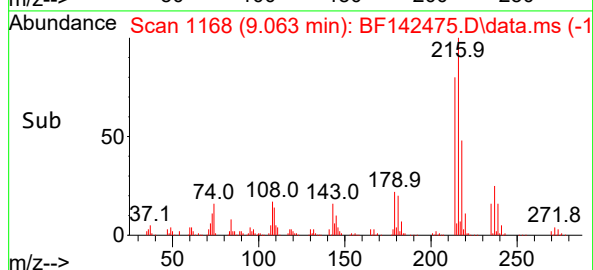
Ion Ratio Lower Upper

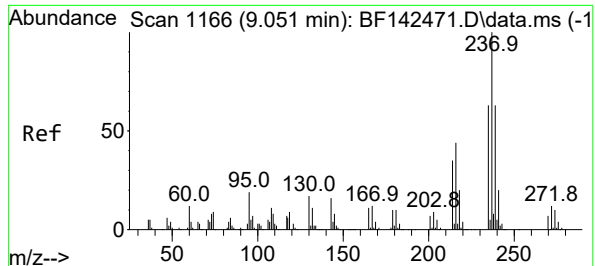
216 100

214 79.6 62.9 94.3

179 21.6 16.9 25.3

108 18.4 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 39.991 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

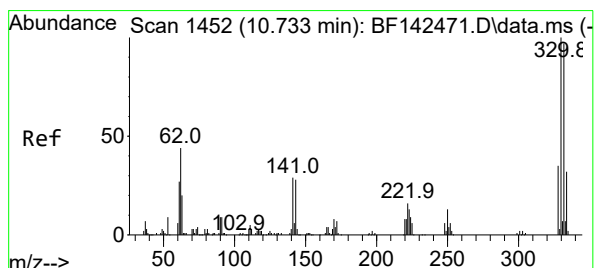
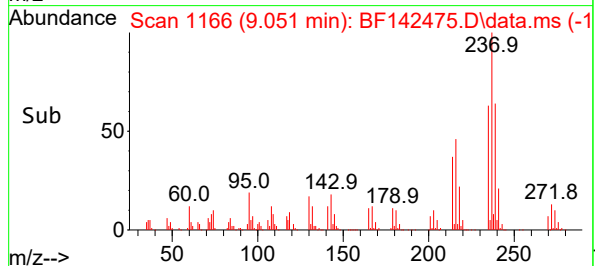
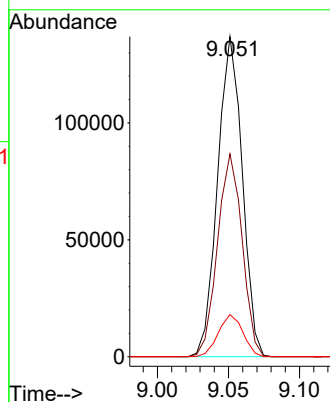
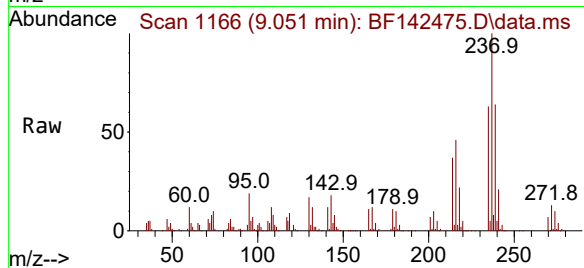
Tgt Ion:237 Resp: 165077

Ion Ratio Lower Upper

237 100

235 63.4 43.3 83.3

272 13.1 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 75.790 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

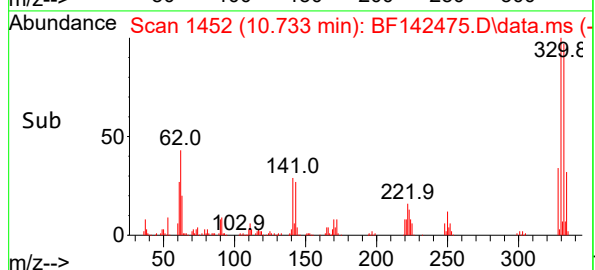
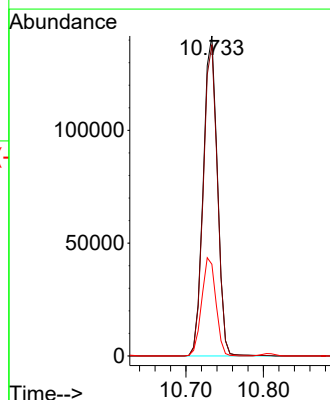
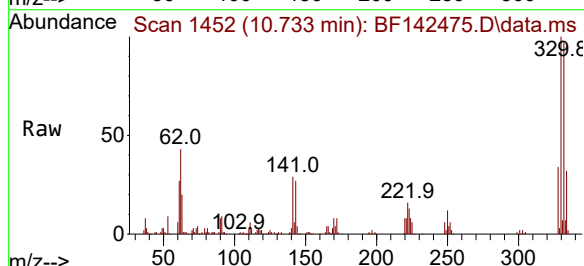
Tgt Ion:330 Resp: 179309

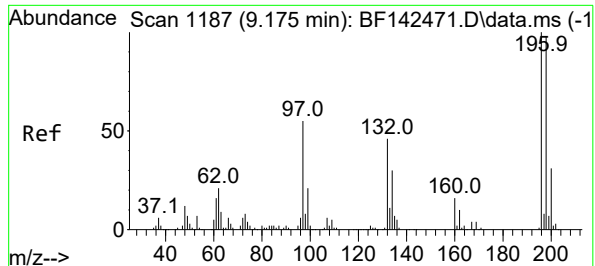
Ion Ratio Lower Upper

330 100

332 97.2 77.6 116.4

141 31.0 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 37.954 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142475.D

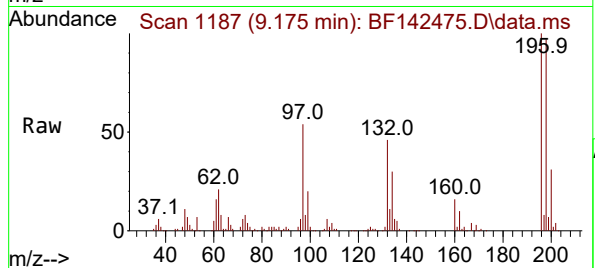
Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025



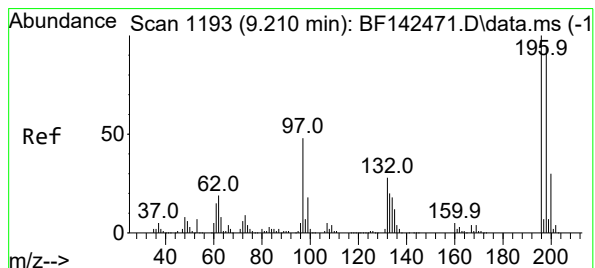
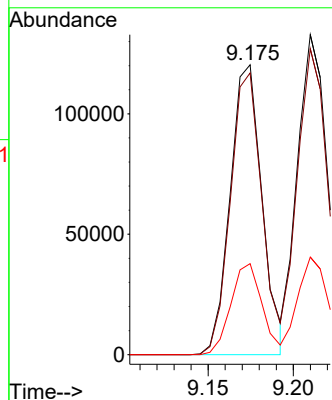
Tgt Ion:196 Resp: 156603

Ion Ratio Lower Upper

196 100

198 97.1 78.8 118.2

200 31.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 37.766 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Tgt Ion:196 Resp: 164342

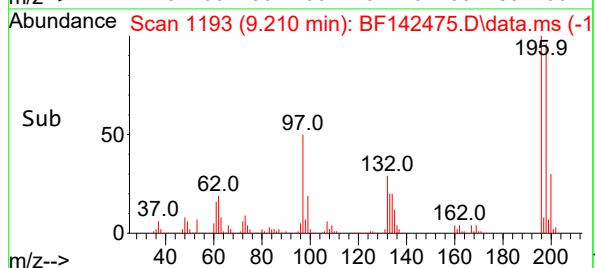
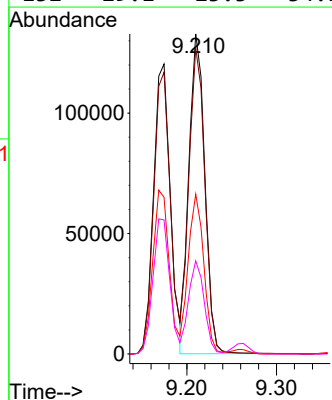
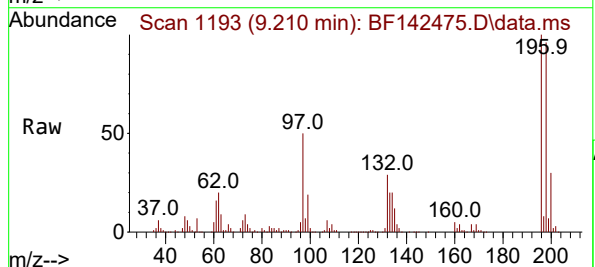
Ion Ratio Lower Upper

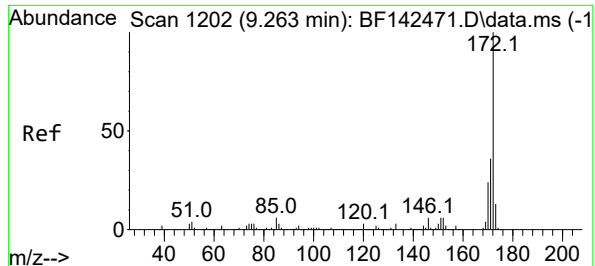
196 100

198 95.6 75.5 113.3

97 49.9 39.3 58.9

132 29.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.557 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

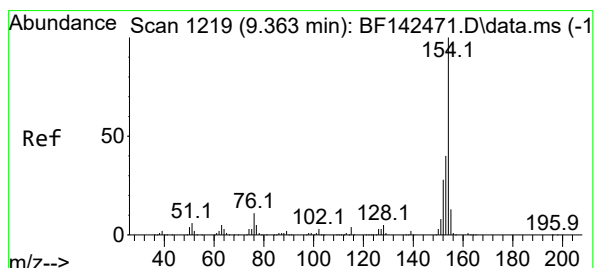
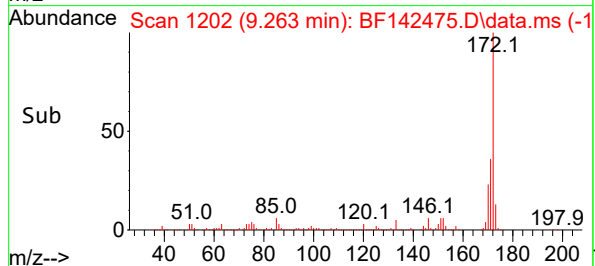
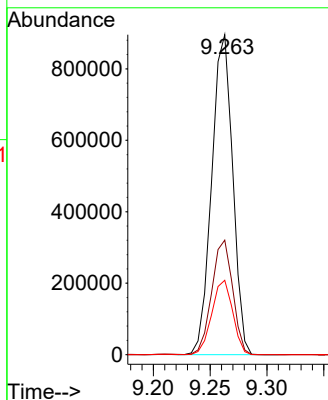
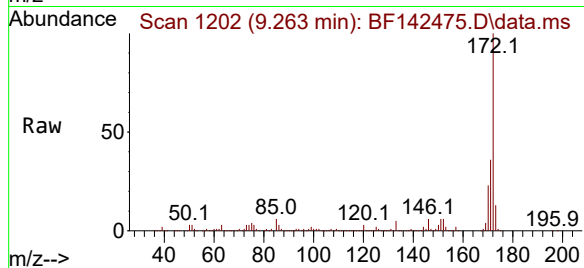
Tgt Ion:172 Resp: 1152622

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 37.487 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

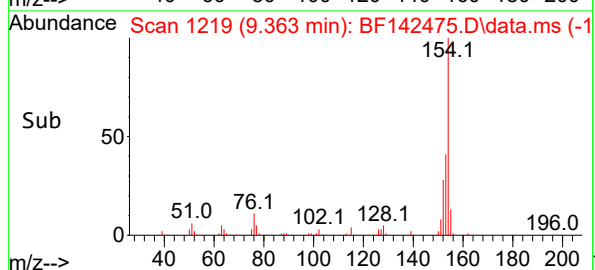
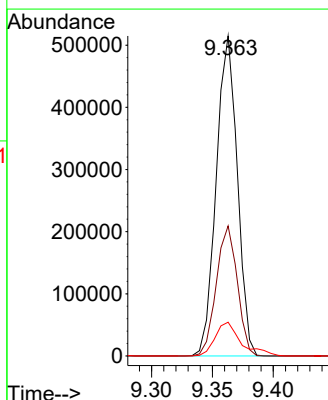
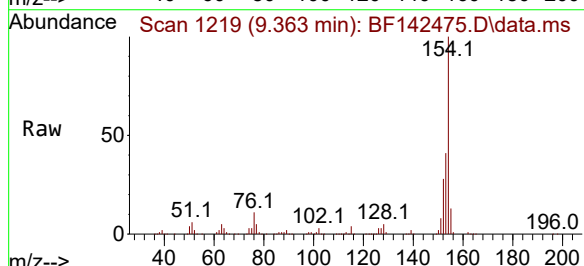
Tgt Ion:154 Resp: 619947

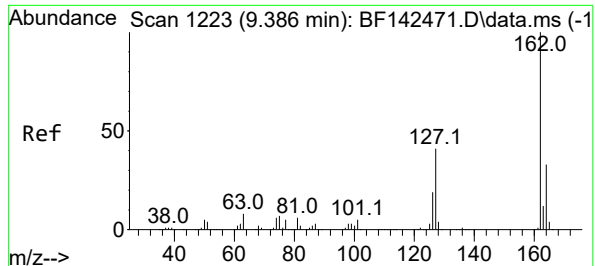
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 10.6 0.0 30.8





#47

2-Chloronaphthalene

Concen: 37.763 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

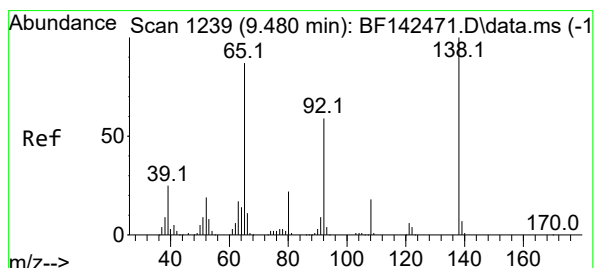
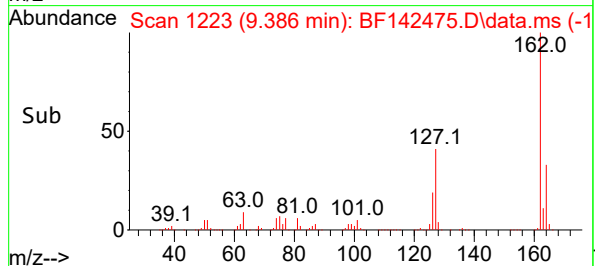
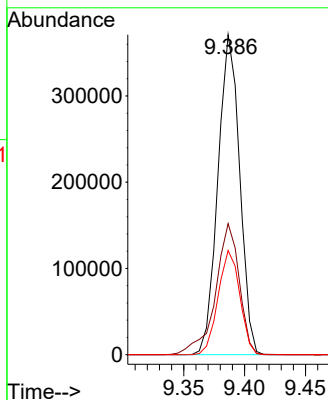
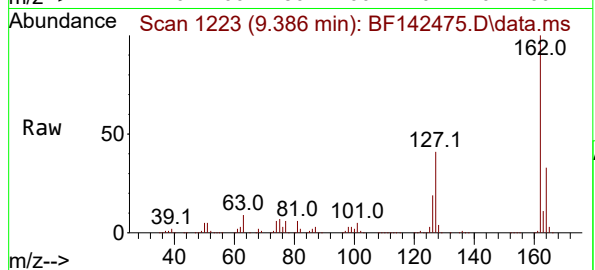
Tgt Ion:162 Resp: 461414

Ion Ratio Lower Upper

162 100

127 40.9 33.5 50.3

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 38.867 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

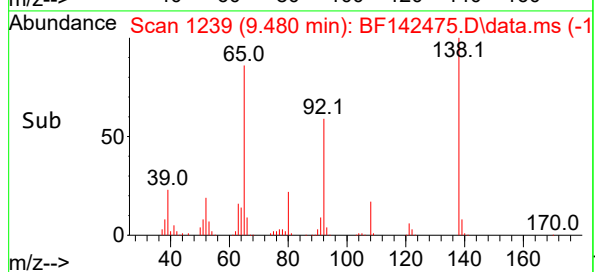
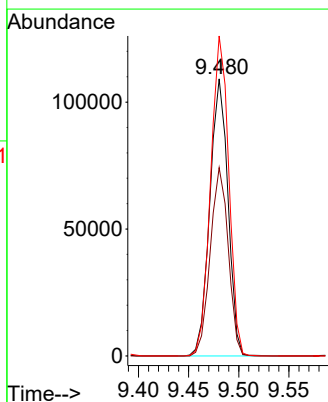
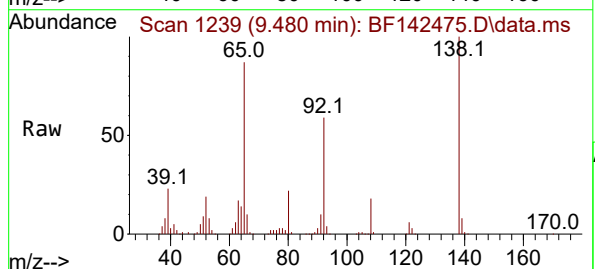
Tgt Ion: 65 Resp: 137268

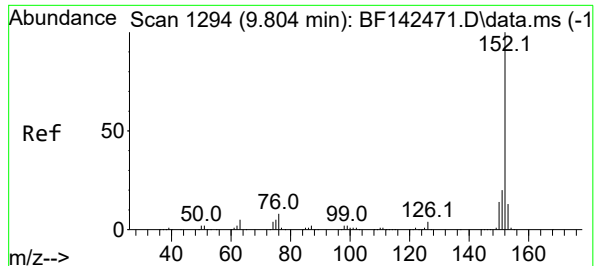
Ion Ratio Lower Upper

65 100

92 68.0 54.4 81.6

138 115.5 91.4 137.2





#49

Acenaphthylene

Concen: 37.630 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142475.D

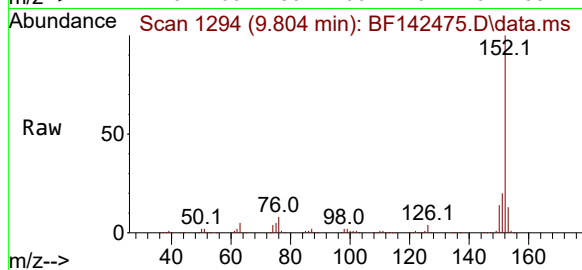
Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025



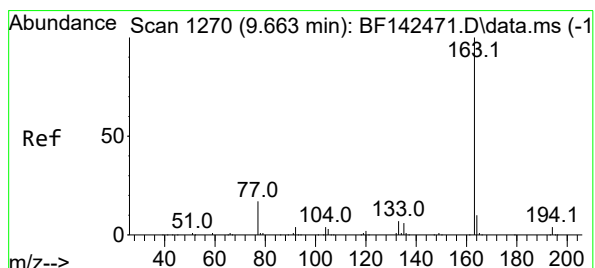
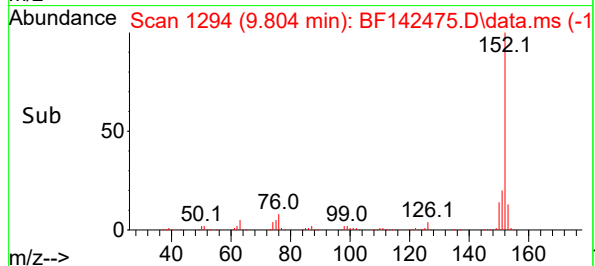
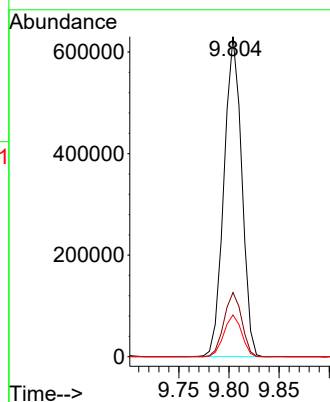
Tgt Ion:152 Resp: 776377

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 37.184 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

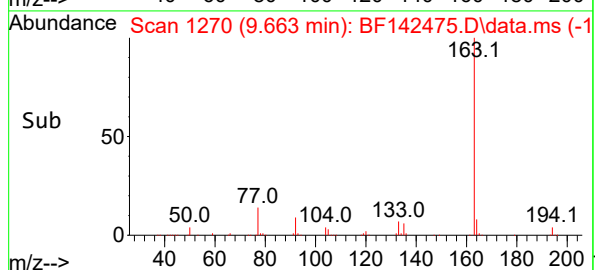
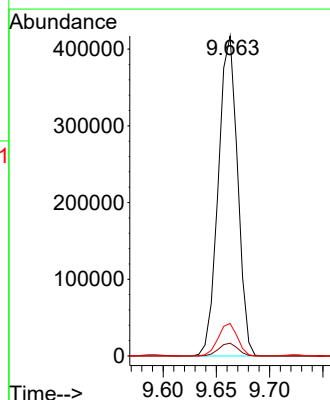
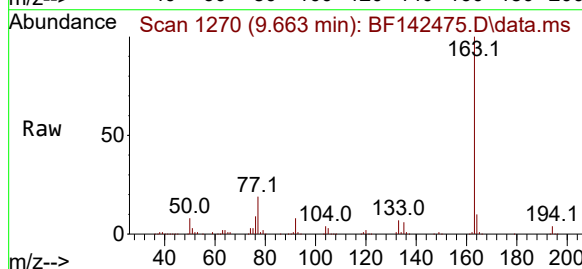
Tgt Ion:163 Resp: 523004

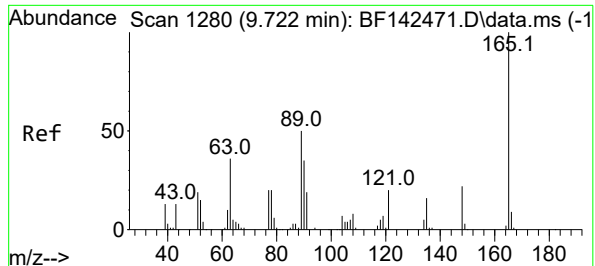
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 8.2 12.4

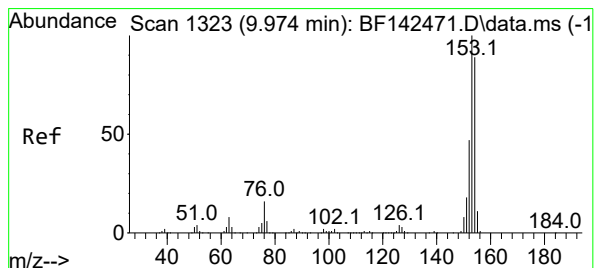
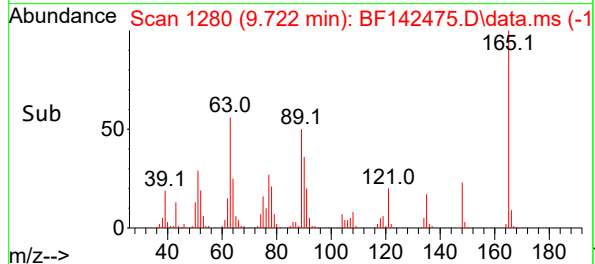
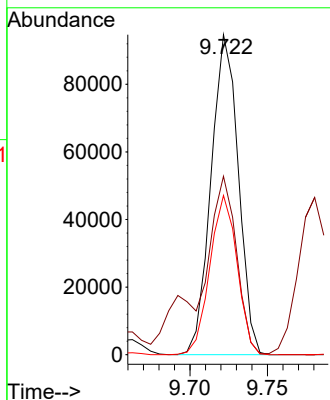
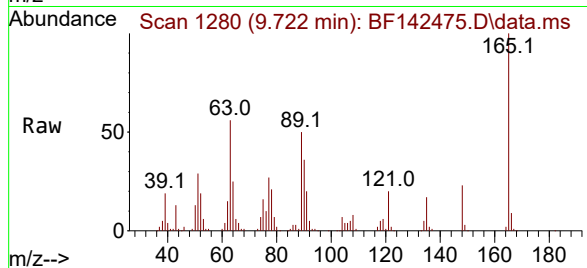




#51
2,6-Dinitrotoluene
Concen: 38.191 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

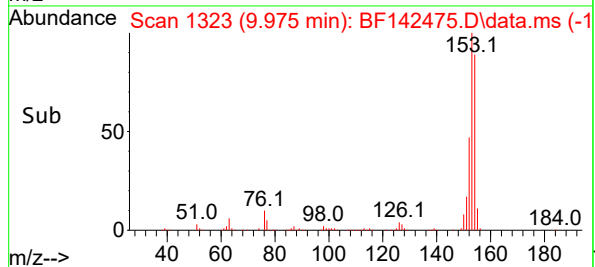
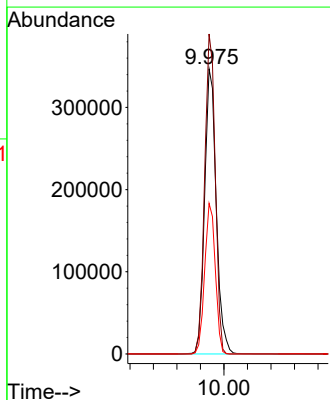
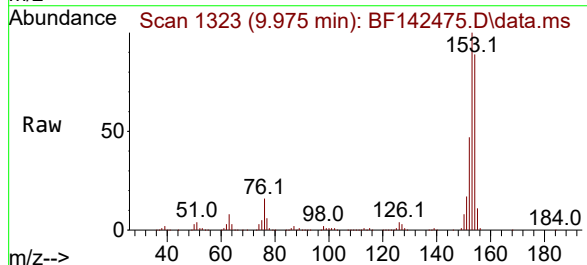
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

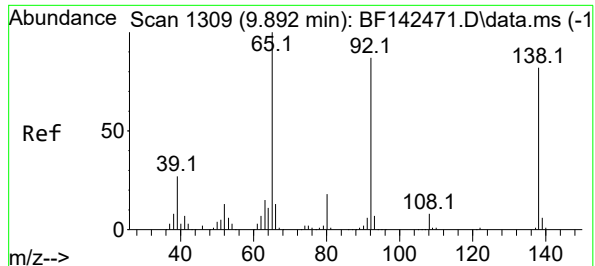
Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.8	42.9	64.3
89	49.8	40.2	60.4



#52
Acenaphthene
Concen: 37.877 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.0	135.0
152	52.8	42.6	64.0





#53

3-Nitroaniline

Concen: 38.246 ng

RT: 9.892 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142475.D

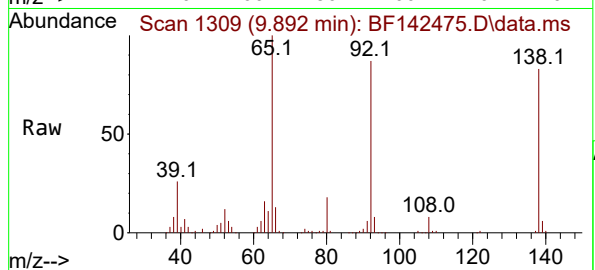
Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025



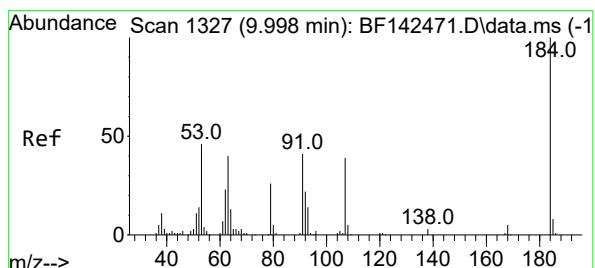
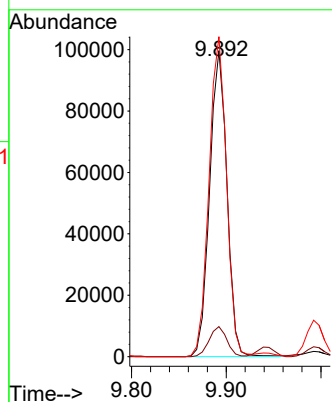
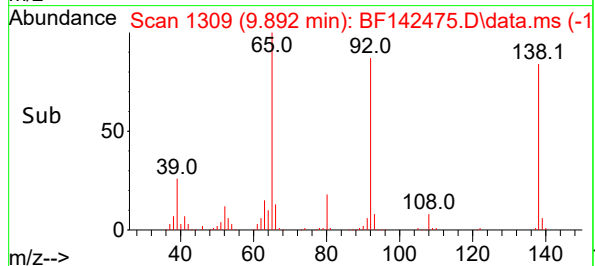
Tgt Ion:138 Resp: 126814

Ion Ratio Lower Upper

138 100

108 9.9 8.1 12.1

92 104.6 85.2 127.8



#54

2,4-Dinitrophenol

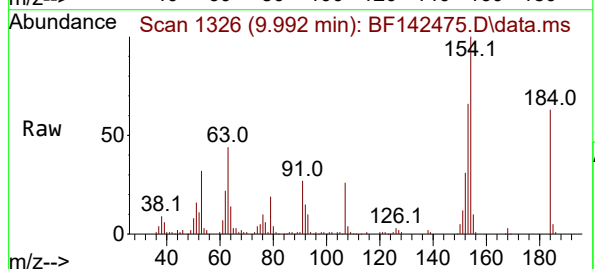
Concen: 41.481 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31



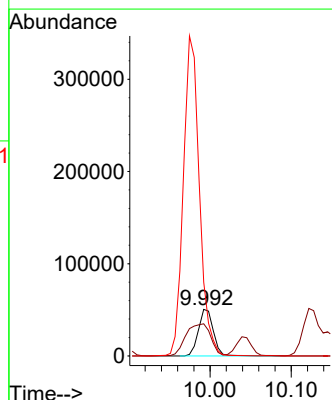
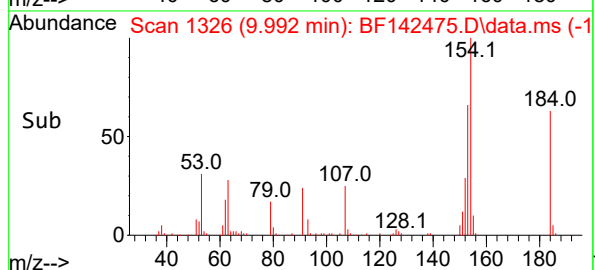
Tgt Ion:184 Resp: 65057

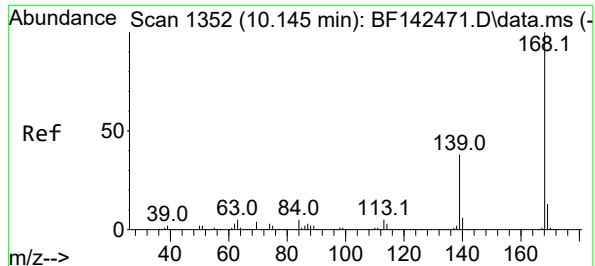
Ion Ratio Lower Upper

184 100

63 69.3 46.3 69.5

154 158.8 56.8 85.2#

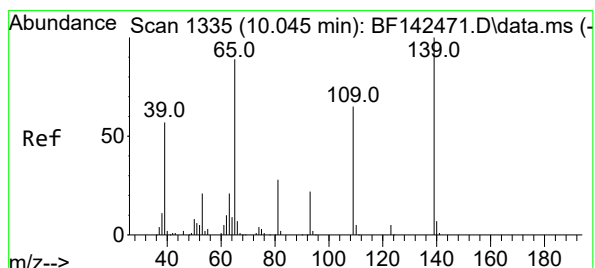
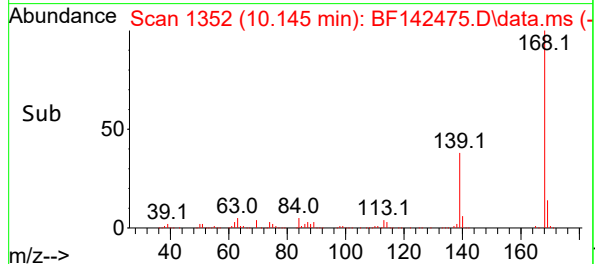
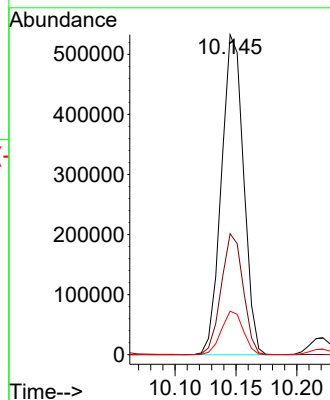
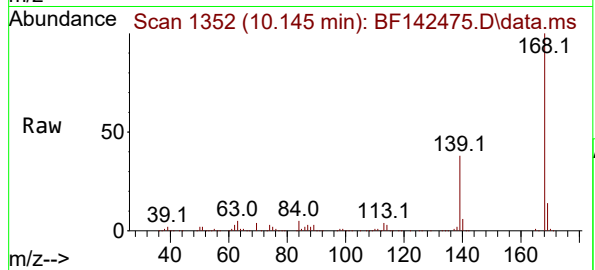




#55
Dibenzenofuran
Concen: 37.170 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

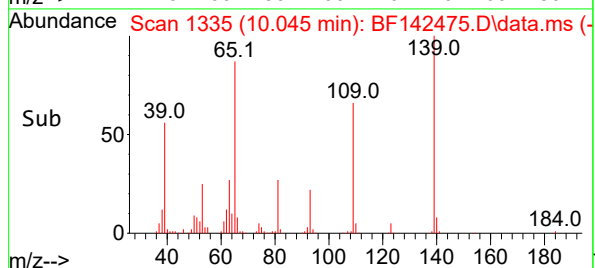
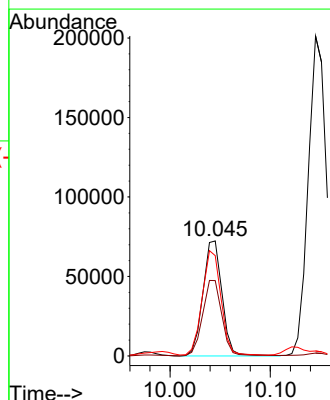
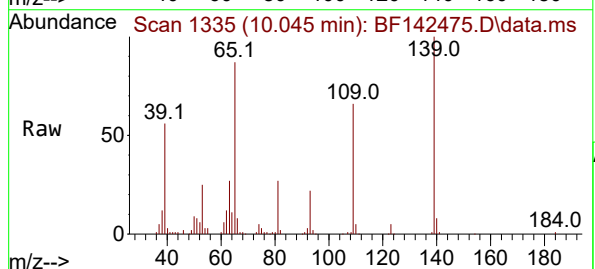
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

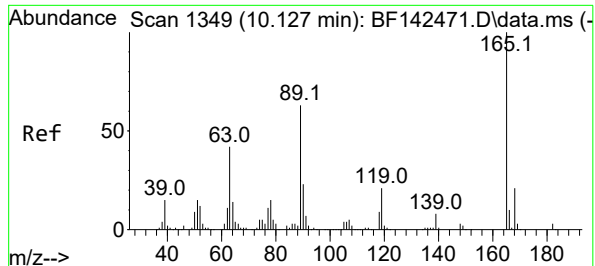
Tgt Ion:168 Resp: 673871
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.2
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 39.320 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:139 Resp: 96197
Ion Ratio Lower Upper
139 100
109 65.6 45.1 85.1
65 87.3 69.7 109.7





#57

2,4-Dinitrotoluene

Concen: 38.463 ng

RT: 10.127 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

Tgt Ion:165 Resp: 152488

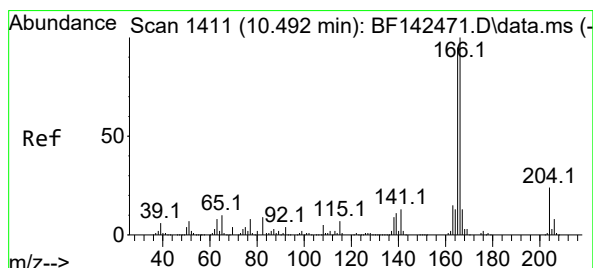
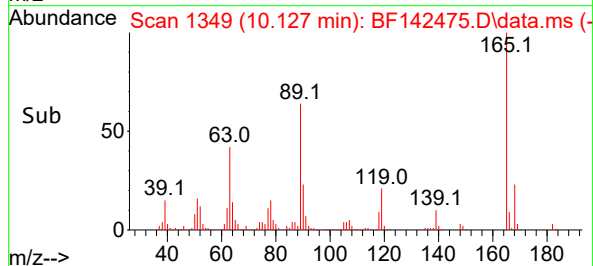
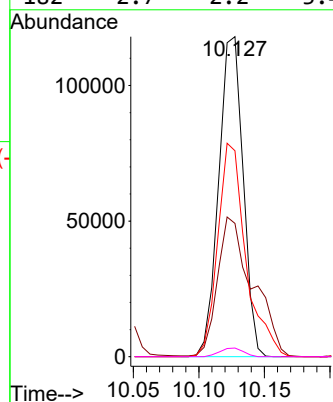
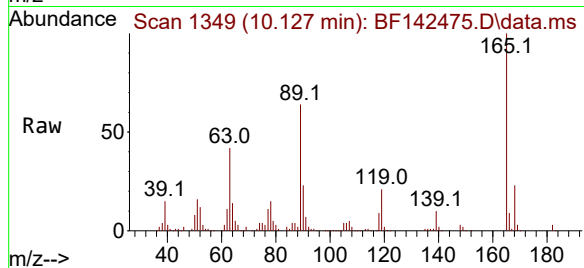
Ion Ratio Lower Upper

165 100

63 41.6 33.6 50.4

89 64.4 50.2 75.4

182 2.7 2.2 3.4



#58

Fluorene

Concen: 36.662 ng

RT: 10.492 min Scan# 1411

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

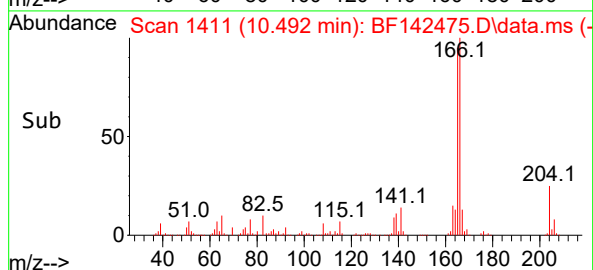
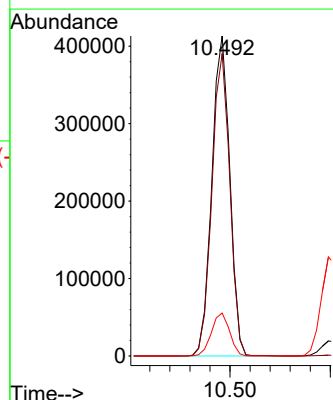
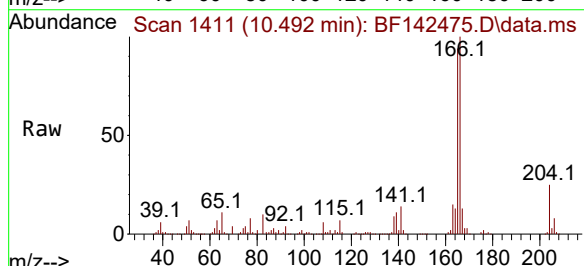
Tgt Ion:166 Resp: 513487

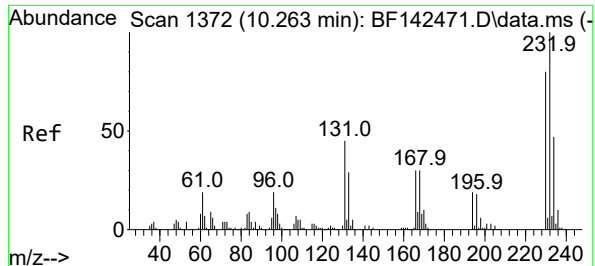
Ion Ratio Lower Upper

166 100

165 94.5 75.8 113.8

167 13.4 10.6 16.0

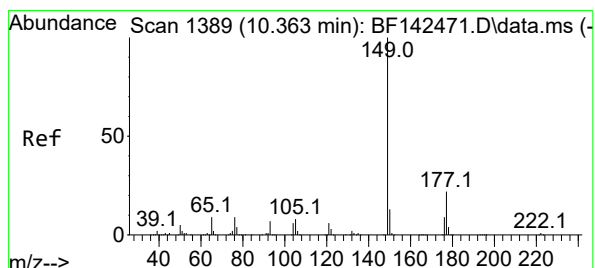
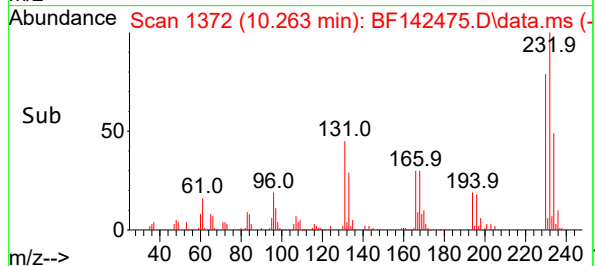
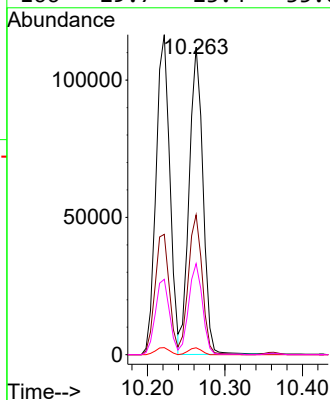
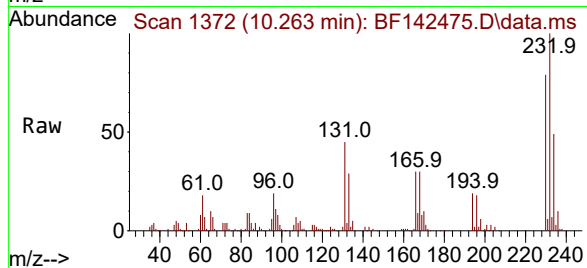




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.000 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

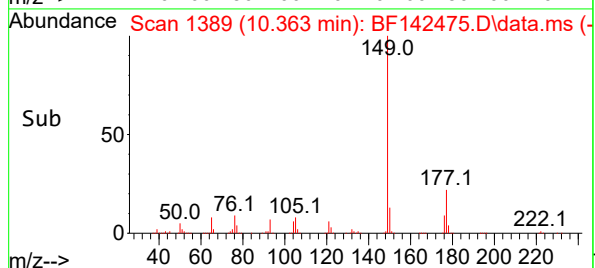
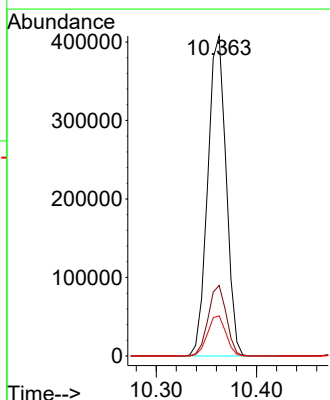
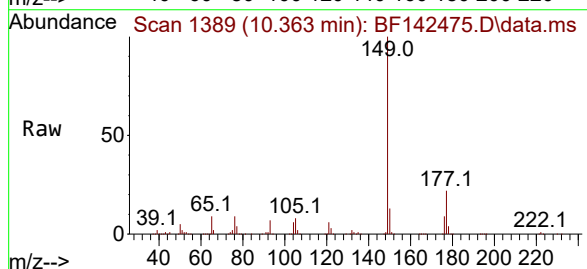
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

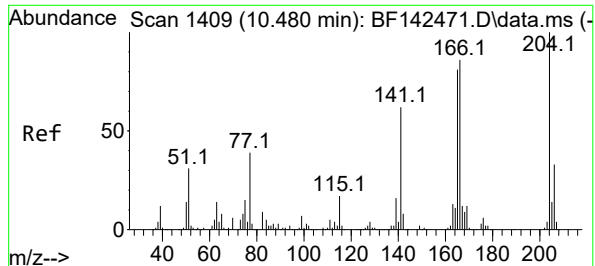
Tgt Ion:232 Resp: 138047
Ion Ratio Lower Upper
232 100
131 45.7 35.2 52.8
130 2.1 1.7 2.5
166 29.7 23.4 35.0



#60
Diethylphthalate
Concen: 37.844 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 519861
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.5 10.1 15.1

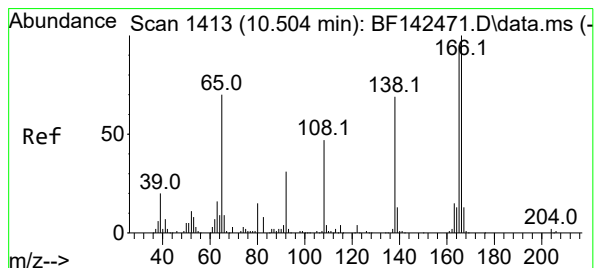
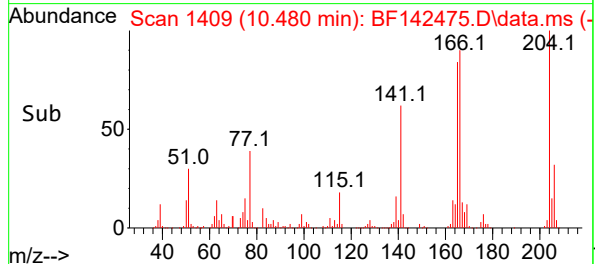
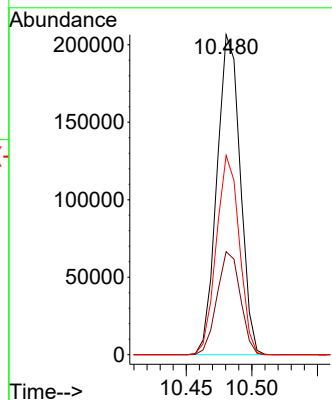
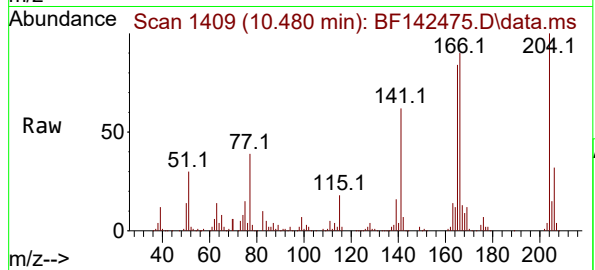




#61
4-Chlorophenyl-phenylether
Concen: 36.985 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

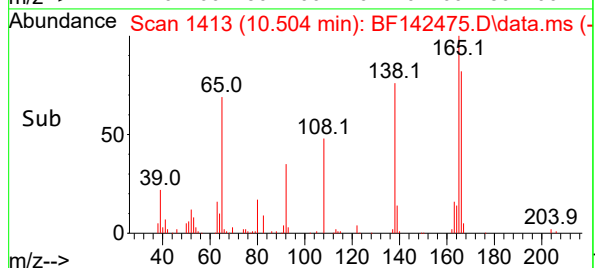
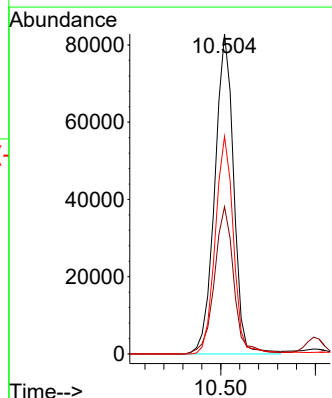
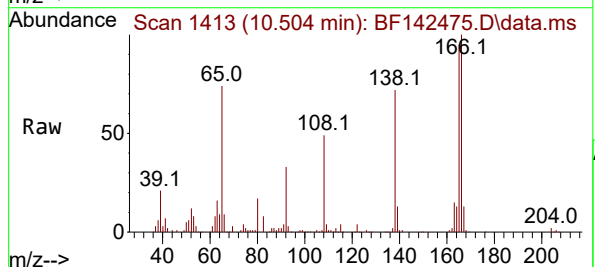
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

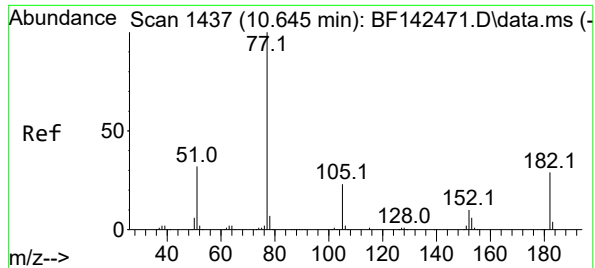
Tgt Ion:204 Resp: 254467
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 62.3 49.5 74.3



#62
4-Nitroaniline
Concen: 38.132 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:138 Resp: 114671
Ion Ratio Lower Upper
138 100
92 46.0 26.0 66.0
108 68.0 48.4 88.4

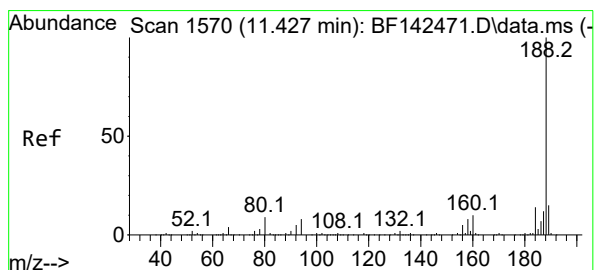
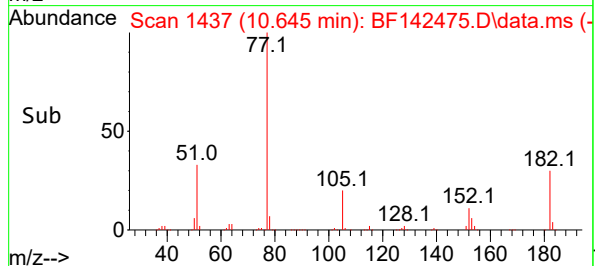
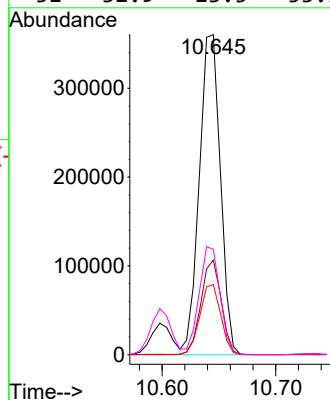
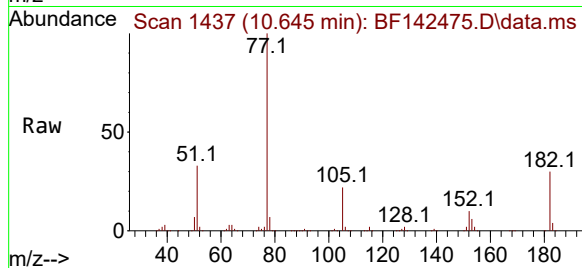




#63
Azobenzene
Concen: 37.780 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

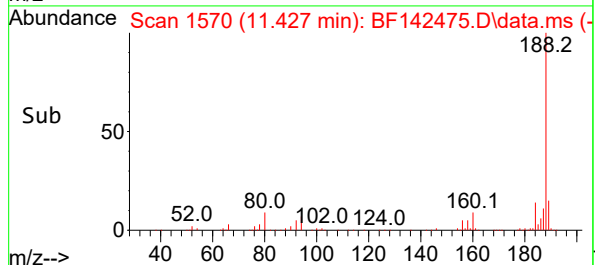
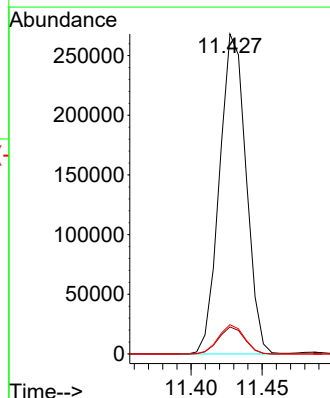
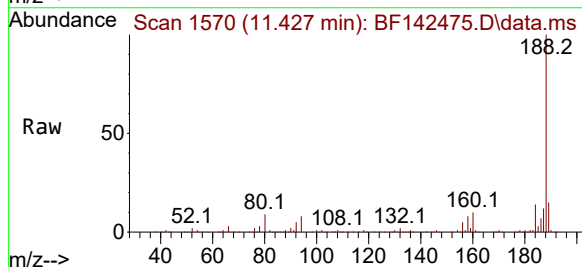
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

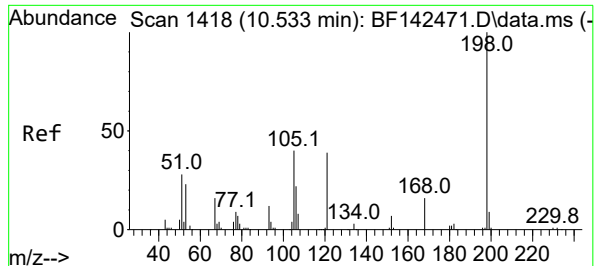
Tgt Ion: 77	Resp: 466131
Ion Ratio	Lower Upper
77	100
182	29.6 9.0 49.0
105	21.9 2.4 42.4
51	32.9 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 188	Resp: 348749
Ion Ratio	Lower Upper
188	100
94	8.5 6.6 10.0
80	9.2 7.4 11.0

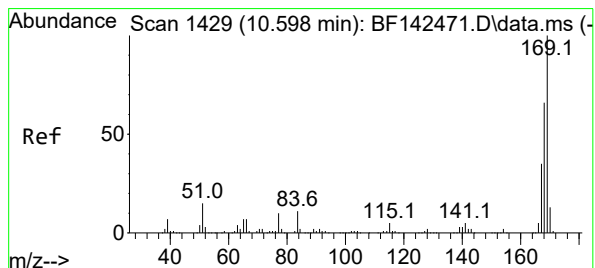
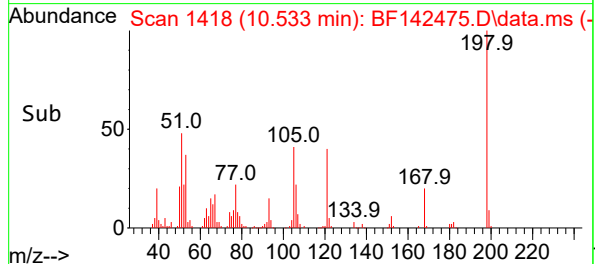
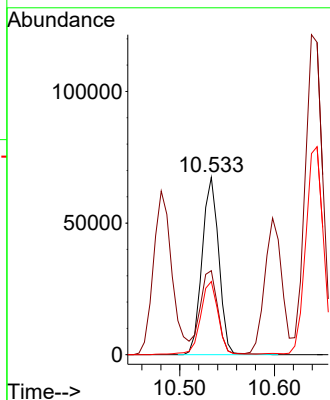
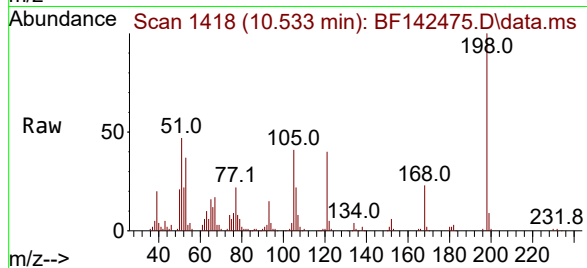




#65
4,6-Dinitro-2-methylphenol
Concen: 42.334 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

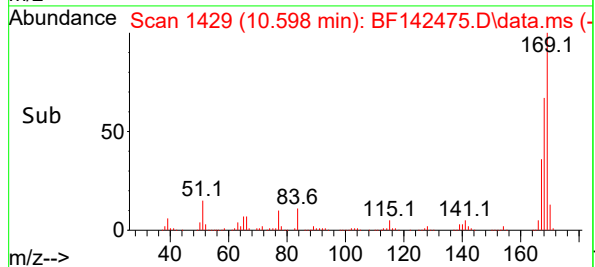
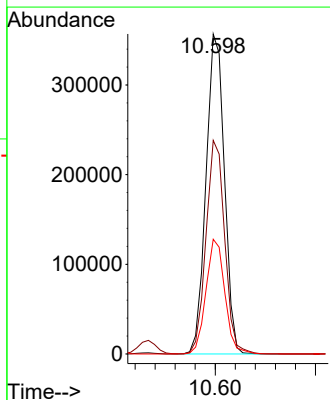
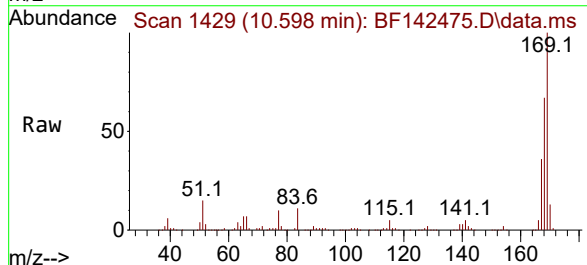
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

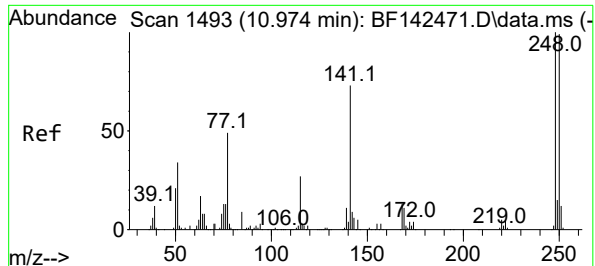
Tgt Ion:198 Resp: 82393
Ion Ratio Lower Upper
198 100
51 47.3 28.3 68.3
105 41.2 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 38.132 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:169 Resp: 454975
Ion Ratio Lower Upper
169 100
168 66.7 52.7 79.1
167 35.8 28.3 42.5

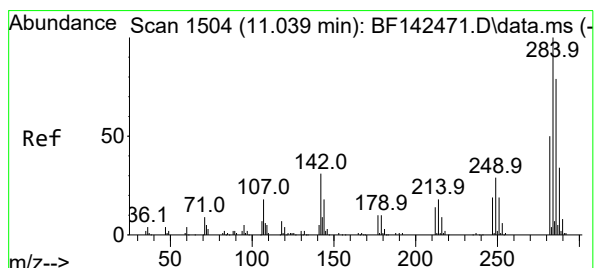
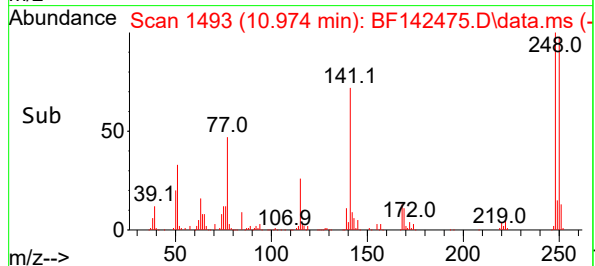
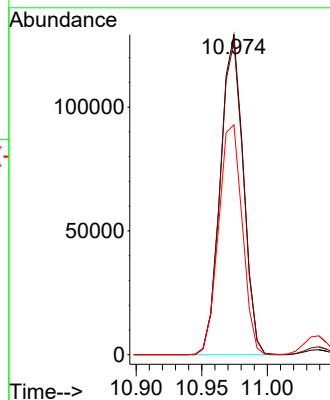
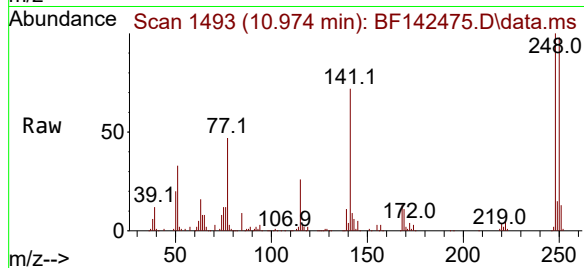




#67
4-Bromophenyl-phenylether
Concen: 38.189 ng
RT: 10.974 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

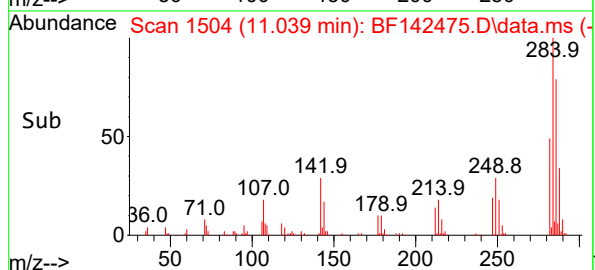
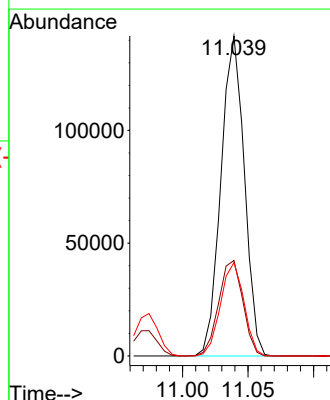
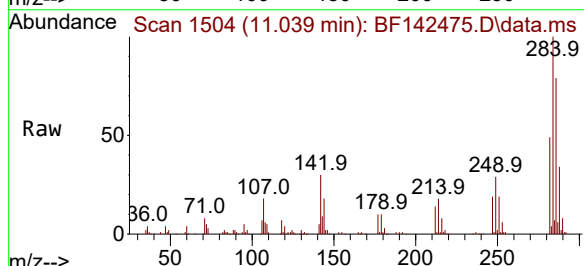
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

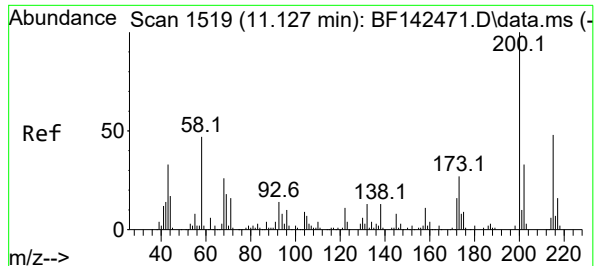
Tgt Ion:248 Resp: 157480
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.4
141 71.8 58.4 87.6



#68
Hexachlorobenzene
Concen: 38.554 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:284 Resp: 175840
Ion Ratio Lower Upper
284 100
142 29.9 24.8 37.2
249 29.2 23.6 35.4

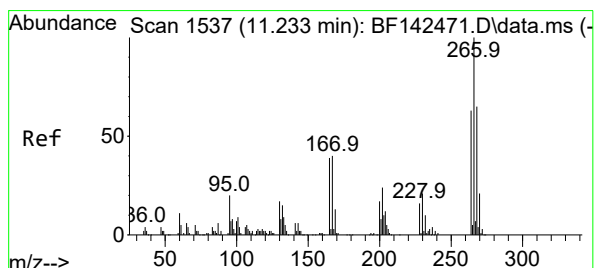
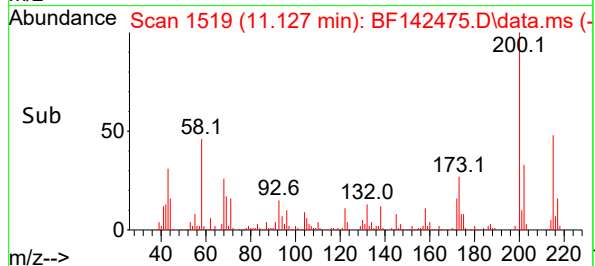
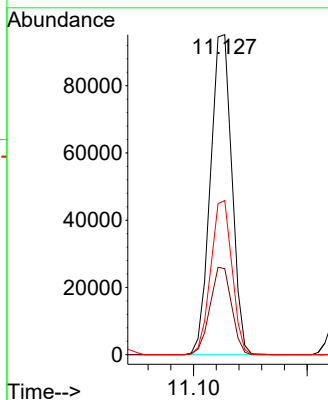
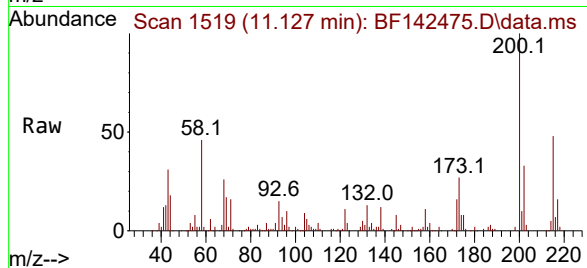




#69
Atrazine
Concen: 39.541 ng
RT: 11.127 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

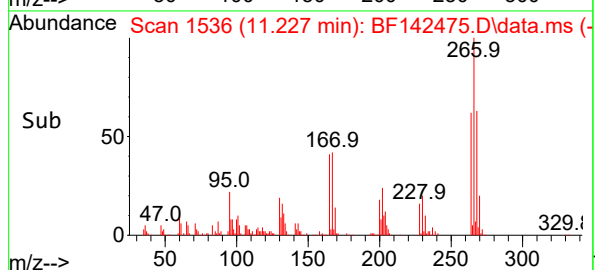
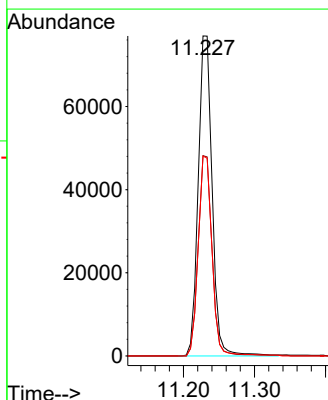
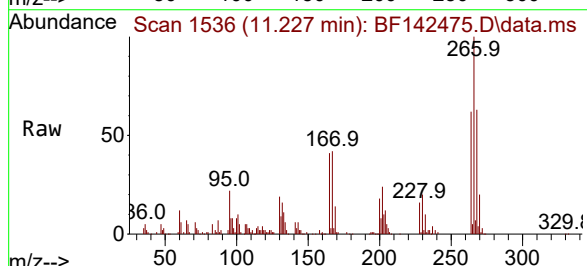
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

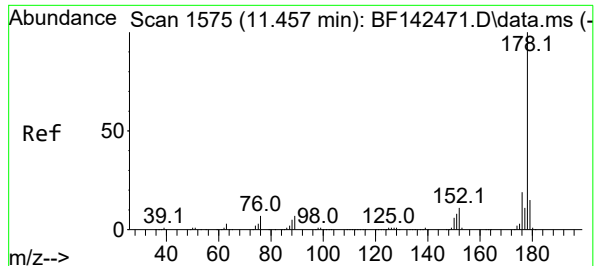
Tgt Ion:200 Resp: 125293
Ion Ratio Lower Upper
200 100
173 26.9 7.4 47.4
215 48.1 28.5 68.5



#70
Pentachlorophenol
Concen: 40.866 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:266 Resp: 105232
Ion Ratio Lower Upper
266 100
268 62.6 51.7 77.5
264 62.5 50.4 75.6

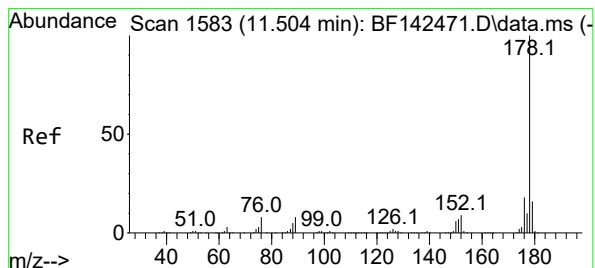
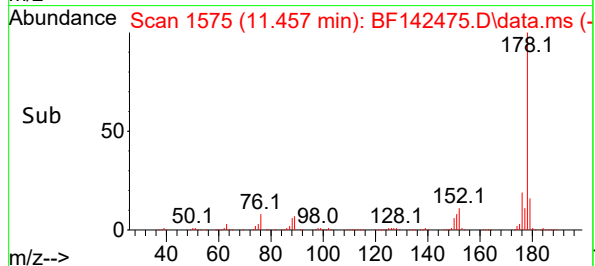
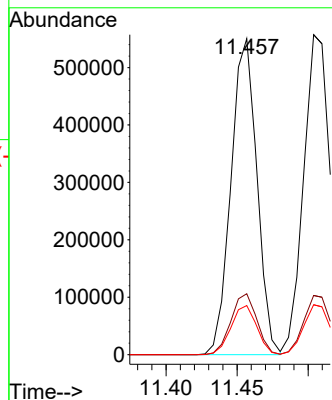
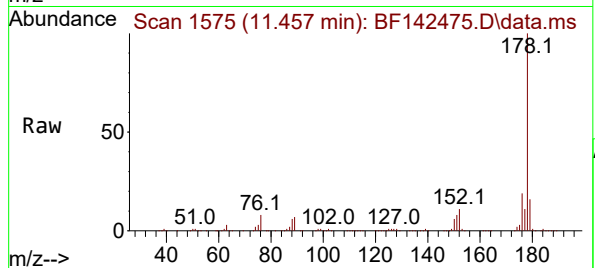




#71
Phenanthrene
Concen: 37.478 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

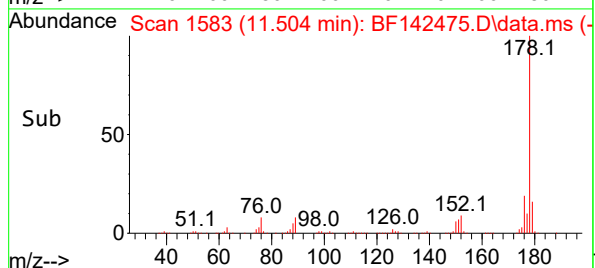
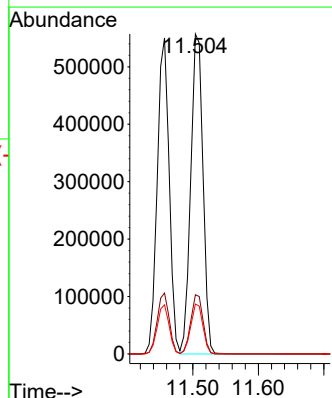
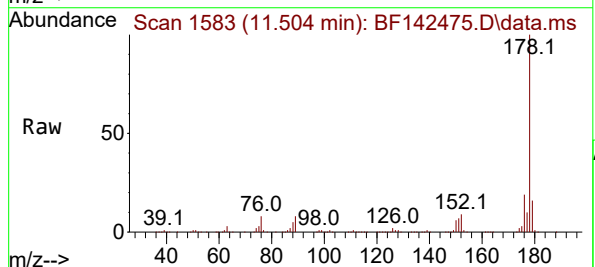
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

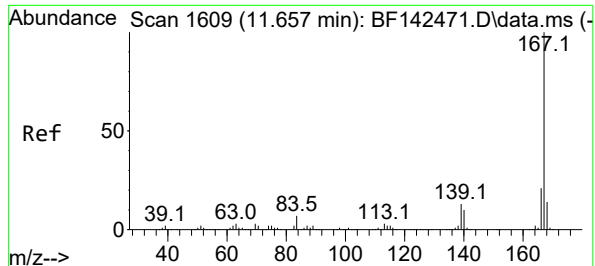
Tgt Ion:178 Resp: 698503
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 38.032 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

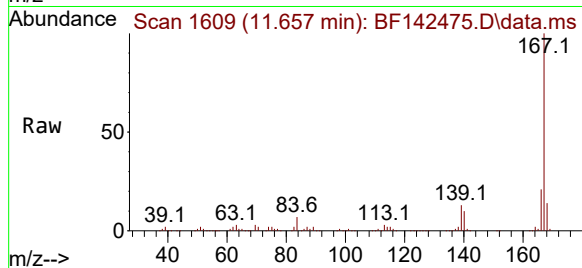
Tgt Ion:178 Resp: 723416
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.6 12.4 18.6



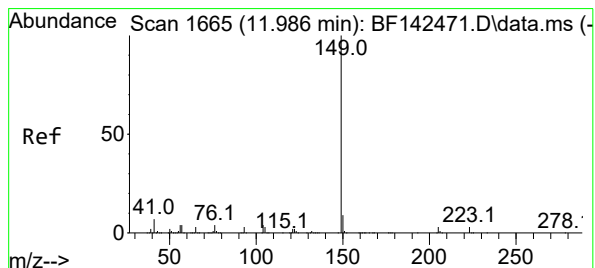
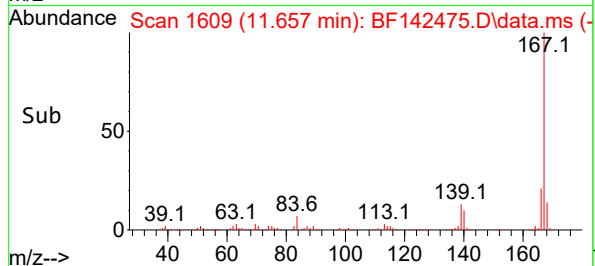
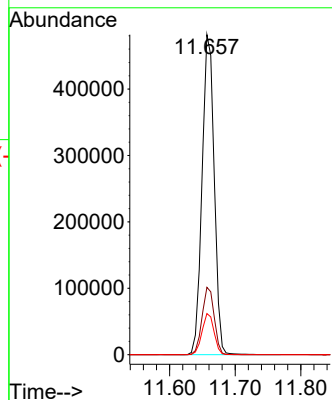


#73
Carbazole
Concen: 38.300 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

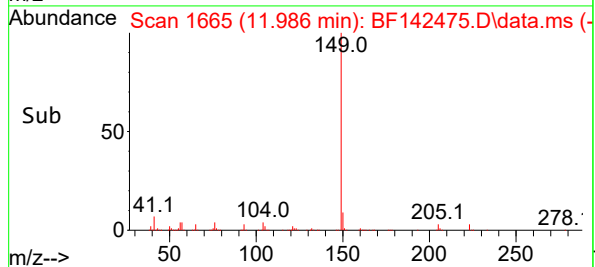
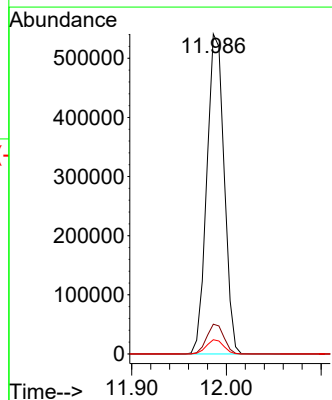
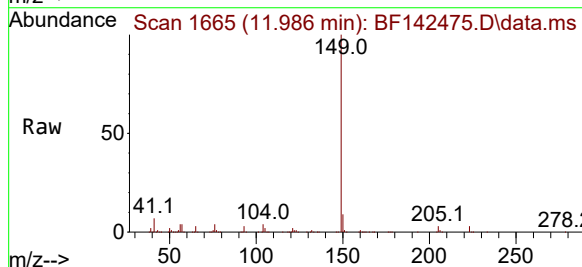


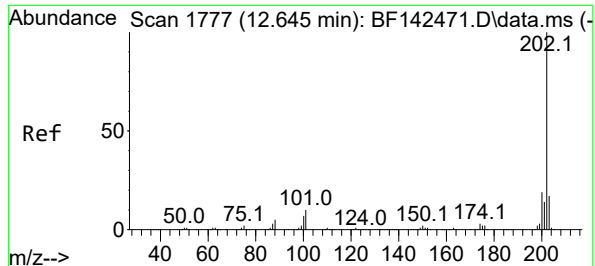
Tgt Ion:167 Resp: 622812
Ion Ratio Lower Upper
167 100
166 21.1 16.9 25.3
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 38.596 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 686988
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.4 3.6 5.4

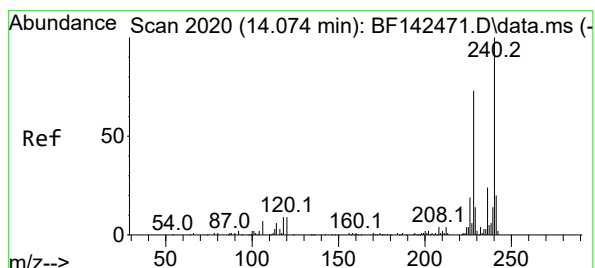
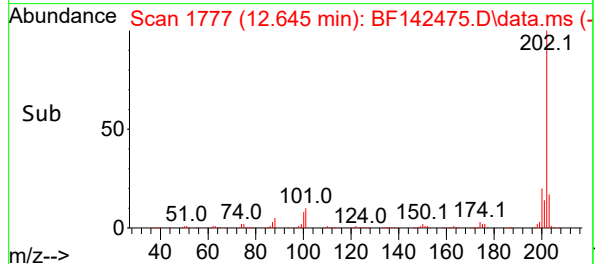
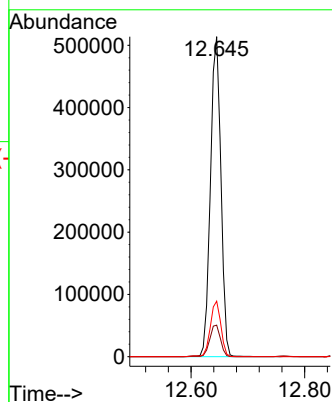
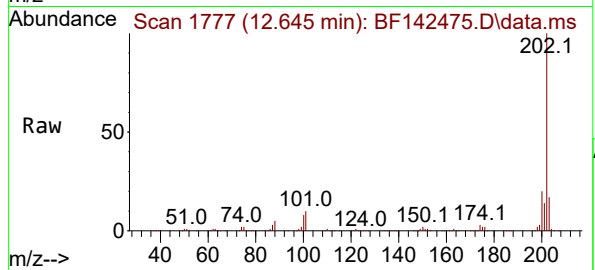




#75
Fluoranthene
Concen: 37.479 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

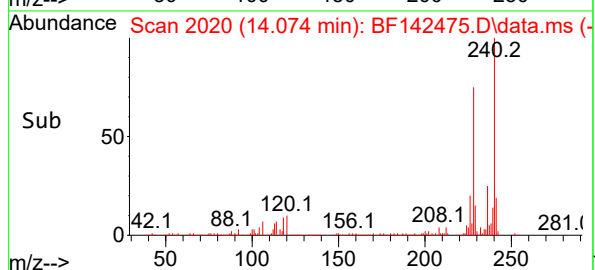
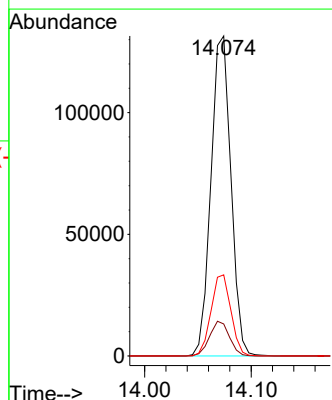
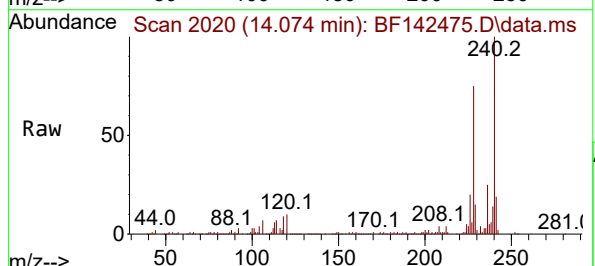
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

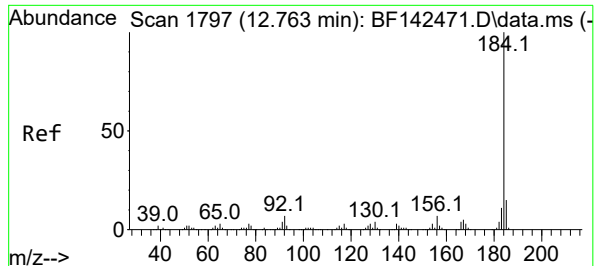
Tgt Ion:202 Resp: 652697
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.6
203 17.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:240 Resp: 171632
Ion Ratio Lower Upper
240 100
120 10.0 7.5 11.3
236 25.3 19.6 29.4

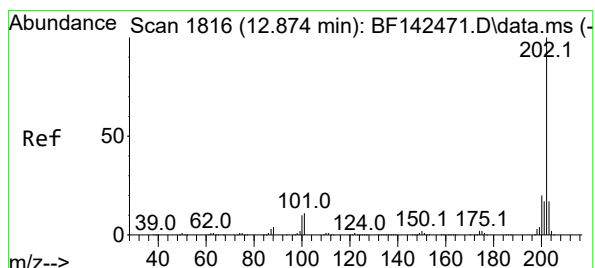
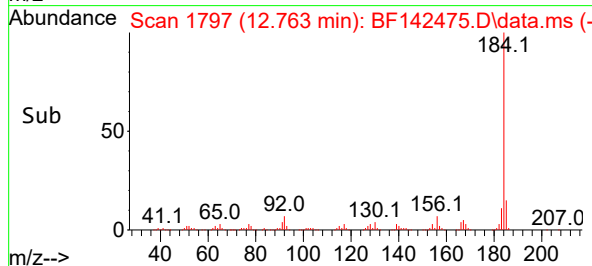
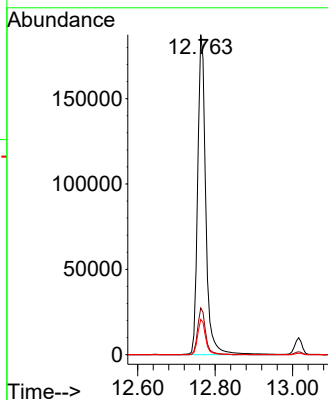
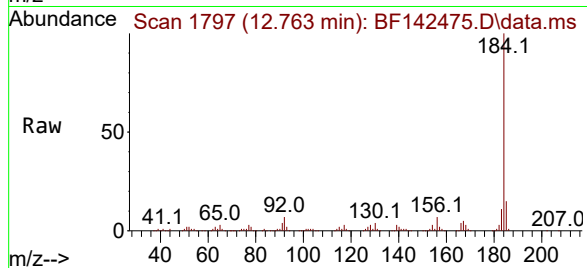




#77
Benzidine
Concen: 42.525 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

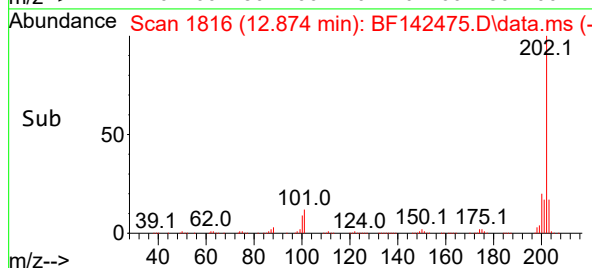
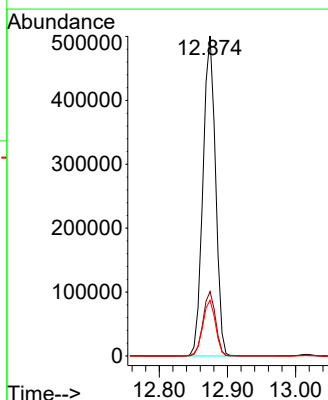
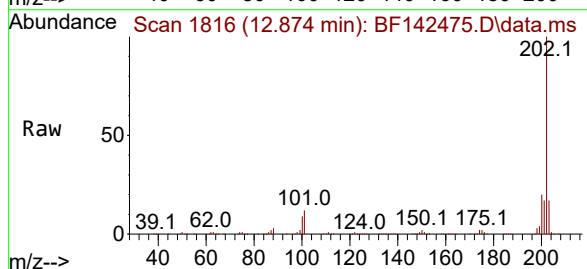
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

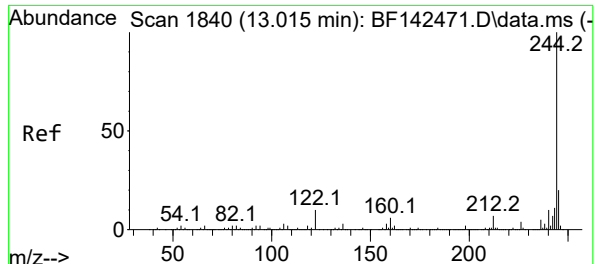
Tgt Ion:184 Resp: 271606
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 40.108 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:202 Resp: 642163
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 77.714 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

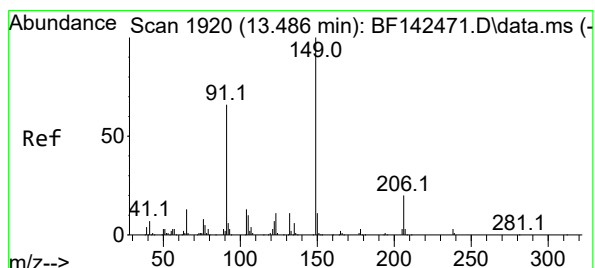
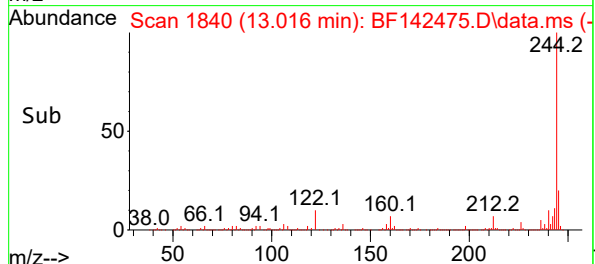
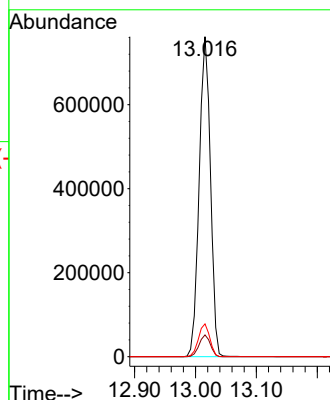
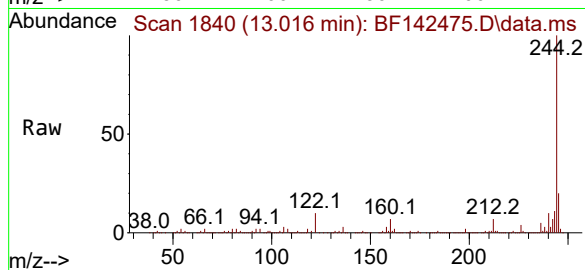
Tgt Ion:244 Resp: 976059

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 40.275 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

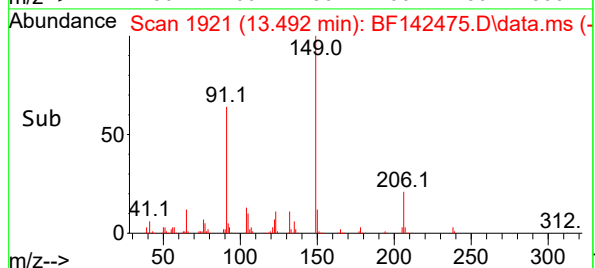
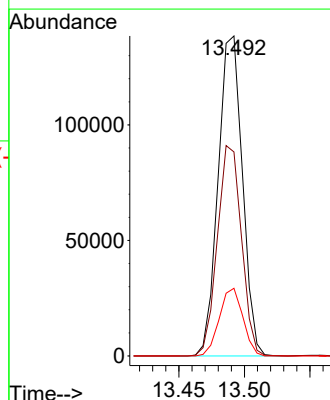
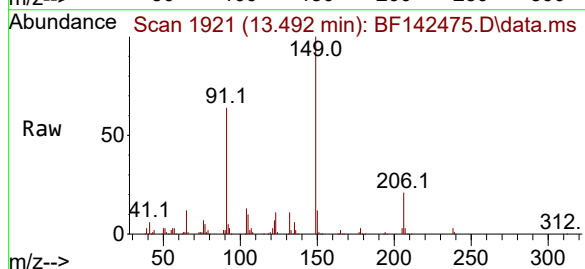
Tgt Ion:149 Resp: 178179

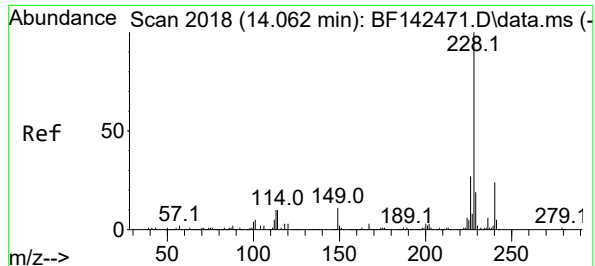
Ion Ratio Lower Upper

149 100

91 63.8 52.9 79.3

206 21.1 16.2 24.2

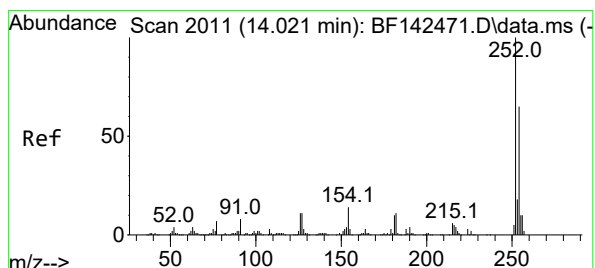
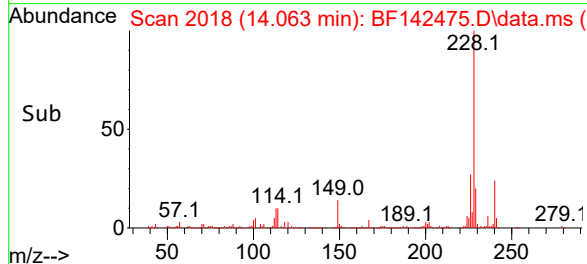
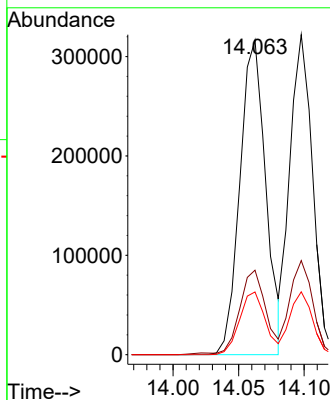
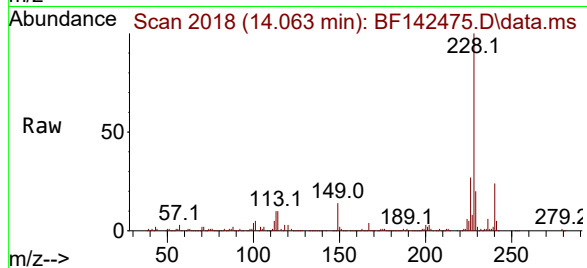




#81
Benzo(a)anthracene
Concen: 37.981 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

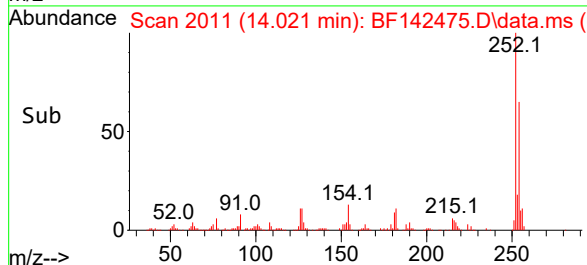
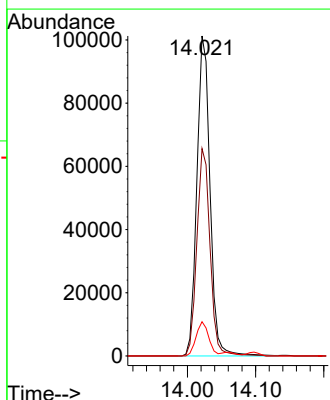
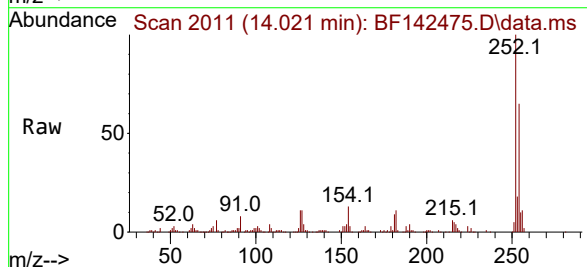
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

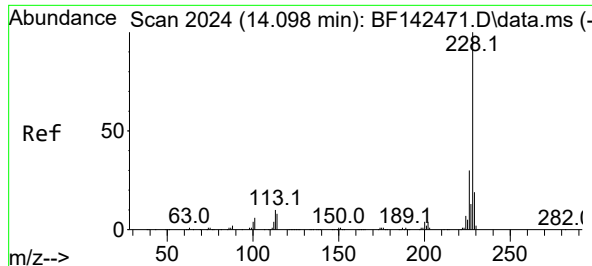
Tgt Ion:228 Resp: 435297
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 38.874 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:252 Resp: 135132
Ion Ratio Lower Upper
252 100
254 64.8 52.0 78.0
126 10.7 8.9 13.3





#83

Chrysene

Concen: 37.768 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

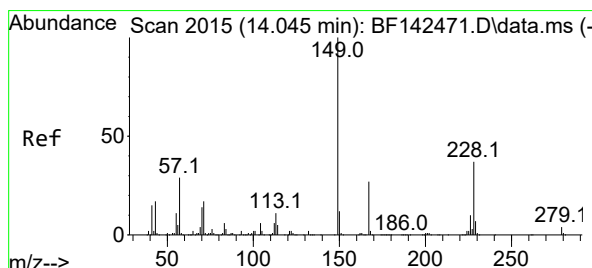
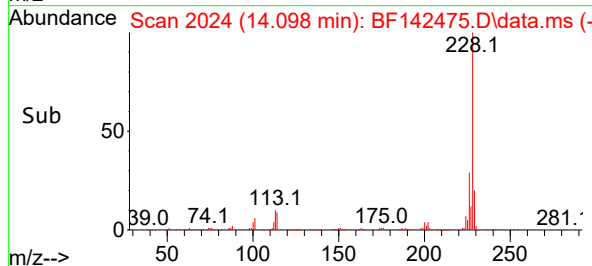
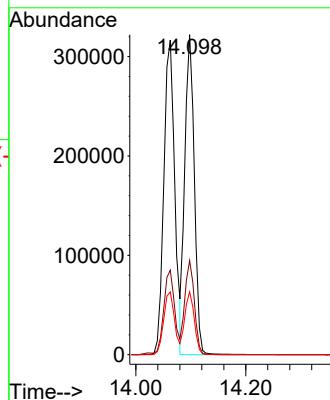
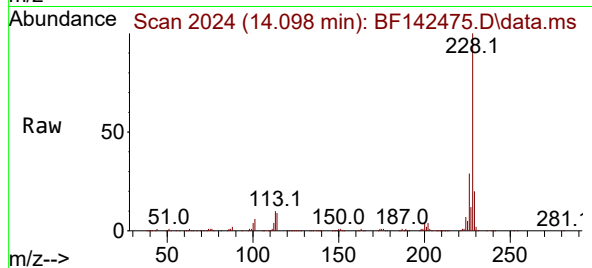
Tgt Ion:228 Resp: 388943

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.6

229 19.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.596 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

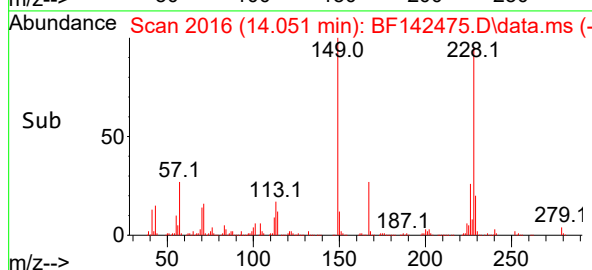
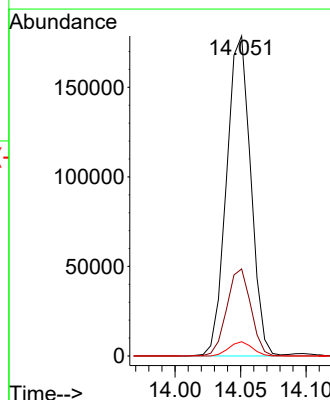
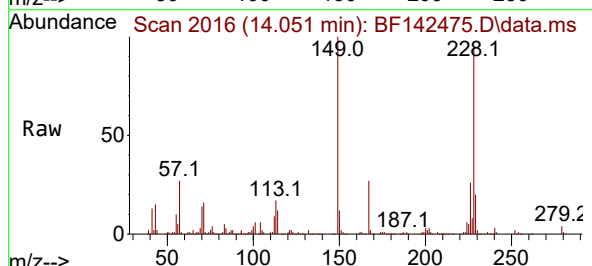
Tgt Ion:149 Resp: 229915

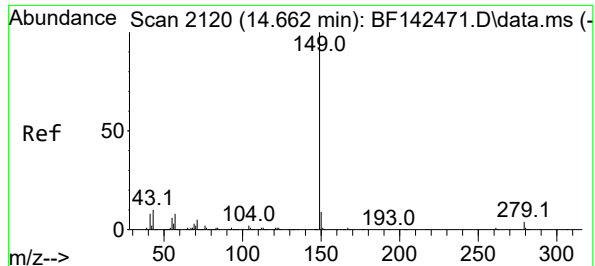
Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

279 4.4 3.2 4.8

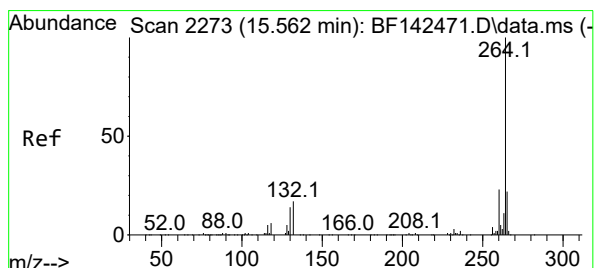
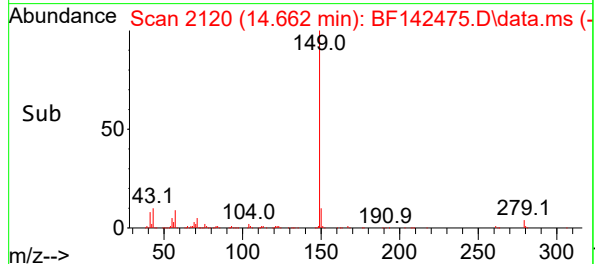
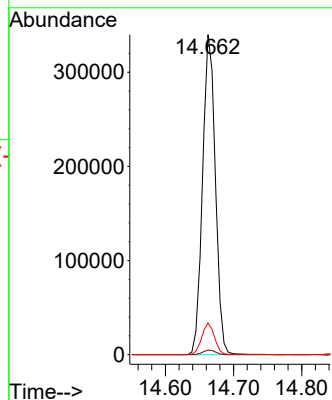
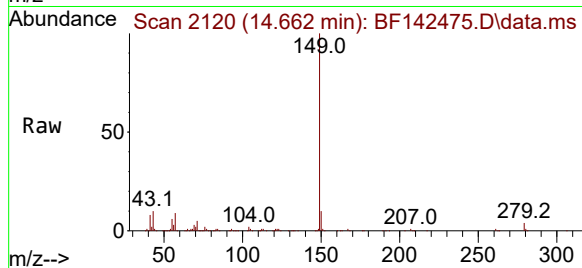




#85
Di-n-octyl phthalate
Concen: 40.048 ng
RT: 14.662 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

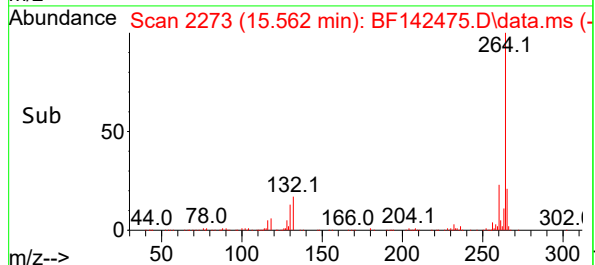
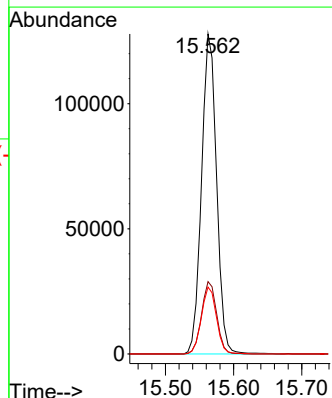
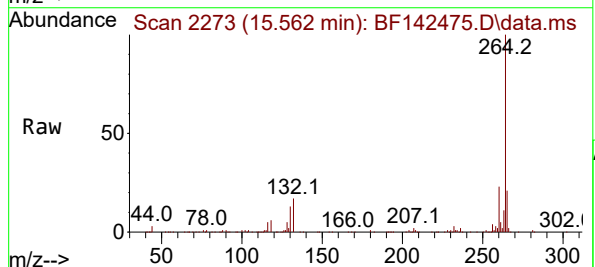
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

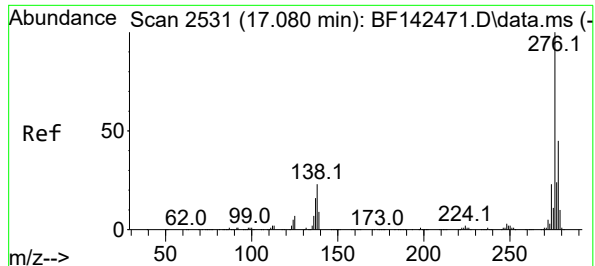
Tgt Ion:149 Resp: 443488
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.8 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:264 Resp: 195956
Ion Ratio Lower Upper
264 100
260 22.6 18.6 28.0
265 20.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.070 ng

RT: 17.080 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

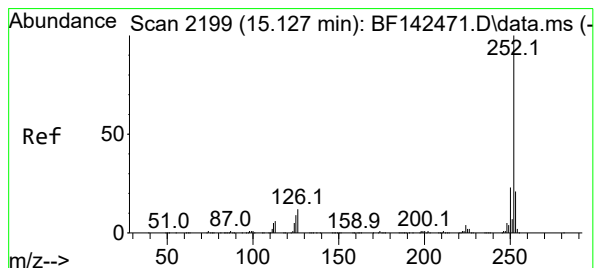
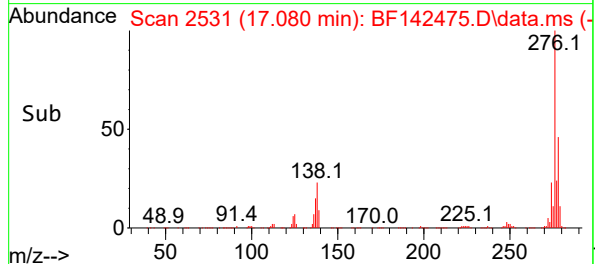
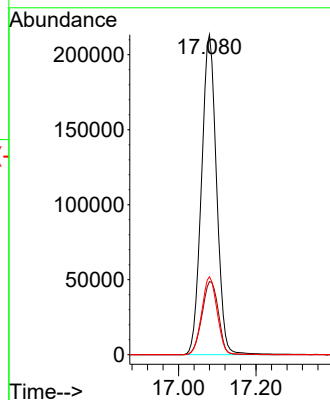
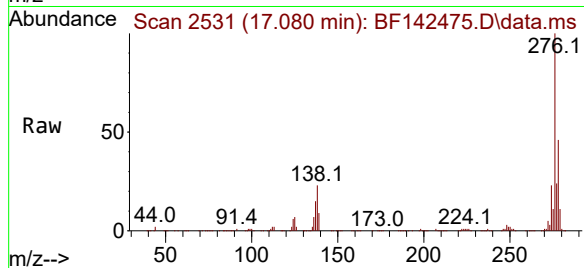
Tgt Ion:276 Resp: 574771

Ion Ratio Lower Upper

276 100

138 24.9 19.9 29.9

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 37.396 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

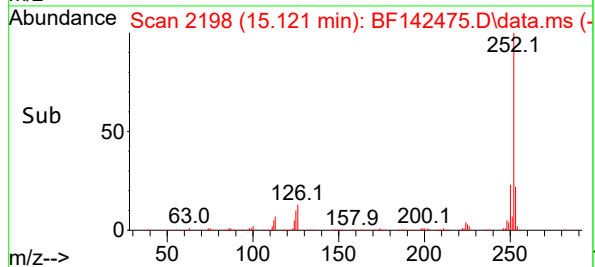
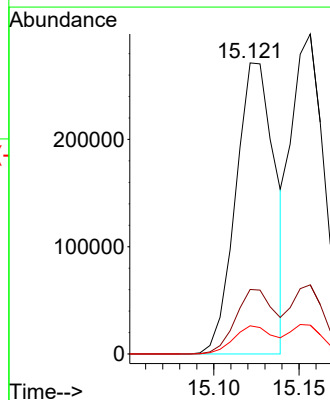
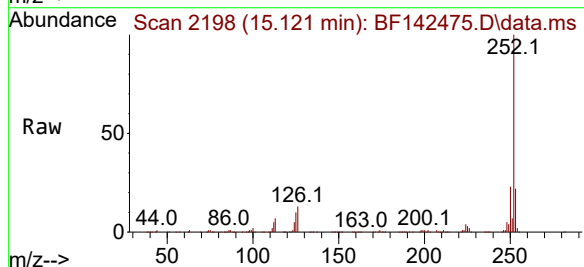
Tgt Ion:252 Resp: 433704

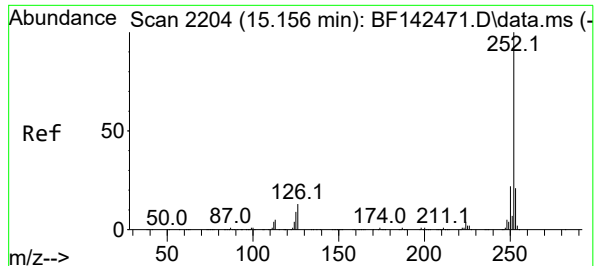
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 37.255 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

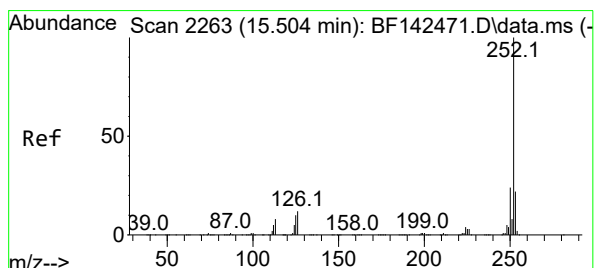
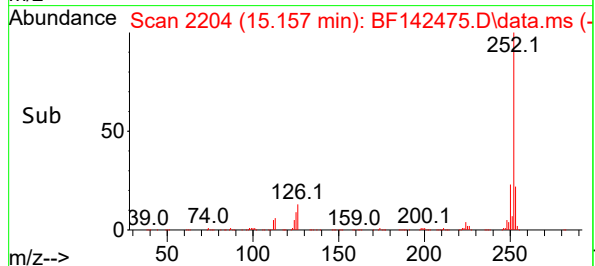
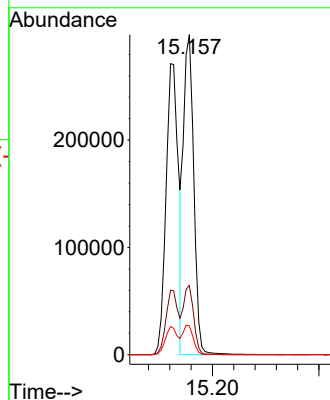
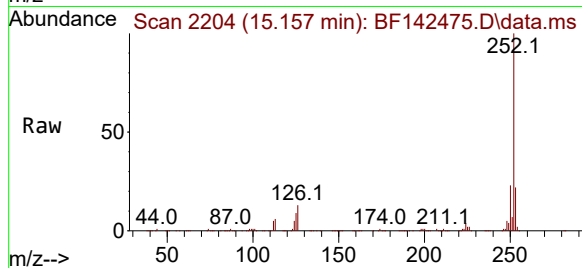
Tgt Ion:252 Resp: 404679

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 9.0 7.3 10.9



#90

Benzo(a)pyrene

Concen: 38.578 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

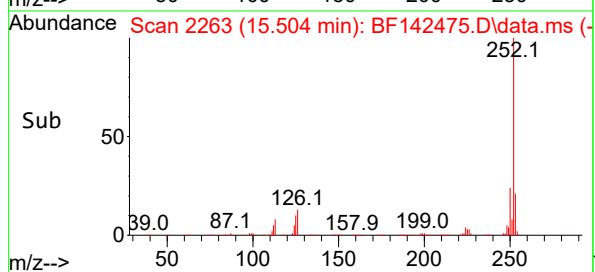
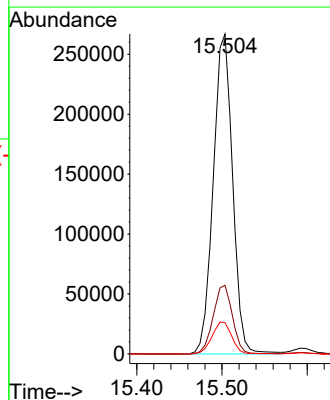
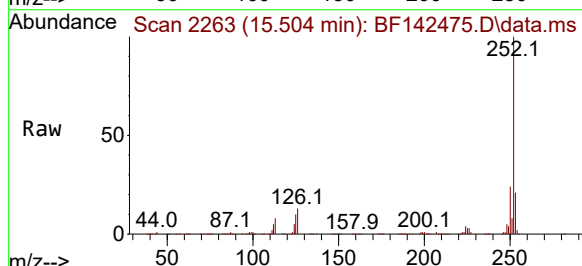
Tgt Ion:252 Resp: 421730

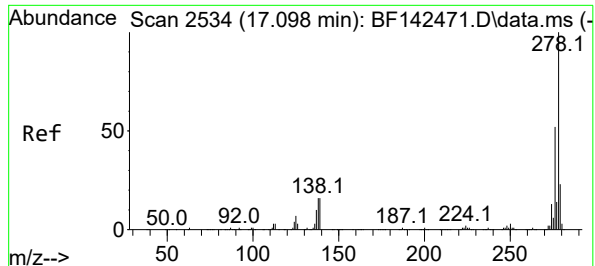
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.8 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 38.868 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

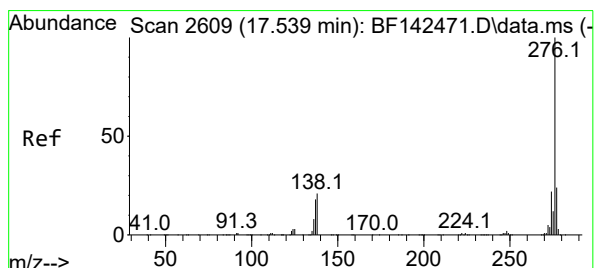
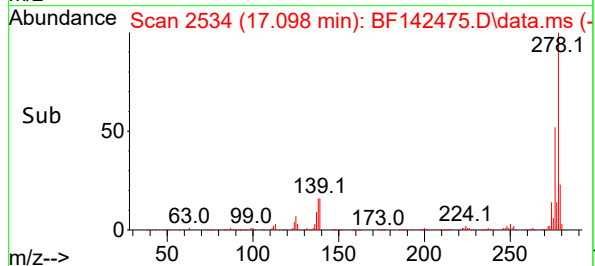
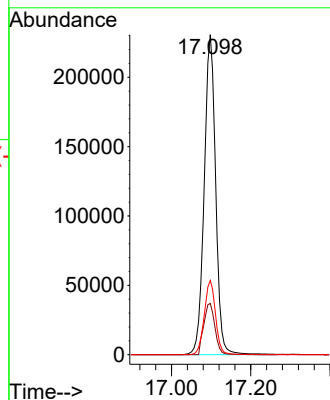
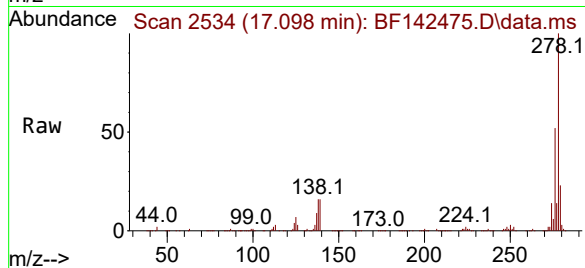
Tgt Ion:278 Resp: 463752

Ion Ratio Lower Upper

278 100

139 16.0 12.8 19.2

279 23.2 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 38.345 ng

RT: 17.539 min Scan# 2609

Delta R.T. -0.018 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

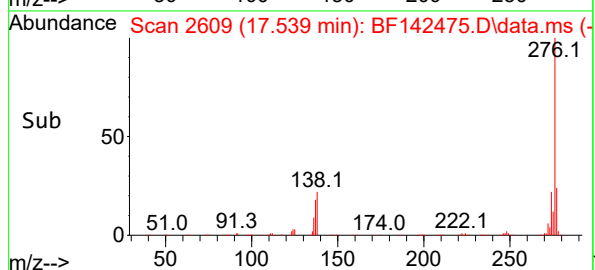
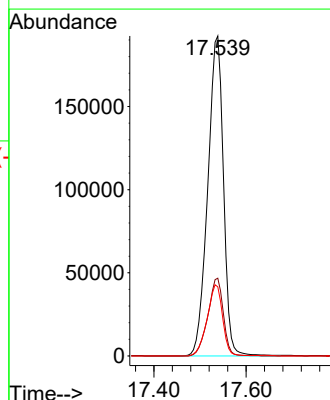
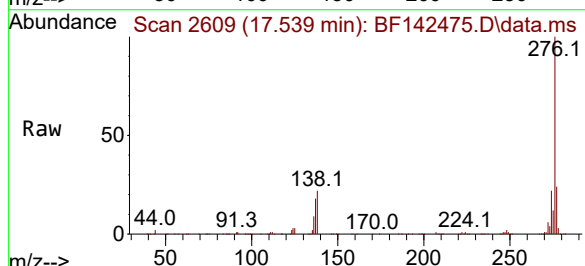
Tgt Ion:276 Resp: 457604

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 21.6 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	102	0.00
2	1,4-Dioxane	0.475	0.453	4.6	101	0.00
3	Pyridine	1.210	1.168	3.5	102	0.00
4	n-Nitrosodimethylamine	0.628	0.612	2.5	101	-0.02
5 S	2-Fluorophenol	1.187	1.115	6.1	101	0.00
6	Aniline	1.921	1.845	4.0	102	0.00
7 S	Phenol-d6	1.429	1.358	5.0	101	-0.01
8	2-Chlorophenol	1.293	1.225	5.3	100	0.00
9	Benzaldehyde	0.859	0.832	3.1	104	0.00
10 C	Phenol	1.608	1.542	4.1	103	-0.01
11	bis(2-Chloroethyl)ether	1.157	1.108	4.2	102	0.00
12	1,3-Dichlorobenzene	1.443	1.356	6.0	99	0.00
13 C	1,4-Dichlorobenzene	1.453	1.384	4.7	100	0.00
14	1,2-Dichlorobenzene	1.391	1.311	5.8	101	0.00
15	Benzyl Alcohol	1.056	1.021	3.3	102	0.00
16	2,2'-oxybis(1-Chloropropane	1.944	1.843	5.2	101	0.00
17	2-Methylphenol	1.010	0.972	3.8	101	0.00
18	Hexachloroethane	0.507	0.484	4.5	101	0.00
19 P	n-Nitroso-di-n-propylamine	0.886	0.838	5.4	101	-0.02
20	3+4-Methylphenols	1.293	1.229	4.9	101	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22	Acetophenone	0.443	0.422	4.7	100	0.00
23 S	Nitrobenzene-d5	0.367	0.354	3.5	102	-0.01
24	Nitrobenzene	0.331	0.320	3.3	101	0.00
25	Isophorone	0.613	0.581	5.2	100	-0.01
26 C	2-Nitrophenol	0.177	0.177	0.0	103	0.00
27	2,4-Dimethylphenol	0.312	0.304	2.6	102	0.00
28	bis(2-Chloroethoxy)methane	0.383	0.368	3.9	103	0.00
29 C	2,4-Dichlorophenol	0.283	0.271	4.2	100	0.00
30	1,2,4-Trichlorobenzene	0.308	0.294	4.5	102	0.00
31	Naphthalene	0.985	0.938	4.8	102	0.00
32	Benzoic acid	0.190	0.192	-1.1	104	-0.04
33	4-Chloroaniline	0.399	0.389	2.5	102	0.00
34 C	Hexachlorobutadiene	0.192	0.185	3.6	101	0.00
35	Caprolactam	0.080	0.078	2.5	101	-0.02
36 C	4-Chloro-3-methylphenol	0.291	0.281	3.4	102	-0.01
37	2-Methylnaphthalene	0.620	0.590	4.8	102	0.00
38	1-Methylnaphthalene	0.641	0.612	4.5	102	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	0.574	0.538	6.3	101	0.00
41 P	Hexachlorocyclopentadiene	0.387	0.387	0.0	102	0.00
42 S	2,4,6-Tribromophenol	0.222	0.210	5.4	103	0.00
43 C	2,4,6-Trichlorophenol	0.387	0.367	5.2	102	0.00
44	2,4,5-Trichlorophenol	0.408	0.385	5.6	101	0.00
45 S	2-Fluorobiphenyl	1.490	1.352	9.3	101	0.00
46	1,1'-Biphenyl	1.552	1.454	6.3	102	0.00
47	2-Chloronaphthalene	1.146	1.082	5.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	0.331	0.322	2.7	103	0.00
49	Acenaphthylene	1.936	1.821	5.9	102	0.00
50	Dimethylphthalate	1.320	1.227	7.0	101	0.00
51	2,6-Dinitrotoluene	0.285	0.272	4.6	100	0.00
52 C	Acenaphthene	1.182	1.119	5.3	103	0.00
53	3-Nitroaniline	0.311	0.297	4.5	103	0.00
54 P	2,4-Dinitrophenol	0.147	0.153	-4.1	106	-0.01
55	Dibenzofuran	1.701	1.581	7.1	102	0.00
56 P	4-Nitrophenol	0.230	0.226	1.7	103	0.00
57	2,4-Dinitrotoluene	0.372	0.358	3.8	102	0.00
58	Fluorene	1.314	1.204	8.4	101	0.00
59	2,3,4,6-Tetrachlorophenol	0.341	0.324	5.0	101	0.00
60	Diethylphthalate	1.289	1.219	5.4	102	0.00
61	4-Chlorophenyl-phenylether	0.646	0.597	7.6	101	0.00
62	4-Nitroaniline	0.282	0.269	4.6	100	-0.01
63	Azobenzene	1.158	1.093	5.6	102	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	102	0.00
65	4,6-Dinitro-2-methylphenol	0.112	0.118	-5.4	104	0.00
66 c	n-Nitrosodiphenylamine	0.684	0.652	4.7	102	0.00
67	4-Bromophenyl-phenylether	0.236	0.226	4.2	103	0.00
68	Hexachlorobenzene	0.262	0.252	3.8	102	0.00
69	Atrazine	0.182	0.180	1.1	103	0.00
70 C	Pentachlorophenol	0.148	0.151	-2.0	104	0.00
71	Phenanthrene	1.069	1.001	6.4	101	0.00
72	Anthracene	1.091	1.037	4.9	102	0.00
73	Carbazole	0.933	0.893	4.3	102	0.00
74	Di-n-butylphthalate	1.021	0.985	3.5	103	0.00
75 C	Fluoranthene	0.999	0.936	6.3	101	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77	Benzidine	0.744	0.791	-6.3	101	0.00
78	Pyrene	1.866	1.871	-0.3	102	0.00
79 S	Terphenyl-d14	1.464	1.422	2.9	101	0.00
80	Butylbenzylphthalate	0.516	0.519	-0.6	100	0.00
81	Benzo(a)anthracene	1.336	1.268	5.1	101	0.00
82	3,3'-Dichlorobenzidine	0.405	0.394	2.7	98	0.00
83	Chrysene	1.200	1.133	5.6	100	0.00
84	Bis(2-ethylhexyl)phthalate	0.660	0.670	-1.5	101	0.00
85 c	Di-n-octyl phthalate	1.290	1.292	-0.2	104	0.00
86 I	Perylene-d12	1.000	1.000	0.0	104	0.00
87	Indeno(1,2,3-cd)pyrene	1.501	1.467	2.3	105	-0.01
88	Benzo(b)fluoranthene	1.184	1.107	6.5	102	0.00
89	Benzo(k)fluoranthene	1.109	1.033	6.9	103	0.00
90 C	Benzo(a)pyrene	1.116	1.076	3.6	103	0.00
91	Dibenzo(a,h)anthracene	1.218	1.183	2.9	103	-0.02
92	Benzo(g,h,i)perylene	1.218	1.168	4.1	102	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
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Instrument :
 BNA_F
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 ICVBF052025

Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	102	0.00
2	1,4-Dioxane	40.000	38.184	4.5	101	0.00
3	Pyridine	40.000	38.607	3.5	102	0.00
4	n-Nitrosodimethylamine	40.000	38.995	2.5	101	-0.02
5 S	2-Fluorophenol	80.000	75.157	6.1	101	0.00
6	Aniline	40.000	38.415	4.0	102	0.00
7 S	Phenol-d6	80.000	76.025	5.0	101	-0.01
8	2-Chlorophenol	40.000	37.902	5.2	100	0.00
9	Benzaldehyde	40.000	38.726	3.2	104	0.00
10 C	Phenol	40.000	38.362	4.1	103	-0.01
11	bis(2-Chloroethyl)ether	40.000	38.280	4.3	102	0.00
12	1,3-Dichlorobenzene	40.000	37.579	6.1	99	0.00
13 C	1,4-Dichlorobenzene	40.000	38.078	4.8	100	0.00
14	1,2-Dichlorobenzene	40.000	37.716	5.7	101	0.00
15	Benzyl Alcohol	40.000	38.663	3.3	102	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.927	5.2	101	0.00
17	2-Methylphenol	40.000	38.500	3.8	101	0.00
18	Hexachloroethane	40.000	38.137	4.7	101	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.833	5.4	101	-0.02
20	3+4-Methylphenols	40.000	38.020	4.9	101	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22	Acetophenone	40.000	38.118	4.7	100	0.00
23 S	Nitrobenzene-d5	80.000	77.283	3.4	102	-0.01
24	Nitrobenzene	40.000	38.737	3.2	101	0.00
25	Isophorone	40.000	37.906	5.2	100	-0.01
26 C	2-Nitrophenol	40.000	39.958	0.1	103	0.00
27	2,4-Dimethylphenol	40.000	38.953	2.6	102	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.407	4.0	103	0.00
29 C	2,4-Dichlorophenol	40.000	38.285	4.3	100	0.00
30	1,2,4-Trichlorobenzene	40.000	38.187	4.5	102	0.00
31	Naphthalene	40.000	38.112	4.7	102	0.00
32	Benzoic acid	40.000	40.490	-1.2	104	-0.04
33	4-Chloroaniline	40.000	38.962	2.6	102	0.00
34 C	Hexachlorobutadiene	40.000	38.512	3.7	101	0.00
35	Caprolactam	40.000	39.162	2.1	101	-0.02
36 C	4-Chloro-3-methylphenol	40.000	38.654	3.4	102	-0.01
37	2-Methylnaphthalene	40.000	38.062	4.8	102	0.00
38	1-Methylnaphthalene	40.000	38.229	4.4	102	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.508	6.2	101	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.991	0.0	102	0.00
42 S	2,4,6-Tribromophenol	80.000	75.790	5.3	103	0.00
43 C	2,4,6-Trichlorophenol	40.000	37.954	5.1	102	0.00
44	2,4,5-Trichlorophenol	40.000	37.766	5.6	101	0.00
45 S	2-Fluorobiphenyl	80.000	72.557	9.3	101	0.00
46	1,1'-Biphenyl	40.000	37.487	6.3	102	0.00
47	2-Chloronaphthalene	40.000	37.763	5.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	38.867	2.8	103	0.00
49	Acenaphthylene	40.000	37.630	5.9	102	0.00
50	Dimethylphthalate	40.000	37.184	7.0	101	0.00
51	2,6-Dinitrotoluene	40.000	38.191	4.5	100	0.00
52 C	Acenaphthene	40.000	37.877	5.3	103	0.00
53	3-Nitroaniline	40.000	38.246	4.4	103	0.00
54 P	2,4-Dinitrophenol	40.000	41.481	-3.7	106	-0.01
55	Dibenzofuran	40.000	37.170	7.1	102	0.00
56 P	4-Nitrophenol	40.000	39.320	1.7	103	0.00
57	2,4-Dinitrotoluene	40.000	38.463	3.8	102	0.00
58	Fluorene	40.000	36.662	8.3	101	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	38.000	5.0	101	0.00
60	Diethylphthalate	40.000	37.844	5.4	102	0.00
61	4-Chlorophenyl-phenylether	40.000	36.985	7.5	101	0.00
62	4-Nitroaniline	40.000	38.132	4.7	100	-0.01
63	Azobenzene	40.000	37.780	5.5	102	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	102	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.334	-5.8	104	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.132	4.7	102	0.00
67	4-Bromophenyl-phenylether	40.000	38.189	4.5	103	0.00
68	Hexachlorobenzene	40.000	38.554	3.6	102	0.00
69	Atrazine	40.000	39.541	1.1	103	0.00
70 C	Pentachlorophenol	40.000	40.866	-2.2	104	0.00
71	Phenanthrene	40.000	37.478	6.3	101	0.00
72	Anthracene	40.000	38.032	4.9	102	0.00
73	Carbazole	40.000	38.300	4.3	102	0.00
74	Di-n-butylphthalate	40.000	38.596	3.5	103	0.00
75 C	Fluoranthene	40.000	37.479	6.3	101	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77	Benzydine	40.000	42.525	-6.3	101	0.00
78	Pyrene	40.000	40.108	-0.3	102	0.00
79 S	Terphenyl-d14	80.000	77.714	2.9	101	0.00
80	Butylbenzylphthalate	40.000	40.275	-0.7	100	0.00
81	Benzo(a)anthracene	40.000	37.981	5.0	101	0.00
82	3,3'-Dichlorobenzidine	40.000	38.874	2.8	98	0.00
83	Chrysene	40.000	37.768	5.6	100	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.596	-1.5	101	0.00
85 c	Di-n-octyl phthalate	40.000	40.048	-0.1	104	0.00
86 I	Perylene-d12	20.000	20.000	0.0	104	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.070	2.3	105	-0.01
88	Benzo(b)fluoranthene	40.000	37.396	6.5	102	0.00
89	Benzo(k)fluoranthene	40.000	37.255	6.9	103	0.00
90 C	Benzo(a)pyrene	40.000	38.578	3.6	103	0.00
91	Dibenzo(a,h)anthracene	40.000	38.868	2.8	103	-0.02
92	Benzo(g,h,i)perylene	40.000	38.345	4.1	102	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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: GENV01

Lab Code: CHEM Case No.: Q2134 SAS No.: Q2134 SDG No.: Q2134

Instrument ID: BNA_F Calibration Date/Time: 06/02/2025 11:30

Lab File ID: BF142590.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.187	1.153		-2.9	
Benzaldehyde	0.859	0.802		-6.6	
Phenol-d6	1.429	1.385		-3.1	
bis(2-Chloroethyl)ether	1.157	1.124		-2.9	
2,2-oxybis(1-Chloropropane)	1.944	1.872		-3.7	
Acetophenone	0.443	0.417		-5.9	
n-Nitroso-di-n-propylamine	0.886	0.829	0.050	-6.4	
Nitrobenzene-d5	0.367	0.347		-5.4	
Hexachloroethane	0.507	0.483		-4.7	
Nitrobenzene	0.331	0.314		-5.1	
Isophorone	0.613	0.575		-6.2	
bis(2-Chloroethoxy)methane	0.383	0.365		-4.7	
Naphthalene	0.985	0.939		-4.7	
4-Chloroaniline	0.399	0.389		-2.5	
Hexachlorobutadiene	0.192	0.175		-8.9	20.0
Caprolactam	0.080	0.084		5.0	
2-Methylnaphthalene	0.620	0.581		-6.3	
Hexachlorocyclopentadiene	0.387	0.340	0.050	-12.1	
2-Fluorobiphenyl	1.490	1.341		-10.0	
1,1-Biphenyl	1.552	1.455		-6.3	
2-Chloronaphthalene	1.146	1.080		-5.8	
2-Nitroaniline	0.331	0.325		-1.8	
Dimethylphthalate	1.320	1.263		-4.3	
Acenaphthylene	1.936	1.830		-5.5	
2,6-Dinitrotoluene	0.285	0.279		-2.1	
3-Nitroaniline	0.311	0.315		1.3	
Acenaphthene	1.182	1.118		-5.4	20.0
Dibenzofuran	1.701	1.606		-5.6	
2,4-Dinitrotoluene	0.372	0.374		0.5	
Diethylphthalate	1.289	1.226		-4.9	
4-Chlorophenyl-phenylether	0.646	0.612		-5.3	
Fluorene	1.314	1.257		-4.3	
4-Nitroaniline	0.282	0.295		4.6	
n-Nitrosodiphenylamine	0.684	0.641		-6.3	20.0
2,4,6-Tribromophenol	0.222	0.212		-4.5	
4-Bromophenyl-phenylether	0.236	0.220		-6.8	
Hexachlorobenzene	0.262	0.246		-6.1	
Atrazine	0.182	0.184		1.1	
Phenanthrene	1.069	1.016		-5.0	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2134 SAS No.: Q2134 SDG No.: Q2134

Instrument ID: BNA_F Calibration Date/Time: 06/02/2025 11:30

Lab File ID: BF142590.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.091	1.045		-4.2	
Carbazole	0.933	0.918		-1.6	
Di-n-butylphthalate	1.021	1.018		-0.3	
Fluoranthene	0.999	0.991		-0.8	20.0
Pyrene	1.866	1.760		-5.7	
Terphenyl-d14	1.464	1.327		-9.4	
Butylbenzylphthalate	0.516	0.546		5.8	
3,3-Dichlorobenzidine	0.405	0.425		4.9	
Benzo(a)anthracene	1.336	1.272		-4.8	
Chrysene	1.200	1.136		-5.3	
Bis(2-ethylhexyl)phthalate	0.660	0.694		5.2	
Di-n-octyl phthalate	1.290	1.195		-7.4	20.0
Benzo(b)fluoranthene	1.184	1.126		-4.9	
Benzo(k)fluoranthene	1.109	1.039		-6.3	
Benzo(a)pyrene	1.116	1.071		-4.0	20.0
Indeno(1,2,3-cd)pyrene	1.501	1.368		-8.9	
Dibenzo(a,h)anthracene	1.218	1.126		-7.6	
Benzo(g,h,i)perylene	1.218	1.105		-9.3	
1,2,4,5-Tetrachlorobenzene	0.574	0.542		-5.6	
1,4-Dioxane	0.475	0.464		-2.3	20.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142590.D
 Acq On : 02 Jun 2025 11:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 02 11:53:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	112830	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	441878	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	241388	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	415282	20.000	ng	0.00
76) Chrysene-d12	14.074	240	230387	20.000	ng	0.00
86) Perylene-d12	15.568	264	238851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	520453	77.713	ng	0.00
7) Phenol-d6	6.522	99	624999	77.527	ng	-0.01
23) Nitrobenzene-d5	7.463	82	614193	75.793	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	204924	76.490	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1294863	71.981	ng	-0.01
79) Terphenyl-d14	13.016	244	1222487	72.512	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	104787	39.101	ng	99
3) Pyridine	3.434	79	273075	40.014	ng	98
4) n-Nitrosodimethylamine	3.381	42	134236	37.883	ng	92
6) Aniline	6.563	93	426917	39.384	ng	99
8) 2-Chlorophenol	6.681	128	284430	38.992	ng	99
9) Benzaldehyde	6.451	77	181042	37.337	ng	99
10) Phenol	6.540	94	351528	38.752	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	253577	38.834	ng	100
12) 1,3-Dichlorobenzene	6.839	146	312463	38.387	ng	99
13) 1,4-Dichlorobenzene	6.916	146	318681	38.867	ng	99
14) 1,2-Dichlorobenzene	7.069	146	302583	38.567	ng	99
15) Benzyl Alcohol	7.039	79	229225	38.476	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	422408	38.521	ng	99
17) 2-Methylphenol	7.151	107	222036	38.986	ng	99
18) Hexachloroethane	7.410	117	108916	38.042	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	187037	37.435	ng	99
20) 3+4-Methylphenols	7.304	107	280371	38.443	ng	98
22) Acetophenone	7.310	105	368253	37.647	ng	98
24) Nitrobenzene	7.481	77	277591	37.981	ng	99
25) Isophorone	7.722	82	508065	37.499	ng	98
26) 2-Nitrophenol	7.798	139	155595	39.842	ng	96
27) 2,4-Dimethylphenol	7.834	122	264387	38.389	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	322678	38.126	ng	99
29) 2,4-Dichlorophenol	8.039	162	243024	38.802	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	261489	38.470	ng	98
31) Naphthalene	8.204	128	830285	38.160	ng	100
32) Benzoic acid	7.939	122	160260	38.227	ng	98
33) 4-Chloroaniline	8.251	127	343825	38.998	ng	99
34) Hexachlorobutadiene	8.322	225	154741	36.459	ng	98
35) Caprolactam	8.622	113	73834	41.974	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	243211	37.891	ng	98
37) 2-Methylnaphthalene	8.898	142	513490	37.513	ng	99
38) 1-Methylnaphthalene	8.998	142	530617	37.476	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	261475	37.735	ng	100
41) Hexachlorocyclopentadiene	9.051	237	164068	35.099	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	176717	37.821	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142590.D
 Acq On : 02 Jun 2025 11:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 02 11:53:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

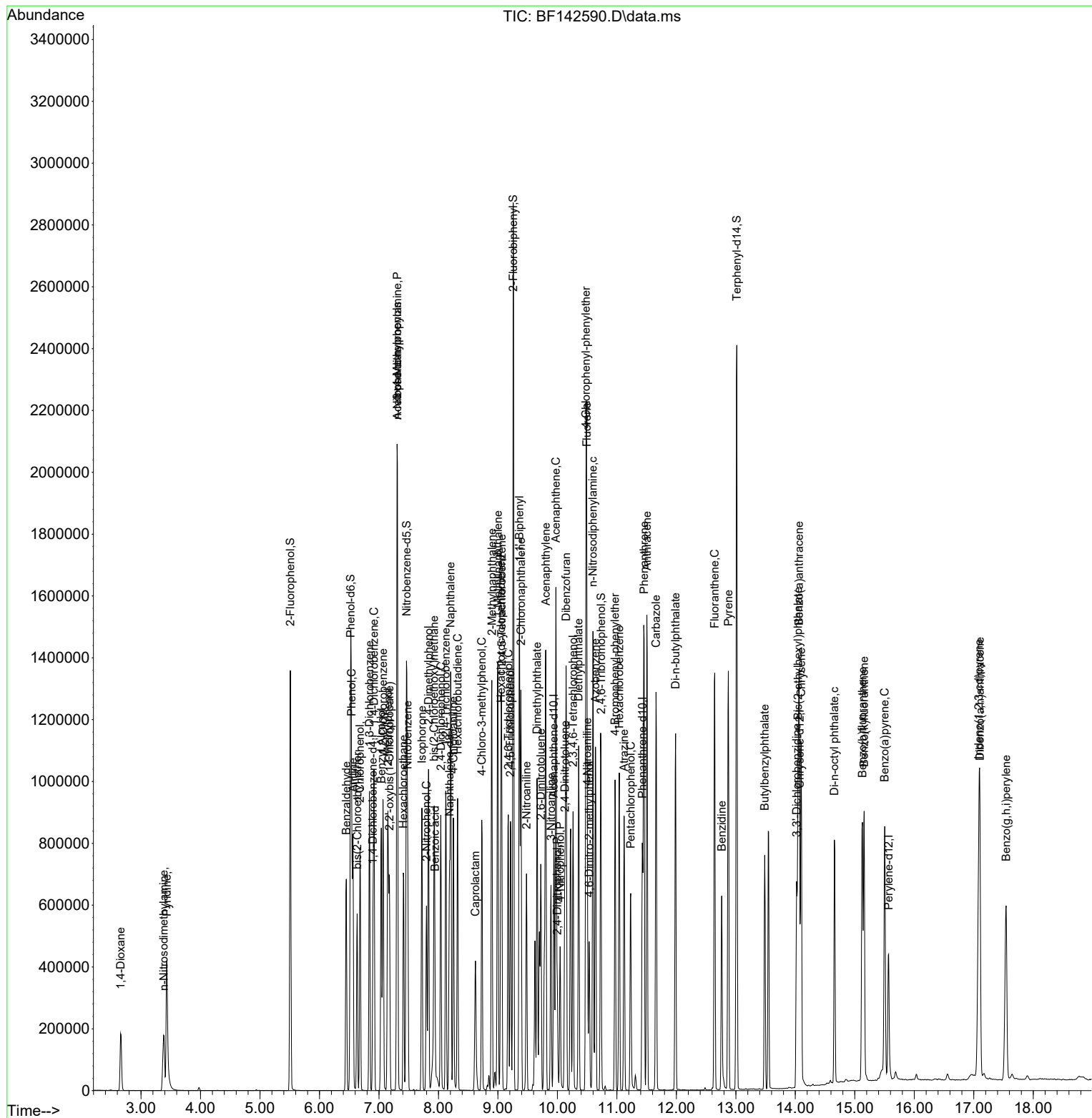
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	191168	38.794	ng	99
46) 1,1'-Biphenyl	9.363	154	702351	37.504	ng	100
47) 2-Chloronaphthalene	9.386	162	521535	37.693	ng	99
48) 2-Nitroaniline	9.480	65	156771	39.199	ng	98
49) Acenaphthylene	9.804	152	883436	37.812	ng	100
50) Dimethylphthalate	9.657	163	609673	38.278	ng	100
51) 2,6-Dinitrotoluene	9.722	165	134489	39.122	ng	97
52) Acenaphthene	9.975	154	539520	37.817	ng	99
53) 3-Nitroaniline	9.892	138	151962	40.472	ng	99
54) 2,4-Dinitrophenol	9.998	184	68903	38.796	ng	94
55) Dibenzofuran	10.145	168	775550	37.777	ng	98
56) 4-Nitrophenol	10.045	139	109452	39.507	ng	97
57) 2,4-Dinitrotoluene	10.128	165	180640	40.236	ng	99
58) Fluorene	10.492	166	606801	38.259	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	161231	39.192	ng	99
60) Diethylphthalate	10.357	149	591746	38.041	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	295424	37.917	ng	97
62) 4-Nitroaniline	10.504	138	142644	41.888	ng	96
63) Azobenzene	10.639	77	534537	38.258	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	94020	40.568	ng	99
66) n-Nitrosodiphenylamine	10.598	169	532389	37.472	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	182475	37.161	ng	100
68) Hexachlorobenzene	11.039	284	204259	37.610	ng	99
69) Atrazine	11.122	200	152871	40.515	ng	99
70) Pentachlorophenol	11.233	266	115580	37.694	ng	99
71) Phenanthrene	11.457	178	843782	38.019	ng	100
72) Anthracene	11.504	178	868050	38.324	ng	100
73) Carbazole	11.657	167	762565	39.382	ng	100
74) Di-n-butylphthalate	11.986	149	845566	39.894	ng	100
75) Fluoranthene	12.645	202	822707	39.672	ng	99
77) Benzidine	12.763	184	372760	43.479	ng	99
78) Pyrene	12.874	202	811108	37.740	ng	100
80) Butylbenzylphthalate	13.486	149	251441	42.340	ng	98
81) Benzo(a)anthracene	14.063	228	586045	38.094	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	195614	41.922	ng	98
83) Chrysene	14.098	228	523222	37.850	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	319802	42.067	ng	99
85) Di-n-octyl phthalate	14.657	149	550609	37.041	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	653334	36.435	ng	99
88) Benzo(b)fluoranthene	15.127	252	537758	38.041	ng	99
89) Benzo(k)fluoranthene	15.157	252	496143	37.472	ng	98
90) Benzo(a)pyrene	15.504	252	511548	38.390	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	537907	36.987	ng	100
92) Benzo(g,h,i)perylene	17.545	276	528096	36.304	ng	98

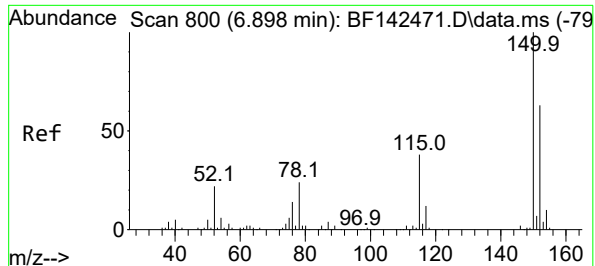
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142590.D
Acq On : 02 Jun 2025 11:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 02 11:53:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

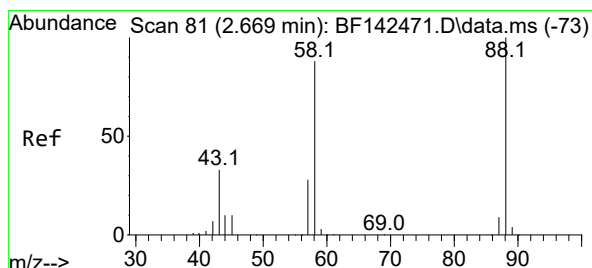
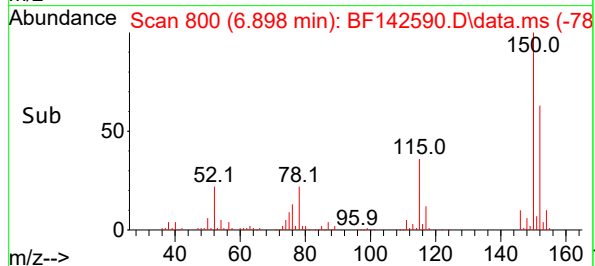
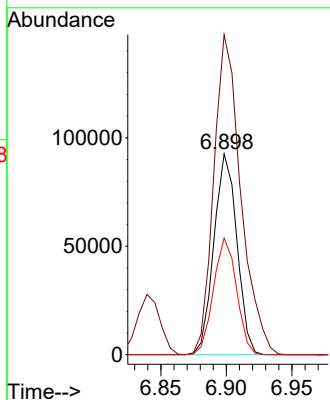
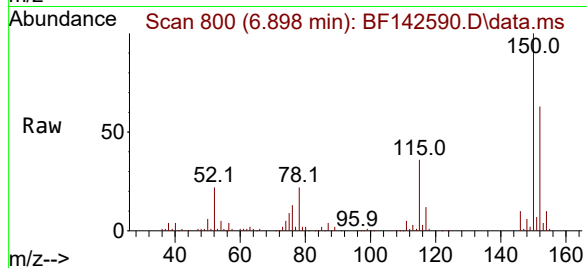




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142590.D
 Acq: 02 Jun 2025 11:30

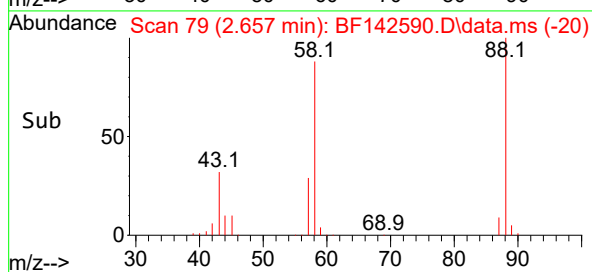
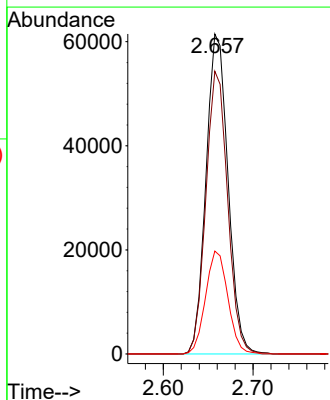
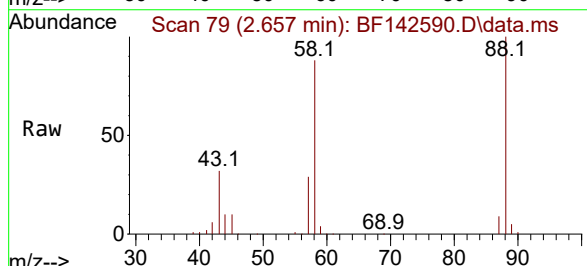
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

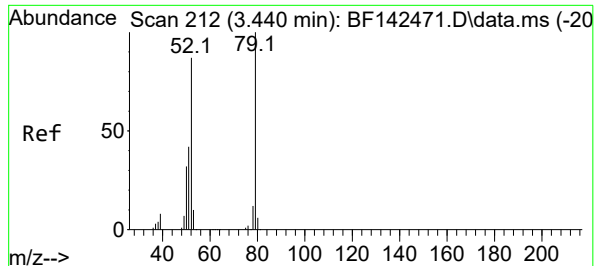
Tgt Ion:152 Resp: 112830
 Ion Ratio Lower Upper
 152 100
 150 159.4 128.2 192.4
 115 58.1 48.3 72.5



#2
 1,4-Dioxane
 Concen: 39.101 ng
 RT: 2.657 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142590.D
 Acq: 02 Jun 2025 11:30

Tgt Ion: 88 Resp: 104787
 Ion Ratio Lower Upper
 88 100
 58 87.4 70.8 106.2
 43 32.6 26.6 40.0





#3

Pyridine

Concen: 40.014 ng

RT: 3.434 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

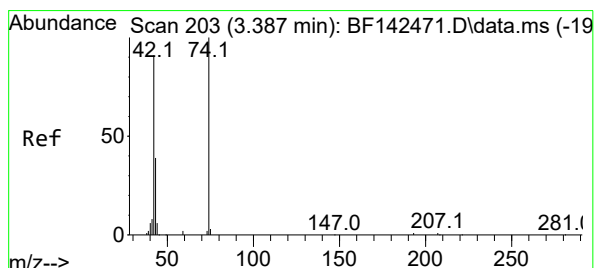
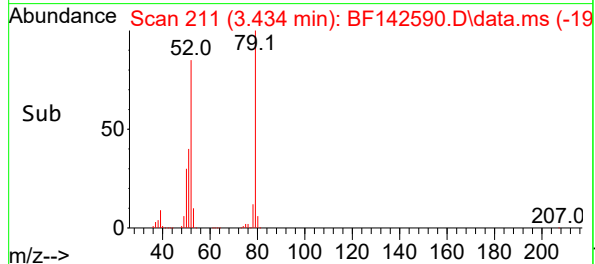
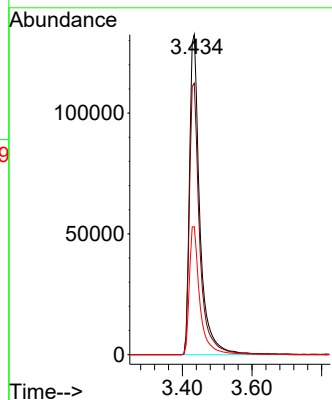
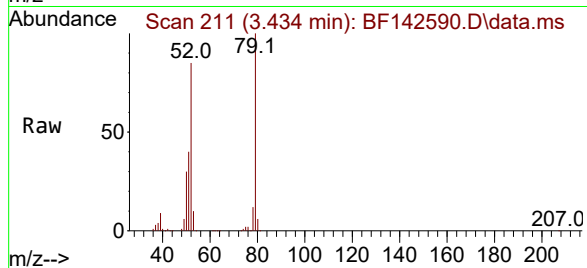
Tgt Ion: 79 Resp: 273075

Ion Ratio Lower Upper

79 100

52 84.8 69.2 103.8

51 40.0 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 37.883 ng

RT: 3.381 min Scan# 202

Delta R.T. -0.023 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

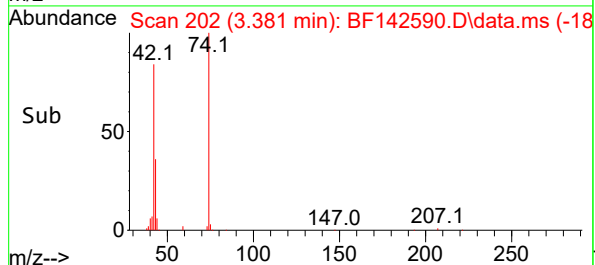
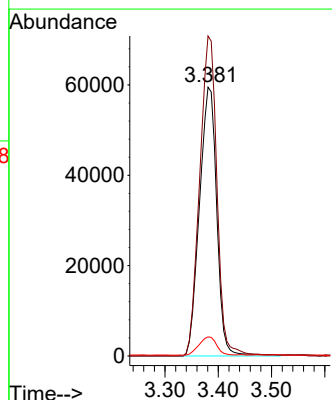
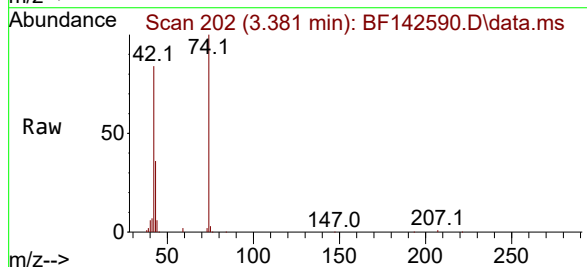
Tgt Ion: 42 Resp: 134236

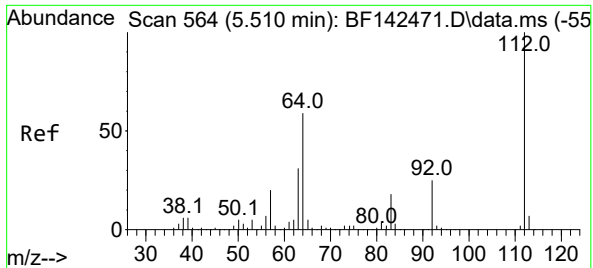
Ion Ratio Lower Upper

42 100

74 119.1 88.2 132.4

44 7.1 5.4 8.2

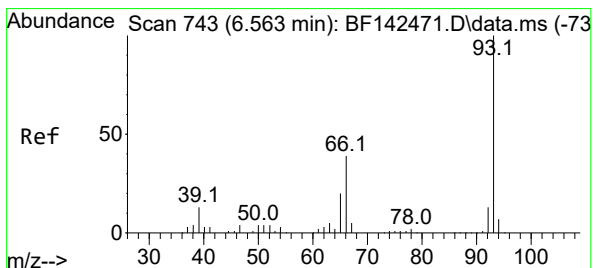
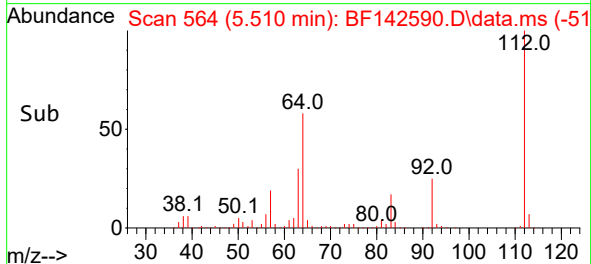
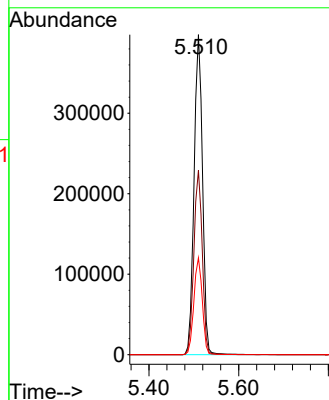
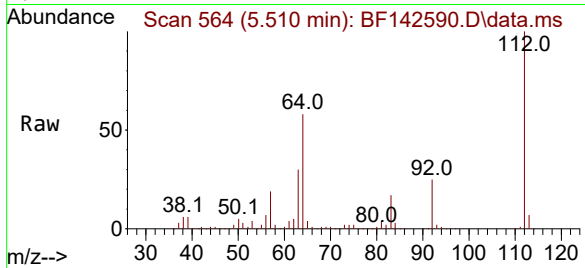




#5
2-Fluorophenol
Concen: 77.713 ng
RT: 5.510 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

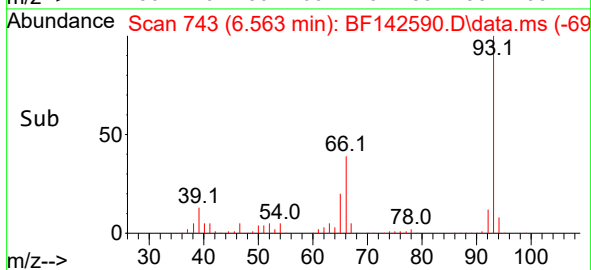
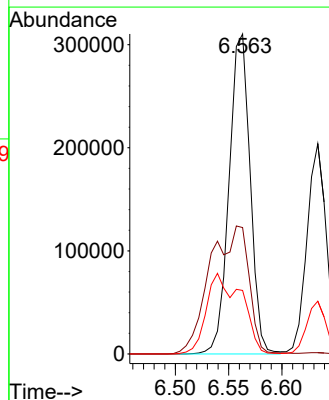
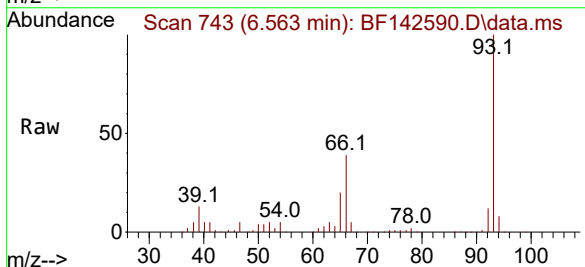
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

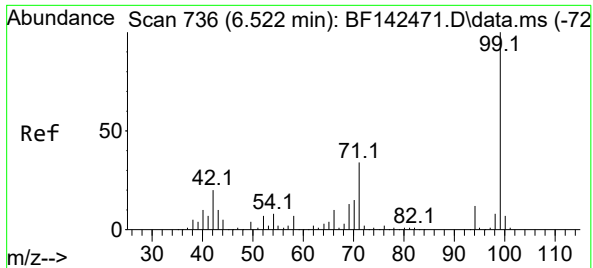
Tgt Ion:112 Resp: 520453
Ion Ratio Lower Upper
112 100
64 57.6 47.5 71.3
63 30.3 24.9 37.3



#6
Aniline
Concen: 39.384 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion: 93 Resp: 426917
Ion Ratio Lower Upper
93 100
66 39.5 32.0 48.0
65 19.8 16.1 24.1

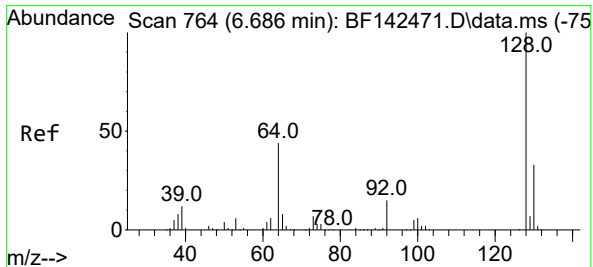
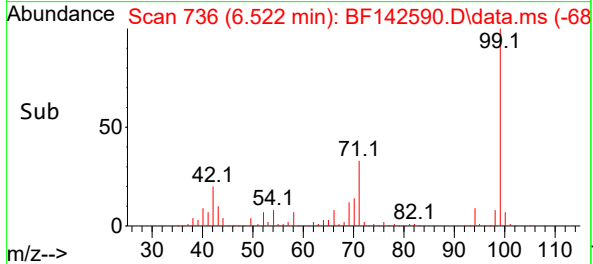
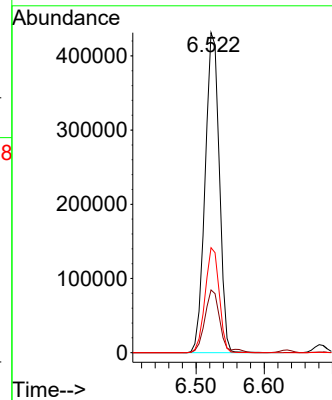
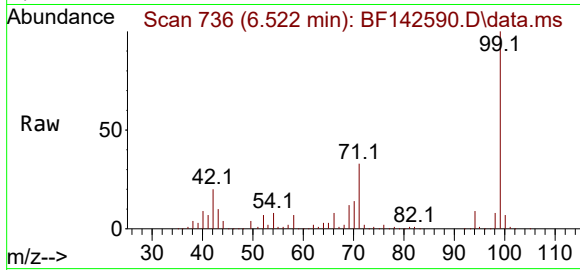




#7
Phenol-d6
Concen: 77.527 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

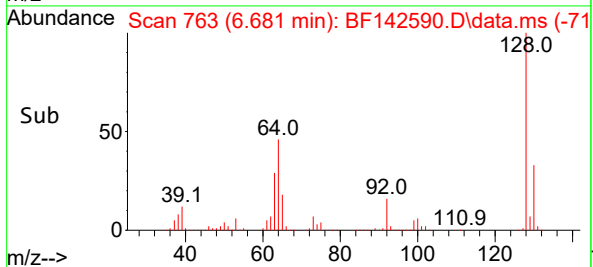
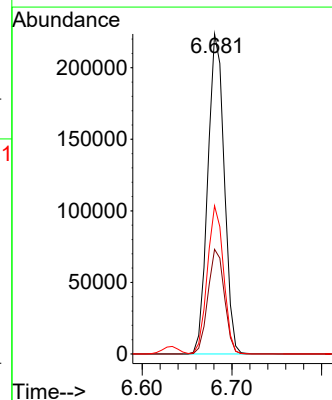
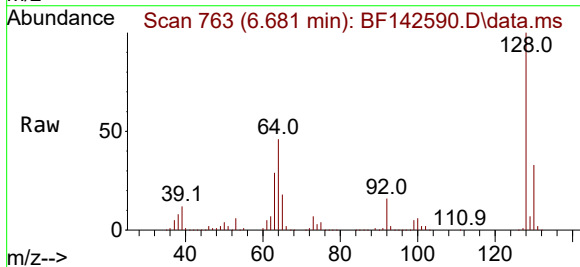
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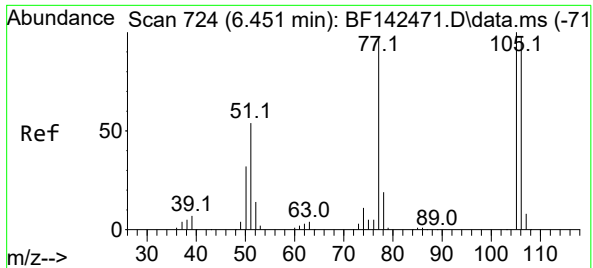
Tgt Ion: 99 Resp: 624999
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 32.8 27.3 40.9



#8
2-Chlorophenol
Concen: 38.992 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion: 128 Resp: 284430
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 46.3 25.1 65.1





#9
Benzaldehyde

Concen: 37.337 ng

RT: 6.451 min Scan# 724

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

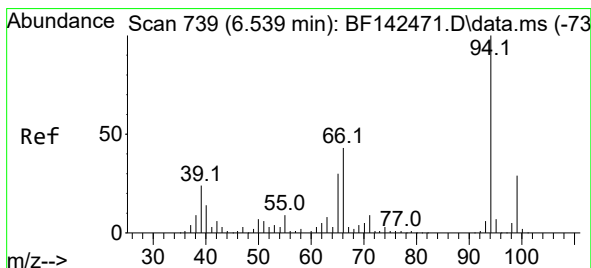
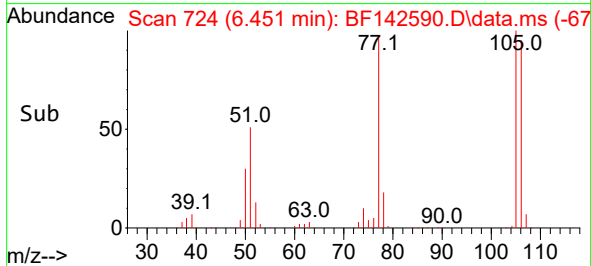
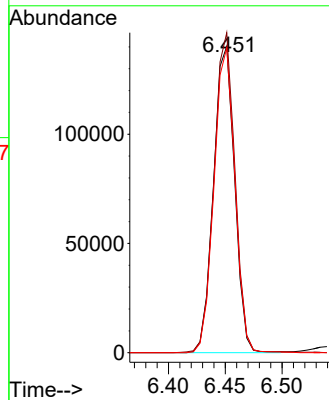
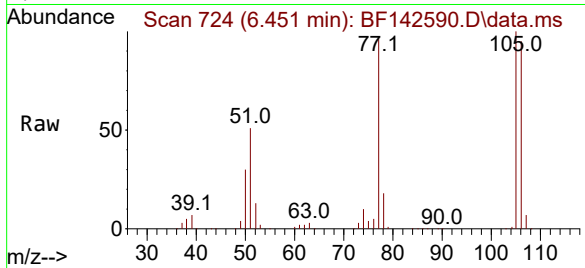
Tgt Ion: 77 Resp: 181042

Ion Ratio Lower Upper

77 100

105 104.4 82.5 122.5

106 99.5 80.0 120.0



#10

Phenol

Concen: 38.752 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

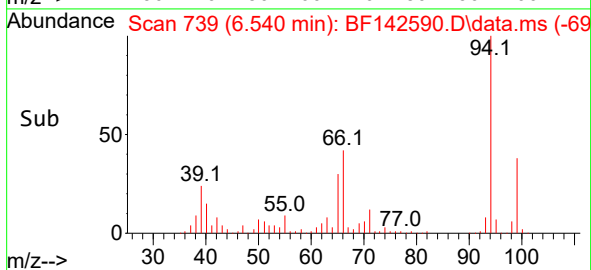
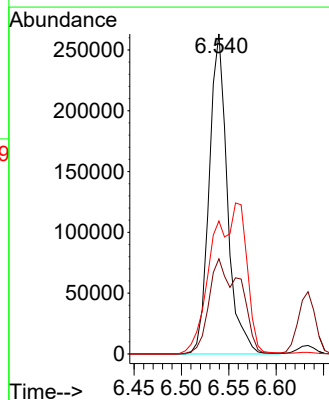
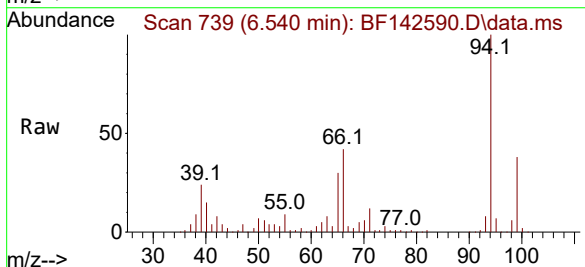
Tgt Ion: 94 Resp: 351528

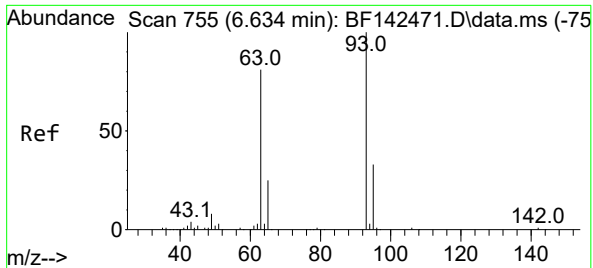
Ion Ratio Lower Upper

94 100

65 29.8 10.3 50.3

66 41.6 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 38.834 ng

RT: 6.634 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

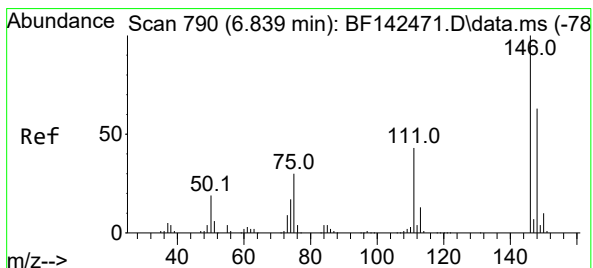
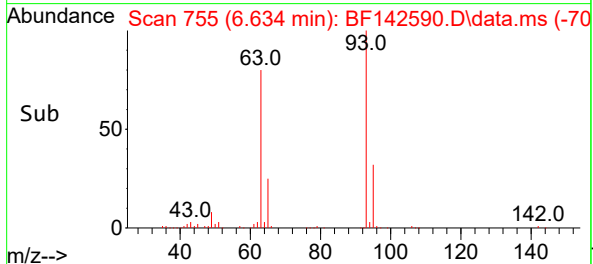
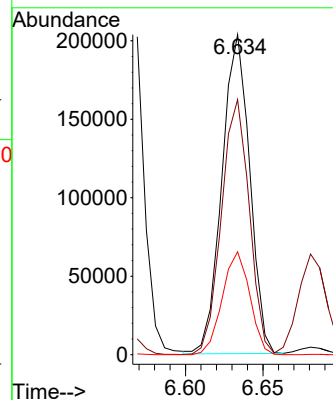
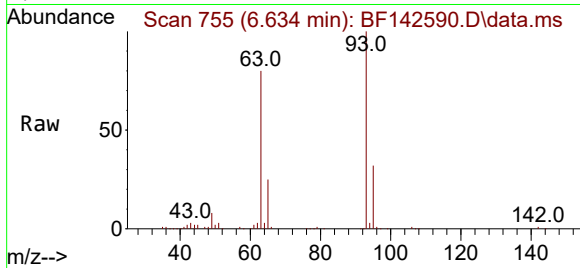
Tgt Ion: 93 Resp: 253577

Ion Ratio Lower Upper

93 100

63 79.7 60.2 100.2

95 32.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 38.387 ng

RT: 6.839 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

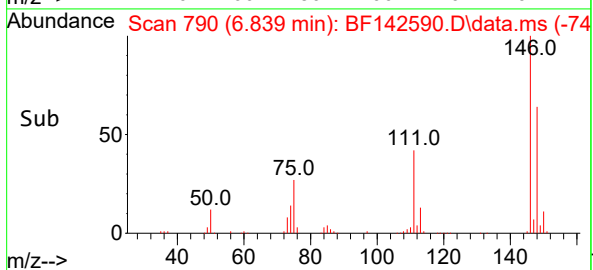
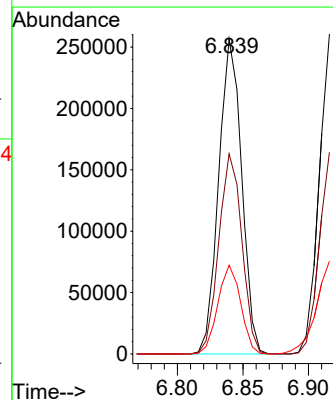
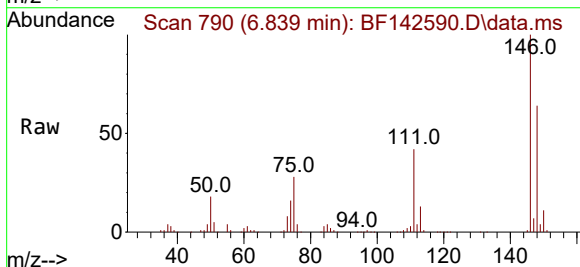
Tgt Ion:146 Resp: 312463

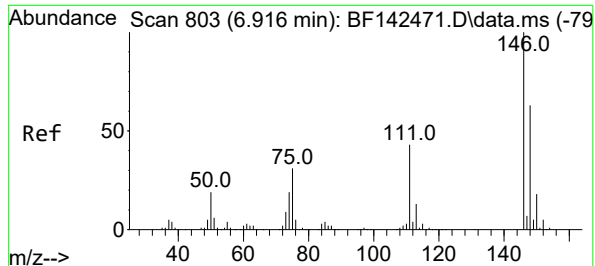
Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

75 28.2 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 38.867 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

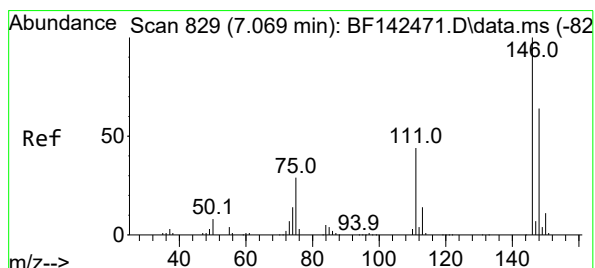
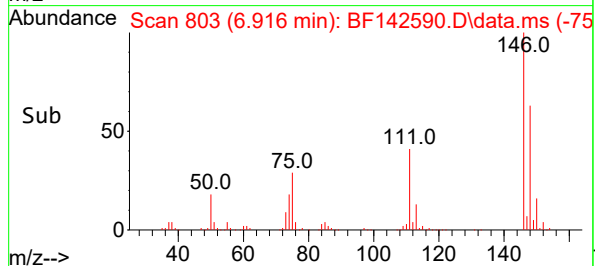
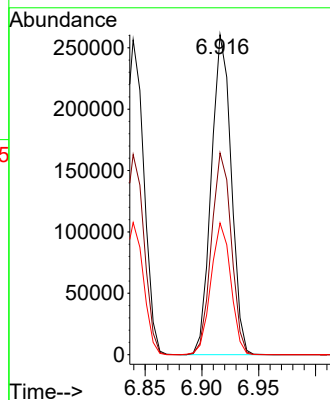
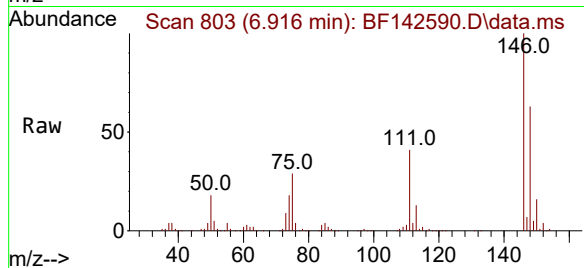
Tgt Ion:146 Resp: 318681

Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 41.1 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 38.567 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

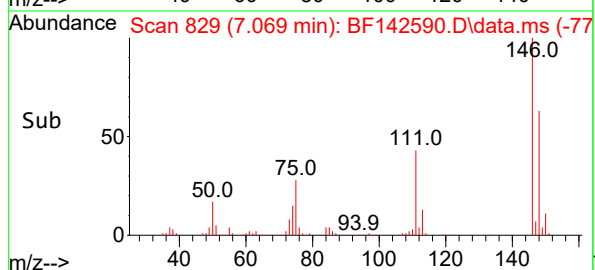
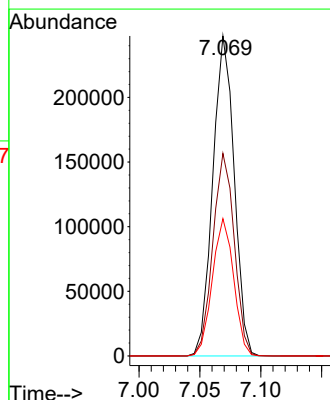
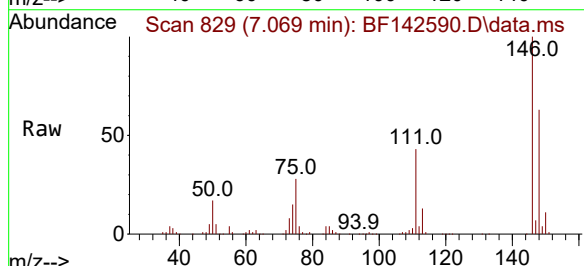
Tgt Ion:146 Resp: 302583

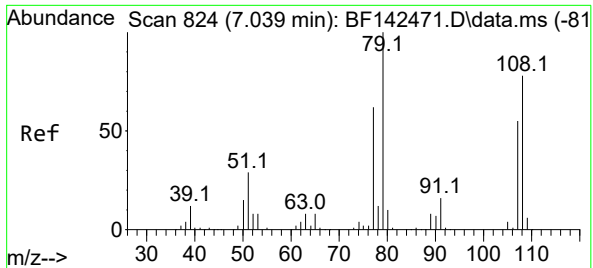
Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.4

111 42.9 35.0 52.6





#15

Benzyl Alcohol

Concen: 38.476 ng

RT: 7.039 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

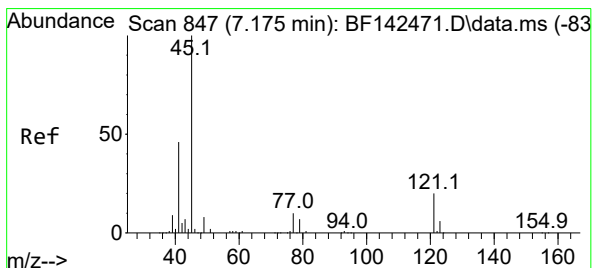
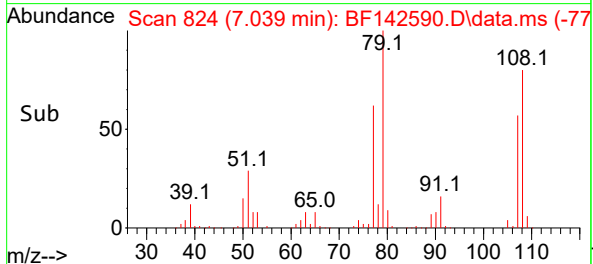
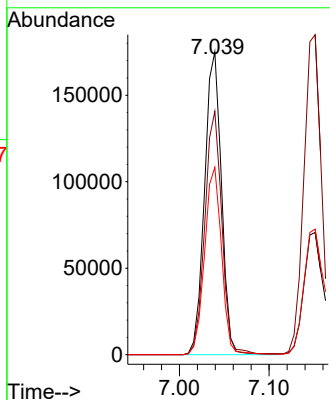
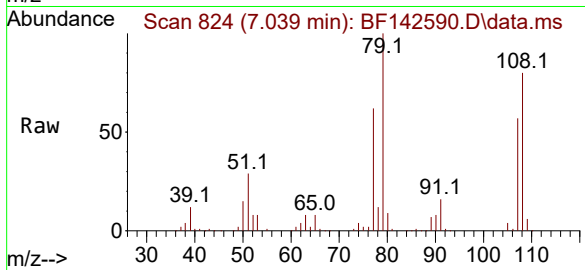
Tgt Ion: 79 Resp: 229225

Ion Ratio Lower Upper

79 100

108 80.3 62.1 93.1

77 61.9 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.521 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

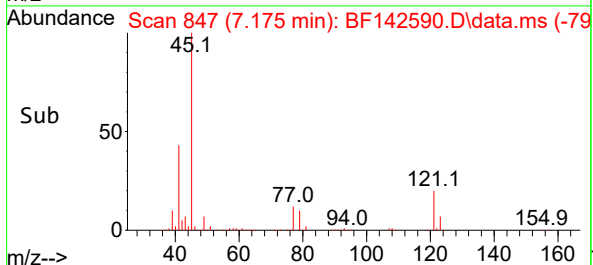
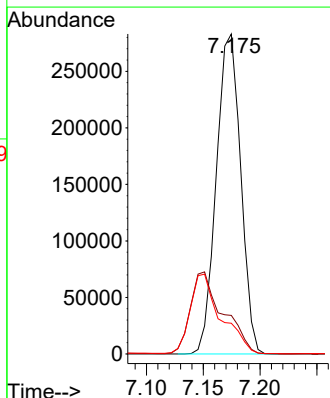
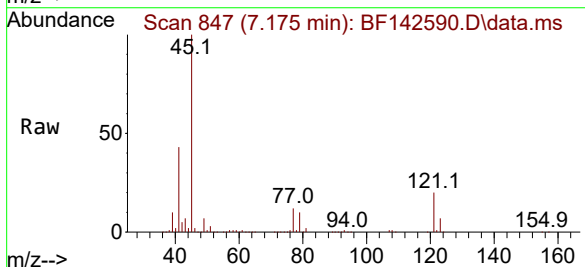
Tgt Ion: 45 Resp: 422408

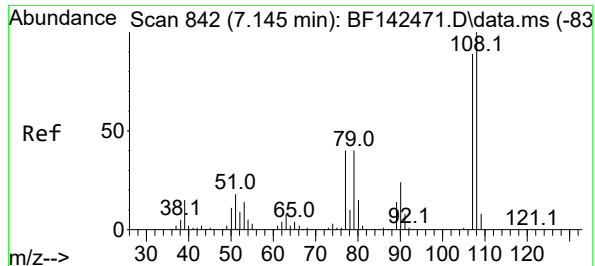
Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.0

79 9.6 0.0 29.2

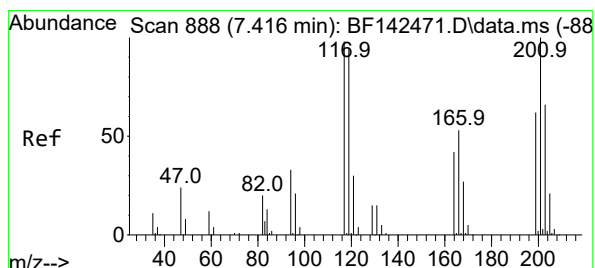
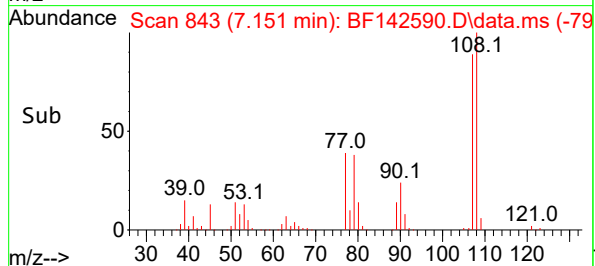
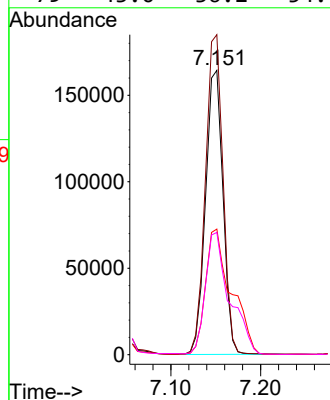
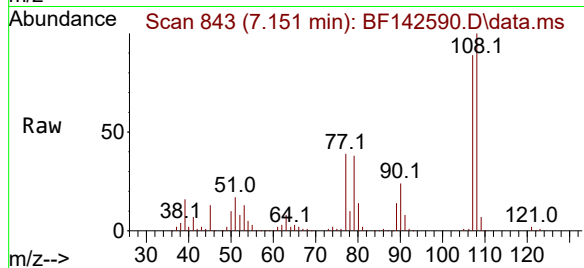




#17
2-Methylphenol
Concen: 38.986 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

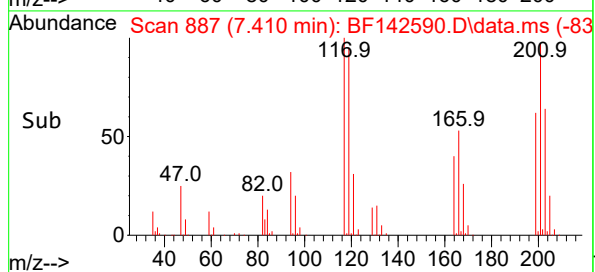
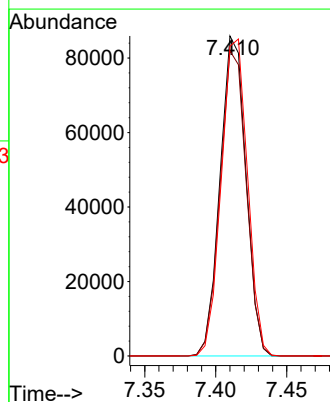
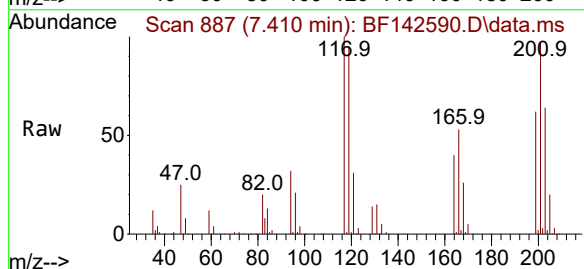
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

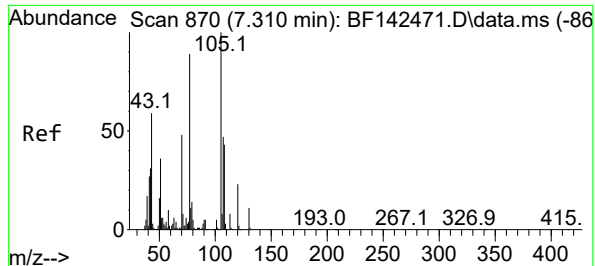
Tgt Ion:107 Resp: 222036
Ion Ratio Lower Upper
107 100
108 112.5 90.2 135.2
77 44.2 36.1 54.1
79 43.0 36.2 54.4



#18
Hexachloroethane
Concen: 38.042 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:117 Resp: 108916
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
201 96.8 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 37.435 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 187037

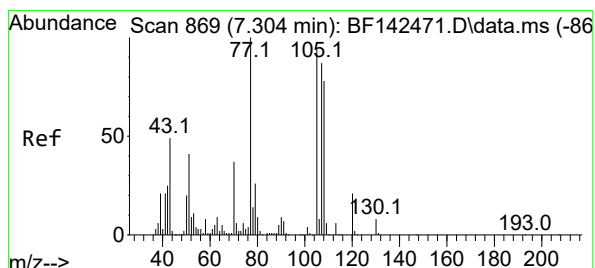
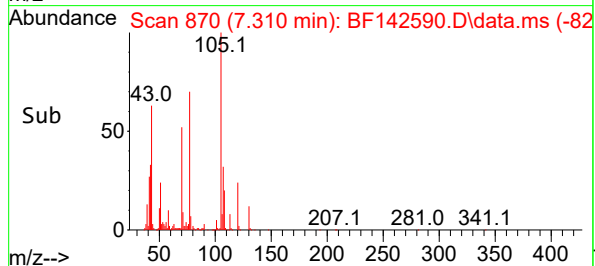
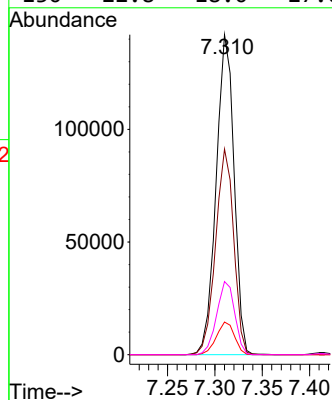
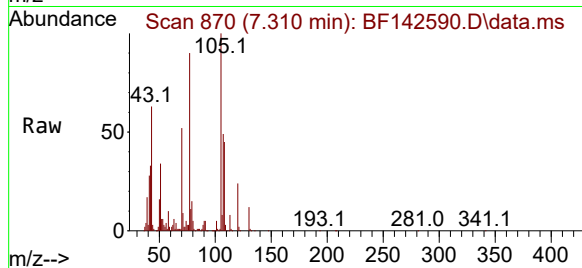
Ion Ratio Lower Upper

70 100

42 64.3 52.4 78.6

101 10.2 7.8 11.8

130 22.8 18.0 27.0



#20

3+4-Methylphenols

Concen: 38.443 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Tgt Ion: 107 Resp: 280371

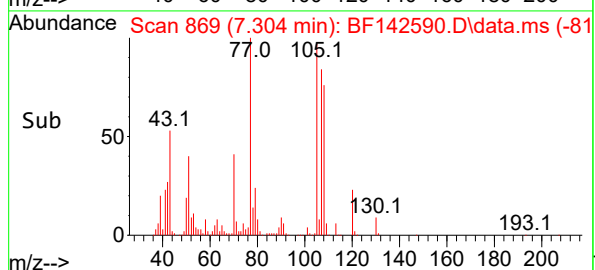
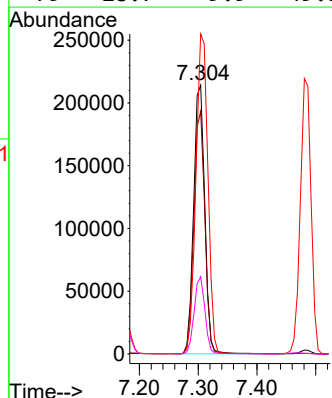
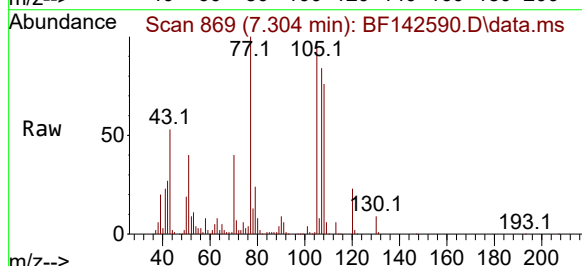
Ion Ratio Lower Upper

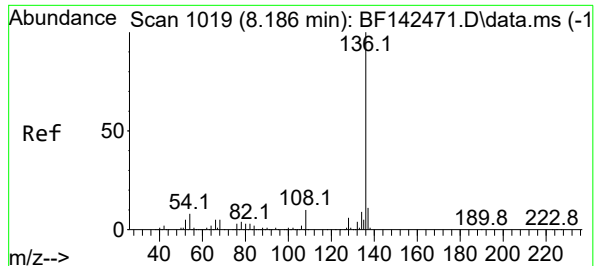
107 100

108 90.2 70.4 110.4

77 119.0 95.4 135.4

79 28.7 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 441878

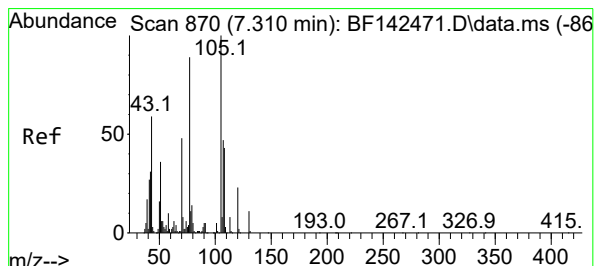
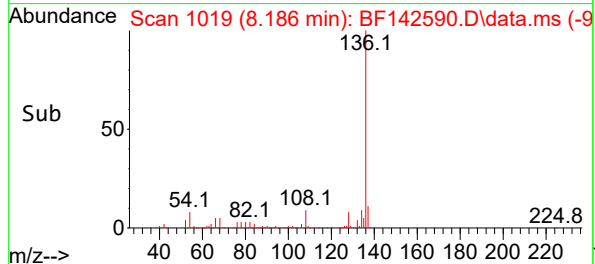
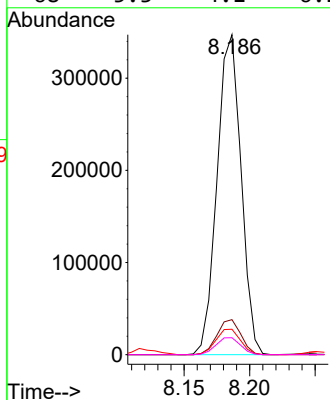
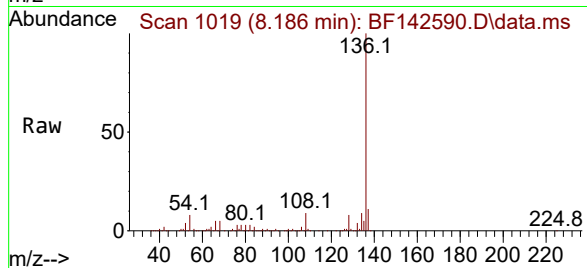
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.0 6.6 10.0

68 5.3 4.1 6.1



#22

Acetophenone

Concen: 37.647 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Tgt Ion:105 Resp: 368253

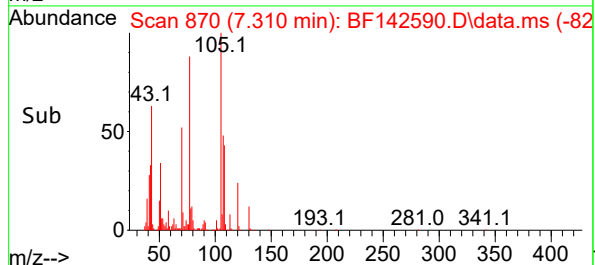
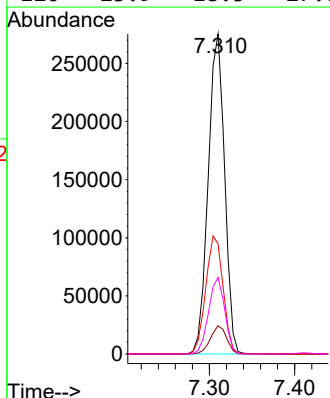
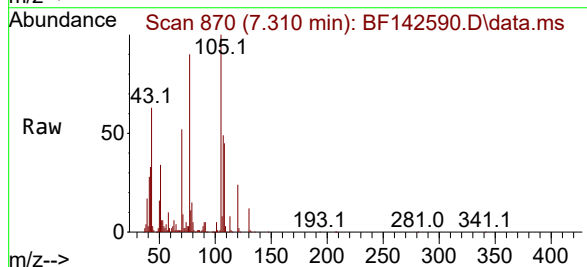
Ion Ratio Lower Upper

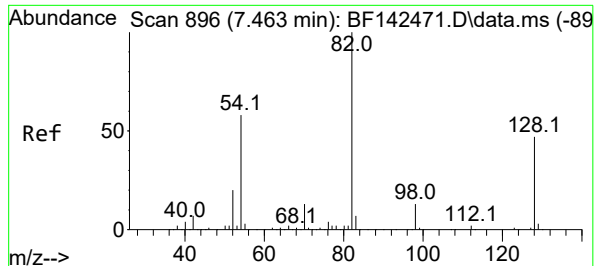
105 100

71 8.8 6.4 9.6

51 34.4 28.6 42.8

120 23.9 18.5 27.7





#23

Nitrobenzene-d5

Concen: 75.793 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

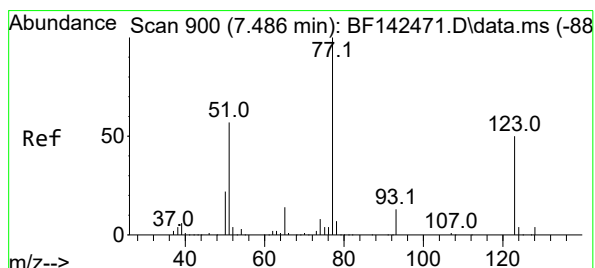
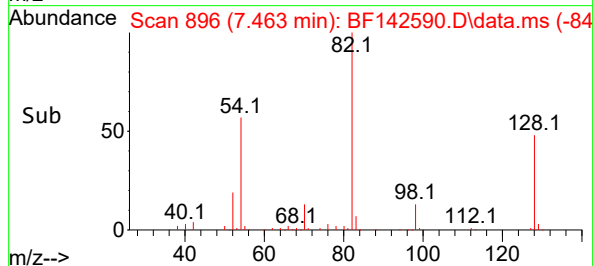
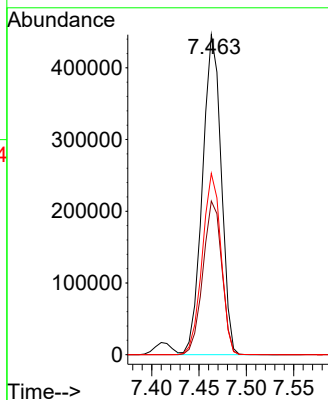
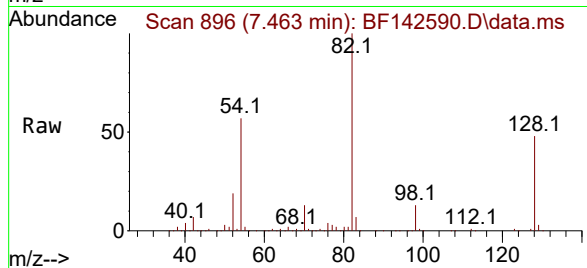
Tgt Ion: 82 Resp: 614193

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.2

54 56.7 46.6 70.0



#24

Nitrobenzene

Concen: 37.981 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

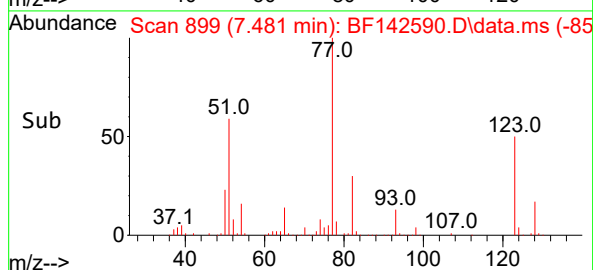
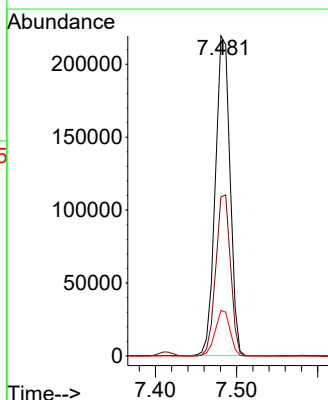
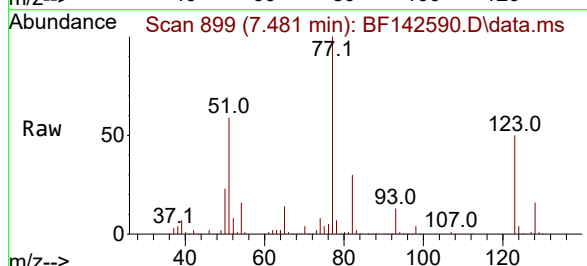
Tgt Ion: 77 Resp: 277591

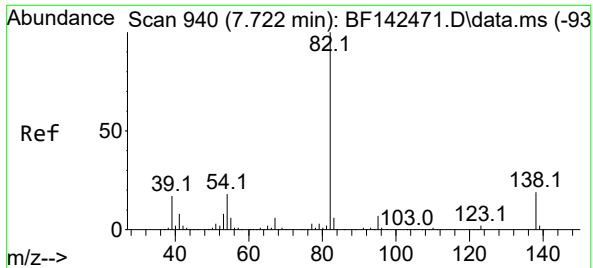
Ion Ratio Lower Upper

77 100

123 49.7 40.6 61.0

65 14.2 11.4 17.2

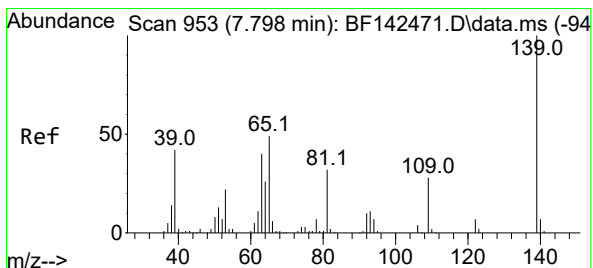
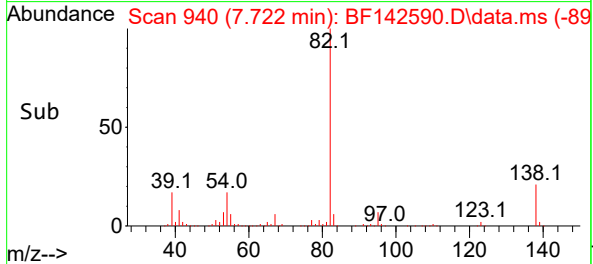
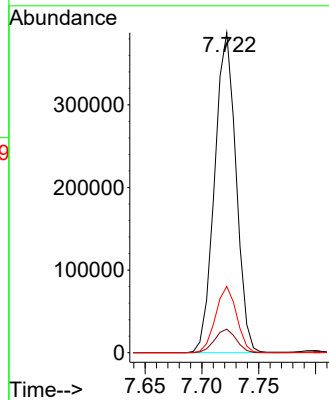
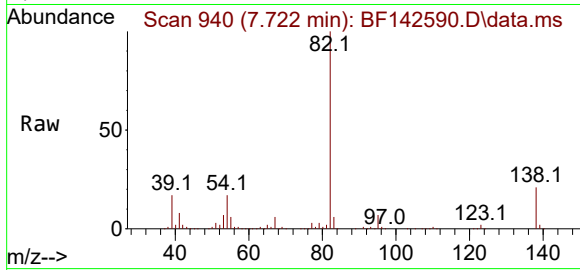




#25
Isophorone
Concen: 37.499 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

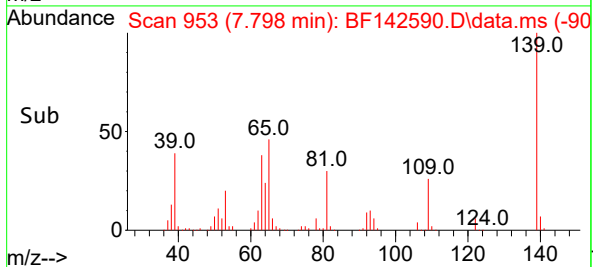
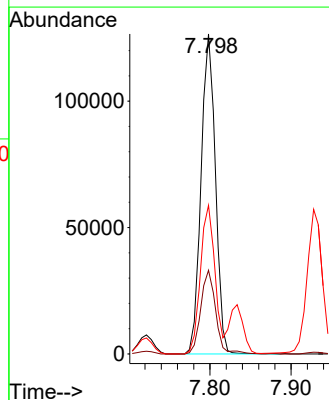
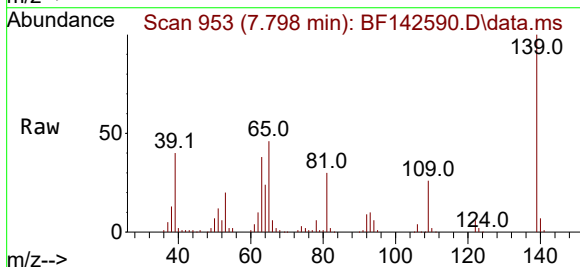
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

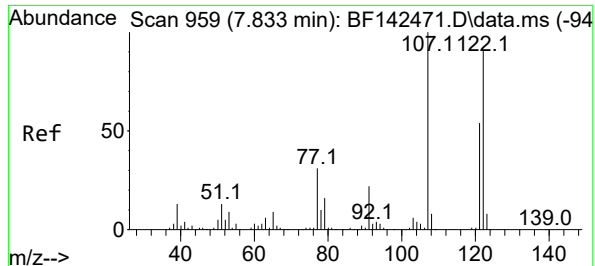
Tgt Ion: 82 Resp: 508065
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.7 15.5 23.3



#26
2-Nitrophenol
Concen: 39.842 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:139 Resp: 155595
Ion Ratio Lower Upper
139 100
109 26.1 22.6 33.8
65 46.5 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 38.389 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

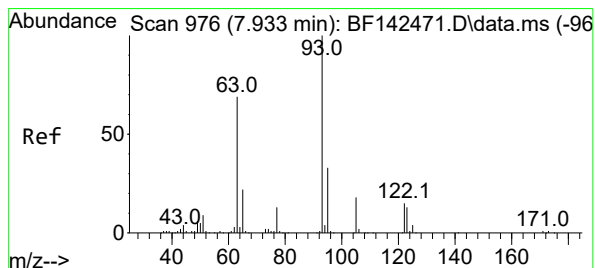
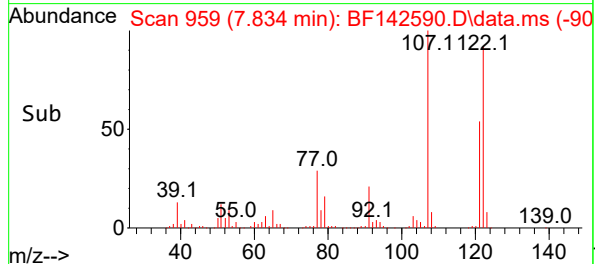
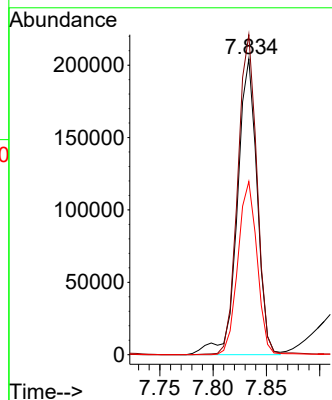
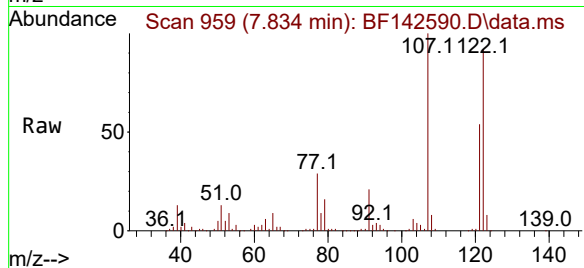
Tgt Ion:122 Resp: 264387

Ion Ratio Lower Upper

122 100

107 108.2 88.1 132.1

121 58.5 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 38.126 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

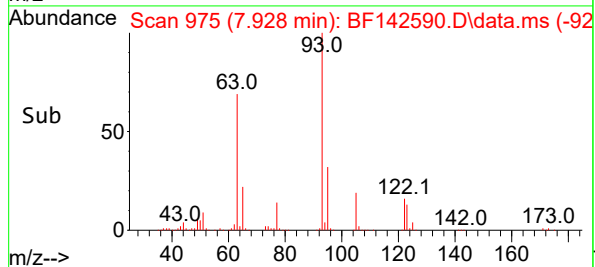
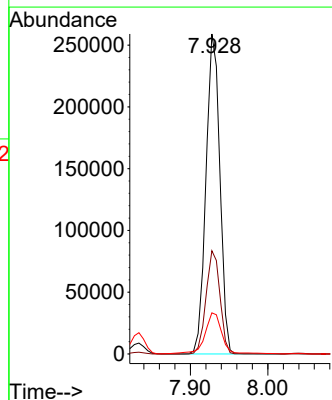
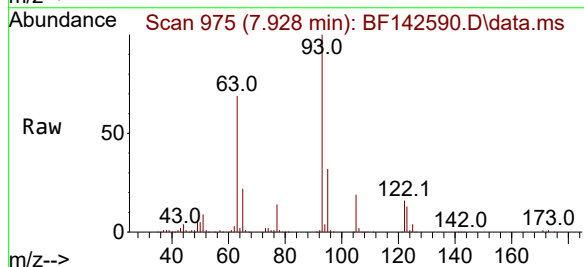
Tgt Ion: 93 Resp: 322678

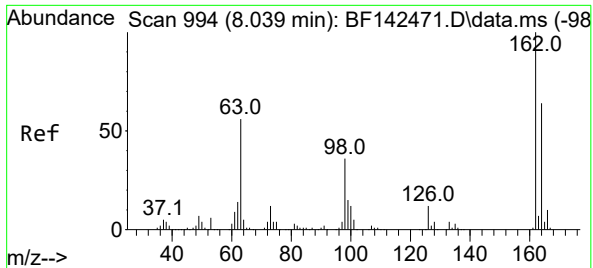
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 12.8 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 38.802 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

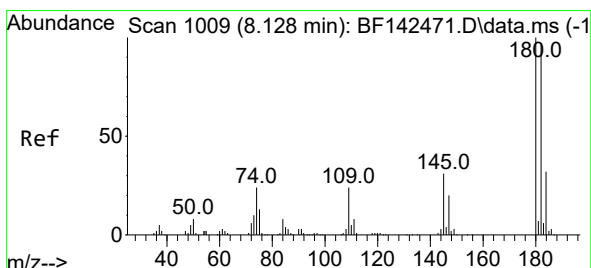
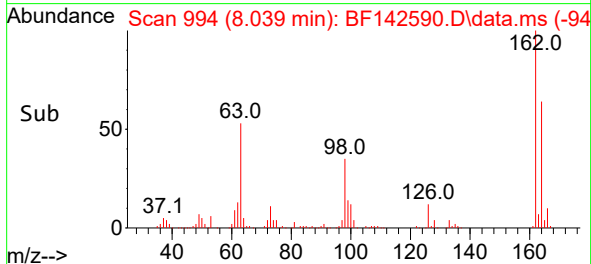
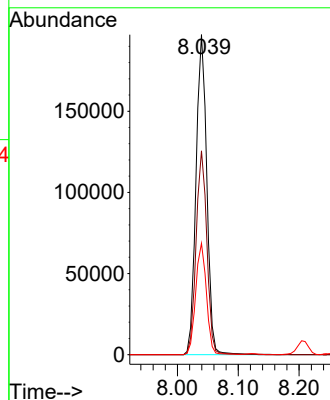
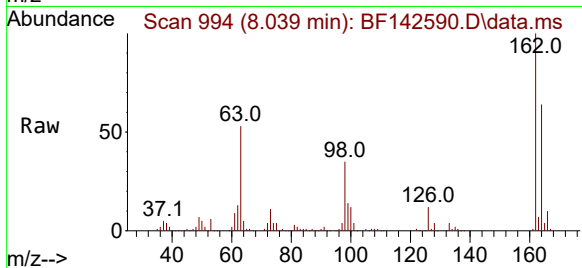
Tgt Ion:162 Resp: 243024

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 34.8 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 38.470 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

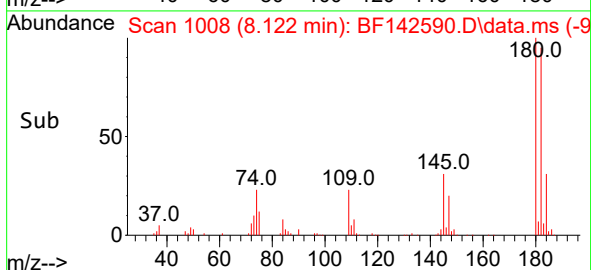
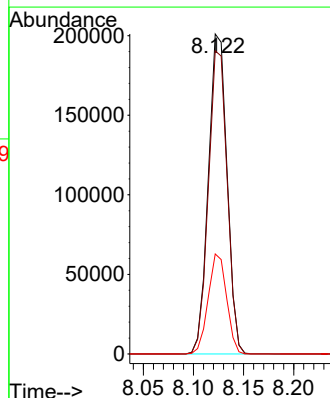
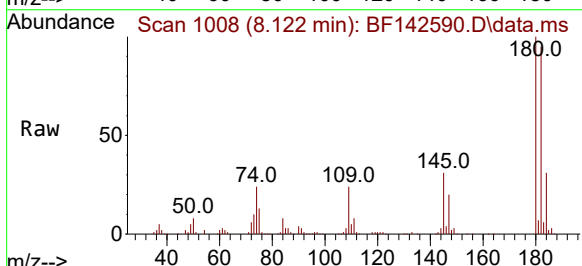
Tgt Ion:180 Resp: 261489

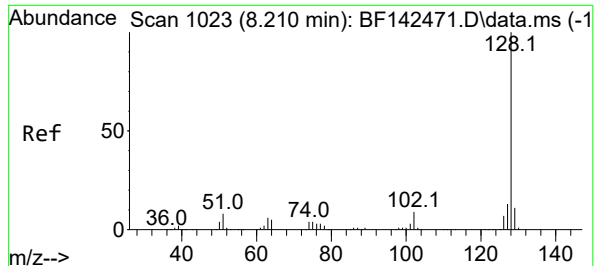
Ion Ratio Lower Upper

180 100

182 94.7 78.0 117.0

145 31.3 25.0 37.6





#31

Naphthalene

Concen: 38.160 ng

RT: 8.204 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

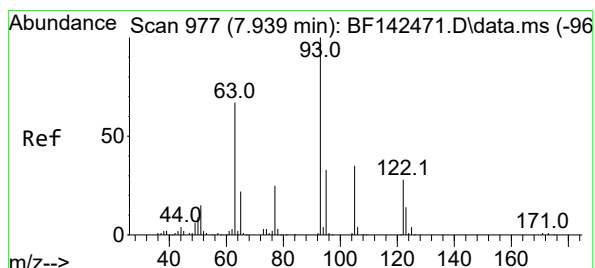
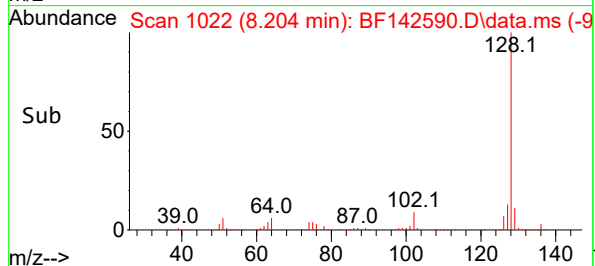
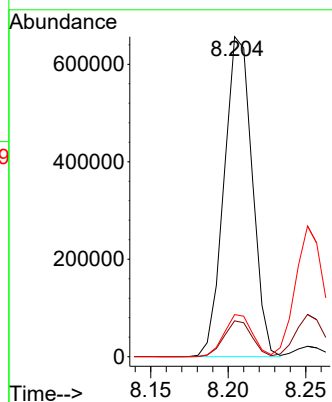
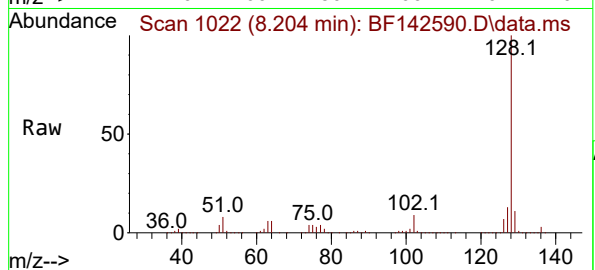
Tgt Ion:128 Resp: 830285

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 38.227 ng

RT: 7.939 min Scan# 977

Delta R.T. -0.036 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

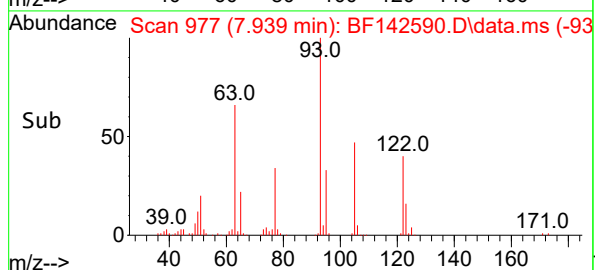
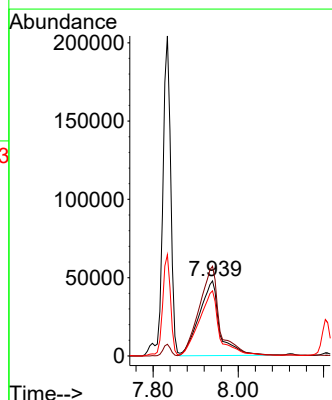
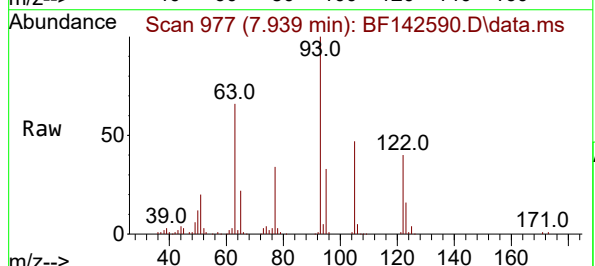
Tgt Ion:122 Resp: 160260

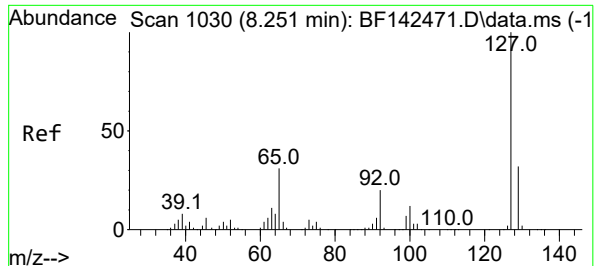
Ion Ratio Lower Upper

122 100

105 119.5 101.7 141.7

77 86.6 69.5 109.5





#33

4-Chloroaniline

Concen: 38.998 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 343825

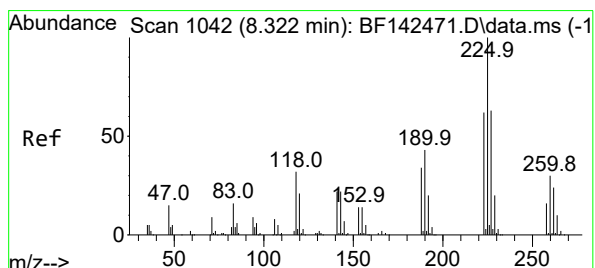
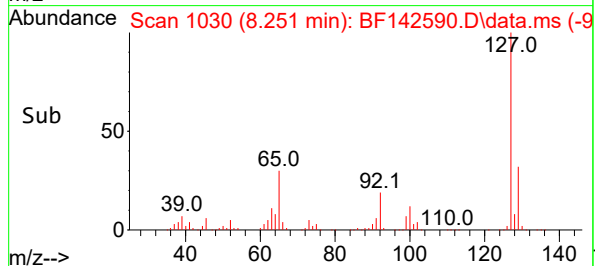
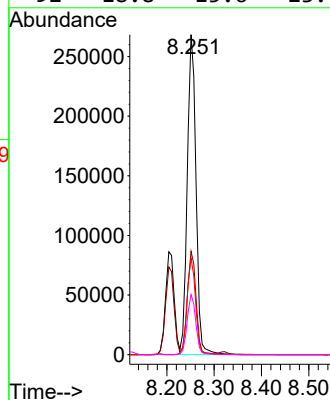
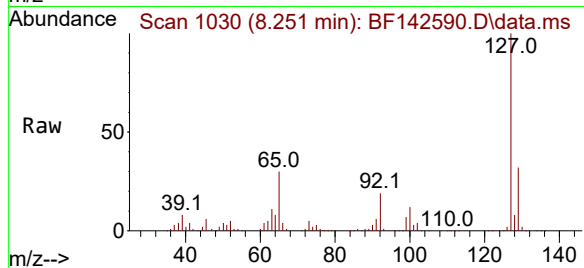
Ion Ratio Lower Upper

127 100

129 32.3 26.1 39.1

65 30.2 24.9 37.3

92 18.8 15.6 23.4



#34

Hexachlorobutadiene

Concen: 36.459 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

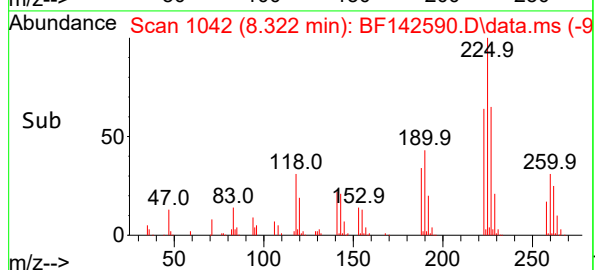
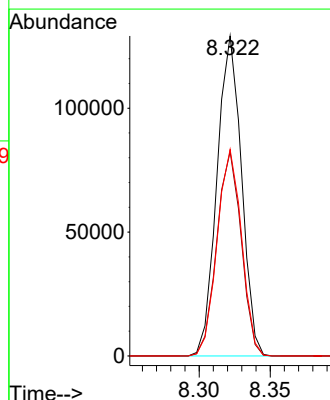
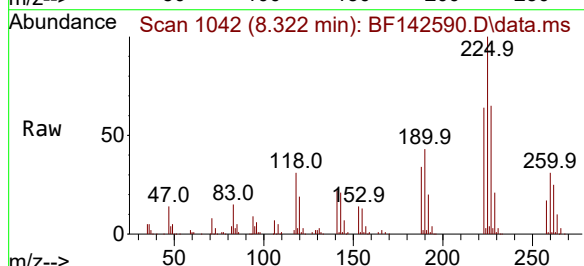
Tgt Ion:225 Resp: 154741

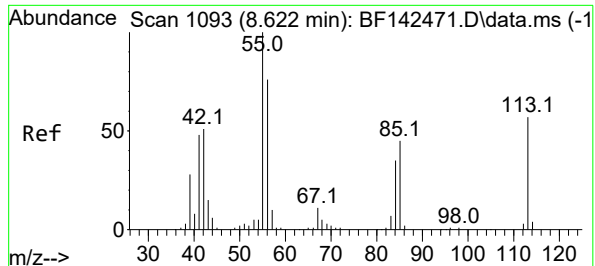
Ion Ratio Lower Upper

225 100

223 63.8 49.7 74.5

227 64.6 50.3 75.5





#35

Caprolactam

Concen: 41.974 ng

RT: 8.622 min Scan# 1093

Delta R.T. -0.023 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

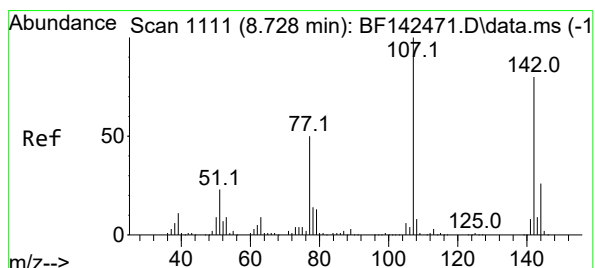
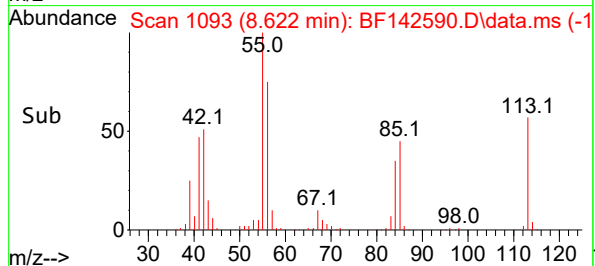
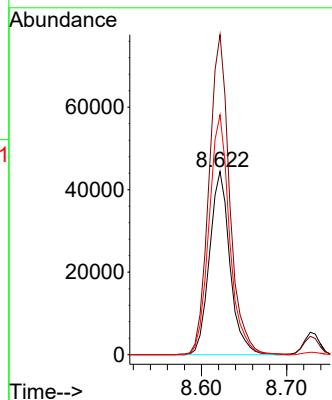
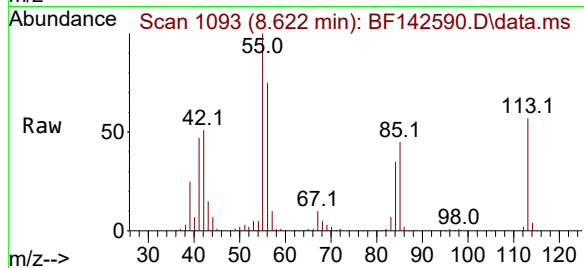
Tgt Ion:113 Resp: 73834

Ion Ratio Lower Upper

113 100

55 174.6 154.7 194.7

56 130.9 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 37.891 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

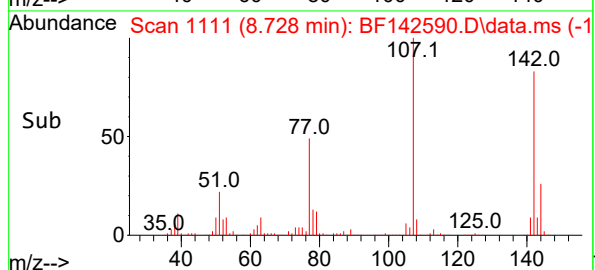
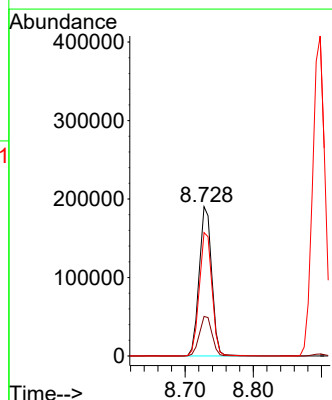
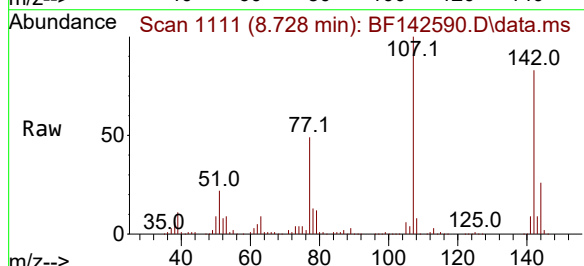
Tgt Ion:107 Resp: 243211

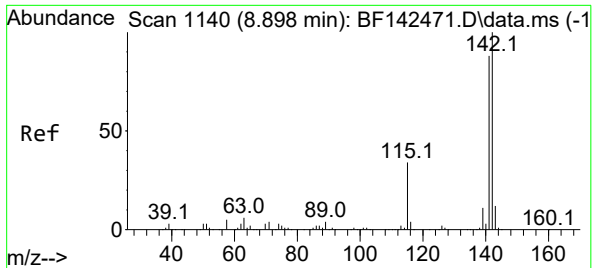
Ion Ratio Lower Upper

107 100

144 26.4 20.9 31.3

142 82.6 64.2 96.2

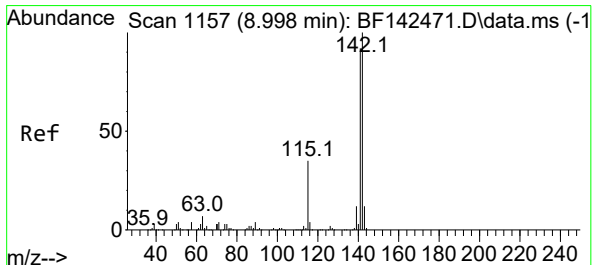
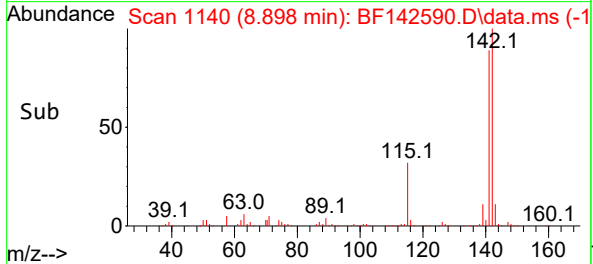
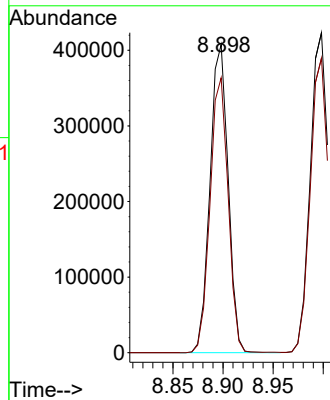
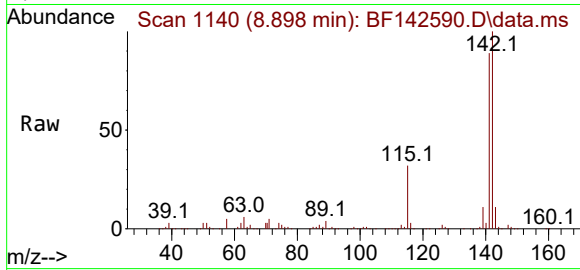




#37
2-Methylnaphthalene
Concen: 37.513 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

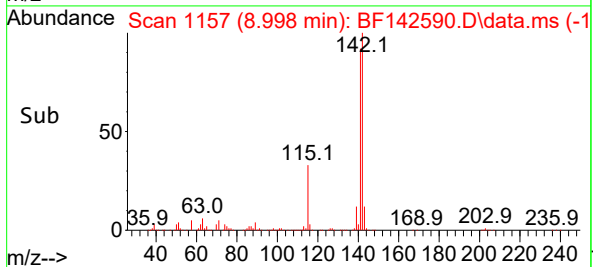
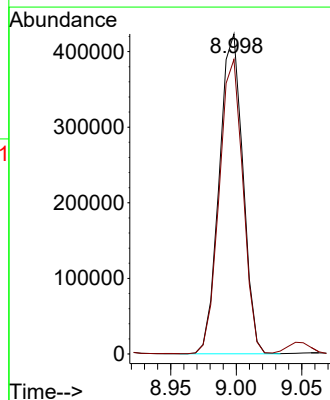
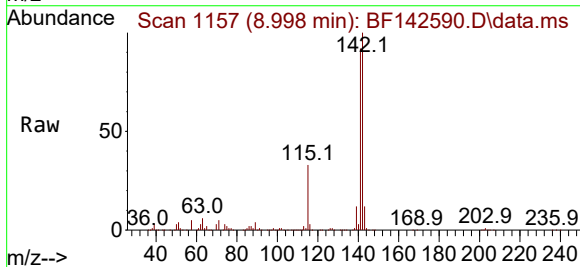
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

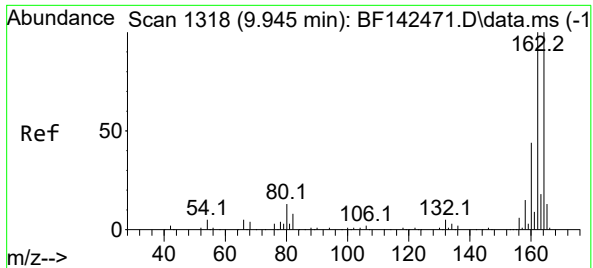
Tgt Ion:142 Resp: 513490
Ion Ratio Lower Upper
142 100
141 89.2 70.7 106.1



#38
1-Methylnaphthalene
Concen: 37.476 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:142 Resp: 530617
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

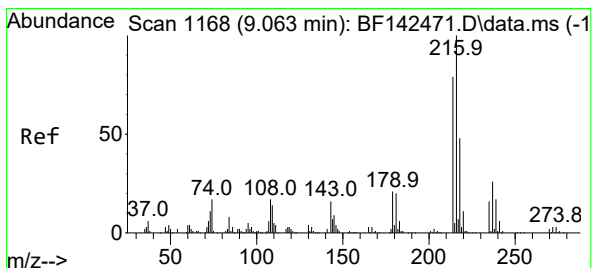
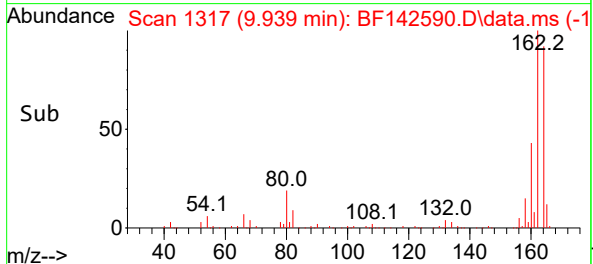
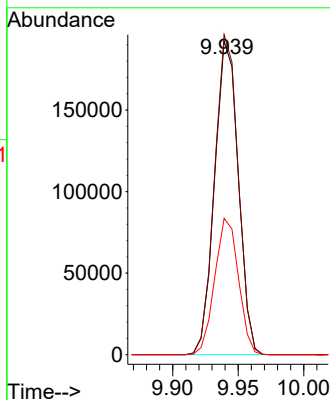
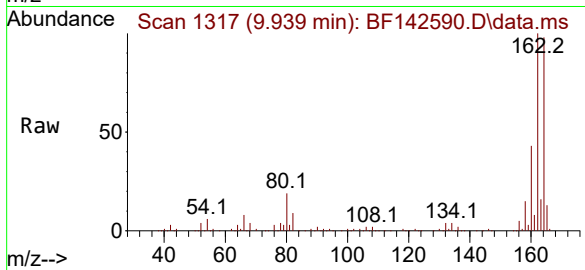
Tgt Ion:164 Resp: 241388

Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.4

160 43.4 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.735 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Tgt Ion:216 Resp: 261475

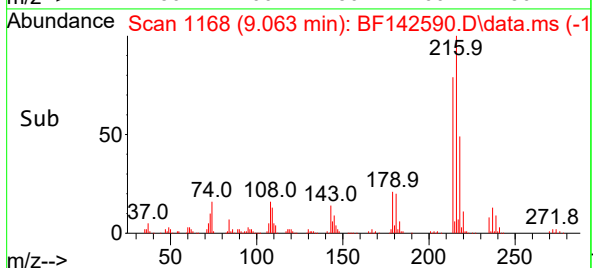
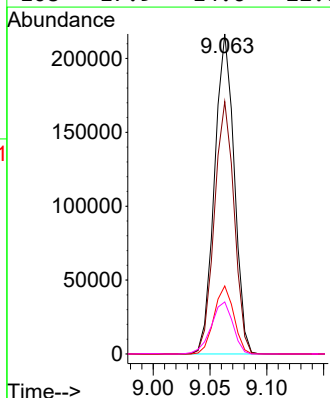
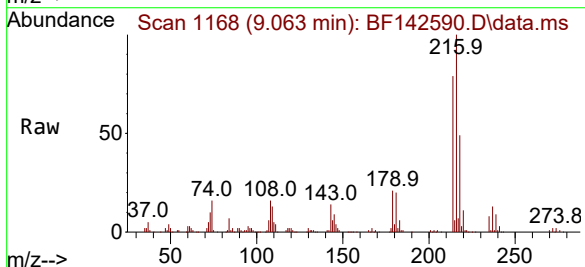
Ion Ratio Lower Upper

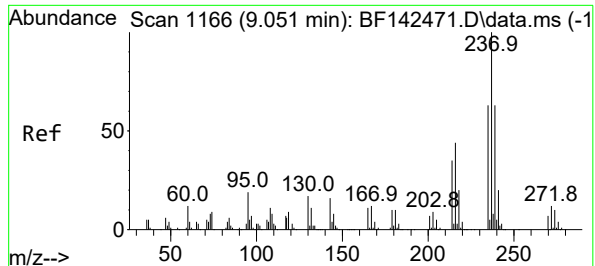
216 100

214 78.8 62.9 94.3

179 21.2 16.9 25.3

108 17.9 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 35.099 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

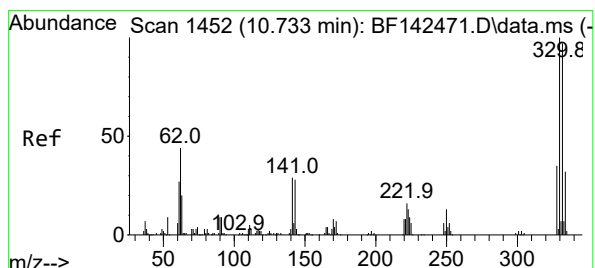
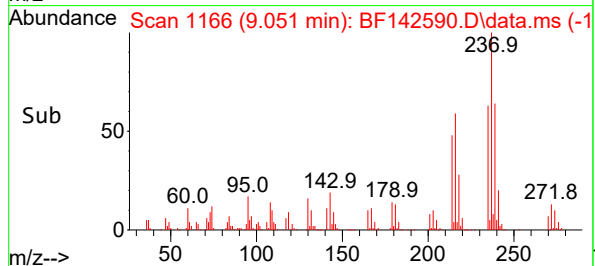
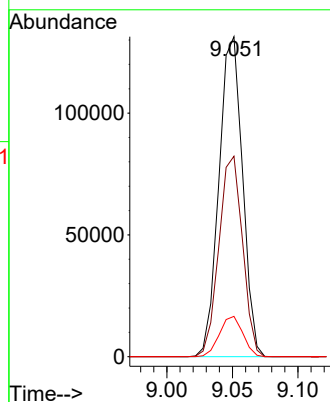
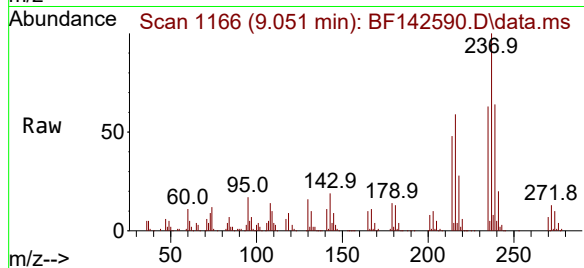
Tgt Ion:237 Resp: 164068

Ion Ratio Lower Upper

237 100

235 62.7 43.3 83.3

272 12.6 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 76.490 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

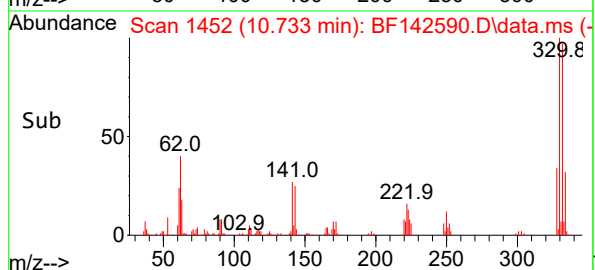
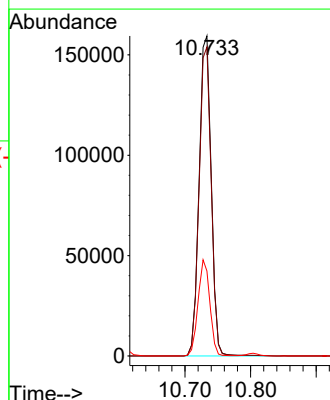
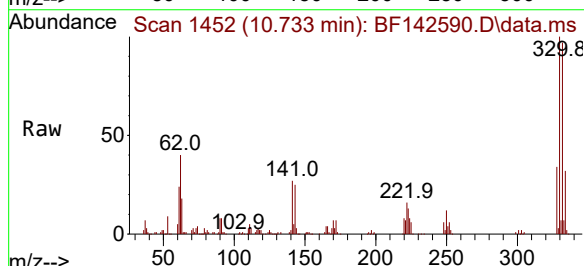
Tgt Ion:330 Resp: 204924

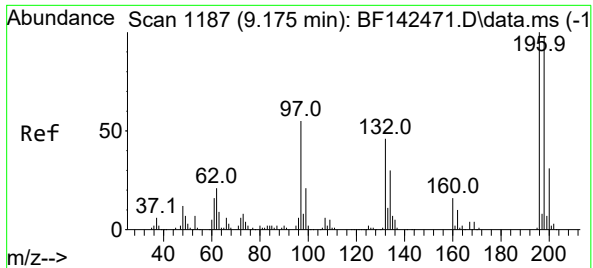
Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 29.4 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 37.821 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

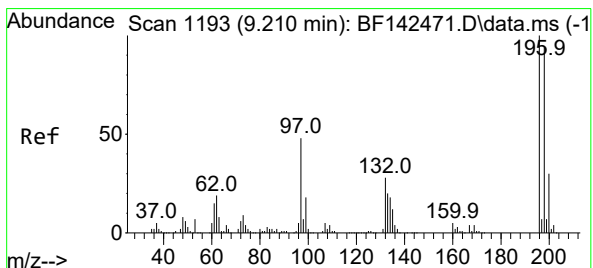
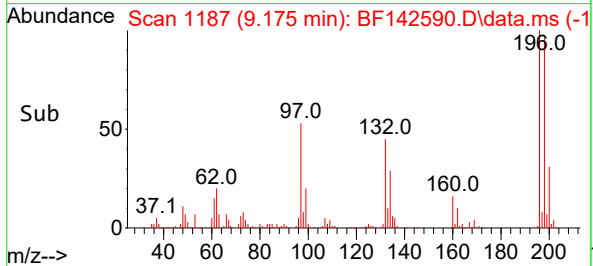
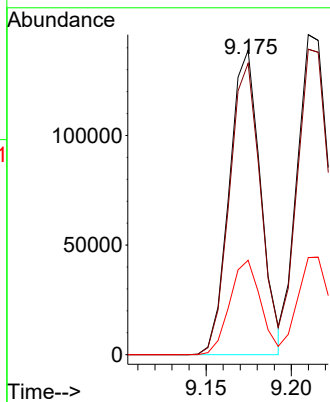
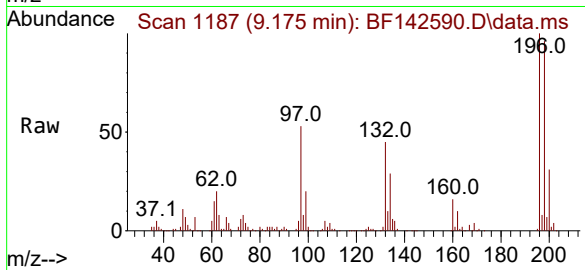
Tgt Ion:196 Resp: 176717

Ion Ratio Lower Upper

196 100

198 95.7 78.8 118.2

200 31.0 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 38.794 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Tgt Ion:196 Resp: 191168

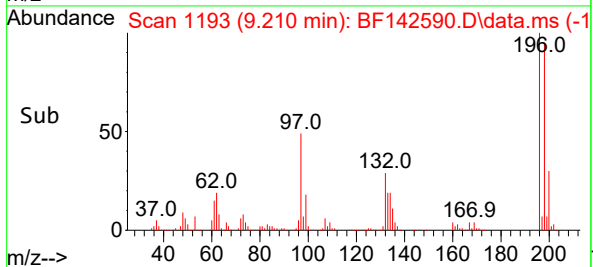
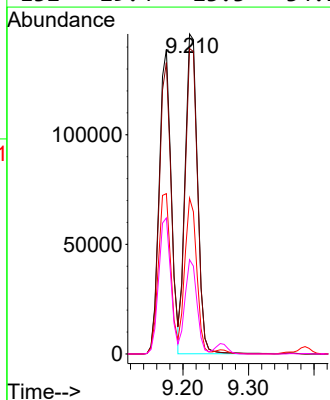
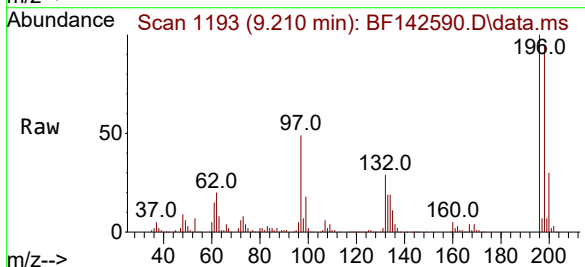
Ion Ratio Lower Upper

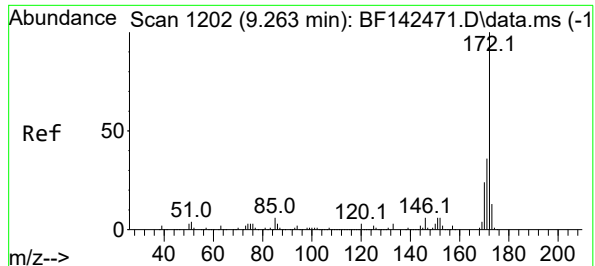
196 100

198 95.4 75.5 113.3

97 48.7 39.3 58.9

132 29.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.981 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

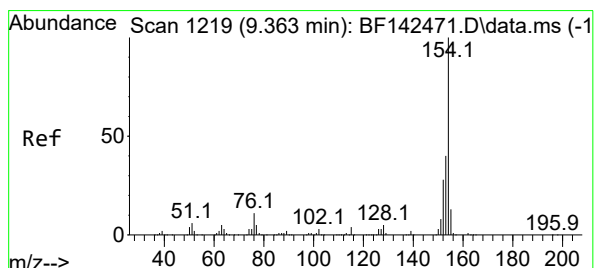
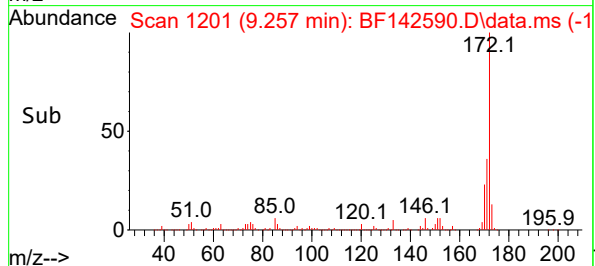
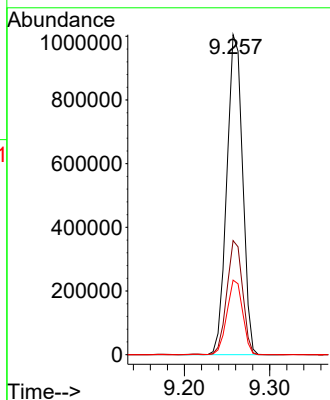
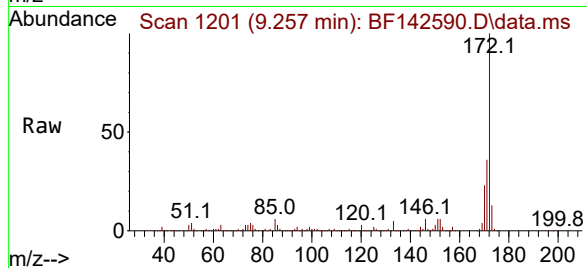
Tgt Ion:172 Resp: 1294863

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 37.504 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

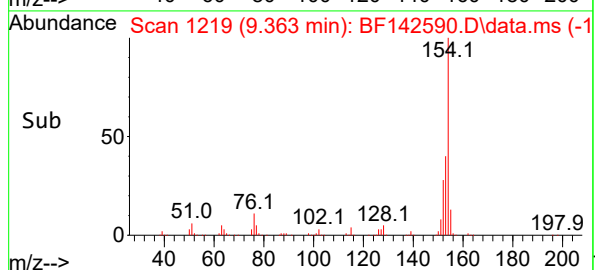
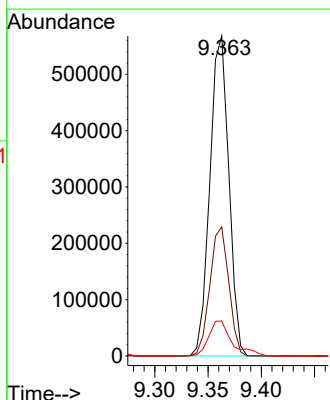
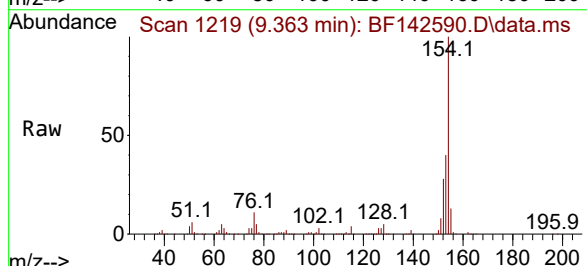
Tgt Ion:154 Resp: 702351

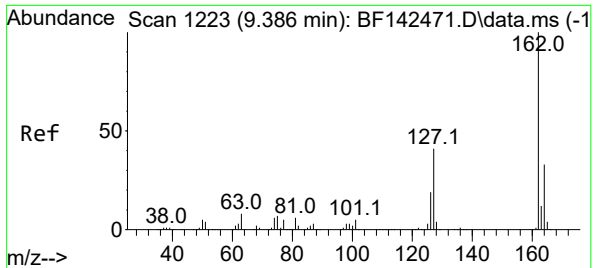
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 10.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 37.693 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

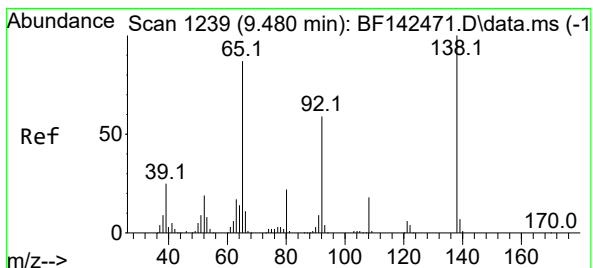
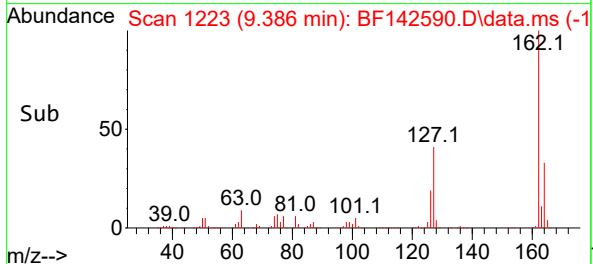
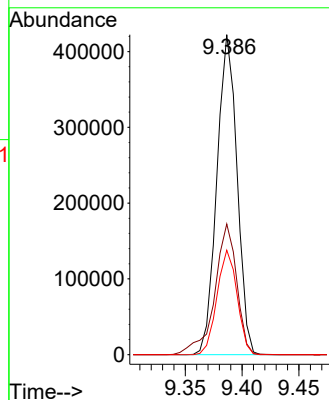
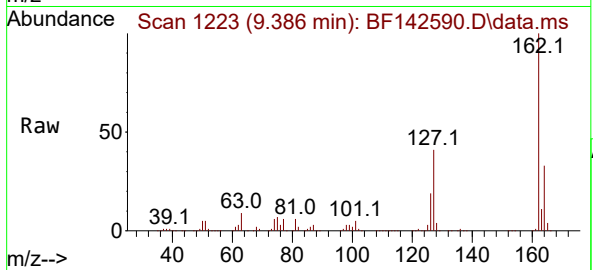
Tgt Ion:162 Resp: 521535

Ion Ratio Lower Upper

162 100

127 40.8 33.5 50.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 39.199 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

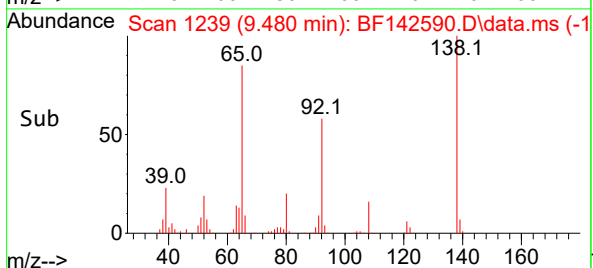
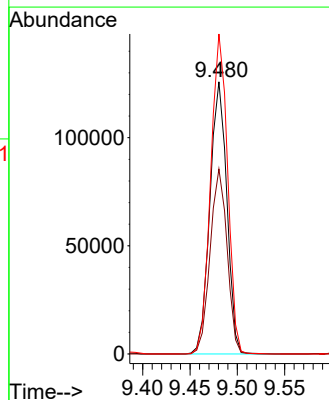
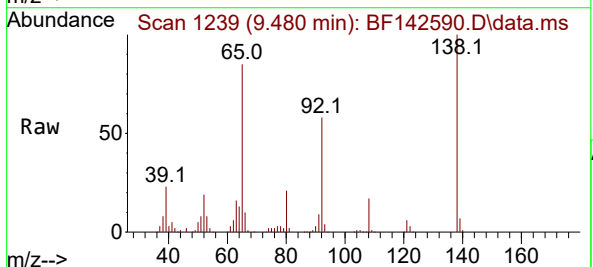
Tgt Ion: 65 Resp: 156771

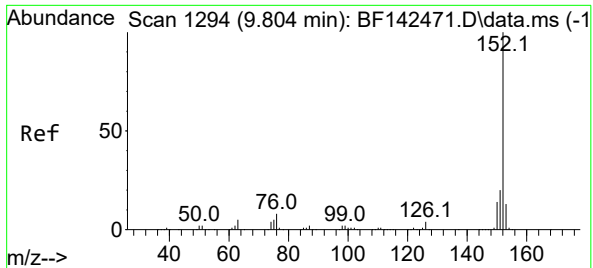
Ion Ratio Lower Upper

65 100

92 68.0 54.4 81.6

138 117.6 91.4 137.2





#49

Acenaphthylene

Concen: 37.812 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

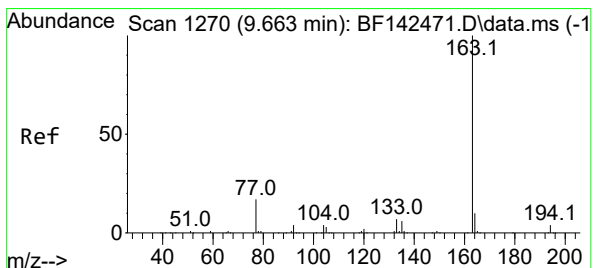
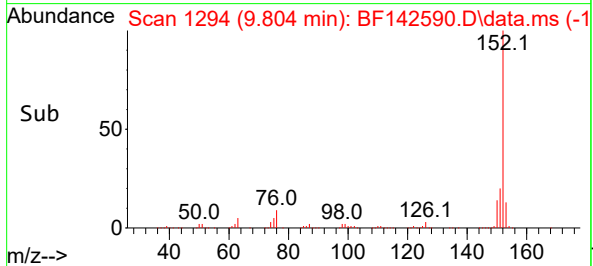
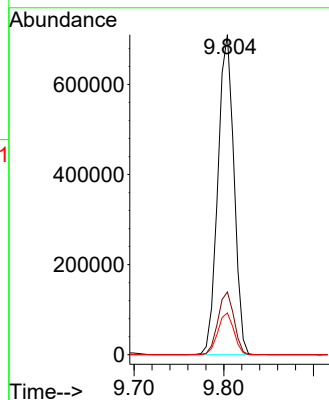
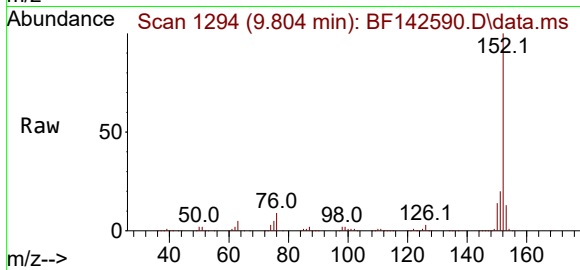
Tgt Ion:152 Resp: 883436

Ion	Ratio	Lower	Upper

152	100		

151	19.6	15.8	23.8

153	13.0	10.6	15.8



#50

Dimethylphthalate

Concen: 38.278 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

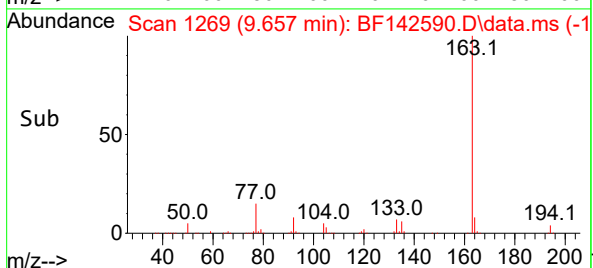
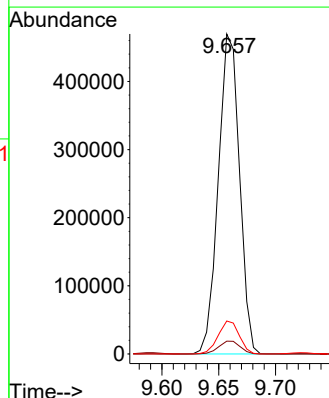
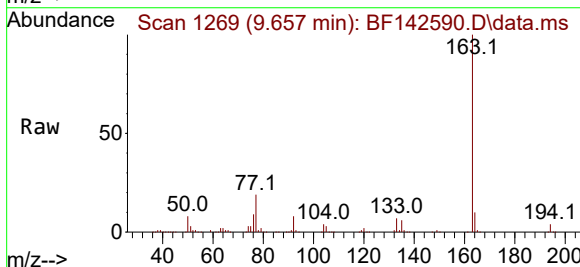
Tgt Ion:163 Resp: 609673

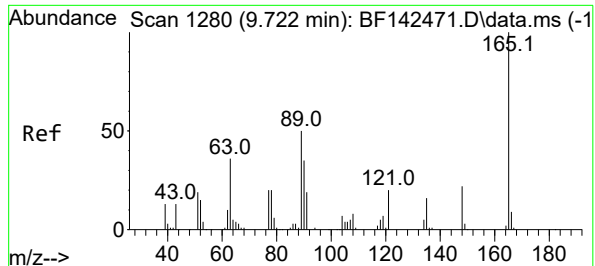
Ion	Ratio	Lower	Upper

163	100		

194	4.0	3.3	4.9

164	10.3	8.2	12.4

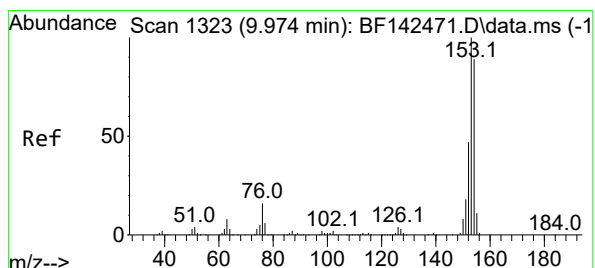
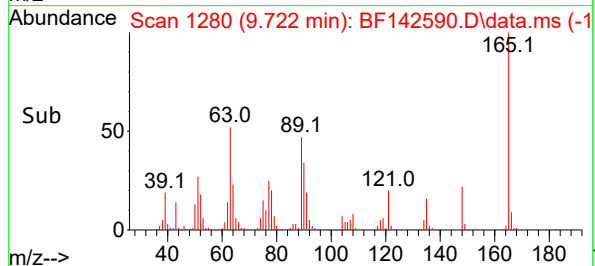
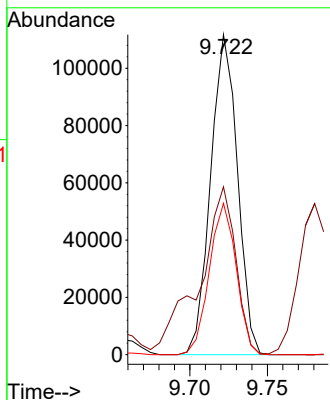
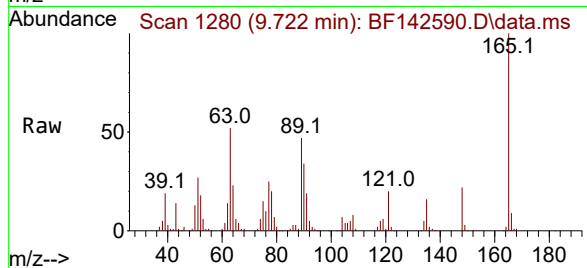




#51
2,6-Dinitrotoluene
Concen: 39.122 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

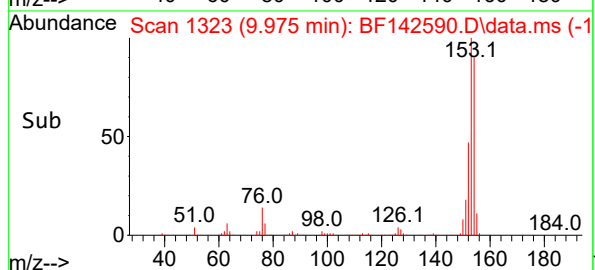
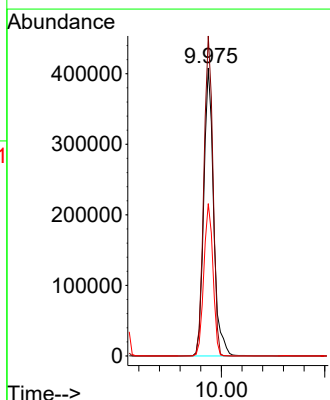
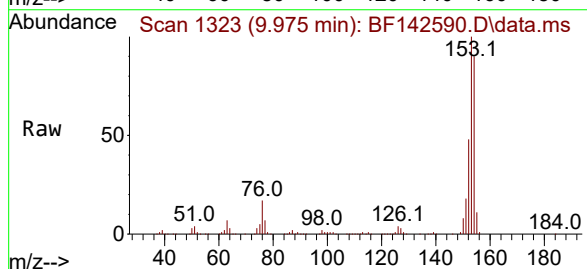
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

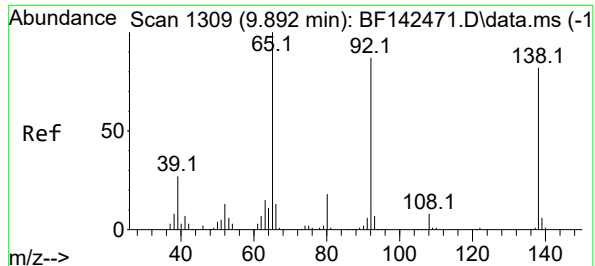
Tgt Ion:165 Resp: 134489
Ion Ratio Lower Upper
165 100
63 52.4 42.9 64.3
89 47.3 40.2 60.4



#52
Acenaphthene
Concen: 37.817 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:154 Resp: 539520
Ion Ratio Lower Upper
154 100
153 111.1 90.0 135.0
152 52.9 42.6 64.0





#53

3-Nitroaniline

Concen: 40.472 ng

RT: 9.892 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

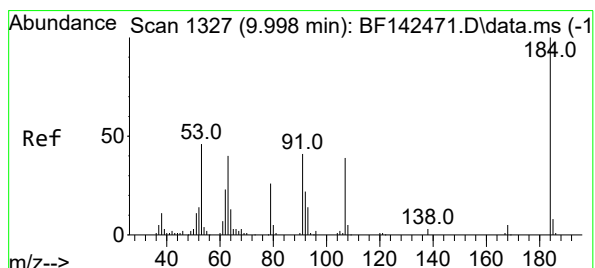
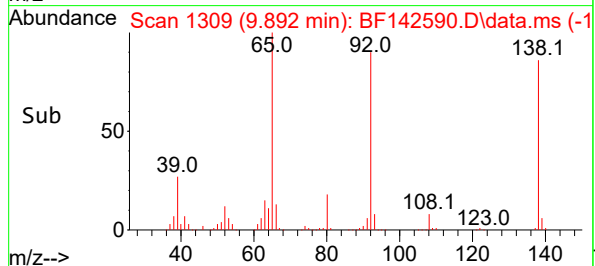
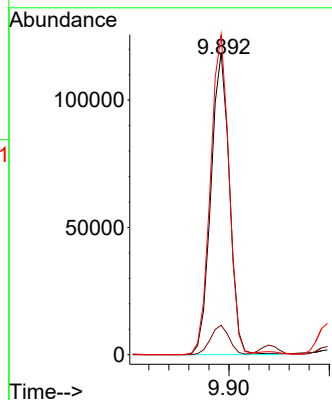
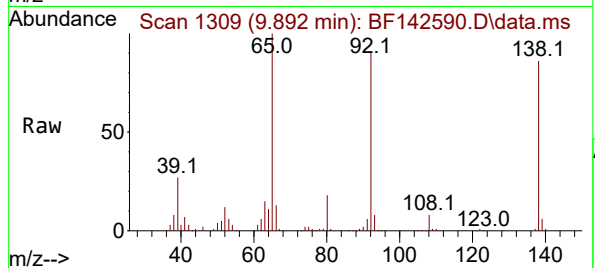
Tgt Ion:138 Resp: 151962

Ion Ratio Lower Upper

138 100

108 9.7 8.1 12.1

92 106.0 85.2 127.8



#54

2,4-Dinitrophenol

Concen: 38.796 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

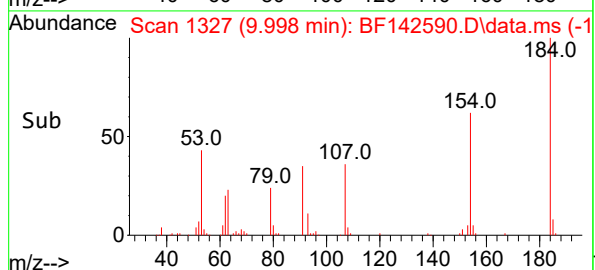
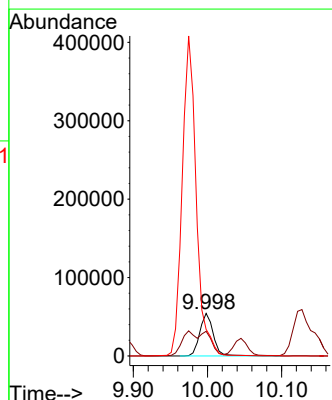
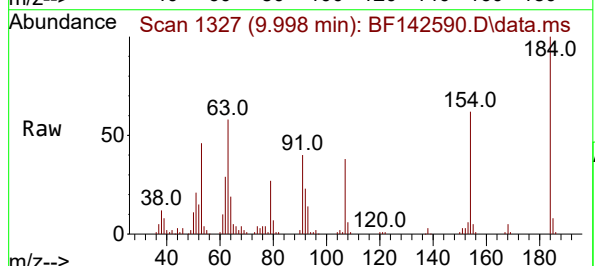
Tgt Ion:184 Resp: 68903

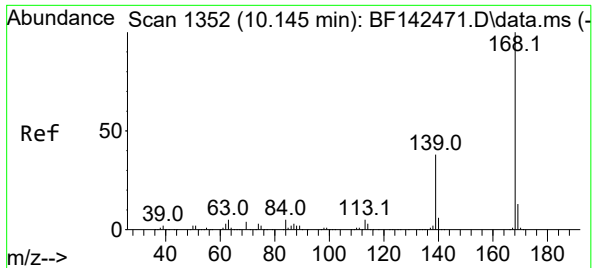
Ion Ratio Lower Upper

184 100

63 57.9 46.3 69.5

154 62.3 56.8 85.2





#55

Dibenzofuran

Concen: 37.777 ng

RT: 10.145 min Scan# 1352

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

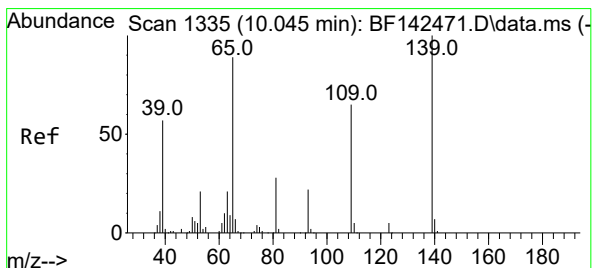
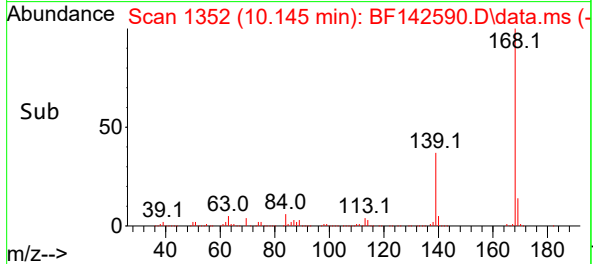
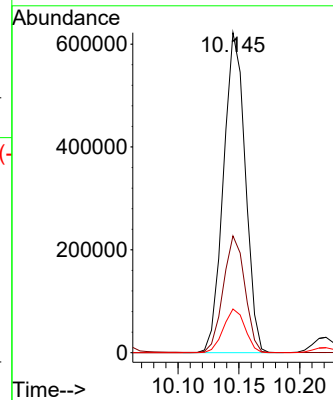
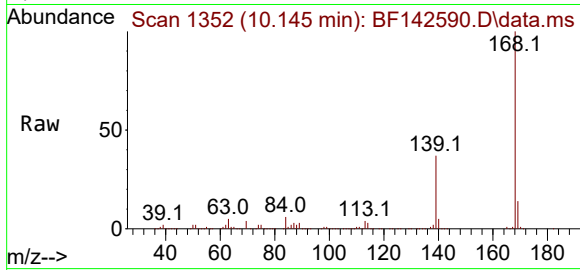
Tgt Ion:168 Resp: 775550

Ion Ratio Lower Upper

168 100

139 36.5 30.2 45.2

169 13.7 10.7 16.1



#56

4-Nitrophenol

Concen: 39.507 ng

RT: 10.045 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

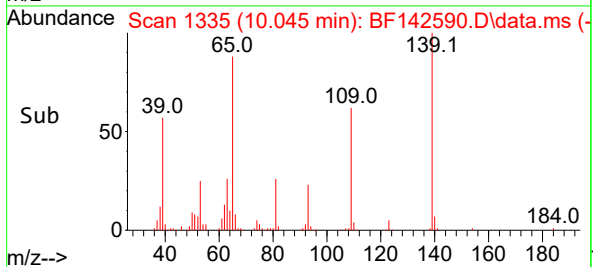
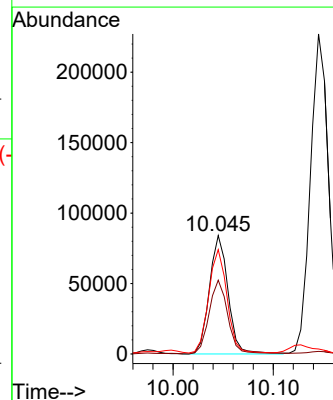
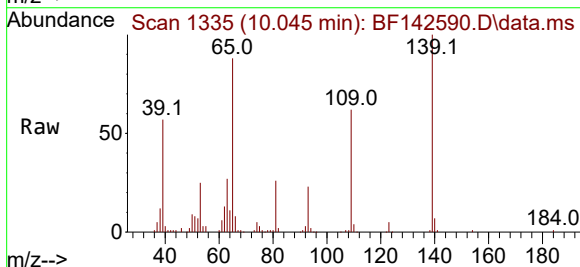
Tgt Ion:139 Resp: 109452

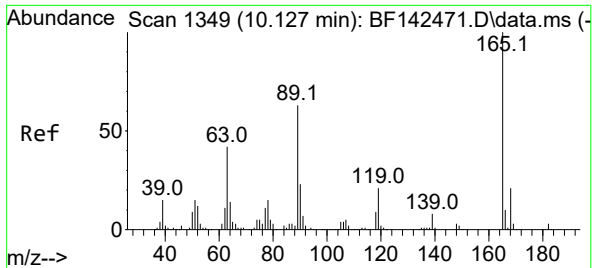
Ion Ratio Lower Upper

139 100

109 62.3 45.1 85.1

65 88.1 69.7 109.7





#57

2,4-Dinitrotoluene

Concen: 40.236 ng

RT: 10.128 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142590.D

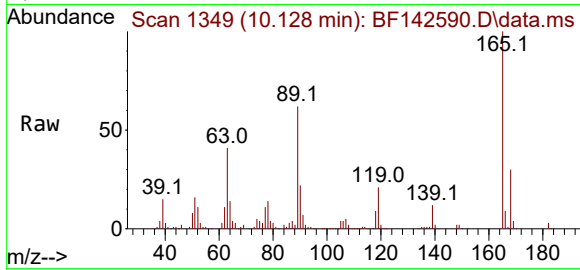
Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:165 Resp: 180640

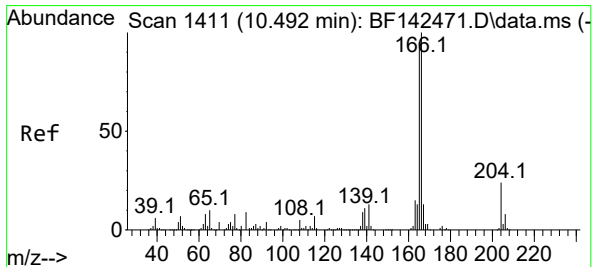
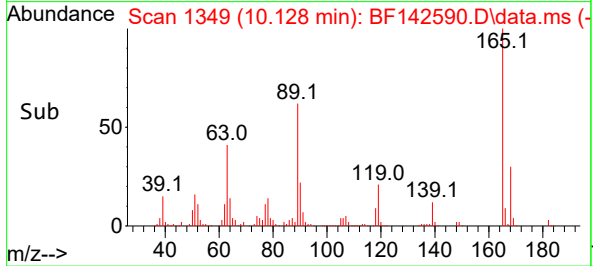
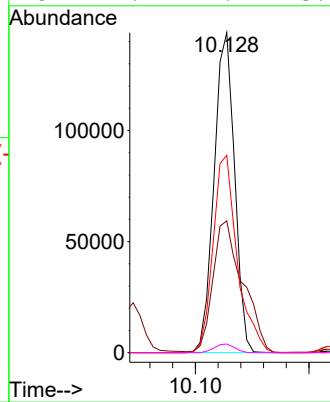
Ion Ratio Lower Upper

165 100

63 41.2 33.6 50.4

89 61.7 50.2 75.4

182 2.7 2.2 3.4



#58

Fluorene

Concen: 38.259 ng

RT: 10.492 min Scan# 1411

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

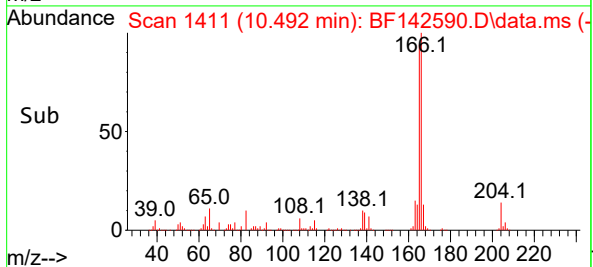
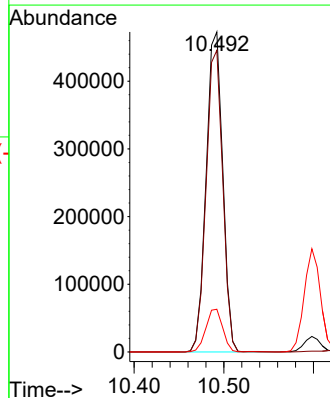
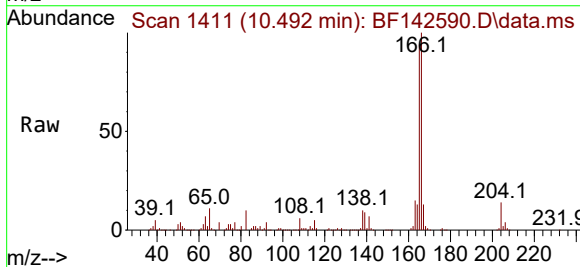
Tgt Ion:166 Resp: 606801

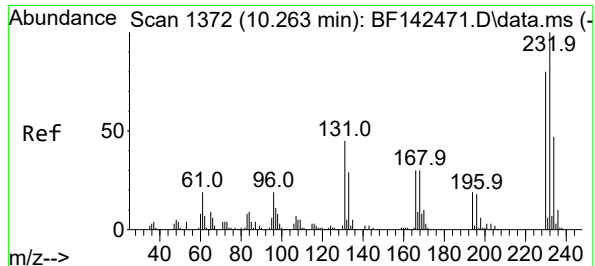
Ion Ratio Lower Upper

166 100

165 94.2 75.8 113.8

167 13.3 10.6 16.0

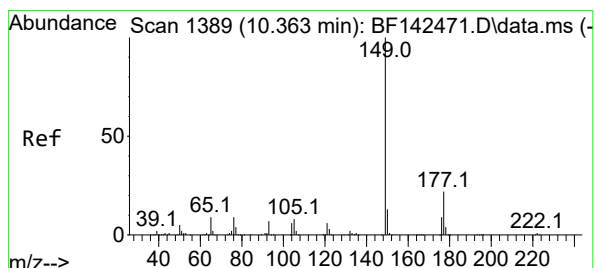
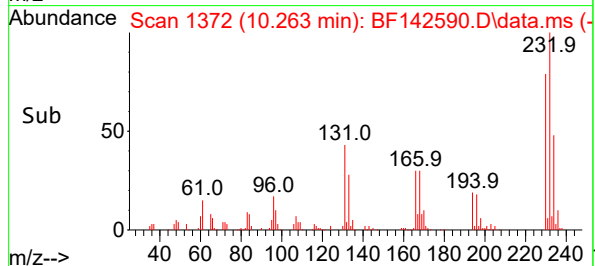
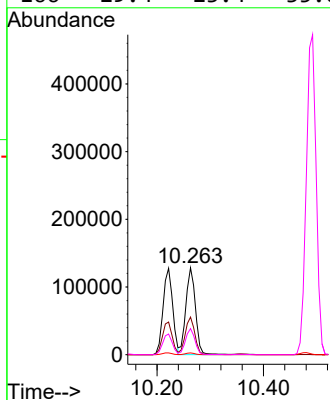
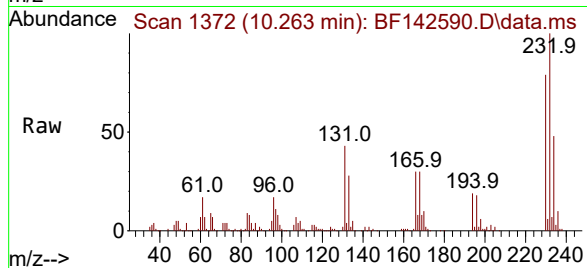




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.192 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

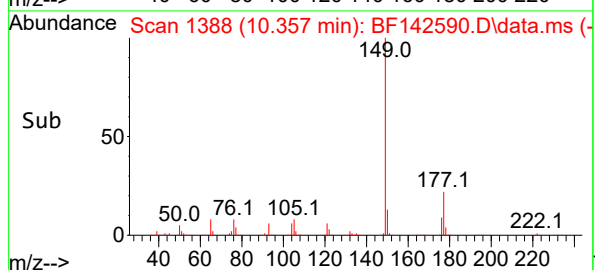
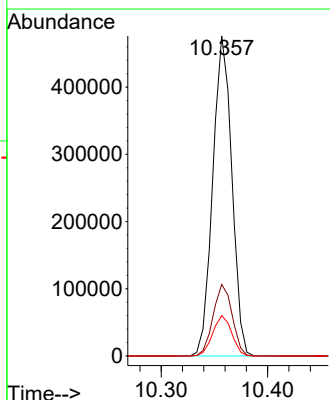
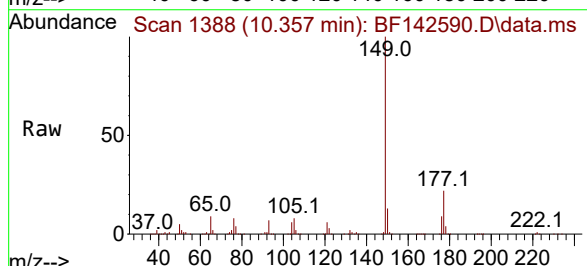
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

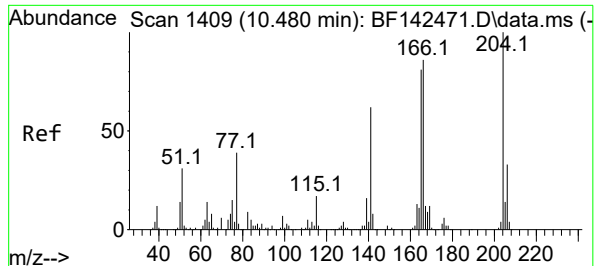
Tgt Ion:232 Resp: 161231
Ion Ratio Lower Upper
232 100
131 43.1 35.2 52.8
130 2.0 1.7 2.5
166 29.4 23.4 35.0



#60
Diethylphthalate
Concen: 38.041 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:149 Resp: 591746
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.6 10.1 15.1

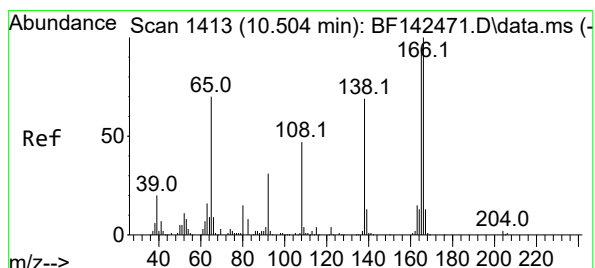
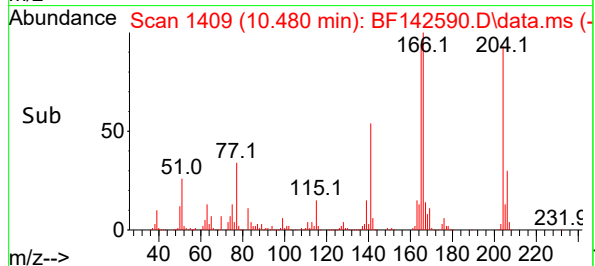
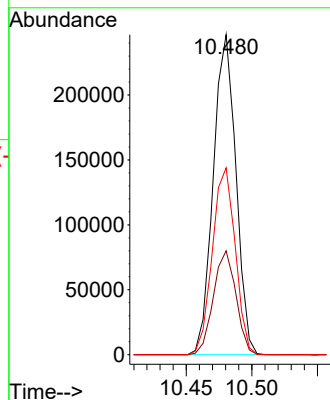
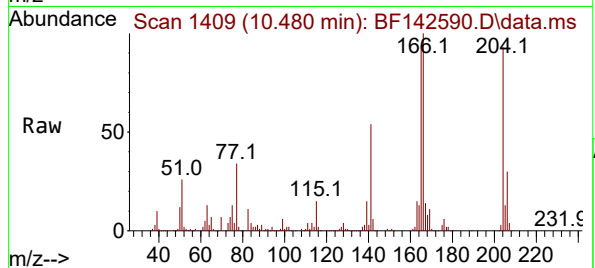




#61
4-Chlorophenyl-phenylether
Concen: 37.917 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

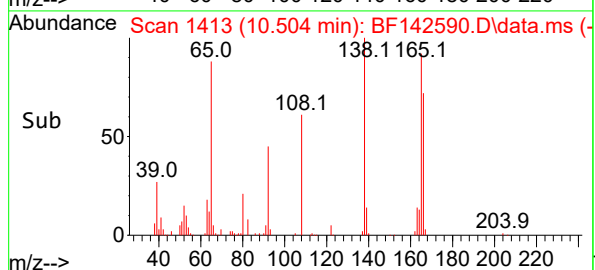
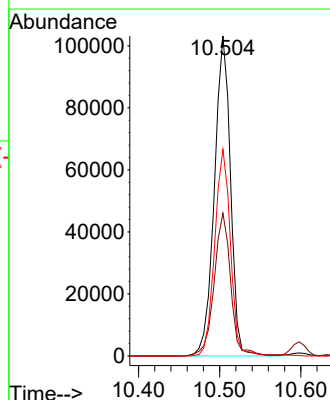
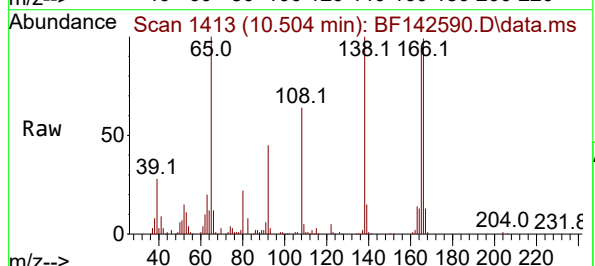
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

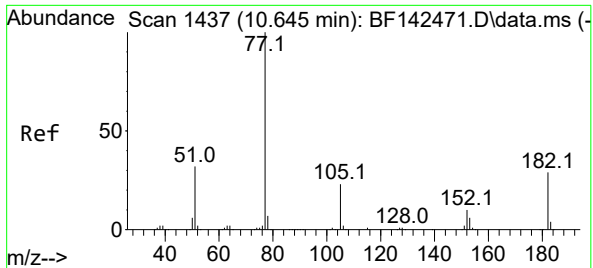
Tgt Ion:204 Resp: 295424
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 58.4 49.5 74.3



#62
4-Nitroaniline
Concen: 41.888 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:138 Resp: 142644
Ion Ratio Lower Upper
138 100
92 44.6 26.0 66.0
108 64.5 48.4 88.4

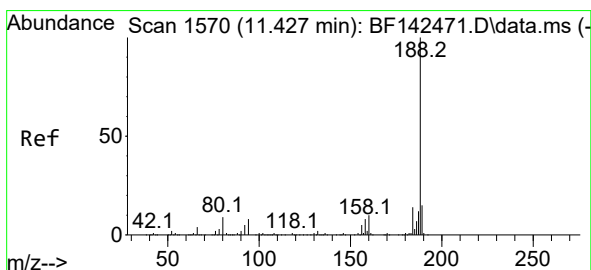
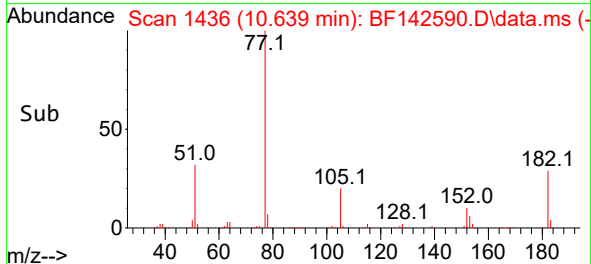
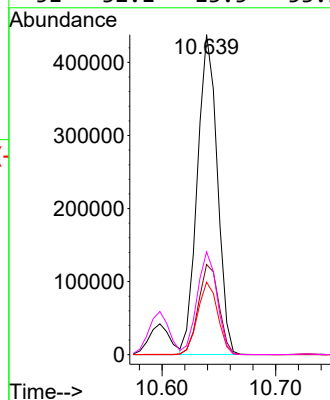
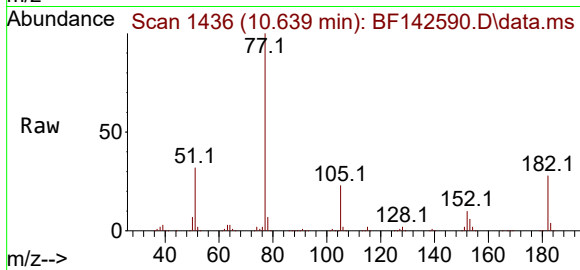




#63
Azobenzene
Concen: 38.258 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

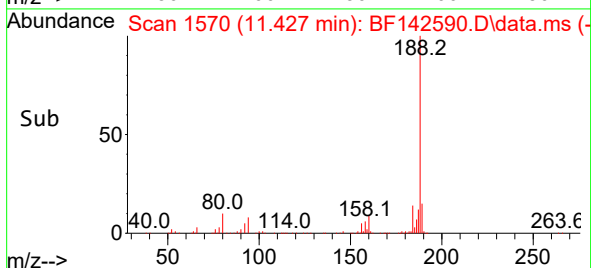
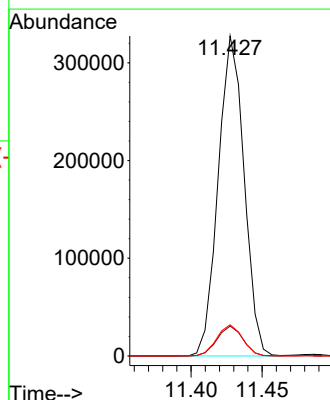
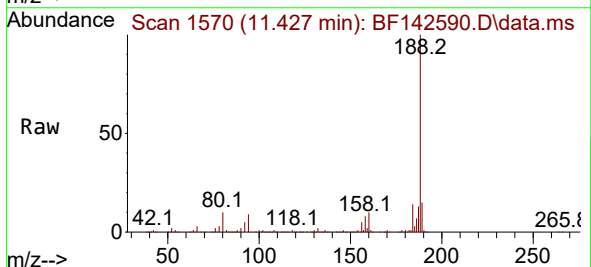
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

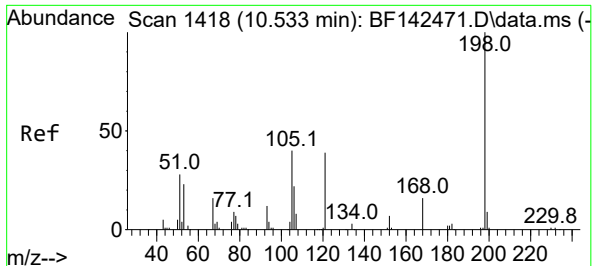
Tgt Ion: 77 Resp: 534537
Ion Ratio Lower Upper
77 100
182 28.2 9.0 49.0
105 22.6 2.4 42.4
51 32.1 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:188 Resp: 415282
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 9.8 7.4 11.0

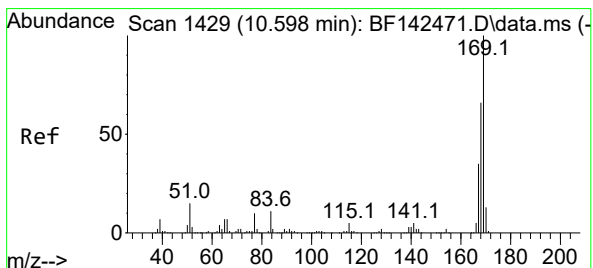
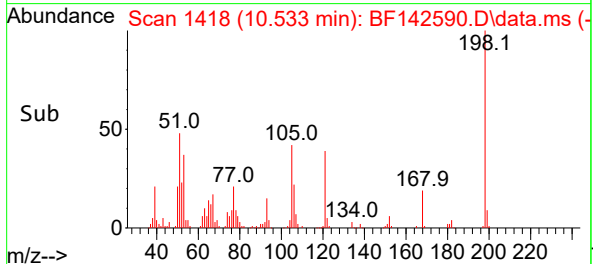
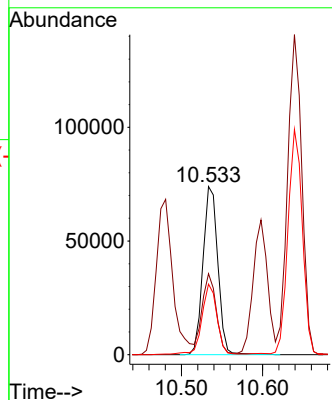
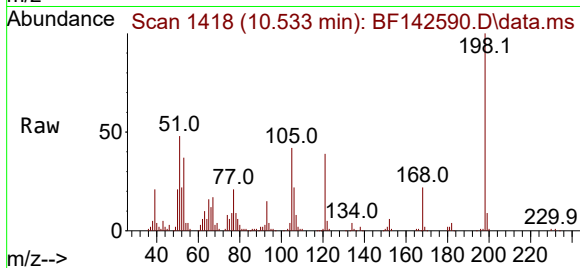




#65
4,6-Dinitro-2-methylphenol
Concen: 40.568 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

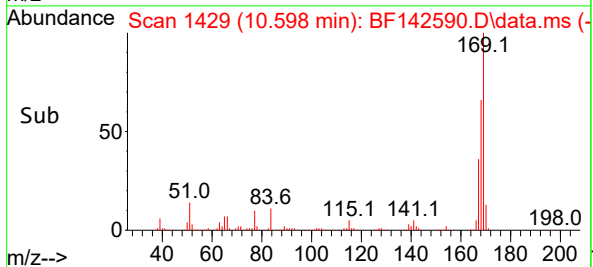
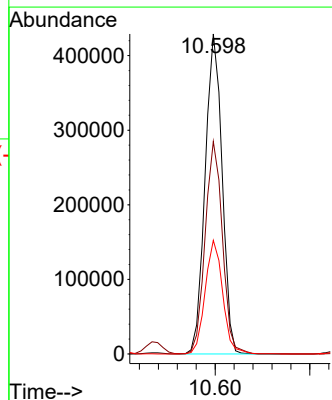
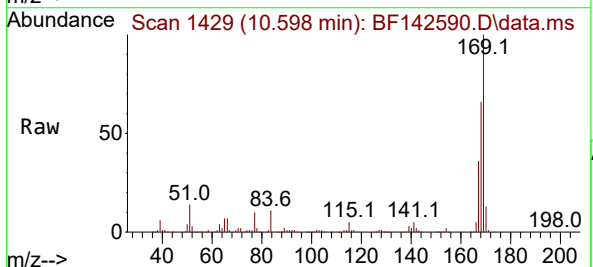
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

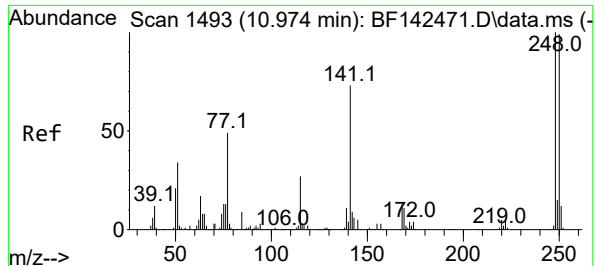
Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.1	28.3	68.3
105	42.0	21.3	61.3



#66
n-Nitrosodiphenylamine
Concen: 37.472 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.7	79.1
167	35.5	28.3	42.5

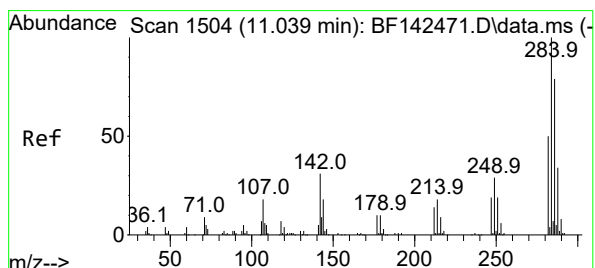
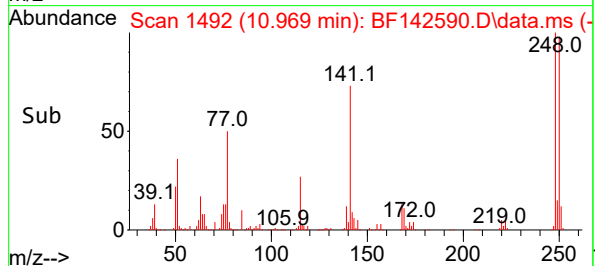
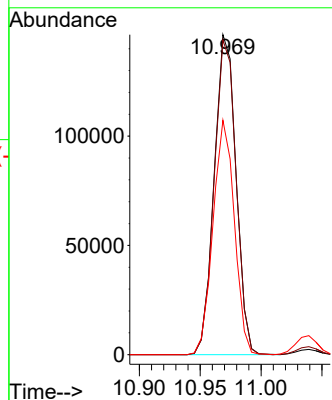
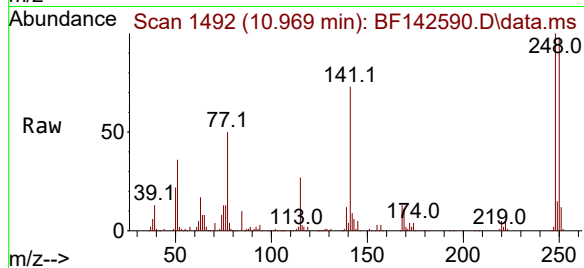




#67
4-Bromophenyl-phenylether
Concen: 37.161 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

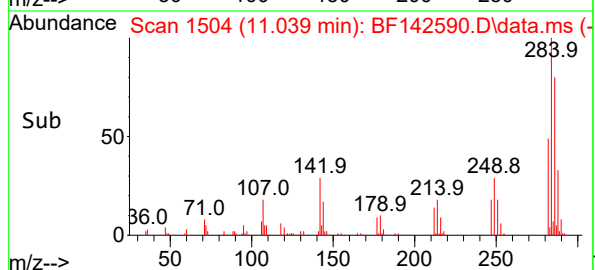
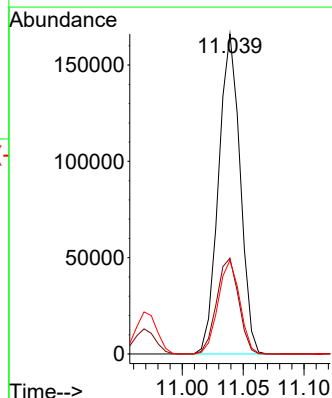
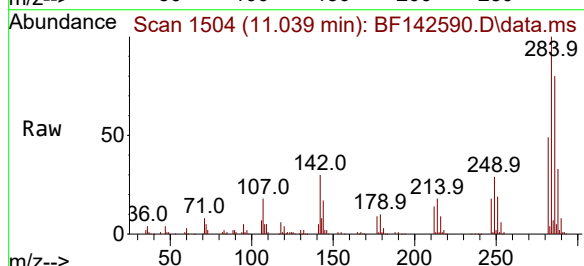
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

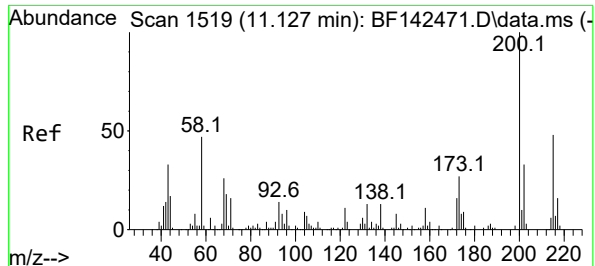
Tgt Ion:248 Resp: 182475
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.4
141 73.3 58.4 87.6



#68
Hexachlorobenzene
Concen: 37.610 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:284 Resp: 204259
Ion Ratio Lower Upper
284 100
142 29.9 24.8 37.2
249 29.3 23.6 35.4





#69

Atrazine

Concen: 40.515 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

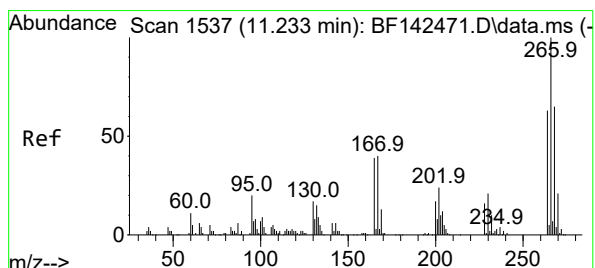
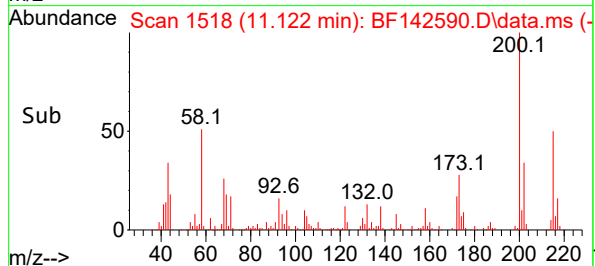
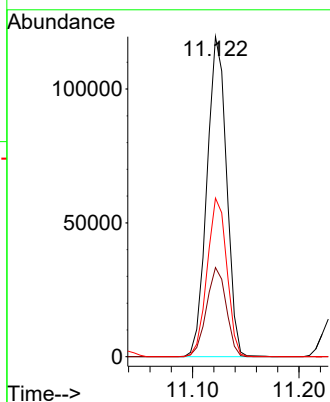
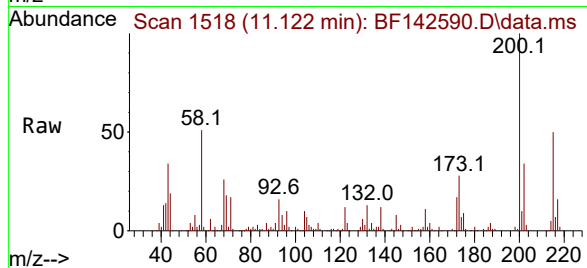
Tgt Ion:200 Resp: 152871

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 49.5 28.5 68.5



#70

Pentachlorophenol

Concen: 37.694 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

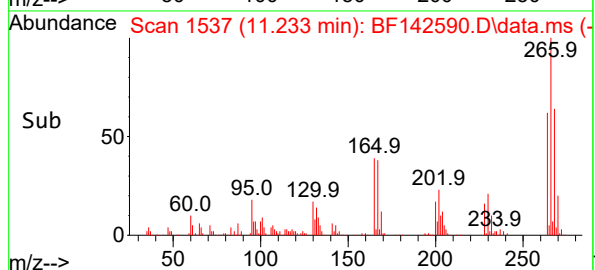
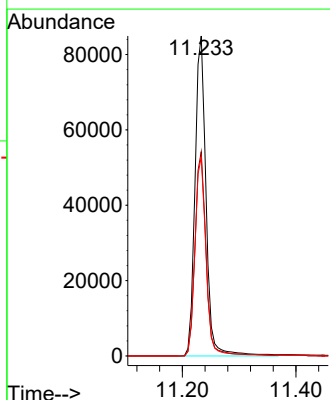
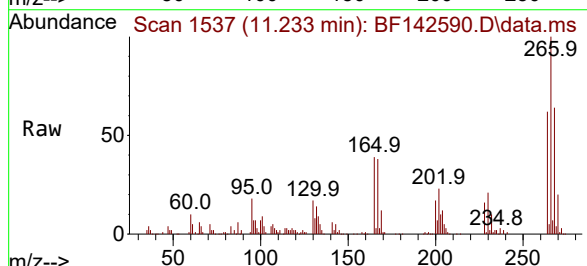
Tgt Ion:266 Resp: 115580

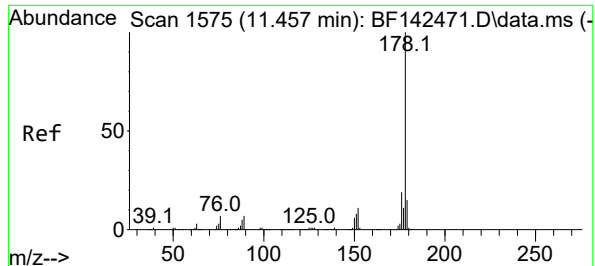
Ion Ratio Lower Upper

266 100

268 63.8 51.7 77.5

264 62.1 50.4 75.6





#71

Phenanthrene

Concen: 38.019 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

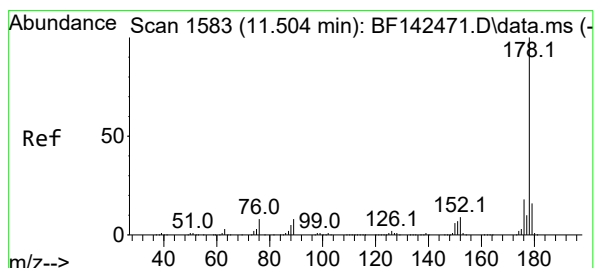
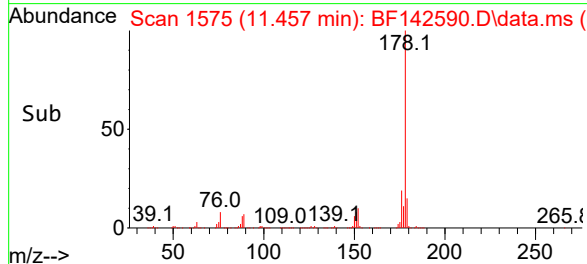
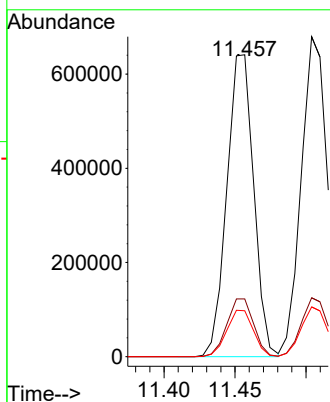
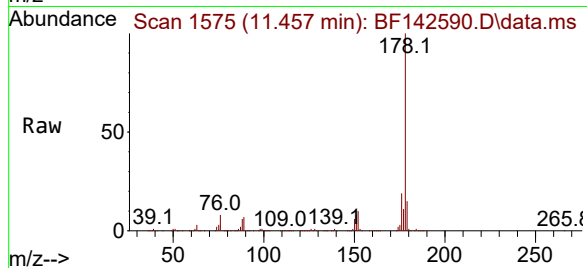
Tgt Ion:178 Resp: 843782

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.2 12.3 18.5



#72

Anthracene

Concen: 38.324 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

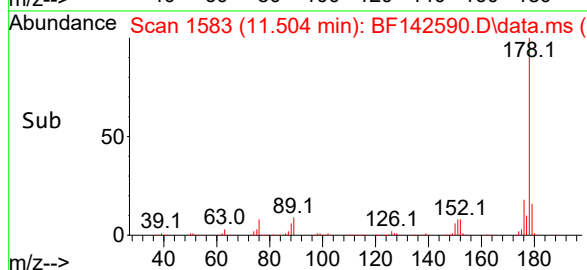
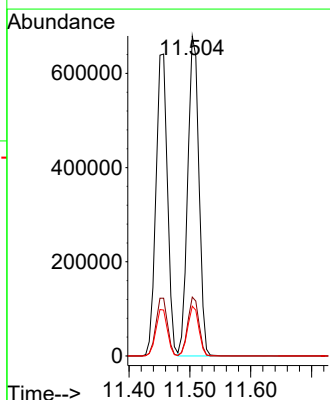
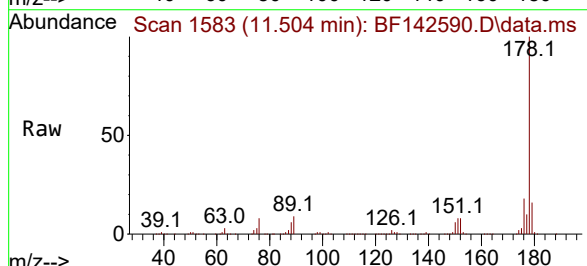
Tgt Ion:178 Resp: 868050

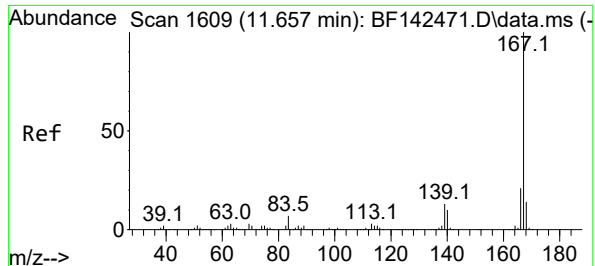
Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

179 15.5 12.4 18.6





#73

Carbazole

Concen: 39.382 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

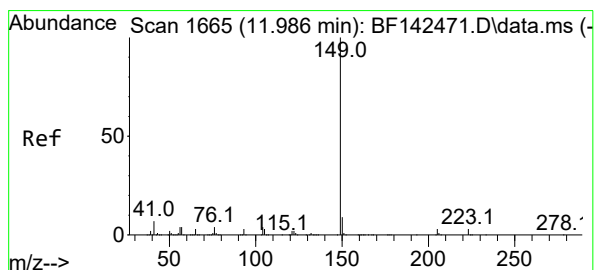
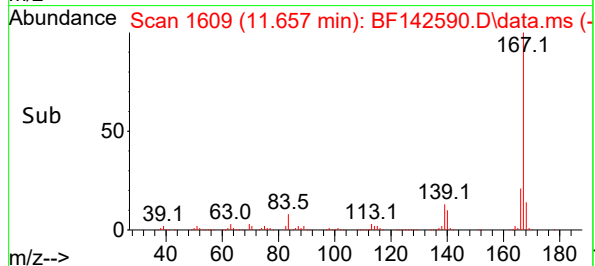
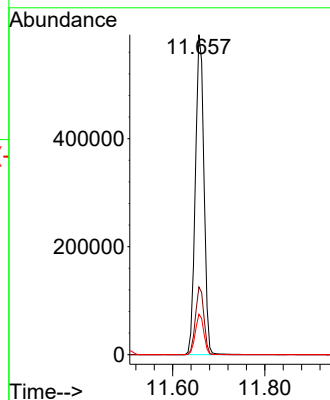
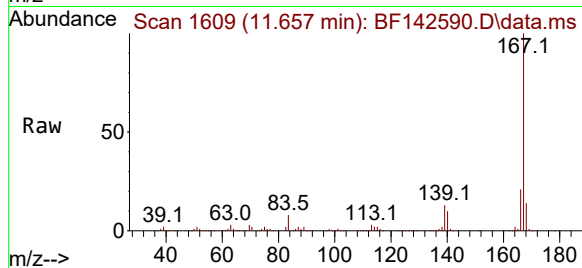
Tgt Ion:167 Resp: 762565

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 12.6 10.2 15.4



#74

Di-n-butylphthalate

Concen: 39.894 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

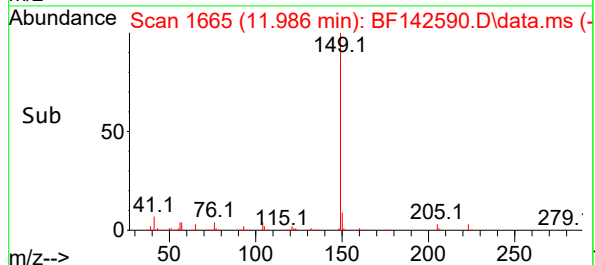
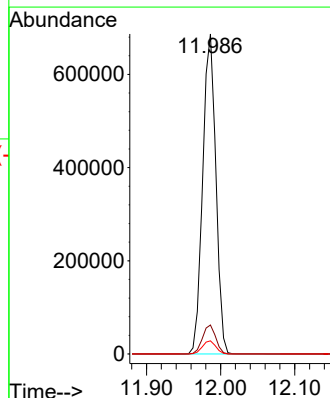
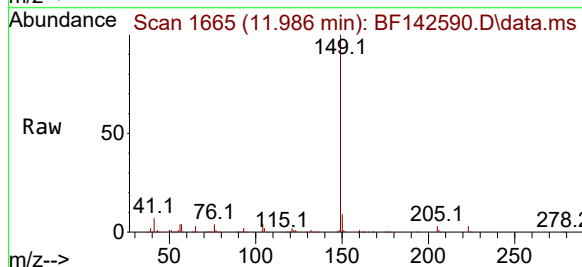
Tgt Ion:149 Resp: 845566

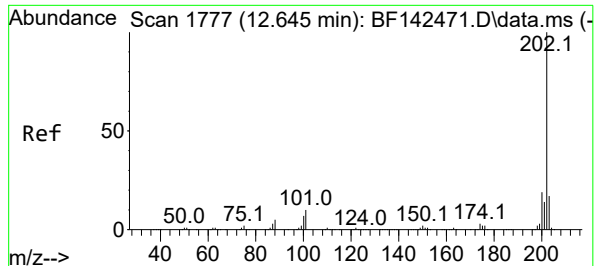
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.1 3.6 5.4

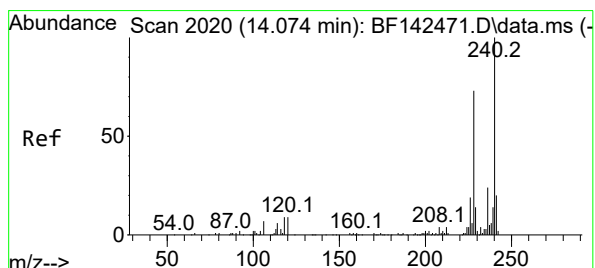
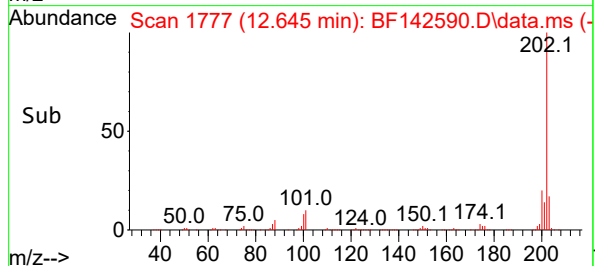
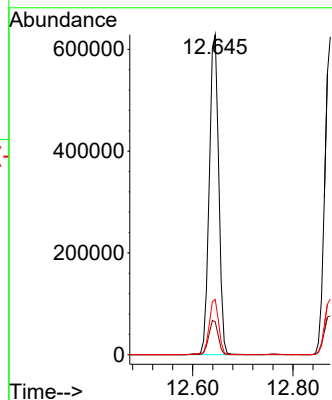
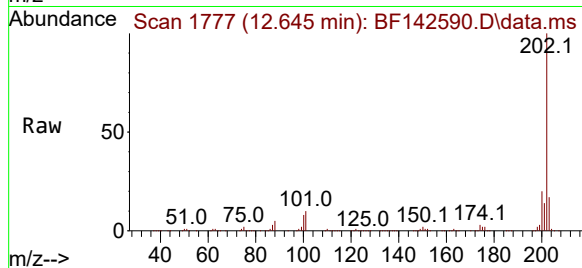




#75
Fluoranthene
Concen: 39.672 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

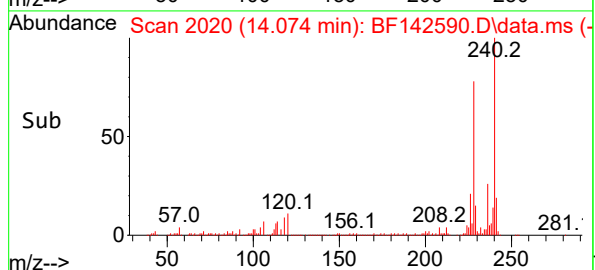
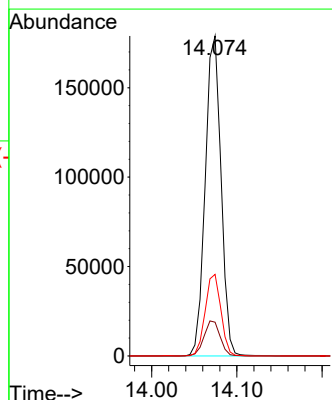
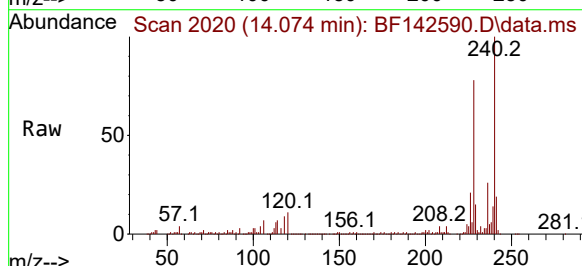
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

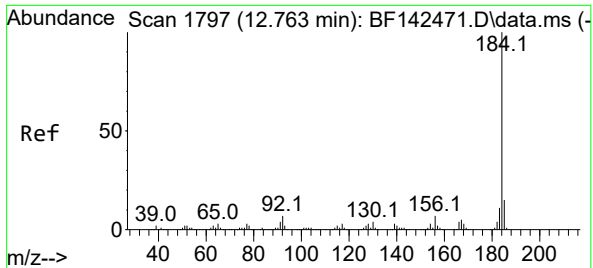
Tgt Ion:202 Resp: 822707
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.6
203 17.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:240 Resp: 230387
Ion Ratio Lower Upper
240 100
120 10.6 7.5 11.3
236 25.5 19.6 29.4





#77

Benzidine

Concen: 43.479 ng

RT: 12.763 min Scan# 1797

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

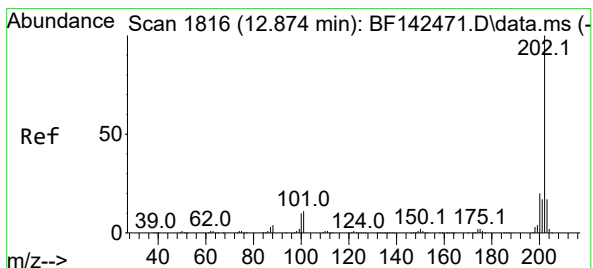
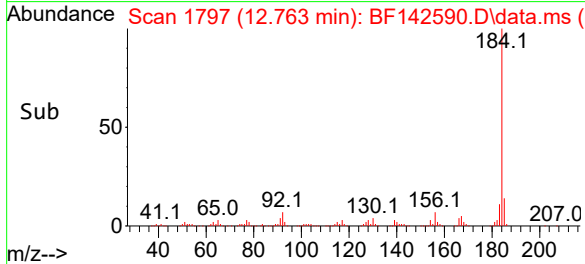
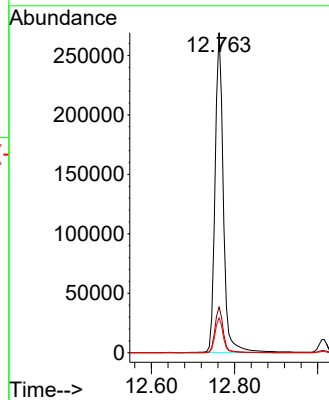
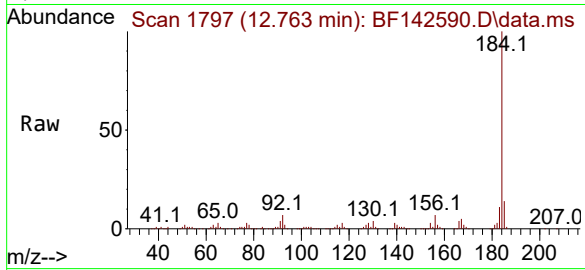
Tgt Ion:184 Resp: 372760

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 10.8 9.0 13.4



#78

Pyrene

Concen: 37.740 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

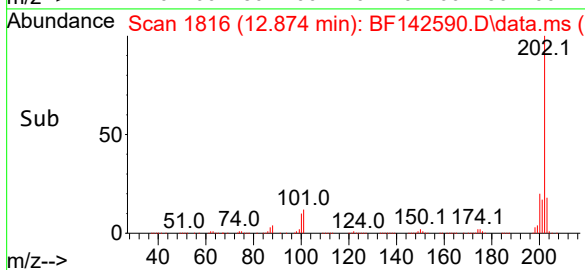
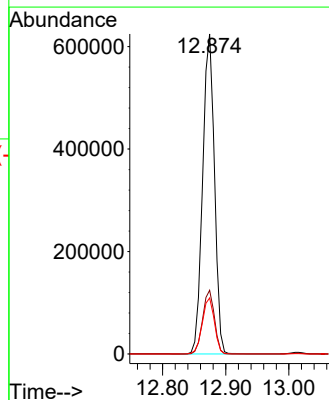
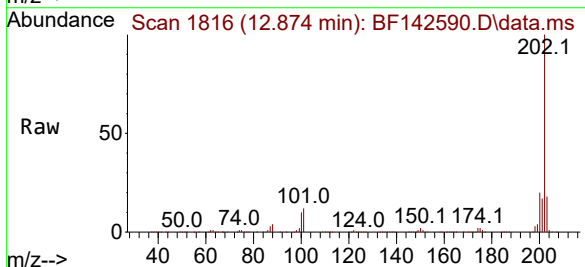
Tgt Ion:202 Resp: 811108

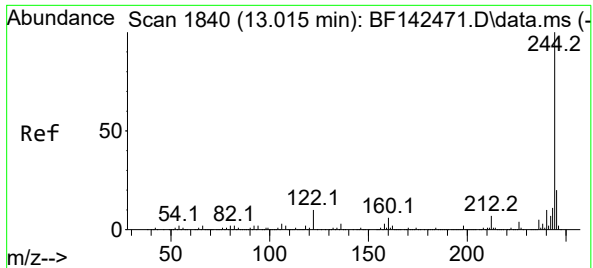
Ion Ratio Lower Upper

202 100

200 19.9 16.1 24.1

203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 72.512 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

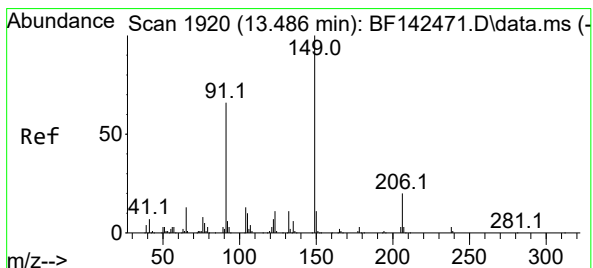
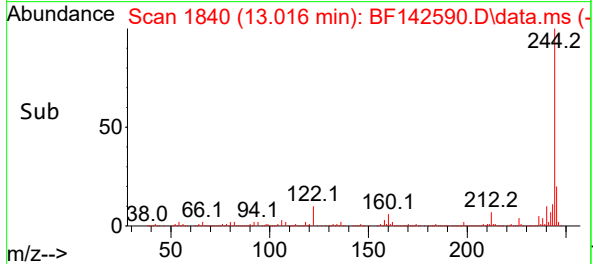
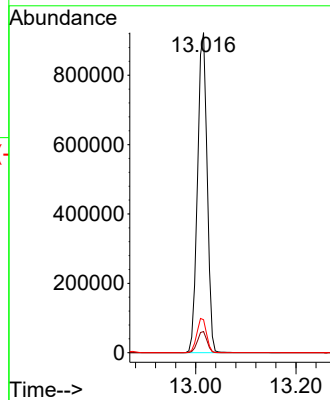
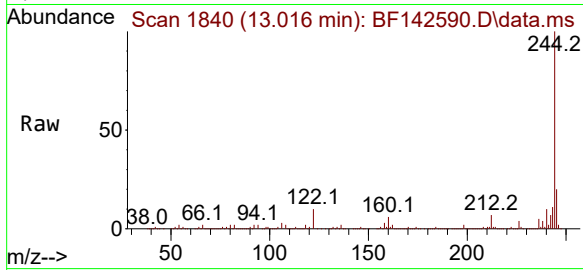
Tgt Ion:244 Resp: 1222487

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 10.3 8.2 12.2



#80

Butylbenzylphthalate

Concen: 42.340 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

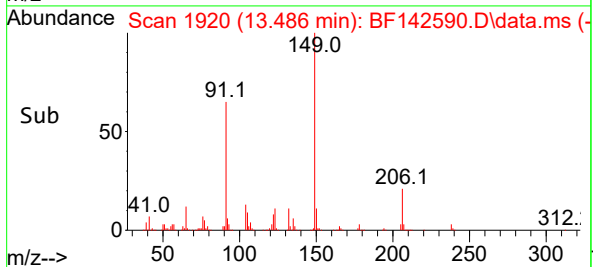
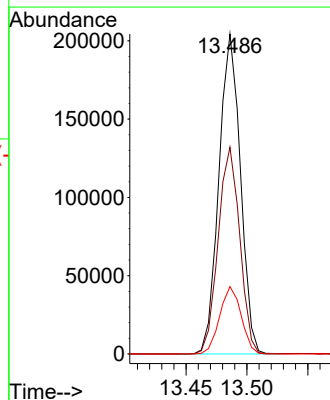
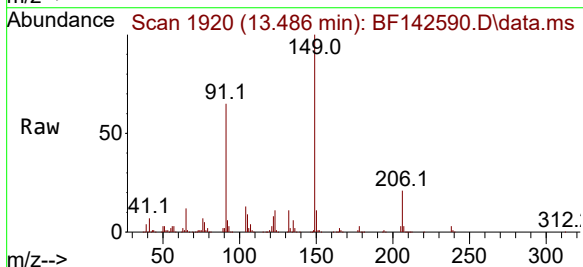
Tgt Ion:149 Resp: 251441

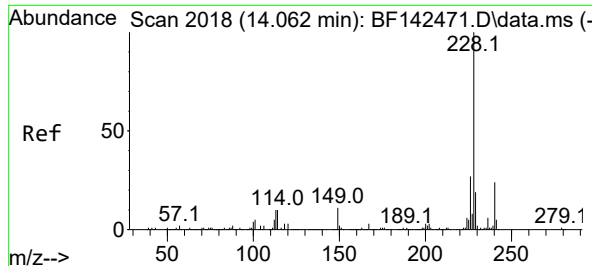
Ion Ratio Lower Upper

149 100

91 64.6 52.9 79.3

206 21.0 16.2 24.2

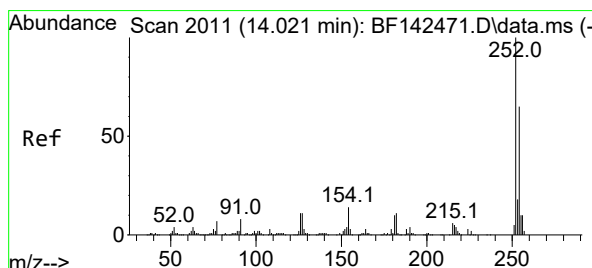
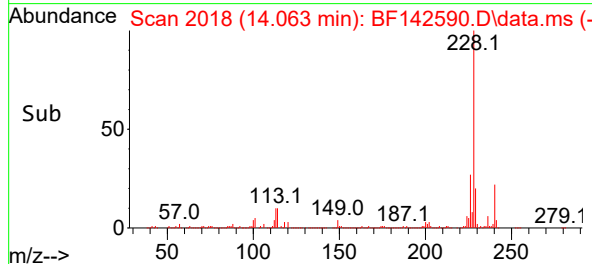
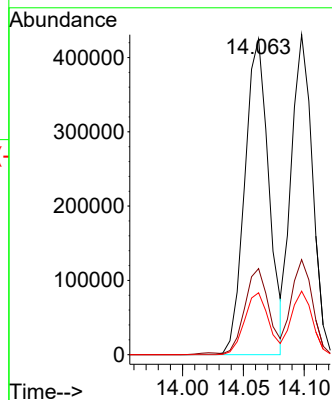
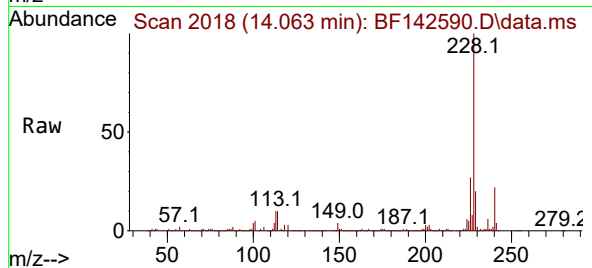




#81
Benzo(a)anthracene
Concen: 38.094 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

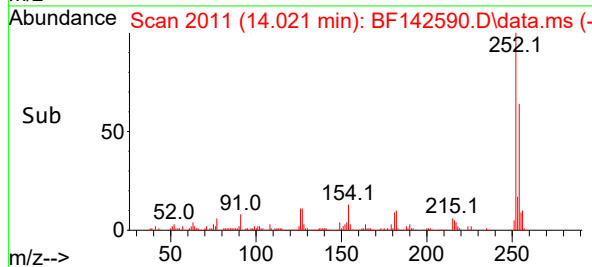
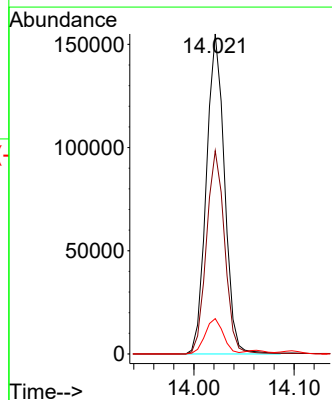
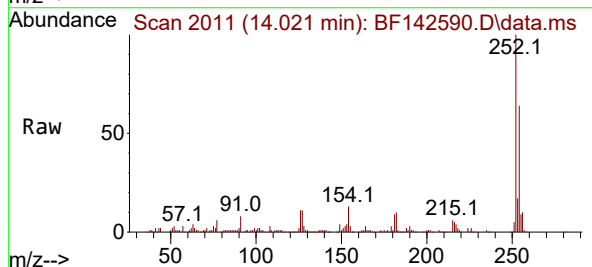
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

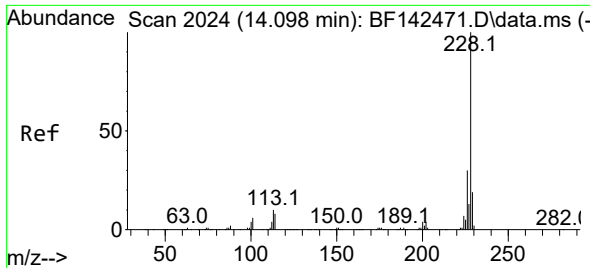
Tgt Ion:228 Resp: 586045
Ion Ratio Lower Upper
228 100
226 27.3 21.2 31.8
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 41.922 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:252 Resp: 195614
Ion Ratio Lower Upper
252 100
254 63.5 52.0 78.0
126 11.1 8.9 13.3





#83

Chrysene

Concen: 37.850 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

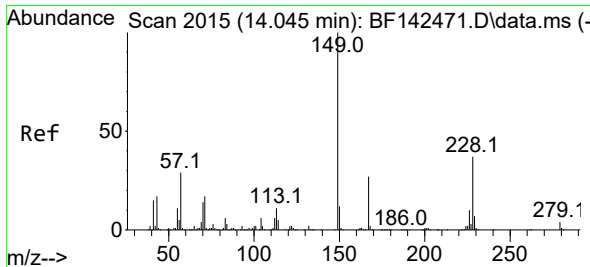
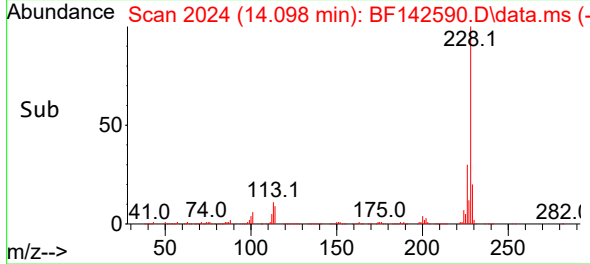
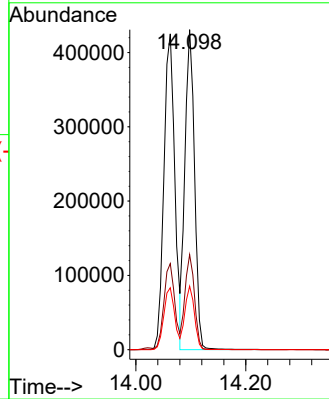
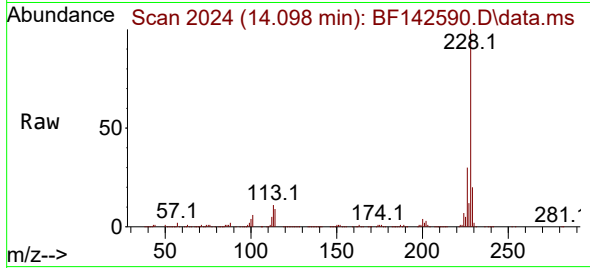
Tgt Ion:228 Resp: 523222

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.067 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

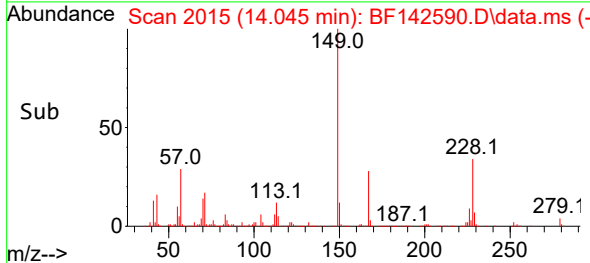
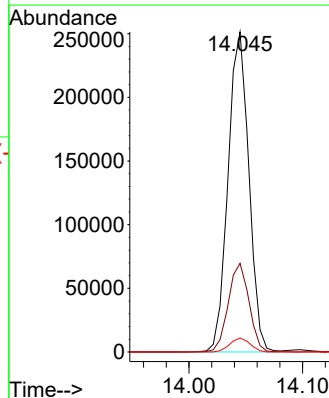
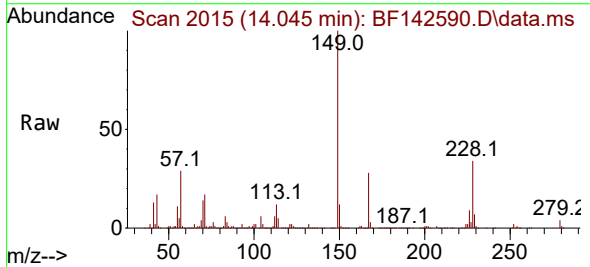
Tgt Ion:149 Resp: 319802

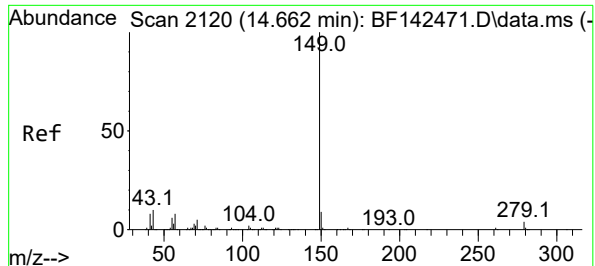
Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

279 4.3 3.2 4.8

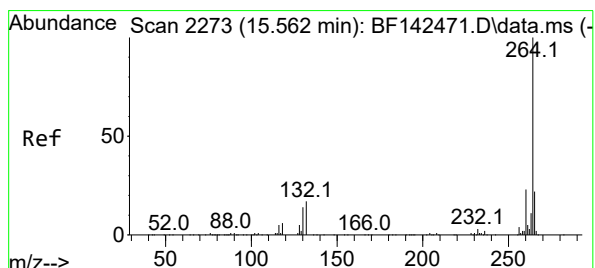
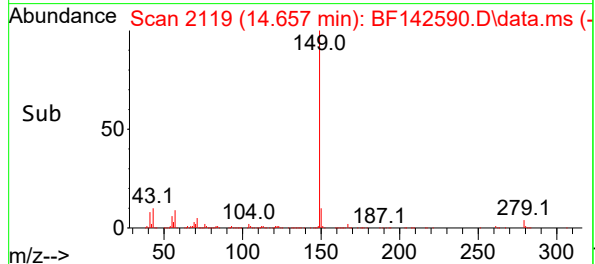
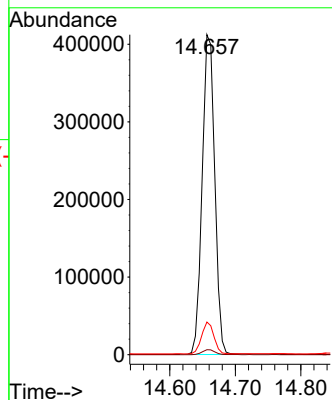
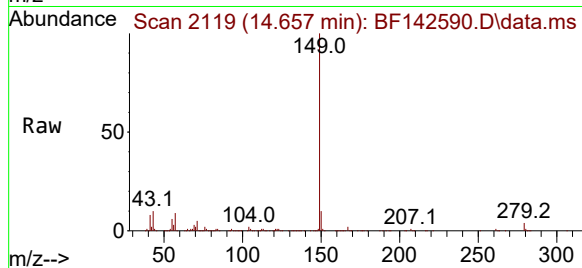




#85
Di-n-octyl phthalate
Concen: 37.041 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

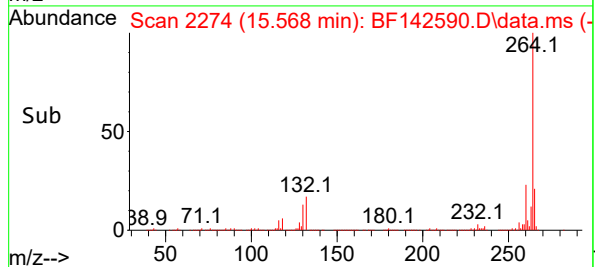
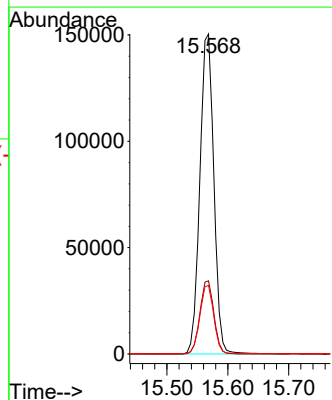
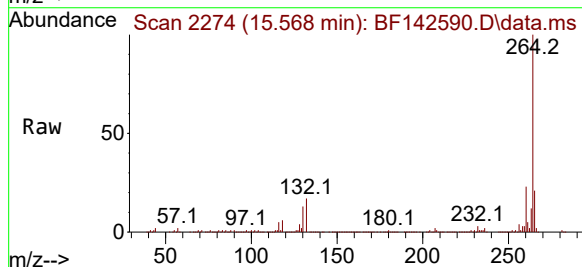
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

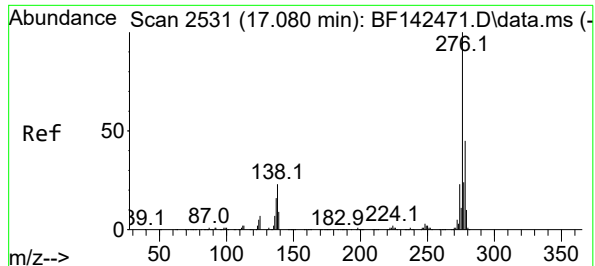
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	7.9	11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.4	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.435 ng

RT: 17.086 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

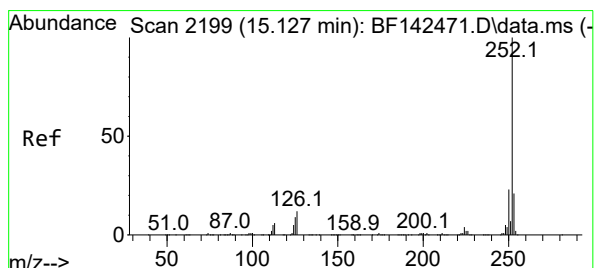
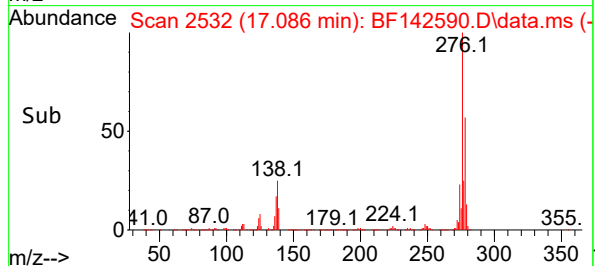
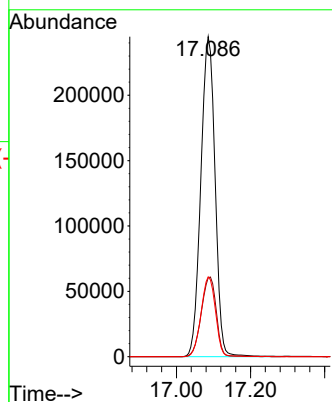
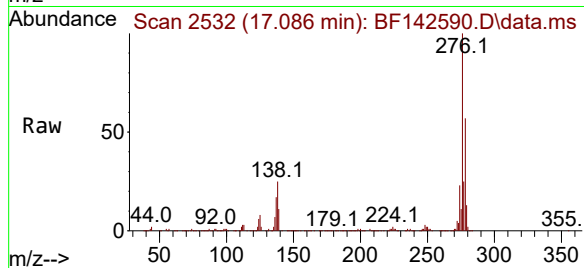
Tgt Ion:276 Resp: 653334

Ion Ratio Lower Upper

276 100

138 26.2 19.9 29.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.041 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

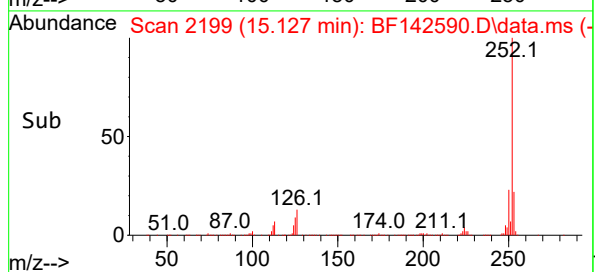
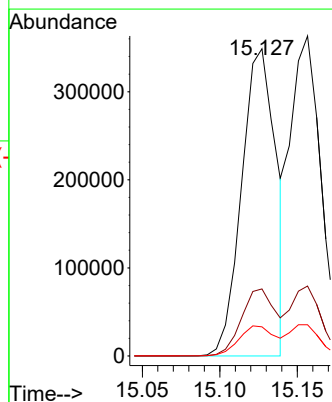
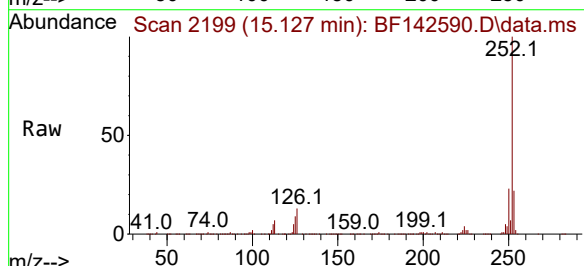
Tgt Ion:252 Resp: 537758

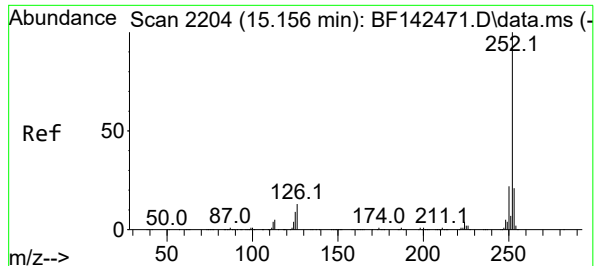
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 37.472 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

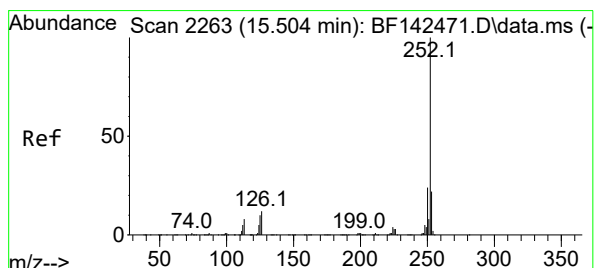
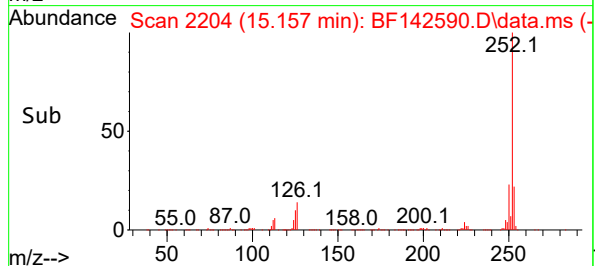
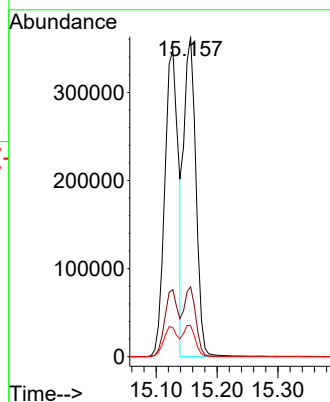
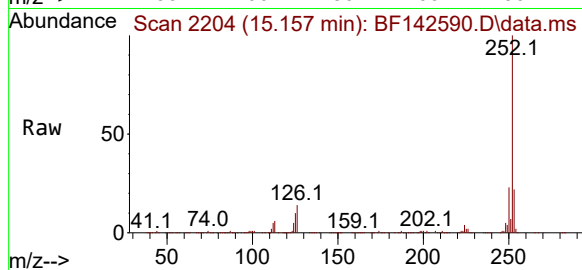
Tgt Ion:252 Resp: 496143

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 9.8 7.3 10.9



#90

Benzo(a)pyrene

Concen: 38.390 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

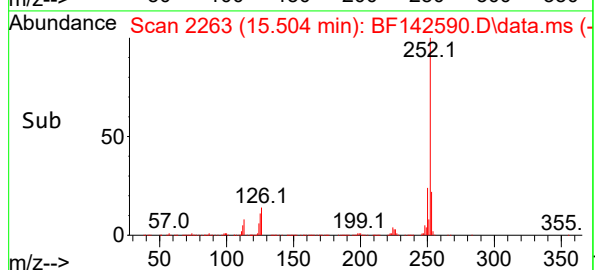
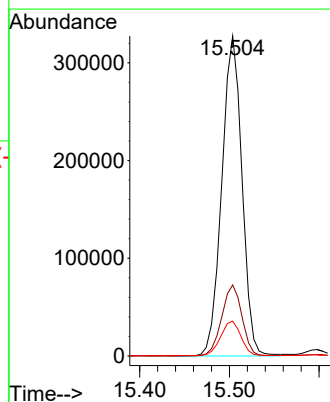
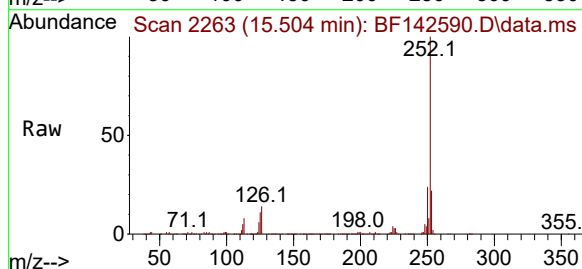
Tgt Ion:252 Resp: 511548

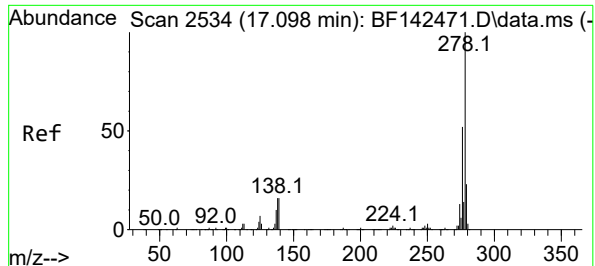
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.9 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 36.987 ng

RT: 17.104 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

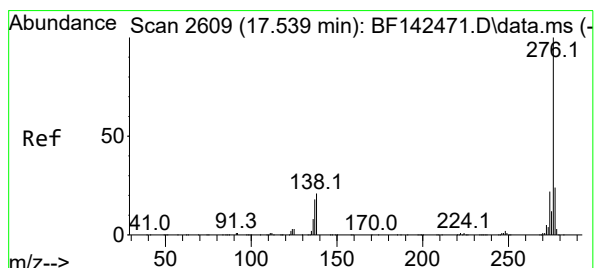
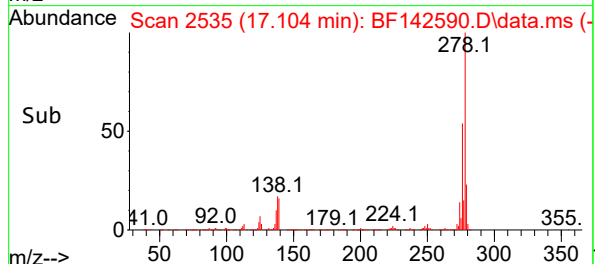
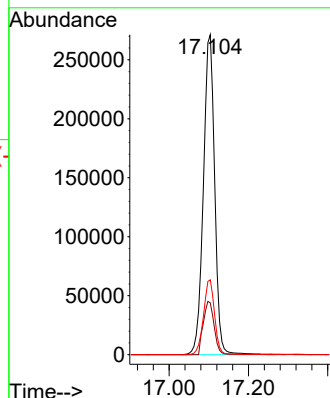
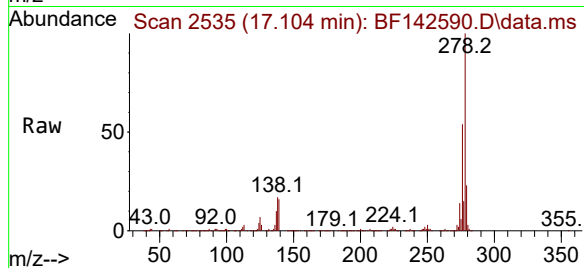
Tgt Ion:278 Resp: 537907

Ion Ratio Lower Upper

278 100

139 16.2 12.8 19.2

279 23.4 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 36.304 ng

RT: 17.545 min Scan# 2610

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

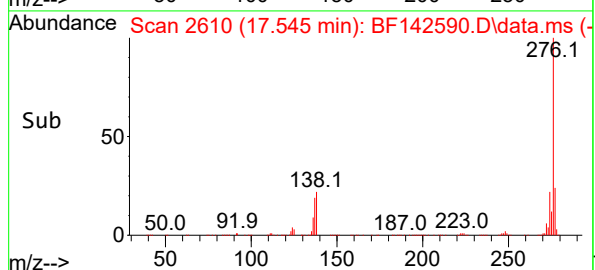
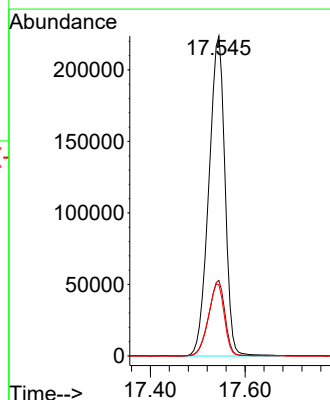
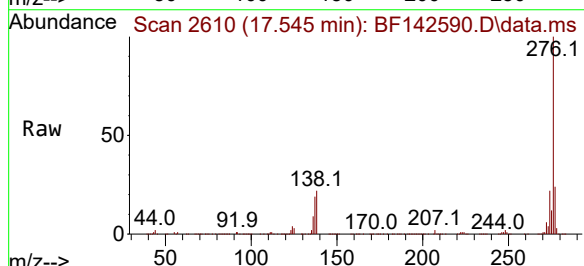
Tgt Ion:276 Resp: 528096

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 22.3 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142590.D
 Acq On : 02 Jun 2025 11:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 02 11:53:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
2	1,4-Dioxane	0.475	0.464	2.3	117	0.00
3	Pyridine	1.210	1.210	0.0	120	0.00
4	n-Nitrosodimethylamine	0.628	0.595	5.3	111	-0.02
5 S	2-Fluorophenol	1.187	1.153	2.9	118	0.00
6	Aniline	1.921	1.892	1.5	119	0.00
7 S	Phenol-d6	1.429	1.385	3.1	117	-0.01
8	2-Chlorophenol	1.293	1.260	2.6	116	0.00
9	Benzaldehyde	0.859	0.802	6.6	114	0.00
10 C	Phenol	1.608	1.558	3.1	118	-0.01
11	bis(2-Chloroethyl)ether	1.157	1.124	2.9	117	0.00
12	1,3-Dichlorobenzene	1.443	1.385	4.0	115	0.00
13 C	1,4-Dichlorobenzene	1.453	1.412	2.8	116	0.00
14	1,2-Dichlorobenzene	1.391	1.341	3.6	117	0.00
15	Benzyl Alcohol	1.056	1.016	3.8	115	0.00
16	2,2'-oxybis(1-Chloropropane	1.944	1.872	3.7	116	0.00
17	2-Methylphenol	1.010	0.984	2.6	117	0.00
18	Hexachloroethane	0.507	0.483	4.7	114	0.00
19 P	n-Nitroso-di-n-propylamine	0.886	0.829	6.4	114	-0.02
20	3+4-Methylphenols	1.293	1.242	3.9	115	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	117	0.00
22	Acetophenone	0.443	0.417	5.9	114	0.00
23 S	Nitrobenzene-d5	0.367	0.347	5.4	114	-0.01
24	Nitrobenzene	0.331	0.314	5.1	114	-0.01
25	Isophorone	0.613	0.575	6.2	114	-0.01
26 C	2-Nitrophenol	0.177	0.176	0.6	118	0.00
27	2,4-Dimethylphenol	0.312	0.299	4.2	116	0.00
28	bis(2-Chloroethoxy)methane	0.383	0.365	4.7	117	-0.01
29 C	2,4-Dichlorophenol	0.283	0.275	2.8	117	0.00
30	1,2,4-Trichlorobenzene	0.308	0.296	3.9	117	0.00
31	Naphthalene	0.985	0.939	4.7	117	0.00
32	Benzoic acid	0.190	0.181	4.7	113	-0.04
33	4-Chloroaniline	0.399	0.389	2.5	117	0.00
34 C	Hexachlorobutadiene	0.192	0.175	8.9	110	0.00
35	Caprolactam	0.080	0.084	-5.0	124	-0.02
36 C	4-Chloro-3-methylphenol	0.291	0.275	5.5	114	-0.01
37	2-Methylnaphthalene	0.620	0.581	6.3	115	0.00
38	1-Methylnaphthalene	0.641	0.600	6.4	114	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	117	0.00
40	1,2,4,5-Tetrachlorobenzene	0.574	0.542	5.6	115	0.00
41 P	Hexachlorocyclopentadiene	0.387	0.340	12.1	101	0.00
42 S	2,4,6-Tribromophenol	0.222	0.212	4.5	117	0.00
43 C	2,4,6-Trichlorophenol	0.387	0.366	5.4	115	0.00
44	2,4,5-Trichlorophenol	0.408	0.396	2.9	117	0.00
45 S	2-Fluorobiphenyl	1.490	1.341	10.0	113	-0.01
46	1,1'-Biphenyl	1.552	1.455	6.2	115	0.00
47	2-Chloronaphthalene	1.146	1.080	5.8	115	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142590.D
 Acq On : 02 Jun 2025 11:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 02 11:53:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	0.331	0.325	1.8	117	0.00
49	Acenaphthylene	1.936	1.830	5.5	116	0.00
50	Dimethylphthalate	1.320	1.263	4.3	118	-0.01
51	2,6-Dinitrotoluene	0.285	0.279	2.1	116	0.00
52 C	Acenaphthene	1.182	1.118	5.4	117	0.00
53	3-Nitroaniline	0.311	0.315	-1.3	123	0.00
54 P	2,4-Dinitrophenol	0.147	0.143	2.7	112	0.00
55	Dibenzofuran	1.701	1.606	5.6	117	0.00
56 P	4-Nitrophenol	0.230	0.227	1.3	117	0.00
57	2,4-Dinitrotoluene	0.372	0.374	-0.5	120	0.00
58	Fluorene	1.314	1.257	4.3	119	0.00
59	2,3,4,6-Tetrachlorophenol	0.341	0.334	2.1	117	0.00
60	Diethylphthalate	1.289	1.226	4.9	116	-0.01
61	4-Chlorophenyl-phenylether	0.646	0.612	5.3	118	0.00
62	4-Nitroaniline	0.282	0.295	-4.6	125	-0.01
63	Azobenzene	1.158	1.107	4.4	117	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	121	0.00
65	4,6-Dinitro-2-methylphenol	0.112	0.113	-0.9	119	0.00
66 c	n-Nitrosodiphenylamine	0.684	0.641	6.3	120	0.00
67	4-Bromophenyl-phenylether	0.236	0.220	6.8	120	0.00
68	Hexachlorobenzene	0.262	0.246	6.1	119	0.00
69	Atrazine	0.182	0.184	-1.1	126	0.00
70 C	Pentachlorophenol	0.148	0.139	6.1	115	0.00
71	Phenanthrene	1.069	1.016	5.0	122	0.00
72	Anthracene	1.091	1.045	4.2	122	0.00
73	Carbazole	0.933	0.918	1.6	125	0.00
74	Di-n-butylphthalate	1.021	1.018	0.3	126	0.00
75 C	Fluoranthene	0.999	0.991	0.8	128	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	136	0.00
77	Benzidine	0.744	0.809	-8.7	138	0.00
78	Pyrene	1.866	1.760	5.7	129	0.00
79 S	Terphenyl-d14	1.464	1.327	9.4	127	0.00
80	Butylbenzylphthalate	0.516	0.546	-5.8	141	0.00
81	Benzo(a)anthracene	1.336	1.272	4.8	136	0.00
82	3,3'-Dichlorobenzidine	0.405	0.425	-4.9	142	0.00
83	Chrysene	1.200	1.136	5.3	135	0.00
84	Bis(2-ethylhexyl)phthalate	0.660	0.694	-5.2	141	0.00
85 c	Di-n-octyl phthalate	1.290	1.195	7.4	129	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	126	0.00
87	Indeno(1,2,3-cd)pyrene	1.501	1.368	8.9	119	0.00
88	Benzo(b)fluoranthene	1.184	1.126	4.9	126	0.00
89	Benzo(k)fluoranthene	1.109	1.039	6.3	126	0.00
90 C	Benzo(a)pyrene	1.116	1.071	4.0	125	0.00
91	Dibenzo(a,h)anthracene	1.218	1.126	7.6	120	-0.01
92	Benzo(g,h,i)perylene	1.218	1.105	9.3	118	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142590.D
Acq On : 02 Jun 2025 11:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 02 11:53:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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_F\Data\BF060225\
 Data File : BF142590.D
 Acq On : 02 Jun 2025 11:30
 Operator : RC/JU
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Instrument :
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Quant Time: Jun 02 11:53:54 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	116	0.00
2	1,4-Dioxane	40.000	39.101	2.2	117	0.00
3	Pyridine	40.000	40.014	-0.0	120	0.00
4	n-Nitrosodimethylamine	40.000	37.883	5.3	111	-0.02
5 S	2-Fluorophenol	80.000	77.713	2.9	118	0.00
6	Aniline	40.000	39.384	1.5	119	0.00
7 S	Phenol-d6	80.000	77.527	3.1	117	-0.01
8	2-Chlorophenol	40.000	38.992	2.5	116	0.00
9	Benzaldehyde	40.000	37.337	6.7	114	0.00
10 C	Phenol	40.000	38.752	3.1	118	-0.01
11	bis(2-Chloroethyl)ether	40.000	38.834	2.9	117	0.00
12	1,3-Dichlorobenzene	40.000	38.387	4.0	115	0.00
13 C	1,4-Dichlorobenzene	40.000	38.867	2.8	116	0.00
14	1,2-Dichlorobenzene	40.000	38.567	3.6	117	0.00
15	Benzyl Alcohol	40.000	38.476	3.8	115	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.521	3.7	116	0.00
17	2-Methylphenol	40.000	38.986	2.5	117	0.00
18	Hexachloroethane	40.000	38.042	4.9	114	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.435	6.4	114	-0.02
20	3+4-Methylphenols	40.000	38.443	3.9	115	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	117	0.00
22	Acetophenone	40.000	37.647	5.9	114	0.00
23 S	Nitrobenzene-d5	80.000	75.793	5.3	114	-0.01
24	Nitrobenzene	40.000	37.981	5.0	114	-0.01
25	Isophorone	40.000	37.499	6.3	114	-0.01
26 C	2-Nitrophenol	40.000	39.842	0.4	118	0.00
27	2,4-Dimethylphenol	40.000	38.389	4.0	116	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.126	4.7	117	-0.01
29 C	2,4-Dichlorophenol	40.000	38.802	3.0	117	0.00
30	1,2,4-Trichlorobenzene	40.000	38.470	3.8	117	0.00
31	Naphthalene	40.000	38.160	4.6	117	0.00
32	Benzoic acid	40.000	38.227	4.4	113	-0.04
33	4-Chloroaniline	40.000	38.998	2.5	117	0.00
34 C	Hexachlorobutadiene	40.000	36.459	8.9	110	0.00
35	Caprolactam	40.000	41.974	-4.9	124	-0.02
36 C	4-Chloro-3-methylphenol	40.000	37.891	5.3	114	-0.01
37	2-Methylnaphthalene	40.000	37.513	6.2	115	0.00
38	1-Methylnaphthalene	40.000	37.476	6.3	114	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	117	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.735	5.7	115	0.00
41 P	Hexachlorocyclopentadiene	40.000	35.099	12.3	101	0.00
42 S	2,4,6-Tribromophenol	80.000	76.490	4.4	117	0.00
43 C	2,4,6-Trichlorophenol	40.000	37.821	5.4	115	0.00
44	2,4,5-Trichlorophenol	40.000	38.794	3.0	117	0.00
45 S	2-Fluorobiphenyl	80.000	71.981	10.0	113	-0.01
46	1,1'-Biphenyl	40.000	37.504	6.2	115	0.00
47	2-Chloronaphthalene	40.000	37.693	5.8	115	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142590.D
 Acq On : 02 Jun 2025 11:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 02 11:53:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	39.199	2.0	117	0.00
49	Acenaphthylene	40.000	37.812	5.5	116	0.00
50	Dimethylphthalate	40.000	38.278	4.3	118	-0.01
51	2,6-Dinitrotoluene	40.000	39.122	2.2	116	0.00
52 C	Acenaphthene	40.000	37.817	5.5	117	0.00
53	3-Nitroaniline	40.000	40.472	-1.2	123	0.00
54 P	2,4-Dinitrophenol	40.000	38.796	3.0	112	0.00
55	Dibenzofuran	40.000	37.777	5.6	117	0.00
56 P	4-Nitrophenol	40.000	39.507	1.2	117	0.00
57	2,4-Dinitrotoluene	40.000	40.236	-0.6	120	0.00
58	Fluorene	40.000	38.259	4.4	119	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.192	2.0	117	0.00
60	Diethylphthalate	40.000	38.041	4.9	116	-0.01
61	4-Chlorophenyl-phenylether	40.000	37.917	5.2	118	0.00
62	4-Nitroaniline	40.000	41.888	-4.7	125	-0.01
63	Azobenzene	40.000	38.258	4.4	117	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	121	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.568	-1.4	119	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.472	6.3	120	0.00
67	4-Bromophenyl-phenylether	40.000	37.161	7.1	120	0.00
68	Hexachlorobenzene	40.000	37.610	6.0	119	0.00
69	Atrazine	40.000	40.515	-1.3	126	0.00
70 C	Pentachlorophenol	40.000	37.694	5.8	115	0.00
71	Phenanthrene	40.000	38.019	5.0	122	0.00
72	Anthracene	40.000	38.324	4.2	122	0.00
73	Carbazole	40.000	39.382	1.5	125	0.00
74	Di-n-butylphthalate	40.000	39.894	0.3	126	0.00
75 C	Fluoranthene	40.000	39.672	0.8	128	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	136	0.00
77	Benzydine	40.000	43.479	-8.7	138	0.00
78	Pyrene	40.000	37.740	5.6	129	0.00
79 S	Terphenyl-d14	80.000	72.512	9.4	127	0.00
80	Butylbenzylphthalate	40.000	42.340	-5.9	141	0.00
81	Benzo(a)anthracene	40.000	38.094	4.8	136	0.00
82	3,3'-Dichlorobenzidine	40.000	41.922	-4.8	142	0.00
83	Chrysene	40.000	37.850	5.4	135	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	42.067	-5.2	141	0.00
85 c	Di-n-octyl phthalate	40.000	37.041	7.4	129	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	126	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	36.435	8.9	119	0.00
88	Benzo(b)fluoranthene	40.000	38.041	4.9	126	0.00
89	Benzo(k)fluoranthene	40.000	37.472	6.3	126	0.00
90 C	Benzo(a)pyrene	40.000	38.390	4.0	125	0.00
91	Dibenzo(a,h)anthracene	40.000	36.987	7.5	120	-0.01
92	Benzo(g,h,i)perylene	40.000	36.304	9.2	118	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142590.D
Acq On : 02 Jun 2025 11:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 02 11:53:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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



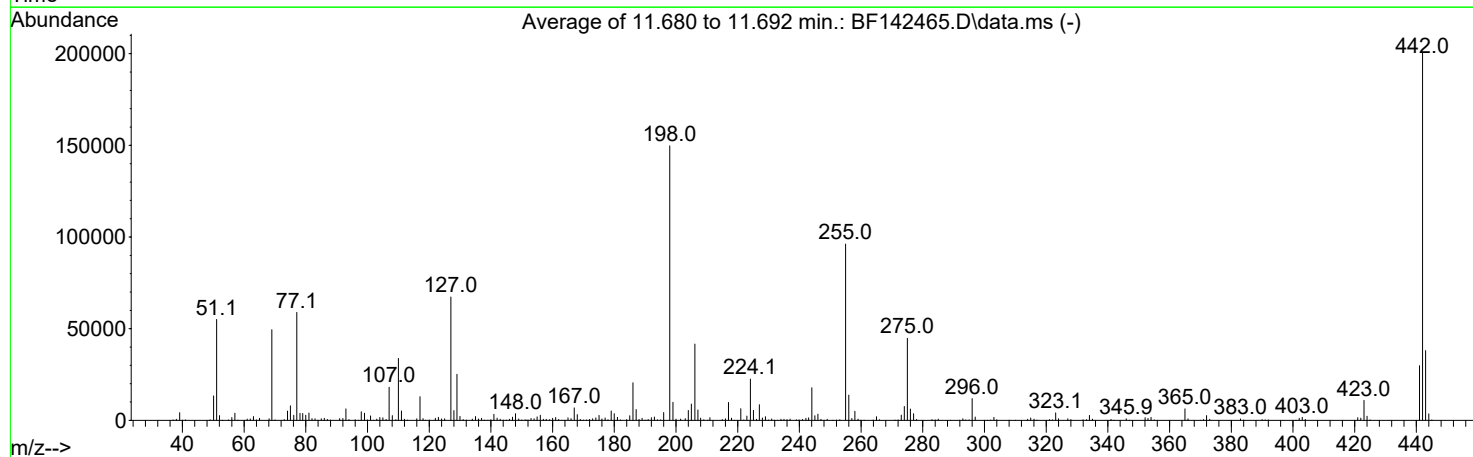
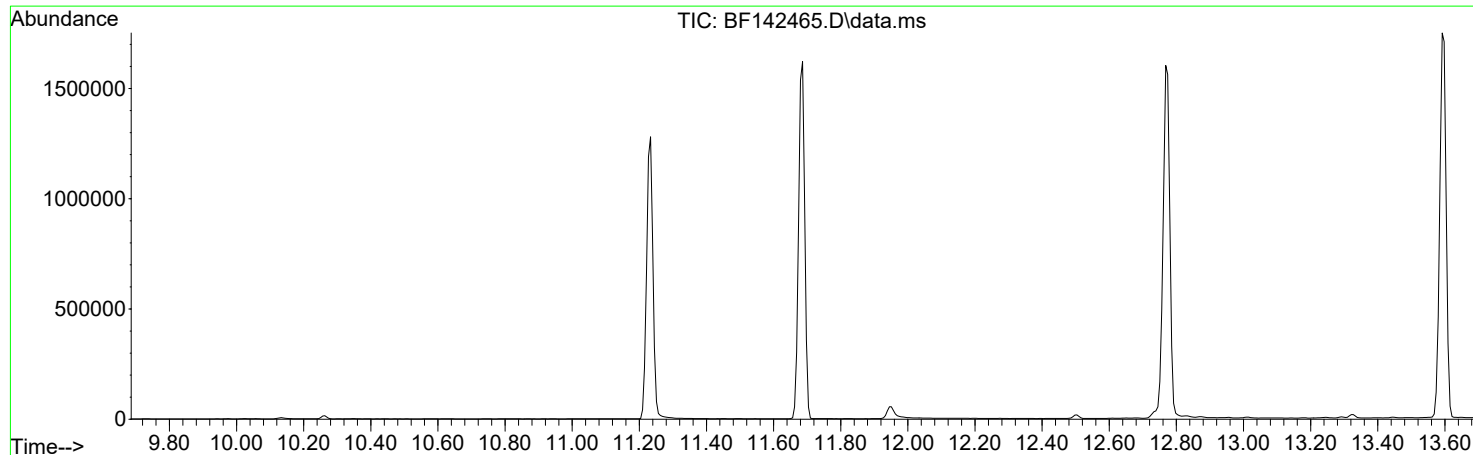
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025



AutoFind: Scans 1613, 1614, 1615; Background Corrected with Scan 1606

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	36.8	55035	PASS
68	69	0.00	2	1.9	918	PASS
69	198	0.00	100	33.1	49499	PASS
70	69	0.00	2	0.5	254	PASS
127	198	10	80	44.9	67277	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	149731	PASS
199	198	5	9	6.6	9853	PASS
275	198	10	60	29.9	44779	PASS
365	198	1	100	4.2	6269	PASS
441	198	0.01	100	19.9	29837	PASS
442	442	50	100	100.0	200661	PASS
443	442	15	24	19.0	38045	PASS

DDT Breakdown

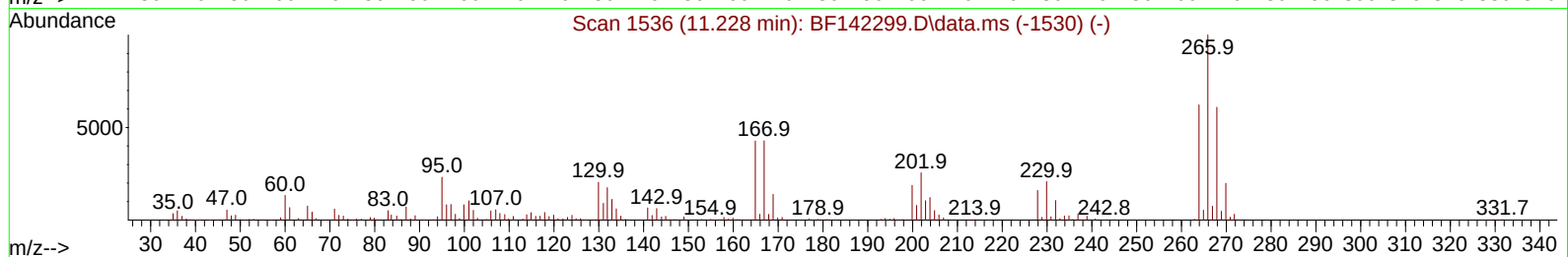
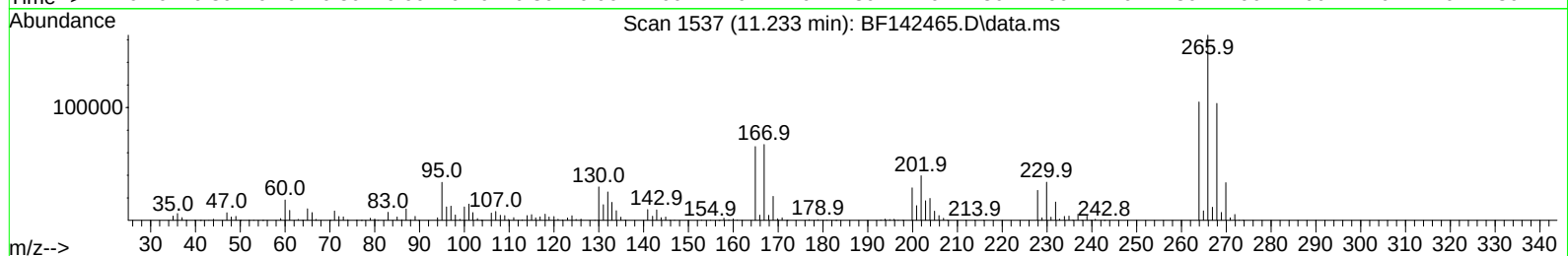
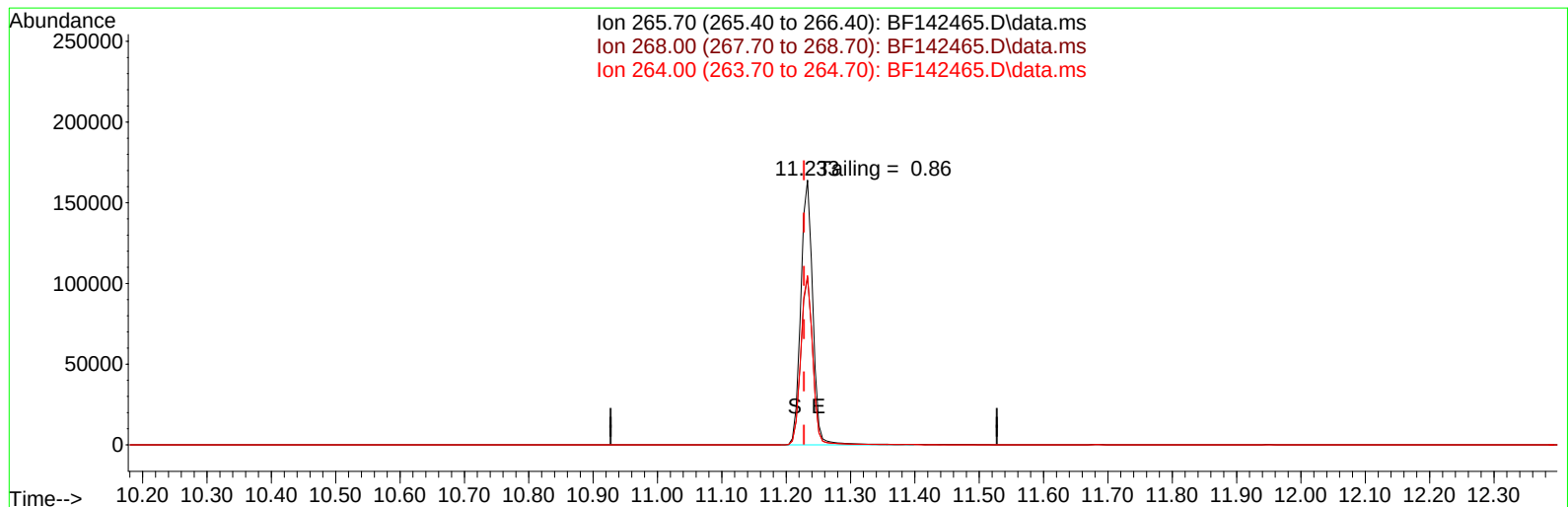
Date	Instrument Name	DFTPP Data File
5/20/2025	BNA_F	<u>BF142465.D</u>
Compound Name	Response	Retention Time
DDT	467874	13.598
DDD	6363	13.327
DDE	709	12.957
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7072	474946	1.49

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 20 14:09:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



TIC: BF142465.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.006) 45340.77 ng

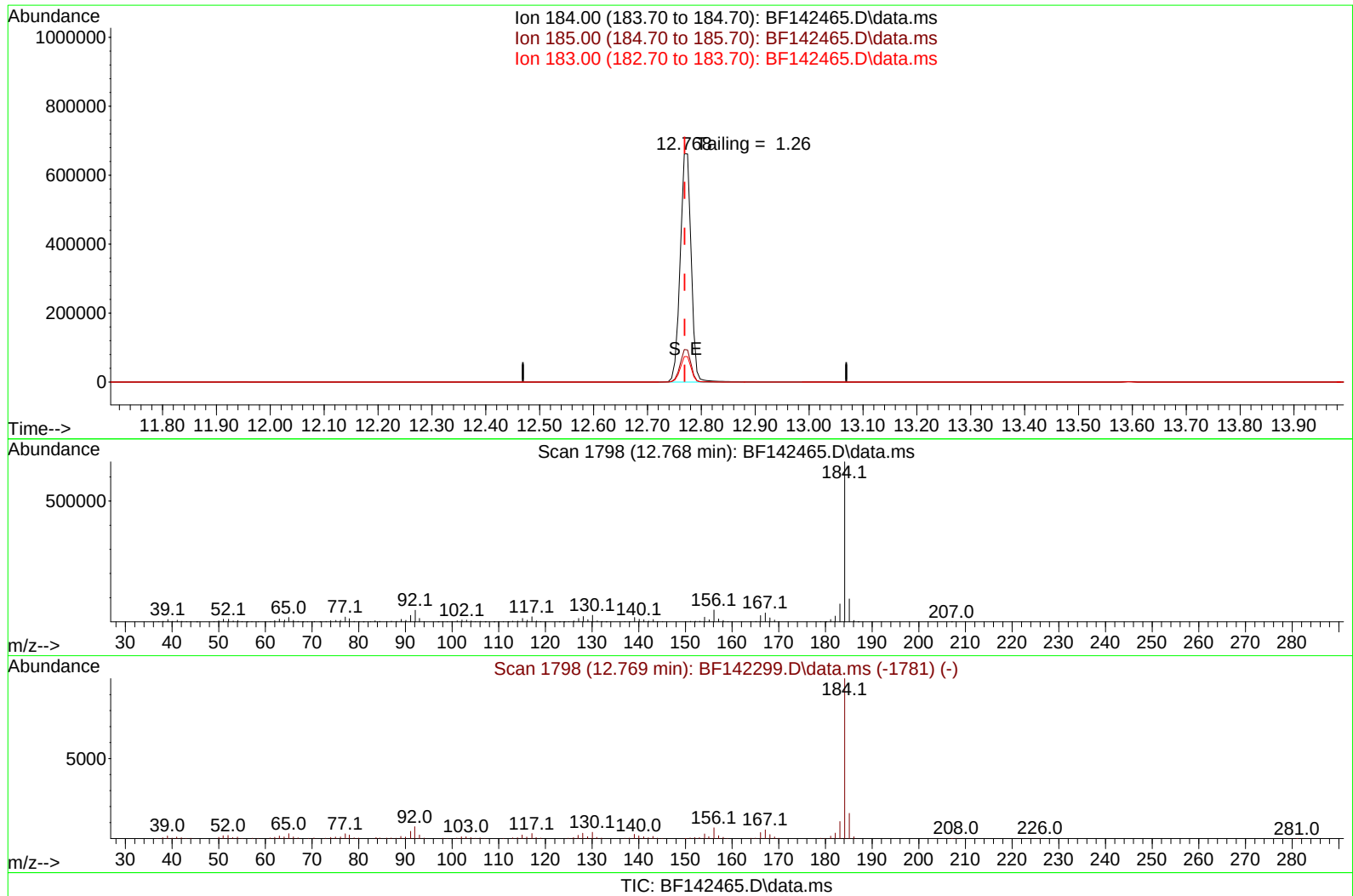
response 213501

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.90	63.21
264.00	62.20	63.93
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 20 14:09:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

**(77) Benzidine****12.768min (-0.001) 0.00 ng****response 942414**

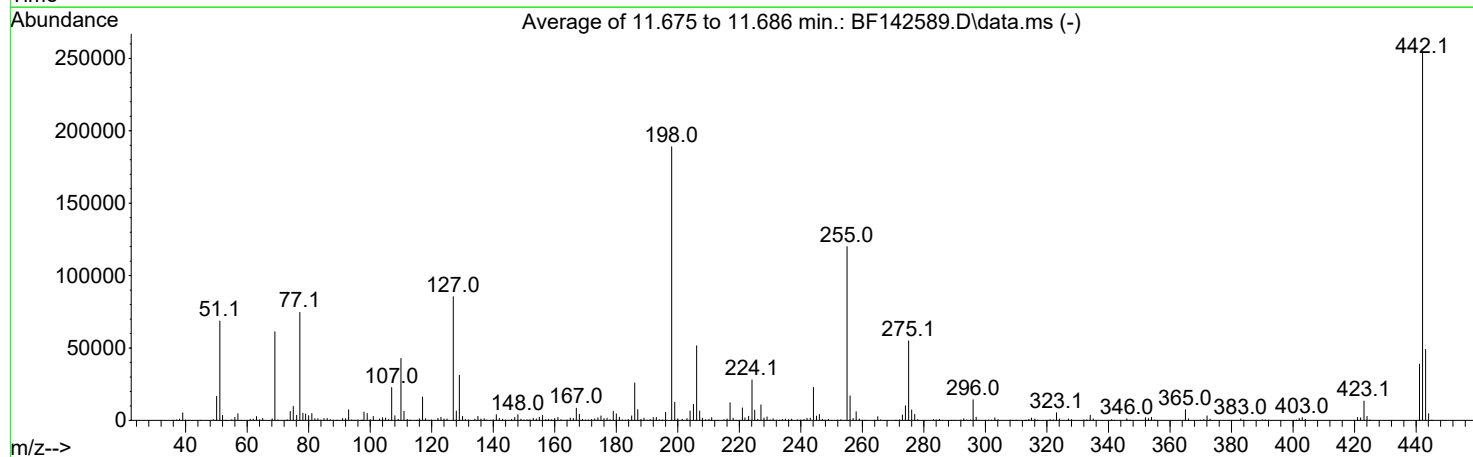
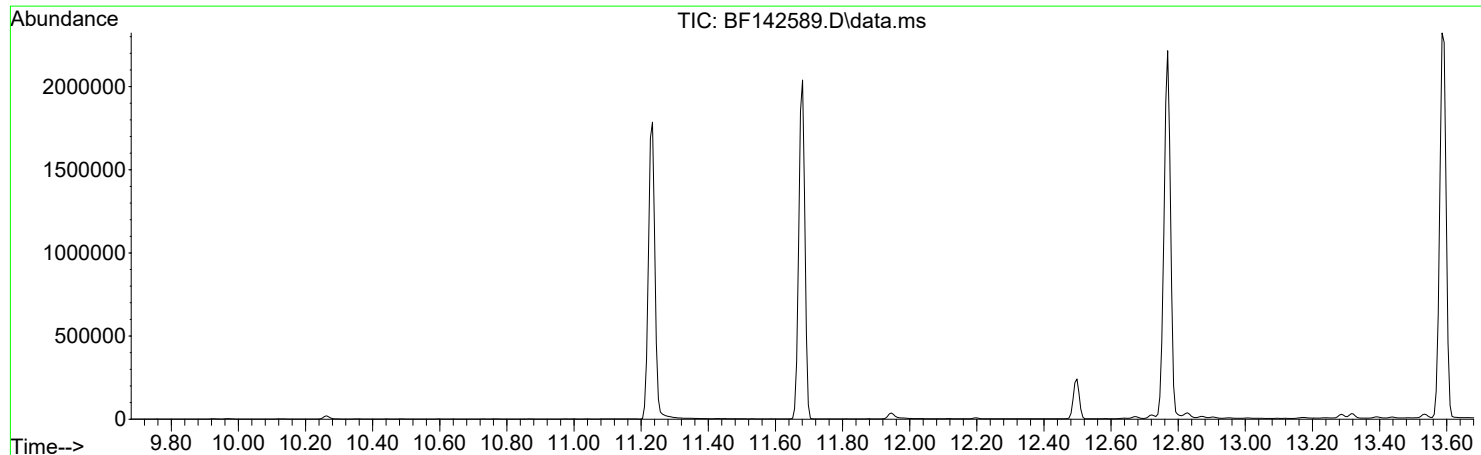
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.29
183.00	10.70	11.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142589.D
Acq On : 02 Jun 2025 11:01
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025



AutoFind: Scans 1612, 1613, 1614; Background Corrected with Scan 1605

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	36.3	68579	PASS
68	69	0.00	2	1.8	1095	PASS
69	198	0.00	100	32.4	61195	PASS
70	69	0.00	2	0.6	380	PASS
127	198	10	80	45.2	85403	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	188992	PASS
199	198	5	9	6.6	12531	PASS
275	198	10	60	29.1	54928	PASS
365	198	1	100	3.9	7435	PASS
441	198	0.01	100	20.6	38853	PASS
442	442	50	100	100.0	254059	PASS
443	442	15	24	19.3	49003	PASS

DDT Breakdown

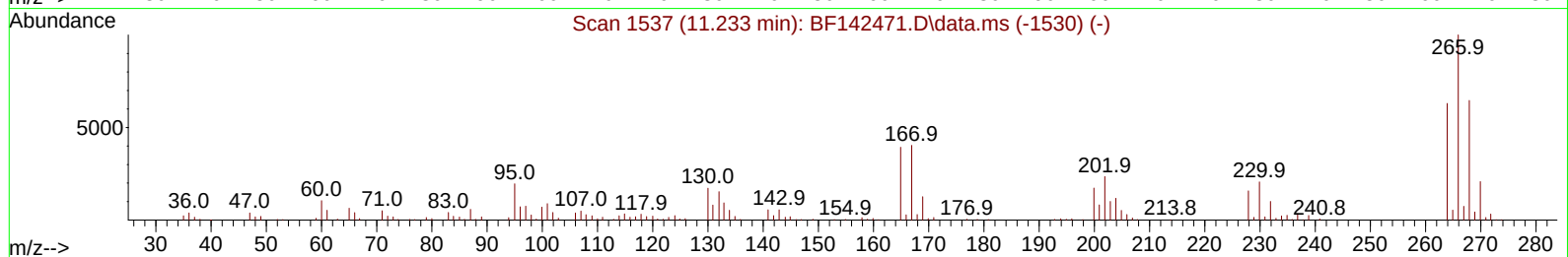
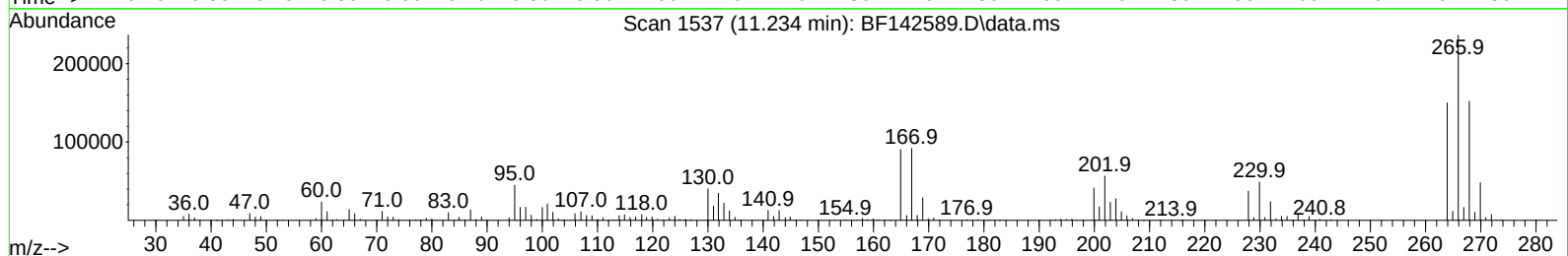
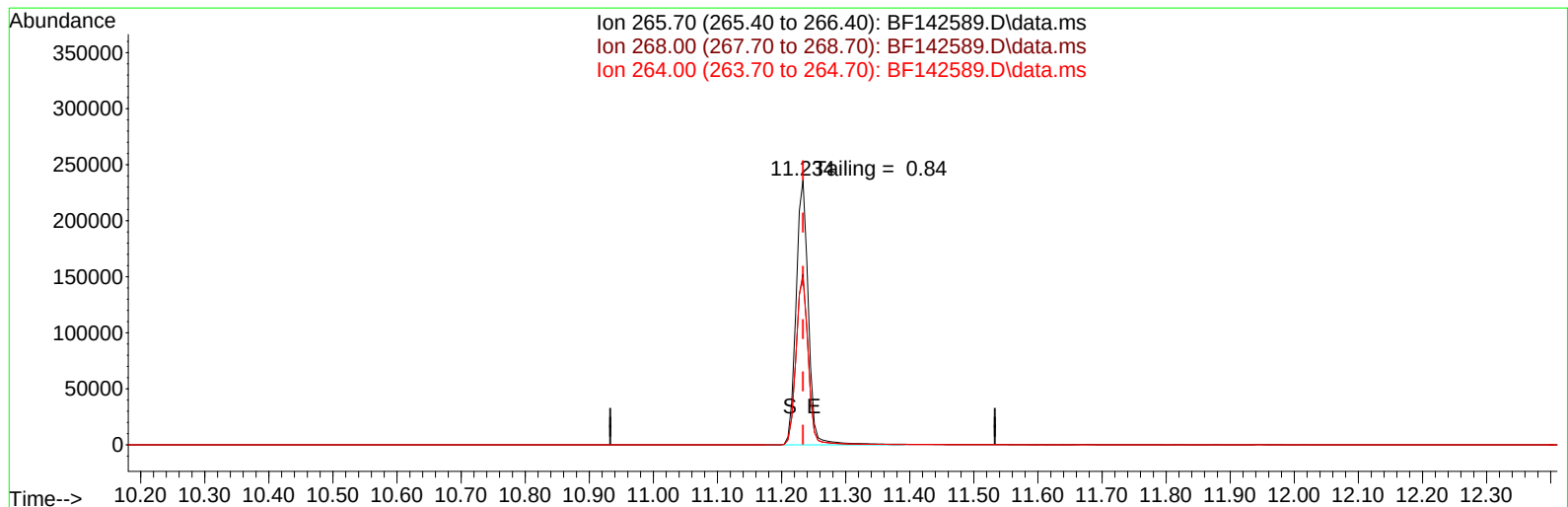
Date	Instrument Name	DFTPP Data File
6/2/2025	BNA_F	<u>BF142589.D</u>
Compound Name	Response	Retention Time
DDT	635948	13.592
DDD	13787	13.316
DDE	1005	12.951
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
14792	650740	2.27

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142589.D
Acq On : 02 Jun 2025 11:01
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 02 12:45:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



TIC: BF142589.D\data.ms

(70) Pentachlorophenol (C)

11.234min (+ 0.000) 81847.51 ng m

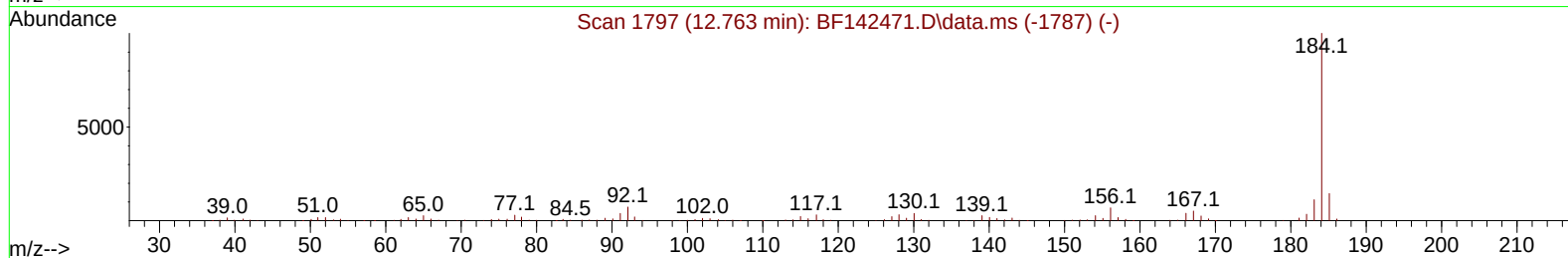
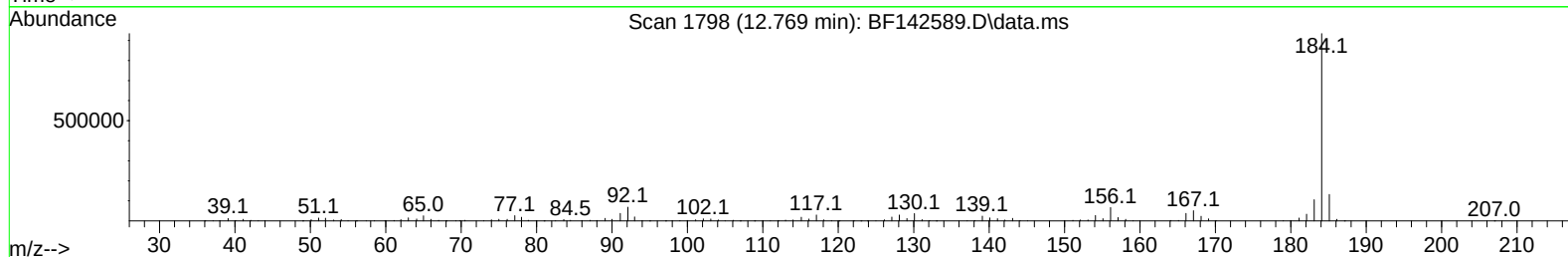
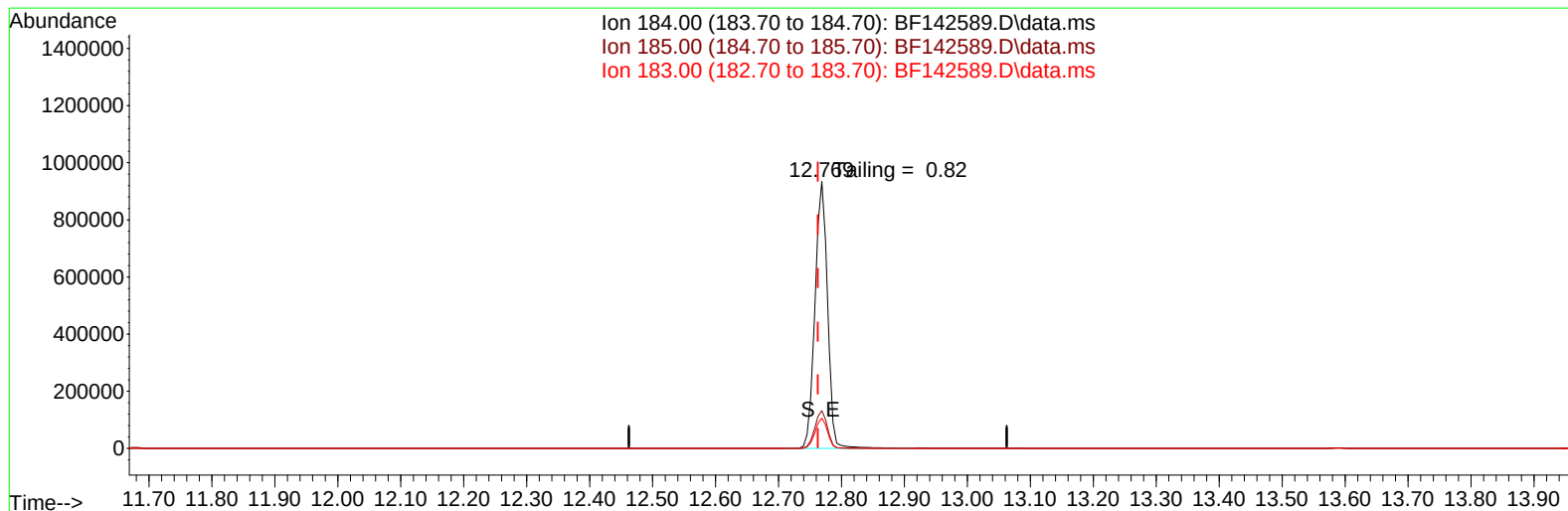
response 317877

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.60	64.41
264.00	63.00	63.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142589.D
Acq On : 02 Jun 2025 11:01
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 02 12:45:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



TIC: BF142589.D\data.ms

(77) Benzidine

12.769min (+ 0.006) 63416.49 ng

response 1295595

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.12
183.00	11.20	11.33
0.00	0.00	0.00

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	PB168235BL	SDG No.:	Q2134
Lab Sample ID:	PB168235BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142594.D	1	05/30/25 09:21	06/02/25 13:26	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	PB168235BL	SDG No.:	Q2134
Lab Sample ID:	PB168235BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142594.D	1	05/30/25 09:21	06/02/25 13:26	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	130	15 (23) - 110 (138)	87%	SPK: 150
13127-88-3	Phenol-d6	130	15 (10) - 110 (134)	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.1	30 (67) - 130 (132)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.2	30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134	15 (44) - 110 (137)	89%	SPK: 150

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	PB168235BL	SDG No.:	Q2134
Lab Sample ID:	PB168235BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142594.D	1	05/30/25 09:21	06/02/25 13:26	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	77.1		30 (42) - 130 (152)	77%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	121000	6.898
1146-65-2	Naphthalene-d8	466000	8.181
15067-26-2	Acenaphthene-d10	260000	9.939
1517-22-2	Phenanthrene-d10	475000	11.427
1719-03-5	Chrysene-d12	287000	14.068
1520-96-3	Perylene-d12	248000	15.568

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	10.5	A		5.13	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142594.D
Acq On : 02 Jun 2025 13:26
Operator : RC/JU
Sample : PB168235BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168235BL

Quant Time: Jun 02 14:02:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	120624	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	466268	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	259648	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	474960	20.000	ng	0.00
76) Chrysene-d12	14.068	240	286956	20.000	ng	0.00
86) Perylene-d12	15.568	264	248222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	929341	129.801	ng	0.00
7) Phenol-d6	6.522	99	1116479	129.543	ng	-0.01
23) Nitrobenzene-d5	7.457	82	685175	80.129	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	386355	134.069	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1475412	76.249	ng	-0.01
79) Terphenyl-d14	13.016	244	1618331	77.068	ng	0.00

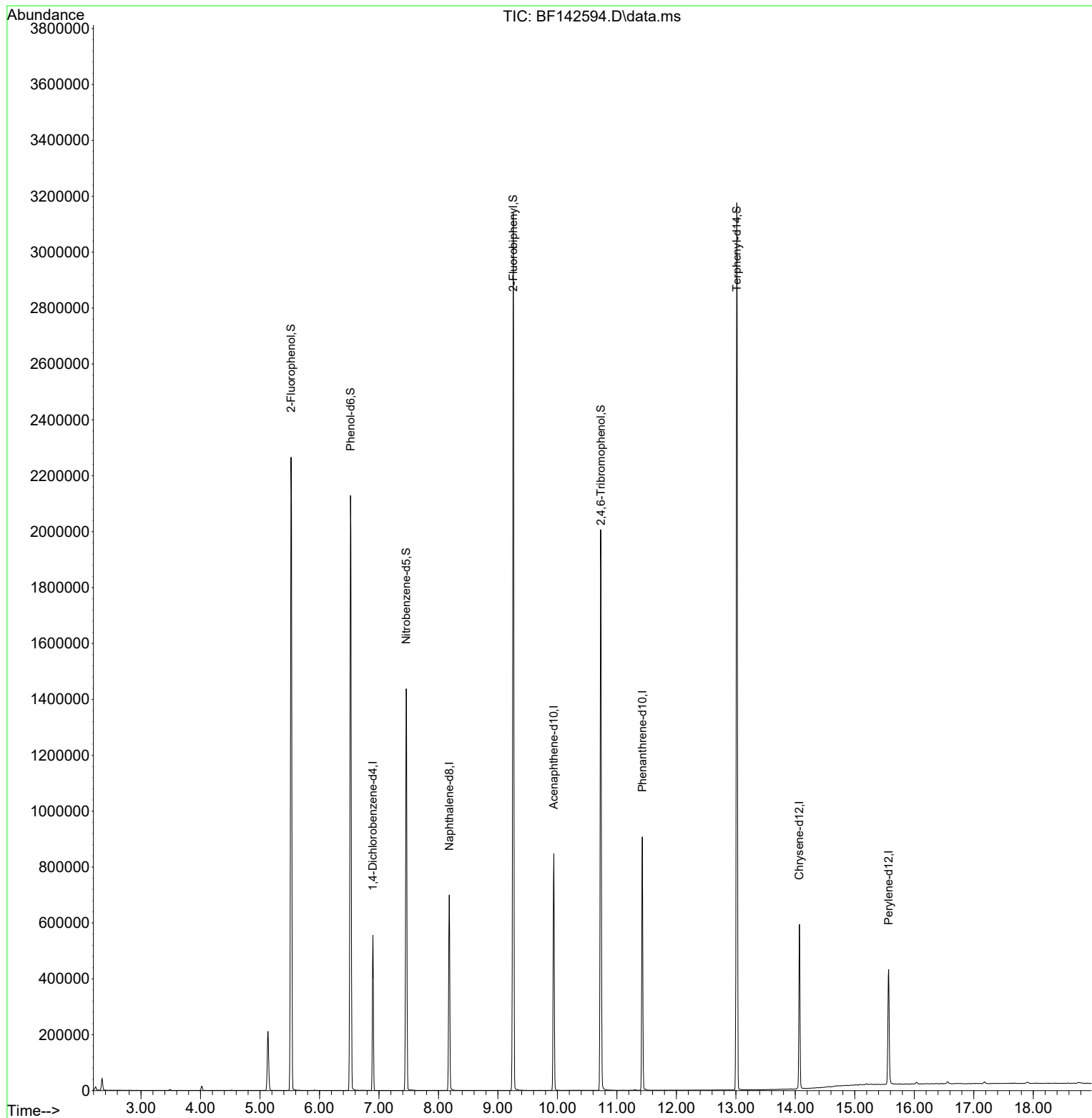
Target Compounds	Qvalue

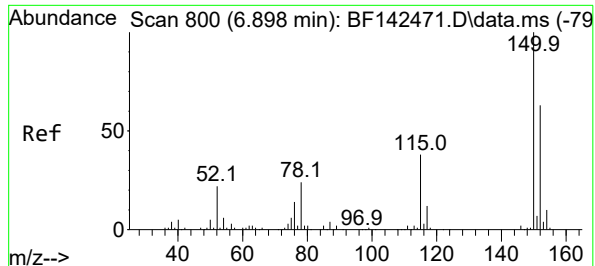
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142594.D
Acq On : 02 Jun 2025 13:26
Operator : RC/JU
Sample : PB168235BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168235BL

Quant Time: Jun 02 14:02:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

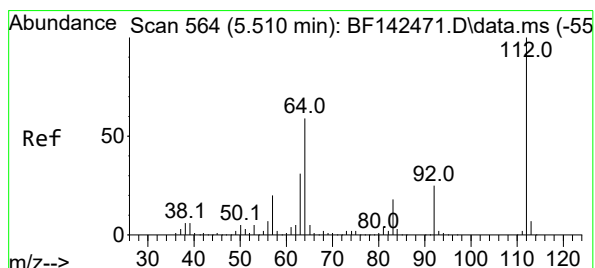
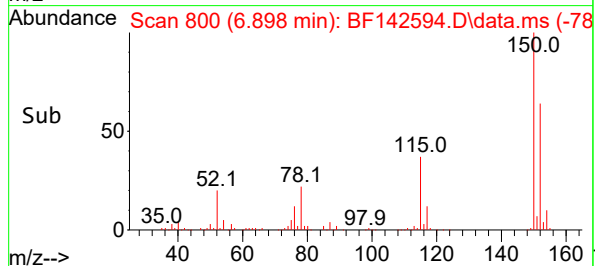
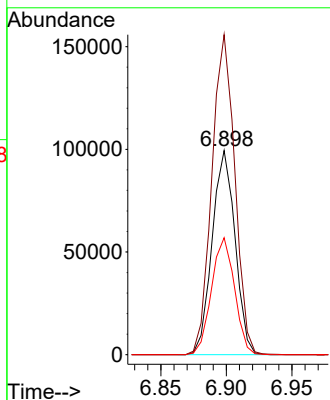
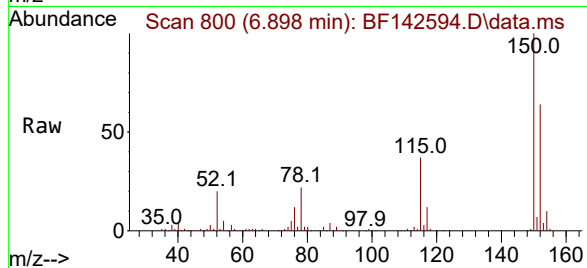




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

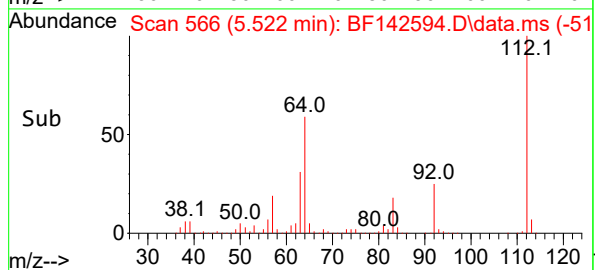
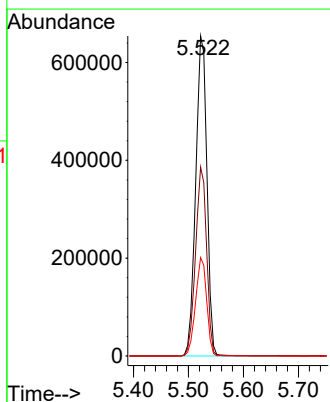
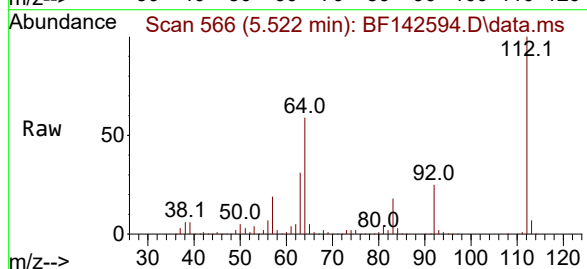
Instrument :
BNA_F
ClientSampleId :
PB168235BL

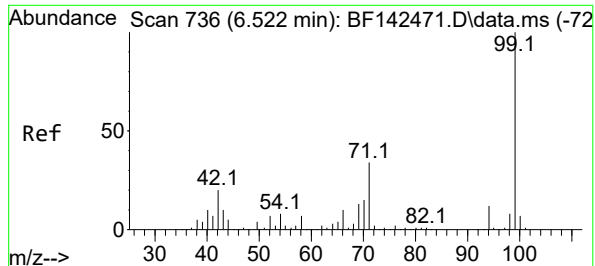
Tgt Ion:152 Resp: 120624
Ion Ratio Lower Upper
152 100
150 156.7 128.2 192.4
115 57.3 48.3 72.5



#5
2-Fluorophenol
Concen: 129.801 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

Tgt Ion:112 Resp: 929341
Ion Ratio Lower Upper
112 100
64 59.0 47.5 71.3
63 30.7 24.9 37.3

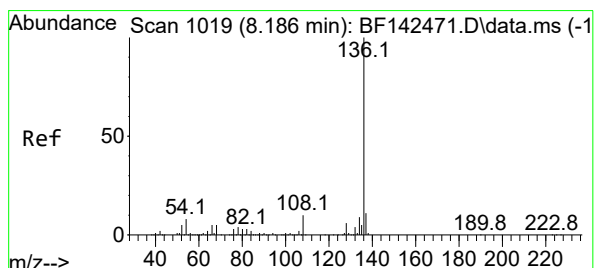
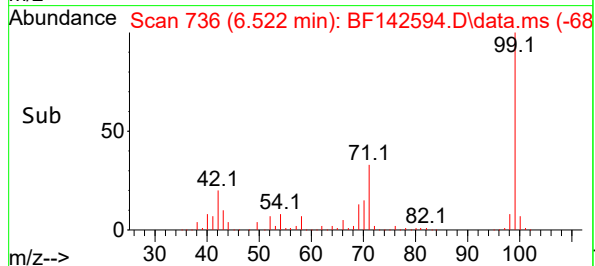
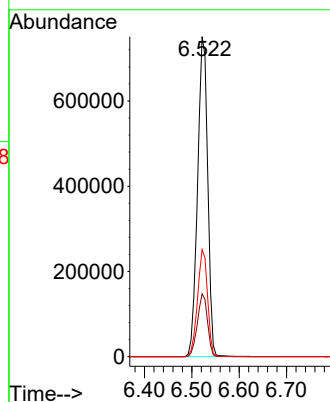
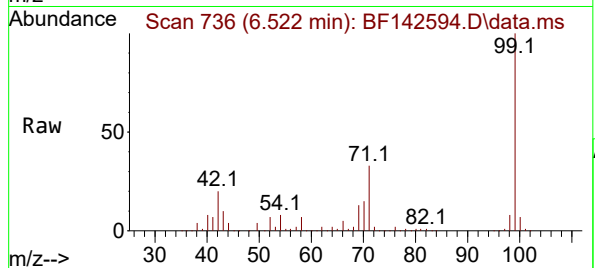




#7
Phenol-d6
Concen: 129.543 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

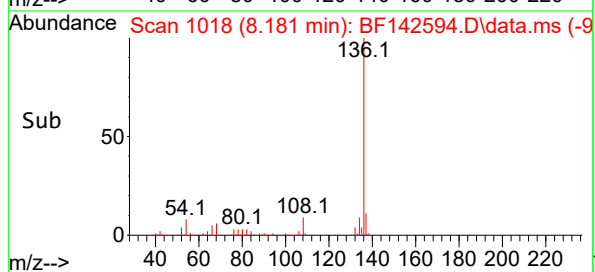
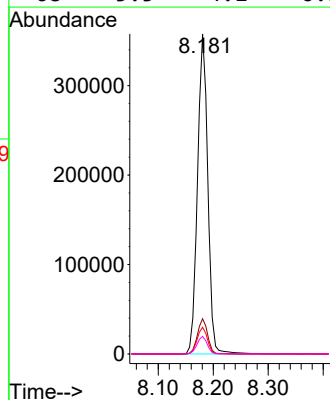
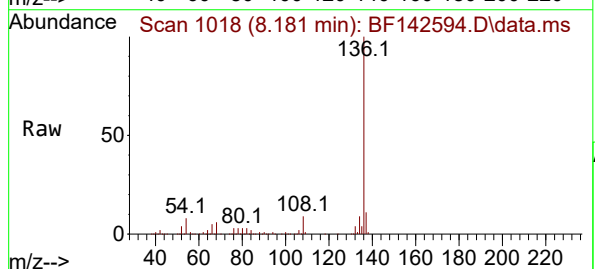
Instrument :
BNA_F
ClientSampleId :
PB168235BL

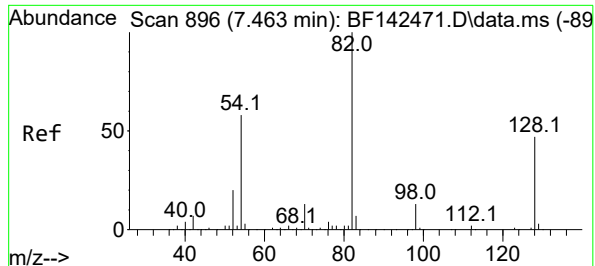
Tgt Ion: 99 Resp: 1116479
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.4 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

Tgt Ion: 136 Resp: 466268
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 6.6 10.0
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 80.129 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF142594.D

Acq: 02 Jun 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB168235BL

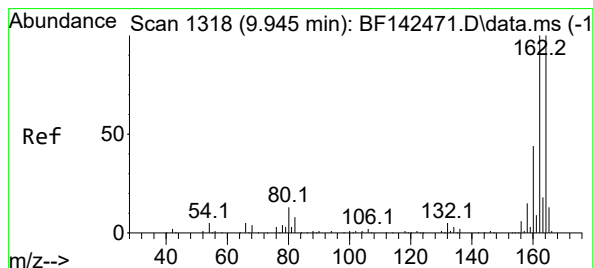
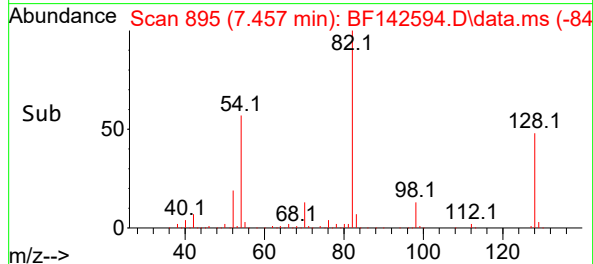
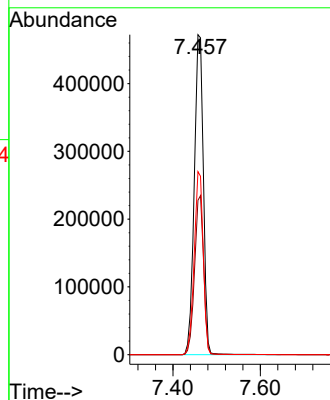
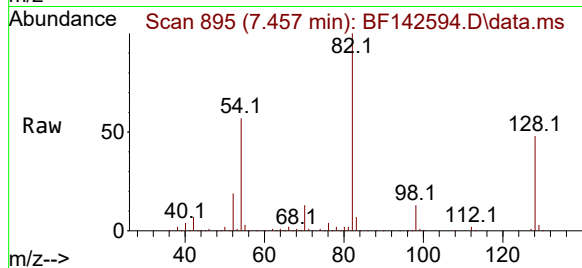
Tgt Ion: 82 Resp: 685175

Ion Ratio Lower Upper

82 100

128 48.2 37.4 56.2

54 57.2 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142594.D

Acq: 02 Jun 2025 13:26

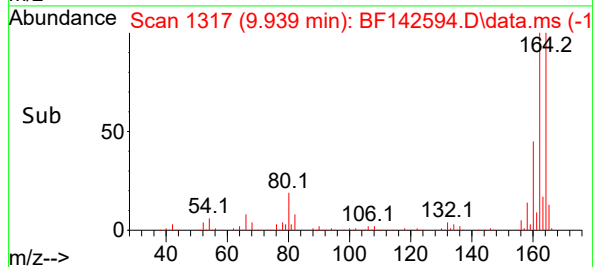
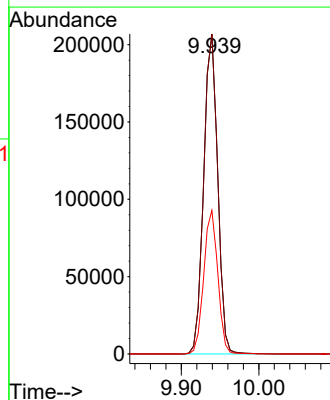
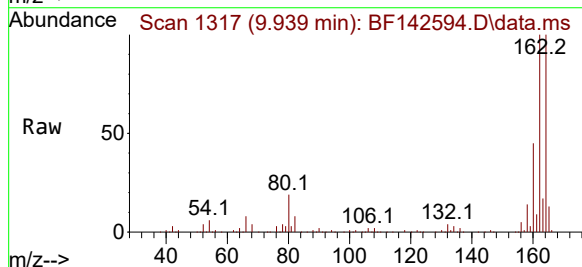
Tgt Ion: 164 Resp: 259648

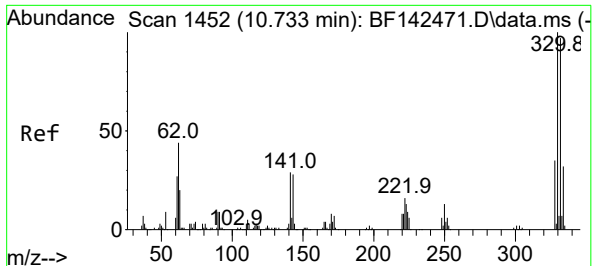
Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.4

160 44.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 134.069 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142594.D

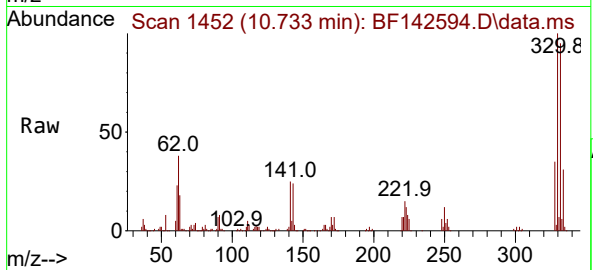
Acq: 02 Jun 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB168235BL



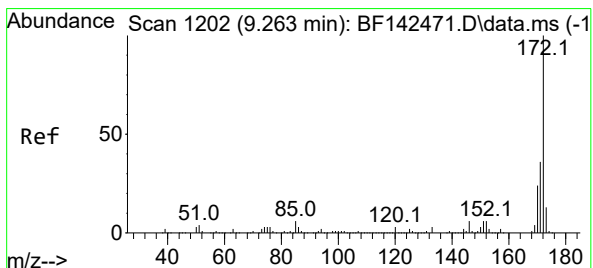
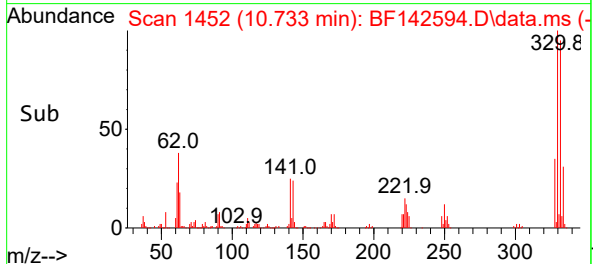
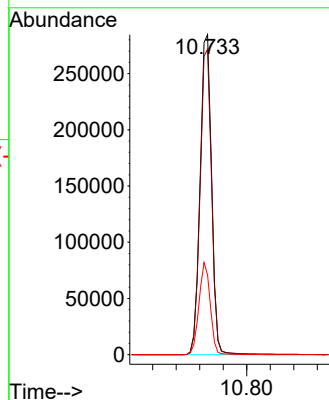
Tgt Ion:330 Resp: 386355

Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

141 28.2 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 76.249 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142594.D

Acq: 02 Jun 2025 13:26

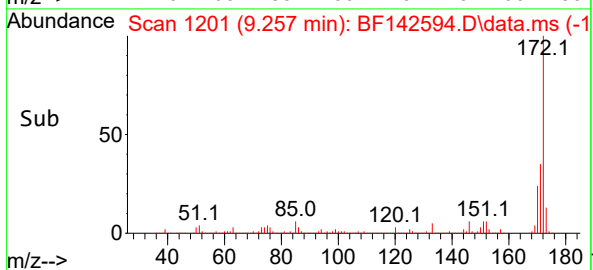
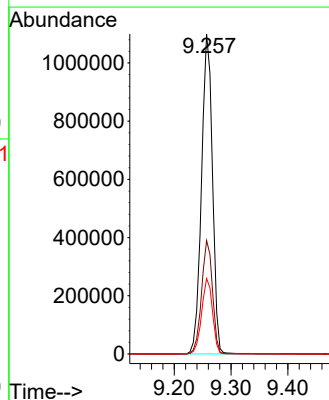
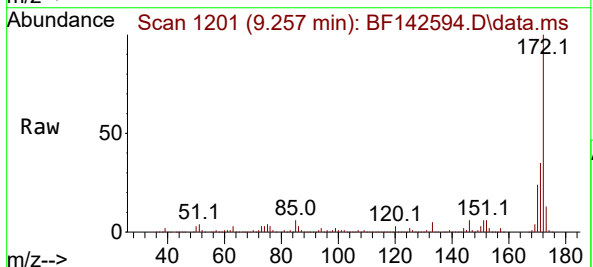
Tgt Ion:172 Resp: 1475412

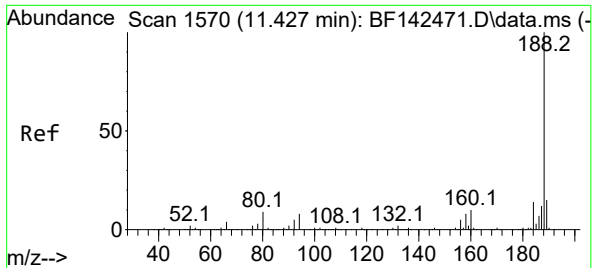
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.5 18.9 28.3

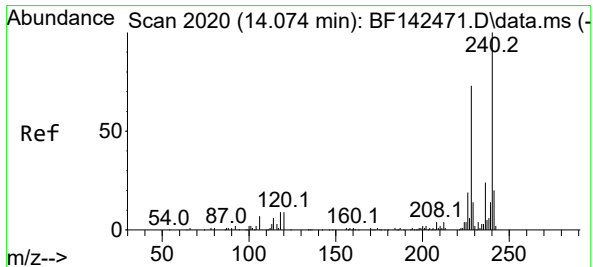
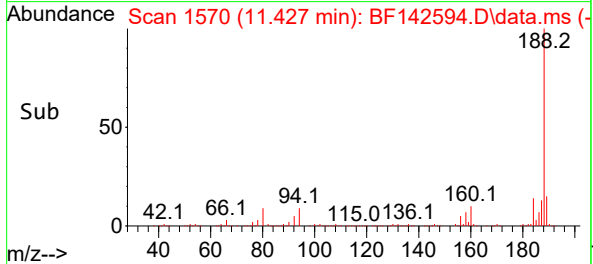
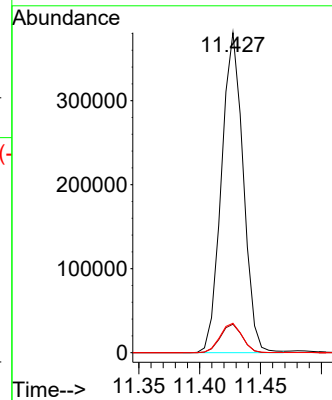
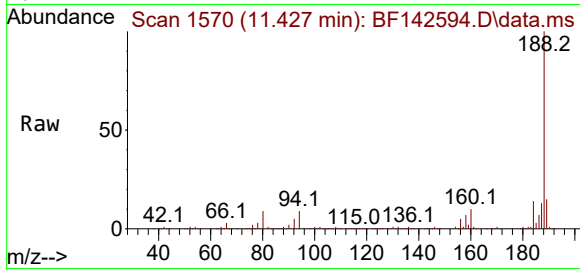




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

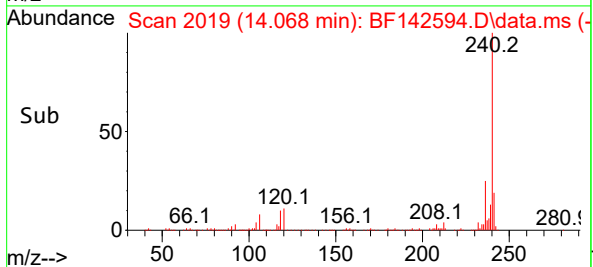
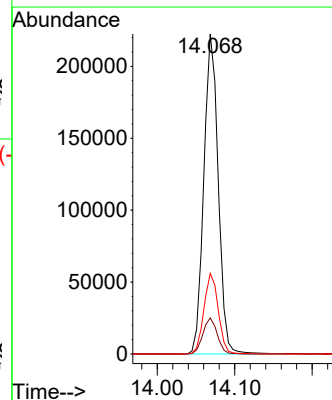
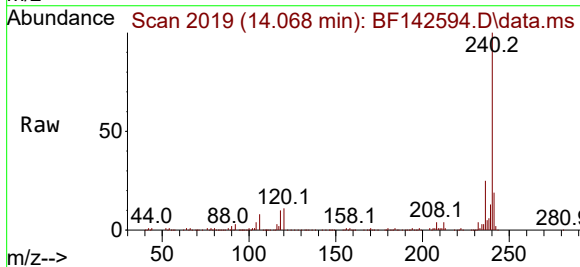
Instrument :
BNA_F
ClientSampleId :
PB168235BL

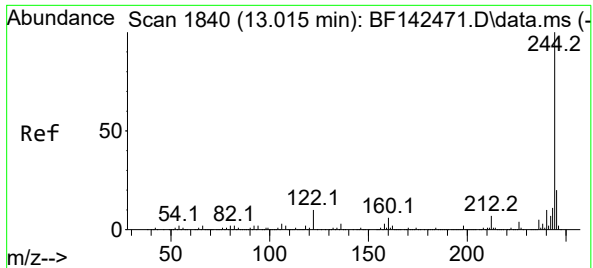
Tgt Ion:188 Resp: 474960
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.2 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

Tgt Ion:240 Resp: 286956
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3
236 25.2 19.6 29.4





#79

Terphenyl-d14

Concen: 77.068 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142594.D

Acq: 02 Jun 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB168235BL

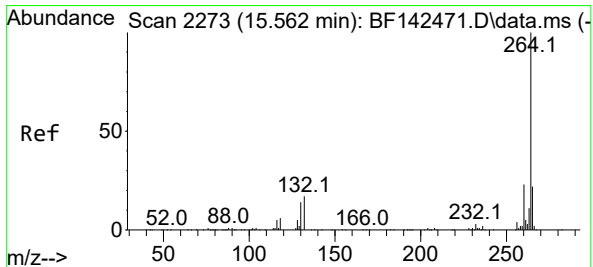
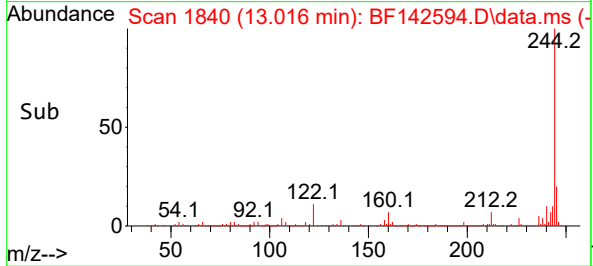
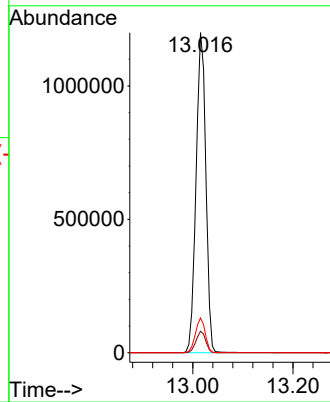
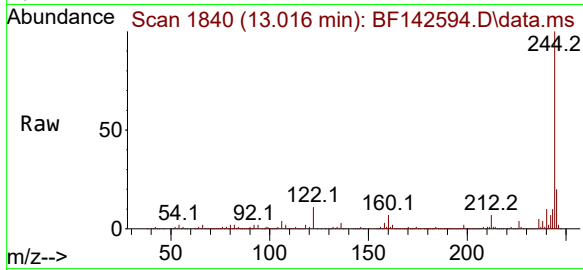
Tgt Ion:244 Resp: 1618331

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.9 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF142594.D

Acq: 02 Jun 2025 13:26

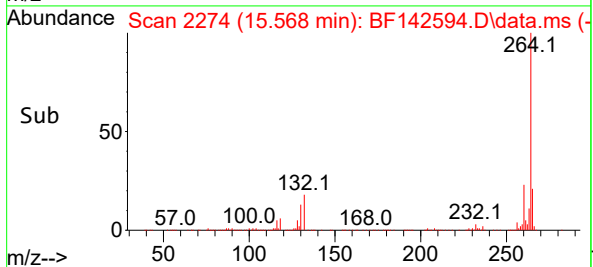
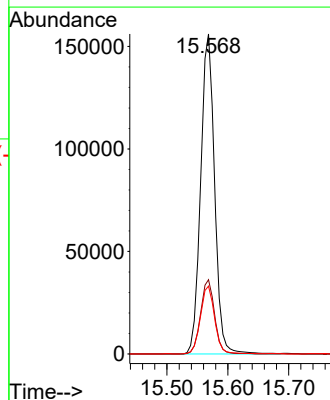
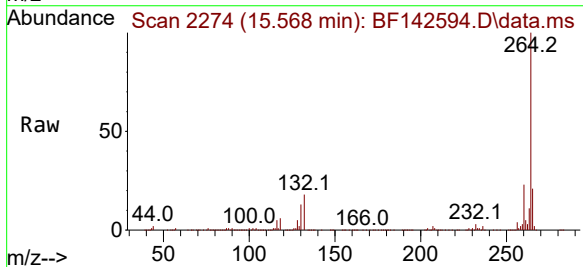
Tgt Ion:264 Resp: 248222

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.2 17.7 26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142594.D
 Acq On : 02 Jun 2025 13:26
 Operator : RC/JU
 Sample : PB168235BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168235BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142594.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.346	20	26	32	rBV	41123	64363	1.52%	0.256%
2	5.134	493	500	515	rBV	211712	353874	8.33%	1.407%
3	5.522	559	566	572	rBV	2266119	3181130	74.91%	12.653%
4	6.522	729	736	742	rBV	2129179	3159269	74.39%	12.566%
5	6.898	795	800	805	rBV	554980	674922	15.89%	2.684%
6	7.457	889	895	901	rBV	1437493	2079990	48.98%	8.273%
7	8.181	1012	1018	1030	rBV	699537	903783	21.28%	3.595%
8	9.257	1194	1201	1206	rBV	3141470	4159816	97.95%	16.545%
9	9.939	1311	1317	1333	rBV	847501	1065357	25.09%	4.237%
10	10.727	1445	1451	1473	rBV	2006364	2708239	63.77%	10.772%
11	11.427	1565	1570	1577	rBV	906008	1126581	26.53%	4.481%
12	13.016	1834	1840	1845	rBV	3174559	4246867	100.00%	16.891%
13	14.068	2011	2019	2030	rBV	588067	759950	17.89%	3.023%
14	15.568	2267	2274	2284	rBV	410357	658032	15.49%	2.617%

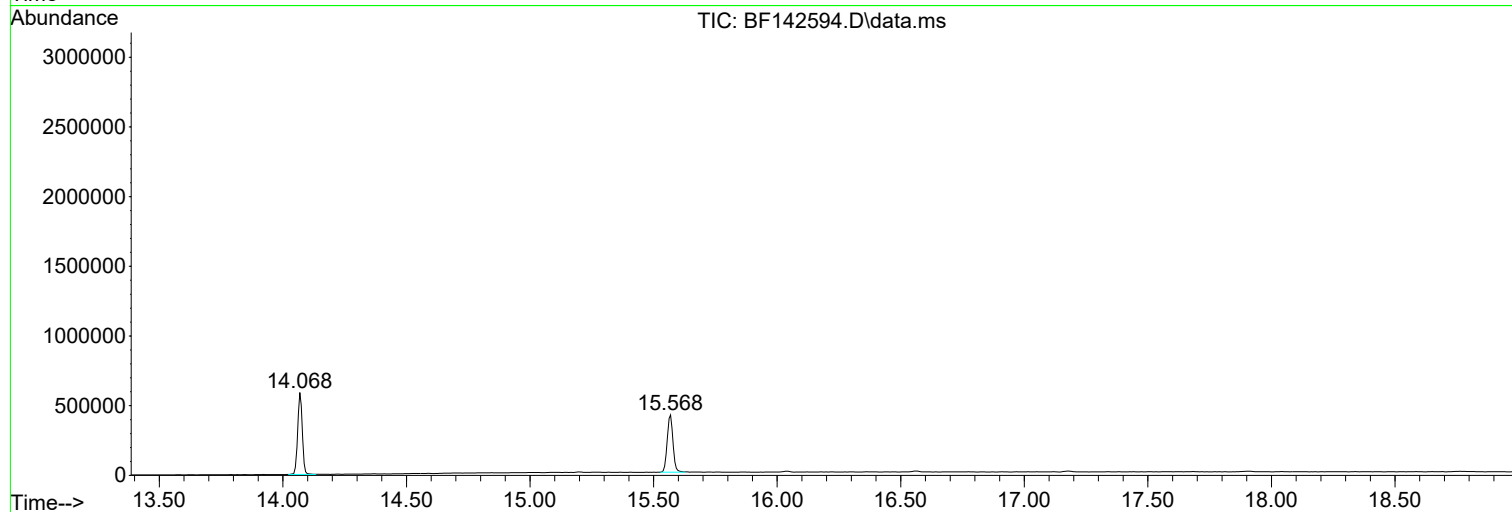
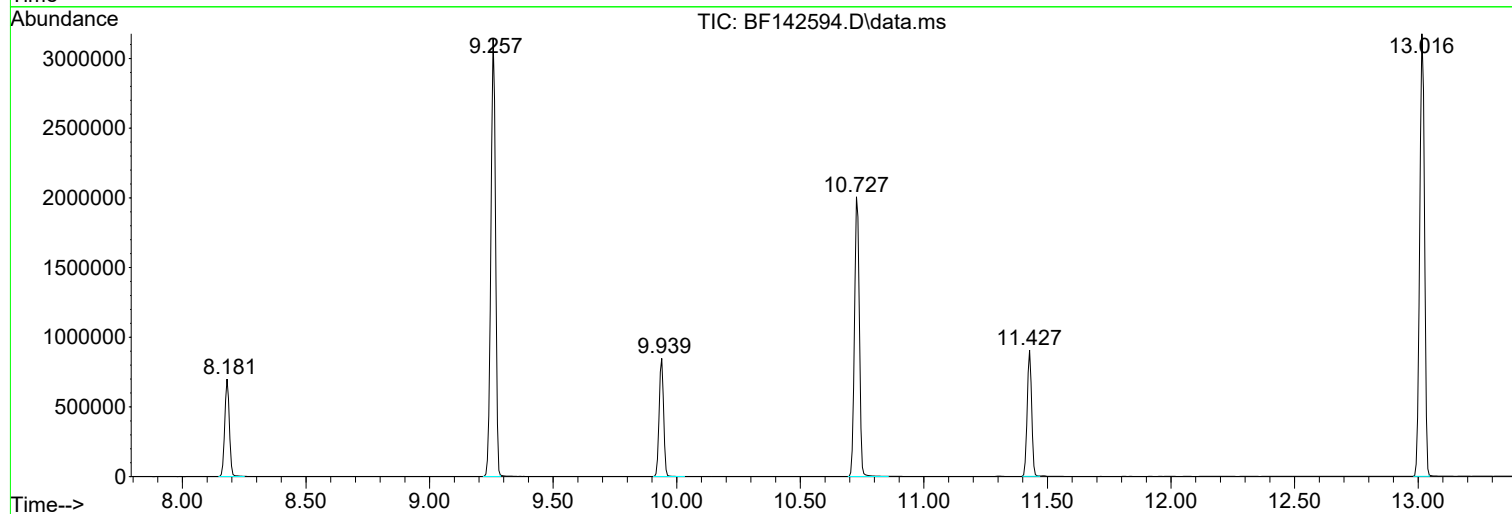
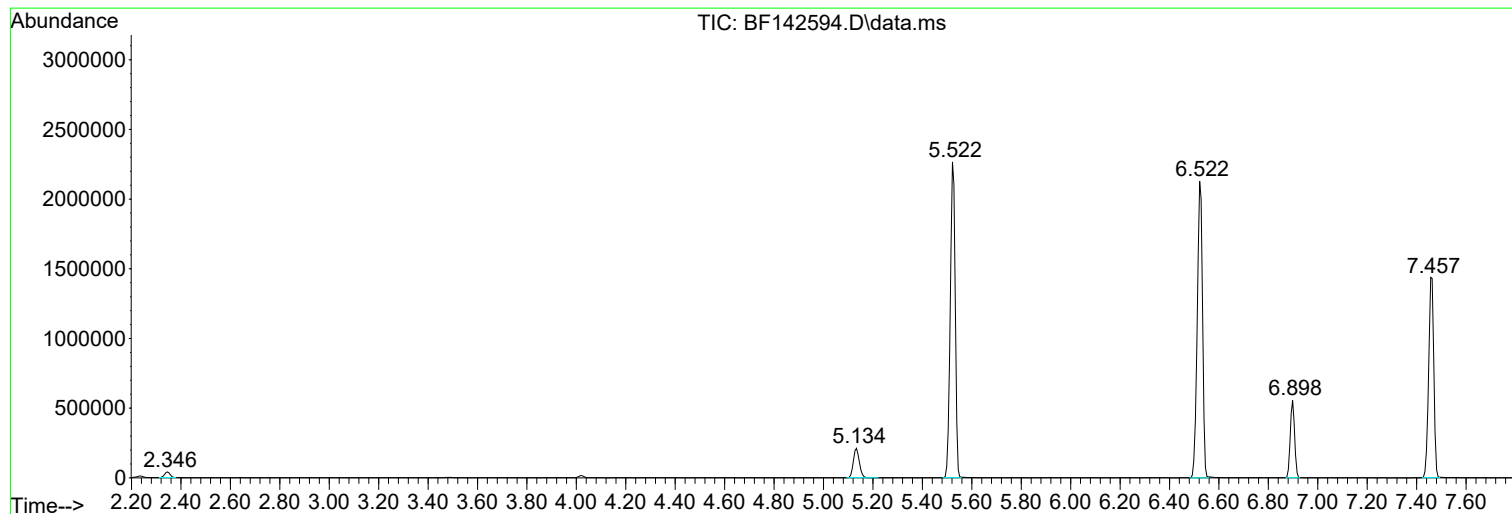
Sum of corrected areas: 25142173

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142594.D
Acq On : 02 Jun 2025 13:26
Operator : RC/JU
Sample : PB168235BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168235BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142594.D
Acq On : 02 Jun 2025 13:26
Operator : RC/JU
Sample : PB168235BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168235BL

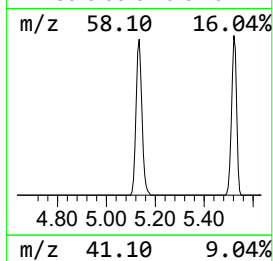
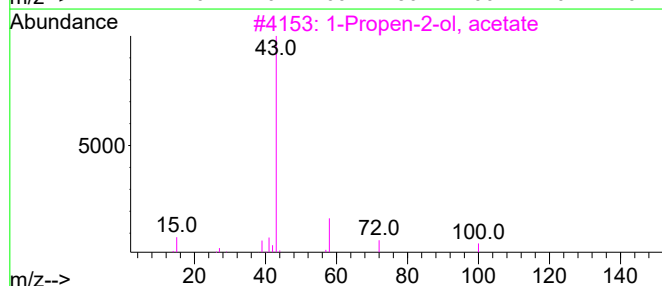
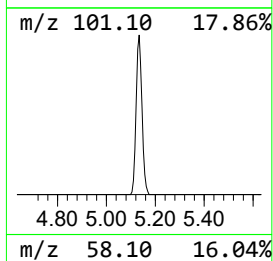
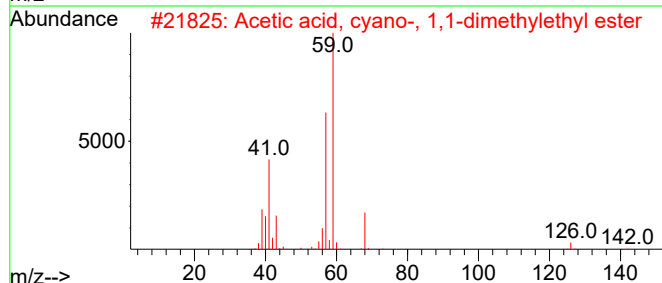
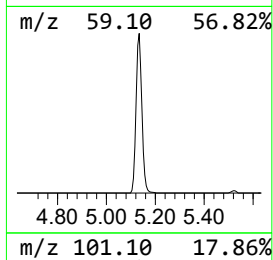
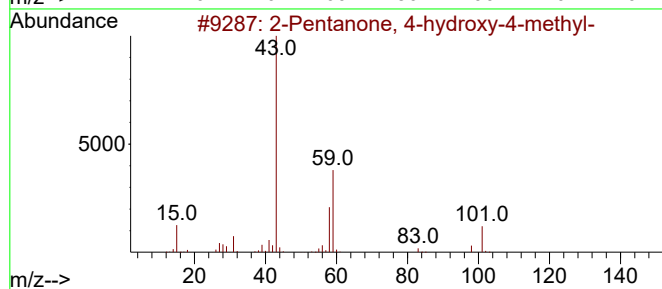
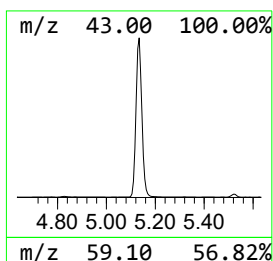
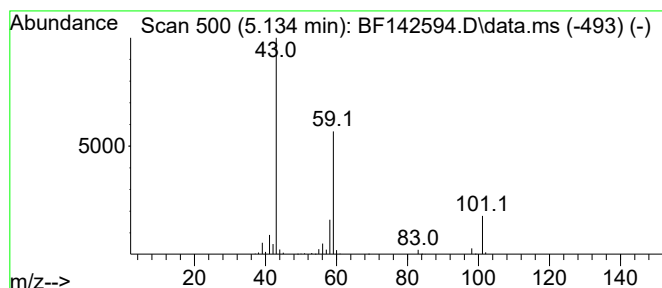
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.134	10.49 ng	353874	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142594.D
Acq On : 02 Jun 2025 13:26
Operator : RC/JU
Sample : PB168235BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168235BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.134	10.5	ng	353874	1	6.898	674922	20.0

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	PB168235BS	SDG No.:	Q2134
Lab Sample ID:	PB168235BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142595.D	1	05/30/25 09:21	06/02/25 13:54	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	34.3		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.4		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.6		1.30	5.00	ug/L
98-86-2	Acetophenone	41.7		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.3		1.40	2.50	ug/L
67-72-1	Hexachloroethane	41.6		0.65	5.00	ug/L
98-95-3	Nitrobenzene	42.9		0.76	5.00	ug/L
78-59-1	Isophorone	42.2		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.9		0.68	5.00	ug/L
91-20-3	Naphthalene	42.4		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	18.2		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	40.9		0.54	5.00	ug/L
105-60-2	Caprolactam	51.7		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	42.4		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	80.7	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	42.2		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	41.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	45.1		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.2		0.61	5.00	ug/L
208-96-8	Acenaphthylene	42.4		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	45.7		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	27.1		1.10	5.00	ug/L
83-32-9	Acenaphthene	46.3		0.55	5.00	ug/L
132-64-9	Dibenzofuran	42.4		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	47.5		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.0		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.6		0.68	5.00	ug/L
86-73-7	Fluorene	43.0		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	48.5		1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	PB168235BS	SDG No.:	Q2134
Lab Sample ID:	PB168235BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142595.D	1	05/30/25 09:21	06/02/25 13:54	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	42.5		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	43.5		0.52	5.00	ug/L
1912-24-9	Atrazine	49.3		1.00	5.00	ug/L
85-01-8	Phenanthrene	43.1		0.50	5.00	ug/L
120-12-7	Anthracene	43.2		0.61	5.00	ug/L
86-74-8	Carbazole	44.9		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	47.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.6		0.82	5.00	ug/L
129-00-0	Pyrene	45.2		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	52.0		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	26.6		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	43.9		0.45	5.00	ug/L
218-01-9	Chrysene	45.7		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.8		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.9		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	42.1		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.0		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.6		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	43.1		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	42.6		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	36.0		1.00	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	123	15 (23) - 110 (138)	82%	SPK: 150
13127-88-3	Phenol-d6	125	15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.2	30 (67) - 130 (132)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.0	30 (52) - 130 (132)	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127	15 (44) - 110 (137)	85%	SPK: 150

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	PB168235BS	SDG No.:	Q2134
Lab Sample ID:	PB168235BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142595.D	1	05/30/25 09:21	06/02/25 13:54	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	79.0		30 (42) - 130 (152)	79%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	124000	6.898
1146-65-2	Naphthalene-d8	486000	8.186
15067-26-2	Acenaphthene-d10	272000	9.945
1517-22-2	Phenanthrene-d10	470000	11.433
1719-03-5	Chrysene-d12	249000	14.074
1520-96-3	Perylene-d12	264000	15.568

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142595.D
 Acq On : 02 Jun 2025 13:54
 Operator : RC/JU
 Sample : PB168235BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025

Quant Time: Jun 02 14:15:55 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 20 16:26:47 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	124139	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	485746	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	271698	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	469529	20.000	ng	0.00
76) Chrysene-d12	14.074	240	249290	20.000	ng	0.00
86) Perylene-d12	15.568	264	263582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	906620	123.042	ng	0.01
7) Phenol-d6	6.528	99	1104479	124.522	ng	0.00
23) Nitrobenzene-d5	7.463	82	678991	76.222	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	383400	127.143	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1457346	71.975	ng	0.00
79) Terphenyl-d14	13.016	244	1440878	78.985	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	106175	36.010	ng	100
3) Pyridine	3.522	79	299076	39.832	ng	98
4) n-Nitrosodimethylamine	3.475	42	163603	41.965	ng	91
6) Aniline	6.563	93	391173	32.799	ng	100
8) 2-Chlorophenol	6.687	128	353147	44.002	ng	99
9) Benzaldehyde	6.451	77	183138	34.329	ng	99
10) Phenol	6.545	94	423745	42.458	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	312003	43.429	ng	100
12) 1,3-Dichlorobenzene	6.839	146	374882	41.860	ng	99
13) 1,4-Dichlorobenzene	6.916	146	378417	41.948	ng	99
14) 1,2-Dichlorobenzene	7.069	146	362456	41.990	ng	100
15) Benzyl Alcohol	7.039	79	283806	43.298	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	513926	42.597	ng	99
17) 2-Methylphenol	7.151	107	276621	44.146	ng	99
18) Hexachloroethane	7.410	117	131101	41.620	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	227191	41.329	ng	99
20) 3+4-Methylphenols	7.304	107	343279	42.780	ng	99
22) Acetophenone	7.310	105	448031	41.666	ng	99
24) Nitrobenzene	7.481	77	344719	42.906	ng	99
25) Isophorone	7.722	82	628729	42.214	ng	98
26) 2-Nitrophenol	7.798	139	193780	45.139	ng	96
27) 2,4-Dimethylphenol	7.833	122	334818	44.225	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	399276	42.916	ng	100
29) 2,4-Dichlorophenol	8.039	162	305895	44.429	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	318291	42.597	ng	98
31) Naphthalene	8.204	128	1014451	42.414	ng	100
32) Benzoic acid	7.957	122	218542	47.422	ng	96
33) 4-Chloroaniline	8.251	127	176677	18.230	ng	98
34) Hexachlorobutadiene	8.322	225	190668	40.867	ng	99
35) Caprolactam	8.622	113	99971m	51.700	ng	
36) 4-Chloro-3-methylphenol	8.733	107	318462	45.134	ng	98
37) 2-Methylnaphthalene	8.898	142	638084	42.405	ng	99
38) 1-Methylnaphthalene	8.998	142	654458	42.048	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	323517	41.480	ng	99
41) Hexachlorocyclopentadiene	9.051	237	424440	80.672	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	227625	43.281	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142595.D
 Acq On : 02 Jun 2025 13:54
 Operator : RC/JU
 Sample : PB168235BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025

Quant Time: Jun 02 14:15:55 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 20 16:26:47 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	246489	44.440	ng	98
46) 1,1'-Biphenyl	9.363	154	890515	42.247	ng	100
47) 2-Chloronaphthalene	9.386	162	653163	41.940	ng	99
48) 2-Nitroaniline	9.480	65	203179	45.136	ng	99
49) Acenaphthylene	9.804	152	1114044	42.363	ng	100
50) Dimethylphthalate	9.663	163	792383	44.199	ng	100
51) 2,6-Dinitrotoluene	9.727	165	176658	45.656	ng	95
52) Acenaphthene	9.975	154	743945	46.329	ng	99
53) 3-Nitroaniline	9.892	138	114327	27.052	ng	99
54) 2,4-Dinitrophenol	10.004	184	197620	98.857	ng	91
55) Dibenzofuran	10.151	168	979008	42.367	ng	98
56) 4-Nitrophenol	10.057	139	298469	95.715	ng	97
57) 2,4-Dinitrotoluene	10.133	165	239779	47.451	ng	99
58) Fluorene	10.492	166	767546	42.995	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	204888	44.249	ng	99
60) Diethylphthalate	10.363	149	787046	44.951	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	373395	42.578	ng	99
62) 4-Nitroaniline	10.510	138	185820	48.480	ng	97
63) Azobenzene	10.645	77	687495	43.717	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	127291	48.578	ng	99
66) n-Nitrosodiphenylamine	10.604	169	682308	42.475	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	236773	42.648	ng	99
68) Hexachlorobenzene	11.039	284	267154	43.507	ng	99
69) Atrazine	11.127	200	210470	49.336	ng	99
70) Pentachlorophenol	11.233	266	303289	87.484	ng	99
71) Phenanthrene	11.457	178	1081466	43.099	ng	100
72) Anthracene	11.510	178	1107034	43.228	ng	99
73) Carbazole	11.663	167	982811	44.892	ng	99
74) Di-n-butylphthalate	11.986	149	1127520	47.051	ng	99
75) Fluoranthene	12.645	202	1069949	45.634	ng	98
77) Benzidine	12.763	184	363104	39.141	ng	100
78) Pyrene	12.874	202	1051541	45.218	ng	99
80) Butylbenzylphthalate	13.486	149	333843	51.953	ng	99
81) Benzo(a)anthracene	14.063	228	730755	43.899	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	134486	26.636	ng	98
83) Chrysene	14.104	228	684085	45.734	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	408925	49.711	ng	99
85) Di-n-octyl phthalate	14.662	149	704542	43.803	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	843246	42.614	ng	98
88) Benzo(b)fluoranthene	15.127	252	731225	46.873	ng	99
89) Benzo(k)fluoranthene	15.157	252	615237	42.107	ng	98
90) Benzo(a)pyrene	15.509	252	661758	45.004	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	691116	43.063	ng	99
92) Benzo(g,h,i)perylene	17.551	276	683261	42.564	ng	98

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

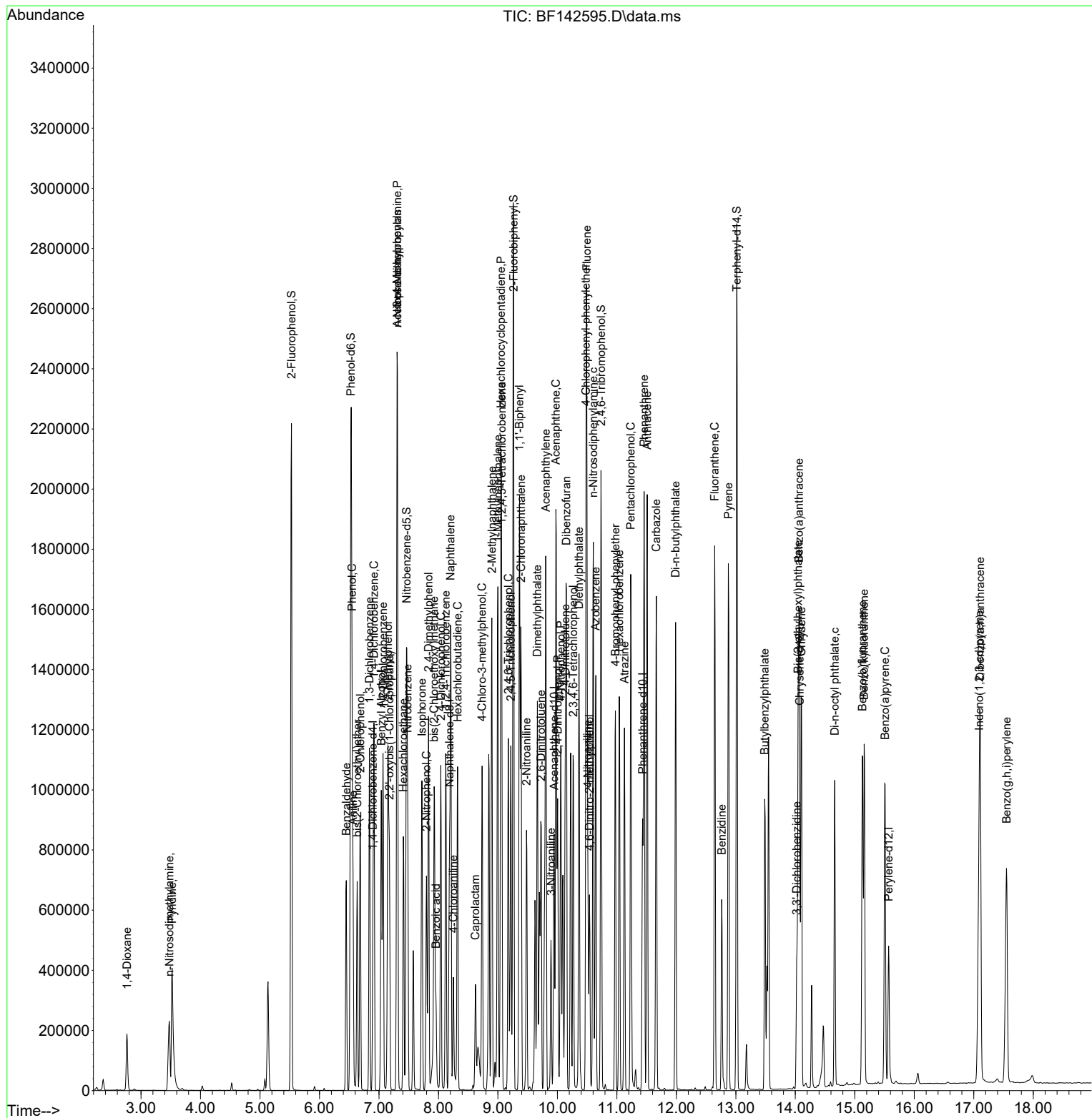
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142595.D
 Acq On : 02 Jun 2025 13:54
 Operator : RC/JU
 Sample : PB168235BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

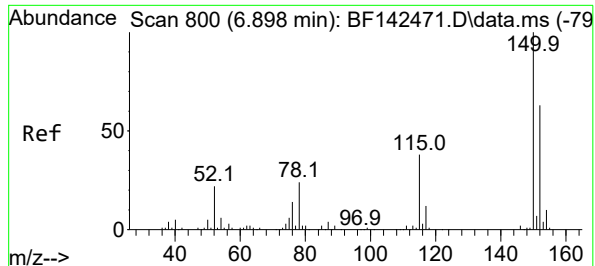
Instrument :
 BNA_F
 ClientSampleId :
 PB168235BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/03/2025
 Supervised By :Jagrut Upadhyay 06/03/2025

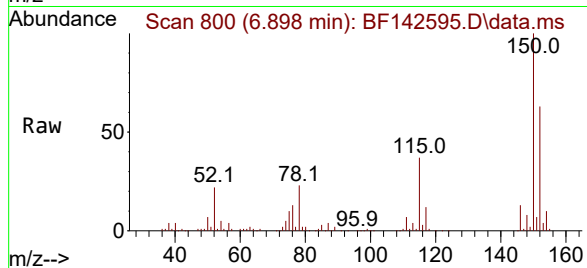
Quant Time: Jun 02 14:15:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

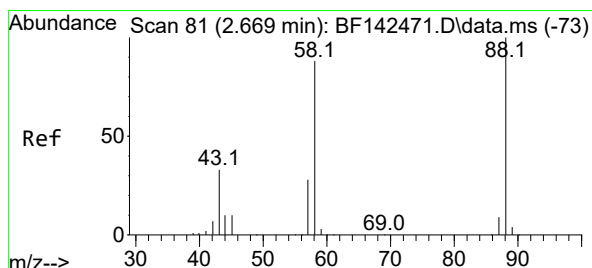
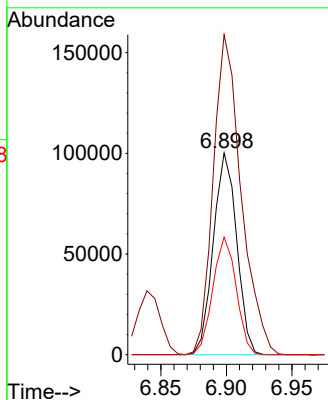
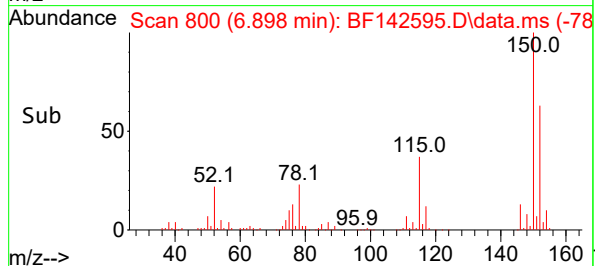
Instrument :
BNA_F
ClientSampleId :
PB168235BS



Tgt Ion:152 Resp: 124139
Ion Ratio Lower Upper
152 100
150 158.6 128.2 192.4
115 58.3 48.3 72.5

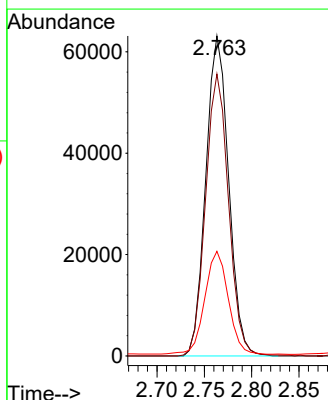
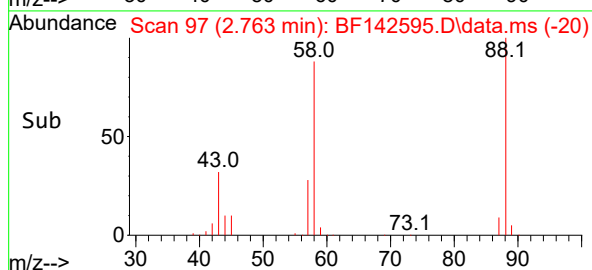
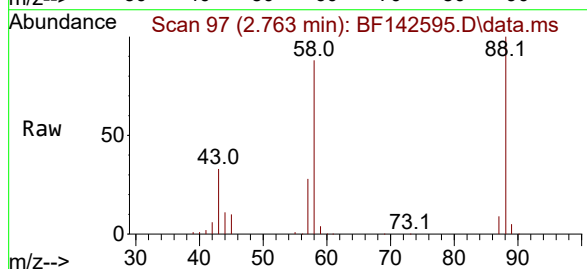
Manual Integrations
APPROVED

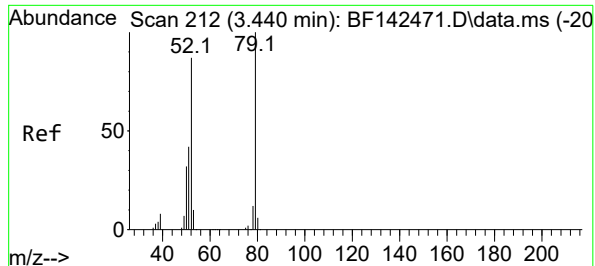
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#2
1,4-Dioxane
Concen: 36.010 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.100 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

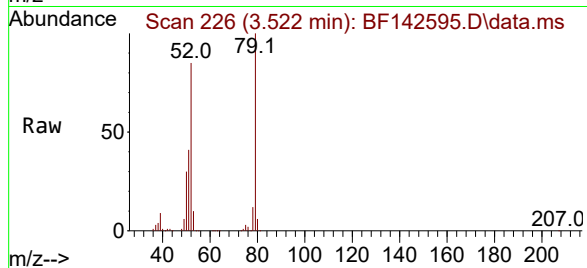
Tgt Ion: 88 Resp: 106175
Ion Ratio Lower Upper
88 100
58 88.8 70.8 106.2
43 33.1 26.6 40.0





#3
Pyridine
Concen: 39.832 ng
RT: 3.522 min Scan# 212
Delta R.T. 0.082 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

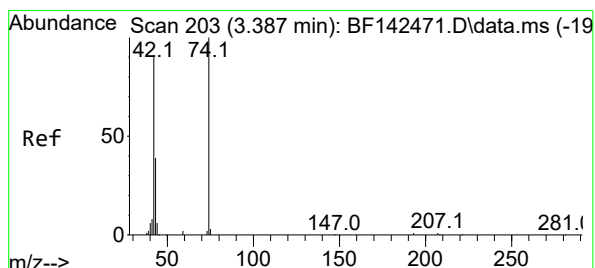
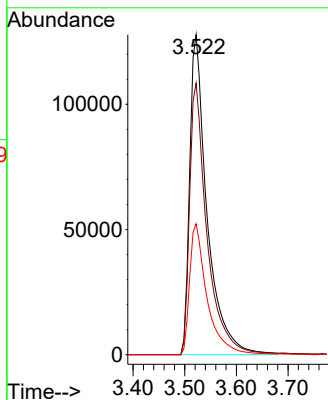
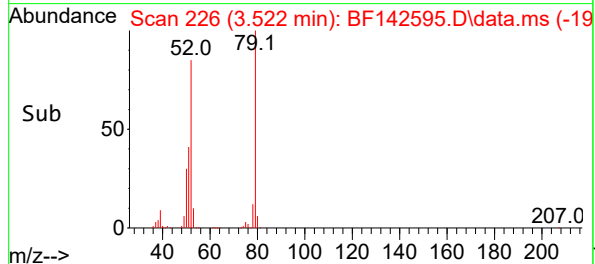
Instrument :
BNA_F
ClientSampleId :
PB168235BS



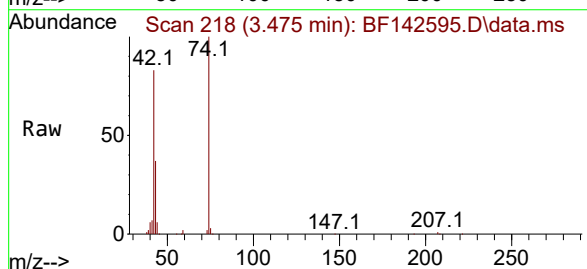
Tgt Ion: 79 Resp: 299070
Ion Ratio Lower Upper
79 100
52 84.9 69.2 103.8
51 40.9 33.3 49.9

Manual Integrations
APPROVED

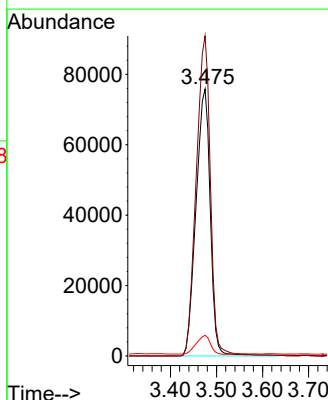
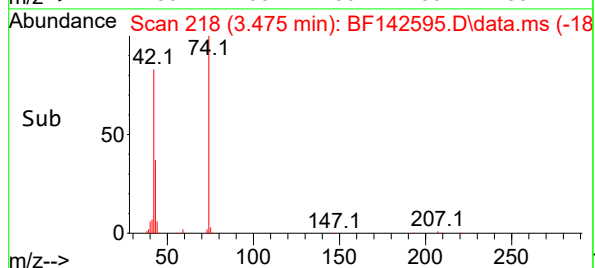
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

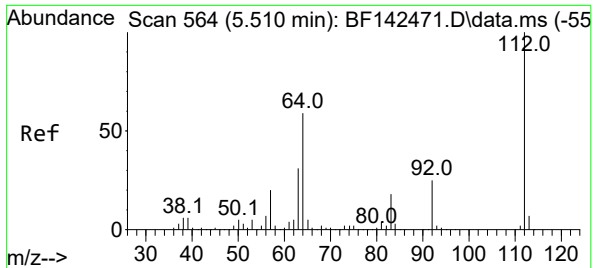


#4
n-Nitrosodimethylamine
Concen: 41.965 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.071 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



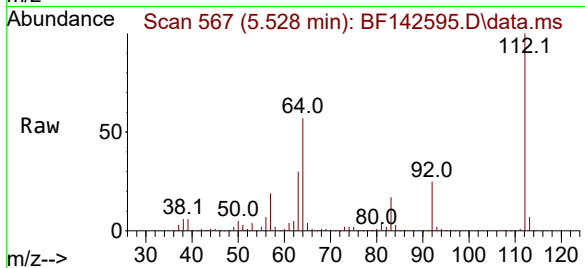
Tgt Ion: 42 Resp: 163603
Ion Ratio Lower Upper
42 100
74 119.9 88.2 132.4
44 7.7 5.4 8.2





#5
2-Fluorophenol
Concen: 123.042 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

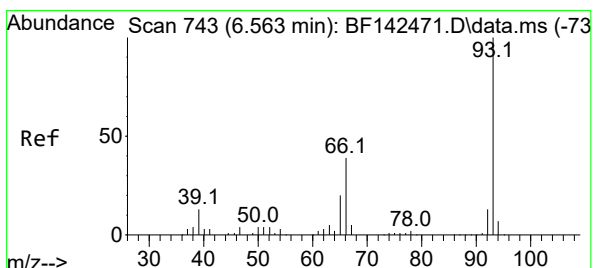
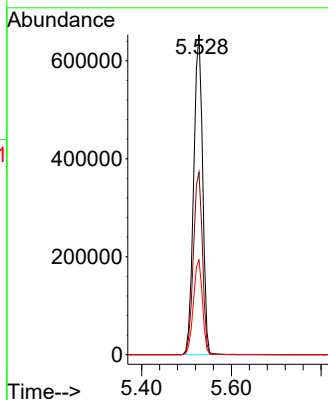
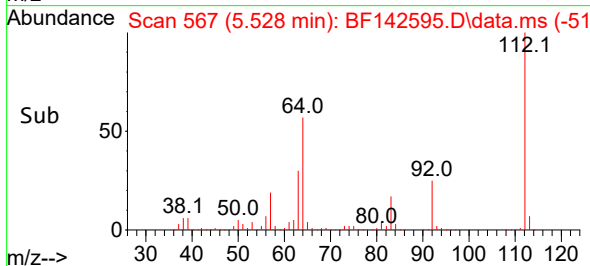
Instrument :
BNA_F
ClientSampleId :
PB168235BS



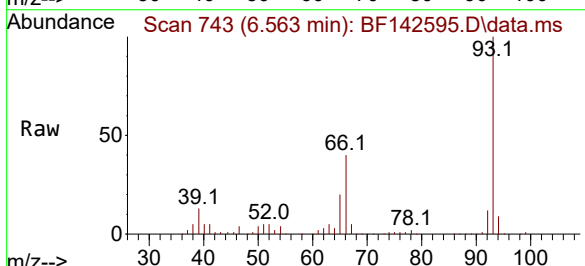
Tgt Ion:112 Resp: 906620
Ion Ratio Lower Upper
112 100
64 56.9 47.5 71.3
63 29.6 24.9 37.3

Manual Integrations
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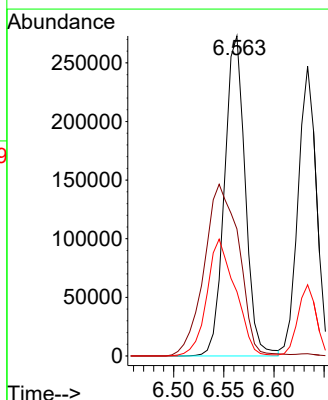
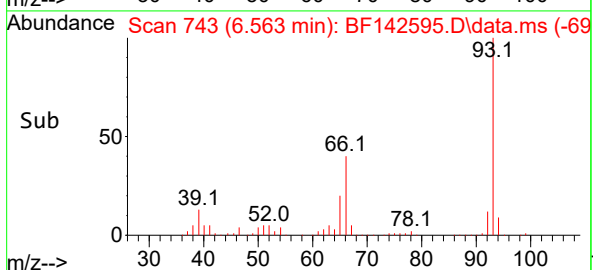
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

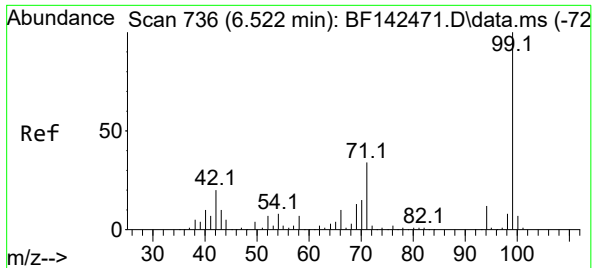


#6
Aniline
Concen: 32.799 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



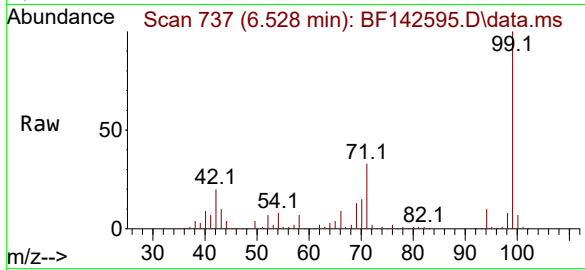
Tgt Ion: 93 Resp: 391173
Ion Ratio Lower Upper
93 100
66 39.7 32.0 48.0
65 20.1 16.1 24.1





#7
Phenol-d6
Concen: 124.522 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

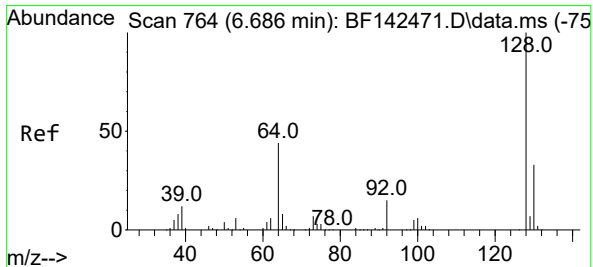
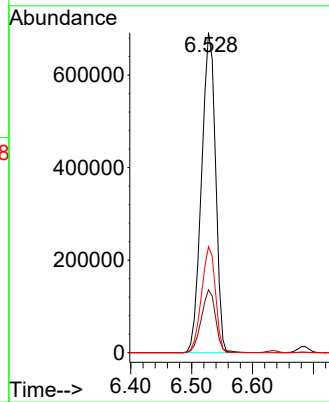
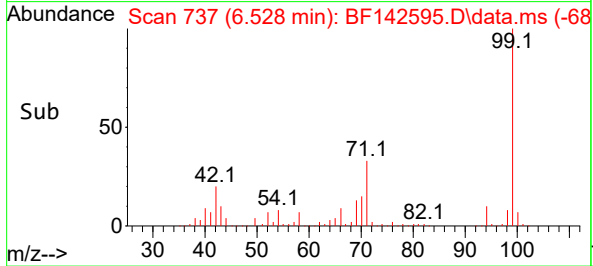
Instrument :
BNA_F
ClientSampleId :
PB168235BS



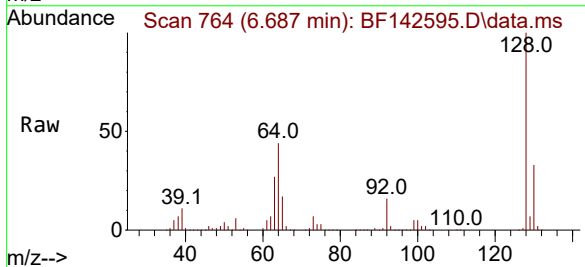
Tgt Ion: 99 Resp: 1104479
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.2 27.3 40.9

Manual Integrations
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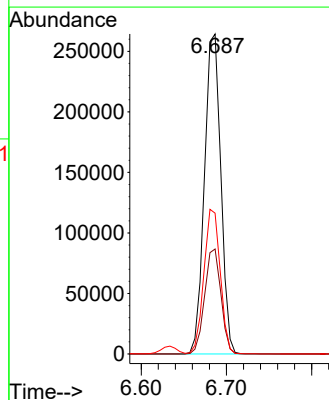
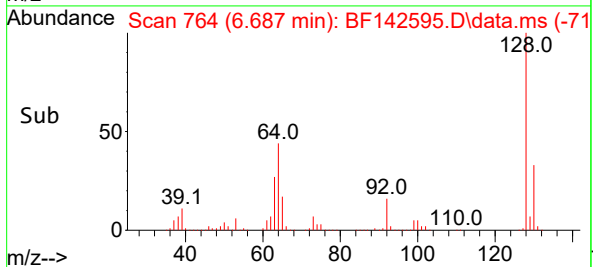
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

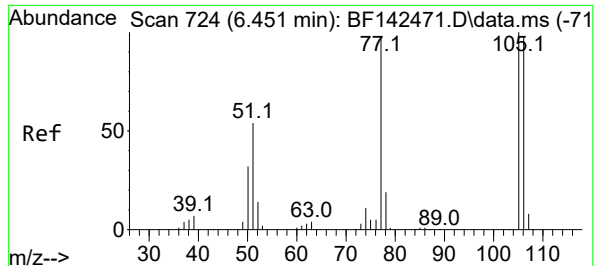


#8
2-Chlorophenol
Concen: 44.002 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



Tgt Ion:128 Resp: 353147
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 44.0 25.1 65.1





#9

Benzaldehyde

Concen: 34.329 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion: 77 Resp: 18313

Ion Ratio Lower Upper

77 100

105 104.1 82.5 122.5

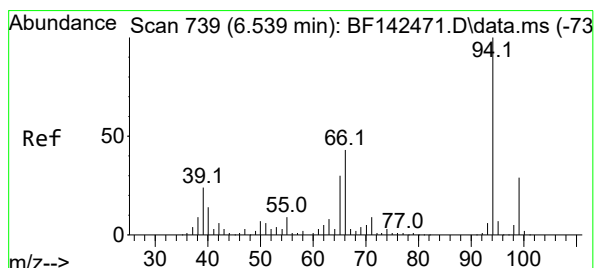
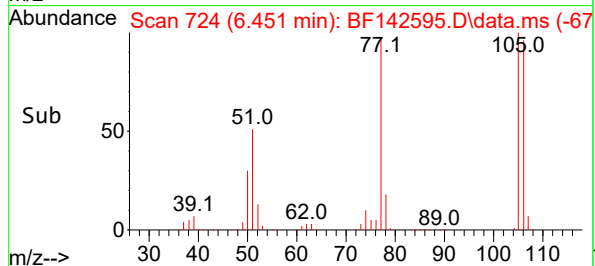
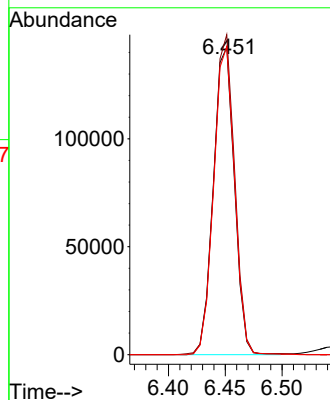
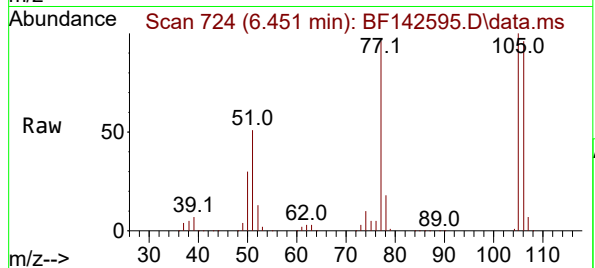
106 100.3 80.0 120.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#10

Phenol

Concen: 42.458 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

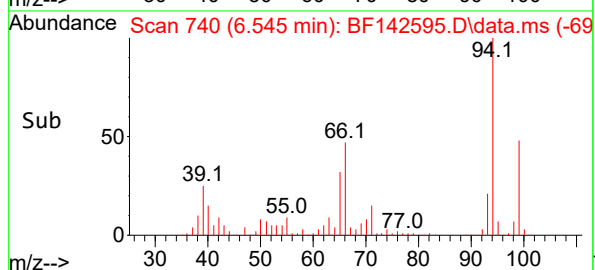
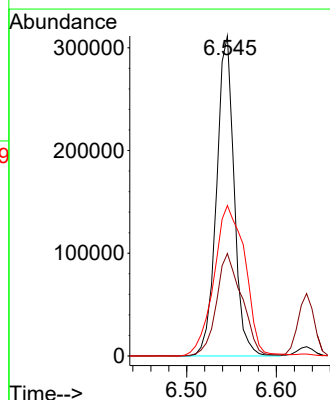
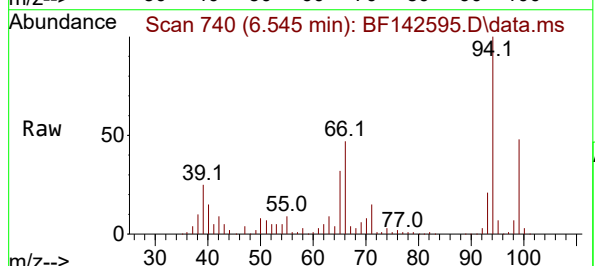
Tgt Ion: 94 Resp: 423745

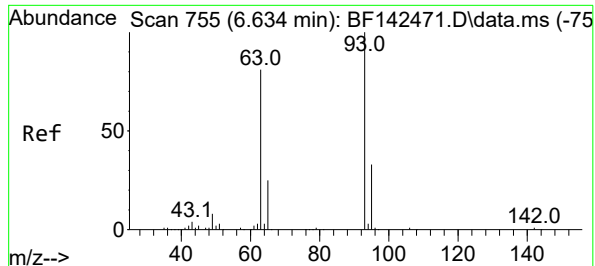
Ion Ratio Lower Upper

94 100

65 32.0 10.3 50.3

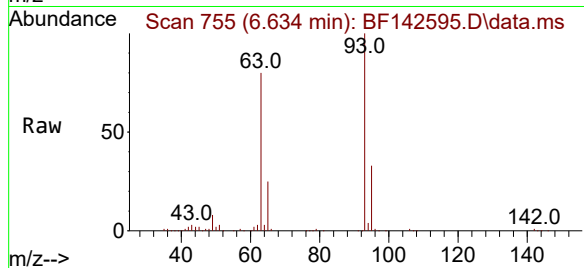
66 47.0 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 43.429 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

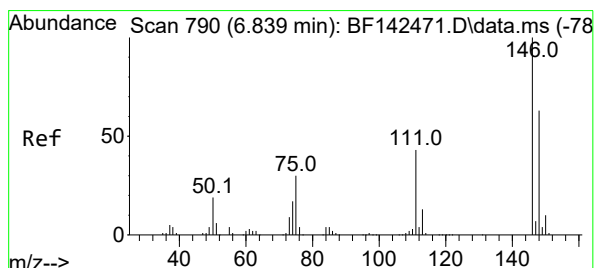
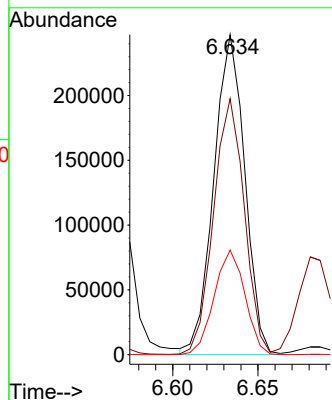
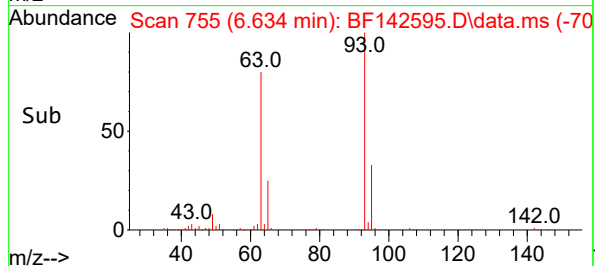
Instrument :
BNA_F
ClientSampleId :
PB168235BS



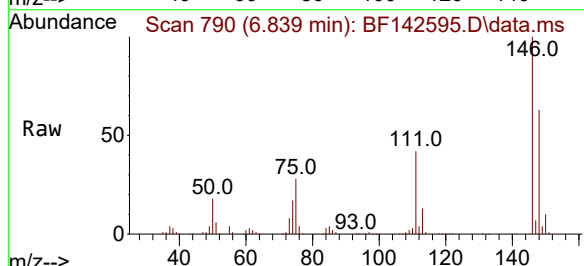
Tgt Ion: 93 Resp: 31200
Ion Ratio Lower Upper
93 100
63 80.0 60.2 100.2
95 32.7 12.3 52.3

Manual Integrations
APPROVED

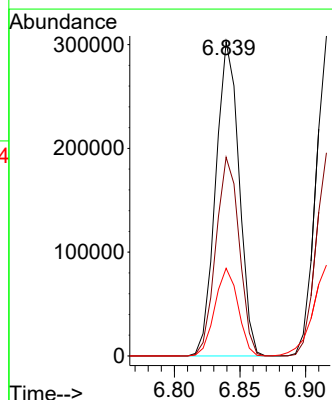
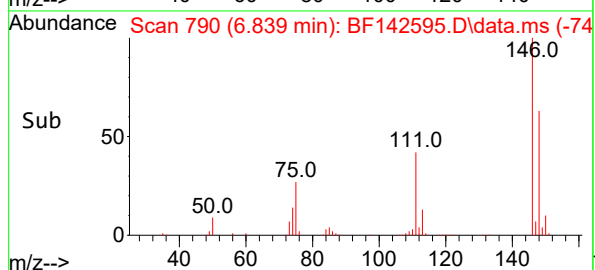
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

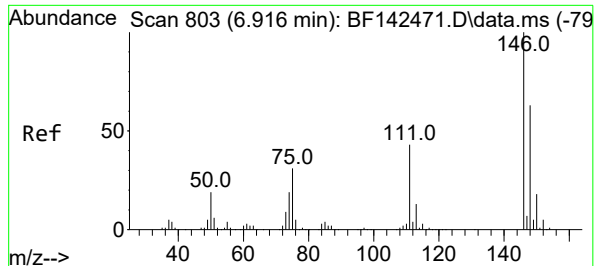


#12
1,3-Dichlorobenzene
Concen: 41.860 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



Tgt Ion:146 Resp: 374882
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
75 27.9 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 41.948 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion:146 Resp: 37841

Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

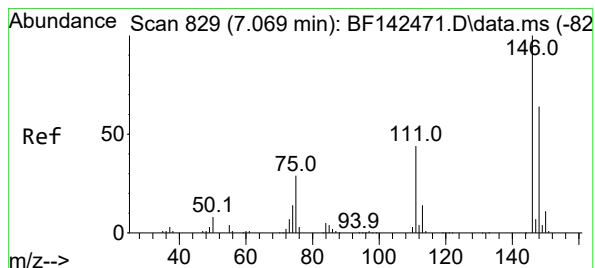
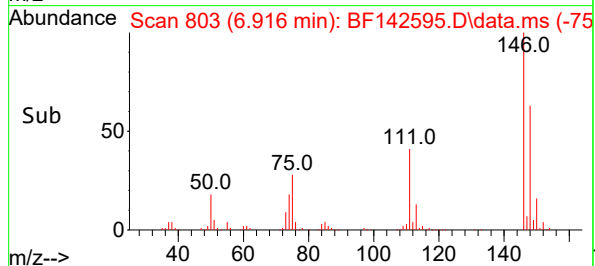
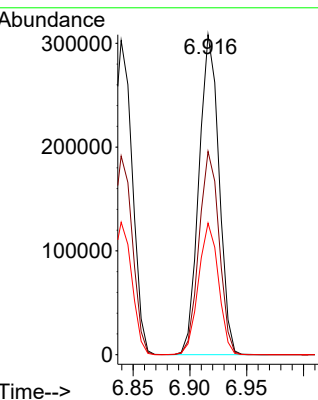
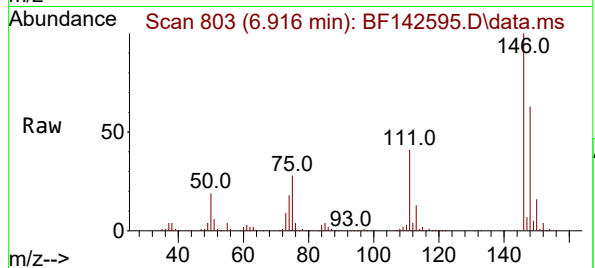
111 41.1 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#14

1,2-Dichlorobenzene

Concen: 41.990 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

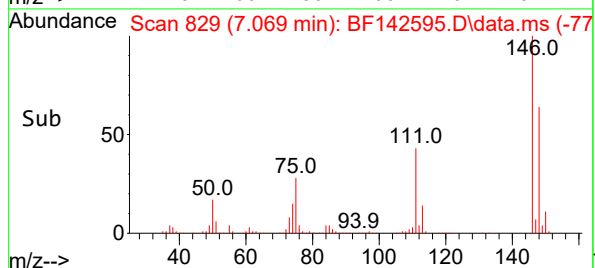
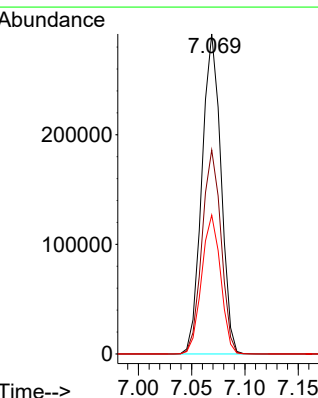
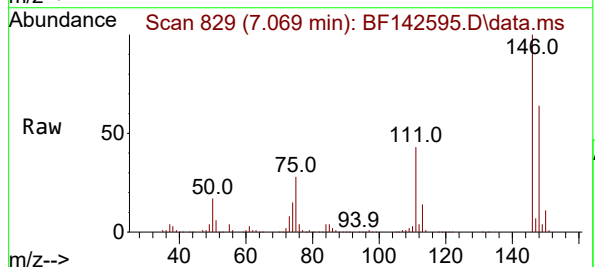
Tgt Ion:146 Resp: 362456

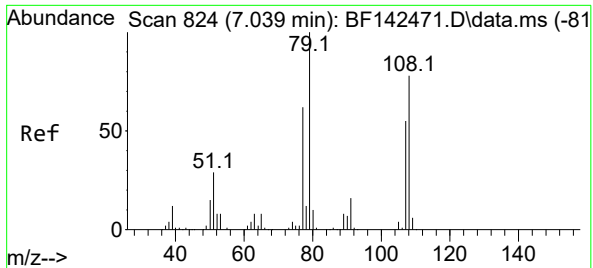
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 43.4 35.0 52.6





#15

Benzyl Alcohol

Concen: 43.298 ng

RT: 7.039 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion: 79 Resp: 283800

Ion Ratio Lower Upper

79 100

108 80.8 62.1 93.1

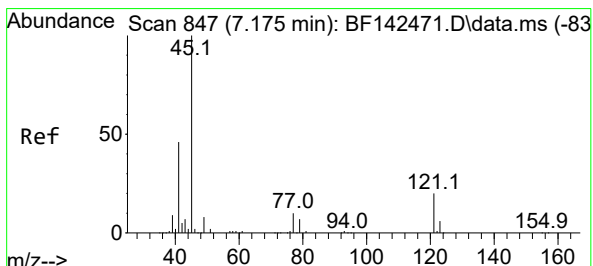
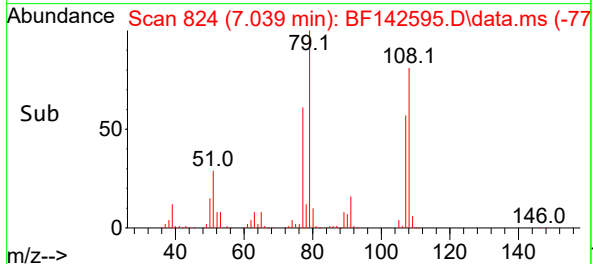
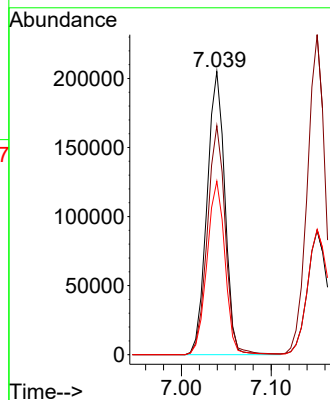
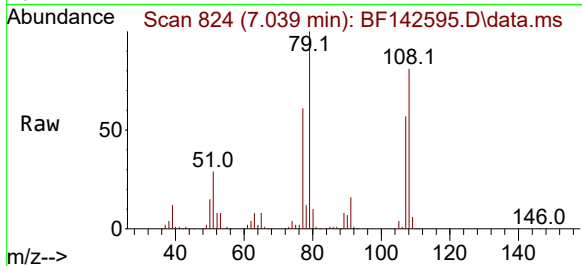
77 61.3 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.597 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

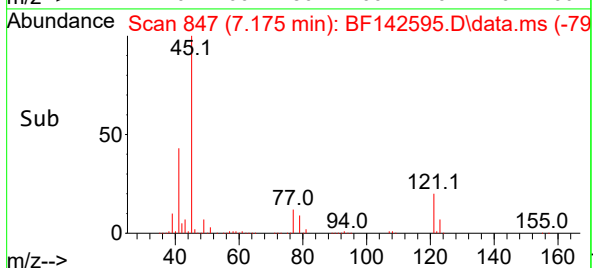
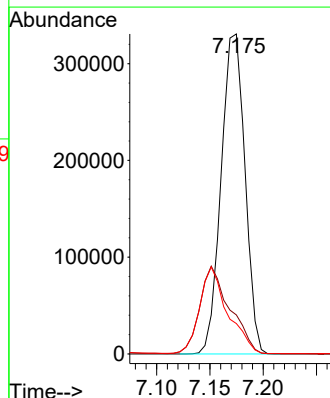
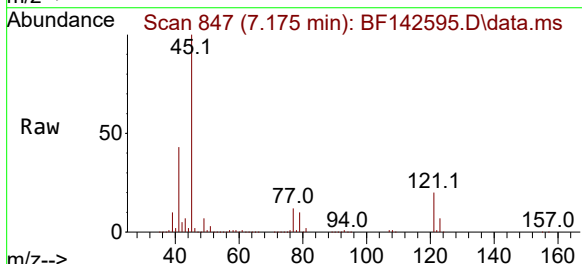
Tgt Ion: 45 Resp: 513926

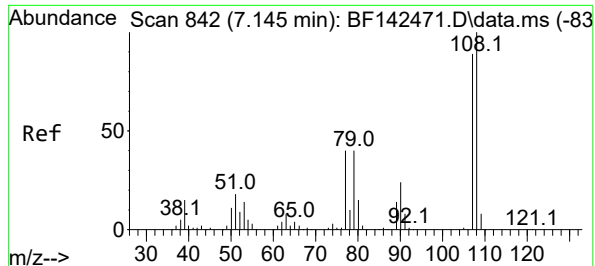
Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.0

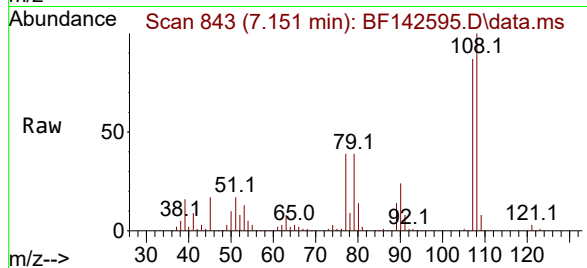
79 9.5 0.0 29.2





#17
2-Methylphenol
Concen: 44.146 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

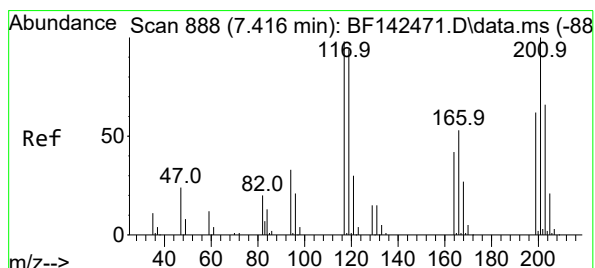
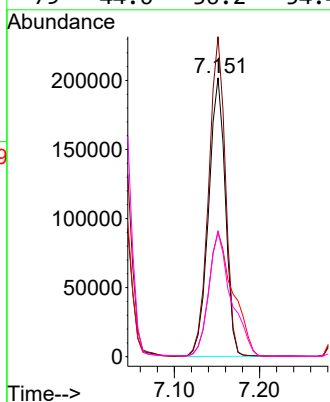
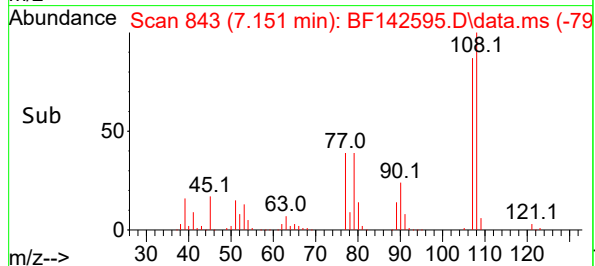
Instrument :
BNA_F
ClientSampleId :
PB168235BS



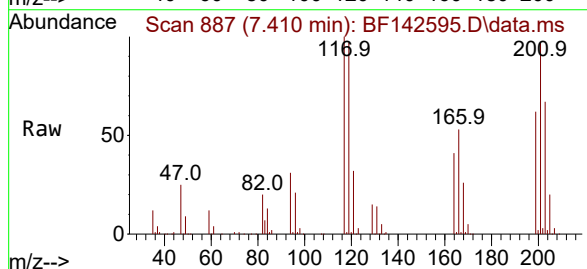
Tgt Ion:107 Resp: 27662
Ion Ratio Lower Upper
107 100
108 114.7 90.2 135.2
77 44.9 36.1 54.1
79 44.6 36.2 54.4

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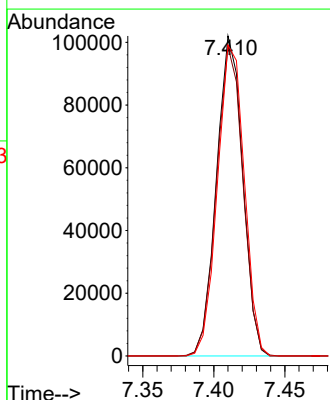
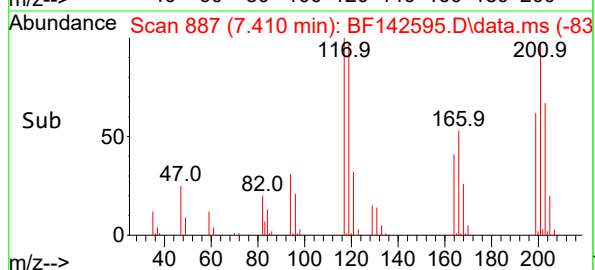
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

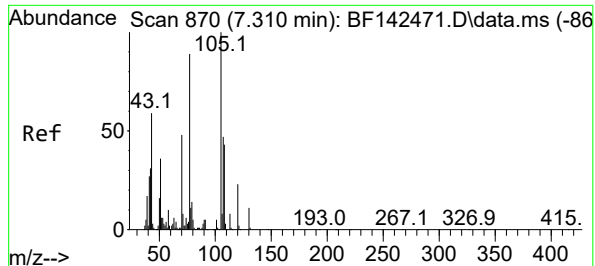


#18
Hexachloroethane
Concen: 41.620 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



Tgt Ion:117 Resp: 131101
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8
201 97.2 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.329 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142595.D

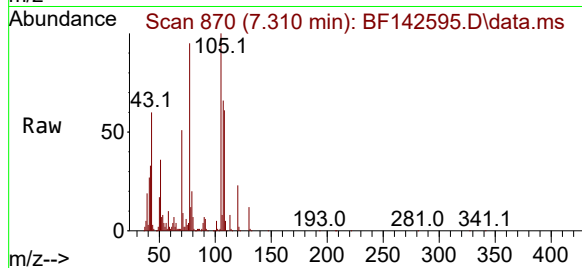
Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS



Tgt Ion: 70 Resp: 22719

Ion Ratio Lower Upper

70 100

42 64.0 52.4 78.6

101 10.0 7.8 11.8

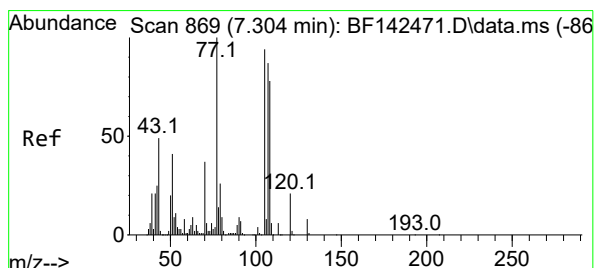
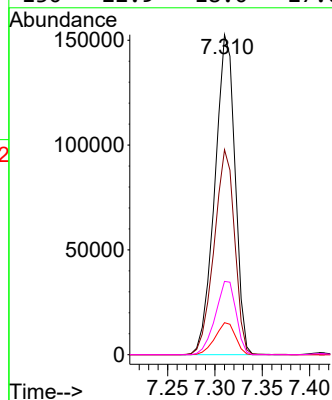
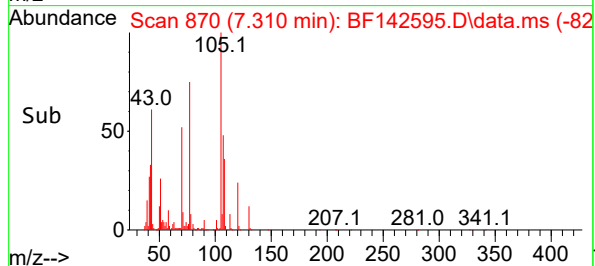
130 22.9 18.0 27.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#20

3+4-Methylphenols

Concen: 42.780 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Tgt Ion:107 Resp: 343279

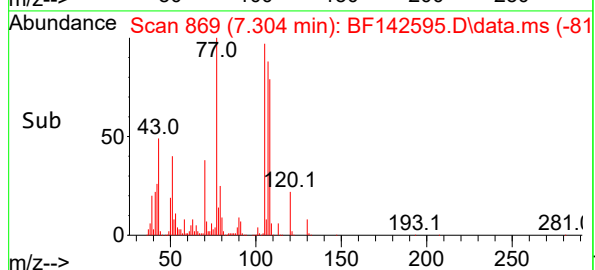
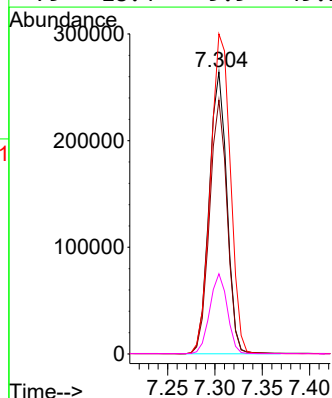
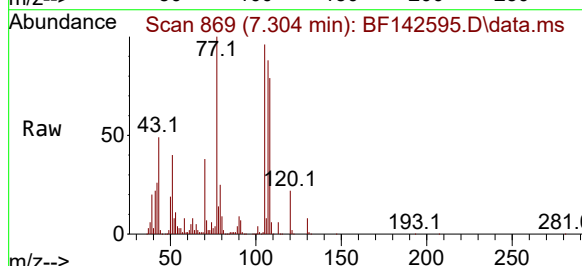
Ion Ratio Lower Upper

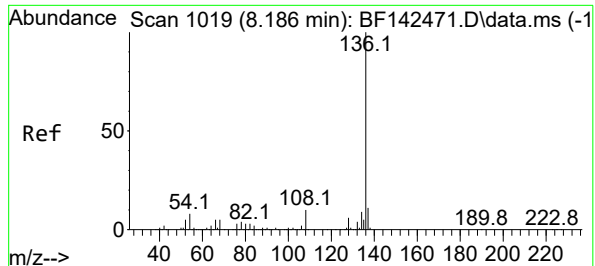
107 100

108 90.1 70.4 110.4

77 113.5 95.4 135.4

79 28.4 9.9 49.9





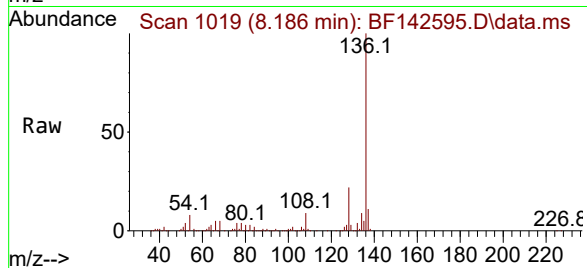
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

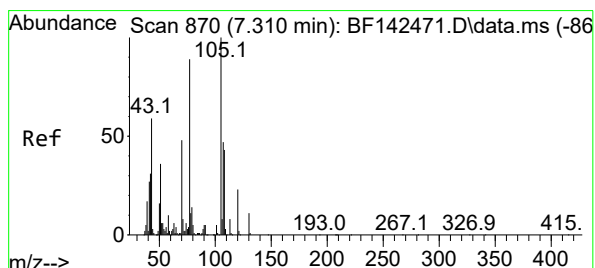
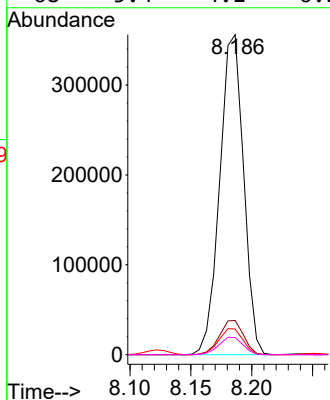
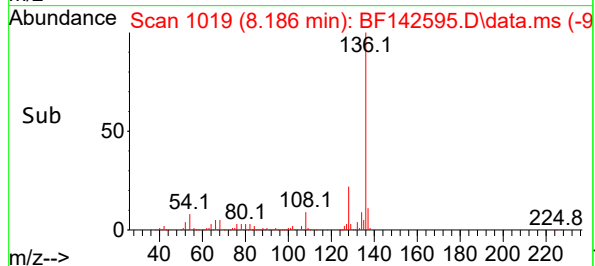


Tgt Ion:136 Resp: 485740
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.0 6.6 10.0
68 5.4 4.1 6.1

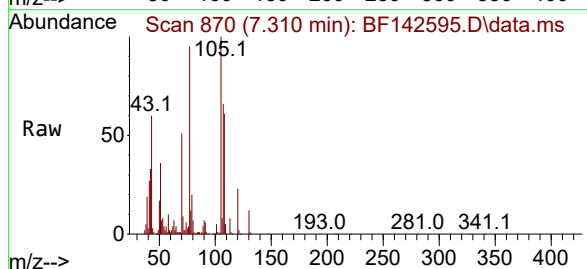
Manual Integrations

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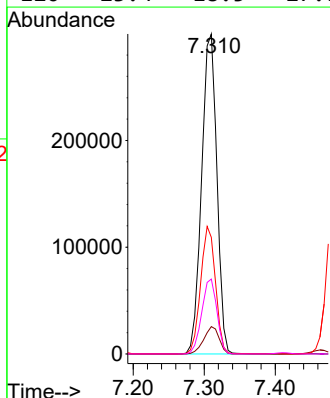
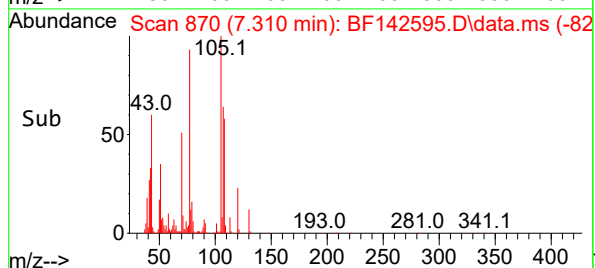
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

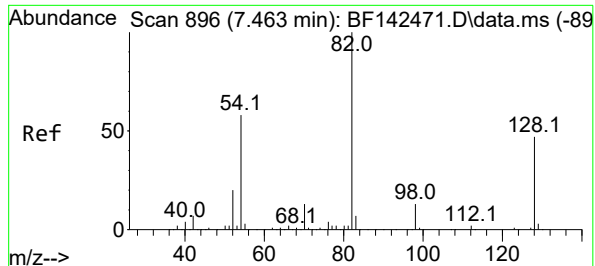


#22
Acetophenone
Concen: 41.666 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



Tgt Ion:105 Resp: 448031
Ion Ratio Lower Upper
105 100
71 8.5 6.4 9.6
51 36.5 28.6 42.8
120 23.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 76.222 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion: 82 Resp: 67899

Ion Ratio Lower Upper

82 100

128 48.3 37.4 56.2

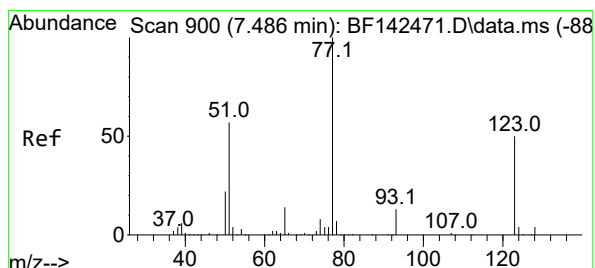
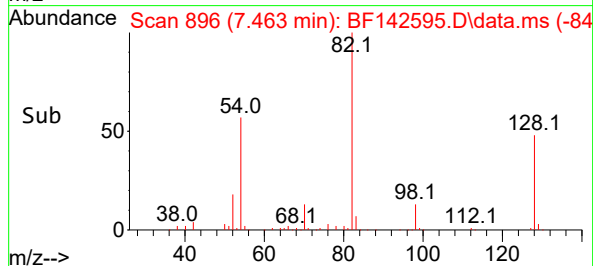
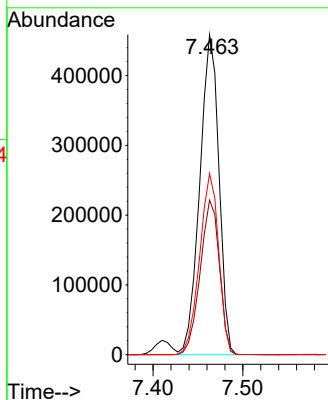
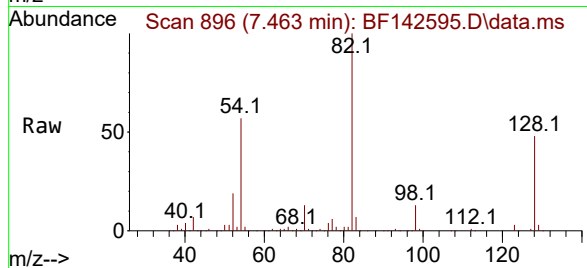
54 56.5 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#24

Nitrobenzene

Concen: 42.906 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

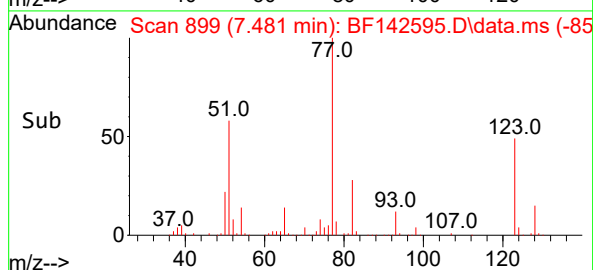
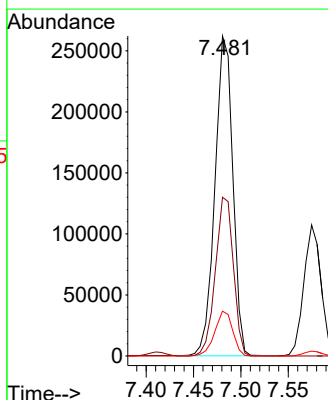
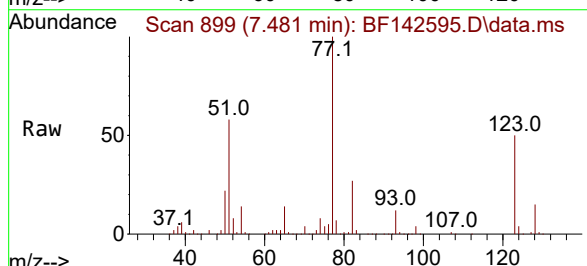
Tgt Ion: 77 Resp: 344719

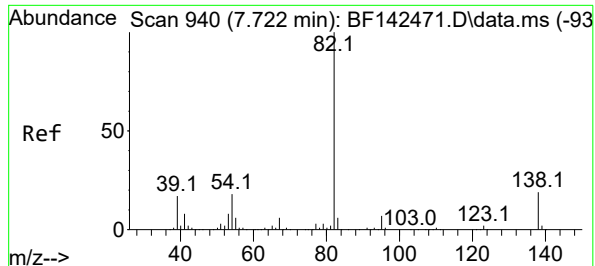
Ion Ratio Lower Upper

77 100

123 49.6 40.6 61.0

65 14.0 11.4 17.2





#25

Isophorone

Concen: 42.214 ng

RT: 7.722 min Scan# 940

Delta R.T. -0.012 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion: 82 Resp: 628729

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

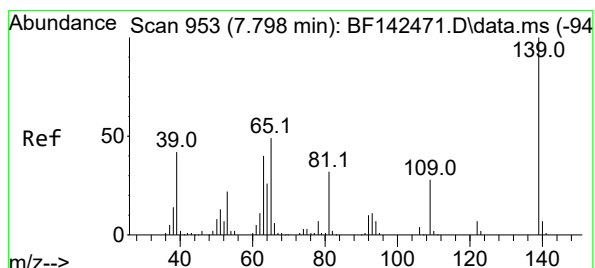
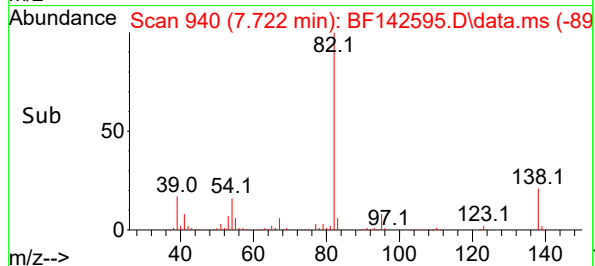
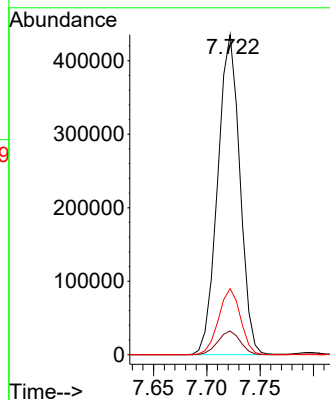
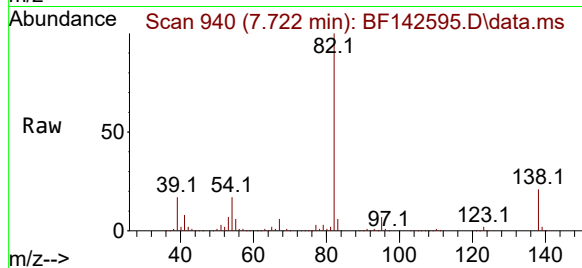
138 20.6 15.5 23.3

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#26

2-Nitrophenol

Concen: 45.139 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

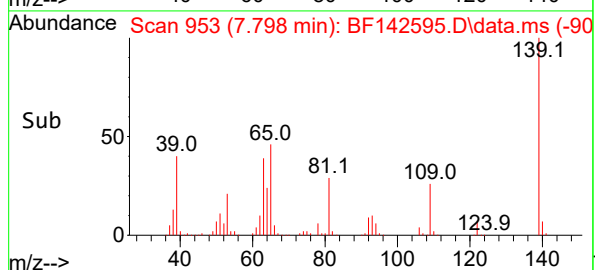
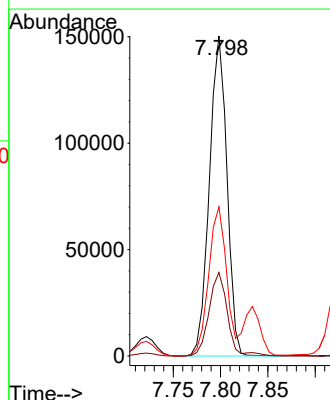
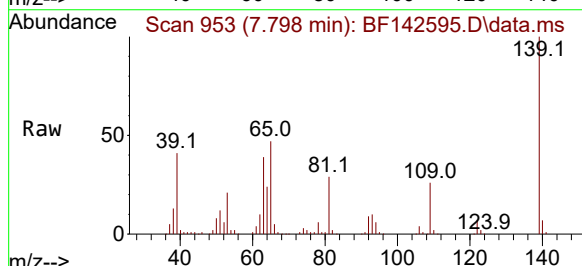
Tgt Ion:139 Resp: 193780

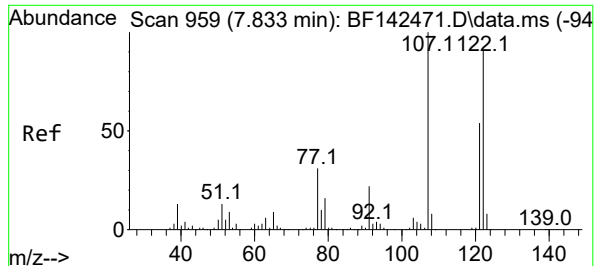
Ion Ratio Lower Upper

139 100

109 26.1 22.6 33.8

65 46.6 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 44.225 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion:122 Resp: 334818

Ion Ratio Lower Upper

122 100

107 108.0 88.1 132.1

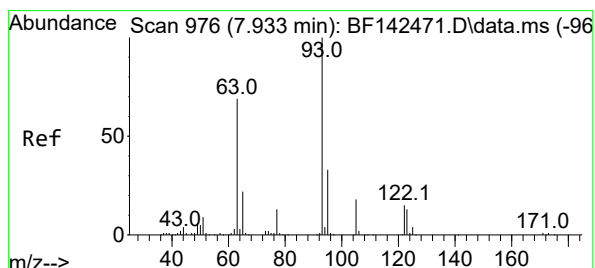
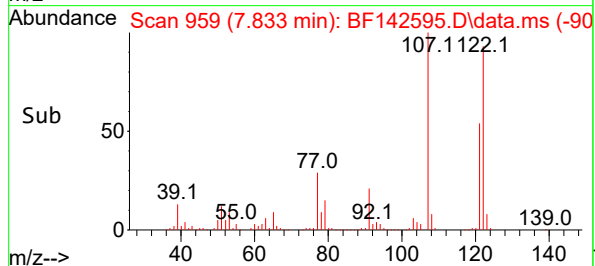
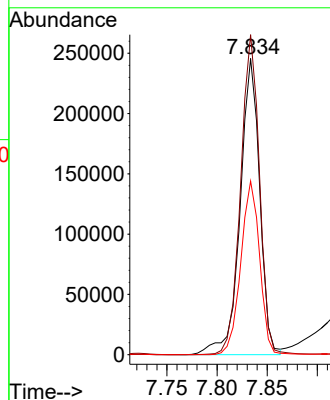
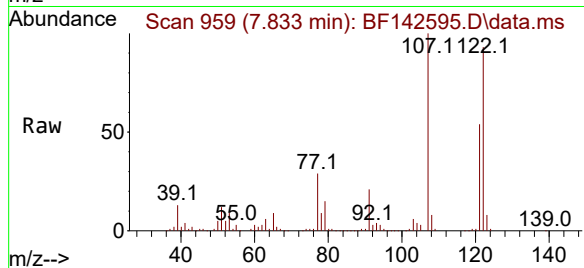
121 58.6 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.916 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

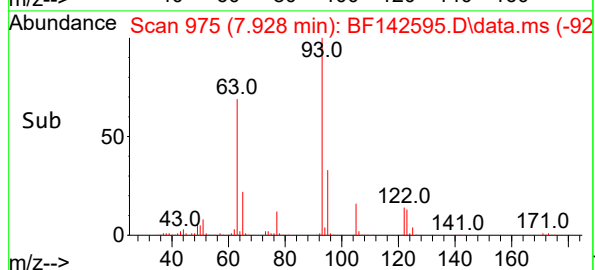
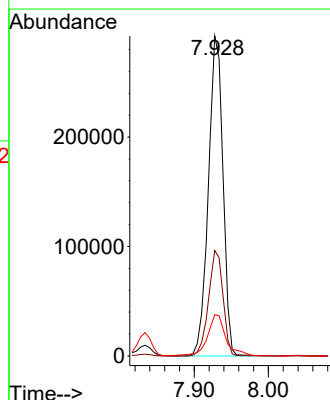
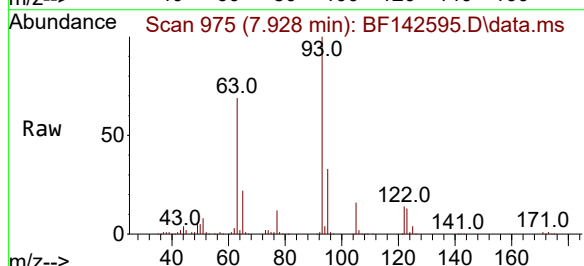
Tgt Ion: 93 Resp: 399276

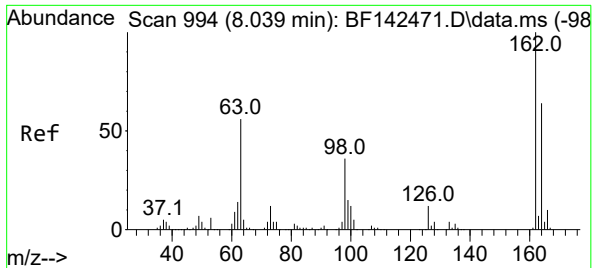
Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

123 12.9 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 44.429 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion:162 Resp: 30589

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

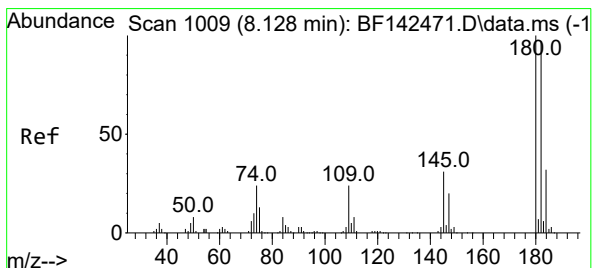
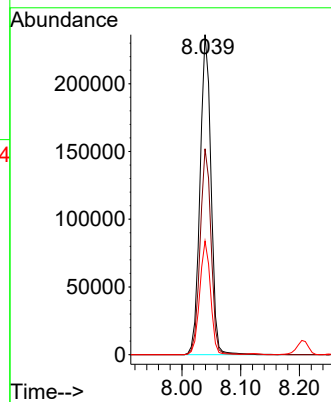
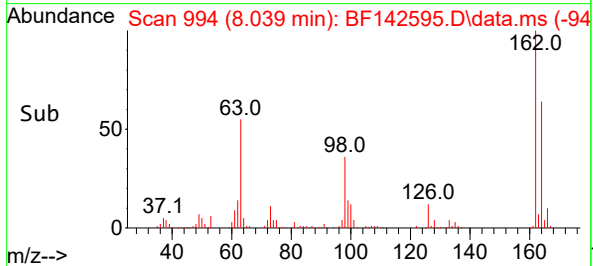
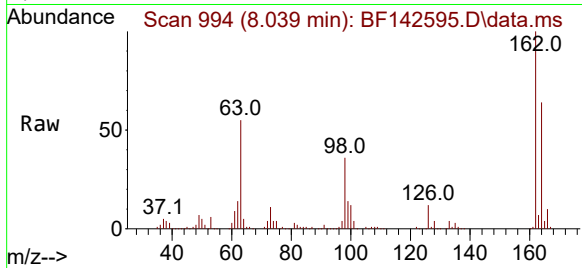
98 35.5 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.597 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

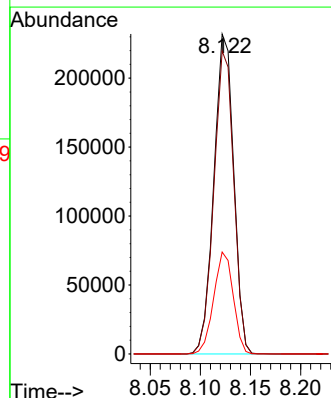
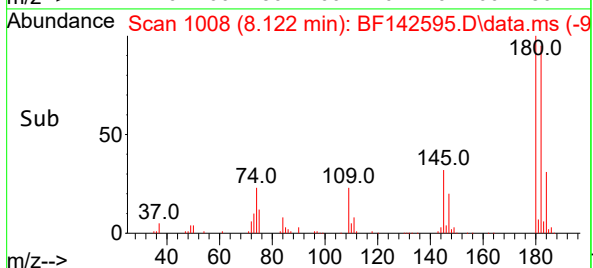
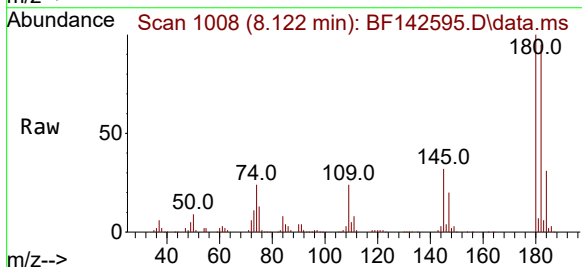
Tgt Ion:180 Resp: 318291

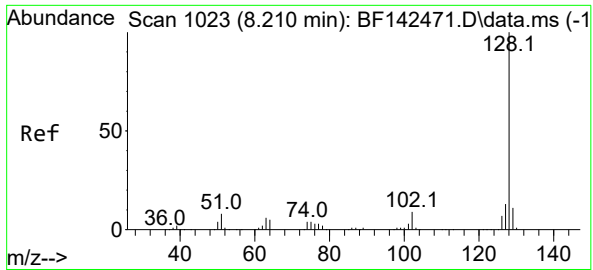
Ion Ratio Lower Upper

180 100

182 94.7 78.0 117.0

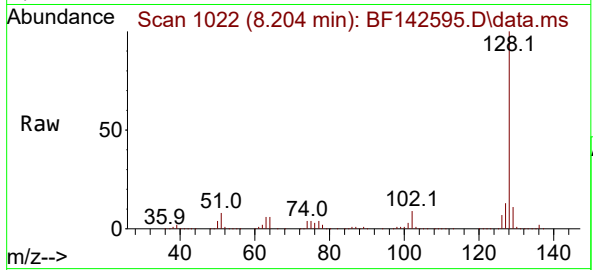
145 31.9 25.0 37.6





#31
Naphthalene
Concen: 42.414 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

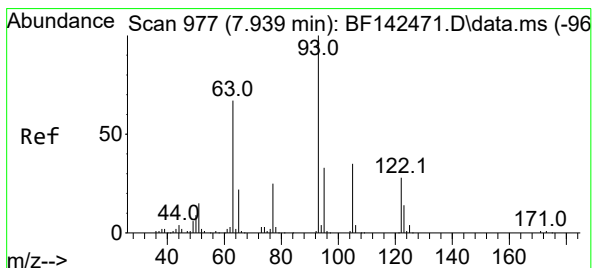
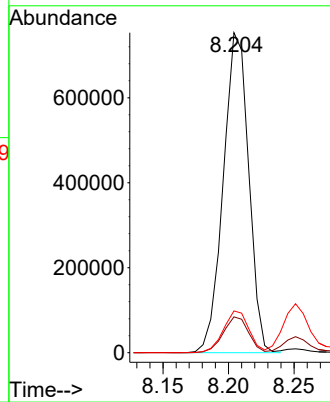
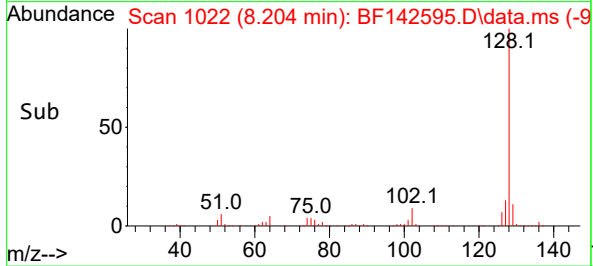
Instrument :
BNA_F
ClientSampleId :
PB168235BS



Tgt Ion:128 Resp: 101445
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.5 15.7

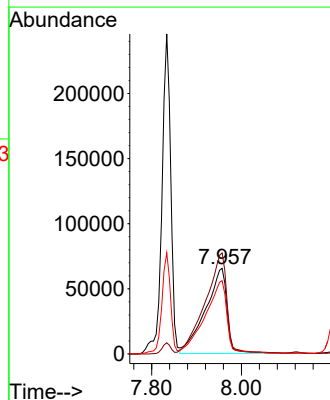
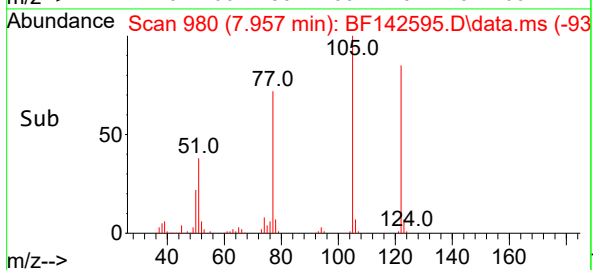
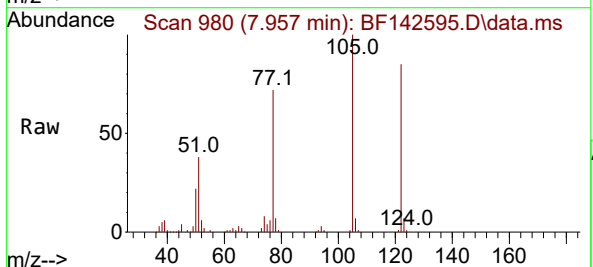
Manual Integrations
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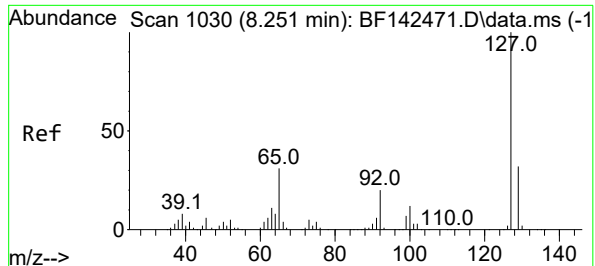
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#32
Benzoic acid
Concen: 47.422 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:122 Resp: 218542
Ion Ratio Lower Upper
122 100
105 118.2 101.7 141.7
77 85.6 69.5 109.5





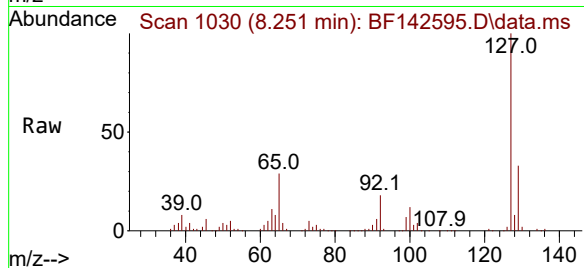
#33
4-Chloroaniline
Concen: 18.230 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS



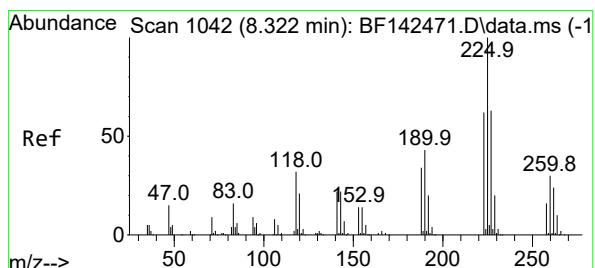
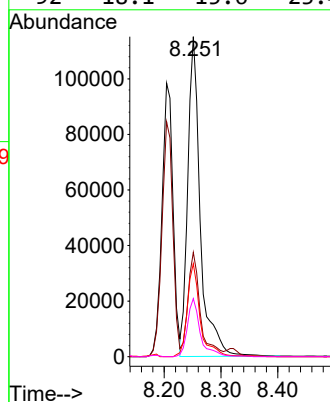
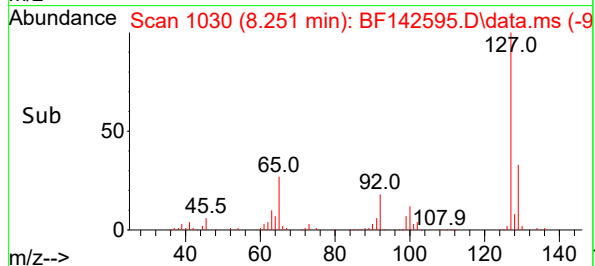
Tgt Ion:127 Resp: 17667
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1
65 29.0 24.9 37.3
92 18.1 15.6 23.4

Manual Integrations

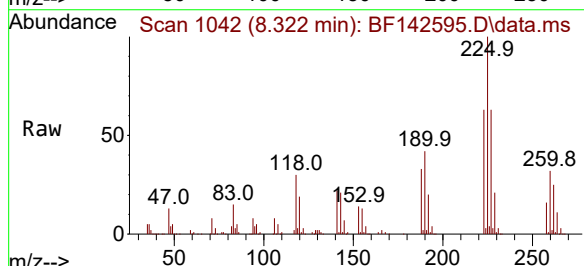
APPROVED

Reviewed By :Rahul Chavli 06/03/2025

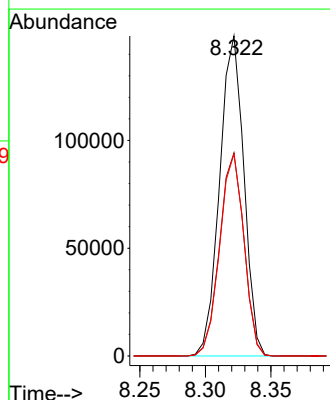
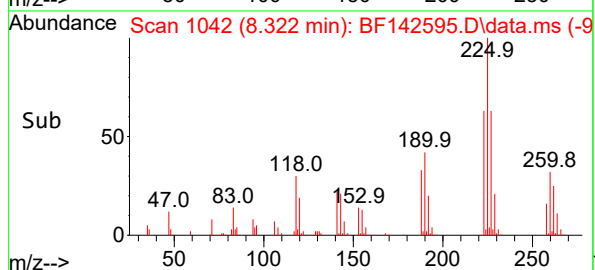
Supervised By :Jagrut Upadhyay 06/03/2025

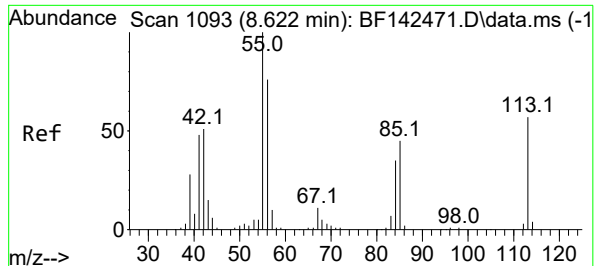


#34
Hexachlorobutadiene
Concen: 40.867 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



Tgt Ion:225 Resp: 190668
Ion Ratio Lower Upper
225 100
223 63.5 49.7 74.5
227 63.1 50.3 75.5





#35

Caprolactam

Concen: 51.700 ng m

RT: 8.622 min Scan# 1093

Delta R.T. -0.023 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion:113 Resp: 9997

Ion Ratio Lower Upper

113 100

55 178.0 154.7 194.7

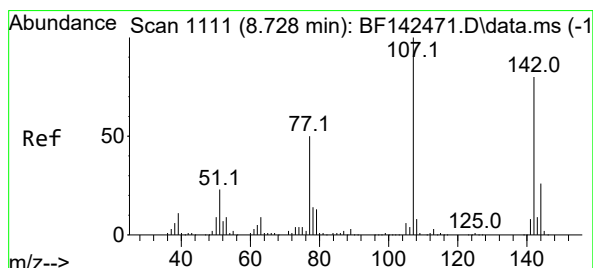
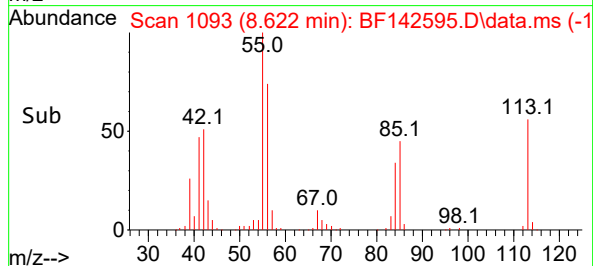
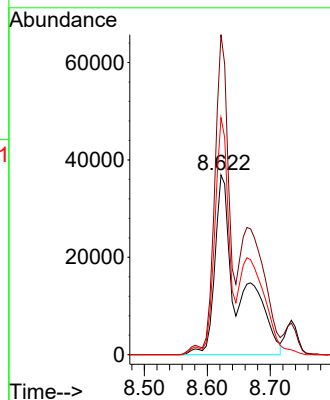
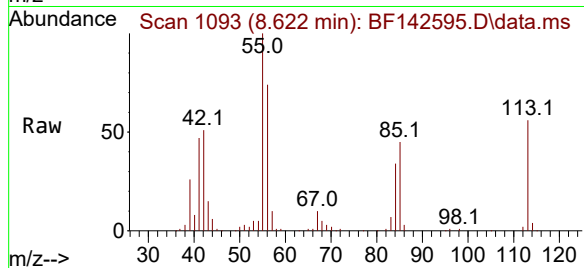
56 131.8 113.2 153.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#36

4-Chloro-3-methylphenol

Concen: 45.134 ng

RT: 8.733 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

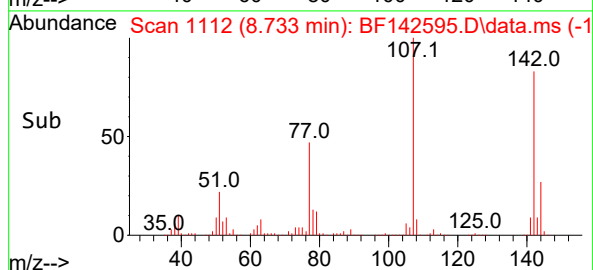
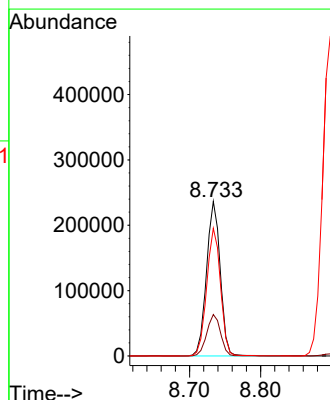
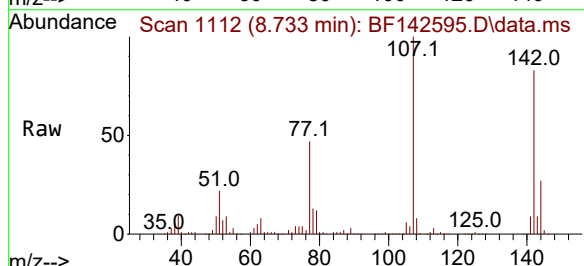
Tgt Ion:107 Resp: 318462

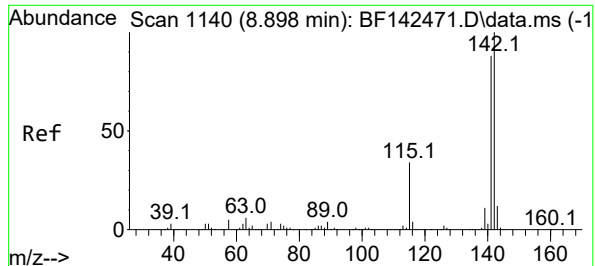
Ion Ratio Lower Upper

107 100

144 26.9 20.9 31.3

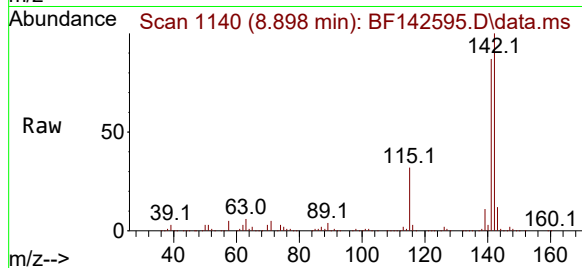
142 82.6 64.2 96.2





#37
2-Methylnaphthalene
Concen: 42.405 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

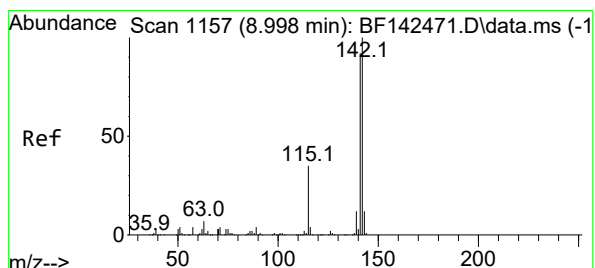
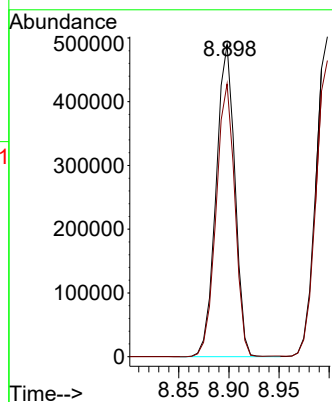
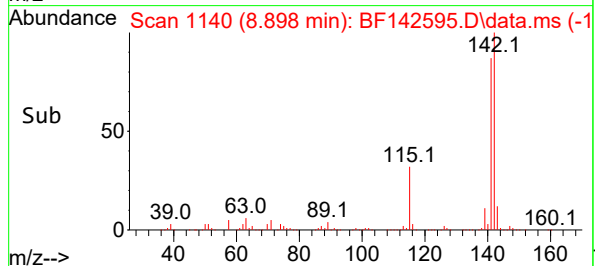
Instrument :
BNA_F
ClientSampleId :
PB168235BS



Tgt Ion:142 Resp: 638084
Ion Ratio Lower Upper
142 100
141 87.4 70.7 106.1

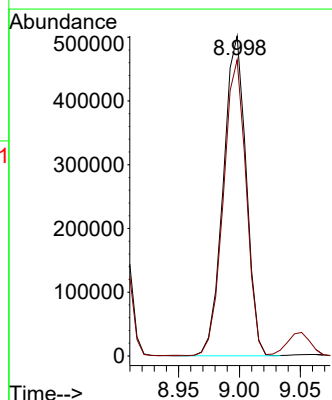
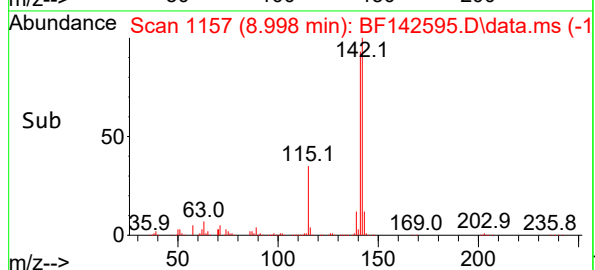
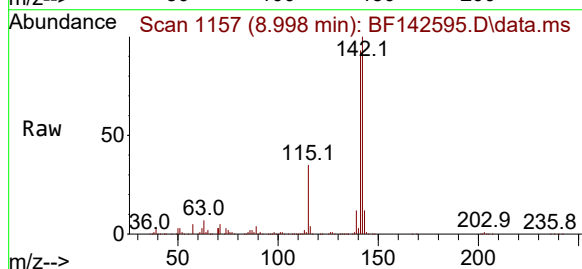
Manual Integrations
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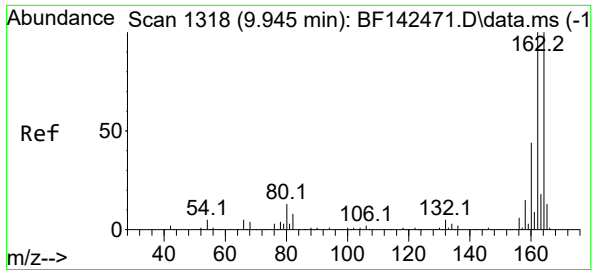
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#38
1-Methylnaphthalene
Concen: 42.048 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:142 Resp: 654458
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF142595.D

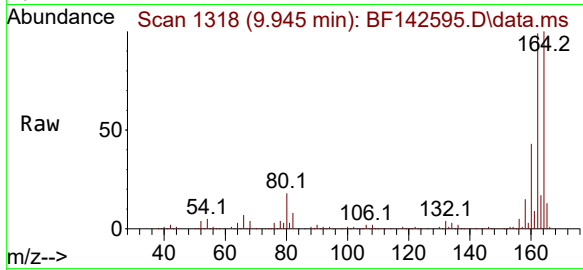
Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS



Tgt Ion:164 Resp: 271698

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.4

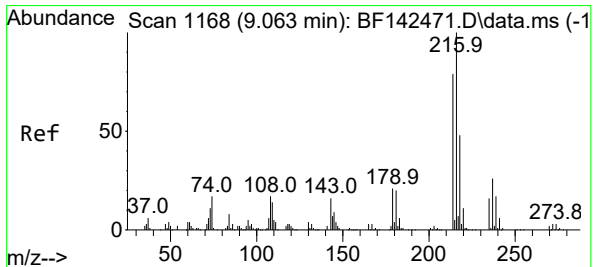
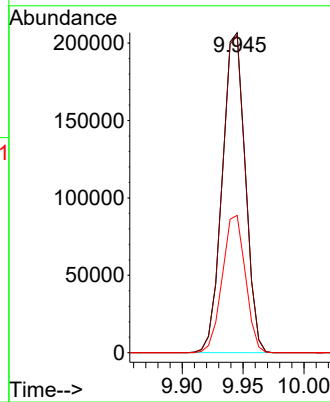
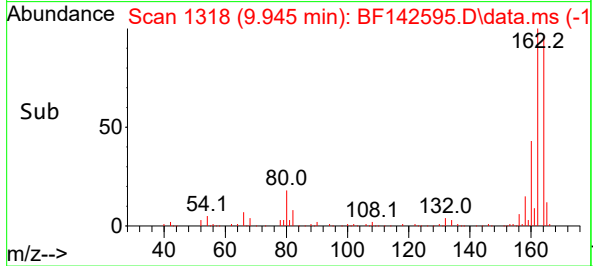
160 42.9 35.6 53.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.480 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Tgt Ion:216 Resp: 323517

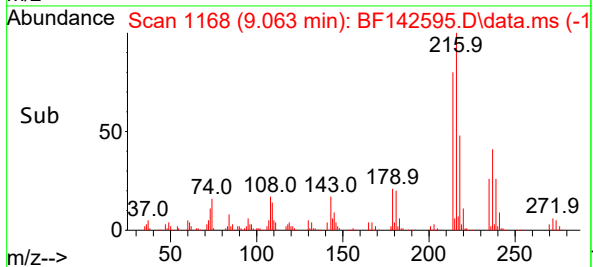
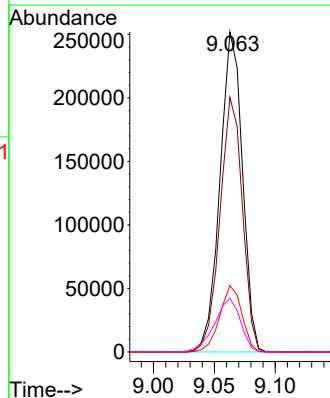
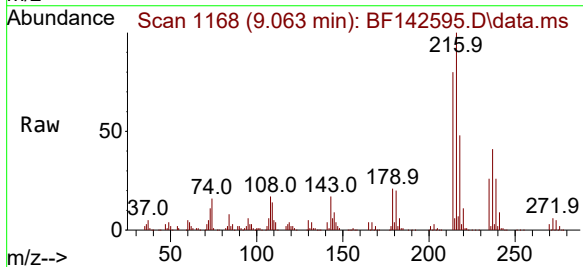
Ion Ratio Lower Upper

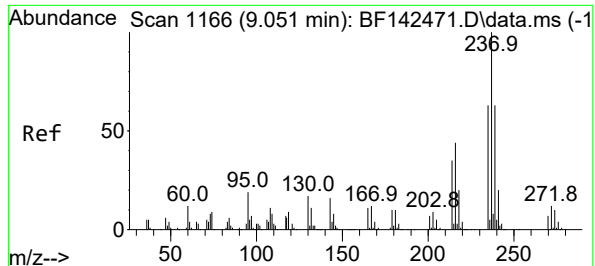
216 100

214 79.3 62.9 94.3

179 20.6 16.9 25.3

108 19.3 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 80.672 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion:237 Resp: 424440

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

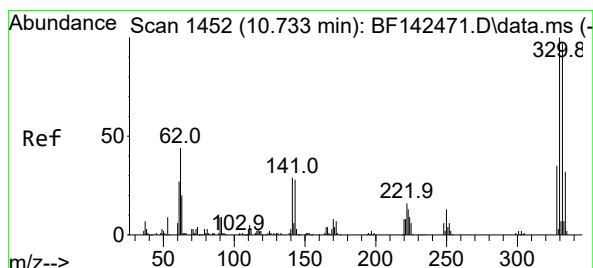
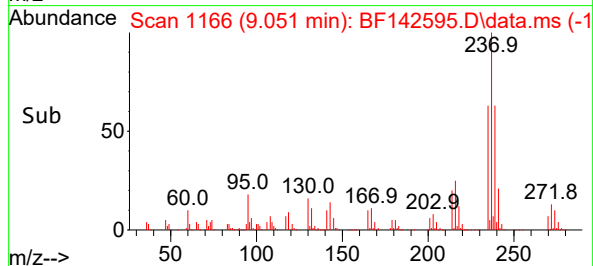
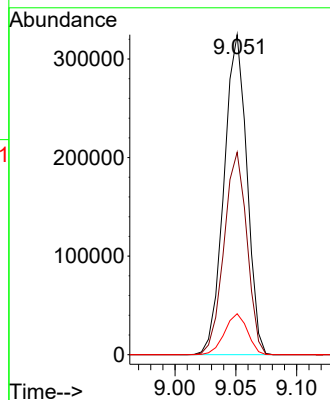
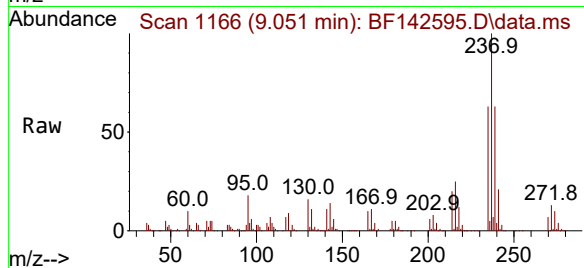
272 12.8 0.0 32.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#42

2,4,6-Tribromophenol

Concen: 127.143 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

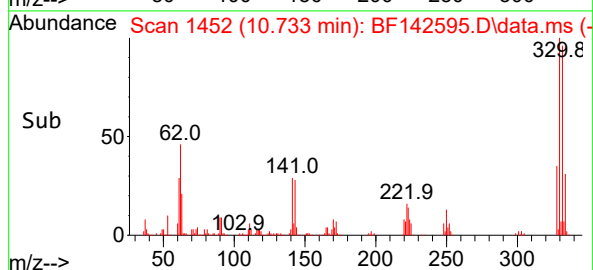
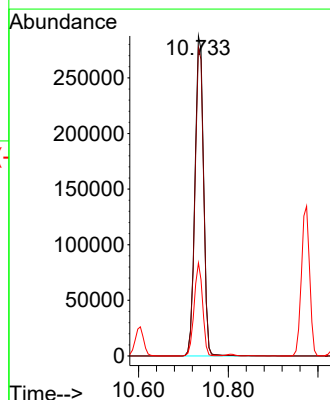
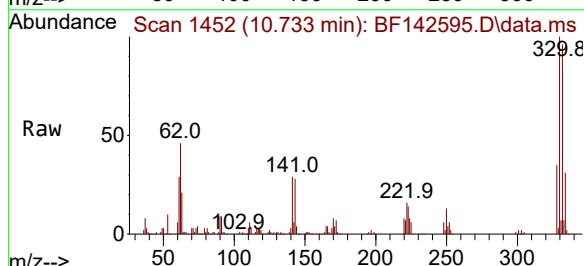
Tgt Ion:330 Resp: 383400

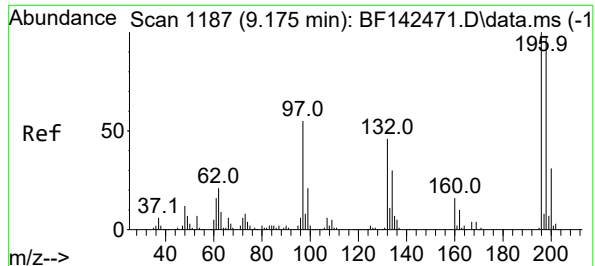
Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

141 28.5 24.6 36.8





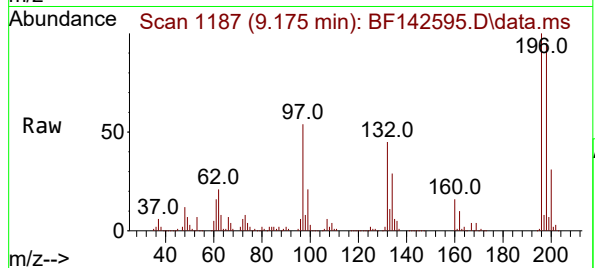
#43
2,4,6-Trichlorophenol
Concen: 43.281 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

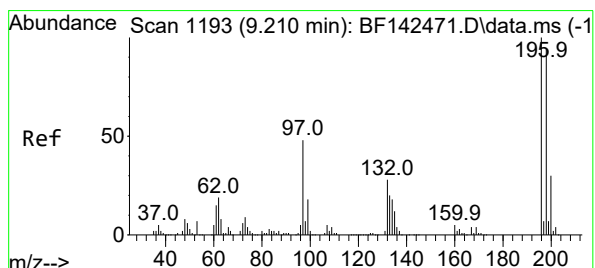
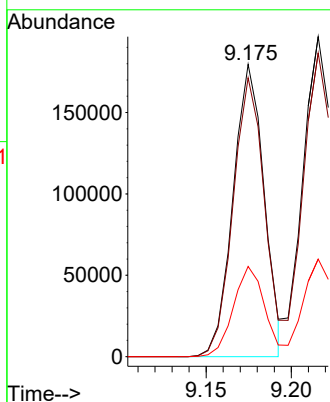
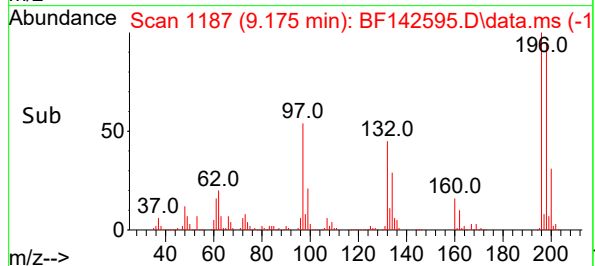


Tgt Ion:196 Resp: 227629
Ion Ratio Lower Upper
196 100
198 95.4 78.8 118.2
200 30.9 24.9 37.3

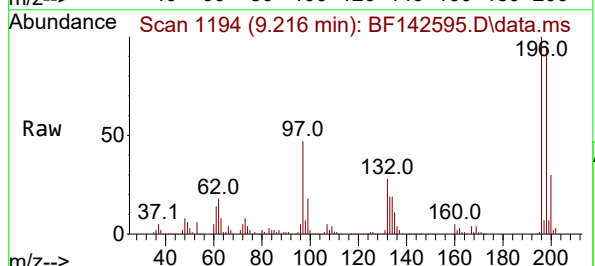
Manual Integrations

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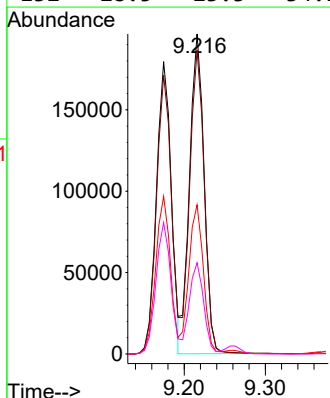
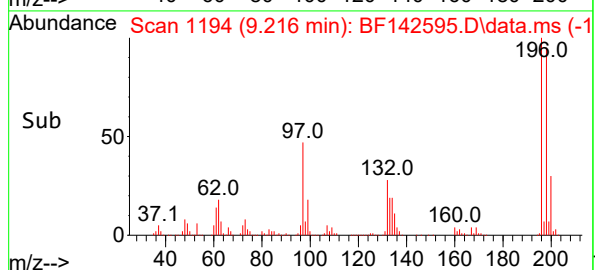
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

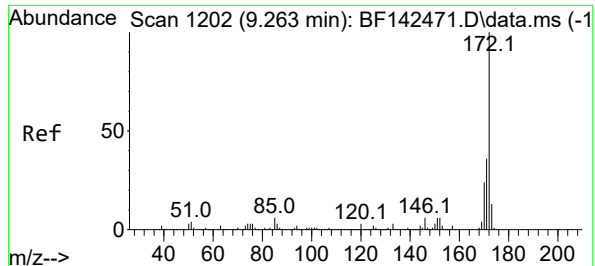


#44
2,4,5-Trichlorophenol
Concen: 44.440 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



Tgt Ion:196 Resp: 246489
Ion Ratio Lower Upper
196 100
198 94.9 75.5 113.3
97 46.6 39.3 58.9
132 28.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.975 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion:172 Resp: 1457340

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

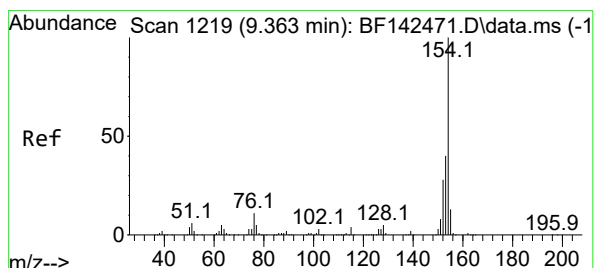
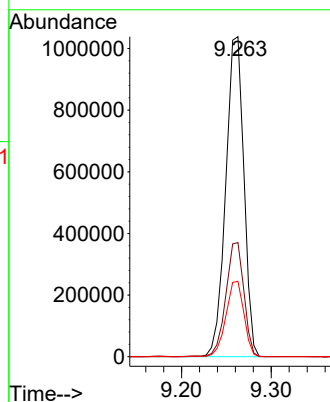
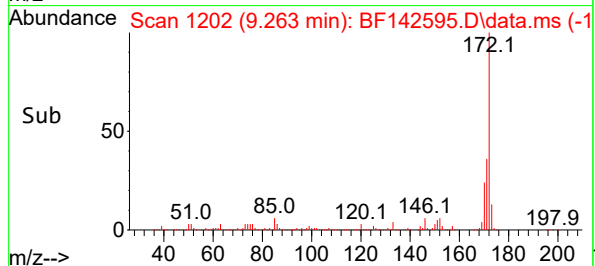
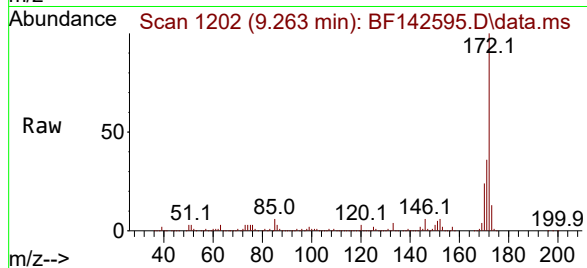
170 23.5 18.9 28.3

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#46

1,1'-Biphenyl

Concen: 42.247 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

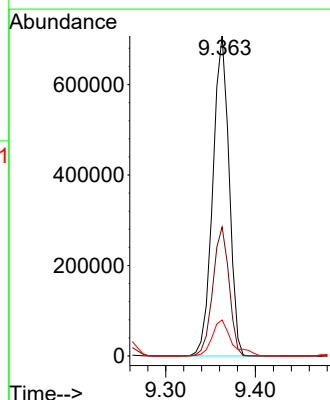
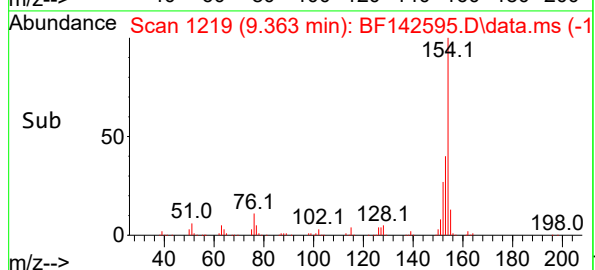
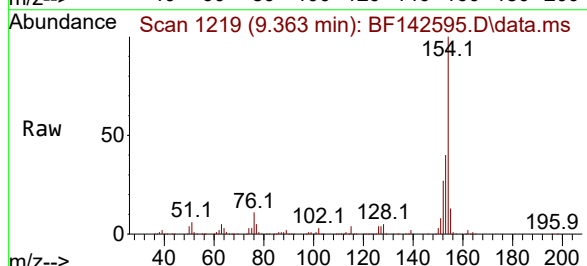
Tgt Ion:154 Resp: 890515

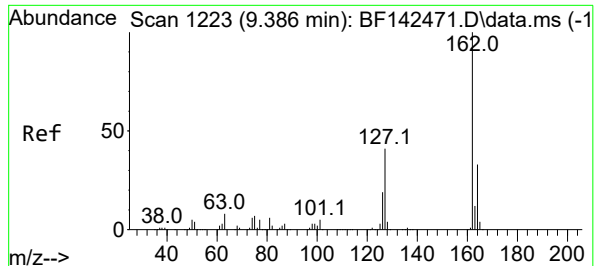
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 11.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 41.940 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion:162 Resp: 65316

Ion Ratio Lower Upper

162 100

127 41.3 33.5 50.3

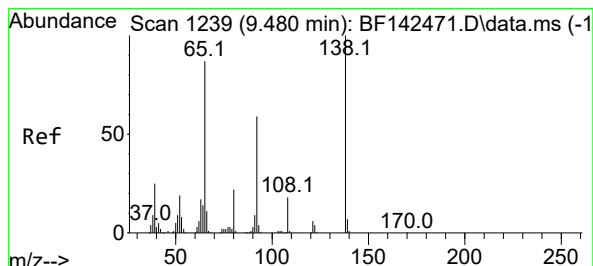
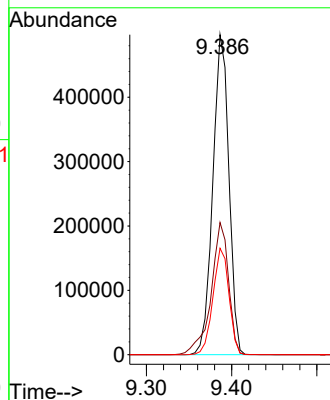
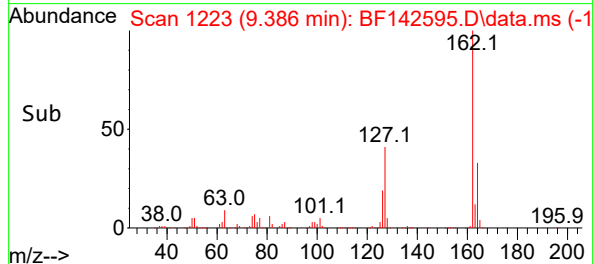
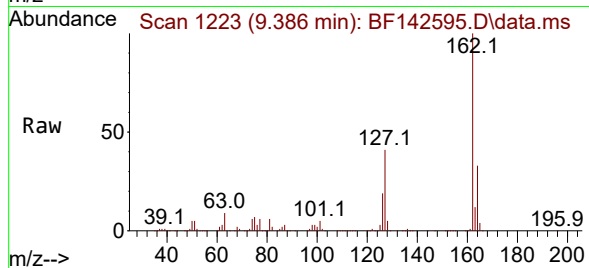
164 33.2 26.1 39.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#48

2-Nitroaniline

Concen: 45.136 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

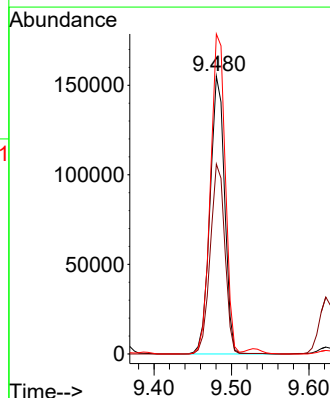
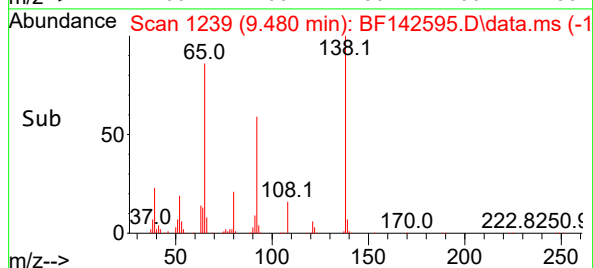
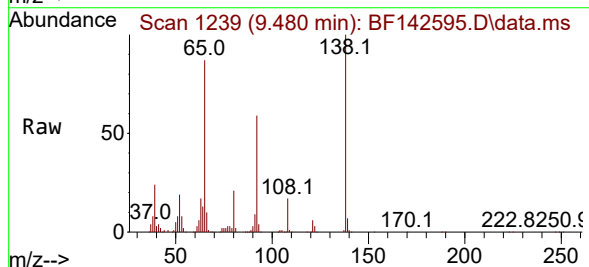
Tgt Ion: 65 Resp: 203179

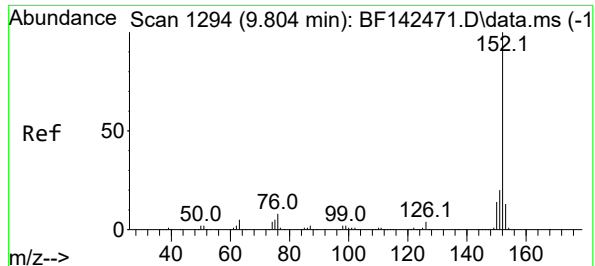
Ion Ratio Lower Upper

65 100

92 68.4 54.4 81.6

138 115.2 91.4 137.2





#49

Acenaphthylene

Concen: 42.363 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142595.D

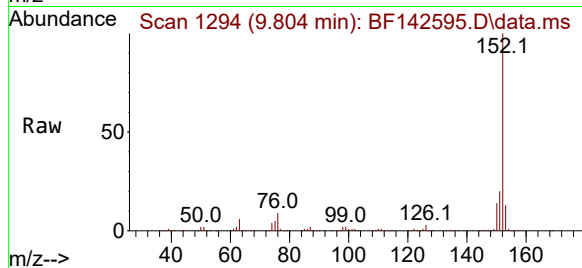
Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS



Tgt Ion:152 Resp: 111404

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

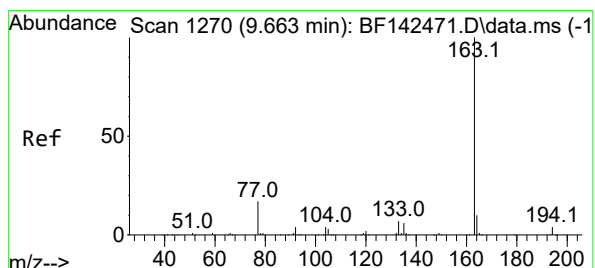
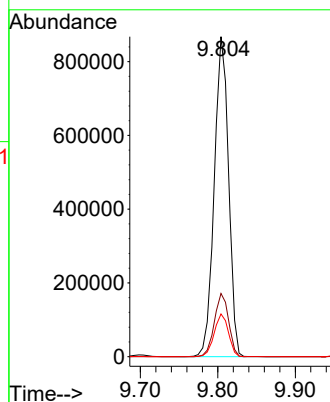
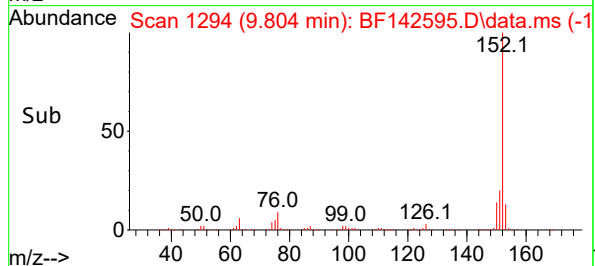
153 13.3 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#50

Dimethylphthalate

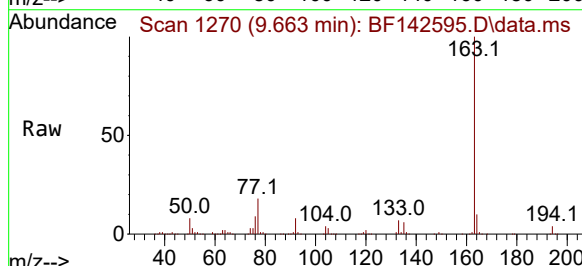
Concen: 44.199 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54



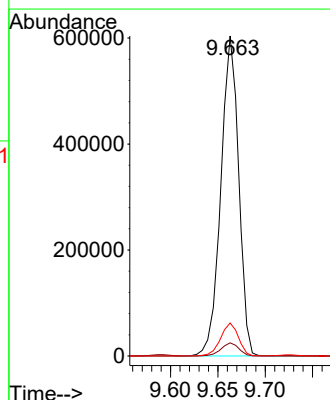
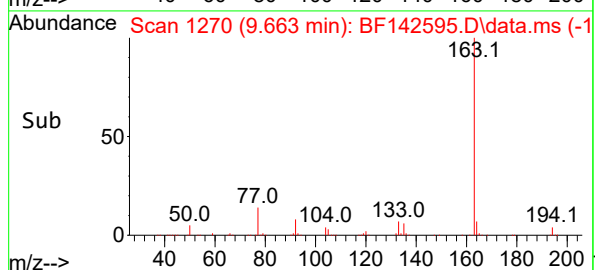
Tgt Ion:163 Resp: 792383

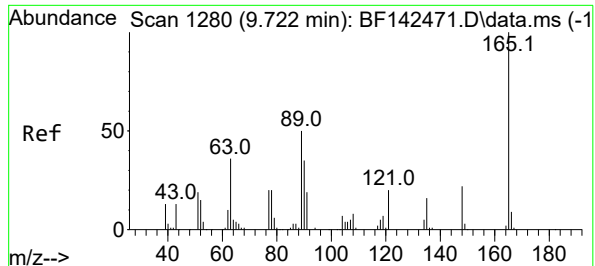
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

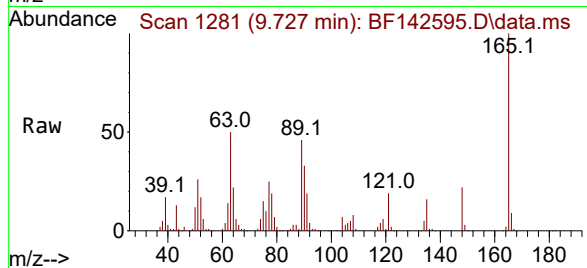
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 45.656 ng
RT: 9.727 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

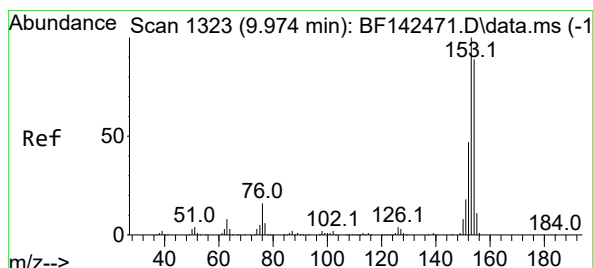
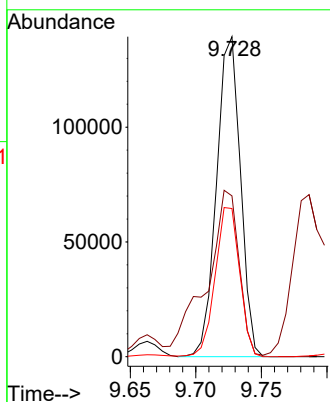
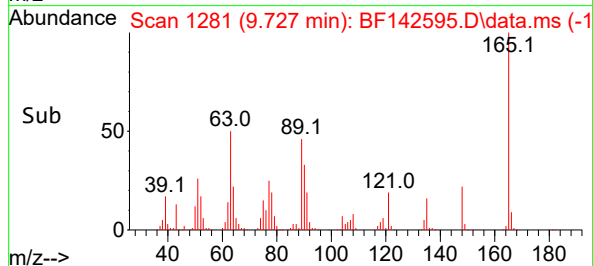
Instrument :
BNA_F
ClientSampleId :
PB168235BS



Tgt Ion:165 Resp: 176658
Ion Ratio Lower Upper
165 100
63 50.3 42.9 64.3
89 46.3 40.2 60.4

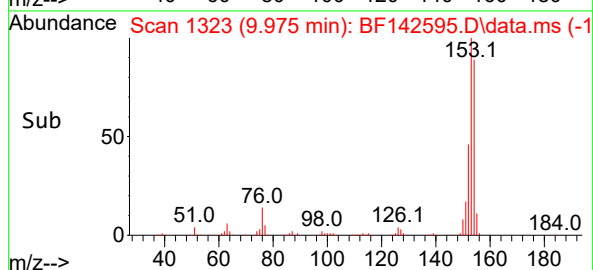
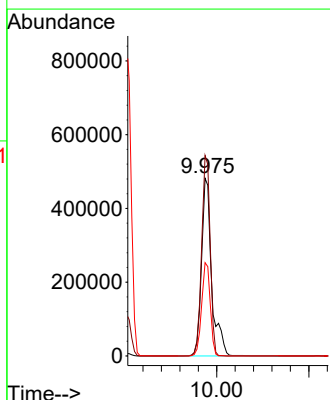
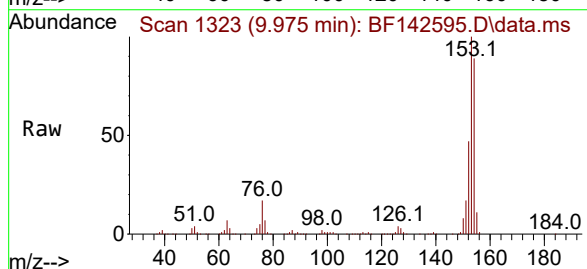
Manual Integrations
APPROVED

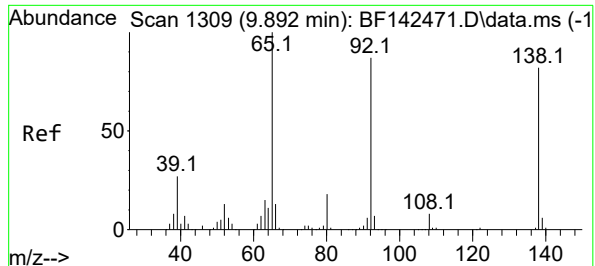
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#52
Acenaphthene
Concen: 46.329 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

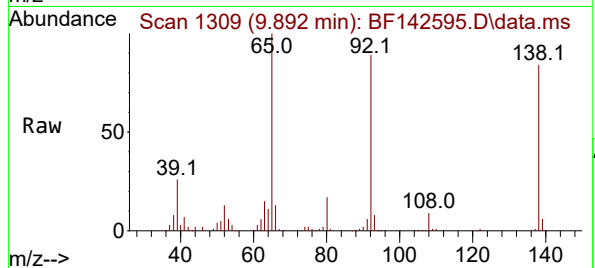
Tgt Ion:154 Resp: 743945
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 52.6 42.6 64.0





#53
3-Nitroaniline
Concen: 27.052 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

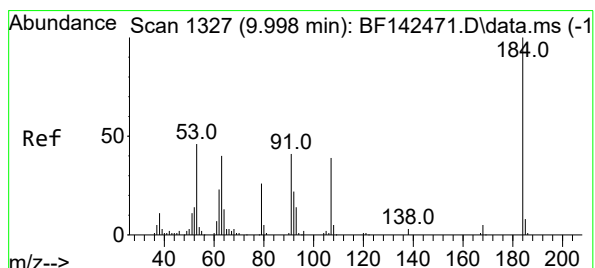
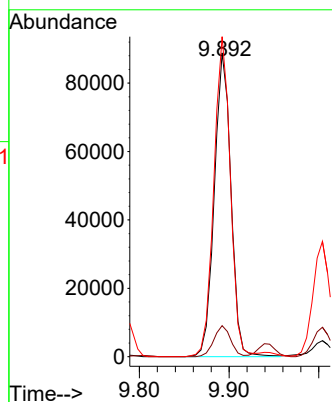
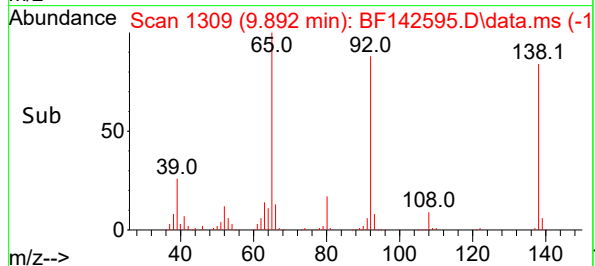
Instrument :
BNA_F
ClientSampleId :
PB168235BS



Tgt Ion:138 Resp: 11432
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 105.3 85.2 127.8

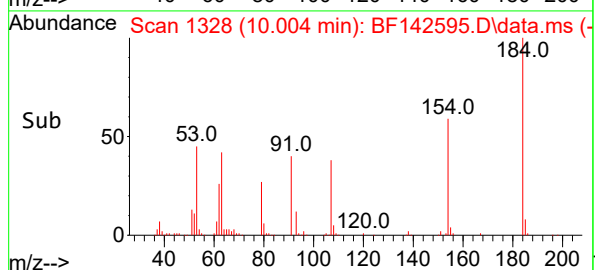
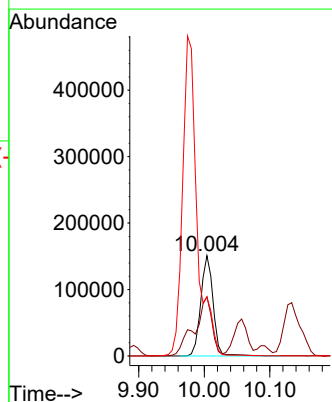
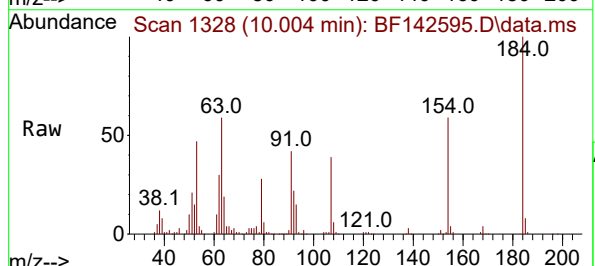
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APPROVED

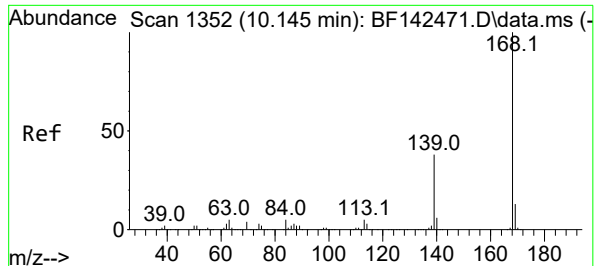
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#54
2,4-Dinitrophenol
Concen: 98.857 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:184 Resp: 197620
Ion Ratio Lower Upper
184 100
63 59.1 46.3 69.5
154 58.7 56.8 85.2





#55

Dibenzenofuran

Concen: 42.367 ng

RT: 10.151 min Scan# 1352

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion:168 Resp: 979008

Ion Ratio Lower Upper

168 100

139 36.2 30.2 45.2

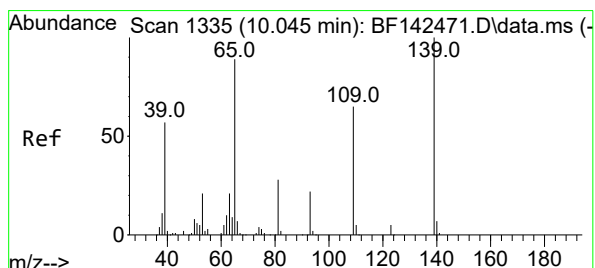
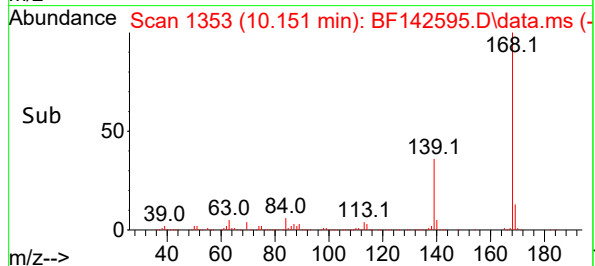
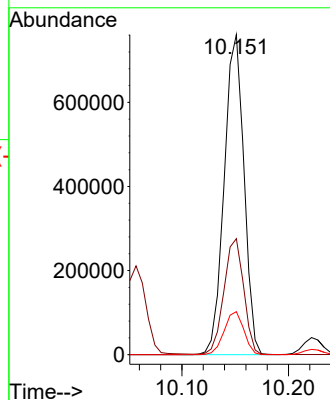
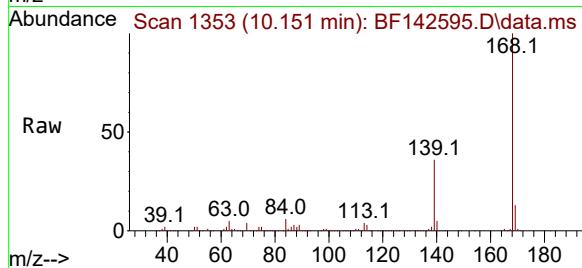
169 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#56

4-Nitrophenol

Concen: 95.715 ng

RT: 10.057 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

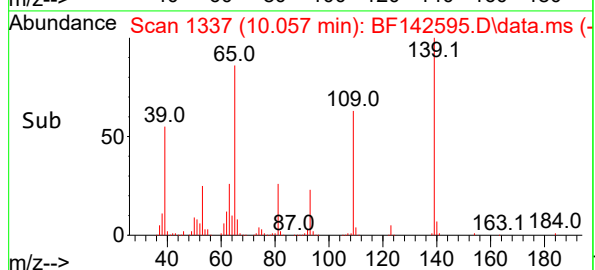
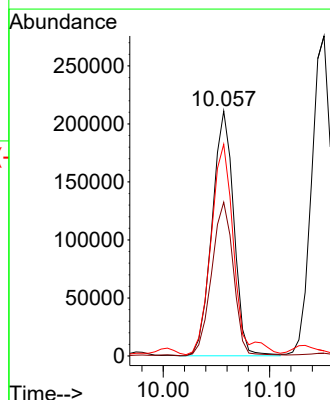
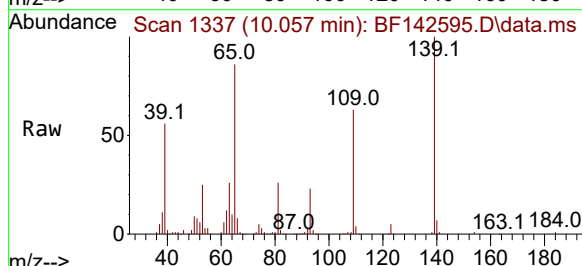
Tgt Ion:139 Resp: 298469

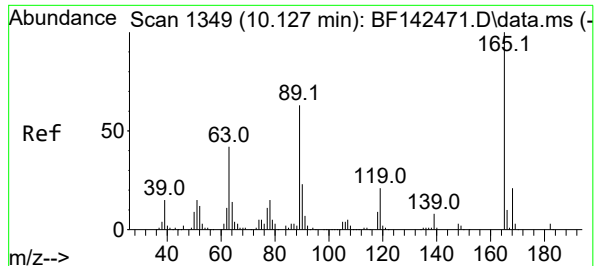
Ion Ratio Lower Upper

139 100

109 62.8 45.1 85.1

65 86.4 69.7 109.7





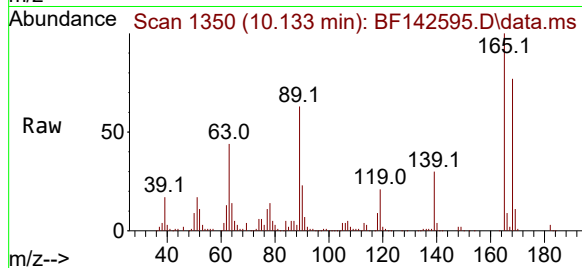
#57
2,4-Dinitrotoluene
Concen: 47.451 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS



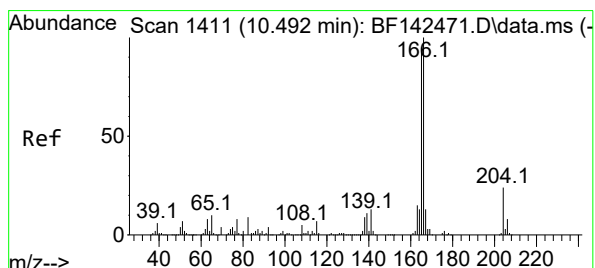
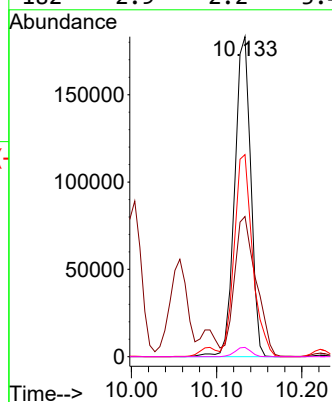
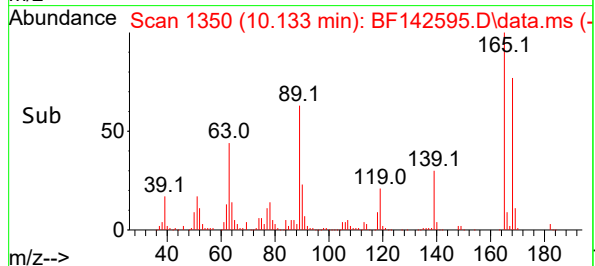
Tgt Ion:165 Resp: 239779
Ion Ratio Lower Upper
165 100
63 43.8 33.6 50.4
89 63.2 50.2 75.4
182 2.9 2.2 3.4

Manual Integrations

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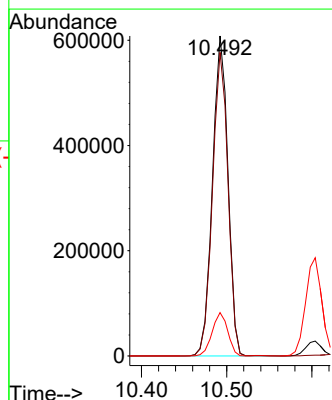
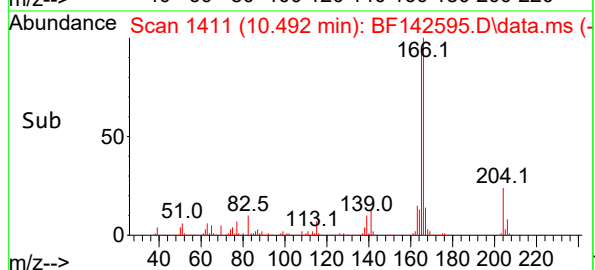
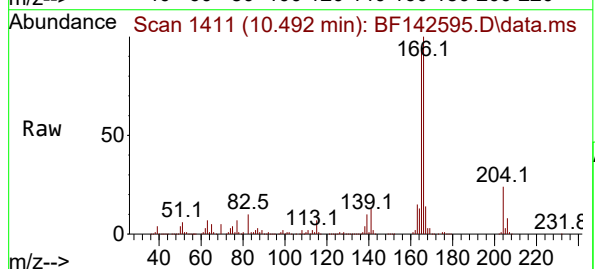
Reviewed By :Rahul Chavli 06/03/2025

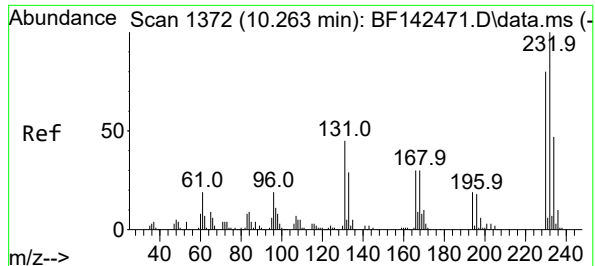
Supervised By :Jagrut Upadhyay 06/03/2025



#58
Fluorene
Concen: 42.995 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

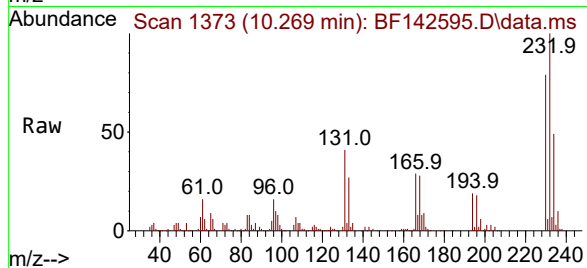
Tgt Ion:166 Resp: 767546
Ion Ratio Lower Upper
166 100
165 94.9 75.8 113.8
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.249 ng
RT: 10.269 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

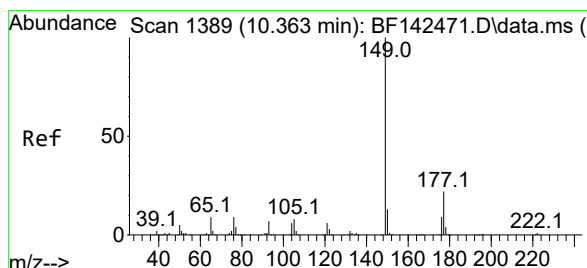
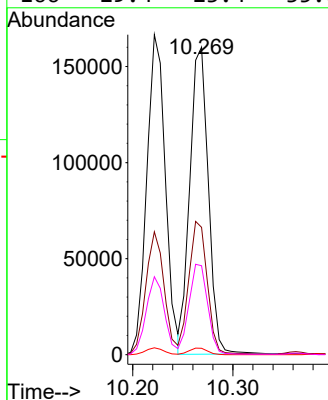
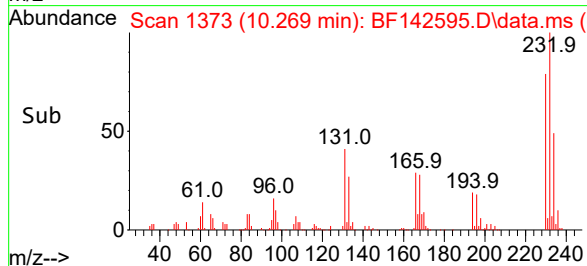
Instrument :
BNA_F
ClientSampleId :
PB168235BS



Tgt Ion:232 Resp: 20488
Ion Ratio Lower Upper
232 100
131 43.6 35.2 52.8
130 2.1 1.7 2.5
166 29.4 23.4 35.0

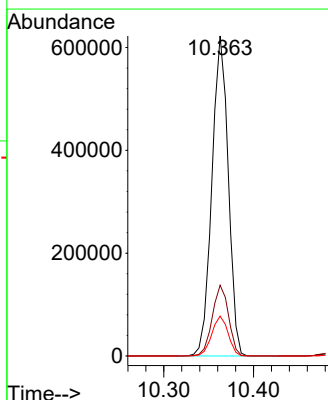
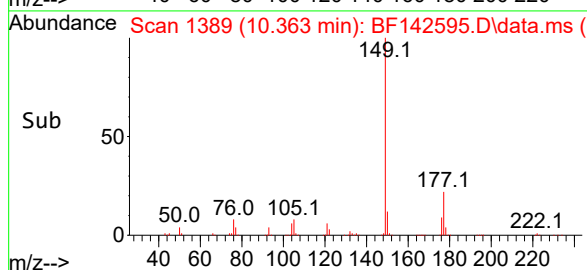
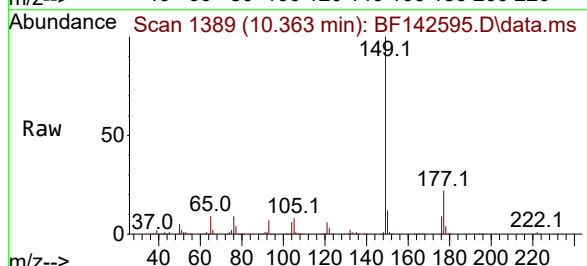
Manual Integrations
APPROVED

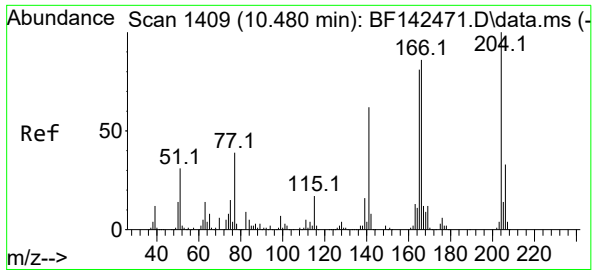
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#60
Diethylphthalate
Concen: 44.951 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

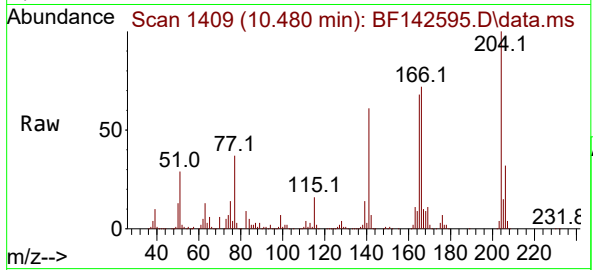
Tgt Ion:149 Resp: 787046
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.578 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

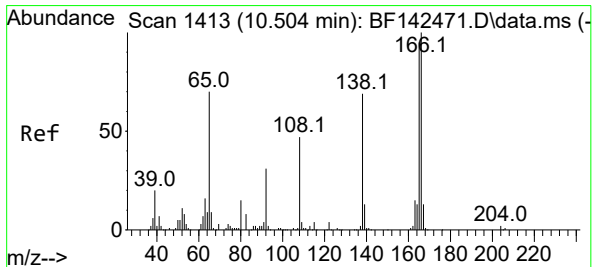
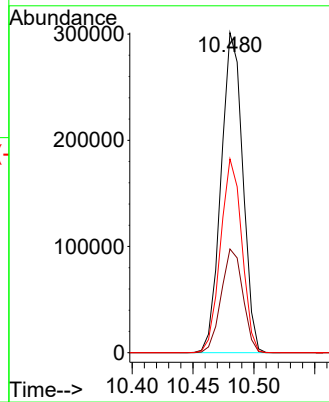
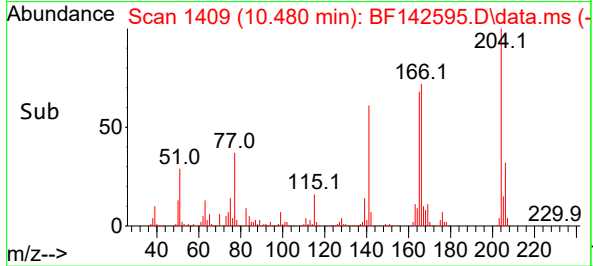
Instrument :
BNA_F
ClientSampleId :
PB168235BS



Tgt Ion:204 Resp: 373395
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 60.5 49.5 74.3

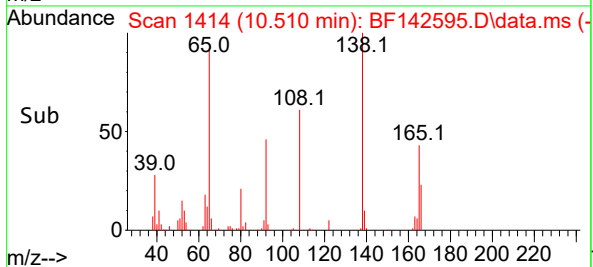
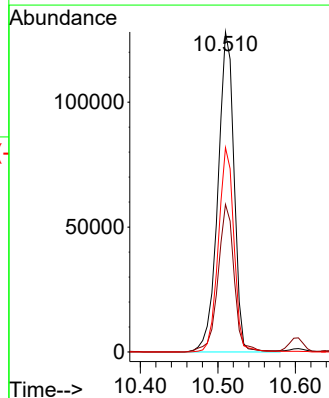
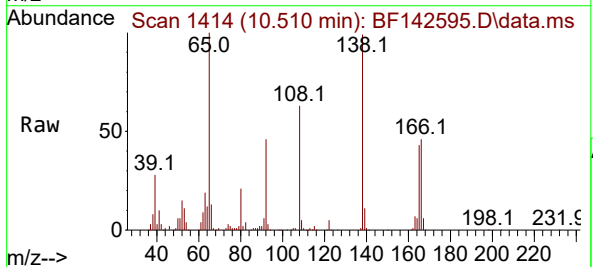
Manual Integrations
APPROVED

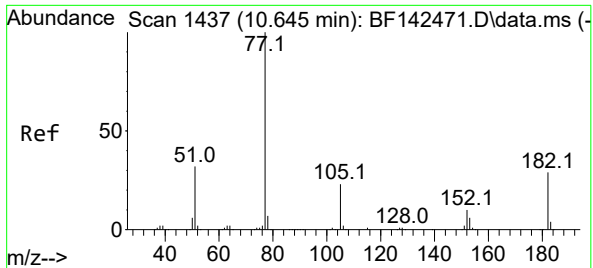
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#62
4-Nitroaniline
Concen: 48.480 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

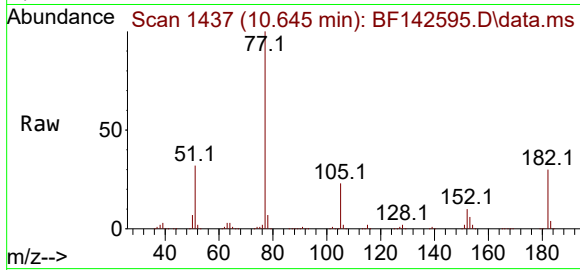
Tgt Ion:138 Resp: 185820
Ion Ratio Lower Upper
138 100
92 46.1 26.0 66.0
108 63.9 48.4 88.4





#63
Azobenzene
Concen: 43.717 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

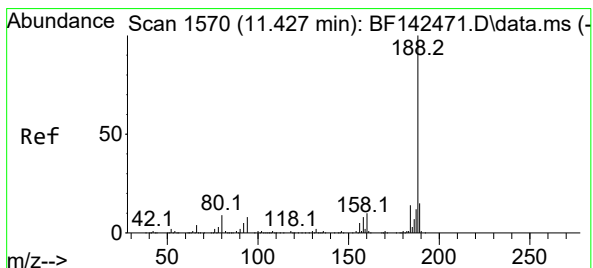
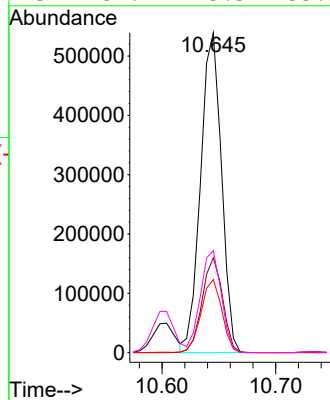
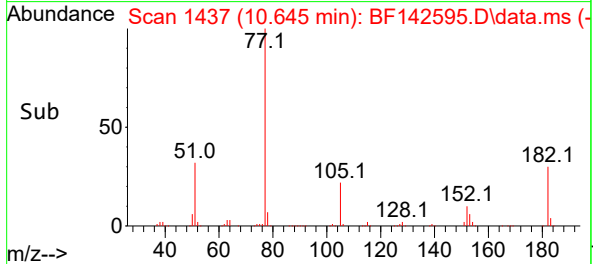
Instrument :
BNA_F
ClientSampleId :
PB168235BS



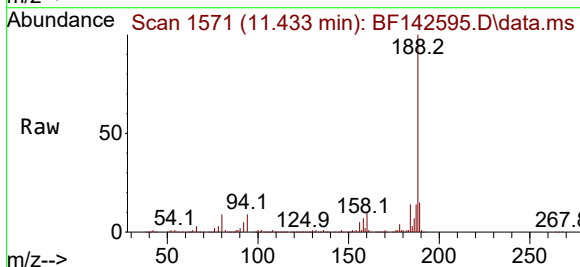
Tgt Ion: 77 Resp: 687495
Ion Ratio Lower Upper
77 100
182 29.7 9.0 49.0
105 22.9 2.4 42.4
51 31.9 13.5 53.5

Manual Integrations
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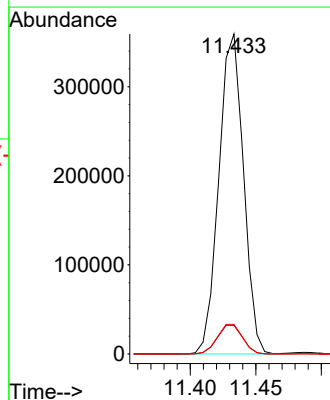
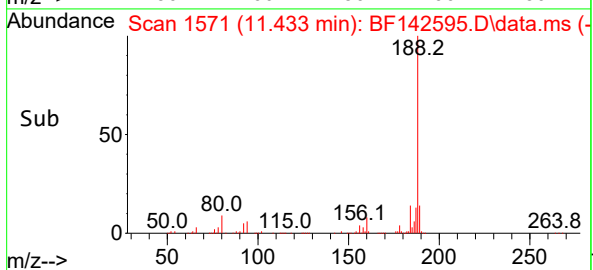
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

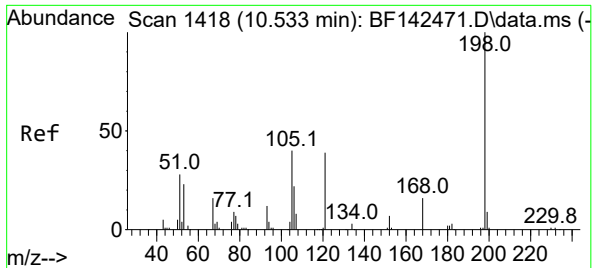


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



Tgt Ion:188 Resp: 469529
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.2 7.4 11.0





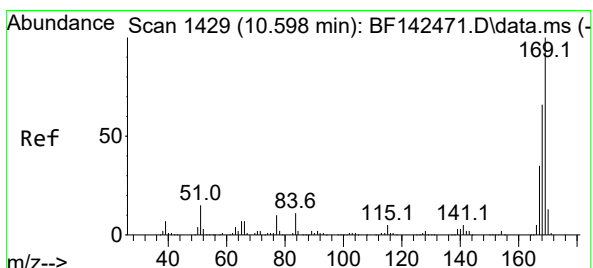
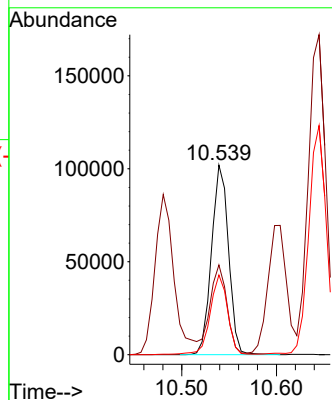
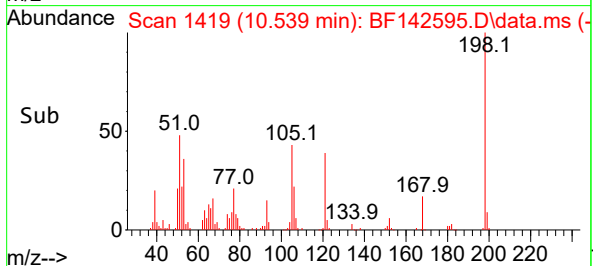
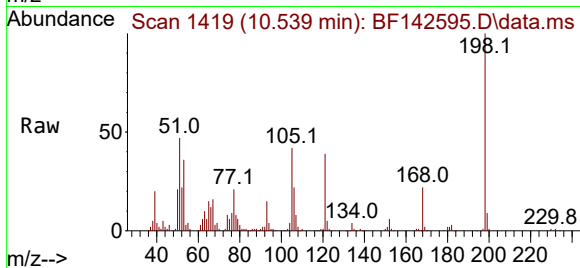
#65
4,6-Dinitro-2-methylphenol
Concen: 48.578 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Instrument :
BNA_F
ClientSampleId :
PB168235BS

Tgt Ion:198 Resp: 12729
Ion Ratio Lower Upper
198 100
51 47.4 28.3 68.3
105 42.0 21.3 61.3

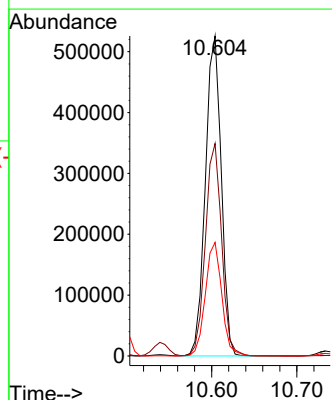
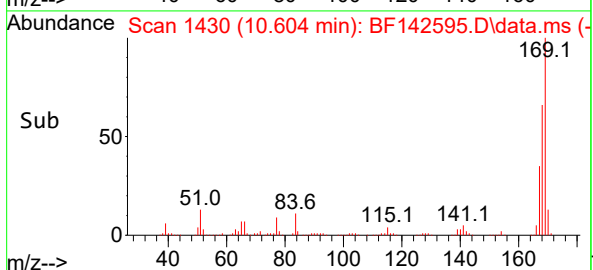
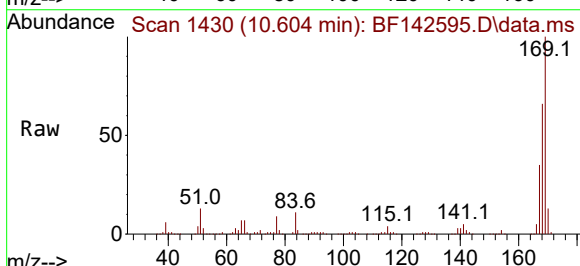
Manual Integrations
APPROVED

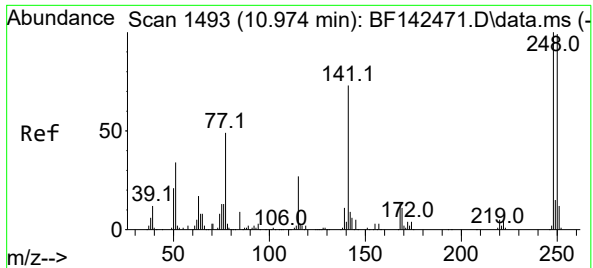
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#66
n-Nitrosodiphenylamine
Concen: 42.475 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

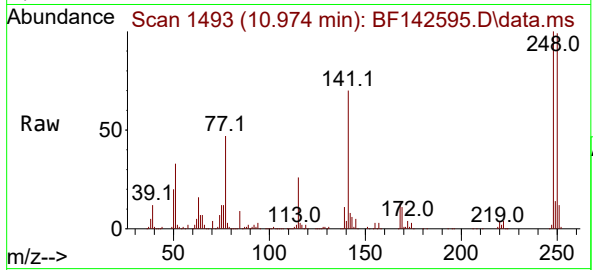
Tgt Ion:169 Resp: 682308
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 35.5 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 42.648 ng
RT: 10.974 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

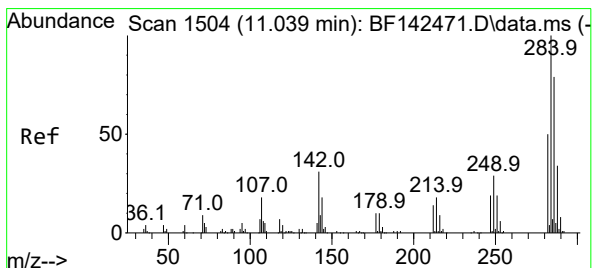
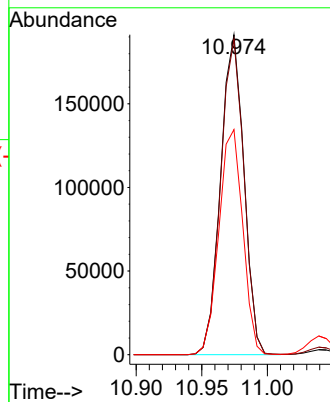
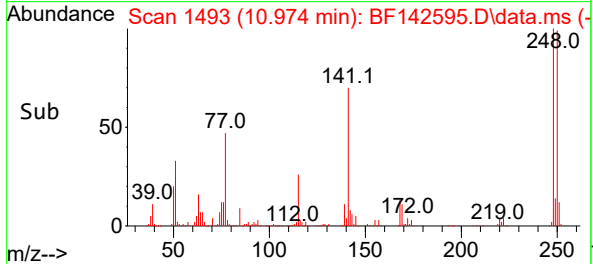
Instrument :
BNA_F
ClientSampleId :
PB168235BS



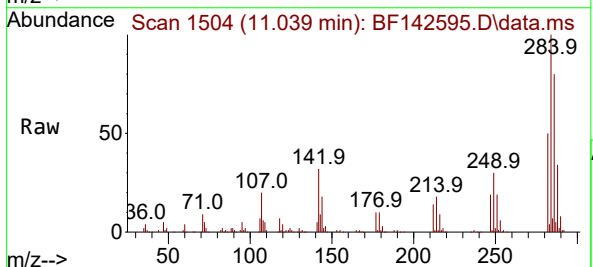
Tgt Ion:248 Resp: 23677
Ion Ratio Lower Upper
248 100
250 98.6 79.0 118.4
141 70.3 58.4 87.6

Manual Integrations
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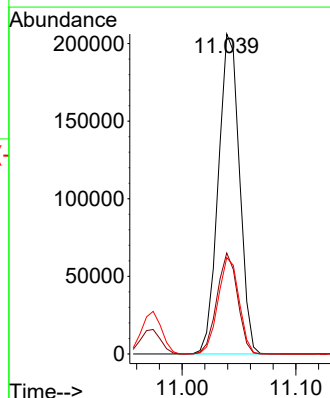
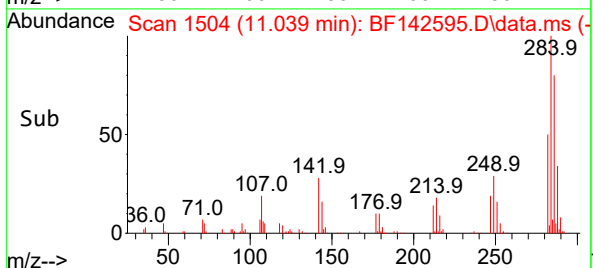
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

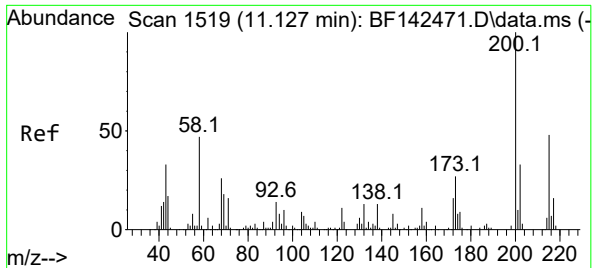


#68
Hexachlorobenzene
Concen: 43.507 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



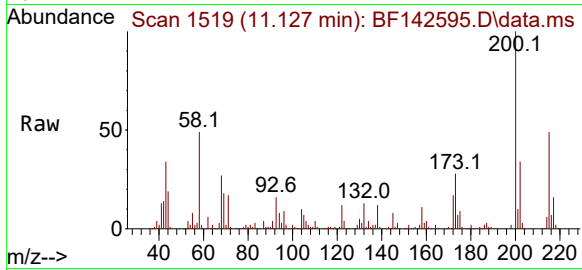
Tgt Ion:284 Resp: 267154
Ion Ratio Lower Upper
284 100
142 31.6 24.8 37.2
249 30.1 23.6 35.4





#69
Atrazine
Concen: 49.336 ng
RT: 11.127 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

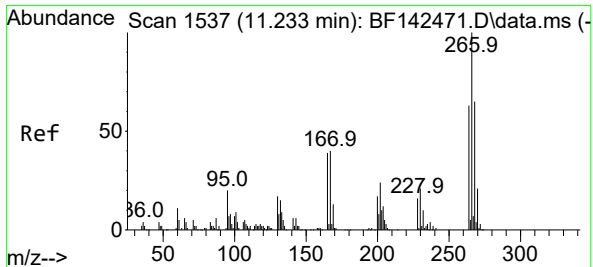
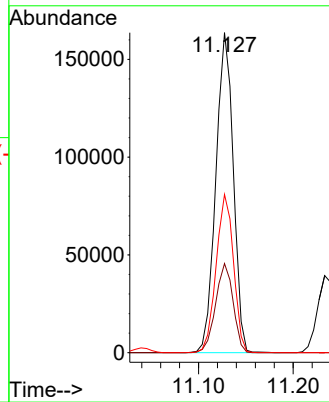
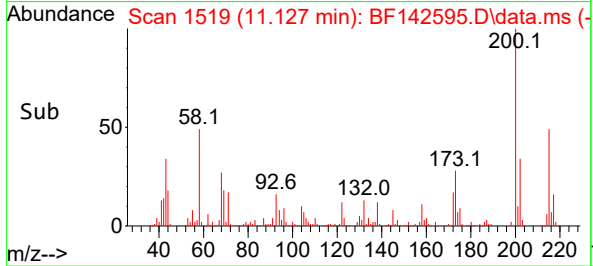
Instrument :
BNA_F
ClientSampleId :
PB168235BS



Tgt Ion:200 Resp: 210470
Ion Ratio Lower Upper
200 100
173 27.8 7.4 47.4
215 49.4 28.5 68.5

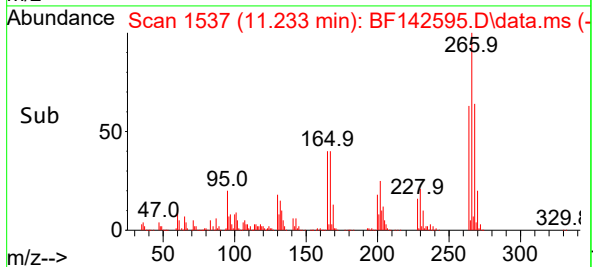
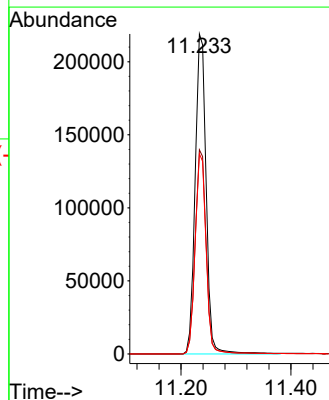
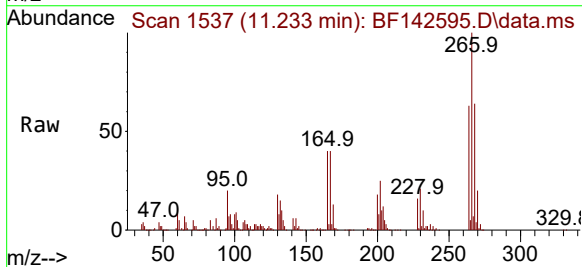
Manual Integrations
APPROVED

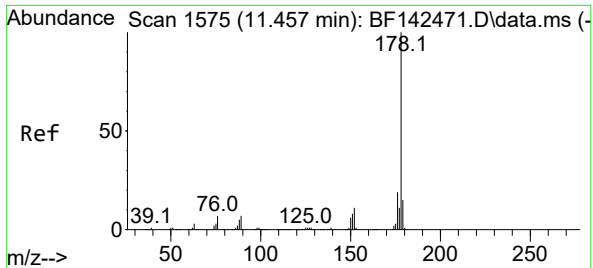
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#70
Pentachlorophenol
Concen: 87.484 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

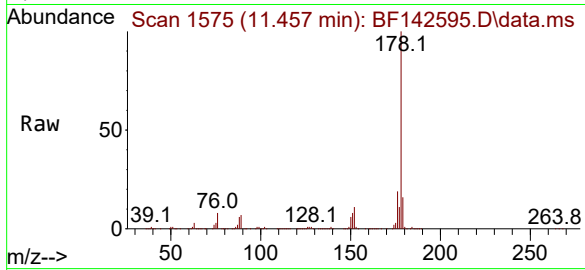
Tgt Ion:266 Resp: 303289
Ion Ratio Lower Upper
266 100
268 63.8 51.7 77.5
264 62.6 50.4 75.6





#71
Phenanthrene
Concen: 43.099 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

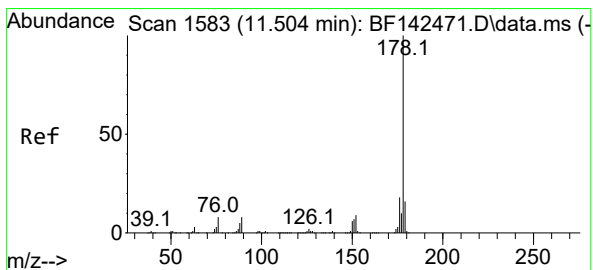
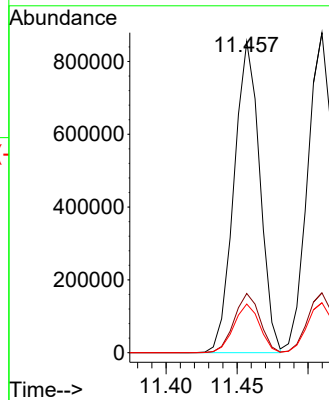
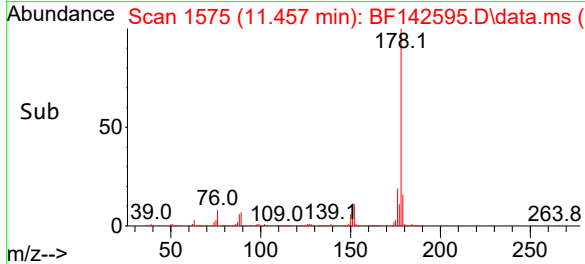
Instrument :
BNA_F
ClientSampleId :
PB168235BS



Tgt Ion:178 Resp: 1081460
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.3 18.5

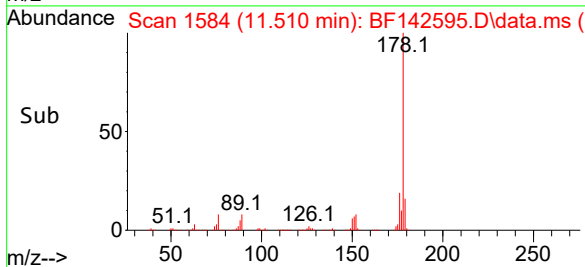
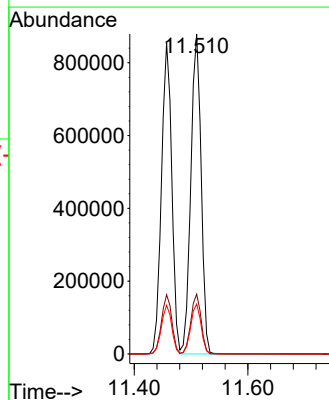
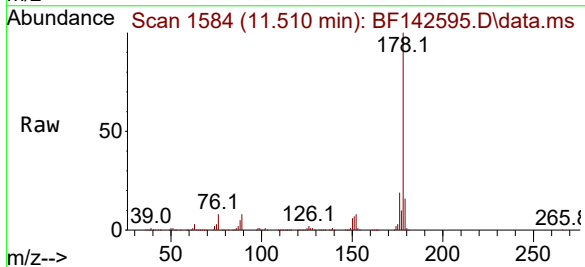
Manual Integrations
APPROVED

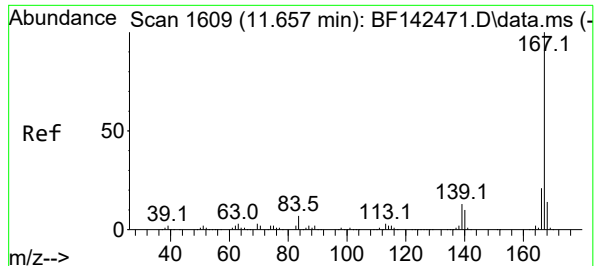
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#72
Anthracene
Concen: 43.228 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:178 Resp: 1107034
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.6 12.4 18.6





#73

Carbazole

Concen: 44.892 ng

RT: 11.663 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF142595.D

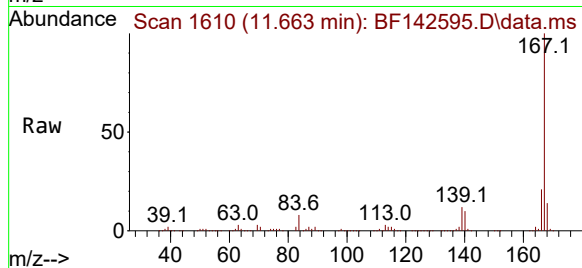
Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS



Tgt Ion:167 Resp: 98281

Ion Ratio Lower Upper

167 100

166 21.4 16.9 25.3

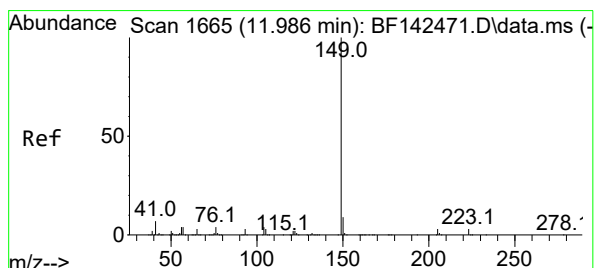
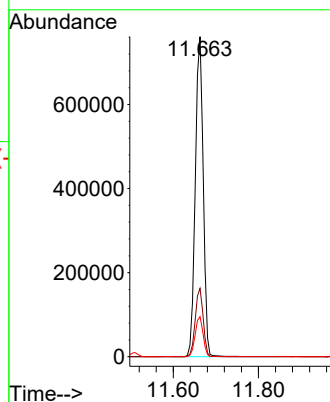
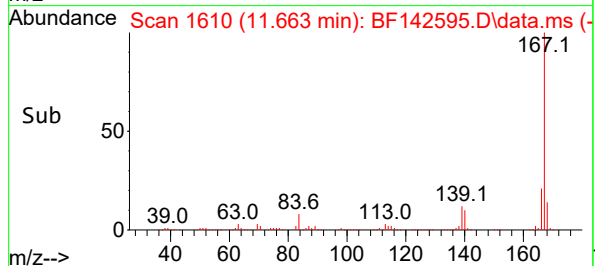
139 12.5 10.2 15.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#74

Di-n-butylphthalate

Concen: 47.051 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

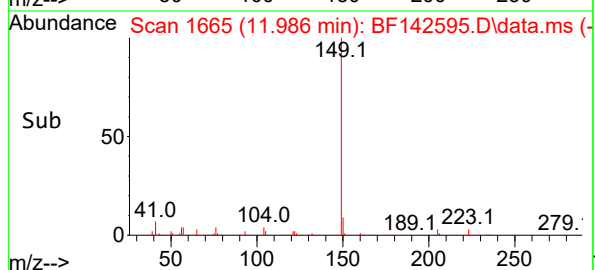
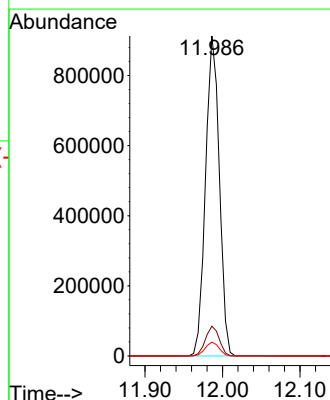
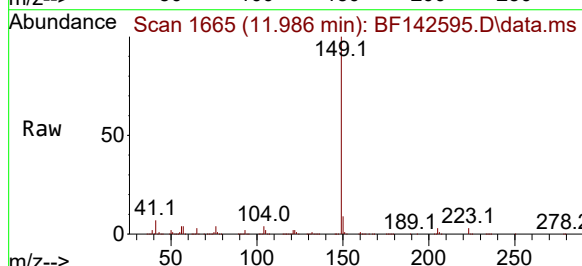
Tgt Ion:149 Resp: 1127520

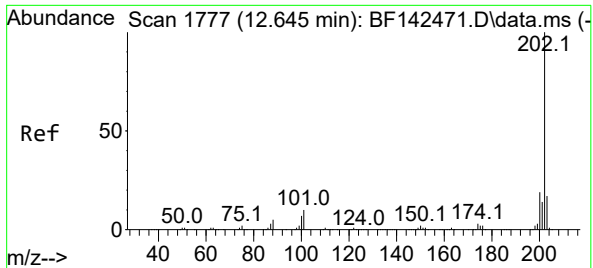
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

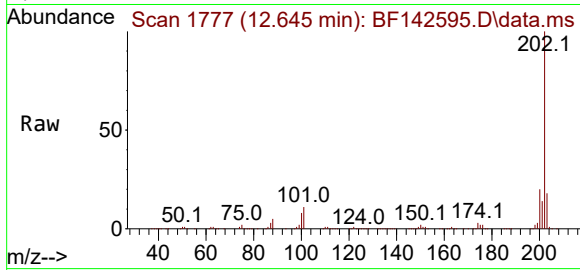
104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 45.634 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

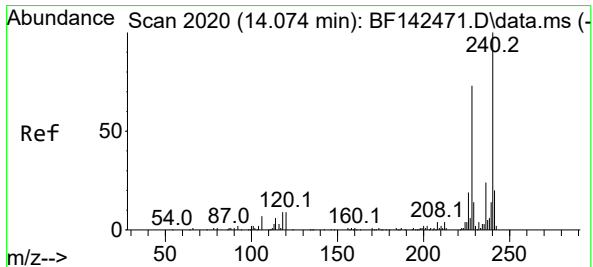
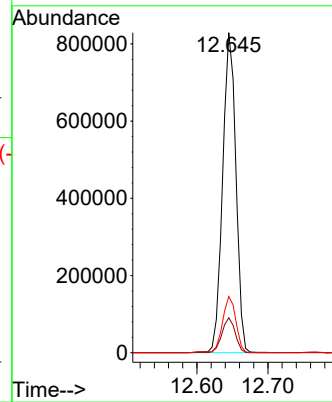
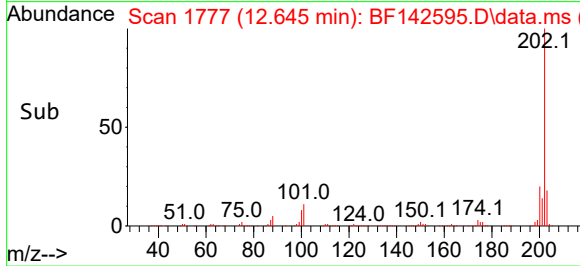
Instrument :
BNA_F
ClientSampleId :
PB168235BS



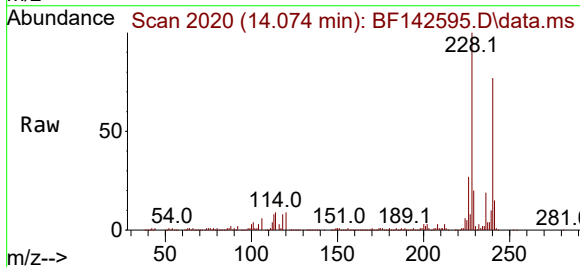
Tgt Ion:202 Resp: 1069949
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.6
203 17.6 0.0 37.2

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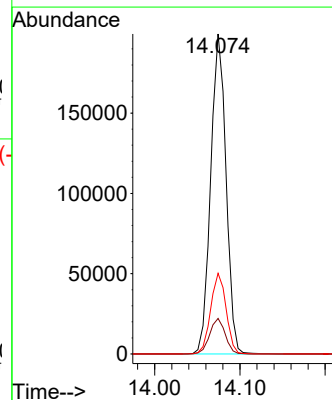
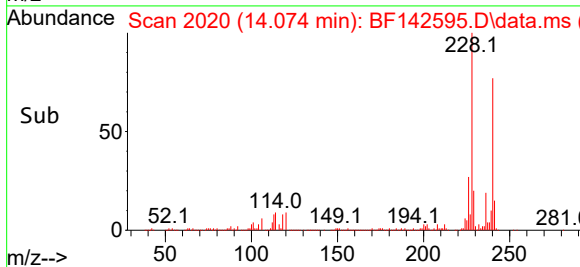
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

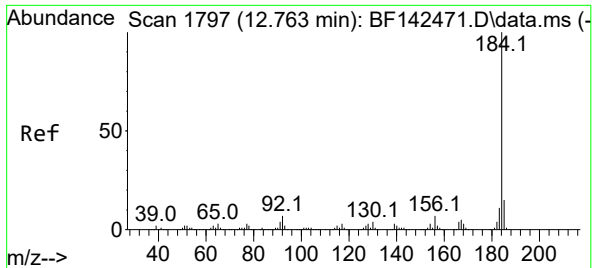


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



Tgt Ion:240 Resp: 249290
Ion Ratio Lower Upper
240 100
120 11.1 7.5 11.3
236 25.2 19.6 29.4





#77

Benzidine

Concen: 39.141 ng

RT: 12.763 min Scan# 1797

Delta R.T. 0.000 min

Lab File: BF142595.D

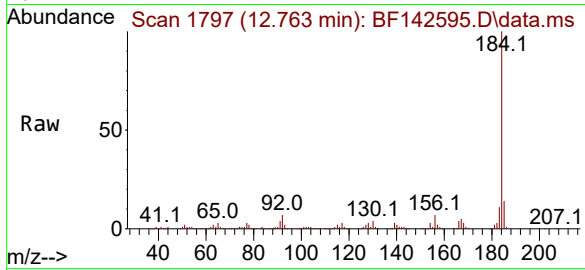
Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS



Tgt Ion:184 Resp: 363104

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

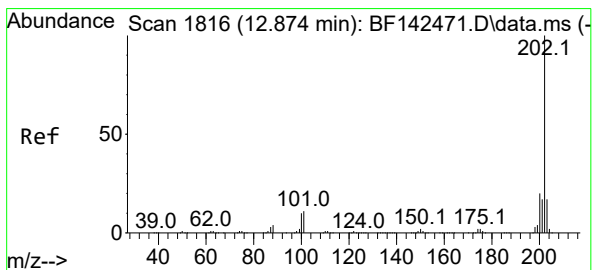
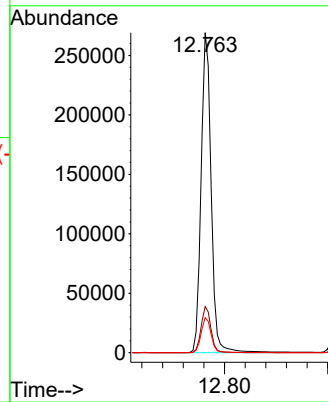
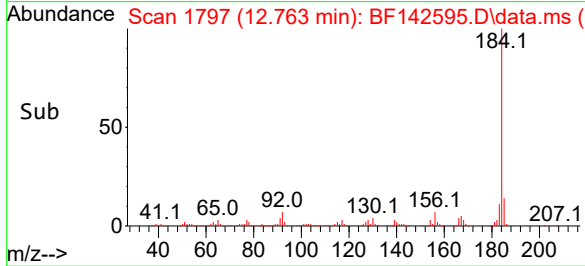
183 10.9 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#78

Pyrene

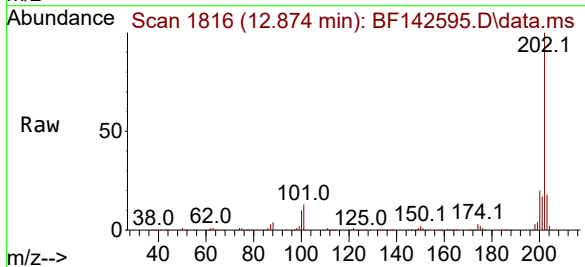
Concen: 45.218 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54



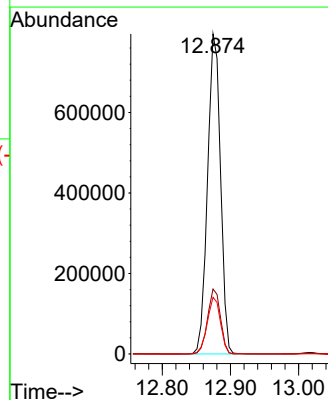
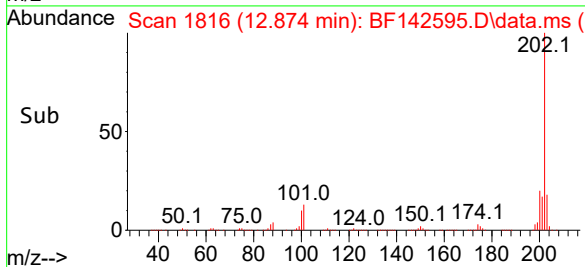
Tgt Ion:202 Resp: 1051541

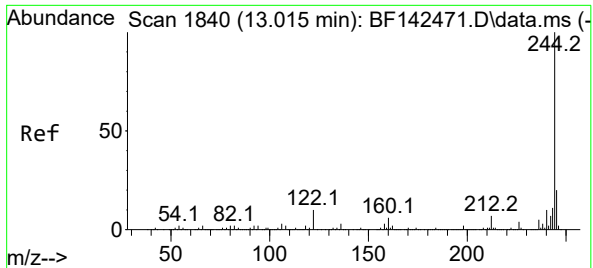
Ion Ratio Lower Upper

202 100

200 20.3 16.1 24.1

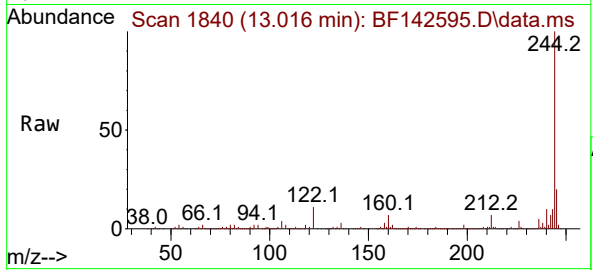
203 17.7 13.9 20.9





#79
Terphenyl-d14
Concen: 78.985 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

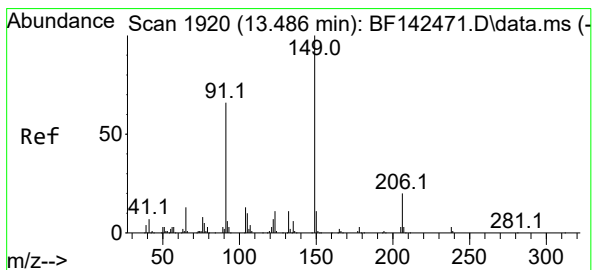
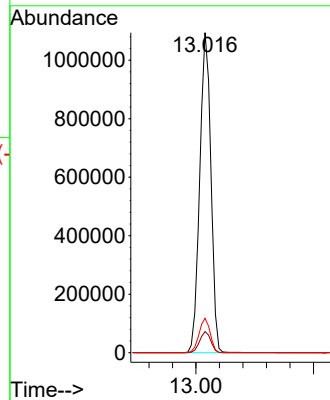
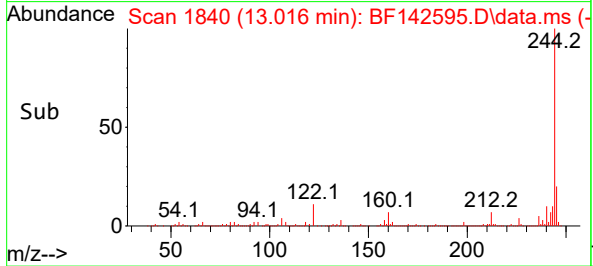
Instrument :
BNA_F
ClientSampleId :
PB168235BS



Tgt Ion:244 Resp: 1440878
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 10.8 8.2 12.2

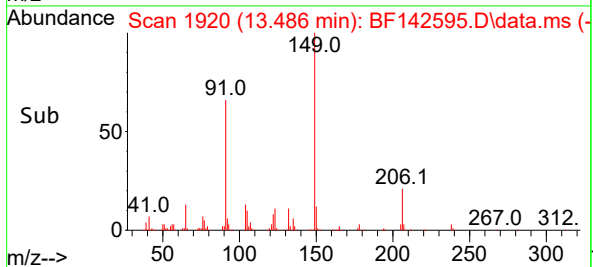
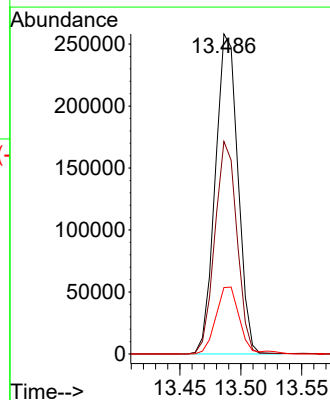
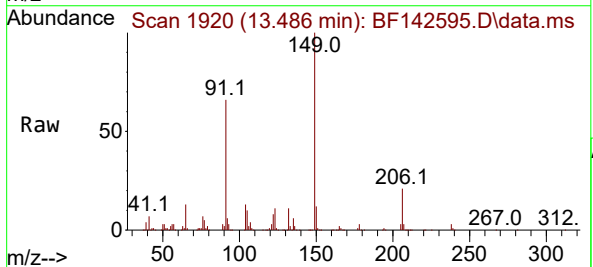
Manual Integrations
APPROVED

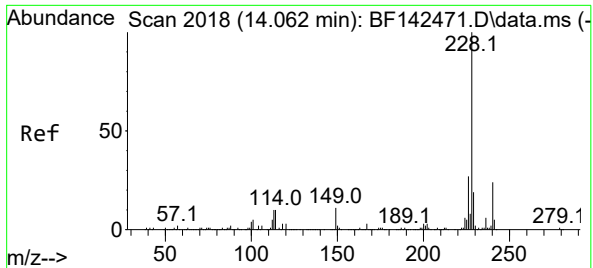
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#80
Butylbenzylphthalate
Concen: 51.953 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

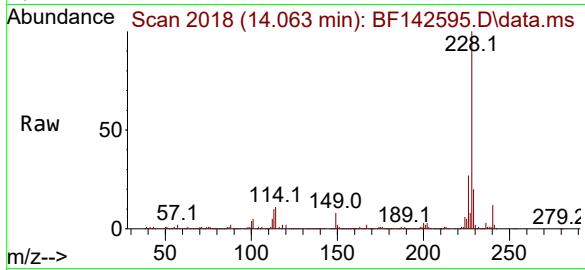
Tgt Ion:149 Resp: 333843
Ion Ratio Lower Upper
149 100
91 66.4 52.9 79.3
206 20.7 16.2 24.2





#81
Benzo(a)anthracene
Concen: 43.899 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

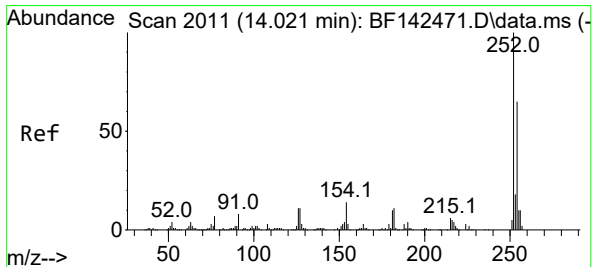
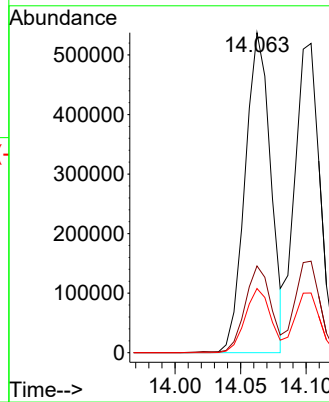
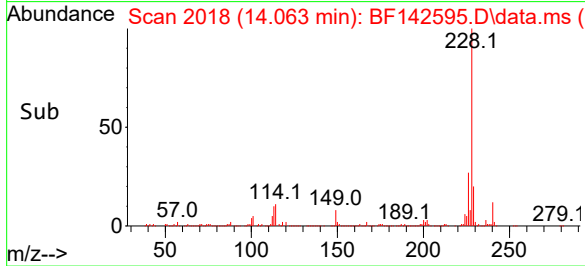
Instrument :
BNA_F
ClientSampleId :
PB168235BS



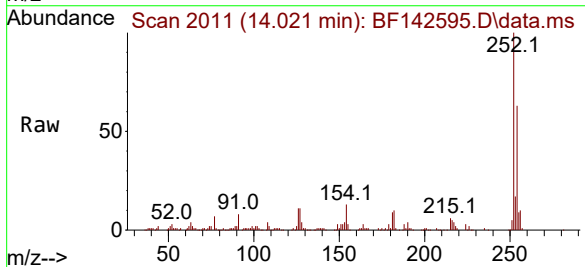
Tgt Ion:228 Resp: 73075
Ion Ratio Lower Upper
228 100
226 27.1 21.2 31.8
229 20.0 15.5 23.3

Manual Integrations
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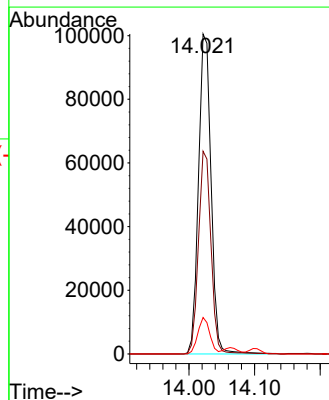
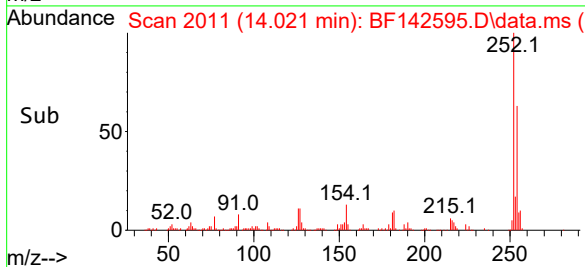
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

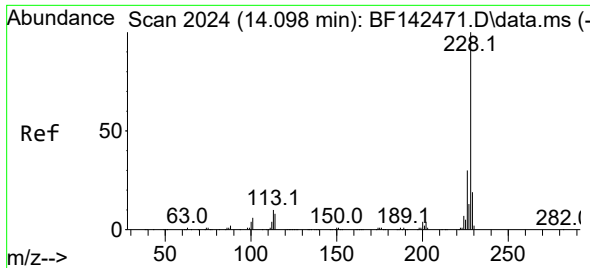


#82
3,3'-Dichlorobenzidine
Concen: 26.636 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



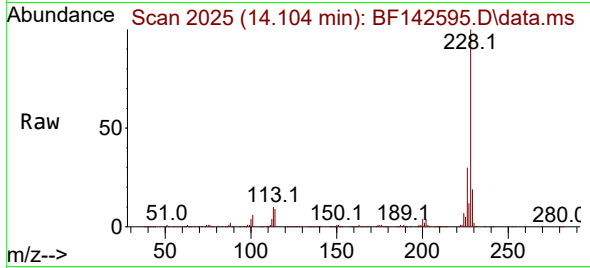
Tgt Ion:252 Resp: 134486
Ion Ratio Lower Upper
252 100
254 63.4 52.0 78.0
126 11.4 8.9 13.3





#83
Chrysene
Concen: 45.734 ng
RT: 14.104 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

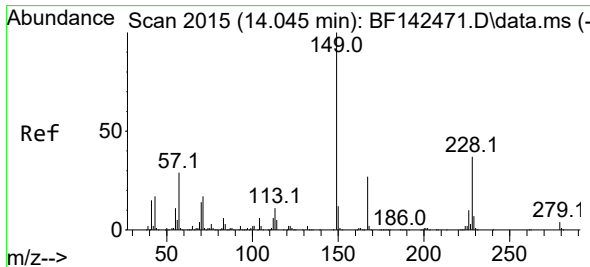
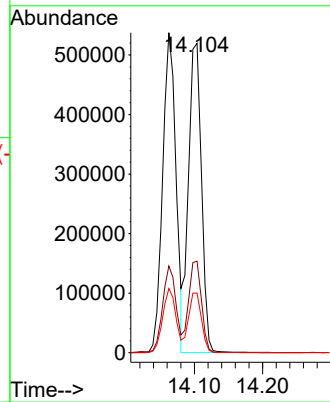
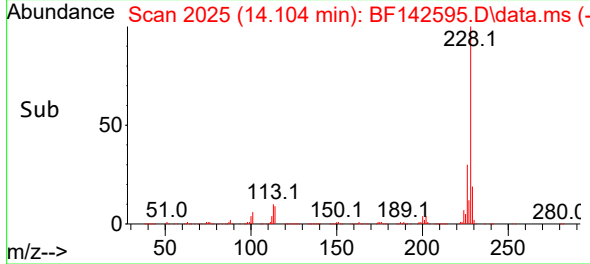
Instrument :
BNA_F
ClientSampleId :
PB168235BS



Tgt Ion:228 Resp: 684085
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.6
229 19.3 15.4 23.2

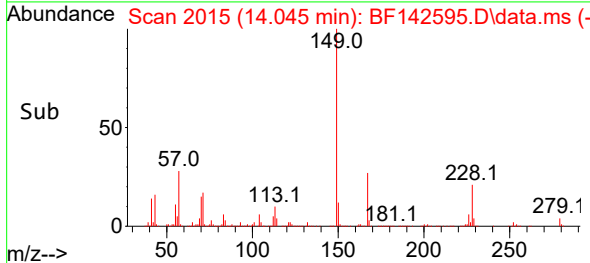
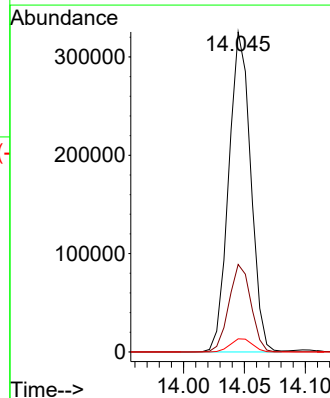
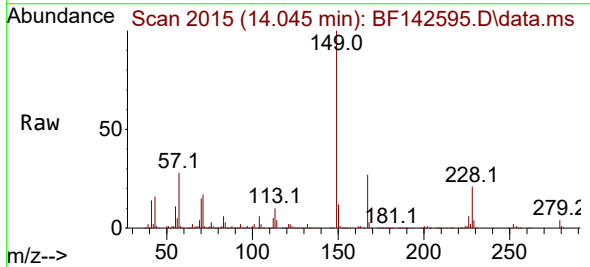
Manual Integrations
APPROVED

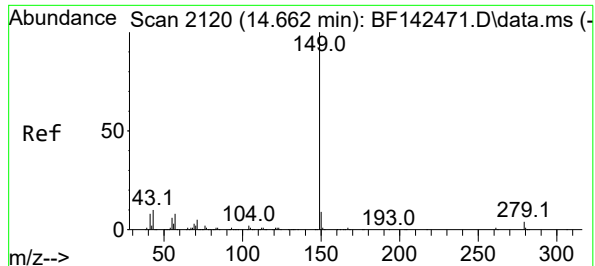
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.711 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

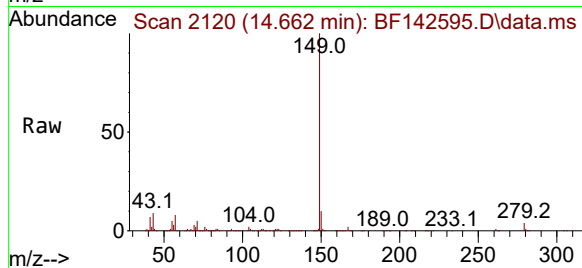
Tgt Ion:149 Resp: 408925
Ion Ratio Lower Upper
149 100
167 27.4 21.5 32.3
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 43.803 ng
RT: 14.662 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

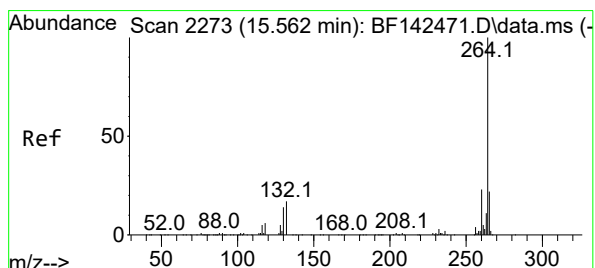
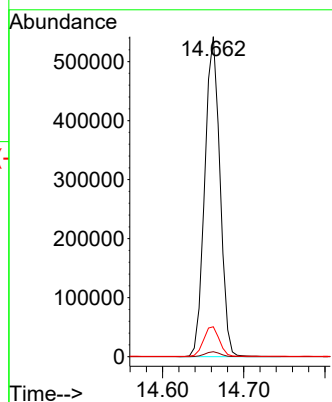
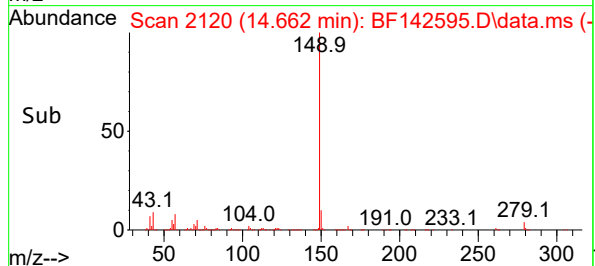
Instrument :
BNA_F
ClientSampleId :
PB168235BS



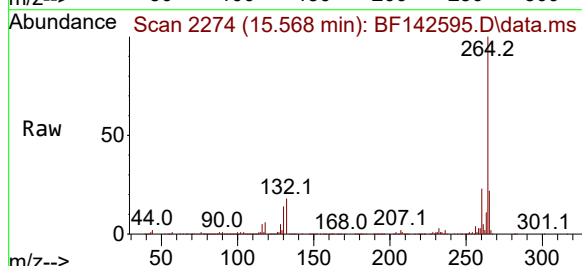
Tgt Ion:149 Resp: 704542
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 7.9 11.9

Manual Integrations
APPROVED

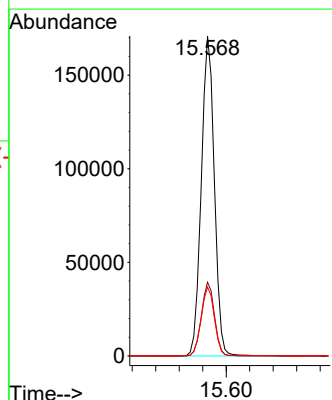
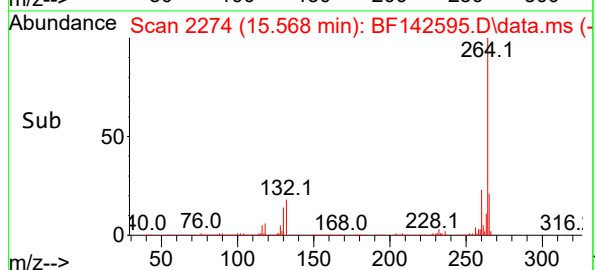
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

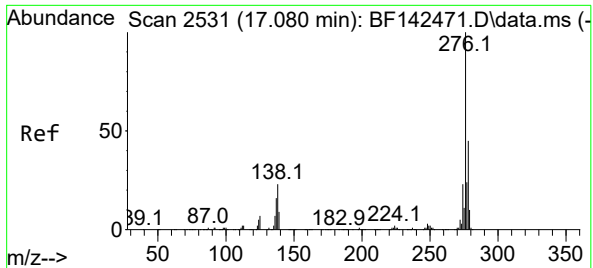


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



Tgt Ion:264 Resp: 263582
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.614 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion:276 Resp: 843240

Ion Ratio Lower Upper

276 100

138 26.5 19.9 29.9

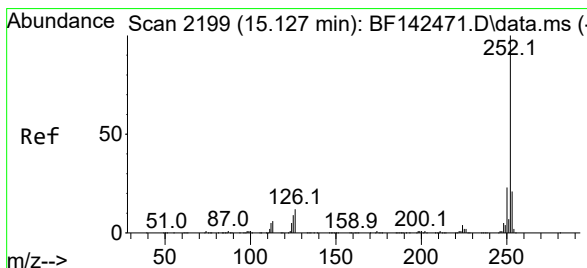
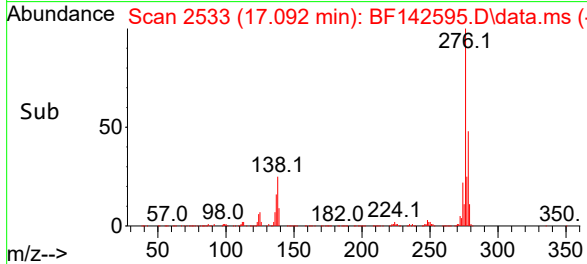
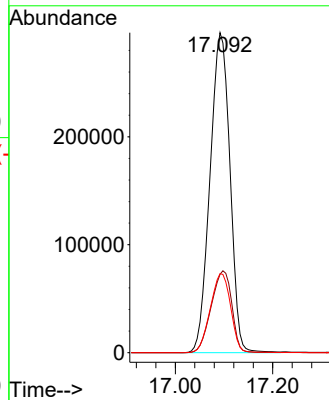
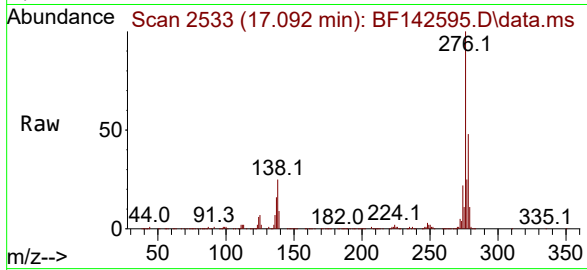
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#88

Benzo(b)fluoranthene

Concen: 46.873 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

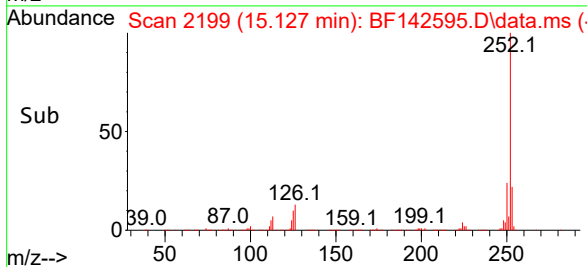
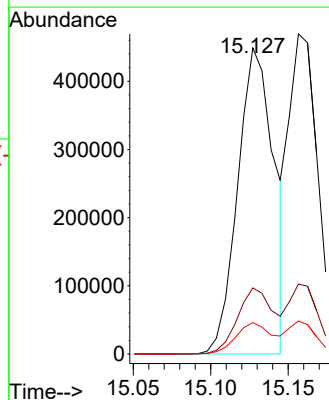
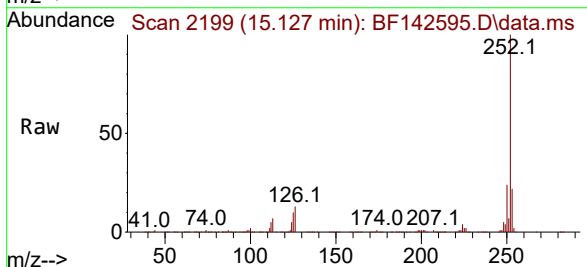
Tgt Ion:252 Resp: 731225

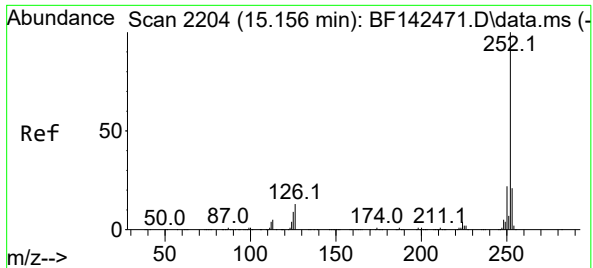
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 10.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 42.107 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion:252 Resp: 61523

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

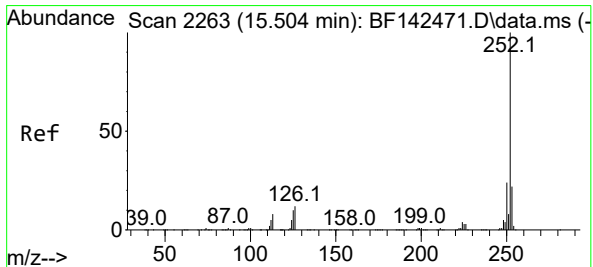
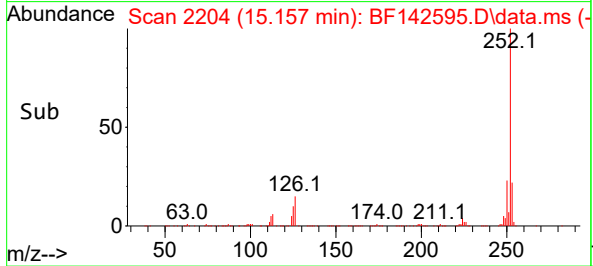
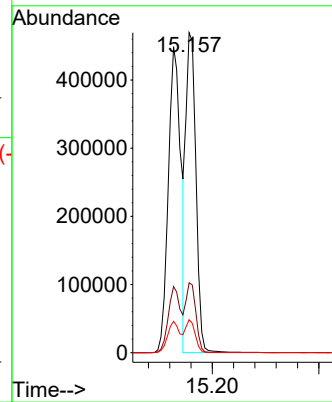
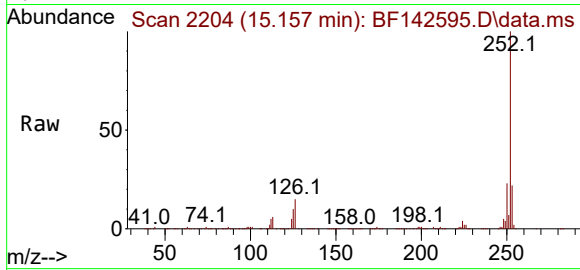
125 10.3 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#90

Benzo(a)pyrene

Concen: 45.004 ng

RT: 15.509 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

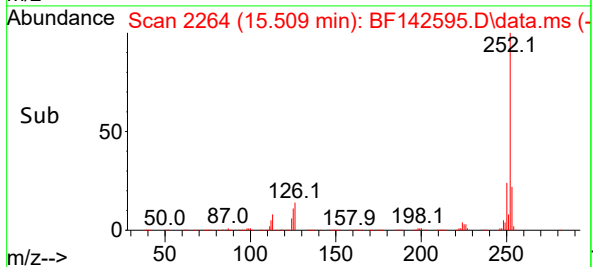
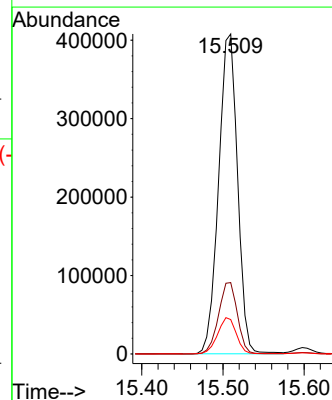
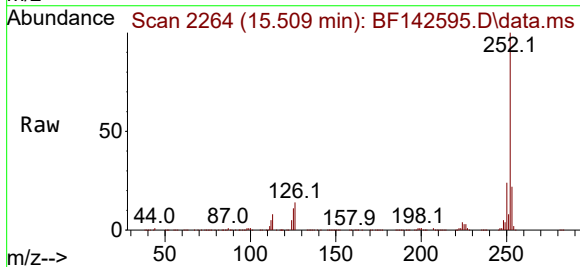
Tgt Ion:252 Resp: 661758

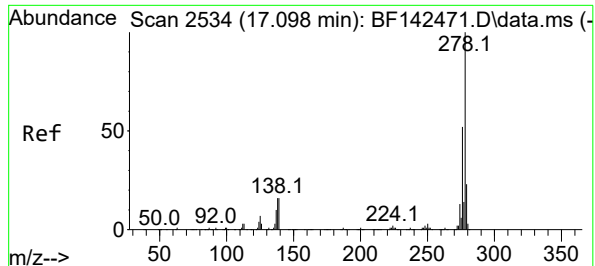
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.7 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 43.063 ng

RT: 17.109 min Scan# 2111

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

PB168235BS

Tgt Ion:278 Resp: 691110

Ion Ratio Lower Upper

278 100

139 16.8 12.8 19.2

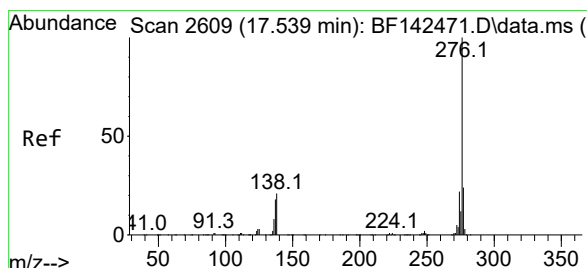
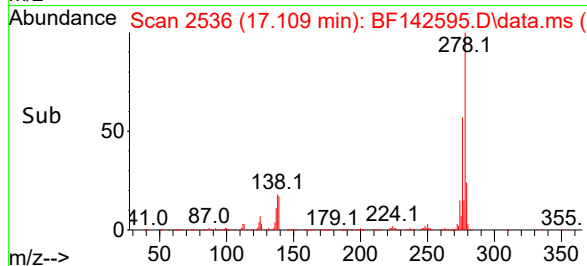
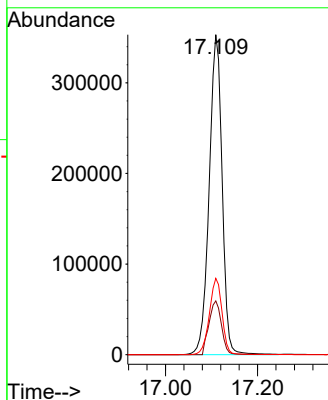
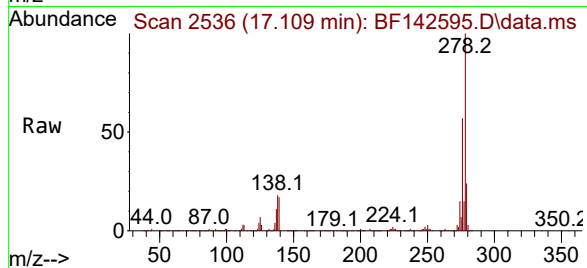
279 23.9 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#92

Benzo(g,h,i)perylene

Concen: 42.564 ng

RT: 17.551 min Scan# 2611

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

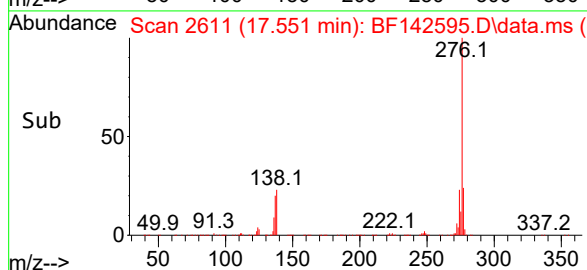
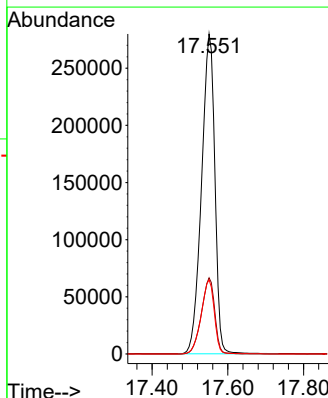
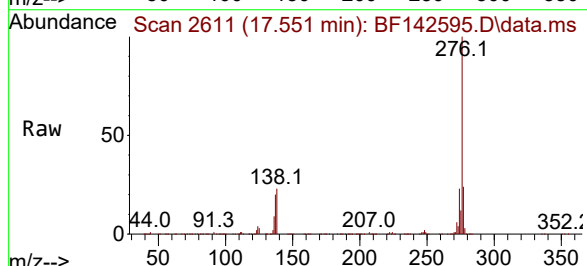
Tgt Ion:276 Resp: 683261

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 23.1 16.8 25.2



Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	PB168235BSD	SDG No.:	Q2134
Lab Sample ID:	PB168235BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142596.D	1	05/30/25 09:21	06/02/25 14:23	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	33.6		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.9		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.4		1.30	5.00	ug/L
98-86-2	Acetophenone	40.5		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.6		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	40.6		0.76	5.00	ug/L
78-59-1	Isophorone	40.9		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.5		0.68	5.00	ug/L
91-20-3	Naphthalene	41.0		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	18.1		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	40.3		0.54	5.00	ug/L
105-60-2	Caprolactam	49.3		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	40.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	77.8		3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	40.5		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	40.7		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	43.4		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	43.0		0.61	5.00	ug/L
208-96-8	Acenaphthylene	41.1		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	44.2		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	26.1		1.10	5.00	ug/L
83-32-9	Acenaphthene	45.2		0.55	5.00	ug/L
132-64-9	Dibenzofuran	41.2		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	46.2		1.20	5.00	ug/L
84-66-2	Diethylphthalate	43.1		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.5		0.68	5.00	ug/L
86-73-7	Fluorene	41.5		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	45.9		1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	PB168235BSD	SDG No.:	Q2134
Lab Sample ID:	PB168235BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142596.D	1	05/30/25 09:21	06/02/25 14:23	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	41.1		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	41.0		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	41.6		0.52	5.00	ug/L
1912-24-9	Atrazine	46.4		1.00	5.00	ug/L
85-01-8	Phenanthrene	41.2		0.50	5.00	ug/L
120-12-7	Anthracene	41.1		0.61	5.00	ug/L
86-74-8	Carbazole	42.0		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	44.2		1.20	5.00	ug/L
206-44-0	Fluoranthene	42.5		0.82	5.00	ug/L
129-00-0	Pyrene	42.8		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	49.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	26.2		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	42.5		0.45	5.00	ug/L
218-01-9	Chrysene	43.7		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.1		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.8		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	43.9		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	39.9		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	43.1		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40.7		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	41.1		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	40.6		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40.1		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	34.4		1.00	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	119		15 (23) - 110 (138)	79%	SPK: 150
13127-88-3	Phenol-d6	121		15 (10) - 110 (134)	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.1		30 (67) - 130 (132)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.6		30 (52) - 130 (132)	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		15 (44) - 110 (137)	82%	SPK: 150

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	PB168235BSD	SDG No.:	Q2134
Lab Sample ID:	PB168235BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142596.D	1	05/30/25 09:21	06/02/25 14:23	PB168235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	75.7		30 (42) - 130 (152)	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	122000	6.898			
1146-65-2	Naphthalene-d8	480000	8.186			
15067-26-2	Acenaphthene-d10	267000	9.939			
1517-22-2	Phenanthrene-d10	468000	11.433			
1719-03-5	Chrysene-d12	244000	14.074			
1520-96-3	Perylene-d12	271000	15.568			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142596.D
 Acq On : 02 Jun 2025 14:23
 Operator : RC/JU
 Sample : PB168235BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168235BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/03/2025
 Supervised By :Jagrut Upadhyay 06/03/2025

Quant Time: Jun 02 14:46:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	121815	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	480019	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	267337	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	467735	20.000	ng	0.00
76) Chrysene-d12	14.074	240	244296	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	271289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	859387	118.857	ng	0.01
7) Phenol-d6	6.528	99	1054388	121.142	ng	0.00
23) Nitrobenzene-d5	7.463	82	643375	73.086	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	362774	122.265	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1387378	69.638	ng	-0.01
79) Terphenyl-d14	13.016	244	1353021	75.685	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	99567	34.413	ng	100
3) Pyridine	3.516	79	281828	38.251	ng	98
4) n-Nitrosodimethylamine	3.469	42	153136	40.029	ng	89
6) Aniline	6.563	93	374034	31.961	ng	100
8) 2-Chlorophenol	6.687	128	335779	42.636	ng	100
9) Benzaldehyde	6.451	77	175660	33.555	ng	100
10) Phenol	6.545	94	406297	41.486	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	295502	41.917	ng	99
12) 1,3-Dichlorobenzene	6.839	146	353667	40.245	ng	99
13) 1,4-Dichlorobenzene	6.916	146	361425	40.829	ng	98
14) 1,2-Dichlorobenzene	7.069	146	346239	40.877	ng	99
15) Benzyl Alcohol	7.039	79	270724	42.090	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	489983	41.387	ng	97
17) 2-Methylphenol	7.151	107	263017	42.776	ng	99
18) Hexachloroethane	7.410	117	124536	40.290	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	219266	40.649	ng	98
20) 3+4-Methylphenols	7.304	107	328466	41.715	ng	99
22) Acetophenone	7.310	105	430279	40.493	ng	99
24) Nitrobenzene	7.481	77	322571	40.628	ng	100
25) Isophorone	7.722	82	602379	40.928	ng	99
26) 2-Nitrophenol	7.798	139	183337	43.216	ng	96
27) 2,4-Dimethylphenol	7.834	122	319594	42.718	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	381998	41.548	ng	99
29) 2,4-Dichlorophenol	8.039	162	293761	43.176	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	302860	41.016	ng	98
31) Naphthalene	8.204	128	969182	41.005	ng	100
32) Benzoic acid	7.957	122	214093	47.010	ng	96
33) 4-Chloroaniline	8.251	127	173118	18.076	ng	98
34) Hexachlorobutadiene	8.322	225	185656	40.268	ng	99
35) Caprolactam	8.622	113	94251m	49.323	ng	
36) 4-Chloro-3-methylphenol	8.733	107	301488	43.238	ng	97
37) 2-Methylnaphthalene	8.898	142	603600	40.592	ng	99
38) 1-Methylnaphthalene	8.998	142	625578	40.672	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	307355	40.051	ng	99
41) Hexachlorocyclopentadiene	9.051	237	402562	77.762	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	216571	41.851	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142596.D
 Acq On : 02 Jun 2025 14:23
 Operator : RC/JU
 Sample : PB168235BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168235BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/03/2025
 Supervised By :Jagrut Upadhyay 06/03/2025

Quant Time: Jun 02 14:46:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	231921	42.495	ng	99
46) 1,1'-Biphenyl	9.363	154	840854	40.542	ng	99
47) 2-Chloronaphthalene	9.386	162	623705	40.702	ng	99
48) 2-Nitroaniline	9.480	65	192120	43.375	ng	98
49) Acenaphthylene	9.804	152	1063876	41.115	ng	100
50) Dimethylphthalate	9.663	163	758859	43.020	ng	100
51) 2,6-Dinitrotoluene	9.728	165	168232	44.188	ng	95
52) Acenaphthene	9.975	154	714616	45.228	ng	99
53) 3-Nitroaniline	9.892	138	108414	26.071	ng	98
54) 2,4-Dinitrophenol	10.004	184	195823	99.556	ng	92
55) Dibenzofuran	10.151	168	935965	41.165	ng	98
56) 4-Nitrophenol	10.057	139	275219	89.699	ng	97
57) 2,4-Dinitrotoluene	10.128	165	229516	46.161	ng	99
58) Fluorene	10.492	166	728508	41.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	197146	43.271	ng	99
60) Diethylphthalate	10.363	149	742673	43.109	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	358107	41.501	ng	98
62) 4-Nitroaniline	10.510	138	173033	45.880	ng	97
63) Azobenzene	10.639	77	654721	42.312	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	124652	47.754	ng	98
66) n-Nitrosodiphenylamine	10.604	169	657300	41.076	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	226677	40.986	ng	97
68) Hexachlorobenzene	11.039	284	254337	41.579	ng	100
69) Atrazine	11.127	200	197333	46.434	ng	100
70) Pentachlorophenol	11.233	266	286493	82.956	ng	99
71) Phenanthrene	11.457	178	1030386	41.221	ng	100
72) Anthracene	11.510	178	1047674	41.067	ng	99
73) Carbazole	11.663	167	915413	41.974	ng	99
74) Di-n-butylphthalate	11.986	149	1054540	44.174	ng	100
75) Fluoranthene	12.645	202	993361	42.530	ng	98
77) Benzidine	12.763	184	337902	37.169	ng	99
78) Pyrene	12.874	202	974927	42.780	ng	100
80) Butylbenzylphthalate	13.486	149	310361	49.286	ng	99
81) Benzo(a)anthracene	14.063	228	692921	42.477	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	129835	26.241	ng	98
83) Chrysene	14.104	228	640831	43.718	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	396090	49.135	ng	99
85) Di-n-octyl phthalate	14.663	149	689795	43.763	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	828706	40.689	ng	98
88) Benzo(b)fluoranthene	15.127	252	704885	43.901	ng	98
89) Benzo(k)fluoranthene	15.157	252	599933	39.893	ng	97
90) Benzo(a)pyrene	15.504	252	651737	43.063	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	679455	41.133	ng	99
92) Benzo(g,h,i)perylene	17.551	276	670764	40.598	ng	98

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

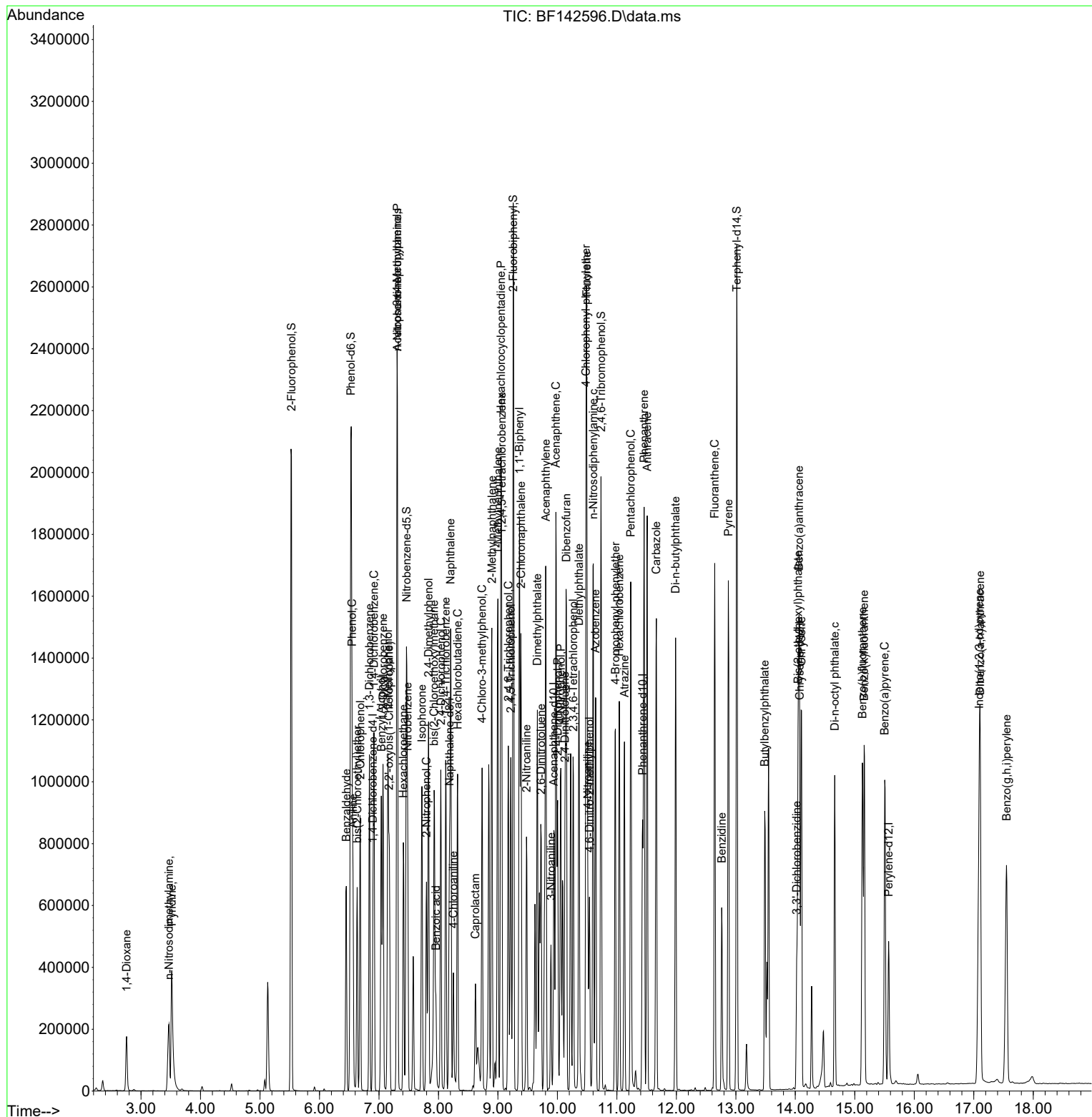

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Acq On    : 02 Jun 2025  14:23  
Operator  : RC/JU  
Sample    : PB168235BSD  
Misc      :  
ALS Vial  : 8    Sample Multiplier: 1
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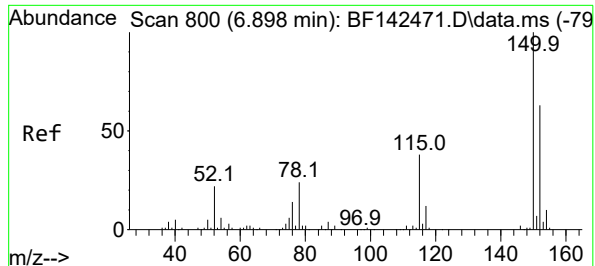
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BNA_F
ClientSampleId :
PB168235BSD

Manual Integrations

Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jaagrut Upadhyay 06/03/2025

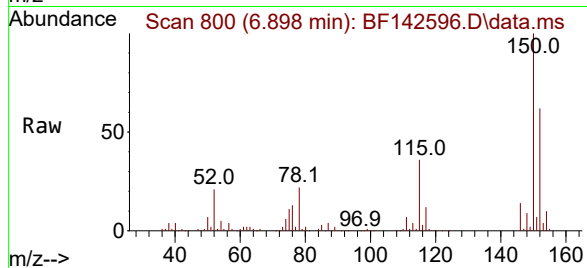
Quant Time: Jun 02 14:46:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

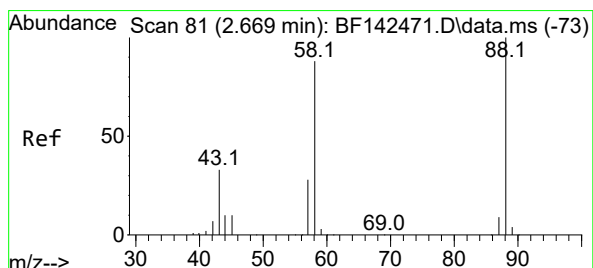
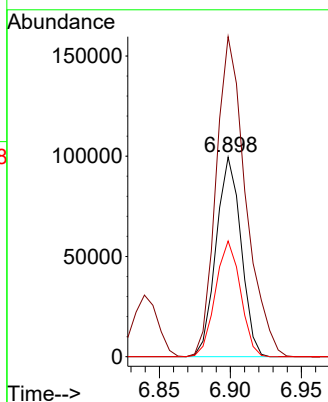
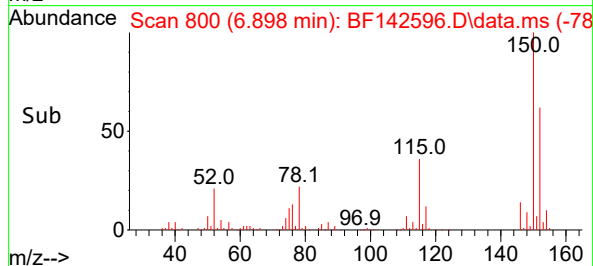
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion:152 Resp: 121815
Ion Ratio Lower Upper
152 100
150 160.4 128.2 192.4
115 58.0 48.3 72.5

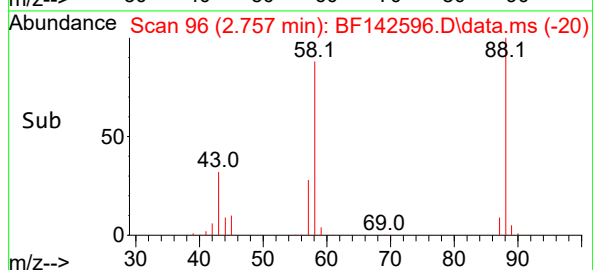
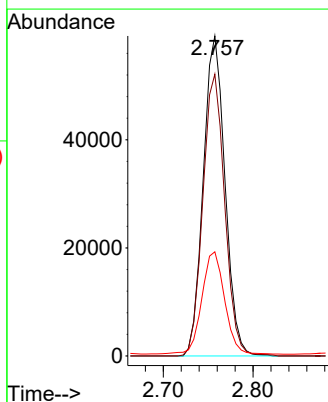
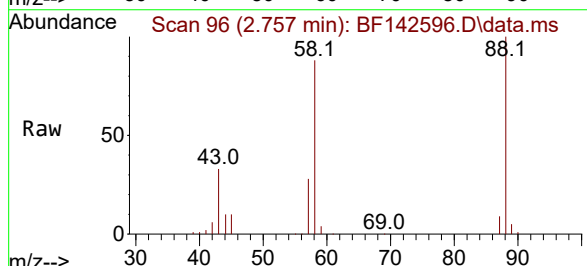
Manual Integrations
APPROVED

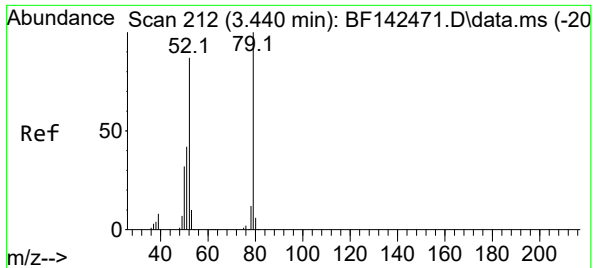
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#2
1,4-Dioxane
Concen: 34.413 ng
RT: 2.757 min Scan# 96
Delta R.T. 0.094 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

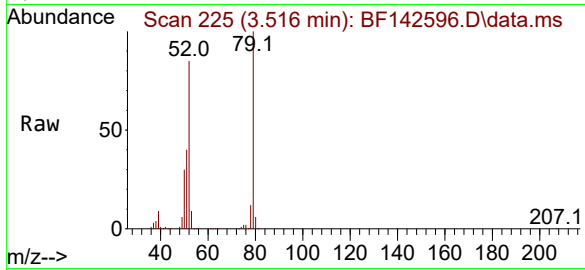
Tgt Ion: 88 Resp: 99567
Ion Ratio Lower Upper
88 100
58 88.7 70.8 106.2
43 33.6 26.6 40.0





#3
Pyridine
Concen: 38.251 ng
RT: 3.516 min Scan# 212
Delta R.T. 0.077 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

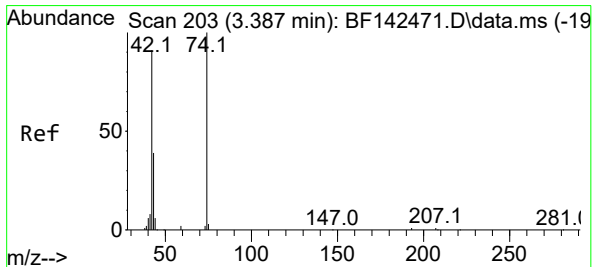
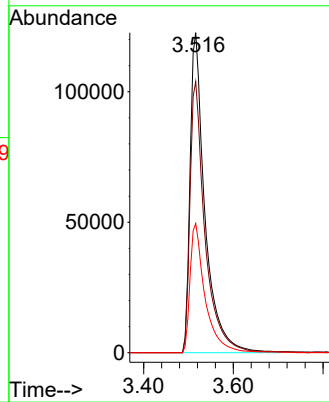
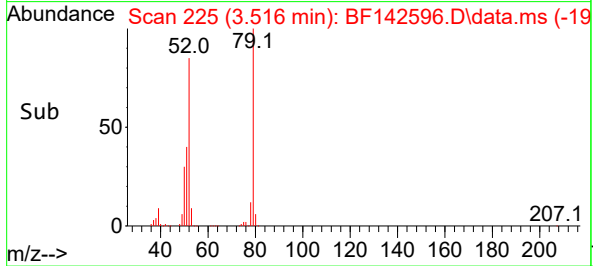
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



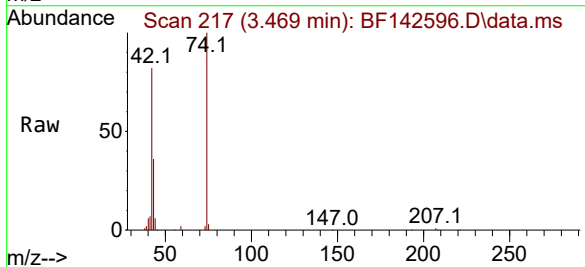
Tgt Ion: 79 Resp: 281828
Ion Ratio Lower Upper
79 100
52 84.7 69.2 103.8
51 40.4 33.3 49.9

Manual Integrations
APPROVED

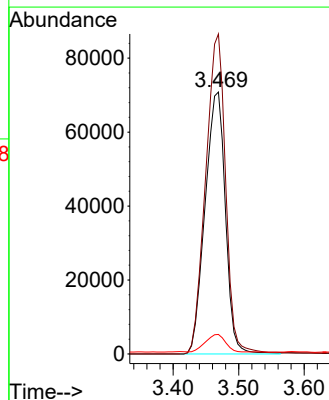
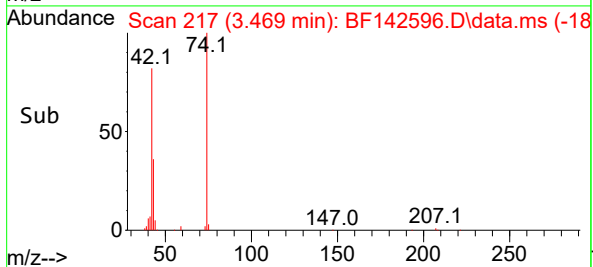
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

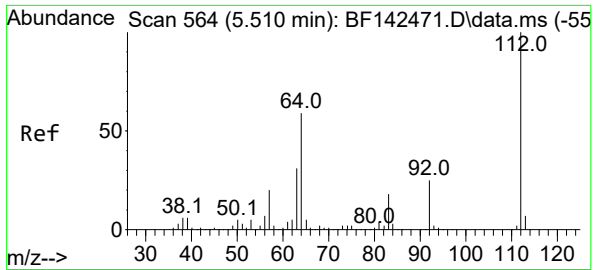


#4
n-Nitrosodimethylamine
Concen: 40.029 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.065 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



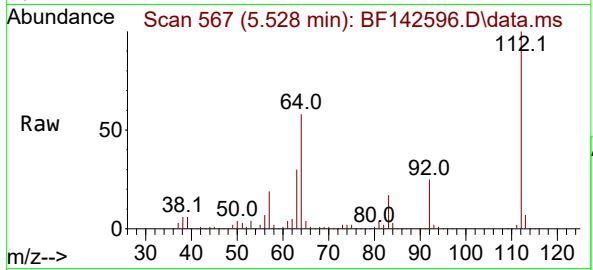
Tgt Ion: 42 Resp: 153136
Ion Ratio Lower Upper
42 100
74 122.2 88.2 132.4
44 7.5 5.4 8.2





#5
2-Fluorophenol
Concen: 118.857 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

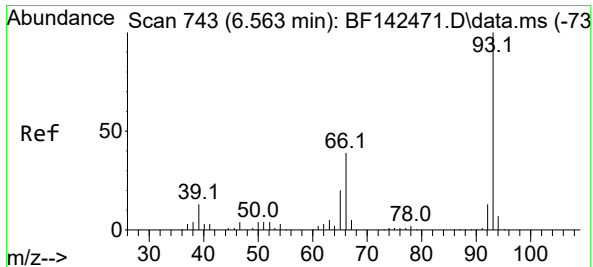
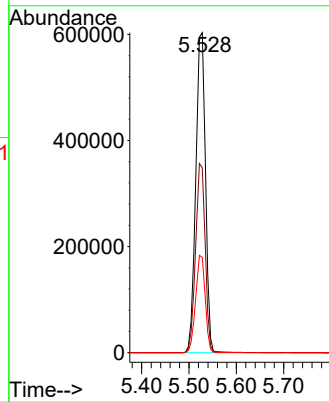
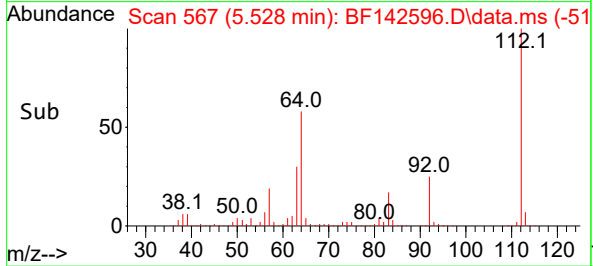
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion:112 Resp: 85938
Ion Ratio Lower Upper
112 100
64 57.8 47.5 71.3
63 29.8 24.9 37.3

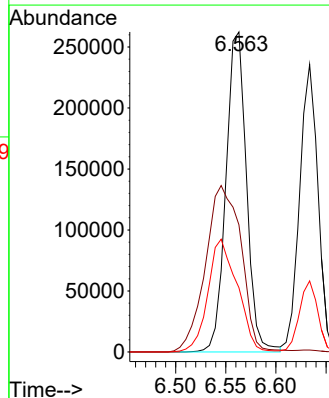
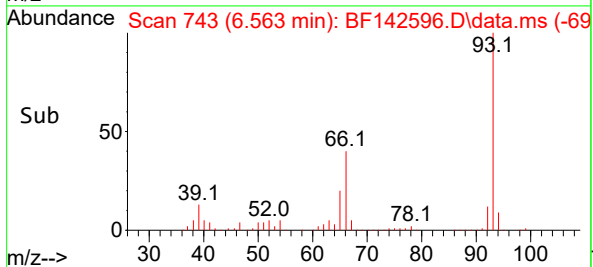
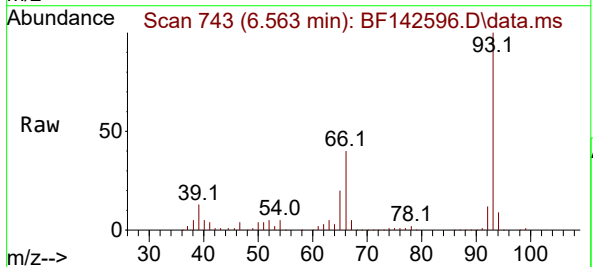
Manual Integrations
APPROVED

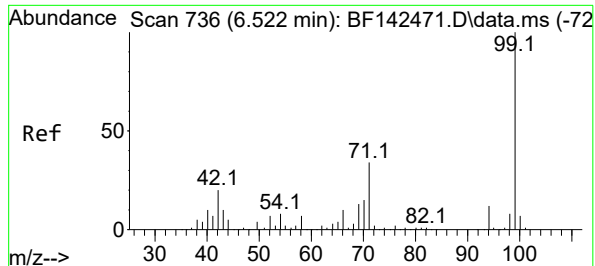
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#6
Aniline
Concen: 31.961 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion: 93 Resp: 374034
Ion Ratio Lower Upper
93 100
66 39.8 32.0 48.0
65 20.1 16.1 24.1





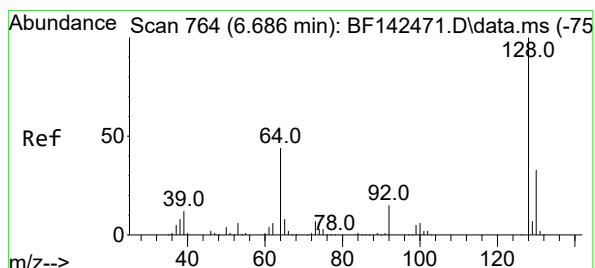
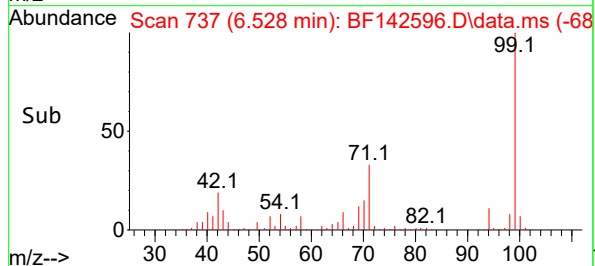
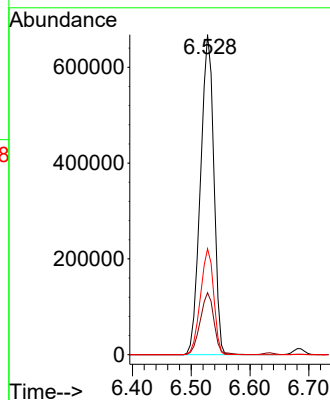
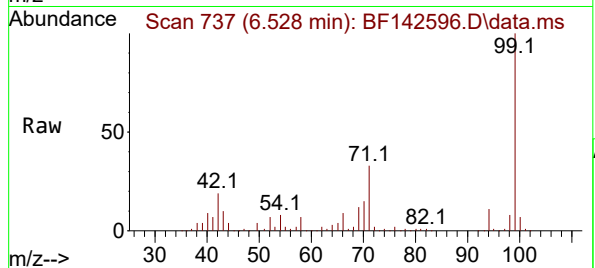
#7
Phenol-d6
Concen: 121.142 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Instrument :
BNA_F
ClientSampleId :
PB168235BSD

Tgt Ion: 99 Resp: 105438
Ion Ratio Lower Upper
99 100
42 19.4 16.2 24.2
71 33.1 27.3 40.9

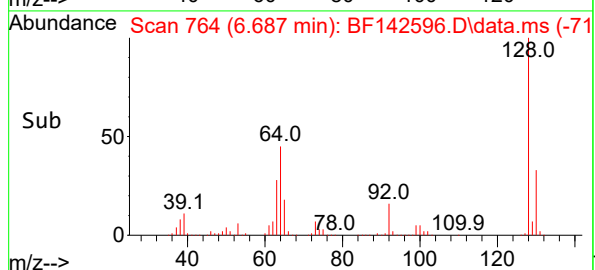
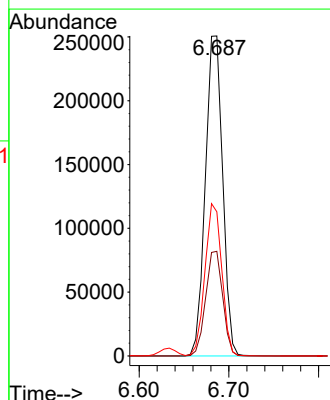
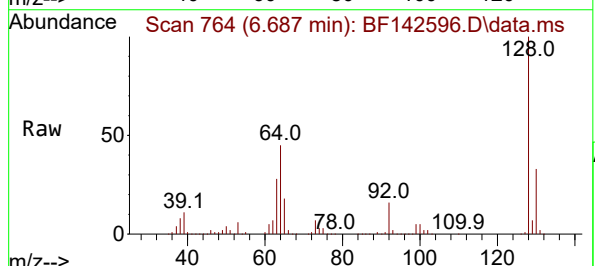
Manual Integrations
APPROVED

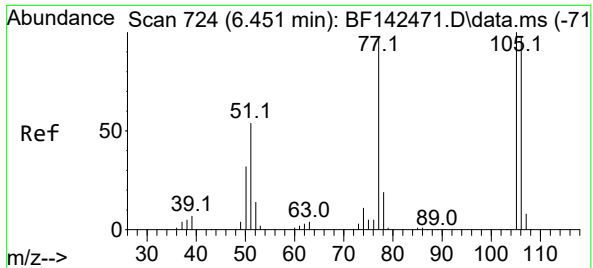
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#8
2-Chlorophenol
Concen: 42.636 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:128 Resp: 335779
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 45.1 25.1 65.1





#9

Benzaldehyde

Concen: 33.555 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion: 77 Resp: 175660

Ion Ratio Lower Upper

77 100

105 103.1 82.5 122.5

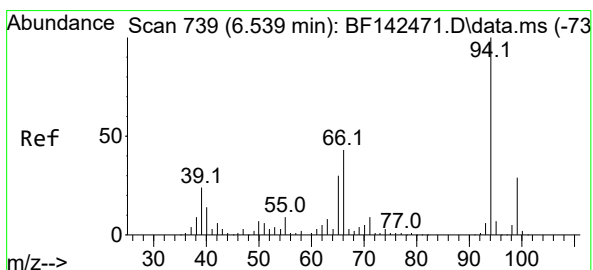
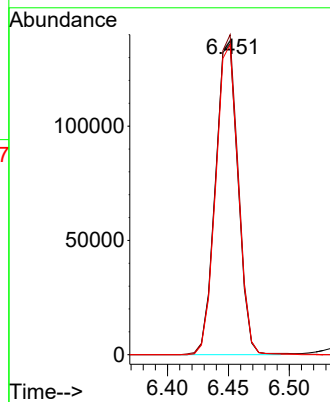
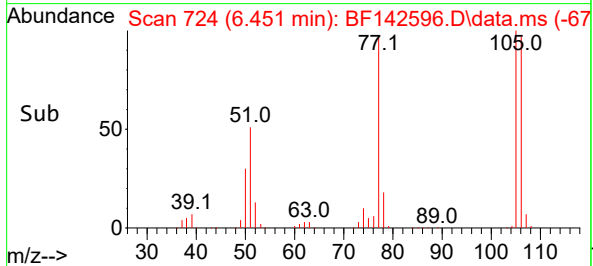
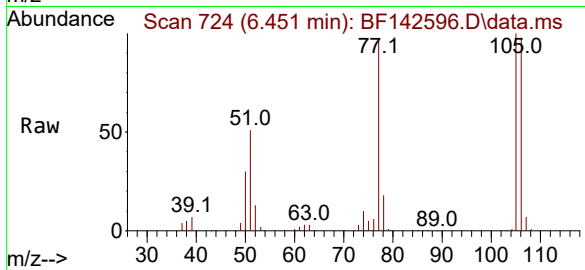
106 99.9 80.0 120.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#10

Phenol

Concen: 41.486 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

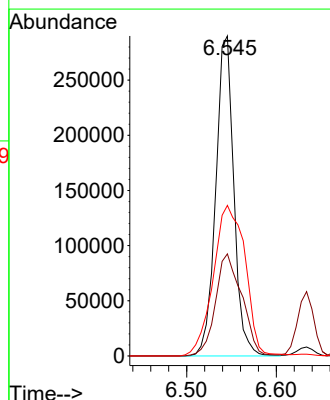
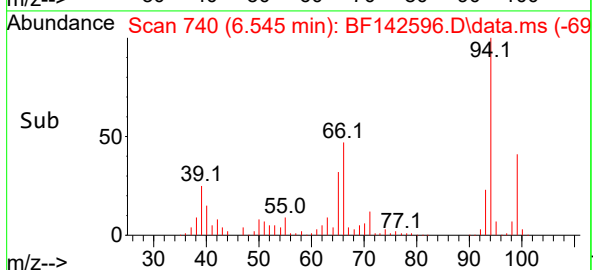
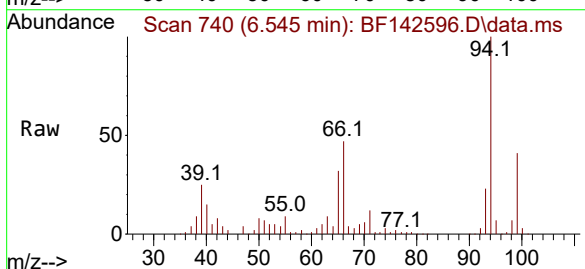
Tgt Ion: 94 Resp: 406297

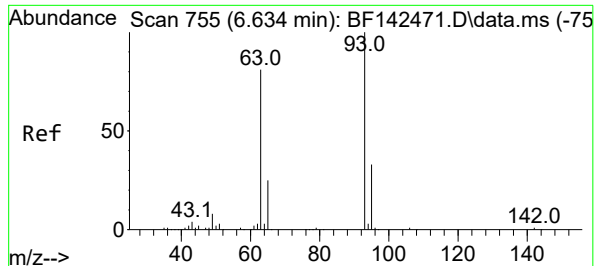
Ion Ratio Lower Upper

94 100

65 31.9 10.3 50.3

66 47.1 22.6 62.6





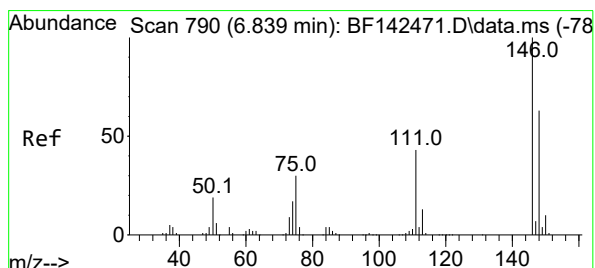
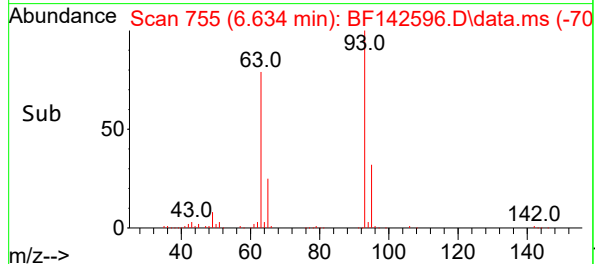
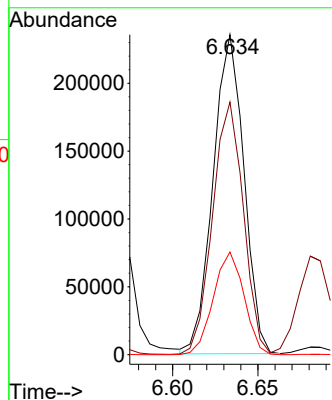
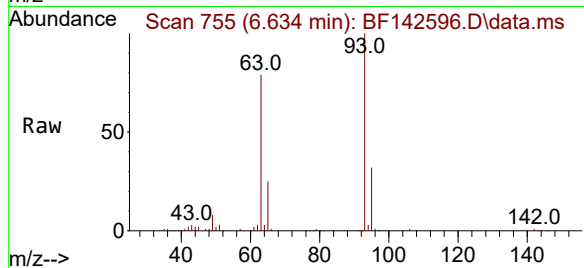
#11
bis(2-Chloroethyl)ether
Concen: 41.917 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Instrument :
BNA_F
ClientSampleId :
PB168235BSD

Tgt Ion: 93 Resp: 295502
Ion Ratio Lower Upper
93 100
63 78.9 60.2 100.2
95 32.1 12.3 52.3

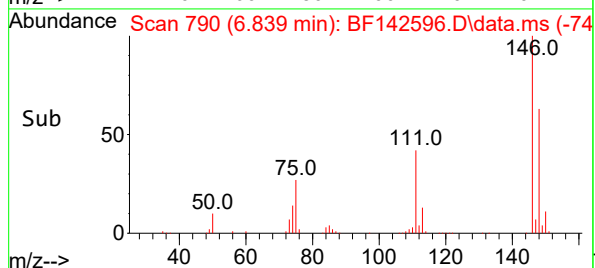
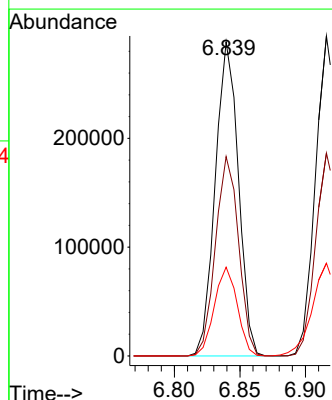
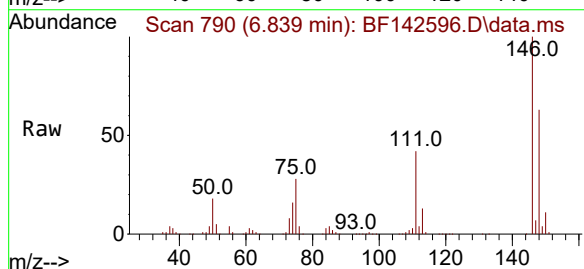
Manual Integrations
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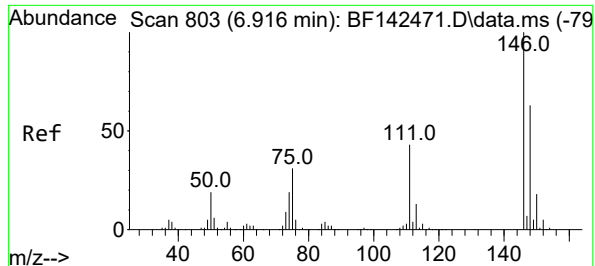
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#12
1,3-Dichlorobenzene
Concen: 40.245 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:146 Resp: 353667
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
75 28.3 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 40.829 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:146 Resp: 361429

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

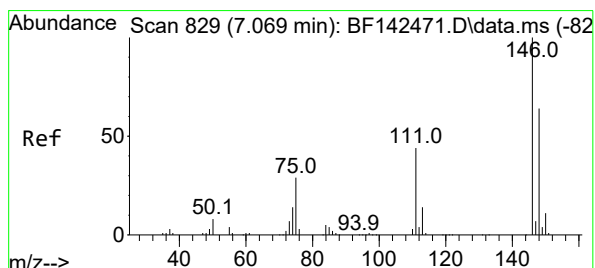
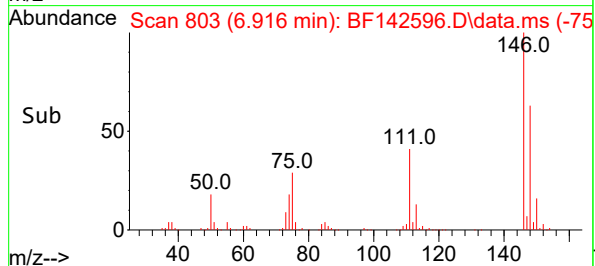
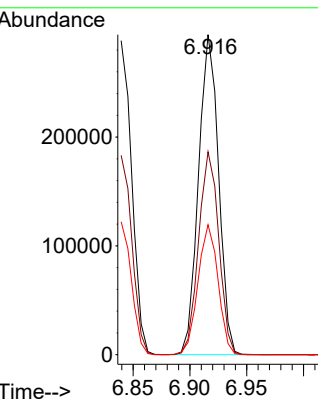
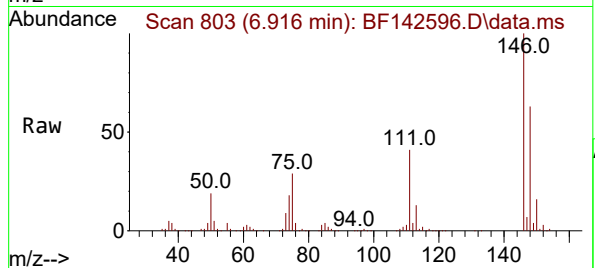
111 40.6 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#14

1,2-Dichlorobenzene

Concen: 40.877 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

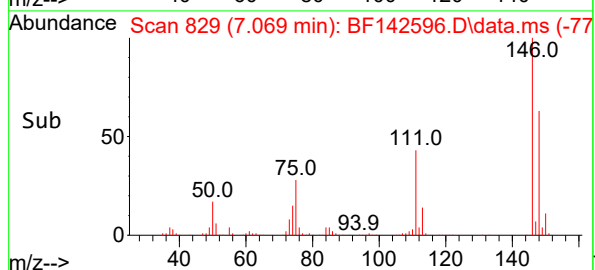
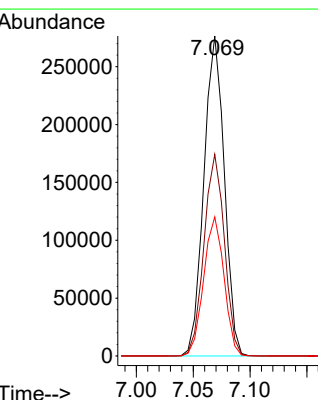
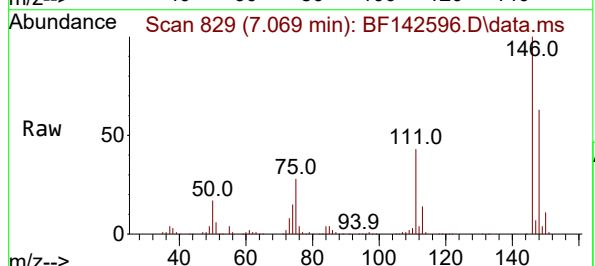
Tgt Ion:146 Resp: 346239

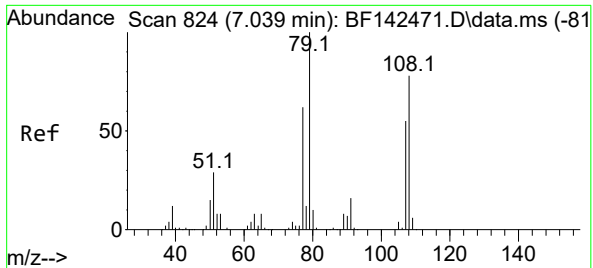
Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.4

111 43.4 35.0 52.6





#15

Benzyl Alcohol

Concen: 42.090 ng

RT: 7.039 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion: 79 Resp: 270724

Ion Ratio Lower Upper

79 100

108 80.3 62.1 93.1

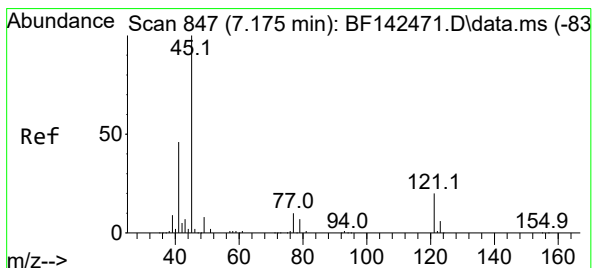
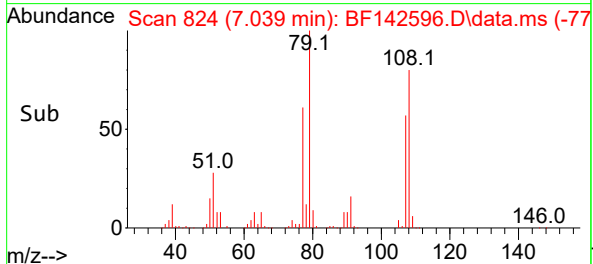
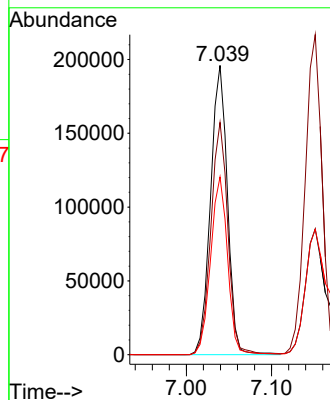
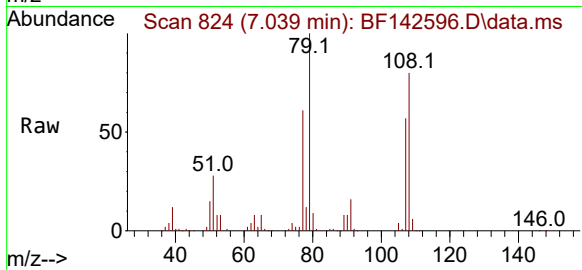
77 61.5 49.5 74.3

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.387 ng

RT: 7.169 min Scan# 846

Delta R.T. -0.012 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

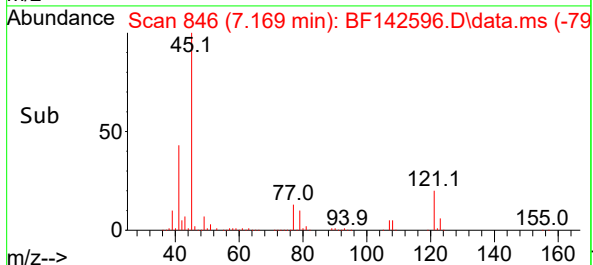
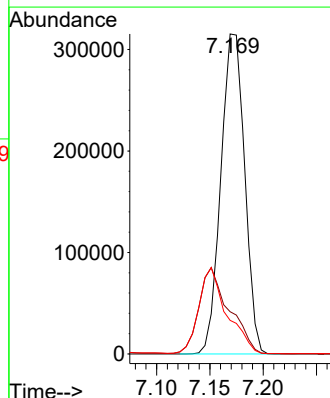
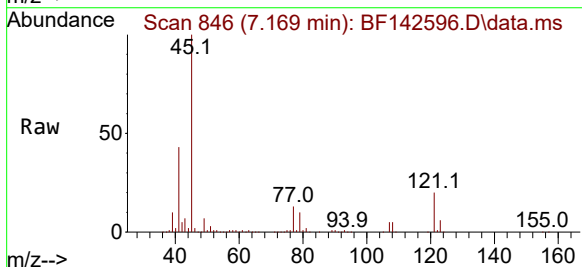
Tgt Ion: 45 Resp: 489983

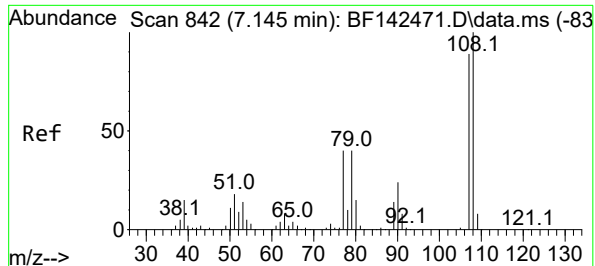
Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.0

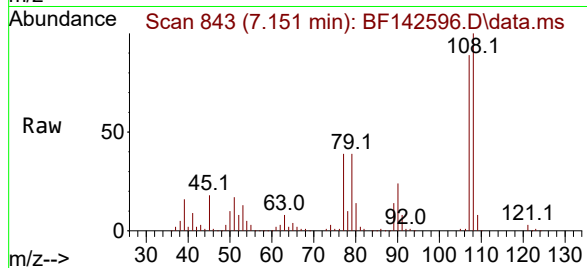
79 10.5 0.0 29.2





#17
2-Methylphenol
Concen: 42.776 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

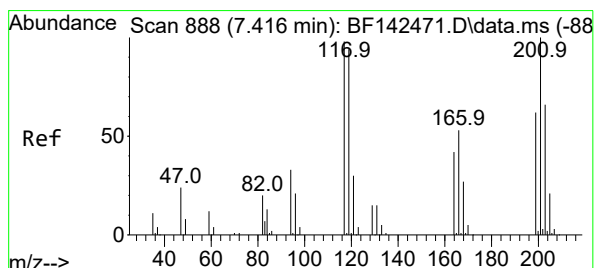
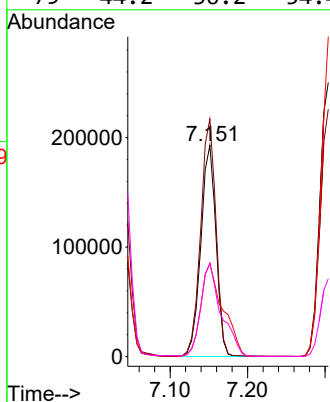
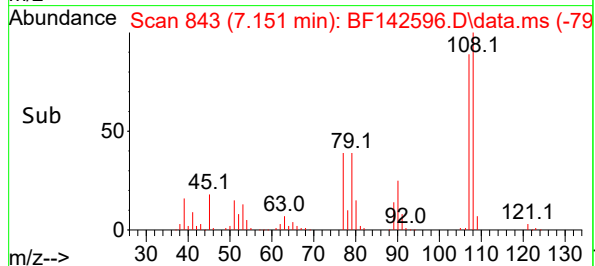
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



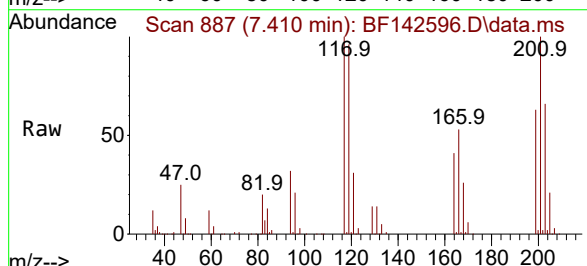
Tgt Ion:107 Resp: 26301
Ion Ratio Lower Upper
107 100
108 112.4 90.2 135.2
77 44.1 36.1 54.1
79 44.2 36.2 54.4

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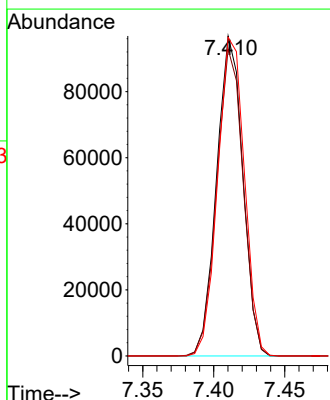
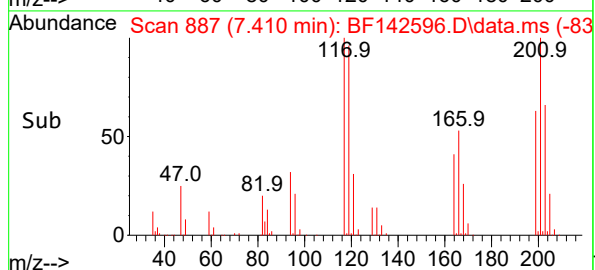
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

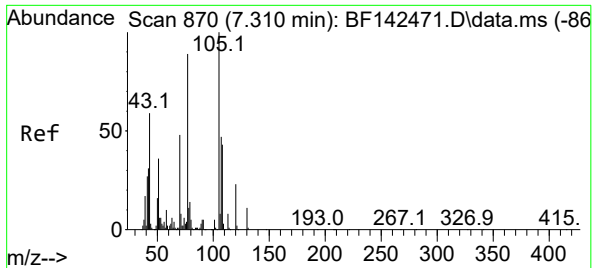


#18
Hexachloroethane
Concen: 40.290 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



Tgt Ion:117 Resp: 124536
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8
201 99.5 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.649 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.018 min

Lab File: BF142596.D

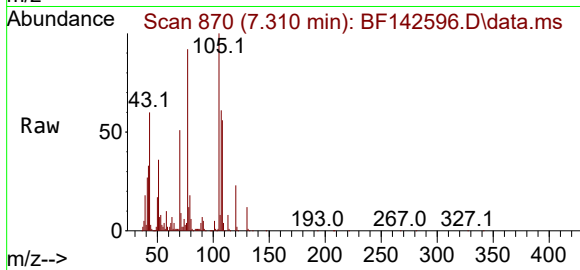
Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD



Tgt Ion: 70 Resp: 219260

Ion Ratio Lower Upper

70 100

42 64.2 52.4 78.6

101 10.1 7.8 11.8

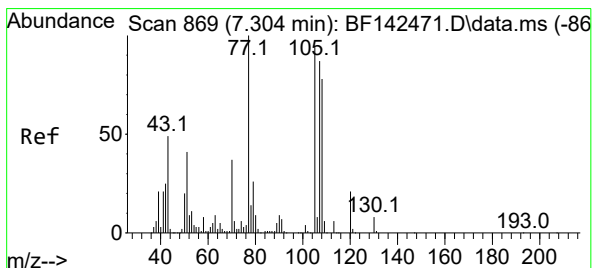
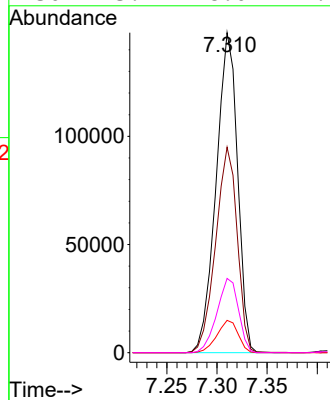
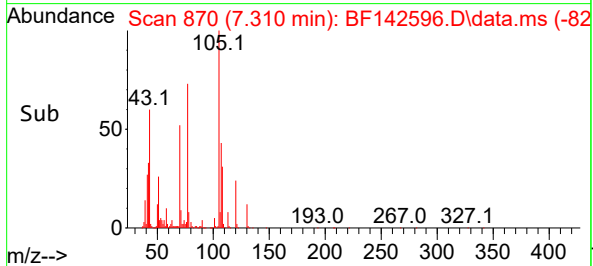
130 23.2 18.0 27.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#20

3+4-Methylphenols

Concen: 41.715 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Tgt Ion:107 Resp: 328466

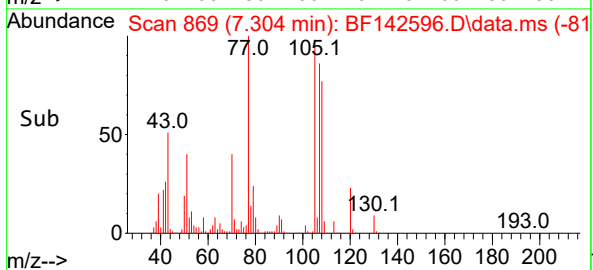
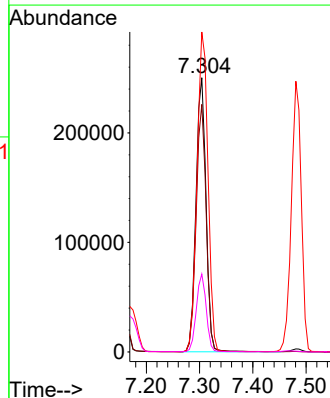
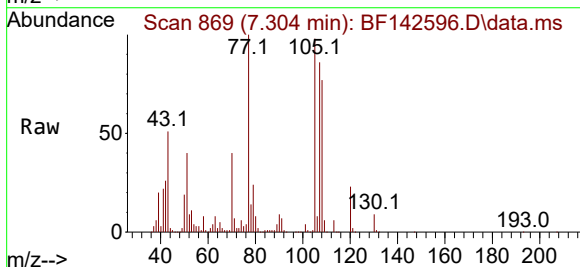
Ion Ratio Lower Upper

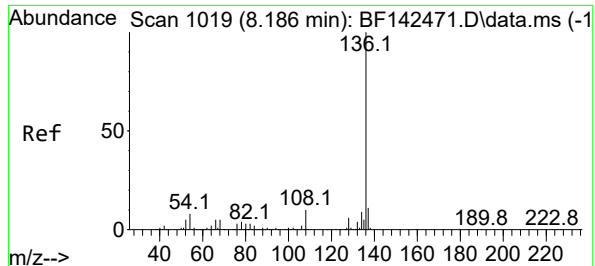
107 100

108 90.3 70.4 110.4

77 116.7 95.4 135.4

79 28.4 9.9 49.9





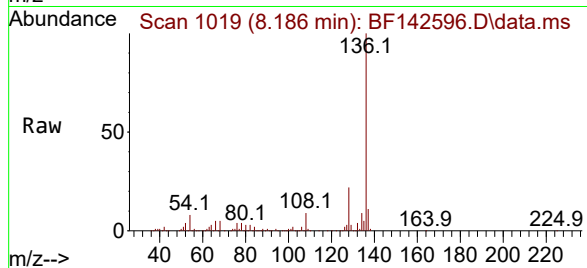
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

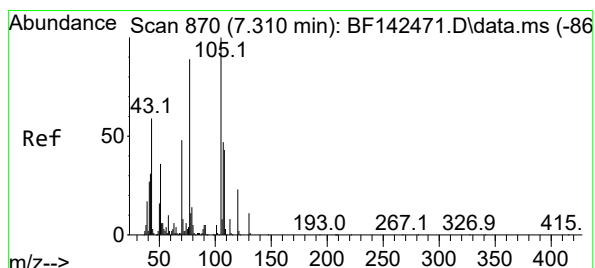
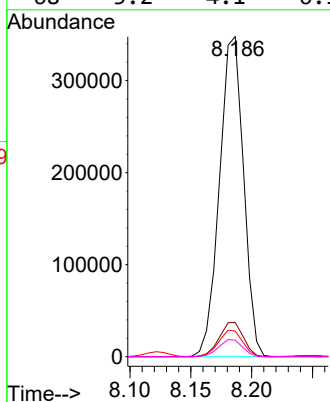
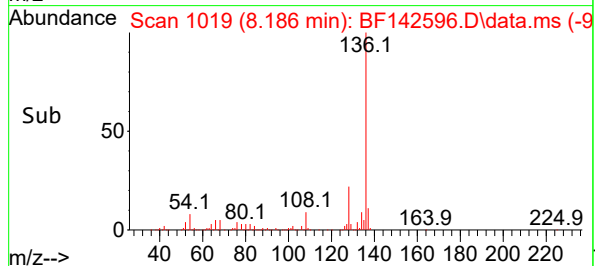


Tgt Ion:136 Resp: 480019
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.0 6.6 10.0
68 5.2 4.1 6.1

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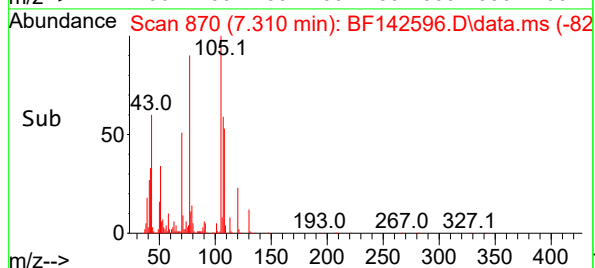
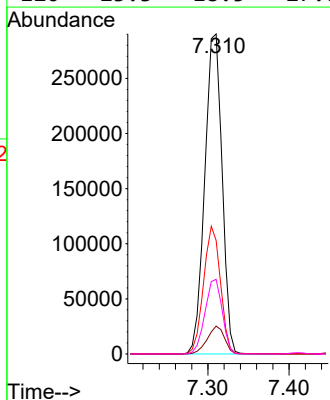
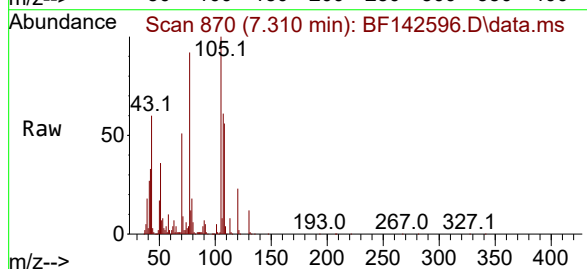
APPROVED

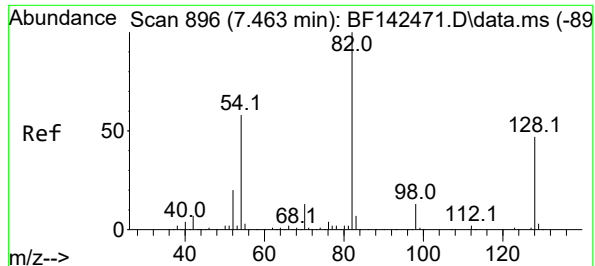
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#22
Acetophenone
Concen: 40.493 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:105 Resp: 430279
Ion Ratio Lower Upper
105 100
71 8.7 6.4 9.6
51 35.5 28.6 42.8
120 23.3 18.5 27.7





#23

Nitrobenzene-d5

Concen: 73.086 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion: 82 Resp: 643375

Ion Ratio Lower Upper

82 100

128 49.3 37.4 56.2

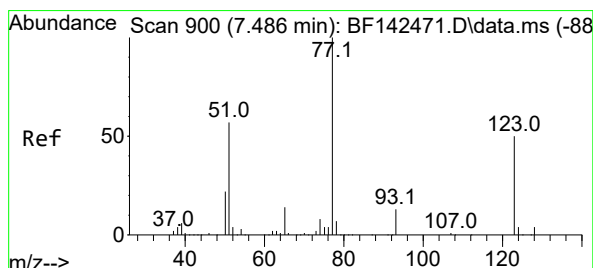
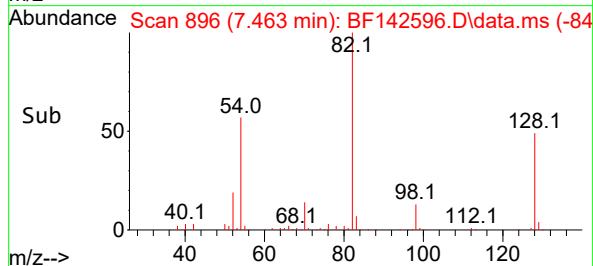
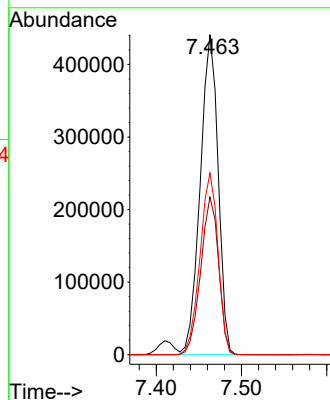
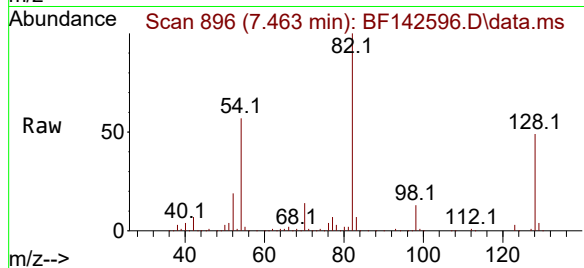
54 56.8 46.6 70.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#24

Nitrobenzene

Concen: 40.628 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

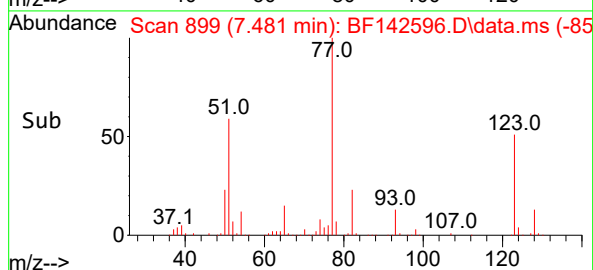
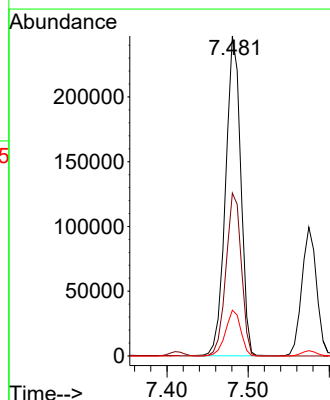
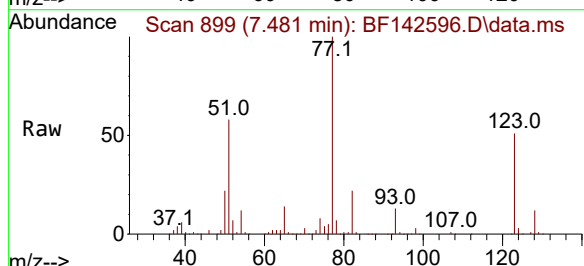
Tgt Ion: 77 Resp: 322571

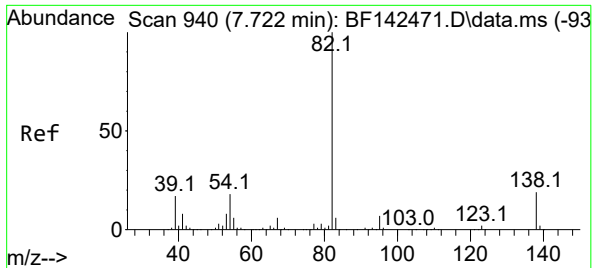
Ion Ratio Lower Upper

77 100

123 50.9 40.6 61.0

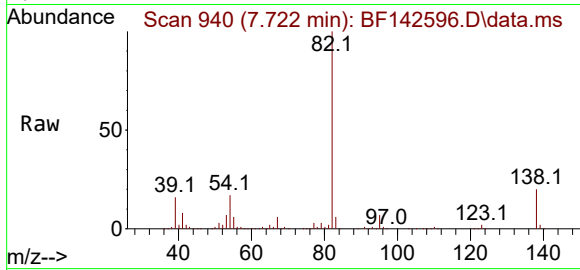
65 14.3 11.4 17.2





#25
Isophorone
Concen: 40.928 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

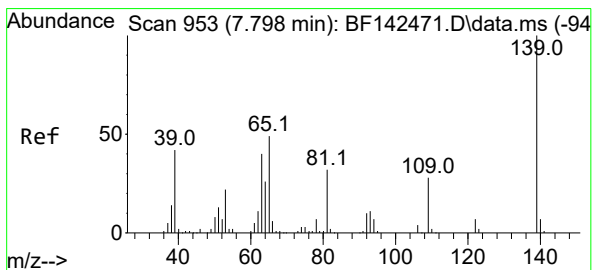
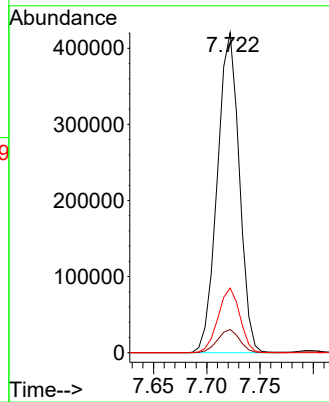
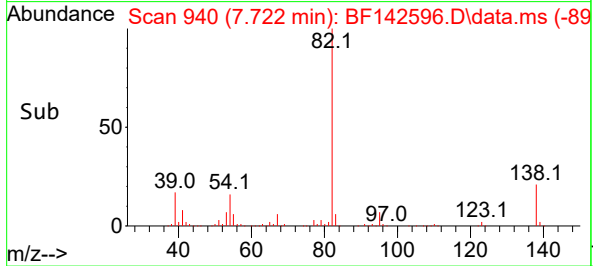
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion: 82 Resp: 602379
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 20.2 15.5 23.3

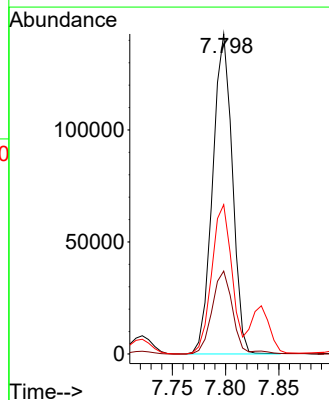
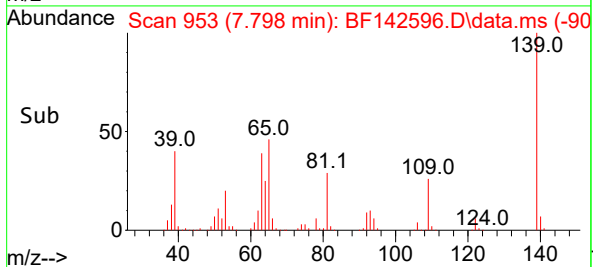
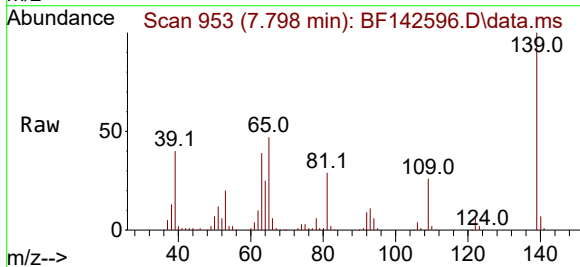
Manual Integrations
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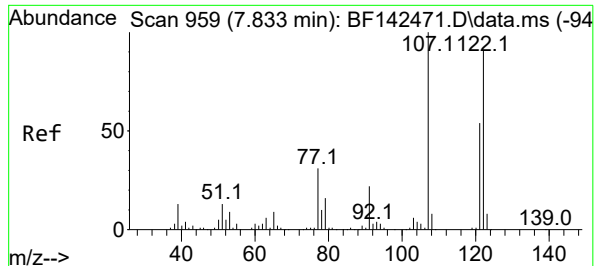
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#26
2-Nitrophenol
Concen: 43.216 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:139 Resp: 183337
Ion Ratio Lower Upper
139 100
109 25.9 22.6 33.8
65 46.6 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.718 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:122 Resp: 319594

Ion Ratio Lower Upper

122 100

107 108.4 88.1 132.1

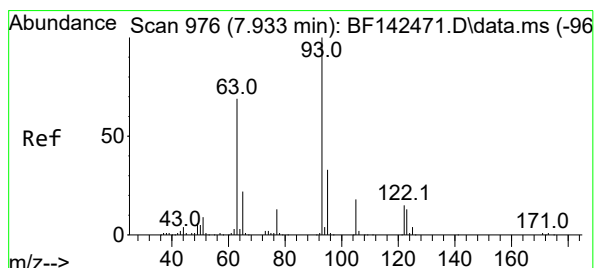
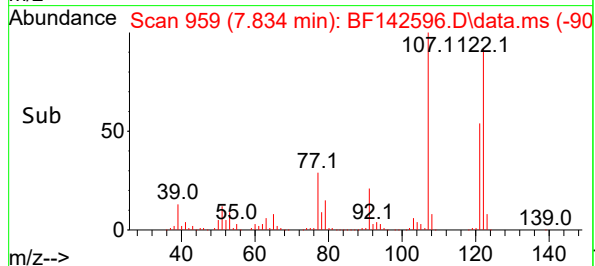
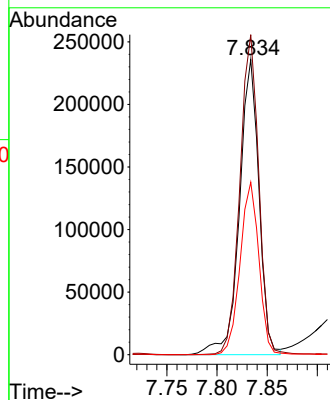
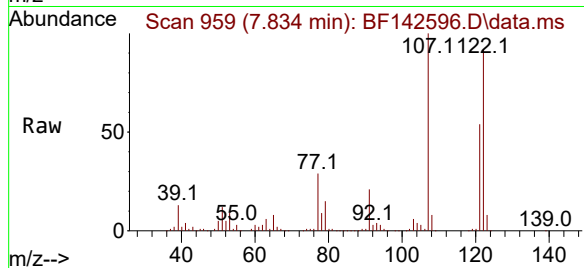
121 58.4 47.3 70.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.548 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

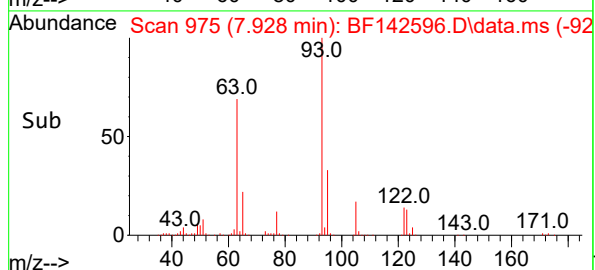
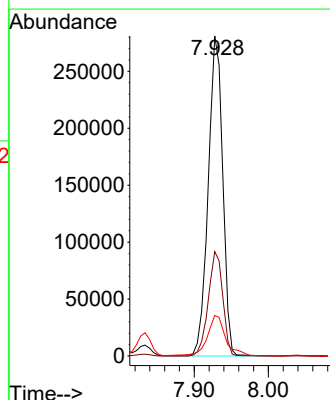
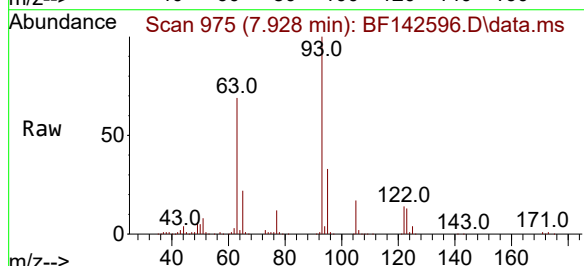
Tgt Ion: 93 Resp: 381998

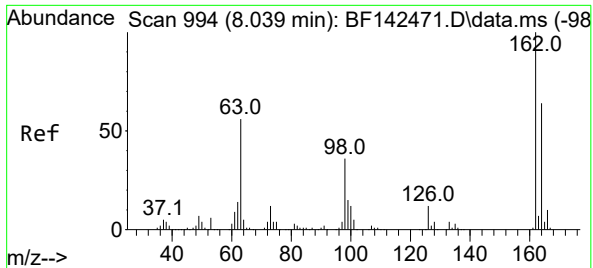
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.6 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 43.176 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142596.D

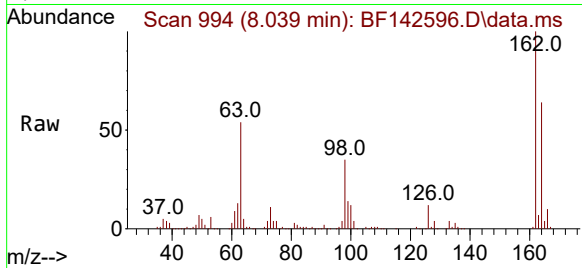
Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD



Tgt Ion:162 Resp: 29376

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

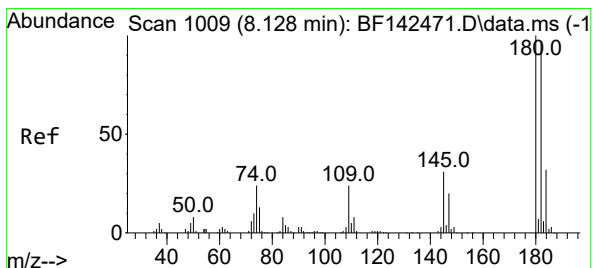
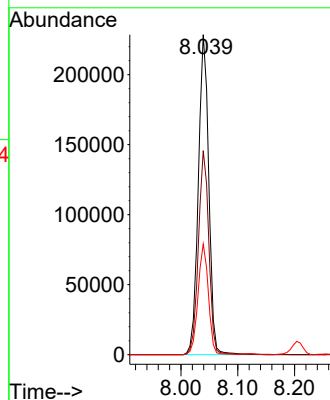
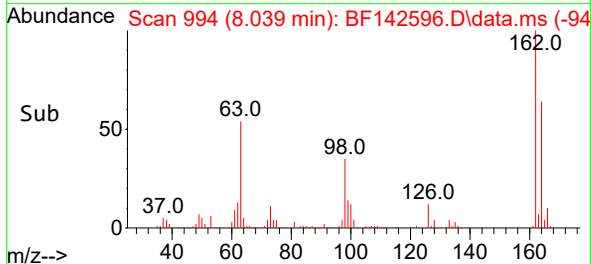
98 34.6 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.016 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

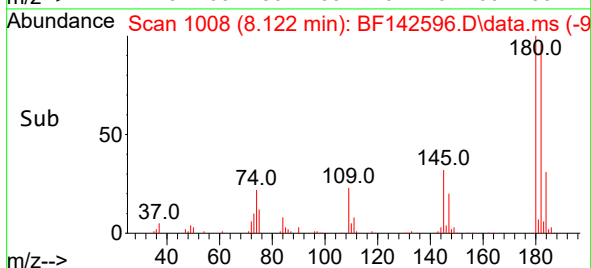
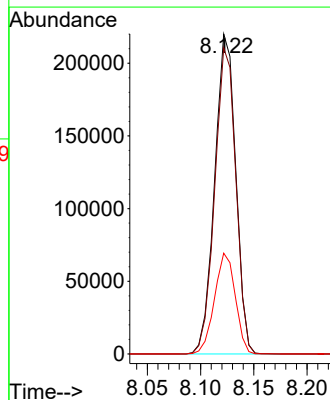
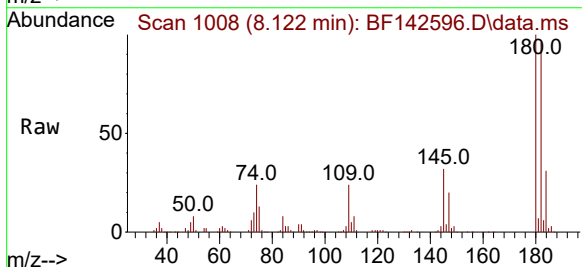
Tgt Ion:180 Resp: 302860

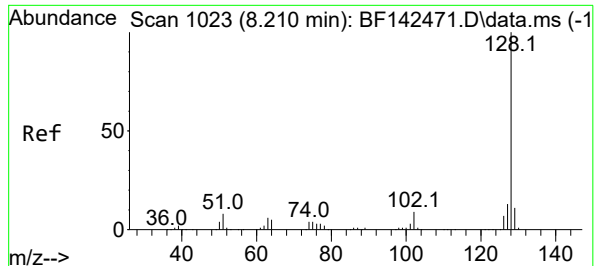
Ion Ratio Lower Upper

180 100

182 95.6 78.0 117.0

145 31.5 25.0 37.6





#31

Naphthalene

Concen: 41.005 ng

RT: 8.204 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:128 Resp: 96918

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

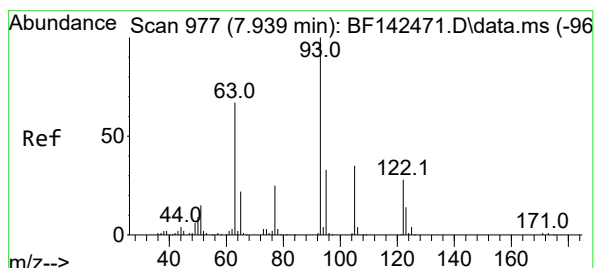
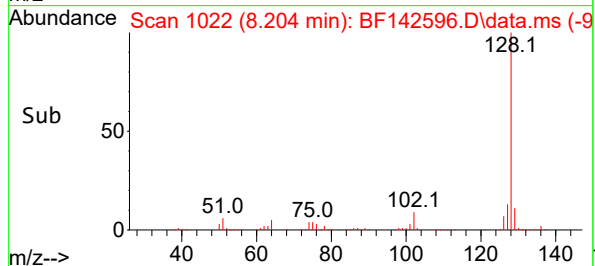
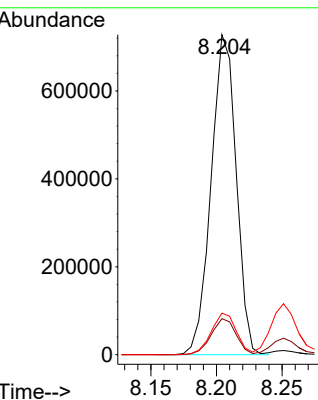
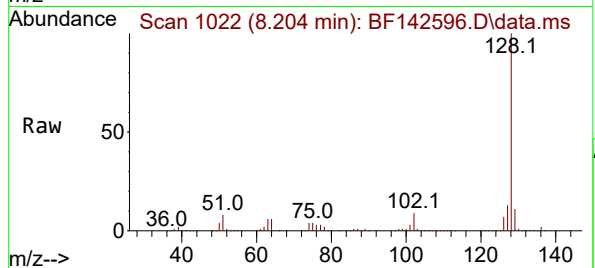
127 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#32

Benzoic acid

Concen: 47.010 ng

RT: 7.957 min Scan# 980

Delta R.T. -0.018 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

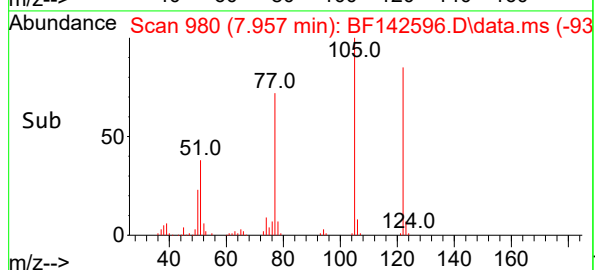
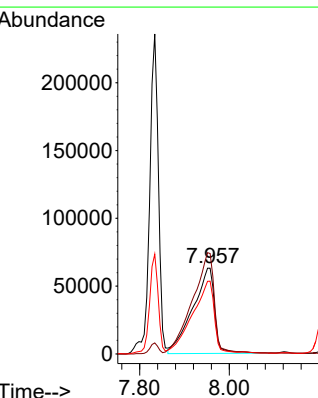
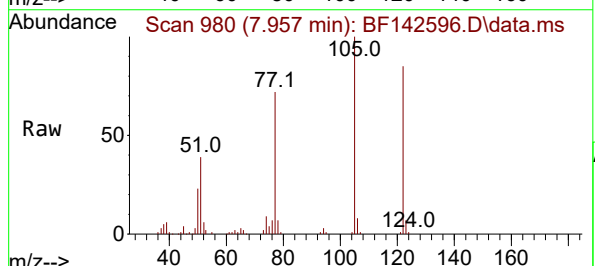
Tgt Ion:122 Resp: 214093

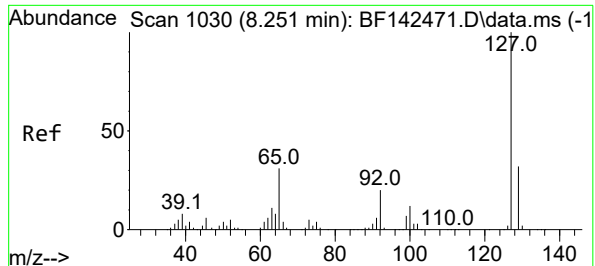
Ion Ratio Lower Upper

122 100

105 117.1 101.7 141.7

77 84.8 69.5 109.5





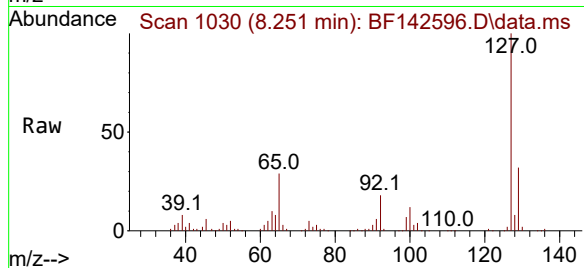
#33
4-Chloroaniline
Concen: 18.076 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD



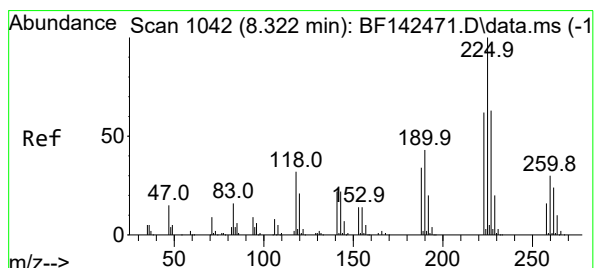
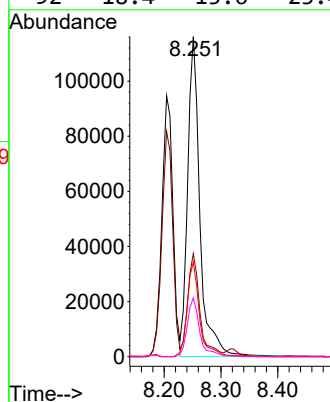
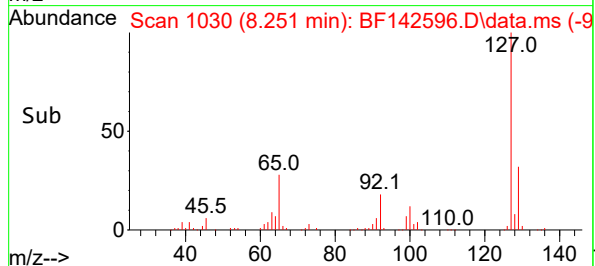
Tgt Ion:127 Resp: 173118
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1
65 29.5 24.9 37.3
92 18.4 15.6 23.4

Manual Integrations

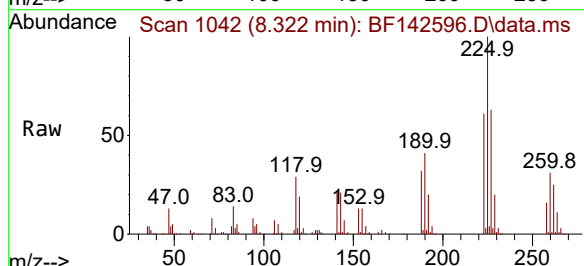
APPROVED

Reviewed By :Rahul Chavli 06/03/2025

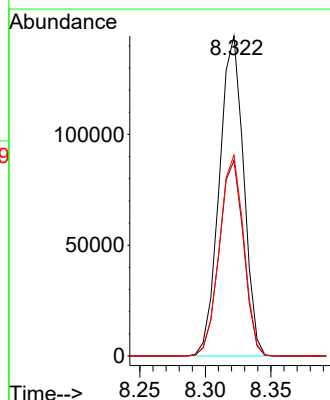
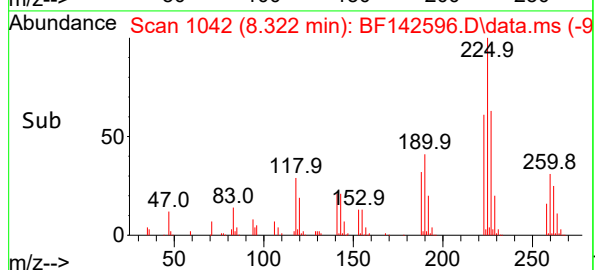
Supervised By :Jagrut Upadhyay 06/03/2025

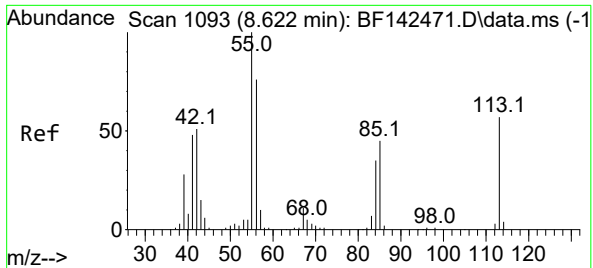


#34
Hexachlorobutadiene
Concen: 40.268 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



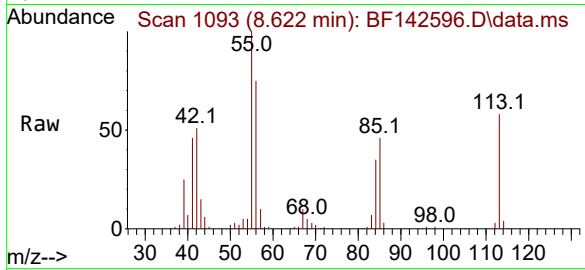
Tgt Ion:225 Resp: 185656
Ion Ratio Lower Upper
225 100
223 61.1 49.7 74.5
227 62.8 50.3 75.5





#35
Caprolactam
Concen: 49.323 ng m
RT: 8.622 min Scan# 1093
Delta R.T. -0.023 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

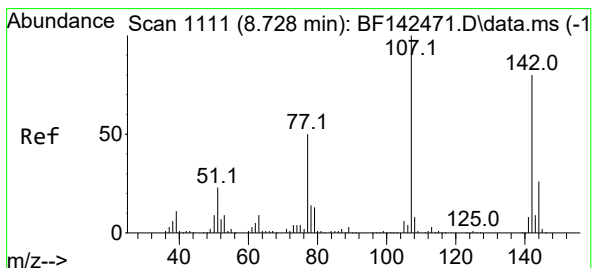
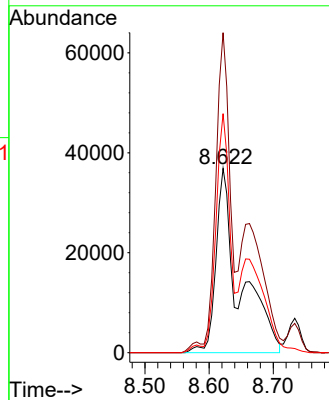
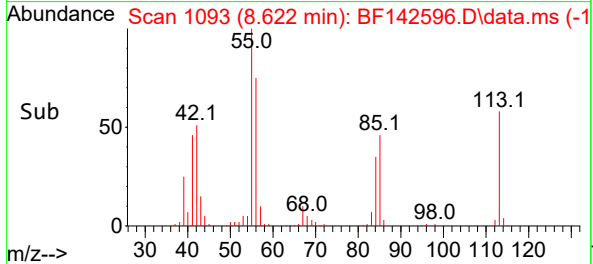
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion:113 Resp: 9425
Ion Ratio Lower Upper
113 100
55 173.7 154.7 194.7
56 129.8 113.2 153.2

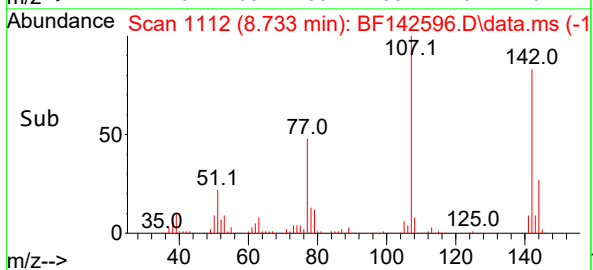
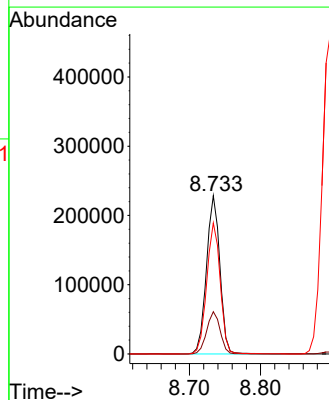
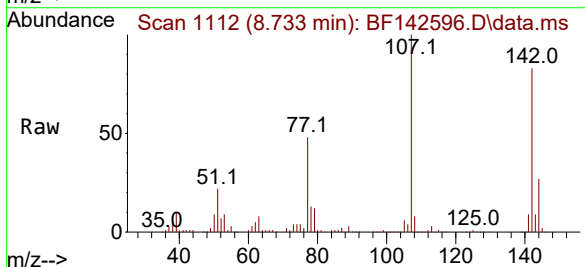
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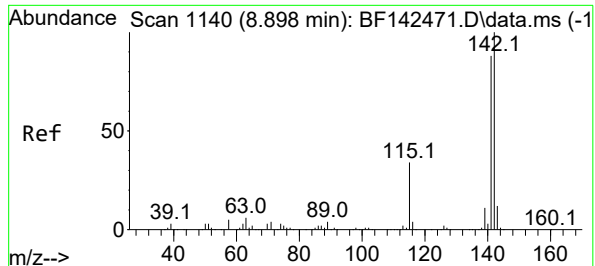
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#36
4-Chloro-3-methylphenol
Concen: 43.238 ng
RT: 8.733 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

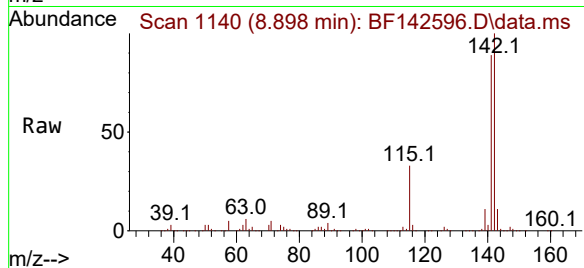
Tgt Ion:107 Resp: 301488
Ion Ratio Lower Upper
107 100
144 26.7 20.9 31.3
142 82.8 64.2 96.2





#37
2-Methylnaphthalene
Concen: 40.592 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

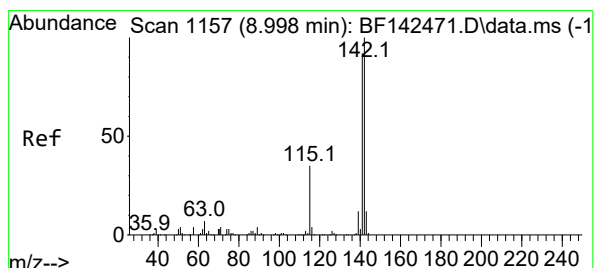
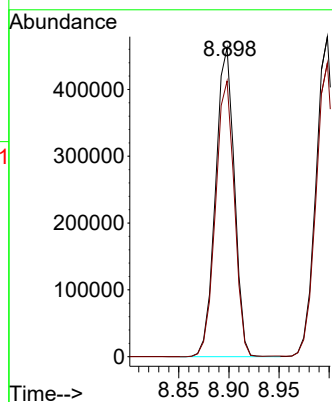
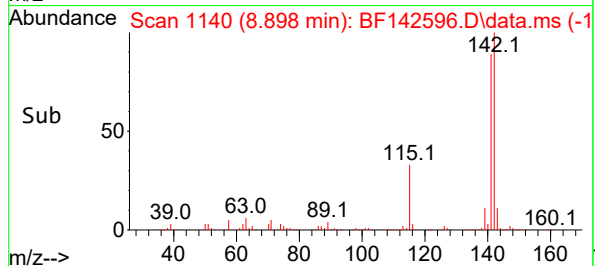
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion:142 Resp: 603600
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1

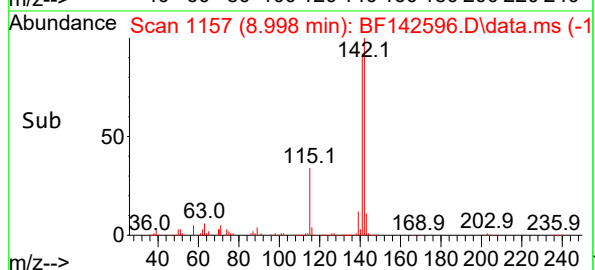
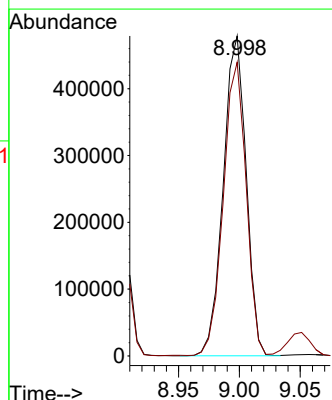
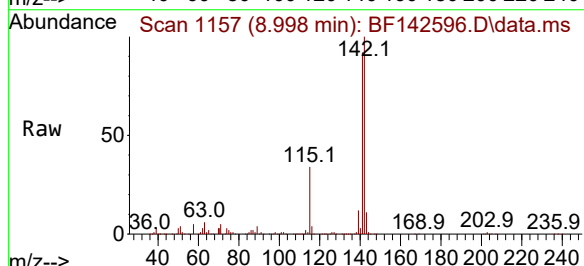
Manual Integrations
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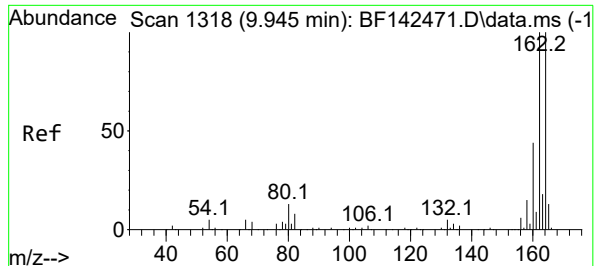
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#38
1-Methylnaphthalene
Concen: 40.672 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:142 Resp: 625578
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142596.D

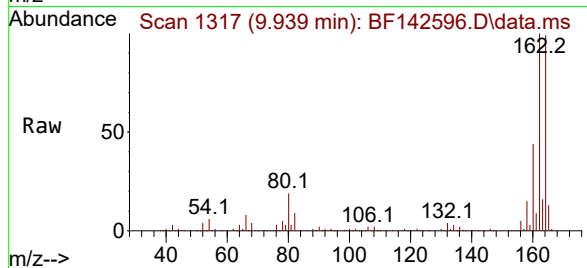
Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD



Tgt Ion:164 Resp: 26733

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.4

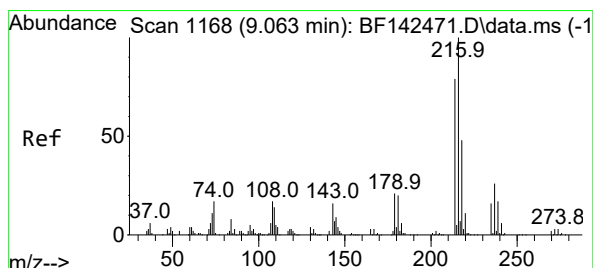
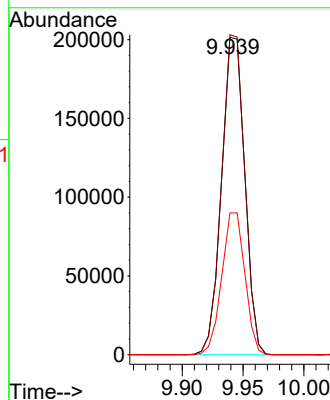
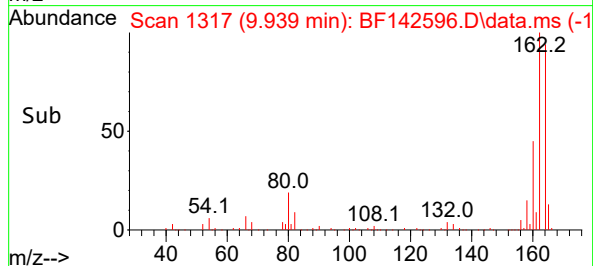
160 44.7 35.6 53.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.051 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Tgt Ion:216 Resp: 307355

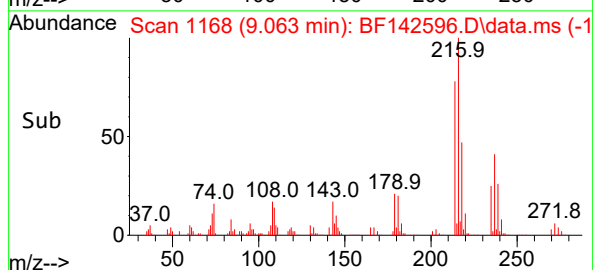
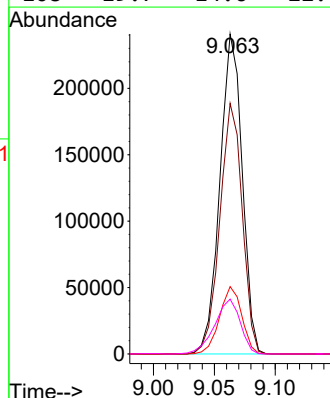
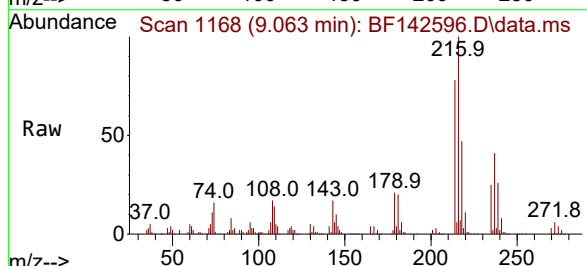
Ion Ratio Lower Upper

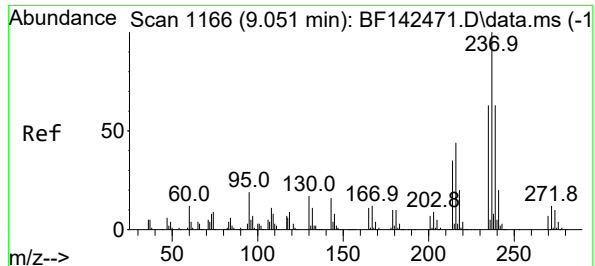
216 100

214 78.5 62.9 94.3

179 21.0 16.9 25.3

108 19.7 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 77.762 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:237 Resp: 402562

Ion Ratio Lower Upper

237 100

235 63.0 43.3 83.3

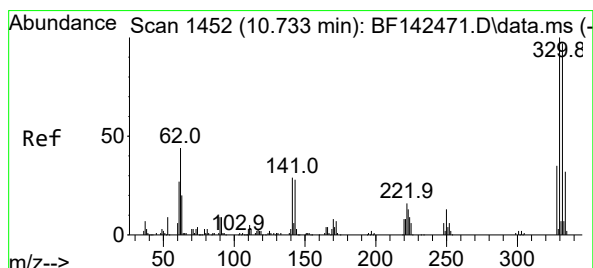
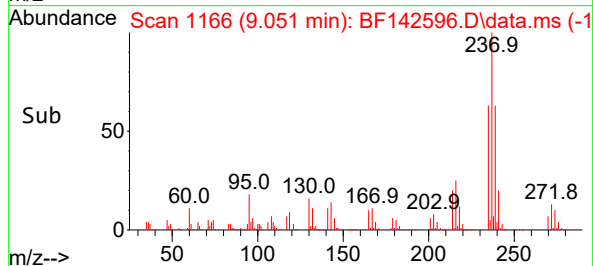
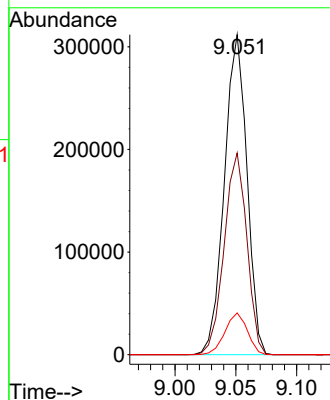
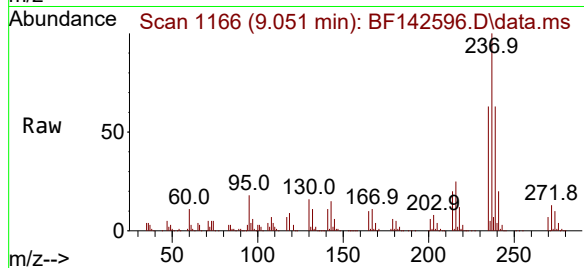
272 13.0 0.0 32.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#42

2,4,6-Tribromophenol

Concen: 122.265 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

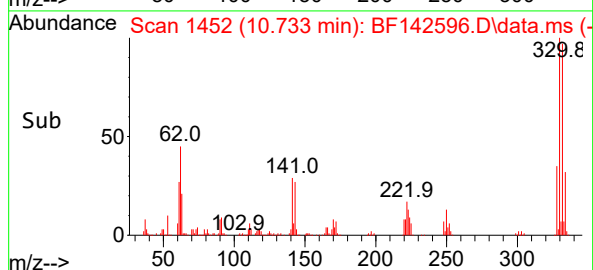
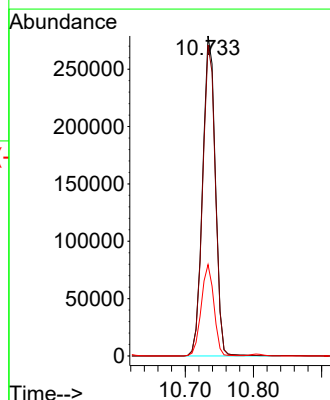
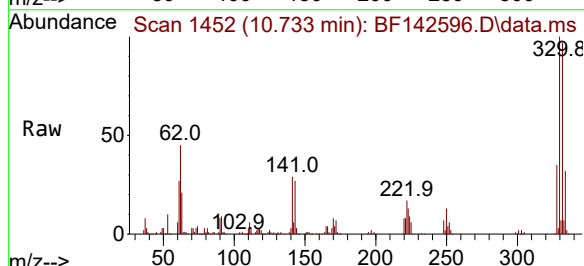
Tgt Ion:330 Resp: 362774

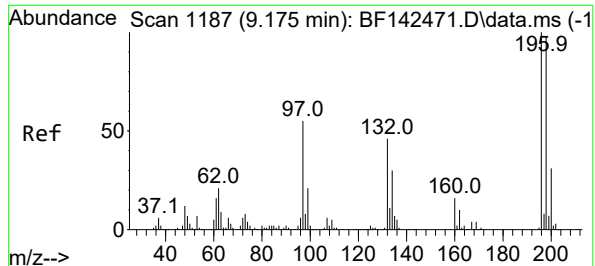
Ion Ratio Lower Upper

330 100

332 97.2 77.6 116.4

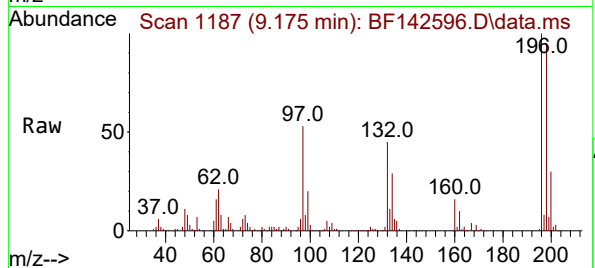
141 28.4 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 41.851 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

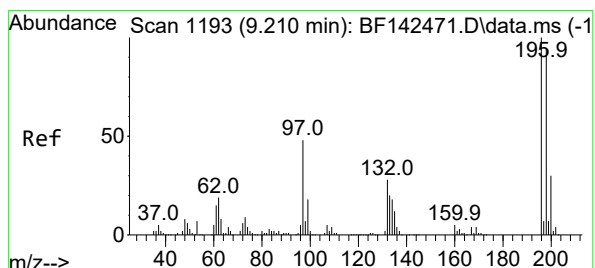
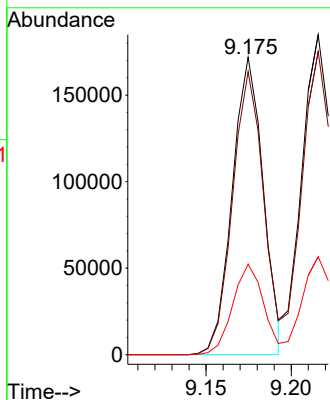
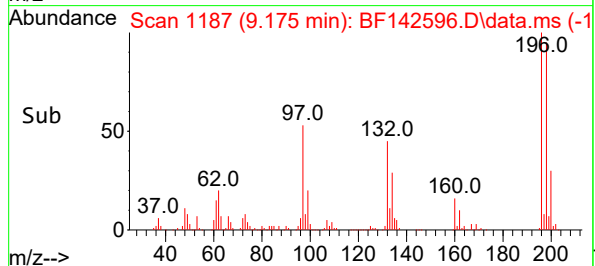
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion:196 Resp: 21657
Ion Ratio Lower Upper
196 100
198 95.1 78.8 118.2
200 30.4 24.9 37.3

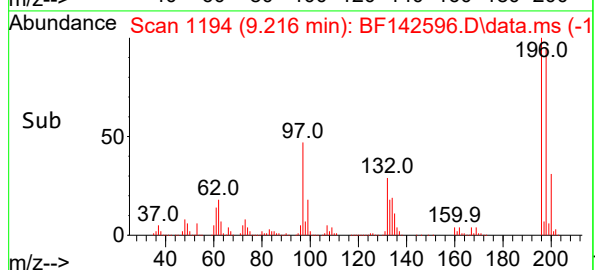
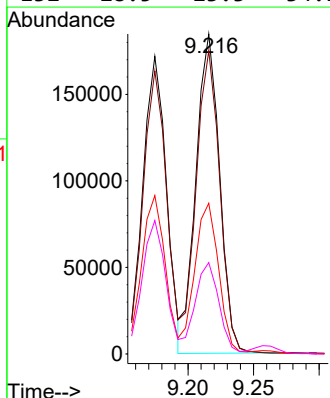
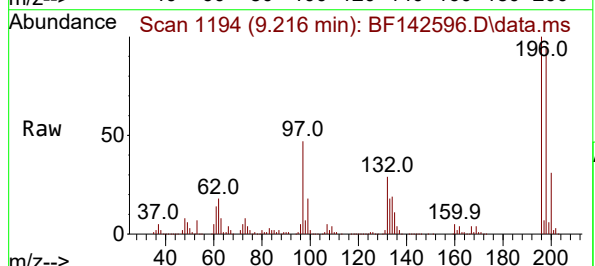
Manual Integrations
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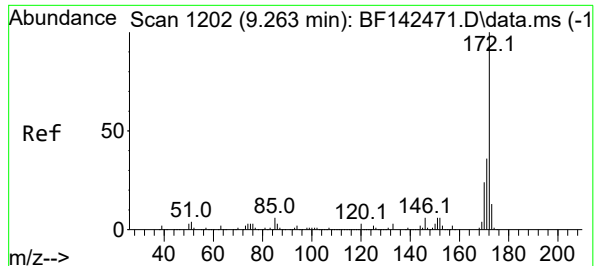
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#44
2,4,5-Trichlorophenol
Concen: 42.495 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:196 Resp: 231921
Ion Ratio Lower Upper
196 100
198 94.7 75.5 113.3
97 47.1 39.3 58.9
132 28.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 69.638 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:172 Resp: 1387378

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

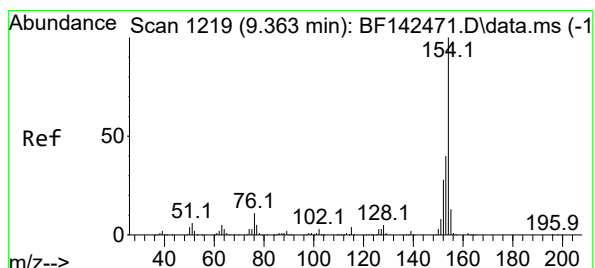
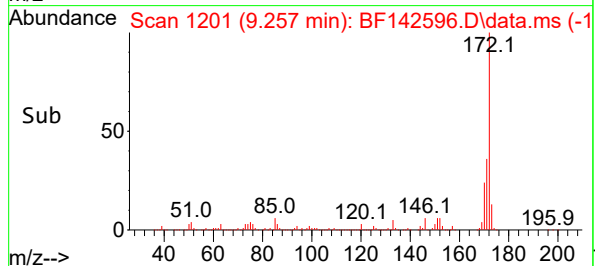
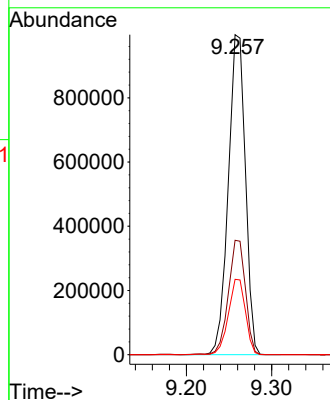
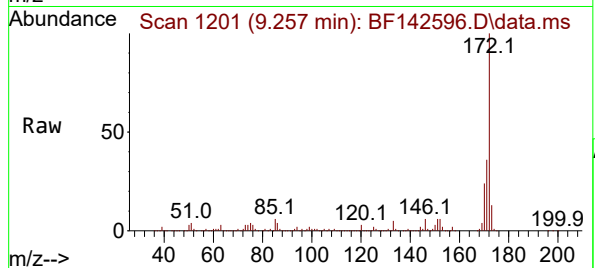
170 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#46

1,1'-Biphenyl

Concen: 40.542 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

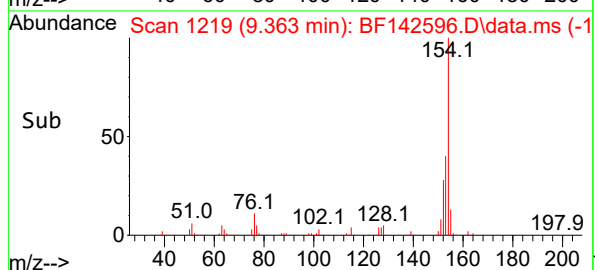
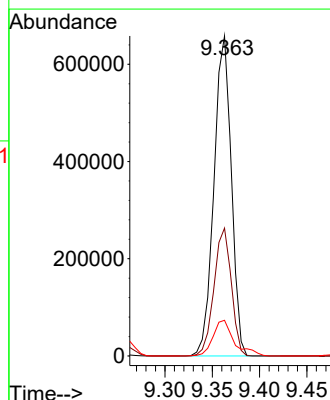
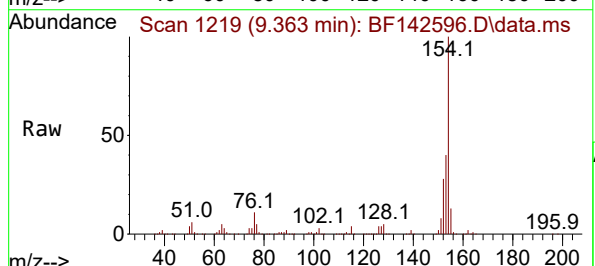
Tgt Ion:154 Resp: 840854

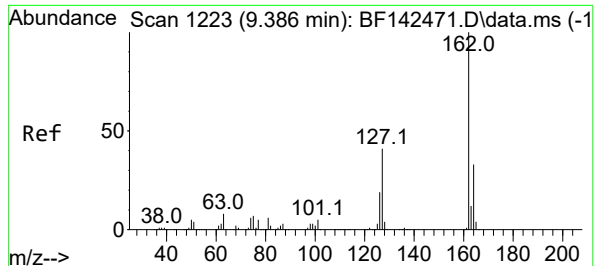
Ion Ratio Lower Upper

154 100

153 40.0 20.4 60.4

76 11.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 40.702 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:162 Resp: 62370

Ion Ratio Lower Upper

162 100

127 40.7 33.5 50.3

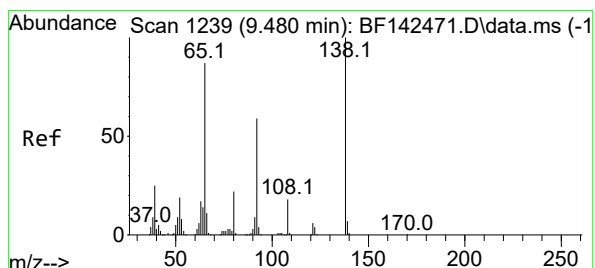
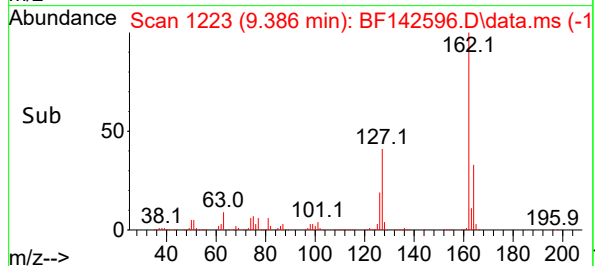
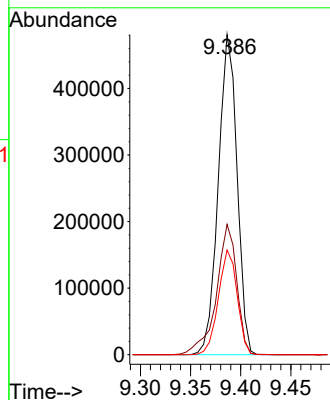
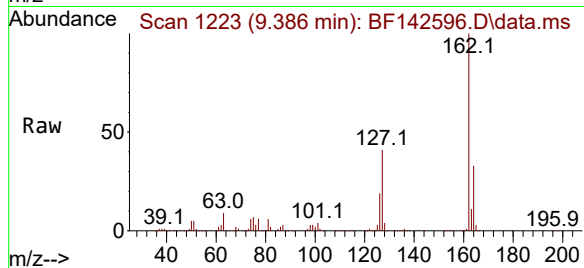
164 32.7 26.1 39.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#48

2-Nitroaniline

Concen: 43.375 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

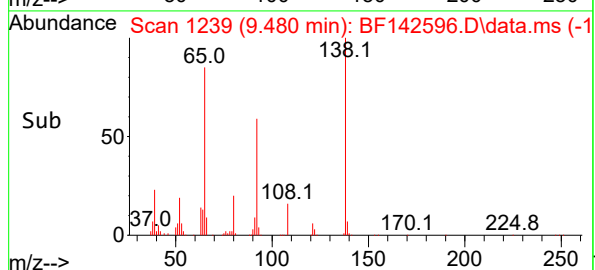
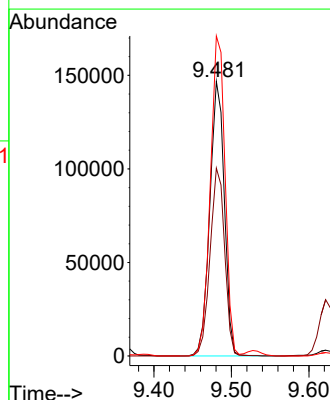
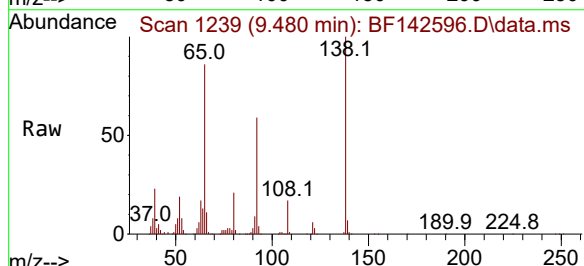
Tgt Ion: 65 Resp: 192120

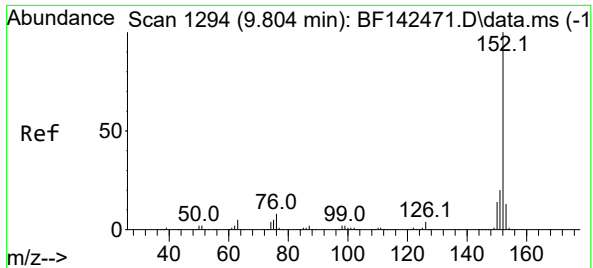
Ion Ratio Lower Upper

65 100

92 68.4 54.4 81.6

138 116.6 91.4 137.2





#49

Acenaphthylene

Concen: 41.115 ng

RT: 9.804 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF142596.D

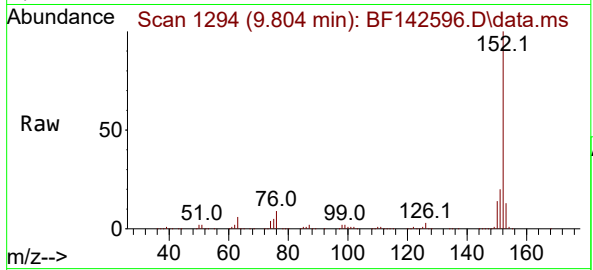
Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD



Tgt Ion:152 Resp: 1063870

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

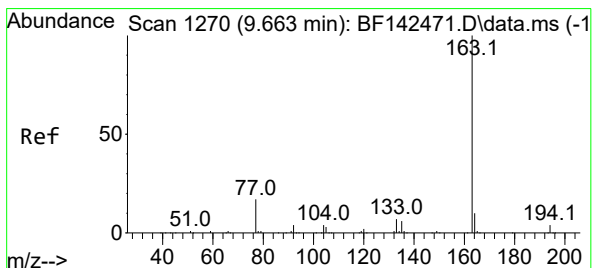
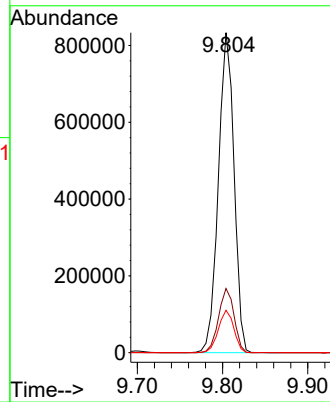
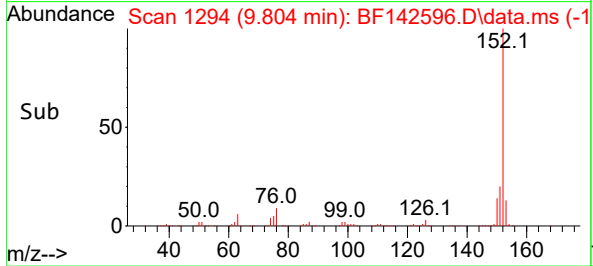
153 13.2 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#50

Dimethylphthalate

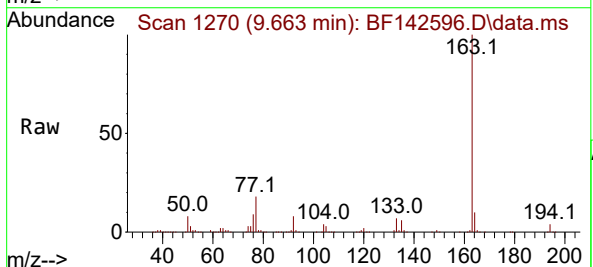
Concen: 43.020 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23



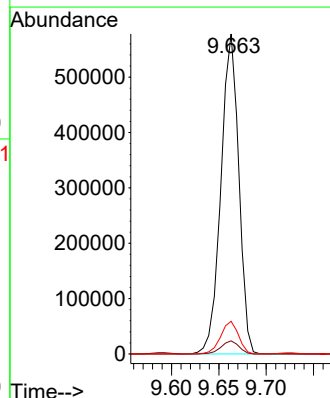
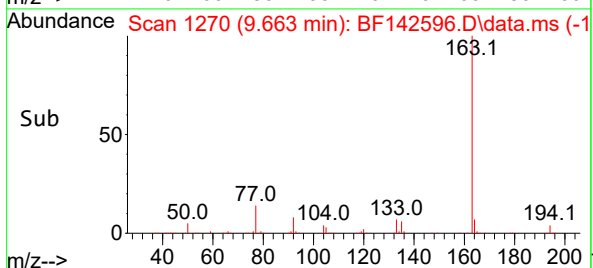
Tgt Ion:163 Resp: 758859

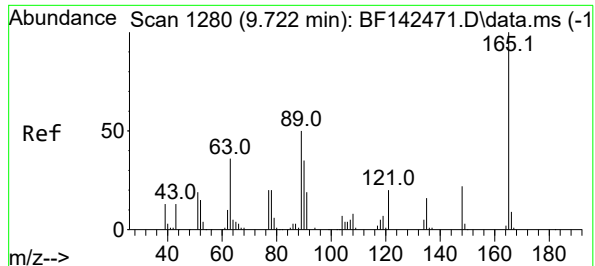
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

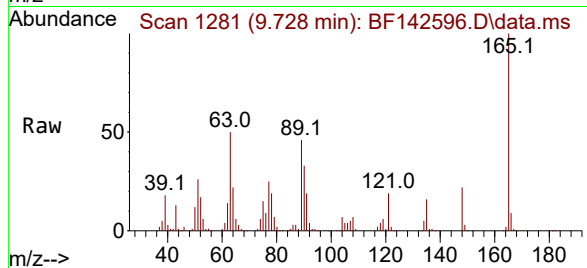
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 44.188 ng
RT: 9.728 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

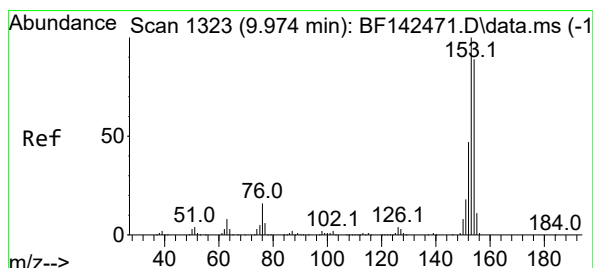
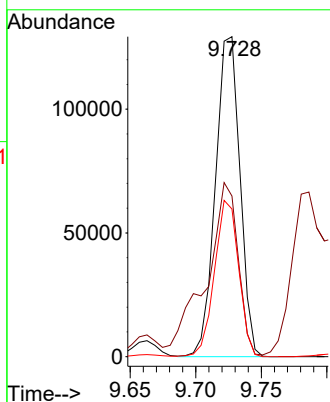
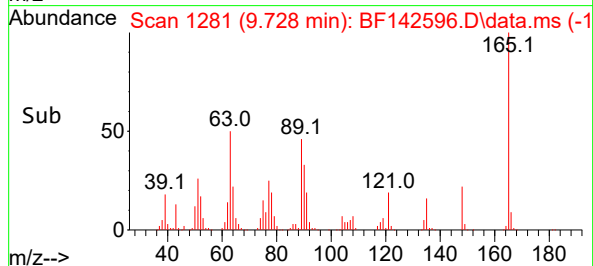
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion:165 Resp: 16823
Ion Ratio Lower Upper
165 100
63 50.2 42.9 64.3
89 46.2 40.2 60.4

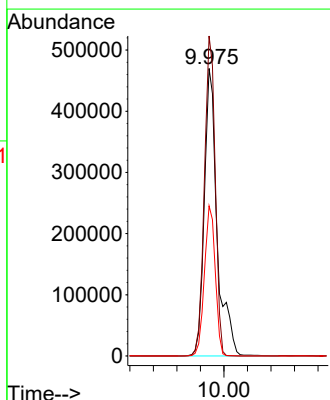
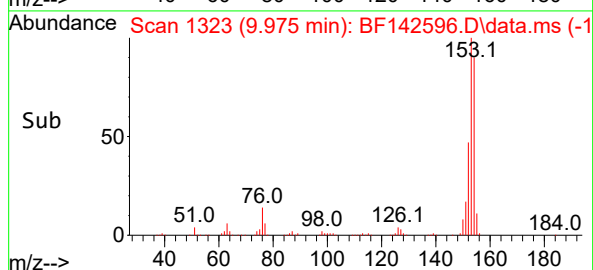
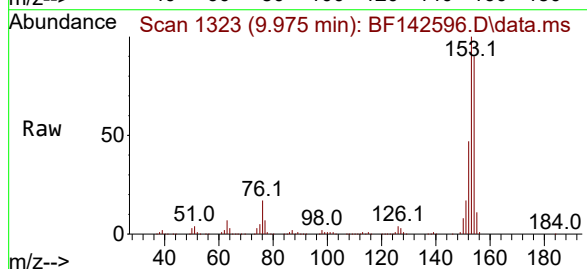
Manual Integrations
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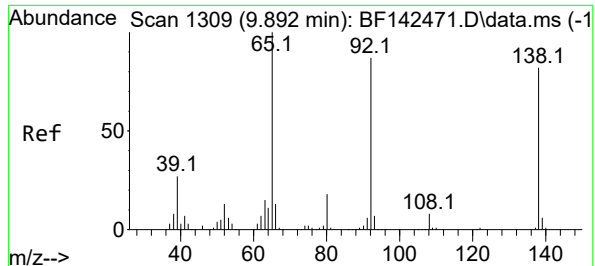
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#52
Acenaphthene
Concen: 45.228 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:154 Resp: 714616
Ion Ratio Lower Upper
154 100
153 111.3 90.0 135.0
152 52.2 42.6 64.0





#53

3-Nitroaniline

Concen: 26.071 ng

RT: 9.892 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:138 Resp: 108414

Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

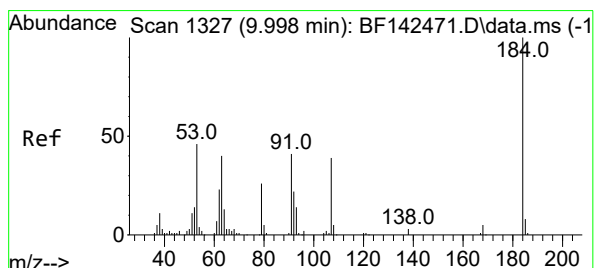
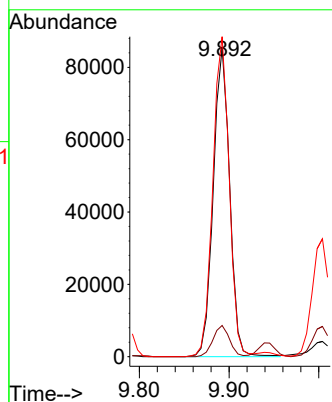
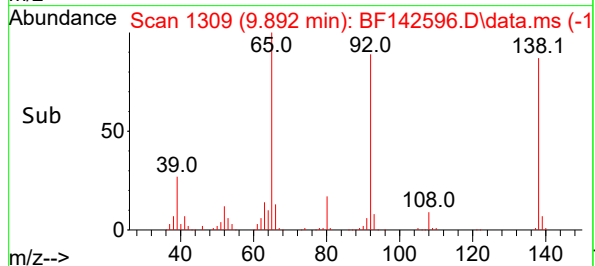
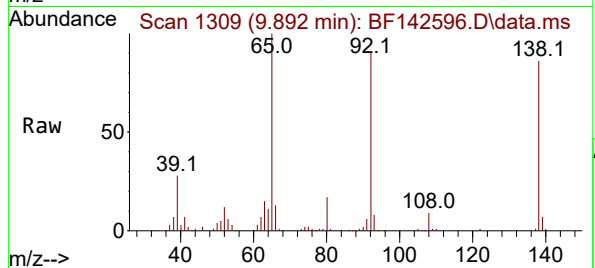
92 103.7 85.2 127.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#54

2,4-Dinitrophenol

Concen: 99.556 ng

RT: 10.004 min Scan# 1328

Delta R.T. -0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

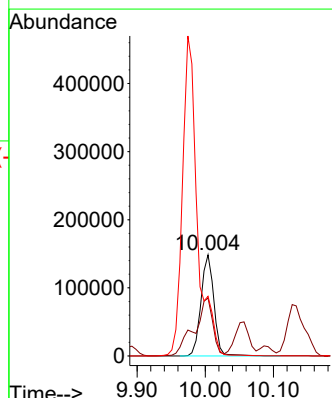
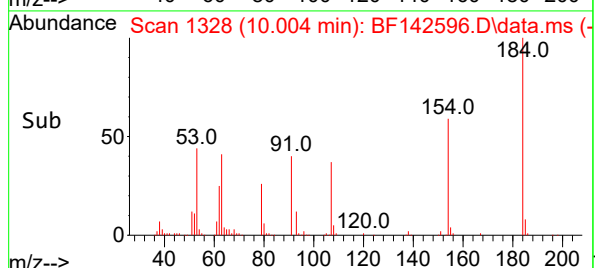
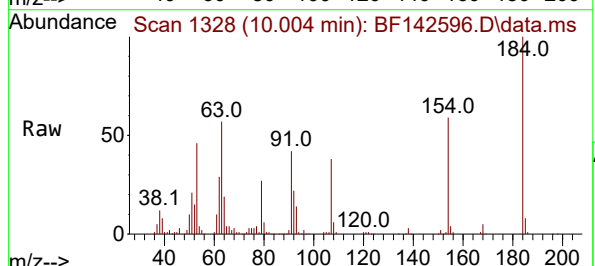
Tgt Ion:184 Resp: 195823

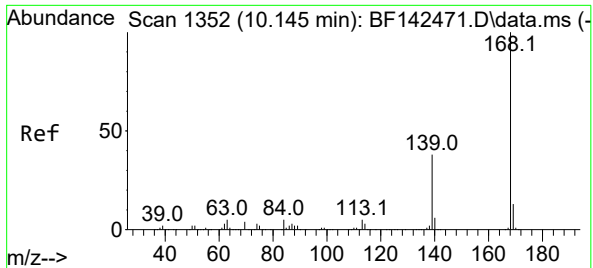
Ion Ratio Lower Upper

184 100

63 57.3 46.3 69.5

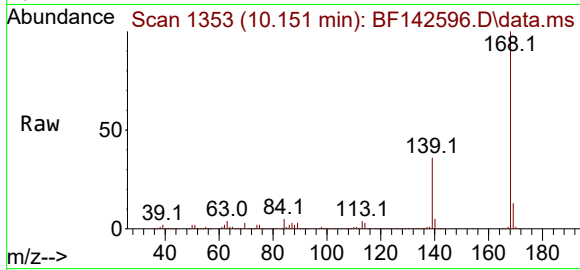
154 59.1 56.8 85.2





#55
Dibenzenofuran
Concen: 41.165 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

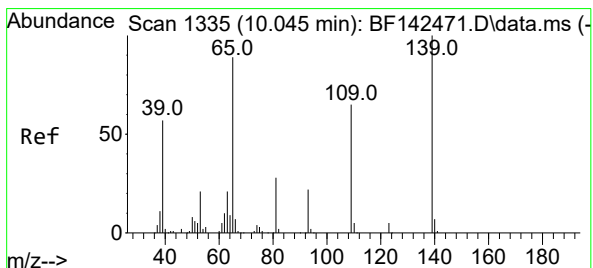
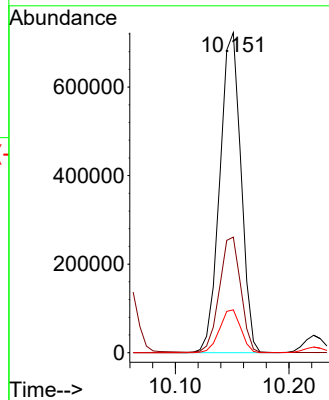
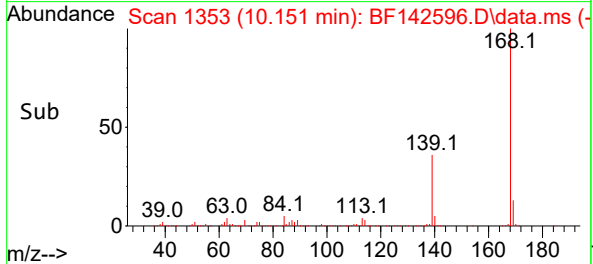
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion:168 Resp: 93596
Ion Ratio Lower Upper
168 100
139 36.1 30.2 45.2
169 13.4 10.7 16.1

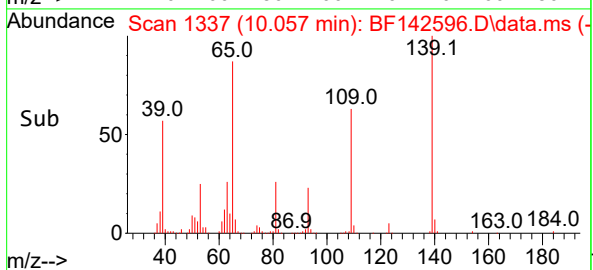
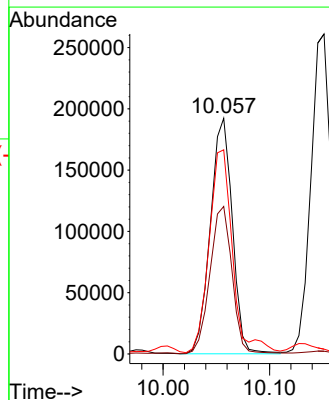
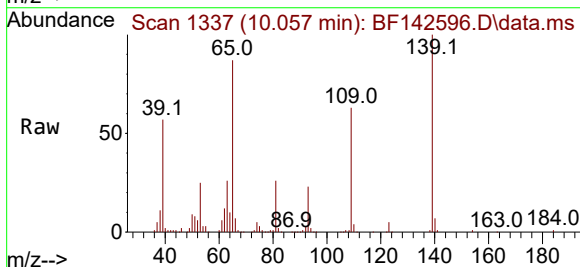
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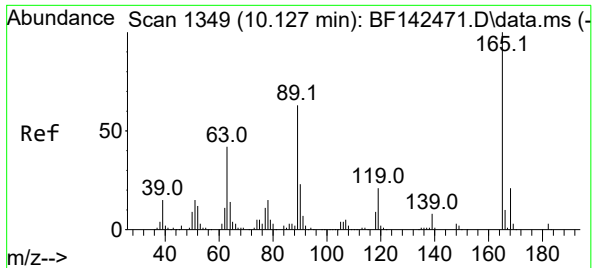
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#56
4-Nitrophenol
Concen: 89.699 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

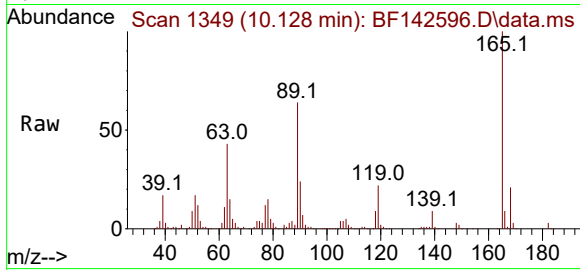
Tgt Ion:139 Resp: 275219
Ion Ratio Lower Upper
139 100
109 62.6 45.1 85.1
65 86.6 69.7 109.7





#57
2,4-Dinitrotoluene
Concen: 46.161 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

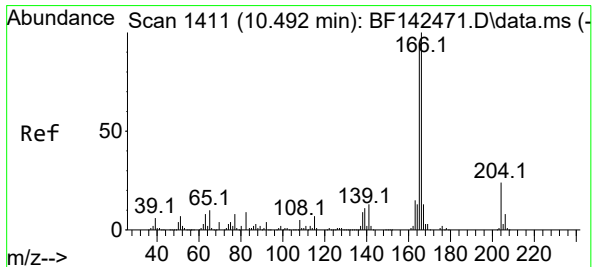
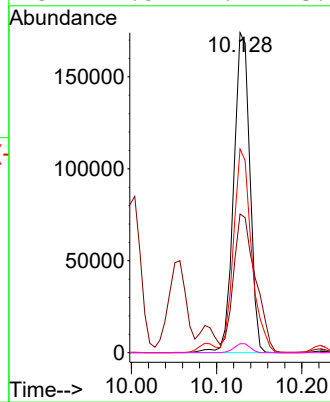
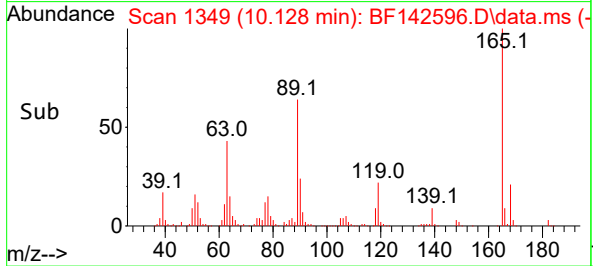
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion:165 Resp: 229510
Ion Ratio Lower Upper
165 100
63 43.4 33.6 50.4
89 63.6 50.2 75.4
182 2.8 2.2 3.4

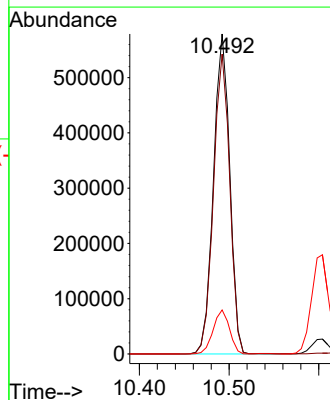
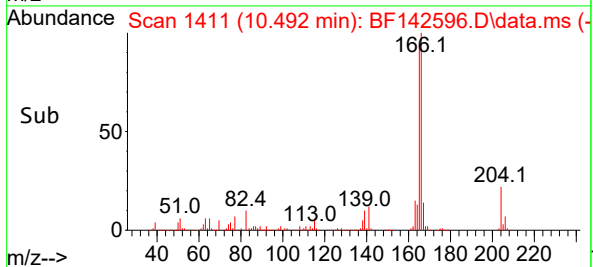
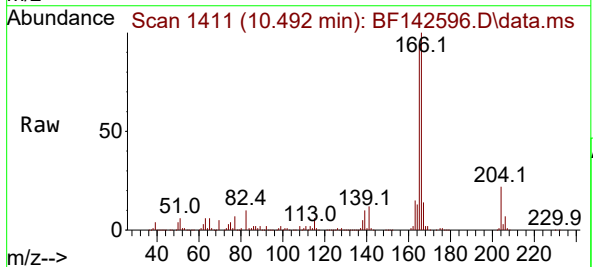
Manual Integrations
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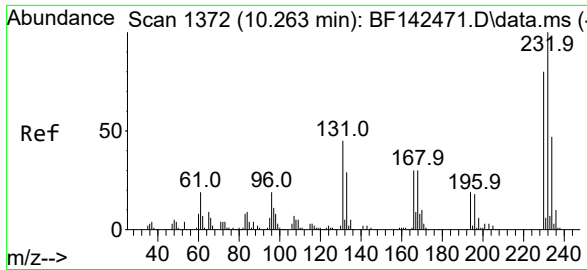
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#58
Fluorene
Concen: 41.474 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

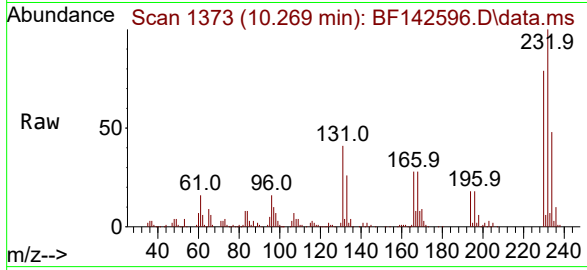
Tgt Ion:166 Resp: 728508
Ion Ratio Lower Upper
166 100
165 93.7 75.8 113.8
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.271 ng
RT: 10.269 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

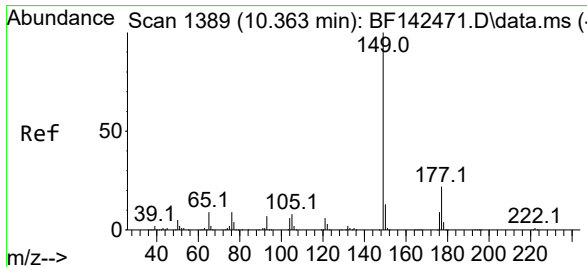
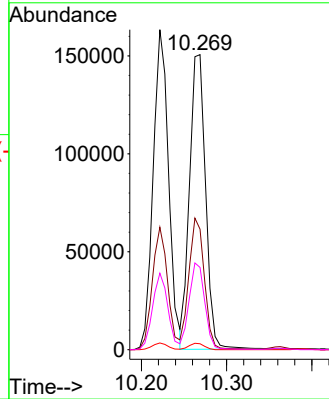
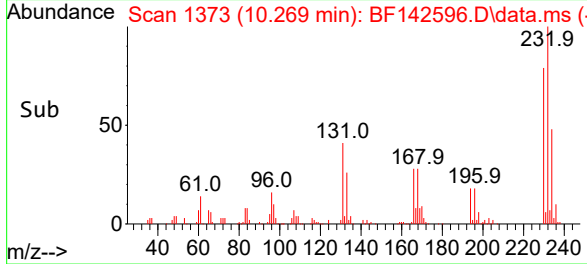
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion:232 Resp: 197140
Ion Ratio Lower Upper
232 100
131 43.3 35.2 52.8
130 2.0 1.7 2.5
166 28.5 23.4 35.0

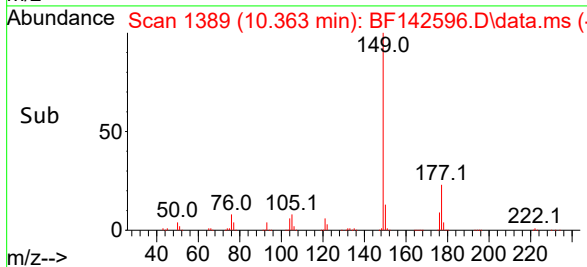
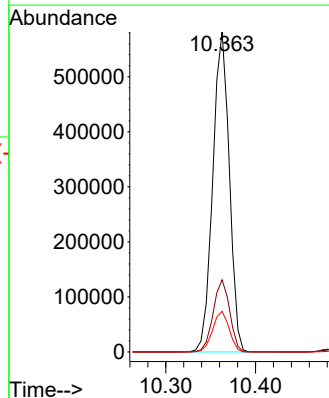
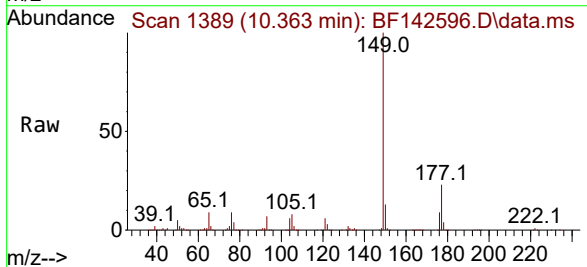
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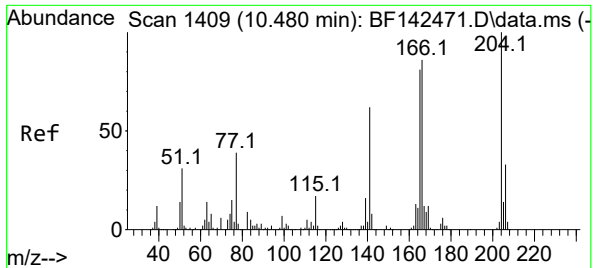
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#60
Diethylphthalate
Concen: 43.109 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

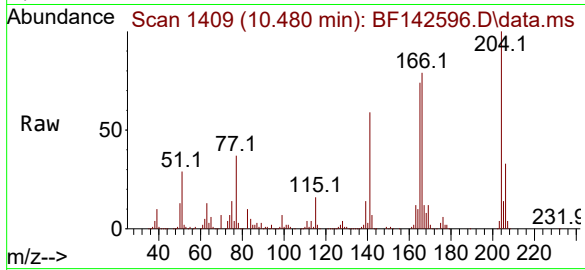
Tgt Ion:149 Resp: 742673
Ion Ratio Lower Upper
149 100
177 22.6 17.6 26.4
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.501 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

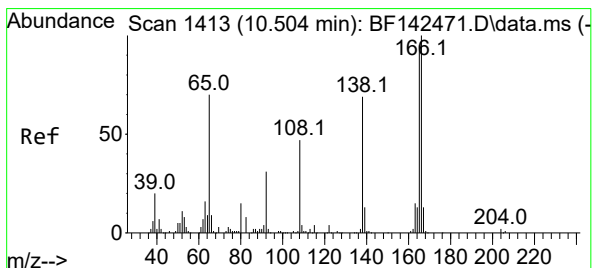
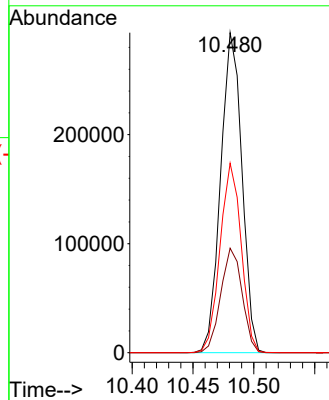
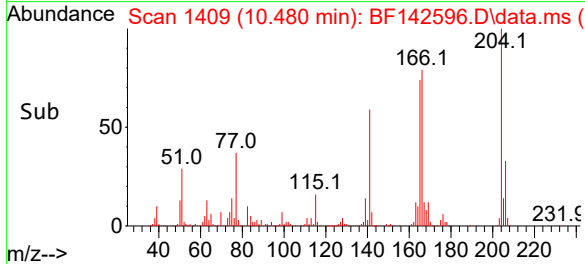
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



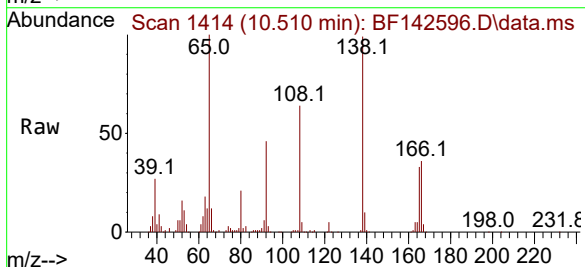
Tgt Ion:204 Resp: 35810
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 59.2 49.5 74.3

Manual Integrations
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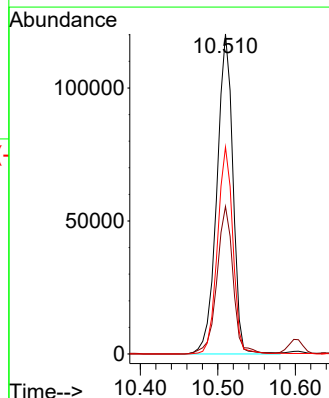
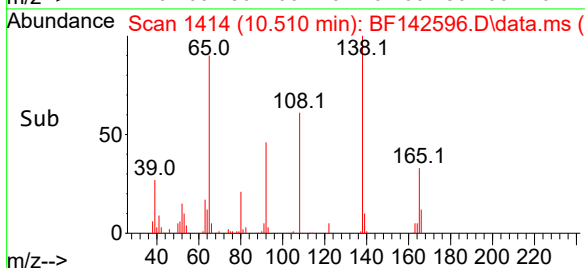
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

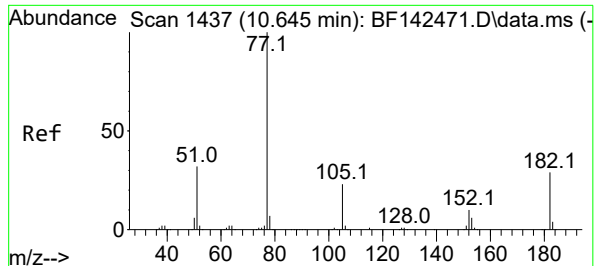


#62
4-Nitroaniline
Concen: 45.880 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



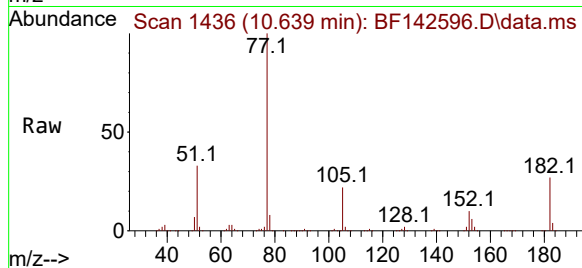
Tgt Ion:138 Resp: 173033
Ion Ratio Lower Upper
138 100
92 46.1 26.0 66.0
108 64.7 48.4 88.4





#63
Azobenzene
Concen: 42.312 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

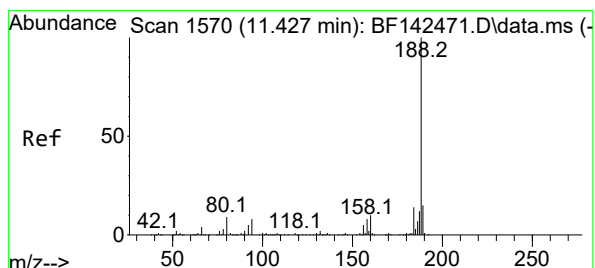
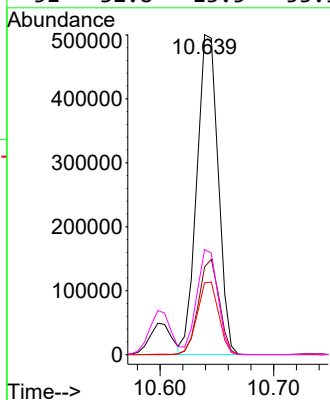
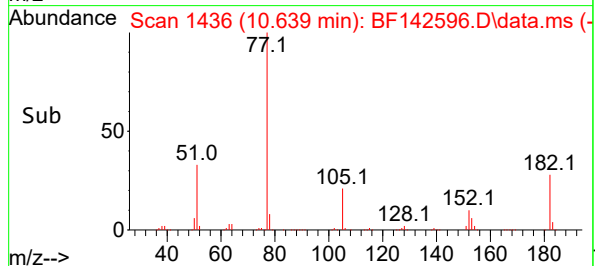
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



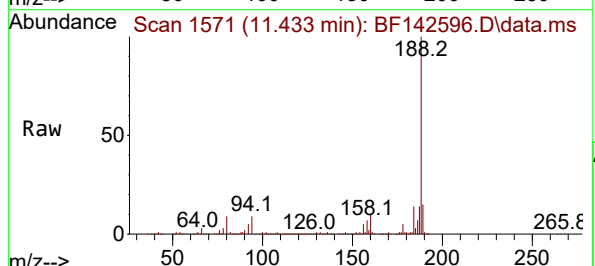
Tgt Ion: 77 Resp: 65472
Ion Ratio Lower Upper
77 100
182 27.5 9.0 49.0
105 22.5 2.4 42.4
51 32.8 13.5 53.5

Manual Integrations
APPROVED

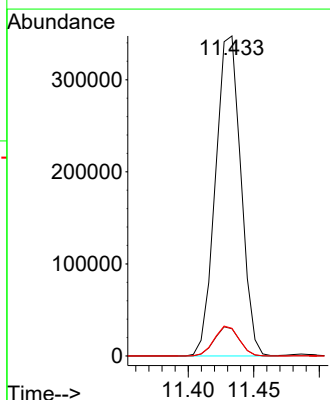
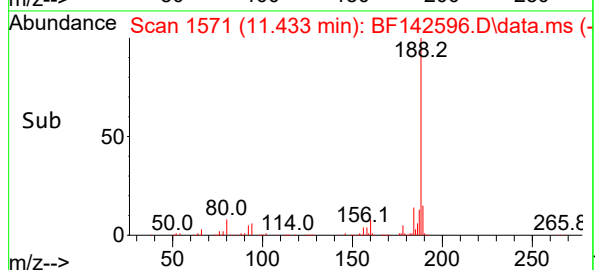
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

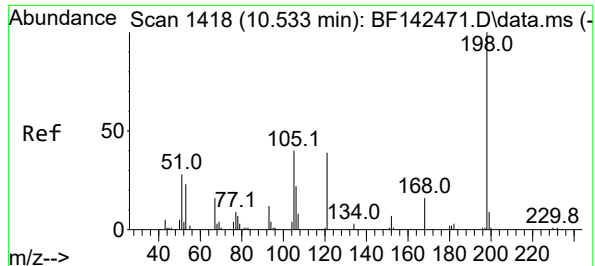


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



Tgt Ion:188 Resp: 467735
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 8.6 7.4 11.0





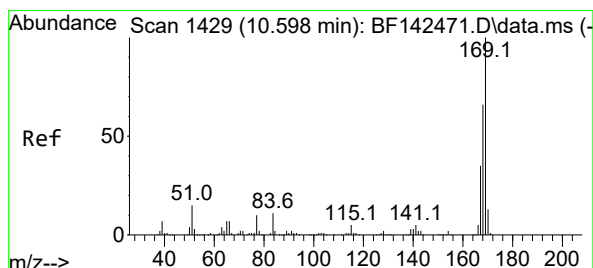
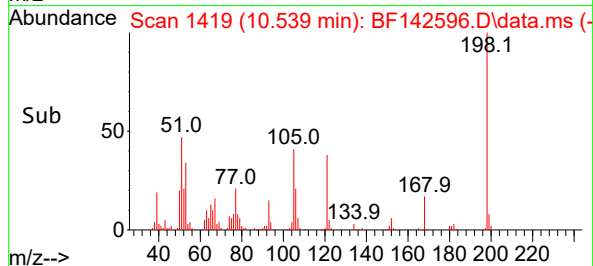
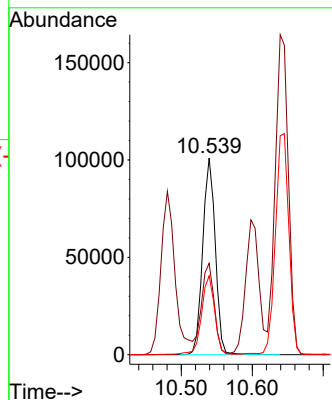
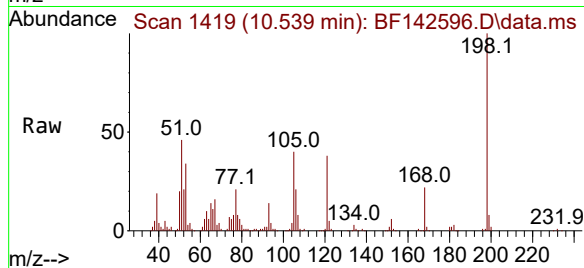
#65
4,6-Dinitro-2-methylphenol
Concen: 47.754 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Instrument :
BNA_F
ClientSampleId :
PB168235BSD

Tgt Ion:198 Resp: 124652
Ion Ratio Lower Upper
198 100
51 46.4 28.3 68.3
105 40.1 21.3 61.3

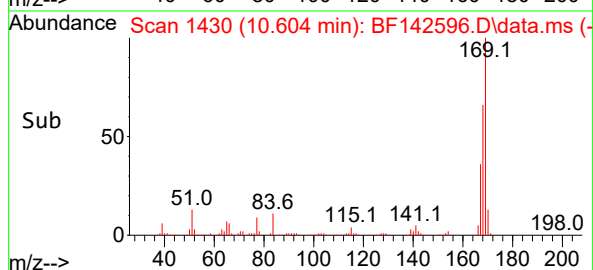
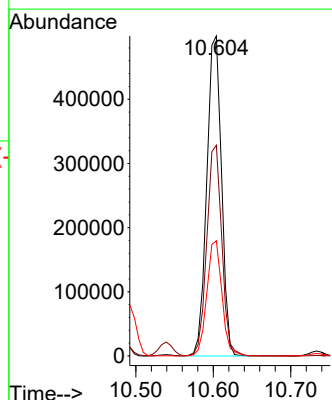
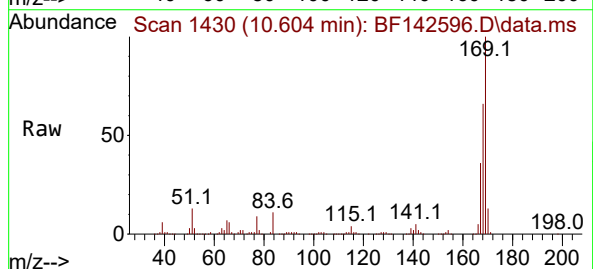
Manual Integrations
APPROVED

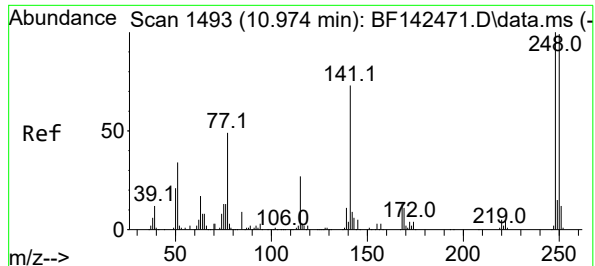
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#66
n-Nitrosodiphenylamine
Concen: 41.076 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

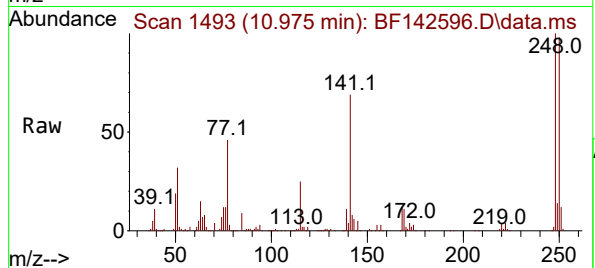
Tgt Ion:169 Resp: 657300
Ion Ratio Lower Upper
169 100
168 65.8 52.7 79.1
167 36.0 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 40.986 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

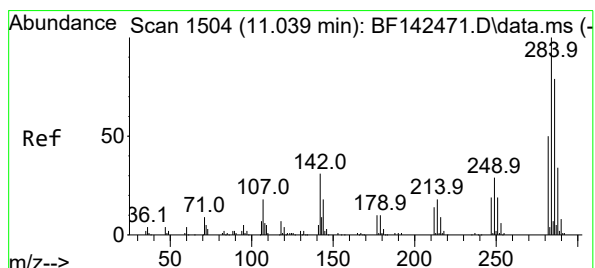
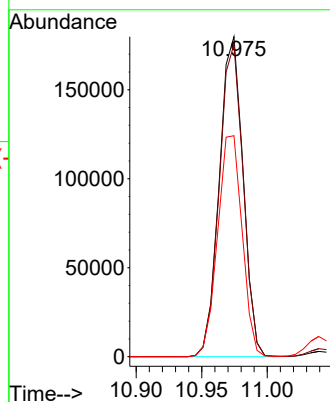
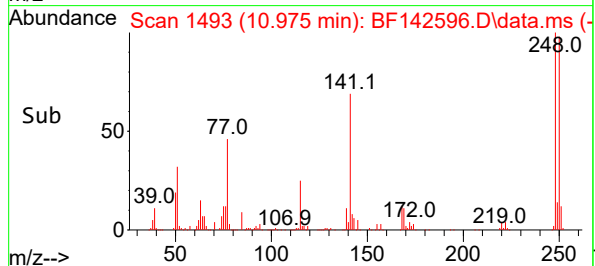
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



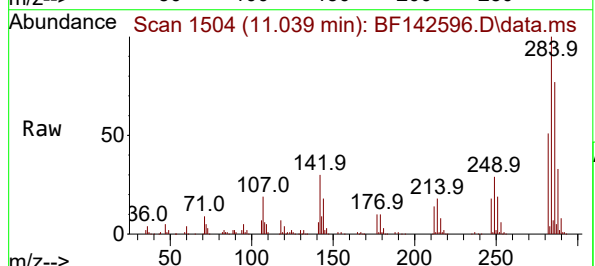
Tgt Ion:248 Resp: 22667
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.4
141 69.0 58.4 87.6

Manual Integrations
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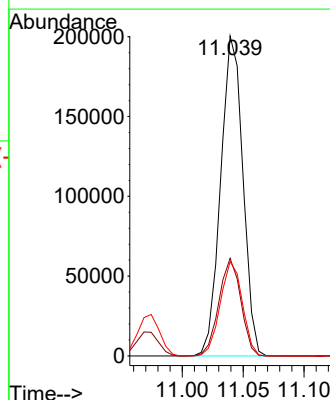
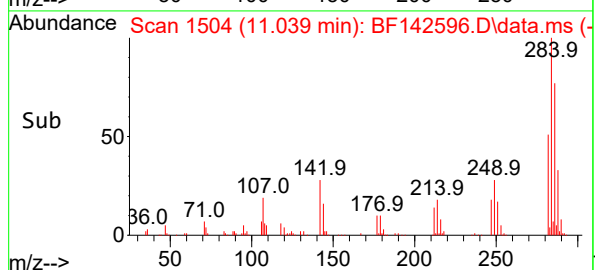
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

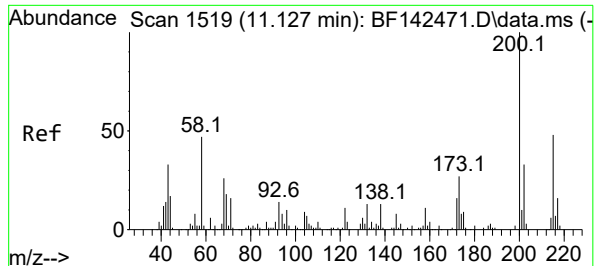


#68
Hexachlorobenzene
Concen: 41.579 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



Tgt Ion:284 Resp: 254337
Ion Ratio Lower Upper
284 100
142 30.5 24.8 37.2
249 29.5 23.6 35.4





#69

Atrazine

Concen: 46.434 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:200 Resp: 19733

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

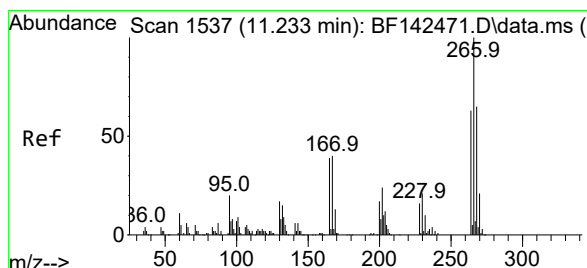
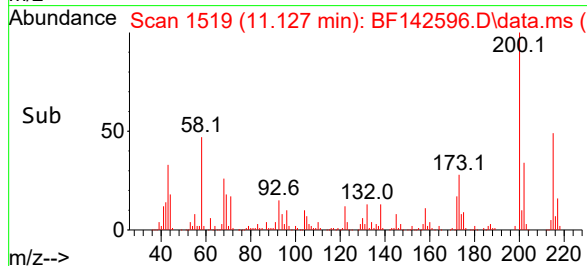
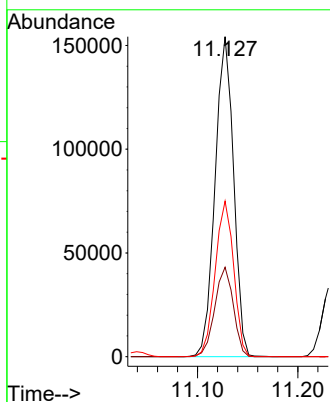
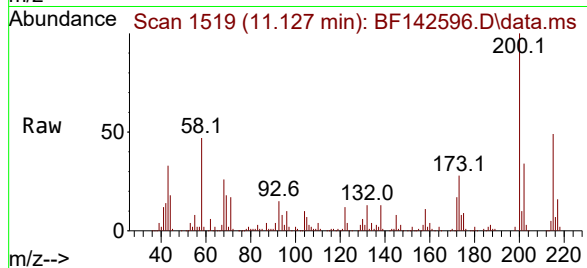
215 48.6 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#70

Pentachlorophenol

Concen: 82.956 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

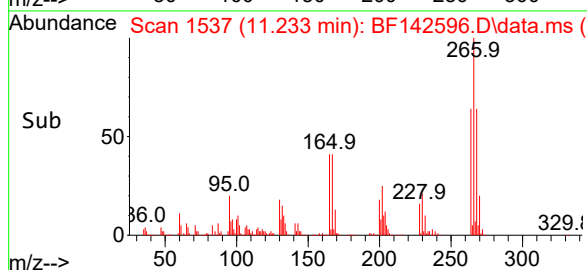
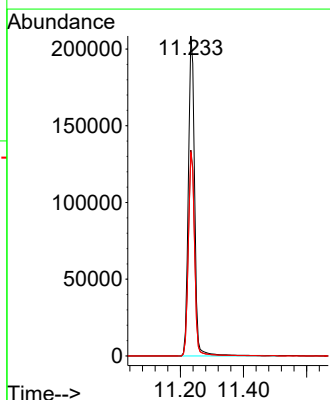
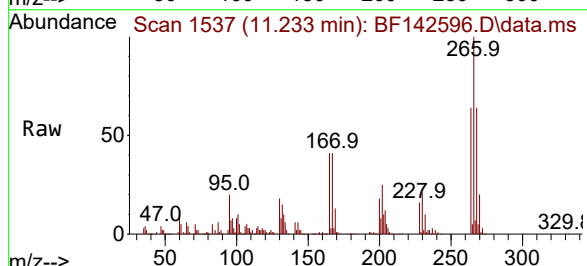
Tgt Ion:266 Resp: 286493

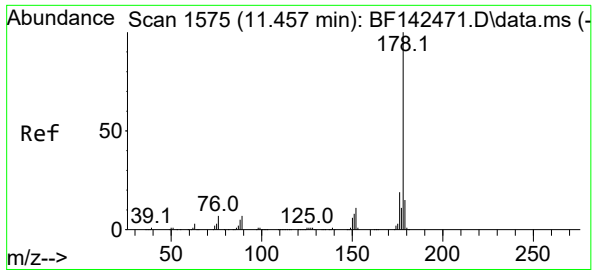
Ion Ratio Lower Upper

266 100

268 64.3 51.7 77.5

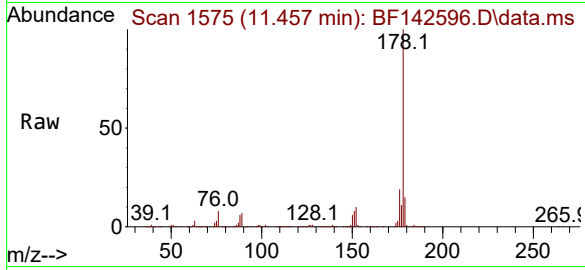
264 63.6 50.4 75.6





#71
Phenanthrene
Concen: 41.221 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

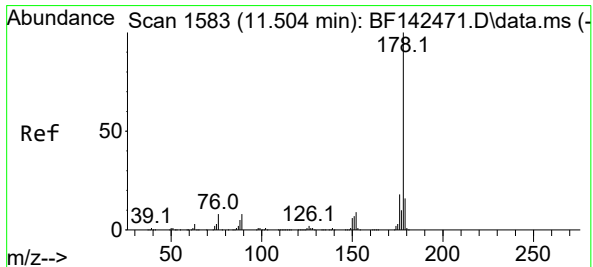
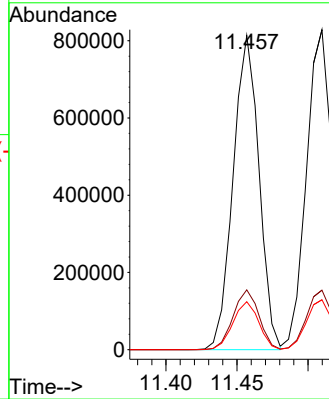
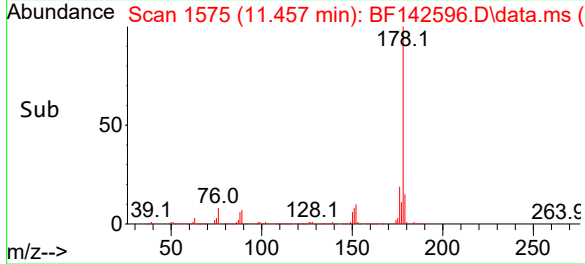
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion:178 Resp: 1030380
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.3 18.5

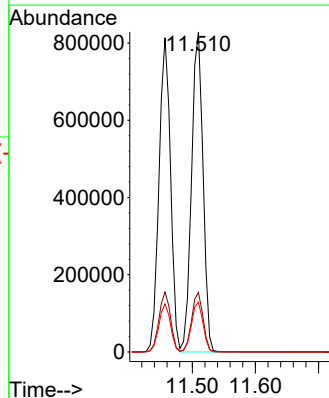
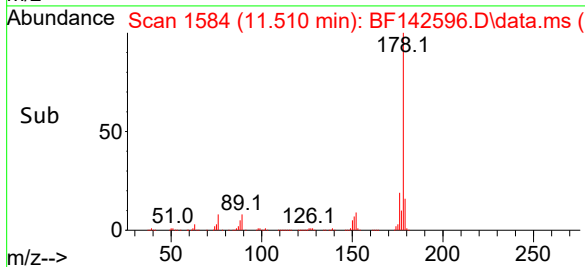
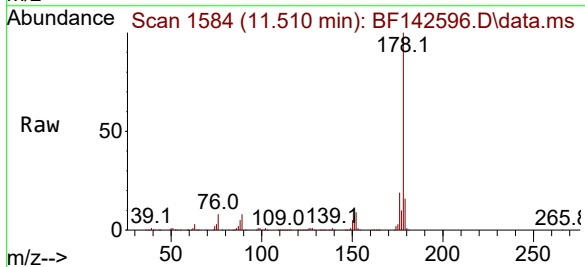
Manual Integrations
APPROVED

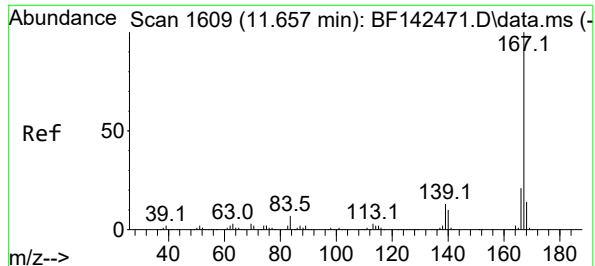
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#72
Anthracene
Concen: 41.067 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

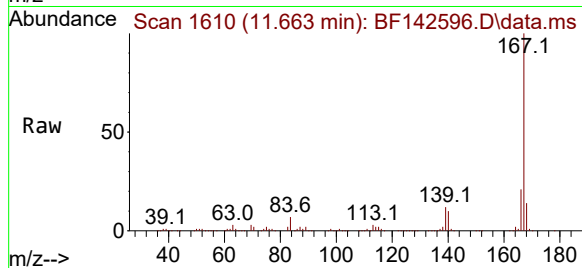
Tgt Ion:178 Resp: 1047674
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 41.974 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF142596.D
 Acq: 02 Jun 2025 14:23

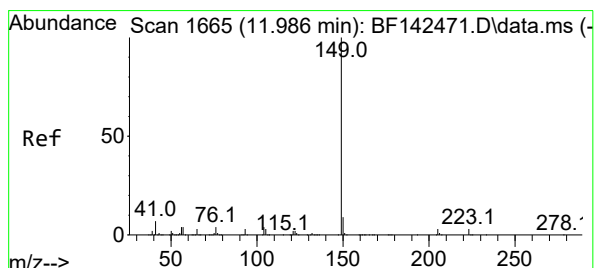
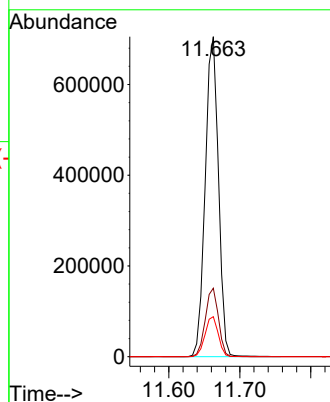
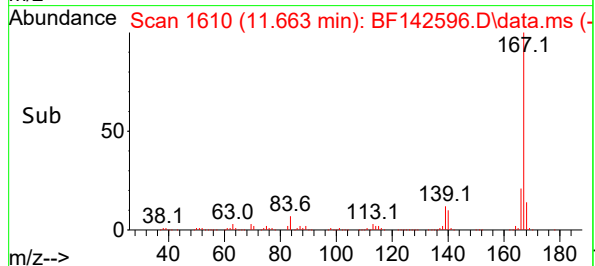
Instrument :
 BNA_F
 ClientSampleId :
 PB168235BSD



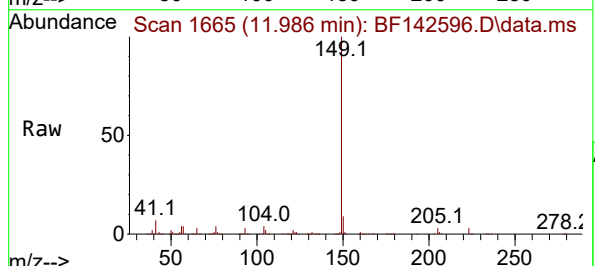
Tgt Ion:167 Resp: 915411
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.9 25.3
 139 12.5 10.2 15.4

Manual Integrations
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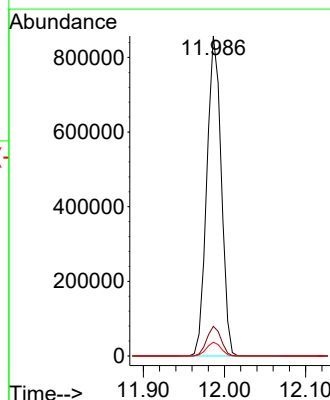
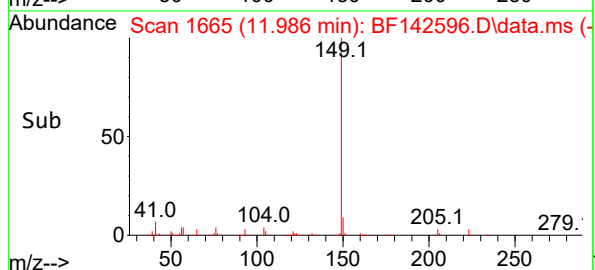
Reviewed By :Rahul Chavli 06/03/2025
 Supervised By :Jagrut Upadhyay 06/03/2025

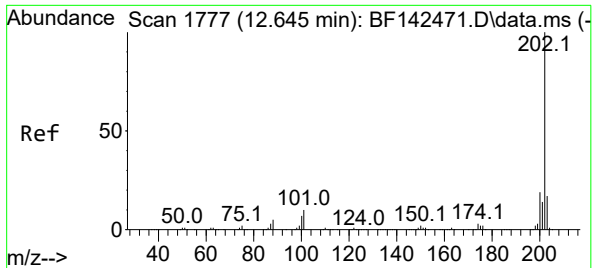


#74
 Di-n-butylphthalate
 Concen: 44.174 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142596.D
 Acq: 02 Jun 2025 14:23



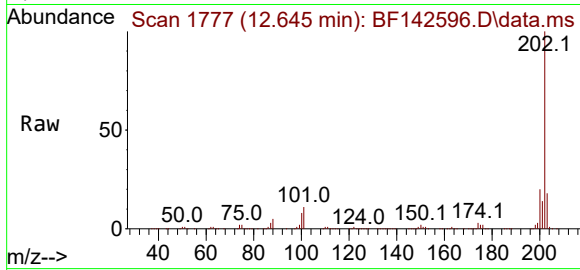
Tgt Ion:149 Resp: 1054540
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 42.530 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

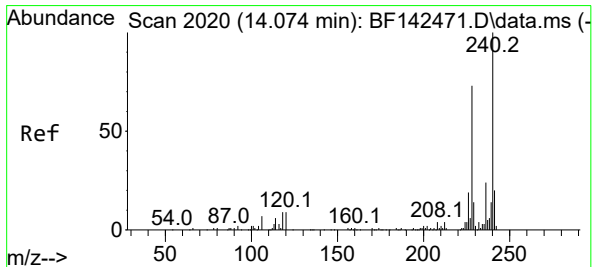
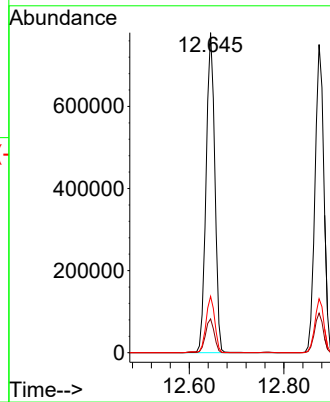
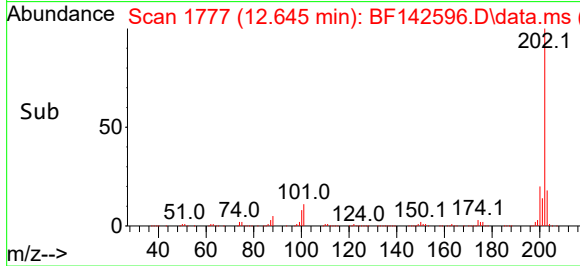
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



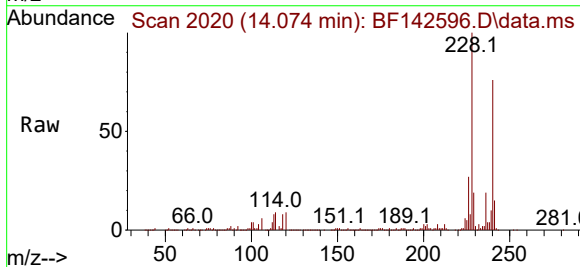
Tgt Ion:202 Resp: 99336
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.6
203 17.6 0.0 37.2

Manual Integrations
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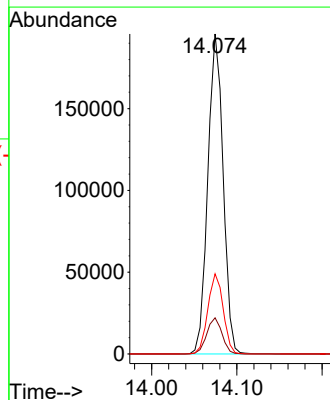
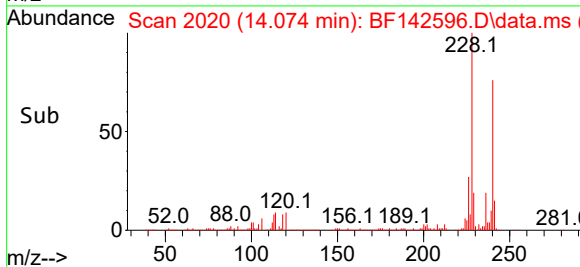
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

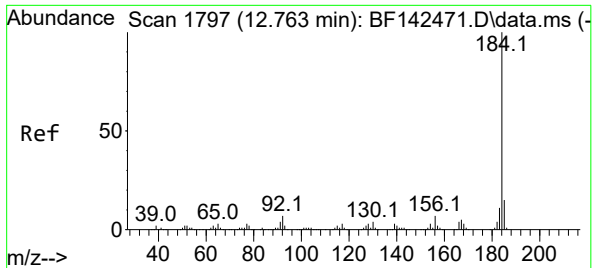


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



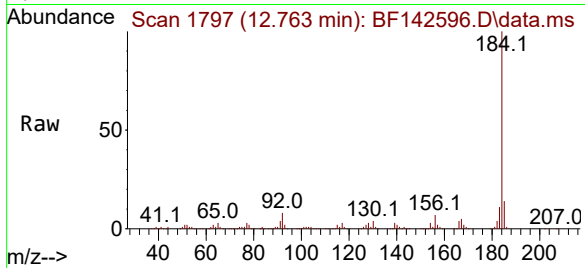
Tgt Ion:240 Resp: 244296
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3#
236 25.1 19.6 29.4





#77
Benzidine
Concen: 37.169 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

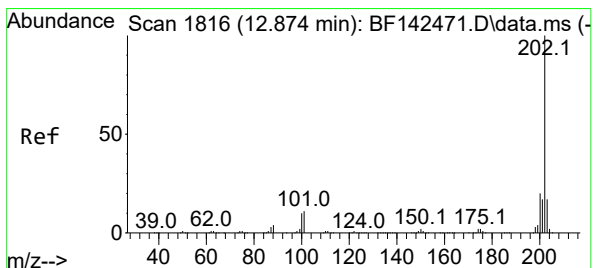
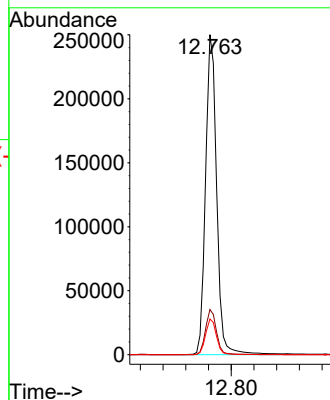
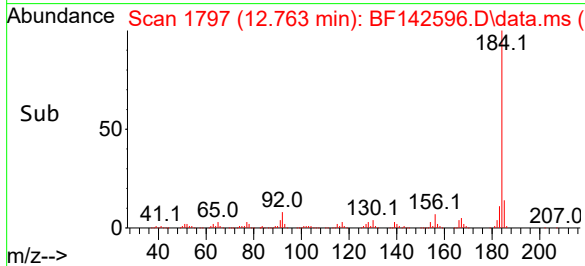
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion:184 Resp: 337902
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.1 9.0 13.4

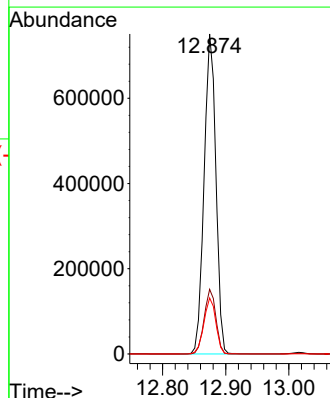
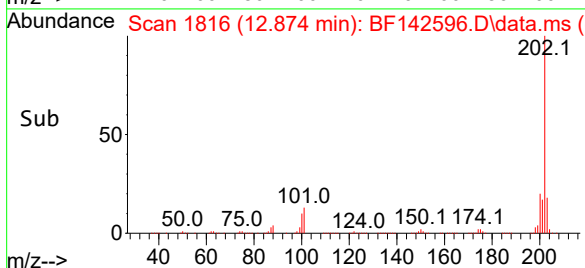
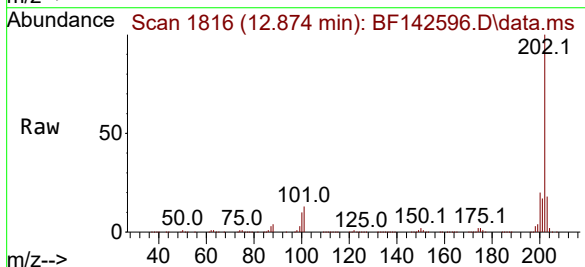
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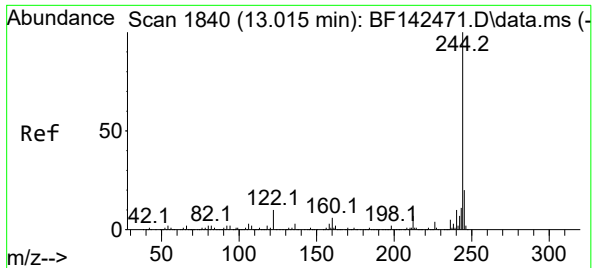
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#78
Pyrene
Concen: 42.780 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:202 Resp: 974927
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 75.685 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:244 Resp: 135302

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

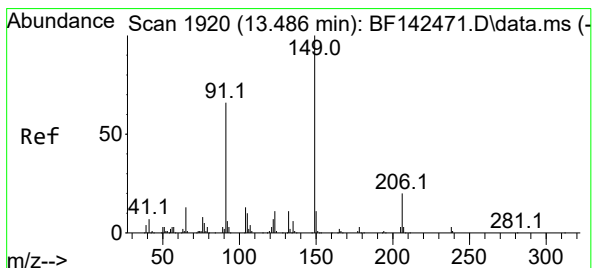
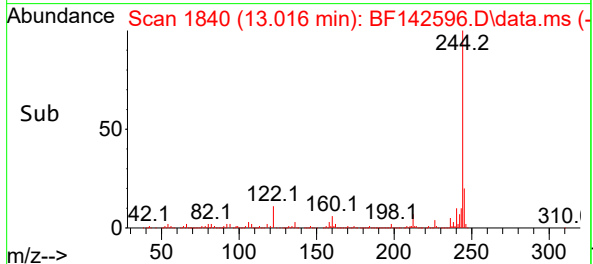
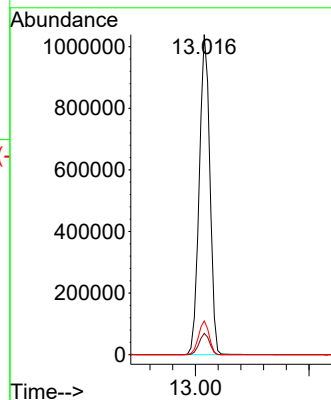
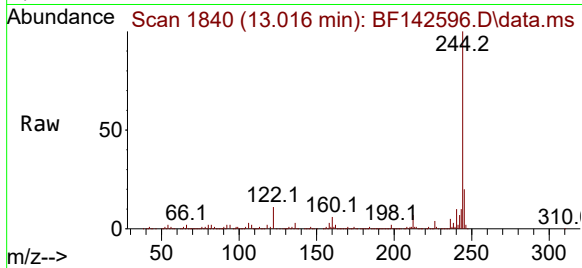
122 10.5 8.2 12.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#80

Butylbenzylphthalate

Concen: 49.286 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

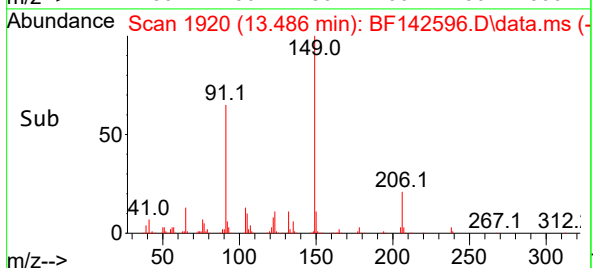
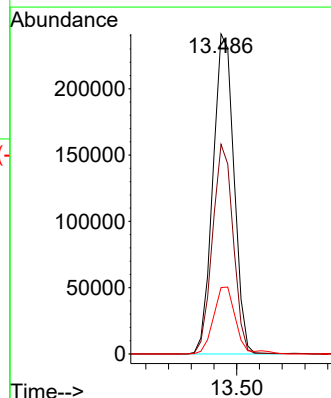
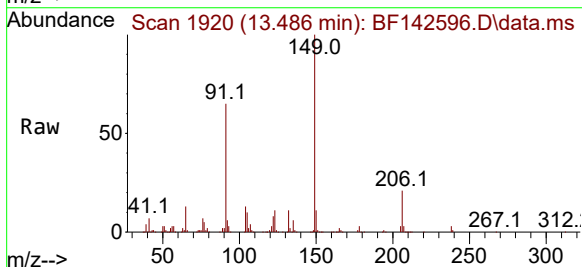
Tgt Ion:149 Resp: 310361

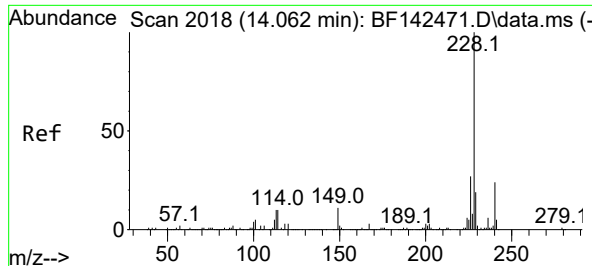
Ion Ratio Lower Upper

149 100

91 65.5 52.9 79.3

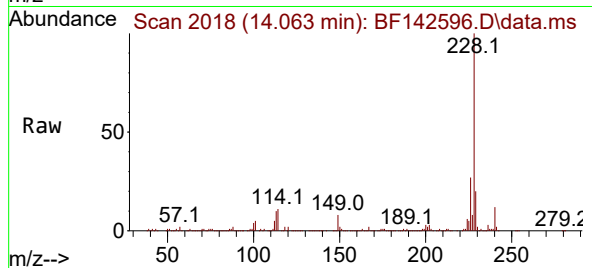
206 20.7 16.2 24.2





#81
Benzo(a)anthracene
Concen: 42.477 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

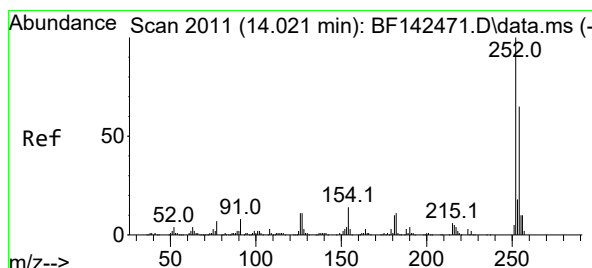
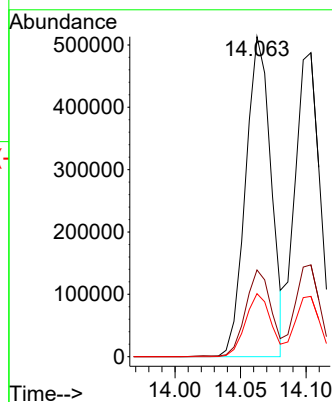
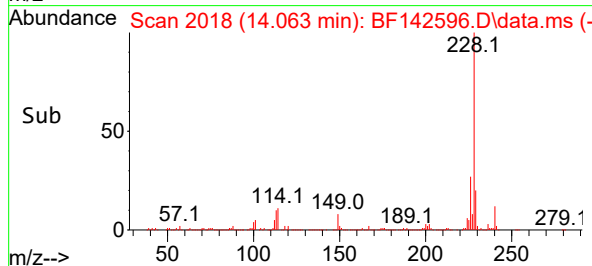
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



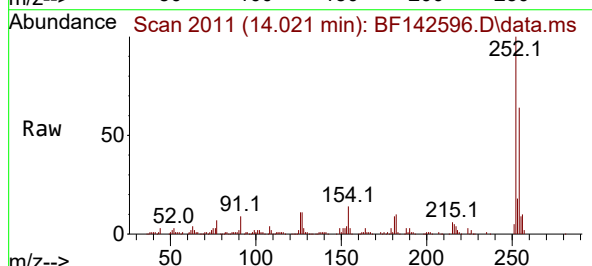
Tgt Ion:228 Resp: 69292
Ion Ratio Lower Upper
228 100
226 27.1 21.2 31.8
229 19.7 15.5 23.3

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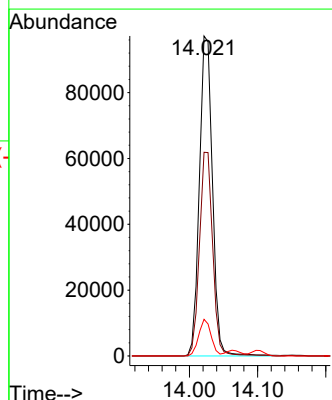
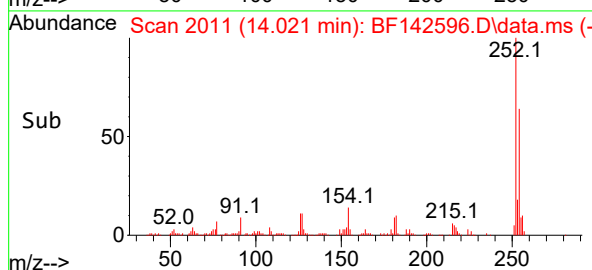
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

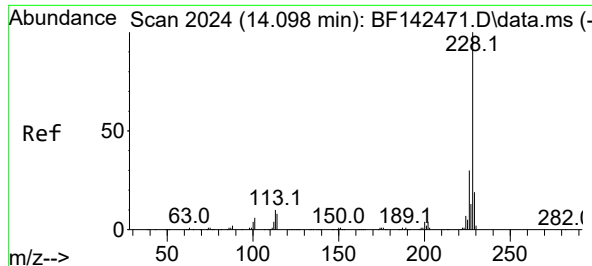


#82
3,3'-Dichlorobenzidine
Concen: 26.241 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



Tgt Ion:252 Resp: 129835
Ion Ratio Lower Upper
252 100
254 63.6 52.0 78.0
126 11.4 8.9 13.3





#83

Chrysene

Concen: 43.718 ng

RT: 14.104 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:228 Resp: 64083

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

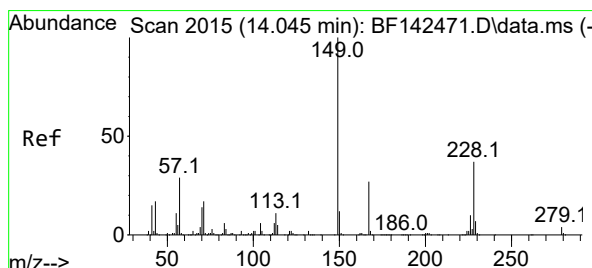
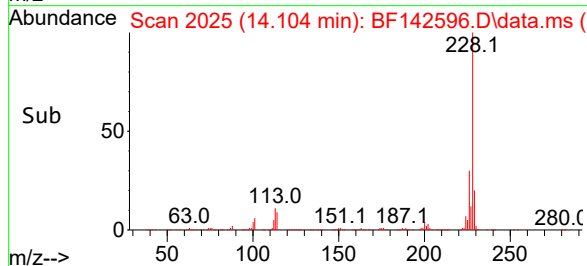
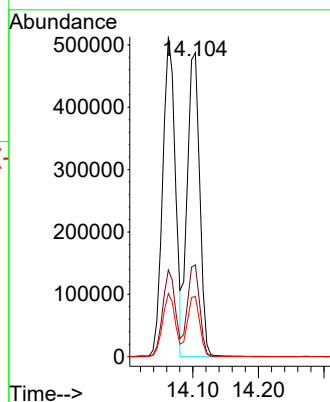
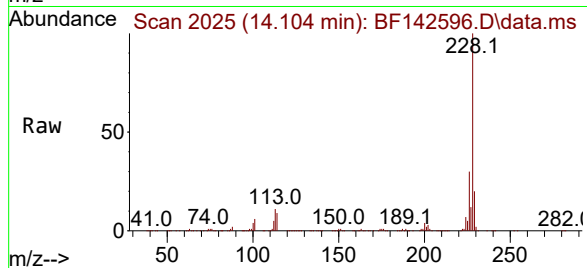
229 19.8 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.135 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

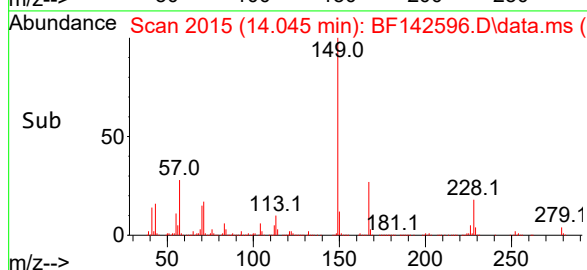
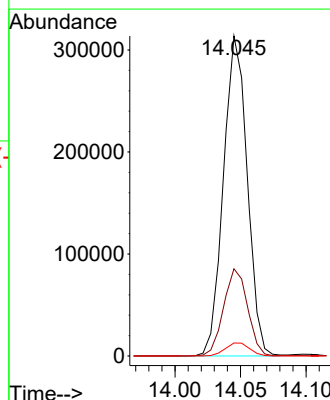
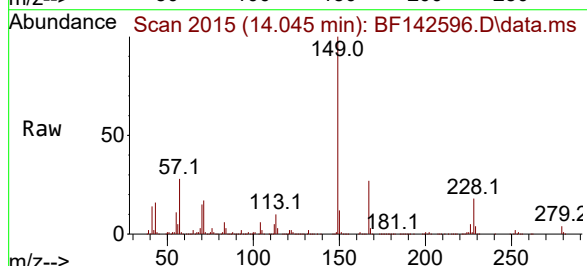
Tgt Ion:149 Resp: 396090

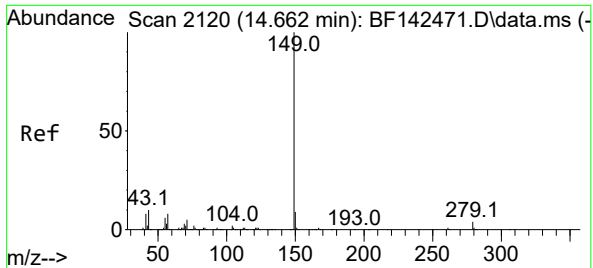
Ion Ratio Lower Upper

149 100

167 27.3 21.5 32.3

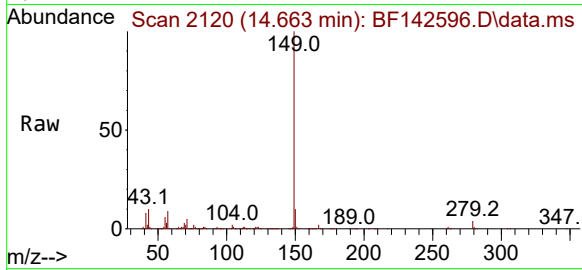
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 43.763 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

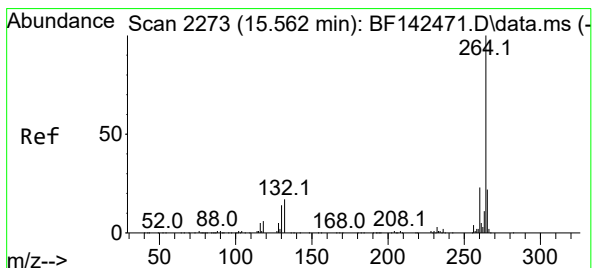
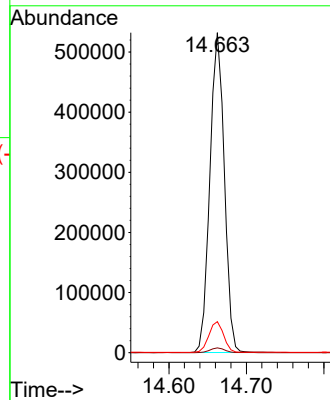
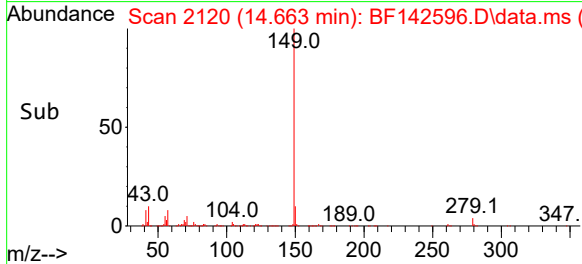
Instrument :
BNA_F
ClientSampleId :
PB168235BSD



Tgt Ion:149 Resp: 68979
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 7.9 11.9

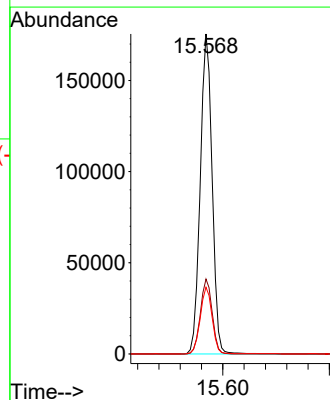
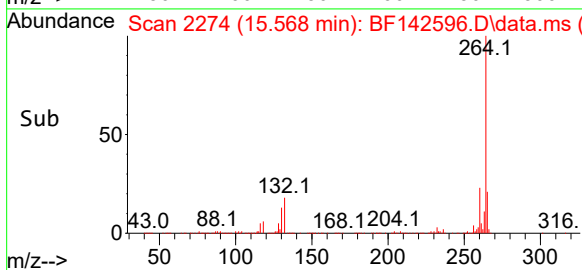
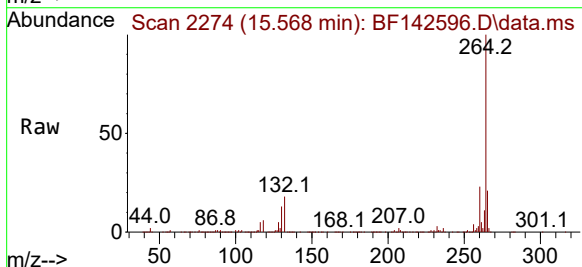
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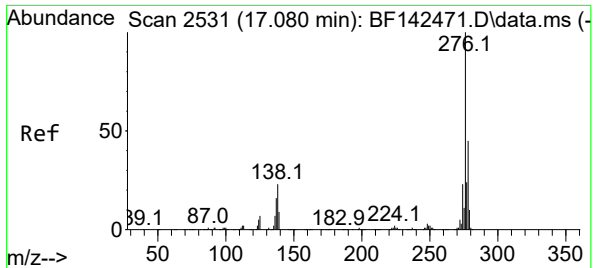
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:264 Resp: 271289
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 20.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.689 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:276 Resp: 828700

Ion Ratio Lower Upper

276 100

138 26.3 19.9 29.9

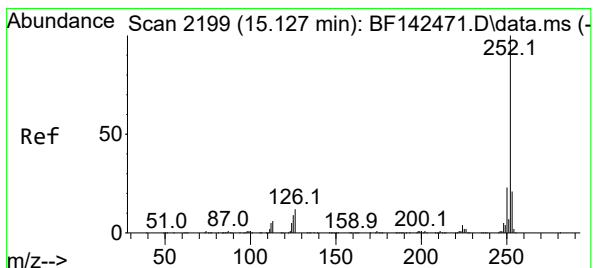
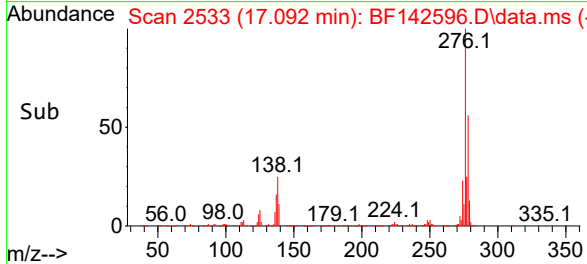
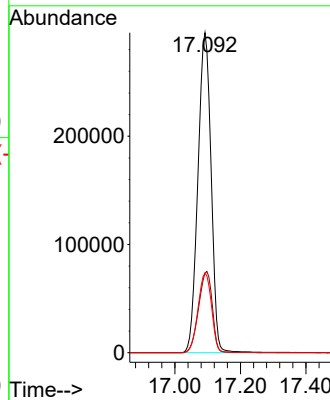
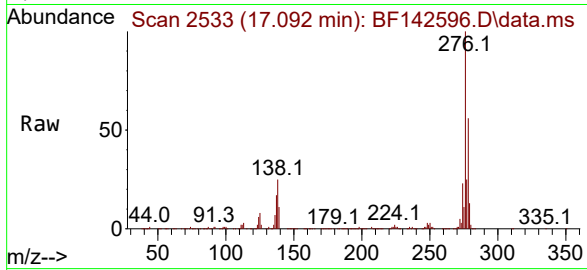
277 25.5 20.2 30.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#88

Benzo(b)fluoranthene

Concen: 43.901 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

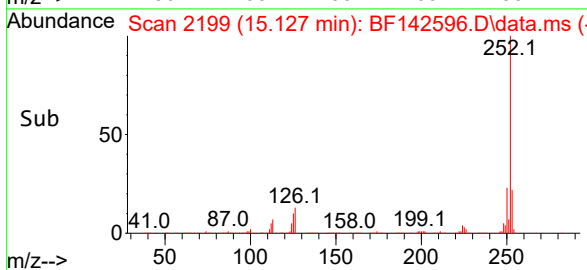
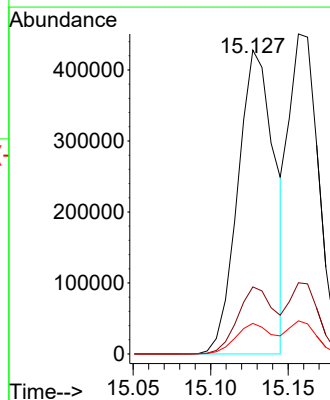
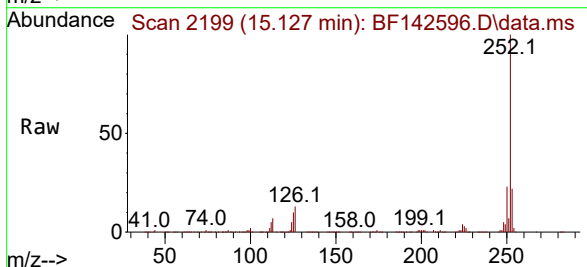
Tgt Ion:252 Resp: 704885

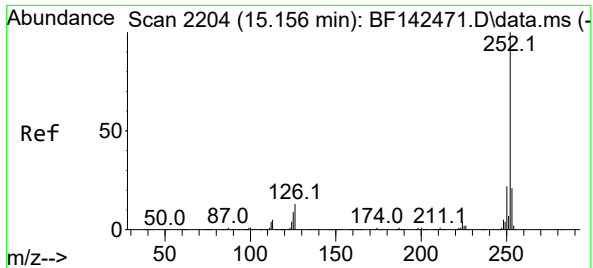
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 10.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 39.893 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:252 Resp: 59993

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

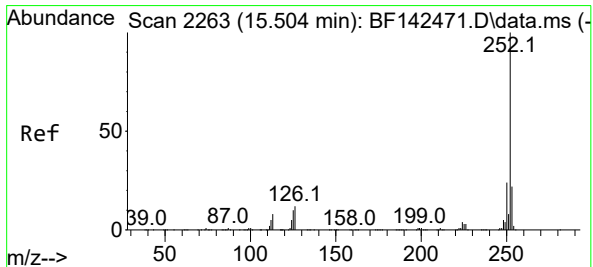
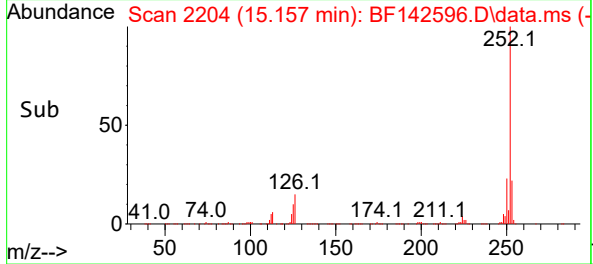
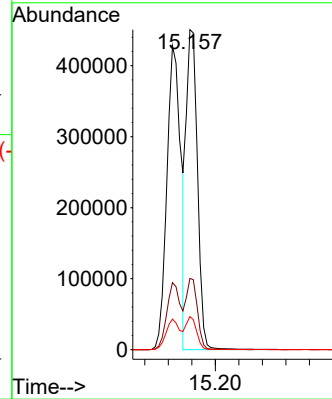
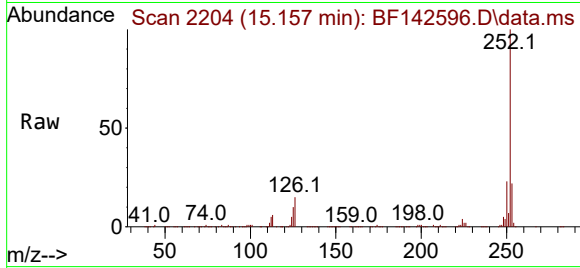
125 10.4 7.3 10.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#90

Benzo(a)pyrene

Concen: 43.063 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

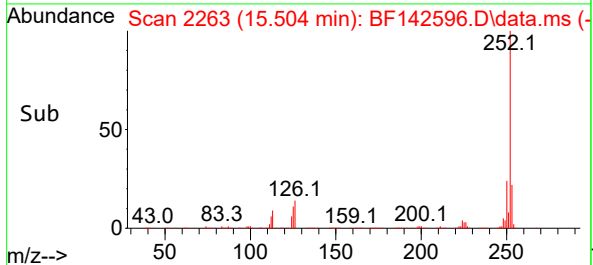
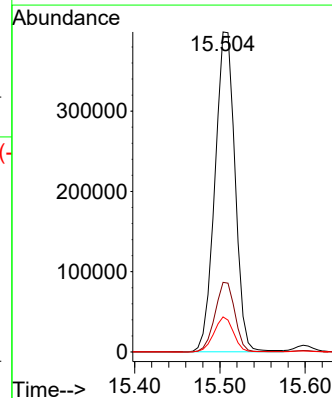
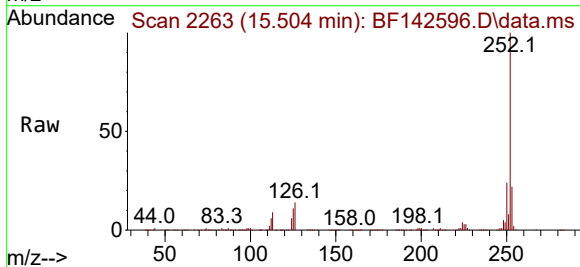
Tgt Ion:252 Resp: 651737

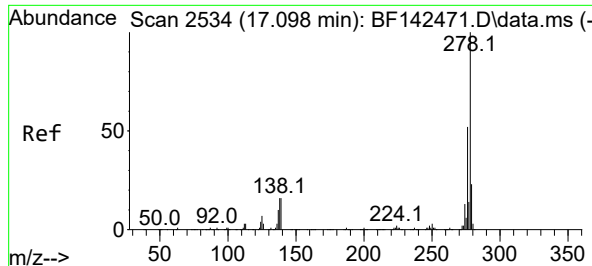
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 11.0 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 41.133 ng

RT: 17.109 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

PB168235BSD

Tgt Ion:278 Resp: 67945

Ion Ratio Lower Upper

278 100

139 16.4 12.8 19.2

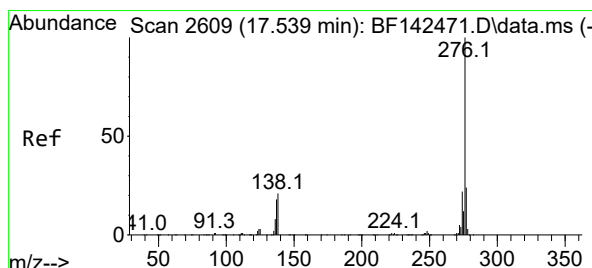
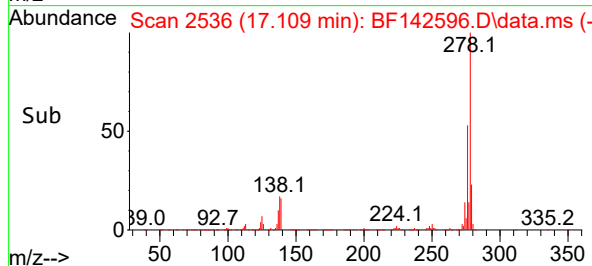
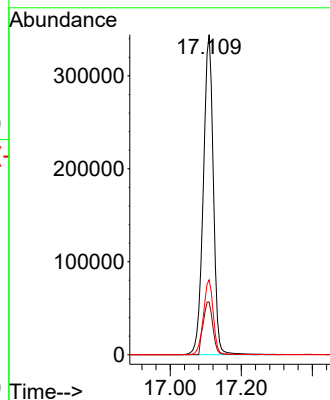
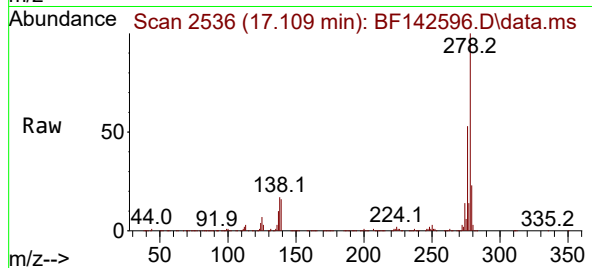
279 23.4 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#92

Benzo(g,h,i)perylene

Concen: 40.598 ng

RT: 17.551 min Scan# 2611

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

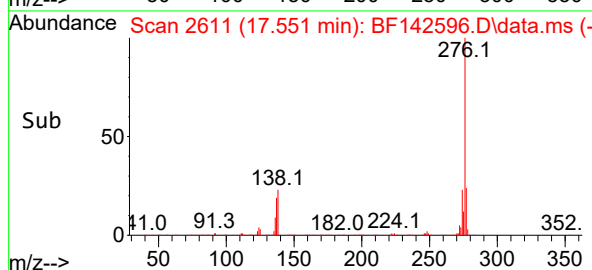
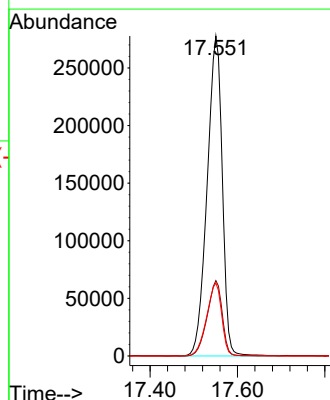
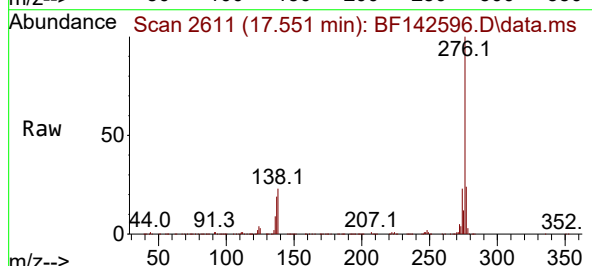
Tgt Ion:276 Resp: 670764

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 22.8 16.8 25.2





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Manual Integration Report

Sequence:	bf052025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF142469.D	Benzoic acid	Rahul	5/21/2025 2:07:30 PM	Jagrut	5/21/2025 4:43:55 PM	Peak Integrated by Software



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Manual Integration Report

Sequence:

BF060225

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168235BS	BF142595.D	Caprolactam	Rahul	6/3/2025 1:29:38 PM	Jagrut	6/3/2025 5:25:03 PM	Peak Integrated by Software
PB168235BSD	BF142596.D	Caprolactam	Rahul	6/3/2025 1:29:40 PM	Jagrut	6/3/2025 5:25:06 PM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF052025

Review By	Rahul	Review On	5/21/2025 2:52:20 PM
Supervise By	Jagrut	Supervise On	5/21/2025 4:44:06 PM
SubDirectory	BF052025	HP Acquire Method	BNA_F
		HP Processing Method	bf052025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791		
CCC	SP6787		
Internal Standard/PEM	S12665,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142465.D	20 May 2025 11:13	RC/JU	Ok
2	SSTDCCC040	BF142466.D	20 May 2025 11:41	RC/JU	Not Ok
3	SSTDICC2.5	BF142467.D	20 May 2025 12:10	RC/JU	Ok
4	SSTDICC005	BF142468.D	20 May 2025 12:38	RC/JU	Ok
5	SSTDICC010	BF142469.D	20 May 2025 13:07	RC/JU	Ok,M
6	SSTDICC020	BF142470.D	20 May 2025 13:36	RC/JU	Ok
7	SSTDICCC040	BF142471.D	20 May 2025 14:05	RC/JU	Ok
8	SSTDICC050	BF142472.D	20 May 2025 14:34	RC/JU	Ok
9	SSTDICC060	BF142473.D	20 May 2025 15:03	RC/JU	Ok
10	SSTDICC080	BF142474.D	20 May 2025 15:31	RC/JU	Ok
11	SSTDICV040	BF142475.D	20 May 2025 16:31	RC/JU	Ok
12	PB168067TB	BF142476.D	20 May 2025 17:29	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF060225

Review By	Rahul	Review On	6/3/2025 1:30:43 PM		
Supervise By	Jagrut	Supervise On	6/3/2025 5:25:27 PM		
SubDirectory	BF060225	HP Acquire Method	BNA_F	HP Processing Method	bf052025
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791			
CCC		SP6787			
Internal Standard/PEM		S12667,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142589.D	02 Jun 2025 11:01	RC/JU	Ok
2	SSTDCCC040	BF142590.D	02 Jun 2025 11:30	RC/JU	Ok
3	PB168219BL	BF142591.D	02 Jun 2025 11:59	RC/JU	Ok
4	PB168219BS	BF142592.D	02 Jun 2025 12:28	RC/JU	Ok,M
5	PB168190TB	BF142593.D	02 Jun 2025 12:57	RC/JU	Ok
6	PB168235BL	BF142594.D	02 Jun 2025 13:26	RC/JU	Ok
7	PB168235BS	BF142595.D	02 Jun 2025 13:54	RC/JU	Ok,M
8	PB168235BSD	BF142596.D	02 Jun 2025 14:23	RC/JU	Ok,M
9	Q2134-01	BF142597.D	02 Jun 2025 15:05	RC/JU	Ok
10	Q2150-01DL	BF142598.D	02 Jun 2025 15:34	RC/JU	Ok,M
11	Q2149-01	BF142599.D	02 Jun 2025 16:03	RC/JU	Dilution
12	Q2149-01DL	BF142600.D	02 Jun 2025 17:11	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF052025

Review By	Rahul	Review On	5/21/2025 2:52:20 PM
Supervise By	Jagrut	Supervise On	5/21/2025 4:44:06 PM
SubDirectory	BF052025	HP Acquire Method	BNA_F
		HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142465.D	20 May 2025 11:13		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142466.D	20 May 2025 11:41	Fresh Calibration Required	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF142467.D	20 May 2025 12:10		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF142468.D	20 May 2025 12:38	Compound #32,54,85 removed from 5ppm	RC/JU	Ok
5	SSTDICC010	SSTDICC010	BF142469.D	20 May 2025 13:07		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF142470.D	20 May 2025 13:36		RC/JU	Ok
7	SSTDICCC040	SSTDICCC040	BF142471.D	20 May 2025 14:05	This calibration is good for both the methods, 8270E DOD and 625.1.	RC/JU	Ok
8	SSTDICC050	SSTDICC050	BF142472.D	20 May 2025 14:34		RC/JU	Ok
9	SSTDICC060	SSTDICC060	BF142473.D	20 May 2025 15:03		RC/JU	Ok
10	SSTDICC080	SSTDICC080	BF142474.D	20 May 2025 15:31		RC/JU	Ok
11	SSTDICV040	ICVBF052025	BF142475.D	20 May 2025 16:31		RC/JU	Ok
12	PB168067TB	PB168067TB	BF142476.D	20 May 2025 17:29		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF060225

Review By	Rahul	Review On	6/3/2025 1:30:43 PM
Supervise By	Jagrut	Supervise On	6/3/2025 5:25:27 PM
SubDirectory	BF060225	HP Acquire Method	BNA_F
		HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142589.D	02 Jun 2025 11:01		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142590.D	02 Jun 2025 11:30		RC/JU	Ok
3	PB168219BL	PB168219BL	BF142591.D	02 Jun 2025 11:59		RC/JU	Ok
4	PB168219BS	PB168219BS	BF142592.D	02 Jun 2025 12:28		RC/JU	Ok,M
5	PB168190TB	PB168190TB	BF142593.D	02 Jun 2025 12:57		RC/JU	Ok
6	PB168235BL	PB168235BL	BF142594.D	02 Jun 2025 13:26		RC/JU	Ok
7	PB168235BS	PB168235BS	BF142595.D	02 Jun 2025 13:54		RC/JU	Ok,M
8	PB168235BSD	PB168235BSD	BF142596.D	02 Jun 2025 14:23		RC/JU	Ok,M
9	Q2134-01	MW10	BF142597.D	02 Jun 2025 15:05		RC/JU	Ok
10	Q2150-01DL	TP-44DL	BF142598.D	02 Jun 2025 15:34		RC/JU	Ok,M
11	Q2149-01	FILTER-CAKE	BF142599.D	02 Jun 2025 16:03	Need 5X Dilution	RC/JU	Dilution
12	Q2149-01DL	FILTER-CAKEDL	BF142600.D	02 Jun 2025 17:11		RC/JU	Ok

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Extraction Start Date : 05/30/2025

Matrix : Water

Extraction Start Time : 09:21

Weigh By: N/A

Extraction By: RS

Extraction End Date : 05/30/2025

Balance check: N/A

Filter By: RJ

Extraction End Time : 14:20

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3880

Hood ID: 4,6,7

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous 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	SP6782
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2614
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID: WATER BATH-1

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

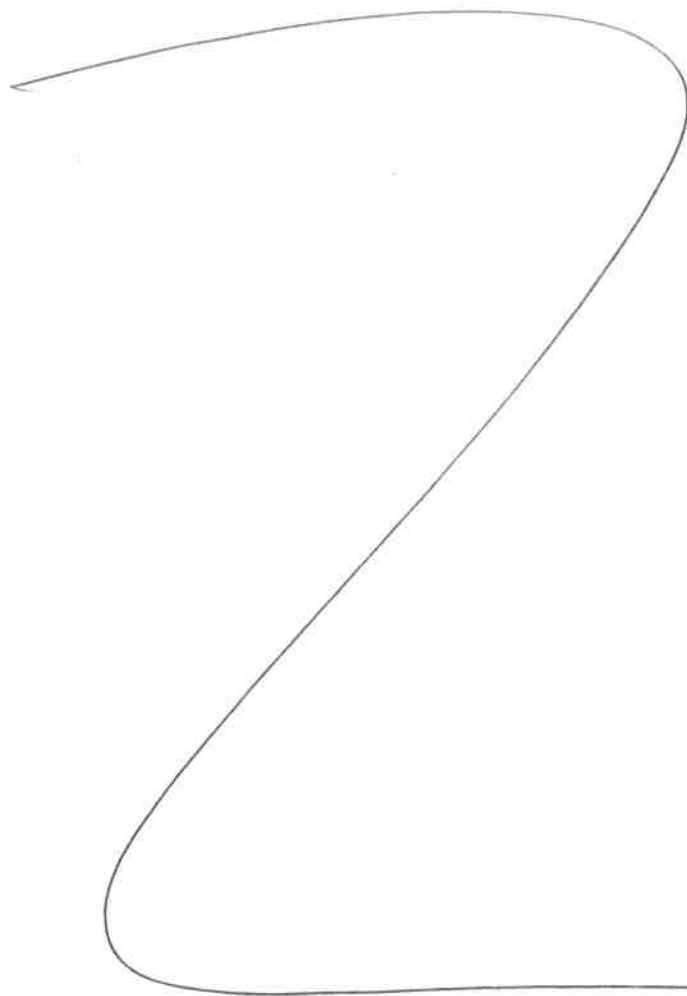
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/30/25	RS (Ext Lab)	Rel/svoc
14:25	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 05/30/2025

Sample ID	Client Sample ID	Test	g / <u>mL</u>	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168235BL	SBLK235	SVOCMS Group2	1000	6	RUPESH	ritesh	1			SEP-1
PB168235BS	SLCS235	SVOCMS Group2	1000	6	RUPESH	ritesh	1			2
PB168235BS D	SLCSD235	SVOCMS Group2	1000	6	RUPESH	ritesh	1			3
Q2134-01	MW10	SVOCMS Group2	980	6	RUPESH	ritesh	1	D		4



RS
5/30

9:21
168223

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2134 WorkList ID : 189863 Department : Extraction Date : 05-30-2025 09:14:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2134-01	MW10	Water	SVOCMS Group2	Cool 4 deg C	GENV01	L31	05/27/2025	8270E

Date/Time 5/30/25 9:15
Raw Sample Received by: RS (Ext-Gab.)
Raw Sample Relinquished by: JD (SM)

Date/Time 5/30/25 9:48
Raw Sample Received by: JD (SM)
Raw Sample Relinquished by: RS (Ext-Gab.)



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

COMPANY: G Environmental
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

PROJECT NAME: DPW
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

BILL TO: G Environmental
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE NJ ZIP: 07876
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) STANDARD DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ 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. 2. 3. 4. 5. 6. 7. 8. 9.

TCL VOC+LS
TCL BHT+LS
(No phenols)
(No low level BHT)
Na, Fe, Mn

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		Hd	Ice								← Specify Preservatives	
1.	MW10	GW		X	5/27/25	1330	5	X	X								A-HCl	D-NaOH
2.																	B-HNO3	E-ICE
3.																	C-H2SO4	F-OTHER
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. 2. 3.
DATE/TIME: 5/28/25 9:37
RECEIVED BY: 1. 2. 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1°C
Comments: If Courier 1

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete
☐ YES ☐ NO

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 : Q2134	GENV01	Order Date : 5/28/2025 11:45:10 AM	Project Mgr :
Client Name : G Environmental		Project Name : DPW	Report Type : ~~Level 1~~ NJ Reduce
Client Contact : Gary Landis		Receive Date/Time : 5/28/2025 12:00:00 AM	EDD Type : Excel NJ
Invoice Name : G Environmental		Purchase Order : 9131	Hard Copy Date :
Invoice Contact : Gary Landis			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2134-01	MW10	Water	05/27/2025	13:30		VOCMS Group2	8260-Low		10 Bus. Days

Relinquished By : CP
Date / Time : 5/28/25 1253

Received By : Adel
Date / Time : 05/28/25

Storage Area : VOA Refridgerator Room