

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



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

LAB CHRONICLE

OrderID:	Q3349	OrderDate:	10/15/2025 9:30:00 AM
Client:	Core Environmental Consultants and Services, Inc.	Project:	NYPA PURS Station
Contact:	Roland Scardino	Location:	J31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3349-01	PURS Station	TCLP	TCLP BNA	8270E	10/13/25	10/17/25	10/17/25	10/14/25



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Hit Summary Sheet SW-846

SDG No.: Q3349

Client: Core Environmental Consultants and Services, Inc.

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



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3349

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170116TB	PB170116TB	2-Fluorophenol	150	123	82		23	138
		Phenol-d6	150	121	81		10	134
		Nitrobenzene-d5	100	90.9	91		67	132
		2-Fluorobiphenyl	100	79.9	80		52	132
		2,4,6-Tribromophenol	150	136	90		44	137
		Terphenyl-d14	100	93.0	93		42	152
PB170149BL	PB170149BL	2-Fluorophenol	150	125	83		23	138
		Phenol-d6	150	126	84		10	134
		Nitrobenzene-d5	100	92.8	93		67	132
		2-Fluorobiphenyl	100	82.5	82		52	132
		2,4,6-Tribromophenol	150	141	94		44	137
		Terphenyl-d14	100	96.5	97		42	152
PB170149BS	PB170149BS	2-Fluorophenol	150	117	78		23	138
		Phenol-d6	150	117	78		10	134
		Nitrobenzene-d5	100	86.0	86		67	132
		2-Fluorobiphenyl	100	77.7	78		52	132
		2,4,6-Tribromophenol	150	128	85		44	137
		Terphenyl-d14	100	93.9	94		42	152
Q3349-01	PURS Station	2-Fluorophenol	150	176	117		23	138
		Phenol-d6	150	170	114		10	134
		Nitrobenzene-d5	100	119	119		67	132
		2-Fluorobiphenyl	100	133	133	*	52	132
		2,4,6-Tribromophenol	150	134	89		44	137
		Terphenyl-d14	100	131	131		42	152
Q3352-04MS	TP-3MS	2-Fluorophenol	150	146	97		23	138
		Phenol-d6	150	140	93		10	134
		Nitrobenzene-d5	100	114	114		67	132
		2-Fluorobiphenyl	100	102	102		52	132
		2,4,6-Tribromophenol	150	168	112		44	137
		Terphenyl-d14	100	99.6	100		42	152
Q3352-04MSD	TP-3MSD	2-Fluorophenol	150	151	101		23	138
		Phenol-d6	150	143	95		10	134
		Nitrobenzene-d5	100	116	116		67	132
		2-Fluorobiphenyl	100	106	106		52	132
		2,4,6-Tribromophenol	150	169	113		44	137
		Terphenyl-d14	100	109	109		42	152

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3349

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BF143989.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3352-04MS		Client Sample ID: TP-3MS									
Pyridine	500	0	450	ug/L	90				10	109	
1,4-Dichlorobenzene	500	0	550	ug/L	110				55	125	
2-Methylphenol	500	0	570	ug/L	114				60	131	
3+4-Methylphenols	500	0	540	ug/L	108				54	136	
Hexachloroethane	500	0	540	ug/L	108				19	146	
Nitrobenzene	500	0	570	ug/L	114	*			62	112	
Hexachlorobutadiene	500	0	530	ug/L	106				52	125	
2,4,6-Trichlorophenol	500	0	550	ug/L	110				78	112	
2,4,5-Trichlorophenol	500	0	560	ug/L	112	*			71	111	
2,4-Dinitrotoluene	500	0	660	ug/L	132				74	137	
Hexachlorobenzene	500	0	560	ug/L	112				72	115	
Pentachlorophenol	1000	0	1000	ug/L	100				52	162	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3349

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BF143990.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3352-04MSD	Client Sample ID:	TP-3MSD								
Pyridine	500	0	470	ug/L	94		4		10	109	20
1,4-Dichlorobenzene	500	0	560	ug/L	112		2		55	125	20
2-Methylphenol	500	0	570	ug/L	114		0		60	131	20
3+4-Methylphenols	500	0	550	ug/L	110		2		54	136	20
Hexachloroethane	500	0	530	ug/L	106		2		19	146	20
Nitrobenzene	500	0	590	ug/L	118	*	3		62	112	20
Hexachlorobutadiene	500	0	540	ug/L	108		2		52	125	20
2,4,6-Trichlorophenol	500	0	570	ug/L	114	*	4		78	112	20
2,4,5-Trichlorophenol	500	0	580	ug/L	116	*	4		71	111	20
2,4-Dinitrotoluene	500	0	670	ug/L	134		2		74	137	20
Hexachlorobenzene	500	0	580	ug/L	116	*	4		72	115	20
Pentachlorophenol	1000	0	1100	ug/L	110		10		52	162	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3349

Analytical Method: 8270E

Client: Core Environmental Consultants and Services, Inc.

DataFile: BF143986.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170149BS	Pyridine	50	40.4	ug/L	81				29	97	
	1,4-Dichlorobenzene	50	45.7	ug/L	91				76	103	
	2-Methylphenol	50	45.9	ug/L	92				69	109	
	3+4-Methylphenols	50	43.4	ug/L	87				67	106	
	Hexachloroethane	50	45.2	ug/L	90				76	118	
	Nitrobenzene	50	46.6	ug/L	93				58	106	
	Hexachlorobutadiene	50	44.8	ug/L	90				69	101	
	2,4,6-Trichlorophenol	50	43.9	ug/L	88				61	110	
	2,4,5-Trichlorophenol	50	44.7	ug/L	89				70	106	
	2,4-Dinitrotoluene	50	51.5	ug/L	103				60	115	
	Hexachlorobenzene	50	47.9	ug/L	96				73	106	
	Pentachlorophenol	100	85.6	ug/L	86				47	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170149BL

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3349

Lab File ID: BF143985.D

Lab Sample ID: PB170149BL

Instrument ID: BNA_F

Date Extracted: 10/17/2025

Matrix: (soil/water) water

Date Analyzed: 10/17/2025

Level: (low/med) LOW

Time Analyzed: 15:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170149BS	PB170149BS	BF143986.D	10/17/2025
TP-3MS	Q3352-04MS	BF143989.D	10/17/2025
TP-3MSD	Q3352-04MSD	BF143990.D	10/17/2025
PURS Station	Q3349-01	BF143992.D	10/17/2025
PB170116TB	PB170116TB	BF143987.D	10/17/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143874.D
Instrument ID: BNA_F

Contract: CORE02
SDG NO.: Q3349
DFTPP Injection Date: 10/06/2025
DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	24
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.9
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BF143875.D	10/06/2025	09:59
SSTDICC005	SSTDICC005	BF143876.D	10/06/2025	10:28
SSTDICC010	SSTDICC010	BF143877.D	10/06/2025	10:57
SSTDICC020	SSTDICC020	BF143878.D	10/06/2025	11:56
SSTDICCC040	SSTDICCC040	BF143879.D	10/06/2025	12:54
SSTDICC050	SSTDICC050	BF143880.D	10/06/2025	13:23
SSTDICC060	SSTDICC060	BF143881.D	10/06/2025	13:53
SSTDICC080	SSTDICC080	BF143882.D	10/06/2025	14:22



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143983.D
Instrument ID: BNA_F

Contract: CORE02
SDG NO.: Q3349
DFTPP Injection Date: 10/17/2025
DFTPP Injection Time: 14:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.7) 1
69	Mass 69 relative abundance	18.4
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	3.8
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143984.D	10/17/2025	14:43
PB170149BL	PB170149BL	BF143985.D	10/17/2025	15:11
PB170149BS	PB170149BS	BF143986.D	10/17/2025	15:40
PB170116TB	PB170116TB	BF143987.D	10/17/2025	16:09
TP-3MS	Q3352-04MS	BF143989.D	10/17/2025	17:16
TP-3MSD	Q3352-04MSD	BF143990.D	10/17/2025	17:45
PURS Station	Q3349-01	BF143992.D	10/17/2025	18:43

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3349

Client ID : SSTDCCC040

Date Analyzed: 10/17/2025

Lab File ID: BF143984.D

Time Analyzed: 14:43

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	156623	6.887	566623	8.17	278942	9.92
UPPER LIMIT	313246	7.387	1133250	8.669	557884	10.422
LOWER LIMIT	78311.5	6.387	283312	7.669	139471	9.422
EPA SAMPLE NO.						
01 PB170149BL	124841	6.88	484003	8.16	266250	9.92
02 PB170149BS	119613	6.88	469641	8.16	253761	9.92
03 PB170116TB	124101	6.88	484858	8.16	277642	9.92
04 TP-3MS	84940	6.88	333517	8.16	183894	9.92
05 TP-3MSD	83393	6.88	325316	8.16	173895	9.92
06 PURS Station	87692	6.88	299344	8.16	127355 *	9.92

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3349

Client ID: SSTDCCC040

Date Analyzed: 10/17/2025

Lab File ID: BF143984.D

Time Analyzed: 14:43

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	461614	11.416	286617	14.069	311878	15.551
UPPER LIMIT	923228	11.916	573234	14.569	623756	16.051
LOWER LIMIT	230807	10.916	143309	13.569	155939	15.051
EPA SAMPLE NO.						
01 PB170149BL	466858	11.42	270321	14.06	237285	15.55
02 PB170149BS	406747	11.42	226465	14.06	234681	15.55
03 PB170116TB	478688	11.41	302571	14.06	258607	15.55
04 TP-3MS	312055	11.42	209178	14.06	234382	15.55
05 TP-3MSD	283241	11.42	164621	14.06	207601	15.55
06 PURS Station	159085 *	11.42	119082 *	14.09	176056	15.60

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



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

Client: Core Environmental Consultants and Services, Inc.
Project: NYPA PURS Station
Client Sample ID: PB170116TB
Lab Sample ID: PB170116TB
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 100 mL Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/17/25

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3349
Matrix: TCLP
% Solid: 0
Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	12.8	U	1	12.8	50.0	ug/L	10/17/25 16:09	PB170149
106-46-7	1,4-Dichlorobenzene	5.30	U	1	5.30	50.0	ug/L	10/17/25 16:09	PB170149
95-48-7	2-Methylphenol	11.2	U	1	11.2	50.0	ug/L	10/17/25 16:09	PB170149
65794-96-9	3+4-Methylphenols	11.0	U	1	11.0	100	ug/L	10/17/25 16:09	PB170149
67-72-1	Hexachloroethane	6.50	U	1	6.50	50.0	ug/L	10/17/25 16:09	PB170149
98-95-3	Nitrobenzene	7.60	U	1	7.60	50.0	ug/L	10/17/25 16:09	PB170149
87-68-3	Hexachlorobutadiene	5.40	U	1	5.40	50.0	ug/L	10/17/25 16:09	PB170149
88-06-2	2,4,6-Trichlorophenol	5.10	U	1	5.10	50.0	ug/L	10/17/25 16:09	PB170149
95-95-4	2,4,5-Trichlorophenol	6.20	U	1	6.20	50.0	ug/L	10/17/25 16:09	PB170149
121-14-2	2,4-Dinitrotoluene	12.2	U	1	12.2	50.0	ug/L	10/17/25 16:09	PB170149
118-74-1	Hexachlorobenzene	5.20	U	1	5.20	50.0	ug/L	10/17/25 16:09	PB170149
87-86-5	Pentachlorophenol	15.8	U	1	15.8	100	ug/L	10/17/25 16:09	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	123			23 - 138	82%	SPK: 150		
13127-88-3	Phenol-d6	121			10 - 134	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	90.9			67 - 132	91%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.9			52 - 132	80%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	136			44 - 137	90%	SPK: 150		
1718-51-0	Terphenyl-d14	93.0			42 - 152	93%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	124000							
1146-65-2	Naphthalene-d8	485000							
15067-26-2	Acenaphthene-d10	278000							
1517-22-2	Phenanthrene-d10	479000							
1719-03-5	Chrysene-d12	303000							
1520-96-3	Perylene-d12	259000							

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\BF101725\
 Data File : BF143987.D
 Acq On : 17 Oct 2025 16:09
 Operator : RC/JU
 Sample : PB170116TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170116TB

Quant Time: Oct 17 16:29:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124101	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	484858	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	277642	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	478688	20.000	ng	0.00
76) Chrysene-d12	14.063	240	302571	20.000	ng	0.00
86) Perylene-d12	15.551	264	258607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	959633	122.794	ng	0.01
7) Phenol-d6	6.504	99	1127218	121.009	ng	-0.01
23) Nitrobenzene-d5	7.439	82	725199	90.871	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	374785	135.528	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1398758	79.940	ng	-0.01
79) Terphenyl-d14	13.004	244	1645637	92.954	ng	0.00

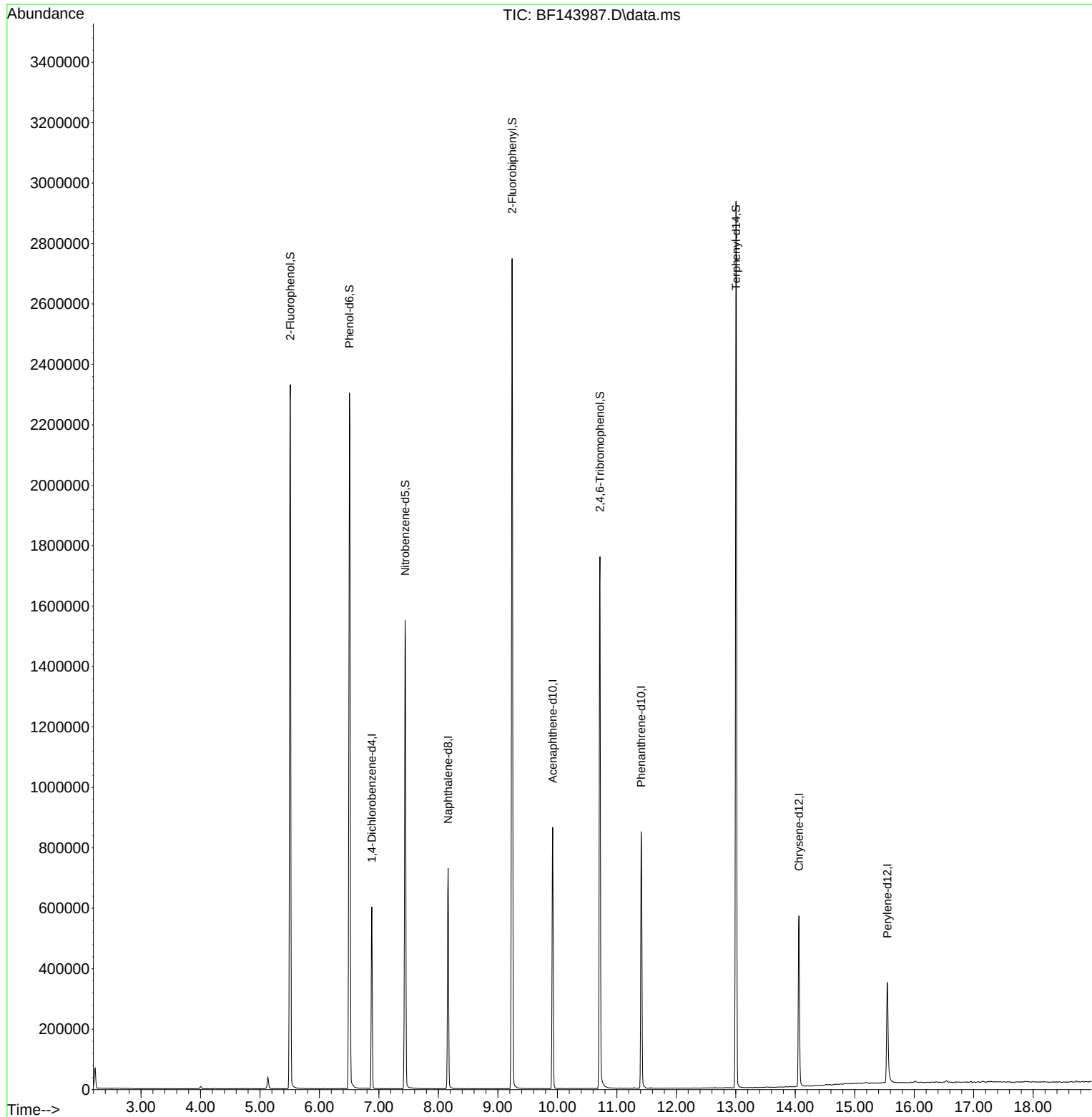
Target Compounds	Qvalue

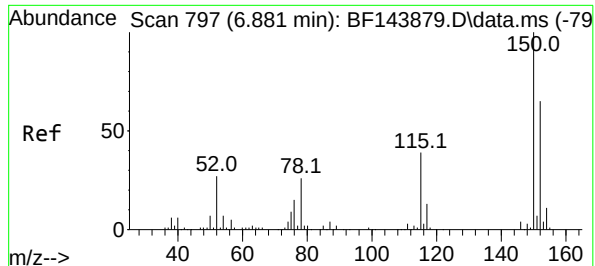
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143987.D
Acq On : 17 Oct 2025 16:09
Operator : RC/JU
Sample : PB170116TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170116TB

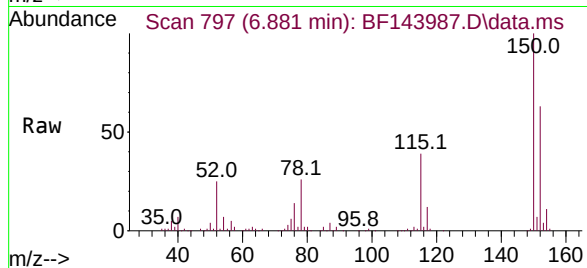
Quant Time: Oct 17 16:29:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



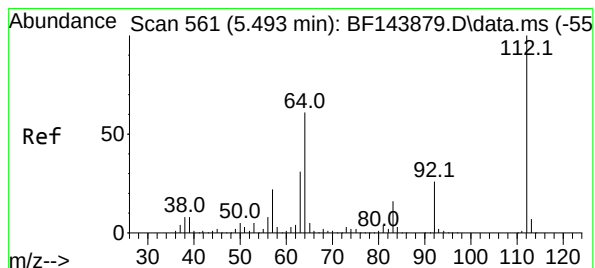
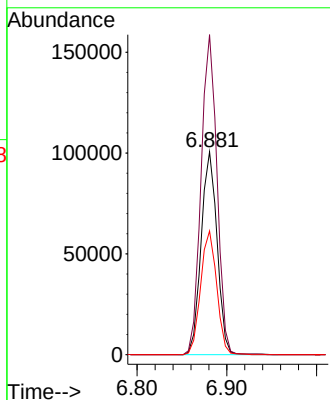
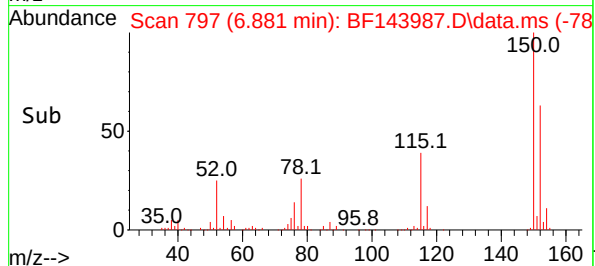


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB170116TB

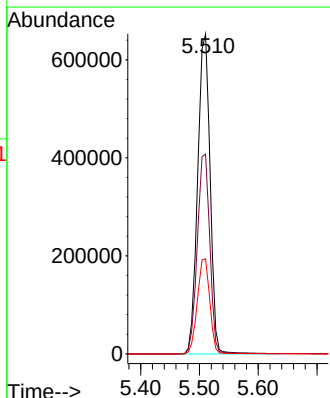
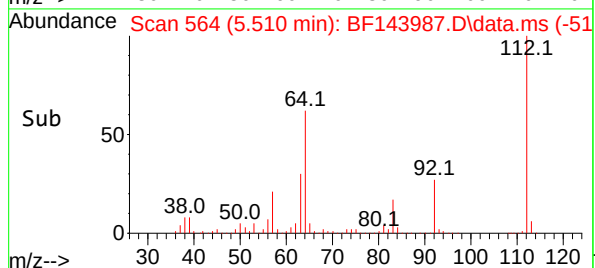
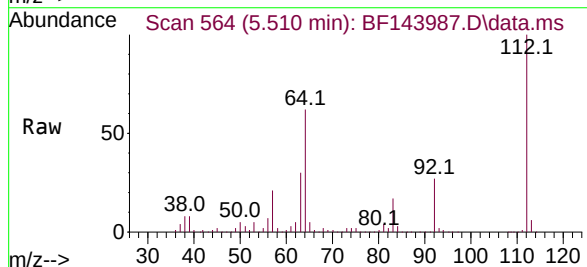


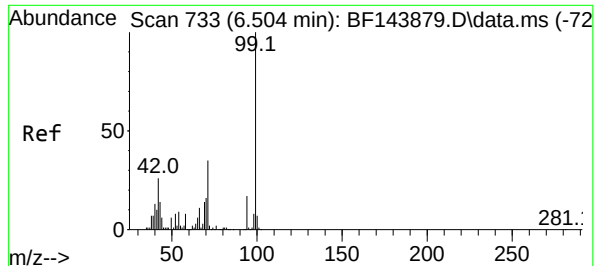
Tgt Ion:152 Resp: 124101
Ion Ratio Lower Upper
152 100
150 157.8 124.4 186.6
115 61.0 48.1 72.1



#5
2-Fluorophenol
Concen: 122.794 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

Tgt Ion:112 Resp: 959633
Ion Ratio Lower Upper
112 100
64 62.4 49.1 73.7
63 29.7 24.5 36.7

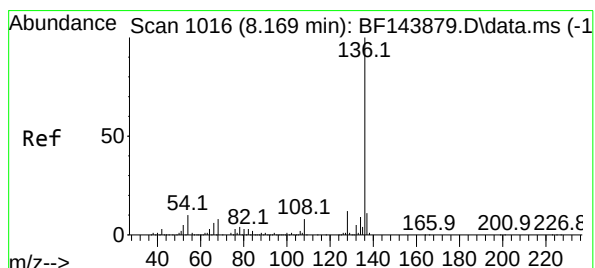
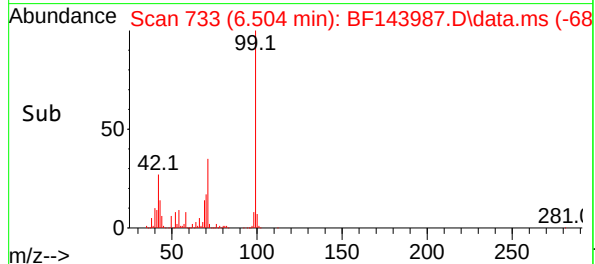
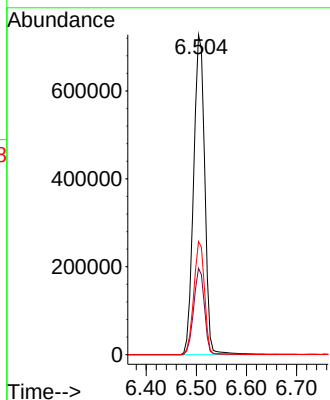
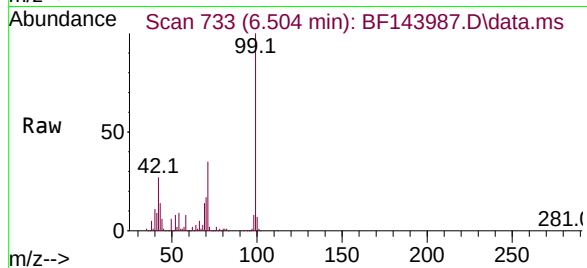




#7
Phenol-d6
Concen: 121.009 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

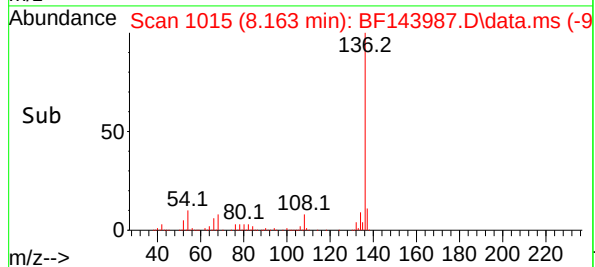
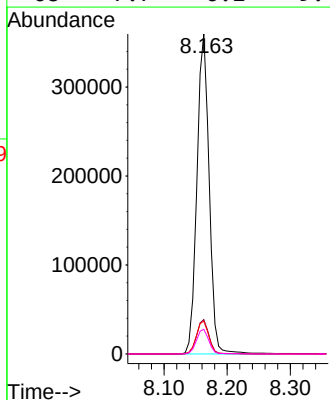
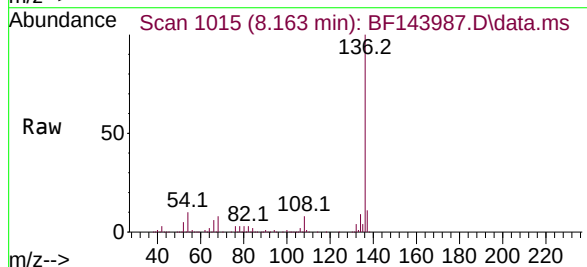
Instrument :
BNA_F
ClientSampleId :
PB170116TB

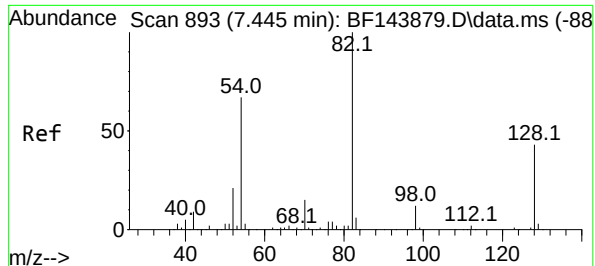
Tgt Ion: 99 Resp: 1127218
Ion Ratio Lower Upper
99 100
42 27.0 21.0 31.4
71 35.3 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

Tgt Ion: 136 Resp: 484858
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.2 8.2 12.4
68 7.7 6.2 9.4





#23

Nitrobenzene-d5

Concen: 90.871 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF143987.D

Acq: 17 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB170116TB

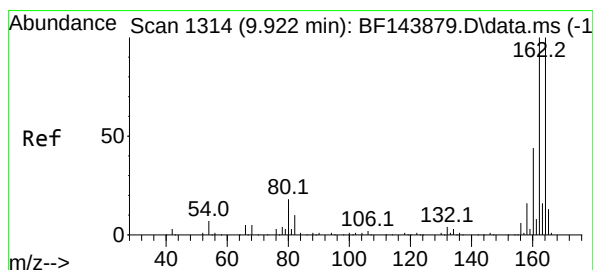
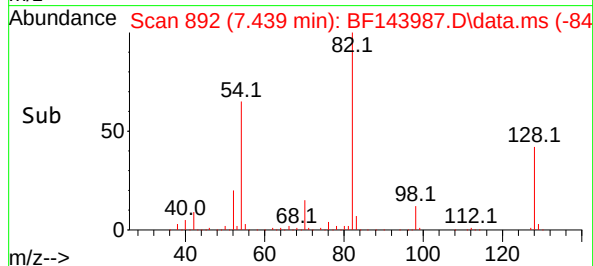
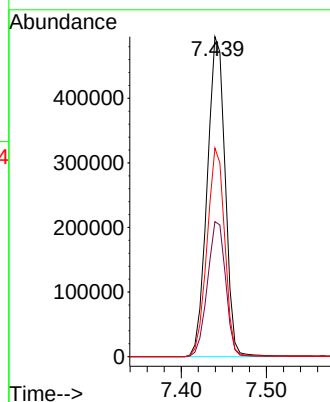
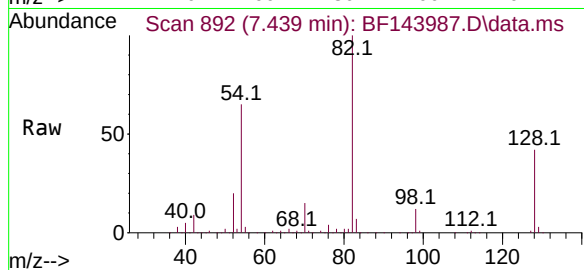
Tgt Ion: 82 Resp: 725199

Ion Ratio Lower Upper

82 100

128 42.2 34.0 51.0

54 65.2 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143987.D

Acq: 17 Oct 2025 16:09

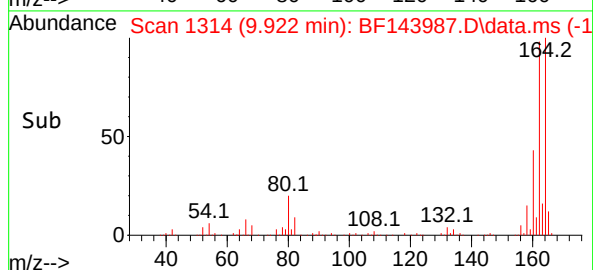
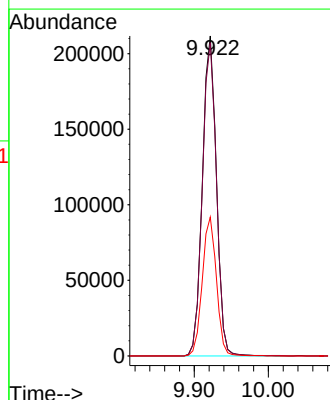
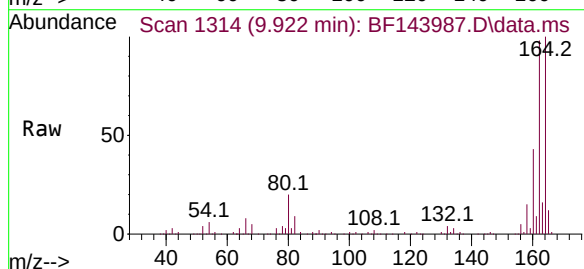
Tgt Ion: 164 Resp: 277642

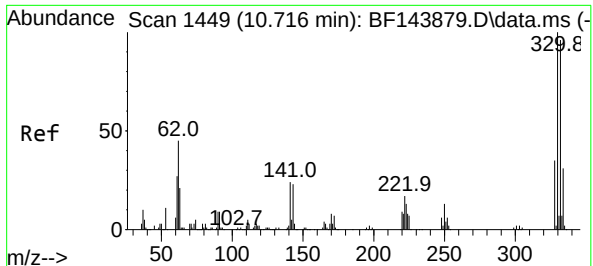
Ion Ratio Lower Upper

164 100

162 97.9 80.2 120.2

160 43.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 135.528 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143987.D

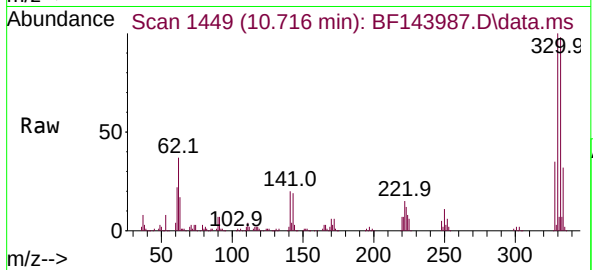
Acq: 17 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB170116TB



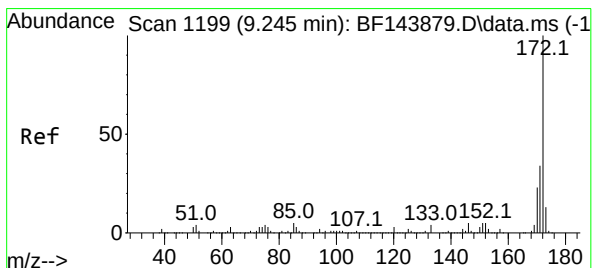
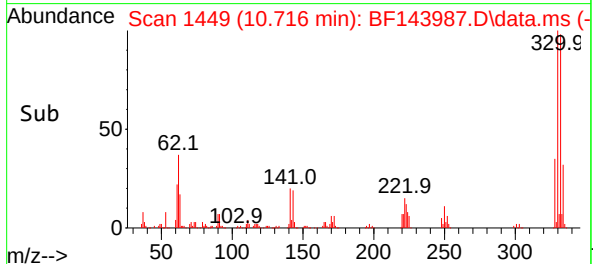
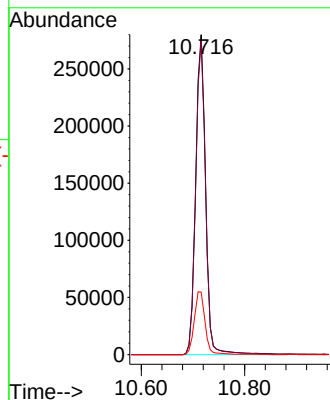
Tgt Ion:330 Resp: 374785

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

141 21.6 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 79.940 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143987.D

Acq: 17 Oct 2025 16:09

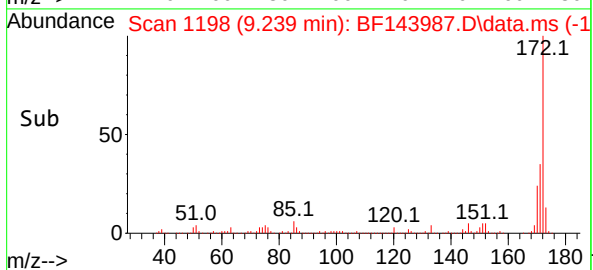
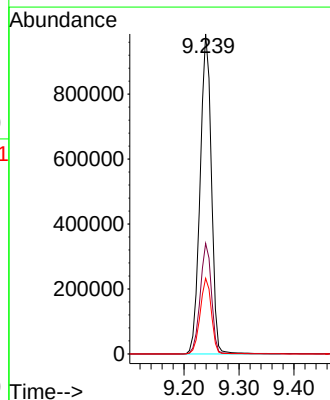
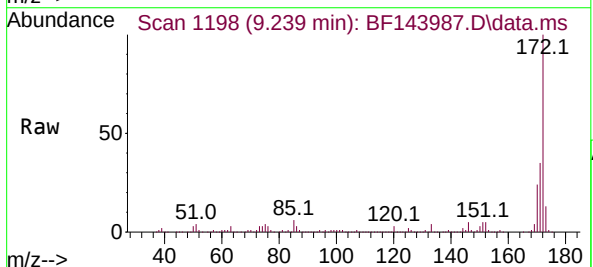
Tgt Ion:172 Resp: 1398758

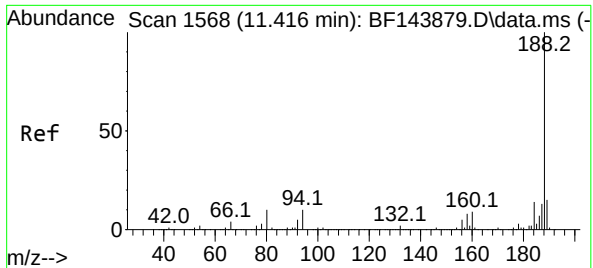
Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.0

170 23.6 18.6 28.0

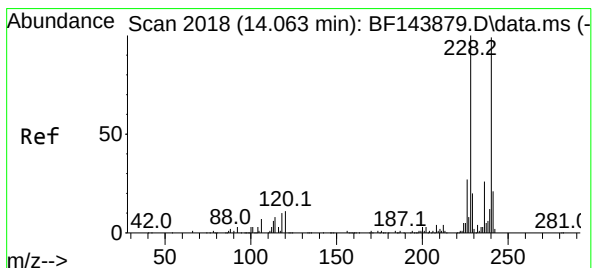
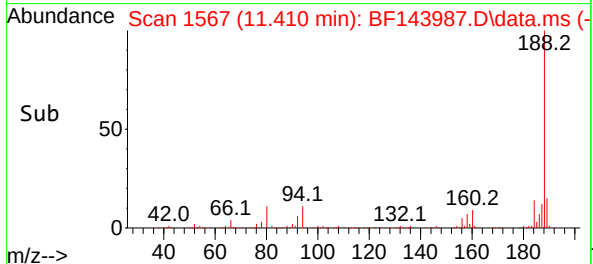
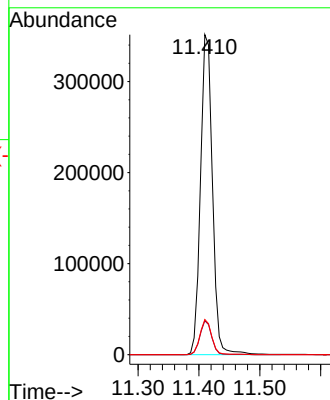
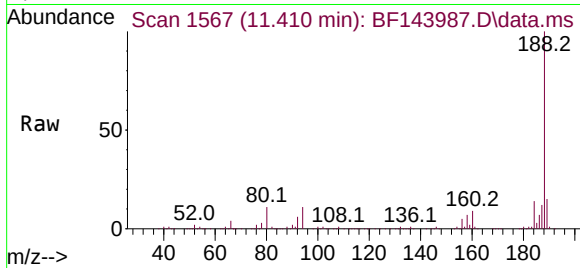




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

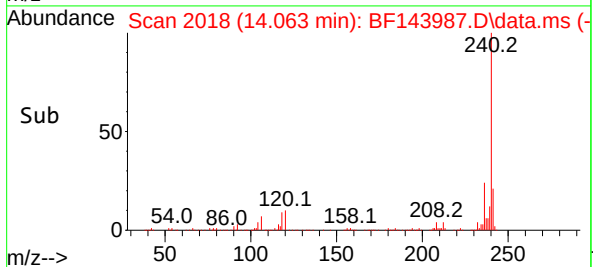
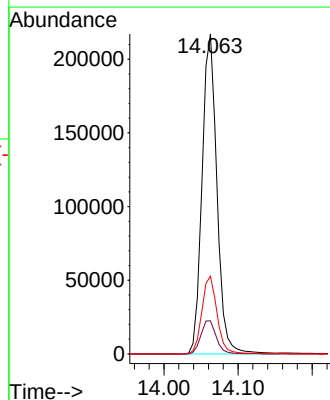
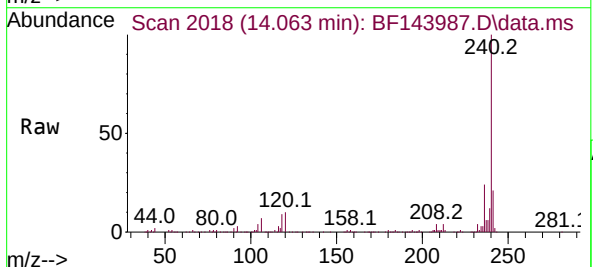
Instrument :
BNA_F
ClientSampleId :
PB170116TB

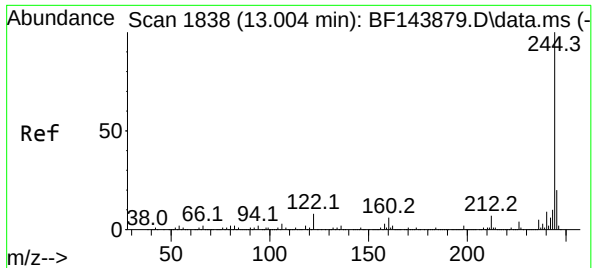
Tgt Ion:188 Resp: 478688
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

Tgt Ion:240 Resp: 302571
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 24.3 21.1 31.7

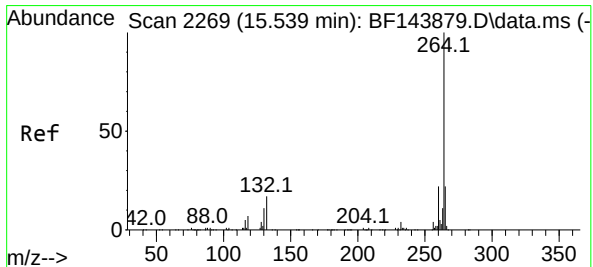
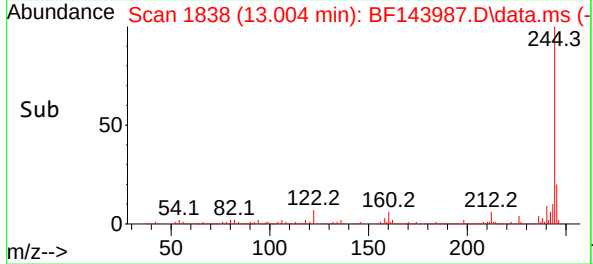
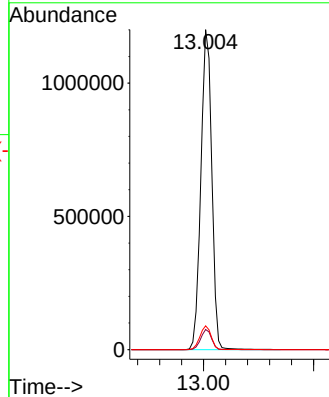
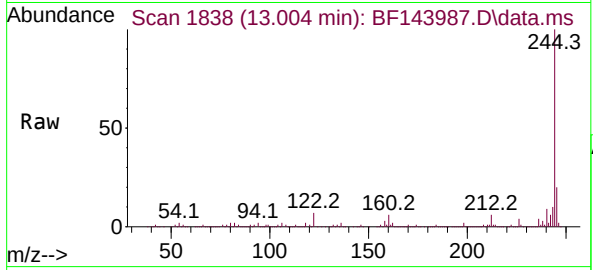




#79
Terphenyl-d14
Concen: 92.954 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

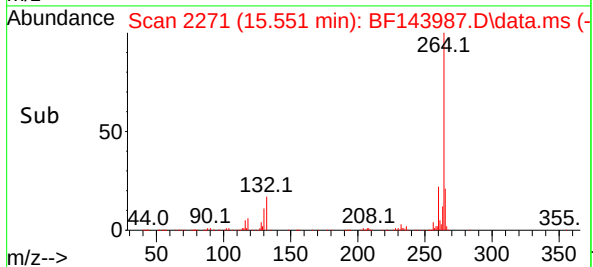
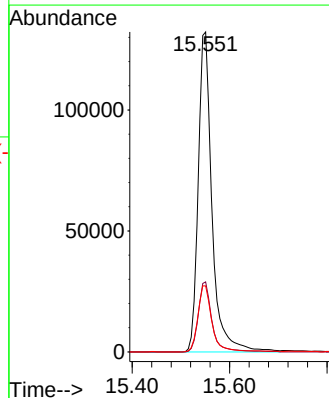
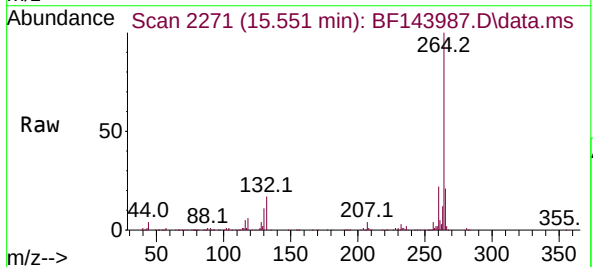
Instrument :
BNA_F
ClientSampleId :
PB170116TB

Tgt Ion:244 Resp: 1645637
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 7.4 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

Tgt Ion:264 Resp: 258607
Ion Ratio Lower Upper
264 100
260 21.9 17.8 26.8
265 20.7 17.5 26.3





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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: NYPA PURS Station
Client Sample ID: PURS Station
Lab Sample ID: Q3349-01
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 100 mL Final Vol: 10000 uL
Prep Method : SW3541 Prep Date: 10/17/25

Date Collected: 10/13/25
Date Received: 10/14/25
SDG No.: Q3349
Matrix: TCLP
% Solid: 0
Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	130	U	1	130	500	ug/L	10/17/25 18:43	PB170149
106-46-7	1,4-Dichlorobenzene	53.0	U	1	53.0	500	ug/L	10/17/25 18:43	PB170149
95-48-7	2-Methylphenol	110	U	1	110	500	ug/L	10/17/25 18:43	PB170149
65794-96-9	3+4-Methylphenols	110	U	1	110	1000	ug/L	10/17/25 18:43	PB170149
67-72-1	Hexachloroethane	65.0	U	1	65.0	500	ug/L	10/17/25 18:43	PB170149
98-95-3	Nitrobenzene	76.0	U	1	76.0	500	ug/L	10/17/25 18:43	PB170149
87-68-3	Hexachlorobutadiene	54.0	U	1	54.0	500	ug/L	10/17/25 18:43	PB170149
88-06-2	2,4,6-Trichlorophenol	51.0	U	1	51.0	500	ug/L	10/17/25 18:43	PB170149
95-95-4	2,4,5-Trichlorophenol	62.0	U	1	62.0	500	ug/L	10/17/25 18:43	PB170149
121-14-2	2,4-Dinitrotoluene	120	U	1	120	500	ug/L	10/17/25 18:43	PB170149
118-74-1	Hexachlorobenzene	52.0	U	1	52.0	500	ug/L	10/17/25 18:43	PB170149
87-86-5	Pentachlorophenol	160	U	1	160	1000	ug/L	10/17/25 18:43	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	176			23 - 138	117%	SPK: 150		
13127-88-3	Phenol-d6	170			10 - 134	114%	SPK: 150		
4165-60-0	Nitrobenzene-d5	119			67 - 132	119%	SPK: 100		
321-60-8	2-Fluorobiphenyl	133	*		52 - 132	133%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	134			44 - 137	89%	SPK: 150		
1718-51-0	Terphenyl-d14	131			42 - 152	131%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	87700							
1146-65-2	Naphthalene-d8	299000							
15067-26-2	Acenaphthene-d10	127000							
1517-22-2	Phenanthrene-d10	159000							
1719-03-5	Chrysene-d12	119000							
1520-96-3	Perylene-d12	176000							

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\BF101725\
Data File : BF143992.D
Acq On : 17 Oct 2025 18:43
Operator : RC/JU
Sample : Q3349-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PURS Station

Quant Time: Oct 20 11:12:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

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

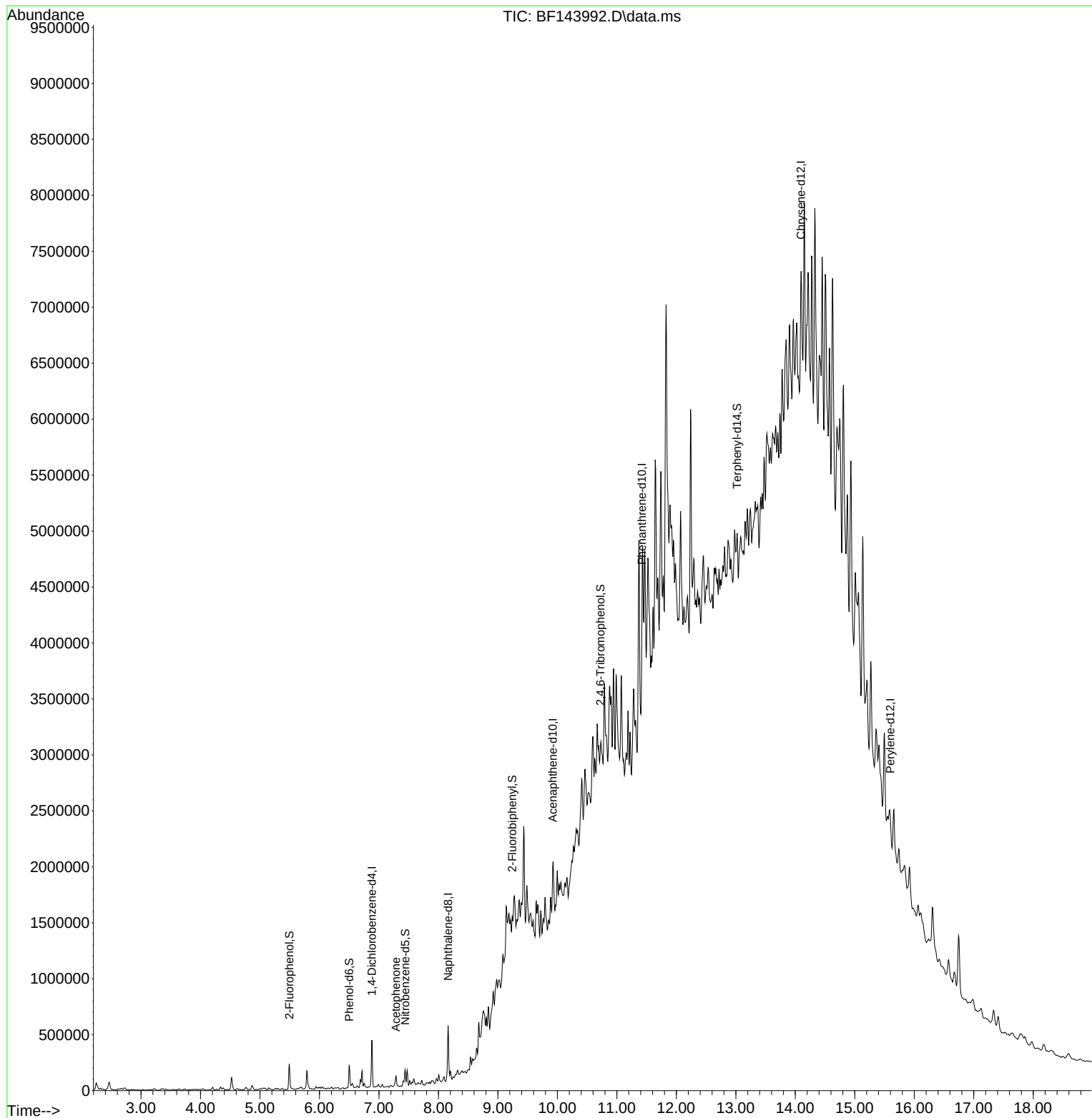
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	87692	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	299344	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	127355	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	159085	20.000	ng	0.00
76) Chrysene-d12	14.092	240	119082	20.000	ng	# 0.02
86) Perylene-d12	15.598	264	176056	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	97093	17.582	ng	0.00
7) Phenol-d6	6.498	99	112124	17.034	ng	-0.02
23) Nitrobenzene-d5	7.440	82	58666	11.907	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	16986	13.391	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	106480	13.267	ng	-0.01
79) Terphenyl-d14	13.022	244	91163	13.084	ng	0.01
Target Compounds						
22) Acetophenone	7.287	105	35141	5.552	ng	# 90

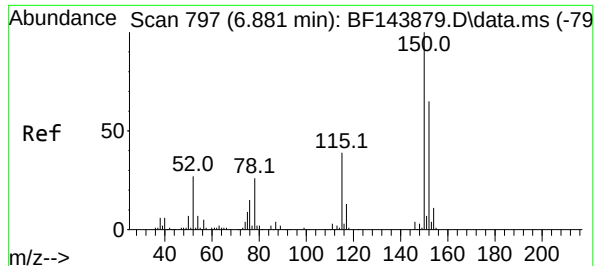
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143992.D
Acq On : 17 Oct 2025 18:43
Operator : RC/JU
Sample : Q3349-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PURS Station

Quant Time: Oct 20 11:12:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

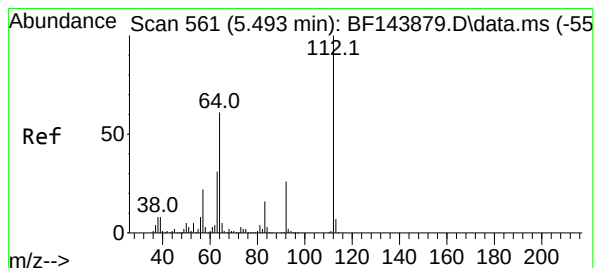
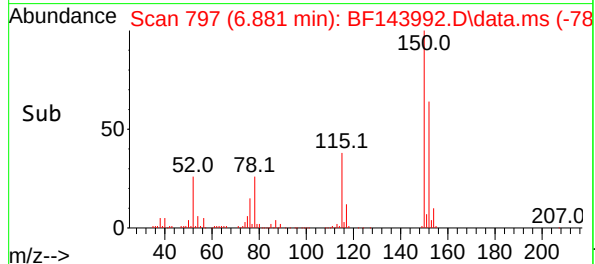
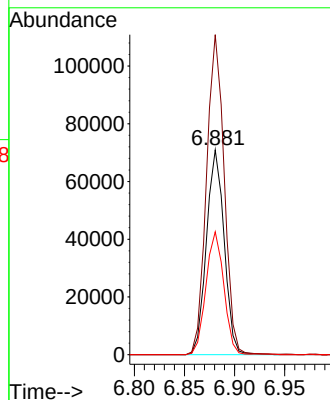
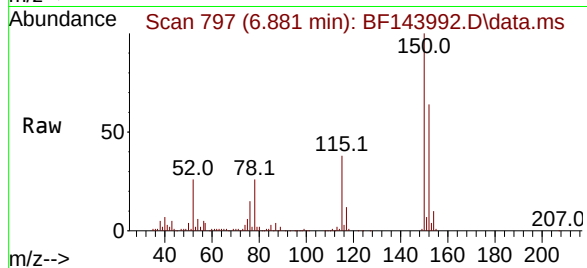




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143992.D
 Acq: 17 Oct 2025 18:43

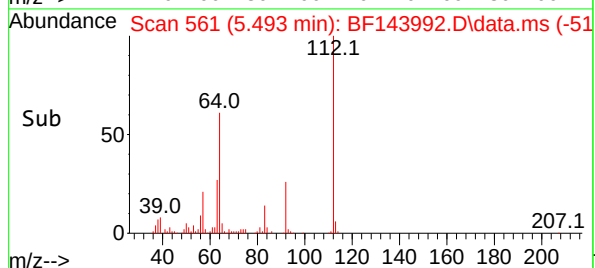
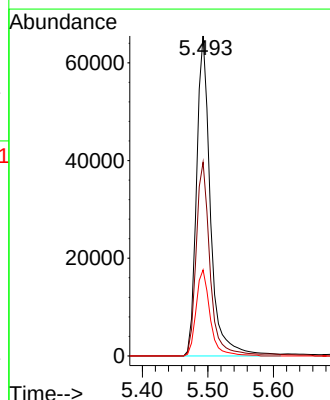
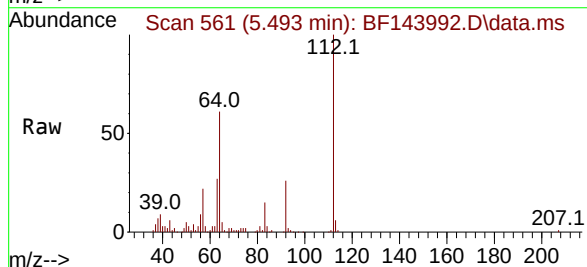
Instrument :
 BNA_F
 ClientSampleId :
 PURS Station

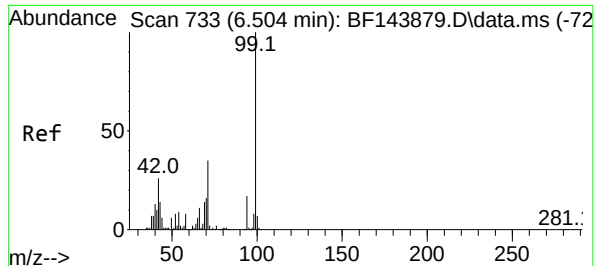
Tgt Ion:152 Resp: 87692
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.4 186.6
 115 60.0 48.1 72.1



#5
 2-Fluorophenol
 Concen: 17.582 ng
 RT: 5.493 min Scan# 561
 Delta R.T. -0.006 min
 Lab File: BF143992.D
 Acq: 17 Oct 2025 18:43

Tgt Ion:112 Resp: 97093
 Ion Ratio Lower Upper
 112 100
 64 60.6 49.1 73.7
 63 26.9 24.5 36.7

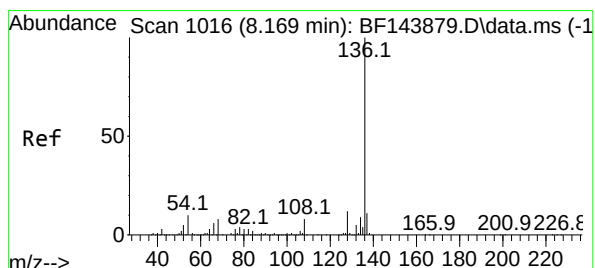
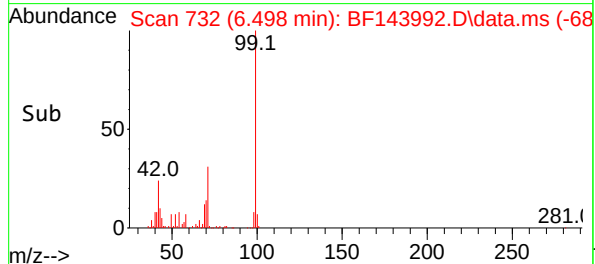
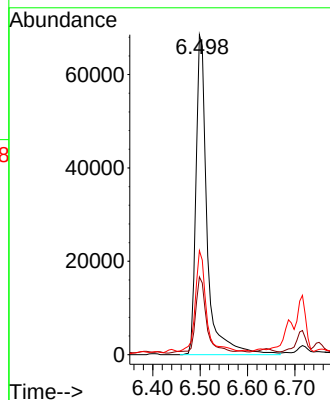
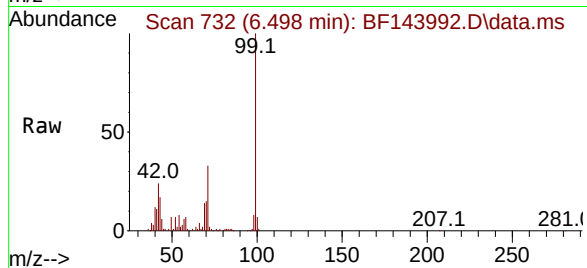




#7
Phenol-d6
Concen: 17.034 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

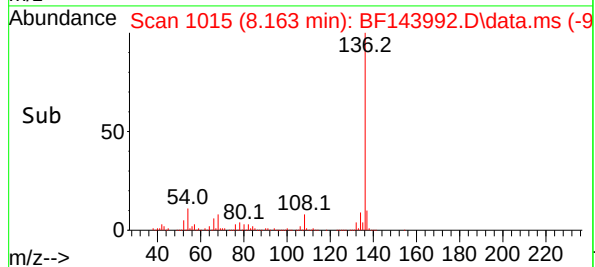
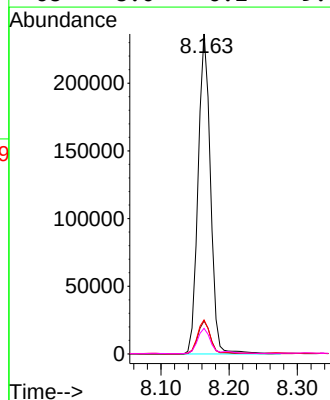
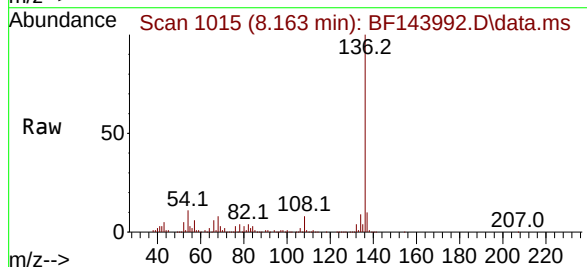
Instrument :
BNA_F
ClientSampleId :
PURS Station

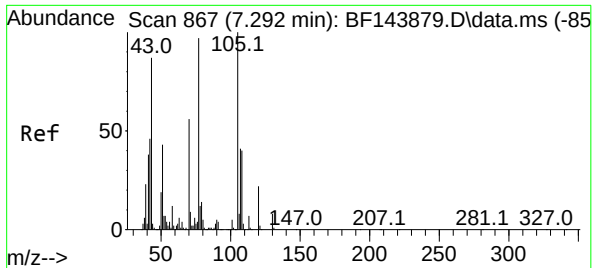
Tgt Ion: 99 Resp: 112124
Ion Ratio Lower Upper
99 100
42 24.3 21.0 31.4
71 32.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

Tgt Ion: 136 Resp: 299344
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 10.7 8.2 12.4
68 8.0 6.2 9.4





#22

Acetophenone

Concen: 5.552 ng

RT: 7.287 min Scan# 80

Delta R.T. -0.017 min

Lab File: BF143992.D

Acq: 17 Oct 2025 18:43

Instrument :

BNA_F

ClientSampleId :

PUS Station

Tgt Ion:105 Resp: 35141

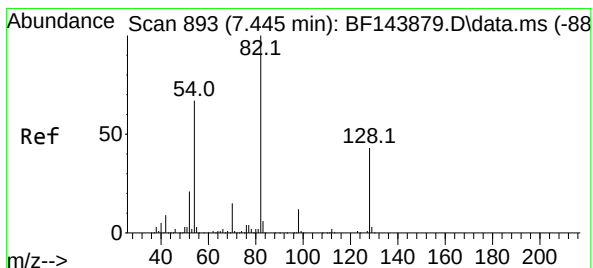
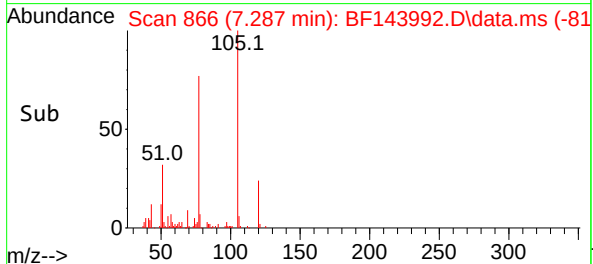
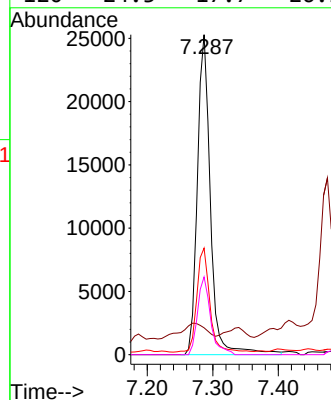
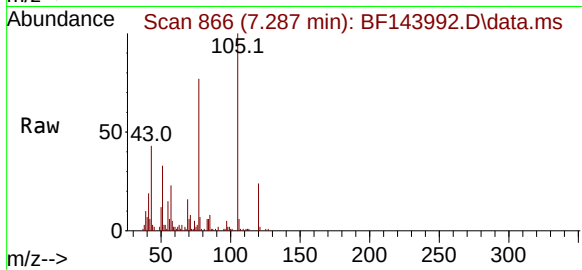
Ion Ratio Lower Upper

105 100

71 8.4 7.4 11.0

51 33.3 34.2 51.4#

120 24.3 17.7 26.5



#23

Nitrobenzene-d5

Concen: 11.907 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.017 min

Lab File: BF143992.D

Acq: 17 Oct 2025 18:43

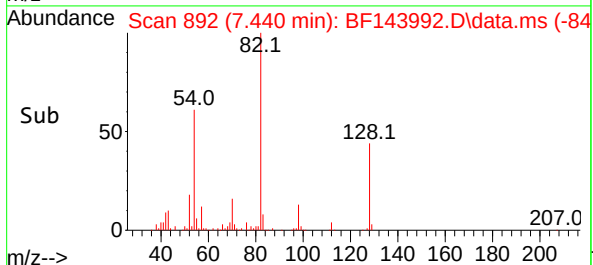
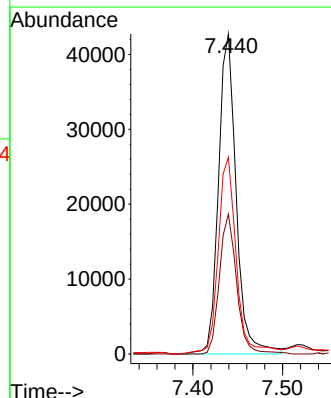
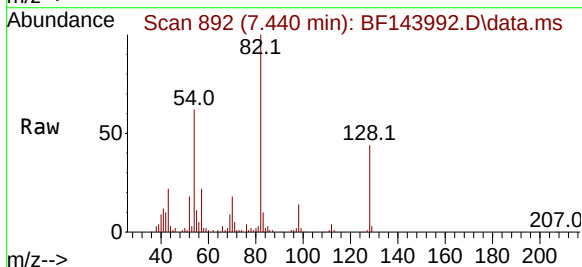
Tgt Ion: 82 Resp: 58666

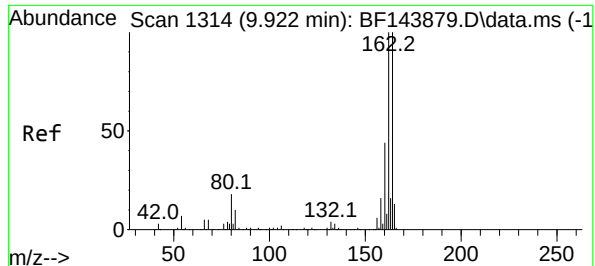
Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

54 61.5 53.2 79.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF143992.D

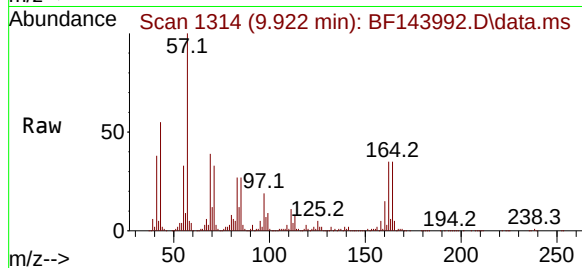
Acq: 17 Oct 2025 18:43

Instrument :

BNA_F

ClientSampleId :

PURS Station



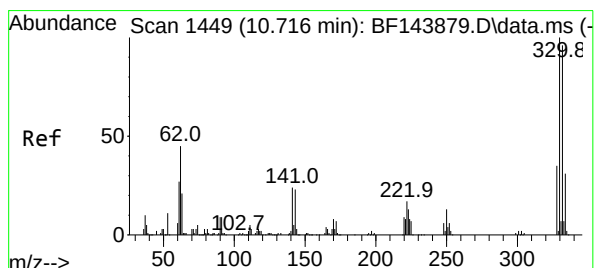
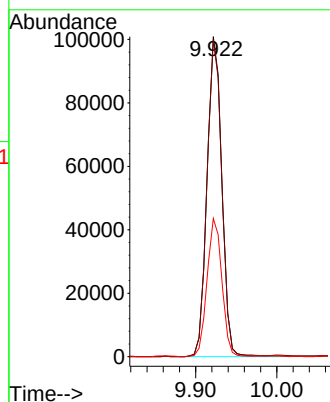
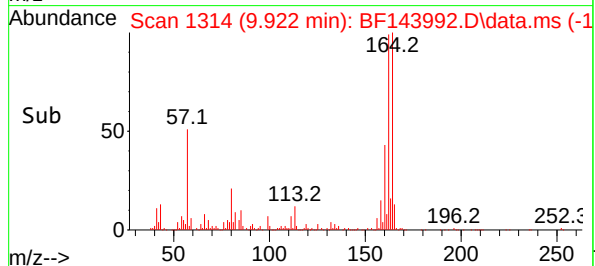
Tgt Ion:164 Resp: 127355

Ion Ratio Lower Upper

164 100

162 99.0 80.2 120.2

160 43.2 35.4 53.0



#42

2,4,6-Tribromophenol

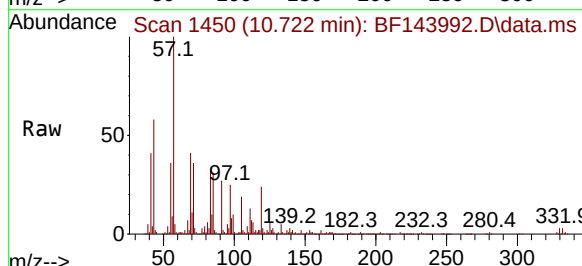
Concen: 13.391 ng

RT: 10.722 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF143992.D

Acq: 17 Oct 2025 18:43



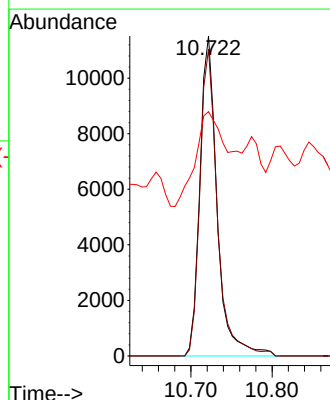
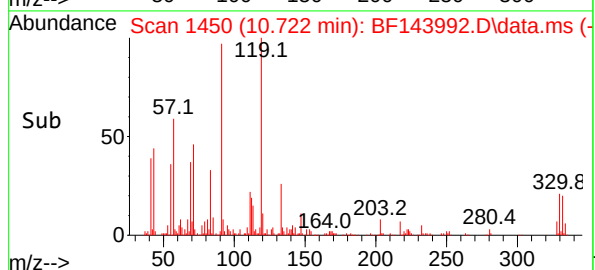
Tgt Ion:330 Resp: 16986

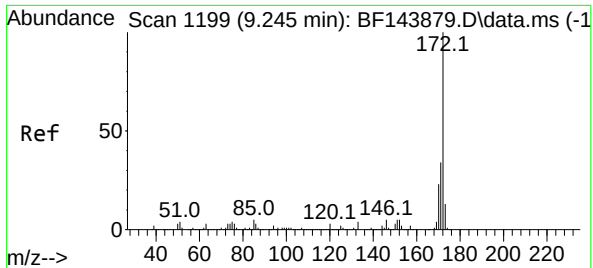
Ion Ratio Lower Upper

330 100

332 97.5 76.9 115.3

141 51.0 20.2 30.4#

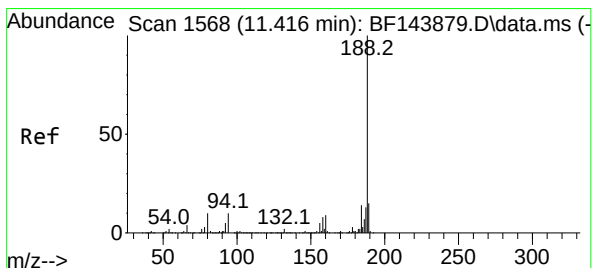
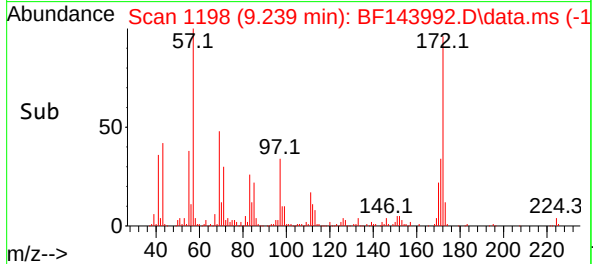
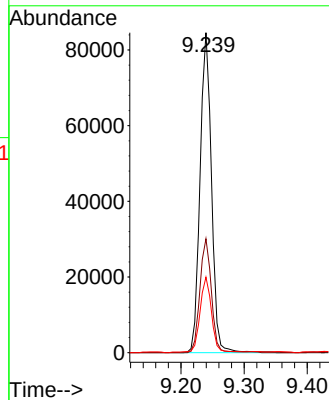
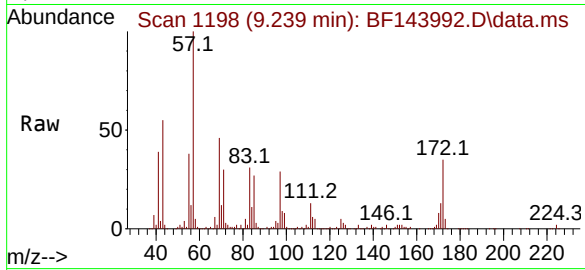




#45
2-Fluorobiphenyl
Concen: 13.267 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

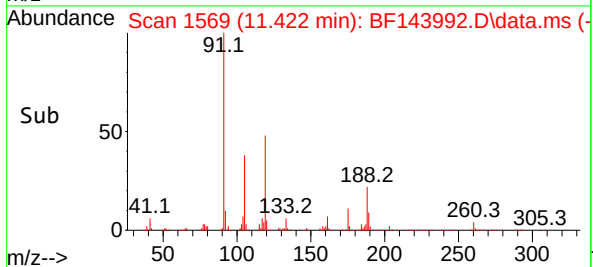
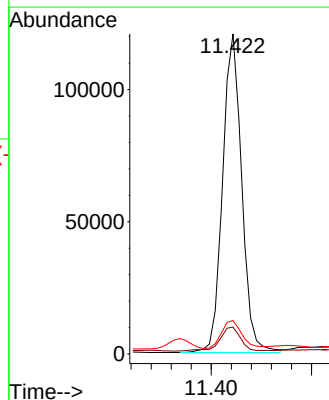
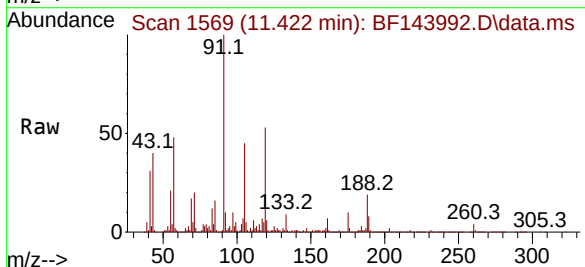
Instrument :
BNA_F
ClientSampleId :
PURS Station

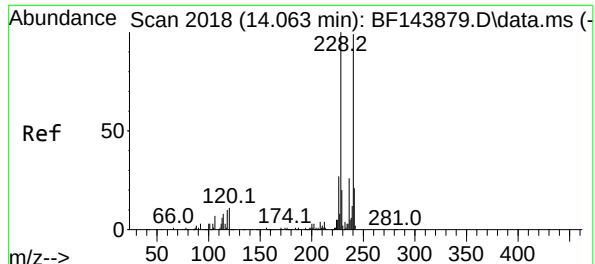
Tgt Ion:172 Resp: 106480
Ion Ratio Lower Upper
172 100
171 35.6 27.4 41.0
170 23.6 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.006 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

Tgt Ion:188 Resp: 159085
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 10.4 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF143992.D

Acq: 17 Oct 2025 18:43

Instrument :

BNA_F

ClientSampleId :

PURS Station

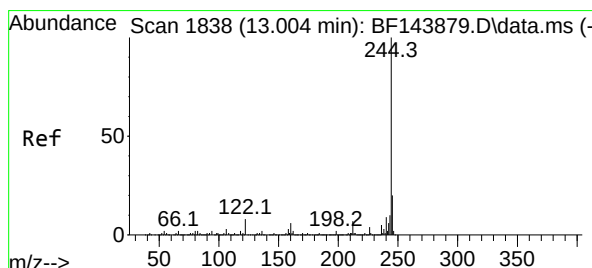
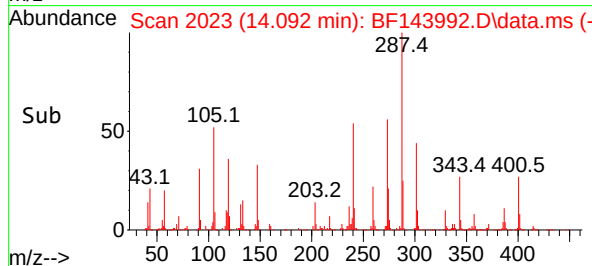
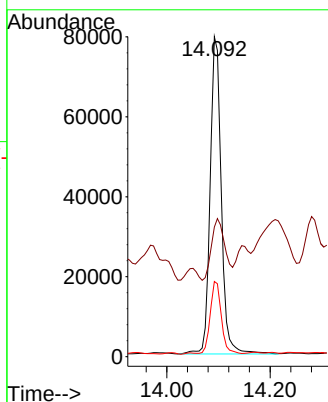
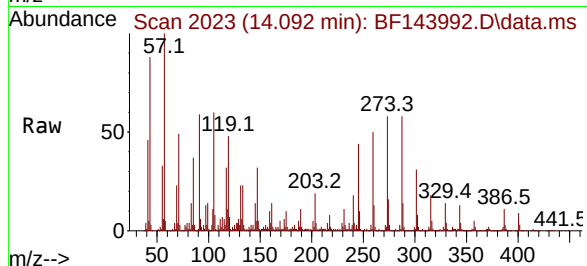
Tgt Ion:240 Resp: 119082

Ion Ratio Lower Upper

240 100

120 40.5 8.6 13.0#

236 23.5 21.1 31.7



#79

Terphenyl-d14

Concen: 13.084 ng

RT: 13.022 min Scan# 1841

Delta R.T. 0.012 min

Lab File: BF143992.D

Acq: 17 Oct 2025 18:43

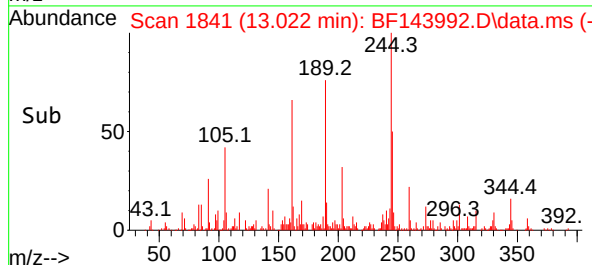
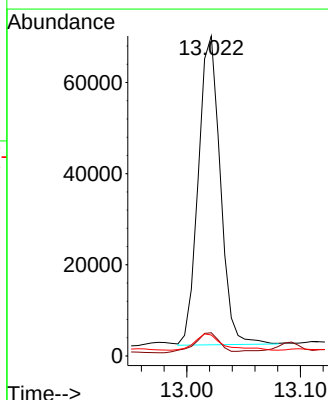
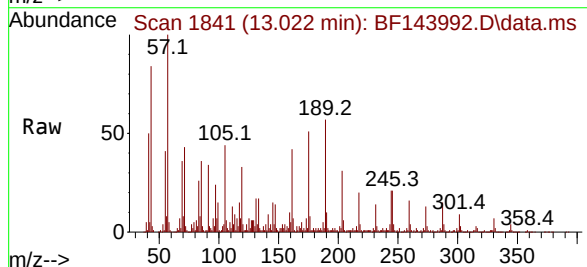
Tgt Ion:244 Resp: 91163

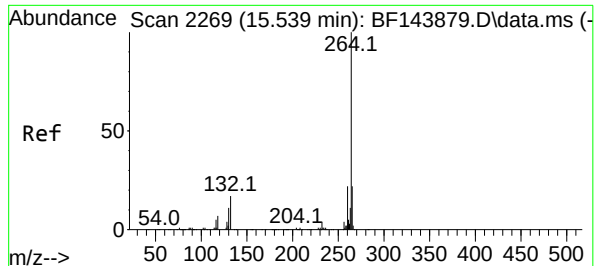
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

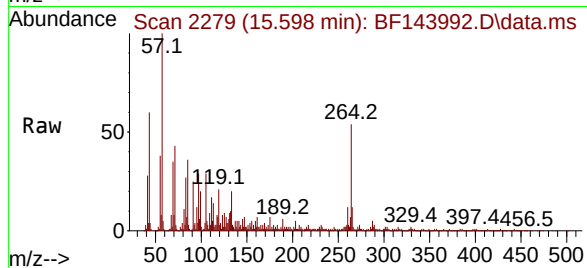
122 6.6 6.4 9.6



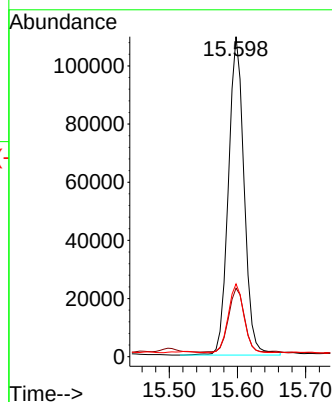
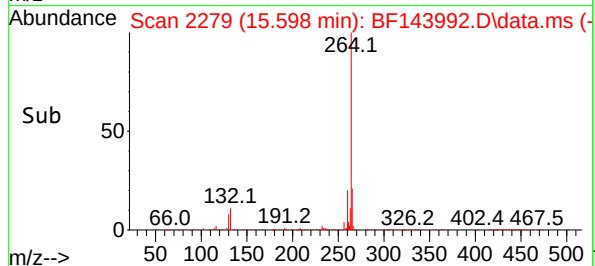


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

Instrument :
BNA_F
ClientSampleId :
PURS Station



Tgt Ion:264 Resp: 176056
Ion Ratio Lower Upper
264 100
260 21.4 17.8 26.8
265 22.7 17.5 26.3





CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: CORE02Lab Code: ACESDG No.: Q3349Instrument ID: BNA_FCalibration Date(s): 10/06/2025 10/06/2025Calibration Time(s): 09:59 14:22

LAB FILE ID:		RRF2.5 = BF143875.D		RRF005 = BF143876.D		RRF010 = BF143877.D		
		RRF020 = BF143878.D		RRF040 = BF143879.D		RRF050 = BF143880.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.691	1.672	1.749	1.772	1.668	1.697	2.7
2-Fluorophenol		1.378	1.349	1.352	1.307	1.173	1.259	9.1
Phenol-d6		1.626	1.631	1.601	1.542	1.404	1.501	8.6
1,4-Dichlorobenzene		1.653	1.606	1.567	1.499	1.326	1.454	11.9
2-Methylphenol		1.064	1.057	1.049	1.054	0.985	1.017	5.1
3+4-Methylphenols			1.401	1.342	1.266	1.068	1.179	15.6
Nitrobenzene-d5		0.325	0.333	0.347	0.345	0.323	0.329	4.2
Hexachloroethane		0.533	0.508	0.515	0.501	0.456	0.485	8.4
Nitrobenzene		0.369	0.349	0.389	0.391	0.352	0.366	5.3
Hexachlorobutadiene		0.231	0.214	0.210	0.207	0.183	0.201	10.1
2,4,6-Trichlorophenol		0.408	0.394	0.426	0.445	0.383	0.404	6.1
2-Fluorobiphenyl		1.568	1.424	1.335	1.224	0.984	1.260	18.0
2,4,5-Trichlorophenol		0.443	0.444	0.460	0.456	0.401	0.427	7.3
2,4-Dinitrotoluene		0.252	0.284	0.341	0.365	0.335	0.320	12.3
2,4,6-Tribromophenol		0.194	0.192	0.210	0.207	0.198	0.199	3.5
Hexachlorobenzene		0.277	0.268	0.263	0.267	0.242	0.256	6.6
Pentachlorophenol			0.117	0.152	0.157	0.154	0.147	10.1
Terphenyl-d14		1.301	1.209	1.271	1.279	1.066	1.170	10.7

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-BF100625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Oct 06 15:29:47 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF143875.D 5 =BF143876.D 10 =BF143877.D 20 =BF143878.D 40 =BF143879.D 50 =BF143880.D 60 =BF143881.D 80 =BF143882.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.614	0.595	0.597	0.609	0.544	0.576	0.544	0.583	4.96
3)	Pyridine		1.691	1.672	1.749	1.772	1.668	1.680	1.644	1.697	2.74
4)	n-Nitrosodimet...			0.825	0.895	0.909	0.917	0.909	0.900	0.893	3.81
5) S	2-Fluorophenol		1.378	1.349	1.352	1.307	1.173	1.177	1.079	1.259	9.15
6)	Aniline		2.400	2.327	2.361	2.343	2.185	2.134	1.997	2.250	6.58
7) S	Phenol-d6		1.626	1.631	1.601	1.542	1.404	1.387	1.317	1.501	8.62
8)	2-Chlorophenol		1.324	1.229	1.274	1.294	1.201	1.182	1.113	1.231	5.90
9)	Benzaldehyde			1.115	1.026	1.329	1.198	1.390	0.890	1.158	16.18
10) C	Phenol		1.934	1.814	1.889	1.841	1.756	1.739	1.589	1.795	6.33
11)	bis(2-Chloroet...		1.487	1.457	1.467	1.446	1.308	1.302	1.238	1.386	7.25
12)	1,3-Dichlorobe...		1.742	1.591	1.589	1.516	1.336	1.327	1.215	1.474	12.64
13) C	1,4-Dichlorobe...		1.653	1.606	1.567	1.499	1.326	1.340	1.185	1.454	11.88
14)	1,2-Dichlorobe...		1.581	1.507	1.501	1.434	1.283	1.288	1.153	1.392	11.06
15)	Benzyl Alcohol			1.118	1.138	1.173	1.134	1.104	1.082	1.125	2.79
16)	2,2'-oxybis(1-...		3.520	3.385	3.273	3.239	3.008	2.945	2.720	3.156	8.79
17)	2-Methylphenol		1.064	1.057	1.049	1.054	0.985	0.986	0.927	1.017	5.10
18)	Hexachloroethane		0.533	0.508	0.515	0.501	0.456	0.464	0.417	0.485	8.39
19) P	n-Nitroso-di-n...	1.052	1.135	1.134	1.054	1.026	0.970	0.938	0.912	1.028	8.13
20)	3+4-Methylphenols			1.401	1.342	1.266	1.067	1.068	0.933	1.179	15.58
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.515	0.461	0.462	0.433	0.374	0.375	0.340	0.423	14.67
23) S	Nitrobenzene-d5		0.325	0.333	0.347	0.345	0.323	0.325	0.307	0.329	4.19
24)	Nitrobenzene		0.369	0.349	0.389	0.391	0.352	0.365	0.342	0.366	5.26
25)	Isophorone		0.754	0.708	0.708	0.705	0.665	0.663	0.656	0.694	5.04
26) C	2-Nitrophenol		0.121	0.133	0.163	0.174	0.167	0.173	0.166	0.157	13.39
27)	2,4-Dimethylph...		0.287	0.288	0.292	0.295	0.271	0.278	0.264	0.282	4.08
28)	bis(2-Chloroet...		0.510	0.474	0.463	0.444	0.398	0.401	0.380	0.438	10.79
29) C	2,4-Dichloroph...		0.317	0.292	0.313	0.307	0.280	0.282	0.265	0.294	6.54
30)	1,2,4-Trichlor...		0.331	0.299	0.307	0.298	0.266	0.272	0.249	0.289	9.57
31)	Naphthalene		1.103	0.996	0.972	0.932	0.817	0.817	0.732	0.910	14.06
32)	Benzoic acid			0.131	0.173	0.200	0.216	0.222	0.228	0.195	18.95
33)	4-Chloroaniline		0.368	0.370	0.357	0.355	0.319	0.321	0.298	0.341	8.20
34) C	Hexachlorobuta...		0.231	0.214	0.210	0.207	0.183	0.187	0.173	0.201	10.11
35)	Caprolactam			0.092	0.091	0.095	0.094	0.093	0.094	0.093	1.59
36) C	4-Chloro-3-met...		0.301	0.302	0.289	0.287	0.269	0.270	0.256	0.282	6.27
37)	2-Methylnaphth...		0.742	0.683	0.654	0.616	0.527	0.533	0.487	0.606	15.46
38)	1-Methylnaphth...		0.719	0.656	0.629	0.605	0.517	0.523	0.465	0.588	15.23

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF100625.M

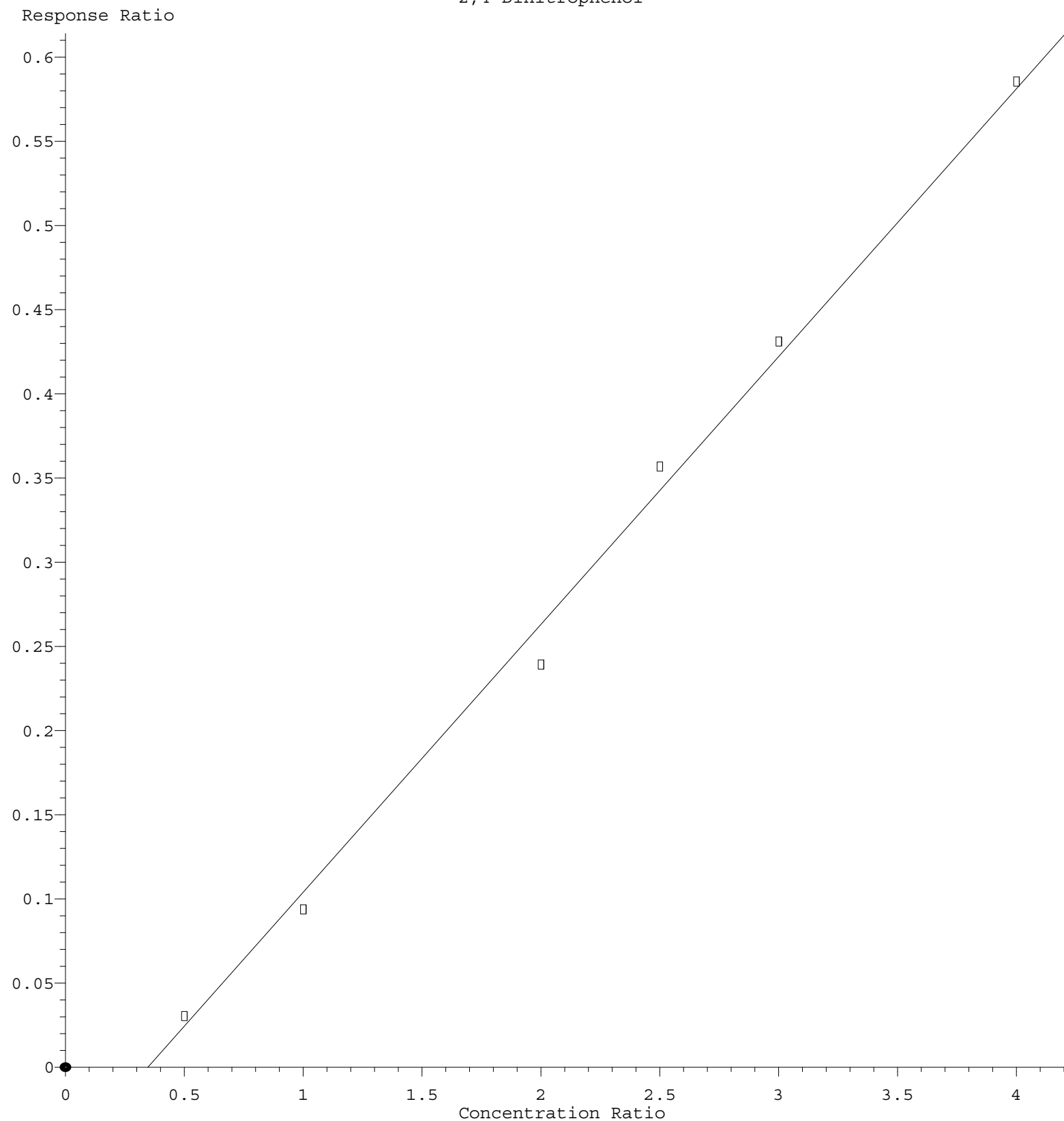
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.610	0.592	0.595	0.590	0.500	0.519	0.464	0.553	10.38	
41) P	Hexachlorocycl...	0.182	0.216	0.257	0.246	0.240	0.235	0.229		11.77	
42) S	2,4,6-Tribromo...	0.194	0.192	0.210	0.207	0.198	0.200	0.193	0.199	3.51	
43) C	2,4,6-Trichlor...	0.408	0.394	0.426	0.445	0.383	0.395	0.376	0.404	6.07	
44)	2,4,5-Trichlor...	0.443	0.444	0.460	0.456	0.401	0.403	0.380	0.427	7.34	
45) S	2-Fluorobiphenyl	1.568	1.424	1.335	1.224	0.984	1.028		1.260	18.04	
46)	1,1'-Biphenyl	1.617	1.476	1.448	1.374	1.134	1.171	1.050	1.324	15.77	
47)	2-Chloronaphth...	1.294	1.196	1.197	1.137	0.988	1.003	0.913	1.104	12.50	
48)	2-Nitroaniline	0.293	0.322	0.371	0.392	0.354	0.365	0.348	0.349	9.43	
49)	Acenaphthylene	1.797	1.701	1.648	1.623	1.386	1.426	1.284	1.552	12.11	
50)	Dimethylphthalate	1.442	1.351	1.334	1.291	1.166	1.202	1.105	1.270	9.29	
51)	2,6-Dinitrotol...	0.201	0.204	0.245	0.262	0.250	0.250	0.237	0.236	10.13	
52) C	Acenaphthene	1.177	1.115	1.096	1.052	0.897	0.934	0.847	1.017	12.21	
53)	3-Nitroaniline	0.256	0.270	0.306	0.306	0.296	0.298	0.286	0.288	6.59	
54) P	2,4-Dinitrophenol	0.061	0.094	0.120	0.143	0.144	0.146	0.118		29.25	
55)	Dibenzofuran	1.680	1.608	1.572	1.494	1.253	1.295	1.149	1.436	14.13	
56) P	4-Nitrophenol	0.173	0.215	0.234	0.230	0.228	0.230	0.218		10.55	
57)	2,4-Dinitrotol...	0.252	0.284	0.341	0.365	0.335	0.346	0.320	0.320	12.30	
58)	Fluorene	1.393	1.266	1.173	1.097	0.897	0.922	0.835	1.083	19.21	
59)	2,3,4,6-Tetrac...	0.276	0.303	0.315	0.325	0.300	0.309	0.288	0.302	5.49	
60)	Diethylphthalate	1.319	1.281	1.273	1.222	1.070	1.105	0.989	1.180	10.62	
61)	4-Chlorophenyl...	0.689	0.662	0.626	0.596	0.485	0.505	0.446	0.573	16.43	
62)	4-Nitroaniline	0.257	0.259	0.285	0.292	0.287	0.288	0.274	0.277	5.25	
63)	Azobenzene	1.387	1.331	1.308	1.280	1.114	1.156	1.055	1.233	10.10	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.065	0.092	0.111	0.112	0.114	0.110	0.101		19.26	
66) c	n-Nitrosodiphe...	0.712	0.683	0.675	0.656	0.560	0.584	0.527	0.628	11.22	
67)	4-Bromophenyl-...	0.247	0.234	0.231	0.231	0.201	0.207	0.196	0.221	8.74	
68)	Hexachlorobenzene	0.277	0.268	0.263	0.267	0.242	0.245	0.231	0.256	6.59	
69)	Atrazine	0.197	0.206	0.213	0.195	0.184	0.177	0.161	0.190	9.44	
70) C	Pentachlorophenol	0.117	0.152	0.157	0.154	0.154	0.147	0.147		10.10	
71)	Phenanthrene	1.164	1.092	1.066	0.976	0.842	0.872	0.775	0.970	14.94	
72)	Anthracene	1.161	1.097	1.057	1.025	0.854	0.881	0.781	0.980	14.43	
73)	Carbazole	1.015	0.962	0.939	0.884	0.766	0.804	0.703	0.868	13.10	
74)	Di-n-butylphth...	1.089	1.094	1.108	1.053	0.910	0.954	0.830	1.005	10.76	
75) C	Fluoranthene	1.156	1.153	1.094	1.032	0.876	0.910	0.789	1.002	14.43	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.701	0.719	0.761	0.651	0.640		0.694		7.16	
78)	Pyrene	1.838	1.663	1.769	1.863	1.541	1.578	1.420	1.667	9.87	
79) S	Terphenyl-d14	1.301	1.209	1.271	1.279	1.066	1.080	0.984	1.170	10.70	
80)	Butylbenzylpht...	0.466	0.503	0.579	0.620	0.545	0.553	0.524	0.542	9.31	
81)	Benzo(a)anthra...	1.342	1.347	1.354	1.398	1.232	1.291	1.198	1.309	5.49	
82)	3,3'-Dichlorob...	0.364	0.403	0.440	0.401	0.404	0.381	0.399		6.41	
83)	Chrysene	1.373	1.188	1.267	1.294	1.116	1.126	1.115	1.211	8.41	
84)	Bis(2-ethylhex...	0.591	0.619	0.687	0.739	0.642	0.672	0.619	0.653	7.70	
85) c	Di-n-octyl pht...	0.837	1.009	1.194	1.108	1.151	1.133	1.072		12.19	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.114	1.104	1.222	1.393	1.235	1.263	1.248	1.225	7.97	
88)	Benzo(b)fluora...	1.207	1.138	1.131	1.269	1.095	1.202	1.000	1.149	7.63	
89)	Benzo(k)fluora...	1.138	1.173	1.228	1.108	0.923	0.921	0.951	1.063	12.11	
90) C	Benzo(a)pyrene	1.000	1.006	1.037	1.102	0.936	0.970	0.923	0.996	6.17	
91)	Dibenzo(a,h)an...	0.888	0.915	1.015	1.128	0.975	1.007	0.972	0.986	7.89	
92)	Benzo(g,h,i)pe...	0.889	0.888	0.983	1.117	0.991	1.018	1.014	0.986	8.08	

(#) = Out of Range

2,4-Dinitrophenol



Response = 1.591e-001 * Amt - 5.521e-002
 Coef of Det (r^2) = 0.995474 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF100625.M
 Calibration Table Last Updated: Mon Oct 06 15:29:47 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143875.D
Acq On : 06 Oct 2025 09:59
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 06 15:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

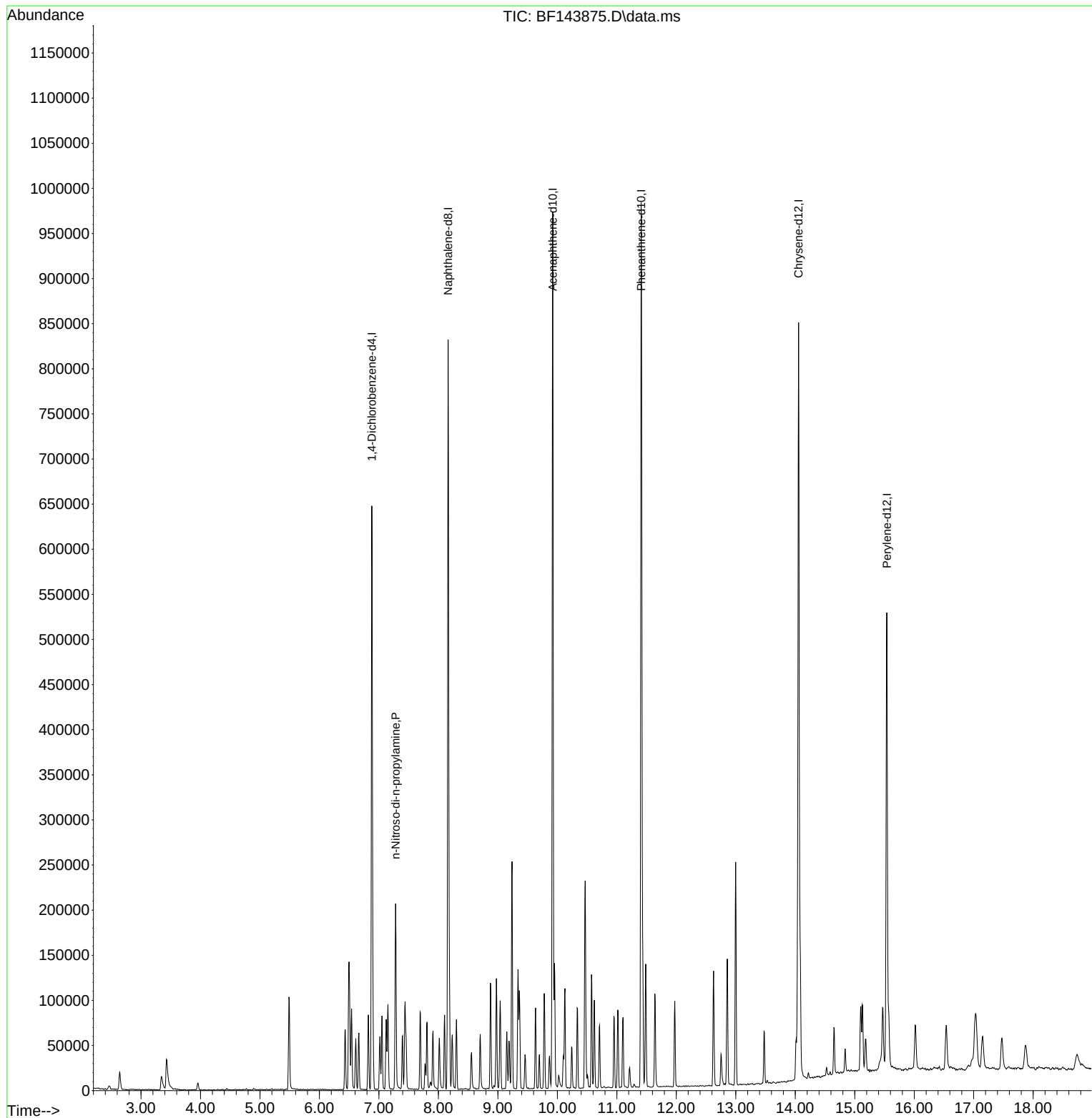
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	128129	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	501174	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	285618	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	520523	20.000	ng	0.00
76) Chrysene-d12	14.057	240	373433	20.000	ng	-0.01
86) Perylene-d12	15.539	264	316147	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...	7.281	70	16847	2.559	ng	Qvalue 98

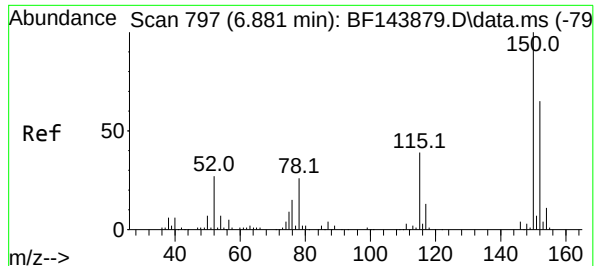
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143875.D
Acq On : 06 Oct 2025 09:59
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

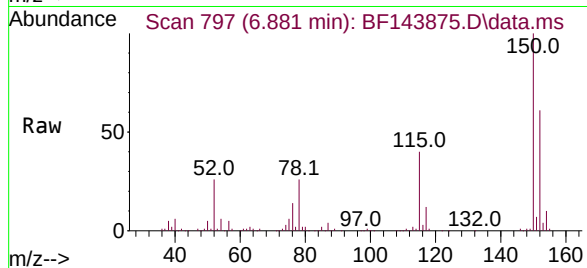
Quant Time: Oct 06 15:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



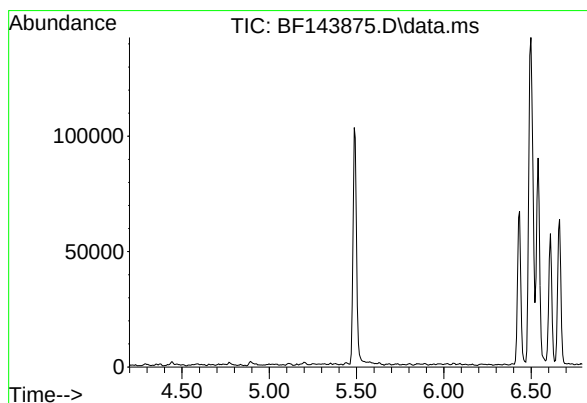
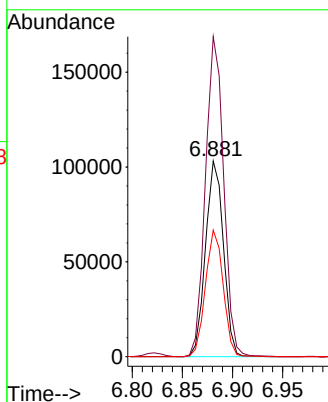
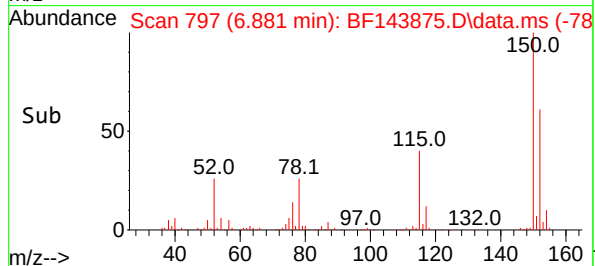


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



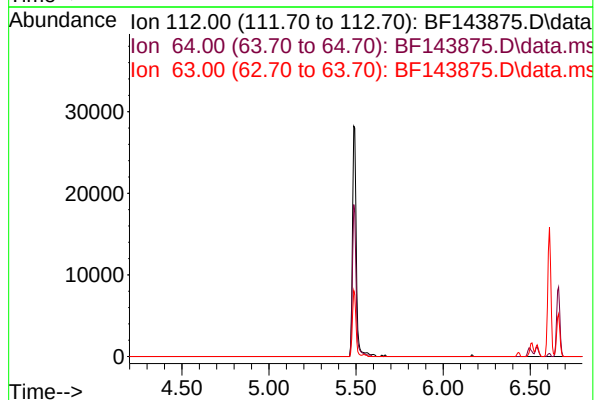
Tgt Ion:152 Resp: 128129
Ion Ratio Lower Upper
152 100
150 163.6 124.4 186.6
115 64.7 48.1 72.1

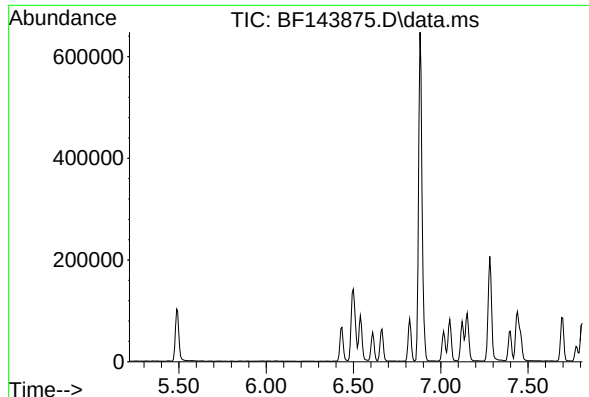


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min

Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Tgt Ion: 112
Sig Exp Ratio
112 100
64 61.4
63 30.6

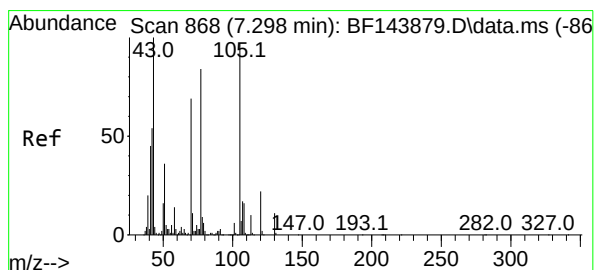
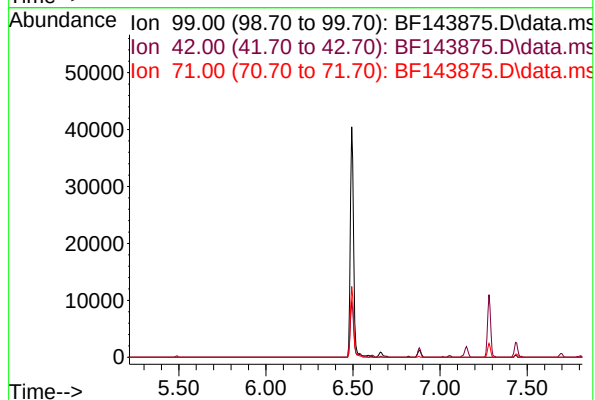




#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.52 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

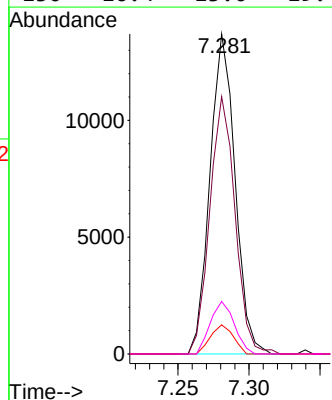
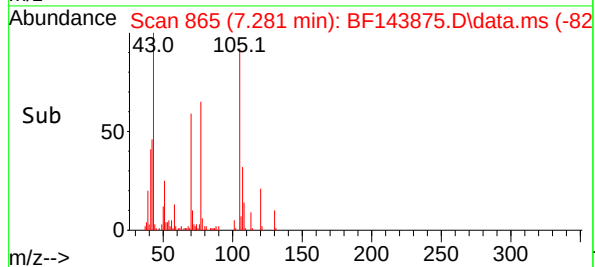
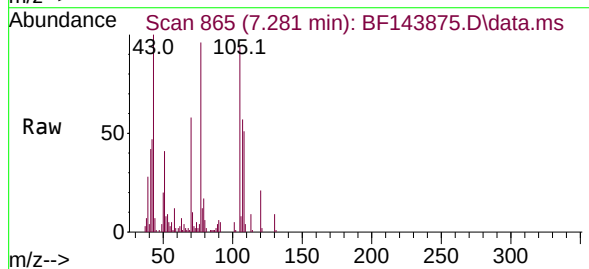
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

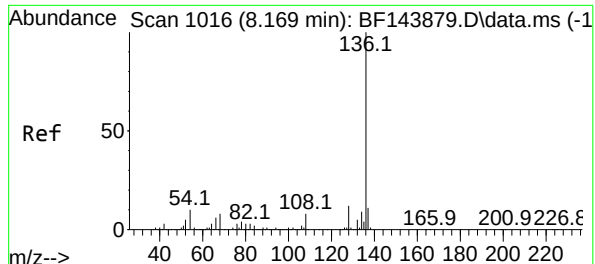
Tgt Ion: 99
Sig Exp Ratio
99 100
42 26.2
71 34.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.559 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.035 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Tgt Ion: 70 Resp: 16847
Ion Ratio Lower Upper
70 100
42 80.4 62.8 94.2
101 9.1 6.7 10.1
130 16.4 13.0 19.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143875.D

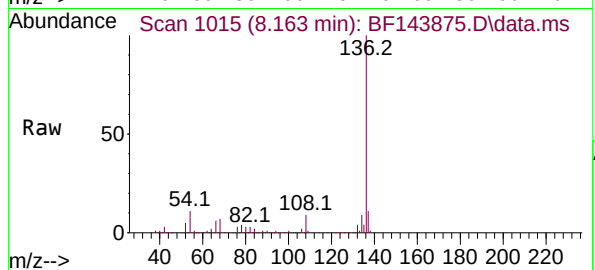
Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 501174

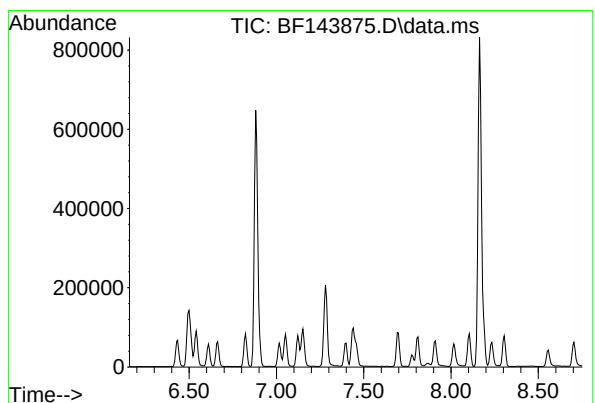
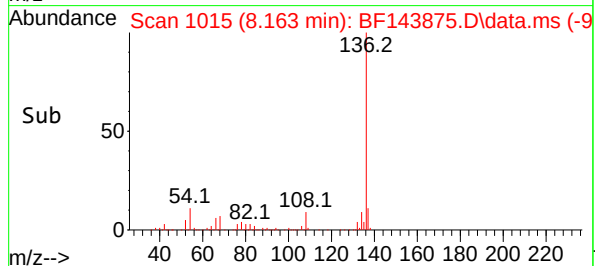
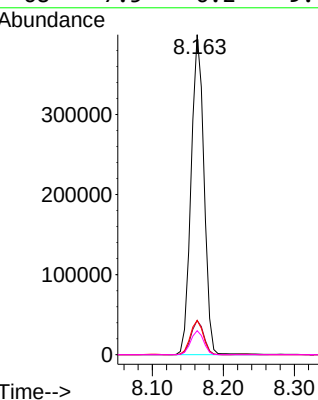
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.7 8.2 12.4

68 7.5 6.2 9.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.46 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

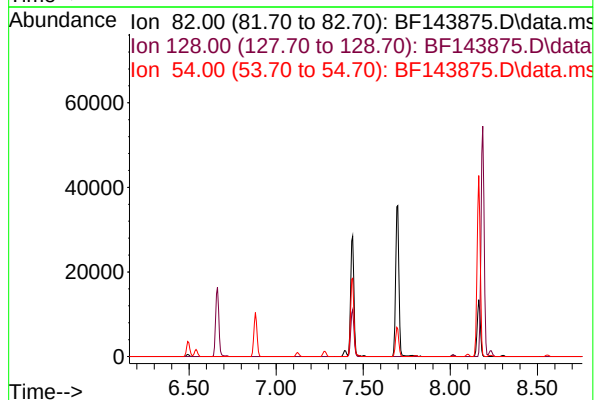
Tgt Ion: 82

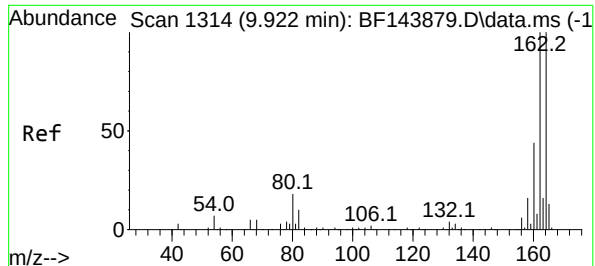
Sig Exp Ratio

82 100

128 42.5

54 66.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143875.D

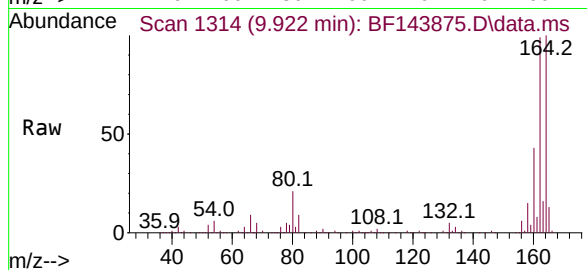
Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



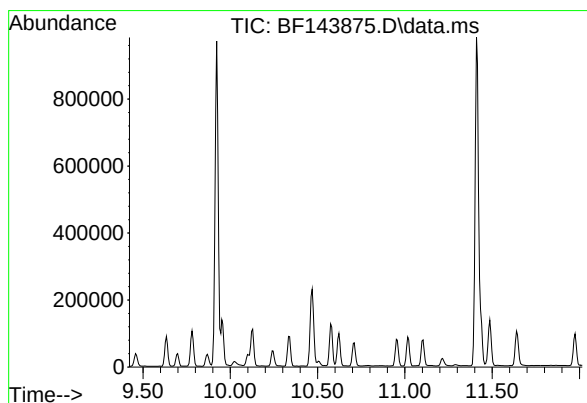
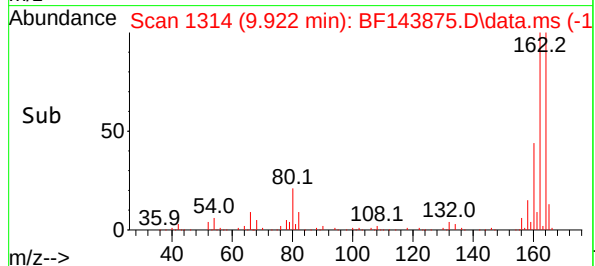
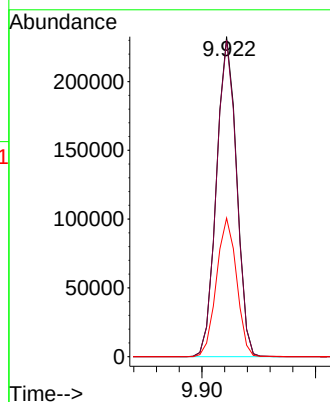
Tgt Ion:164 Resp: 285618

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.2

160 43.3 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

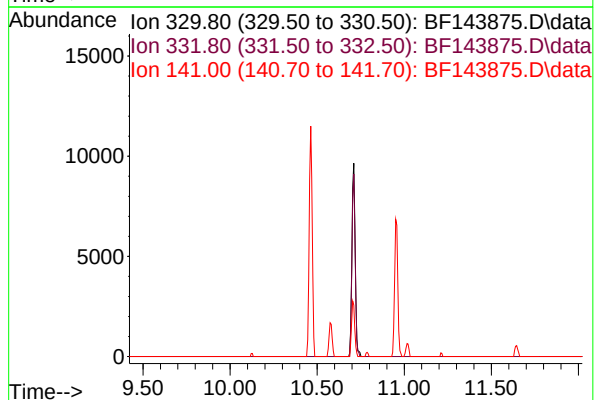
Tgt Ion: 330

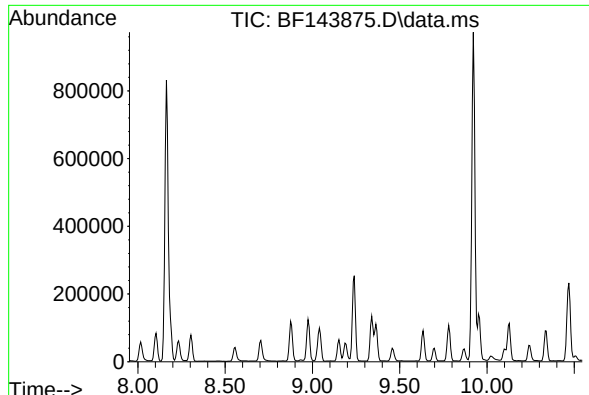
Sig Exp Ratio

330 100

332 96.1

141 25.3





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.25 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

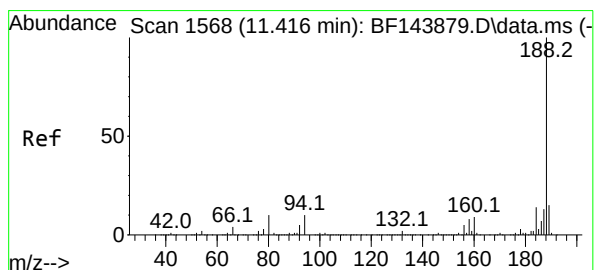
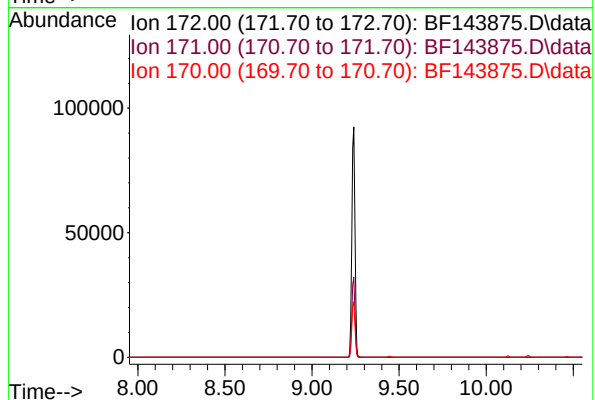
Tgt Ion: 172

Sig Exp Ratio

172 100

171 34.2

170 23.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

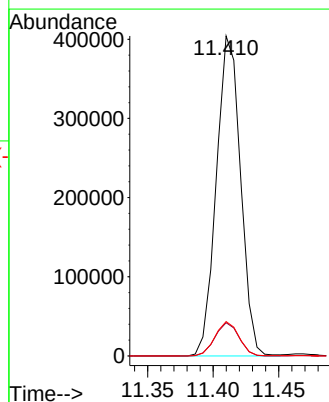
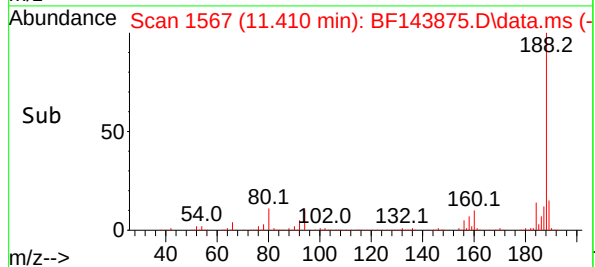
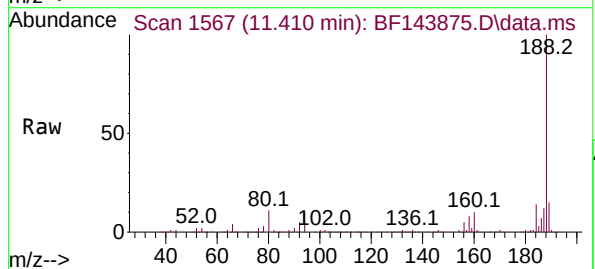
Tgt Ion:188 Resp: 520523

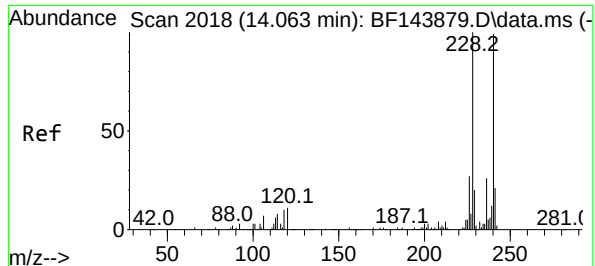
Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

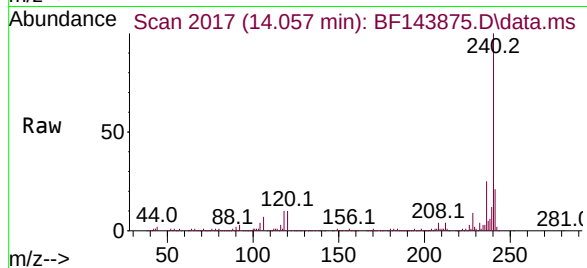
80 10.7 7.9 11.9



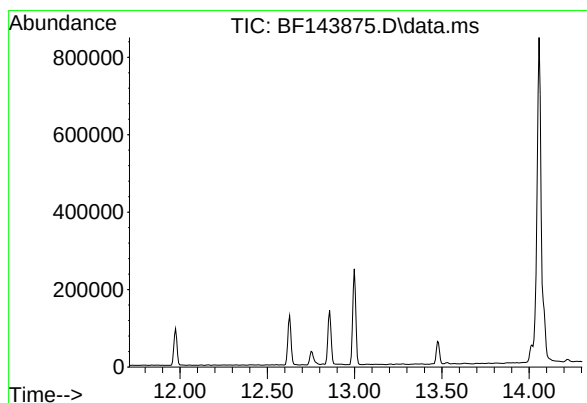
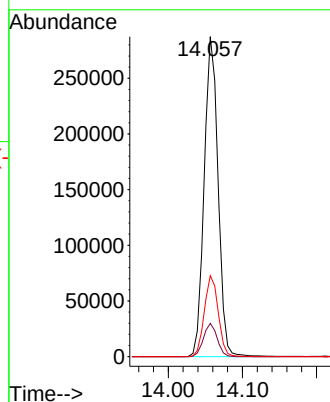
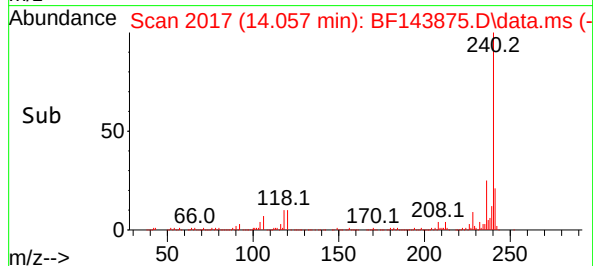


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



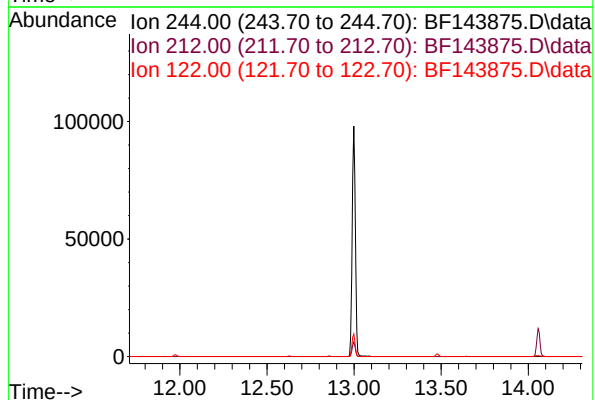
Tgt Ion:240 Resp: 373433
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 25.3 21.1 31.7



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.01 min

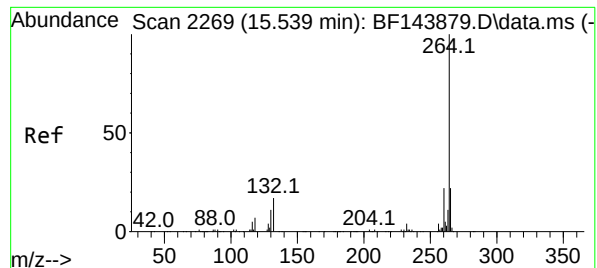
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.7
122 8.0



Ion 212.00 (211.70 to 212.70): BF143875.D\data

Ion 122.00 (121.70 to 122.70): BF143875.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143875.D

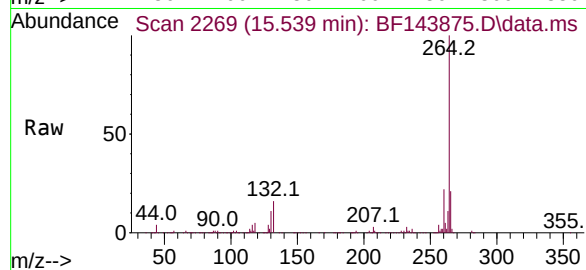
Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



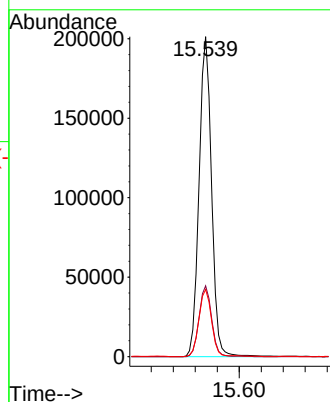
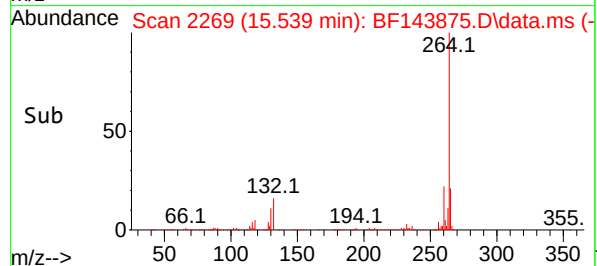
Tgt Ion:264 Resp: 316147

Ion Ratio Lower Upper

264 100

260 22.1 17.8 26.8

265 21.0 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143876.D
 Acq On : 06 Oct 2025 10:28
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:14:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	137596	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	524114	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	303230	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	538298	20.000	ng	0.00
76) Chrysene-d12	14.057	240	379937	20.000	ng	-0.01
86) Perylene-d12	15.539	264	317181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	94810	10.942	ng	-0.01
7) Phenol-d6	6.493	99	111877	10.832	ng	-0.02
23) Nitrobenzene-d5	7.440	82	85080	9.862	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	29360	9.721	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	237689	12.438	ng	-0.01
79) Terphenyl-d14	12.998	244	247223	11.121	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	21110	5.265	ng	96
3) Pyridine	3.422	79	58179	4.984	ng	96
6) Aniline	6.540	93	82563	5.335	ng	99
8) 2-Chlorophenol	6.663	128	45534	5.376	ng	96
10) Phenol	6.510	94	66523m	5.388	ng	
11) bis(2-Chloroethyl)ether	6.610	93	51163	5.364	ng	98
12) 1,3-Dichlorobenzene	6.822	146	59929	5.911	ng	96
13) 1,4-Dichlorobenzene	6.898	146	56869	5.686	ng	98
14) 1,2-Dichlorobenzene	7.051	146	54371	5.676	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	121082	5.577	ng	99
17) 2-Methylphenol	7.122	107	36595	5.228	ng	97
18) Hexachloroethane	7.398	117	18346	5.501	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	39050	5.524	ng	98
22) Acetophenone	7.287	105	67515	6.092	ng	95
24) Nitrobenzene	7.457	77	48413	5.054	ng	96
25) Isophorone	7.692	82	98761	5.429	ng	100
26) 2-Nitrophenol	7.775	139	15870	3.864	ng	93
27) 2,4-Dimethylphenol	7.810	122	37645	5.095	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	66779	5.812	ng	99
29) 2,4-Dichlorophenol	8.016	162	41484	5.390	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	43309	5.722	ng	100
31) Naphthalene	8.187	128	144561	6.063	ng	100
33) 4-Chloroaniline	8.234	127	48181	5.388	ng	97
34) Hexachlorobutadiene	8.304	225	30246	5.751	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	39500	5.343	ng	99
37) 2-Methylnaphthalene	8.875	142	97227	6.122	ng	100
38) 1-Methylnaphthalene	8.975	142	94190	6.114	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	46252	5.519	ng	93
43) 2,4,6-Trichlorophenol	9.151	196	30908	5.047	ng	98
44) 2,4,5-Trichlorophenol	9.187	196	33613	5.194	ng	94
46) 1,1'-Biphenyl	9.339	154	122568	6.105	ng	100
47) 2-Chloronaphthalene	9.363	162	98102	5.861	ng	98
48) 2-Nitroaniline	9.457	65	22188	4.193	ng	98
49) Acenaphthylene	9.781	152	136204	5.788	ng	98
50) Dimethylphthalate	9.634	163	109323	5.677	ng	98
51) 2,6-Dinitrotoluene	9.698	165	15228	4.265	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143876.D
 Acq On : 06 Oct 2025 10:28
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:14:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.951	154	89242	5.787	ng	98
53) 3-Nitroaniline	9.869	138	19400	4.437	ng #	97
55) Dibenzofuran	10.128	168	127374	5.852	ng	99
57) 2,4-Dinitrotoluene	10.098	165	19103	3.932	ng #	97
58) Fluorene	10.469	166	105607	6.430	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	20888	4.560	ng #	96
60) Diethylphthalate	10.339	149	100010	5.590	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	52199	6.011	ng	95
62) 4-Nitroaniline	10.475	138	19447	4.625	ng	95
63) Azobenzene	10.622	77	105174	5.625	ng	98
66) n-Nitrosodiphenylamine	10.575	169	95847	5.671	ng	96
67) 4-Bromophenyl-phenylether	10.957	248	33236	5.587	ng	95
68) Hexachlorobenzene	11.016	284	37233	5.406	ng	97
69) Atrazine	11.104	200	26507	5.174	ng	93
71) Phenanthrene	11.433	178	156676	6.004	ng	99
72) Anthracene	11.486	178	156289	5.928	ng	99
73) Carbazole	11.639	167	136597	5.850	ng	97
74) Di-n-butylphthalate	11.975	149	146596	5.417	ng	98
75) Fluoranthene	12.627	202	155574	5.771	ng	98
78) Pyrene	12.857	202	174542	5.510	ng	99
80) Butylbenzylphthalate	13.474	149	44252	4.302	ng	99
81) Benzo(a)anthracene	14.045	228	127434	5.125	ng	98
83) Chrysene	14.080	228	130450	5.669	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	56165	4.529	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	88321	4.544	ng	95
88) Benzo(b)fluoranthene	15.098	252	95737	5.255	ng	100
89) Benzo(k)fluoranthene	15.127	252	90226	5.352	ng	99
90) Benzo(a)pyrene	15.474	252	79275	5.018	ng #	96
91) Dibenzo(a,h)anthracene	17.045	278	70452	4.507	ng	97
92) Benzo(g,h,i)perylene	17.474	276	70468	4.508	ng	96

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

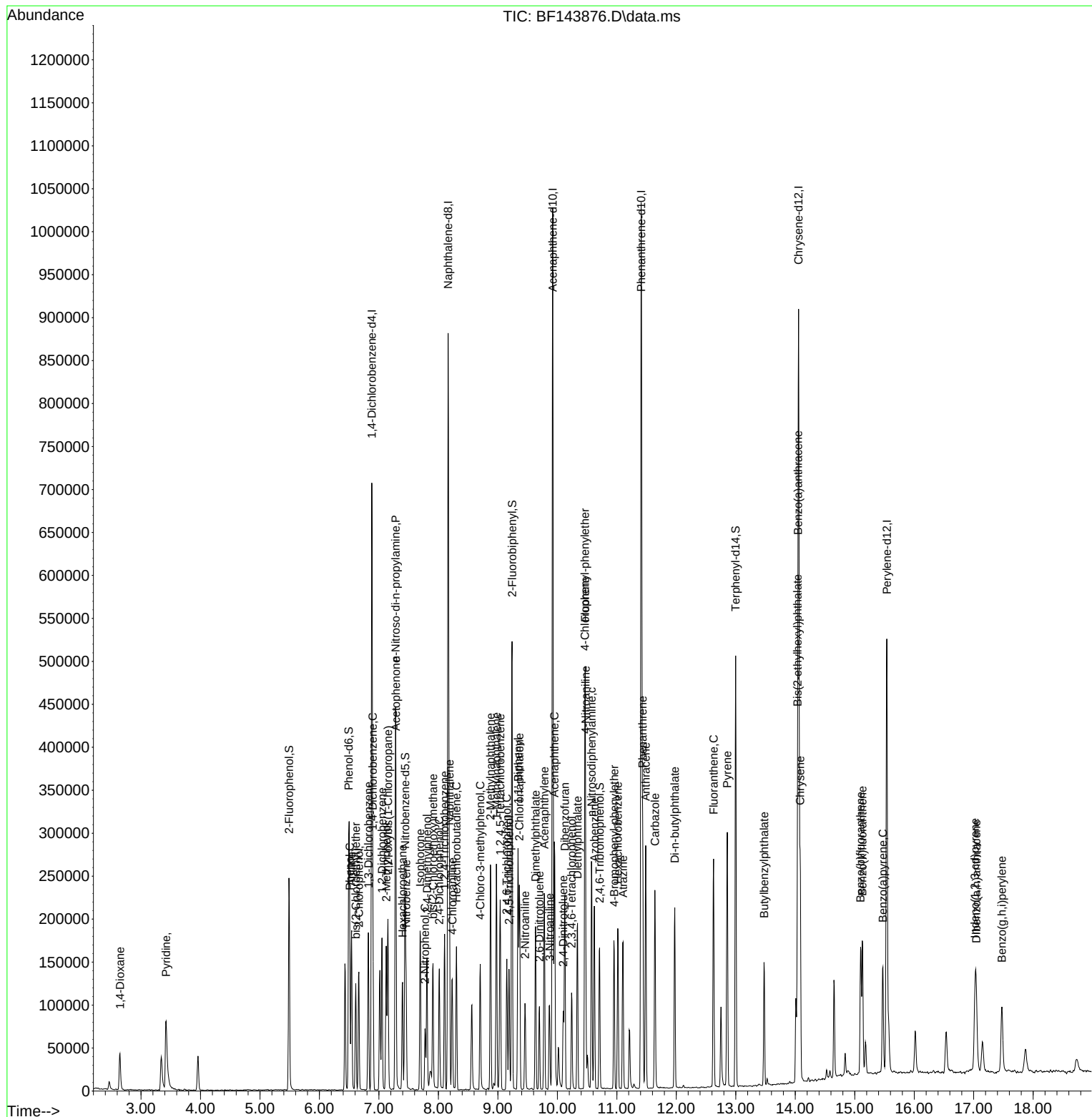
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143876.D
Acq On : 06 Oct 2025 10:28
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

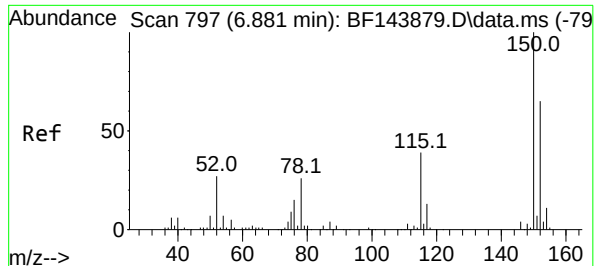
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

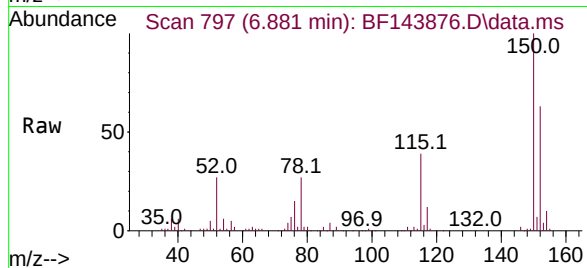
Quant Time: Oct 06 16:14:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

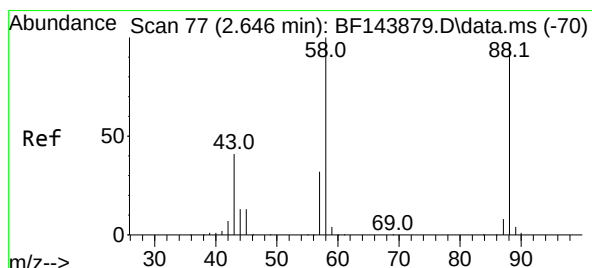
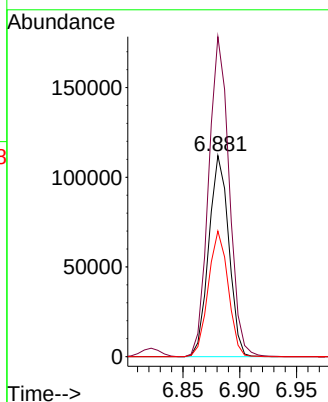
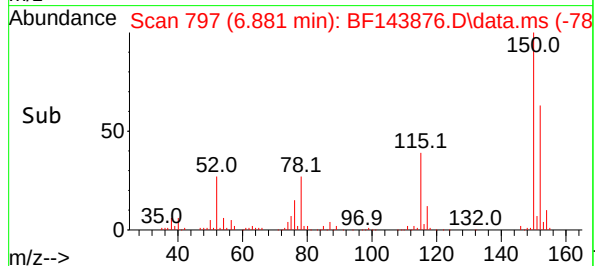
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 137596
Ion Ratio Lower Upper
152 100
150 159.1 124.4 186.6
115 62.4 48.1 72.1

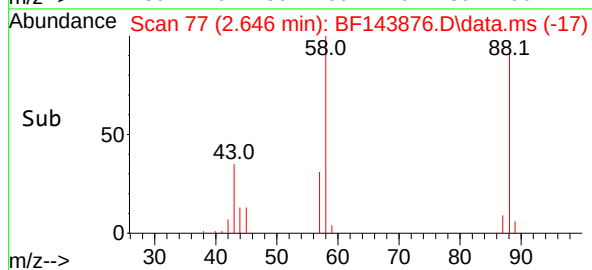
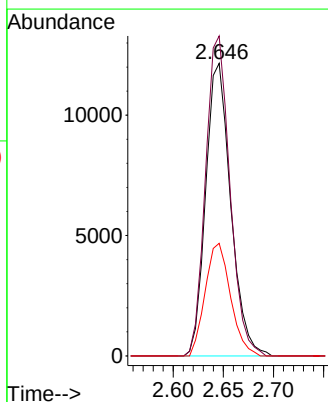
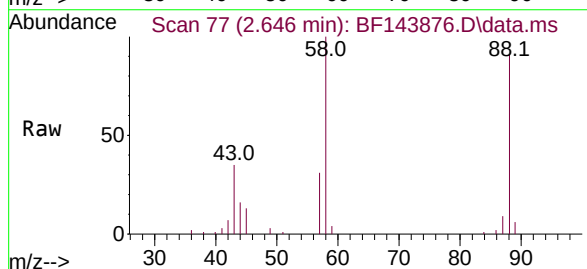
Manual Integrations
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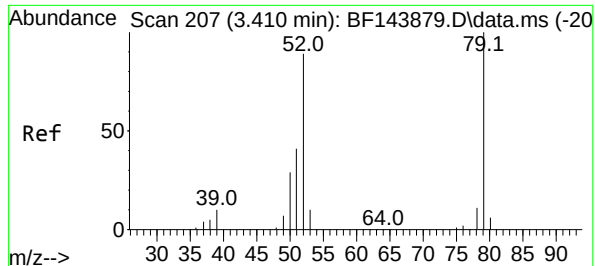
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#2
1,4-Dioxane
Concen: 5.265 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

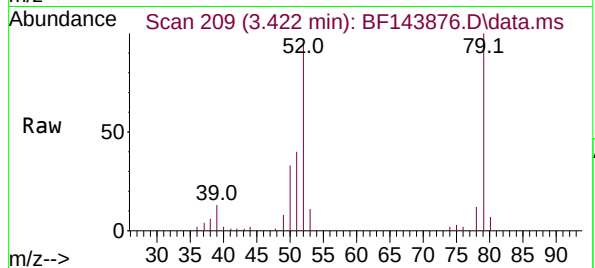
Tgt Ion: 88 Resp: 21110
Ion Ratio Lower Upper
88 100
58 106.6 83.0 124.6
43 38.9 33.9 50.9





#3
Pyridine
Concen: 4.984 ng
RT: 3.422 min Scan# 207
Delta R.T. 0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

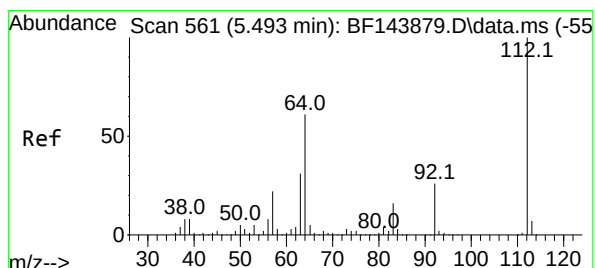
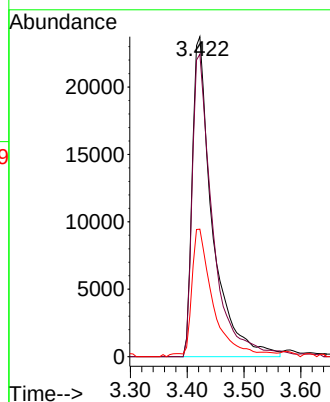
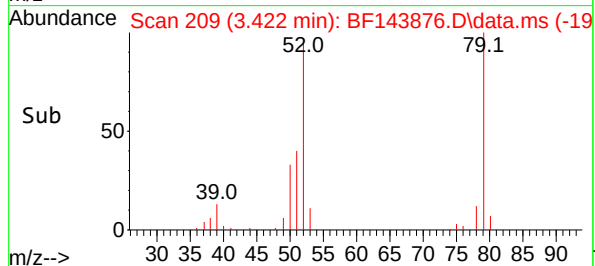
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 58179
Ion Ratio Lower Upper
79 100
52 94.5 71.5 107.3
51 39.8 32.9 49.3

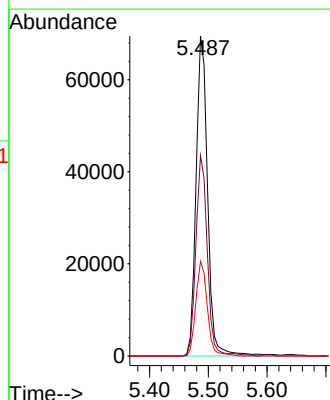
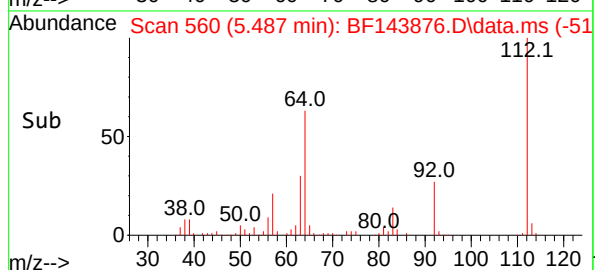
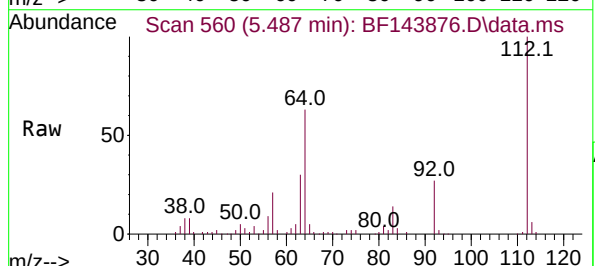
Manual Integrations
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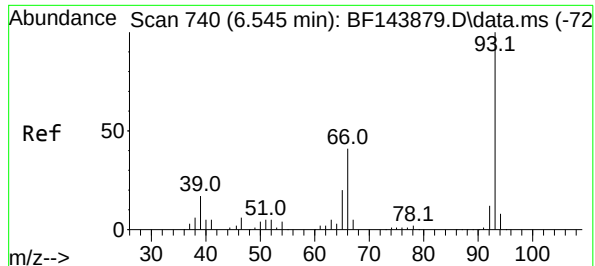
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#5
2-Fluorophenol
Concen: 10.942 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:112 Resp: 94810
Ion Ratio Lower Upper
112 100
64 62.6 49.1 73.7
63 29.6 24.5 36.7





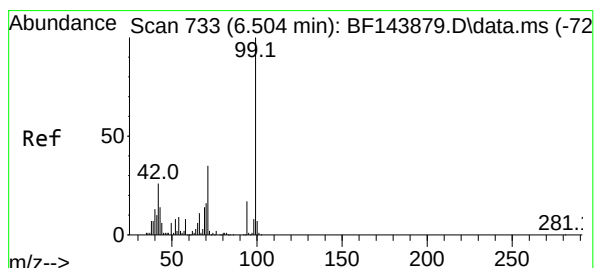
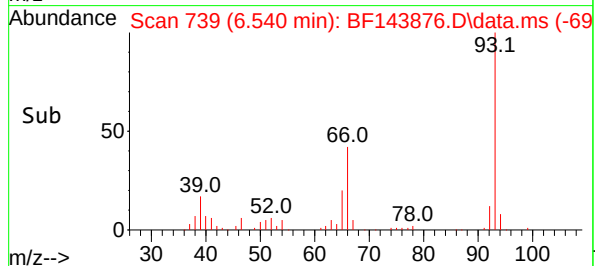
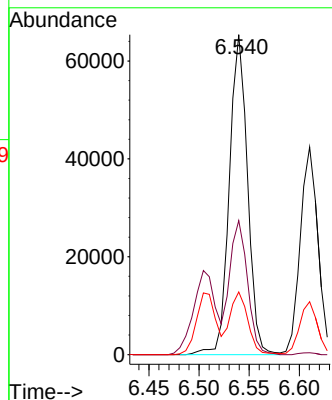
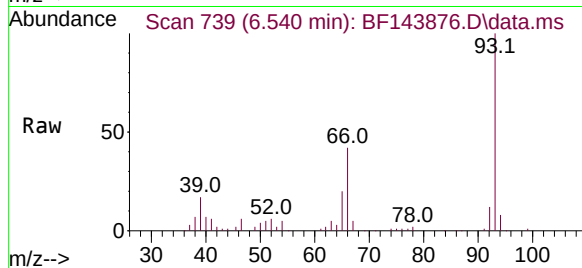
#6
Aniline
Concen: 5.335 ng
RT: 6.540 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 82563
Ion Ratio Lower Upper
93 100
66 41.9 33.0 49.6
65 19.6 15.8 23.8

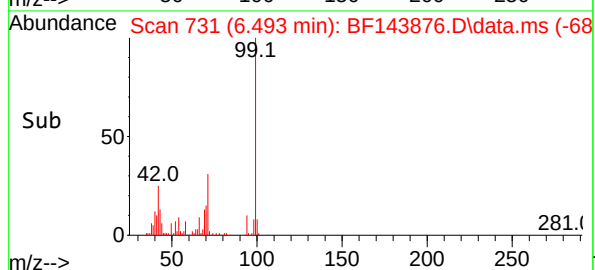
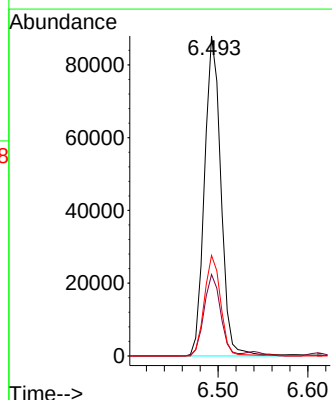
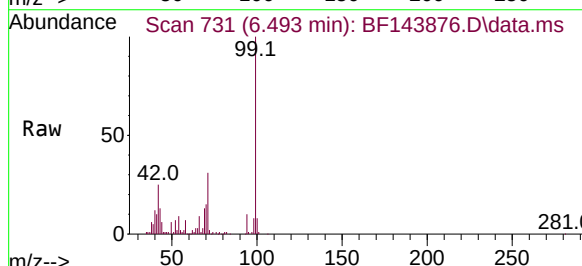
Manual Integrations
APPROVED

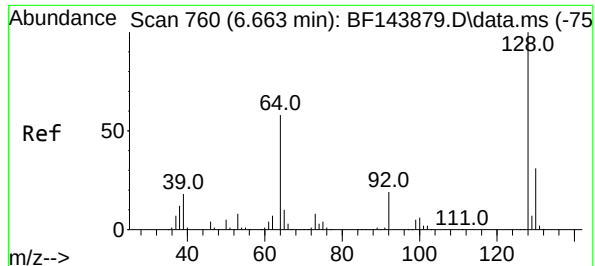
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#7
Phenol-d6
Concen: 10.832 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.023 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 99 Resp: 111877
Ion Ratio Lower Upper
99 100
42 25.4 21.0 31.4
71 31.4 27.8 41.8





#8

2-Chlorophenol

Concen: 5.376 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

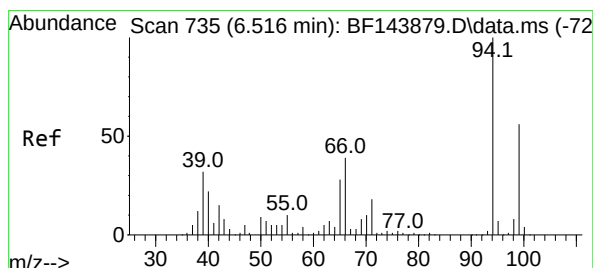
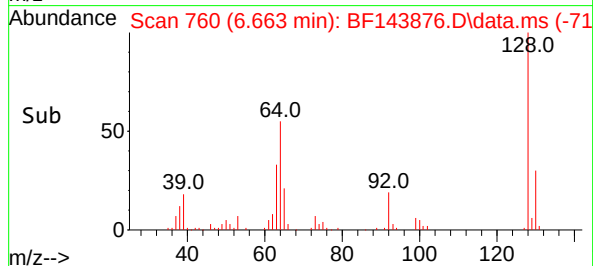
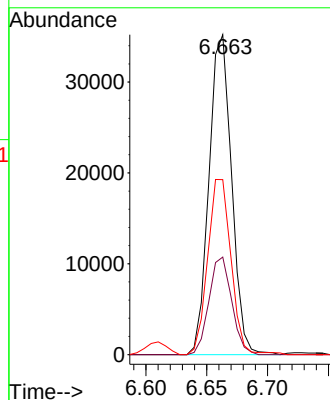
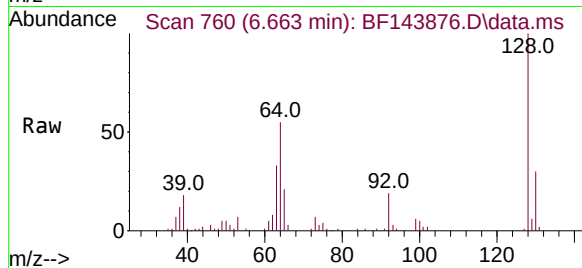
SSTDICC005

Tgt Ion:128	Resp:	45534
Ion Ratio	Lower	Upper
128	100	
130	30.5	10.7 50.7
64	54.7	39.0 79.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 5.388 ng m

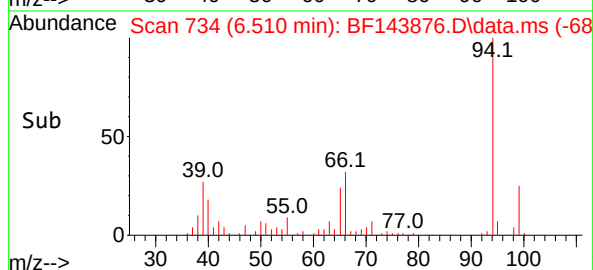
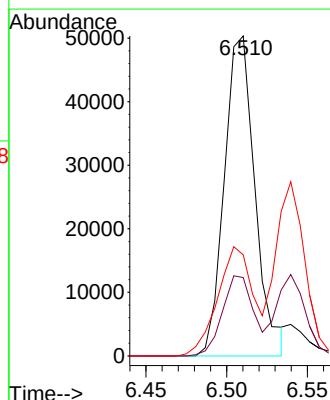
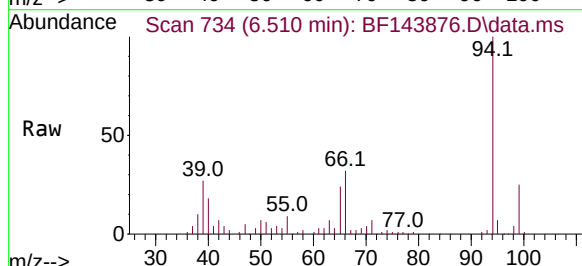
RT: 6.510 min Scan# 734

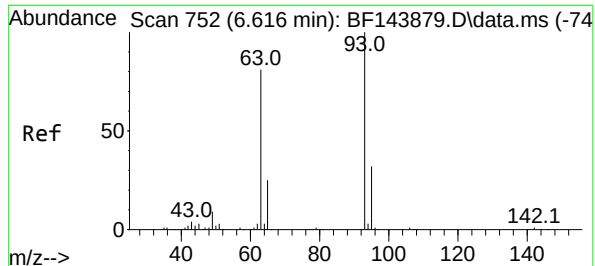
Delta R.T. -0.023 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion: 94	Resp:	66523
Ion Ratio	Lower	Upper
94	100	
65	24.5	8.5 48.5
66	31.6	19.9 59.9





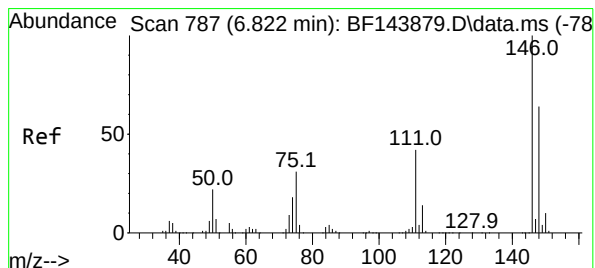
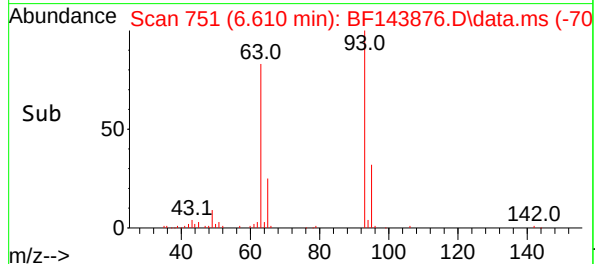
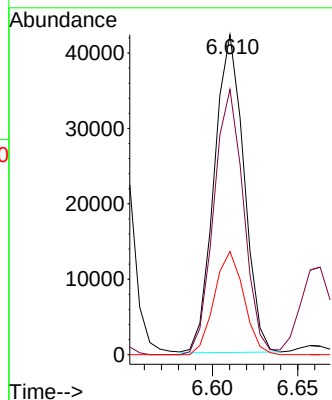
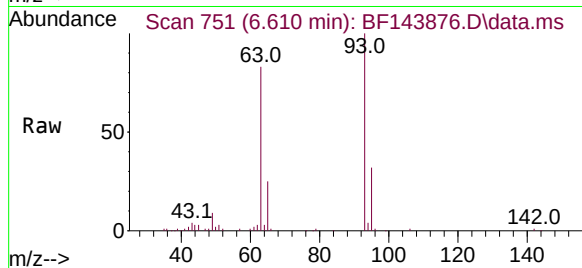
#11
bis(2-Chloroethyl)ether
Concen: 5.364 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 51163
Ion Ratio Lower Upper
93 100
63 82.9 60.9 100.9
95 32.2 11.5 51.5

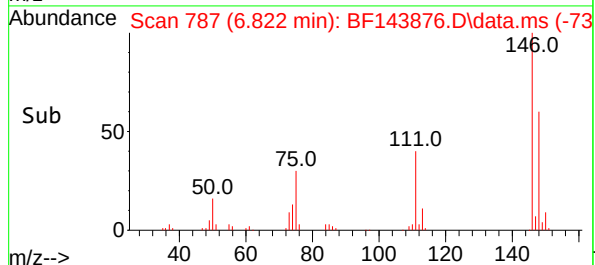
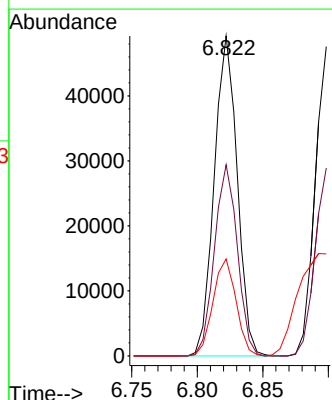
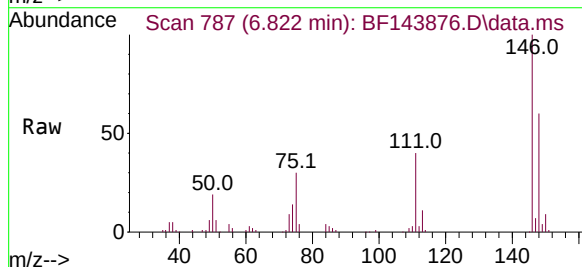
Manual Integrations
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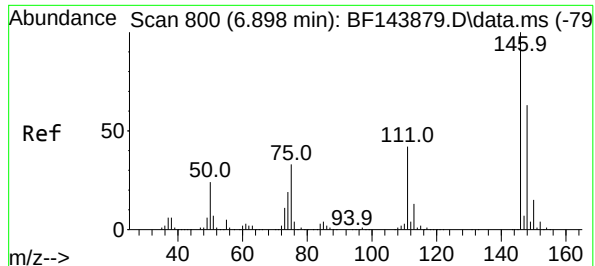
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#12
1,3-Dichlorobenzene
Concen: 5.911 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:146 Resp: 59929
Ion Ratio Lower Upper
146 100
148 59.7 51.0 76.4
75 30.3 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 5.686 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:146 Resp: 56869

Ion Ratio Lower Upper

146 100

148 60.7 50.5 75.7

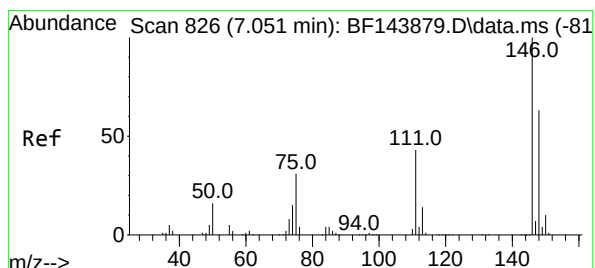
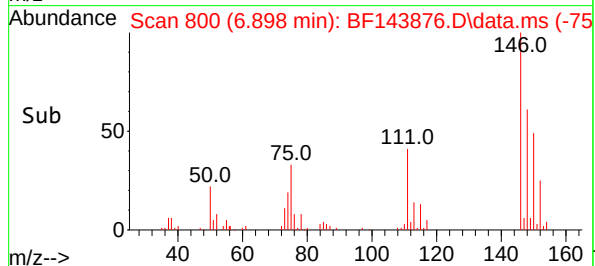
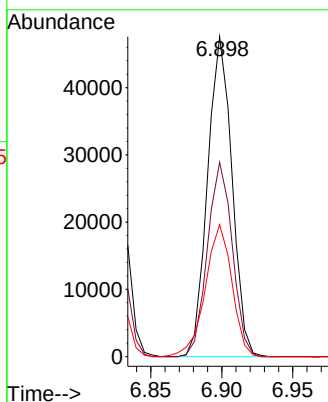
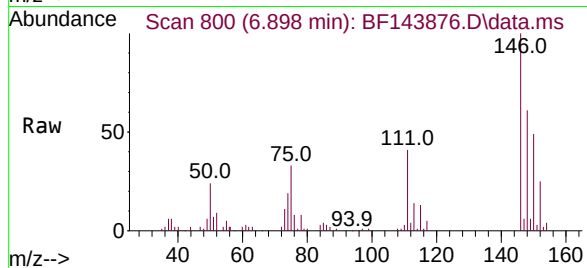
111 41.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 5.676 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

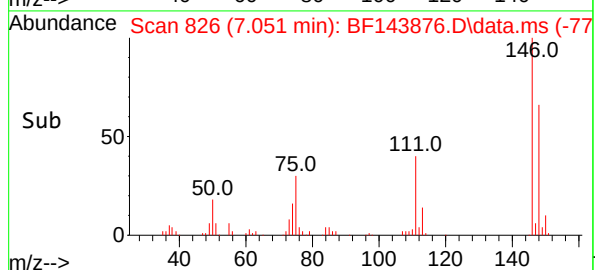
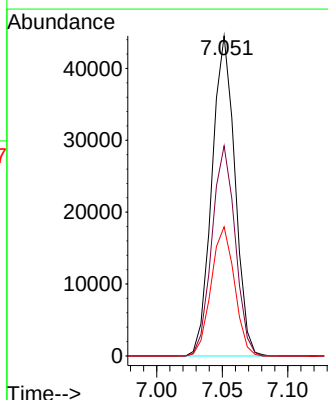
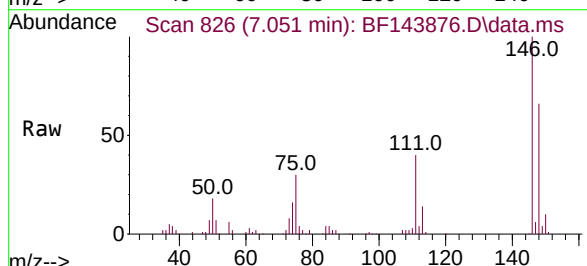
Tgt Ion:146 Resp: 54371

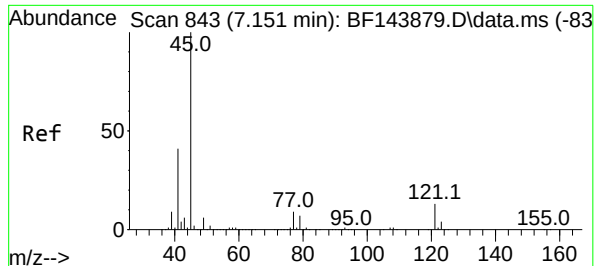
Ion Ratio Lower Upper

146 100

148 65.6 50.6 75.8

111 40.3 34.6 51.8





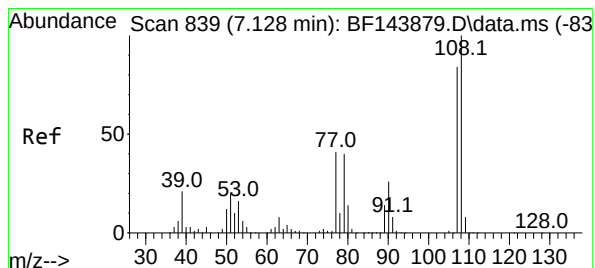
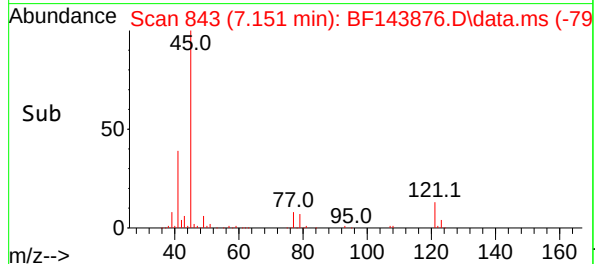
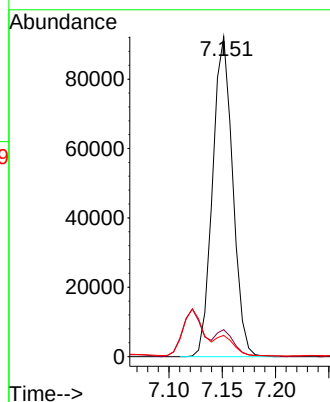
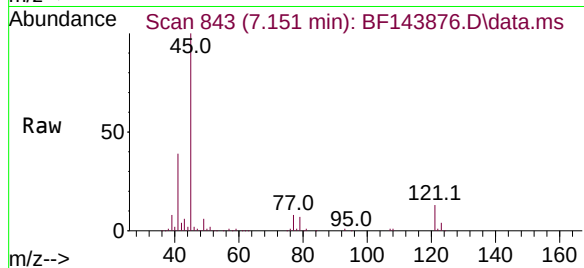
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.577 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 121082
Ion Ratio Lower Upper
45 100
77 8.4 0.0 29.0
79 6.6 0.0 26.8

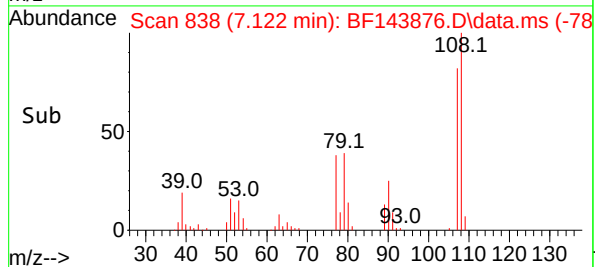
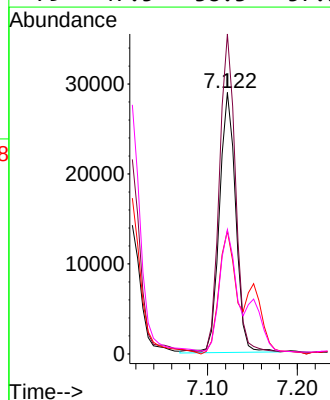
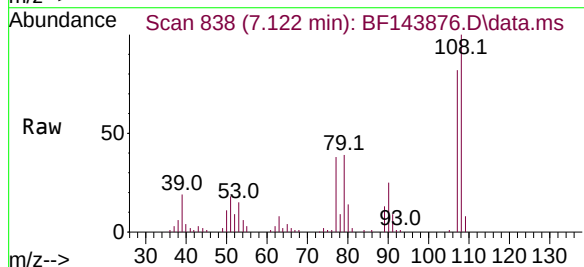
Manual Integrations
APPROVED

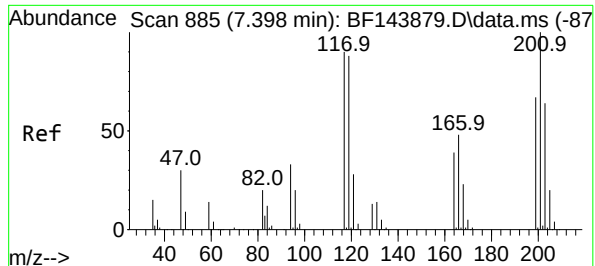
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#17
2-Methylphenol
Concen: 5.228 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

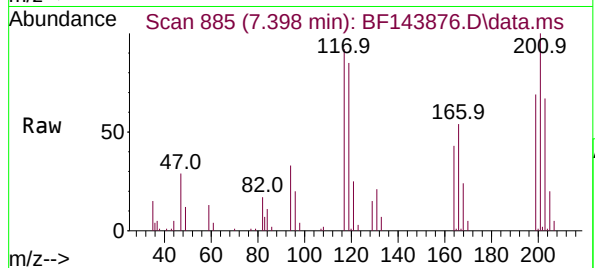
Tgt Ion:107 Resp: 36595
Ion Ratio Lower Upper
107 100
108 122.4 94.7 142.1
77 47.0 38.8 58.2
79 47.5 38.3 57.5





#18
Hexachloroethane
Concen: 5.501 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

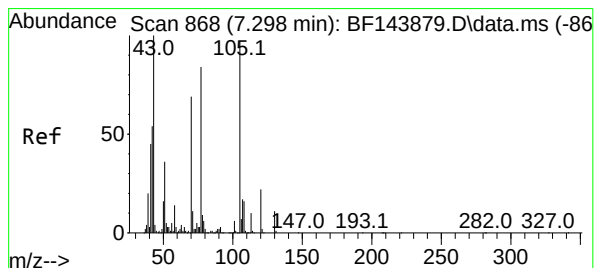
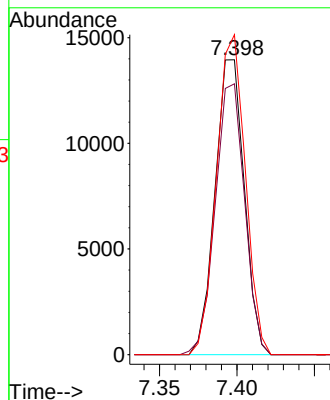
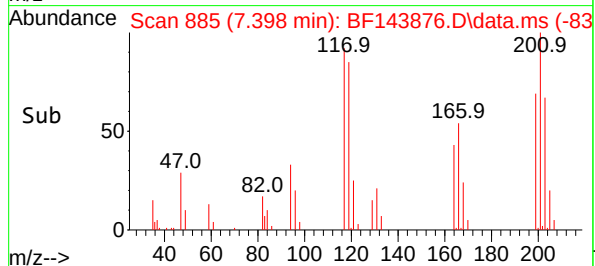
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 117 Resp: 18346
Ion Ratio Lower Upper
117 100
119 91.8 77.8 116.8
201 108.5 88.5 132.7

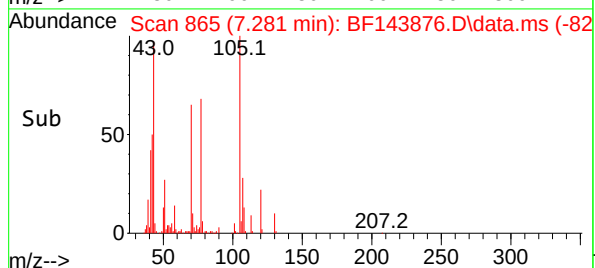
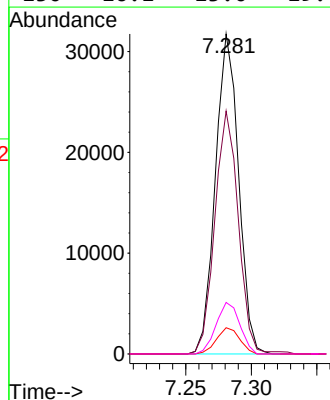
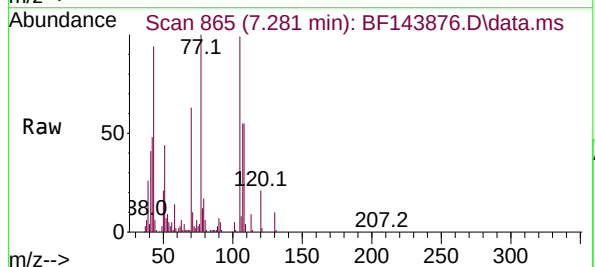
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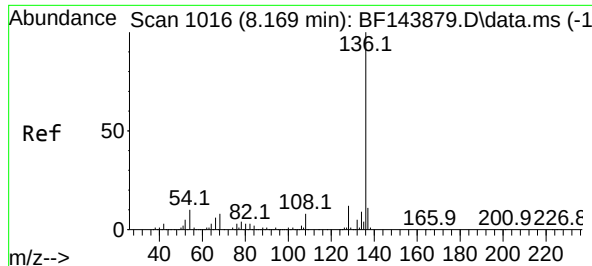
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#19
n-Nitroso-di-n-propylamine
Concen: 5.524 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 70 Resp: 39050
Ion Ratio Lower Upper
70 100
42 75.9 62.8 94.2
101 8.2 6.7 10.1
130 16.1 13.0 19.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 524114

Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.0 8.2 12.4

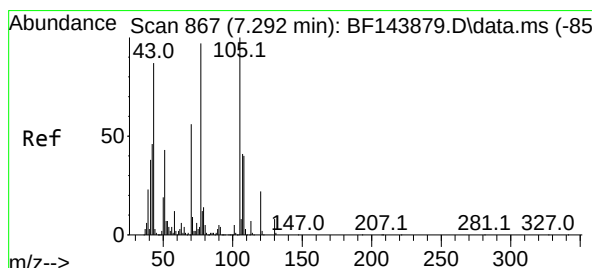
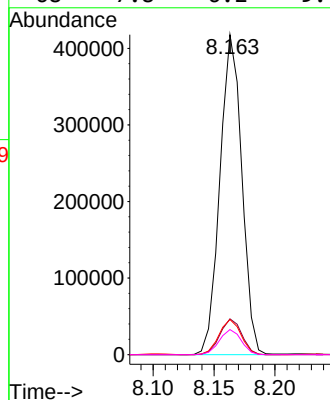
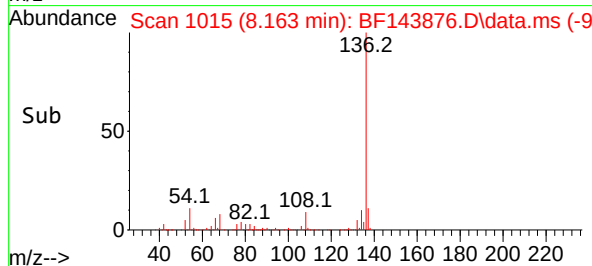
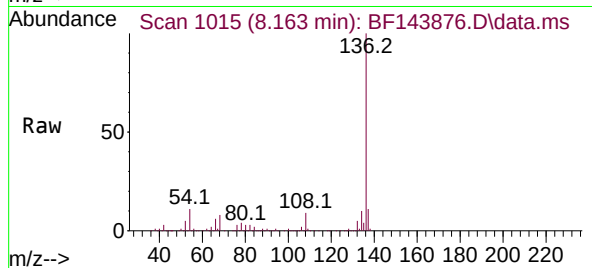
68 7.8 6.2 9.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#22

Acetophenone

Concen: 6.092 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:105 Resp: 67515

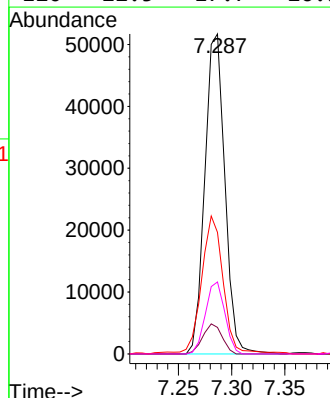
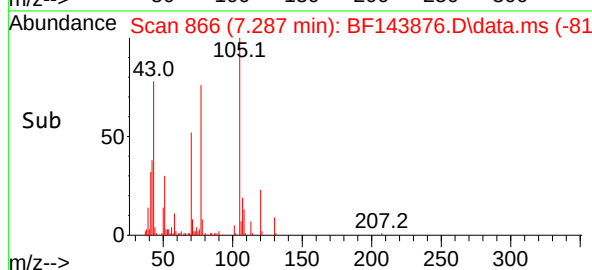
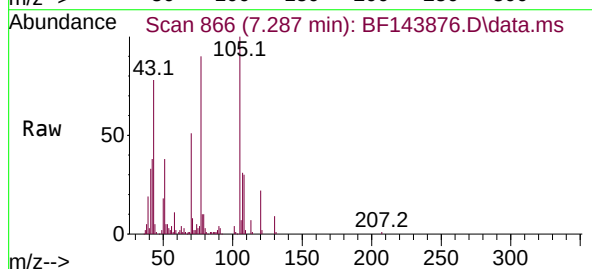
Ion Ratio Lower Upper

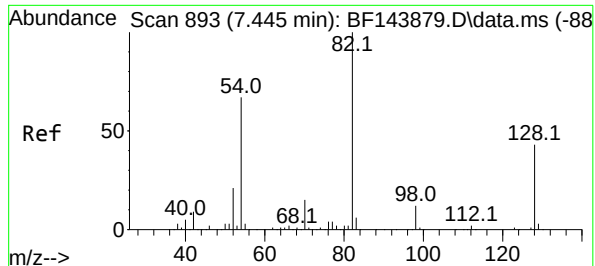
105 100

71 8.3 7.4 11.0

51 38.0 34.2 51.4

120 22.5 17.7 26.5





#23

Nitrobenzene-d5

Concen: 9.862 ng

RT: 7.440 min Scan# 891

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

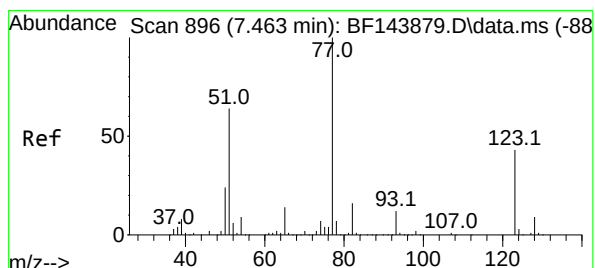
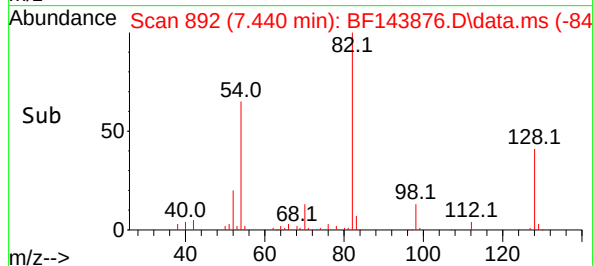
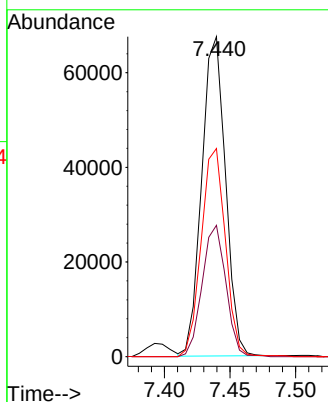
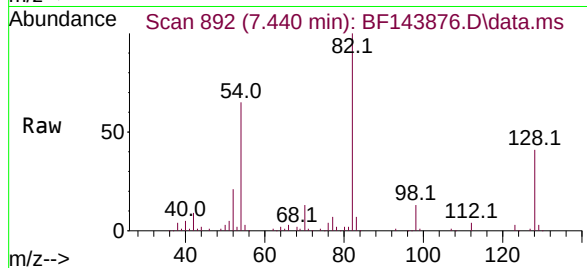
SSTDICC005

Tgt Ion:	82	Resp:	85080
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.0	51.0
54	65.0	53.2	79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 5.054 ng

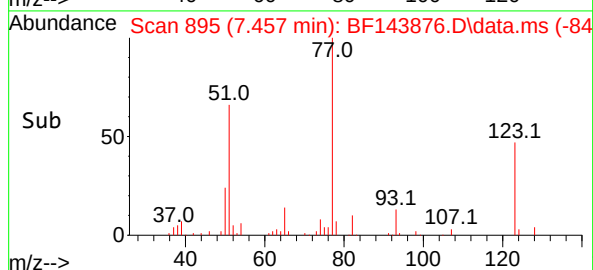
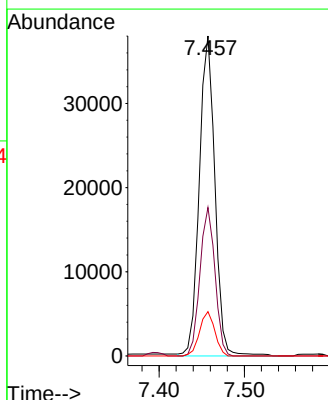
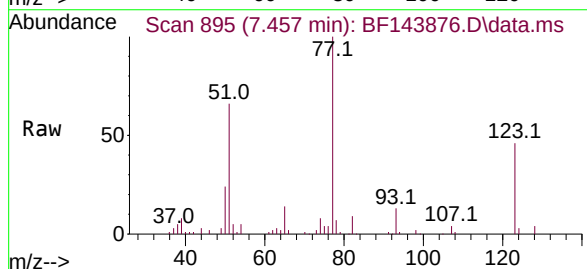
RT: 7.457 min Scan# 895

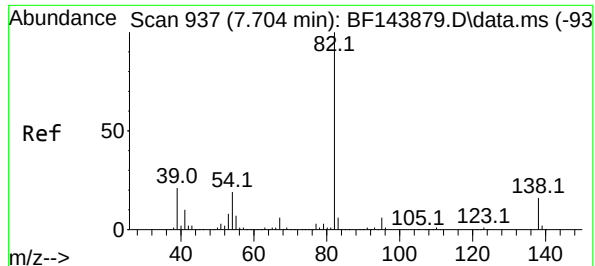
Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:	77	Resp:	48413
Ion	Ratio	Lower	Upper
77	100		
123	46.4	34.2	51.4
65	13.8	11.0	16.6





#25

Isophorone

Concen: 5.429 ng

RT: 7.692 min Scan# 935

Delta R.T. -0.029 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion: 82 Resp: 9876

Ion Ratio Lower Upper

82 100

95 6.3 5.1 7.7

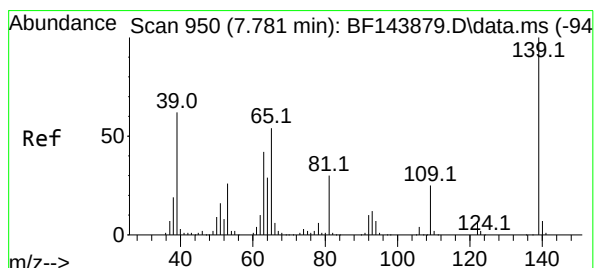
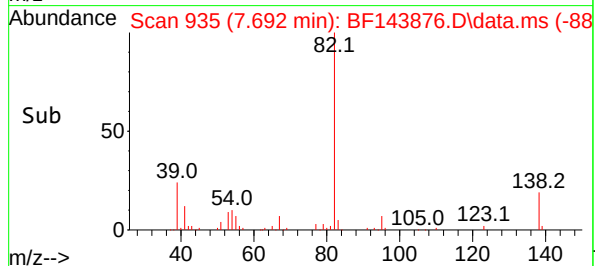
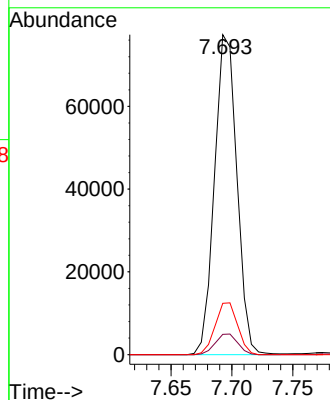
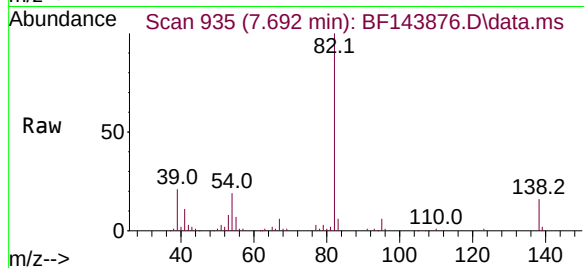
138 16.0 12.9 19.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#26

2-Nitrophenol

Concen: 3.864 ng

RT: 7.775 min Scan# 949

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

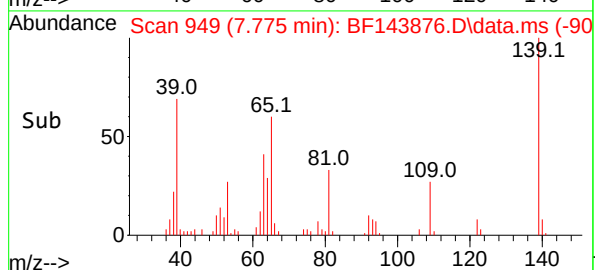
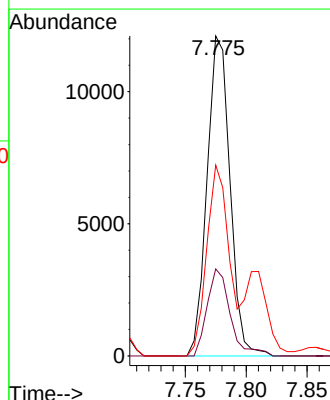
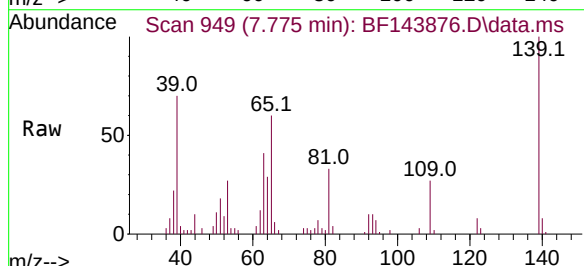
Tgt Ion:139 Resp: 15870

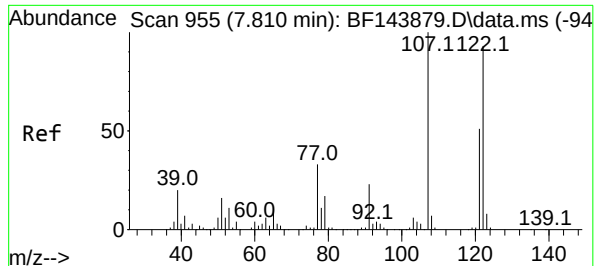
Ion Ratio Lower Upper

139 100

109 27.2 19.8 29.6

65 59.6 42.9 64.3





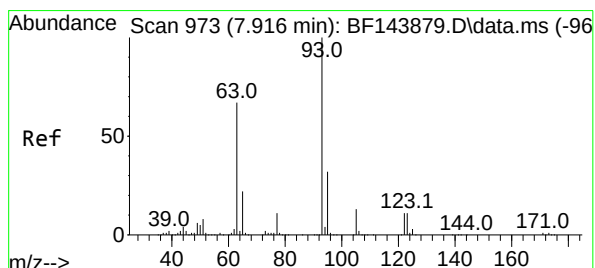
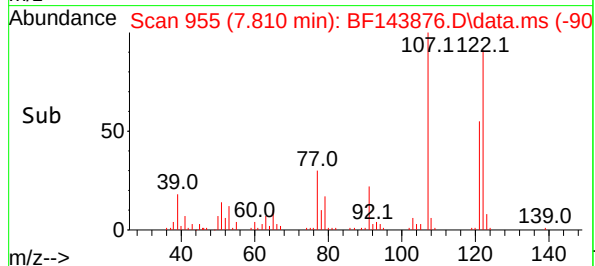
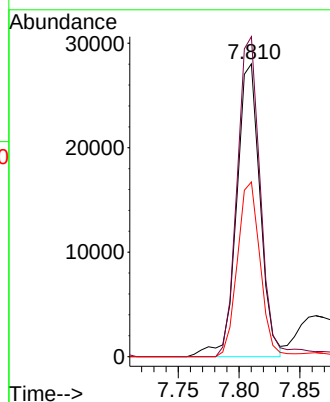
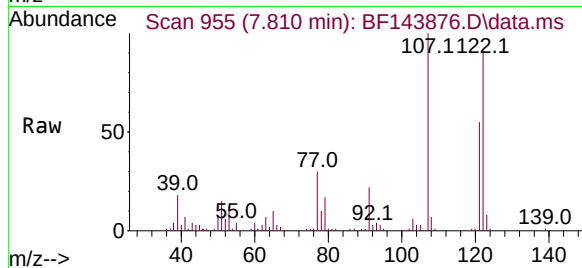
#27
2,4-Dimethylphenol
Concen: 5.095 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 37645
Ion Ratio Lower Upper
122 100
107 109.3 86.1 129.1
121 59.6 43.8 65.6

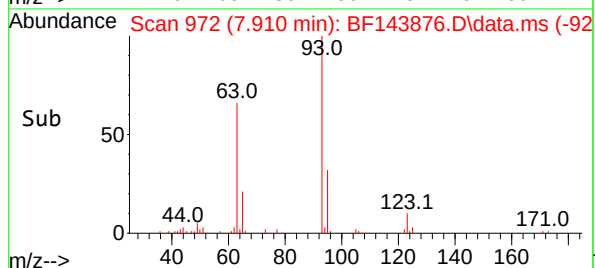
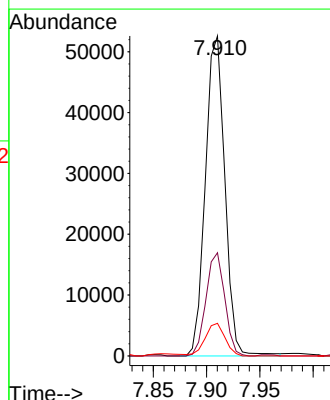
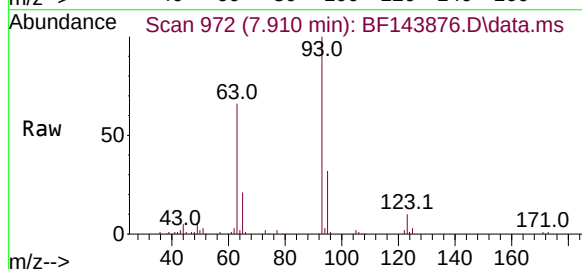
Manual Integrations
APPROVED

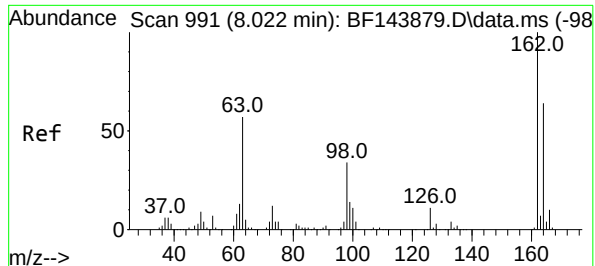
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 5.812 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 93 Resp: 66779
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 10.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 5.390 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

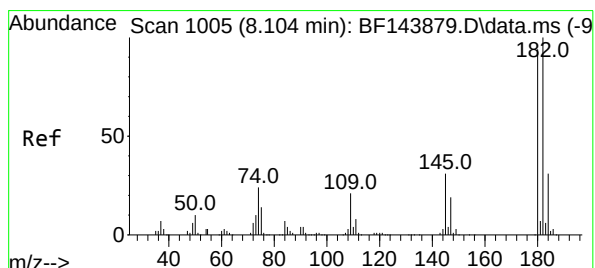
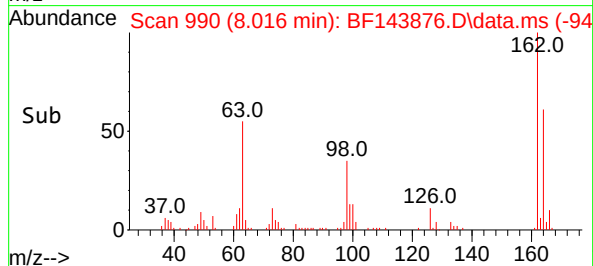
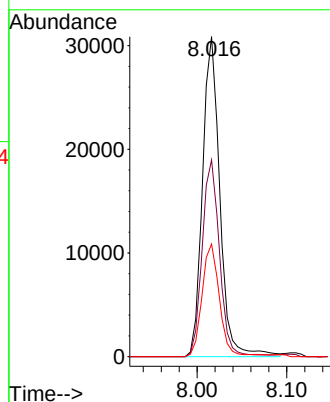
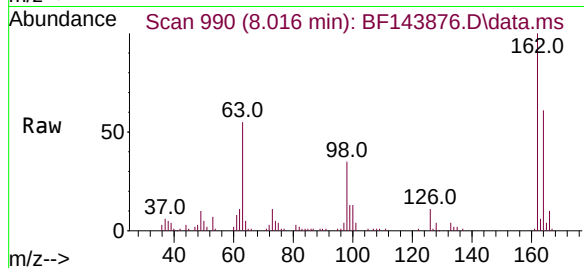
Tgt Ion	162	164	98
Resp:	41484		
Ratio	100	61.5	35.2
Lower		43.9	14.4
Upper		83.9	54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.722 ng

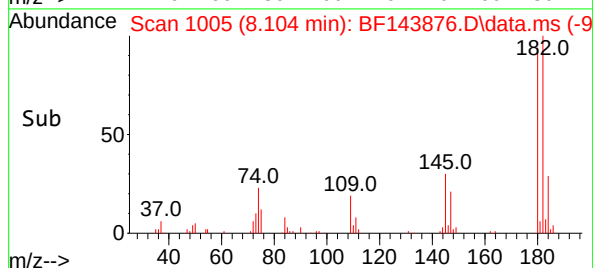
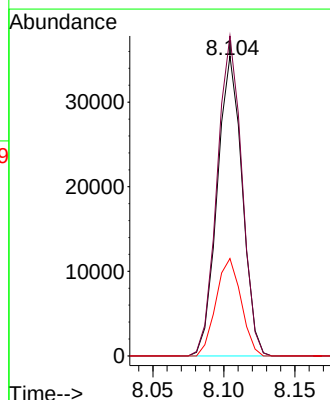
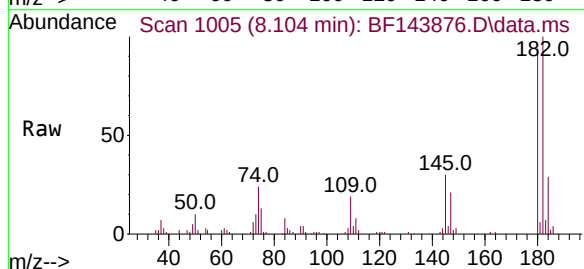
RT: 8.104 min Scan# 1005

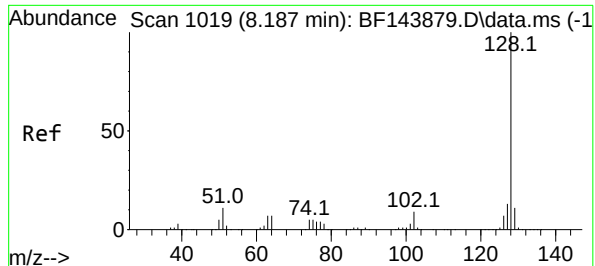
Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

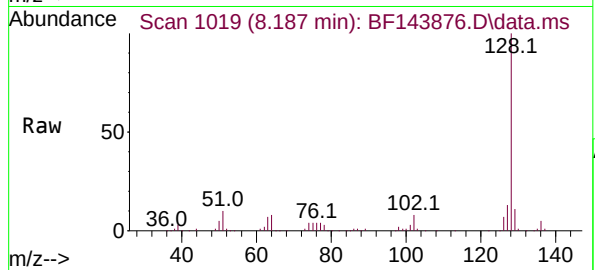
Tgt Ion	180	182	145
Resp:	43309		
Ratio	100	106.7	32.5
Lower		85.4	26.3
Upper		128.0	39.5





#31
Naphthalene
Concen: 6.063 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

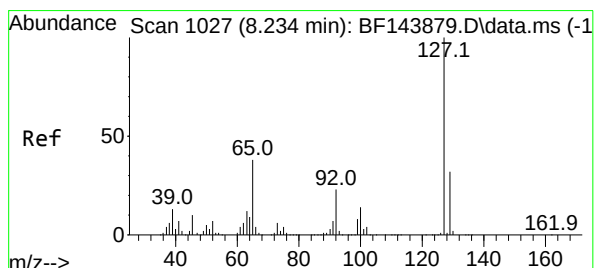
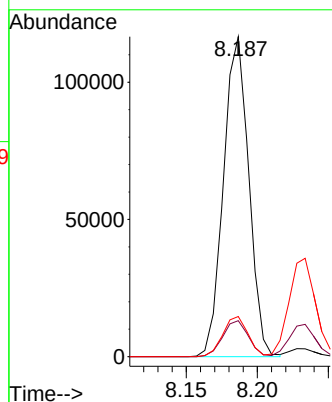
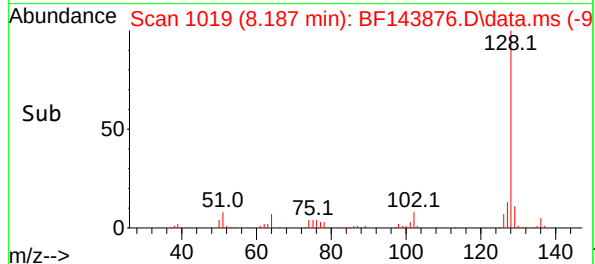
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 144561
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.5 10.0 15.0

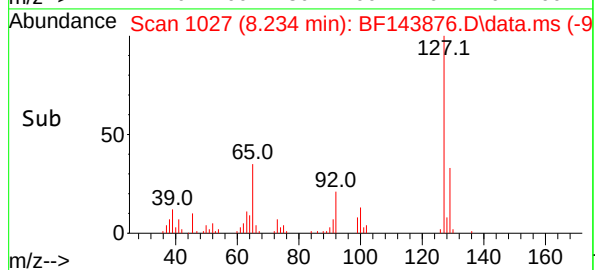
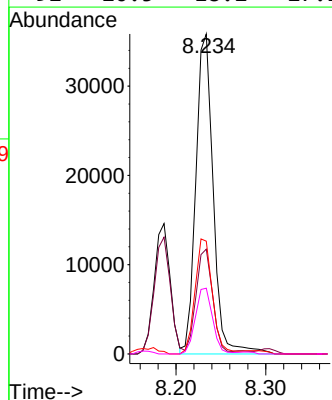
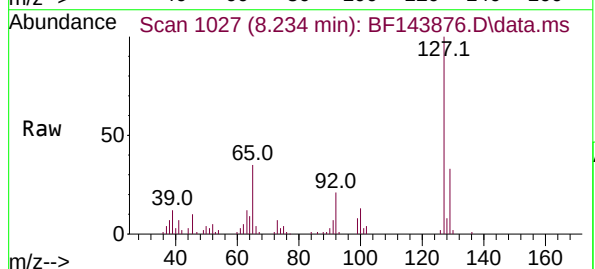
Manual Integrations
APPROVED

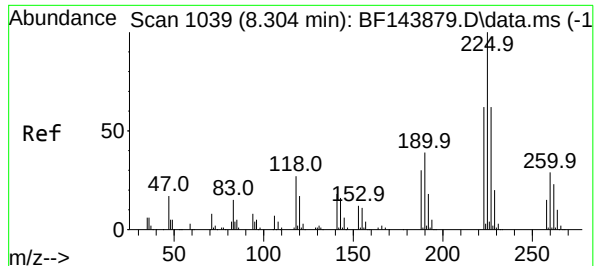
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#33
4-Chloroaniline
Concen: 5.388 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

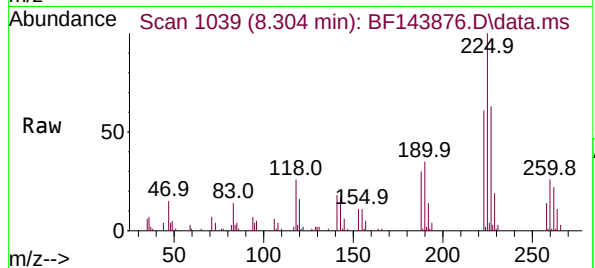
Tgt Ion:127 Resp: 48181
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8
65 35.2 30.0 45.0
92 20.5 18.2 27.2





#34
Hexachlorobutadiene
Concen: 5.751 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

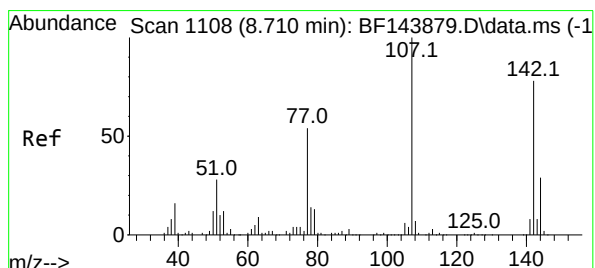
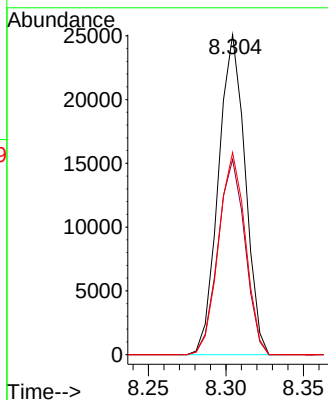
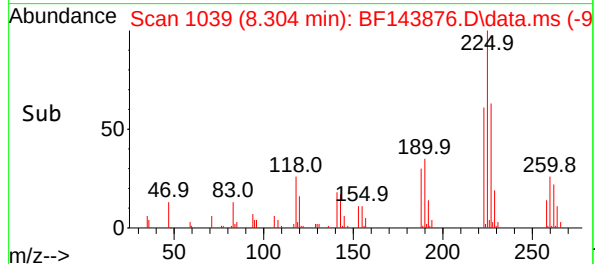
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:225 Resp: 30246
Ion Ratio Lower Upper
225 100
223 61.0 49.4 74.2
227 63.2 49.7 74.5

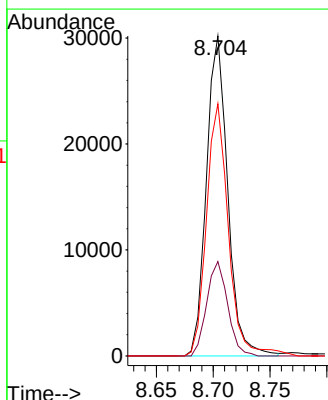
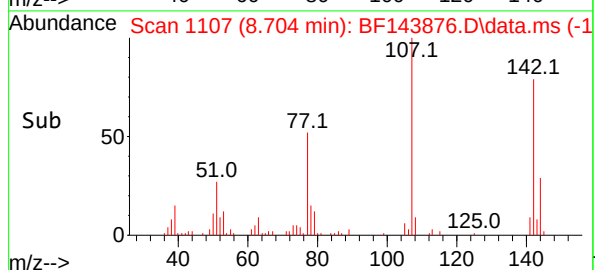
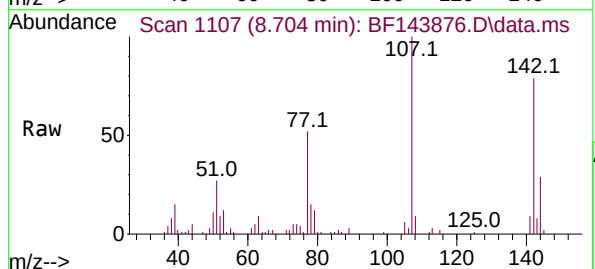
Manual Integrations
APPROVED

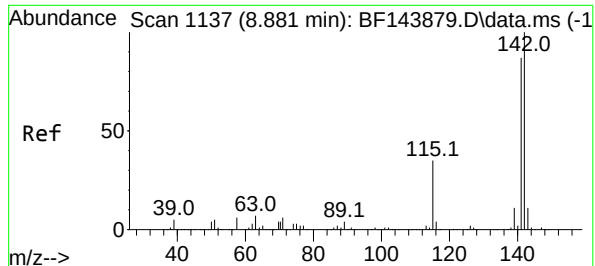
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#36
4-Chloro-3-methylphenol
Concen: 5.343 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:107 Resp: 39500
Ion Ratio Lower Upper
107 100
144 29.5 23.1 34.7
142 78.8 62.6 94.0





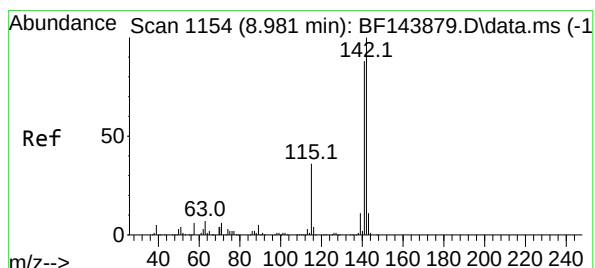
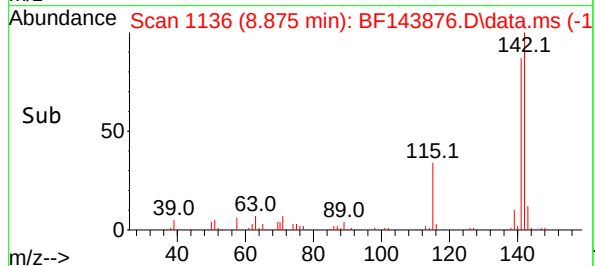
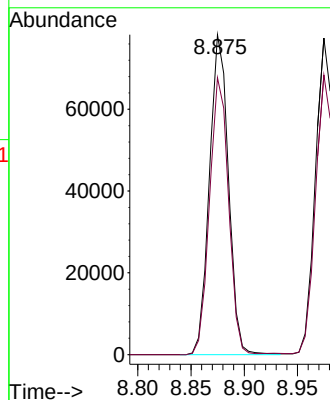
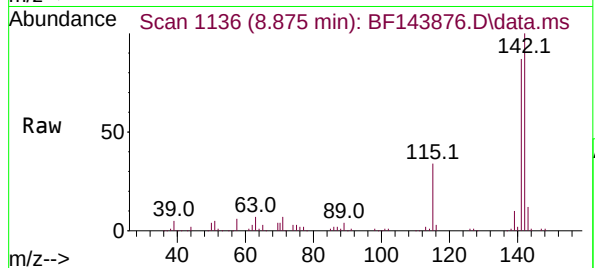
#37
2-Methylnaphthalene
Concen: 6.122 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 9722
Ion Ratio Lower Upper
142 100
141 86.5 69.2 103.8

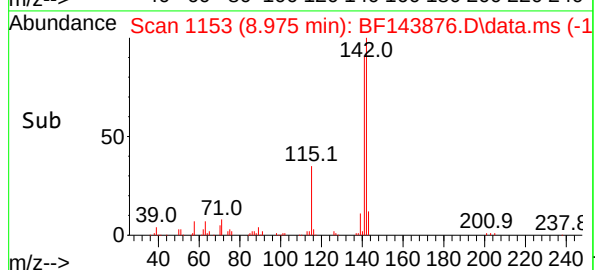
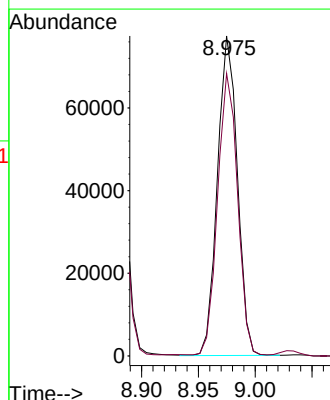
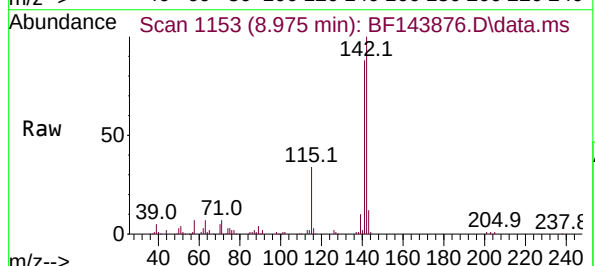
Manual Integrations
APPROVED

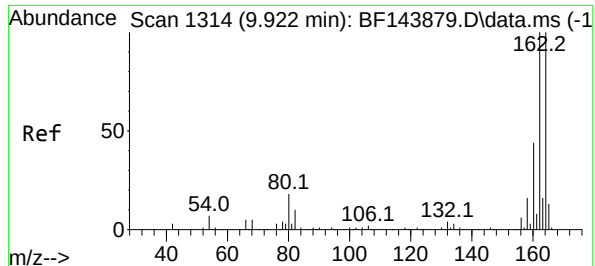
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#38
1-Methylnaphthalene
Concen: 6.114 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:142 Resp: 94190
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143876.D

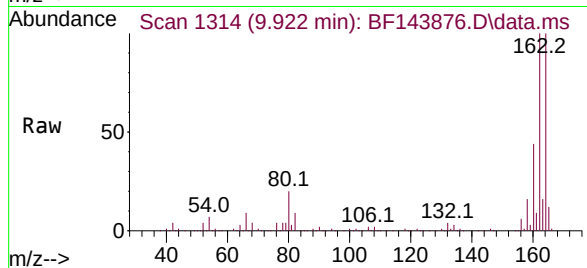
Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 303230

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

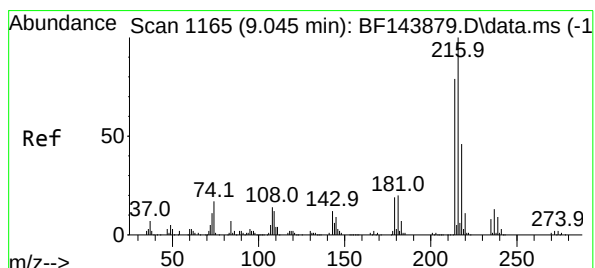
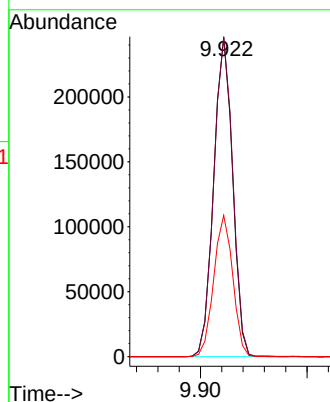
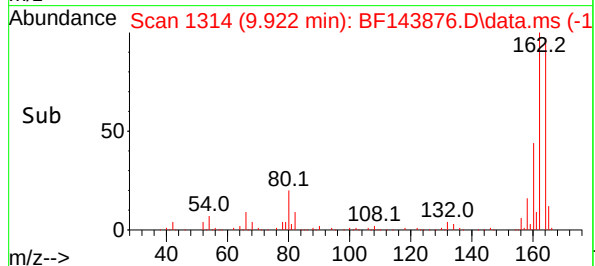
160 44.3 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

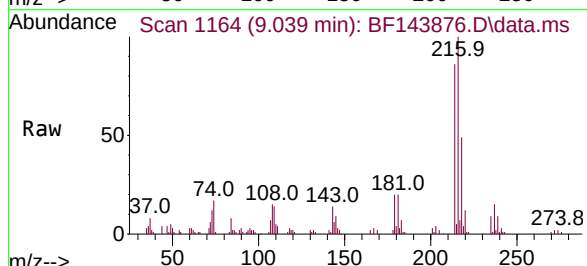
Concen: 5.519 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28



Tgt Ion:216 Resp: 46252

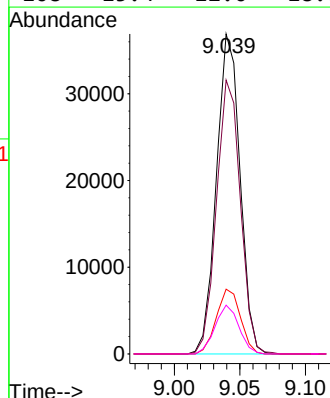
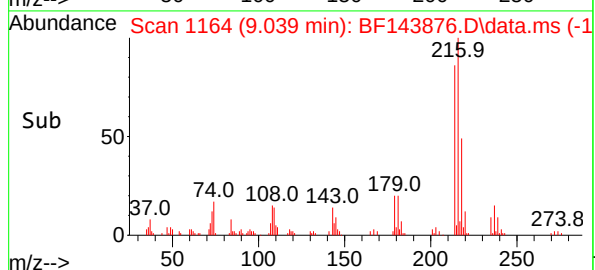
Ion Ratio Lower Upper

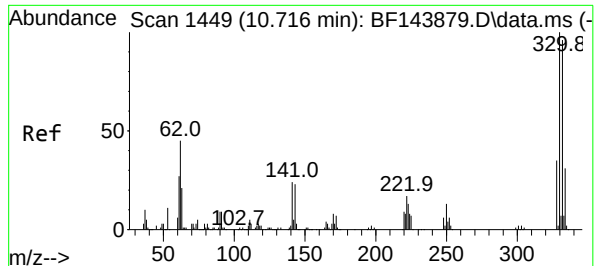
216 100

214 86.6 62.6 94.0

179 20.7 15.4 23.0

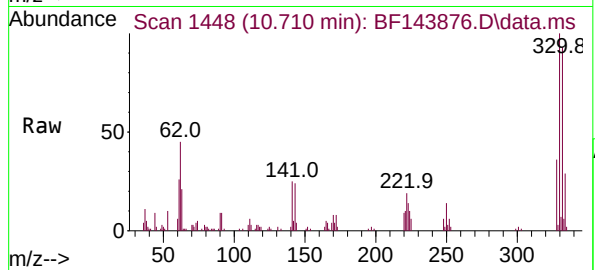
108 15.4 12.0 18.0





#42
2,4,6-Tribromophenol
Concen: 9.721 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

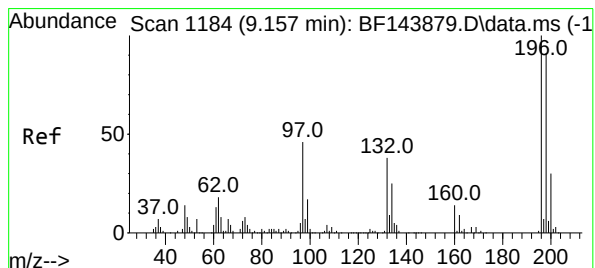
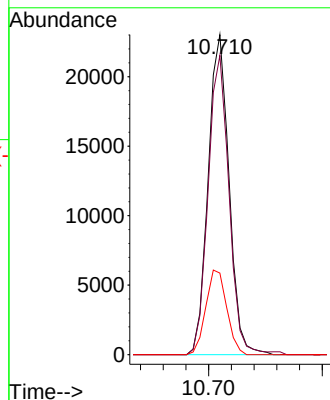
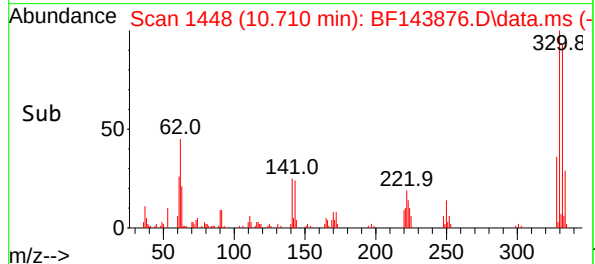
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



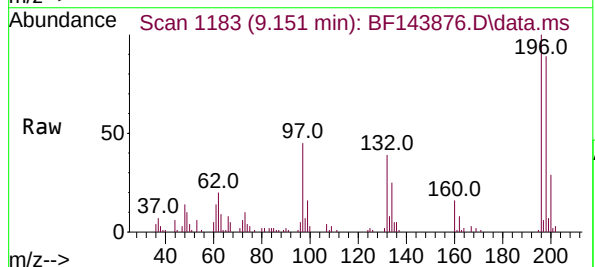
Tgt Ion: 330 Resp: 29360
Ion Ratio Lower Upper
330 100
332 93.9 76.9 115.3
141 26.6 20.2 30.4

Manual Integrations
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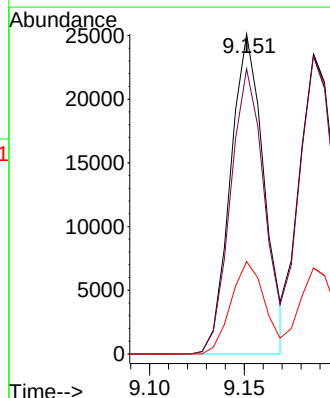
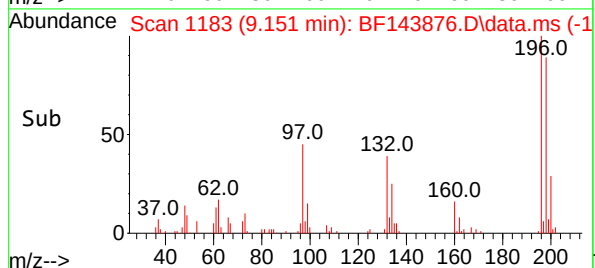
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

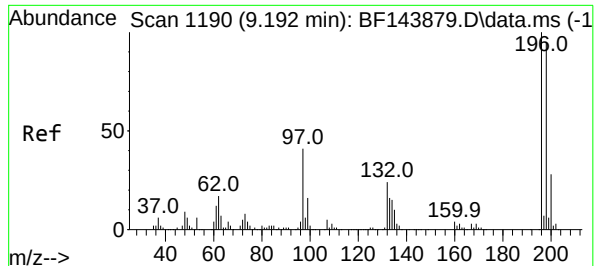


#43
2,4,6-Trichlorophenol
Concen: 5.047 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



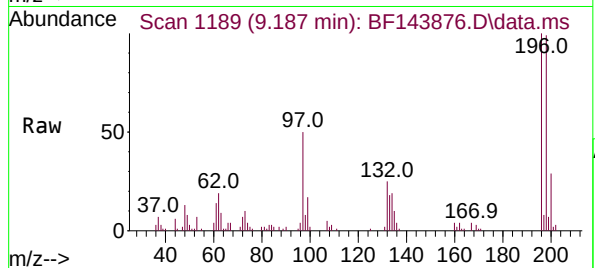
Tgt Ion: 196 Resp: 30908
Ion Ratio Lower Upper
196 100
198 89.1 72.8 109.2
200 28.9 24.0 36.0





#44
2,4,5-Trichlorophenol
Concen: 5.194 ng
RT: 9.187 min Scan# 1189
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

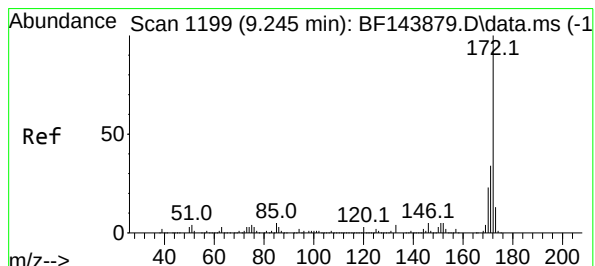
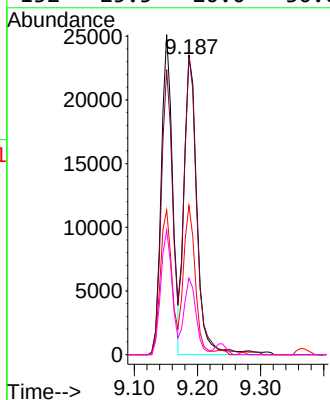
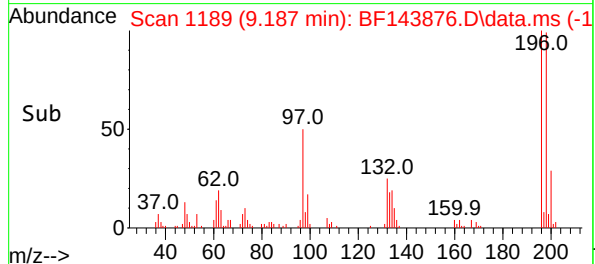
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 33613
Ion Ratio Lower Upper
196 100
198 99.4 75.5 113.3
97 49.7 33.9 50.9
132 25.5 20.0 30.0

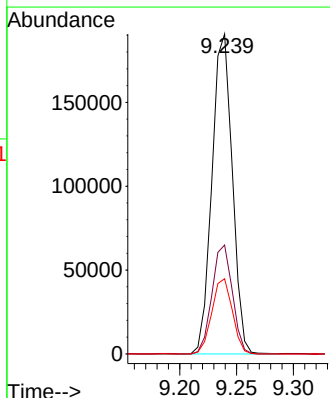
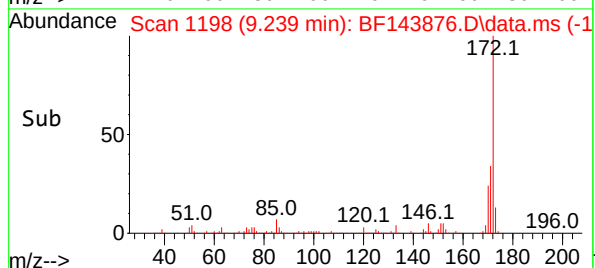
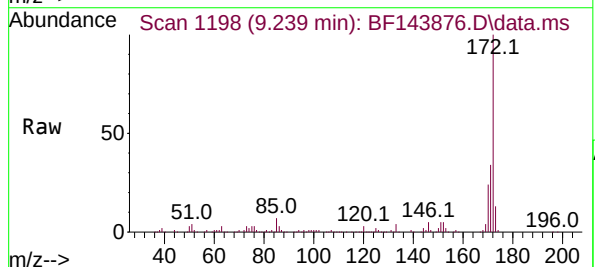
Manual Integrations
APPROVED

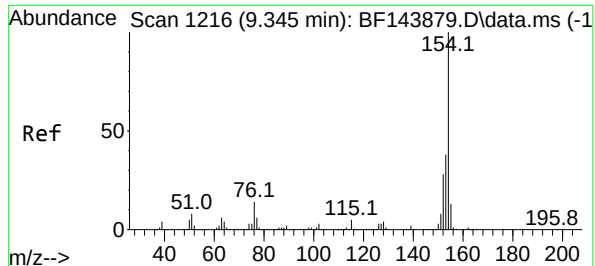
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#45
2-Fluorobiphenyl
Concen: 12.438 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

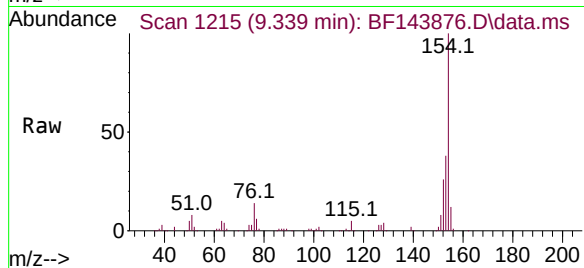
Tgt Ion:172 Resp: 237689
Ion Ratio Lower Upper
172 100
171 34.0 27.4 41.0
170 23.5 18.6 28.0





#46
1,1'-Biphenyl
Concen: 6.105 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

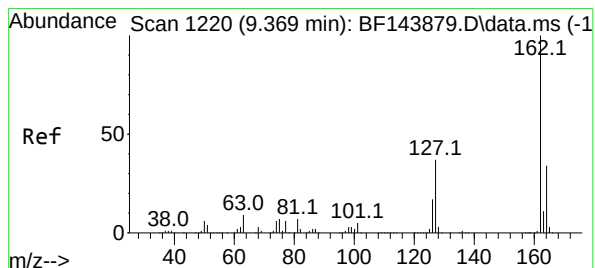
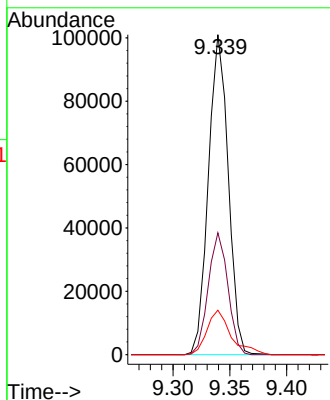
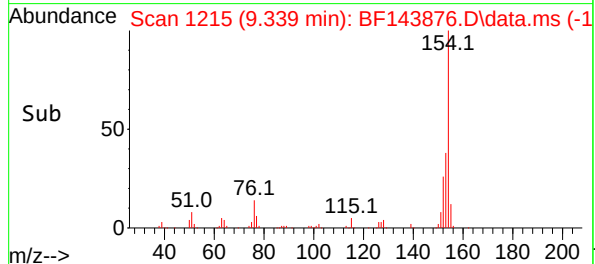
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 122568
Ion Ratio Lower Upper
154 100
153 38.1 18.4 58.4
76 13.9 0.0 34.0

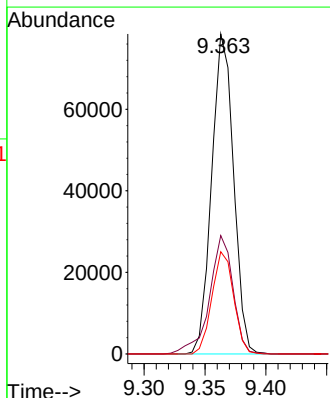
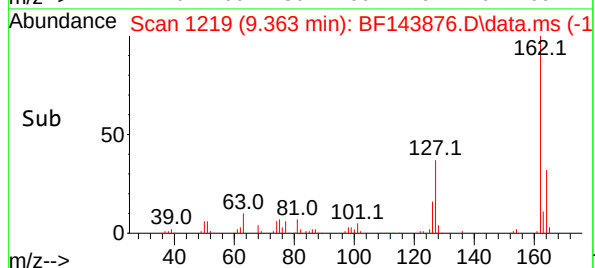
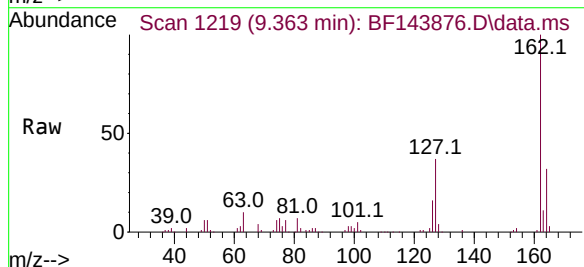
Manual Integrations
APPROVED

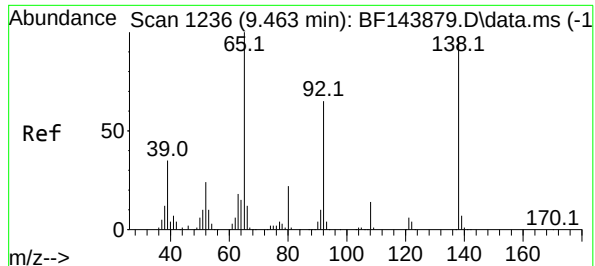
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#47
2-Chloronaphthalene
Concen: 5.861 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

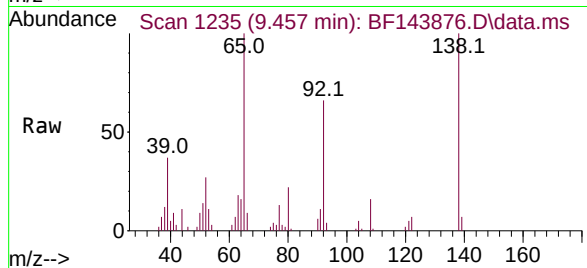
Tgt Ion:162 Resp: 98102
Ion Ratio Lower Upper
162 100
127 37.0 30.2 45.2
164 32.0 26.9 40.3





#48
2-Nitroaniline
Concen: 4.193 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

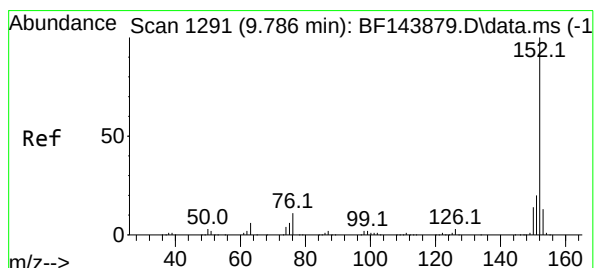
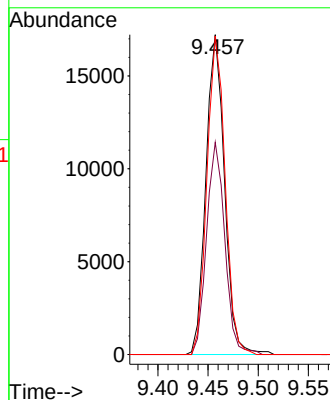
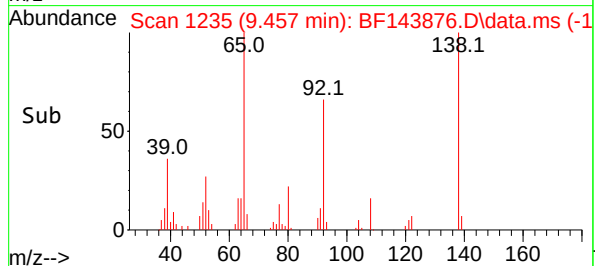
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 22188
Ion Ratio Lower Upper
65 100
92 66.3 52.1 78.1
138 99.6 77.4 116.2

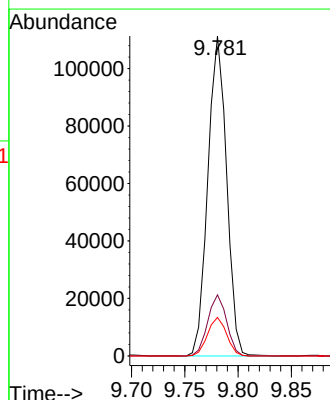
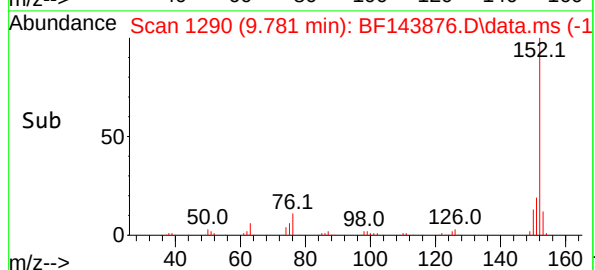
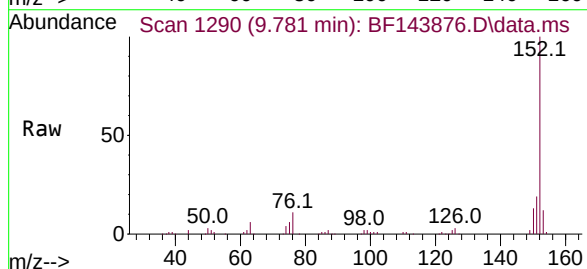
Manual Integrations
APPROVED

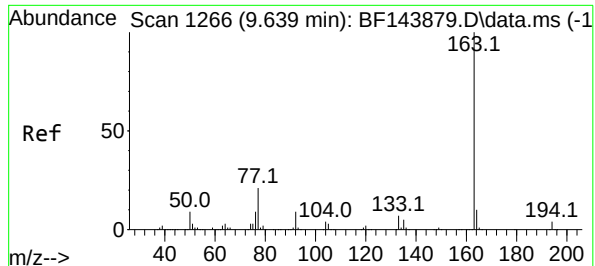
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#49
Acenaphthylene
Concen: 5.788 ng
RT: 9.781 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

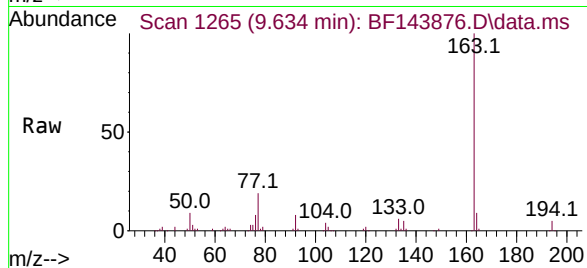
Tgt Ion:152 Resp: 136204
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.6
153 12.0 10.5 15.7





#50
Dimethylphthalate
Concen: 5.677 ng
RT: 9.634 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

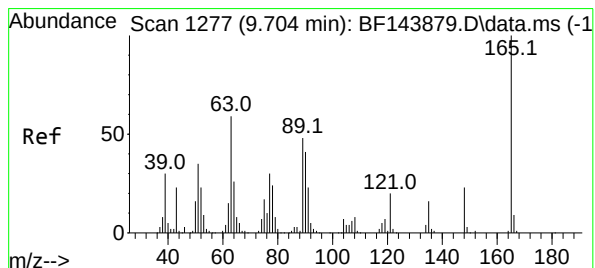
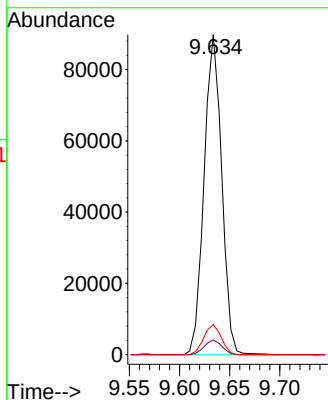
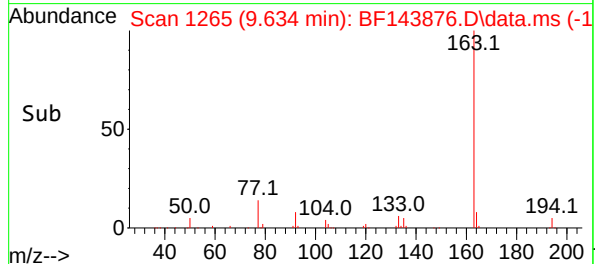
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



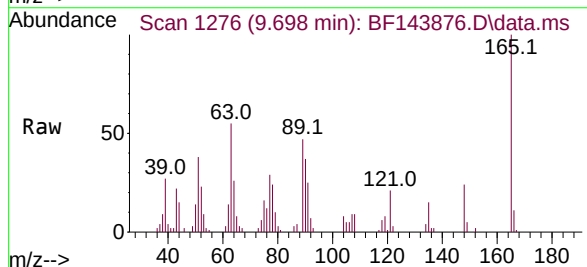
Tgt Ion:163 Resp: 109323
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 9.4 8.1 12.1

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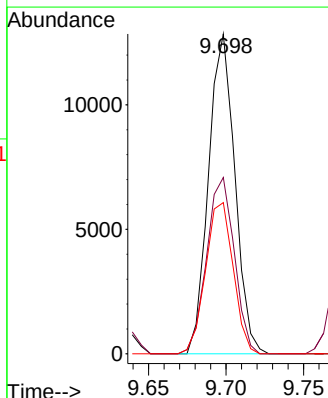
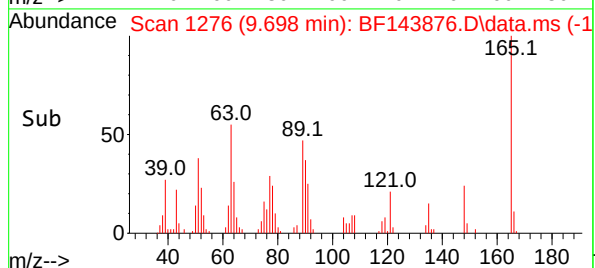
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

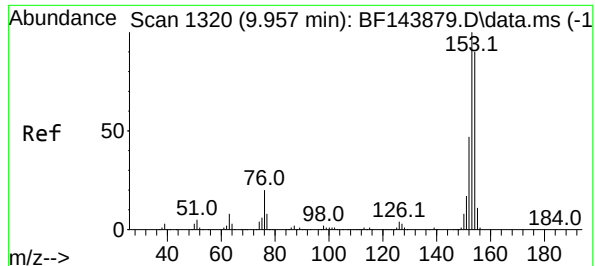


#51
2,6-Dinitrotoluene
Concen: 4.265 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



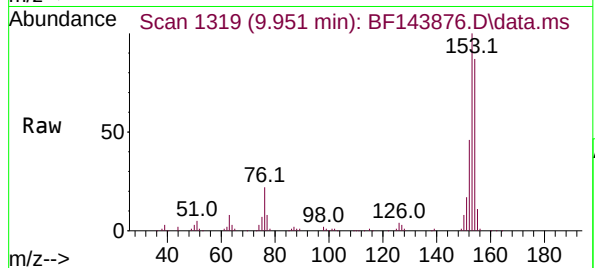
Tgt Ion:165 Resp: 15228
Ion Ratio Lower Upper
165 100
63 55.1 47.3 70.9
89 47.3 38.2 57.4





#52
Acenaphthene
Concen: 5.787 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

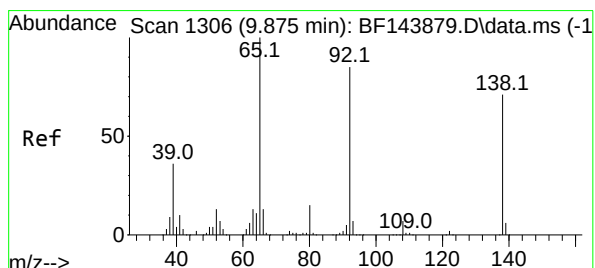
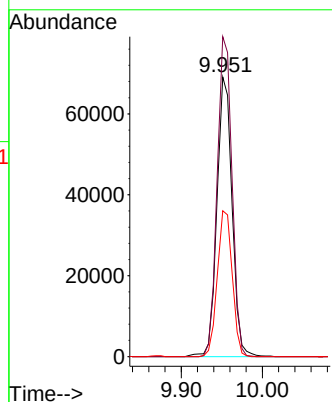
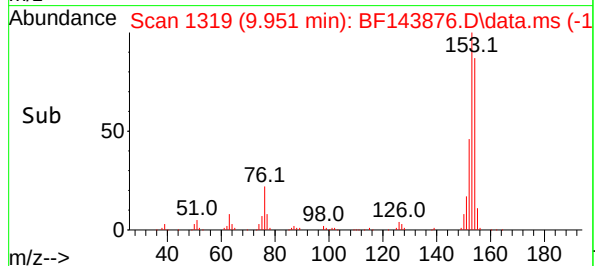
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 89242
Ion Ratio Lower Upper
154 100
153 114.5 89.3 133.9
152 52.2 42.2 63.2

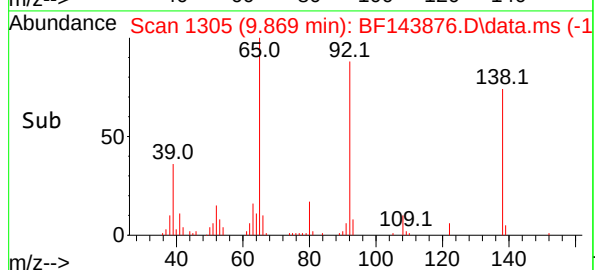
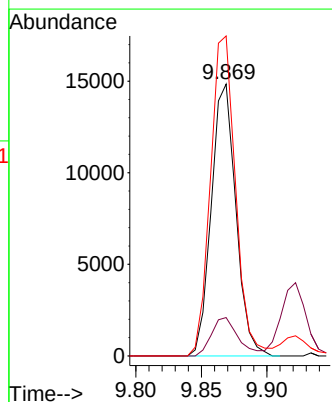
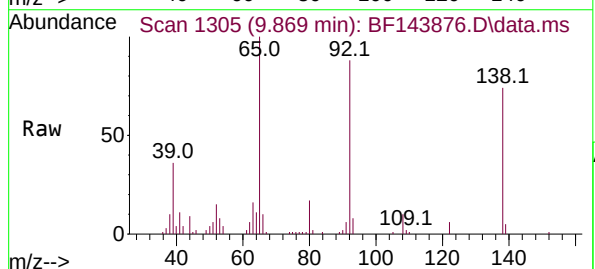
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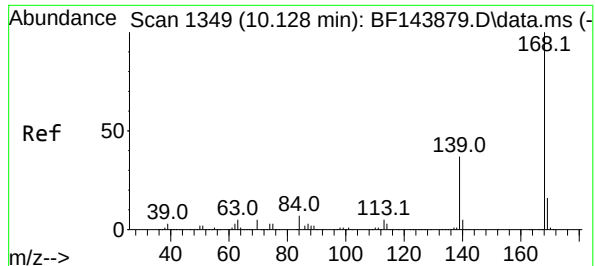
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#53
3-Nitroaniline
Concen: 4.437 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:138 Resp: 19400
Ion Ratio Lower Upper
138 100
108 14.1 8.3 12.5#
92 117.8 96.2 144.2





#55

Dibenzenofuran

Concen: 5.852 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143876.D

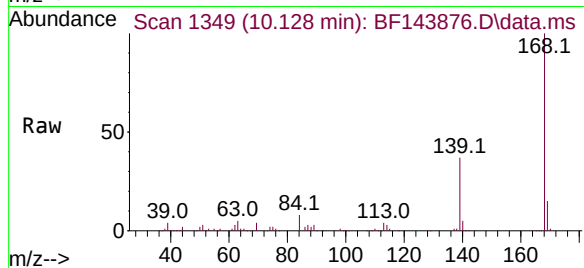
Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:168 Resp: 127374

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

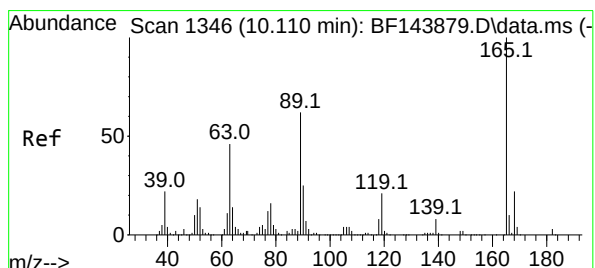
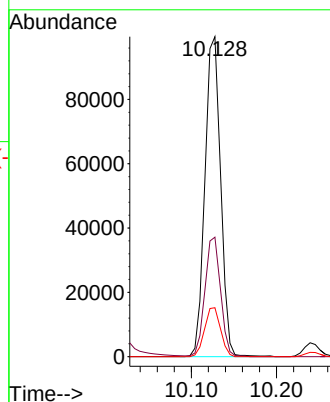
169 15.3 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#57

2,4-Dinitrotoluene

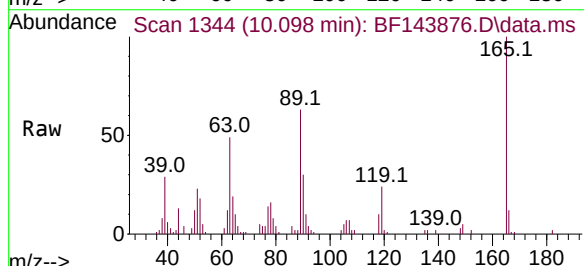
Concen: 3.932 ng

RT: 10.098 min Scan# 1344

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28



Tgt Ion:165 Resp: 19103

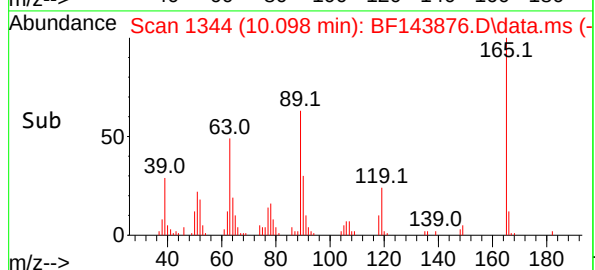
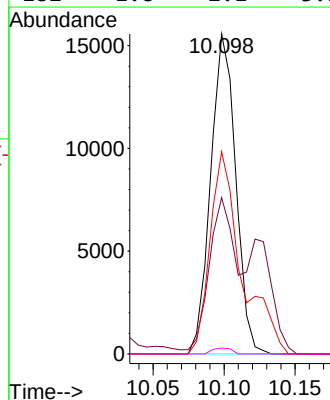
Ion Ratio Lower Upper

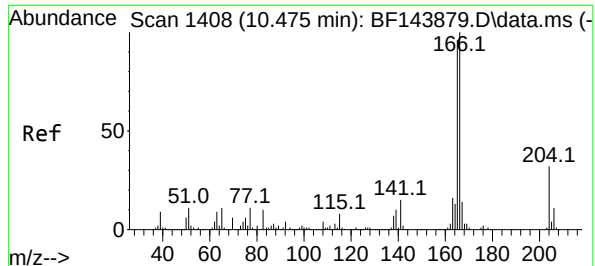
165 100

63 48.8 37.2 55.8

89 63.2 49.4 74.2

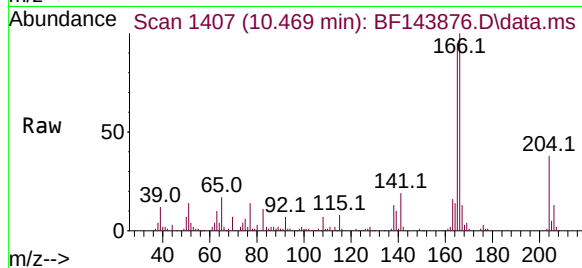
182 1.8 2.1 3.1#





#58
Fluorene
Concen: 6.430 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

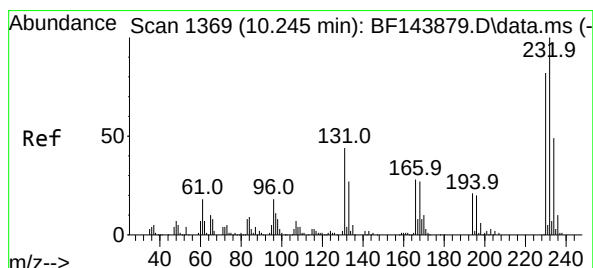
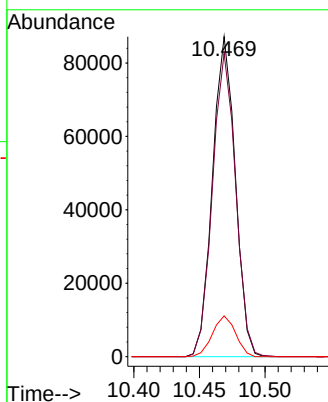
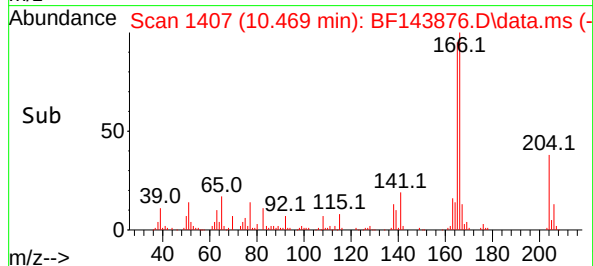
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 105607
Ion Ratio Lower Upper
166 100
165 94.8 77.0 115.6
167 12.7 11.1 16.7

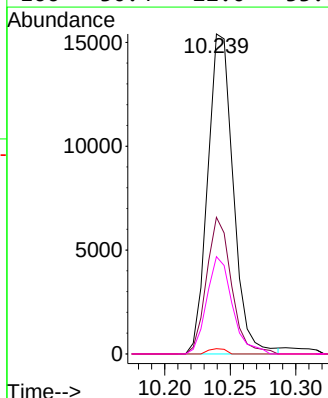
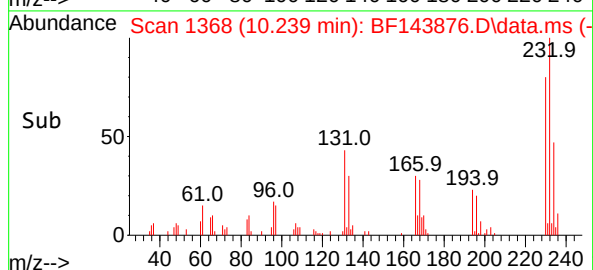
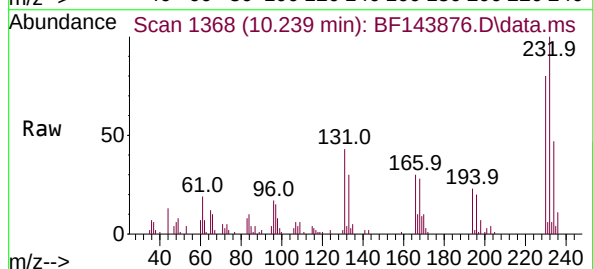
Manual Integrations
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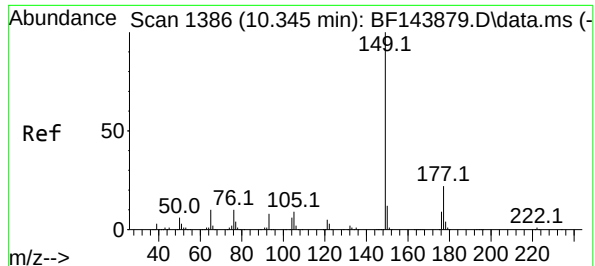
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.560 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:232 Resp: 20888
Ion Ratio Lower Upper
232 100
131 41.6 34.9 52.3
130 1.1 1.6 2.4#
166 30.4 22.0 33.0





#60

Diethylphthalate

Concen: 5.590 ng

RT: 10.339 min Scan# 1385

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:149 Resp: 100010

Ion Ratio Lower Upper

149 100

177 22.2 17.9 26.9

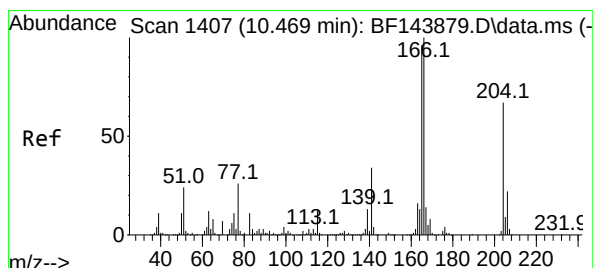
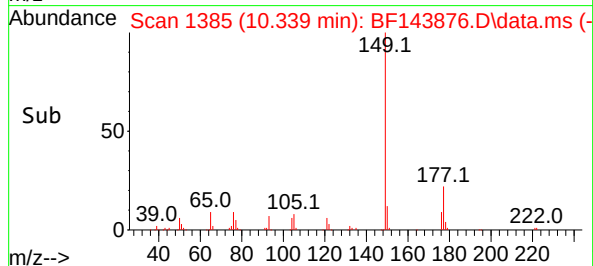
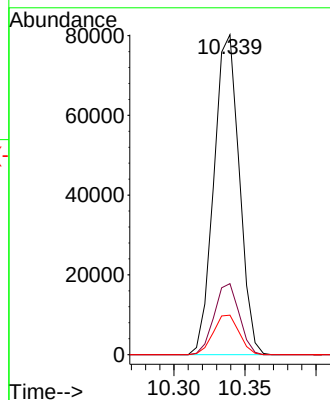
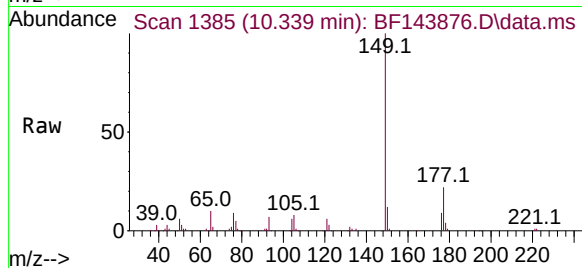
150 12.3 9.8 14.8

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#61

4-Chlorophenyl-phenylether

Concen: 6.011 ng

RT: 10.463 min Scan# 1406

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

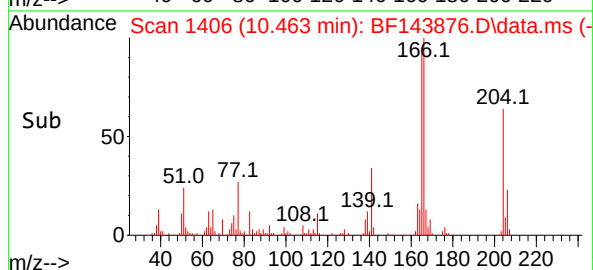
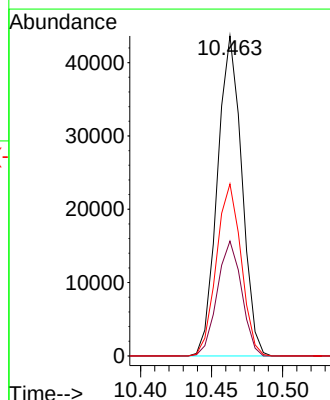
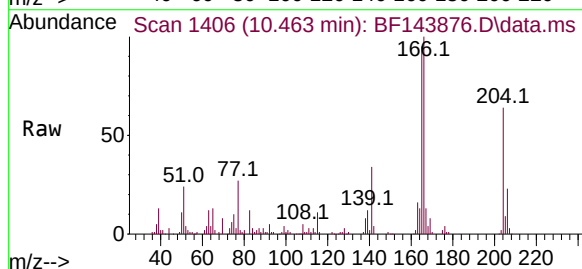
Tgt Ion:204 Resp: 52199

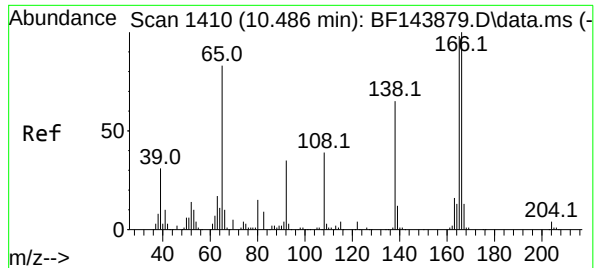
Ion Ratio Lower Upper

204 100

206 35.9 26.6 40.0

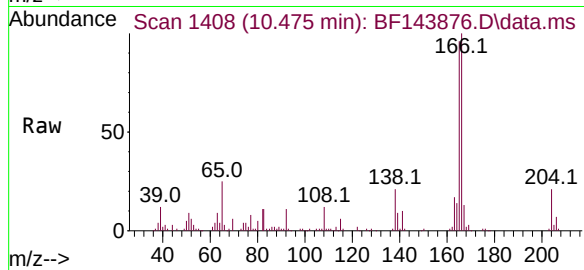
141 53.7 40.4 60.6





#62
4-Nitroaniline
Concen: 4.625 ng
RT: 10.475 min Scan# 1410
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

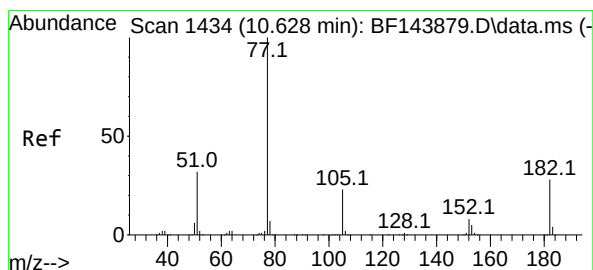
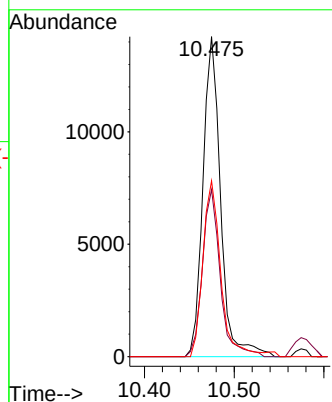
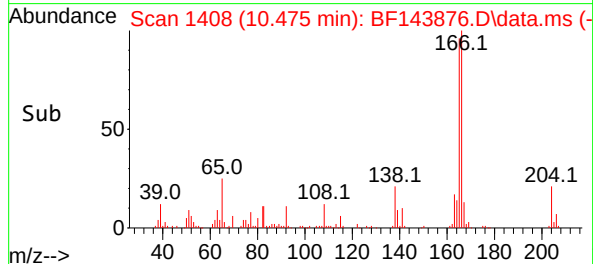
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 1944
Ion Ratio Lower Upper
138 100
92 52.2 33.9 73.9
108 54.9 40.2 80.2

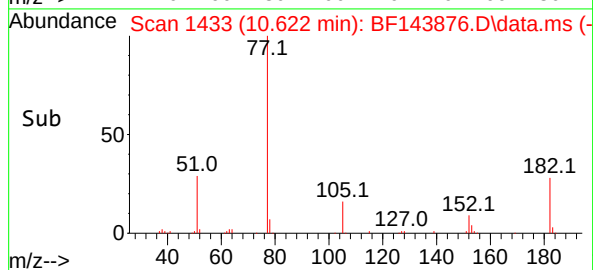
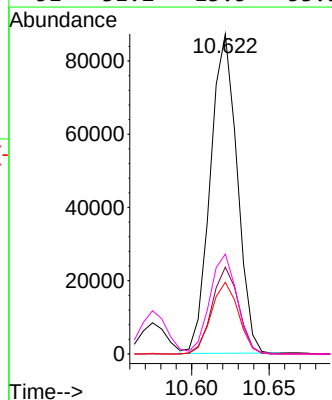
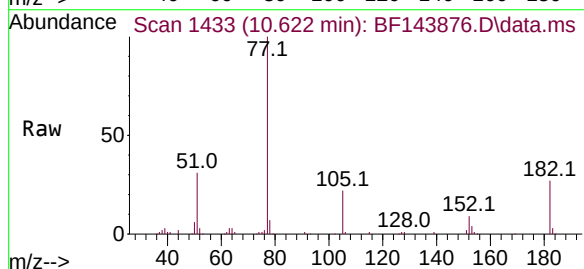
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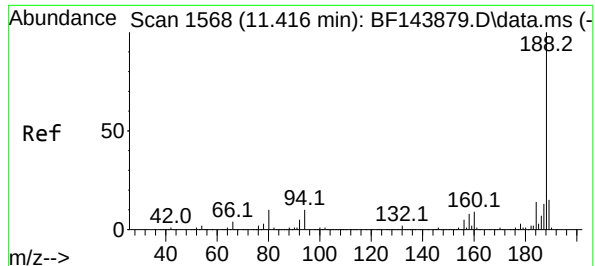
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#63
Azobenzene
Concen: 5.625 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

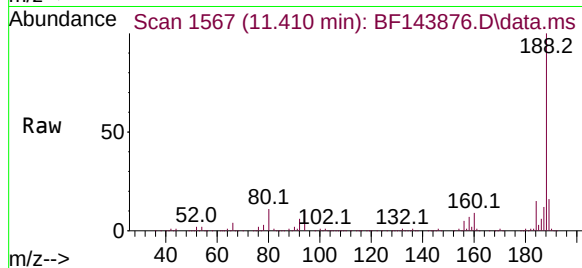
Tgt Ion: 77 Resp: 105174
Ion Ratio Lower Upper
77 100
182 27.1 7.3 47.3
105 22.4 3.0 43.0
51 31.2 13.5 53.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

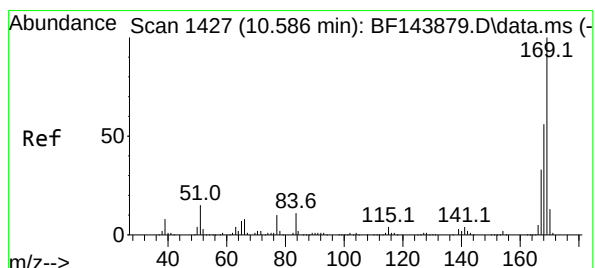
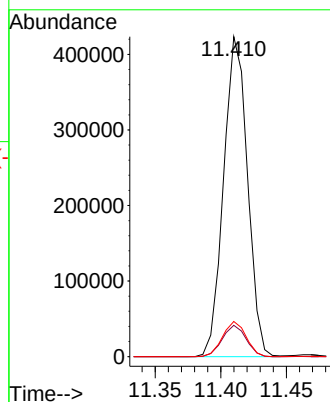
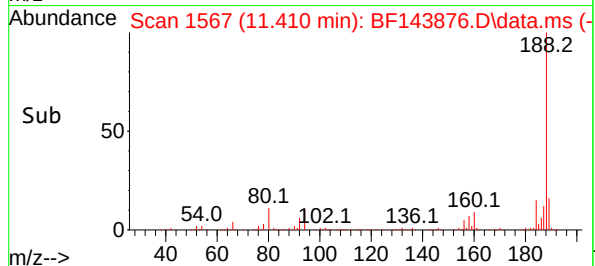
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:188 Resp: 538298
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 11.0 7.9 11.9

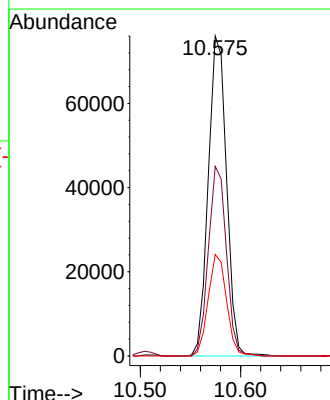
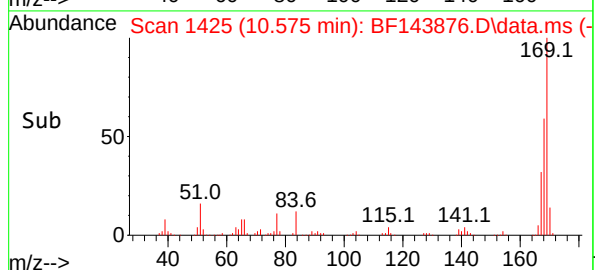
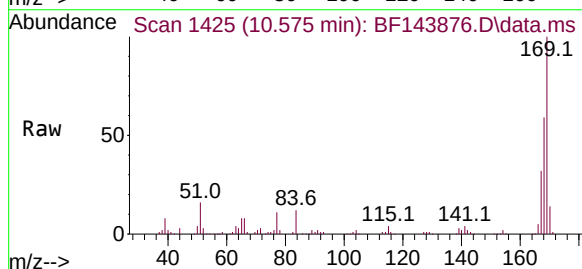
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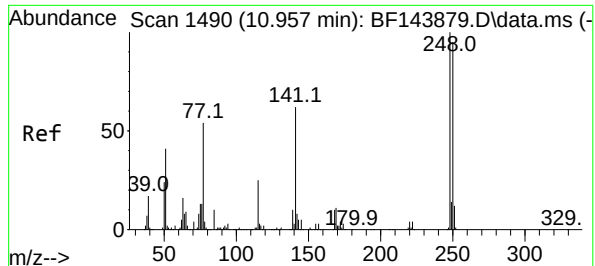
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#66
n-Nitrosodiphenylamine
Concen: 5.671 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

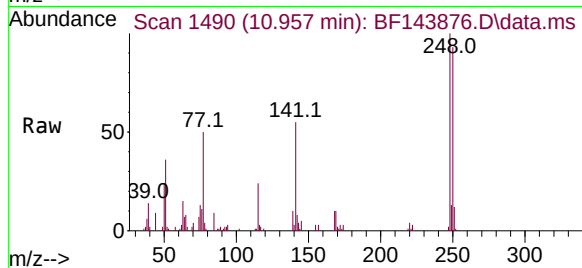
Tgt Ion:169 Resp: 95847
Ion Ratio Lower Upper
169 100
168 59.2 44.9 67.3
167 31.7 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 5.587 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

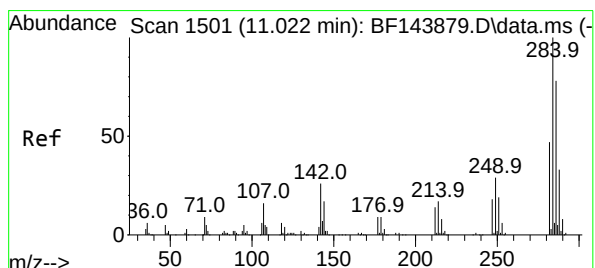
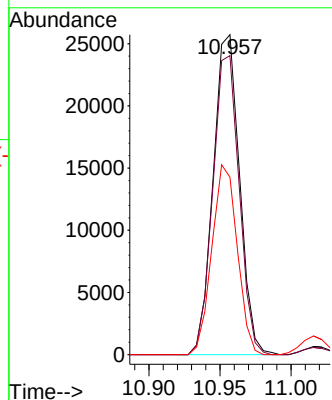
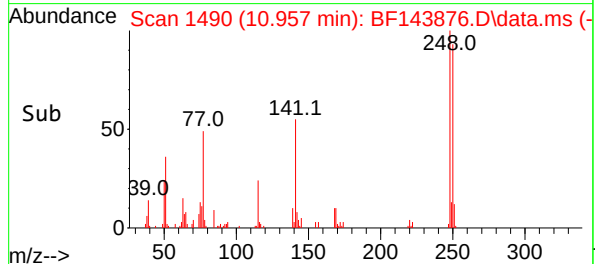
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



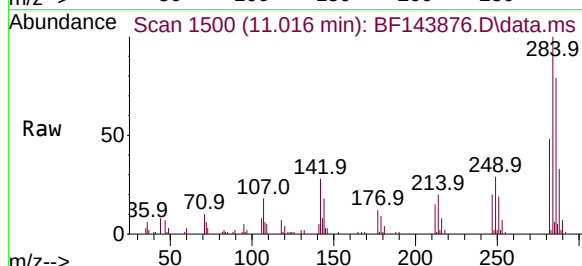
Tgt Ion:248 Resp: 33236
Ion Ratio Lower Upper
248 100
250 93.4 76.3 114.5
141 55.4 49.7 74.5

Manual Integrations
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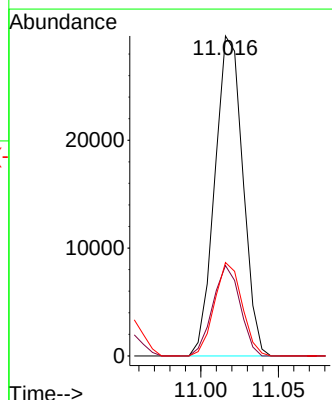
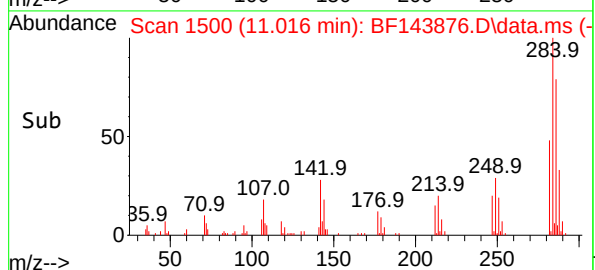
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

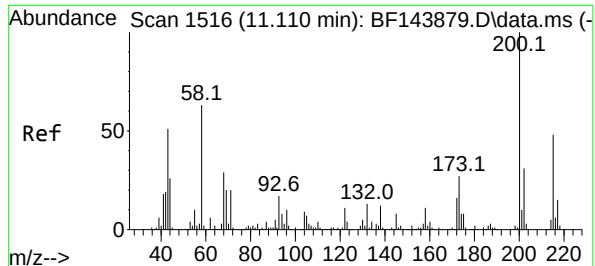


#68
Hexachlorobenzene
Concen: 5.406 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



Tgt Ion:284 Resp: 37233
Ion Ratio Lower Upper
284 100
142 28.2 20.6 30.8
249 29.2 23.2 34.8





#69

Atrazine

Concen: 5.174 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 2650

Ion Ratio Lower Upper

200 100

173 30.3 7.0 47.0

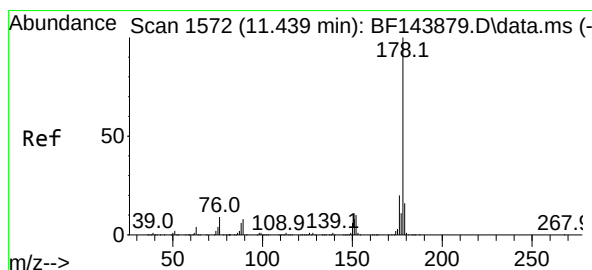
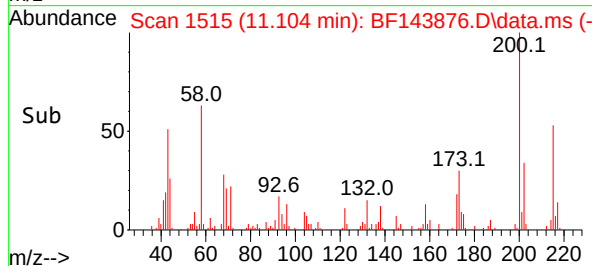
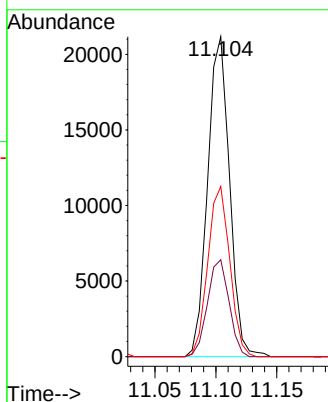
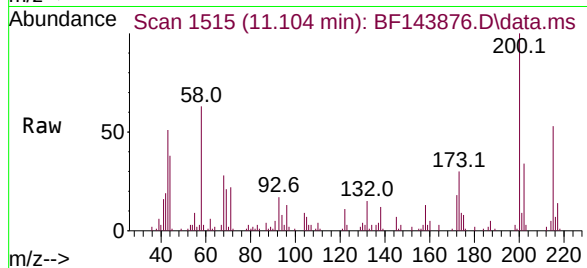
215 53.2 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#71

Phenanthrene

Concen: 6.004 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

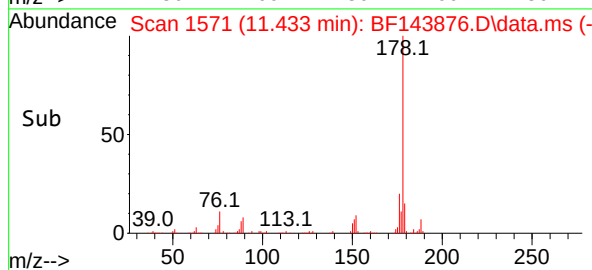
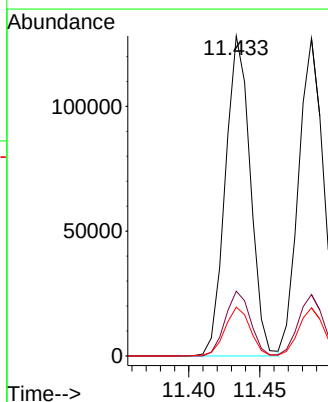
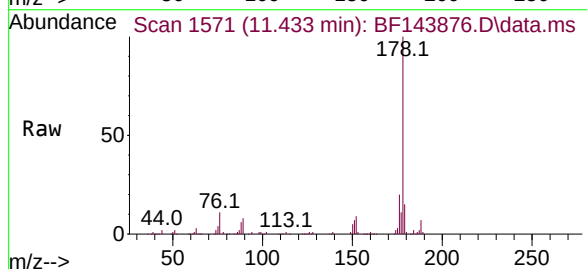
Tgt Ion:178 Resp: 156676

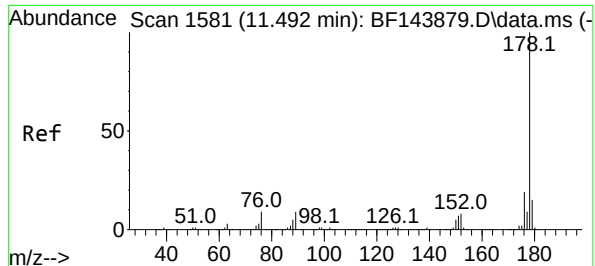
Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

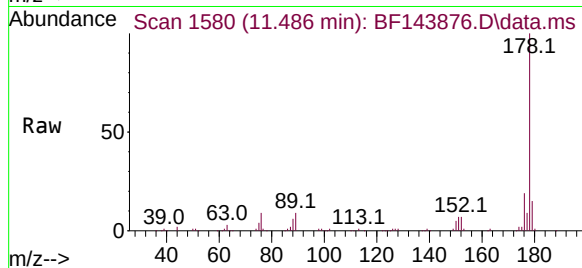
179 15.2 12.4 18.6





#72
Anthracene
Concen: 5.928 ng
RT: 11.486 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

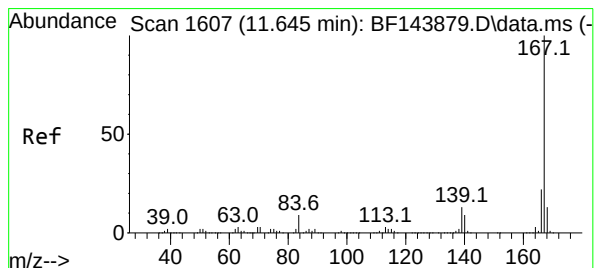
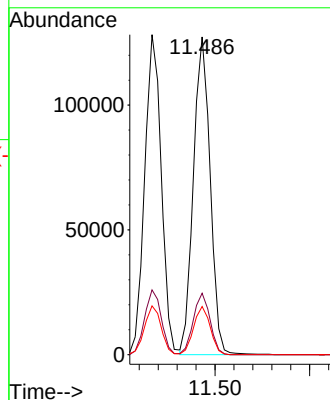
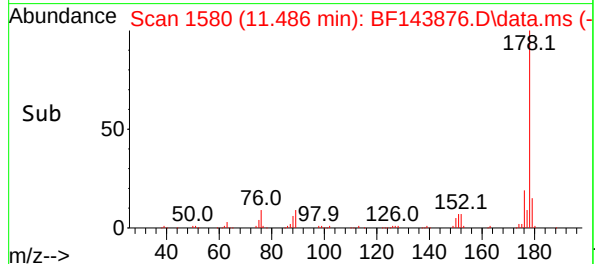
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:178 Resp: 156289
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 15.1 12.2 18.2

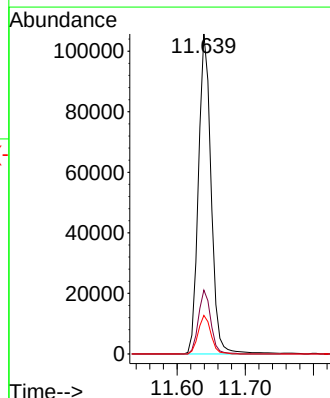
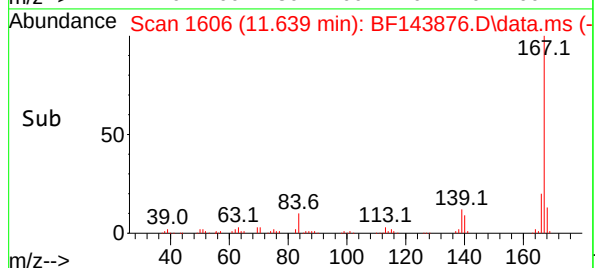
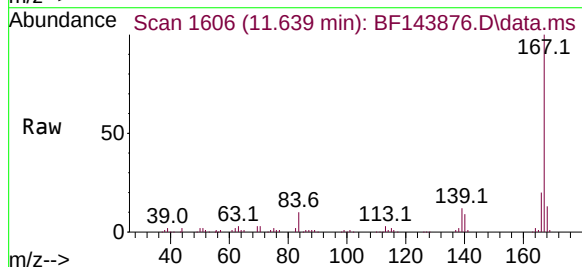
Manual Integrations
APPROVED

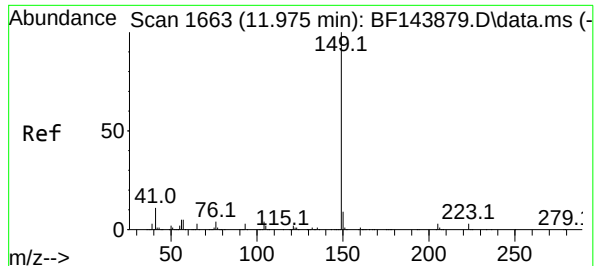
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#73
Carbazole
Concen: 5.850 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

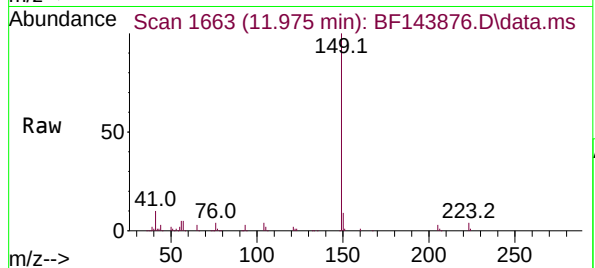
Tgt Ion:167 Resp: 136597
Ion Ratio Lower Upper
167 100
166 19.9 17.2 25.8
139 12.0 10.1 15.1





#74
Di-n-butylphthalate
Concen: 5.417 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

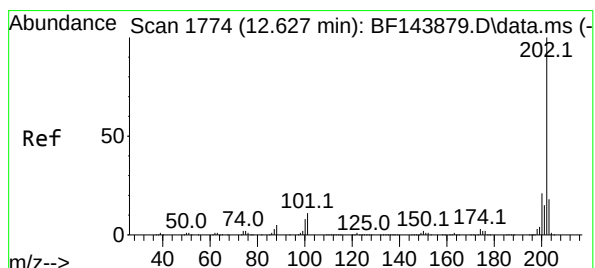
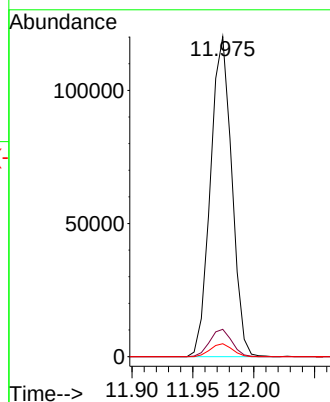
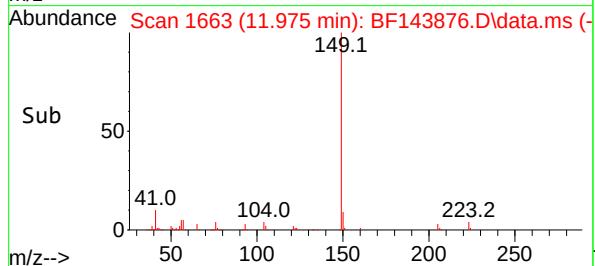
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 146596
Ion Ratio Lower Upper
149 100
150 8.5 7.4 11.2
104 4.0 3.4 5.2

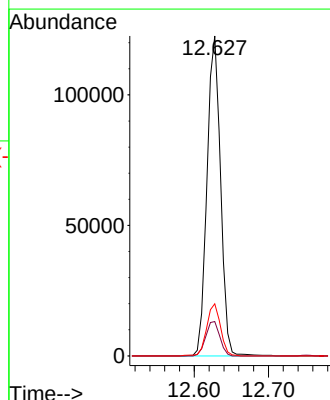
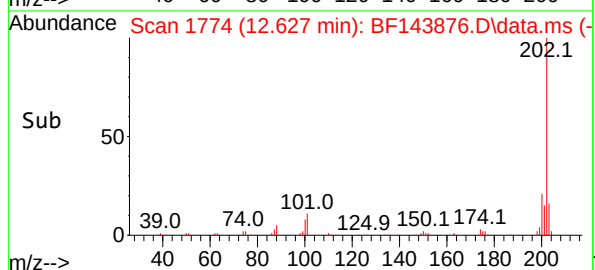
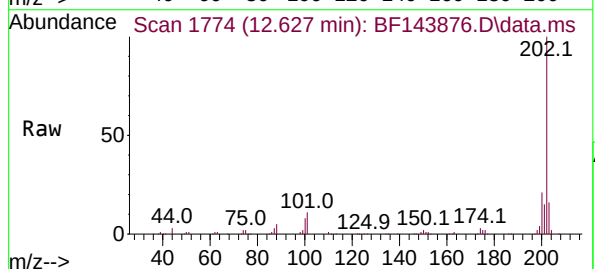
Manual Integrations
APPROVED

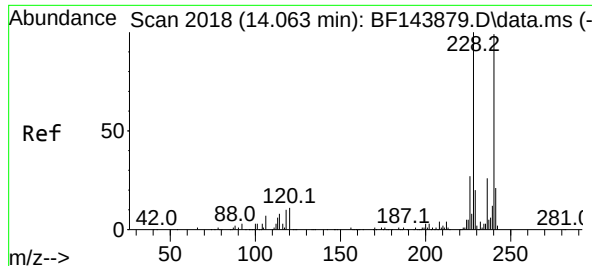
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#75
Fluoranthene
Concen: 5.771 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

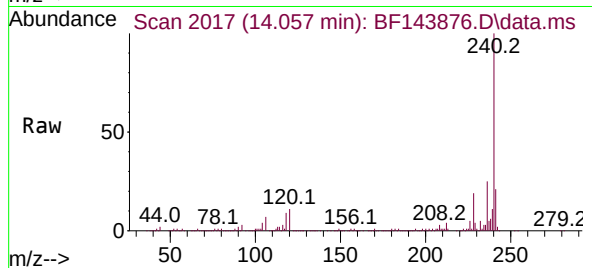
Tgt Ion:202 Resp: 155574
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 16.3 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

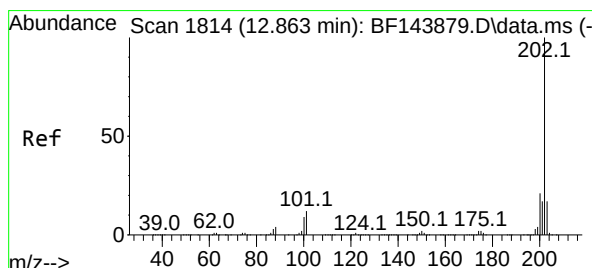
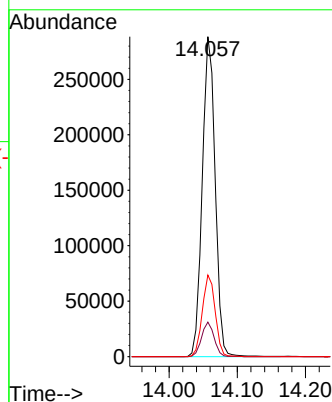
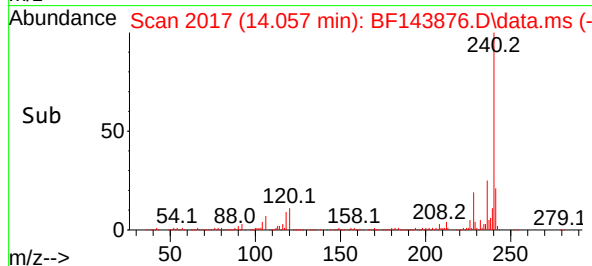
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



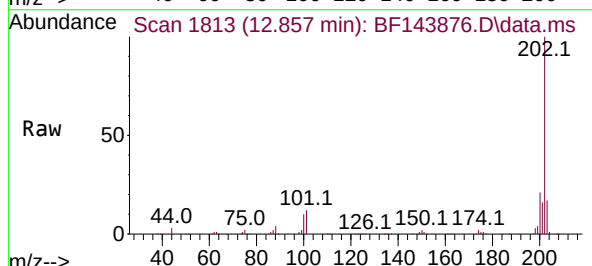
Tgt Ion:240 Resp: 379937
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 25.5 21.1 31.7

Manual Integrations
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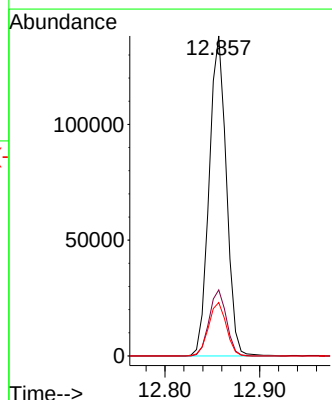
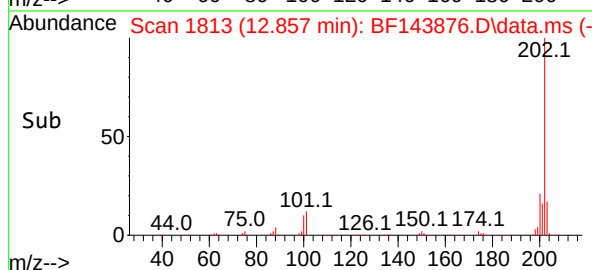
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

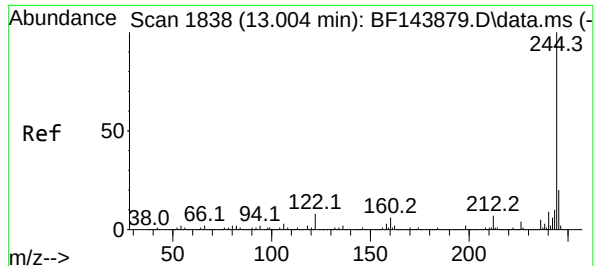


#78
Pyrene
Concen: 5.510 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



Tgt Ion:202 Resp: 174542
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 16.7 13.8 20.6





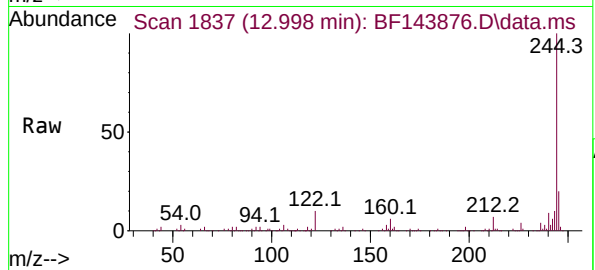
#79
Terphenyl-d14
Concen: 11.121 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

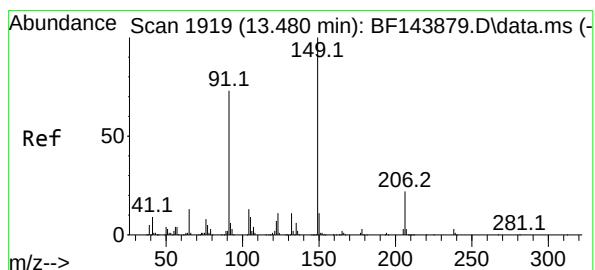
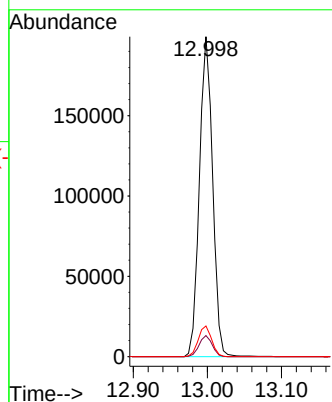
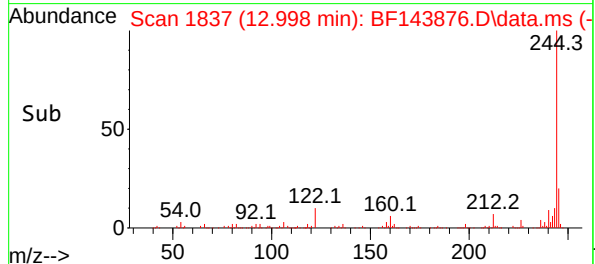


Tgt Ion:244 Resp: 247223
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.6 6.4 9.6

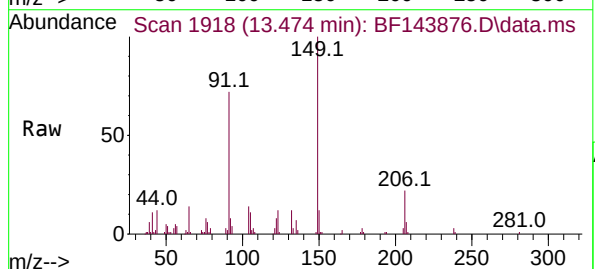
Manual Integrations

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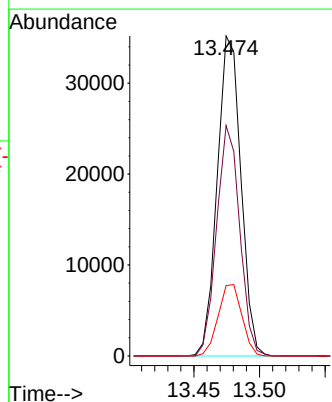
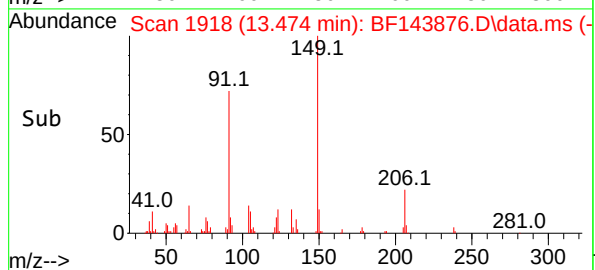
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

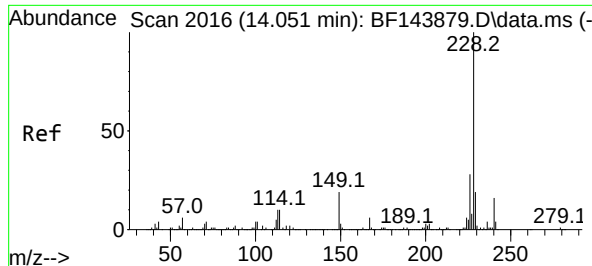


#80
Butylbenzylphthalate
Concen: 4.302 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



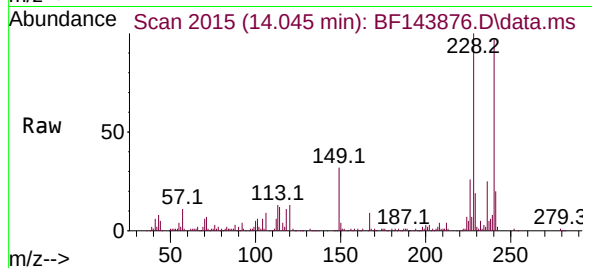
Tgt Ion:149 Resp: 44252
Ion Ratio Lower Upper
149 100
91 72.0 58.2 87.2
206 22.0 17.9 26.9





#81
Benzo(a)anthracene
Concen: 5.125 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

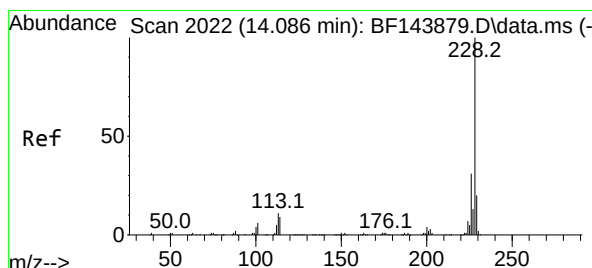
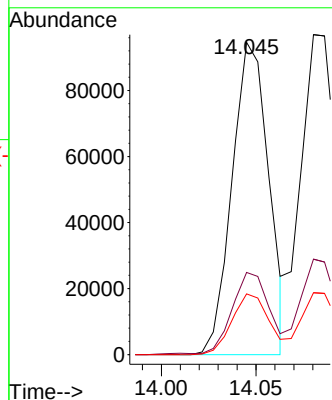
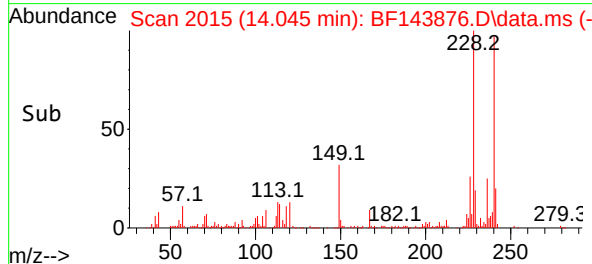
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 127434
Ion Ratio Lower Upper
228 100
226 26.3 22.2 33.2
229 19.4 15.6 23.4

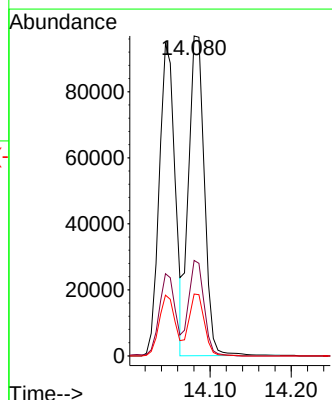
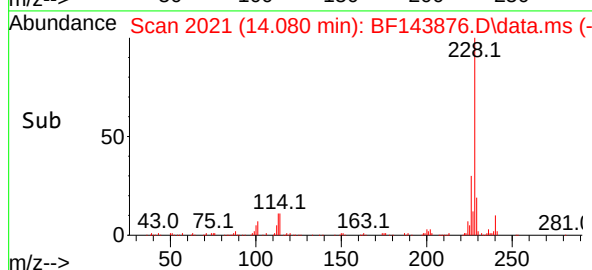
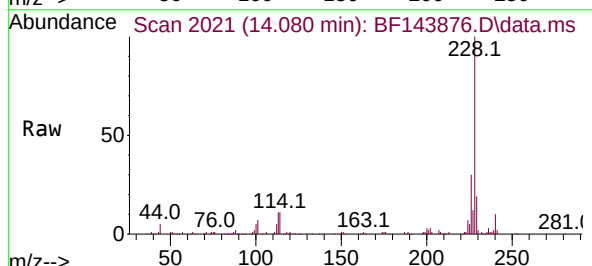
Manual Integrations
APPROVED

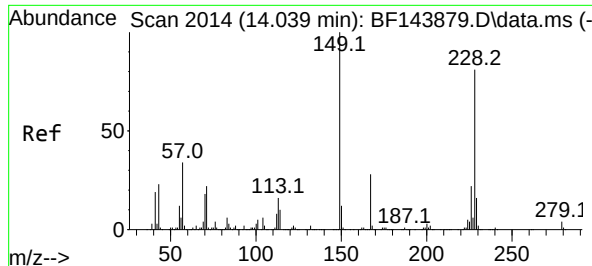
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#83
Chrysene
Concen: 5.669 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

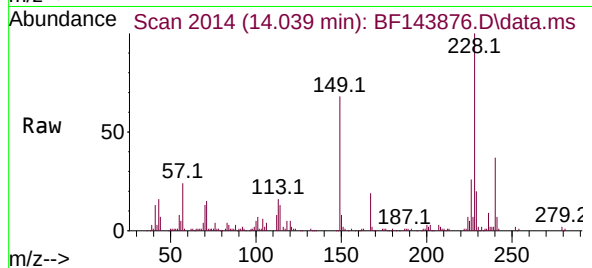
Tgt Ion:228 Resp: 130450
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 19.3 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.529 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

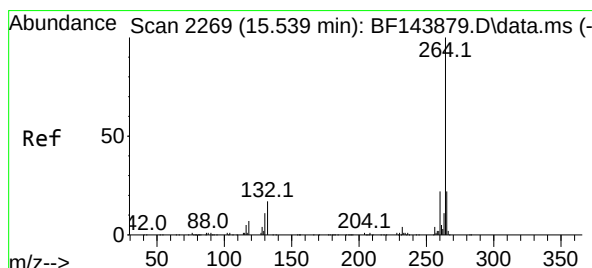
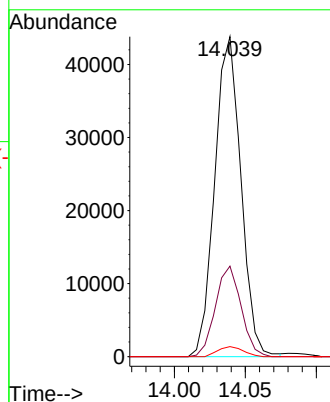
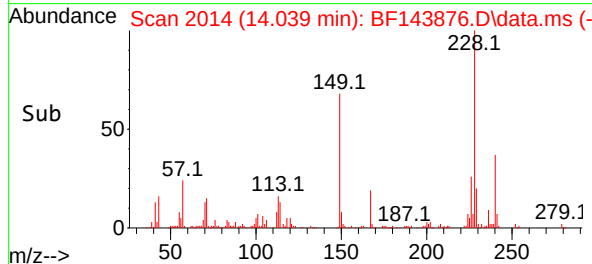
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 56165
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 3.1 3.1 4.7

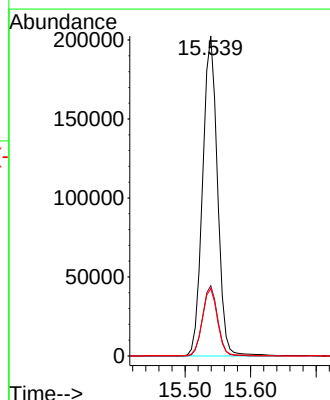
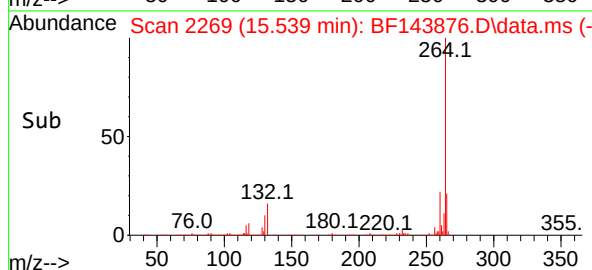
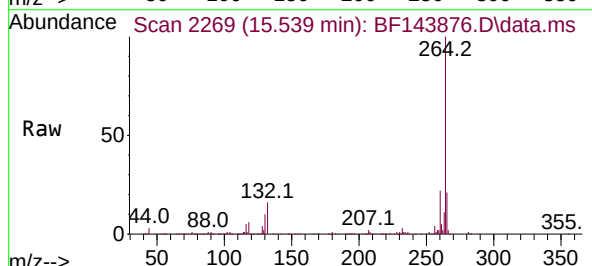
Manual Integrations
APPROVED

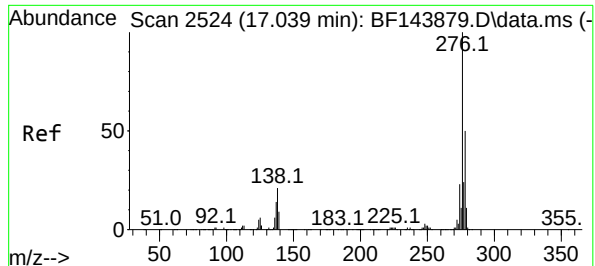
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:264 Resp: 317181
Ion Ratio Lower Upper
264 100
260 21.9 17.8 26.8
265 21.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.544 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:276 Resp: 8832

Ion Ratio Lower Upper

276 100

138 26.7 18.2 27.2

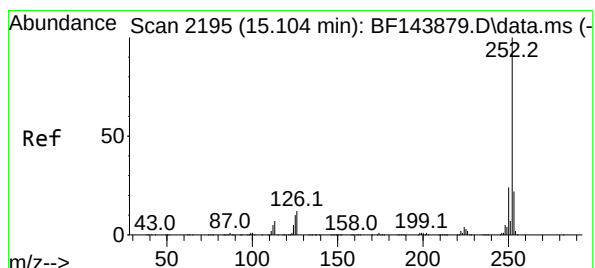
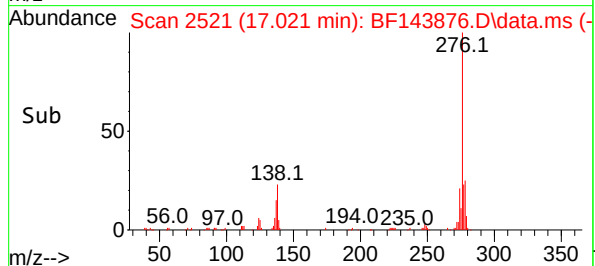
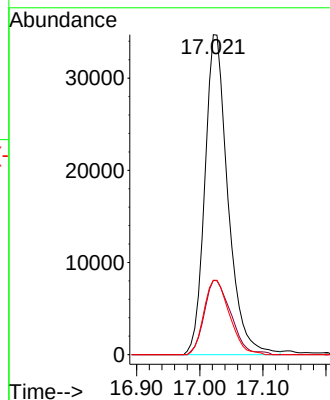
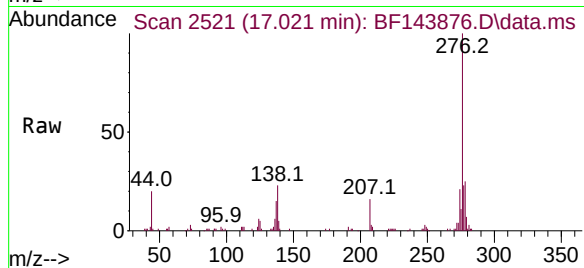
277 25.7 19.8 29.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 5.255 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

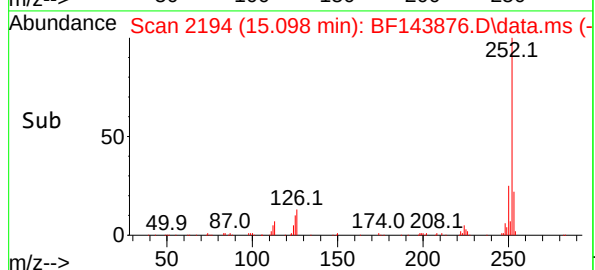
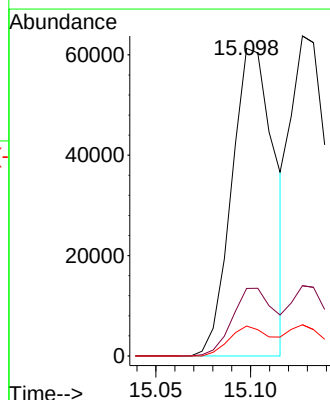
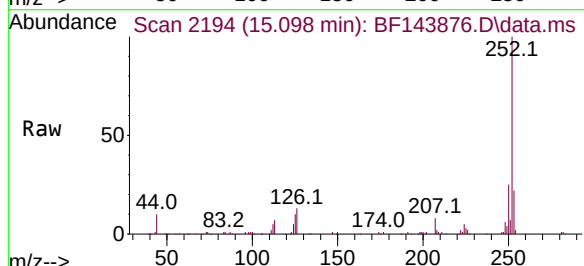
Tgt Ion:252 Resp: 95737

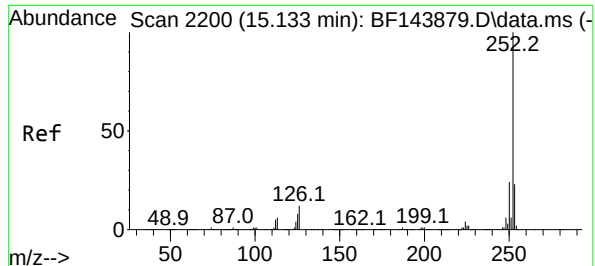
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 5.352 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

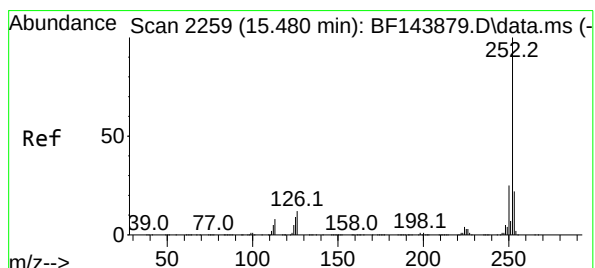
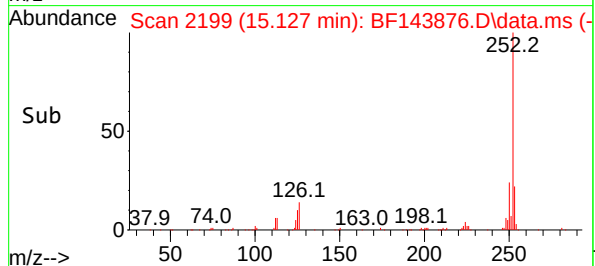
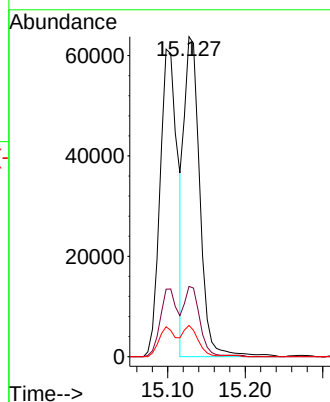
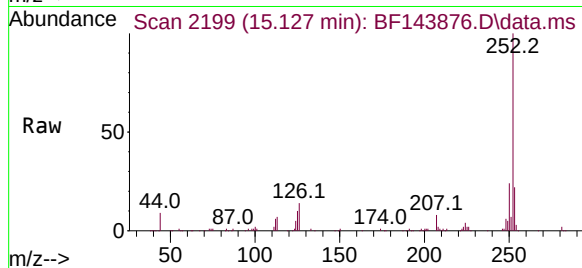
Tgt Ion:252 Resp: 90226
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 9.7 7.4 11.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 5.018 ng

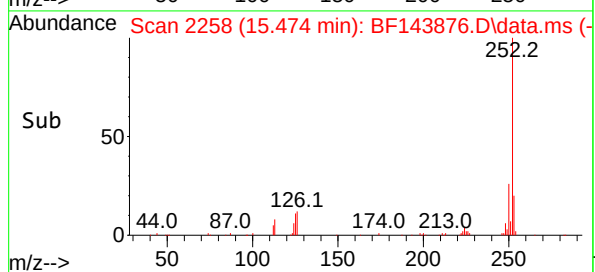
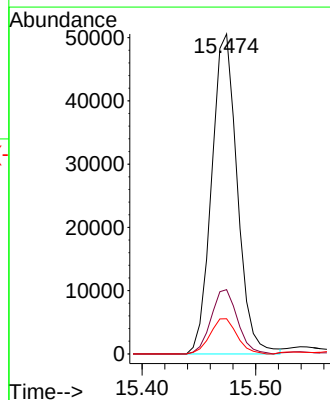
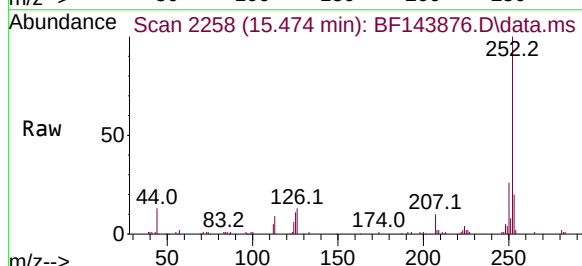
RT: 15.474 min Scan# 2258

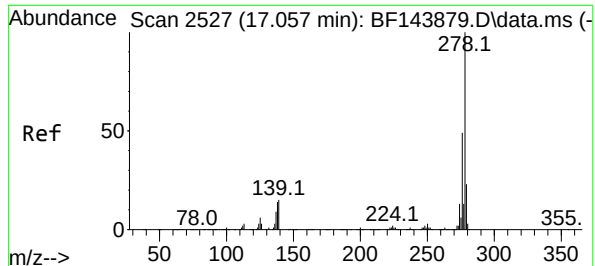
Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:252 Resp: 79275
Ion Ratio Lower Upper
252 100
253 20.1 17.3 25.9
125 11.0 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 4.507 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:278 Resp: 70452

Ion Ratio Lower Upper

278 100

139 16.2 11.7 17.5

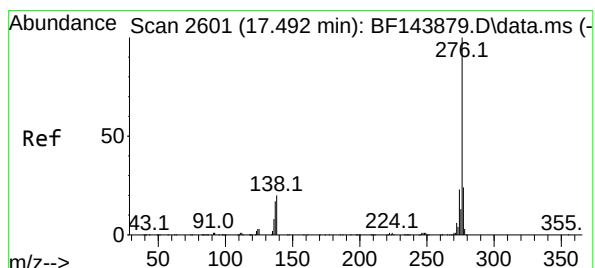
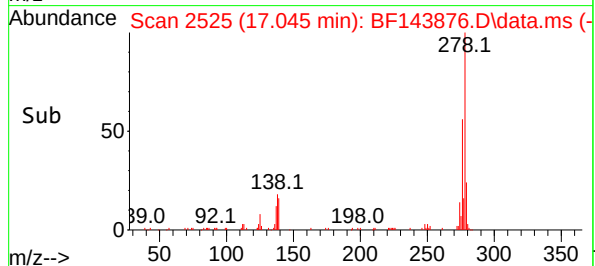
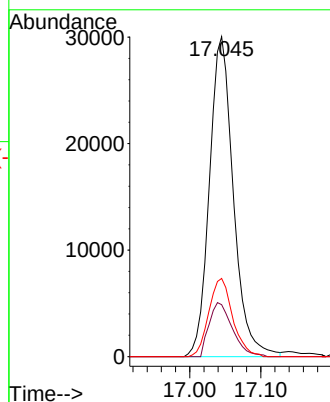
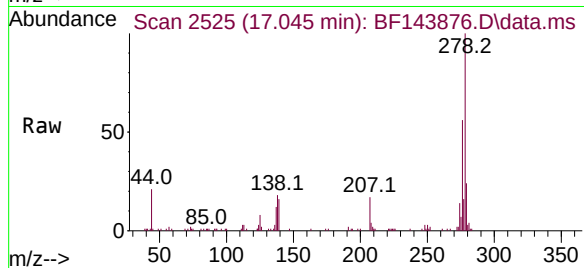
279 24.4 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#92

Benzo(g,h,i)perylene

Concen: 4.508 ng

RT: 17.474 min Scan# 2598

Delta R.T. -0.041 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

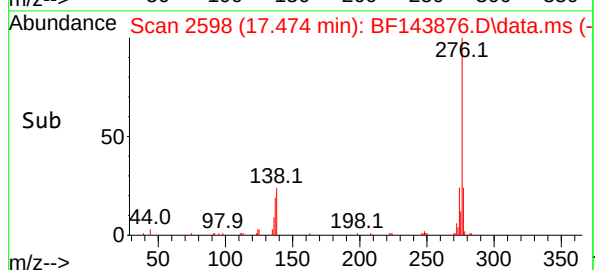
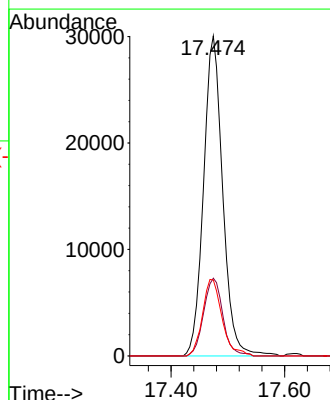
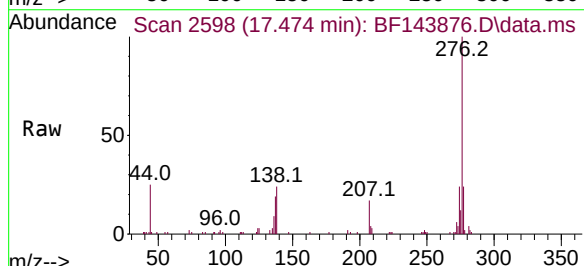
Tgt Ion:276 Resp: 70468

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.6

138 23.7 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143877.D
 Acq On : 06 Oct 2025 10:57
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	126533	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	493548	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	283821	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	504357	20.000	ng	0.00
76) Chrysene-d12	14.057	240	366499	20.000	ng	-0.01
86) Perylene-d12	15.539	264	297391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	170697	21.422	ng	-0.01
7) Phenol-d6	6.493	99	206358	21.727	ng	-0.02
23) Nitrobenzene-d5	7.440	82	164127	20.204	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	54453	19.262	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	404164	22.595	ng	-0.01
79) Terphenyl-d14	12.998	244	442968	20.657	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	37665	10.215	ng	96
3) Pyridine	3.399	79	105800	9.856	ng	99
4) n-Nitrosodimethylamine	3.322	42	49793	8.818	ng	99
6) Aniline	6.540	93	147222	10.344	ng	98
8) 2-Chlorophenol	6.663	128	77754	9.983	ng	97
9) Benzaldehyde	6.434	77	70546	9.629	ng	98
10) Phenol	6.510	94	114780m	10.109	ng	
11) bis(2-Chloroethyl)ether	6.610	93	92208	10.513	ng	98
12) 1,3-Dichlorobenzene	6.822	146	100630	10.793	ng	96
13) 1,4-Dichlorobenzene	6.898	146	101588	11.046	ng	97
14) 1,2-Dichlorobenzene	7.051	146	95345	10.824	ng	98
15) Benzyl Alcohol	7.016	79	70756	9.943	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	214183	10.728	ng	99
17) 2-Methylphenol	7.122	107	66872	10.389	ng	96
18) Hexachloroethane	7.398	117	32160	10.486	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	71731	11.034	ng	94
20) 3+4-Methylphenols	7.275	107	88634	11.881	ng	95
22) Acetophenone	7.287	105	113751	10.900	ng	96
24) Nitrobenzene	7.457	77	86228	9.558	ng	96
25) Isophorone	7.698	82	174767	10.203	ng	98
26) 2-Nitrophenol	7.781	139	32787	8.477	ng	95
27) 2,4-Dimethylphenol	7.810	122	70960	10.199	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	116898	10.804	ng	95
29) 2,4-Dichlorophenol	8.016	162	72141	9.954	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	73668	10.336	ng	98
31) Naphthalene	8.187	128	245857	10.951	ng	99
32) Benzoic acid	7.869	122	32361m	6.721	ng	
33) 4-Chloroaniline	8.234	127	91294	10.842	ng	95
34) Hexachlorobutadiene	8.304	225	52824	10.665	ng	98
35) Caprolactam	8.569	113	22813	9.900	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	74546	10.708	ng	96
37) 2-Methylnaphthalene	8.875	142	168581	11.272	ng	98
38) 1-Methylnaphthalene	8.975	142	161895	11.160	ng	96
40) 1,2,4,5-Tetrachloroben...	9.039	216	83972	10.705	ng	97
41) Hexachlorocyclopentadiene	9.034	237	25812	7.932	ng	95
43) 2,4,6-Trichlorophenol	9.151	196	55929	9.758	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143877.D
 Acq On : 06 Oct 2025 10:57
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	63036	10.407	ng	98
46) 1,1'-Biphenyl	9.339	154	209528	11.150	ng	99
47) 2-Chloronaphthalene	9.363	162	169672	10.829	ng	96
48) 2-Nitroaniline	9.457	65	45663	9.219	ng	96
49) Acenaphthylene	9.781	152	241454	10.962	ng	98
50) Dimethylphthalate	9.633	163	191729	10.638	ng	99
51) 2,6-Dinitrotoluene	9.698	165	28928	8.655	ng	95
52) Acenaphthene	9.957	154	158214	10.962	ng	99
53) 3-Nitroaniline	9.869	138	38386	9.380	ng	99
54) 2,4-Dinitrophenol	9.975	184	8624	10.761	ng	# 60
55) Dibenzofuran	10.128	168	228160	11.199	ng	97
56) 4-Nitrophenol	10.016	139	24585	7.934	ng	89
57) 2,4-Dinitrotoluene	10.098	165	40299	8.862	ng	95
58) Fluorene	10.469	166	179607	11.683	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	43052	10.041	ng	# 95
60) Diethylphthalate	10.339	149	181846	10.860	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	94000	11.565	ng	98
62) 4-Nitroaniline	10.475	138	36684	9.322	ng	95
63) Azobenzene	10.622	77	188888	10.794	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	16274	6.421	ng	96
66) n-Nitrosodiphenylamine	10.580	169	172118	10.869	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	58980	10.581	ng	96
68) Hexachlorobenzene	11.022	284	67494	10.459	ng	98
69) Atrazine	11.104	200	52016	10.837	ng	98
70) Pentachlorophenol	11.216	266	29608	7.989	ng	96
71) Phenanthrene	11.433	178	275484	11.267	ng	99
72) Anthracene	11.486	178	276694	11.201	ng	99
73) Carbazole	11.639	167	242534	11.086	ng	99
74) Di-n-butylphthalate	11.975	149	275838	10.879	ng	99
75) Fluoranthene	12.627	202	290713	11.510	ng	99
77) Benzidine	12.751	184	128424	10.092	ng	98
78) Pyrene	12.857	202	304789	9.975	ng	99
80) Butylbenzylphthalate	13.480	149	92241	9.296	ng	97
81) Benzo(a)anthracene	14.051	228	246871	10.293	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	66722	9.129	ng	# 99
83) Chrysene	14.086	228	217741	9.809	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	113431	9.483	ng	97
85) Di-n-octyl phthalate	14.657	149	153434	7.810	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	164200	9.011	ng	96
88) Benzo(b)fluoranthene	15.104	252	169146	9.901	ng	99
89) Benzo(k)fluoranthene	15.133	252	174390	11.032	ng	98
90) Benzo(a)pyrene	15.474	252	149543	10.096	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	135992	9.279	ng	97
92) Benzo(g,h,i)perylene	17.474	276	132076	9.012	ng	98

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

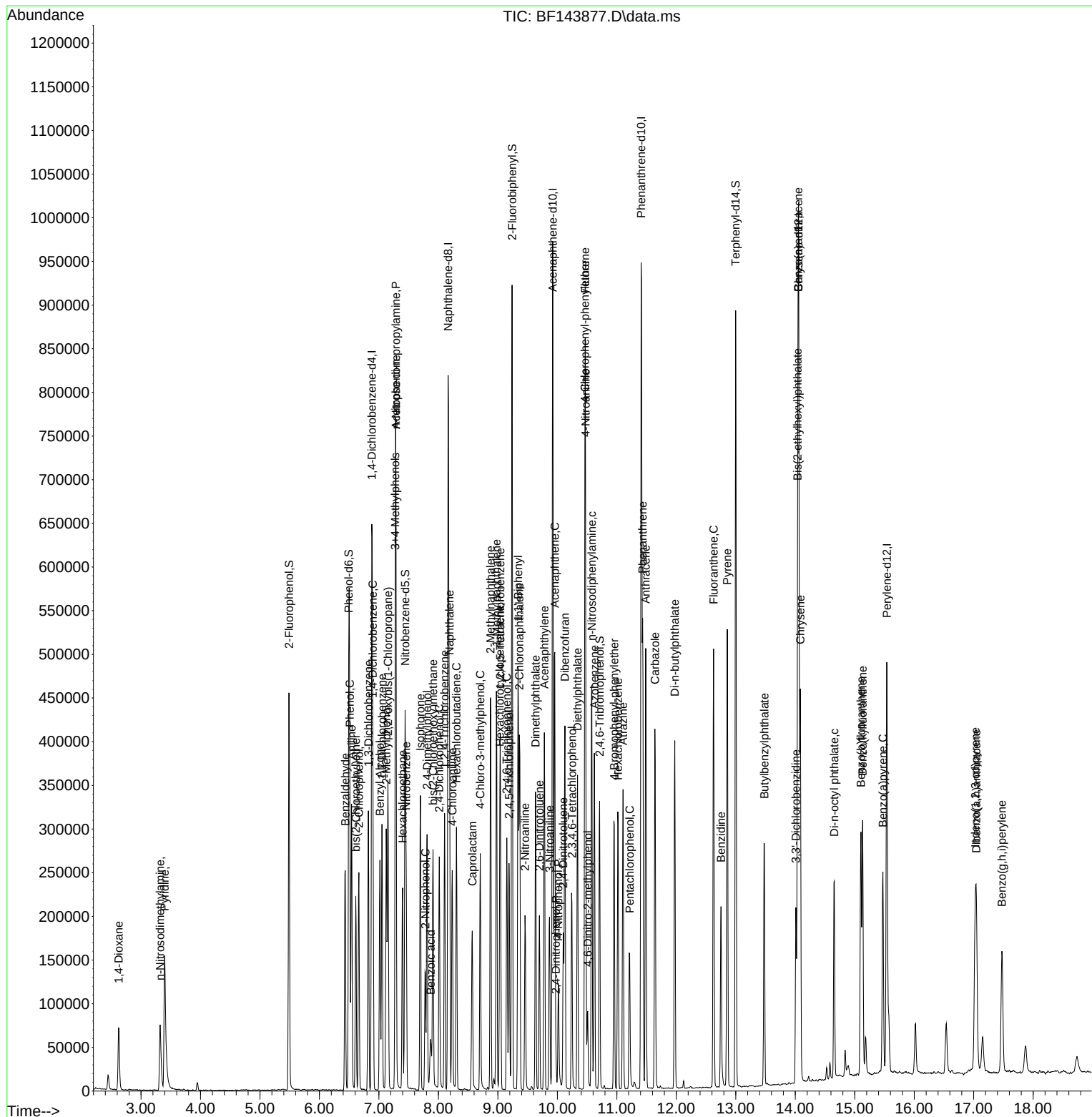

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Data File : BF143877.D  
Acq On    : 06 Oct 2025  10:57  
Operator   : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial   : 4    Sample Multiplier: 1
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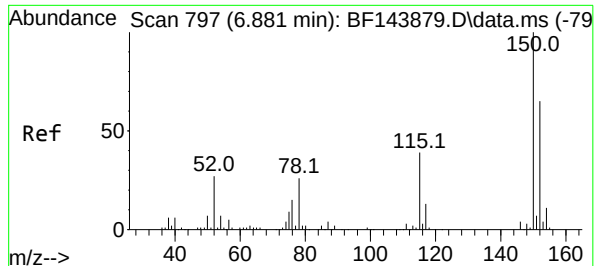
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jaagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





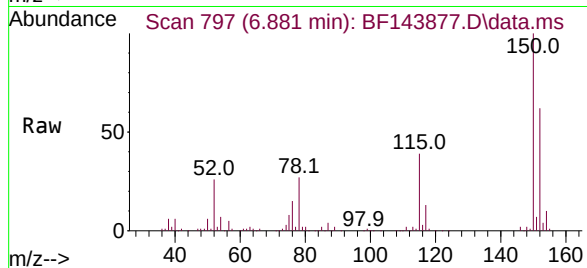
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



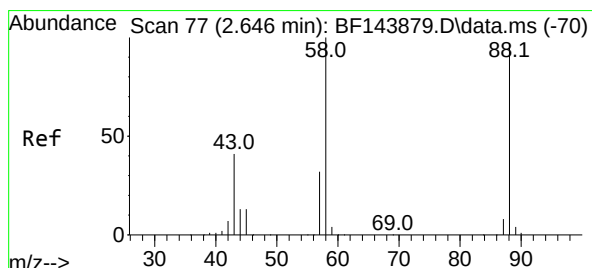
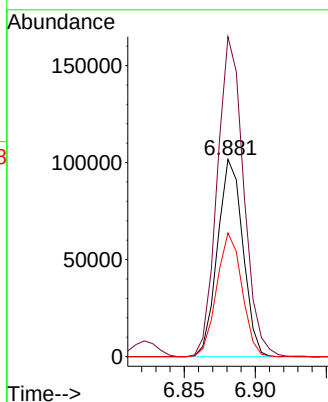
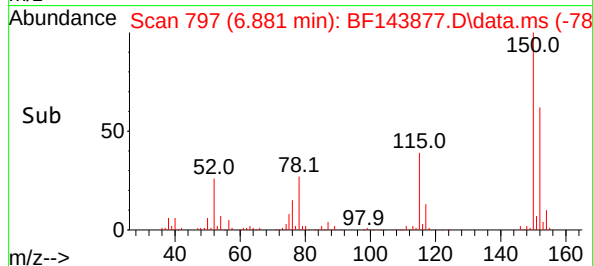
Tgt Ion:152 Resp: 126533
Ion Ratio Lower Upper
152 100
150 162.3 124.4 186.6
115 62.7 48.1 72.1

Manual Integrations

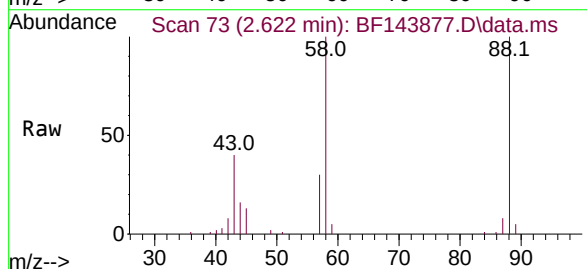
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

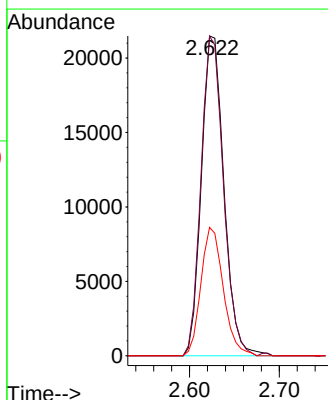
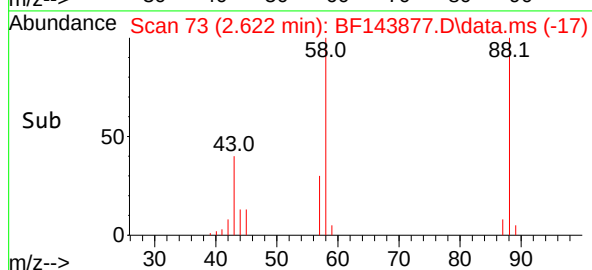
Supervised By :Jagrut Upadhyay 10/07/2025

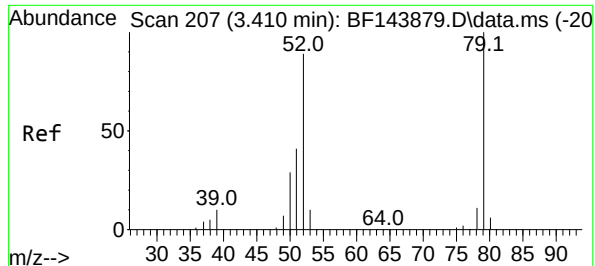


#2
1,4-Dioxane
Concen: 10.215 ng
RT: 2.622 min Scan# 73
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



Tgt Ion: 88 Resp: 37665
Ion Ratio Lower Upper
88 100
58 99.3 83.0 124.6
43 39.9 33.9 50.9





#3

Pyridine

Concen: 9.856 ng

RT: 3.399 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 105800

Ion Ratio Lower Upper

79 100

52 88.4 71.5 107.3

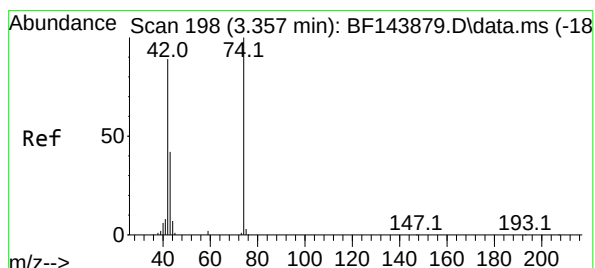
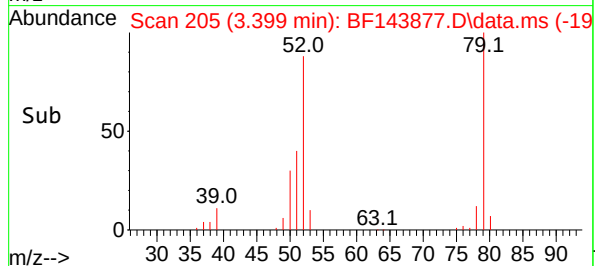
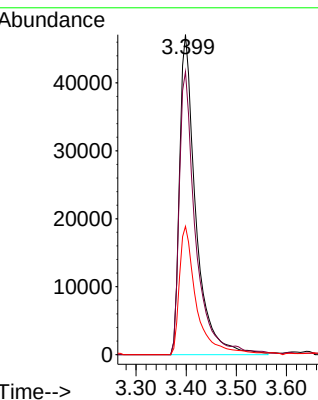
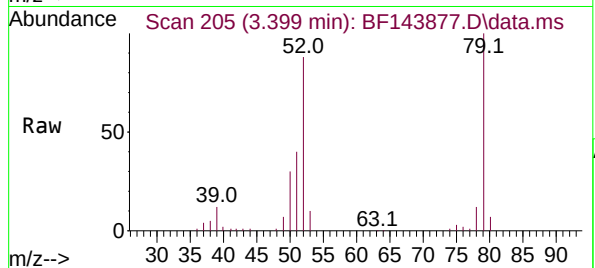
51 40.1 32.9 49.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

Concen: 8.818 ng

RT: 3.322 min Scan# 192

Delta R.T. -0.065 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

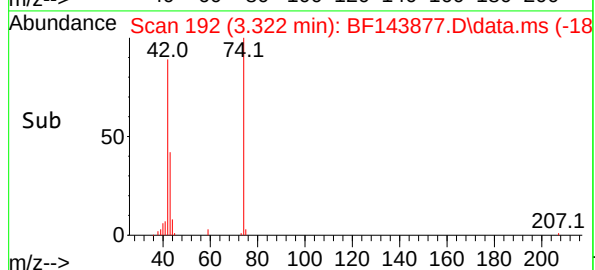
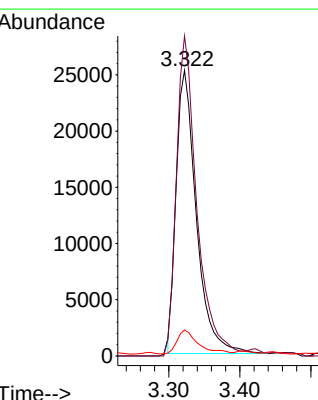
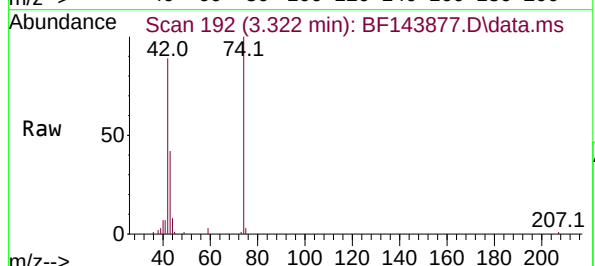
Tgt Ion: 42 Resp: 49793

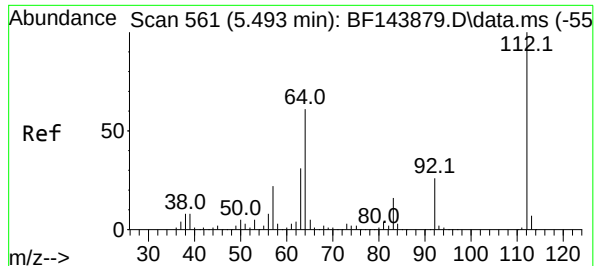
Ion Ratio Lower Upper

42 100

74 112.1 90.0 135.0

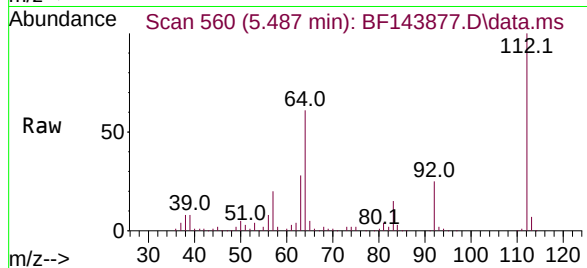
44 9.1 6.2 9.2





#5
2-Fluorophenol
Concen: 21.422 ng
RT: 5.487 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

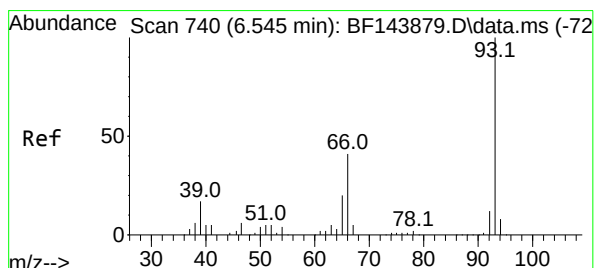
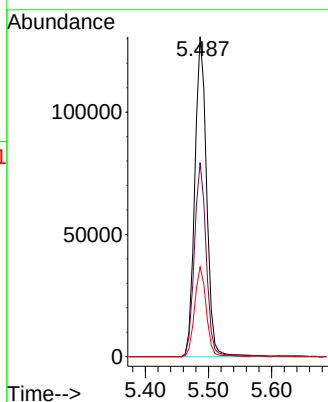
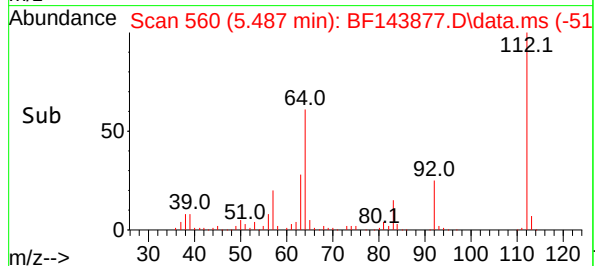
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:112 Resp: 170692
Ion Ratio Lower Upper
112 100
64 60.6 49.1 73.7
63 28.0 24.5 36.7

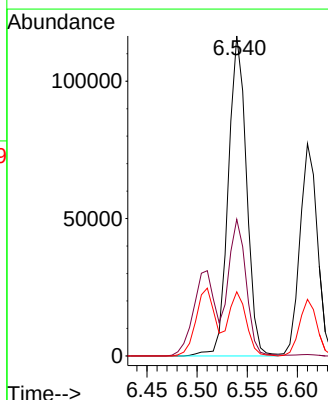
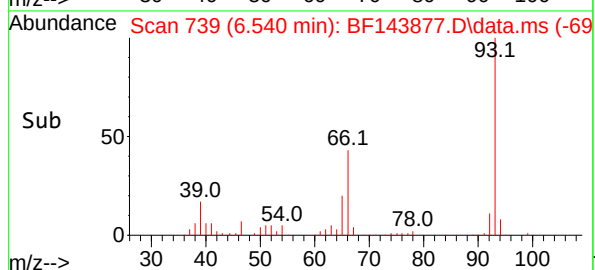
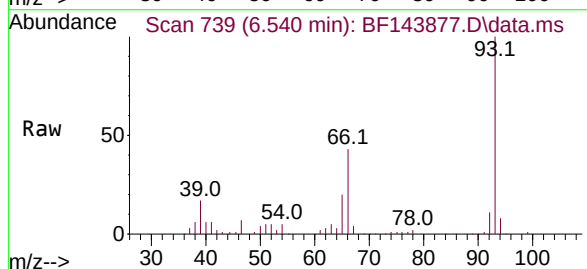
Manual Integrations
APPROVED

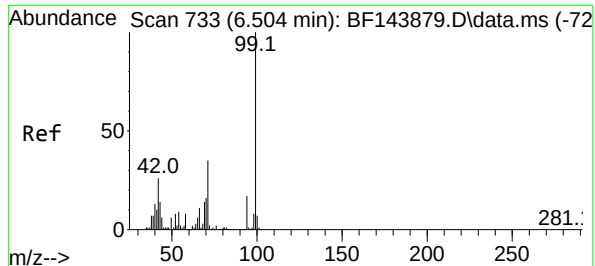
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#6
Aniline
Concen: 10.344 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

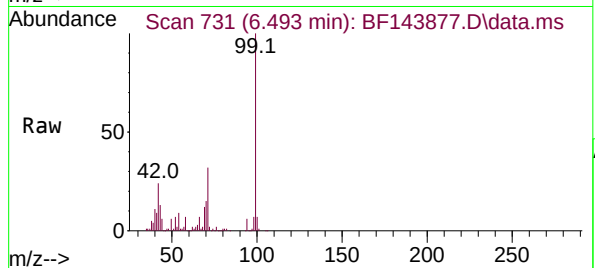
Tgt Ion: 93 Resp: 147222
Ion Ratio Lower Upper
93 100
66 42.7 33.0 49.6
65 20.0 15.8 23.8





#7
Phenol-d6
Concen: 21.727 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

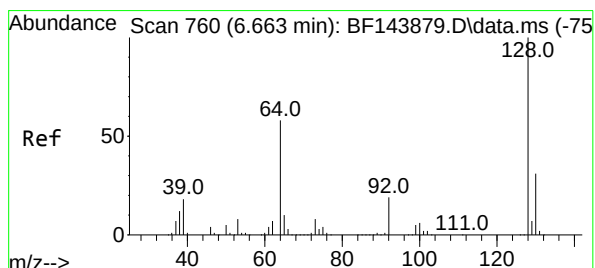
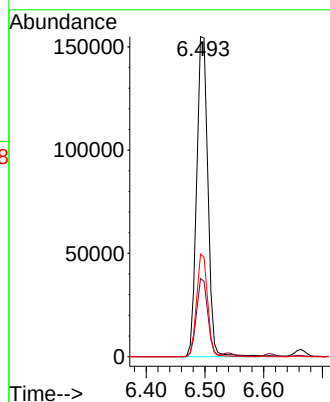
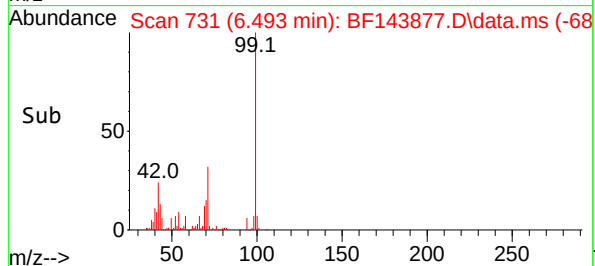
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 206358
Ion Ratio Lower Upper
99 100
42 24.4 21.0 31.4
71 32.0 27.8 41.8

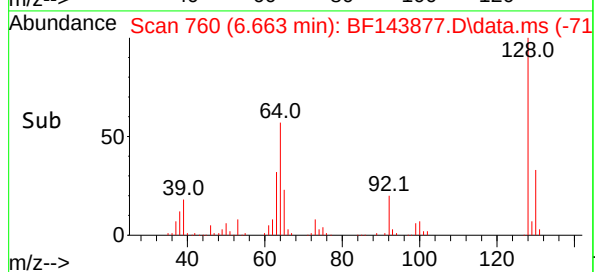
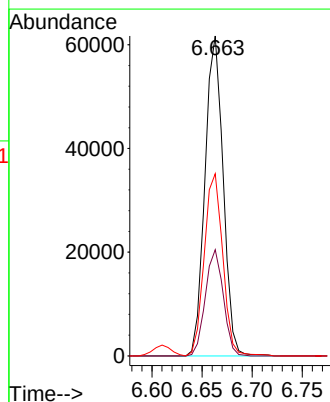
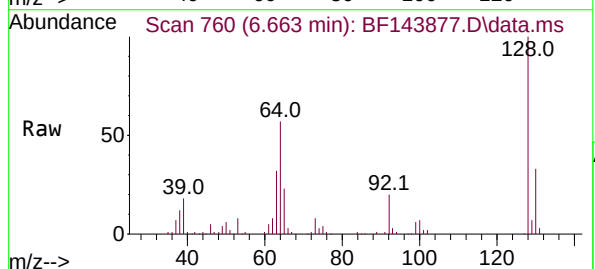
Manual Integrations
APPROVED

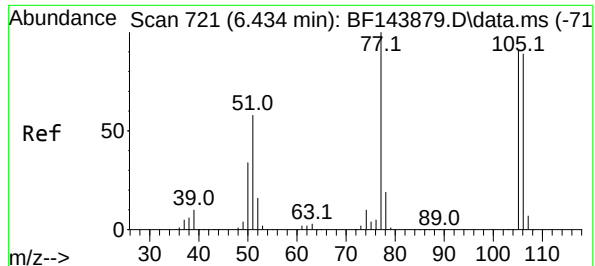
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#8
2-Chlorophenol
Concen: 9.983 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:128 Resp: 77754
Ion Ratio Lower Upper
128 100
130 33.2 10.7 50.7
64 56.9 39.0 79.0



#9
Benzaldehyde

Concen: 9.629 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 70546

Ion Ratio Lower Upper

77 100

105 92.9 70.9 110.9

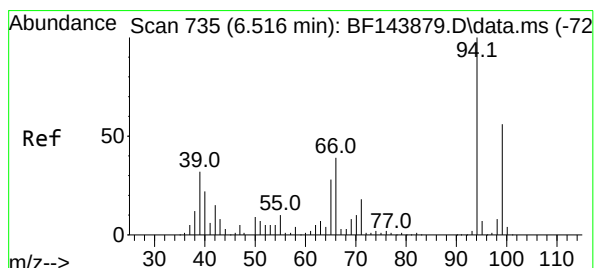
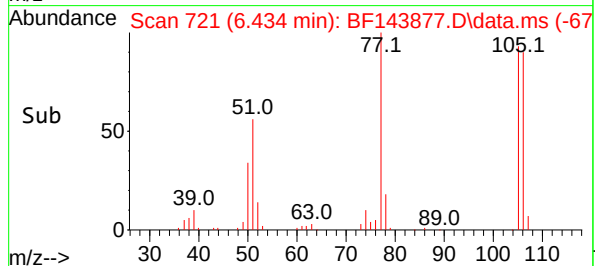
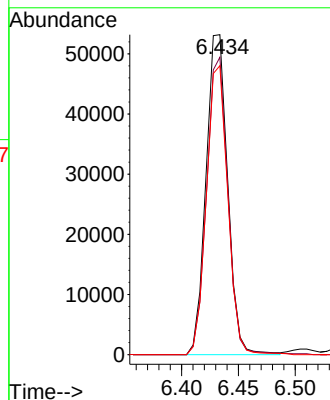
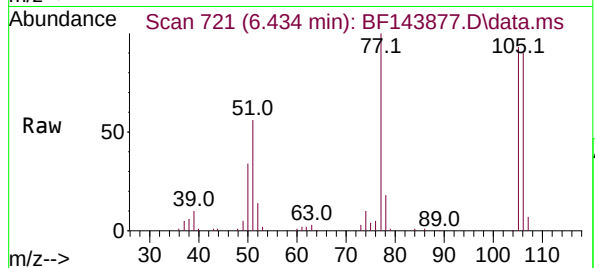
106 90.3 68.9 108.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 10.109 ng m

RT: 6.510 min Scan# 734

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

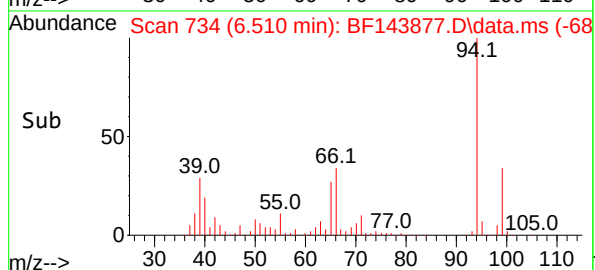
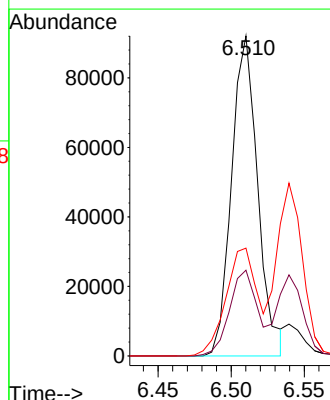
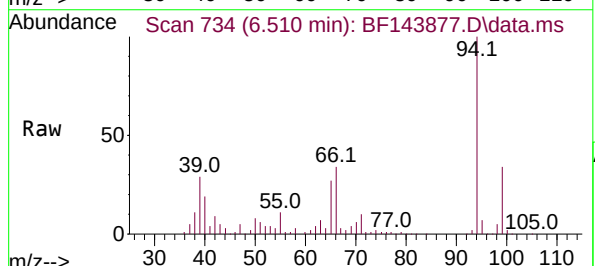
Tgt Ion: 94 Resp: 114780

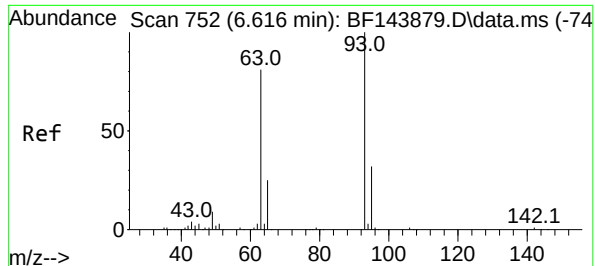
Ion Ratio Lower Upper

94 100

65 26.8 8.5 48.5

66 33.7 19.9 59.9





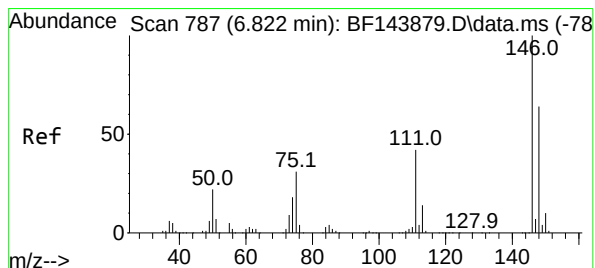
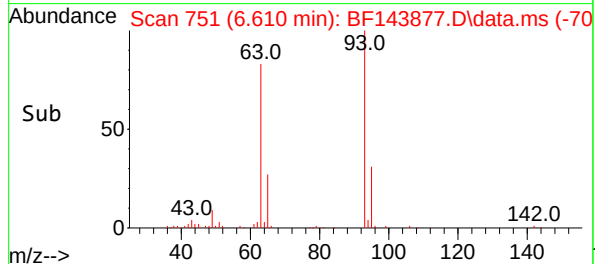
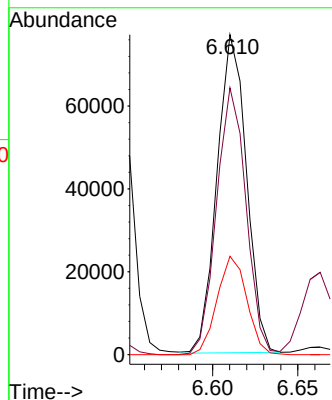
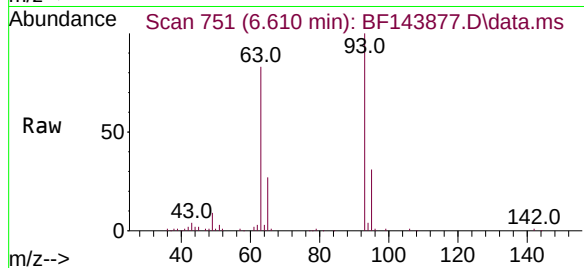
#11
bis(2-Chloroethyl)ether
Concen: 10.513 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 92208
Ion Ratio Lower Upper
93 100
63 83.4 60.9 100.9
95 30.7 11.5 51.5

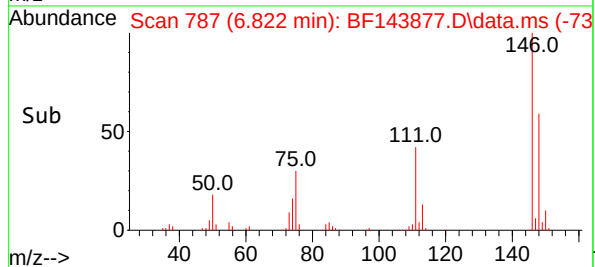
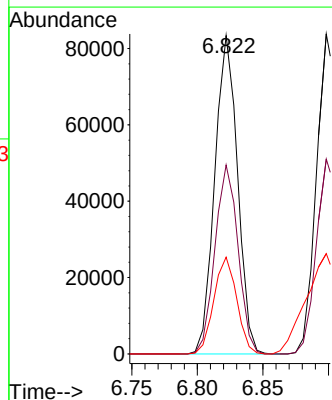
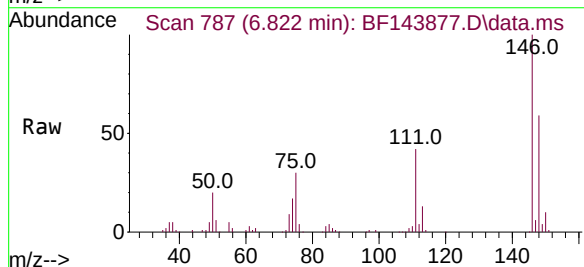
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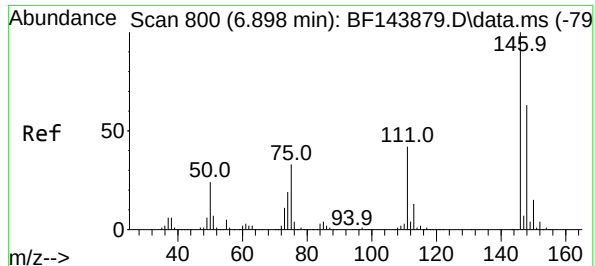
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#12
1,3-Dichlorobenzene
Concen: 10.793 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:146 Resp: 100630
Ion Ratio Lower Upper
146 100
148 59.3 51.0 76.4
75 30.4 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 11.046 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 101588

Ion Ratio Lower Upper

146 100

148 60.9 50.5 75.7

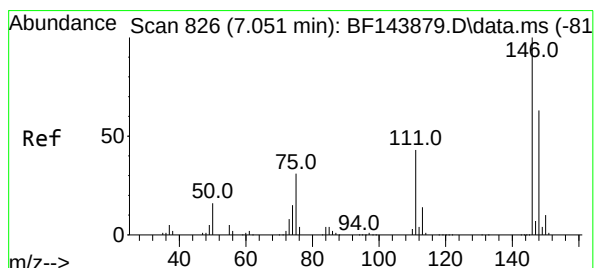
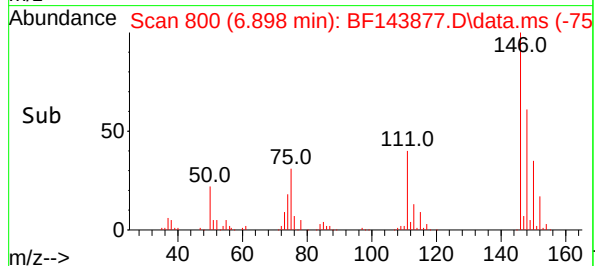
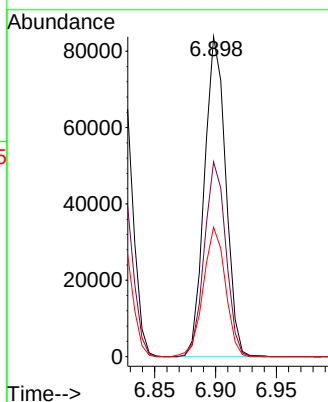
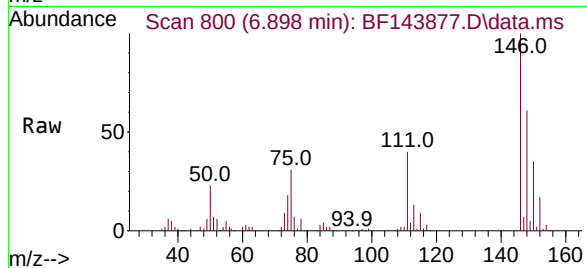
111 40.4 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 10.824 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

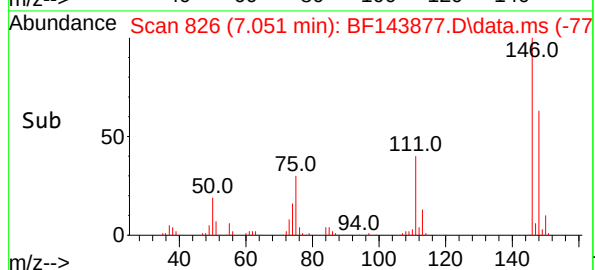
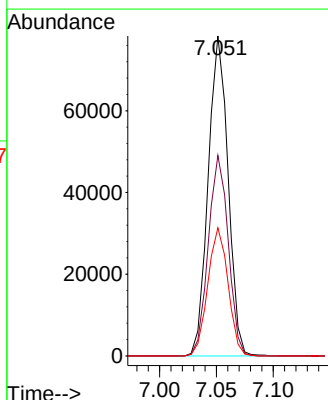
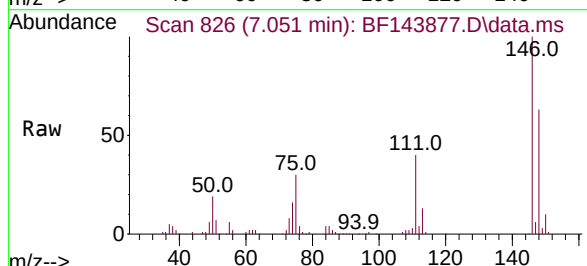
Tgt Ion:146 Resp: 95345

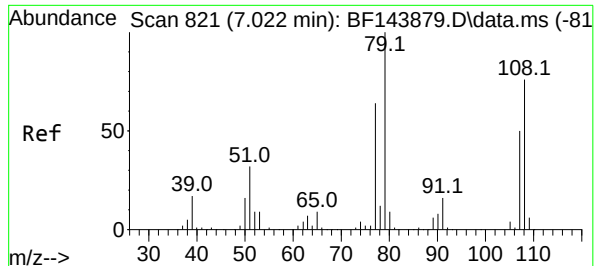
Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

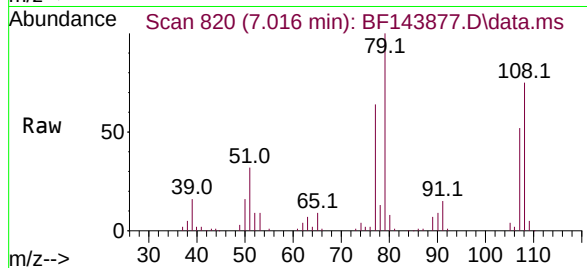
111 40.0 34.6 51.8





#15
Benzyl Alcohol
Concen: 9.943 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

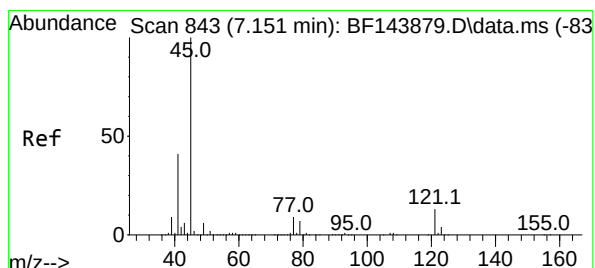
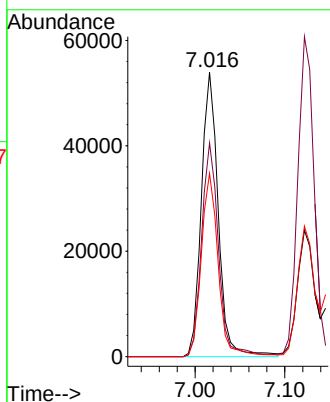
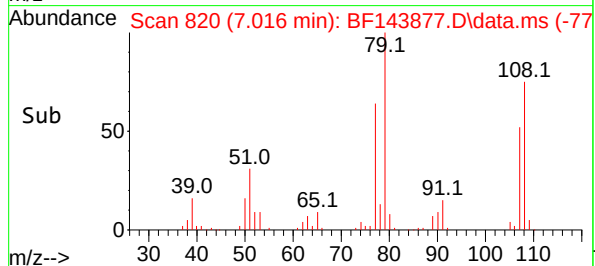
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 70756
Ion Ratio Lower Upper
79 100
108 75.1 60.8 91.2
77 64.5 51.0 76.6

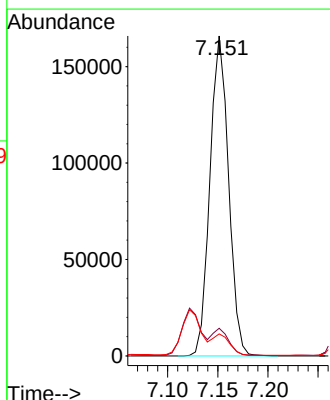
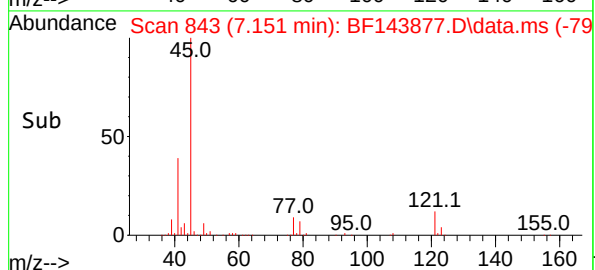
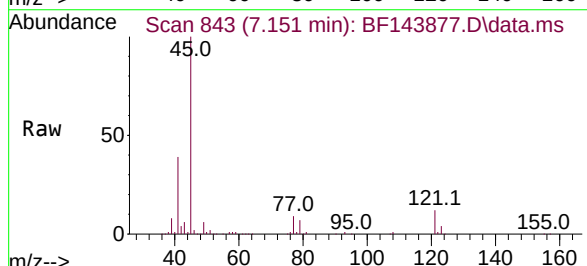
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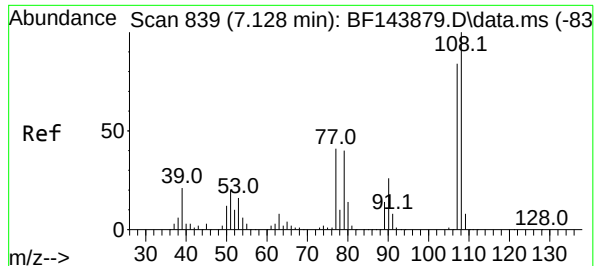
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 10.728 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 45 Resp: 214183
Ion Ratio Lower Upper
45 100
77 8.6 0.0 29.0
79 6.9 0.0 26.8





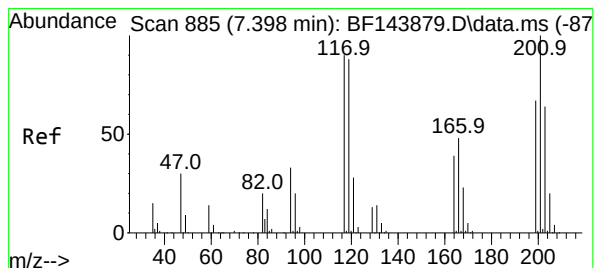
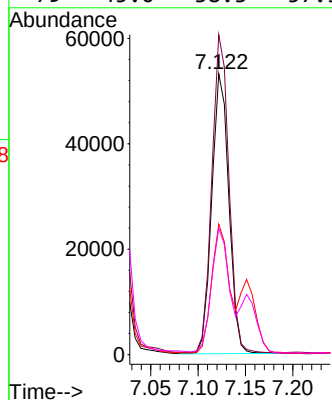
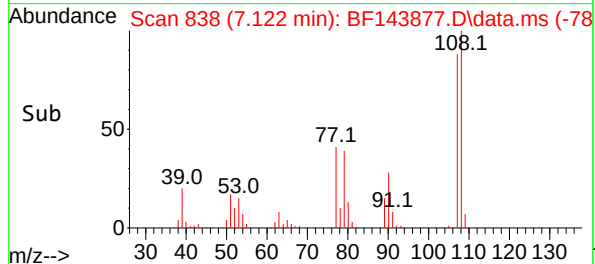
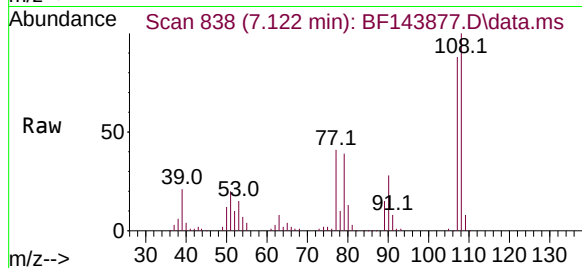
#17
2-Methylphenol
Concen: 10.389 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 66872
Ion Ratio Lower Upper
107 100
108 113.9 94.7 142.1
77 46.4 38.8 58.2
79 45.0 38.3 57.5

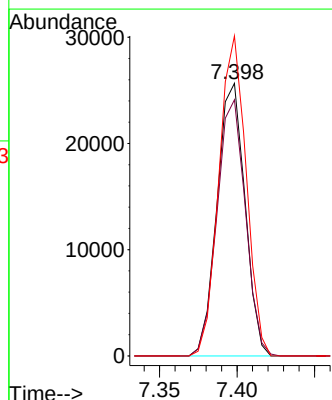
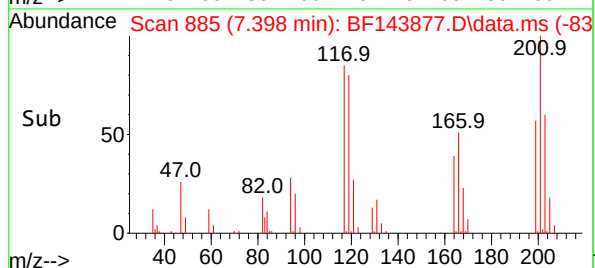
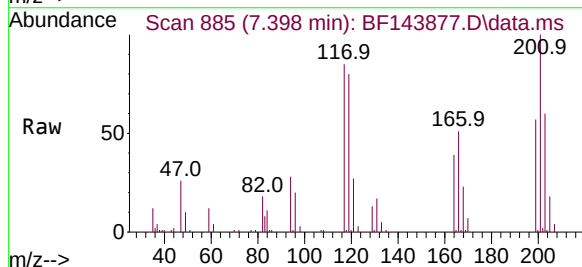
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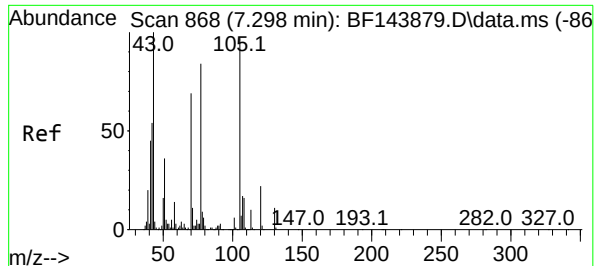
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#18
Hexachloroethane
Concen: 10.486 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:117 Resp: 32160
Ion Ratio Lower Upper
117 100
119 94.0 77.8 116.8
201 117.4 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 11.034 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.029 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 71731

Ion Ratio Lower Upper

70 100

42 72.0 62.8 94.2

101 7.5 6.7 10.1

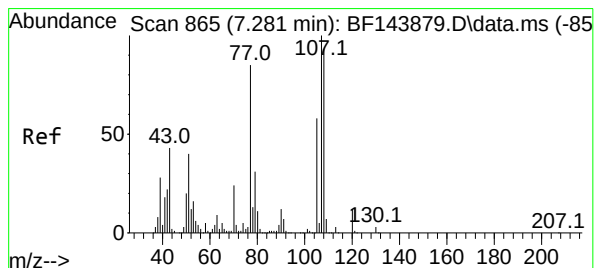
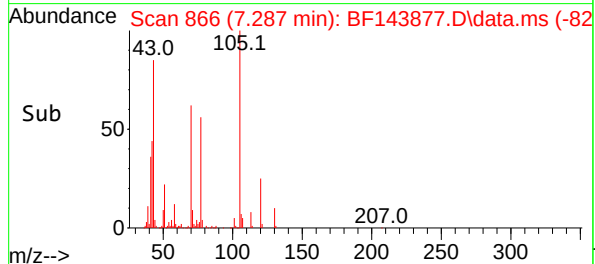
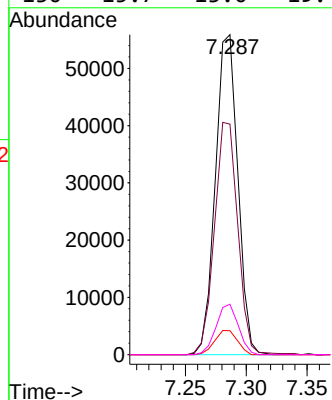
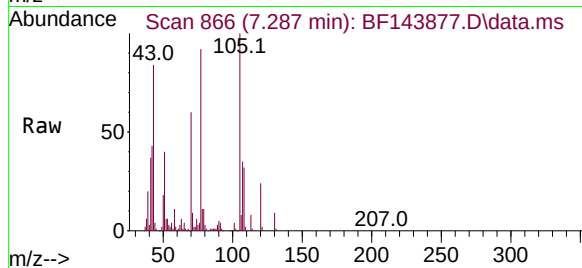
130 15.7 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 11.881 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:107 Resp: 88634

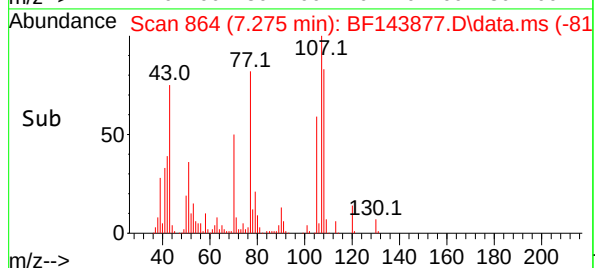
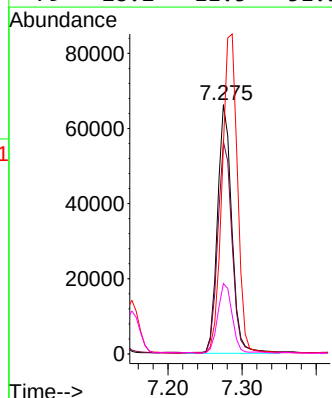
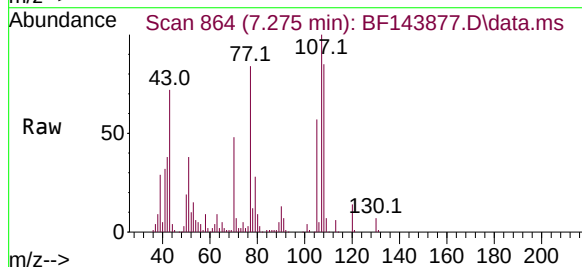
Ion Ratio Lower Upper

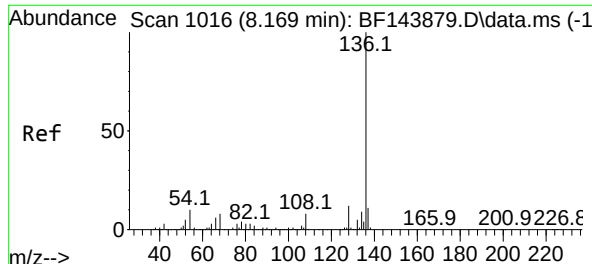
107 100

108 85.2 73.0 113.0

77 83.5 64.6 104.6

79 28.2 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 493548

Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 11.0 8.2 12.4

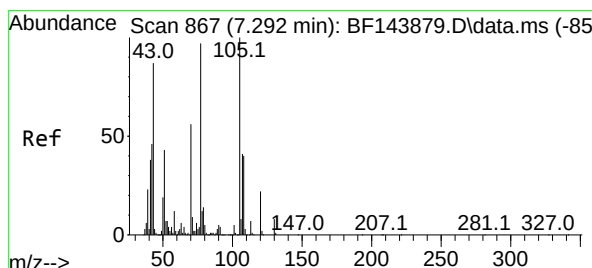
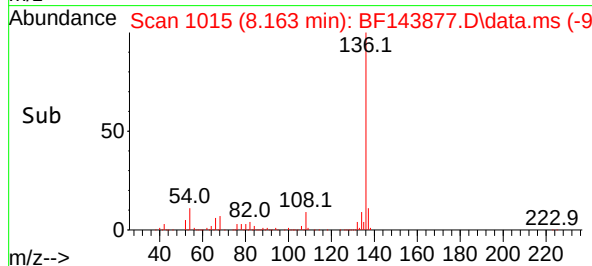
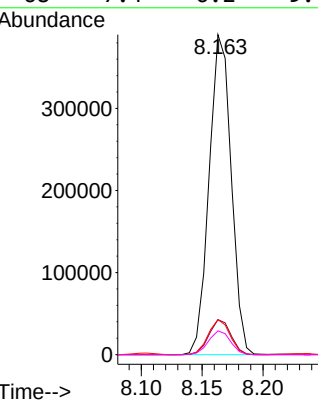
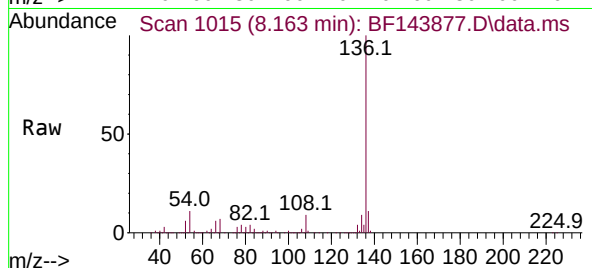
68 7.4 6.2 9.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#22

Acetophenone

Concen: 10.900 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:105 Resp: 113751

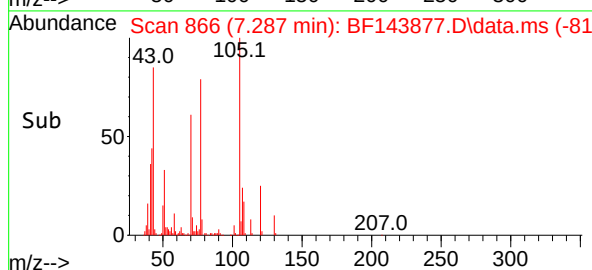
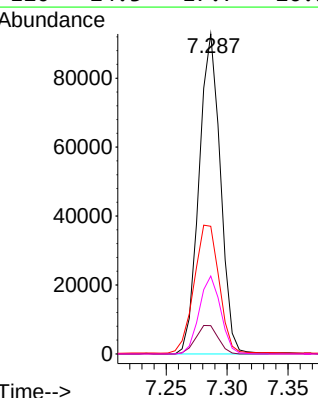
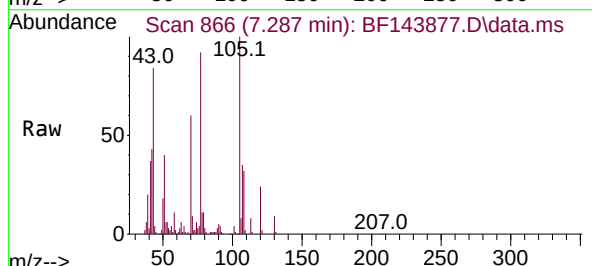
Ion Ratio Lower Upper

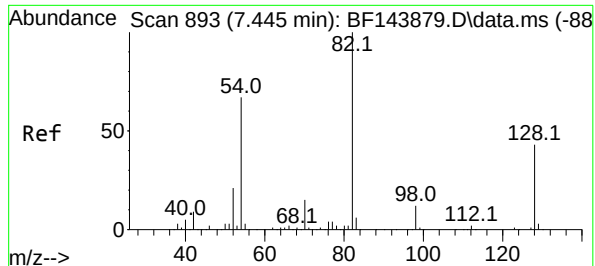
105 100

71 8.8 7.4 11.0

51 39.9 34.2 51.4

120 24.3 17.7 26.5





#23

Nitrobenzene-d5

Concen: 20.204 ng

RT: 7.440 min Scan# 891

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 16412

Ion Ratio Lower Upper

82 100

128 41.3 34.0 51.0

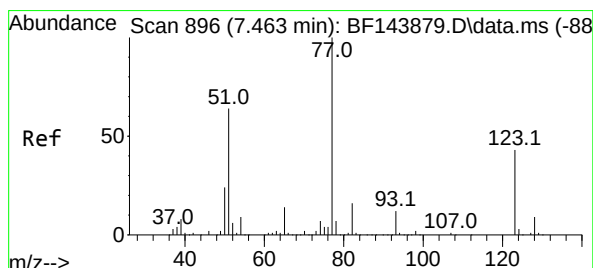
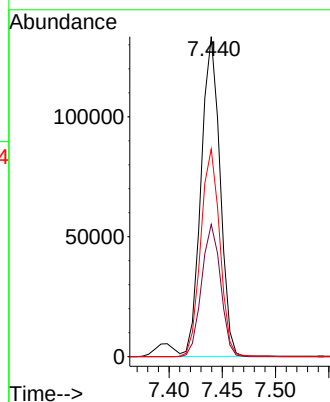
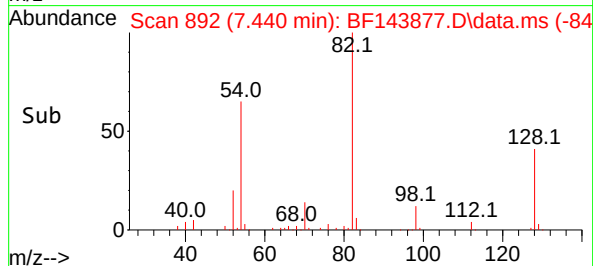
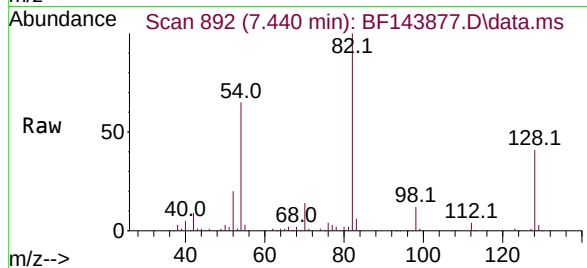
54 64.9 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 9.558 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

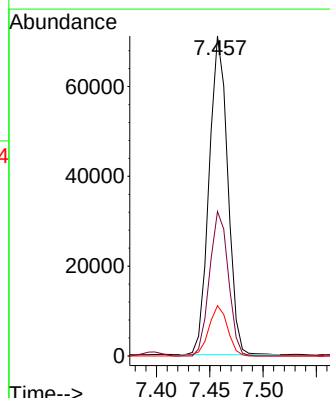
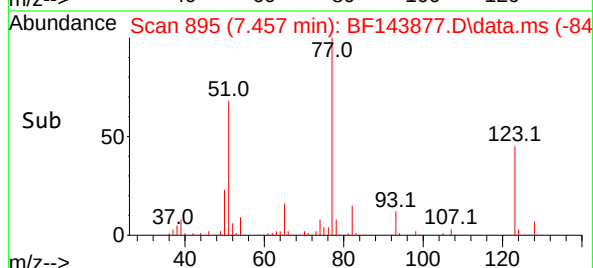
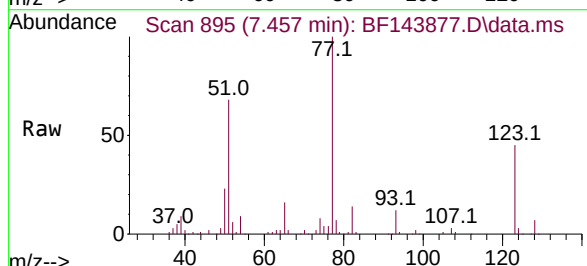
Tgt Ion: 77 Resp: 86228

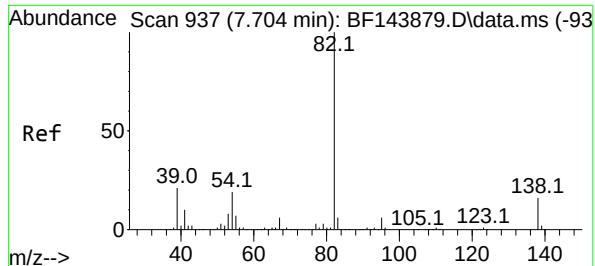
Ion Ratio Lower Upper

77 100

123 45.1 34.2 51.4

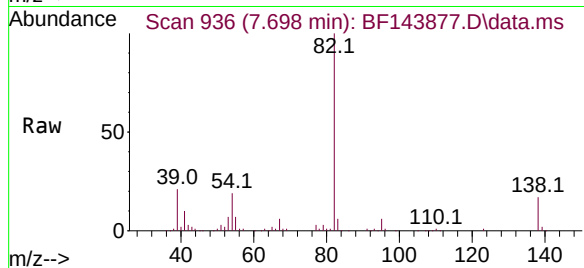
65 15.7 11.0 16.6





#25
Isophorone
Concen: 10.203 ng
RT: 7.698 min Scan# 937
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

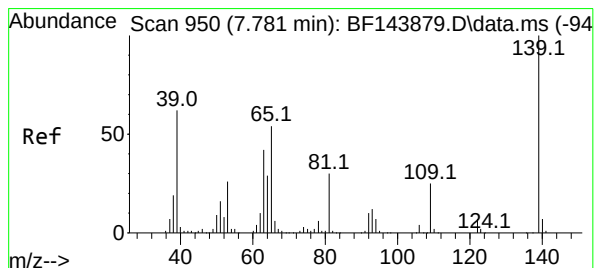
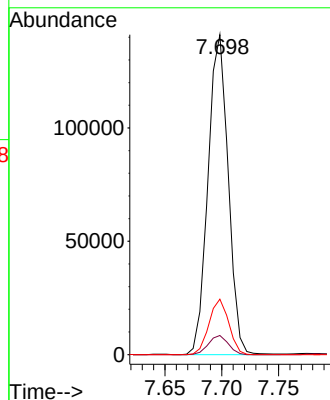
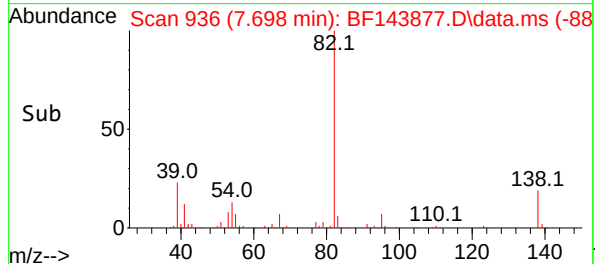
Instrument :
BNA_F
Client SampleId :
SSTDICC010



Tgt Ion: 82 Resp: 174762
Ion Ratio Lower Upper
82 100
95 6.0 5.1 7.7
138 17.3 12.9 19.3

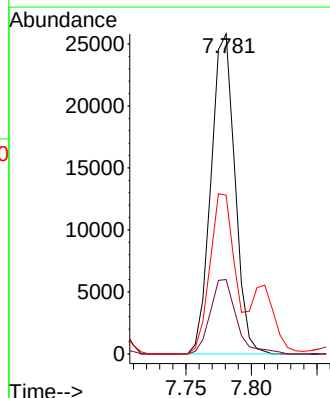
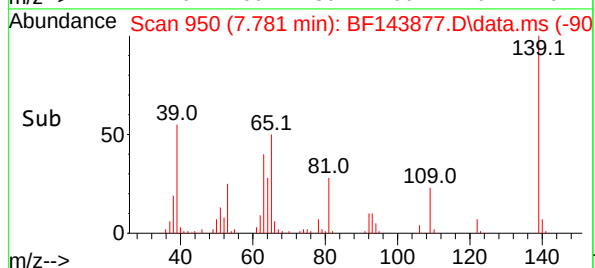
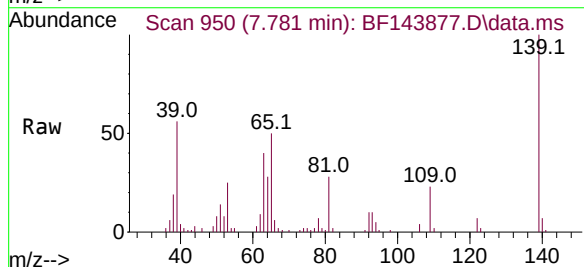
Manual Integrations
APPROVED

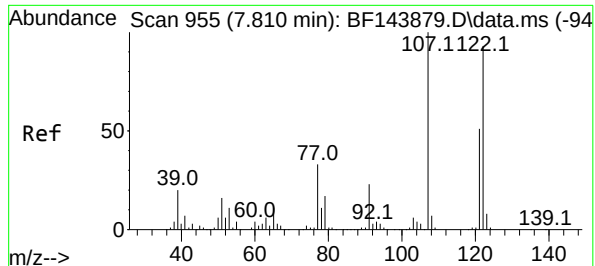
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#26
2-Nitrophenol
Concen: 8.477 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

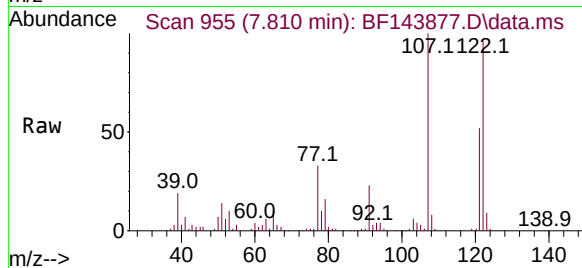
Tgt Ion:139 Resp: 32787
Ion Ratio Lower Upper
139 100
109 23.2 19.8 29.6
65 49.6 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 10.199 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

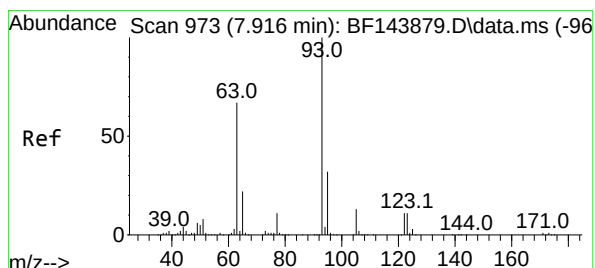
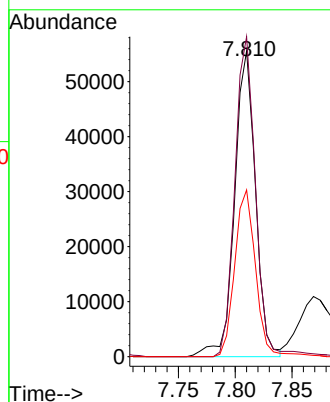
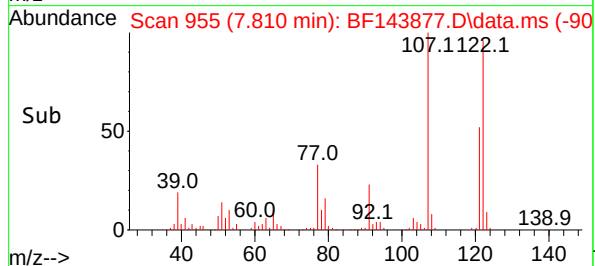
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:122 Resp: 70960
Ion Ratio Lower Upper
122 100
107 104.7 86.1 129.1
121 54.5 43.8 65.6

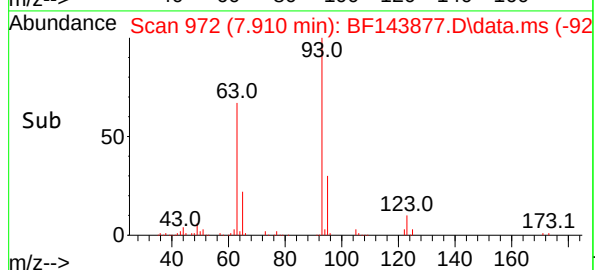
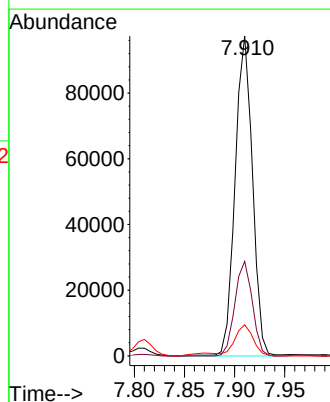
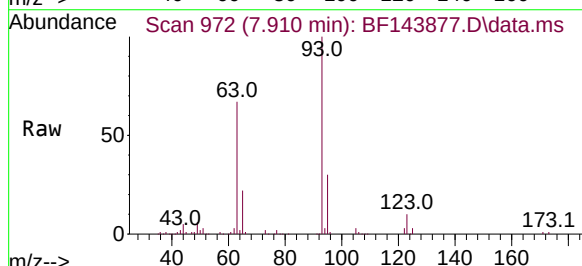
Manual Integrations
APPROVED

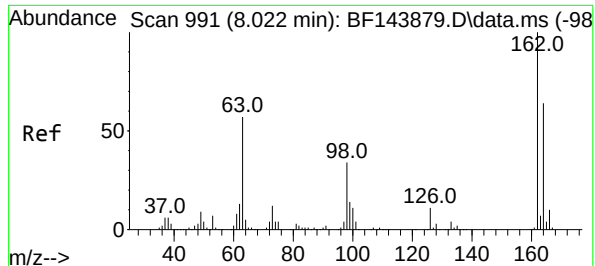
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 10.804 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 93 Resp: 116898
Ion Ratio Lower Upper
93 100
95 29.5 25.9 38.9
123 9.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 9.954 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

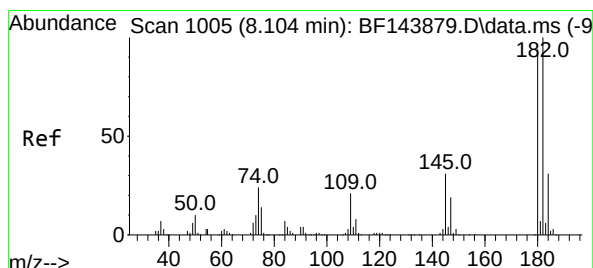
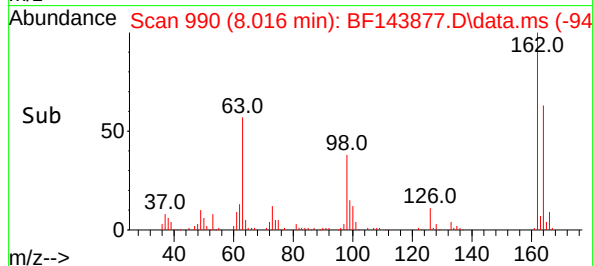
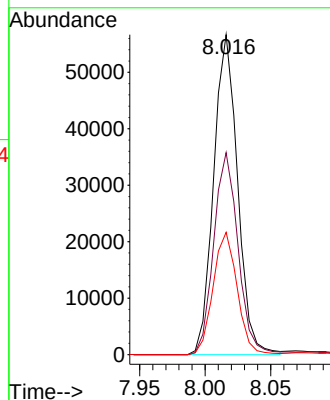
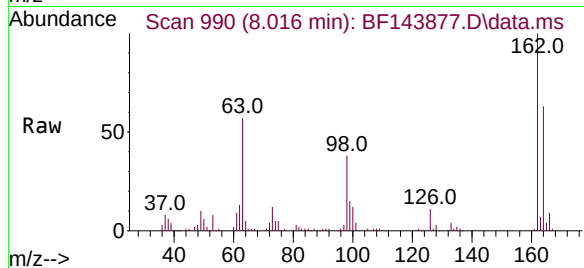
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.9	83.9
98	38.2	14.4	54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.336 ng

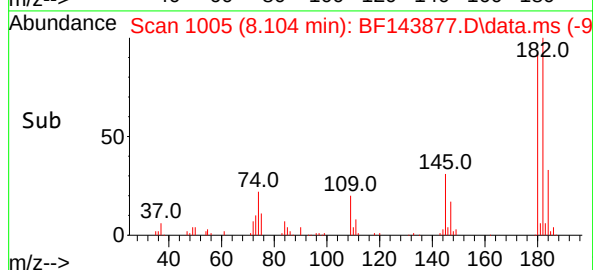
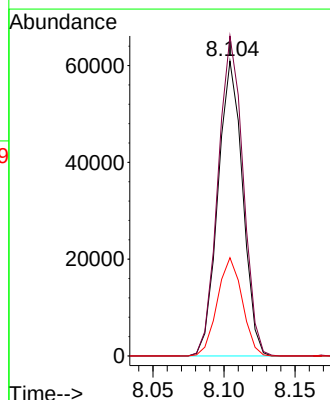
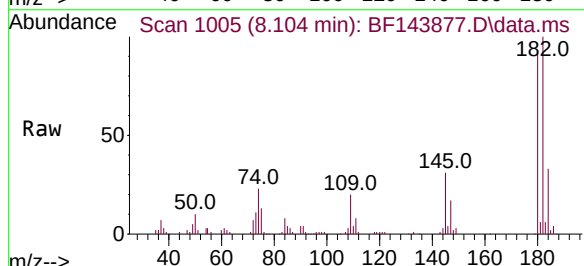
RT: 8.104 min Scan# 1005

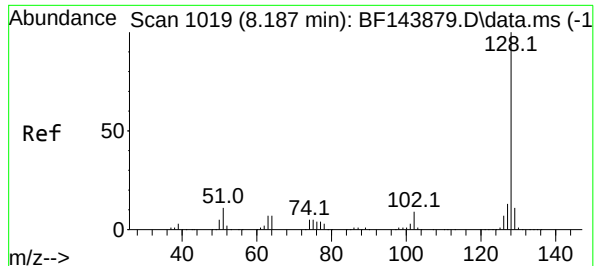
Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	108.6	85.4	128.0
145	33.3	26.3	39.5





#31

Naphthalene

Concen: 10.951 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

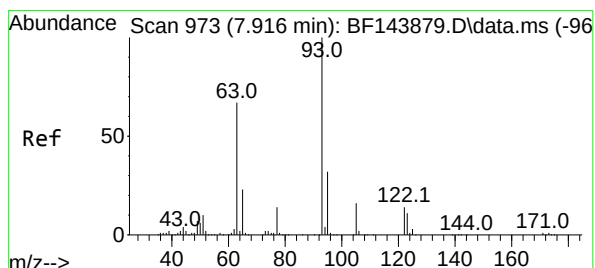
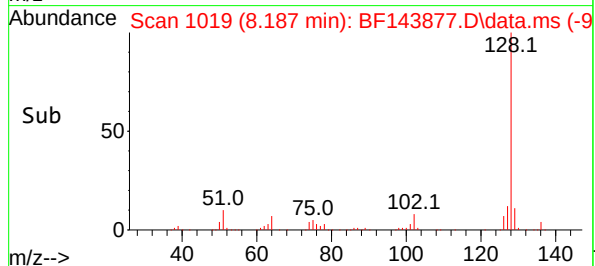
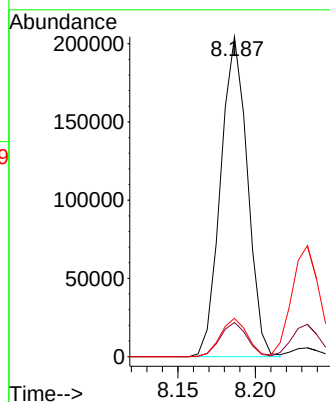
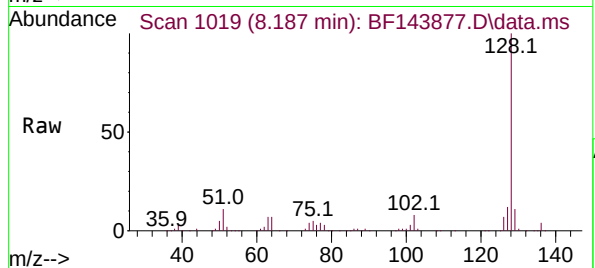
Tgt Ion:128 Resp: 245852
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.0 10.0 15.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 6.721 ng m

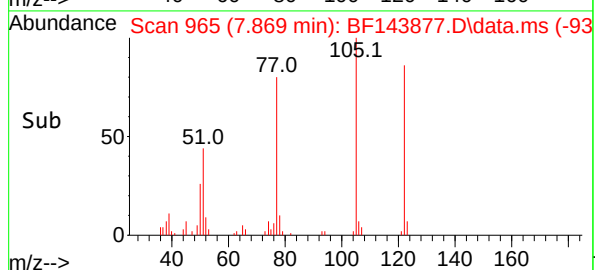
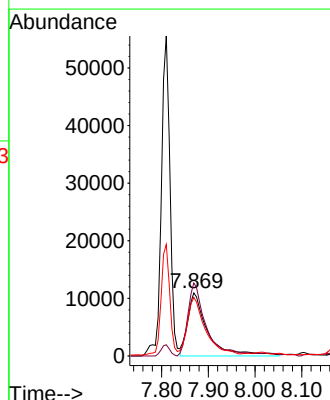
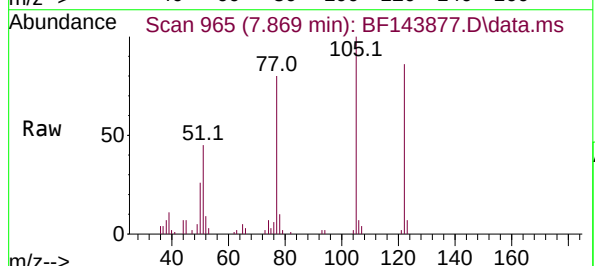
RT: 7.869 min Scan# 965

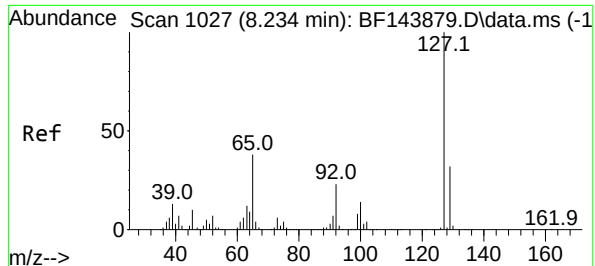
Delta R.T. -0.094 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:122 Resp: 32361
Ion Ratio Lower Upper
122 100
105 115.7 93.5 133.5
77 92.9 76.3 116.3





#33

4-Chloroaniline

Concen: 10.842 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

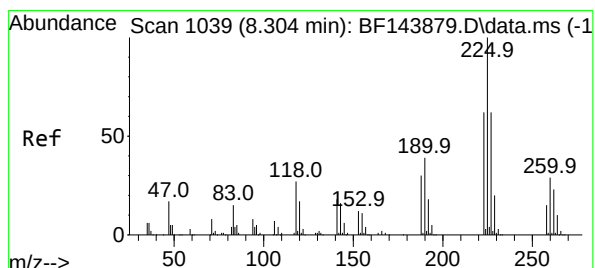
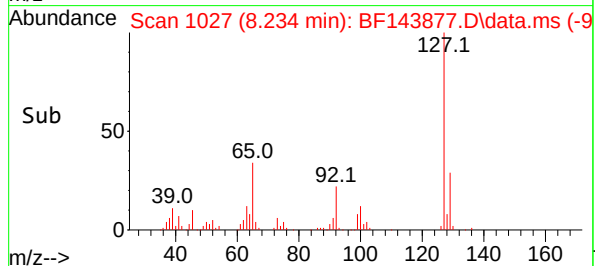
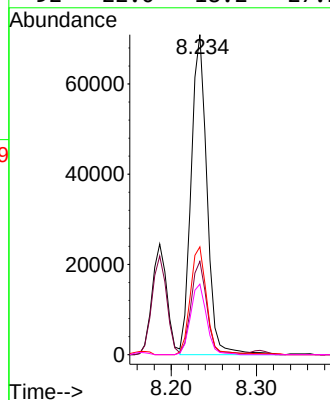
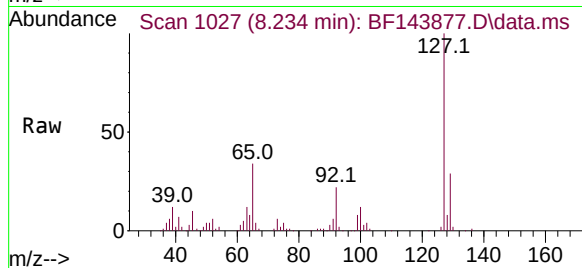
Tgt Ion:	127	Resp:	91294
Ion	Ratio	Lower	Upper
127	100		
129	29.1	25.8	38.8
65	33.7	30.0	45.0
92	22.0	18.2	27.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#34

Hexachlorobutadiene

Concen: 10.665 ng

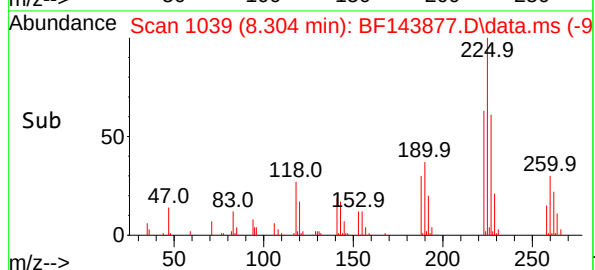
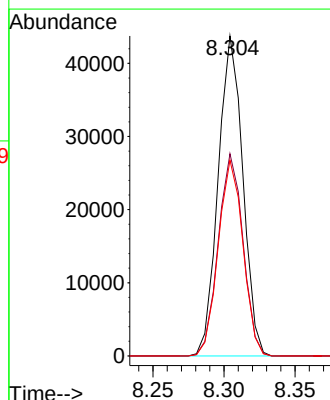
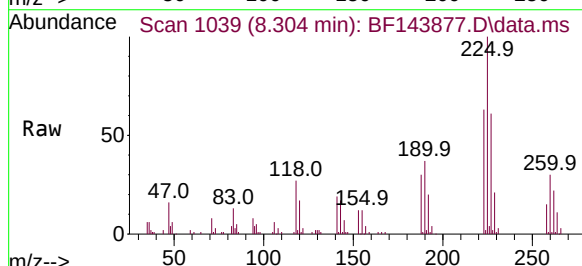
RT: 8.304 min Scan# 1039

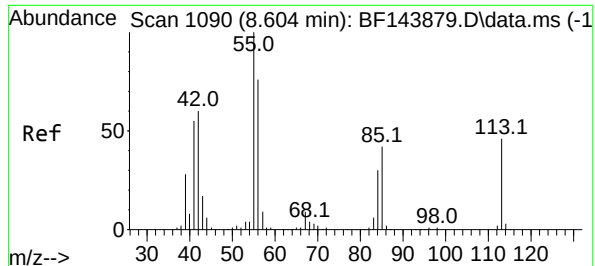
Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:	225	Resp:	52824
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.2
227	61.1	49.7	74.5





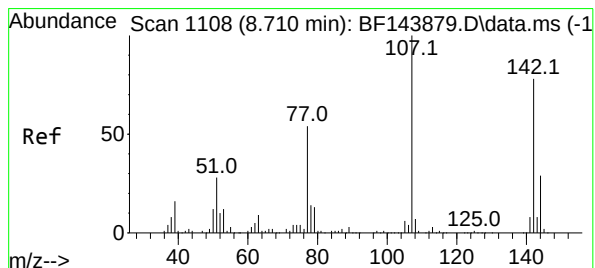
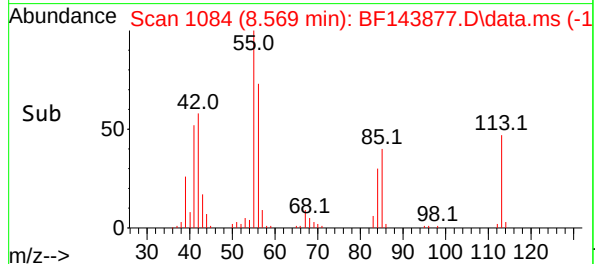
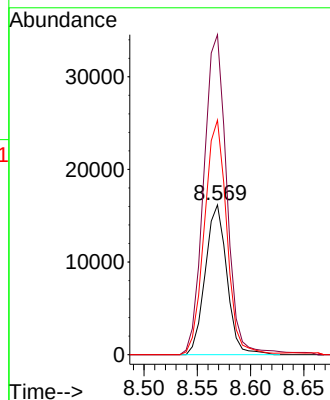
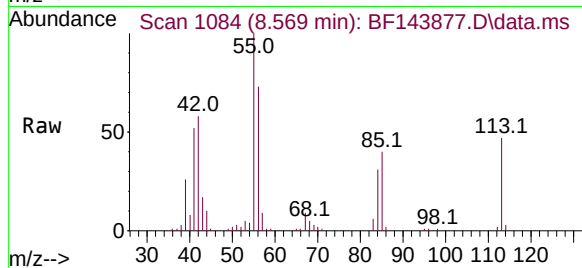
#35
Caprolactam
Concen: 9.900 ng
RT: 8.569 min Scan# 1090
Delta R.T. -0.076 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 22813
Ion Ratio Lower Upper
113 100
55 213.8 199.6 239.6
56 156.7 146.0 186.0

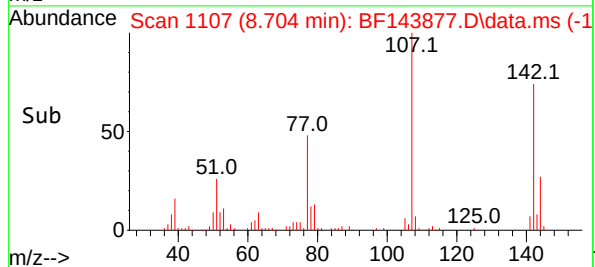
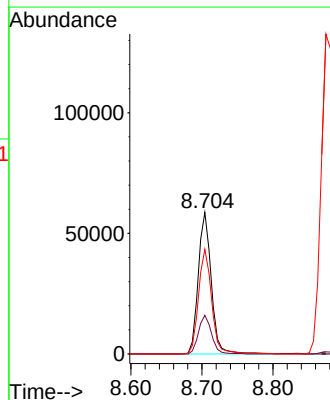
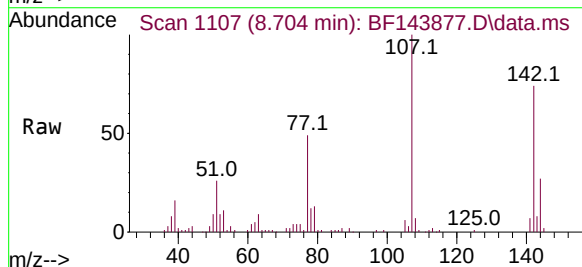
Manual Integrations
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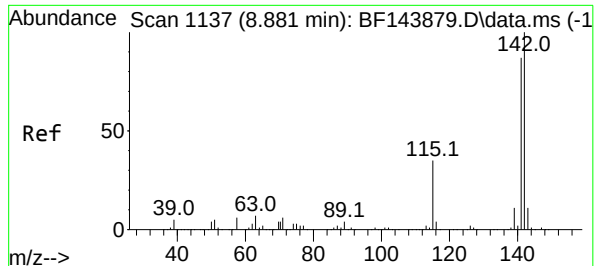
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#36
4-Chloro-3-methylphenol
Concen: 10.708 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:107 Resp: 74546
Ion Ratio Lower Upper
107 100
144 27.3 23.1 34.7
142 74.0 62.6 94.0





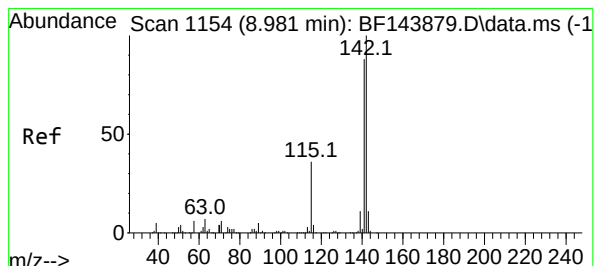
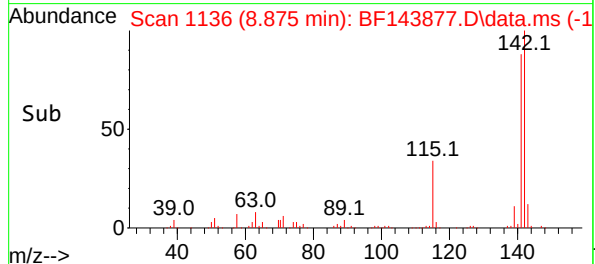
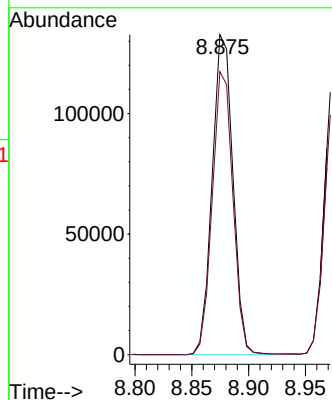
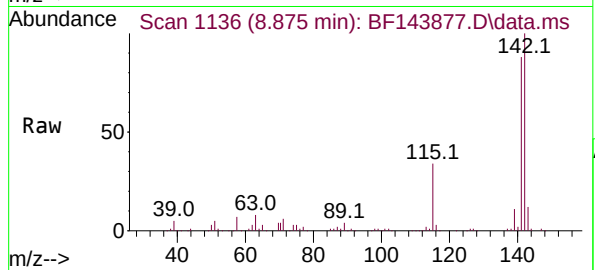
#37
2-Methylnaphthalene
Concen: 11.272 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 16858
Ion Ratio Lower Upper
142 100
141 88.4 69.2 103.8

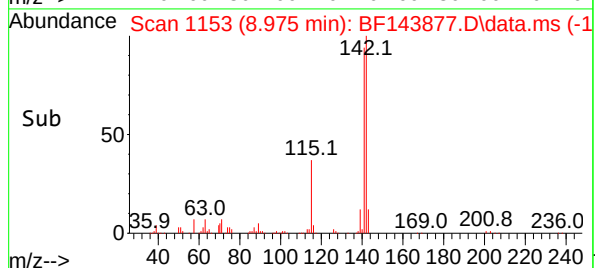
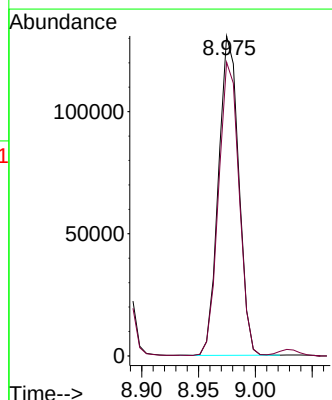
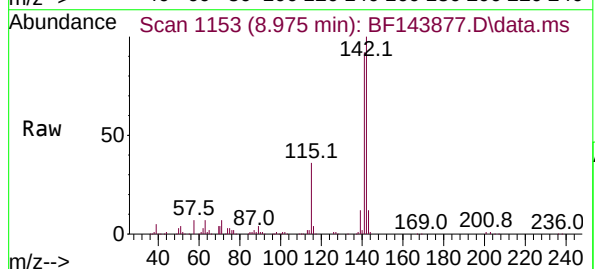
Manual Integrations
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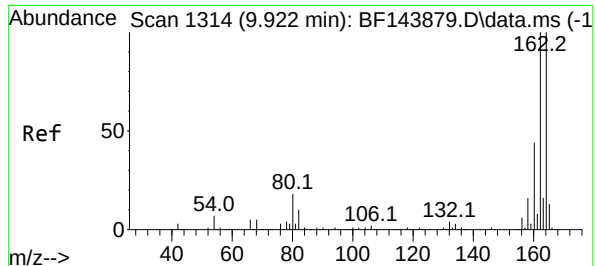
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#38
1-Methylnaphthalene
Concen: 11.160 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:142 Resp: 161895
Ion Ratio Lower Upper
142 100
141 91.8 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143877.D

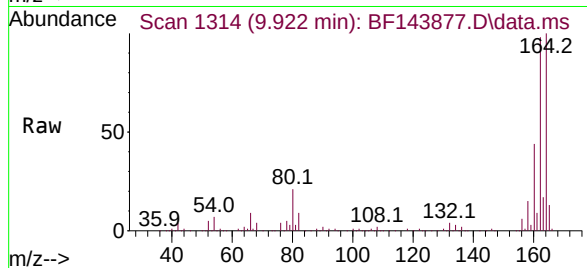
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 28382

Ion Ratio Lower Upper

164 100

162 97.5 80.2 120.2

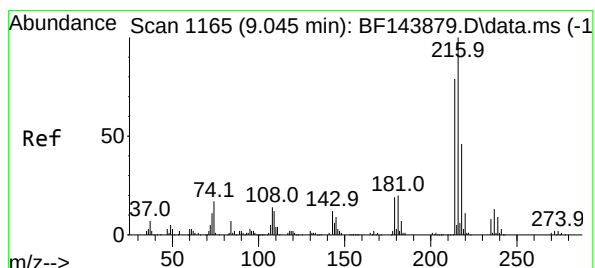
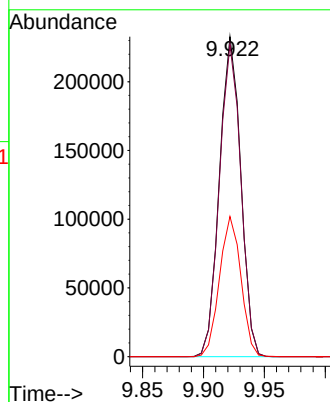
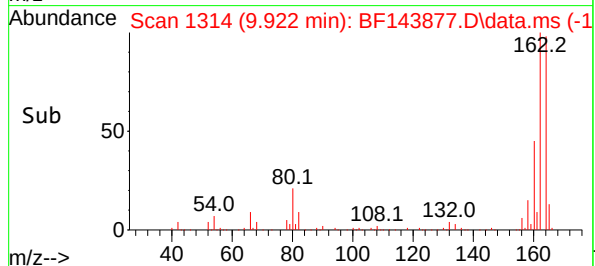
160 43.8 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

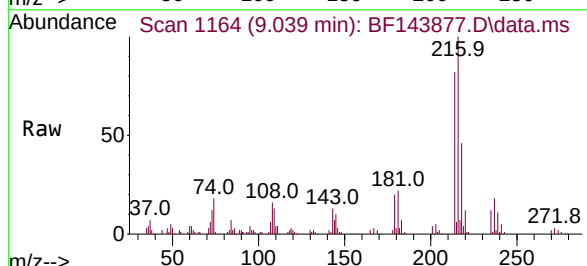
Concen: 10.705 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



Tgt Ion:216 Resp: 83972

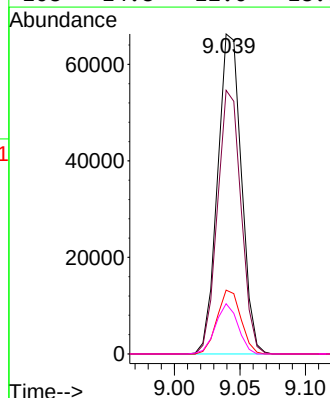
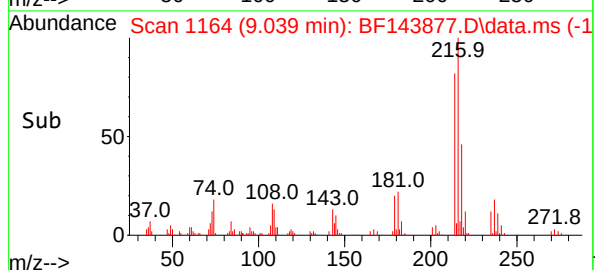
Ion Ratio Lower Upper

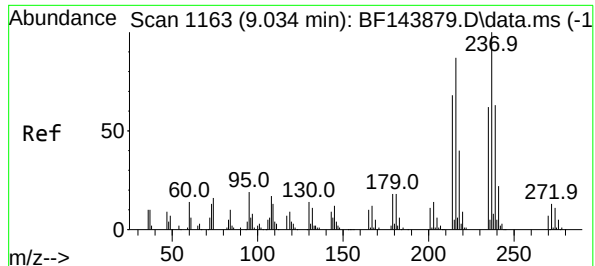
216 100

214 81.4 62.6 94.0

179 19.8 15.4 23.0

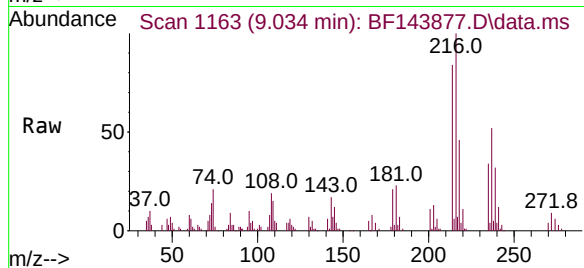
108 14.8 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 7.932 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

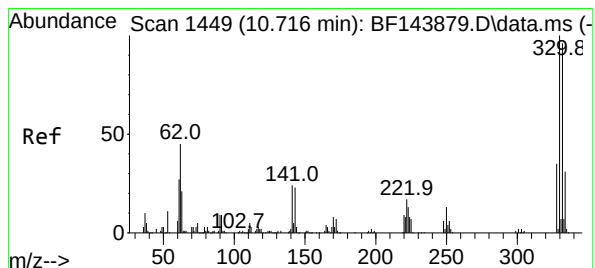
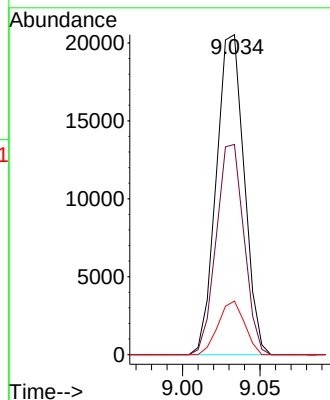
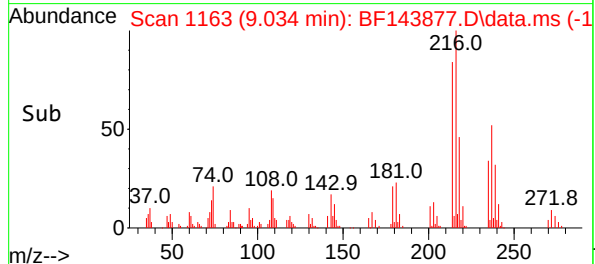
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 237 Resp: 25812
Ion Ratio Lower Upper
237 100
235 65.7 42.3 82.3
272 16.7 0.0 33.1

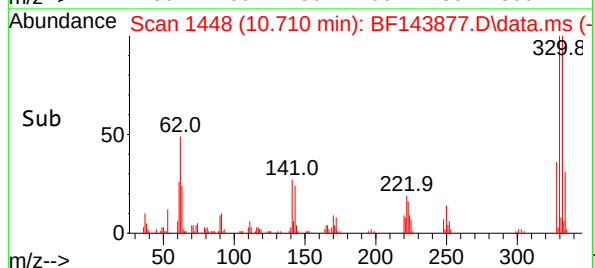
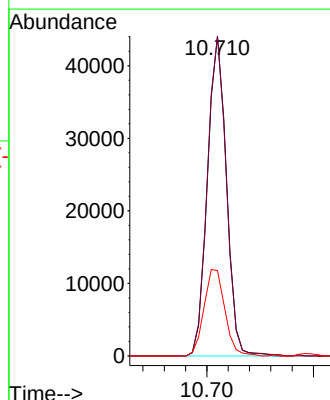
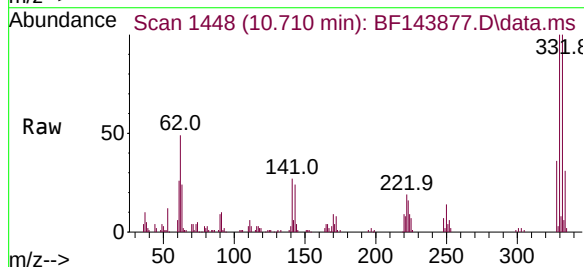
Manual Integrations
APPROVED

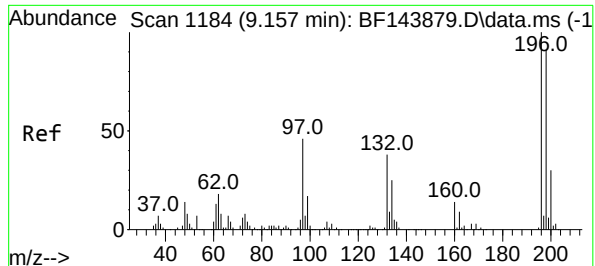
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#42
2,4,6-Tribromophenol
Concen: 19.262 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 330 Resp: 54453
Ion Ratio Lower Upper
330 100
332 100.2 76.9 115.3
141 29.7 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 9.758 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143877.D

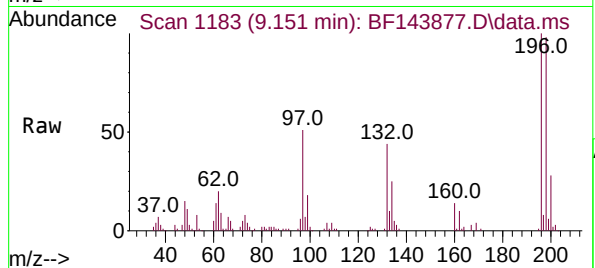
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 55929

Ion Ratio Lower Upper

196 100

198 98.4 72.8 109.2

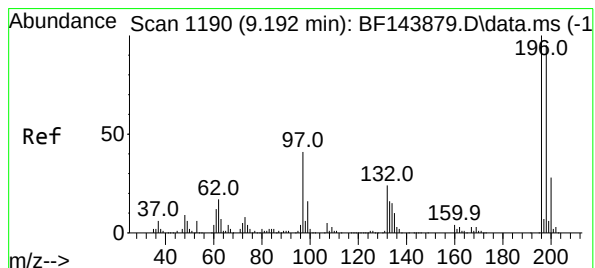
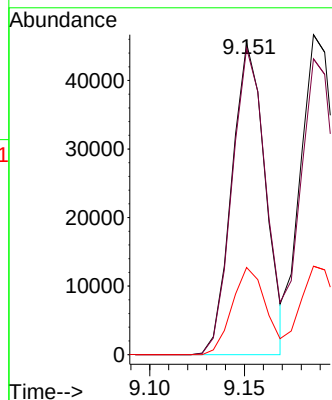
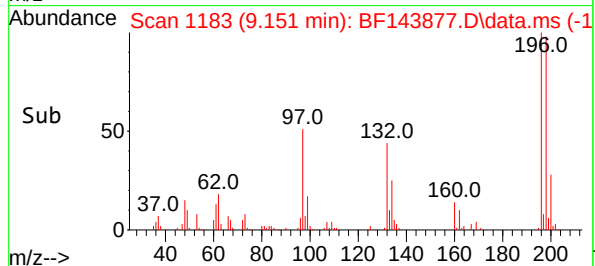
200 28.0 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

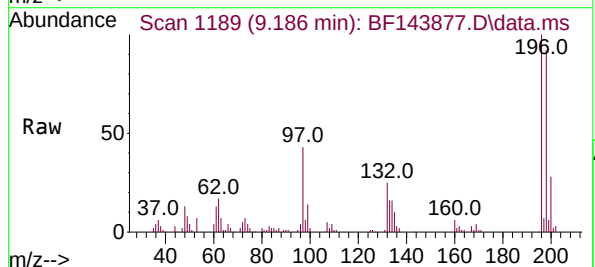
Concen: 10.407 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



Tgt Ion:196 Resp: 63036

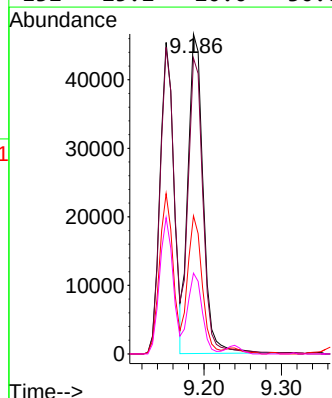
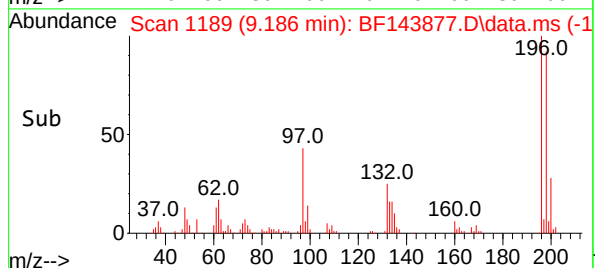
Ion Ratio Lower Upper

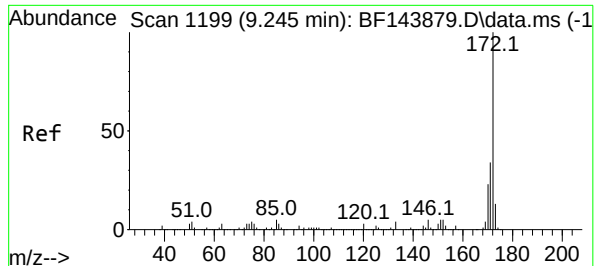
196 100

198 92.4 75.5 113.3

97 43.1 33.9 50.9

132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 22.595 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 404164

Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.0

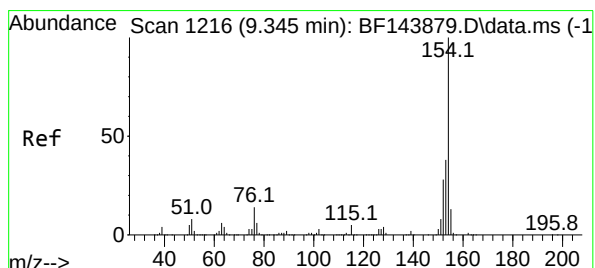
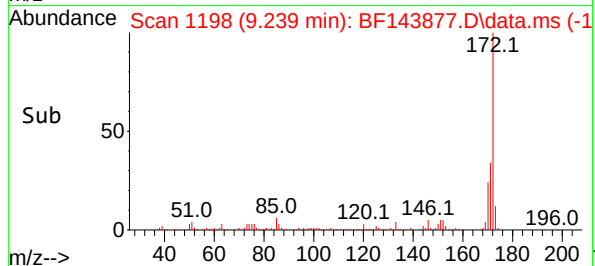
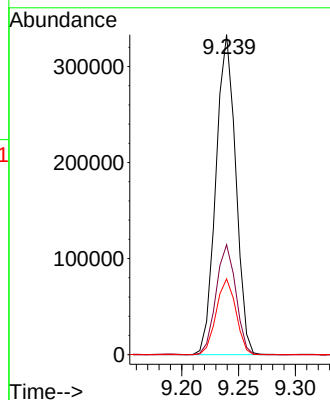
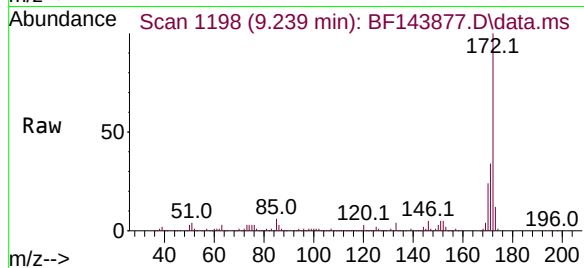
170 23.7 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#46

1,1'-Biphenyl

Concen: 11.150 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

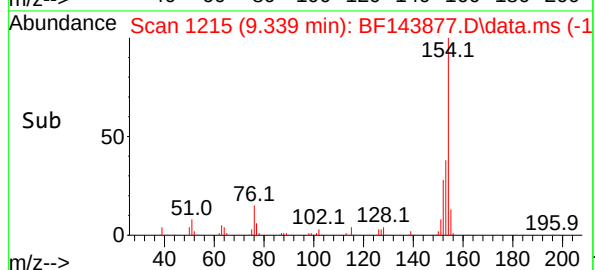
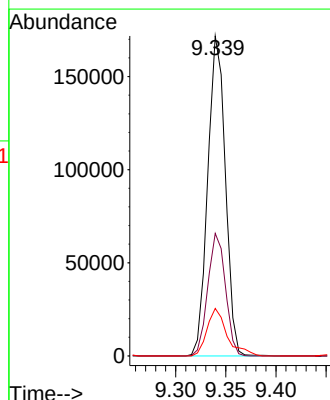
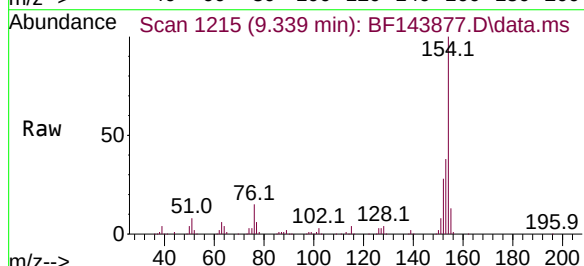
Tgt Ion:154 Resp: 209528

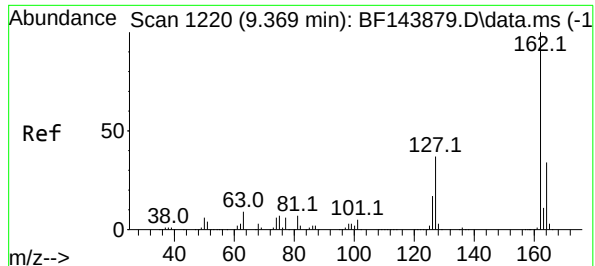
Ion Ratio Lower Upper

154 100

153 38.3 18.4 58.4

76 14.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 10.829 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF143877.D

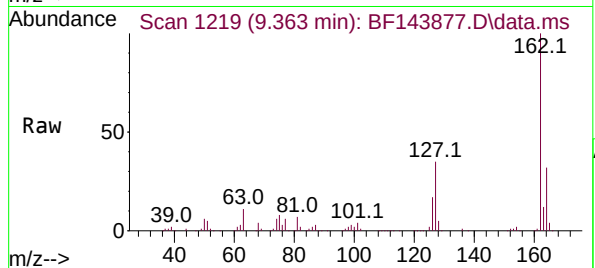
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 169672

Ion Ratio Lower Upper

162 100

127 35.1 30.2 45.2

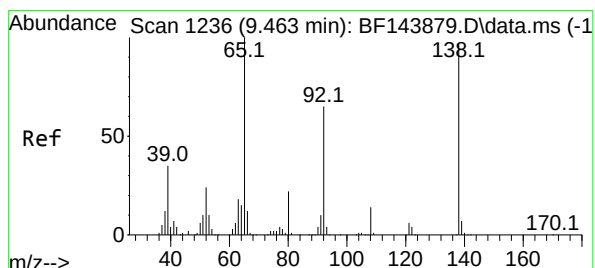
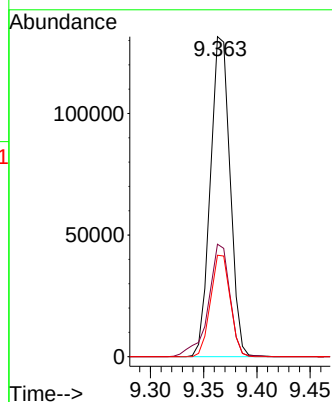
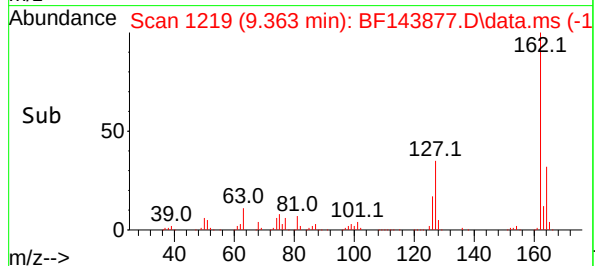
164 31.7 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

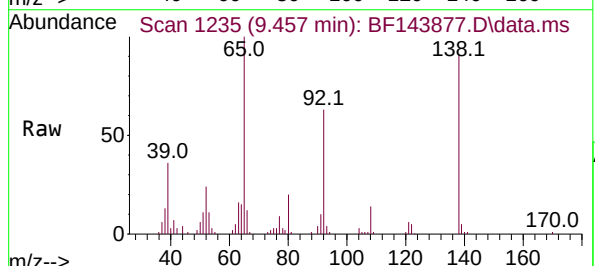
Concen: 9.219 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



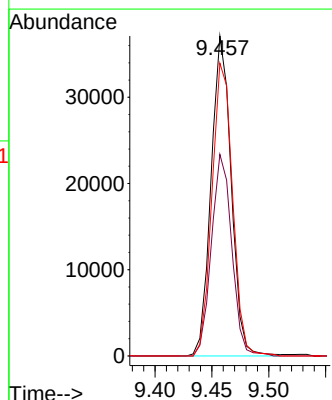
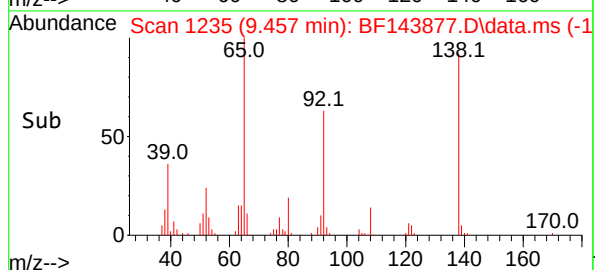
Tgt Ion: 65 Resp: 45663

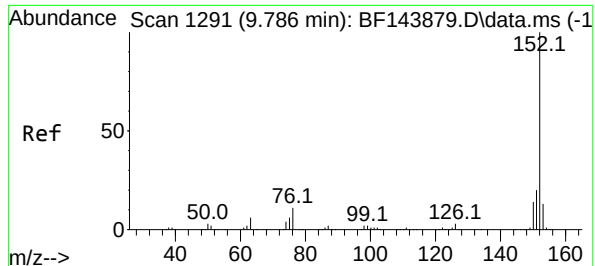
Ion Ratio Lower Upper

65 100

92 63.0 52.1 78.1

138 91.5 77.4 116.2





#49

Acenaphthylene

Concen: 10.962 ng

RT: 9.781 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF143877.D

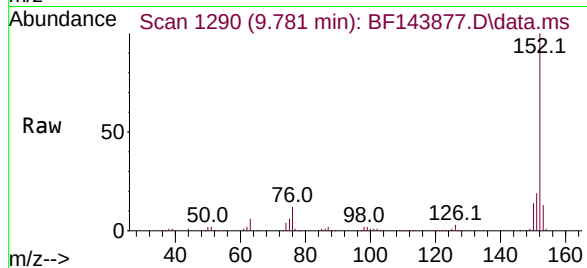
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:152 Resp: 241454

Ion Ratio Lower Upper

152 100

151 18.5 15.8 23.6

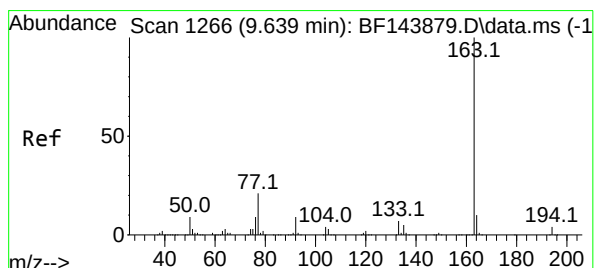
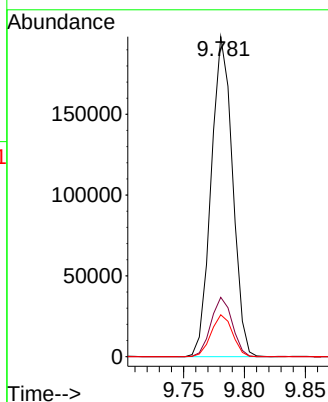
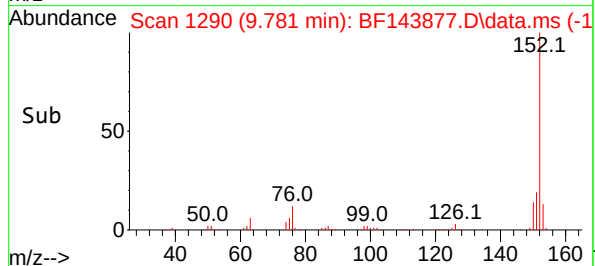
153 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

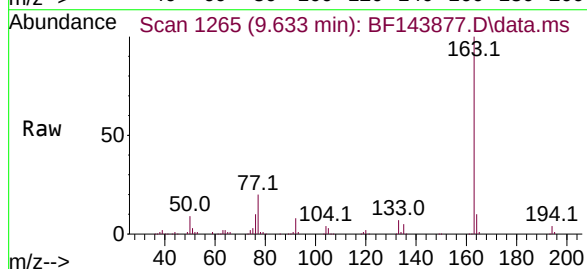
Concen: 10.638 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



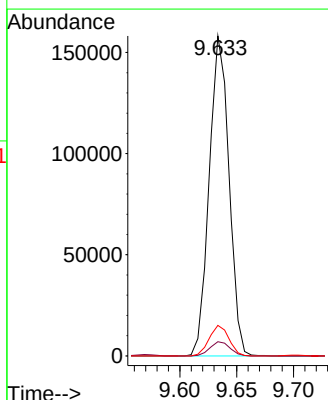
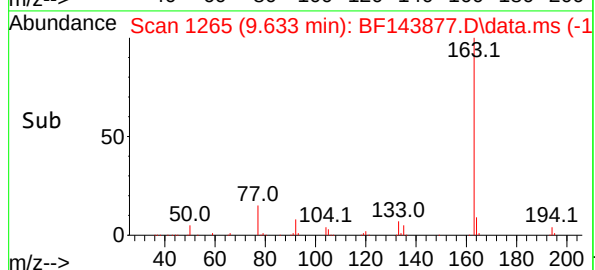
Tgt Ion:163 Resp: 191729

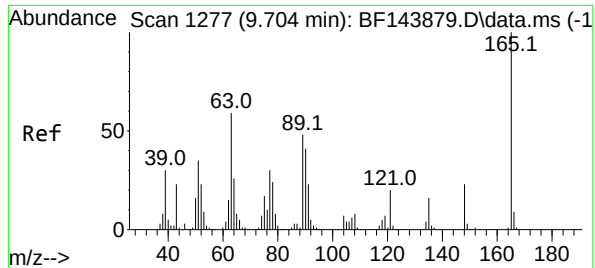
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

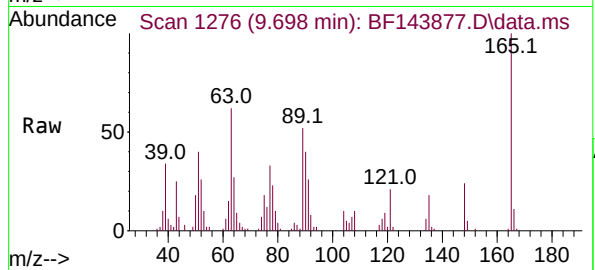
164 9.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 8.655 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

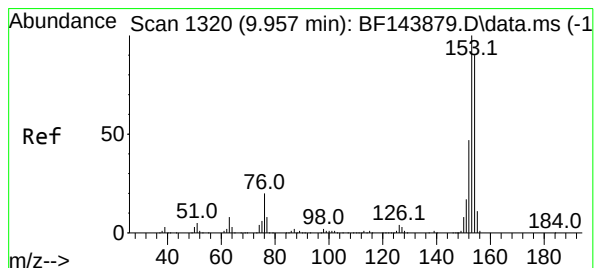
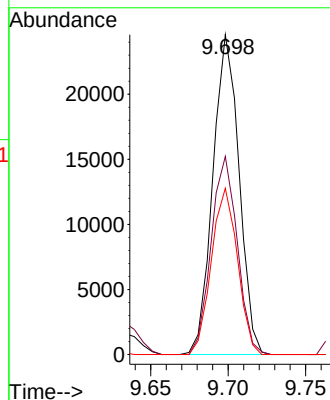
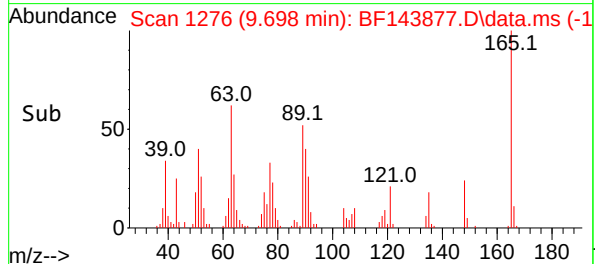
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 28928
Ion Ratio Lower Upper
165 100
63 61.9 47.3 70.9
89 52.0 38.2 57.4

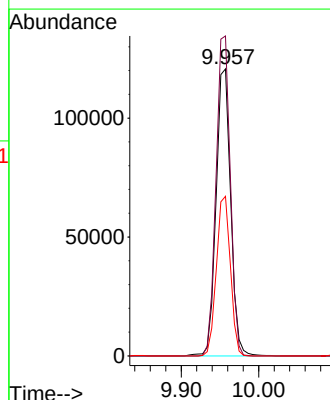
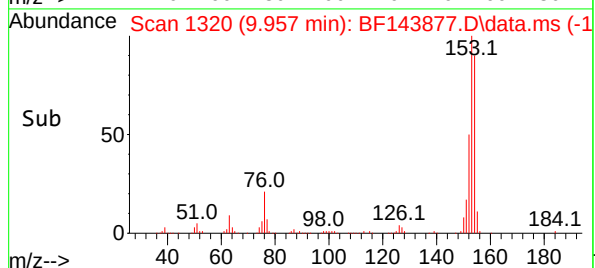
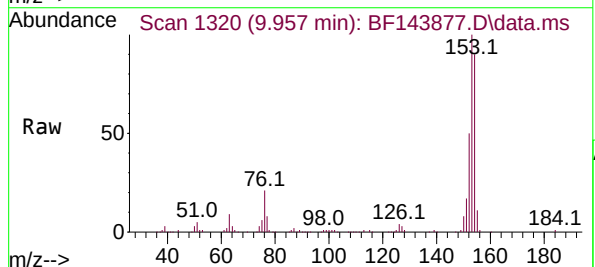
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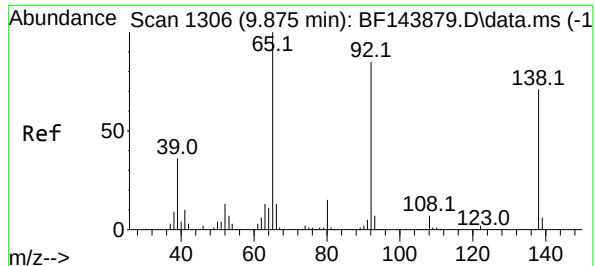
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#52
Acenaphthene
Concen: 10.962 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

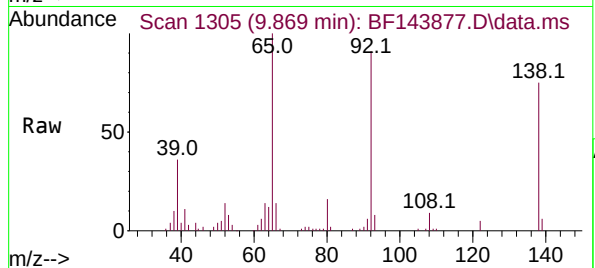
Tgt Ion:154 Resp: 158214
Ion Ratio Lower Upper
154 100
153 111.5 89.3 133.9
152 55.6 42.2 63.2





#53
3-Nitroaniline
Concen: 9.380 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

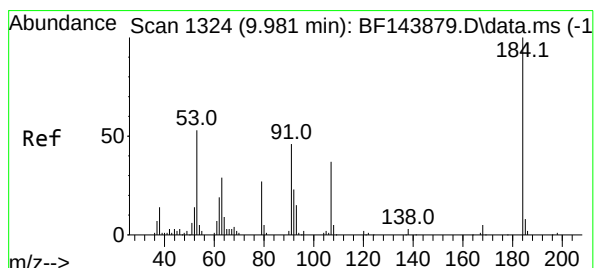
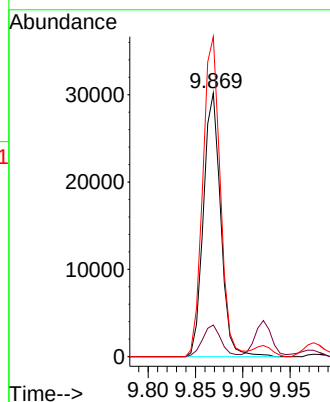
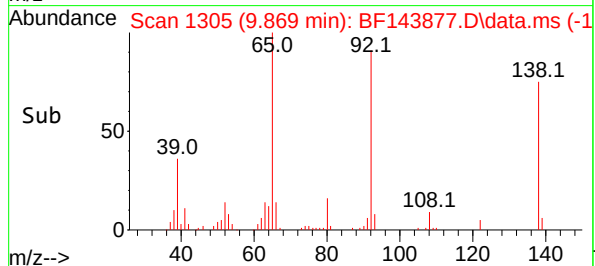
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 38386
Ion Ratio Lower Upper
138 100
108 12.0 8.3 12.5
92 121.4 96.2 144.2

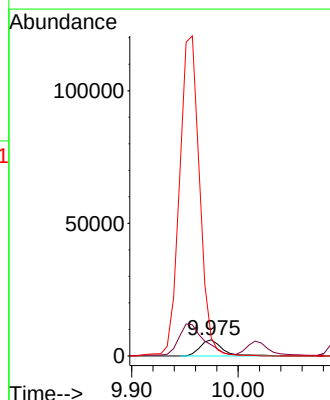
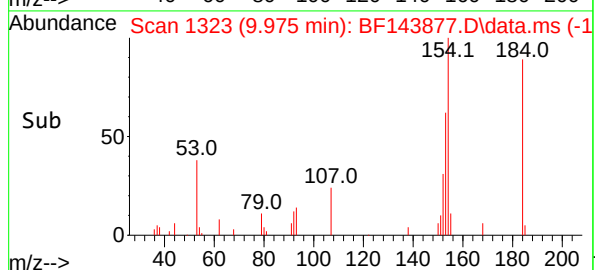
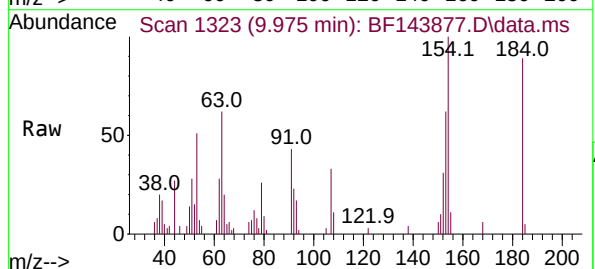
Manual Integrations
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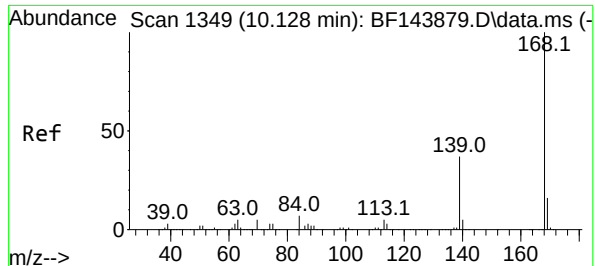
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#54
2,4-Dinitrophenol
Concen: 10.761 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:184 Resp: 8624
Ion Ratio Lower Upper
184 100
63 69.4 48.2 72.4
154 112.7 49.2 73.8#





#55

Dibenzofuran

Concen: 11.199 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143877.D

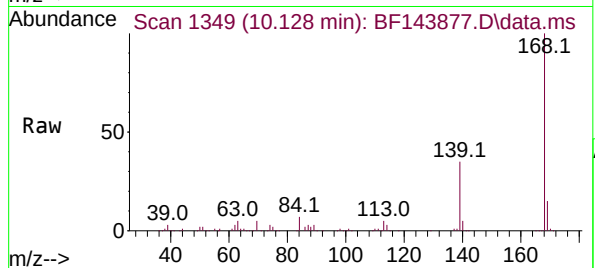
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:168 Resp: 228160

Ion Ratio Lower Upper

168 100

139 35.0 29.8 44.8

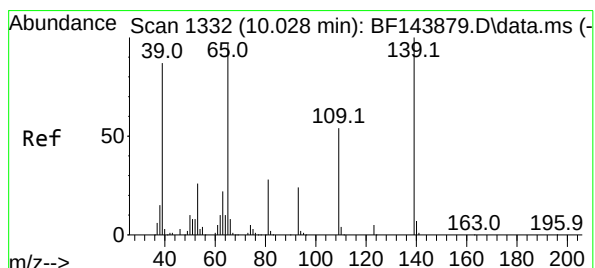
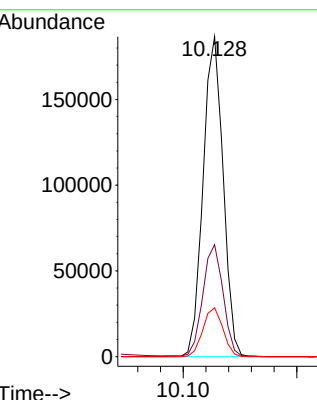
169 15.3 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

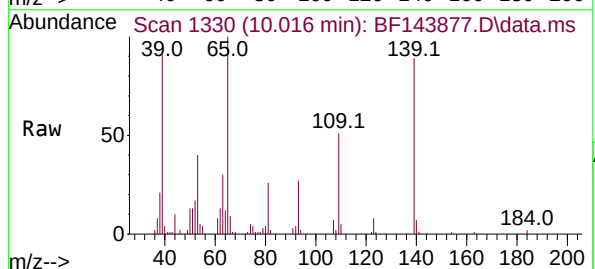
Concen: 7.934 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



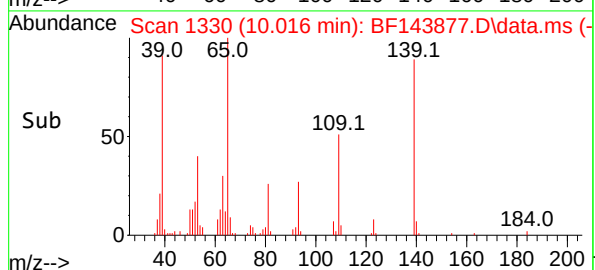
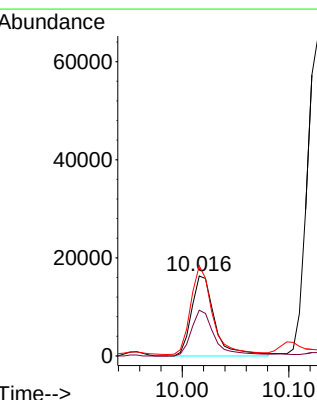
Tgt Ion:139 Resp: 24585

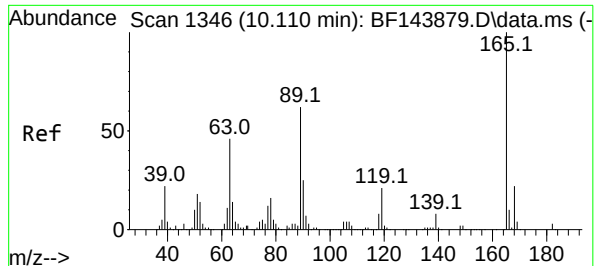
Ion Ratio Lower Upper

139 100

109 57.1 34.5 74.5

65 112.8 77.6 117.6





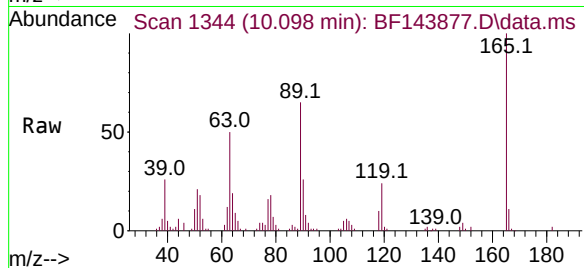
#57
2,4-Dinitrotoluene
Concen: 8.862 ng
RT: 10.098 min Scan# 1346
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

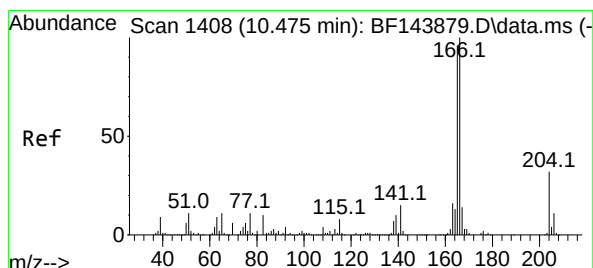
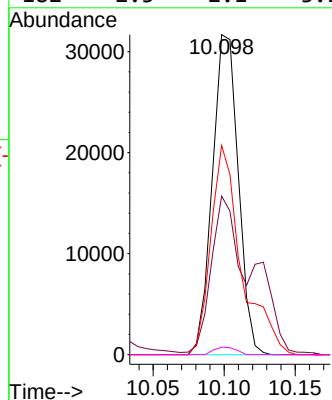
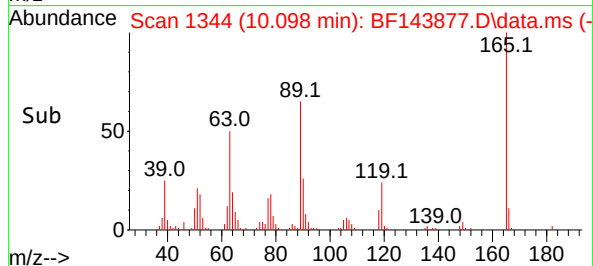


Tgt Ion:165 Resp: 40299
Ion Ratio Lower Upper
165 100
63 49.6 37.2 55.8
89 65.4 49.4 74.2
182 2.3 2.1 3.1

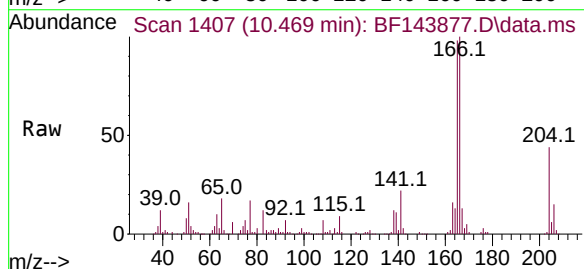
Manual Integrations

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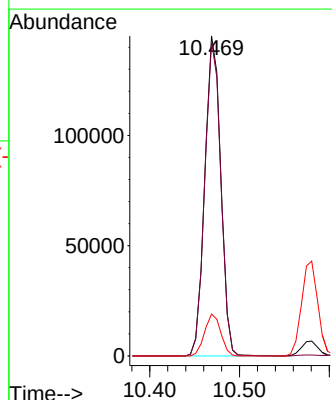
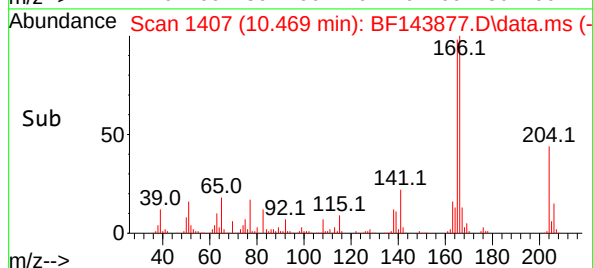
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

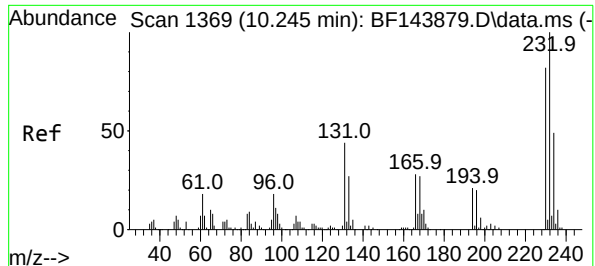


#58
Fluorene
Concen: 11.683 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



Tgt Ion:166 Resp: 179607
Ion Ratio Lower Upper
166 100
165 98.2 77.0 115.6
167 13.1 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 10.041 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

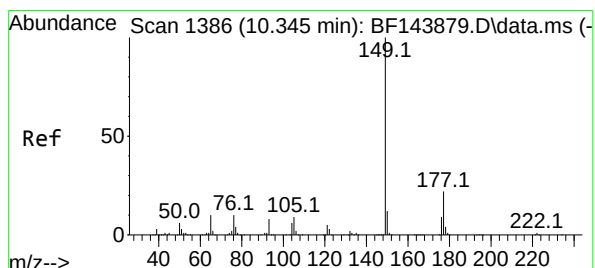
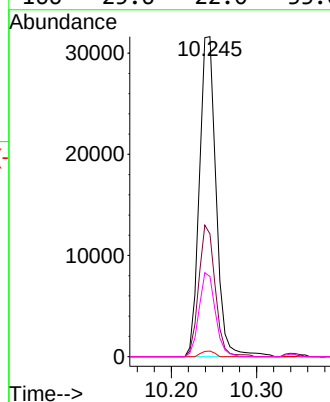
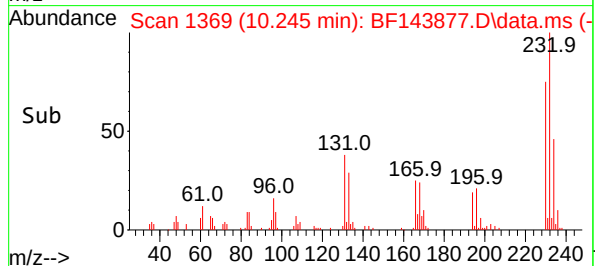
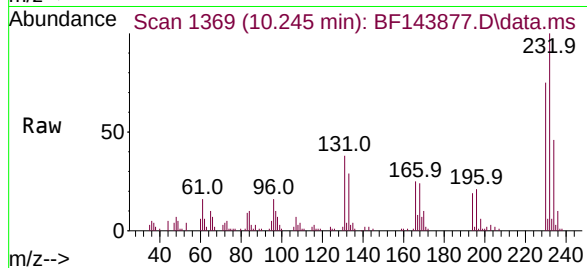
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.3	34.9	52.3
130	1.4	1.6	2.4
166	25.6	22.0	33.0

Manual Integrations

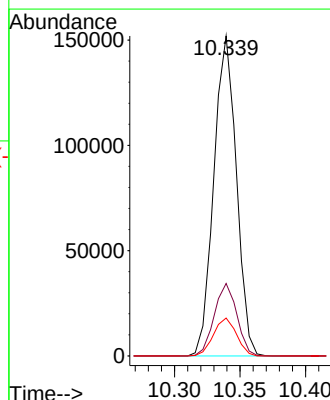
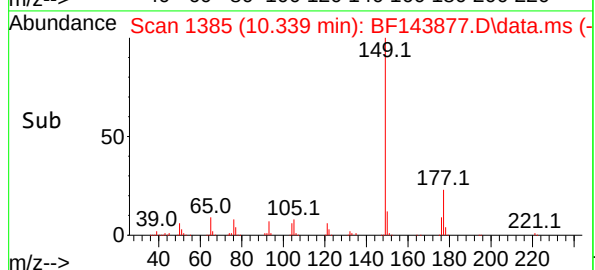
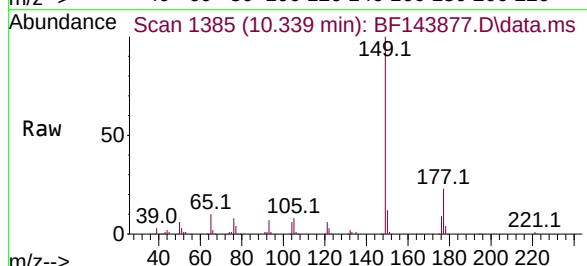
APPROVED

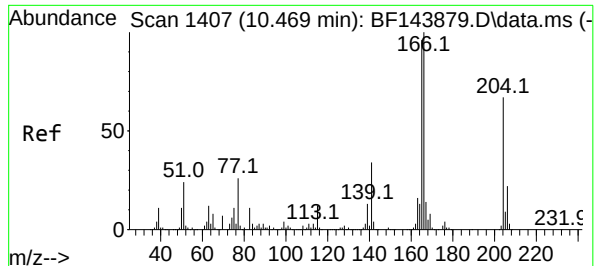
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#60
Diethylphthalate
Concen: 10.860 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

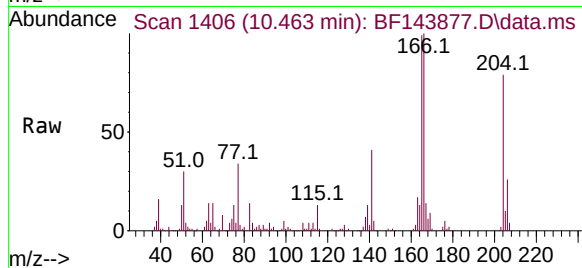
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.9	26.9
150	11.8	9.8	14.8





#61
4-Chlorophenyl-phenylether
Concen: 11.565 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

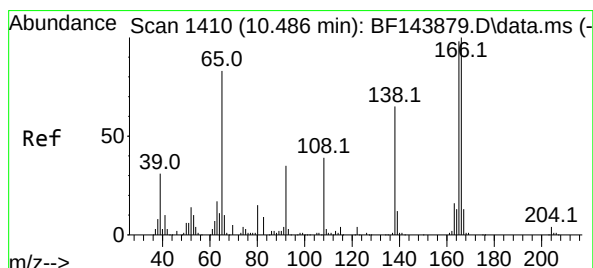
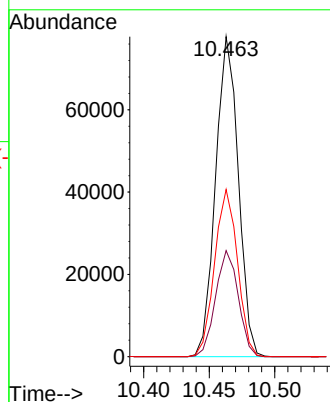
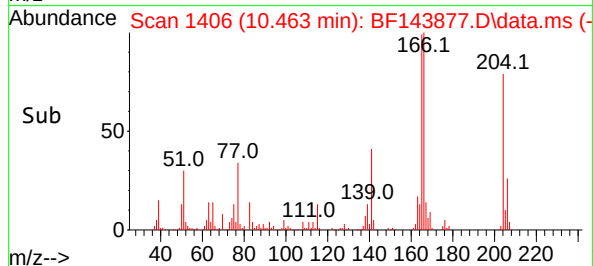
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 94000
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 52.2 40.4 60.6

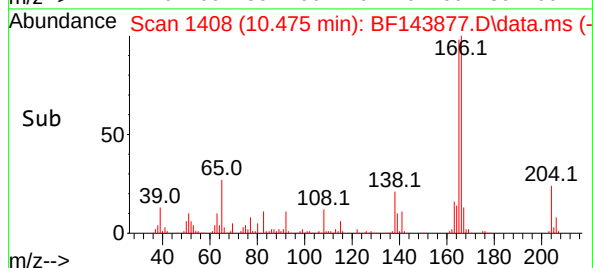
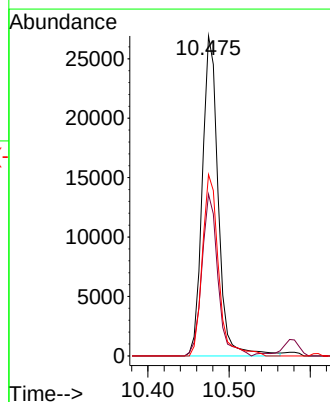
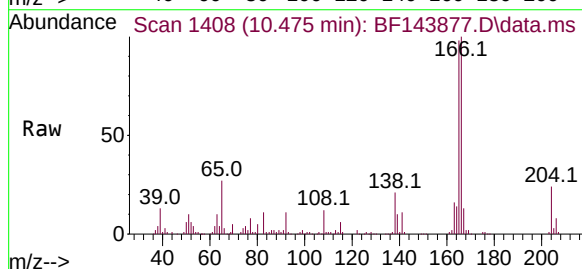
Manual Integrations
APPROVED

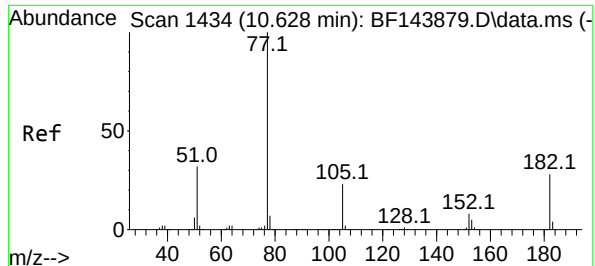
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#62
4-Nitroaniline
Concen: 9.322 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.035 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:138 Resp: 36684
Ion Ratio Lower Upper
138 100
92 50.5 33.9 73.9
108 56.7 40.2 80.2





#63
Azobenzene
Concen: 10.794 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

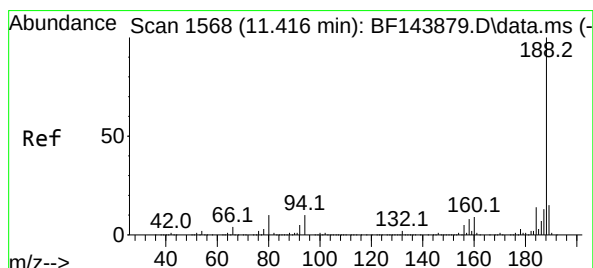
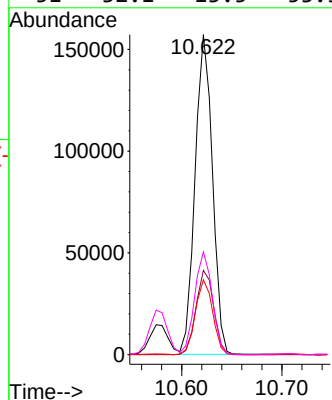
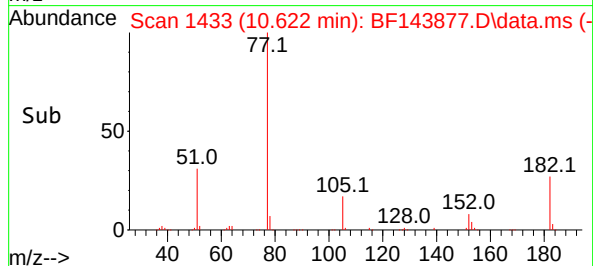
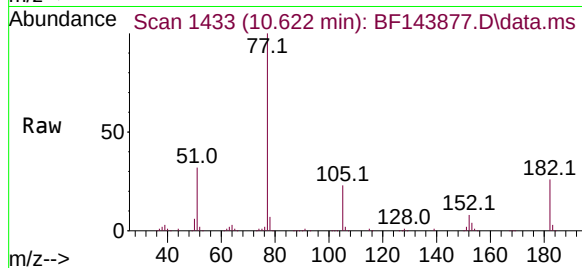
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	7.3	47.3
105	23.4	3.0	43.0
51	32.1	13.5	53.5

Manual Integrations

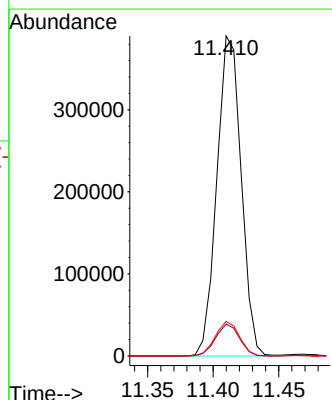
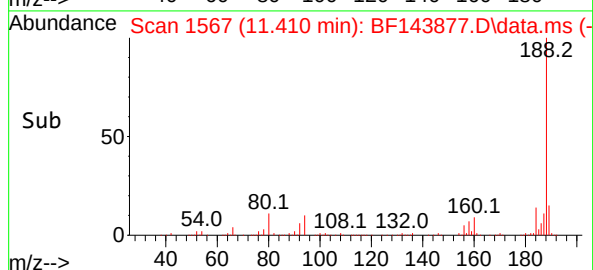
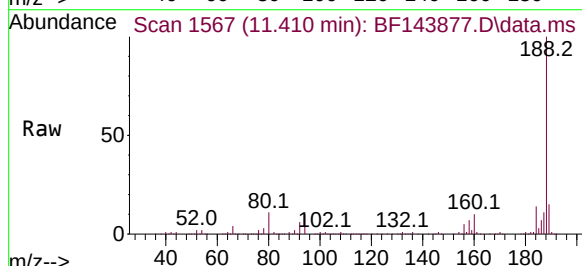
APPROVED

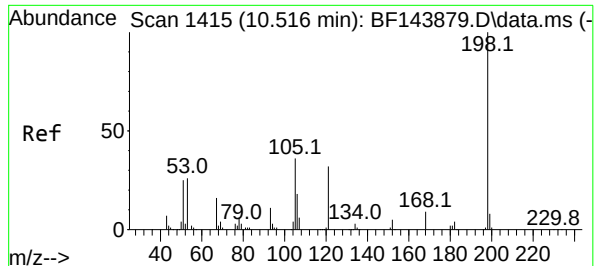
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

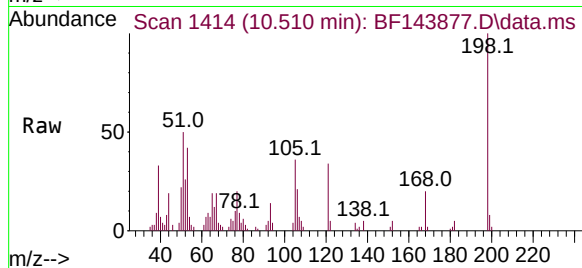
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.8	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 6.421 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

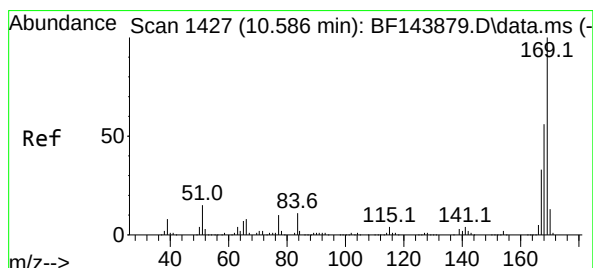
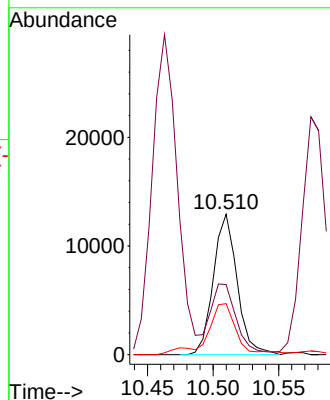
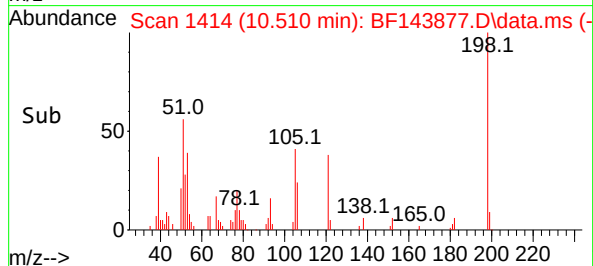
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



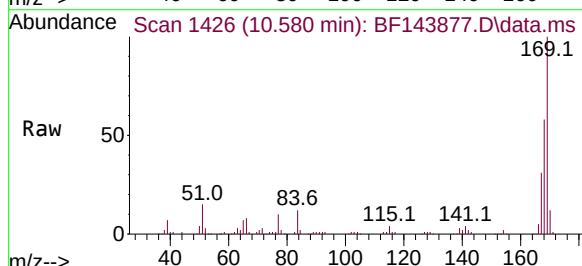
Tgt Ion:198 Resp: 16274
Ion Ratio Lower Upper
198 100
51 49.9 33.8 73.8
105 36.3 17.0 57.0

Manual Integrations
APPROVED

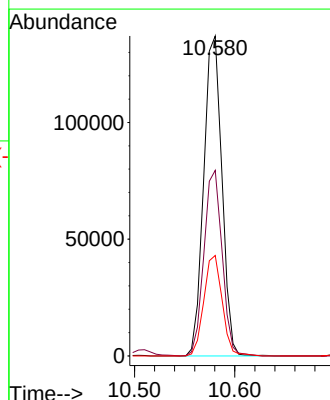
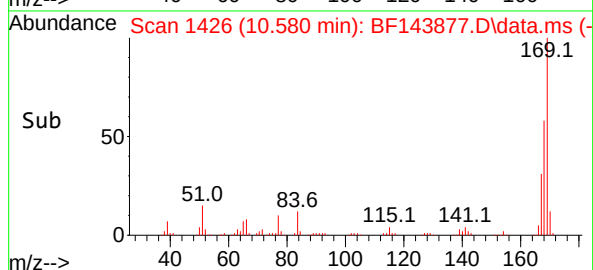
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

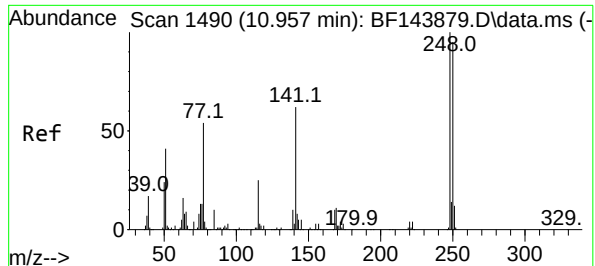


#66
n-Nitrosodiphenylamine
Concen: 10.869 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



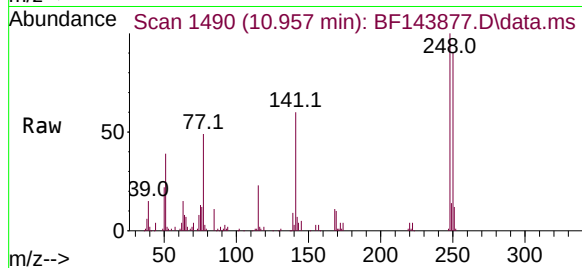
Tgt Ion:169 Resp: 172118
Ion Ratio Lower Upper
169 100
168 58.0 44.9 67.3
167 31.4 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 10.581 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

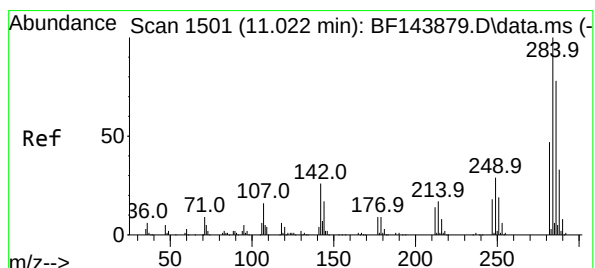
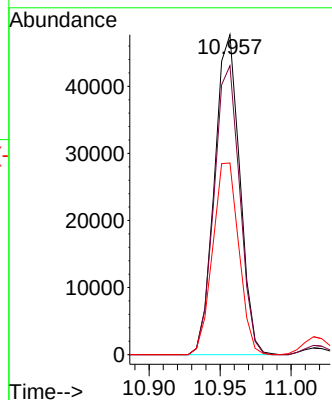
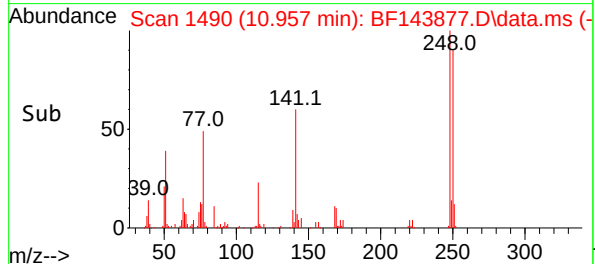
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



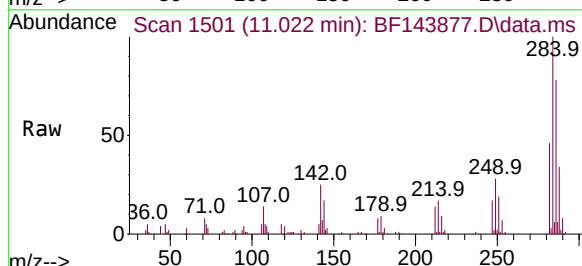
Tgt Ion:248 Resp: 58980
Ion Ratio Lower Upper
248 100
250 90.3 76.3 114.5
141 59.9 49.7 74.5

Manual Integrations
APPROVED

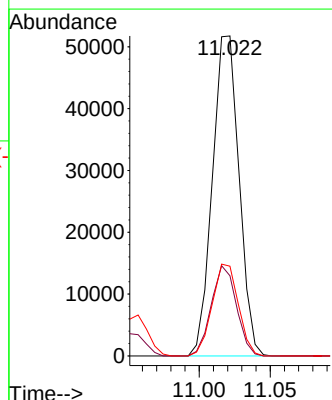
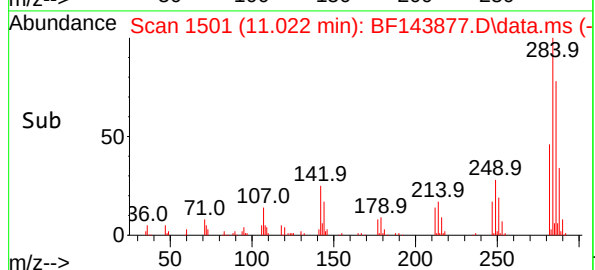
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

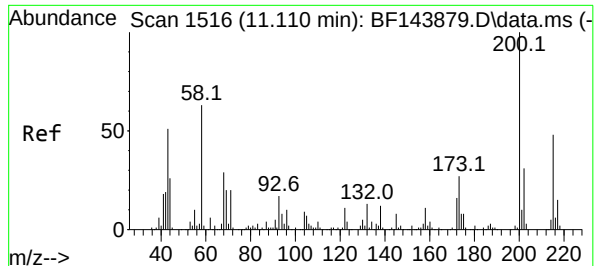


#68
Hexachlorobenzene
Concen: 10.459 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



Tgt Ion:284 Resp: 67494
Ion Ratio Lower Upper
284 100
142 25.0 20.6 30.8
249 28.0 23.2 34.8





#69

Atrazine

Concen: 10.837 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 52016

Ion Ratio Lower Upper

200 100

173 28.2 7.0 47.0

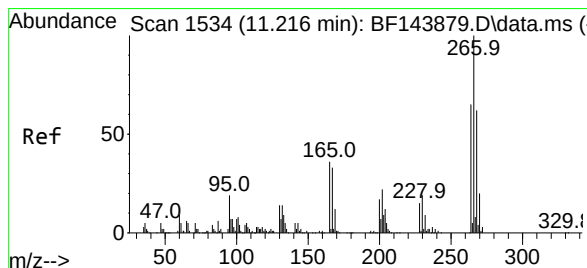
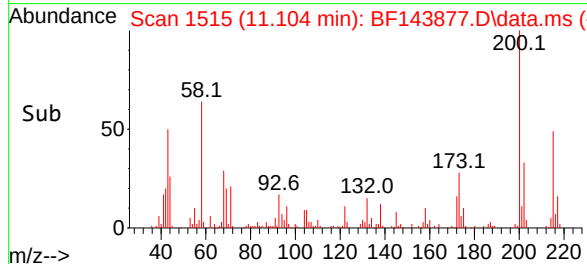
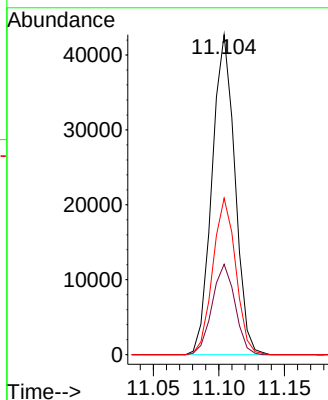
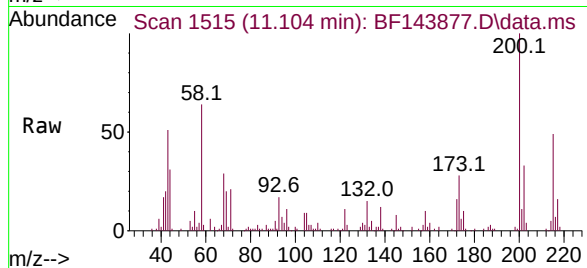
215 48.9 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 7.989 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

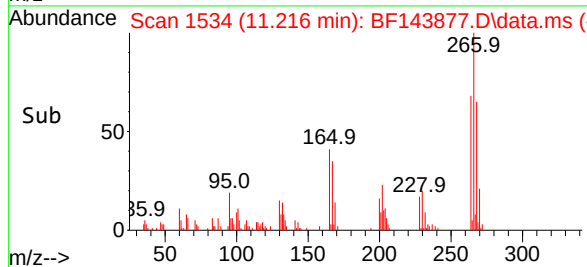
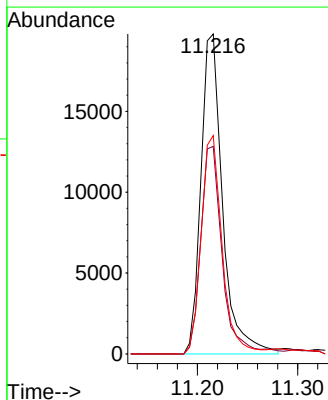
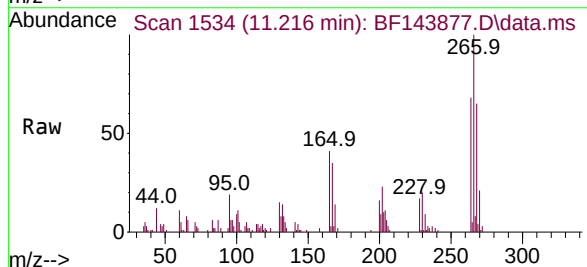
Tgt Ion:266 Resp: 29608

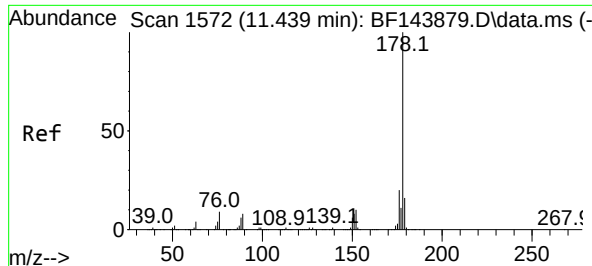
Ion Ratio Lower Upper

266 100

268 64.8 49.4 74.0

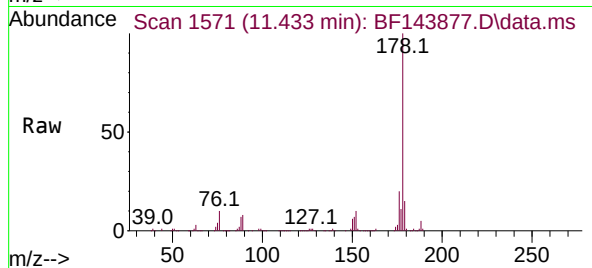
264 68.2 51.8 77.6





#71
Phenanthrene
Concen: 11.267 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

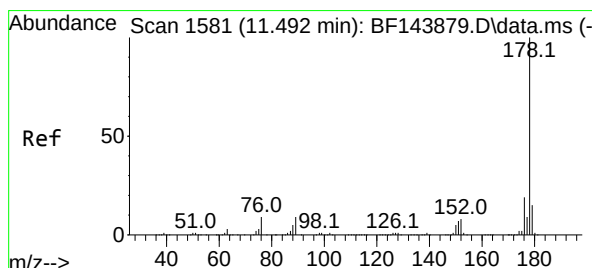
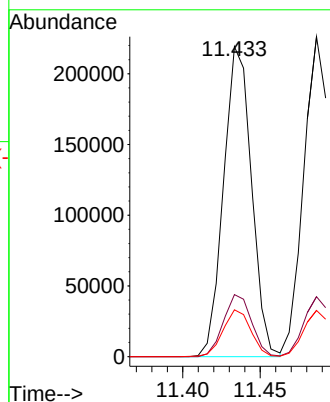
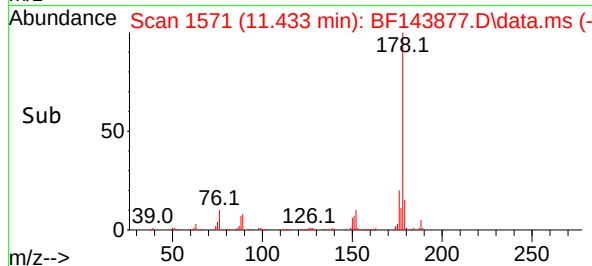
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 275484
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.1 12.4 18.6

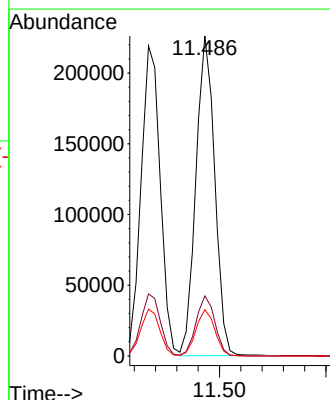
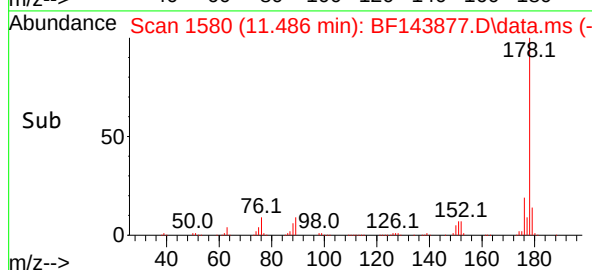
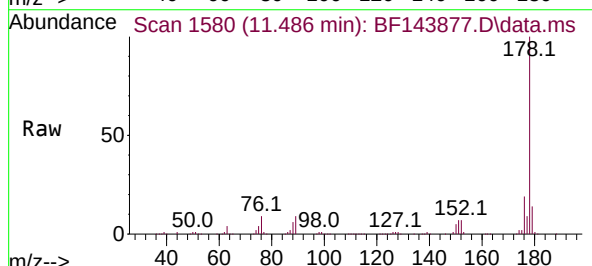
Manual Integrations
APPROVED

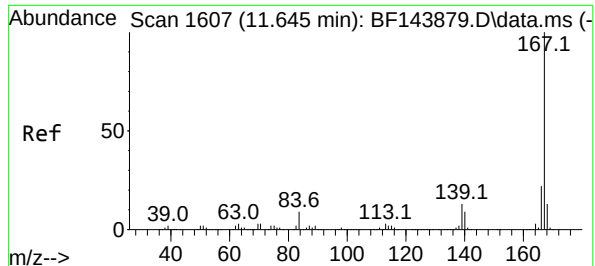
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#72
Anthracene
Concen: 11.201 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

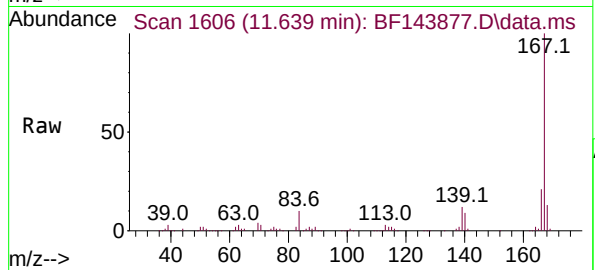
Tgt Ion:178 Resp: 276694
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 14.4 12.2 18.2





#73
Carbazole
Concen: 11.086 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

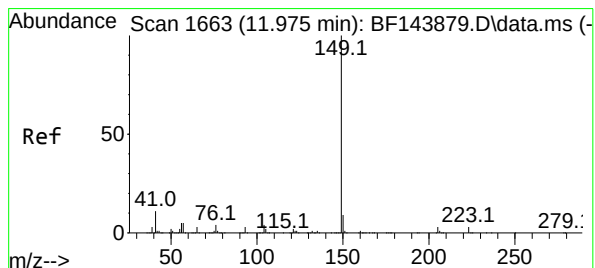
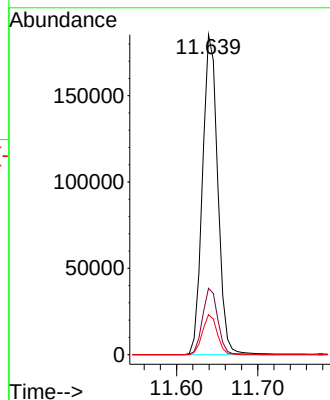
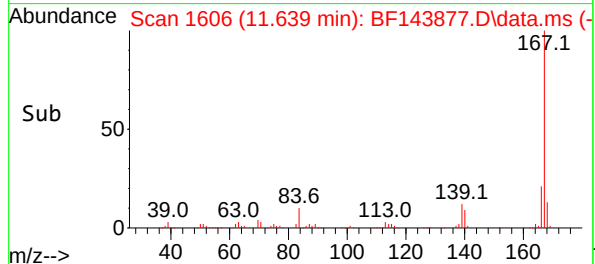
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 242534
Ion Ratio Lower Upper
167 100
166 20.7 17.2 25.8
139 12.5 10.1 15.1

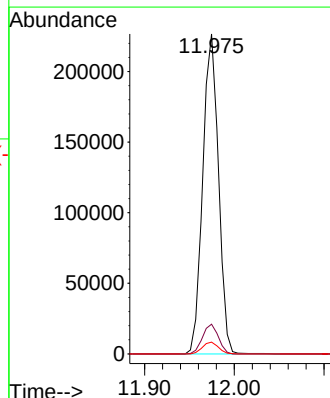
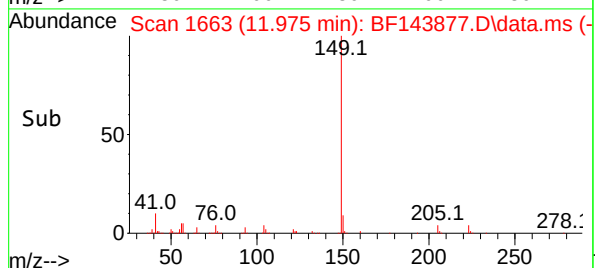
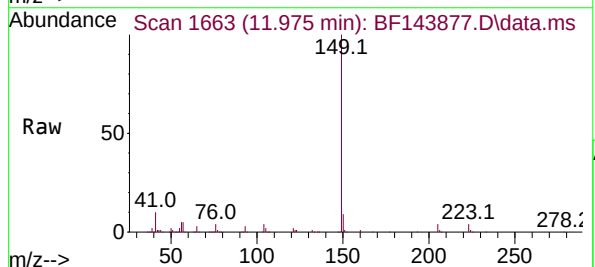
Manual Integrations
APPROVED

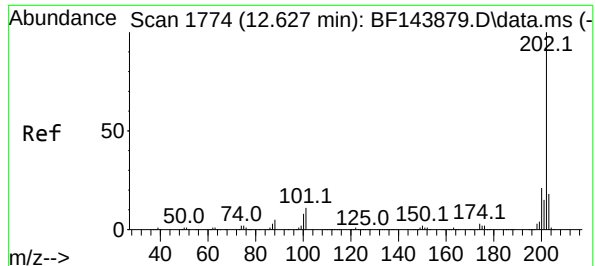
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#74
Di-n-butylphthalate
Concen: 10.879 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

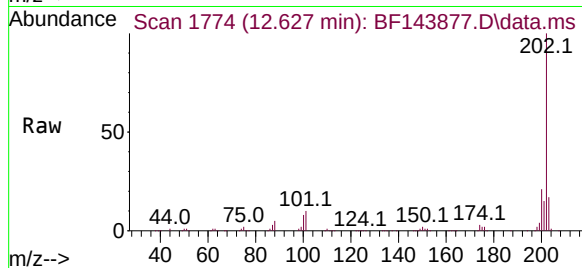
Tgt Ion:149 Resp: 275838
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 3.7 3.4 5.2





#75
Fluoranthene
Concen: 11.510 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

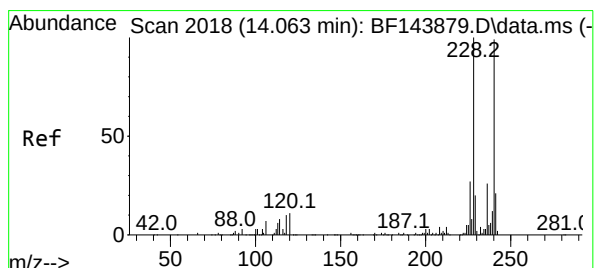
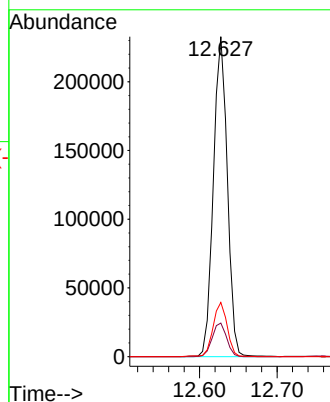
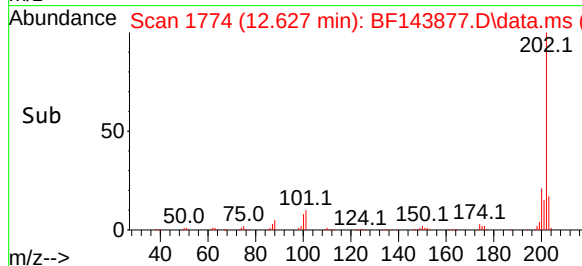
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 290713
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 16.9 0.0 37.8

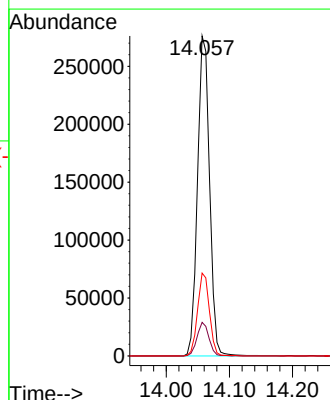
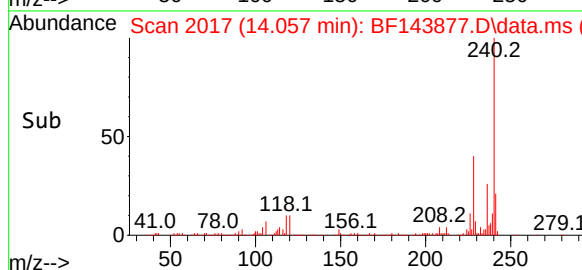
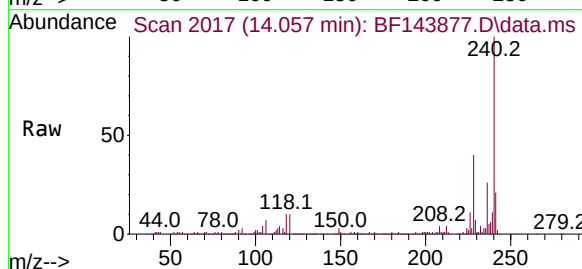
Manual Integrations
APPROVED

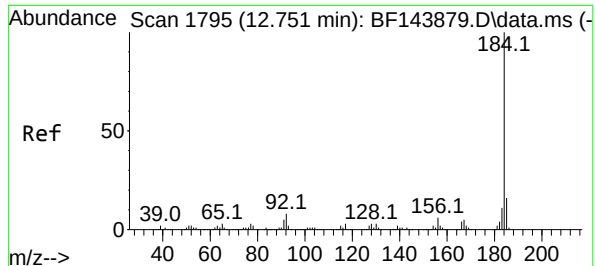
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:240 Resp: 366499
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 25.9 21.1 31.7





#77

Benzidine

Concen: 10.092 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143877.D

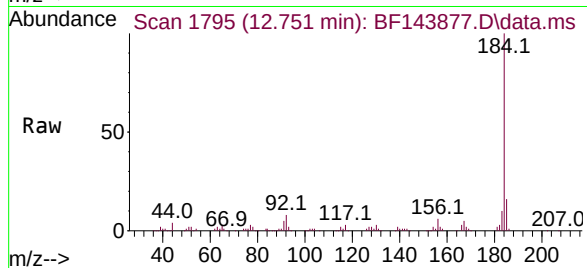
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



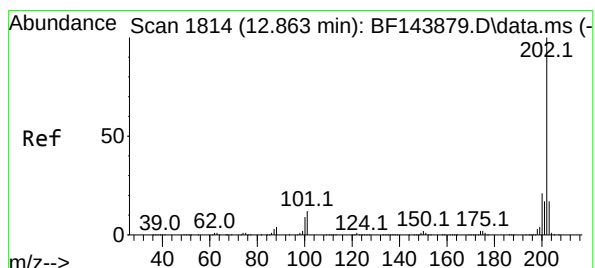
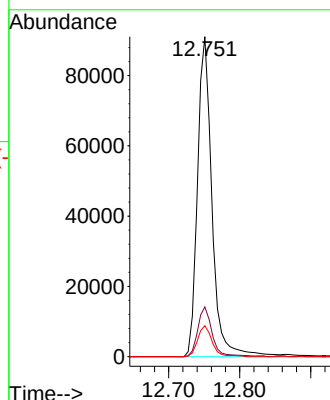
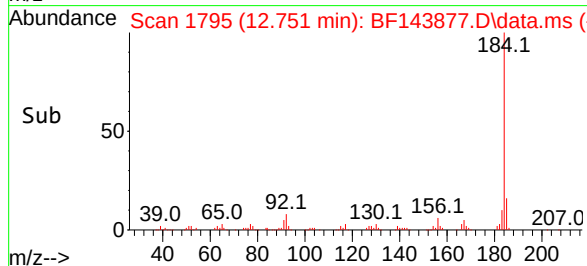
Tgt Ion:	184	Resp:	128424
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	18.8
183	9.7	8.8	13.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

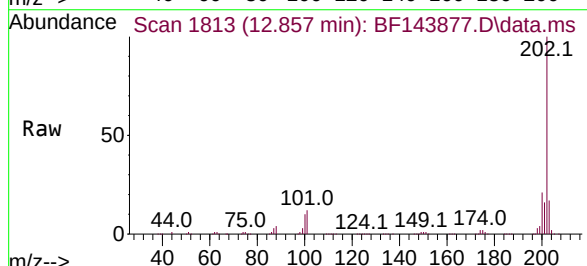
Concen: 9.975 ng

RT: 12.857 min Scan# 1813

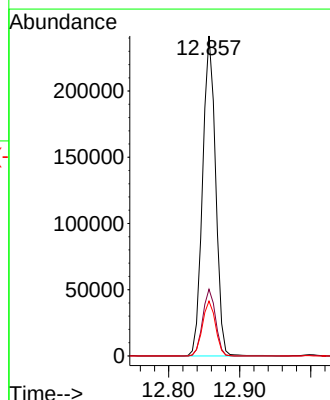
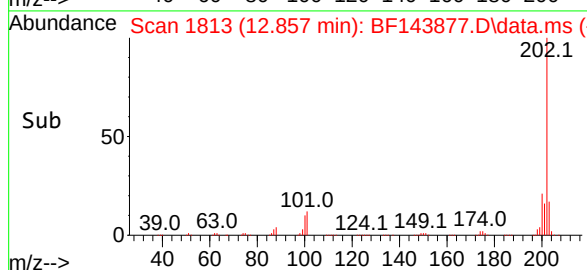
Delta R.T. -0.006 min

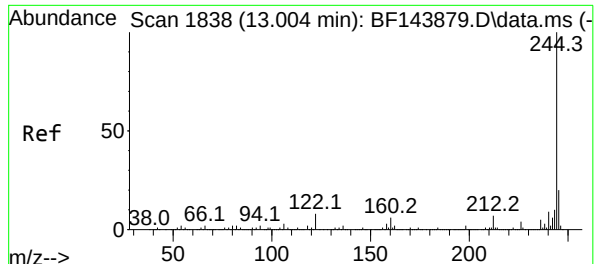
Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



Tgt Ion:	202	Resp:	304789
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.6
203	17.1	13.8	20.6





#79

Terphenyl-d14

Concen: 20.657 ng

RT: 12.998 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 442968

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

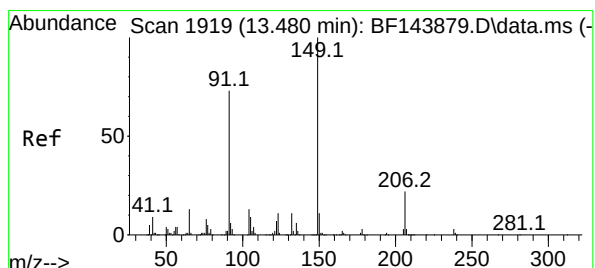
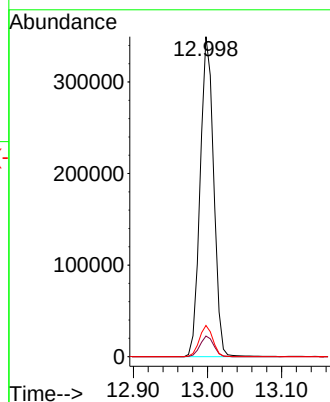
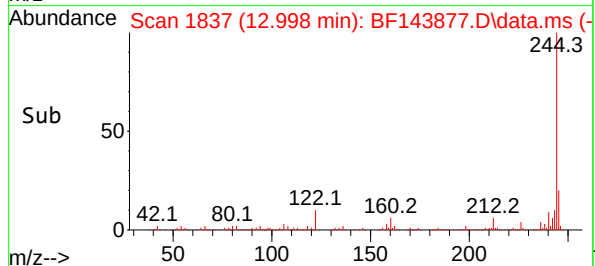
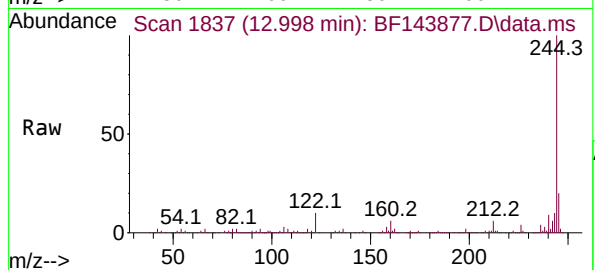
122 9.7 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 9.296 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

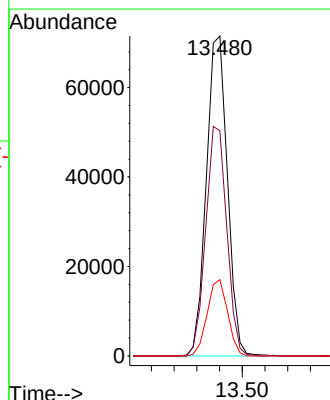
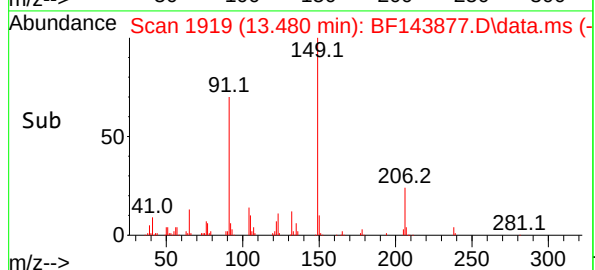
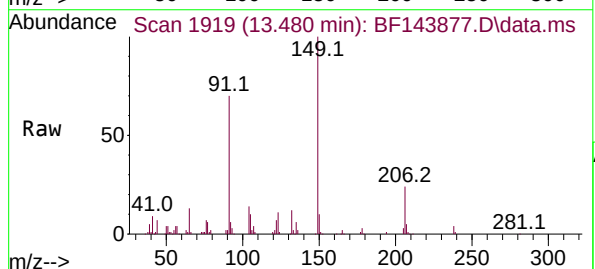
Tgt Ion:149 Resp: 92241

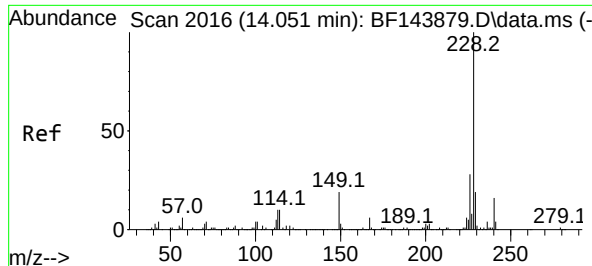
Ion Ratio Lower Upper

149 100

91 70.3 58.2 87.2

206 23.8 17.9 26.9





#81

Benzo(a)anthracene

Concen: 10.293 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143877.D

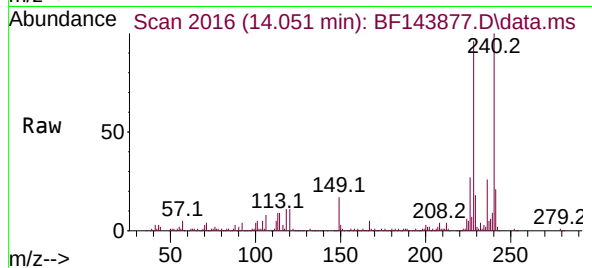
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:228 Resp: 24687

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

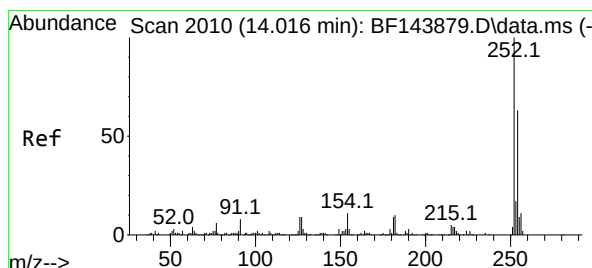
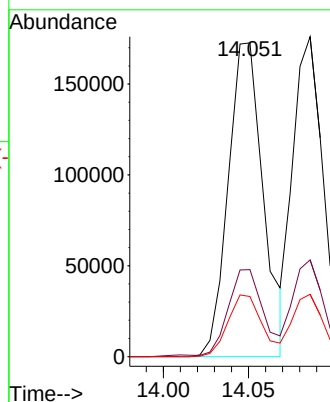
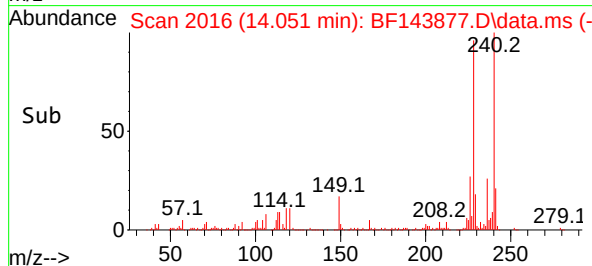
229 19.1 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#82

3,3'-Dichlorobenzidine

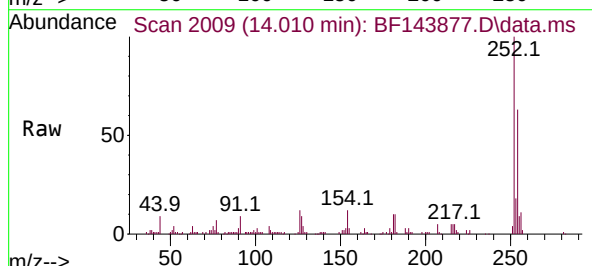
Concen: 9.129 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



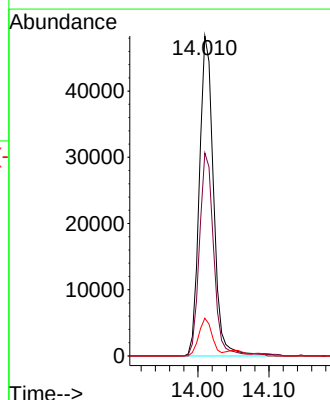
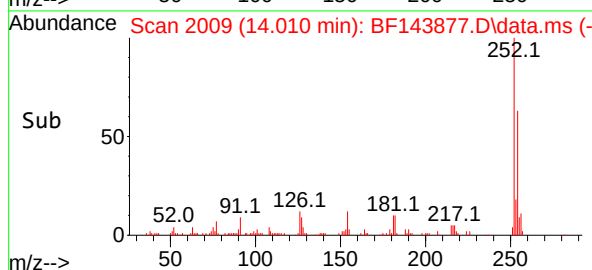
Tgt Ion:252 Resp: 66722

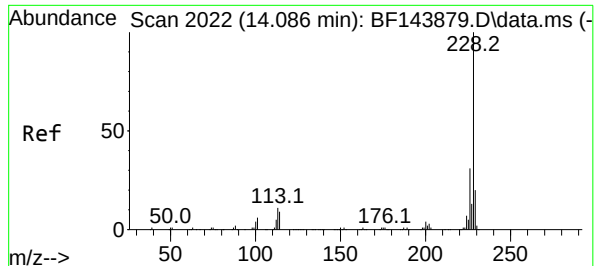
Ion Ratio Lower Upper

252 100

254 63.4 50.6 76.0

126 11.8 7.0 10.6#





#83

Chrysene

Concen: 9.809 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 21774

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

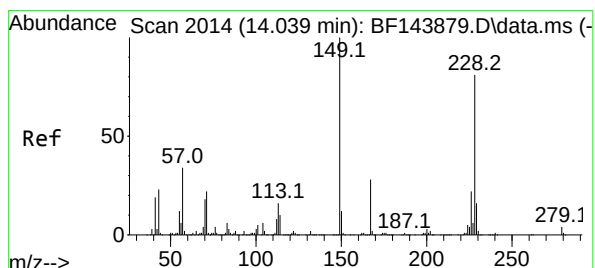
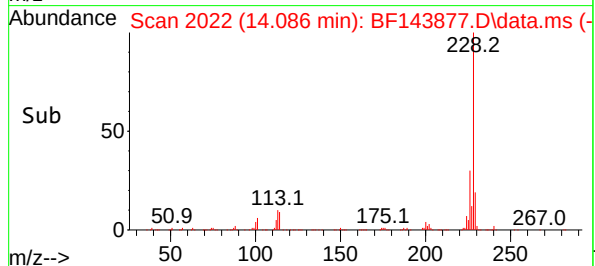
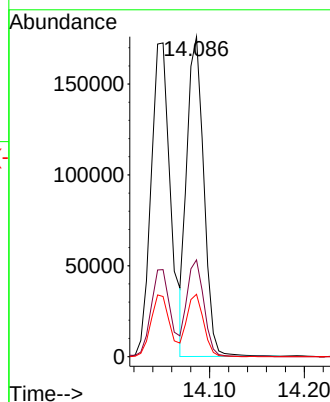
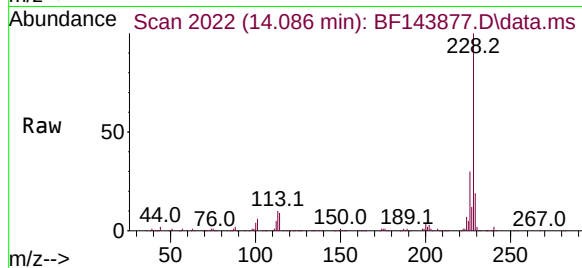
229 19.5 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.483 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

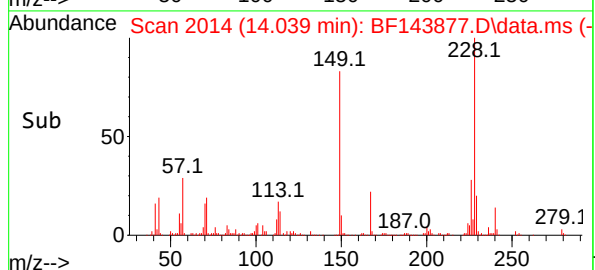
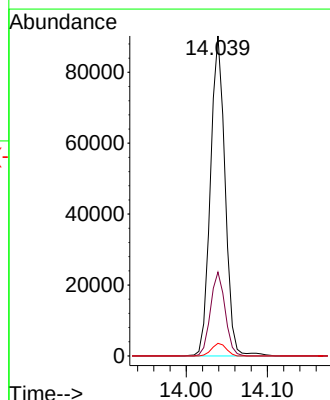
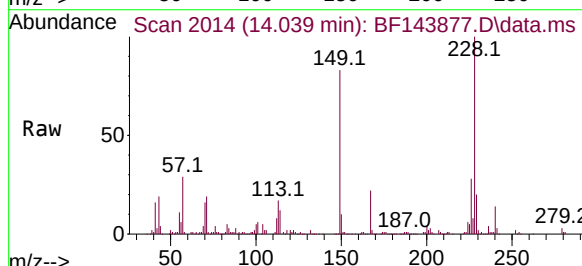
Tgt Ion:149 Resp: 113431

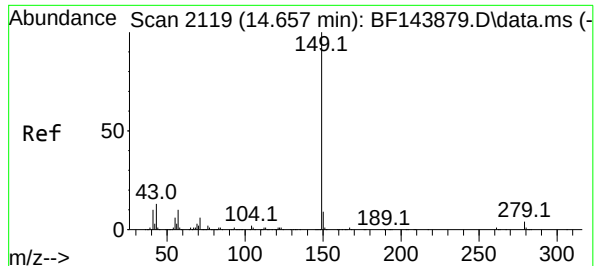
Ion Ratio Lower Upper

149 100

167 26.2 22.2 33.4

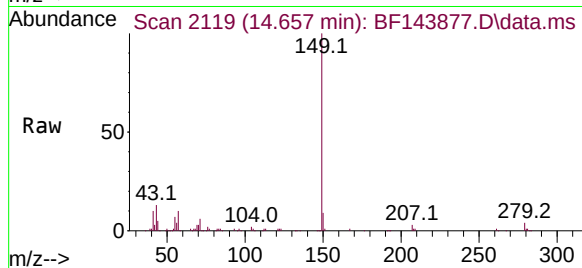
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 7.810 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

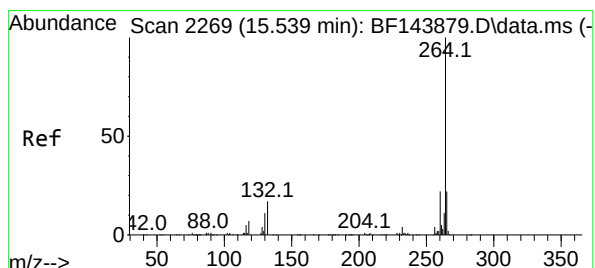
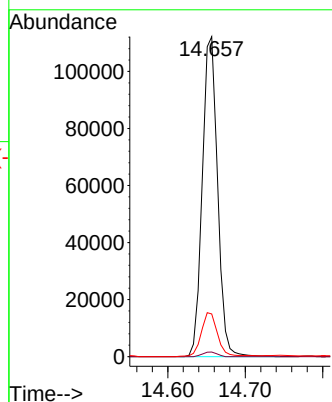
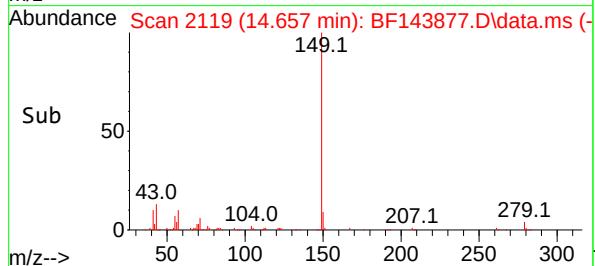
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



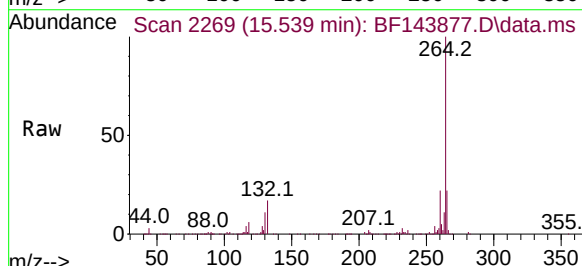
Tgt Ion:149 Resp: 153434
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 14.8 11.0 16.4

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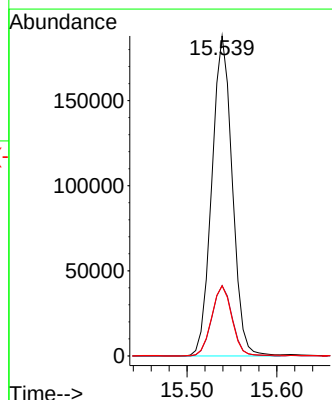
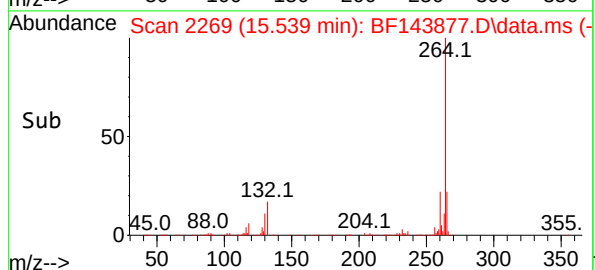
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

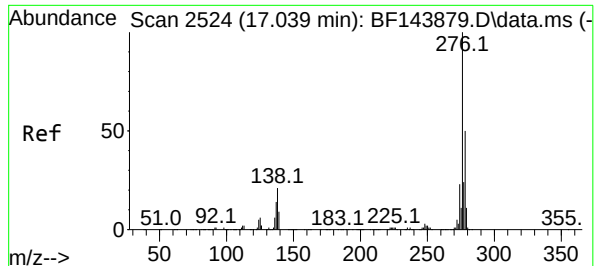


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



Tgt Ion:264 Resp: 297391
Ion Ratio Lower Upper
264 100
260 22.0 17.8 26.8
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.011 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 164200

Ion Ratio Lower Upper

276 100

138 26.2 18.2 27.2

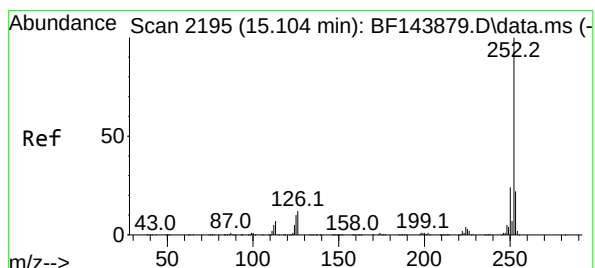
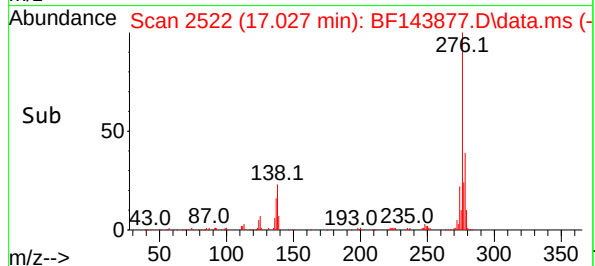
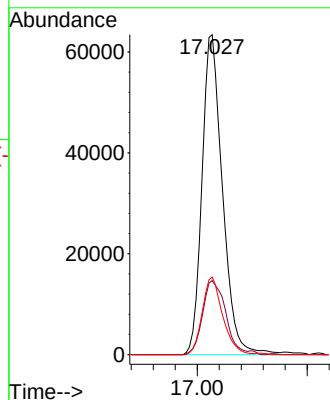
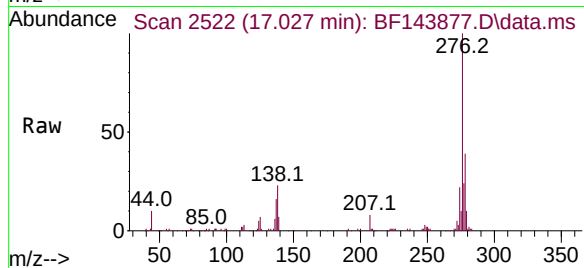
277 24.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 9.901 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

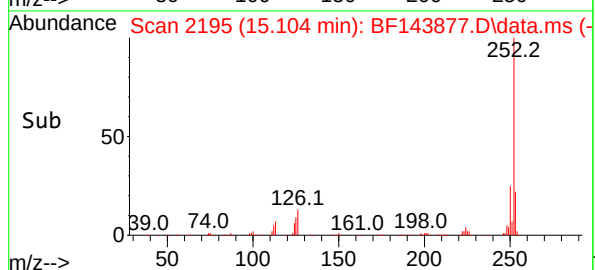
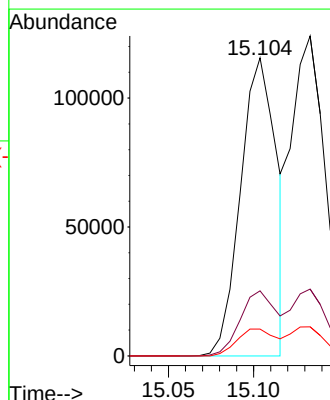
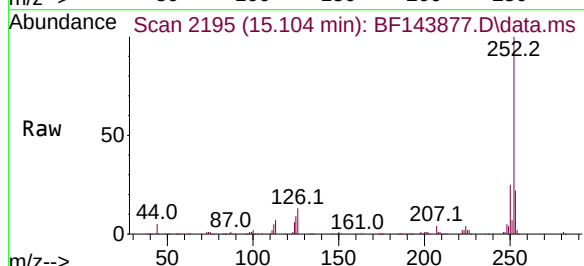
Tgt Ion:252 Resp: 169146

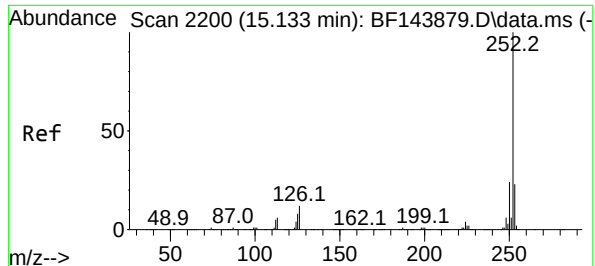
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.0 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 11.032 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 174390

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.8

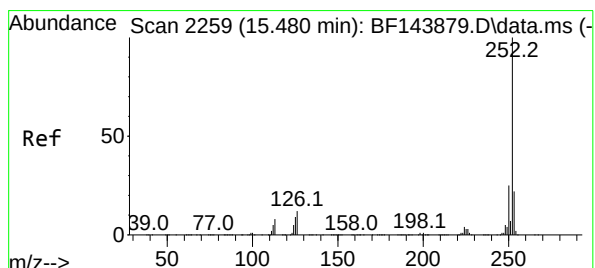
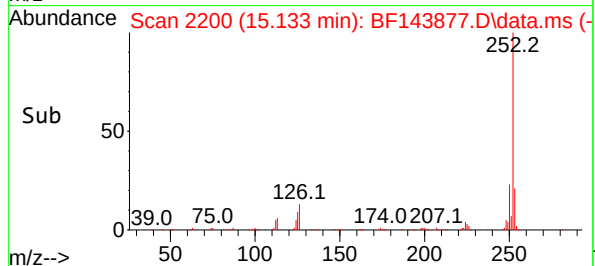
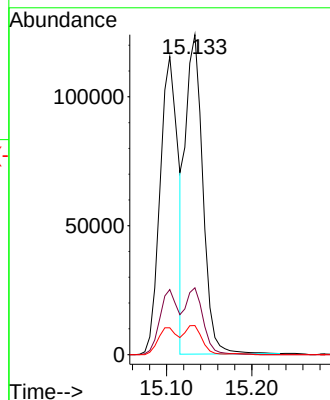
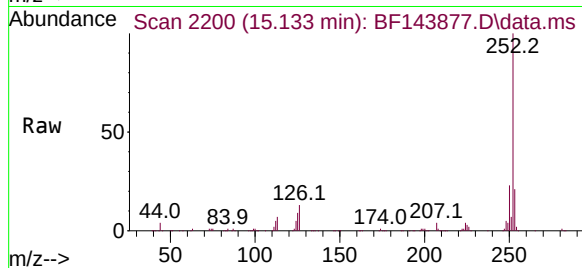
125 9.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 10.096 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

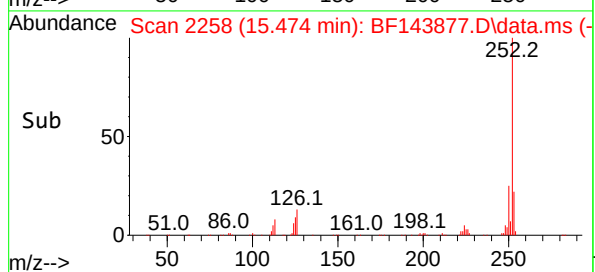
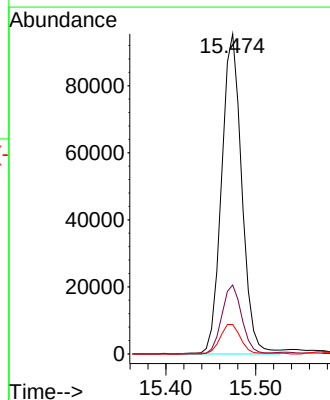
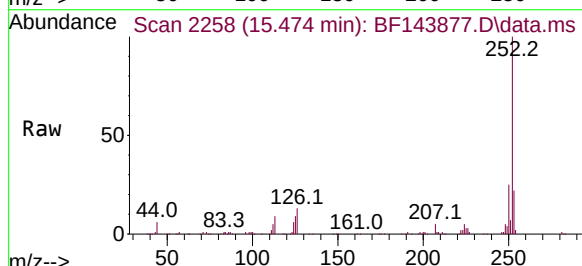
Tgt Ion:252 Resp: 149543

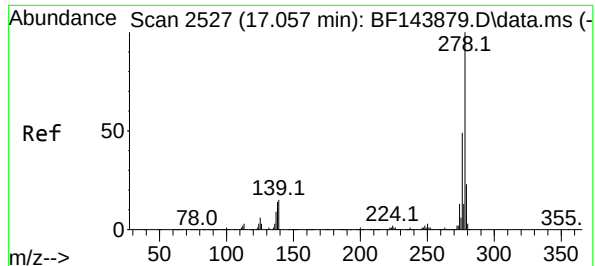
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

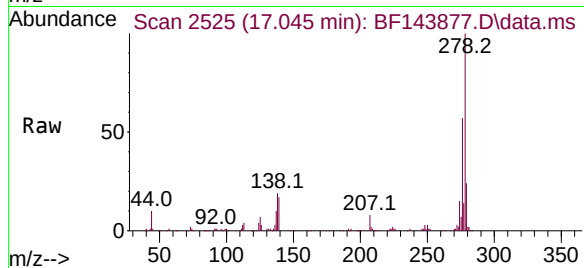
125 9.2 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 9.279 ng
RT: 17.045 min Scan# 2527
Delta R.T. -0.035 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

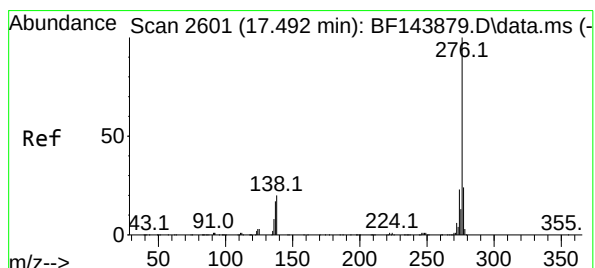
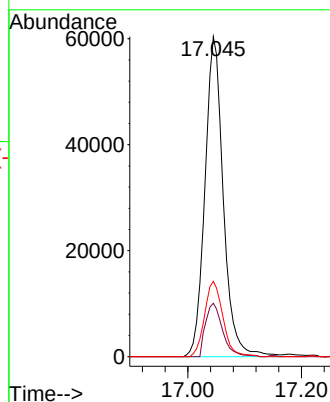
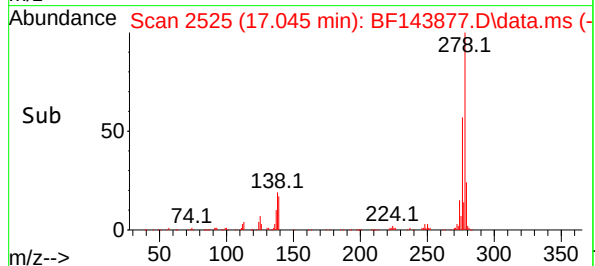
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:278 Resp: 135992
Ion Ratio Lower Upper
278 100
139 16.7 11.7 17.5
279 23.5 18.4 27.6

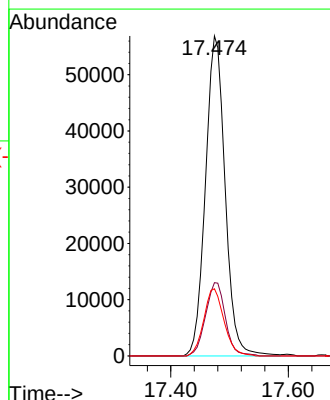
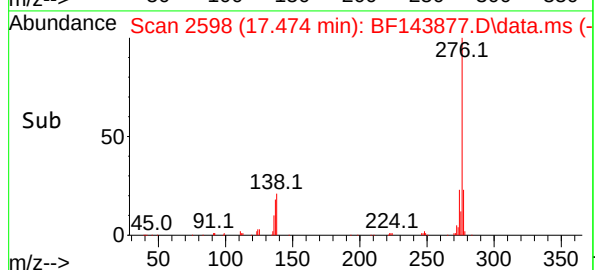
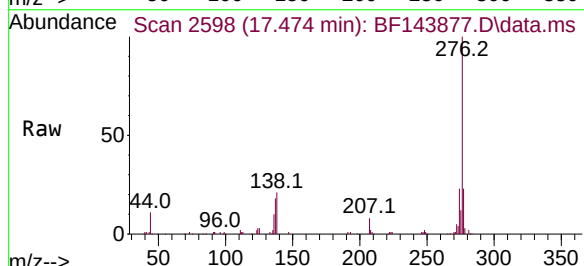
Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#92
Benzo(g,h,i)perylene
Concen: 9.012 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.041 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:276 Resp: 132076
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 21.0 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143878.D
 Acq On : 06 Oct 2025 11:56
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	144072	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	561772	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	311297	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	536961	20.000	ng	0.00
76) Chrysene-d12	14.063	240	346764	20.000	ng	0.00
86) Perylene-d12	15.539	264	314616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	389641	42.947	ng	0.00
7) Phenol-d6	6.498	99	461437	42.670	ng	-0.02
23) Nitrobenzene-d5	7.439	82	389584	42.133	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	130577	42.114	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	831185	42.367	ng	-0.01
79) Terphenyl-d14	12.998	244	881486	43.445	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	86079	20.503	ng	97
3) Pyridine	3.410	79	251988	20.618	ng	99
4) n-Nitrosodimethylamine	3.346	42	128915	20.051	ng	96
6) Aniline	6.540	93	340202	20.994	ng	99
8) 2-Chlorophenol	6.663	128	183611	20.704	ng	99
9) Benzaldehyde	6.434	77	147781	17.715	ng	99
10) Phenol	6.510	94	272100m	21.046	ng	
11) bis(2-Chloroethyl)ether	6.616	93	211296	21.157	ng	100
12) 1,3-Dichlorobenzene	6.822	146	228938	21.566	ng	98
13) 1,4-Dichlorobenzene	6.898	146	225703	21.554	ng	99
14) 1,2-Dichlorobenzene	7.051	146	216196	21.555	ng	98
15) Benzyl Alcohol	7.016	79	164008	20.241	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	471598	20.745	ng	100
17) 2-Methylphenol	7.128	107	151099	20.616	ng	99
18) Hexachloroethane	7.398	117	74147	21.232	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	151838	20.512	ng	99
20) 3+4-Methylphenols	7.281	107	193273	22.753	ng	# 86
22) Acetophenone	7.287	105	259382	21.837	ng	100
24) Nitrobenzene	7.463	77	218497	21.279	ng	100
25) Isophorone	7.698	82	397606	20.393	ng	99
26) 2-Nitrophenol	7.781	139	91336	20.747	ng	96
27) 2,4-Dimethylphenol	7.810	122	163783	20.682	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	260252	21.131	ng	98
29) 2,4-Dichlorophenol	8.016	162	175934	21.328	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	172265	21.234	ng	98
31) Naphthalene	8.186	128	545971	21.365	ng	99
32) Benzoic acid	7.892	122	98172m	17.912	ng	
33) 4-Chloroaniline	8.233	127	200545	20.924	ng	98
34) Hexachlorobutadiene	8.304	225	118056	20.941	ng	98
35) Caprolactam	8.586	113	51159	19.505	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	162629	20.524	ng	97
37) 2-Methylnaphthalene	8.875	142	367401	21.583	ng	99
38) 1-Methylnaphthalene	8.975	142	353459	21.407	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	185181	21.523	ng	98
41) Hexachlorocyclopentadiene	9.033	237	67128	18.807	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	132747	21.116	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143878.D
 Acq On : 06 Oct 2025 11:56
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

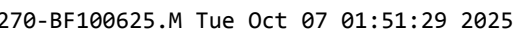
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143043	21.532	ng	98
46) 1,1'-Biphenyl	9.339	154	450706	21.868	ng	100
47) 2-Chloronaphthalene	9.369	162	372531	21.679	ng	96
48) 2-Nitroaniline	9.457	65	115519	21.263	ng	98
49) Acenaphthylene	9.780	152	512980	21.234	ng	100
50) Dimethylphthalate	9.639	163	415359	21.011	ng	100
51) 2,6-Dinitrotoluene	9.698	165	76360	20.831	ng	96
52) Acenaphthene	9.957	154	341066	21.545	ng	99
53) 3-Nitroaniline	9.869	138	95127	21.194	ng	99
54) 2,4-Dinitrophenol	9.975	184	29199	18.734	ng	# 67
55) Dibenzofuran	10.128	168	489250	21.894	ng	98
56) 4-Nitrophenol	10.022	139	66930	19.694	ng	97
57) 2,4-Dinitrotoluene	10.104	165	106136	21.280	ng	99
58) Fluorene	10.469	166	365206	21.659	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	98138	20.869	ng	99
60) Diethylphthalate	10.339	149	396233	21.575	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	194875	21.860	ng	97
62) 4-Nitroaniline	10.480	138	88594	20.526	ng	98
63) Azobenzene	10.622	77	407261	21.218	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	49405	18.309	ng	100
66) n-Nitrosodiphenylamine	10.580	169	362217	21.484	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	123882	20.876	ng	98
68) Hexachlorobenzene	11.022	284	141316	20.570	ng	99
69) Atrazine	11.104	200	114492	22.405	ng	99
70) Pentachlorophenol	11.216	266	81624	20.687	ng	95
71) Phenanthrene	11.439	178	572157	21.979	ng	98
72) Anthracene	11.486	178	567724	21.588	ng	100
73) Carbazole	11.639	167	504282	21.651	ng	99
74) Di-n-butylphthalate	11.974	149	595140	22.047	ng	99
75) Fluoranthene	12.627	202	587348	21.843	ng	98
77) Benzidine	12.751	184	249358	20.710	ng	97
78) Pyrene	12.857	202	613300	21.215	ng	99
80) Butylbenzylphthalate	13.480	149	200832	21.391	ng	97
81) Benzo(a)anthracene	14.051	228	469566	20.693	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	139822	20.219	ng	# 96
83) Chrysene	14.086	228	439378	20.920	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	238132	21.041	ng	100
85) Di-n-octyl phthalate	14.657	149	349721	18.814	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	384441	19.942	ng	97
88) Benzo(b)fluoranthene	15.104	252	355882	19.692	ng	99
89) Benzo(k)fluoranthene	15.133	252	386399	23.106	ng	98
90) Benzo(a)pyrene	15.474	252	326291	20.822	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	319216	20.589	ng	99
92) Benzo(g,h,i)perylene	17.480	276	309120	19.937	ng	98

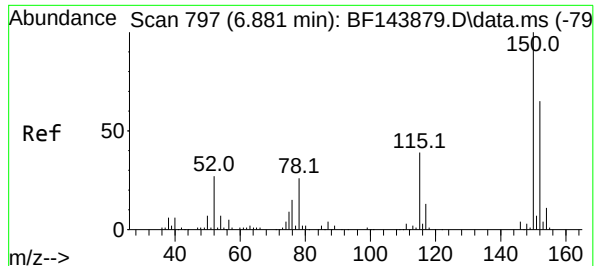
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

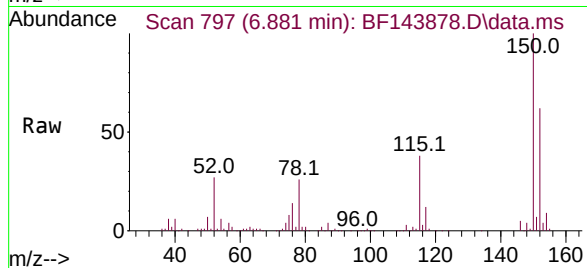
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

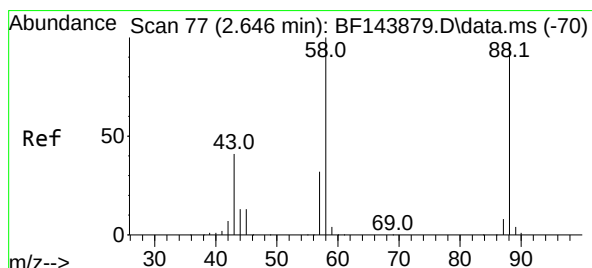
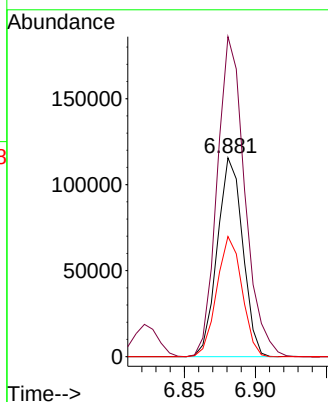
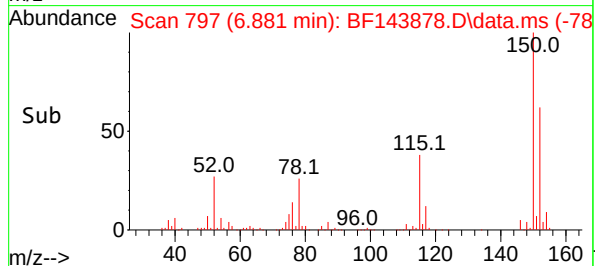
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 144072
Ion Ratio Lower Upper
152 100
150 160.9 124.4 186.6
115 60.4 48.1 72.1

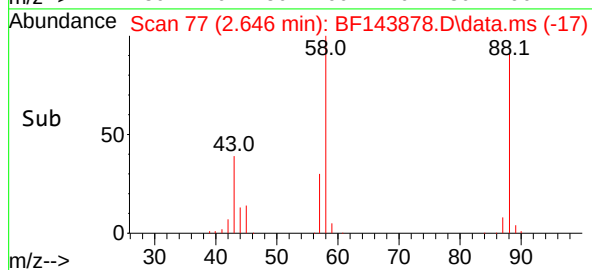
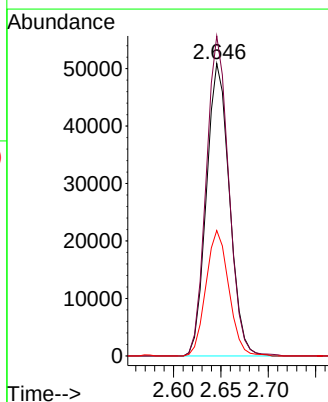
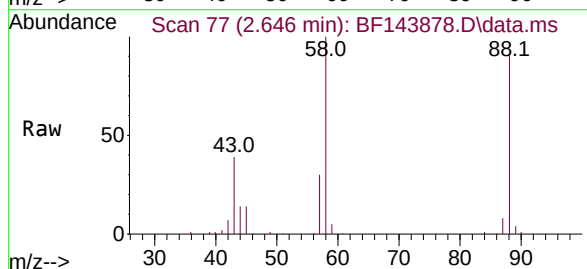
Manual Integrations
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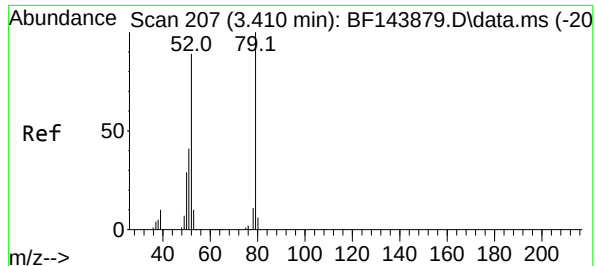
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#2
1,4-Dioxane
Concen: 20.503 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 88 Resp: 86079
Ion Ratio Lower Upper
88 100
58 107.3 83.0 124.6
43 42.6 33.9 50.9





#3

Pyridine

Concen: 20.618 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143878.D

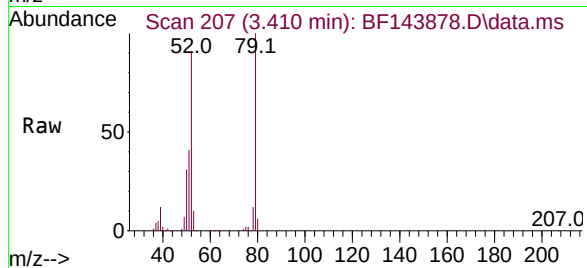
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 79 Resp: 251988

Ion Ratio Lower Upper

79 100

52 90.7 71.5 107.3

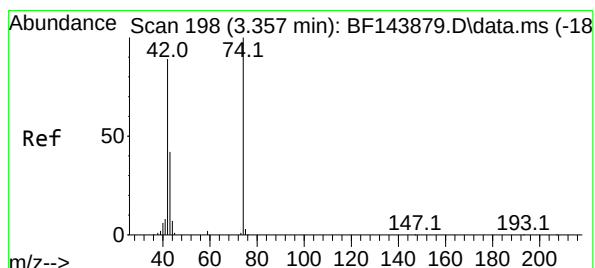
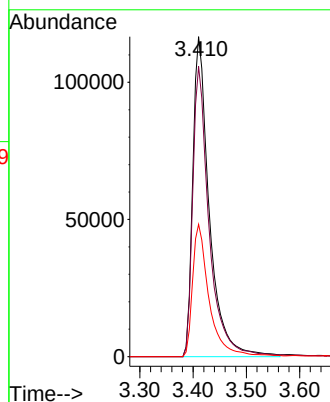
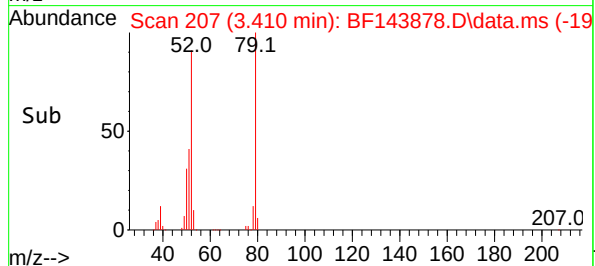
51 41.3 32.9 49.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

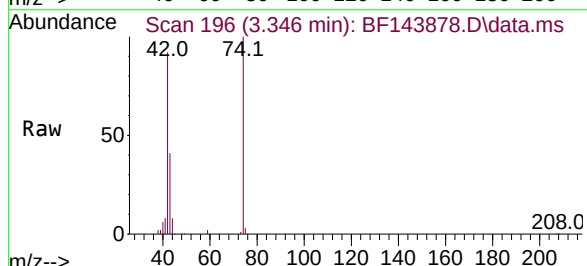
Concen: 20.051 ng

RT: 3.346 min Scan# 196

Delta R.T. -0.041 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



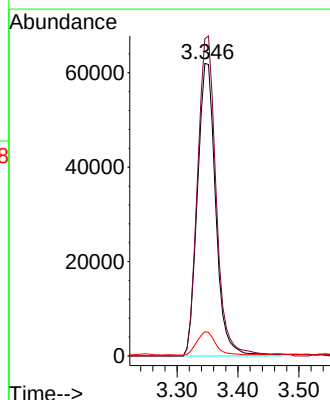
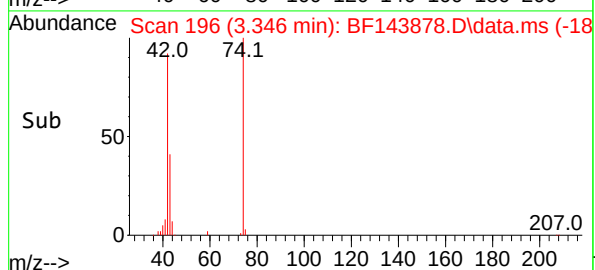
Tgt Ion: 42 Resp: 128915

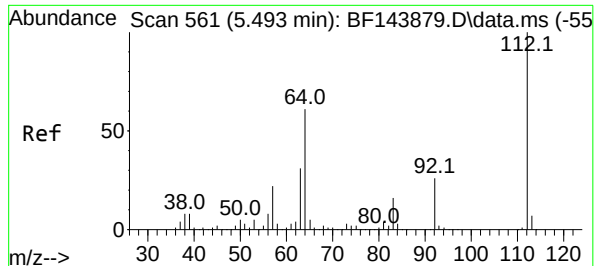
Ion Ratio Lower Upper

42 100

74 108.5 90.0 135.0

44 8.2 6.2 9.2





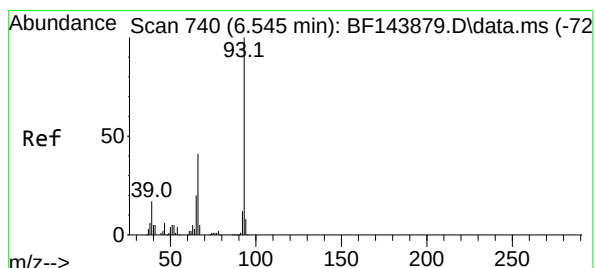
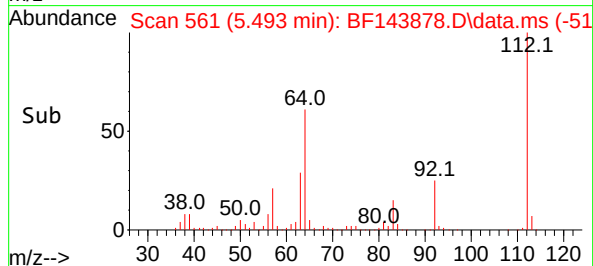
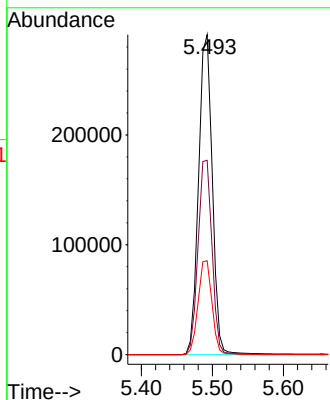
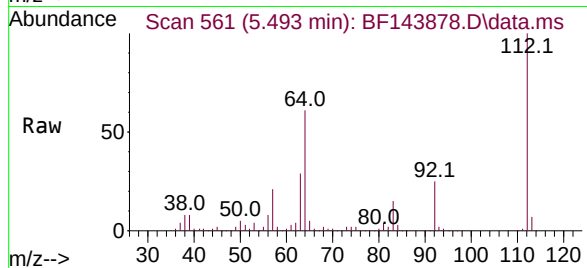
#5
2-Fluorophenol
Concen: 42.947 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 38964
Ion Ratio Lower Upper
112 100
64 60.7 49.1 73.7
63 29.3 24.5 36.7

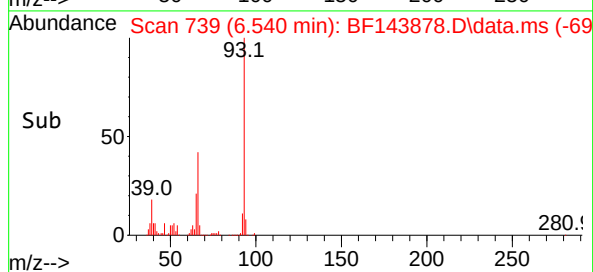
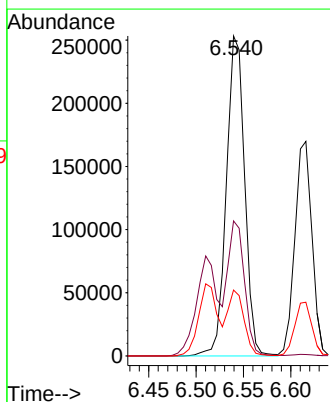
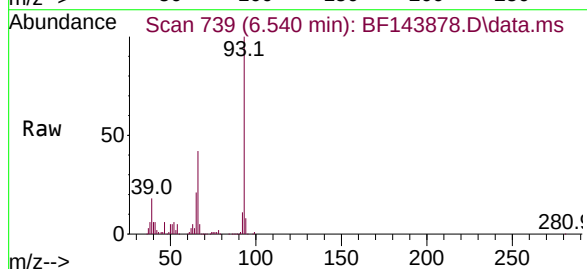
Manual Integrations
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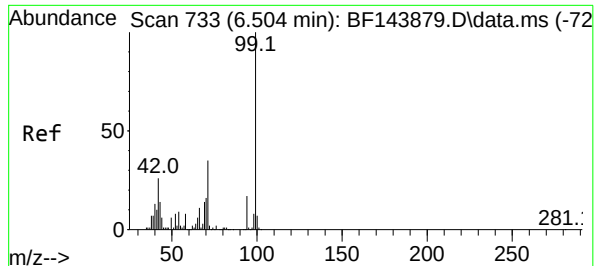
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#6
Aniline
Concen: 20.994 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 93 Resp: 340202
Ion Ratio Lower Upper
93 100
66 42.2 33.0 49.6
65 20.6 15.8 23.8





#7

Phenol-d6

Concen: 42.670 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 99 Resp: 46143

Ion Ratio Lower Upper

99 100

42 26.5 21.0 31.4

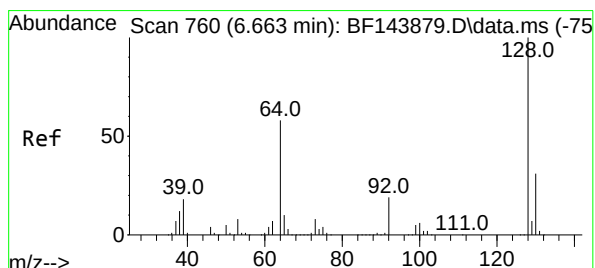
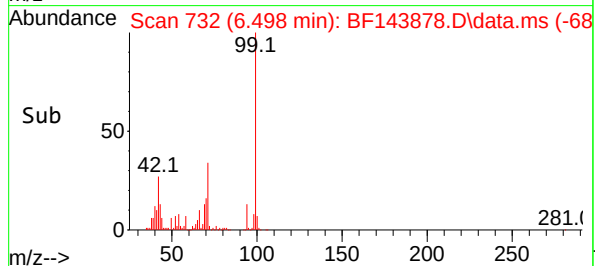
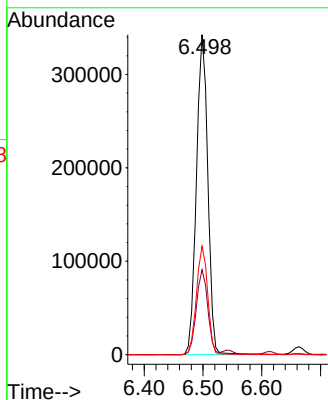
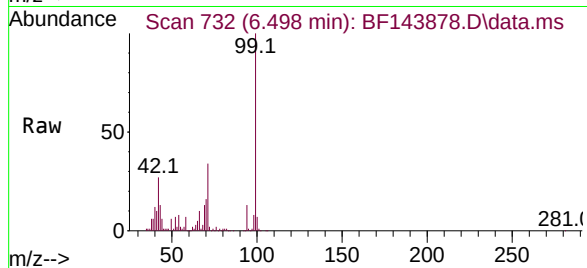
71 33.9 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#8

2-Chlorophenol

Concen: 20.704 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

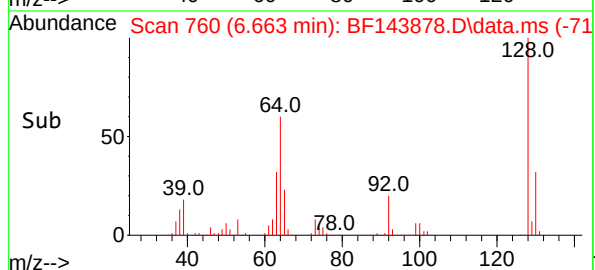
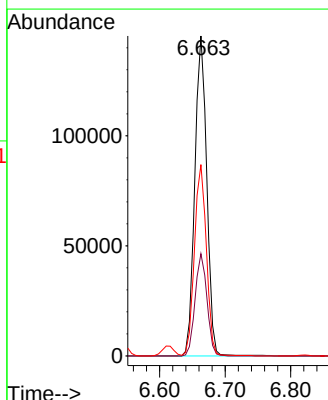
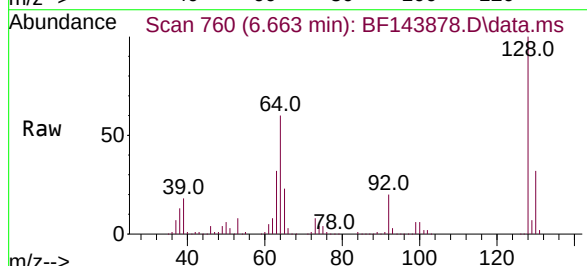
Tgt Ion:128 Resp: 183611

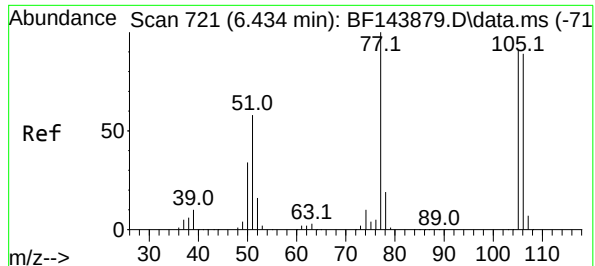
Ion Ratio Lower Upper

128 100

130 31.9 10.7 50.7

64 59.8 39.0 79.0





#9

Benzaldehyde

Concen: 17.715 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 14778

Ion Ratio Lower Upper

77 100

105 91.2 70.9 110.9

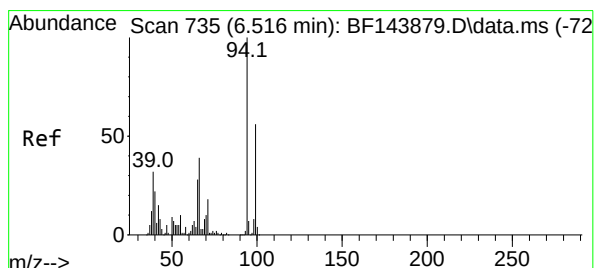
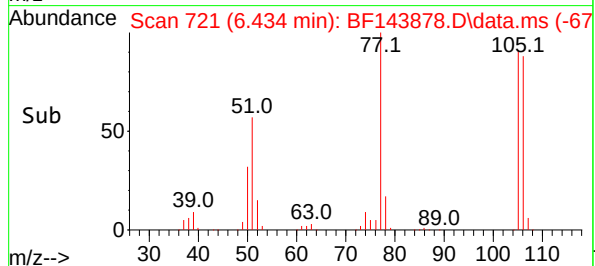
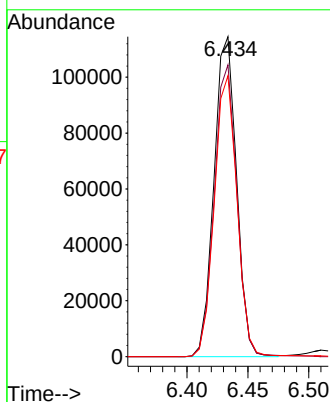
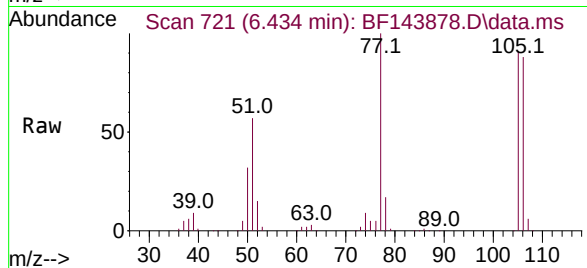
106 87.8 68.9 108.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 21.046 ng m

RT: 6.510 min Scan# 734

Delta R.T. -0.023 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

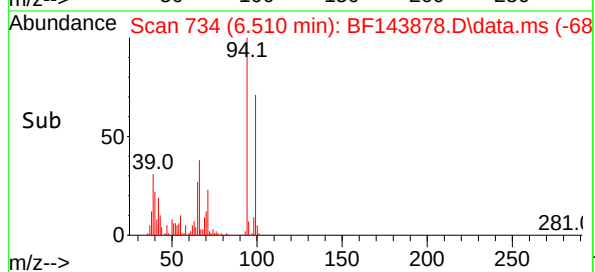
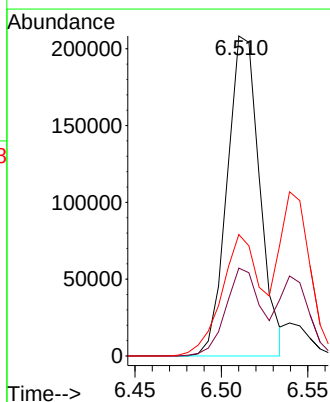
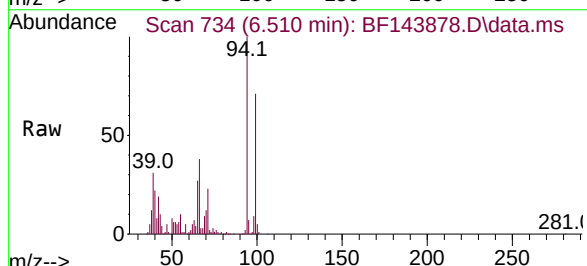
Tgt Ion: 94 Resp: 272100

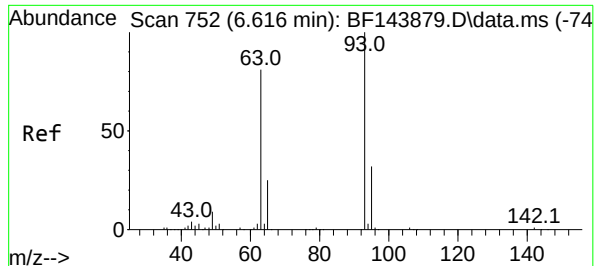
Ion Ratio Lower Upper

94 100

65 27.4 8.5 48.5

66 37.9 19.9 59.9





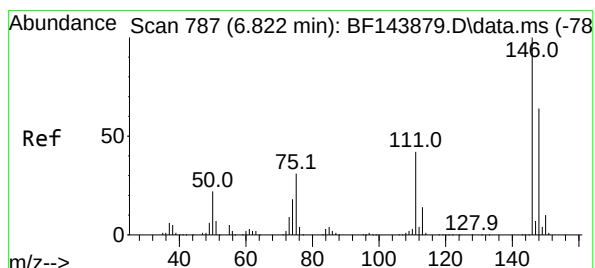
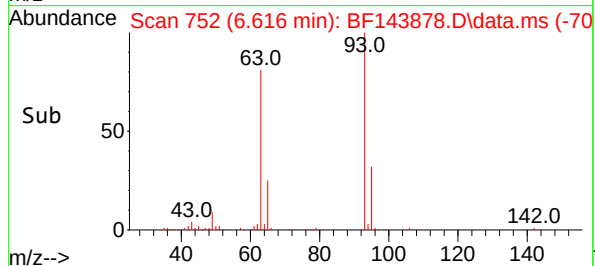
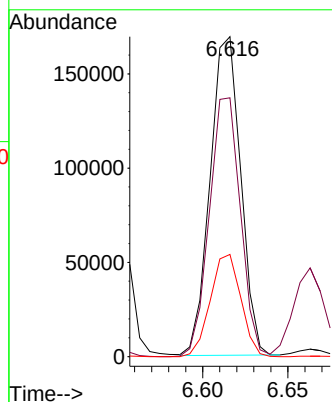
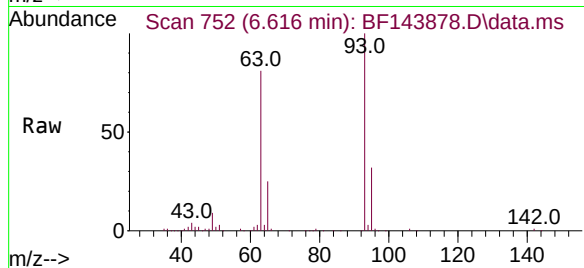
#11
bis(2-Chloroethyl)ether
Concen: 21.157 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 211296
Ion Ratio Lower Upper
93 100
63 80.9 60.9 100.9
95 31.9 11.5 51.5

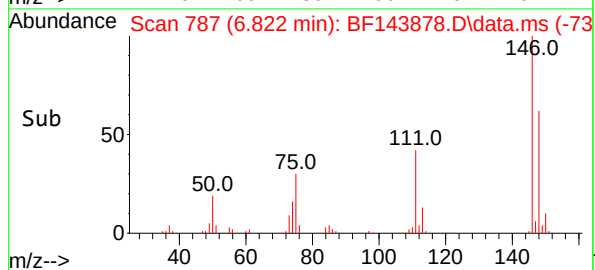
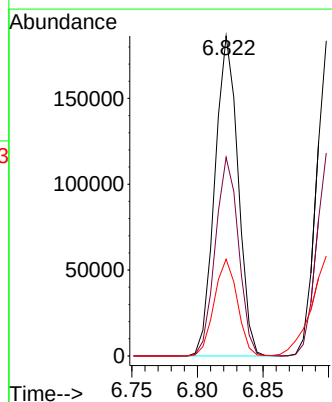
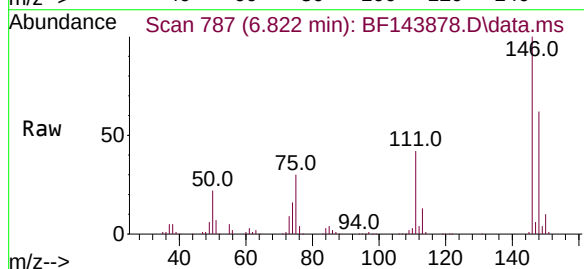
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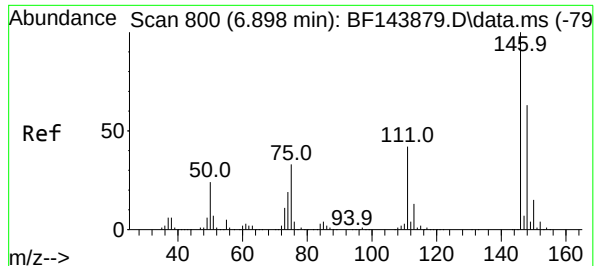
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#12
1,3-Dichlorobenzene
Concen: 21.566 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:146 Resp: 228938
Ion Ratio Lower Upper
146 100
148 62.0 51.0 76.4
75 30.2 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 21.554 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 225703

Ion Ratio Lower Upper

146 100

148 64.4 50.5 75.7

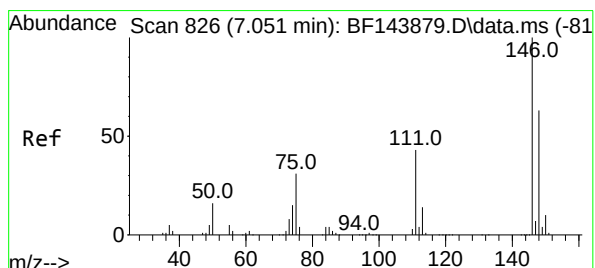
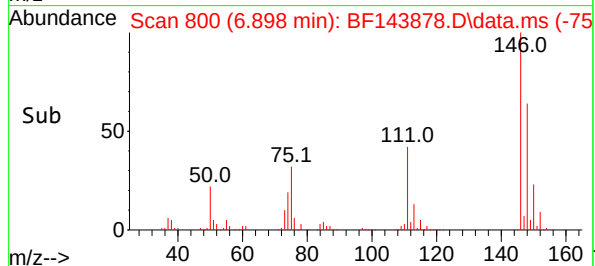
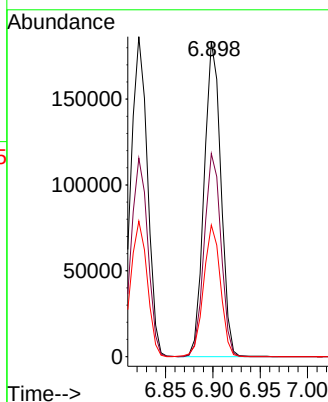
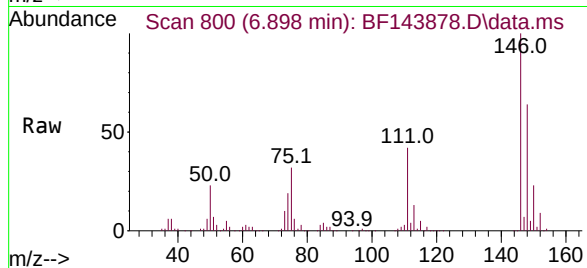
111 41.8 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 21.555 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

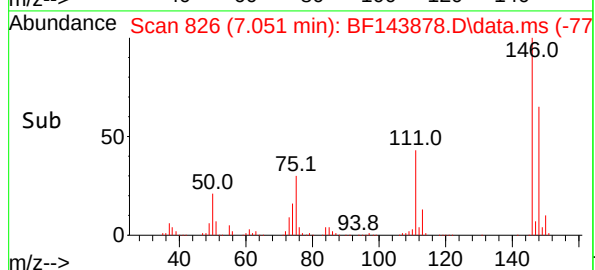
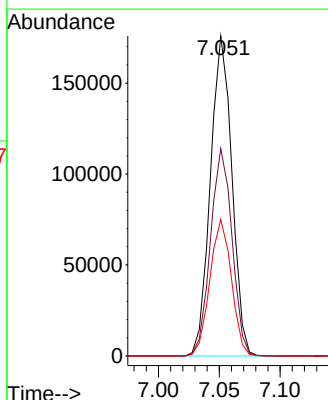
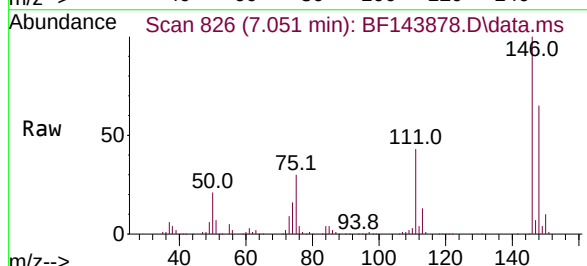
Tgt Ion:146 Resp: 216196

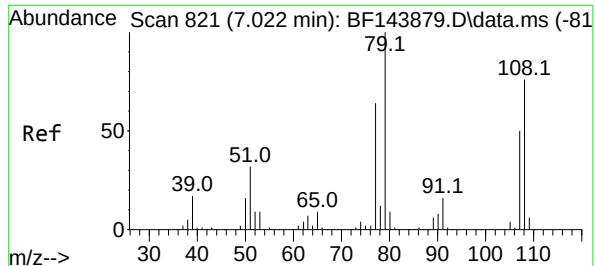
Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

111 42.6 34.6 51.8





#15

Benzyl Alcohol

Concen: 20.241 ng

RT: 7.016 min Scan# 821

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 164008

Ion Ratio Lower Upper

79 100

108 73.6 60.8 91.2

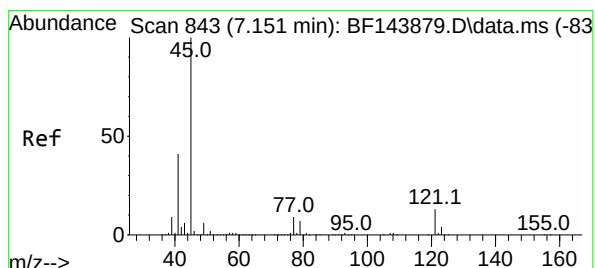
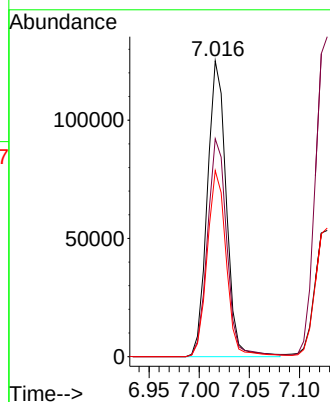
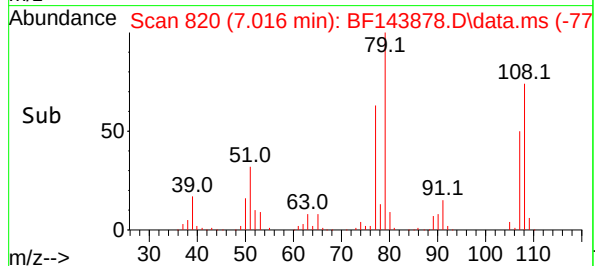
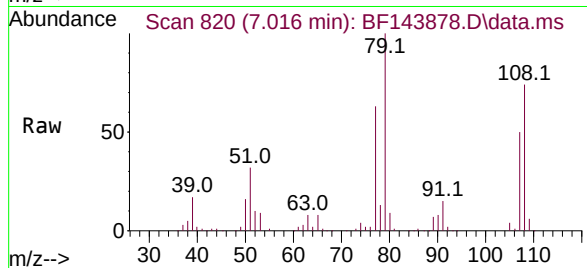
77 62.9 51.0 76.6

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.745 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

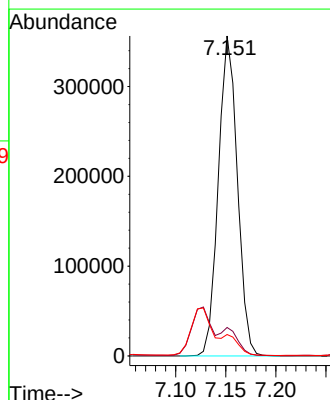
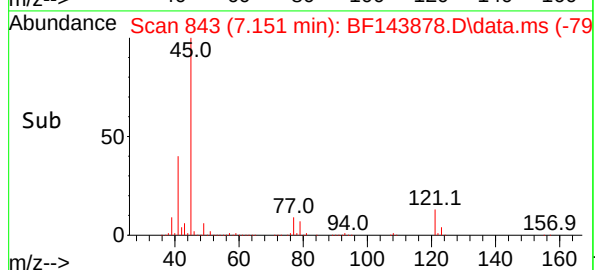
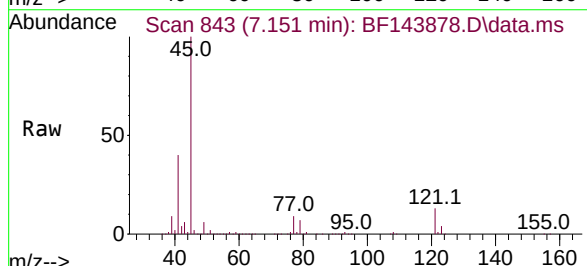
Tgt Ion: 45 Resp: 471598

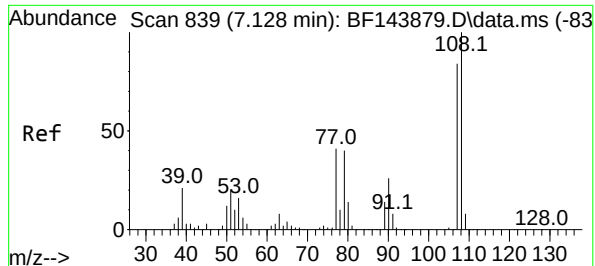
Ion Ratio Lower Upper

45 100

77 8.9 0.0 29.0

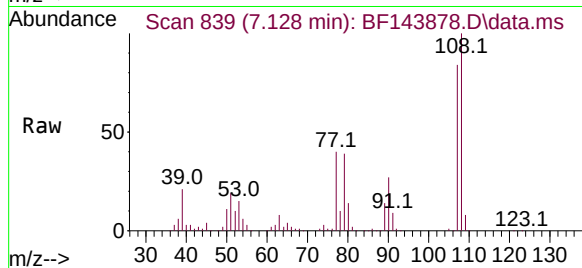
79 6.7 0.0 26.8





#17
2-Methylphenol
Concen: 20.616 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

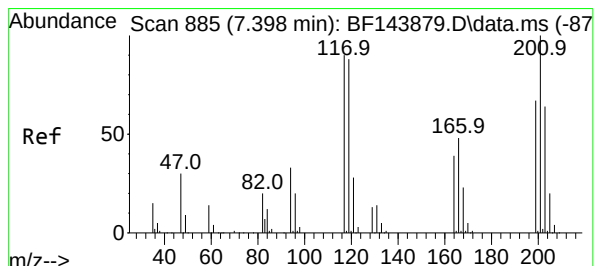
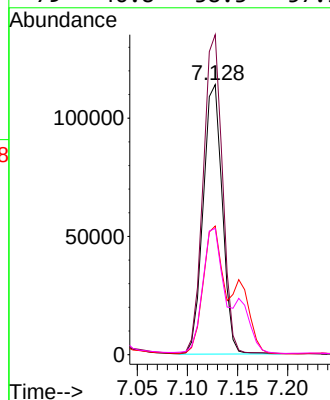
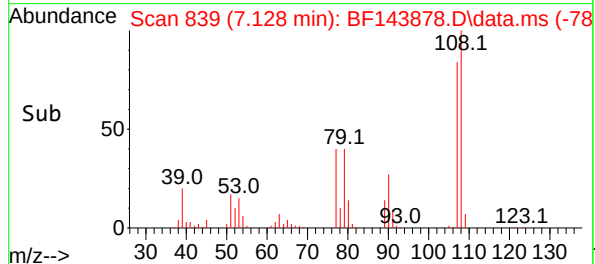
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 151099
Ion Ratio Lower Upper
107 100
108 118.5 94.7 142.1
77 47.6 38.8 58.2
79 46.8 38.3 57.5

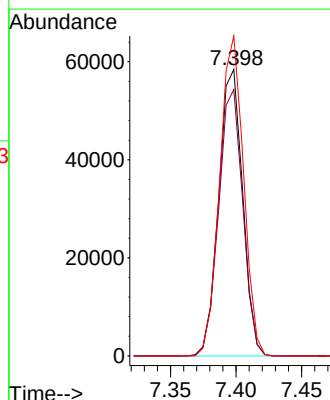
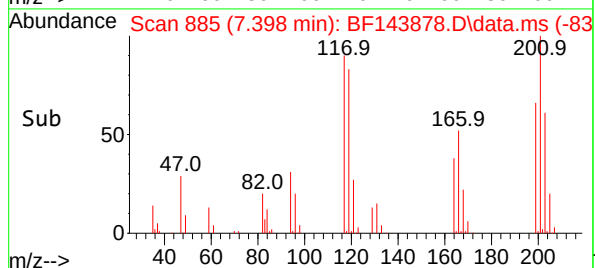
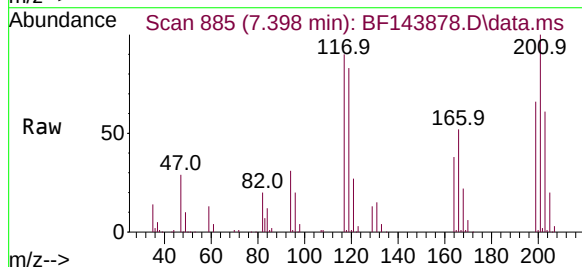
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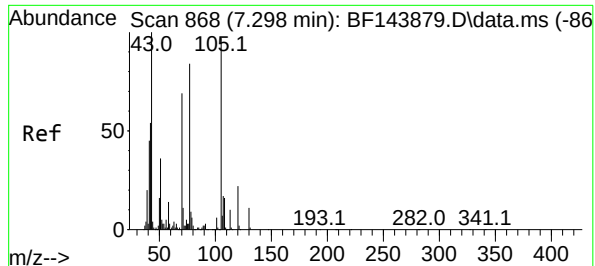
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#18
Hexachloroethane
Concen: 21.232 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:117 Resp: 74147
Ion Ratio Lower Upper
117 100
119 93.0 77.8 116.8
201 111.7 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 20.512 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.029 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 151838

Ion Ratio Lower Upper

70 100

42 79.7 62.8 94.2

101 8.5 6.7 10.1

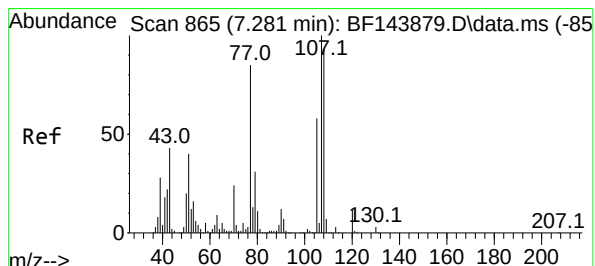
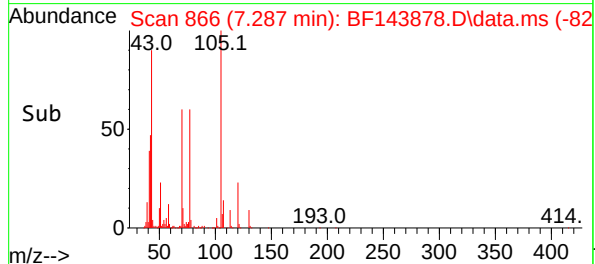
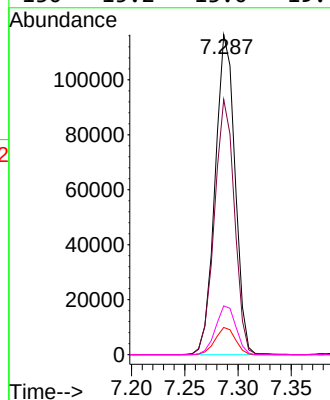
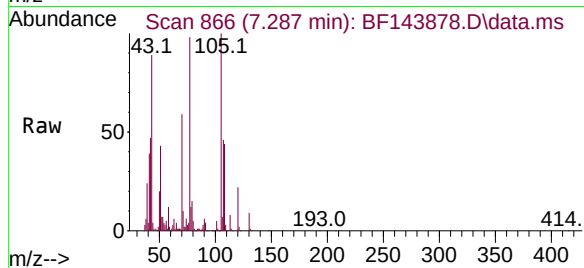
130 15.2 13.0 19.4

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 22.753 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion:107 Resp: 193273

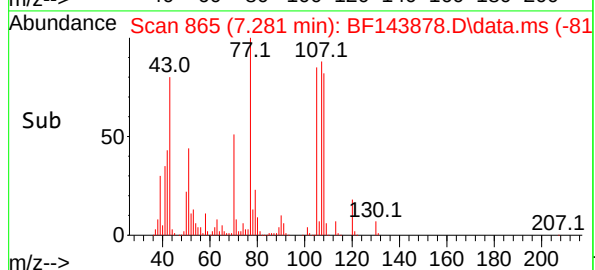
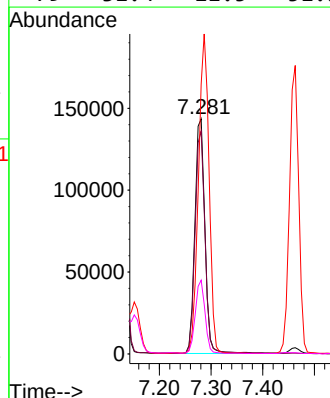
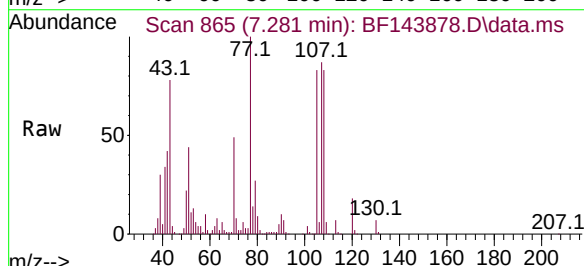
Ion Ratio Lower Upper

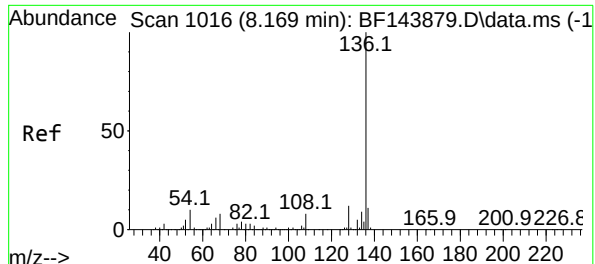
107 100

108 94.8 73.0 113.0

77 114.7 64.6 104.6#

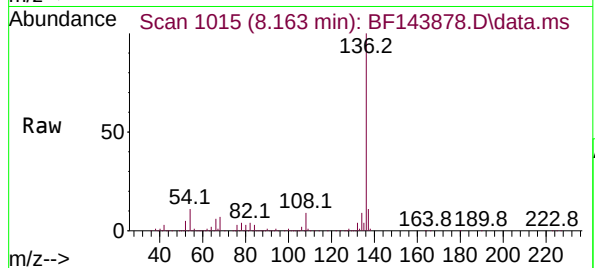
79 31.4 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

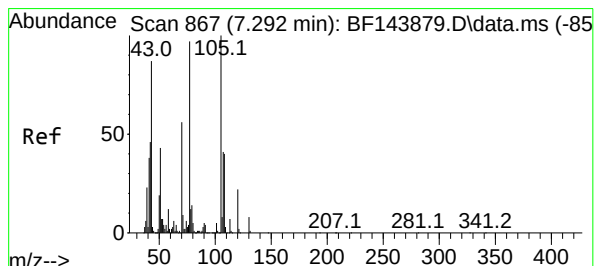
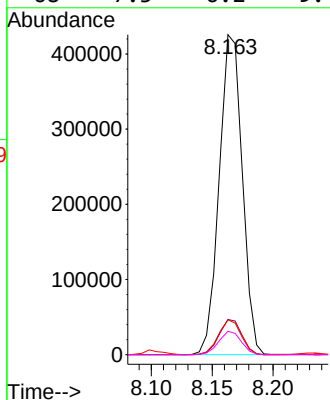
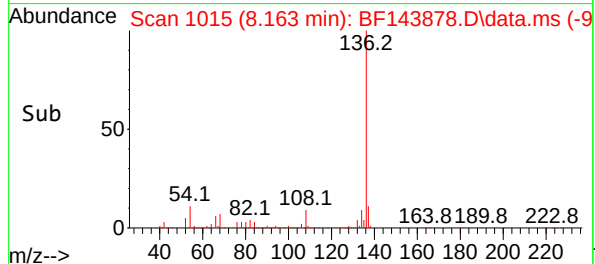
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 561772
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.9 8.2 12.4
68 7.3 6.2 9.4

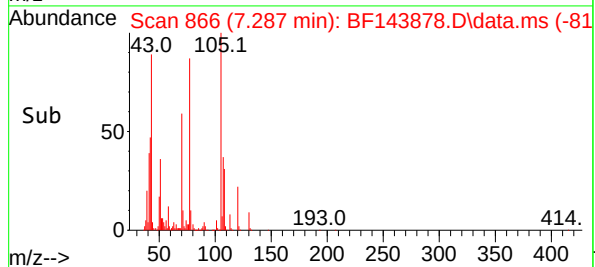
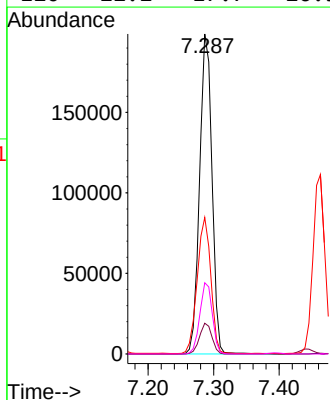
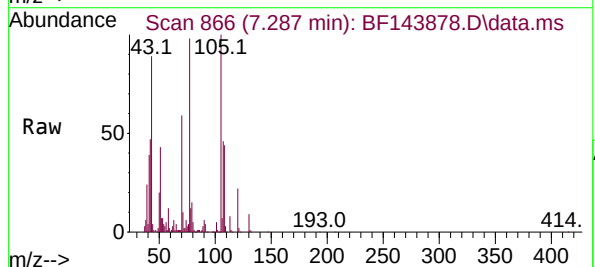
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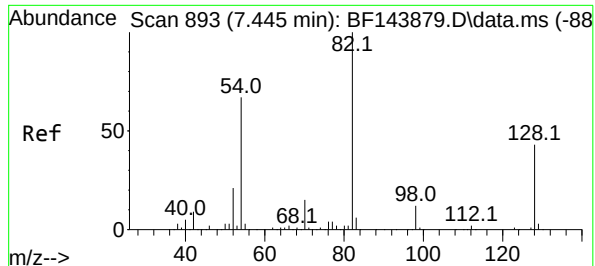
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#22
Acetophenone
Concen: 21.837 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:105 Resp: 259382
Ion Ratio Lower Upper
105 100
71 9.6 7.4 11.0
51 42.6 34.2 51.4
120 22.2 17.7 26.5





#23

Nitrobenzene-d5

Concen: 42.133 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 389584

Ion Ratio Lower Upper

82 100

128 41.2 34.0 51.0

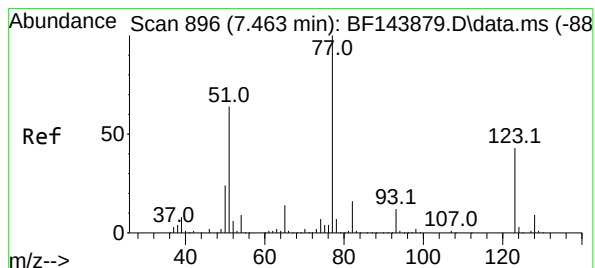
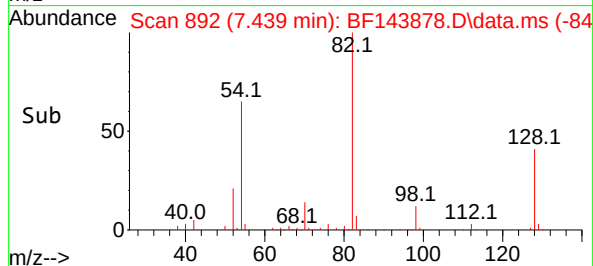
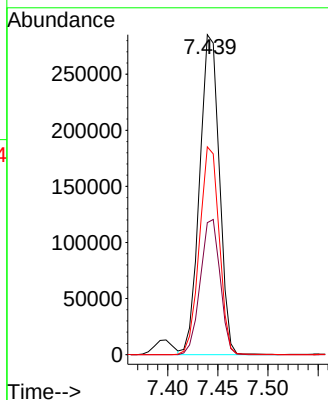
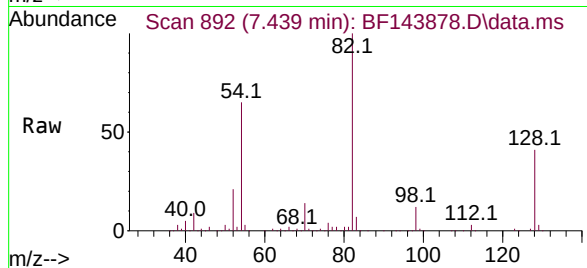
54 64.9 53.2 79.8

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 21.279 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

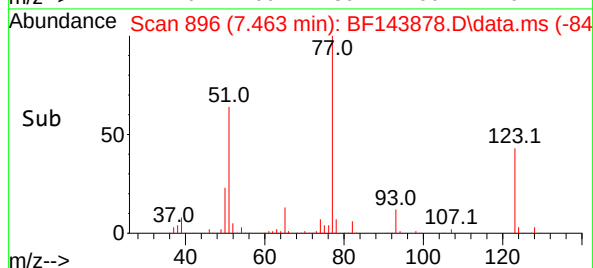
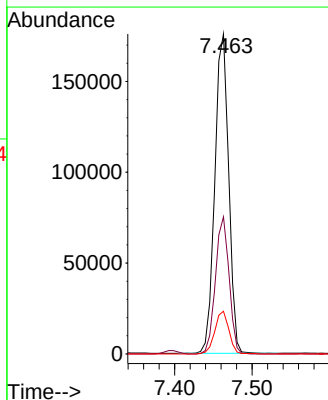
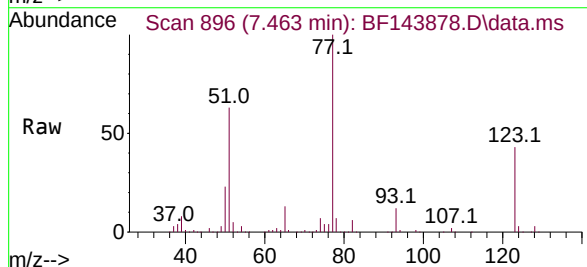
Tgt Ion: 77 Resp: 218497

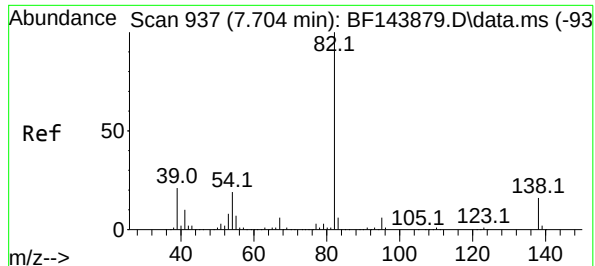
Ion Ratio Lower Upper

77 100

123 42.8 34.2 51.4

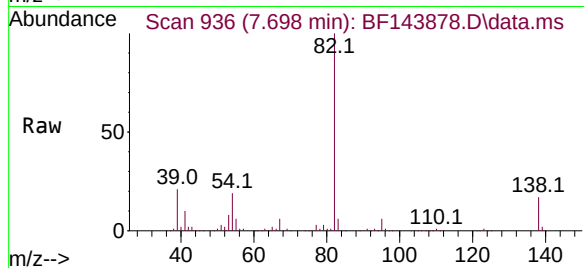
65 13.3 11.0 16.6





#25
Isophorone
Concen: 20.393 ng
RT: 7.698 min Scan# 937
Delta R.T. -0.023 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

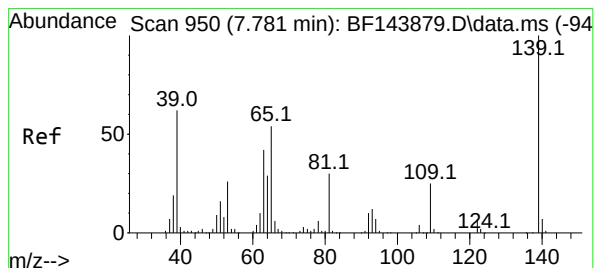
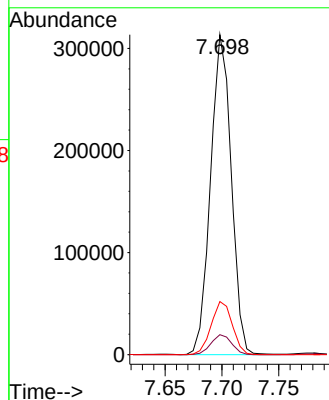
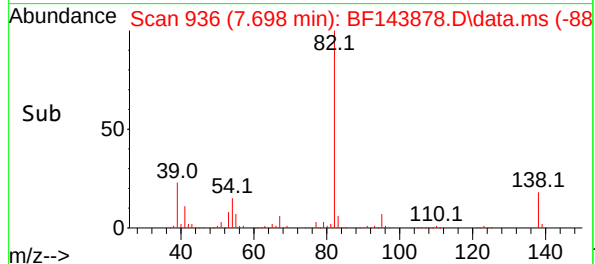
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



Tgt Ion: 82 Resp: 397600
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 16.6 12.9 19.3

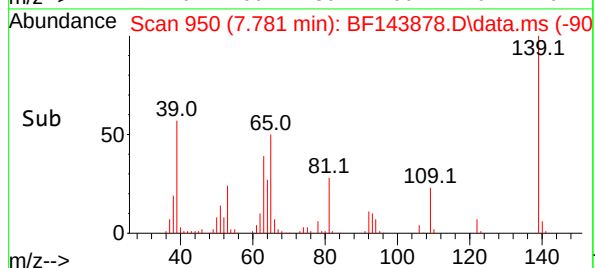
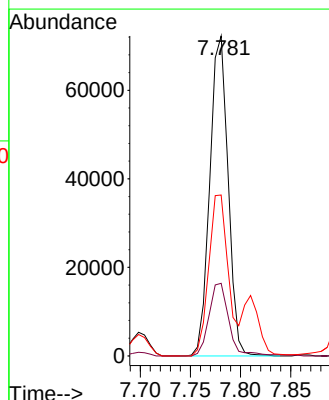
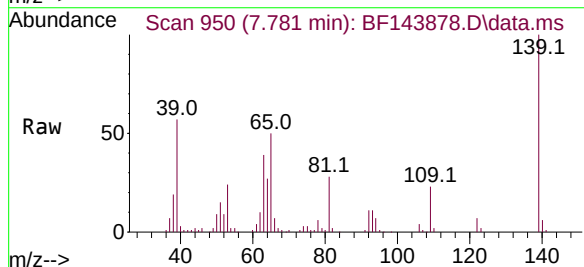
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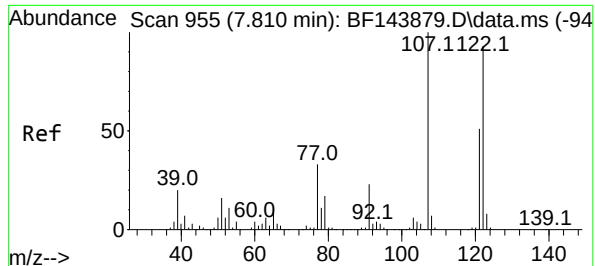
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#26
2-Nitrophenol
Concen: 20.747 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

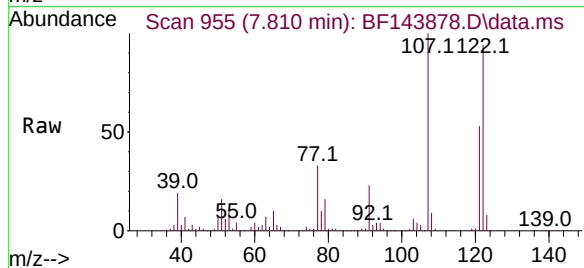
Tgt Ion:139 Resp: 91336
Ion Ratio Lower Upper
139 100
109 22.7 19.8 29.6
65 50.3 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 20.682 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

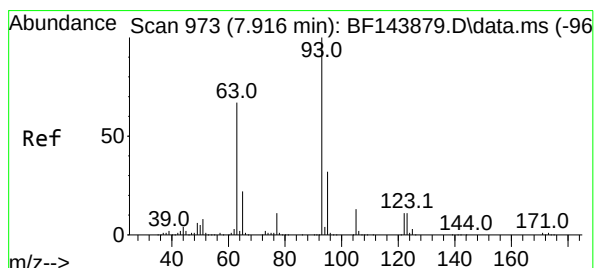
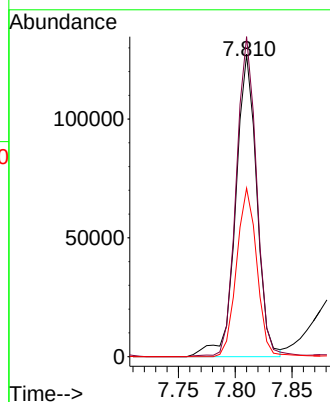
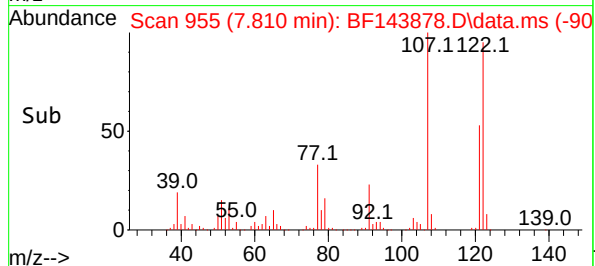
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:122 Resp: 163783
Ion Ratio Lower Upper
122 100
107 105.9 86.1 129.1
121 55.8 43.8 65.6

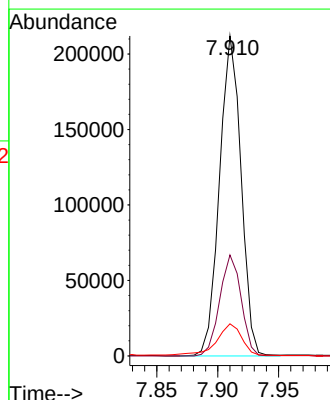
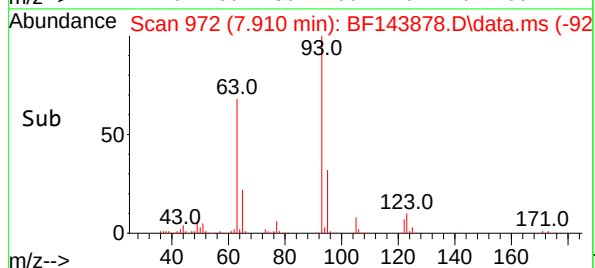
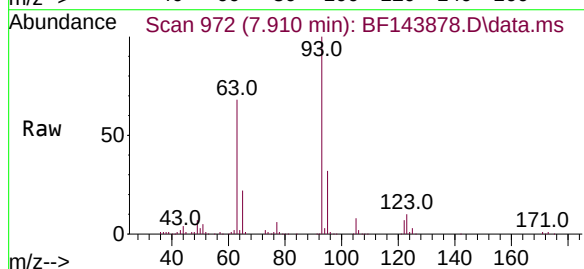
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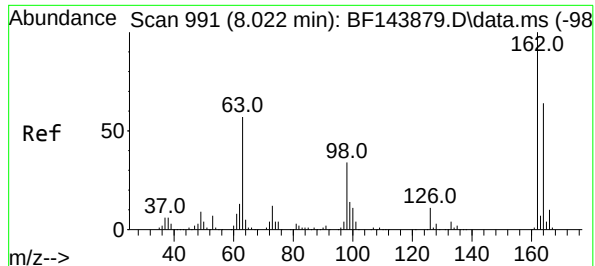
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 21.131 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 93 Resp: 260252
Ion Ratio Lower Upper
93 100
95 31.5 25.9 38.9
123 10.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 21.328 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 175934

Ion Ratio Lower Upper

162 100

164 63.3 43.9 83.9

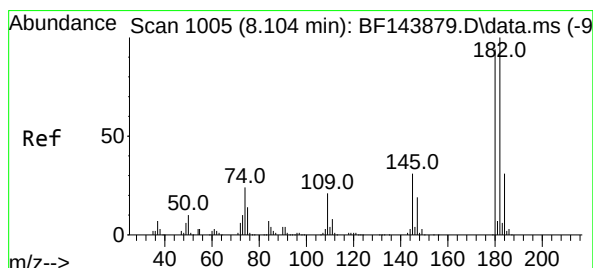
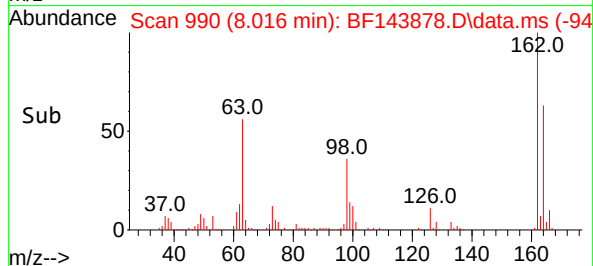
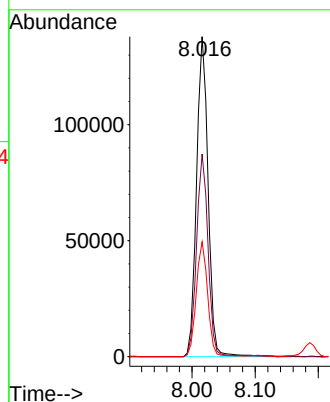
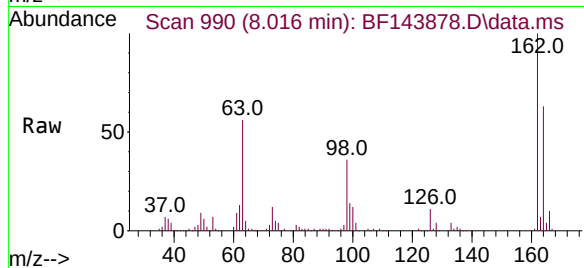
98 35.9 14.4 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 21.234 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

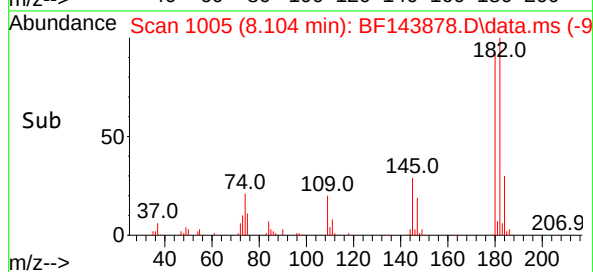
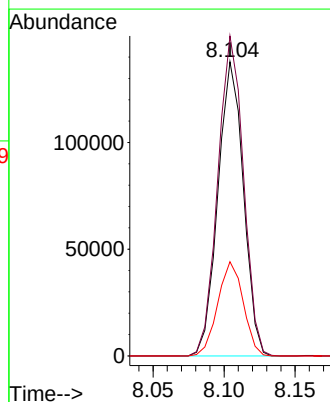
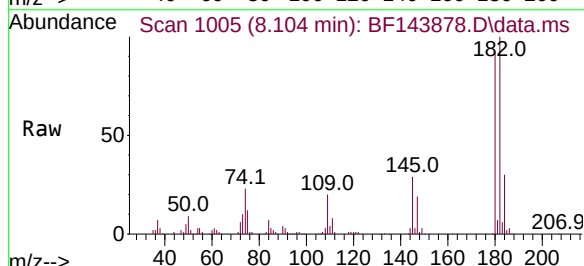
Tgt Ion:180 Resp: 172265

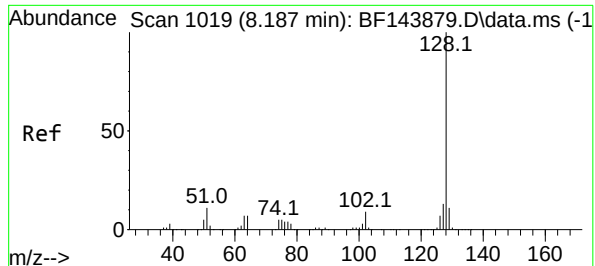
Ion Ratio Lower Upper

180 100

182 108.8 85.4 128.0

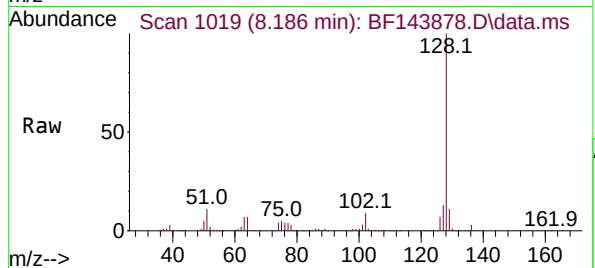
145 32.0 26.3 39.5





#31
Naphthalene
Concen: 21.365 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

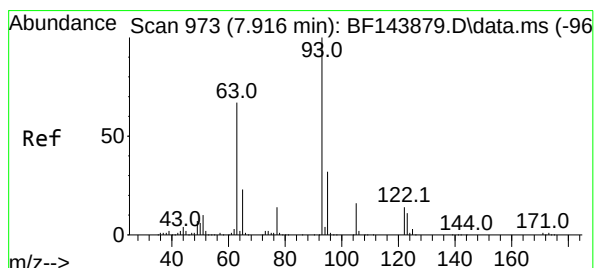
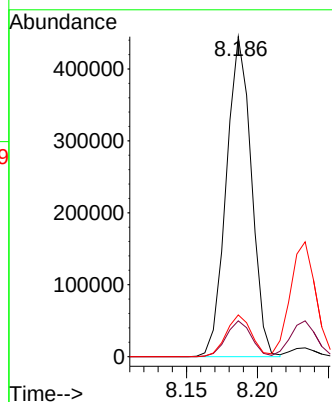
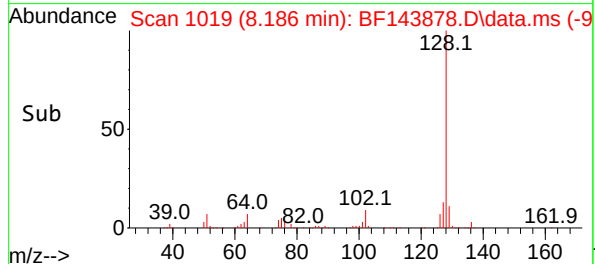
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 545972
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.0 15.0

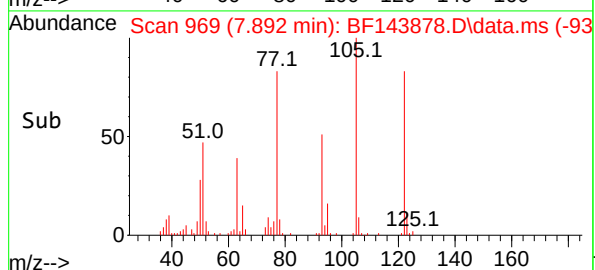
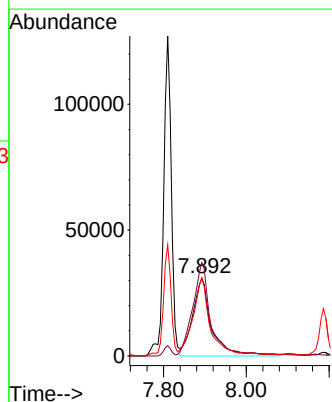
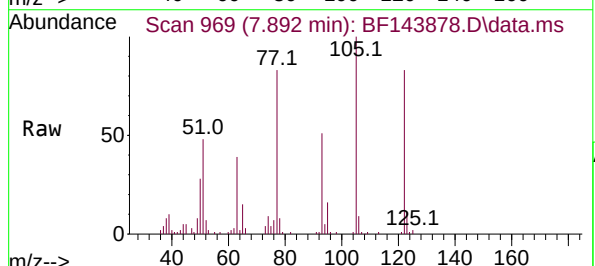
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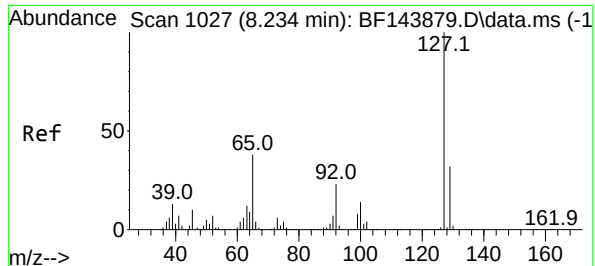
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#32
Benzoic acid
Concen: 17.912 ng m
RT: 7.892 min Scan# 969
Delta R.T. -0.071 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:122 Resp: 98172
Ion Ratio Lower Upper
122 100
105 120.1 93.5 133.5
77 100.0 76.3 116.3





#33

4-Chloroaniline

Concen: 20.924 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 200545

Ion Ratio Lower Upper

127 100

129 31.1 25.8 38.8

65 36.3 30.0 45.0

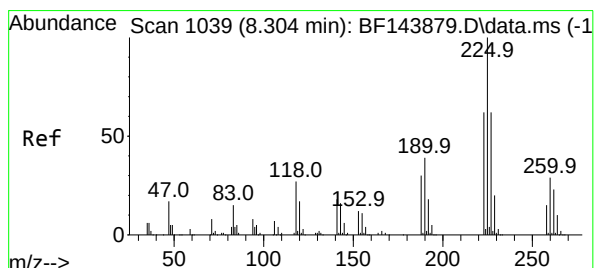
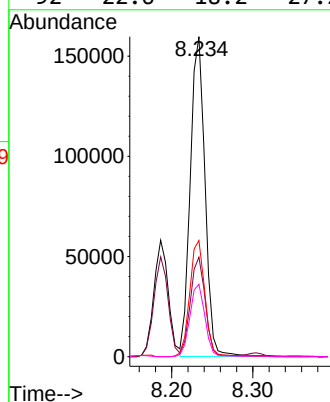
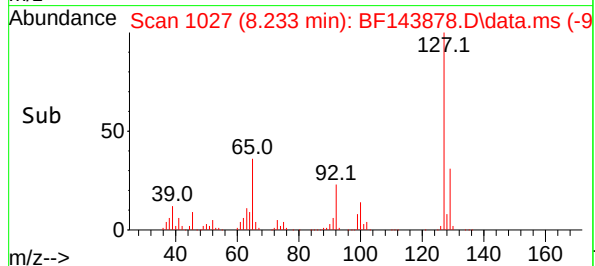
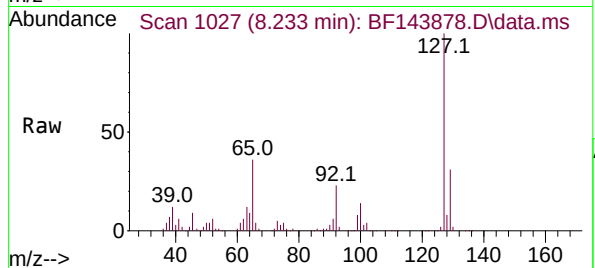
92 22.6 18.2 27.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#34

Hexachlorobutadiene

Concen: 20.941 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

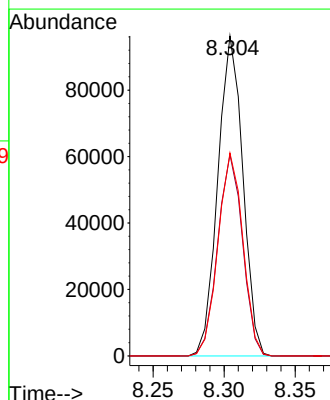
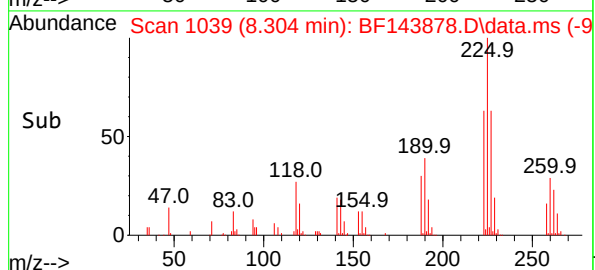
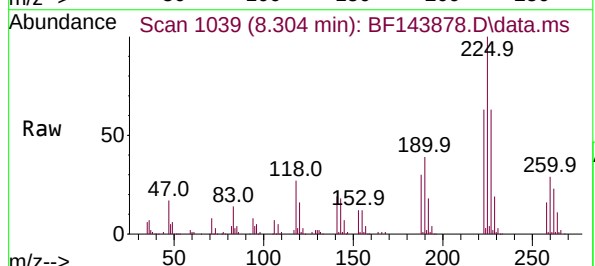
Tgt Ion:225 Resp: 118056

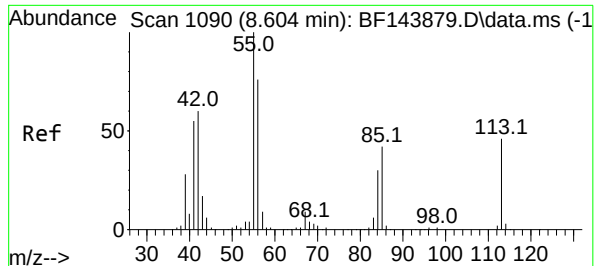
Ion Ratio Lower Upper

225 100

223 62.9 49.4 74.2

227 63.4 49.7 74.5





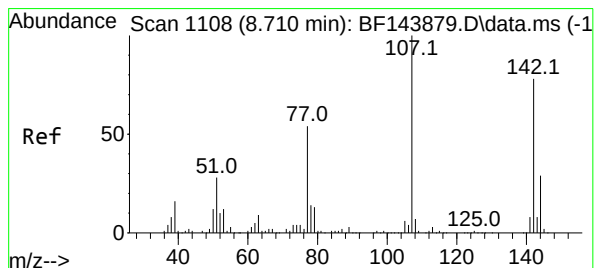
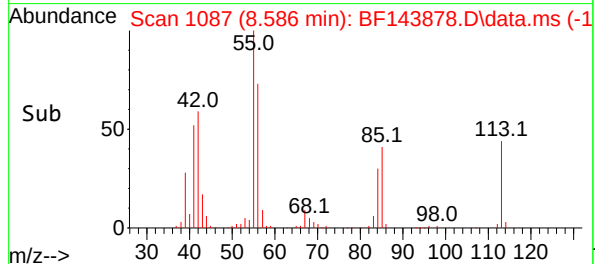
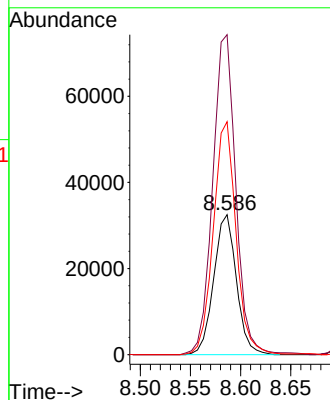
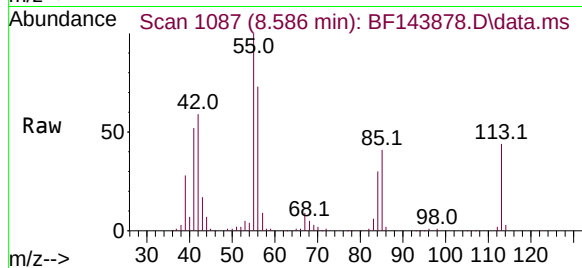
#35
 Caprolactam
 Concen: 19.505 ng
 RT: 8.586 min Scan# 1090
 Delta R.T. -0.059 min
 Lab File: BF143878.D
 Acq: 06 Oct 2025 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tgt Ion:113 Resp: 51159
 Ion Ratio Lower Upper
 113 100
 55 228.6 199.6 239.6
 56 166.4 146.0 186.0

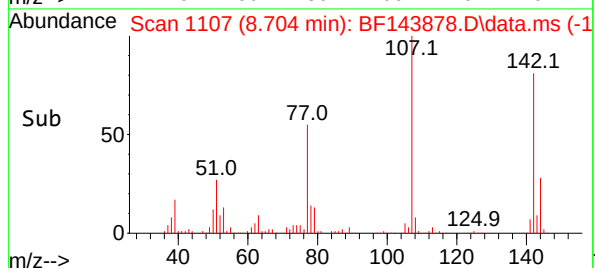
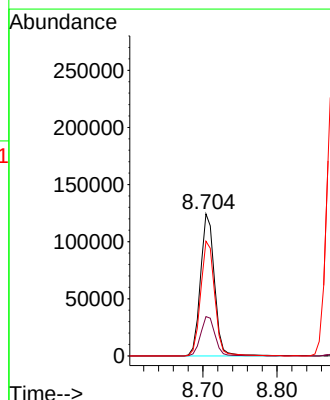
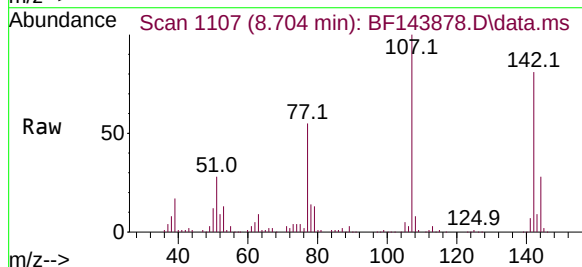
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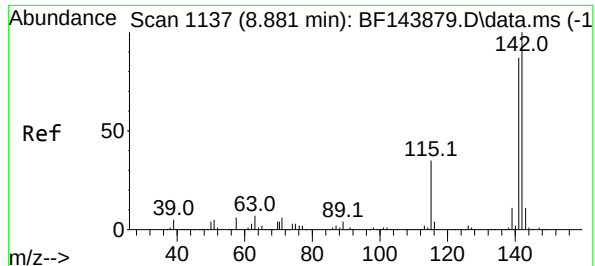
Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025



#36
 4-Chloro-3-methylphenol
 Concen: 20.524 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.018 min
 Lab File: BF143878.D
 Acq: 06 Oct 2025 11:56

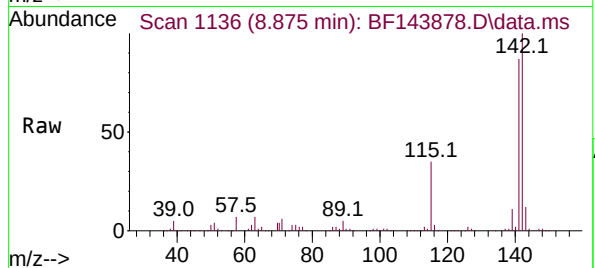
Tgt Ion:107 Resp: 162629
 Ion Ratio Lower Upper
 107 100
 144 27.7 23.1 34.7
 142 80.8 62.6 94.0





#37
2-Methylnaphthalene
Concen: 21.583 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

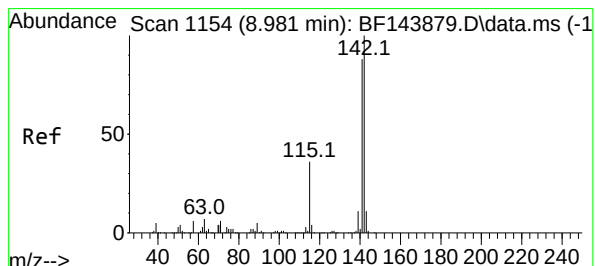
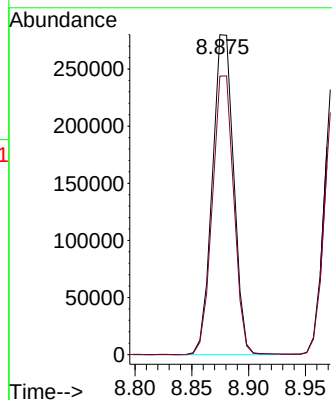
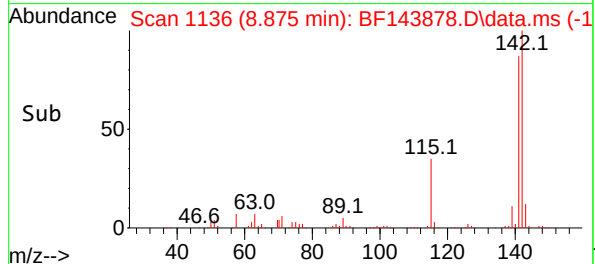
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 367401
Ion Ratio Lower Upper
142 100
141 87.0 69.2 103.8

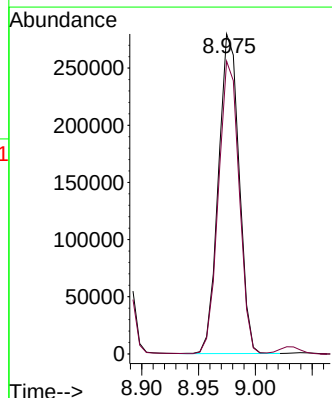
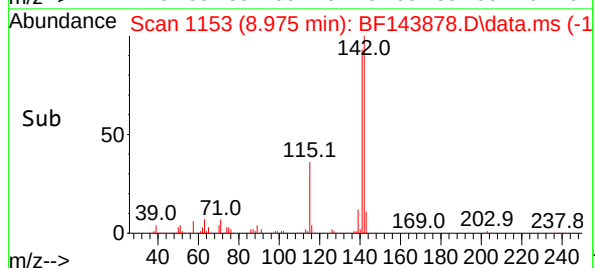
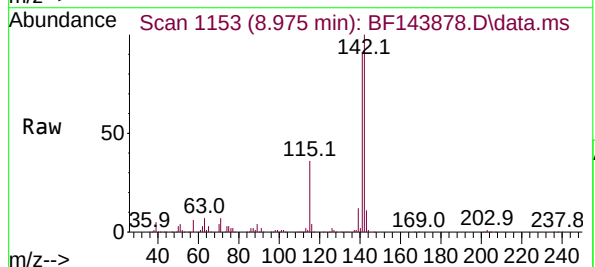
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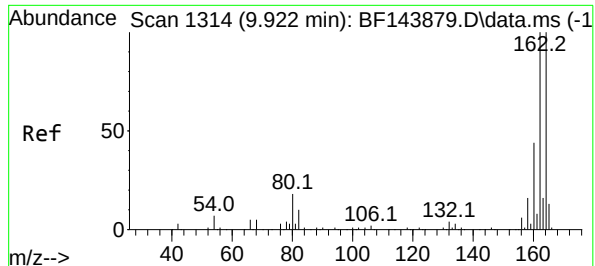
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#38
1-Methylnaphthalene
Concen: 21.407 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:142 Resp: 353459
Ion Ratio Lower Upper
142 100
141 91.5 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143878.D

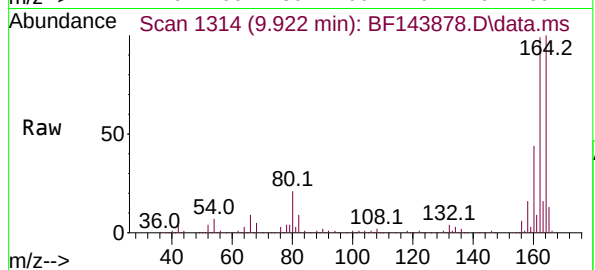
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 311297

Ion Ratio Lower Upper

164 100

162 98.6 80.2 120.2

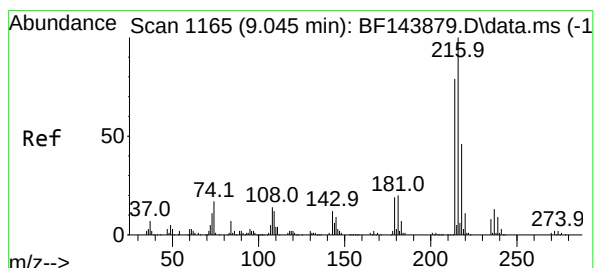
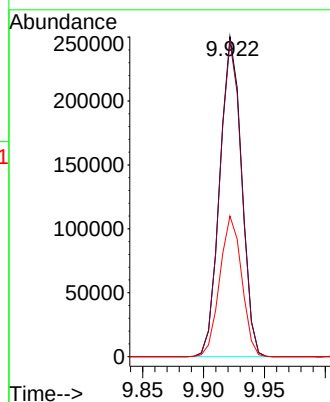
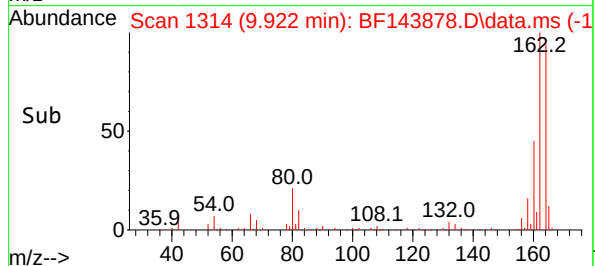
160 43.9 35.4 53.0

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

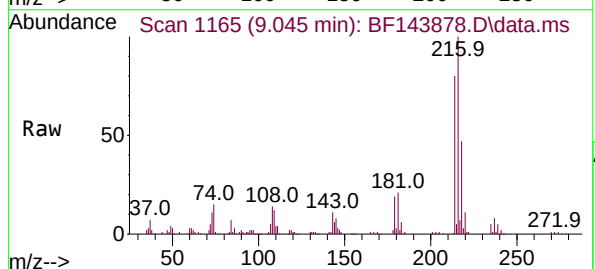
Concen: 21.523 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



Tgt Ion:216 Resp: 185181

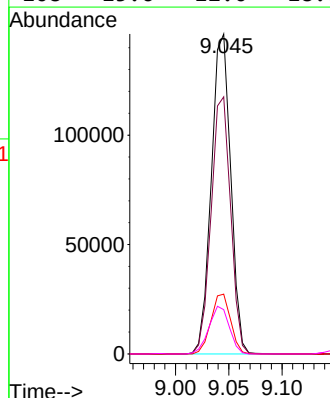
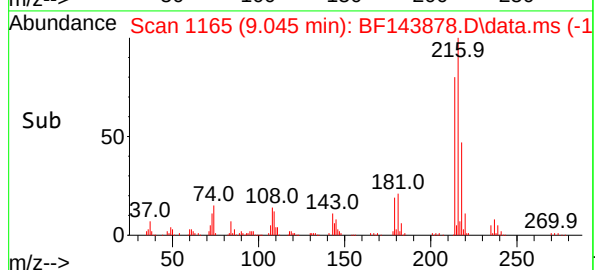
Ion Ratio Lower Upper

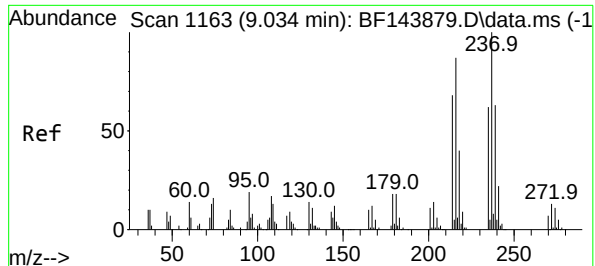
216 100

214 80.8 62.6 94.0

179 18.9 15.4 23.0

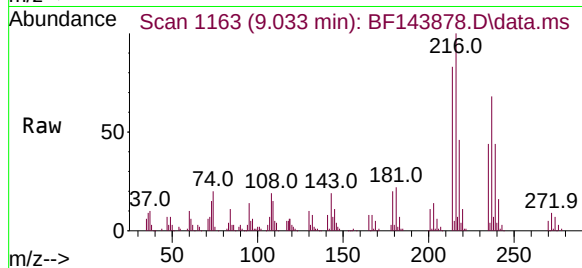
108 15.6 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 18.807 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

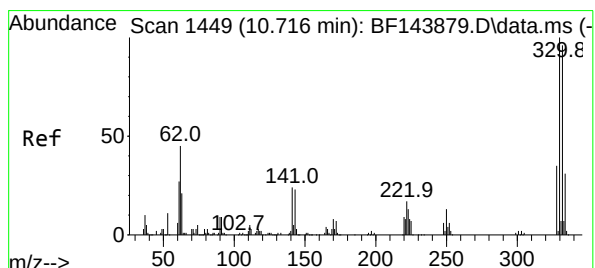
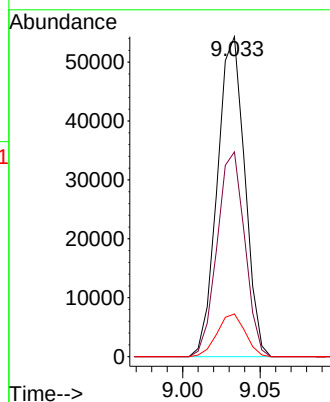
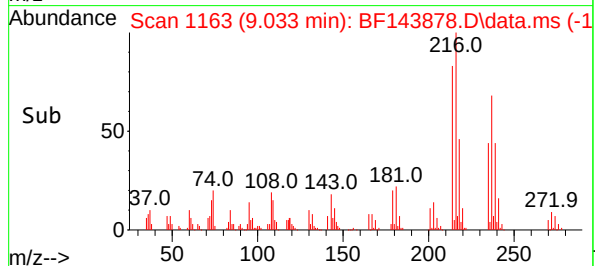
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



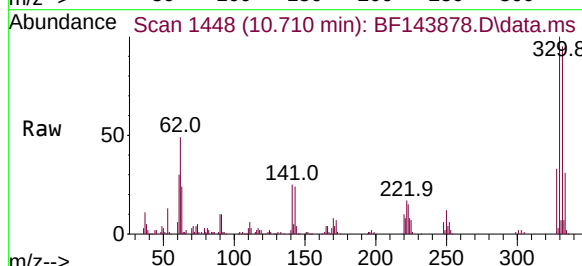
Tgt Ion: 237 Resp: 67128
Ion Ratio Lower Upper
237 100
235 64.0 42.3 82.3
272 13.4 0.0 33.1

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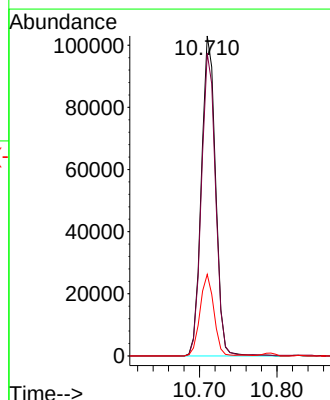
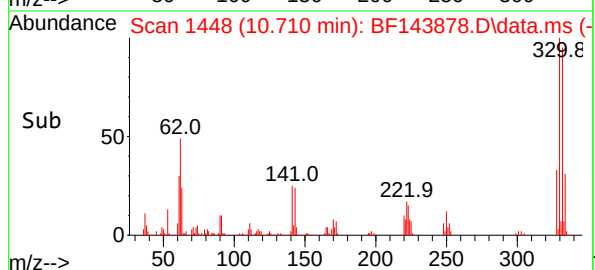
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

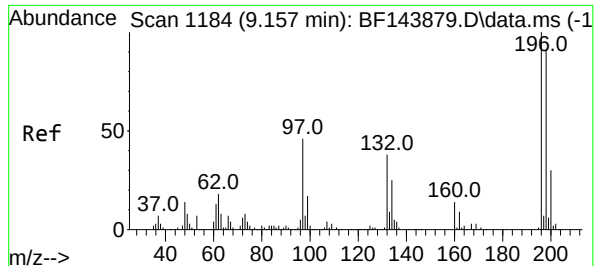


#42
2,4,6-Tribromophenol
Concen: 42.114 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



Tgt Ion: 330 Resp: 130577
Ion Ratio Lower Upper
330 100
332 94.8 76.9 115.3
141 24.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 21.116 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143878.D

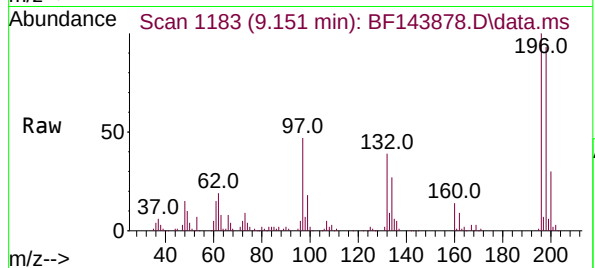
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 13274

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

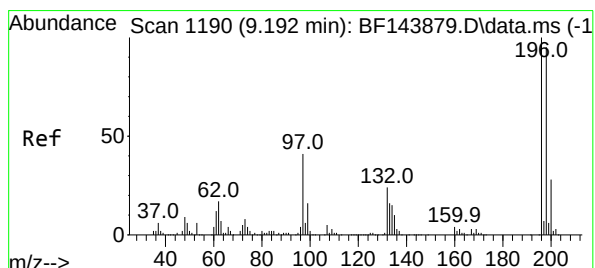
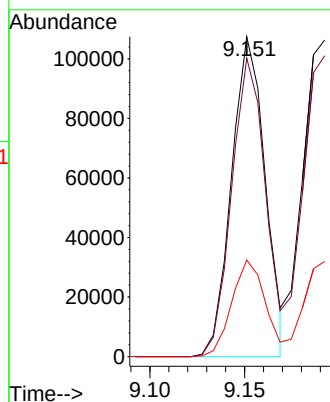
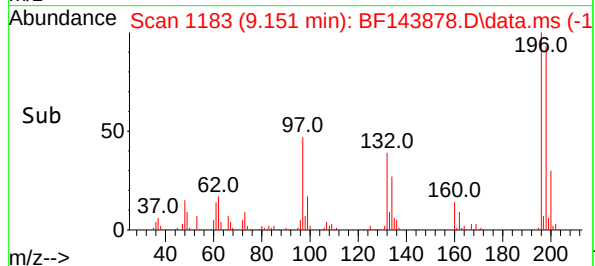
200 30.2 24.0 36.0

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

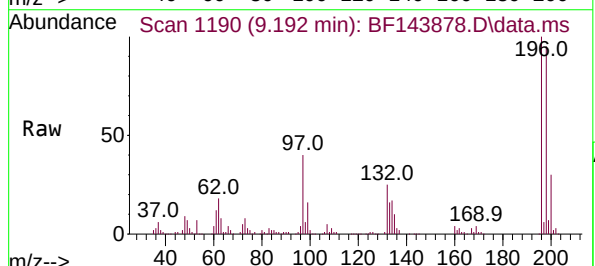
Concen: 21.532 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



Tgt Ion:196 Resp: 143043

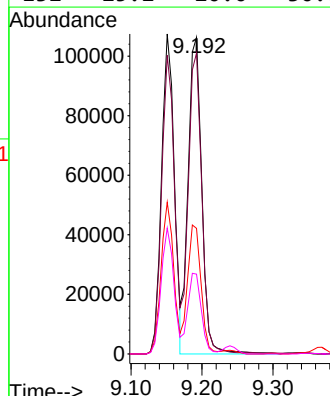
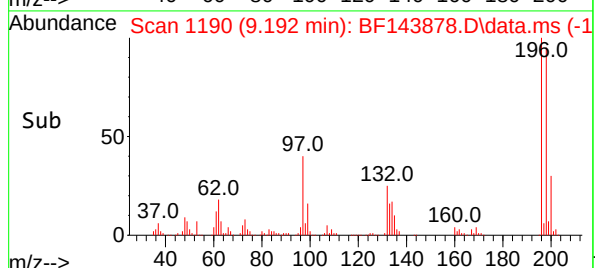
Ion Ratio Lower Upper

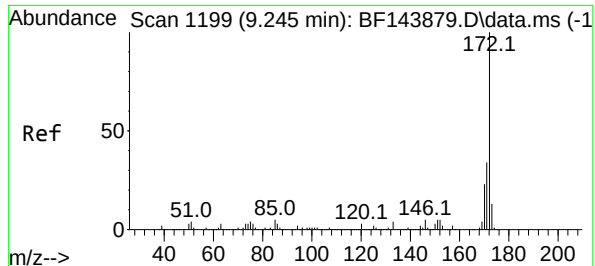
196 100

198 95.0 75.5 113.3

97 39.6 33.9 50.9

132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 42.367 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 831185

Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.0

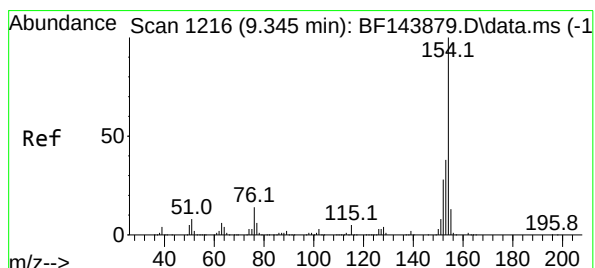
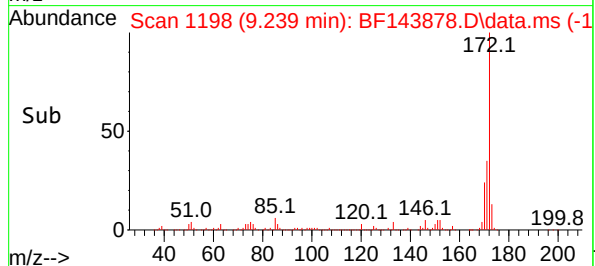
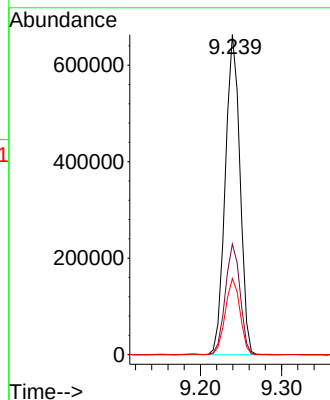
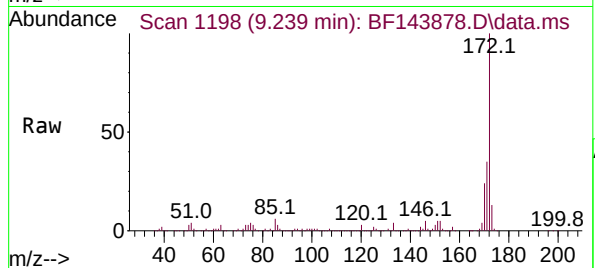
170 23.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#46

1,1'-Biphenyl

Concen: 21.868 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

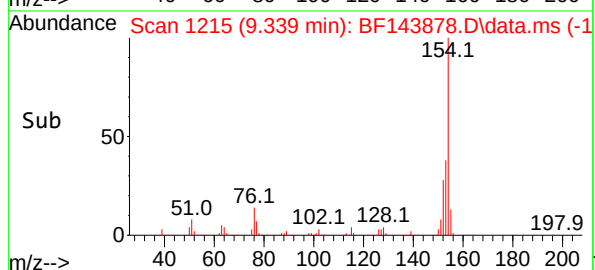
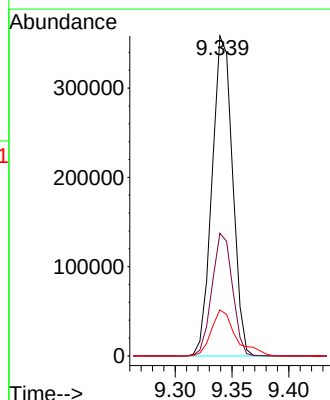
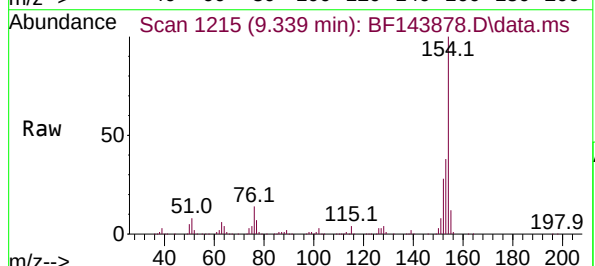
Tgt Ion:154 Resp: 450706

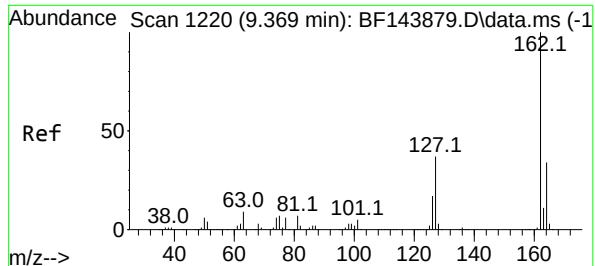
Ion Ratio Lower Upper

154 100

153 38.3 18.4 58.4

76 14.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 21.679 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143878.D

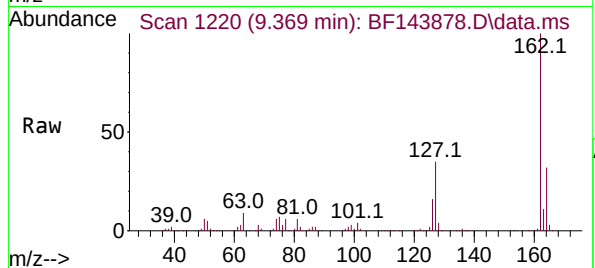
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 372531

Ion Ratio Lower Upper

162 100

127 35.2 30.2 45.2

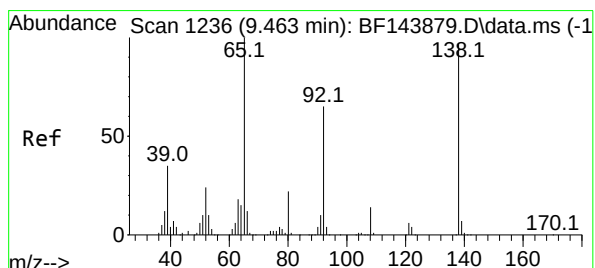
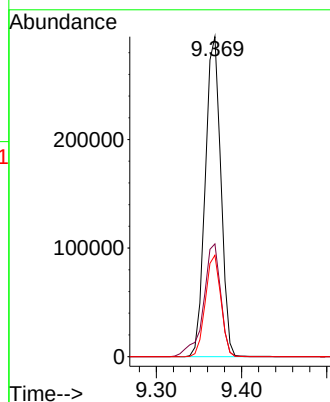
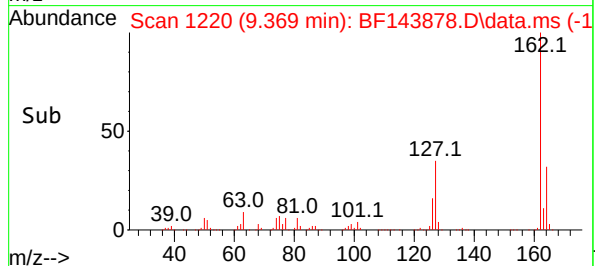
164 31.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

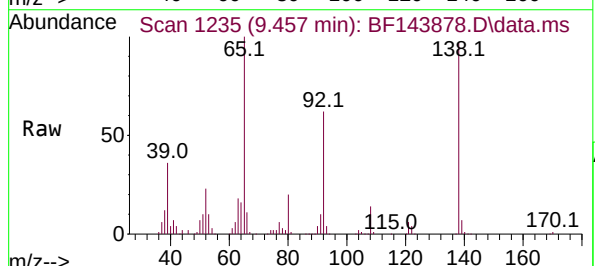
Concen: 21.263 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



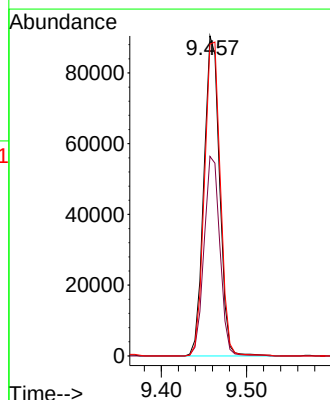
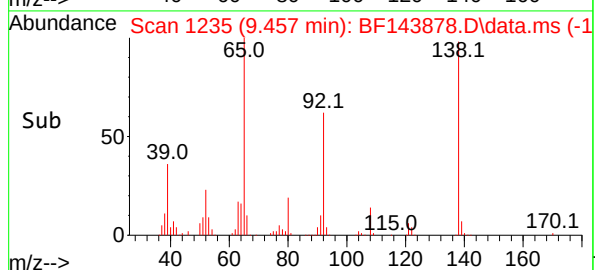
Tgt Ion: 65 Resp: 115519

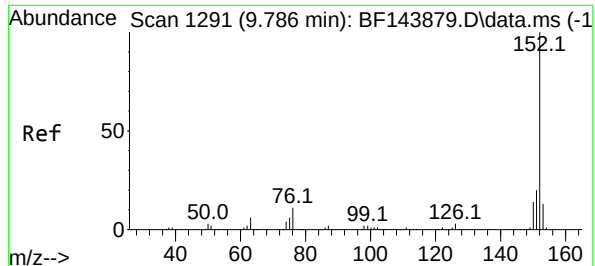
Ion Ratio Lower Upper

65 100

92 62.3 52.1 78.1

138 97.4 77.4 116.2





#49

Acenaphthylene

Concen: 21.234 ng

RT: 9.780 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF143878.D

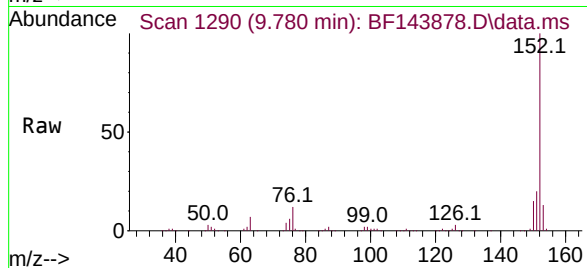
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 512980

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

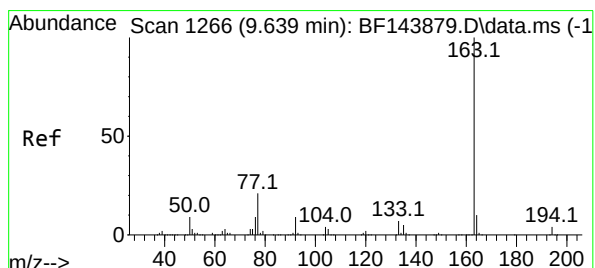
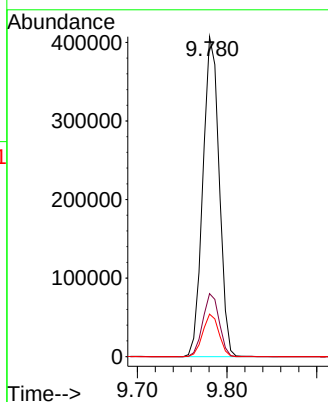
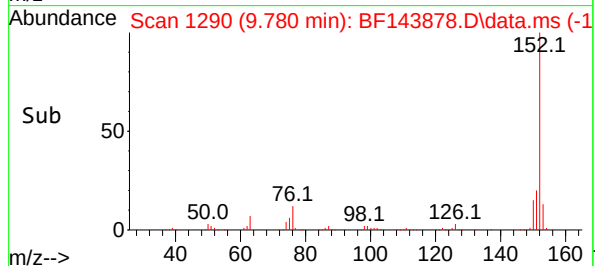
153 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

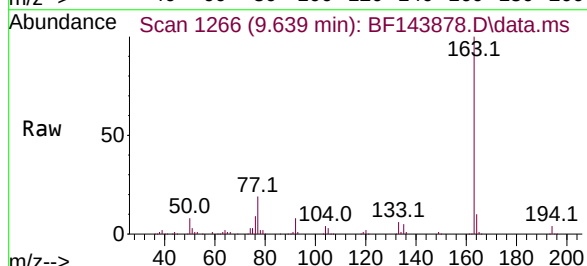
Concen: 21.011 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



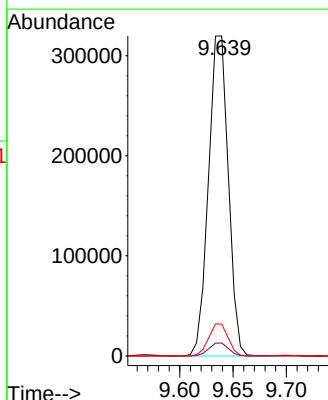
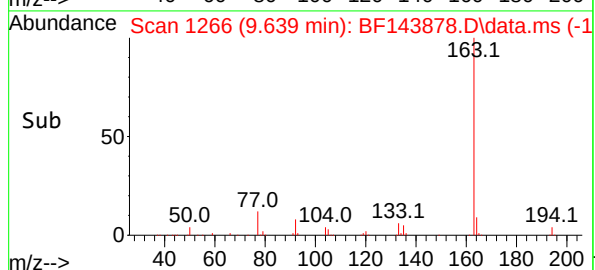
Tgt Ion:163 Resp: 415359

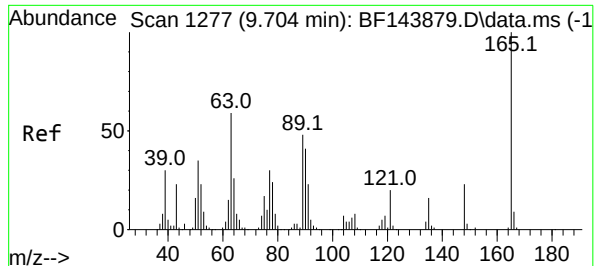
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

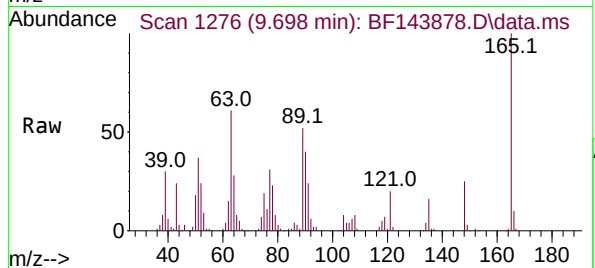
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 20.831 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

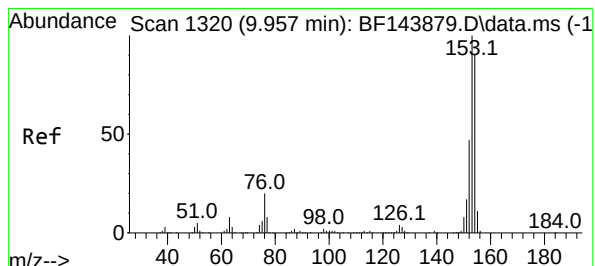
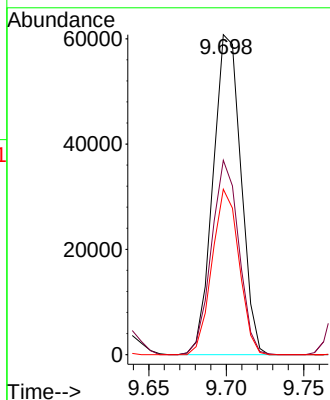
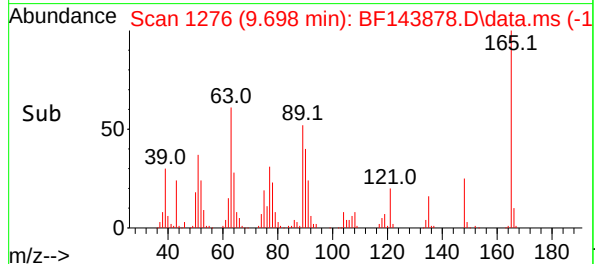
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 76360
Ion Ratio Lower Upper
165 100
63 60.7 47.3 70.9
89 51.7 38.2 57.4

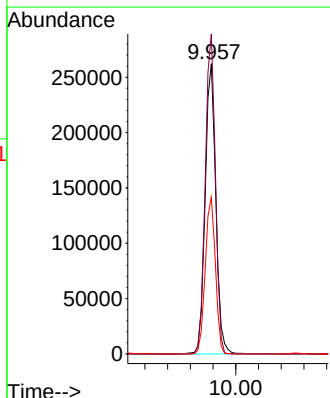
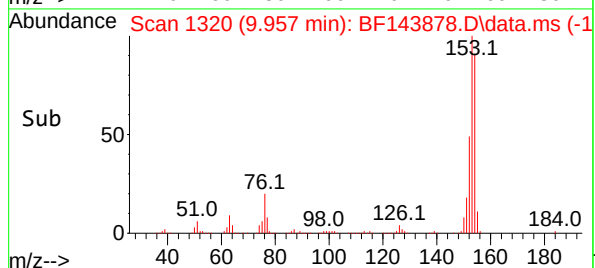
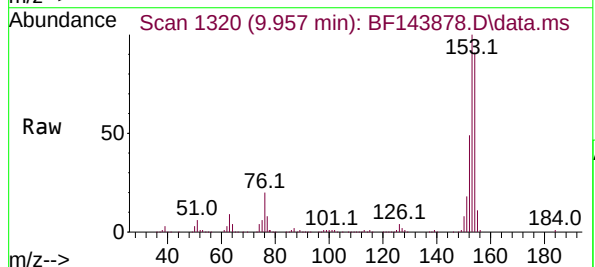
Manual Integrations
APPROVED

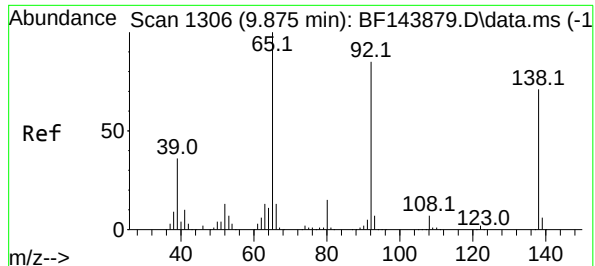
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#52
Acenaphthene
Concen: 21.545 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:154 Resp: 341066
Ion Ratio Lower Upper
154 100
153 110.3 89.3 133.9
152 54.0 42.2 63.2





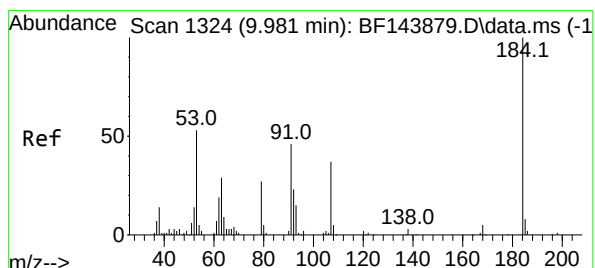
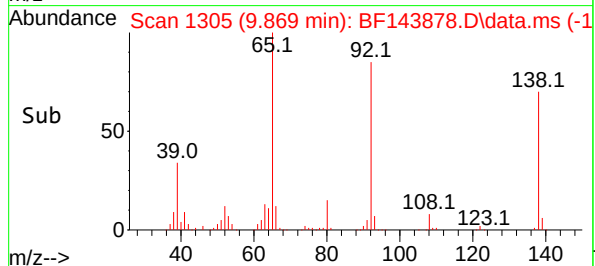
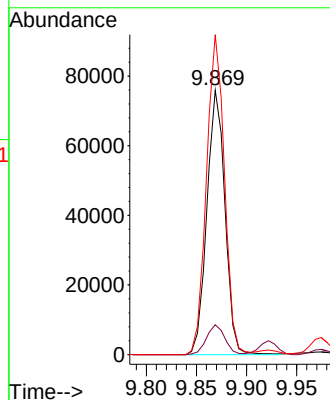
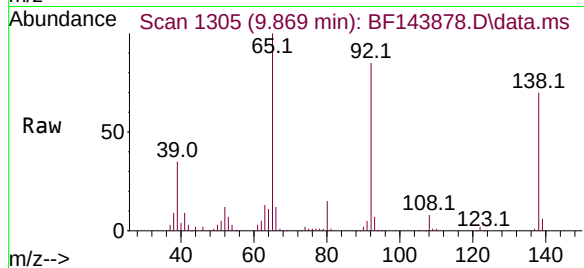
#53
3-Nitroaniline
Concen: 21.194 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 95127
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 121.0 96.2 144.2

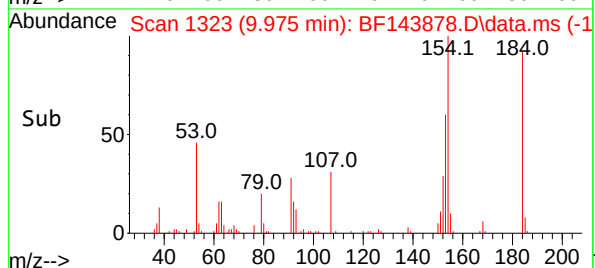
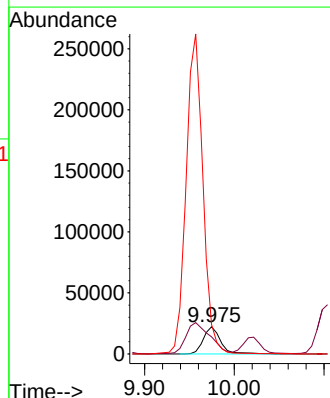
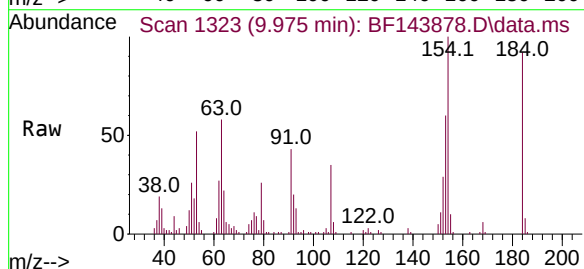
Manual Integrations
APPROVED

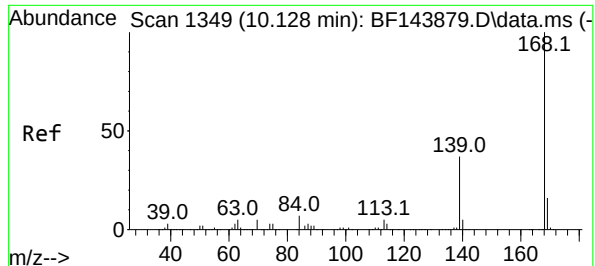
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#54
2,4-Dinitrophenol
Concen: 18.734 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:184 Resp: 29199
Ion Ratio Lower Upper
184 100
63 63.1 48.2 72.4
154 108.6 49.2 73.8#





#55

Dibenzenofuran

Concen: 21.894 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 489250

Ion Ratio Lower Upper

168 100

139 35.9 29.8 44.8

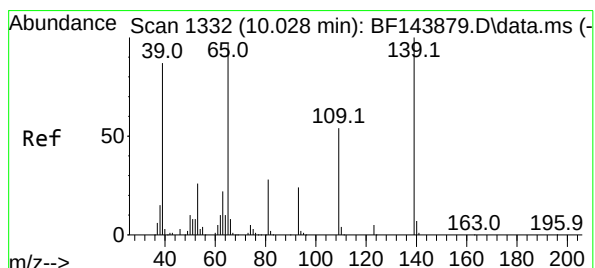
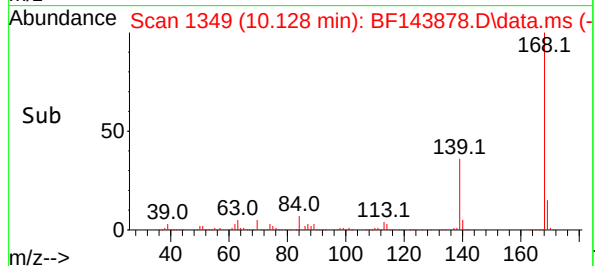
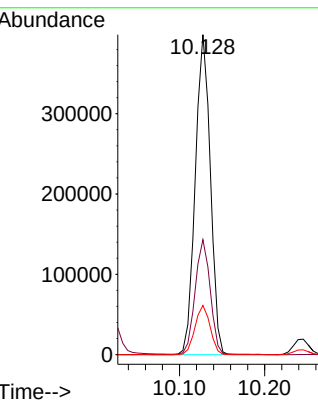
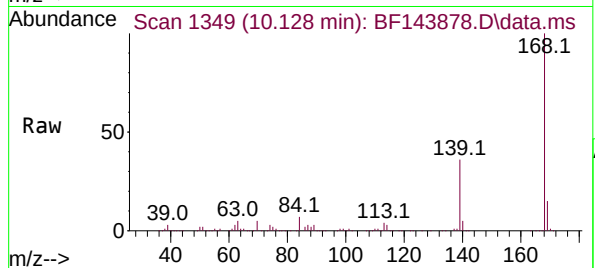
169 15.4 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

Concen: 19.694 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.017 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

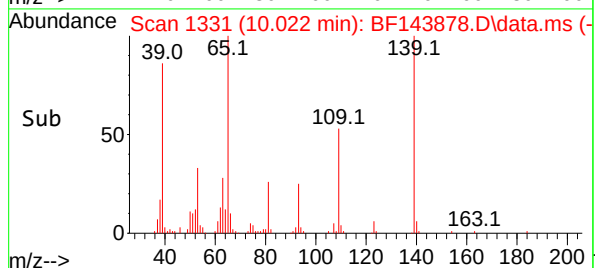
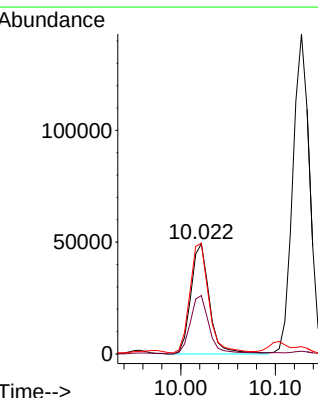
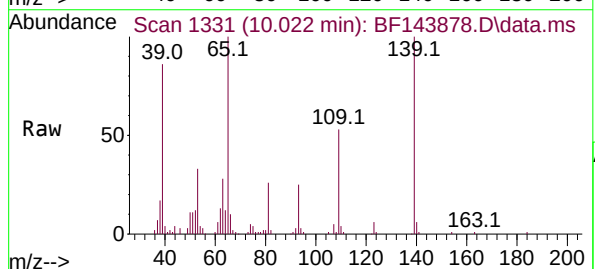
Tgt Ion:139 Resp: 66930

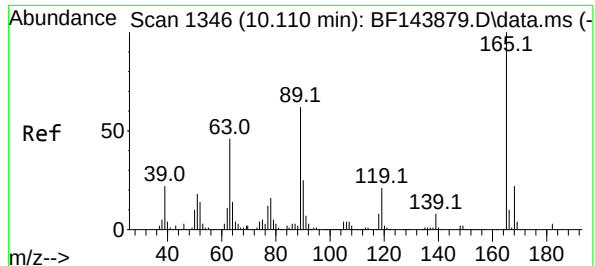
Ion Ratio Lower Upper

139 100

109 52.9 34.5 74.5

65 100.3 77.6 117.6





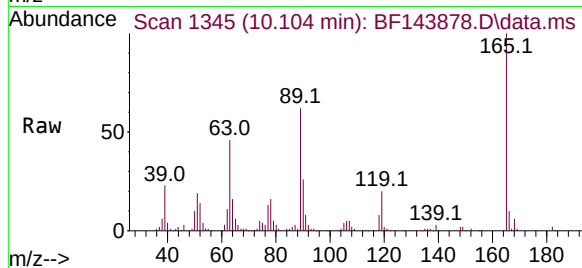
#57
2,4-Dinitrotoluene
Concen: 21.280 ng
RT: 10.104 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

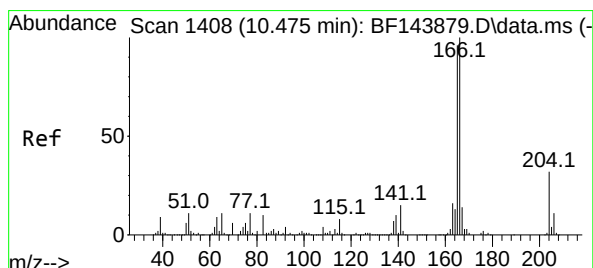
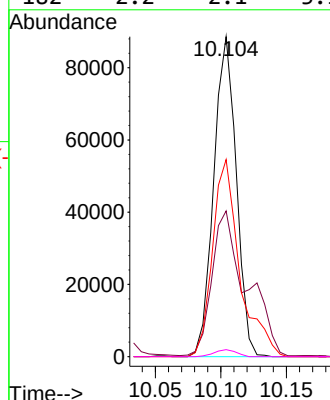
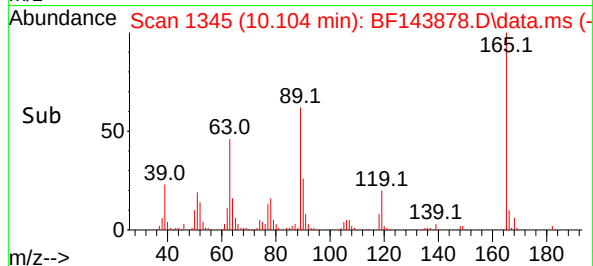


Tgt Ion:165 Resp: 106136
Ion Ratio Lower Upper
165 100
63 45.5 37.2 55.8
89 61.6 49.4 74.2
182 2.2 2.1 3.1

Manual Integrations

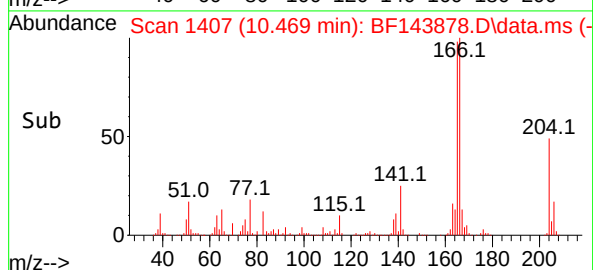
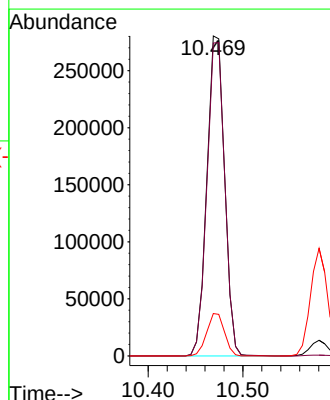
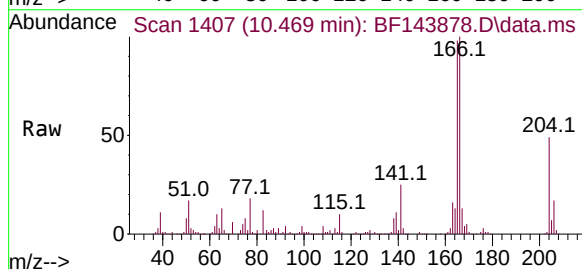
APPROVED

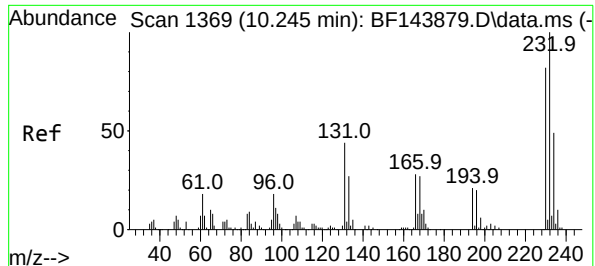
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#58
Fluorene
Concen: 21.659 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

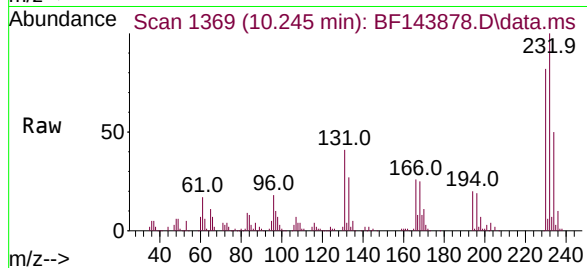
Tgt Ion:166 Resp: 365206
Ion Ratio Lower Upper
166 100
165 97.8 77.0 115.6
167 13.2 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.869 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

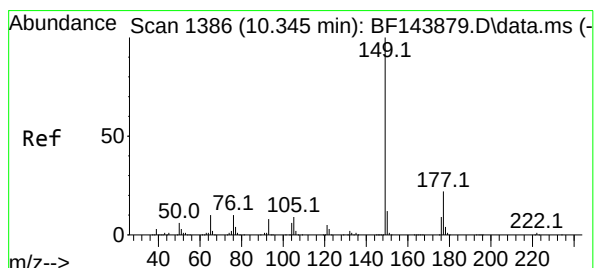
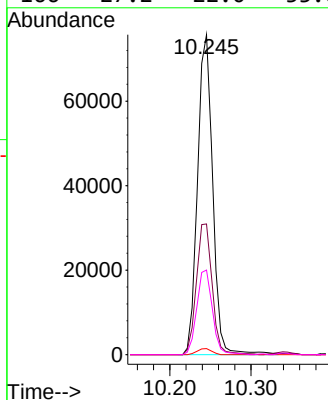
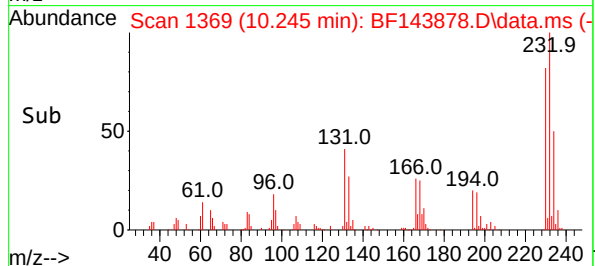
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



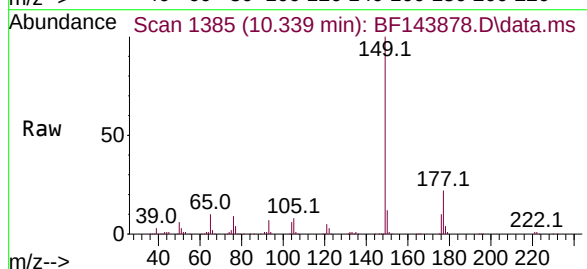
Tgt Ion:232 Resp: 98138
Ion Ratio Lower Upper
232 100
131 42.6 34.9 52.3
130 1.8 1.6 2.4
166 27.2 22.0 33.0

Manual Integrations
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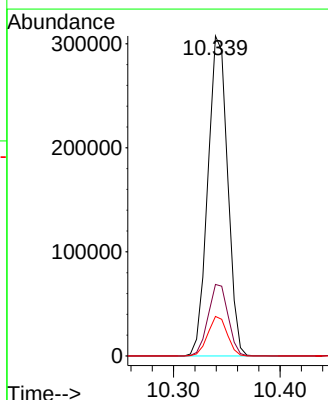
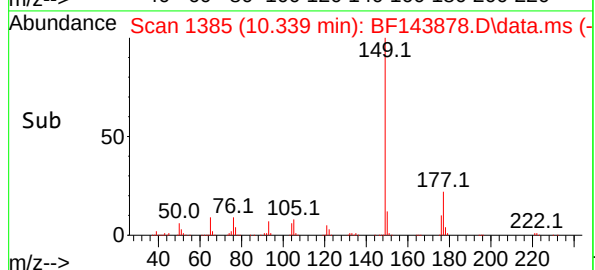
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

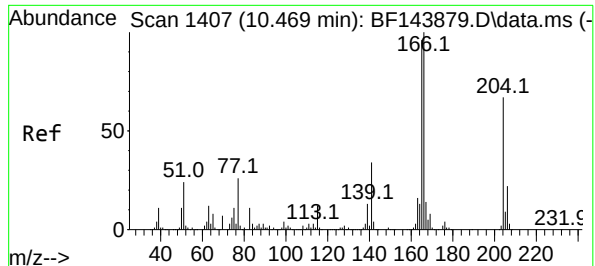


#60
Diethylphthalate
Concen: 21.575 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



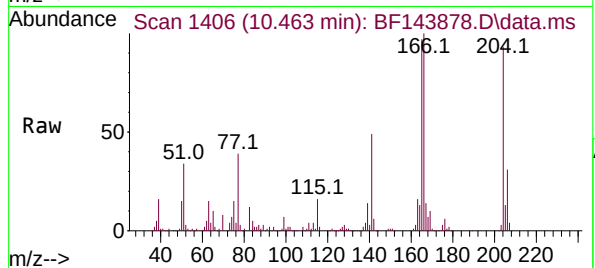
Tgt Ion:149 Resp: 396233
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 21.860 ng
RT: 10.463 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

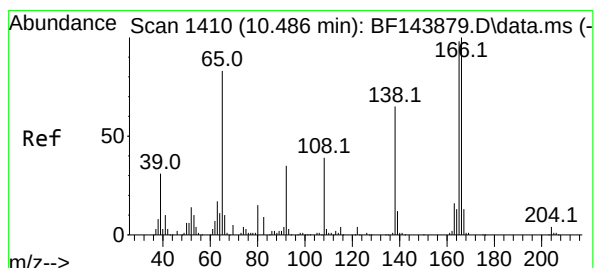
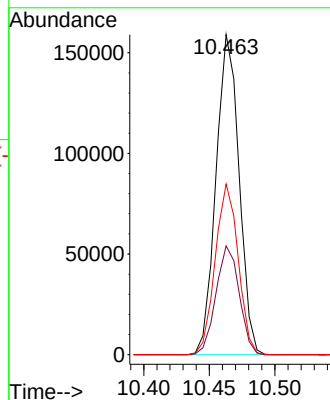
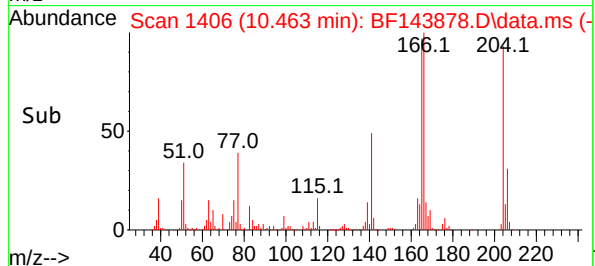
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 194875
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 53.4 40.4 60.6

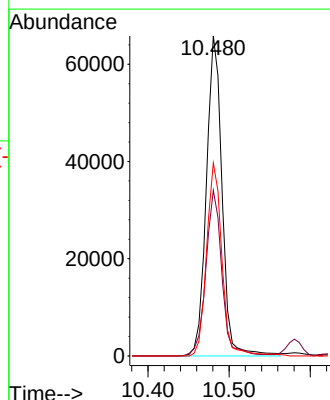
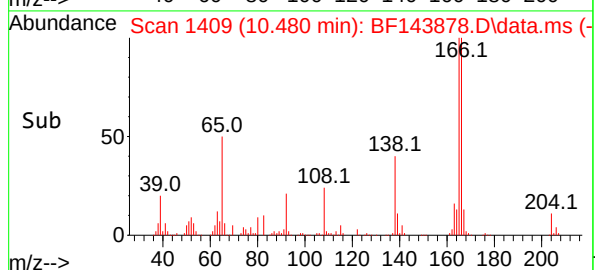
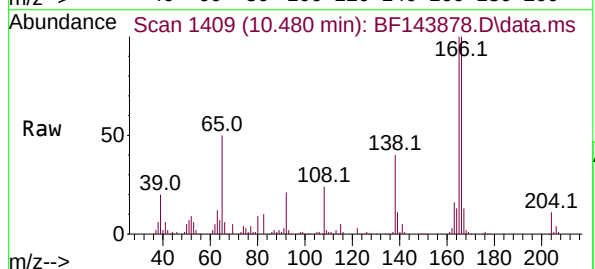
Manual Integrations
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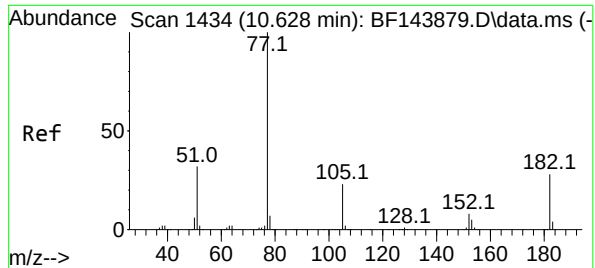
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#62
4-Nitroaniline
Concen: 20.526 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:138 Resp: 88594
Ion Ratio Lower Upper
138 100
92 51.7 33.9 73.9
108 60.3 40.2 80.2





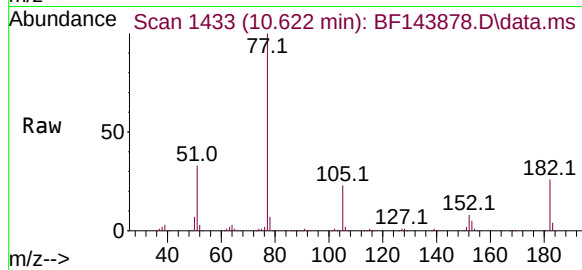
#63
Azobenzene
Concen: 21.218 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

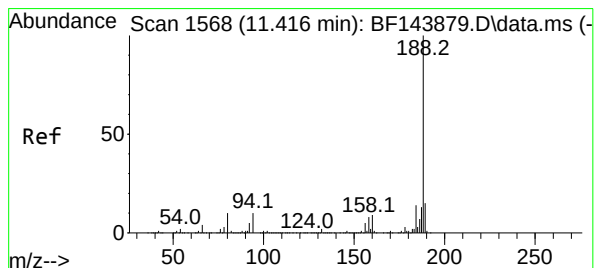
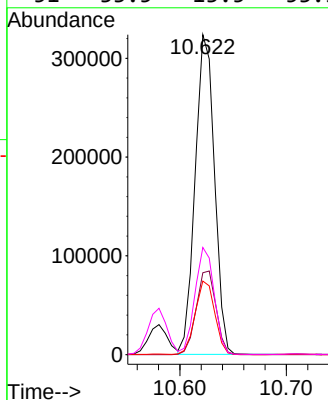
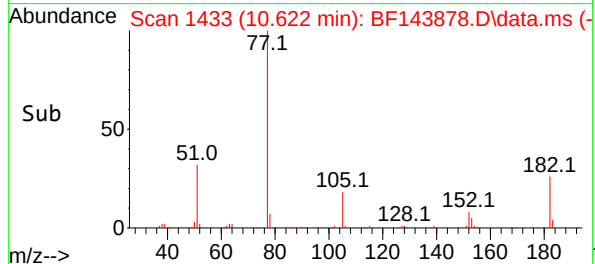


Tgt Ion: 77 Resp: 407261
Ion Ratio Lower Upper
77 100
182 25.6 7.3 47.3
105 23.0 3.0 43.0
51 33.5 13.5 53.5

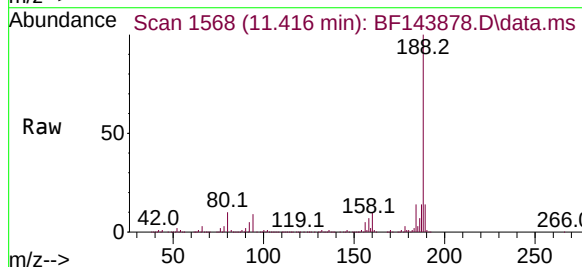
Manual Integrations

APPROVED

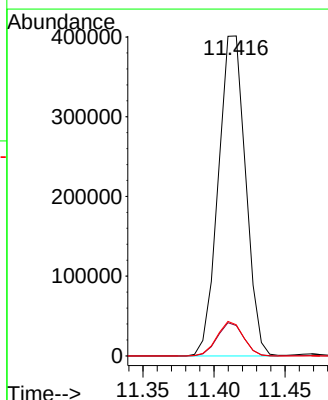
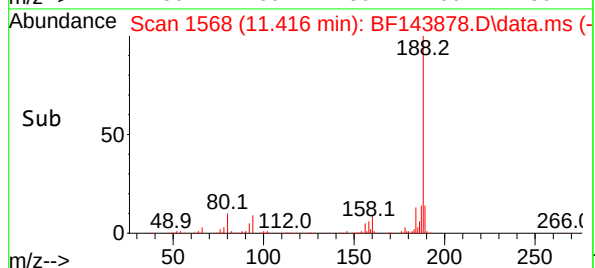
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

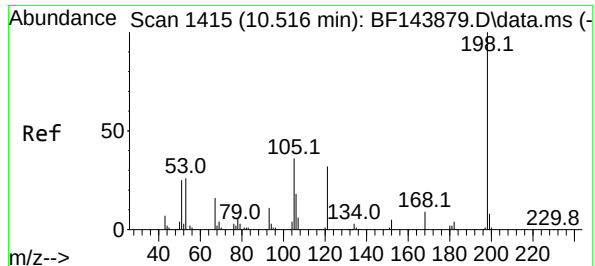


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



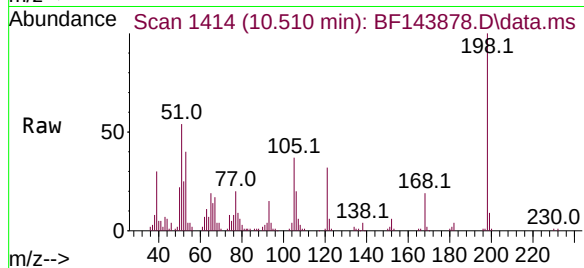
Tgt Ion:188 Resp: 536961
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 9.7 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 18.309 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.023 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

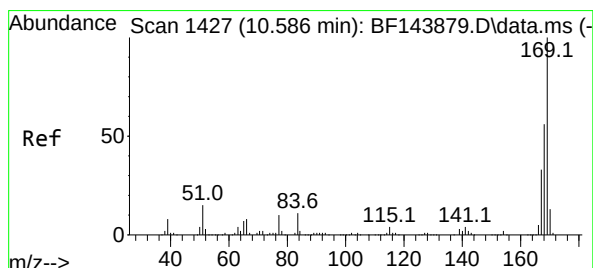
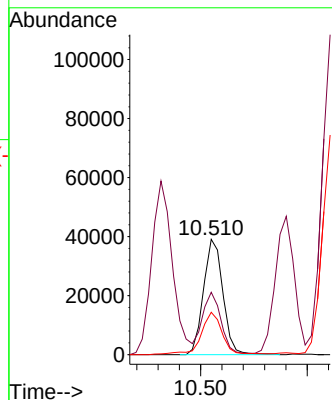
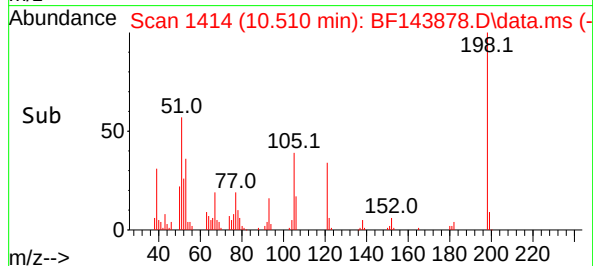
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



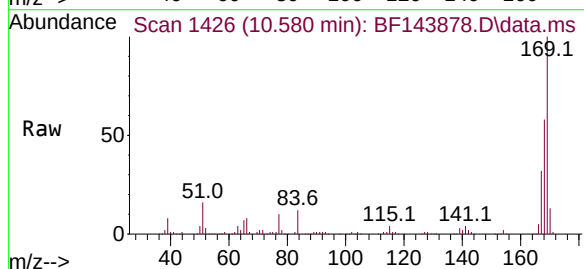
Tgt Ion:198 Resp: 49405
Ion Ratio Lower Upper
198 100
51 54.1 33.8 73.8
105 36.7 17.0 57.0

Manual Integrations
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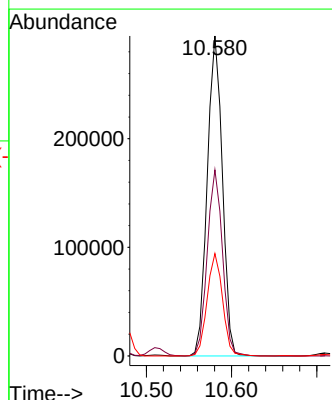
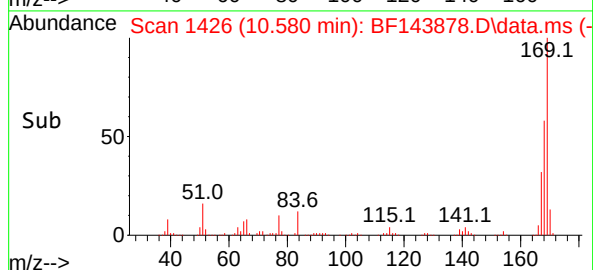
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

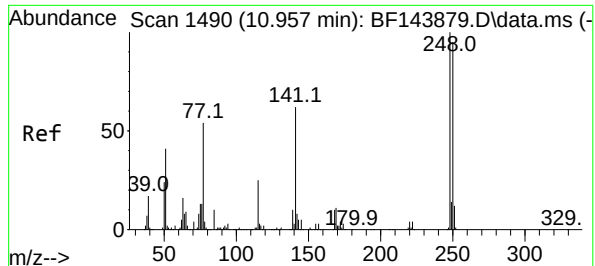


#66
n-Nitrosodiphenylamine
Concen: 21.484 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



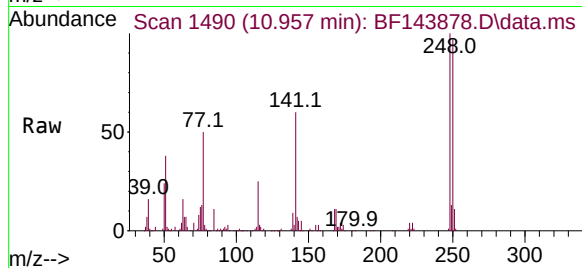
Tgt Ion:169 Resp: 362217
Ion Ratio Lower Upper
169 100
168 58.1 44.9 67.3
167 32.0 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 20.876 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

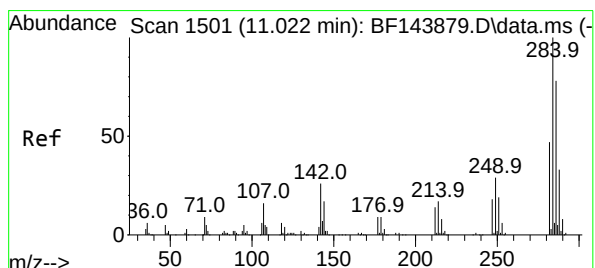
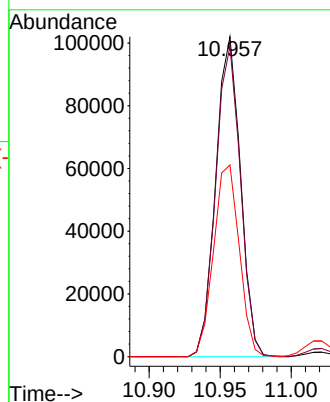
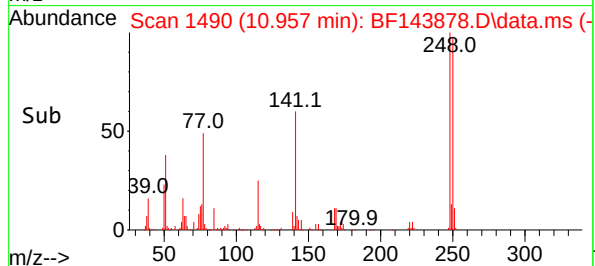
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:248 Resp: 123882
Ion Ratio Lower Upper
248 100
250 97.0 76.3 114.5
141 59.9 49.7 74.5

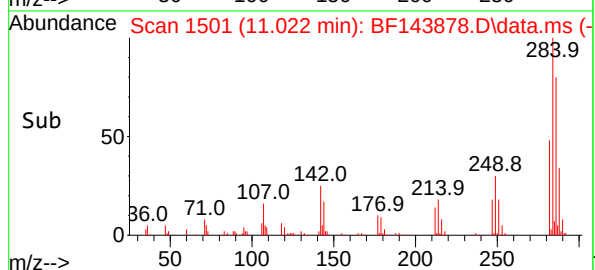
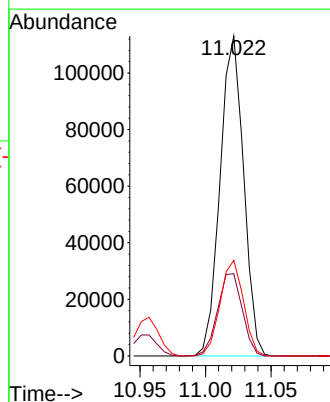
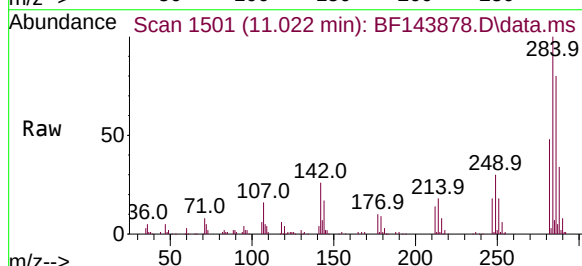
Manual Integrations
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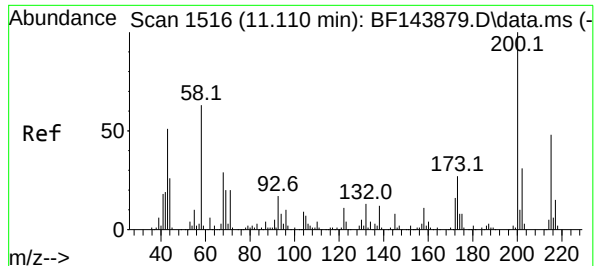
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#68
Hexachlorobenzene
Concen: 20.570 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:284 Resp: 141316
Ion Ratio Lower Upper
284 100
142 25.7 20.6 30.8
249 29.9 23.2 34.8





#69

Atrazine

Concen: 22.405 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 114492

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

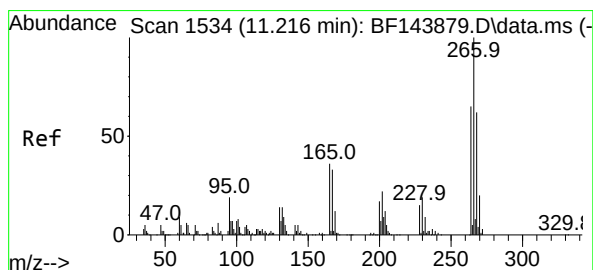
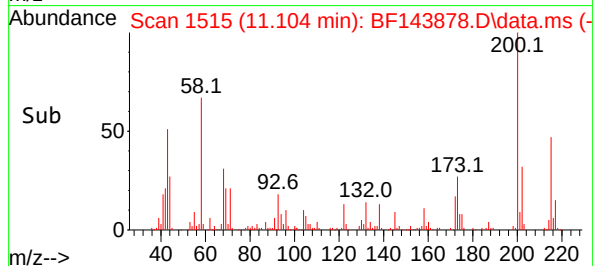
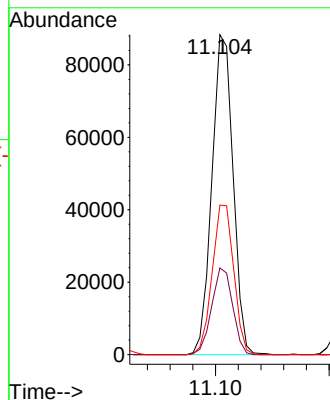
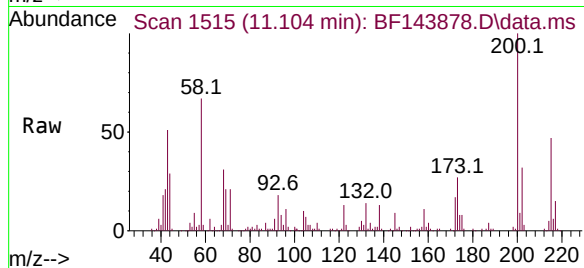
215 46.7 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 20.687 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

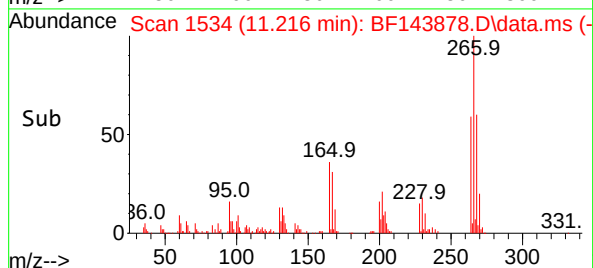
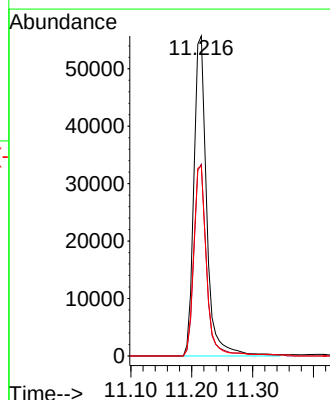
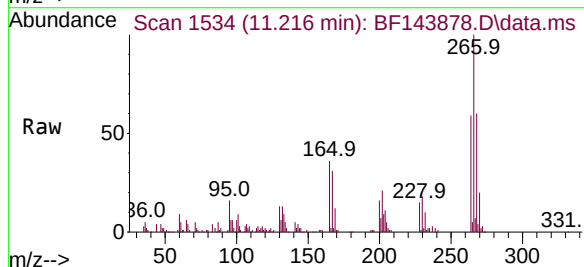
Tgt Ion:266 Resp: 81624

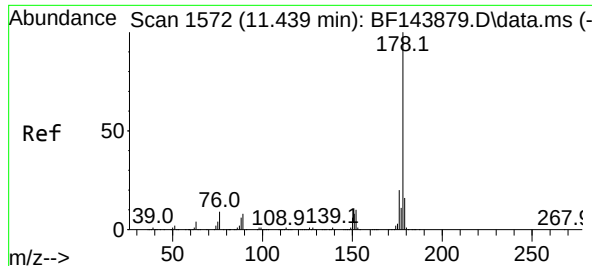
Ion Ratio Lower Upper

266 100

268 59.8 49.4 74.0

264 59.4 51.8 77.6





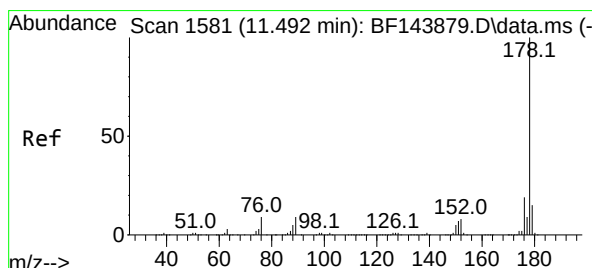
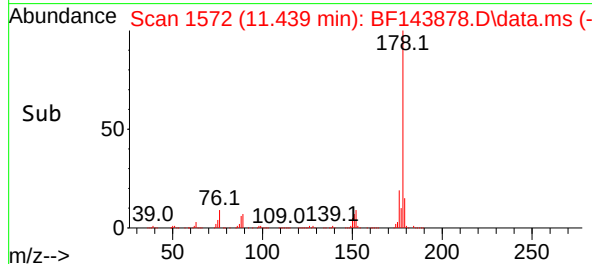
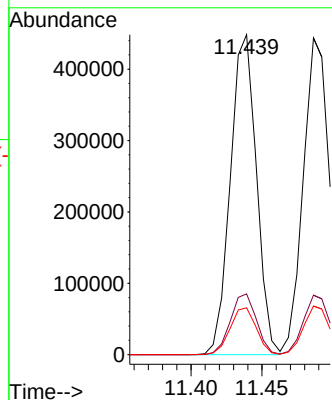
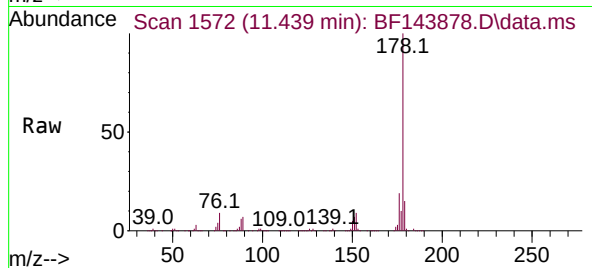
#71
Phenanthrene
Concen: 21.979 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 57215
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 14.6 12.4 18.6

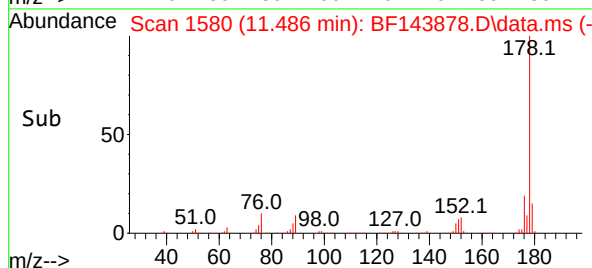
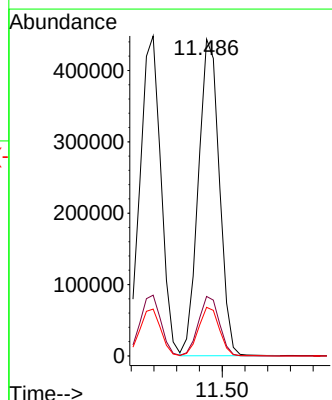
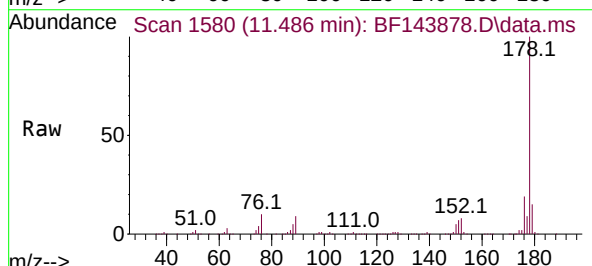
Manual Integrations
APPROVED

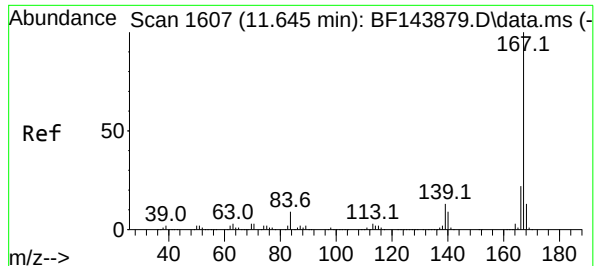
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#72
Anthracene
Concen: 21.588 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

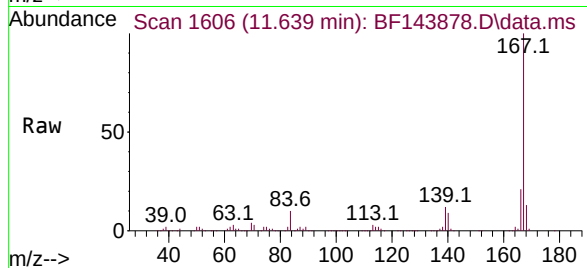
Tgt Ion:178 Resp: 567724
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.3 12.2 18.2





#73
Carbazole
Concen: 21.651 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

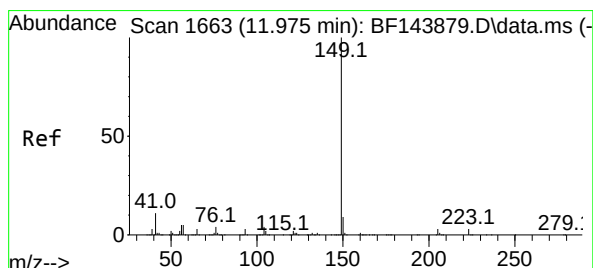
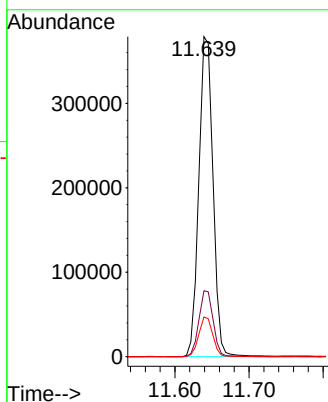
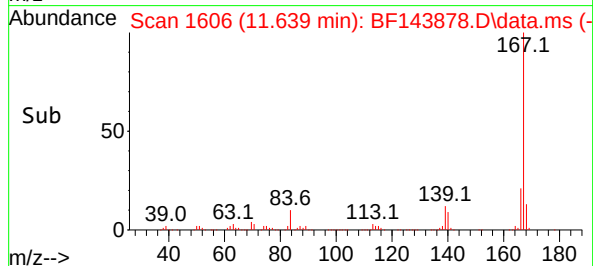
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 504282
Ion Ratio Lower Upper
167 100
166 20.6 17.2 25.8
139 12.4 10.1 15.1

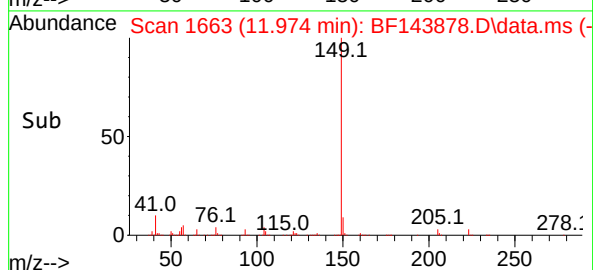
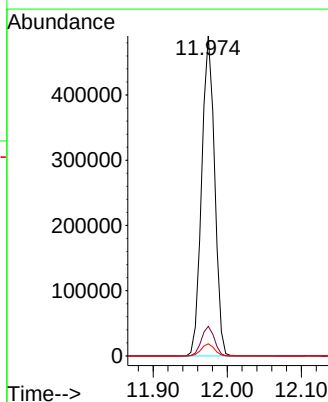
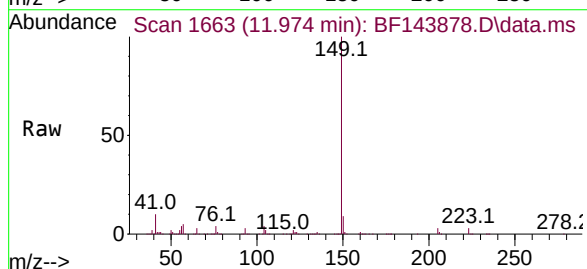
Manual Integrations
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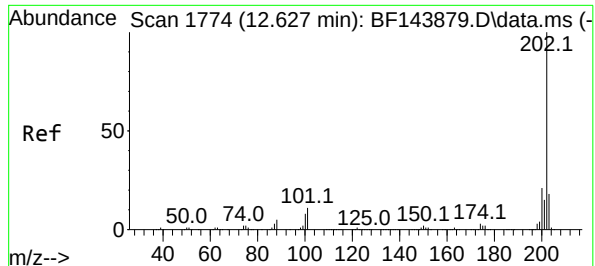
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#74
Di-n-butylphthalate
Concen: 22.047 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

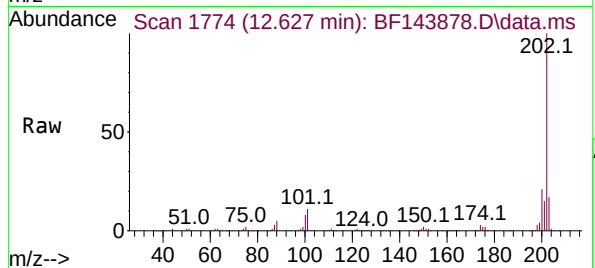
Tgt Ion:149 Resp: 595140
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 3.8 3.4 5.2





#75
Fluoranthene
Concen: 21.843 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

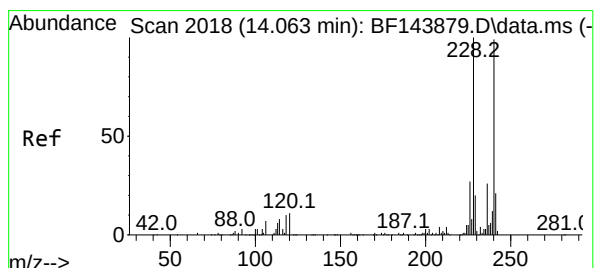
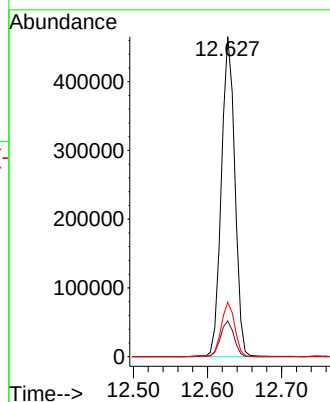
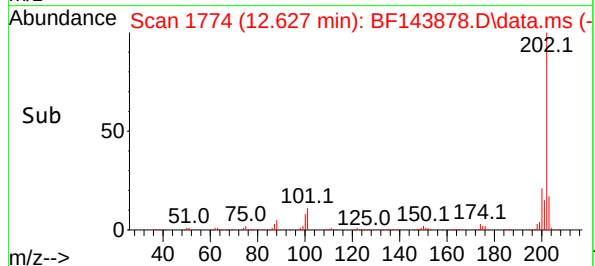
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 587348
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.7
203 16.9 0.0 37.8

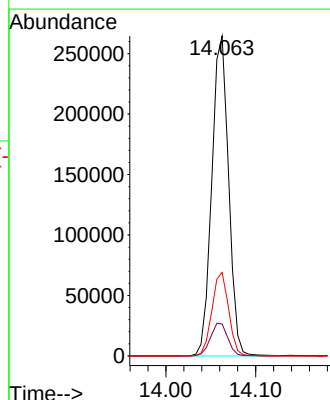
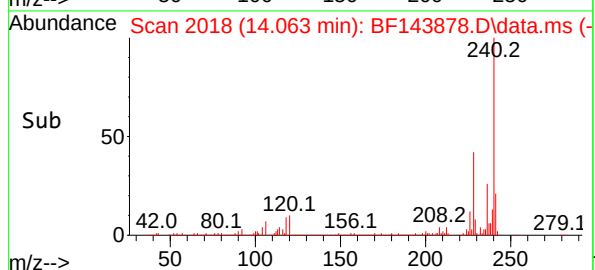
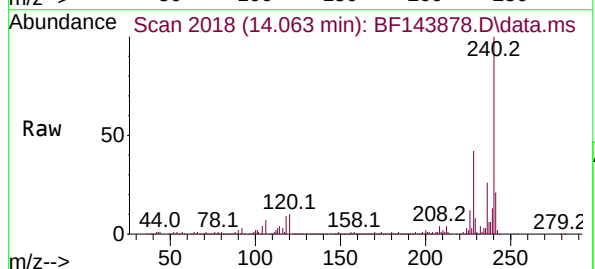
Manual Integrations
APPROVED

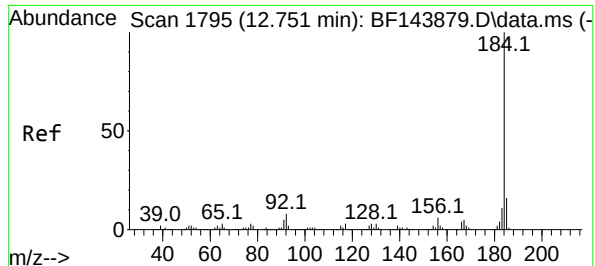
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:240 Resp: 346764
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 26.1 21.1 31.7





#77

Benzidine

Concen: 20.710 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:184 Resp: 249358

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

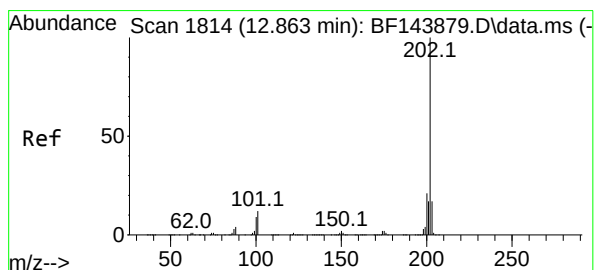
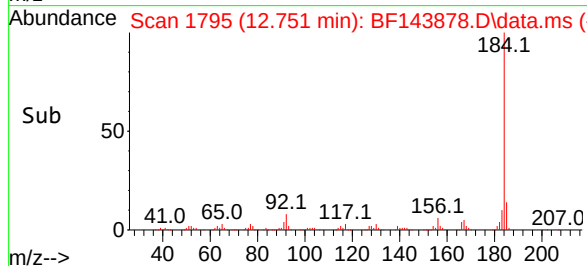
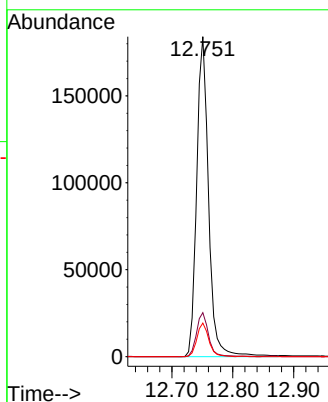
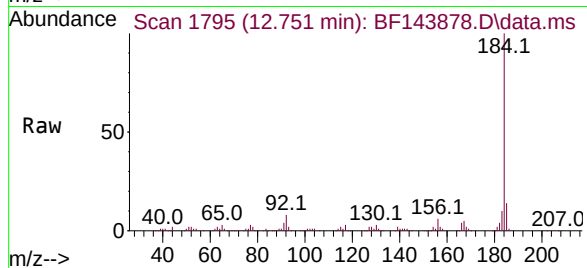
183 10.5 8.8 13.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

Concen: 21.215 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

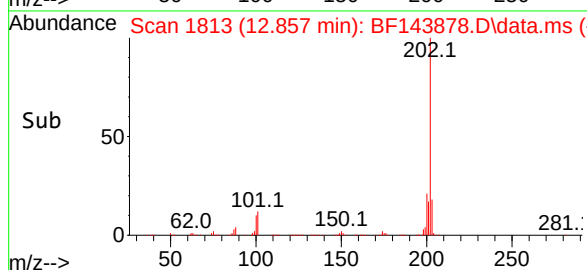
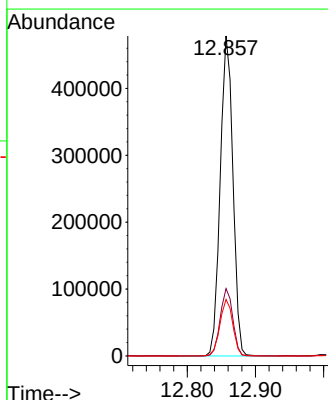
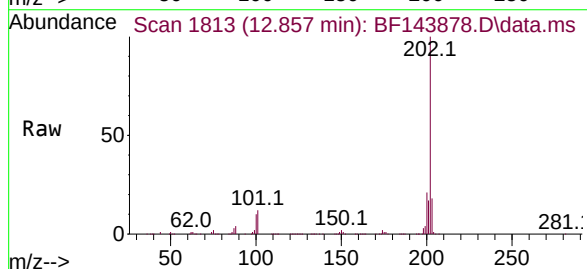
Tgt Ion:202 Resp: 613300

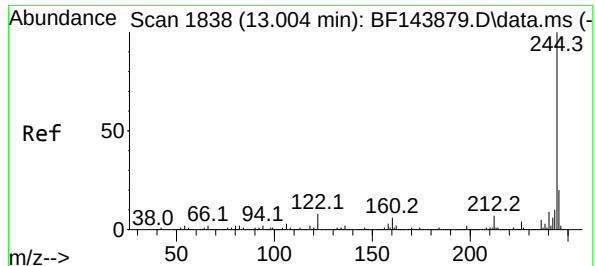
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 43.445 ng

RT: 12.998 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF143878.D

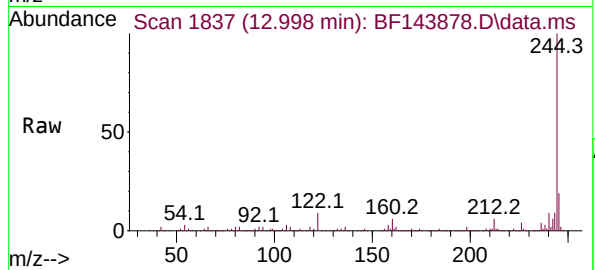
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:244 Resp: 881486

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

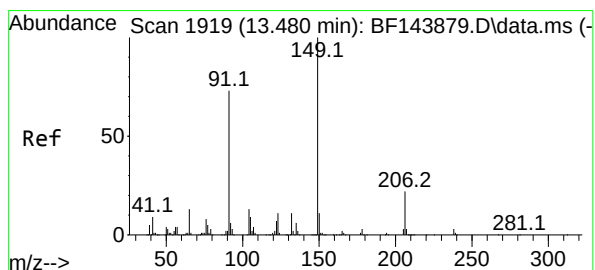
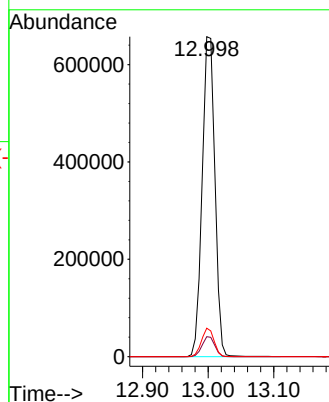
122 8.9 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 21.391 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

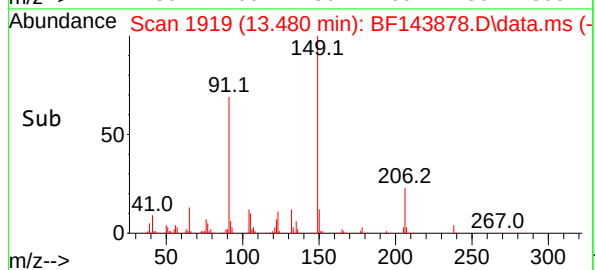
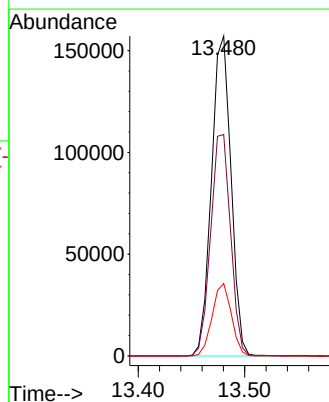
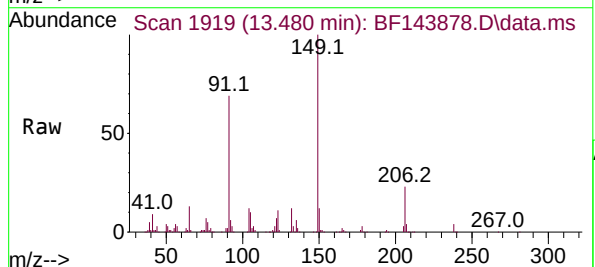
Tgt Ion:149 Resp: 200832

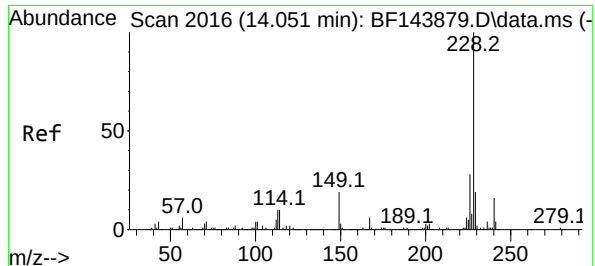
Ion Ratio Lower Upper

149 100

91 69.2 58.2 87.2

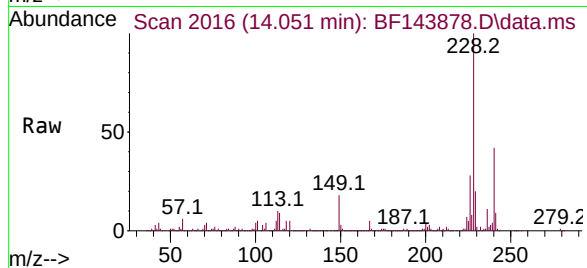
206 22.6 17.9 26.9





#81
Benzo(a)anthracene
Concen: 20.693 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

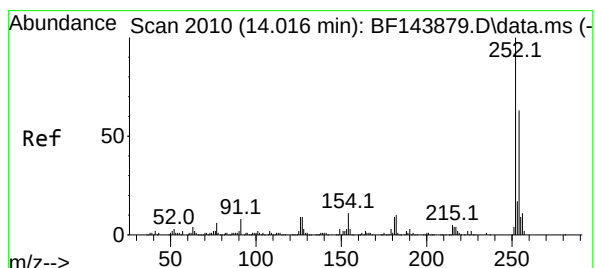
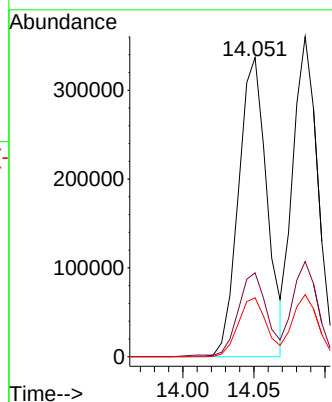
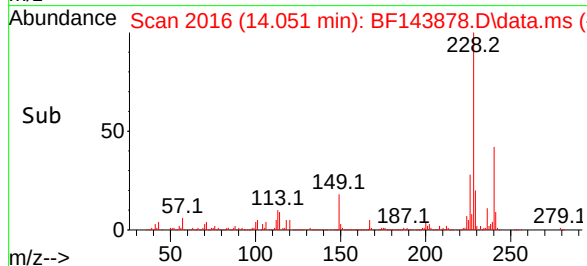
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 469566
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.2
229 19.7 15.6 23.4

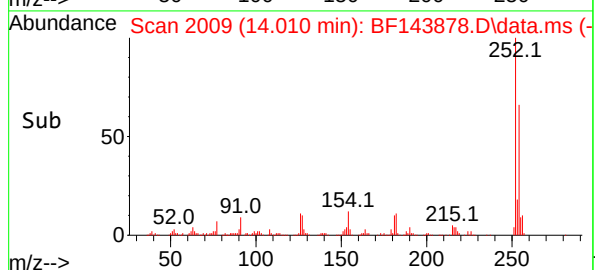
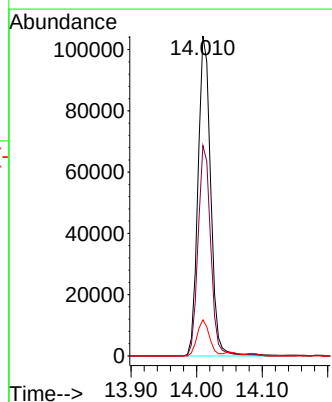
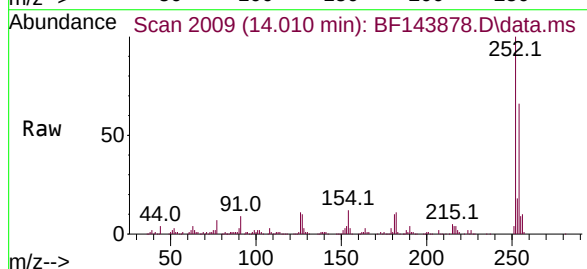
Manual Integrations
APPROVED

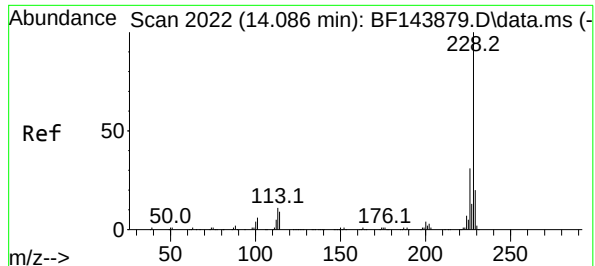
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#82
3,3'-Dichlorobenzidine
Concen: 20.219 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

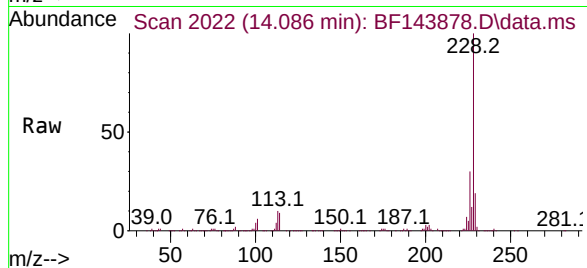
Tgt Ion:252 Resp: 139822
Ion Ratio Lower Upper
252 100
254 65.7 50.6 76.0
126 11.3 7.0 10.6





#83
Chrysene
Concen: 20.920 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

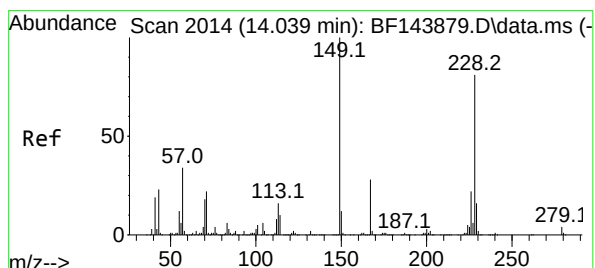
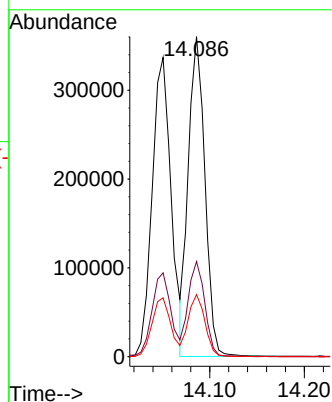
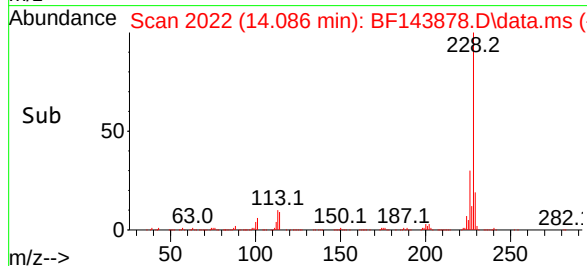
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 439378
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 19.4 15.9 23.9

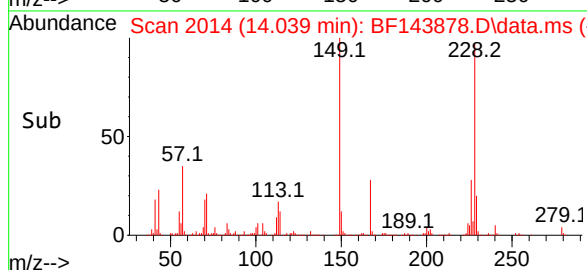
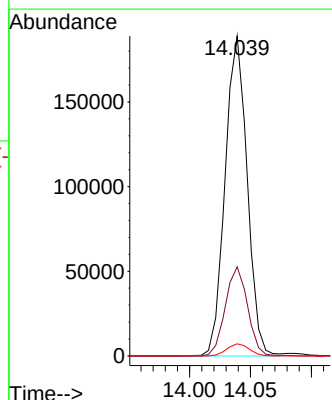
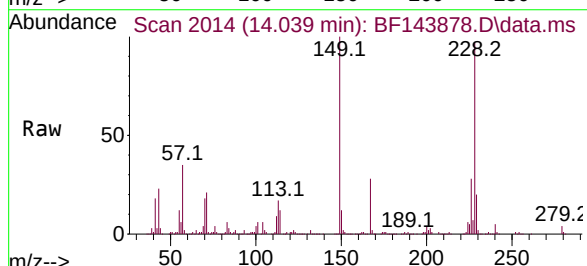
Manual Integrations
APPROVED

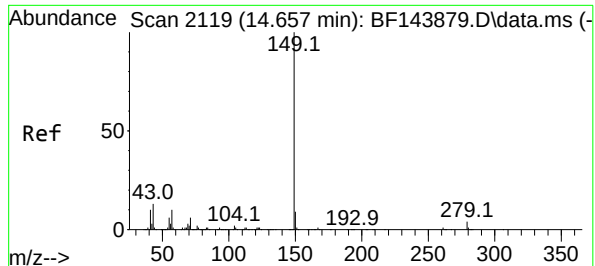
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 21.041 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

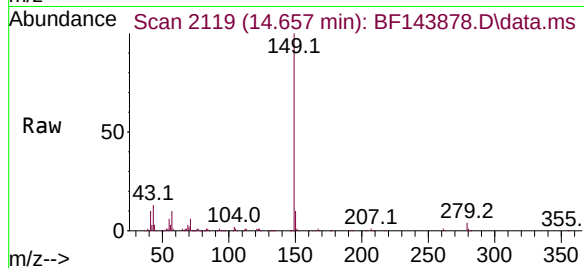
Tgt Ion:149 Resp: 238132
Ion Ratio Lower Upper
149 100
167 27.8 22.2 33.4
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 18.814 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

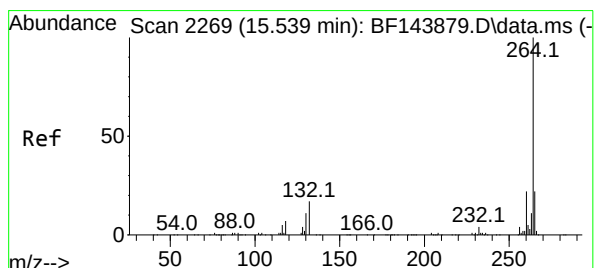
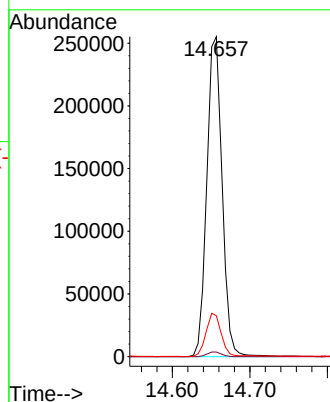
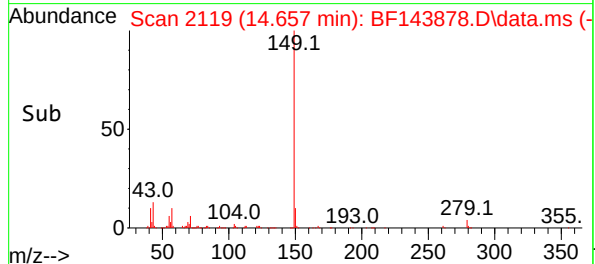
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



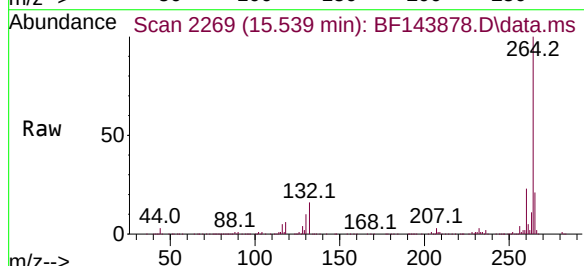
Tgt Ion:149 Resp: 349721
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.8 11.0 16.4

Manual Integrations
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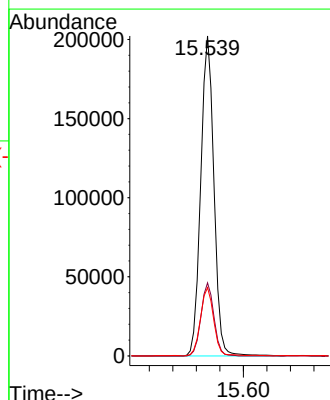
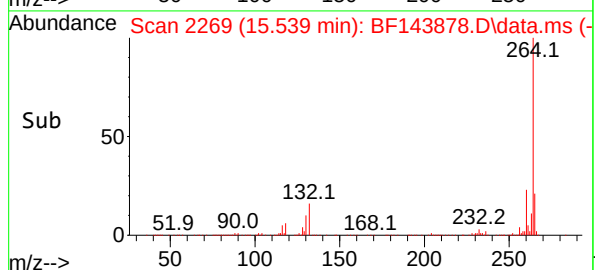
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

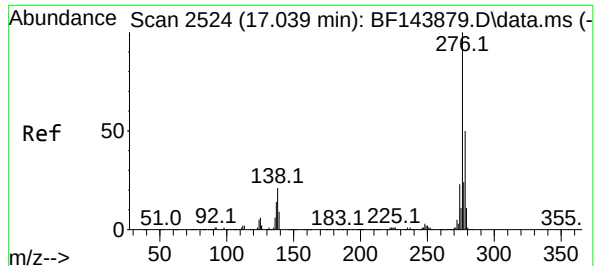


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



Tgt Ion:264 Resp: 314616
Ion Ratio Lower Upper
264 100
260 22.8 17.8 26.8
265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.942 ng

RT: 17.027 min Scan# 2195

Delta R.T. -0.029 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 38444

Ion Ratio Lower Upper

276 100

138 25.5 18.2 27.2

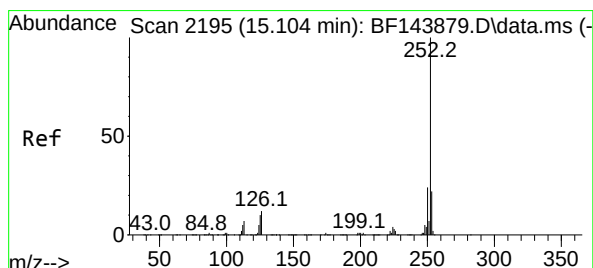
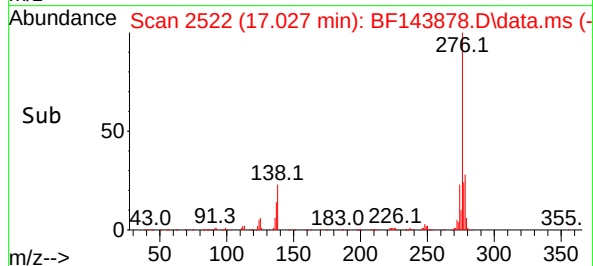
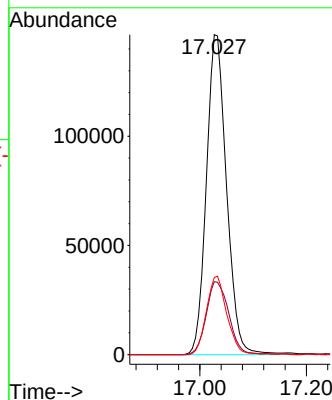
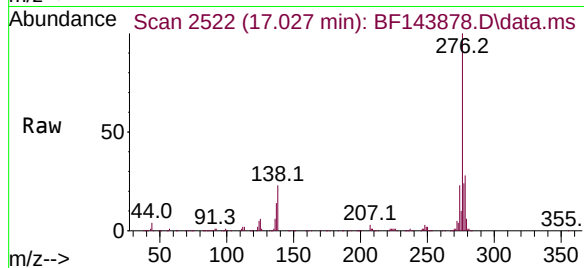
277 25.0 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 19.692 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

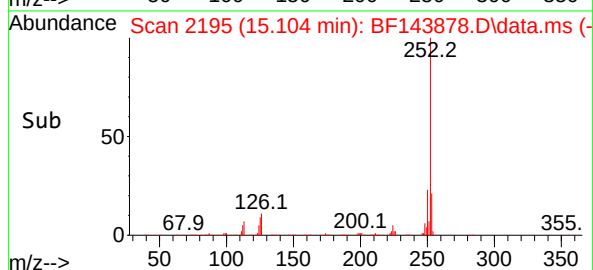
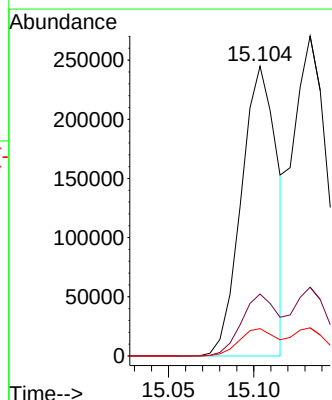
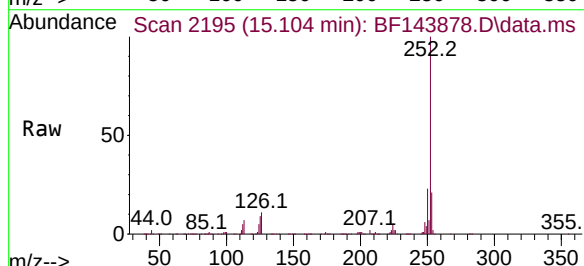
Tgt Ion:252 Resp: 355882

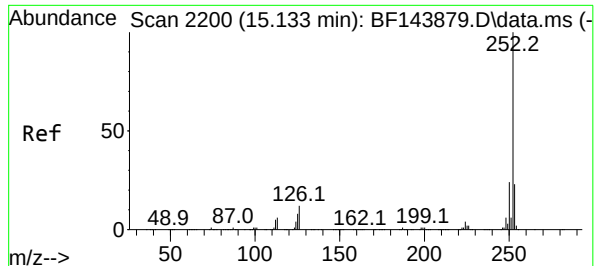
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 9.4 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 23.106 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143878.D

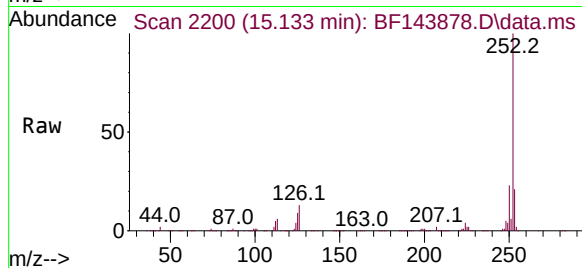
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



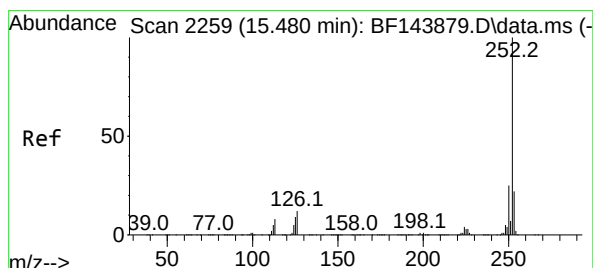
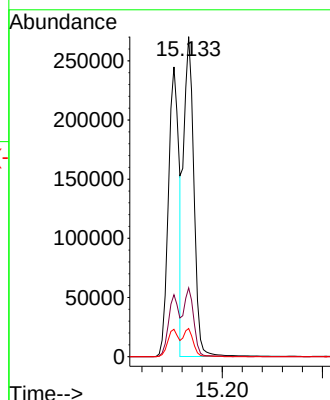
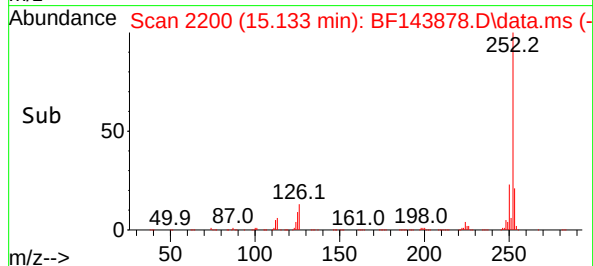
Tgt Ion:252 Resp: 386399
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 8.8 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

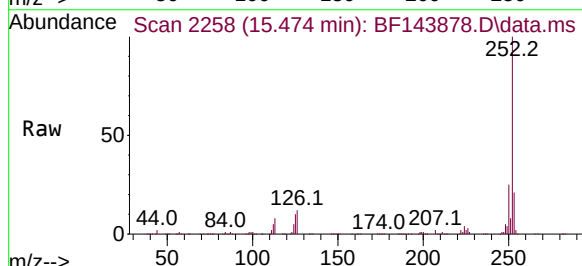
Concen: 20.822 ng

RT: 15.474 min Scan# 2258

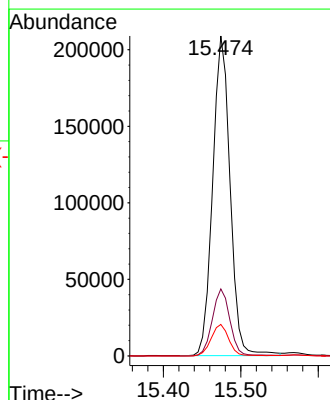
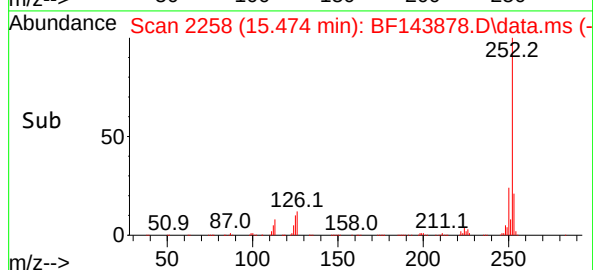
Delta R.T. -0.012 min

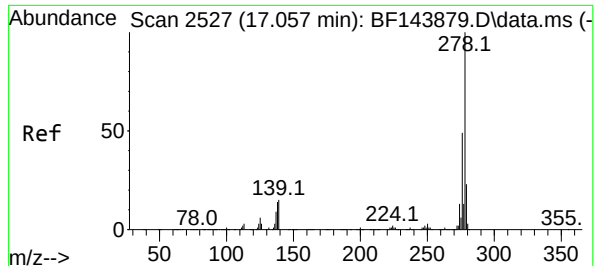
Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



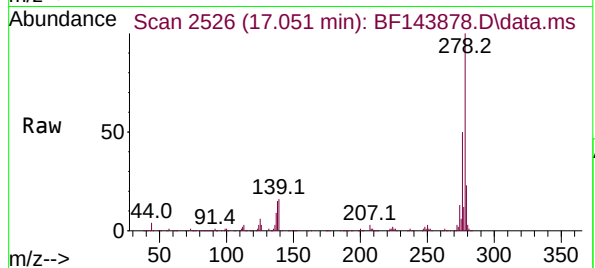
Tgt Ion:252 Resp: 326291
Ion Ratio Lower Upper
252 100
253 20.9 17.3 25.9
125 9.8 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 20.589 ng
RT: 17.051 min Scan# 2527
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

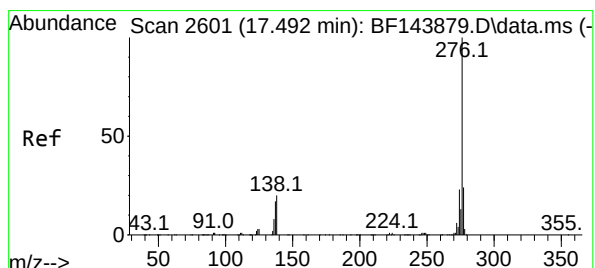
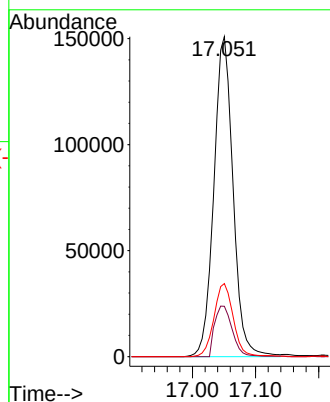
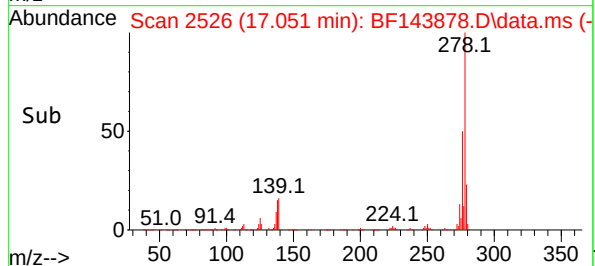
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 319216
Ion Ratio Lower Upper
278 100
139 15.7 11.7 17.5
279 22.8 18.4 27.6

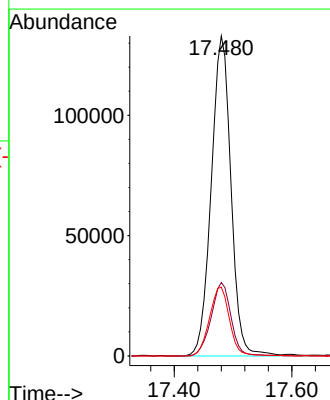
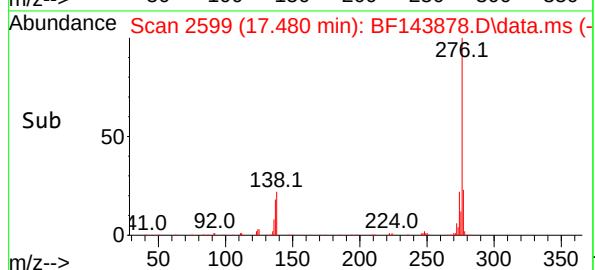
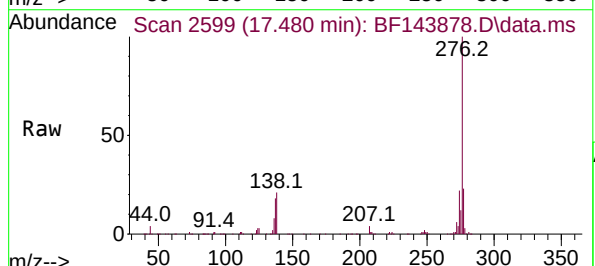
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#92
Benzo(g,h,i)perylene
Concen: 19.937 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.035 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:276 Resp: 309120
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.6
138 21.5 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143879.D
 Acq On : 06 Oct 2025 12:54
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124152	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	479933	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	260024	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	444949	20.000	ng	0.00
76) Chrysene-d12	14.063	240	254576	20.000	ng	0.00
86) Perylene-d12	15.539	264	250969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	649121	83.027	ng	0.00
7) Phenol-d6	6.504	99	765629	82.158	ng	-0.01
23) Nitrobenzene-d5	7.445	82	662754	83.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	215478	83.200	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1273210	77.695	ng	0.00
79) Terphenyl-d14	13.004	244	1302632	87.451	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	151157	41.781	ng	100
3) Pyridine	3.410	79	439985	41.775	ng	100
4) n-Nitrosodimethylamine	3.357	42	225827	40.760	ng	100
6) Aniline	6.545	93	581779	41.662	ng	100
8) 2-Chlorophenol	6.663	128	321394	42.055	ng	100
9) Benzaldehyde	6.434	77	330062	45.914	ng	100
10) Phenol	6.516	94	457250m	41.042	ng	
11) bis(2-Chloroethyl)ether	6.616	93	358980	41.712	ng	100
12) 1,3-Dichlorobenzene	6.822	146	376359	41.141	ng	100
13) 1,4-Dichlorobenzene	6.898	146	372118	41.238	ng	100
14) 1,2-Dichlorobenzene	7.051	146	356137	41.204	ng	100
15) Benzyl Alcohol	7.022	79	291212	41.707	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	804199	41.052	ng	100
17) 2-Methylphenol	7.128	107	261669	41.430	ng	100
18) Hexachloroethane	7.398	117	124325	41.313	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	254701	39.929	ng	100
20) 3+4-Methylphenols	7.281	107	314281	42.934	ng	100
22) Acetophenone	7.292	105	415513	40.946	ng	100
24) Nitrobenzene	7.463	77	375708	42.828	ng	100
25) Isophorone	7.704	82	677007	40.645	ng	100
26) 2-Nitrophenol	7.781	139	167096	44.428	ng	100
27) 2,4-Dimethylphenol	7.810	122	282923	41.818	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	425986	40.486	ng	100
29) 2,4-Dichlorophenol	8.022	162	294452	41.782	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	286330	41.312	ng	100
31) Naphthalene	8.187	128	894263	40.961	ng	100
32) Benzoic acid	7.916	122	199609m	42.630	ng	
33) 4-Chloroaniline	8.234	127	340866	41.630	ng	100
34) Hexachlorobutadiene	8.304	225	198282	41.170	ng	100
35) Caprolactam	8.604	113	91458	40.816	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	275908	40.758	ng	100
37) 2-Methylnaphthalene	8.881	142	591428	40.669	ng	100
38) 1-Methylnaphthalene	8.981	142	581114	41.196	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	306622	42.665	ng	100
41) Hexachlorocyclopentadiene	9.034	237	133694	44.842	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	231469	44.081	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143879.D
 Acq On : 06 Oct 2025 12:54
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	237161	42.739	ng	100
46) 1,1'-Biphenyl	9.345	154	714293	41.490	ng	100
47) 2-Chloronaphthalene	9.369	162	591442	41.204	ng	100
48) 2-Nitroaniline	9.463	65	203733	44.894	ng	100
49) Acenaphthylene	9.786	152	844067	41.828	ng	100
50) Dimethylphthalate	9.639	163	671290	40.653	ng	100
51) 2,6-Dinitrotoluene	9.704	165	136198	44.481	ng	100
52) Acenaphthene	9.957	154	547286	41.390	ng	100
53) 3-Nitroaniline	9.875	138	159366	42.507	ng	100
54) 2,4-Dinitrophenol	9.981	184	62187	37.010	ng	100
55) Dibenzofuran	10.128	168	776950	41.625	ng	100
56) 4-Nitrophenol	10.028	139	121519	42.807	ng	100
57) 2,4-Dinitrotoluene	10.110	165	189965	45.597	ng	100
58) Fluorene	10.475	166	570508	40.506	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	168932	43.006	ng	100
60) Diethylphthalate	10.345	149	635433	41.422	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	310008	41.632	ng	100
62) 4-Nitroaniline	10.486	138	151866	42.123	ng	100
63) Azobenzene	10.628	77	665698	41.521	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	98551	44.075	ng	100
66) n-Nitrosodiphenylamine	10.586	169	583617	41.773	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	205559	41.803	ng	100
68) Hexachlorobenzene	11.022	284	237363	41.695	ng	100
69) Atrazine	11.110	200	173212	40.905	ng	100
70) Pentachlorophenol	11.216	266	140140	42.862	ng	100
71) Phenanthrene	11.439	178	868592	40.266	ng	100
72) Anthracene	11.492	178	912011	41.850	ng	100
73) Carbazole	11.645	167	786783	40.765	ng	100
74) Di-n-butylphthalate	11.975	149	936899	41.884	ng	100
75) Fluoranthene	12.627	202	918503	41.223	ng	100
77) Benzidine	12.751	184	387464	43.833	ng	100
78) Pyrene	12.863	202	948521	44.692	ng	100
80) Butylbenzylphthalate	13.480	149	315716	45.804	ng	100
81) Benzo(a)anthracene	14.051	228	711609	42.715	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	224071	44.135	ng	100
83) Chrysene	14.086	228	658639	42.717	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	376273	45.286	ng	100
85) Di-n-octyl phthalate	14.657	149	608123	44.561	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	699234	45.470	ng	100
88) Benzo(b)fluoranthene	15.104	252	636888	44.178	ng	100
89) Benzo(k)fluoranthene	15.133	252	556111	41.688	ng	100
90) Benzo(a)pyrene	15.480	252	553098	44.246	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	566134	45.774	ng	100
92) Benzo(g,h,i)perylene	17.492	276	560761	45.340	ng	100

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

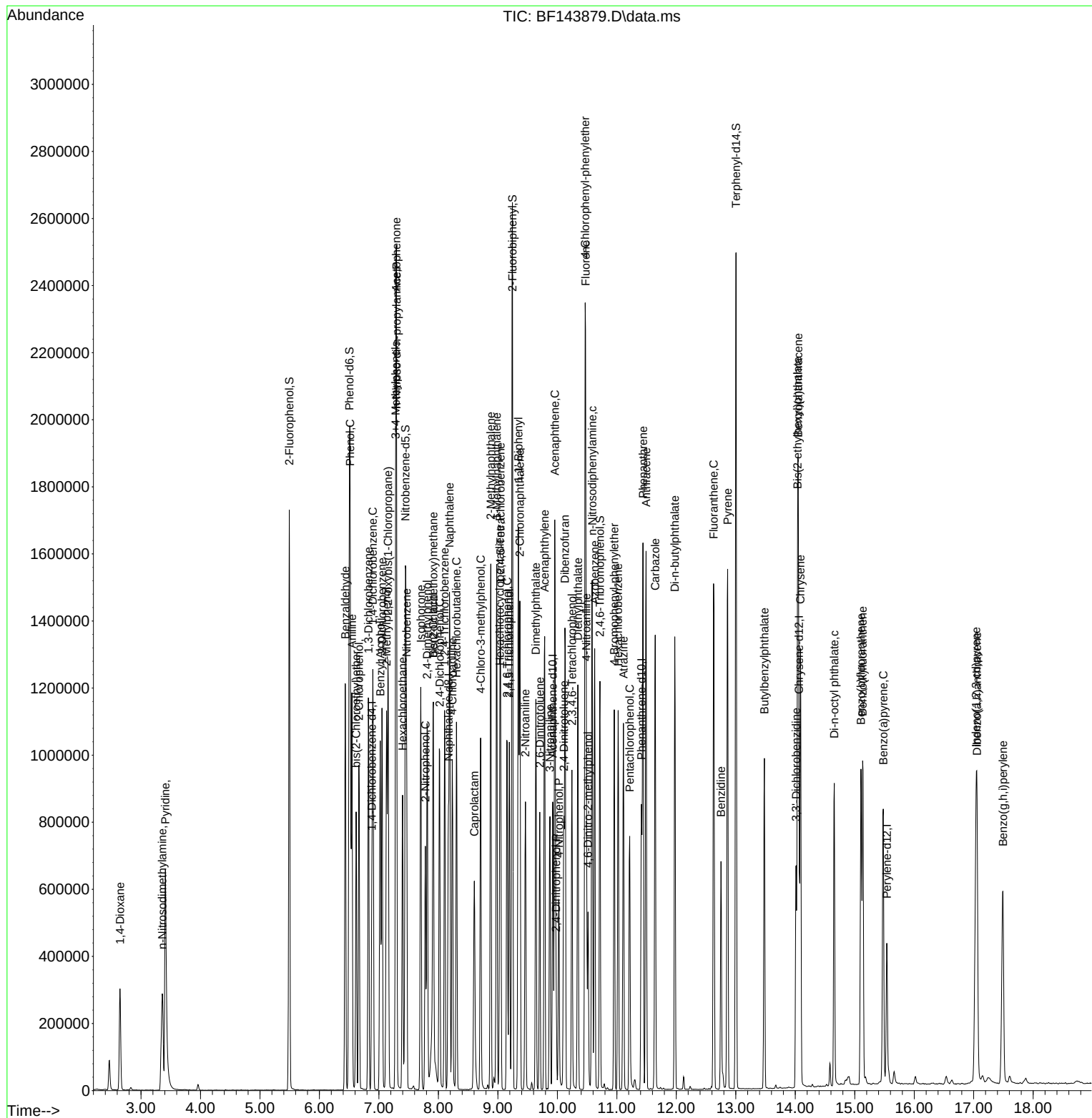
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Data File : BF143879.D  
Acq On    : 06 Oct 2025 12:54  
Operator   : RC/JU  
Sample     : SSTDICCC040  
Misc       :  
ALS Vial   : 6   Sample Multiplier: 1
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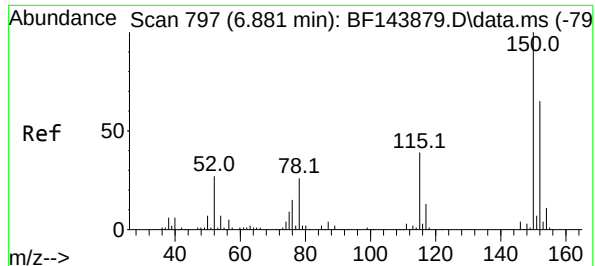
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jaagrut Upadhyay 10/07/2025

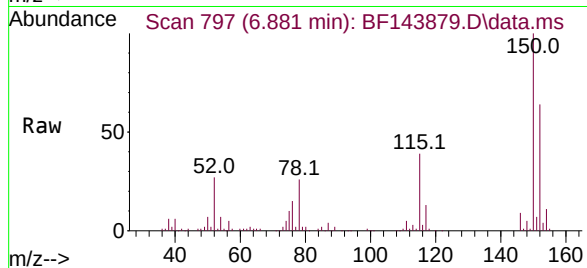
Quant Time: Oct 06 15:38:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

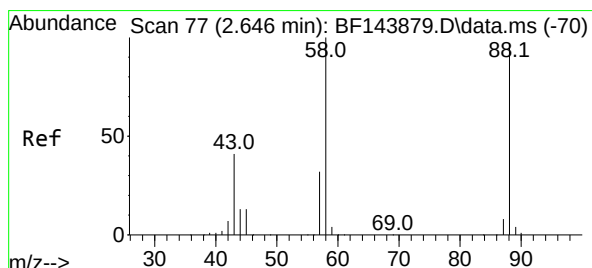
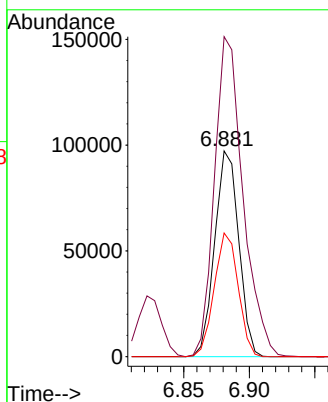
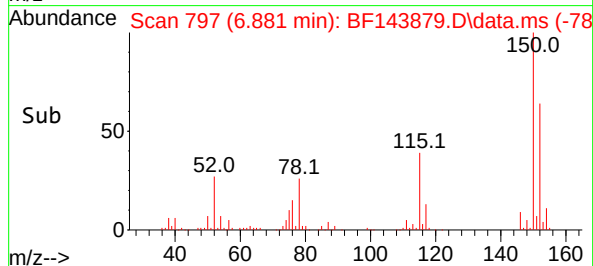
Instrument :
BNA_F
Client SampleId :
SSTDICCC040



Tgt Ion:152 Resp: 124152
Ion Ratio Lower Upper
152 100
150 155.5 124.4 186.6
115 60.1 48.1 72.1

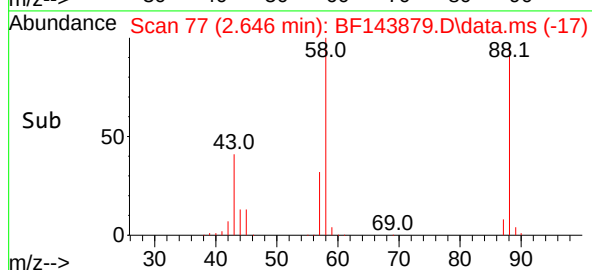
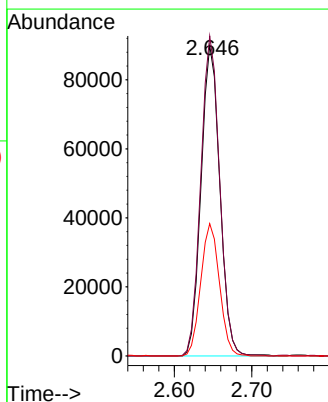
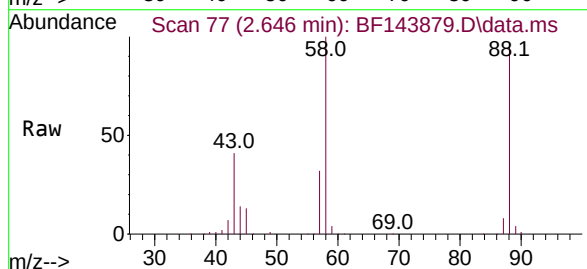
Manual Integrations
APPROVED

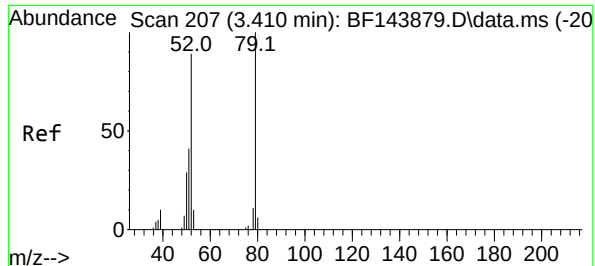
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#2
1,4-Dioxane
Concen: 41.781 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 88 Resp: 151157
Ion Ratio Lower Upper
88 100
58 103.8 83.0 124.6
43 42.4 33.9 50.9





#3

Pyridine

Concen: 41.775 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143879.D

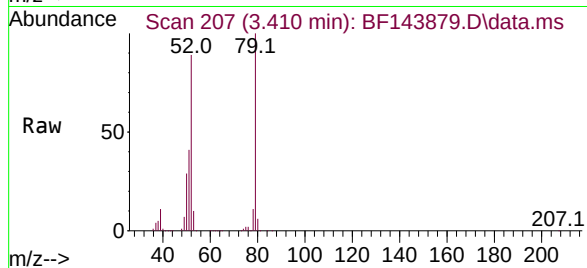
Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



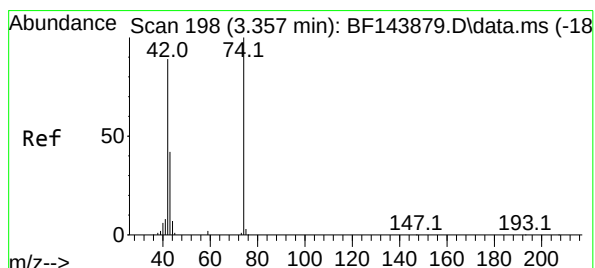
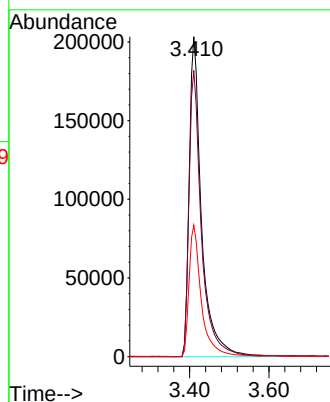
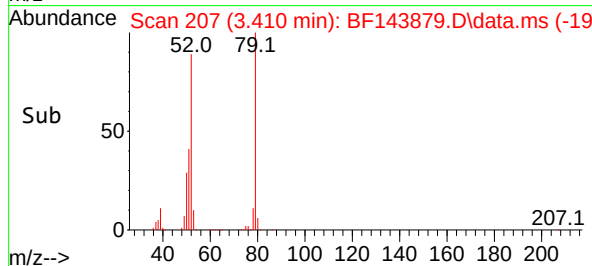
Tgt Ion	Ratio	Lower	Upper
79	100		
52	89.4	71.5	107.3
51	41.1	32.9	49.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

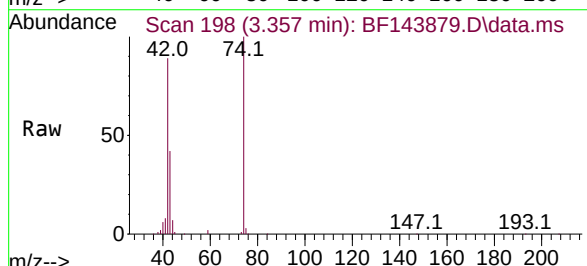
Concen: 40.760 ng

RT: 3.357 min Scan# 198

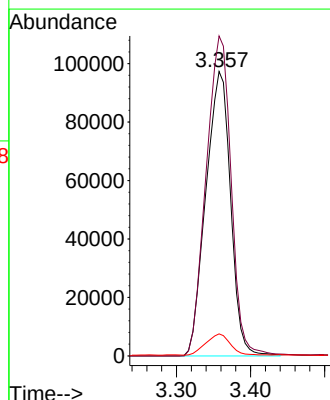
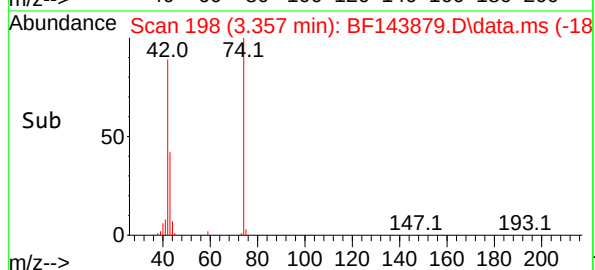
Delta R.T. -0.029 min

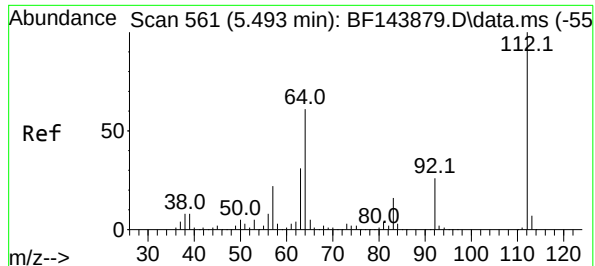
Lab File: BF143879.D

Acq: 06 Oct 2025 12:54



Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.5	90.0	135.0
44	7.7	6.2	9.2



#5
2-Fluorophenol

Concen: 83.027 ng

RT: 5.493 min Scan# 50

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:112 Resp: 64912

Ion Ratio Lower Upper

112 100

64 61.4 49.1 73.7

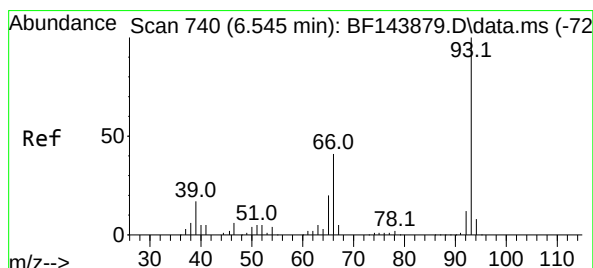
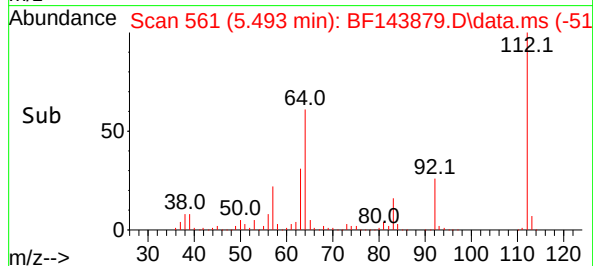
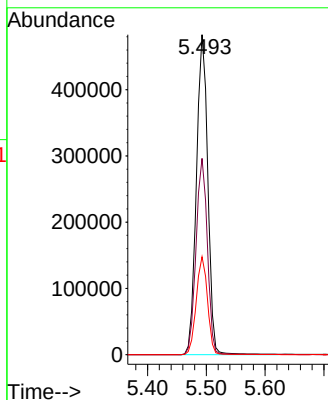
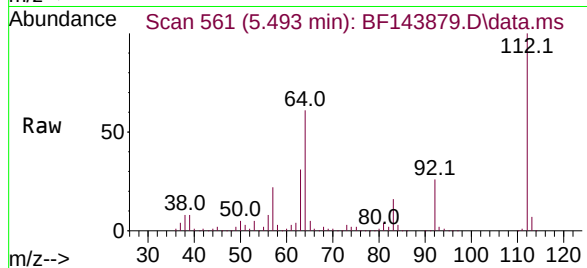
63 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#6

Aniline

Concen: 41.662 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

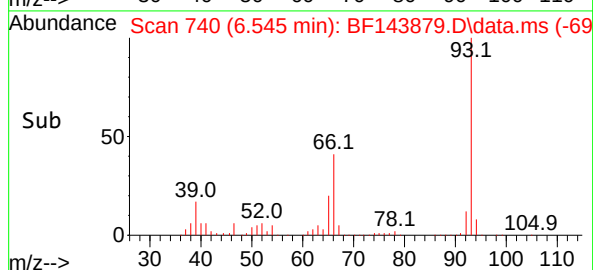
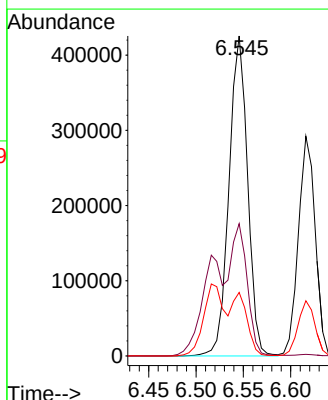
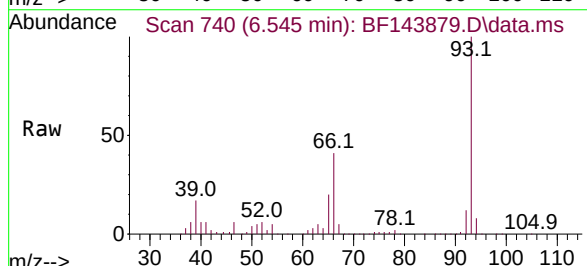
Tgt Ion: 93 Resp: 581779

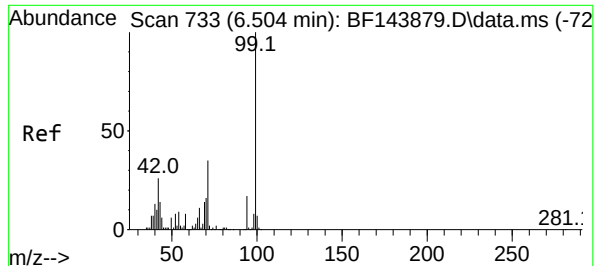
Ion Ratio Lower Upper

93 100

66 41.3 33.0 49.6

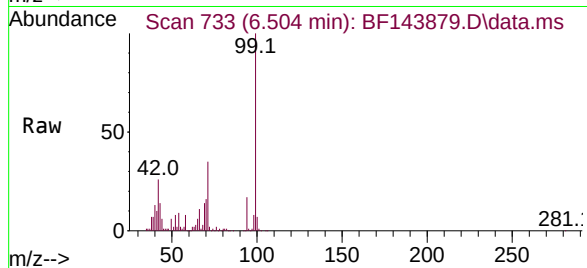
65 19.8 15.8 23.8





#7
Phenol-d6
Concen: 82.158 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

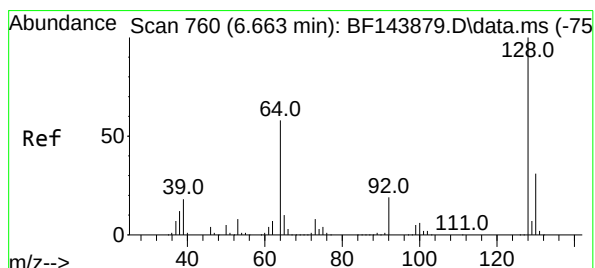
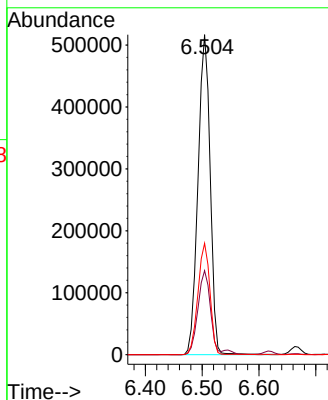
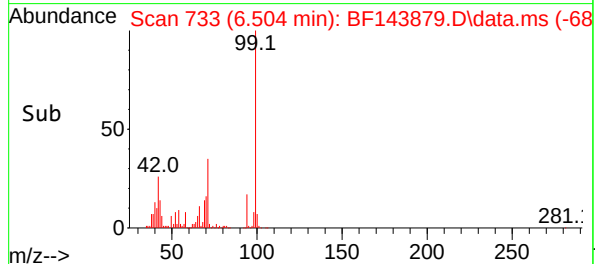
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



Tgt Ion: 99 Resp: 765629
Ion Ratio Lower Upper
99 100
42 26.2 21.0 31.4
71 34.8 27.8 41.8

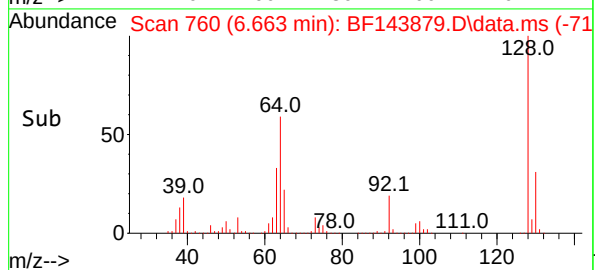
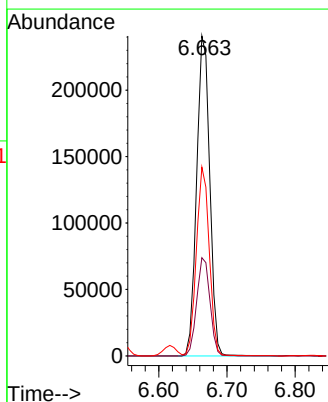
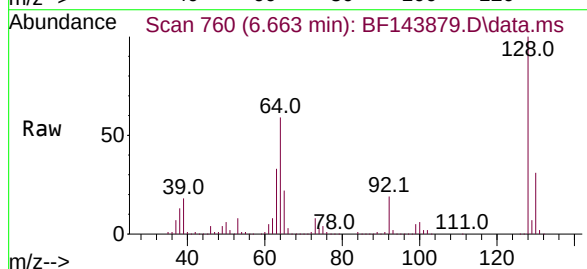
Manual Integrations
APPROVED

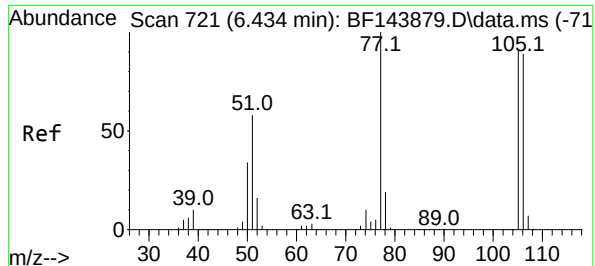
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#8
2-Chlorophenol
Concen: 42.055 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:128 Resp: 321394
Ion Ratio Lower Upper
128 100
130 30.7 10.7 50.7
64 59.0 39.0 79.0



#9
Benzaldehyde

Concen: 45.914 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 330062

Ion Ratio Lower Upper

77 100

105 90.9 70.9 110.9

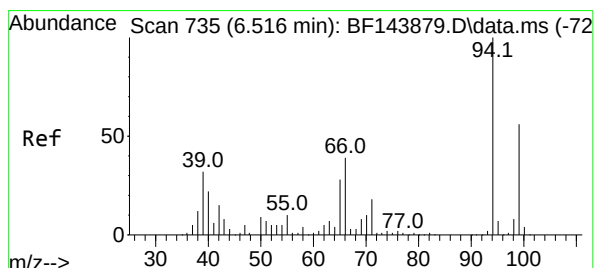
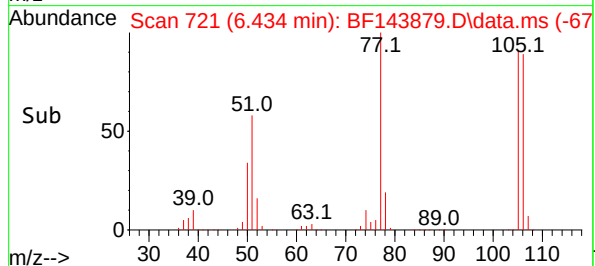
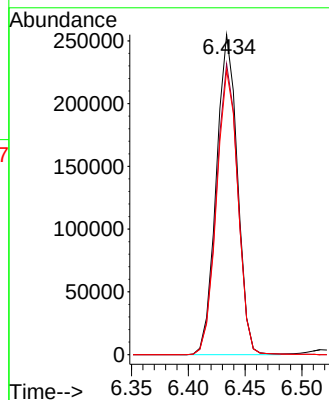
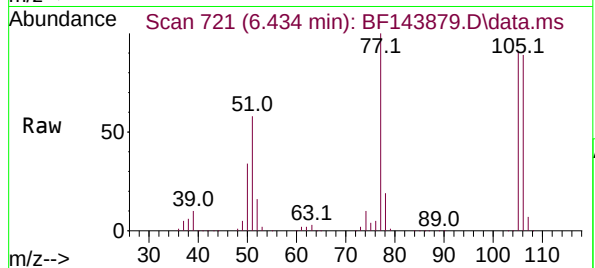
106 88.9 68.9 108.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 41.042 ng m

RT: 6.516 min Scan# 735

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

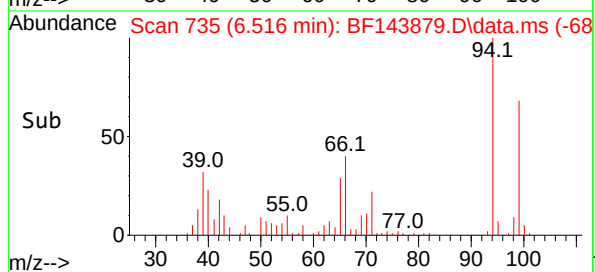
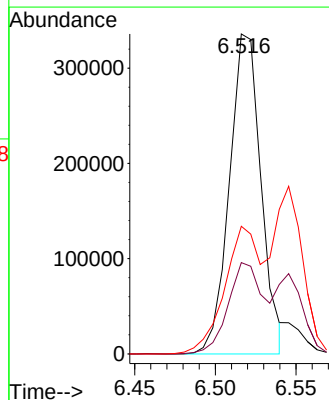
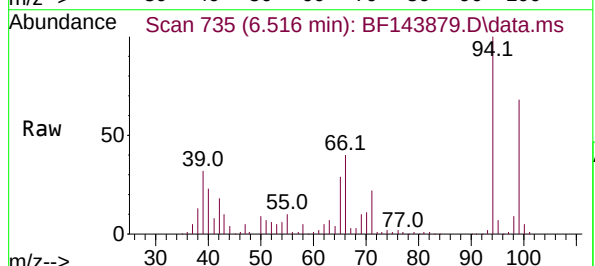
Tgt Ion: 94 Resp: 457250

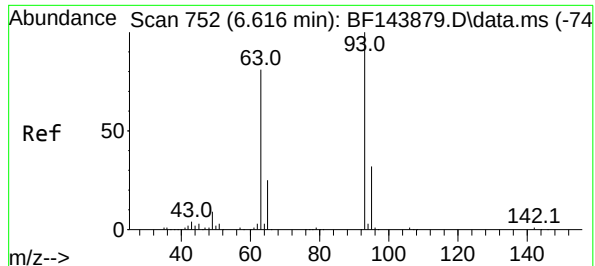
Ion Ratio Lower Upper

94 100

65 28.5 8.5 48.5

66 39.9 19.9 59.9





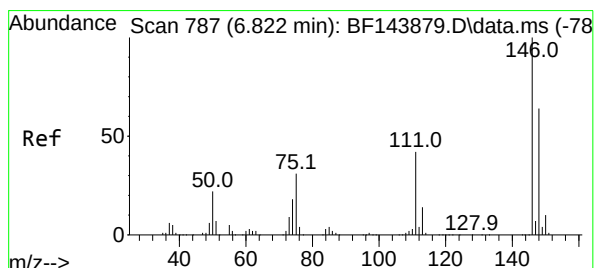
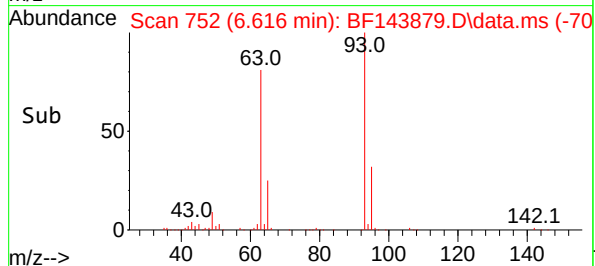
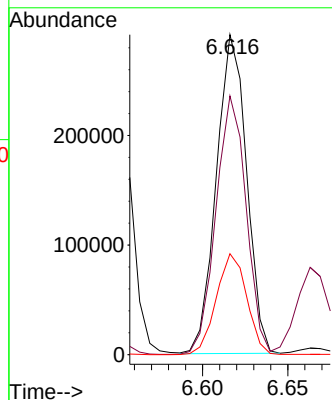
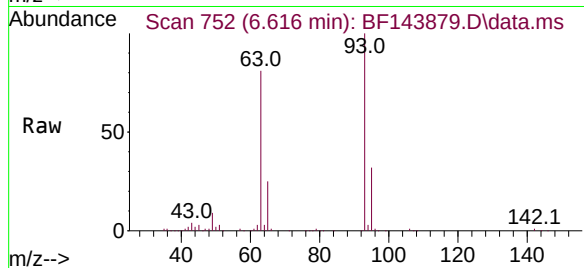
#11
bis(2-Chloroethyl)ether
Concen: 41.712 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 358980
Ion Ratio Lower Upper
93 100
63 80.9 60.9 100.9
95 31.5 11.5 51.5

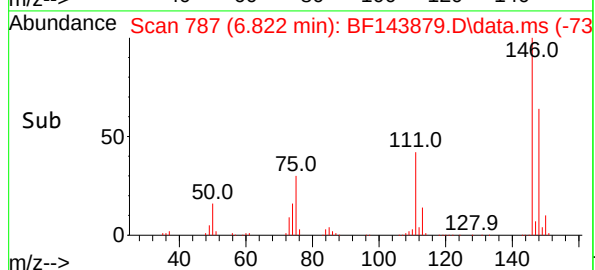
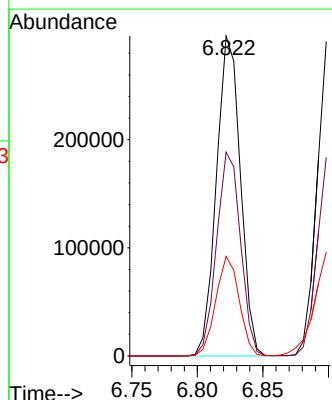
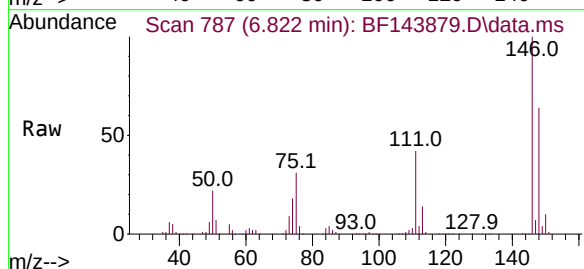
Manual Integrations
APPROVED

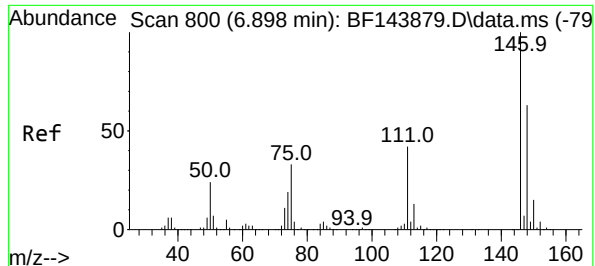
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#12
1,3-Dichlorobenzene
Concen: 41.141 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:146 Resp: 376359
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.1 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 41.238 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 372118

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

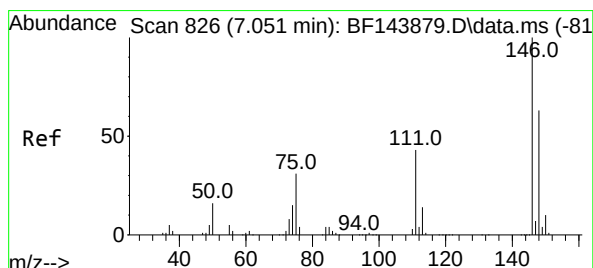
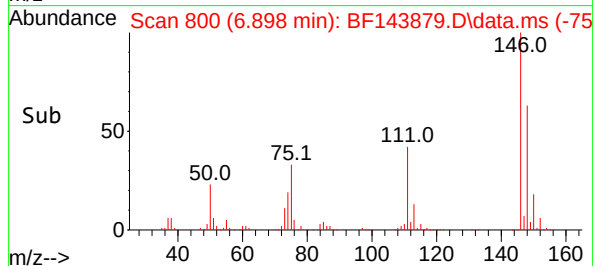
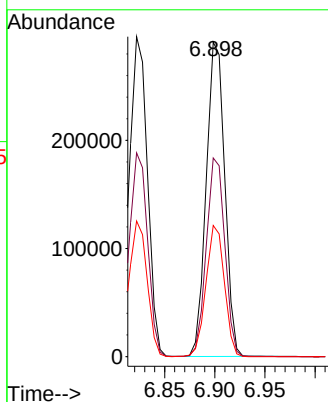
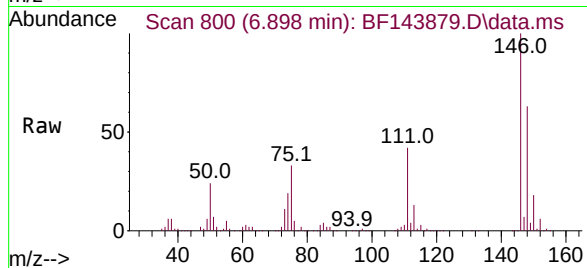
111 41.7 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 41.204 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

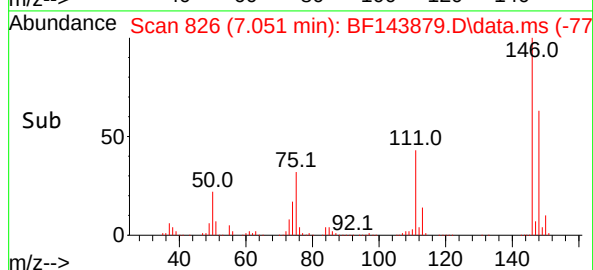
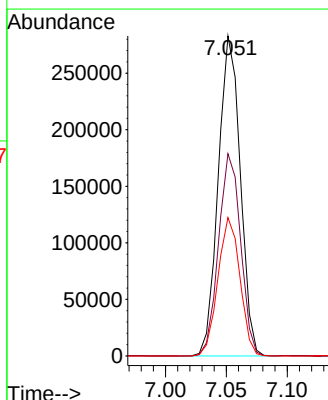
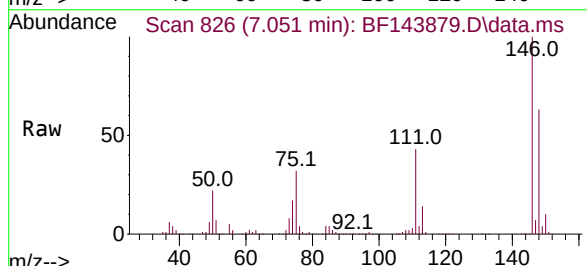
Tgt Ion:146 Resp: 356137

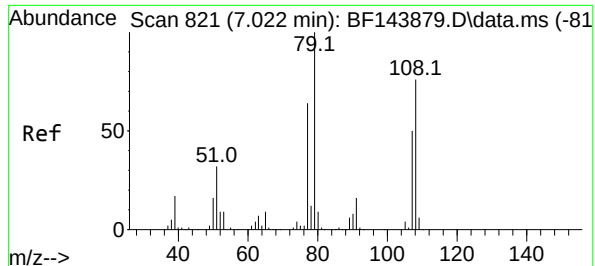
Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

111 43.2 34.6 51.8





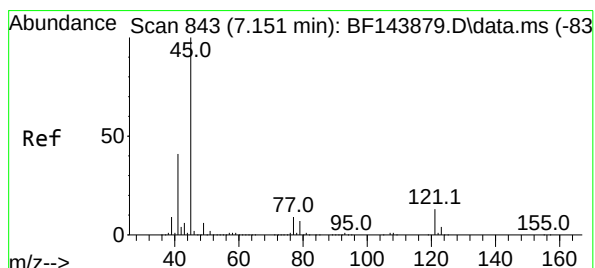
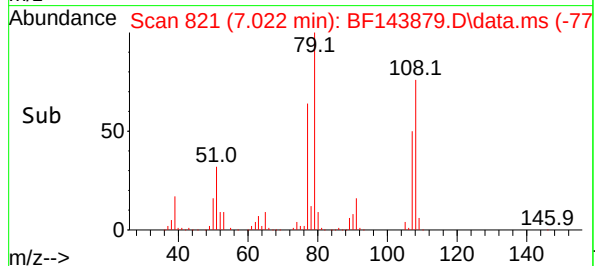
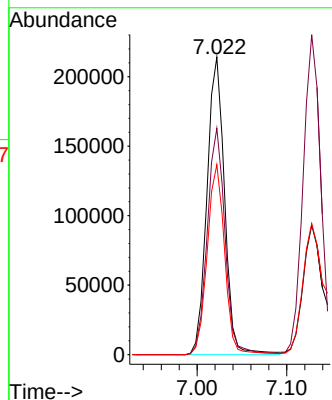
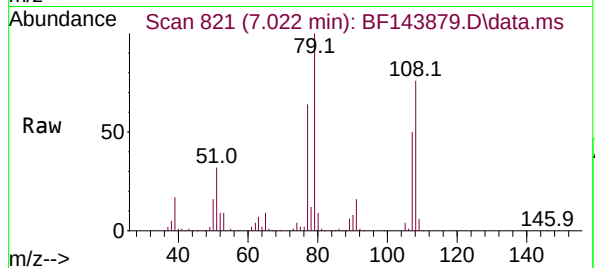
#15
Benzyl Alcohol
Concen: 41.707 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 291212
Ion Ratio Lower Upper
79 100
108 76.0 60.8 91.2
77 63.8 51.0 76.6

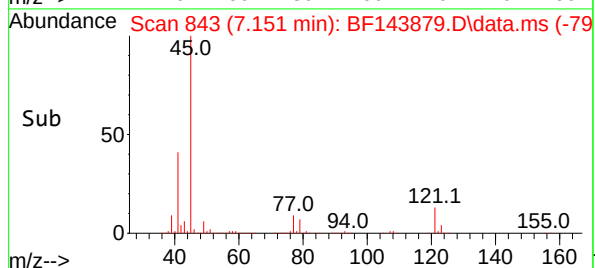
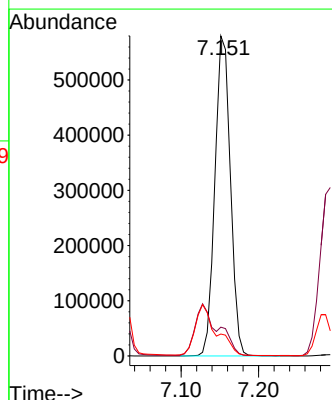
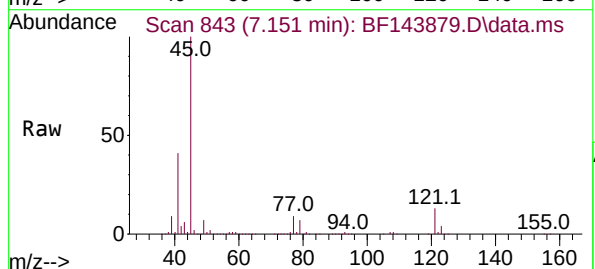
Manual Integrations
APPROVED

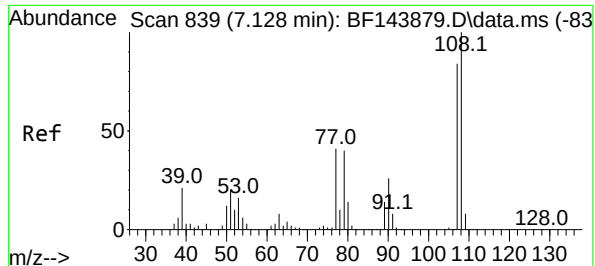
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.052 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

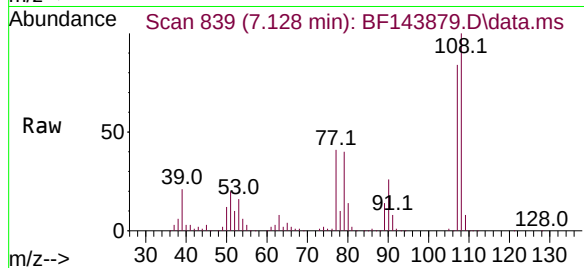
Tgt Ion: 45 Resp: 804199
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.8 0.0 26.8





#17
2-Methylphenol
Concen: 41.430 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

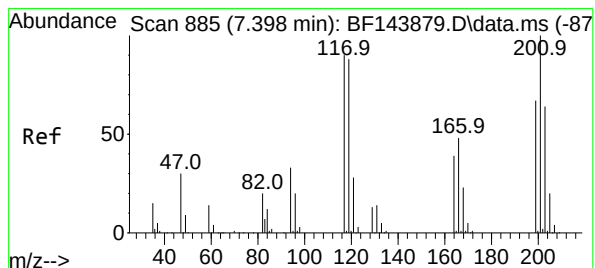
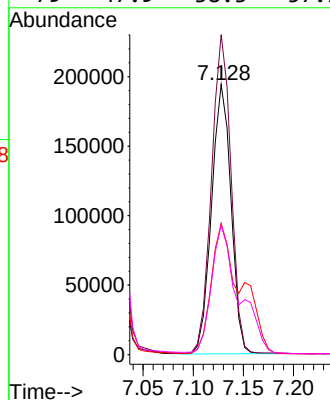
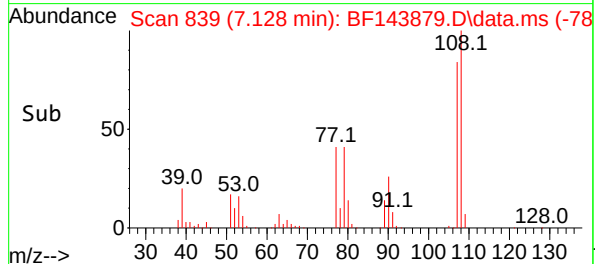
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:107 Resp: 261669
Ion Ratio Lower Upper
107 100
108 118.4 94.7 142.1
77 48.5 38.8 58.2
79 47.9 38.3 57.5

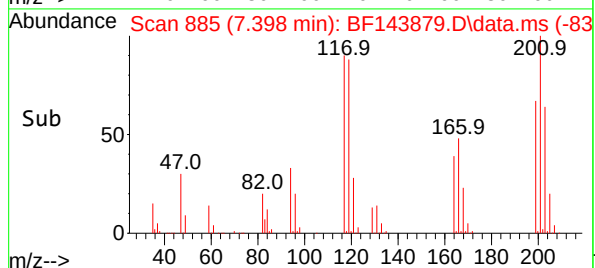
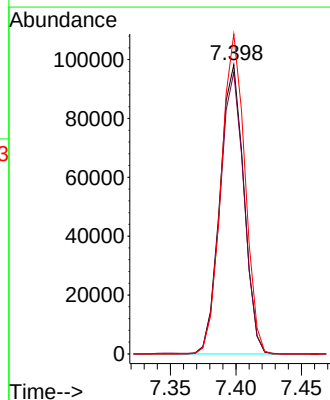
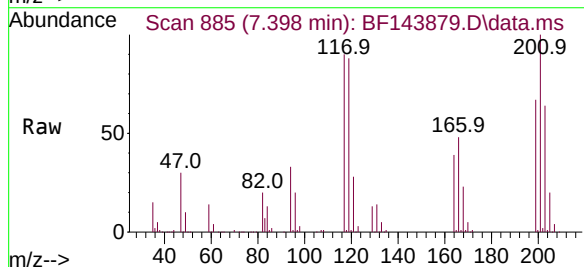
Manual Integrations
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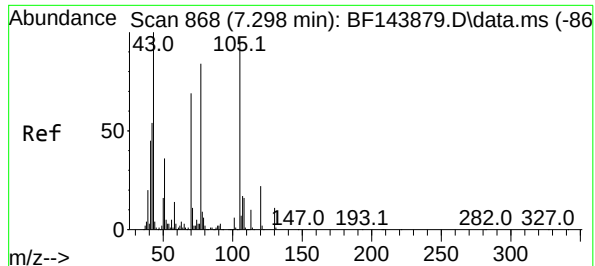
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#18
Hexachloroethane
Concen: 41.313 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:117 Resp: 124325
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8
201 110.6 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.929 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 25470

Ion Ratio Lower Upper

70 100

42 78.5 62.8 94.2

101 8.4 6.7 10.1

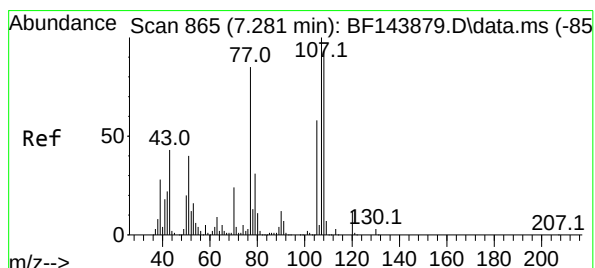
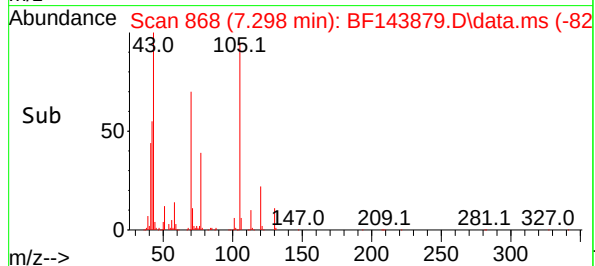
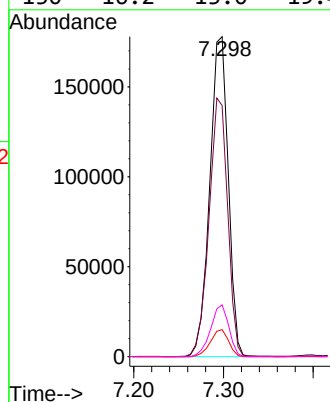
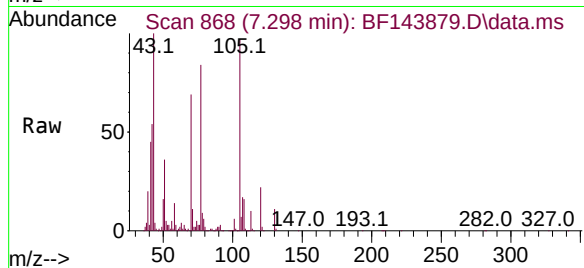
130 16.2 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 42.934 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:107 Resp: 314281

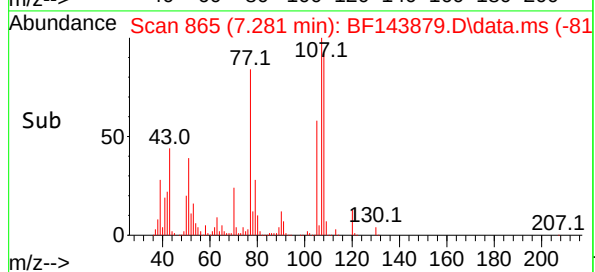
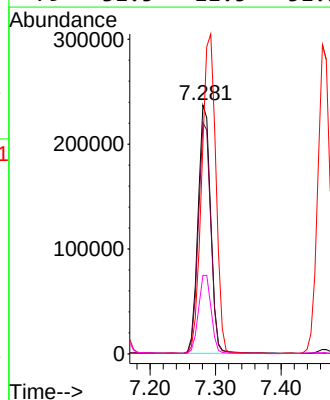
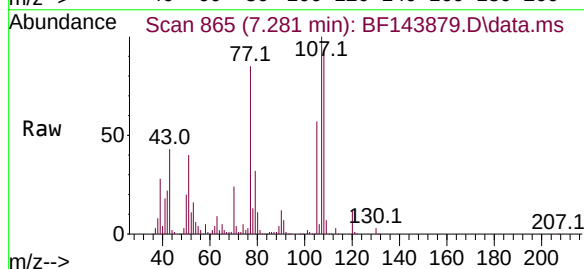
Ion Ratio Lower Upper

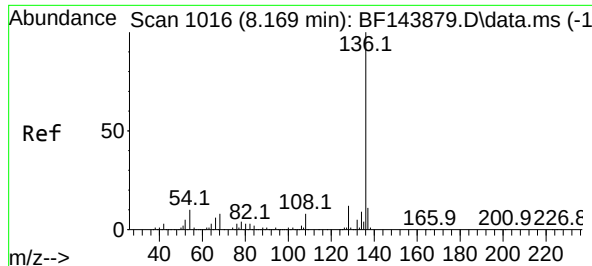
107 100

108 93.0 73.0 113.0

77 84.6 64.6 104.6

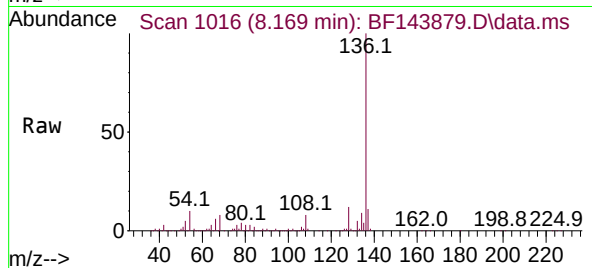
79 31.5 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

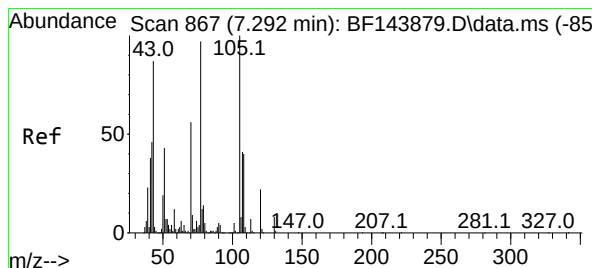
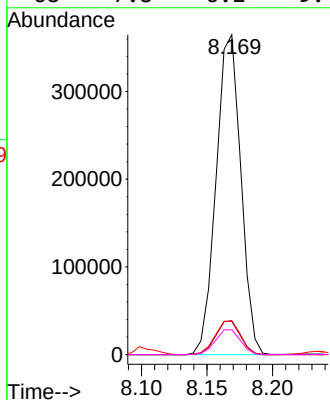
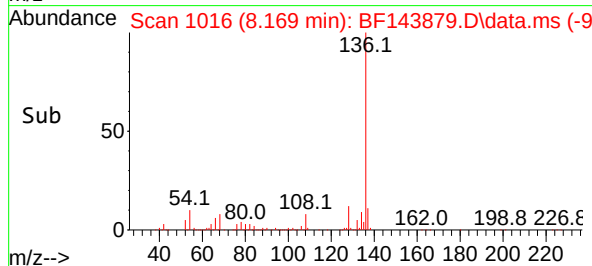
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 479933
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.3 8.2 12.4
68 7.8 6.2 9.4

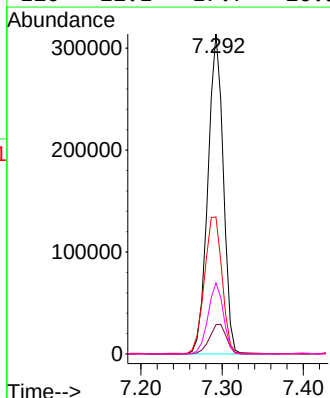
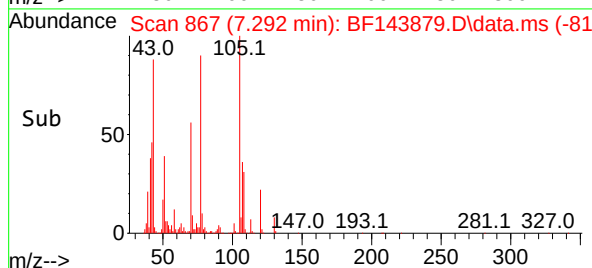
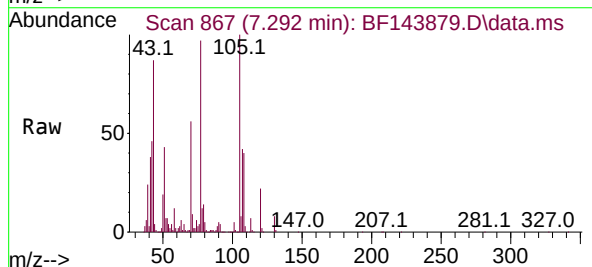
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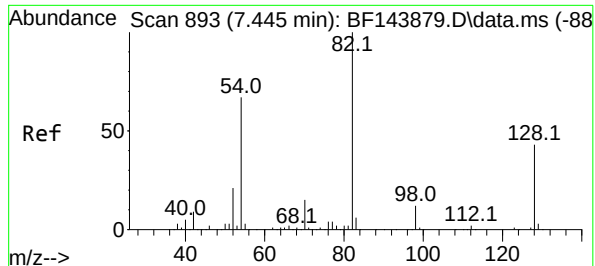
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#22
Acetophenone
Concen: 40.946 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:105 Resp: 415513
Ion Ratio Lower Upper
105 100
71 9.2 7.4 11.0
51 42.8 34.2 51.4
120 22.1 17.7 26.5





#23

Nitrobenzene-d5

Concen: 83.898 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 662754

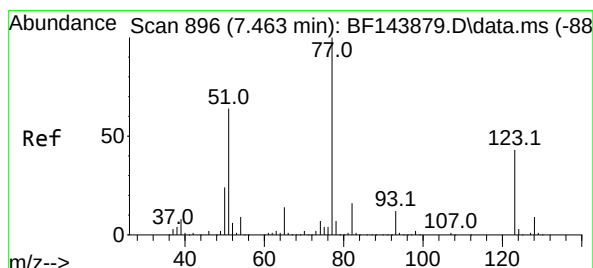
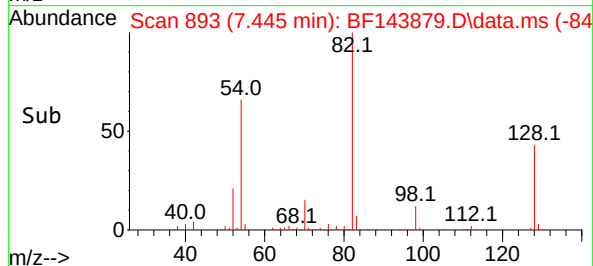
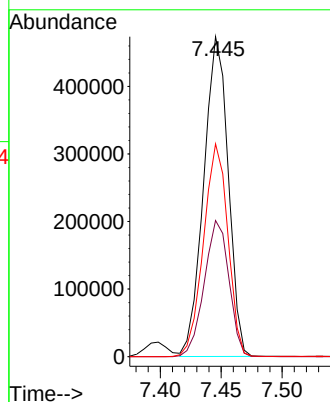
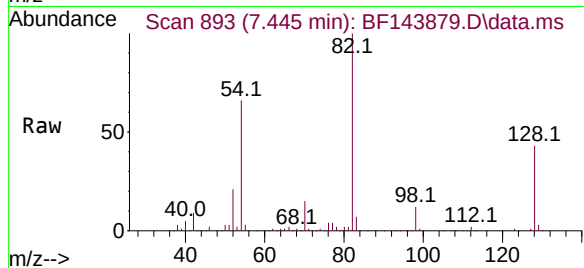
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	66.5	53.2	79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 42.828 ng

RT: 7.463 min Scan# 896

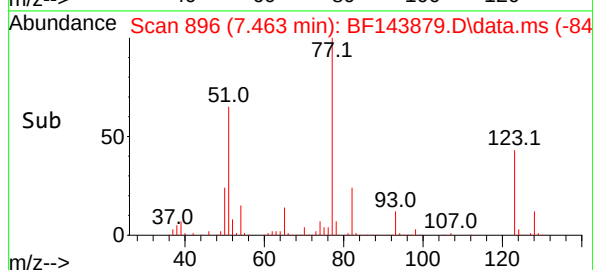
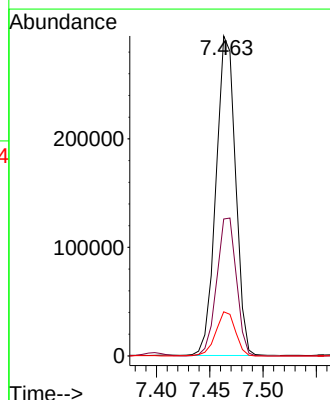
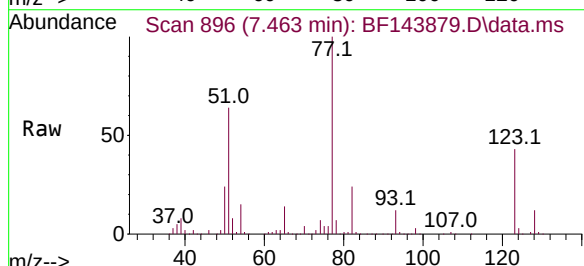
Delta R.T. -0.012 min

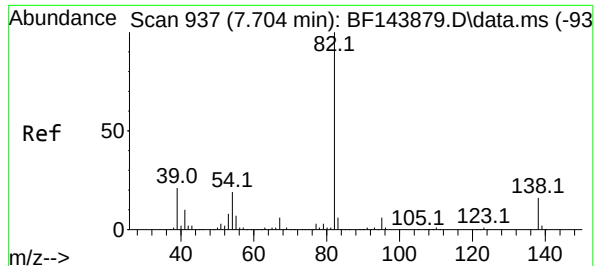
Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion: 77 Resp: 375708

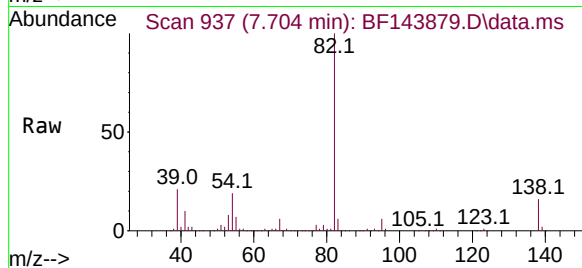
Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.2	51.4
65	13.8	11.0	16.6





#25
Isophorone
Concen: 40.645 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

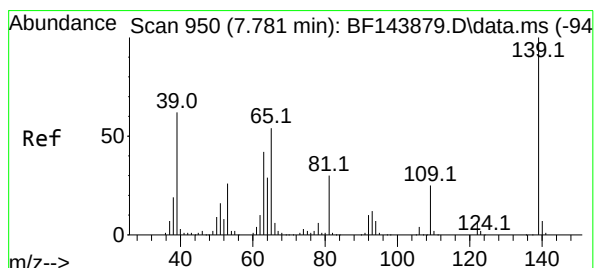
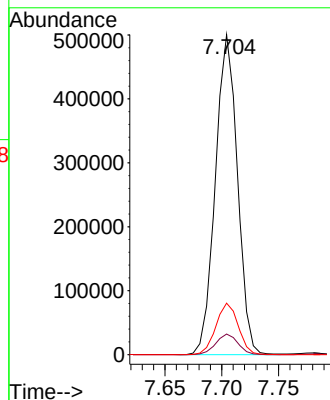
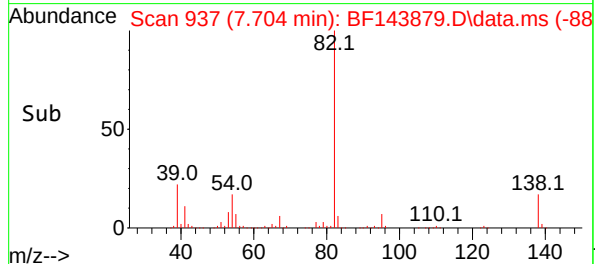
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



Tgt Ion: 82 Resp: 67700
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 16.1 12.9 19.3

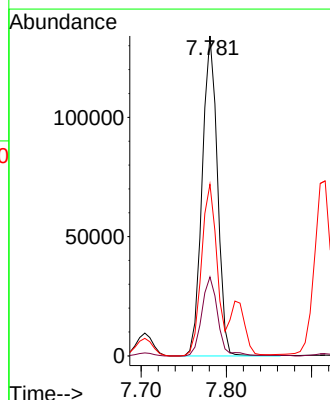
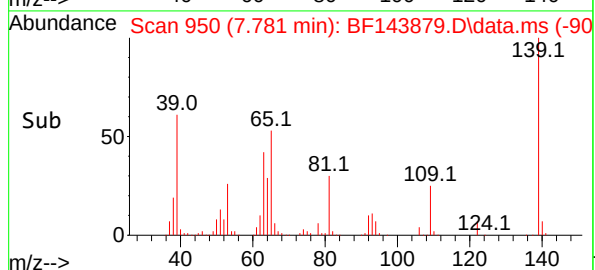
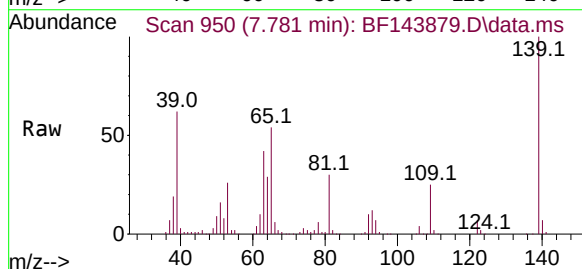
Manual Integrations
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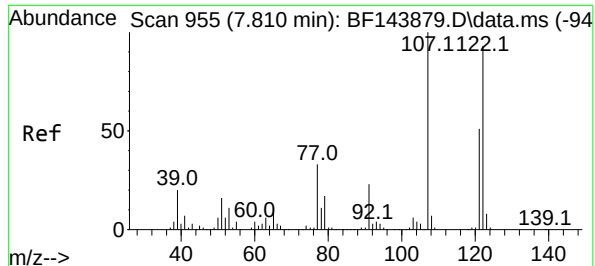
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#26
2-Nitrophenol
Concen: 44.428 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:139 Resp: 167096
Ion Ratio Lower Upper
139 100
109 24.7 19.8 29.6
65 53.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 41.818 ng

RT: 7.810 min Scan# 955

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 282923

Ion Ratio Lower Upper

122 100

107 107.6 86.1 129.1

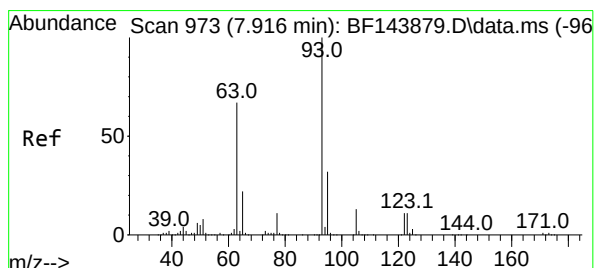
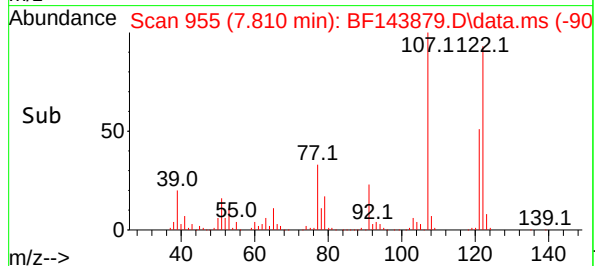
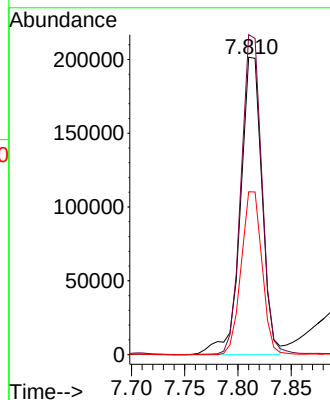
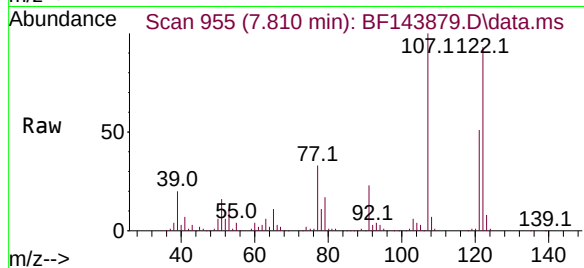
121 54.7 43.8 65.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.486 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

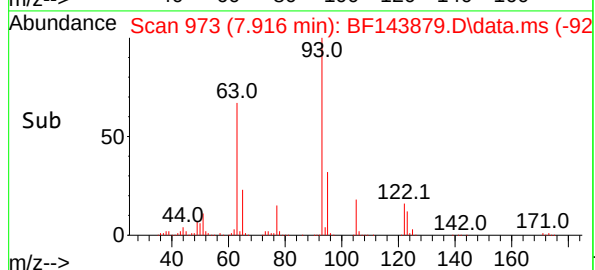
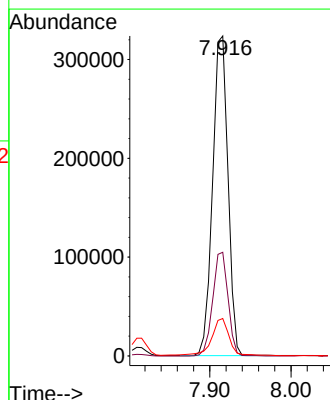
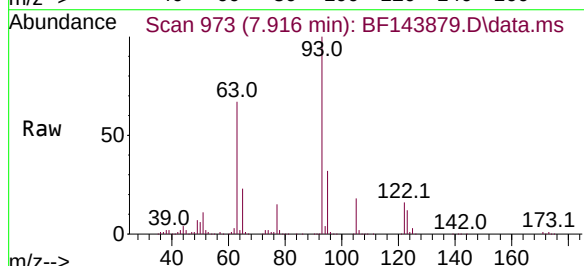
Tgt Ion: 93 Resp: 425986

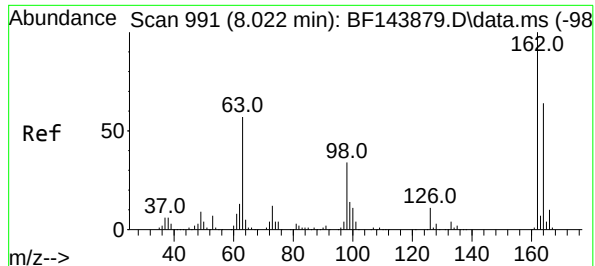
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.782 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

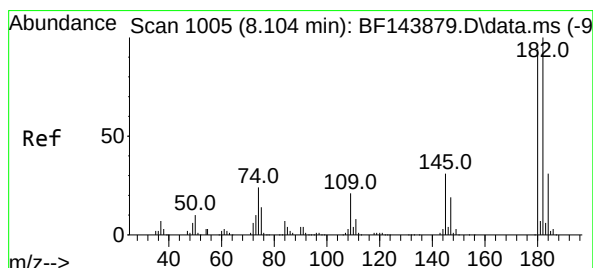
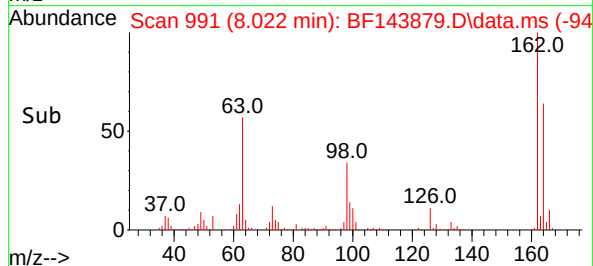
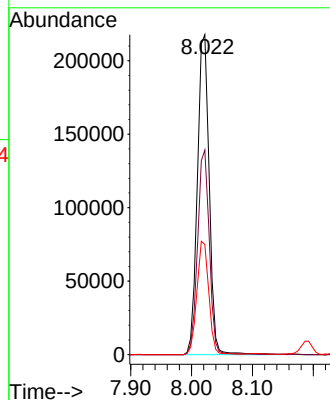
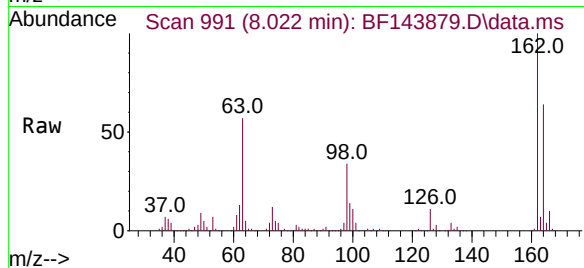
Tgt Ion:162 Resp: 294452

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.9	83.9
98	34.4	14.4	54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.312 ng

RT: 8.104 min Scan# 1005

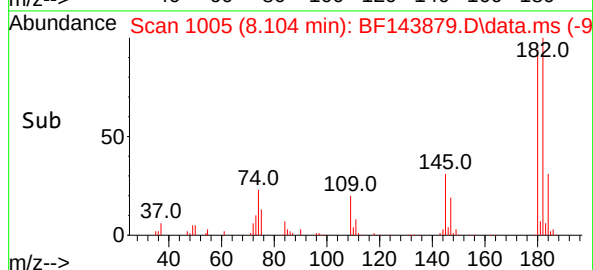
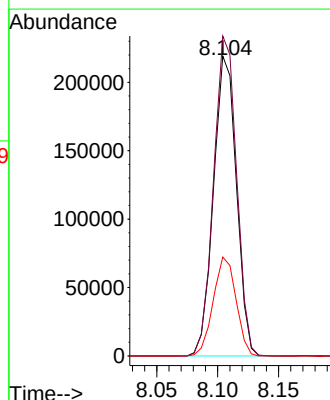
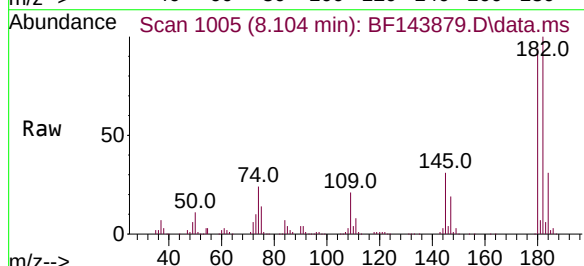
Delta R.T. -0.006 min

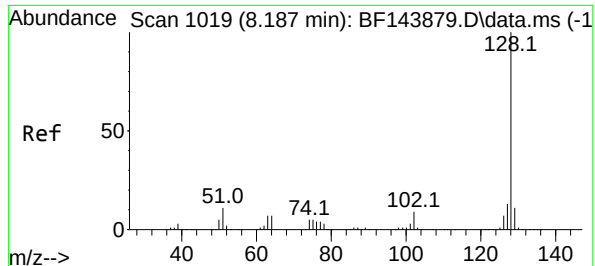
Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:180 Resp: 286330

Ion	Ratio	Lower	Upper
180	100		
182	106.7	85.4	128.0
145	32.9	26.3	39.5





#31

Naphthalene

Concen: 40.961 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:128 Resp: 894263

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

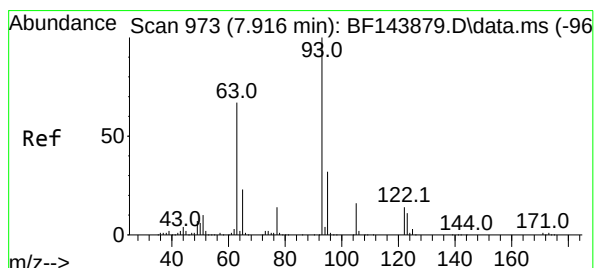
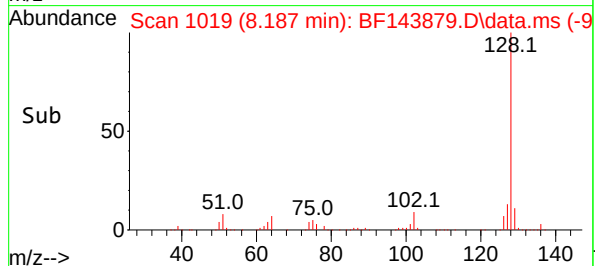
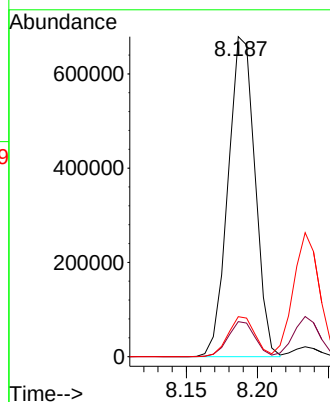
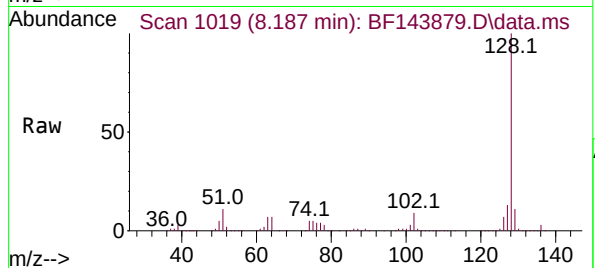
127 12.5 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 42.630 ng m

RT: 7.916 min Scan# 973

Delta R.T. -0.047 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

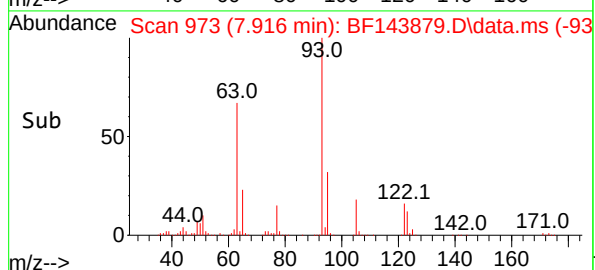
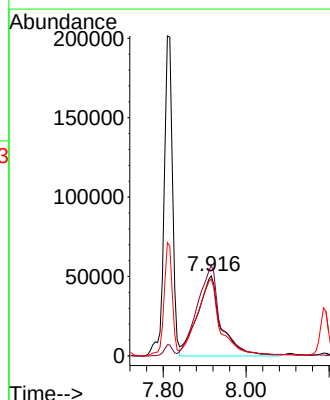
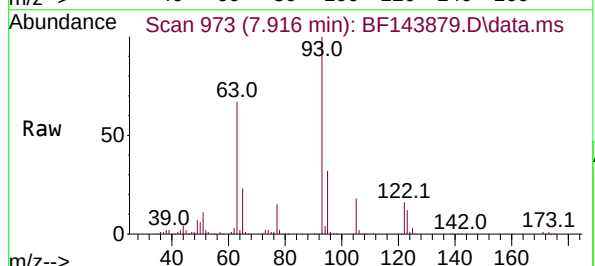
Tgt Ion:122 Resp: 199609

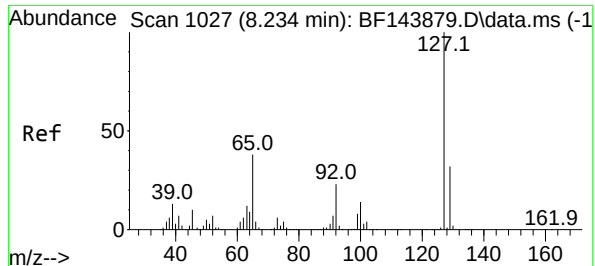
Ion Ratio Lower Upper

122 100

105 113.5 93.5 133.5

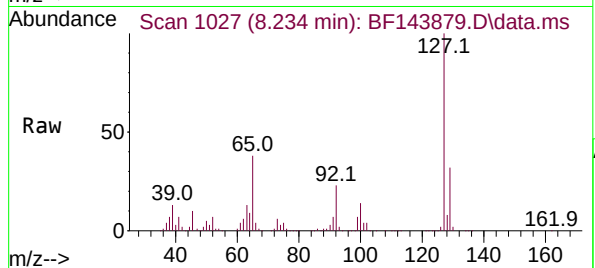
77 96.3 76.3 116.3





#33
4-Chloroaniline
Concen: 41.630 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

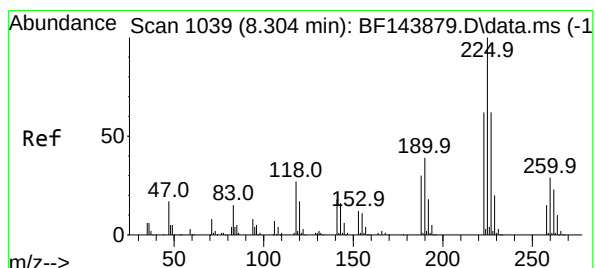
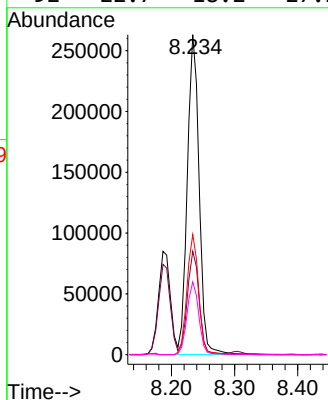
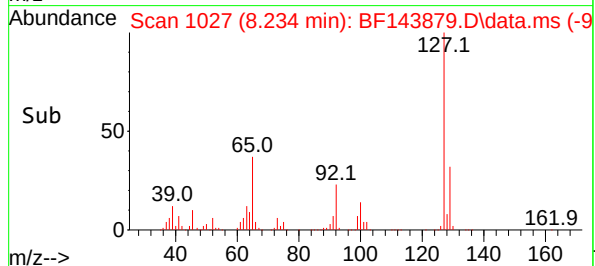
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 340866
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8
65 37.5 30.0 45.0
92 22.7 18.2 27.2

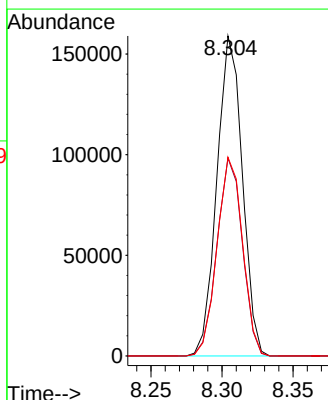
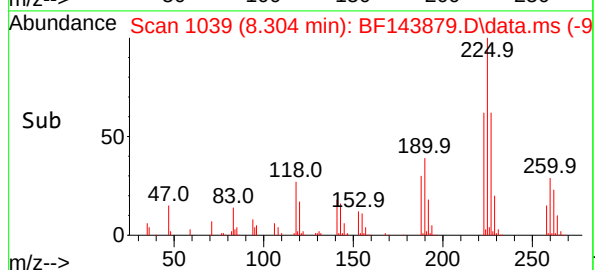
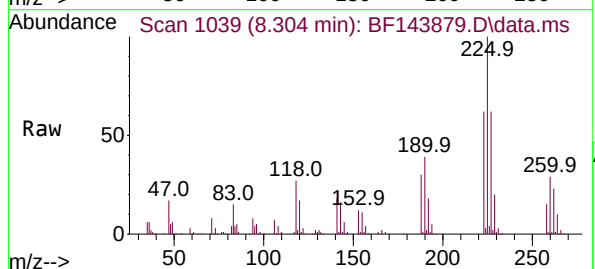
Manual Integrations
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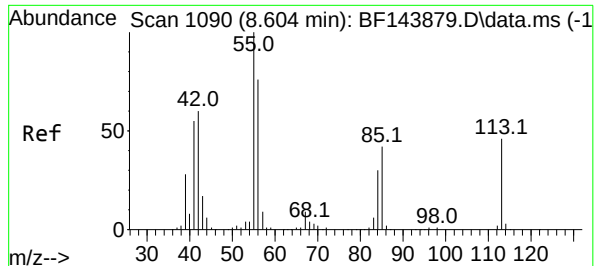
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#34
Hexachlorobutadiene
Concen: 41.170 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

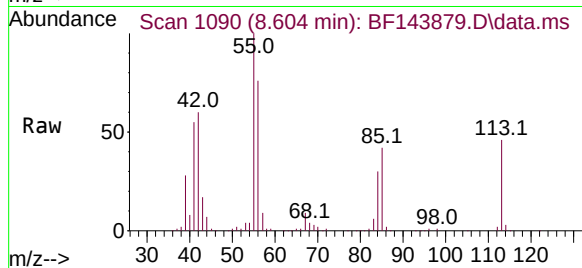
Tgt Ion:225 Resp: 198282
Ion Ratio Lower Upper
225 100
223 61.8 49.4 74.2
227 62.1 49.7 74.5





#35
Caprolactam
Concen: 40.816 ng
RT: 8.604 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

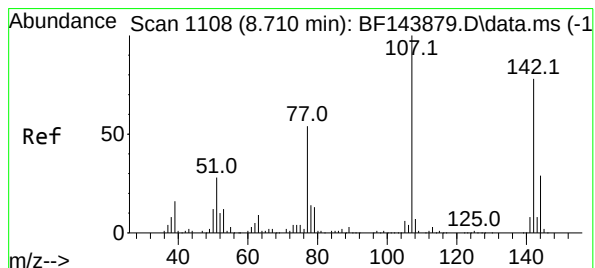
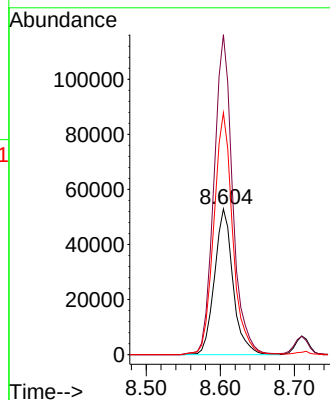
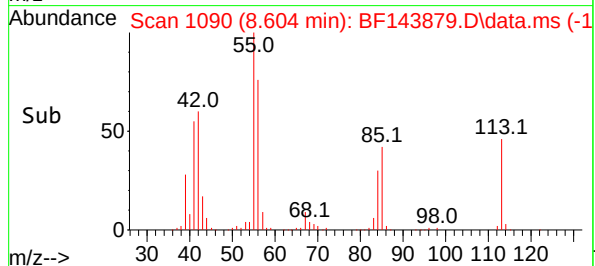
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 91458
Ion Ratio Lower Upper
113 100
55 219.6 199.6 239.6
56 166.0 146.0 186.0

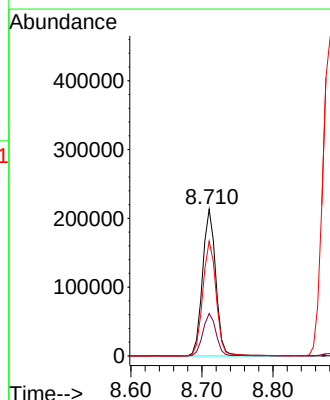
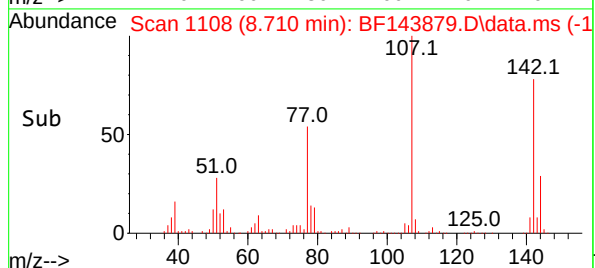
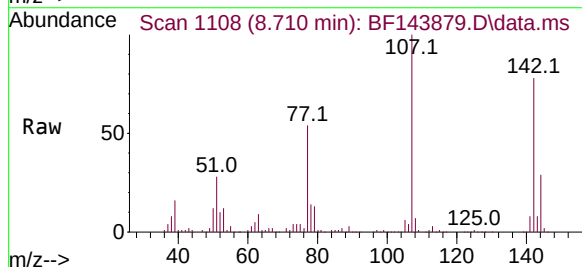
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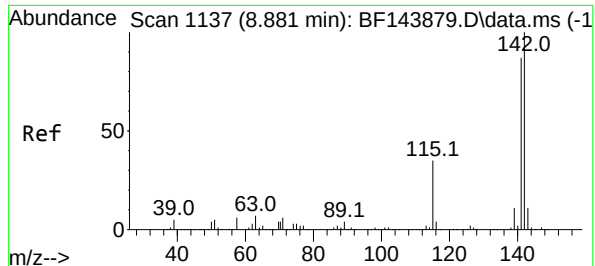
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#36
4-Chloro-3-methylphenol
Concen: 40.758 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:107 Resp: 275908
Ion Ratio Lower Upper
107 100
144 28.9 23.1 34.7
142 78.3 62.6 94.0





#37

2-Methylnaphthalene

Concen: 40.669 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 591428

Ion Ratio Lower Upper

142 100

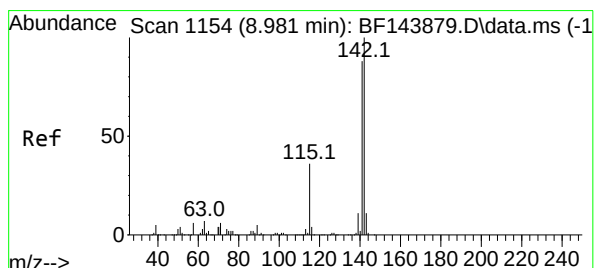
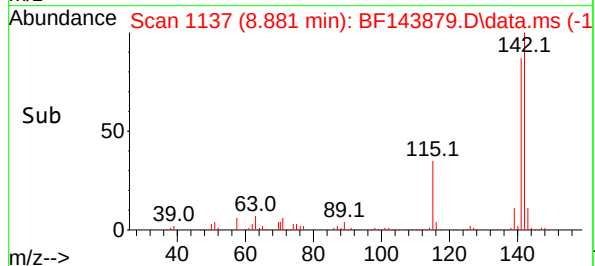
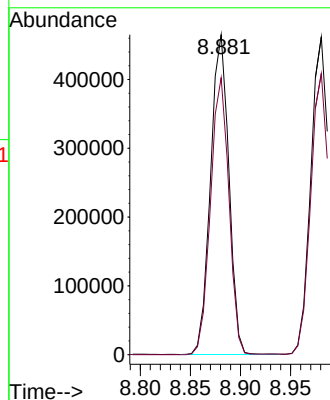
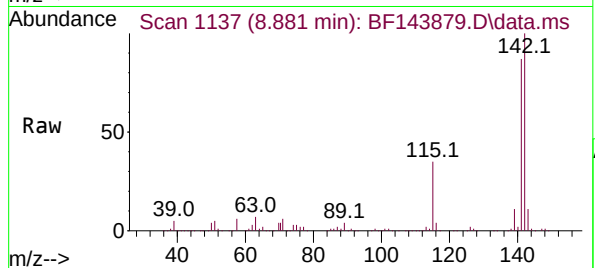
141 86.5 69.2 103.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 41.196 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143879.D

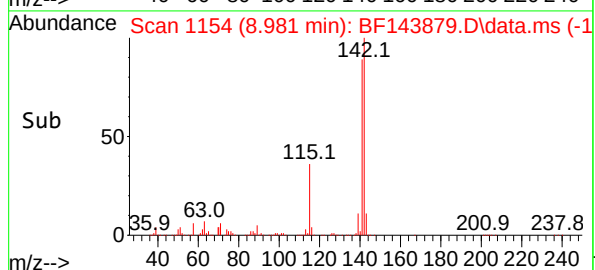
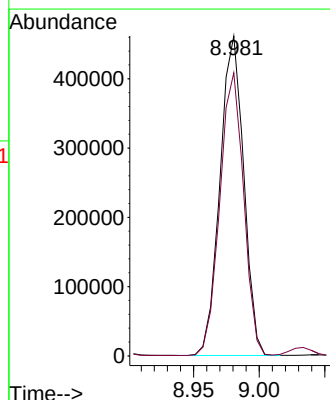
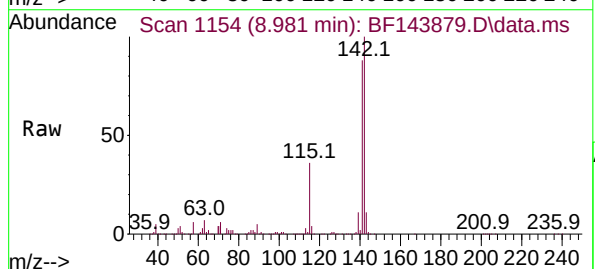
Acq: 06 Oct 2025 12:54

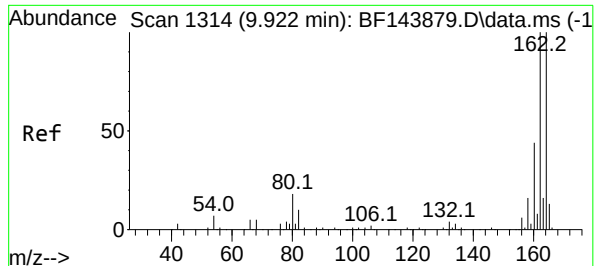
Tgt Ion:142 Resp: 581114

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:164 Resp: 260024

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

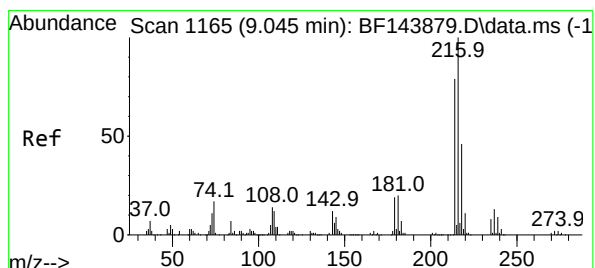
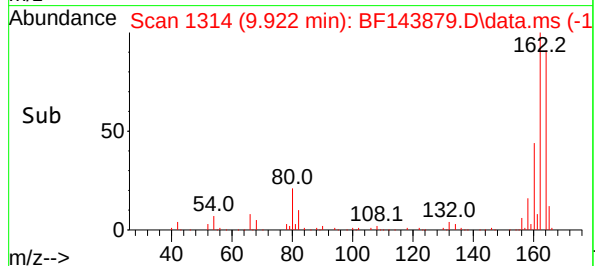
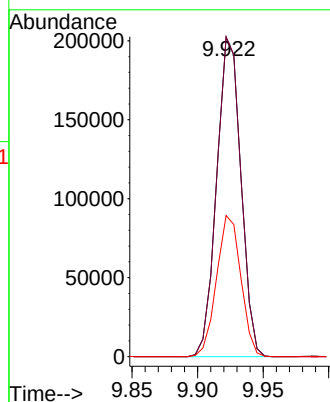
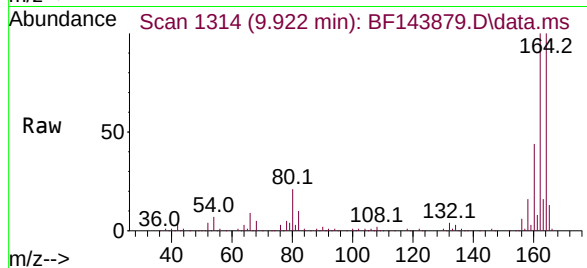
160 44.2 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.665 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:216 Resp: 306622

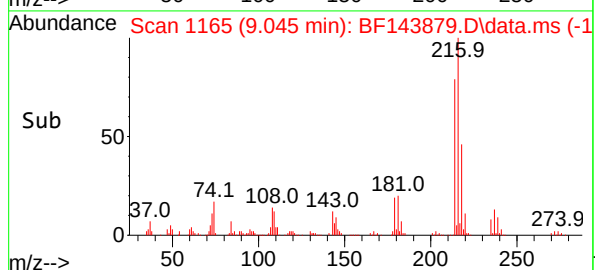
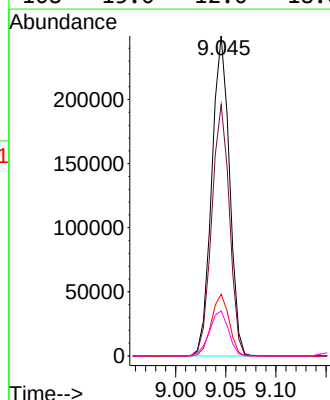
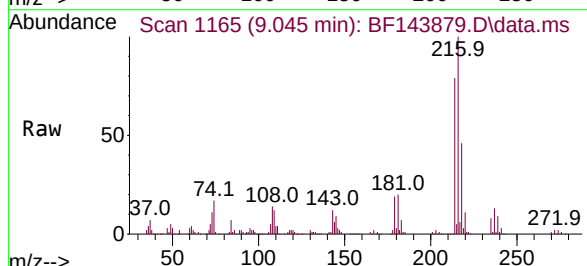
Ion Ratio Lower Upper

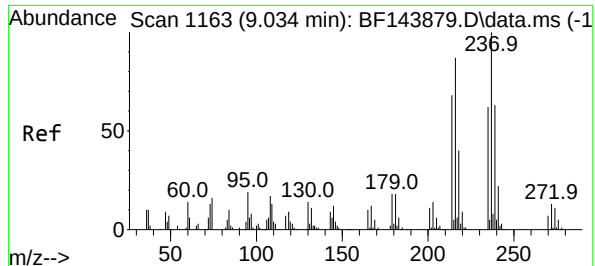
216 100

214 78.3 62.6 94.0

179 19.2 15.4 23.0

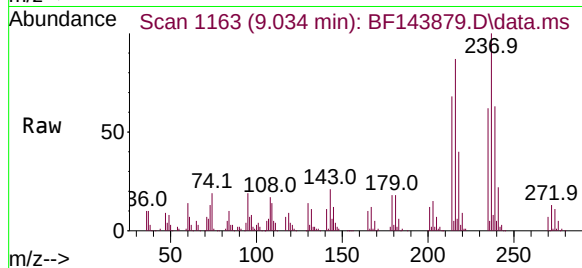
108 15.0 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 44.842 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

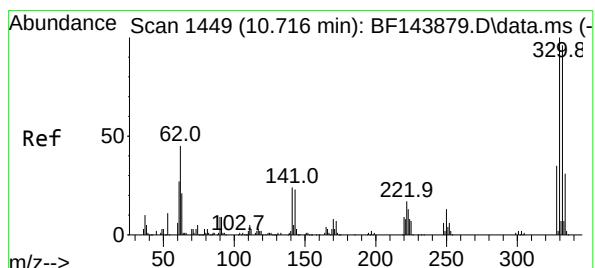
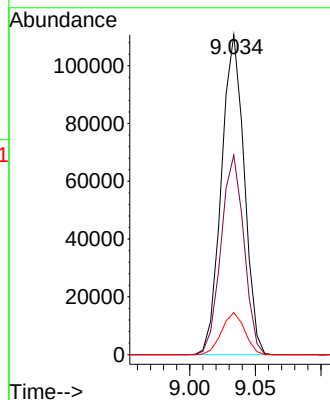
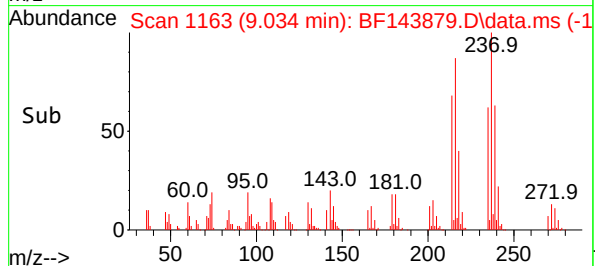
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



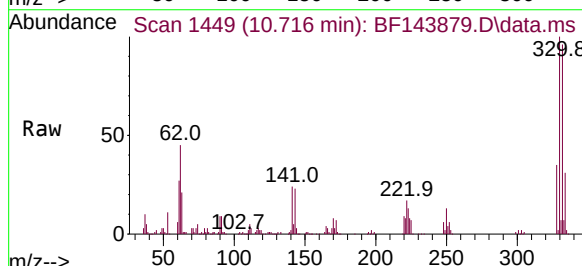
Tgt Ion: 237 Resp: 133694
Ion Ratio Lower Upper
237 100
235 62.3 42.3 82.3
272 13.1 0.0 33.1

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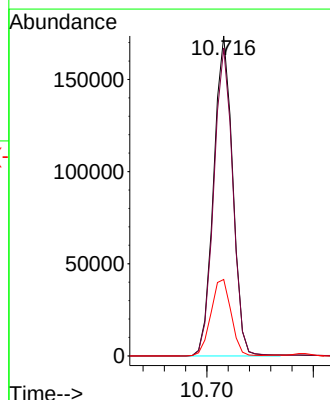
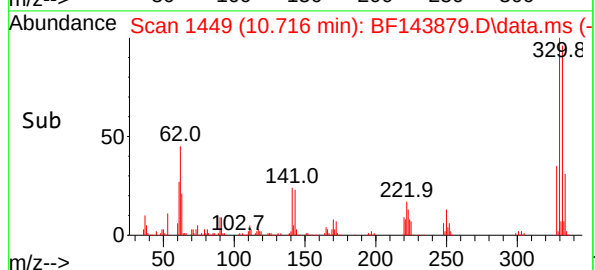
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

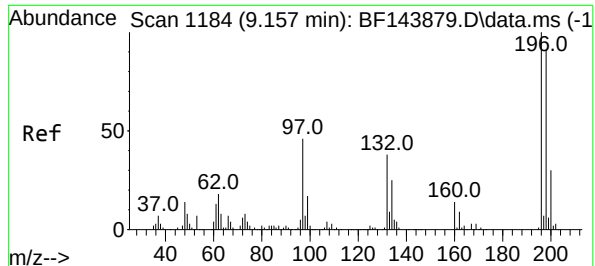


#42
2,4,6-Tribromophenol
Concen: 83.200 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



Tgt Ion: 330 Resp: 215478
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 25.3 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 44.081 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 231469

Ion Ratio Lower Upper

196 100

198 91.0 72.8 109.2

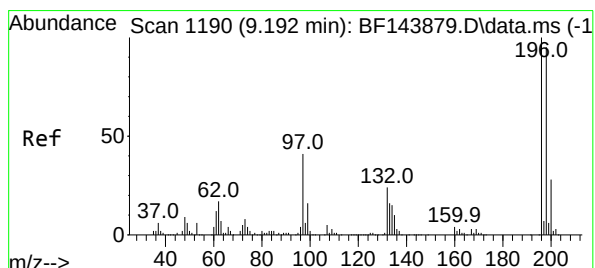
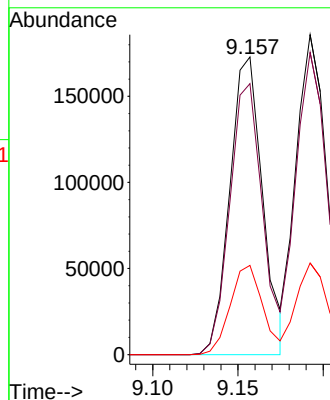
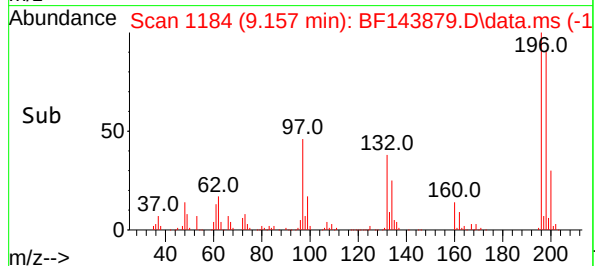
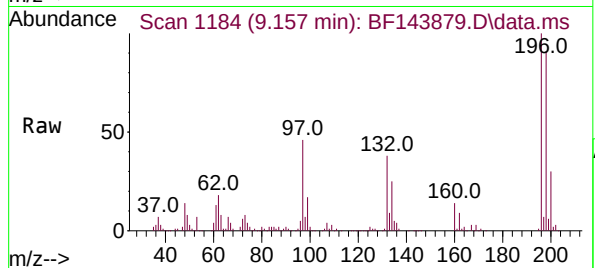
200 30.0 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

Concen: 42.739 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:196 Resp: 237161

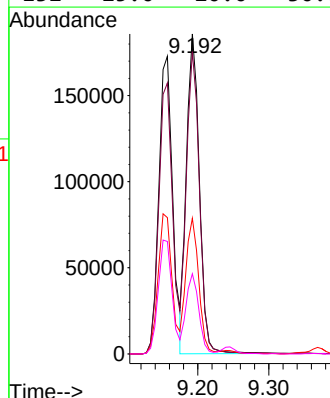
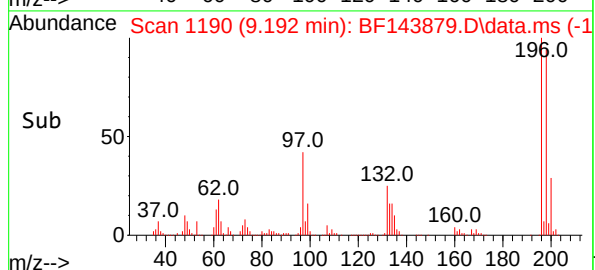
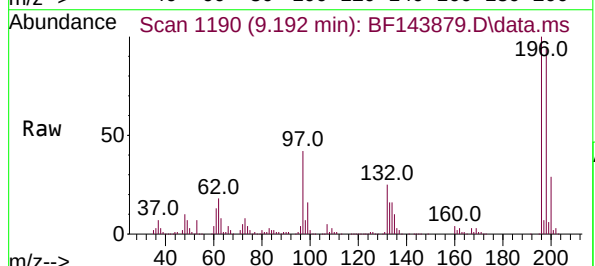
Ion Ratio Lower Upper

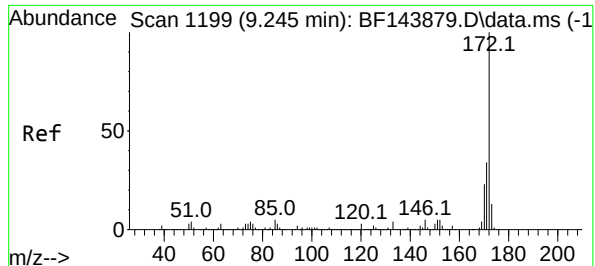
196 100

198 94.4 75.5 113.3

97 42.4 33.9 50.9

132 25.0 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 77.695 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 1273210

Ion Ratio Lower Upper

172 100

171 34.2 27.4 41.0

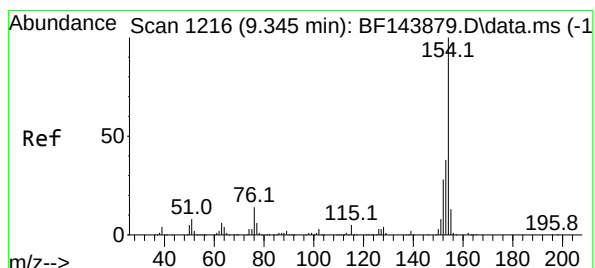
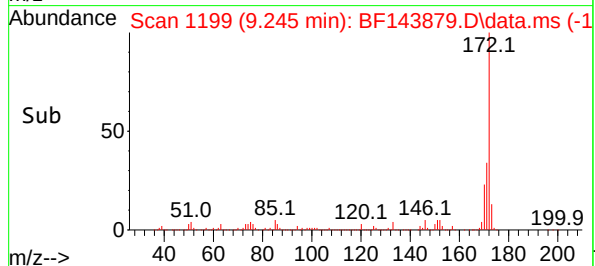
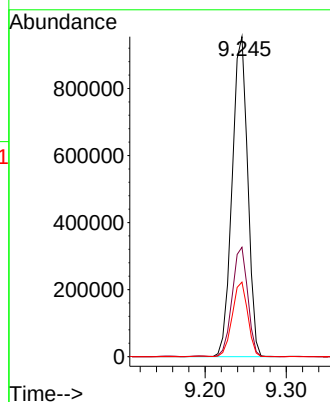
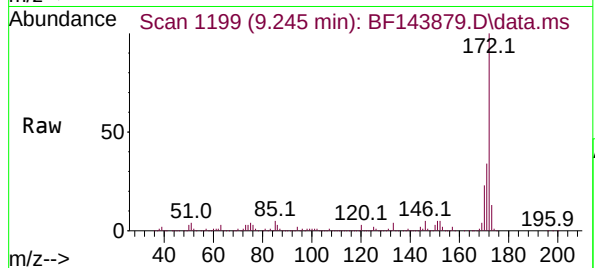
170 23.3 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#46

1,1'-Biphenyl

Concen: 41.490 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

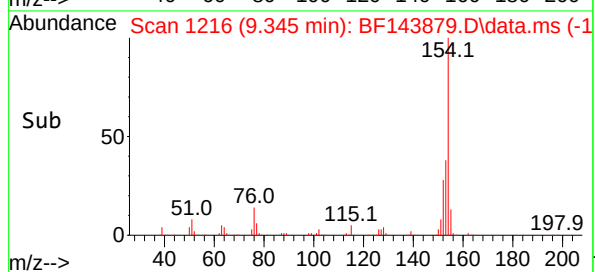
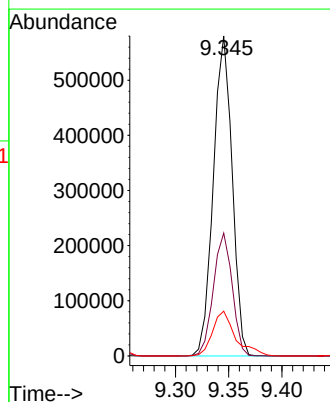
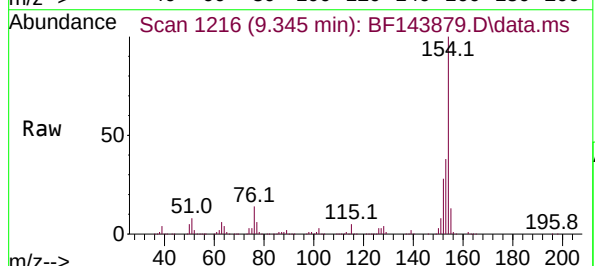
Tgt Ion:154 Resp: 714293

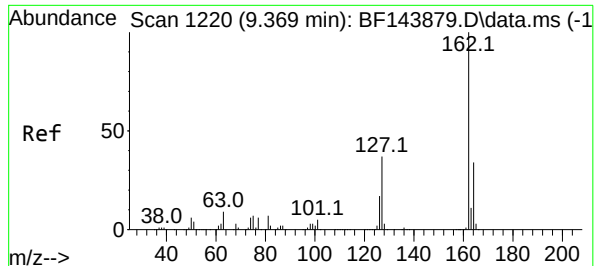
Ion Ratio Lower Upper

154 100

153 38.4 18.4 58.4

76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 41.204 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 591442

Ion Ratio Lower Upper

162 100

127 37.7 30.2 45.2

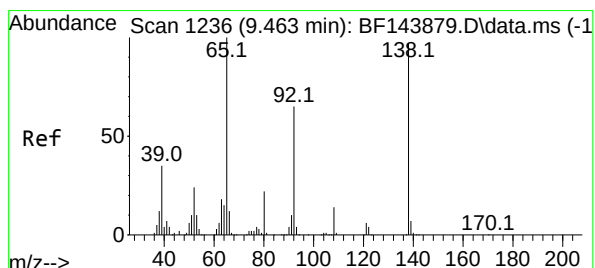
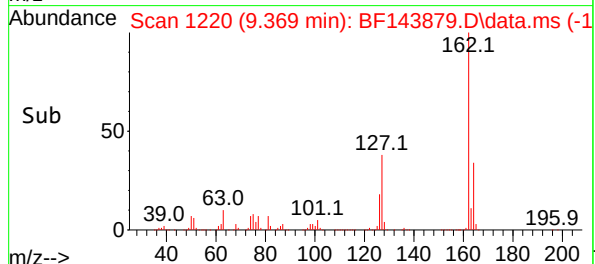
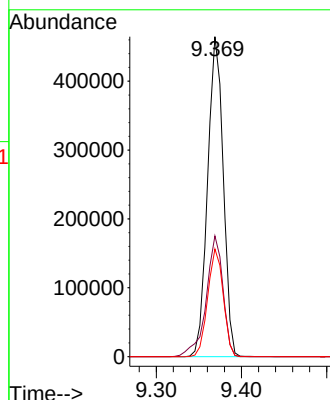
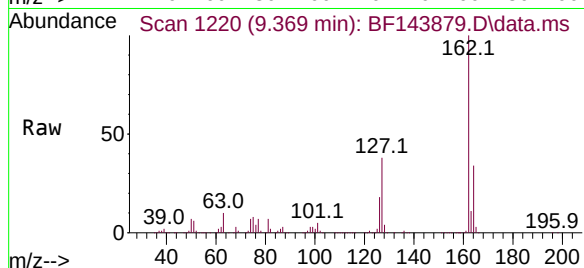
164 33.6 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

Concen: 44.894 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

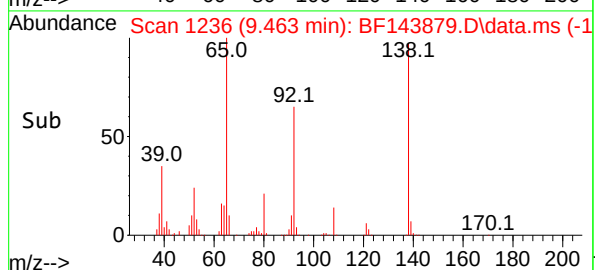
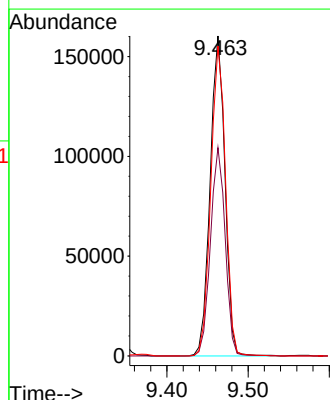
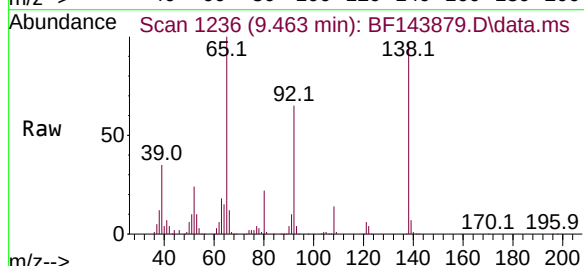
Tgt Ion: 65 Resp: 203733

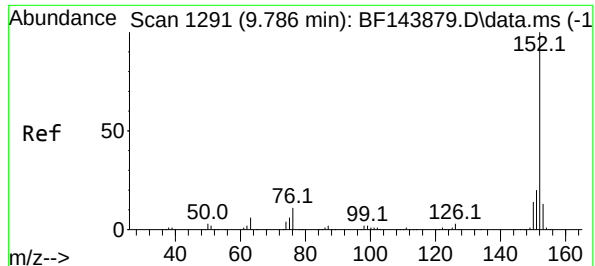
Ion Ratio Lower Upper

65 100

92 65.1 52.1 78.1

138 96.8 77.4 116.2





#49

Acenaphthylene

Concen: 41.828 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143879.D

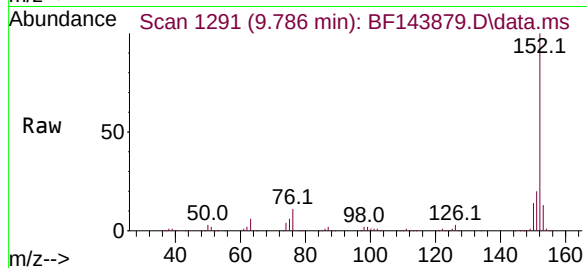
Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:152 Resp: 844062

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

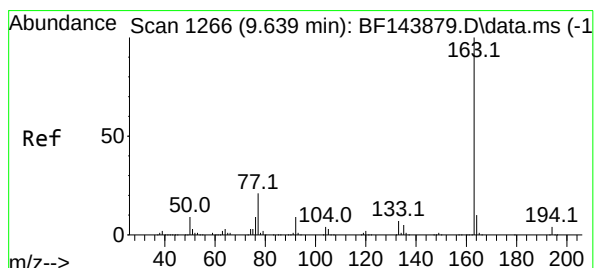
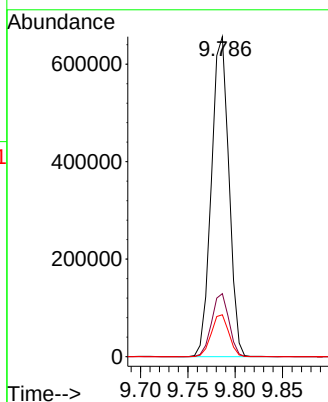
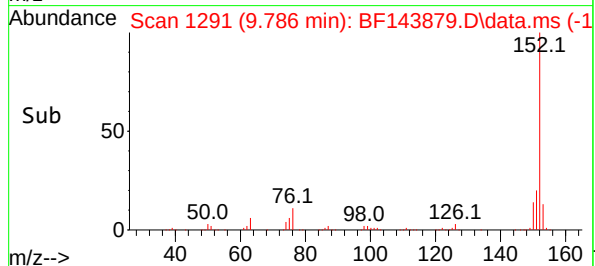
153 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

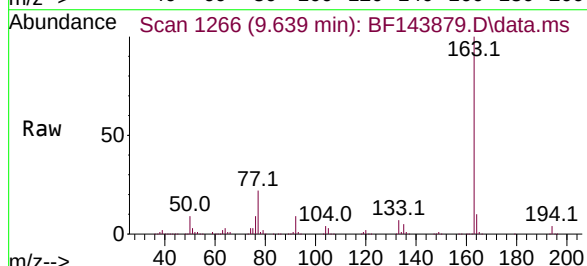
Concen: 40.653 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54



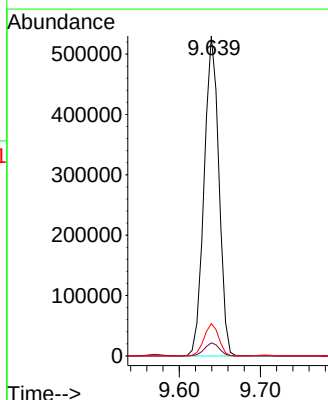
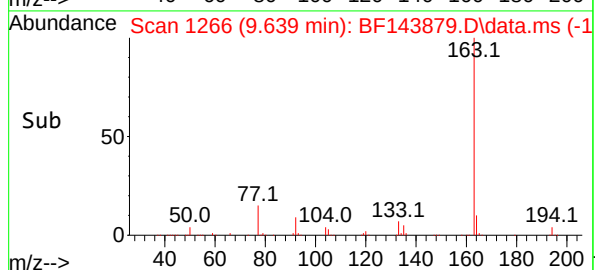
Tgt Ion:163 Resp: 671290

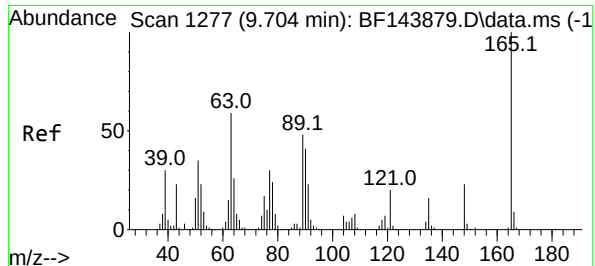
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

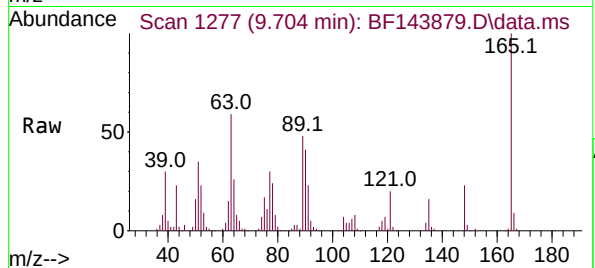
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 44.481 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

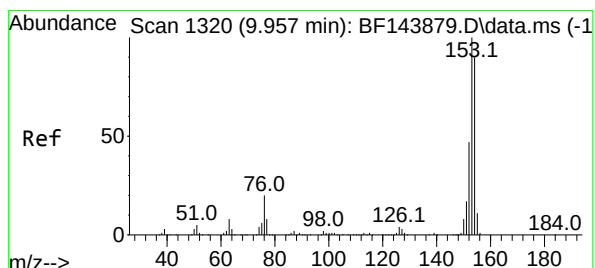
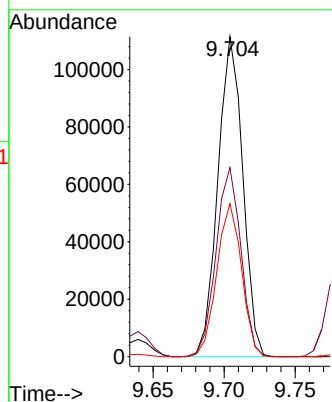
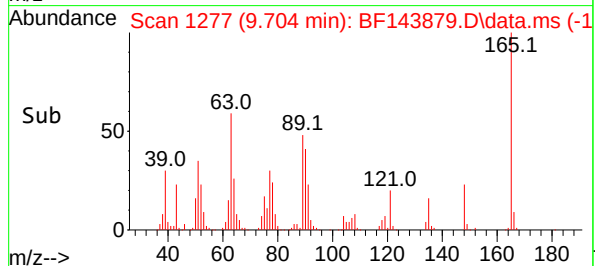
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 136198
Ion Ratio Lower Upper
165 100
63 59.1 47.3 70.9
89 47.8 38.2 57.4

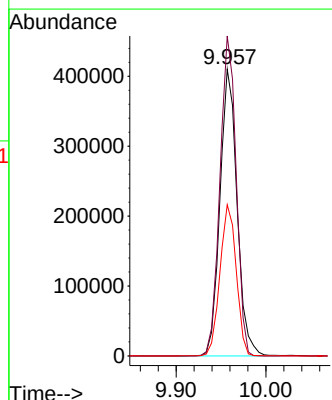
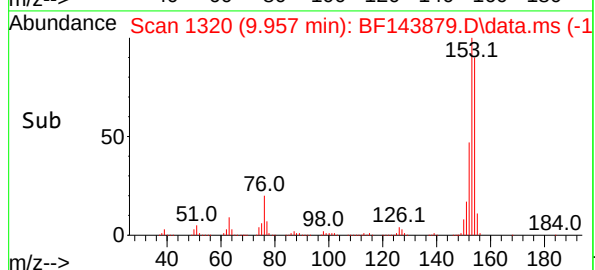
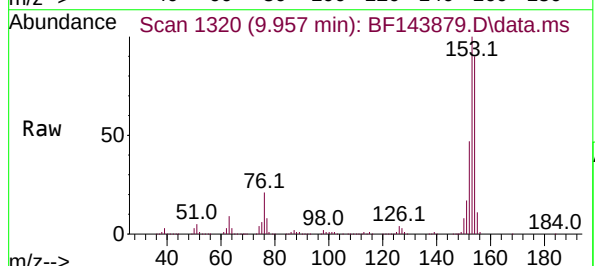
Manual Integrations
APPROVED

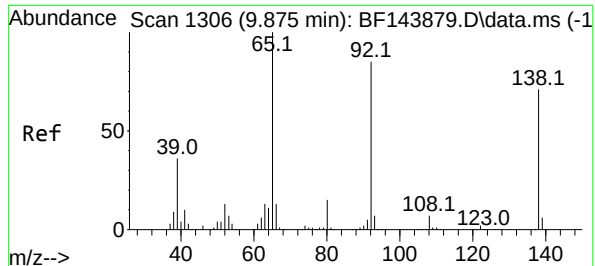
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#52
Acenaphthene
Concen: 41.390 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

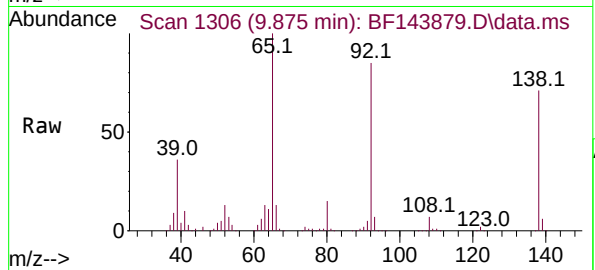
Tgt Ion:154 Resp: 547286
Ion Ratio Lower Upper
154 100
153 111.6 89.3 133.9
152 52.7 42.2 63.2





#53
3-Nitroaniline
Concen: 42.507 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

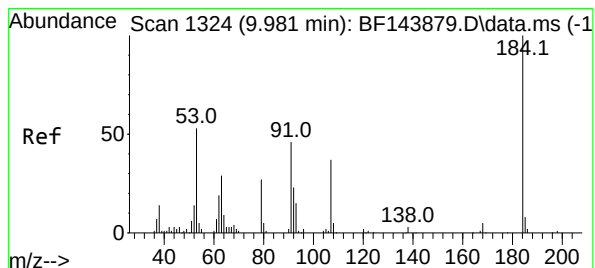
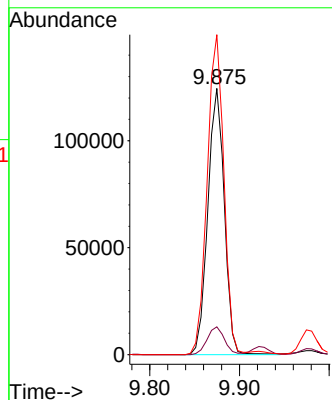
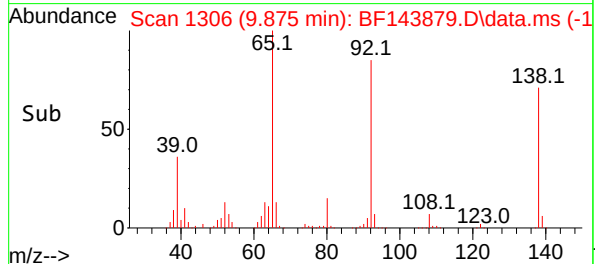
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 159366
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 120.2 96.2 144.2

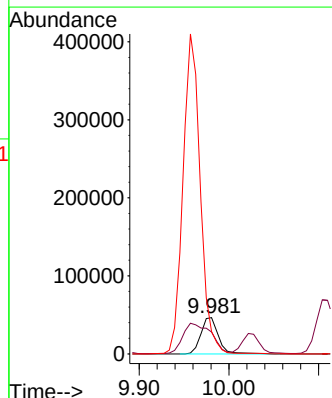
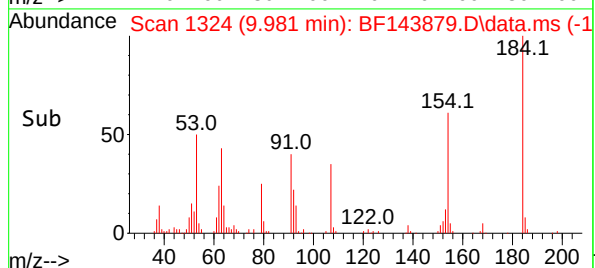
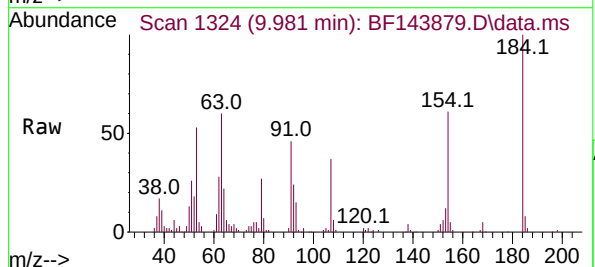
Manual Integrations
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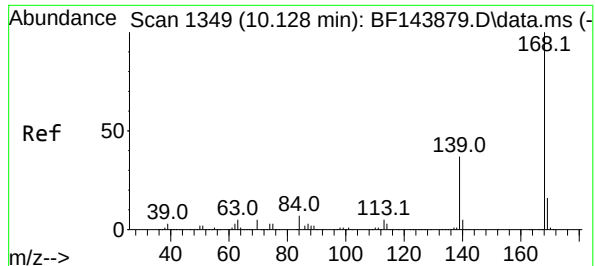
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#54
2,4-Dinitrophenol
Concen: 37.010 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:184 Resp: 62187
Ion Ratio Lower Upper
184 100
63 60.3 48.2 72.4
154 61.5 49.2 73.8





#55

Dibenzenofuran

Concen: 41.625 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 776950

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

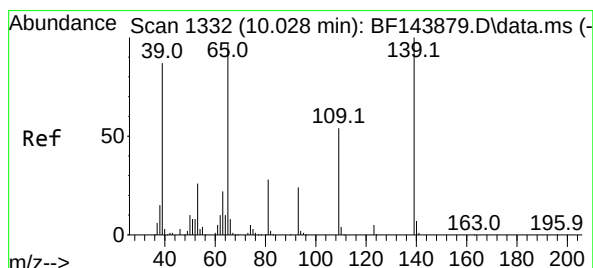
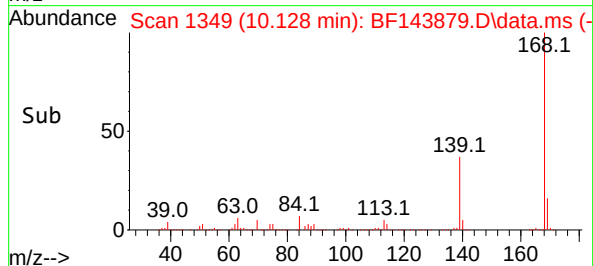
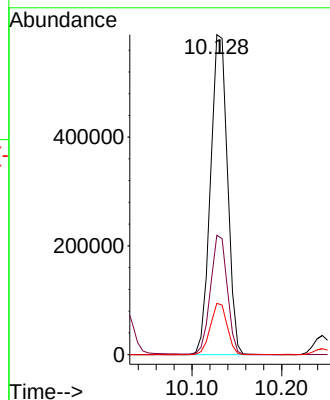
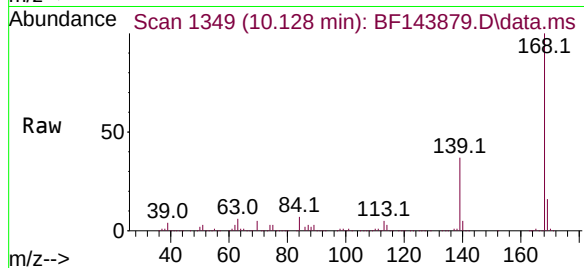
169 16.0 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

Concen: 42.807 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.011 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

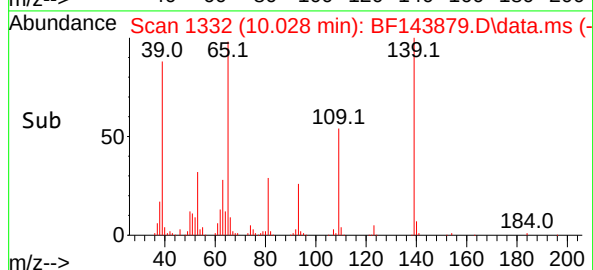
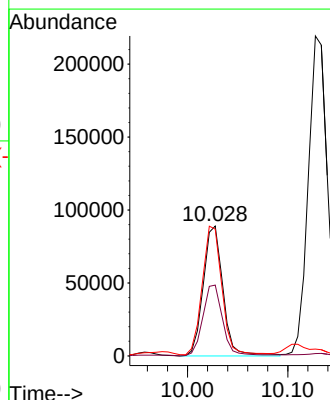
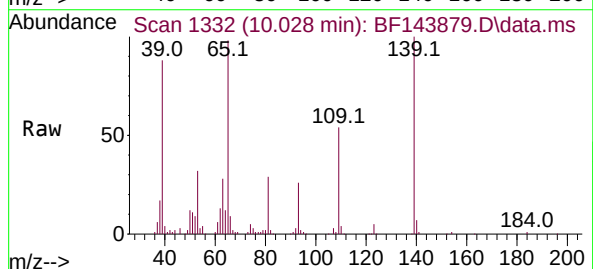
Tgt Ion:139 Resp: 121519

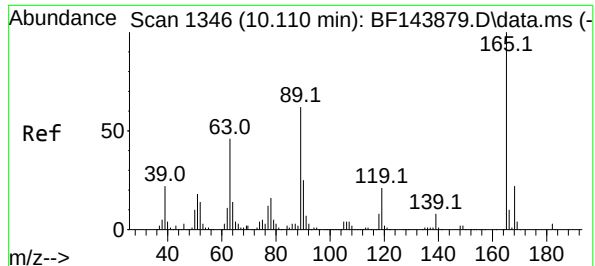
Ion Ratio Lower Upper

139 100

109 54.5 34.5 74.5

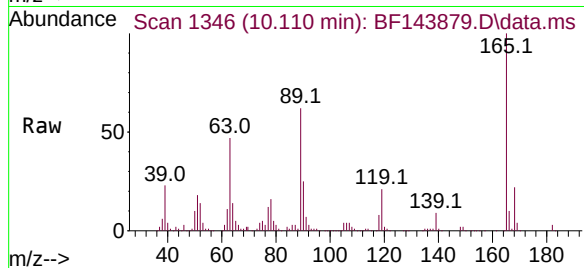
65 97.6 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 45.597 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

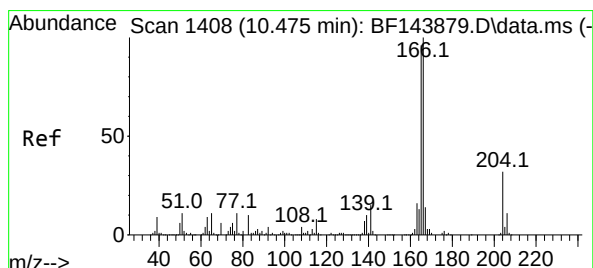
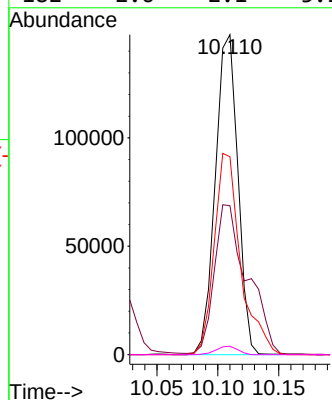
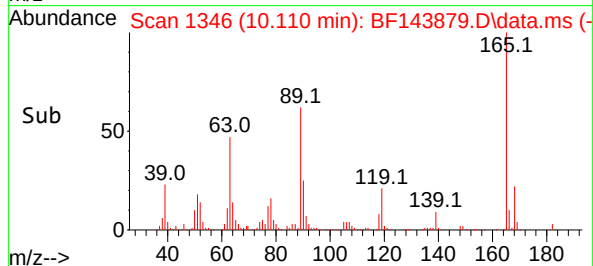
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 189965
Ion Ratio Lower Upper
165 100
63 46.5 37.2 55.8
89 61.8 49.4 74.2
182 2.6 2.1 3.1

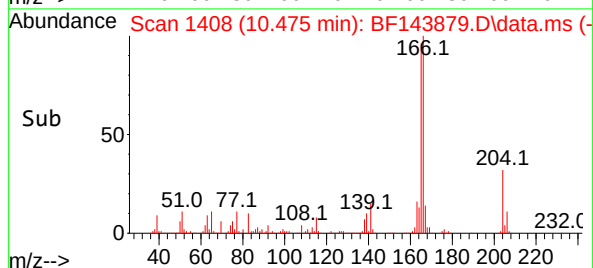
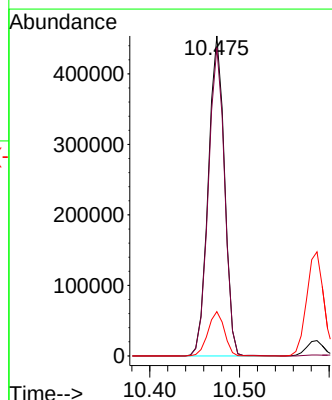
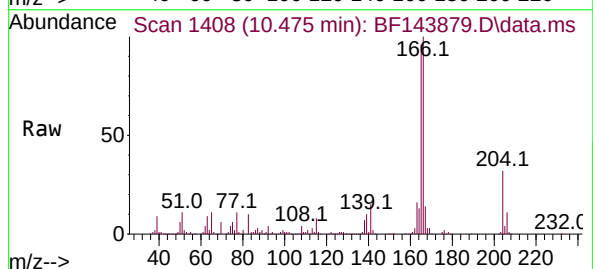
Manual Integrations
APPROVED

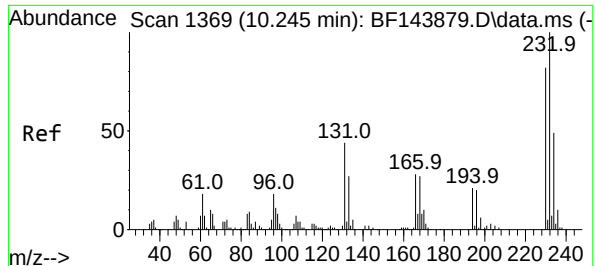
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#58
Fluorene
Concen: 40.506 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

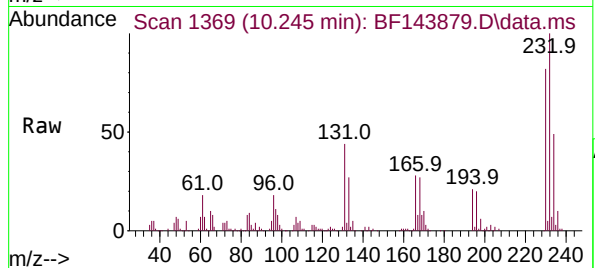
Tgt Ion:166 Resp: 570508
Ion Ratio Lower Upper
166 100
165 96.3 77.0 115.6
167 13.9 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.006 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

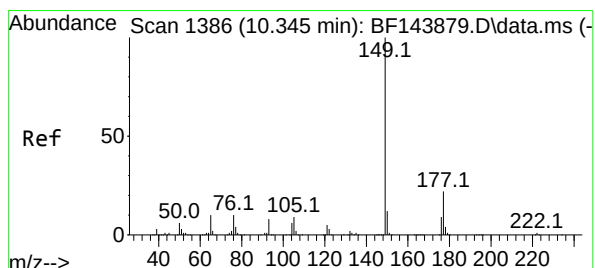
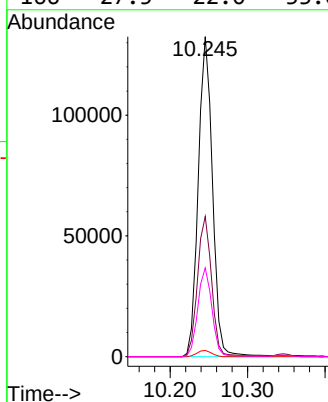
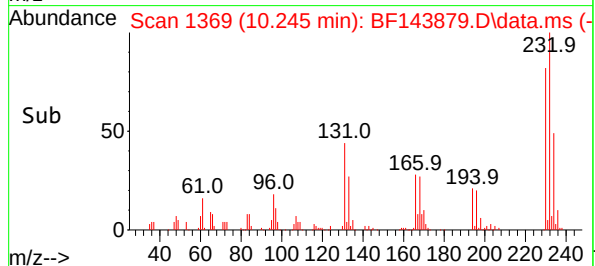
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 168932
Ion Ratio Lower Upper
232 100
131 43.6 34.9 52.3
130 2.0 1.6 2.4
166 27.5 22.0 33.0

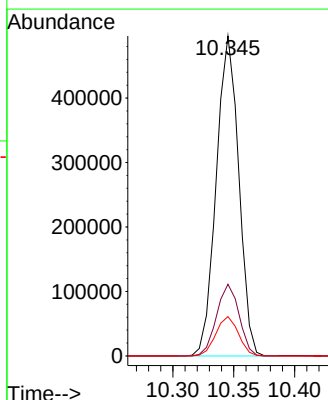
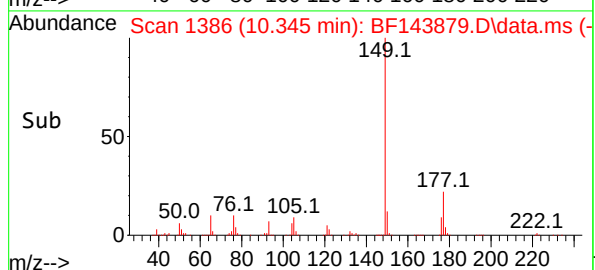
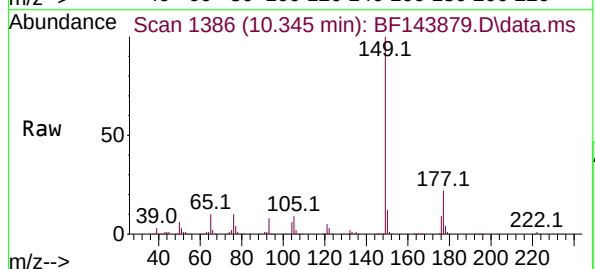
Manual Integrations
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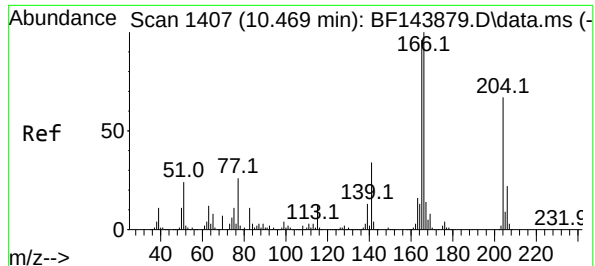
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#60
Diethylphthalate
Concen: 41.422 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

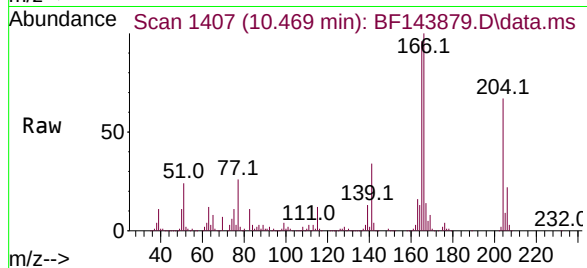
Tgt Ion:149 Resp: 635433
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 41.632 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

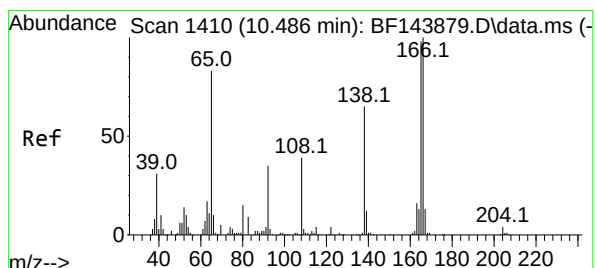
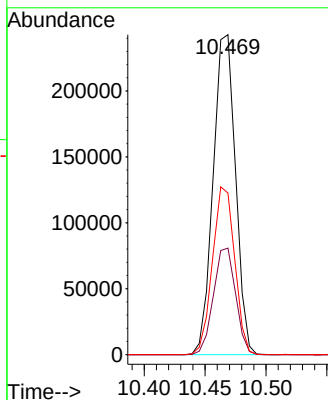
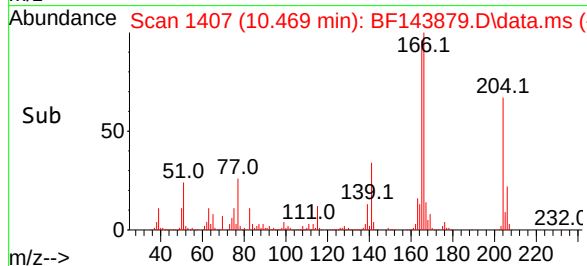
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



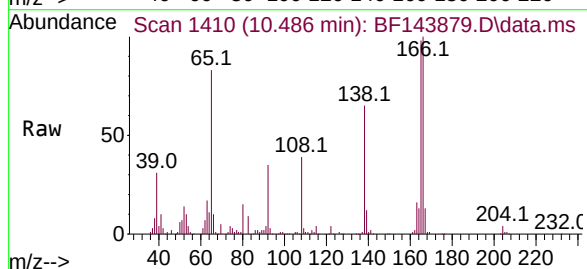
Tgt Ion:204 Resp: 310008
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 50.5 40.4 60.6

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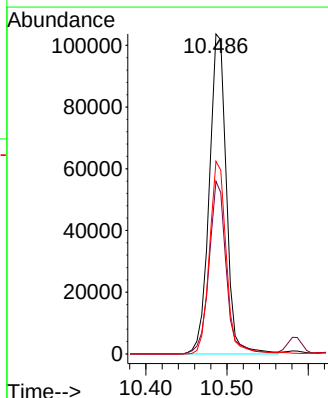
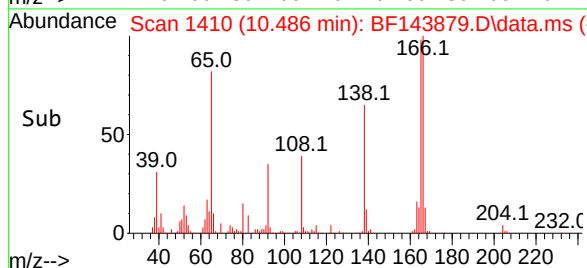
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

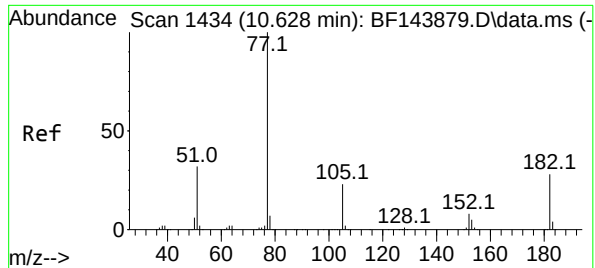


#62
4-Nitroaniline
Concen: 42.123 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



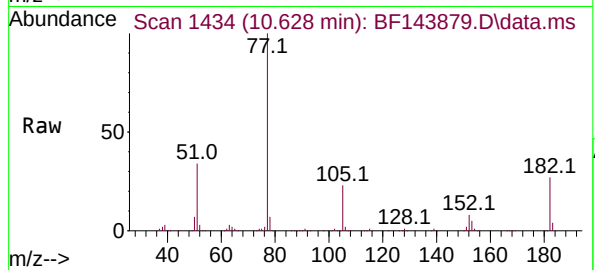
Tgt Ion:138 Resp: 151866
Ion Ratio Lower Upper
138 100
92 53.9 33.9 73.9
108 60.2 40.2 80.2





#63
Azobenzene
Concen: 41.521 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

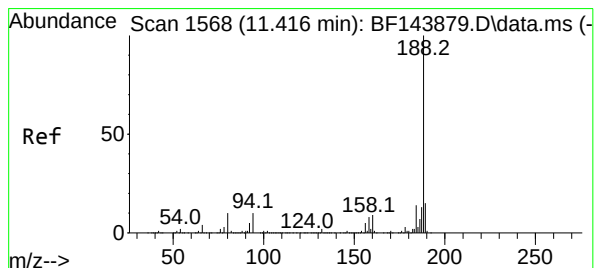
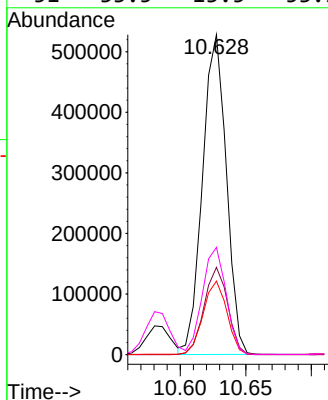
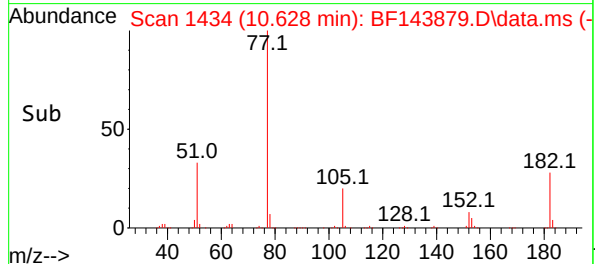
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 665698
Ion Ratio Lower Upper
77 100
182 27.3 7.3 47.3
105 23.0 3.0 43.0
51 33.5 13.5 53.5

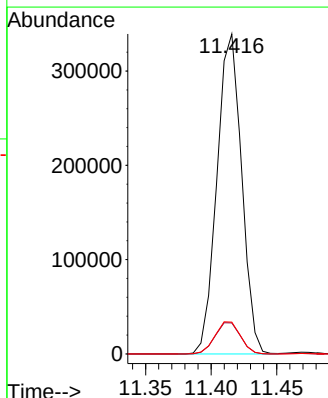
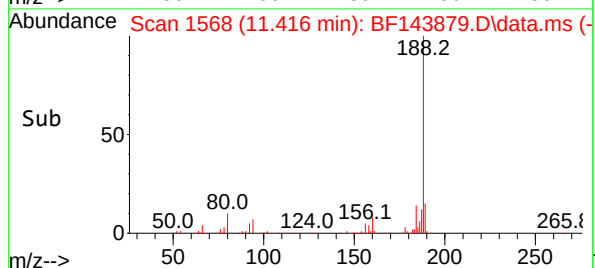
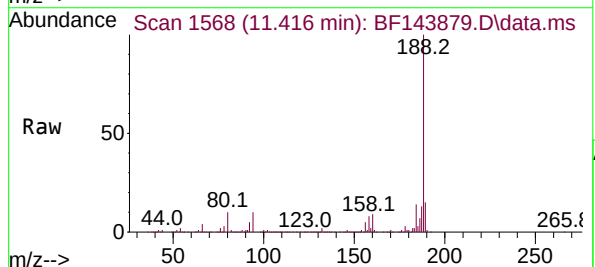
Manual Integrations
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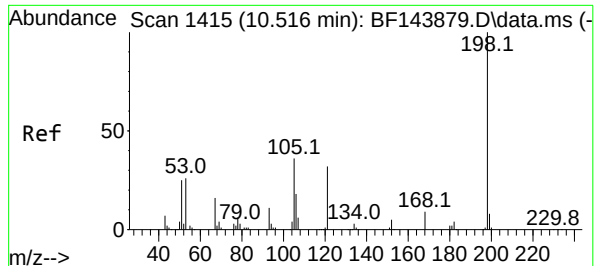
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:188 Resp: 444949
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 9.9 7.9 11.9





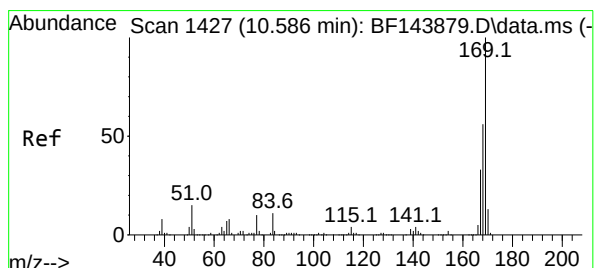
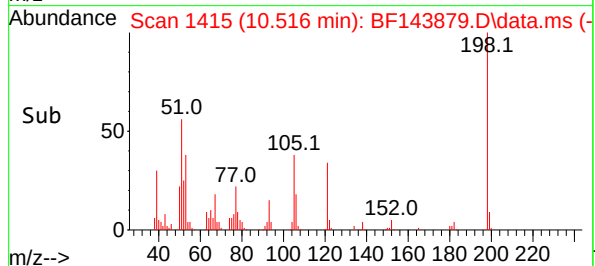
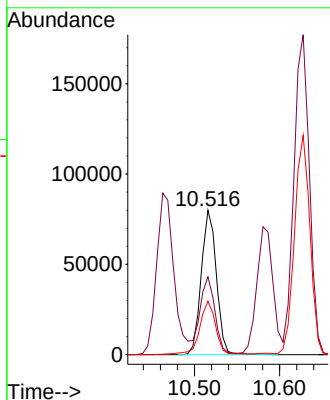
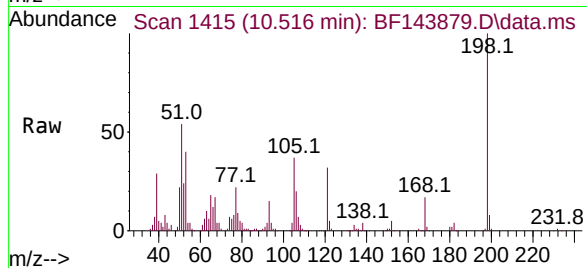
#65
4,6-Dinitro-2-methylphenol
Concen: 44.075 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 98551
Ion Ratio Lower Upper
198 100
51 53.8 33.8 73.8
105 37.0 17.0 57.0

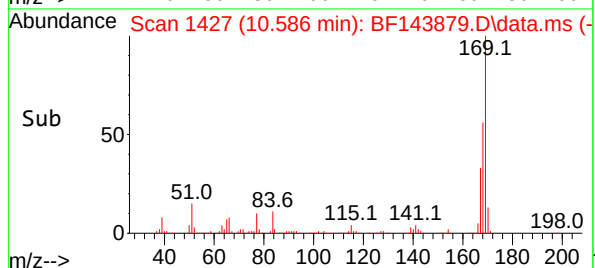
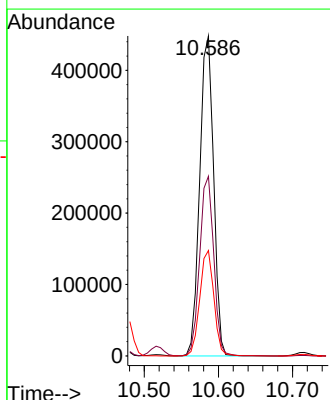
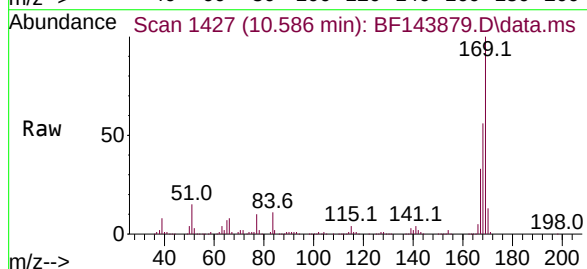
Manual Integrations
APPROVED

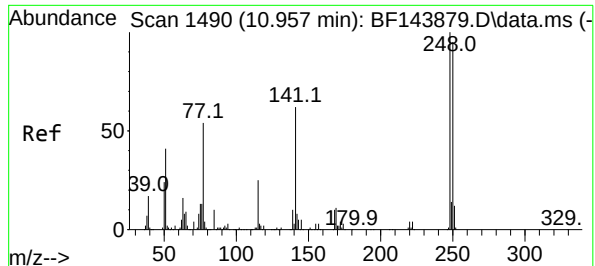
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#66
n-Nitrosodiphenylamine
Concen: 41.773 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

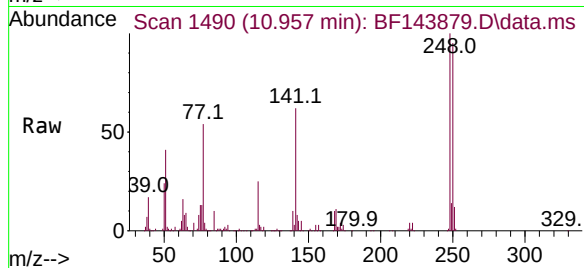
Tgt Ion:169 Resp: 583617
Ion Ratio Lower Upper
169 100
168 56.1 44.9 67.3
167 32.9 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 41.803 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

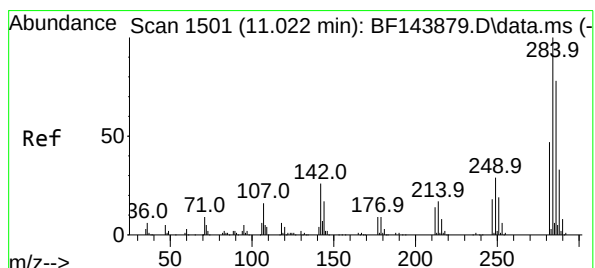
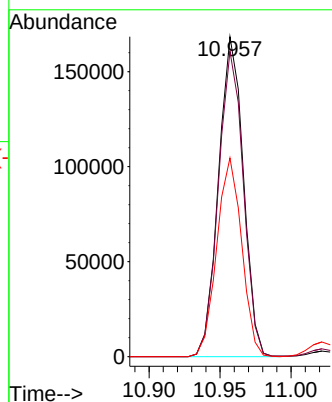
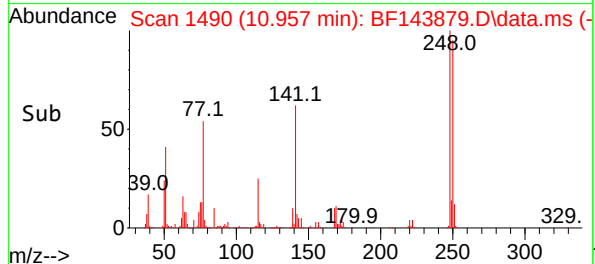
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:248 Resp: 205559
Ion Ratio Lower Upper
248 100
250 95.4 76.3 114.5
141 62.1 49.7 74.5

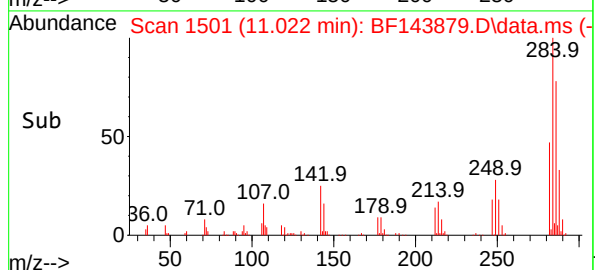
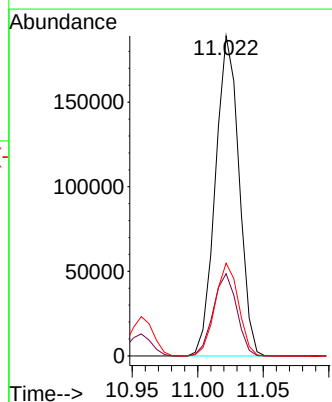
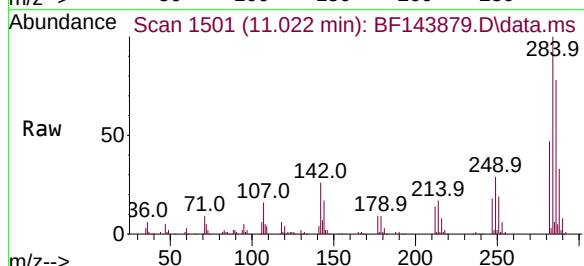
Manual Integrations
APPROVED

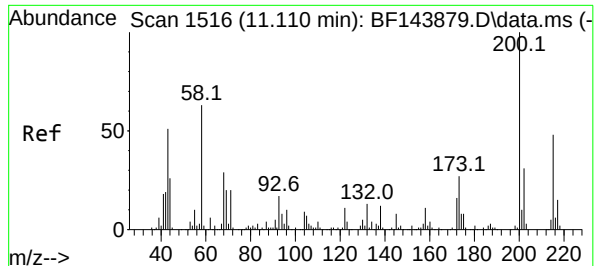
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#68
Hexachlorobenzene
Concen: 41.695 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:284 Resp: 237363
Ion Ratio Lower Upper
284 100
142 25.7 20.6 30.8
249 29.0 23.2 34.8





#69

Atrazine

Concen: 40.905 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 173212

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

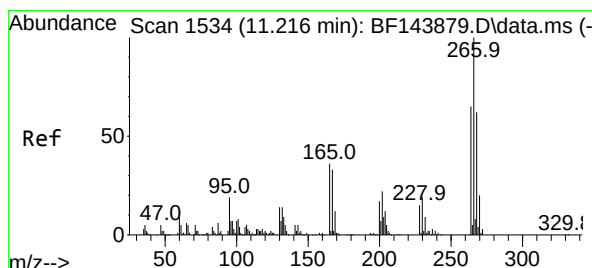
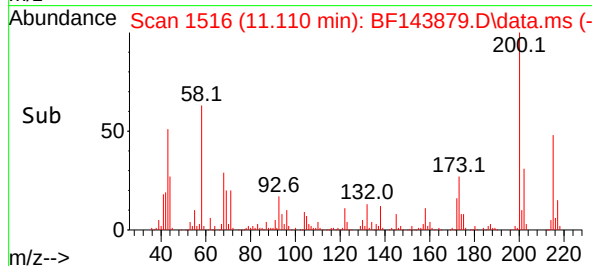
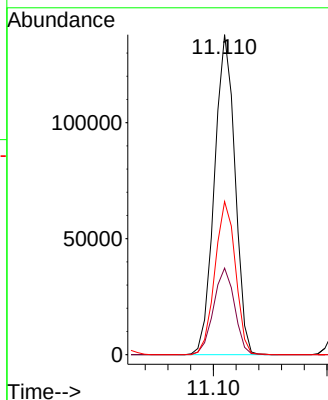
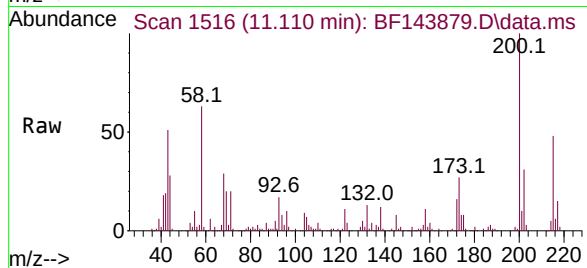
215 47.8 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 42.862 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

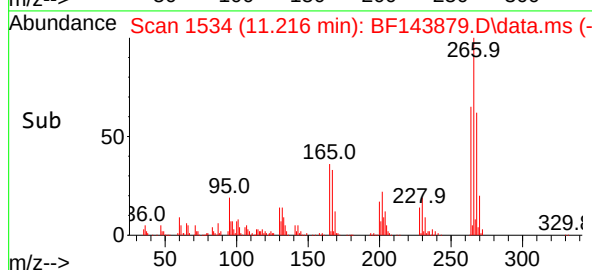
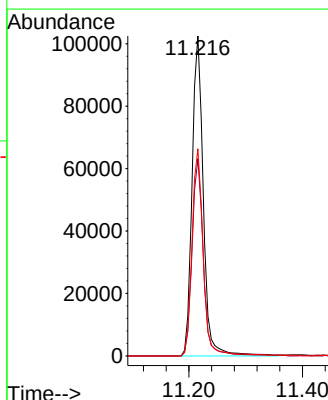
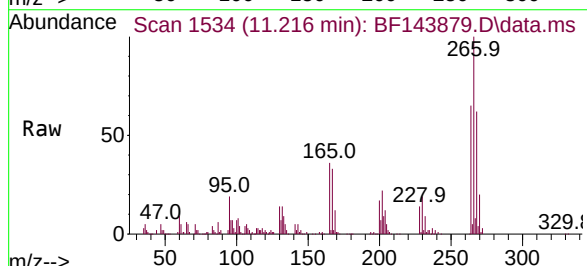
Tgt Ion:266 Resp: 140140

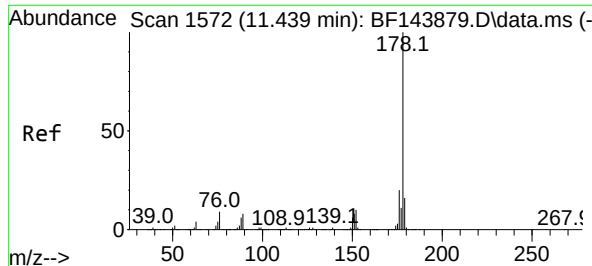
Ion Ratio Lower Upper

266 100

268 61.7 49.4 74.0

264 64.7 51.8 77.6





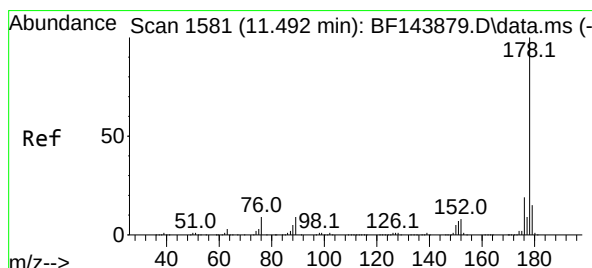
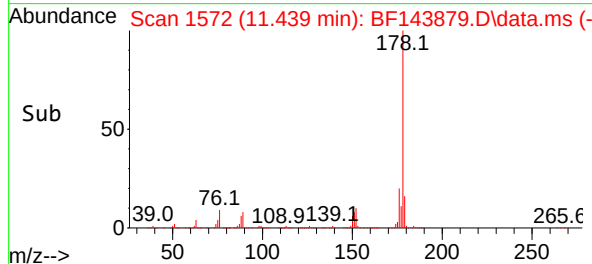
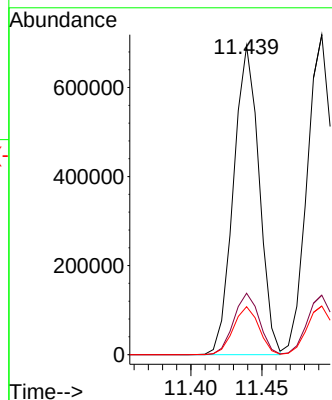
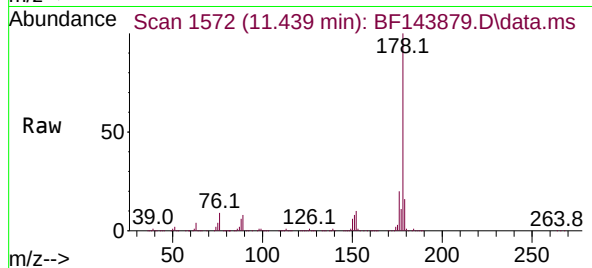
#71
Phenanthrene
Concen: 40.266 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 868592
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.5 12.4 18.6

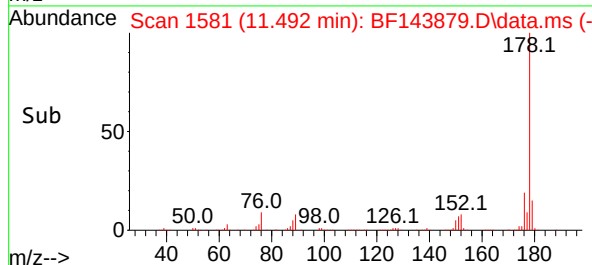
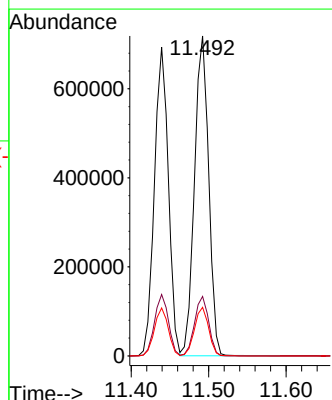
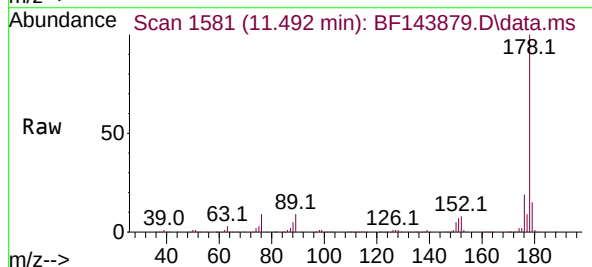
Manual Integrations
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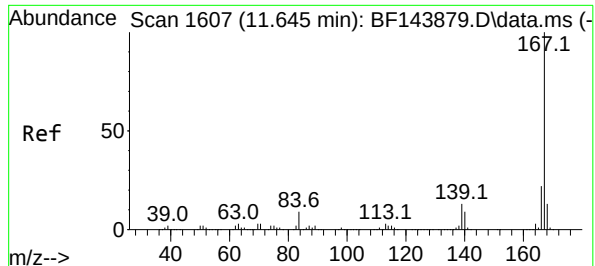
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#72
Anthracene
Concen: 41.850 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

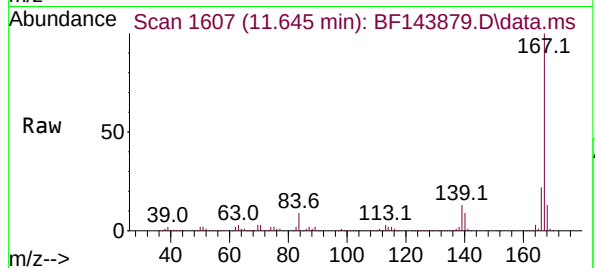
Tgt Ion:178 Resp: 912011
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.2 12.2 18.2





#73
Carbazole
Concen: 40.765 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

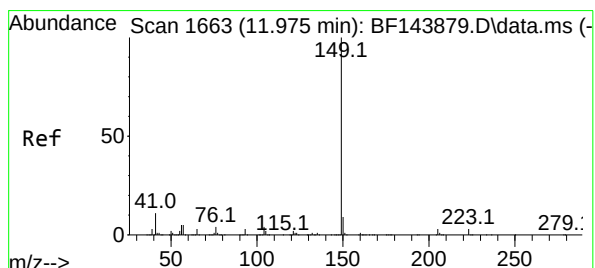
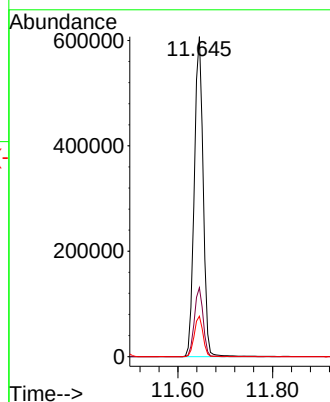
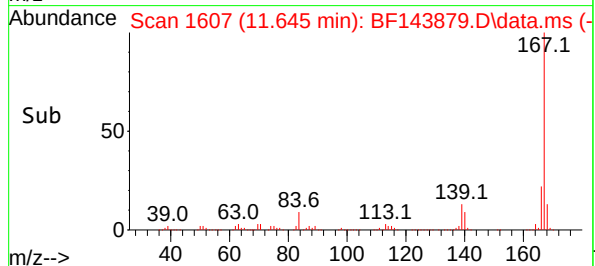
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



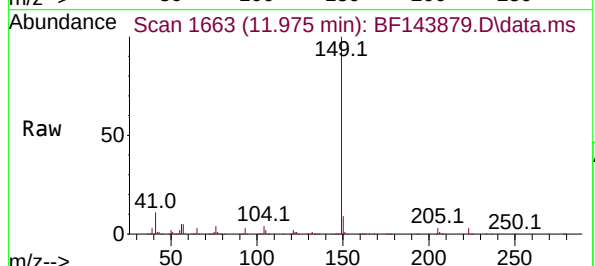
Tgt Ion:167 Resp: 786783
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.6 10.1 15.1

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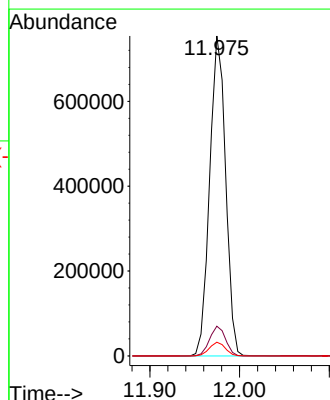
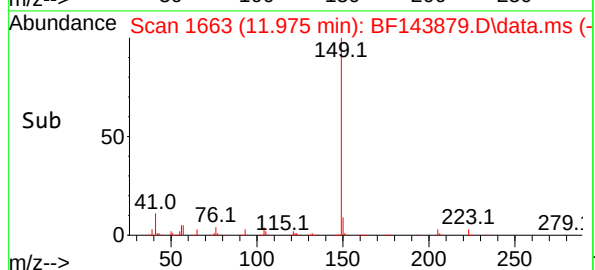
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

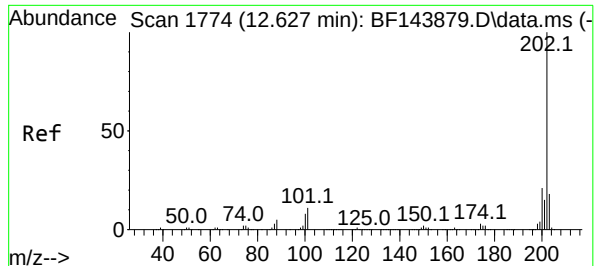


#74
Di-n-butylphthalate
Concen: 41.884 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



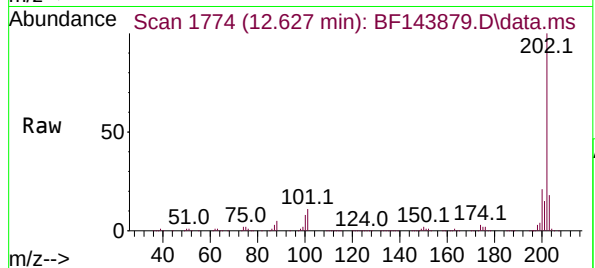
Tgt Ion:149 Resp: 936899
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.3 3.4 5.2





#75
Fluoranthene
Concen: 41.223 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

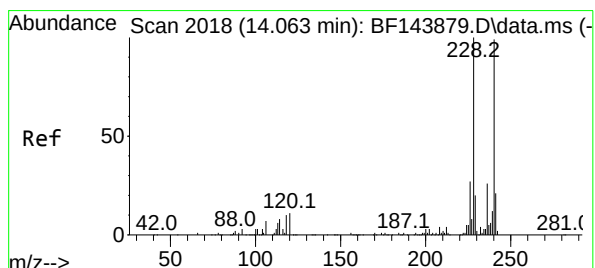
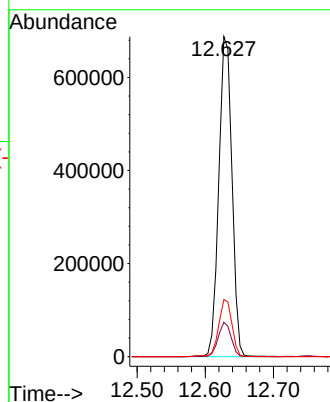
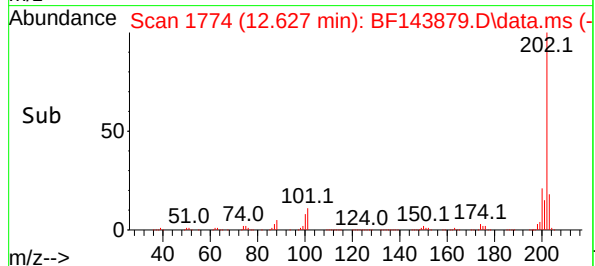
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



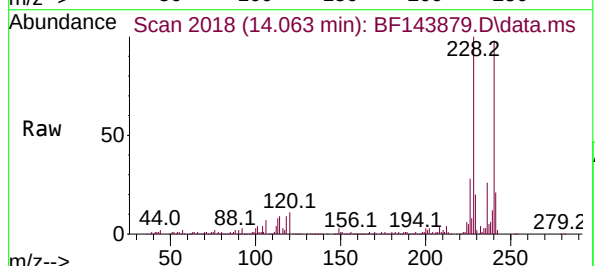
Tgt Ion:202 Resp: 918503
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 17.8 0.0 37.8

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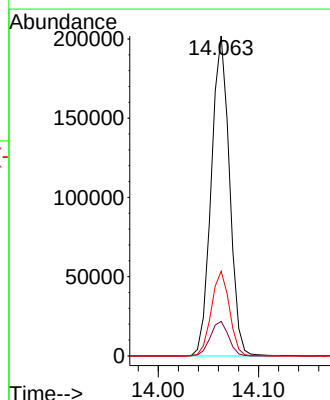
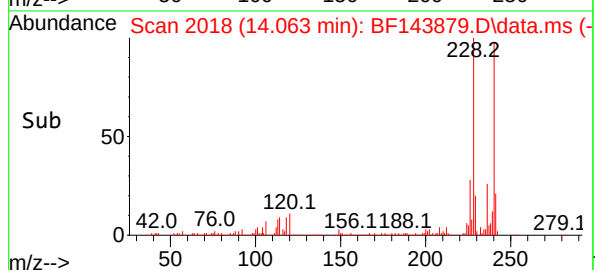
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

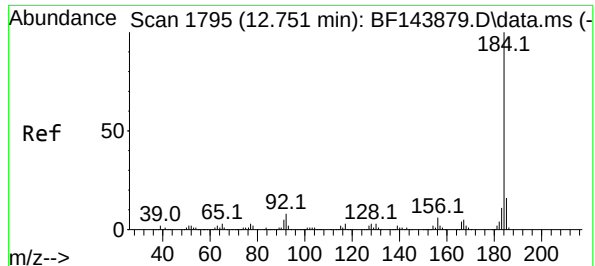


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



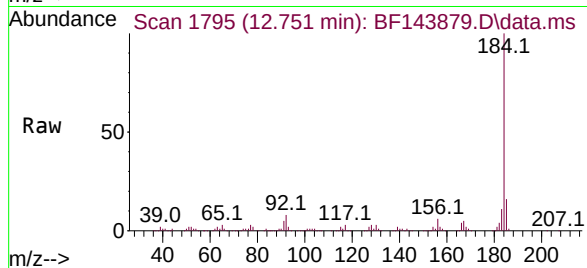
Tgt Ion:240 Resp: 254576
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 26.4 21.1 31.7





#77
Benzidine
Concen: 43.833 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

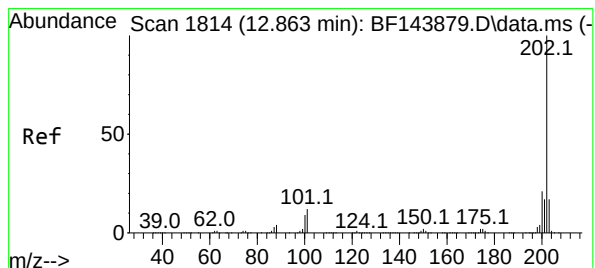
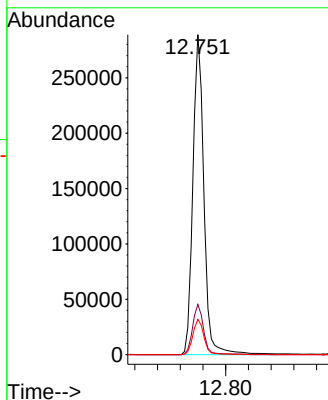
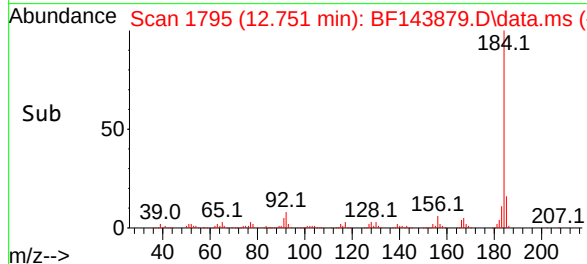
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 387464
Ion Ratio Lower Upper
184 100
185 15.7 12.6 18.8
183 11.0 8.8 13.2

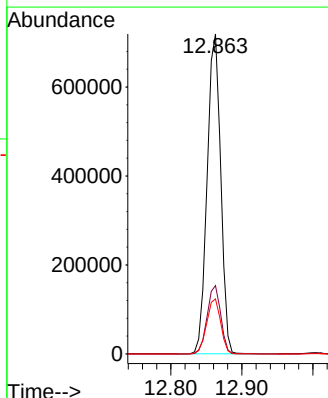
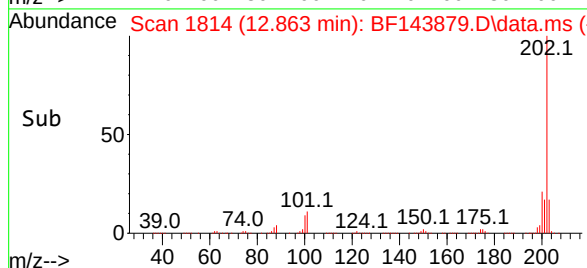
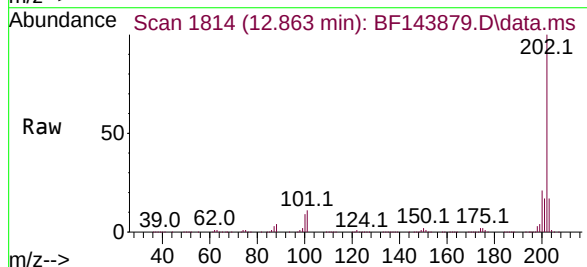
Manual Integrations
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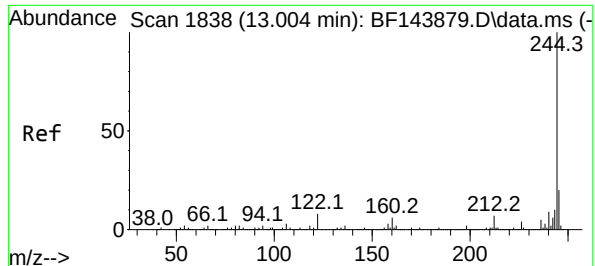
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#78
Pyrene
Concen: 44.692 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:202 Resp: 948521
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 87.451 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 1302632

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

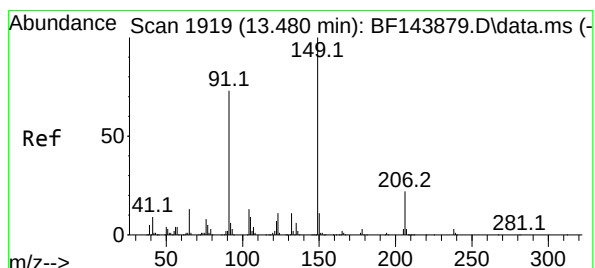
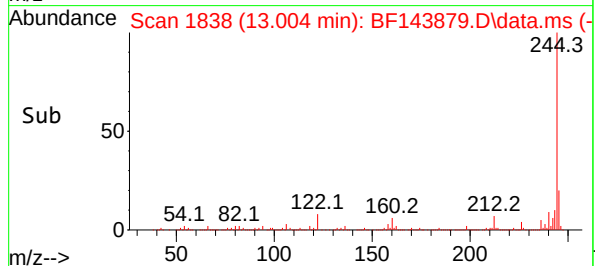
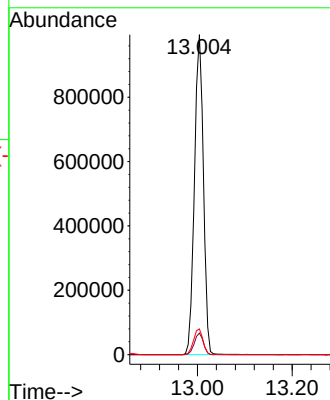
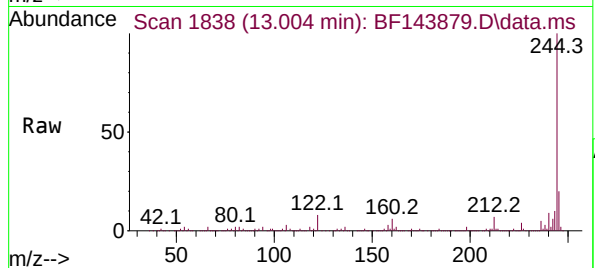
122 8.0 6.4 9.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 45.804 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

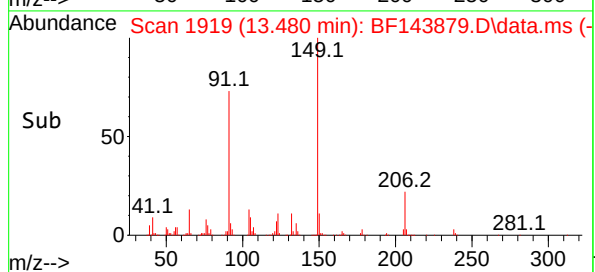
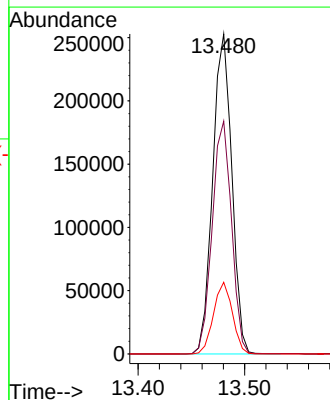
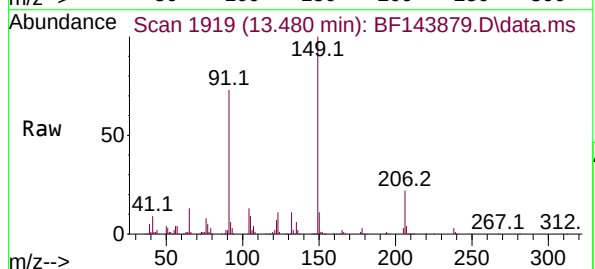
Tgt Ion:149 Resp: 315716

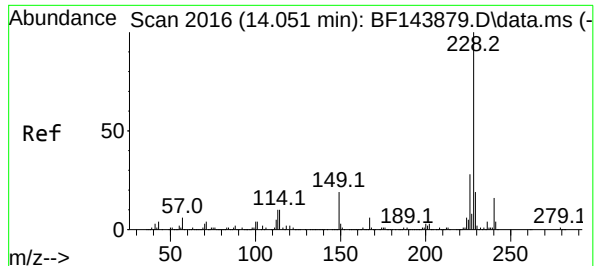
Ion Ratio Lower Upper

149 100

91 72.7 58.2 87.2

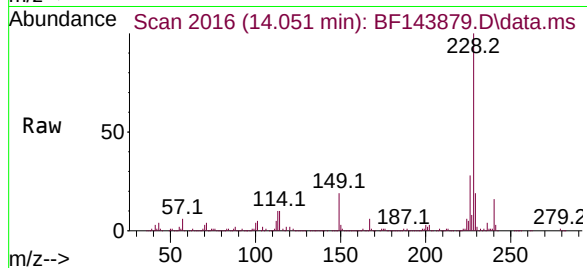
206 22.4 17.9 26.9





#81
Benzo(a)anthracene
Concen: 42.715 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

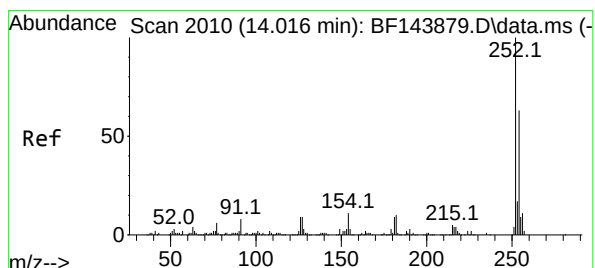
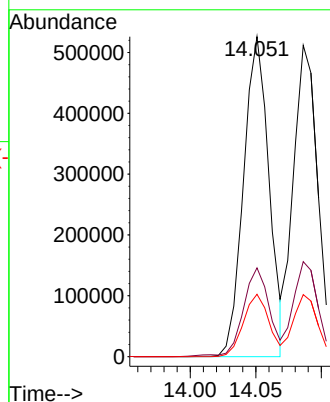
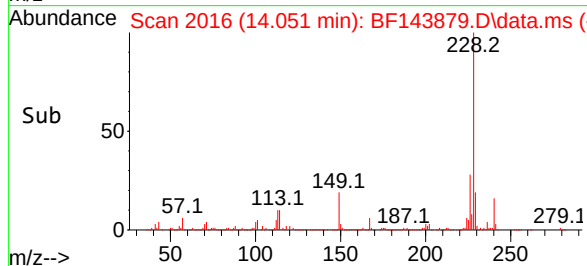
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



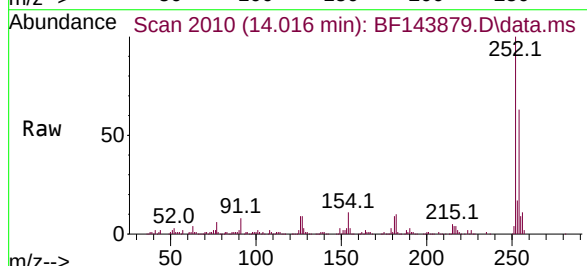
Tgt Ion:228 Resp: 711609
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 19.5 15.6 23.4

Manual Integrations
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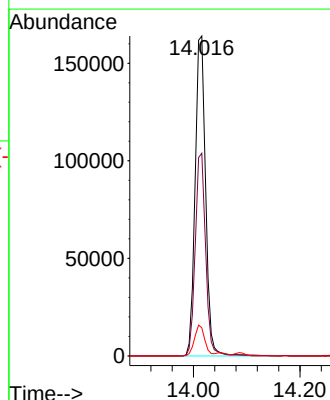
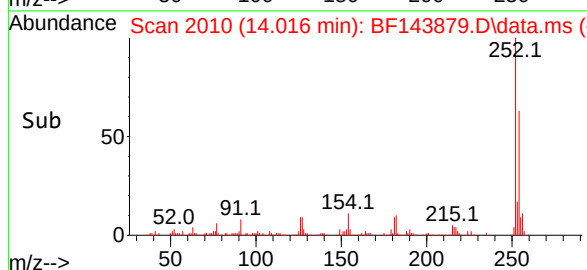
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

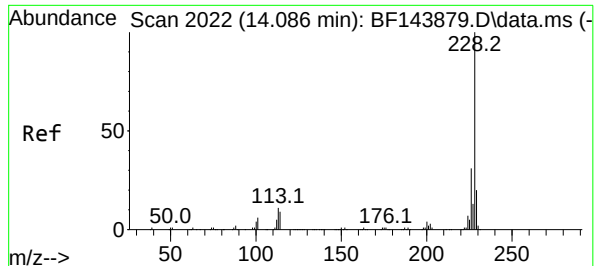


#82
3,3'-Dichlorobenzidine
Concen: 44.135 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



Tgt Ion:252 Resp: 224071
Ion Ratio Lower Upper
252 100
254 63.3 50.6 76.0
126 8.8 7.0 10.6





#83

Chrysene

Concen: 42.717 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 658639

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

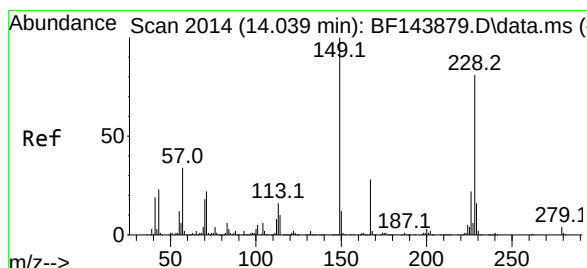
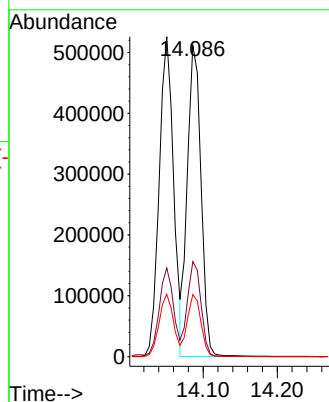
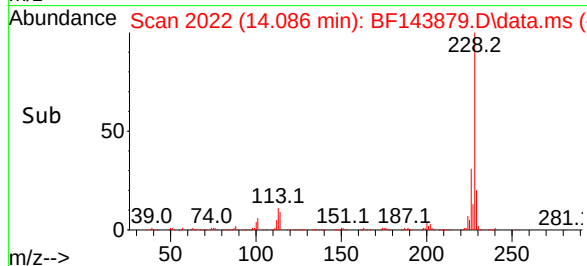
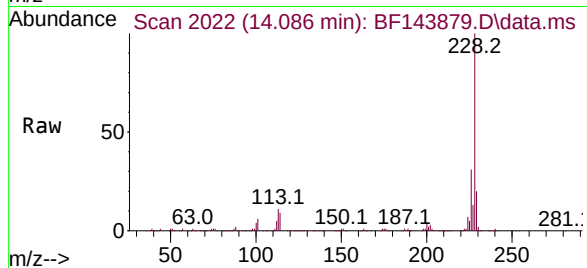
229 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.286 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

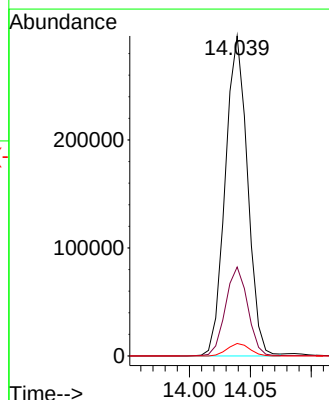
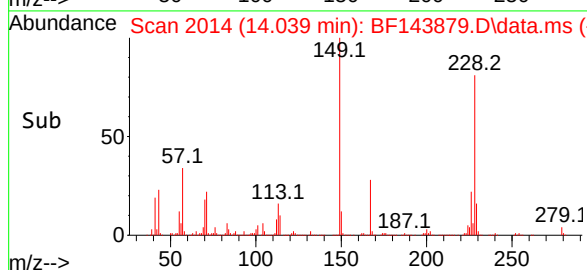
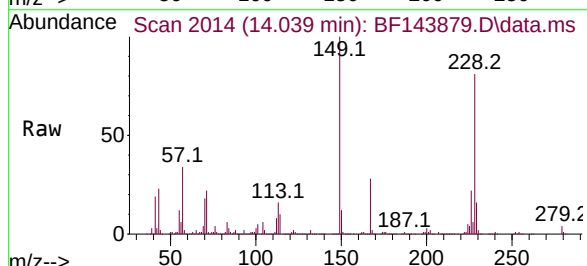
Tgt Ion:149 Resp: 376273

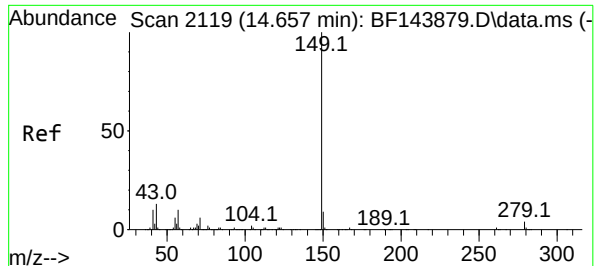
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

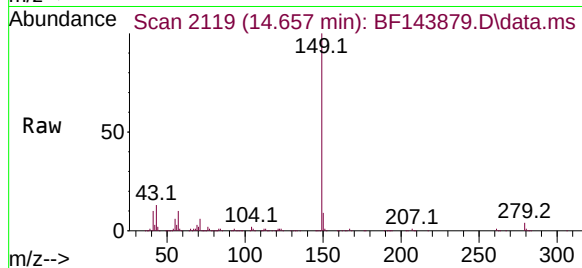
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 44.561 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

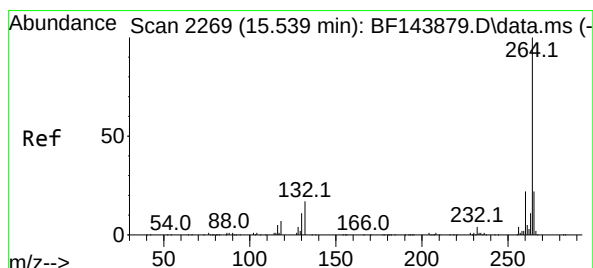
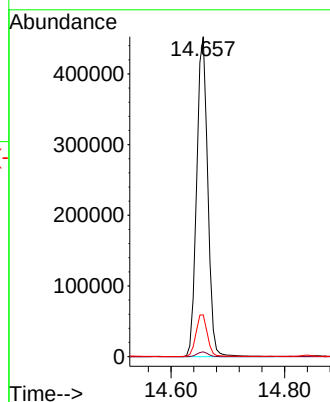
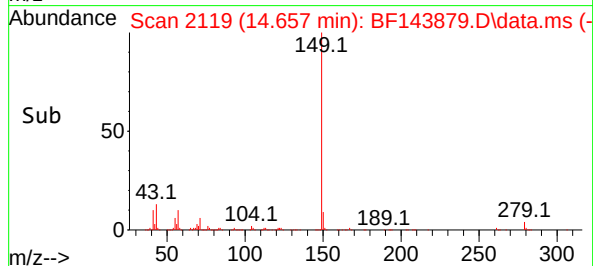
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 608123
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.7 11.0 16.4

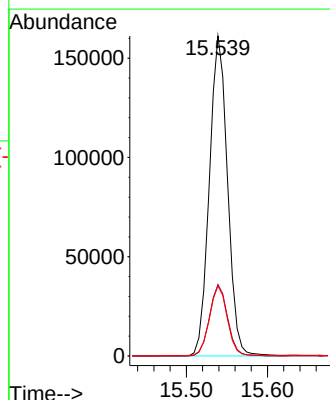
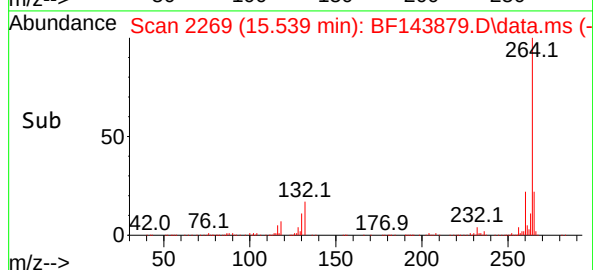
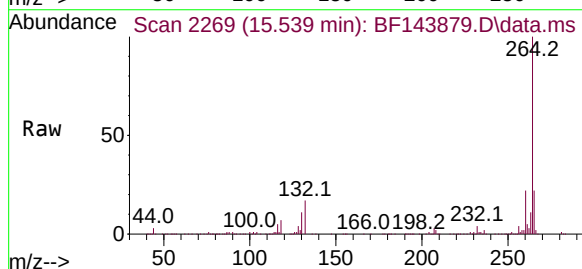
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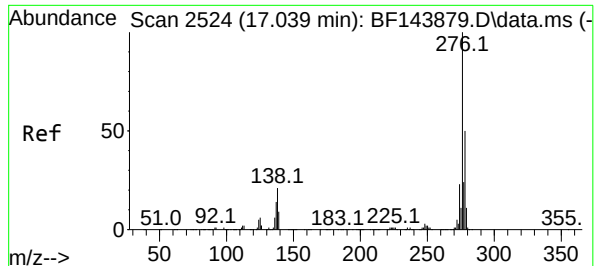
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

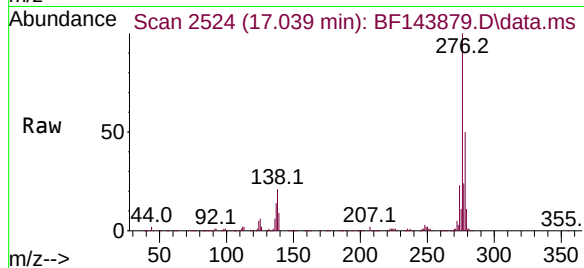
Tgt Ion:264 Resp: 250969
Ion Ratio Lower Upper
264 100
260 22.3 17.8 26.8
265 21.9 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.470 ng
RT: 17.039 min Scan# 2195
Delta R.T. -0.017 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

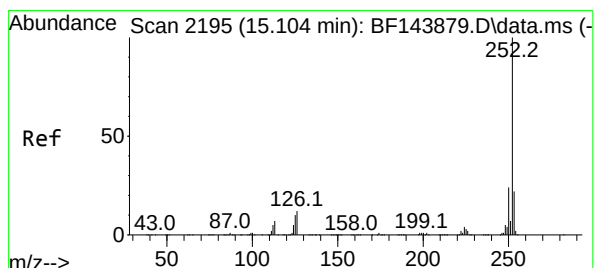
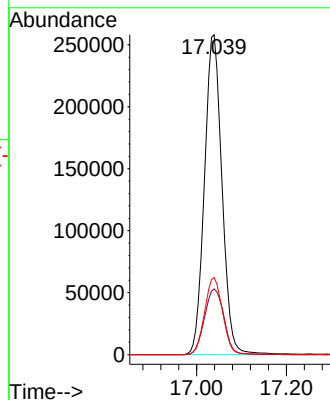
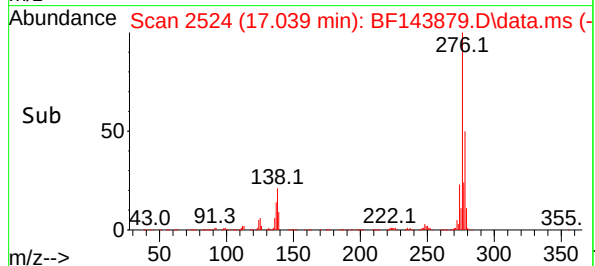
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 699234
Ion Ratio Lower Upper
276 100
138 22.7 18.2 27.2
277 24.7 19.8 29.6

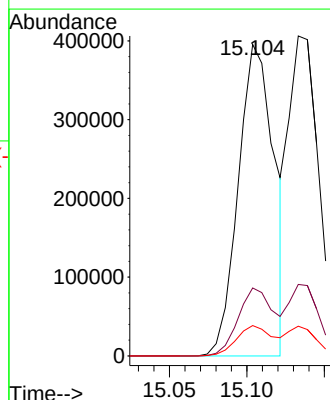
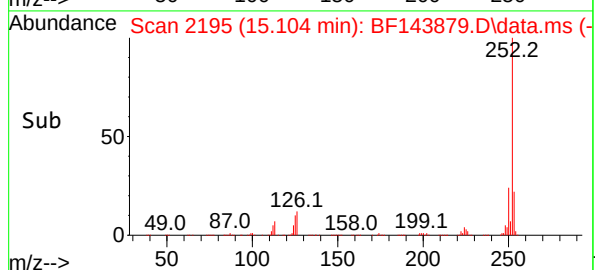
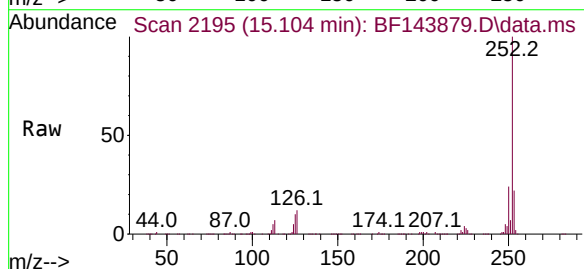
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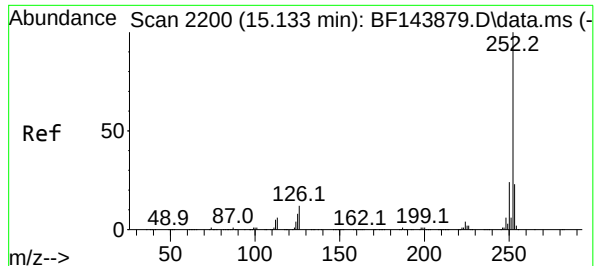
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#88
Benzo(b)fluoranthene
Concen: 44.178 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:252 Resp: 636888
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 41.688 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 55611

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

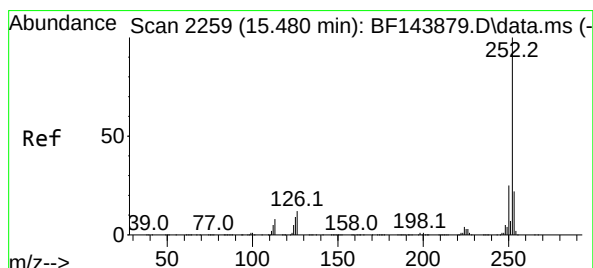
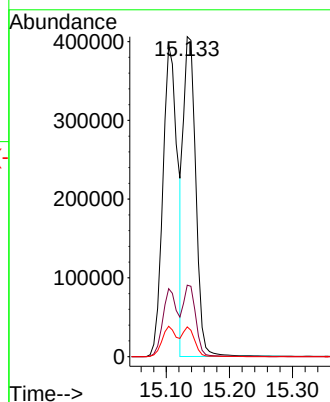
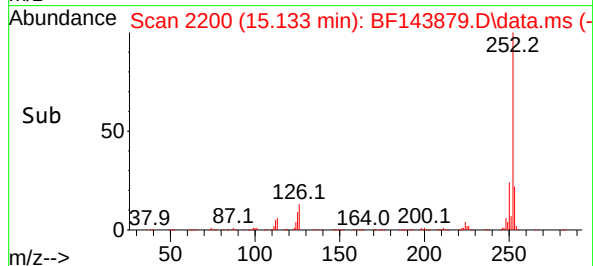
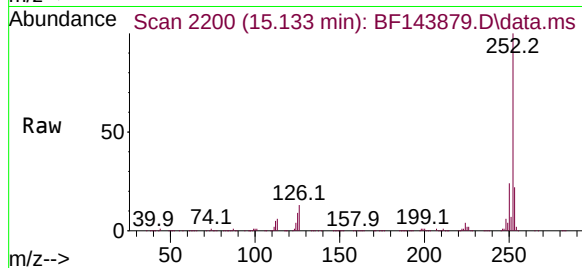
125 9.3 7.4 11.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 44.246 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

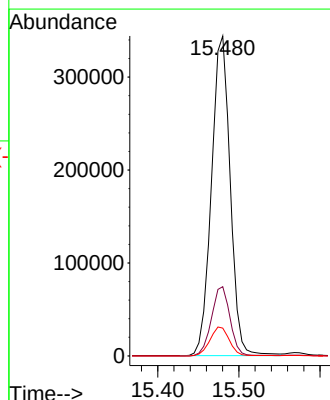
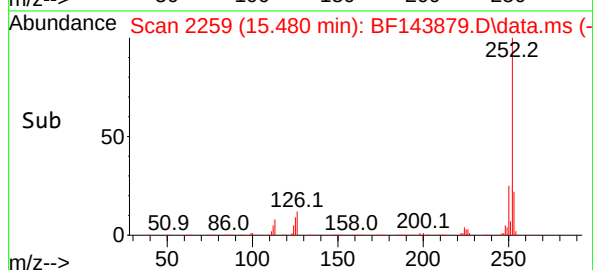
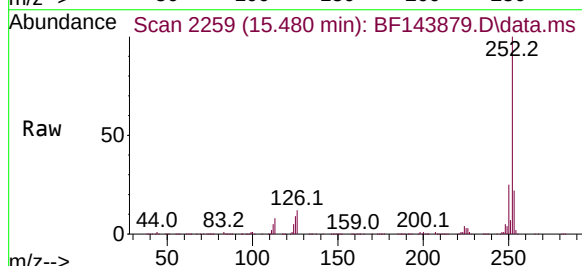
Tgt Ion:252 Resp: 553098

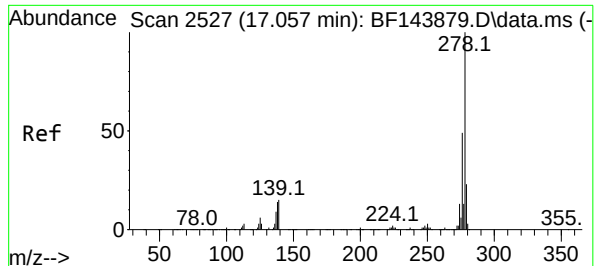
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

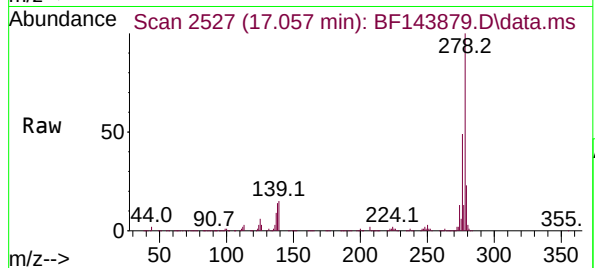
125 8.7 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 45.774 ng
RT: 17.057 min Scan# 2527
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

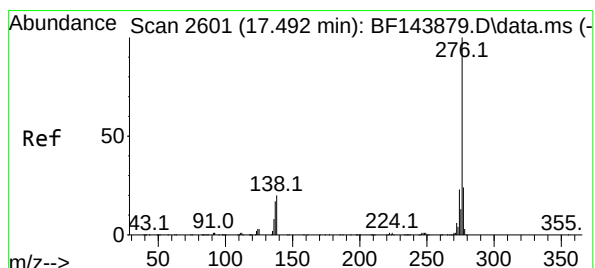
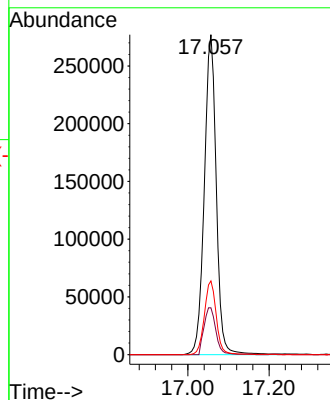
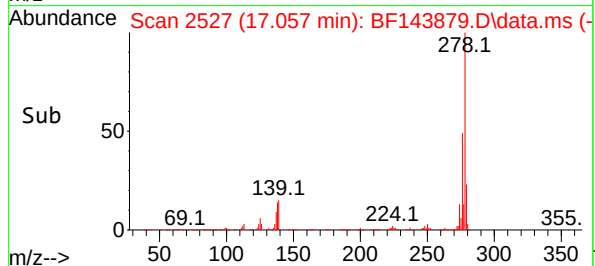
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 566134
Ion Ratio Lower Upper
278 100
139 14.6 11.7 17.5
279 23.0 18.4 27.6

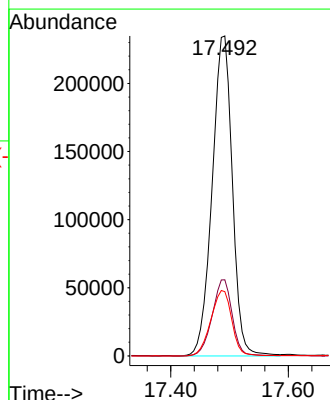
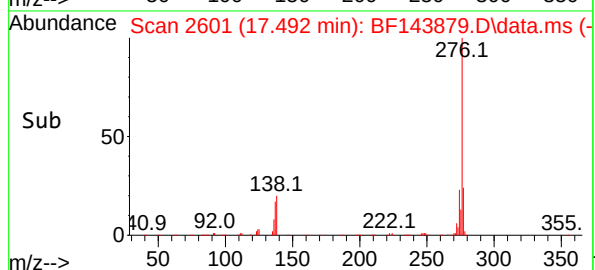
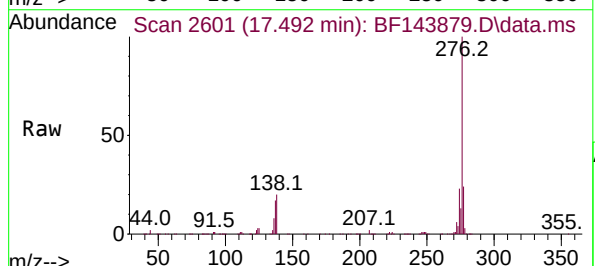
Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#92
Benzo(g,h,i)perylene
Concen: 45.340 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:276 Resp: 560761
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 20.1 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143880.D
 Acq On : 06 Oct 2025 13:23
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Oct 06 15:38:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	182011	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	710843	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	393762	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	674807	20.000	ng	0.00
76) Chrysene-d12	14.068	240	390779	20.000	ng	0.00
86) Perylene-d12	15.545	264	426414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1067519	93.138	ng	0.00
7) Phenol-d6	6.510	99	1277645	93.519	ng	0.00
23) Nitrobenzene-d5	7.451	82	1148649	98.174	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	390657	99.608	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1936883	78.050	ng	0.00
79) Terphenyl-d14	13.010	244	2083463	91.121	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	247738	46.709	ng	99
3) Pyridine	3.416	79	759117	49.164	ng	98
4) n-Nitrosodimethylamine	3.381	42	417134	51.355	ng	98
6) Aniline	6.551	93	994174	48.562	ng	99
8) 2-Chlorophenol	6.669	128	546266	48.757	ng	98
9) Benzaldehyde	6.439	77	545259	51.738	ng	99
10) Phenol	6.528	94	799210	48.932	ng	93
11) bis(2-Chloroethyl)ether	6.622	93	595127	47.169	ng	97
12) 1,3-Dichlorobenzene	6.828	146	607764	45.318	ng	98
13) 1,4-Dichlorobenzene	6.904	146	603407	45.612	ng	99
14) 1,2-Dichlorobenzene	7.057	146	583790	46.072	ng	99
15) Benzyl Alcohol	7.028	79	515929	50.402	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1368524	47.652	ng	99
17) 2-Methylphenol	7.134	107	448120	48.397	ng	99
18) Hexachloroethane	7.398	117	207432	47.017	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	441373	47.198	ng	98
20) 3+4-Methylphenols	7.292	107	485879	45.276	ng	# 83
22) Acetophenone	7.298	105	665276	44.262	ng	# 94
24) Nitrobenzene	7.475	77	625692	48.155	ng	98
25) Isophorone	7.716	82	1181135	47.877	ng	98
26) 2-Nitrophenol	7.786	139	296399	53.208	ng	99
27) 2,4-Dimethylphenol	7.816	122	480868	47.987	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	706471	45.333	ng	99
29) 2,4-Dichlorophenol	8.022	162	497289	47.642	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	473064	46.083	ng	98
31) Naphthalene	8.192	128	1451547	44.890	ng	100
32) Benzoic acid	7.945	122	384635	55.462	ng	98
33) 4-Chloroaniline	8.239	127	567726	46.813	ng	99
34) Hexachlorobutadiene	8.304	225	325186	45.586	ng	99
35) Caprolactam	8.628	113	167817	50.565	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	477376	47.612	ng	98
37) 2-Methylnaphthalene	8.881	142	935960	43.453	ng	99
38) 1-Methylnaphthalene	8.981	142	918550	43.965	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	491771	45.187	ng	99
41) Hexachlorocyclopentadiene	9.033	237	242390	53.686	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	376991	47.410	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143880.D
 Acq On : 06 Oct 2025 13:23
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Oct 06 15:38:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

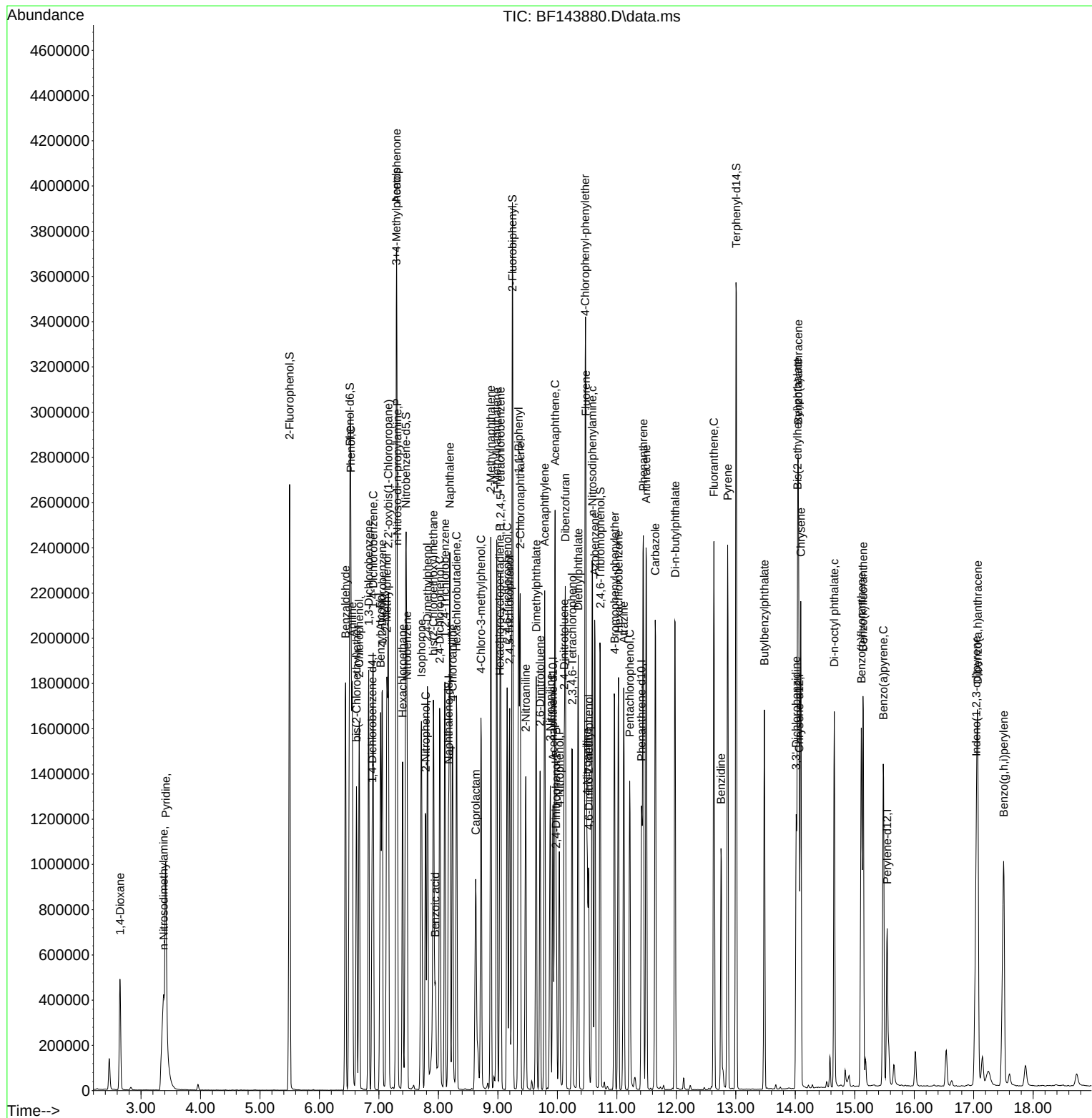
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	395213	47.031	ng	99
46) 1,1'-Biphenyl	9.351	154	1116775	42.837	ng	99
47) 2-Chloronaphthalene	9.375	162	972675	44.748	ng	98
48) 2-Nitroaniline	9.469	65	348179	50.665	ng	96
49) Acenaphthylene	9.786	152	1364193	44.642	ng	100
50) Dimethylphthalate	9.645	163	1147448	45.888	ng	99
51) 2,6-Dinitrotoluene	9.710	165	246567	53.176	ng	99
52) Acenaphthene	9.963	154	883487	44.122	ng	99
53) 3-Nitroaniline	9.880	138	291630	51.366	ng	97
54) 2,4-Dinitrophenol	9.980	184	140496	51.801	ng	# 82
55) Dibenzofuran	10.133	168	1233091	43.625	ng	99
56) 4-Nitrophenol	10.033	139	226765	52.750	ng	96
57) 2,4-Dinitrotoluene	10.116	165	329984	52.304	ng	98
58) Fluorene	10.480	166	882946	41.398	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	294987	49.591	ng	# 98
60) Diethylphthalate	10.351	149	1053032	45.330	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	477108	42.311	ng	98
62) 4-Nitroaniline	10.498	138	282713	51.782	ng	98
63) Azobenzene	10.627	77	1096875	45.178	ng	97
65) 4,6-Dinitro-2-methylph...	10.527	198	188400	55.558	ng	99
66) n-Nitrosodiphenylamine	10.586	169	943991	44.552	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	339818	45.566	ng	97
68) Hexachlorobenzene	11.027	284	407614	47.211	ng	97
69) Atrazine	11.116	200	309799	48.240	ng	99
70) Pentachlorophenol	11.216	266	259359	52.304	ng	98
71) Phenanthrene	11.445	178	1419666	43.395	ng	100
72) Anthracene	11.492	178	1440404	43.583	ng	99
73) Carbazole	11.645	167	1291982	44.139	ng	99
74) Di-n-butylphthalate	11.980	149	1534951	45.246	ng	100
75) Fluoranthene	12.633	202	1478181	43.744	ng	99
77) Benzidine	12.751	184	636126	46.882	ng	99
78) Pyrene	12.863	202	1505326	46.206	ng	99
80) Butylbenzylphthalate	13.480	149	532754	50.352	ng	99
81) Benzo(a)anthracene	14.051	228	1203843	47.075	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	391334	50.214	ng	98
83) Chrysene	14.092	228	1090275	46.065	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	626818	49.146	ng	99
85) Di-n-octyl phthalate	14.657	149	1082833	51.691	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	1316167	50.373	ng	100
88) Benzo(b)fluoranthene	15.110	252	1167220	47.652	ng	98
89) Benzo(k)fluoranthene	15.139	252	983488	43.392	ng	98
90) Benzo(a)pyrene	15.480	252	997382	46.960	ng	97
91) Dibenzo(a,h)anthracene	17.068	278	1039281	49.457	ng	97
92) Benzo(g,h,i)perylene	17.503	276	1056021	50.253	ng	100

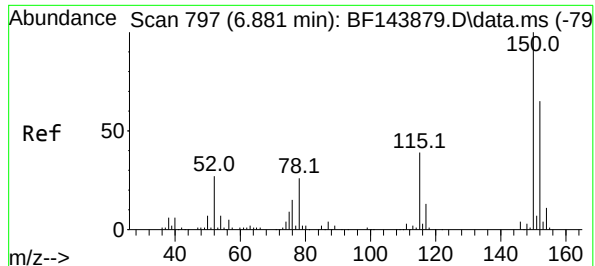
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 06 Oct 2025 13:23  
Operator  : RC/JU  
Sample    : SSTDICC050  
Misc      :  
ALS Vial  : 7    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 06 15:38:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

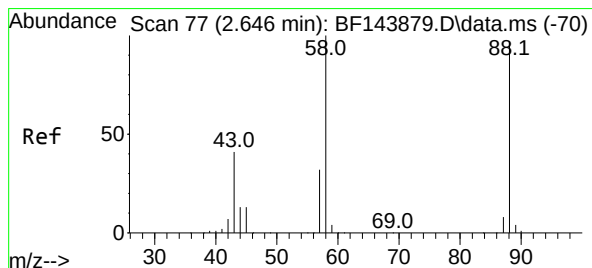
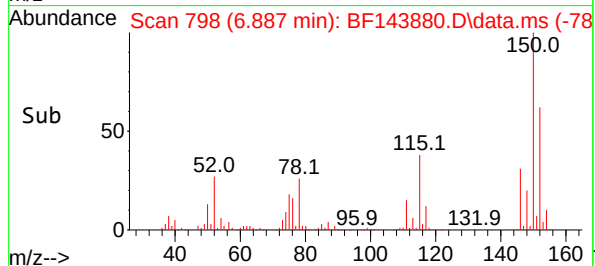
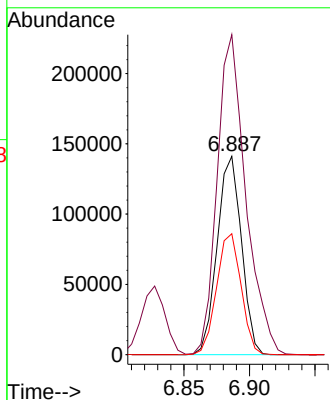
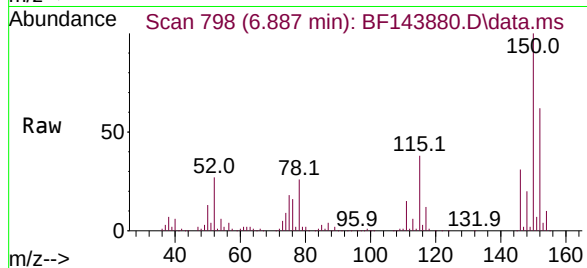




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

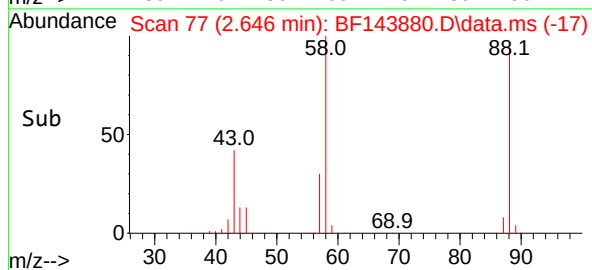
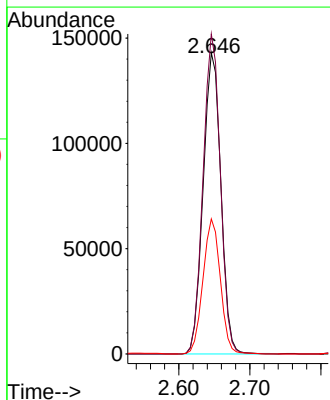
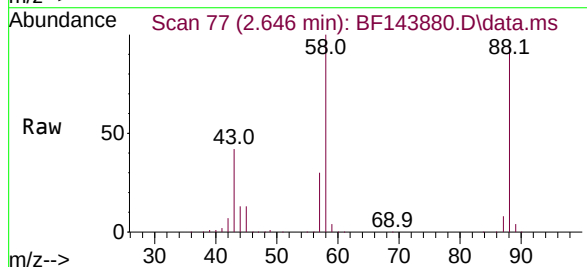
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

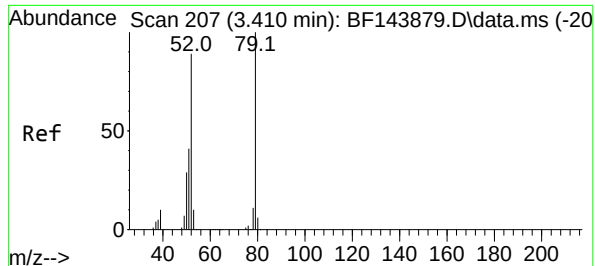
Tgt Ion:152 Resp: 182011
Ion Ratio Lower Upper
152 100
150 161.3 124.4 186.6
115 60.9 48.1 72.1



#2
1,4-Dioxane
Concen: 46.709 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 88 Resp: 247738
Ion Ratio Lower Upper
88 100
58 103.6 83.0 124.6
43 43.8 33.9 50.9





#3

Pyridine

Concen: 49.164 ng

RT: 3.416 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

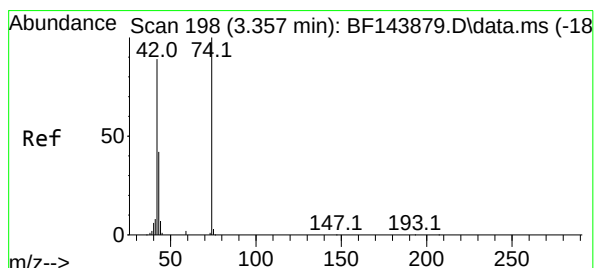
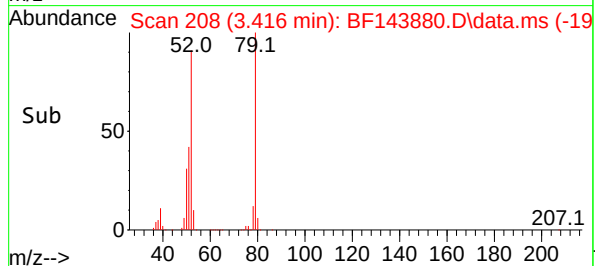
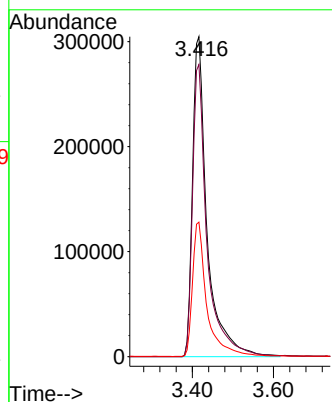
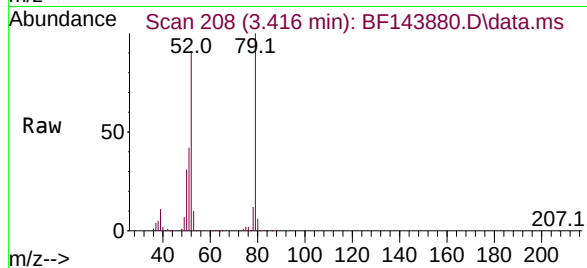
Tgt Ion: 79 Resp: 759117

Ion Ratio Lower Upper

79 100

52 91.3 71.5 107.3

51 42.0 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 51.355 ng

RT: 3.381 min Scan# 202

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

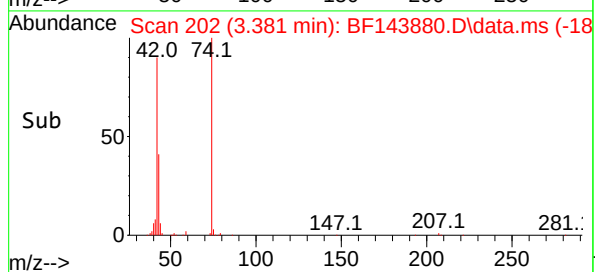
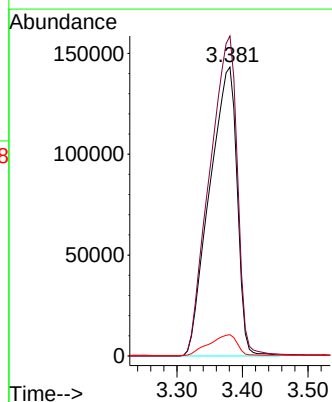
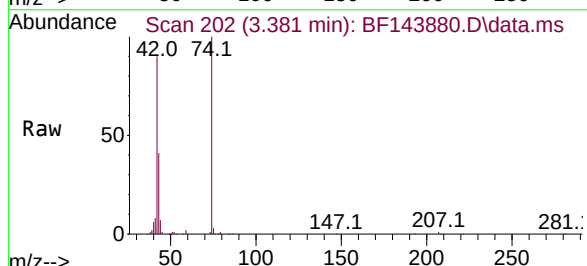
Tgt Ion: 42 Resp: 417134

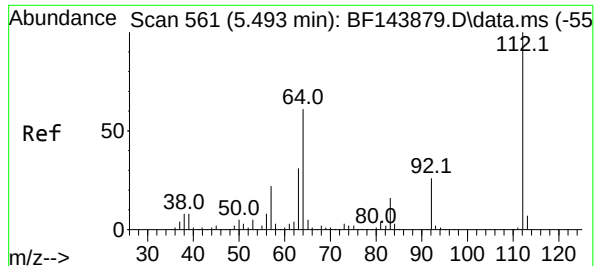
Ion Ratio Lower Upper

42 100

74 110.8 90.0 135.0

44 7.3 6.2 9.2

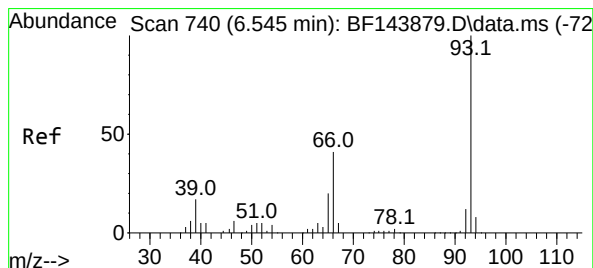
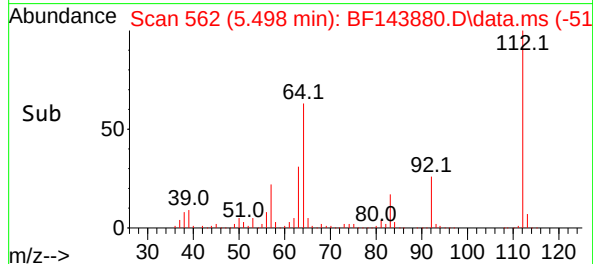
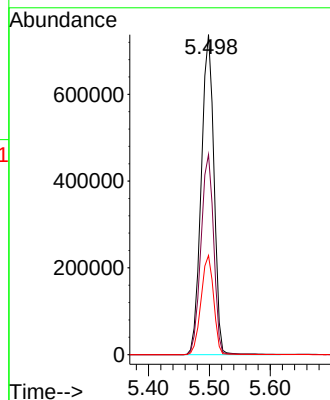
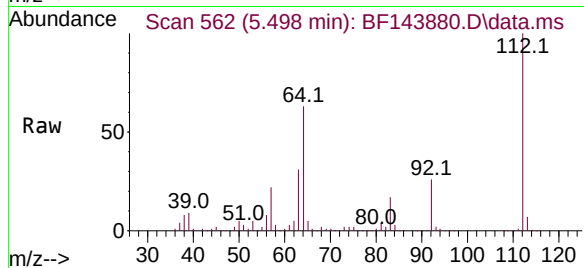




#5
2-Fluorophenol
Concen: 93.138 ng
RT: 5.498 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

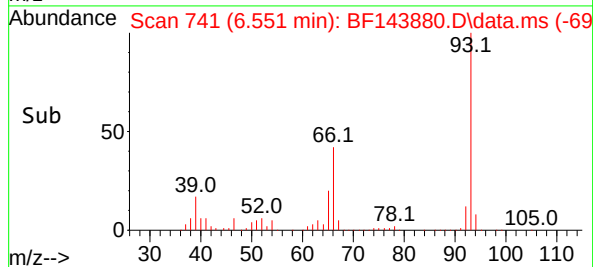
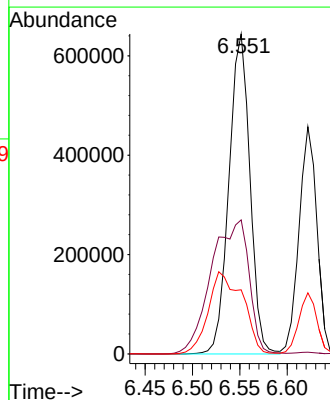
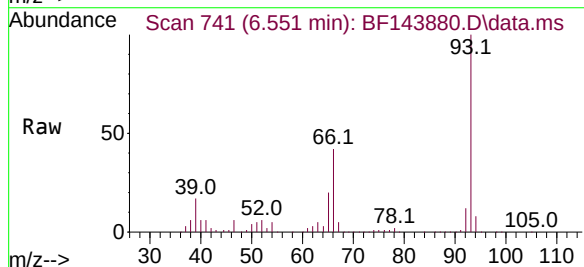
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

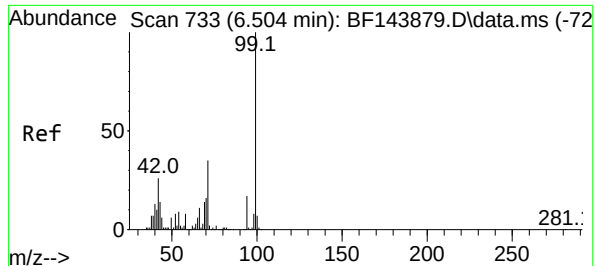
Tgt Ion:112 Resp: 1067519
Ion Ratio Lower Upper
112 100
64 62.5 49.1 73.7
63 31.0 24.5 36.7



#6
Aniline
Concen: 48.562 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 93 Resp: 994174
Ion Ratio Lower Upper
93 100
66 41.9 33.0 49.6
65 20.0 15.8 23.8

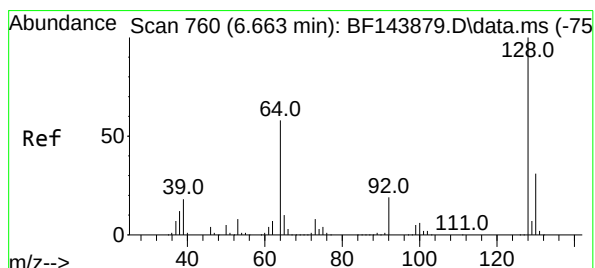
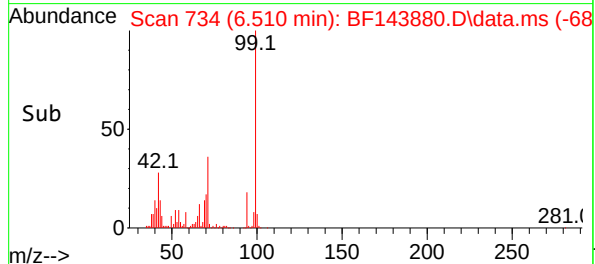
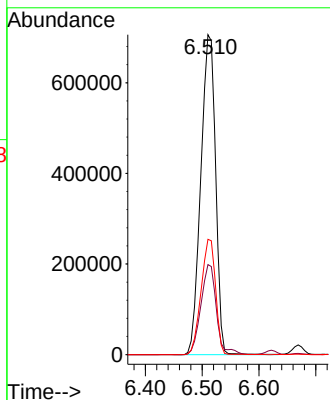
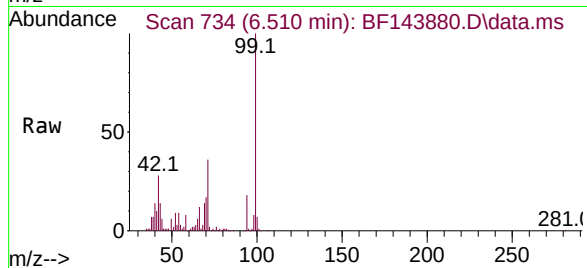




#7
Phenol-d6
Concen: 93.519 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

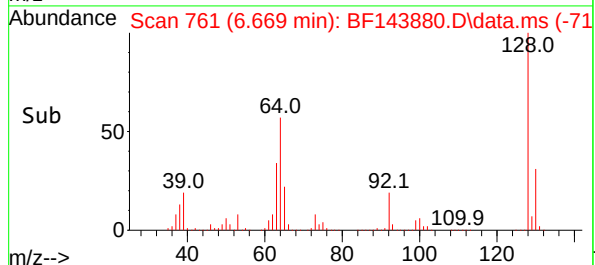
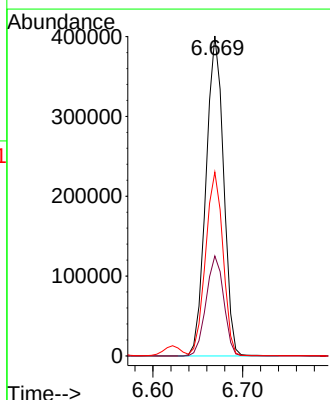
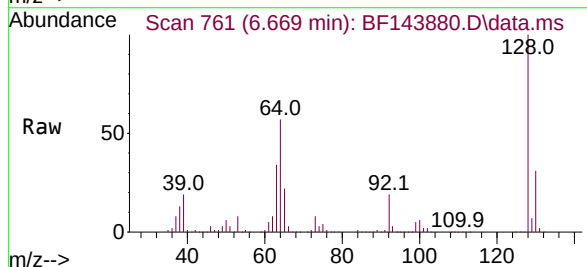
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

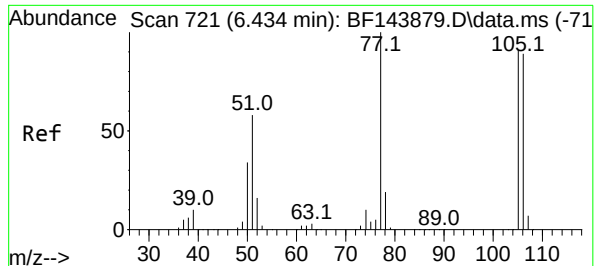
Tgt Ion: 99 Resp: 1277645
Ion Ratio Lower Upper
99 100
42 28.1 21.0 31.4
71 36.0 27.8 41.8



#8
2-Chlorophenol
Concen: 48.757 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 128 Resp: 546266
Ion Ratio Lower Upper
128 100
130 31.2 10.7 50.7
64 57.4 39.0 79.0



#9
Benzaldehyde

Concen: 51.738 ng

RT: 6.439 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

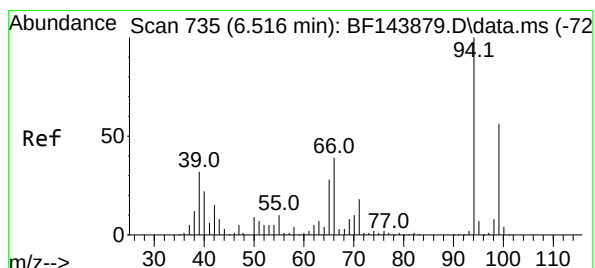
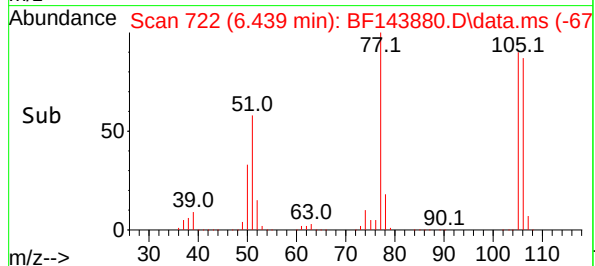
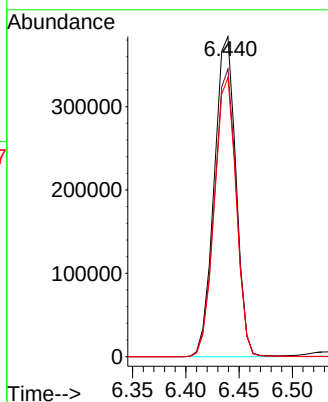
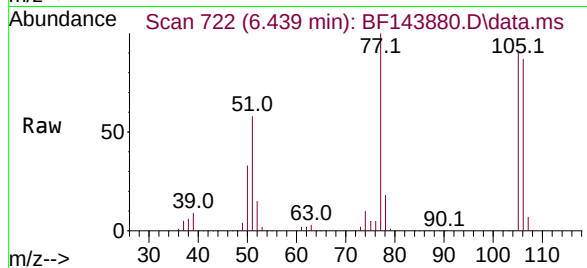
Tgt Ion: 77 Resp: 545259

Ion Ratio Lower Upper

77 100

105 89.9 70.9 110.9

106 87.2 68.9 108.9



#10

Phenol

Concen: 48.932 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

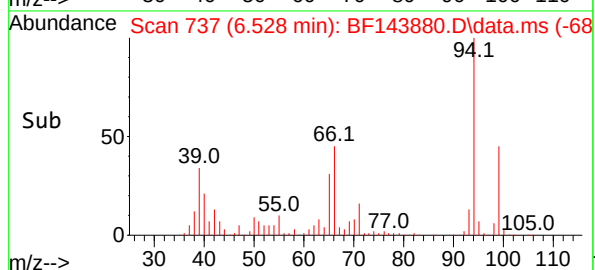
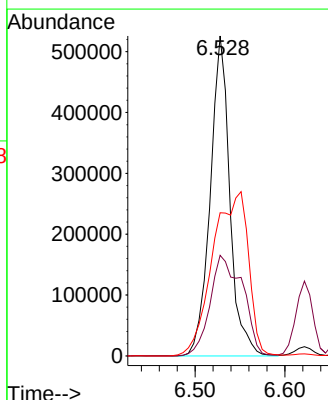
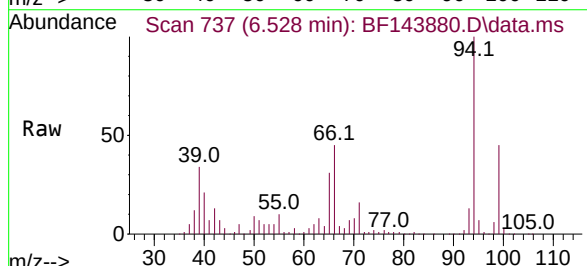
Tgt Ion: 94 Resp: 799210

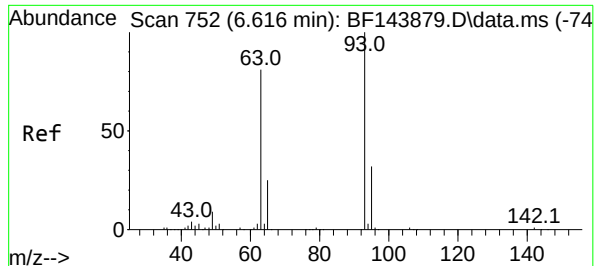
Ion Ratio Lower Upper

94 100

65 31.4 8.5 48.5

66 44.7 19.9 59.9

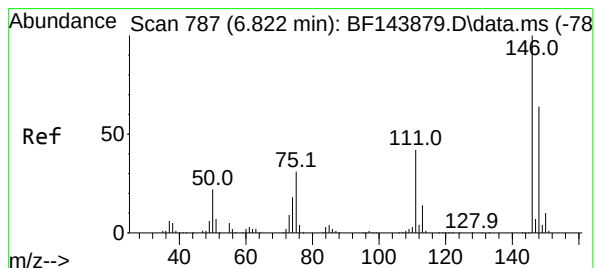
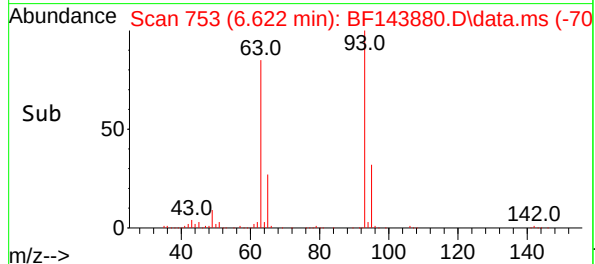
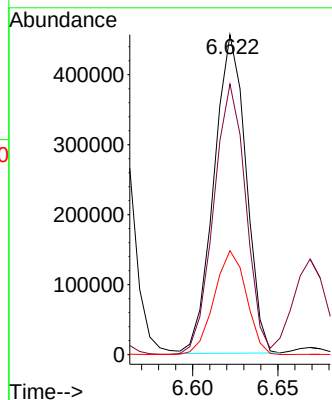
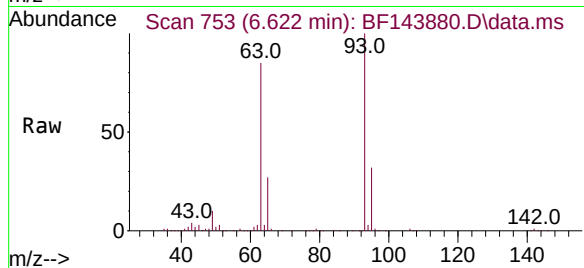




#11
bis(2-Chloroethyl)ether
Concen: 47.169 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

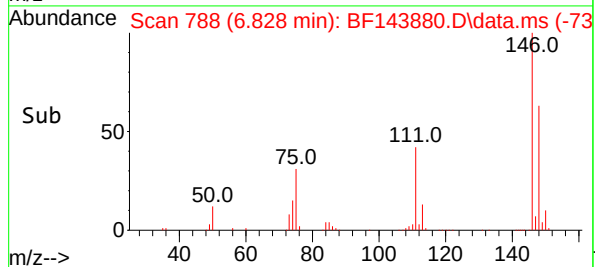
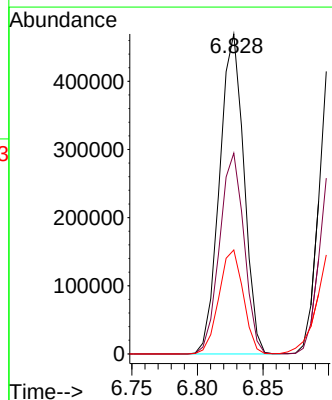
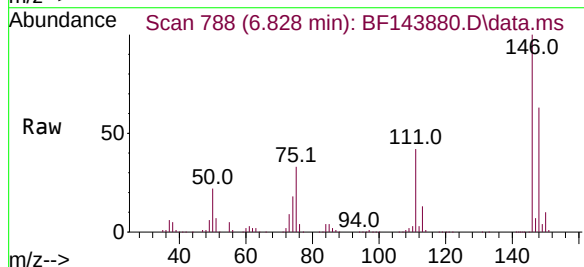
Instrument :
BNA_F
ClientSampleId :
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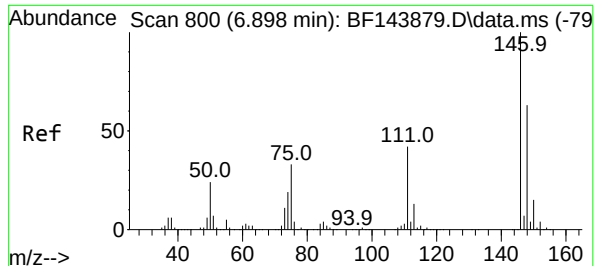
Tgt Ion: 93 Resp: 595127
Ion Ratio Lower Upper
93 100
63 84.5 60.9 100.9
95 32.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 45.318 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:146 Resp: 607764
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.4
75 32.5 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 45.612 ng

RT: 6.904 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

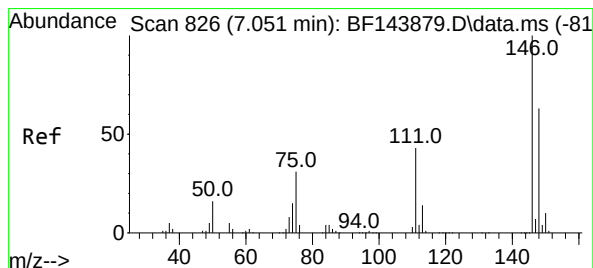
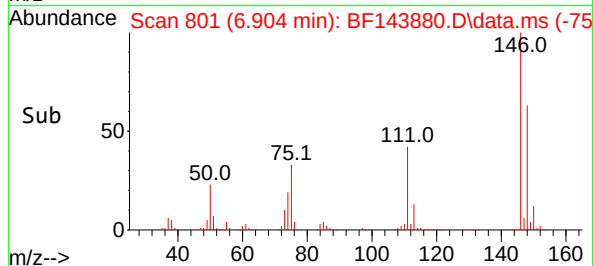
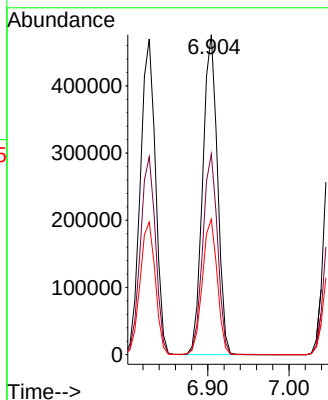
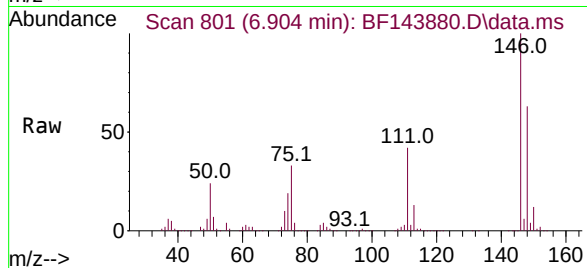
Tgt Ion:146 Resp: 603407

Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

111 42.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 46.072 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

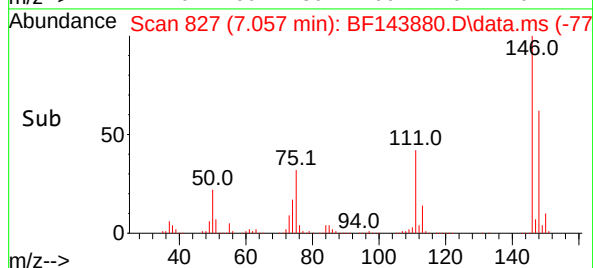
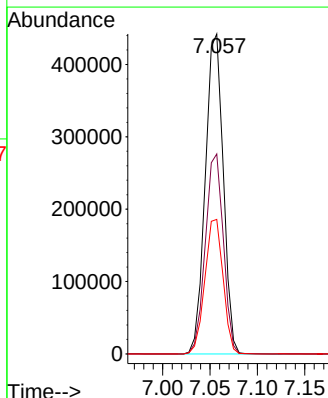
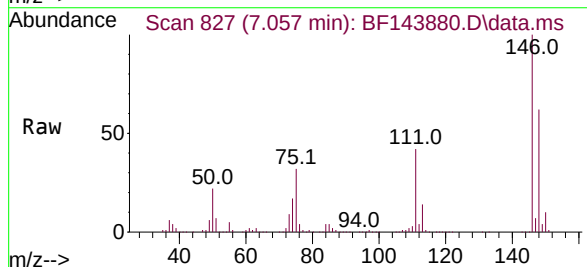
Tgt Ion:146 Resp: 583790

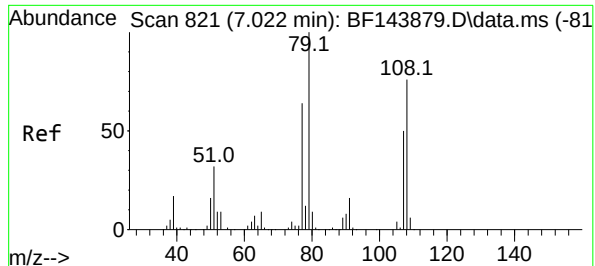
Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

111 42.0 34.6 51.8

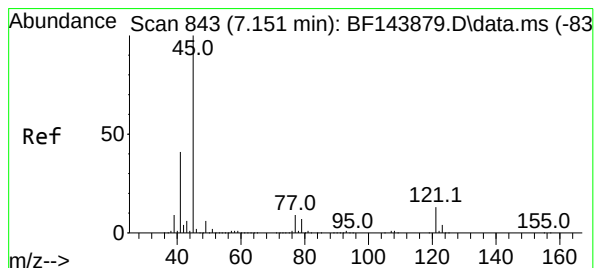
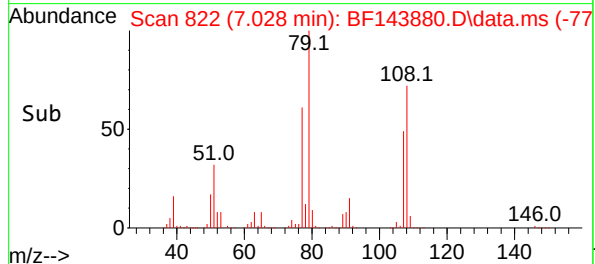
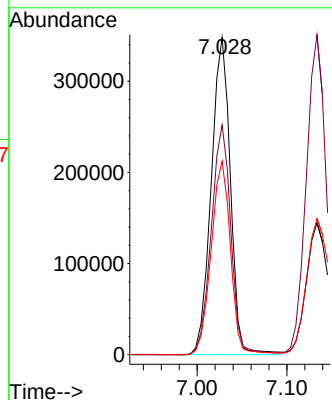
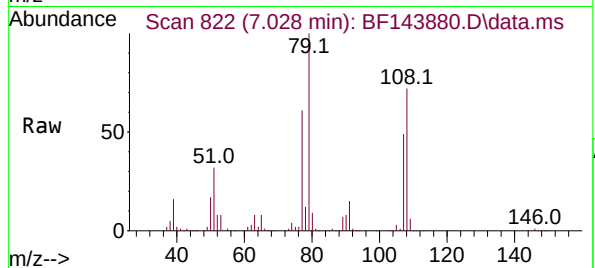




#15
Benzyl Alcohol
Concen: 50.402 ng
RT: 7.028 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

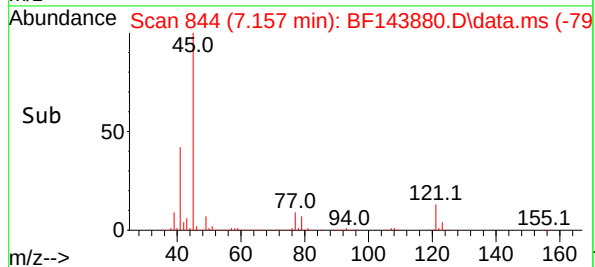
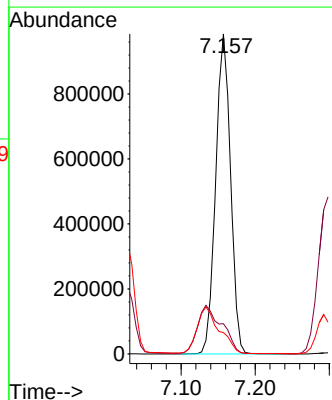
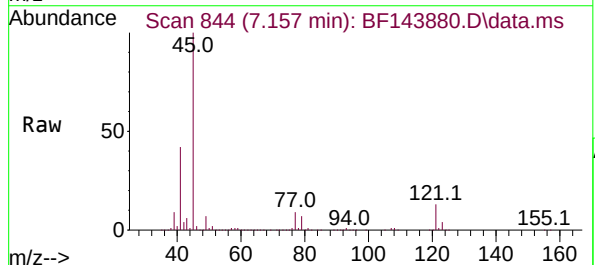
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

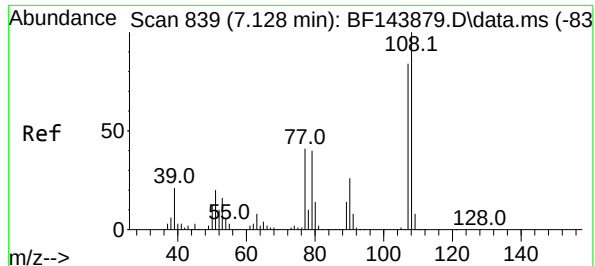
Tgt Ion: 79 Resp: 515929
Ion Ratio Lower Upper
79 100
108 72.4 60.8 91.2
77 61.0 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.652 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 45 Resp: 1368524
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.0
79 6.7 0.0 26.8

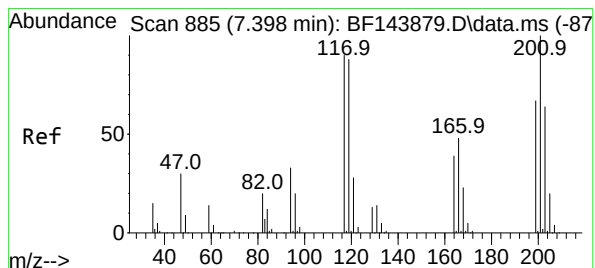
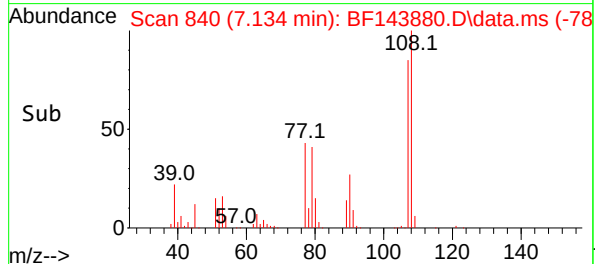
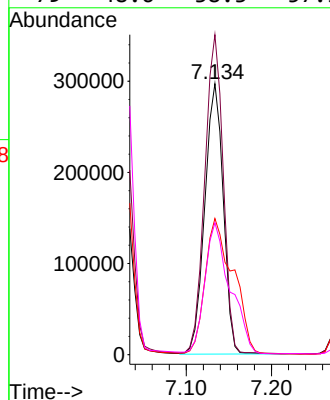
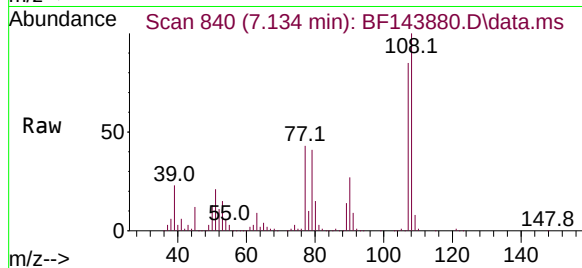




#17
2-Methylphenol
Concen: 48.397 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

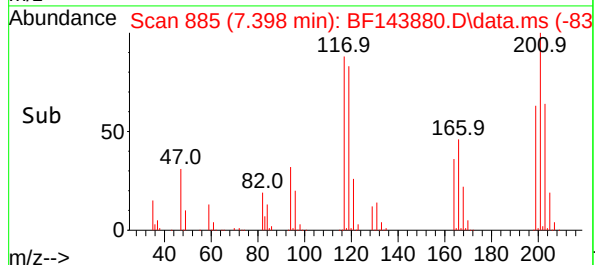
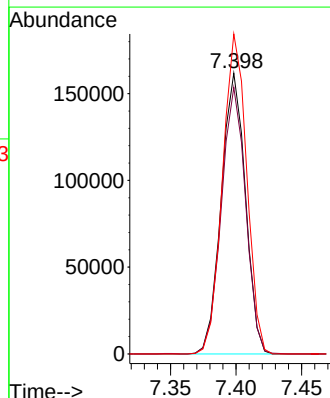
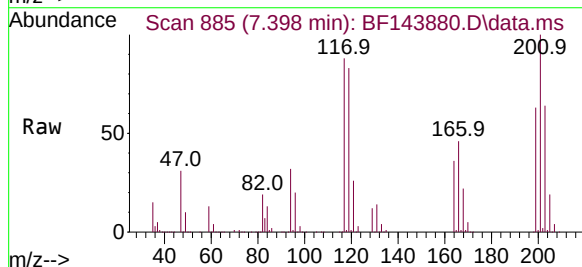
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

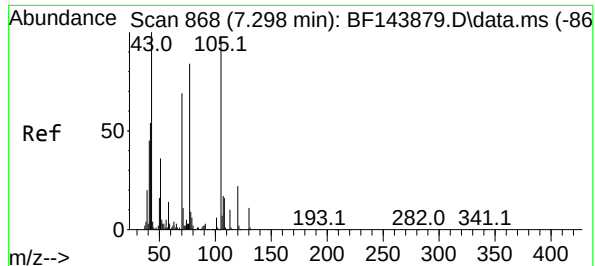
Tgt Ion:107 Resp: 448120
Ion Ratio Lower Upper
107 100
108 118.1 94.7 142.1
77 50.2 38.8 58.2
79 48.6 38.3 57.5



#18
Hexachloroethane
Concen: 47.017 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:117 Resp: 207432
Ion Ratio Lower Upper
117 100
119 94.9 77.8 116.8
201 114.0 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 47.198 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 441373

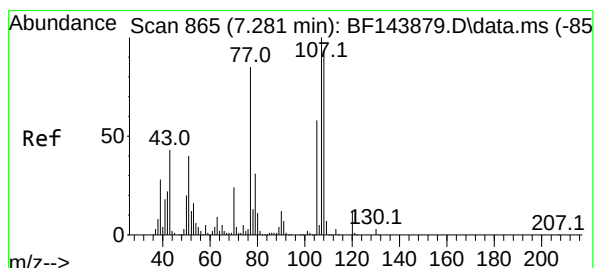
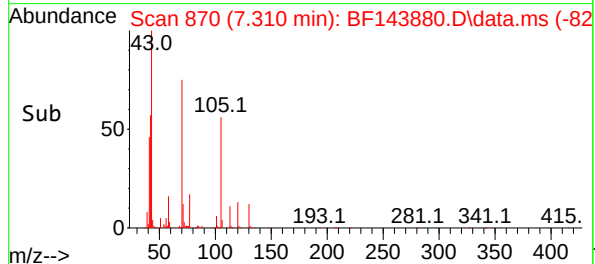
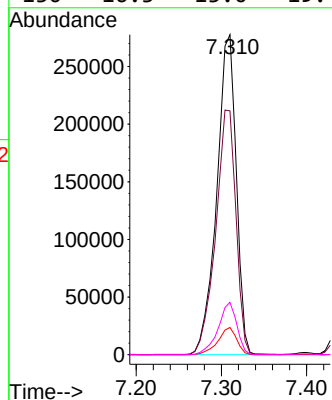
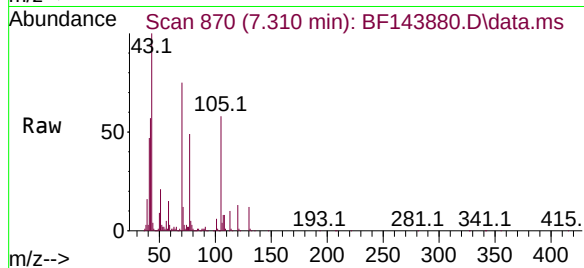
Ion Ratio Lower Upper

70 100

42 76.2 62.8 94.2

101 8.5 6.7 10.1

130 16.3 13.0 19.4



#20

3+4-Methylphenols

Concen: 45.276 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:107 Resp: 485879

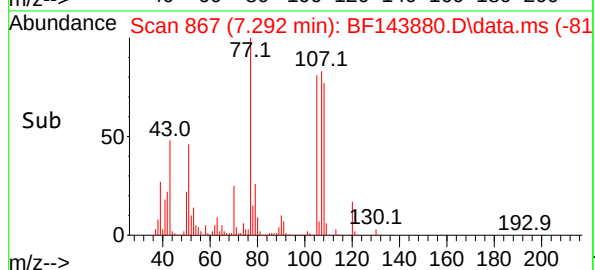
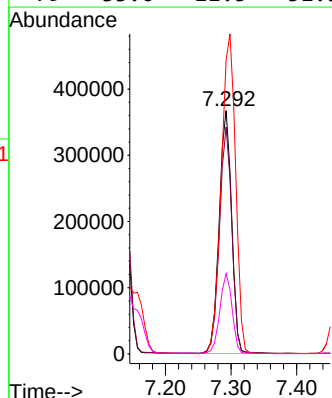
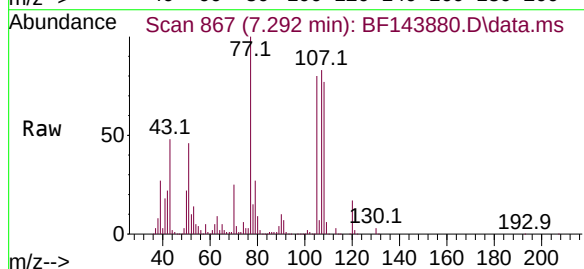
Ion Ratio Lower Upper

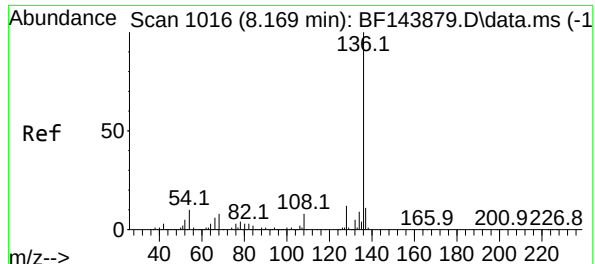
107 100

108 93.2 73.0 113.0

77 120.9 64.6 104.6#

79 33.0 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 710843

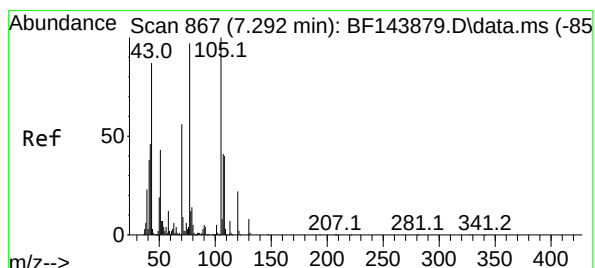
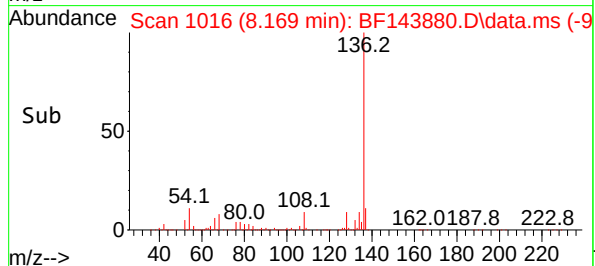
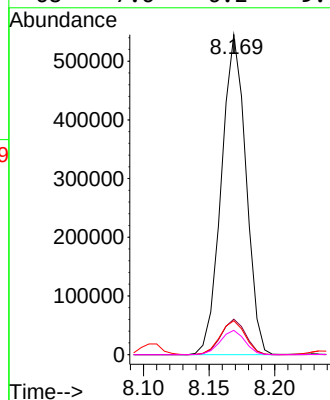
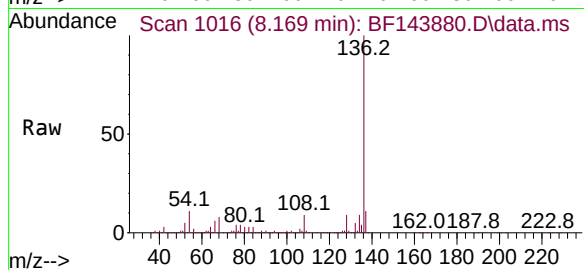
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.6 8.2 12.4

68 7.6 6.2 9.4



#22

Acetophenone

Concen: 44.262 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:105 Resp: 665276

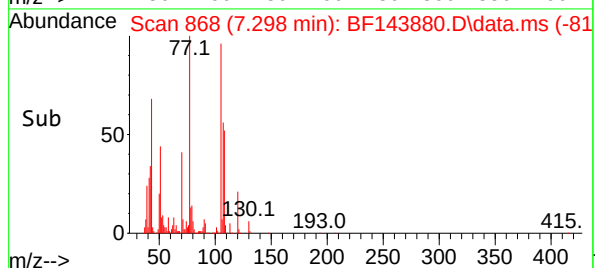
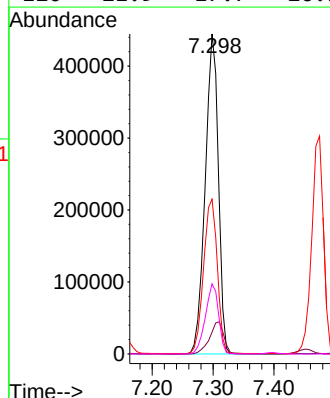
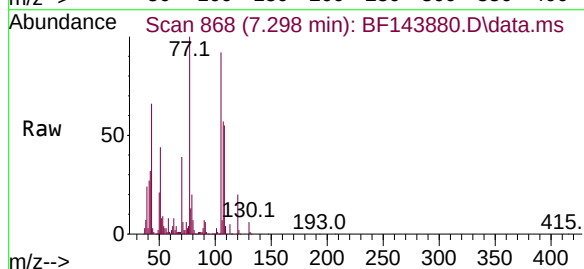
Ion Ratio Lower Upper

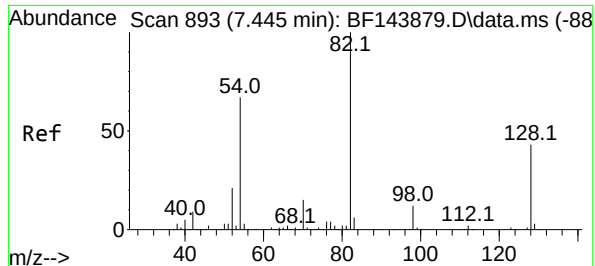
105 100

71 6.8 7.4 11.0#

51 48.3 34.2 51.4

120 21.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 98.174 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

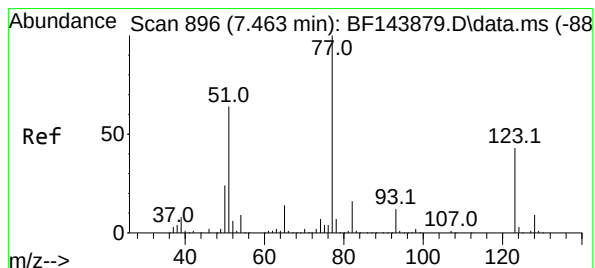
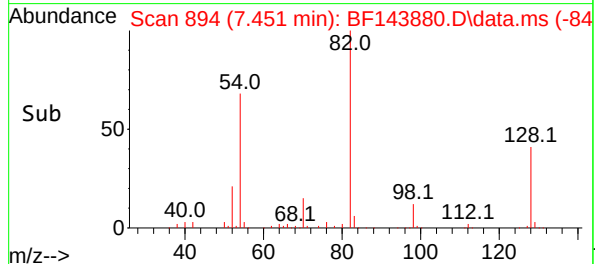
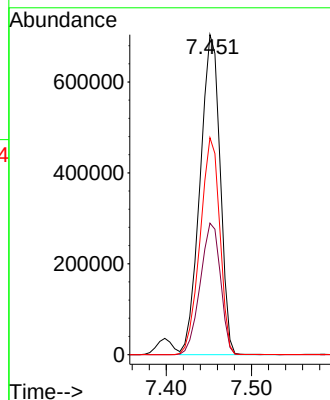
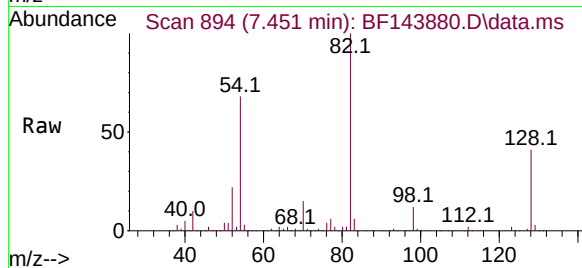
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1148649

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.0	51.0
54	67.8	53.2	79.8



#24

Nitrobenzene

Concen: 48.155 ng

RT: 7.475 min Scan# 898

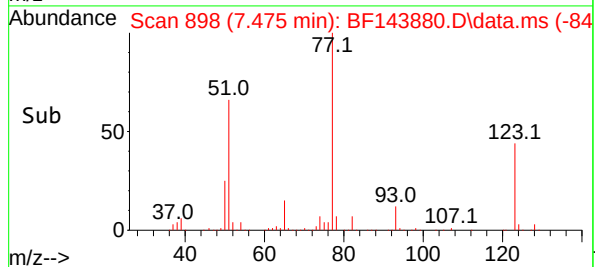
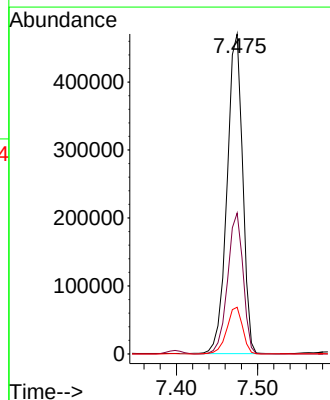
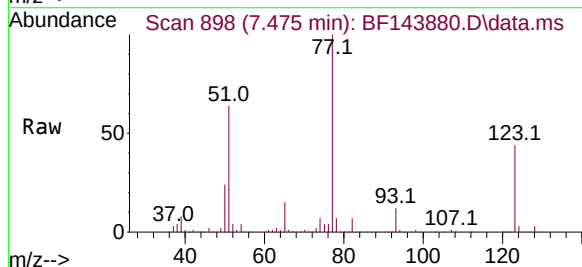
Delta R.T. 0.000 min

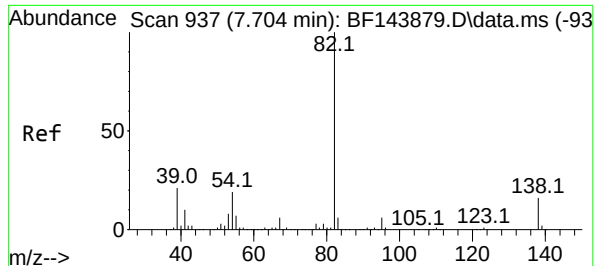
Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion: 77 Resp: 625692

Ion	Ratio	Lower	Upper
77	100		
123	44.0	34.2	51.4
65	14.6	11.0	16.6

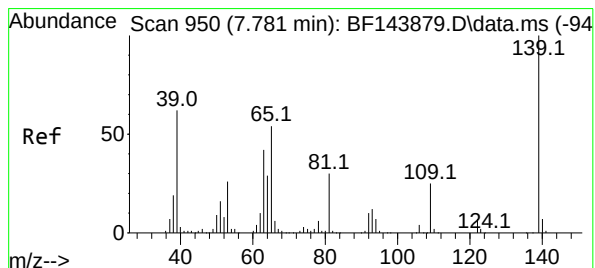
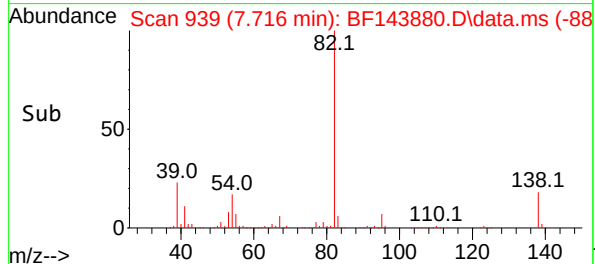
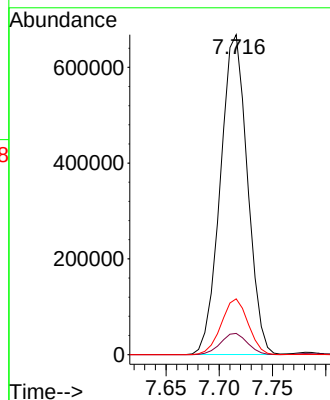
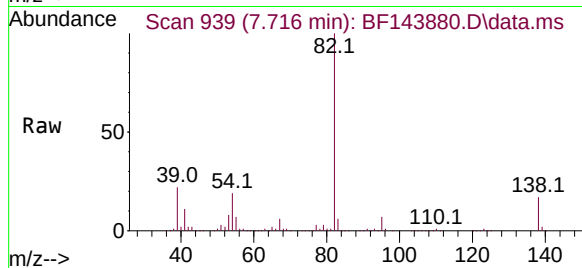




#25
Isophorone
Concen: 47.877 ng
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

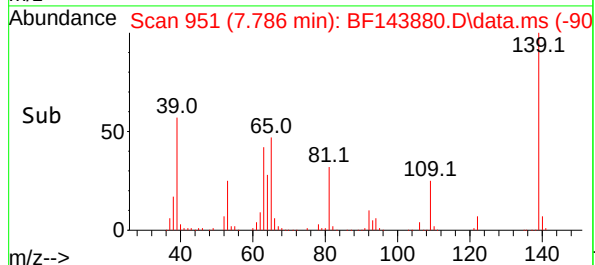
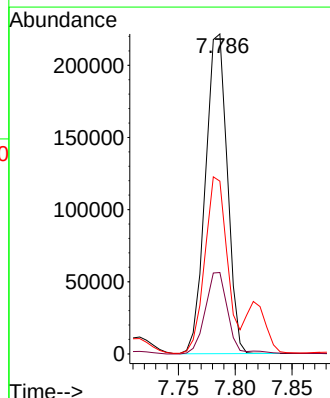
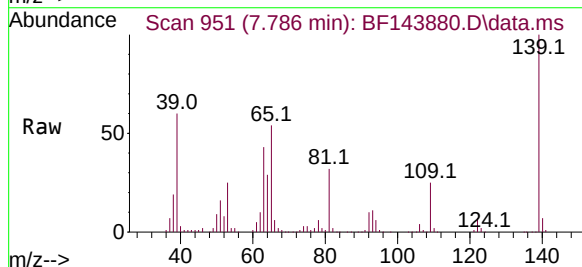
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

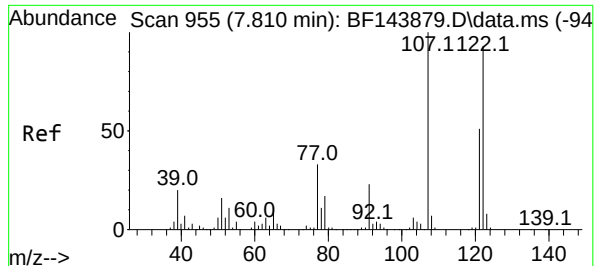
Tgt Ion: 82 Resp: 1181135
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 17.4 12.9 19.3



#26
2-Nitrophenol
Concen: 53.208 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 139 Resp: 296399
Ion Ratio Lower Upper
139 100
109 25.5 19.8 29.6
65 54.0 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 47.987 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

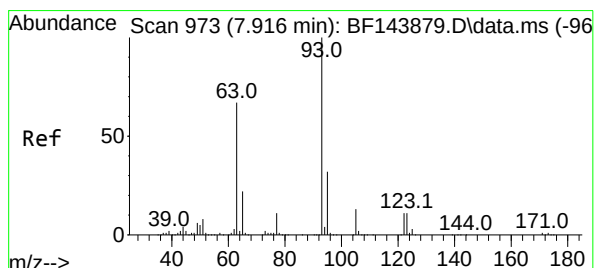
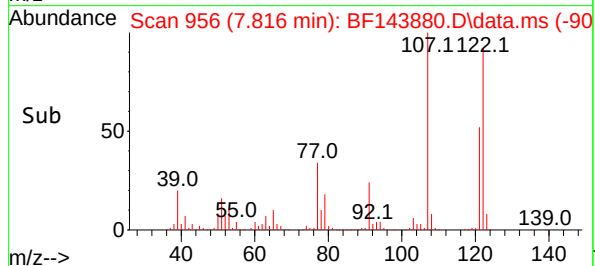
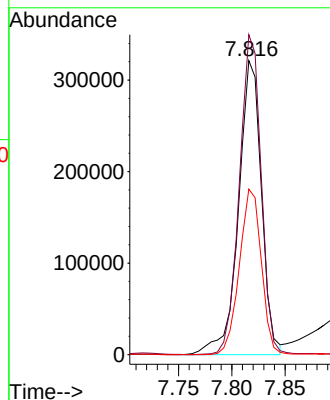
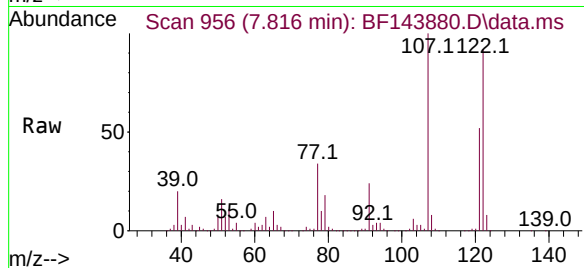
Tgt Ion:122 Resp: 480868

Ion Ratio Lower Upper

122 100

107 108.8 86.1 129.1

121 56.3 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.333 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

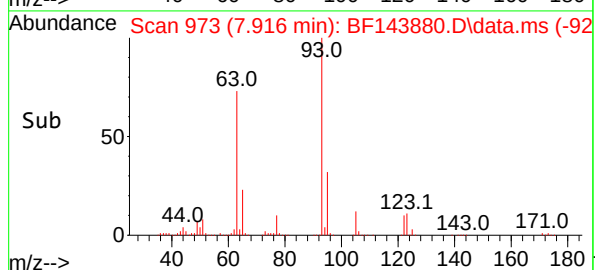
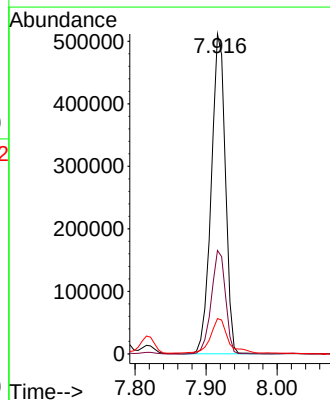
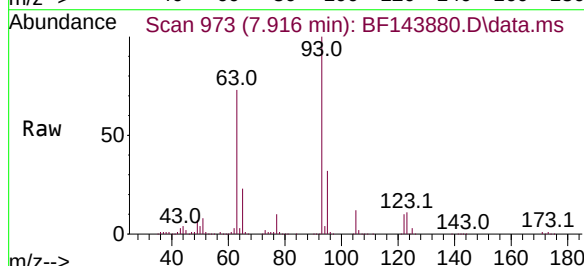
Tgt Ion: 93 Resp: 706471

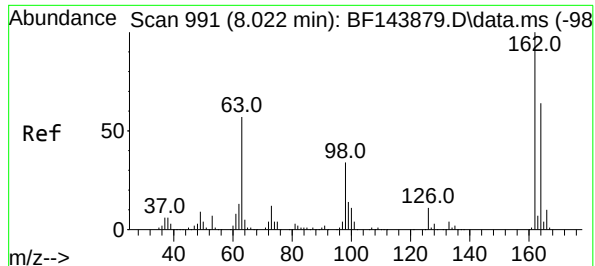
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.642 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

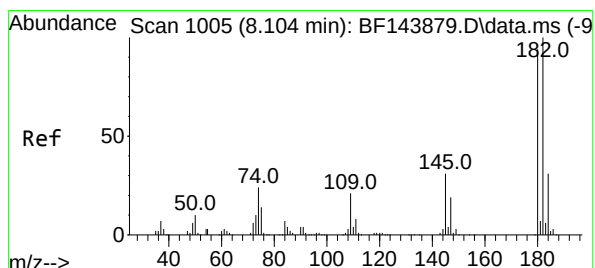
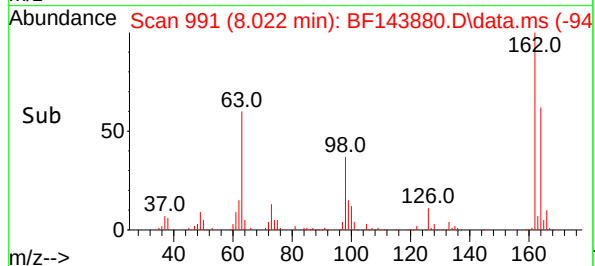
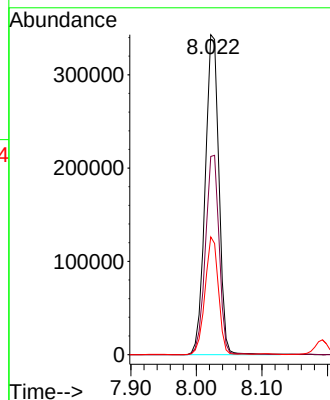
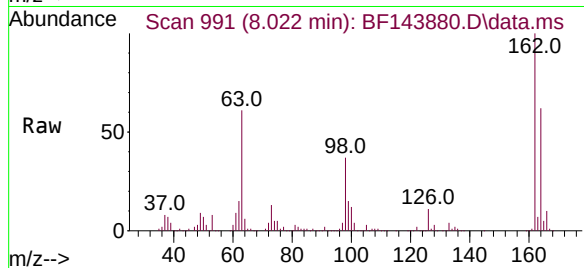
Tgt Ion:162 Resp: 497289

Ion Ratio Lower Upper

162 100

164 61.9 43.9 83.9

98 36.8 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 46.083 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

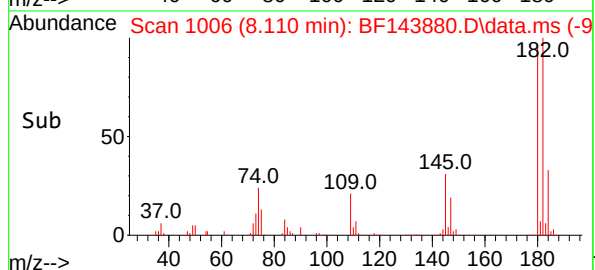
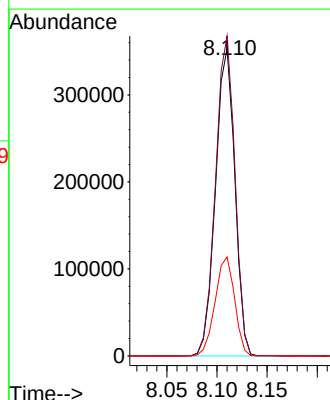
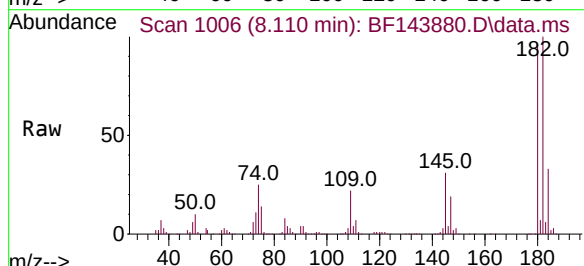
Tgt Ion:180 Resp: 473064

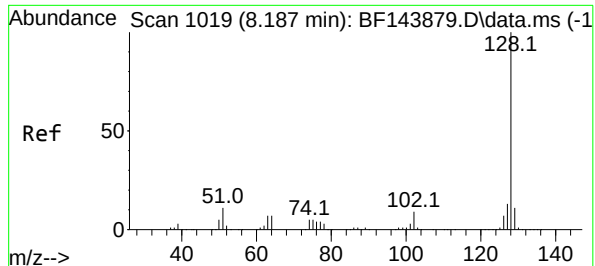
Ion Ratio Lower Upper

180 100

182 104.1 85.4 128.0

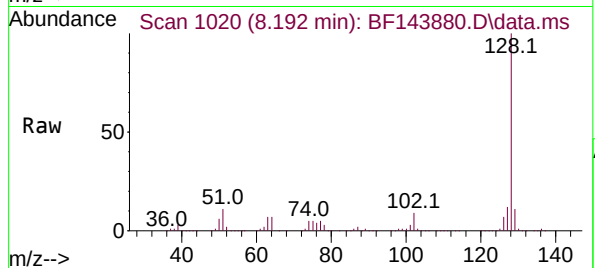
145 32.2 26.3 39.5



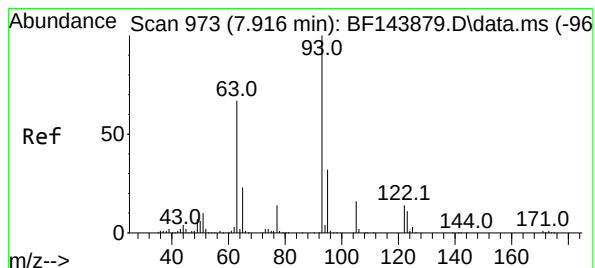
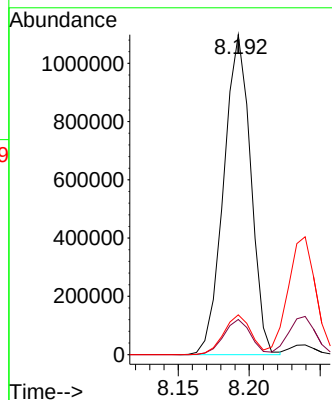
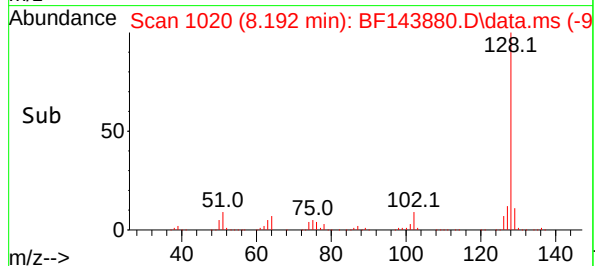


#31
Naphthalene
Concen: 44.890 ng
RT: 8.192 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

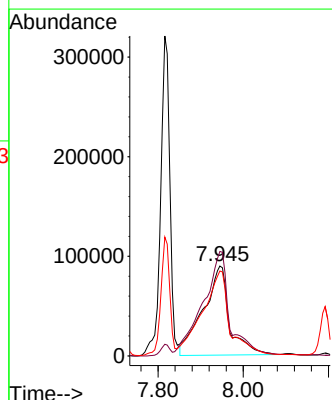
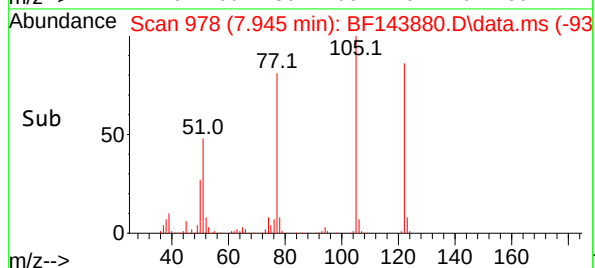
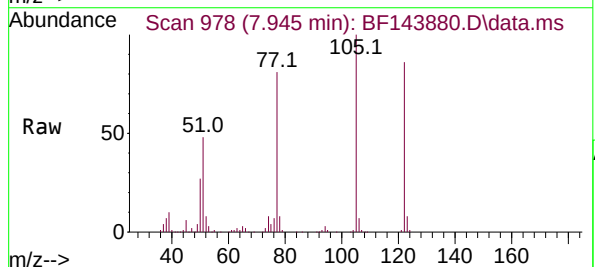


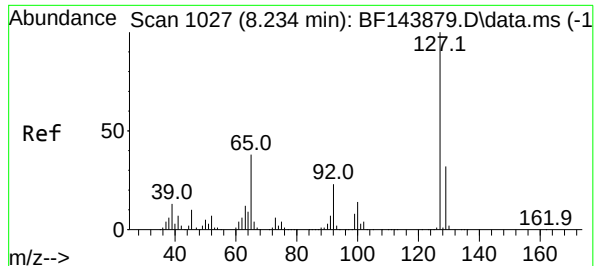
Tgt Ion:128 Resp: 1451547
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.4 10.0 15.0



#32
Benzoic acid
Concen: 55.462 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.018 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:122 Resp: 384635
Ion Ratio Lower Upper
122 100
105 116.3 93.5 133.5
77 94.5 76.3 116.3

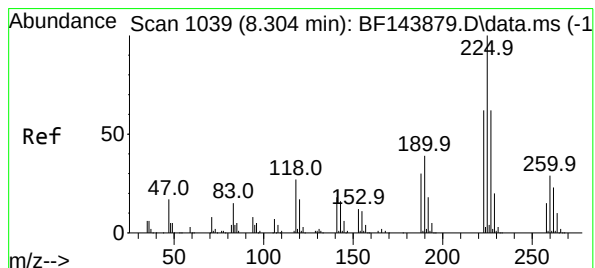
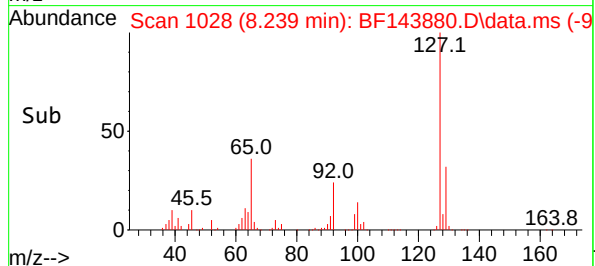
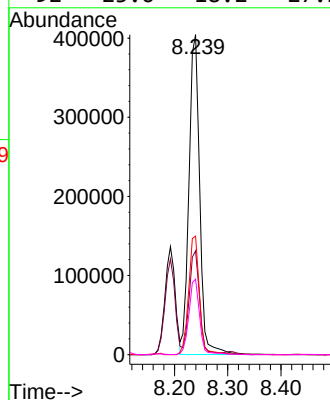
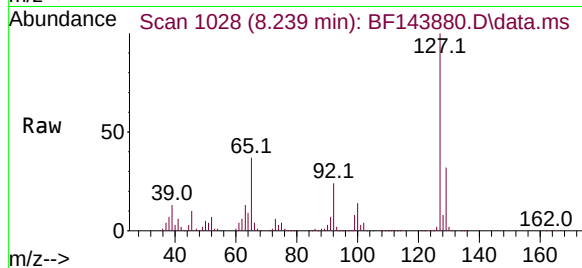




#33
4-Chloroaniline
Concen: 46.813 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

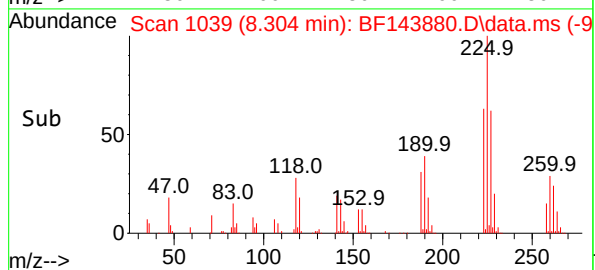
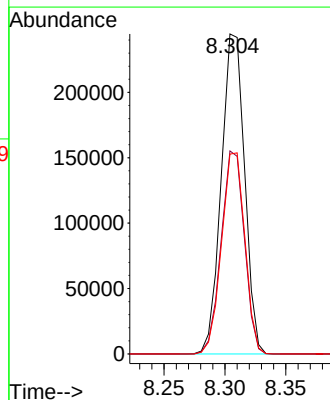
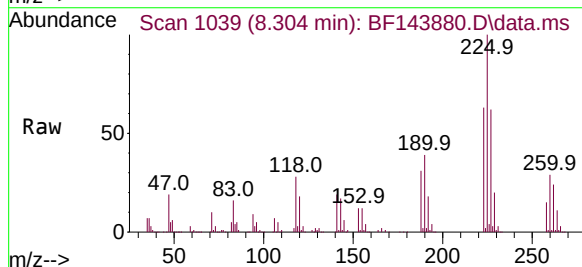
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

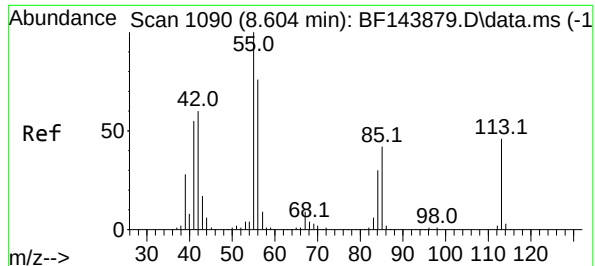
Tgt Ion:	127	Resp:	567726
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	37.0	30.0	45.0
92	23.6	18.2	27.2



#34
Hexachlorobutadiene
Concen: 45.586 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:	225	Resp:	325186
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.2
227	62.4	49.7	74.5

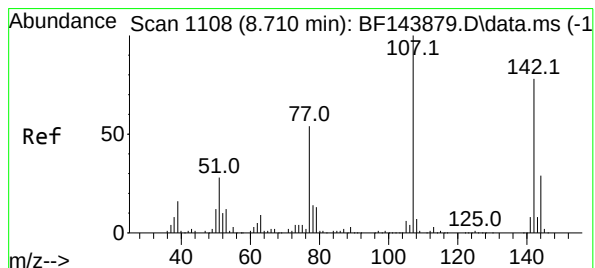
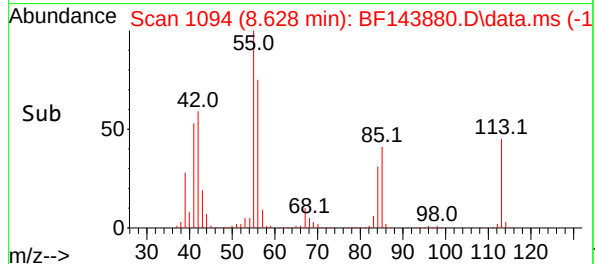
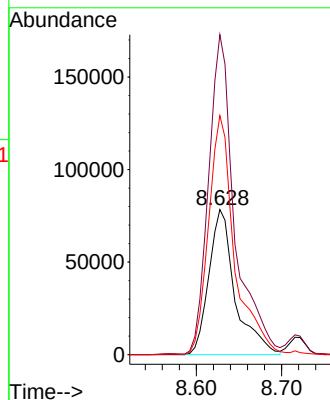
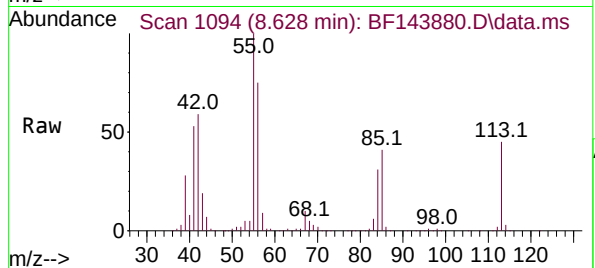




#35
Caprolactam
Concen: 50.565 ng
RT: 8.628 min Scan# 1094
Delta R.T. -0.018 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

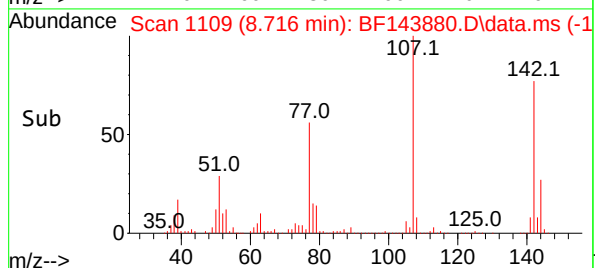
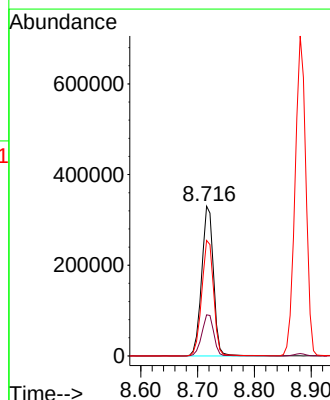
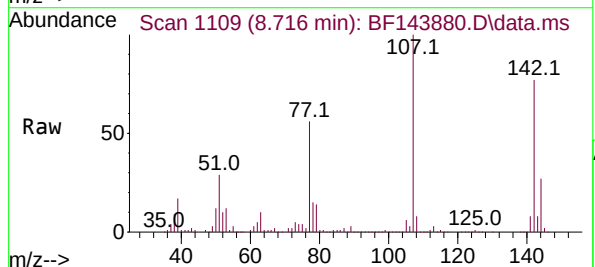
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

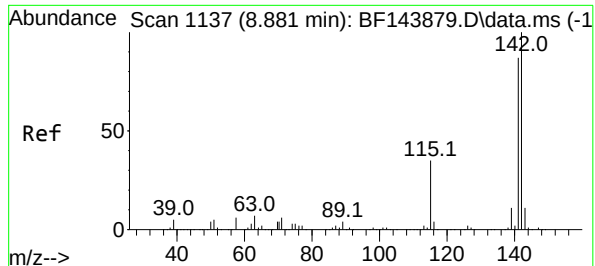
Tgt Ion:113 Resp: 167817
Ion Ratio Lower Upper
113 100
55 220.6 199.6 239.6
56 164.8 146.0 186.0



#36
4-Chloro-3-methylphenol
Concen: 47.612 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:107 Resp: 477376
Ion Ratio Lower Upper
107 100
144 27.5 23.1 34.7
142 77.1 62.6 94.0





#37

2-Methylnaphthalene

Concen: 43.453 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

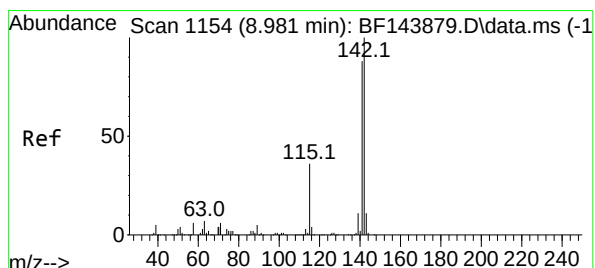
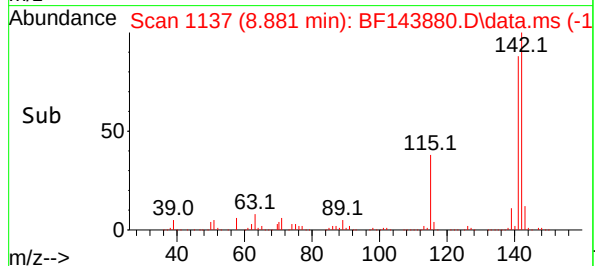
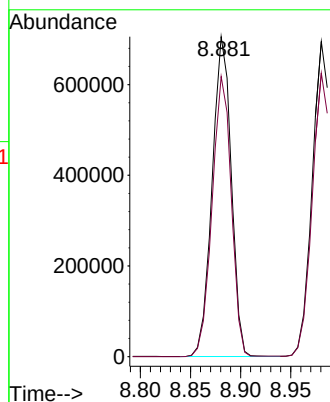
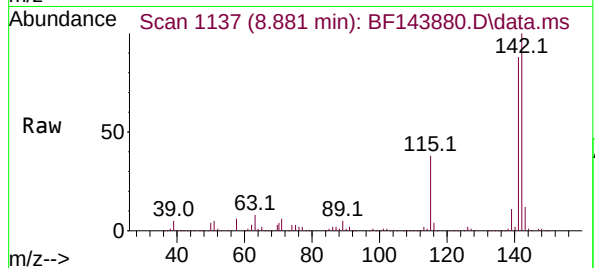
SSTDICC050

Tgt Ion:142 Resp: 935960

Ion Ratio Lower Upper

142 100

141 87.5 69.2 103.8



#38

1-Methylnaphthalene

Concen: 43.965 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143880.D

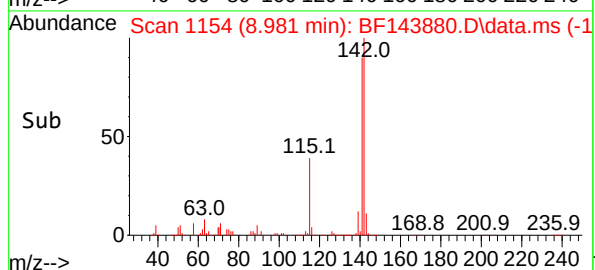
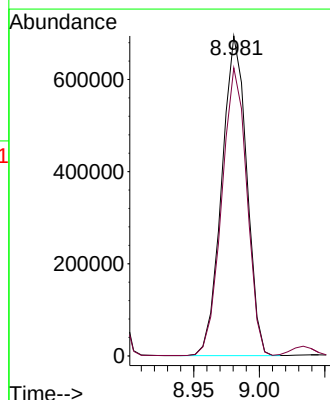
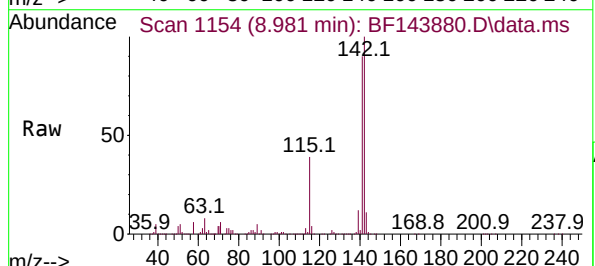
Acq: 06 Oct 2025 13:23

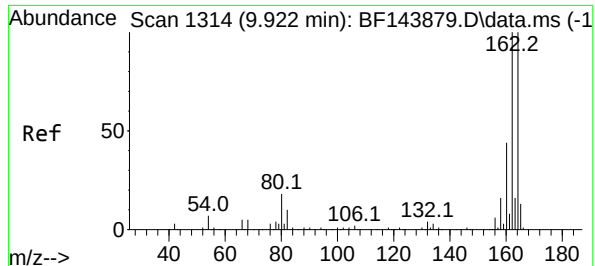
Tgt Ion:142 Resp: 918550

Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1314

Delta R.T. 0.001 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

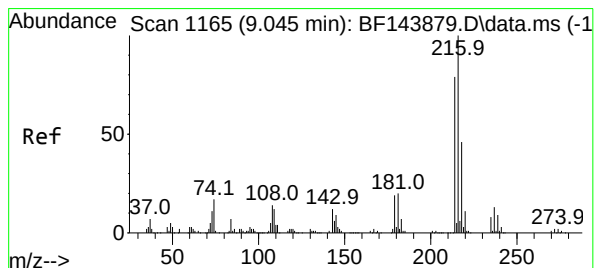
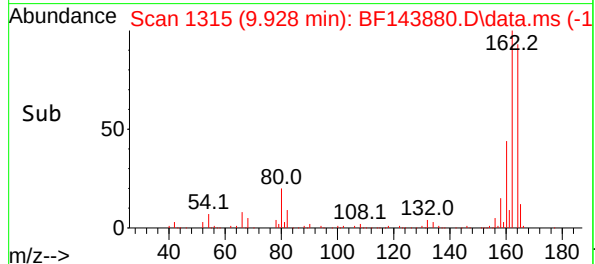
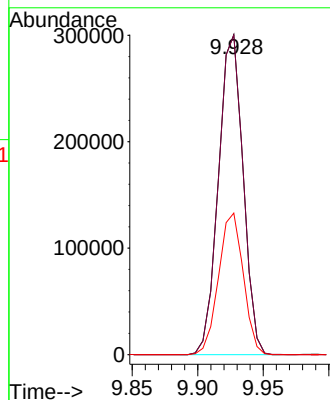
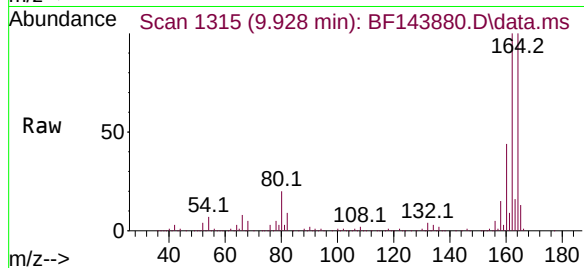
Tgt Ion:164 Resp: 393762

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.187 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:216 Resp: 491771

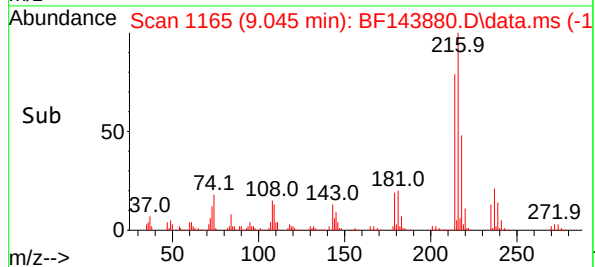
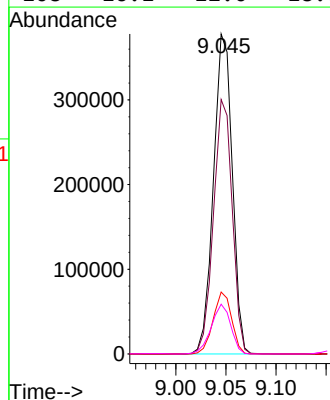
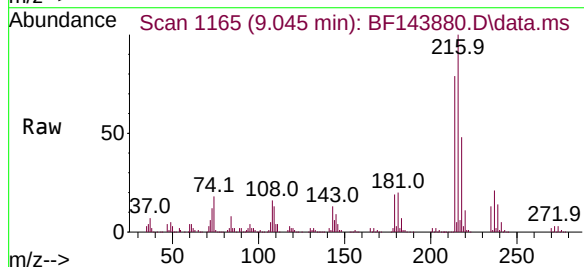
Ion Ratio Lower Upper

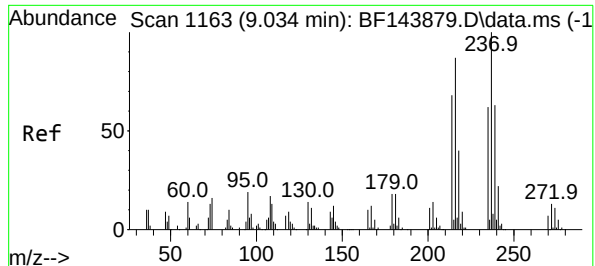
216 100

214 79.2 62.6 94.0

179 19.0 15.4 23.0

108 16.1 12.0 18.0

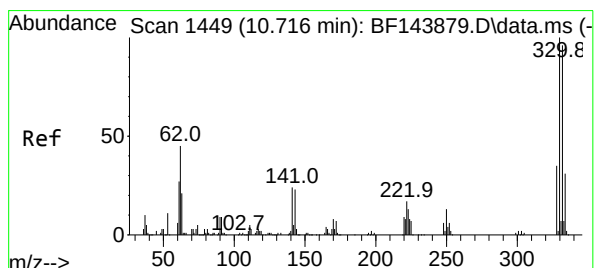
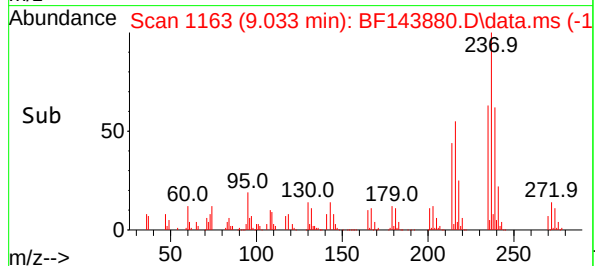
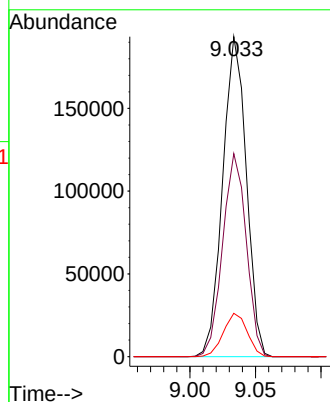
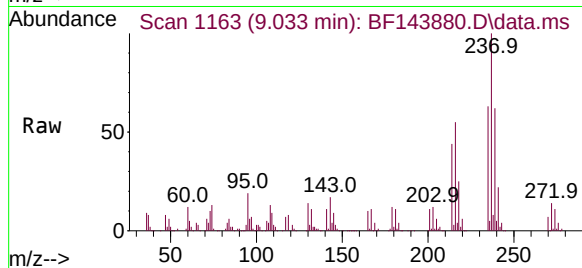




#41
Hexachlorocyclopentadiene
Concen: 53.686 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

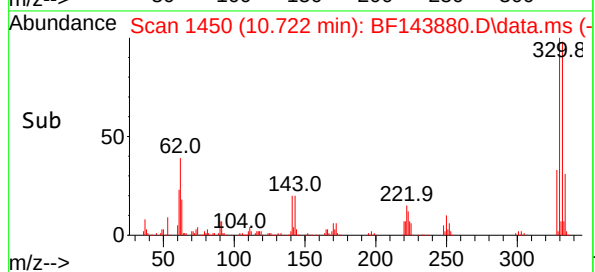
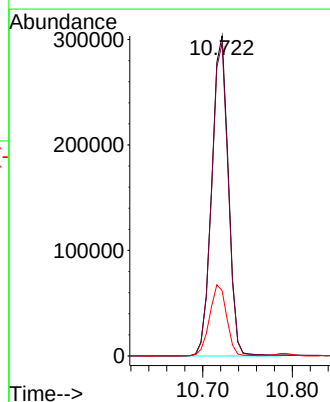
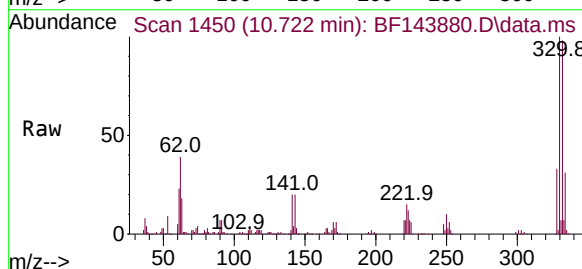
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

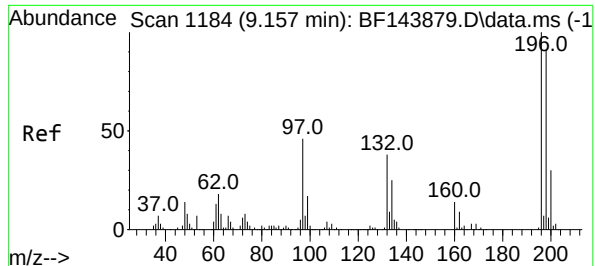
Tgt Ion:237 Resp: 242390
Ion Ratio Lower Upper
237 100
235 63.4 42.3 82.3
272 13.5 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 99.608 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:330 Resp: 390657
Ion Ratio Lower Upper
330 100
332 98.3 76.9 115.3
141 22.6 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 47.410 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143880.D

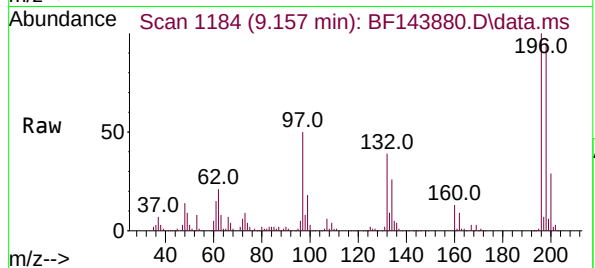
Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



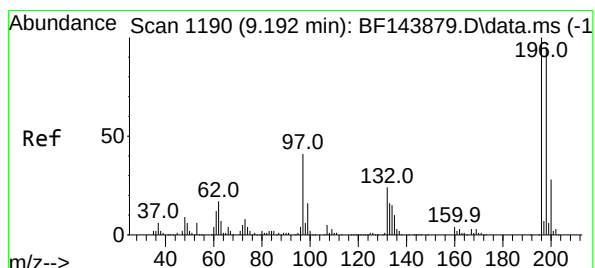
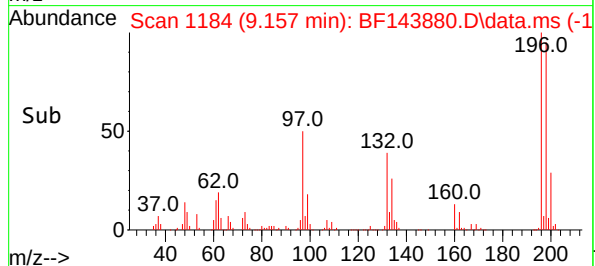
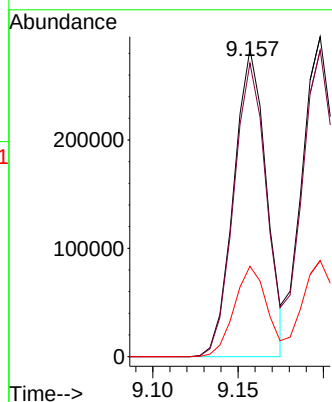
Tgt Ion:196 Resp: 376991

Ion Ratio Lower Upper

196 100

198 95.4 72.8 109.2

200 29.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 47.031 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:196 Resp: 395213

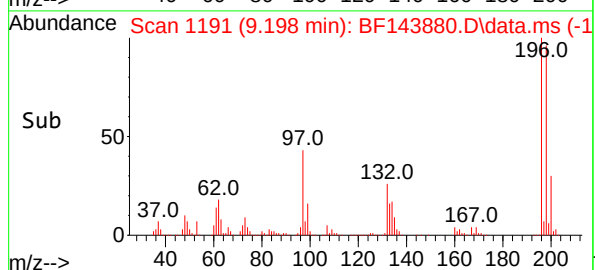
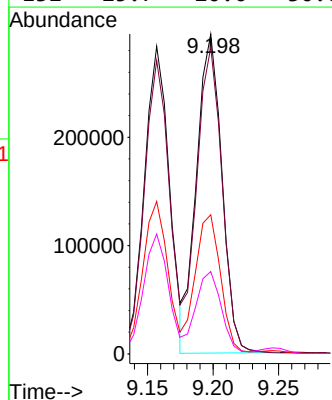
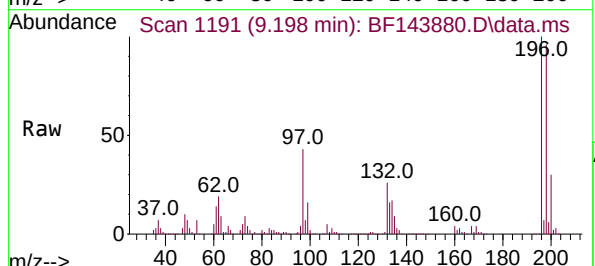
Ion Ratio Lower Upper

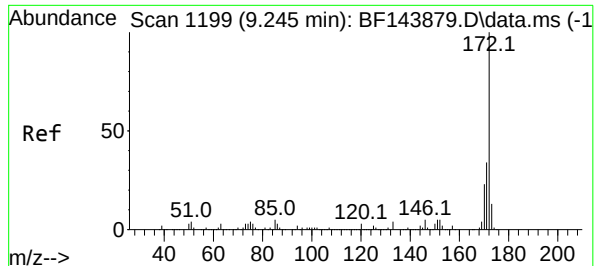
196 100

198 95.8 75.5 113.3

97 43.5 33.9 50.9

132 25.7 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 78.050 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

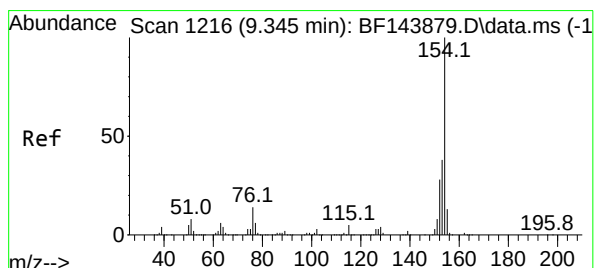
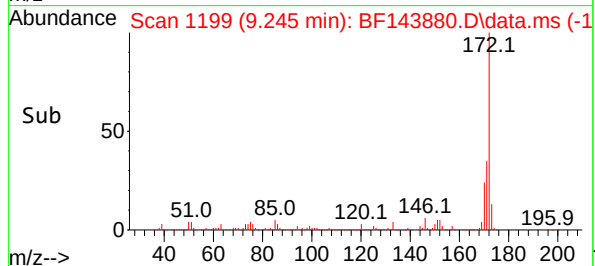
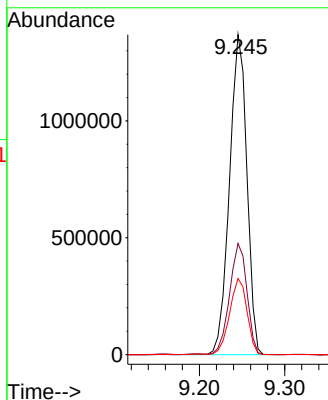
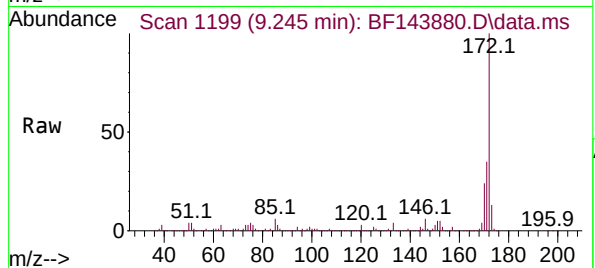
Tgt Ion:172 Resp: 1936883

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 42.837 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

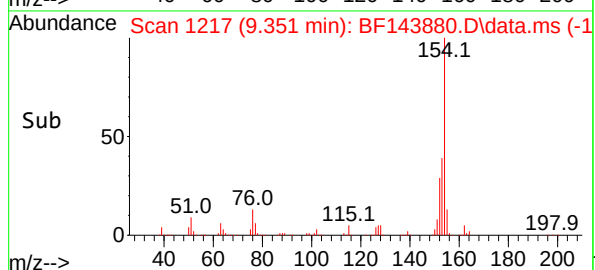
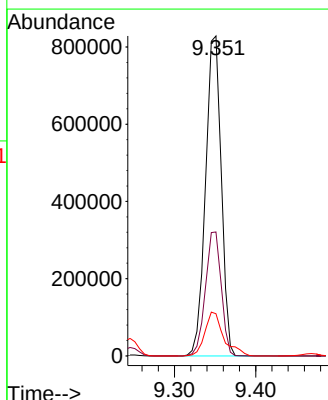
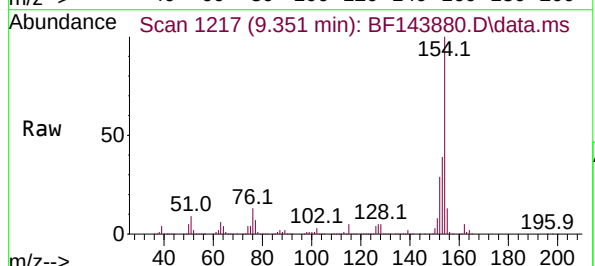
Tgt Ion:154 Resp: 1116775

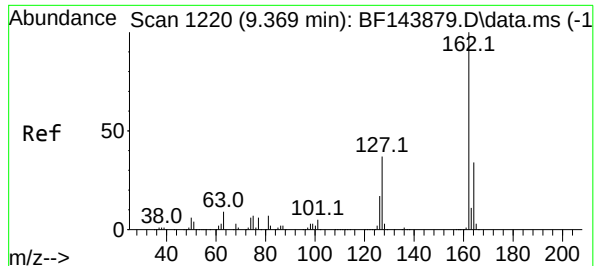
Ion Ratio Lower Upper

154 100

153 38.7 18.4 58.4

76 13.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 44.748 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

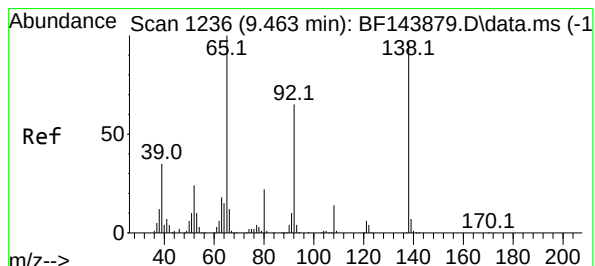
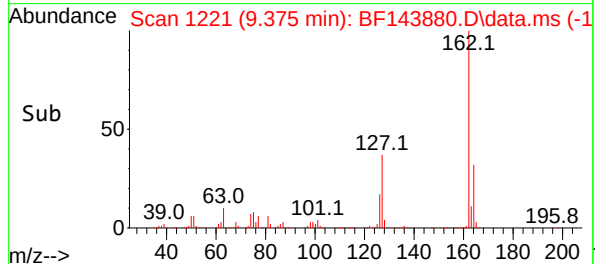
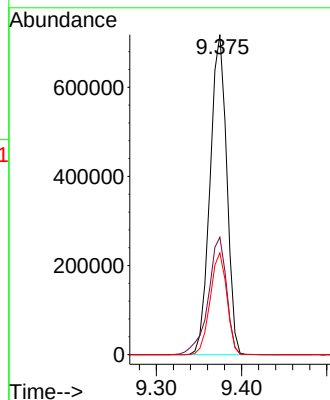
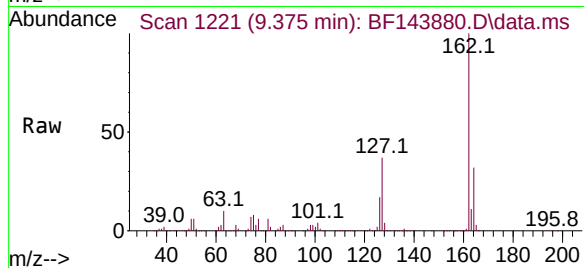
Tgt Ion:162 Resp: 972675

Ion Ratio Lower Upper

162 100

127 36.7 30.2 45.2

164 31.8 26.9 40.3



#48

2-Nitroaniline

Concen: 50.665 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

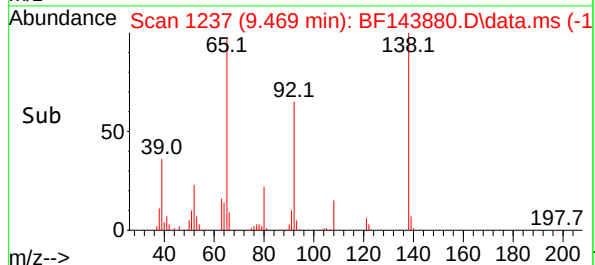
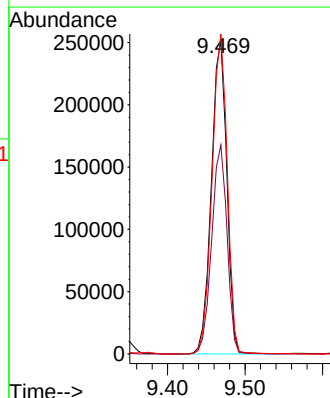
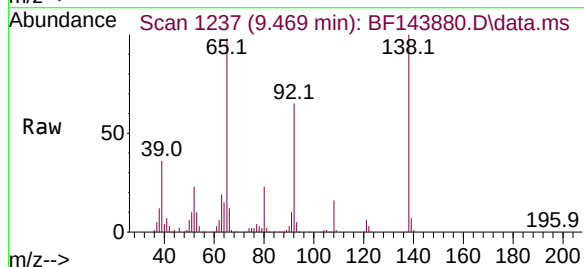
Tgt Ion: 65 Resp: 348179

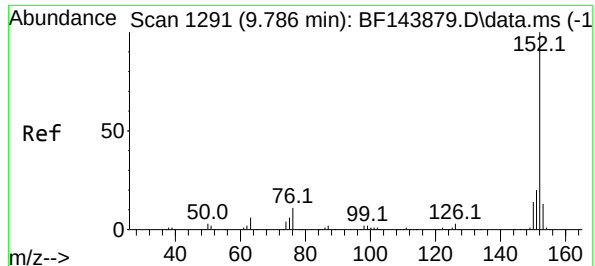
Ion Ratio Lower Upper

65 100

92 66.8 52.1 78.1

138 102.3 77.4 116.2





#49

Acenaphthylene

Concen: 44.642 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

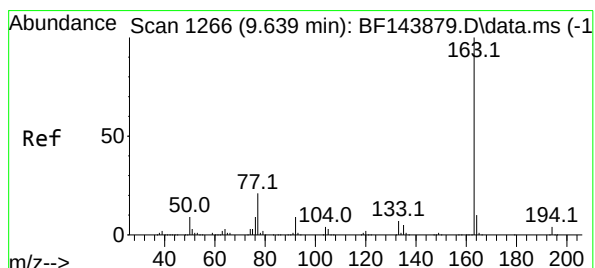
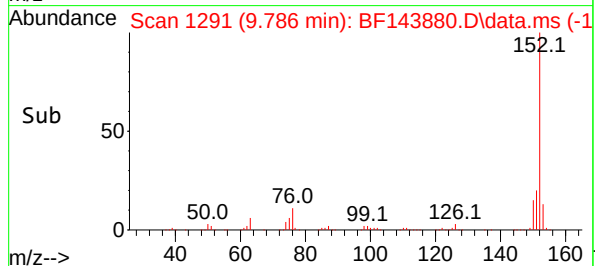
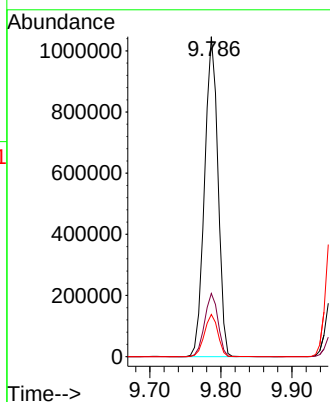
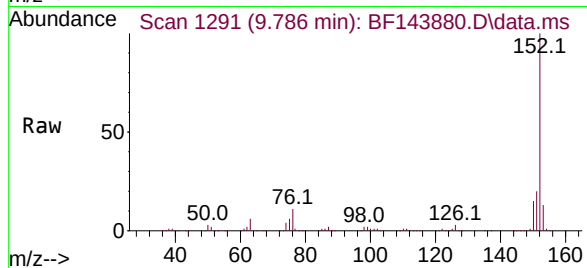
Tgt Ion:152 Resp: 1364193

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 45.888 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

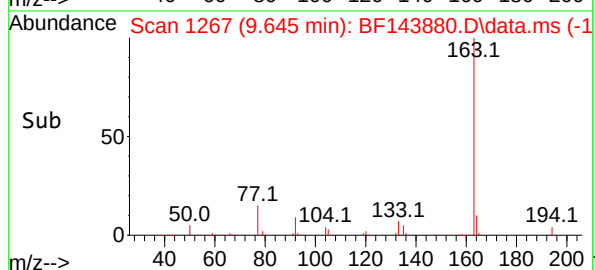
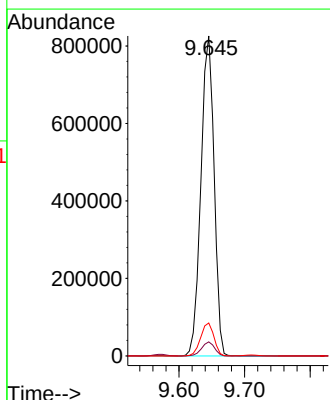
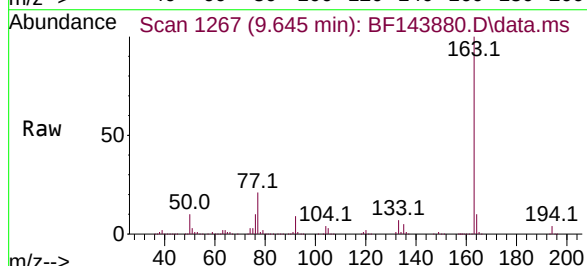
Tgt Ion:163 Resp: 1147448

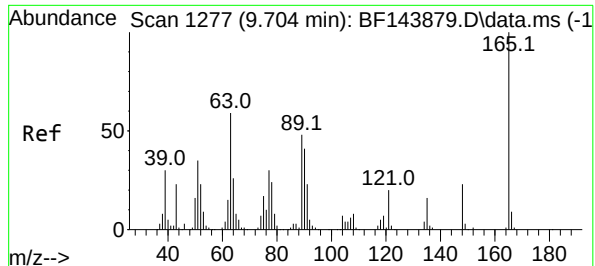
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 53.176 ng

RT: 9.710 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

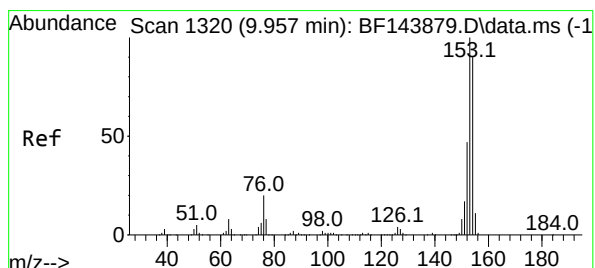
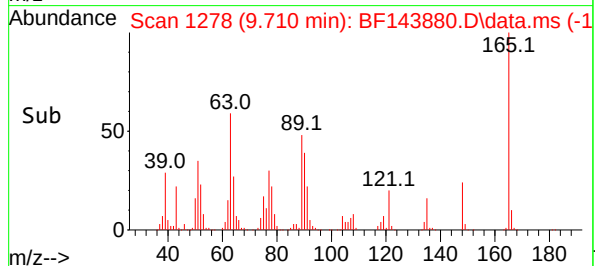
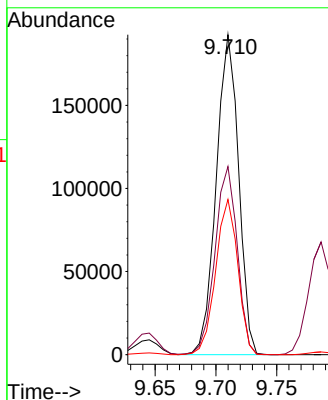
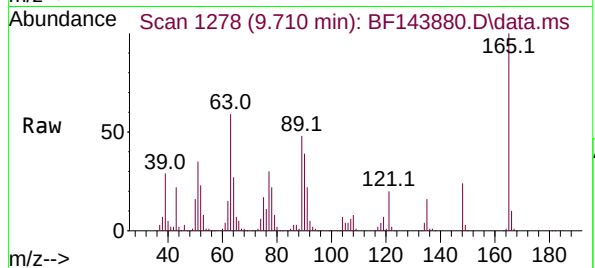
Tgt Ion:165 Resp: 246567

Ion Ratio Lower Upper

165 100

63 58.8 47.3 70.9

89 48.5 38.2 57.4



#52

Acenaphthene

Concen: 44.122 ng

RT: 9.963 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

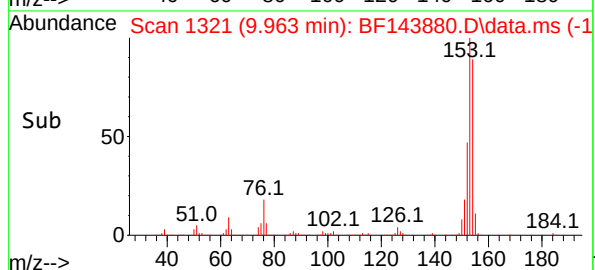
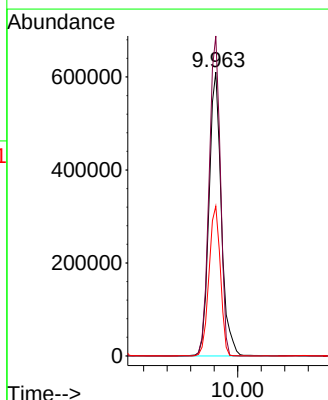
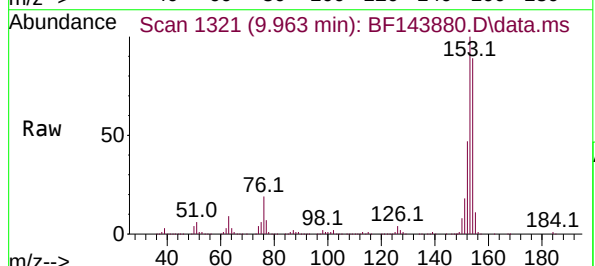
Tgt Ion:154 Resp: 883487

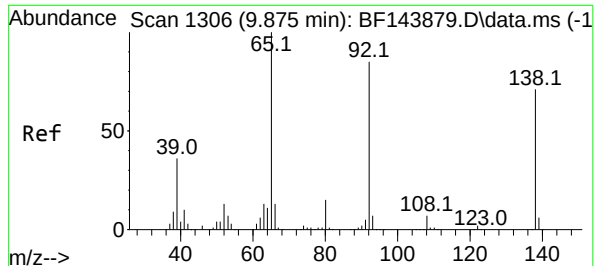
Ion Ratio Lower Upper

154 100

153 112.8 89.3 133.9

152 52.7 42.2 63.2

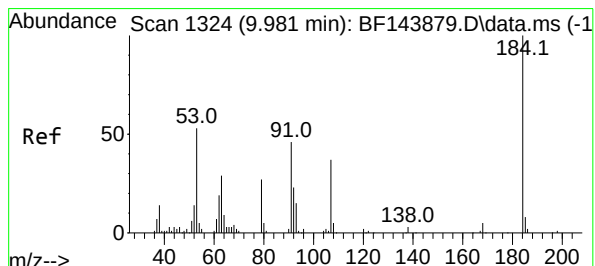
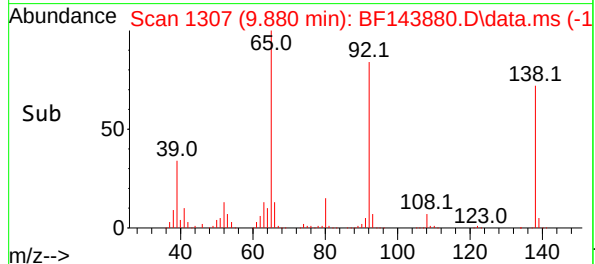
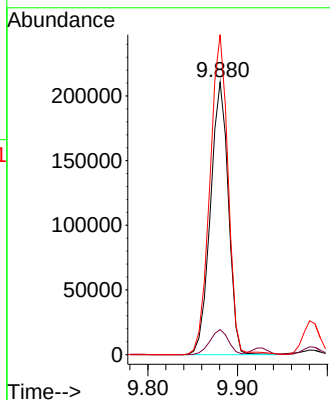
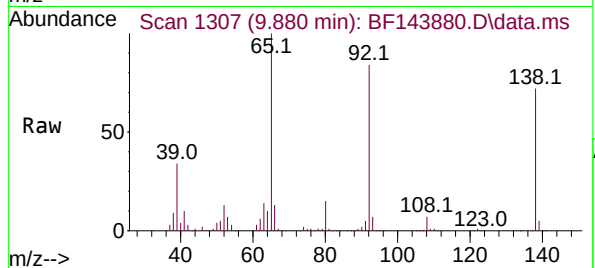




#53
3-Nitroaniline
Concen: 51.366 ng
RT: 9.880 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

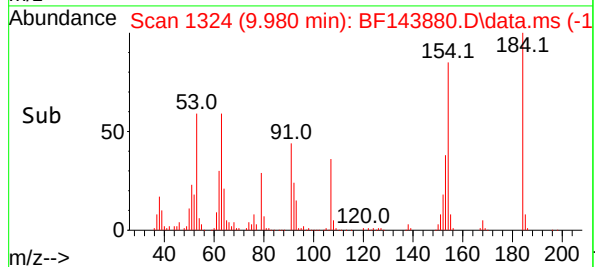
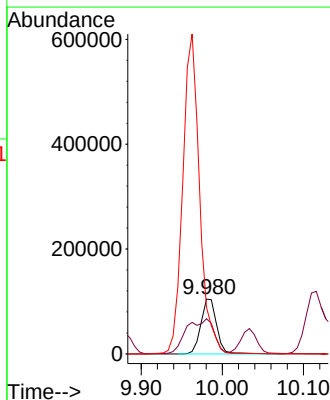
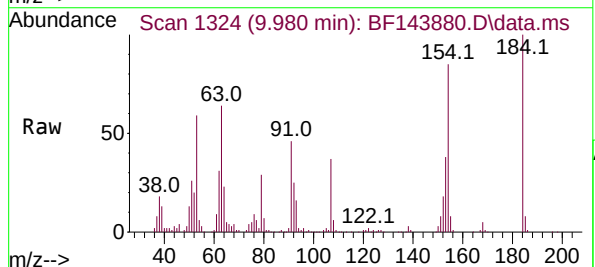
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

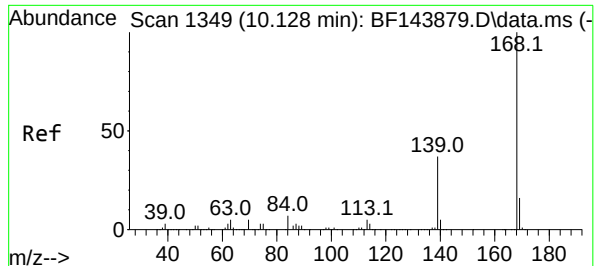
Tgt Ion:138 Resp: 291630
Ion Ratio Lower Upper
138 100
108 9.2 8.3 12.5
92 117.5 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 51.801 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:184 Resp: 140496
Ion Ratio Lower Upper
184 100
63 64.1 48.2 72.4
154 84.8 49.2 73.8#





#55

Dibenzenofuran

Concen: 43.625 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

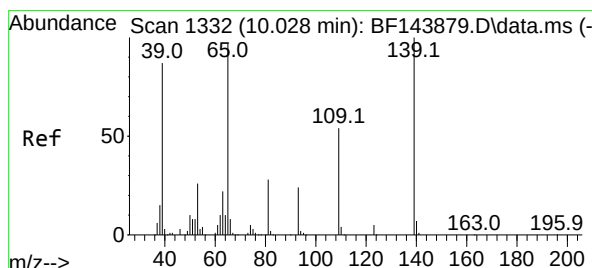
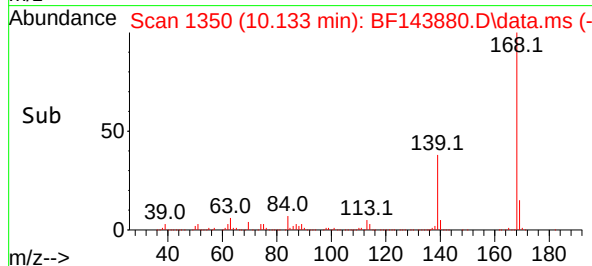
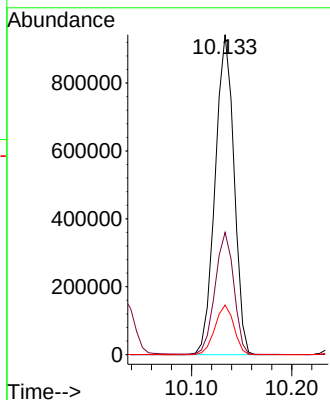
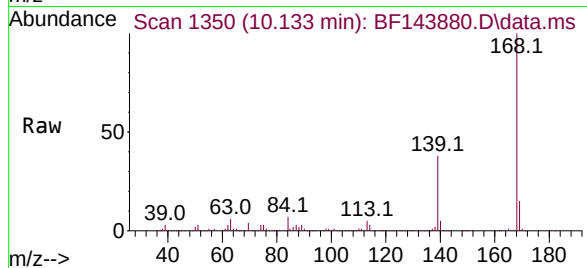
Tgt Ion:168 Resp: 1233091

Ion Ratio Lower Upper

168 100

139 38.2 29.8 44.8

169 15.5 12.8 19.2



#56

4-Nitrophenol

Concen: 52.750 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

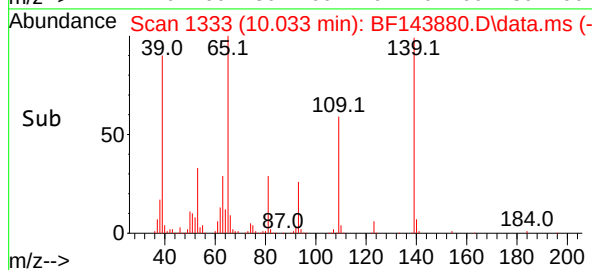
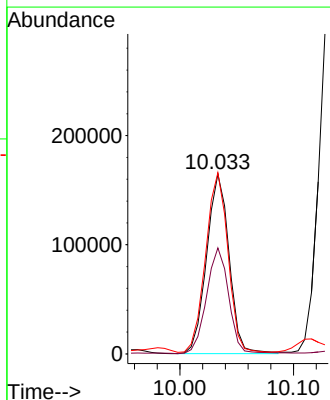
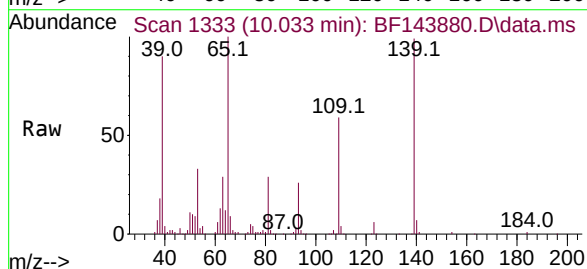
Tgt Ion:139 Resp: 226765

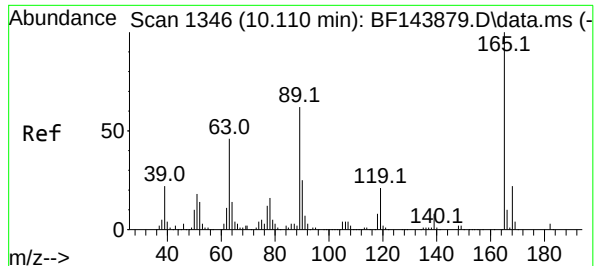
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

65 100.7 77.6 117.6

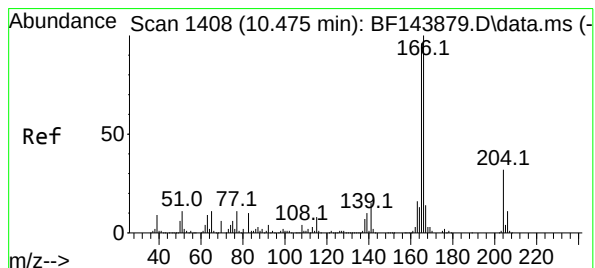
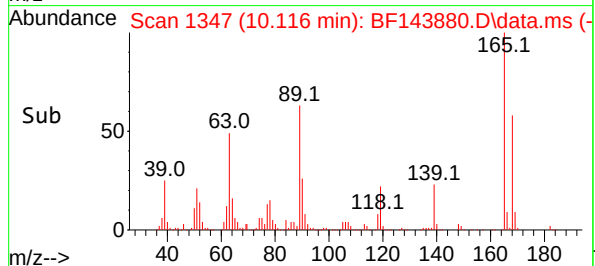
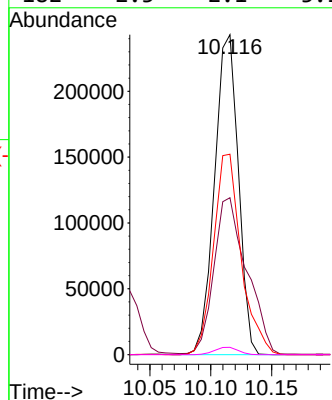
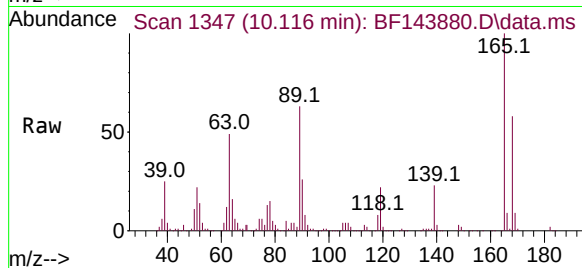




#57
2,4-Dinitrotoluene
Concen: 52.304 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

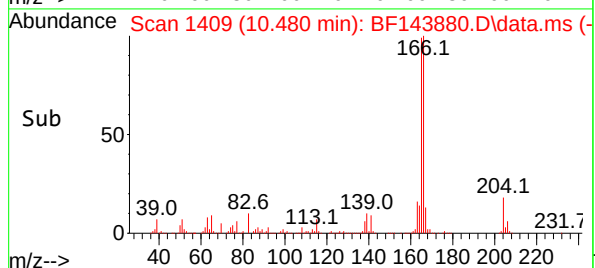
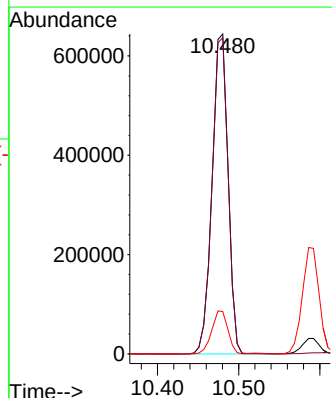
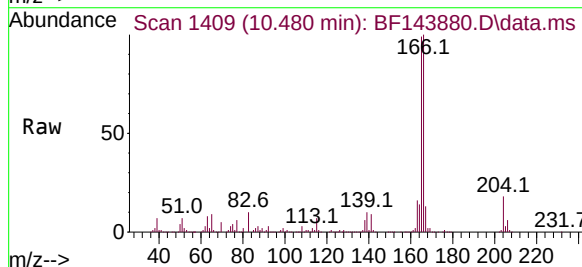
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

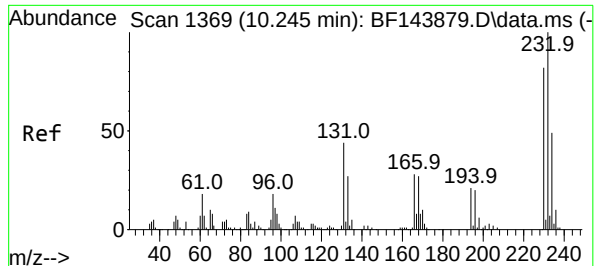
Tgt Ion:165 Resp: 329984
Ion Ratio Lower Upper
165 100
63 49.0 37.2 55.8
89 62.6 49.4 74.2
182 2.3 2.1 3.1



#58
Fluorene
Concen: 41.398 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:166 Resp: 882946
Ion Ratio Lower Upper
166 100
165 98.8 77.0 115.6
167 13.2 11.1 16.7

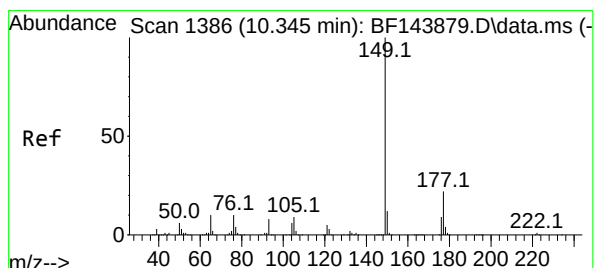
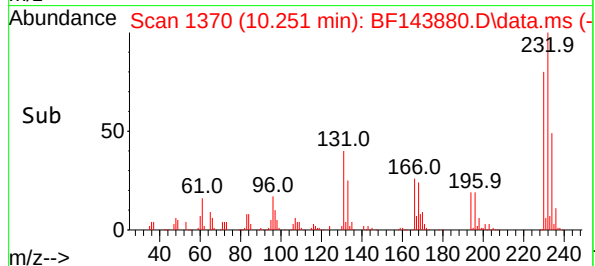
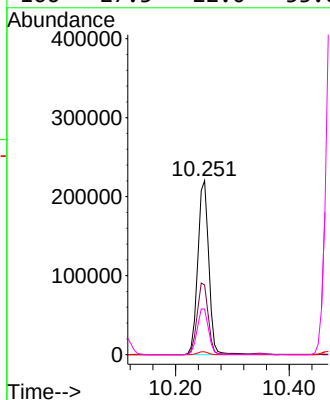
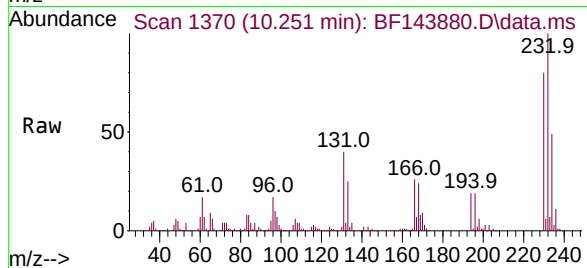




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.591 ng
RT: 10.251 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

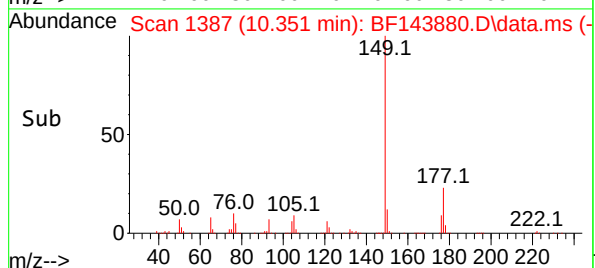
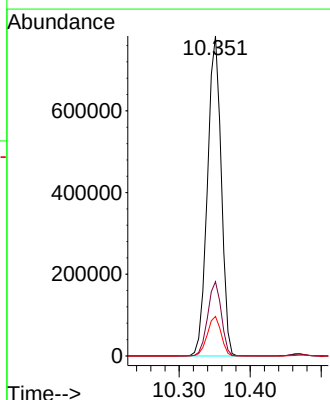
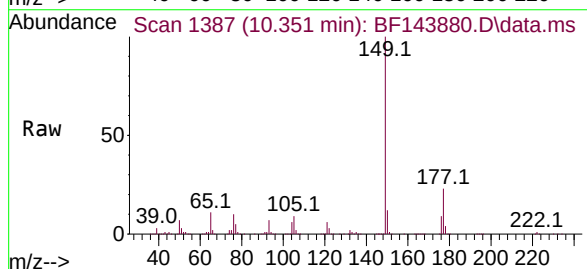
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

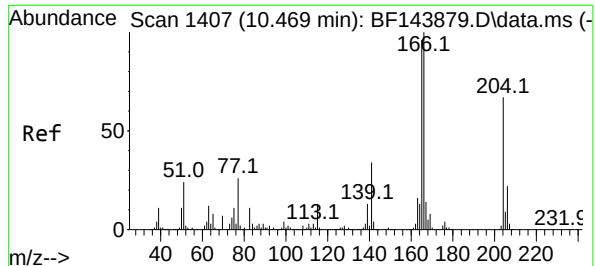
Tgt Ion:232 Resp: 294987
Ion Ratio Lower Upper
232 100
131 41.7 34.9 52.3
130 1.6 1.6 2.4#
166 27.3 22.0 33.0



#60
Diethylphthalate
Concen: 45.330 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 1053032
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 12.3 9.8 14.8

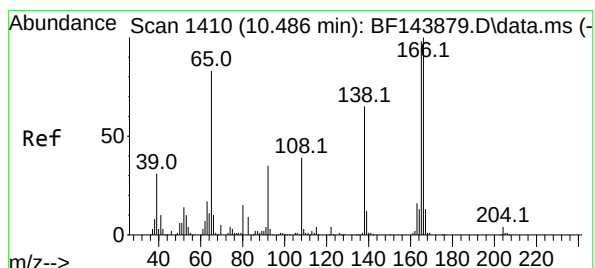
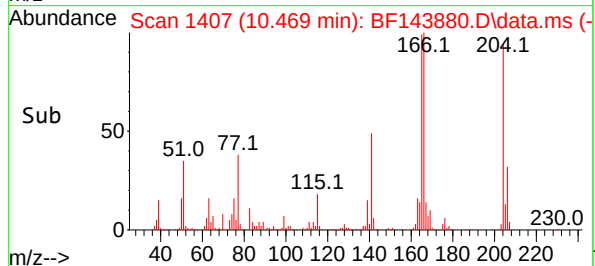
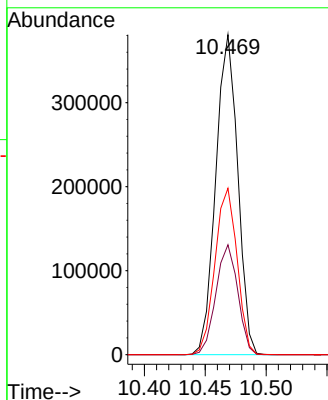
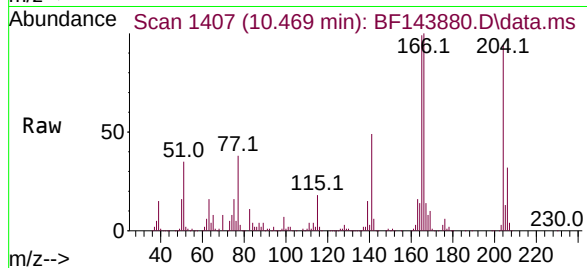




#61
4-Chlorophenyl-phenylether
Concen: 42.311 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

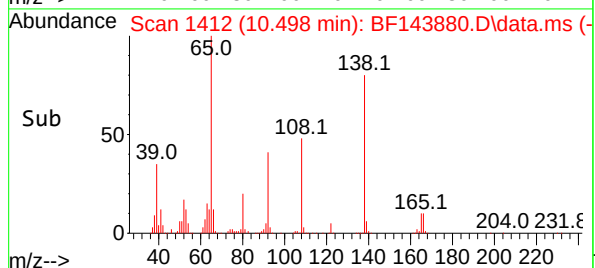
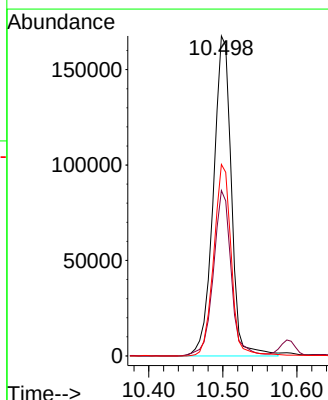
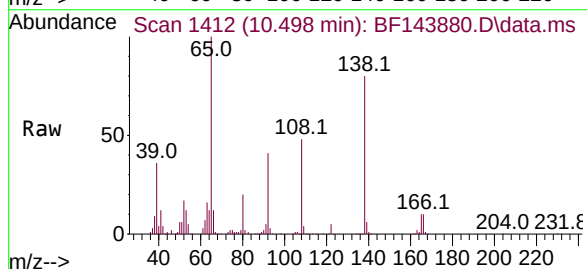
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

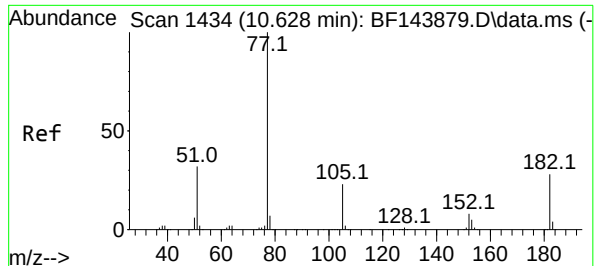
Tgt Ion:204 Resp: 477108
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 52.0 40.4 60.6



#62
4-Nitroaniline
Concen: 51.782 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:138 Resp: 282713
Ion Ratio Lower Upper
138 100
92 51.7 33.9 73.9
108 59.8 40.2 80.2

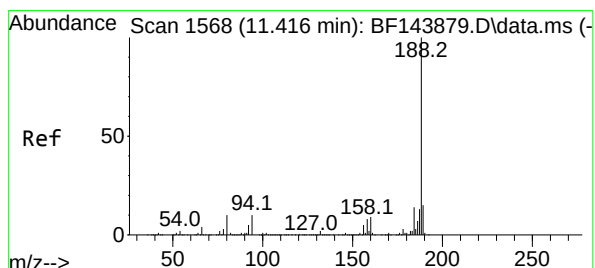
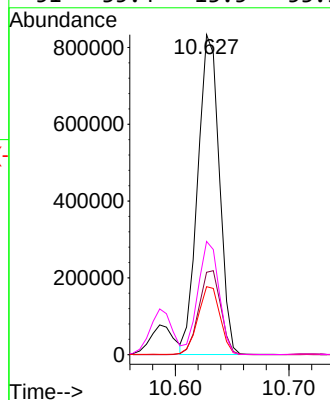
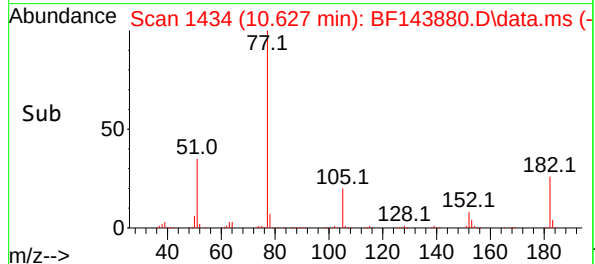
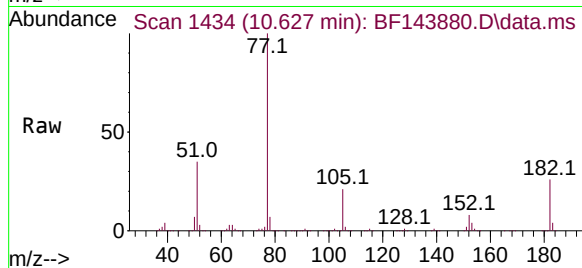




#63
Azobenzene
Concen: 45.178 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

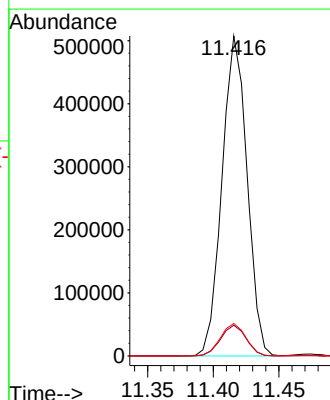
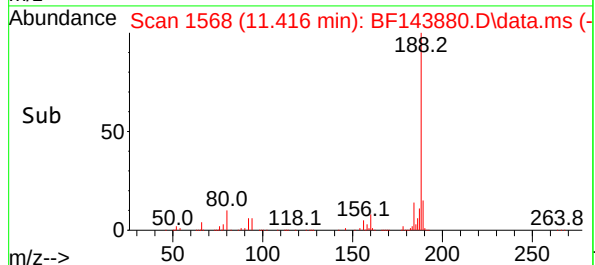
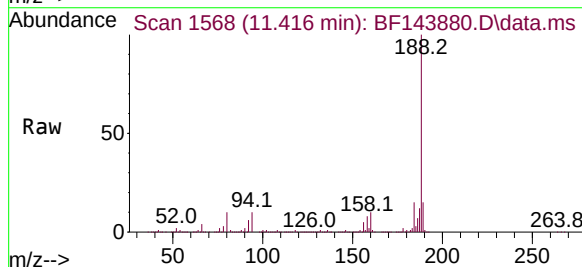
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

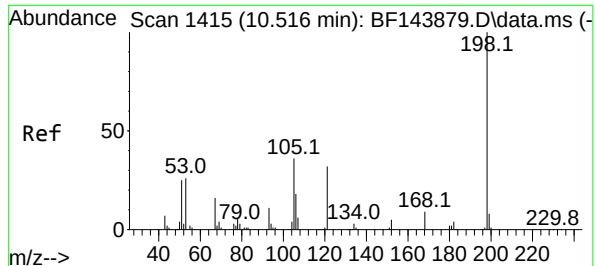
Tgt Ion: 77 Resp: 1096875
Ion Ratio Lower Upper
77 100
182 25.7 7.3 47.3
105 21.2 3.0 43.0
51 35.4 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:188 Resp: 674807
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.1 7.9 11.9

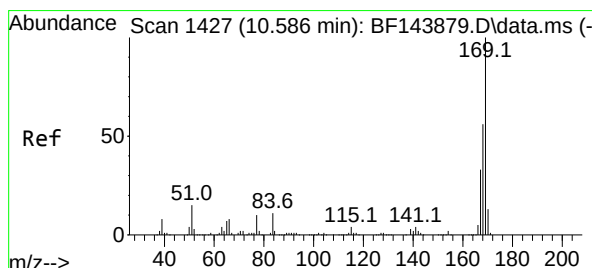
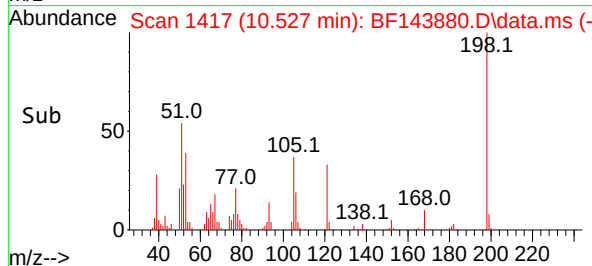
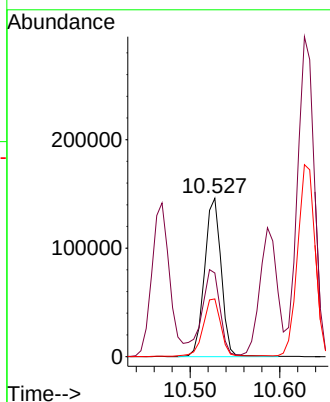
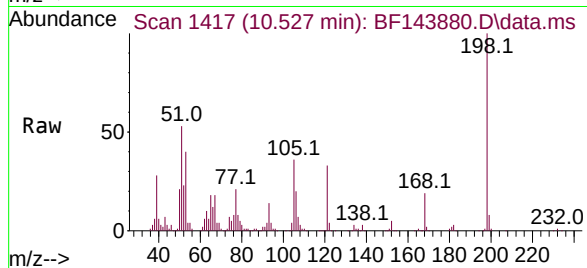




#65
4,6-Dinitro-2-methylphenol
Concen: 55.558 ng
RT: 10.527 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

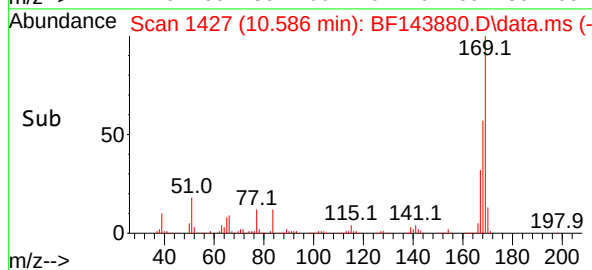
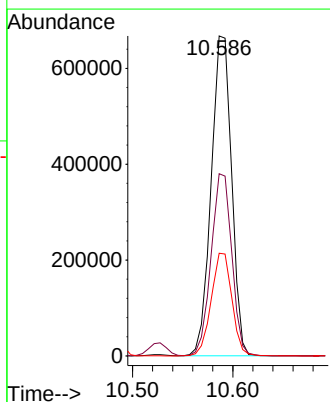
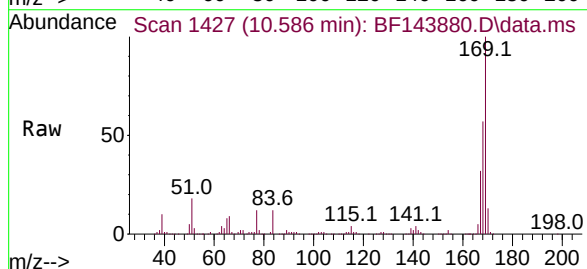
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

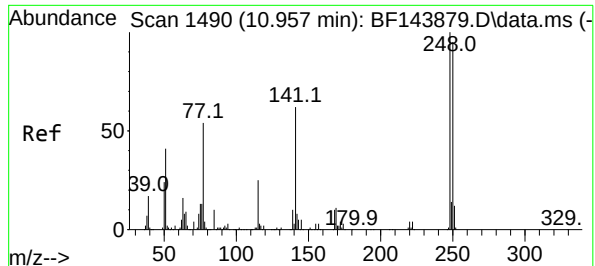
Tgt Ion:198 Resp: 188400
Ion Ratio Lower Upper
198 100
51 52.8 33.8 73.8
105 36.4 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 44.552 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:169 Resp: 943991
Ion Ratio Lower Upper
169 100
168 56.9 44.9 67.3
167 32.1 26.3 39.5

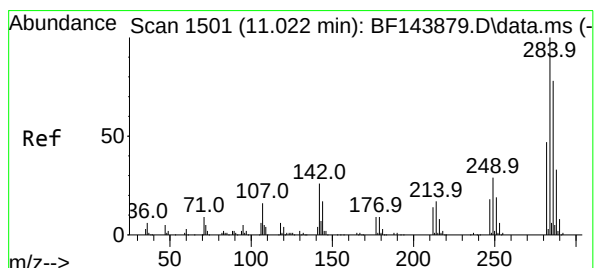
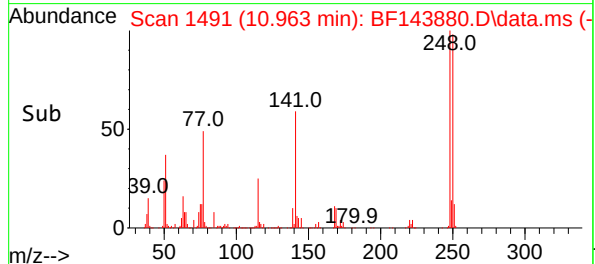
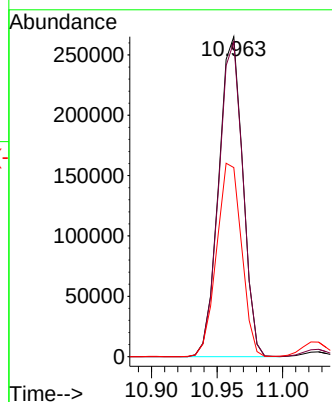
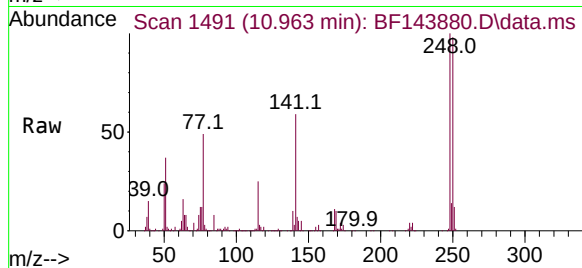




#67
4-Bromophenyl-phenylether
Concen: 45.566 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

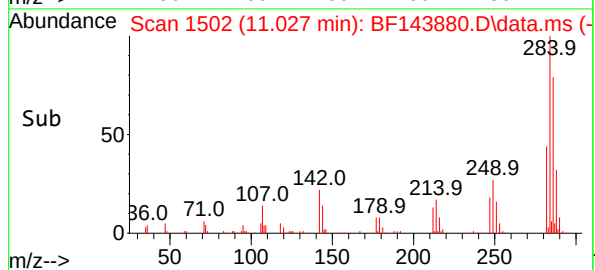
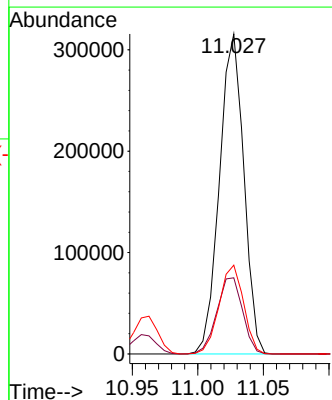
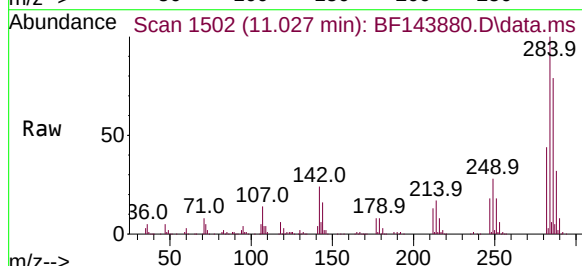
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

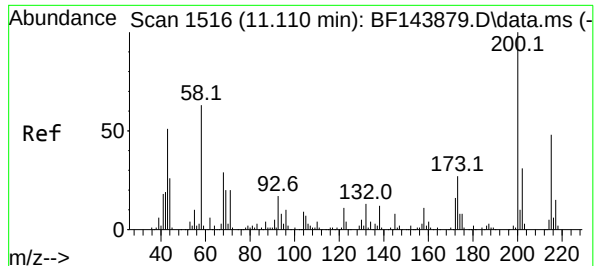
Tgt Ion:248 Resp: 339818
Ion Ratio Lower Upper
248 100
250 98.4 76.3 114.5
141 59.1 49.7 74.5



#68
Hexachlorobenzene
Concen: 47.211 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:284 Resp: 407614
Ion Ratio Lower Upper
284 100
142 23.8 20.6 30.8
249 27.7 23.2 34.8





#69

Atrazine

Concen: 48.240 ng

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

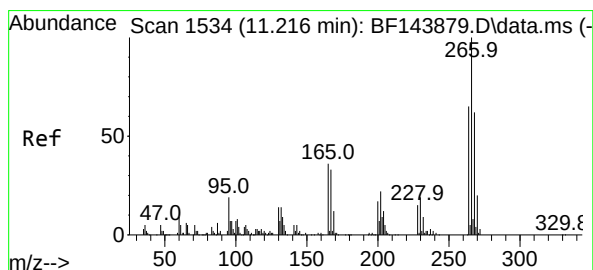
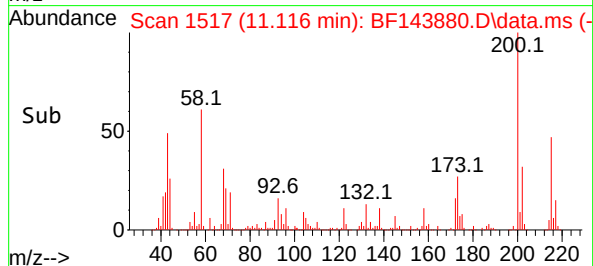
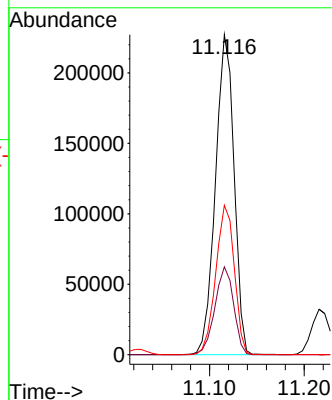
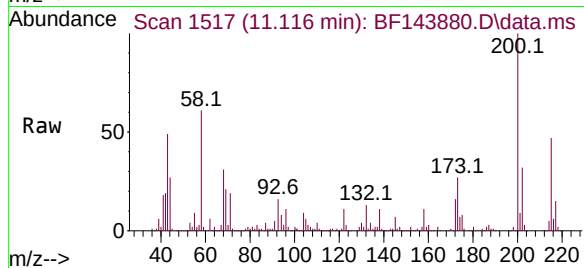
Tgt Ion:200 Resp: 309799

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

215 46.7 27.8 67.8



#70

Pentachlorophenol

Concen: 52.304 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

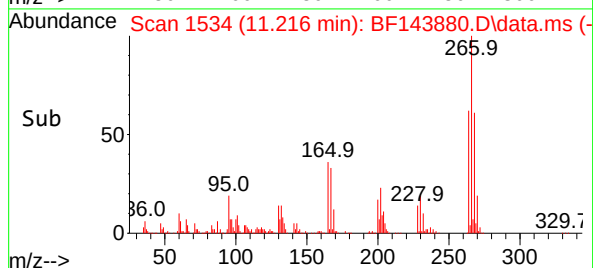
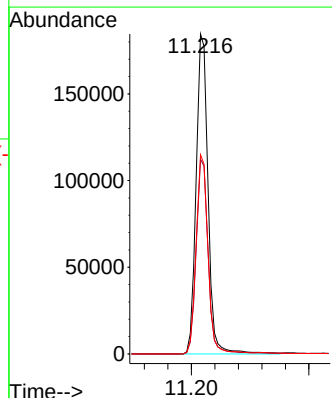
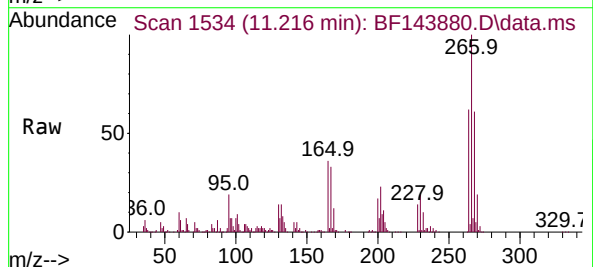
Tgt Ion:266 Resp: 259359

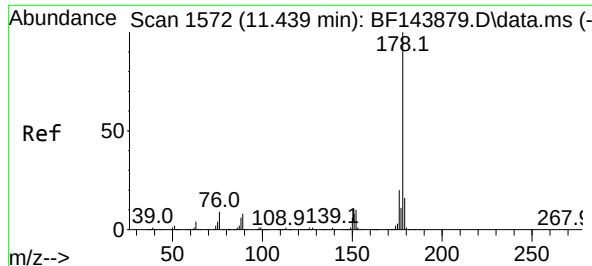
Ion Ratio Lower Upper

266 100

268 60.8 49.4 74.0

264 62.2 51.8 77.6

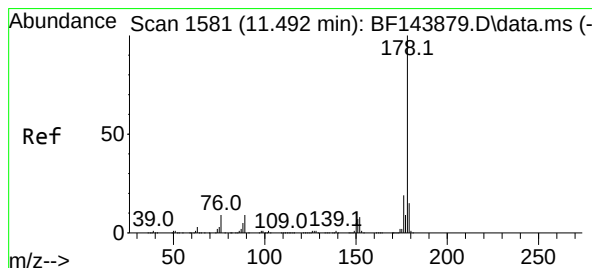
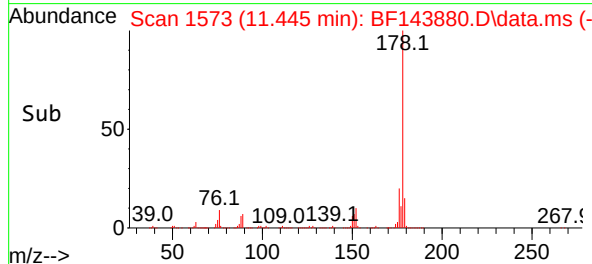
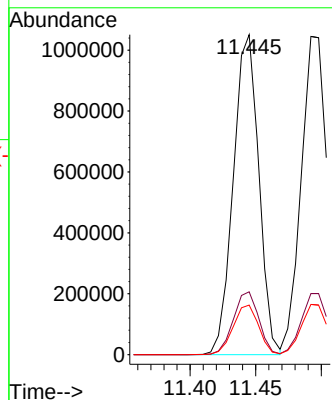
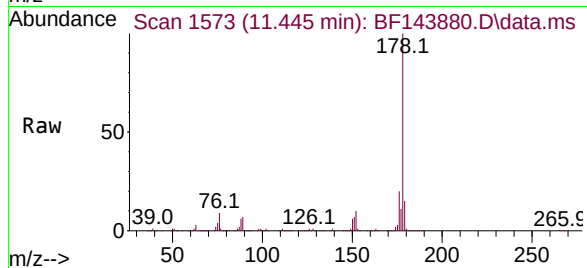




#71
Phenanthrene
Concen: 43.395 ng
RT: 11.445 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

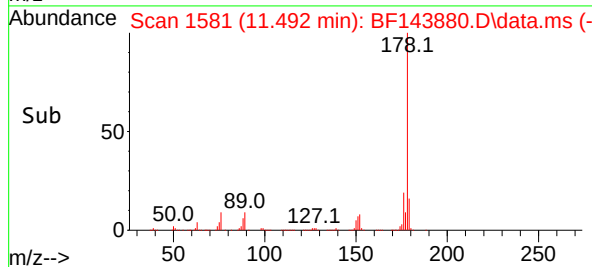
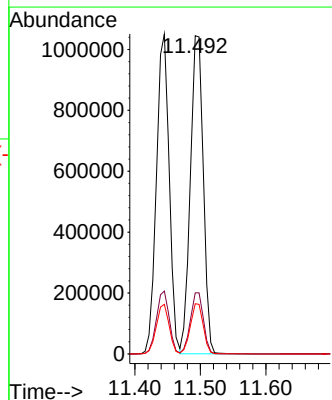
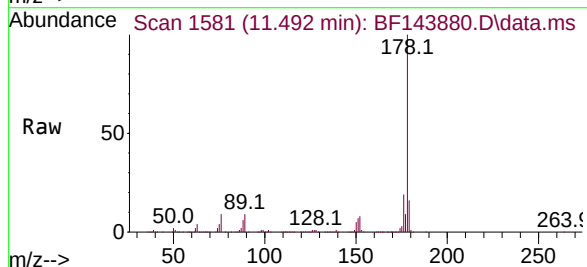
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

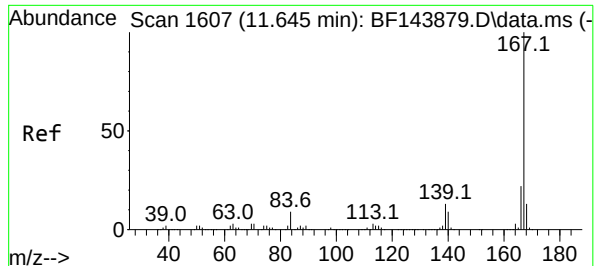
Tgt Ion:178 Resp: 1419666
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.5 12.4 18.6



#72
Anthracene
Concen: 43.583 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:178 Resp: 1440404
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.8 12.2 18.2

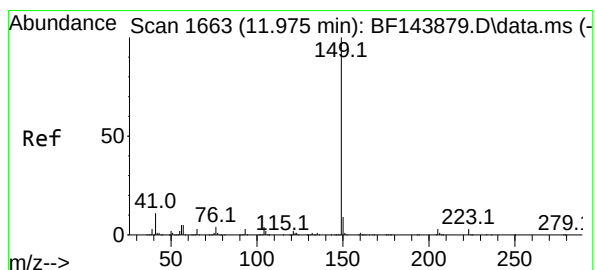
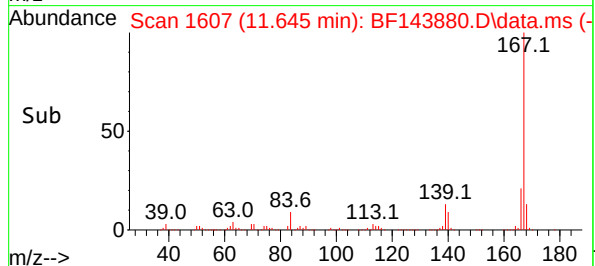
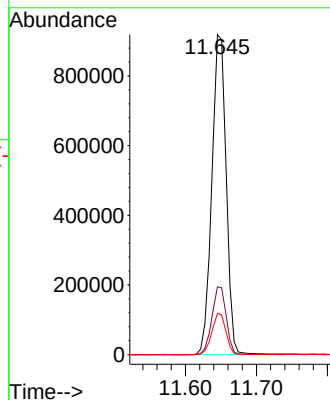
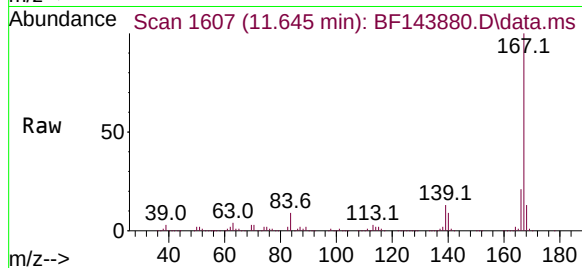




#73
Carbazole
Concen: 44.139 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

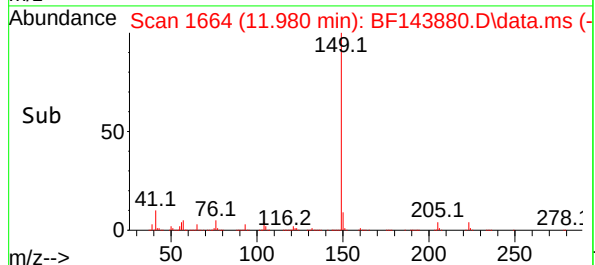
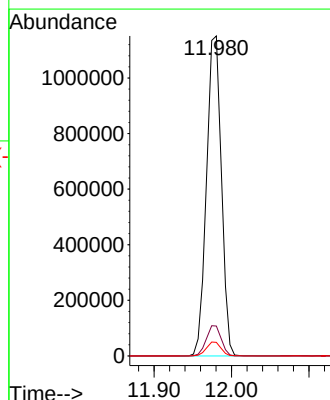
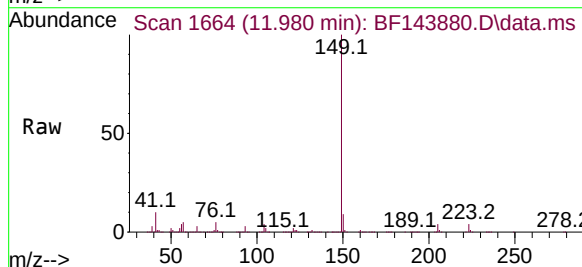
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

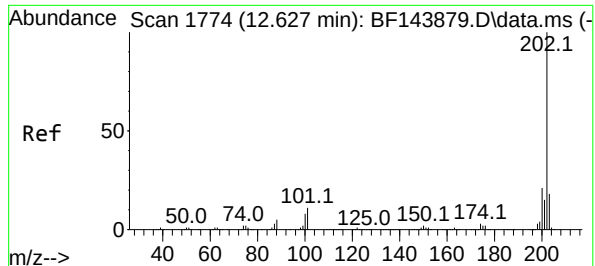
Tgt Ion:167 Resp: 1291982
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.9 10.1 15.1



#74
Di-n-butylphthalate
Concen: 45.246 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 1534951
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.2 3.4 5.2





#75

Fluoranthene

Concen: 43.744 ng

RT: 12.633 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

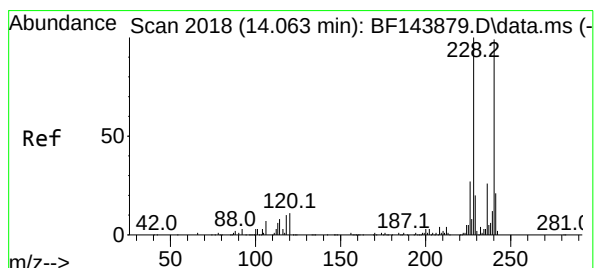
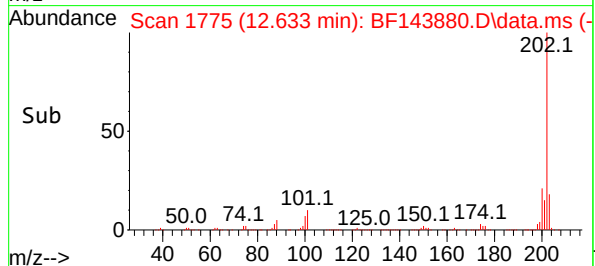
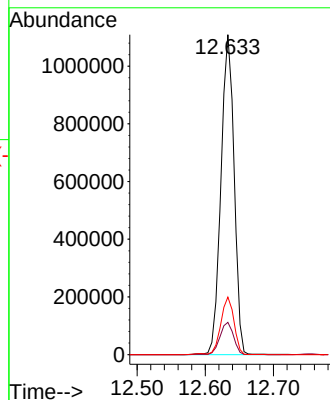
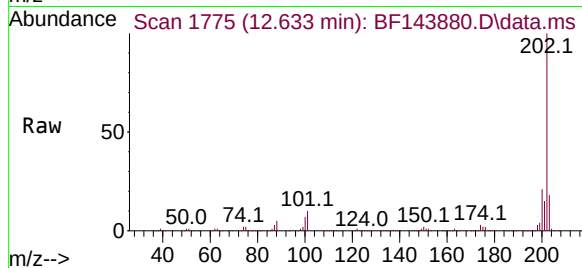
Tgt Ion:202 Resp: 1478181

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.7

203 18.0 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

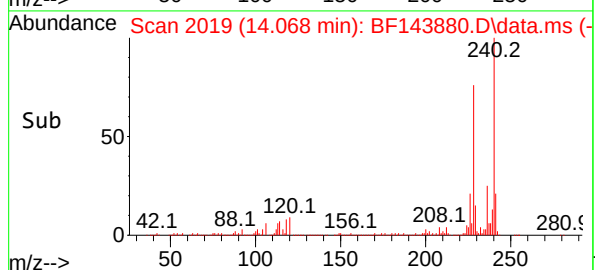
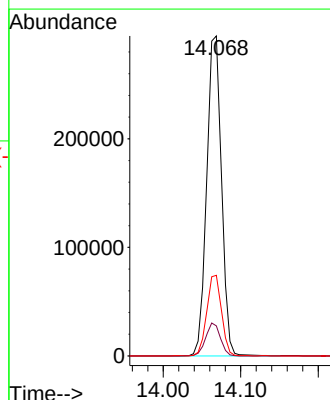
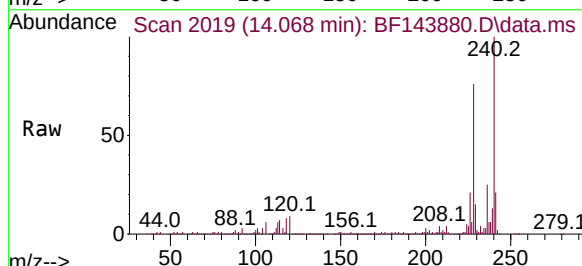
Tgt Ion:240 Resp: 390779

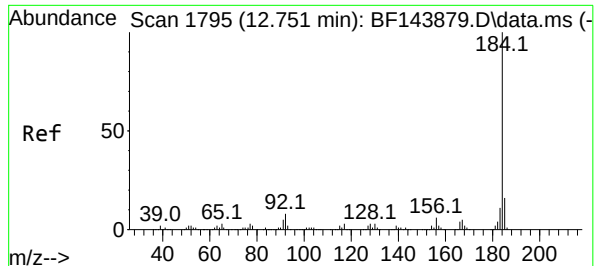
Ion Ratio Lower Upper

240 100

120 9.4 8.6 13.0

236 25.2 21.1 31.7





#77

Benzidine

Concen: 46.882 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

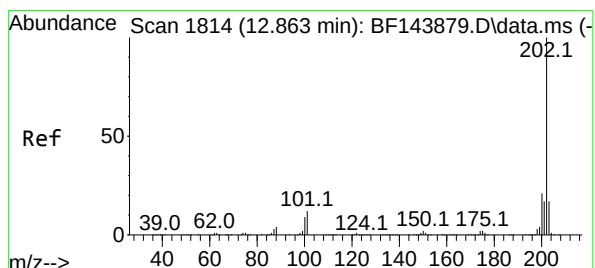
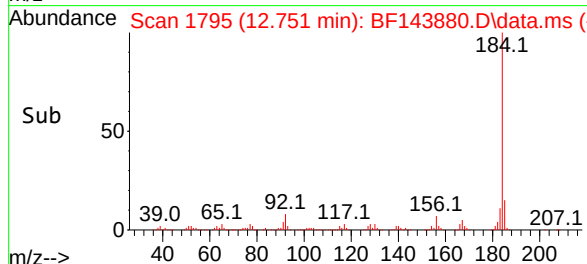
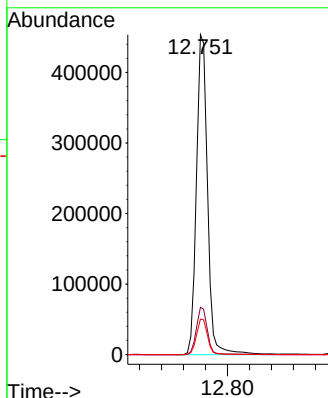
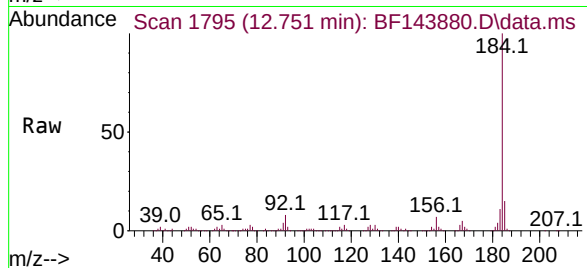
Tgt Ion:184 Resp: 636126

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

183 11.1 8.8 13.2



#78

Pyrene

Concen: 46.206 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

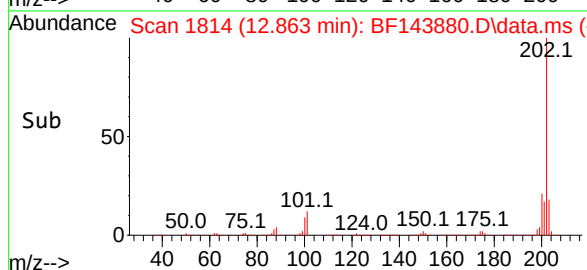
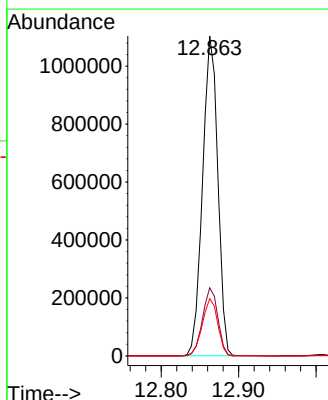
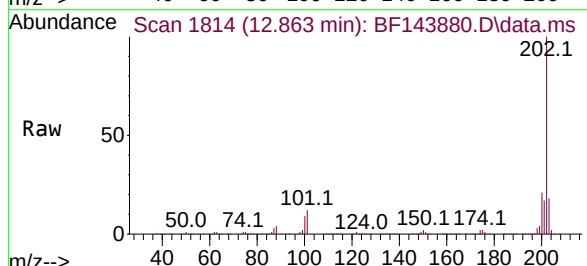
Tgt Ion:202 Resp: 1505326

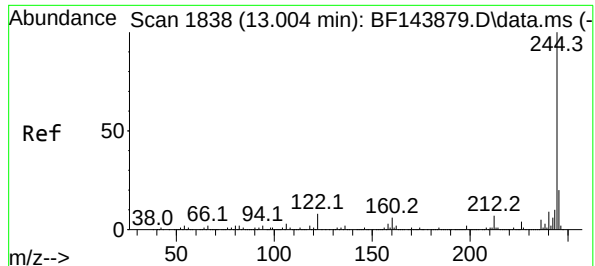
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 91.121 ng

RT: 13.010 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

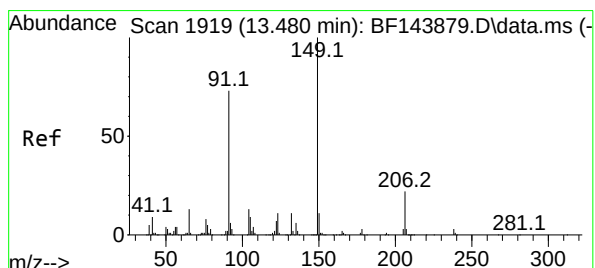
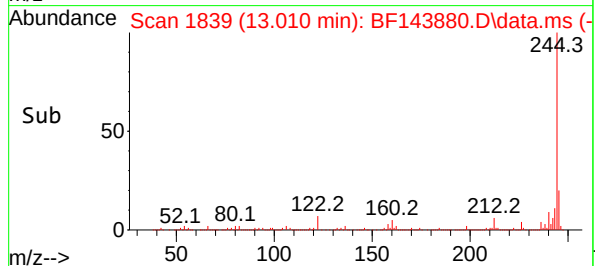
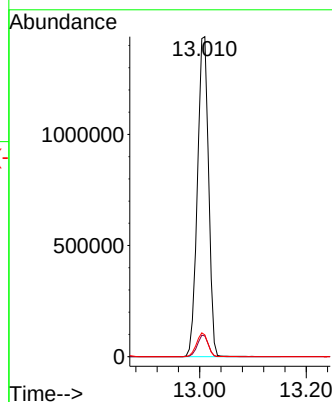
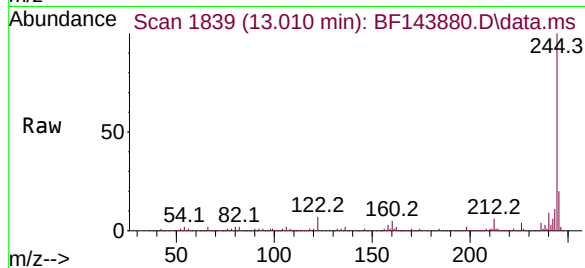
Tgt Ion:244 Resp: 2083463

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 6.8 6.4 9.6



#80

Butylbenzylphthalate

Concen: 50.352 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

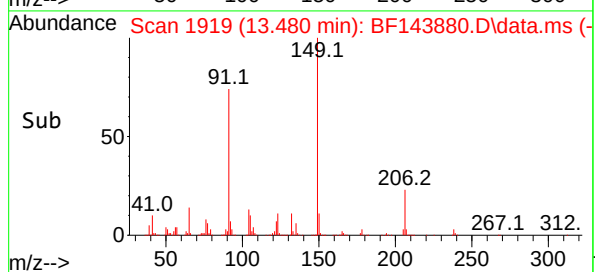
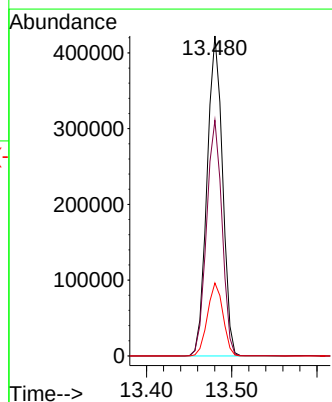
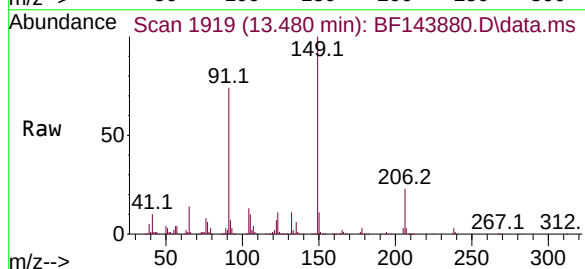
Tgt Ion:149 Resp: 532754

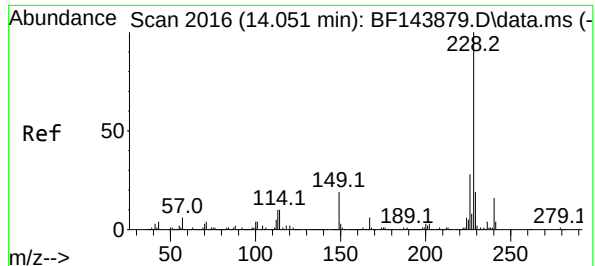
Ion Ratio Lower Upper

149 100

91 73.6 58.2 87.2

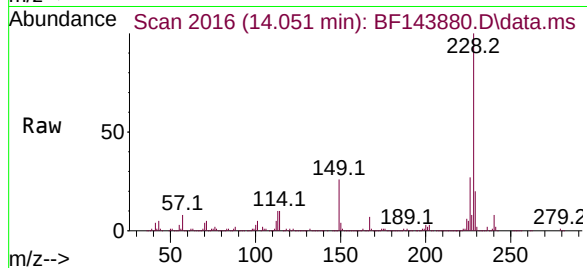
206 22.8 17.9 26.9



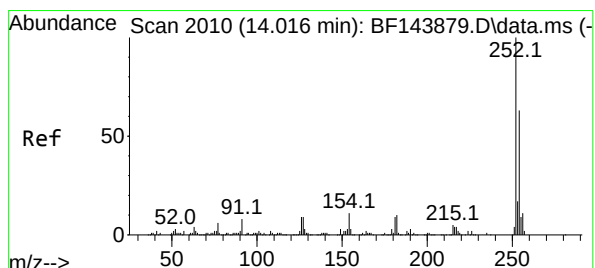
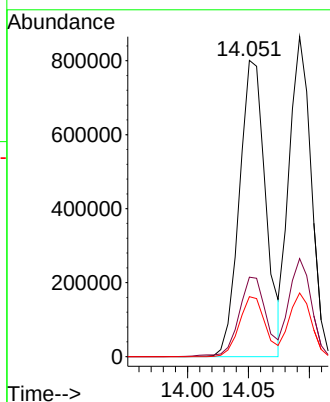
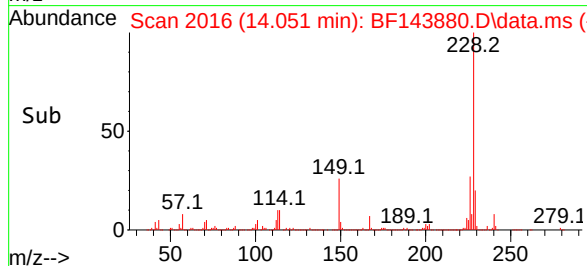


#81
Benzo(a)anthracene
Concen: 47.075 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

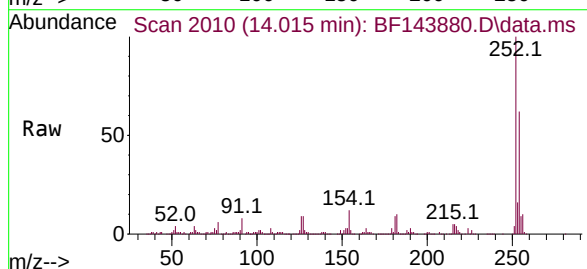
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



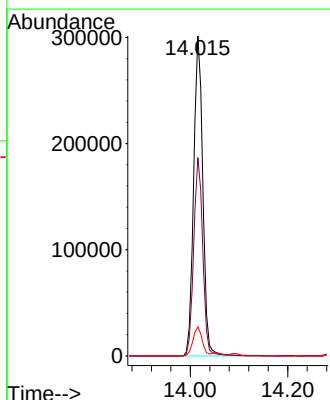
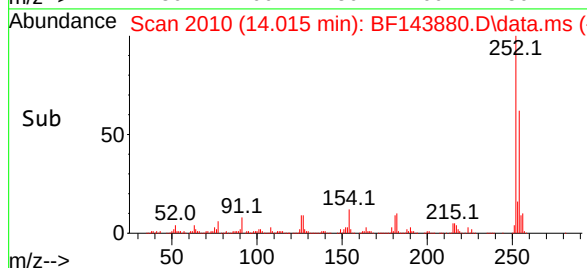
Tgt Ion:228 Resp: 1203843
Ion Ratio Lower Upper
228 100
226 26.8 22.2 33.2
229 20.2 15.6 23.4

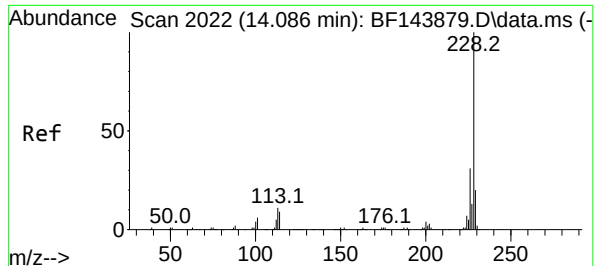


#82
3,3'-Dichlorobenzidine
Concen: 50.214 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23



Tgt Ion:252 Resp: 391334
Ion Ratio Lower Upper
252 100
254 62.0 50.6 76.0
126 9.1 7.0 10.6

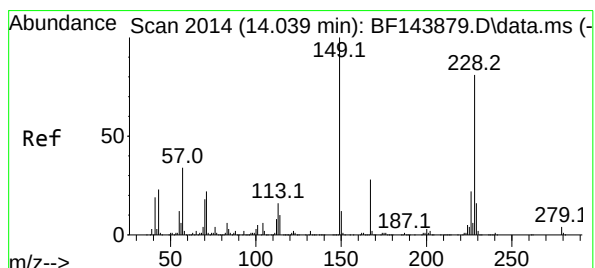
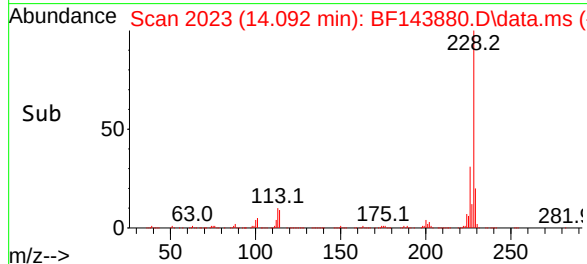
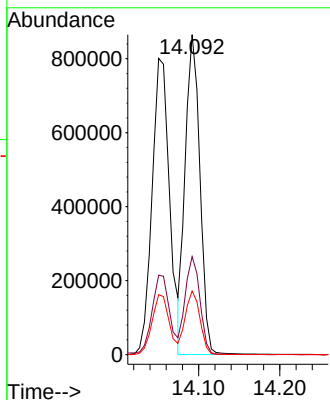
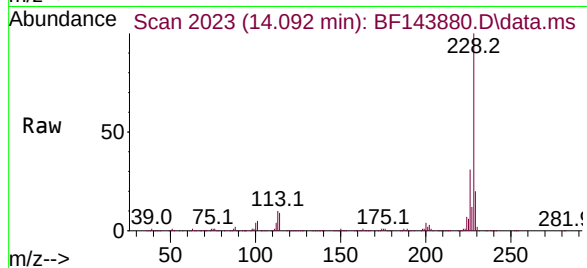




#83
Chrysene
Concen: 46.065 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

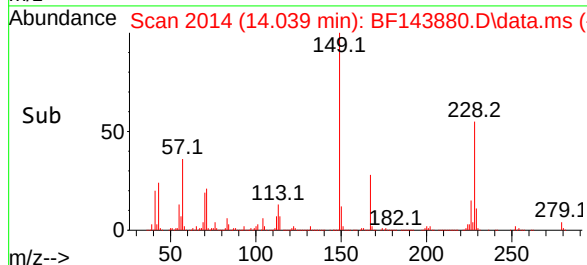
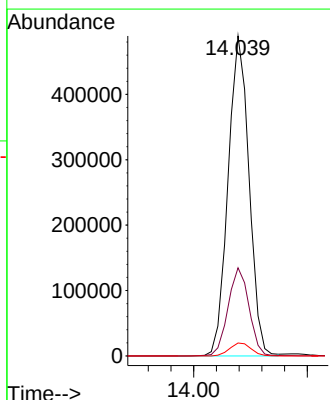
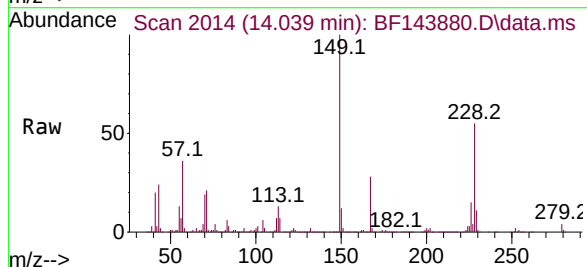
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

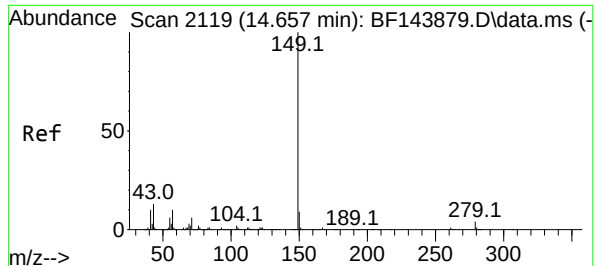
Tgt Ion:228 Resp: 1090275
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.9 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.146 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 626818
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 4.0 3.1 4.7

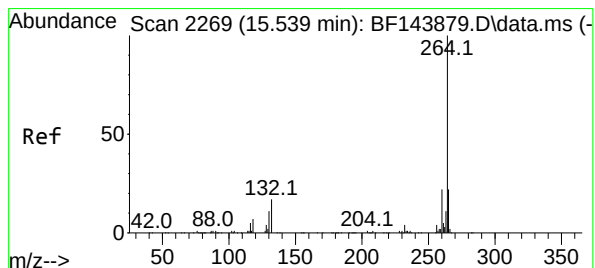
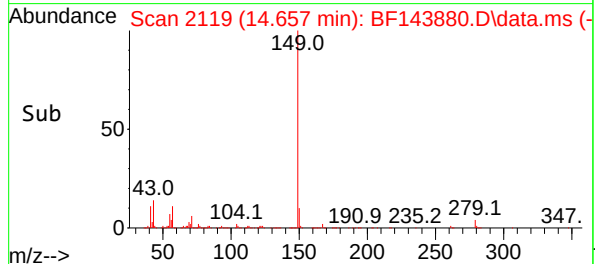
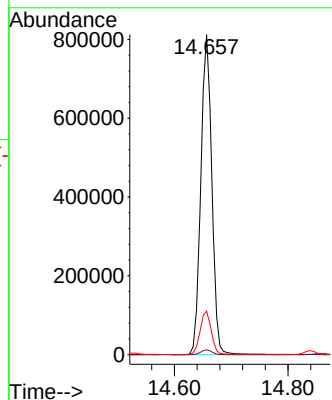
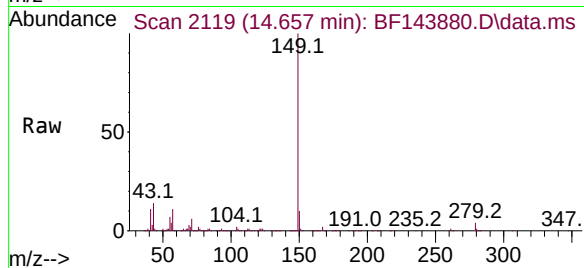




#85
Di-n-octyl phthalate
Concen: 51.691 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

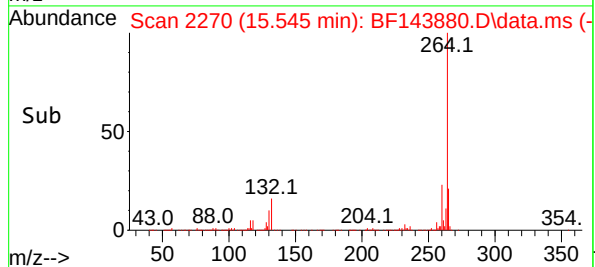
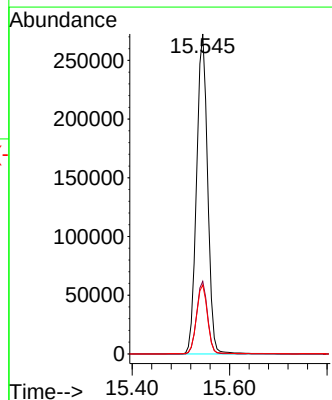
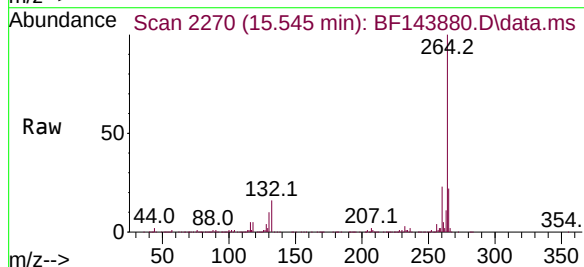
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

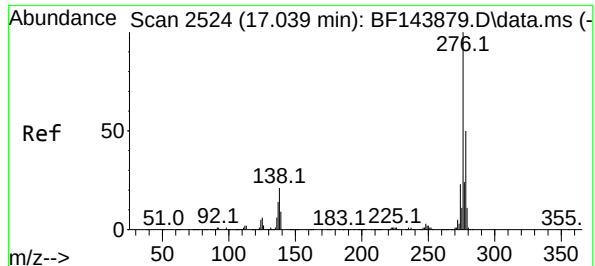
Tgt Ion:149 Resp: 1082833
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.9 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:264 Resp: 426414
Ion Ratio Lower Upper
264 100
260 22.7 17.8 26.8
265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.373 ng

RT: 17.045 min Scan# 211

Delta R.T. -0.012 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

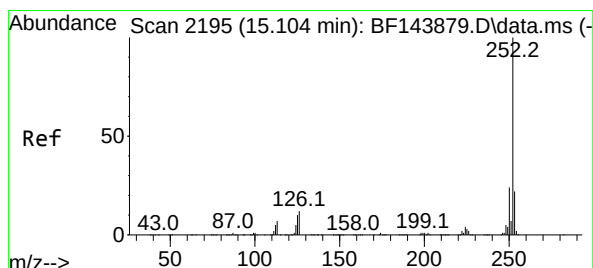
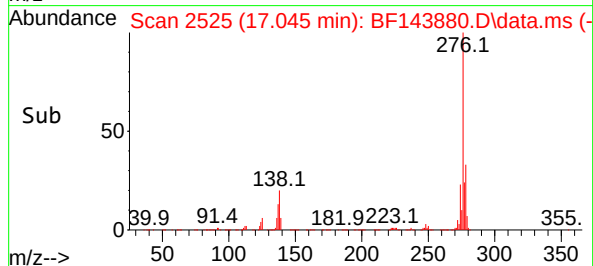
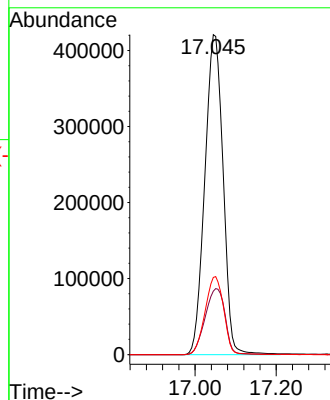
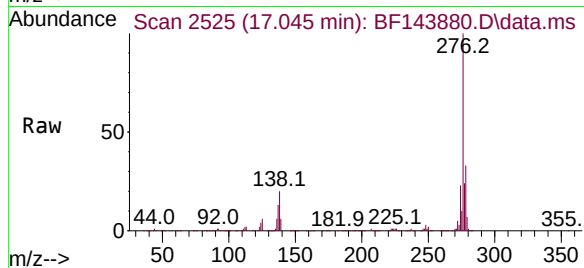
Tgt Ion:276 Resp: 1316167

Ion Ratio Lower Upper

276 100

138 22.6 18.2 27.2

277 24.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 47.652 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

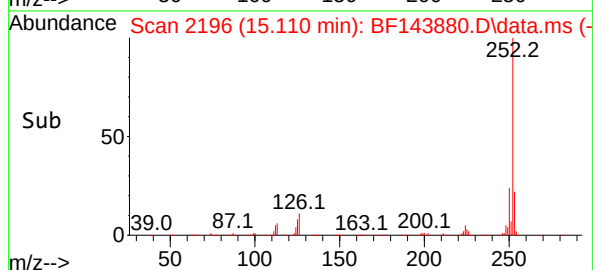
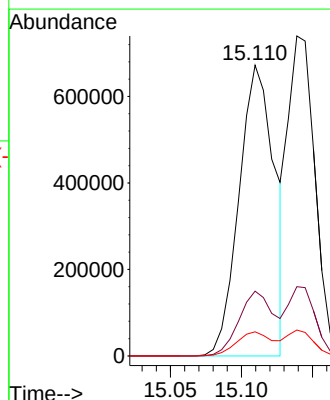
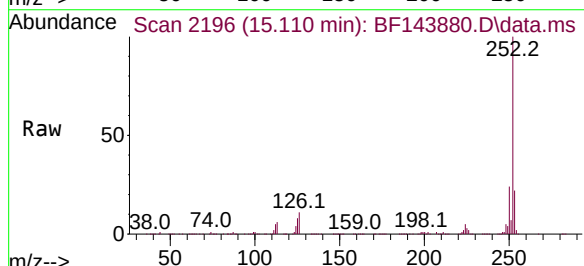
Tgt Ion:252 Resp: 1167220

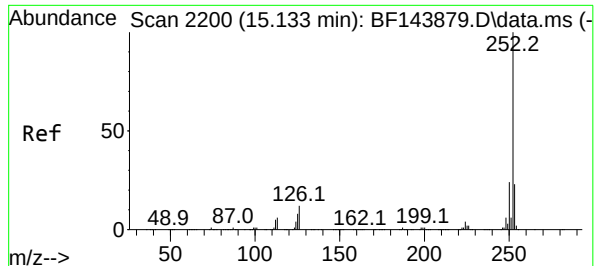
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 8.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 43.392 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

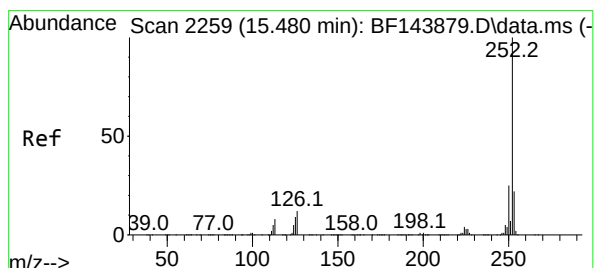
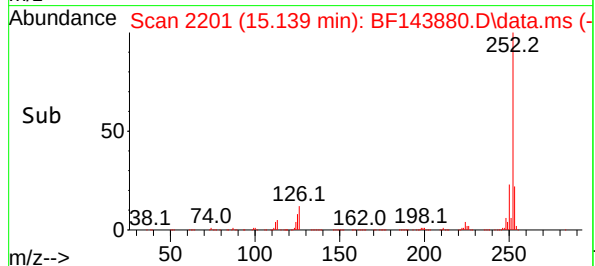
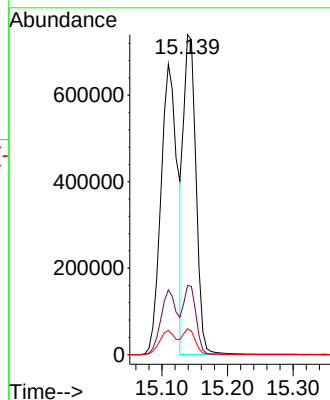
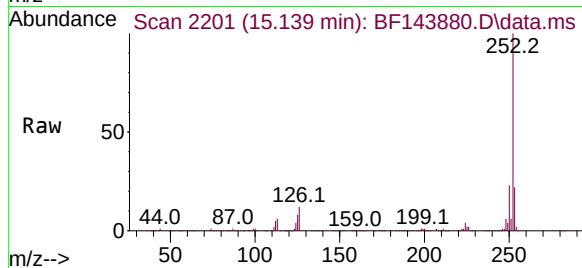
Tgt Ion:252 Resp: 983488

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 8.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 46.960 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

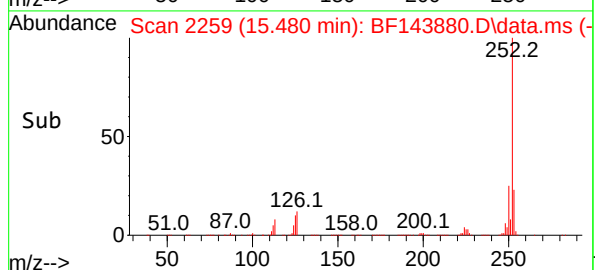
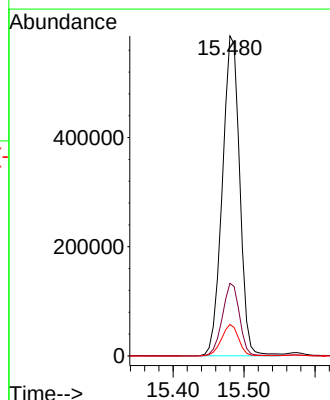
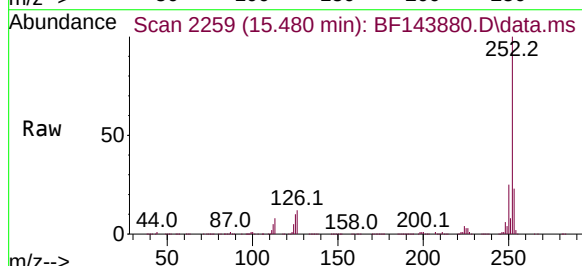
Tgt Ion:252 Resp: 997382

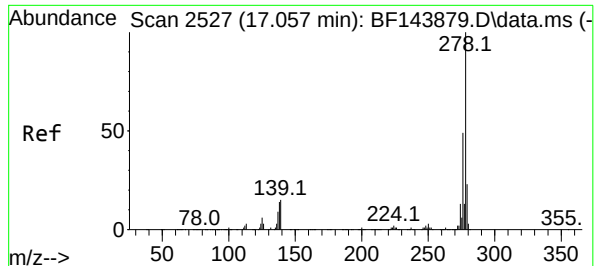
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 9.8 7.0 10.4

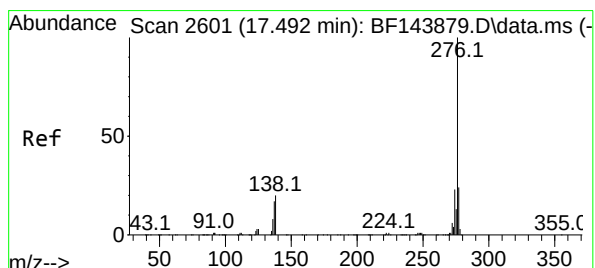
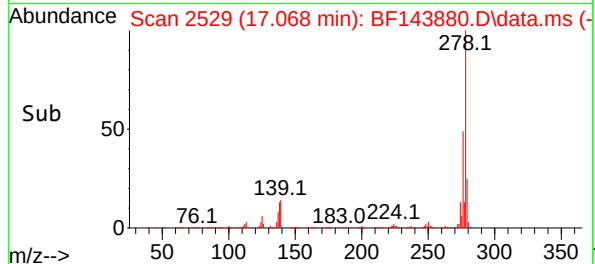
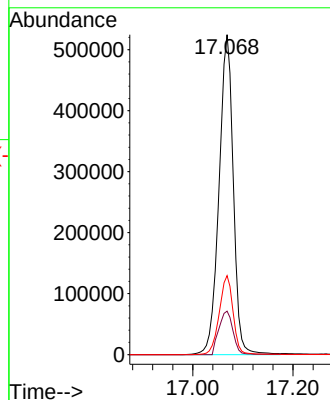
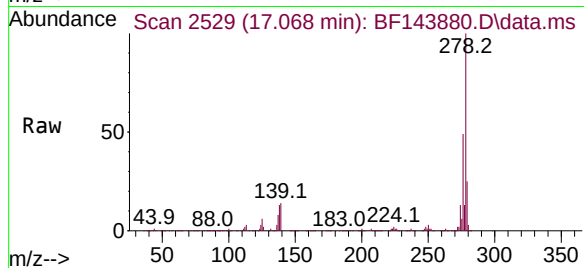




#91
Dibenzo(a,h)anthracene
Concen: 49.457 ng
RT: 17.068 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

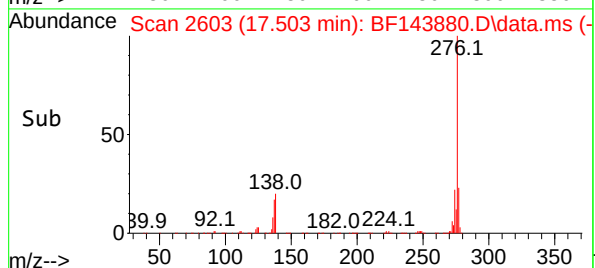
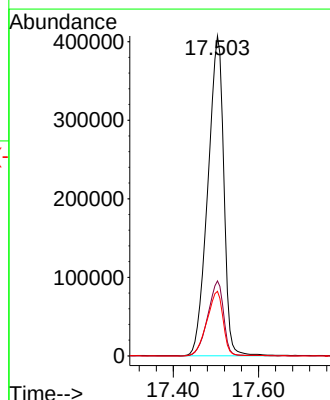
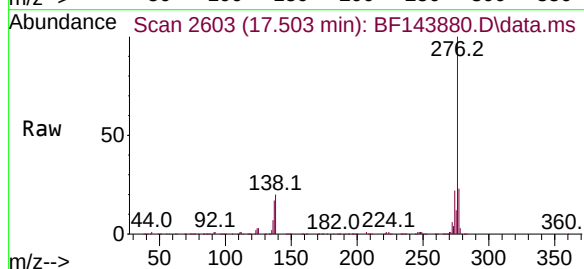
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 1039281
Ion Ratio Lower Upper
278 100
139 13.6 11.7 17.5
279 24.7 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 50.253 ng
RT: 17.503 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:276 Resp: 1056021
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 20.2 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143881.D
 Acq On : 06 Oct 2025 13:53
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 06 15:38:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	136069	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	524164	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	286024	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	485489	20.000	ng	0.00
76) Chrysene-d12	14.063	240	287097	20.000	ng	0.00
86) Perylene-d12	15.539	264	309882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	961239	112.181	ng	0.00
7) Phenol-d6	6.510	99	1132663	110.899	ng	0.00
23) Nitrobenzene-d5	7.451	82	1021762	118.430	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	343442	120.554	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1764203	97.871	ng	0.00
79) Terphenyl-d14	13.004	244	1861234	110.799	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	235125	59.298	ng	98
3) Pyridine	3.410	79	685786	59.411	ng	99
4) n-Nitrosodimethylamine	3.369	42	371223	61.134	ng	96
6) Aniline	6.551	93	870980	56.909	ng	100
8) 2-Chlorophenol	6.669	128	482622	57.621	ng	98
9) Benzaldehyde	6.440	77	567228	71.995	ng	99
10) Phenol	6.528	94	710019	58.149	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	531386	56.337	ng	98
12) 1,3-Dichlorobenzene	6.828	146	541823	54.041	ng	99
13) 1,4-Dichlorobenzene	6.904	146	547027	55.312	ng	100
14) 1,2-Dichlorobenzene	7.051	146	525807	55.507	ng	99
15) Benzyl Alcohol	7.028	79	450578	58.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1202366	56.002	ng	100
17) 2-Methylphenol	7.134	107	402660	58.170	ng	97
18) Hexachloroethane	7.398	117	189228	57.373	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	383071	54.794	ng	99
20) 3+4-Methylphenols	7.287	107	435782	54.319	ng	94
22) Acetophenone	7.298	105	589502	53.189	ng	98
24) Nitrobenzene	7.469	77	574563	59.969	ng	99
25) Isophorone	7.710	82	1042198	57.290	ng	99
26) 2-Nitrophenol	7.781	139	272450	66.327	ng	99
27) 2,4-Dimethylphenol	7.816	122	437344	59.187	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	631066	54.917	ng	99
29) 2,4-Dichlorophenol	8.022	162	442749	57.524	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	428102	56.555	ng	98
31) Naphthalene	8.192	128	1284573	53.874	ng	100
32) Benzoic acid	7.940	122	348955	68.237	ng	97
33) 4-Chloroaniline	8.239	127	504823	56.451	ng	99
34) Hexachlorobutadiene	8.304	225	294507	55.989	ng	98
35) Caprolactam	8.622	113	146970	60.055	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	423904	57.336	ng	99
37) 2-Methylnaphthalene	8.881	142	838837	52.814	ng	100
38) 1-Methylnaphthalene	8.981	142	822755	53.405	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	445714	56.382	ng	98
41) Hexachlorocyclopentadiene	9.034	237	205978	62.806	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	338809	58.657	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143881.D
 Acq On : 06 Oct 2025 13:53
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

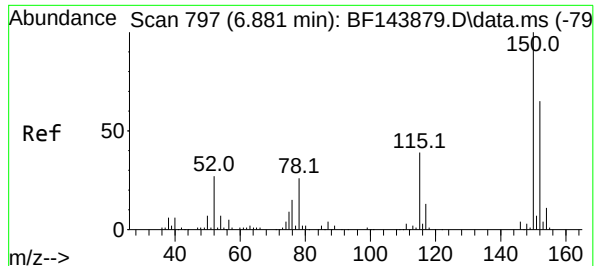
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	345605	56.620	ng	98
46) 1,1'-Biphenyl	9.345	154	1004440	53.040	ng	99
47) 2-Chloronaphthalene	9.375	162	860999	54.531	ng	98
48) 2-Nitroaniline	9.463	65	312884	62.679	ng	99
49) Acenaphthylene	9.786	152	1223951	55.140	ng	99
50) Dimethylphthalate	9.645	163	1031391	56.783	ng	100
51) 2,6-Dinitrotoluene	9.710	165	214169	63.587	ng	99
52) Acenaphthene	9.963	154	801773	55.124	ng	99
53) 3-Nitroaniline	9.881	138	255984	62.070	ng	96
54) 2,4-Dinitrophenol	9.981	184	123295	61.138	ng	95
55) Dibenzofuran	10.133	168	1111183	54.120	ng	99
56) 4-Nitrophenol	10.034	139	195321	62.550	ng	92
57) 2,4-Dinitrotoluene	10.110	165	297018	64.812	ng	97
58) Fluorene	10.475	166	791518	51.090	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	264796	61.283	ng	# 97
60) Diethylphthalate	10.351	149	948580	56.214	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	433339	52.905	ng	97
62) 4-Nitroaniline	10.498	138	247024	62.288	ng	98
63) Azobenzene	10.628	77	992054	56.252	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	166740	68.344	ng	99
66) n-Nitrosodiphenylamine	10.586	169	850570	55.797	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	302165	56.317	ng	98
68) Hexachlorobenzene	11.028	284	356406	57.378	ng	97
69) Atrazine	11.116	200	257412	55.713	ng	98
70) Pentachlorophenol	11.216	266	224011	62.792	ng	99
71) Phenanthrene	11.439	178	1270063	53.961	ng	99
72) Anthracene	11.492	178	1282940	53.956	ng	99
73) Carbazole	11.645	167	1170717	55.592	ng	99
74) Di-n-butylphthalate	11.975	149	1389569	56.934	ng	100
75) Fluoranthene	12.633	202	1325716	54.530	ng	99
77) Benzidine	12.751	184	551394	55.312	ng	98
78) Pyrene	12.863	202	1359513	56.800	ng	99
80) Butylbenzylphthalate	13.480	149	476448	61.293	ng	98
81) Benzo(a)anthracene	14.051	228	1111626	59.168	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	347863	60.756	ng	99
83) Chrysene	14.092	228	969765	55.770	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	579121	61.804	ng	99
85) Di-n-octyl phthalate	14.657	149	991597	64.431	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	1173726	61.815	ng	100
88) Benzo(b)fluoranthene	15.110	252	1117484	62.778	ng	99
89) Benzo(k)fluoranthene	15.139	252	855988	51.969	ng	99
90) Benzo(a)pyrene	15.480	252	901585	58.412	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	935987	61.291	ng	98
92) Benzo(g,h,i)perylene	17.504	276	946452	61.976	ng	98

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

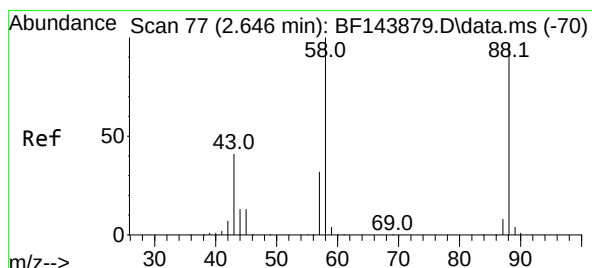
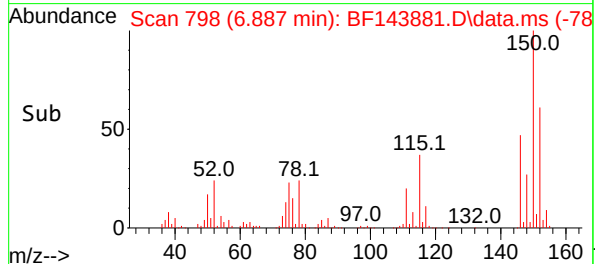
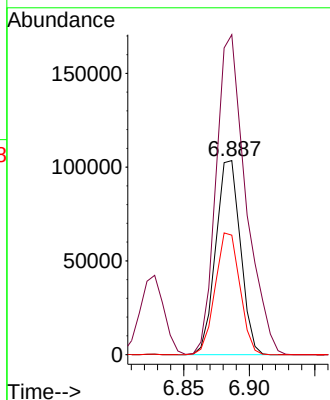
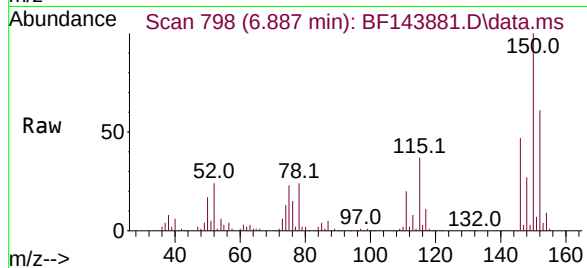
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

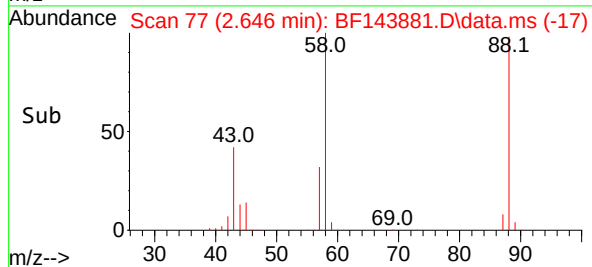
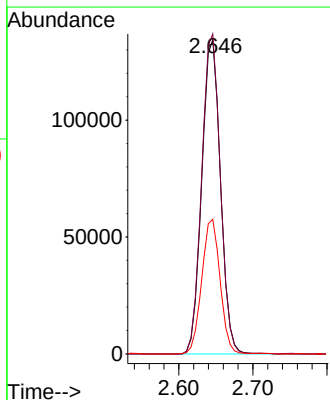
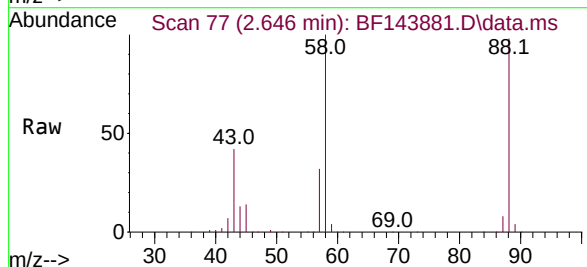
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

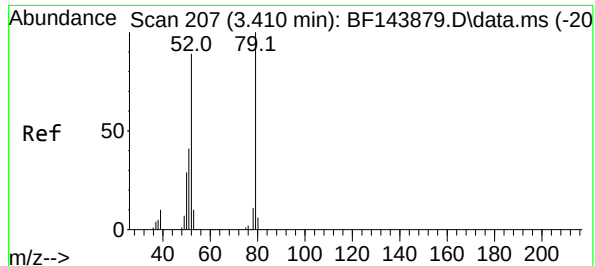
Tgt Ion:152 Resp: 136069
Ion Ratio Lower Upper
152 100
150 165.0 124.4 186.6
115 61.6 48.1 72.1



#2
1,4-Dioxane
Concen: 59.298 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 88 Resp: 235125
Ion Ratio Lower Upper
88 100
58 101.8 83.0 124.6
43 42.1 33.9 50.9





#3

Pyridine

Concen: 59.411 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

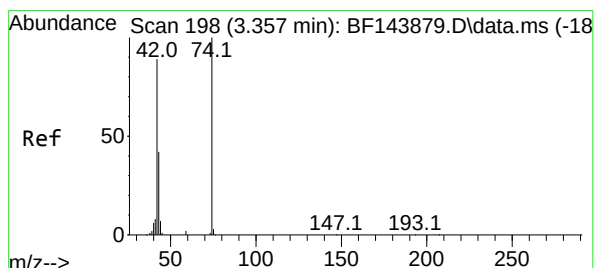
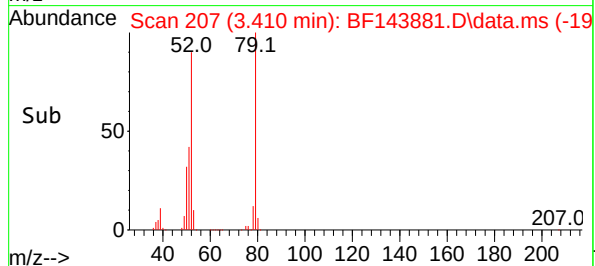
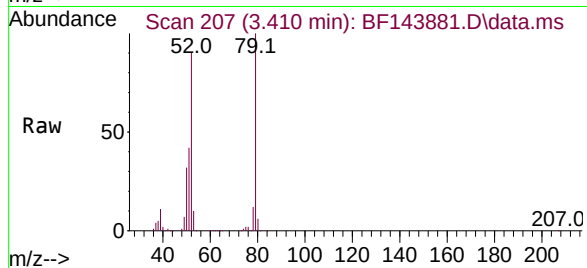
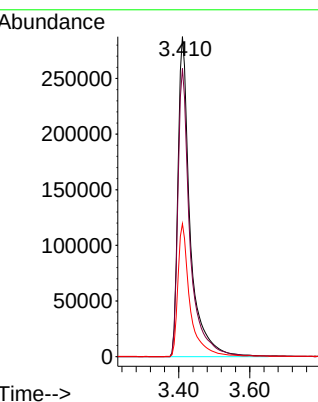
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 685786

Ion	Ratio	Lower	Upper
79	100		
52	90.0	71.5	107.3
51	41.5	32.9	49.3



#4

n-Nitrosodimethylamine

Concen: 61.134 ng

RT: 3.369 min Scan# 200

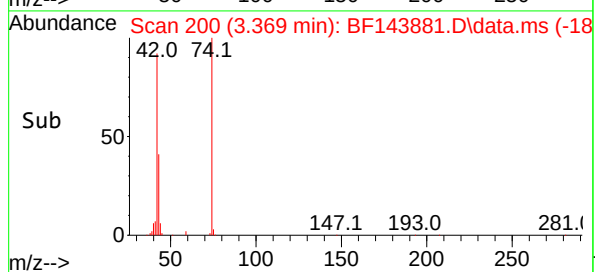
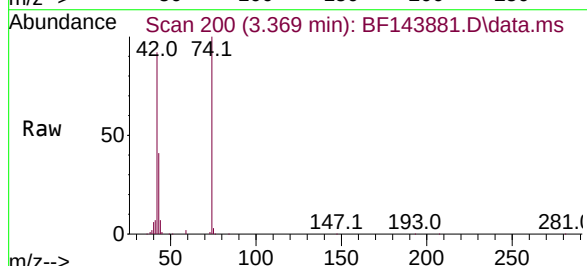
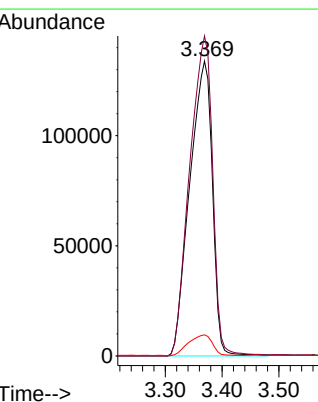
Delta R.T. -0.017 min

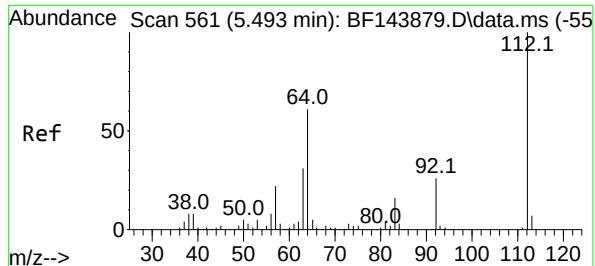
Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 42 Resp: 371223

Ion	Ratio	Lower	Upper
42	100		
74	108.6	90.0	135.0
44	7.1	6.2	9.2

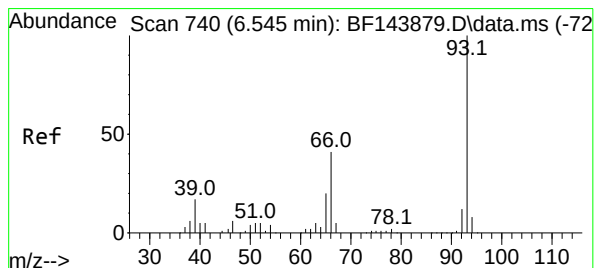
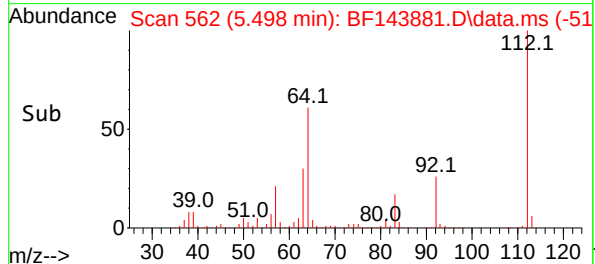
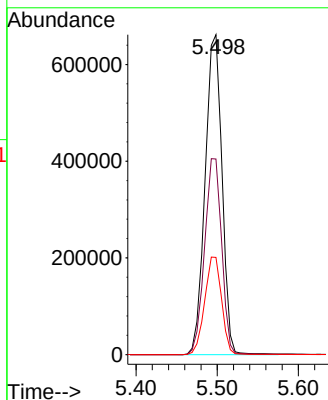
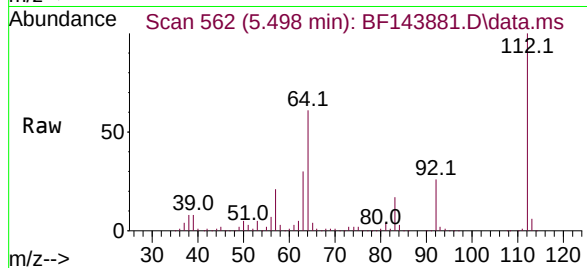




#5
2-Fluorophenol
Concen: 112.181 ng
RT: 5.498 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

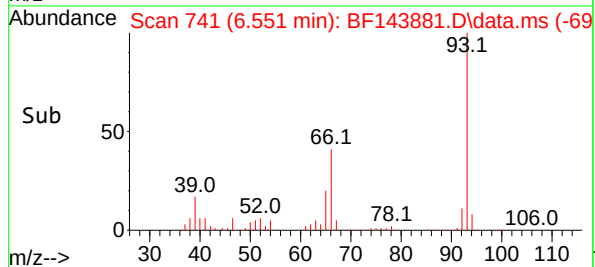
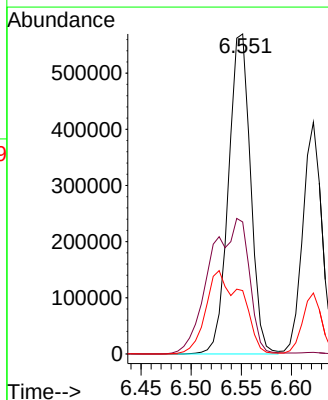
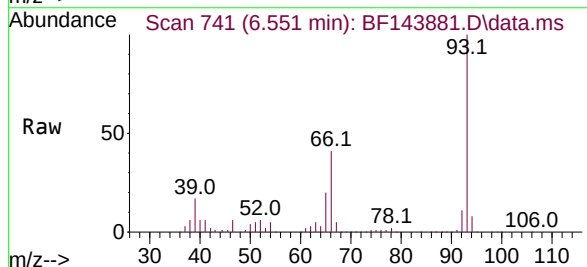
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

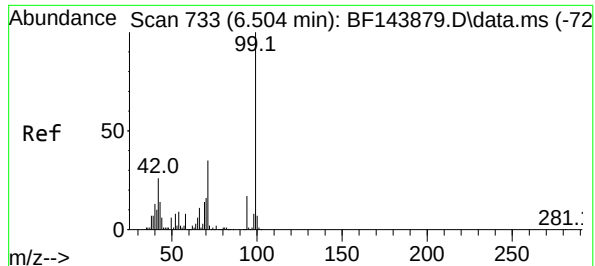
Tgt Ion:112 Resp: 961239
Ion Ratio Lower Upper
112 100
64 61.1 49.1 73.7
63 30.4 24.5 36.7



#6
Aniline
Concen: 56.909 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 93 Resp: 870980
Ion Ratio Lower Upper
93 100
66 41.2 33.0 49.6
65 19.8 15.8 23.8





#7

Phenol-d6

Concen: 110.899 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

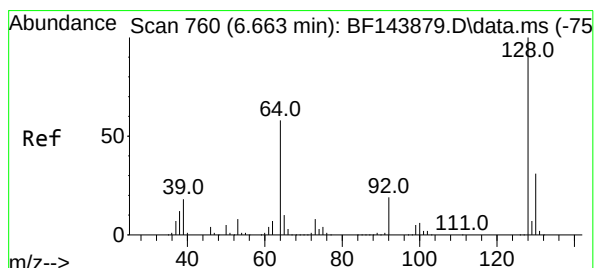
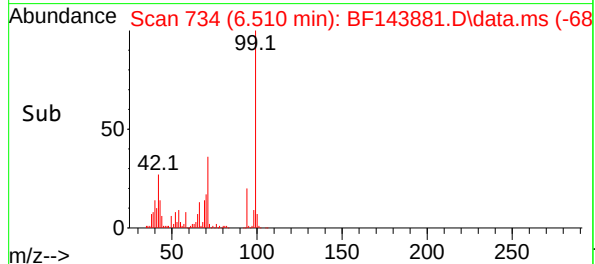
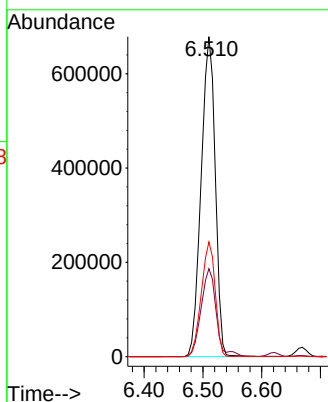
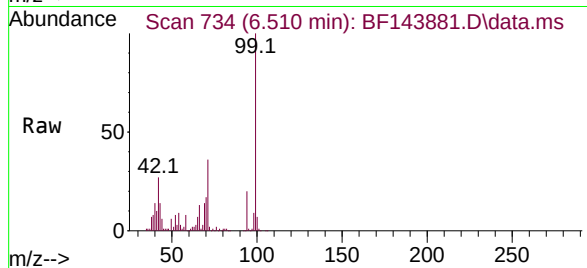
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1132663

Ion	Ratio	Lower	Upper
99	100		
42	27.5	21.0	31.4
71	35.8	27.8	41.8



#8

2-Chlorophenol

Concen: 57.621 ng

RT: 6.669 min Scan# 761

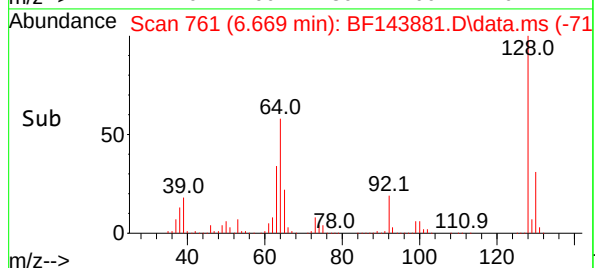
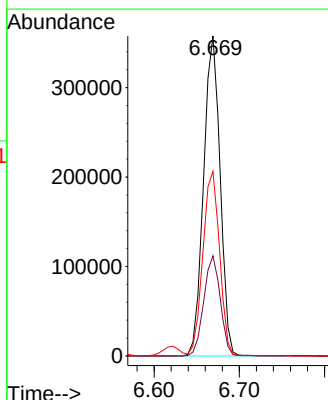
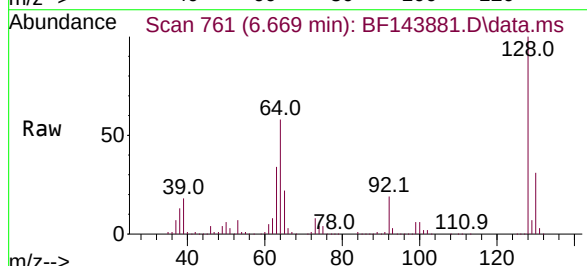
Delta R.T. 0.000 min

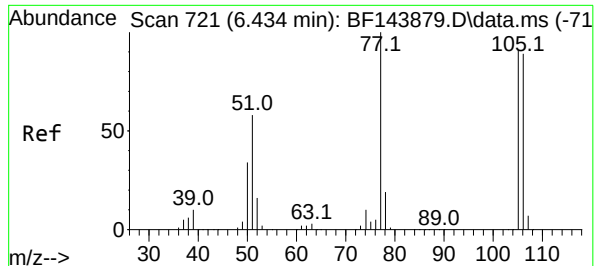
Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 128 Resp: 482622

Ion	Ratio	Lower	Upper
128	100		
130	31.3	10.7	50.7
64	57.6	39.0	79.0





#9

Benzaldehyde

Concen: 71.995 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

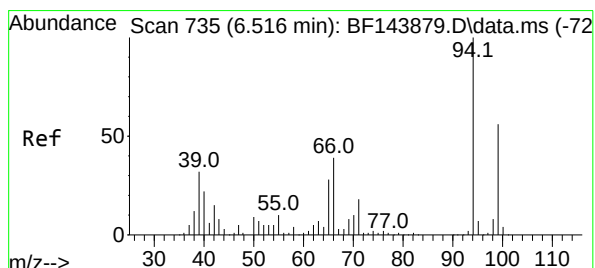
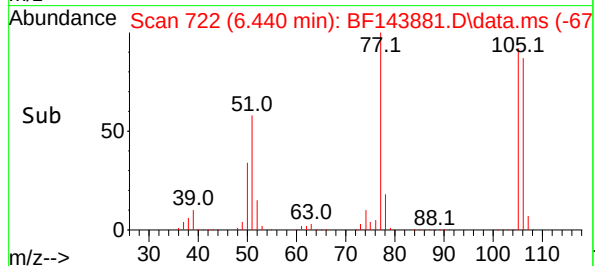
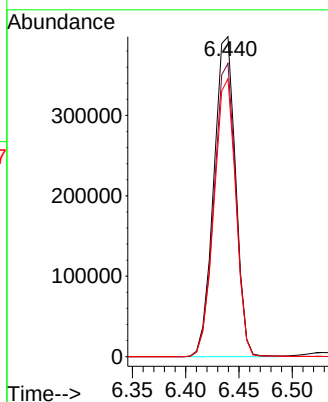
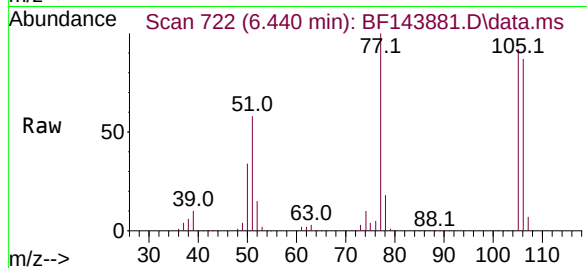
Tgt Ion: 77 Resp: 567228

Ion Ratio Lower Upper

77 100

105 91.6 70.9 110.9

106 86.8 68.9 108.9



#10

Phenol

Concen: 58.149 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

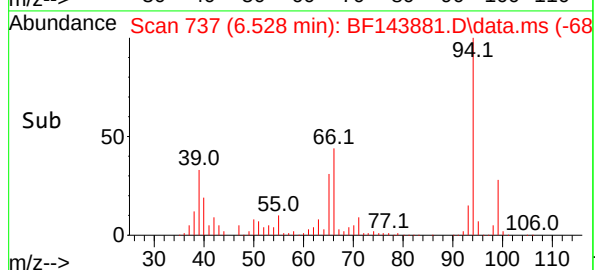
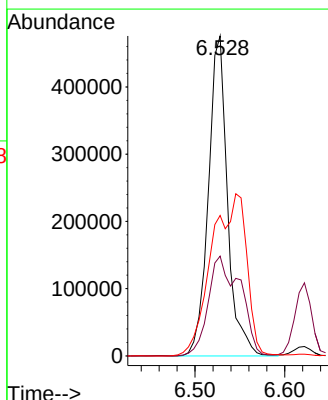
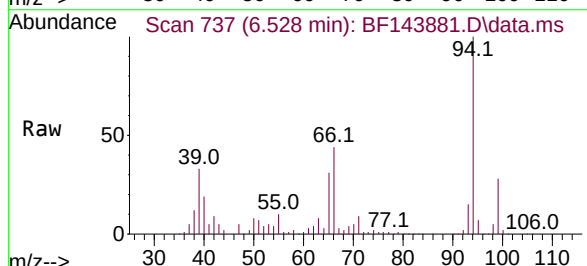
Tgt Ion: 94 Resp: 710019

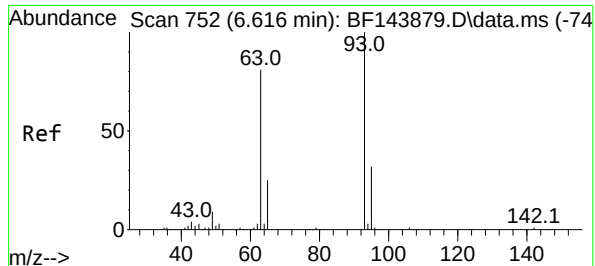
Ion Ratio Lower Upper

94 100

65 31.2 8.5 48.5

66 43.9 19.9 59.9

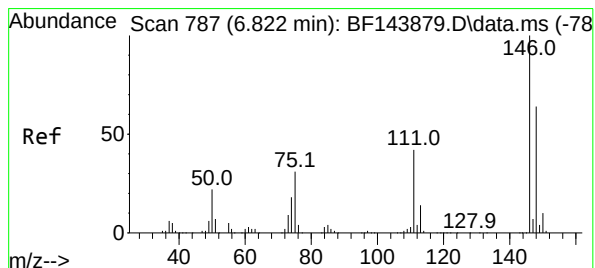
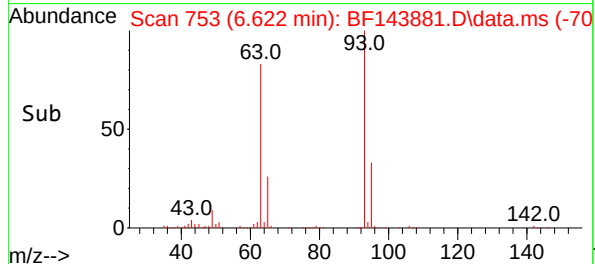
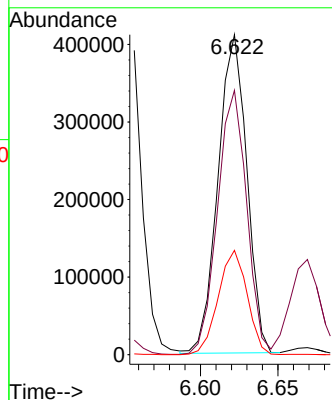
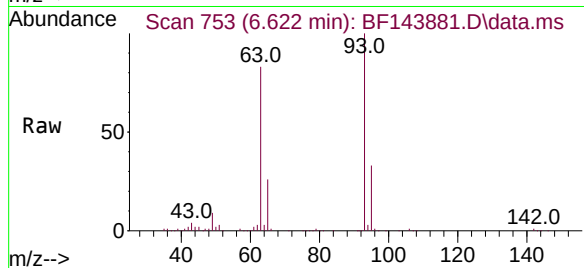




#11
bis(2-Chloroethyl)ether
Concen: 56.337 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

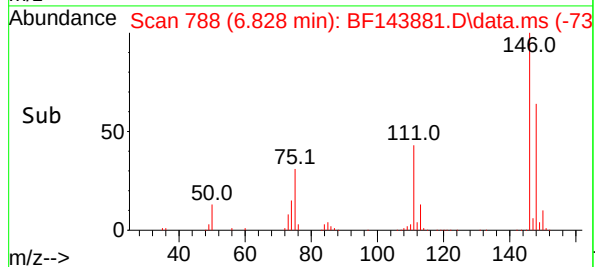
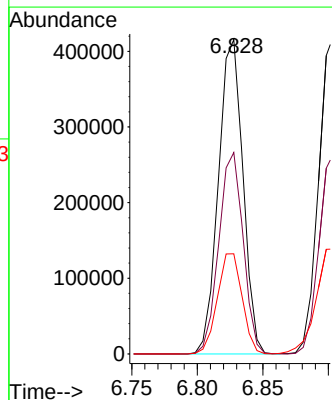
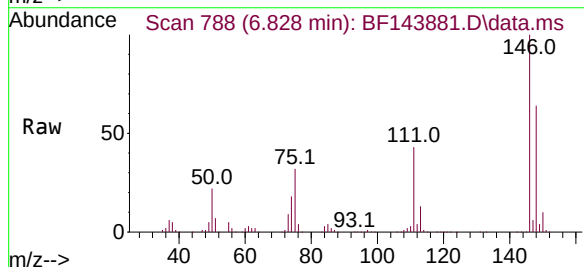
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

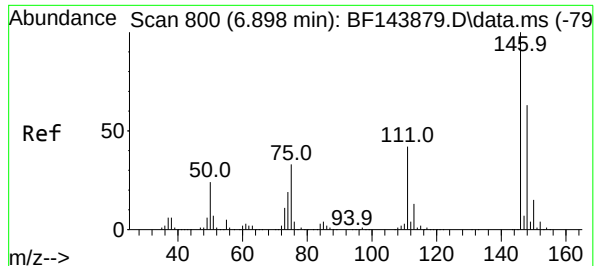
Tgt Ion: 93 Resp: 531386
Ion Ratio Lower Upper
93 100
63 82.6 60.9 100.9
95 32.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 54.041 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:146 Resp: 541823
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 31.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 55.312 ng

RT: 6.904 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

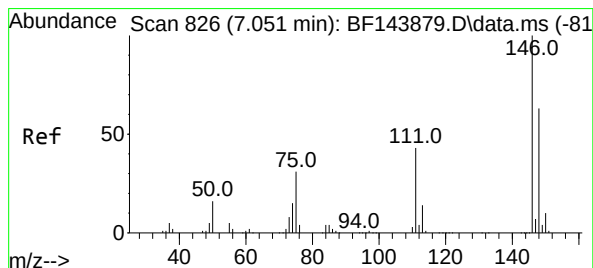
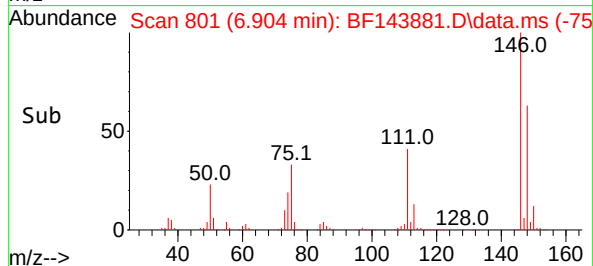
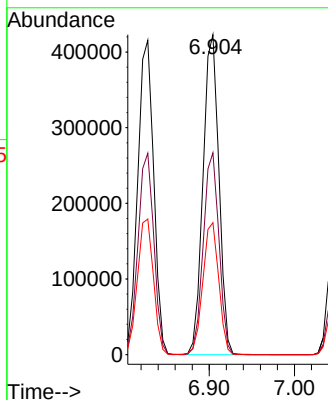
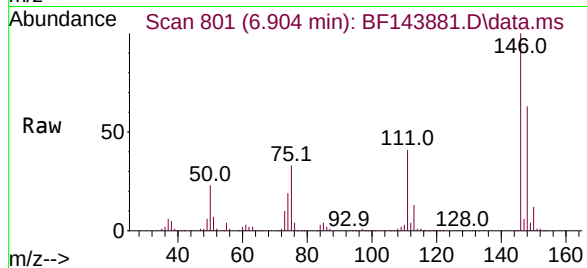
Tgt Ion:146 Resp: 547027

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 41.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 55.507 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

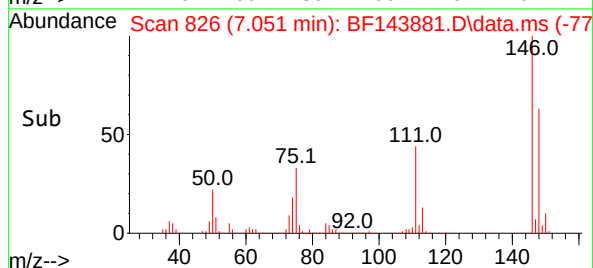
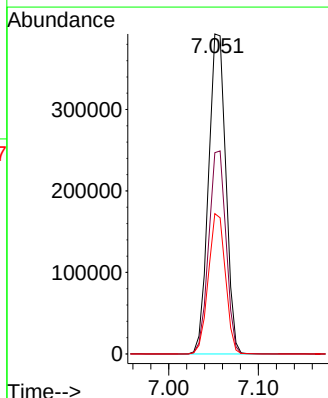
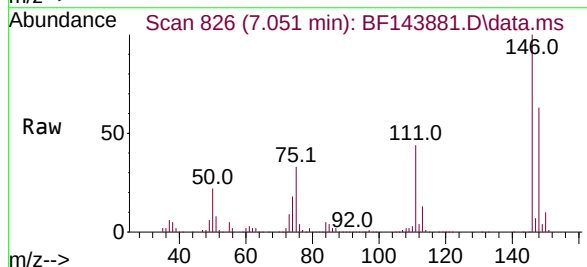
Tgt Ion:146 Resp: 525807

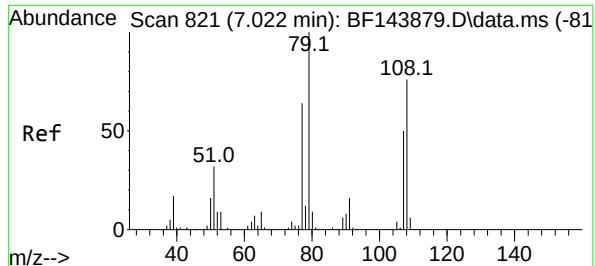
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

111 43.8 34.6 51.8

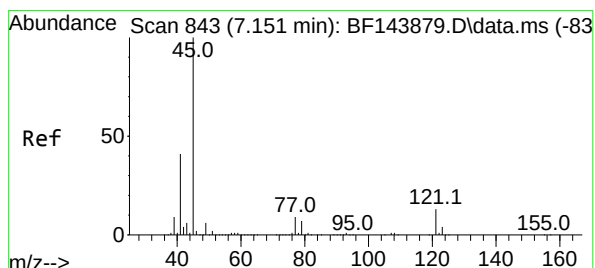
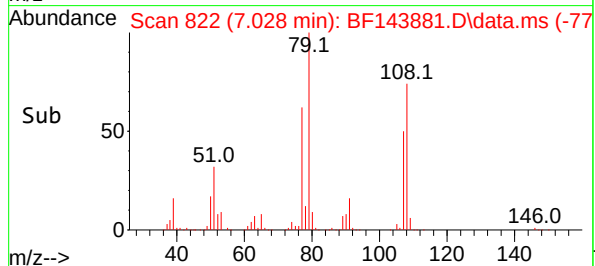
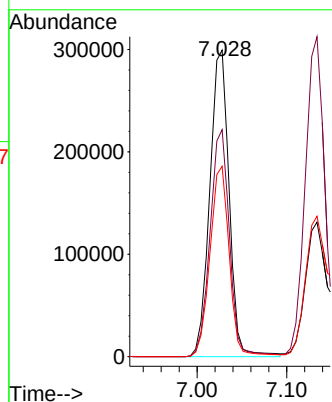
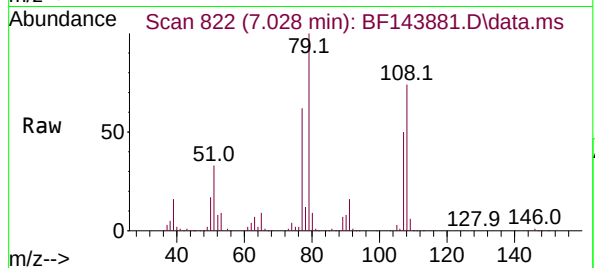




#15
Benzyl Alcohol
Concen: 58.880 ng
RT: 7.028 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

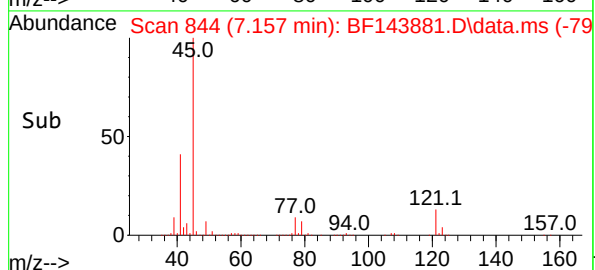
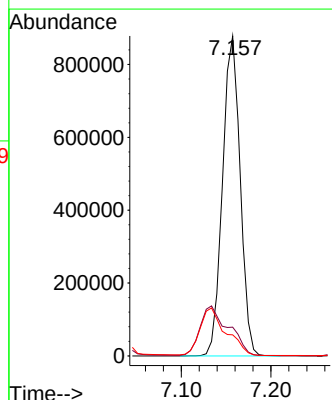
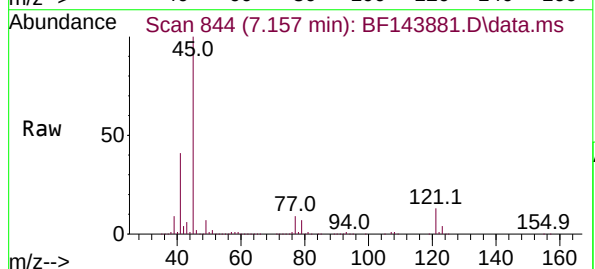
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

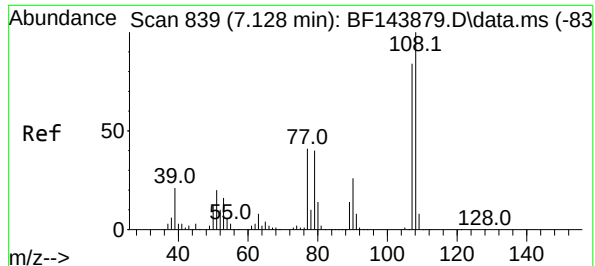
Tgt Ion: 79 Resp: 450578
Ion Ratio Lower Upper
79 100
108 74.1 60.8 91.2
77 62.1 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.002 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 45 Resp: 1202366
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.6 0.0 26.8

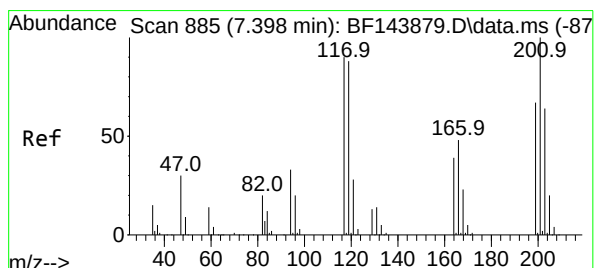
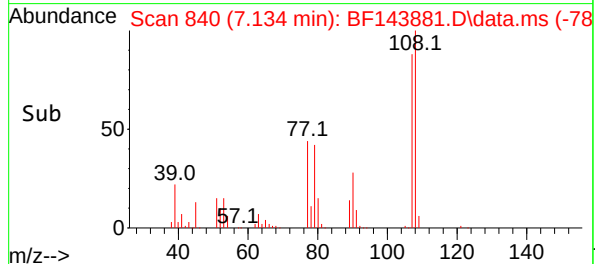
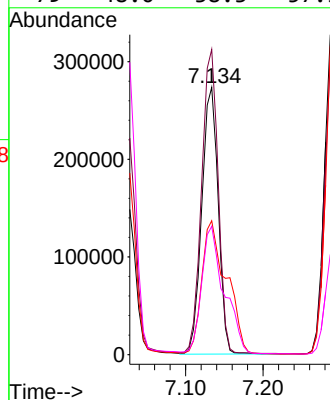
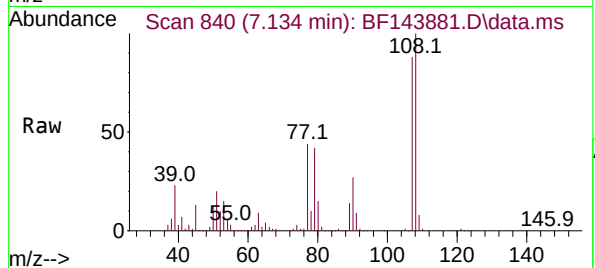




#17
2-Methylphenol
Concen: 58.170 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

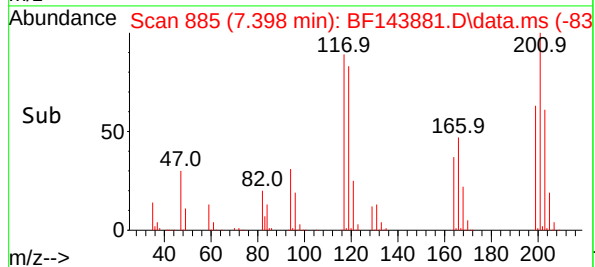
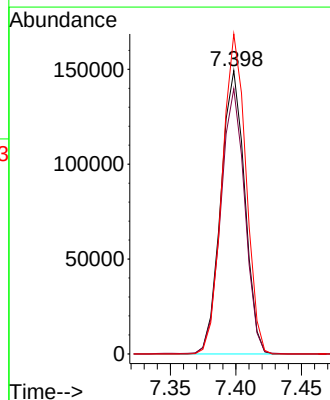
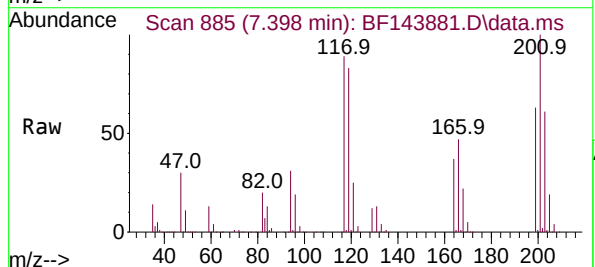
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

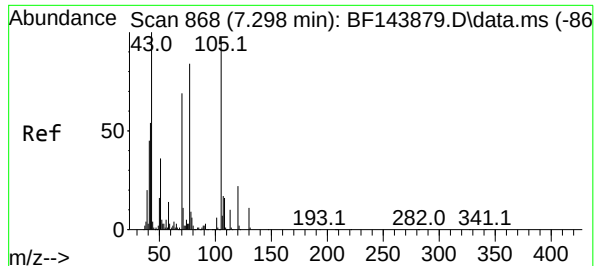
Tgt Ion:107 Resp: 402660
Ion Ratio Lower Upper
107 100
108 114.2 94.7 142.1
77 50.1 38.8 58.2
79 48.0 38.3 57.5



#18
Hexachloroethane
Concen: 57.373 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:117 Resp: 189228
Ion Ratio Lower Upper
117 100
119 93.6 77.8 116.8
201 112.9 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 54.794 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF143881.D

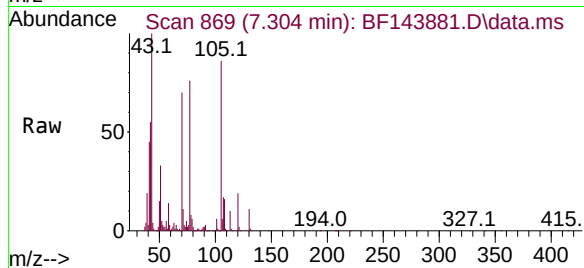
Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 383071

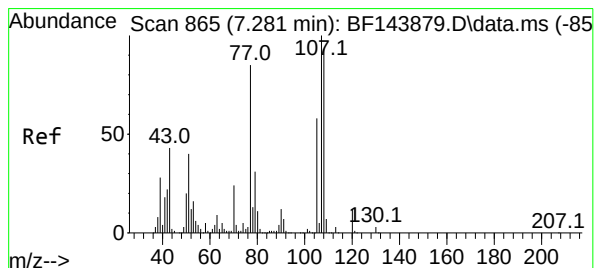
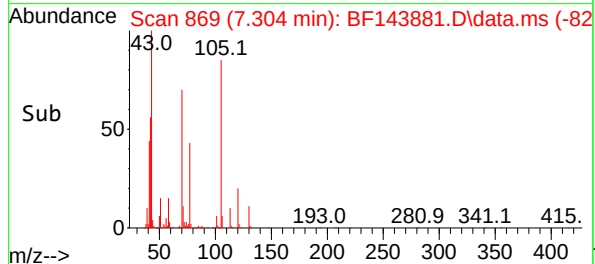
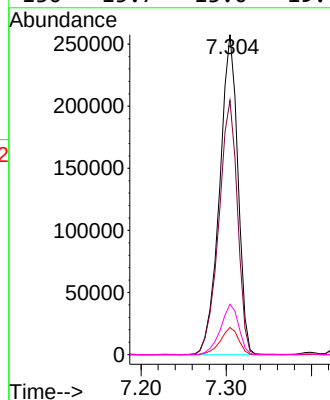
Ion Ratio Lower Upper

70 100

42 79.4 62.8 94.2

101 8.5 6.7 10.1

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 54.319 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 107 Resp: 435782

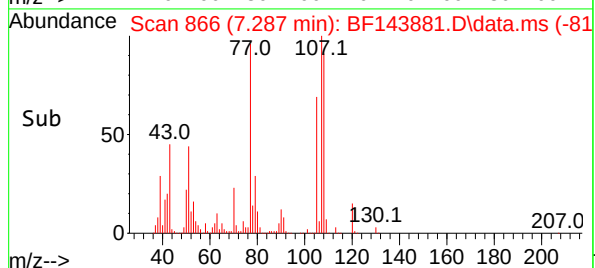
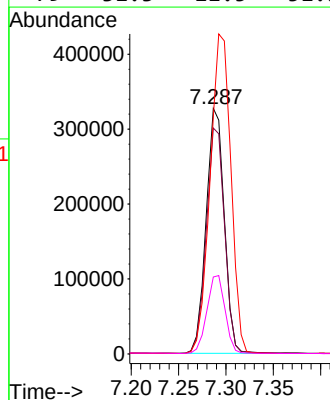
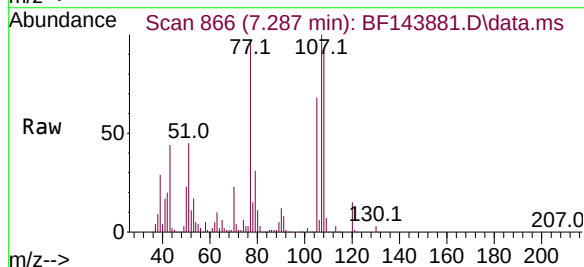
Ion Ratio Lower Upper

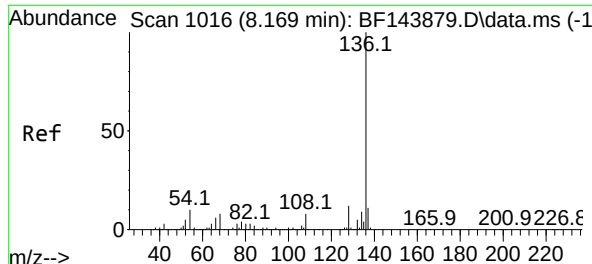
107 100

108 92.0 73.0 113.0

77 96.5 64.6 104.6

79 31.3 11.5 51.5

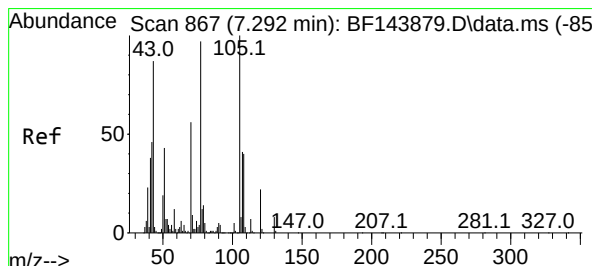
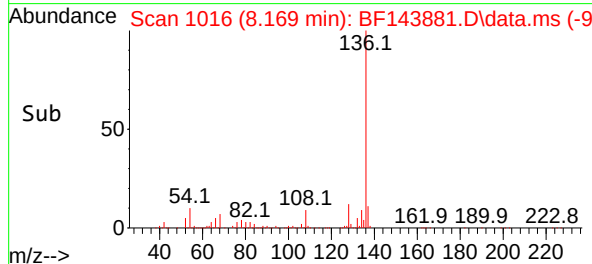
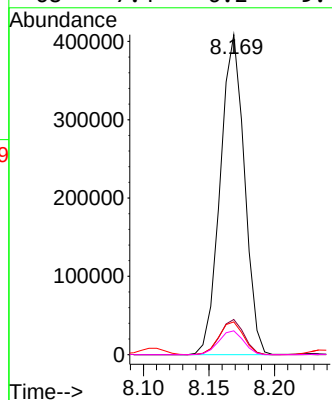
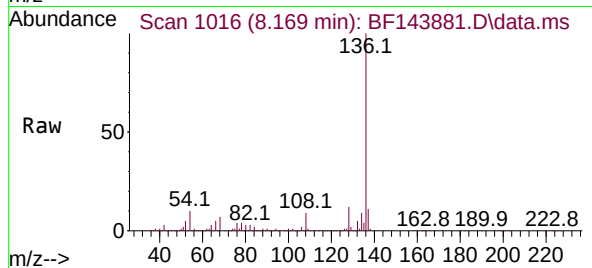




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

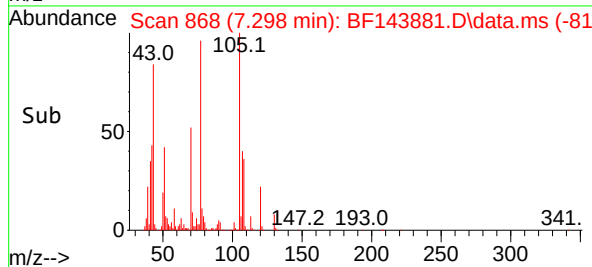
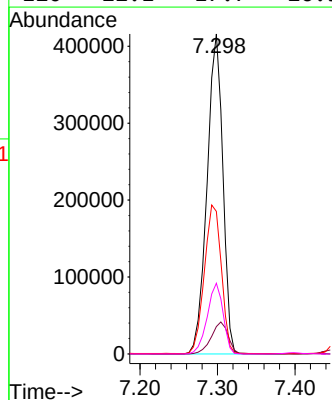
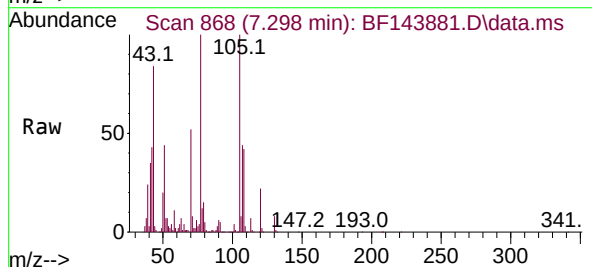
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

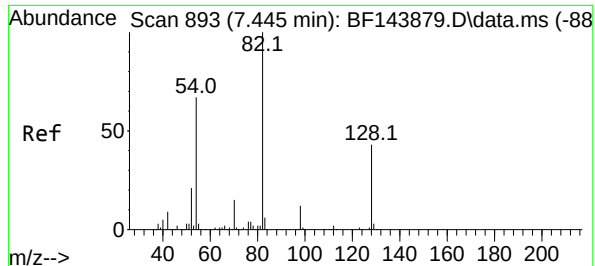
Tgt Ion:	136	Resp:	524164
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	10.2	8.2	12.4
68	7.4	6.2	9.4



#22
Acetophenone
Concen: 53.189 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:	105	Resp:	589502
Ion Ratio	Lower	Upper	
105	100		
71	8.5	7.4	11.0
51	44.5	34.2	51.4
120	22.1	17.7	26.5





#23

Nitrobenzene-d5

Concen: 118.430 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

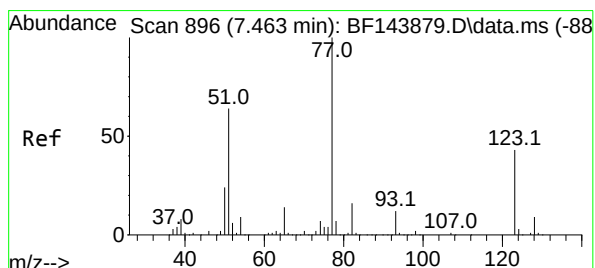
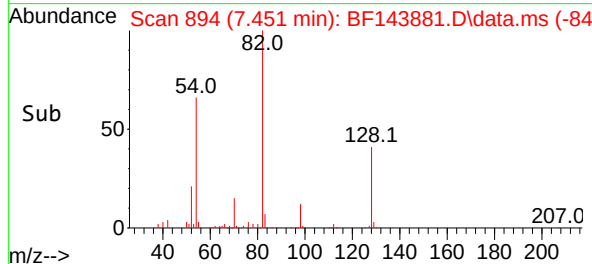
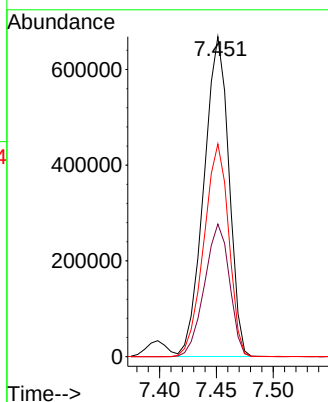
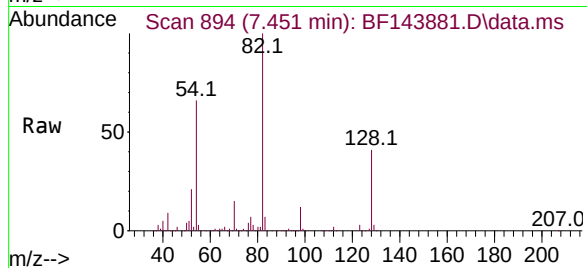
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1021762

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.0	51.0
54	66.5	53.2	79.8



#24

Nitrobenzene

Concen: 59.969 ng

RT: 7.469 min Scan# 897

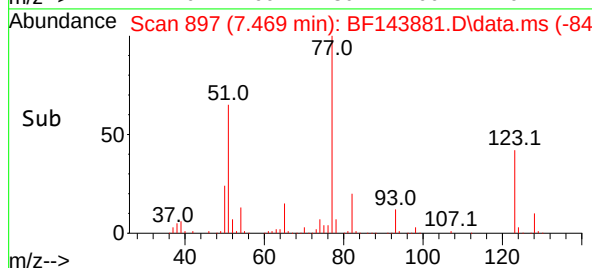
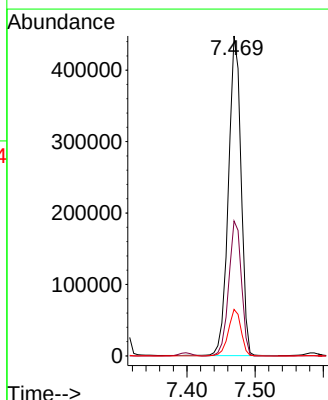
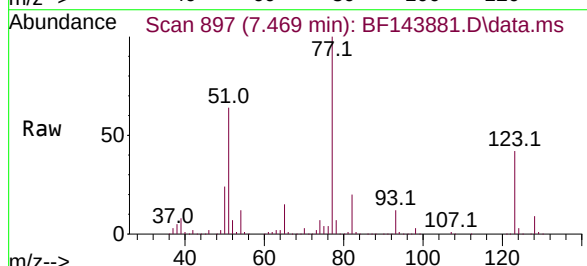
Delta R.T. -0.006 min

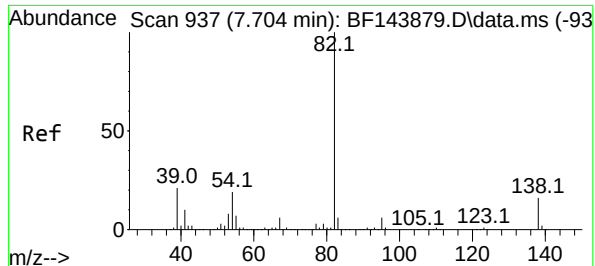
Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 77 Resp: 574563

Ion	Ratio	Lower	Upper
77	100		
123	42.2	34.2	51.4
65	14.5	11.0	16.6





#25

Isophorone

Concen: 57.290 ng

RT: 7.710 min Scan# 937

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

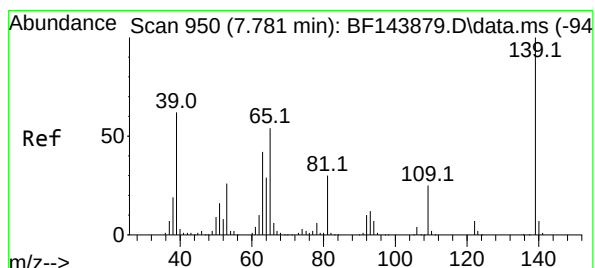
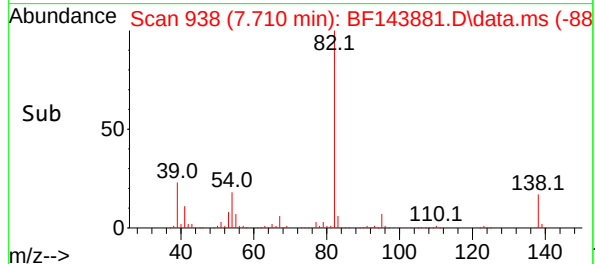
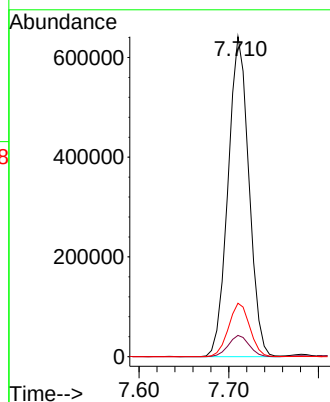
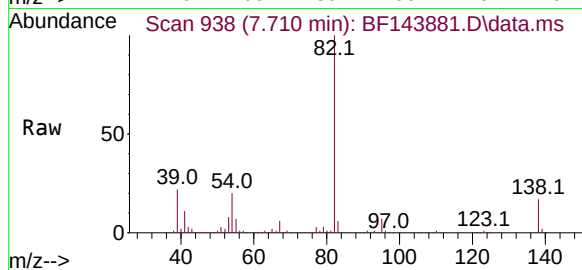
BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion: 82 Resp: 1042198

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.1	7.7
138	16.7	12.9	19.3



#26

2-Nitrophenol

Concen: 66.327 ng

RT: 7.781 min Scan# 950

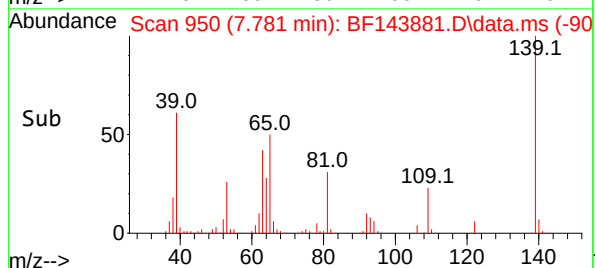
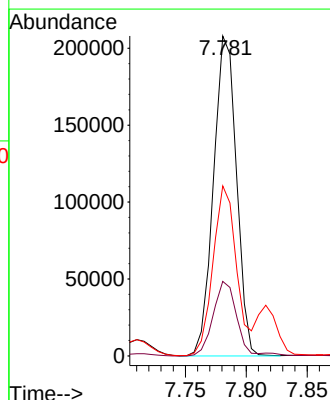
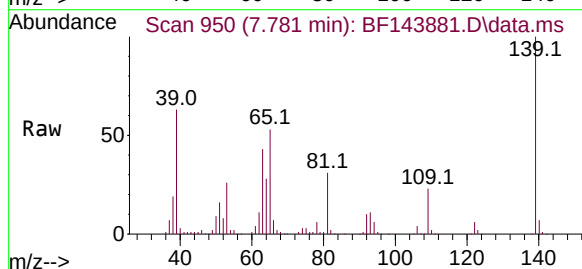
Delta R.T. -0.006 min

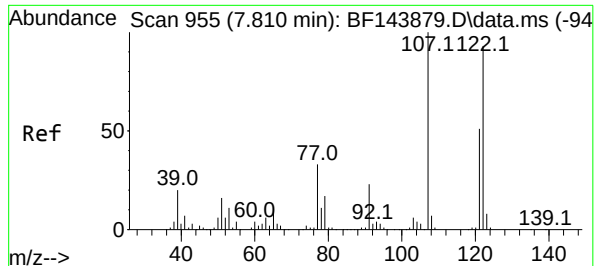
Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 139 Resp: 272450

Ion	Ratio	Lower	Upper
139	100		
109	23.3	19.8	29.6
65	53.1	42.9	64.3





#27

2,4-Dimethylphenol

Concen: 59.187 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

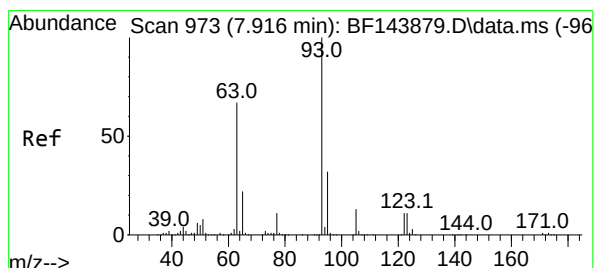
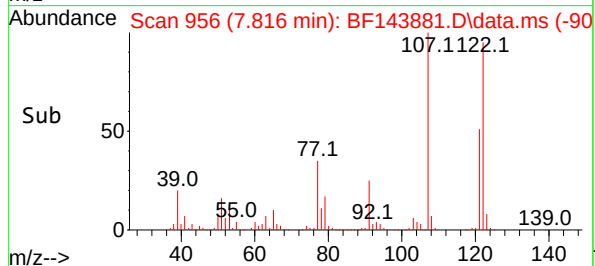
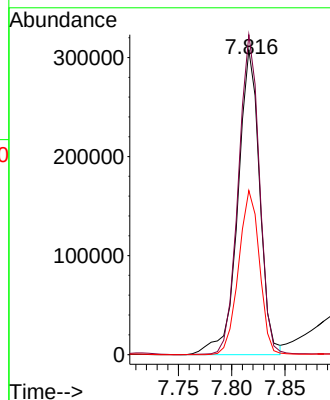
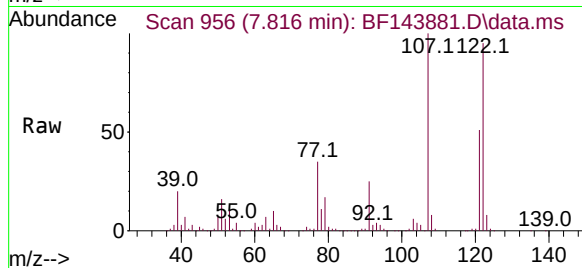
Tgt Ion:122 Resp: 437344

Ion Ratio Lower Upper

122 100

107 105.0 86.1 129.1

121 53.8 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 54.917 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

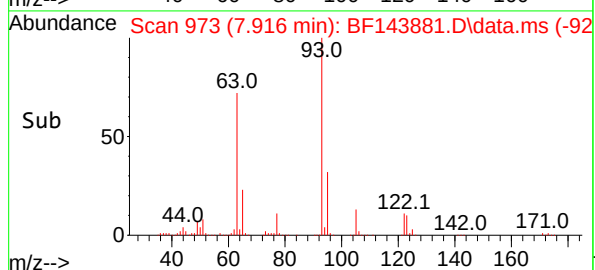
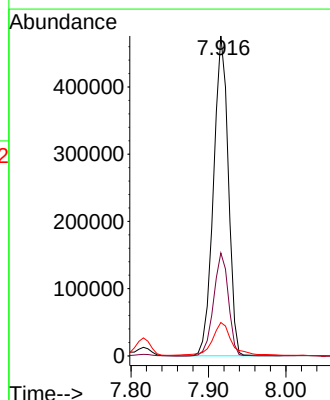
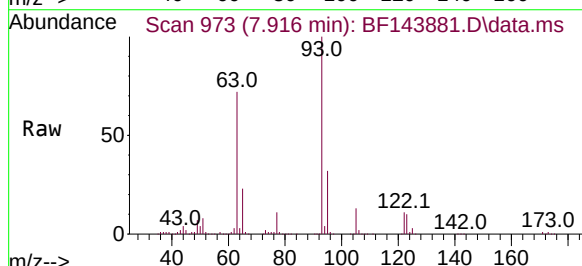
Tgt Ion: 93 Resp: 631066

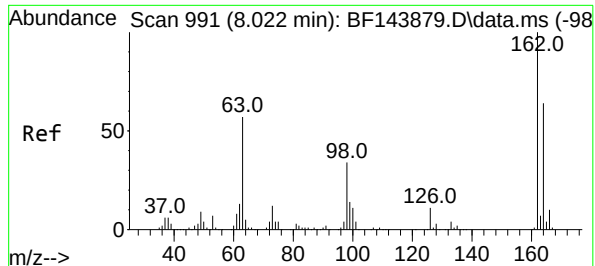
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

123 10.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 57.524 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

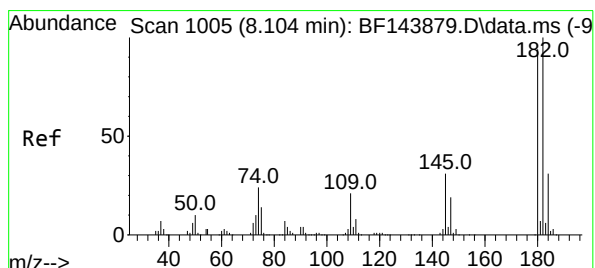
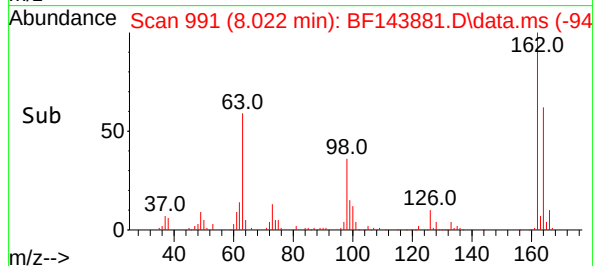
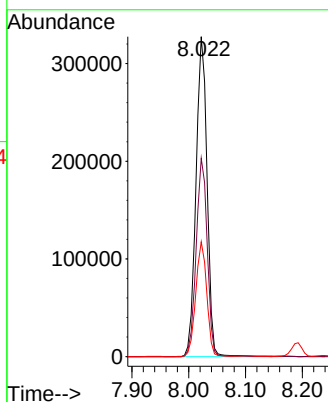
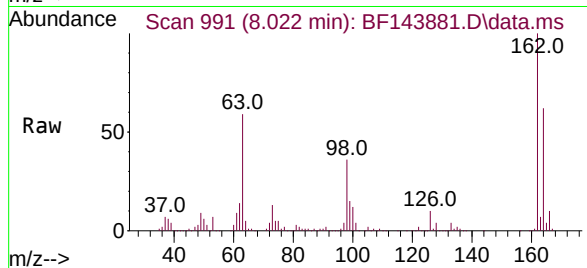
Tgt Ion:162 Resp: 442749

Ion Ratio Lower Upper

162 100

164 62.0 43.9 83.9

98 35.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 56.555 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

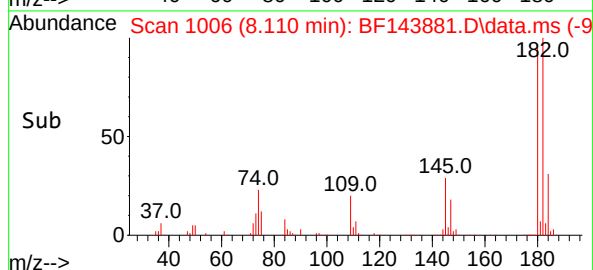
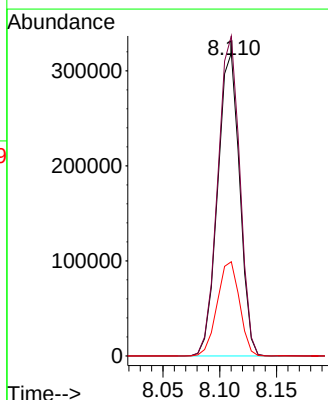
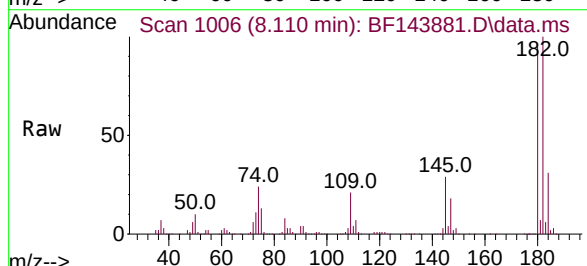
Tgt Ion:180 Resp: 428102

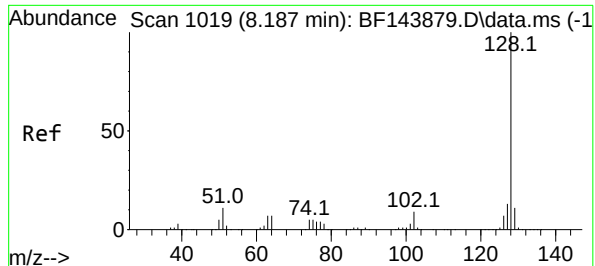
Ion Ratio Lower Upper

180 100

182 105.7 85.4 128.0

145 31.1 26.3 39.5

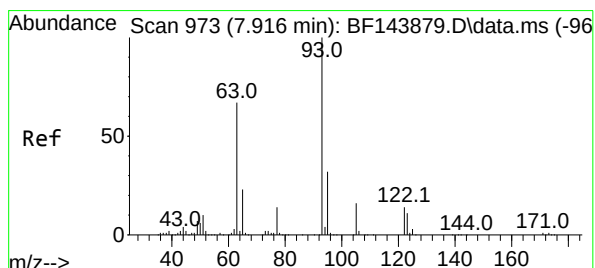
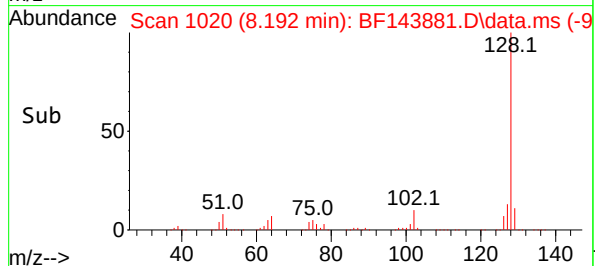
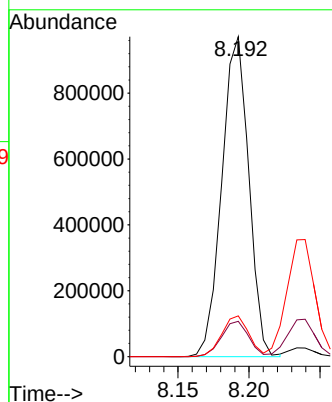
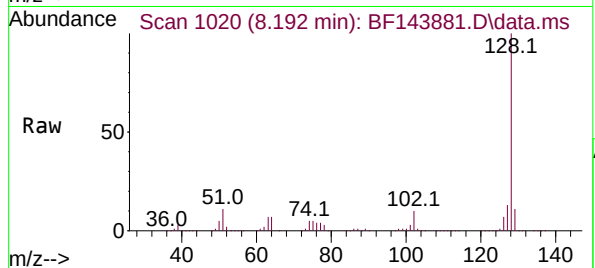




#31
Naphthalene
Concen: 53.874 ng
RT: 8.192 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

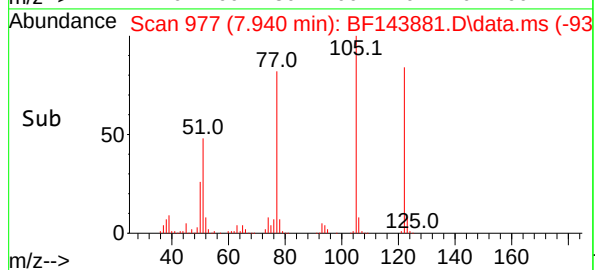
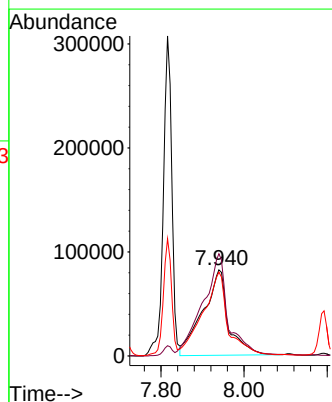
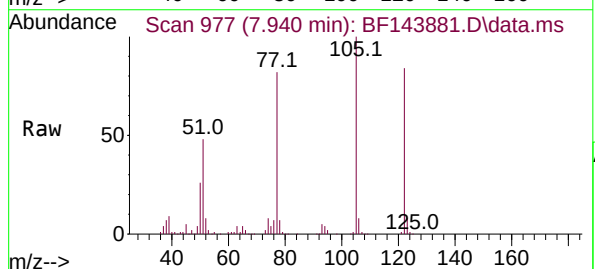
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

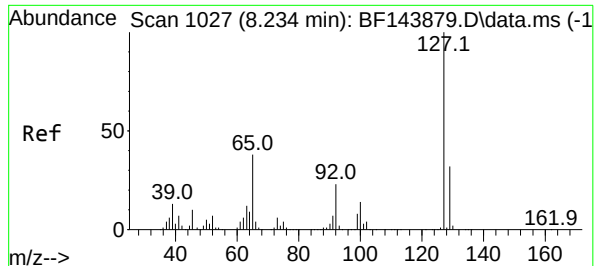
Tgt Ion:128 Resp: 1284573
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.7 10.0 15.0



#32
Benzoic acid
Concen: 68.237 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.023 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:122 Resp: 348955
Ion Ratio Lower Upper
122 100
105 118.8 93.5 133.5
77 97.3 76.3 116.3



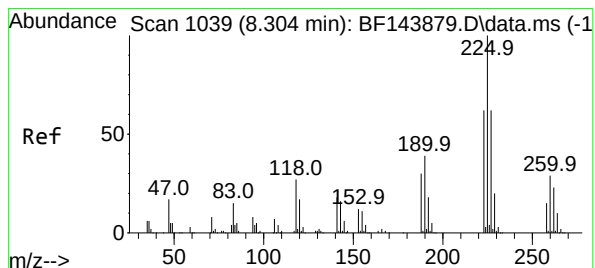
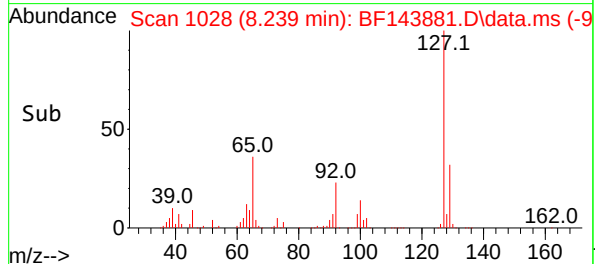
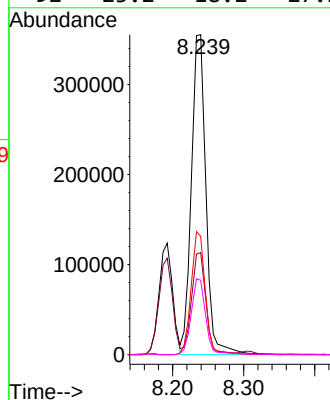
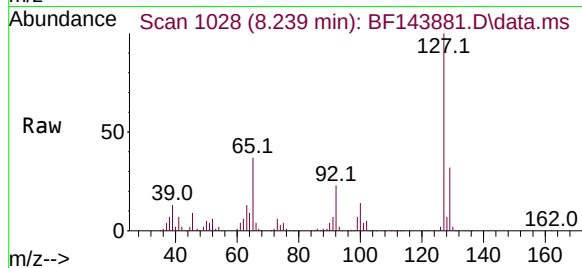


#33
4-Chloroaniline
Concen: 56.451 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 504823

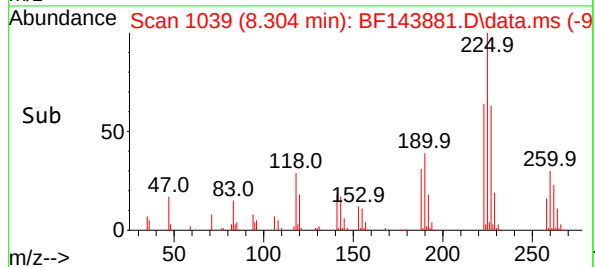
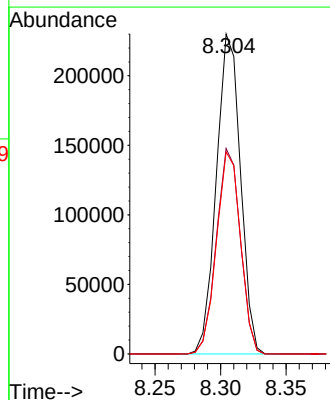
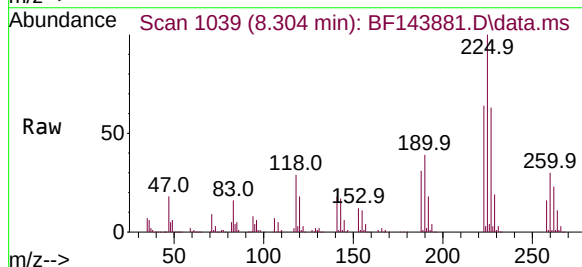
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	36.9	30.0	45.0
92	23.2	18.2	27.2

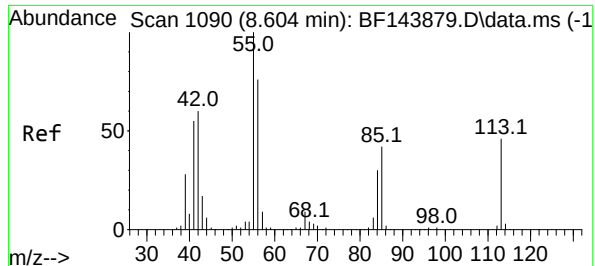


#34
Hexachlorobutadiene
Concen: 55.989 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:225 Resp: 294507

Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.2
227	63.1	49.7	74.5





#35

Caprolactam

Concen: 60.055 ng

RT: 8.622 min Scan# 1093

Delta R.T. -0.023 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

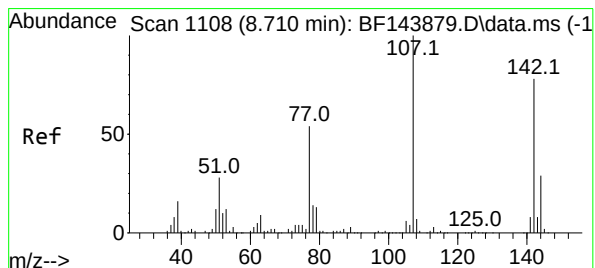
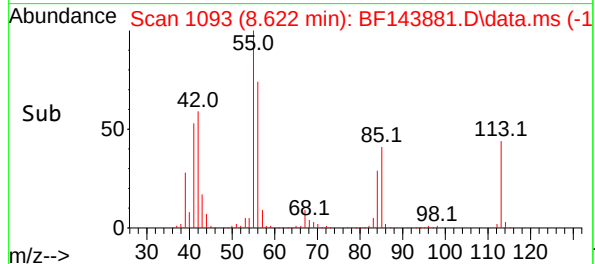
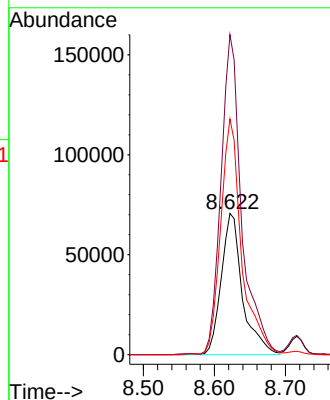
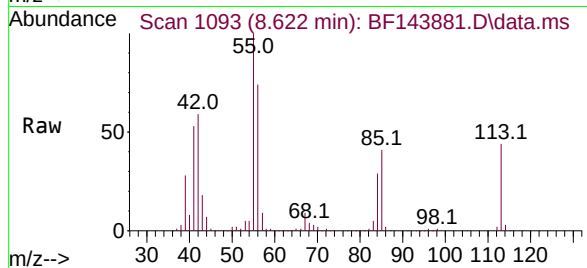
Tgt Ion:113 Resp: 146970

Ion Ratio Lower Upper

113 100

55 226.6 199.6 239.6

56 166.8 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 57.336 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

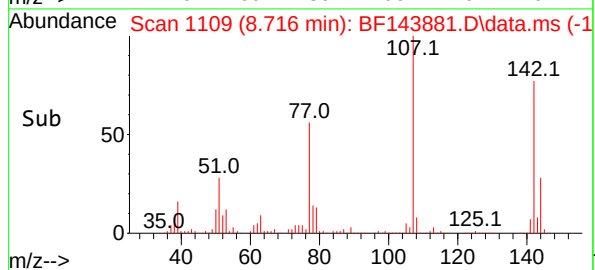
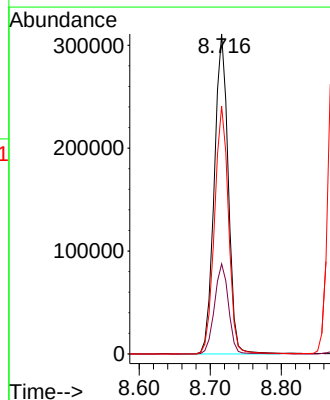
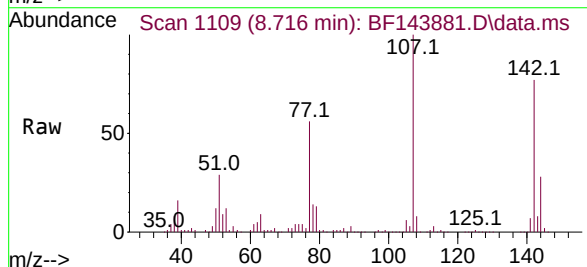
Tgt Ion:107 Resp: 423904

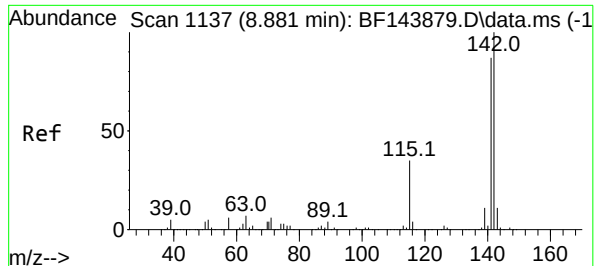
Ion Ratio Lower Upper

107 100

144 28.1 23.1 34.7

142 77.4 62.6 94.0





#37

2-Methylnaphthalene

Concen: 52.814 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

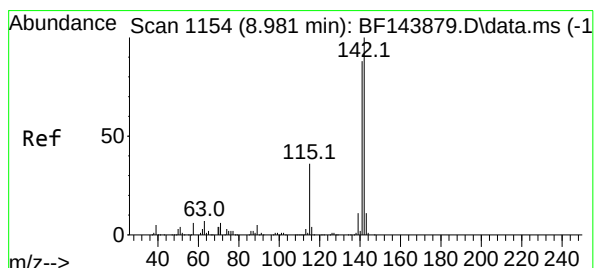
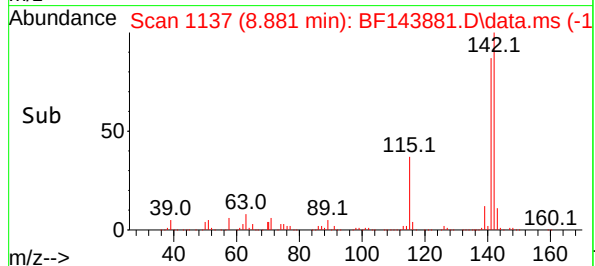
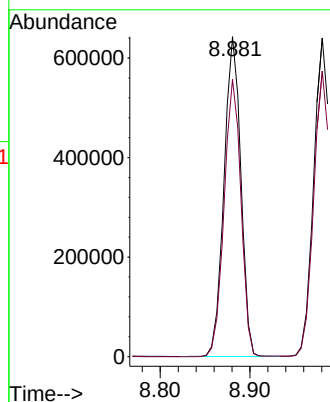
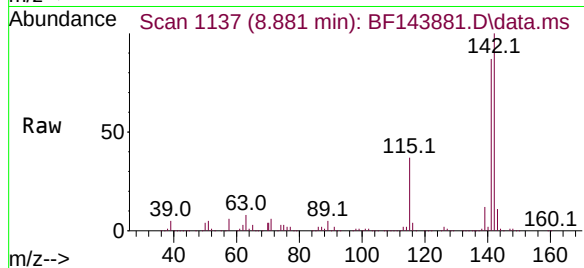
SSTDICC060

Tgt Ion:142 Resp: 838837

Ion Ratio Lower Upper

142 100

141 86.6 69.2 103.8



#38

1-Methylnaphthalene

Concen: 53.405 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143881.D

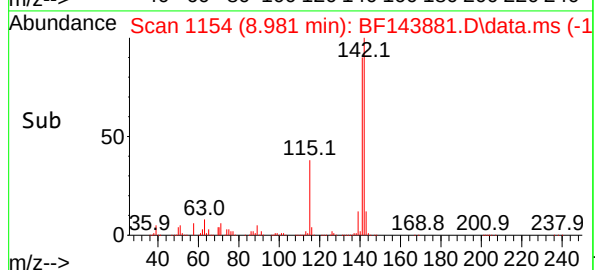
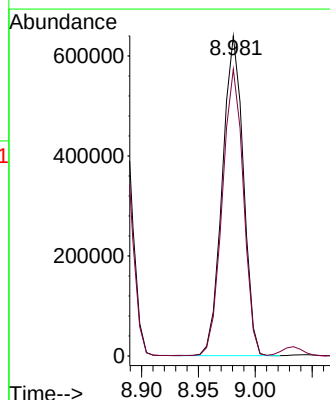
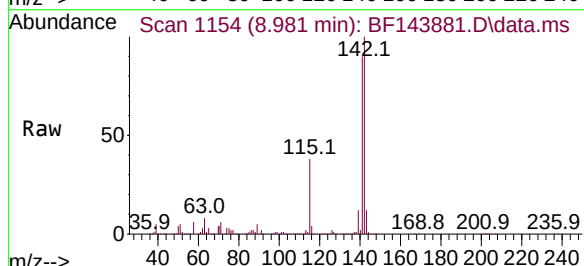
Acq: 06 Oct 2025 13:53

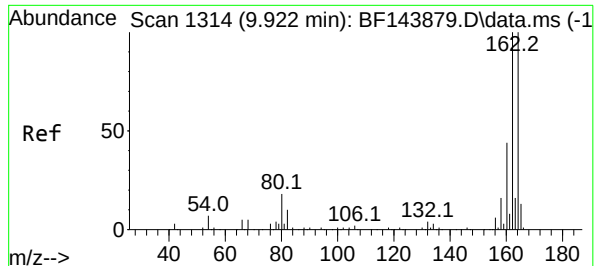
Tgt Ion:142 Resp: 822755

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

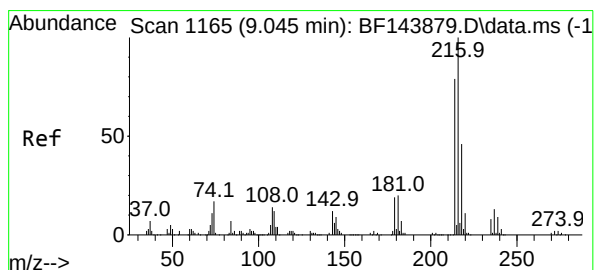
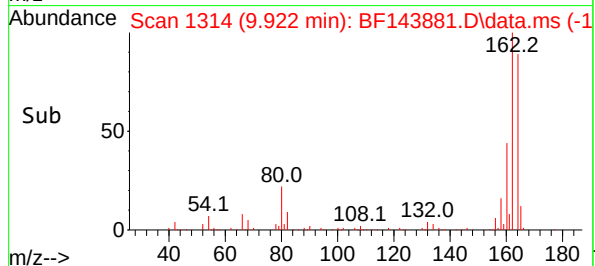
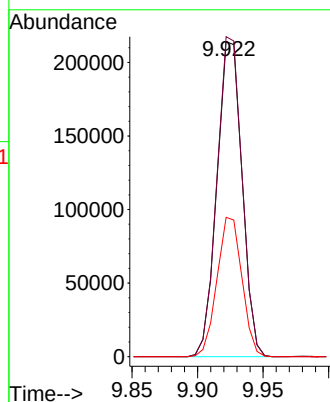
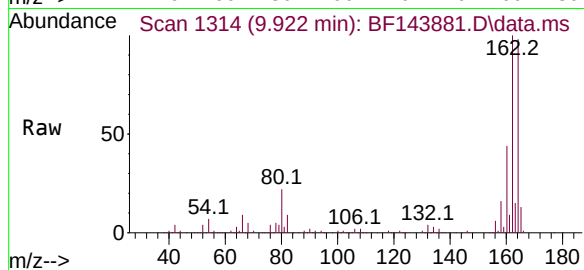
Tgt Ion:164 Resp: 286024

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.382 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion:216 Resp: 445714

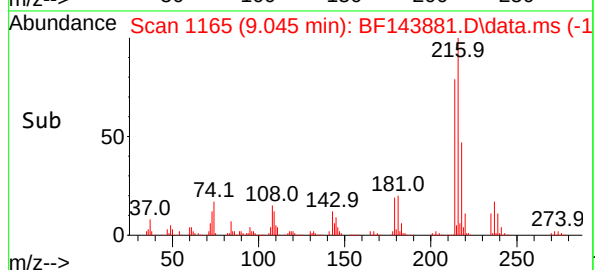
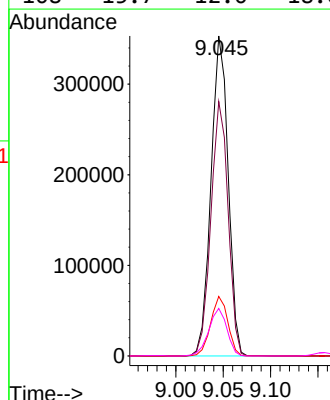
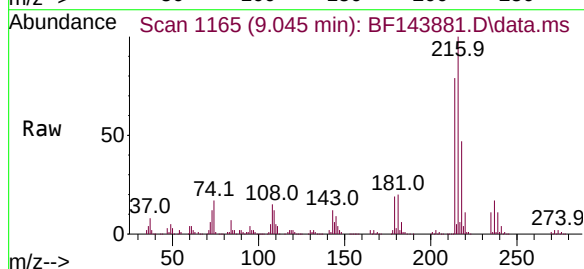
Ion Ratio Lower Upper

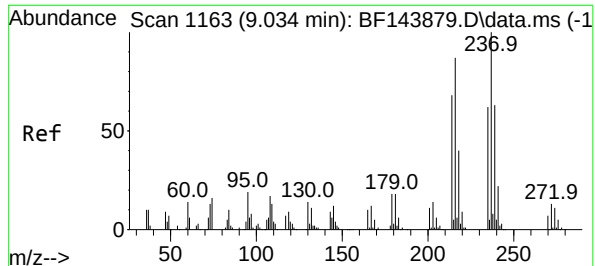
216 100

214 79.6 62.6 94.0

179 18.5 15.4 23.0

108 15.7 12.0 18.0

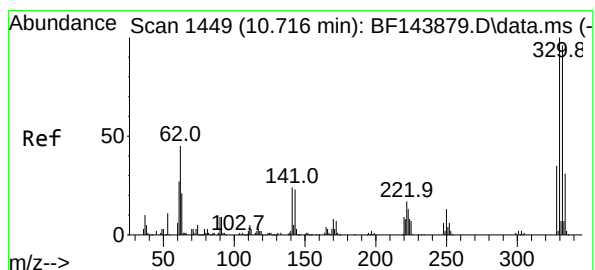
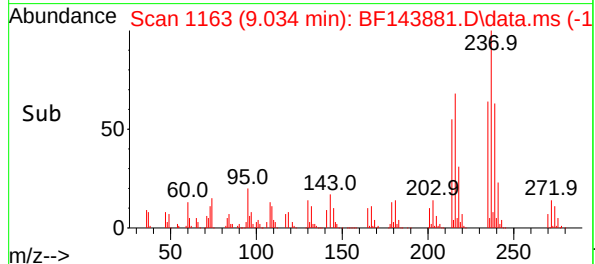
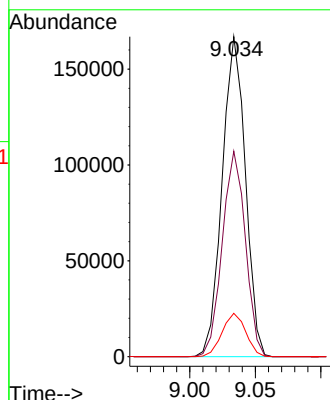
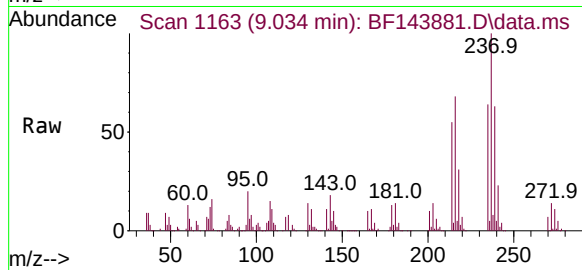




#41
Hexachlorocyclopentadiene
Concen: 62.806 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

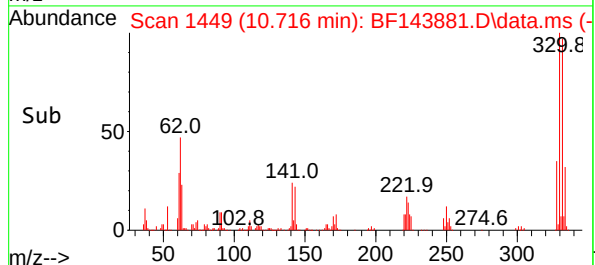
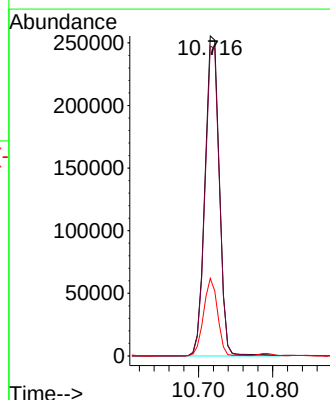
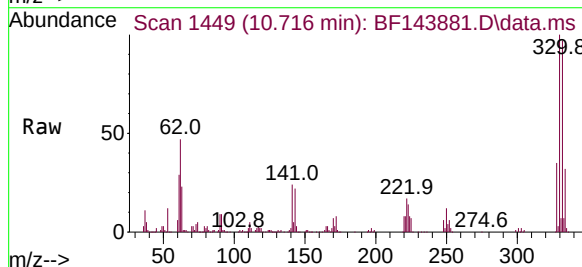
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

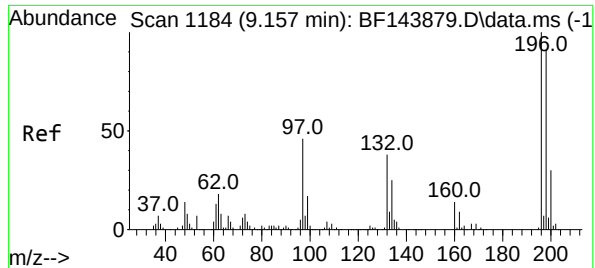
Tgt Ion: 237 Resp: 205978
Ion Ratio Lower Upper
237 100
235 64.2 42.3 82.3
272 13.5 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 120.554 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 330 Resp: 343442
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 23.7 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 58.657 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

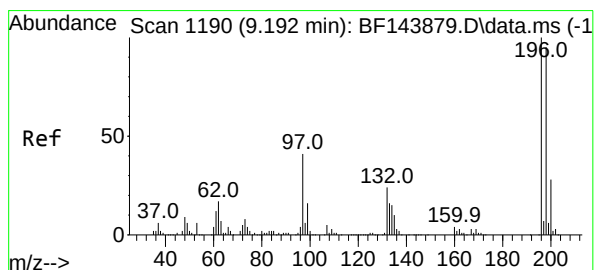
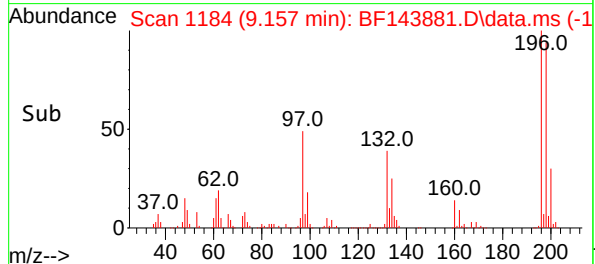
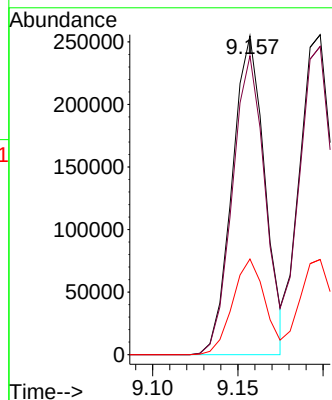
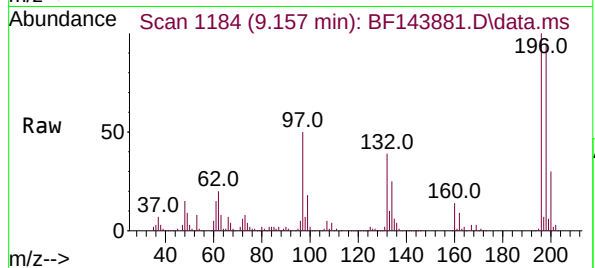
Tgt Ion:196 Resp: 338809

Ion Ratio Lower Upper

196 100

198 93.7 72.8 109.2

200 30.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 56.620 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion:196 Resp: 345605

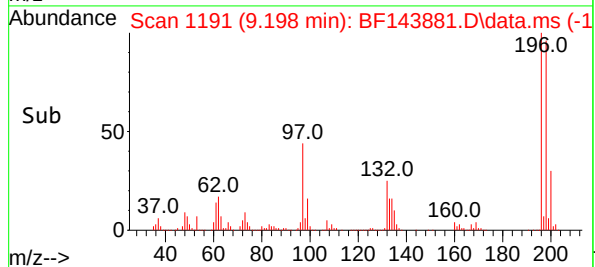
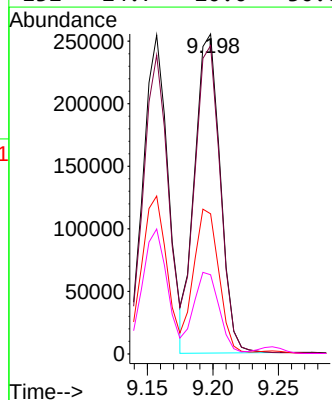
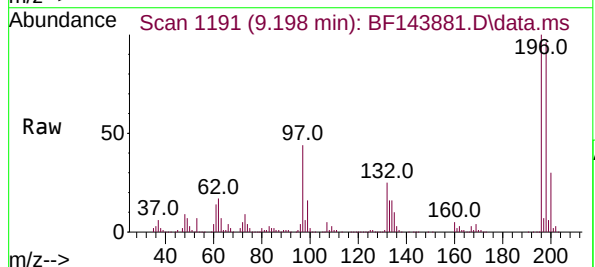
Ion Ratio Lower Upper

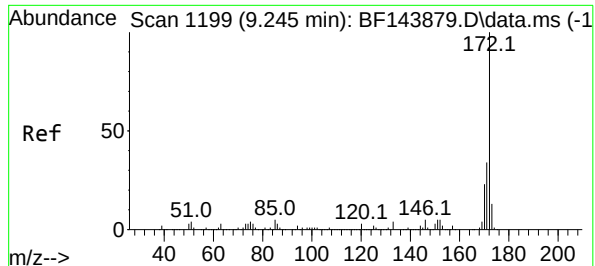
196 100

198 96.3 75.5 113.3

97 43.8 33.9 50.9

132 24.7 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 97.871 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

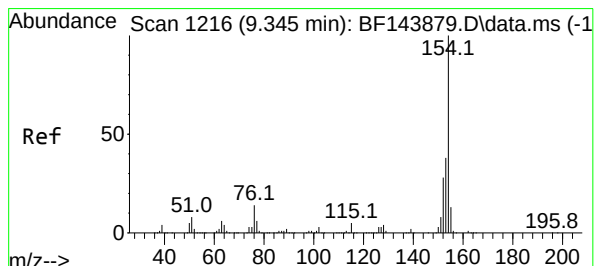
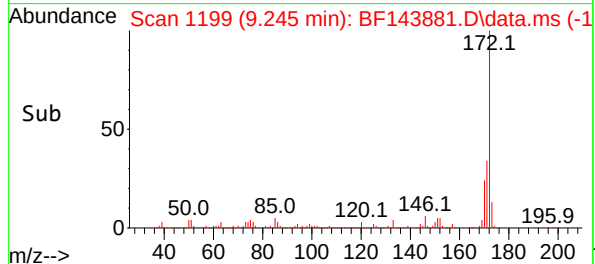
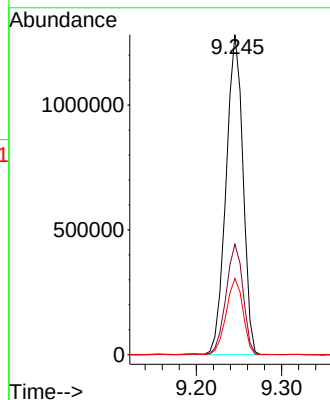
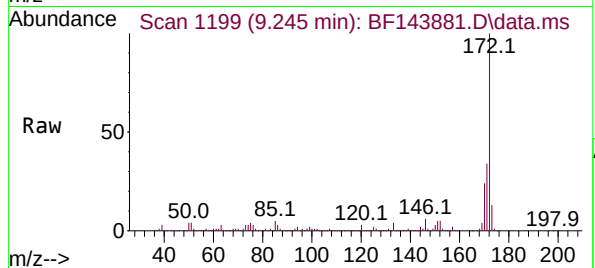
Tgt Ion:172 Resp: 1764203

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 53.040 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

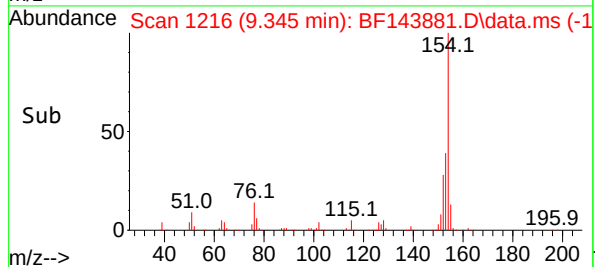
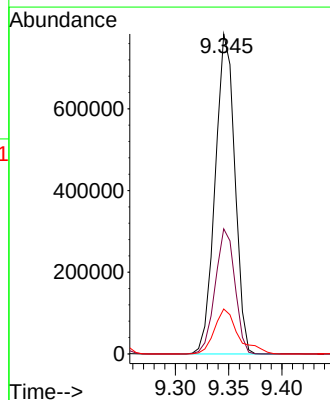
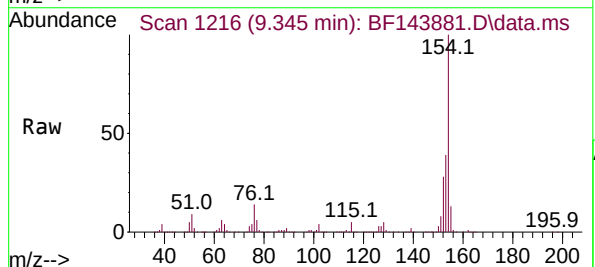
Tgt Ion:154 Resp: 1004440

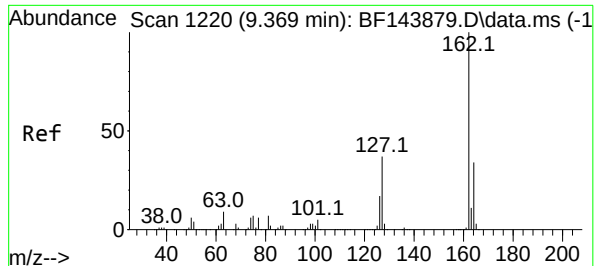
Ion Ratio Lower Upper

154 100

153 39.1 18.4 58.4

76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 54.531 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

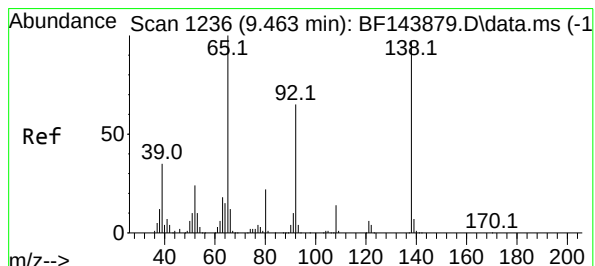
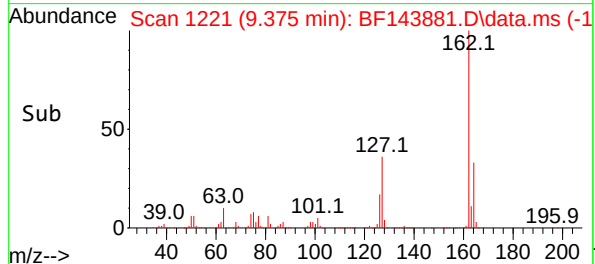
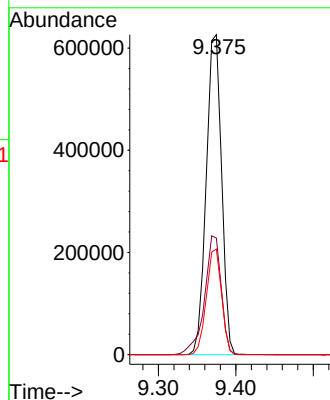
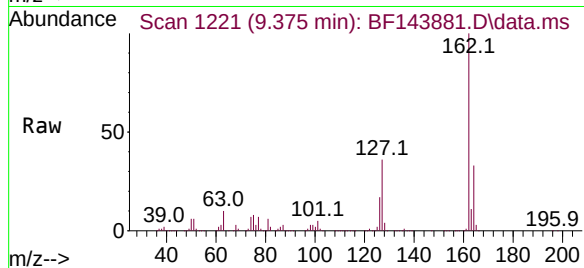
Tgt Ion:162 Resp: 860999

Ion Ratio Lower Upper

162 100

127 36.4 30.2 45.2

164 33.0 26.9 40.3



#48

2-Nitroaniline

Concen: 62.679 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

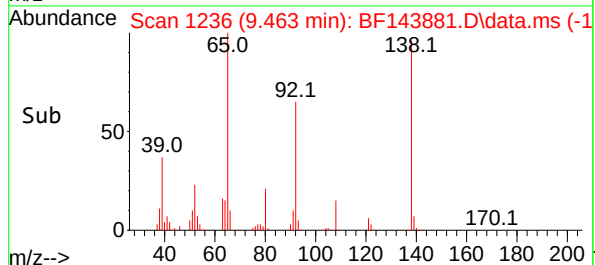
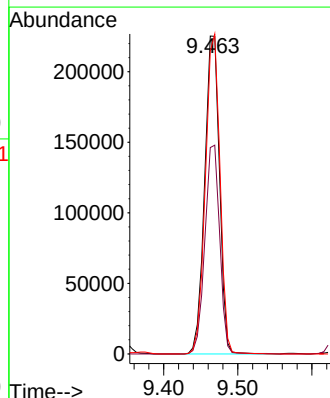
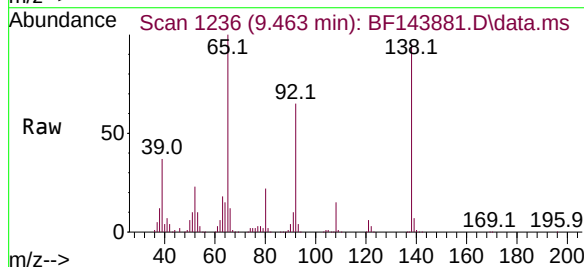
Tgt Ion: 65 Resp: 312884

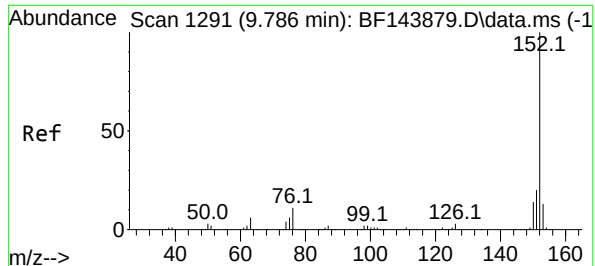
Ion Ratio Lower Upper

65 100

92 64.9 52.1 78.1

138 95.3 77.4 116.2





#49

Acenaphthylene

Concen: 55.140 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

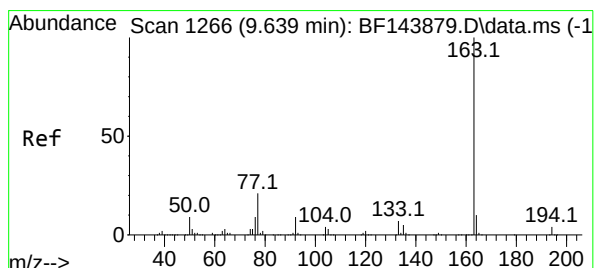
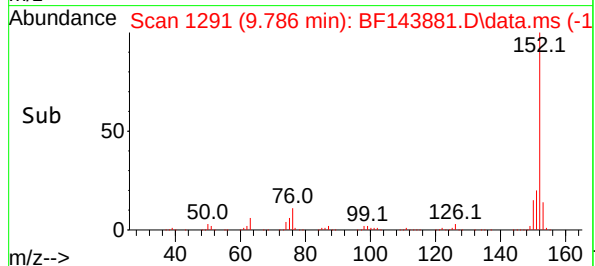
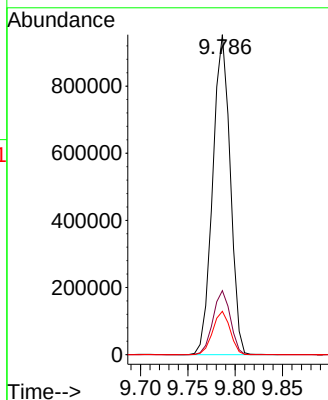
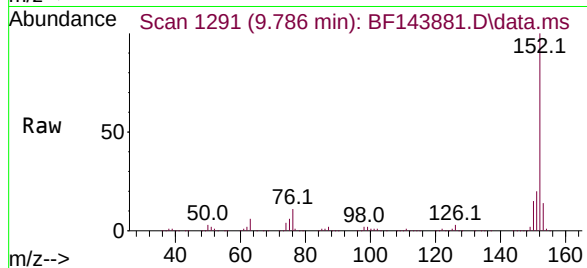
Tgt Ion:152 Resp: 1223951

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 56.783 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

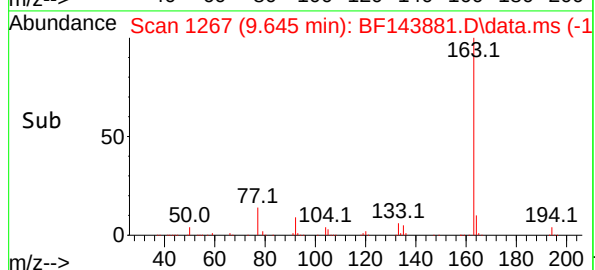
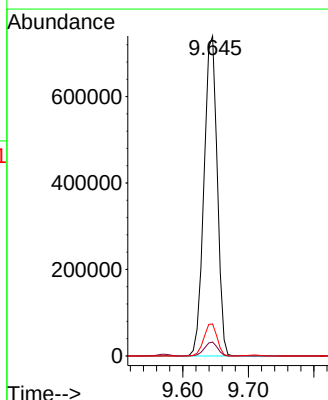
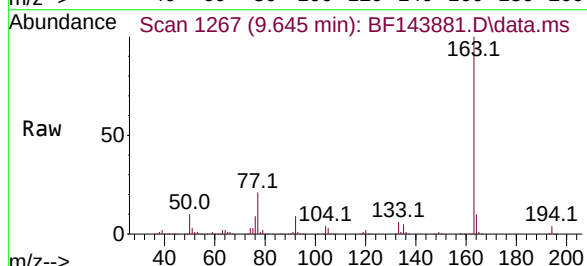
Tgt Ion:163 Resp: 1031391

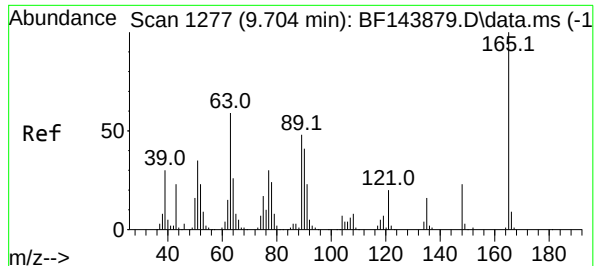
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.0 8.1 12.1

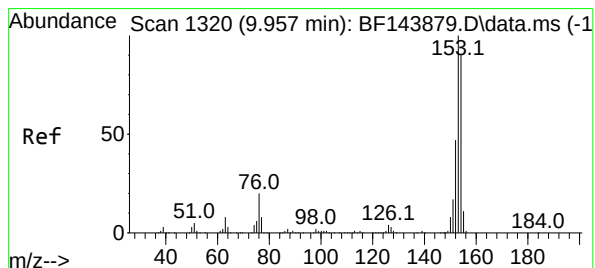
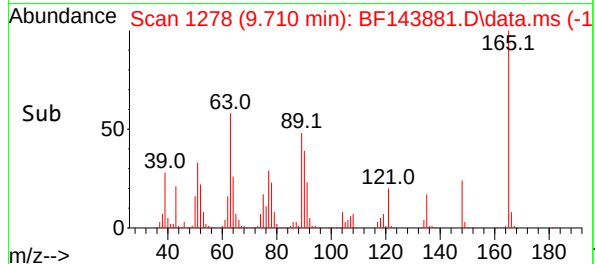
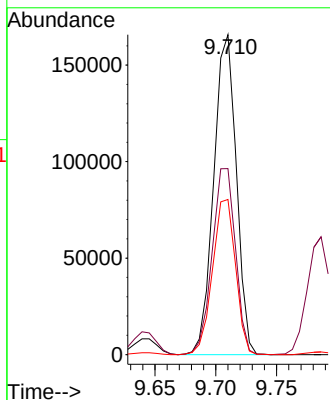
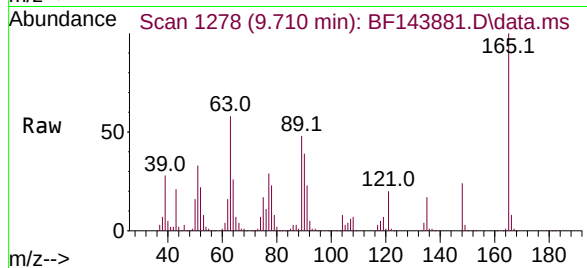




#51
2,6-Dinitrotoluene
Concen: 63.587 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

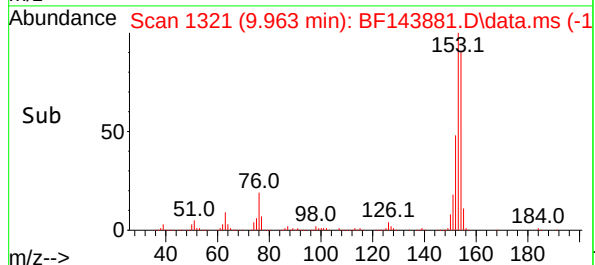
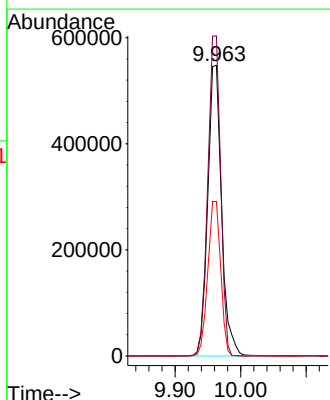
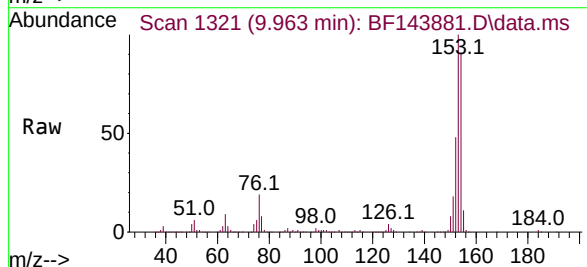
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

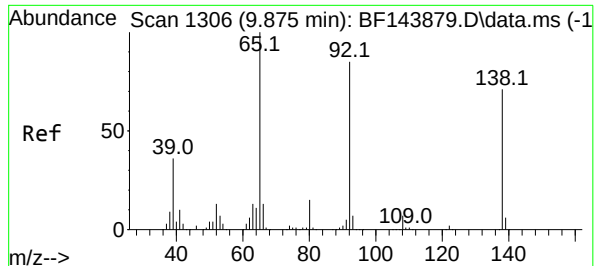
Tgt Ion:165 Resp: 214169
Ion Ratio Lower Upper
165 100
63 58.1 47.3 70.9
89 48.5 38.2 57.4



#52
Acenaphthene
Concen: 55.124 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:154 Resp: 801773
Ion Ratio Lower Upper
154 100
153 110.2 89.3 133.9
152 53.1 42.2 63.2

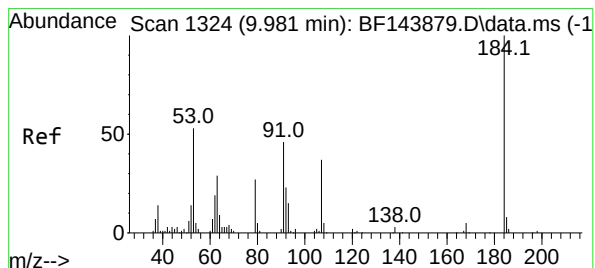
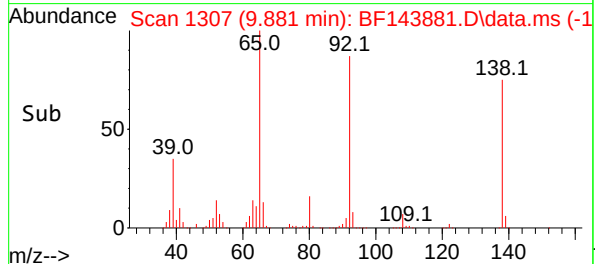
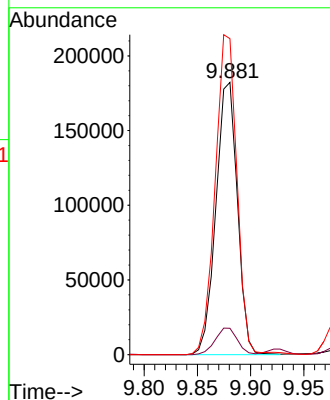
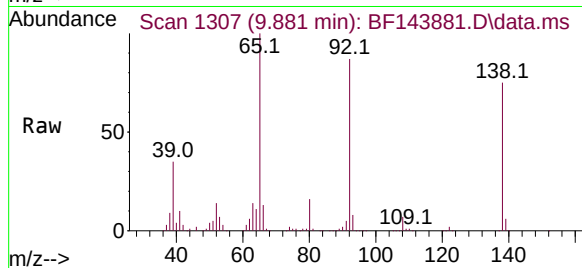




#53
3-Nitroaniline
Concen: 62.070 ng
RT: 9.881 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

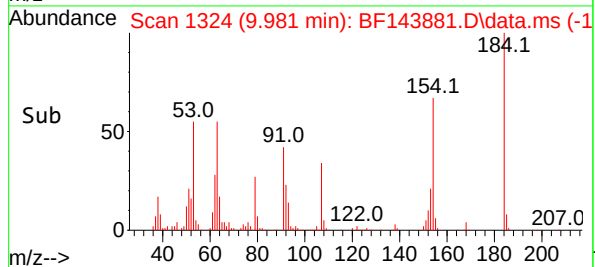
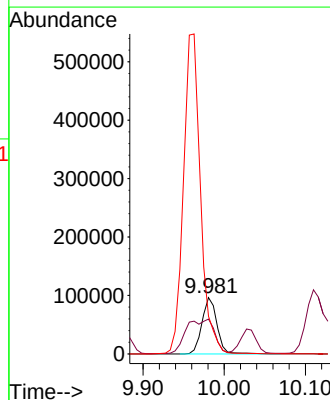
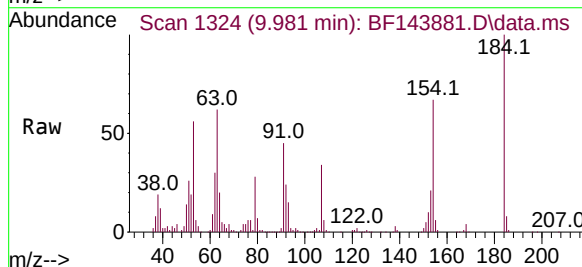
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

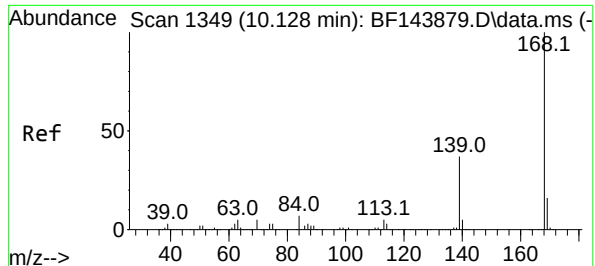
Tgt Ion:138 Resp: 255984
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 116.1 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 61.138 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:184 Resp: 123295
Ion Ratio Lower Upper
184 100
63 61.8 48.2 72.4
154 66.8 49.2 73.8





#55

Dibenzofuran

Concen: 54.120 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

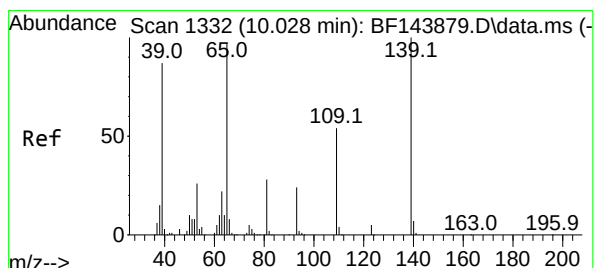
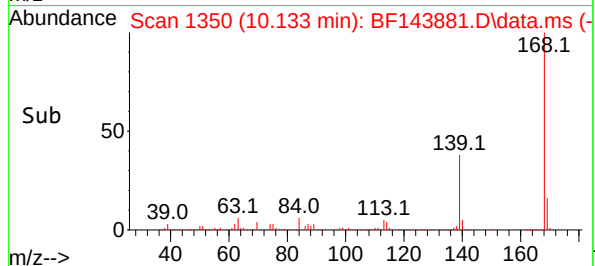
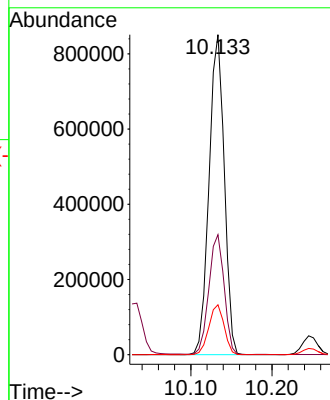
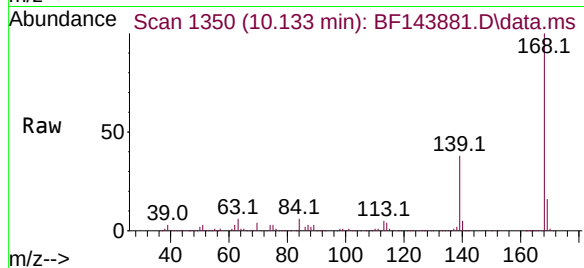
Tgt Ion:168 Resp: 1111183

Ion Ratio Lower Upper

168 100

139 37.5 29.8 44.8

169 15.6 12.8 19.2



#56

4-Nitrophenol

Concen: 62.550 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

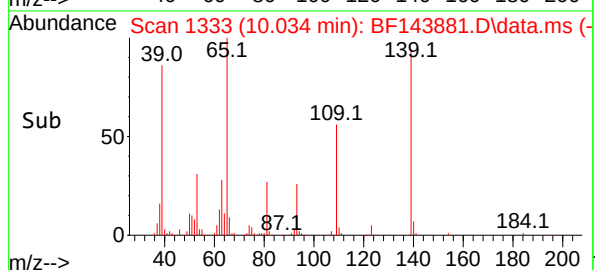
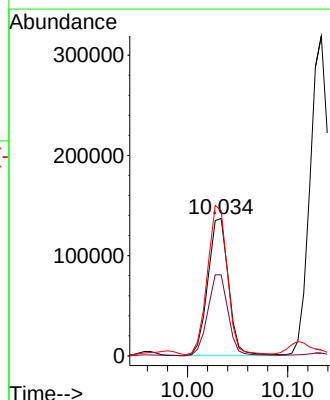
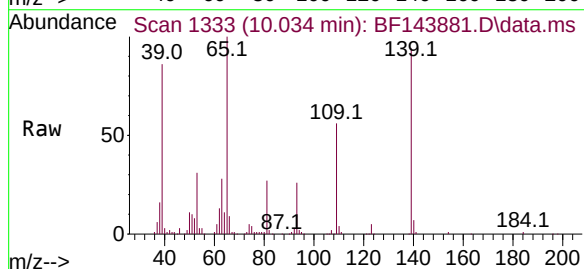
Tgt Ion:139 Resp: 195321

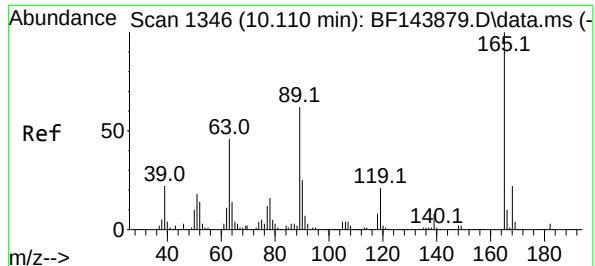
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

65 105.8 77.6 117.6

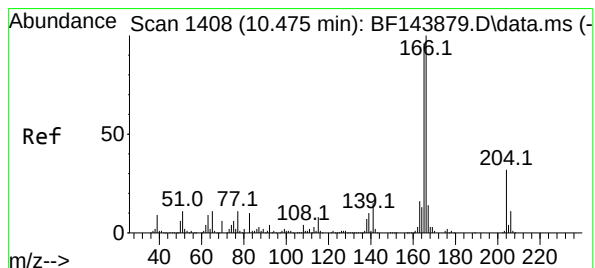
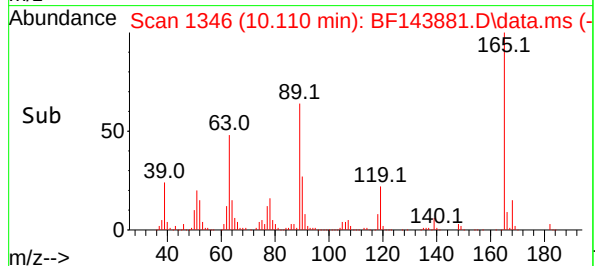
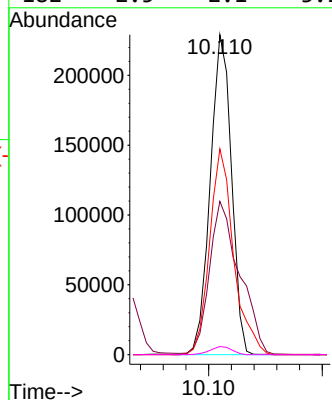
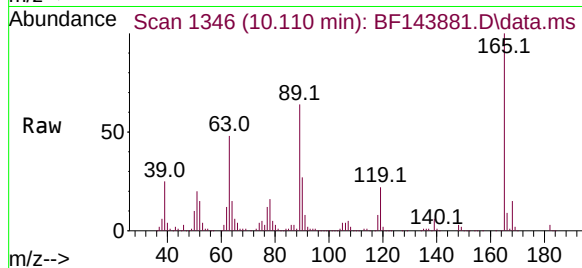




#57
2,4-Dinitrotoluene
Concen: 64.812 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

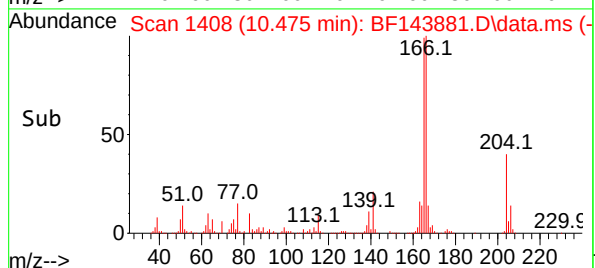
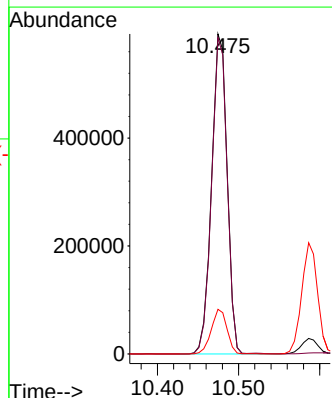
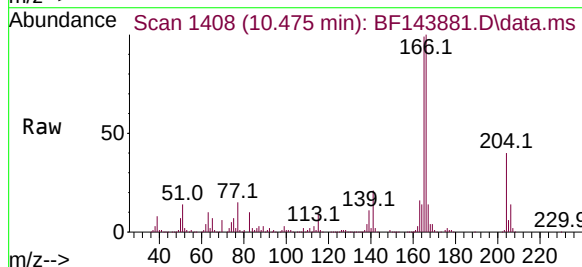
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

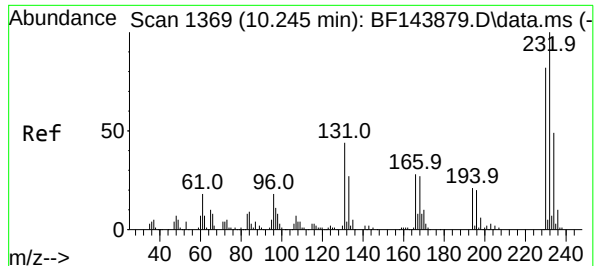
Tgt Ion:165 Resp: 297018
Ion Ratio Lower Upper
165 100
63 47.9 37.2 55.8
89 64.3 49.4 74.2
182 2.5 2.1 3.1



#58
Fluorene
Concen: 51.090 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:166 Resp: 791518
Ion Ratio Lower Upper
166 100
165 98.8 77.0 115.6
167 13.9 11.1 16.7

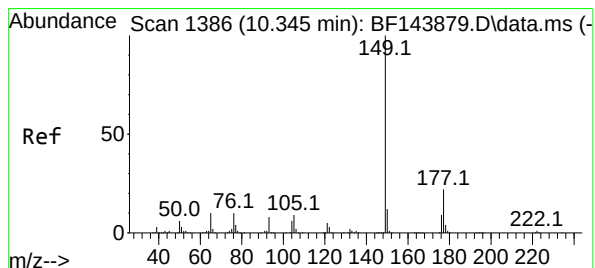
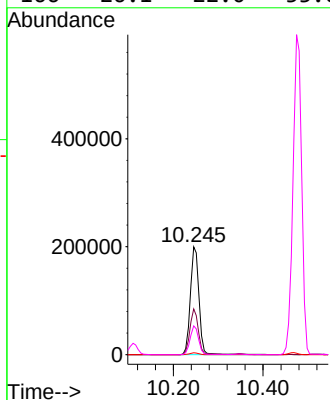
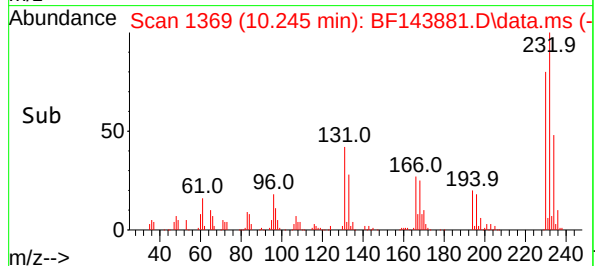
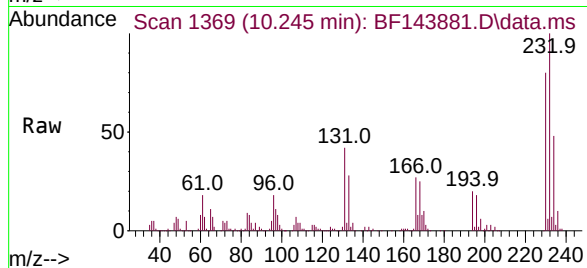




#59
2,3,4,6-Tetrachlorophenol
Concen: 61.283 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

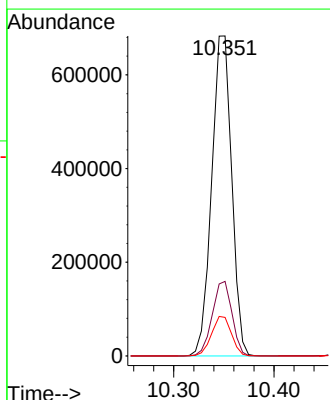
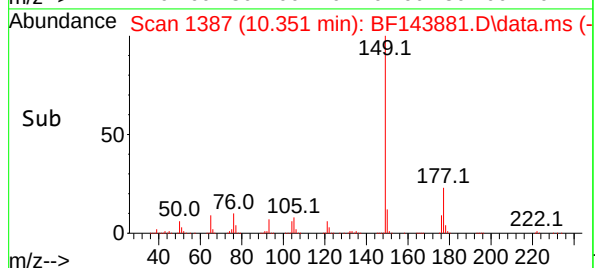
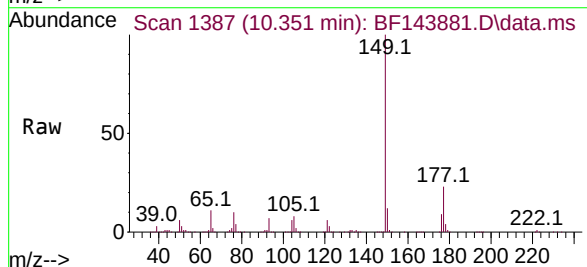
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

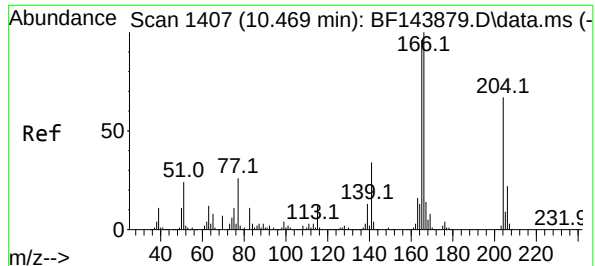
Tgt Ion:232 Resp: 264796
Ion Ratio Lower Upper
232 100
131 41.1 34.9 52.3
130 1.6 1.6 2.4#
166 26.1 22.0 33.0



#60
Diethylphthalate
Concen: 56.214 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 948580
Ion Ratio Lower Upper
149 100
177 23.3 17.9 26.9
150 12.0 9.8 14.8

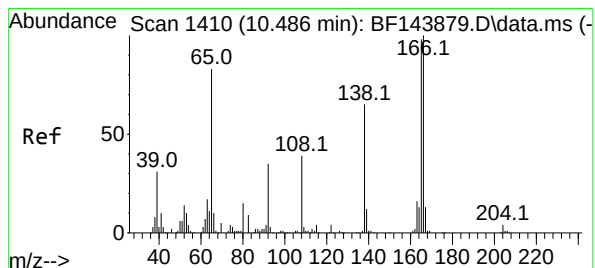
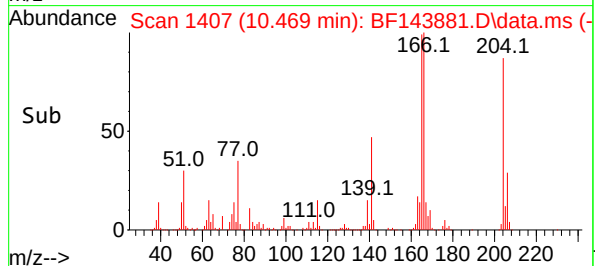
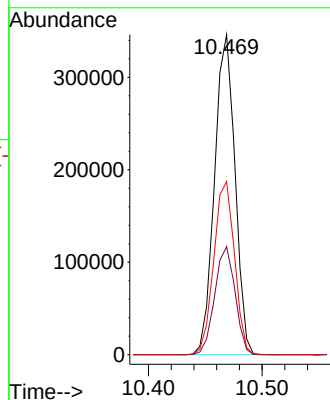
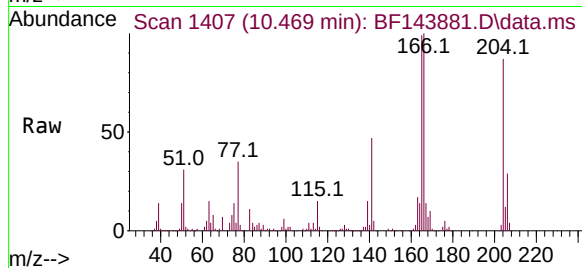




#61
4-Chlorophenyl-phenylether
Concen: 52.905 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

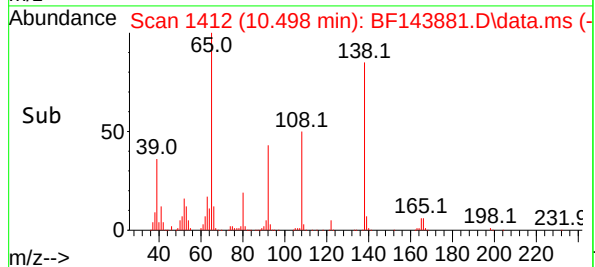
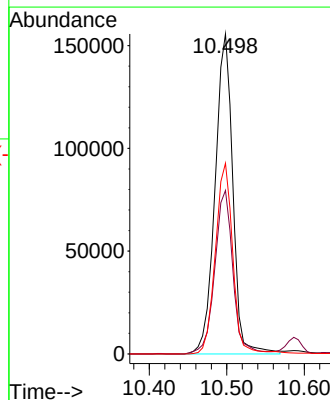
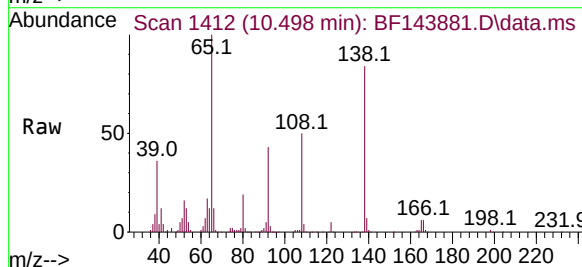
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

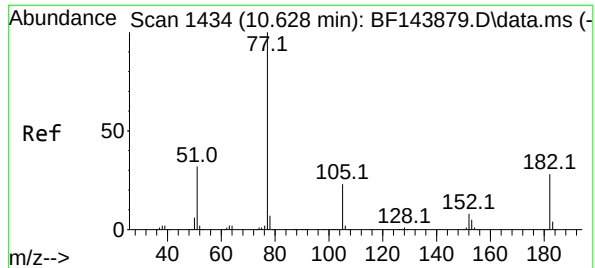
Tgt Ion:204 Resp: 433339
Ion Ratio Lower Upper
204 100
206 33.7 26.6 40.0
141 54.1 40.4 60.6



#62
4-Nitroaniline
Concen: 62.288 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:138 Resp: 247024
Ion Ratio Lower Upper
138 100
92 51.1 33.9 73.9
108 59.6 40.2 80.2

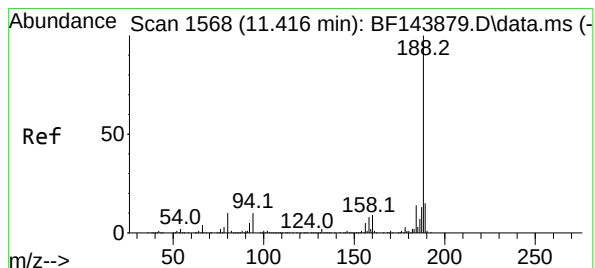
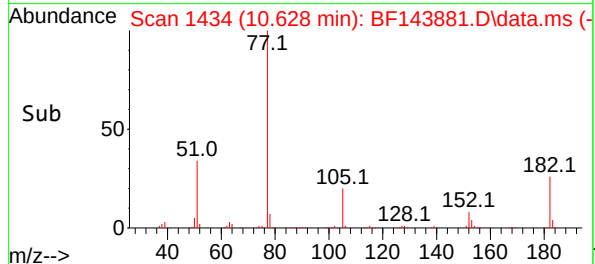
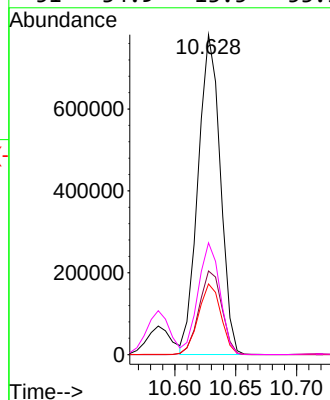
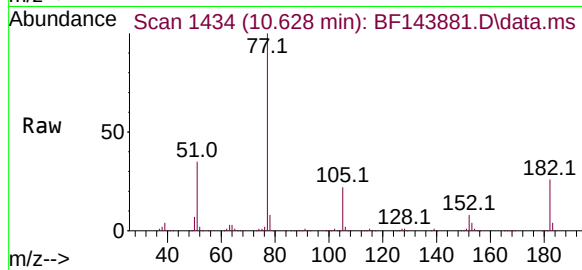




#63
Azobenzene
Concen: 56.252 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

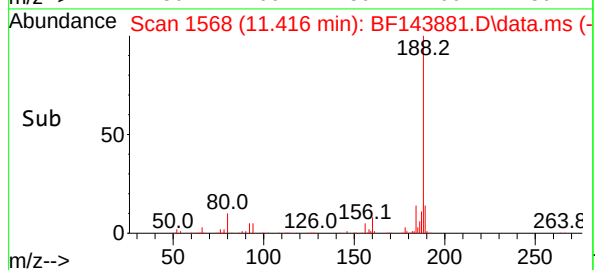
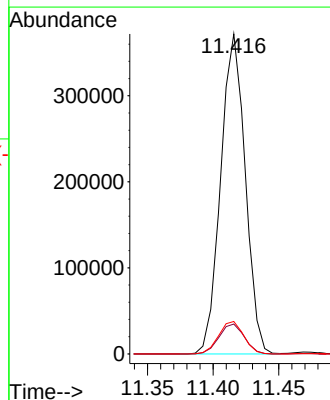
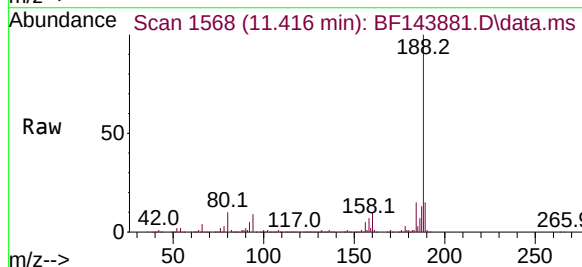
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

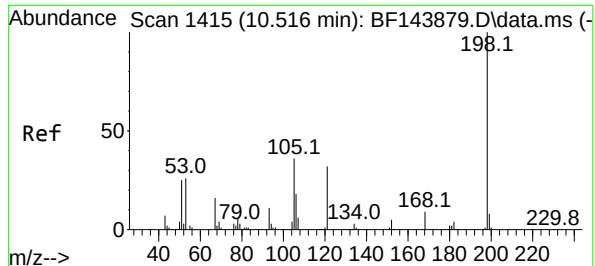
Tgt Ion: 77	Resp: 992054
Ion Ratio	Lower Upper
77	100
182	26.1 7.3 47.3
105	22.1 3.0 43.0
51	34.9 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 188	Resp: 485489
Ion Ratio	Lower Upper
188	100
94	9.3 7.8 11.6
80	10.1 7.9 11.9

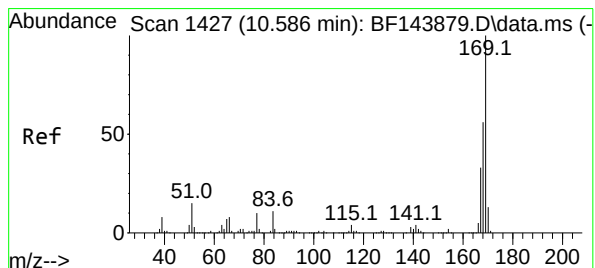
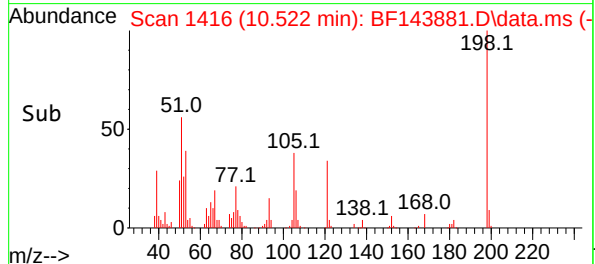
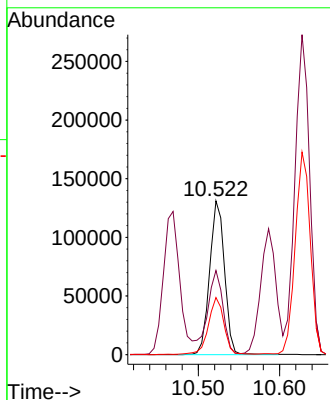
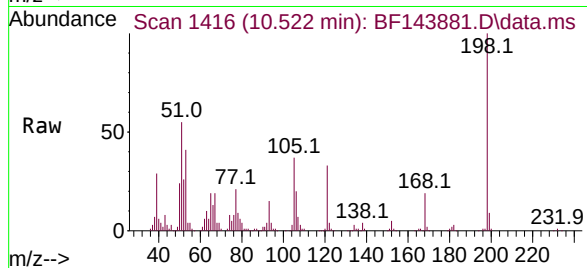




#65
4,6-Dinitro-2-methylphenol
Concen: 68.344 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

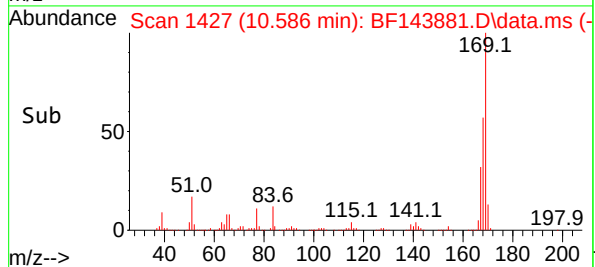
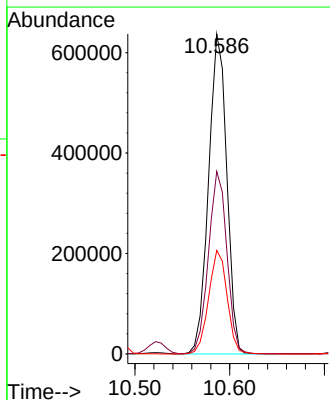
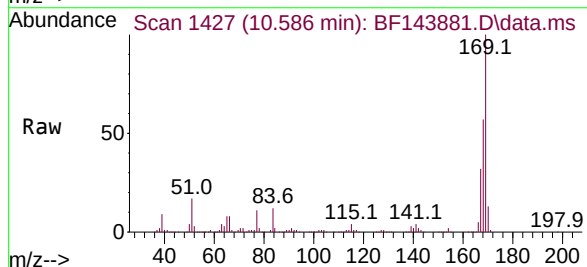
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

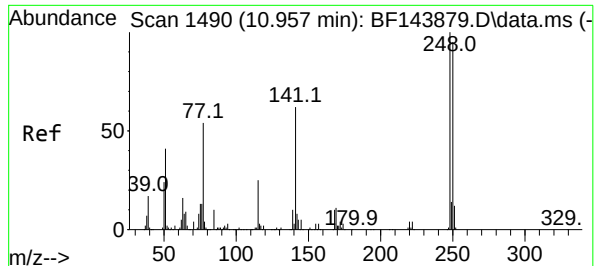
Tgt Ion:198 Resp: 166740
Ion Ratio Lower Upper
198 100
51 54.7 33.8 73.8
105 37.2 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 55.797 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:169 Resp: 850570
Ion Ratio Lower Upper
169 100
168 57.0 44.9 67.3
167 32.3 26.3 39.5

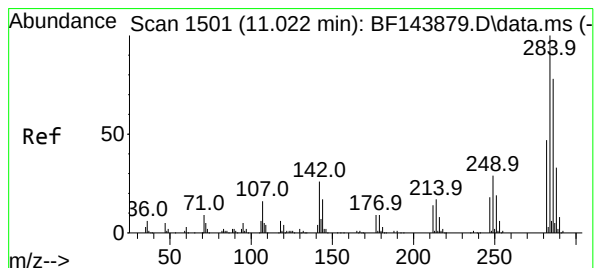
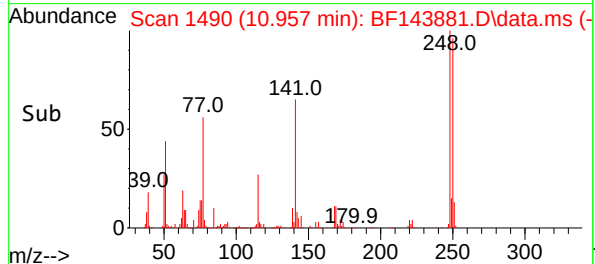
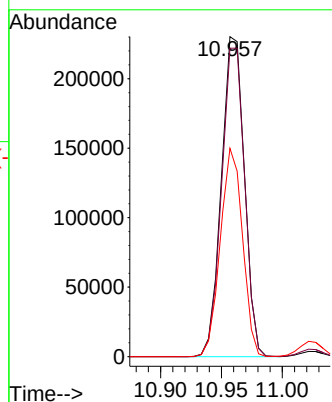
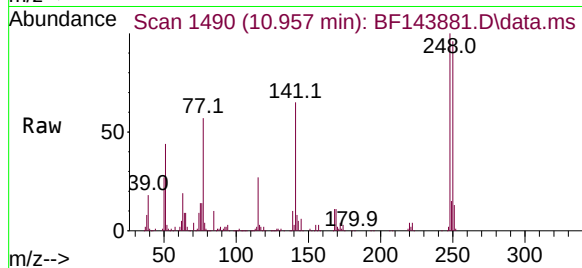




#67
4-Bromophenyl-phenylether
Concen: 56.317 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

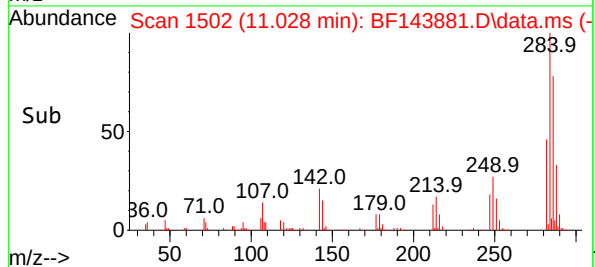
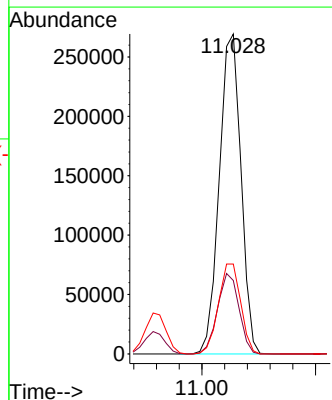
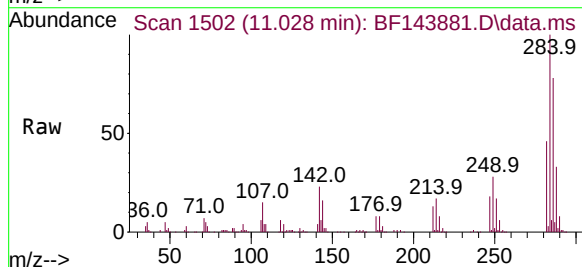
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

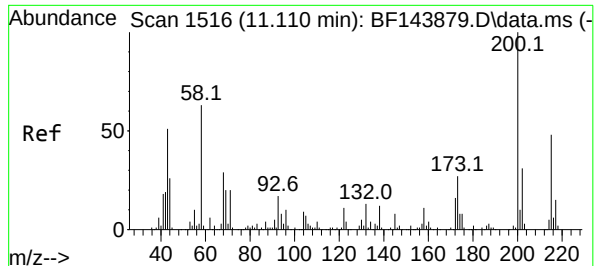
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.3	114.5
141	65.1	49.7	74.5



#68
Hexachlorobenzene
Concen: 57.378 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.9	20.6	30.8
249	28.1	23.2	34.8





#69

Atrazine

Concen: 55.713 ng

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

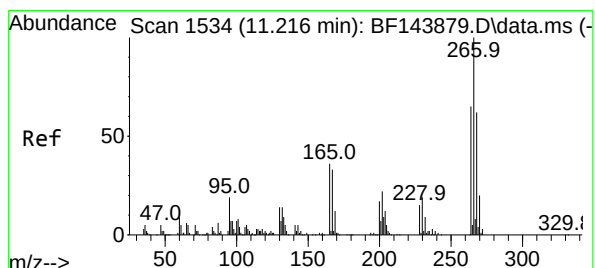
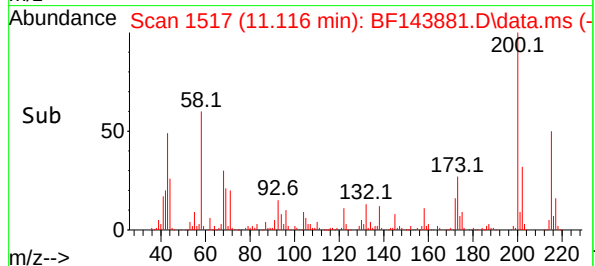
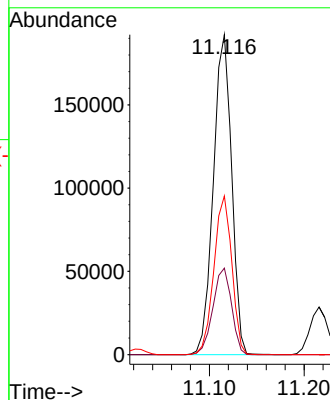
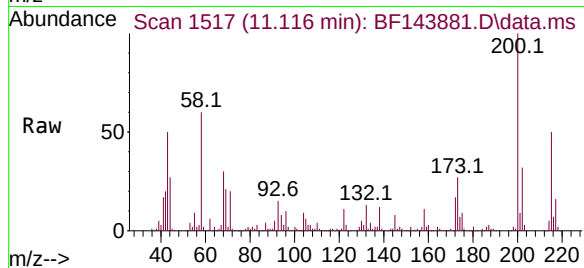
Tgt Ion:200 Resp: 257412

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 49.6 27.8 67.8



#70

Pentachlorophenol

Concen: 62.792 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

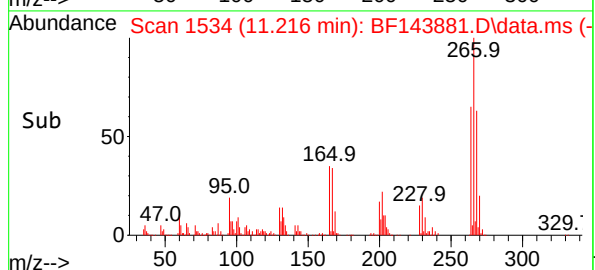
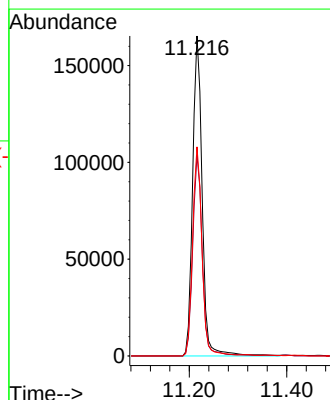
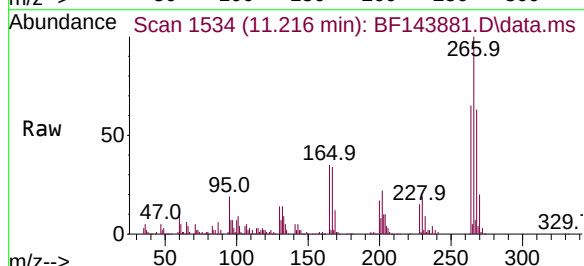
Tgt Ion:266 Resp: 224011

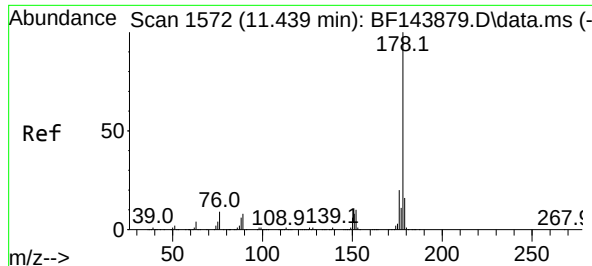
Ion Ratio Lower Upper

266 100

268 62.7 49.4 74.0

264 65.3 51.8 77.6





#71

Phenanthrene

Concen: 53.961 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

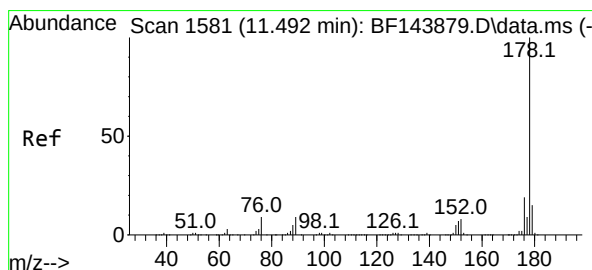
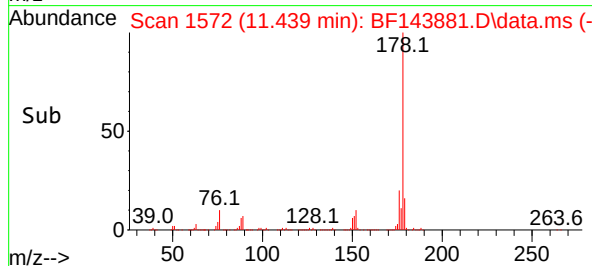
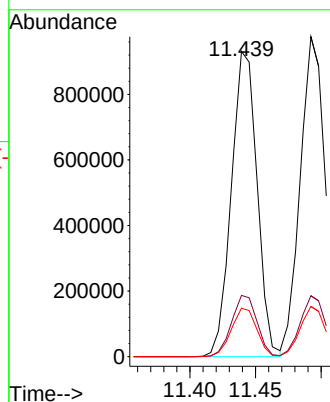
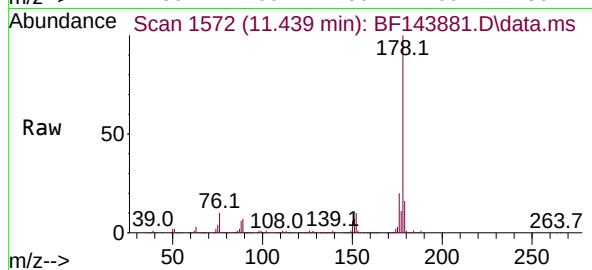
Tgt Ion:178 Resp: 1270063

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 15.9 12.4 18.6



#72

Anthracene

Concen: 53.956 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

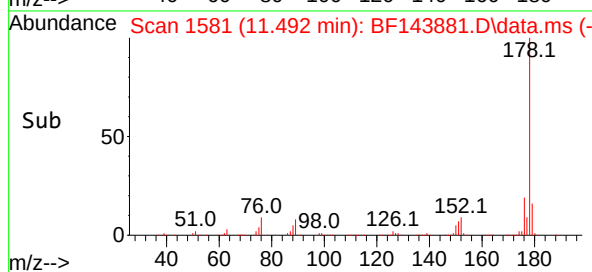
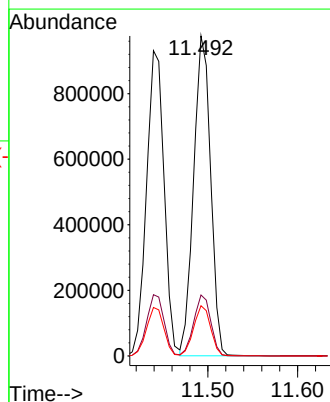
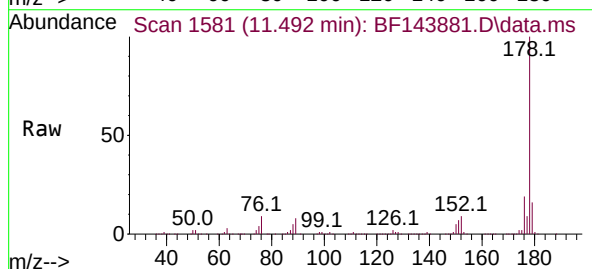
Tgt Ion:178 Resp: 1282940

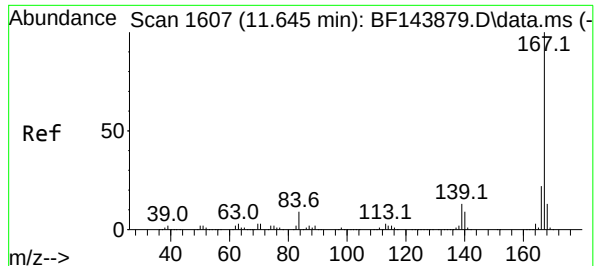
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

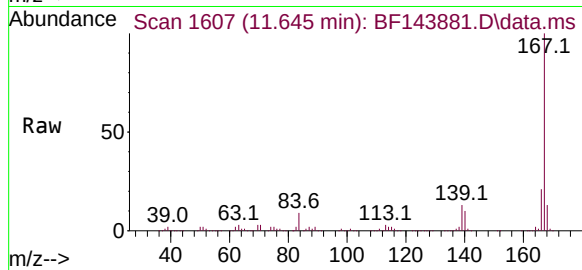
179 15.7 12.2 18.2



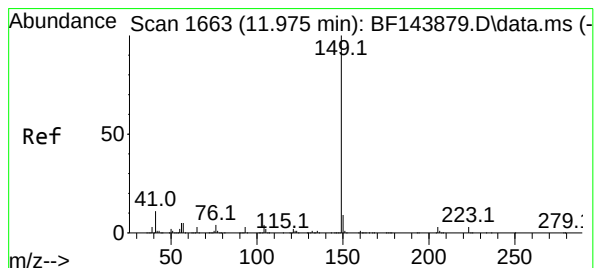
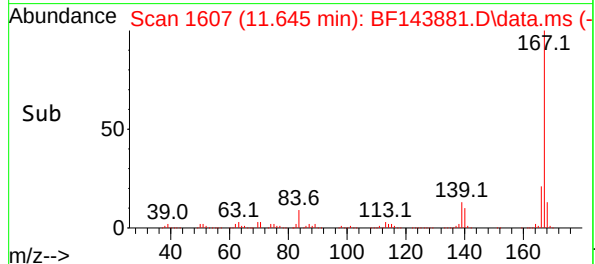
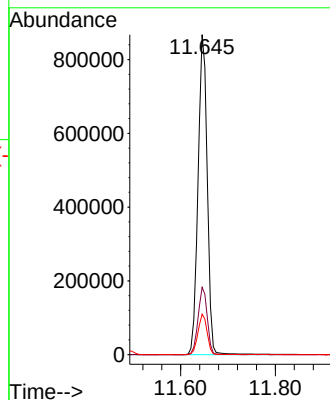


#73
Carbazole
Concen: 55.592 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

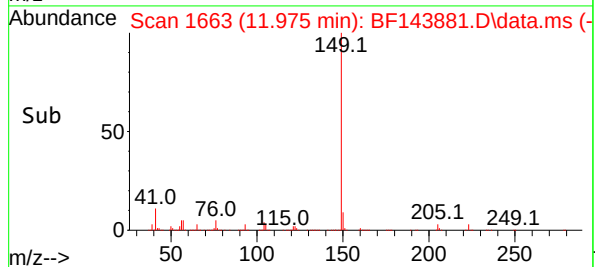
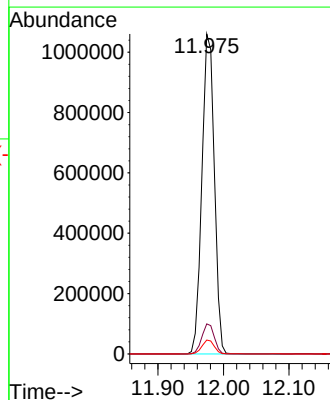
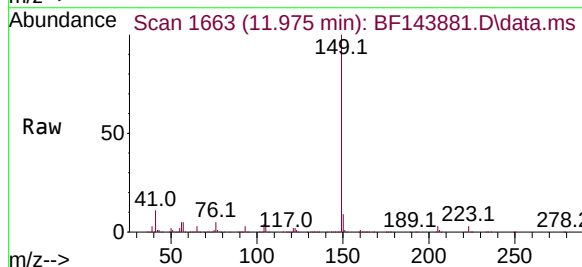


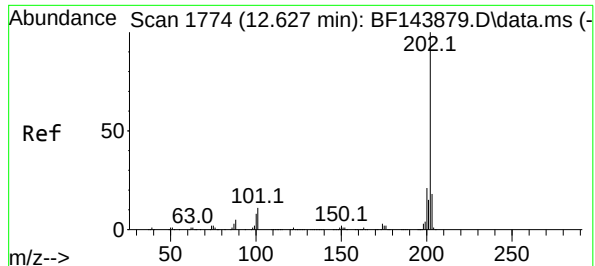
Tgt Ion:167 Resp: 1170717
Ion Ratio Lower Upper
167 100
166 21.0 17.2 25.8
139 12.6 10.1 15.1



#74
Di-n-butylphthalate
Concen: 56.934 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 1389569
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.3 3.4 5.2

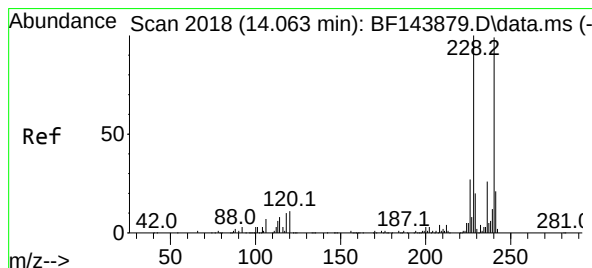
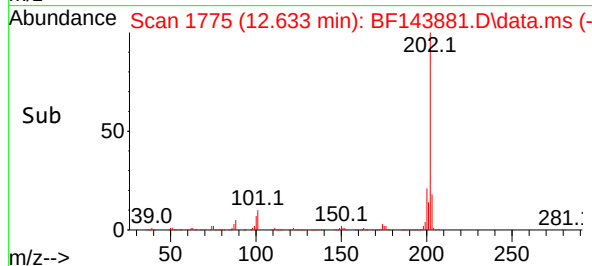
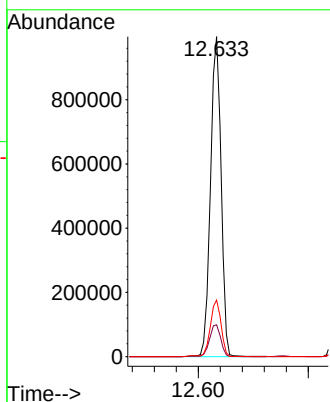
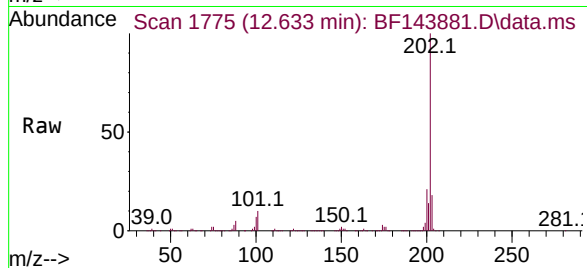




#75
Fluoranthene
Concen: 54.530 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

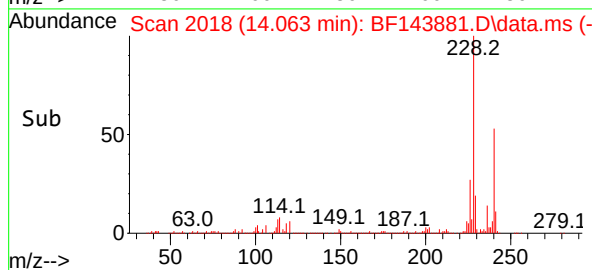
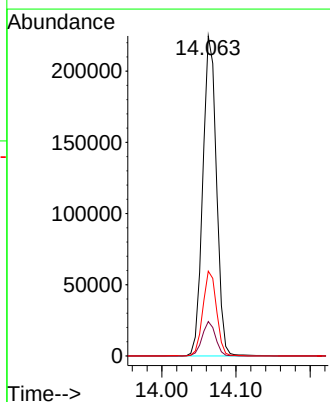
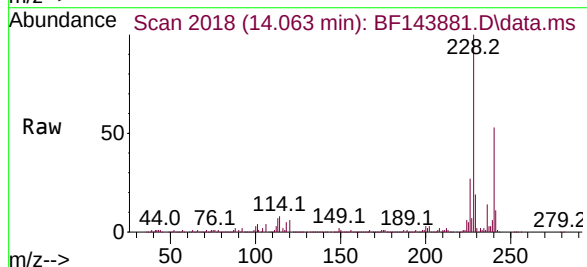
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

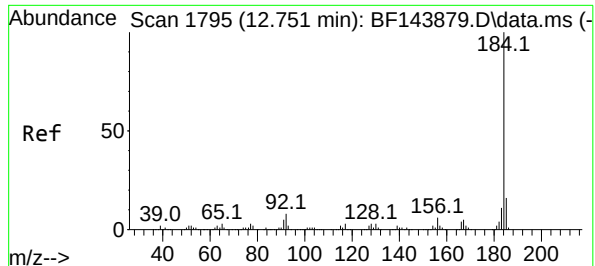
Tgt Ion:202 Resp: 1325716
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:240 Resp: 287097
Ion Ratio Lower Upper
240 100
120 10.7 8.6 13.0
236 26.5 21.1 31.7





#77

Benzidine

Concen: 55.312 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

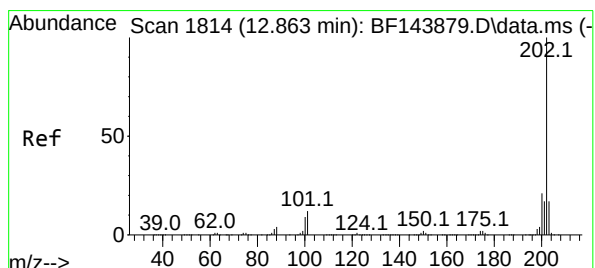
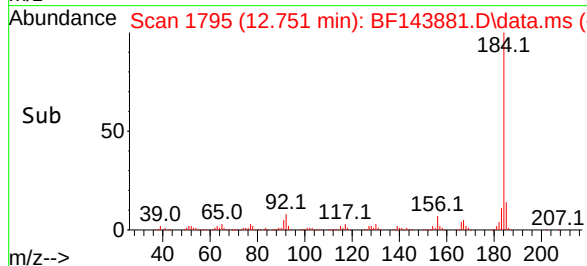
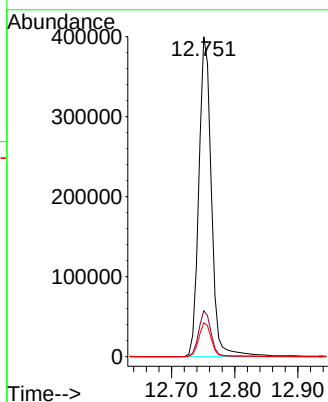
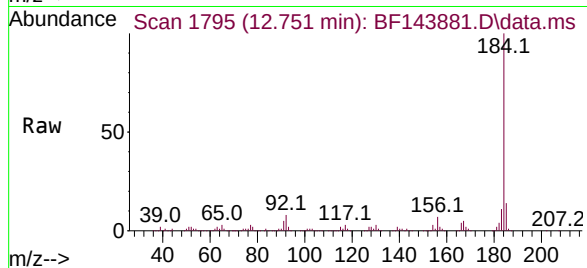
Tgt Ion:184 Resp: 551394

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

183 10.6 8.8 13.2



#78

Pyrene

Concen: 56.800 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

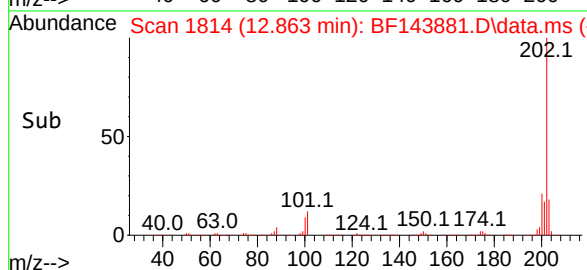
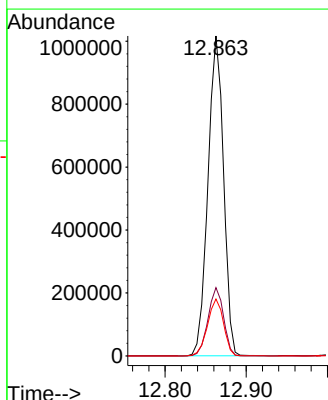
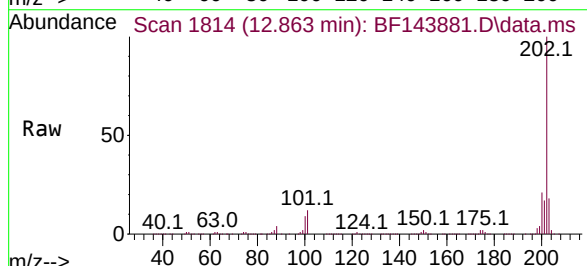
Tgt Ion:202 Resp: 1359513

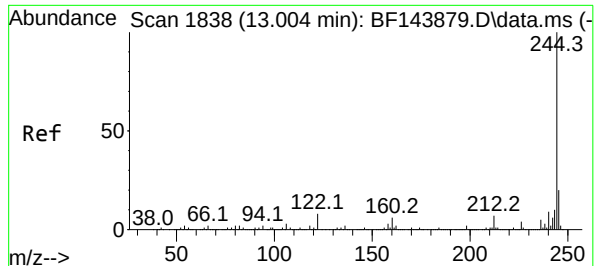
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 110.799 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

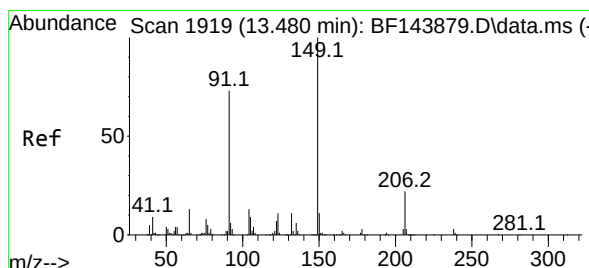
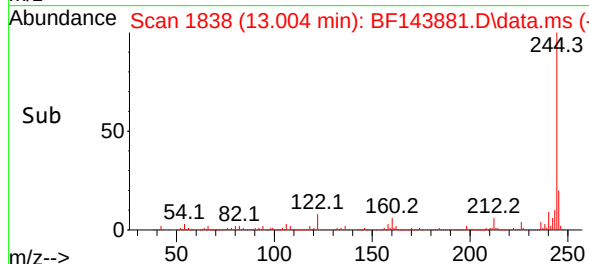
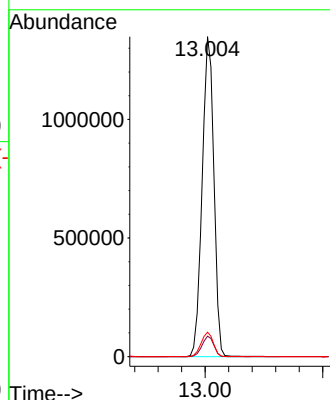
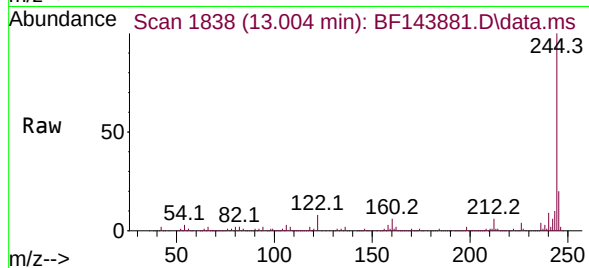
Tgt Ion:244 Resp: 1861234

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 7.6 6.4 9.6



#80

Butylbenzylphthalate

Concen: 61.293 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

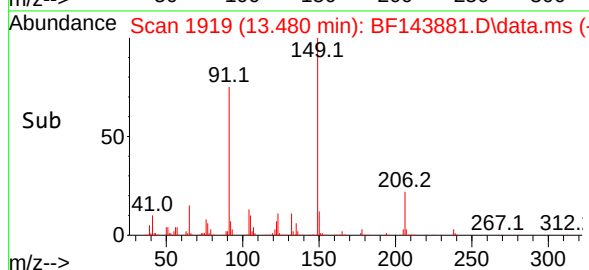
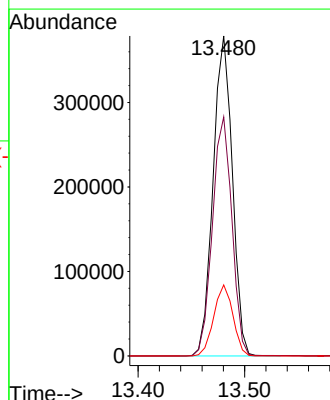
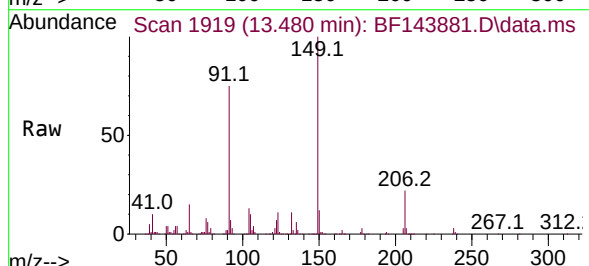
Tgt Ion:149 Resp: 476448

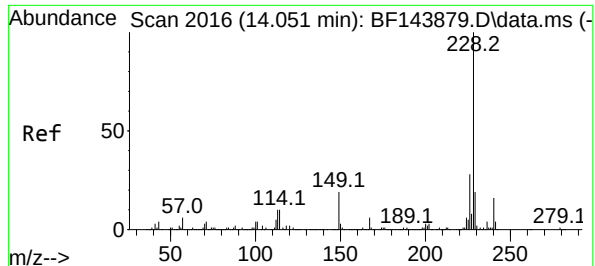
Ion Ratio Lower Upper

149 100

91 74.7 58.2 87.2

206 22.2 17.9 26.9

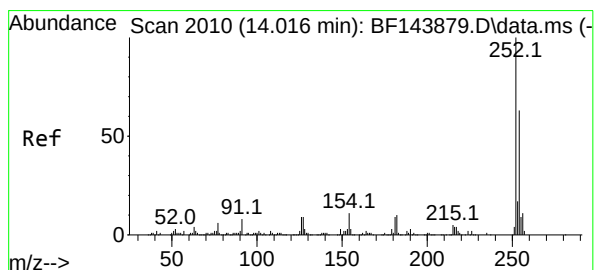
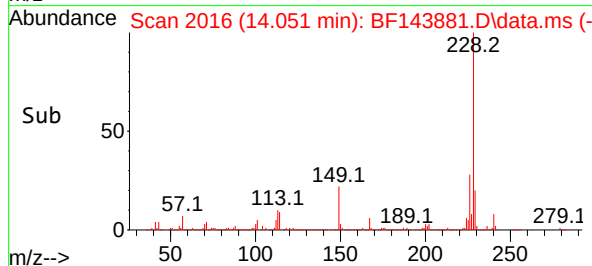
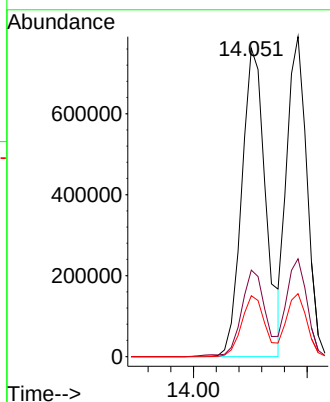
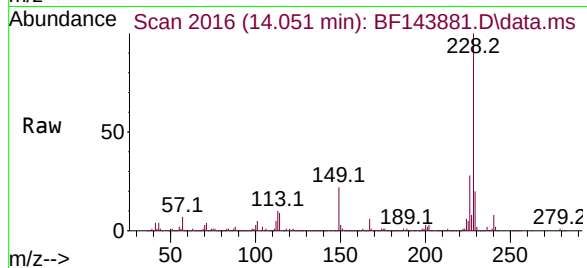




#81
Benzo(a)anthracene
Concen: 59.168 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

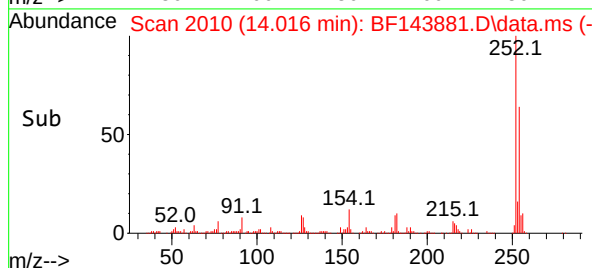
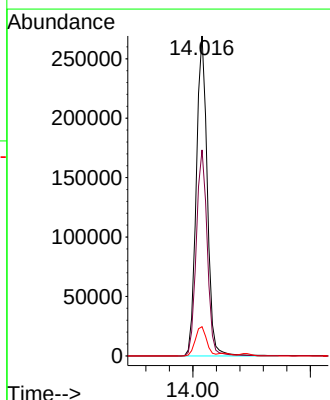
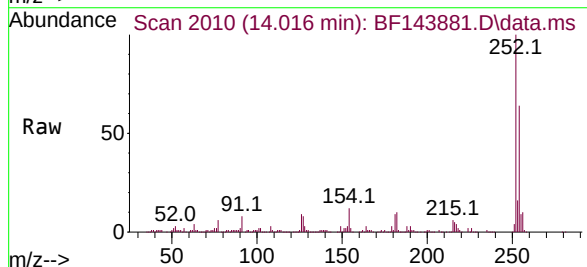
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

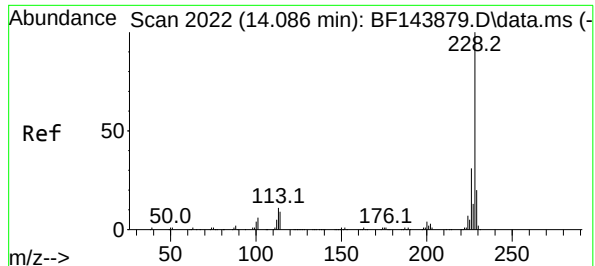
Tgt Ion:228 Resp: 1111626
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.2
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 60.756 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:252 Resp: 347863
Ion Ratio Lower Upper
252 100
254 64.4 50.6 76.0
126 9.1 7.0 10.6





#83

Chrysene

Concen: 55.770 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

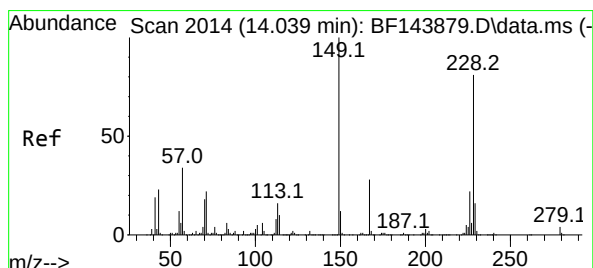
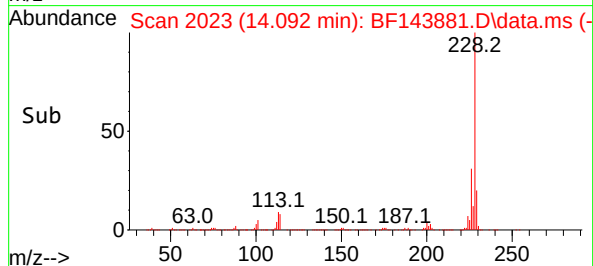
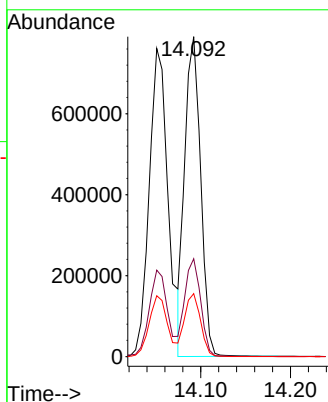
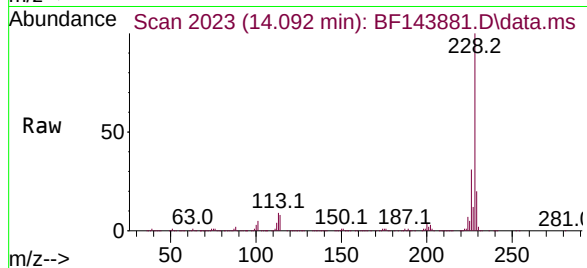
Tgt Ion:228 Resp: 969765

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.804 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

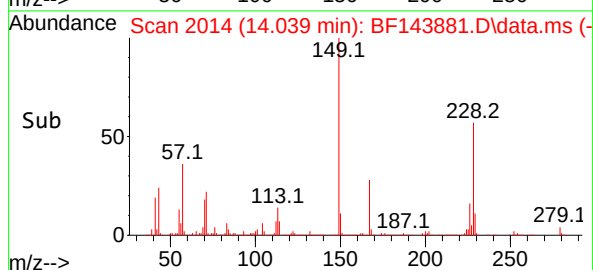
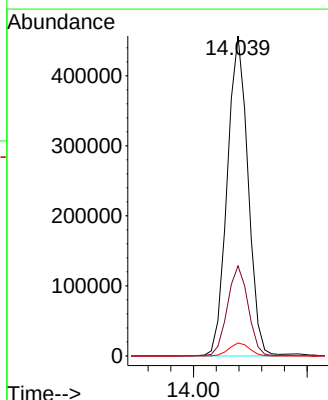
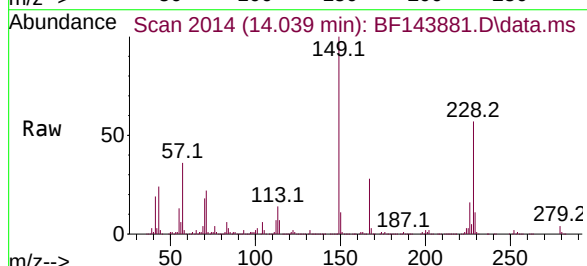
Tgt Ion:149 Resp: 579121

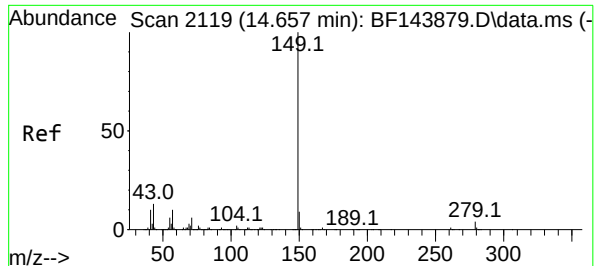
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 4.0 3.1 4.7

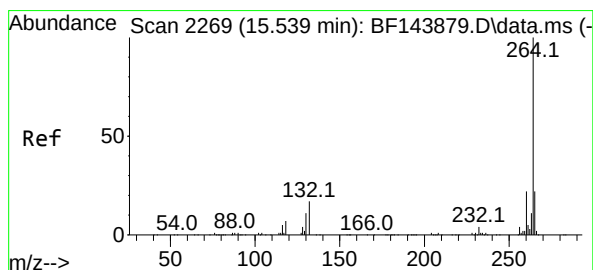
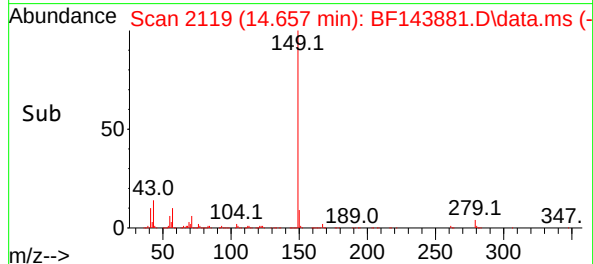
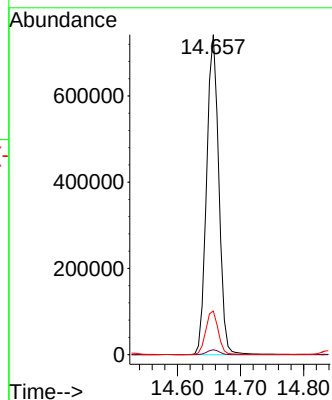
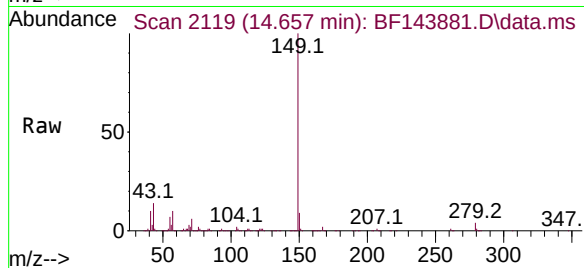




#85
Di-n-octyl phthalate
Concen: 64.431 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

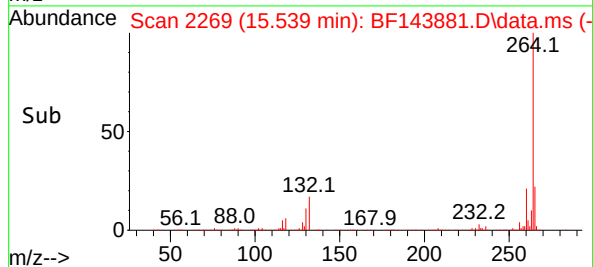
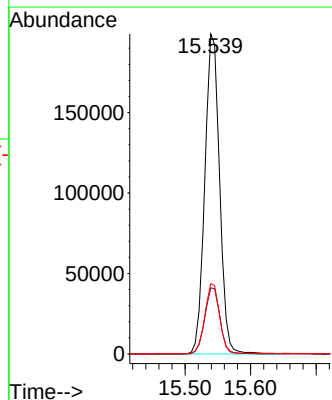
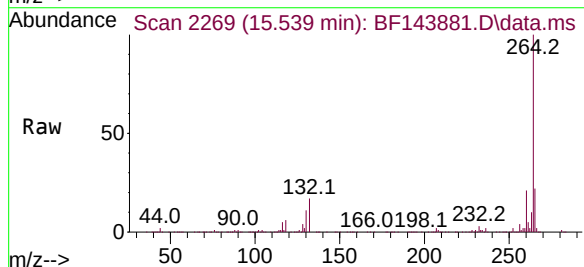
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

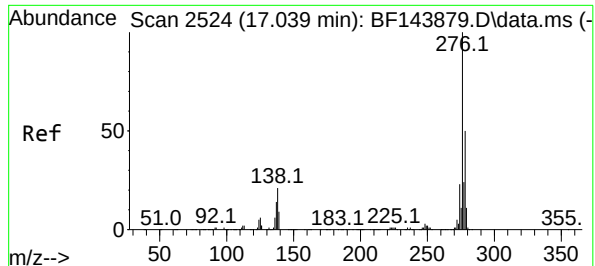
Tgt Ion:149 Resp: 991597
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 14.0 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:264 Resp: 309882
Ion Ratio Lower Upper
264 100
260 20.6 17.8 26.8
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.815 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

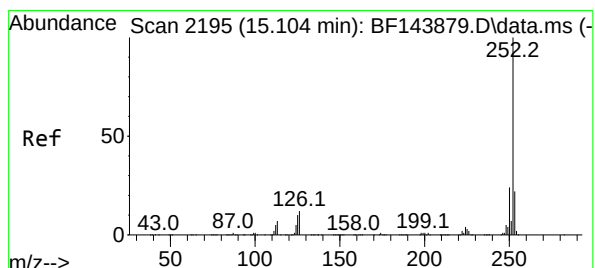
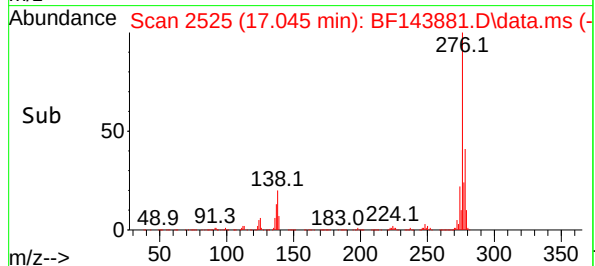
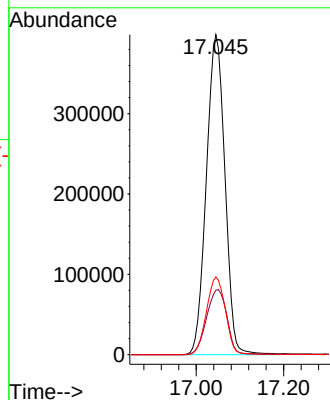
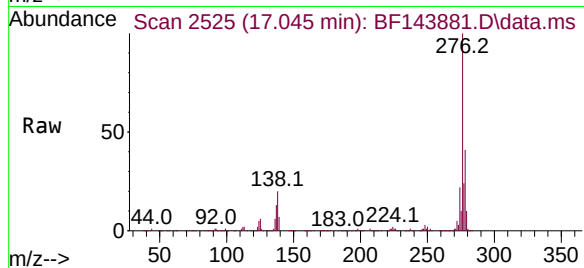
Tgt Ion:276 Resp: 1173726

Ion Ratio Lower Upper

276 100

138 22.3 18.2 27.2

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 62.778 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

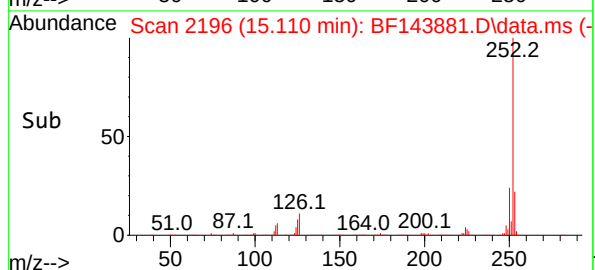
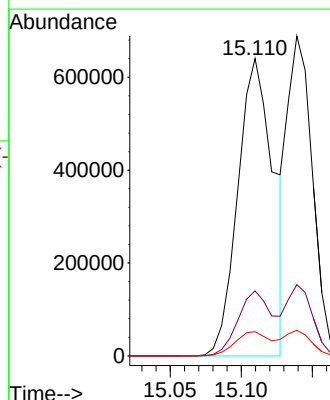
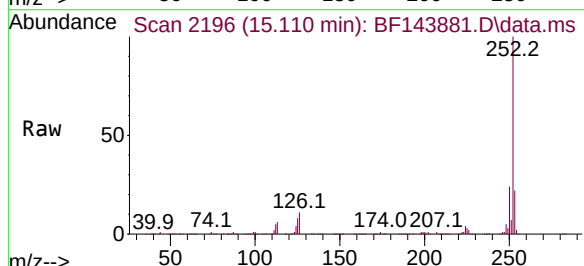
Tgt Ion:252 Resp: 1117484

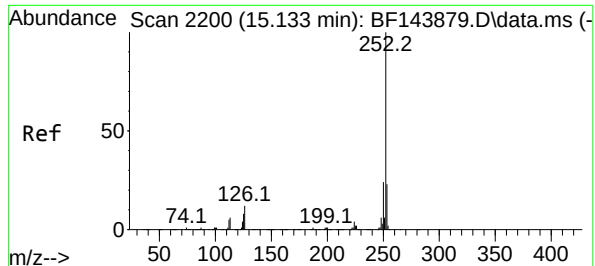
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.2 7.8 11.6

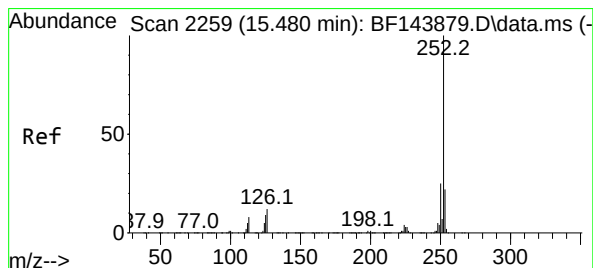
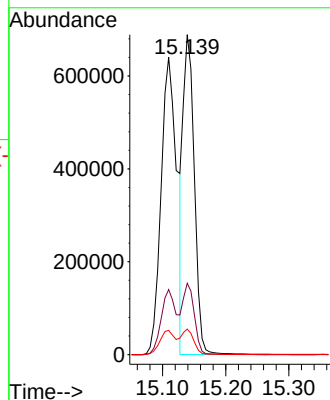
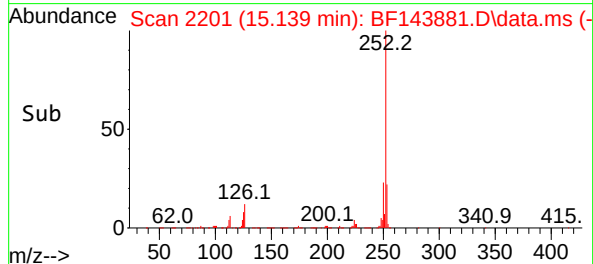
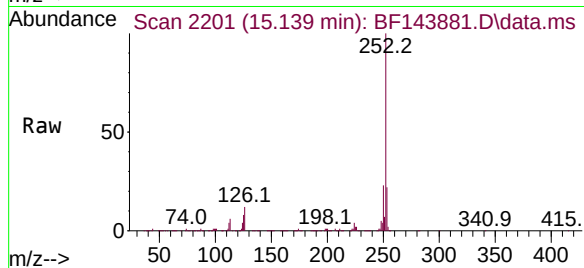




#89
Benzo(k)fluoranthene
Concen: 51.969 ng
RT: 15.139 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

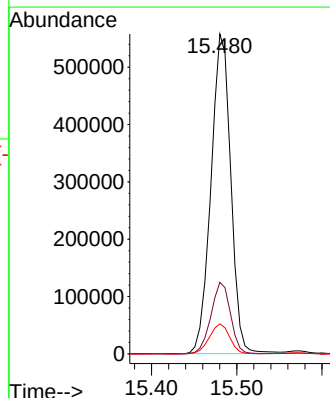
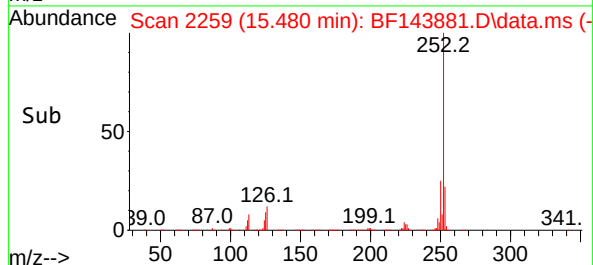
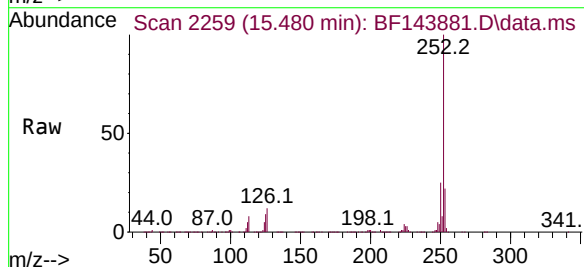
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

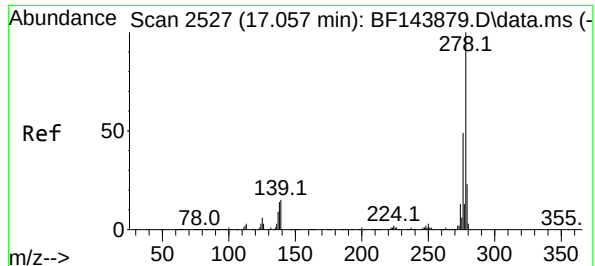
Tgt Ion:252 Resp: 855988
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 58.412 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:252 Resp: 901585
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.4 7.0 10.4

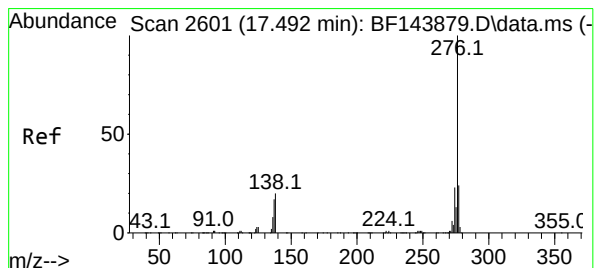
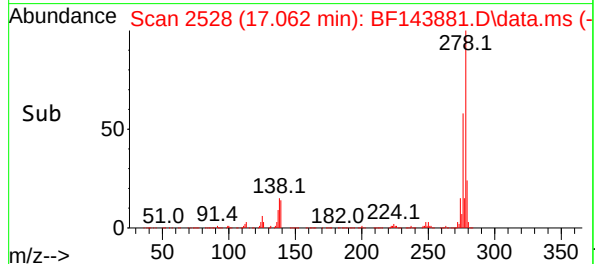
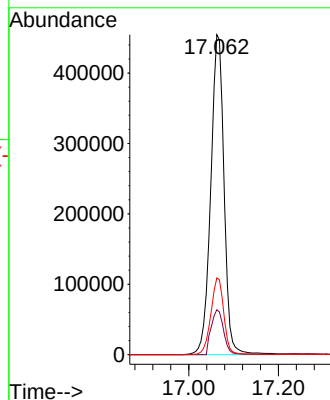
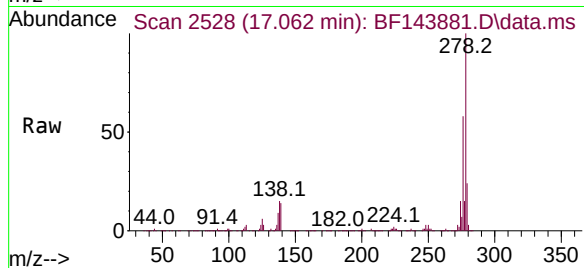




#91
Dibenzo(a,h)anthracene
Concen: 61.291 ng
RT: 17.062 min Scan# 2527
Delta R.T. -0.017 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

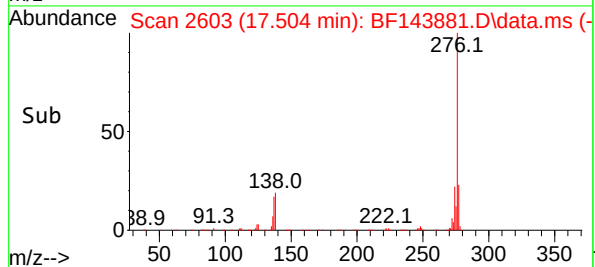
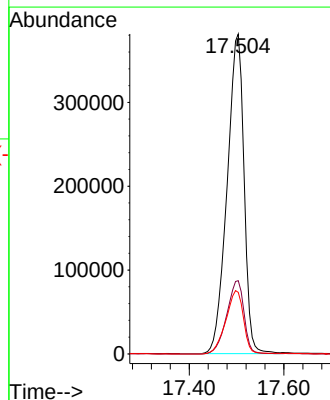
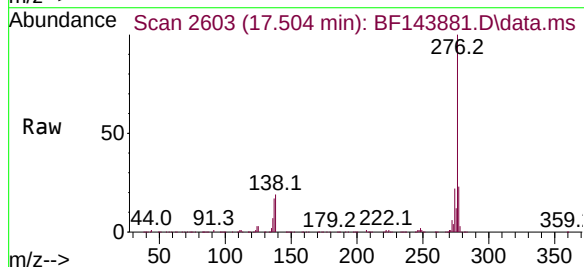
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 935987
Ion Ratio Lower Upper
278 100
139 14.0 11.7 17.5
279 24.0 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 61.976 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:276 Resp: 946452
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 19.2 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143882.D
 Acq On : 06 Oct 2025 14:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:39:02 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	153550	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	584564	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	320335	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	540366	20.000	ng	0.00
76) Chrysene-d12	14.068	240	302500	20.000	ng	0.00
86) Perylene-d12	15.545	264	357911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1325806	137.113	ng	0.00
7) Phenol-d6	6.516	99	1617892	140.374	ng	0.00
23) Nitrobenzene-d5	7.457	82	1436124	149.259	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	495811	155.397	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	13.010	244	2382437	134.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	334123	74.672	ng	98
3) Pyridine	3.416	79	1009551	77.503	ng	99
4) n-Nitrosodimethylamine	3.387	42	552664	80.653	ng	96
6) Aniline	6.551	93	1226438	71.012	ng	94
8) 2-Chlorophenol	6.669	128	683900	72.356	ng	100
9) Benzaldehyde	6.439	77	546849	61.507	ng	99
10) Phenol	6.534	94	976173	70.844	ng	83
11) bis(2-Chloroethyl)ether	6.628	93	760388	71.438	ng	98
12) 1,3-Dichlorobenzene	6.828	146	746378	65.969	ng	98
13) 1,4-Dichlorobenzene	6.904	146	727973	65.228	ng	100
14) 1,2-Dichlorobenzene	7.057	146	708144	66.244	ng	99
15) Benzyl Alcohol	7.034	79	664305	76.926	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1670583	68.951	ng	97
17) 2-Methylphenol	7.134	107	569618	72.921	ng	98
18) Hexachloroethane	7.398	117	256173	68.827	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	559967	70.978	ng	99
20) 3+4-Methylphenols	7.298	107	573027	63.295	ng	# 78
22) Acetophenone	7.304	105	795315	64.345	ng	# 92
24) Nitrobenzene	7.475	77	800306	74.900	ng	98
25) Isophorone	7.722	82	1534787	75.651	ng	98
26) 2-Nitrophenol	7.786	139	389145	84.948	ng	98
27) 2,4-Dimethylphenol	7.822	122	616626	74.828	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	888473	69.328	ng	99
29) 2,4-Dichlorophenol	8.028	162	620755	72.318	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	583022	69.063	ng	99
31) Naphthalene	8.192	128	1710914	64.341	ng	99
32) Benzoic acid	7.963	122	539440m	94.587	ng	
33) 4-Chloroaniline	8.239	127	697350	69.923	ng	98
34) Hexachlorobutadiene	8.310	225	404619	68.974	ng	98
35) Caprolactam	8.645	113	218801	80.169	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	598614	72.601	ng	98
37) 2-Methylnaphthalene	8.886	142	1138146	64.254	ng	99
38) 1-Methylnaphthalene	8.986	142	1087879	63.318	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	594660	67.166	ng	98
41) Hexachlorocyclopentadiene	9.033	237	301178	81.998	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	481852	74.487	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143882.D
 Acq On : 06 Oct 2025 14:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:39:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

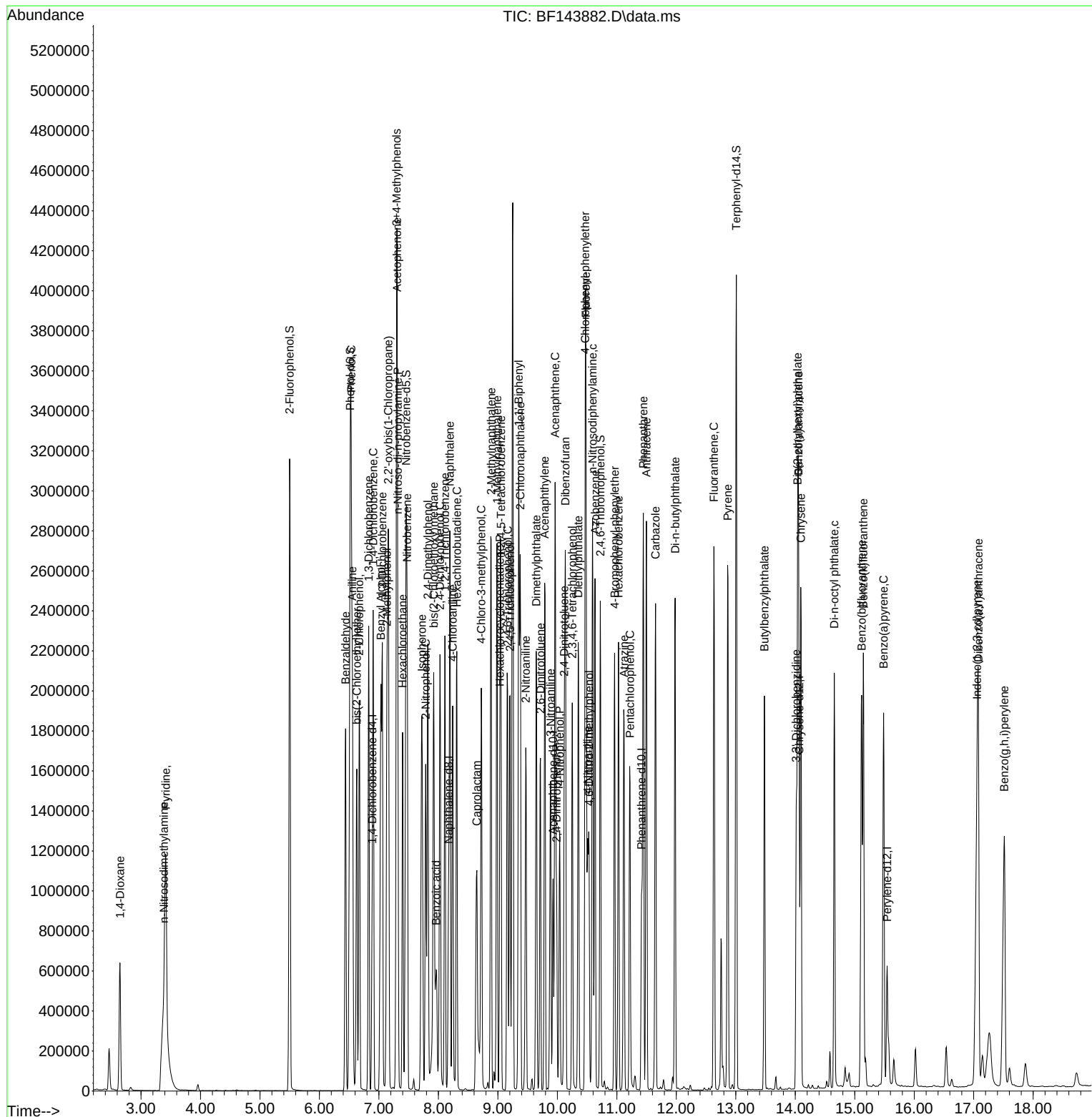
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	487322	71.286	ng	99
46) 1,1'-Biphenyl	9.351	154	1344805	63.407	ng	98
47) 2-Chloronaphthalene	9.375	162	1170019	66.165	ng	98
48) 2-Nitroaniline	9.469	65	445537	79.693	ng	99
49) Acenaphthylene	9.786	152	1644728	66.159	ng	100
50) Dimethylphthalate	9.645	163	1415482	69.582	ng	100
51) 2,6-Dinitrotoluene	9.716	165	303176	80.372	ng	97
52) Acenaphthene	9.963	154	1085733	66.651	ng	99
53) 3-Nitroaniline	9.886	138	365960	79.233	ng	98
54) 2,4-Dinitrophenol	9.986	184	187560	80.556	ng	97
55) Dibenzofuran	10.133	168	1471622	63.998	ng	98
56) 4-Nitrophenol	10.039	139	294937	84.335	ng	95
57) 2,4-Dinitrotoluene	10.116	165	409463	79.779	ng	94
58) Fluorene	10.480	166	1069764	61.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	368599	76.170	ng	98
60) Diethylphthalate	10.351	149	1267085	67.047	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	572035	62.357	ng	96
62) 4-Nitroaniline	10.510	138	351634	79.169	ng	98
63) Azobenzene	10.633	77	1351920	68.446	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	236863	87.227	ng	99
66) n-Nitrosodiphenylamine	10.592	169	1139482	67.159	ng	98
67) 4-Bromophenyl-phenylether	10.963	248	423148	70.857	ng	98
68) Hexachlorobenzene	11.027	284	498602	72.118	ng	97
69) Atrazine	11.121	200	347749	67.621	ng	99
70) Pentachlorophenol	11.221	266	318486	80.208	ng	99
71) Phenanthrene	11.445	178	1676081	63.980	ng	99
72) Anthracene	11.498	178	1688865	63.814	ng	99
73) Carbazole	11.651	167	1519615	64.832	ng	100
74) Di-n-butylphthalate	11.980	149	1793855	66.034	ng	100
75) Fluoranthene	12.633	202	1706368	63.059	ng	99
78) Pyrene	12.863	202	1718085	68.126	ng	99
80) Butylbenzylphthalate	13.480	149	633516	77.349	ng	97
81) Benzo(a)anthracene	14.057	228	1449801	73.238	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	461359	76.476	ng	98
83) Chrysene	14.092	228	1349286	73.645	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	749327	75.897	ng	100
85) Di-n-octyl phthalate	14.657	149	1370760	84.532	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	1786876	81.478	ng	99
88) Benzo(b)fluoranthene	15.115	252	1431875	69.645	ng	98
89) Benzo(k)fluoranthene	15.145	252	1362026	71.595	ng	98
90) Benzo(a)pyrene	15.486	252	1321893	74.151	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	1391562	78.895	ng	97
92) Benzo(g,h,i)perylene	17.515	276	1451721	82.305	ng	98

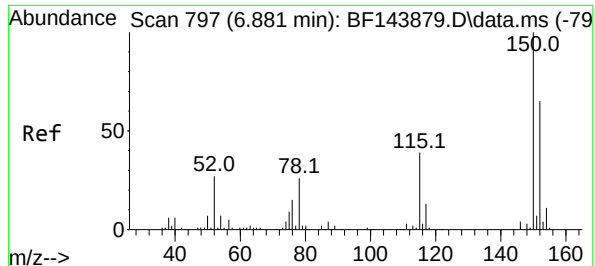
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

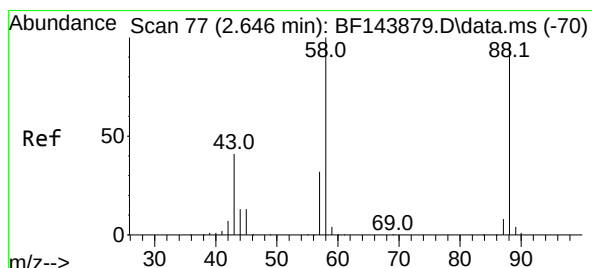
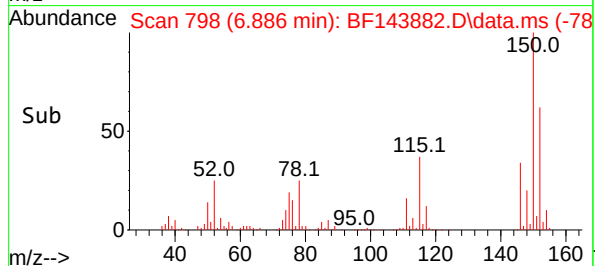
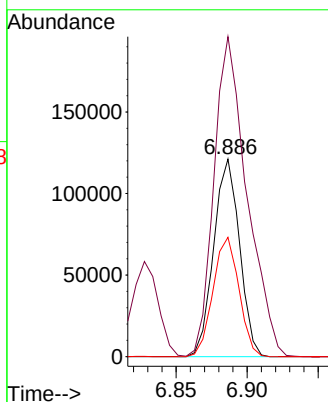
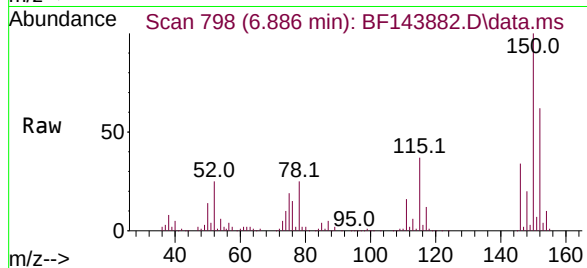
SSTDICC080

Tgt Ion:152 Resp: 153550
Ion Ratio Lower Upper
152 100
150 162.0 124.4 186.6
115 60.3 48.1 72.1

Manual Integrations

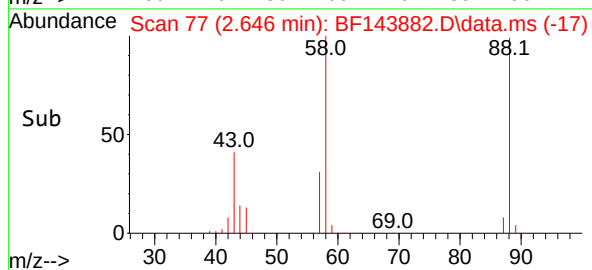
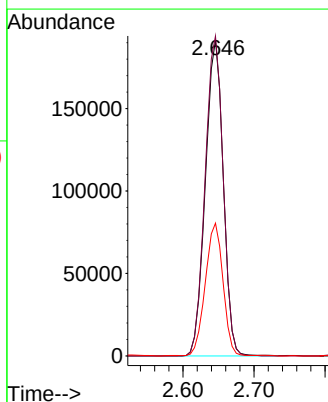
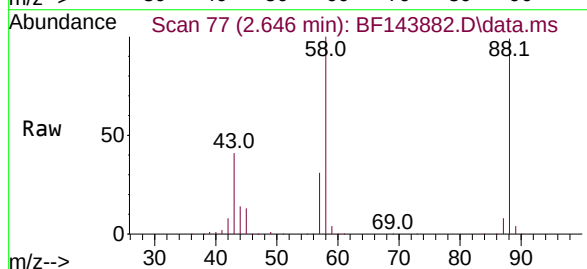
APPROVED

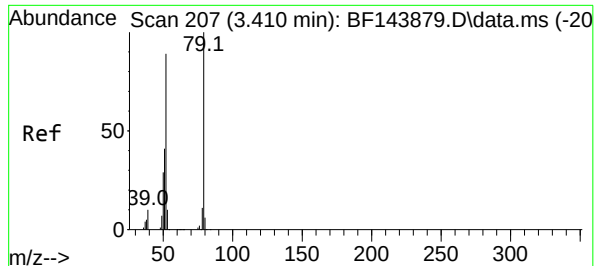
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#2
1,4-Dioxane
Concen: 74.672 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

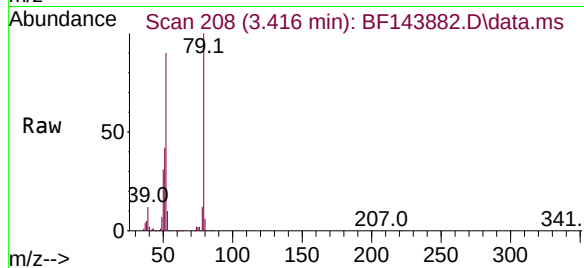
Tgt Ion: 88 Resp: 334123
Ion Ratio Lower Upper
88 100
58 102.1 83.0 124.6
43 41.3 33.9 50.9





#3
Pyridine
Concen: 77.503 ng
RT: 3.416 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

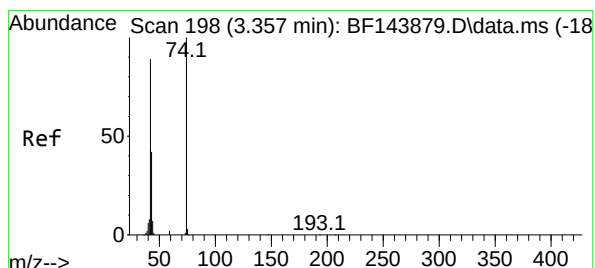
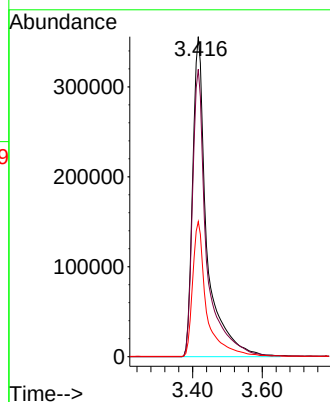
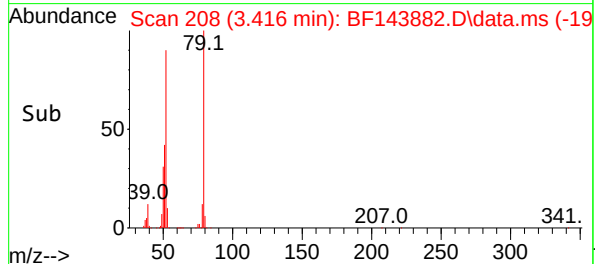
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 100955
Ion Ratio Lower Upper
79 100
52 89.8 71.5 107.3
51 42.2 32.9 49.3

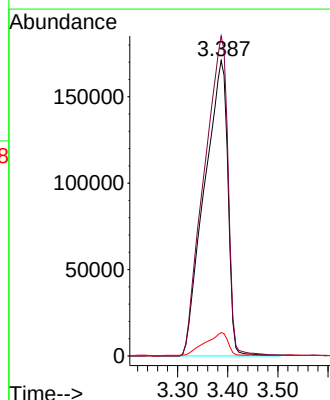
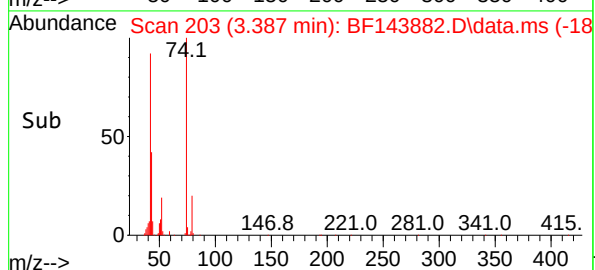
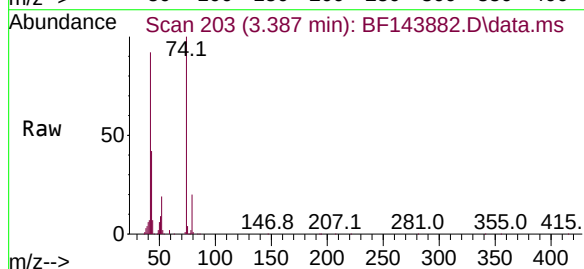
Manual Integrations
APPROVED

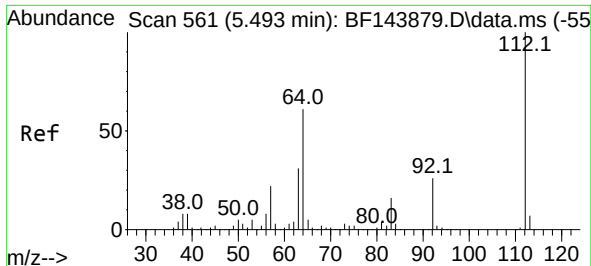
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#4
n-Nitrosodimethylamine
Concen: 80.653 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 42 Resp: 552664
Ion Ratio Lower Upper
42 100
74 108.4 90.0 135.0
44 7.9 6.2 9.2





#5
2-Fluorophenol
Concen: 137.113 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

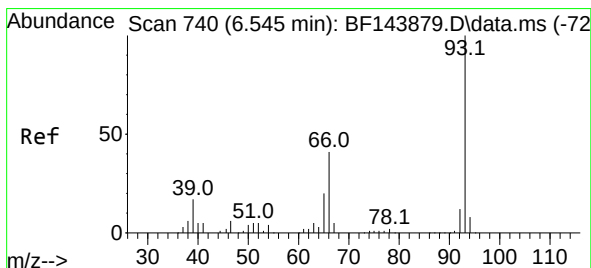
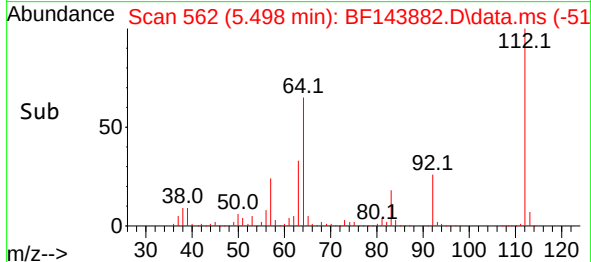
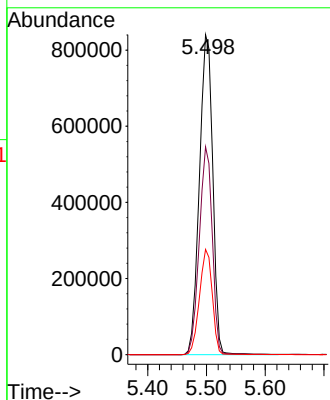
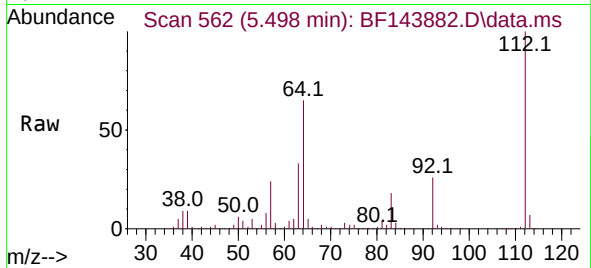
SSTDICC080

Tgt Ion:112 Resp: 1325806
Ion Ratio Lower Upper
112 100
64 64.9 49.1 73.7
63 32.9 24.5 36.7

Manual Integrations

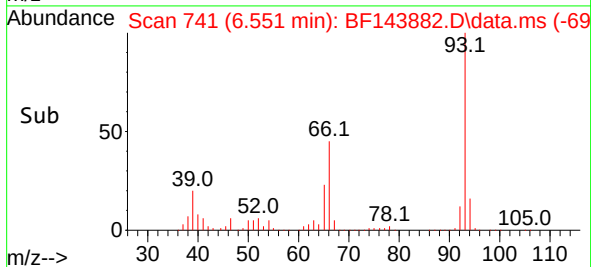
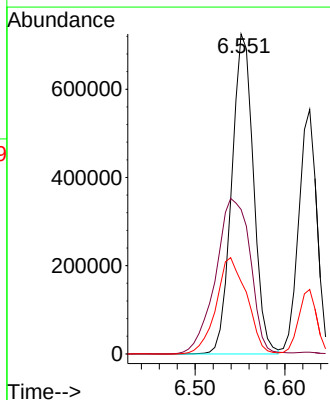
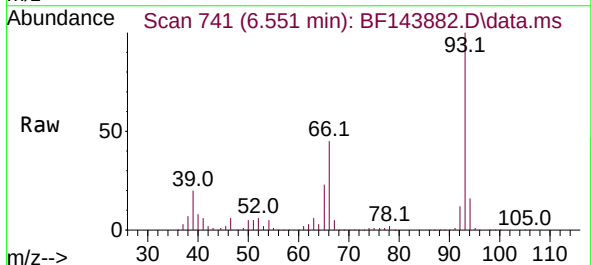
APPROVED

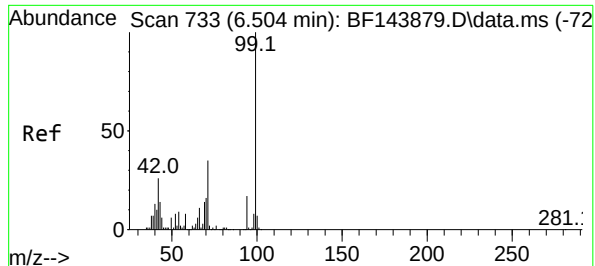
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#6
Aniline
Concen: 71.012 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 93 Resp: 1226438
Ion Ratio Lower Upper
93 100
66 45.1 33.0 49.6
65 22.6 15.8 23.8





#7

Phenol-d6

Concen: 140.374 ng

RT: 6.516 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF143882.D

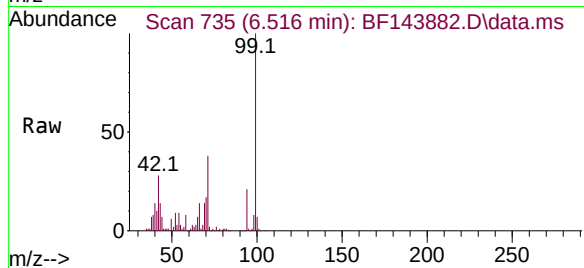
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 99 Resp: 1617892

Ion Ratio Lower Upper

99 100

42 28.0 21.0 31.4

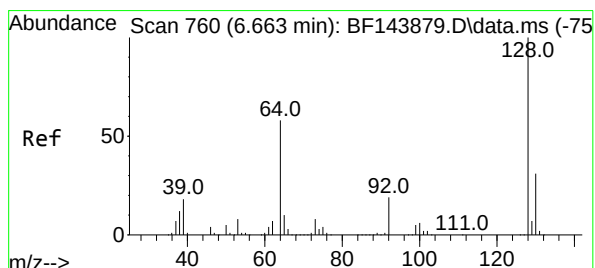
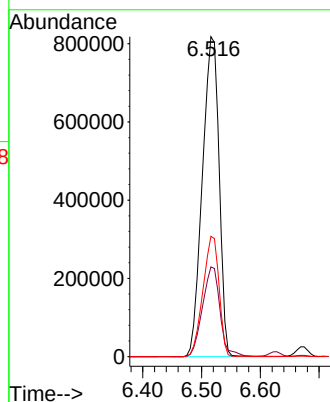
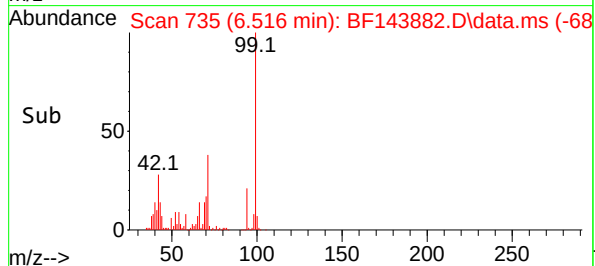
71 37.6 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#8

2-Chlorophenol

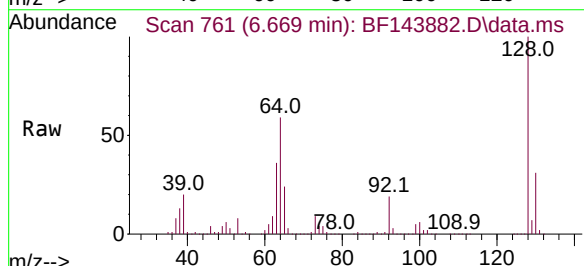
Concen: 72.356 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



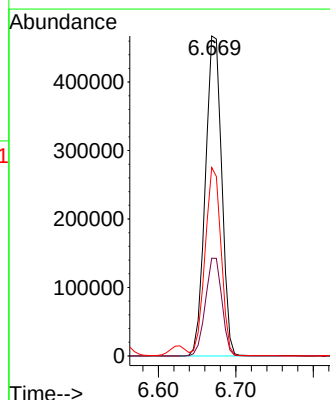
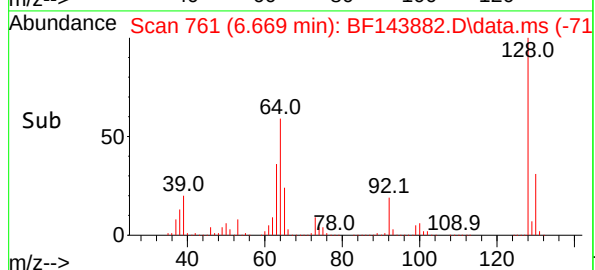
Tgt Ion:128 Resp: 683900

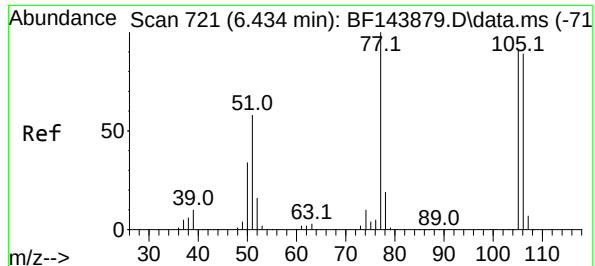
Ion Ratio Lower Upper

128 100

130 30.5 10.7 50.7

64 58.9 39.0 79.0





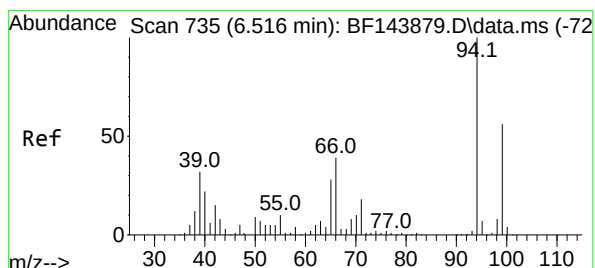
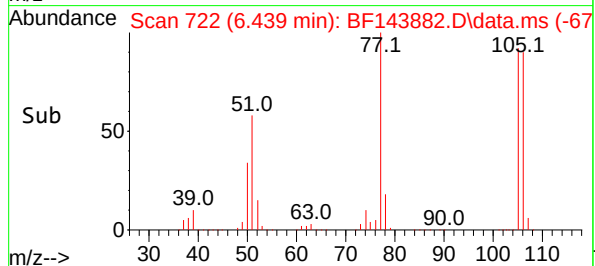
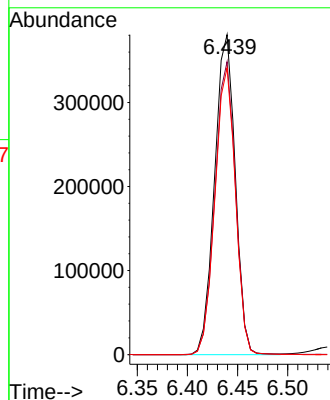
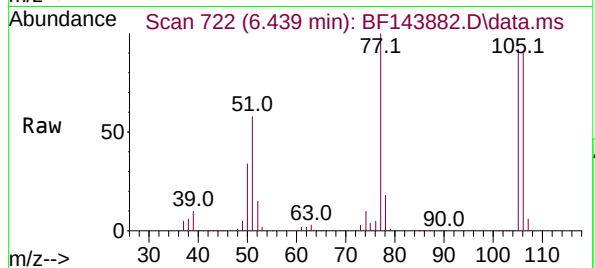
#9
Benzaldehyde
Concen: 61.507 ng
RT: 6.439 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 546849
Ion Ratio Lower Upper
77 100
105 91.5 70.9 110.9
106 89.6 68.9 108.9

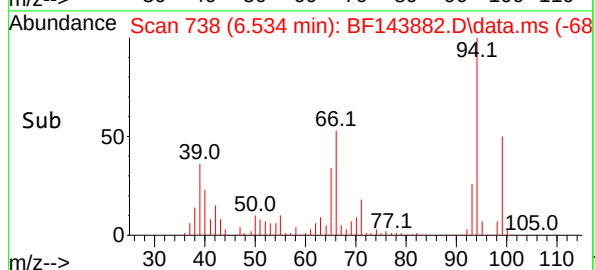
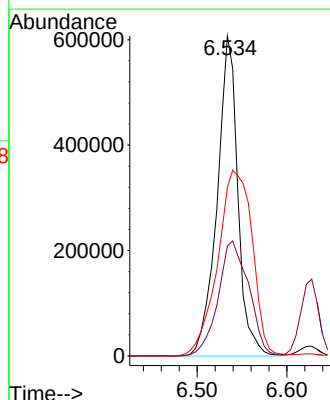
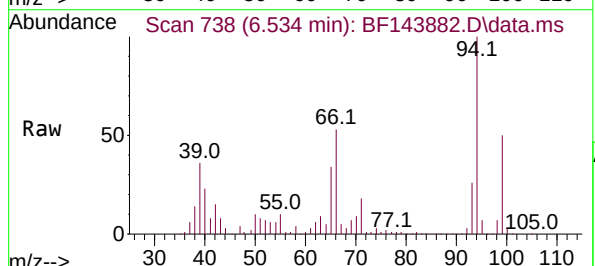
Manual Integrations
APPROVED

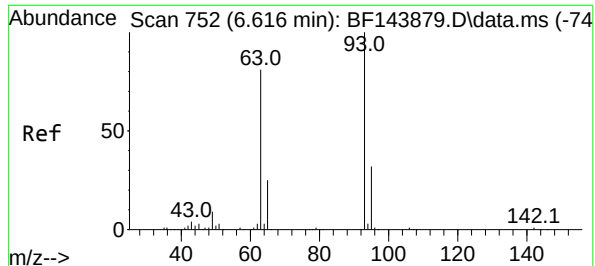
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#10
Phenol
Concen: 70.844 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 94 Resp: 976173
Ion Ratio Lower Upper
94 100
65 34.4 8.5 48.5
66 52.8 19.9 59.9





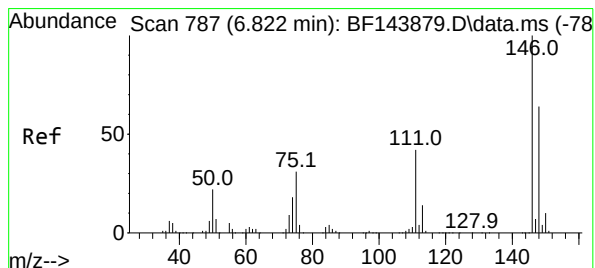
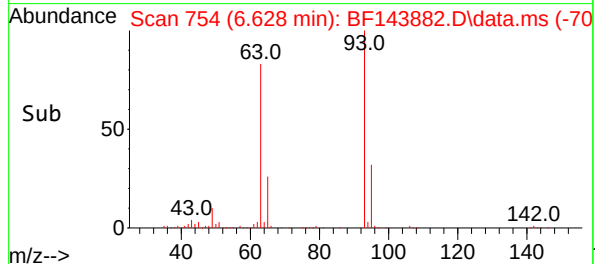
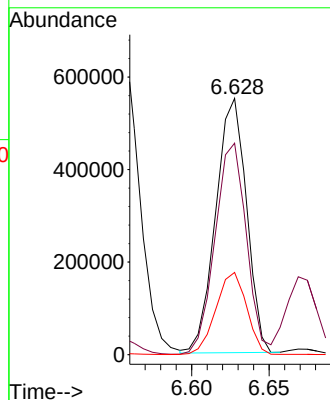
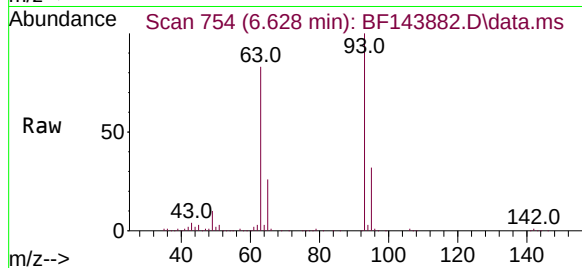
#11
bis(2-Chloroethyl)ether
Concen: 71.438 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 760388
Ion Ratio Lower Upper
93 100
63 82.5 60.9 100.9
95 32.0 11.5 51.5

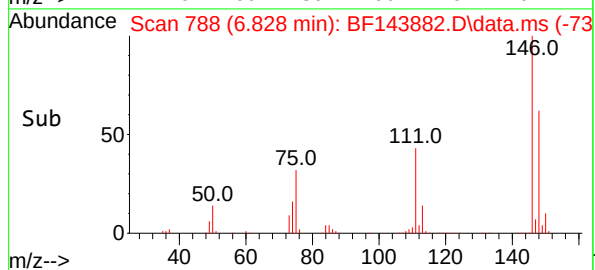
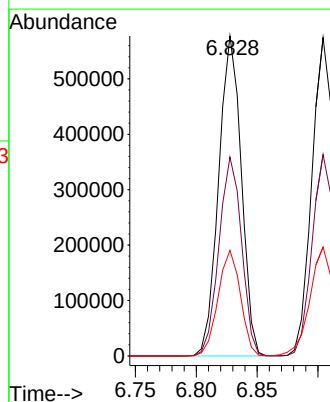
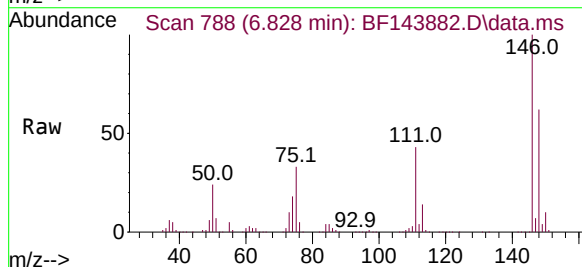
Manual Integrations
APPROVED

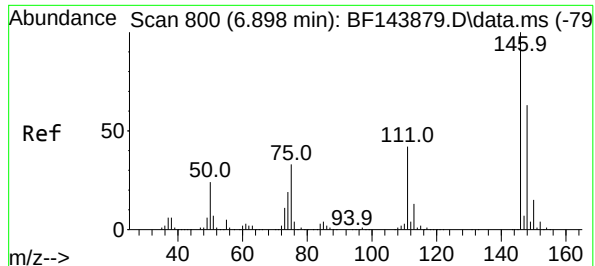
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#12
1,3-Dichlorobenzene
Concen: 65.969 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:146 Resp: 746378
Ion Ratio Lower Upper
146 100
148 62.1 51.0 76.4
75 33.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 65.228 ng

RT: 6.904 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 727973

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

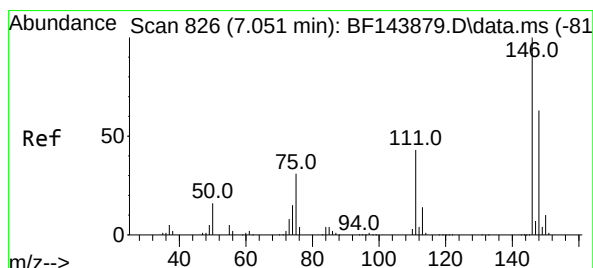
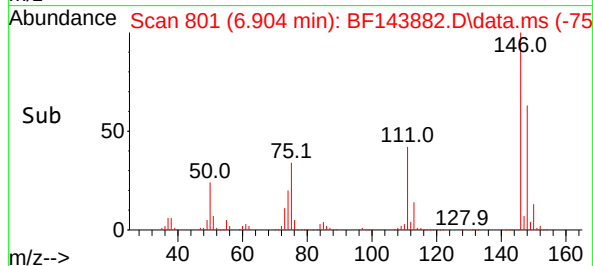
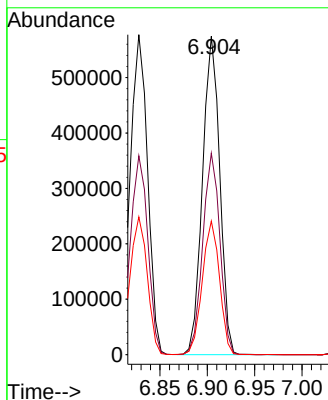
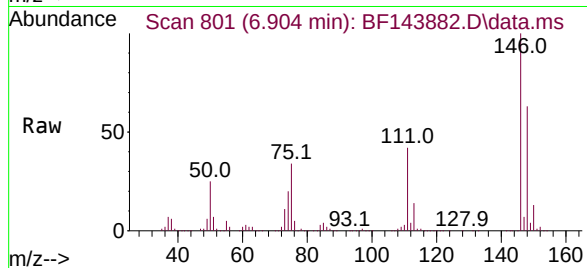
111 42.0 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 66.244 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

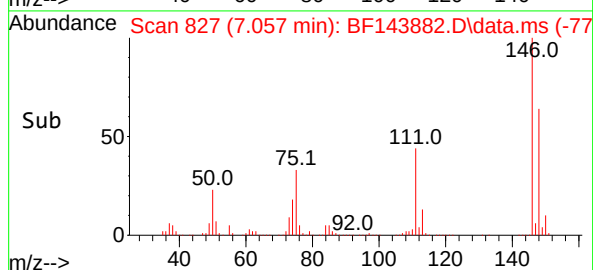
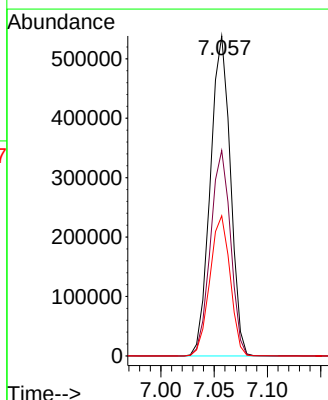
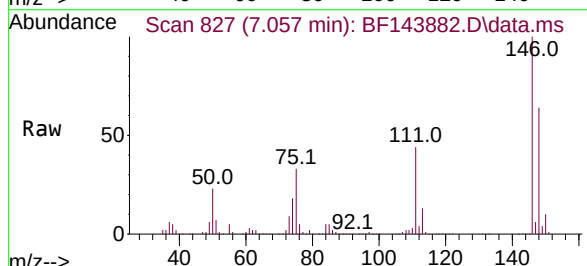
Tgt Ion:146 Resp: 708144

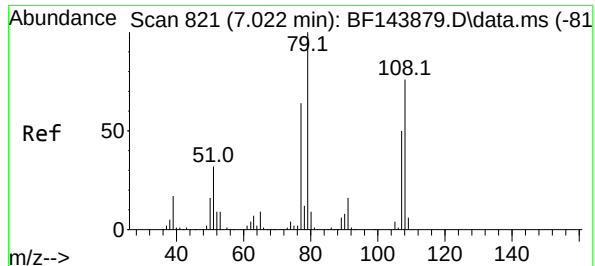
Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

111 43.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 76.926 ng

RT: 7.034 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 664305

Ion Ratio Lower Upper

79 100

108 73.0 60.8 91.2

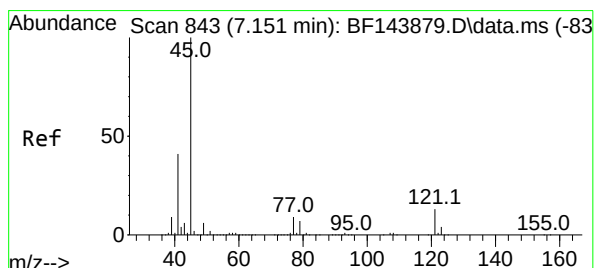
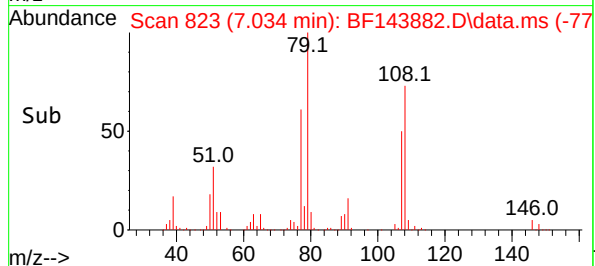
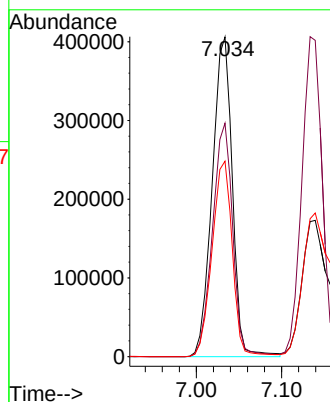
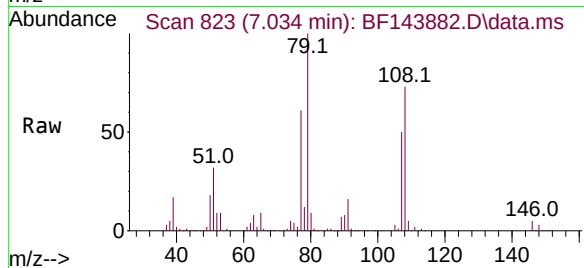
77 61.1 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 68.951 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

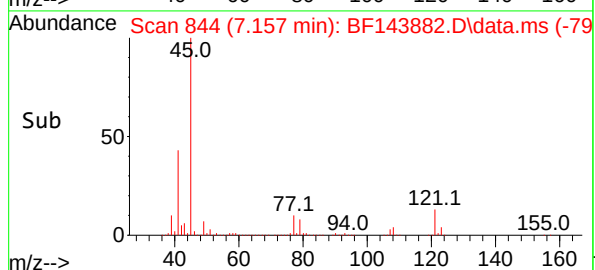
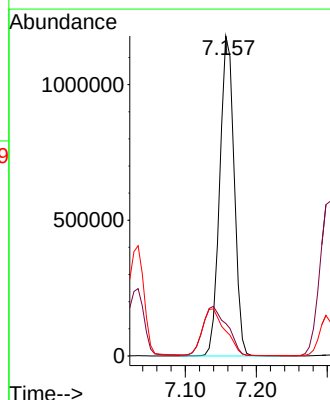
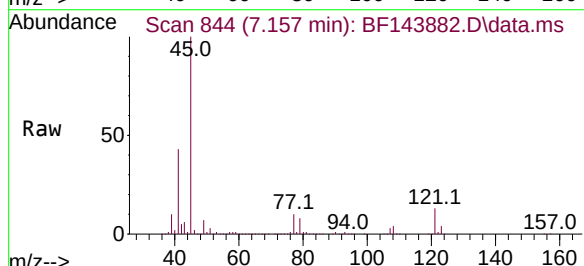
Tgt Ion: 45 Resp: 1670583

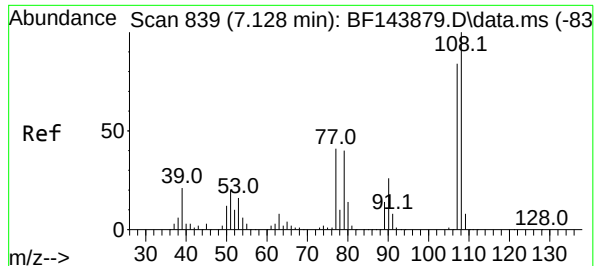
Ion Ratio Lower Upper

45 100

77 10.1 0.0 29.0

79 7.8 0.0 26.8





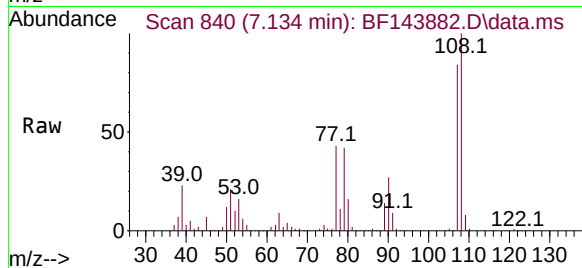
#17
2-Methylphenol
Concen: 72.921 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

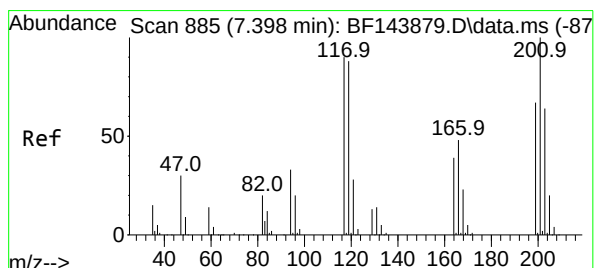
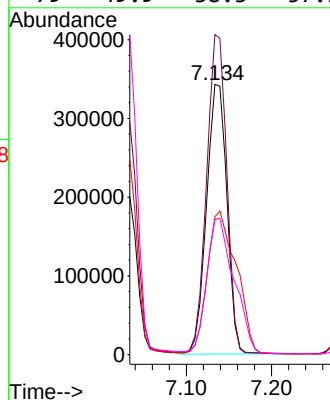
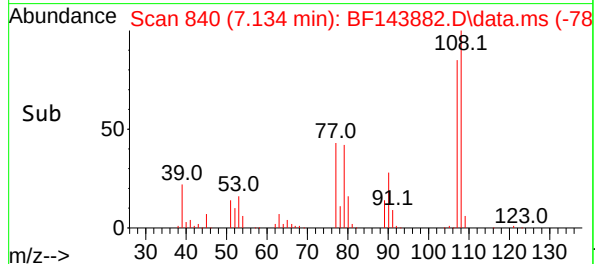


Tgt Ion:107 Resp: 569618
Ion Ratio Lower Upper
107 100
108 118.5 94.7 142.1
77 51.0 38.8 58.2
79 49.9 38.3 57.5

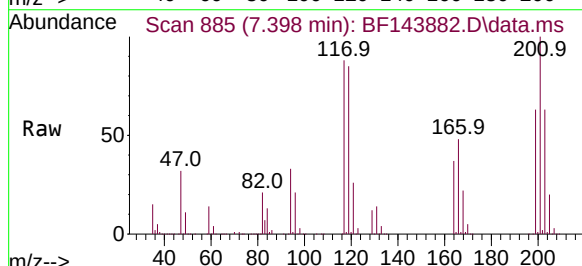
Manual Integrations

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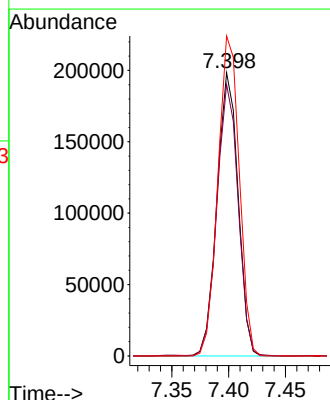
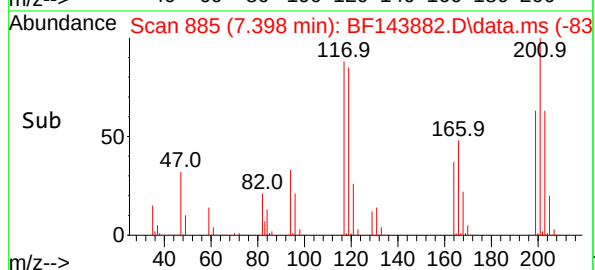
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

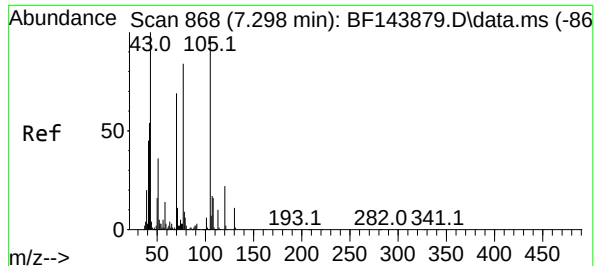


#18
Hexachloroethane
Concen: 68.827 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



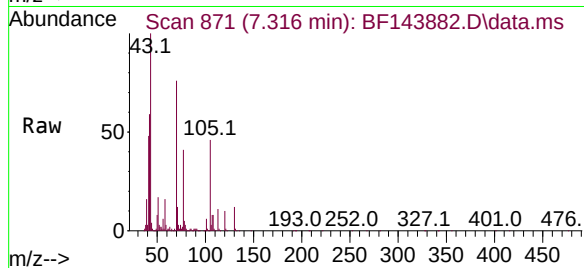
Tgt Ion:117 Resp: 256173
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.8
201 113.0 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 70.978 ng
RT: 7.316 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

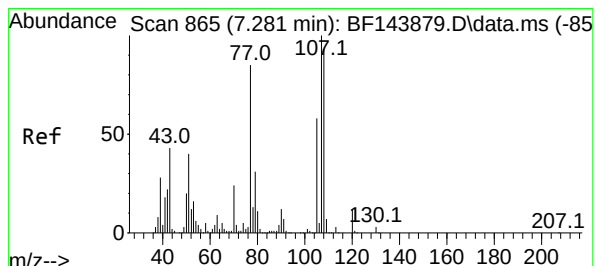
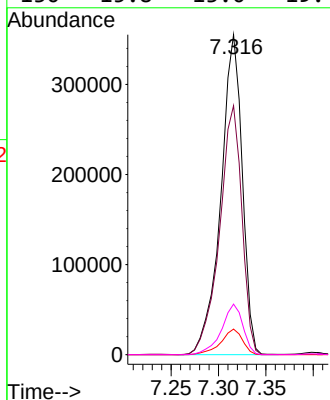
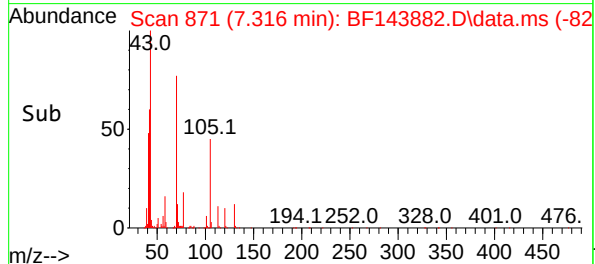
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



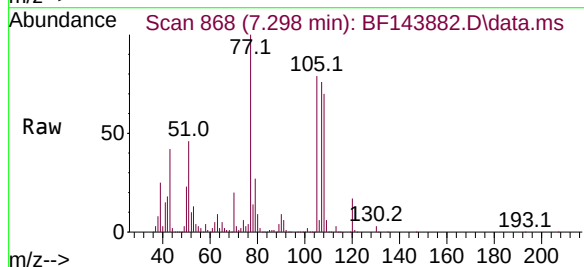
Tgt Ion: 70 Resp: 559962
Ion Ratio Lower Upper
70 100
42 77.8 62.8 94.2
101 8.0 6.7 10.1
130 15.8 13.0 19.4

Manual Integrations
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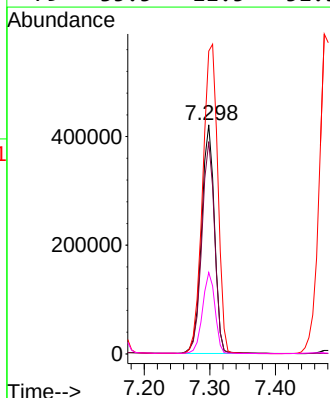
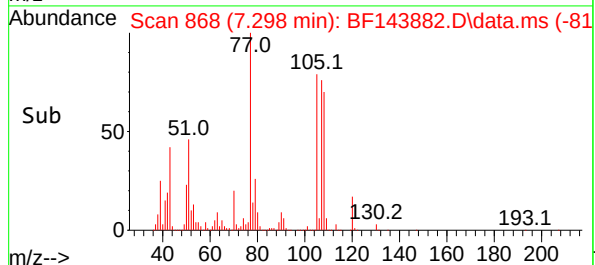
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

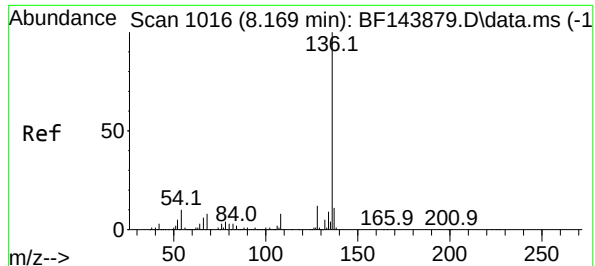


#20
3+4-Methylphenols
Concen: 63.295 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



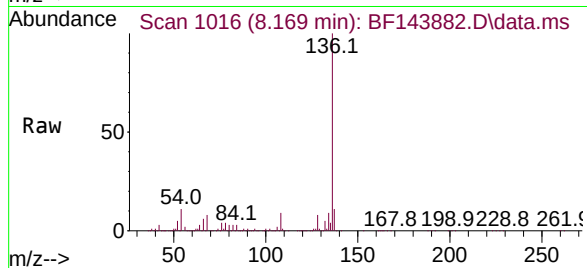
Tgt Ion:107 Resp: 573027
Ion Ratio Lower Upper
107 100
108 92.7 73.0 113.0
77 132.3 64.6 104.6#
79 35.5 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

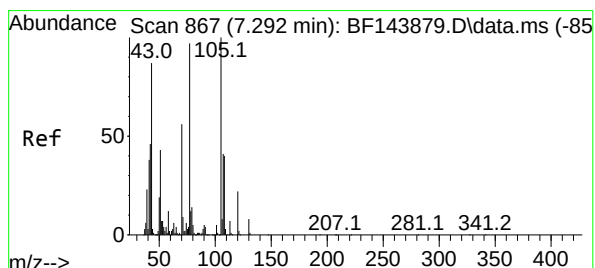
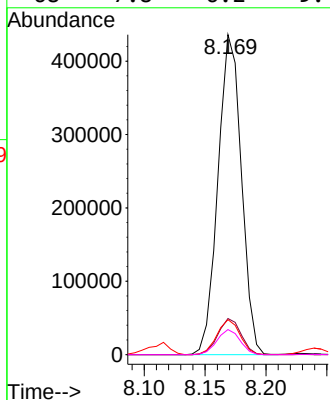
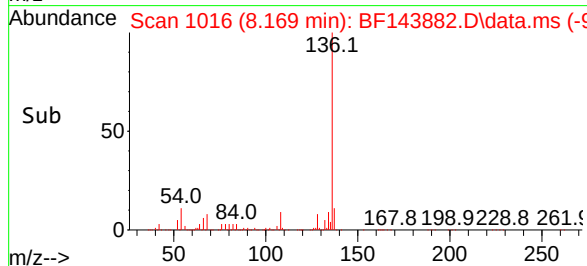
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



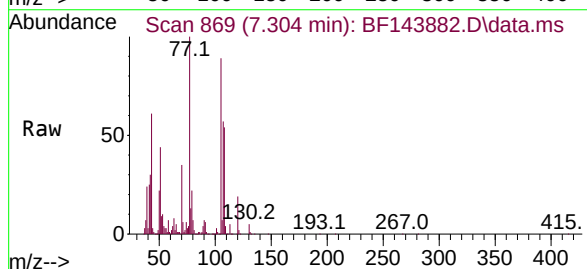
Tgt Ion:136 Resp: 584564
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 10.9 8.2 12.4
68 7.8 6.2 9.4

Manual Integrations
APPROVED

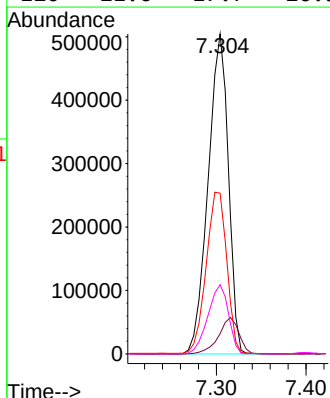
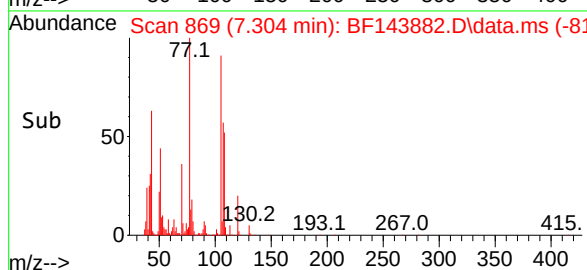
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

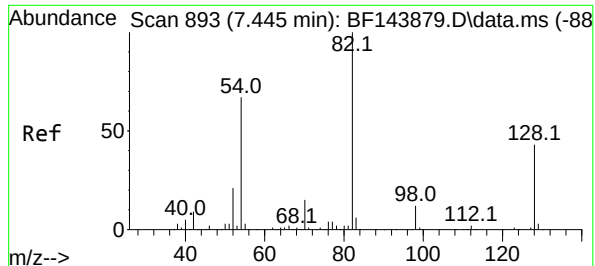


#22
Acetophenone
Concen: 64.345 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



Tgt Ion:105 Resp: 795315
Ion Ratio Lower Upper
105 100
71 6.3 7.4 11.0#
51 50.2 34.2 51.4
120 21.6 17.7 26.5





#23

Nitrobenzene-d5

Concen: 149.259 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1436124

Ion Ratio Lower Upper

82 100

128 41.6 34.0 51.0

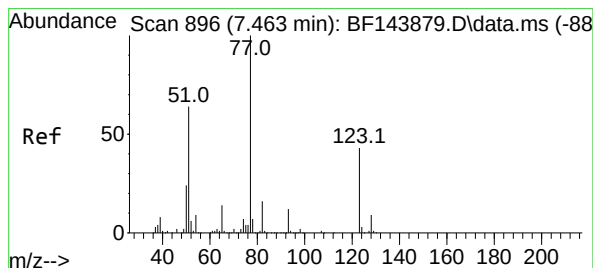
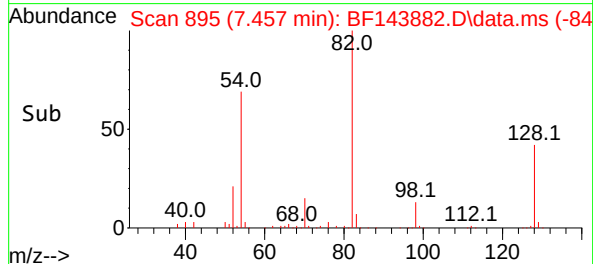
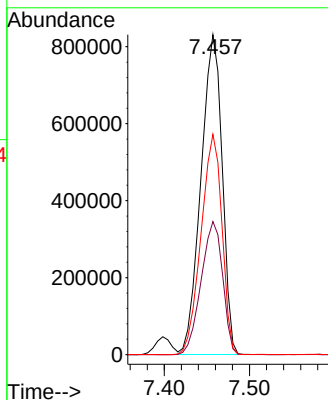
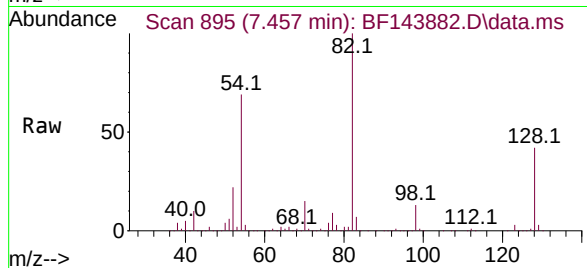
54 68.8 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 74.900 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

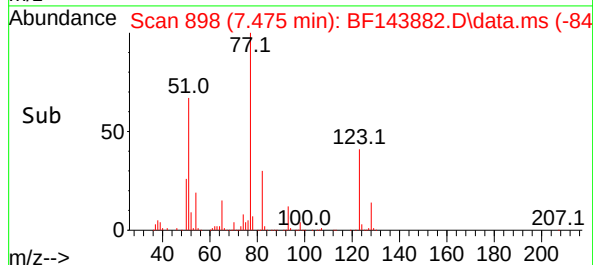
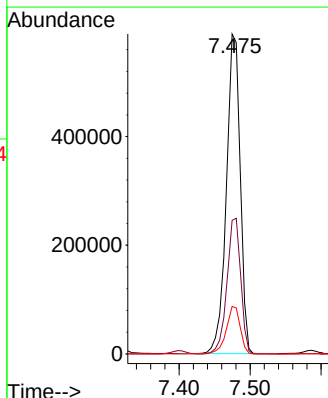
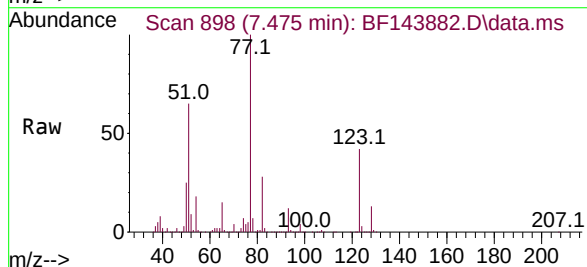
Tgt Ion: 77 Resp: 800306

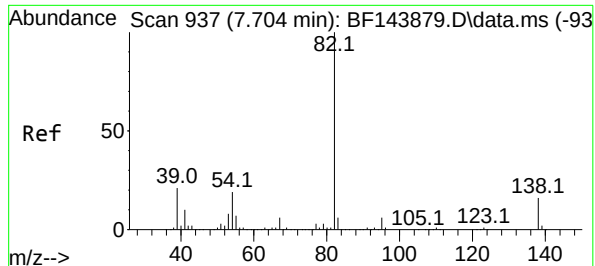
Ion Ratio Lower Upper

77 100

123 41.7 34.2 51.4

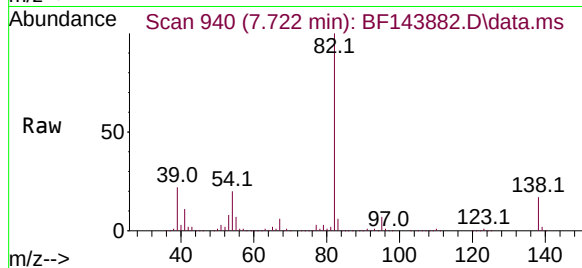
65 14.8 11.0 16.6





#25
Isophorone
Concen: 75.651 ng
RT: 7.722 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

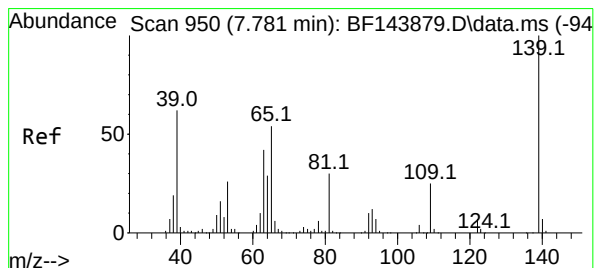
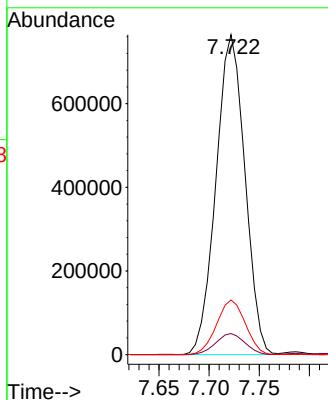
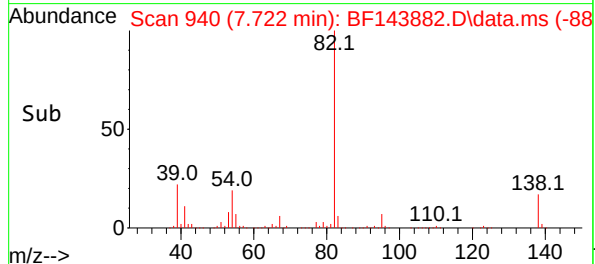
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



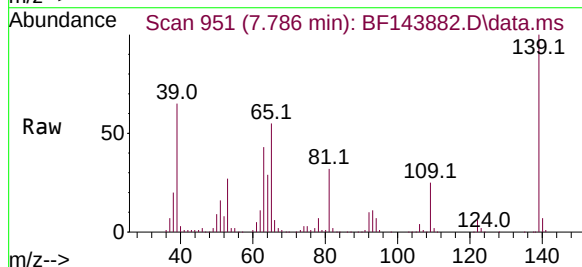
Tgt Ion: 82 Resp: 153478
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 17.1 12.9 19.3

Manual Integrations
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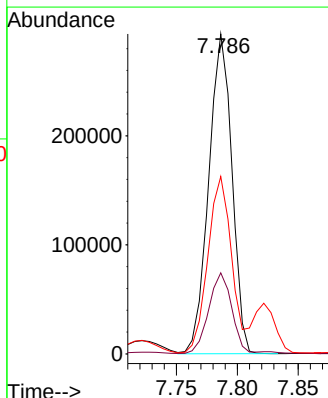
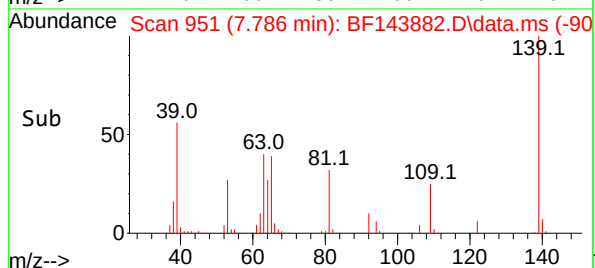
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

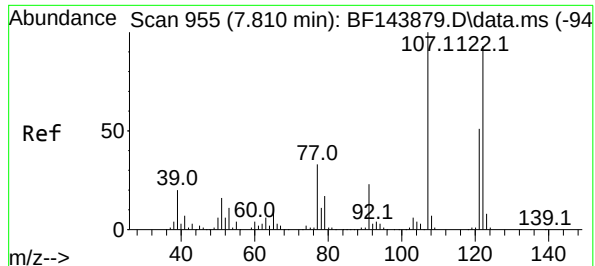


#26
2-Nitrophenol
Concen: 84.948 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



Tgt Ion:139 Resp: 389145
Ion Ratio Lower Upper
139 100
109 25.3 19.8 29.6
65 55.4 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 74.828 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 616626

Ion Ratio Lower Upper

122 100

107 108.9 86.1 129.1

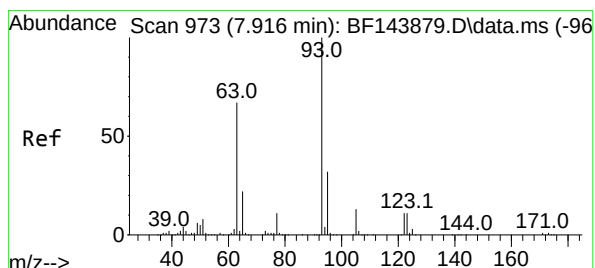
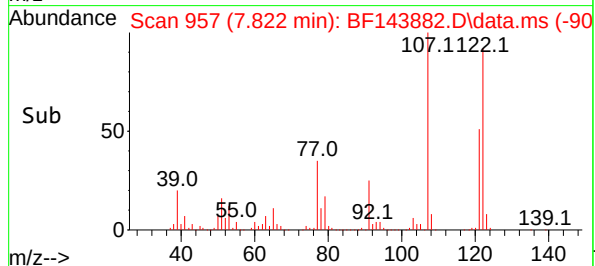
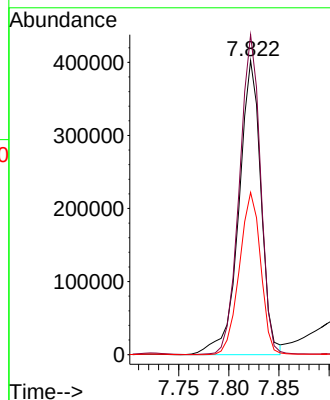
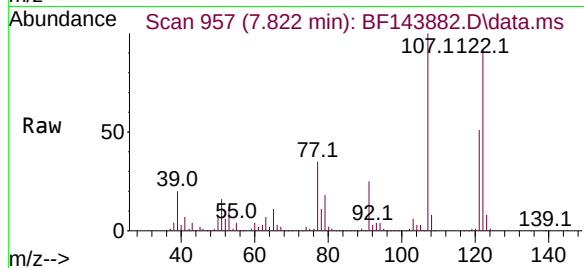
121 55.2 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 69.328 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

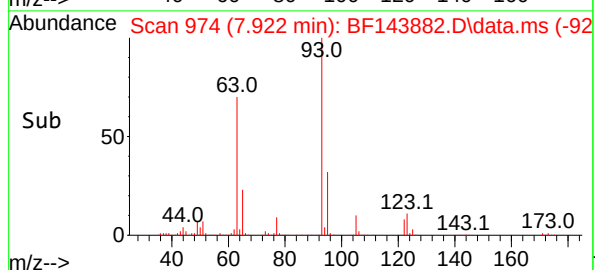
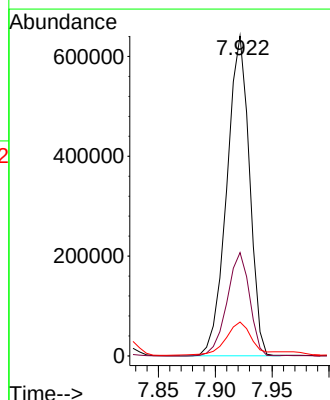
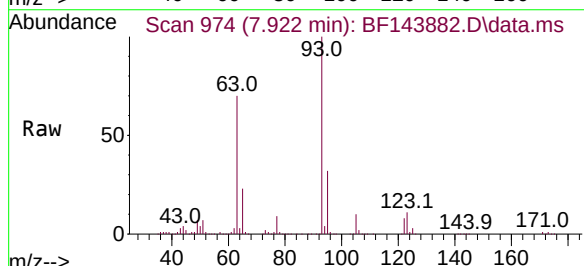
Tgt Ion: 93 Resp: 888473

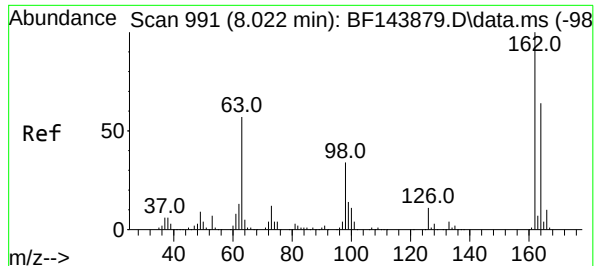
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 10.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 72.318 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143882.D

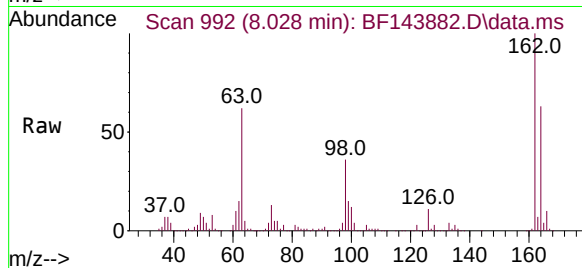
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:162 Resp: 620755

Ion Ratio Lower Upper

162 100

164 62.6 43.9 83.9

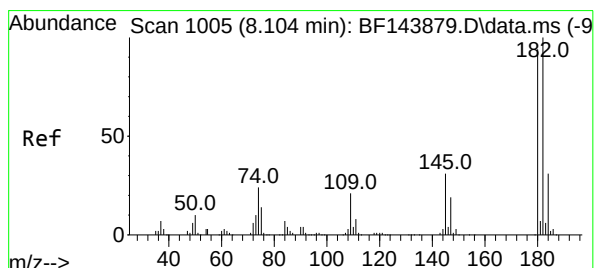
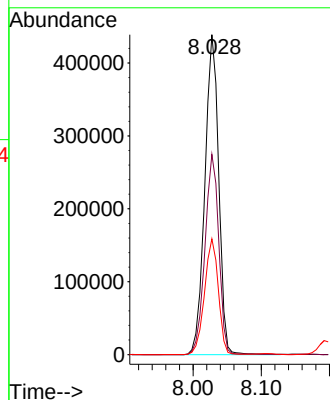
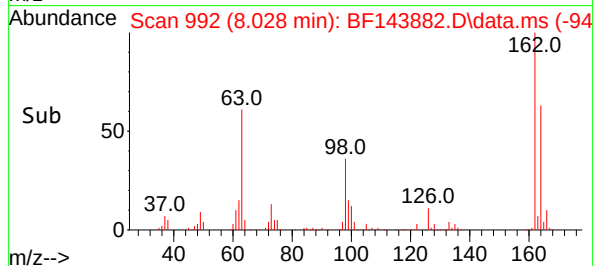
98 36.2 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

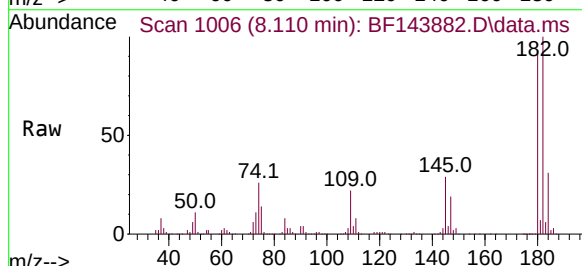
Concen: 69.063 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



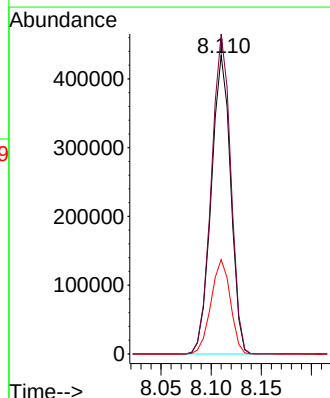
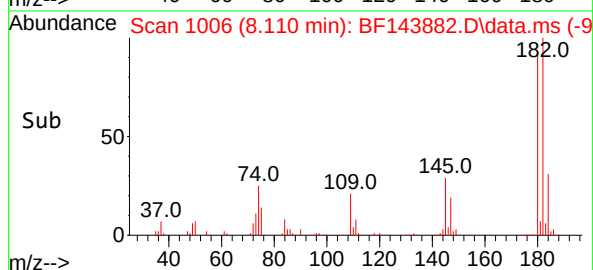
Tgt Ion:180 Resp: 583022

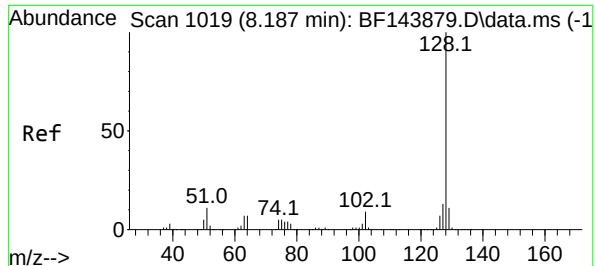
Ion Ratio Lower Upper

180 100

182 107.1 85.4 128.0

145 31.6 26.3 39.5





#31

Naphthalene

Concen: 64.341 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:128 Resp: 1710914

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

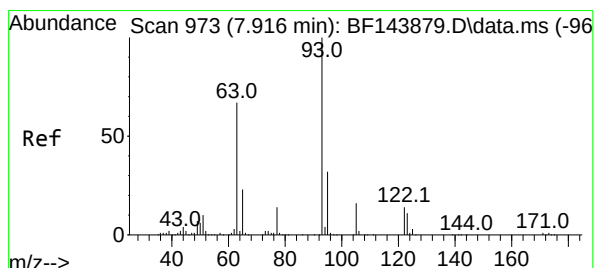
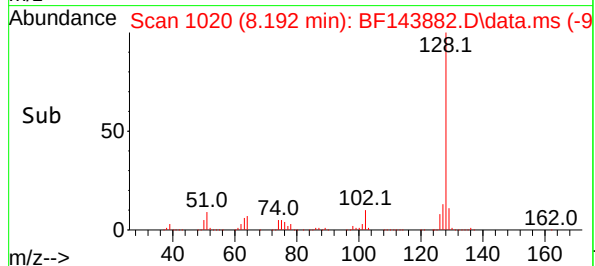
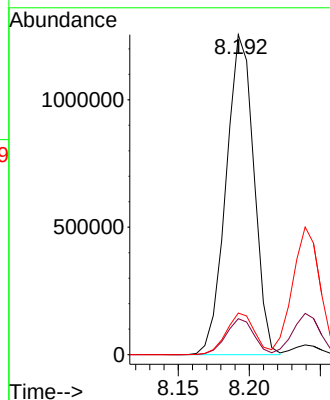
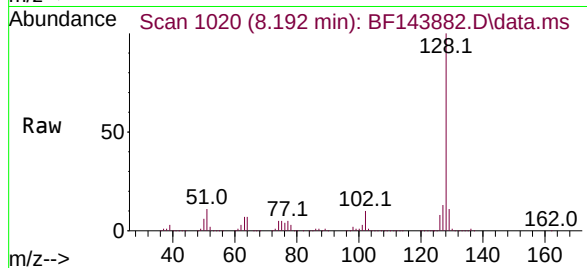
127 13.0 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 94.587 ng m

RT: 7.963 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

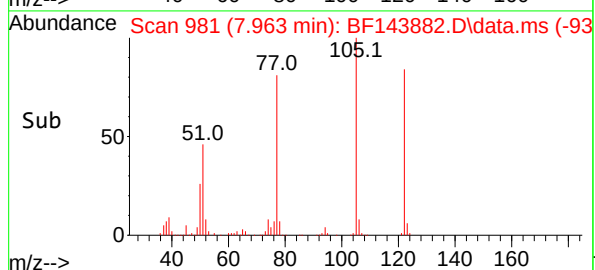
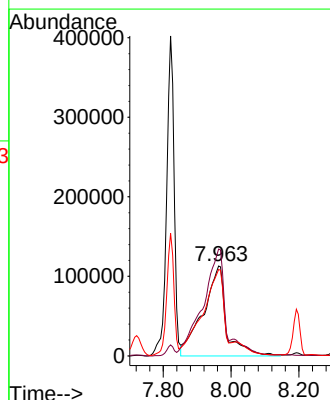
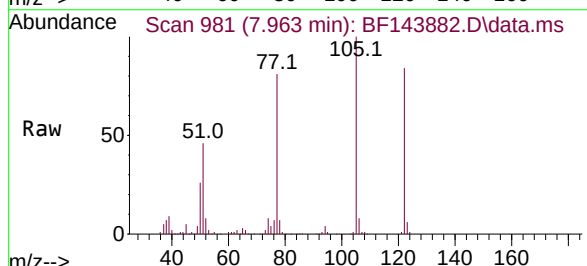
Tgt Ion:122 Resp: 539440

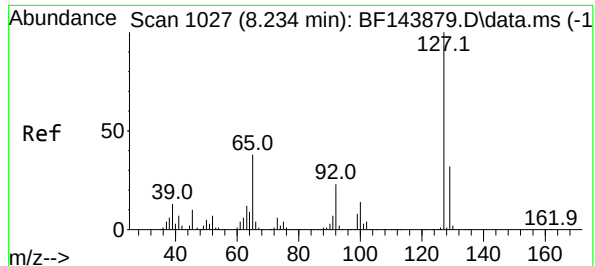
Ion Ratio Lower Upper

122 100

105 118.9 93.5 133.5

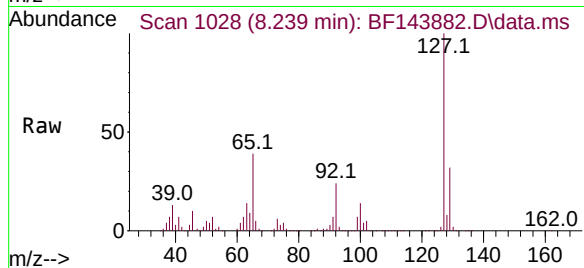
77 96.1 76.3 116.3





#33
4-Chloroaniline
Concen: 69.923 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

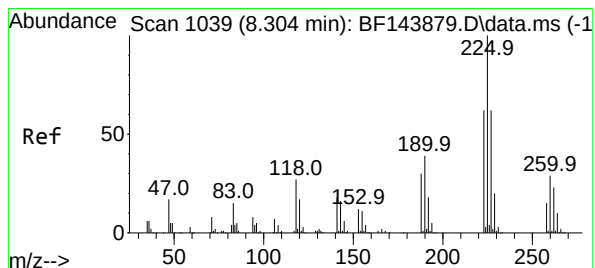
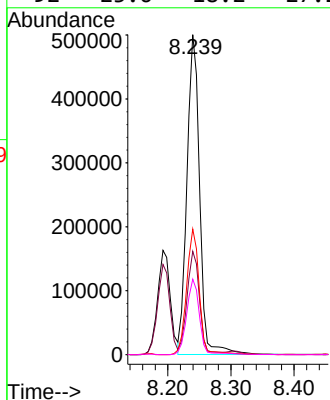
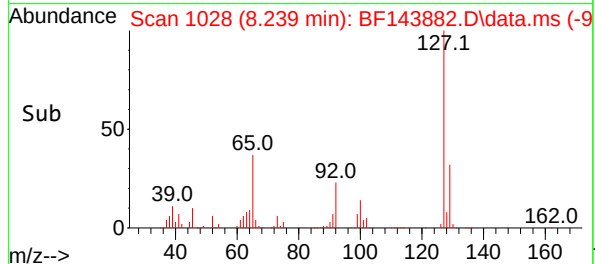
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:127 Resp: 697350
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8
65 39.2 30.0 45.0
92 23.6 18.2 27.2

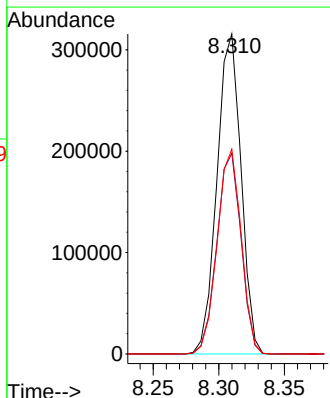
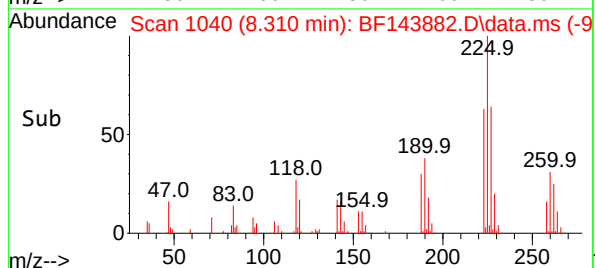
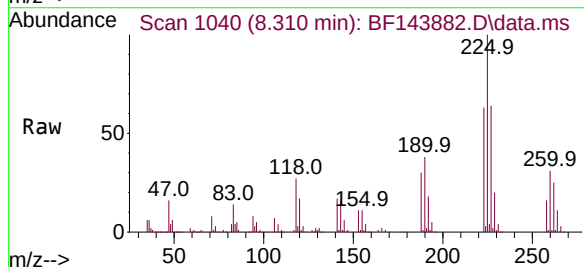
Manual Integrations
APPROVED

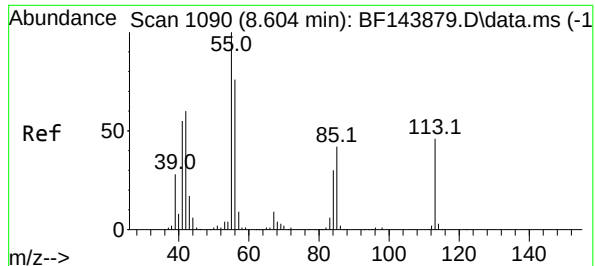
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#34
Hexachlorobutadiene
Concen: 68.974 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

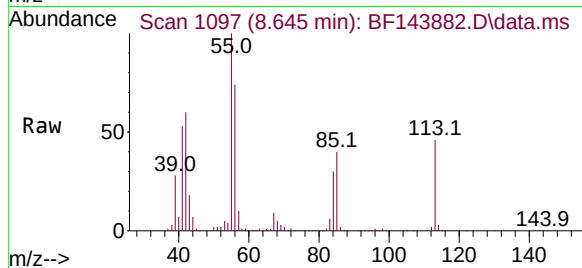
Tgt Ion:225 Resp: 404619
Ion Ratio Lower Upper
225 100
223 62.7 49.4 74.2
227 64.0 49.7 74.5





#35
Caprolactam
Concen: 80.169 ng
RT: 8.645 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

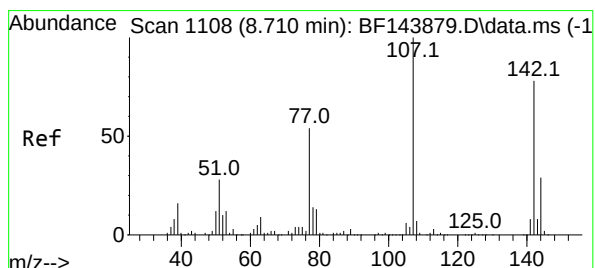
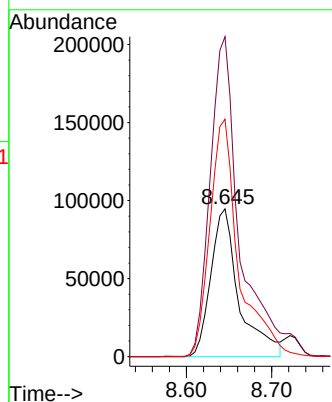
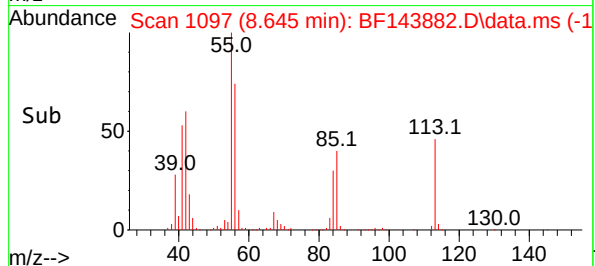
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 21880
Ion Ratio Lower Upper
113 100
55 216.6 199.6 239.6
56 160.6 146.0 186.0

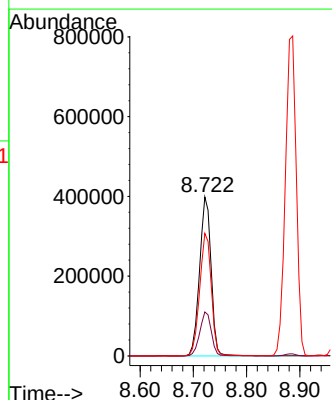
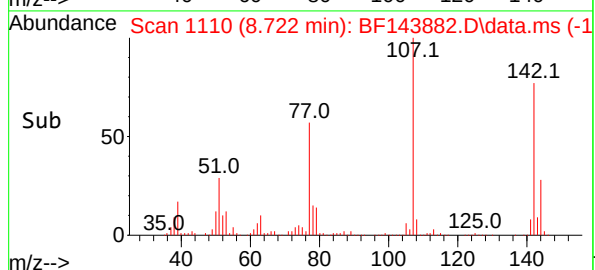
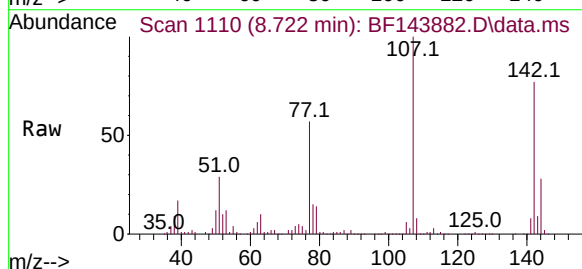
Manual Integrations
APPROVED

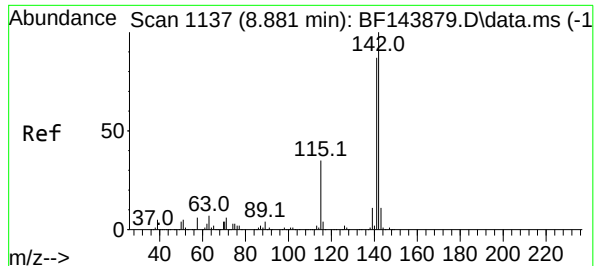
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#36
4-Chloro-3-methylphenol
Concen: 72.601 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

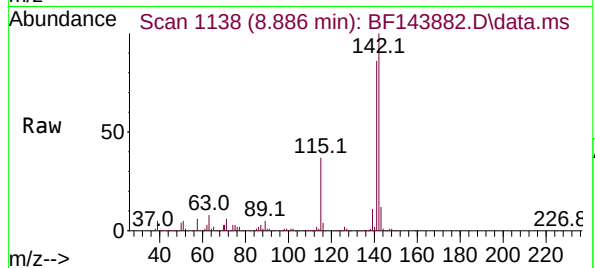
Tgt Ion:107 Resp: 598614
Ion Ratio Lower Upper
107 100
144 27.6 23.1 34.7
142 77.0 62.6 94.0





#37
2-Methylnaphthalene
Concen: 64.254 ng
RT: 8.886 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

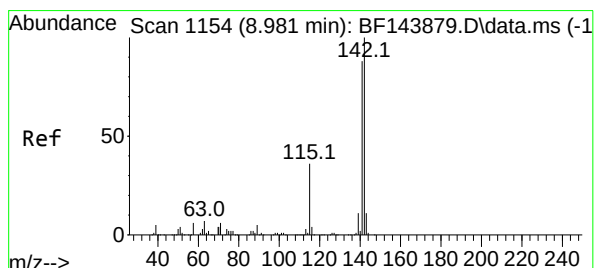
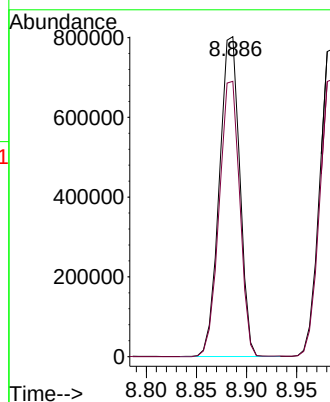
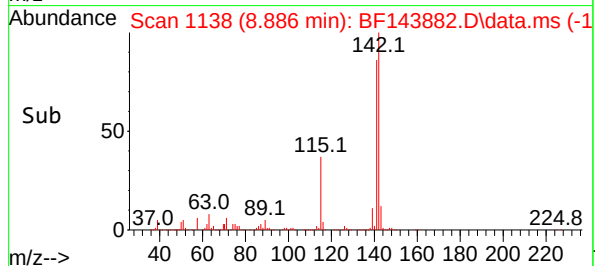
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 1138146
Ion Ratio Lower Upper
142 100
141 86.0 69.2 103.8

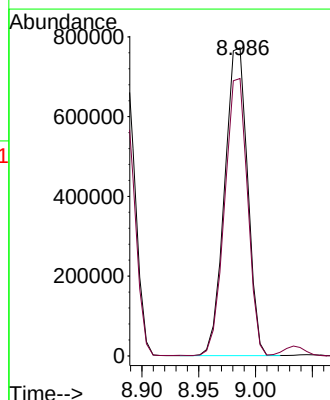
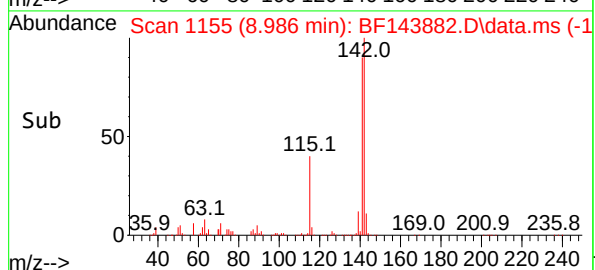
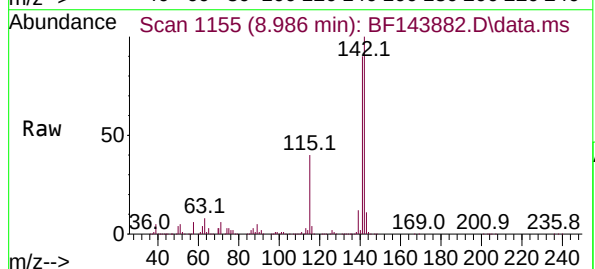
Manual Integrations
APPROVED

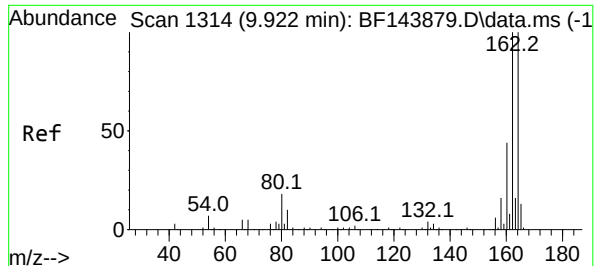
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#38
1-Methylnaphthalene
Concen: 63.318 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:142 Resp: 1087879
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF143882.D

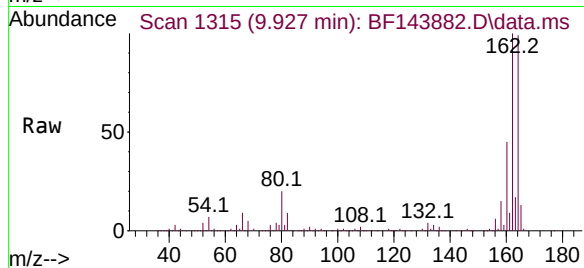
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



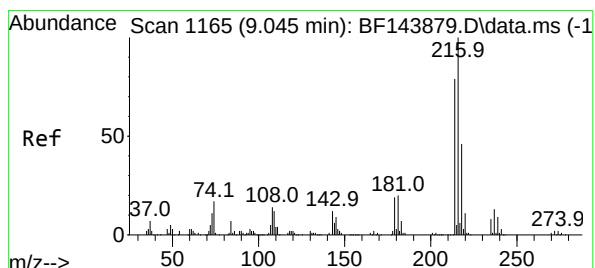
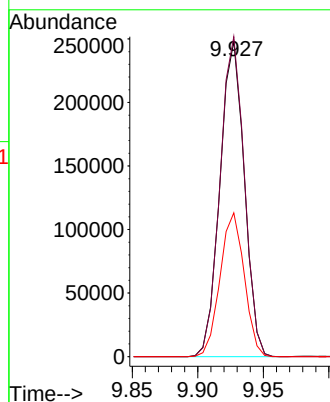
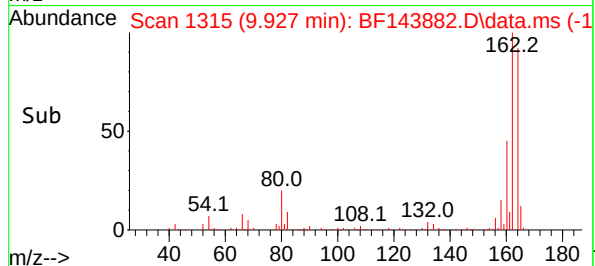
Tgt Ion:	164	Resp:	320335
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.2	120.2
160	45.6	35.4	53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

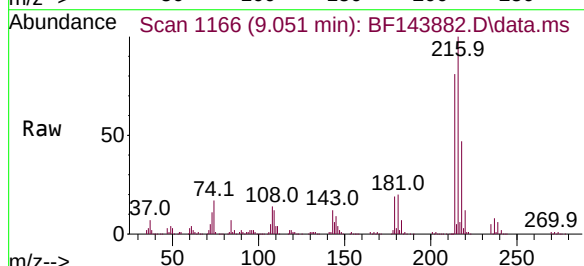
Concen: 67.166 ng

RT: 9.051 min Scan# 1166

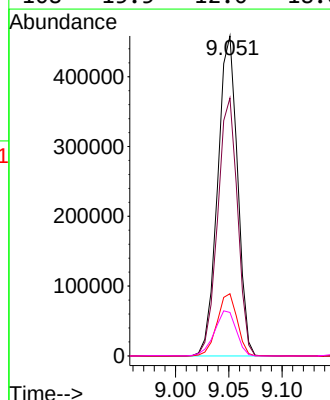
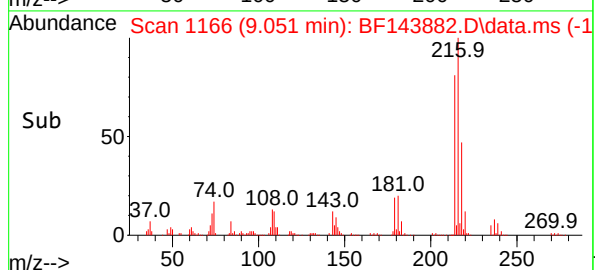
Delta R.T. 0.000 min

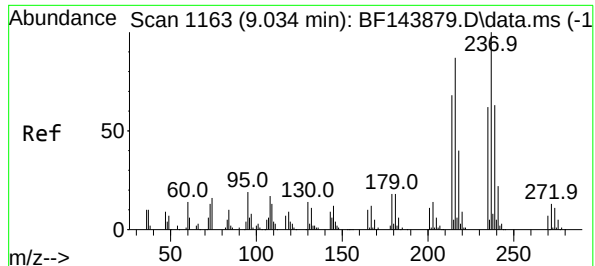
Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



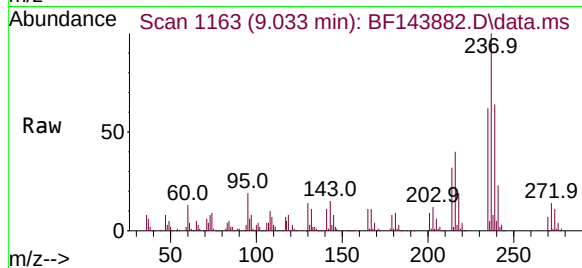
Tgt Ion:	216	Resp:	594660
Ion Ratio	Lower	Upper	
216	100		
214	80.4	62.6	94.0
179	19.6	15.4	23.0
108	15.5	12.0	18.0





#41
Hexachlorocyclopentadiene
Concen: 81.998 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

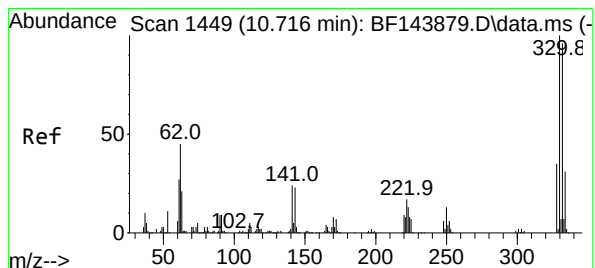
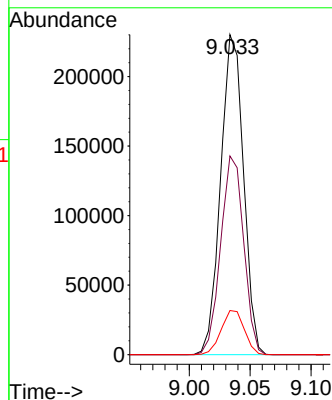
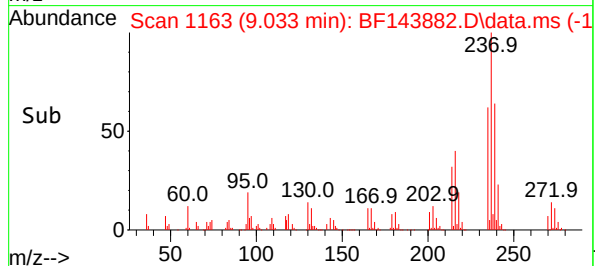
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



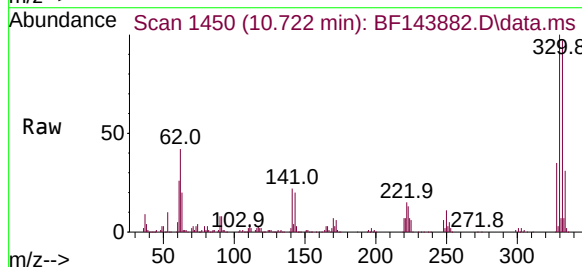
Tgt Ion: 237 Resp: 301178
Ion Ratio Lower Upper
237 100
235 62.1 42.3 82.3
272 13.8 0.0 33.1

Manual Integrations
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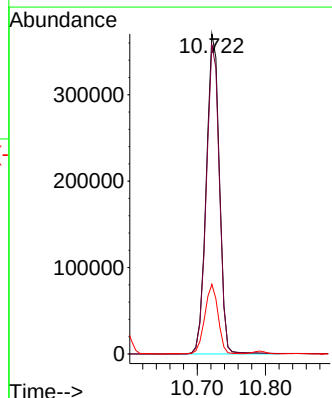
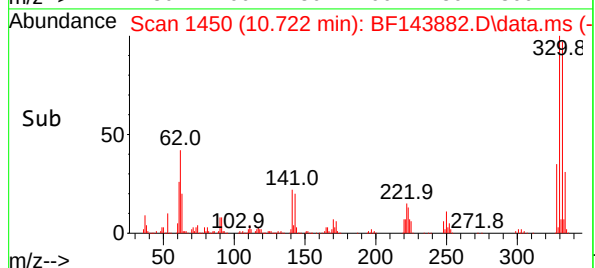
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

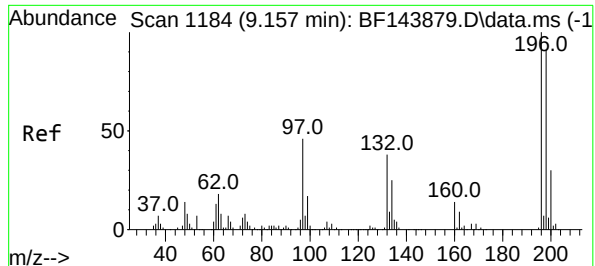


#42
2,4,6-Tribromophenol
Concen: 155.397 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



Tgt Ion: 330 Resp: 495811
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 21.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 74.487 ng

RT: 9.163 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF143882.D

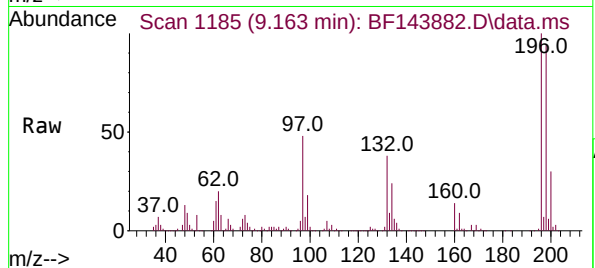
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 481852

Ion Ratio Lower Upper

196 100

198 94.4 72.8 109.2

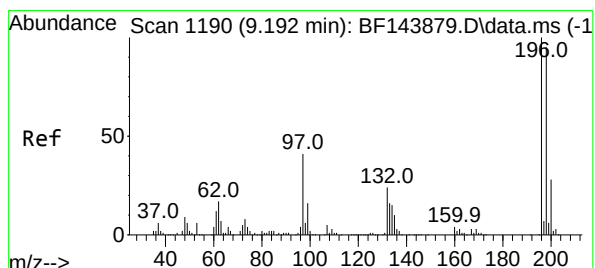
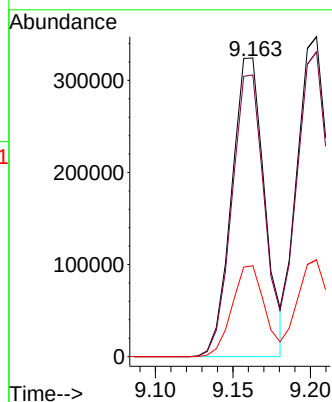
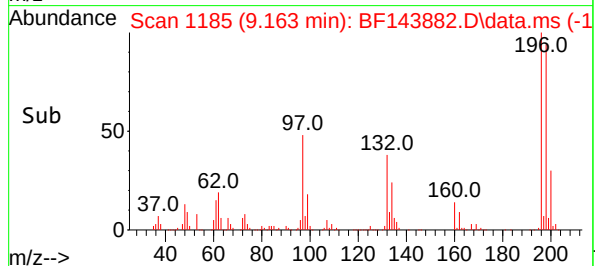
200 30.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

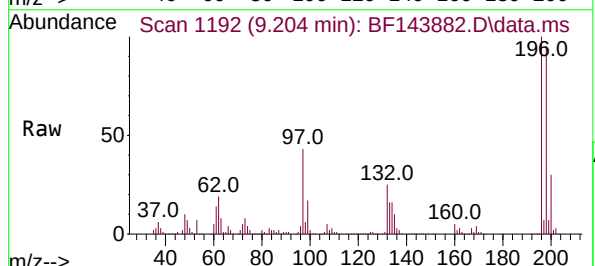
Concen: 71.286 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



Tgt Ion:196 Resp: 487322

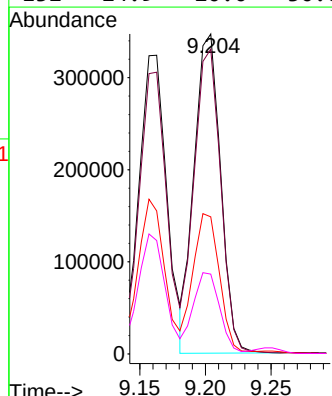
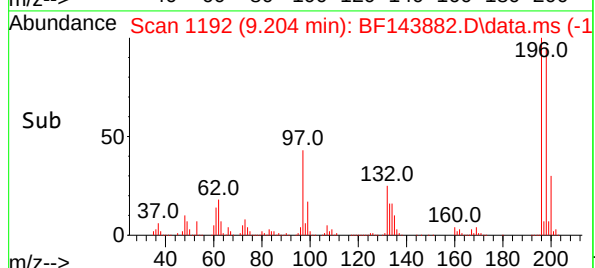
Ion Ratio Lower Upper

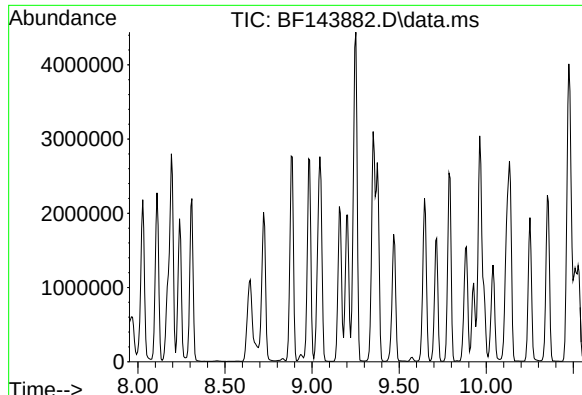
196 100

198 95.2 75.5 113.3

97 42.8 33.9 50.9

132 24.9 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.25 min

Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.2
170 23.3

Instrument :

BNA_F

ClientSampleId :

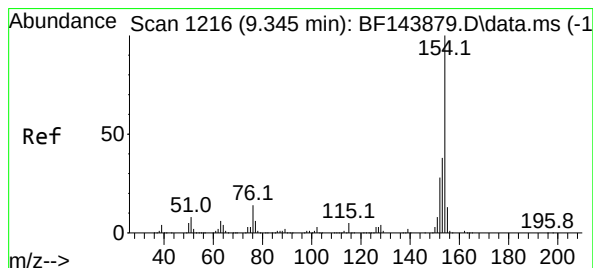
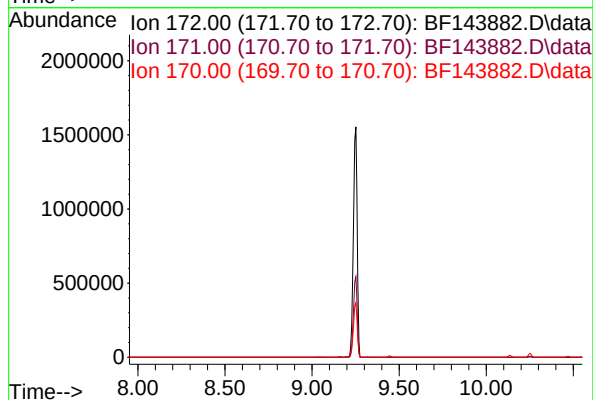
SSTDICC080

Manual Integrations

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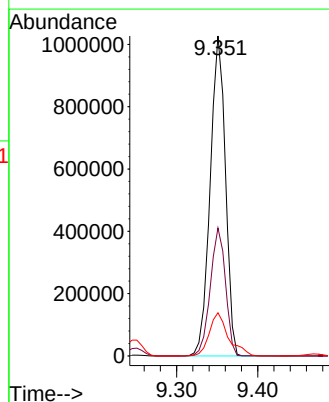
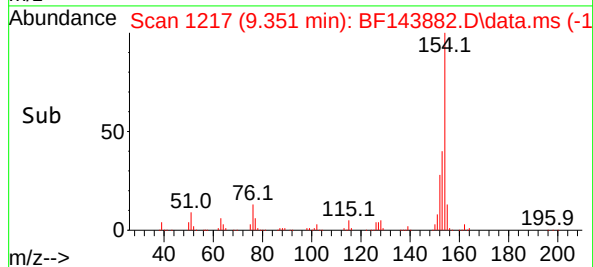
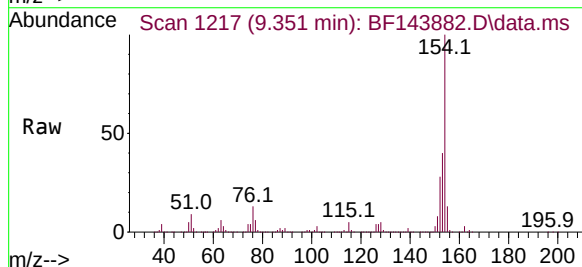
Reviewed By :Rahul Chavli 10/07/2025

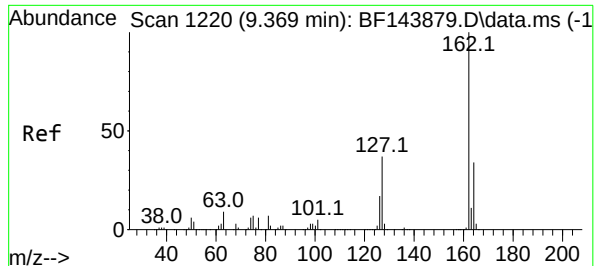
Supervised By :Jagrut Upadhyay 10/07/2025



#46
1,1'-Biphenyl
Concen: 63.407 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:154 Resp: 1344805
Ion Ratio Lower Upper
154 100
153 40.0 18.4 58.4
76 13.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 66.165 ng

RT: 9.375 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 1170019

Ion Ratio Lower Upper

162 100

127 37.1 30.2 45.2

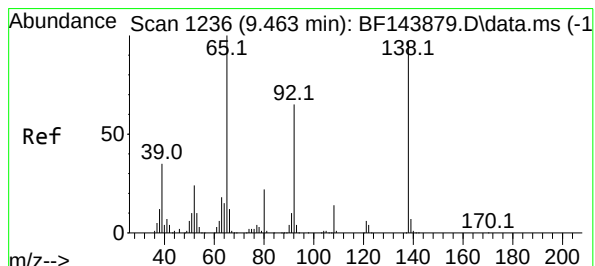
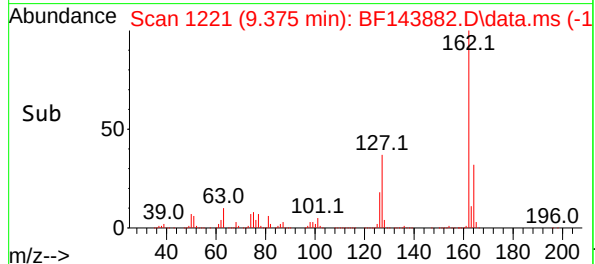
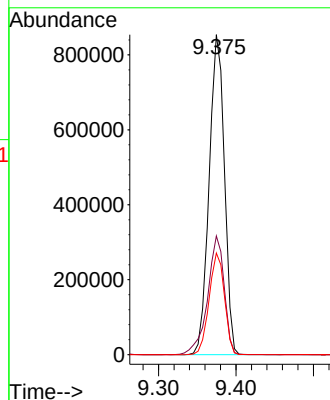
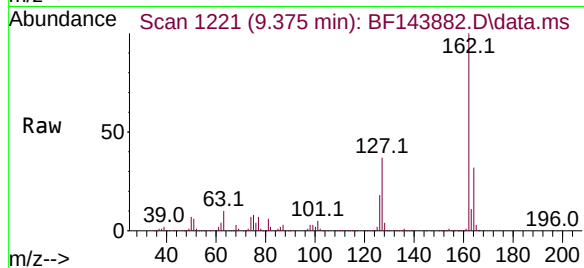
164 31.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

Concen: 79.693 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

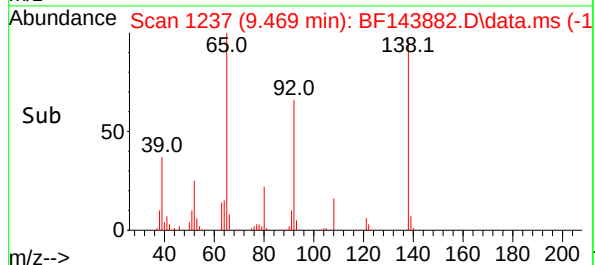
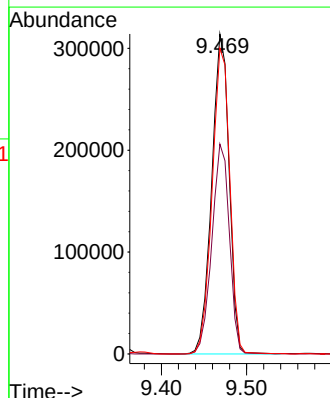
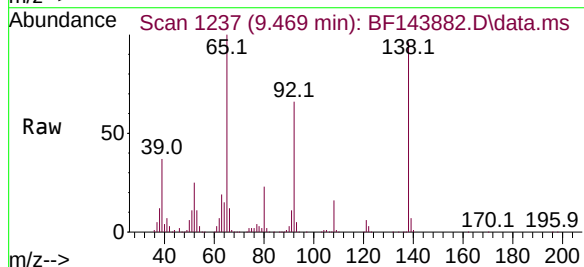
Tgt Ion: 65 Resp: 445537

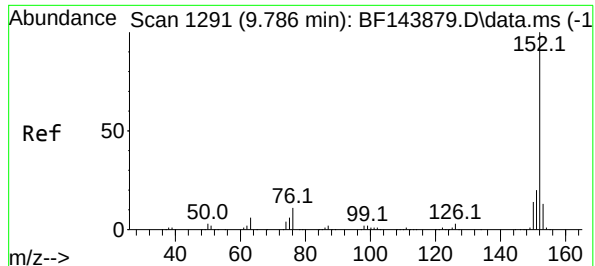
Ion Ratio Lower Upper

65 100

92 65.6 52.1 78.1

138 95.5 77.4 116.2





#49

Acenaphthylene

Concen: 66.159 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143882.D

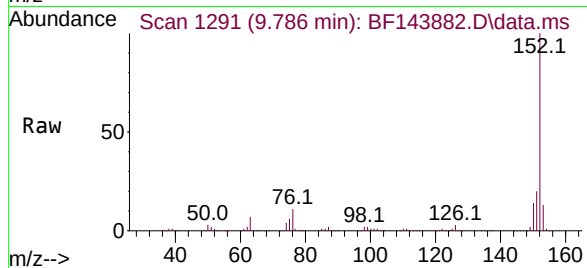
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:152 Resp: 1644728

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

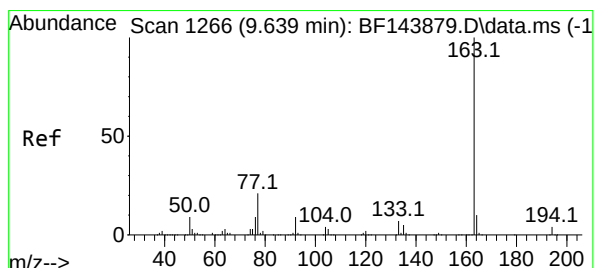
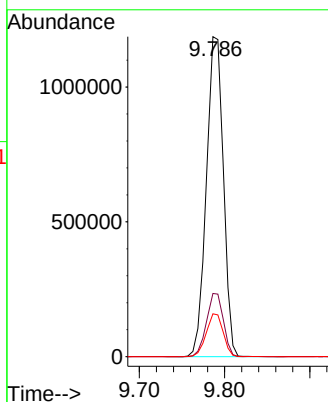
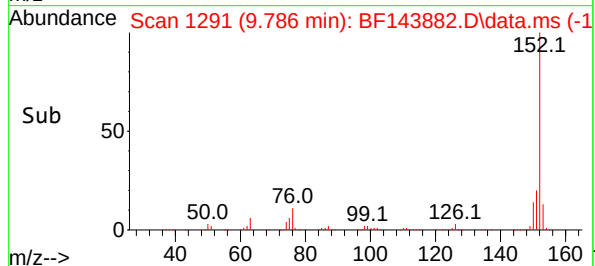
153 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

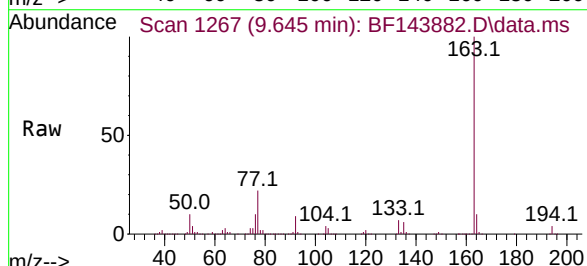
Concen: 69.582 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



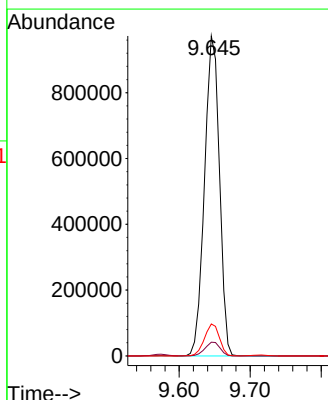
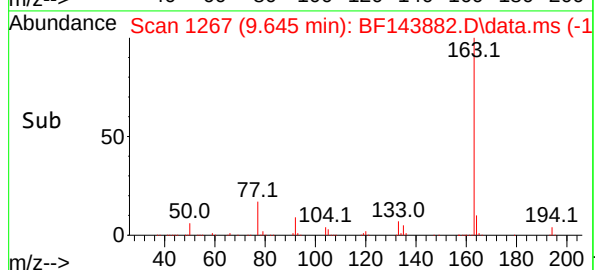
Tgt Ion:163 Resp: 1415482

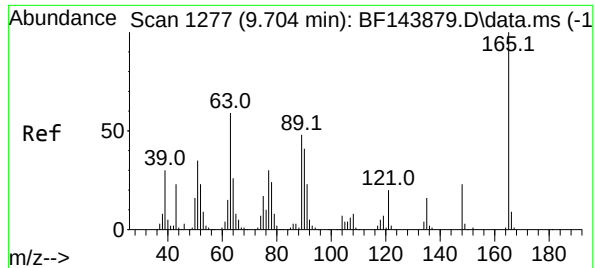
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

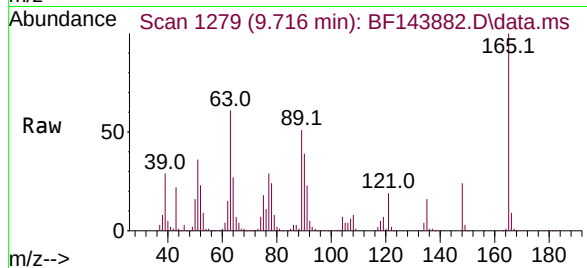
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 80.372 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

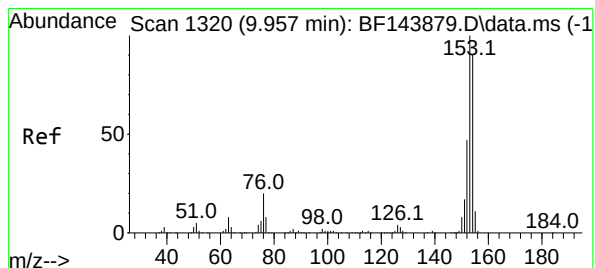
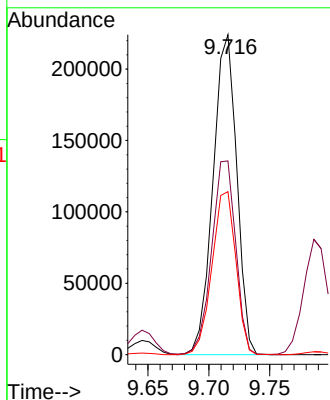
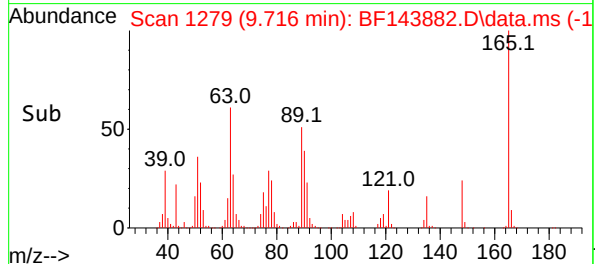
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 303176
Ion Ratio Lower Upper
165 100
63 60.5 47.3 70.9
89 51.0 38.2 57.4

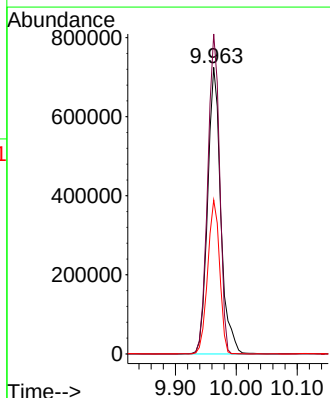
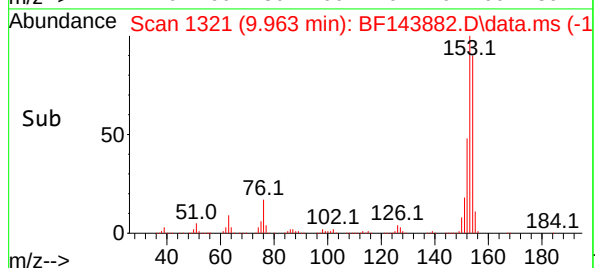
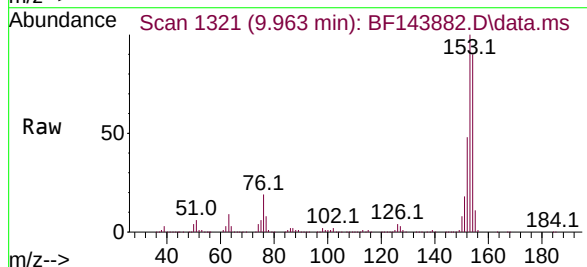
Manual Integrations
APPROVED

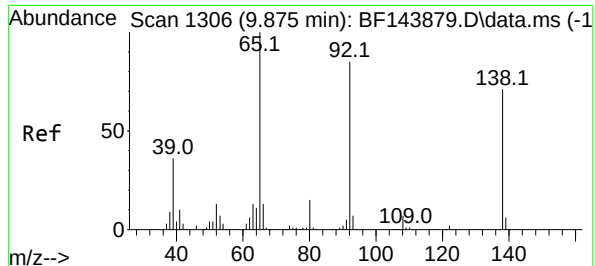
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#52
Acenaphthene
Concen: 66.651 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

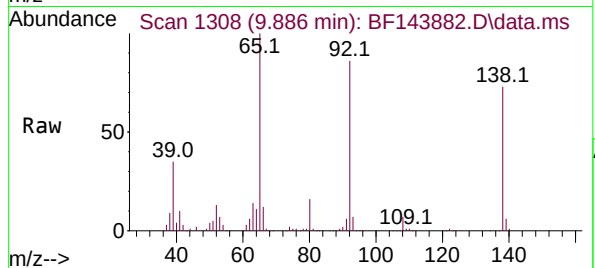
Tgt Ion:154 Resp: 1085733
Ion Ratio Lower Upper
154 100
153 111.7 89.3 133.9
152 53.7 42.2 63.2





#53
3-Nitroaniline
Concen: 79.233 ng
RT: 9.886 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

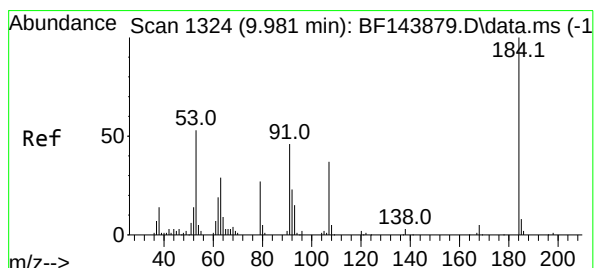
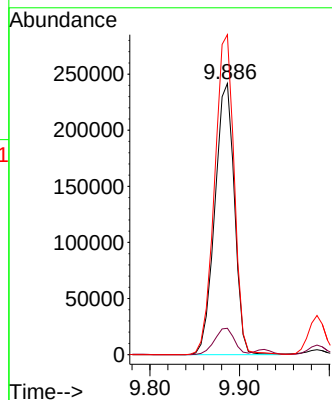
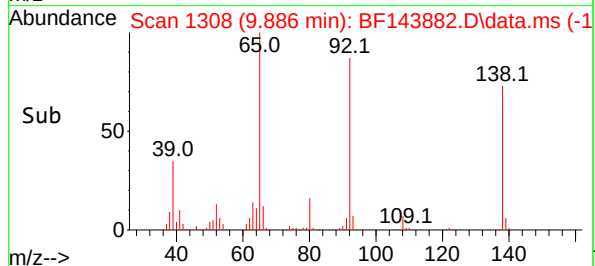
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 365960
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 118.0 96.2 144.2

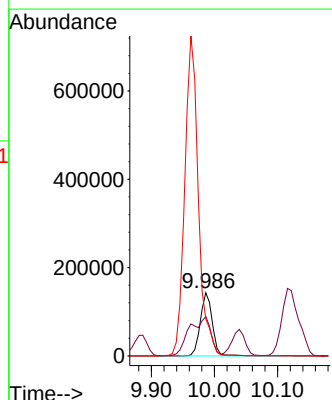
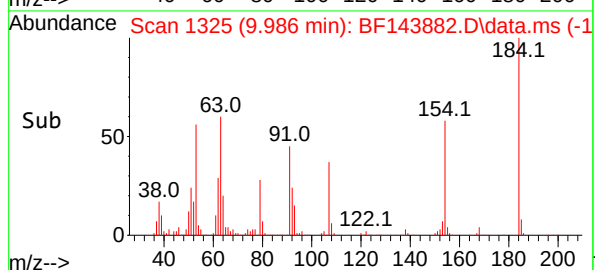
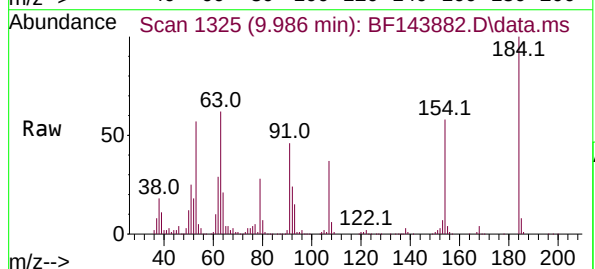
Manual Integrations
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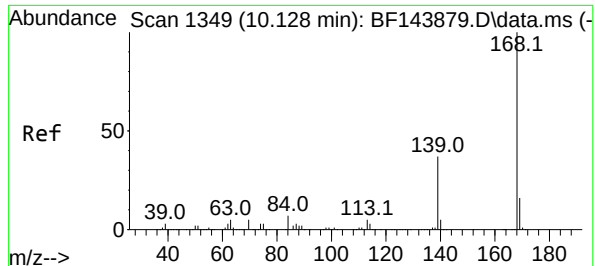
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#54
2,4-Dinitrophenol
Concen: 80.556 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

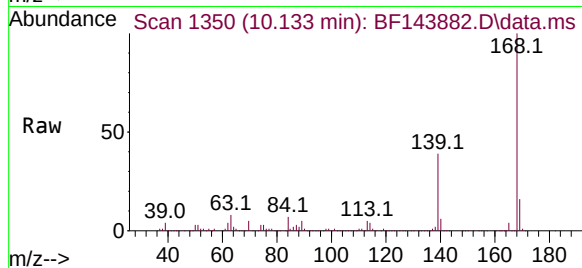
Tgt Ion:184 Resp: 187560
Ion Ratio Lower Upper
184 100
63 62.4 48.2 72.4
154 58.5 49.2 73.8





#55
Dibenzenofuran
Concen: 63.998 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

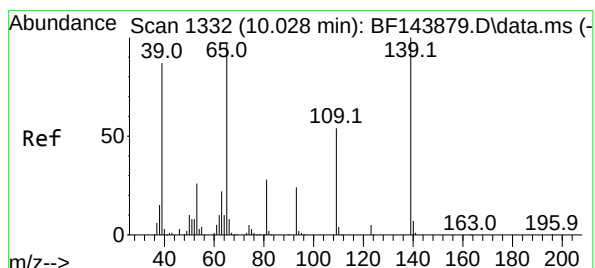
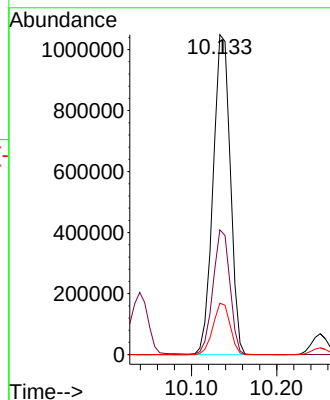
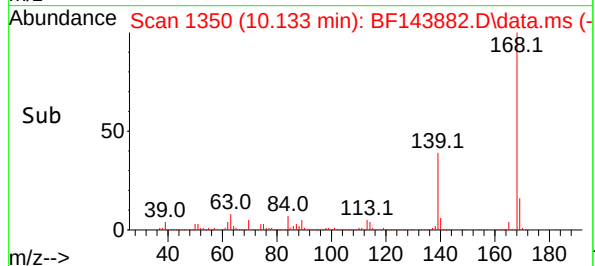
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 1471622
Ion Ratio Lower Upper
168 100
139 39.0 29.8 44.8
169 16.1 12.8 19.2

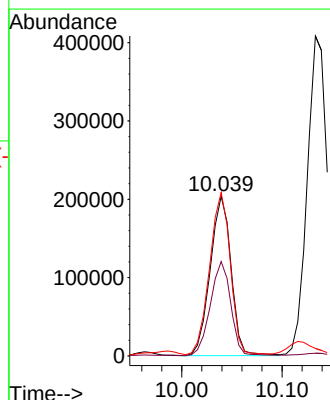
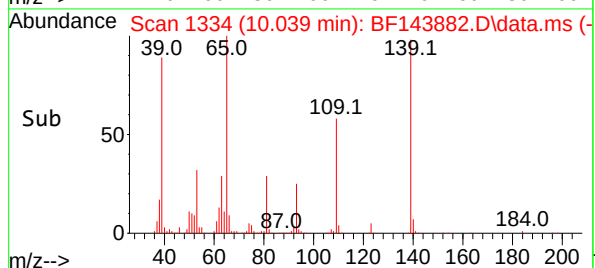
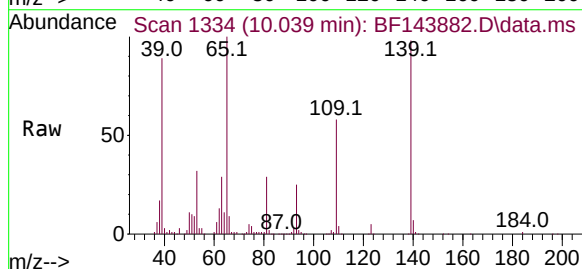
Manual Integrations
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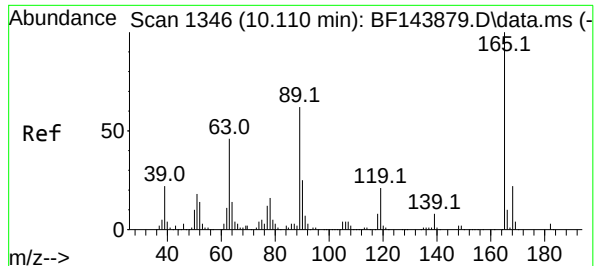
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#56
4-Nitrophenol
Concen: 84.335 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

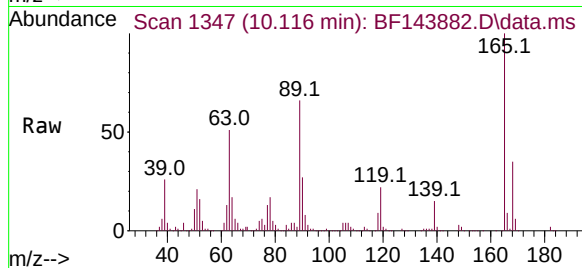
Tgt Ion:139 Resp: 294937
Ion Ratio Lower Upper
139 100
109 59.0 34.5 74.5
65 102.4 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 79.779 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

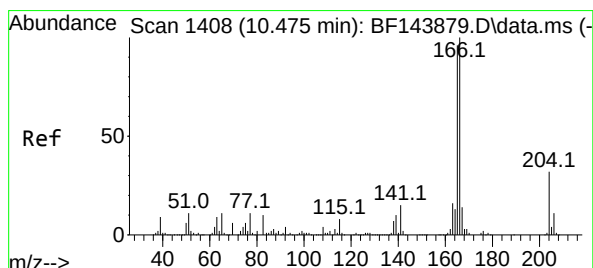
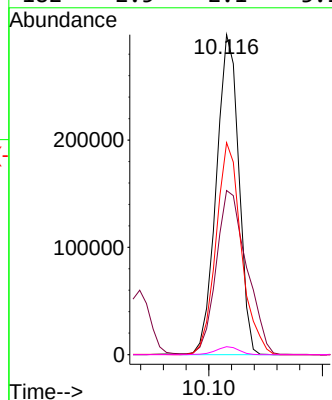
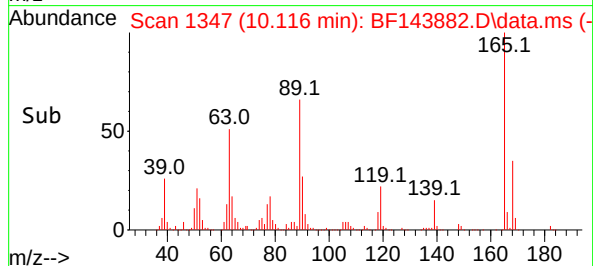
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 409463
Ion Ratio Lower Upper
165 100
63 51.3 37.2 55.8
89 66.2 49.4 74.2
182 2.5 2.1 3.1

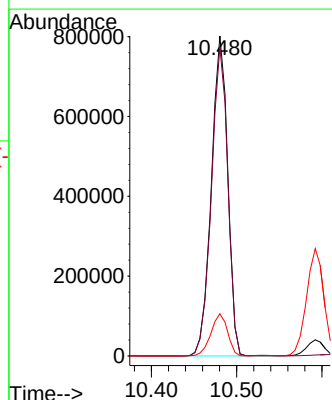
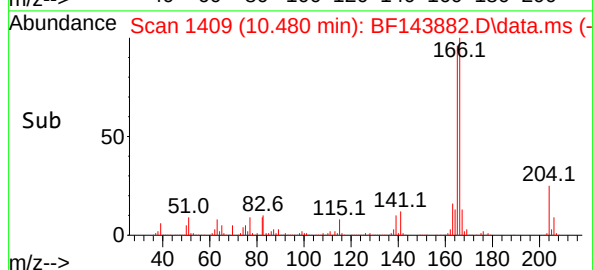
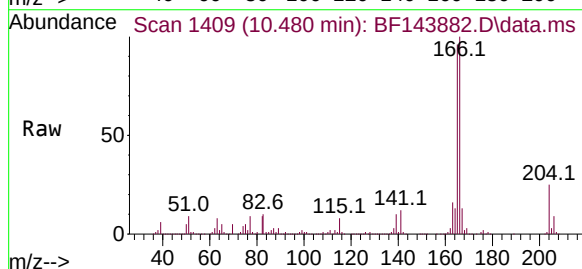
Manual Integrations
APPROVED

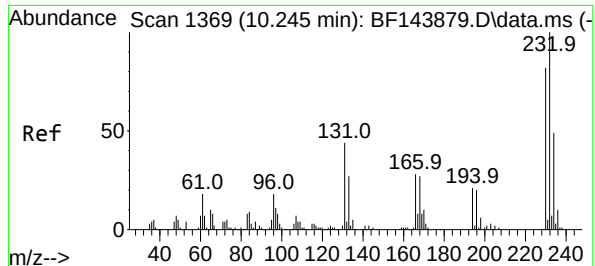
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#58
Fluorene
Concen: 61.654 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

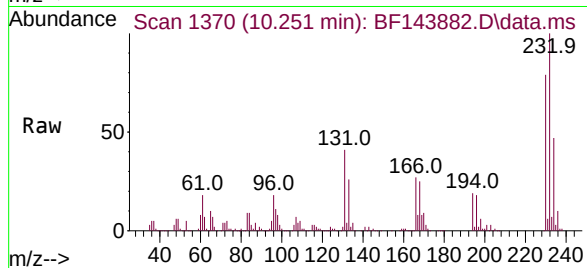
Tgt Ion:166 Resp: 1069764
Ion Ratio Lower Upper
166 100
165 96.4 77.0 115.6
167 13.2 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 76.170 ng
RT: 10.251 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

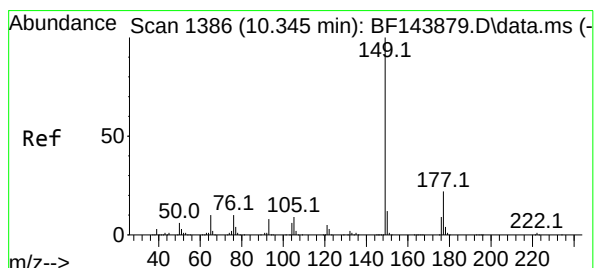
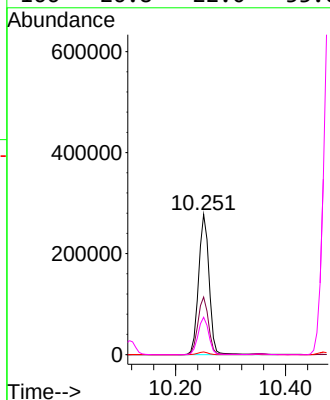
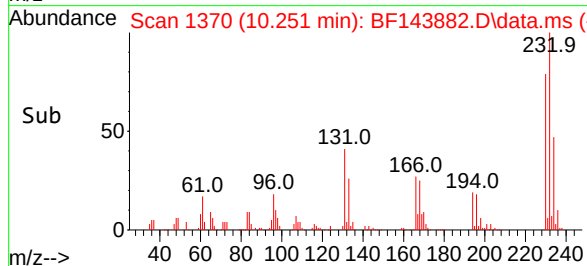
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:232 Resp: 368599
Ion Ratio Lower Upper
232 100
131 41.5 34.9 52.3
130 1.8 1.6 2.4
166 26.8 22.0 33.0

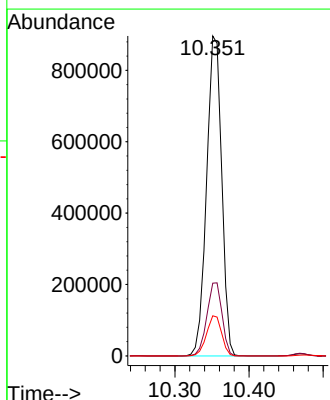
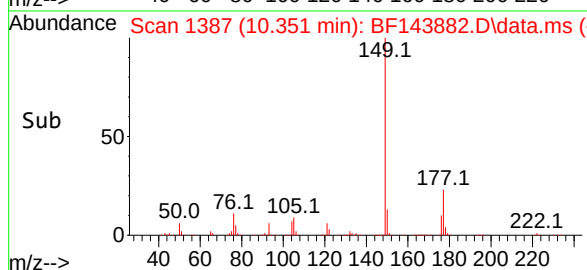
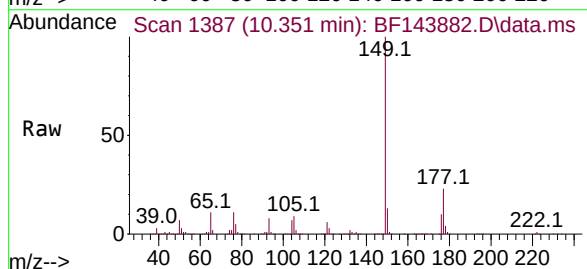
Manual Integrations
APPROVED

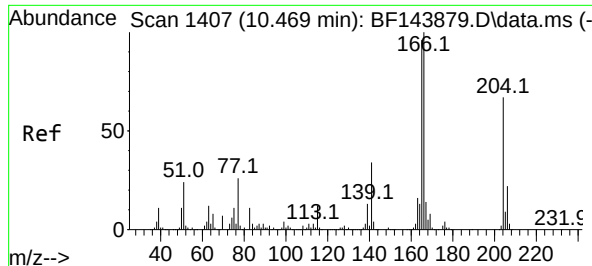
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#60
Diethylphthalate
Concen: 67.047 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

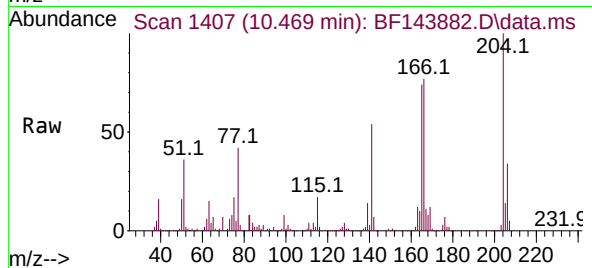
Tgt Ion:149 Resp: 1267085
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 62.357 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

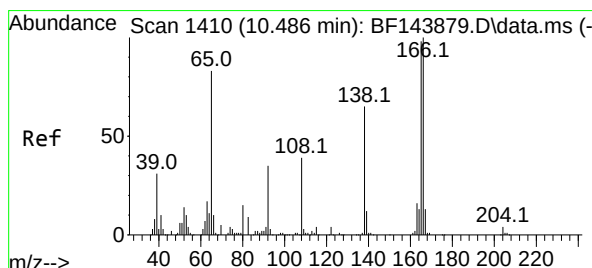
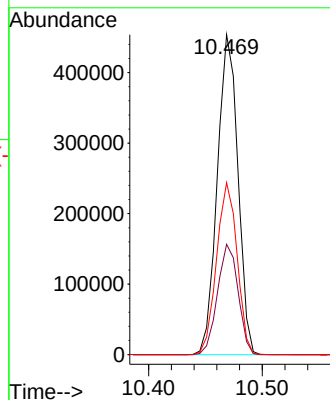
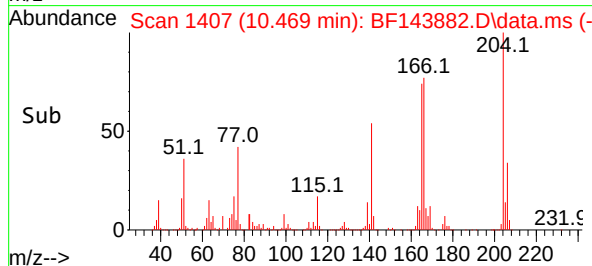
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



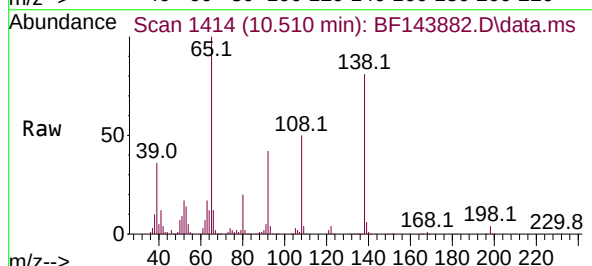
Tgt Ion:204 Resp: 572035
Ion Ratio Lower Upper
204 100
206 34.5 26.6 40.0
141 53.7 40.4 60.6

Manual Integrations
APPROVED

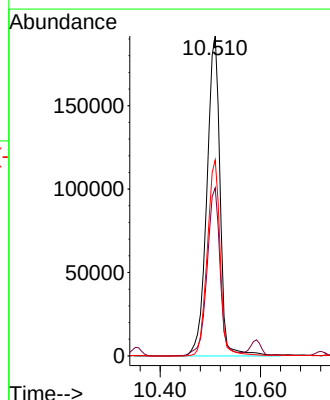
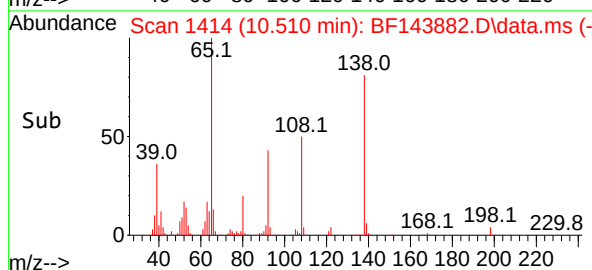
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

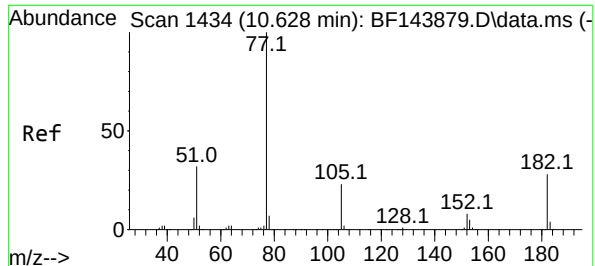


#62
4-Nitroaniline
Concen: 79.169 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



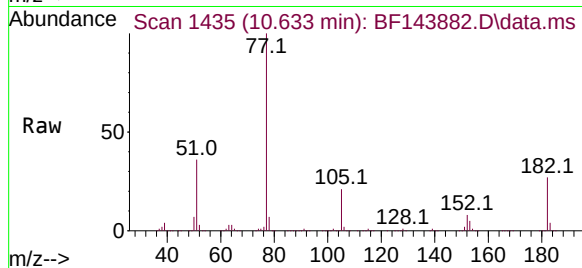
Tgt Ion:138 Resp: 351634
Ion Ratio Lower Upper
138 100
92 52.5 33.9 73.9
108 61.3 40.2 80.2





#63
Azobenzene
Concen: 68.446 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

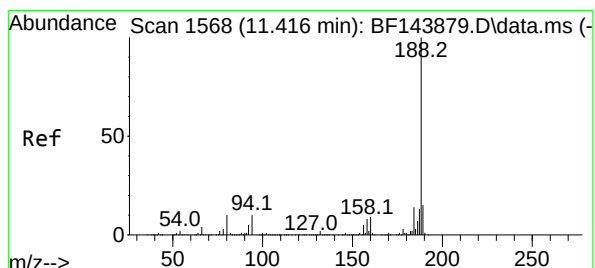
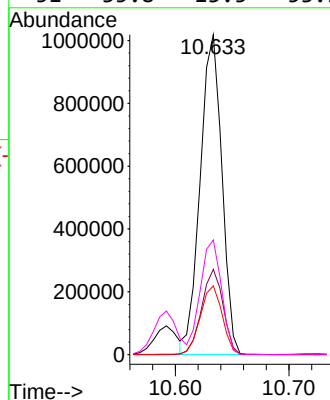
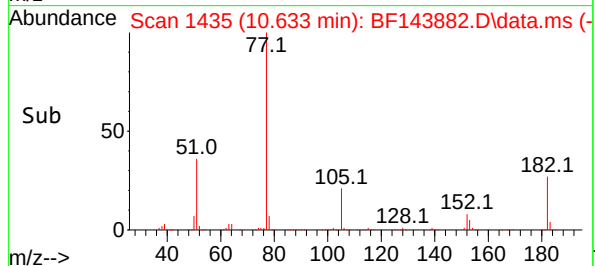
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 1351920
Ion Ratio Lower Upper
77 100
182 26.7 7.3 47.3
105 21.5 3.0 43.0
51 35.8 13.5 53.5

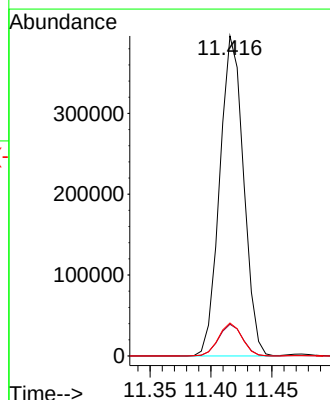
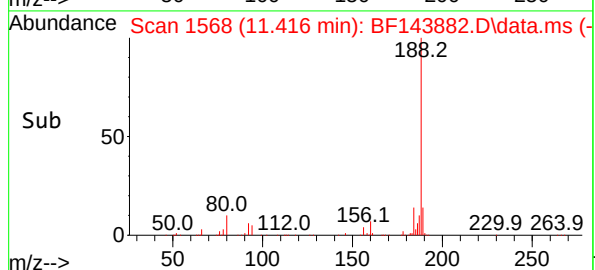
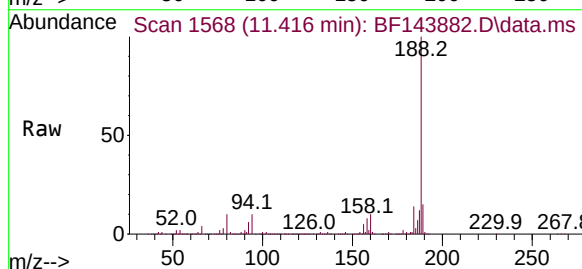
Manual Integrations
APPROVED

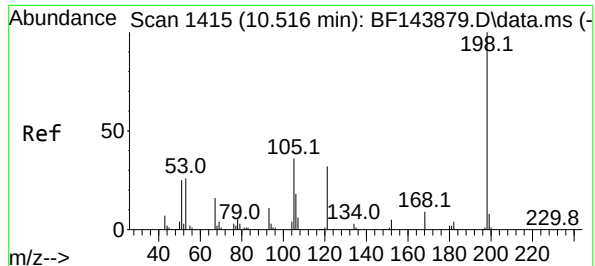
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

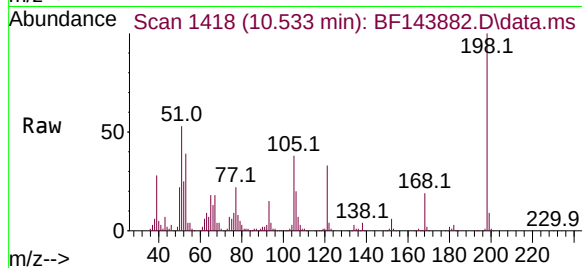
Tgt Ion:188 Resp: 540366
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.3 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 87.227 ng
RT: 10.533 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

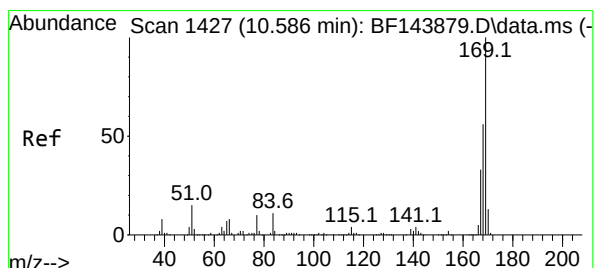
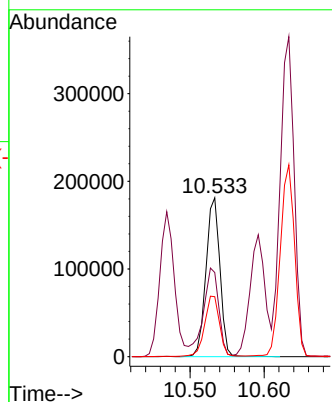
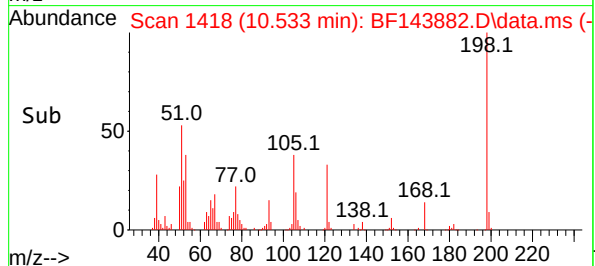
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:198 Resp: 236863
Ion Ratio Lower Upper
198 100
51 53.0 33.8 73.8
105 37.7 17.0 57.0

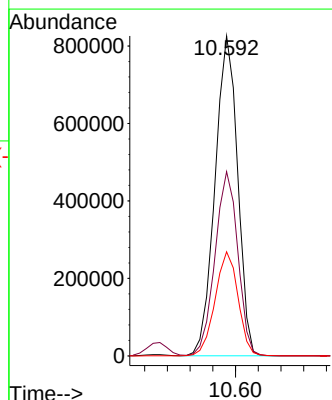
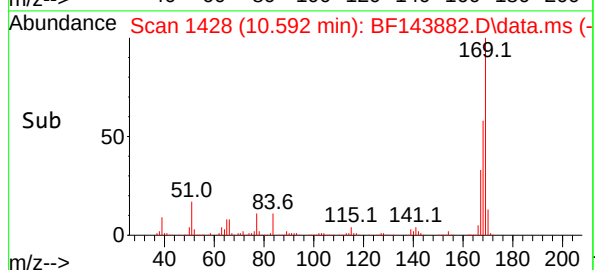
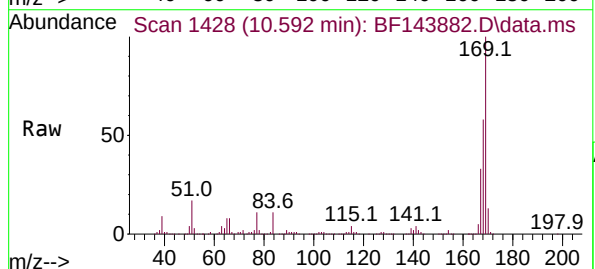
Manual Integrations
APPROVED

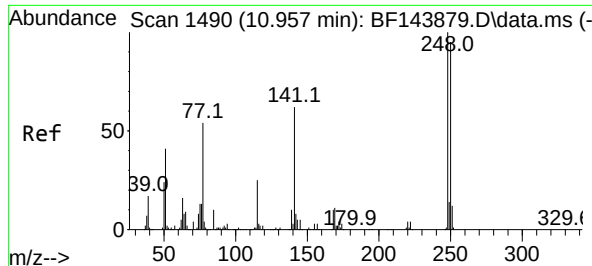
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#66
n-Nitrosodiphenylamine
Concen: 67.159 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:169 Resp: 1139482
Ion Ratio Lower Upper
169 100
168 57.6 44.9 67.3
167 32.5 26.3 39.5





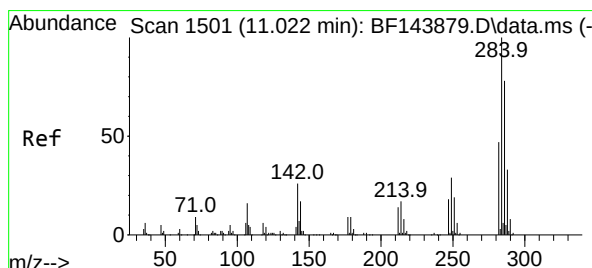
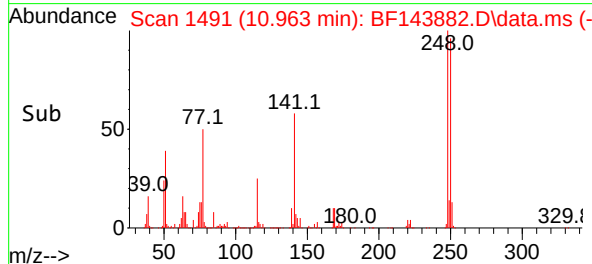
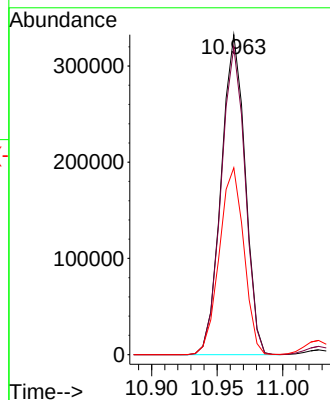
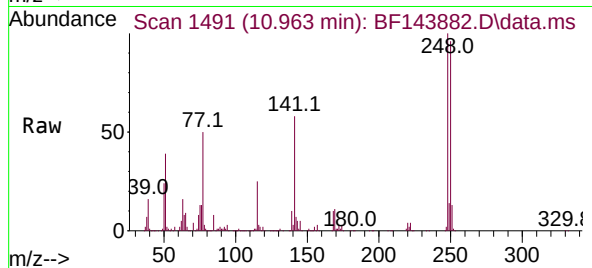
#67
4-Bromophenyl-phenylether
Concen: 70.857 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 423148
Ion Ratio Lower Upper
248 100
250 96.2 76.3 114.5
141 58.4 49.7 74.5

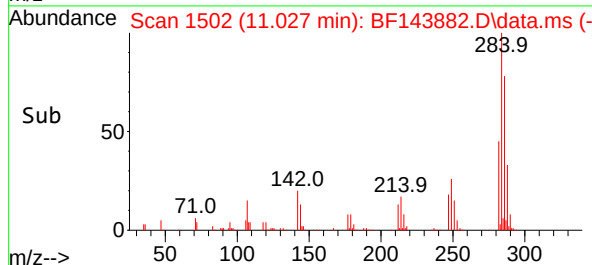
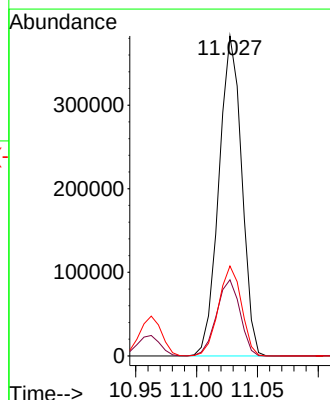
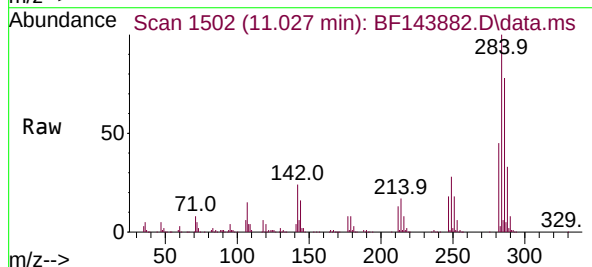
Manual Integrations
APPROVED

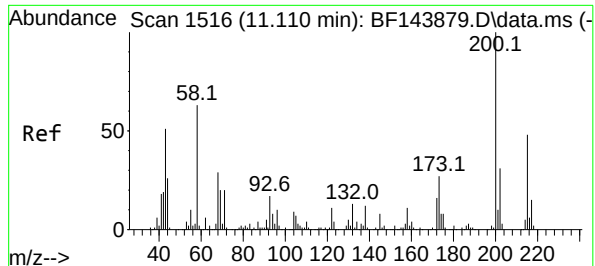
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#68
Hexachlorobenzene
Concen: 72.118 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

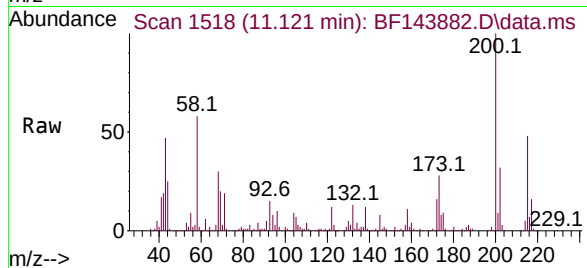
Tgt Ion:284 Resp: 498602
Ion Ratio Lower Upper
284 100
142 23.8 20.6 30.8
249 28.1 23.2 34.8





#69
Atrazine
Concen: 67.621 ng
RT: 11.121 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

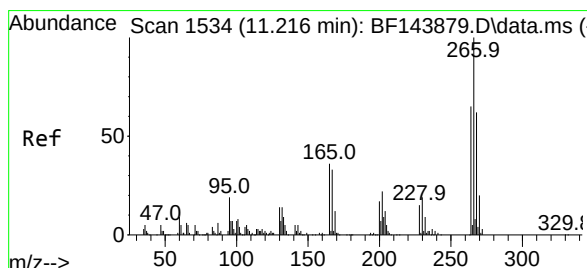
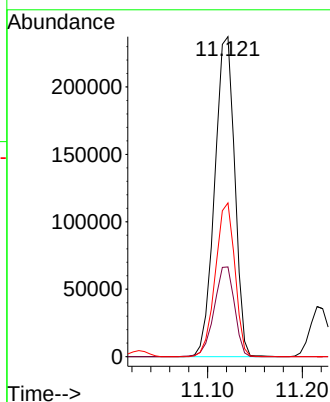
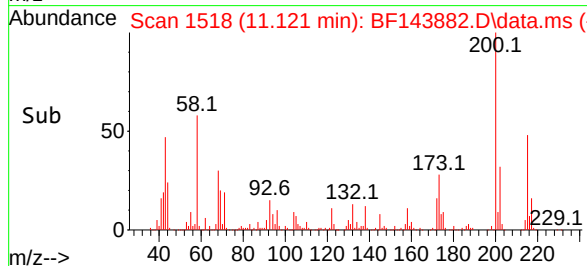
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



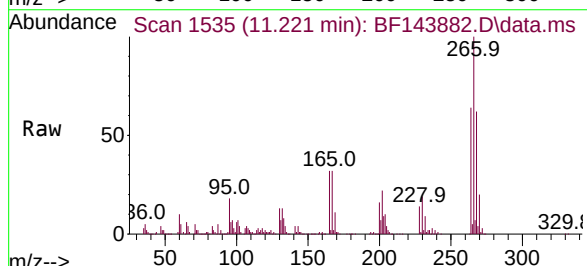
Tgt Ion:200 Resp: 347749
Ion Ratio Lower Upper
200 100
173 28.0 7.0 47.0
215 48.0 27.8 67.8

Manual Integrations
APPROVED

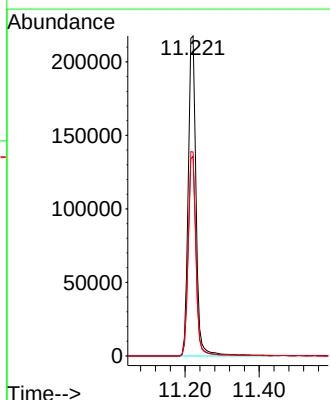
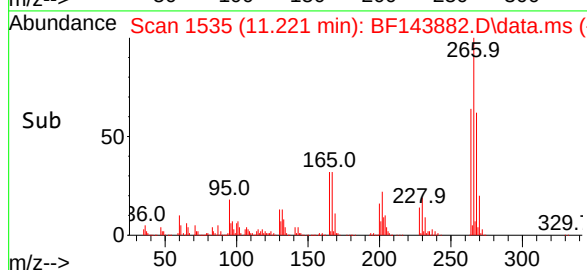
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

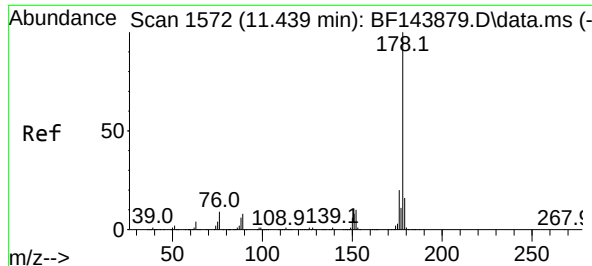


#70
Pentachlorophenol
Concen: 80.208 ng
RT: 11.221 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



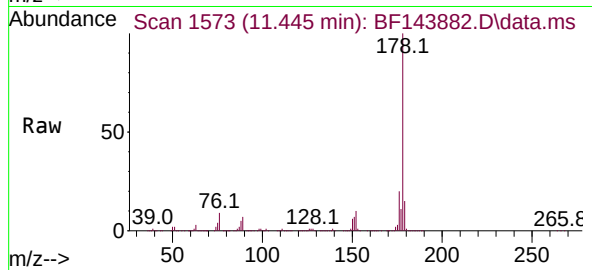
Tgt Ion:266 Resp: 318486
Ion Ratio Lower Upper
266 100
268 62.3 49.4 74.0
264 63.7 51.8 77.6





#71
Phenanthrene
Concen: 63.980 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

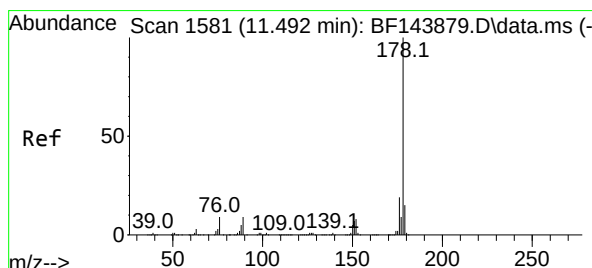
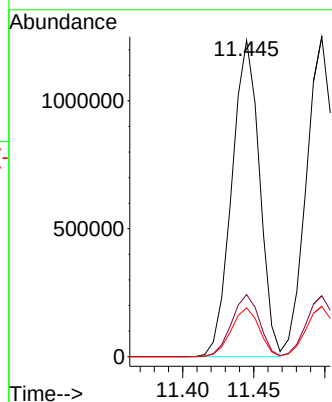
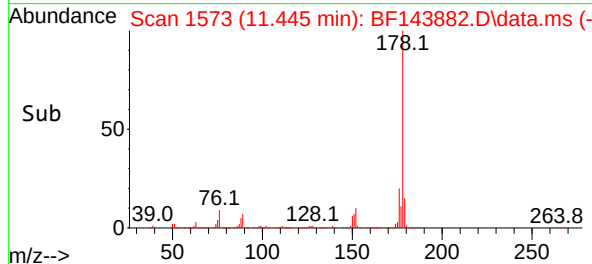
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 1676081
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.4 12.4 18.6

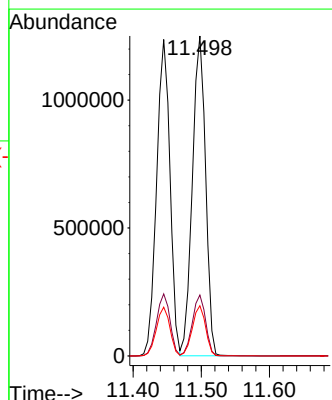
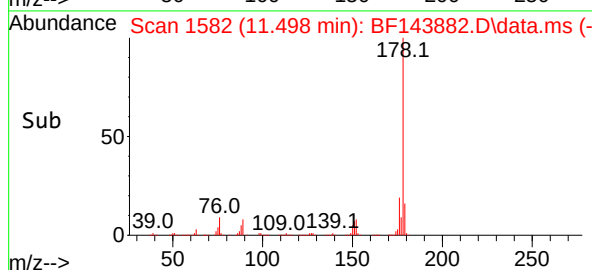
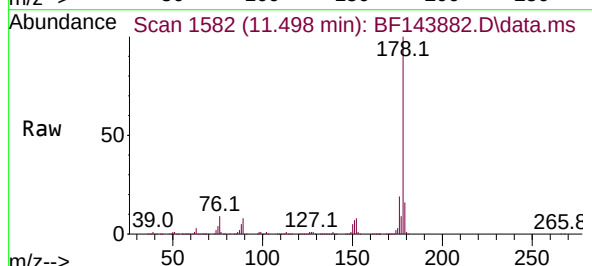
Manual Integrations
APPROVED

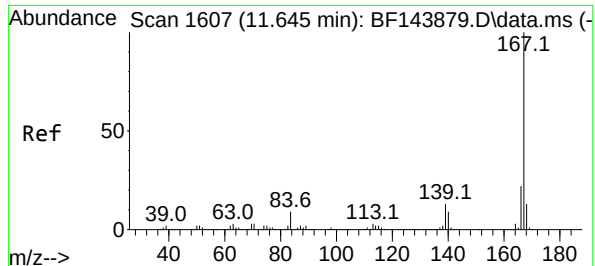
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#72
Anthracene
Concen: 63.814 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

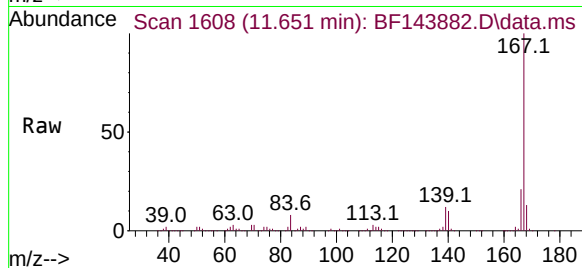
Tgt Ion:178 Resp: 1688865
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.7 12.2 18.2





#73
Carbazole
Concen: 64.832 ng
RT: 11.651 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

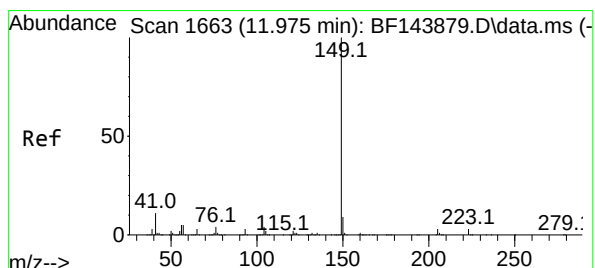
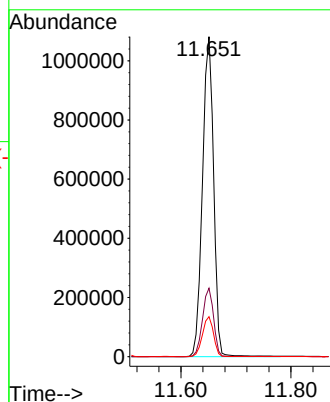
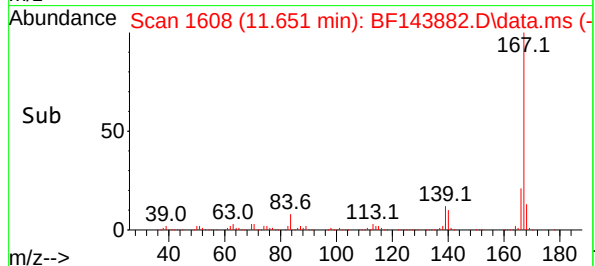
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



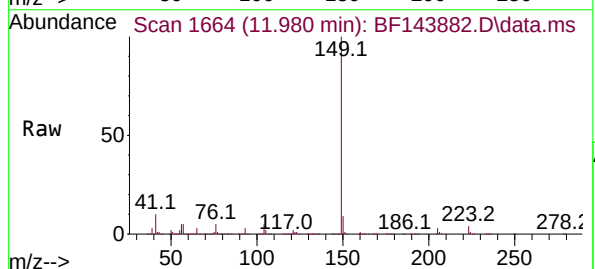
Tgt Ion:167 Resp: 1519615
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.5 10.1 15.1

Manual Integrations
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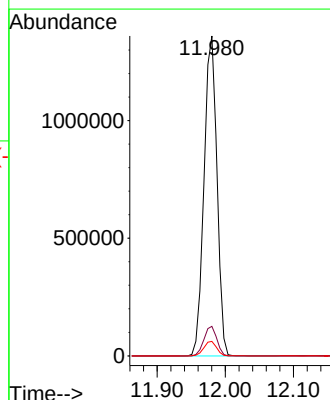
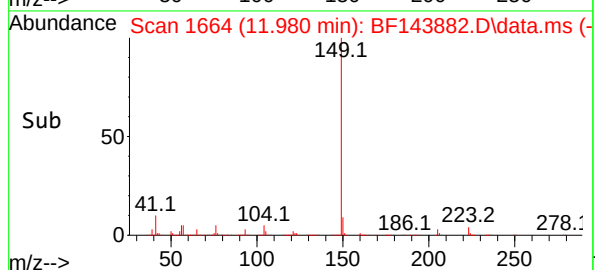
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

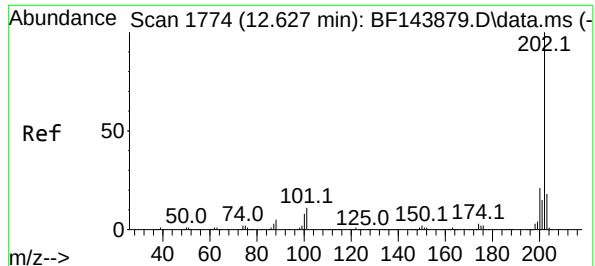


#74
Di-n-butylphthalate
Concen: 66.034 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



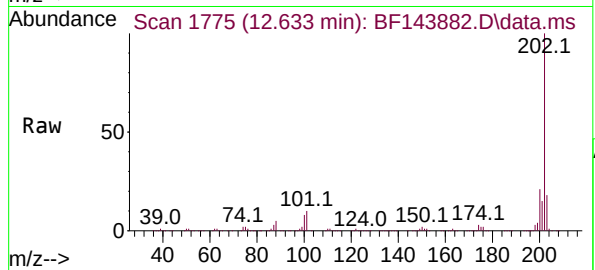
Tgt Ion:149 Resp: 1793855
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.5 3.4 5.2





#75
Fluoranthene
Concen: 63.059 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

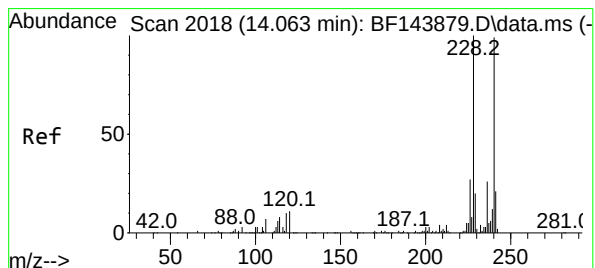
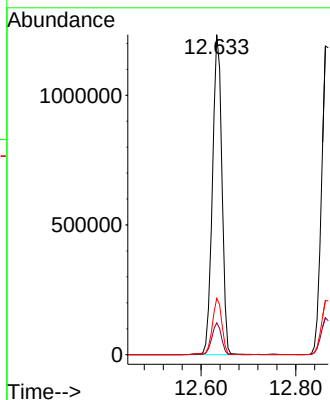
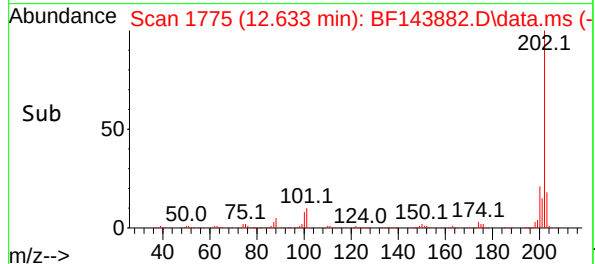
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1706368
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 17.6 0.0 37.8

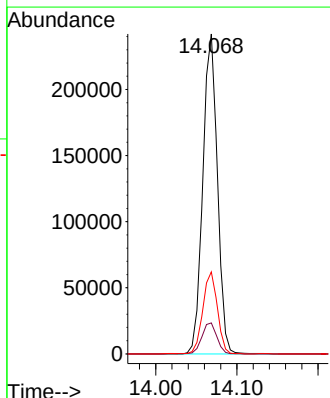
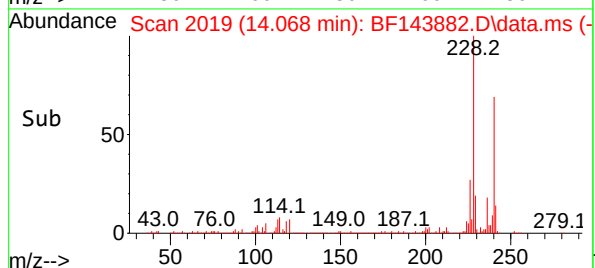
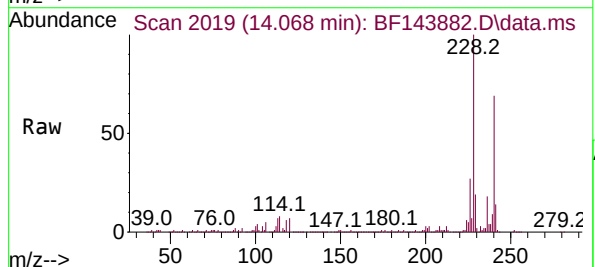
Manual Integrations
APPROVED

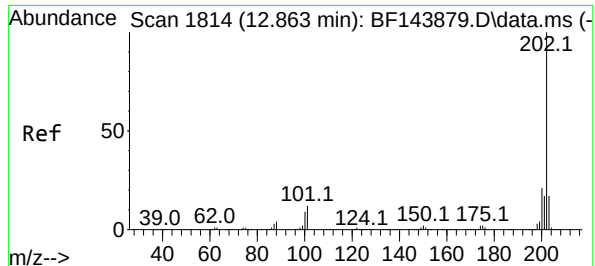
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

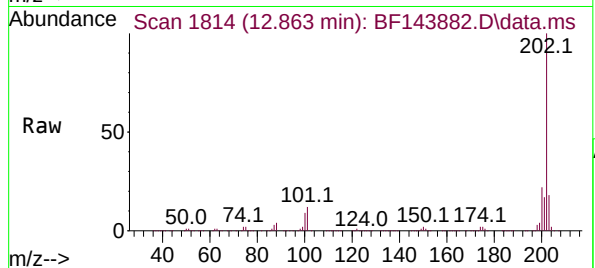
Tgt Ion:240 Resp: 302500
Ion Ratio Lower Upper
240 100
120 9.7 8.6 13.0
236 25.6 21.1 31.7





#78
Pyrene
Concen: 68.126 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

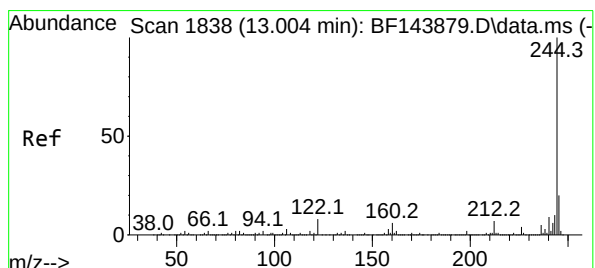
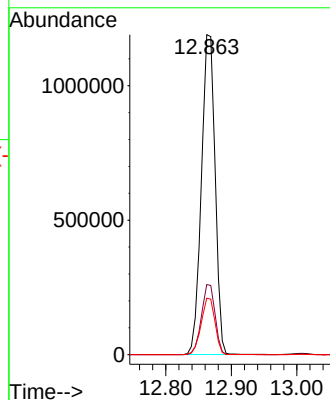
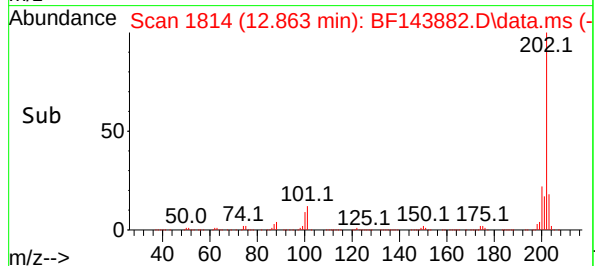
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1718085
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.6
203 17.6 13.8 20.6

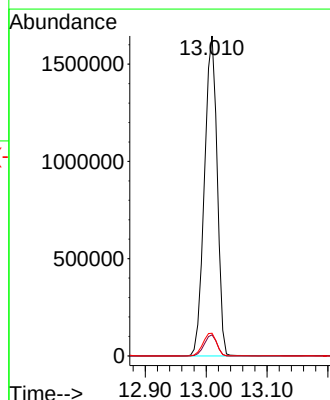
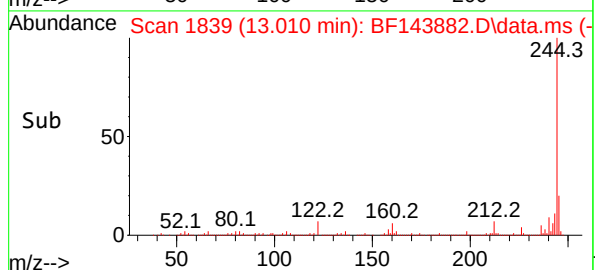
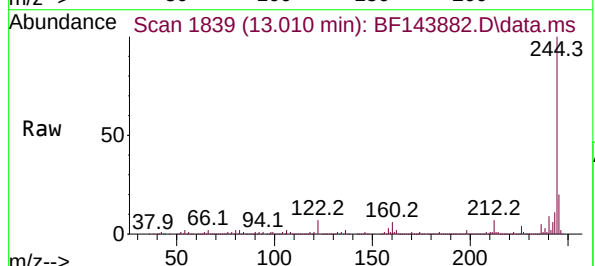
Manual Integrations
APPROVED

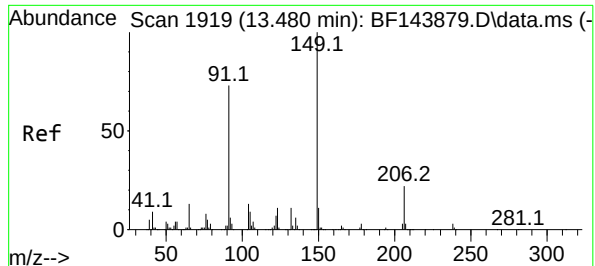
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#79
Terphenyl-d14
Concen: 134.604 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:244 Resp: 2382437
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 7.1 6.4 9.6





#80

Butylbenzylphthalate

Concen: 77.349 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 633516

Ion Ratio Lower Upper

149 100

91 75.9 58.2 87.2

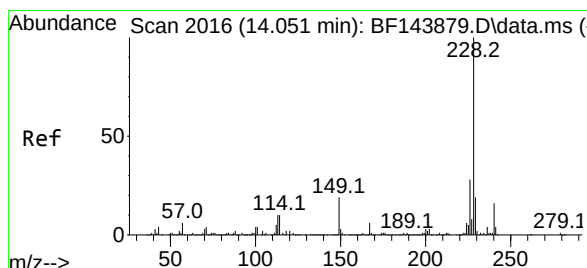
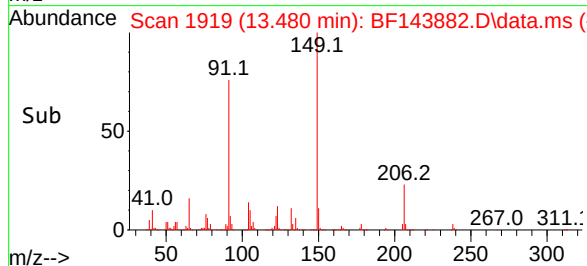
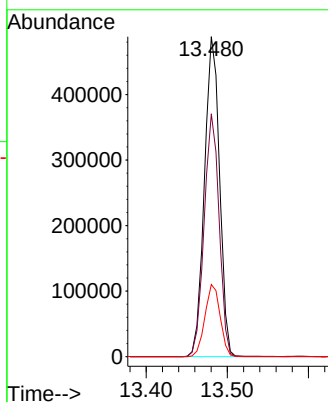
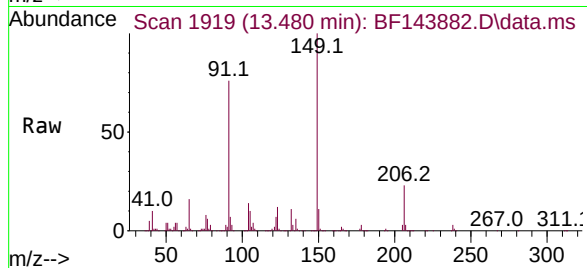
206 22.5 17.9 26.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#81

Benzo(a)anthracene

Concen: 73.238 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

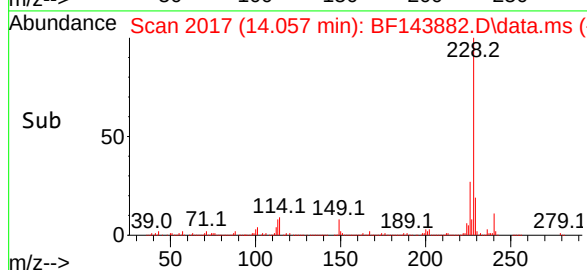
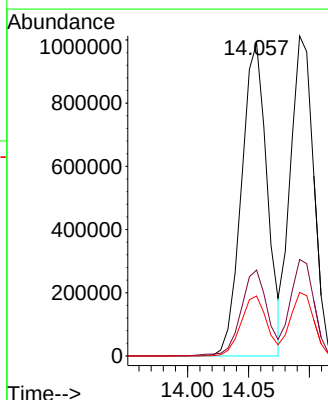
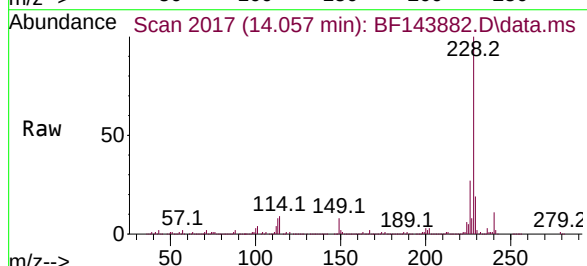
Tgt Ion:228 Resp: 1449801

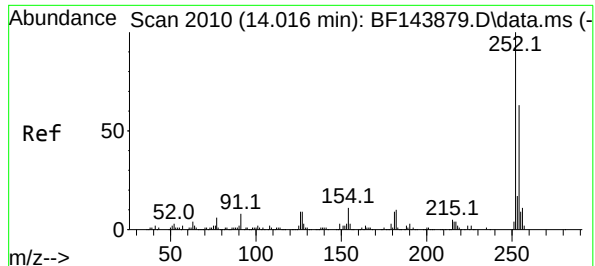
Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

229 19.2 15.6 23.4





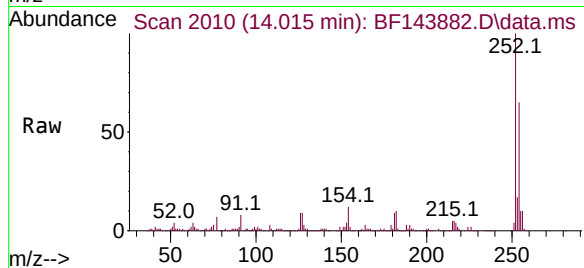
#82
3,3'-Dichlorobenzidine
Concen: 76.476 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

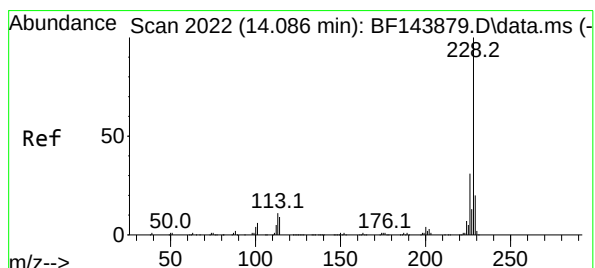
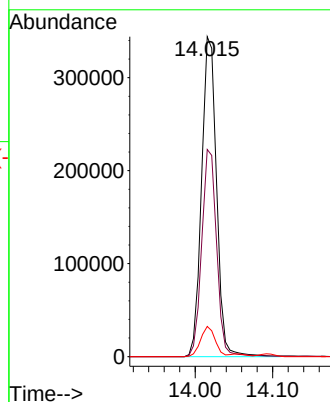
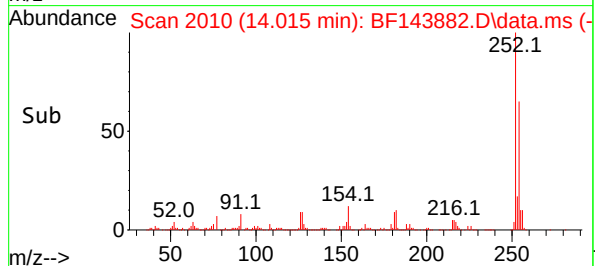


Tgt Ion:252 Resp: 461359
Ion Ratio Lower Upper
252 100
254 64.7 50.6 76.0
126 9.4 7.0 10.6

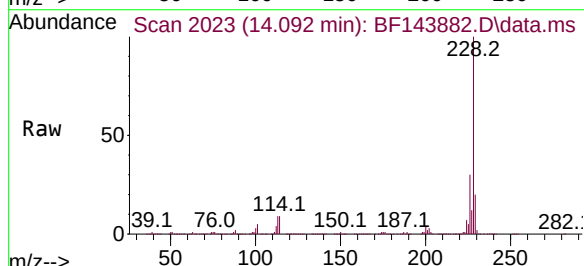
Manual Integrations

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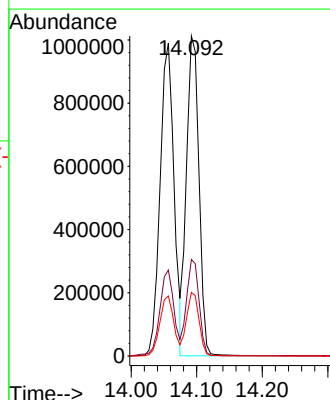
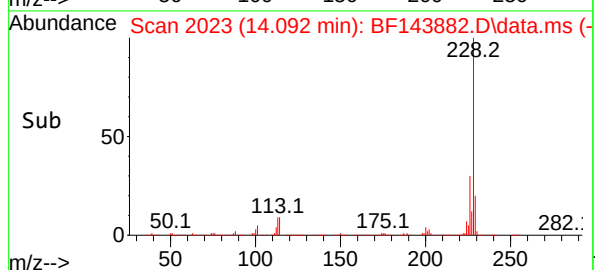
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

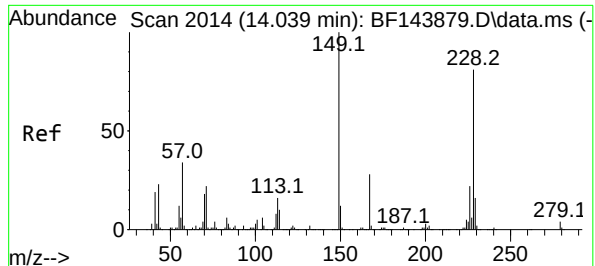


#83
Chrysene
Concen: 73.645 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



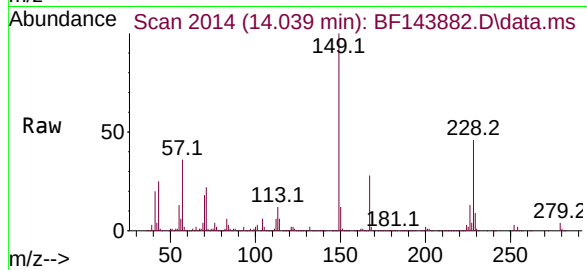
Tgt Ion:228 Resp: 1349286
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.8 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 75.897 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

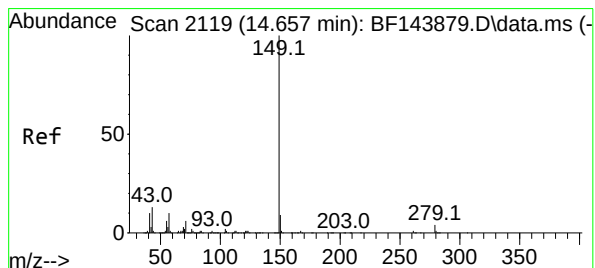
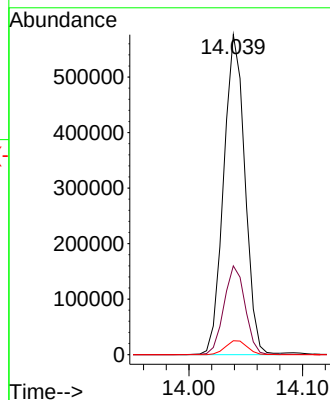
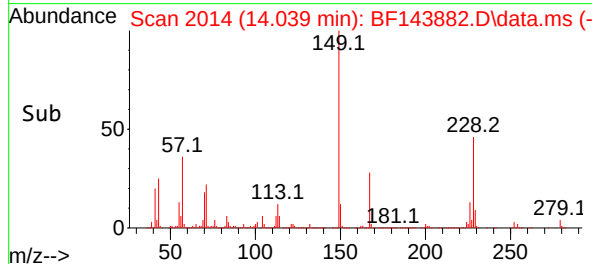
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 74932
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.4
279 4.3 3.1 4.7

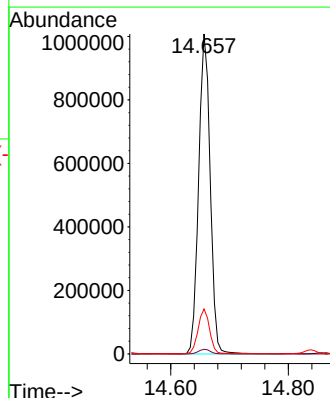
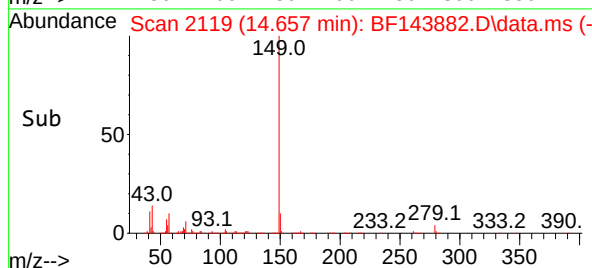
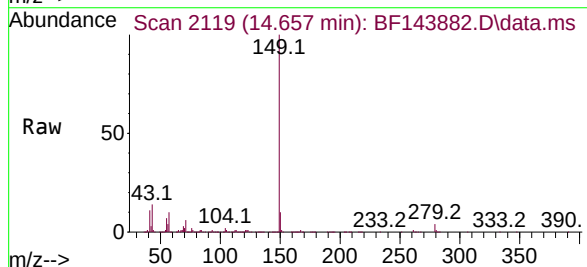
Manual Integrations
APPROVED

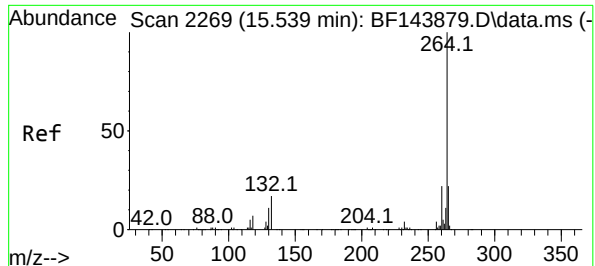
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#85
Di-n-octyl phthalate
Concen: 84.532 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:149 Resp: 1370760
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 14.1 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:264 Resp: 35791

Ion Ratio Lower Upper

264 100

260 21.8 17.8 26.8

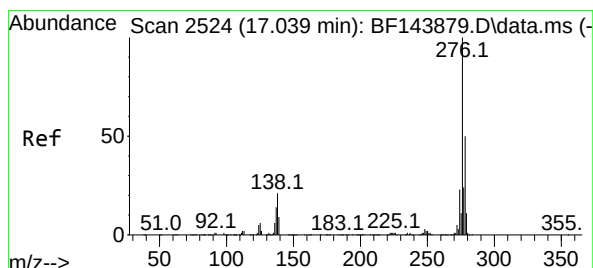
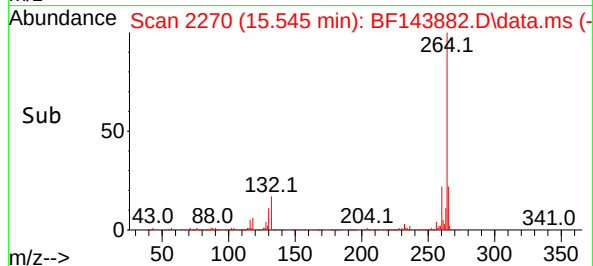
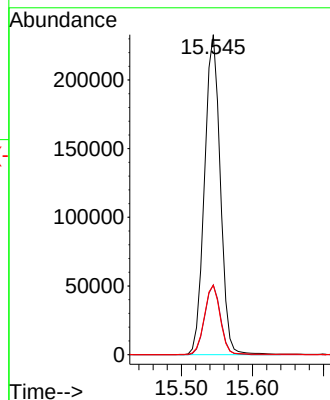
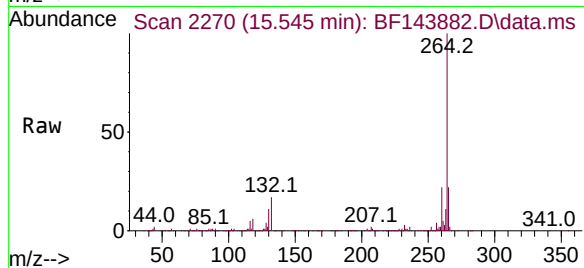
265 21.7 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 81.478 ng

RT: 17.056 min Scan# 2527

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

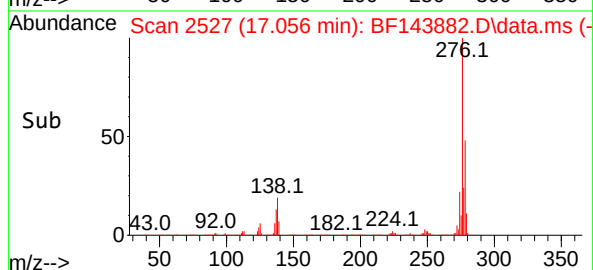
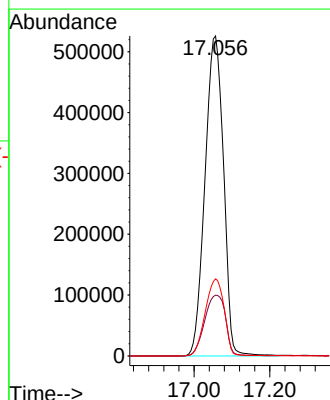
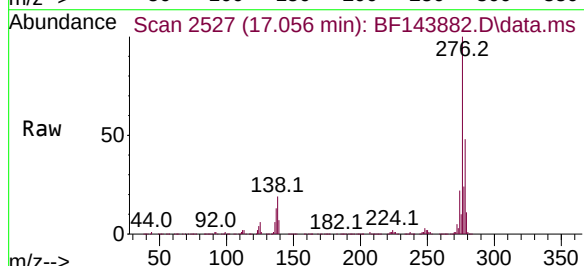
Tgt Ion:276 Resp: 1786876

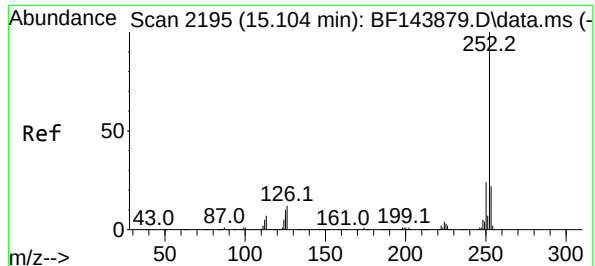
Ion Ratio Lower Upper

276 100

138 21.5 18.2 27.2

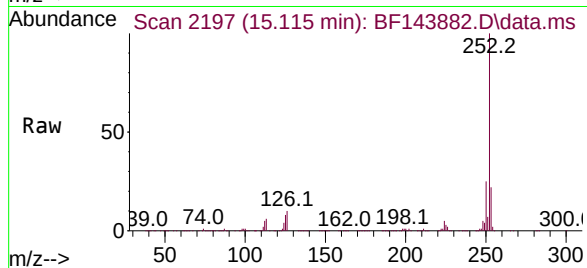
277 24.7 19.8 29.6





#88
Benzo(b)fluoranthene
Concen: 69.645 ng
RT: 15.115 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

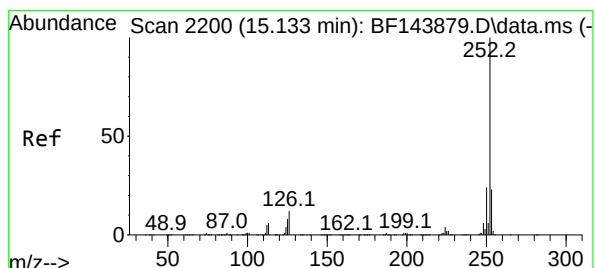
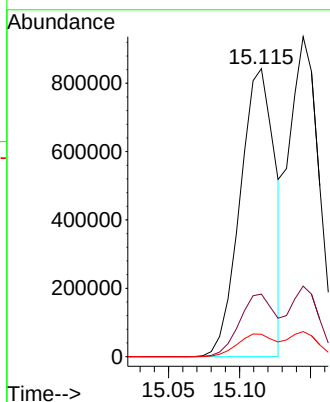
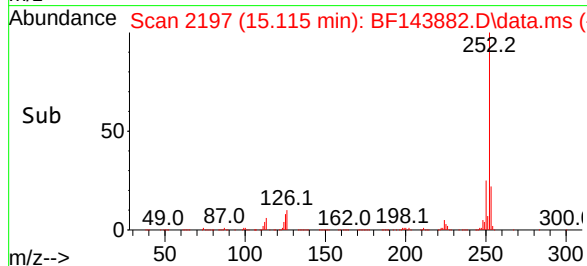
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 1431875
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 7.8 7.8 11.6

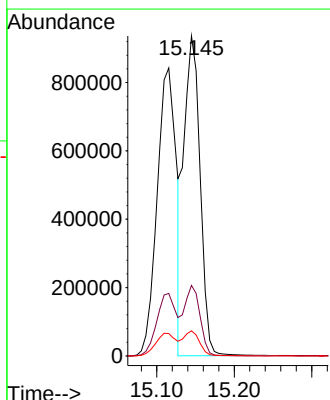
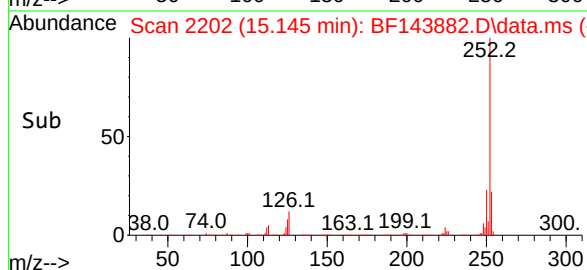
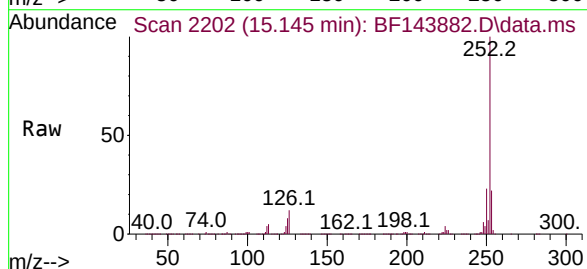
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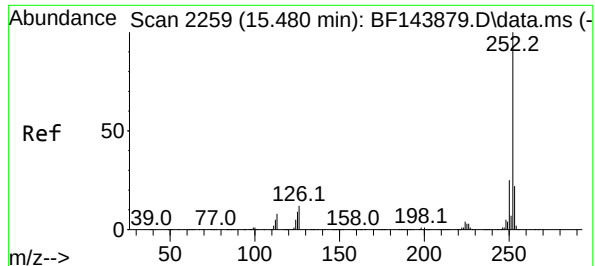
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#89
Benzo(k)fluoranthene
Concen: 71.595 ng
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

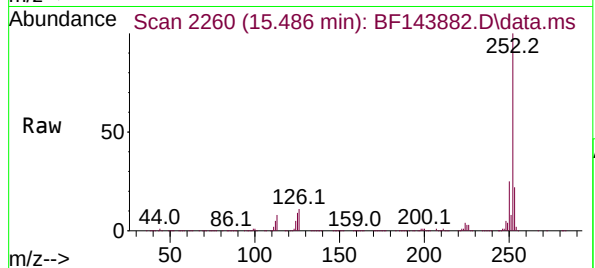
Tgt Ion:252 Resp: 1362026
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 7.8 7.4 11.2





#90
Benzo(a)pyrene
Concen: 74.151 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

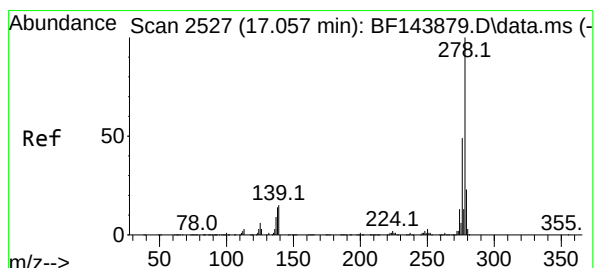
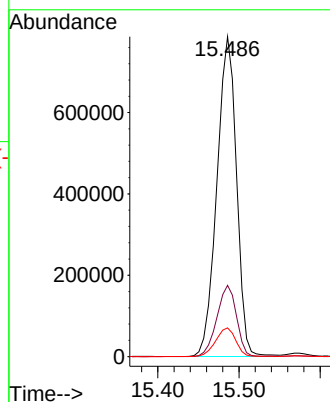
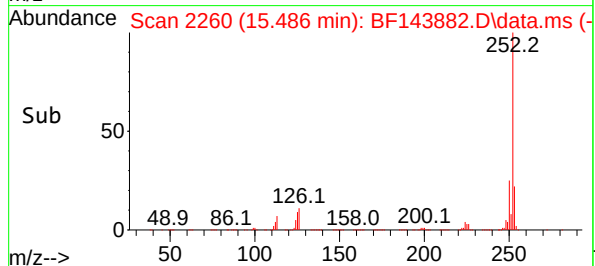
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 1321893
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 9.0 7.0 10.4

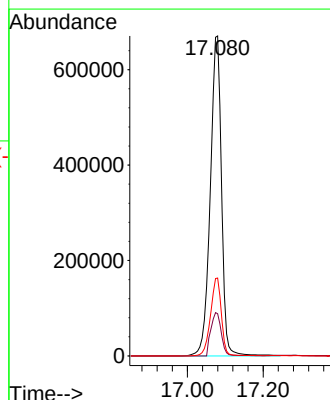
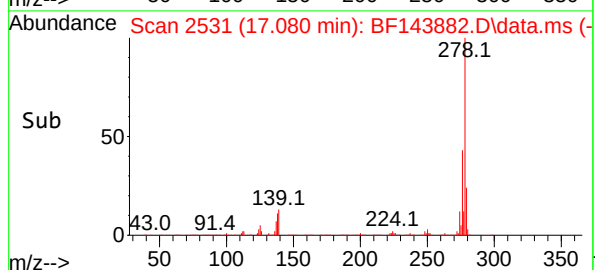
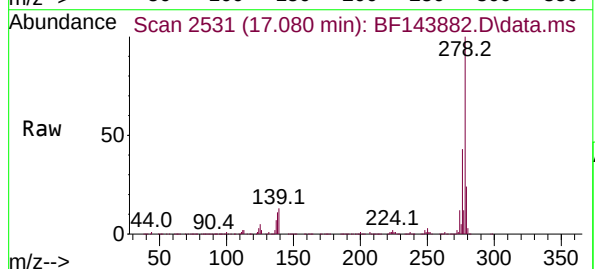
Manual Integrations
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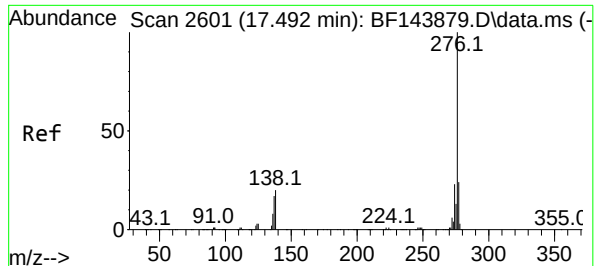
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#91
Dibenzo(a,h)anthracene
Concen: 78.895 ng
RT: 17.080 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:278 Resp: 1391562
Ion Ratio Lower Upper
278 100
139 13.2 11.7 17.5
279 24.3 18.4 27.6





#92

Benzo(g,h,i)perylene

Concen: 82.305 ng

RT: 17.515 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143882.D

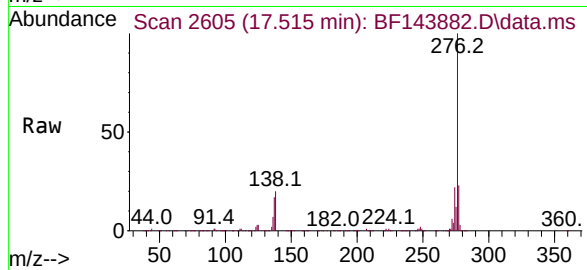
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 145172

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.6

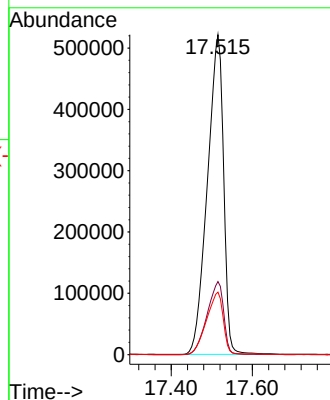
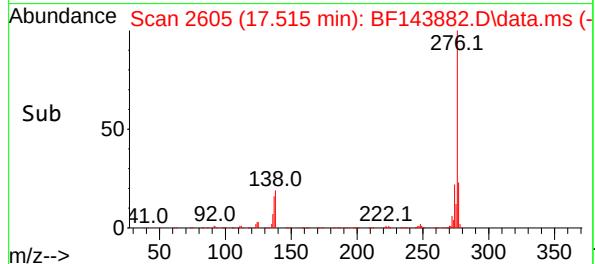
138 19.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:37:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114039	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	448972	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	247780	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	431562	20.000	ng	0.00
76) Chrysene-d12	14.063	240	259802	20.000	ng	0.00
86) Perylene-d12	15.539	264	249446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	537941	74.908	ng	0.00
7) Phenol-d6	6.498	99	637597	74.487	ng	-0.02
23) Nitrobenzene-d5	7.445	82	549291	74.330	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	176914	71.685	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1055942	67.621	ng	-0.01
79) Terphenyl-d14	13.004	244	1131636	74.443	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	123809	37.256	ng	99
3) Pyridine	3.410	79	341125	35.261	ng	99
4) n-Nitrosodimethylamine	3.357	42	195710	38.456	ng	97
6) Aniline	6.545	93	486607	37.937	ng	99
8) 2-Chlorophenol	6.663	128	267562	38.116	ng	98
9) Benzaldehyde	6.434	77	245247	37.141	ng	99
10) Phenol	6.516	94	383770m	37.501	ng	
11) bis(2-Chloroethyl)ether	6.616	93	289024	36.561	ng	99
12) 1,3-Dichlorobenzene	6.822	146	317865	37.828	ng	100
13) 1,4-Dichlorobenzene	6.898	146	318221	38.392	ng	100
14) 1,2-Dichlorobenzene	7.051	146	314832	39.655	ng	99
15) Benzyl Alcohol	7.022	79	249958	38.974	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	676009	37.568	ng	99
17) 2-Methylphenol	7.128	107	222497	38.352	ng	96
18) Hexachloroethane	7.398	117	104363	37.755	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	214516	36.612	ng	98
20) 3+4-Methylphenols	7.281	107	268144	39.880	ng	94
22) Acetophenone	7.292	105	358014	37.713	ng	96
24) Nitrobenzene	7.463	77	309611	37.727	ng	100
25) Isophorone	7.704	82	550779	35.347	ng	99
26) 2-Nitrophenol	7.781	139	136223	38.717	ng	99
27) 2,4-Dimethylphenol	7.810	122	258524	40.847	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	360632	36.639	ng	98
29) 2,4-Dichlorophenol	8.016	162	243265	36.899	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	243161	37.503	ng	98
31) Naphthalene	8.186	128	749110	36.679	ng	99
32) Benzoic acid	7.904	122	154019	35.162	ng	98
33) 4-Chloroaniline	8.233	127	321328	41.950	ng	98
34) Hexachlorobutadiene	8.304	225	158600	35.201	ng	95
35) Caprolactam	8.598	113	79102	37.736	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	228481	36.079	ng	99
37) 2-Methylnaphthalene	8.881	142	452442	33.257	ng	99
38) 1-Methylnaphthalene	8.980	142	465414	35.269	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	254223	37.122	ng	98
41) Hexachlorocyclopentadiene	9.033	237	139168	48.984	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	183769	36.726	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:37:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

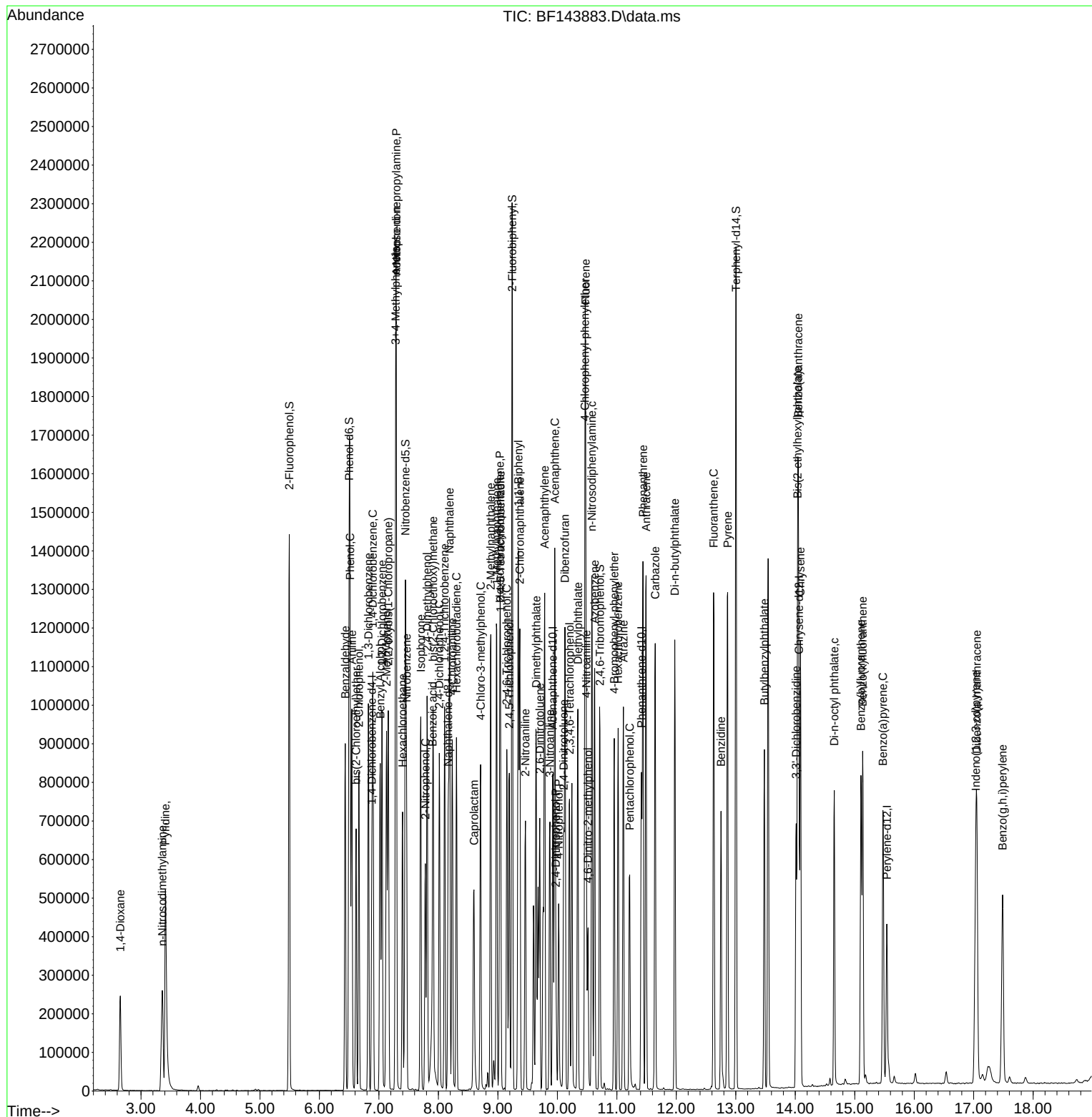
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186099	35.194	ng	96
46) 1,1'-Biphenyl	9.345	154	603213	36.770	ng	98
47) 2-Chloronaphthalene	9.369	162	498615	36.454	ng	97
48) 2-Nitroaniline	9.463	65	168191	38.894	ng	99
49) Acenaphthylene	9.786	152	785697	40.859	ng	99
50) Dimethylphthalate	9.645	163	565953	35.968	ng	99
51) 2,6-Dinitrotoluene	9.704	165	122449	41.967	ng	99
52) Acenaphthene	9.957	154	452513	35.913	ng	99
53) 3-Nitroaniline	9.875	138	144668	40.493	ng	95
54) 2,4-Dinitrophenol	9.975	184	52796	33.731	ng	# 42
55) Dibenzofuran	10.127	168	653073	36.717	ng	99
56) 4-Nitrophenol	10.022	139	99684	36.850	ng	96
57) 2,4-Dinitrotoluene	10.104	165	163440	41.169	ng	99
58) Fluorene	10.475	166	476811	35.527	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	144064	38.488	ng	93
60) Diethylphthalate	10.345	149	533574	36.501	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	256247	36.113	ng	96
62) 4-Nitroaniline	10.486	138	127369	37.074	ng	99
63) Azobenzene	10.627	77	562787	36.837	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	80422	37.083	ng	96
66) n-Nitrosodiphenylamine	10.580	169	496618	36.649	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	162033	33.973	ng	95
68) Hexachlorobenzene	11.022	284	190028	34.415	ng	99
69) Atrazine	11.110	200	160244	39.016	ng	98
70) Pentachlorophenol	11.216	266	104958	33.097	ng	99
71) Phenanthrene	11.439	178	743609	35.542	ng	99
72) Anthracene	11.492	178	766674	36.273	ng	99
73) Carbazole	11.645	167	678522	36.246	ng	99
74) Di-n-butylphthalate	11.974	149	806451	37.171	ng	99
75) Fluoranthene	12.627	202	778418	36.019	ng	99
77) Benzidine	12.751	184	409653	45.411	ng	98
78) Pyrene	12.863	202	789075	36.431	ng	99
80) Butylbenzylphthalate	13.480	149	274237	38.986	ng	98
81) Benzo(a)anthracene	14.051	228	614473	36.142	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	221480	42.747	ng	99
83) Chrysene	14.086	228	594668	37.792	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	326966	38.560	ng	99
85) Di-n-octyl phthalate	14.657	149	502989	36.116	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	563492	36.867	ng	98
88) Benzo(b)fluoranthene	15.104	252	537814	37.533	ng	99
89) Benzo(k)fluoranthene	15.133	252	467396	35.252	ng	100
90) Benzo(a)pyrene	15.474	252	470896	37.900	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	454776	36.995	ng	97
92) Benzo(g,h,i)perylene	17.486	276	456833	37.162	ng	98

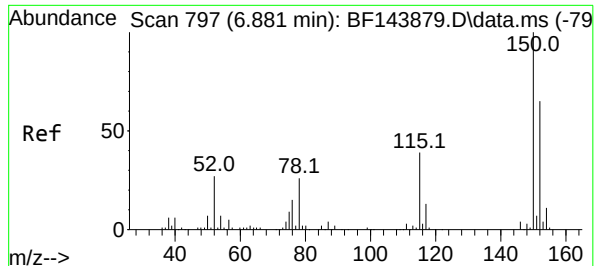
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jaagrut Upadhyay 10/07/2025





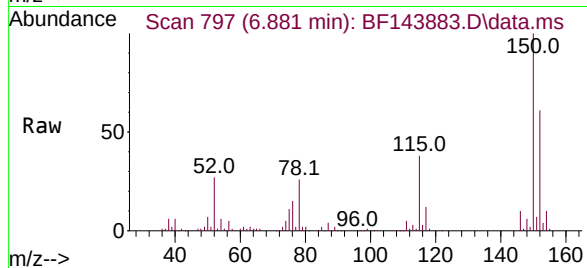
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625



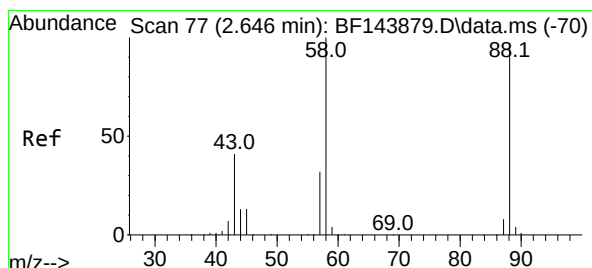
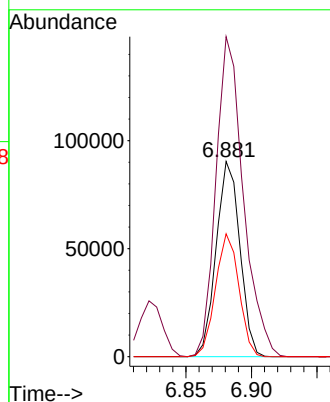
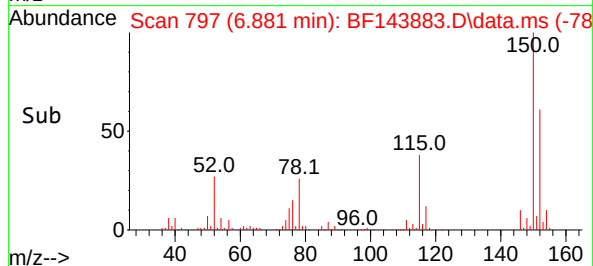
Tgt Ion:152 Resp: 114039
Ion Ratio Lower Upper
152 100
150 164.0 124.4 186.6
115 62.9 48.1 72.1

Manual Integrations

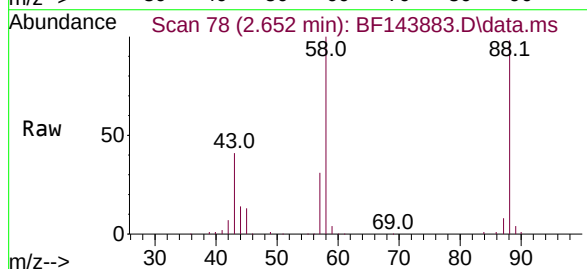
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

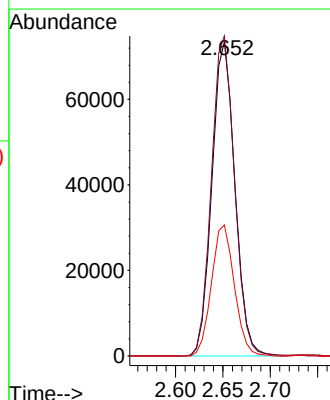
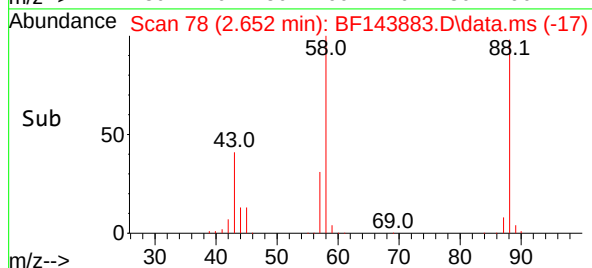
Supervised By :Jagrut Upadhyay 10/07/2025

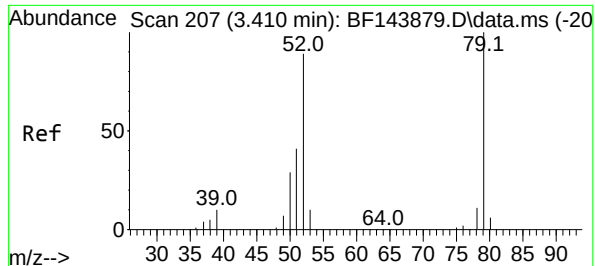


#2
1,4-Dioxane
Concen: 37.256 ng
RT: 2.652 min Scan# 78
Delta R.T. 0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



Tgt Ion: 88 Resp: 123809
Ion Ratio Lower Upper
88 100
58 102.6 83.0 124.6
43 41.5 33.9 50.9





#3

Pyridine

Concen: 35.261 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

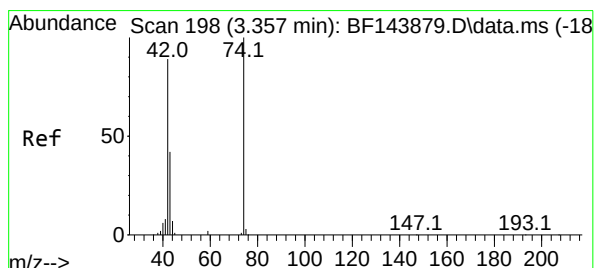
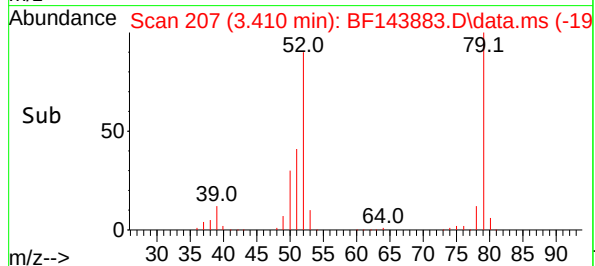
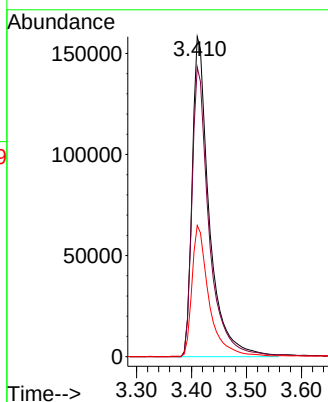
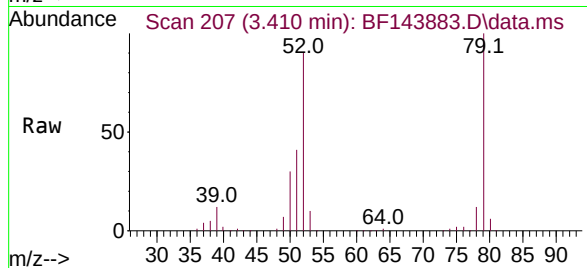
ICVBF100625

Tgt Ion:	79	Resp:	341125
Ion	Ratio	Lower	Upper
79	100		
52	90.5	71.5	107.3
51	41.0	32.9	49.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

Concen: 38.456 ng

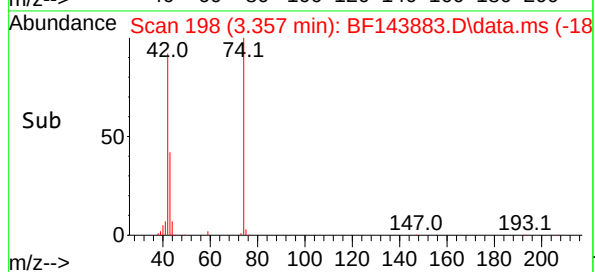
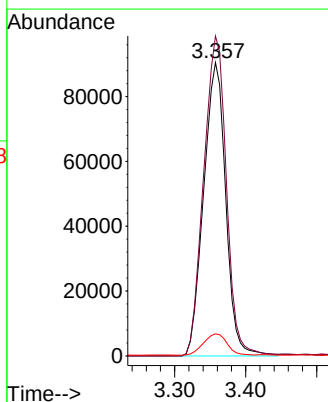
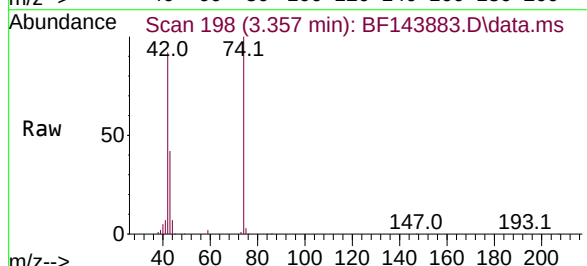
RT: 3.357 min Scan# 198

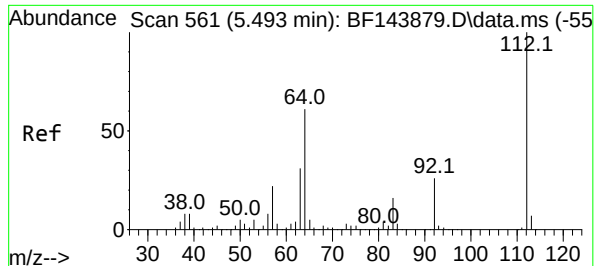
Delta R.T. -0.029 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:	42	Resp:	195710
Ion	Ratio	Lower	Upper
42	100		
74	109.1	90.0	135.0
44	7.5	6.2	9.2





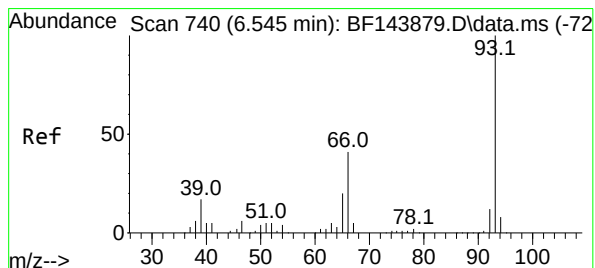
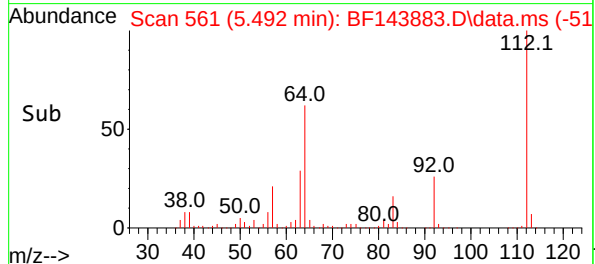
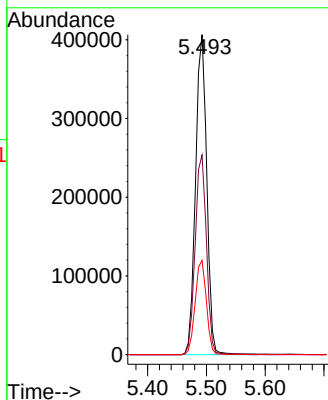
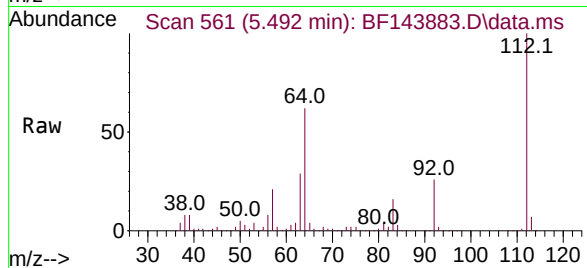
#5
2-Fluorophenol
Concen: 74.908 ng
RT: 5.492 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:112 Resp: 53794
Ion Ratio Lower Upper
112 100
64 62.4 49.1 73.7
63 29.4 24.5 36.7

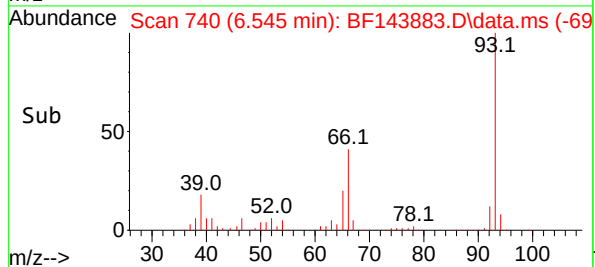
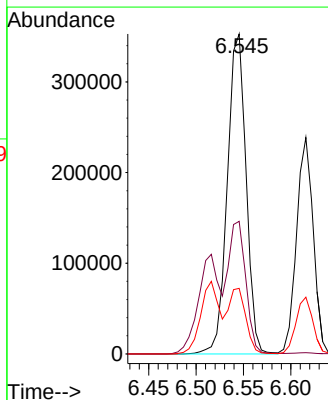
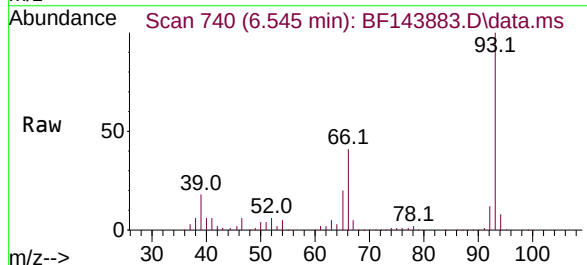
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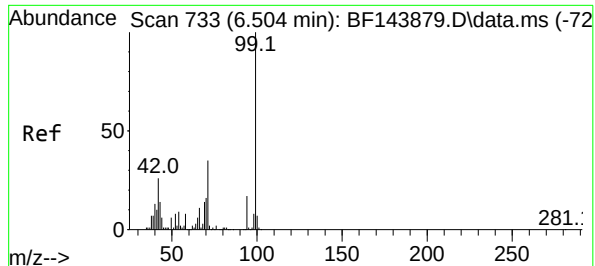
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#6
Aniline
Concen: 37.937 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

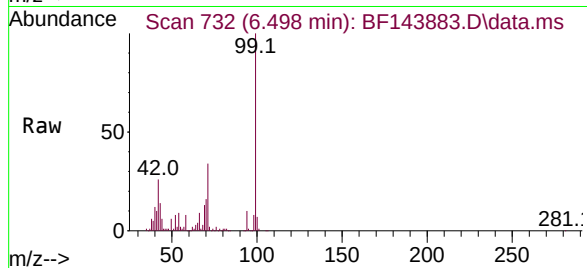
Tgt Ion: 93 Resp: 486607
Ion Ratio Lower Upper
93 100
66 41.4 33.0 49.6
65 20.5 15.8 23.8





#7
Phenol-d6
Concen: 74.487 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

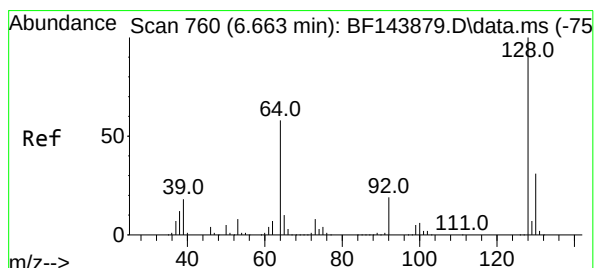
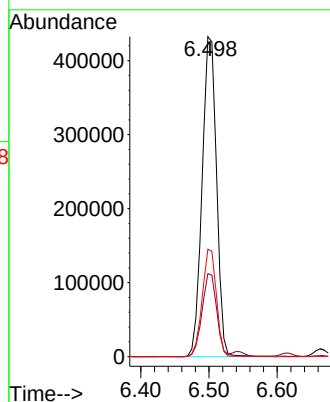
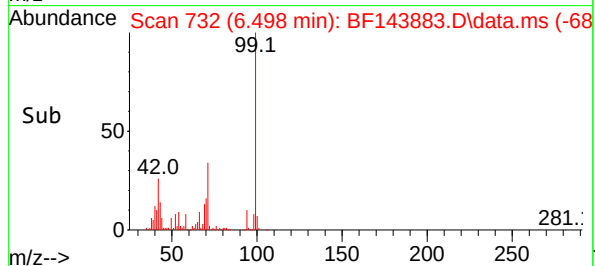
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion: 99 Resp: 637592
Ion Ratio Lower Upper
99 100
42 25.9 21.0 31.4
71 33.5 27.8 41.8

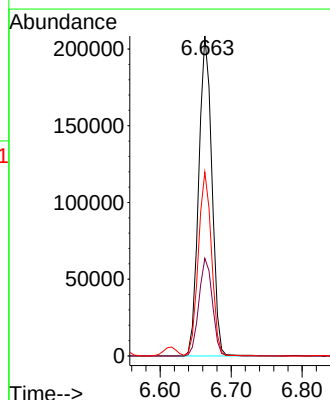
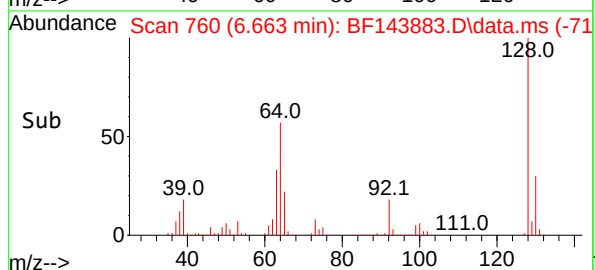
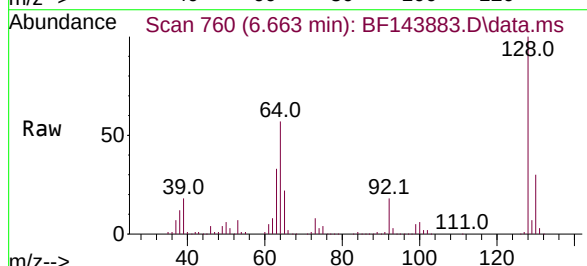
Manual Integrations
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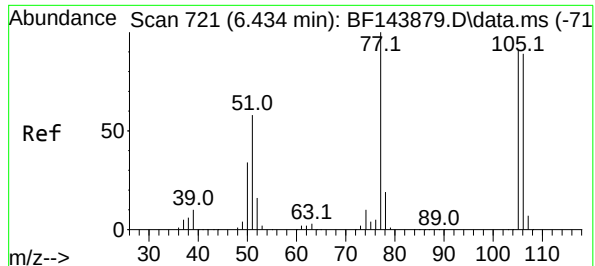
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#8
2-Chlorophenol
Concen: 38.116 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:128 Resp: 267562
Ion Ratio Lower Upper
128 100
130 30.5 10.7 50.7
64 57.4 39.0 79.0



#9
Benzaldehyde

Concen: 37.141 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion: 77 Resp: 24524

Ion Ratio Lower Upper

77 100

105 92.0 70.9 110.9

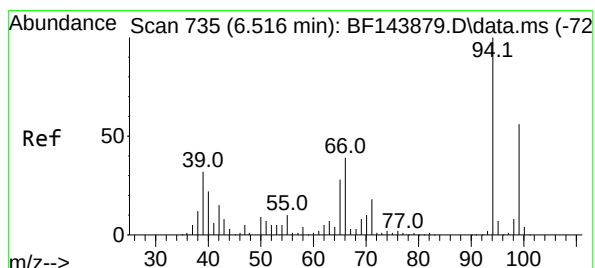
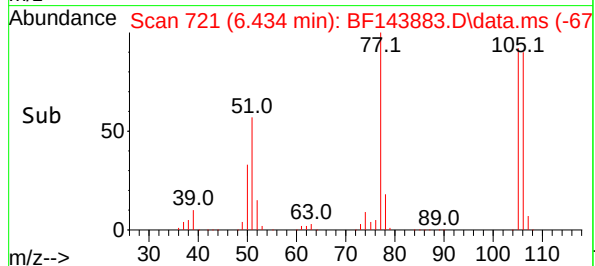
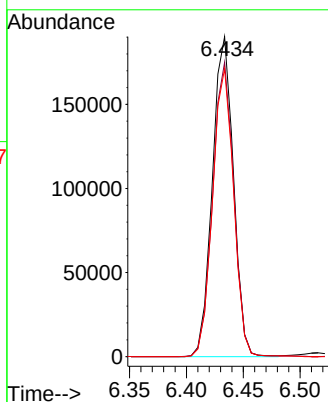
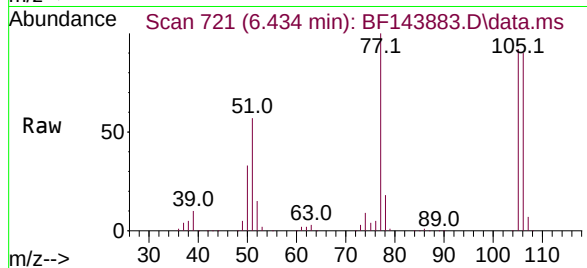
106 90.0 68.9 108.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 37.501 ng m

RT: 6.516 min Scan# 735

Delta R.T. -0.018 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

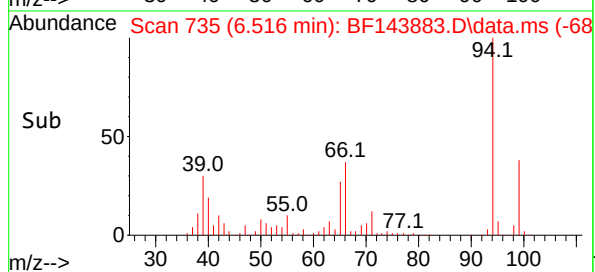
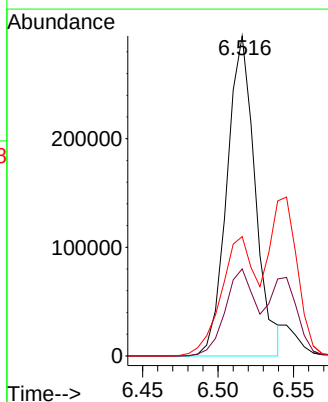
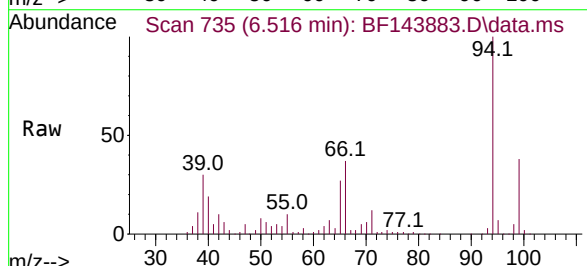
Tgt Ion: 94 Resp: 383770

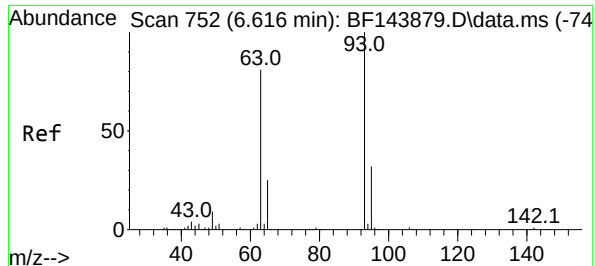
Ion Ratio Lower Upper

94 100

65 27.2 8.5 48.5

66 37.3 19.9 59.9





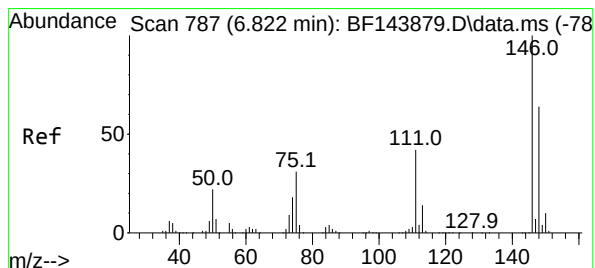
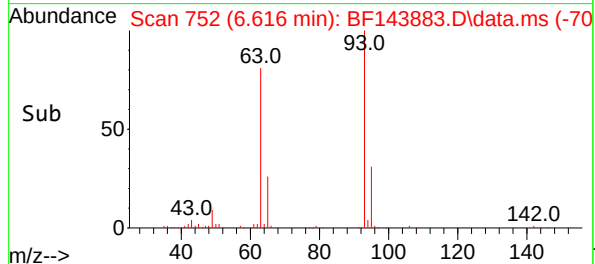
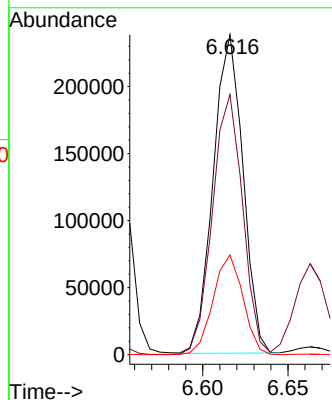
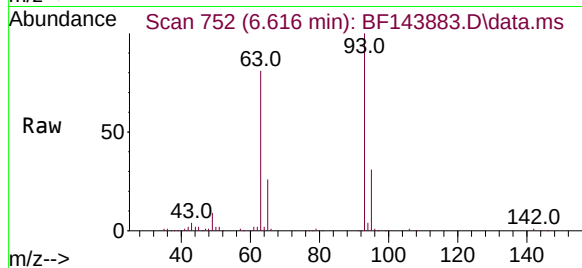
#11
bis(2-Chloroethyl)ether
Concen: 36.561 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 93 Resp: 289024
Ion Ratio Lower Upper
93 100
63 81.3 60.9 100.9
95 31.1 11.5 51.5

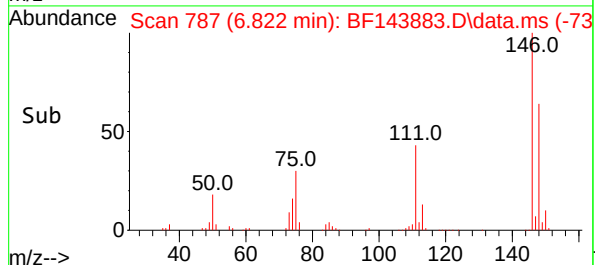
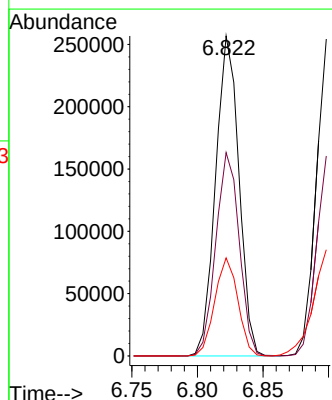
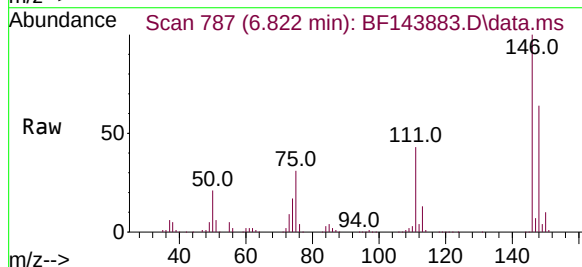
Manual Integrations
APPROVED

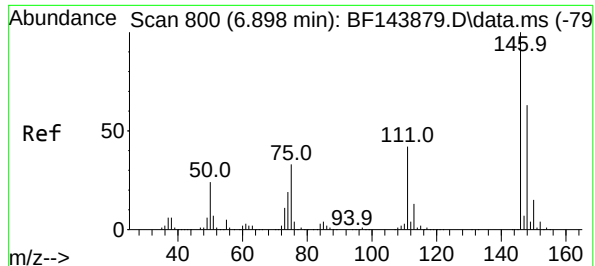
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#12
1,3-Dichlorobenzene
Concen: 37.828 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:146 Resp: 317865
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 30.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 38.392 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:146 Resp: 31822

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

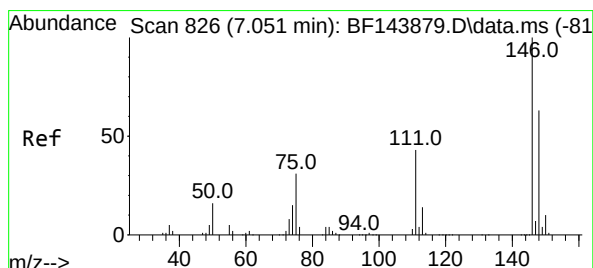
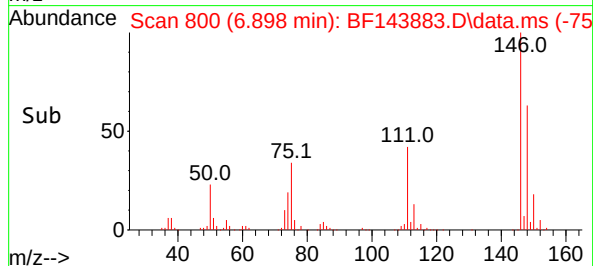
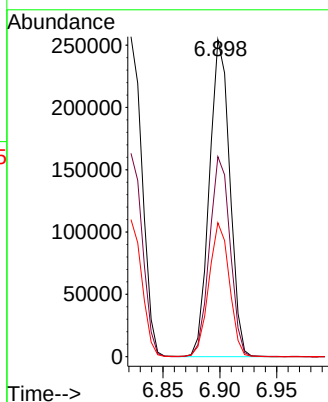
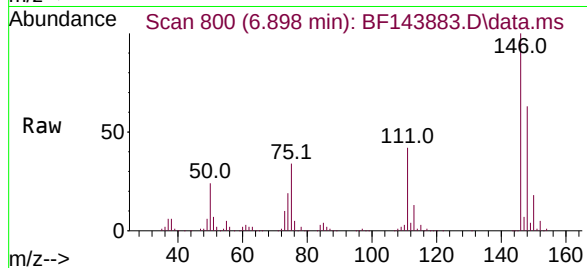
111 42.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 39.655 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

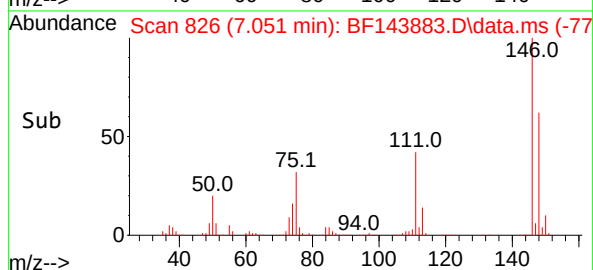
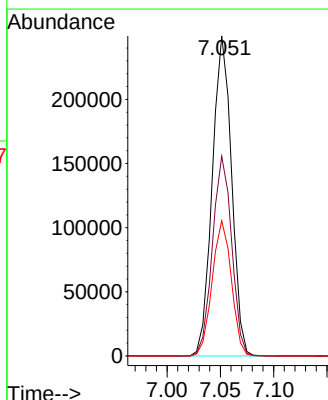
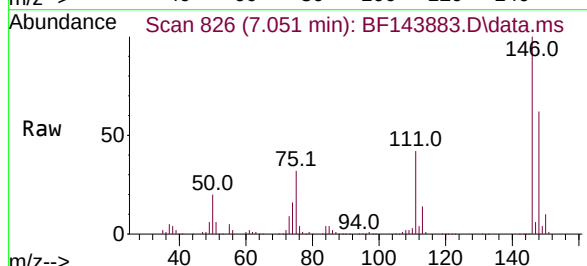
Tgt Ion:146 Resp: 314832

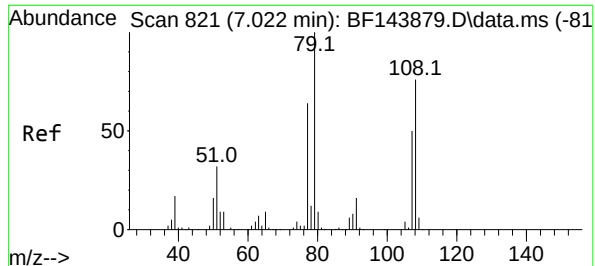
Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

111 42.2 34.6 51.8





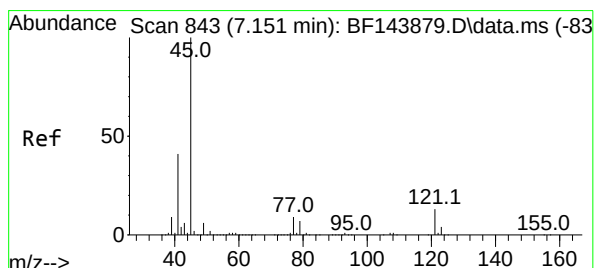
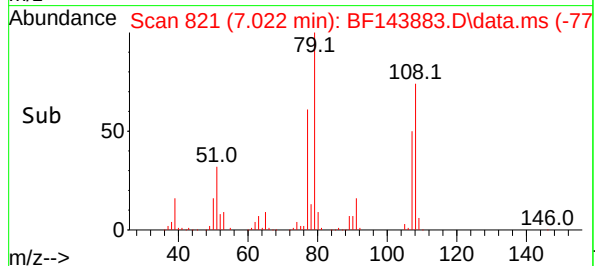
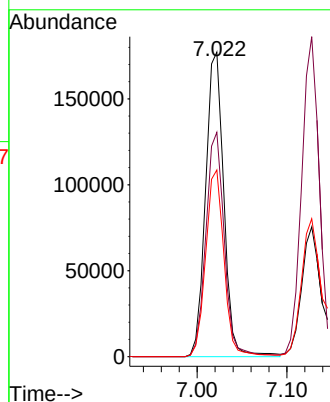
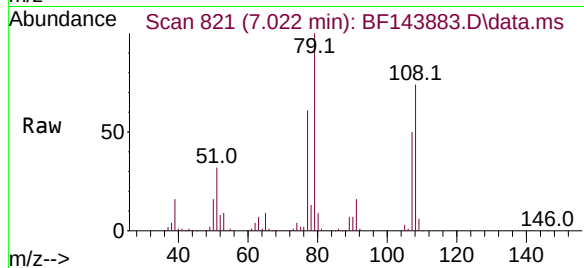
#15
Benzyl Alcohol
Concen: 38.974 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 79 Resp: 249958
Ion Ratio Lower Upper
79 100
108 73.6 60.8 91.2
77 61.3 51.0 76.6

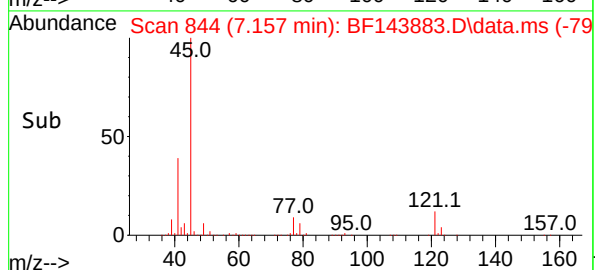
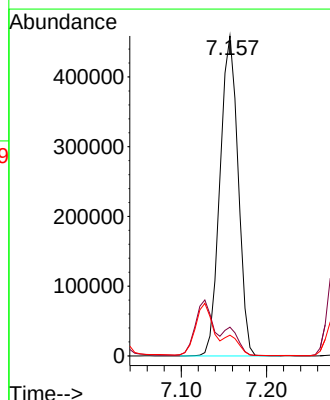
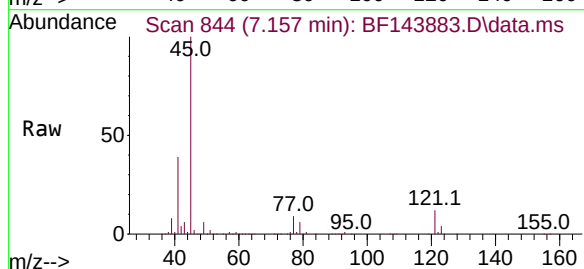
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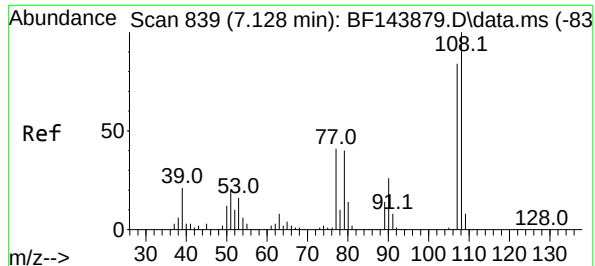
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.568 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

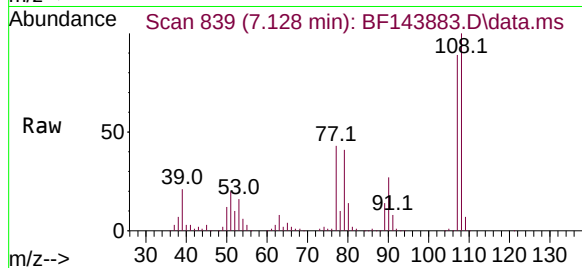
Tgt Ion: 45 Resp: 676009
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.5 0.0 26.8





#17
2-Methylphenol
Concen: 38.352 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

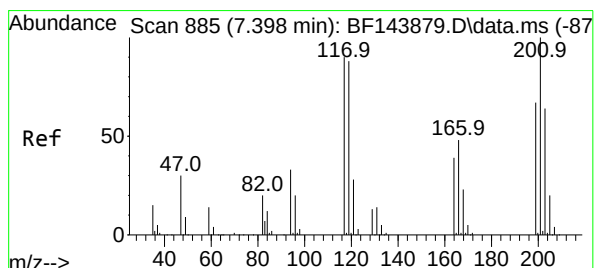
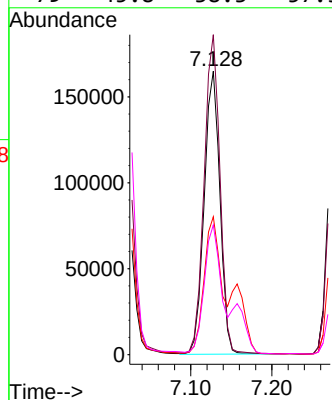
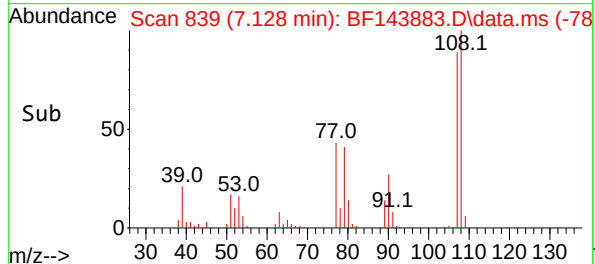
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



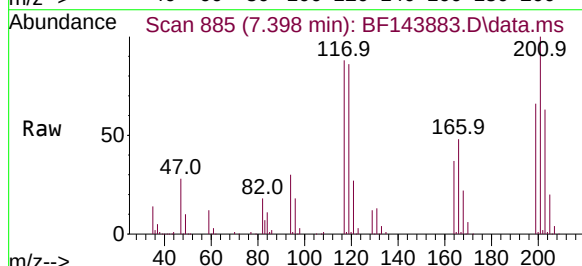
Tgt Ion:107 Resp: 222497
Ion Ratio Lower Upper
107 100
108 112.9 94.7 142.1
77 48.7 38.8 58.2
79 45.8 38.3 57.5

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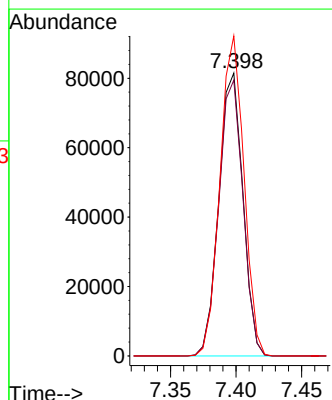
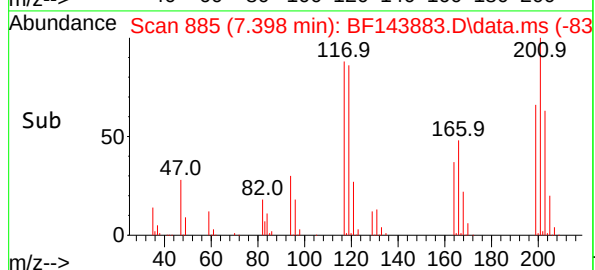
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

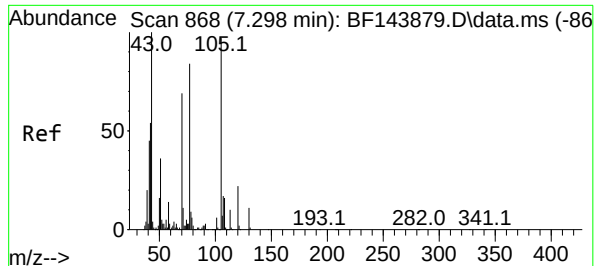


#18
Hexachloroethane
Concen: 37.755 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



Tgt Ion:117 Resp: 104363
Ion Ratio Lower Upper
117 100
119 97.5 77.8 116.8
201 113.1 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.612 ng

RT: 7.292 min Scan# 868

Delta R.T. -0.023 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion: 70 Resp: 214516

Ion Ratio Lower Upper

70 100

42 80.2 62.8 94.2

101 8.3 6.7 10.1

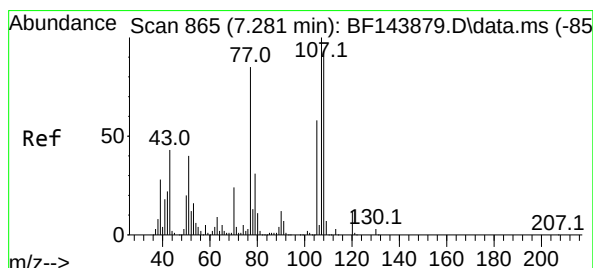
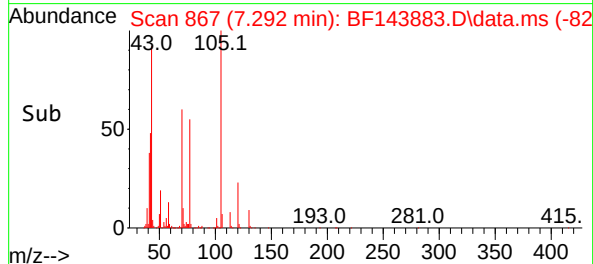
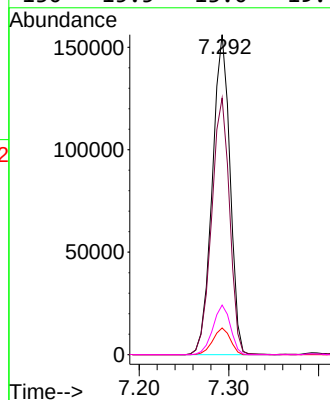
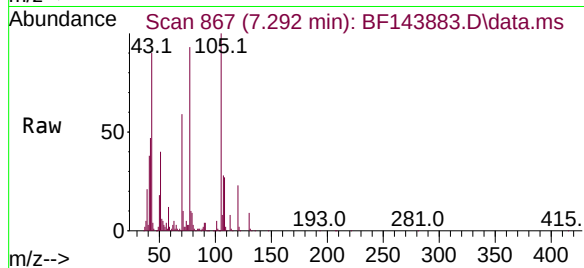
130 15.5 13.0 19.4

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 39.880 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:107 Resp: 268144

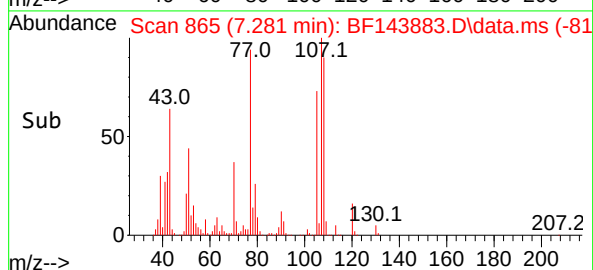
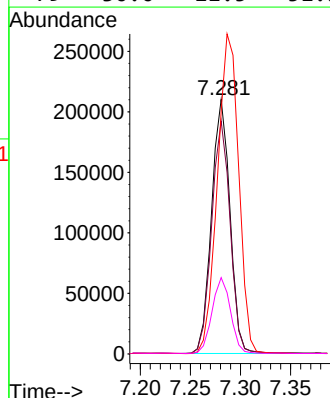
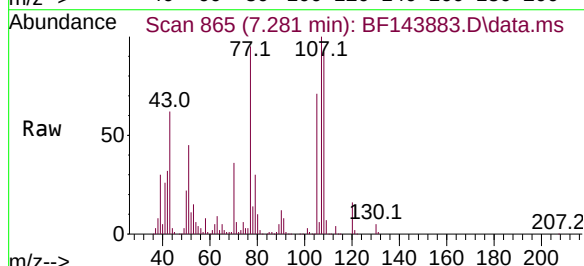
Ion Ratio Lower Upper

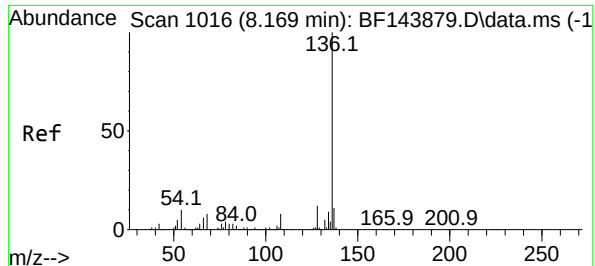
107 100

108 91.5 73.0 113.0

77 95.3 64.6 104.6

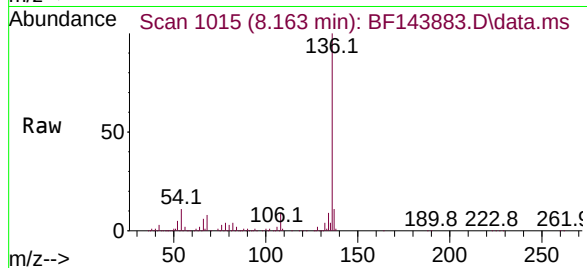
79 30.0 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

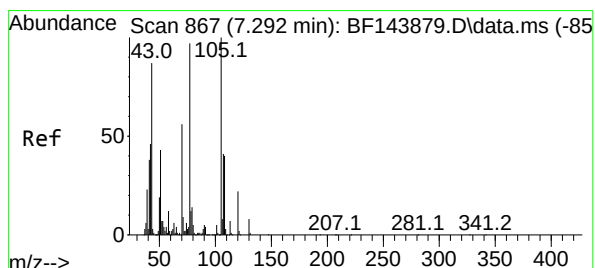
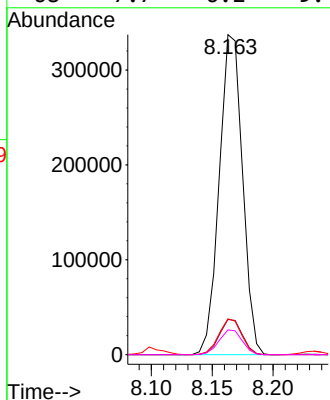
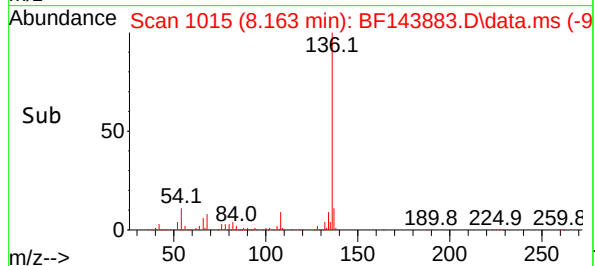
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:136 Resp: 448972
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.2 8.2 12.4
68 7.7 6.2 9.4

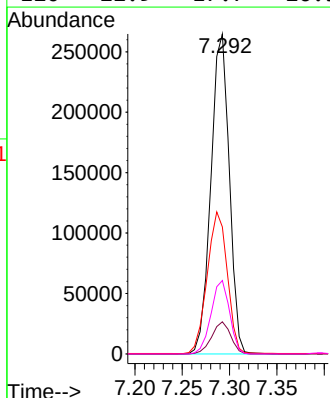
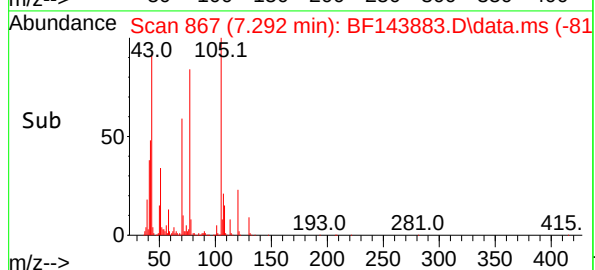
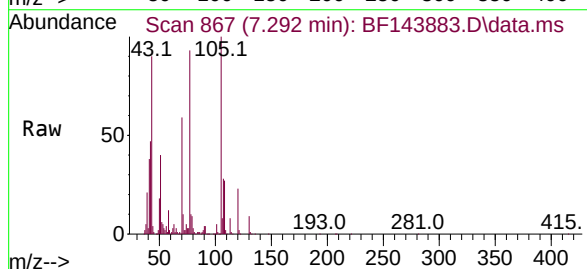
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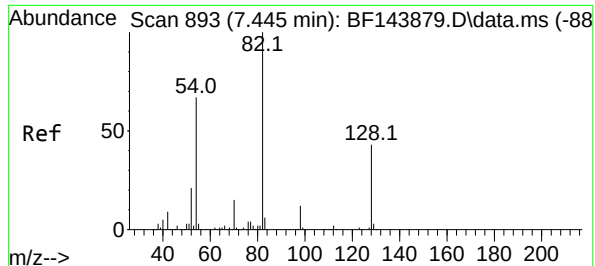
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#22
Acetophenone
Concen: 37.713 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:105 Resp: 358014
Ion Ratio Lower Upper
105 100
71 10.0 7.4 11.0
51 39.7 34.2 51.4
120 22.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 74.330 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion: 82 Resp: 54929

Ion Ratio Lower Upper

82 100

128 42.8 34.0 51.0

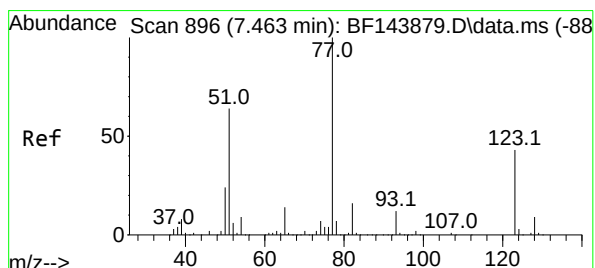
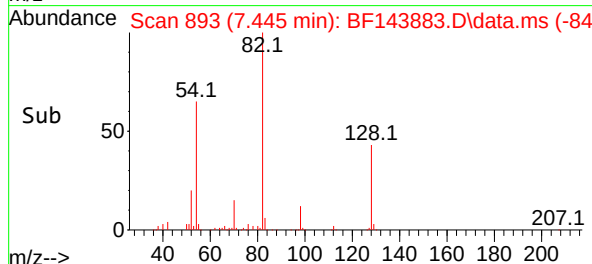
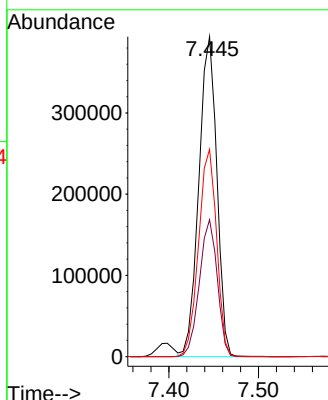
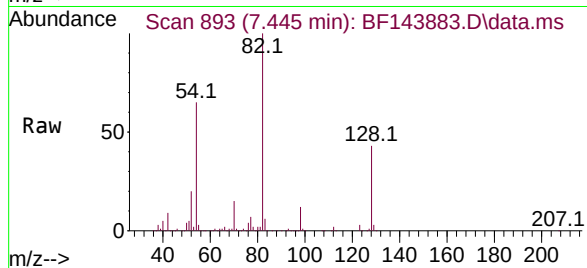
54 64.8 53.2 79.8

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 37.727 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

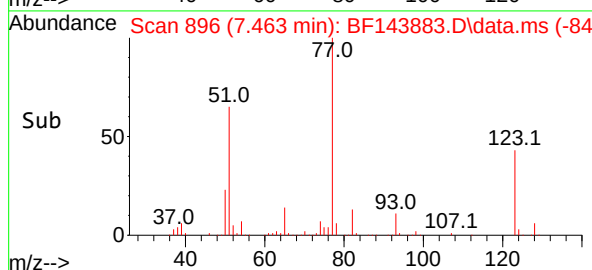
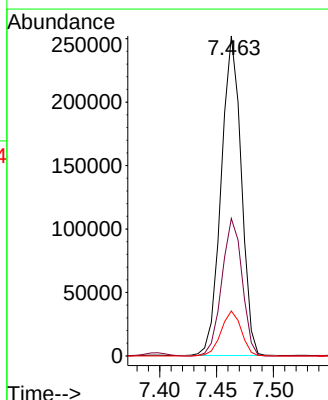
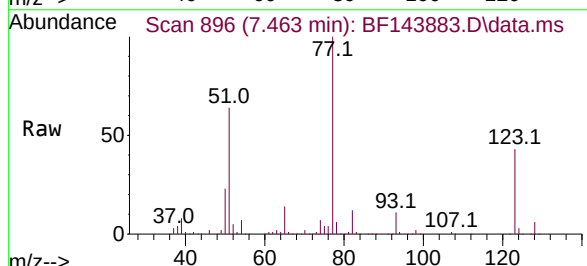
Tgt Ion: 77 Resp: 309611

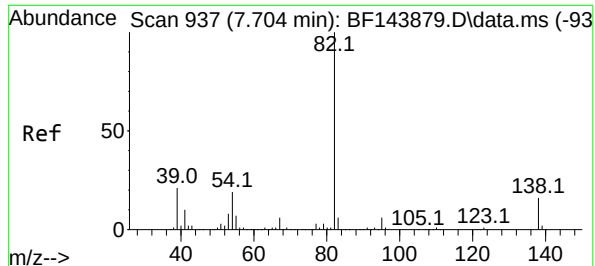
Ion Ratio Lower Upper

77 100

123 42.9 34.2 51.4

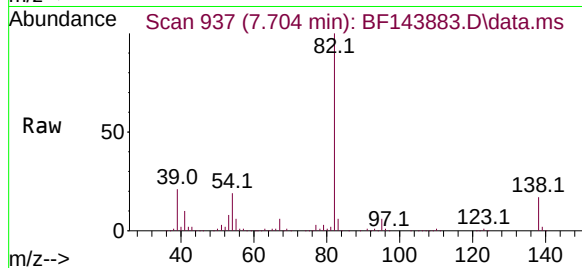
65 14.0 11.0 16.6





#25
Isophorone
Concen: 35.347 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

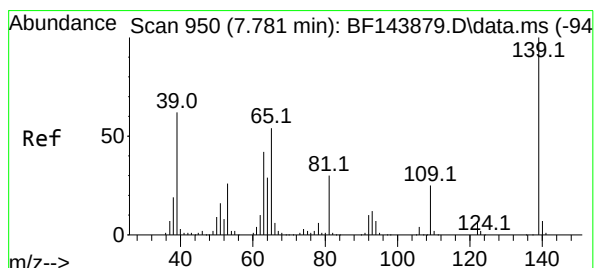
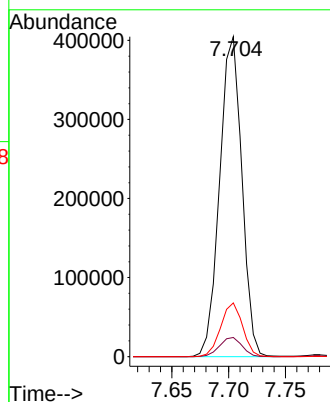
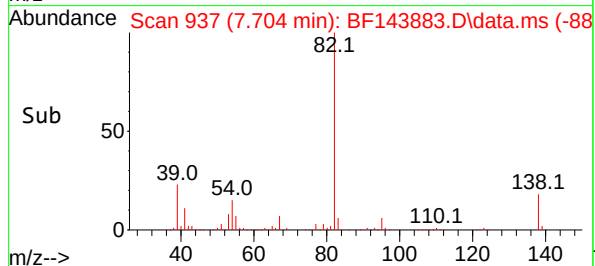
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion: 82 Resp: 550779
Ion Ratio Lower Upper
82 100
95 6.0 5.1 7.7
138 16.8 12.9 19.3

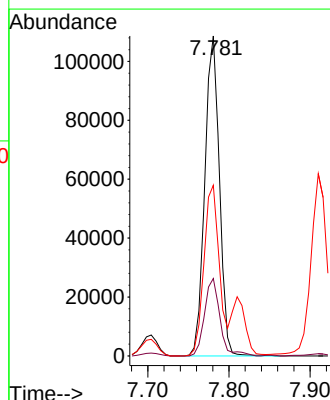
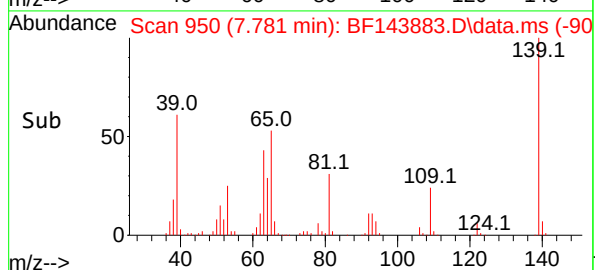
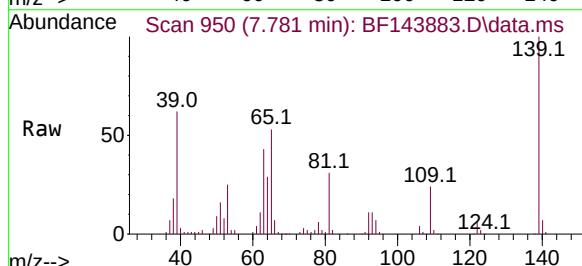
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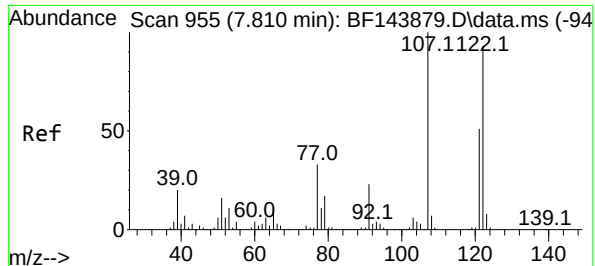
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#26
2-Nitrophenol
Concen: 38.717 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

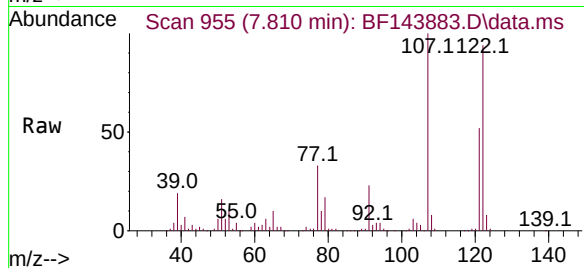
Tgt Ion:139 Resp: 136223
Ion Ratio Lower Upper
139 100
109 24.2 19.8 29.6
65 53.3 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 40.847 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

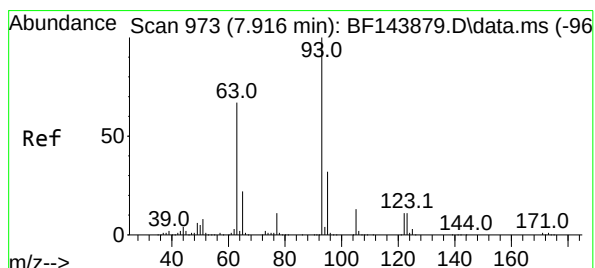
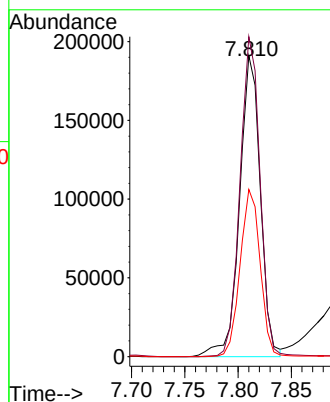
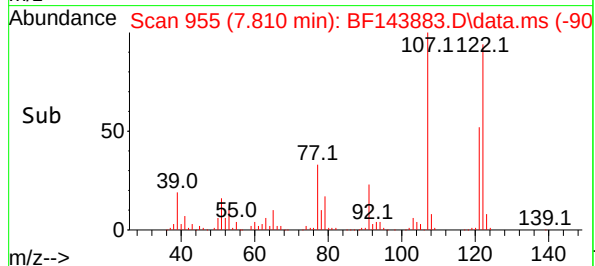
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:122 Resp: 258524
Ion Ratio Lower Upper
122 100
107 106.3 86.1 129.1
121 55.5 43.8 65.6

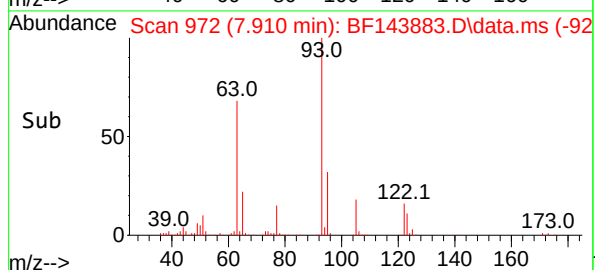
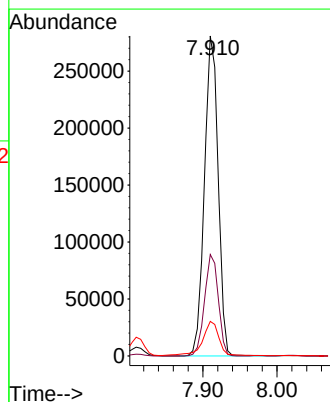
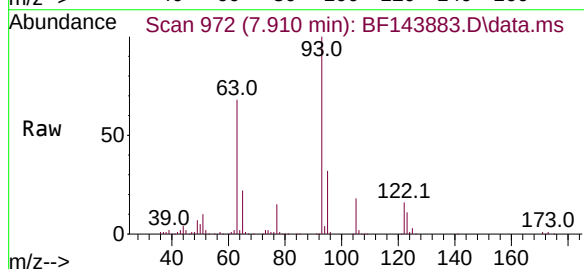
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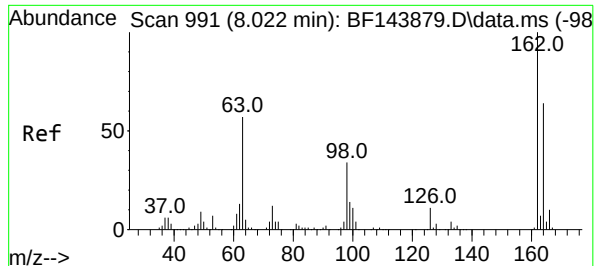
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 36.639 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 93 Resp: 360632
Ion Ratio Lower Upper
93 100
95 31.7 25.9 38.9
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 36.899 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:162 Resp: 243265

Ion Ratio Lower Upper

162 100

164 61.1 43.9 83.9

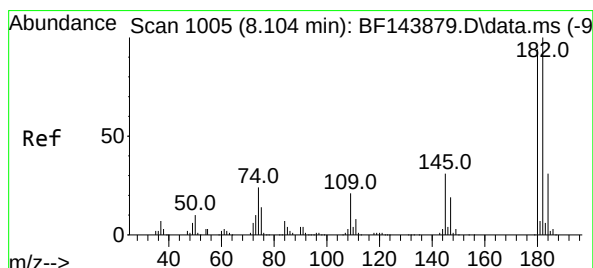
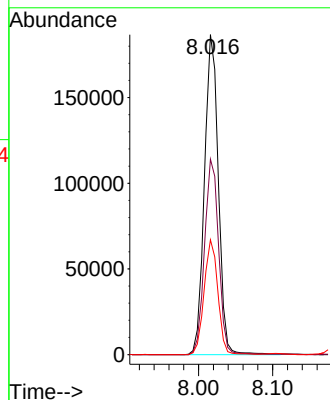
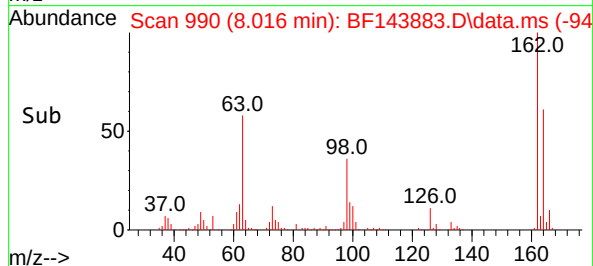
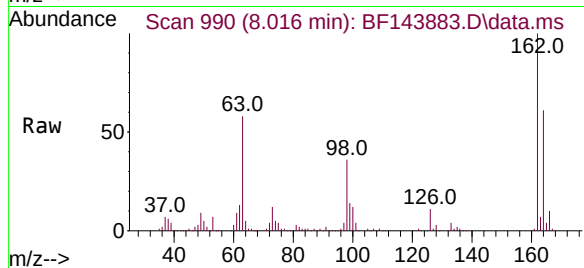
98 35.9 14.4 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.503 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

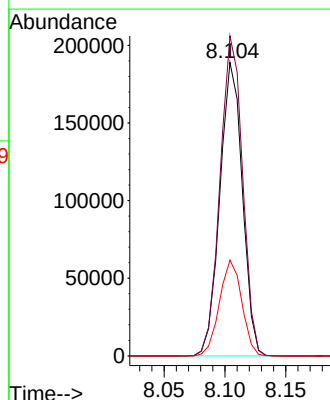
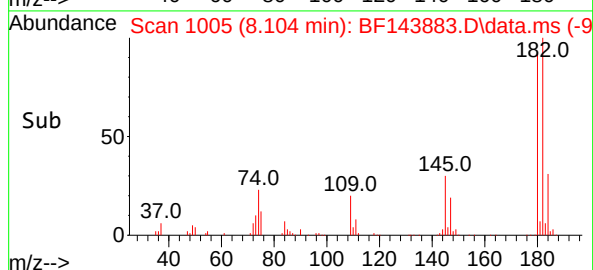
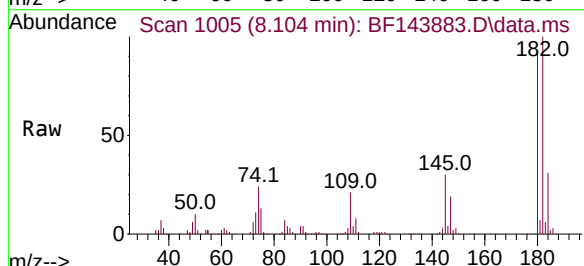
Tgt Ion:180 Resp: 243161

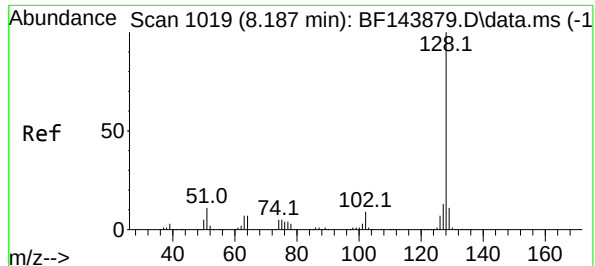
Ion Ratio Lower Upper

180 100

182 109.0 85.4 128.0

145 32.7 26.3 39.5





#31

Naphthalene

Concen: 36.679 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:128 Resp: 749110

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

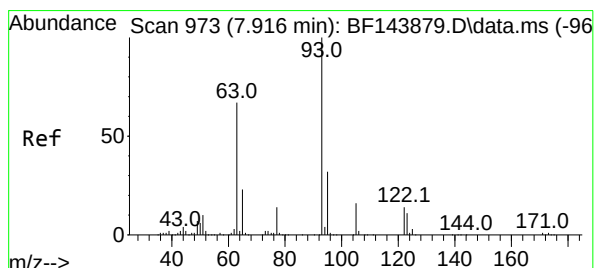
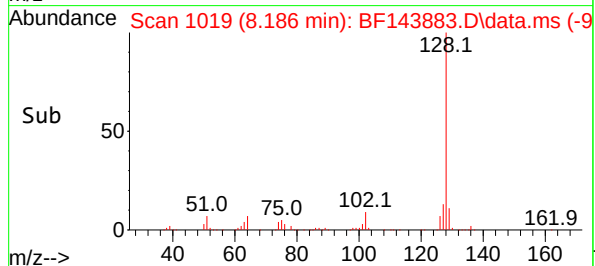
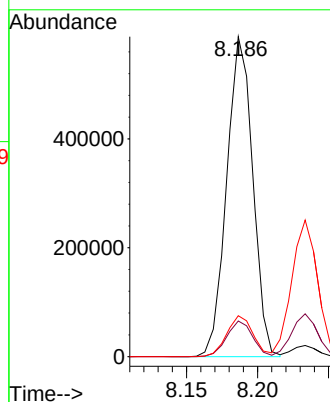
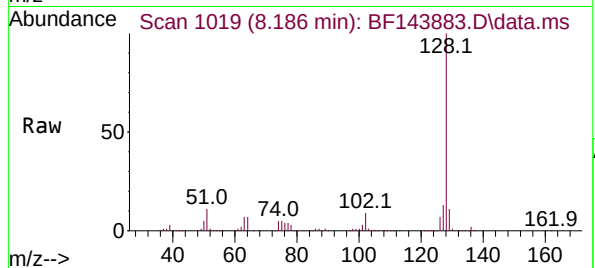
127 12.8 10.0 15.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 35.162 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.059 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

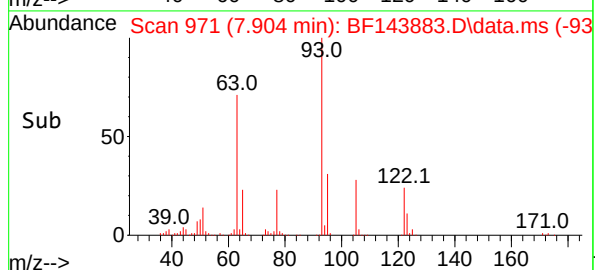
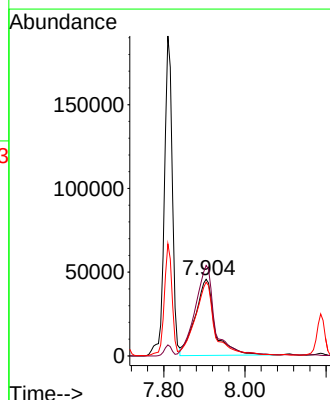
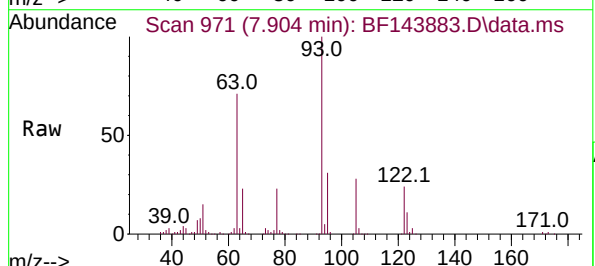
Tgt Ion:122 Resp: 154019

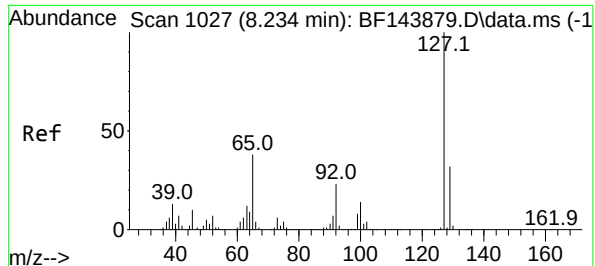
Ion Ratio Lower Upper

122 100

105 118.0 93.5 133.5

77 96.2 76.3 116.3





#33
4-Chloroaniline
Concen: 41.950 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

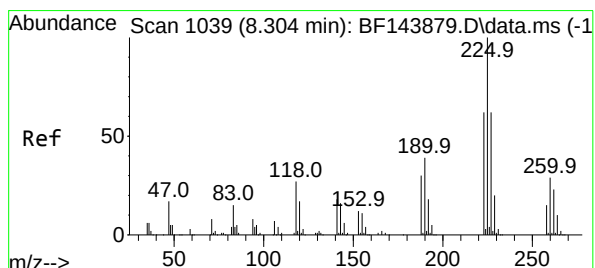
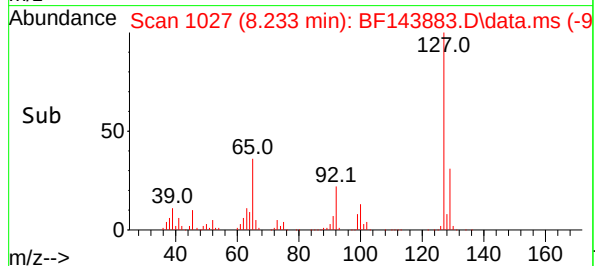
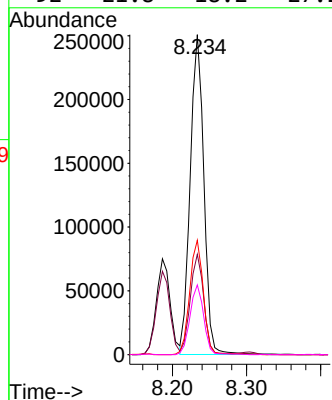
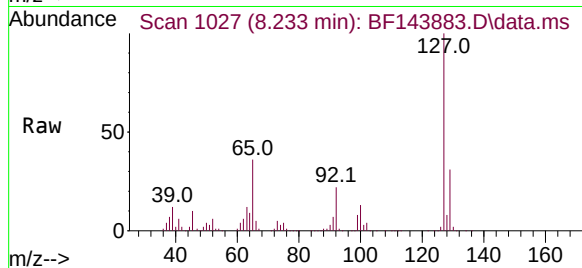
ClientSampleId :

ICVBF100625

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.8
65	35.7	30.0	45.0
92	21.8	18.2	27.2

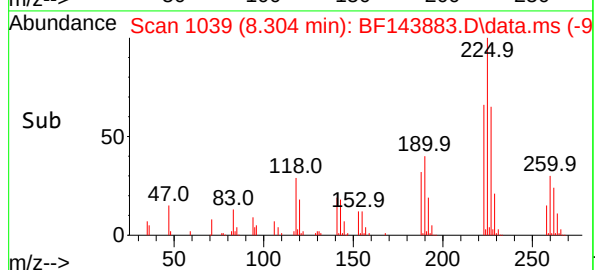
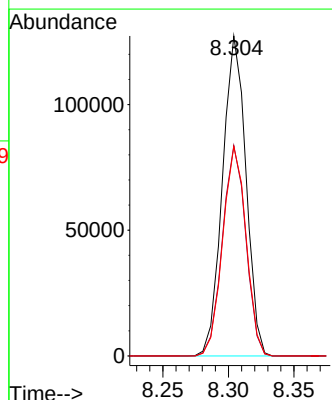
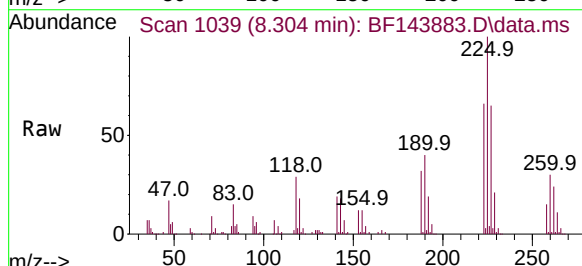
Manual Integrations
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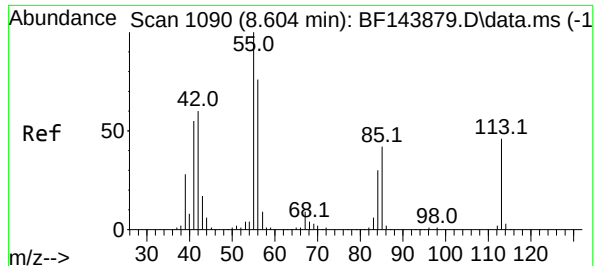
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#34
Hexachlorobutadiene
Concen: 35.201 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	49.4	74.2
227	65.4	49.7	74.5





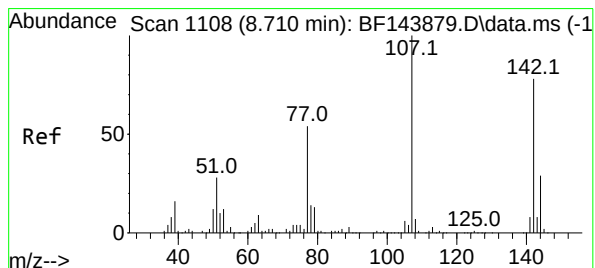
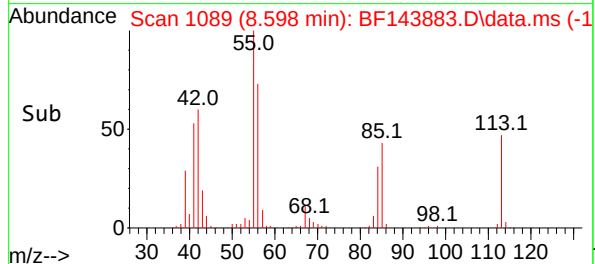
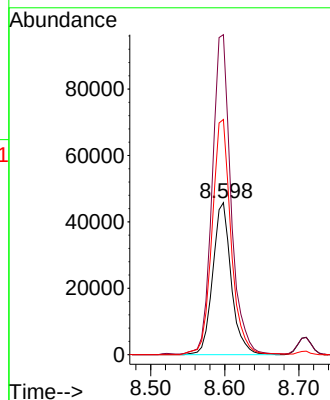
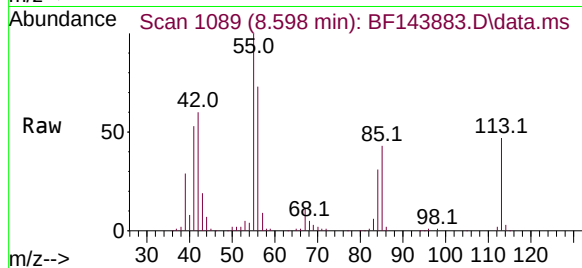
#35
Caprolactam
Concen: 37.736 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.047 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:113 Resp: 79102
Ion Ratio Lower Upper
113 100
55 210.6 199.6 239.6
56 154.8 146.0 186.0

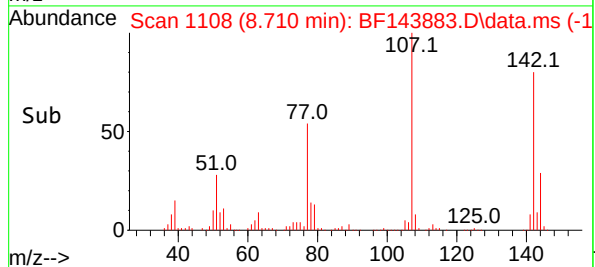
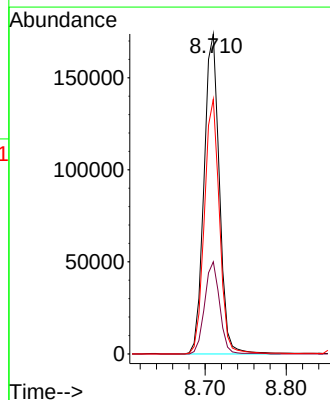
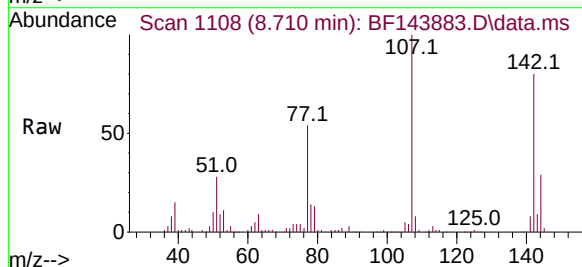
Manual Integrations
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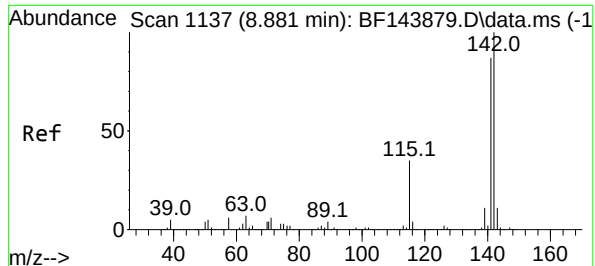
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#36
4-Chloro-3-methylphenol
Concen: 36.079 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:107 Resp: 228481
Ion Ratio Lower Upper
107 100
144 28.8 23.1 34.7
142 79.6 62.6 94.0





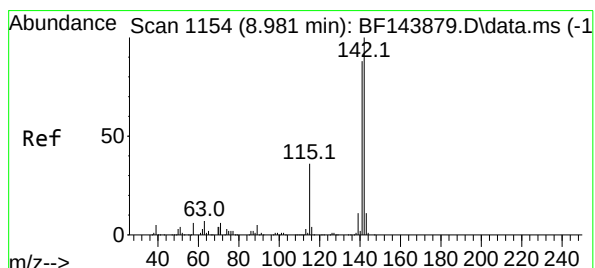
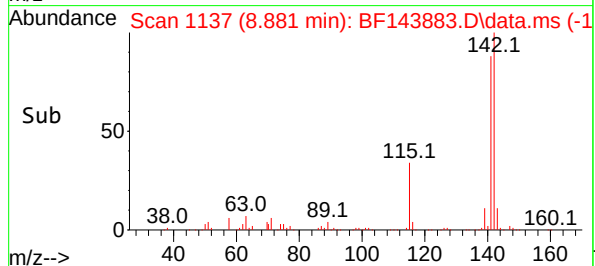
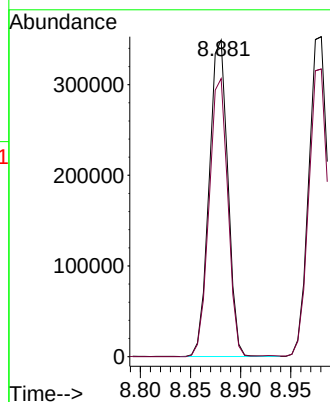
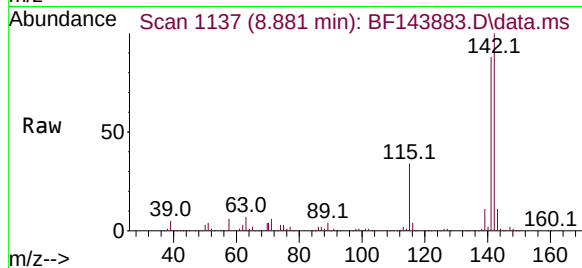
#37
2-Methylnaphthalene
Concen: 33.257 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:142 Resp: 452442
Ion Ratio Lower Upper
142 100
141 87.8 69.2 103.8

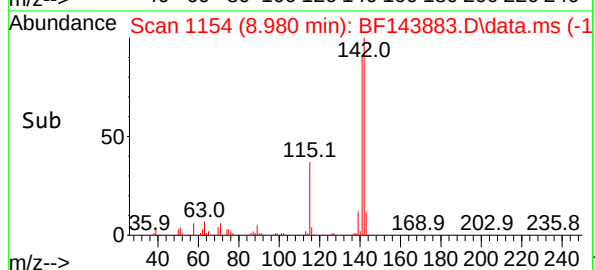
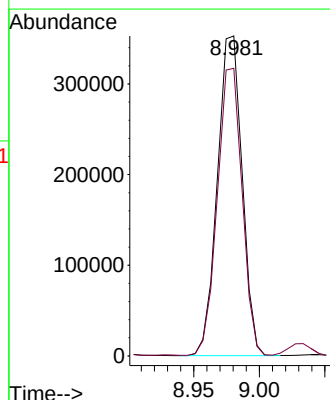
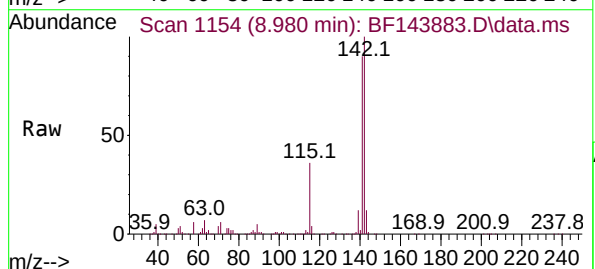
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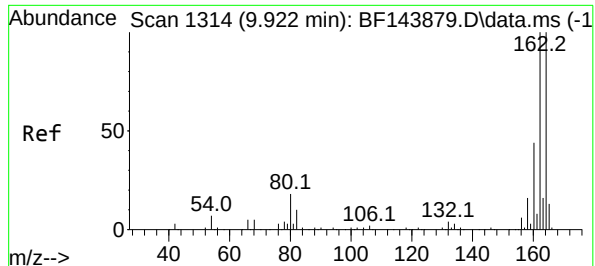
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#38
1-Methylnaphthalene
Concen: 35.269 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:142 Resp: 465414
Ion Ratio Lower Upper
142 100
141 89.9 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:164 Resp: 247780

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

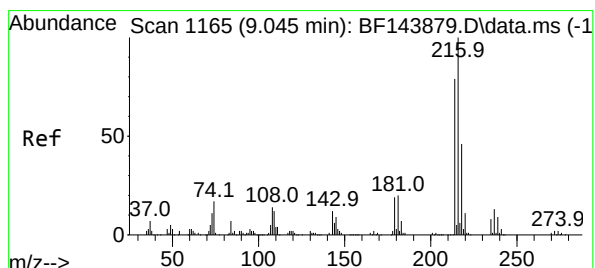
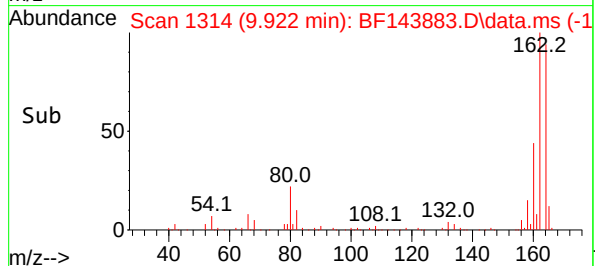
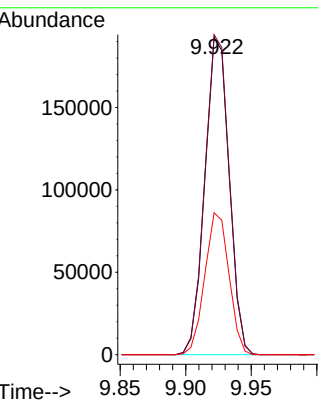
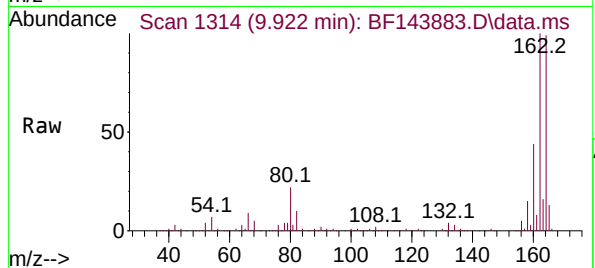
160 44.7 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.122 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:216 Resp: 254223

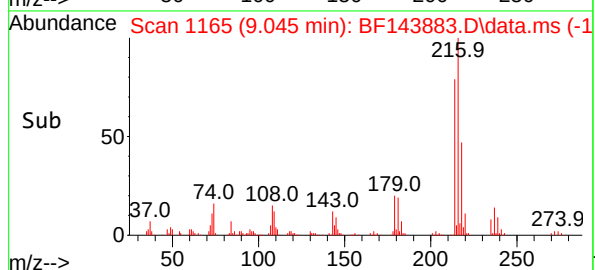
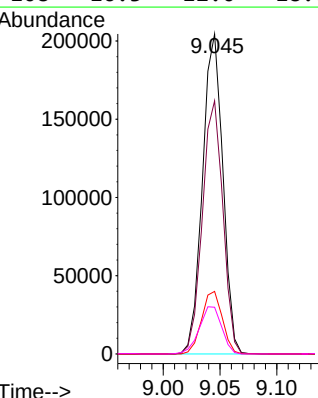
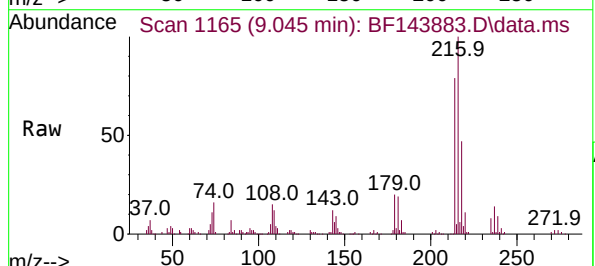
Ion Ratio Lower Upper

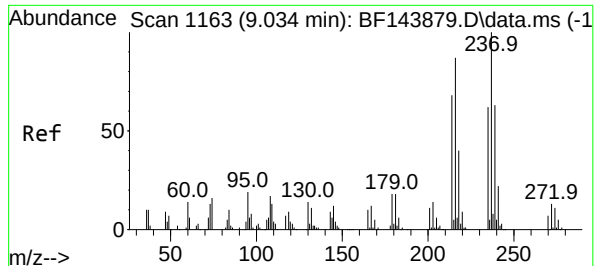
216 100

214 79.7 62.6 94.0

179 19.9 15.4 23.0

108 16.3 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 48.984 ng

RT: 9.033 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:237 Resp: 139168

Ion Ratio Lower Upper

237 100

235 62.8 42.3 82.3

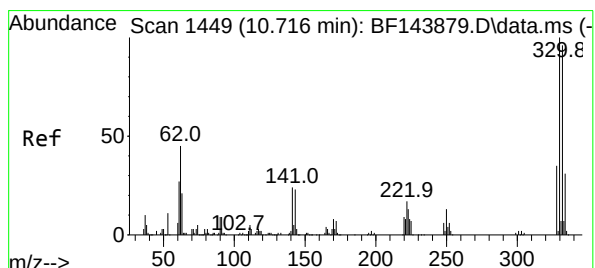
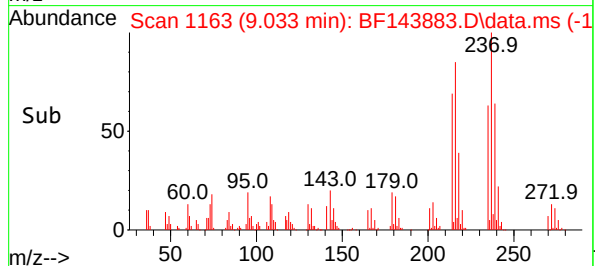
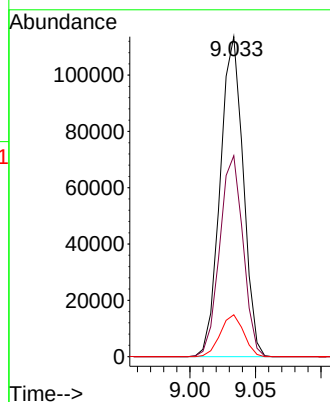
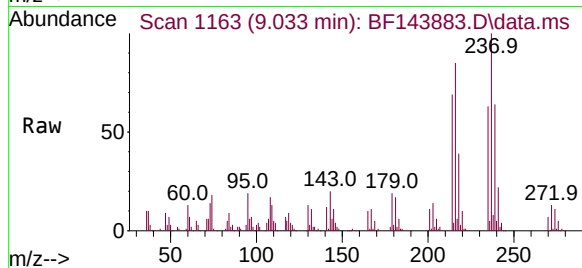
272 13.1 0.0 33.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#42

2,4,6-Tribromophenol

Concen: 71.685 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

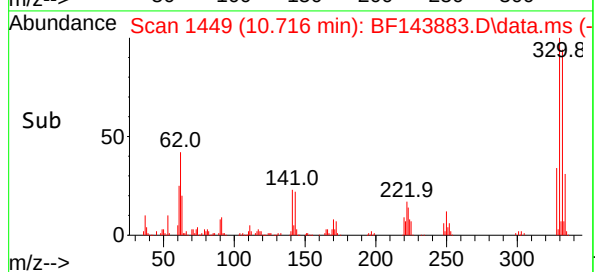
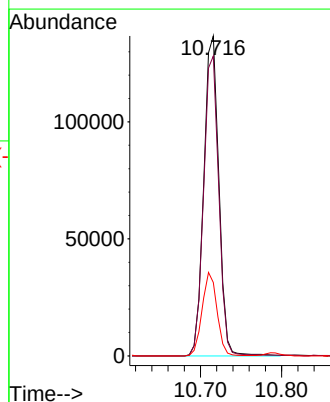
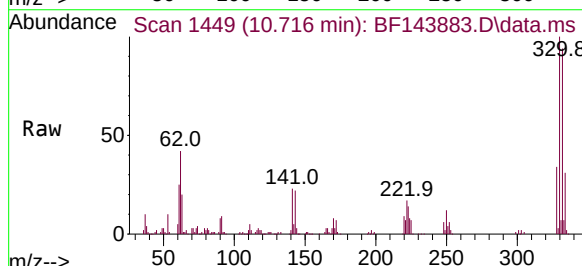
Tgt Ion:330 Resp: 176914

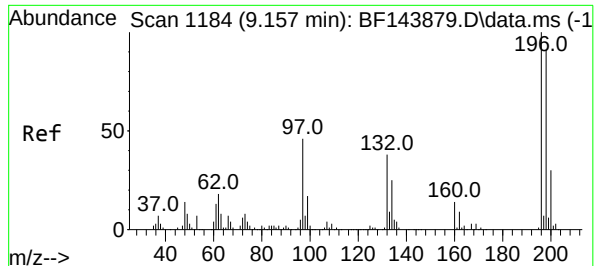
Ion Ratio Lower Upper

330 100

332 94.3 76.9 115.3

141 25.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 36.726 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143883.D

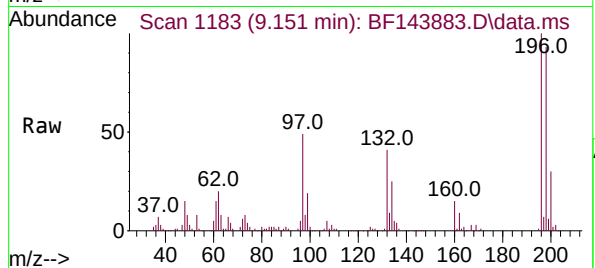
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625



Tgt Ion:196 Resp: 183769

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

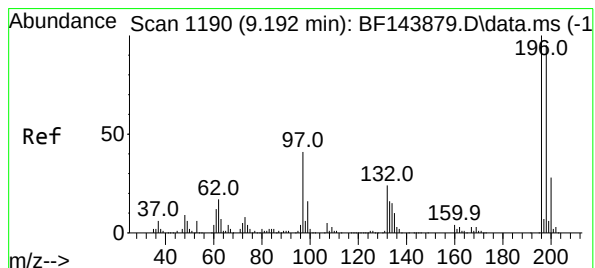
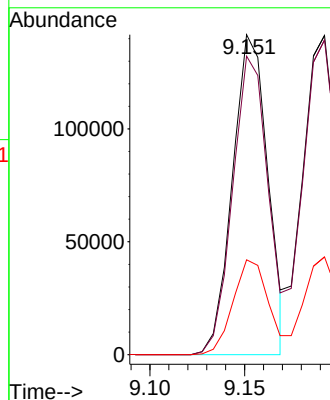
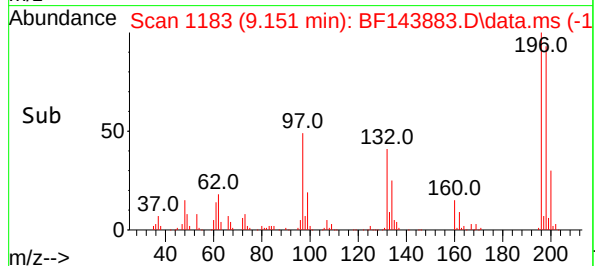
200 29.6 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

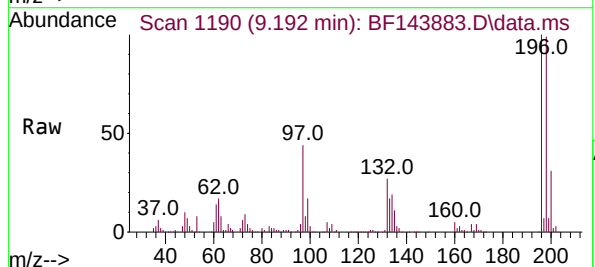
Concen: 35.194 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08



Tgt Ion:196 Resp: 186099

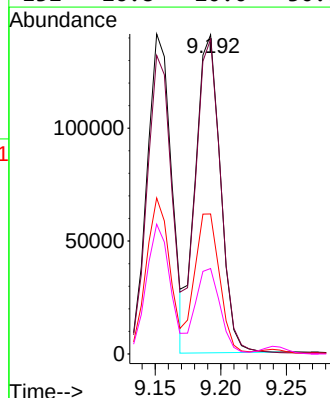
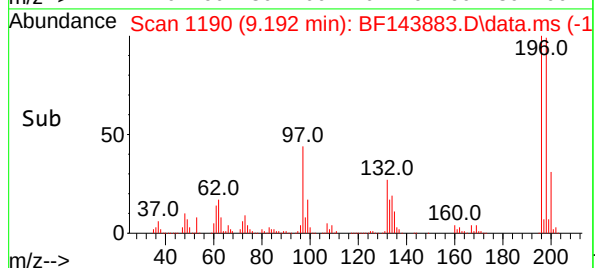
Ion Ratio Lower Upper

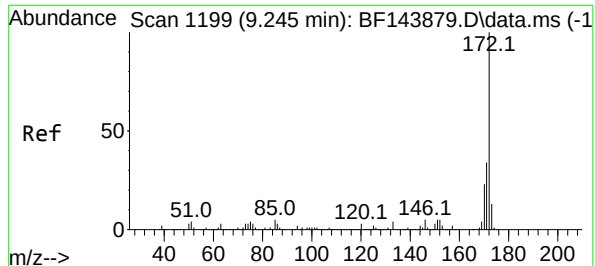
196 100

198 98.6 75.5 113.3

97 43.8 33.9 50.9

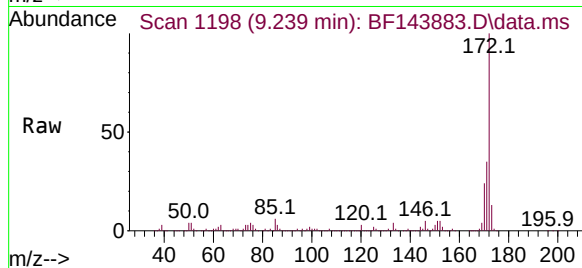
132 26.8 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 67.621 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

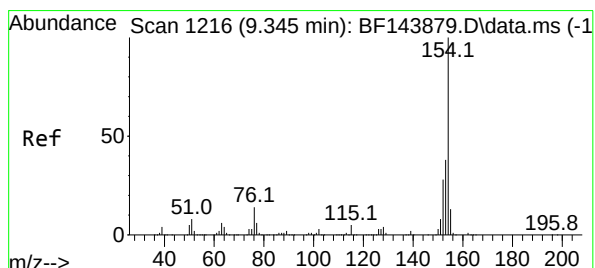
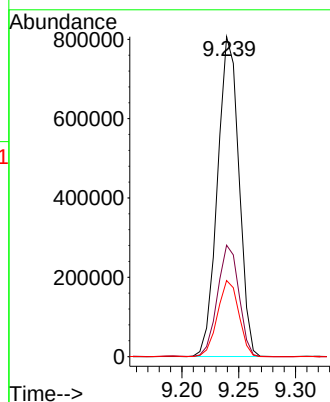
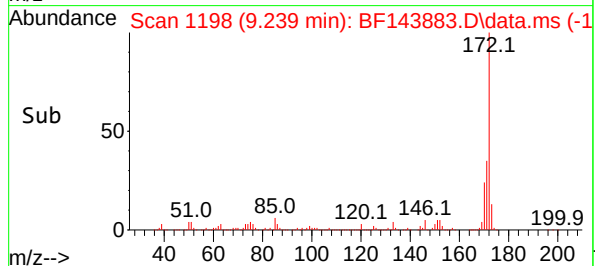
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:172 Resp: 105594
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.8 18.6 28.0

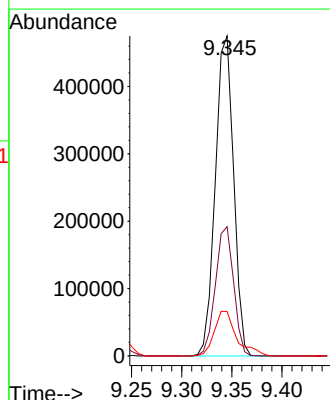
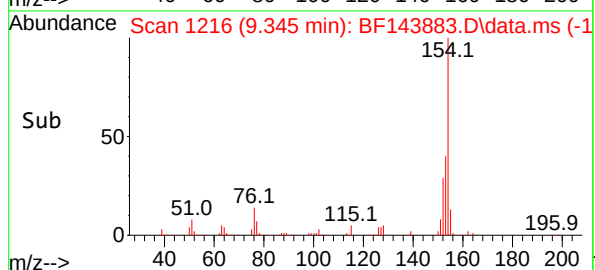
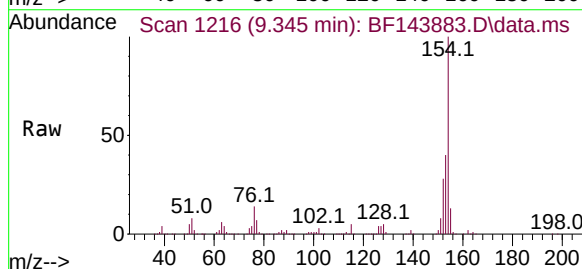
Manual Integrations
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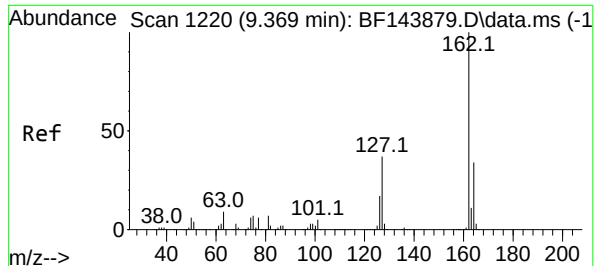
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#46
1,1'-Biphenyl
Concen: 36.770 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:154 Resp: 603213
Ion Ratio Lower Upper
154 100
153 40.4 18.4 58.4
76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 36.454 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:162 Resp: 498615

Ion Ratio Lower Upper

162 100

127 35.6 30.2 45.2

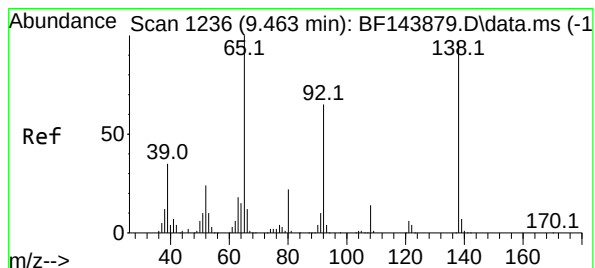
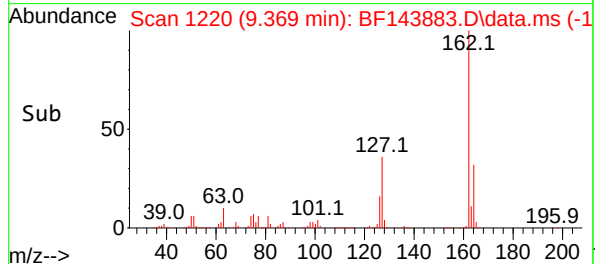
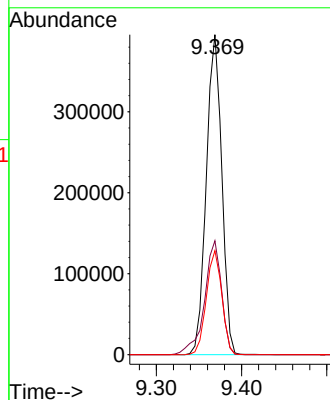
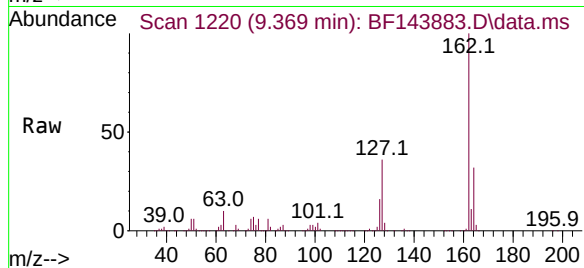
164 32.5 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

Concen: 38.894 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

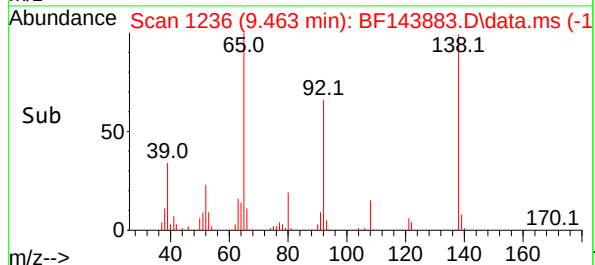
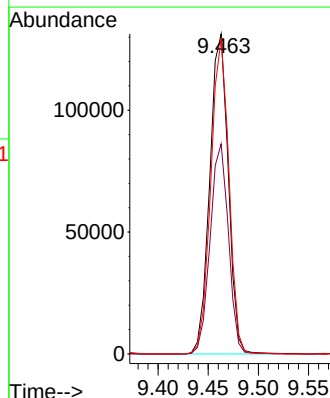
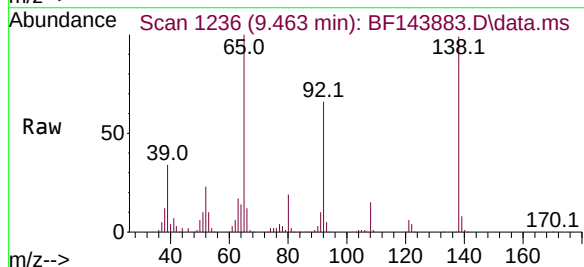
Tgt Ion: 65 Resp: 168191

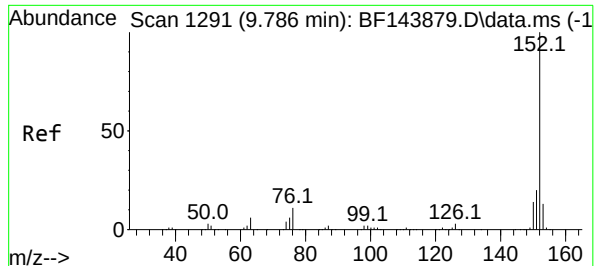
Ion Ratio Lower Upper

65 100

92 65.6 52.1 78.1

138 98.5 77.4 116.2





#49

Acenaphthylene

Concen: 40.859 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143883.D

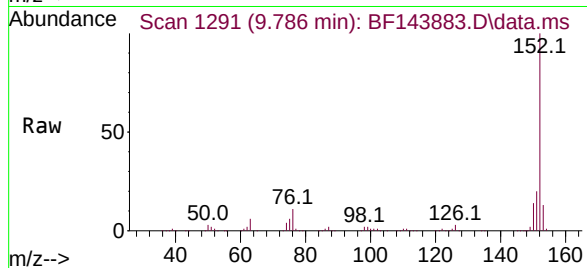
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625



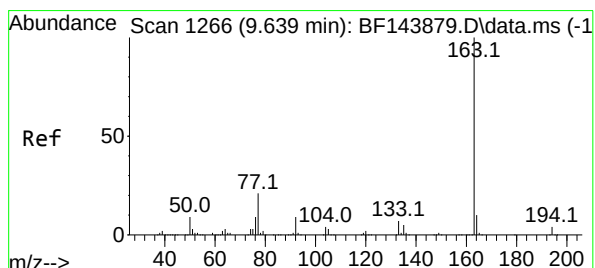
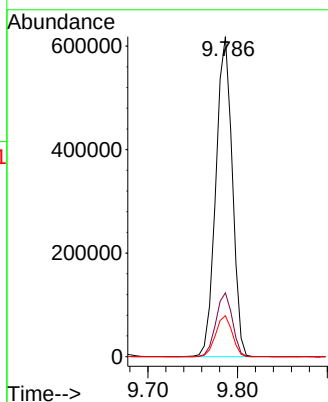
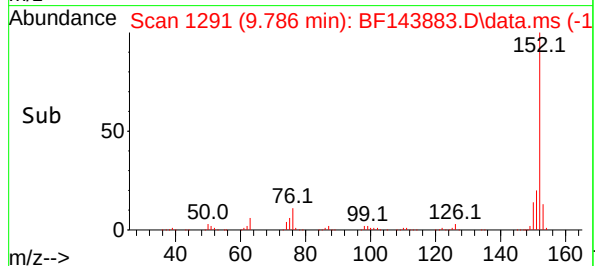
Tgt Ion:	152	Resp:	78569
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.6
153	12.8	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

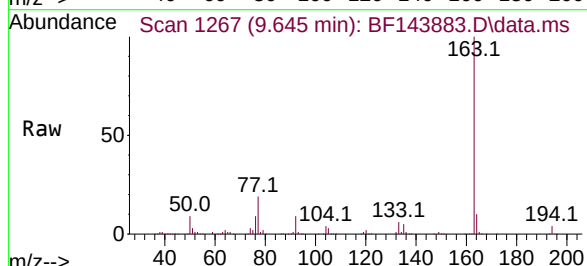
Concen: 35.968 ng

RT: 9.645 min Scan# 1267

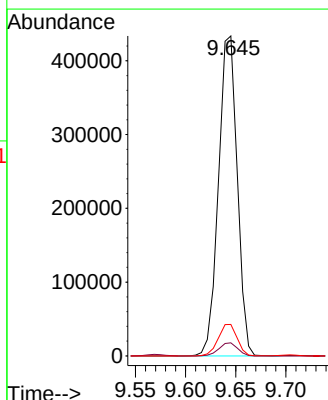
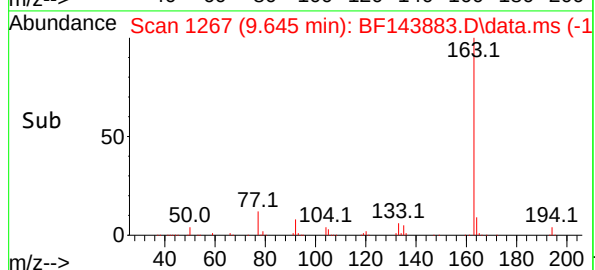
Delta R.T. 0.000 min

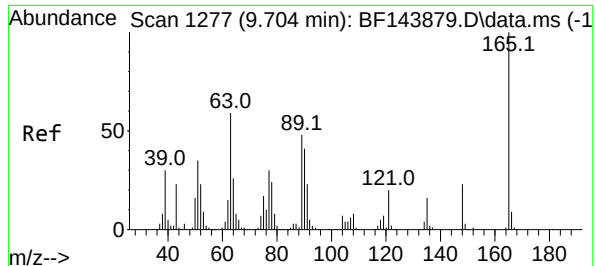
Lab File: BF143883.D

Acq: 06 Oct 2025 16:08



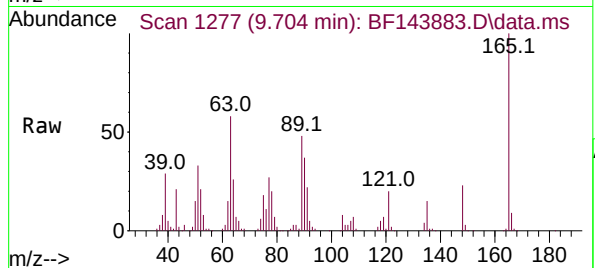
Tgt Ion:	163	Resp:	565953
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	9.8	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 41.967 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

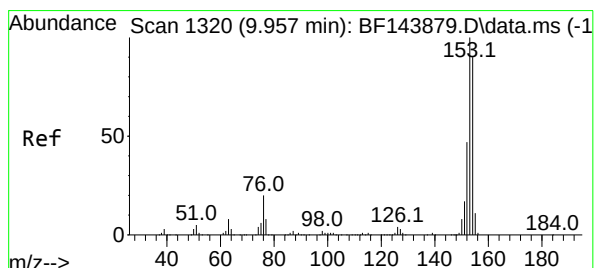
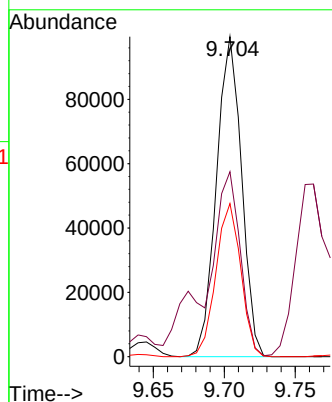
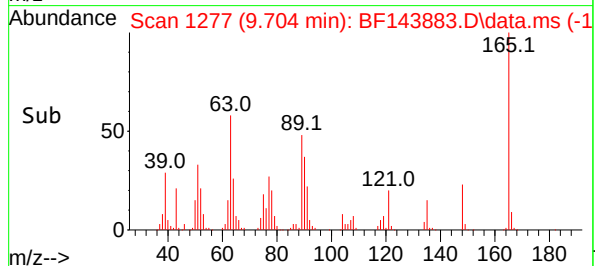
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:165 Resp: 122449
Ion Ratio Lower Upper
165 100
63 57.8 47.3 70.9
89 47.8 38.2 57.4

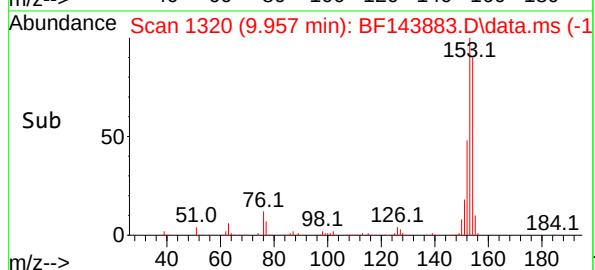
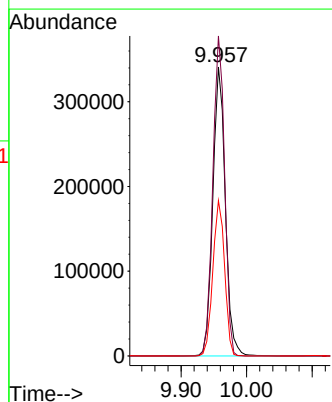
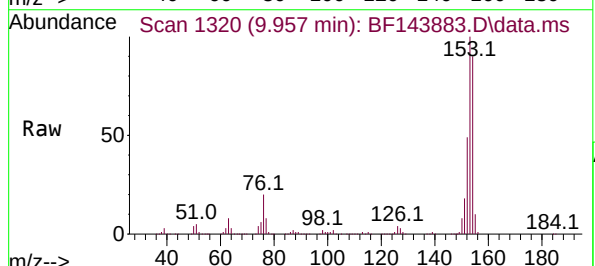
Manual Integrations
APPROVED

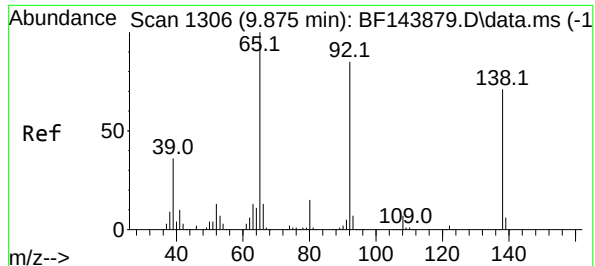
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#52
Acenaphthene
Concen: 35.913 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:154 Resp: 452513
Ion Ratio Lower Upper
154 100
153 110.8 89.3 133.9
152 53.8 42.2 63.2





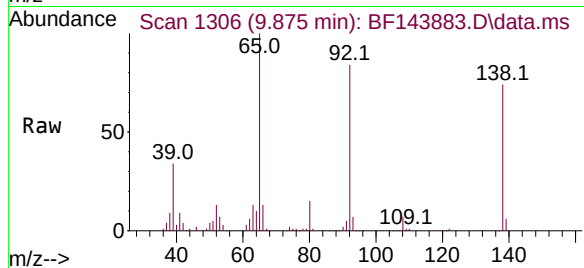
#53
3-Nitroaniline
Concen: 40.493 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

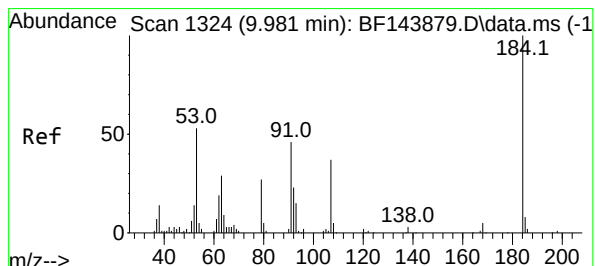
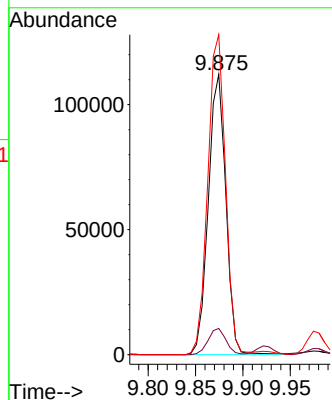
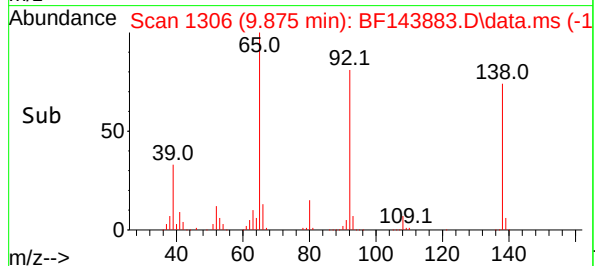


Tgt Ion:138 Resp: 144668
Ion Ratio Lower Upper
138 100
108 9.3 8.3 12.5
92 114.2 96.2 144.2

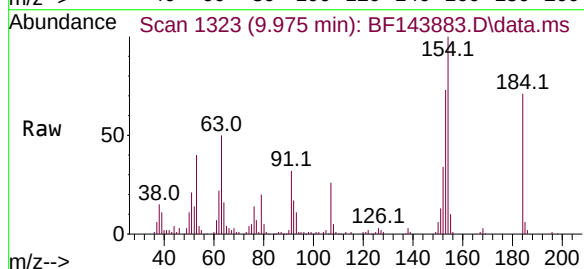
Manual Integrations

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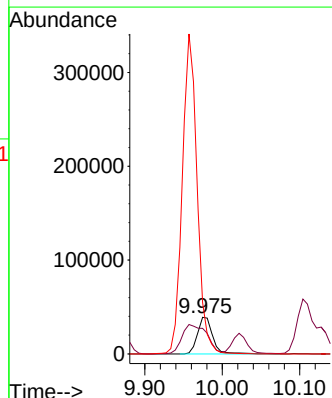
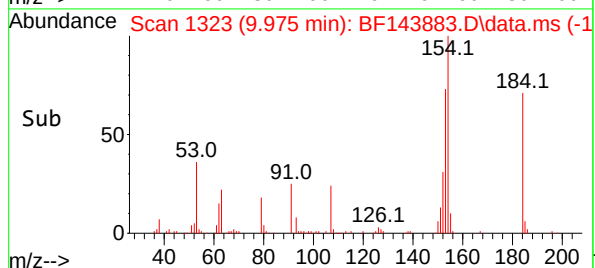
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

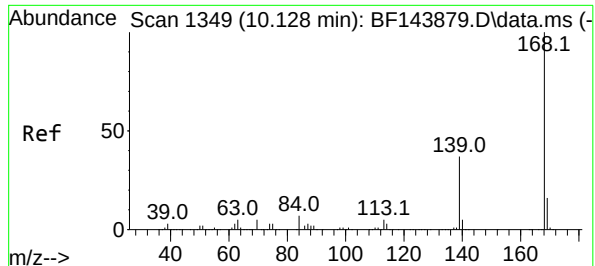


#54
2,4-Dinitrophenol
Concen: 33.731 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



Tgt Ion:184 Resp: 52796
Ion Ratio Lower Upper
184 100
63 70.0 48.2 72.4
154 140.2 49.2 73.8





#55

Dibenzenofuran

Concen: 36.717 ng

RT: 10.127 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:168 Resp: 653073

Ion Ratio Lower Upper

168 100

139 37.2 29.8 44.8

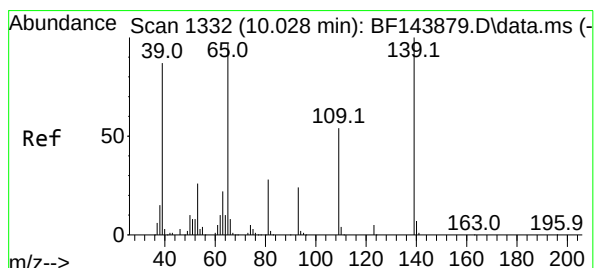
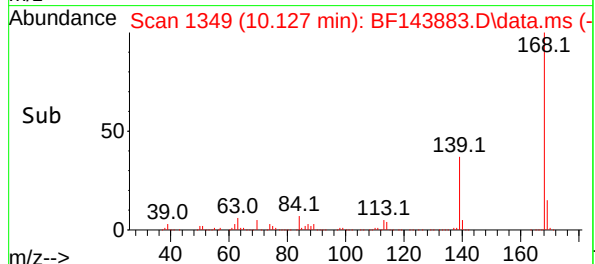
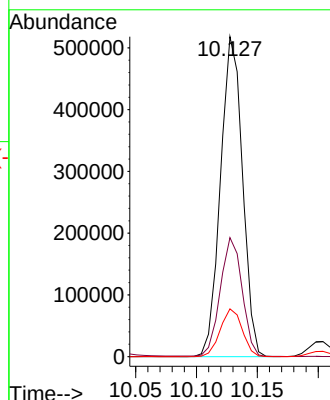
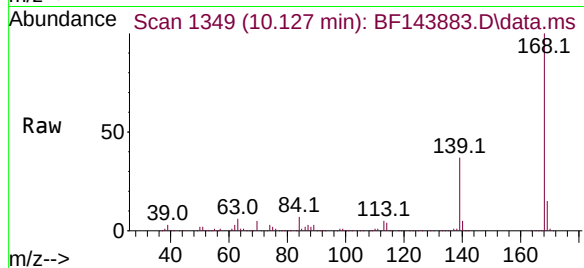
169 15.0 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

Concen: 36.850 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.017 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

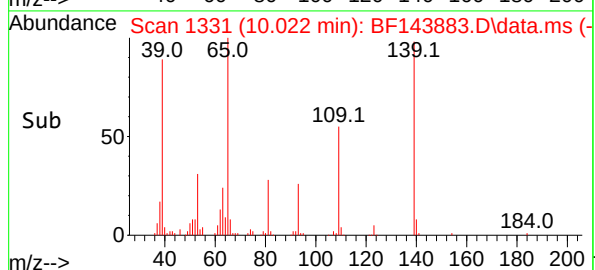
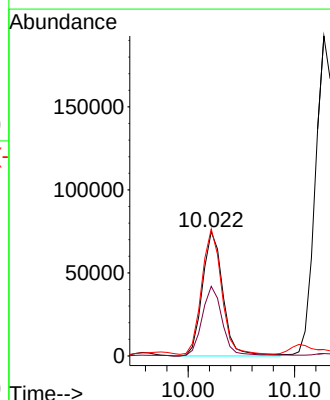
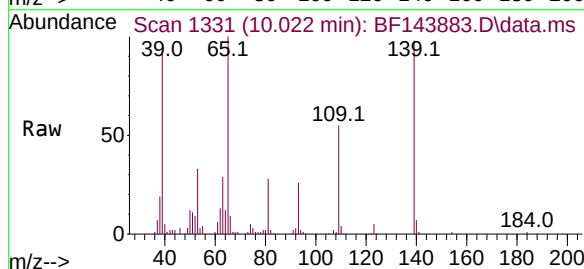
Tgt Ion:139 Resp: 99684

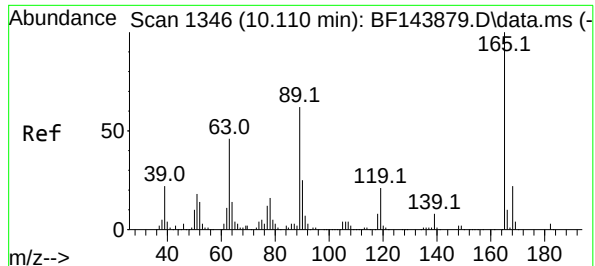
Ion Ratio Lower Upper

139 100

109 56.0 34.5 74.5

65 102.2 77.6 117.6





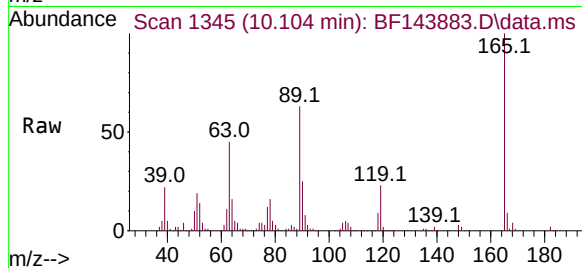
#57
2,4-Dinitrotoluene
Concen: 41.169 ng
RT: 10.104 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

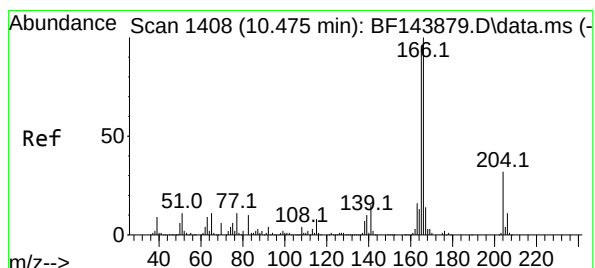
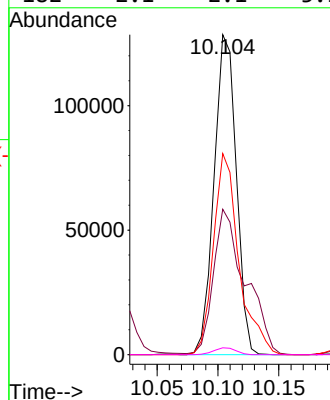
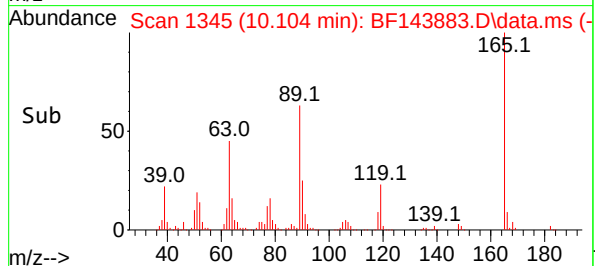


Tgt Ion:165 Resp: 163440
Ion Ratio Lower Upper
165 100
63 45.4 37.2 55.8
89 62.8 49.4 74.2
182 2.1 2.1 3.1

Manual Integrations

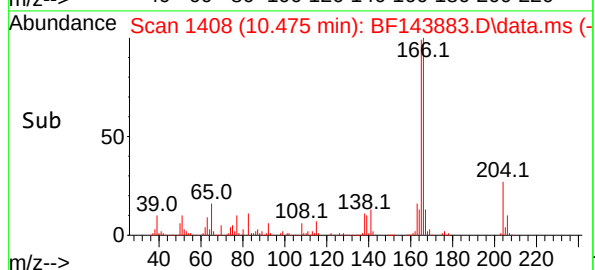
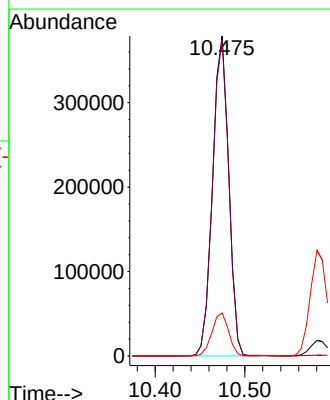
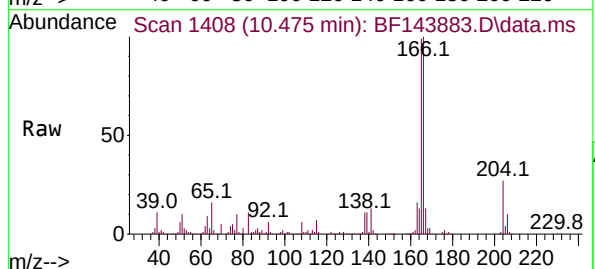
APPROVED

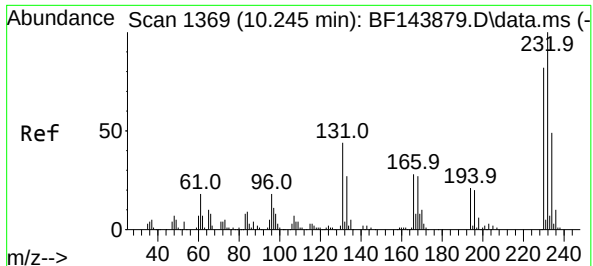
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#58
Fluorene
Concen: 35.527 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

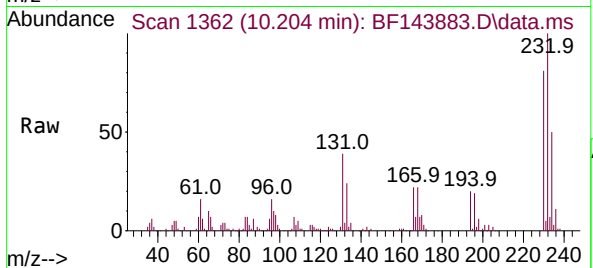
Tgt Ion:166 Resp: 476811
Ion Ratio Lower Upper
166 100
165 98.7 77.0 115.6
167 13.4 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.488 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.047 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

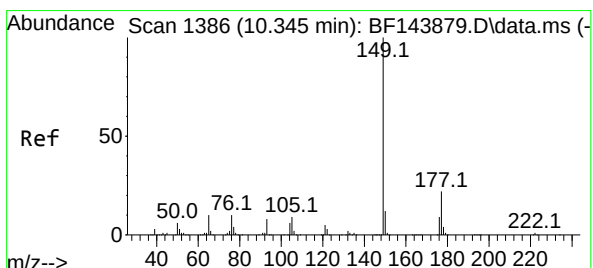
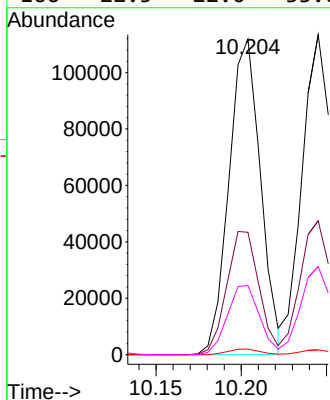
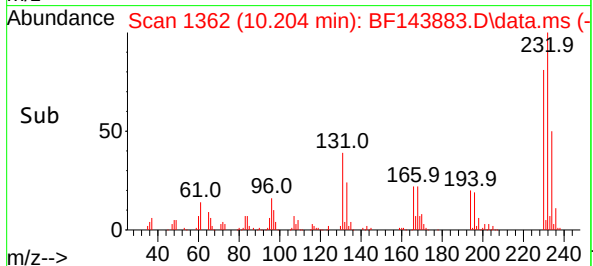
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:232 Resp: 144064
Ion Ratio Lower Upper
232 100
131 40.0 34.9 52.3
130 1.8 1.6 2.4
166 22.5 22.0 33.0

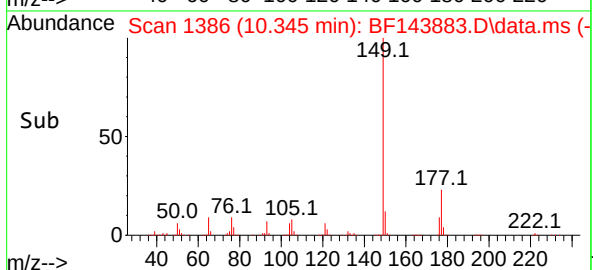
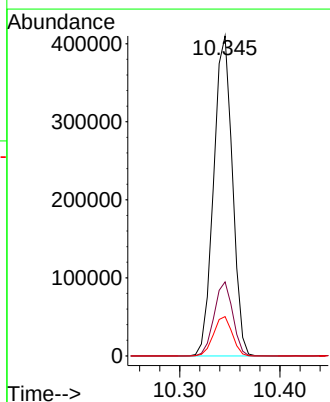
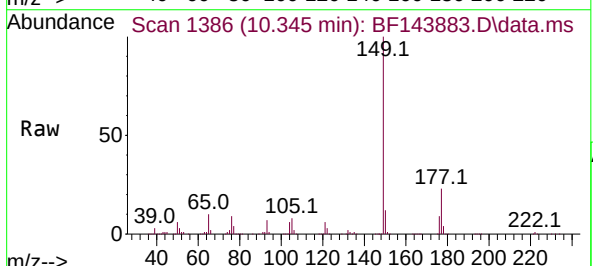
Manual Integrations
APPROVED

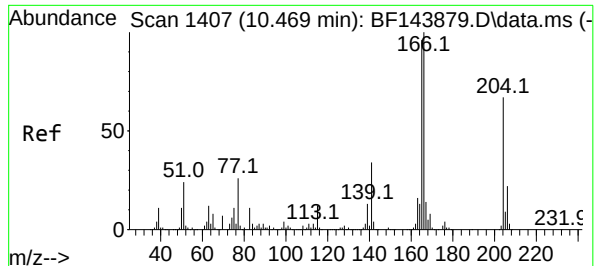
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#60
Diethylphthalate
Concen: 36.501 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

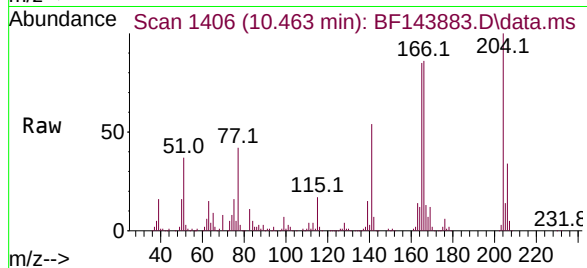
Tgt Ion:149 Resp: 533574
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 36.113 ng
RT: 10.463 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

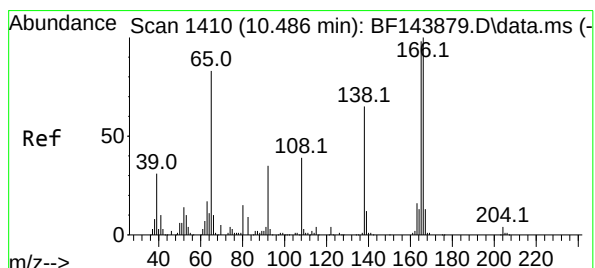
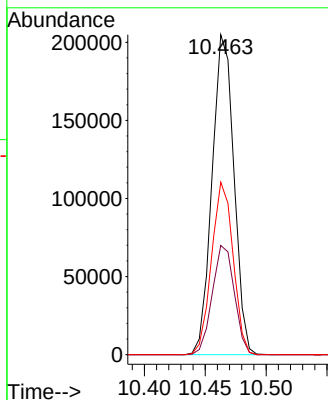
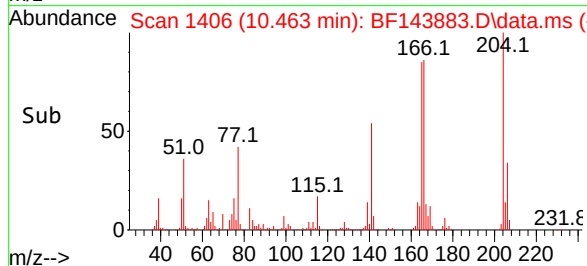
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



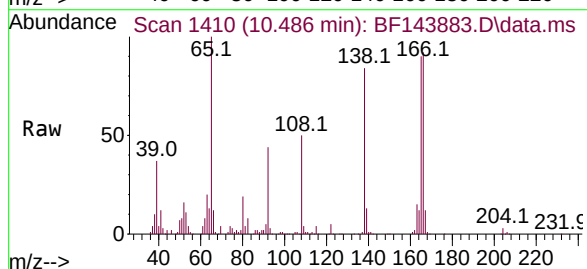
Tgt Ion:204 Resp: 25624
Ion Ratio Lower Upper
204 100
206 34.1 26.6 40.0
141 53.9 40.4 60.6

Manual Integrations
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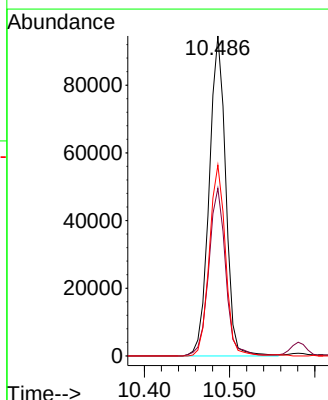
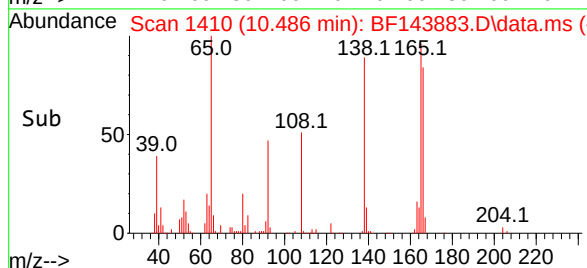
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

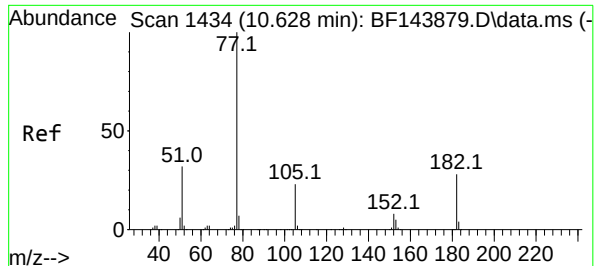


#62
4-Nitroaniline
Concen: 37.074 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



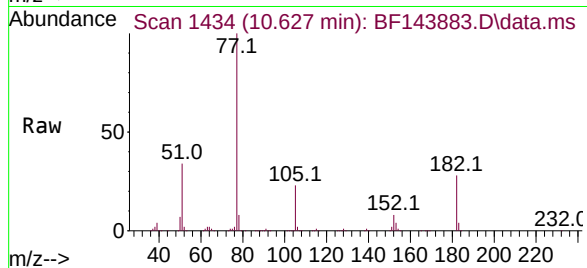
Tgt Ion:138 Resp: 127369
Ion Ratio Lower Upper
138 100
92 52.4 33.9 73.9
108 59.6 40.2 80.2





#63
Azobenzene
Concen: 36.837 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

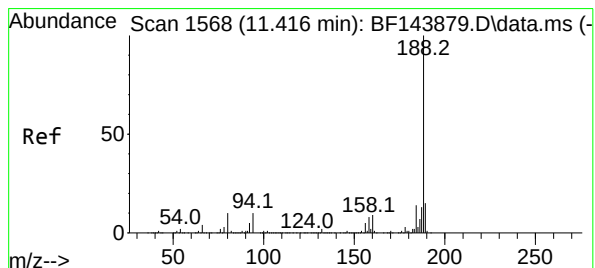
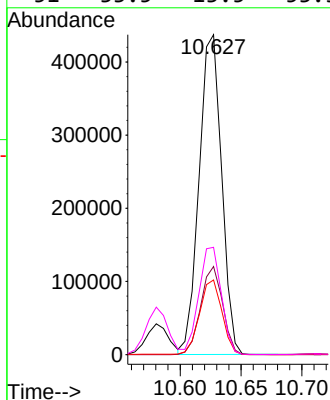
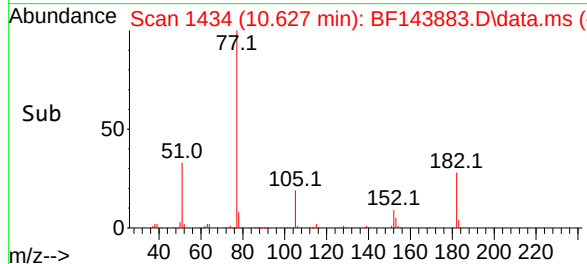
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



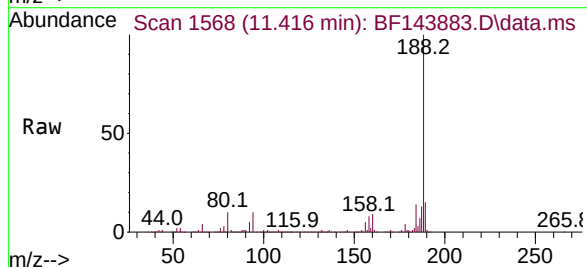
Tgt Ion: 77 Resp: 56278
Ion Ratio Lower Upper
77 100
182 27.5 7.3 47.3
105 23.3 3.0 43.0
51 33.5 13.5 53.5

Manual Integrations
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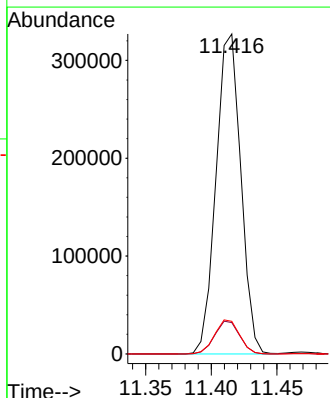
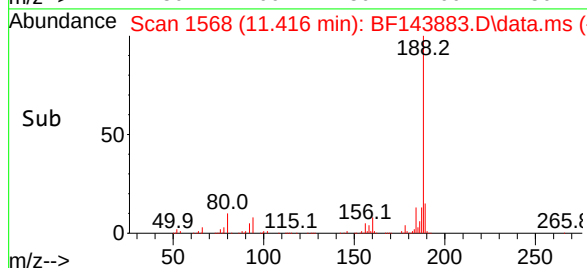
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

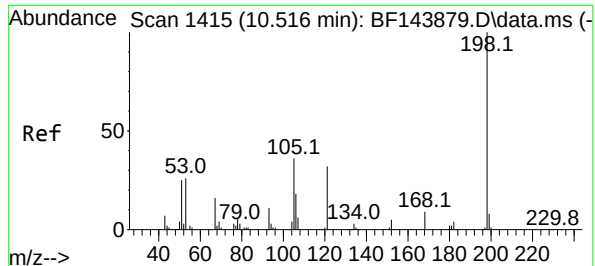


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



Tgt Ion:188 Resp: 431562
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.2 7.9 11.9





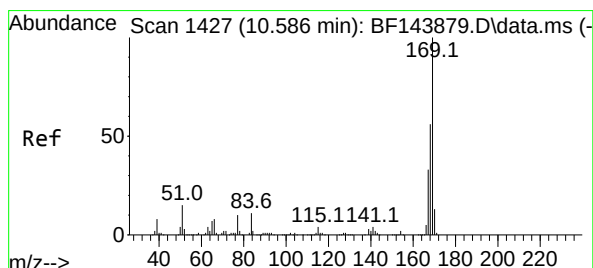
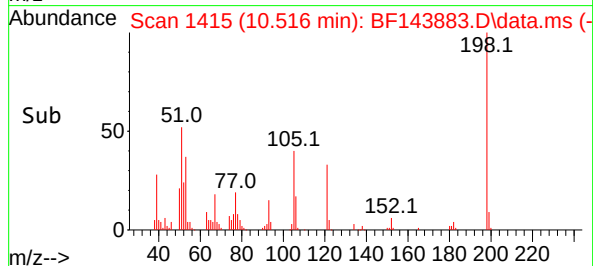
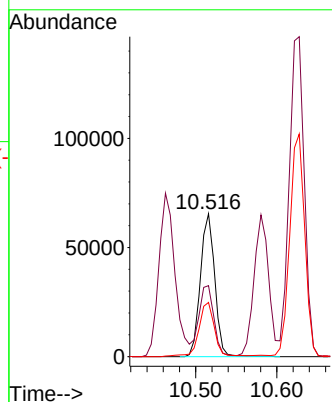
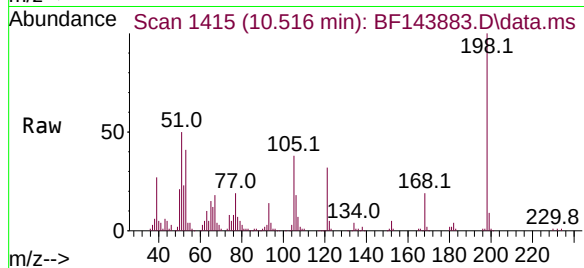
#65
4,6-Dinitro-2-methylphenol
Concen: 37.083 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:198 Resp: 80422
Ion Ratio Lower Upper
198 100
51 49.7 33.8 73.8
105 37.9 17.0 57.0

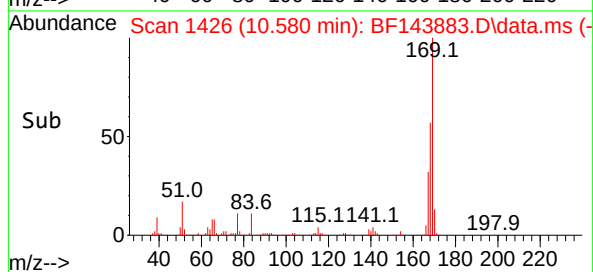
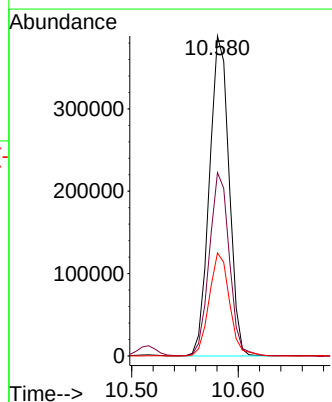
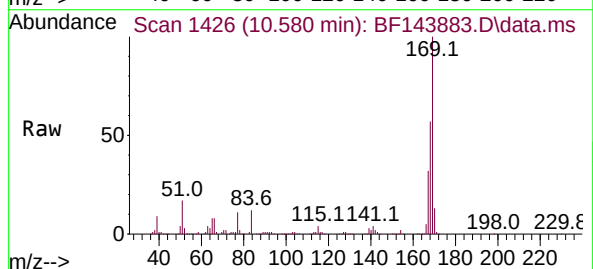
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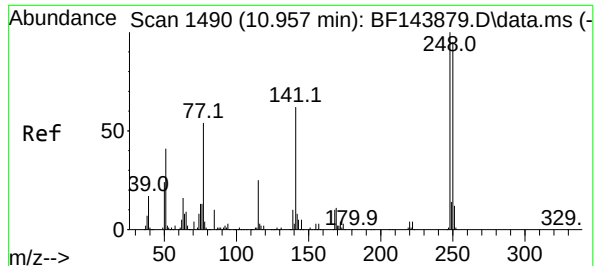
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#66
n-Nitrosodiphenylamine
Concen: 36.649 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

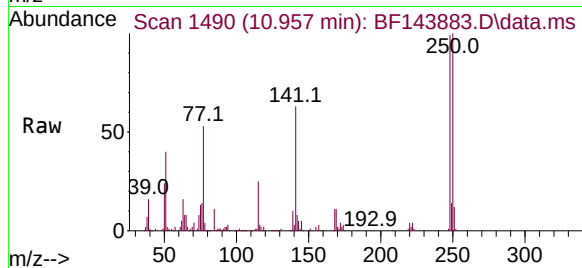
Tgt Ion:169 Resp: 496618
Ion Ratio Lower Upper
169 100
168 57.3 44.9 67.3
167 32.2 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 33.973 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

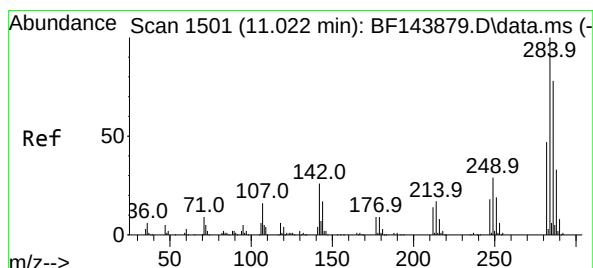
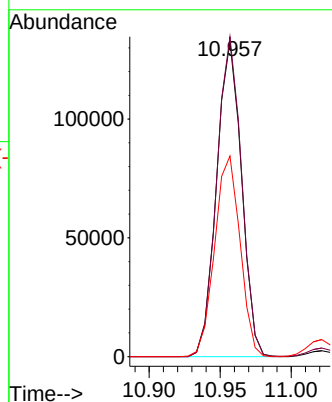
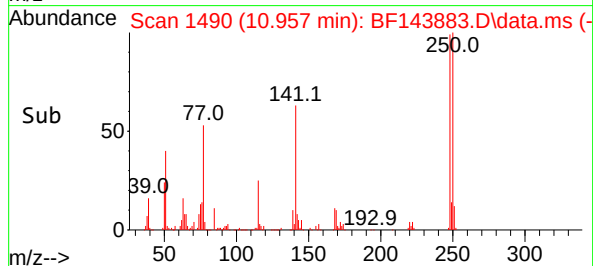
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:248 Resp: 162033
Ion Ratio Lower Upper
248 100
250 101.4 76.3 114.5
141 63.6 49.7 74.5

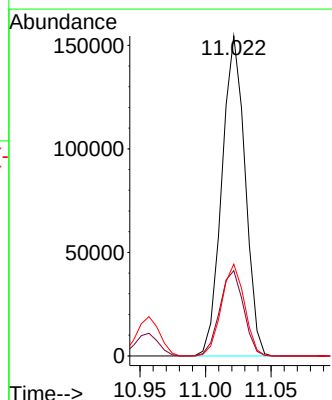
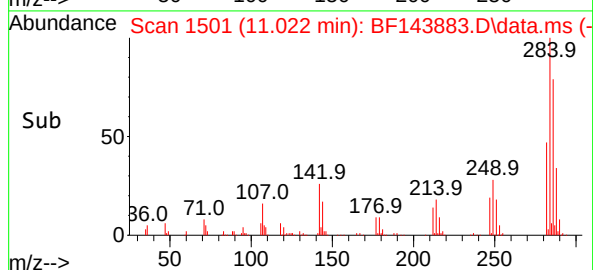
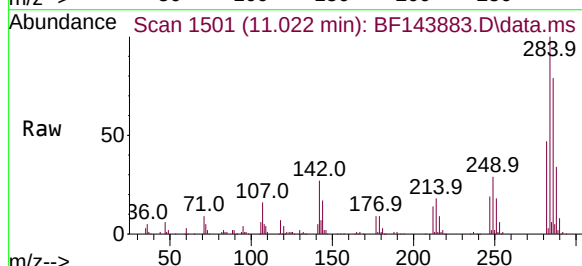
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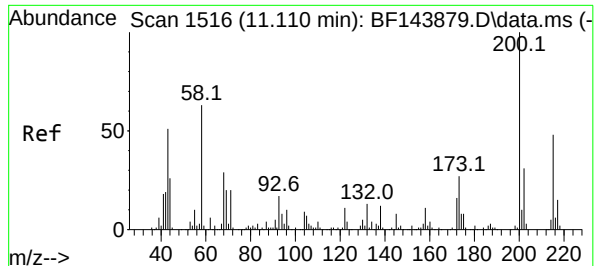
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#68
Hexachlorobenzene
Concen: 34.415 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:284 Resp: 190028
Ion Ratio Lower Upper
284 100
142 26.6 20.6 30.8
249 28.7 23.2 34.8





#69

Atrazine

Concen: 39.016 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:200 Resp: 160244

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

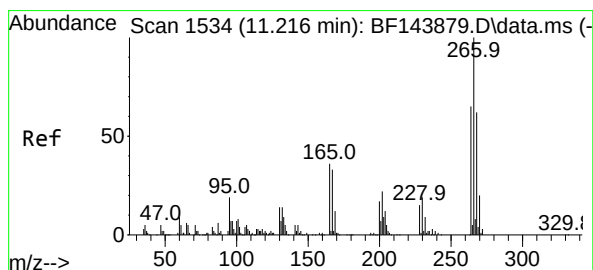
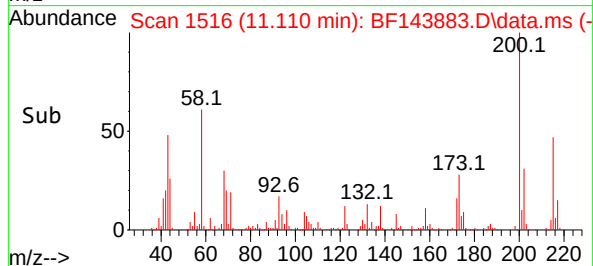
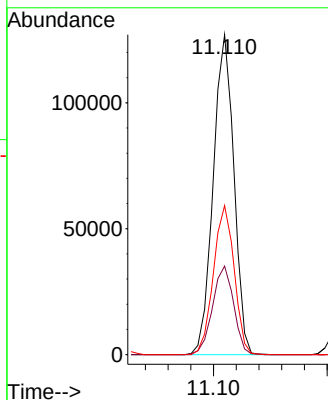
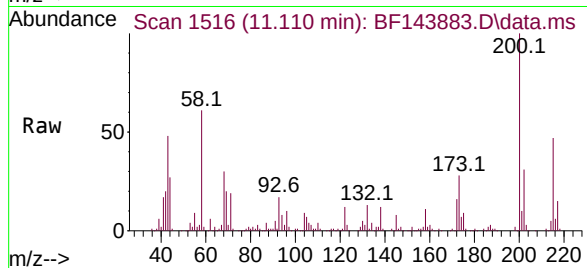
215 46.6 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 33.097 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

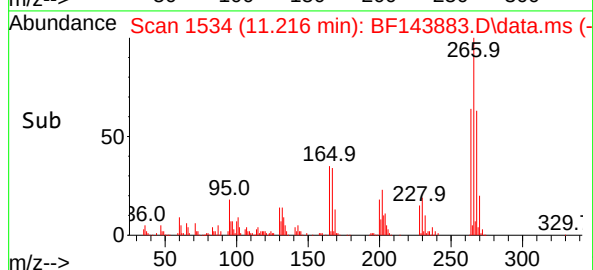
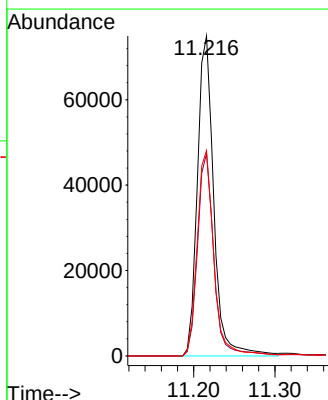
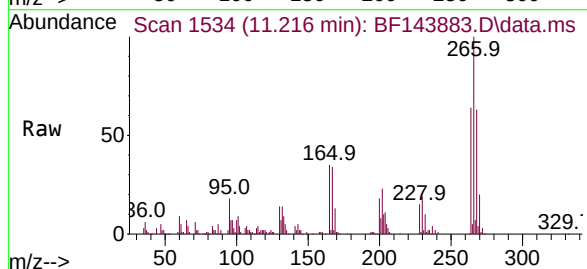
Tgt Ion:266 Resp: 104958

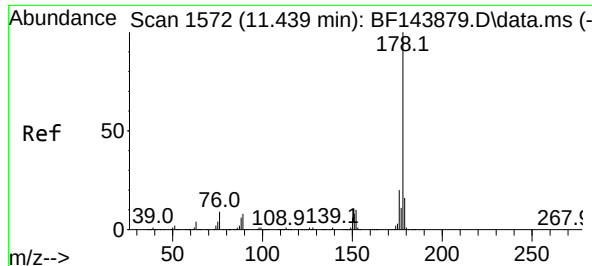
Ion Ratio Lower Upper

266 100

268 63.3 49.4 74.0

264 64.2 51.8 77.6





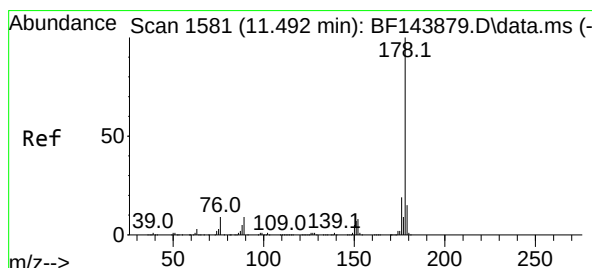
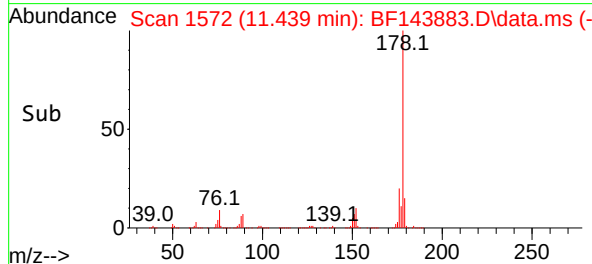
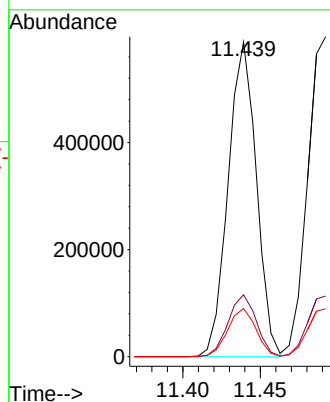
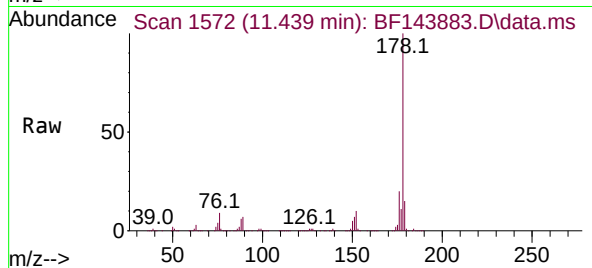
#71
Phenanthrene
Concen: 35.542 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:178 Resp: 743609
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.3 12.4 18.6

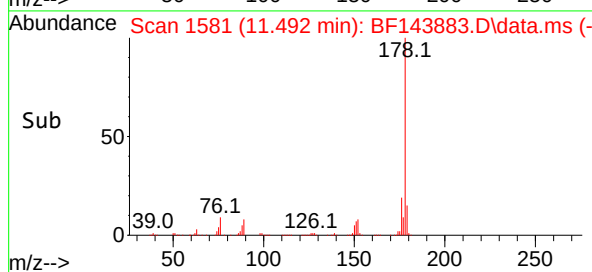
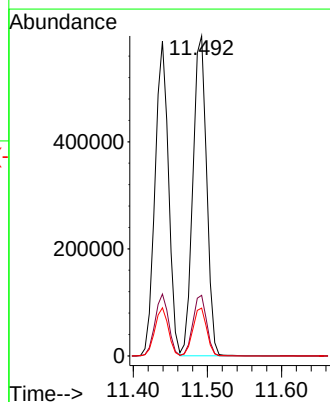
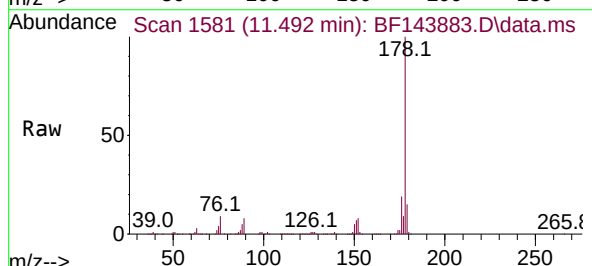
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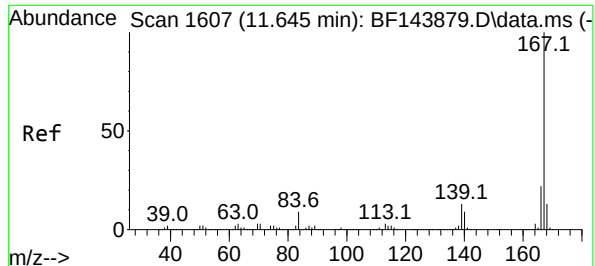
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#72
Anthracene
Concen: 36.273 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

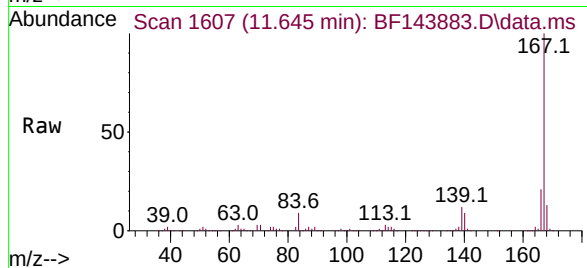
Tgt Ion:178 Resp: 766674
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 14.9 12.2 18.2





#73
Carbazole
Concen: 36.246 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

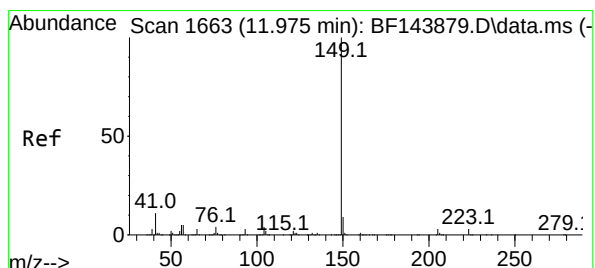
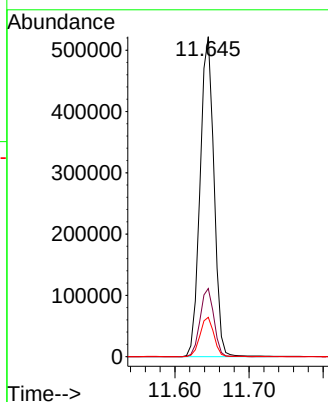
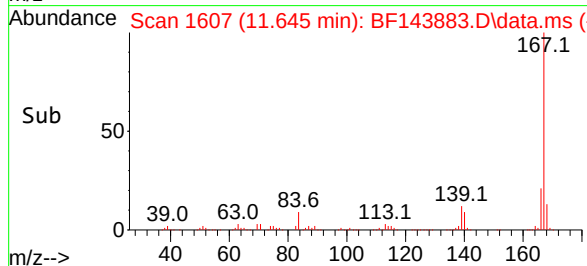
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



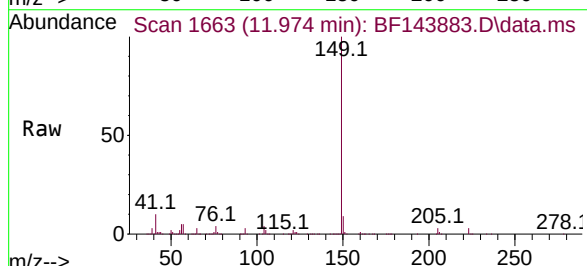
Tgt Ion:167 Resp: 678522
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.3 10.1 15.1

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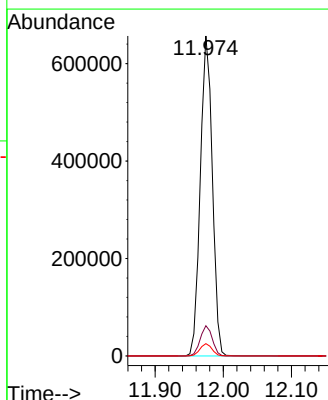
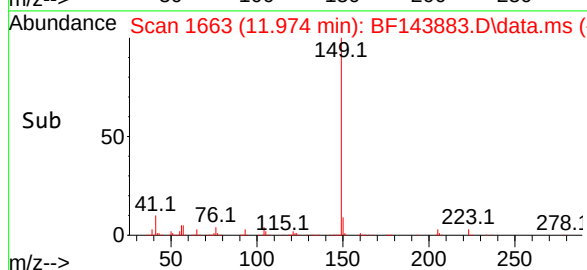
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

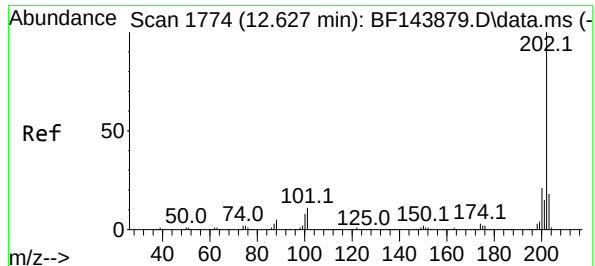


#74
Di-n-butylphthalate
Concen: 37.171 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



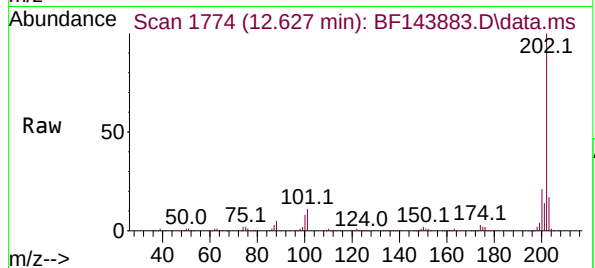
Tgt Ion:149 Resp: 806451
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 3.9 3.4 5.2





#75
Fluoranthene
Concen: 36.019 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

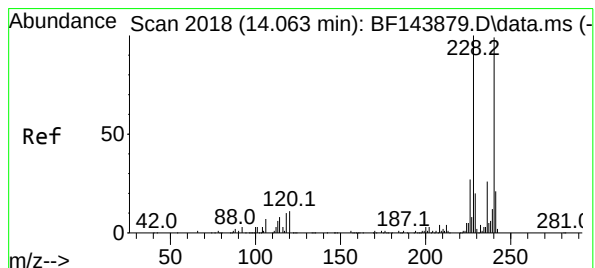
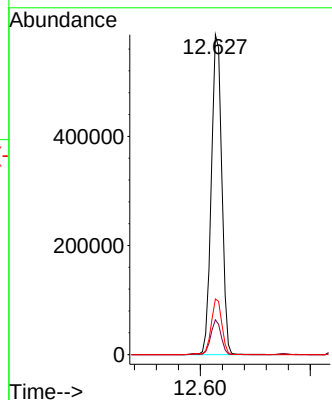
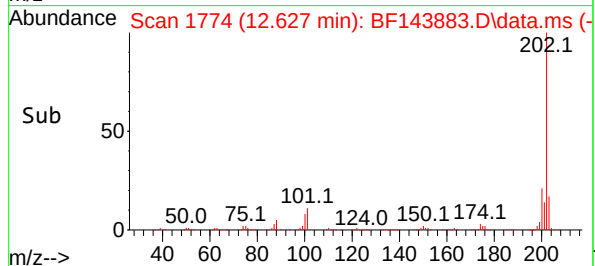
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:202 Resp: 778418
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.4 0.0 37.8

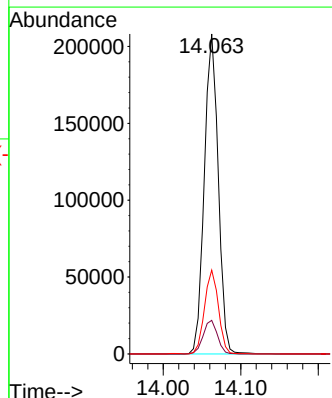
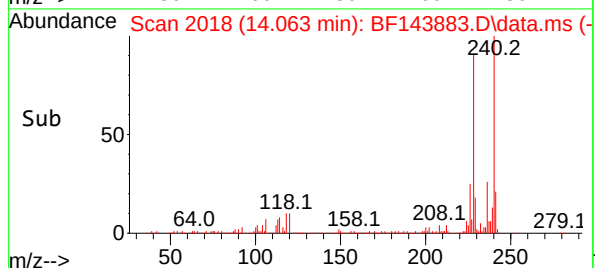
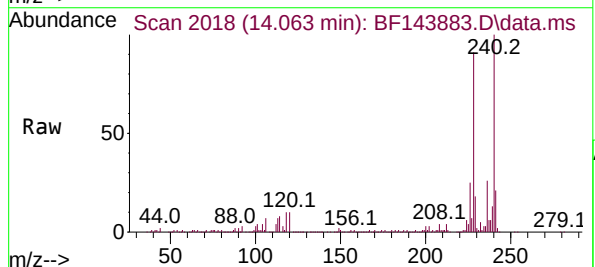
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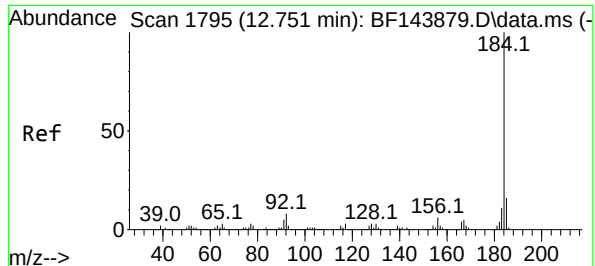
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:240 Resp: 259802
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 26.2 21.1 31.7





#77

Benzidine

Concen: 45.411 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:184 Resp: 409653

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

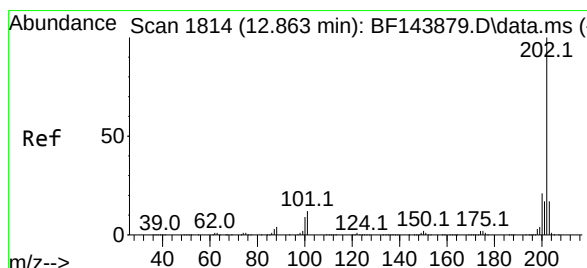
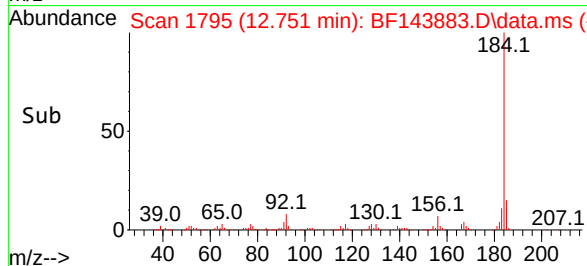
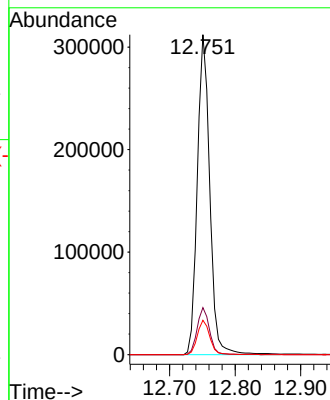
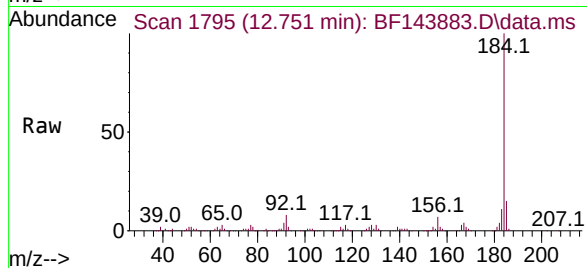
183 10.8 8.8 13.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

Concen: 36.431 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

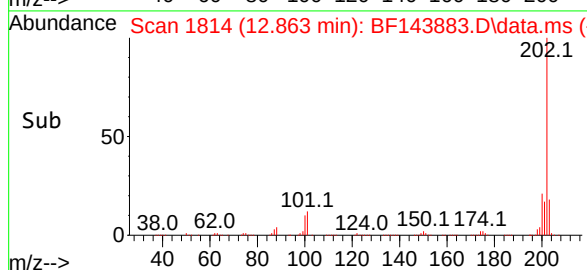
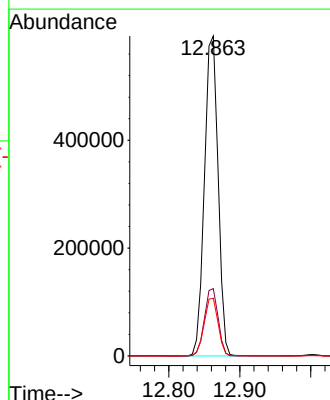
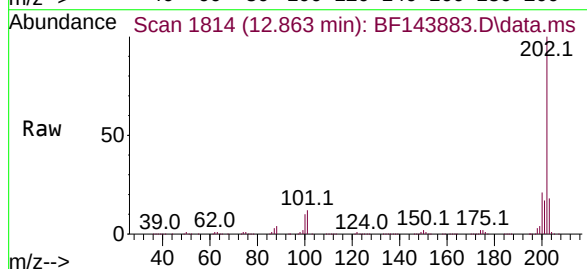
Tgt Ion:202 Resp: 789075

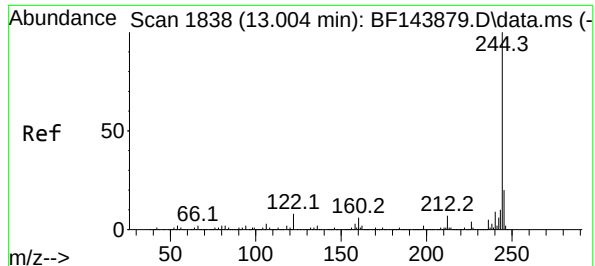
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

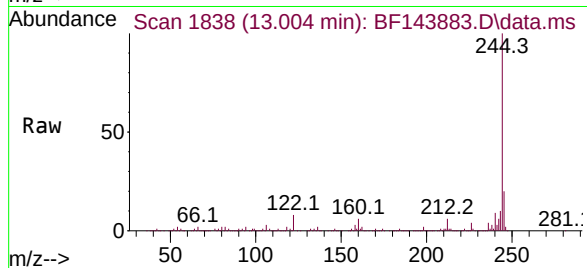
203 18.0 13.8 20.6





#79
Terphenyl-d14
Concen: 74.443 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

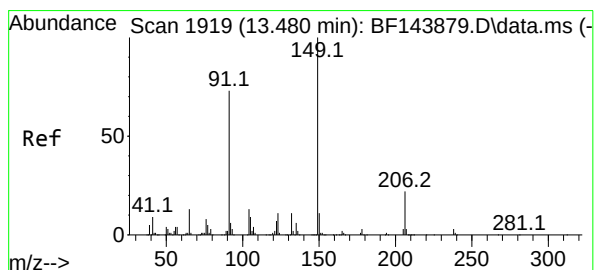
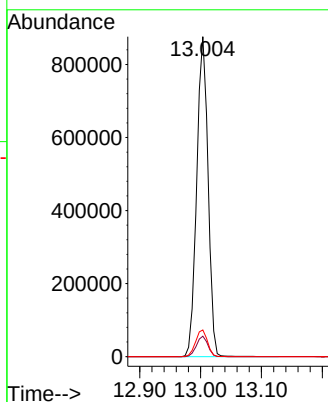
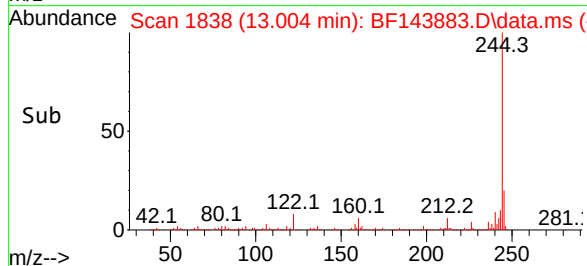
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:244 Resp: 1131636
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 8.3 6.4 9.6

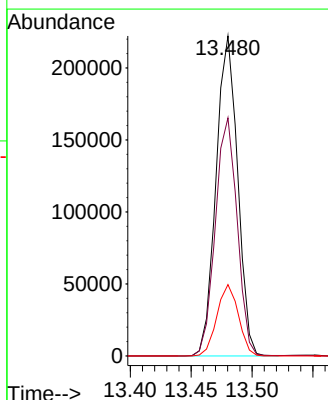
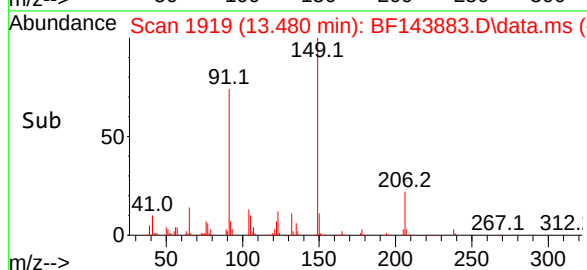
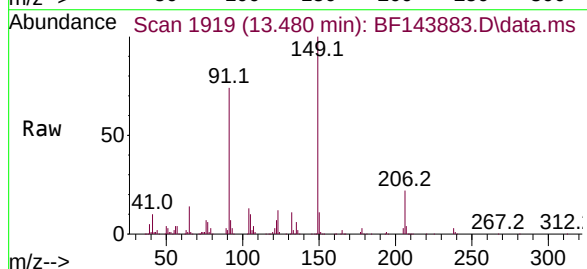
Manual Integrations
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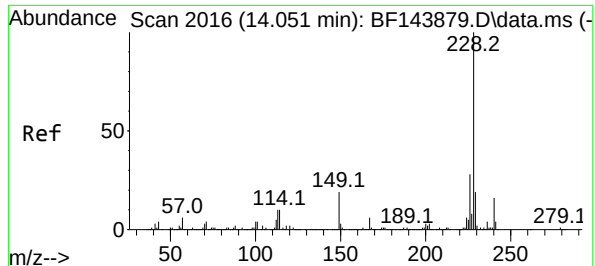
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#80
Butylbenzylphthalate
Concen: 38.986 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

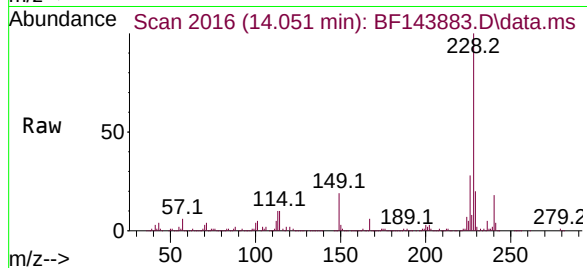
Tgt Ion:149 Resp: 274237
Ion Ratio Lower Upper
149 100
91 74.4 58.2 87.2
206 22.3 17.9 26.9





#81
Benzo(a)anthracene
Concen: 36.142 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

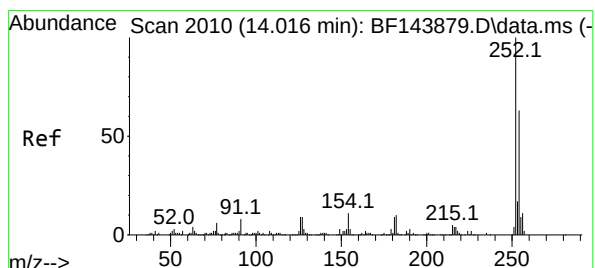
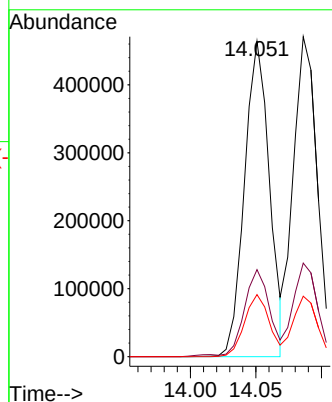
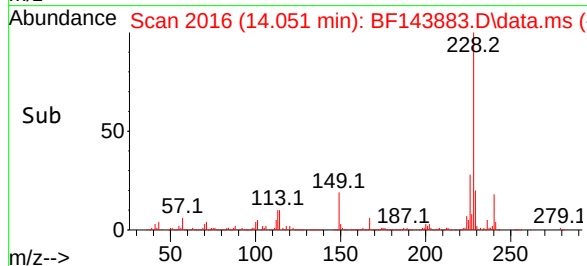
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



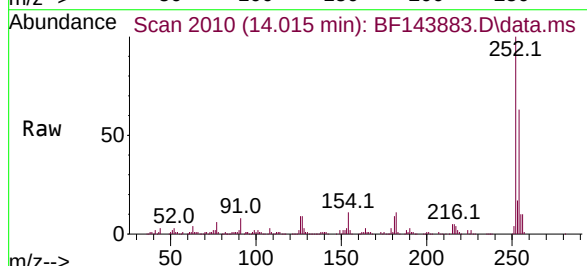
Tgt Ion:228 Resp: 614473
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 19.7 15.6 23.4

Manual Integrations
APPROVED

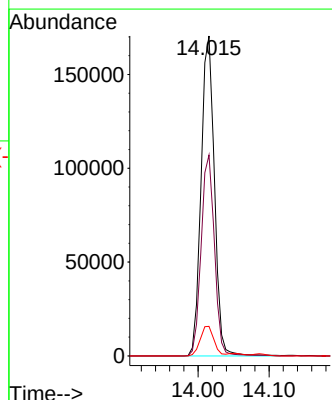
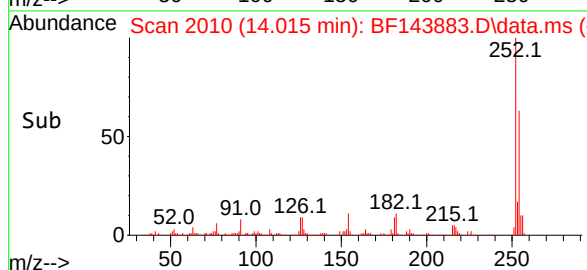
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

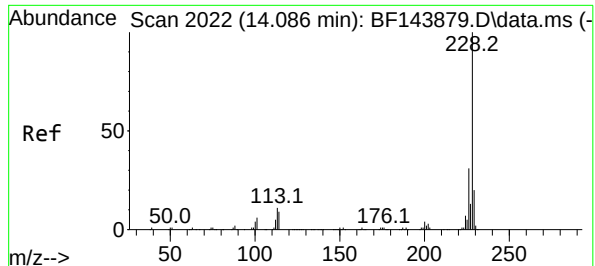


#82
3,3'-Dichlorobenzidine
Concen: 42.747 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



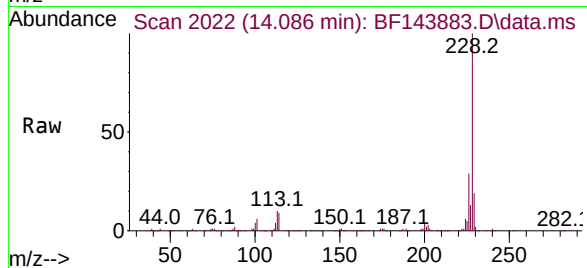
Tgt Ion:252 Resp: 221480
Ion Ratio Lower Upper
252 100
254 62.8 50.6 76.0
126 9.2 7.0 10.6





#83
Chrysene
Concen: 37.792 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

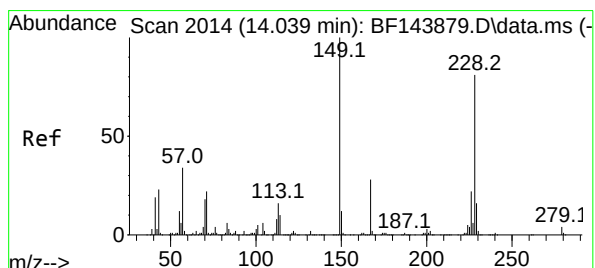
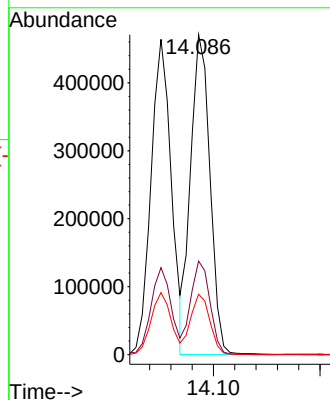
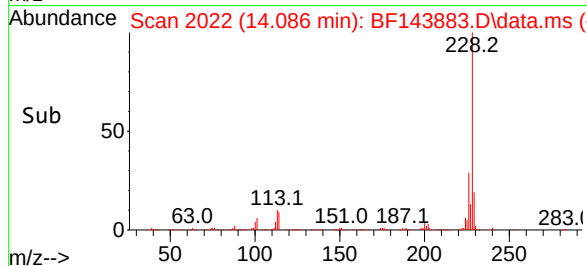
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



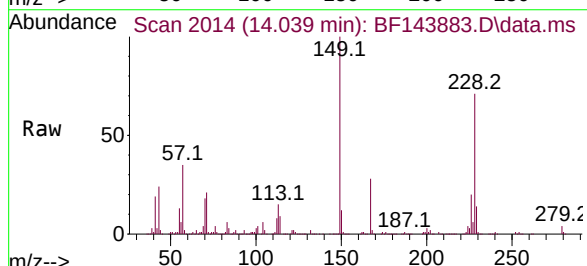
Tgt Ion:228 Resp: 594668
Ion Ratio Lower Upper
228 100
226 29.2 24.4 36.6
229 18.9 15.9 23.9

Manual Integrations
APPROVED

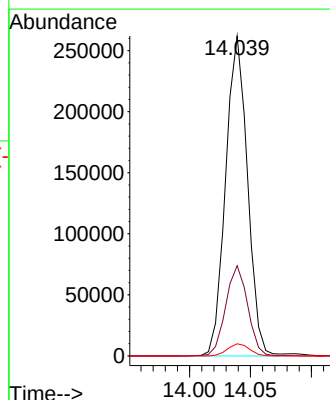
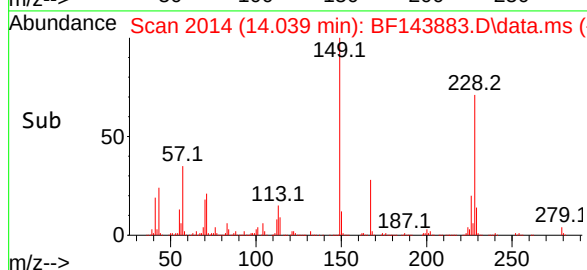
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

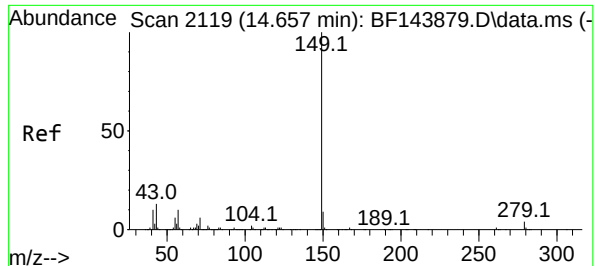


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.560 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



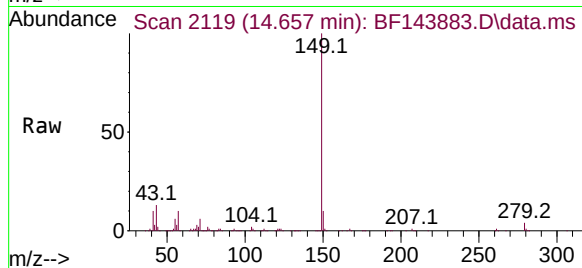
Tgt Ion:149 Resp: 326966
Ion Ratio Lower Upper
149 100
167 28.2 22.2 33.4
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 36.116 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

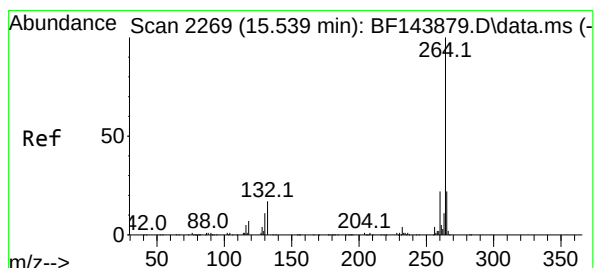
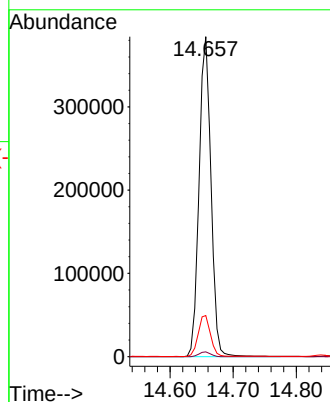
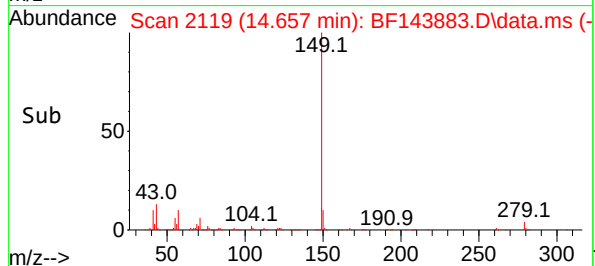
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:149 Resp: 502989
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.2 11.0 16.4

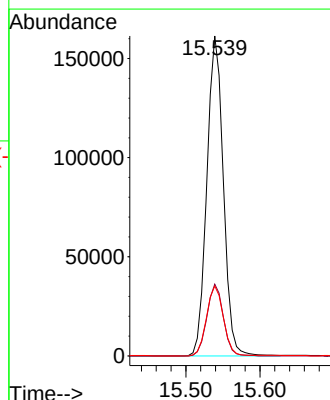
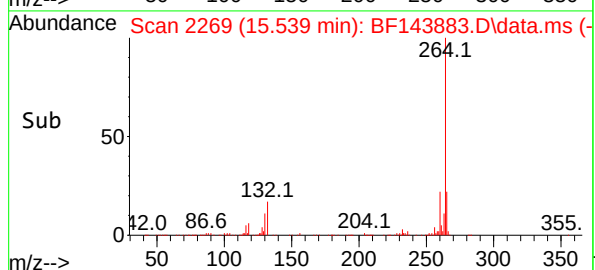
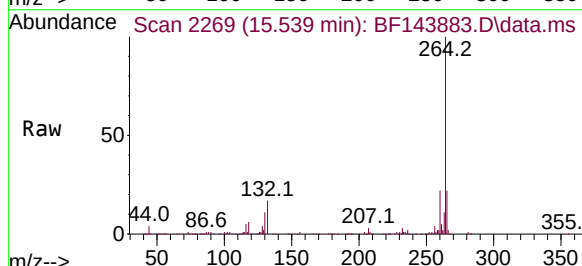
Manual Integrations
APPROVED

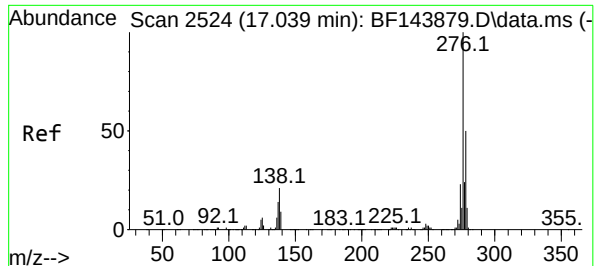
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

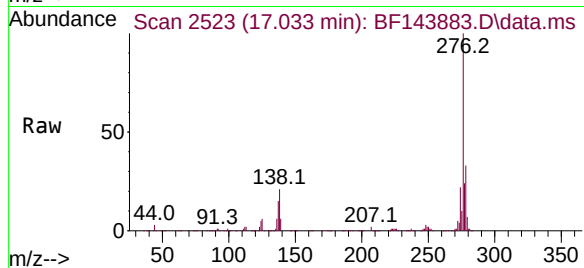
Tgt Ion:264 Resp: 249446
Ion Ratio Lower Upper
264 100
260 22.4 17.8 26.8
265 21.8 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 36.867 ng
RT: 17.033 min Scan# 2195
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

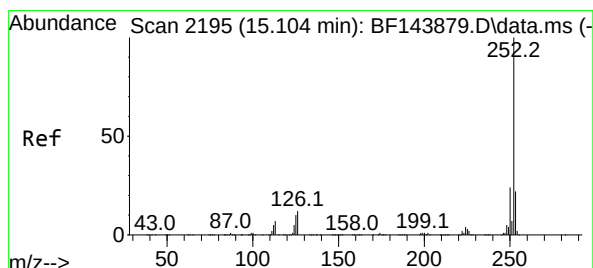
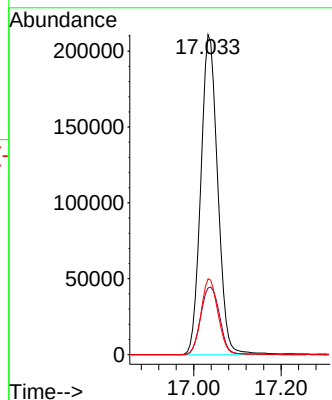
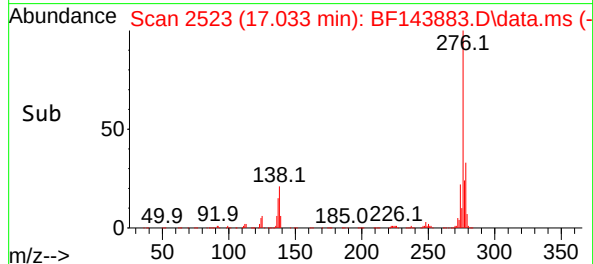
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:276 Resp: 563492
Ion Ratio Lower Upper
276 100
138 23.7 18.2 27.2
277 23.8 19.8 29.6

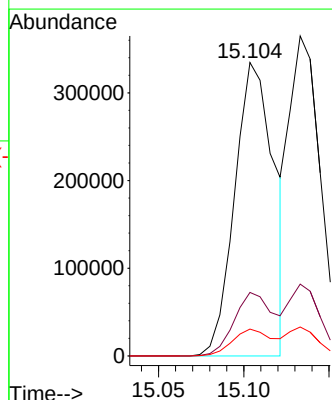
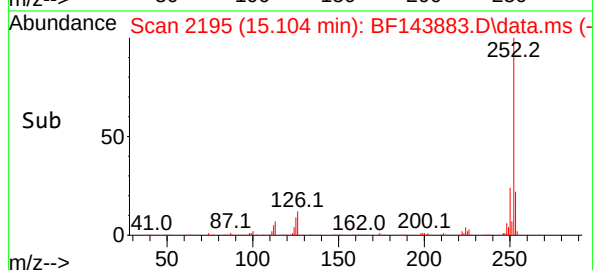
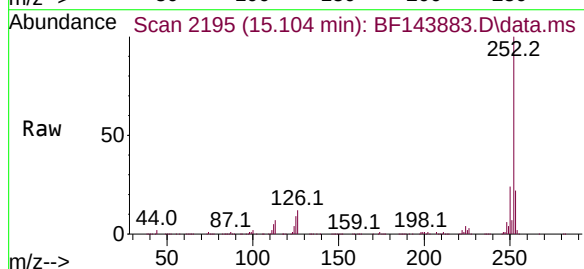
Manual Integrations
APPROVED

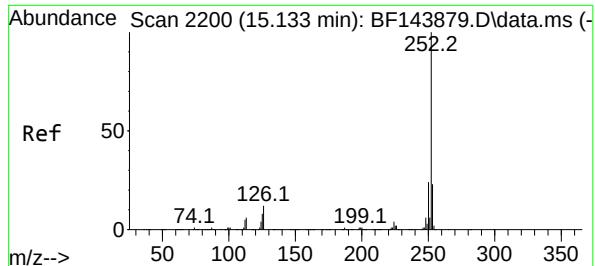
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#88
Benzo(b)fluoranthene
Concen: 37.533 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:252 Resp: 537814
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 35.252 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:252 Resp: 467396

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

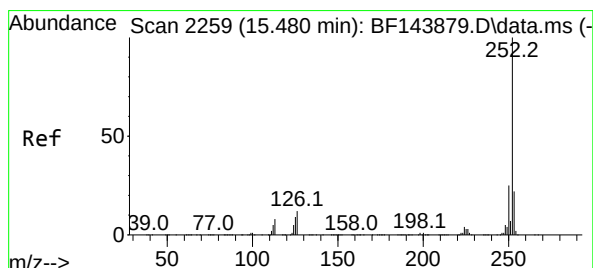
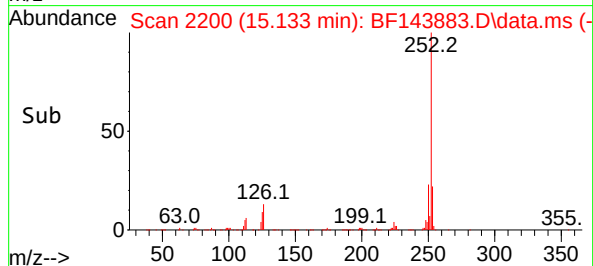
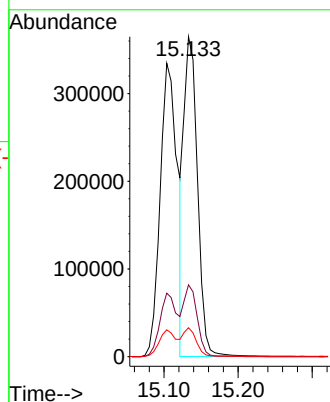
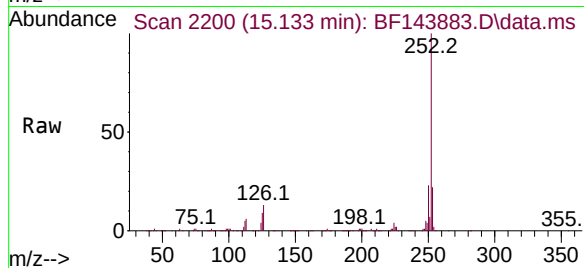
125 9.0 7.4 11.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 37.900 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

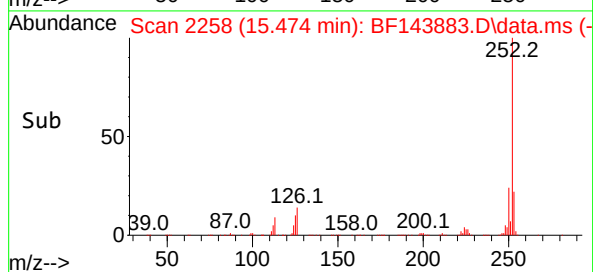
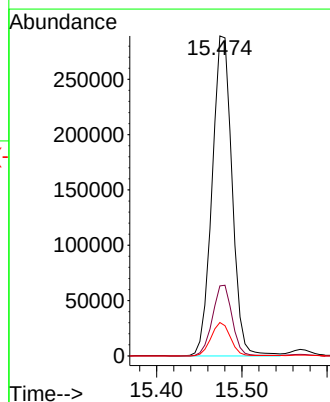
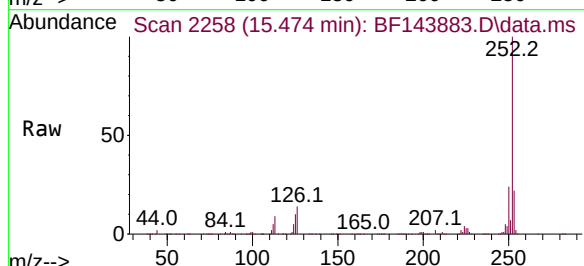
Tgt Ion:252 Resp: 470896

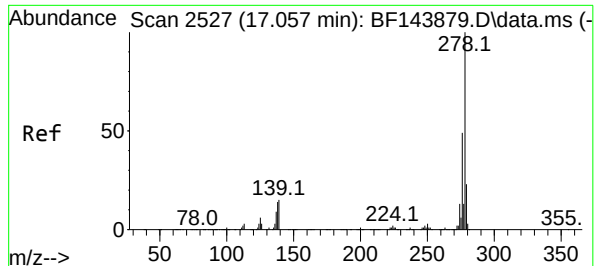
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

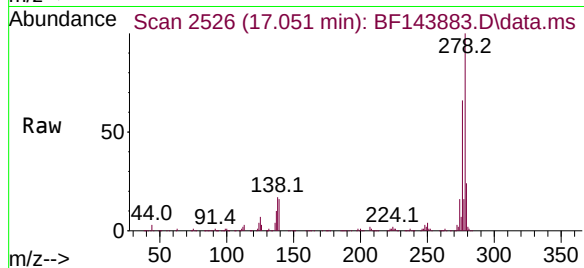
125 10.4 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 36.995 ng
RT: 17.051 min Scan# 2527
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

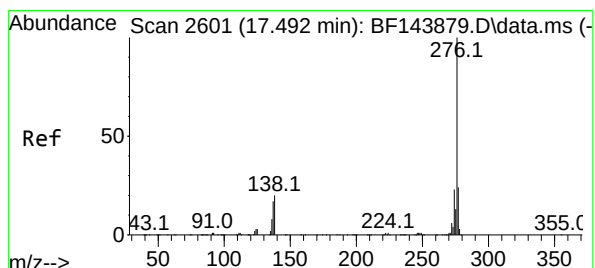
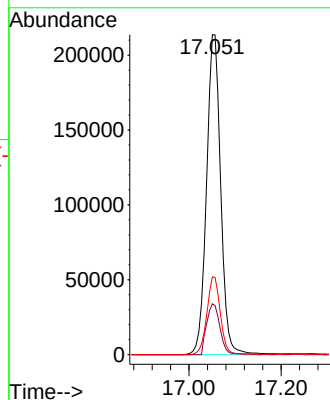
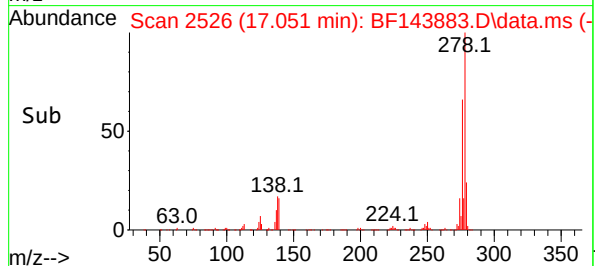
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:278 Resp: 454776
Ion Ratio Lower Upper
278 100
139 15.9 11.7 17.5
279 24.3 18.4 27.6

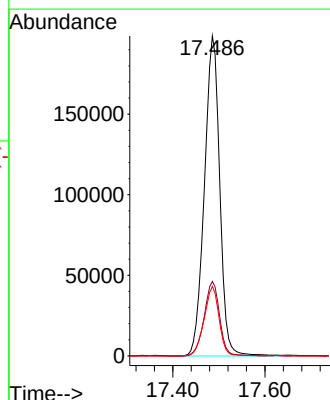
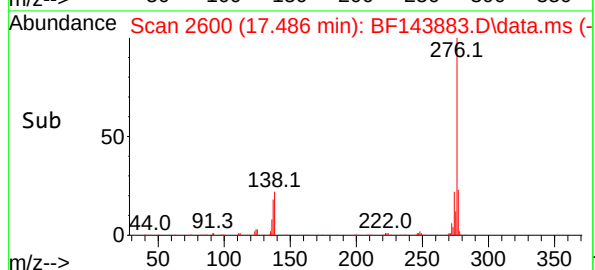
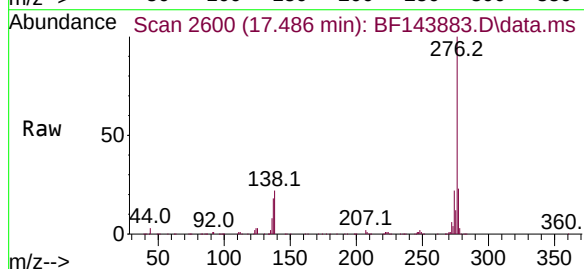
Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#92
Benzo(g,h,i)perylene
Concen: 37.162 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:276 Resp: 456833
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 21.7 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 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	92	0.00
2	1,4-Dioxane	0.583	0.543	6.9	82	0.00
3	Pyridine	1.697	1.496	11.8	78	0.00
4	n-Nitrosodimethylamine	0.893	0.858	3.9	87	-0.03
5 S	2-Fluorophenol	1.259	1.179	6.4	83	0.00
6	Aniline	2.250	2.134	5.2	84	0.00
7 S	Phenol-d6	1.501	1.398	6.9	83	-0.02
8	2-Chlorophenol	1.231	1.173	4.7	83	0.00
9	Benzaldehyde	1.158	1.075	7.2	74	0.00
10 C	Phenol	1.795	1.683	6.2	84	-0.02
11	bis(2-Chloroethyl)ether	1.386	1.267	8.6	81	-0.01
12	1,3-Dichlorobenzene	1.474	1.394	5.4	84	0.00
13 C	1,4-Dichlorobenzene	1.454	1.395	4.1	86	0.00
14	1,2-Dichlorobenzene	1.392	1.380	0.9	88	0.00
15	Benzyl Alcohol	1.125	1.096	2.6	86	-0.01
16	2,2'-oxybis(1-Chloropropane	3.156	2.964	6.1	84	0.00
17	2-Methylphenol	1.017	0.976	4.0	85	0.00
18	Hexachloroethane	0.485	0.458	5.6	84	0.00
19 P	n-Nitroso-di-n-propylamine	1.028	0.941	8.5	84	-0.02
20	3+4-Methylphenols	1.179	1.176	0.3	85	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
22	Acetophenone	0.423	0.399	5.7	86	-0.01
23 S	Nitrobenzene-d5	0.329	0.306	7.0	83	-0.01
24	Nitrobenzene	0.366	0.345	5.7	82	-0.01
25	Isophorone	0.694	0.613	11.7	81	-0.02
26 C	2-Nitrophenol	0.157	0.152	3.2	82	0.00
27	2,4-Dimethylphenol	0.282	0.288	-2.1	91	-0.01
28	bis(2-Chloroethoxy)methane	0.438	0.402	8.2	85	-0.01
29 C	2,4-Dichlorophenol	0.294	0.271	7.8	83	-0.01
30	1,2,4-Trichlorobenzene	0.289	0.271	6.2	85	0.00
31	Naphthalene	0.910	0.834	8.4	84	0.00
32	Benzoic acid	0.195	0.172	11.8	80	-0.06
33	4-Chloroaniline	0.341	0.358	-5.0	94	0.00
34 C	Hexachlorobutadiene	0.201	0.177	11.9	80	0.00
35	Caprolactam	0.093	0.088	5.4	86	-0.05
36 C	4-Chloro-3-methylphenol	0.282	0.254	9.9	83	-0.01
37	2-Methylnaphthalene	0.606	0.504	16.8	76	0.00
38	1-Methylnaphthalene	0.588	0.518	11.9	80	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	0.553	0.513	7.2	83	0.00
41 P	Hexachlorocyclopentadiene	0.229	0.281	-22.7	104	0.00
42 S	2,4,6-Tribromophenol	0.199	0.178	10.6	82	0.00
43 C	2,4,6-Trichlorophenol	0.404	0.371	8.2	79	-0.01
44	2,4,5-Trichlorophenol	0.427	0.376	11.9	78	-0.01
45 S	2-Fluorobiphenyl	1.260	1.065	15.5	83	-0.01
46	1,1'-Biphenyl	1.324	1.217	8.1	84	0.00
47	2-Chloronaphthalene	1.104	1.006	8.9	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 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	0.349	0.339	2.9	83	0.00
49	Acenaphthylene	1.552	1.585	-2.1	93	0.00
50	Dimethylphthalate	1.270	1.142	10.1	84	0.00
51	2,6-Dinitrotoluene	0.236	0.247	-4.7	90	-0.01
52 C	Acenaphthene	1.017	0.913	10.2	83	0.00
53	3-Nitroaniline	0.288	0.292	-1.4	91	-0.01
54 P	2,4-Dinitrophenol	0.118	0.107	9.3	85	-0.01
55	Dibenzofuran	1.436	1.318	8.2	84	0.00
56 P	4-Nitrophenol	0.218	0.201	7.8	82	-0.02
57	2,4-Dinitrotoluene	0.320	0.330	-3.1	86	-0.01
58	Fluorene	1.083	0.962	11.2	84	0.00
59	2,3,4,6-Tetrachlorophenol	0.302	0.291	3.6	85	-0.05
60	Diethylphthalate	1.180	1.077	8.7	84	0.00
61	4-Chlorophenyl-phenylether	0.573	0.517	9.8	83	0.00
62	4-Nitroaniline	0.277	0.257	7.2	84	-0.02
63	Azobenzene	1.233	1.136	7.9	85	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	0.101	0.093	7.9	82	-0.02
66 c	n-Nitrosodiphenylamine	0.628	0.575	8.4	85	-0.01
67	4-Bromophenyl-phenylether	0.221	0.188	14.9	79	0.00
68	Hexachlorobenzene	0.256	0.220	14.1	80	0.00
69	Atrazine	0.190	0.186	2.1	93	-0.01
70 C	Pentachlorophenol	0.147	0.122	17.0	75	0.00
71	Phenanthrene	0.970	0.862	11.1	86	0.00
72	Anthracene	0.980	0.888	9.4	84	0.00
73	Carbazole	0.868	0.786	9.4	86	0.00
74	Di-n-butylphthalate	1.005	0.934	7.1	86	0.00
75 C	Fluoranthene	1.002	0.902	10.0	85	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77	Benzydine	0.694	0.788	-13.5	106	0.00
78	Pyrene	1.667	1.519	8.9	83	0.00
79 S	Terphenyl-d14	1.170	1.089	6.9	87	0.00
80	Butylbenzylphthalate	0.542	0.528	2.6	87	0.00
81	Benzo(a)anthracene	1.309	1.183	9.6	86	0.00
82	3,3'-Dichlorobenzidine	0.399	0.426	-6.8	99	0.00
83	Chrysene	1.211	1.144	5.5	90	0.00
84	Bis(2-ethylhexyl)phthalate	0.653	0.629	3.7	87	0.00
85 c	Di-n-octyl phthalate	1.072	0.968	9.7	83	0.00
86 I	Perylene-d12	1.000	1.000	0.0	99	0.00
87	Indeno(1,2,3-cd)pyrene	1.225	1.129	7.8	81	-0.02
88	Benzo(b)fluoranthene	1.149	1.078	6.2	84	-0.01
89	Benzo(k)fluoranthene	1.063	0.937	11.9	84	-0.01
90 C	Benzo(a)pyrene	0.996	0.944	5.2	85	-0.01
91	Dibenzo(a,h)anthracene	0.986	0.912	7.5	80	-0.03
92	Benzo(g,h,i)perylene	0.986	0.916	7.1	81	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 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	92	0.00
2	1,4-Dioxane	40.000	37.256	6.9	82	0.00
3	Pyridine	40.000	35.261	11.8	78	0.00
4	n-Nitrosodimethylamine	40.000	38.456	3.9	87	-0.03
5 S	2-Fluorophenol	80.000	74.908	6.4	83	0.00
6	Aniline	40.000	37.937	5.2	84	0.00
7 S	Phenol-d6	80.000	74.487	6.9	83	-0.02
8	2-Chlorophenol	40.000	38.116	4.7	83	0.00
9	Benzaldehyde	40.000	37.141	7.1	74	0.00
10 C	Phenol	40.000	37.501	6.2	84	-0.02
11	bis(2-Chloroethyl)ether	40.000	36.561	8.6	81	-0.01
12	1,3-Dichlorobenzene	40.000	37.828	5.4	84	0.00
13 C	1,4-Dichlorobenzene	40.000	38.392	4.0	86	0.00
14	1,2-Dichlorobenzene	40.000	39.655	0.9	88	0.00
15	Benzyl Alcohol	40.000	38.974	2.6	86	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	37.568	6.1	84	0.00
17	2-Methylphenol	40.000	38.352	4.1	85	0.00
18	Hexachloroethane	40.000	37.755	5.6	84	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.612	8.5	84	-0.02
20	3+4-Methylphenols	40.000	39.880	0.3	85	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	94	0.00
22	Acetophenone	40.000	37.713	5.7	86	-0.01
23 S	Nitrobenzene-d5	80.000	74.330	7.1	83	-0.01
24	Nitrobenzene	40.000	37.727	5.7	82	-0.01
25	Isophorone	40.000	35.347	11.6	81	-0.02
26 C	2-Nitrophenol	40.000	38.717	3.2	82	0.00
27	2,4-Dimethylphenol	40.000	40.847	-2.1	91	-0.01
28	bis(2-Chloroethoxy)methane	40.000	36.639	8.4	85	-0.01
29 C	2,4-Dichlorophenol	40.000	36.899	7.8	83	-0.01
30	1,2,4-Trichlorobenzene	40.000	37.503	6.2	85	0.00
31	Naphthalene	40.000	36.679	8.3	84	0.00
32	Benzoic acid	40.000	35.162	12.1	80	-0.06
33	4-Chloroaniline	40.000	41.950	-4.9	94	0.00
34 C	Hexachlorobutadiene	40.000	35.201	12.0	80	0.00
35	Caprolactam	40.000	37.736	5.7	86	-0.05
36 C	4-Chloro-3-methylphenol	40.000	36.079	9.8	83	-0.01
37	2-Methylnaphthalene	40.000	33.257	16.9	76	0.00
38	1-Methylnaphthalene	40.000	35.269	11.8	80	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.122	7.2	83	0.00
41 P	Hexachlorocyclopentadiene	40.000	48.984	-22.5	104	0.00
42 S	2,4,6-Tribromophenol	80.000	71.685	10.4	82	0.00
43 C	2,4,6-Trichlorophenol	40.000	36.726	8.2	79	-0.01
44	2,4,5-Trichlorophenol	40.000	35.194	12.0	78	-0.01
45 S	2-Fluorobiphenyl	80.000	67.621	15.5	83	-0.01
46	1,1'-Biphenyl	40.000	36.770	8.1	84	0.00
47	2-Chloronaphthalene	40.000	36.454	8.9	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 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	38.894	2.8	83	0.00
49	Acenaphthylene	40.000	40.859	-2.1	93	0.00
50	Dimethylphthalate	40.000	35.968	10.1	84	0.00
51	2,6-Dinitrotoluene	40.000	41.967	-4.9	90	-0.01
52 C	Acenaphthene	40.000	35.913	10.2	83	0.00
53	3-Nitroaniline	40.000	40.493	-1.2	91	-0.01
54 P	2,4-Dinitrophenol	40.000	33.731	15.7	85	-0.01
55	Dibenzofuran	40.000	36.717	8.2	84	0.00
56 P	4-Nitrophenol	40.000	36.850	7.9	82	-0.02
57	2,4-Dinitrotoluene	40.000	41.169	-2.9	86	-0.01
58	Fluorene	40.000	35.527	11.2	84	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	38.488	3.8	85	-0.05
60	Diethylphthalate	40.000	36.501	8.7	84	0.00
61	4-Chlorophenyl-phenylether	40.000	36.113	9.7	83	0.00
62	4-Nitroaniline	40.000	37.074	7.3	84	-0.02
63	Azobenzene	40.000	36.837	7.9	85	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	40.000	37.083	7.3	82	-0.02
66 c	n-Nitrosodiphenylamine	40.000	36.649	8.4	85	-0.01
67	4-Bromophenyl-phenylether	40.000	33.973	15.1	79	0.00
68	Hexachlorobenzene	40.000	34.415	14.0	80	0.00
69	Atrazine	40.000	39.016	2.5	93	-0.01
70 C	Pentachlorophenol	40.000	33.097	17.3	75	0.00
71	Phenanthrene	40.000	35.542	11.1	86	0.00
72	Anthracene	40.000	36.273	9.3	84	0.00
73	Carbazole	40.000	36.246	9.4	86	0.00
74	Di-n-butylphthalate	40.000	37.171	7.1	86	0.00
75 C	Fluoranthene	40.000	36.019	10.0	85	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77	Benzydine	40.000	45.411	-13.5	106	0.00
78	Pyrene	40.000	36.431	8.9	83	0.00
79 S	Terphenyl-d14	80.000	74.443	6.9	87	0.00
80	Butylbenzylphthalate	40.000	38.986	2.5	87	0.00
81	Benzo(a)anthracene	40.000	36.142	9.6	86	0.00
82	3,3'-Dichlorobenzidine	40.000	42.747	-6.9	99	0.00
83	Chrysene	40.000	37.792	5.5	90	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.560	3.6	87	0.00
85 c	Di-n-octyl phthalate	40.000	36.116	9.7	83	0.00
86 I	Perylene-d12	20.000	20.000	0.0	99	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	36.867	7.8	81	-0.02
88	Benzo(b)fluoranthene	40.000	37.533	6.2	84	-0.01
89	Benzo(k)fluoranthene	40.000	35.252	11.9	84	-0.01
90 C	Benzo(a)pyrene	40.000	37.900	5.3	85	-0.01
91	Dibenzo(a,h)anthracene	40.000	36.995	7.5	80	-0.03
92	Benzo(g,h,i)perylene	40.000	37.162	7.1	81	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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: Alliance Contract: CORE02
 Lab Code: ACE SDG No.: Q3349
 Instrument ID: BNA_F Calibration Date/Time: 10/17/2025 14:43
 Lab File ID: BF143984.D Init. Calib. Date(s): 10/06/2025 10/06/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.697	1.752		3.2	
2-Fluorophenol	1.259	1.280		1.7	
Phenol-d6	1.501	1.459		-2.8	
1,4-Dichlorobenzene	1.454	1.419		-2.4	20.0
2-Methylphenol	1.017	0.961		-5.5	
3+4-Methylphenols	1.179	1.047		-11.2	
Nitrobenzene-d5	0.329	0.339		3.0	
Hexachloroethane	0.485	0.497		2.5	
Nitrobenzene	0.366	0.379		3.6	
Hexachlorobutadiene	0.201	0.204		1.5	20.0
2,4,6-Trichlorophenol	0.404	0.399		-1.2	20.0
2-Fluorobiphenyl	1.260	1.153		-8.5	
2,4,5-Trichlorophenol	0.427	0.438		2.6	
2,4-Dinitrotoluene	0.320	0.353		10.3	
2,4,6-Tribromophenol	0.199	0.203		2.0	
Hexachlorobenzene	0.256	0.259		1.2	
Pentachlorophenol	0.147	0.138		-6.1	20.0
Terphenyl-d14	1.170	1.142		-2.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143984.D
 Acq On : 17 Oct 2025 14:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 17 16:26:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	156623	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	566623	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	278942	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	461614	20.000	ng	0.00
76) Chrysene-d12	14.069	240	286617	20.000	ng	0.00
86) Perylene-d12	15.551	264	311878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	801872	81.301	ng	0.00
7) Phenol-d6	6.510	99	914059	77.751	ng	0.00
23) Nitrobenzene-d5	7.451	82	767518	82.295	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	226809	81.635	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1286763	73.197	ng	0.00
79) Terphenyl-d14	13.004	244	1308721	78.038	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	182945	40.084	ng	97
3) Pyridine	3.405	79	548961	41.316	ng	97
4) n-Nitrosodimethylamine	3.363	42	278029	39.778	ng	95
6) Aniline	6.546	93	671999	38.146	ng	96
8) 2-Chlorophenol	6.669	128	391285	40.585	ng	99
9) Benzaldehyde	6.434	77	372156	41.037	ng	99
10) Phenol	6.528	94	573406	40.798	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	432796	39.863	ng	99
12) 1,3-Dichlorobenzene	6.828	146	447023	38.735	ng	100
13) 1,4-Dichlorobenzene	6.904	146	444550	39.051	ng	99
14) 1,2-Dichlorobenzene	7.051	146	428361	39.285	ng	99
15) Benzyl Alcohol	7.028	79	333987	37.917	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	942813	38.150	ng	100
17) 2-Methylphenol	7.134	107	300923	37.768	ng	99
18) Hexachloroethane	7.398	117	155589	40.983	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	258435	32.115	ng	99
20) 3+4-Methylphenols	7.287	107	327990	35.518	ng	92
22) Acetophenone	7.298	105	431324	36.001	ng	98
24) Nitrobenzene	7.469	77	429240	41.444	ng	98
25) Isophorone	7.704	82	704001	35.799	ng	100
26) 2-Nitrophenol	7.781	139	204473	46.048	ng	99
27) 2,4-Dimethylphenol	7.816	122	305369	38.230	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	443313	35.687	ng	99
29) 2,4-Dichlorophenol	8.022	162	314783	37.833	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	339080	41.438	ng	99
31) Naphthalene	8.193	128	967526	37.537	ng	99
32) Benzoic acid	7.934	122	203083	36.736	ng	96
33) 4-Chloroaniline	8.234	127	342115	35.390	ng	98
34) Hexachlorobutadiene	8.304	225	231323	40.682	ng	99
35) Caprolactam	8.610	113	92289	34.885	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	282692	35.371	ng	98
37) 2-Methylnaphthalene	8.881	142	615393	35.842	ng	99
38) 1-Methylnaphthalene	8.981	142	579247	34.781	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	318829	41.355	ng	97
41) Hexachlorocyclopentadiene	9.034	237	111331	34.808	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	222532	39.505	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143984.D
 Acq On : 17 Oct 2025 14:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

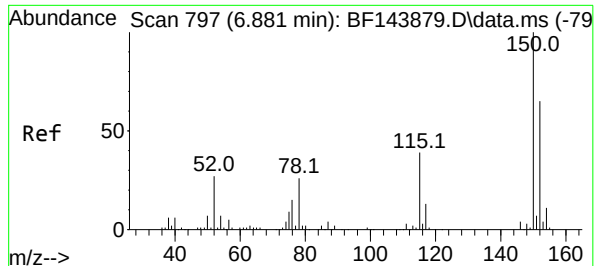
Quant Time: Oct 17 16:26:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	244412	41.058	ng	99
46) 1,1'-Biphenyl	9.345	154	706340	38.246	ng	98
47) 2-Chloronaphthalene	9.369	162	613272	39.827	ng	97
48) 2-Nitroaniline	9.463	65	206912	42.502	ng	99
49) Acenaphthylene	9.787	152	824641	38.094	ng	99
50) Dimethylphthalate	9.639	163	686911	38.778	ng	99
51) 2,6-Dinitrotoluene	9.704	165	150191	45.724	ng	96
52) Acenaphthene	9.957	154	546398	38.520	ng	100
53) 3-Nitroaniline	9.875	138	168048	41.782	ng	97
54) 2,4-Dinitrophenol	9.986	184	69751	38.380	ng	93
55) Dibenzofuran	10.134	168	768388	38.374	ng	97
56) 4-Nitrophenol	10.034	139	115766	38.015	ng	97
57) 2,4-Dinitrotoluene	10.110	165	196974	44.073	ng	97
58) Fluorene	10.475	166	572032	37.860	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	165942	39.380	ng	# 96
60) Diethylphthalate	10.345	149	625668	38.019	ng	98
61) 4-Chlorophenyl-phenylether	10.463	204	310943	38.926	ng	100
62) 4-Nitroaniline	10.492	138	156780	40.536	ng	94
63) Azobenzene	10.628	77	667677	38.820	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	110141	47.480	ng	97
66) n-Nitrosodiphenylamine	10.586	169	568648	39.233	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	205930	40.366	ng	98
68) Hexachlorobenzene	11.022	284	239195	40.500	ng	99
69) Atrazine	11.110	200	169754	38.641	ng	97
70) Pentachlorophenol	11.222	266	127614	37.622	ng	97
71) Phenanthrene	11.439	178	864978	38.651	ng	100
72) Anthracene	11.492	178	872658	38.599	ng	99
73) Carbazole	11.645	167	762337	38.072	ng	99
74) Di-n-butylphthalate	11.975	149	930145	40.081	ng	99
75) Fluoranthene	12.633	202	891783	38.579	ng	99
77) Benzidine	12.757	184	328763	33.035	ng	98
78) Pyrene	12.863	202	908439	38.018	ng	99
80) Butylbenzylphthalate	13.480	149	333959	43.034	ng	98
81) Benzo(a)anthracene	14.057	228	756604	40.339	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	240929	42.150	ng	98
83) Chrysene	14.092	228	701361	40.402	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	433781	46.371	ng	99
85) Di-n-octyl phthalate	14.657	149	754279	49.093	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	849811	44.469	ng	99
88) Benzo(b)fluoranthene	15.116	252	702798	39.229	ng	99
89) Benzo(k)fluoranthene	15.145	252	657259	39.648	ng	99
90) Benzo(a)pyrene	15.486	252	628775	40.477	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	673892	43.846	ng	98
92) Benzo(g,h,i)perylene	17.515	276	674970	43.916	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

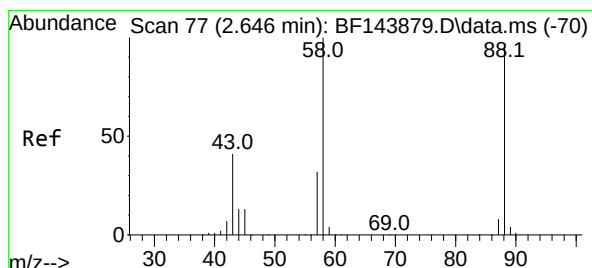
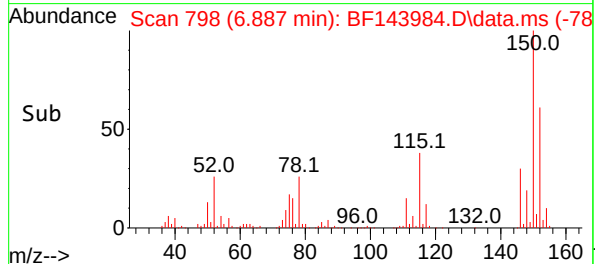
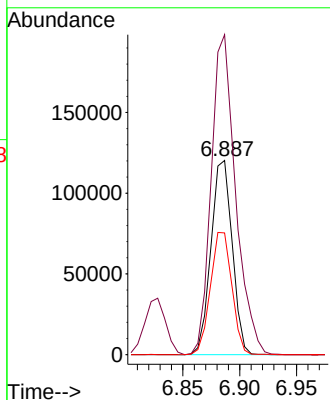
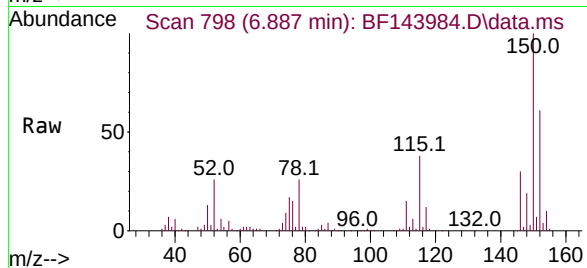
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

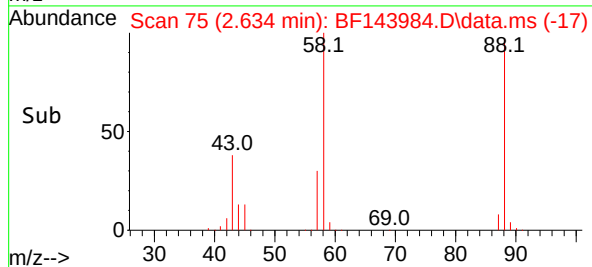
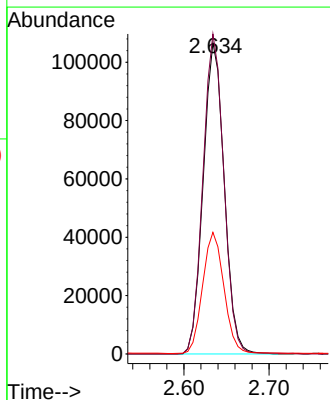
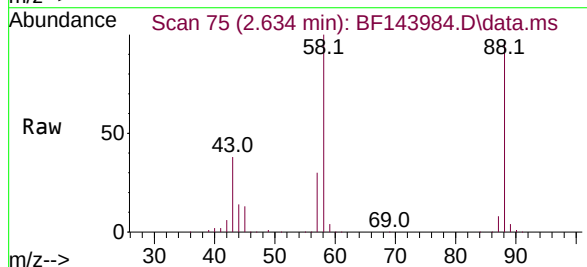
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

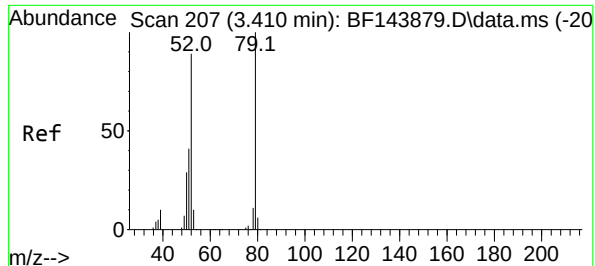
Tgt Ion:152 Resp: 156623
Ion Ratio Lower Upper
152 100
150 164.8 124.4 186.6
115 62.6 48.1 72.1



#2
1,4-Dioxane
Concen: 40.084 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.012 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 88 Resp: 182945
Ion Ratio Lower Upper
88 100
58 102.0 83.0 124.6
43 39.3 33.9 50.9

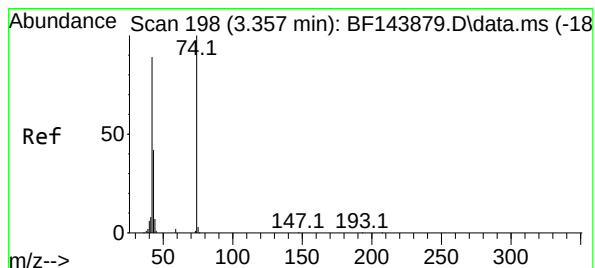
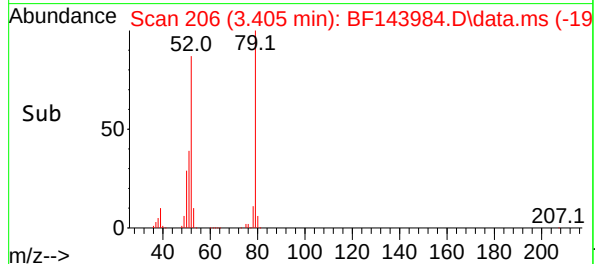
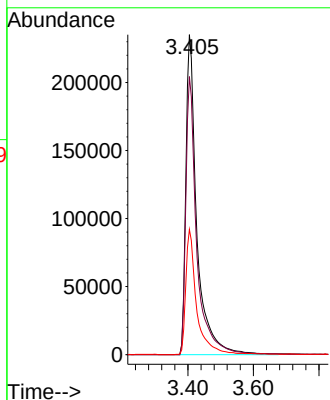
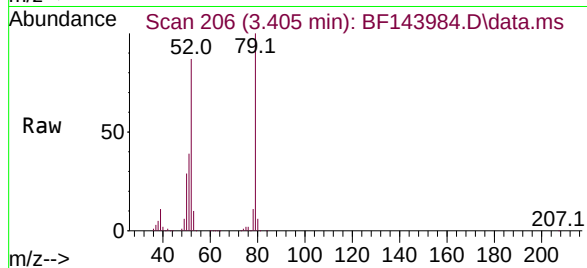




#3
Pyridine
Concen: 41.316 ng
RT: 3.405 min Scan# 207
Delta R.T. -0.012 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

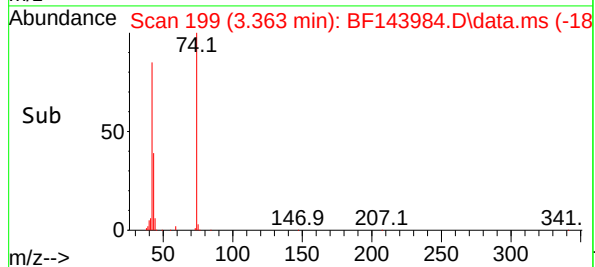
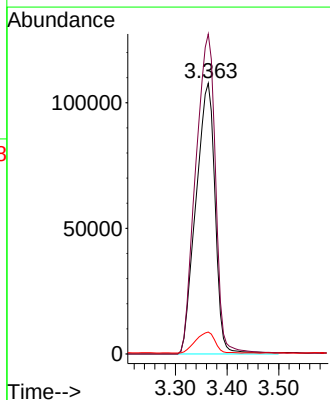
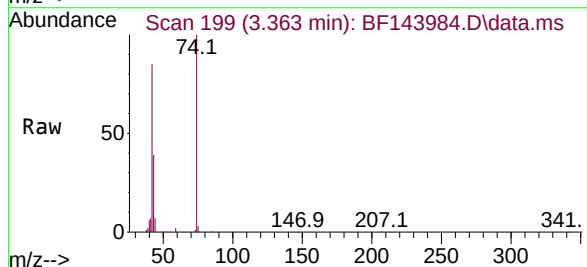
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

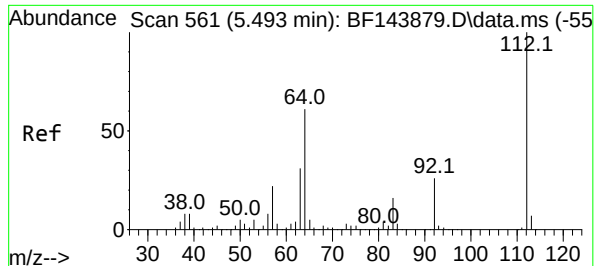
Tgt Ion: 79 Resp: 548961
Ion Ratio Lower Upper
79 100
52 86.9 71.5 107.3
51 39.1 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 39.778 ng
RT: 3.363 min Scan# 199
Delta R.T. -0.023 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 42 Resp: 278029
Ion Ratio Lower Upper
42 100
74 118.2 90.0 135.0
44 8.0 6.2 9.2

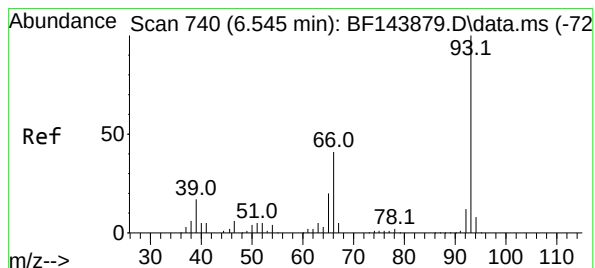
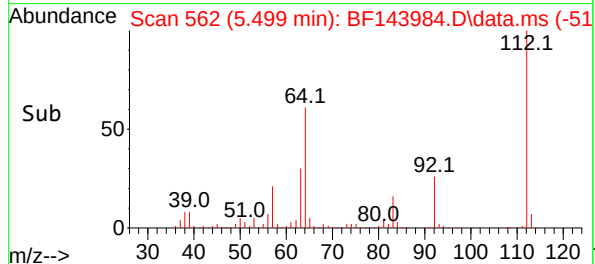
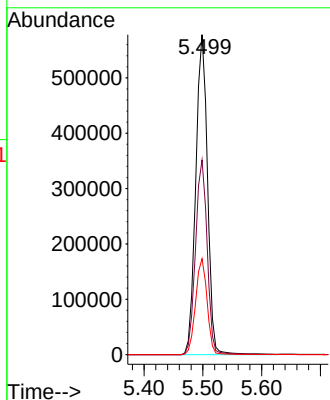
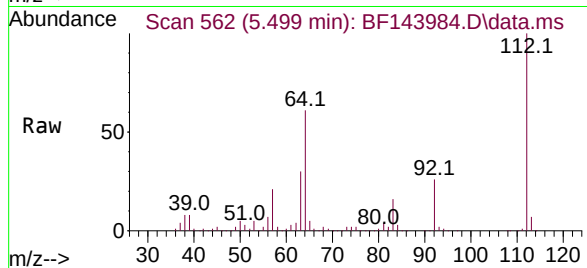




#5
2-Fluorophenol
Concen: 81.301 ng
RT: 5.499 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

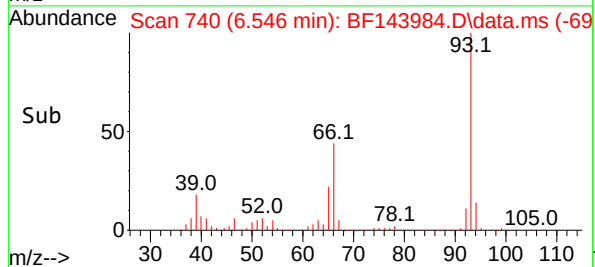
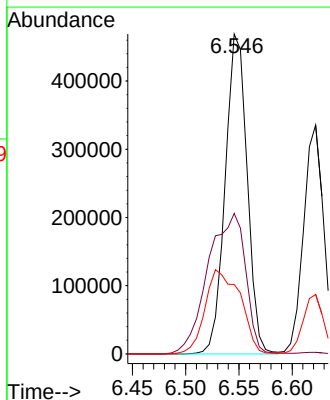
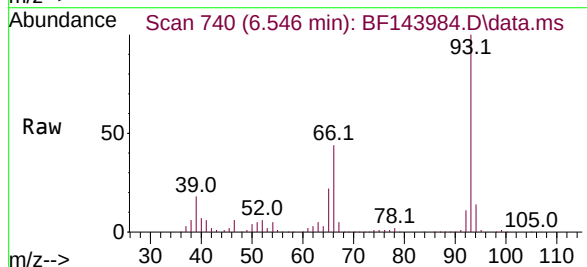
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

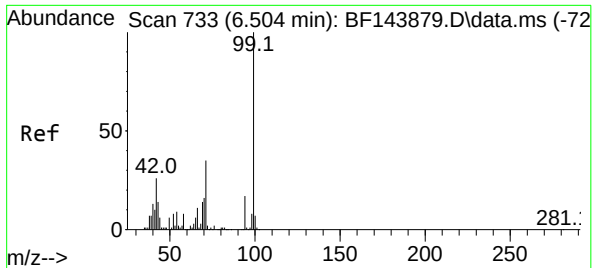
Tgt Ion:112 Resp: 801872
Ion Ratio Lower Upper
112 100
64 60.8 49.1 73.7
63 30.0 24.5 36.7



#6
Aniline
Concen: 38.146 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 93 Resp: 671999
Ion Ratio Lower Upper
93 100
66 43.9 33.0 49.6
65 21.7 15.8 23.8

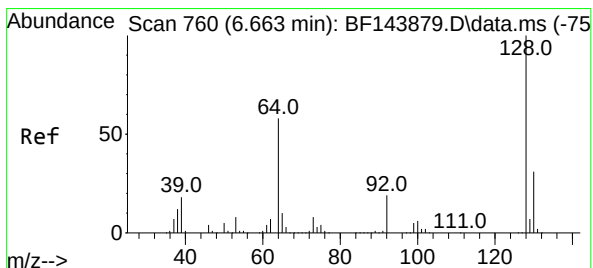
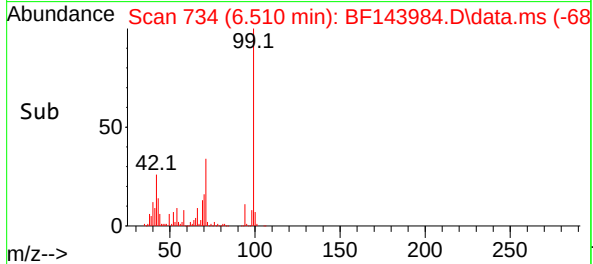
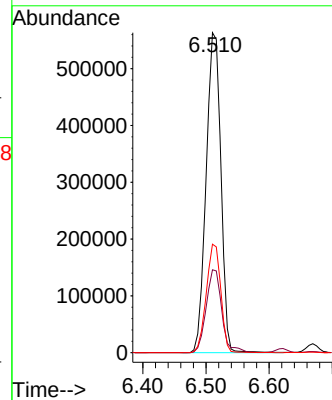
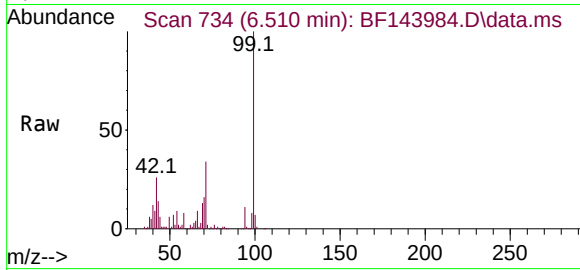




#7
Phenol-d6
Concen: 77.751 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

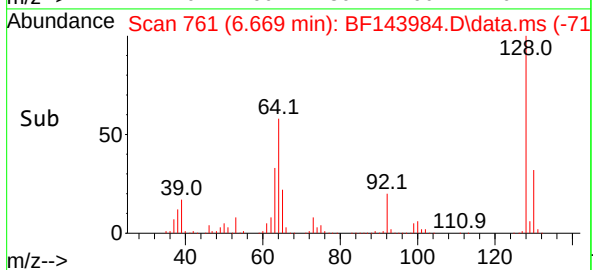
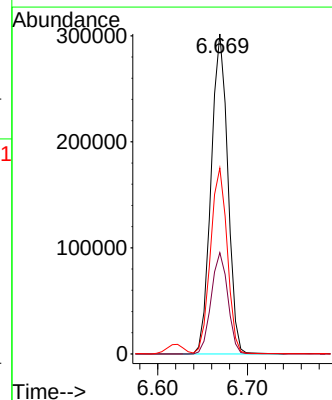
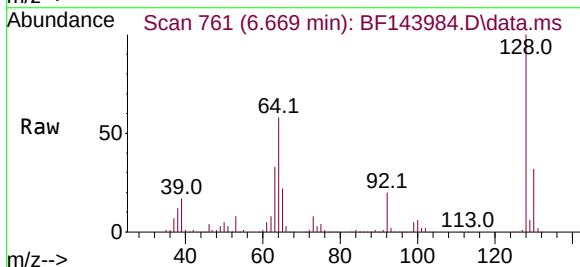
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

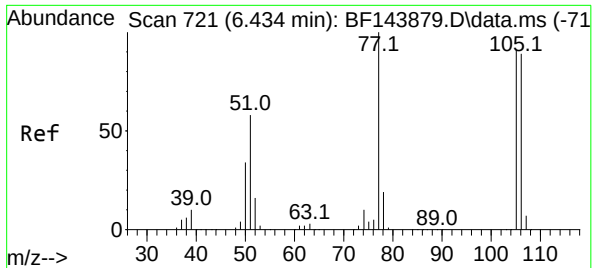
Tgt Ion: 99 Resp: 914059
Ion Ratio Lower Upper
99 100
42 25.9 21.0 31.4
71 33.9 27.8 41.8



#8
2-Chlorophenol
Concen: 40.585 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 128 Resp: 391285
Ion Ratio Lower Upper
128 100
130 31.6 10.7 50.7
64 58.1 39.0 79.0

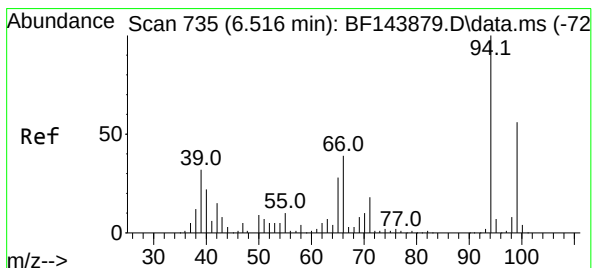
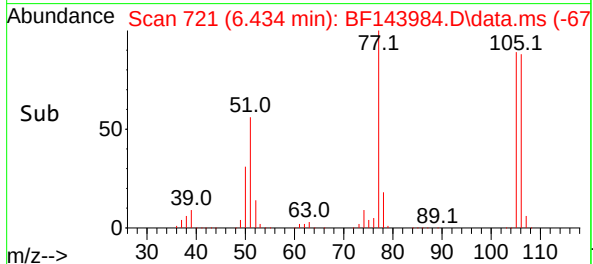
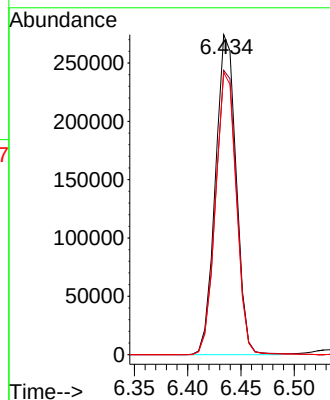
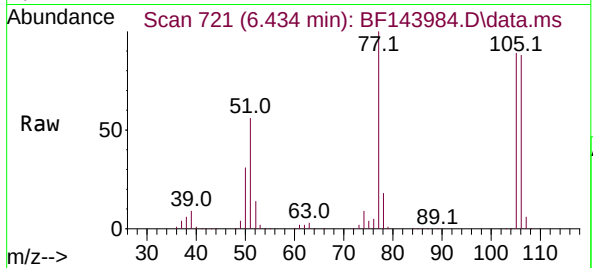




#9
Benzaldehyde
Concen: 41.037 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

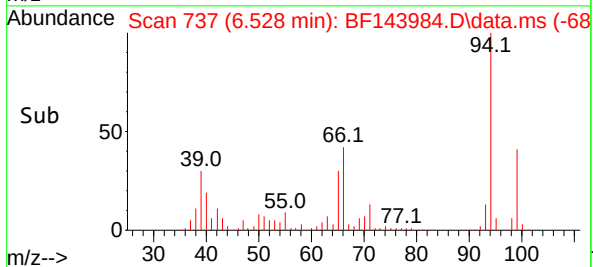
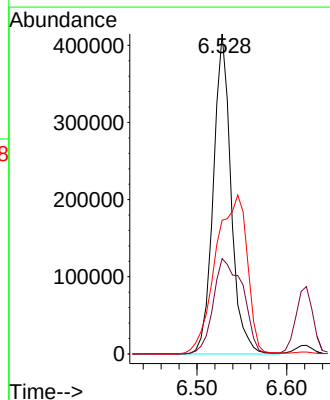
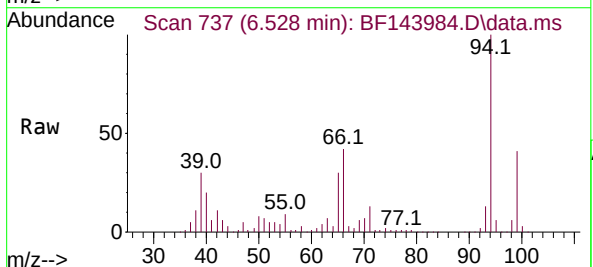
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

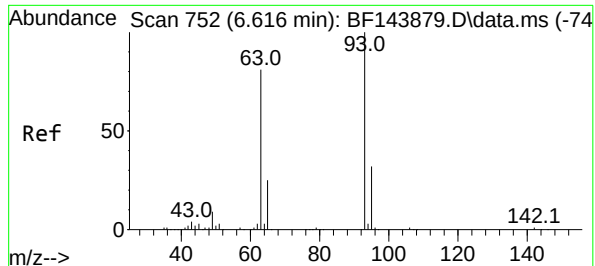
Tgt Ion: 77 Resp: 372156
Ion Ratio Lower Upper
77 100
105 88.9 70.9 110.9
106 88.2 68.9 108.9



#10
Phenol
Concen: 40.798 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 94 Resp: 573406
Ion Ratio Lower Upper
94 100
65 29.8 8.5 48.5
66 41.8 19.9 59.9

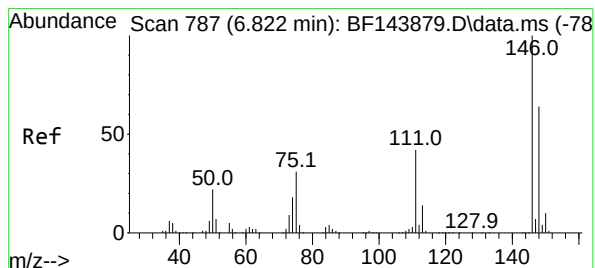
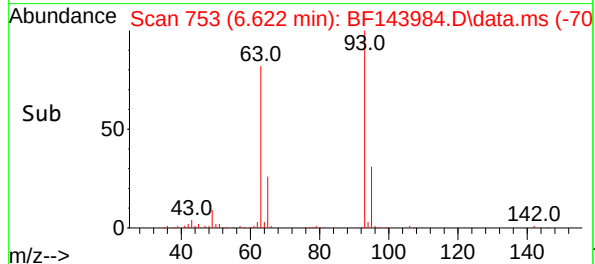
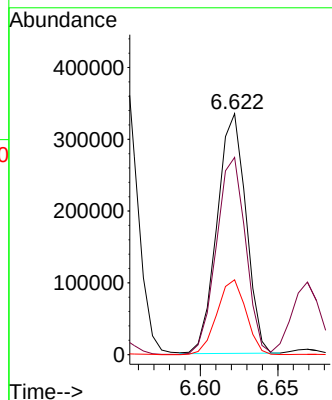
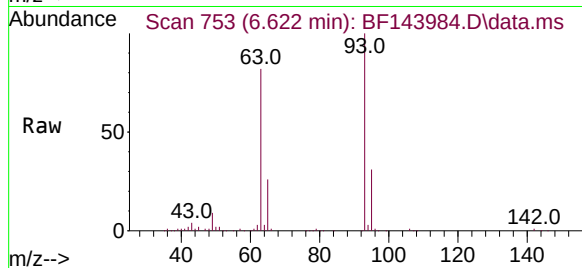




#11
 bis(2-Chloroethyl)ether
 Concen: 39.863 ng
 RT: 6.622 min Scan# 753
 Delta R.T. -0.006 min
 Lab File: BF143984.D
 Acq: 17 Oct 2025 14:43

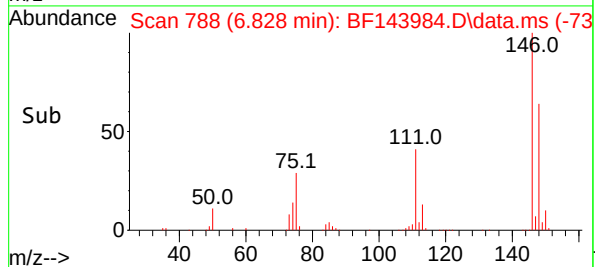
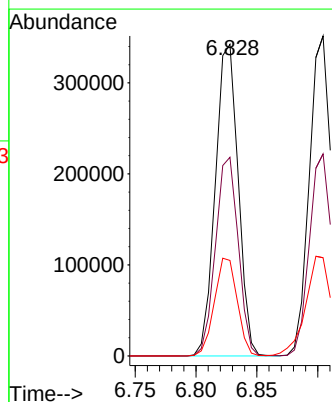
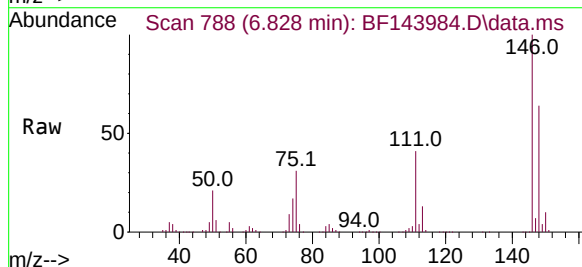
Instrument :
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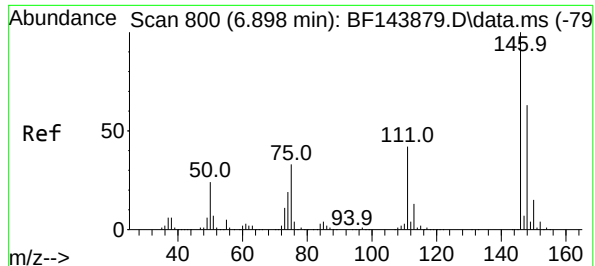
Tgt Ion: 93 Resp: 432796
 Ion Ratio Lower Upper
 93 100
 63 81.9 60.9 100.9
 95 31.1 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 38.735 ng
 RT: 6.828 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: BF143984.D
 Acq: 17 Oct 2025 14:43

Tgt Ion: 146 Resp: 447023
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.4
 75 30.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 39.051 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

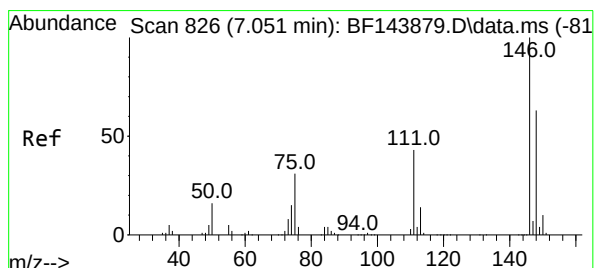
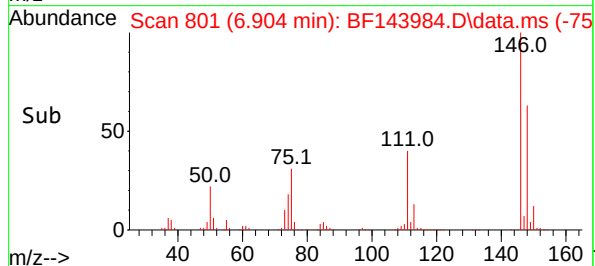
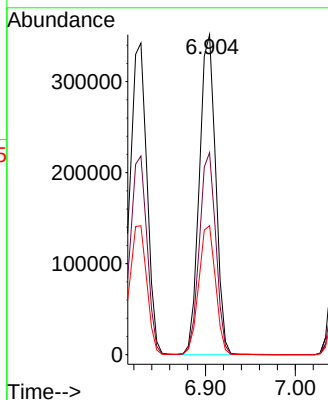
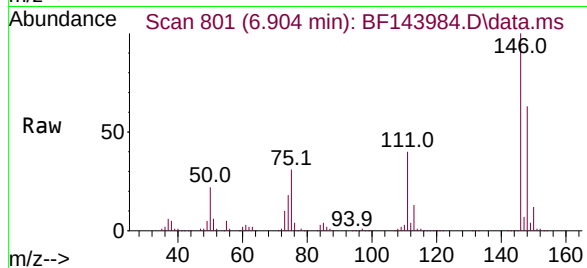
Tgt Ion:146 Resp: 444550

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 40.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 39.285 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

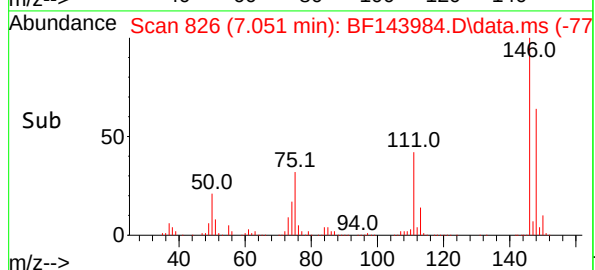
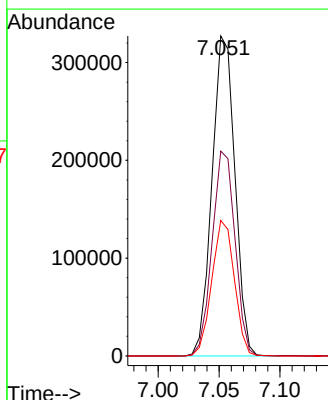
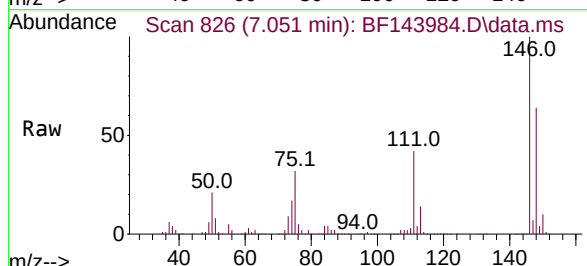
Tgt Ion:146 Resp: 428361

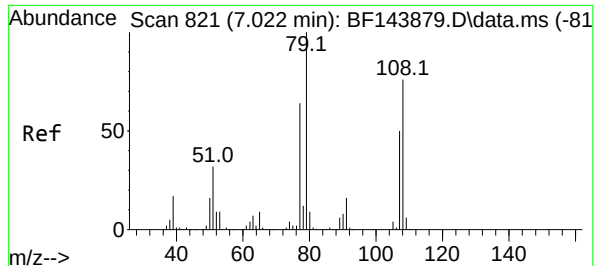
Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

111 42.3 34.6 51.8

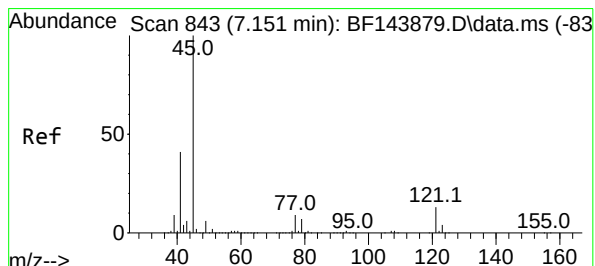
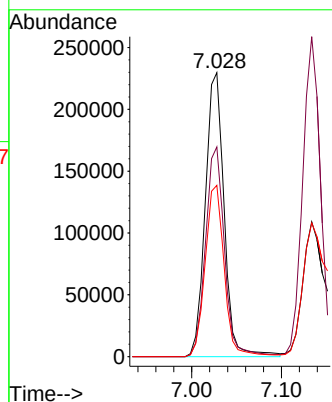
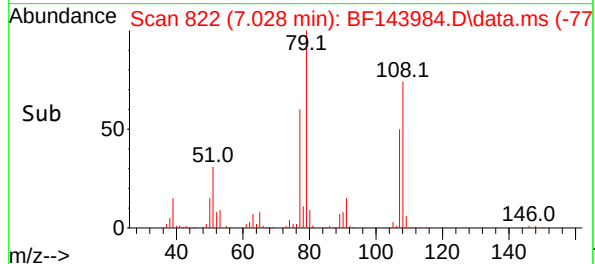
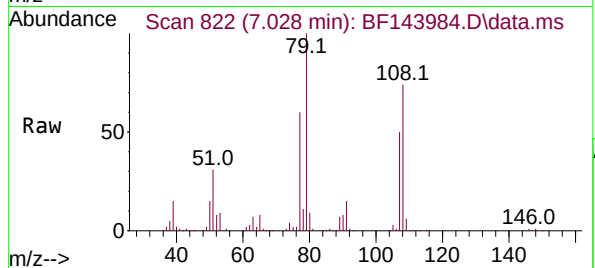




#15
Benzyl Alcohol
Concen: 37.917 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

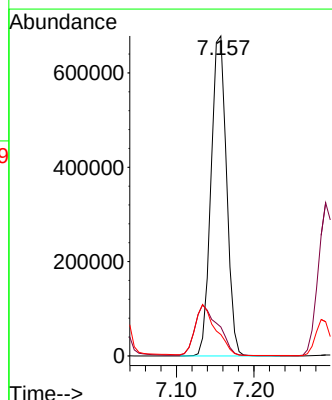
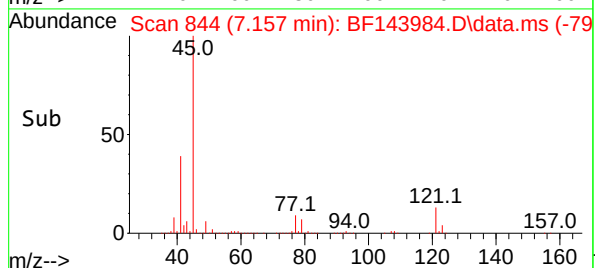
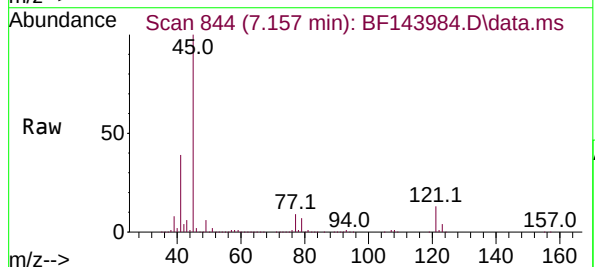
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ClientSampleId :
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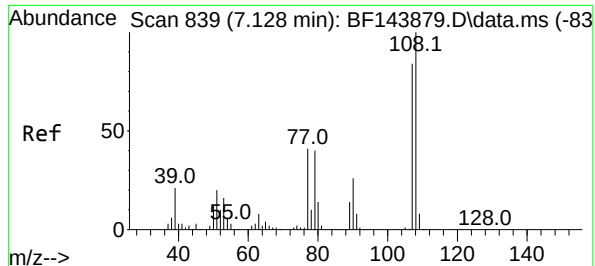
Tgt Ion: 79 Resp: 333987
Ion Ratio Lower Upper
79 100
108 73.9 60.8 91.2
77 60.4 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.150 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 45 Resp: 942813
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.7 0.0 26.8

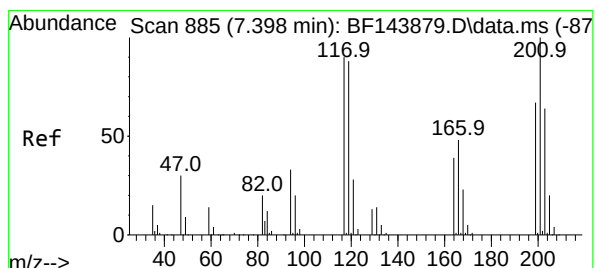
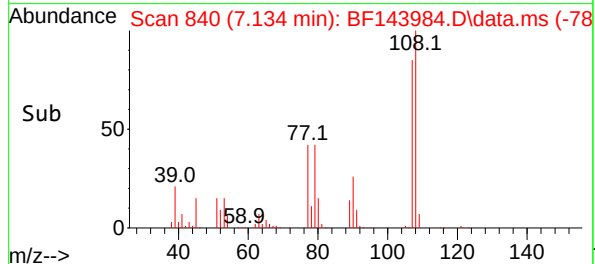
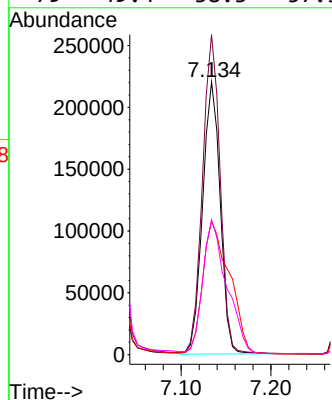
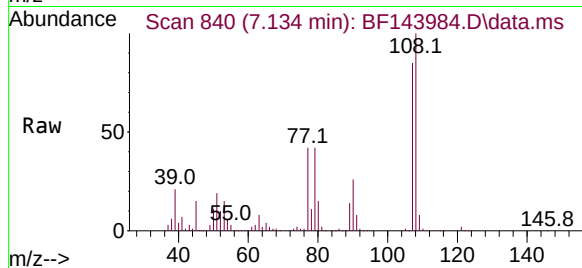




#17
2-Methylphenol
Concen: 37.768 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

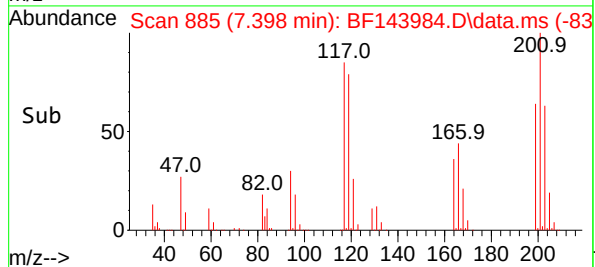
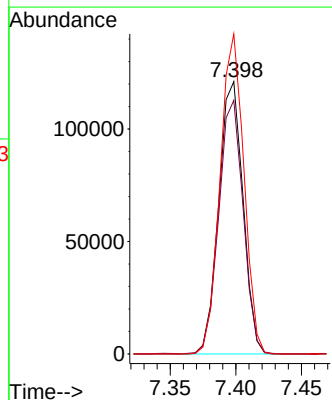
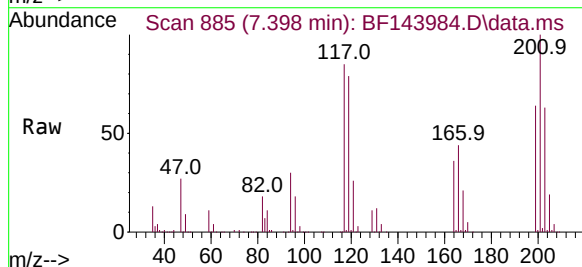
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

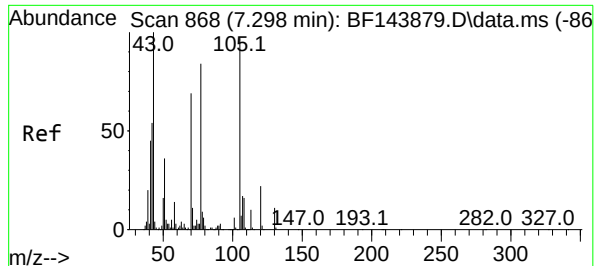
Tgt Ion:	107	Resp:	300923
Ion	Ratio	Lower	Upper
107	100		
108	117.3	94.7	142.1
77	49.0	38.8	58.2
79	49.4	38.3	57.5



#18
Hexachloroethane
Concen: 40.983 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:	117	Resp:	155589
Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.8	116.8
201	117.6	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 32.115 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 258435

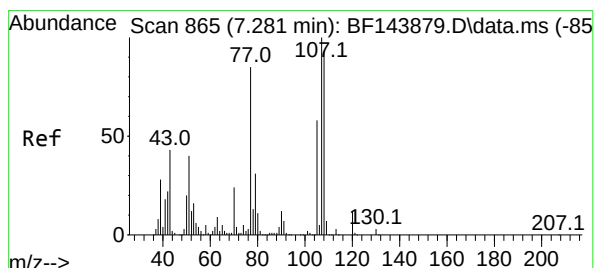
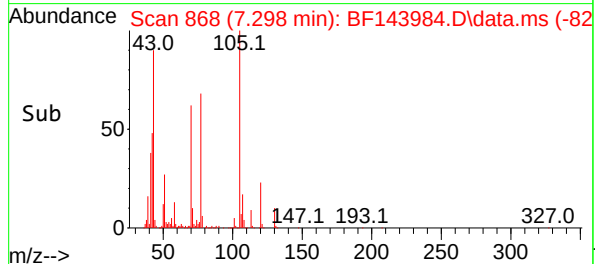
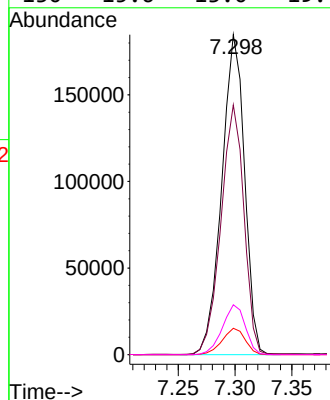
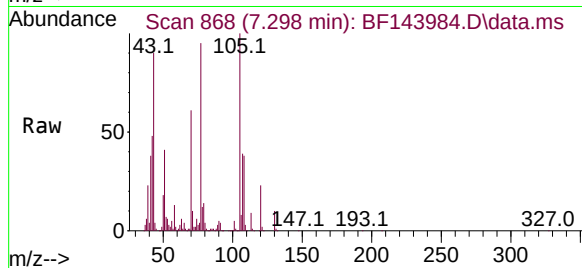
Ion Ratio Lower Upper

70 100

42 78.0 62.8 94.2

101 8.2 6.7 10.1

130 15.6 13.0 19.4



#20

3+4-Methylphenols

Concen: 35.518 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Tgt Ion: 107 Resp: 327990

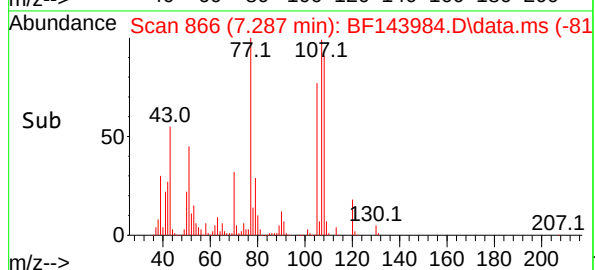
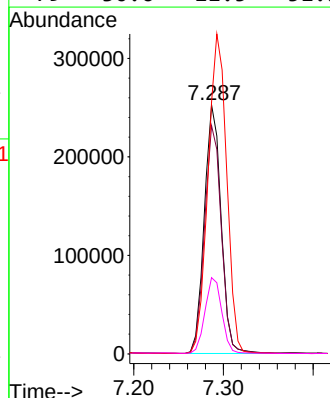
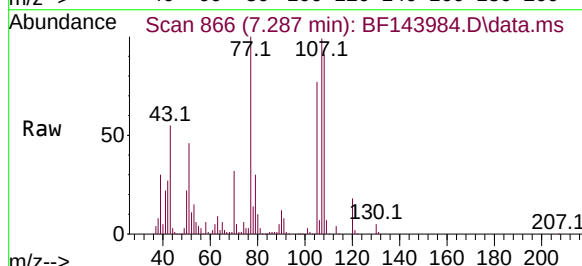
Ion Ratio Lower Upper

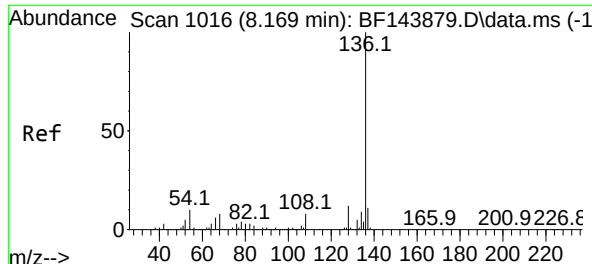
107 100

108 91.6 73.0 113.0

77 101.1 64.6 104.6

79 30.6 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 566623

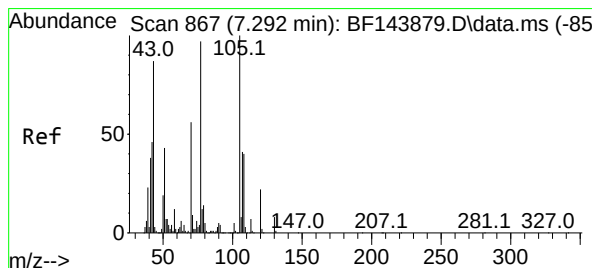
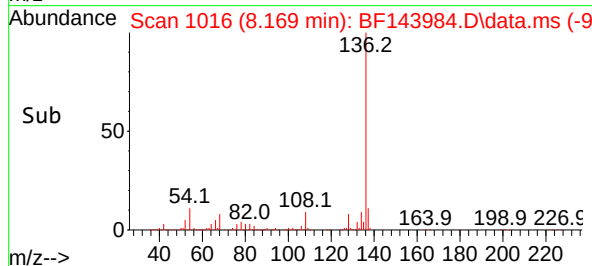
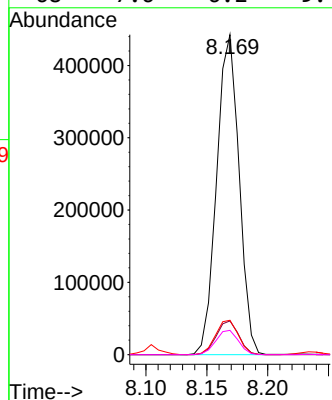
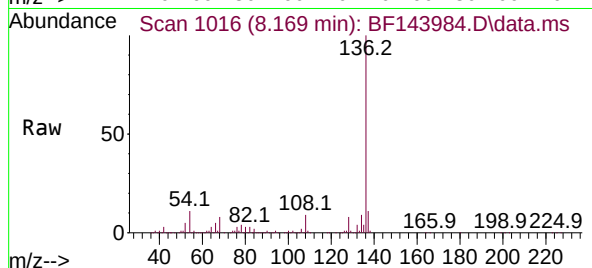
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 10.7 8.2 12.4

68 7.6 6.2 9.4



#22

Acetophenone

Concen: 36.001 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Tgt Ion:105 Resp: 431324

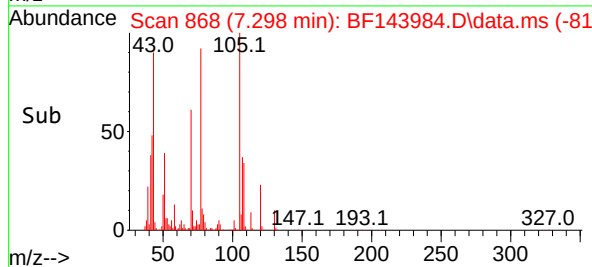
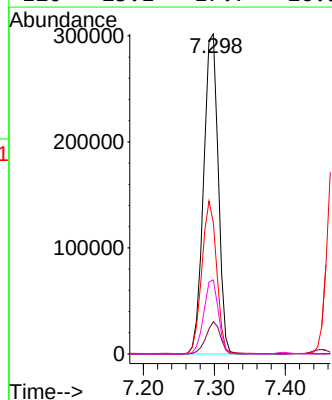
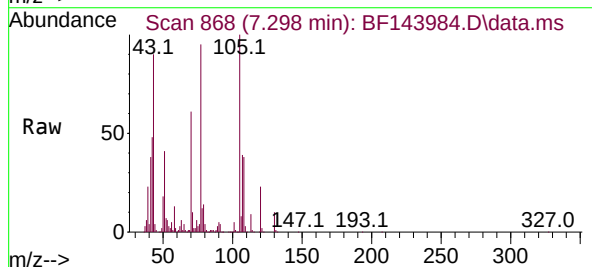
Ion Ratio Lower Upper

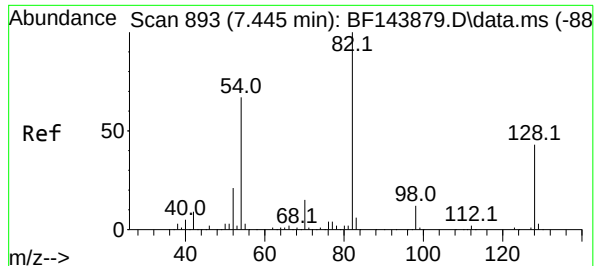
105 100

71 10.1 7.4 11.0

51 41.1 34.2 51.4

120 23.1 17.7 26.5





#23

Nitrobenzene-d5

Concen: 82.295 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

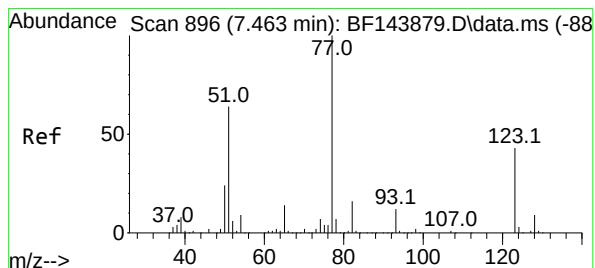
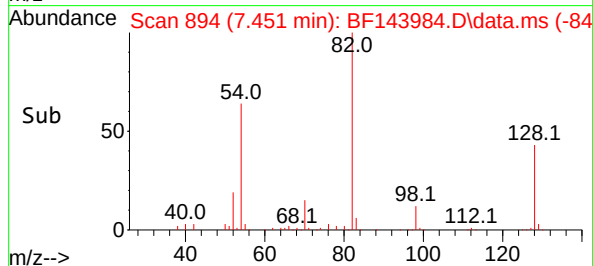
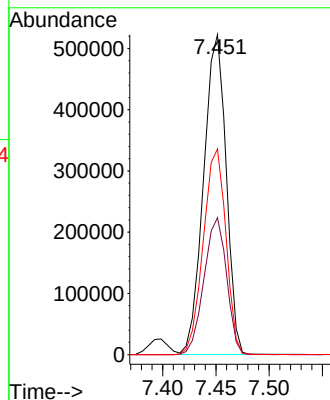
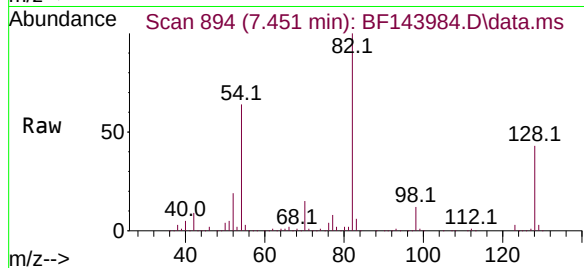
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 767518

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	64.3	53.2	79.8



#24

Nitrobenzene

Concen: 41.444 ng

RT: 7.469 min Scan# 897

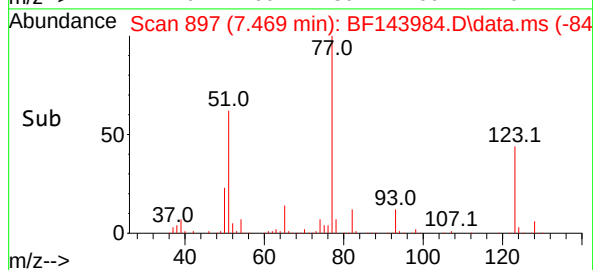
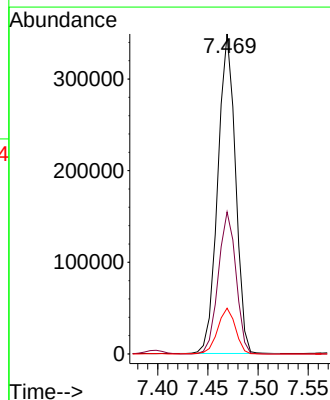
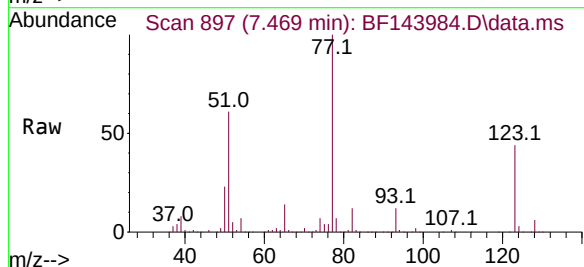
Delta R.T. -0.006 min

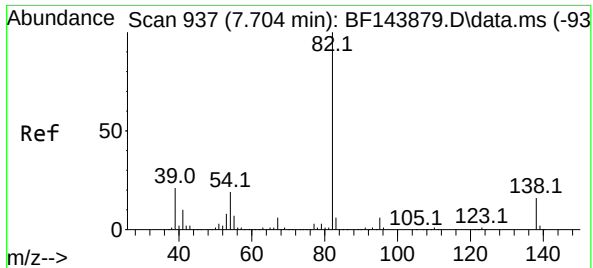
Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Tgt Ion: 77 Resp: 429240

Ion	Ratio	Lower	Upper
77	100		
123	44.4	34.2	51.4
65	14.3	11.0	16.6

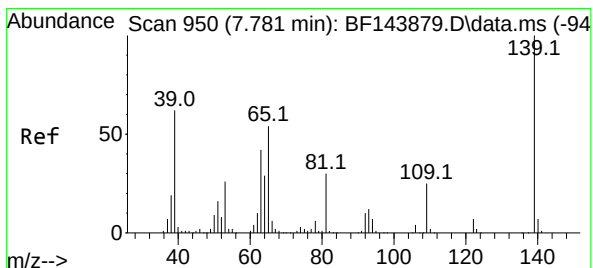
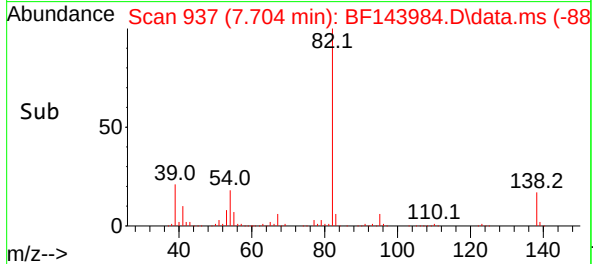
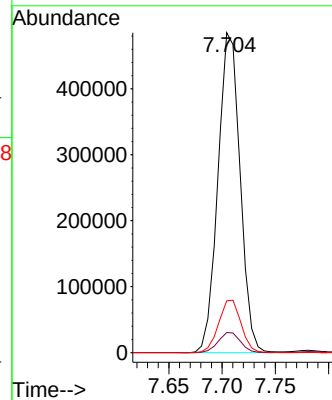
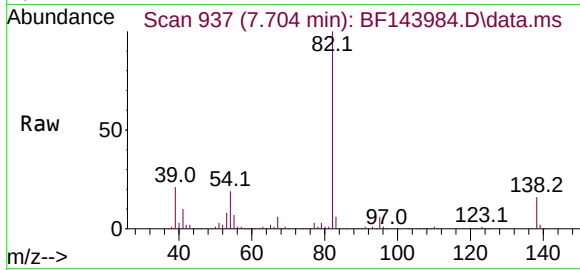




#25
Isophorone
Concen: 35.799 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.017 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

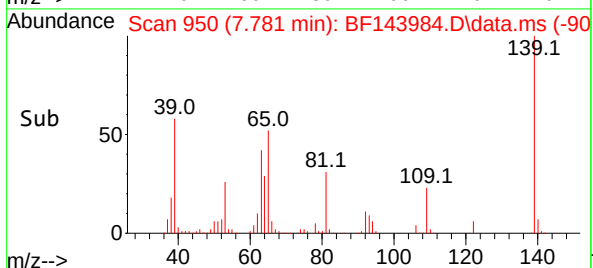
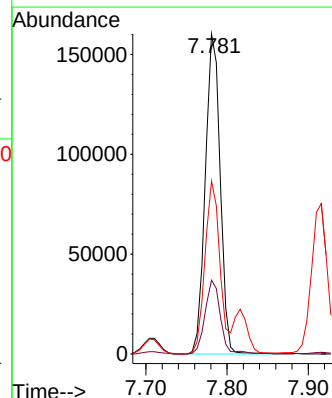
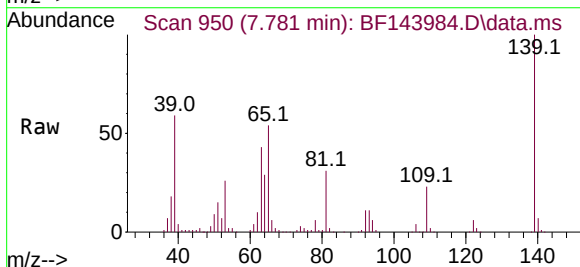
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

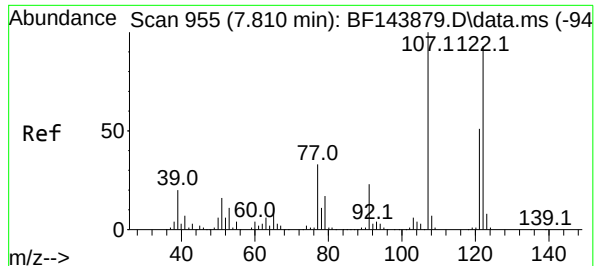
Tgt Ion:	82	Resp:	704001
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.1	7.7
138	16.2	12.9	19.3



#26
2-Nitrophenol
Concen: 46.048 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:	139	Resp:	204473
Ion Ratio	Lower	Upper	
139	100		
109	23.0	19.8	29.6
65	54.0	42.9	64.3





#27

2,4-Dimethylphenol

Concen: 38.230 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

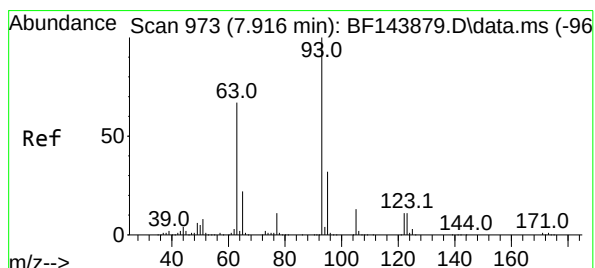
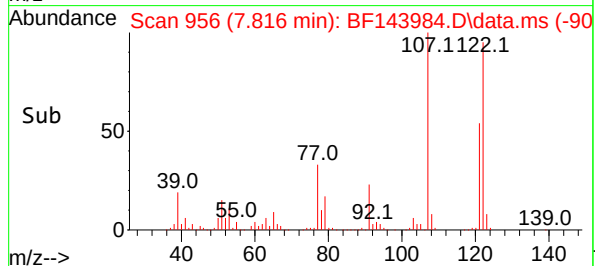
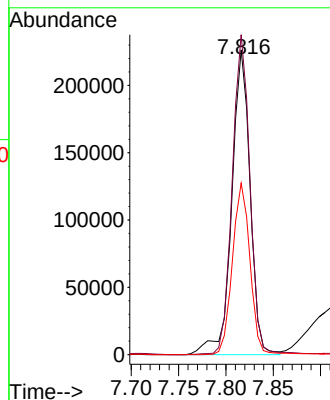
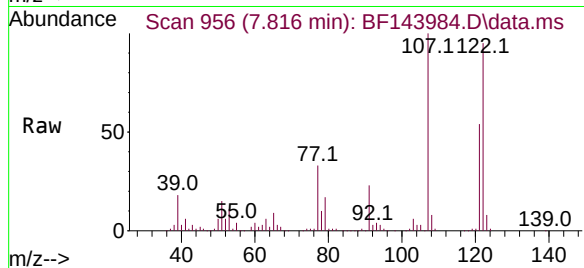
Tgt Ion:122 Resp: 305369

Ion Ratio Lower Upper

122 100

107 105.0 86.1 129.1

121 56.3 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 35.687 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

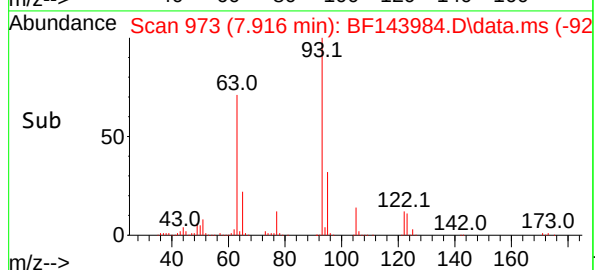
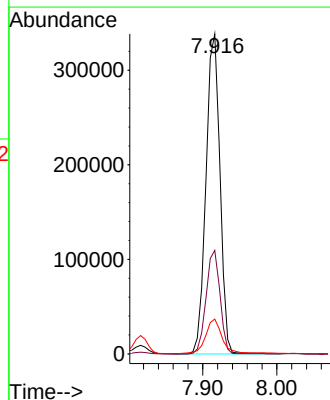
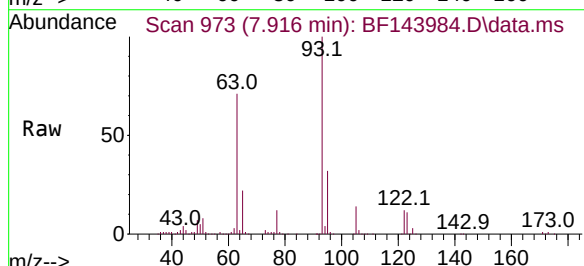
Tgt Ion: 93 Resp: 443313

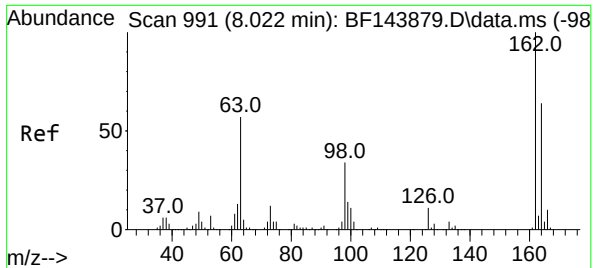
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 37.833 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

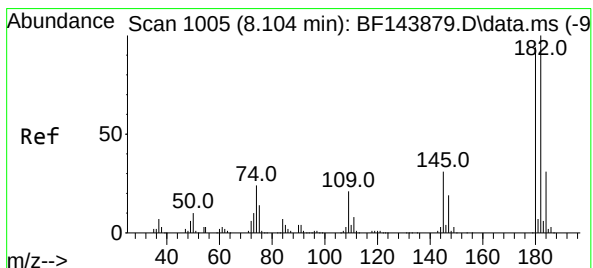
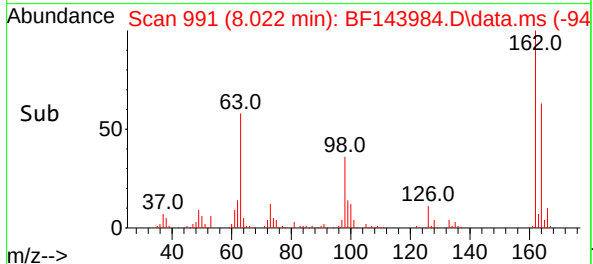
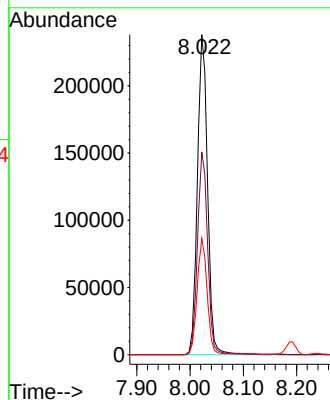
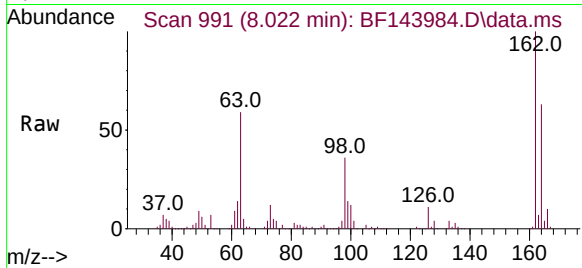
Tgt Ion:162 Resp: 314783

Ion Ratio Lower Upper

162 100

164 63.3 43.9 83.9

98 36.3 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 41.438 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

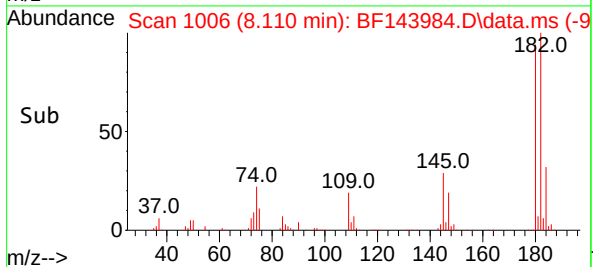
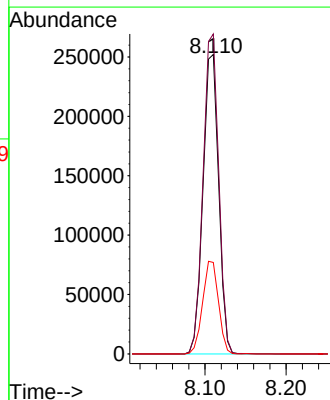
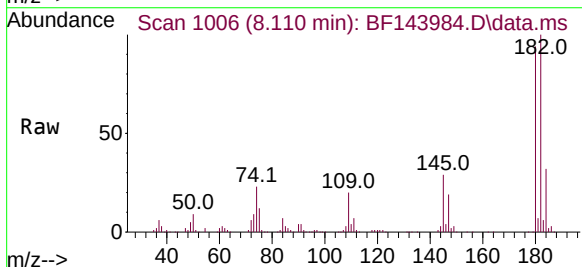
Tgt Ion:180 Resp: 339080

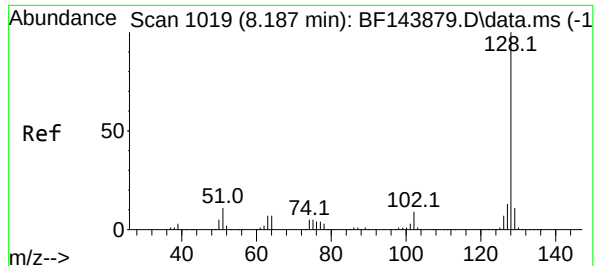
Ion Ratio Lower Upper

180 100

182 106.9 85.4 128.0

145 30.6 26.3 39.5





#31

Naphthalene

Concen: 37.537 ng

RT: 8.193 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

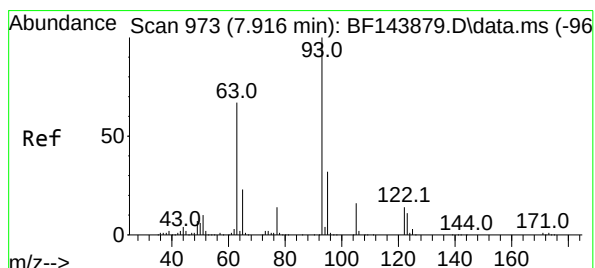
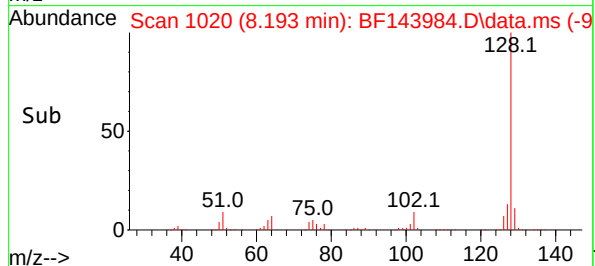
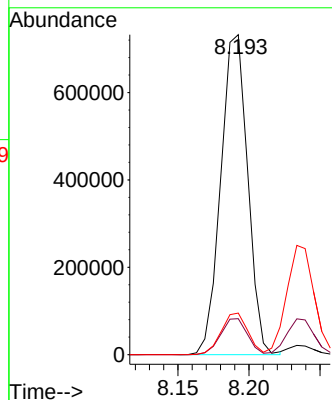
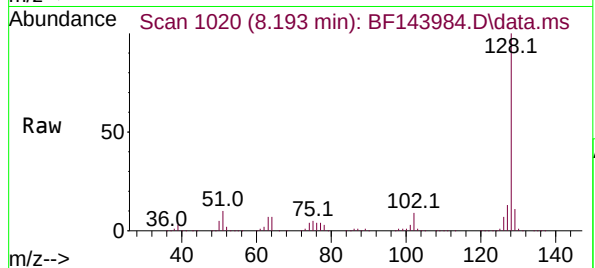
Tgt Ion:128 Resp: 967526

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.0 10.0 15.0



#32

Benzoic acid

Concen: 36.736 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.029 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

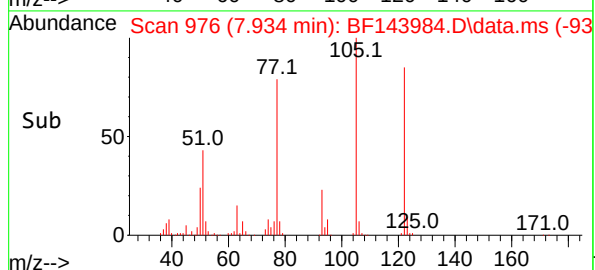
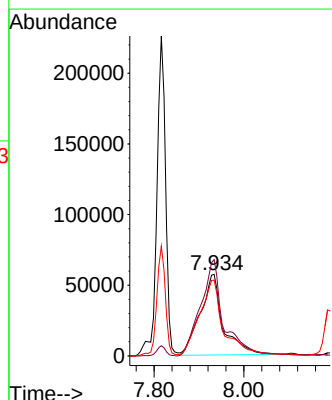
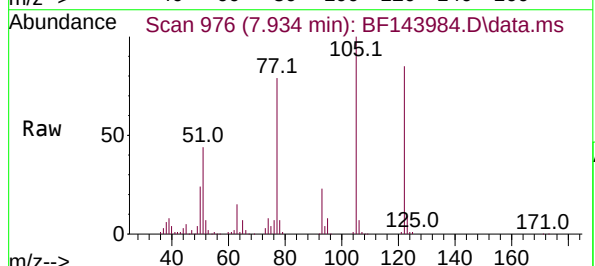
Tgt Ion:122 Resp: 203083

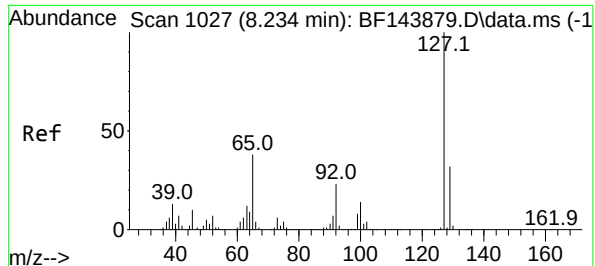
Ion Ratio Lower Upper

122 100

105 118.0 93.5 133.5

77 92.9 76.3 116.3





#33

4-Chloroaniline

Concen: 35.390 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 342115

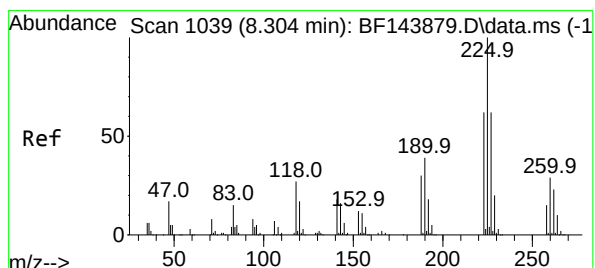
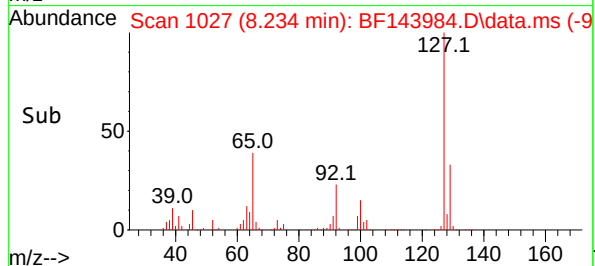
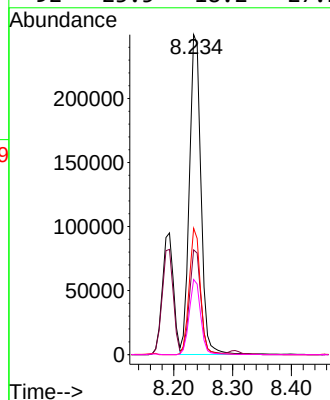
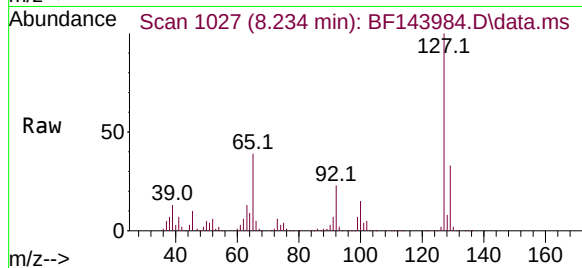
Ion Ratio Lower Upper

127 100

129 32.7 25.8 38.8

65 39.5 30.0 45.0

92 23.5 18.2 27.2



#34

Hexachlorobutadiene

Concen: 40.682 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

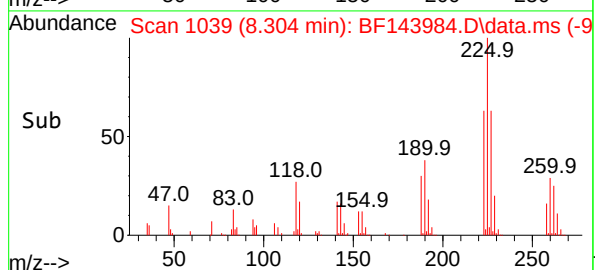
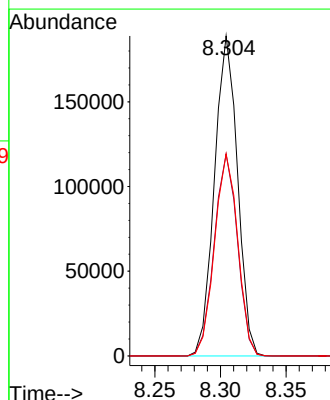
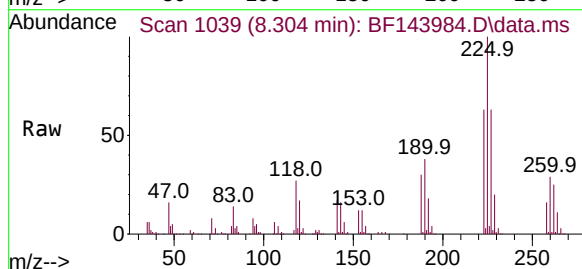
Tgt Ion:225 Resp: 231323

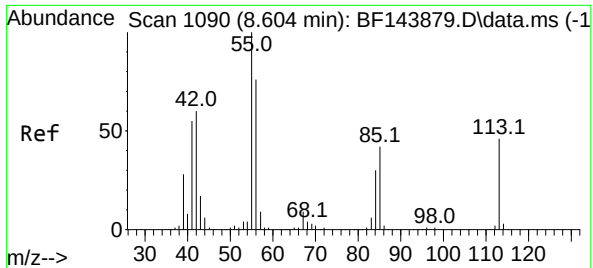
Ion Ratio Lower Upper

225 100

223 63.1 49.4 74.2

227 63.1 49.7 74.5

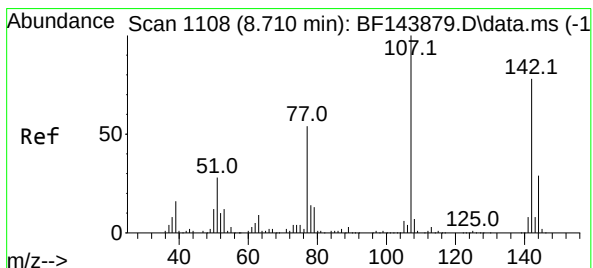
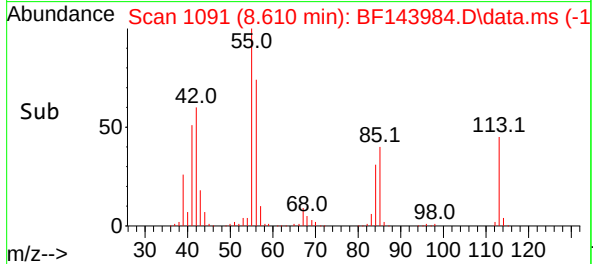
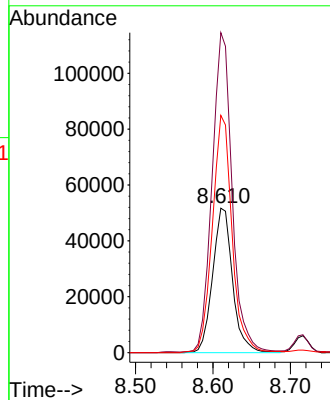
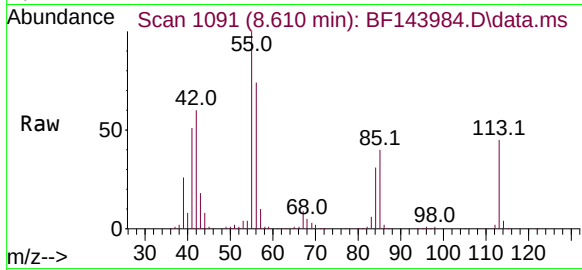




#35
Caprolactam
Concen: 34.885 ng
RT: 8.610 min Scan# 1109
Delta R.T. -0.035 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

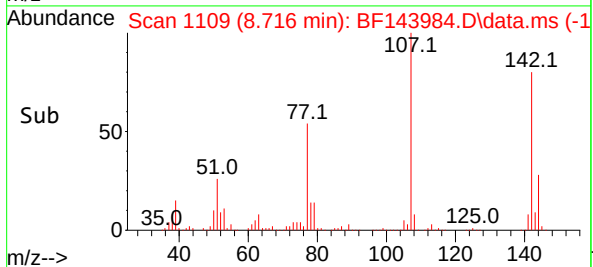
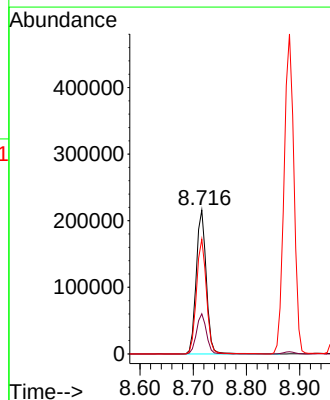
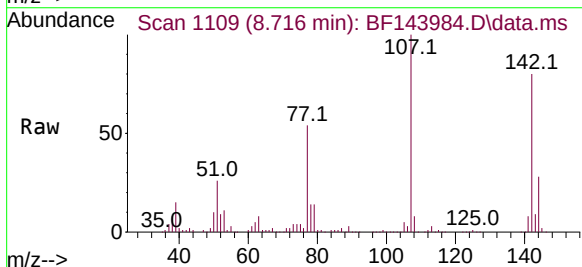
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

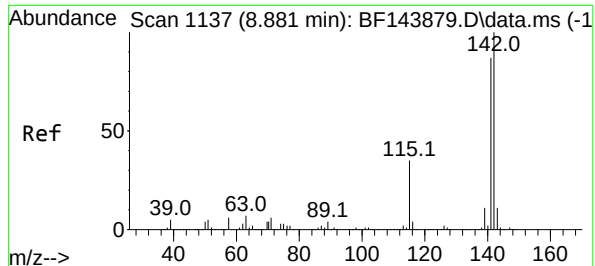
Tgt Ion	Ratio	Lower	Upper
113	100		
55	221.7	199.6	239.6
56	164.4	146.0	186.0



#36
4-Chloro-3-methylphenol
Concen: 35.371 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	23.1	34.7
142	79.8	62.6	94.0





#37

2-Methylnaphthalene

Concen: 35.842 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

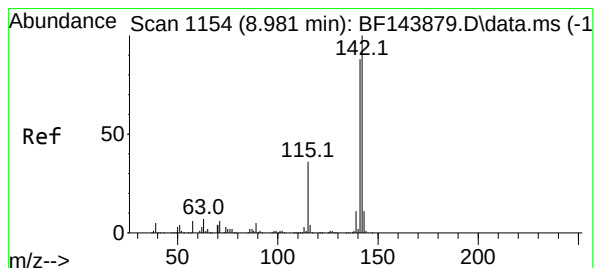
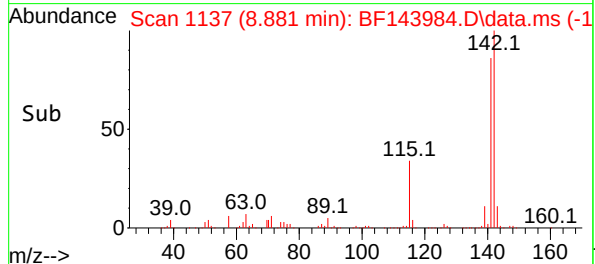
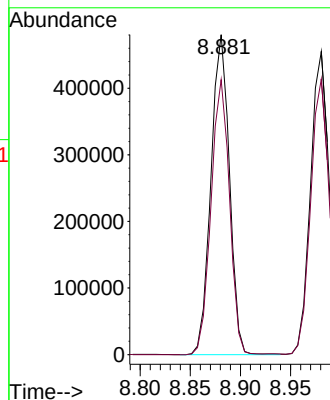
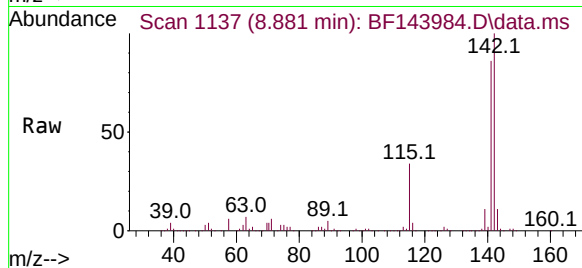
SSTDCCC040

Tgt Ion:142 Resp: 615393

Ion Ratio Lower Upper

142 100

141 86.0 69.2 103.8



#38

1-Methylnaphthalene

Concen: 34.781 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143984.D

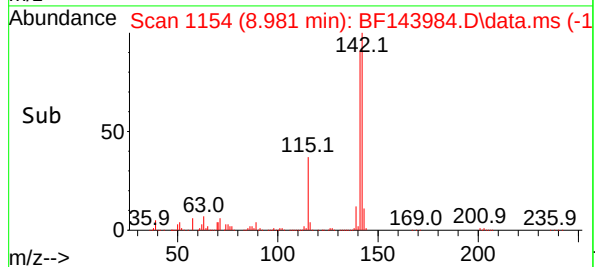
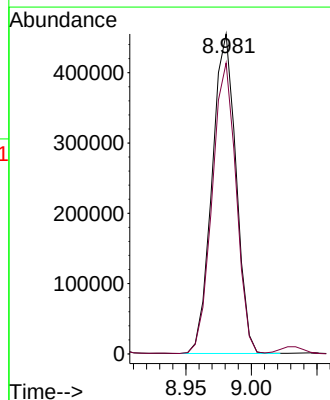
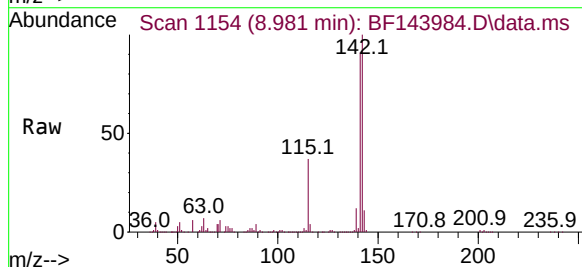
Acq: 17 Oct 2025 14:43

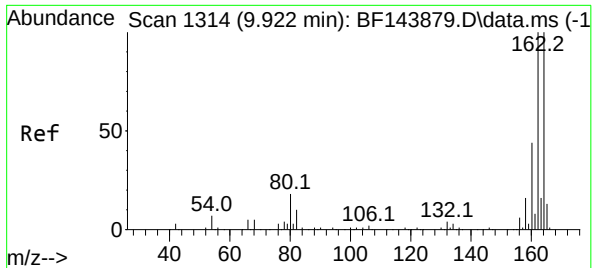
Tgt Ion:142 Resp: 579247

Ion Ratio Lower Upper

142 100

141 90.9 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

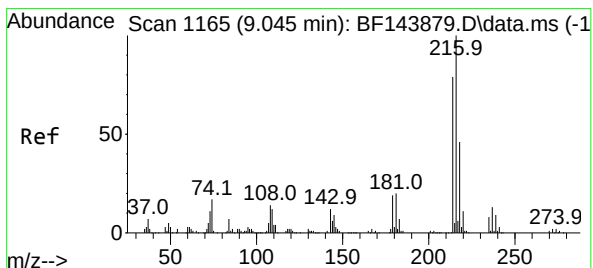
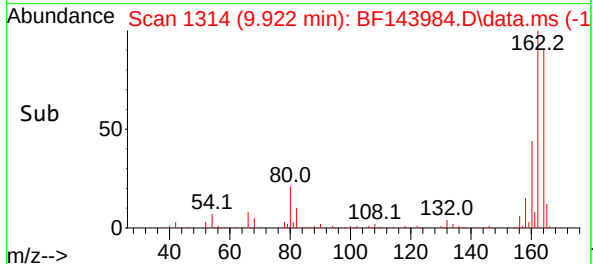
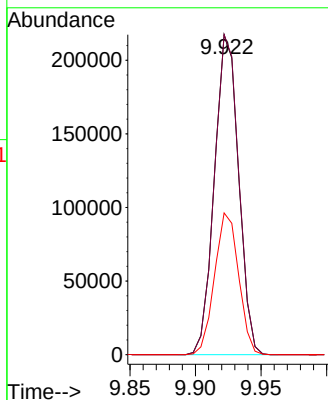
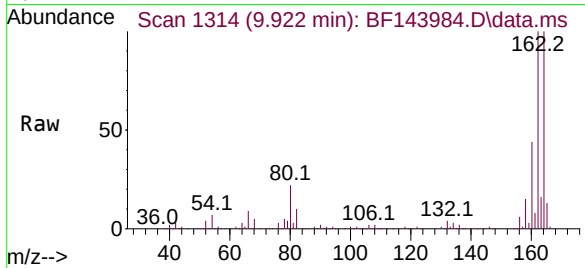
Tgt Ion:164 Resp: 278942

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

160 44.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.355 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Tgt Ion:216 Resp: 318829

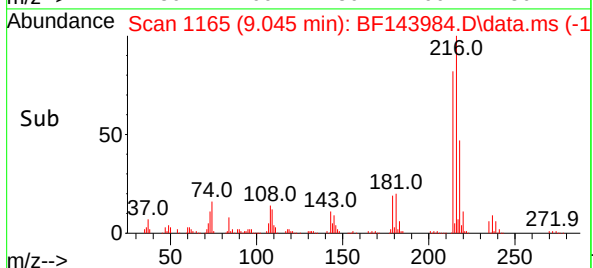
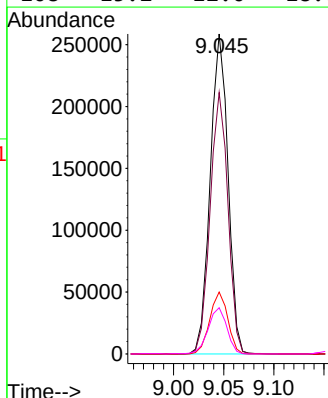
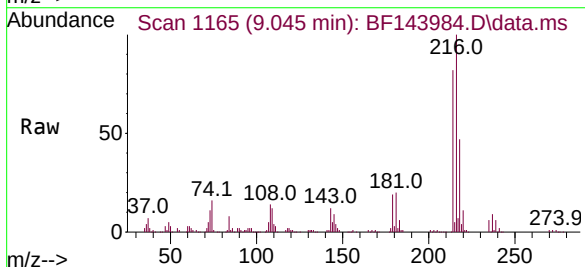
Ion Ratio Lower Upper

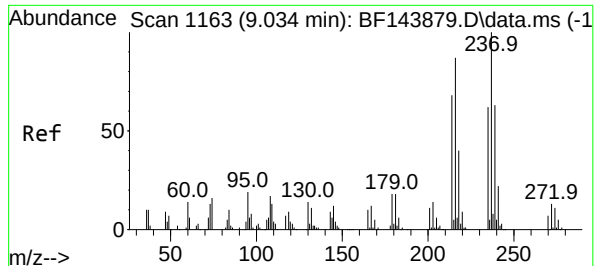
216 100

214 81.8 62.6 94.0

179 19.5 15.4 23.0

108 15.2 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 34.808 ng

RT: 9.034 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

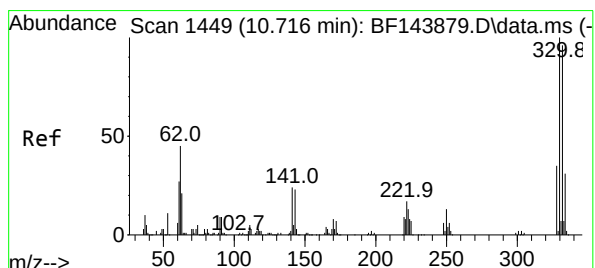
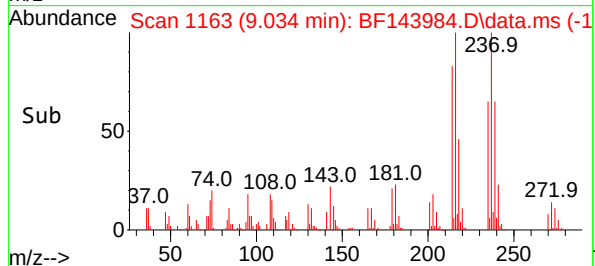
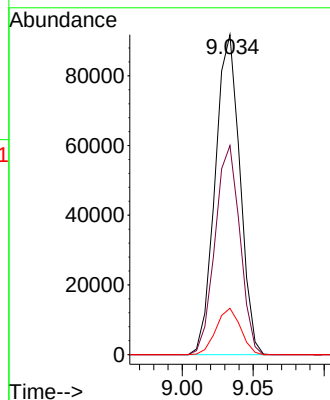
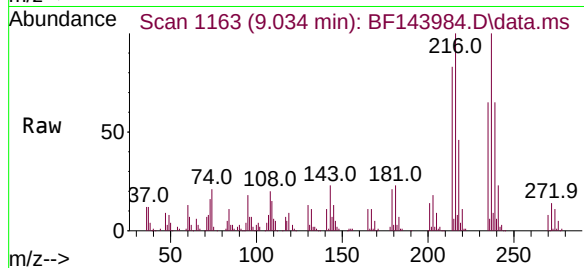
Tgt Ion:237 Resp: 111331

Ion Ratio Lower Upper

237 100

235 65.3 42.3 82.3

272 14.5 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 81.635 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

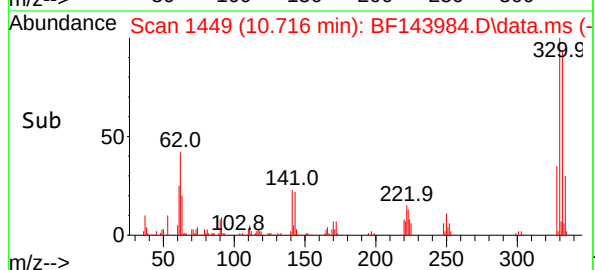
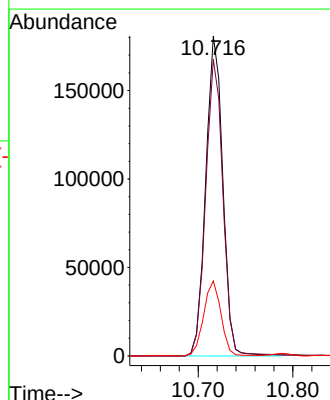
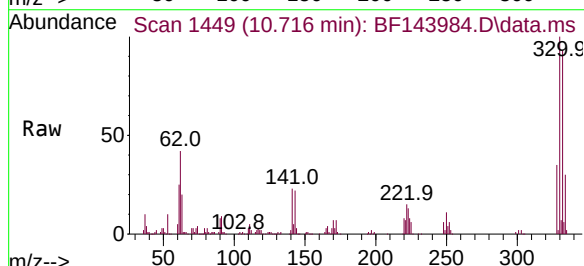
Tgt Ion:330 Resp: 226809

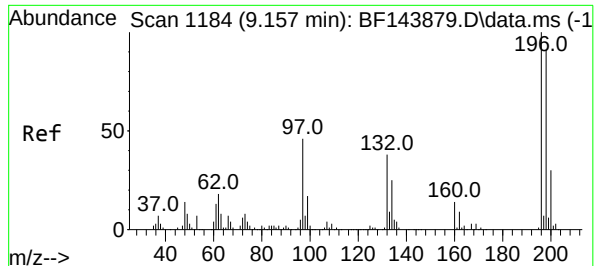
Ion Ratio Lower Upper

330 100

332 94.0 76.9 115.3

141 23.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 39.505 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

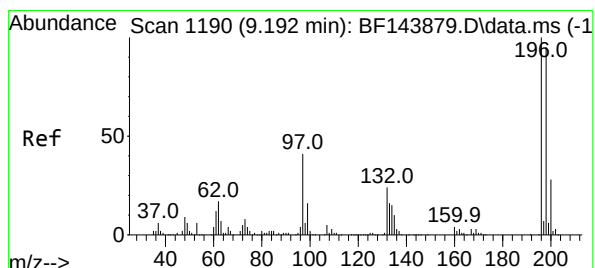
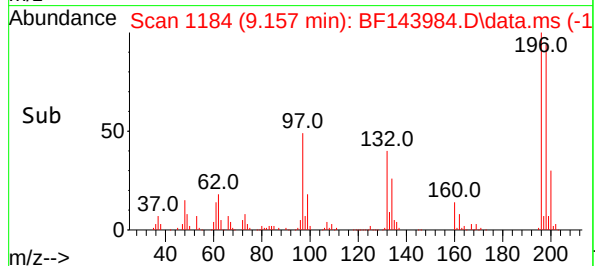
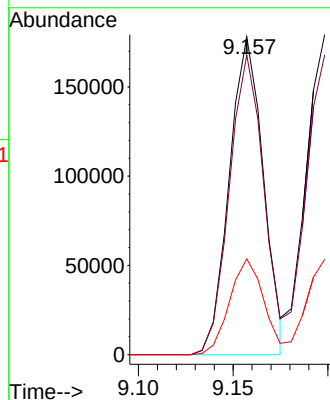
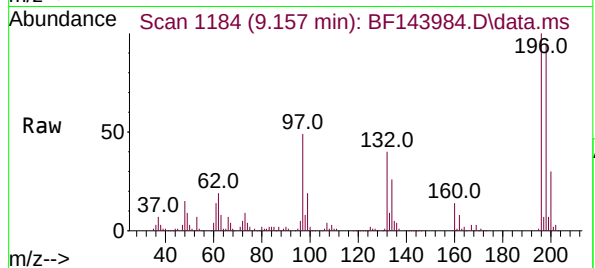
Tgt Ion:196 Resp: 222532

Ion Ratio Lower Upper

196 100

198 94.3 72.8 109.2

200 30.1 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 41.058 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Tgt Ion:196 Resp: 244412

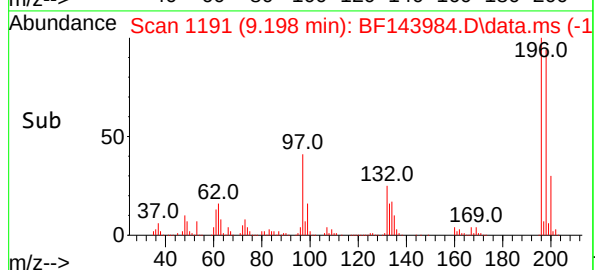
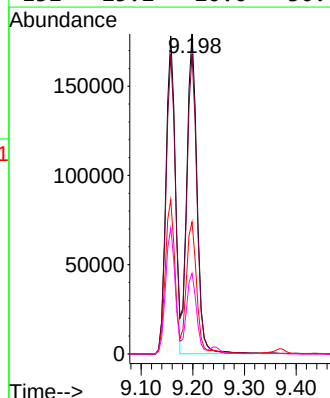
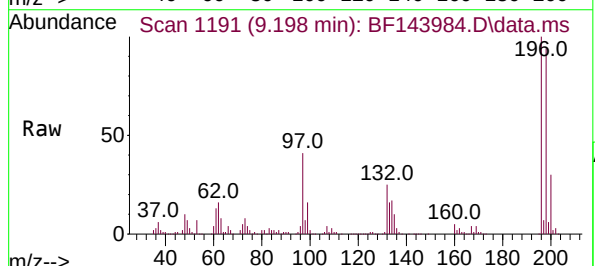
Ion Ratio Lower Upper

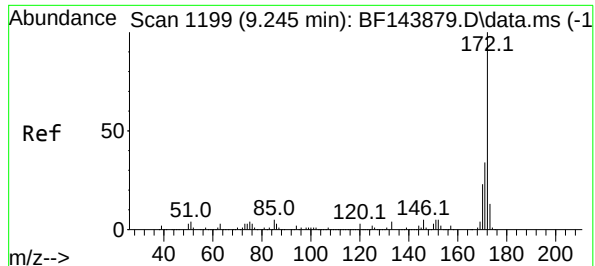
196 100

198 93.7 75.5 113.3

97 41.2 33.9 50.9

132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 73.197 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

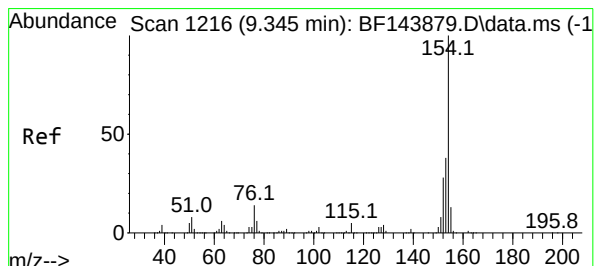
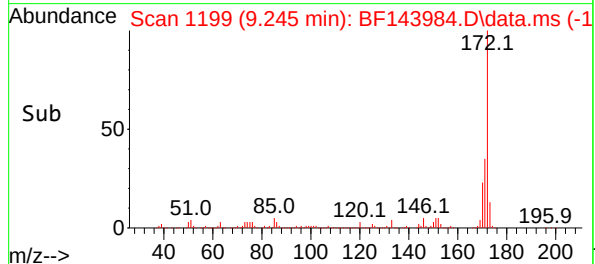
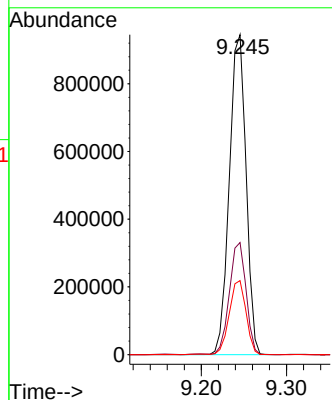
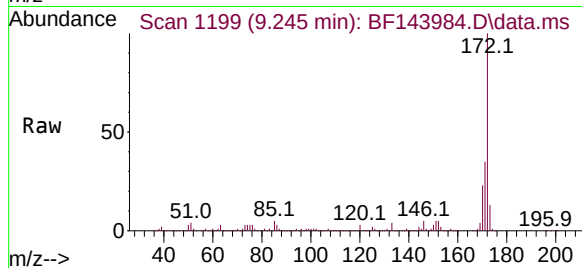
Tgt Ion:172 Resp: 1286763

Ion Ratio Lower Upper

172 100

171 35.0 27.4 41.0

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.246 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

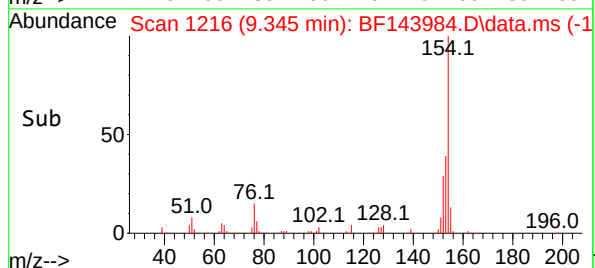
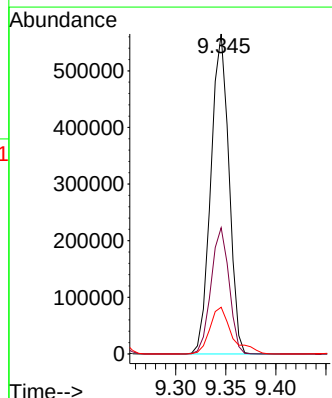
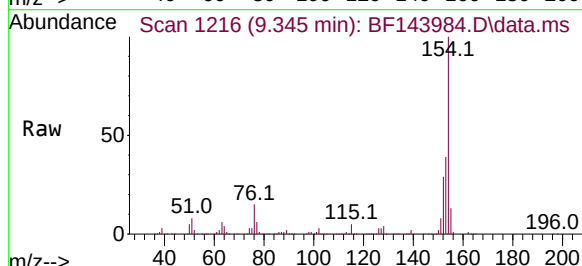
Tgt Ion:154 Resp: 706340

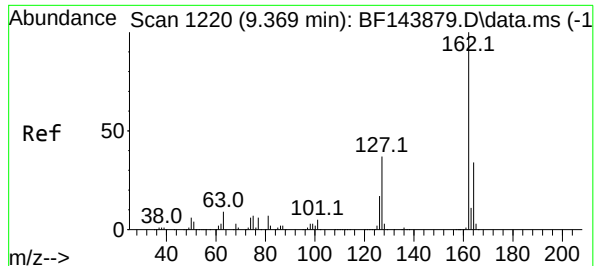
Ion Ratio Lower Upper

154 100

153 39.4 18.4 58.4

76 14.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 39.827 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

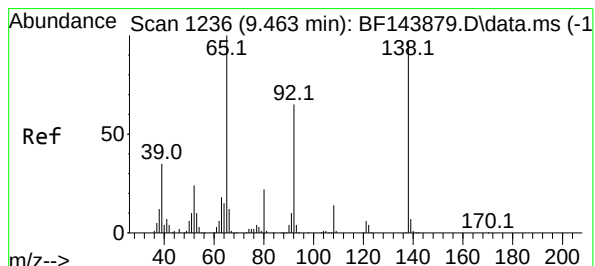
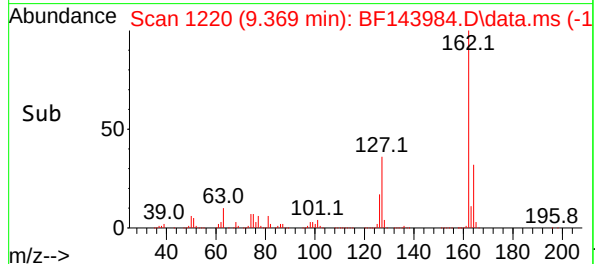
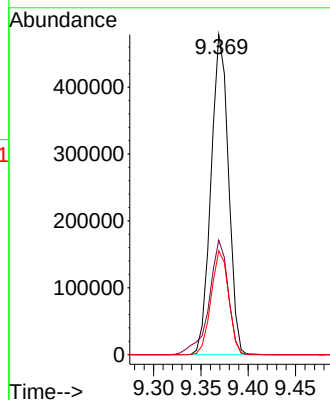
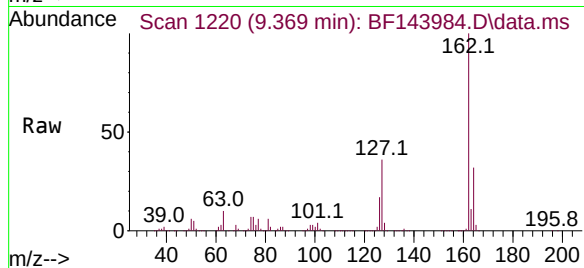
Tgt Ion:162 Resp: 613272

Ion Ratio Lower Upper

162 100

127 35.8 30.2 45.2

164 32.4 26.9 40.3



#48

2-Nitroaniline

Concen: 42.502 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

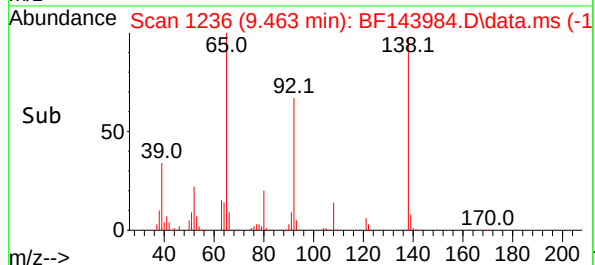
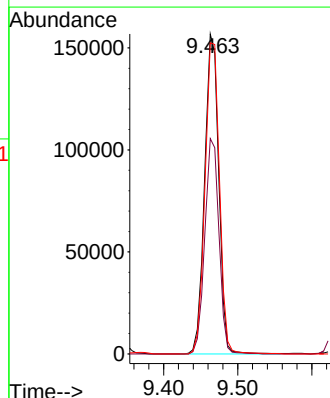
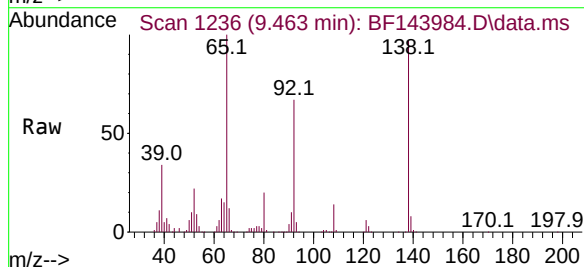
Tgt Ion: 65 Resp: 206912

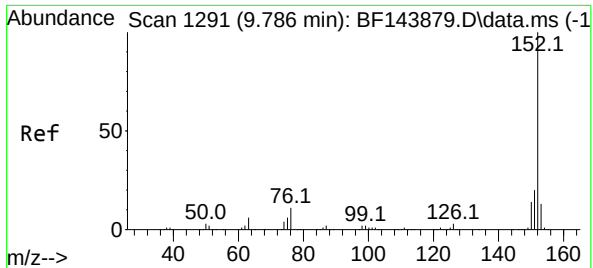
Ion Ratio Lower Upper

65 100

92 67.3 52.1 78.1

138 97.2 77.4 116.2





#49

Acenaphthylene

Concen: 38.094 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

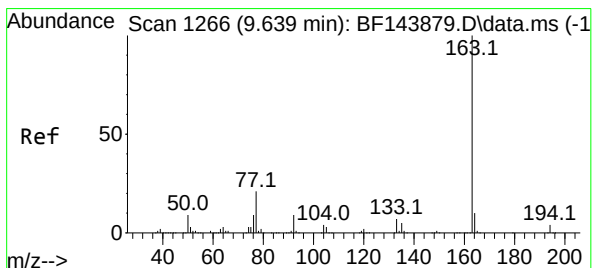
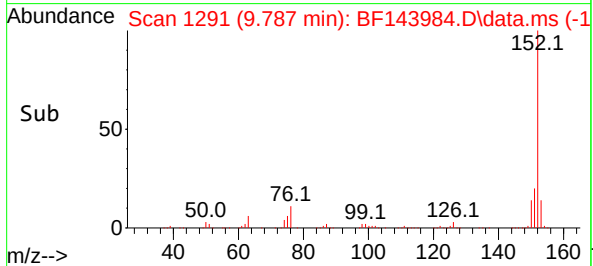
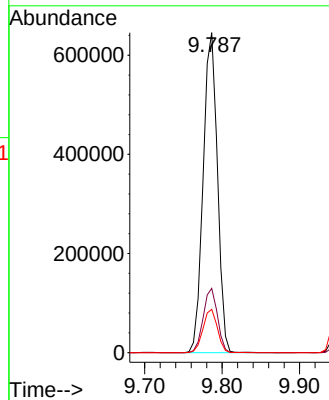
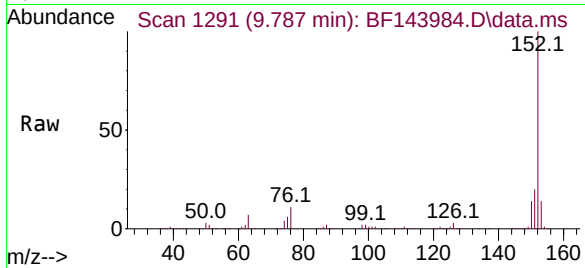
Tgt Ion:152 Resp: 824641

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 38.778 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

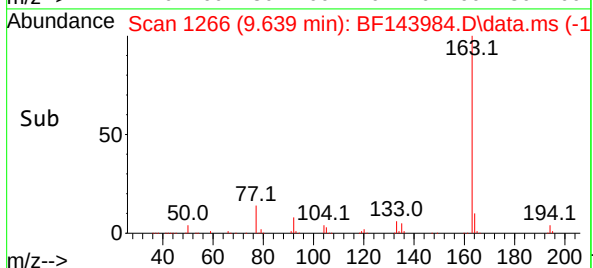
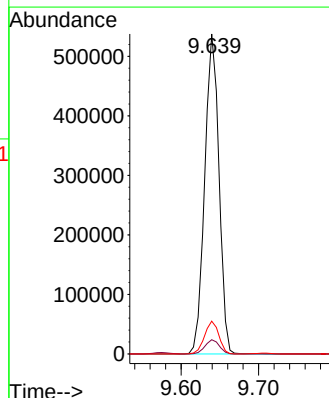
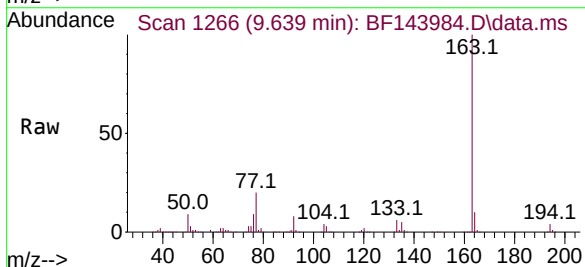
Tgt Ion:163 Resp: 686911

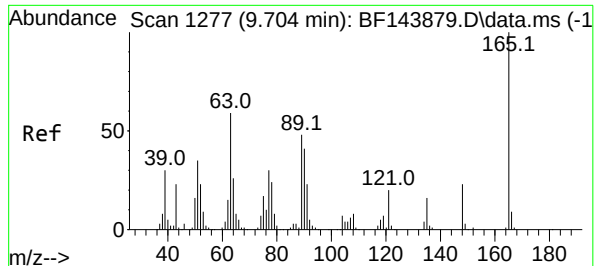
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 45.724 ng

RT: 9.704 min Scan# 1277

Delta R.T. -0.012 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

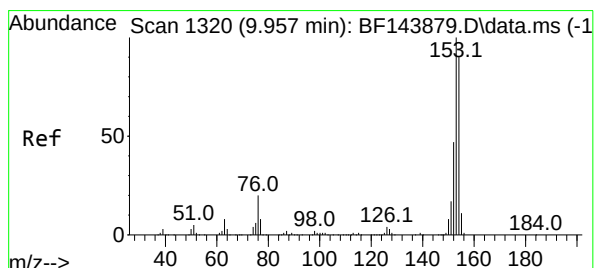
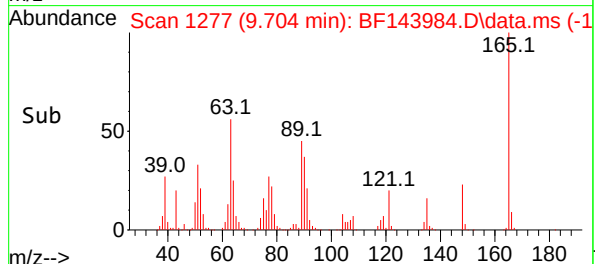
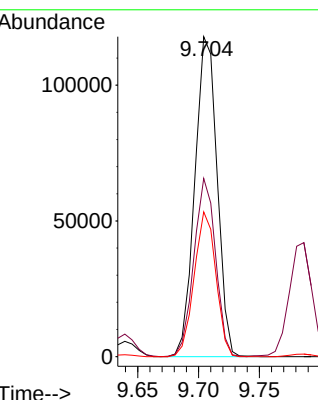
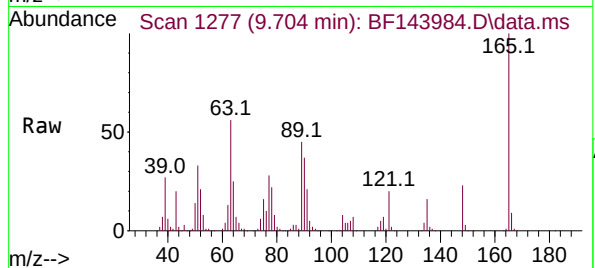
Tgt Ion:165 Resp: 150191

Ion Ratio Lower Upper

165 100

63 55.7 47.3 70.9

89 45.2 38.2 57.4



#52

Acenaphthene

Concen: 38.520 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

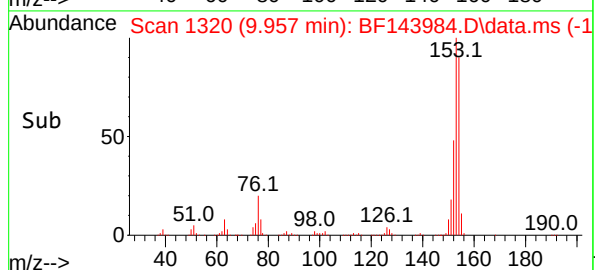
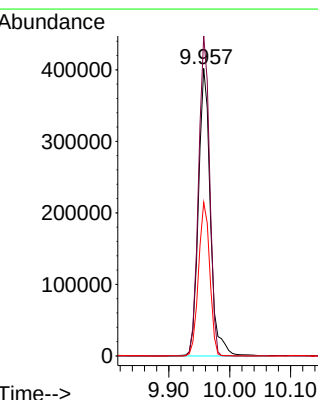
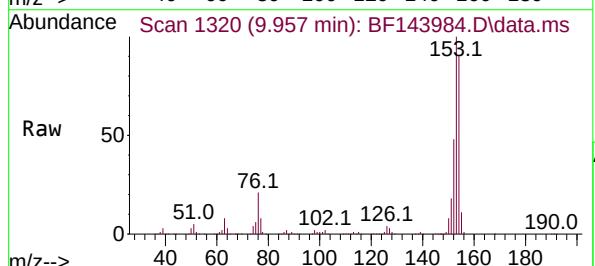
Tgt Ion:154 Resp: 546398

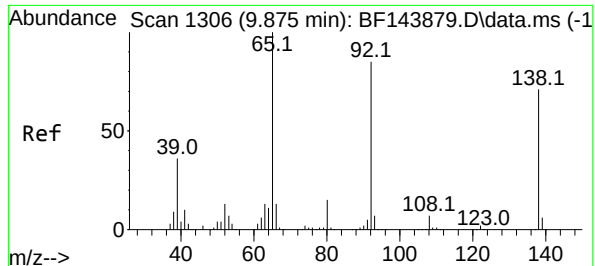
Ion Ratio Lower Upper

154 100

153 111.3 89.3 133.9

152 53.4 42.2 63.2





#53

3-Nitroaniline

Concen: 41.782 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

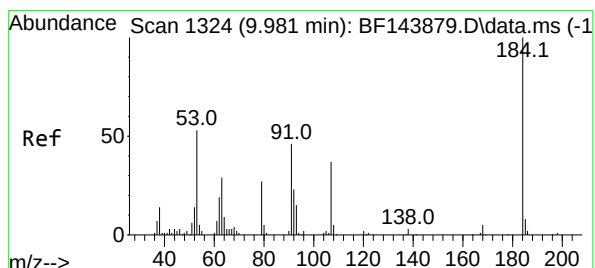
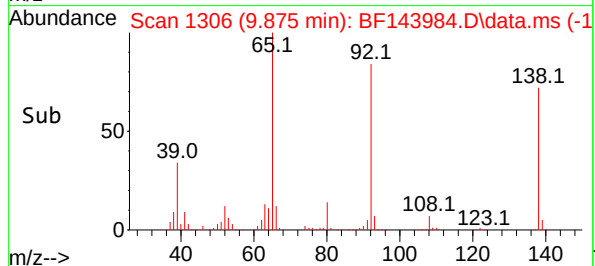
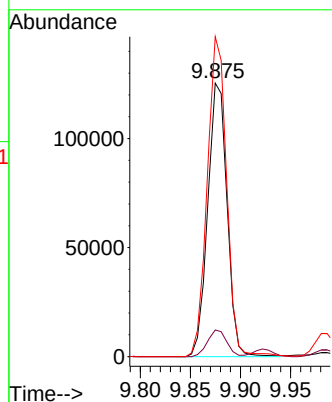
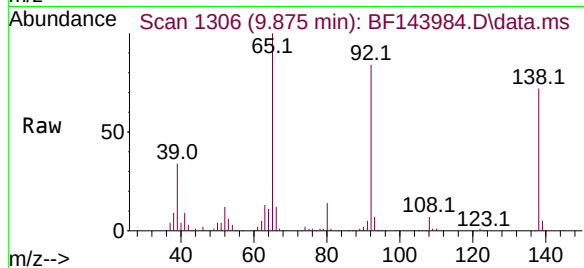
Tgt Ion:138 Resp: 168048

Ion Ratio Lower Upper

138 100

108 9.8 8.3 12.5

92 117.0 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 38.380 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

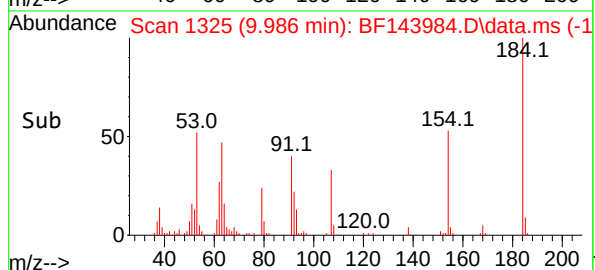
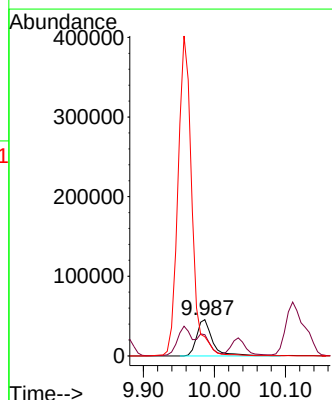
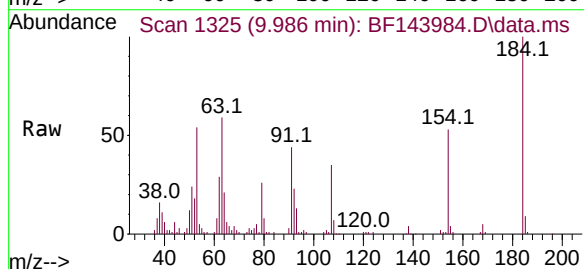
Tgt Ion:184 Resp: 69751

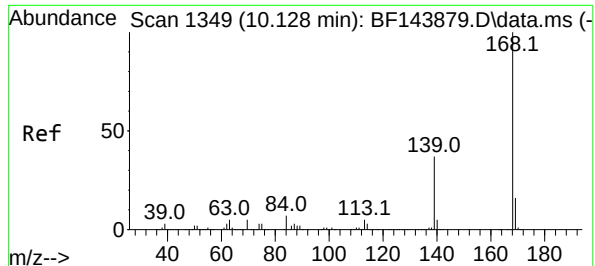
Ion Ratio Lower Upper

184 100

63 58.6 48.2 72.4

154 52.7 49.2 73.8





#55

Dibenzenofuran

Concen: 38.374 ng

RT: 10.134 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

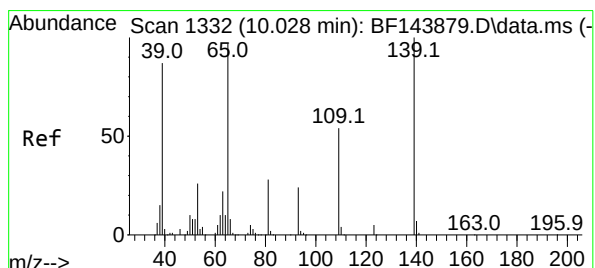
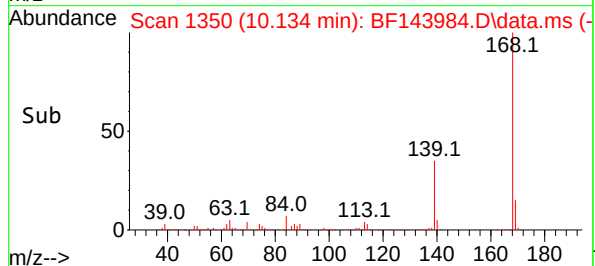
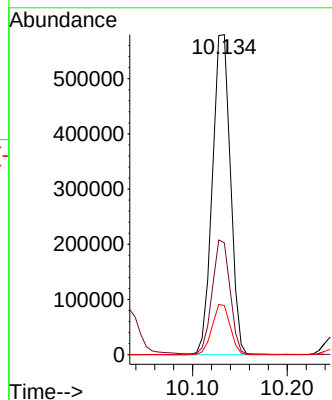
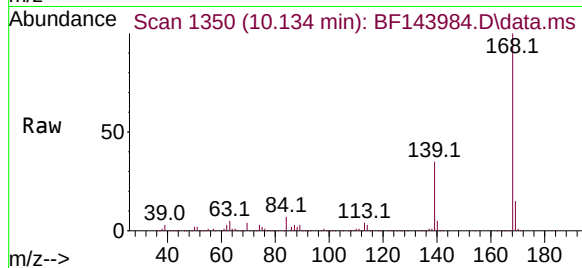
Tgt Ion:168 Resp: 768388

Ion Ratio Lower Upper

168 100

139 34.9 29.8 44.8

169 15.3 12.8 19.2



#56

4-Nitrophenol

Concen: 38.015 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

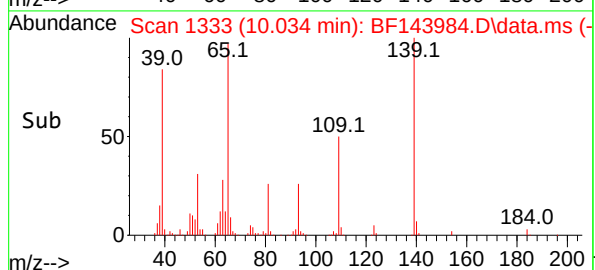
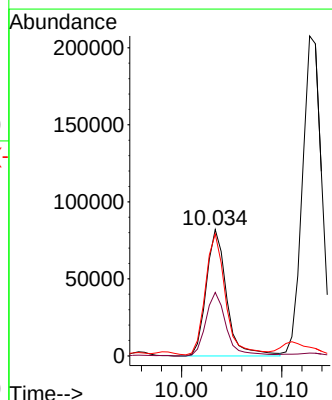
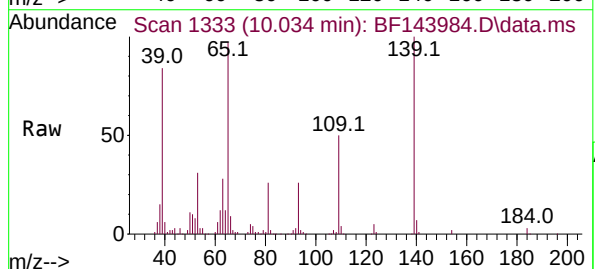
Tgt Ion:139 Resp: 115766

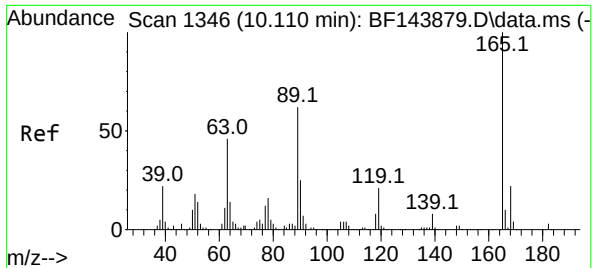
Ion Ratio Lower Upper

139 100

109 50.3 34.5 74.5

65 96.7 77.6 117.6

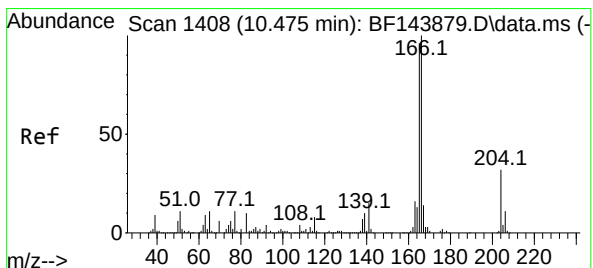
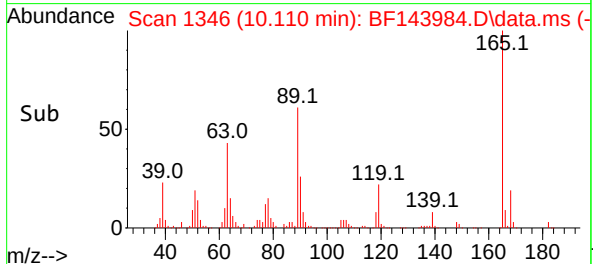
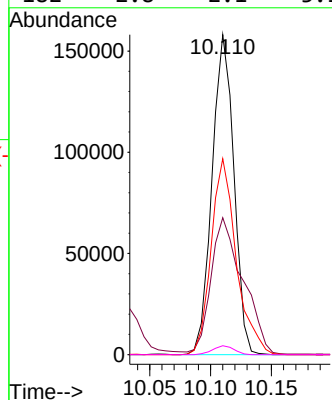
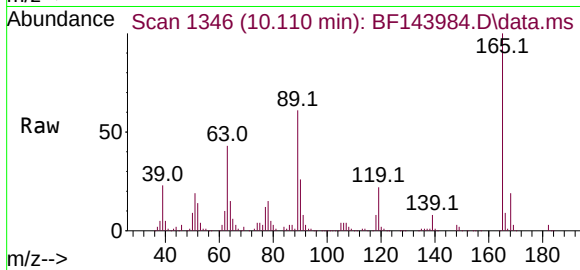




#57
2,4-Dinitrotoluene
Concen: 44.073 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

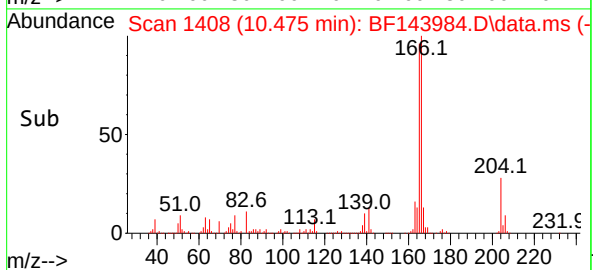
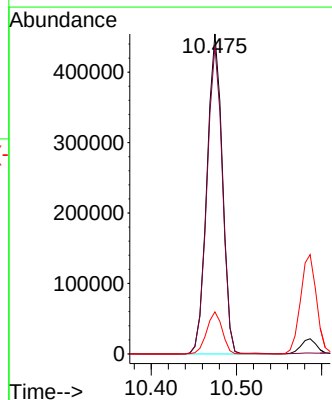
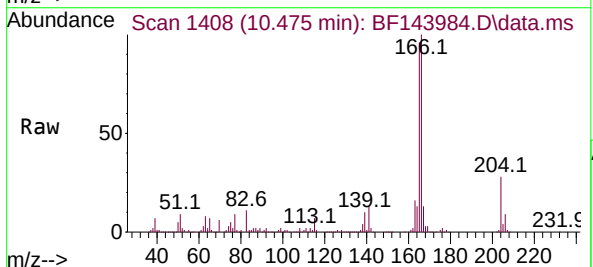
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

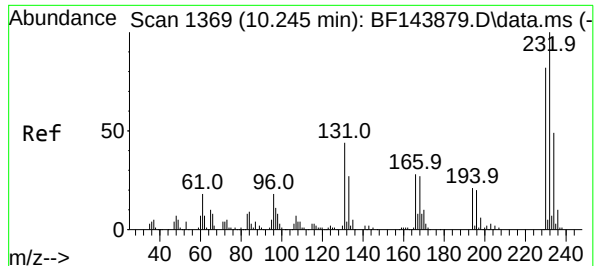
Tgt Ion:165 Resp: 196974
Ion Ratio Lower Upper
165 100
63 42.8 37.2 55.8
89 61.2 49.4 74.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 37.860 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:166 Resp: 572032
Ion Ratio Lower Upper
166 100
165 96.1 77.0 115.6
167 13.1 11.1 16.7

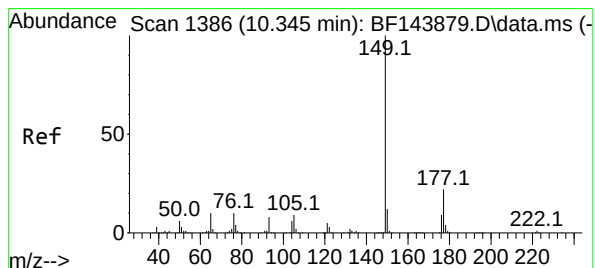
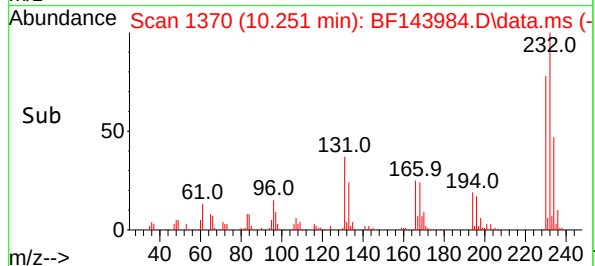
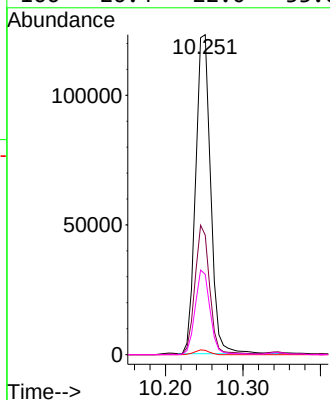
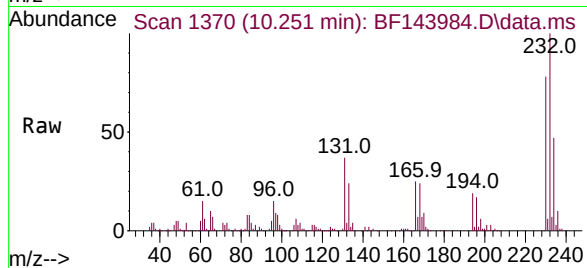




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.380 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

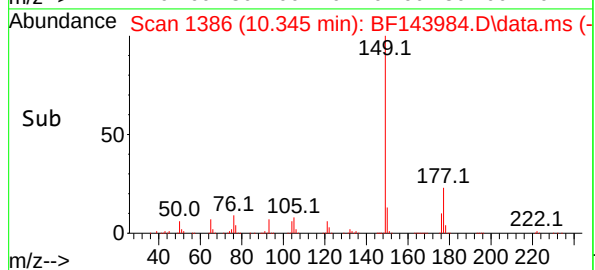
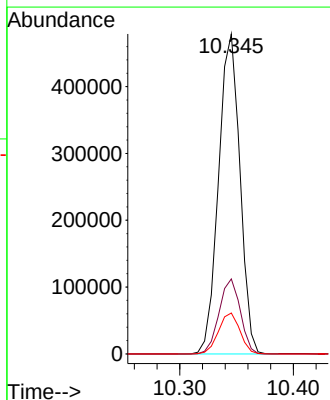
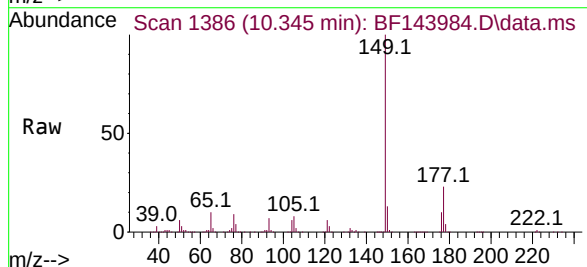
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

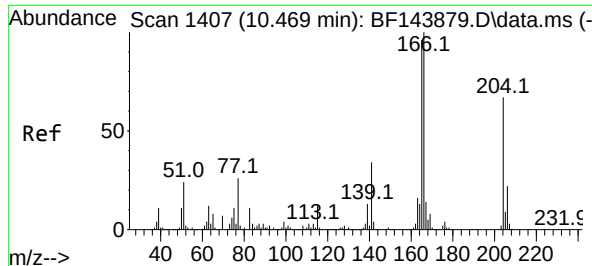
Tgt Ion:232 Resp: 165942
Ion Ratio Lower Upper
232 100
131 40.1 34.9 52.3
130 1.4 1.6 2.4#
166 26.4 22.0 33.0



#60
Diethylphthalate
Concen: 38.019 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:149 Resp: 625668
Ion Ratio Lower Upper
149 100
177 23.4 17.9 26.9
150 12.8 9.8 14.8

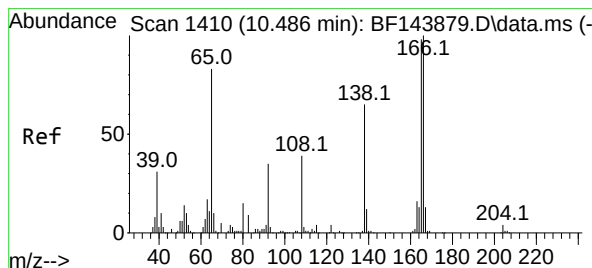
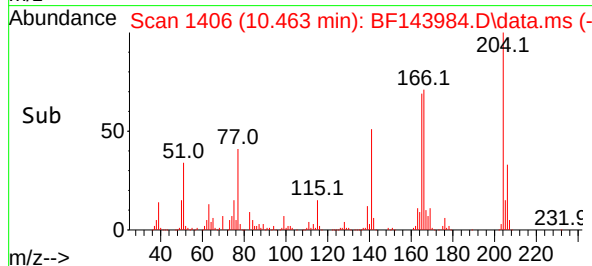
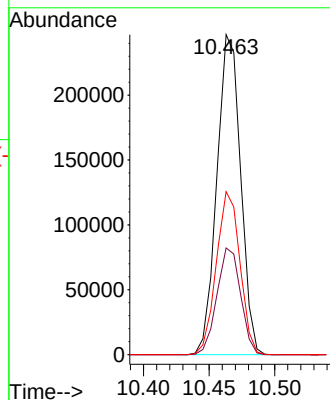
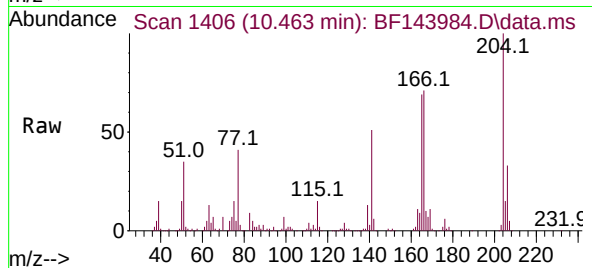




#61
4-Chlorophenyl-phenylether
Concen: 38.926 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

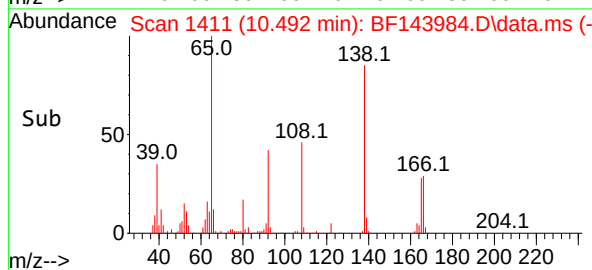
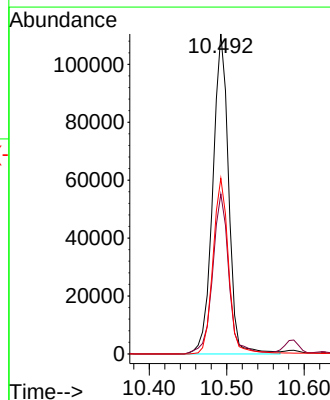
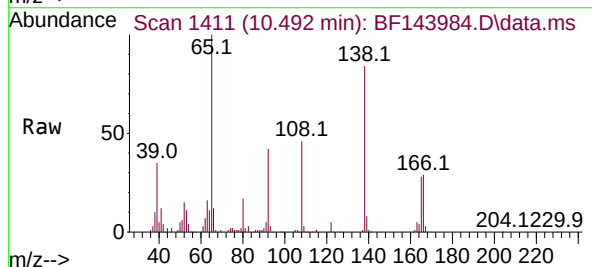
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

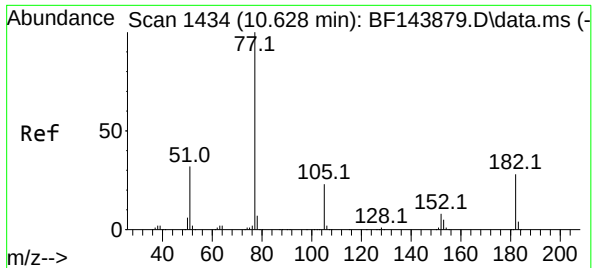
Tgt Ion:204 Resp: 310943
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 50.9 40.4 60.6



#62
4-Nitroaniline
Concen: 40.536 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:138 Resp: 156780
Ion Ratio Lower Upper
138 100
92 50.0 33.9 73.9
108 54.9 40.2 80.2

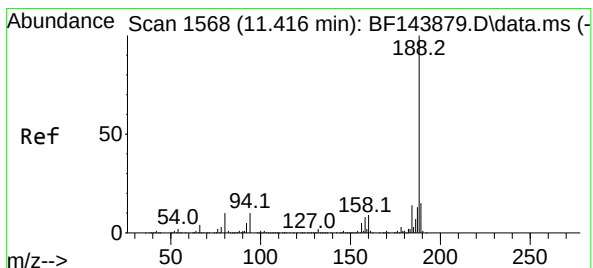
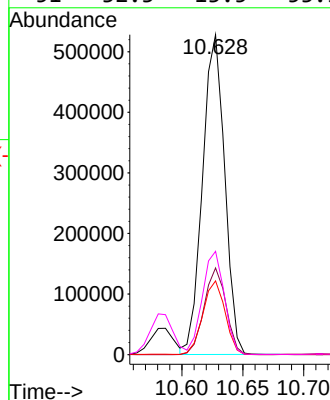
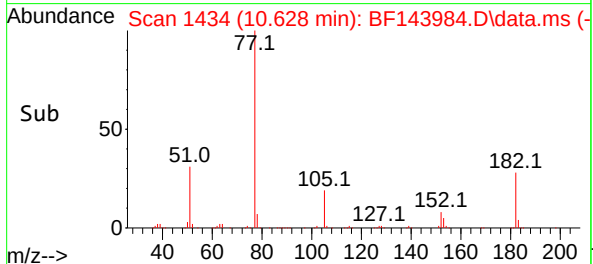
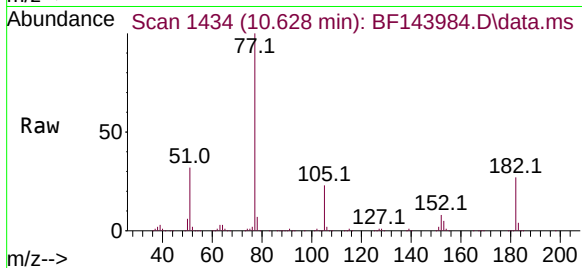




#63
Azobenzene
Concen: 38.820 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

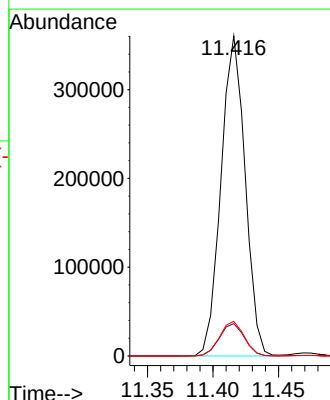
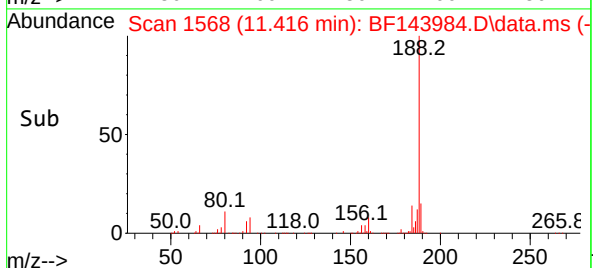
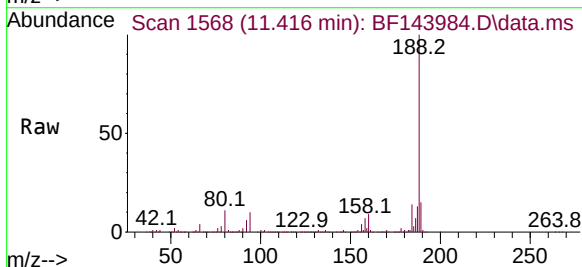
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

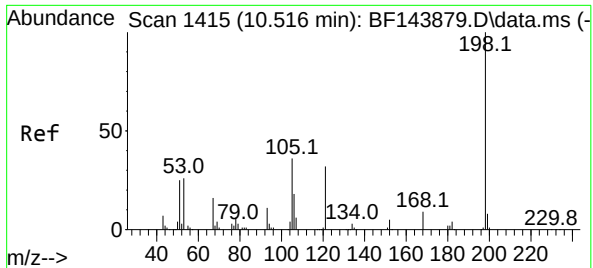
Tgt Ion: 77 Resp: 667677
Ion Ratio Lower Upper
77 100
182 27.1 7.3 47.3
105 23.0 3.0 43.0
51 32.3 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 188 Resp: 461614
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.8 7.9 11.9

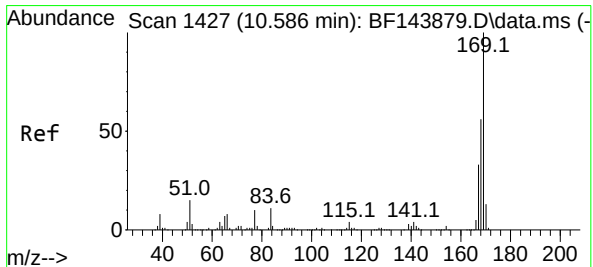
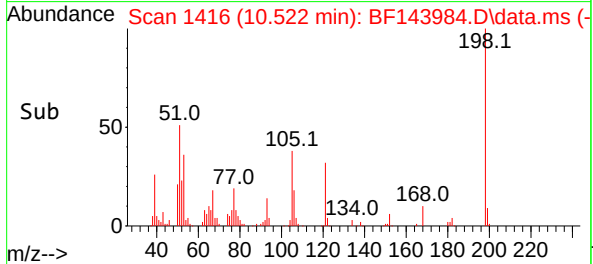
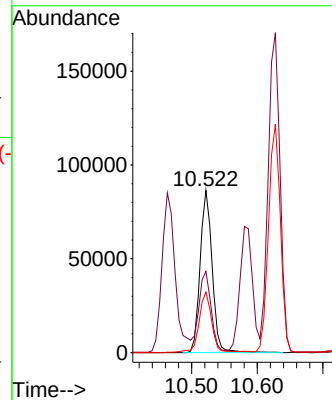
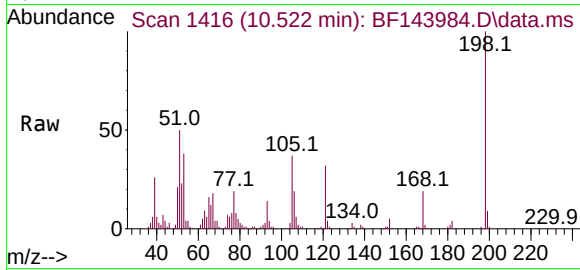




#65
4,6-Dinitro-2-methylphenol
Concen: 47.480 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

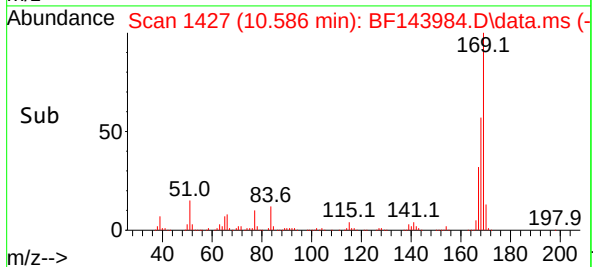
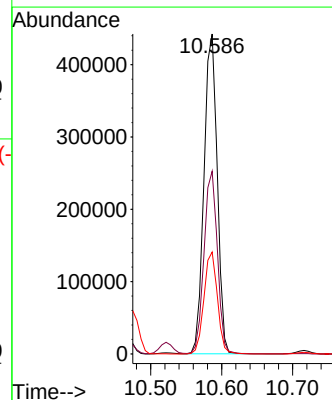
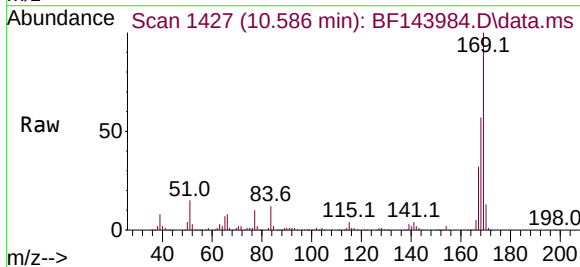
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

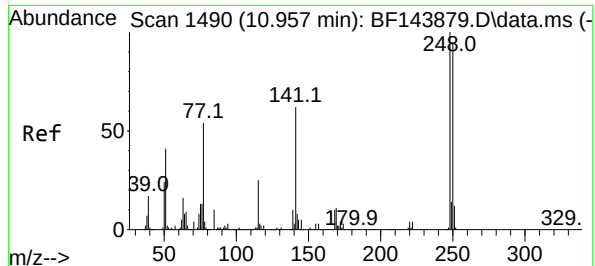
Tgt Ion:198 Resp: 110141
Ion Ratio Lower Upper
198 100
51 50.1 33.8 73.8
105 37.2 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 39.233 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:169 Resp: 568648
Ion Ratio Lower Upper
169 100
168 57.1 44.9 67.3
167 31.9 26.3 39.5

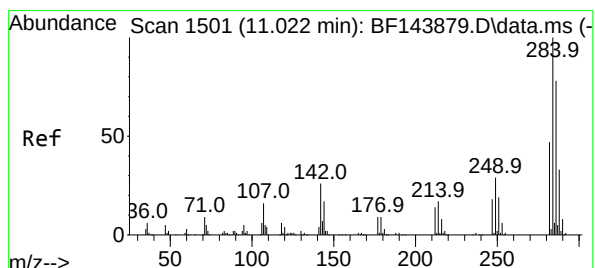
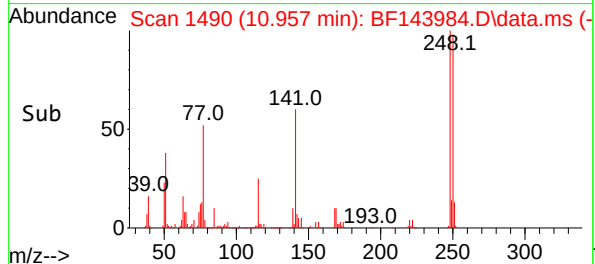
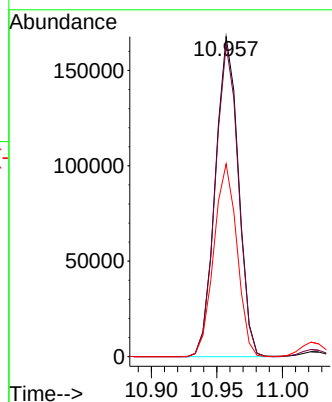
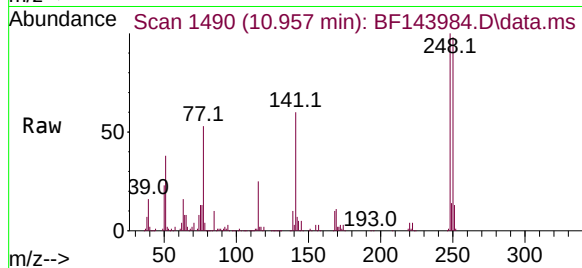




#67
4-Bromophenyl-phenylether
Concen: 40.366 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

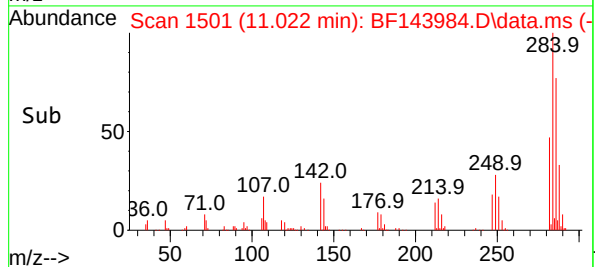
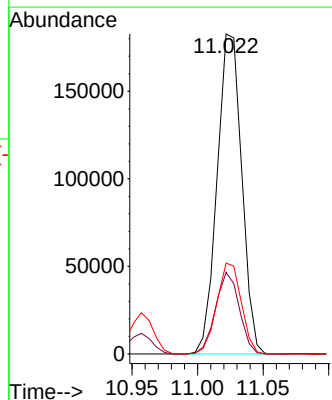
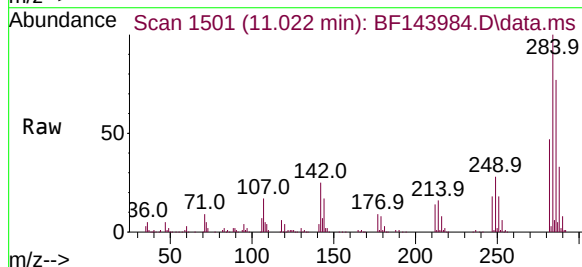
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

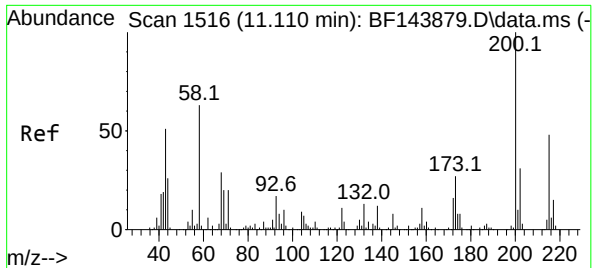
Tgt Ion:248 Resp: 205930
Ion Ratio Lower Upper
248 100
250 97.5 76.3 114.5
141 60.2 49.7 74.5



#68
Hexachlorobenzene
Concen: 40.500 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:284 Resp: 239195
Ion Ratio Lower Upper
284 100
142 25.5 20.6 30.8
249 28.4 23.2 34.8





#69

Atrazine

Concen: 38.641 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

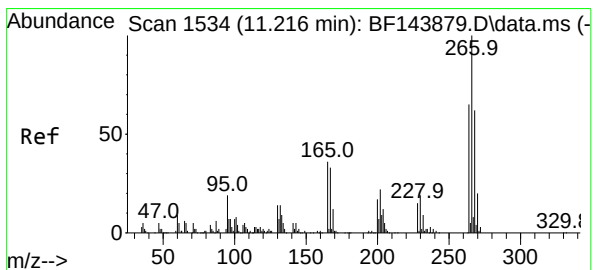
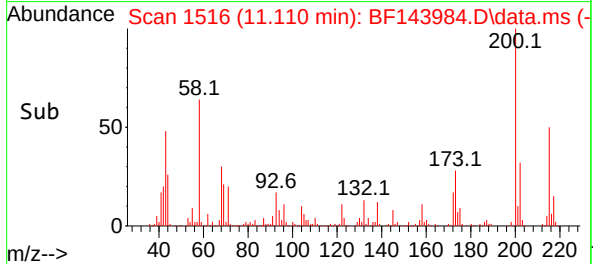
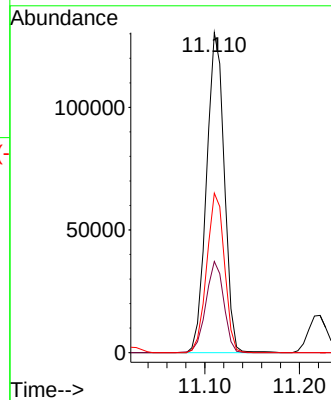
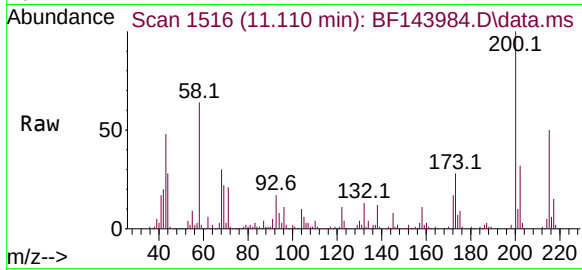
Tgt Ion:200 Resp: 169754

Ion Ratio Lower Upper

200 100

173 28.5 7.0 47.0

215 49.8 27.8 67.8



#70

Pentachlorophenol

Concen: 37.622 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

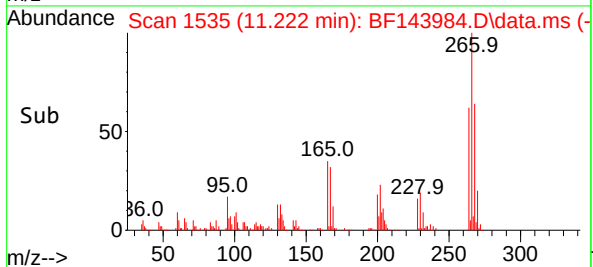
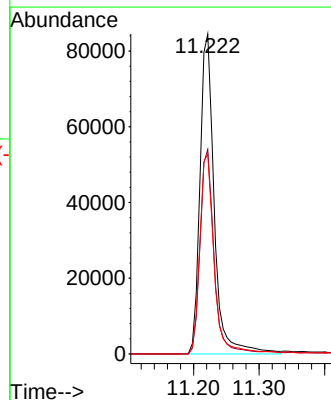
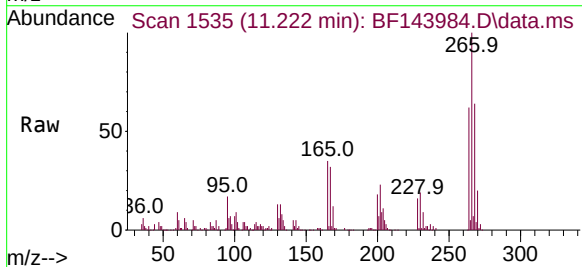
Tgt Ion:266 Resp: 127614

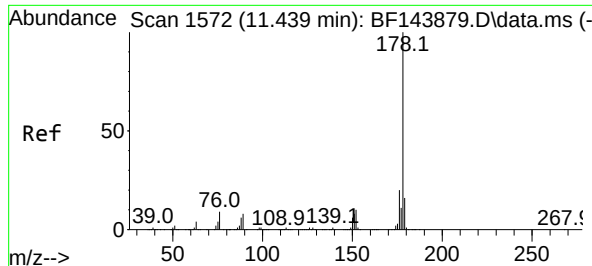
Ion Ratio Lower Upper

266 100

268 63.9 49.4 74.0

264 62.4 51.8 77.6





#71

Phenanthrene

Concen: 38.651 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

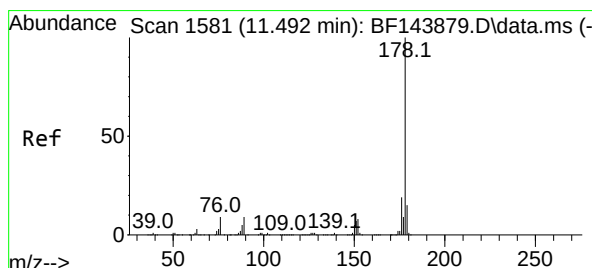
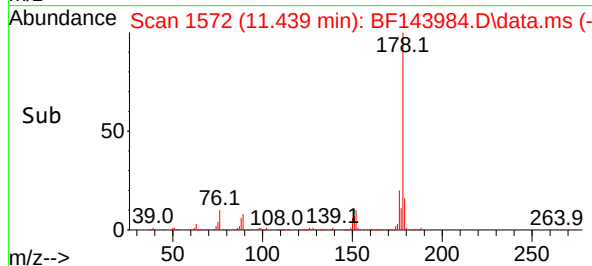
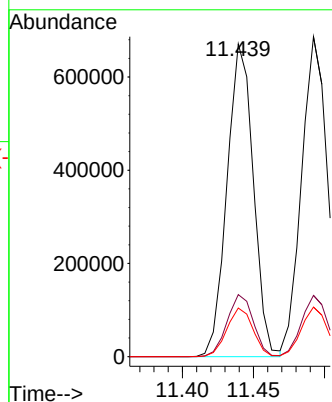
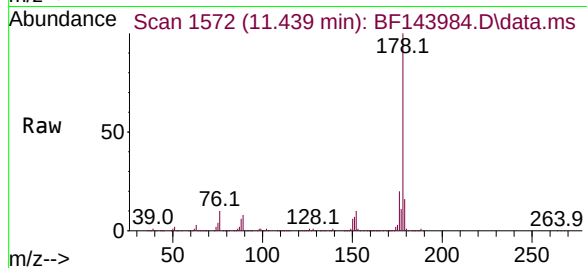
Tgt Ion:178 Resp: 864978

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

179 15.5 12.4 18.6



#72

Anthracene

Concen: 38.599 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

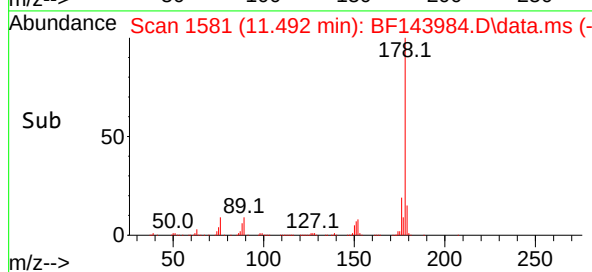
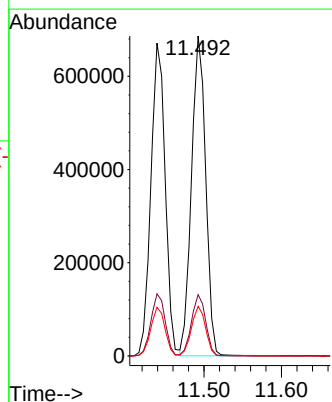
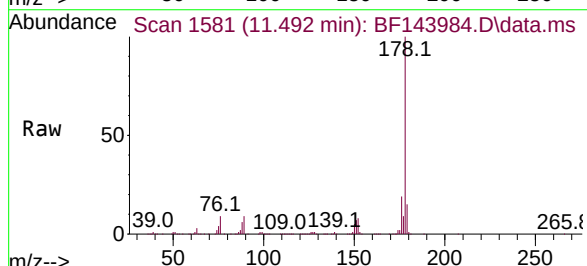
Tgt Ion:178 Resp: 872658

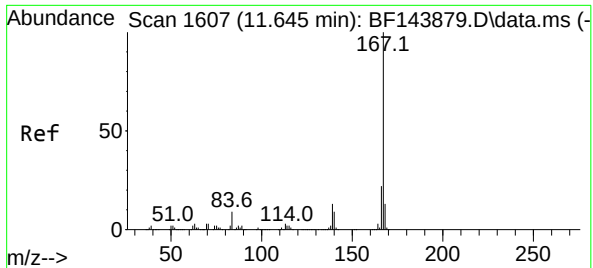
Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

179 15.5 12.2 18.2

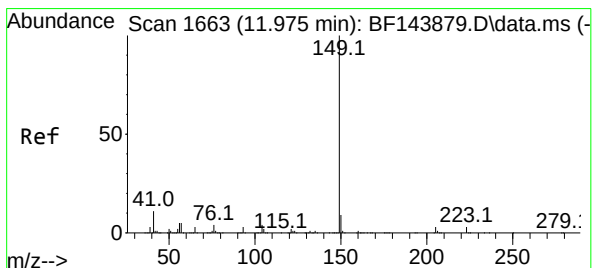
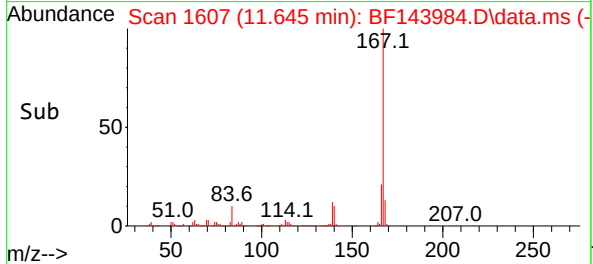
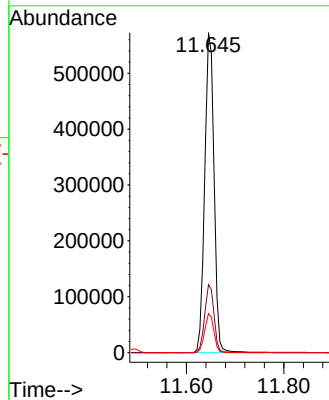
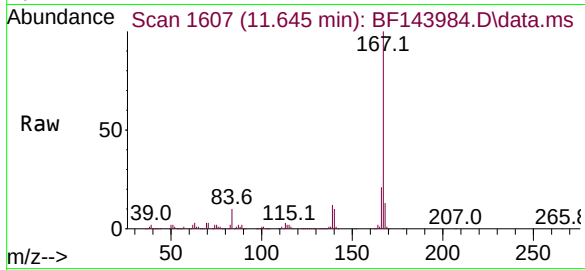




#73
Carbazole
Concen: 38.072 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

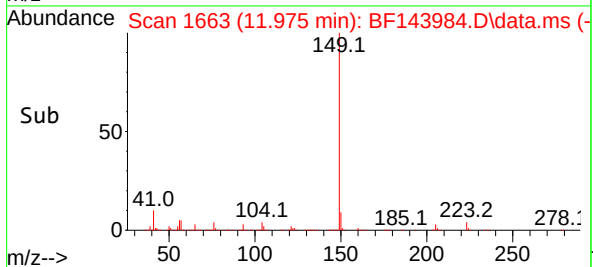
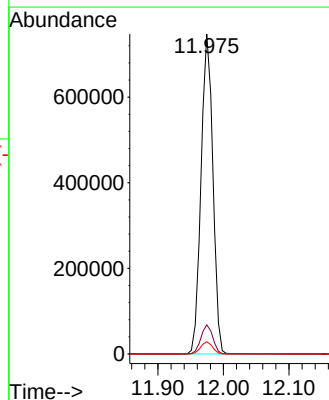
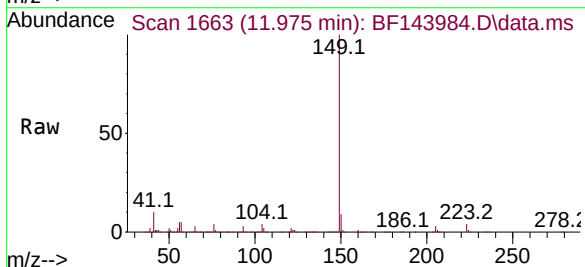
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

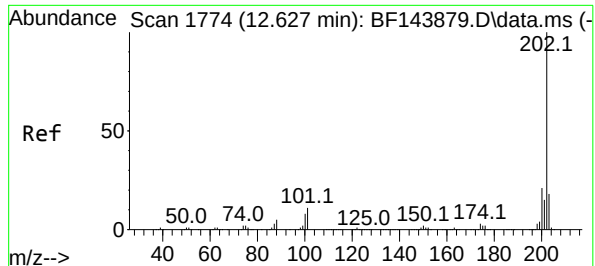
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.2	10.1	15.1



#74
Di-n-butylphthalate
Concen: 40.081 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	3.8	3.4	5.2





#75

Fluoranthene

Concen: 38.579 ng

RT: 12.633 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

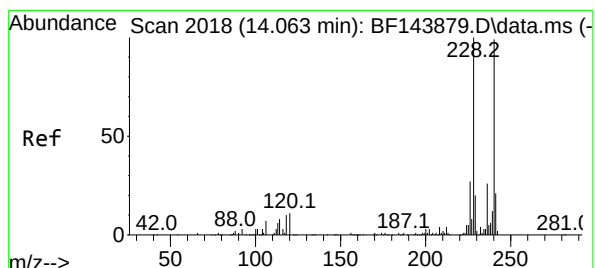
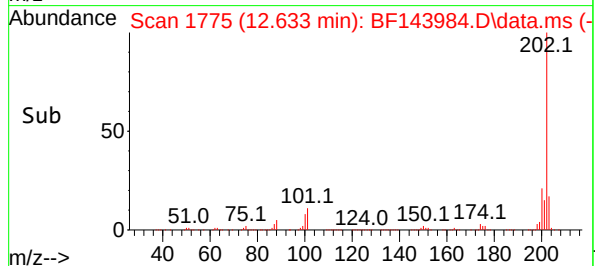
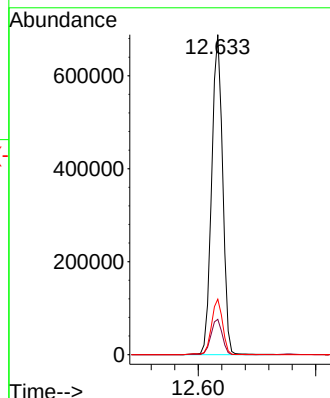
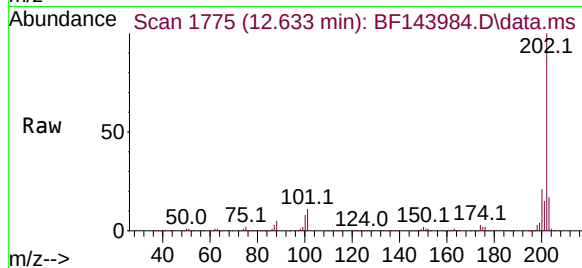
Tgt Ion:202 Resp: 891783

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.7

203 17.3 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.001 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

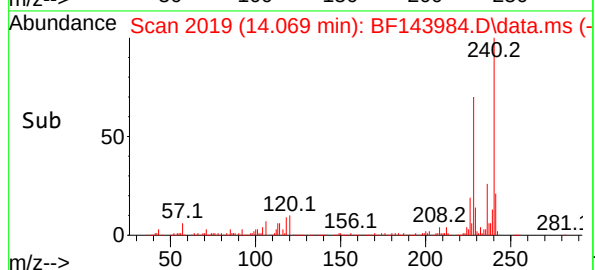
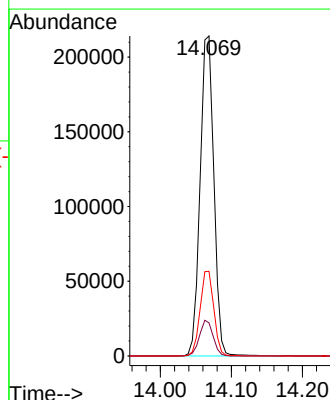
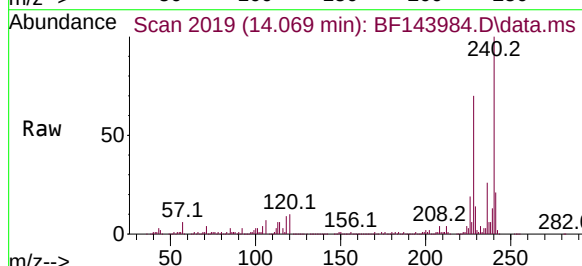
Tgt Ion:240 Resp: 286617

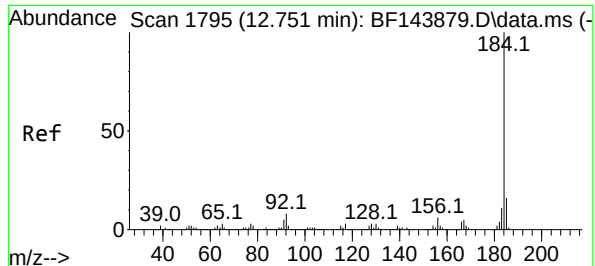
Ion Ratio Lower Upper

240 100

120 10.3 8.6 13.0

236 26.4 21.1 31.7





#77

Benzidine

Concen: 33.035 ng

RT: 12.757 min Scan# 1796

Delta R.T. -0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

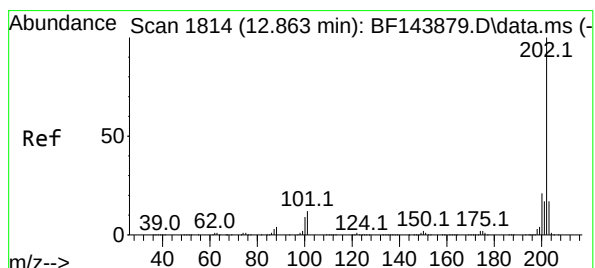
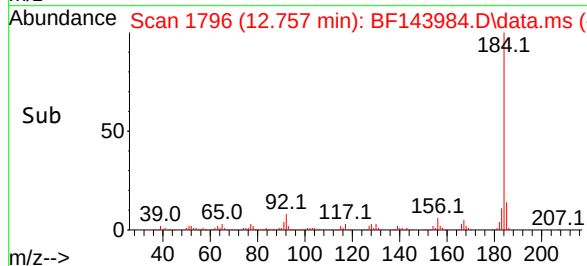
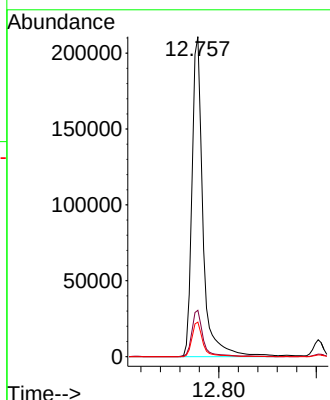
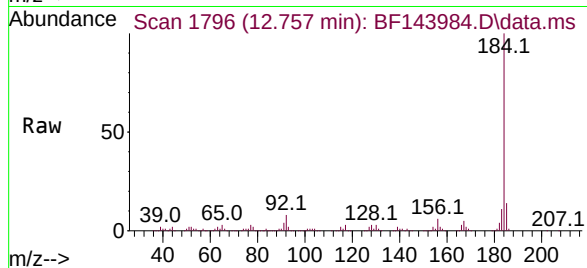
Tgt Ion:184 Resp: 328763

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

183 10.8 8.8 13.2



#78

Pyrene

Concen: 38.018 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

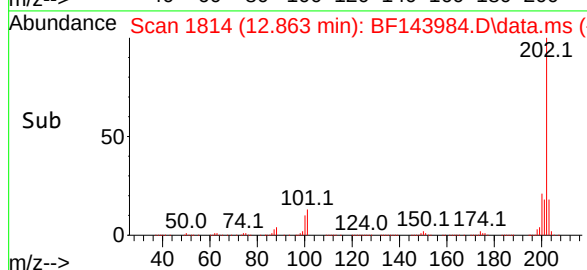
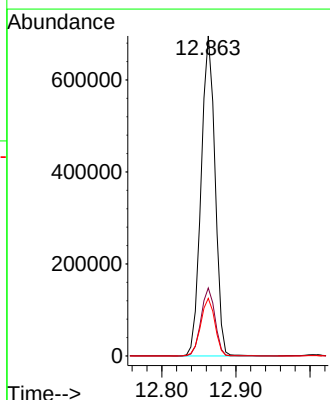
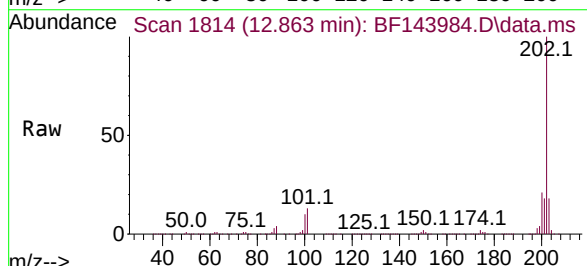
Tgt Ion:202 Resp: 908439

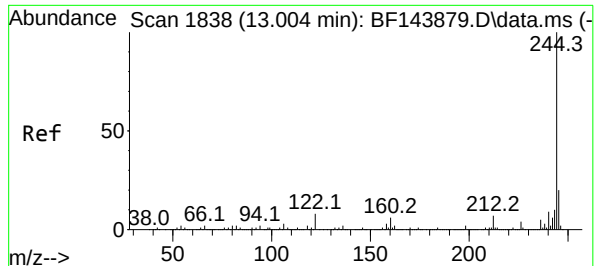
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 18.0 13.8 20.6





#79

Terphenyl-d14

Concen: 78.038 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

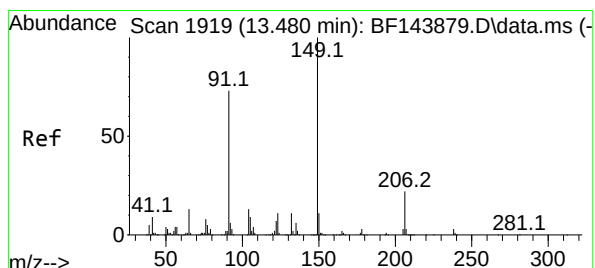
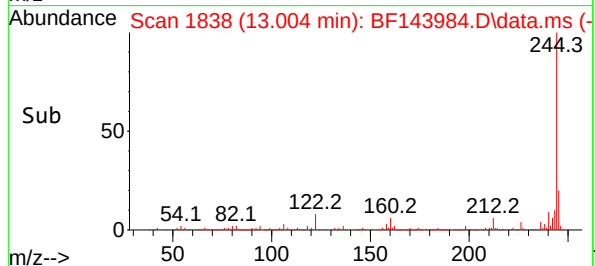
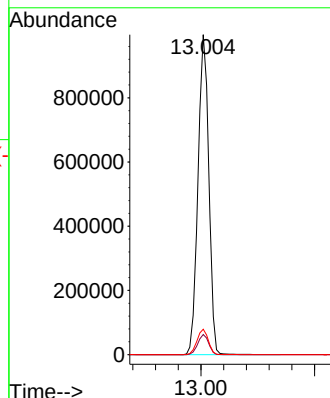
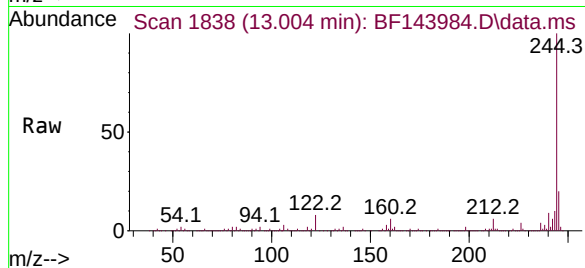
Tgt Ion:244 Resp: 1308721

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 7.9 6.4 9.6



#80

Butylbenzylphthalate

Concen: 43.034 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

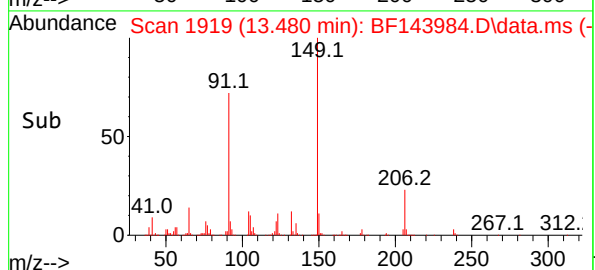
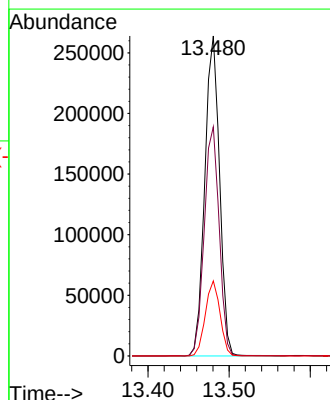
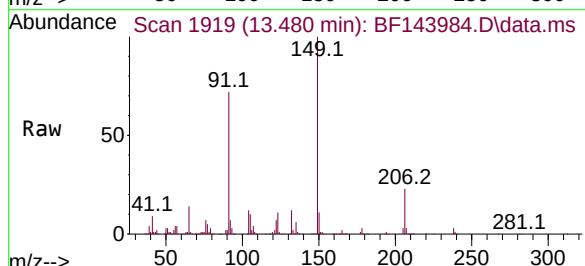
Tgt Ion:149 Resp: 333959

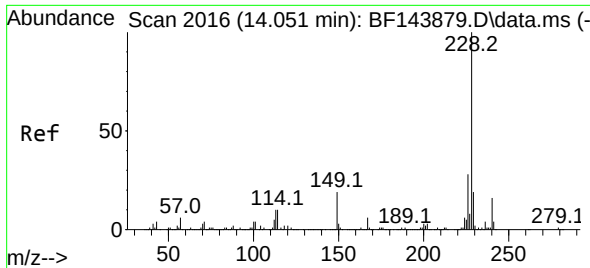
Ion Ratio Lower Upper

149 100

91 71.6 58.2 87.2

206 23.4 17.9 26.9

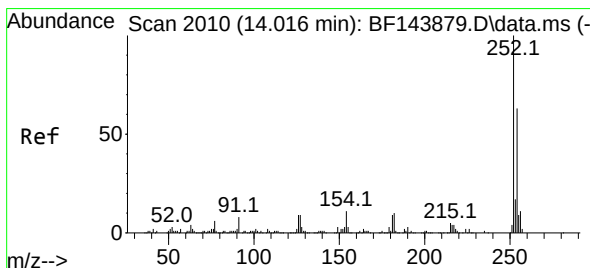
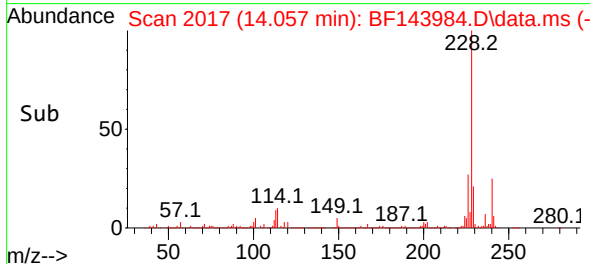
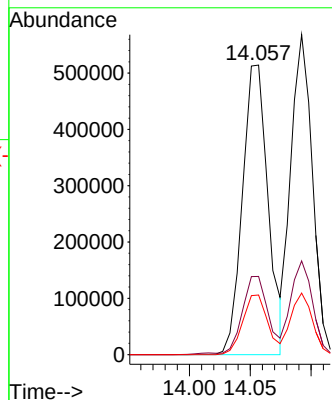
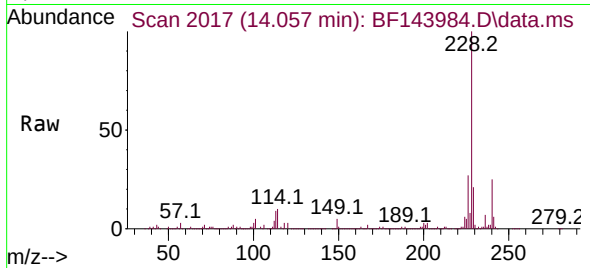




#81
Benzo(a)anthracene
Concen: 40.339 ng
RT: 14.057 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

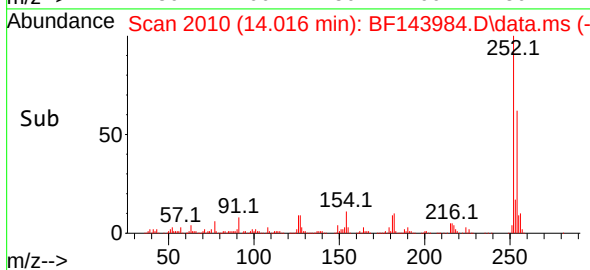
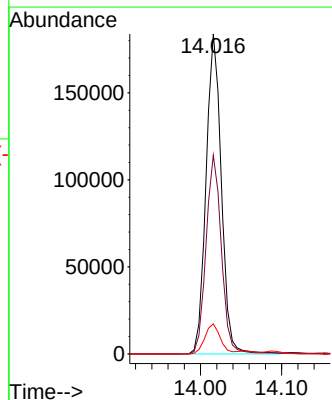
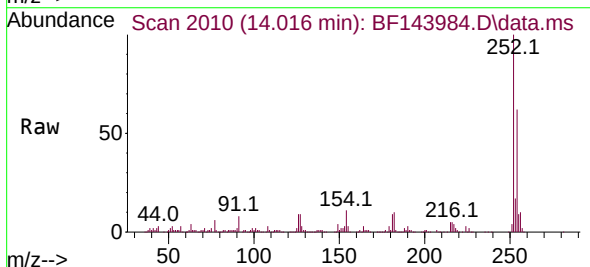
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

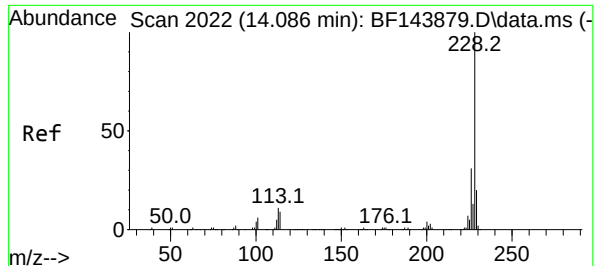
Tgt Ion:228 Resp: 756604
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.2
229 20.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 42.150 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:252 Resp: 240929
Ion Ratio Lower Upper
252 100
254 62.1 50.6 76.0
126 9.4 7.0 10.6





#83

Chrysene

Concen: 40.402 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

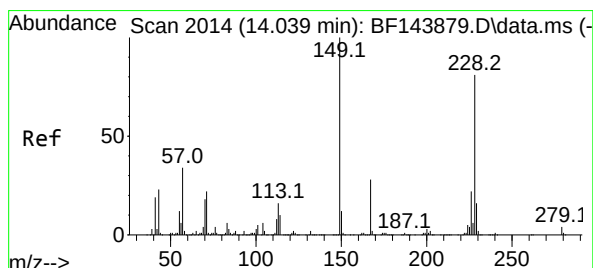
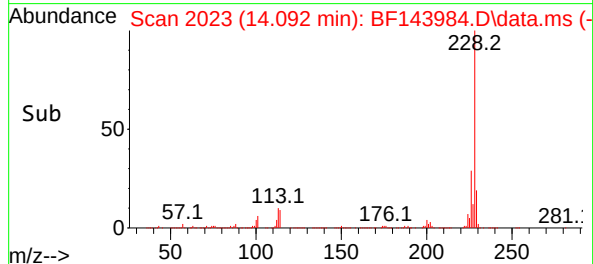
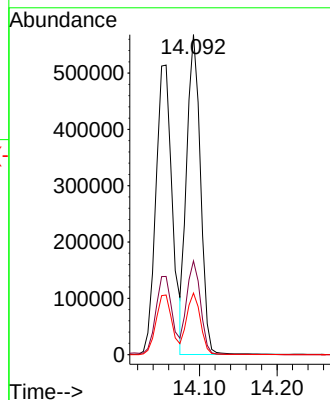
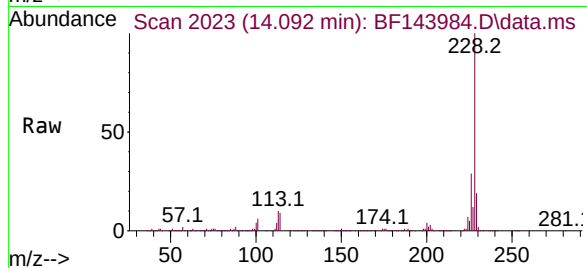
Tgt Ion:228 Resp: 701361

Ion Ratio Lower Upper

228 100

226 29.3 24.4 36.6

229 19.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.371 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

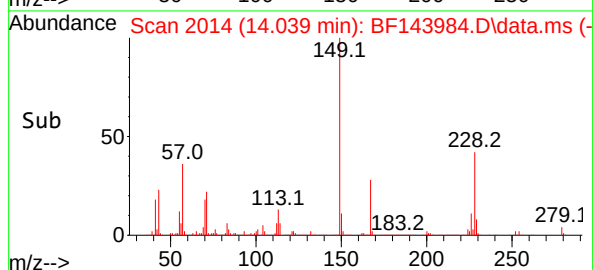
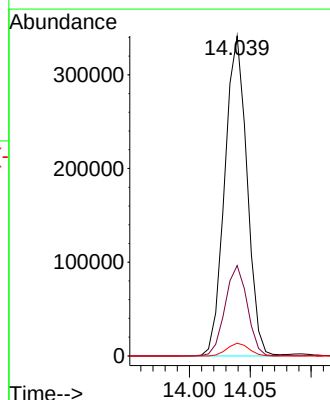
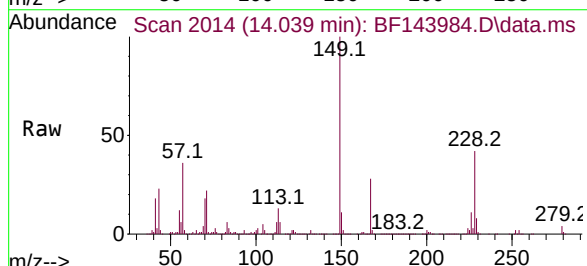
Tgt Ion:149 Resp: 433781

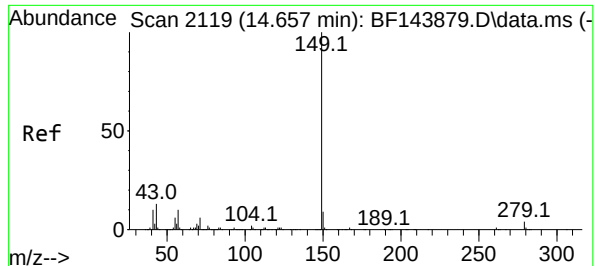
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 49.093 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

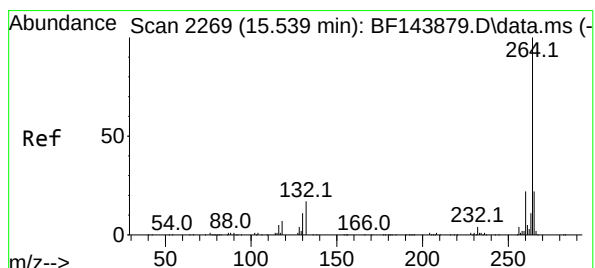
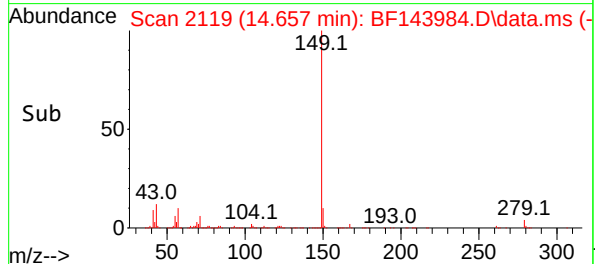
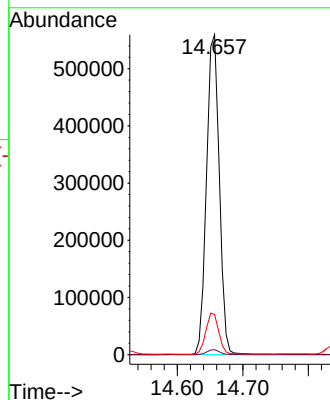
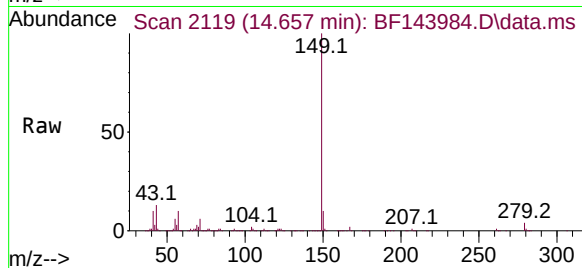
Tgt Ion:149 Resp: 754279

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 13.1 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

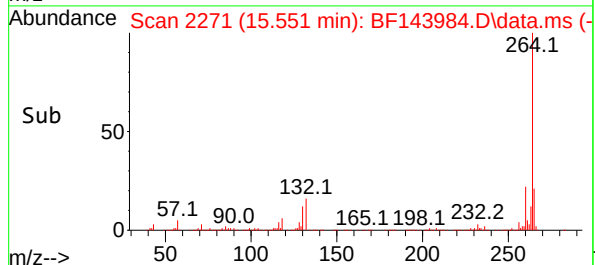
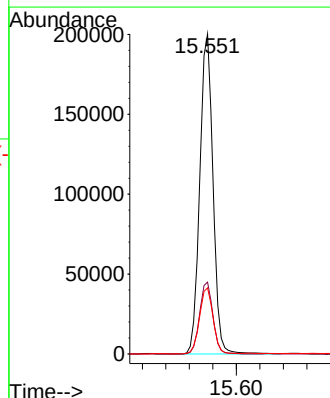
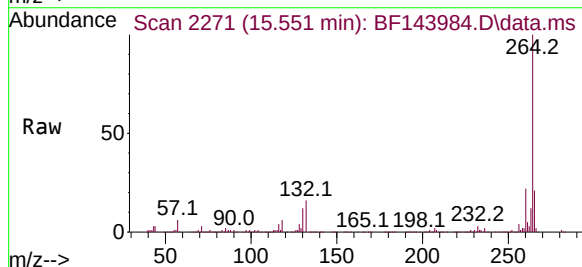
Tgt Ion:264 Resp: 311878

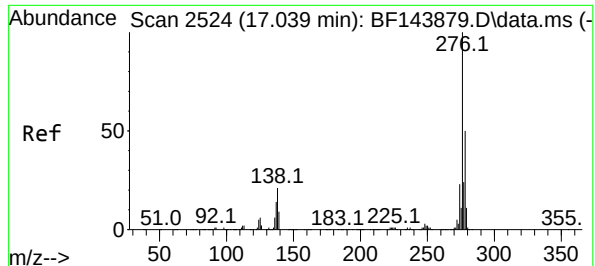
Ion Ratio Lower Upper

264 100

260 22.4 17.8 26.8

265 20.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.469 ng

RT: 17.057 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

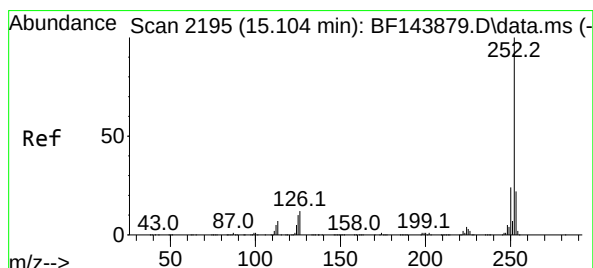
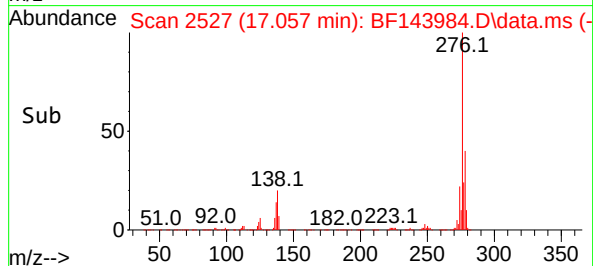
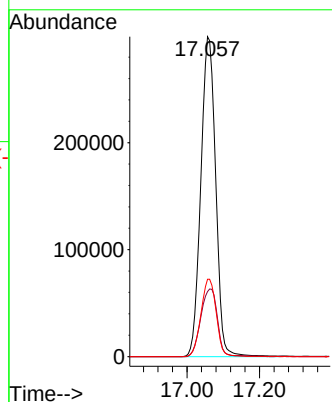
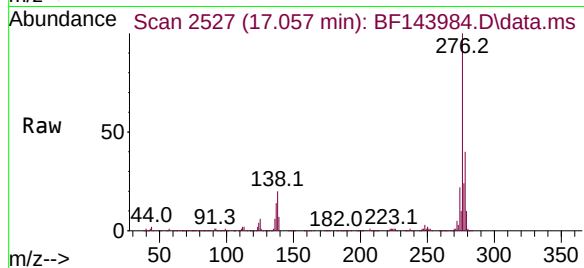
Tgt Ion:276 Resp: 849811

Ion Ratio Lower Upper

276 100

138 23.4 18.2 27.2

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 39.229 ng

RT: 15.116 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

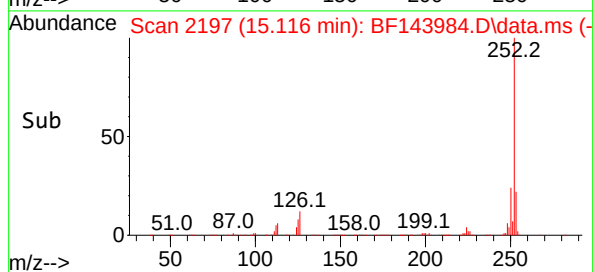
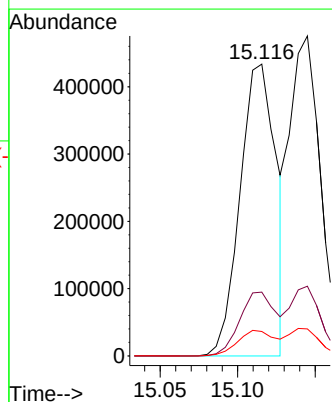
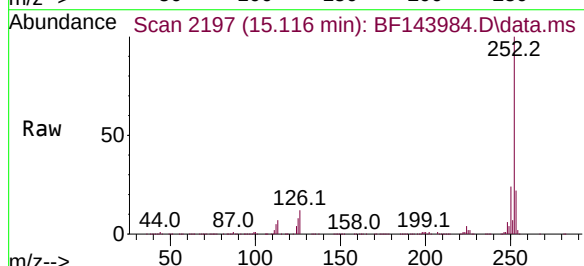
Tgt Ion:252 Resp: 702798

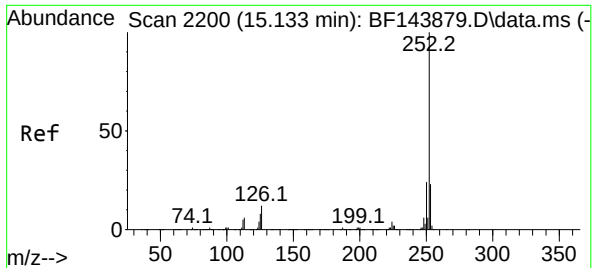
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 39.648 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

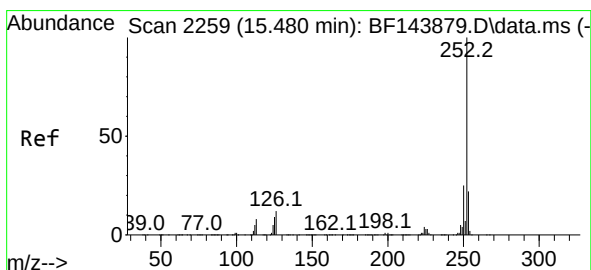
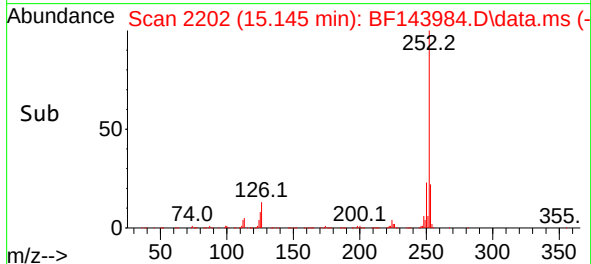
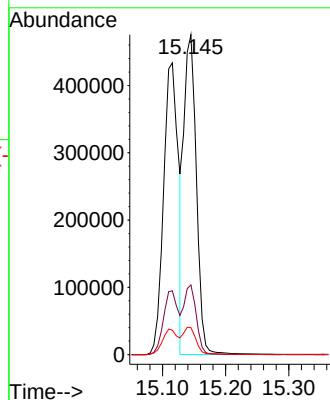
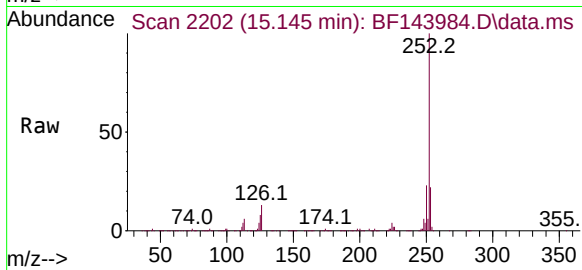
Tgt Ion:252 Resp: 657259

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 8.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.477 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

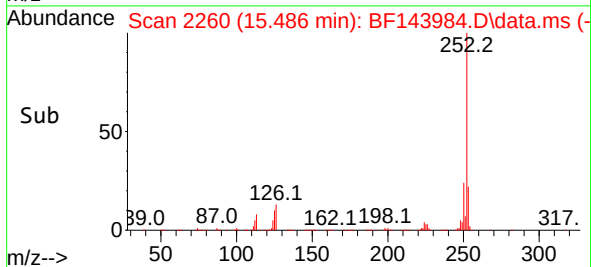
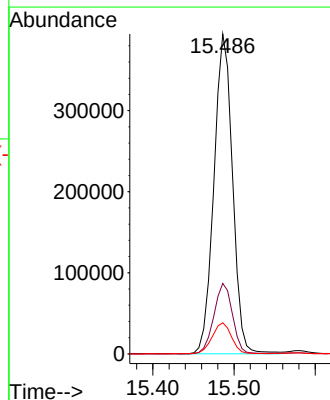
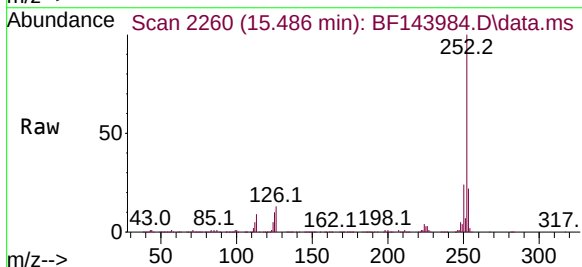
Tgt Ion:252 Resp: 628775

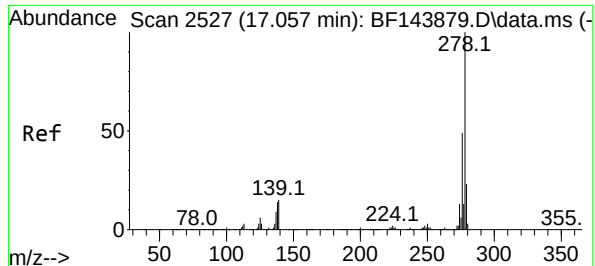
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.8 7.0 10.4

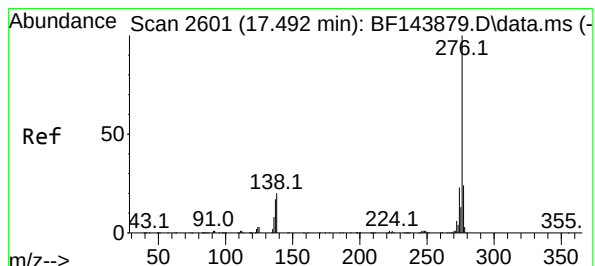
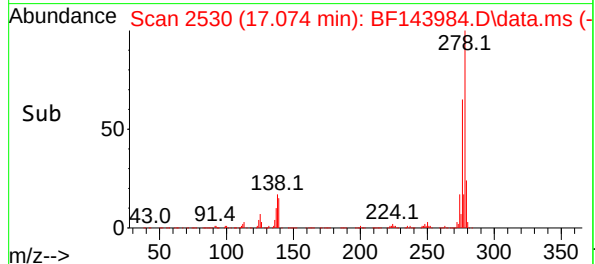
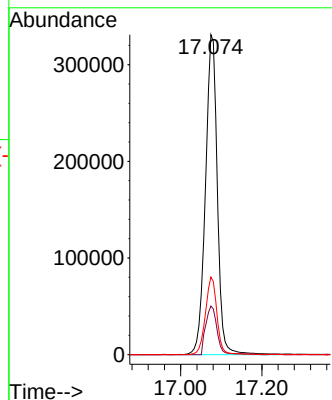
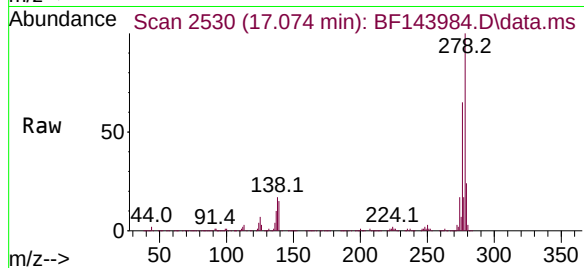




#91
Dibenzo(a,h)anthracene
Concen: 43.846 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

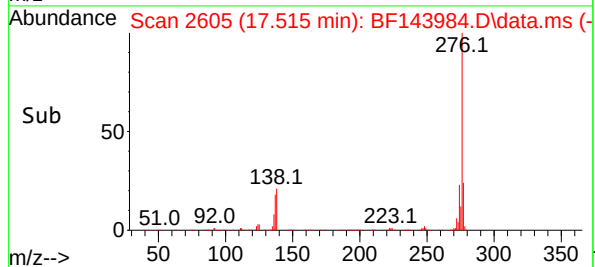
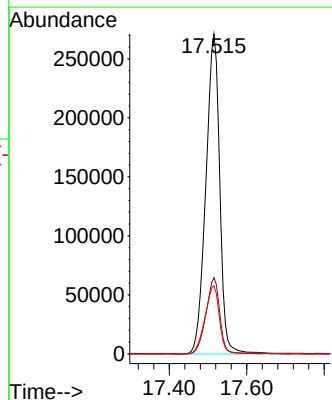
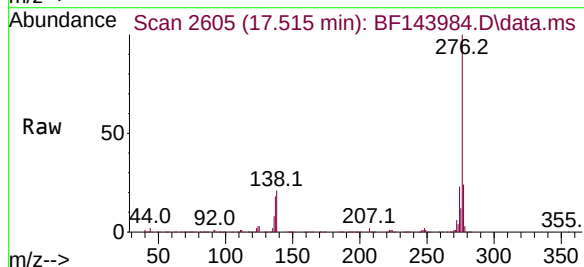
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 673892
Ion Ratio Lower Upper
278 100
139 15.2 11.7 17.5
279 24.2 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 43.916 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:276 Resp: 674970
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 21.3 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143984.D
 Acq On : 17 Oct 2025 14:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 17 16:26:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 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	126	0.00
2	1,4-Dioxane	0.583	0.584	-0.2	121	-0.01
3	Pyridine	1.697	1.752	-3.2	125	-0.01
4	n-Nitrosodimethylamine	0.893	0.888	0.6	123	-0.02
5 S	2-Fluorophenol	1.259	1.280	-1.7	124	0.00
6	Aniline	2.250	2.145	4.7	116	0.00
7 S	Phenol-d6	1.501	1.459	2.8	119	0.00
8	2-Chlorophenol	1.231	1.249	-1.5	122	0.00
9	Benzaldehyde	1.158	1.188	-2.6	113	0.00
10 C	Phenol	1.795	1.831	-2.0	125	0.00
11	bis(2-Chloroethyl)ether	1.386	1.382	0.3	121	0.00
12	1,3-Dichlorobenzene	1.474	1.427	3.2	119	0.00
13 C	1,4-Dichlorobenzene	1.454	1.419	2.4	119	0.00
14	1,2-Dichlorobenzene	1.392	1.367	1.8	120	0.00
15	Benzyl Alcohol	1.125	1.066	5.2	115	0.00
16	2,2'-oxybis(1-Chloropropane	3.156	3.010	4.6	117	0.00
17	2-Methylphenol	1.017	0.961	5.5	115	0.00
18	Hexachloroethane	0.485	0.497	-2.5	125	0.00
19 P	n-Nitroso-di-n-propylamine	1.028	0.825	19.7	101	-0.02
20	3+4-Methylphenols	1.179	1.047	11.2	104	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	118	0.00
22	Acetophenone	0.423	0.381	9.9	104	0.00
23 S	Nitrobenzene-d5	0.329	0.339	-3.0	116	0.00
24	Nitrobenzene	0.366	0.379	-3.6	114	0.00
25	Isophorone	0.694	0.621	10.5	104	-0.02
26 C	2-Nitrophenol	0.157	0.180	-14.6	122	0.00
27	2,4-Dimethylphenol	0.282	0.269	4.6	108	0.00
28	bis(2-Chloroethoxy)methane	0.438	0.391	10.7	104	0.00
29 C	2,4-Dichlorophenol	0.294	0.278	5.4	107	0.00
30	1,2,4-Trichlorobenzene	0.289	0.299	-3.5	118	0.00
31	Naphthalene	0.910	0.854	6.2	108	0.00
32	Benzoic acid	0.195	0.179	8.2	106	-0.03
33	4-Chloroaniline	0.341	0.302	11.4	100	0.00
34 C	Hexachlorobutadiene	0.201	0.204	-1.5	117	0.00
35	Caprolactam	0.093	0.081	12.9	101	-0.04
36 C	4-Chloro-3-methylphenol	0.282	0.249	11.7	102	0.00
37	2-Methylnaphthalene	0.606	0.543	10.4	104	0.00
38	1-Methylnaphthalene	0.588	0.511	13.1	100	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	107	0.00
40	1,2,4,5-Tetrachlorobenzene	0.553	0.571	-3.3	104	0.00
41 P	Hexachlorocyclopentadiene	0.229	0.200	12.7	83	0.00
42 S	2,4,6-Tribromophenol	0.199	0.203	-2.0	105	0.00
43 C	2,4,6-Trichlorophenol	0.404	0.399	1.2	96	0.00
44	2,4,5-Trichlorophenol	0.427	0.438	-2.6	103	0.00
45 S	2-Fluorobiphenyl	1.260	1.153	8.5	101	0.00
46	1,1'-Biphenyl	1.324	1.266	4.4	99	0.00
47	2-Chloronaphthalene	1.104	1.099	0.5	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143984.D
 Acq On : 17 Oct 2025 14:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 17 16:26:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 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	0.349	0.371	-6.3	102	0.00
49	Acenaphthylene	1.552	1.478	4.8	98	0.00
50	Dimethylphthalate	1.270	1.231	3.1	102	0.00
51	2,6-Dinitrotoluene	0.236	0.269	-14.0	110	-0.01
52 C	Acenaphthene	1.017	0.979	3.7	100	0.00
53	3-Nitroaniline	0.288	0.301	-4.5	105	-0.01
54 P	2,4-Dinitrophenol	0.118	0.125	-5.9	112	0.00
55	Dibenzofuran	1.436	1.377	4.1	99	0.00
56 P	4-Nitrophenol	0.218	0.208	4.6	95	0.00
57	2,4-Dinitrotoluene	0.320	0.353	-10.3	104	0.00
58	Fluorene	1.083	1.025	5.4	100	0.00
59	2,3,4,6-Tetrachlorophenol	0.302	0.297	1.7	98	0.00
60	Diethylphthalate	1.180	1.122	4.9	98	0.00
61	4-Chlorophenyl-phenylether	0.573	0.557	2.8	100	0.00
62	4-Nitroaniline	0.277	0.281	-1.4	103	-0.02
63	Azobenzene	1.233	1.197	2.9	100	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	104	0.00
65	4,6-Dinitro-2-methylphenol	0.101	0.119	-17.8	112	-0.01
66 c	n-Nitrosodiphenylamine	0.628	0.616	1.9	97	0.00
67	4-Bromophenyl-phenylether	0.221	0.223	-0.9	100	0.00
68	Hexachlorobenzene	0.256	0.259	-1.2	101	0.00
69	Atrazine	0.190	0.184	3.2	98	-0.01
70 C	Pentachlorophenol	0.147	0.138	6.1	91	0.00
71	Phenanthrene	0.970	0.937	3.4	100	0.00
72	Anthracene	0.980	0.945	3.6	96	0.00
73	Carbazole	0.868	0.826	4.8	97	0.00
74	Di-n-butylphthalate	1.005	1.007	-0.2	99	0.00
75 C	Fluoranthene	1.002	0.966	3.6	97	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	113	0.00
77	Benzydine	0.694	0.574	17.3	85	0.00
78	Pyrene	1.667	1.585	4.9	96	0.00
79 S	Terphenyl-d14	1.170	1.142	2.4	100	0.00
80	Butylbenzylphthalate	0.542	0.583	-7.6	106	0.00
81	Benzo(a)anthracene	1.309	1.320	-0.8	106	0.00
82	3,3'-Dichlorobenzidine	0.399	0.420	-5.3	108	0.00
83	Chrysene	1.211	1.224	-1.1	106	0.00
84	Bis(2-ethylhexyl)phthalate	0.653	0.757	-15.9	115	0.00
85 c	Di-n-octyl phthalate	1.072	1.316	-22.8#	124	0.00
86 I	Perylene-d12	1.000	1.000	0.0	124	0.00
87	Indeno(1,2,3-cd)pyrene	1.225	1.362	-11.2	122	0.00
88	Benzo(b)fluoranthene	1.149	1.127	1.9	110	0.00
89	Benzo(k)fluoranthene	1.063	1.054	0.8	118	0.00
90 C	Benzo(a)pyrene	0.996	1.008	-1.2	114	0.00
91	Dibenzo(a,h)anthracene	0.986	1.080	-9.5	119	0.00
92	Benzo(g,h,i)perylene	0.986	1.082	-9.7	120	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143984.D
Acq On : 17 Oct 2025 14:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 17 16:26:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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 = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143984.D
 Acq On : 17 Oct 2025 14:43
 Operator : RC/JU
 Sample : SSTDCCC040
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	126	0.00
2	1,4-Dioxane	40.000	40.084	-0.2	121	-0.01
3	Pyridine	40.000	41.316	-3.3	125	-0.01
4	n-Nitrosodimethylamine	40.000	39.778	0.6	123	-0.02
5 S	2-Fluorophenol	80.000	81.301	-1.6	124	0.00
6	Aniline	40.000	38.146	4.6	116	0.00
7 S	Phenol-d6	80.000	77.751	2.8	119	0.00
8	2-Chlorophenol	40.000	40.585	-1.5	122	0.00
9	Benzaldehyde	40.000	41.037	-2.6	113	0.00
10 C	Phenol	40.000	40.798	-2.0	125	0.00
11	bis(2-Chloroethyl)ether	40.000	39.863	0.3	121	0.00
12	1,3-Dichlorobenzene	40.000	38.735	3.2	119	0.00
13 C	1,4-Dichlorobenzene	40.000	39.051	2.4	119	0.00
14	1,2-Dichlorobenzene	40.000	39.285	1.8	120	0.00
15	Benzyl Alcohol	40.000	37.917	5.2	115	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.150	4.6	117	0.00
17	2-Methylphenol	40.000	37.768	5.6	115	0.00
18	Hexachloroethane	40.000	40.983	-2.5	125	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	32.115	19.7	101	-0.02
20	3+4-Methylphenols	40.000	35.518	11.2	104	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	118	0.00
22	Acetophenone	40.000	36.001	10.0	104	0.00
23 S	Nitrobenzene-d5	80.000	82.295	-2.9	116	0.00
24	Nitrobenzene	40.000	41.444	-3.6	114	0.00
25	Isophorone	40.000	35.799	10.5	104	-0.02
26 C	2-Nitrophenol	40.000	46.048	-15.1	122	0.00
27	2,4-Dimethylphenol	40.000	38.230	4.4	108	0.00
28	bis(2-Chloroethoxy)methane	40.000	35.687	10.8	104	0.00
29 C	2,4-Dichlorophenol	40.000	37.833	5.4	107	0.00
30	1,2,4-Trichlorobenzene	40.000	41.438	-3.6	118	0.00
31	Naphthalene	40.000	37.537	6.2	108	0.00
32	Benzoic acid	40.000	36.736	8.2	106	-0.03
33	4-Chloroaniline	40.000	35.390	11.5	100	0.00
34 C	Hexachlorobutadiene	40.000	40.682	-1.7	117	0.00
35	Caprolactam	40.000	34.885	12.8	101	-0.04
36 C	4-Chloro-3-methylphenol	40.000	35.371	11.6	102	0.00
37	2-Methylnaphthalene	40.000	35.842	10.4	104	0.00
38	1-Methylnaphthalene	40.000	34.781	13.0	100	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	107	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.355	-3.4	104	0.00
41 P	Hexachlorocyclopentadiene	40.000	34.808	13.0	83	0.00
42 S	2,4,6-Tribromophenol	80.000	81.635	-2.0	105	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.505	1.2	96	0.00
44	2,4,5-Trichlorophenol	40.000	41.058	-2.6	103	0.00
45 S	2-Fluorobiphenyl	80.000	73.197	8.5	101	0.00
46	1,1'-Biphenyl	40.000	38.246	4.4	99	0.00
47	2-Chloronaphthalene	40.000	39.827	0.4	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143984.D
 Acq On : 17 Oct 2025 14:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 17 16:26:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 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	42.502	-6.3	102	0.00
49	Acenaphthylene	40.000	38.094	4.8	98	0.00
50	Dimethylphthalate	40.000	38.778	3.1	102	0.00
51	2,6-Dinitrotoluene	40.000	45.724	-14.3	110	-0.01
52 C	Acenaphthene	40.000	38.520	3.7	100	0.00
53	3-Nitroaniline	40.000	41.782	-4.5	105	-0.01
54 P	2,4-Dinitrophenol	40.000	38.380	4.0	112	0.00
55	Dibenzofuran	40.000	38.374	4.1	99	0.00
56 P	4-Nitrophenol	40.000	38.015	5.0	95	0.00
57	2,4-Dinitrotoluene	40.000	44.073	-10.2	104	0.00
58	Fluorene	40.000	37.860	5.4	100	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.380	1.5	98	0.00
60	Diethylphthalate	40.000	38.019	5.0	98	0.00
61	4-Chlorophenyl-phenylether	40.000	38.926	2.7	100	0.00
62	4-Nitroaniline	40.000	40.536	-1.3	103	-0.02
63	Azobenzene	40.000	38.820	2.9	100	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	104	0.00
65	4,6-Dinitro-2-methylphenol	40.000	47.480	-18.7	112	-0.01
66 c	n-Nitrosodiphenylamine	40.000	39.233	1.9	97	0.00
67	4-Bromophenyl-phenylether	40.000	40.366	-0.9	100	0.00
68	Hexachlorobenzene	40.000	40.500	-1.3	101	0.00
69	Atrazine	40.000	38.641	3.4	98	-0.01
70 C	Pentachlorophenol	40.000	37.622	5.9	91	0.00
71	Phenanthrene	40.000	38.651	3.4	100	0.00
72	Anthracene	40.000	38.599	3.5	96	0.00
73	Carbazole	40.000	38.072	4.8	97	0.00
74	Di-n-butylphthalate	40.000	40.081	-0.2	99	0.00
75 C	Fluoranthene	40.000	38.579	3.6	97	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	113	0.00
77	Benzidine	40.000	33.035	17.4	85	0.00
78	Pyrene	40.000	38.018	5.0	96	0.00
79 S	Terphenyl-d14	80.000	78.038	2.5	100	0.00
80	Butylbenzylphthalate	40.000	43.034	-7.6	106	0.00
81	Benzo(a)anthracene	40.000	40.339	-0.8	106	0.00
82	3,3'-Dichlorobenzidine	40.000	42.150	-5.4	108	0.00
83	Chrysene	40.000	40.402	-1.0	106	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	46.371	-15.9	115	0.00
85 c	Di-n-octyl phthalate	40.000	49.093	-22.7#	124	0.00
86 I	Perylene-d12	20.000	20.000	0.0	124	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	44.469	-11.2	122	0.00
88	Benzo(b)fluoranthene	40.000	39.229	1.9	110	0.00
89	Benzo(k)fluoranthene	40.000	39.648	0.9	118	0.00
90 C	Benzo(a)pyrene	40.000	40.477	-1.2	114	0.00
91	Dibenzo(a,h)anthracene	40.000	43.846	-9.6	119	0.00
92	Benzo(g,h,i)perylene	40.000	43.916	-9.8	120	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143984.D
Acq On : 17 Oct 2025 14:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 17 16:26:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 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 = 1



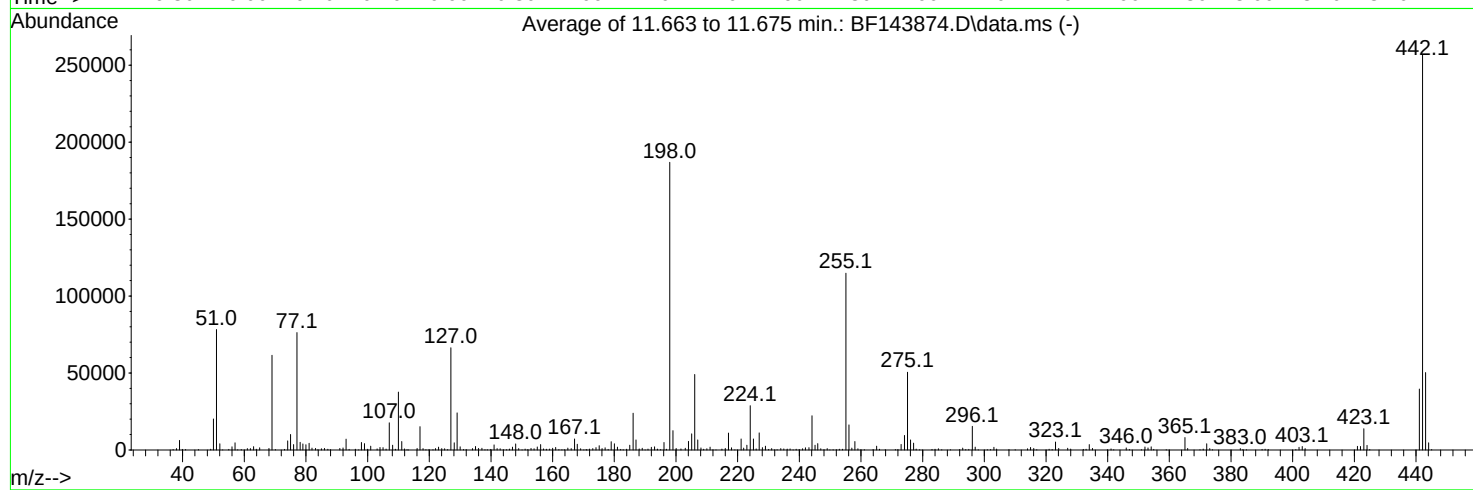
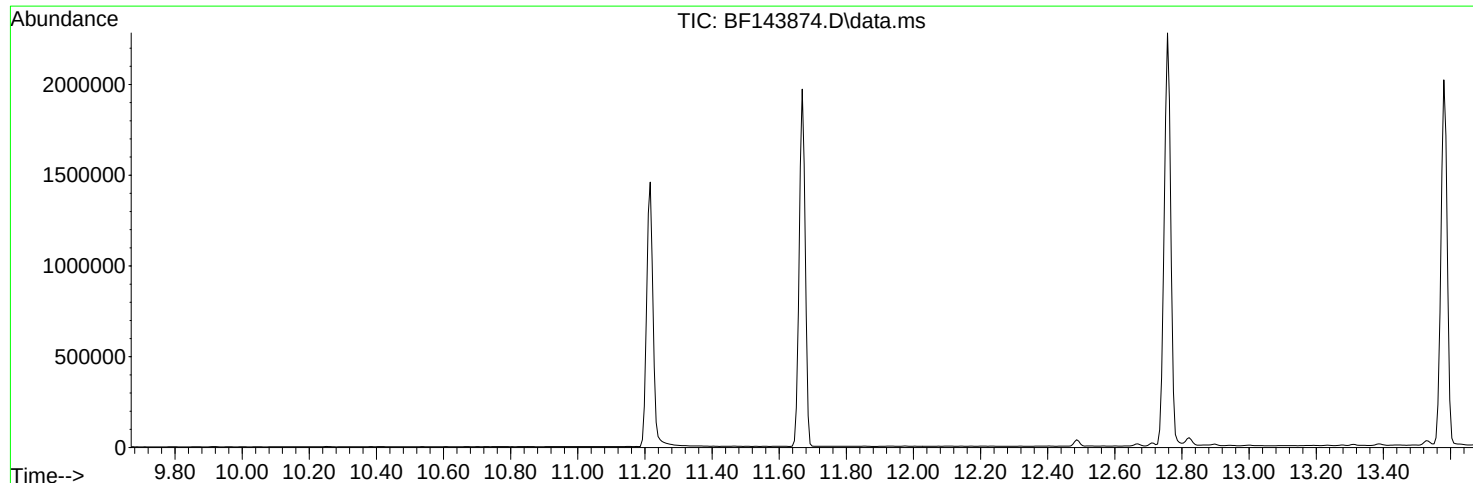
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025



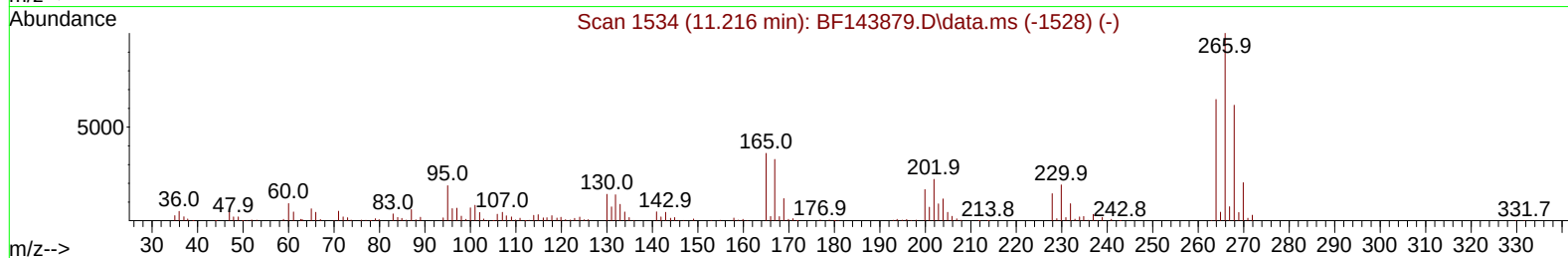
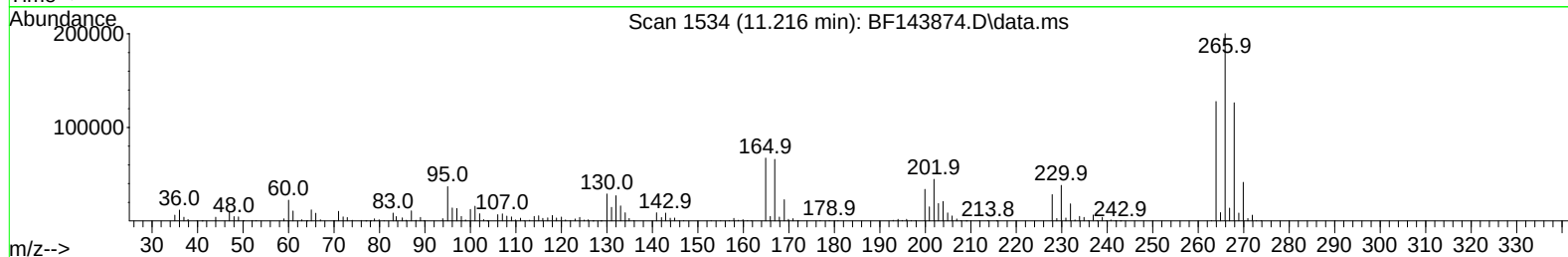
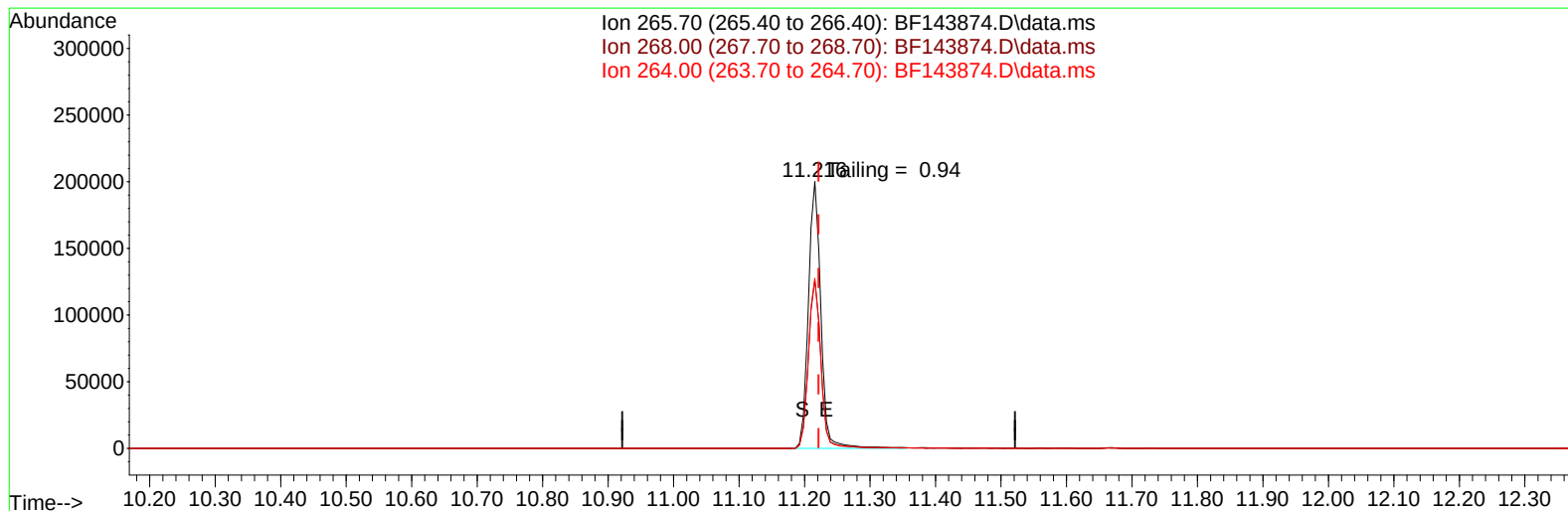
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	971	PASS
69	69	100	100	100.0	61475	PASS
70	69	0.00	2	0.4	240	PASS
197	198	0.00	2	0.3	472	PASS
198	198	100	100	100.0	186859	PASS
199	198	5	9	6.7	12573	PASS
365	198	1	100	4.3	8075	PASS
441	443	0.01	150	78.8	39600	PASS
442	442	100	100	100.0	256555	PASS
443	442	15	24	19.6	50245	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 06 15:36:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF143874.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 36564.81 ng

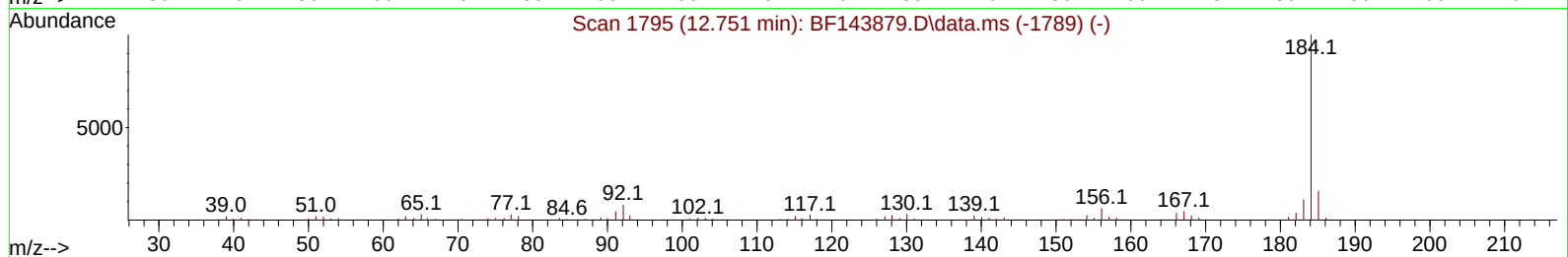
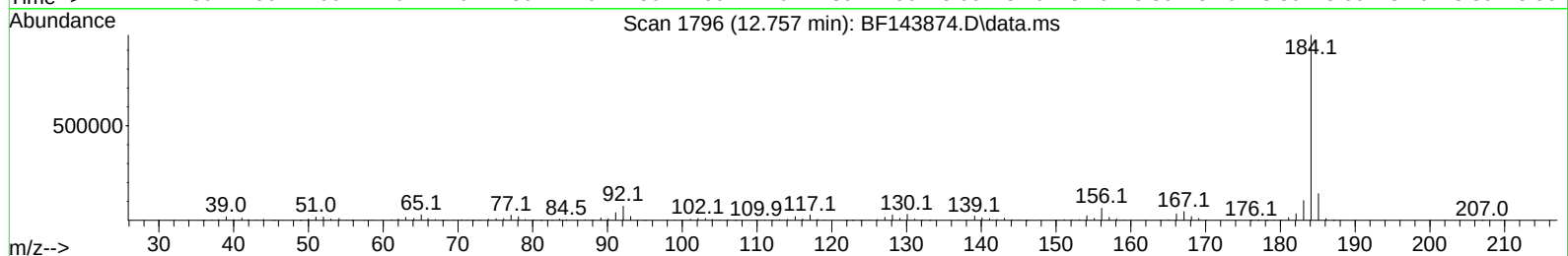
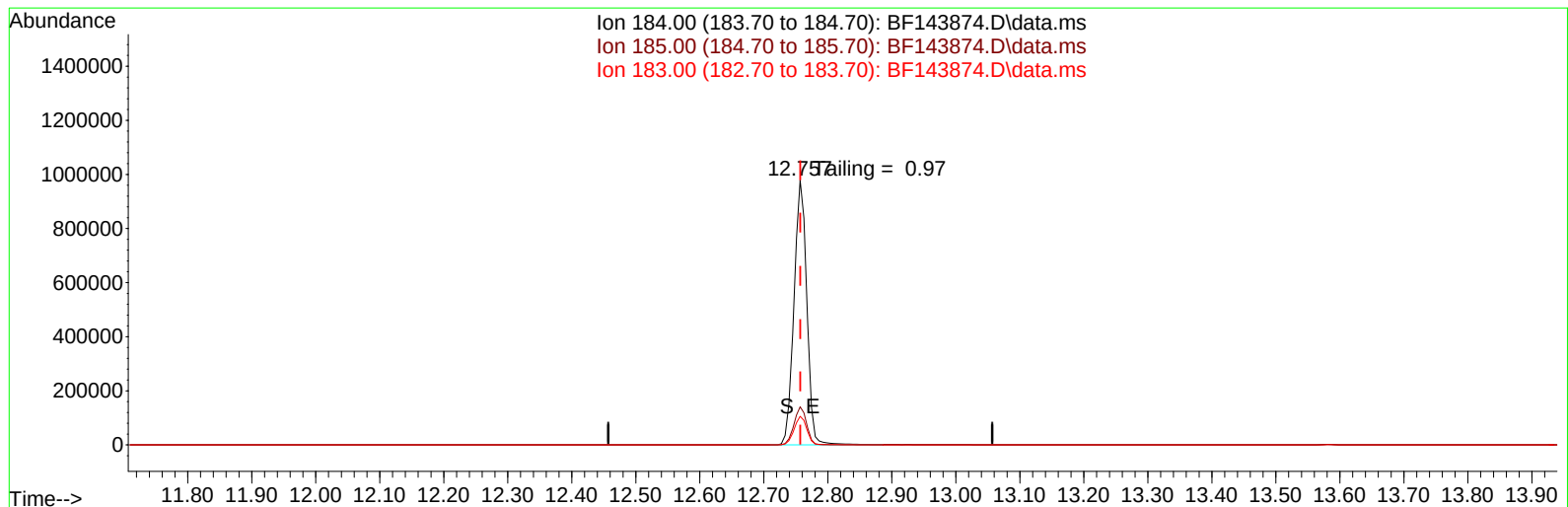
response 265194

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	63.10
264.00	64.70	63.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 06 15:36:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF143874.D\data.ms

(77) Benzidine

12.757min (-0.000) 0.00 ng

response 1371993

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.38
183.00	11.00	10.78
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/6/2025	BNA_F	<u>BF143874.D</u>
Compound Name	Response	Retention Time
DDT	503395	13.58
DDD	4048	13.31
DDE	763	12.945
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
4811	508206	0.95

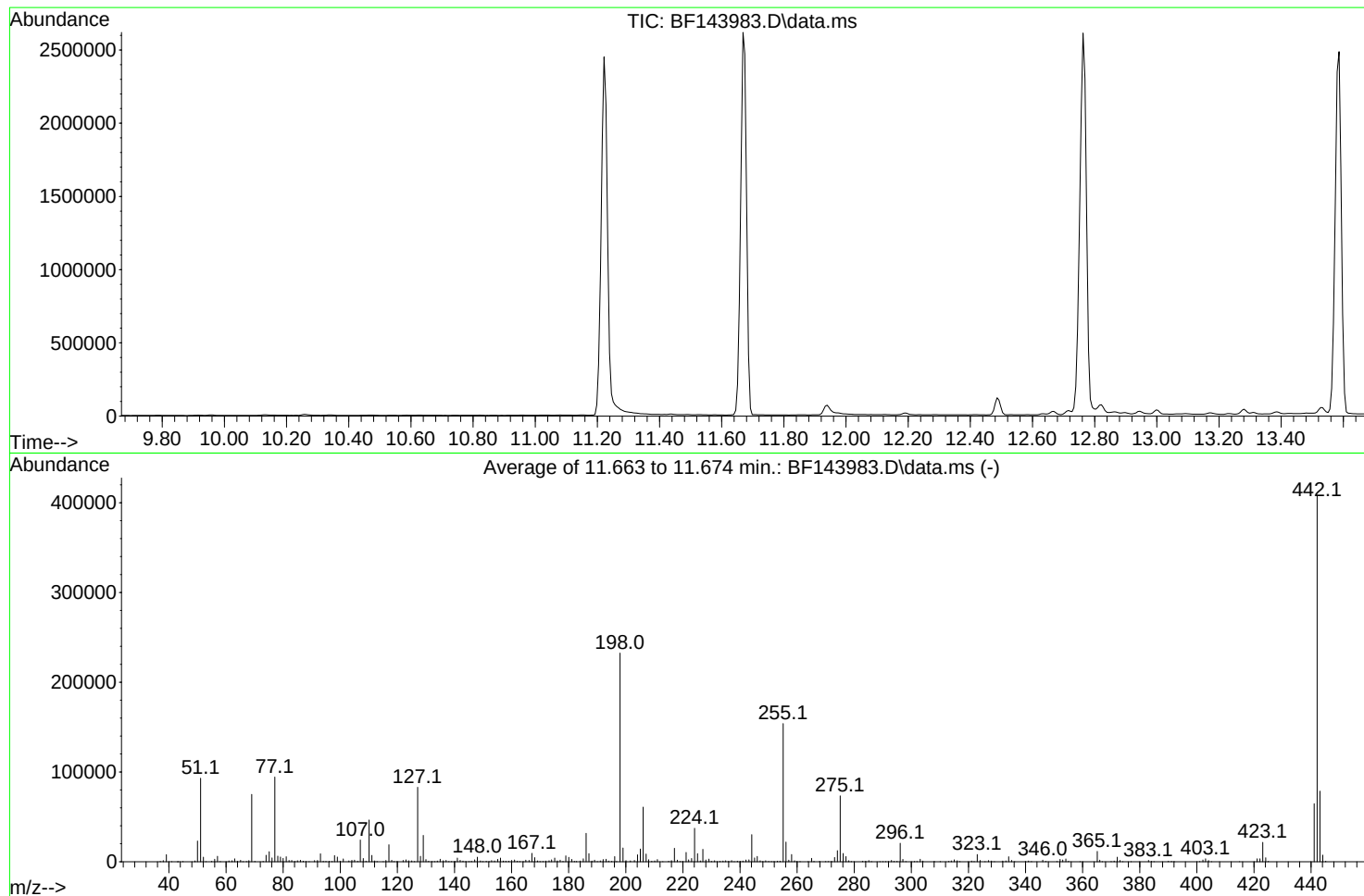
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143983.D
Acq On : 17 Oct 2025 14:14
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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025



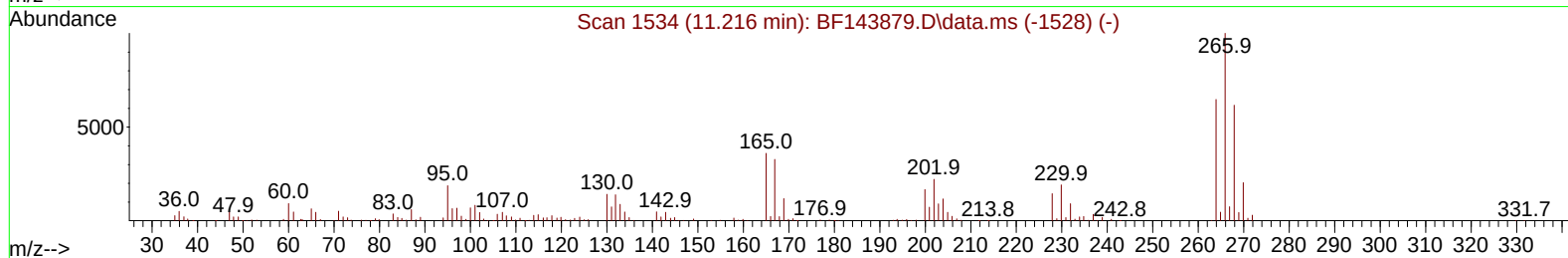
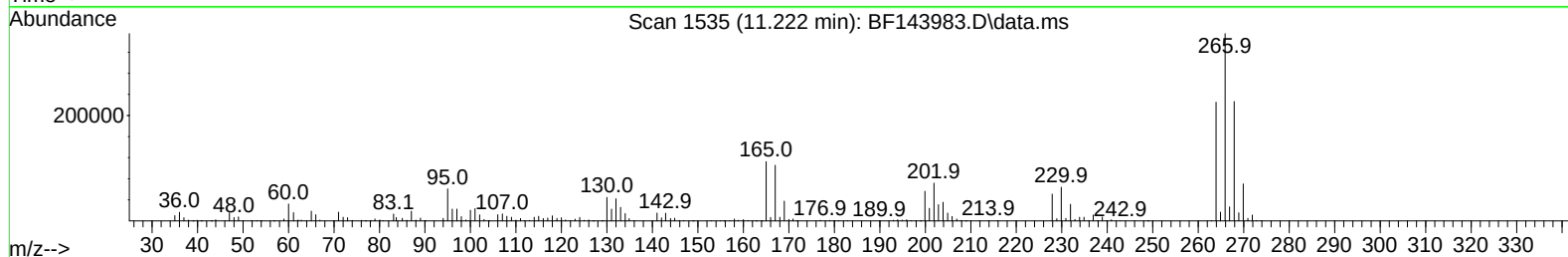
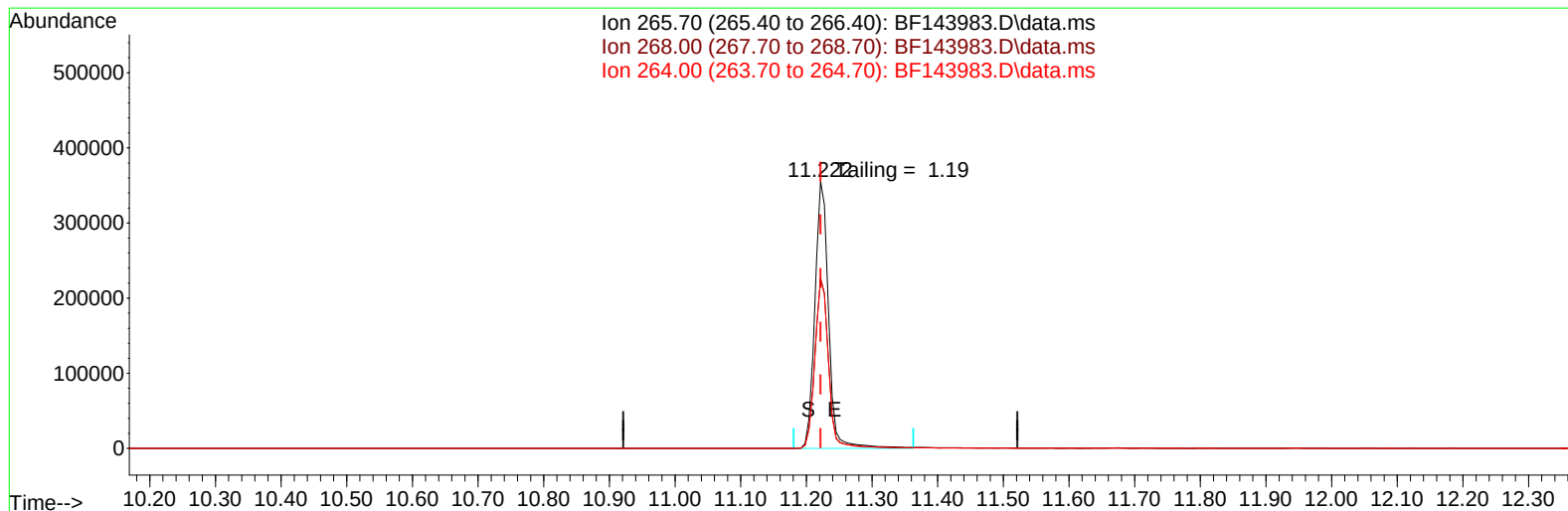
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	1265	PASS
69	69	100	100	100.0	75069	PASS
70	69	0.00	2	0.6	457	PASS
197	198	0.00	2	0.1	330	PASS
198	198	100	100	100.0	232405	PASS
199	198	5	9	6.6	15290	PASS
365	198	1	100	5.0	11551	PASS
441	443	0.01	150	82.2	64648	PASS
442	442	100	100	100.0	407253	PASS
443	442	15	24	19.3	78603	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143983.D
Acq On : 17 Oct 2025 14:14
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 17 15:40:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF143983.D\data.ms

(70) Pentachlorophenol (C)

11.222min (+ 0.000) 1324535.20 ng

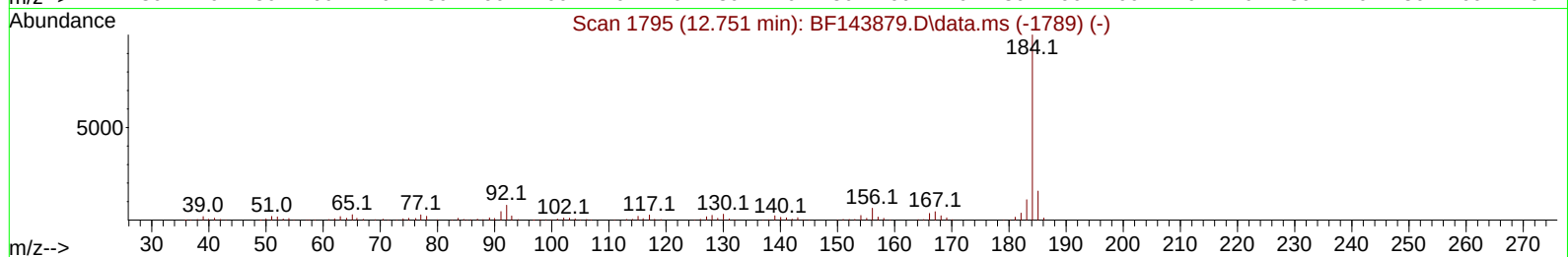
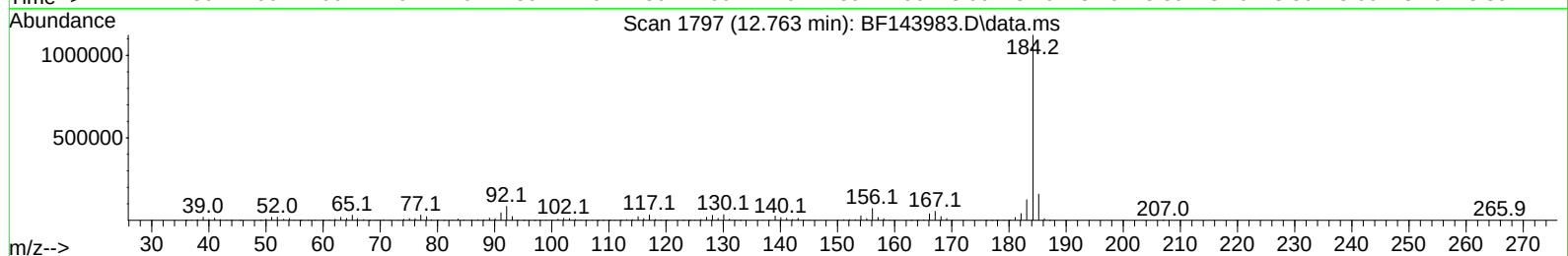
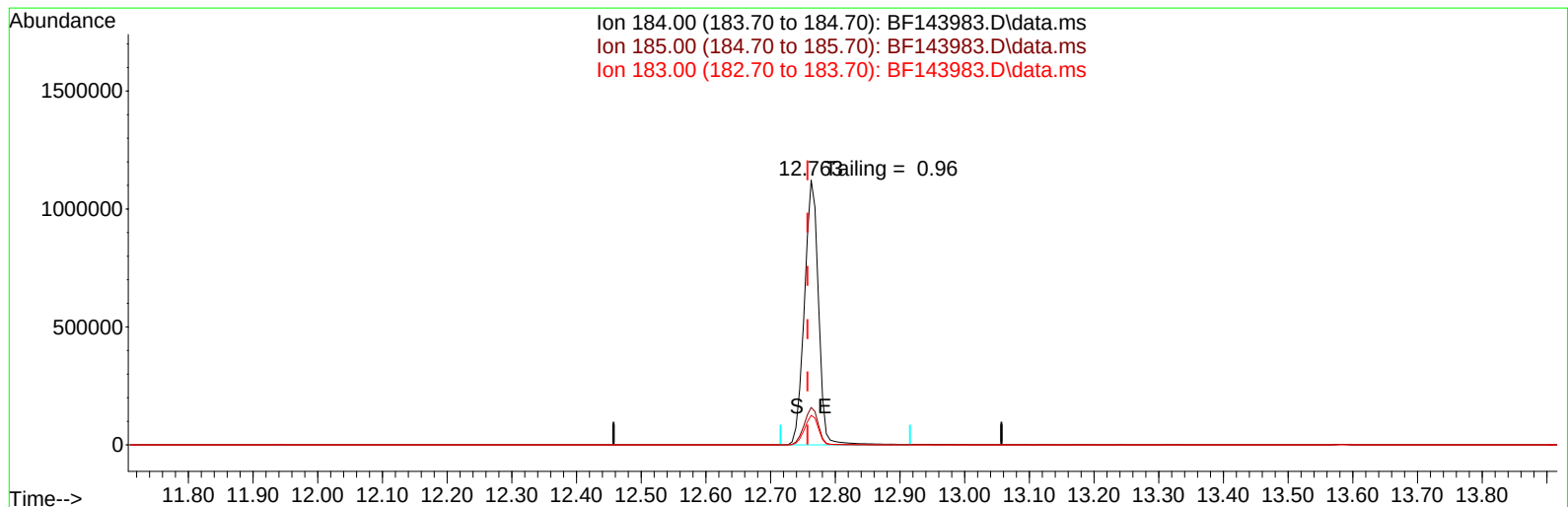
response 515849

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	63.73
264.00	64.70	63.39
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143983.D
Acq On : 17 Oct 2025 14:14
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 17 15:40:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF143983.D\data.ms

(77) Benzidine

12.763min (+ 0.006) 0.00 ng

response 1703588

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.18
183.00	11.00	11.18
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown		
Date	Instrument Name	DFTPP Data File
10/17/2025	BNA_F	BF143983.D
Compound Name	Response	Retention Time
DDT	723581	13.586
DDD	14575	13.28
DDE	5521	12.945
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
20096	743677	2.70



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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: NYPA PURS Station
Client Sample ID: PB170149BL
Lab Sample ID: PB170149BL
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : Prep Date: 10/17/25

Date Collected:
Date Received:
SDG No.: Q3349
Matrix: TCLP
% Solid: 0
Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	1.30	U	1	1.30	5.00	ug/L	10/17/25 15:11	PB170149
106-46-7	1,4-Dichlorobenzene	0.53	U	1	0.53	5.00	ug/L	10/17/25 15:11	PB170149
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	10/17/25 15:11	PB170149
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	10/17/25 15:11	PB170149
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	10/17/25 15:11	PB170149
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	10/17/25 15:11	PB170149
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	10/17/25 15:11	PB170149
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	10/17/25 15:11	PB170149
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	10/17/25 15:11	PB170149
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	10/17/25 15:11	PB170149
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	10/17/25 15:11	PB170149
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	10/17/25 15:11	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	125			23 - 138	83%	SPK: 150		
13127-88-3	Phenol-d6	126			10 - 134	84%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.8			67 - 132	93%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.5			52 - 132	82%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	141			44 - 137	94%	SPK: 150		
1718-51-0	Terphenyl-d14	96.5			42 - 152	97%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	125000							
1146-65-2	Naphthalene-d8	484000							
15067-26-2	Acenaphthene-d10	266000							
1517-22-2	Phenanthrene-d10	467000							
1719-03-5	Chrysene-d12	270000							
1520-96-3	Perylene-d12	237000							

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\BF101725\
 Data File : BF143985.D
 Acq On : 17 Oct 2025 15:11
 Operator : RC/JU
 Sample : PB170149BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170149BL

Quant Time: Oct 17 15:42:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124841	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	484003	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	266250	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	466858	20.000	ng	0.00
76) Chrysene-d12	14.063	240	270321	20.000	ng	0.00
86) Perylene-d12	15.545	264	237285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	979248	124.561	ng	0.01
7) Phenol-d6	6.510	99	1180047	125.930	ng	0.00
23) Nitrobenzene-d5	7.445	82	739033	92.768	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	373024	140.663	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1384018	82.482	ng	-0.01
79) Terphenyl-d14	13.004	244	1526806	96.531	ng	0.00

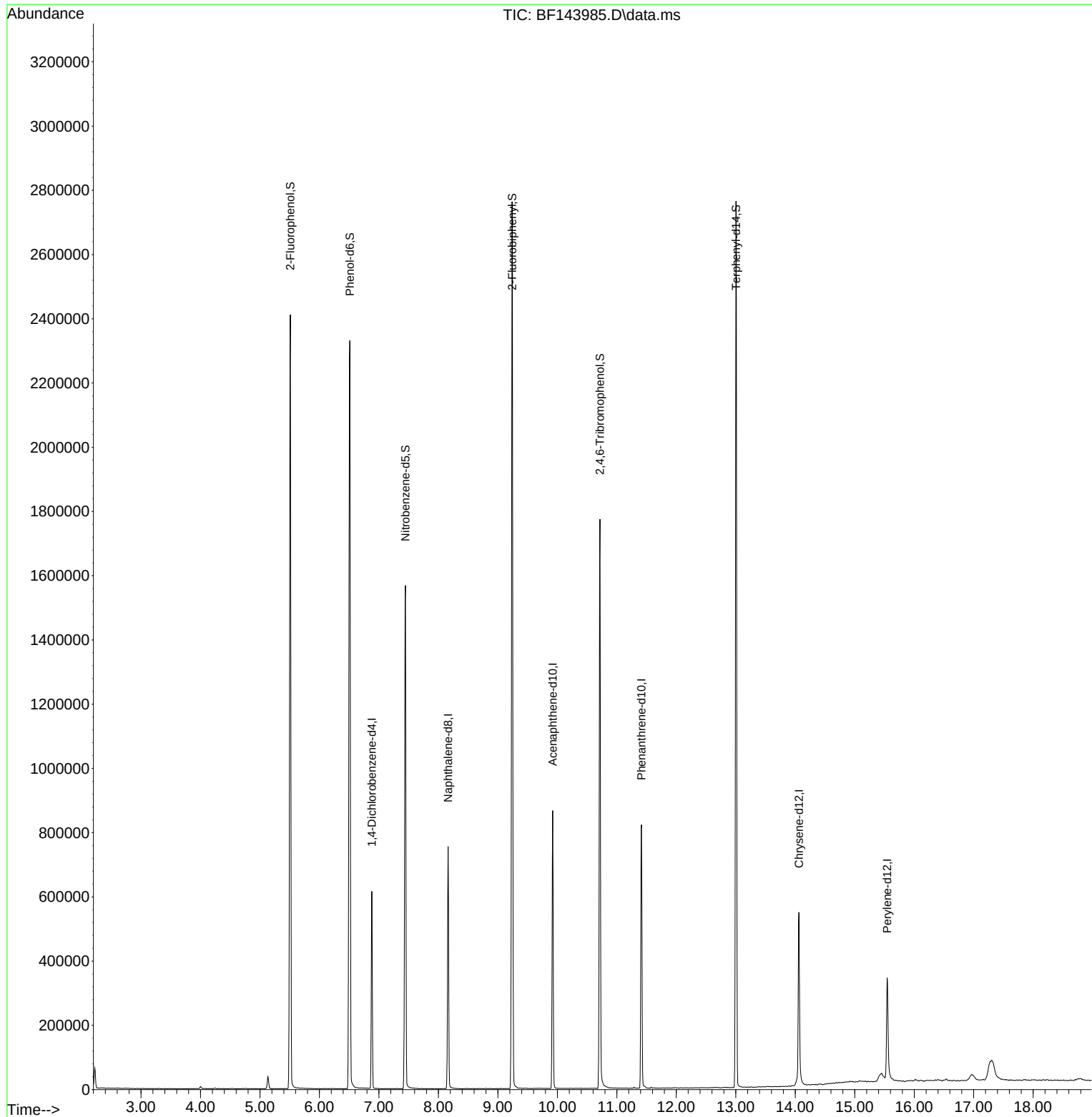
Target Compounds	Qvalue

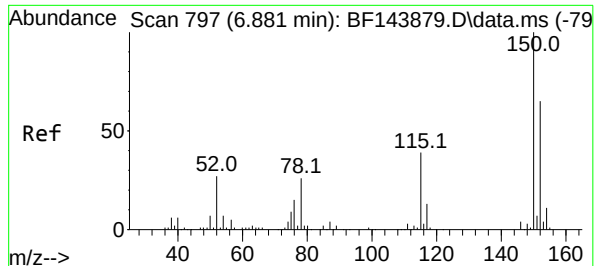
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143985.D
Acq On : 17 Oct 2025 15:11
Operator : RC/JU
Sample : PB170149BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170149BL

Quant Time: Oct 17 15:42:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

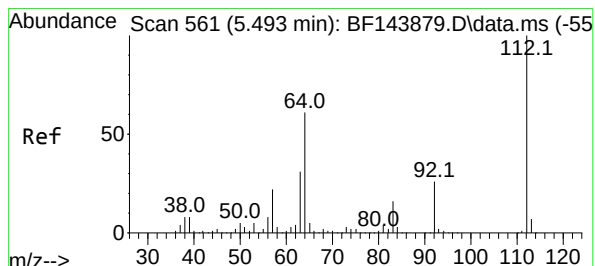
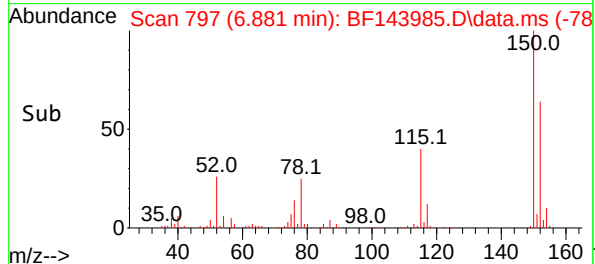
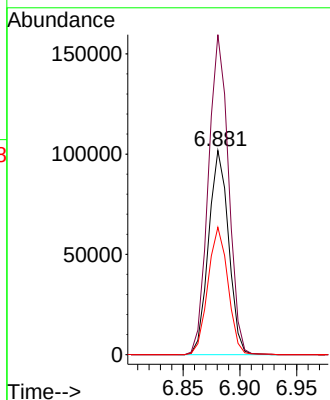
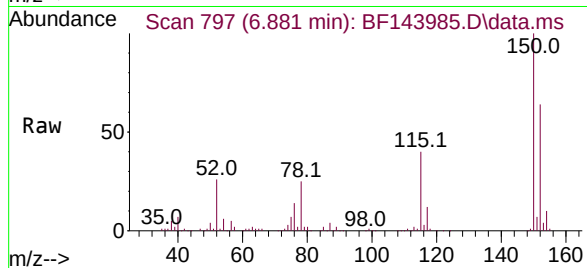




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

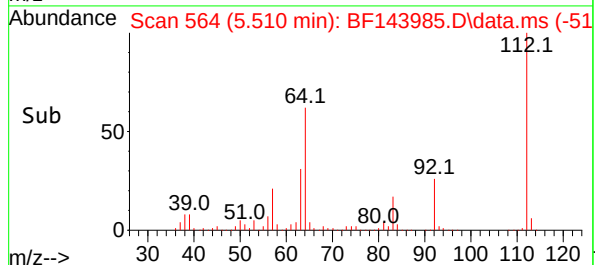
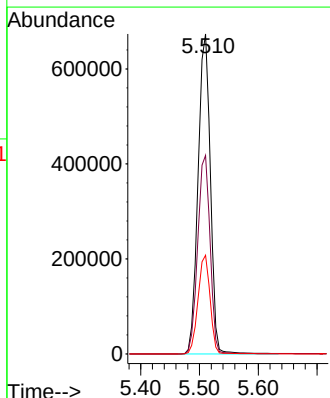
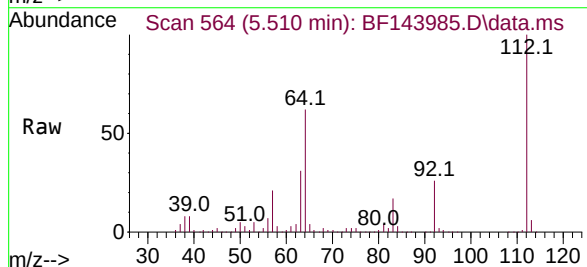
Instrument :
BNA_F
ClientSampleId :
PB170149BL

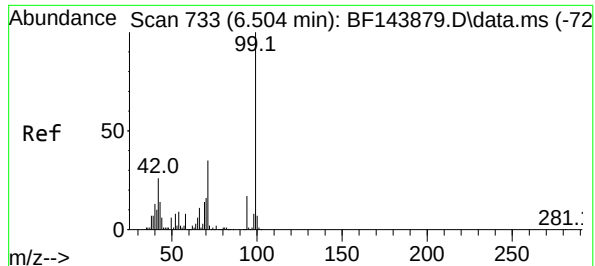
Tgt Ion:152 Resp: 124841
Ion Ratio Lower Upper
152 100
150 156.8 124.4 186.6
115 62.4 48.1 72.1



#5
2-Fluorophenol
Concen: 124.561 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

Tgt Ion:112 Resp: 979248
Ion Ratio Lower Upper
112 100
64 62.0 49.1 73.7
63 30.8 24.5 36.7

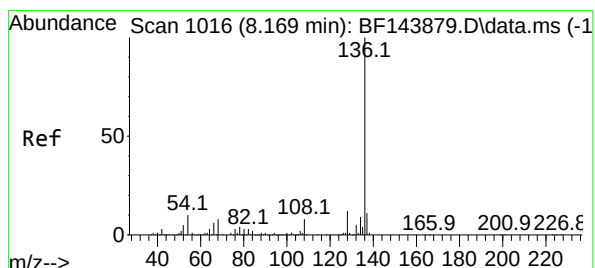
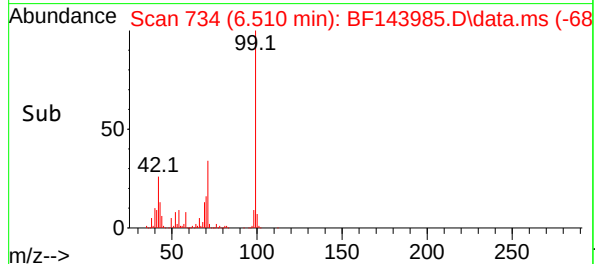
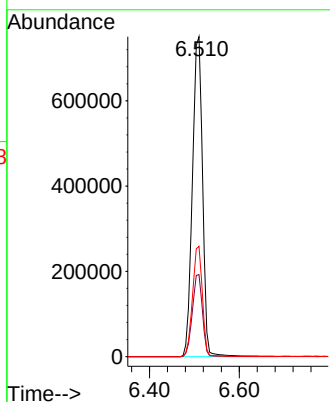
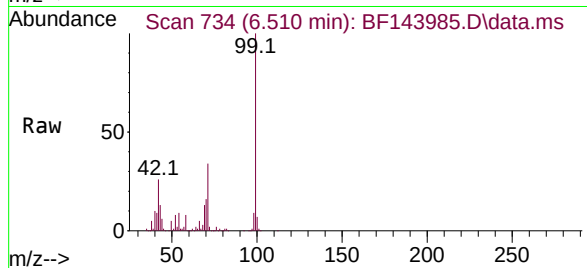




#7
Phenol-d6
Concen: 125.930 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

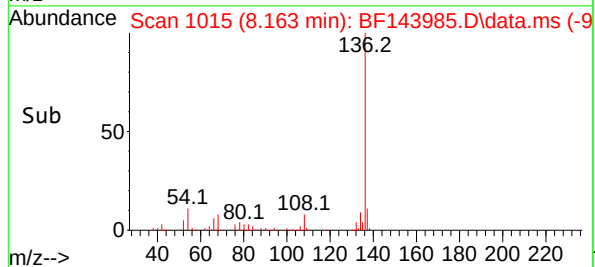
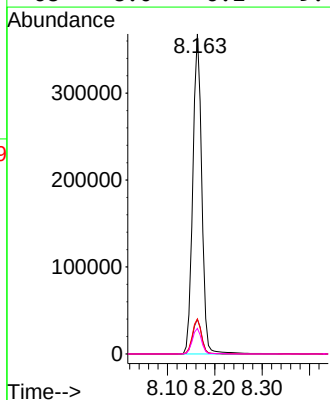
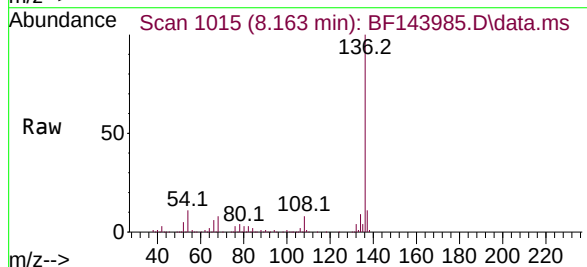
Instrument :
BNA_F
ClientSampleId :
PB170149BL

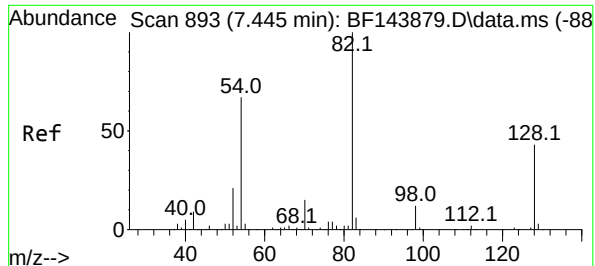
Tgt Ion: 99 Resp: 1180047
Ion Ratio Lower Upper
99 100
42 25.6 21.0 31.4
71 34.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

Tgt Ion: 136 Resp: 484003
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.9 8.2 12.4
68 8.0 6.2 9.4





#23

Nitrobenzene-d5

Concen: 92.768 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143985.D

Acq: 17 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB170149BL

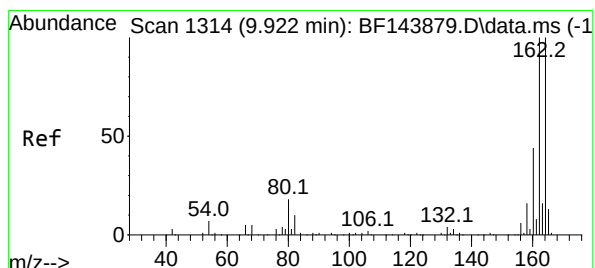
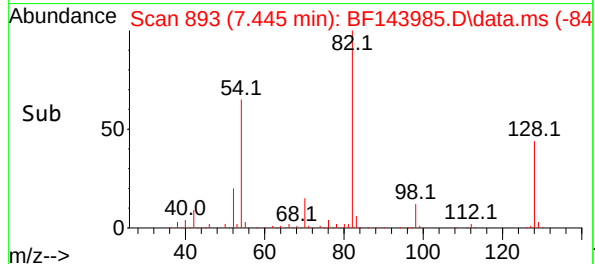
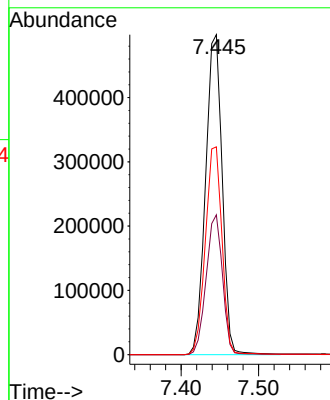
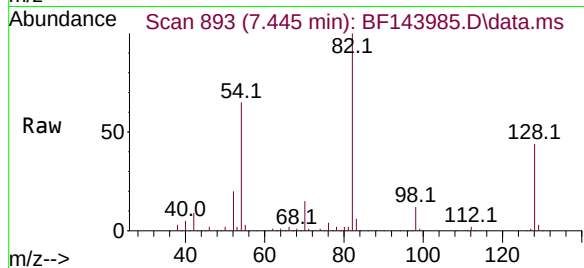
Tgt Ion: 82 Resp: 739033

Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

54 64.9 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143985.D

Acq: 17 Oct 2025 15:11

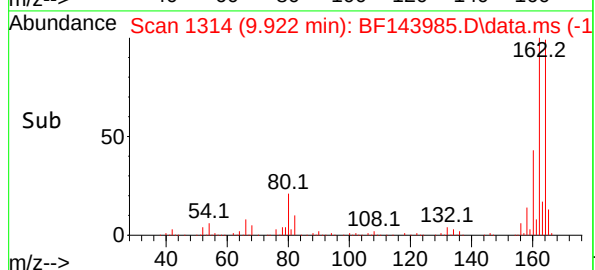
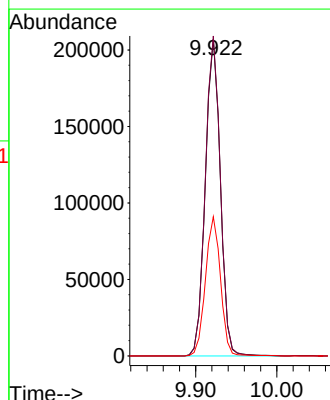
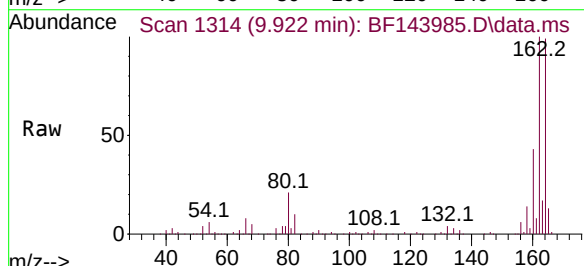
Tgt Ion:164 Resp: 266250

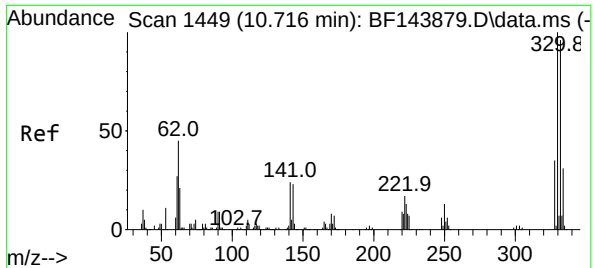
Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

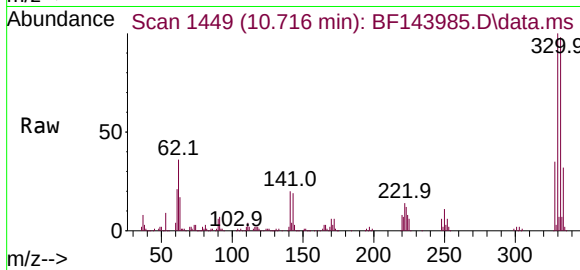
160 43.9 35.4 53.0



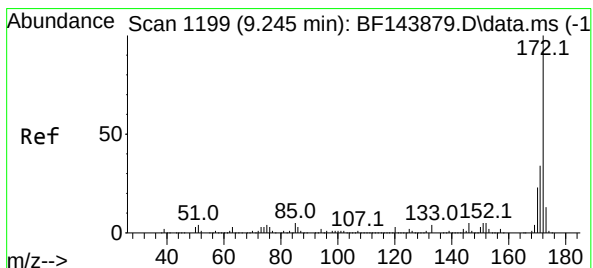
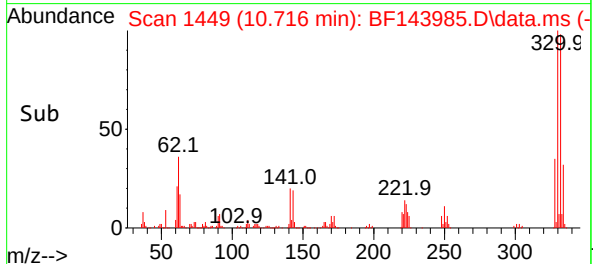
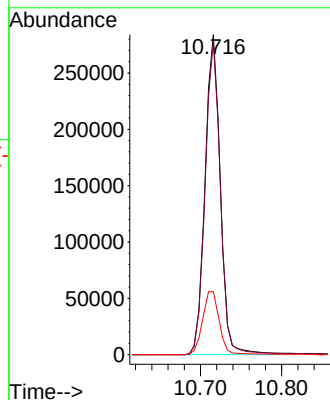


#42
2,4,6-Tribromophenol
Concen: 140.663 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

Instrument :
BNA_F
ClientSampleId :
PB170149BL

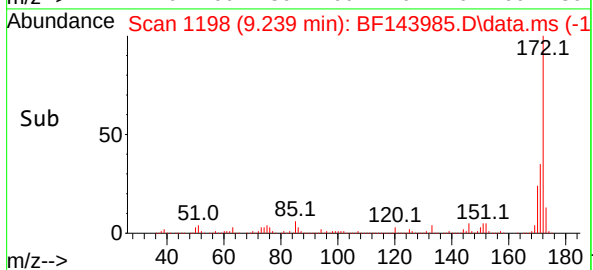
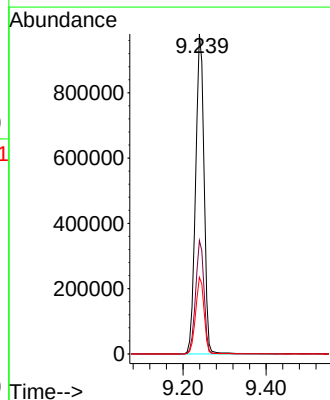
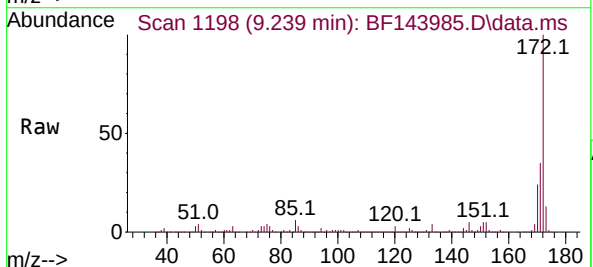


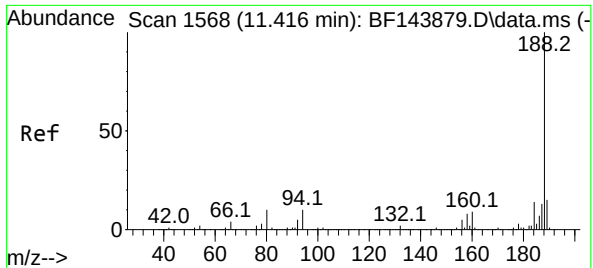
Tgt Ion: 330 Resp: 373024
Ion Ratio Lower Upper
330 100
332 98.1 76.9 115.3
141 21.7 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 82.482 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

Tgt Ion: 172 Resp: 1384018
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.0
170 23.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF143985.D

Acq: 17 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB170149BL

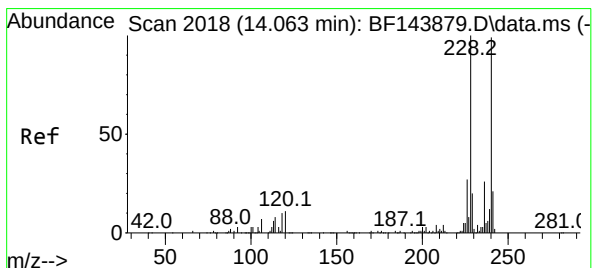
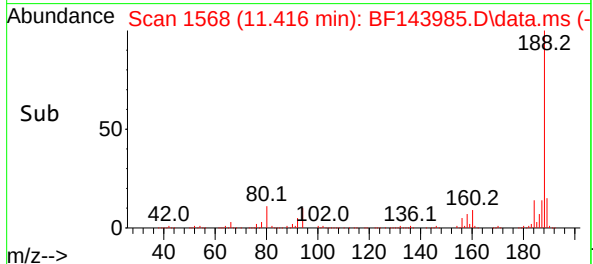
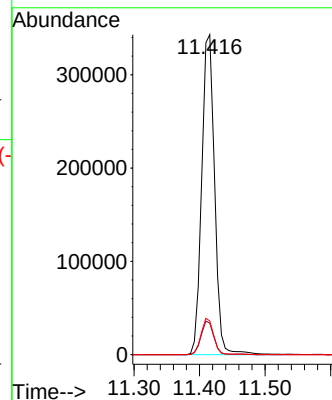
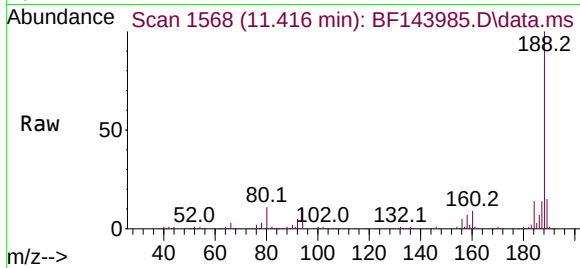
Tgt Ion:188 Resp: 466858

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

80 10.5 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF143985.D

Acq: 17 Oct 2025 15:11

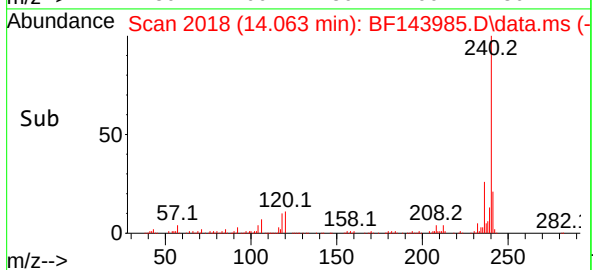
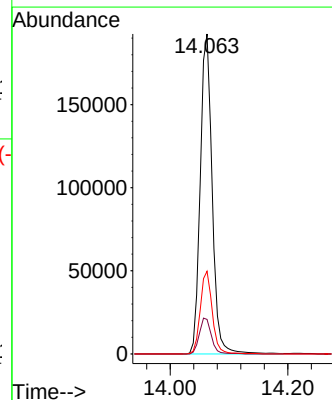
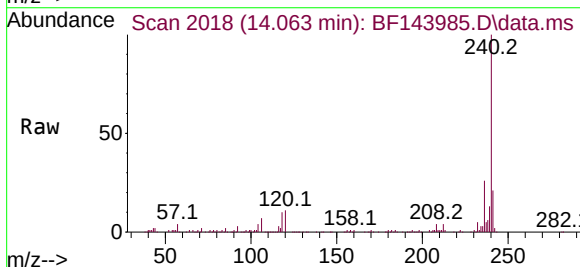
Tgt Ion:240 Resp: 270321

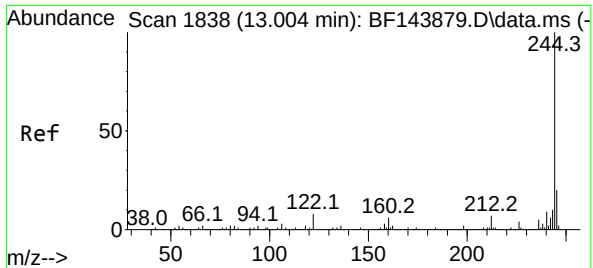
Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

236 25.8 21.1 31.7





#79

Terphenyl-d14

Concen: 96.531 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143985.D

Acq: 17 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB170149BL

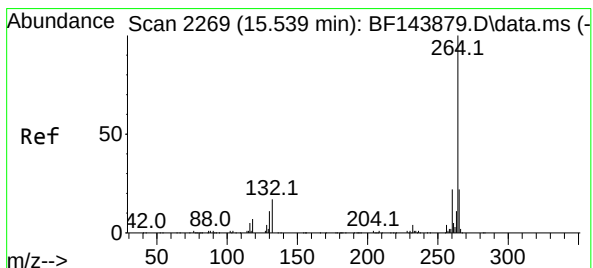
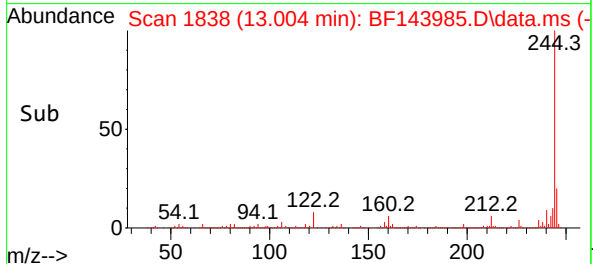
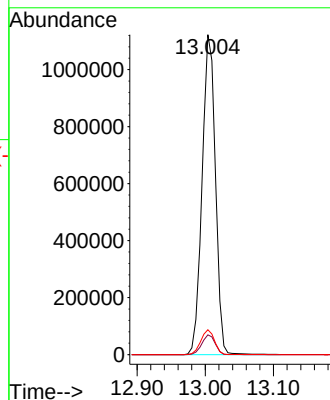
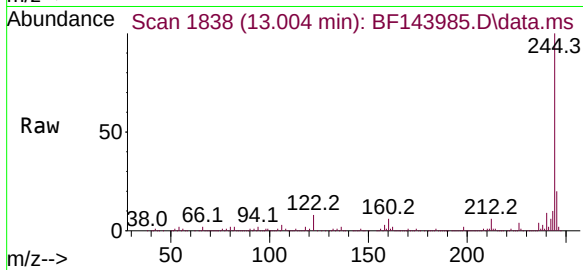
Tgt Ion:244 Resp: 1526806

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

122 7.8 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF143985.D

Acq: 17 Oct 2025 15:11

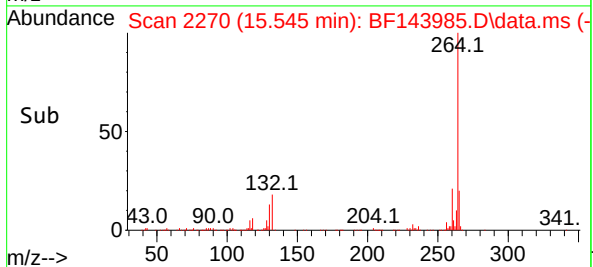
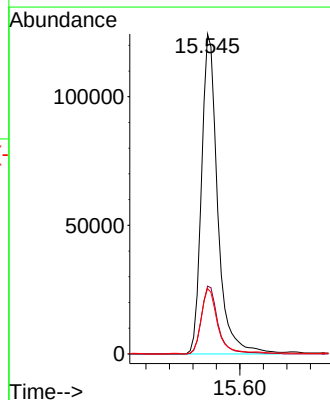
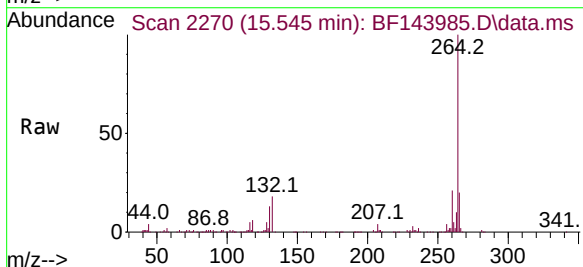
Tgt Ion:264 Resp: 237285

Ion Ratio Lower Upper

264 100

260 21.2 17.8 26.8

265 20.4 17.5 26.3





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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: NYPA PURS Station
Client Sample ID: PB170149BS
Lab Sample ID: PB170149BS
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : Prep Date: 10/17/25

Date Collected:
Date Received:
SDG No.: Q3349
Matrix: TCLP
% Solid: 0
Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	40.4		1	1.30	5.00	ug/L	10/17/25 15:40	PB170149
106-46-7	1,4-Dichlorobenzene	45.7		1	0.53	5.00	ug/L	10/17/25 15:40	PB170149
95-48-7	2-Methylphenol	45.9		1	1.10	5.00	ug/L	10/17/25 15:40	PB170149
65794-96-9	3+4-Methylphenols	43.4		1	1.10	10.0	ug/L	10/17/25 15:40	PB170149
67-72-1	Hexachloroethane	45.2		1	0.65	5.00	ug/L	10/17/25 15:40	PB170149
98-95-3	Nitrobenzene	46.6		1	0.76	5.00	ug/L	10/17/25 15:40	PB170149
87-68-3	Hexachlorobutadiene	44.8		1	0.54	5.00	ug/L	10/17/25 15:40	PB170149
88-06-2	2,4,6-Trichlorophenol	43.9		1	0.51	5.00	ug/L	10/17/25 15:40	PB170149
95-95-4	2,4,5-Trichlorophenol	44.7		1	0.62	5.00	ug/L	10/17/25 15:40	PB170149
121-14-2	2,4-Dinitrotoluene	51.5		1	1.20	5.00	ug/L	10/17/25 15:40	PB170149
118-74-1	Hexachlorobenzene	47.9		1	0.52	5.00	ug/L	10/17/25 15:40	PB170149
87-86-5	Pentachlorophenol	85.6	E	1	1.60	10.0	ug/L	10/17/25 15:40	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	117			23 - 138	78%	SPK: 150		
13127-88-3	Phenol-d6	117			10 - 134	78%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.0			67 - 132	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	77.7			52 - 132	78%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	128			44 - 137	85%	SPK: 150		
1718-51-0	Terphenyl-d14	93.9			42 - 152	94%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	120000							
1146-65-2	Naphthalene-d8	470000							
15067-26-2	Acenaphthene-d10	254000							
1517-22-2	Phenanthrene-d10	407000							
1719-03-5	Chrysene-d12	226000							
1520-96-3	Perylene-d12	235000							

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\BF101725\
 Data File : BF143986.D
 Acq On : 17 Oct 2025 15:40
 Operator : RC/JU
 Sample : PB170149BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 16:02:31 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	119613	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	469641	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	253761	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	406747	20.000	ng	0.00
76) Chrysene-d12	14.063	240	226465	20.000	ng	0.00
86) Perylene-d12	15.545	264	234681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	878218	116.593	ng	0.01
7) Phenol-d6	6.510	99	1052867	117.269	ng	0.00
23) Nitrobenzene-d5	7.445	82	664727	85.992	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	323303	127.914	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1242585	77.697	ng	-0.01
79) Terphenyl-d14	13.004	244	1244240	93.900	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	140569	40.329	ng	97
3) Pyridine	3.493	79	409763	40.382	ng	98
4) n-Nitrosodimethylamine	3.440	42	242588	45.446	ng	93
6) Aniline	6.546	93	443773	32.985	ng	96
8) 2-Chlorophenol	6.669	128	342953	46.579	ng	98
9) Benzaldehyde	6.434	77	197925	28.578	ng	100
10) Phenol	6.528	94	474884	44.242	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	376125	45.362	ng	97
12) 1,3-Dichlorobenzene	6.822	146	395974	44.928	ng	99
13) 1,4-Dichlorobenzene	6.898	146	397304	45.700	ng	99
14) 1,2-Dichlorobenzene	7.051	146	385869	46.338	ng	99
15) Benzyl Alcohol	7.022	79	319011	47.422	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	890500	47.182	ng	99
17) 2-Methylphenol	7.134	107	279373	45.912	ng	100
18) Hexachloroethane	7.393	117	130930	45.158	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	263165	42.822	ng	99
20) 3+4-Methylphenols	7.287	107	306085	43.402	ng	# 77
22) Acetophenone	7.293	105	463756	46.701	ng	96
24) Nitrobenzene	7.463	77	400095	46.607	ng	98
25) Isophorone	7.704	82	735284	45.111	ng	99
26) 2-Nitrophenol	7.781	139	194242	52.778	ng	99
27) 2,4-Dimethylphenol	7.816	122	323512	48.865	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	465686	45.230	ng	98
29) 2,4-Dichlorophenol	8.022	162	301846	43.770	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	317324	46.787	ng	98
31) Naphthalene	8.187	128	927411	43.411	ng	99
32) Benzoic acid	7.945	122	236400	51.594	ng	97
33) 4-Chloroaniline	8.234	127	129982	16.223	ng	98
34) Hexachlorobutadiene	8.304	225	211371	44.849	ng	99
35) Caprolactam	8.610	113	100382m	45.780	ng	
36) 4-Chloro-3-methylphenol	8.716	107	294449	44.450	ng	99
37) 2-Methylnaphthalene	8.881	142	573213	40.280	ng	98
38) 1-Methylnaphthalene	8.981	142	581830	42.151	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	339557	48.414	ng	98
41) Hexachlorocyclopentadiene	9.034	237	331838	114.047	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	225079	43.922	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143986.D
 Acq On : 17 Oct 2025 15:40
 Operator : RC/JU
 Sample : PB170149BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170149BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 16:02:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

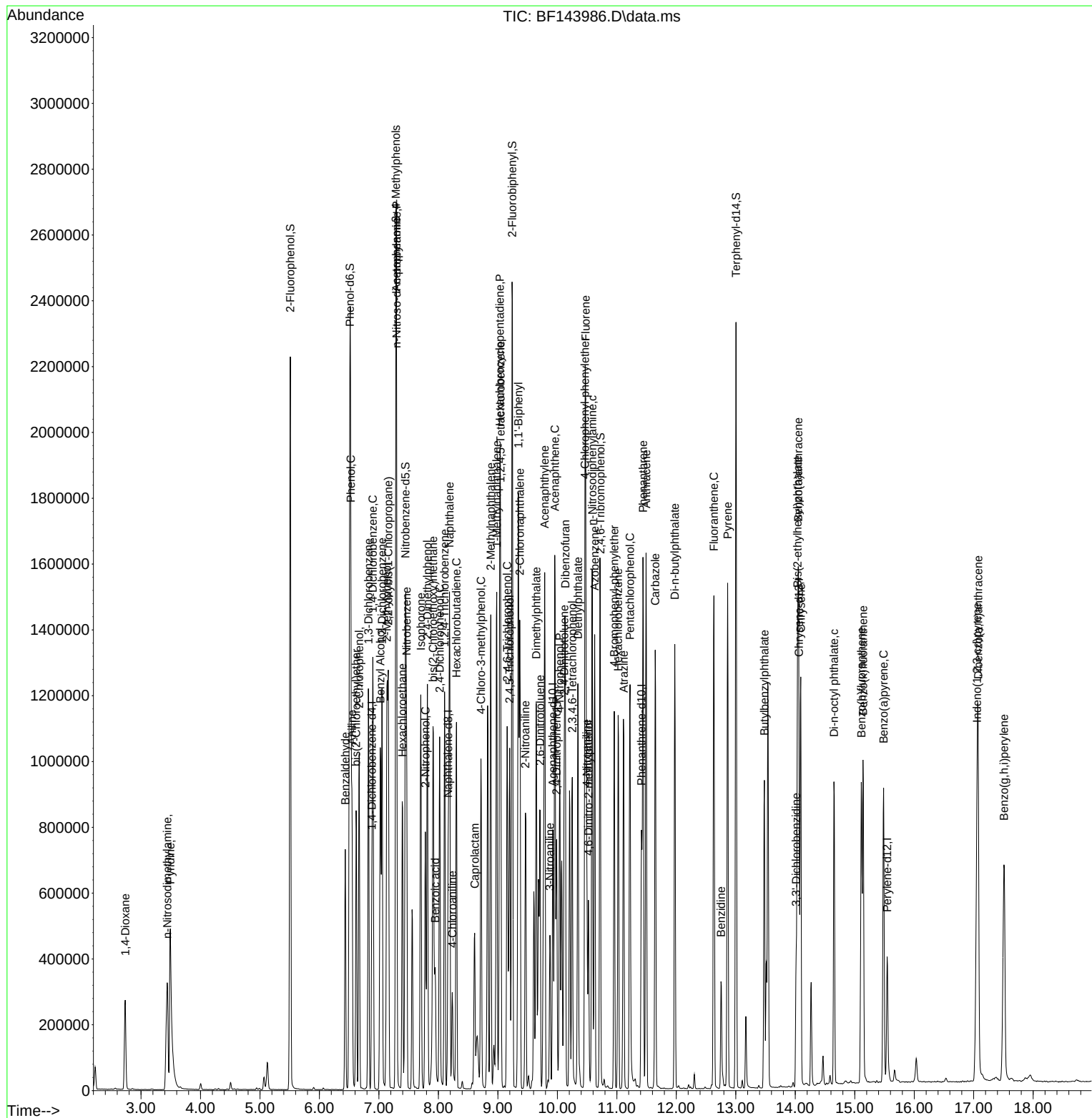
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	242240	44.731	ng	97
46) 1,1'-Biphenyl	9.345	154	802867	47.786	ng	98
47) 2-Chloronaphthalene	9.369	162	617349	44.071	ng	97
48) 2-Nitroaniline	9.463	65	216788	48.950	ng	99
49) Acenaphthylene	9.786	152	962639	48.881	ng	100
50) Dimethylphthalate	9.645	163	728428	45.202	ng	99
51) 2,6-Dinitrotoluene	9.710	165	158142	52.922	ng	95
52) Acenaphthene	9.957	154	599506	46.458	ng	99
53) 3-Nitroaniline	9.875	138	98293	26.864	ng	97
54) 2,4-Dinitrophenol	9.986	184	156080	84.272	ng	93
55) Dibenzofuran	10.134	168	785957	43.147	ng	99
56) 4-Nitrophenol	10.039	139	229223	82.740	ng	95
57) 2,4-Dinitrotoluene	10.116	165	209585	51.548	ng	99
58) Fluorene	10.475	166	592656	43.118	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	189832m	49.520	ng	
60) Diethylphthalate	10.345	149	657488	43.918	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	318770	43.865	ng	98
62) 4-Nitroaniline	10.492	138	152195	43.256	ng	96
63) Azobenzene	10.628	77	707147	45.195	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	116178	56.838	ng	99
66) n-Nitrosodiphenylamine	10.586	169	600218	46.997	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	216520	48.167	ng	98
68) Hexachlorobenzene	11.022	284	249347	47.913	ng	100
69) Atrazine	11.116	200	187550	48.451	ng	95
70) Pentachlorophenol	11.222	266	255856	85.603	ng	98
71) Phenanthrene	11.439	178	894044	45.339	ng	100
72) Anthracene	11.492	178	914080	45.885	ng	100
73) Carbazole	11.645	167	799634	45.322	ng	98
74) Di-n-butylphthalate	11.975	149	951680	46.541	ng	99
75) Fluoranthene	12.633	202	910295	44.691	ng	99
77) Benzidine	12.751	184	211474	26.893	ng	98
78) Pyrene	12.863	202	909507	48.173	ng	99
80) Butylbenzylphthalate	13.480	149	309626	50.496	ng	99
81) Benzo(a)anthracene	14.051	228	734276	49.546	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	126915	28.101	ng	99
83) Chrysene	14.092	228	619350	45.154	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	370575	50.136	ng	98
85) Di-n-octyl phthalate	14.651	149	618496	50.947	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	819010	56.955	ng	99
88) Benzo(b)fluoranthene	15.110	252	644361	47.798	ng	99
89) Benzo(k)fluoranthene	15.139	252	547384	43.882	ng	99
90) Benzo(a)pyrene	15.486	252	587474	50.258	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	677197	58.555	ng	99
92) Benzo(g,h,i)perylene	17.509	276	679031	58.713	ng	98

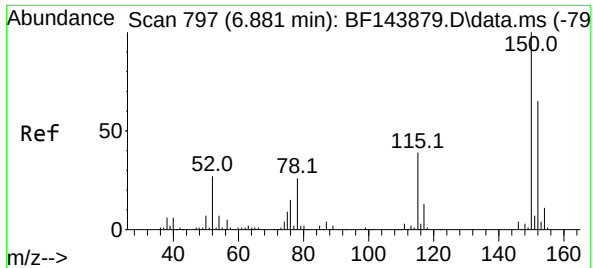
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
PB170149BS

Manual Integrations

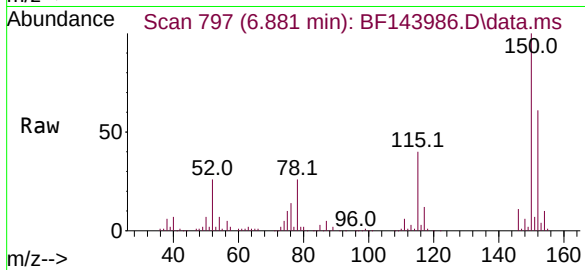
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

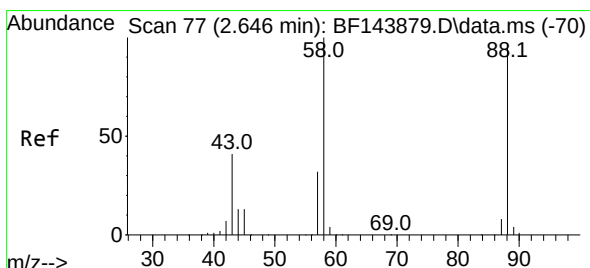
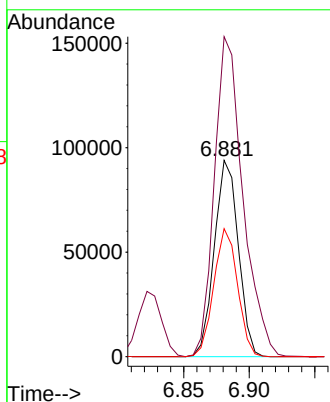
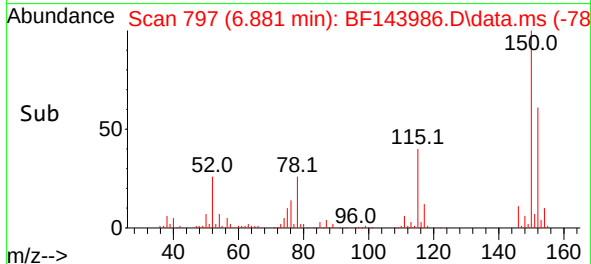
Instrument :
BNA_F
ClientSampleId :
PB170149BS



Tgt Ion:152 Resp: 119613
Ion Ratio Lower Upper
152 100
150 163.1 124.4 186.6
115 65.2 48.1 72.1

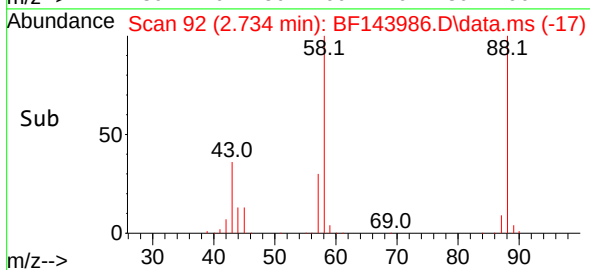
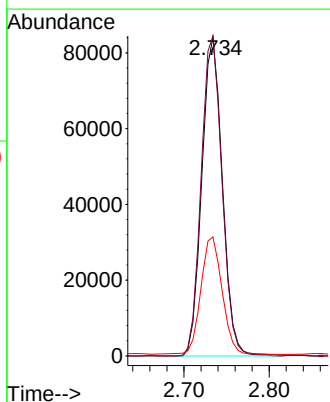
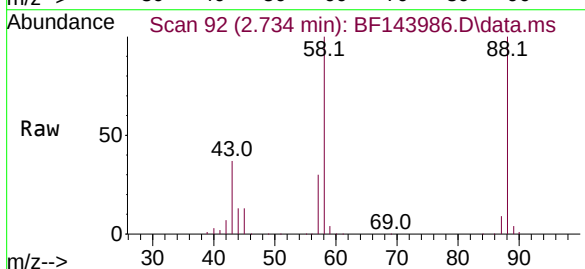
Manual Integrations
APPROVED

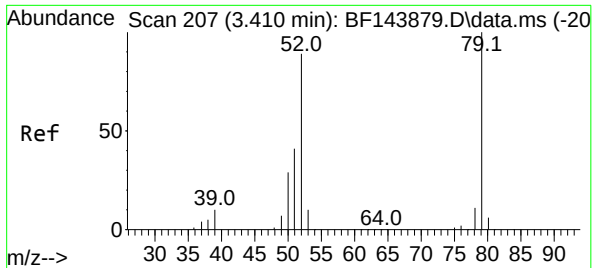
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#2
1,4-Dioxane
Concen: 40.329 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.088 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion: 88 Resp: 140569
Ion Ratio Lower Upper
88 100
58 102.3 83.0 124.6
43 38.2 33.9 50.9





#3

Pyridine

Concen: 40.382 ng

RT: 3.493 min Scan# 211

Delta R.T. 0.077 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion: 79 Resp: 409763

Ion Ratio Lower Upper

79 100

52 88.1 71.5 107.3

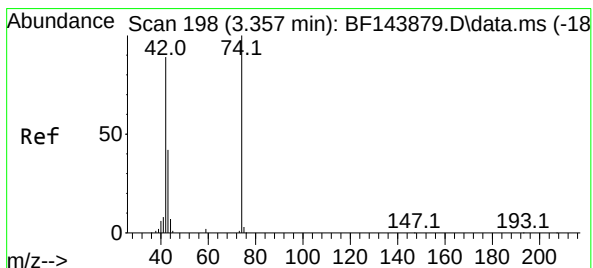
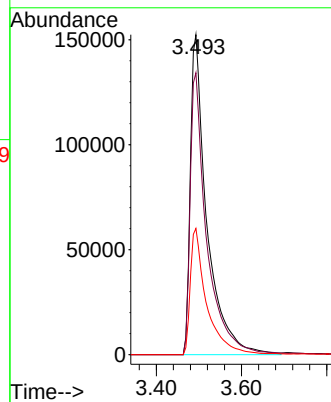
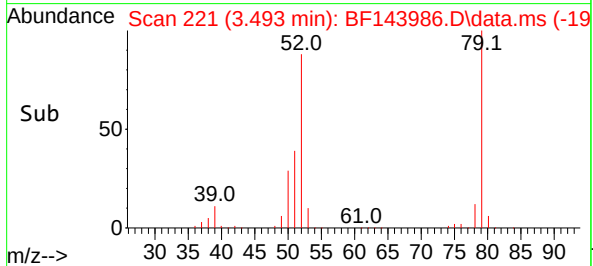
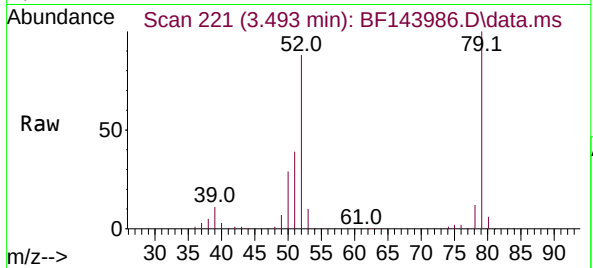
51 39.4 32.9 49.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#4

n-Nitrosodimethylamine

Concen: 45.446 ng

RT: 3.440 min Scan# 212

Delta R.T. 0.053 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

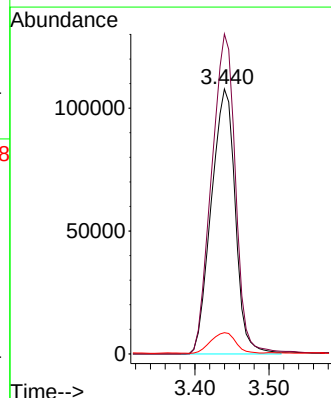
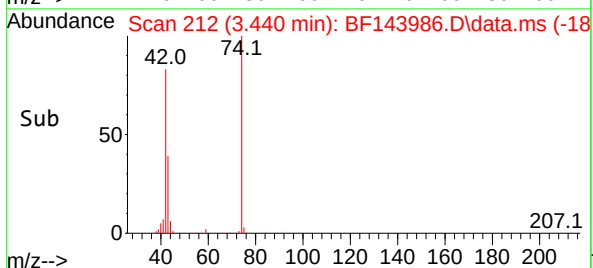
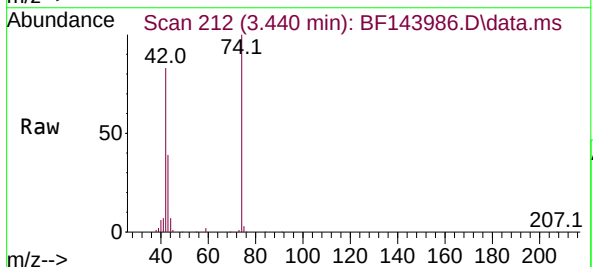
Tgt Ion: 42 Resp: 242588

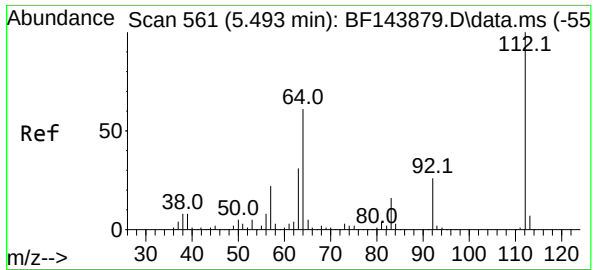
Ion Ratio Lower Upper

42 100

74 120.8 90.0 135.0

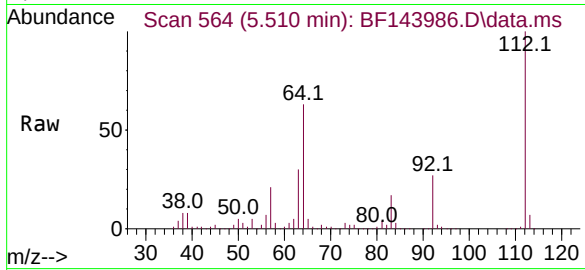
44 8.0 6.2 9.2





#5
2-Fluorophenol
Concen: 116.593 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

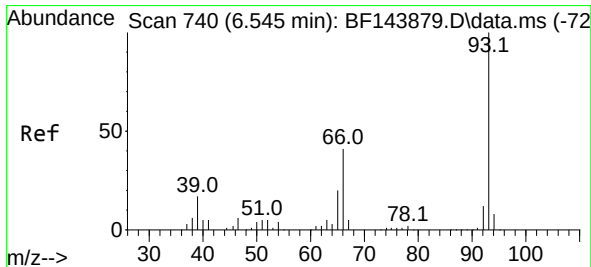
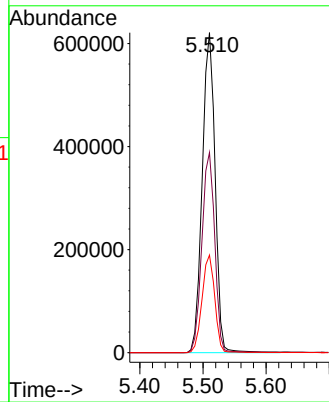
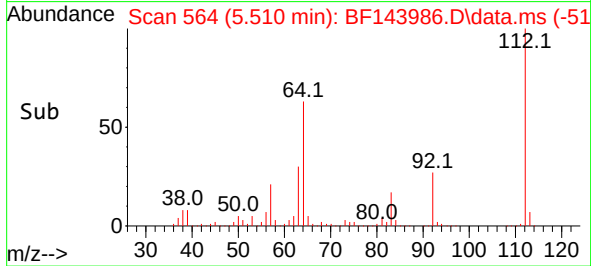
Instrument :
BNA_F
ClientSampleId :
PB170149BS



Tgt Ion:112 Resp: 878218
Ion Ratio Lower Upper
112 100
64 62.5 49.1 73.7
63 30.5 24.5 36.7

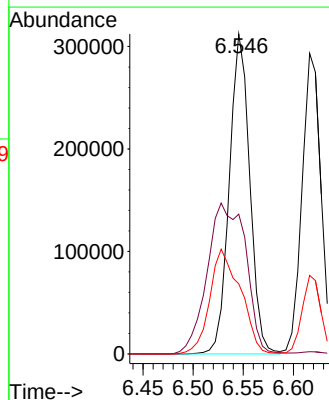
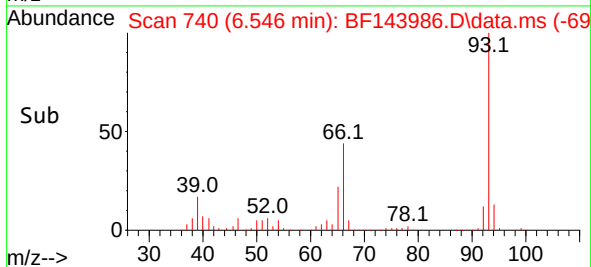
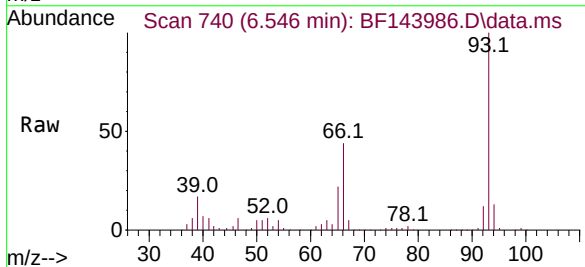
Manual Integrations
APPROVED

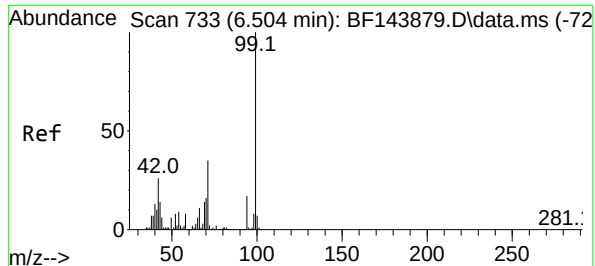
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#6
Aniline
Concen: 32.985 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

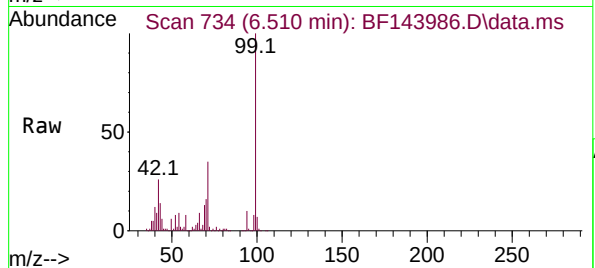
Tgt Ion: 93 Resp: 443773
Ion Ratio Lower Upper
93 100
66 43.7 33.0 49.6
65 21.9 15.8 23.8





#7
Phenol-d6
Concen: 117.269 ng
RT: 6.510 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

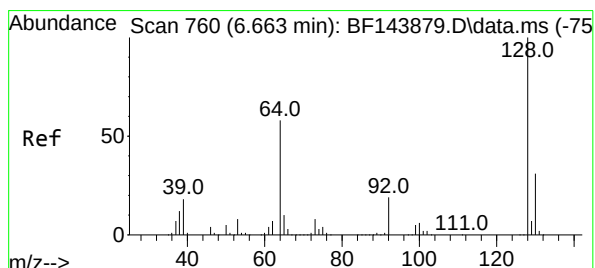
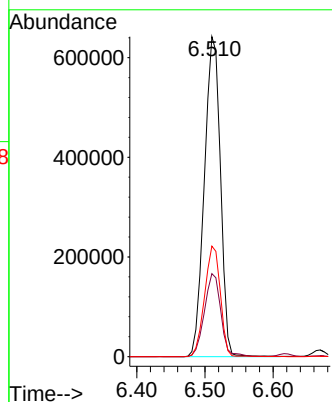
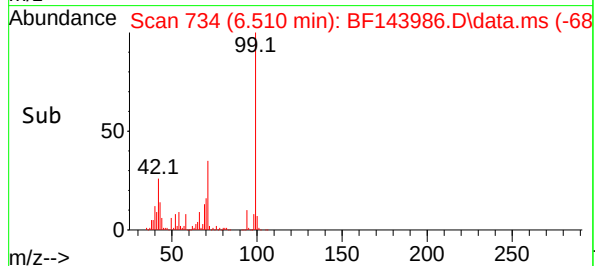
Instrument :
BNA_F
ClientSampleId :
PB170149BS



Tgt Ion: 99 Resp: 105286
Ion Ratio Lower Upper
99 100
42 25.9 21.0 31.4
71 34.5 27.8 41.8

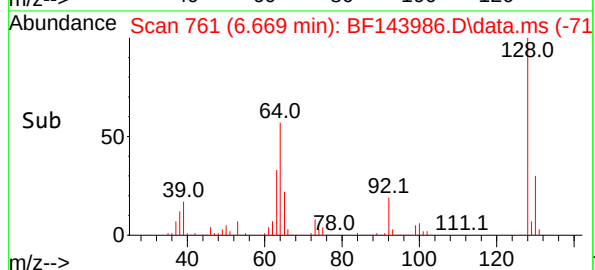
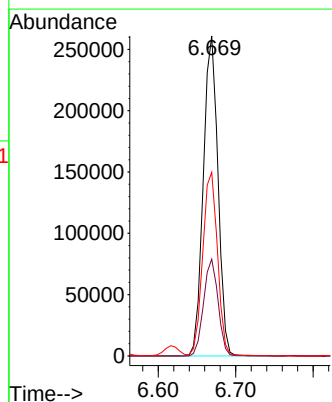
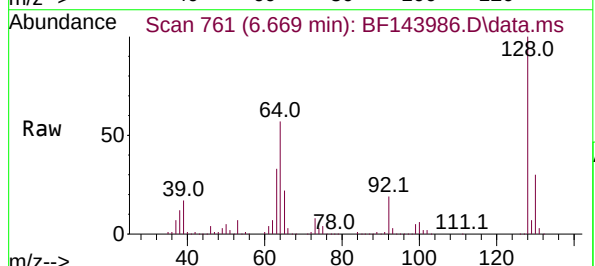
Manual Integrations
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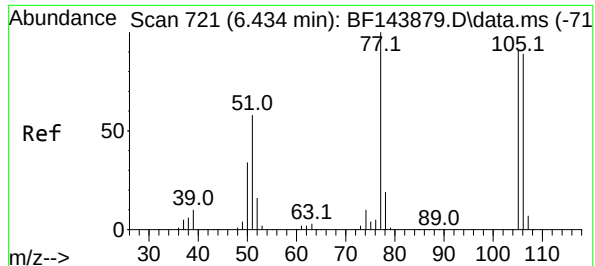
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#8
2-Chlorophenol
Concen: 46.579 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:128 Resp: 342953
Ion Ratio Lower Upper
128 100
130 30.2 10.7 50.7
64 57.4 39.0 79.0





#9

Benzaldehyde

Concen: 28.578 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion: 77 Resp: 197925

Ion Ratio Lower Upper

77 100

105 91.1 70.9 110.9

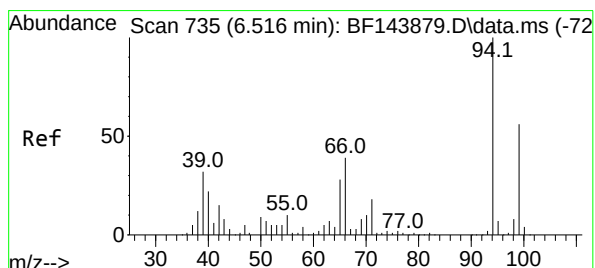
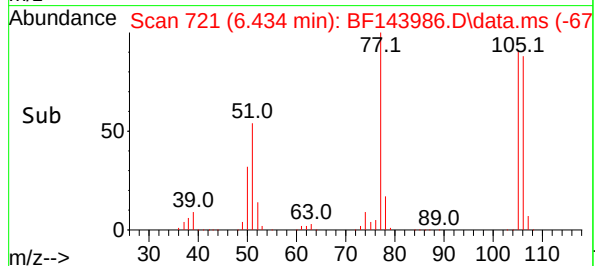
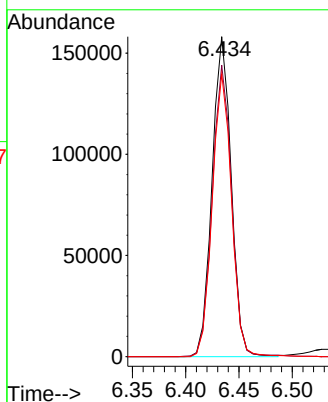
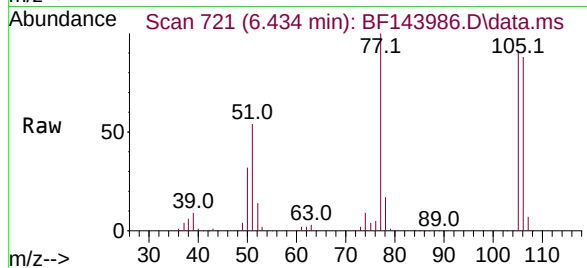
106 88.3 68.9 108.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#10

Phenol

Concen: 44.242 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

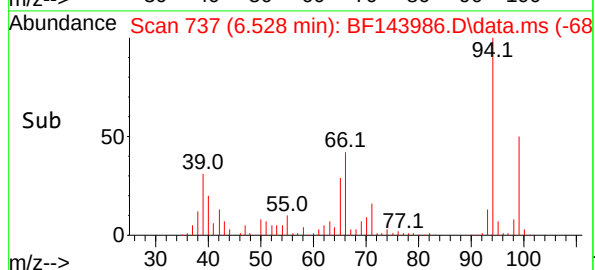
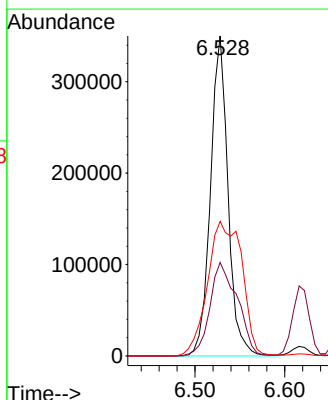
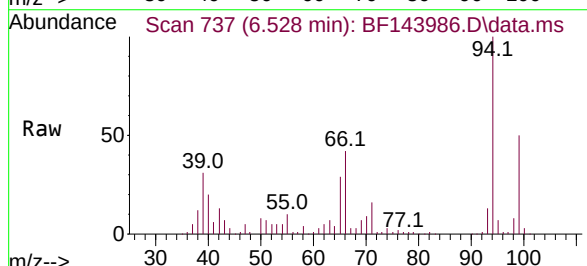
Tgt Ion: 94 Resp: 474884

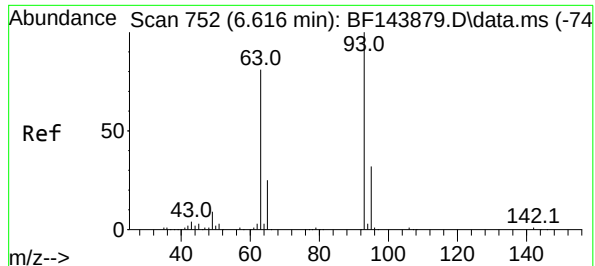
Ion Ratio Lower Upper

94 100

65 29.2 8.5 48.5

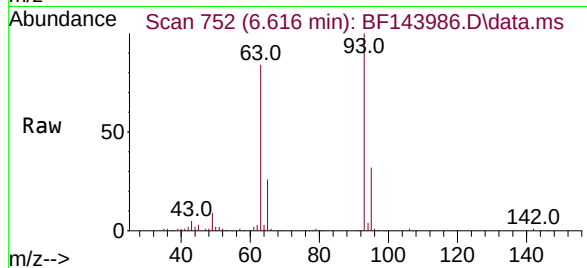
66 42.0 19.9 59.9





#11
bis(2-Chloroethyl)ether
Concen: 45.362 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

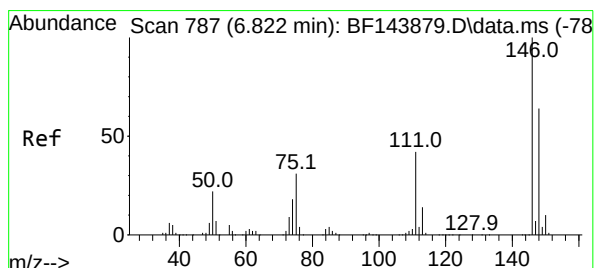
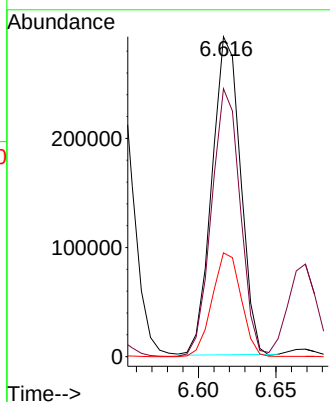
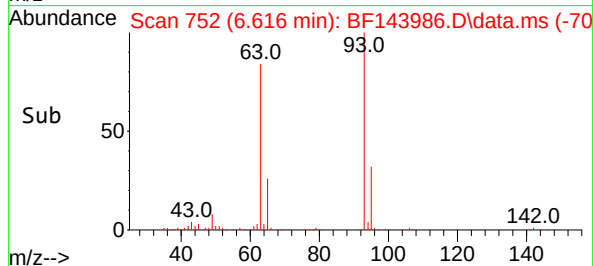
Instrument :
BNA_F
ClientSampleId :
PB170149BS



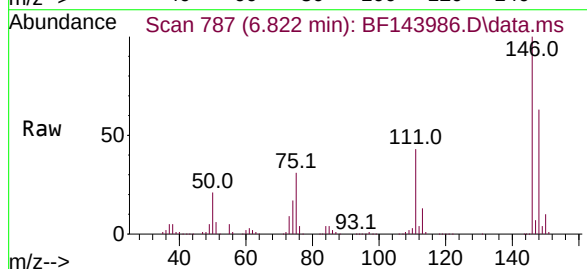
Tgt Ion: 93 Resp: 376125
Ion Ratio Lower Upper
93 100
63 83.7 60.9 100.9
95 32.4 11.5 51.5

Manual Integrations
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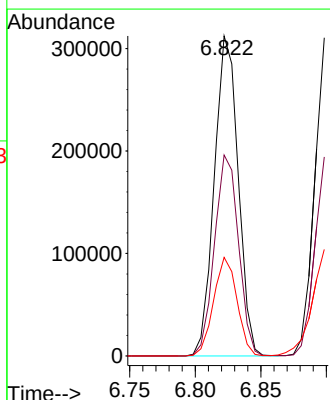
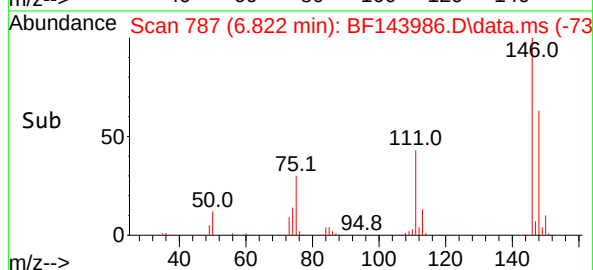
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

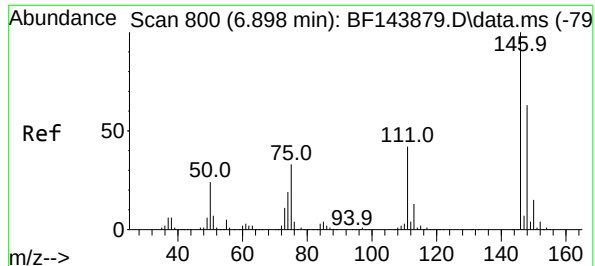


#12
1,3-Dichlorobenzene
Concen: 44.928 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40



Tgt Ion:146 Resp: 395974
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.4
75 30.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 45.700 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:146 Resp: 397304

Ion Ratio Lower Upper

146 100

148 62.5 50.5 75.7

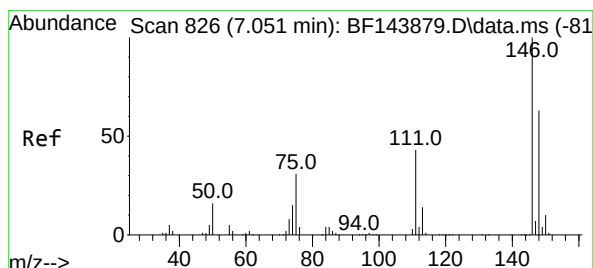
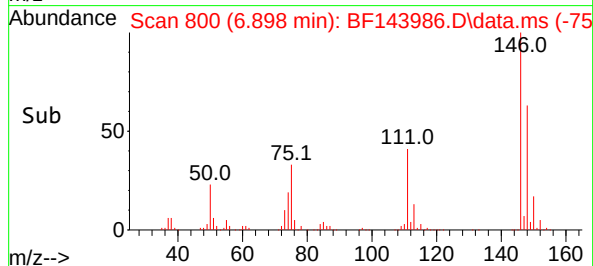
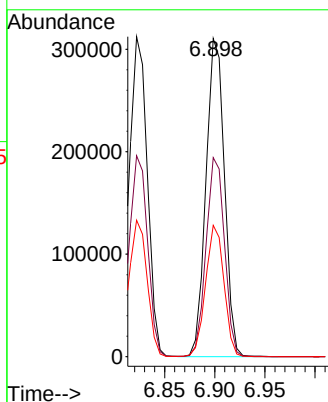
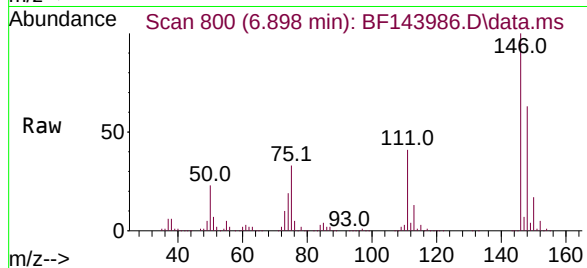
111 41.3 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#14

1,2-Dichlorobenzene

Concen: 46.338 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

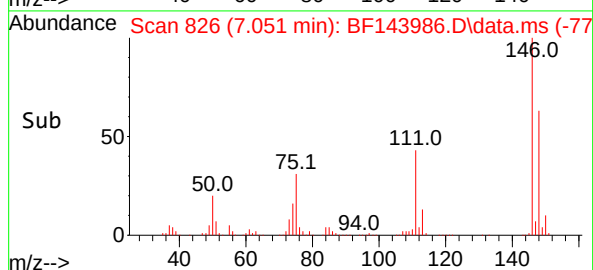
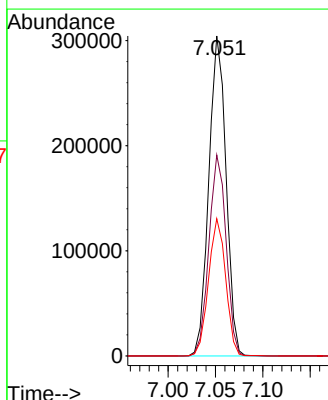
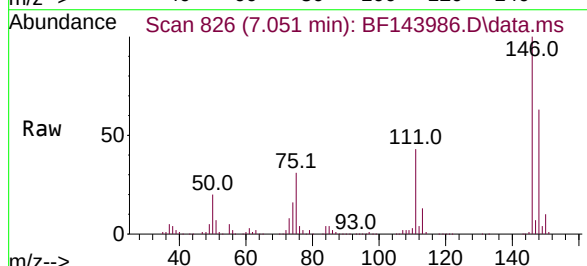
Tgt Ion:146 Resp: 385869

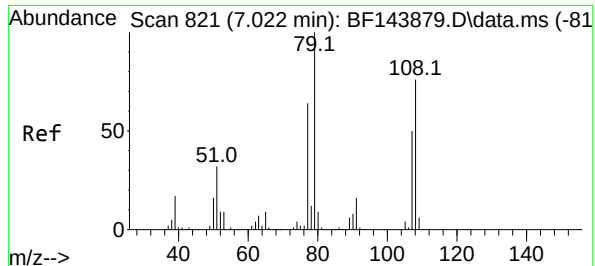
Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

111 42.9 34.6 51.8





#15

Benzyl Alcohol

Concen: 47.422 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion: 79 Resp: 31901

Ion Ratio Lower Upper

79 100

108 75.0 60.8 91.2

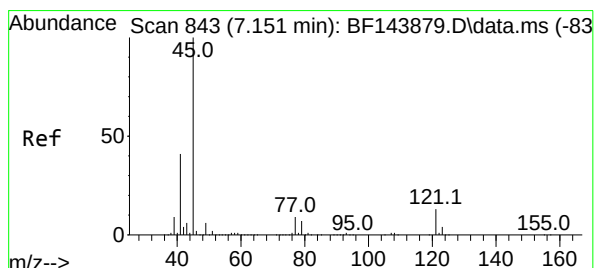
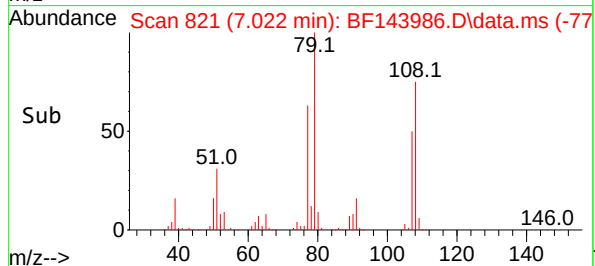
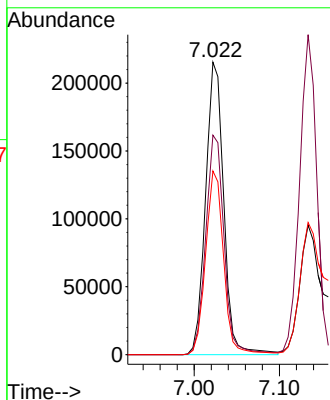
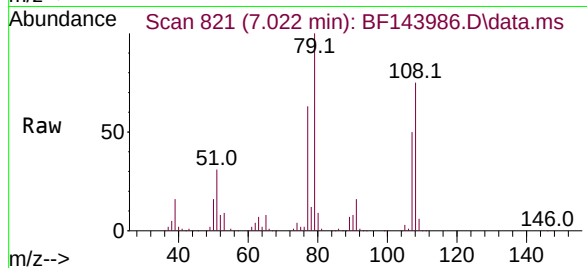
77 62.8 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.182 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

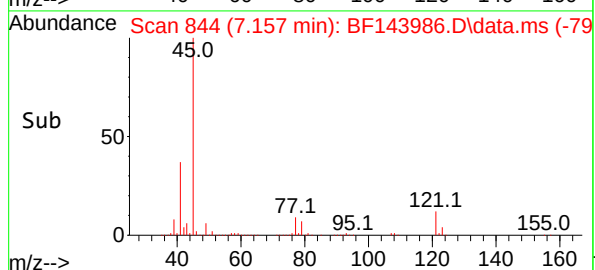
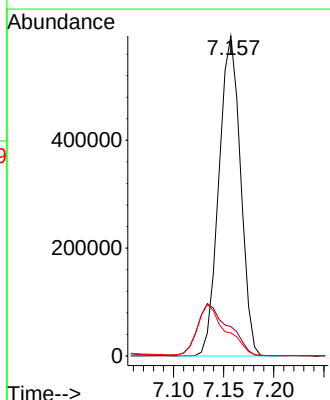
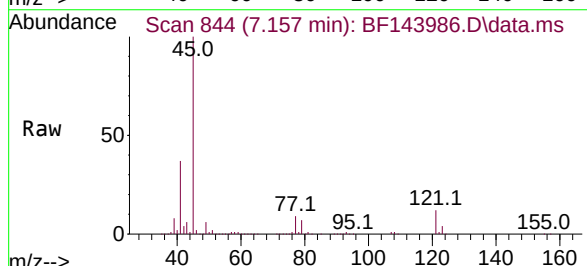
Tgt Ion: 45 Resp: 890500

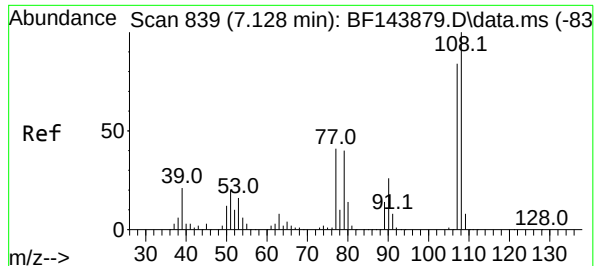
Ion Ratio Lower Upper

45 100

77 9.2 0.0 29.0

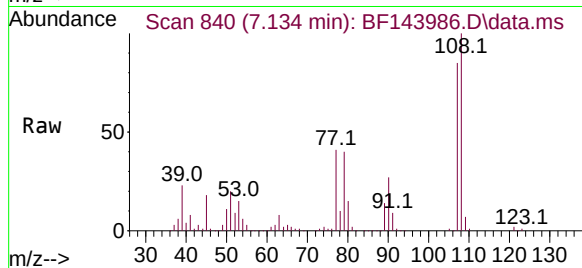
79 7.2 0.0 26.8





#17
2-Methylphenol
Concen: 45.912 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

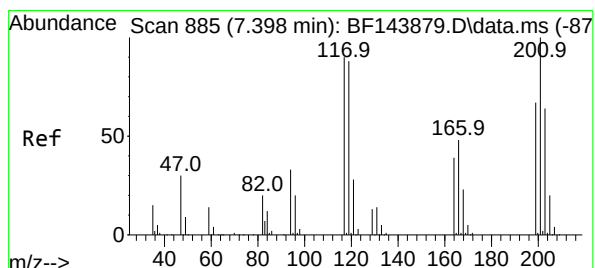
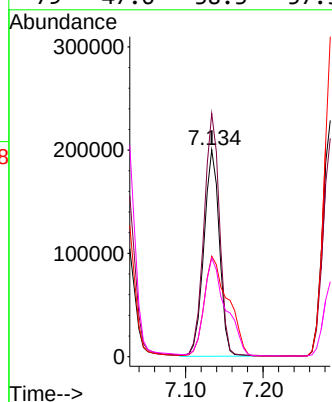
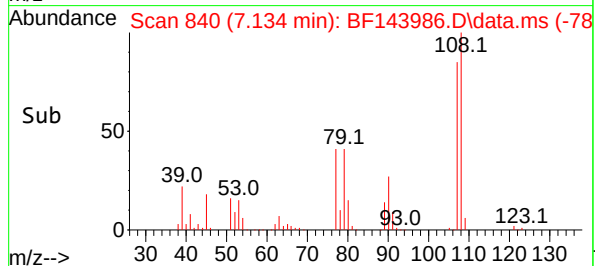
Instrument :
BNA_F
ClientSampleId :
PB170149BS



Tgt Ion:107 Resp: 279373
Ion Ratio Lower Upper
107 100
108 117.7 94.7 142.1
77 48.6 38.8 58.2
79 47.6 38.3 57.5

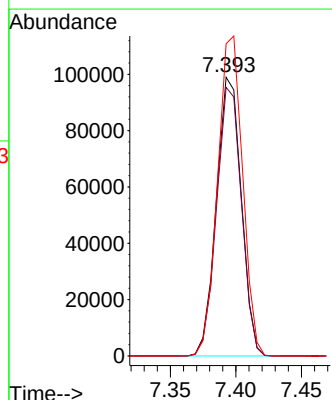
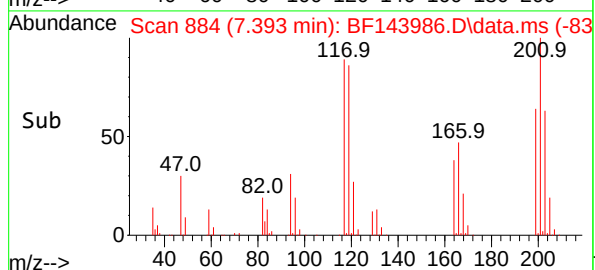
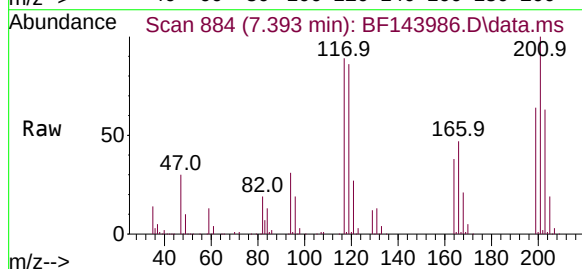
Manual Integrations
APPROVED

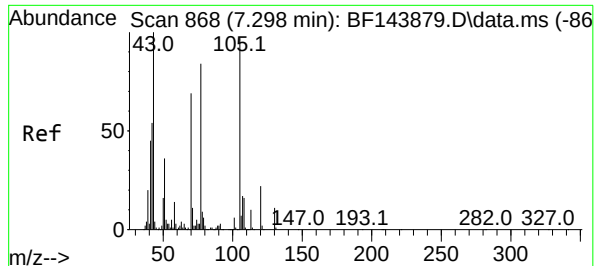
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#18
Hexachloroethane
Concen: 45.158 ng
RT: 7.393 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:117 Resp: 130930
Ion Ratio Lower Upper
117 100
119 96.4 77.8 116.8
201 112.0 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.822 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion: 70 Resp: 263165

Ion Ratio Lower Upper

70 100

42 77.0 62.8 94.2

101 8.2 6.7 10.1

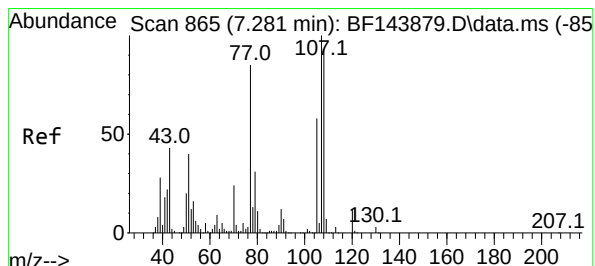
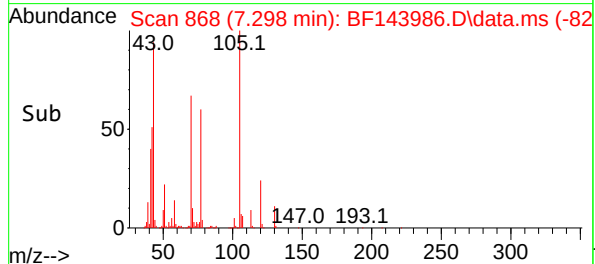
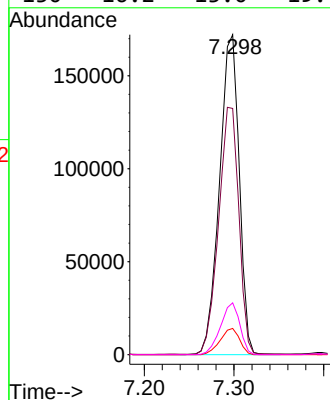
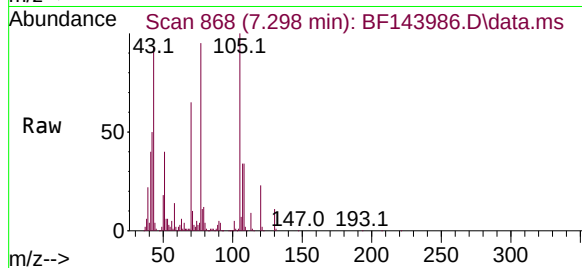
130 16.2 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#20

3+4-Methylphenols

Concen: 43.402 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Tgt Ion:107 Resp: 306085

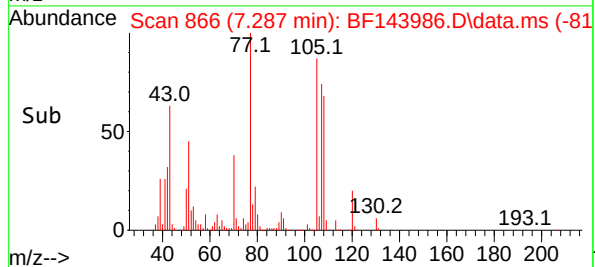
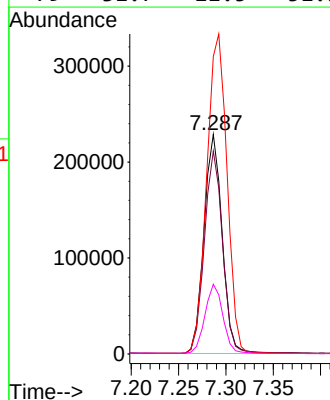
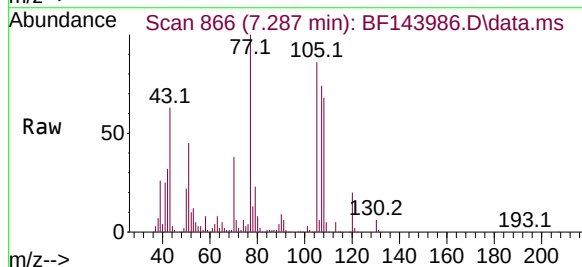
Ion Ratio Lower Upper

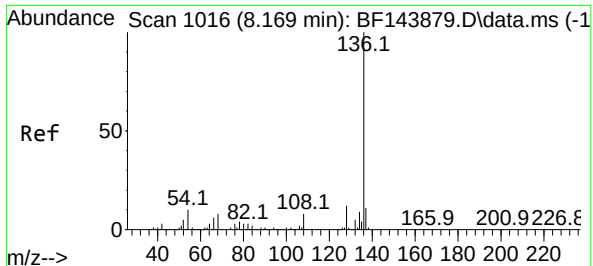
107 100

108 92.4 73.0 113.0

77 135.5 64.6 104.6#

79 31.7 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:136 Resp: 46964

Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.0 8.2 12.4

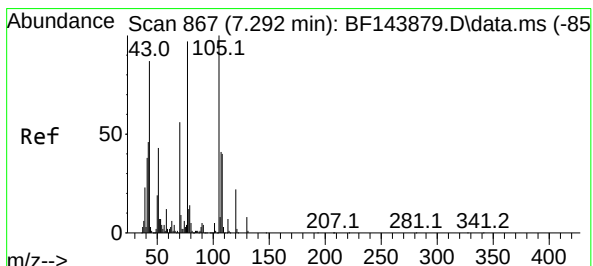
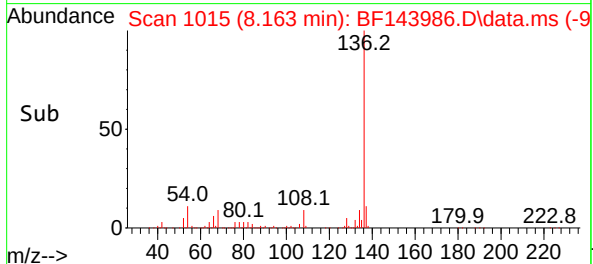
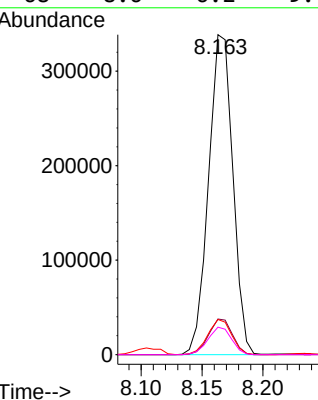
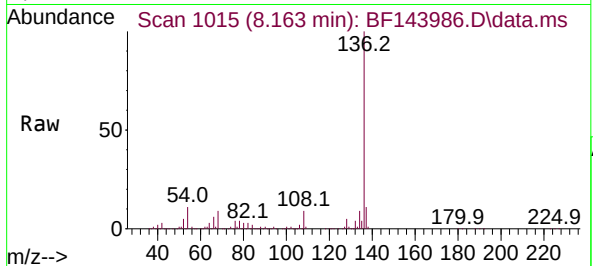
68 8.6 6.2 9.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#22

Acetophenone

Concen: 46.701 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Tgt Ion:105 Resp: 463756

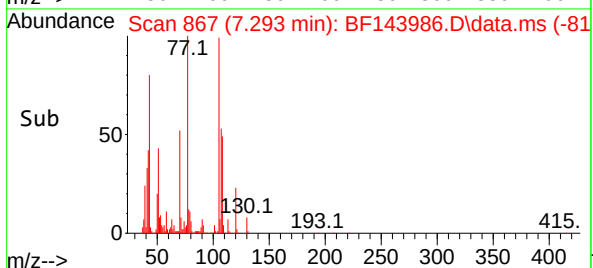
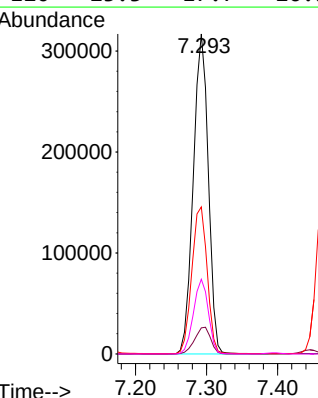
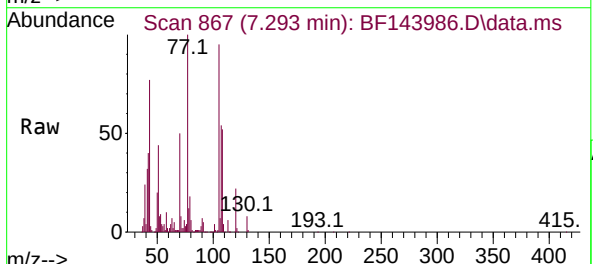
Ion Ratio Lower Upper

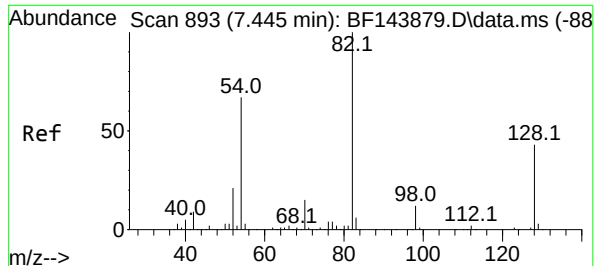
105 100

71 8.1 7.4 11.0

51 45.9 34.2 51.4

120 23.3 17.7 26.5





#23

Nitrobenzene-d5

Concen: 85.992 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion: 82 Resp: 66472

Ion Ratio Lower Upper

82 100

128 42.7 34.0 51.0

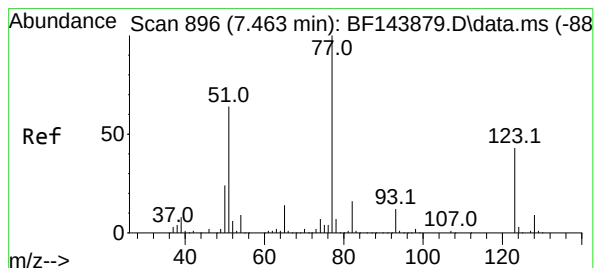
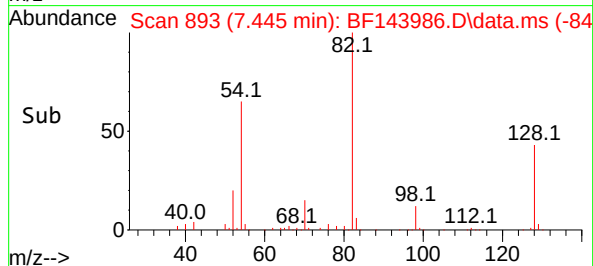
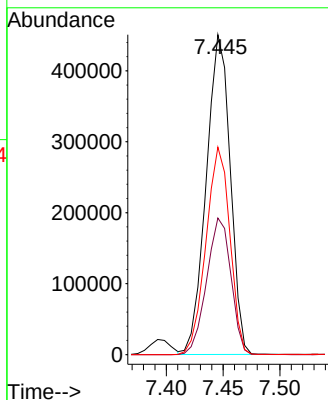
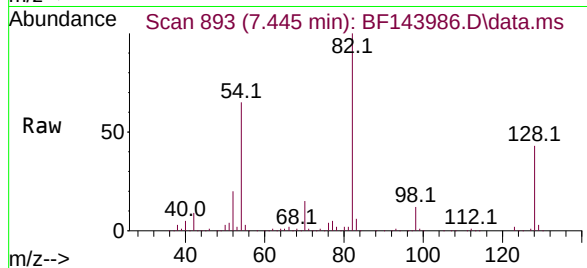
54 64.8 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#24

Nitrobenzene

Concen: 46.607 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

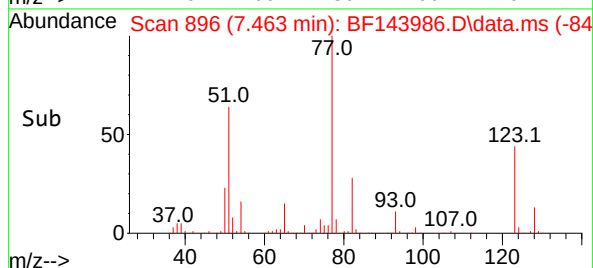
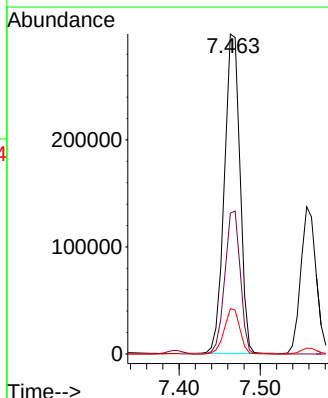
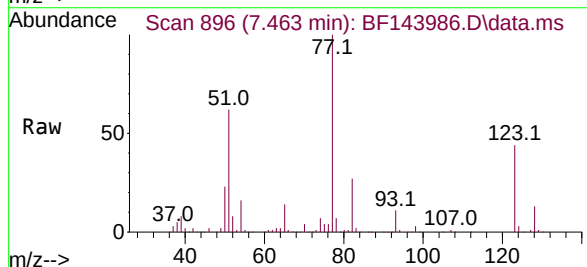
Tgt Ion: 77 Resp: 400095

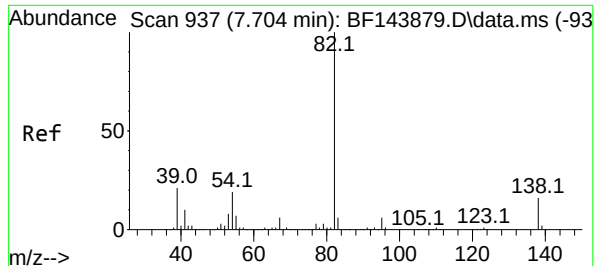
Ion Ratio Lower Upper

77 100

123 44.0 34.2 51.4

65 14.1 11.0 16.6





#25

Isophorone

Concen: 45.111 ng

RT: 7.704 min Scan# 937

Delta R.T. -0.017 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion: 82 Resp: 735284

Ion Ratio Lower Upper

82 100

95 6.3 5.1 7.7

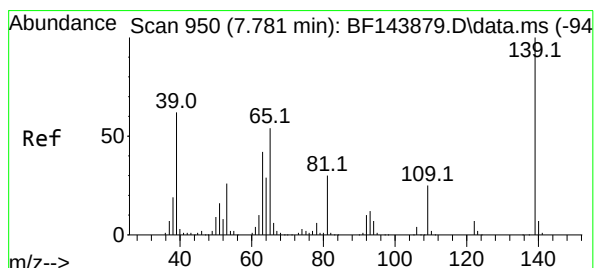
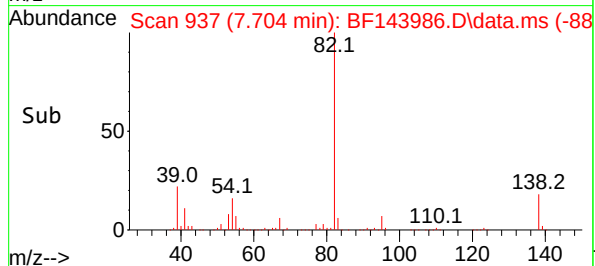
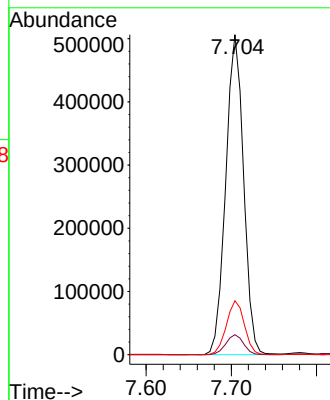
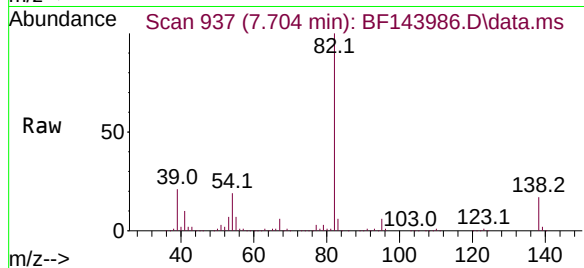
138 16.8 12.9 19.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#26

2-Nitrophenol

Concen: 52.778 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

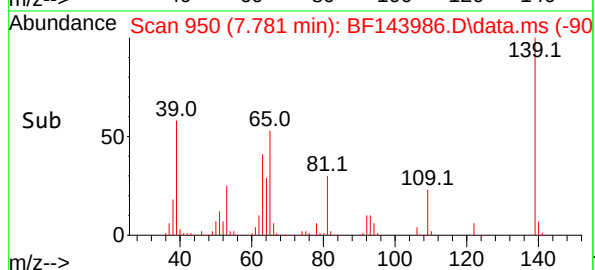
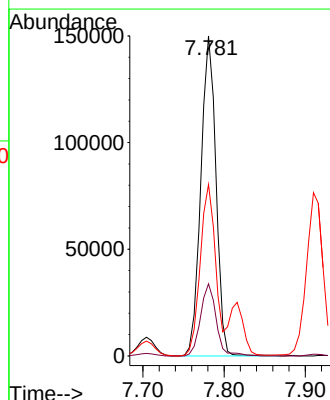
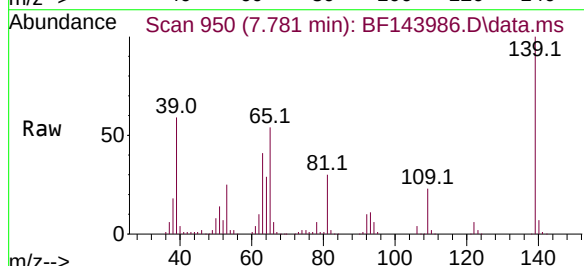
Tgt Ion:139 Resp: 194242

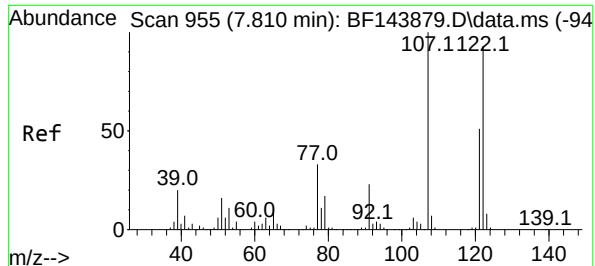
Ion Ratio Lower Upper

139 100

109 22.6 19.8 29.6

65 53.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 48.865 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:122 Resp: 323512

Ion Ratio Lower Upper

122 100

107 105.0 86.1 129.1

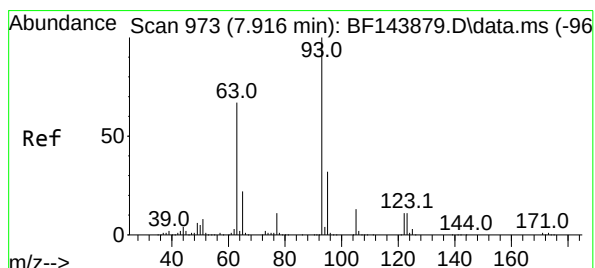
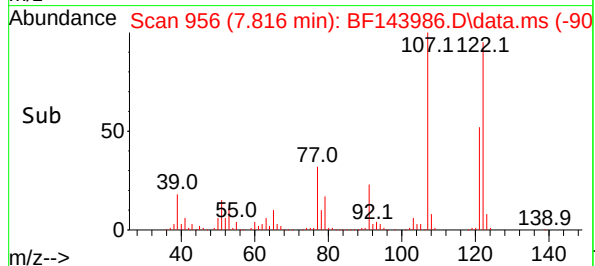
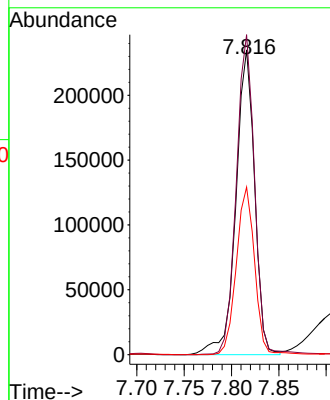
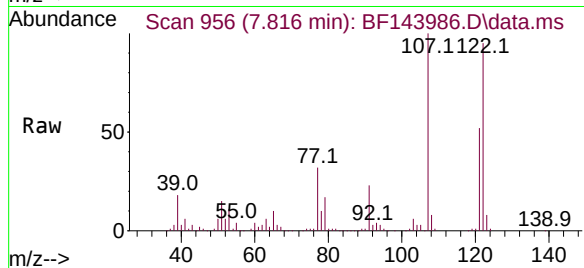
121 55.0 43.8 65.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#28

bis(2-Chloroethoxy)methane

Concen: 45.230 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

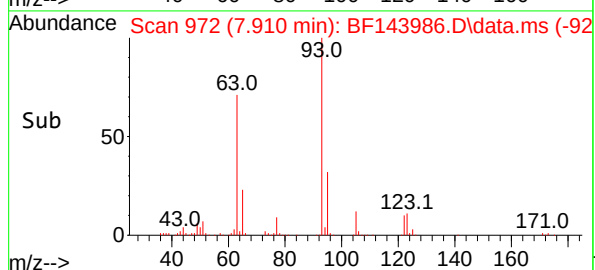
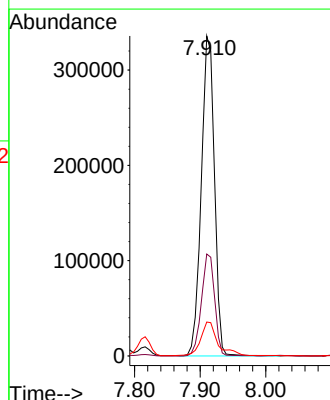
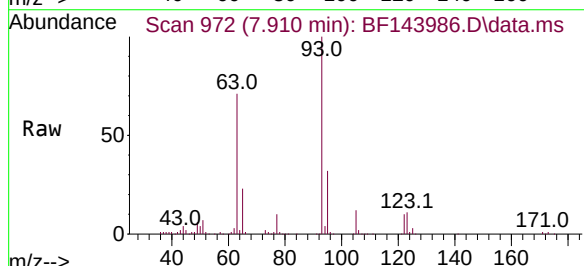
Tgt Ion: 93 Resp: 465686

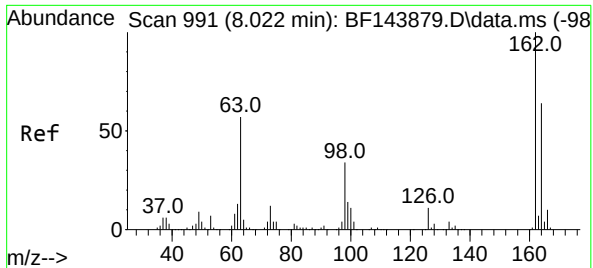
Ion Ratio Lower Upper

93 100

95 31.8 25.9 38.9

123 10.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.770 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:162 Resp: 301846

Ion Ratio Lower Upper

162 100

164 65.1 43.9 83.9

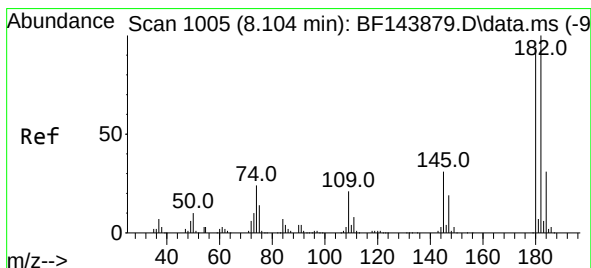
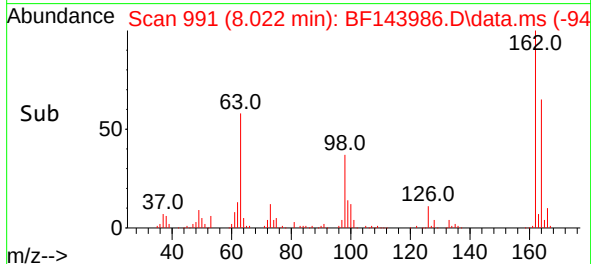
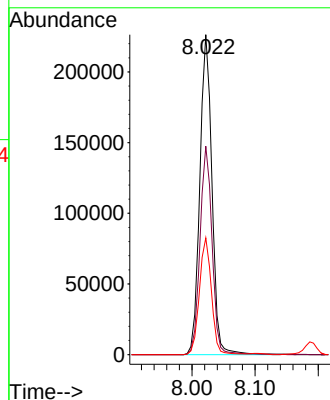
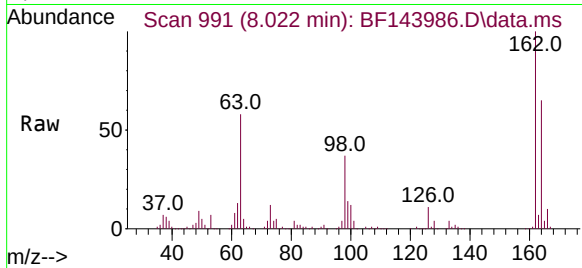
98 36.5 14.4 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#30

1,2,4-Trichlorobenzene

Concen: 46.787 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

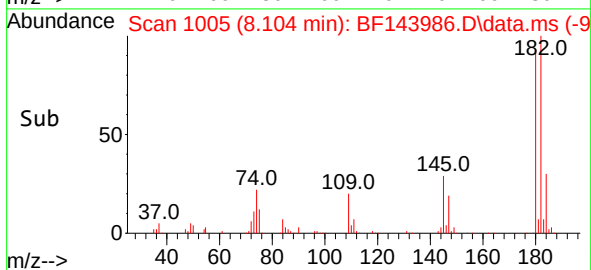
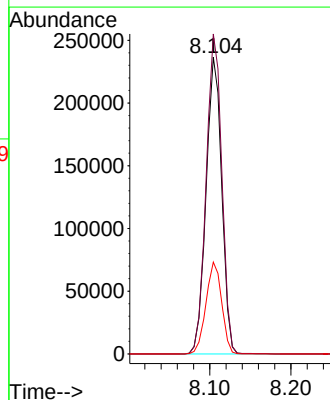
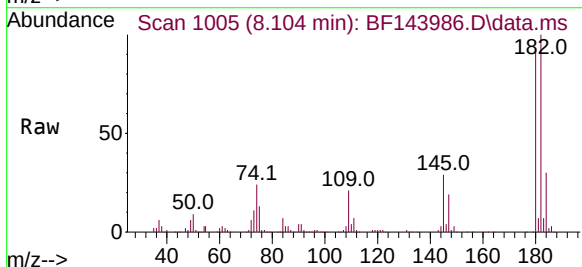
Tgt Ion:180 Resp: 317324

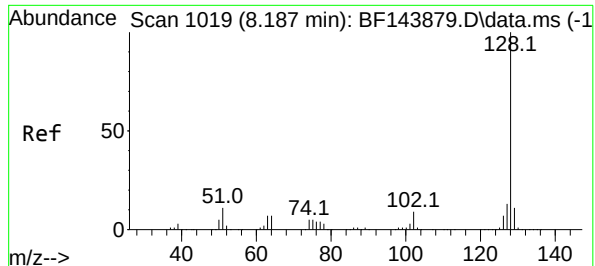
Ion Ratio Lower Upper

180 100

182 107.8 85.4 128.0

145 31.0 26.3 39.5





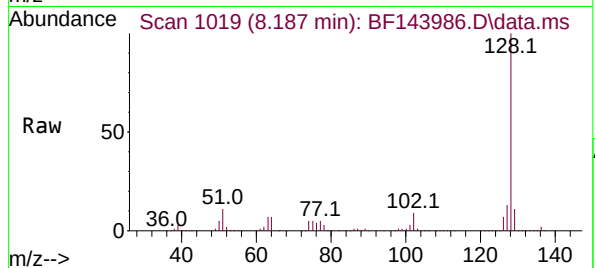
#31
Naphthalene
Concen: 43.411 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

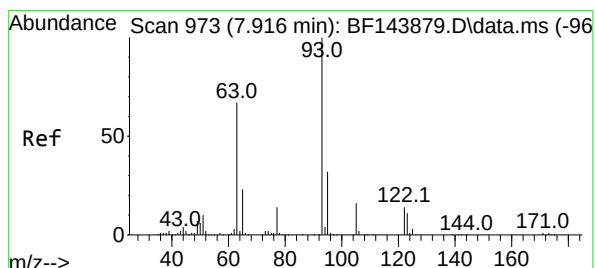
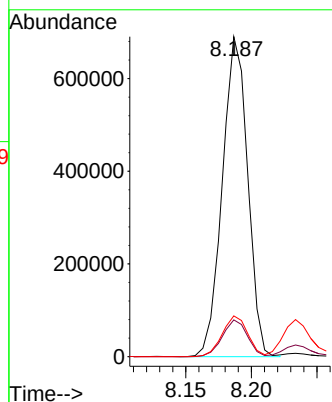
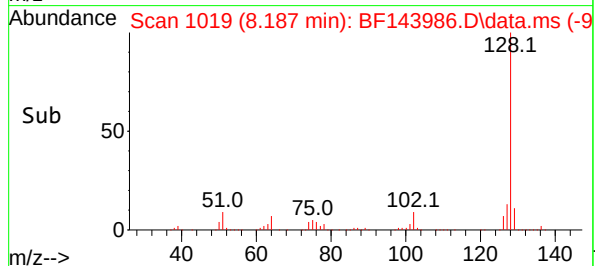


Tgt Ion:128 Resp: 927411
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 12.7 10.0 15.0

Manual Integrations

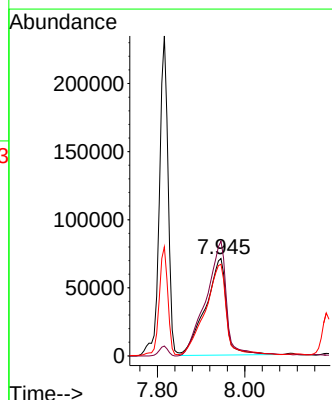
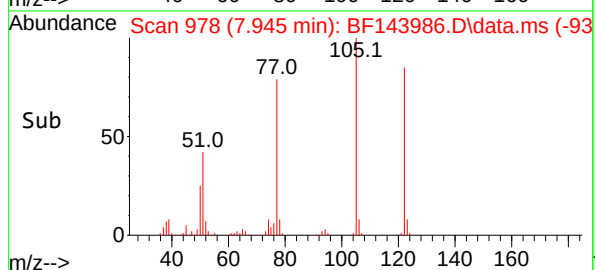
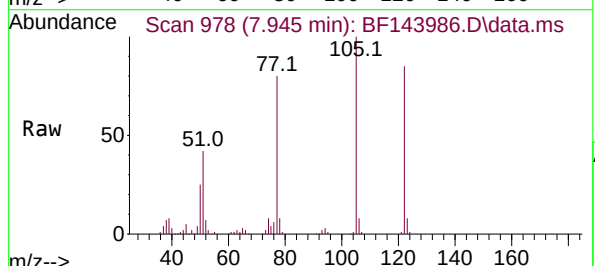
APPROVED

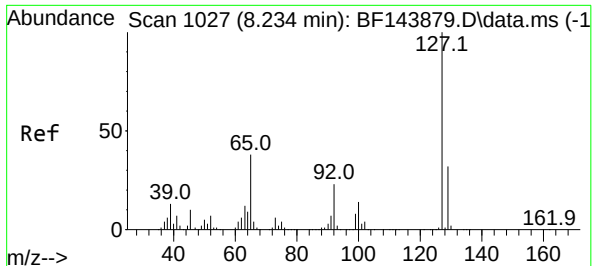
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#32
Benzoic acid
Concen: 51.594 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.017 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:122 Resp: 236400
Ion Ratio Lower Upper
122 100
105 117.7 93.5 133.5
77 94.0 76.3 116.3





#33

4-Chloroaniline

Concen: 16.223 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:127 Resp: 129982

Ion Ratio Lower Upper

127 100

129 31.4 25.8 38.8

65 36.0 30.0 45.0

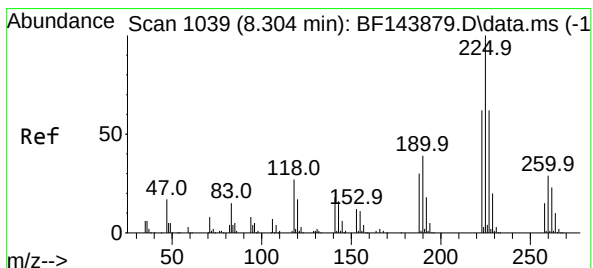
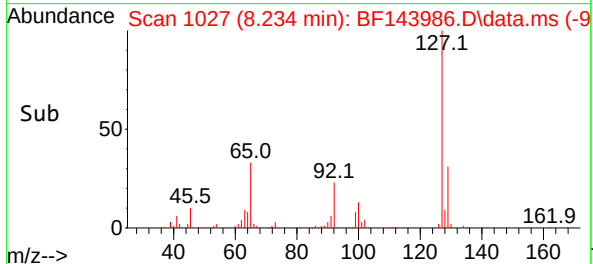
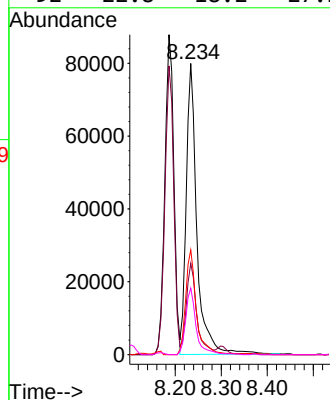
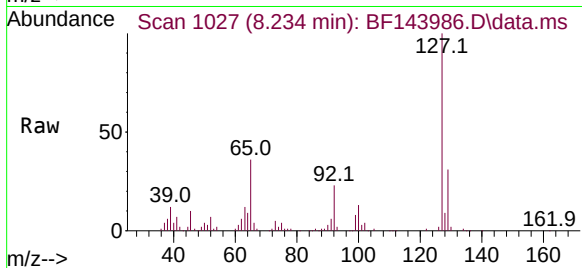
92 22.8 18.2 27.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#34

Hexachlorobutadiene

Concen: 44.849 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

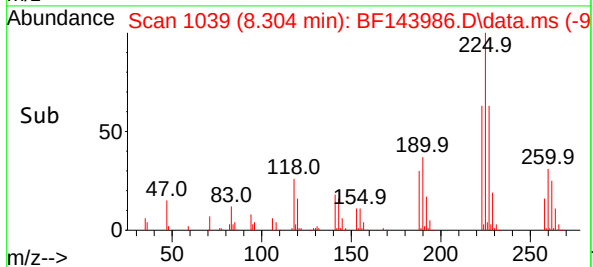
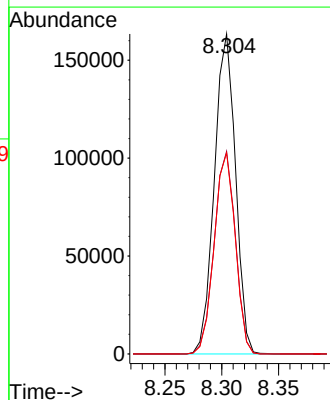
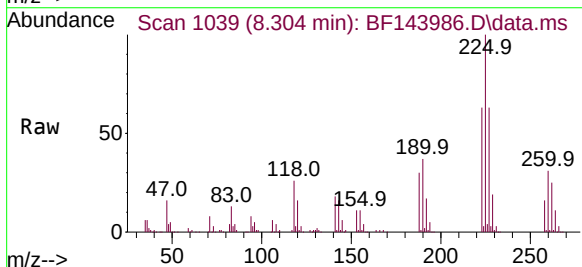
Tgt Ion:225 Resp: 211371

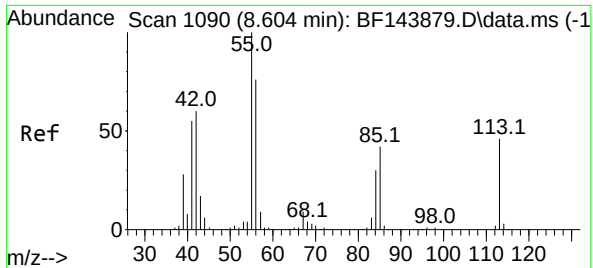
Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.2

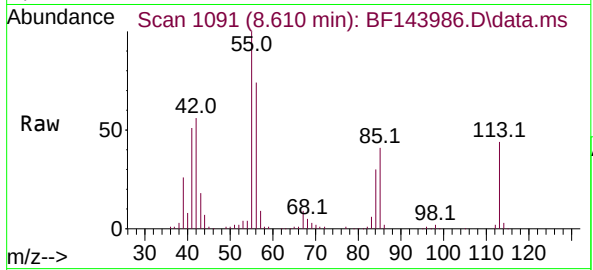
227 62.8 49.7 74.5





#35
Caprolactam
Concen: 45.780 ng m
RT: 8.610 min Scan# 1090
Delta R.T. -0.035 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

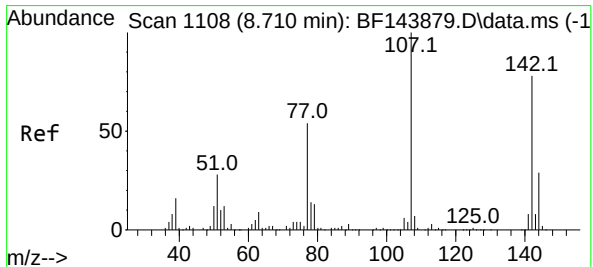
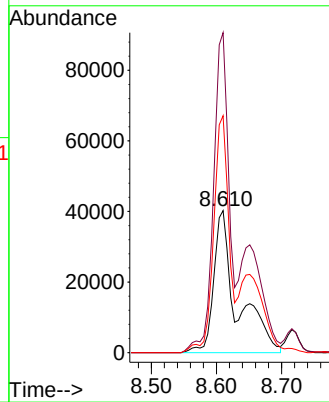
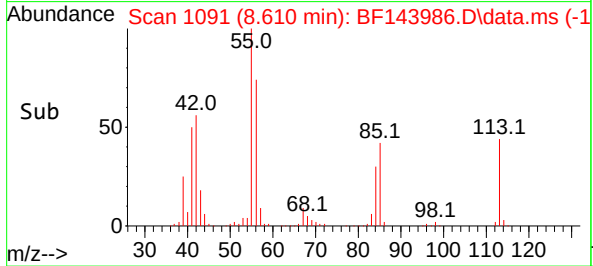
Instrument :
BNA_F
ClientSampleId :
PB170149BS



Tgt Ion:113 Resp: 100382
Ion Ratio Lower Upper
113 100
55 225.3 199.6 239.6
56 166.8 146.0 186.0

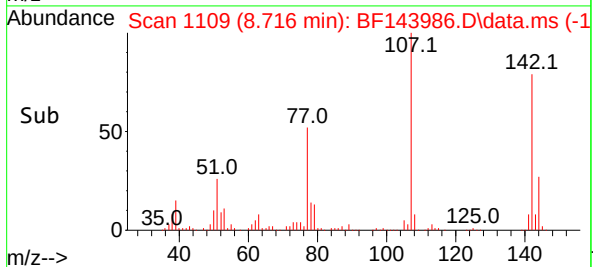
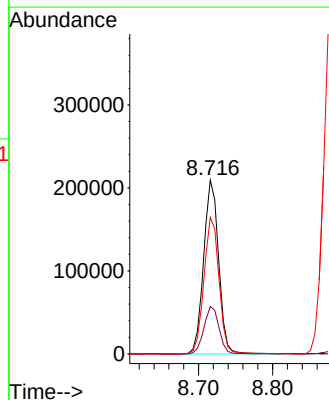
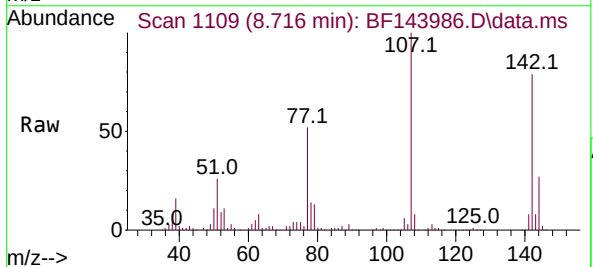
Manual Integrations
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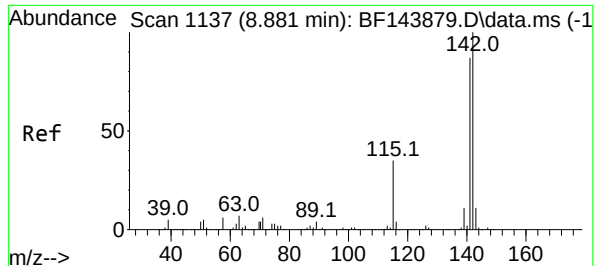
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#36
4-Chloro-3-methylphenol
Concen: 44.450 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:107 Resp: 294449
Ion Ratio Lower Upper
107 100
144 27.3 23.1 34.7
142 78.5 62.6 94.0





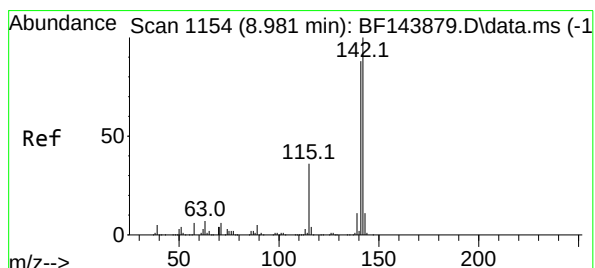
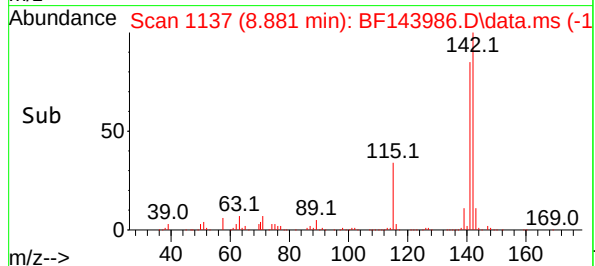
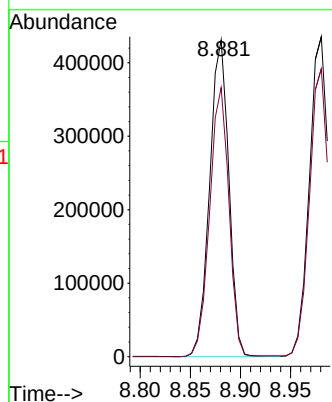
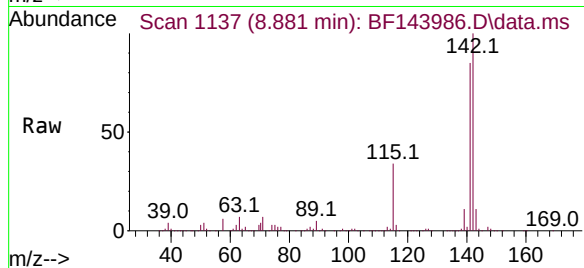
#37
2-Methylnaphthalene
Concen: 40.280 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Instrument :
BNA_F
ClientSampleId :
PB170149BS

Tgt Ion:142 Resp: 573213
Ion Ratio Lower Upper
142 100
141 84.9 69.2 103.8

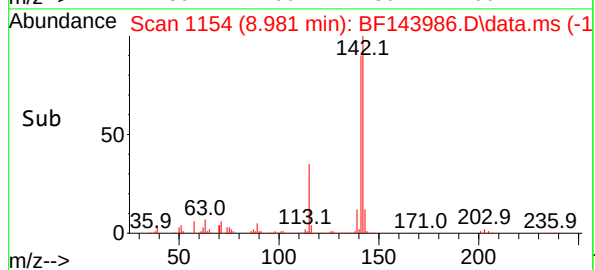
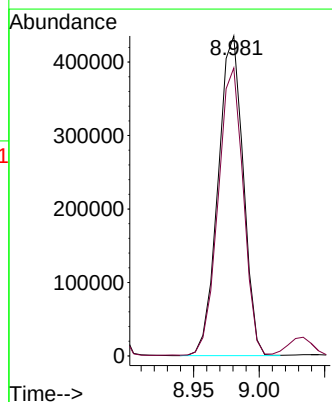
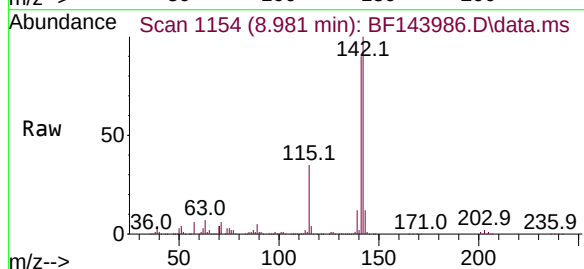
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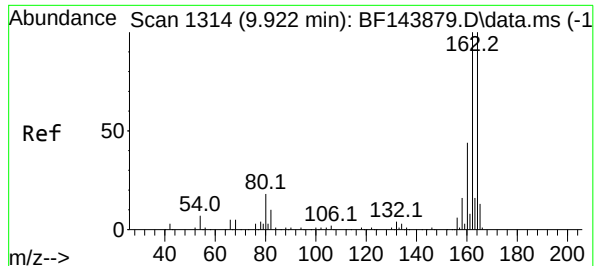
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#38
1-Methylnaphthalene
Concen: 42.151 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:142 Resp: 581830
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:164 Resp: 25376

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

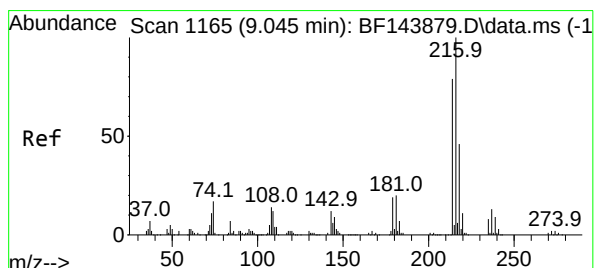
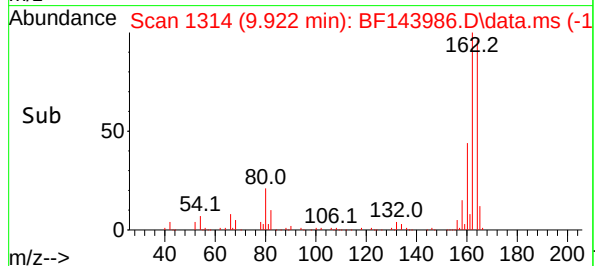
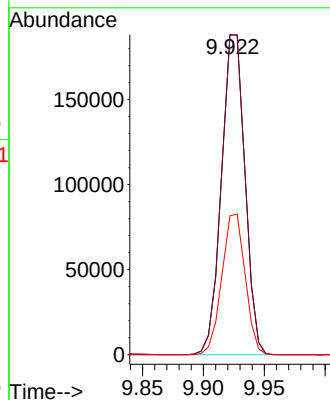
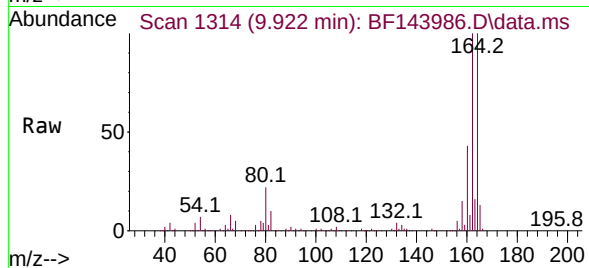
160 43.4 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.414 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Tgt Ion:216 Resp: 339557

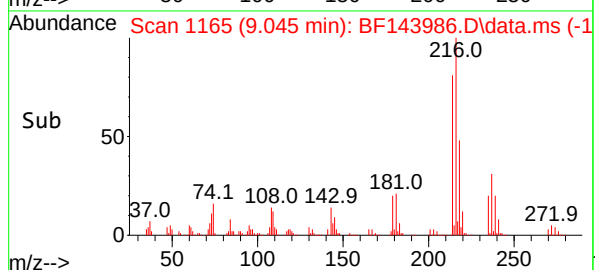
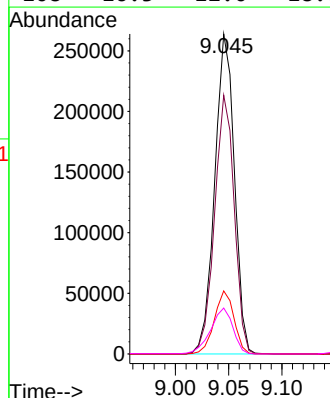
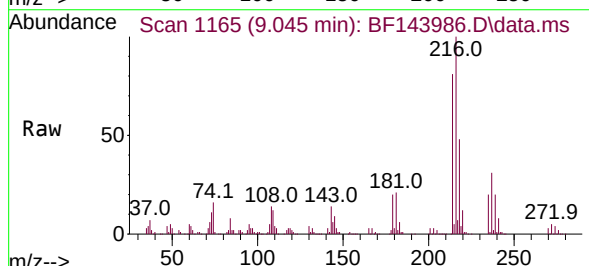
Ion Ratio Lower Upper

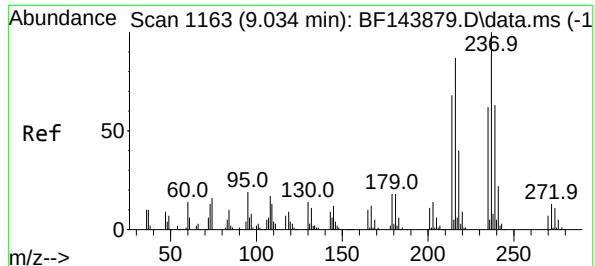
216 100

214 80.7 62.6 94.0

179 19.6 15.4 23.0

108 16.3 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 114.047 ng

RT: 9.034 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:237 Resp: 331838

Ion Ratio Lower Upper

237 100

235 62.1 42.3 82.3

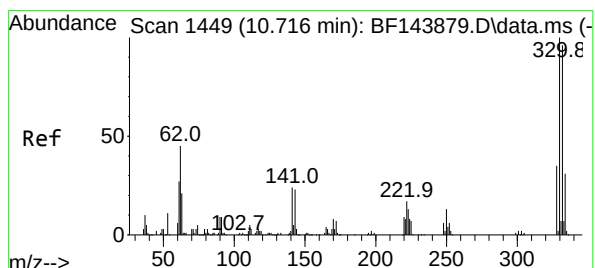
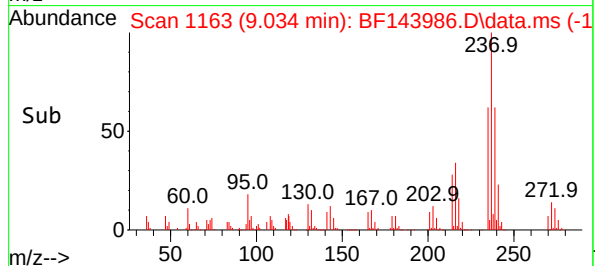
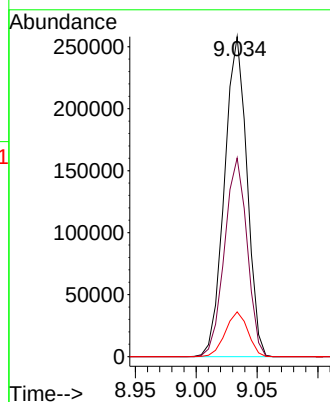
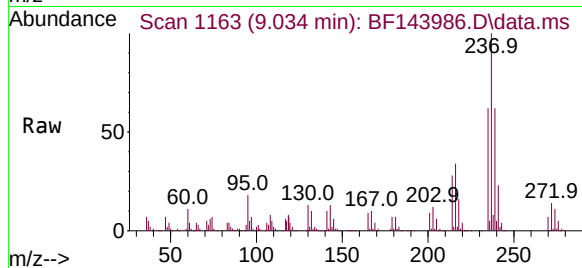
272 14.0 0.0 33.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#42

2,4,6-Tribromophenol

Concen: 127.914 ng

RT: 10.722 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

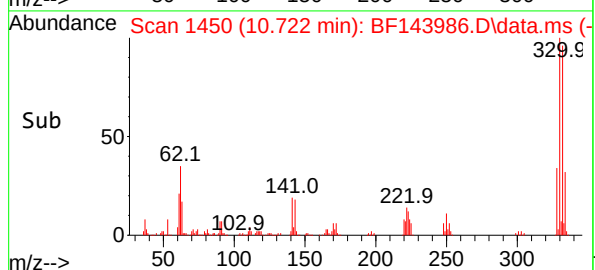
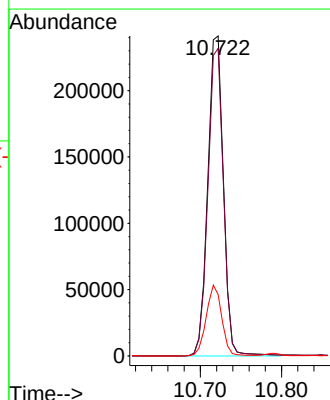
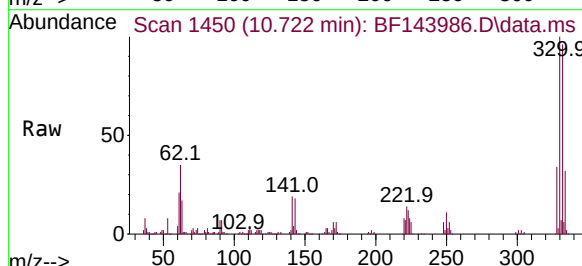
Tgt Ion:330 Resp: 323303

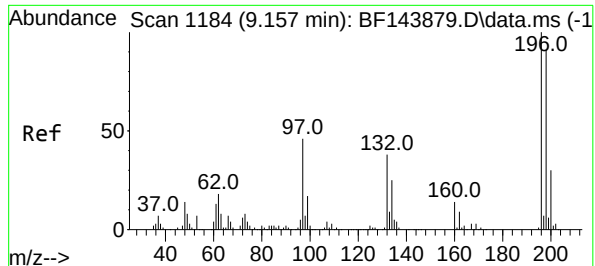
Ion Ratio Lower Upper

330 100

332 95.5 76.9 115.3

141 22.0 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 43.922 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:196 Resp: 225079

Ion Ratio Lower Upper

196 100

198 95.8 72.8 109.2

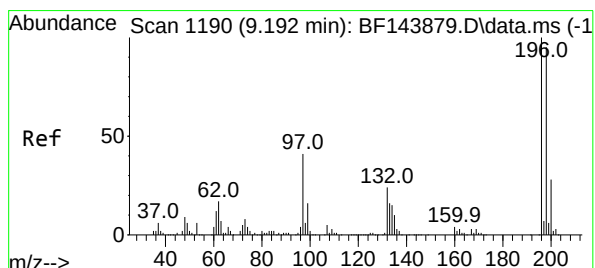
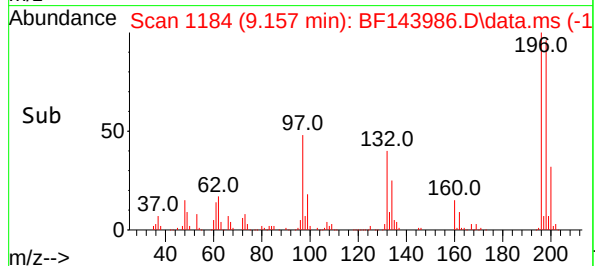
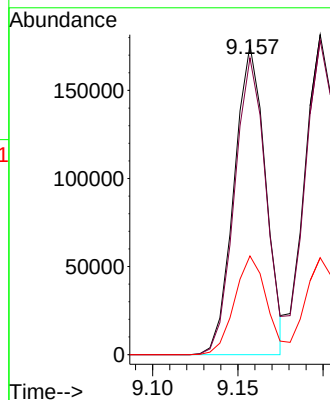
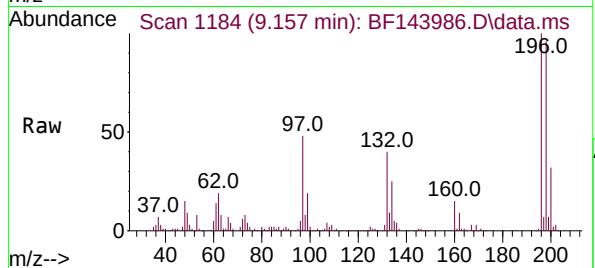
200 31.9 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#44

2,4,5-Trichlorophenol

Concen: 44.731 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Tgt Ion:196 Resp: 242240

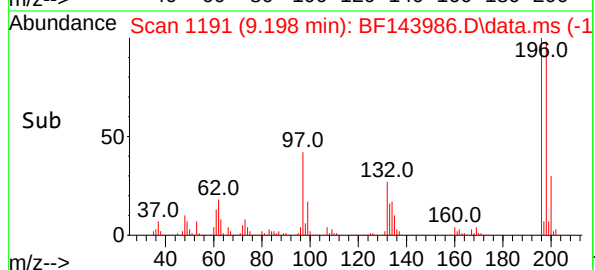
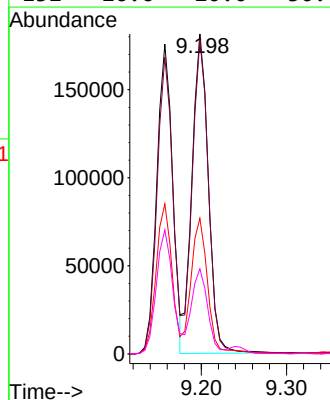
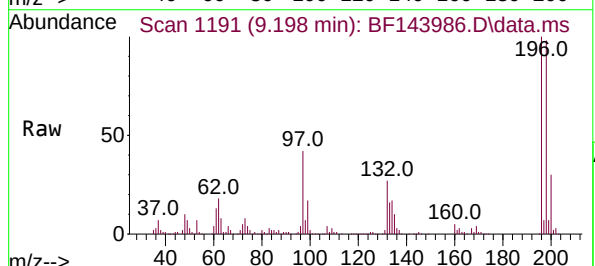
Ion Ratio Lower Upper

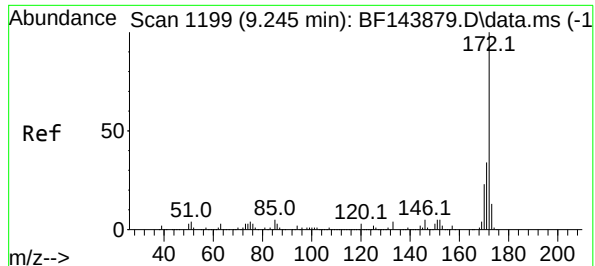
196 100

198 98.2 75.5 113.3

97 42.4 33.9 50.9

132 26.6 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 77.697 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:172 Resp: 1242585

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

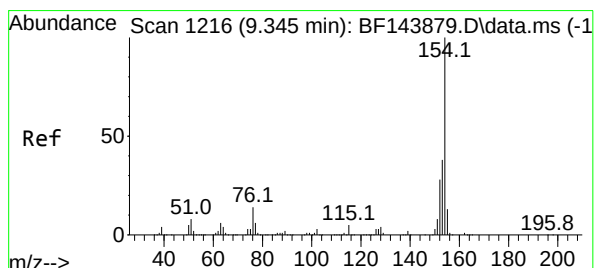
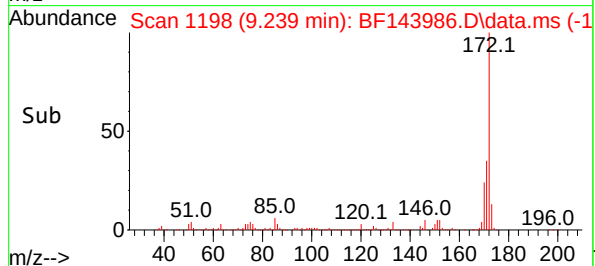
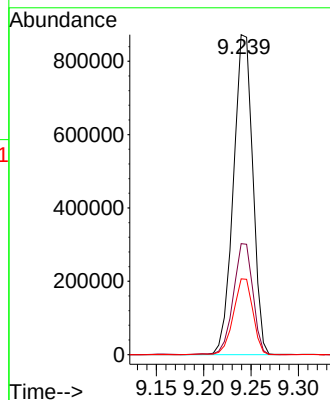
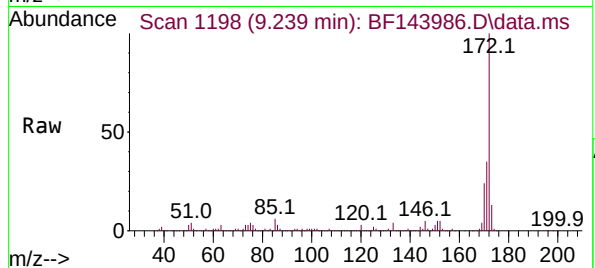
170 23.7 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#46

1,1'-Biphenyl

Concen: 47.786 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

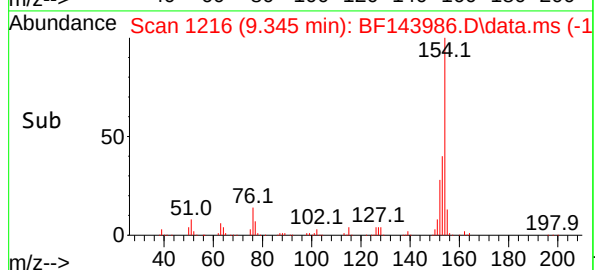
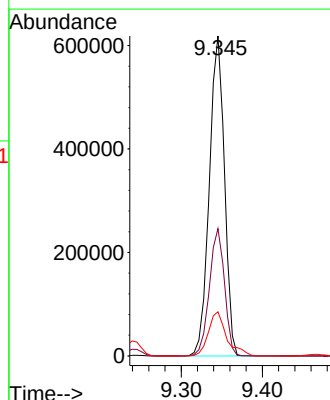
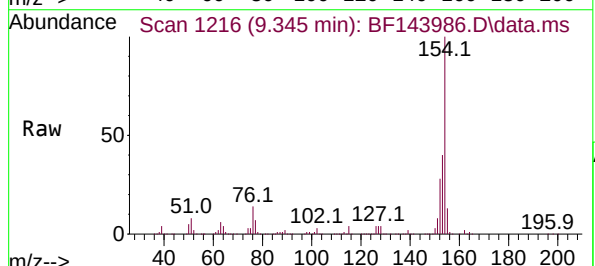
Tgt Ion:154 Resp: 802867

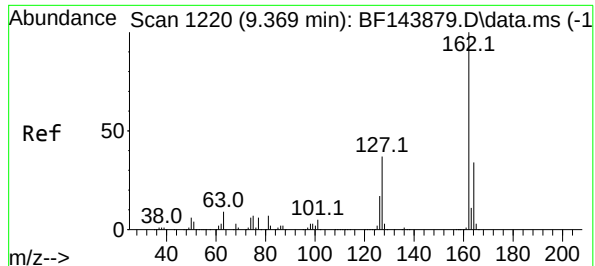
Ion Ratio Lower Upper

154 100

153 39.8 18.4 58.4

76 13.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 44.071 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:162 Resp: 617349

Ion Ratio Lower Upper

162 100

127 36.1 30.2 45.2

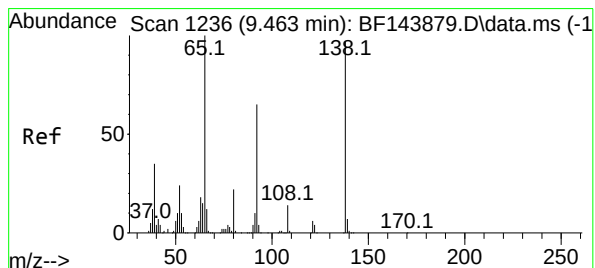
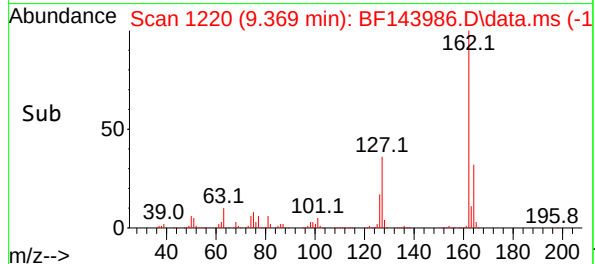
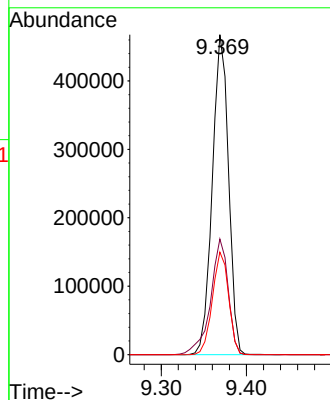
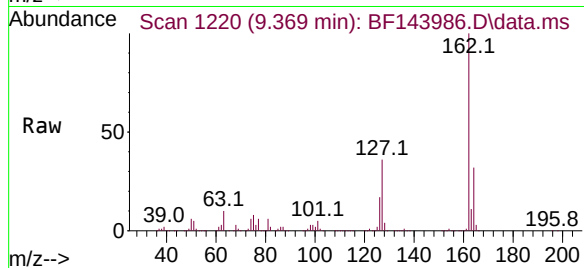
164 32.0 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#48

2-Nitroaniline

Concen: 48.950 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

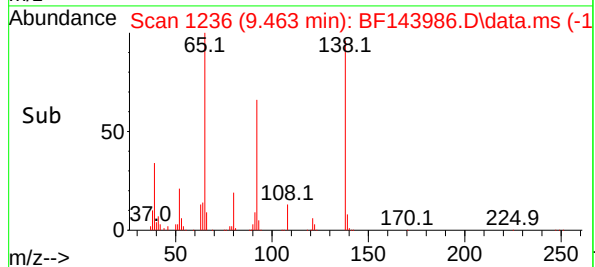
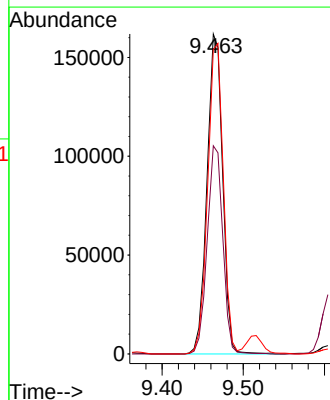
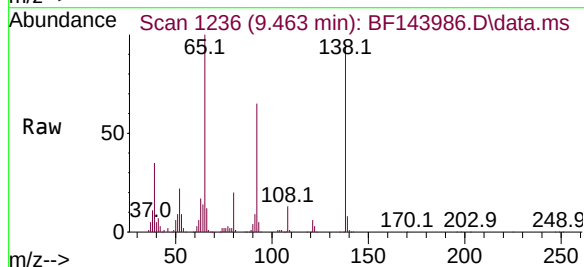
Tgt Ion: 65 Resp: 216788

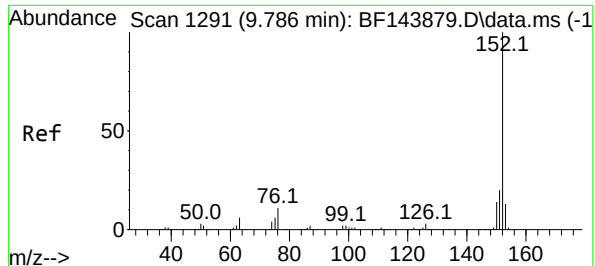
Ion Ratio Lower Upper

65 100

92 65.0 52.1 78.1

138 95.1 77.4 116.2





#49

Acenaphthylene

Concen: 48.881 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:152 Resp: 962639

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

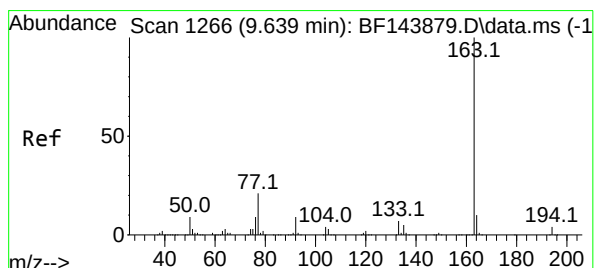
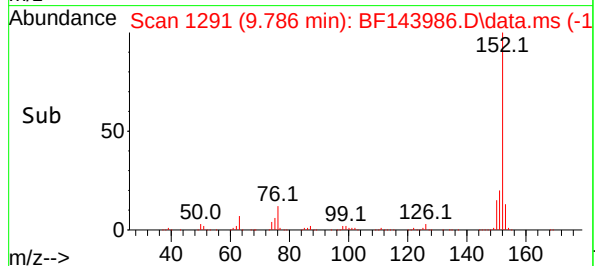
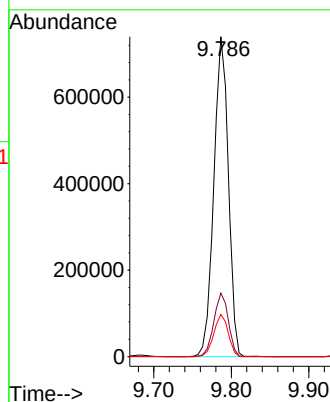
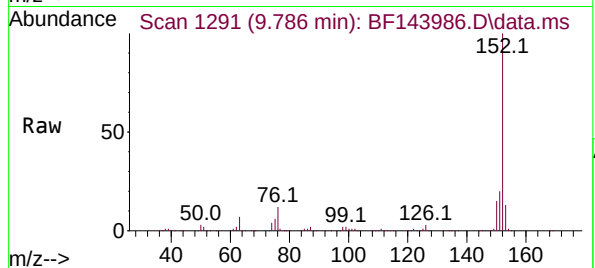
153 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#50

Dimethylphthalate

Concen: 45.202 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

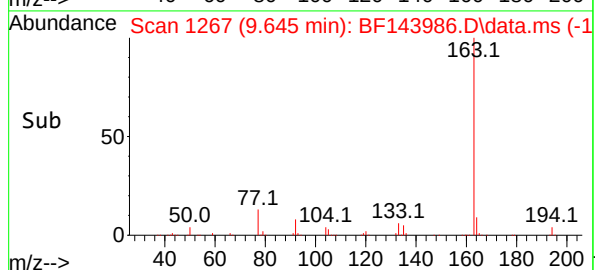
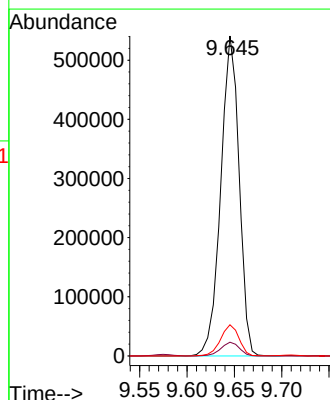
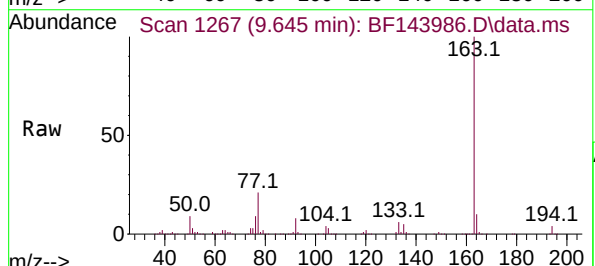
Tgt Ion:163 Resp: 728428

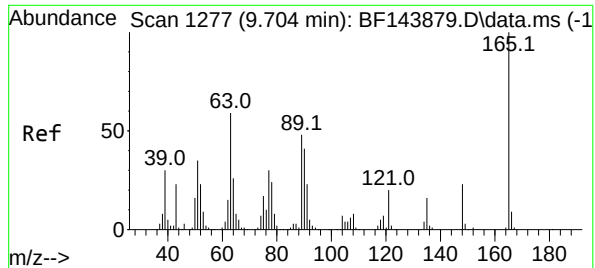
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

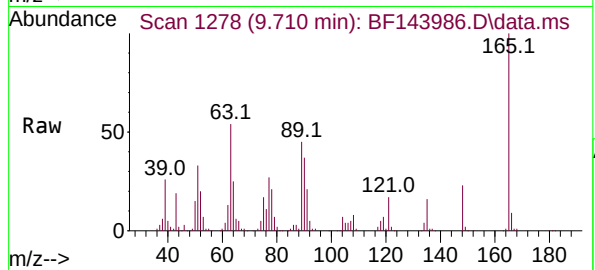
164 9.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 52.922 ng
RT: 9.710 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

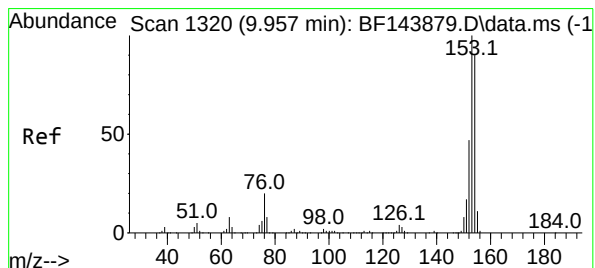
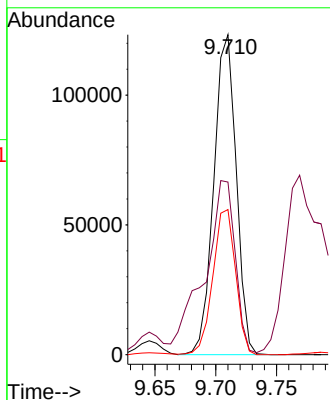
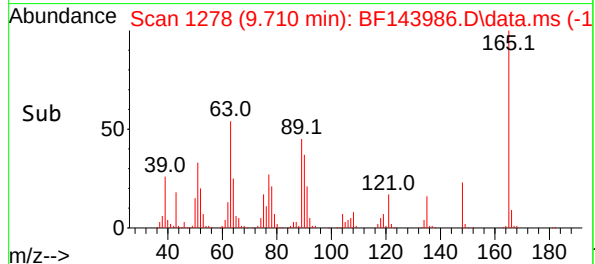
Instrument :
BNA_F
ClientSampleId :
PB170149BS



Tgt Ion:165 Resp: 158142
Ion Ratio Lower Upper
165 100
63 53.9 47.3 70.9
89 45.3 38.2 57.4

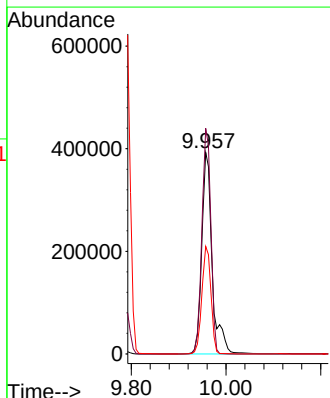
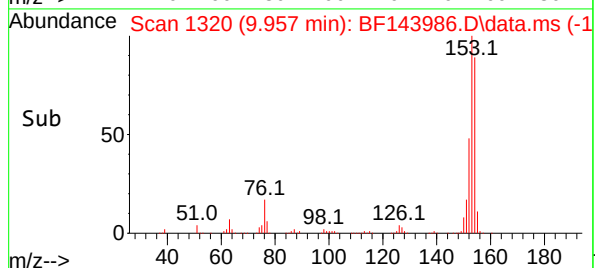
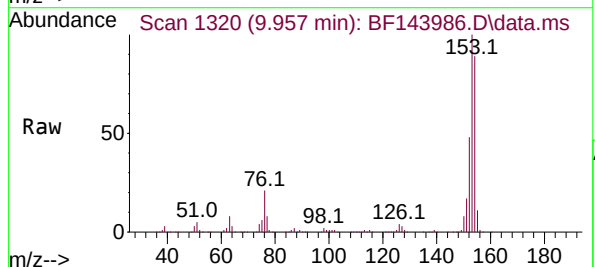
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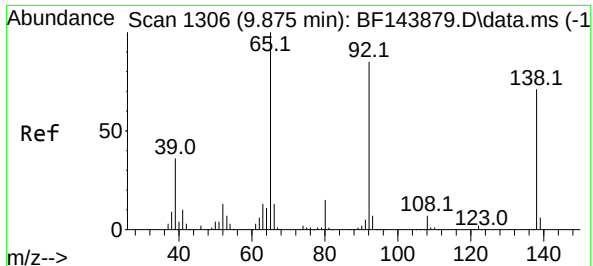
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#52
Acenaphthene
Concen: 46.458 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

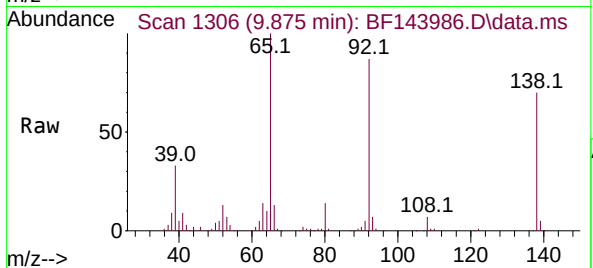
Tgt Ion:154 Resp: 599506
Ion Ratio Lower Upper
154 100
153 112.0 89.3 133.9
152 53.4 42.2 63.2





#53
3-Nitroaniline
Concen: 26.864 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

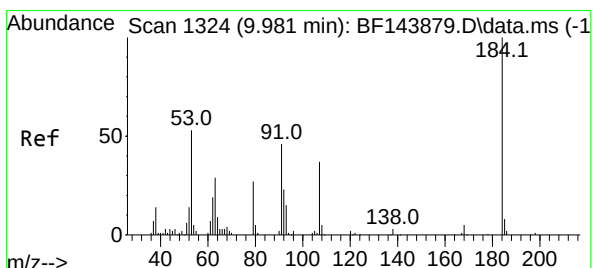
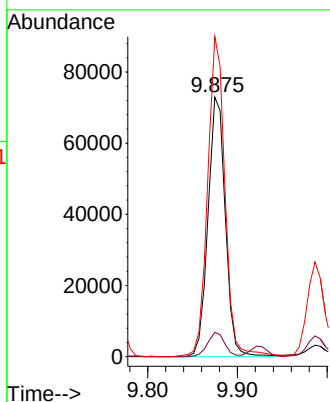
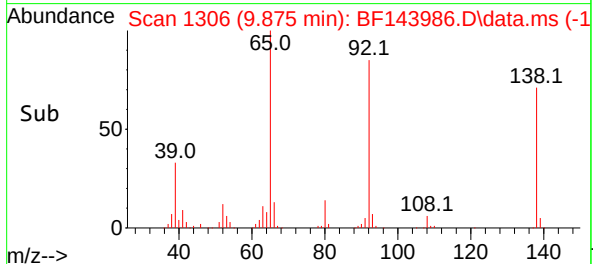
Instrument :
BNA_F
ClientSampleId :
PB170149BS



Tgt Ion:138 Resp: 98293
Ion Ratio Lower Upper
138 100
108 9.4 8.3 12.5
92 123.4 96.2 144.2

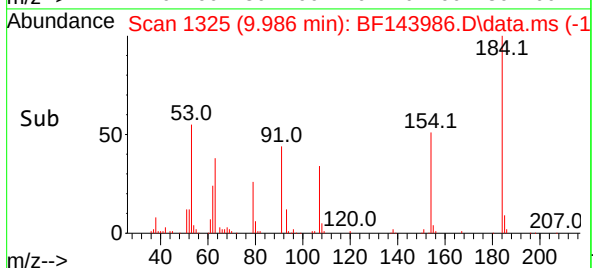
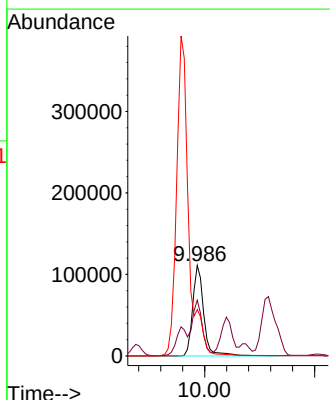
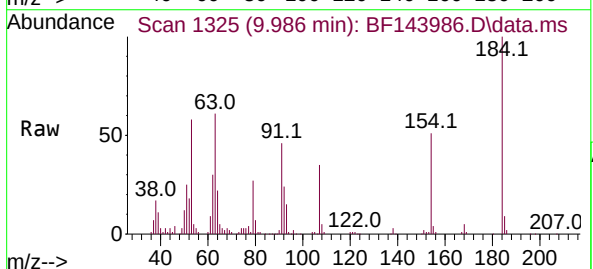
Manual Integrations
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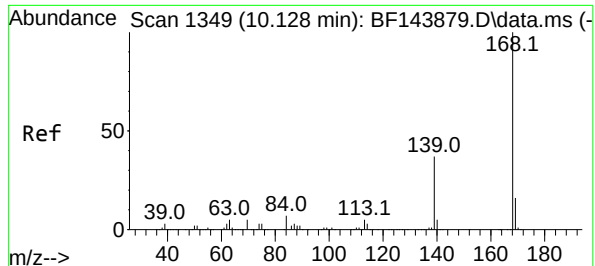
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#54
2,4-Dinitrophenol
Concen: 84.272 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:184 Resp: 156080
Ion Ratio Lower Upper
184 100
63 61.4 48.2 72.4
154 51.2 49.2 73.8





#55

Dibenzofuran

Concen: 43.147 ng

RT: 10.134 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:168 Resp: 78595

Ion Ratio Lower Upper

168 100

139 36.2 29.8 44.8

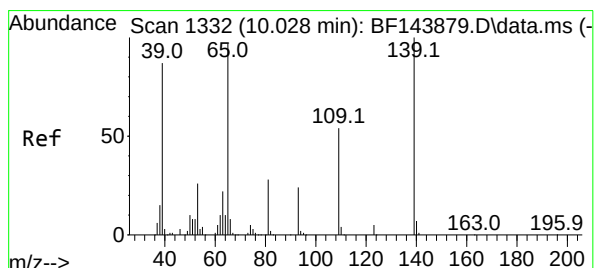
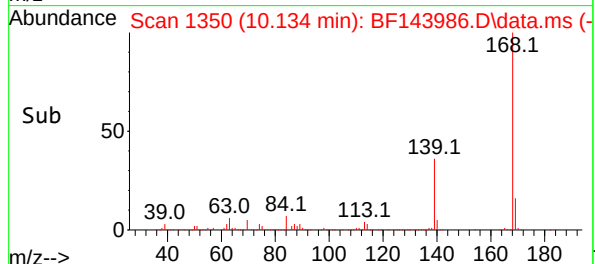
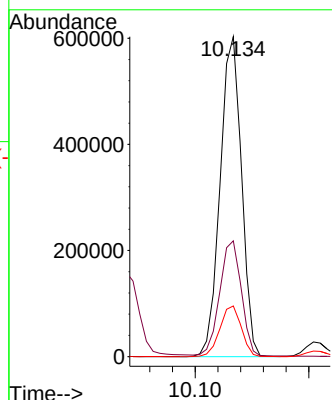
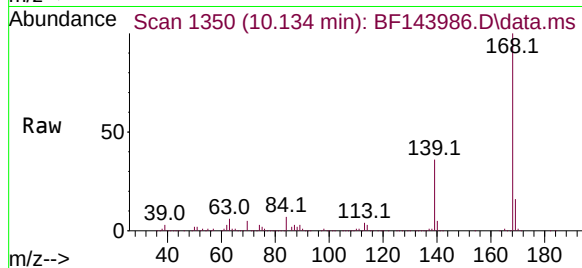
169 15.9 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#56

4-Nitrophenol

Concen: 82.740 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

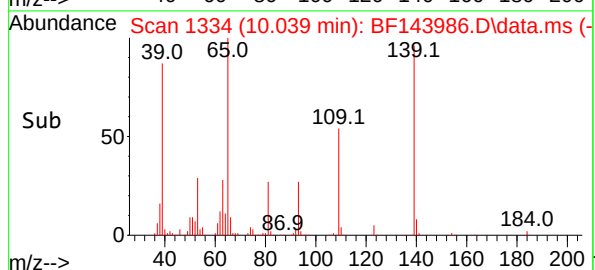
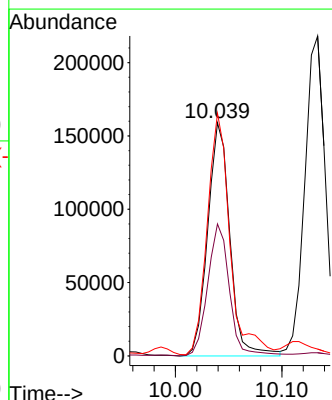
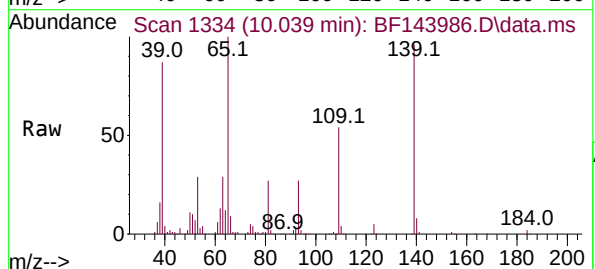
Tgt Ion:139 Resp: 229223

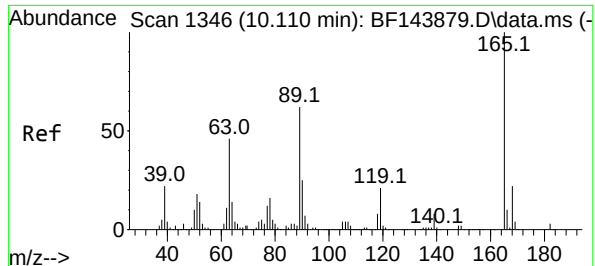
Ion Ratio Lower Upper

139 100

109 56.6 34.5 74.5

65 104.1 77.6 117.6





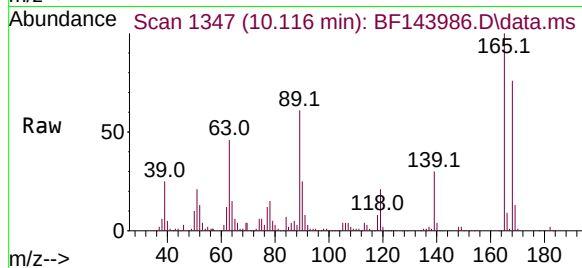
#57
2,4-Dinitrotoluene
Concen: 51.548 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

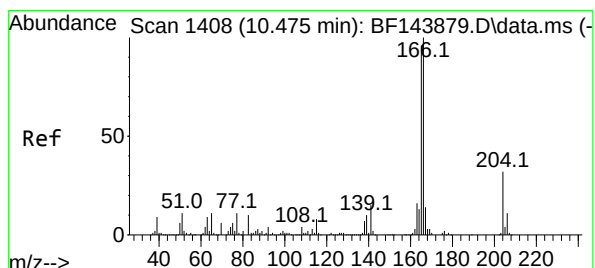
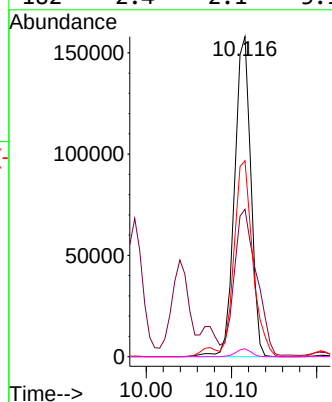
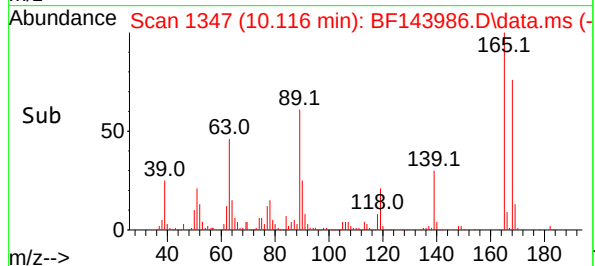


Tgt Ion:165 Resp: 209585
Ion Ratio Lower Upper
165 100
63 46.0 37.2 55.8
89 61.2 49.4 74.2
182 2.4 2.1 3.1

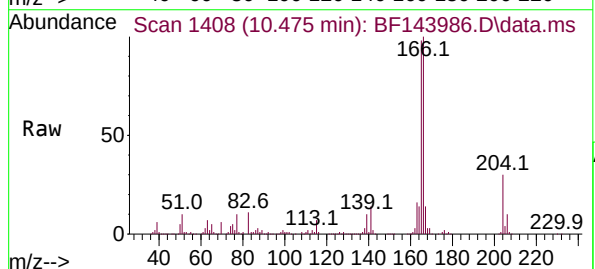
Manual Integrations

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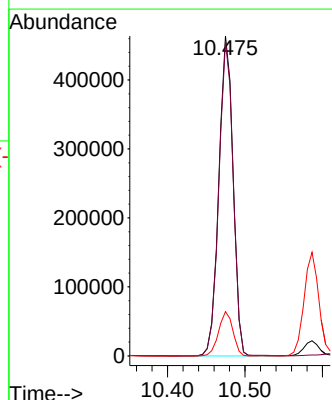
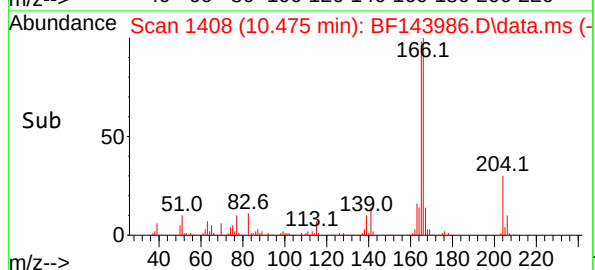
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

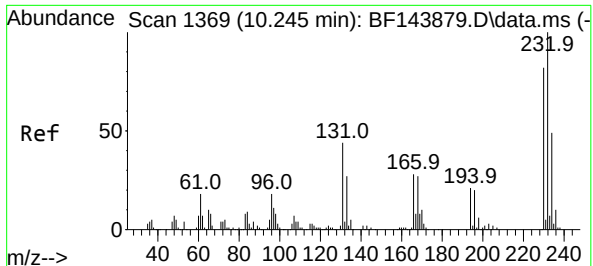


#58
Fluorene
Concen: 43.118 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40



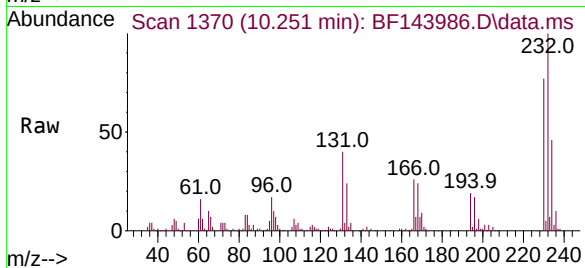
Tgt Ion:166 Resp: 592656
Ion Ratio Lower Upper
166 100
165 98.2 77.0 115.6
167 13.8 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.520 ng m
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

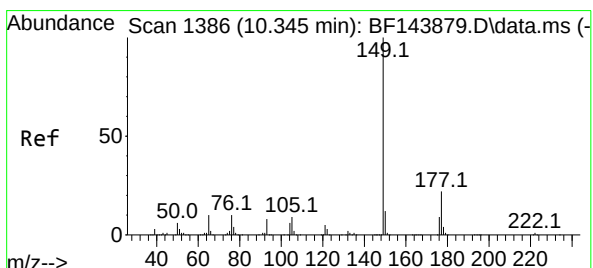
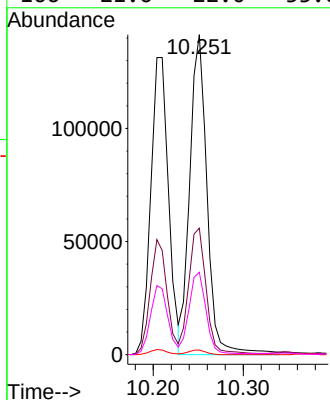
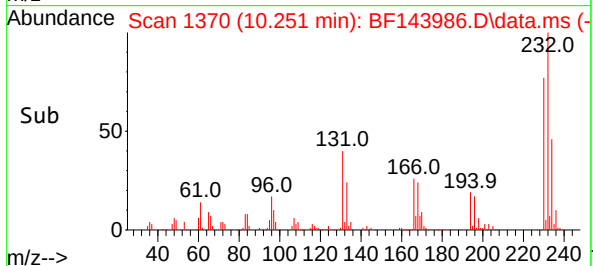
Instrument :
BNA_F
ClientSampleId :
PB170149BS



Tgt Ion:232 Resp: 189832
Ion Ratio Lower Upper
232 100
131 35.0 34.9 52.3
130 1.6 1.6 2.4
166 21.6 22.0 33.0#

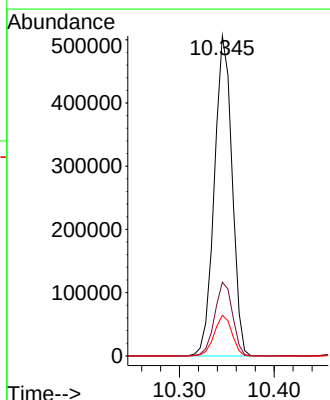
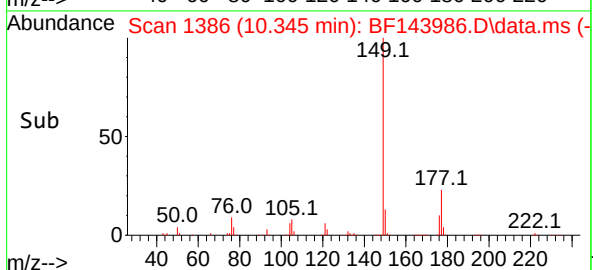
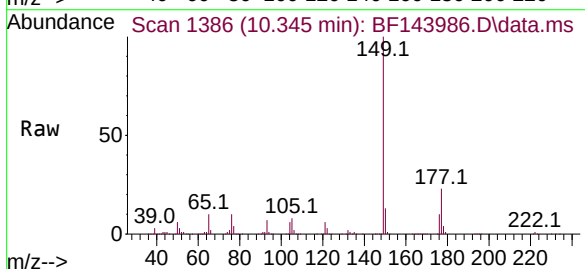
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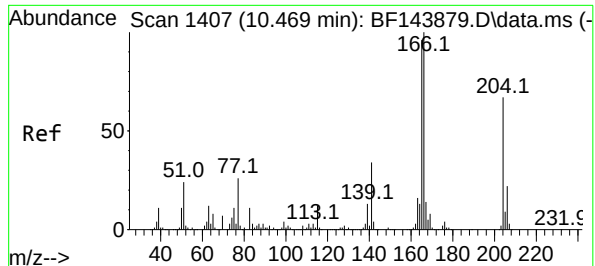
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#60
Diethylphthalate
Concen: 43.918 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

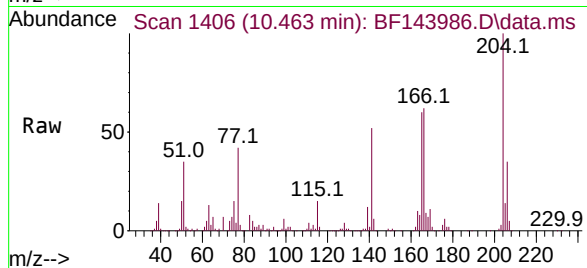
Tgt Ion:149 Resp: 657488
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.7 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.865 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

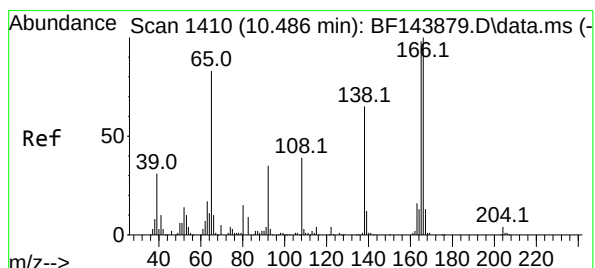
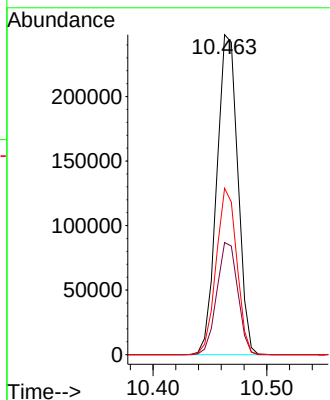
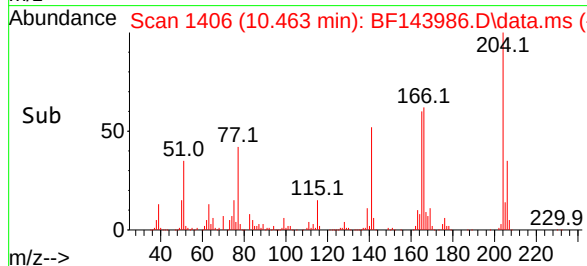
Instrument :
BNA_F
ClientSampleId :
PB170149BS



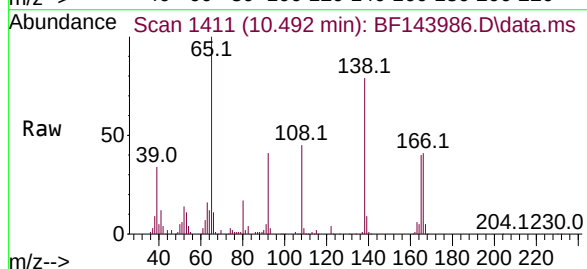
Tgt Ion:204 Resp: 318776
Ion Ratio Lower Upper
204 100
206 35.0 26.6 40.0
141 52.0 40.4 60.6

Manual Integrations
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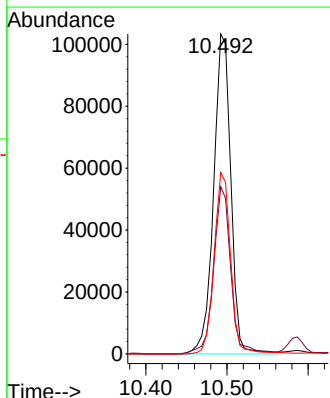
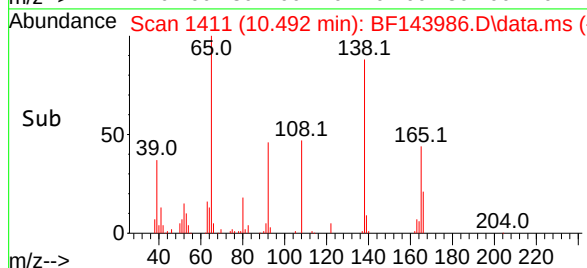
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

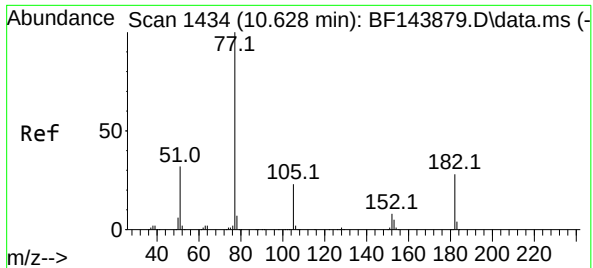


#62
4-Nitroaniline
Concen: 43.256 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40



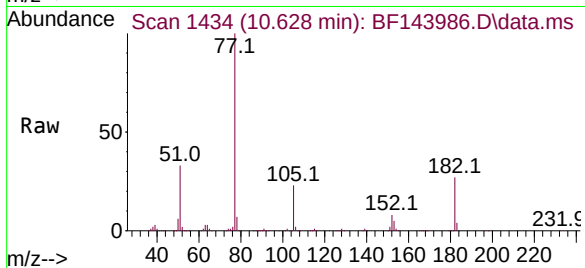
Tgt Ion:138 Resp: 152195
Ion Ratio Lower Upper
138 100
92 52.2 33.9 73.9
108 56.7 40.2 80.2





#63
Azobenzene
Concen: 45.195 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

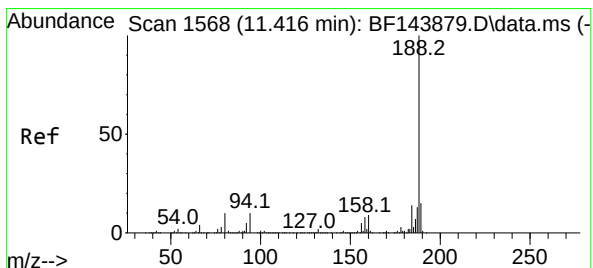
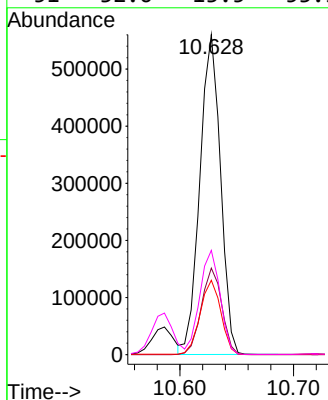
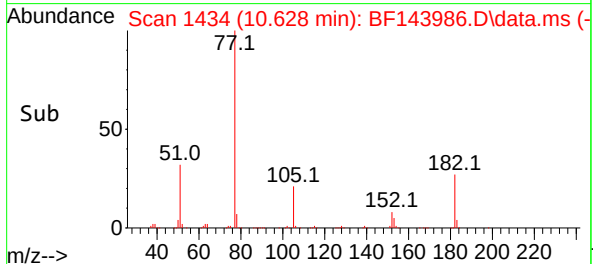
Instrument :
BNA_F
ClientSampleId :
PB170149BS



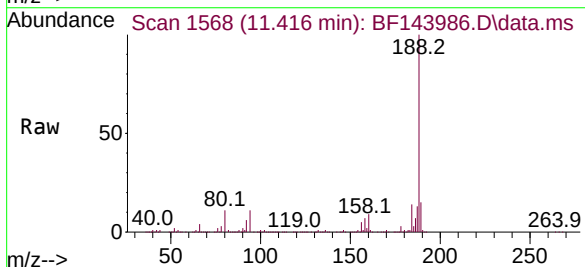
Tgt Ion: 77 Resp: 70714
Ion Ratio Lower Upper
77 100
182 27.0 7.3 47.3
105 23.2 3.0 43.0
51 32.6 13.5 53.5

Manual Integrations
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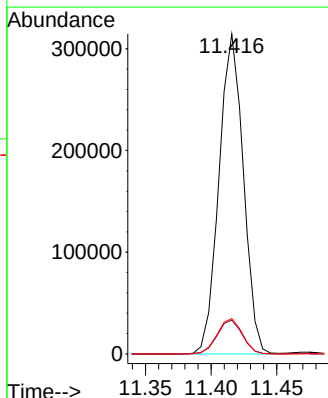
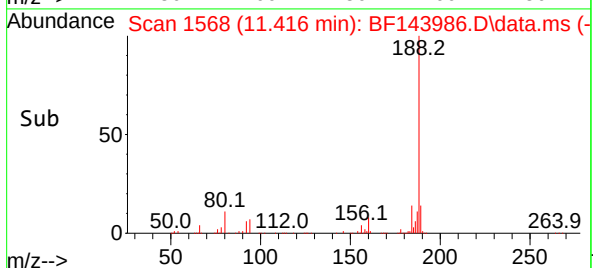
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

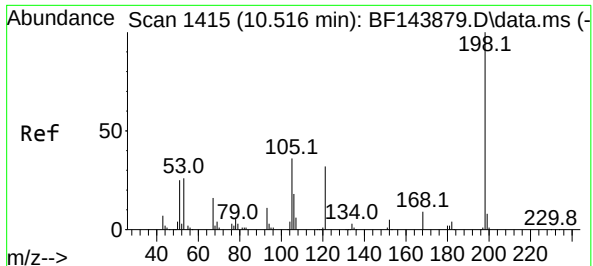


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40



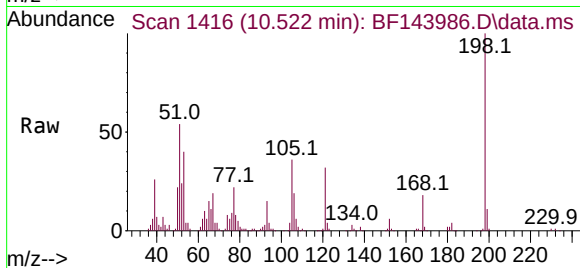
Tgt Ion:188 Resp: 406747
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.0 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 56.838 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

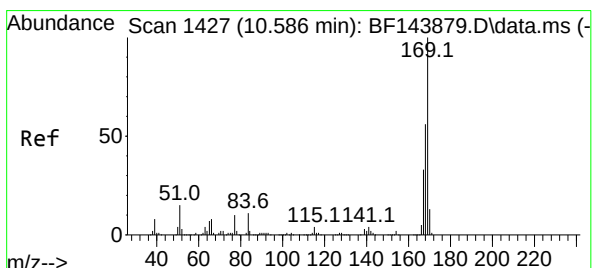
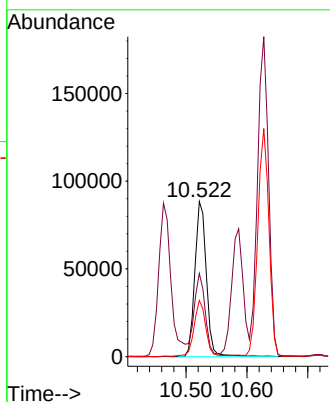
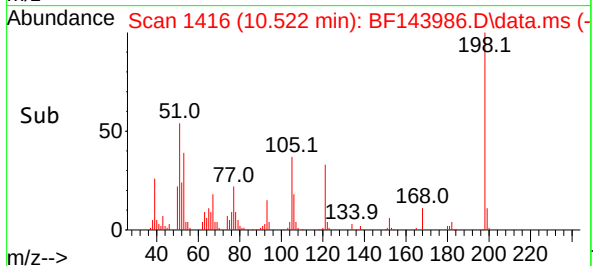
Instrument :
BNA_F
ClientSampleId :
PB170149BS



Tgt Ion:198 Resp: 116178
Ion Ratio Lower Upper
198 100
51 53.6 33.8 73.8
105 36.1 17.0 57.0

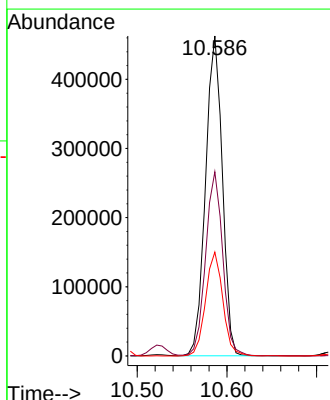
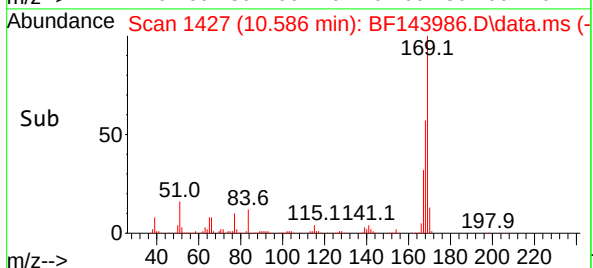
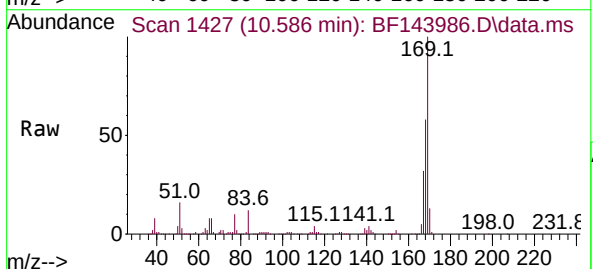
Manual Integrations
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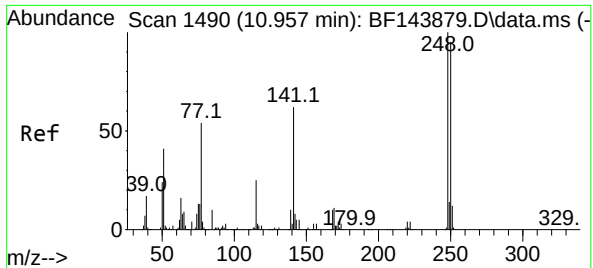
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#66
n-Nitrosodiphenylamine
Concen: 46.997 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

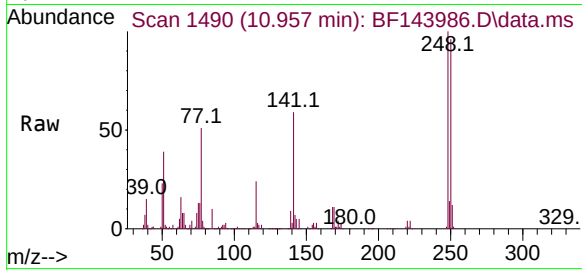
Tgt Ion:169 Resp: 600218
Ion Ratio Lower Upper
169 100
168 57.5 44.9 67.3
167 32.4 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 48.167 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

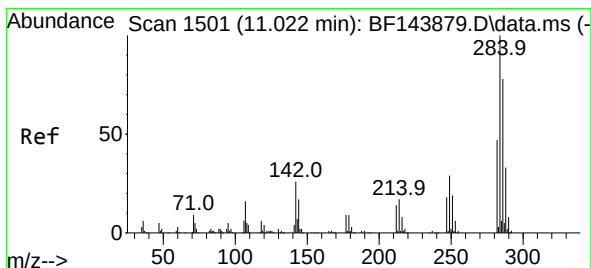
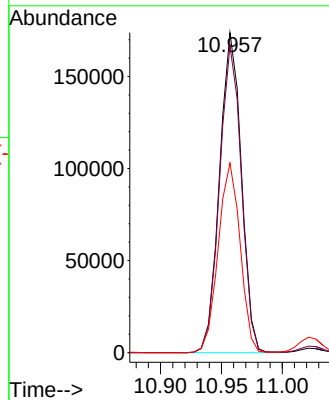
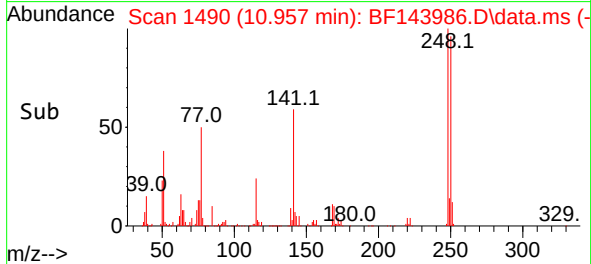
Instrument :
BNA_F
ClientSampleId :
PB170149BS



Tgt Ion:248 Resp: 216520
Ion Ratio Lower Upper
248 100
250 96.0 76.3 114.5
141 59.2 49.7 74.5

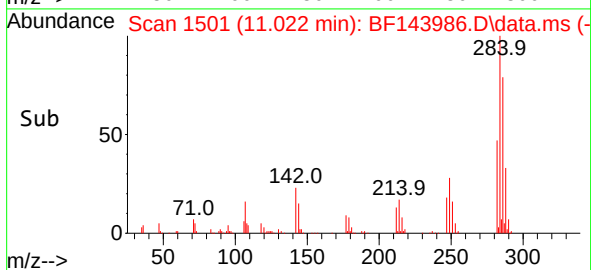
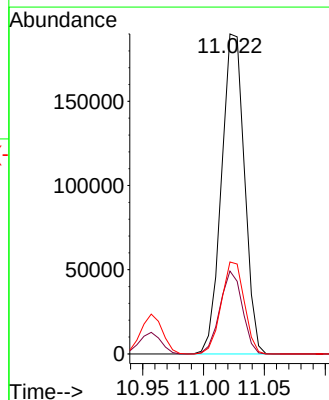
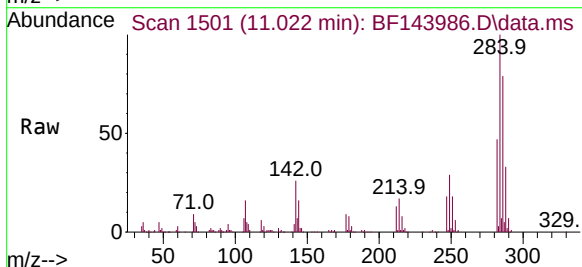
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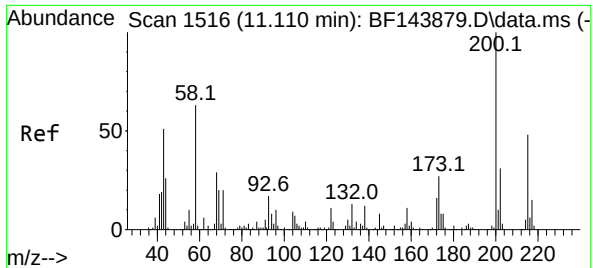
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#68
Hexachlorobenzene
Concen: 47.913 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:284 Resp: 249347
Ion Ratio Lower Upper
284 100
142 25.9 20.6 30.8
249 28.7 23.2 34.8





#69

Atrazine

Concen: 48.451 ng

RT: 11.116 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:200 Resp: 187550

Ion Ratio Lower Upper

200 100

173 28.2 7.0 47.0

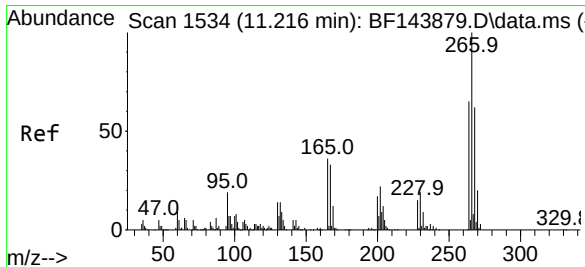
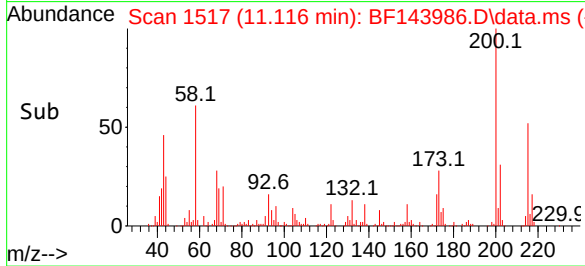
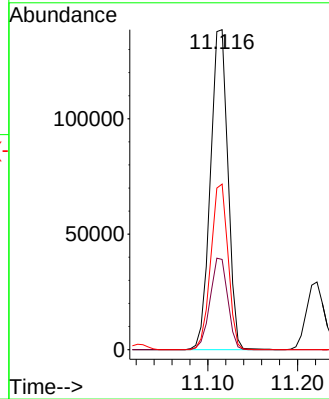
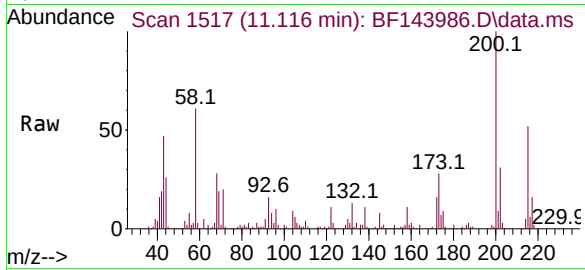
215 51.7 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#70

Pentachlorophenol

Concen: 85.603 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

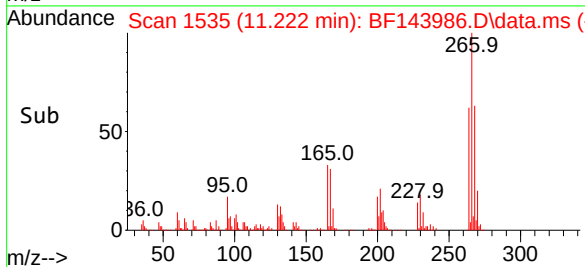
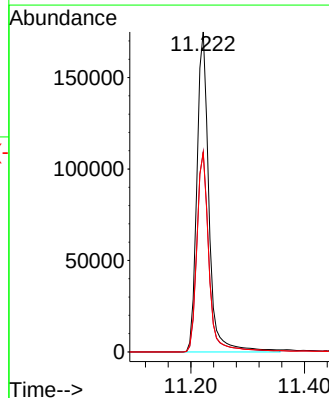
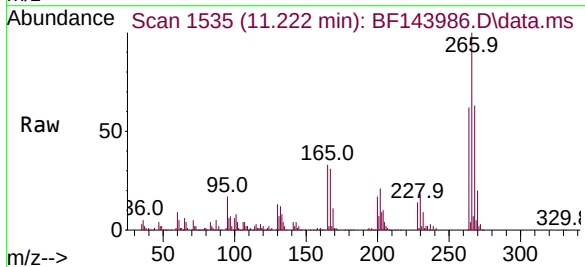
Tgt Ion:266 Resp: 255856

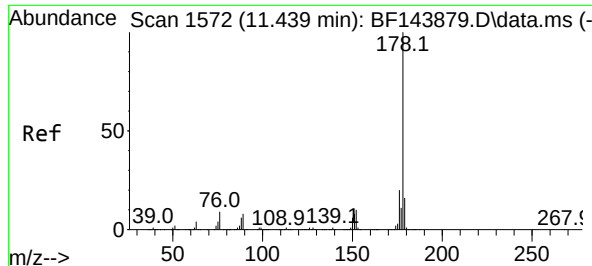
Ion Ratio Lower Upper

266 100

268 62.5 49.4 74.0

264 62.2 51.8 77.6





#71

Phenanthrene

Concen: 45.339 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:178 Resp: 894044

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

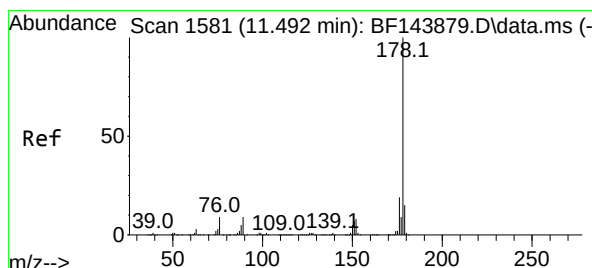
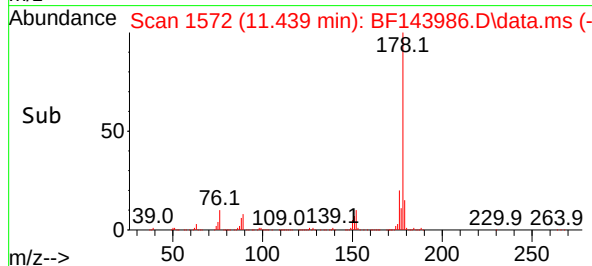
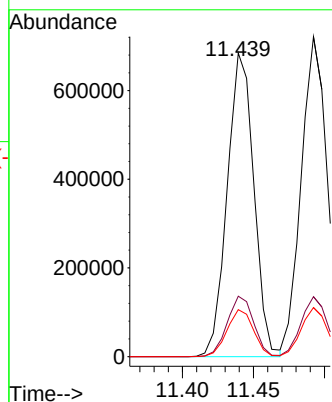
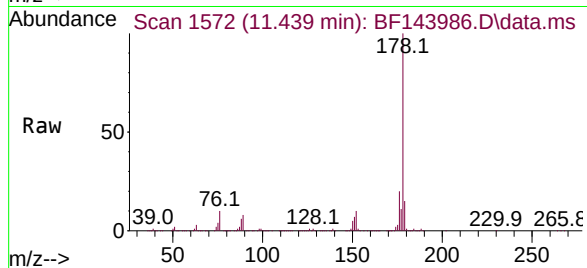
179 15.5 12.4 18.6

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#72

Anthracene

Concen: 45.885 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

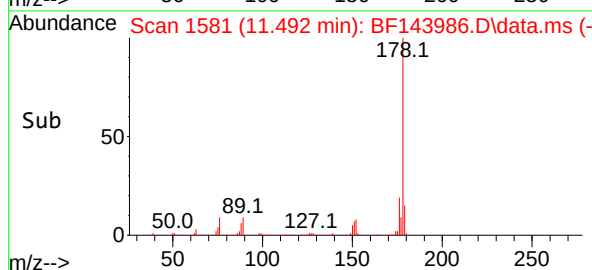
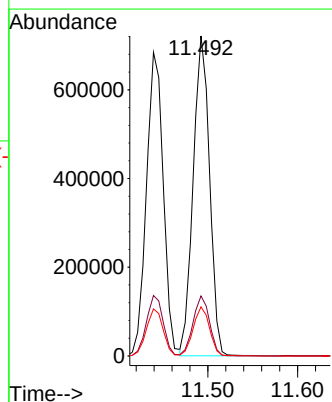
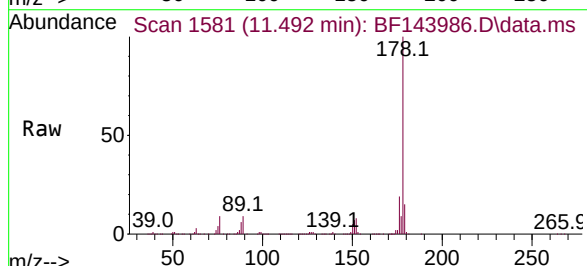
Tgt Ion:178 Resp: 914080

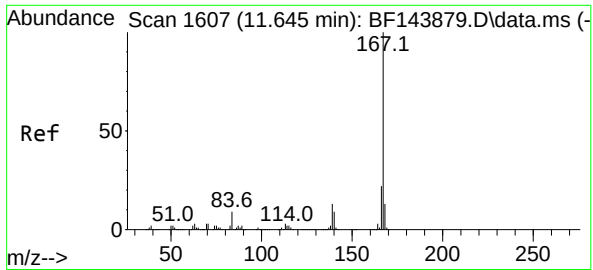
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

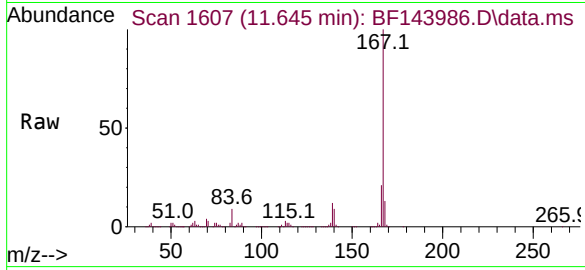
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 45.322 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143986.D
 Acq: 17 Oct 2025 15:40

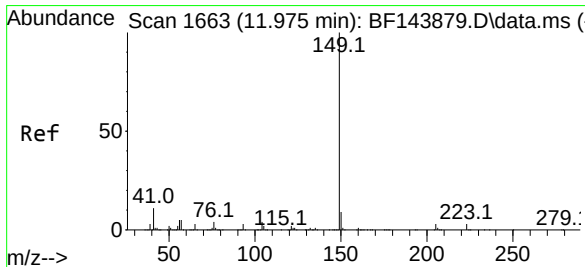
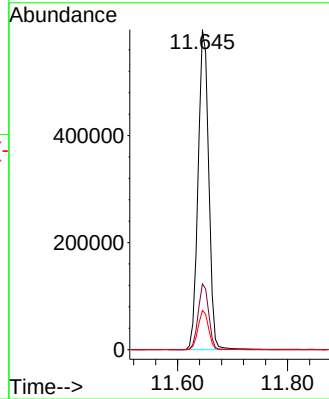
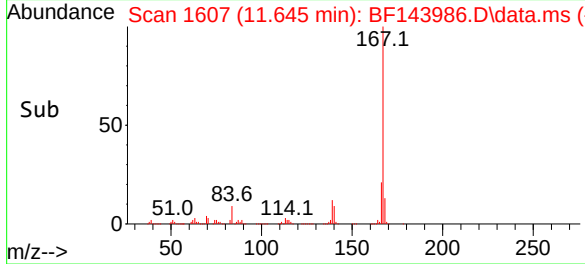
Instrument :
 BNA_F
 ClientSampleId :
 PB170149BS



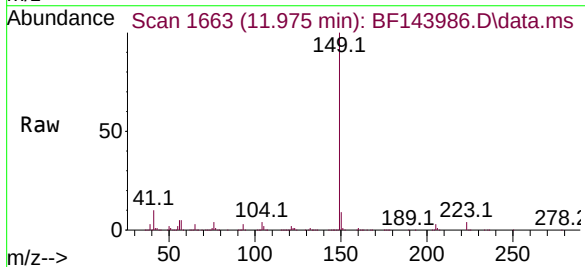
Tgt Ion:167 Resp: 799634
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.2 25.8
 139 12.2 10.1 15.1

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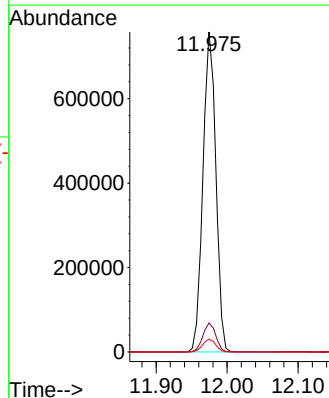
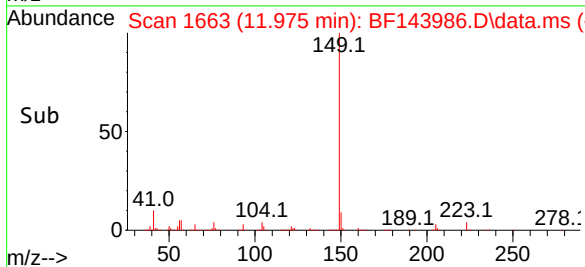
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

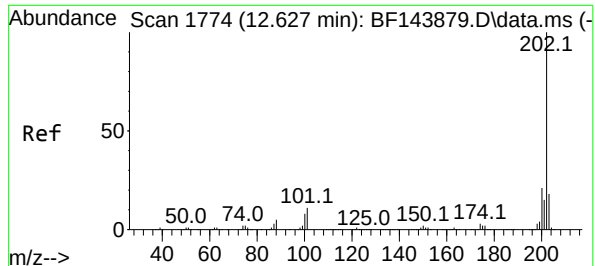


#74
 Di-n-butylphthalate
 Concen: 46.541 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143986.D
 Acq: 17 Oct 2025 15:40



Tgt Ion:149 Resp: 951680
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.0 3.4 5.2





#75

Fluoranthene

Concen: 44.691 ng

RT: 12.633 min Scan# 1775

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

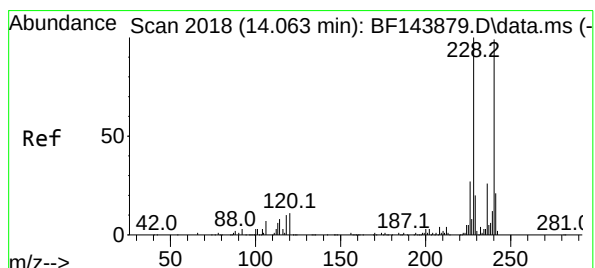
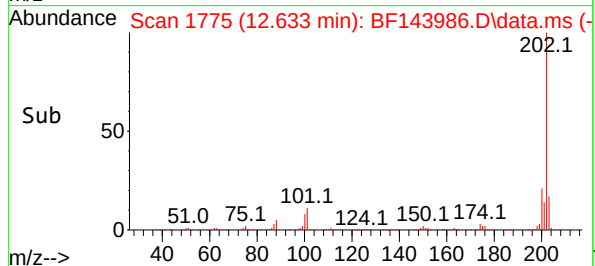
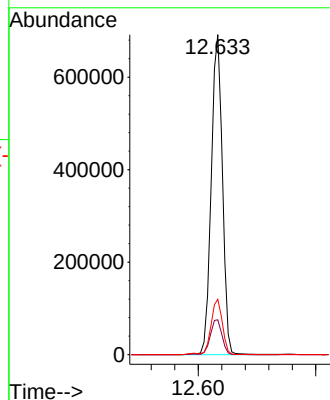
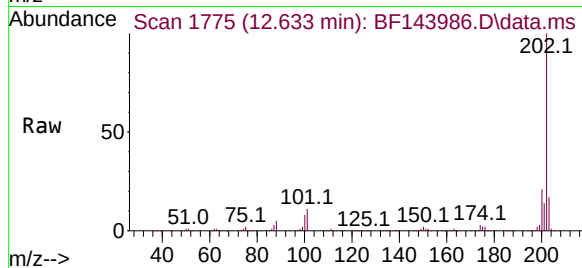
Tgt Ion:	202	Resp:	910295
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.7
203	17.3	0.0	37.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#76

Chrysene-d12

Concen: 20.000 ng

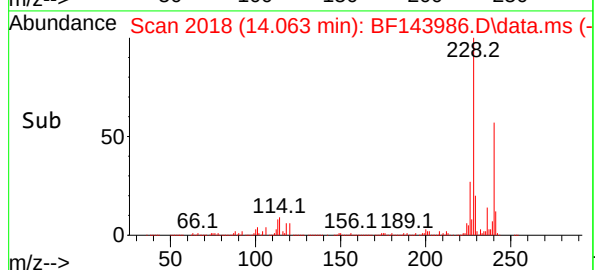
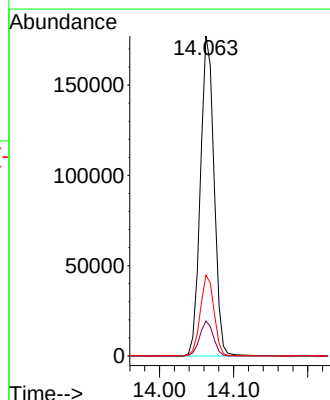
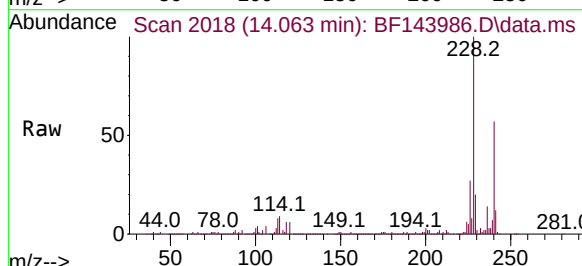
RT: 14.063 min Scan# 2018

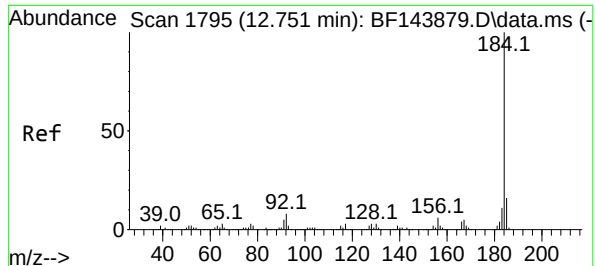
Delta R.T. -0.005 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Tgt Ion:	240	Resp:	226465
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.6	13.0
236	25.2	21.1	31.7





#77

Benzidine

Concen: 26.893 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:184 Resp: 211474

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

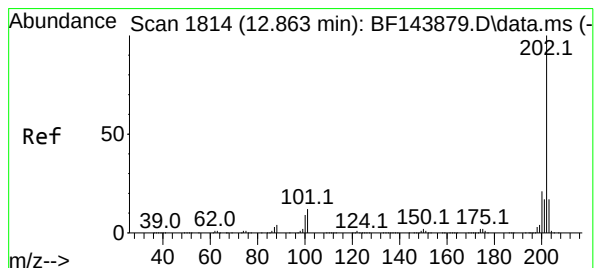
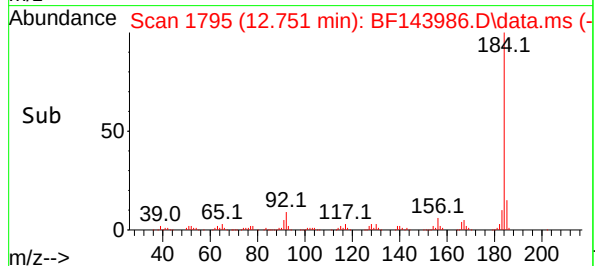
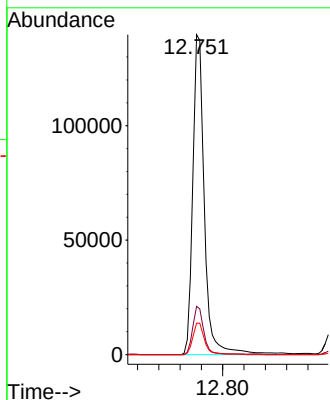
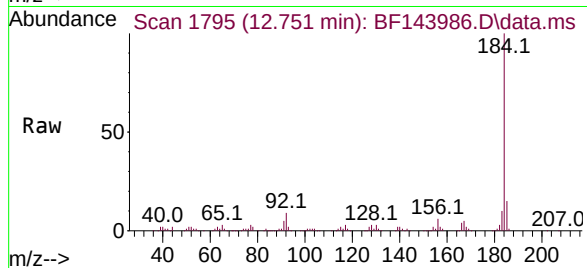
183 9.9 8.8 13.2

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#78

Pyrene

Concen: 48.173 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

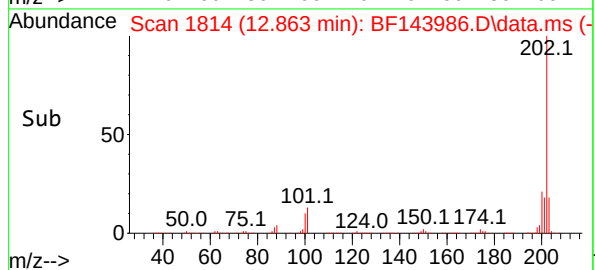
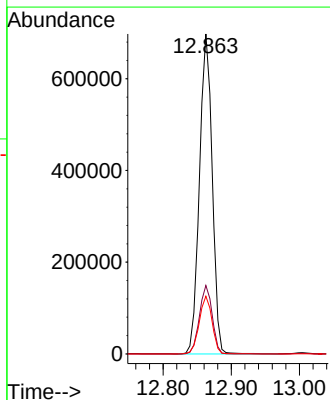
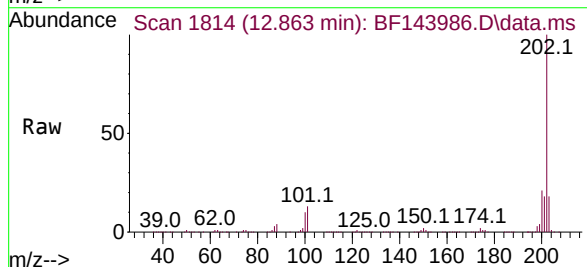
Tgt Ion:202 Resp: 909507

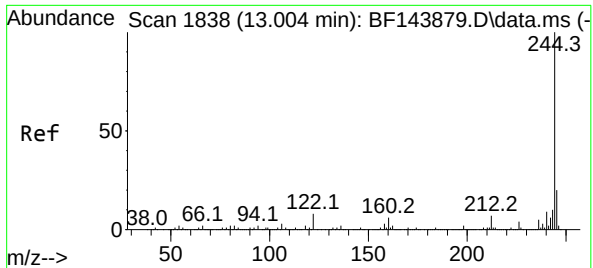
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 18.0 13.8 20.6





#79

Terphenyl-d14

Concen: 93.900 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:244 Resp: 1244240

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

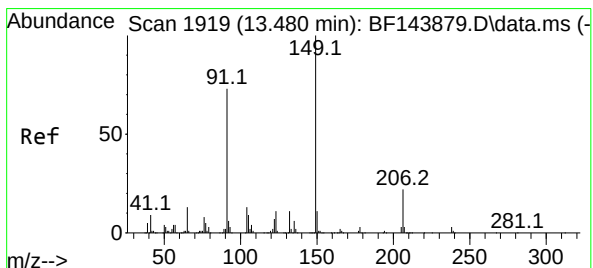
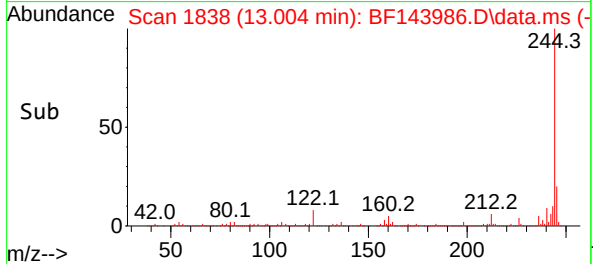
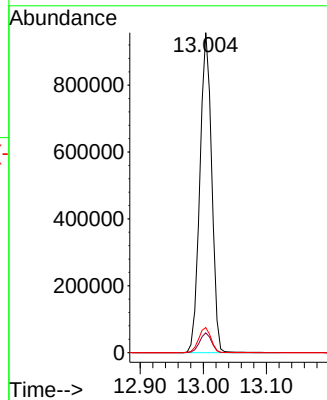
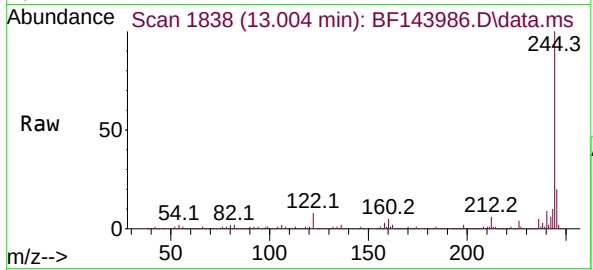
122 7.8 6.4 9.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#80

Butylbenzylphthalate

Concen: 50.496 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

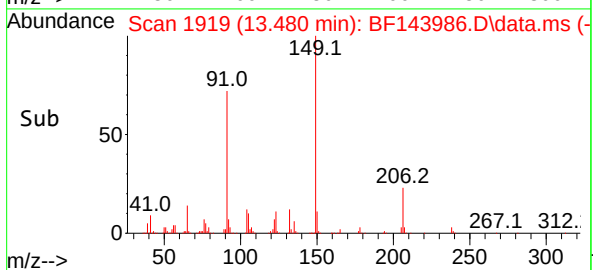
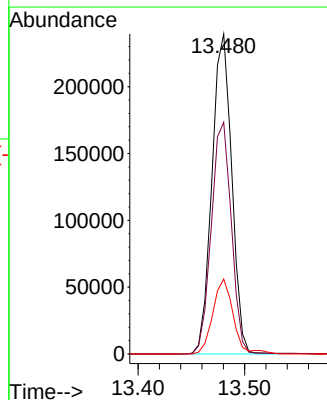
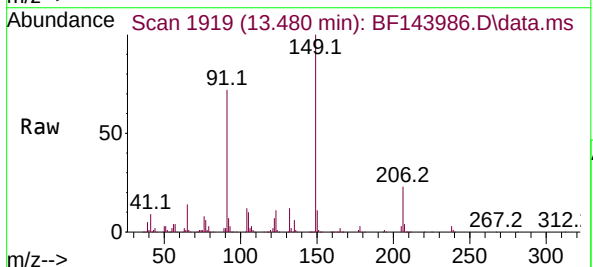
Tgt Ion:149 Resp: 309626

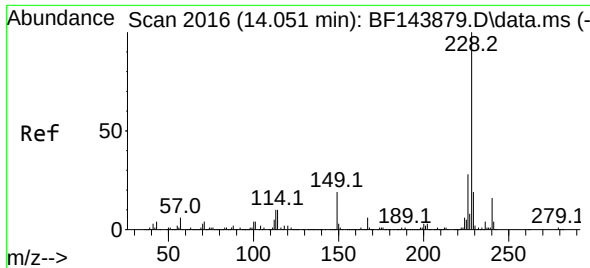
Ion Ratio Lower Upper

149 100

91 72.4 58.2 87.2

206 23.4 17.9 26.9





#81

Benzo(a)anthracene

Concen: 49.546 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:228 Resp: 734276

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

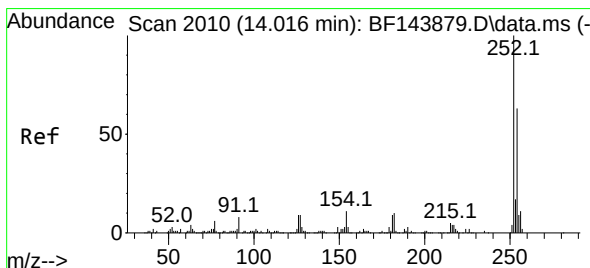
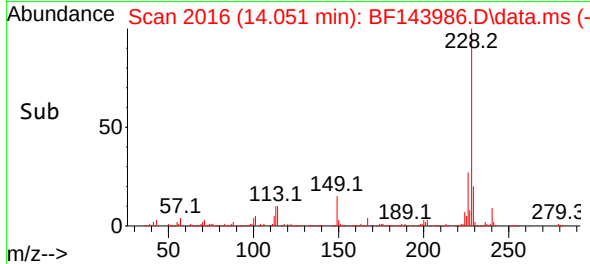
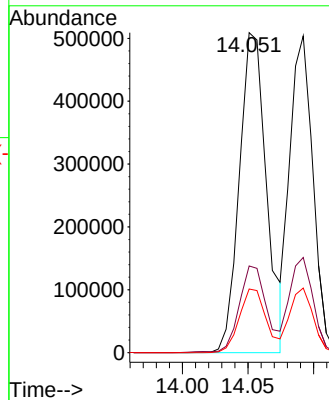
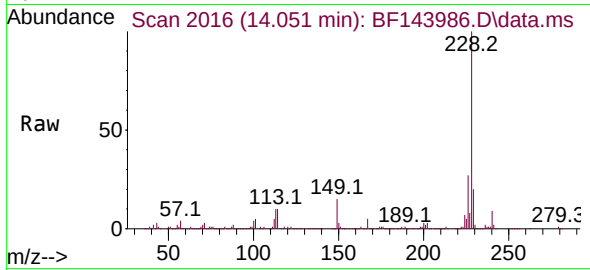
229 19.9 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#82

3,3'-Dichlorobenzidine

Concen: 28.101 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

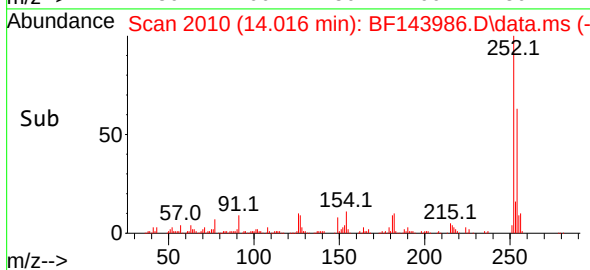
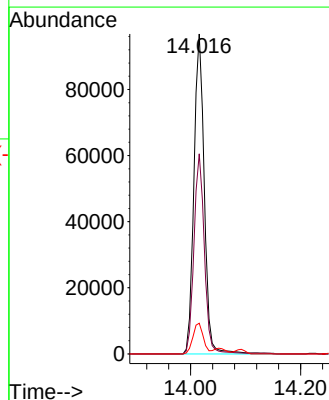
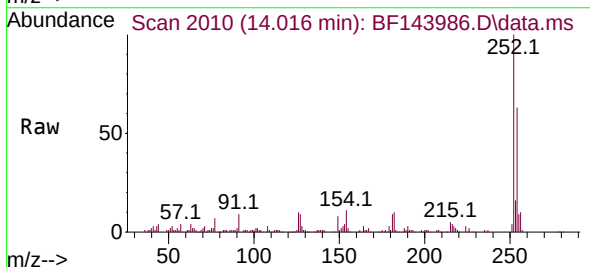
Tgt Ion:252 Resp: 126915

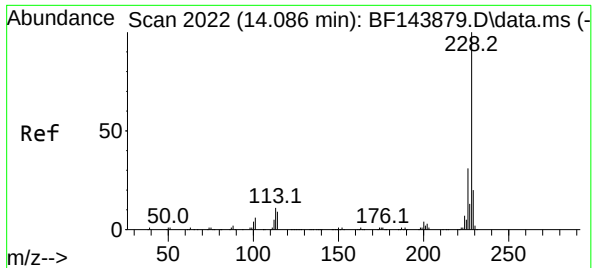
Ion Ratio Lower Upper

252 100

254 62.5 50.6 76.0

126 9.6 7.0 10.6





#83

Chrysene

Concen: 45.154 ng

RT: 14.092 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:228 Resp: 619350

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

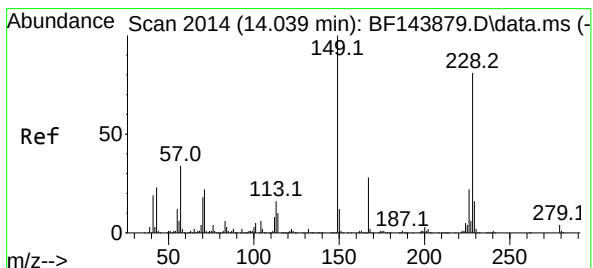
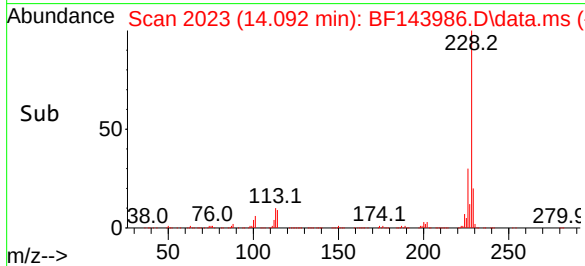
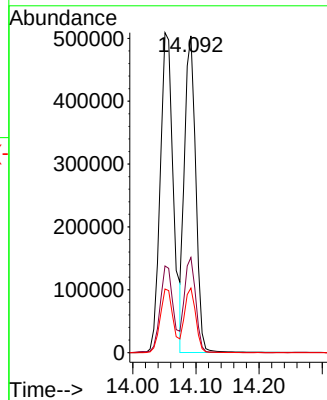
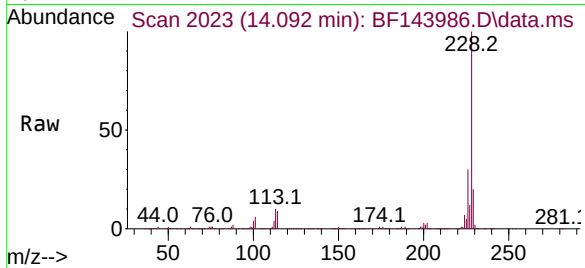
229 20.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.136 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

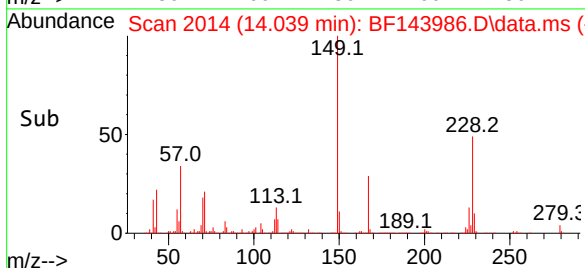
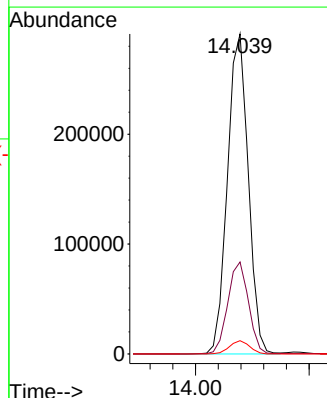
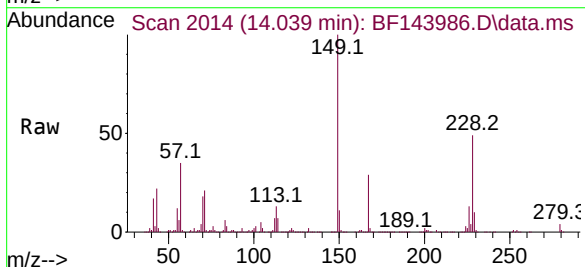
Tgt Ion:149 Resp: 370575

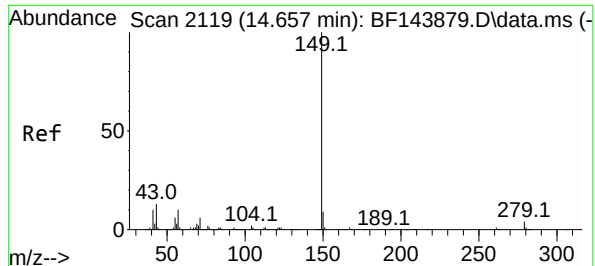
Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.4

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 50.947 ng

RT: 14.651 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:149 Resp: 618496

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

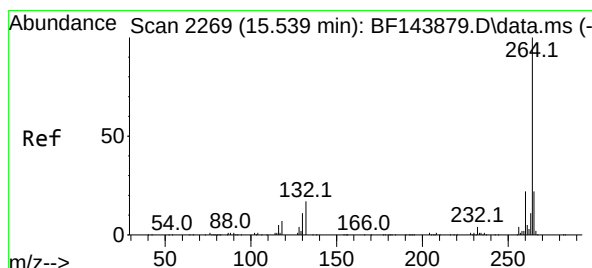
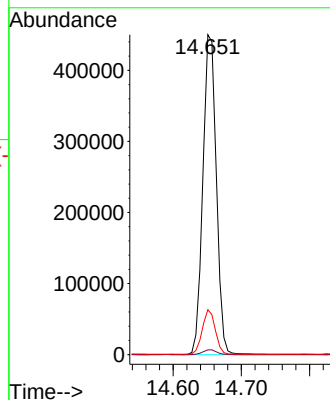
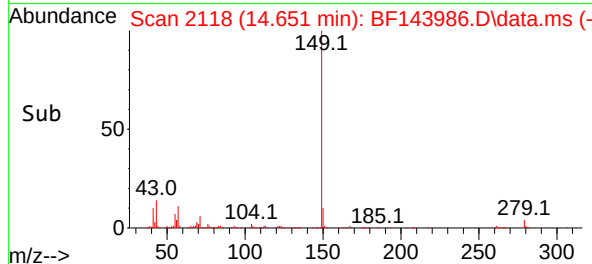
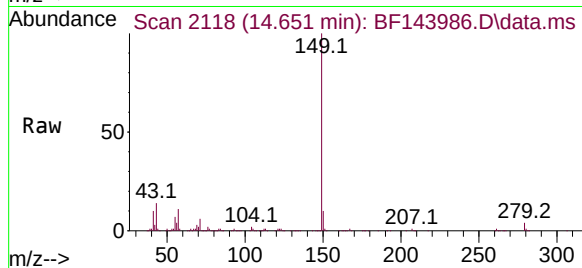
43 13.5 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

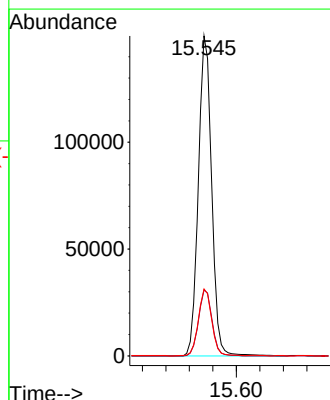
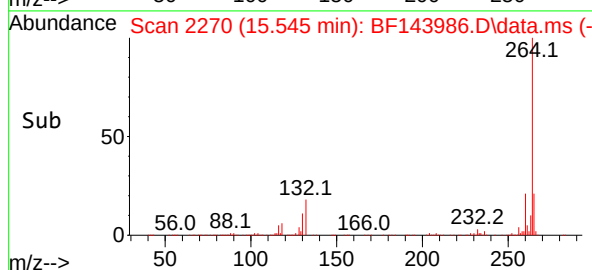
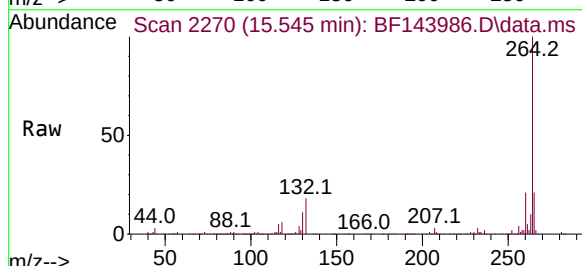
Tgt Ion:264 Resp: 234681

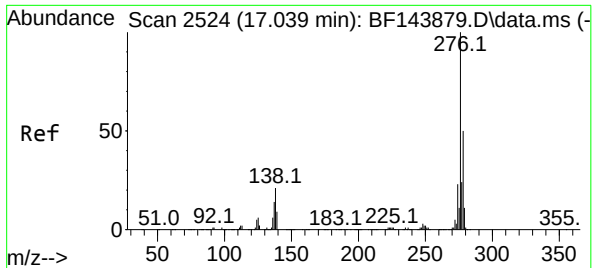
Ion Ratio Lower Upper

264 100

260 20.6 17.8 26.8

265 20.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.955 ng

RT: 17.057 min Scan# 2190

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:276 Resp: 819010

Ion Ratio Lower Upper

276 100

138 23.5 18.2 27.2

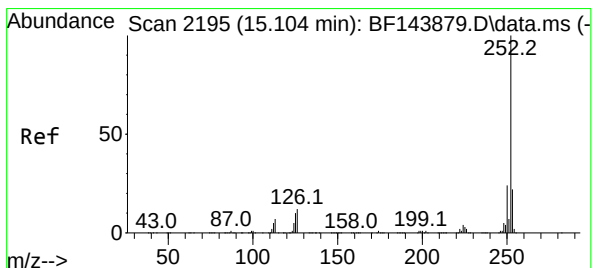
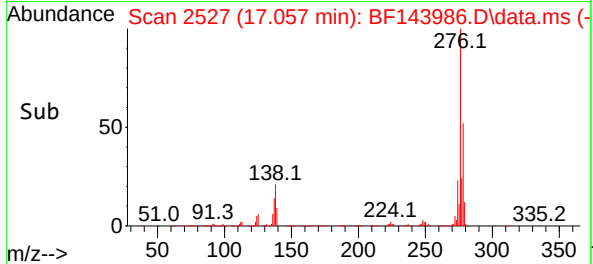
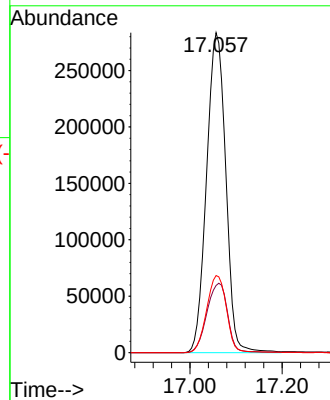
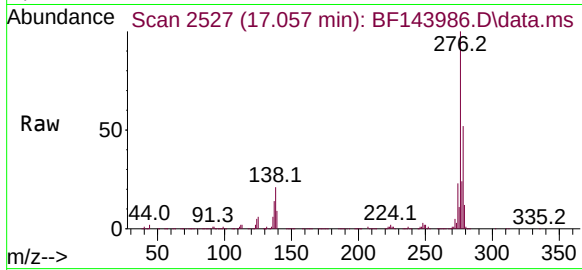
277 24.9 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#88

Benzo(b)fluoranthene

Concen: 47.798 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

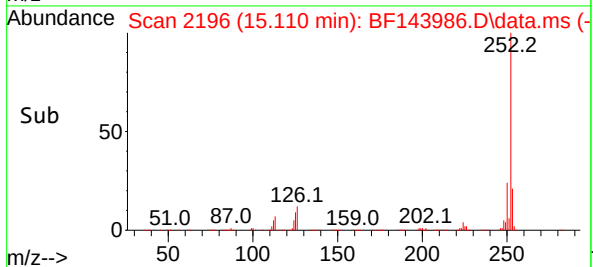
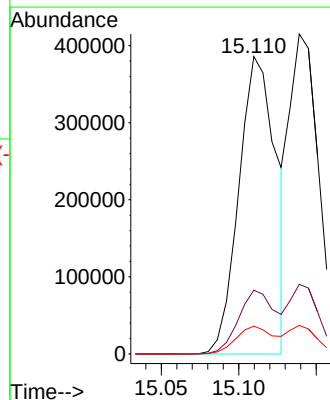
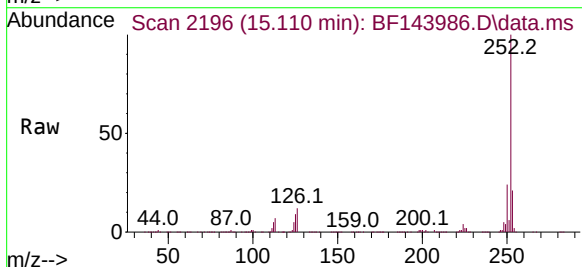
Tgt Ion:252 Resp: 644361

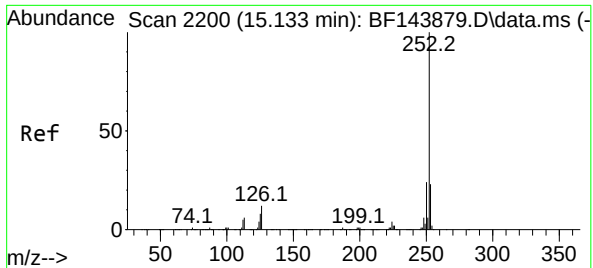
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 9.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 43.882 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:252 Resp: 547384

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

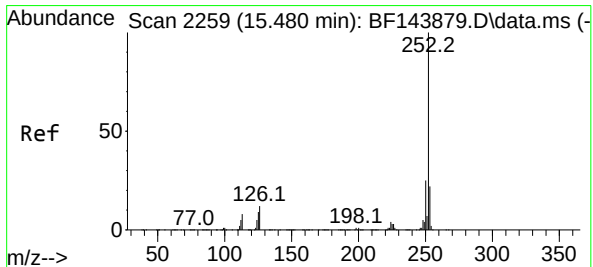
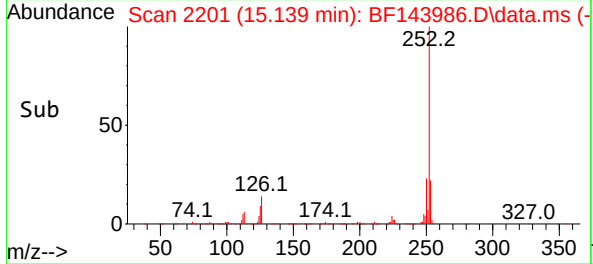
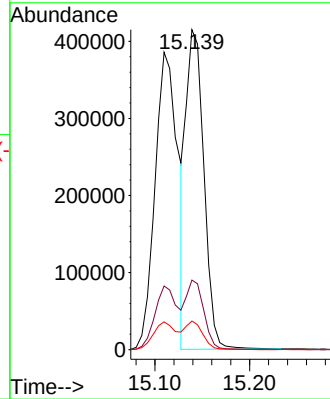
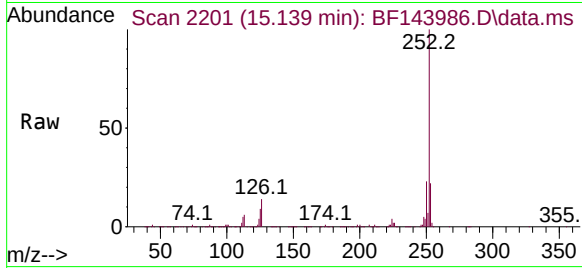
125 8.9 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#90

Benzo(a)pyrene

Concen: 50.258 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

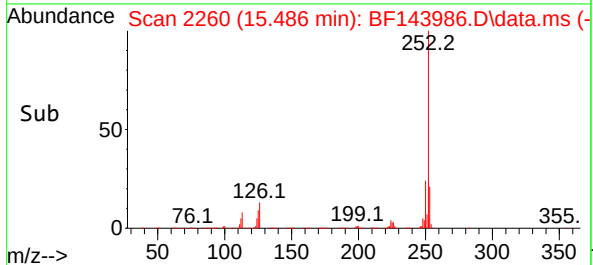
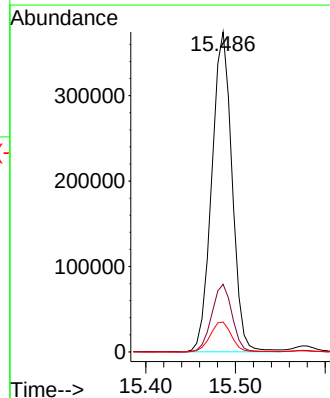
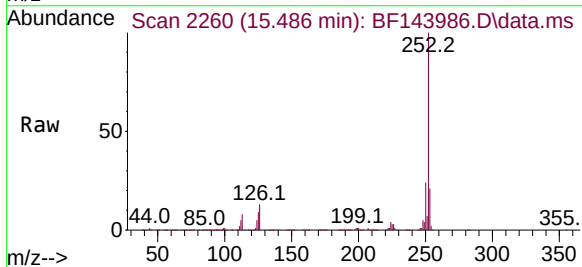
Tgt Ion:252 Resp: 587474

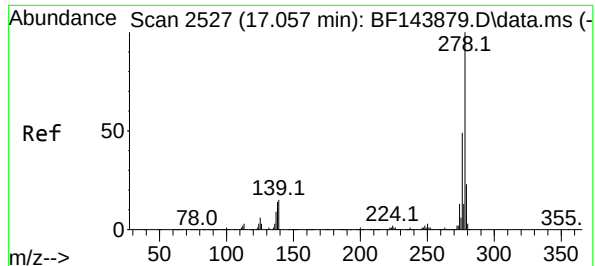
Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

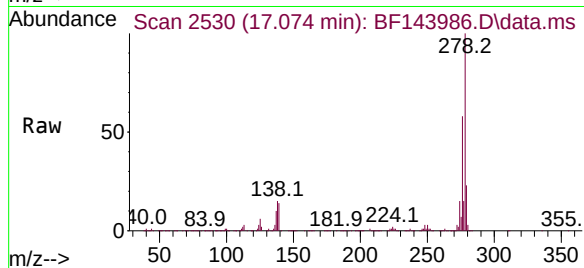
125 9.3 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 58.555 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

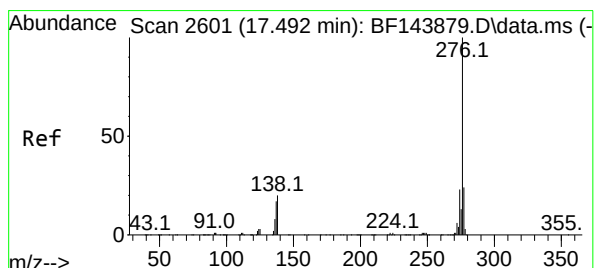
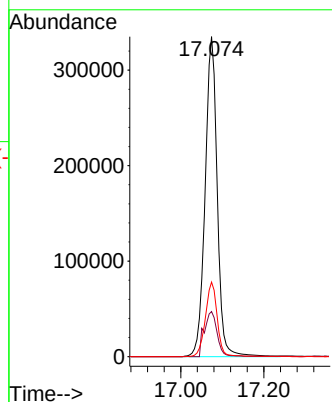
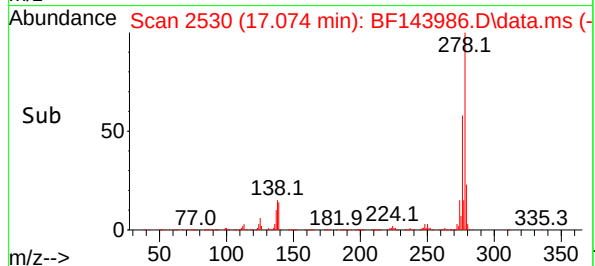
Instrument :
BNA_F
ClientSampleId :
PB170149BS



Tgt Ion:278 Resp: 677197
Ion Ratio Lower Upper
278 100
139 14.1 11.7 17.5
279 23.3 18.4 27.6

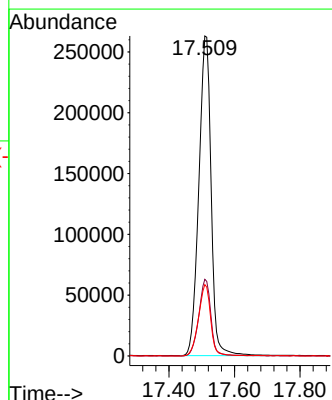
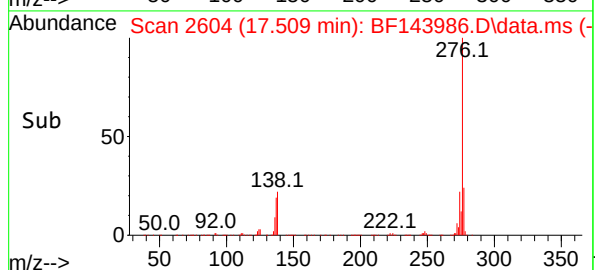
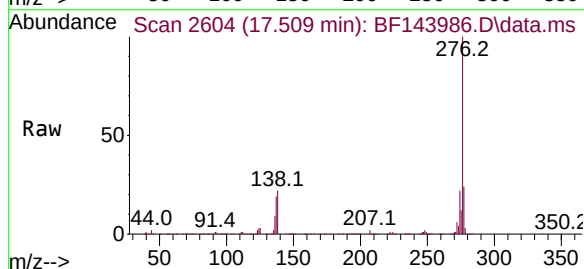
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#92
Benzo(g,h,i)perylene
Concen: 58.713 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:276 Resp: 679031
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 22.3 16.1 24.1



Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
 Project: NYPA PURS Station
 Client Sample ID: TP-3MS
 Lab Sample ID: Q3352-04MS
 Analytical Method: 8270E
 Sample Wt/Vol: 100 mL
 Prep Method :

Level : LOW
 Final Vol: 1000 uL
 Prep Date: 10/17/25

Date Collected: 10/15/25
 Date Received: 10/15/25
 SDG No.: Q3349
 Matrix: TCLP
 % Solid: 0
 Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	450		1	12.8	50.0	ug/L	10/17/25 17:16	PB170149
106-46-7	1,4-Dichlorobenzene	550		1	5.30	50.0	ug/L	10/17/25 17:16	PB170149
95-48-7	2-Methylphenol	570		1	11.2	50.0	ug/L	10/17/25 17:16	PB170149
65794-96-9	3+4-Methylphenols	540		1	11.0	100	ug/L	10/17/25 17:16	PB170149
67-72-1	Hexachloroethane	540		1	6.50	50.0	ug/L	10/17/25 17:16	PB170149
98-95-3	Nitrobenzene	570		1	7.60	50.0	ug/L	10/17/25 17:16	PB170149
87-68-3	Hexachlorobutadiene	530		1	5.40	50.0	ug/L	10/17/25 17:16	PB170149
88-06-2	2,4,6-Trichlorophenol	550		1	5.10	50.0	ug/L	10/17/25 17:16	PB170149
95-95-4	2,4,5-Trichlorophenol	560		1	6.20	50.0	ug/L	10/17/25 17:16	PB170149
121-14-2	2,4-Dinitrotoluene	660		1	12.2	50.0	ug/L	10/17/25 17:16	PB170149
118-74-1	Hexachlorobenzene	560		1	5.20	50.0	ug/L	10/17/25 17:16	PB170149
87-86-5	Pentachlorophenol	1000	E	1	15.8	100	ug/L	10/17/25 17:16	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	146			23 - 138	97%	SPK: 150		
13127-88-3	Phenol-d6	140			10 - 134	93%	SPK: 150		
4165-60-0	Nitrobenzene-d5	114			67 - 132	114%	SPK: 100		
321-60-8	2-Fluorobiphenyl	102			52 - 132	102%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	168			44 - 137	112%	SPK: 150		
1718-51-0	Terphenyl-d14	99.6			42 - 152	100%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	84900							
1146-65-2	Naphthalene-d8	334000							
15067-26-2	Acenaphthene-d10	184000							
1517-22-2	Phenanthrene-d10	312000							
1719-03-5	Chrysene-d12	209000							
1520-96-3	Perylene-d12	234000							

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\BF101725\
 Data File : BF143989.D
 Acq On : 17 Oct 2025 17:16
 Operator : RC/JU
 Sample : Q3352-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 17:36:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	84940	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	333517	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	183894	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	312055	20.000	ng	0.00
76) Chrysene-d12	14.063	240	209178	20.000	ng	0.00
86) Perylene-d12	15.545	264	234382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	780989	146.009	ng	0.02
7) Phenol-d6	6.510	99	891823	139.879	ng	0.00
23) Nitrobenzene-d5	7.446	82	624439	113.750	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	307460	167.862	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1184077	102.169	ng	-0.01
79) Terphenyl-d14	13.004	244	1218467	99.554	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.811	88	127946	51.691	ng	# 78
3) Pyridine	3.528	79	327129	45.399	ng	99
4) n-Nitrosodimethylamine	3.469	42	205585	54.236	ng	93
6) Aniline	6.546	93	148617	15.556	ng	96
8) 2-Chlorophenol	6.669	128	287740	55.033	ng	97
9) Benzaldehyde	6.434	77	145008	29.484	ng	98
10) Phenol	6.528	94	374435	49.124	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	325848	55.341	ng	98
12) 1,3-Dichlorobenzene	6.822	146	331565	52.977	ng	100
13) 1,4-Dichlorobenzene	6.898	146	339080	54.924	ng	99
14) 1,2-Dichlorobenzene	7.051	146	326201	55.163	ng	99
15) Benzyl Alcohol	7.022	79	282063	59.046	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	748612	55.856	ng	99
17) 2-Methylphenol	7.134	107	244806	56.654	ng	99
18) Hexachloroethane	7.393	117	110969	53.897	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	231844	53.125	ng	99
20) 3+4-Methylphenols	7.287	107	270970	54.107	ng	# 65
22) Acetophenone	7.293	105	413141	58.585	ng	99
24) Nitrobenzene	7.463	77	350310	57.464	ng	98
25) Isophorone	7.704	82	635207	54.878	ng	98
26) 2-Nitrophenol	7.781	139	164670	63.004	ng	97
27) 2,4-Dimethylphenol	7.816	122	278723	59.283	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	410216	56.104	ng	98
29) 2,4-Dichlorophenol	8.022	162	272083	55.557	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	272877	56.655	ng	99
31) Naphthalene	8.187	128	823804	54.300	ng	100
32) Benzoic acid	7.928	122	161352	49.588	ng	97
33) 4-Chloroaniline	8.234	127	62053	10.906	ng	97
34) Hexachlorobutadiene	8.304	225	177052	52.900	ng	98
35) Caprolactam	8.604	113	79908m	51.317	ng	
36) 4-Chloro-3-methylphenol	8.716	107	263386	55.989	ng	99
37) 2-Methylnaphthalene	8.875	142	513194	50.781	ng	100
38) 1-Methylnaphthalene	8.975	142	522115	53.263	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	302751	59.566	ng	98
41) Hexachlorocyclopentadiene	9.034	237	249519	118.337	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	203632	54.834	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143989.D
 Acq On : 17 Oct 2025 17:16
 Operator : RC/JU
 Sample : Q3352-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 17:36:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	220540	56.197	ng	99
46) 1,1'-Biphenyl	9.345	154	730778	60.021	ng	99
47) 2-Chloronaphthalene	9.369	162	554506	54.624	ng	97
48) 2-Nitroaniline	9.463	65	198638	61.892	ng	99
49) Acenaphthylene	9.787	152	885274	62.032	ng	100
50) Dimethylphthalate	9.645	163	654970	56.086	ng	100
51) 2,6-Dinitrotoluene	9.704	165	145425	67.156	ng	97
52) Acenaphthene	9.957	154	537847	57.515	ng	99
53) 3-Nitroaniline	9.875	138	53290	20.098	ng	97
54) 2,4-Dinitrophenol	9.987	184	122181	90.476	ng	# 88
55) Dibenzofuran	10.128	168	730006	55.301	ng	99
56) 4-Nitrophenol	10.039	139	199491	99.366	ng	98
57) 2,4-Dinitrotoluene	10.110	165	194353	65.963	ng	99
58) Fluorene	10.475	166	557598	55.980	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	172642	62.146	ng	# 95
60) Diethylphthalate	10.345	149	608476	56.086	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	287821	54.654	ng	97
62) 4-Nitroaniline	10.492	138	139399	54.671	ng	96
63) Azobenzene	10.628	77	647215	57.080	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	94785	60.444	ng	99
66) n-Nitrosodiphenylamine	10.586	169	556624	56.808	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	193069	55.983	ng	98
68) Hexachlorobenzene	11.022	284	225078	56.374	ng	100
69) Atrazine	11.110	200	182413	61.423	ng	98
70) Pentachlorophenol	11.222	266	240521	104.891	ng	99
71) Phenanthrene	11.439	178	834503	55.161	ng	100
72) Anthracene	11.492	178	855144	55.952	ng	99
73) Carbazole	11.645	167	763540	56.408	ng	99
74) Di-n-butylphthalate	11.975	149	958093	61.072	ng	100
75) Fluoranthene	12.633	202	890557	56.990	ng	99
77) Benzidine	12.757	184	98888	13.615	ng	99
78) Pyrene	12.863	202	909793	52.170	ng	99
80) Butylbenzylphthalate	13.480	149	362178	63.948	ng	98
81) Benzo(a)anthracene	14.051	228	816180	59.624	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	81364	19.504	ng	96
83) Chrysene	14.092	228	701861	55.399	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	458629	67.177	ng	99
85) Di-n-octyl phthalate	14.651	149	805297	71.817	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	855372	59.560	ng	98
88) Benzo(b)fluoranthene	15.116	252	752500	55.891	ng	97
89) Benzo(k)fluoranthene	15.145	252	731679	58.731	ng	99
90) Benzo(a)pyrene	15.486	252	717939	61.497	ng	98
91) Dibenzo(a,h)anthracene	17.074	278	696410	60.293	ng	98
92) Benzo(g,h,i)perylene	17.510	276	676691	58.585	ng	97

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

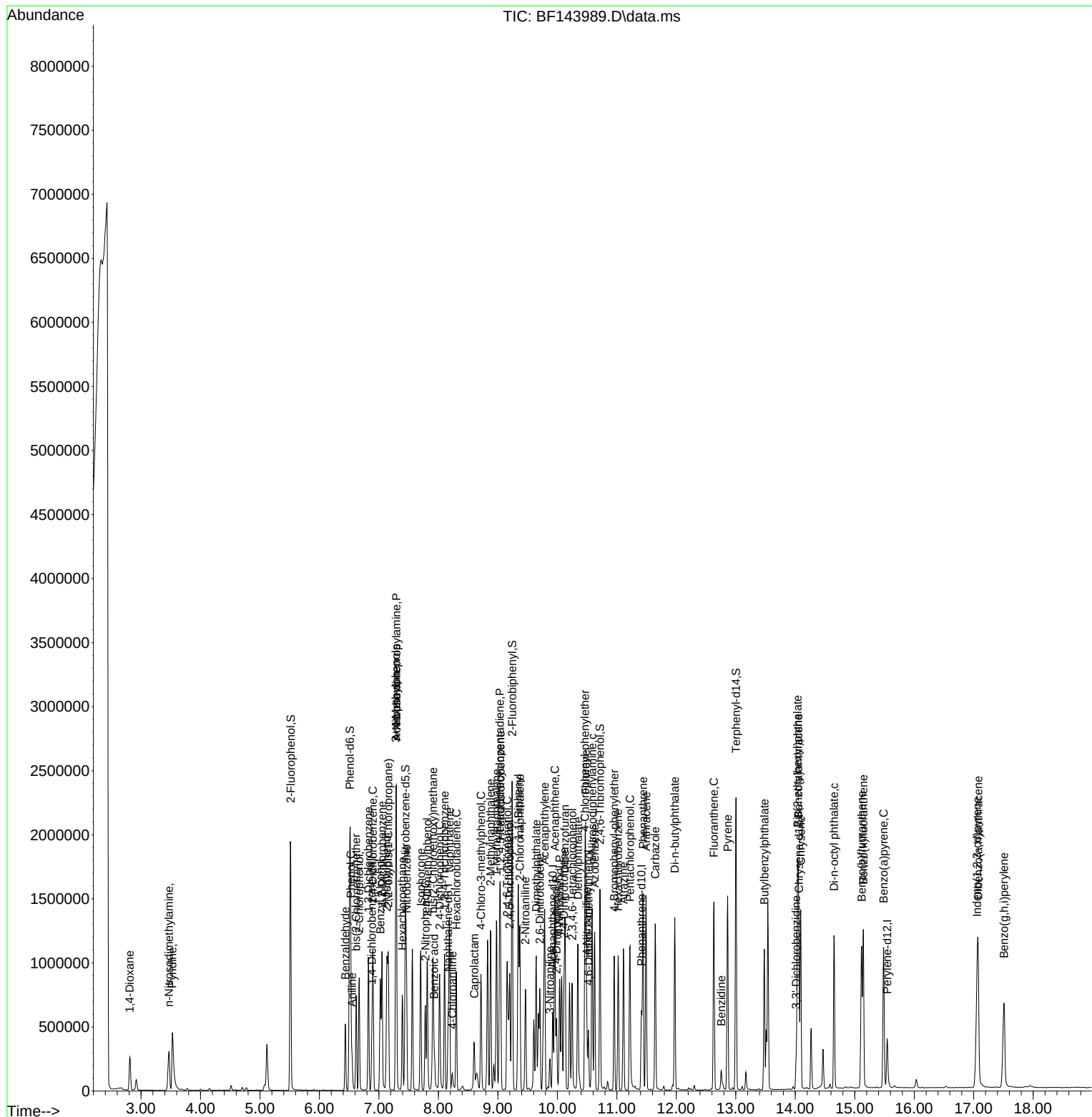
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Data File : BF143989.D
Acq On    : 17 Oct 2025   17:16
Operator  : RC/JU
Sample    : Q3352-04MS
Misc      :
ALS Vial  : 7   Sample Multiplier: 1
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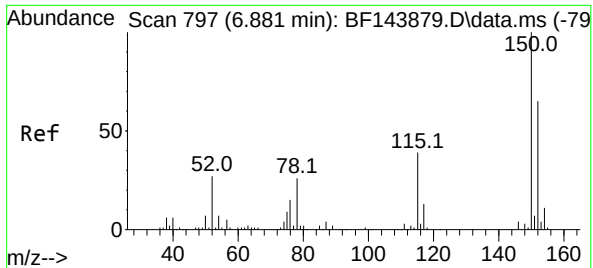
Instrument :
BNA_F
ClientSampleId :
TP-3MS

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Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jaagrut Upadhyay 10/20/2025

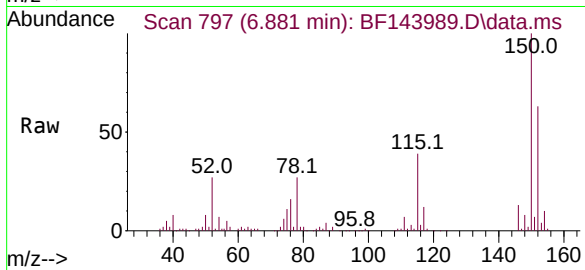
Quant Time: Oct 17 17:36:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

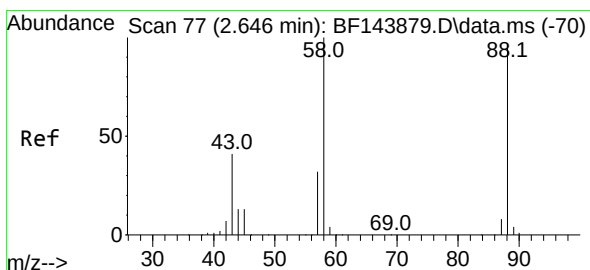
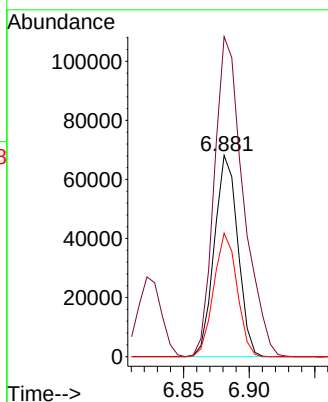
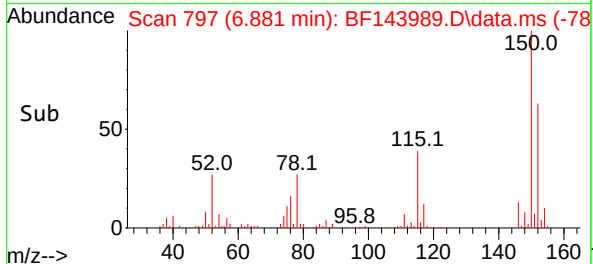
Instrument :
BNA_F
ClientSampleId :
TP-3MS



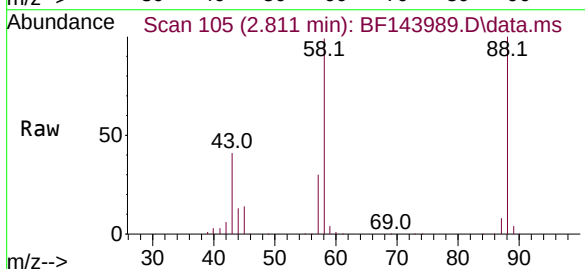
Tgt Ion:152 Resp: 84940
Ion Ratio Lower Upper
152 100
150 159.0 124.4 186.6
115 61.3 48.1 72.1

Manual Integrations
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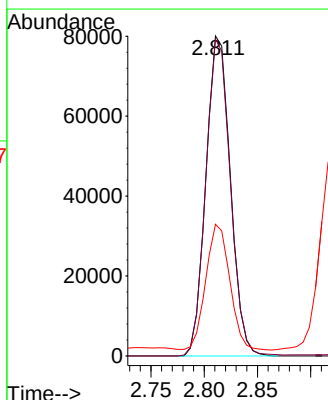
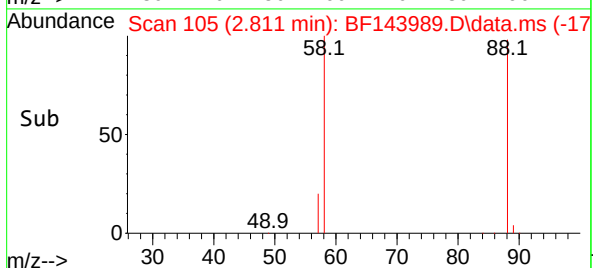
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

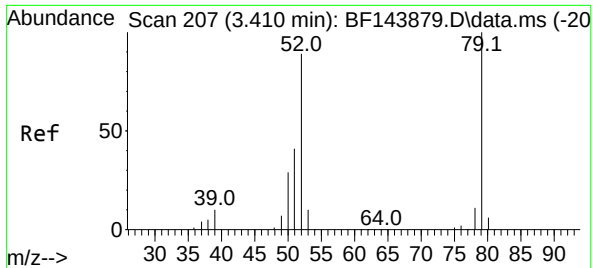


#2
1,4-Dioxane
Concen: 51.691 ng
RT: 2.811 min Scan# 105
Delta R.T. 0.165 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



Tgt Ion: 88 Resp: 127946
Ion Ratio Lower Upper
88 100
58 99.3 83.0 124.6
43 0.0 33.9 50.9





#3

Pyridine

Concen: 45.399 ng

RT: 3.528 min Scan# 217

Delta R.T. 0.112 min

Lab File: BF143989.D

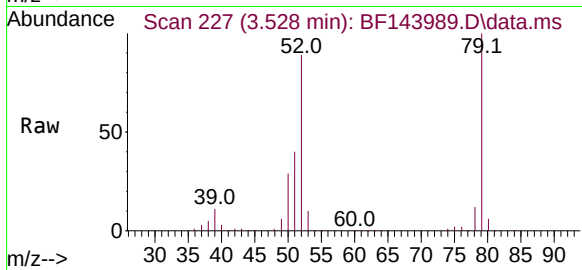
Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS



Tgt Ion: 79 Resp: 327129

Ion Ratio Lower Upper

79 100

52 89.2 71.5 107.3

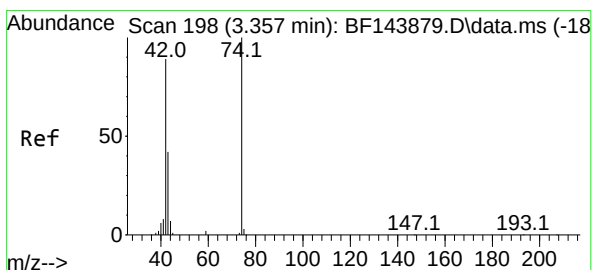
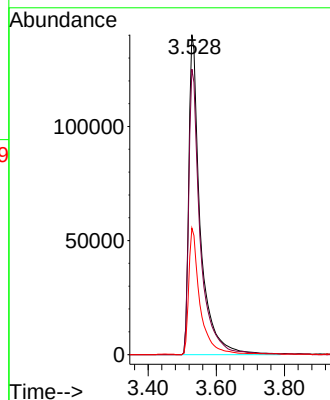
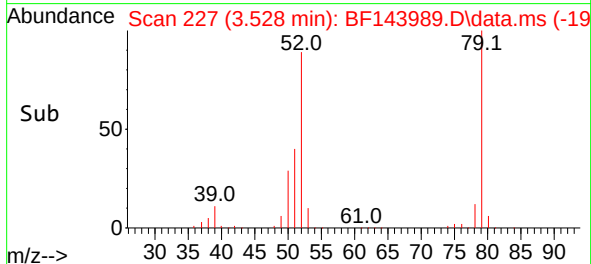
51 39.5 32.9 49.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#4

n-Nitrosodimethylamine

Concen: 54.236 ng

RT: 3.469 min Scan# 217

Delta R.T. 0.083 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

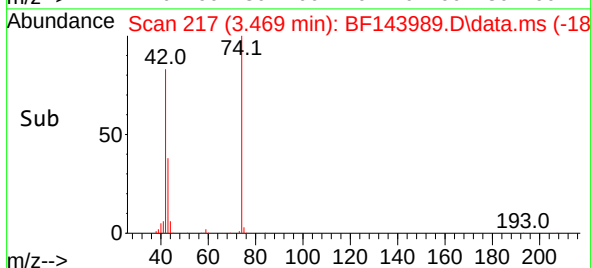
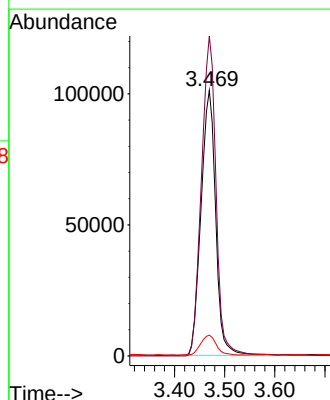
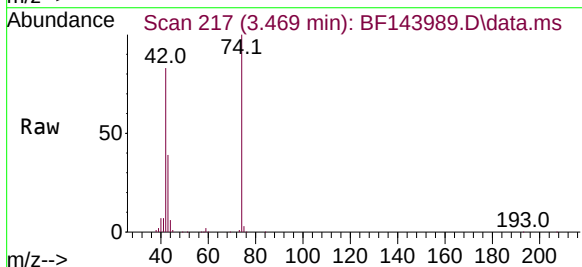
Tgt Ion: 42 Resp: 205585

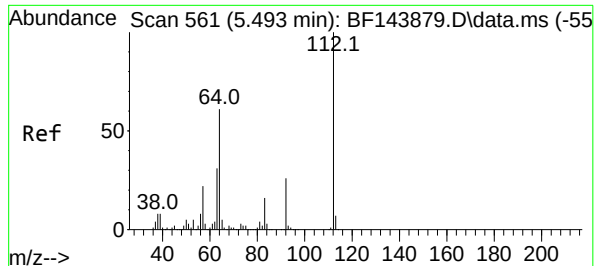
Ion Ratio Lower Upper

42 100

74 120.5 90.0 135.0

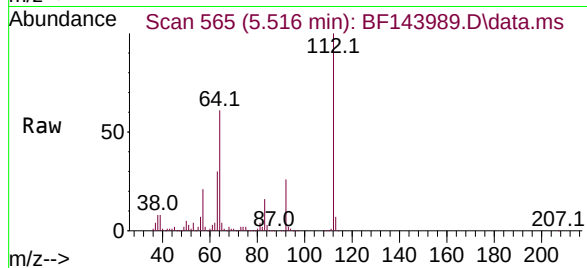
44 7.8 6.2 9.2





#5
2-Fluorophenol
Concen: 146.009 ng
RT: 5.516 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

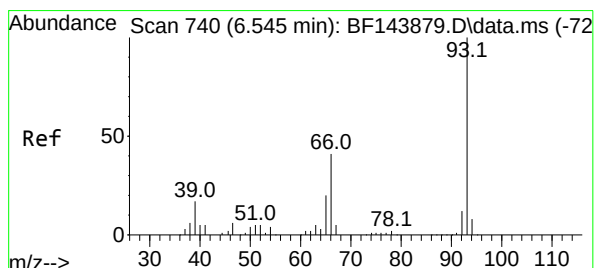
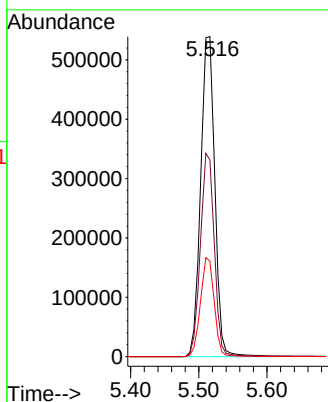
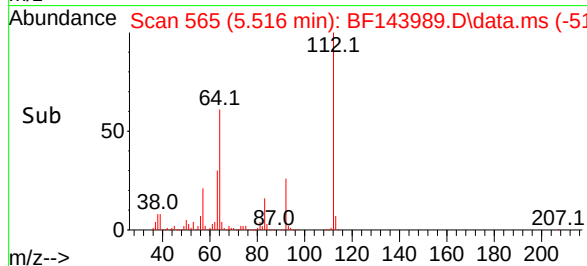
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion: 112 Resp: 780989
Ion Ratio Lower Upper
112 100
64 61.5 49.1 73.7
63 29.8 24.5 36.7

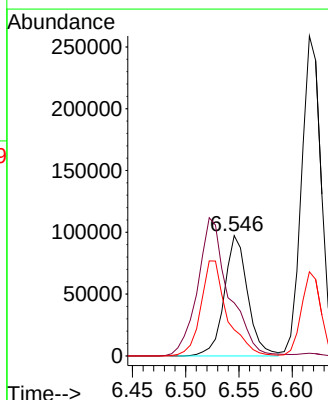
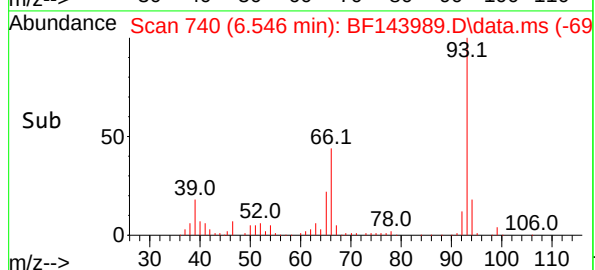
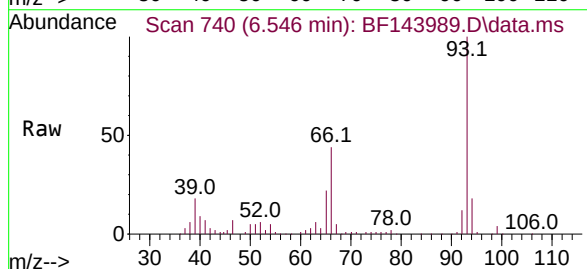
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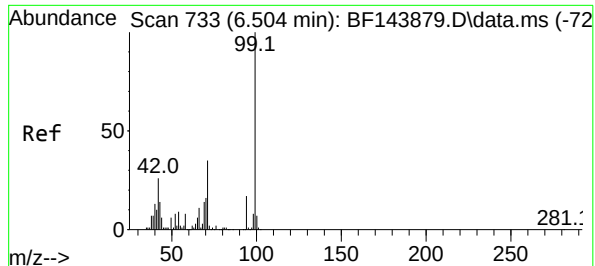
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#6
Aniline
Concen: 15.556 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion: 93 Resp: 148617
Ion Ratio Lower Upper
93 100
66 44.1 33.0 49.6
65 21.7 15.8 23.8





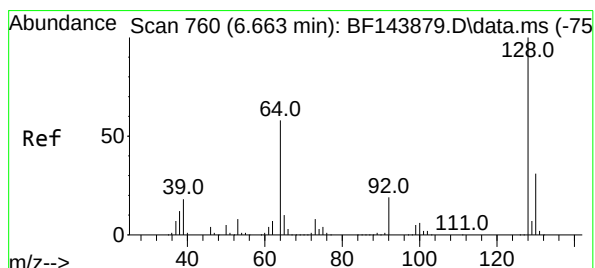
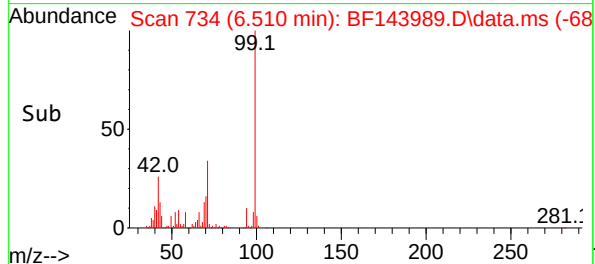
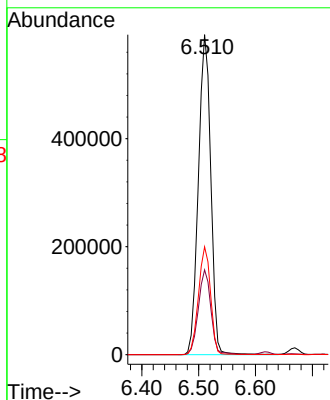
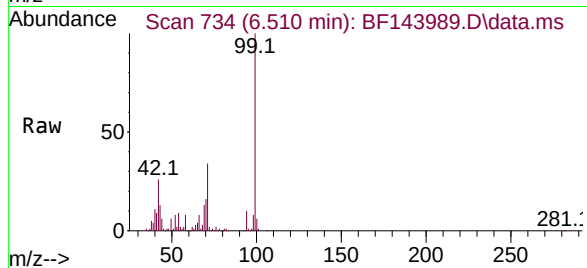
#7
Phenol-d6
Concen: 139.879 ng
RT: 6.510 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 99 Resp: 891823
Ion Ratio Lower Upper
99 100
42 26.5 21.0 31.4
71 33.7 27.8 41.8

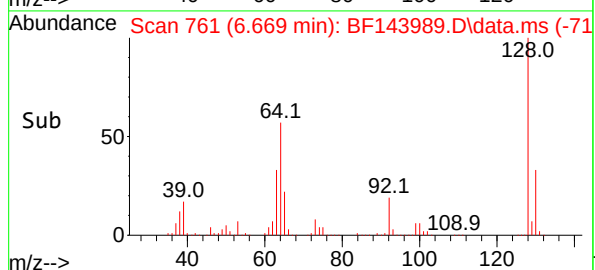
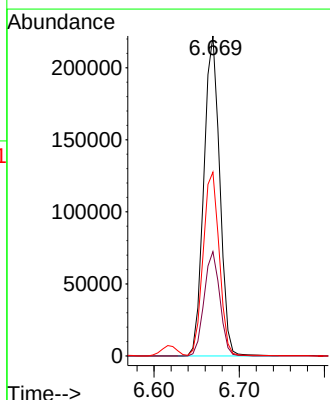
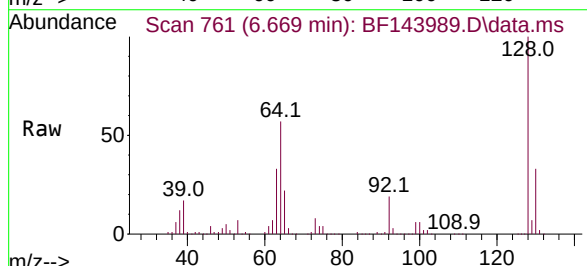
Manual Integrations
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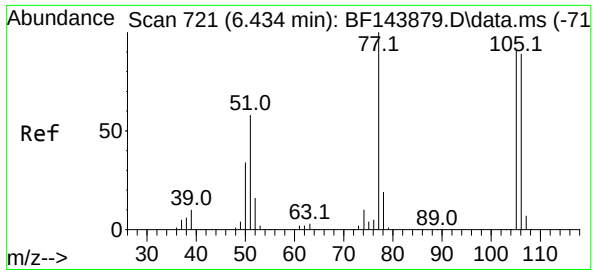
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#8
2-Chlorophenol
Concen: 55.033 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

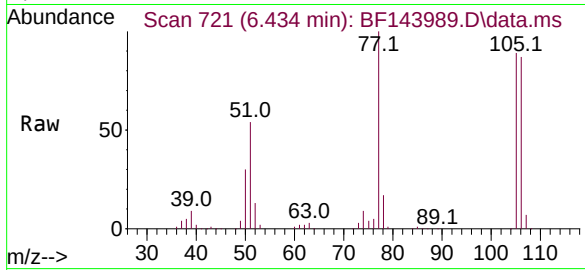
Tgt Ion:128 Resp: 287740
Ion Ratio Lower Upper
128 100
130 32.6 10.7 50.7
64 57.4 39.0 79.0





#9
Benzaldehyde
Concen: 29.484 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

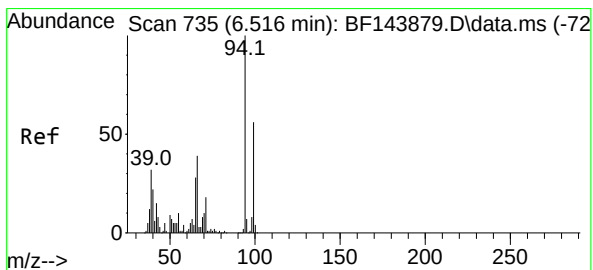
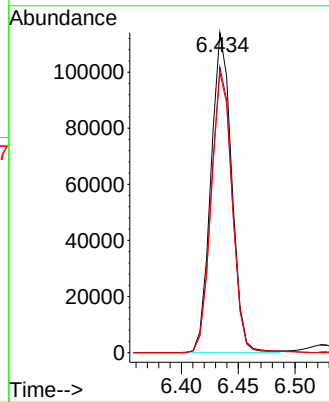
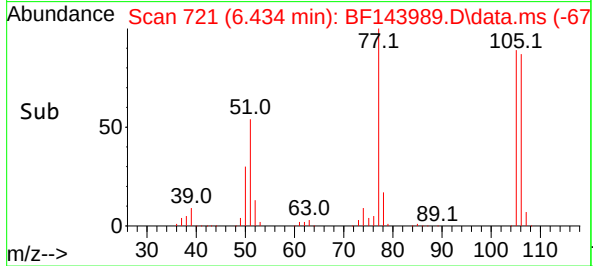
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion: 77 Resp: 145008
Ion Ratio Lower Upper
77 100
105 89.2 70.9 110.9
106 87.4 68.9 108.9

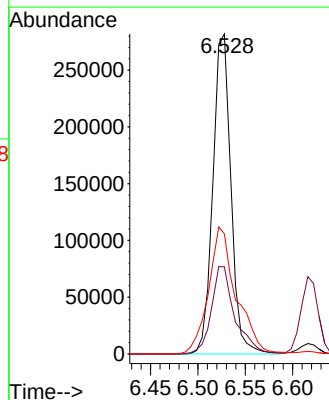
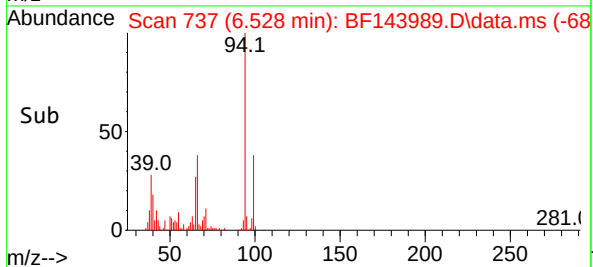
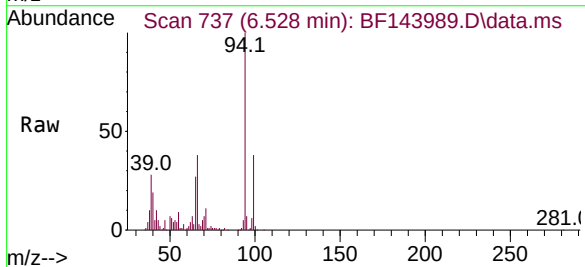
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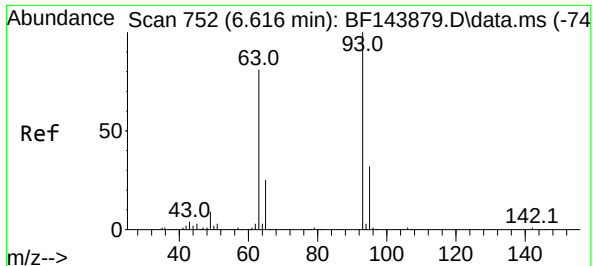
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#10
Phenol
Concen: 49.124 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion: 94 Resp: 374435
Ion Ratio Lower Upper
94 100
65 27.2 8.5 48.5
66 37.5 19.9 59.9





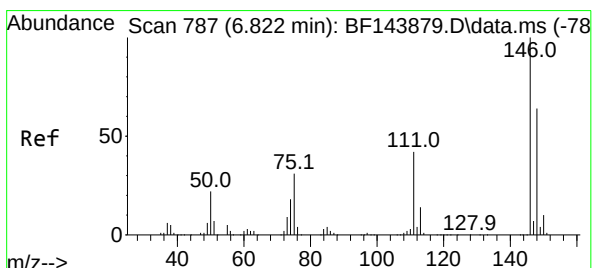
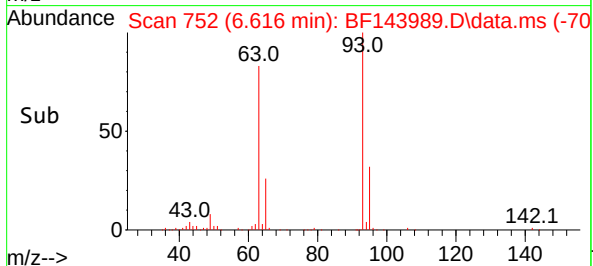
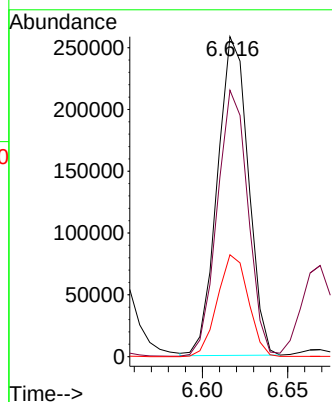
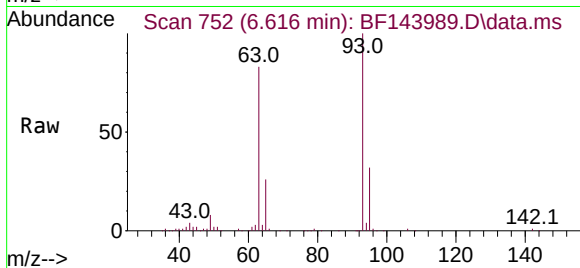
#11
bis(2-Chloroethyl)ether
Concen: 55.341 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 93 Resp: 325848
Ion Ratio Lower Upper
93 100
63 83.2 60.9 100.9
95 31.8 11.5 51.5

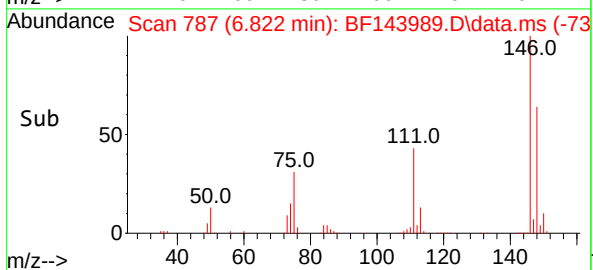
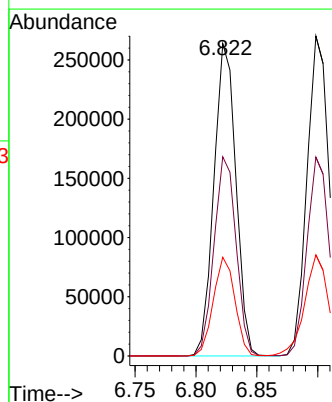
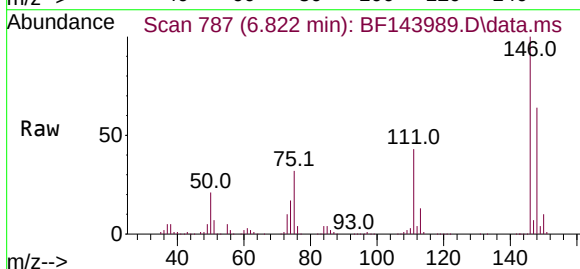
Manual Integrations
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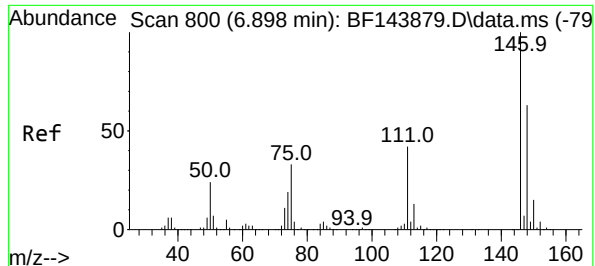
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#12
1,3-Dichlorobenzene
Concen: 52.977 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:146 Resp: 331565
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 54.924 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:146 Resp: 339080

Ion Ratio Lower Upper

146 100

148 62.1 50.5 75.7

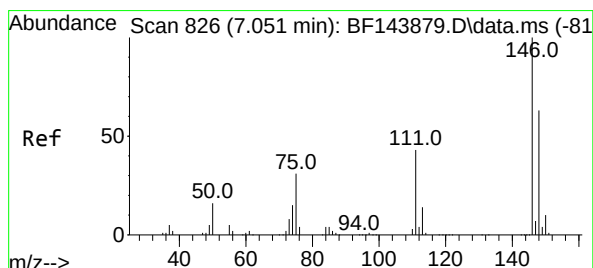
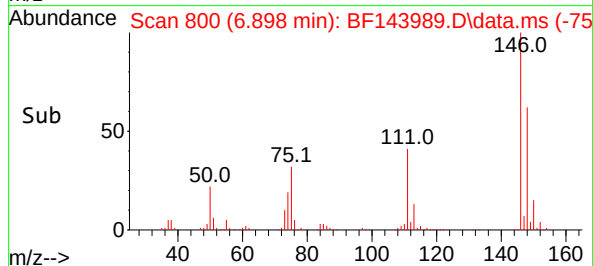
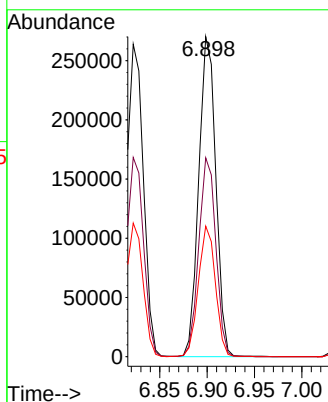
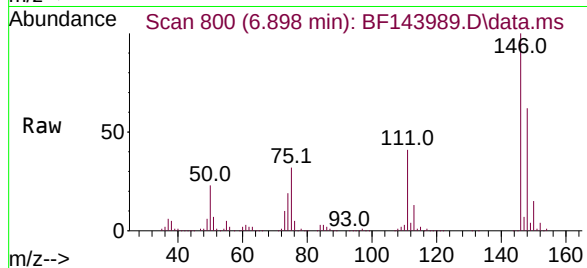
111 40.8 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#14

1,2-Dichlorobenzene

Concen: 55.163 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

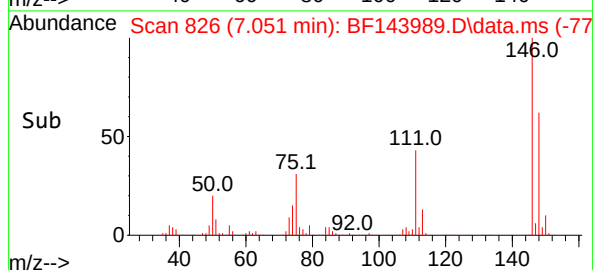
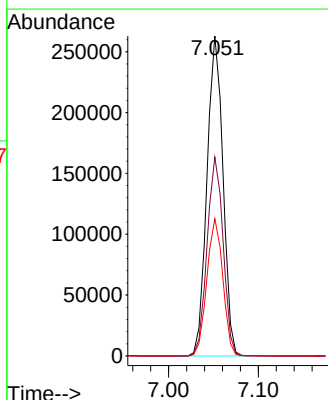
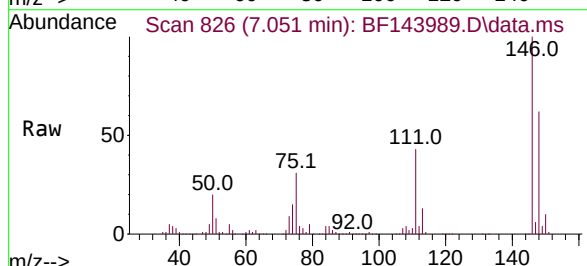
Tgt Ion:146 Resp: 326201

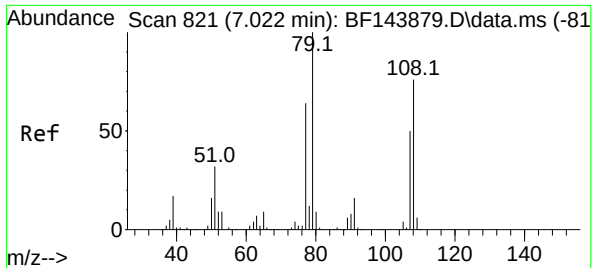
Ion Ratio Lower Upper

146 100

148 62.1 50.6 75.8

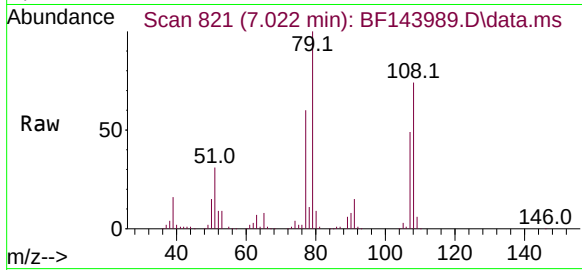
111 42.9 34.6 51.8





#15
Benzyl Alcohol
Concen: 59.046 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

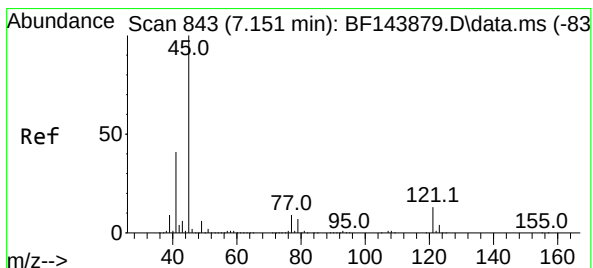
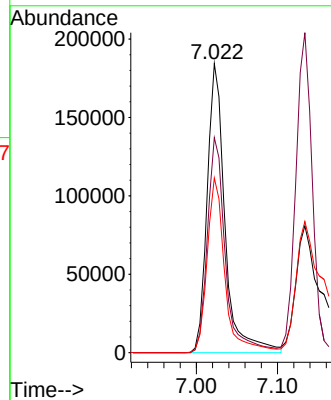
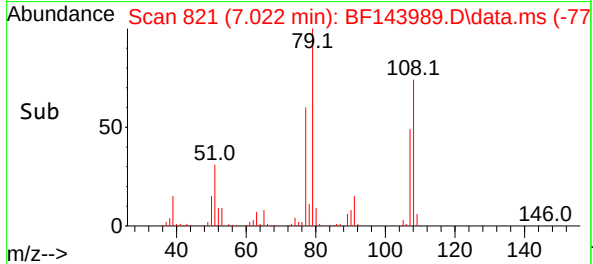
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion: 79 Resp: 282063
Ion Ratio Lower Upper
79 100
108 74.4 60.8 91.2
77 60.5 51.0 76.6

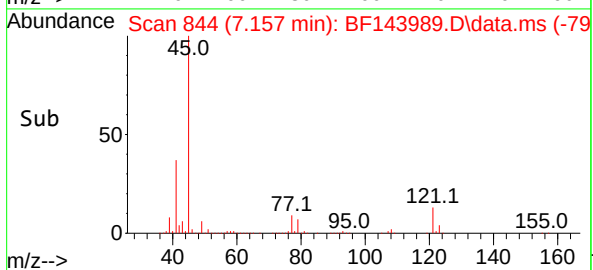
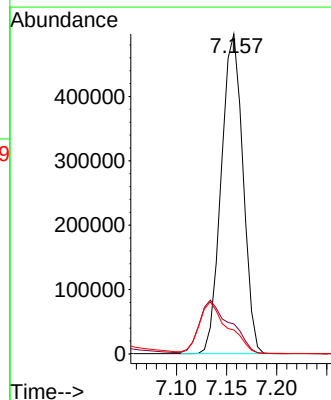
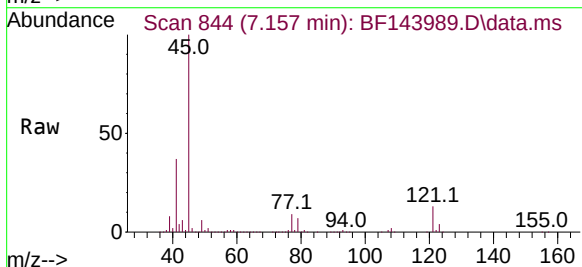
Manual Integrations
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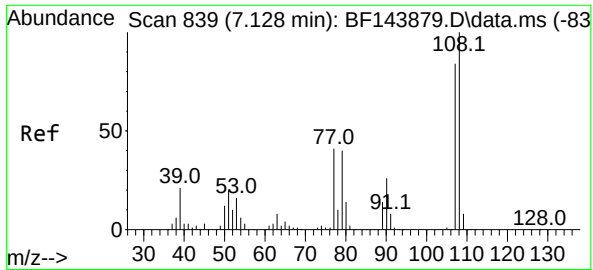
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.856 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

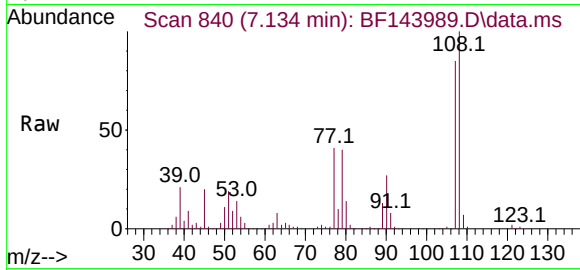
Tgt Ion: 45 Resp: 748612
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.0
79 7.5 0.0 26.8





#17
2-Methylphenol
Concen: 56.654 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

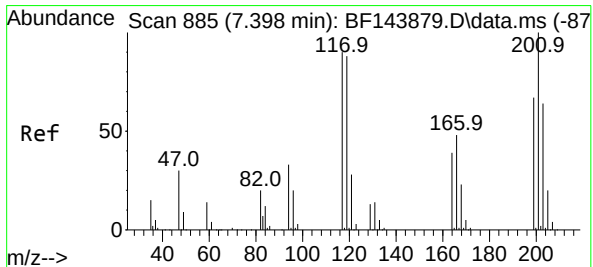
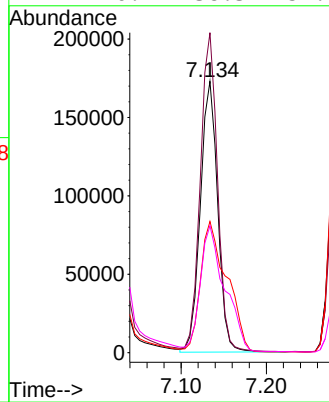
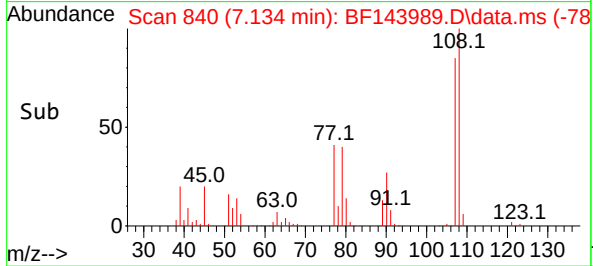
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:107 Resp: 244806
Ion Ratio Lower Upper
107 100
108 117.9 94.7 142.1
77 48.3 38.8 58.2
79 46.7 38.3 57.5

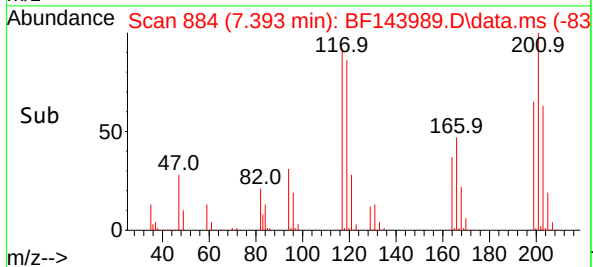
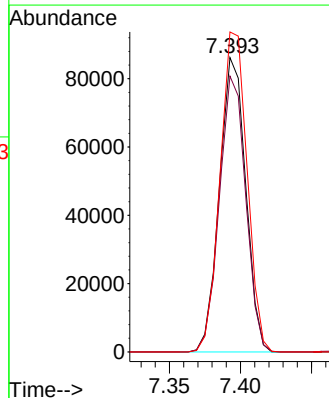
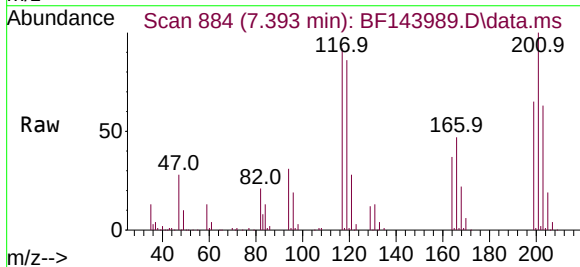
Manual Integrations
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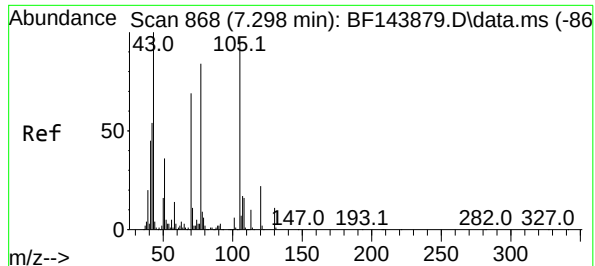
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#18
Hexachloroethane
Concen: 53.897 ng
RT: 7.393 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:117 Resp: 110969
Ion Ratio Lower Upper
117 100
119 93.7 77.8 116.8
201 108.7 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 53.125 ng

RT: 7.293 min Scan# 868

Delta R.T. -0.023 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion: 70 Resp: 231844

Ion Ratio Lower Upper

70 100

42 77.9 62.8 94.2

101 7.8 6.7 10.1

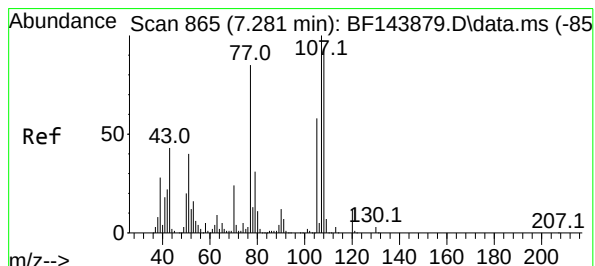
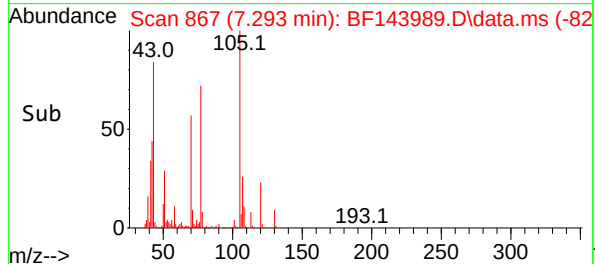
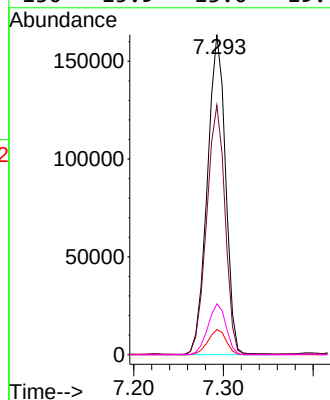
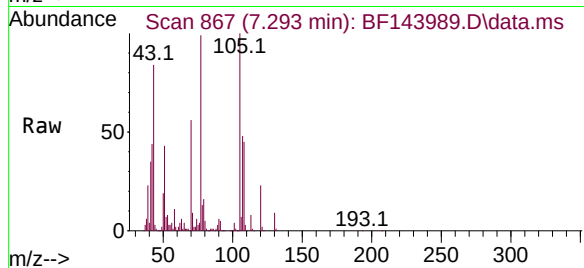
130 15.9 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#20

3+4-Methylphenols

Concen: 54.107 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Tgt Ion:107 Resp: 270970

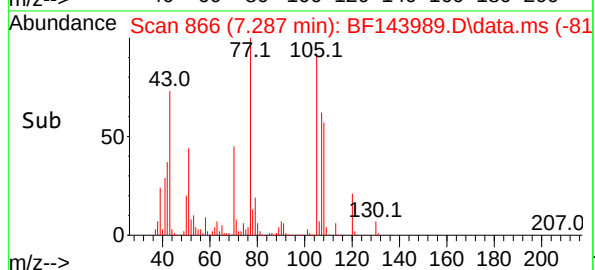
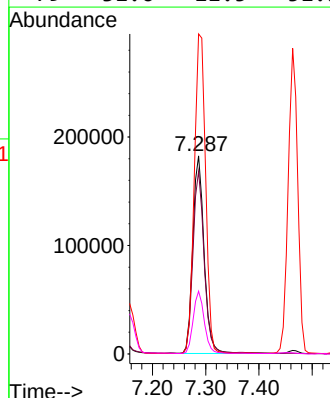
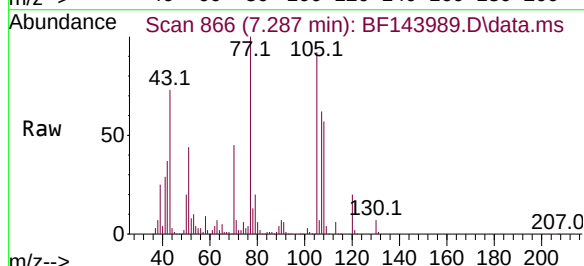
Ion Ratio Lower Upper

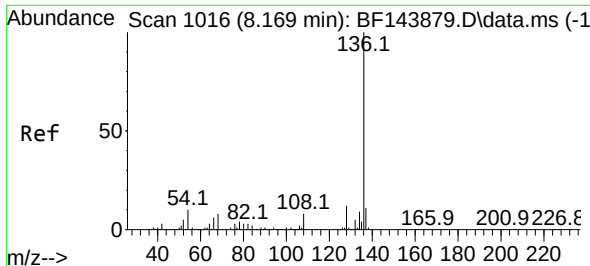
107 100

108 92.3 73.0 113.0

77 161.7 64.6 104.6#

79 31.6 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:136 Resp: 33351

Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 11.2 8.2 12.4

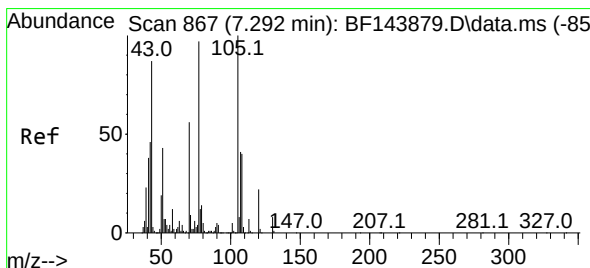
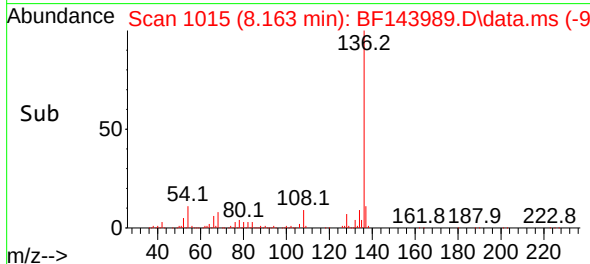
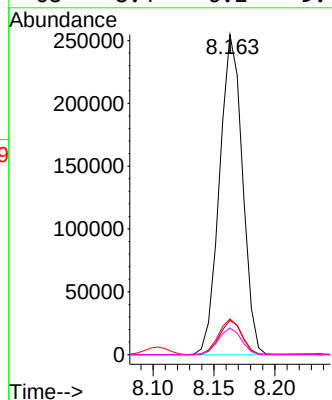
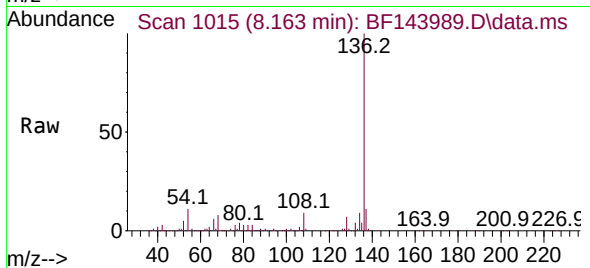
68 8.4 6.2 9.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#22

Acetophenone

Concen: 58.585 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Tgt Ion:105 Resp: 413141

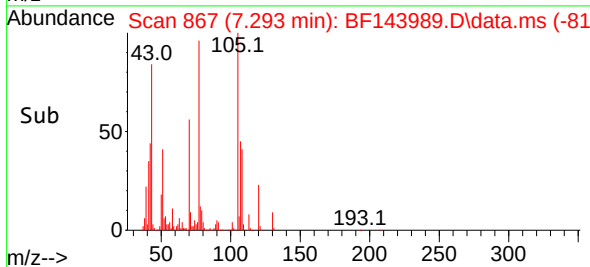
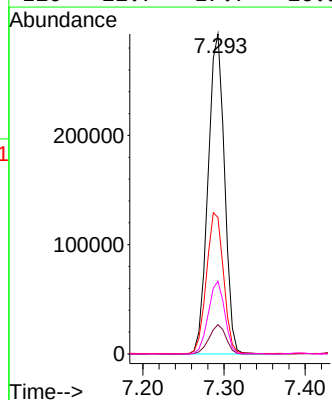
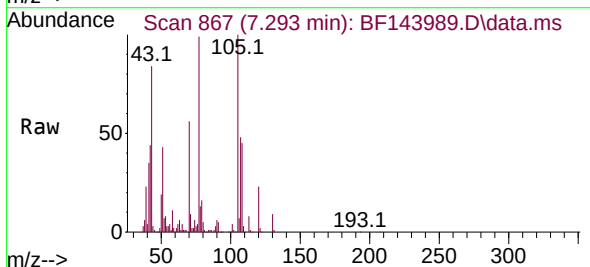
Ion Ratio Lower Upper

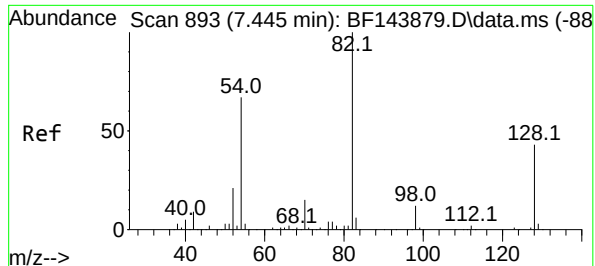
105 100

71 9.1 7.4 11.0

51 42.6 34.2 51.4

120 22.7 17.7 26.5





#23

Nitrobenzene-d5

Concen: 113.750 ng

RT: 7.446 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion: 82 Resp: 624439

Ion Ratio Lower Upper

82 100

128 43.1 34.0 51.0

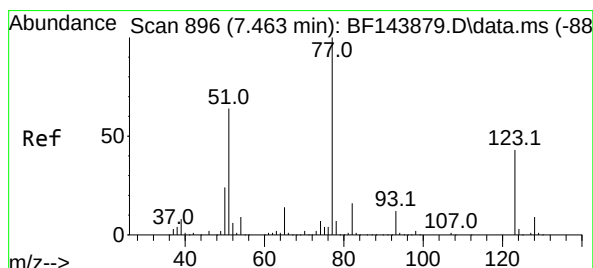
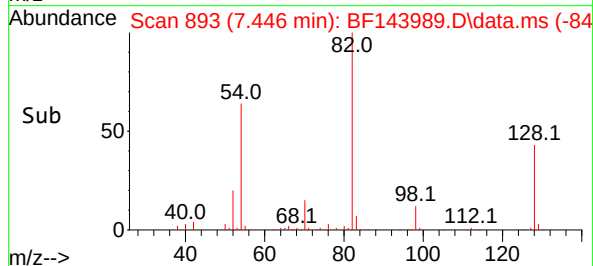
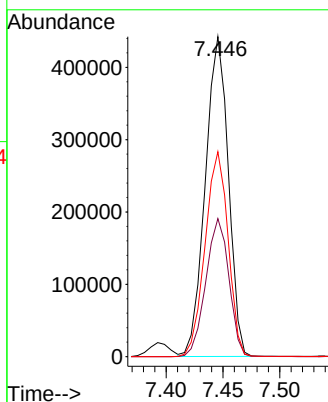
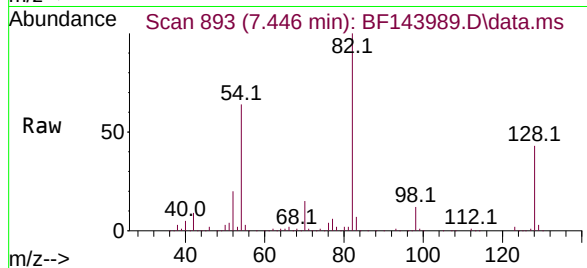
54 64.0 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#24

Nitrobenzene

Concen: 57.464 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

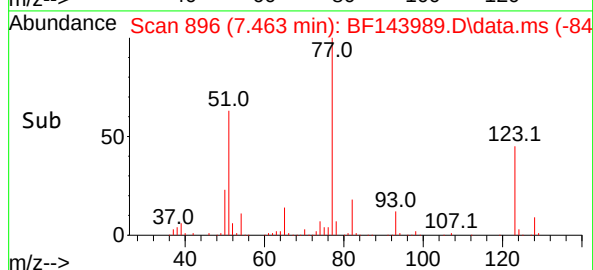
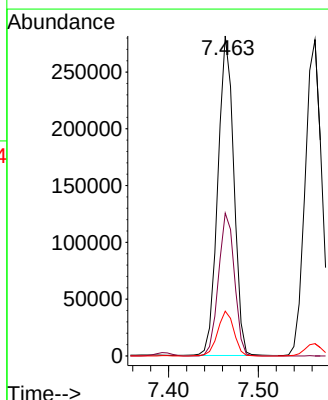
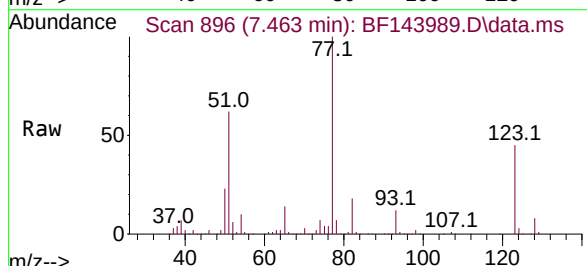
Tgt Ion: 77 Resp: 350310

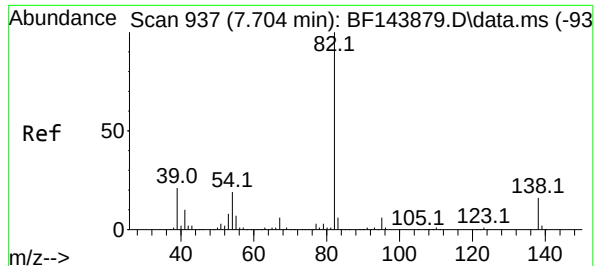
Ion Ratio Lower Upper

77 100

123 44.6 34.2 51.4

65 14.0 11.0 16.6





#25

Isophorone

Concen: 54.878 ng

RT: 7.704 min Scan# 937

Delta R.T. -0.017 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion: 82 Resp: 63520

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

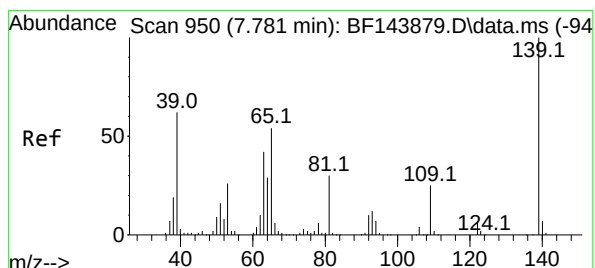
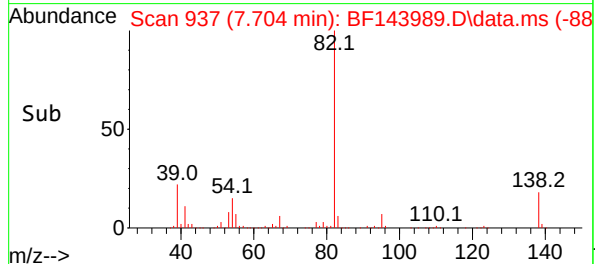
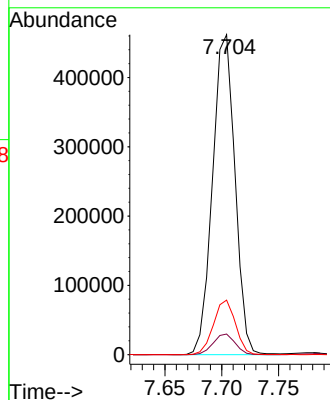
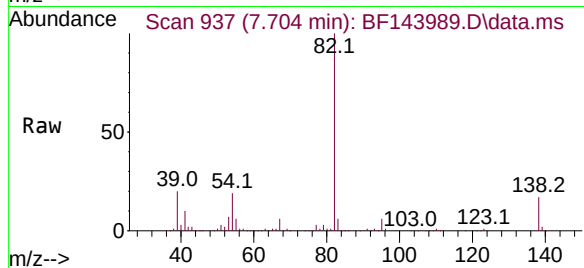
138 17.0 12.9 19.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#26

2-Nitrophenol

Concen: 63.004 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

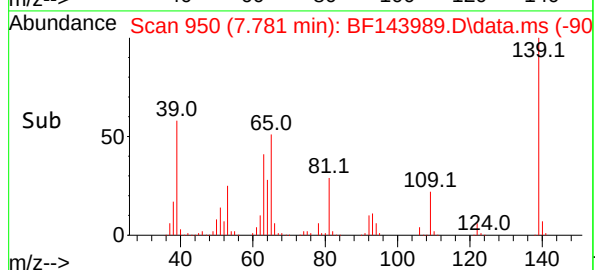
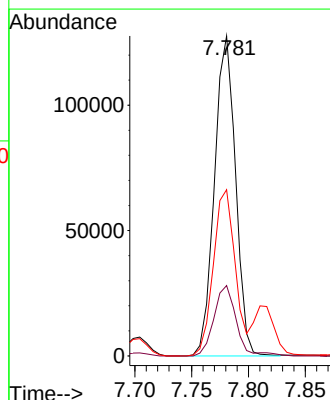
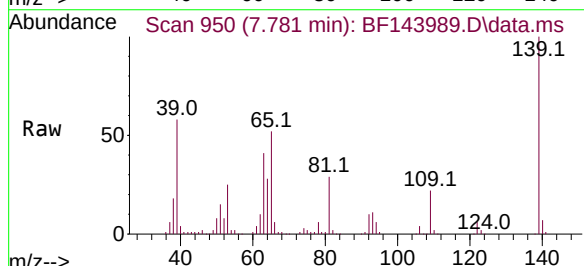
Tgt Ion:139 Resp: 164670

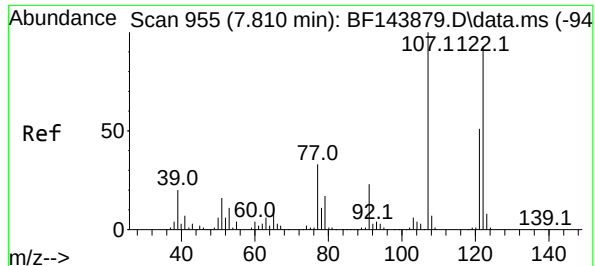
Ion Ratio Lower Upper

139 100

109 22.0 19.8 29.6

65 51.9 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 59.283 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:122 Resp: 278723

Ion Ratio Lower Upper

122 100

107 105.1 86.1 129.1

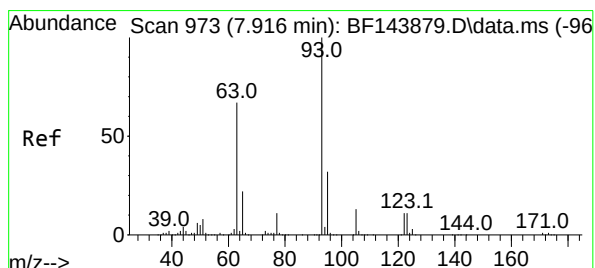
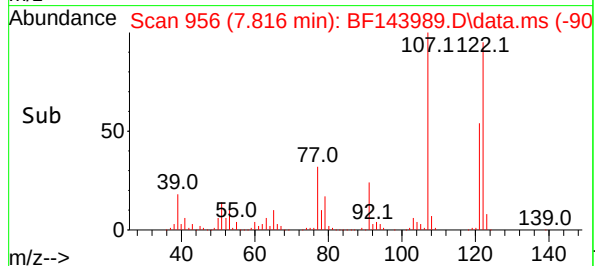
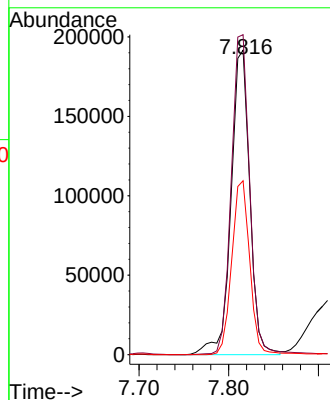
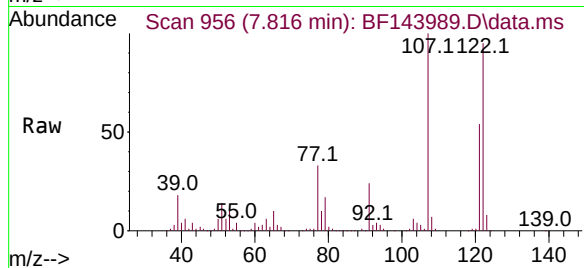
121 57.1 43.8 65.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#28

bis(2-Chloroethoxy)methane

Concen: 56.104 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

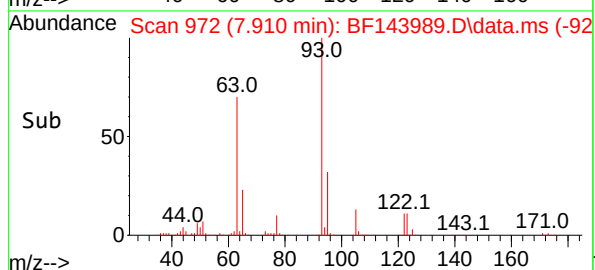
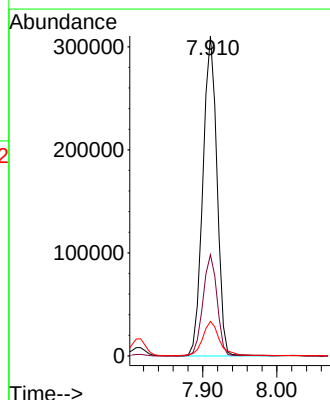
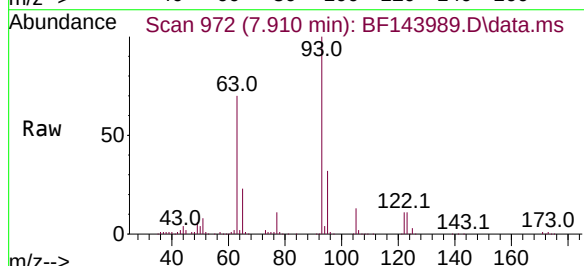
Tgt Ion: 93 Resp: 410216

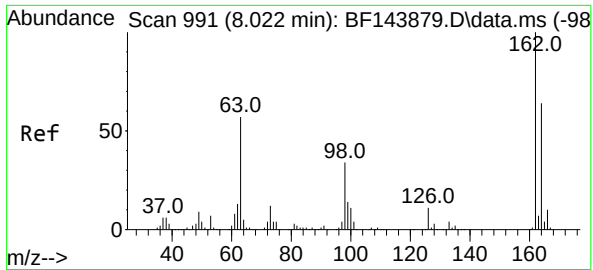
Ion Ratio Lower Upper

93 100

95 31.6 25.9 38.9

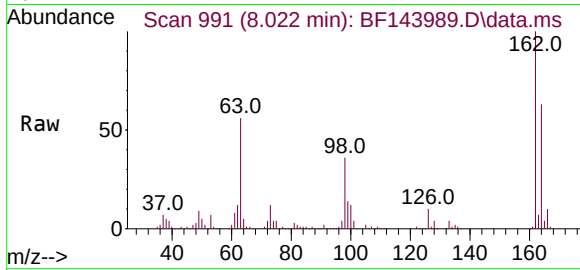
123 10.8 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 55.557 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

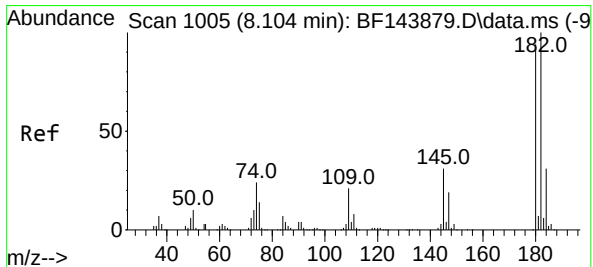
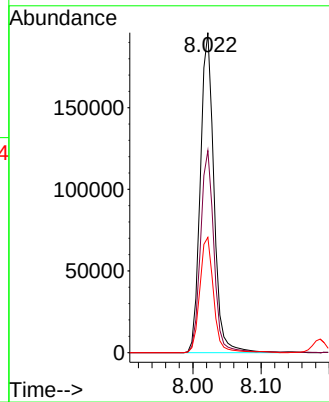
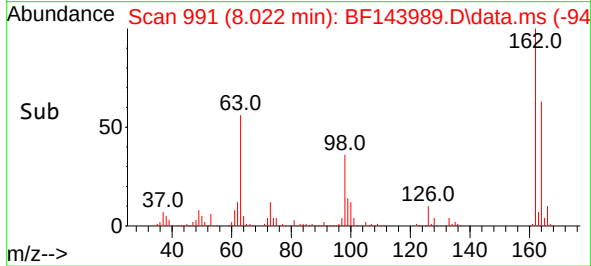
Instrument :
BNA_F
ClientSampleId :
TP-3MS



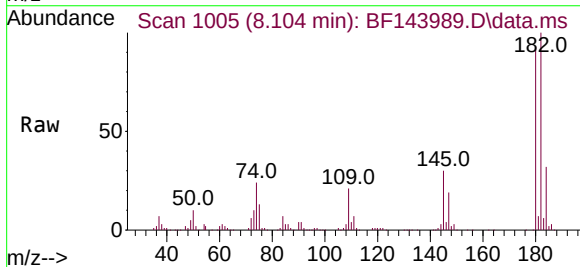
Tgt Ion:162 Resp: 272083
Ion Ratio Lower Upper
162 100
164 63.1 43.9 83.9
98 36.0 14.4 54.4

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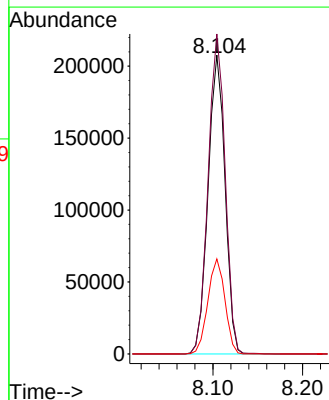
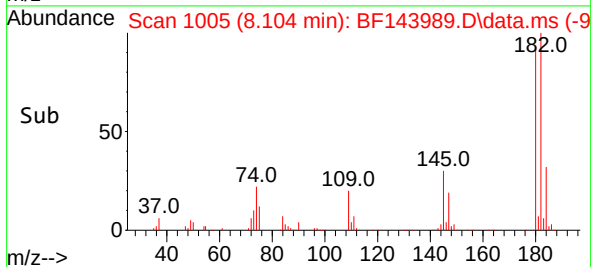
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

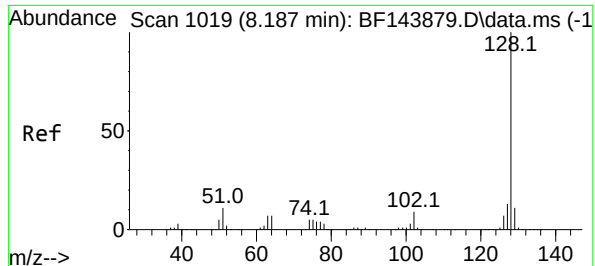


#30
1,2,4-Trichlorobenzene
Concen: 56.655 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



Tgt Ion:180 Resp: 272877
Ion Ratio Lower Upper
180 100
182 107.1 85.4 128.0
145 31.8 26.3 39.5





#31

Naphthalene

Concen: 54.300 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:128 Resp: 823804

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

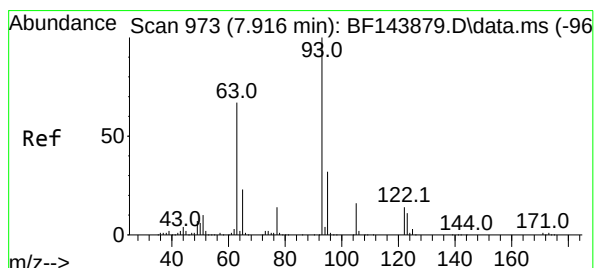
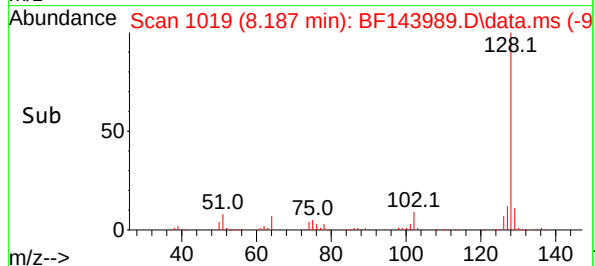
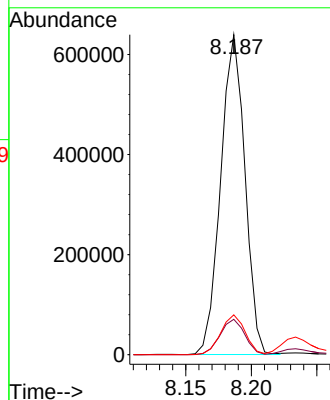
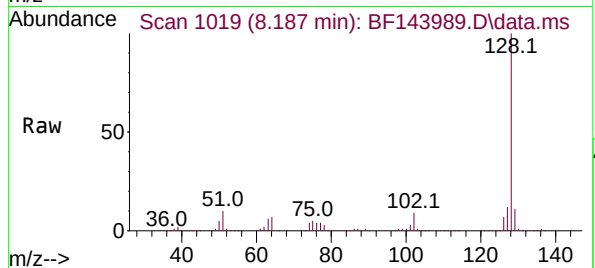
127 12.4 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#32

Benzoic acid

Concen: 49.588 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.035 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

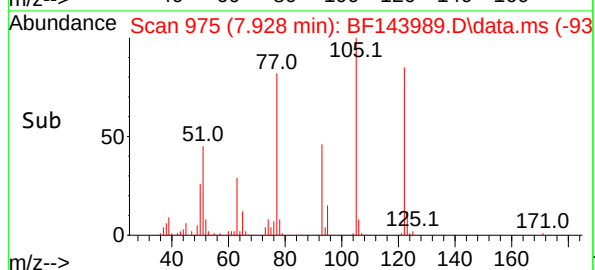
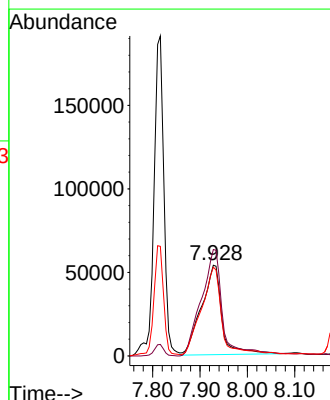
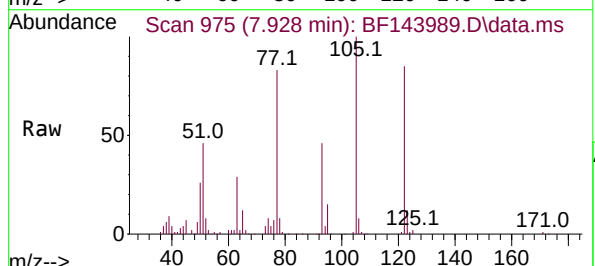
Tgt Ion:122 Resp: 161352

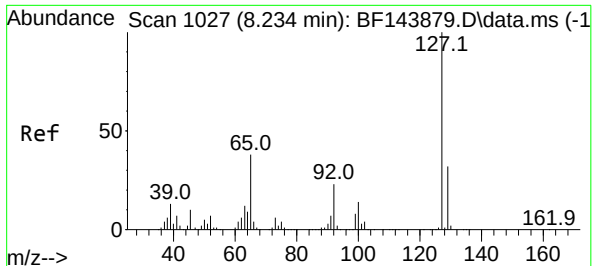
Ion Ratio Lower Upper

122 100

105 117.4 93.5 133.5

77 97.9 76.3 116.3





#33

4-Chloroaniline

Concen: 10.906 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:127 Resp: 62053

Ion Ratio Lower Upper

127 100

129 33.8 25.8 38.8

65 35.3 30.0 45.0

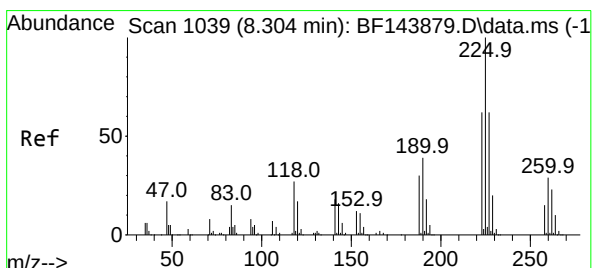
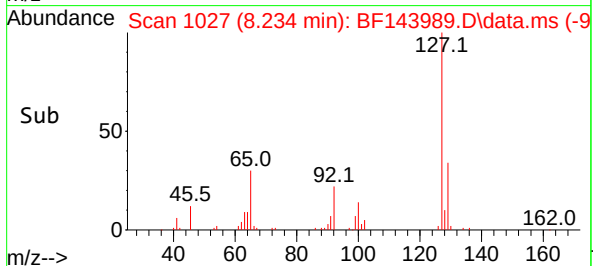
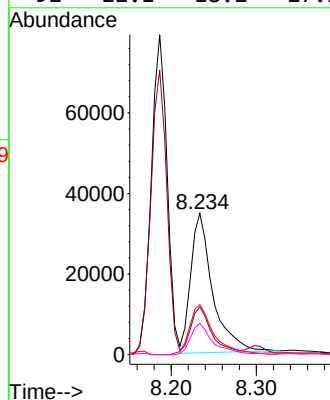
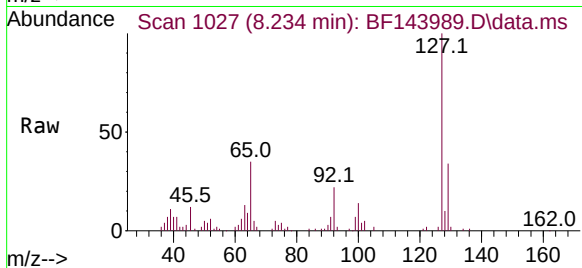
92 22.1 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#34

Hexachlorobutadiene

Concen: 52.900 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

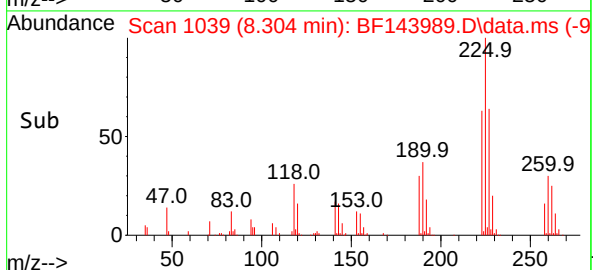
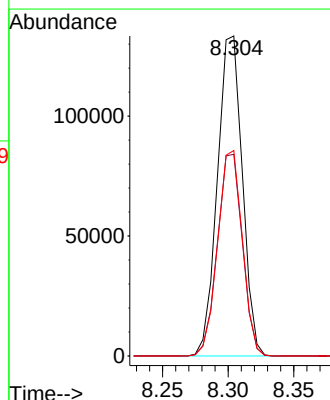
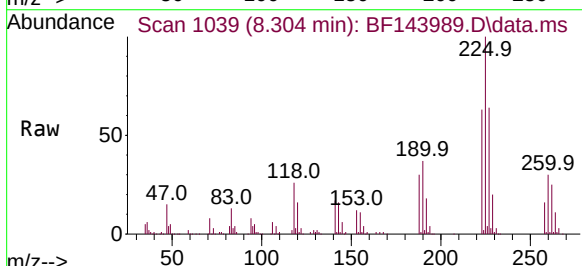
Tgt Ion:225 Resp: 177052

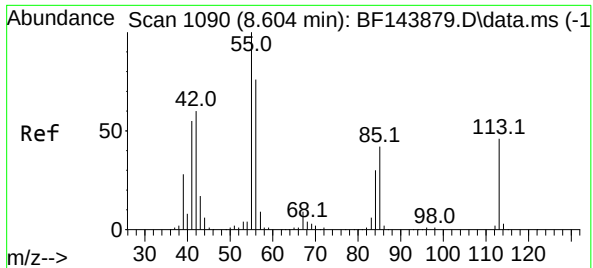
Ion Ratio Lower Upper

225 100

223 63.0 49.4 74.2

227 64.2 49.7 74.5





#35

Caprolactam

Concen: 51.317 ng m

RT: 8.604 min Scan# 1090

Delta R.T. -0.041 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:113 Resp: 79908

Ion Ratio Lower Upper

113 100

55 220.3 199.6 239.6

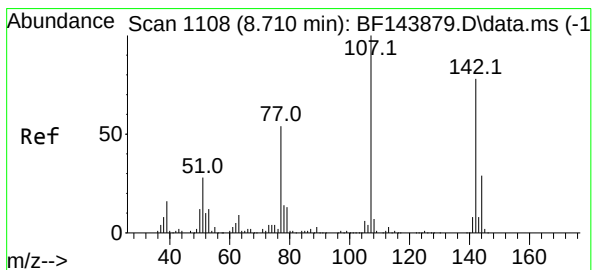
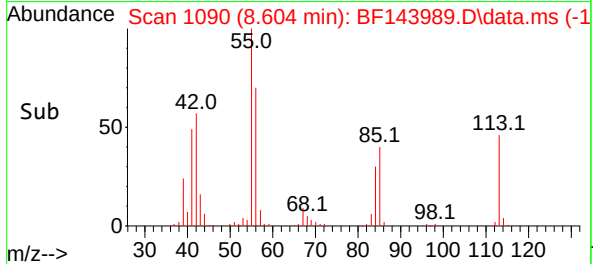
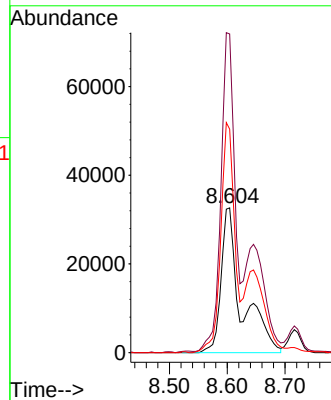
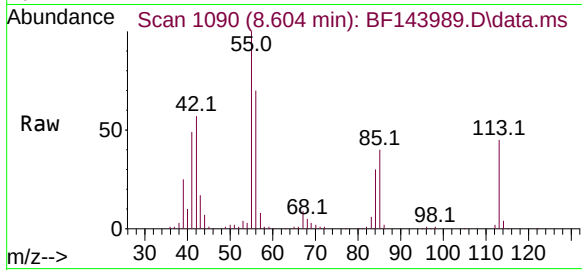
56 154.5 146.0 186.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#36

4-Chloro-3-methylphenol

Concen: 55.989 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

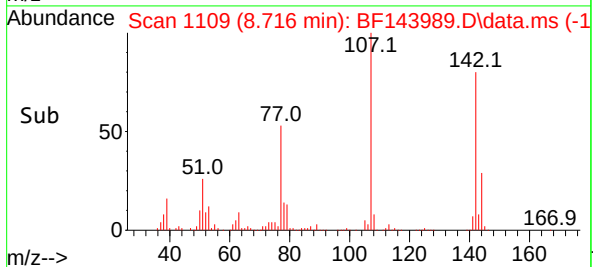
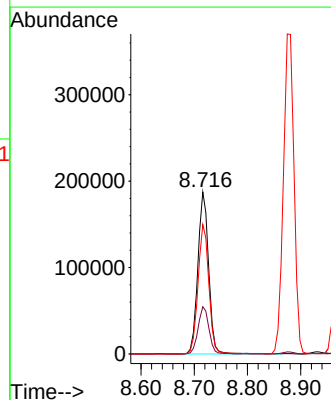
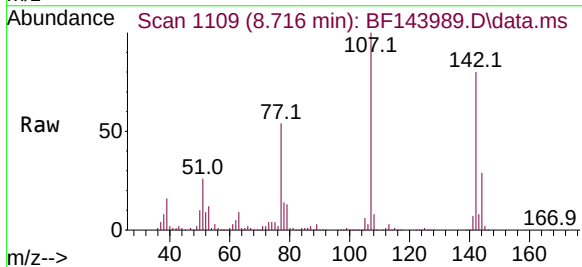
Tgt Ion:107 Resp: 263386

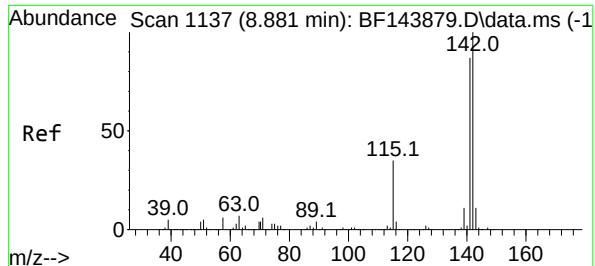
Ion Ratio Lower Upper

107 100

144 29.1 23.1 34.7

142 79.9 62.6 94.0





#37

2-Methylnaphthalene

Concen: 50.781 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:142 Resp: 513194

Ion Ratio Lower Upper

142 100

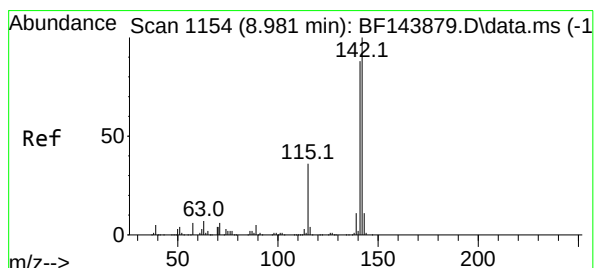
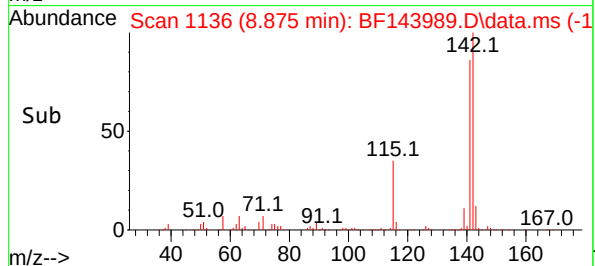
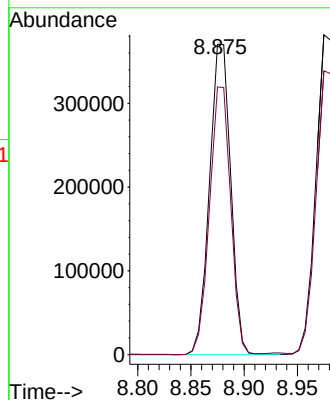
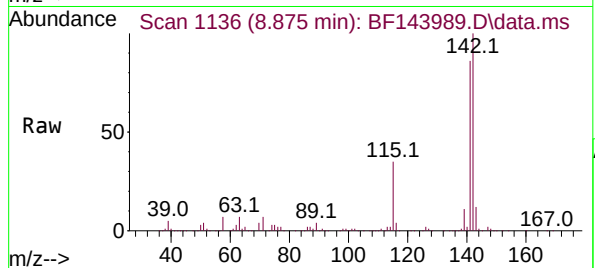
141 86.2 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#38

1-Methylnaphthalene

Concen: 53.263 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143989.D

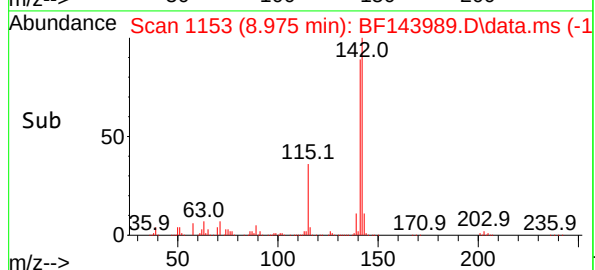
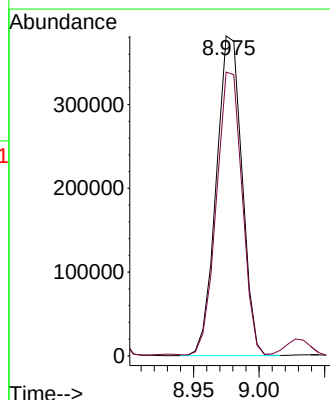
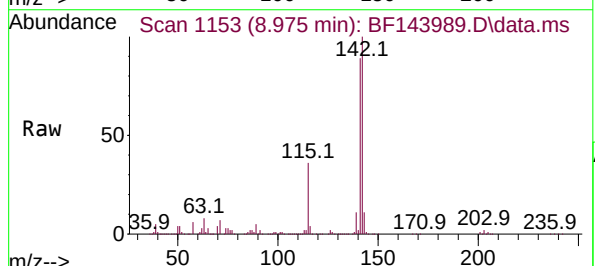
Acq: 17 Oct 2025 17:16

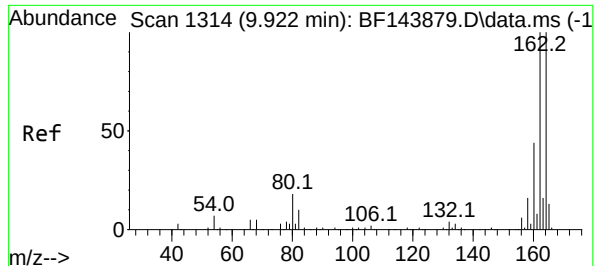
Tgt Ion:142 Resp: 522115

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143989.D

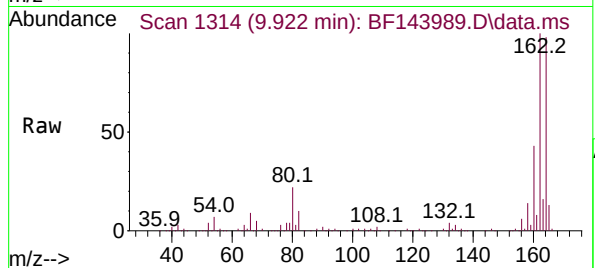
Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS



Tgt Ion:164 Resp: 183894

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

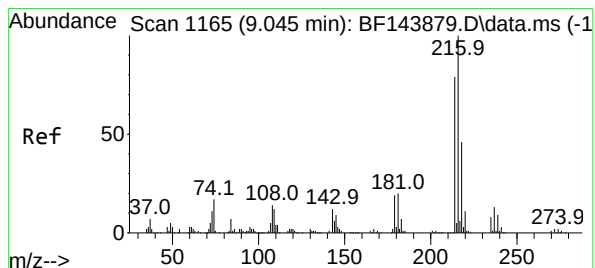
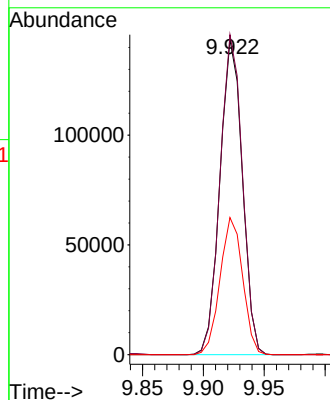
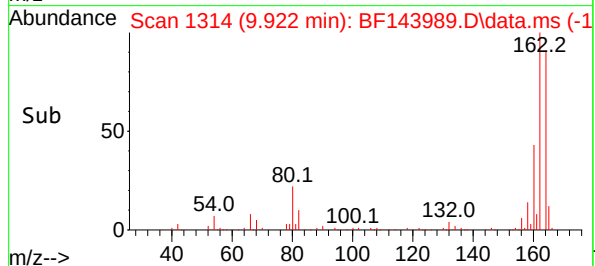
160 43.5 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#40

1,2,4,5-Tetrachlorobenzene

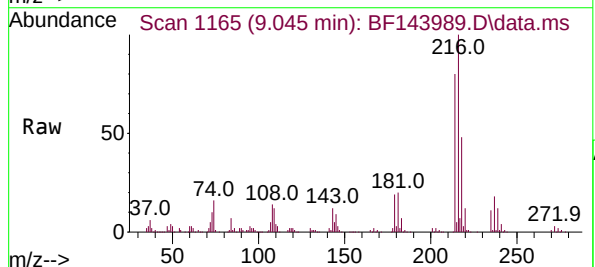
Concen: 59.566 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16



Tgt Ion:216 Resp: 302751

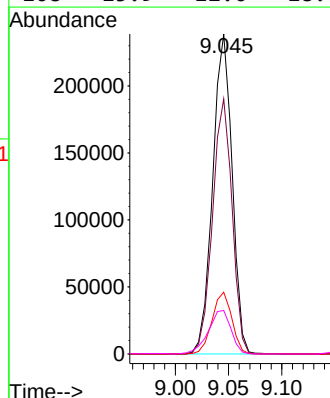
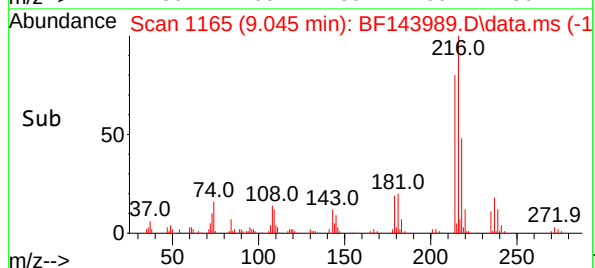
Ion Ratio Lower Upper

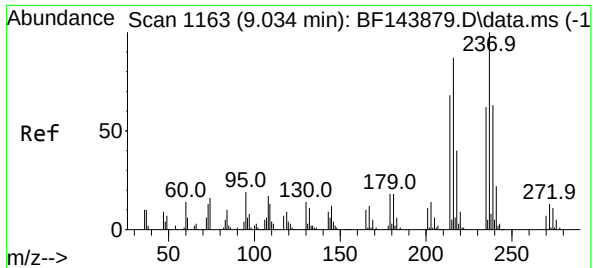
216 100

214 80.1 62.6 94.0

179 19.6 15.4 23.0

108 15.9 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 118.337 ng

RT: 9.034 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:237 Resp: 249519

Ion Ratio Lower Upper

237 100

235 62.8 42.3 82.3

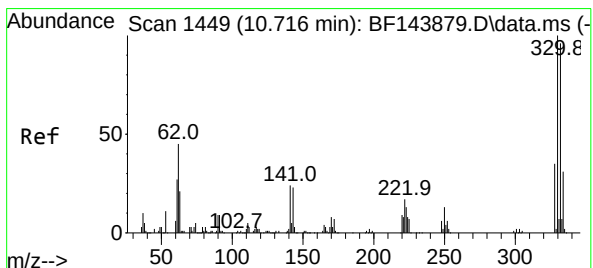
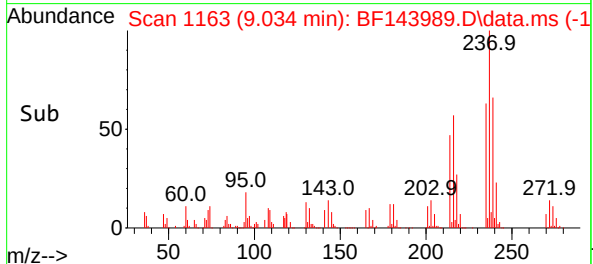
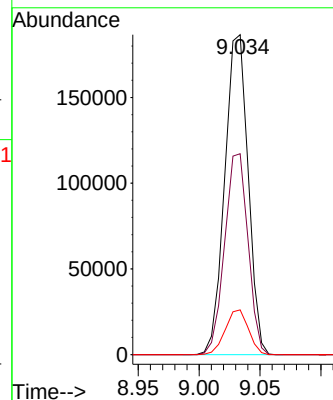
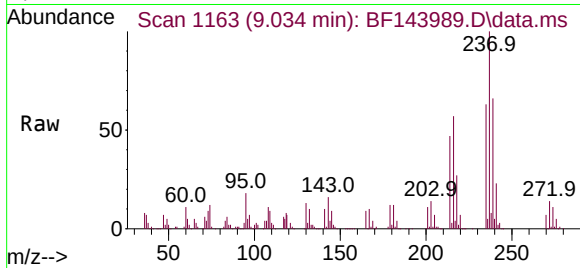
272 14.0 0.0 33.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#42

2,4,6-Tribromophenol

Concen: 167.862 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

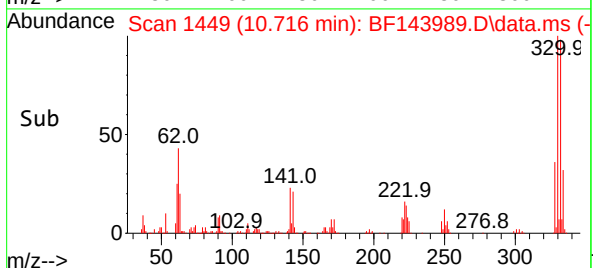
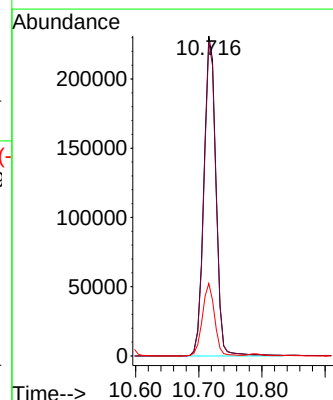
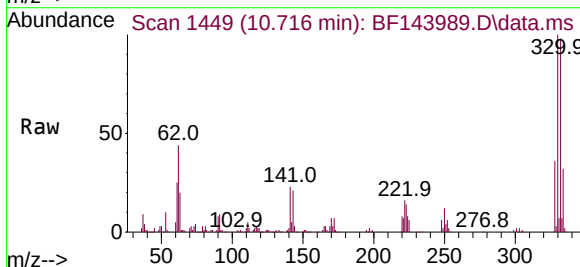
Tgt Ion:330 Resp: 307460

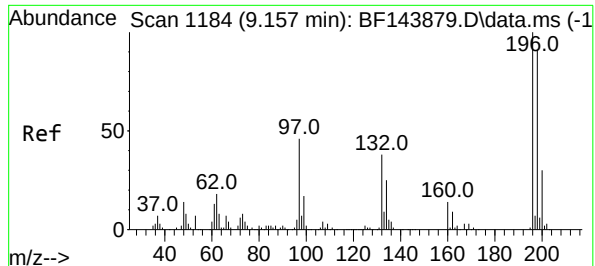
Ion Ratio Lower Upper

330 100

332 97.6 76.9 115.3

141 22.9 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 54.834 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:196 Resp: 203632

Ion Ratio Lower Upper

196 100

198 94.5 72.8 109.2

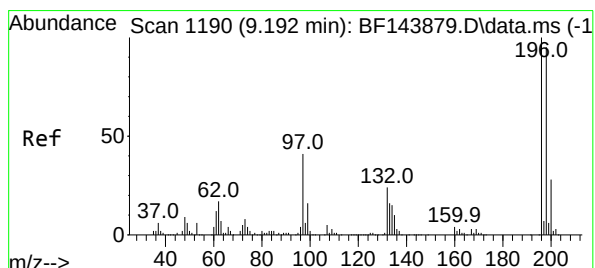
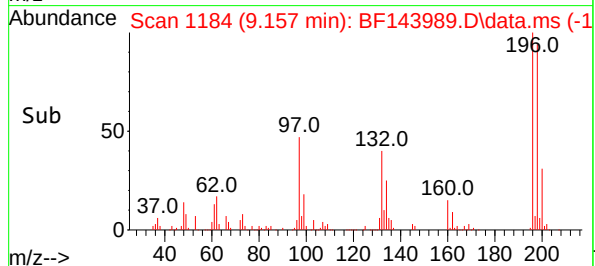
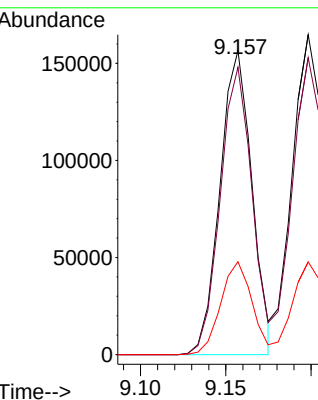
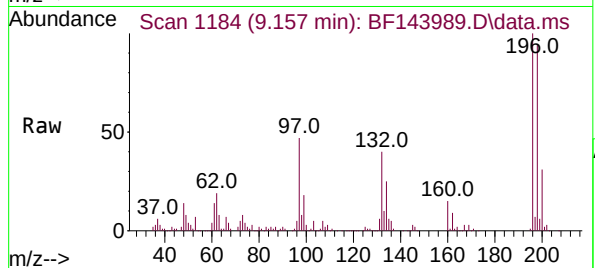
200 30.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#44

2,4,5-Trichlorophenol

Concen: 56.197 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Tgt Ion:196 Resp: 220540

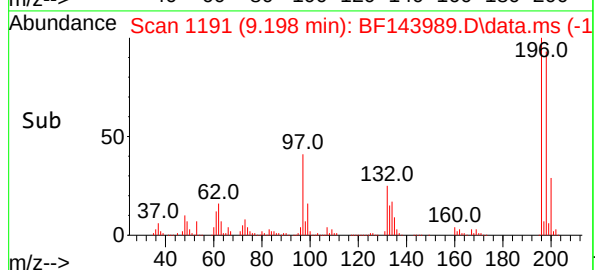
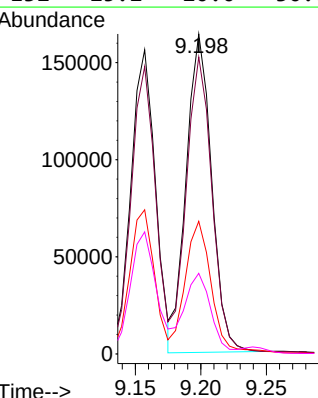
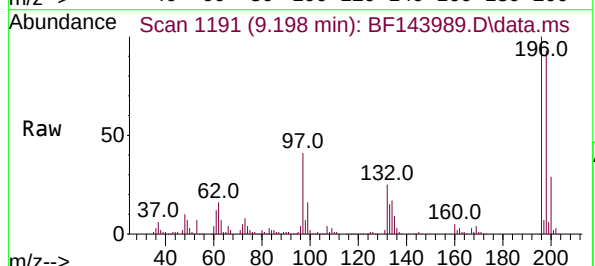
Ion Ratio Lower Upper

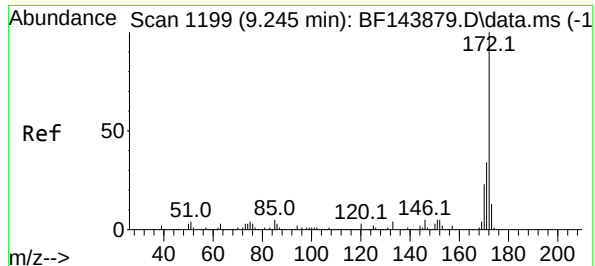
196 100

198 92.8 75.5 113.3

97 41.5 33.9 50.9

132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 102.169 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:172 Resp: 118407

Ion Ratio Lower Upper

172 100

171 34.0 27.4 41.0

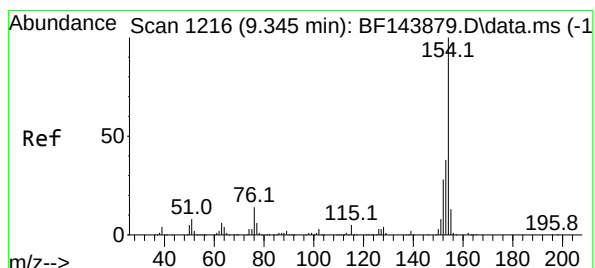
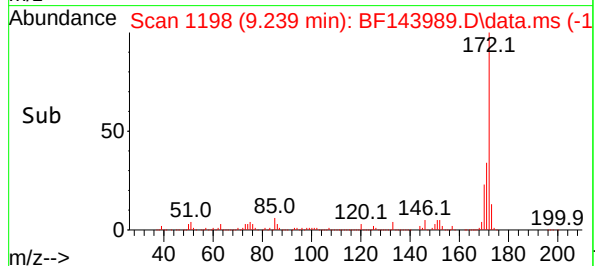
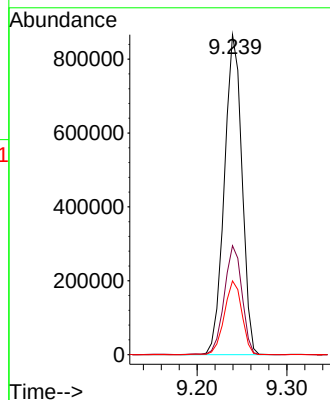
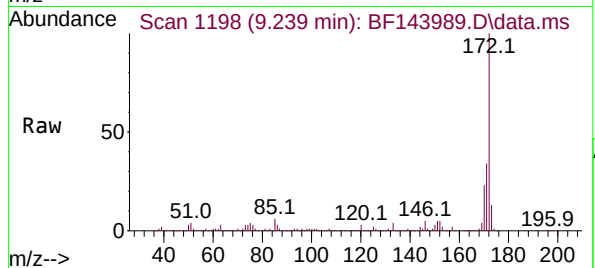
170 23.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#46

1,1'-Biphenyl

Concen: 60.021 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

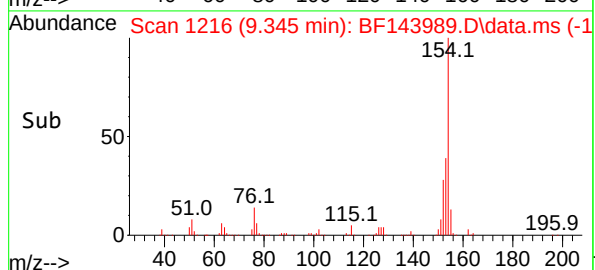
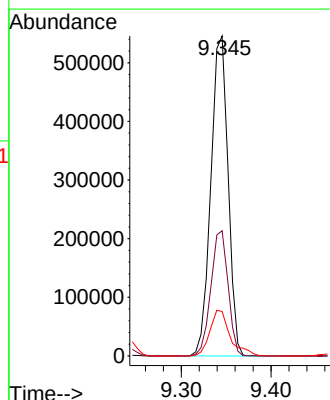
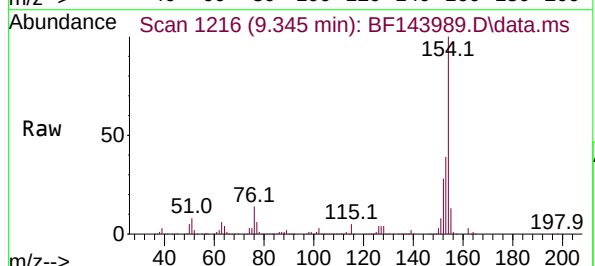
Tgt Ion:154 Resp: 730778

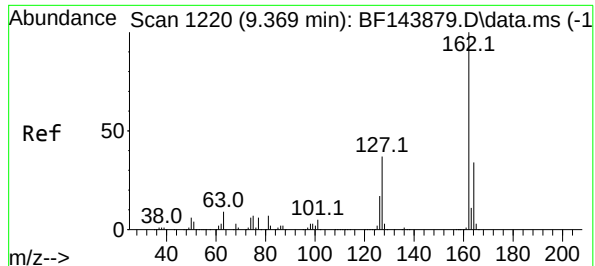
Ion Ratio Lower Upper

154 100

153 39.1 18.4 58.4

76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 54.624 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:162 Resp: 554506

Ion Ratio Lower Upper

162 100

127 35.7 30.2 45.2

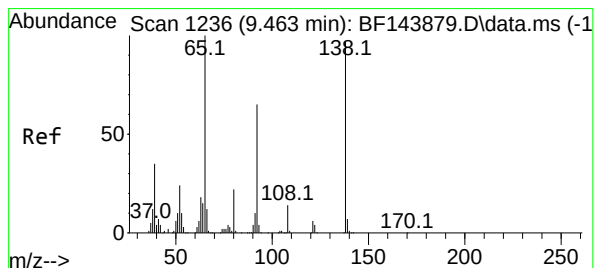
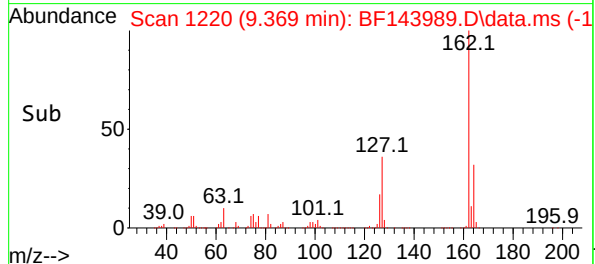
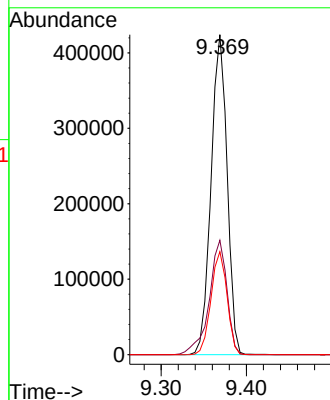
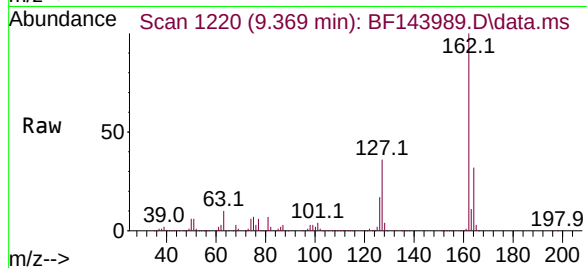
164 32.2 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#48

2-Nitroaniline

Concen: 61.892 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

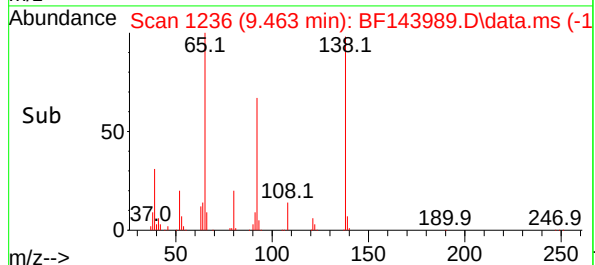
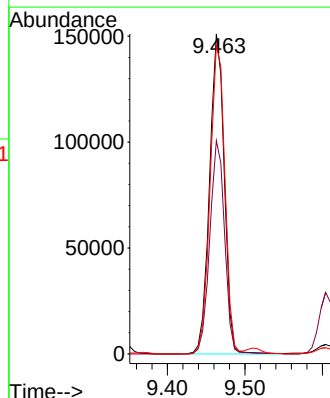
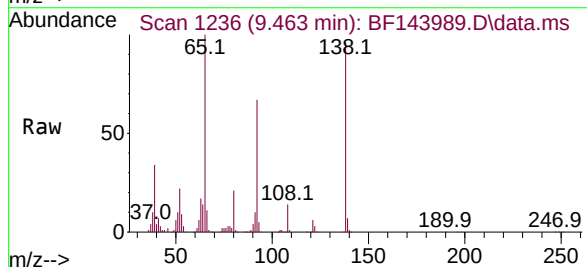
Tgt Ion: 65 Resp: 198638

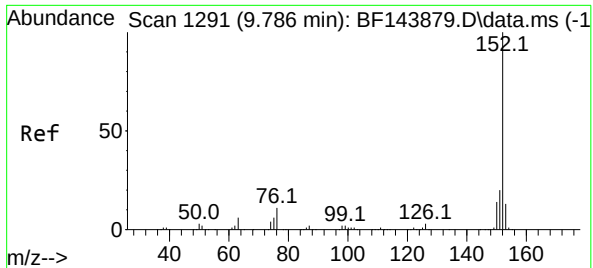
Ion Ratio Lower Upper

65 100

92 66.6 52.1 78.1

138 96.5 77.4 116.2





#49

Acenaphthylene

Concen: 62.032 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:152 Resp: 885274

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

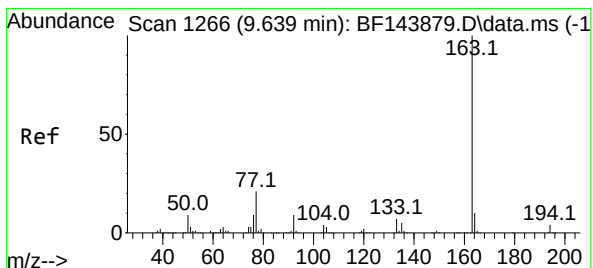
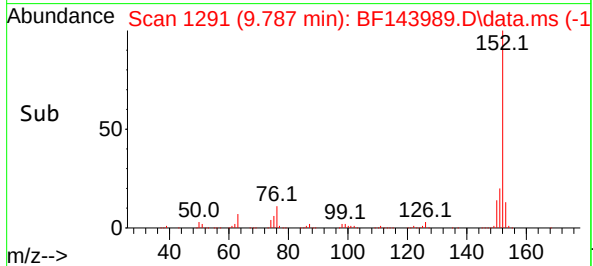
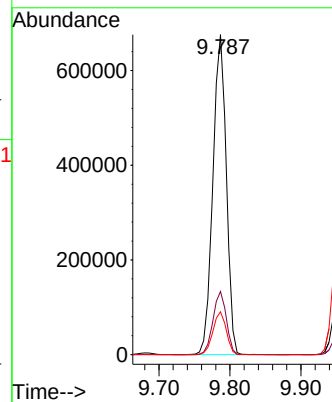
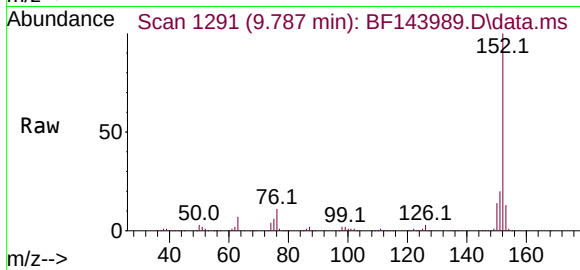
153 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#50

Dimethylphthalate

Concen: 56.086 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

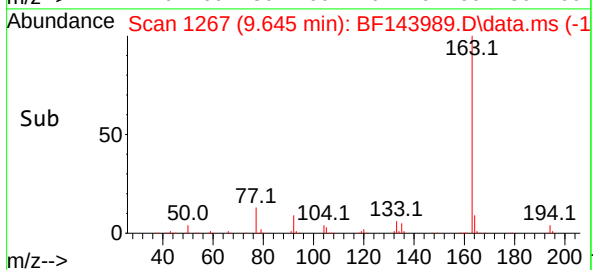
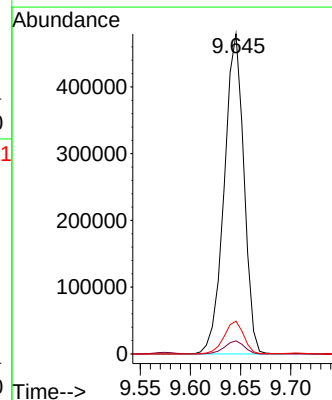
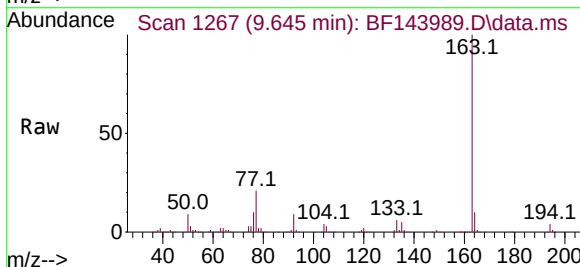
Tgt Ion:163 Resp: 654970

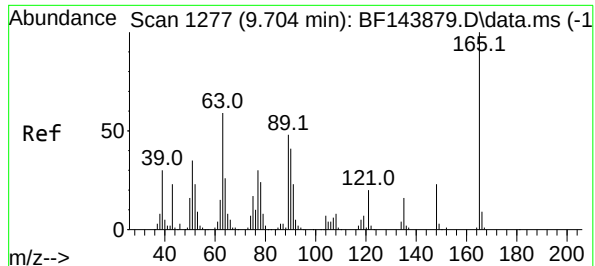
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

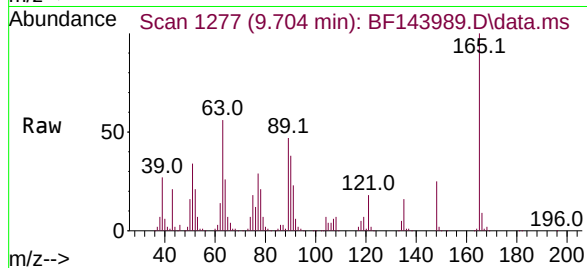
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 67.156 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

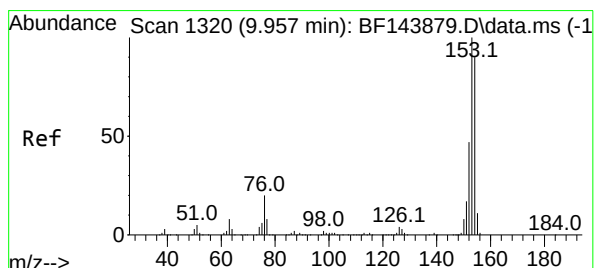
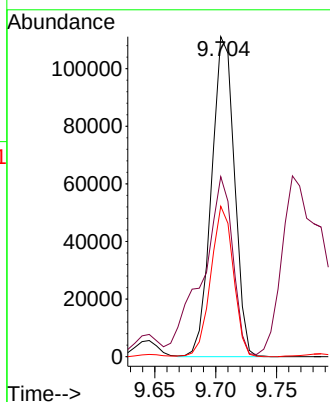
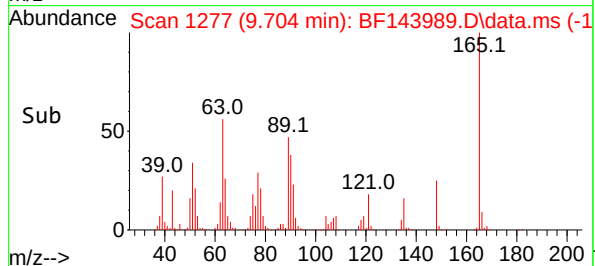
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:165 Resp: 145425
Ion Ratio Lower Upper
165 100
63 56.2 47.3 70.9
89 47.0 38.2 57.4

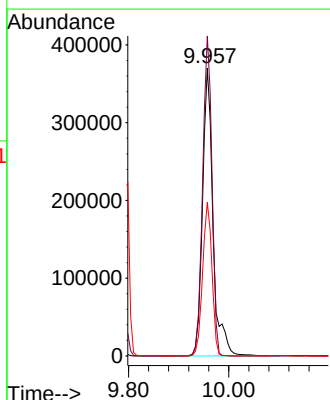
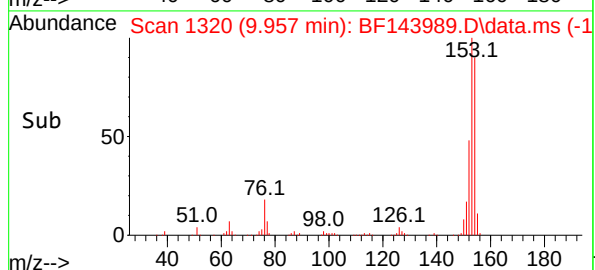
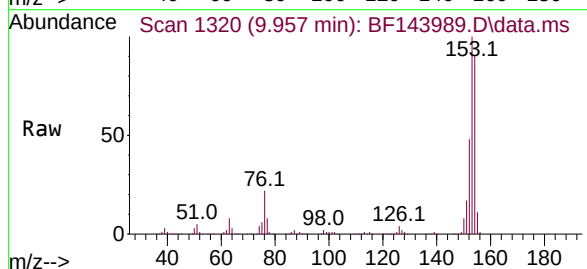
Manual Integrations
APPROVED

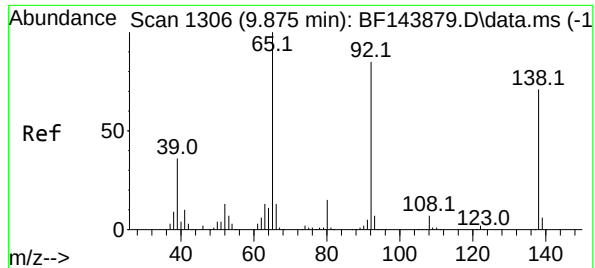
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#52
Acenaphthene
Concen: 57.515 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:154 Resp: 537847
Ion Ratio Lower Upper
154 100
153 111.3 89.3 133.9
152 53.4 42.2 63.2





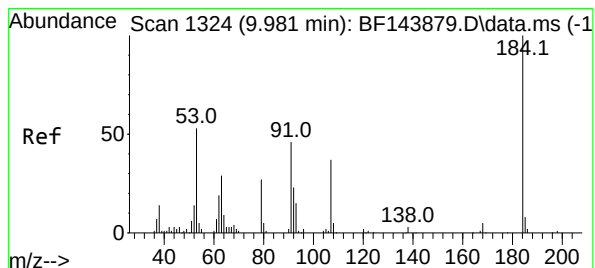
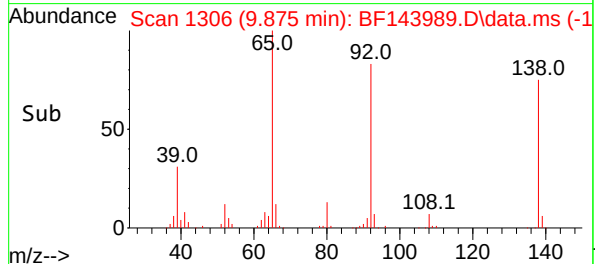
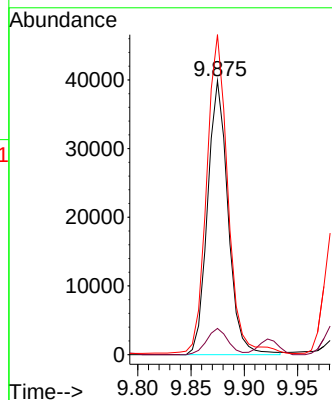
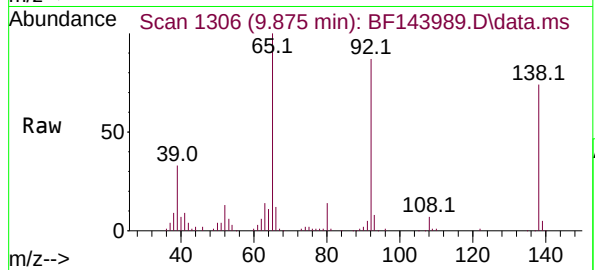
#53
3-Nitroaniline
Concen: 20.098 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:138 Resp: 53290
Ion Ratio Lower Upper
138 100
108 9.5 8.3 12.5
92 116.8 96.2 144.2

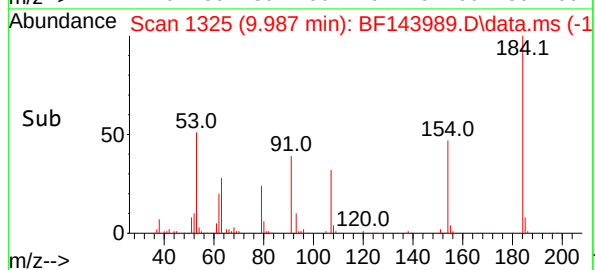
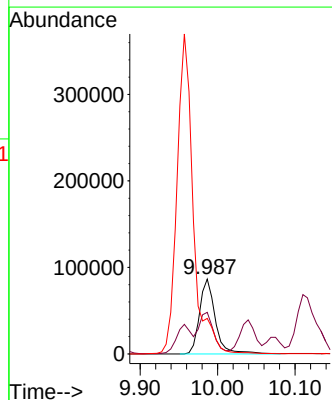
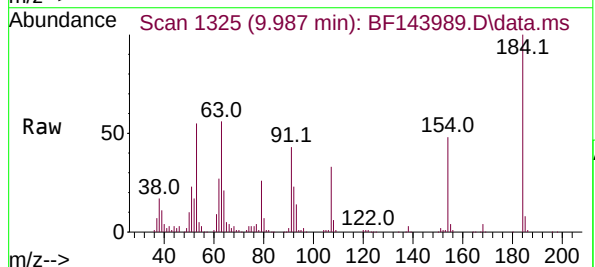
Manual Integrations
APPROVED

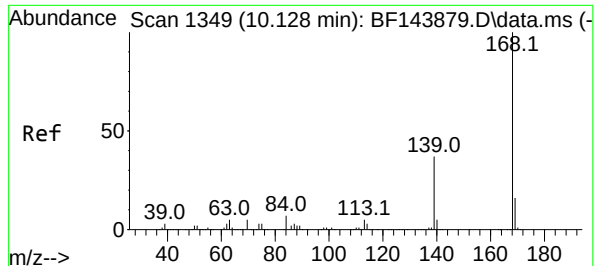
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#54
2,4-Dinitrophenol
Concen: 90.476 ng
RT: 9.987 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

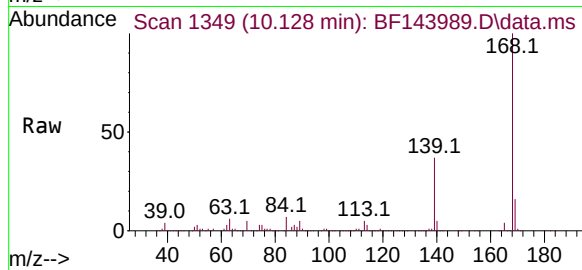
Tgt Ion:184 Resp: 122181
Ion Ratio Lower Upper
184 100
63 55.6 48.2 72.4
154 47.5 49.2 73.8#





#55
Dibenzofuran
Concen: 55.301 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

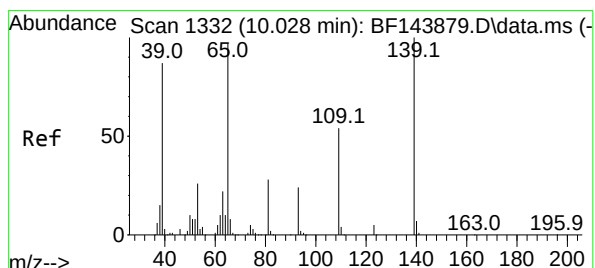
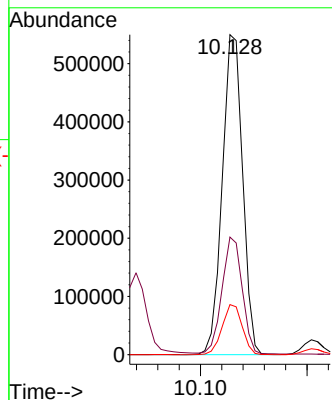
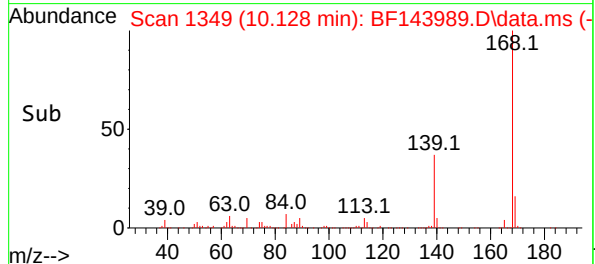
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:168 Resp: 730000
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.8
169 15.6 12.8 19.2

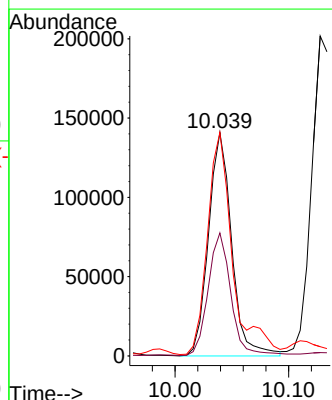
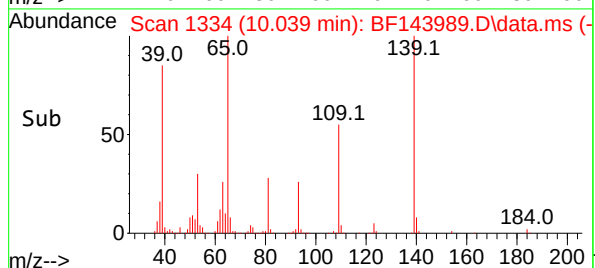
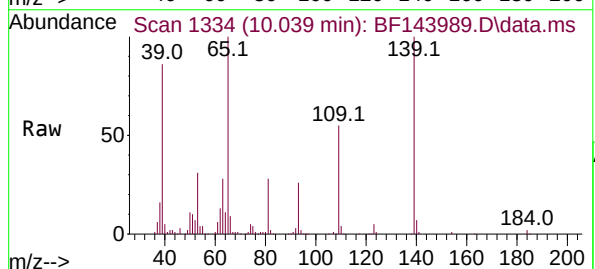
Manual Integrations
APPROVED

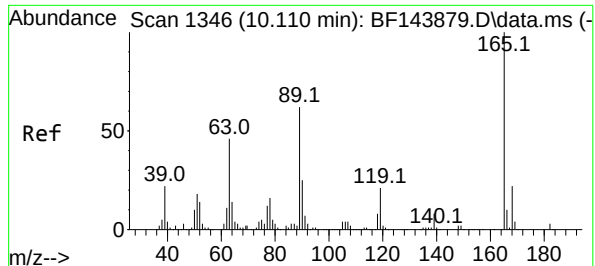
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#56
4-Nitrophenol
Concen: 99.366 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:139 Resp: 199491
Ion Ratio Lower Upper
139 100
109 55.1 34.5 74.5
65 100.1 77.6 117.6





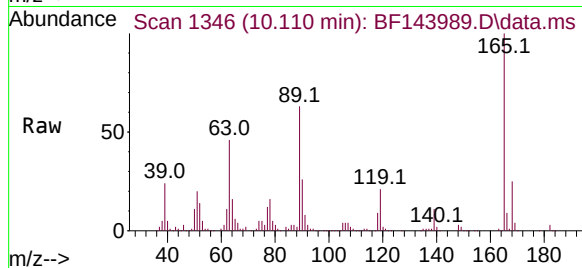
#57
2,4-Dinitrotoluene
Concen: 65.963 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

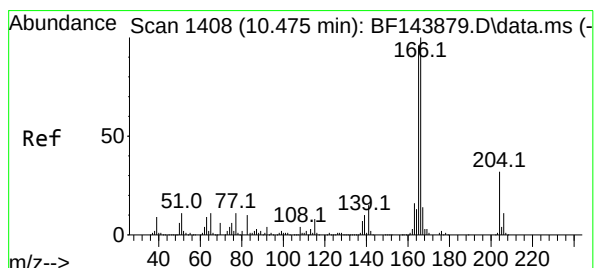
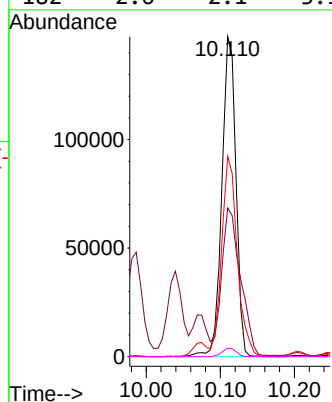
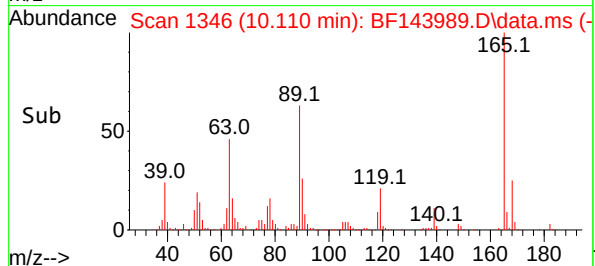


Tgt Ion:165 Resp: 194353
Ion Ratio Lower Upper
165 100
63 46.5 37.2 55.8
89 62.6 49.4 74.2
182 2.6 2.1 3.1

Manual Integrations

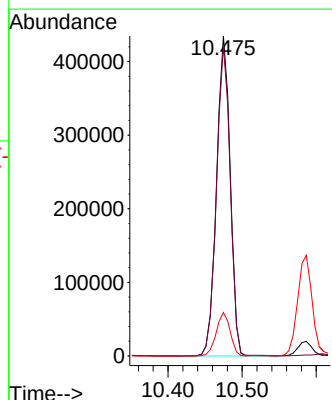
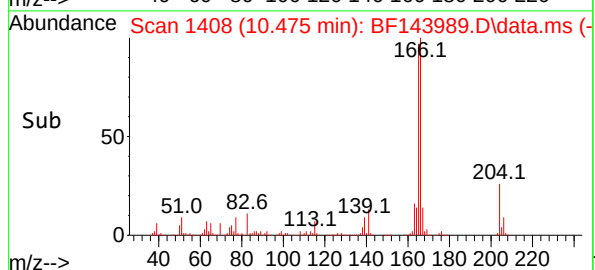
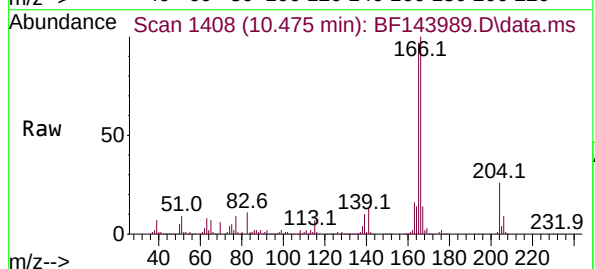
APPROVED

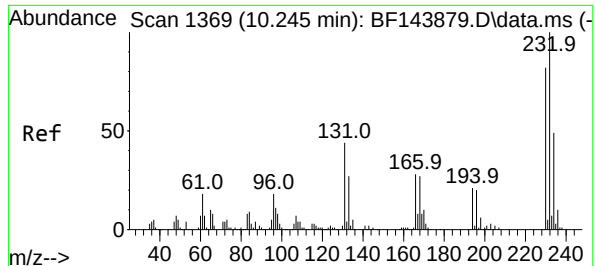
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#58
Fluorene
Concen: 55.980 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:166 Resp: 557598
Ion Ratio Lower Upper
166 100
165 97.0 77.0 115.6
167 13.6 11.1 16.7





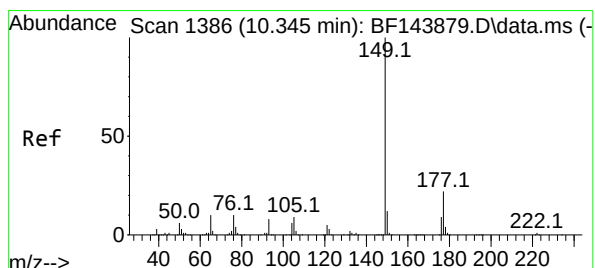
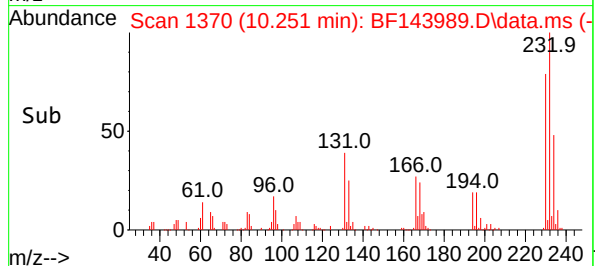
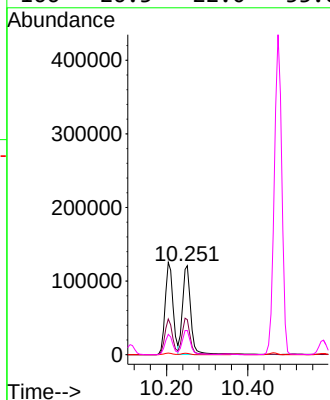
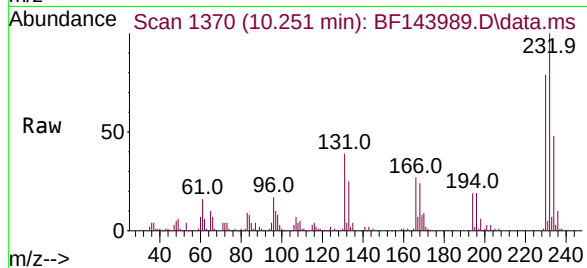
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.146 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:232 Resp: 172642
Ion Ratio Lower Upper
232 100
131 39.2 34.9 52.3
130 1.4 1.6 2.4
166 26.3 22.0 33.0

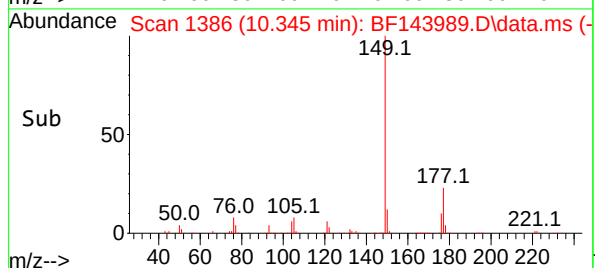
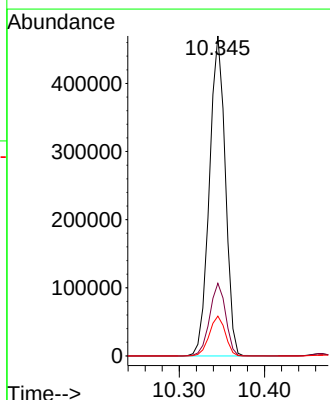
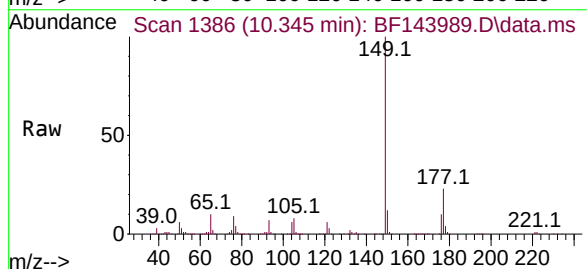
Manual Integrations
APPROVED

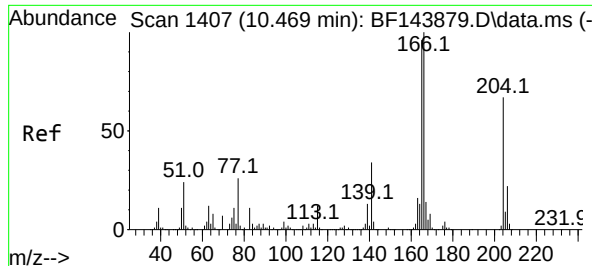
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#60
Diethylphthalate
Concen: 56.086 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

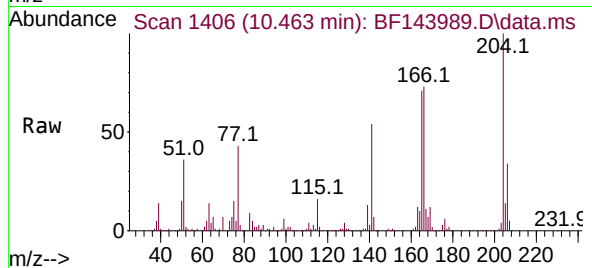
Tgt Ion:149 Resp: 608476
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 54.654 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

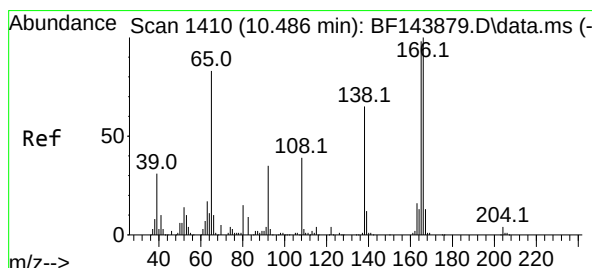
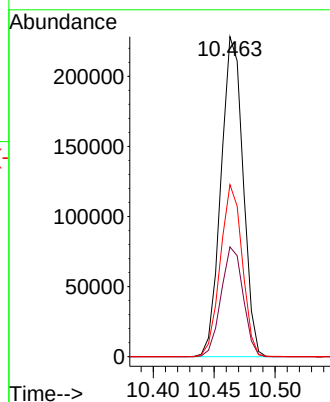
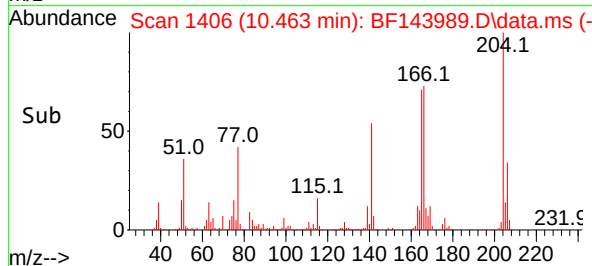
Instrument :
BNA_F
ClientSampleId :
TP-3MS



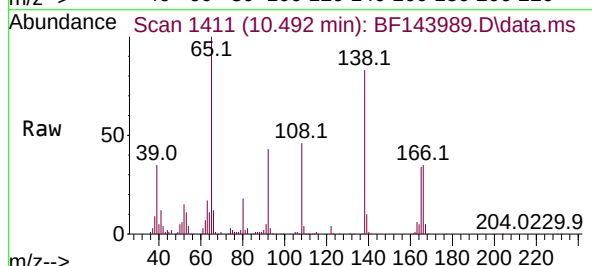
Tgt Ion:204 Resp: 287821
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 53.7 40.4 60.6

Manual Integrations
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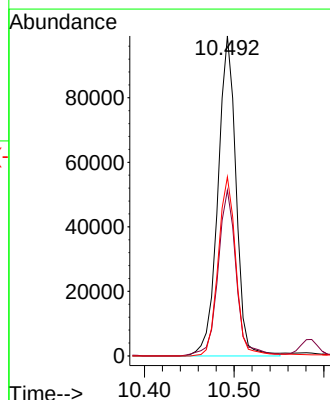
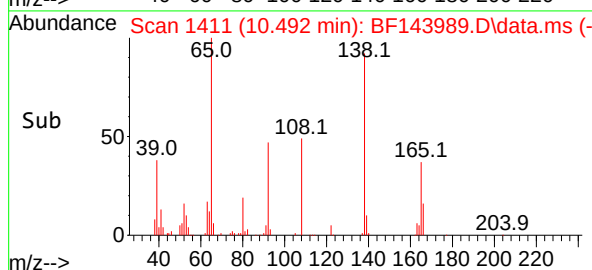
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

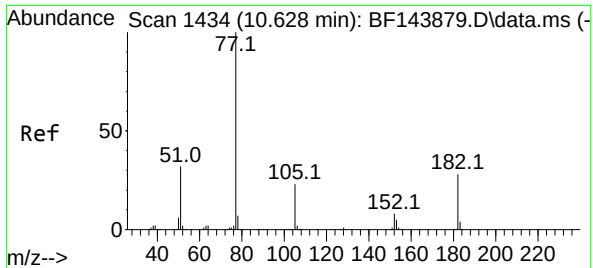


#62
4-Nitroaniline
Concen: 54.671 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



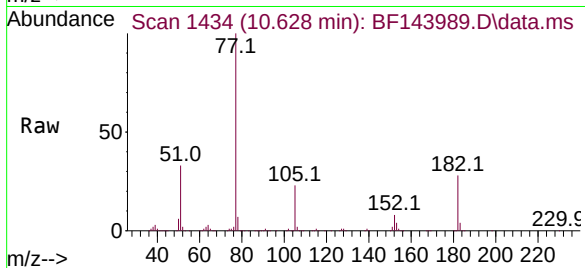
Tgt Ion:138 Resp: 139399
Ion Ratio Lower Upper
138 100
92 51.8 33.9 73.9
108 55.9 40.2 80.2





#63
Azobenzene
Concen: 57.080 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

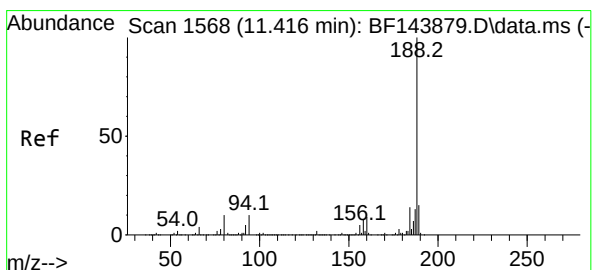
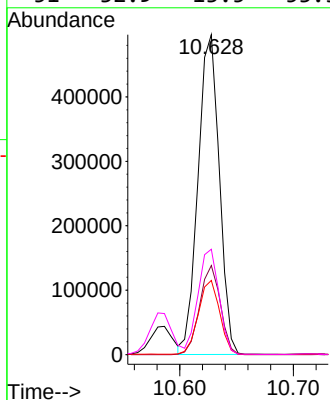
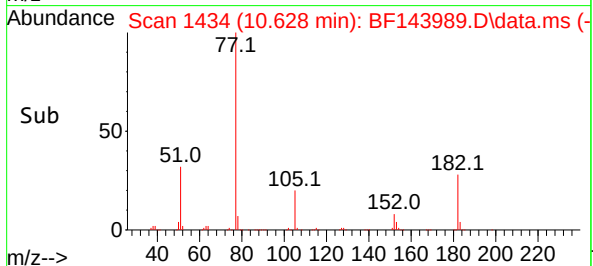
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion: 77 Resp: 647215
Ion Ratio Lower Upper
77 100
182 27.8 7.3 47.3
105 23.2 3.0 43.0
51 32.9 13.5 53.5

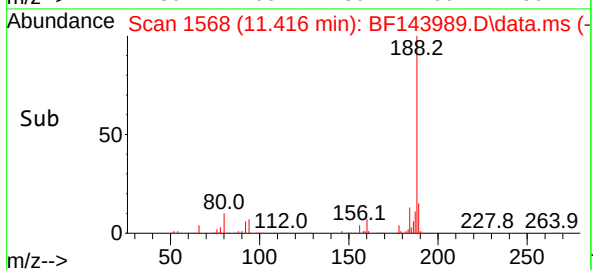
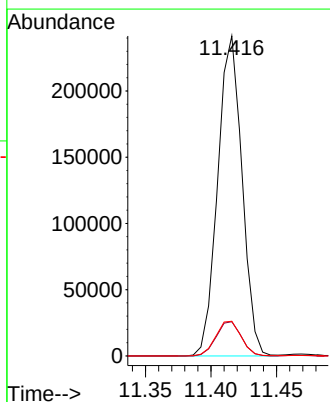
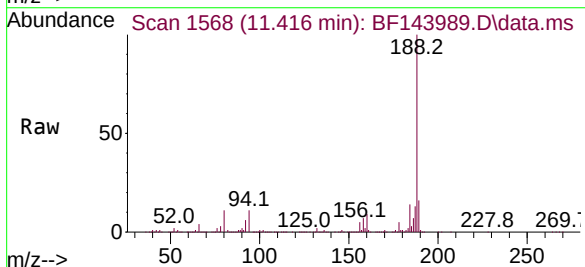
Manual Integrations
APPROVED

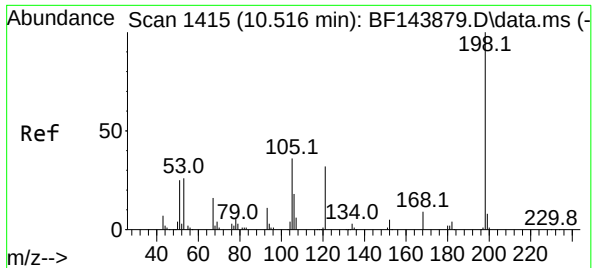
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

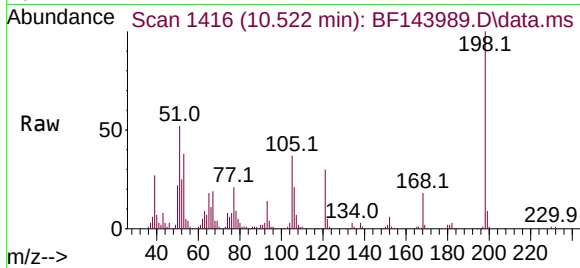
Tgt Ion:188 Resp: 312055
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 10.8 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 60.444 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

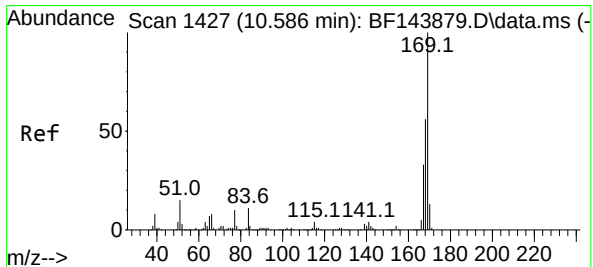
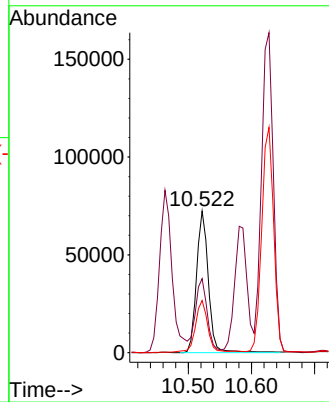
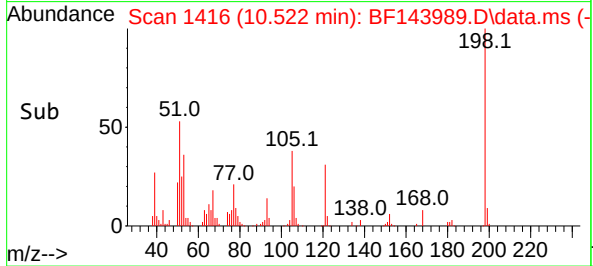
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:198 Resp: 94785
Ion Ratio Lower Upper
198 100
51 52.3 33.8 73.8
105 36.8 17.0 57.0

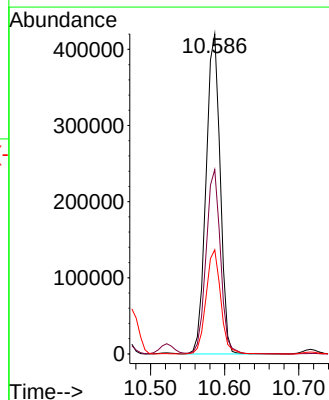
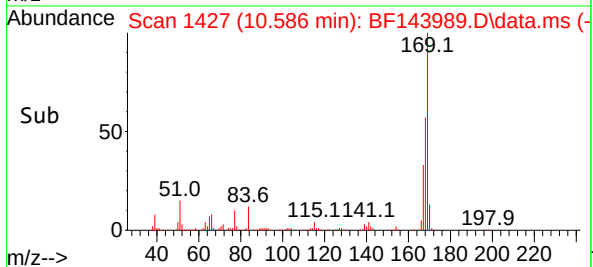
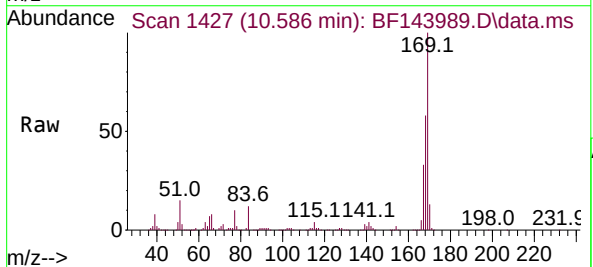
Manual Integrations
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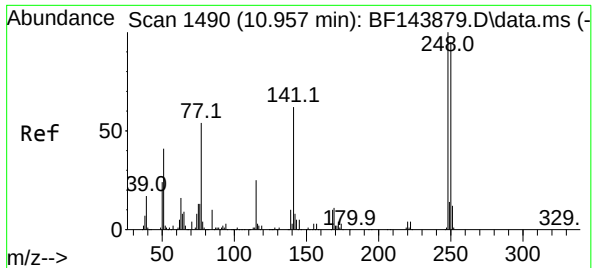
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#66
n-Nitrosodiphenylamine
Concen: 56.808 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

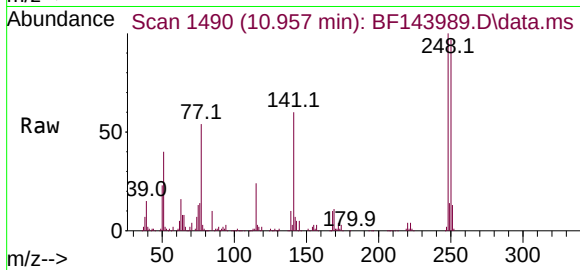
Tgt Ion:169 Resp: 556624
Ion Ratio Lower Upper
169 100
168 57.6 44.9 67.3
167 32.6 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 55.983 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

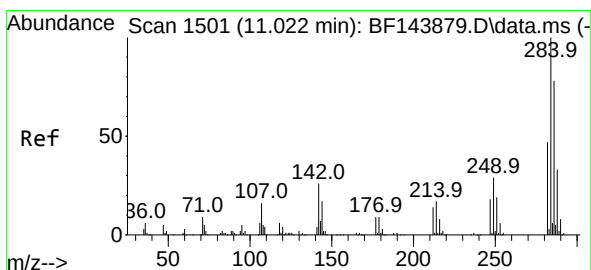
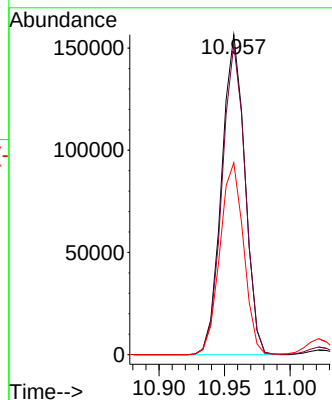
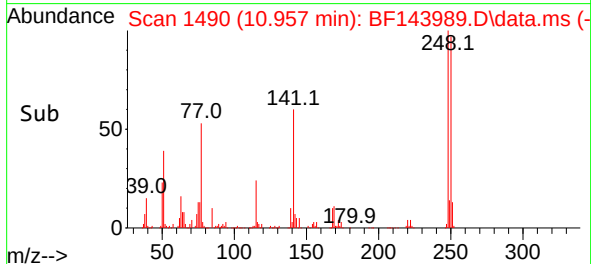
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:248 Resp: 193069
Ion Ratio Lower Upper
248 100
250 96.9 76.3 114.5
141 60.0 49.7 74.5

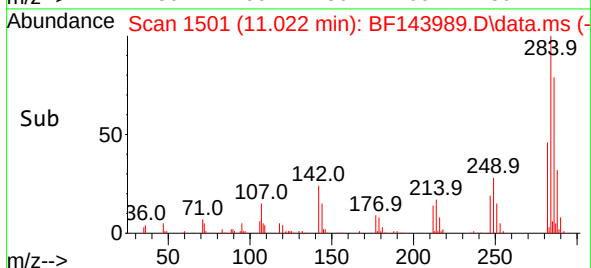
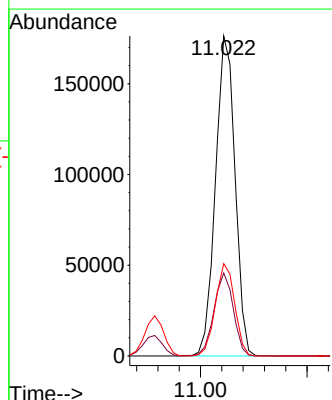
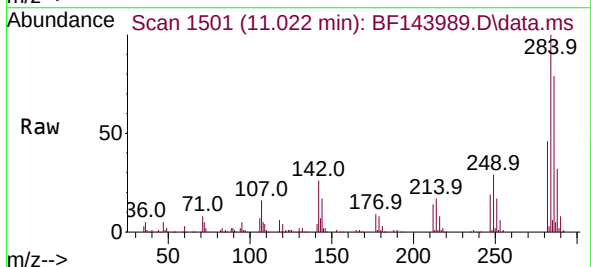
Manual Integrations
APPROVED

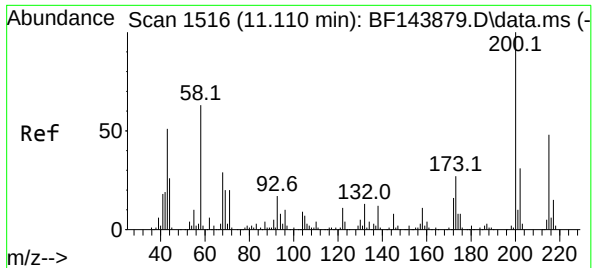
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#68
Hexachlorobenzene
Concen: 56.374 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:284 Resp: 225078
Ion Ratio Lower Upper
284 100
142 26.0 20.6 30.8
249 28.8 23.2 34.8





#69

Atrazine

Concen: 61.423 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:200 Resp: 182413

Ion Ratio Lower Upper

200 100

173 28.3 7.0 47.0

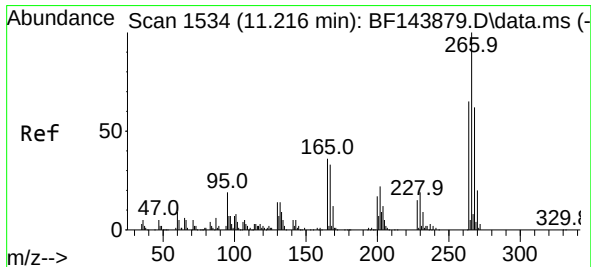
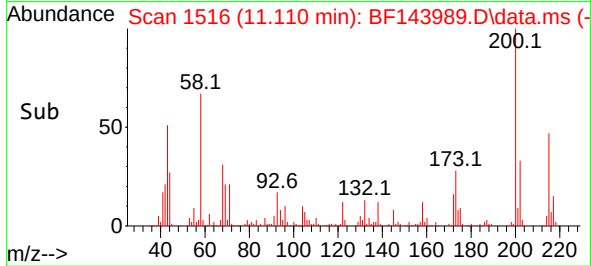
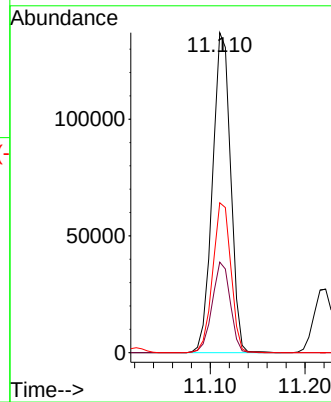
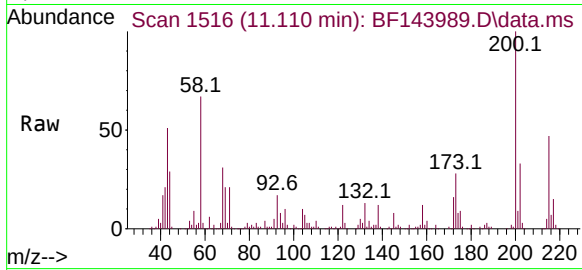
215 46.8 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#70

Pentachlorophenol

Concen: 104.891 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

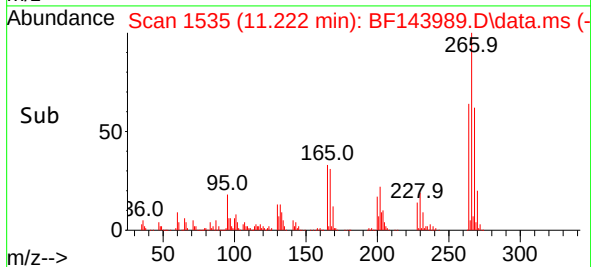
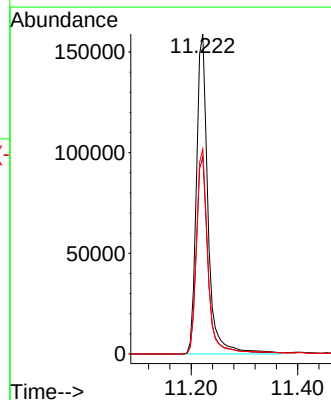
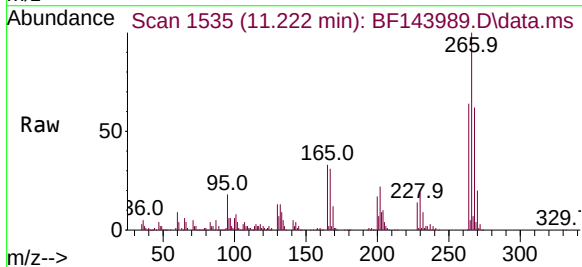
Tgt Ion:266 Resp: 240521

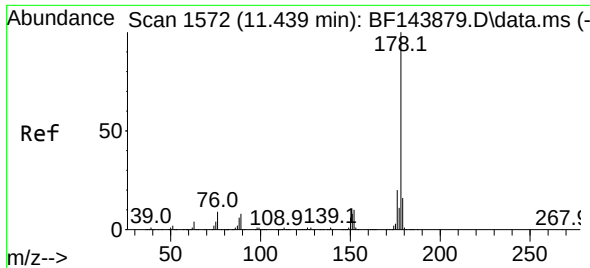
Ion Ratio Lower Upper

266 100

268 61.6 49.4 74.0

264 64.0 51.8 77.6





#71

Phenanthrene

Concen: 55.161 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:178 Resp: 834503

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

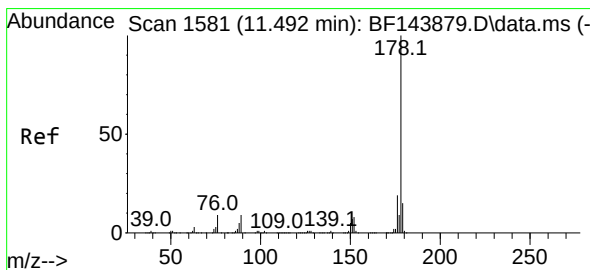
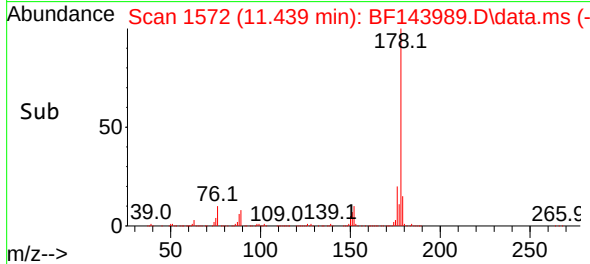
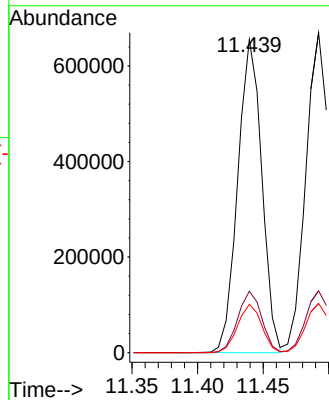
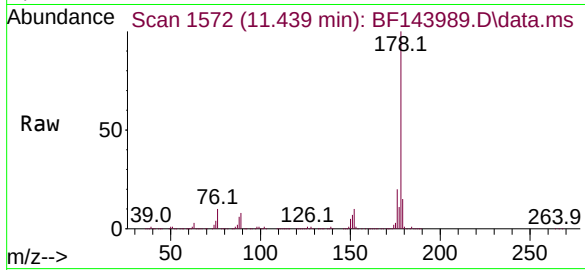
179 15.4 12.4 18.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#72

Anthracene

Concen: 55.952 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

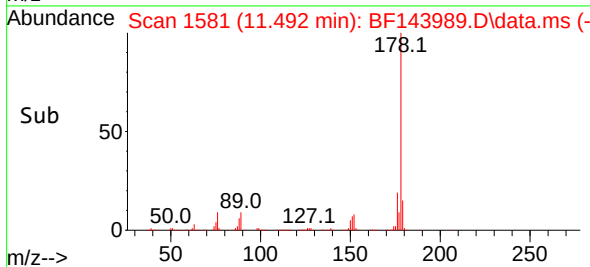
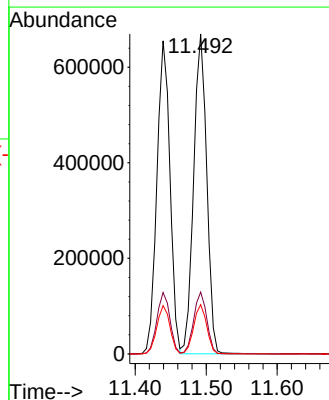
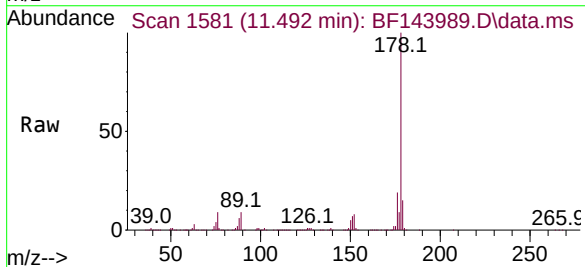
Tgt Ion:178 Resp: 855144

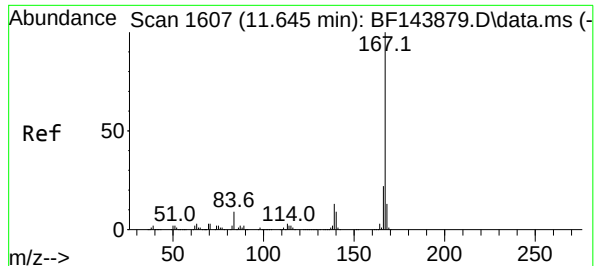
Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

179 15.4 12.2 18.2





#73

Carbazole

Concen: 56.408 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:167 Resp: 763540

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

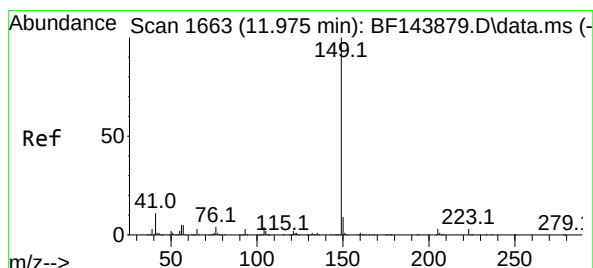
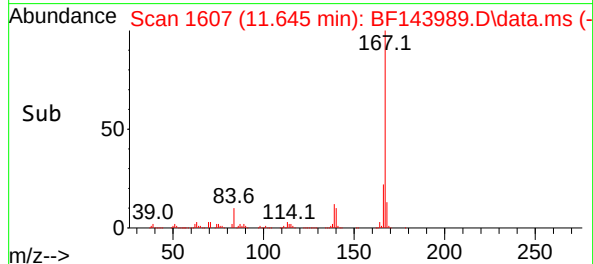
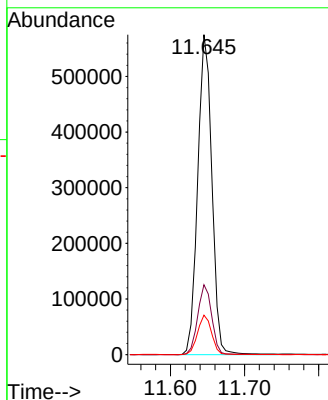
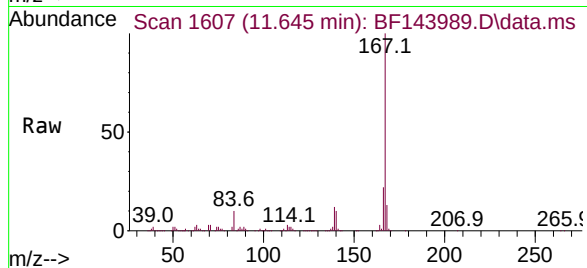
139 12.3 10.1 15.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#74

Di-n-butylphthalate

Concen: 61.072 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

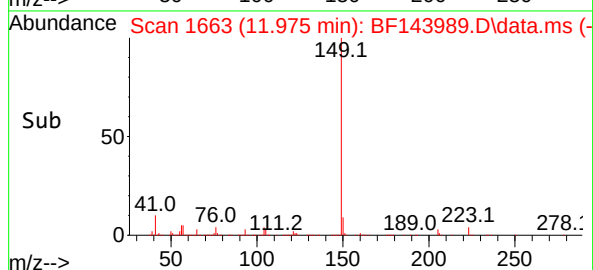
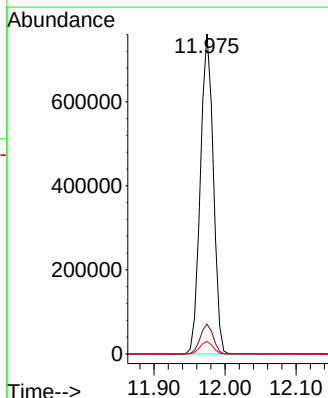
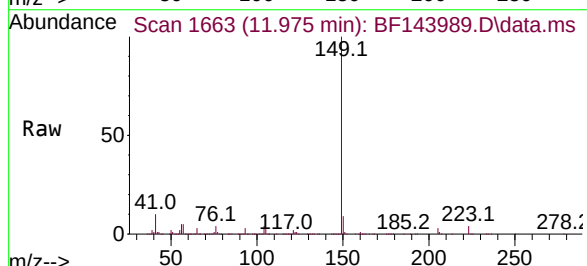
Tgt Ion:149 Resp: 958093

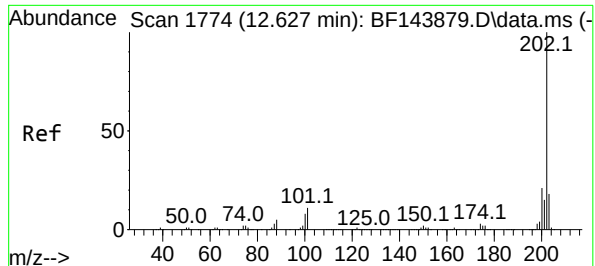
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

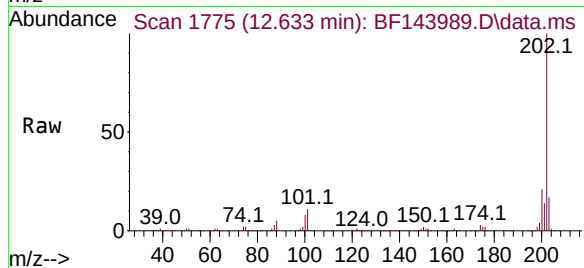
104 3.9 3.4 5.2





#75
Fluoranthene
Concen: 56.990 ng
RT: 12.633 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

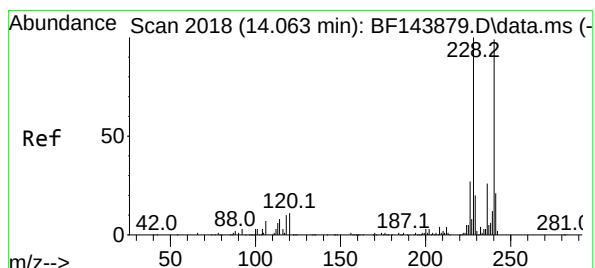
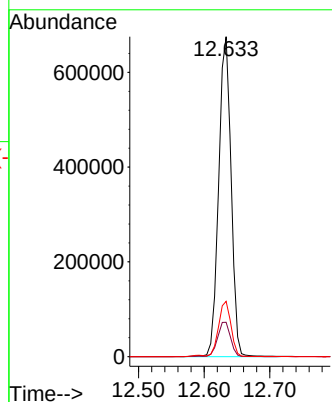
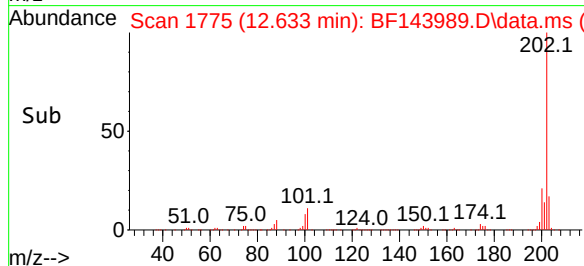
Instrument :
BNA_F
ClientSampleId :
TP-3MS



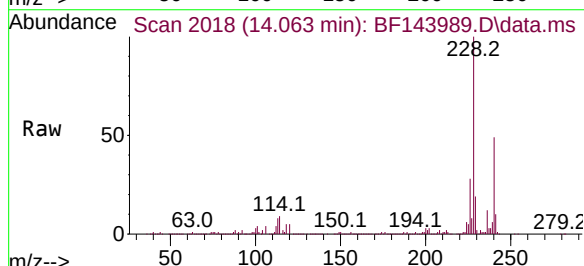
Tgt Ion:202 Resp: 890552
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 17.3 0.0 37.8

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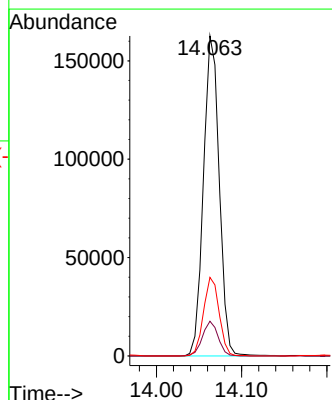
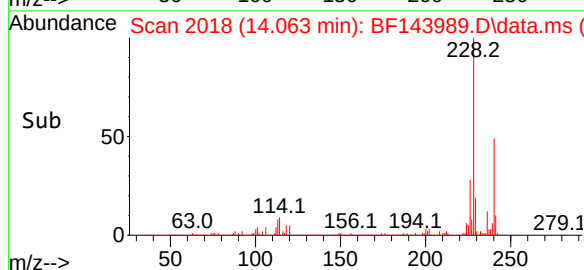
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

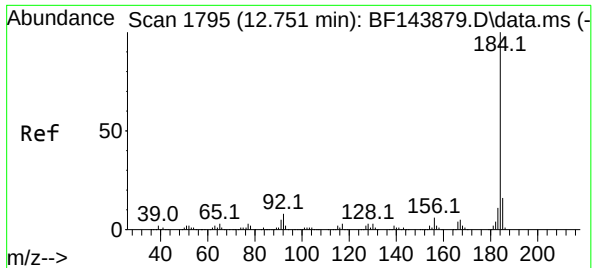


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



Tgt Ion:240 Resp: 209178
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 24.5 21.1 31.7





#77

Benzidine

Concen: 13.615 ng

RT: 12.757 min Scan# 1796

Delta R.T. -0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

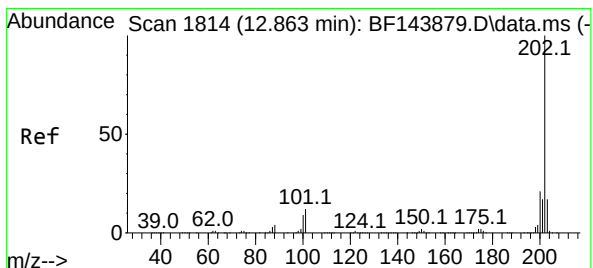
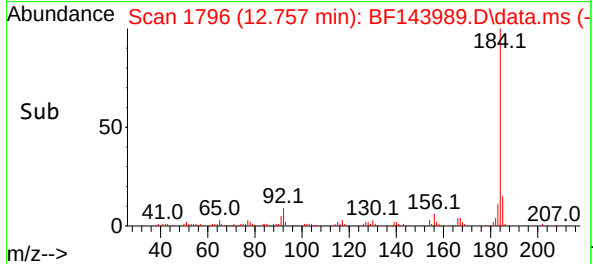
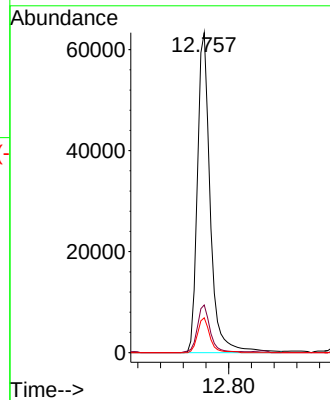
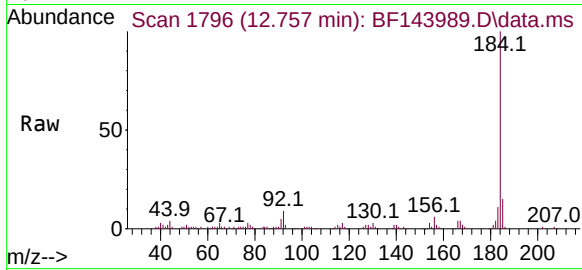
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	10.9	8.8	13.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#78

Pyrene

Concen: 52.170 ng

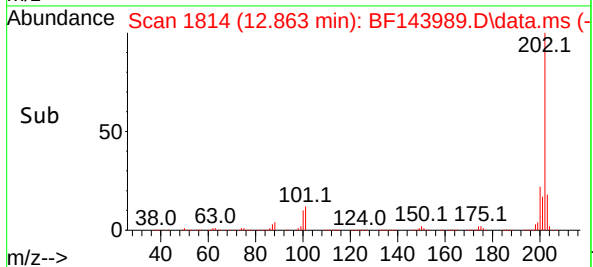
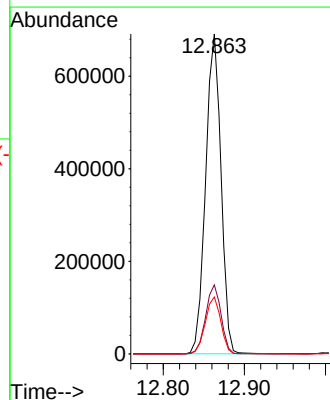
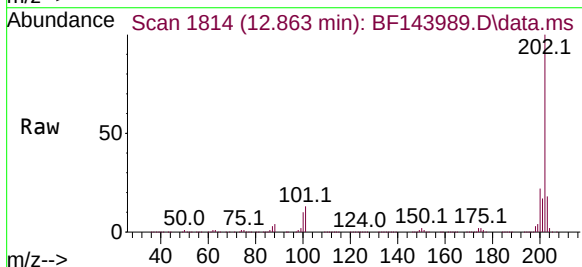
RT: 12.863 min Scan# 1814

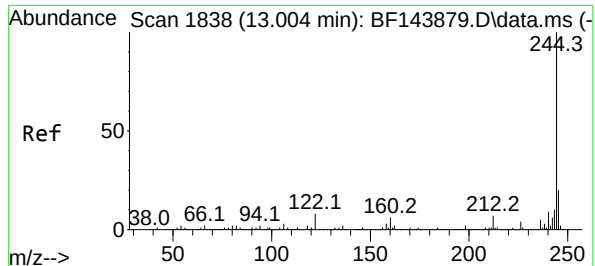
Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.8	13.8	20.6





#79

Terphenyl-d14

Concen: 99.554 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:244 Resp: 121846

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

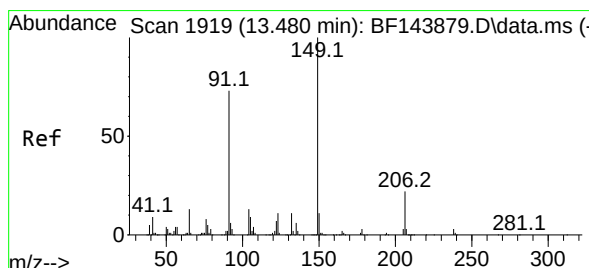
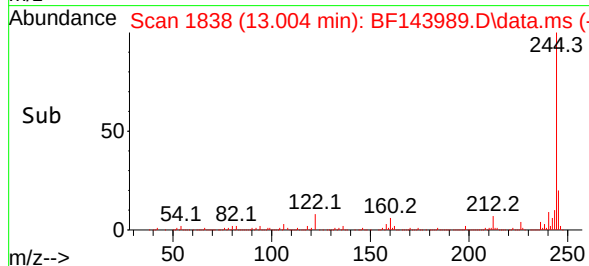
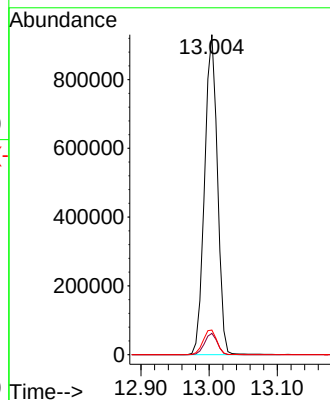
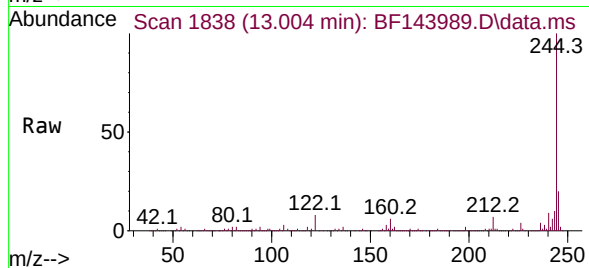
122 7.7 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#80

Butylbenzylphthalate

Concen: 63.948 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

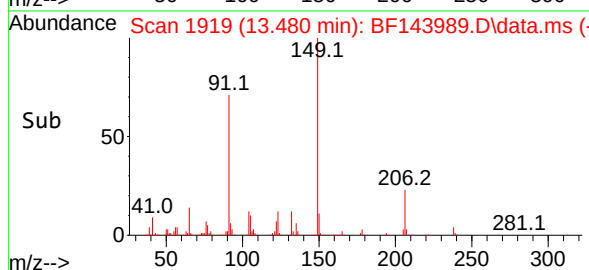
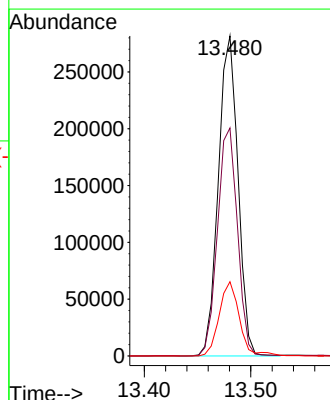
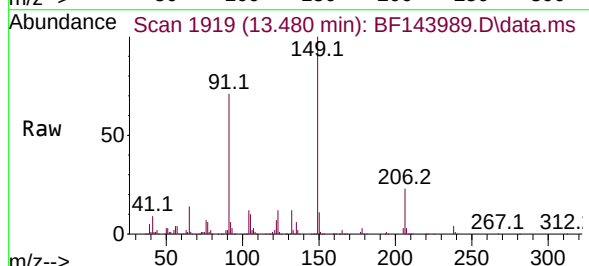
Tgt Ion:149 Resp: 362178

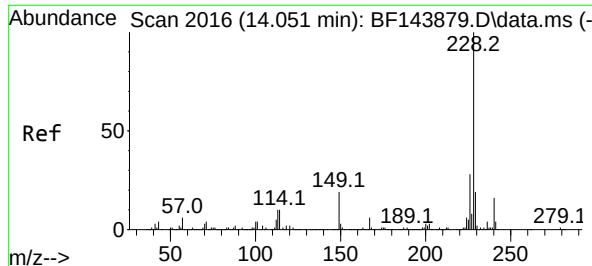
Ion Ratio Lower Upper

149 100

91 71.2 58.2 87.2

206 23.2 17.9 26.9





#81

Benzo(a)anthracene

Concen: 59.624 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:228 Resp: 816180

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

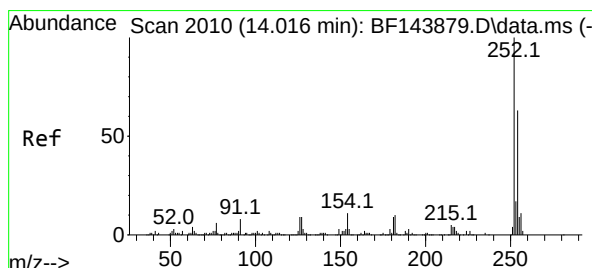
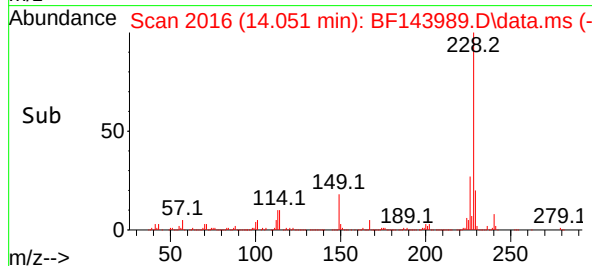
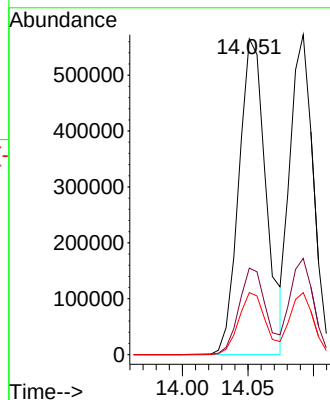
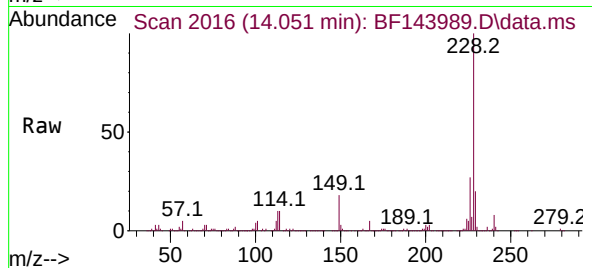
229 19.6 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#82

3,3'-Dichlorobenzidine

Concen: 19.504 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

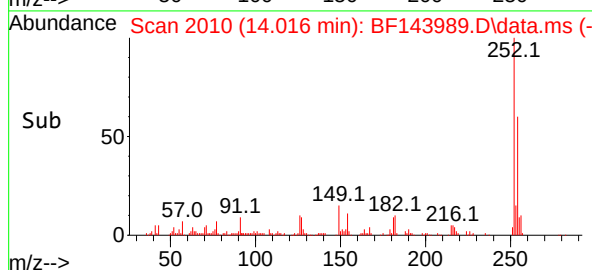
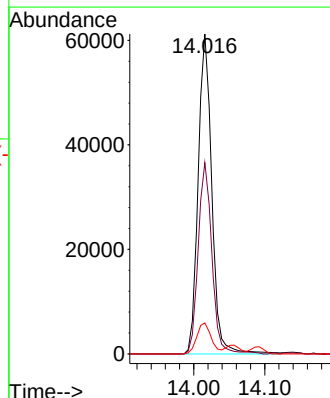
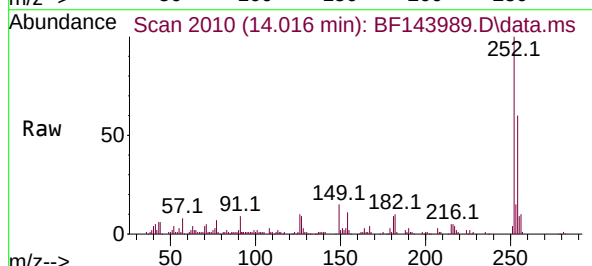
Tgt Ion:252 Resp: 81364

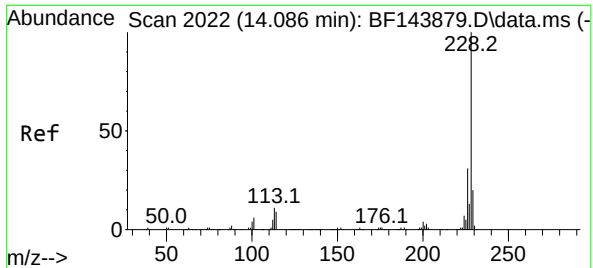
Ion Ratio Lower Upper

252 100

254 59.8 50.6 76.0

126 9.7 7.0 10.6





#83

Chrysene

Concen: 55.399 ng

RT: 14.092 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:228 Resp: 701863

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

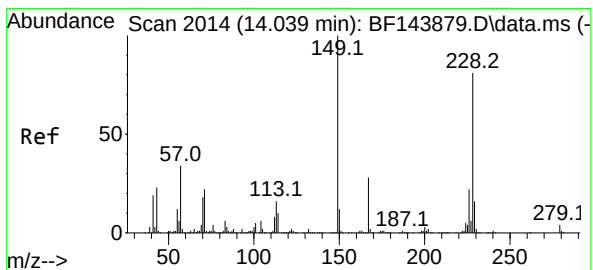
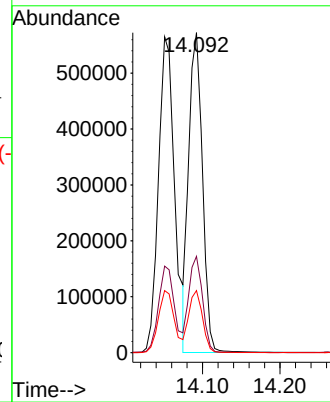
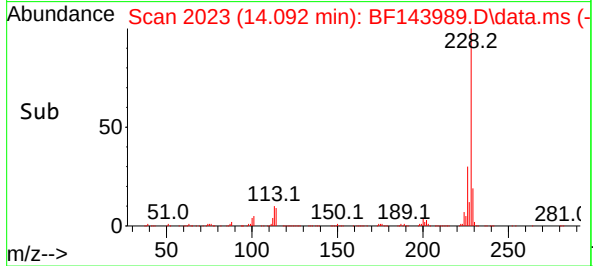
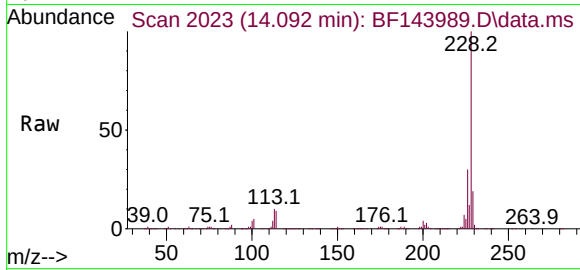
229 19.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.177 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

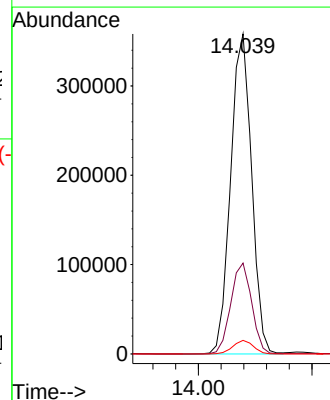
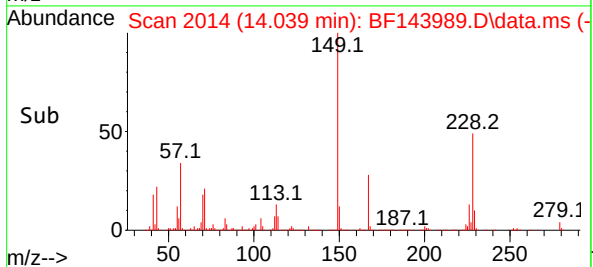
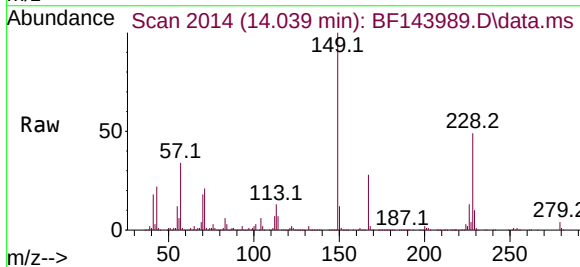
Tgt Ion:149 Resp: 458629

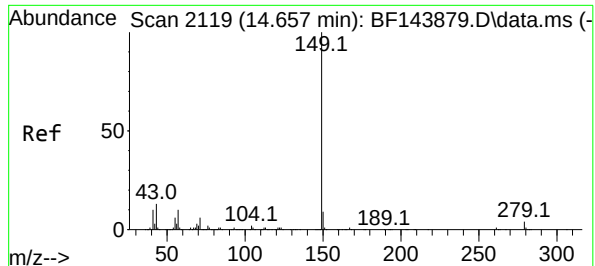
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

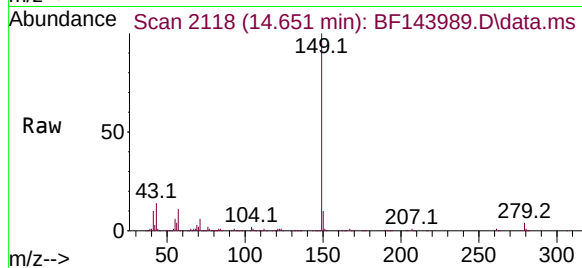
279 4.2 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 71.817 ng
RT: 14.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

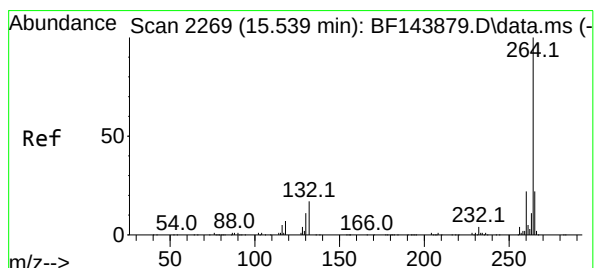
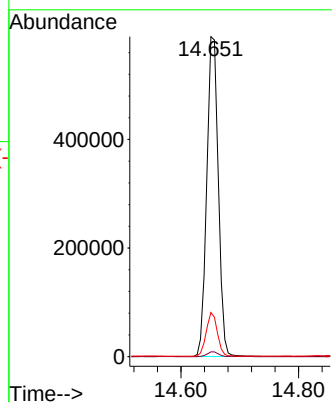
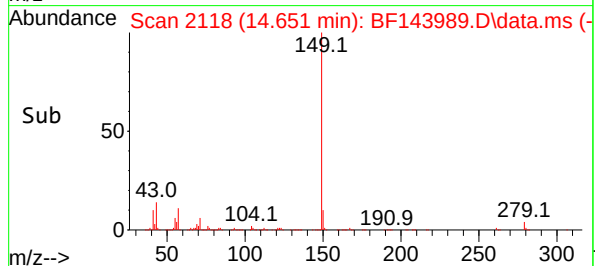
Instrument :
BNA_F
ClientSampleId :
TP-3MS



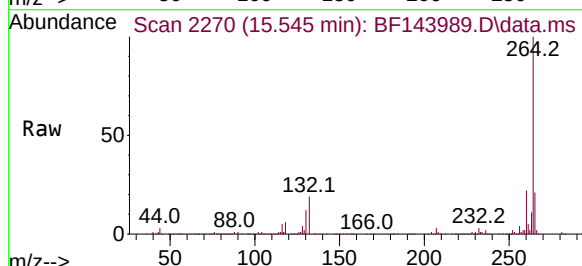
Tgt Ion:149 Resp: 805297
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.1 11.0 16.4

Manual Integrations
APPROVED

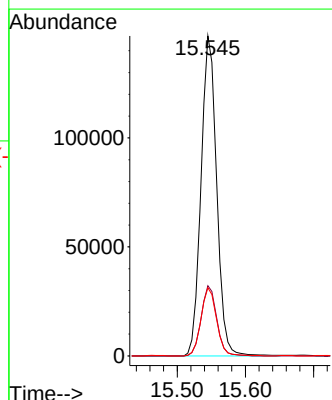
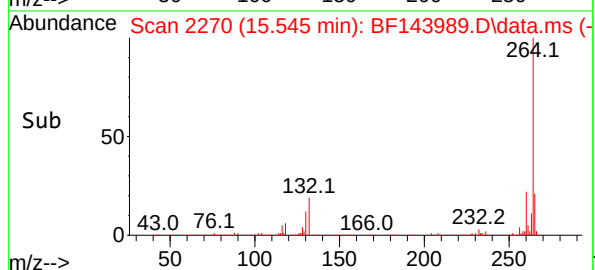
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

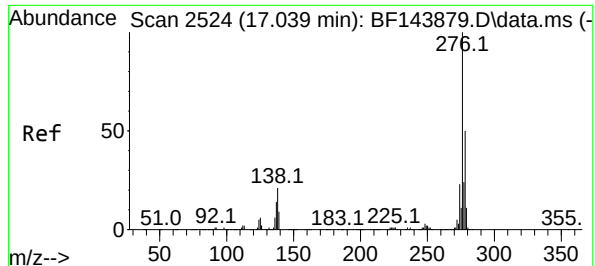


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16



Tgt Ion:264 Resp: 234382
Ion Ratio Lower Upper
264 100
260 21.9 17.8 26.8
265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.560 ng

RT: 17.057 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:276 Resp: 855372

Ion Ratio Lower Upper

276 100

138 24.4 18.2 27.2

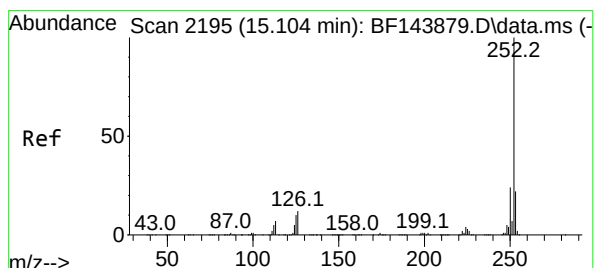
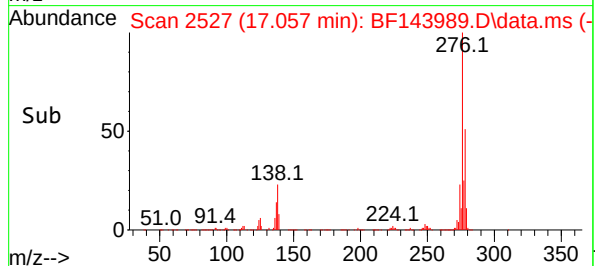
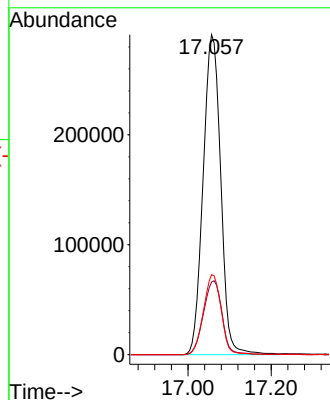
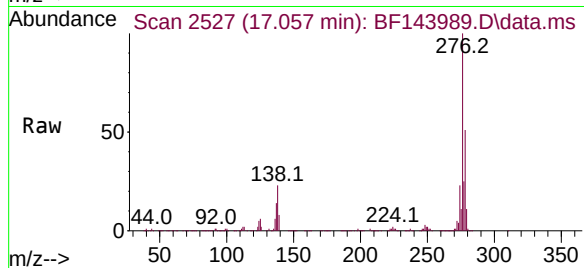
277 25.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#88

Benzo(b)fluoranthene

Concen: 55.891 ng

RT: 15.116 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

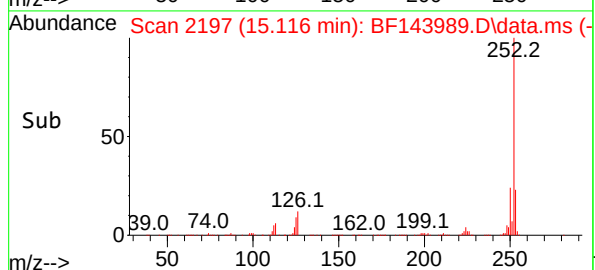
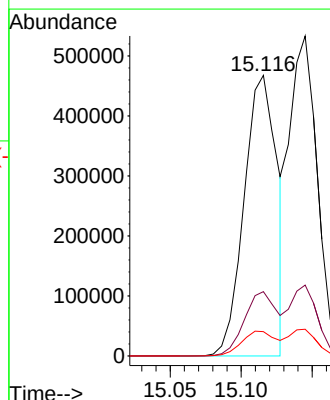
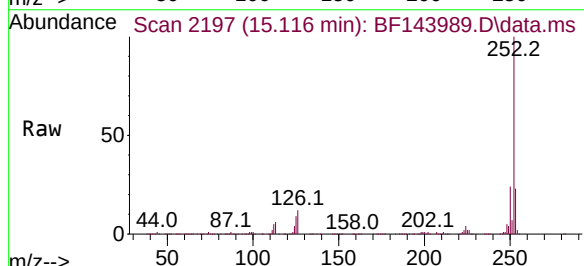
Tgt Ion:252 Resp: 752500

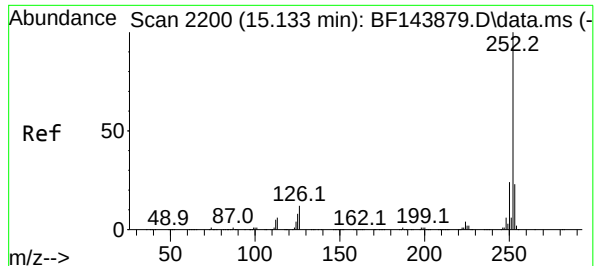
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 8.6 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 58.731 ng

RT: 15.145 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:252 Resp: 731679

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

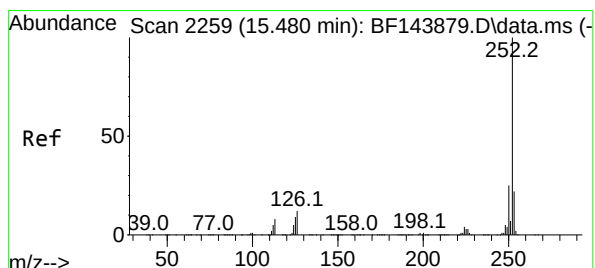
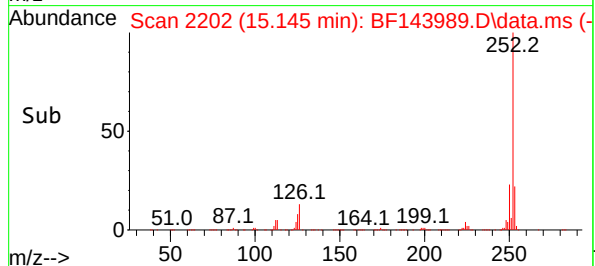
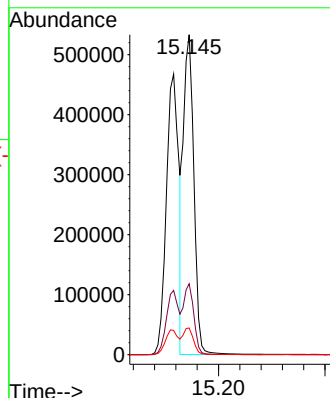
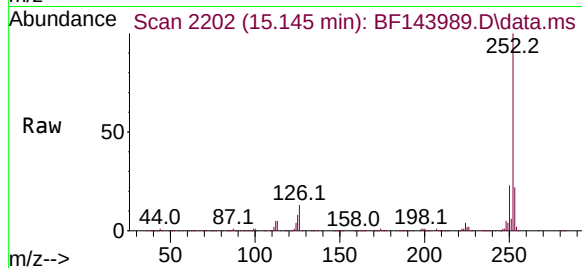
125 8.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#90

Benzo(a)pyrene

Concen: 61.497 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

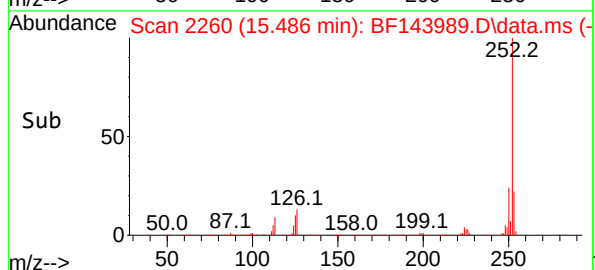
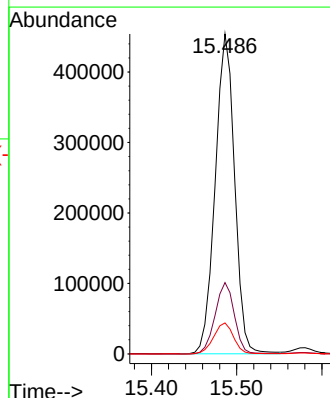
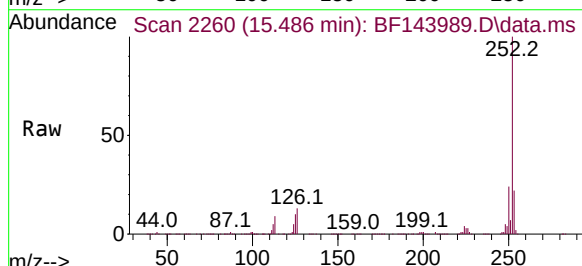
Tgt Ion:252 Resp: 717939

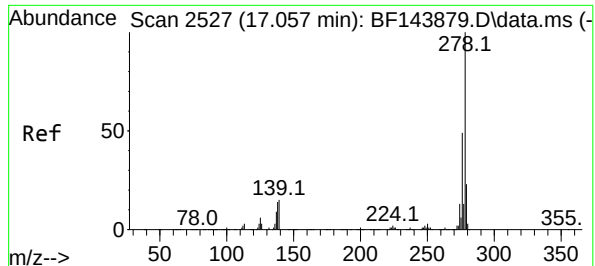
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

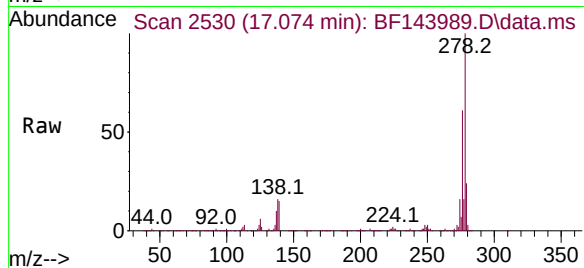
125 9.7 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 60.293 ng
RT: 17.074 min Scan# 2527
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

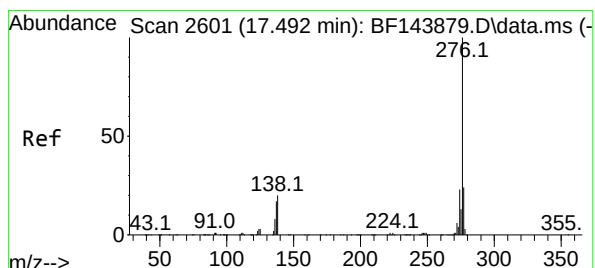
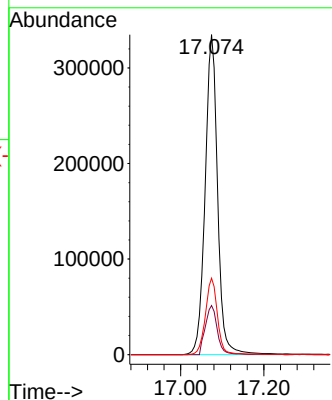
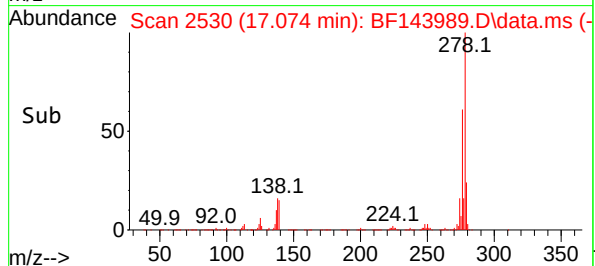
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:278 Resp: 696410
Ion Ratio Lower Upper
278 100
139 15.3 11.7 17.5
279 23.9 18.4 27.6

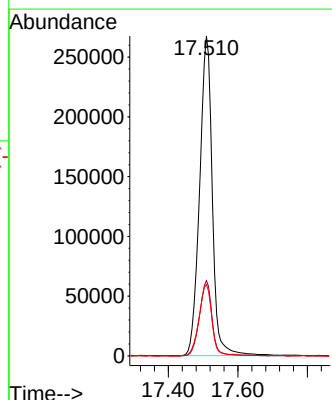
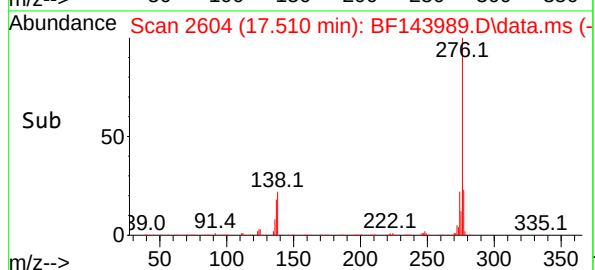
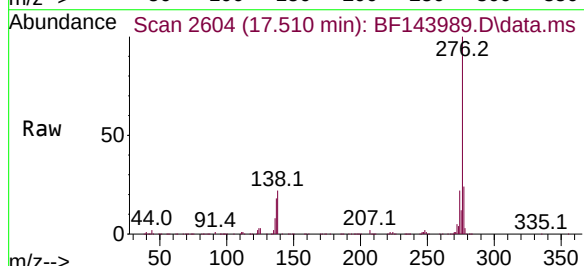
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#92
Benzo(g,h,i)perylene
Concen: 58.585 ng
RT: 17.510 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:276 Resp: 676691
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 22.3 16.1 24.1





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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: NYPA PURS Station
Client Sample ID: TP-3MSD
Lab Sample ID: Q3352-04MSD
Analytical Method: 8270E
Sample Wt/Vol: 100 mL
Prep Method :
Level : LOW
Final Vol: 1000 uL
Prep Date: 10/17/25

Date Collected: 10/15/25
Date Received: 10/15/25
SDG No.: Q3349
Matrix: TCLP
% Solid: 0
Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	470		1	12.8	50.0	ug/L	10/17/25 17:45	PB170149
106-46-7	1,4-Dichlorobenzene	560		1	5.30	50.0	ug/L	10/17/25 17:45	PB170149
95-48-7	2-Methylphenol	570		1	11.2	50.0	ug/L	10/17/25 17:45	PB170149
65794-96-9	3+4-Methylphenols	550		1	11.0	100	ug/L	10/17/25 17:45	PB170149
67-72-1	Hexachloroethane	530		1	6.50	50.0	ug/L	10/17/25 17:45	PB170149
98-95-3	Nitrobenzene	590		1	7.60	50.0	ug/L	10/17/25 17:45	PB170149
87-68-3	Hexachlorobutadiene	540		1	5.40	50.0	ug/L	10/17/25 17:45	PB170149
88-06-2	2,4,6-Trichlorophenol	570		1	5.10	50.0	ug/L	10/17/25 17:45	PB170149
95-95-4	2,4,5-Trichlorophenol	580		1	6.20	50.0	ug/L	10/17/25 17:45	PB170149
121-14-2	2,4-Dinitrotoluene	670		1	12.2	50.0	ug/L	10/17/25 17:45	PB170149
118-74-1	Hexachlorobenzene	580		1	5.20	50.0	ug/L	10/17/25 17:45	PB170149
87-86-5	Pentachlorophenol	1100	E	1	15.8	100	ug/L	10/17/25 17:45	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	151			23 - 138	101%	SPK: 150		
13127-88-3	Phenol-d6	143			10 - 134	95%	SPK: 150		
4165-60-0	Nitrobenzene-d5	116			67 - 132	116%	SPK: 100		
321-60-8	2-Fluorobiphenyl	106			52 - 132	106%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	169			44 - 137	113%	SPK: 150		
1718-51-0	Terphenyl-d14	109			42 - 152	109%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	83400							
1146-65-2	Naphthalene-d8	325000							
15067-26-2	Acenaphthene-d10	174000							
1517-22-2	Phenanthrene-d10	283000							
1719-03-5	Chrysene-d12	165000							
1520-96-3	Perylene-d12	208000							

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\BF101725\
 Data File : BF143990.D
 Acq On : 17 Oct 2025 17:45
 Operator : RC/JU
 Sample : Q3352-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 18:04:16 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83393	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	325316	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	173895	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	283241	20.000	ng	0.00
76) Chrysene-d12	14.063	240	164621	20.000	ng	0.00
86) Perylene-d12	15.545	264	207601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	793992	151.194	ng	0.01
7) Phenol-d6	6.510	99	892476	142.578	ng	0.00
23) Nitrobenzene-d5	7.445	82	623529	116.448	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	293535	169.475	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1166155	106.408	ng	-0.01
79) Terphenyl-d14	13.004	244	1054626	109.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	128093	52.710	ng	# 79
3) Pyridine	3.528	79	334415	47.271	ng	98
4) n-Nitrosodimethylamine	3.469	42	207701	55.811	ng	93
6) Aniline	6.545	93	138064	14.719	ng	94
8) 2-Chlorophenol	6.669	128	297355	57.927	ng	97
9) Benzaldehyde	6.434	77	138153	28.611	ng	97
10) Phenol	6.528	94	373052	49.850	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	326044	56.401	ng	96
12) 1,3-Dichlorobenzene	6.822	146	335270	54.562	ng	99
13) 1,4-Dichlorobenzene	6.898	146	340375	56.156	ng	100
14) 1,2-Dichlorobenzene	7.051	146	333008	57.359	ng	99
15) Benzyl Alcohol	7.022	79	288474	61.508	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	755848	57.442	ng	98
17) 2-Methylphenol	7.134	107	241249	56.867	ng	99
18) Hexachloroethane	7.392	117	107618	53.239	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	233772	54.560	ng	99
20) 3+4-Methylphenols	7.287	107	271318	55.181	ng	# 66
22) Acetophenone	7.293	105	415887	60.461	ng	100
24) Nitrobenzene	7.463	77	351180	59.058	ng	99
25) Isophorone	7.704	82	636999	56.420	ng	99
26) 2-Nitrophenol	7.781	139	168592	66.131	ng	97
27) 2,4-Dimethylphenol	7.816	122	287486	62.688	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	412096	57.781	ng	98
29) 2,4-Dichlorophenol	8.022	162	276020	57.782	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	274625	58.456	ng	99
31) Naphthalene	8.187	128	821050	55.482	ng	100
32) Benzoic acid	7.928	122	155951	49.136	ng	98
33) 4-Chloroaniline	8.234	127	54629	9.843	ng	98
34) Hexachlorobutadiene	8.304	225	177016	54.223	ng	99
35) Caprolactam	8.604	113	76236m	50.193	ng	
36) 4-Chloro-3-methylphenol	8.716	107	259230	56.495	ng	100
37) 2-Methylnaphthalene	8.881	142	506176	51.349	ng	100
38) 1-Methylnaphthalene	8.975	142	514331	53.792	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	307006	63.877	ng	99
41) Hexachlorocyclopentadiene	9.034	237	245462	123.106	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	199798	56.895	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143990.D
 Acq On : 17 Oct 2025 17:45
 Operator : RC/JU
 Sample : Q3352-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 18:04:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	216751	58.407	ng	100
46) 1,1'-Biphenyl	9.345	154	713703	61.989	ng	99
47) 2-Chloronaphthalene	9.369	162	546339	56.914	ng	99
48) 2-Nitroaniline	9.463	65	192927	63.569	ng	99
49) Acenaphthylene	9.786	152	868694	64.370	ng	100
50) Dimethylphthalate	9.645	163	638446	57.814	ng	99
51) 2,6-Dinitrotoluene	9.704	165	136306	66.565	ng	99
52) Acenaphthene	9.957	154	520119	58.817	ng	99
53) 3-Nitroaniline	9.875	138	43901	17.509	ng	99
54) 2,4-Dinitrophenol	9.986	184	107102	84.377	ng	93
55) Dibenzofuran	10.128	168	706104	56.566	ng	99
56) 4-Nitrophenol	10.039	139	185347	97.630	ng	99
57) 2,4-Dinitrotoluene	10.110	165	185935	66.735	ng	99
58) Fluorene	10.475	166	546575	58.028	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	161544	61.494	ng	# 97
60) Diethylphthalate	10.345	149	579033	56.441	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	279237	56.073	ng	98
62) 4-Nitroaniline	10.492	138	131445	54.516	ng	94
63) Azobenzene	10.628	77	623467	58.147	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	87685	61.604	ng	97
66) n-Nitrosodiphenylamine	10.586	169	531954	59.814	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	186312	59.520	ng	98
68) Hexachlorobenzene	11.022	284	210140	57.987	ng	100
69) Atrazine	11.110	200	164283	60.946	ng	98
70) Pentachlorophenol	11.222	266	220629	106.004	ng	99
71) Phenanthrene	11.439	178	785750	57.222	ng	100
72) Anthracene	11.492	178	807542	58.213	ng	99
73) Carbazole	11.645	167	702537	57.182	ng	99
74) Di-n-butylphthalate	11.975	149	857538	60.223	ng	99
75) Fluoranthene	12.633	202	789024	55.629	ng	100
77) Benzidine	12.757	184	76105	13.314	ng	98
78) Pyrene	12.863	202	804832	58.643	ng	99
80) Butylbenzylphthalate	13.480	149	297992	66.856	ng	98
81) Benzo(a)anthracene	14.051	228	660652	61.325	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	64340	19.598	ng	99
83) Chrysene	14.086	228	620828	62.266	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	374246	69.654	ng	100
85) Di-n-octyl phthalate	14.651	149	639987	72.522	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	825305	64.879	ng	98
88) Benzo(b)fluoranthene	15.110	252	706423	59.238	ng	99
89) Benzo(k)fluoranthene	15.139	252	628907	56.994	ng	98
90) Benzo(a)pyrene	15.486	252	650939	62.951	ng	98
91) Dibenzo(a,h)anthracene	17.074	278	672428	65.726	ng	98
92) Benzo(g,h,i)perylene	17.509	276	663809	64.883	ng	98

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

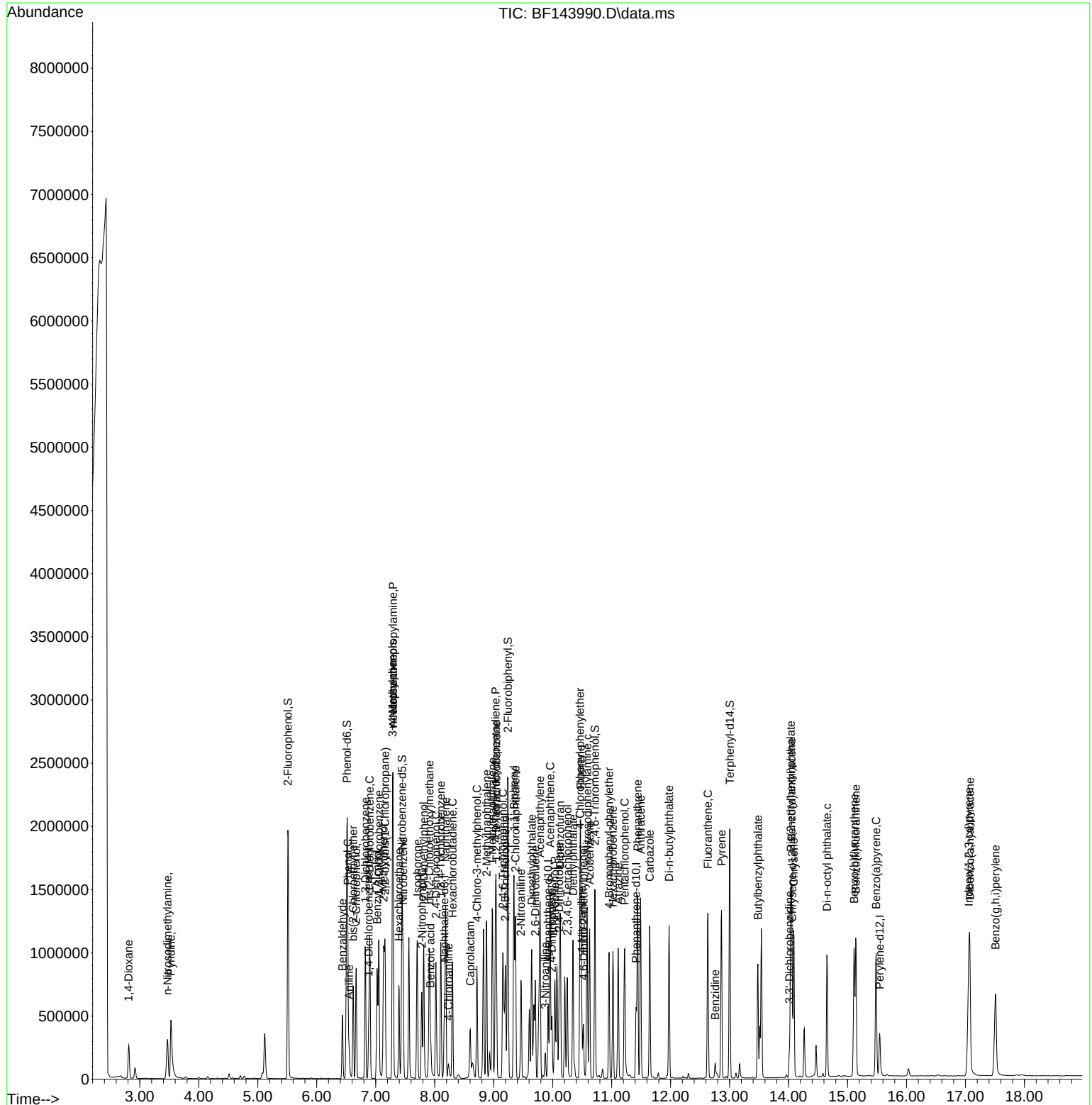
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Acq On    : 17 Oct 2025   17:45
Operator  : RC/JU
Sample    : Q3352-04MSD
Misc      :
ALS Vial  : 8   Sample Multiplier: 1
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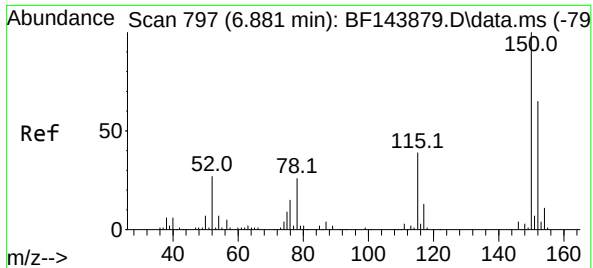
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

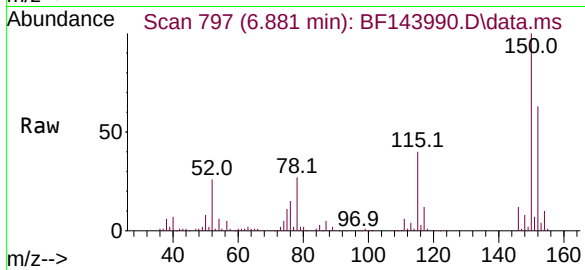
Quant Time: Oct 17 18:04:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

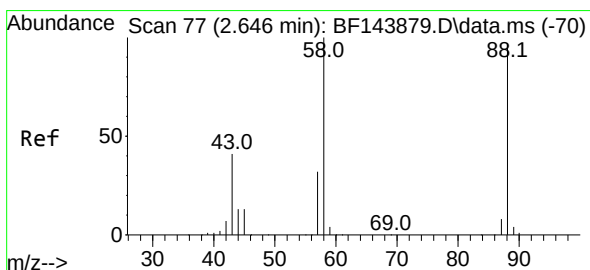
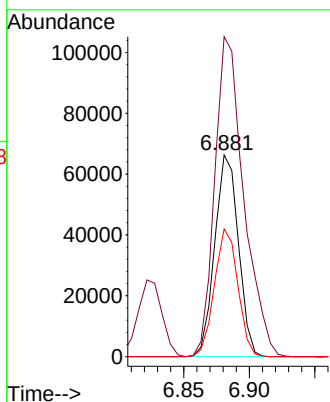
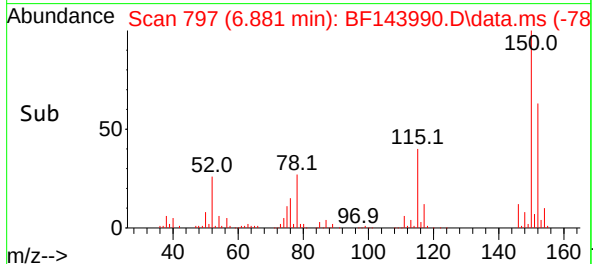
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:152 Resp: 83393
Ion Ratio Lower Upper
152 100
150 158.6 124.4 186.6
115 63.2 48.1 72.1

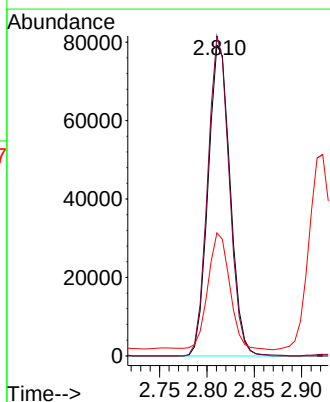
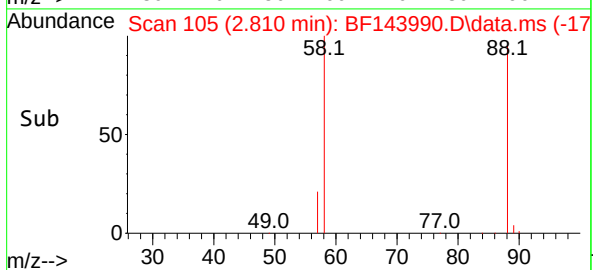
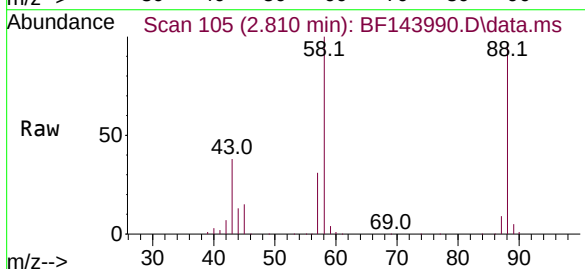
Manual Integrations
APPROVED

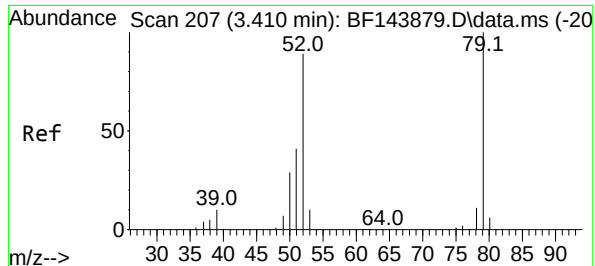
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#2
1,4-Dioxane
Concen: 52.710 ng
RT: 2.810 min Scan# 105
Delta R.T. 0.165 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

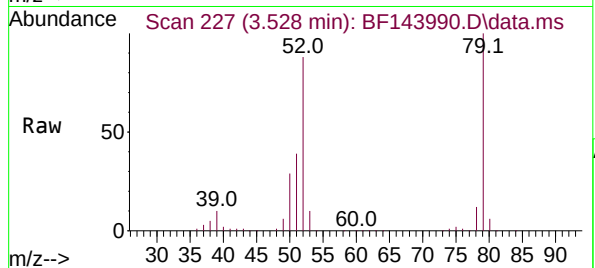
Tgt Ion: 88 Resp: 128093
Ion Ratio Lower Upper
88 100
58 101.2 83.0 124.6
43 0.0 33.9 50.9





#3
Pyridine
Concen: 47.271 ng
RT: 3.528 min Scan# 217
Delta R.T. 0.112 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

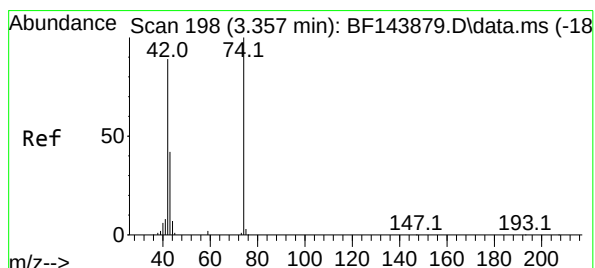
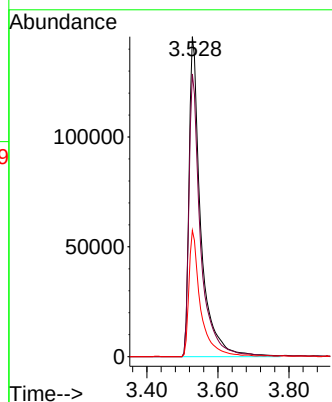
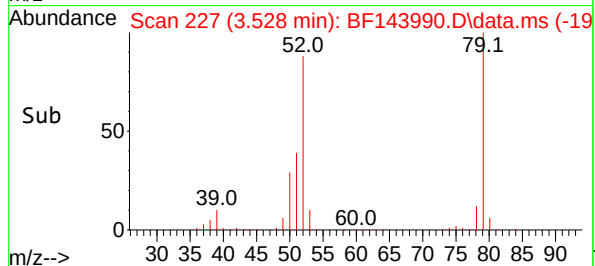
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



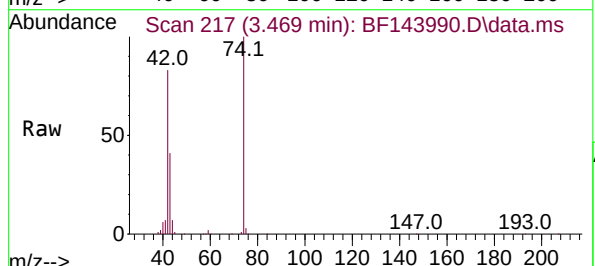
Tgt Ion: 79 Resp: 334415
Ion Ratio Lower Upper
79 100
52 88.3 71.5 107.3
51 39.4 32.9 49.3

Manual Integrations
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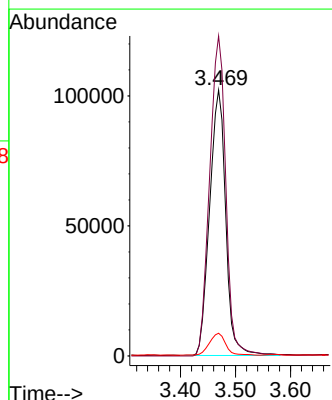
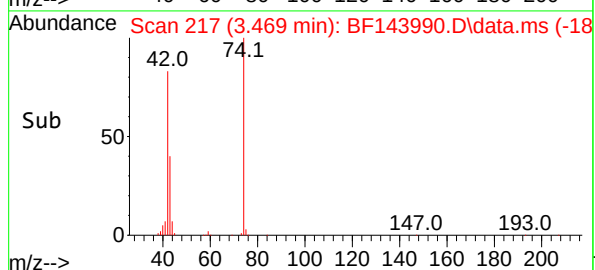
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

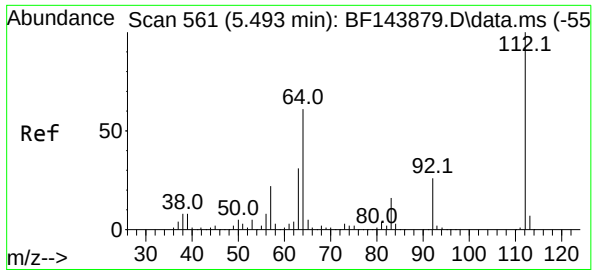


#4
n-Nitrosodimethylamine
Concen: 55.811 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.083 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45



Tgt Ion: 42 Resp: 207701
Ion Ratio Lower Upper
42 100
74 120.4 90.0 135.0
44 8.5 6.2 9.2





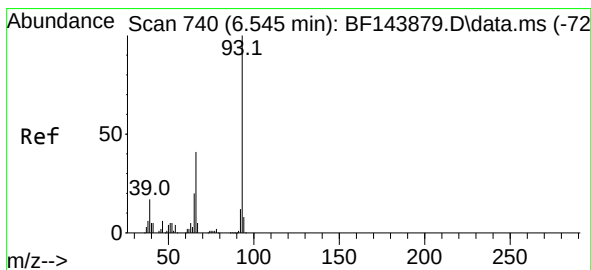
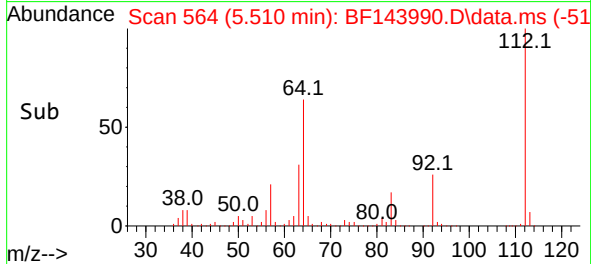
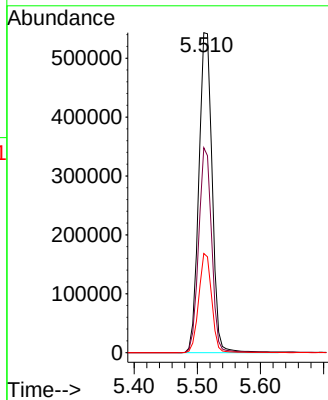
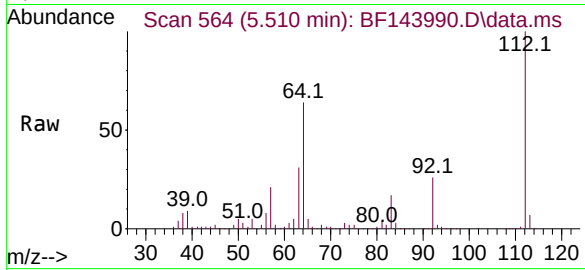
#5
2-Fluorophenol
Concen: 151.194 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:112 Resp: 793992
Ion Ratio Lower Upper
112 100
64 64.0 49.1 73.7
63 31.0 24.5 36.7

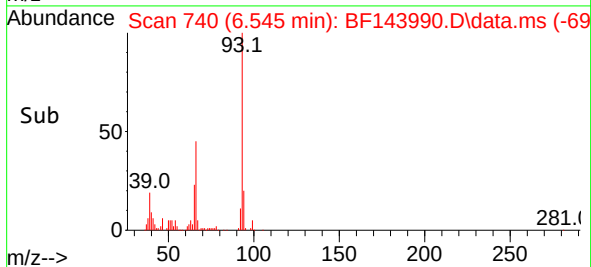
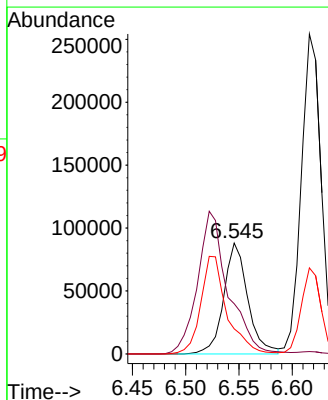
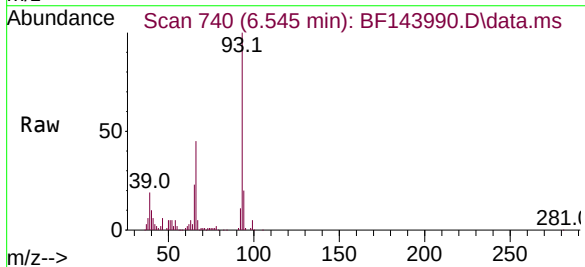
Manual Integrations
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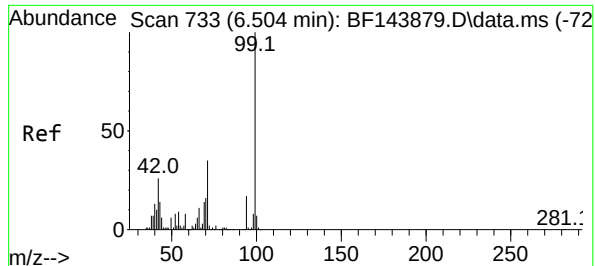
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#6
Aniline
Concen: 14.719 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

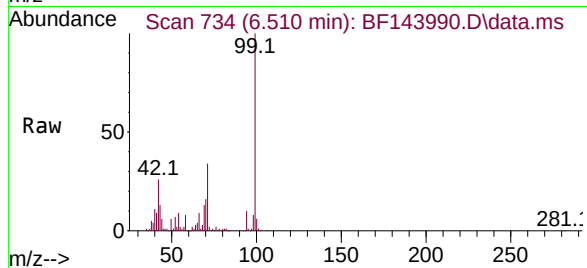
Tgt Ion: 93 Resp: 138064
Ion Ratio Lower Upper
93 100
66 45.3 33.0 49.6
65 22.6 15.8 23.8





#7
Phenol-d6
Concen: 142.578 ng
RT: 6.510 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

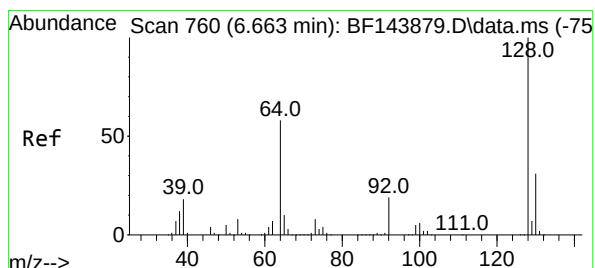
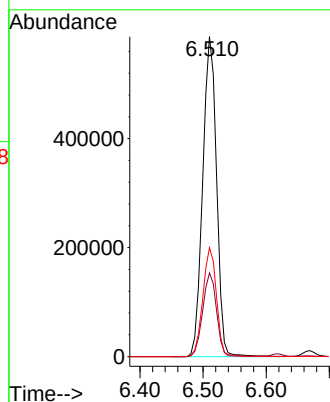
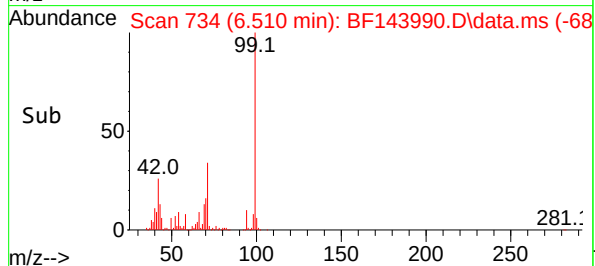
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 99 Resp: 892476
Ion Ratio Lower Upper
99 100
42 26.2 21.0 31.4
71 34.1 27.8 41.8

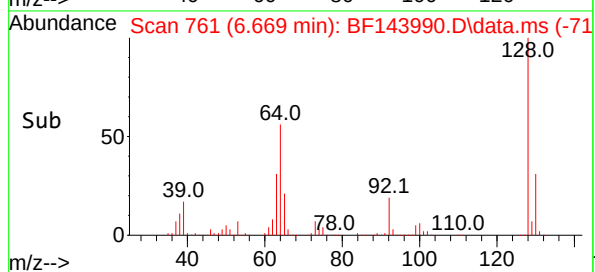
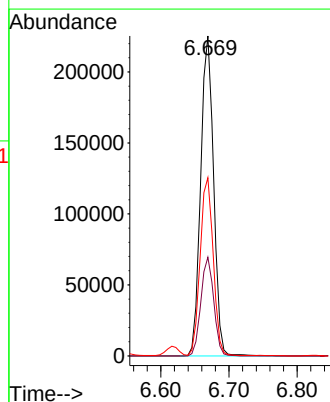
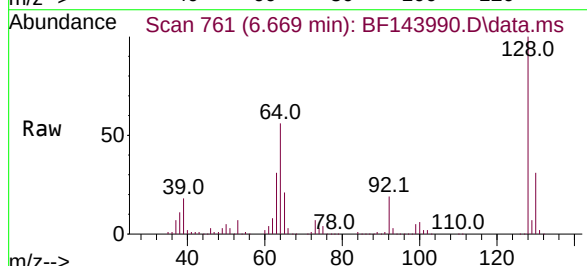
Manual Integrations
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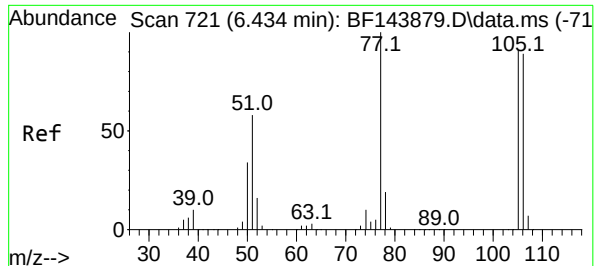
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#8
2-Chlorophenol
Concen: 57.927 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:128 Resp: 297355
Ion Ratio Lower Upper
128 100
130 30.8 10.7 50.7
64 55.7 39.0 79.0





#9

Benzaldehyde

Concen: 28.611 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 77 Resp: 138153

Ion Ratio Lower Upper

77 100

105 93.2 70.9 110.9

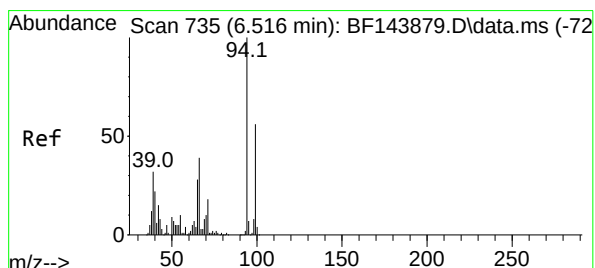
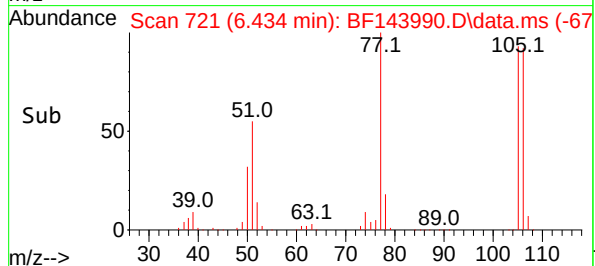
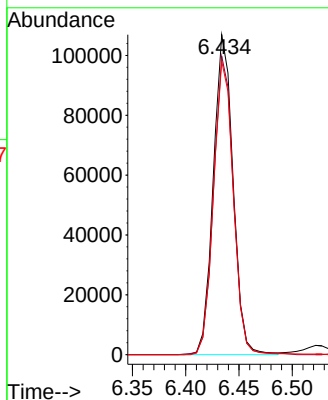
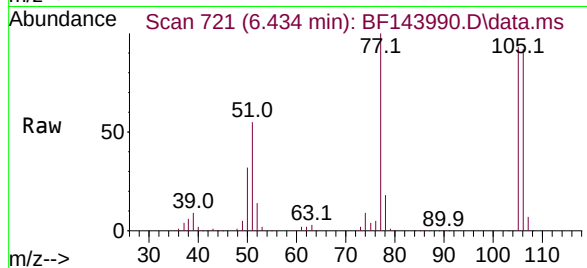
106 91.7 68.9 108.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#10

Phenol

Concen: 49.850 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

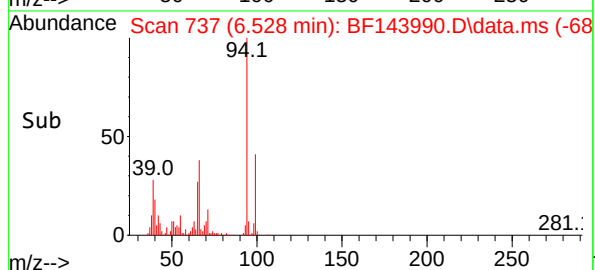
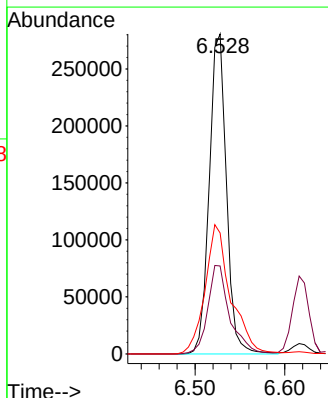
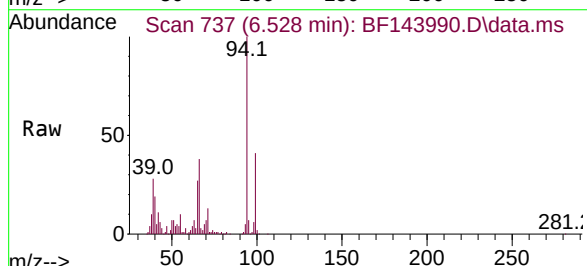
Tgt Ion: 94 Resp: 373052

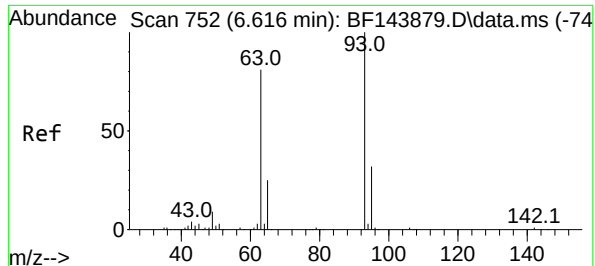
Ion Ratio Lower Upper

94 100

65 27.5 8.5 48.5

66 37.8 19.9 59.9





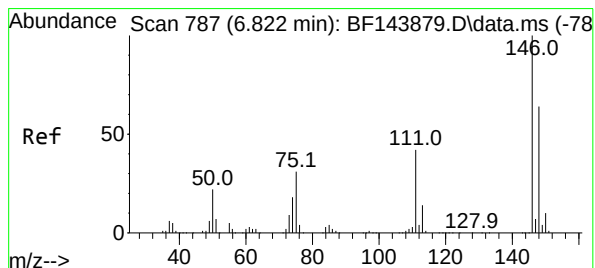
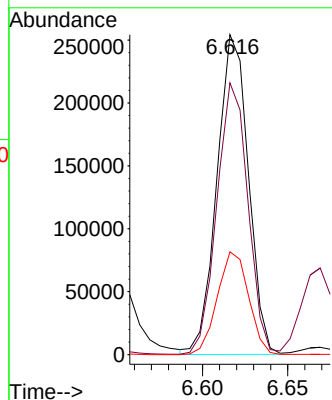
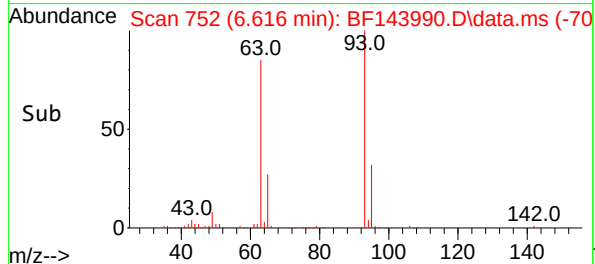
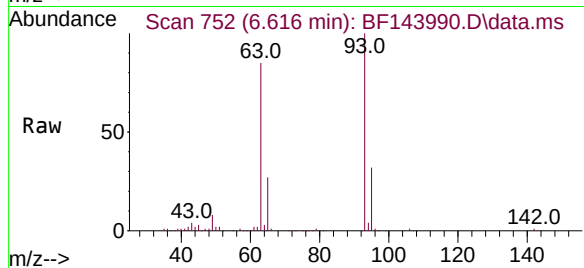
#11
bis(2-Chloroethyl)ether
Concen: 56.401 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 93 Resp: 326044
Ion Ratio Lower Upper
93 100
63 84.9 60.9 100.9
95 32.1 11.5 51.5

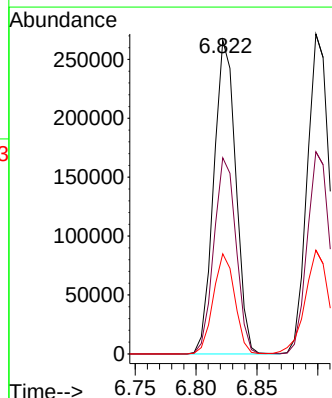
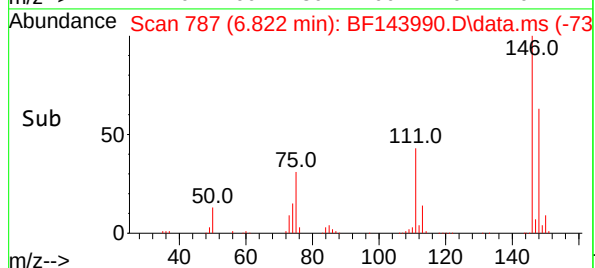
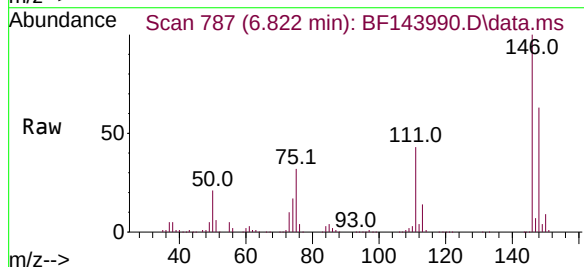
Manual Integrations
APPROVED

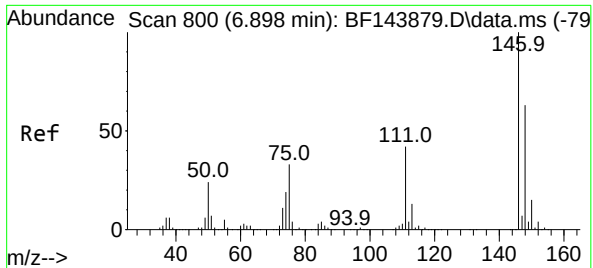
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#12
1,3-Dichlorobenzene
Concen: 54.562 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:146 Resp: 335270
Ion Ratio Lower Upper
146 100
148 62.5 51.0 76.4
75 31.9 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 56.156 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:146 Resp: 340375

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

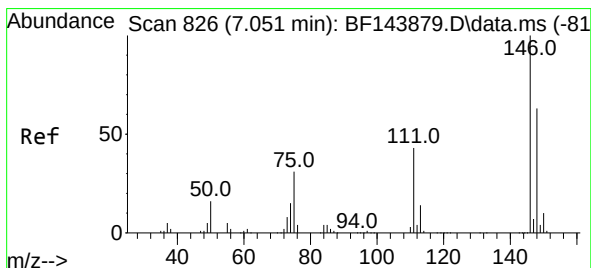
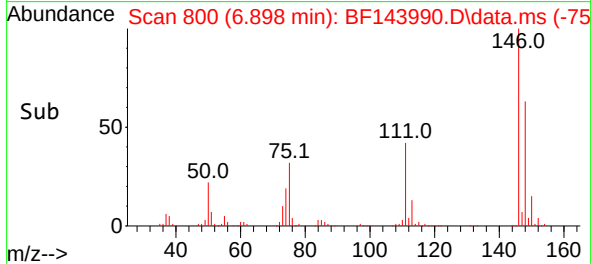
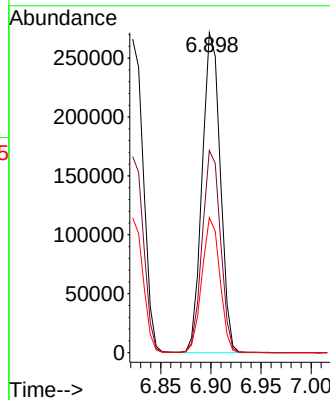
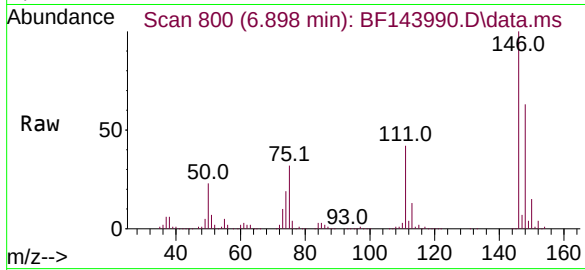
111 42.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#14

1,2-Dichlorobenzene

Concen: 57.359 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

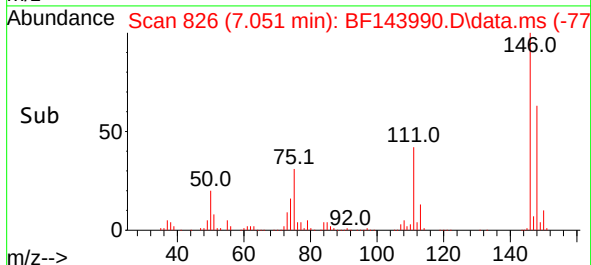
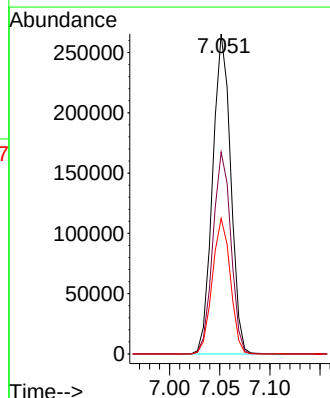
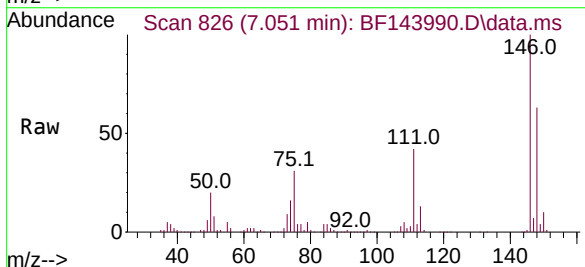
Tgt Ion:146 Resp: 333008

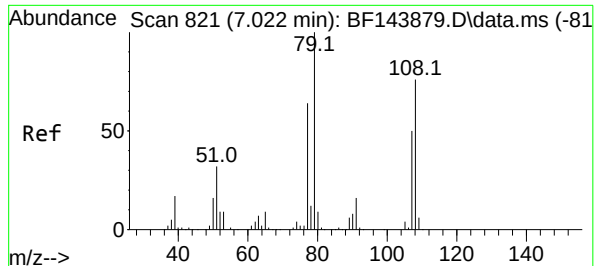
Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

111 42.3 34.6 51.8





#15

Benzyl Alcohol

Concen: 61.508 ng

RT: 7.022 min Scan# 821

Delta R.T. -0.012 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 79 Resp: 288474

Ion Ratio Lower Upper

79 100

108 74.8 60.8 91.2

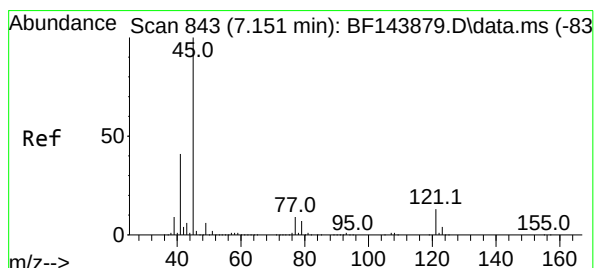
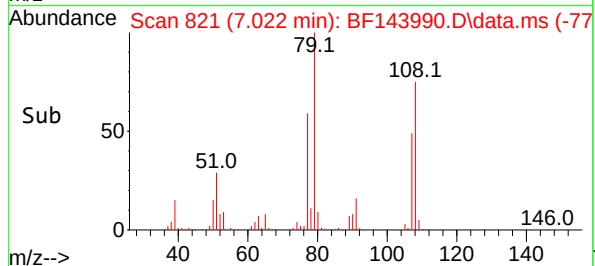
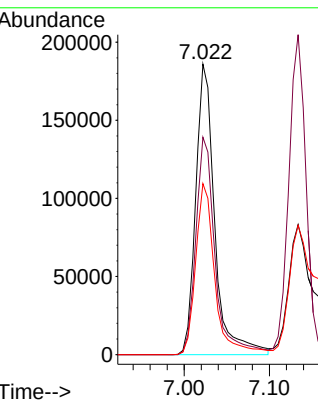
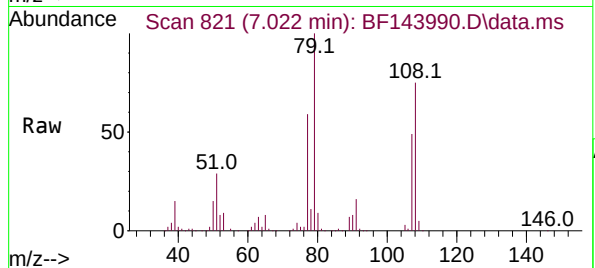
77 58.9 51.0 76.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.442 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

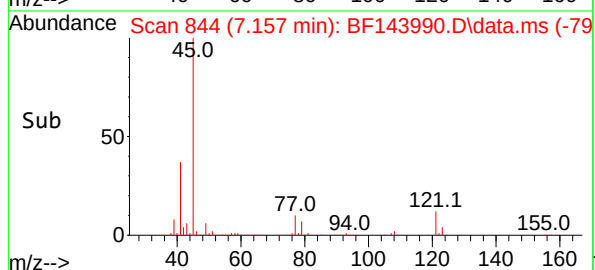
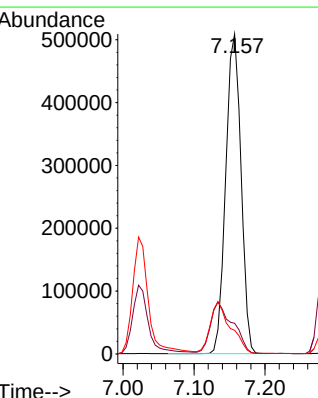
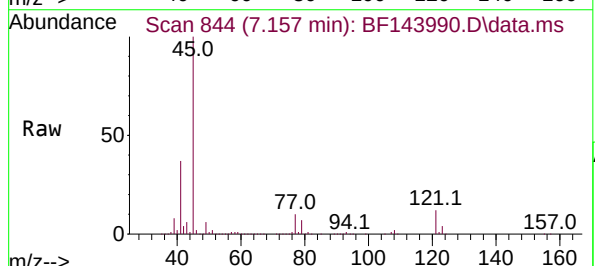
Tgt Ion: 45 Resp: 755848

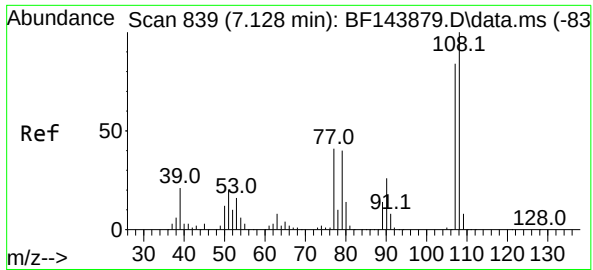
Ion Ratio Lower Upper

45 100

77 9.6 0.0 29.0

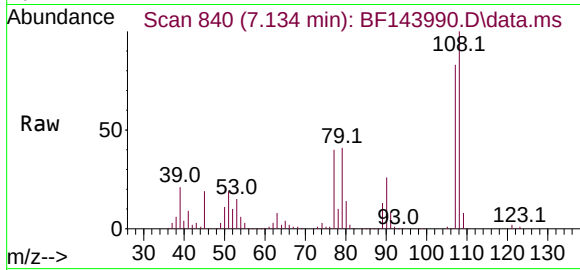
79 7.4 0.0 26.8





#17
2-Methylphenol
Concen: 56.867 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

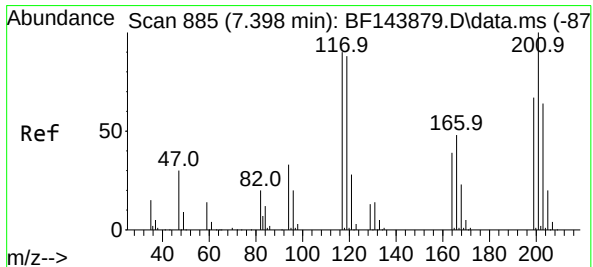
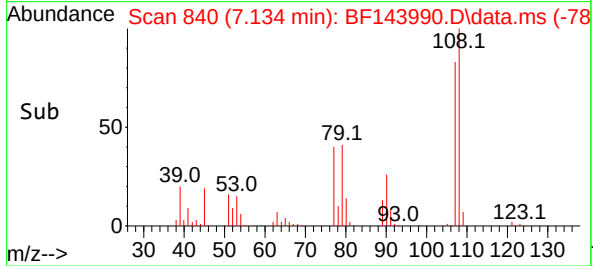
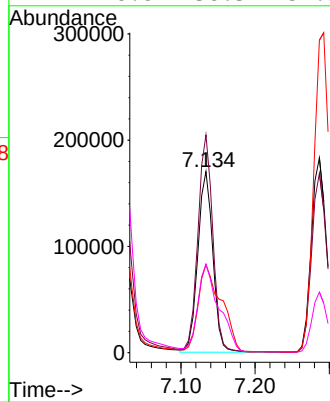
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:107 Resp: 241249
Ion Ratio Lower Upper
107 100
108 120.2 94.7 142.1
77 48.5 38.8 58.2
79 48.8 38.3 57.5

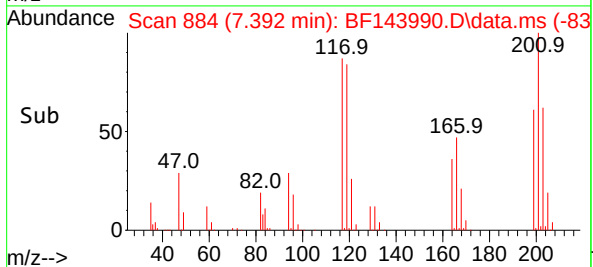
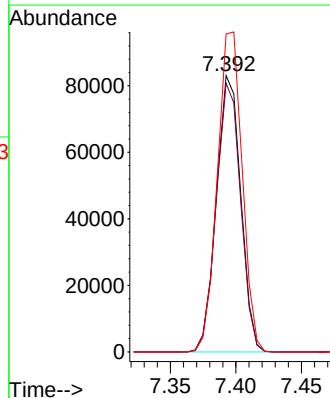
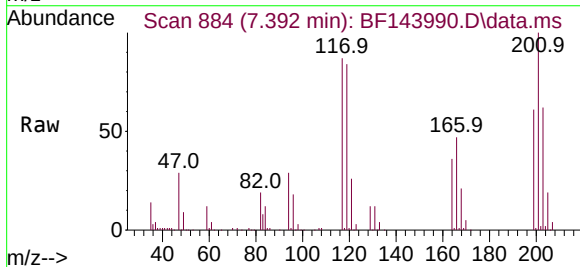
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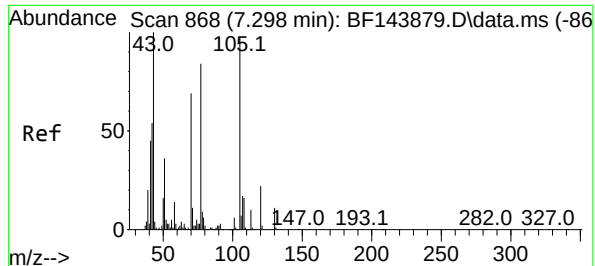
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#18
Hexachloroethane
Concen: 53.239 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:117 Resp: 107618
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.8
201 115.2 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 54.560 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 70 Resp: 233772

Ion Ratio Lower Upper

70 100

42 79.8 62.8 94.2

101 8.2 6.7 10.1

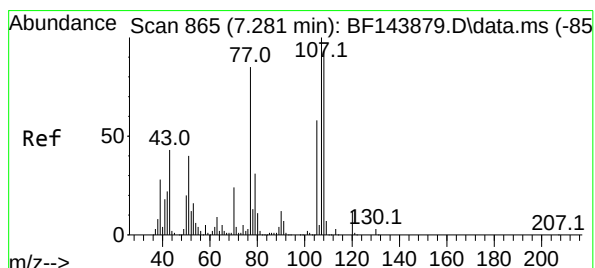
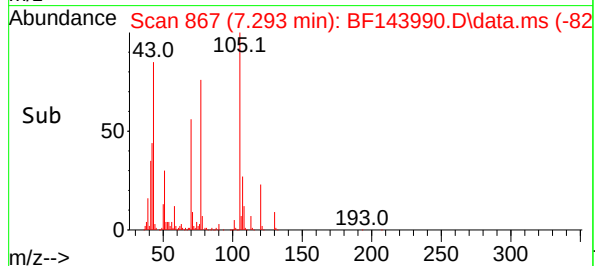
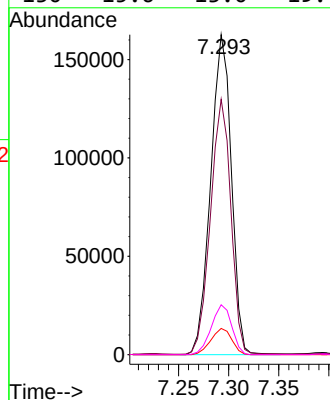
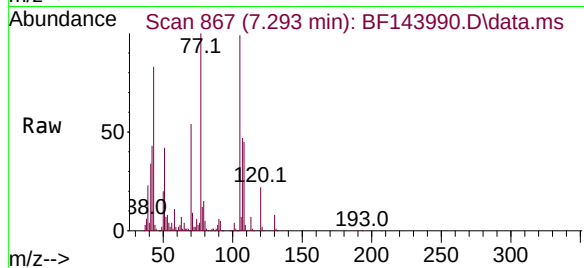
130 15.6 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#20

3+4-Methylphenols

Concen: 55.181 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Tgt Ion:107 Resp: 271318

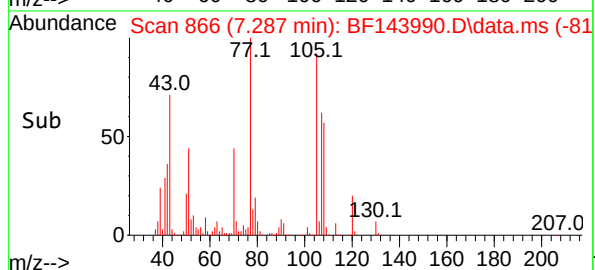
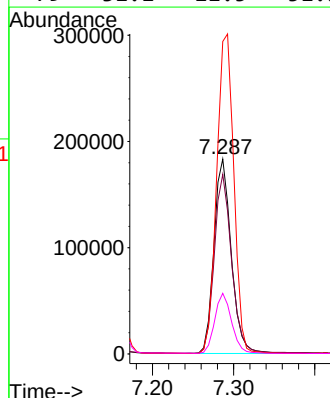
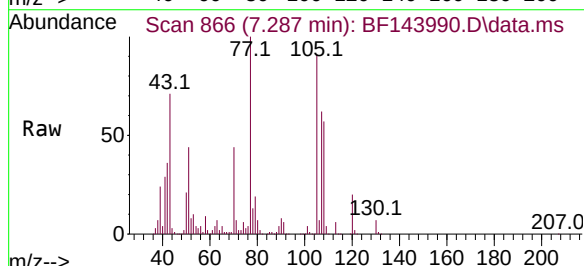
Ion Ratio Lower Upper

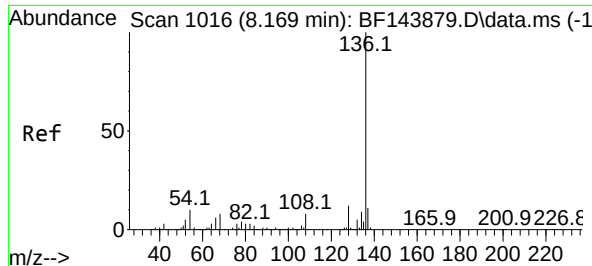
107 100

108 92.1 73.0 113.0

77 160.3 64.6 104.6#

79 31.1 11.5 51.5





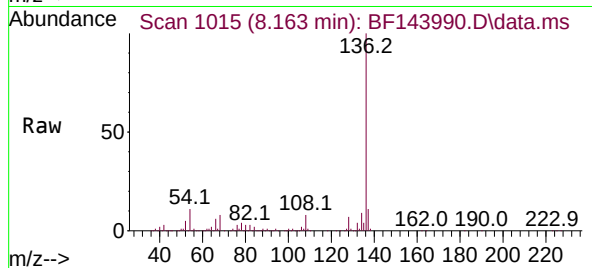
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

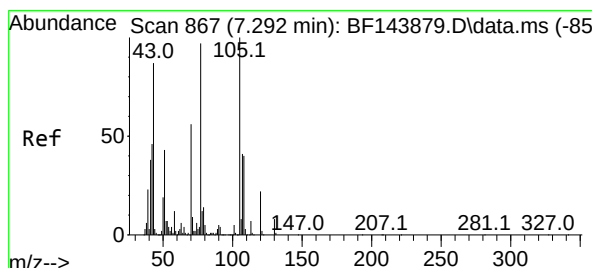
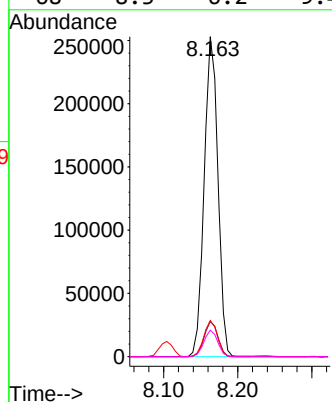
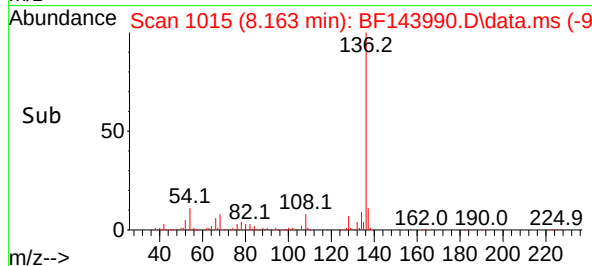


Tgt Ion:136 Resp: 325316
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.3 8.2 12.4
68 8.3 6.2 9.4

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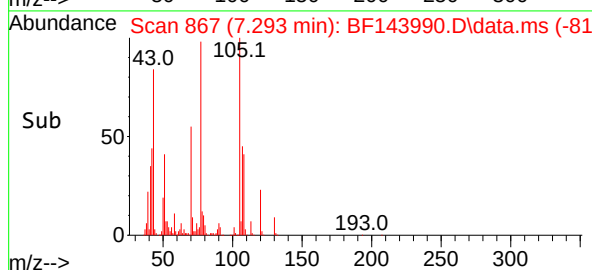
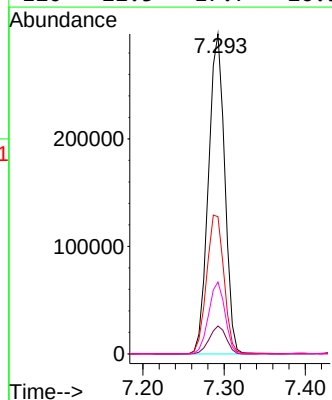
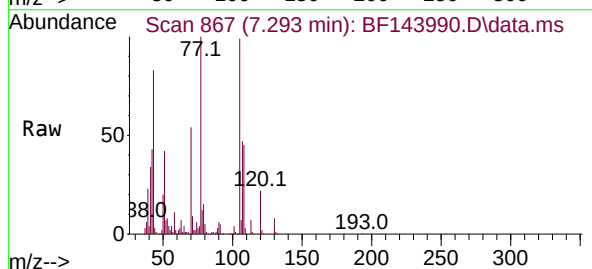
APPROVED

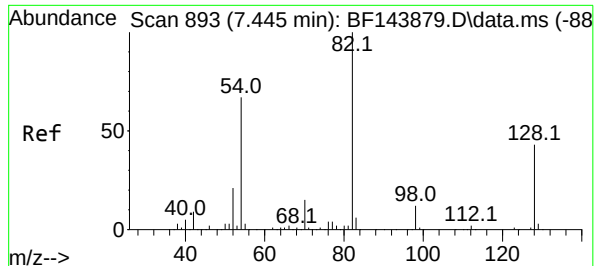
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#22
Acetophenone
Concen: 60.461 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:105 Resp: 415887
Ion Ratio Lower Upper
105 100
71 8.8 7.4 11.0
51 42.9 34.2 51.4
120 22.5 17.7 26.5





#23

Nitrobenzene-d5

Concen: 116.448 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 82 Resp: 623529

Ion Ratio Lower Upper

82 100

128 42.5 34.0 51.0

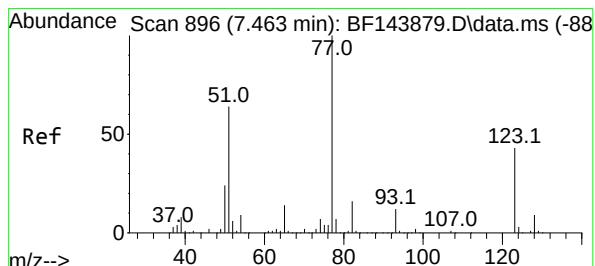
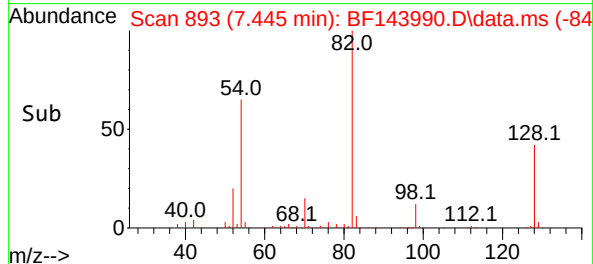
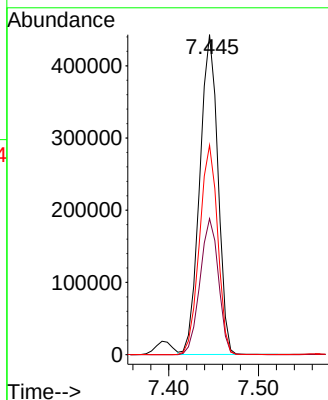
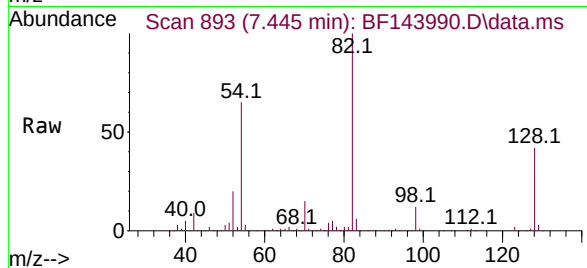
54 65.4 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#24

Nitrobenzene

Concen: 59.058 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

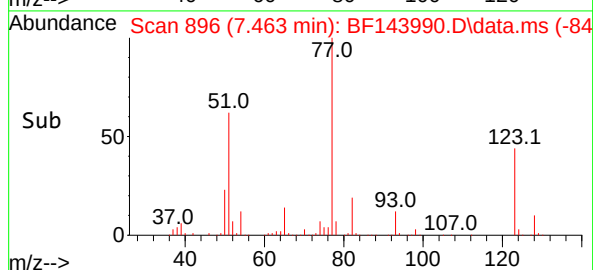
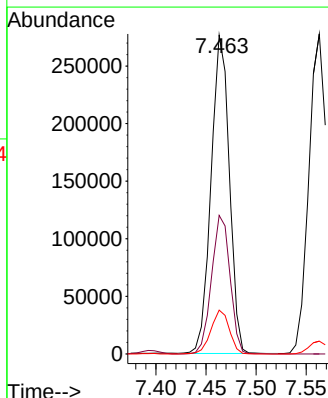
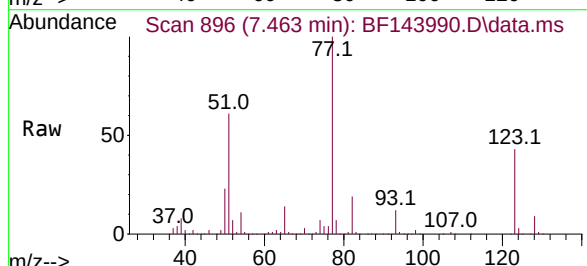
Tgt Ion: 77 Resp: 351180

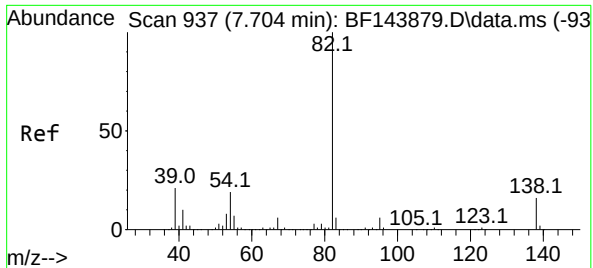
Ion Ratio Lower Upper

77 100

123 43.5 34.2 51.4

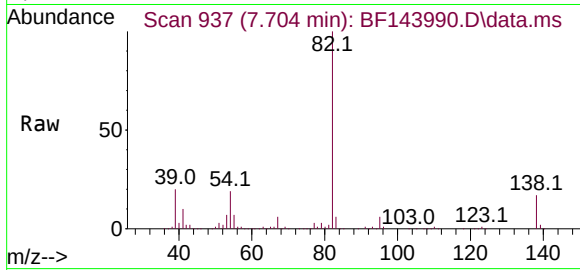
65 13.7 11.0 16.6





#25
Isophorone
Concen: 56.420 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.017 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

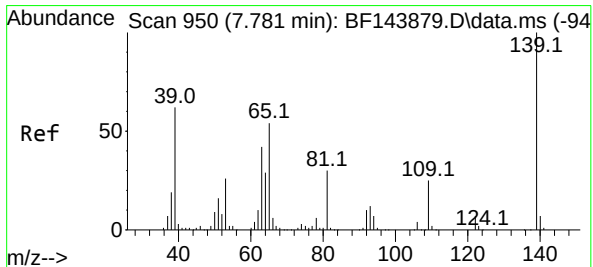
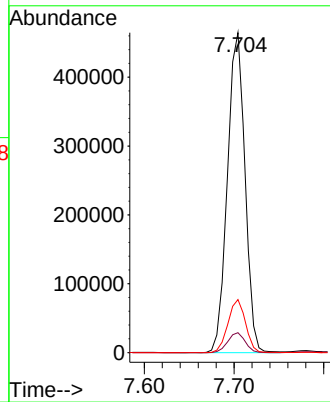
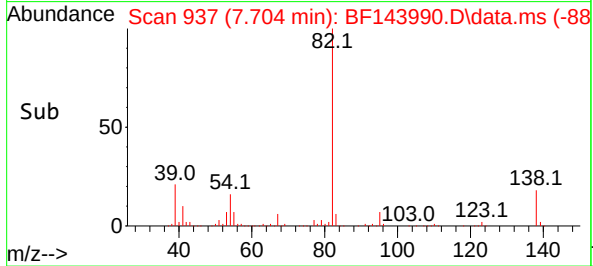
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 82 Resp: 636999
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 16.6 12.9 19.3

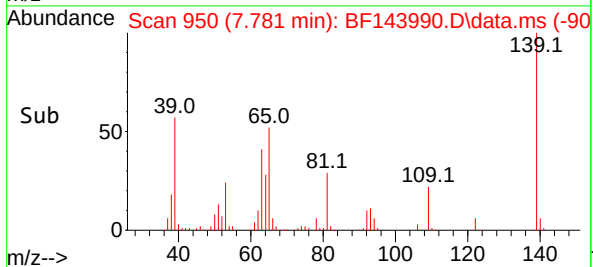
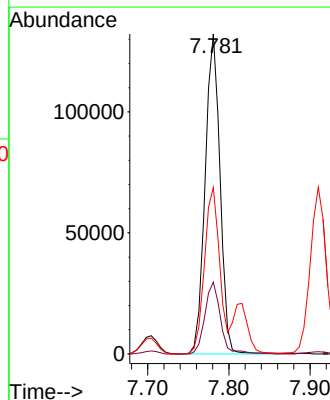
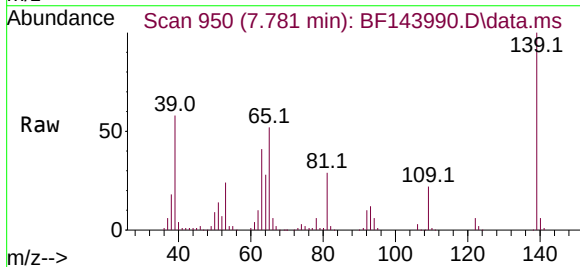
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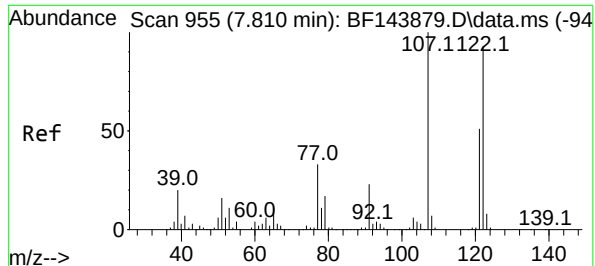
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#26
2-Nitrophenol
Concen: 66.131 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:139 Resp: 168592
Ion Ratio Lower Upper
139 100
109 22.4 19.8 29.6
65 52.0 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 62.688 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:122 Resp: 287486

Ion Ratio Lower Upper

122 100

107 105.6 86.1 129.1

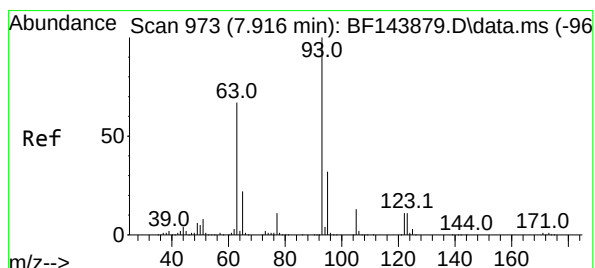
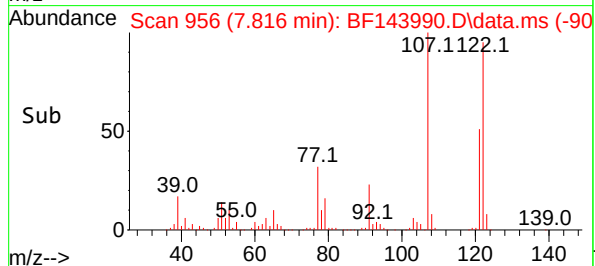
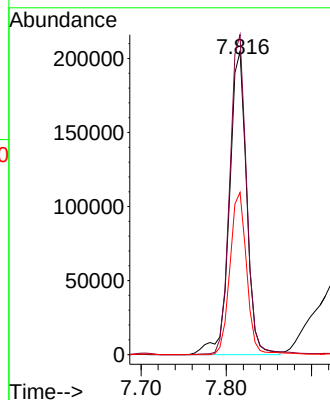
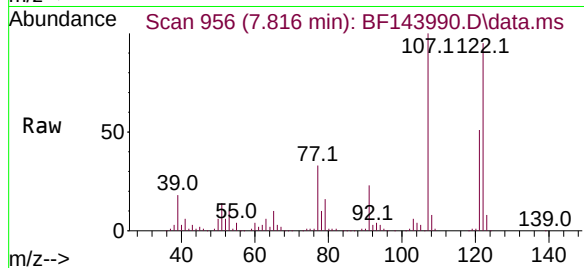
121 53.5 43.8 65.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#28

bis(2-Chloroethoxy)methane

Concen: 57.781 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

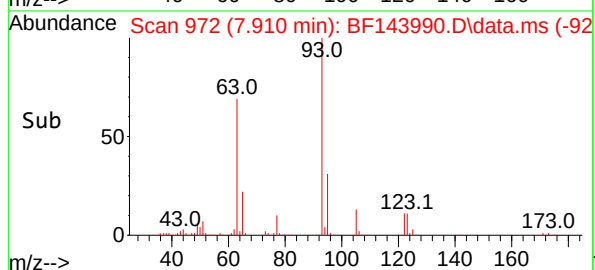
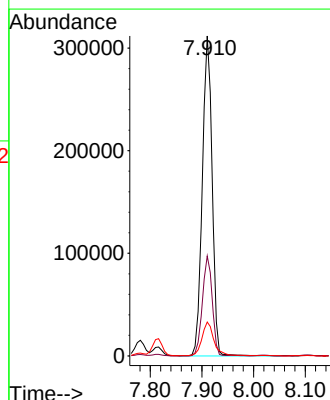
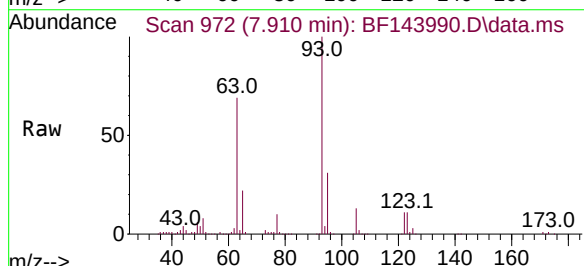
Tgt Ion: 93 Resp: 412096

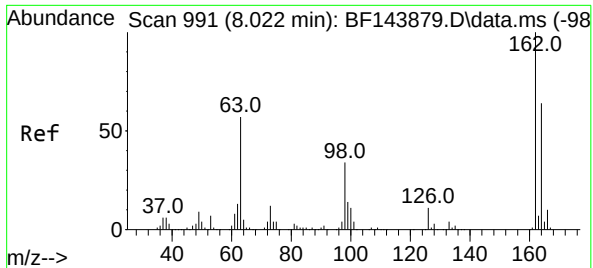
Ion Ratio Lower Upper

93 100

95 31.2 25.9 38.9

123 10.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 57.782 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143990.D

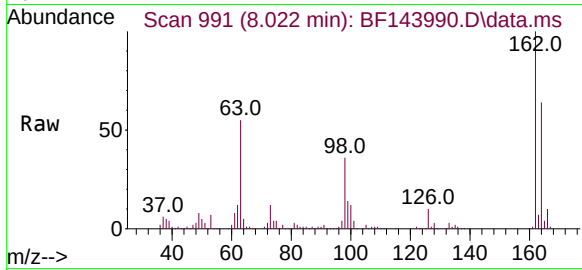
Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



Tgt Ion:162 Resp: 276020

Ion Ratio Lower Upper

162 100

164 63.7 43.9 83.9

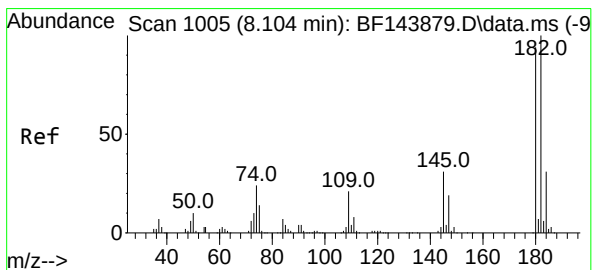
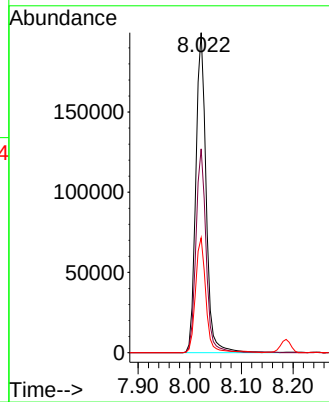
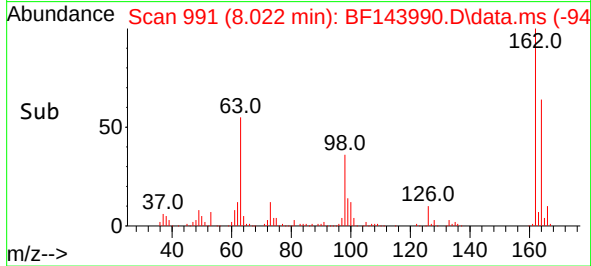
98 35.9 14.4 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#30

1,2,4-Trichlorobenzene

Concen: 58.456 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

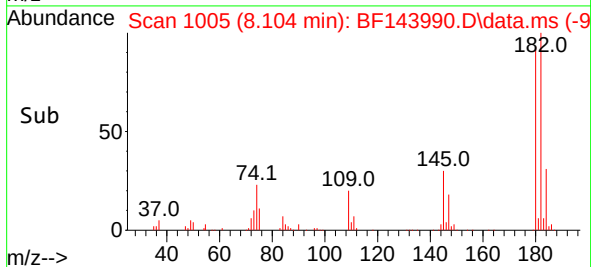
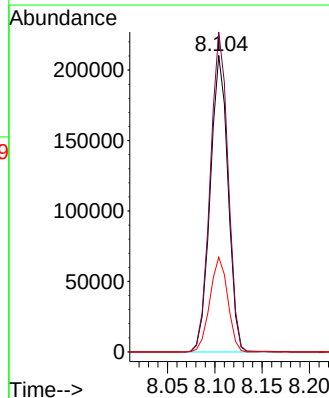
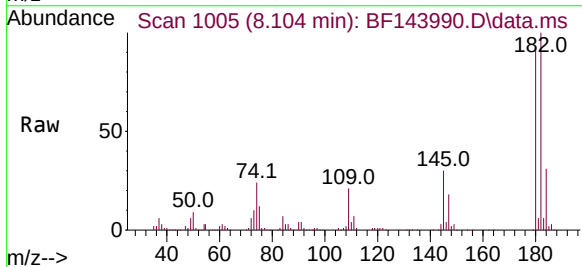
Tgt Ion:180 Resp: 274625

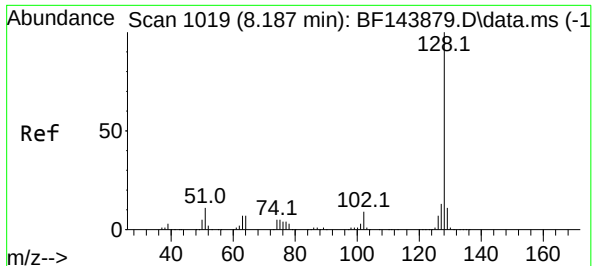
Ion Ratio Lower Upper

180 100

182 108.0 85.4 128.0

145 31.9 26.3 39.5





#31

Naphthalene

Concen: 55.482 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:128 Resp: 821050

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

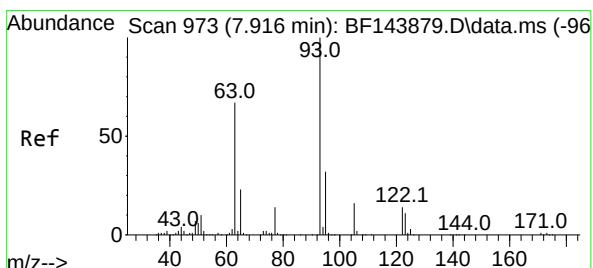
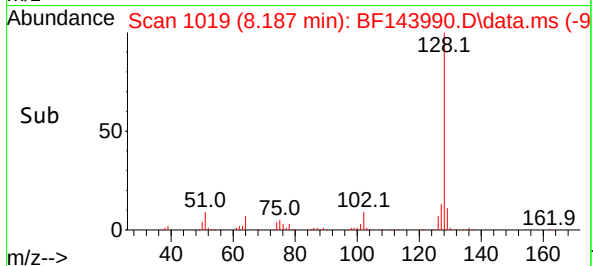
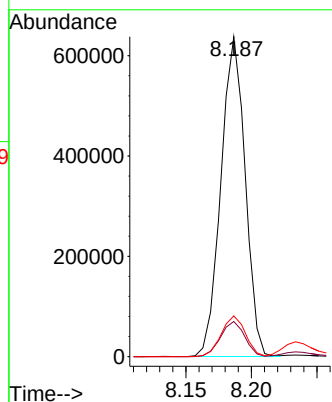
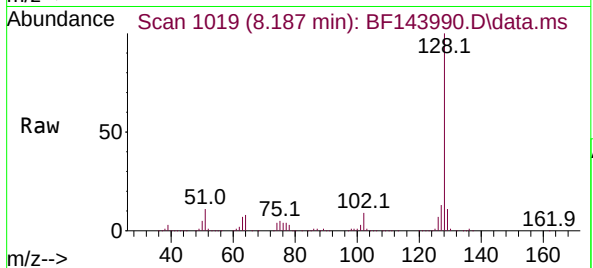
127 12.7 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#32

Benzoic acid

Concen: 49.136 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.035 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

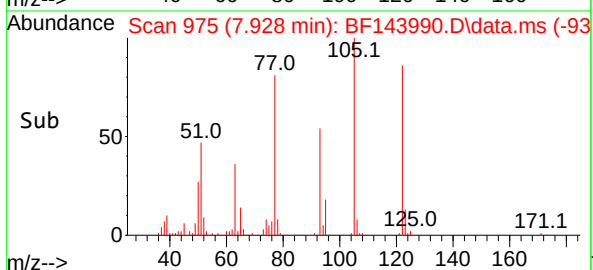
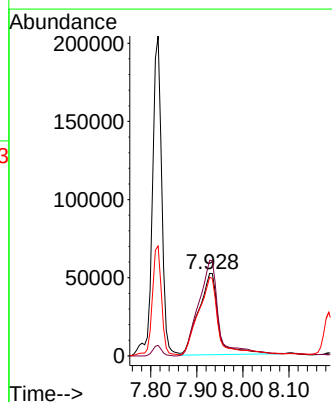
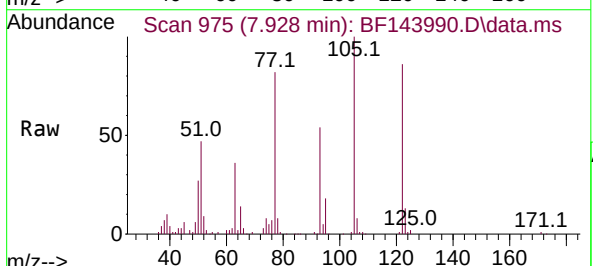
Tgt Ion:122 Resp: 155951

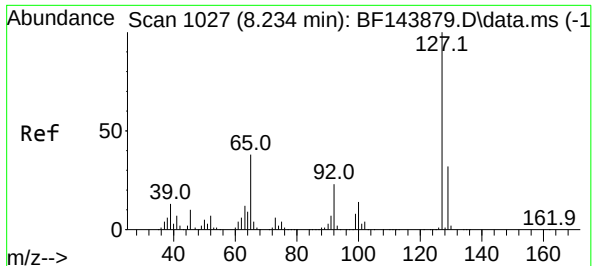
Ion Ratio Lower Upper

122 100

105 115.8 93.5 133.5

77 95.2 76.3 116.3





#33

4-Chloroaniline

Concen: 9.843 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:127 Resp: 54629

Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 35.2 30.0 45.0

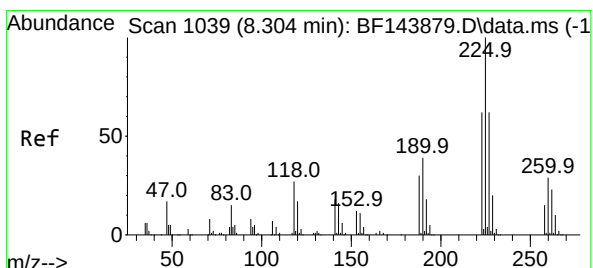
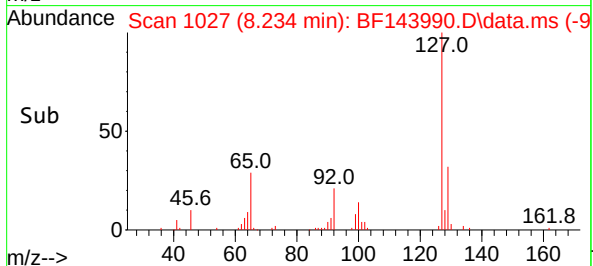
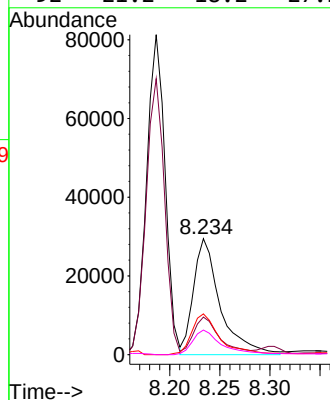
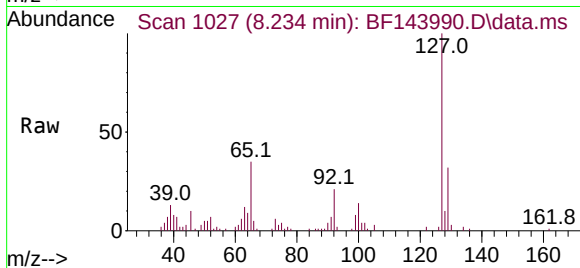
92 21.2 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#34

Hexachlorobutadiene

Concen: 54.223 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

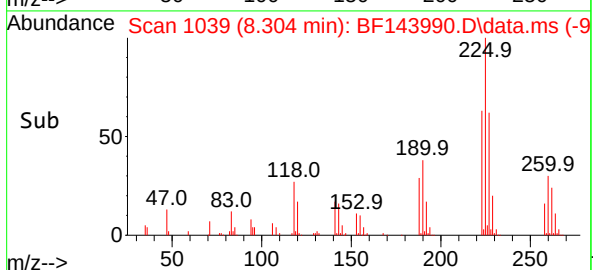
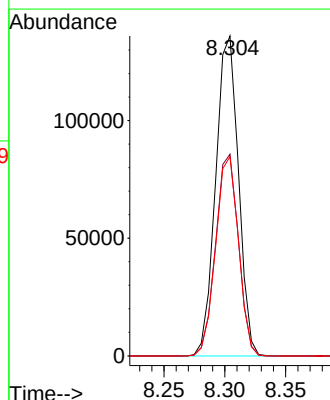
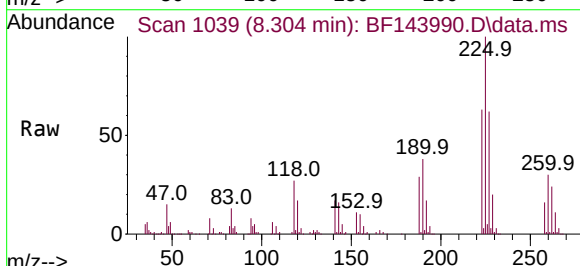
Tgt Ion:225 Resp: 177016

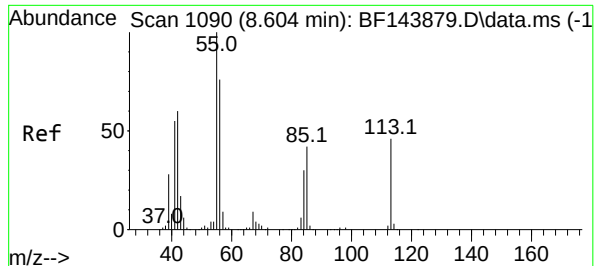
Ion Ratio Lower Upper

225 100

223 63.0 49.4 74.2

227 62.3 49.7 74.5





#35

Caprolactam

Concen: 50.193 ng m

RT: 8.604 min Scan# 1090

Delta R.T. -0.041 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:113 Resp: 76236

Ion Ratio Lower Upper

113 100

55 227.2 199.6 239.6

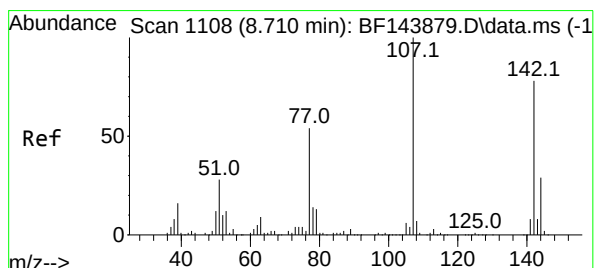
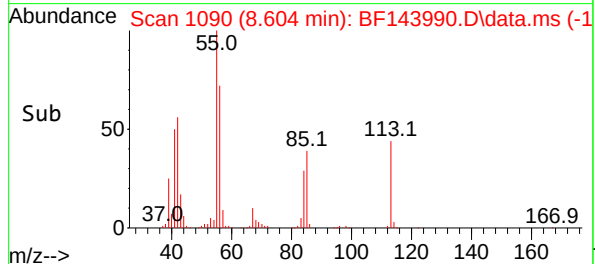
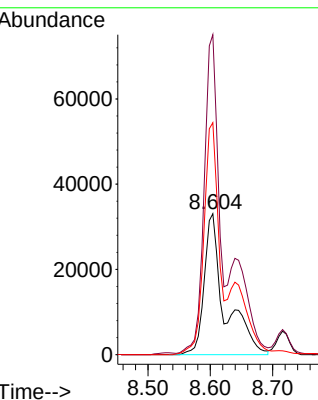
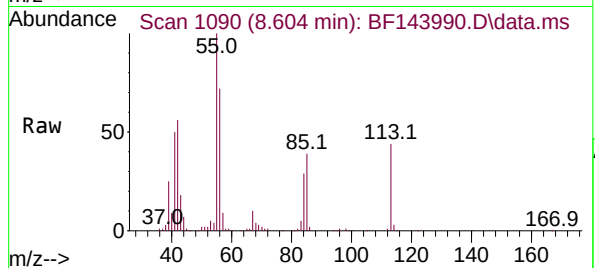
56 164.6 146.0 186.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#36

4-Chloro-3-methylphenol

Concen: 56.495 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

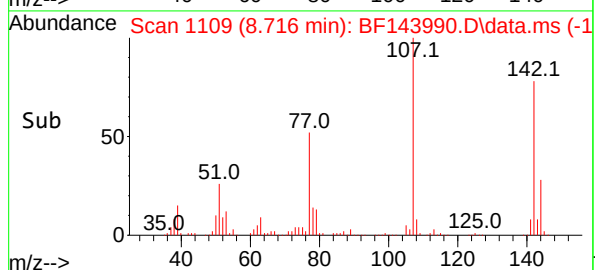
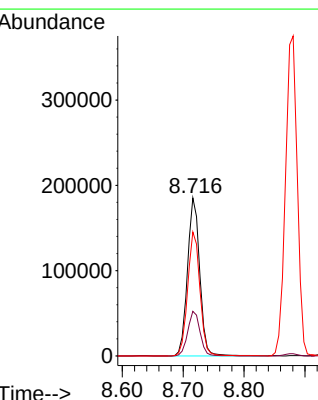
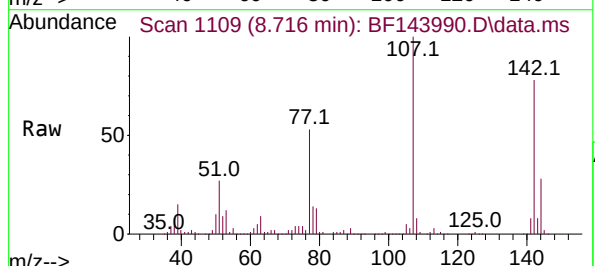
Tgt Ion:107 Resp: 259230

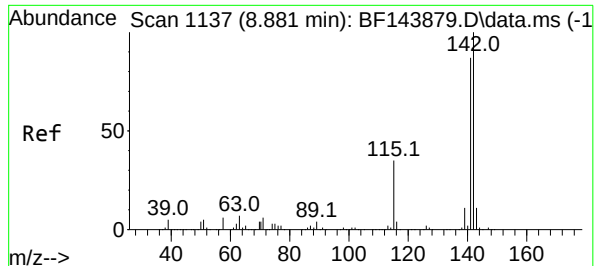
Ion Ratio Lower Upper

107 100

144 28.2 23.1 34.7

142 78.4 62.6 94.0





#37

2-Methylnaphthalene

Concen: 51.349 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:142 Resp: 506176

Ion Ratio Lower Upper

142 100

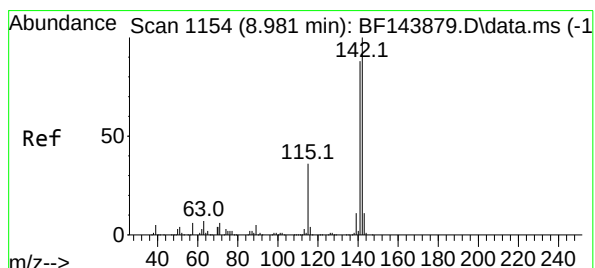
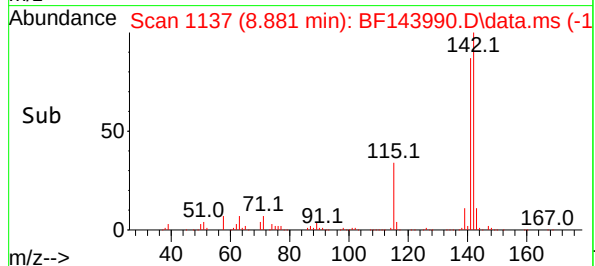
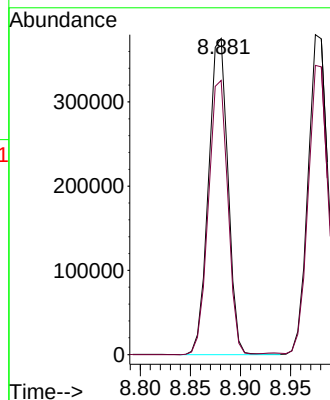
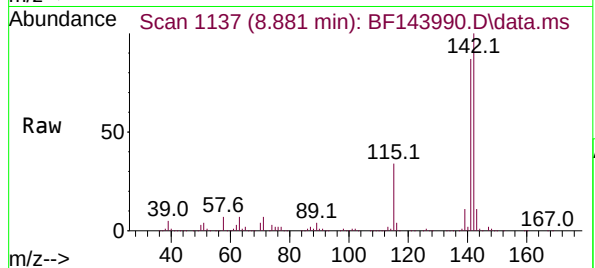
141 86.8 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#38

1-Methylnaphthalene

Concen: 53.792 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143990.D

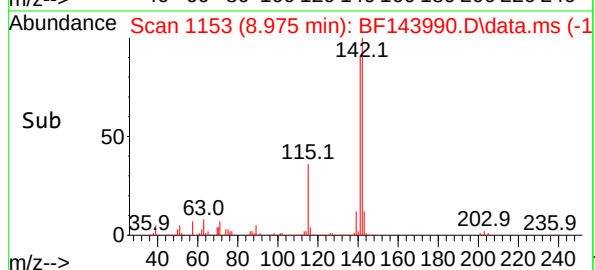
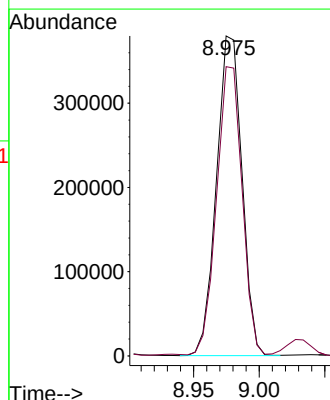
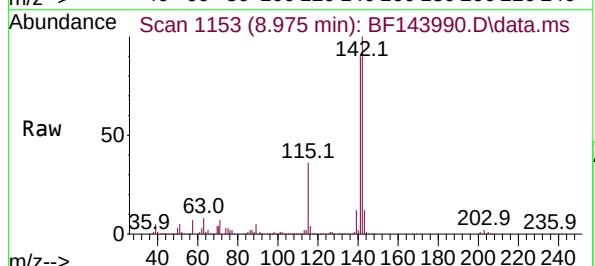
Acq: 17 Oct 2025 17:45

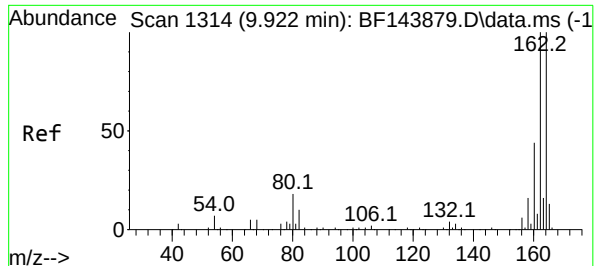
Tgt Ion:142 Resp: 514331

Ion Ratio Lower Upper

142 100

141 90.4 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143990.D

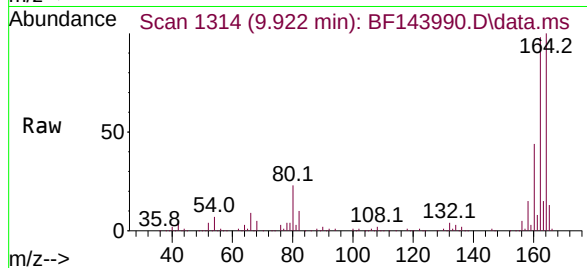
Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



Tgt Ion:164 Resp: 173895

Ion Ratio Lower Upper

164 100

162 98.1 80.2 120.2

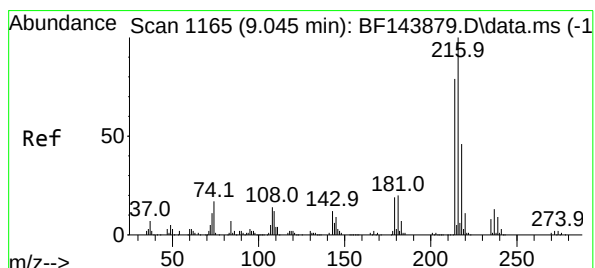
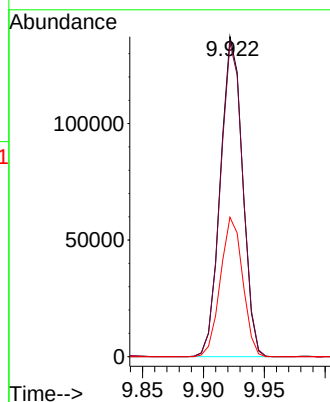
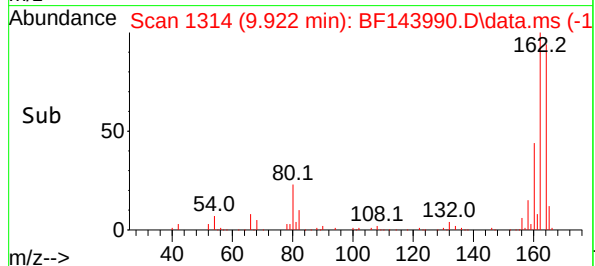
160 43.5 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#40

1,2,4,5-Tetrachlorobenzene

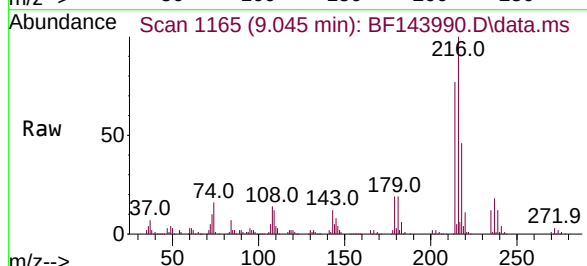
Concen: 63.877 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45



Tgt Ion:216 Resp: 307006

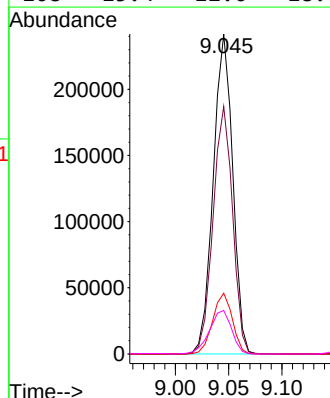
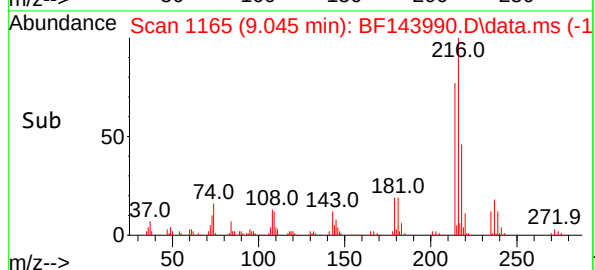
Ion Ratio Lower Upper

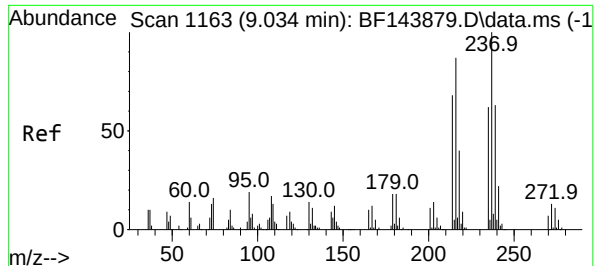
216 100

214 77.4 62.6 94.0

179 19.1 15.4 23.0

108 15.4 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 123.106 ng

RT: 9.034 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:237 Resp: 245462

Ion Ratio Lower Upper

237 100

235 64.4 42.3 82.3

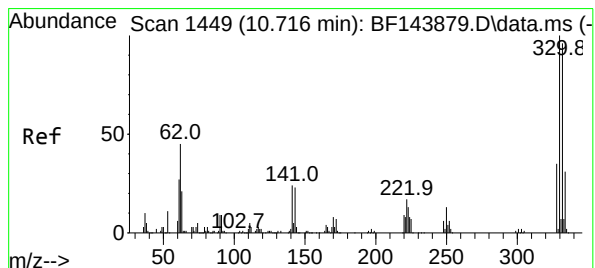
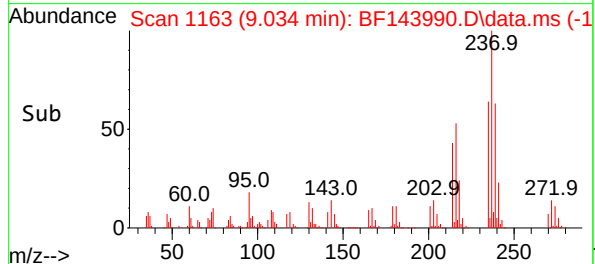
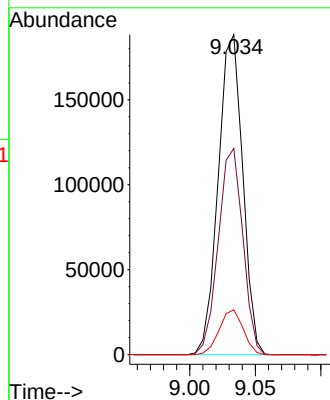
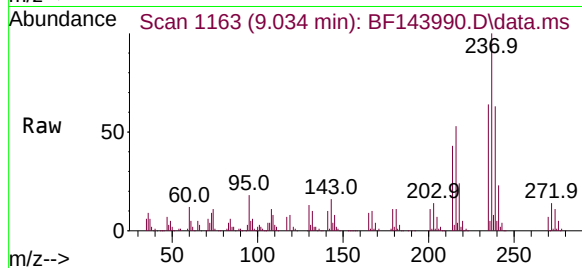
272 14.0 0.0 33.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#42

2,4,6-Tribromophenol

Concen: 169.475 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

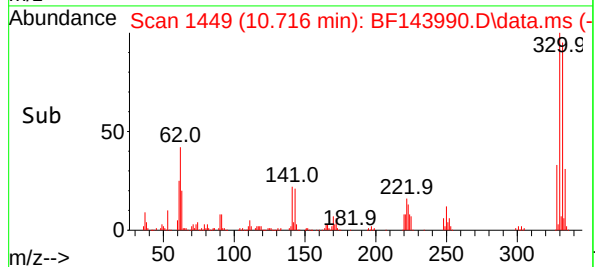
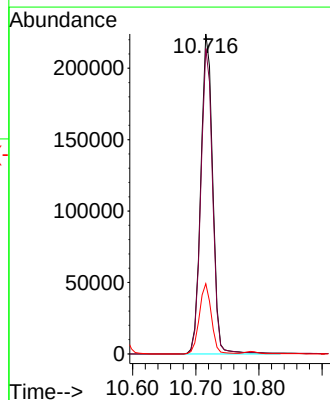
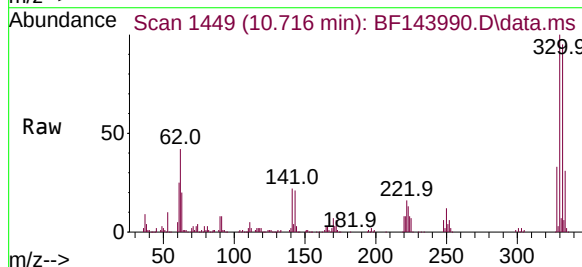
Tgt Ion:330 Resp: 293535

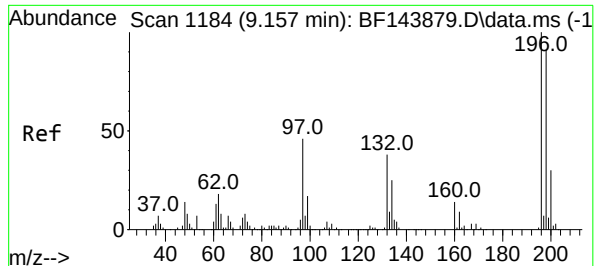
Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

141 22.2 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 56.895 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:196 Resp: 199798

Ion Ratio Lower Upper

196 100

198 92.6 72.8 109.2

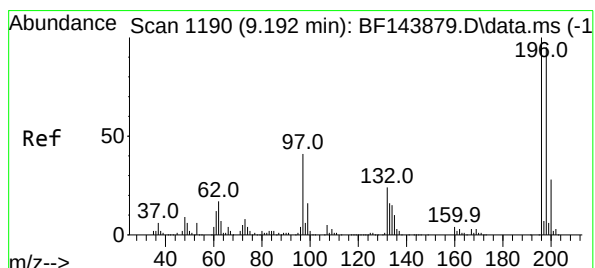
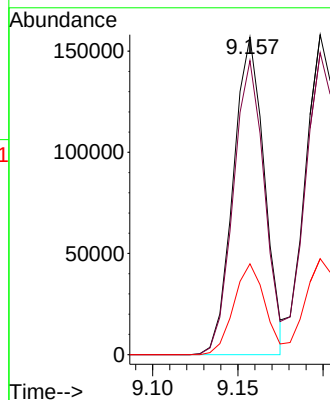
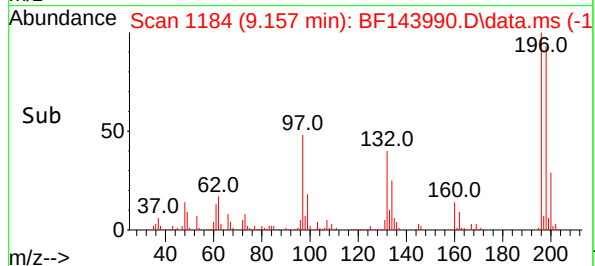
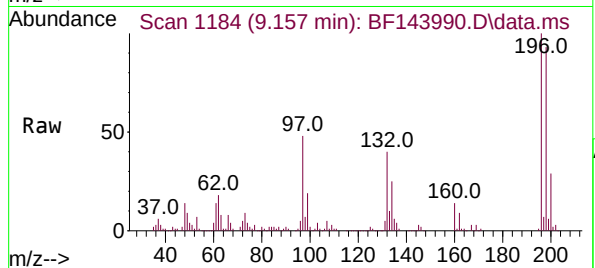
200 28.6 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#44

2,4,5-Trichlorophenol

Concen: 58.407 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Tgt Ion:196 Resp: 216751

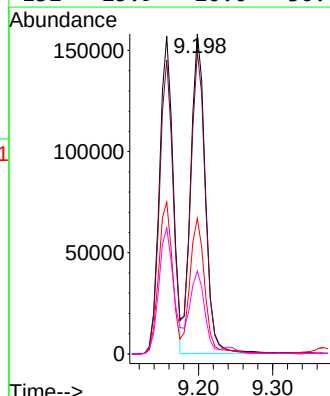
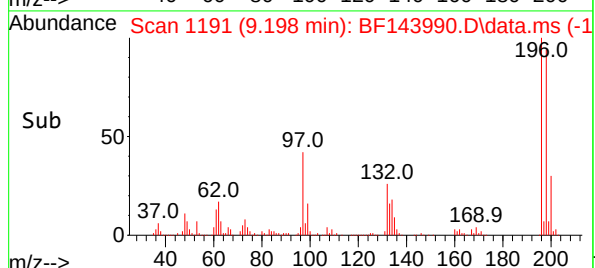
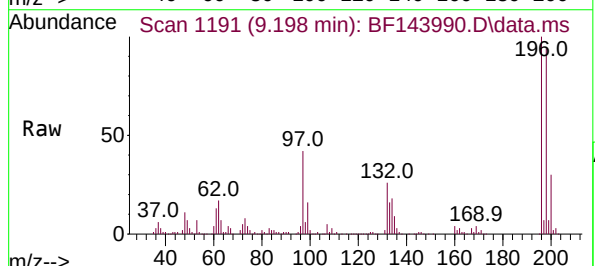
Ion Ratio Lower Upper

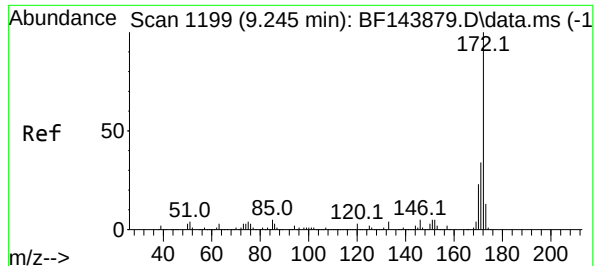
196 100

198 94.3 75.5 113.3

97 42.3 33.9 50.9

132 25.9 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 106.408 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:172 Resp: 116615

Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.0

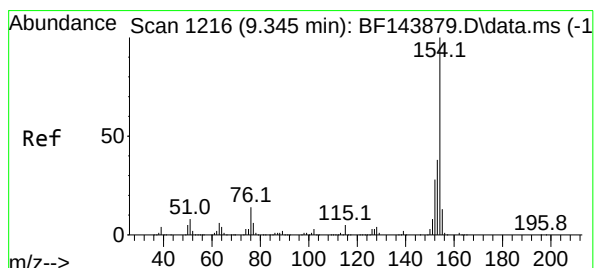
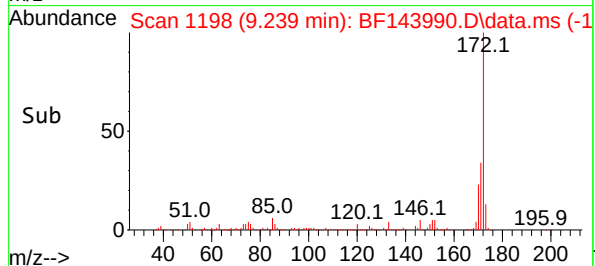
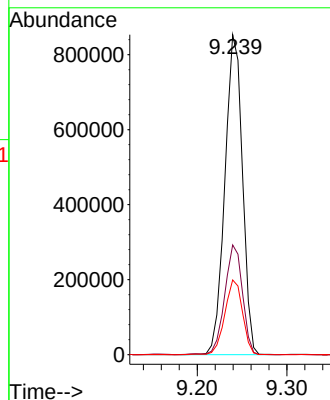
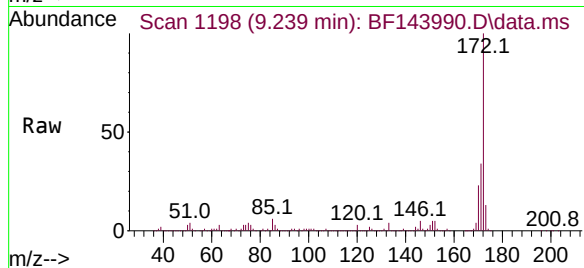
170 23.3 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#46

1,1'-Biphenyl

Concen: 61.989 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

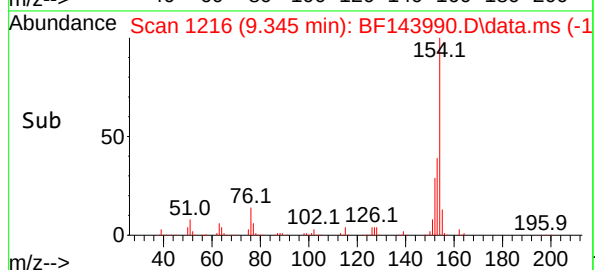
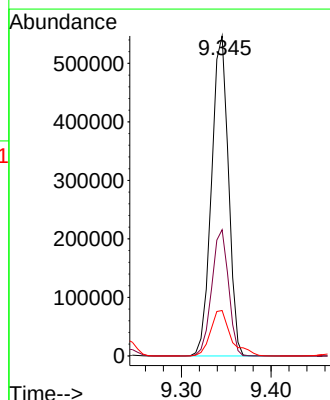
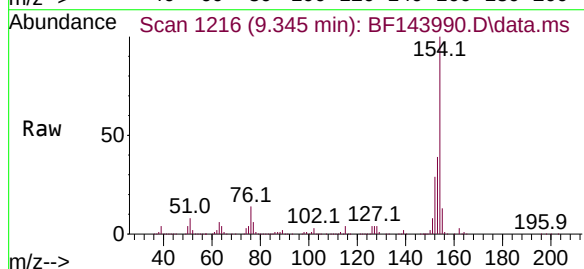
Tgt Ion:154 Resp: 713703

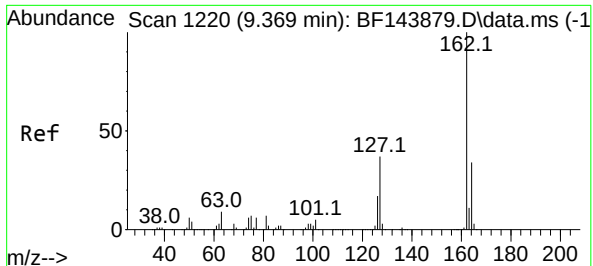
Ion Ratio Lower Upper

154 100

153 39.4 18.4 58.4

76 14.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 56.914 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:162 Resp: 546339

Ion Ratio Lower Upper

162 100

127 37.1 30.2 45.2

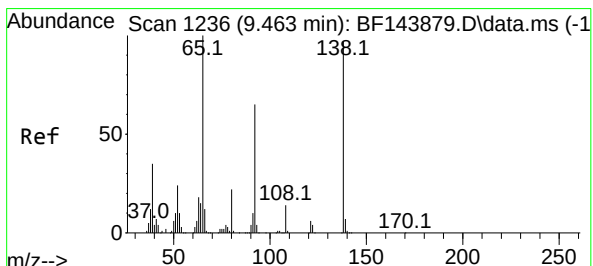
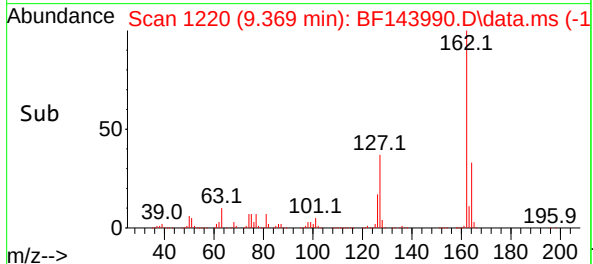
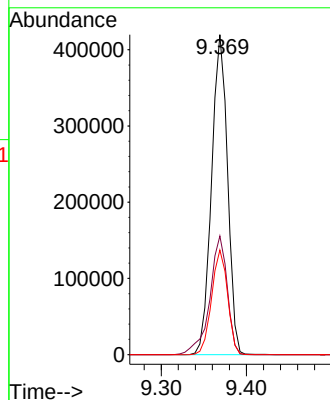
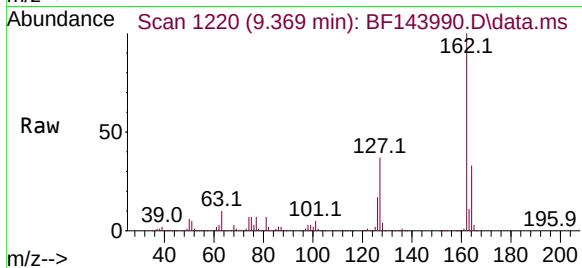
164 32.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#48

2-Nitroaniline

Concen: 63.569 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

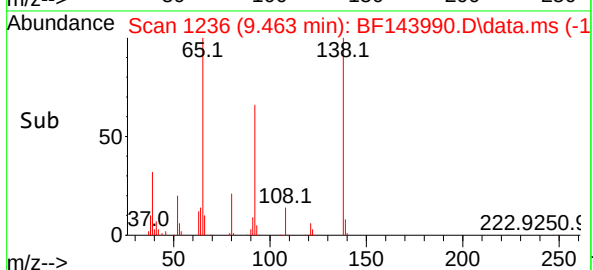
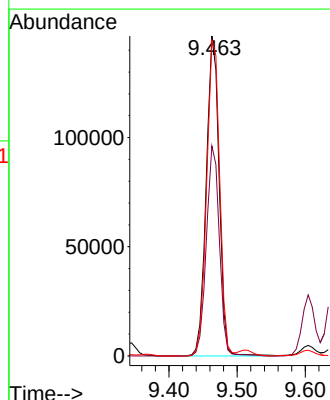
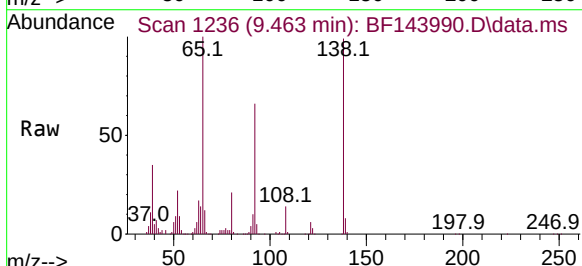
Tgt Ion: 65 Resp: 192927

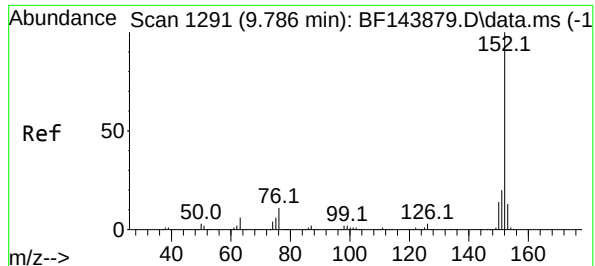
Ion Ratio Lower Upper

65 100

92 65.6 52.1 78.1

138 98.6 77.4 116.2





#49

Acenaphthylene

Concen: 64.370 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:152 Resp: 868694

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

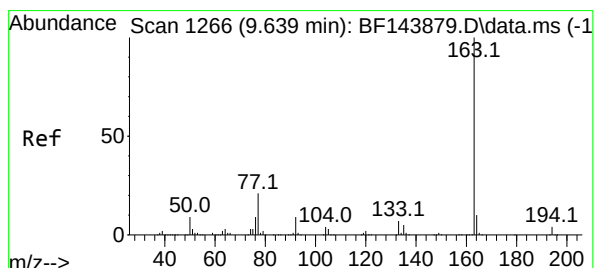
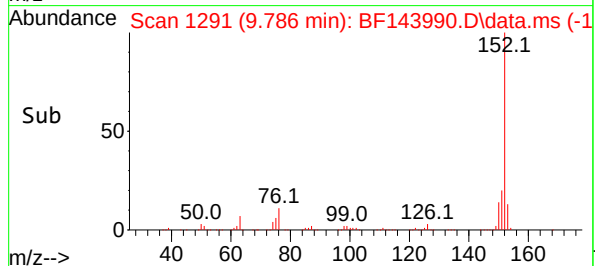
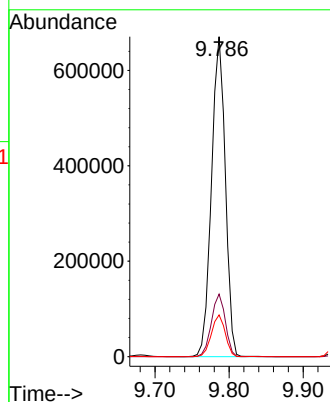
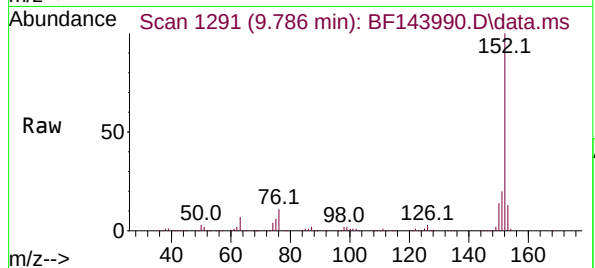
153 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#50

Dimethylphthalate

Concen: 57.814 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

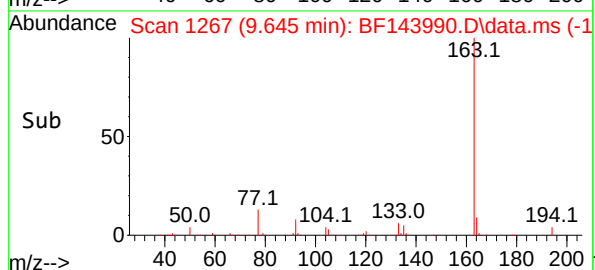
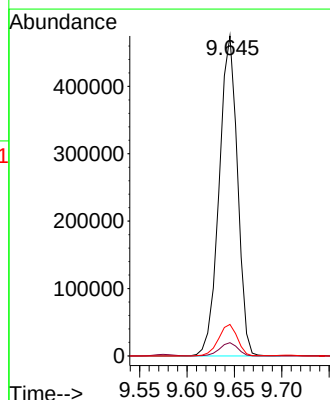
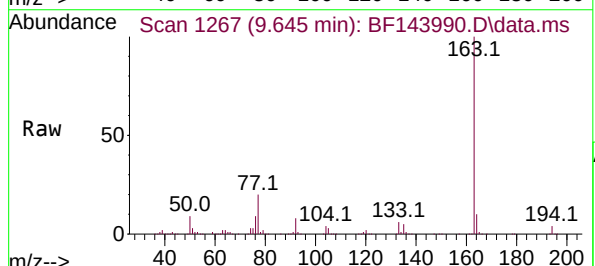
Tgt Ion:163 Resp: 638446

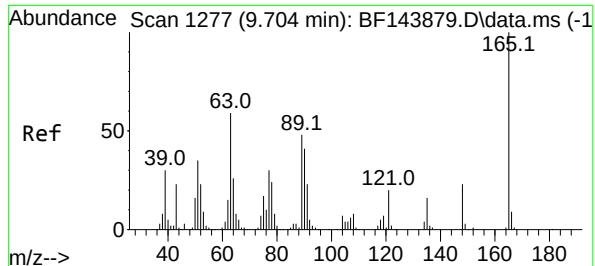
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

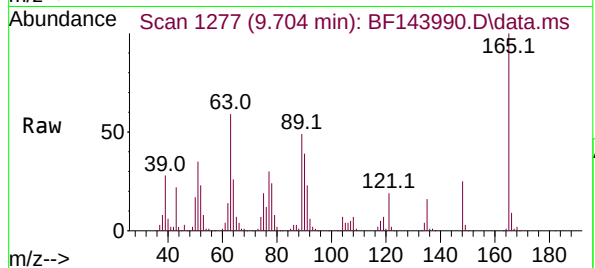
164 9.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 66.565 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

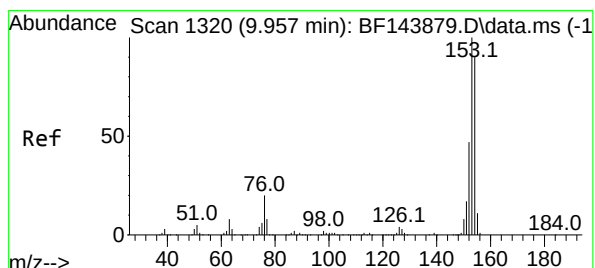
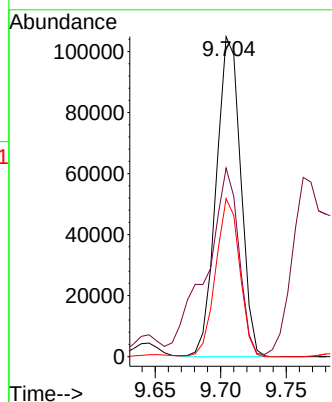
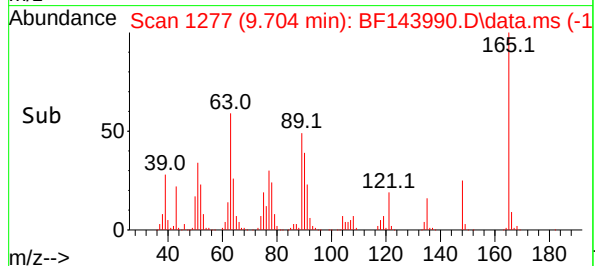
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:165 Resp: 136306
Ion Ratio Lower Upper
165 100
63 58.9 47.3 70.9
89 49.4 38.2 57.4

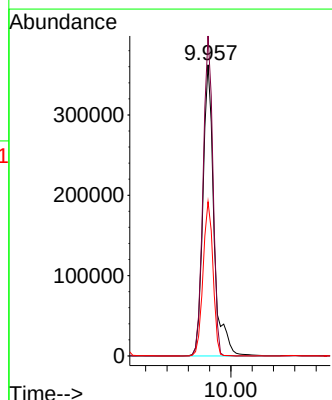
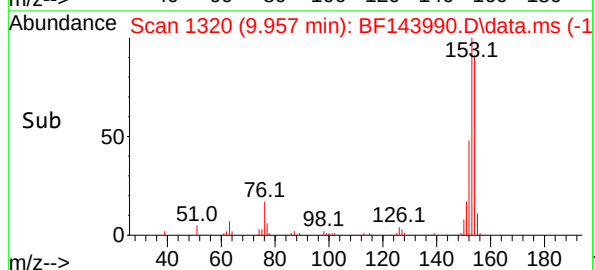
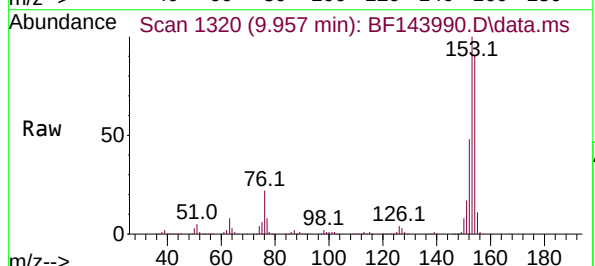
Manual Integrations
APPROVED

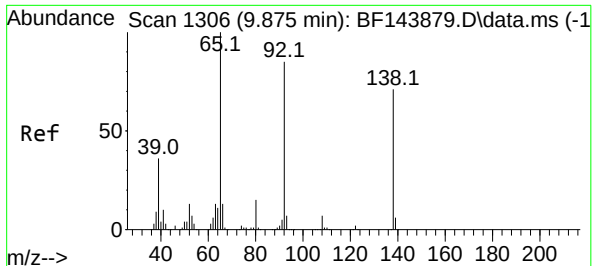
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#52
Acenaphthene
Concen: 58.817 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:154 Resp: 520119
Ion Ratio Lower Upper
154 100
153 109.9 89.3 133.9
152 52.9 42.2 63.2





#53

3-Nitroaniline

Concen: 17.509 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:138 Resp: 43901

Ion Ratio Lower Upper

138 100

108 10.2 8.3 12.5

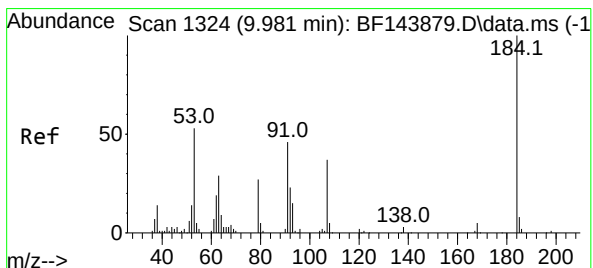
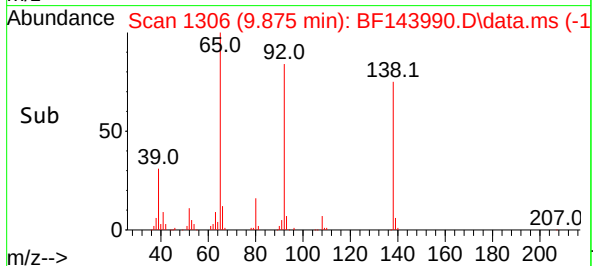
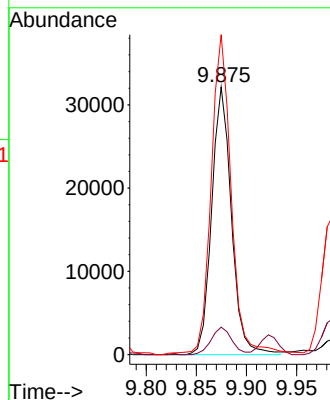
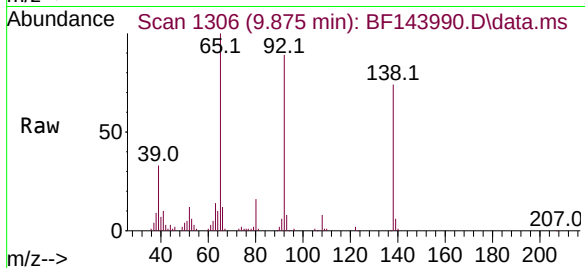
92 119.6 96.2 144.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#54

2,4-Dinitrophenol

Concen: 84.377 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

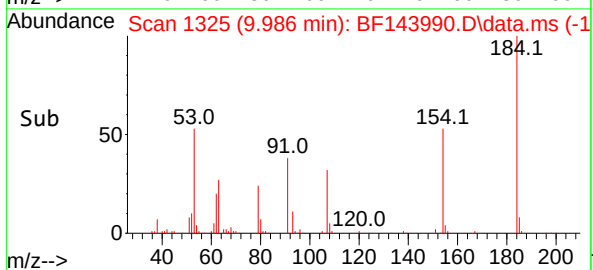
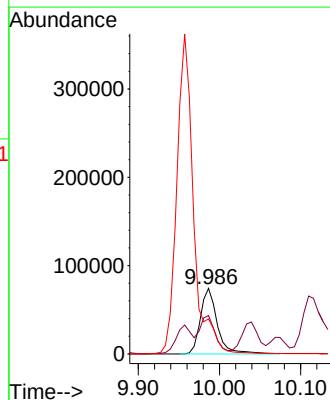
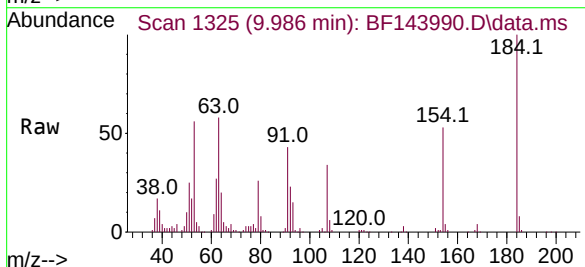
Tgt Ion:184 Resp: 107102

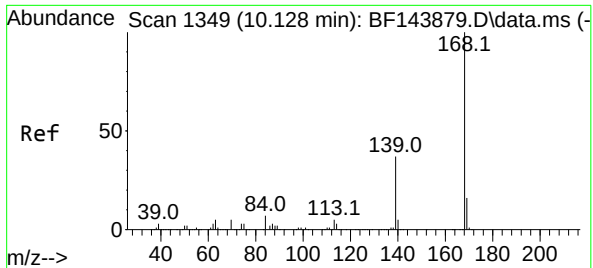
Ion Ratio Lower Upper

184 100

63 58.4 48.2 72.4

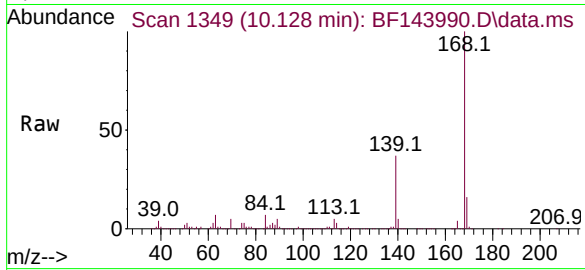
154 53.3 49.2 73.8





#55
Dibenzenofuran
Concen: 56.566 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

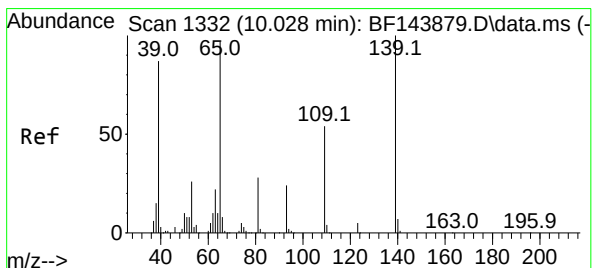
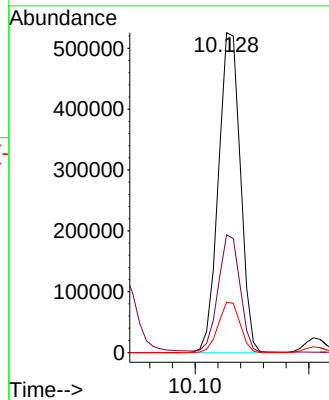
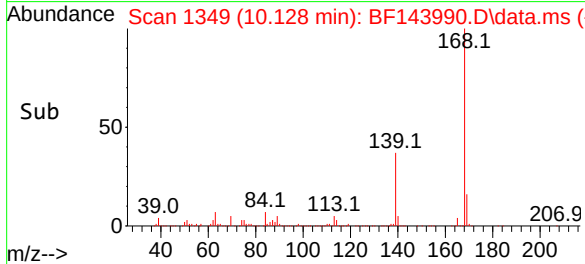
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:168 Resp: 706104
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.8
169 15.8 12.8 19.2

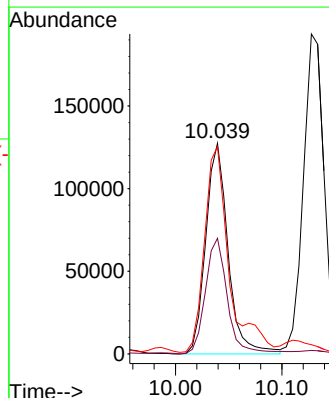
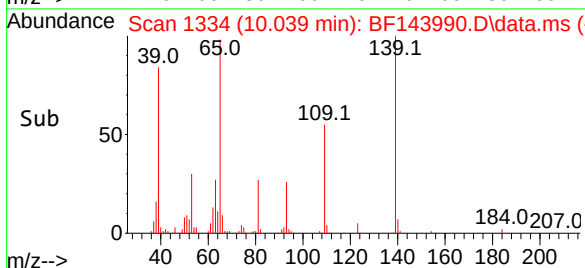
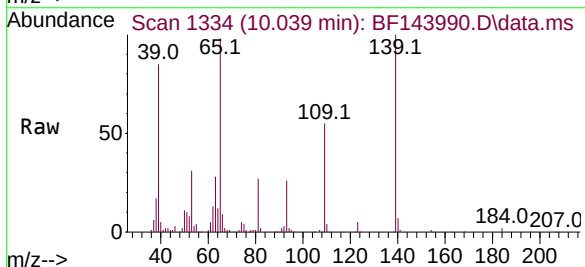
Manual Integrations
APPROVED

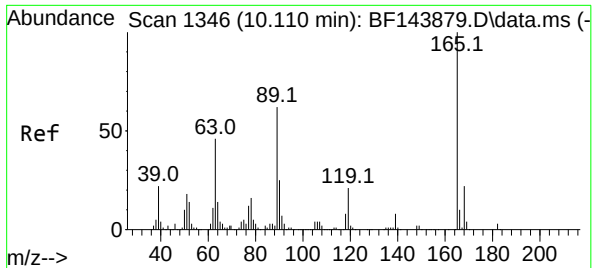
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#56
4-Nitrophenol
Concen: 97.630 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

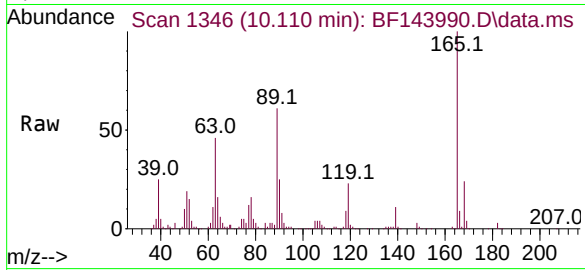
Tgt Ion:139 Resp: 185347
Ion Ratio Lower Upper
139 100
109 54.9 34.5 74.5
65 98.4 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 66.735 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

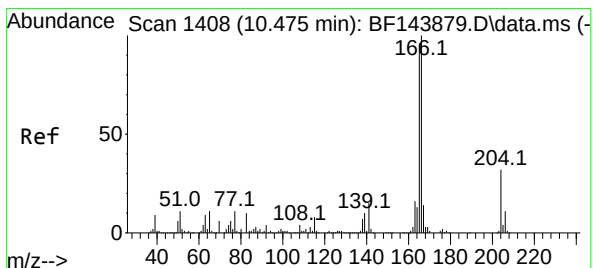
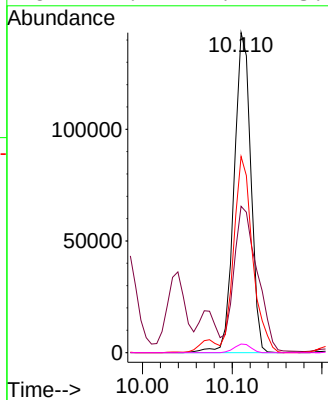
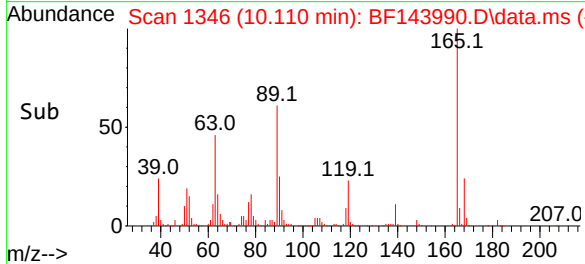
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:165 Resp: 185935
Ion Ratio Lower Upper
165 100
63 45.7 37.2 55.8
89 61.3 49.4 74.2
182 2.7 2.1 3.1

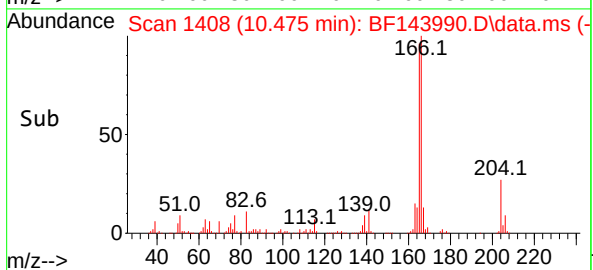
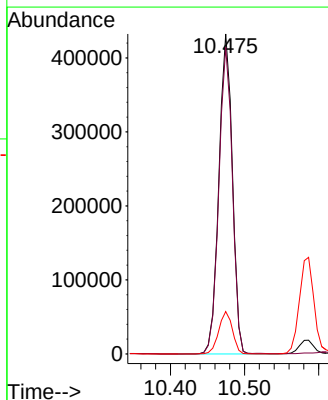
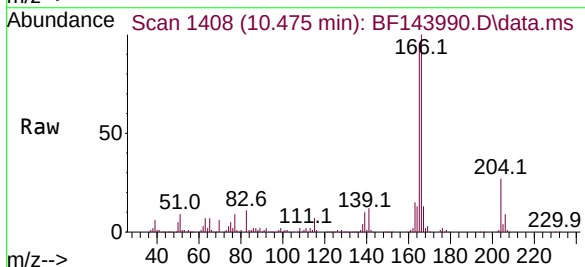
Manual Integrations
APPROVED

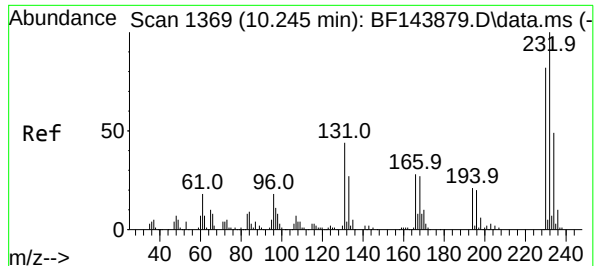
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#58
Fluorene
Concen: 58.028 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

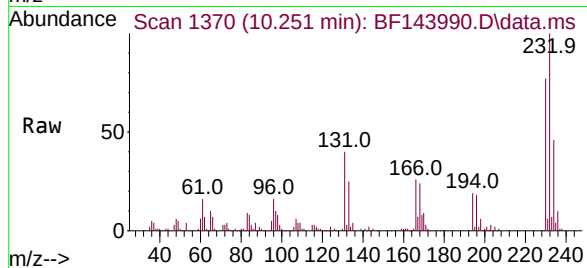
Tgt Ion:166 Resp: 546575
Ion Ratio Lower Upper
166 100
165 95.8 77.0 115.6
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 61.494 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

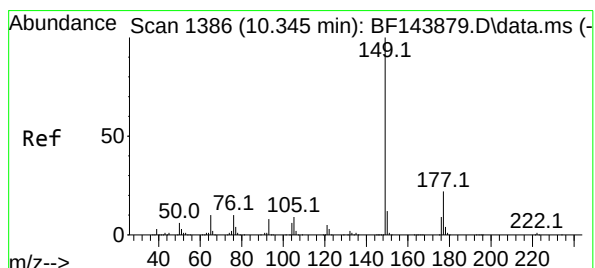
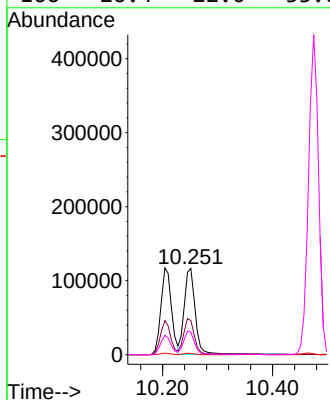
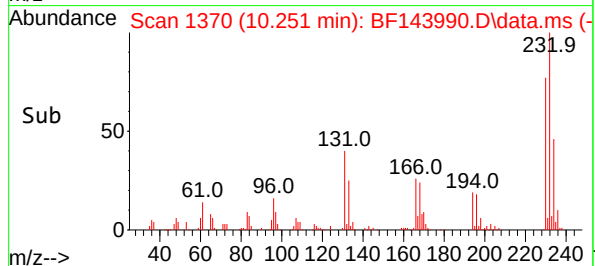
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



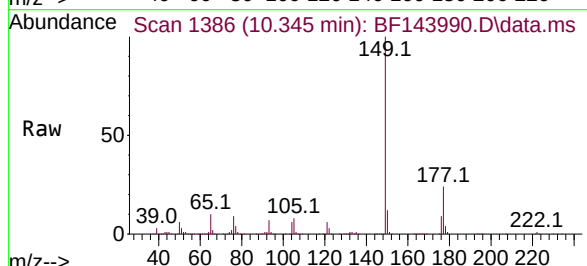
Tgt Ion:232 Resp: 161544
Ion Ratio Lower Upper
232 100
131 41.0 34.9 52.3
130 1.5 1.6 2.4
166 26.4 22.0 33.0

Manual Integrations
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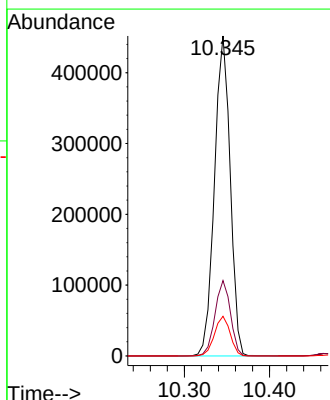
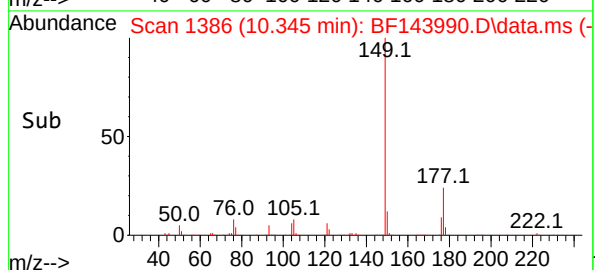
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

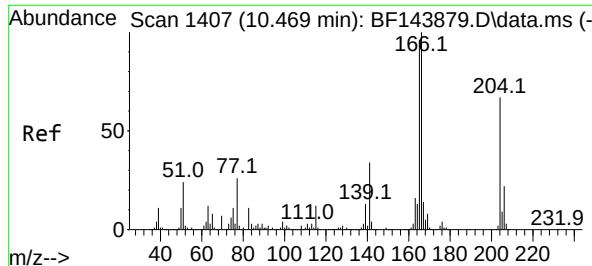


#60
Diethylphthalate
Concen: 56.441 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45



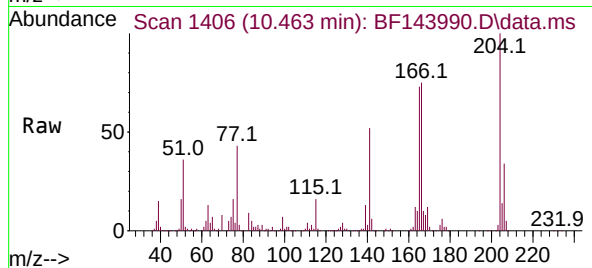
Tgt Ion:149 Resp: 579033
Ion Ratio Lower Upper
149 100
177 23.5 17.9 26.9
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 56.073 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

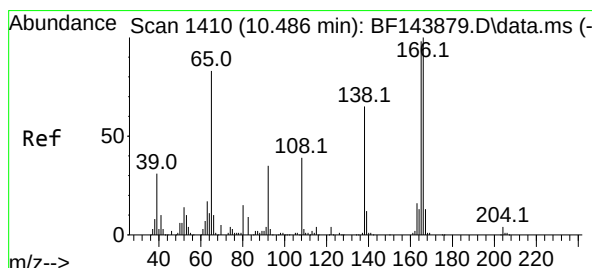
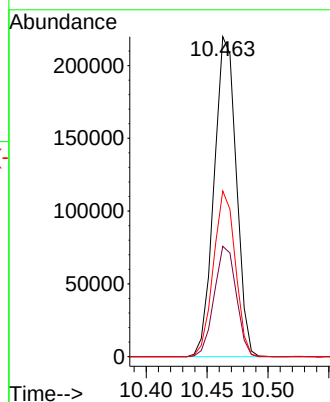
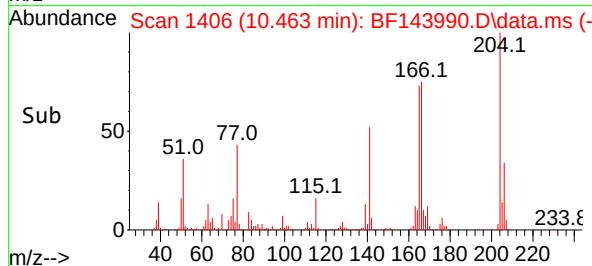
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



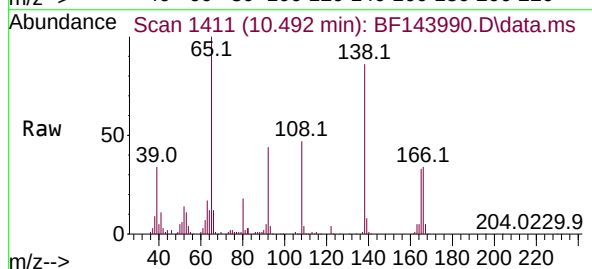
Tgt Ion:204 Resp: 279237
Ion Ratio Lower Upper
204 100
206 34.5 26.6 40.0
141 51.8 40.4 60.6

Manual Integrations
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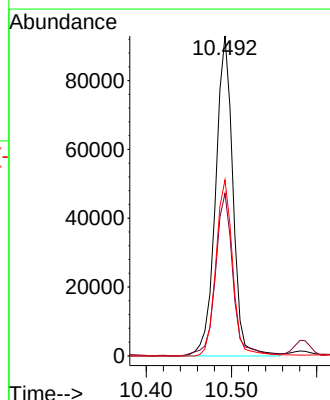
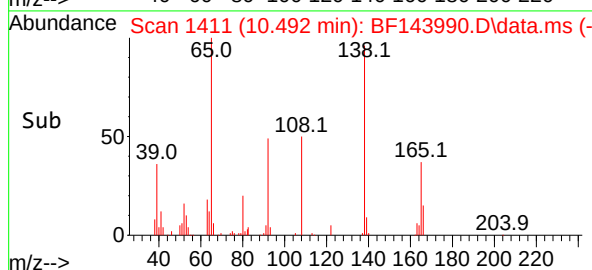
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

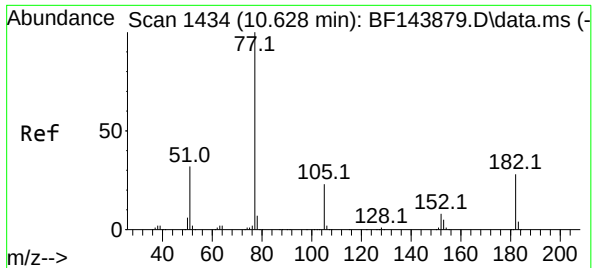


#62
4-Nitroaniline
Concen: 54.516 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45



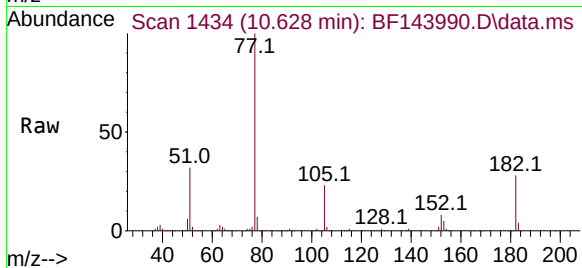
Tgt Ion:138 Resp: 131445
Ion Ratio Lower Upper
138 100
92 50.8 33.9 73.9
108 55.0 40.2 80.2





#63
Azobenzene
Concen: 58.147 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

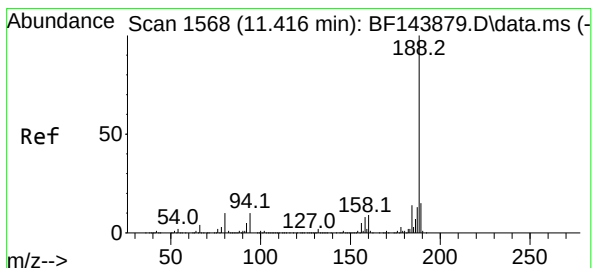
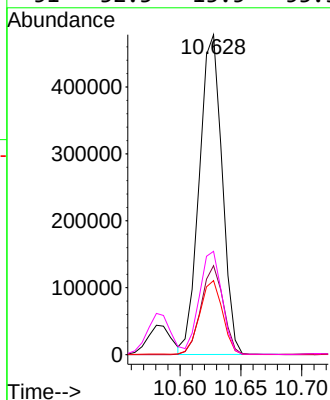
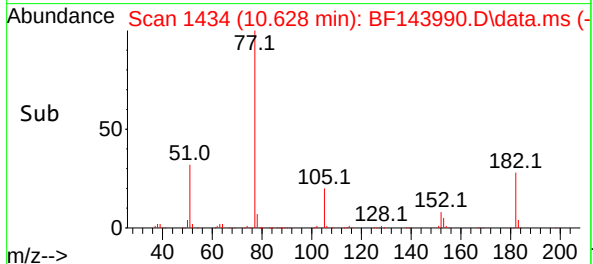
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



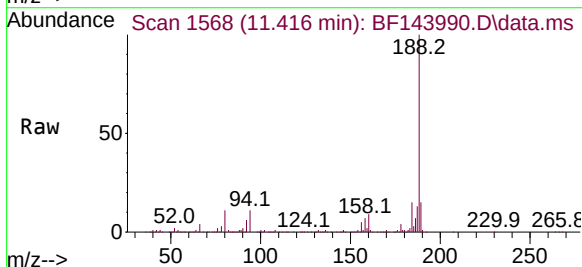
Tgt Ion: 77 Resp: 623462
Ion Ratio Lower Upper
77 100
182 27.8 7.3 47.3
105 23.1 3.0 43.0
51 32.3 13.5 53.5

Manual Integrations
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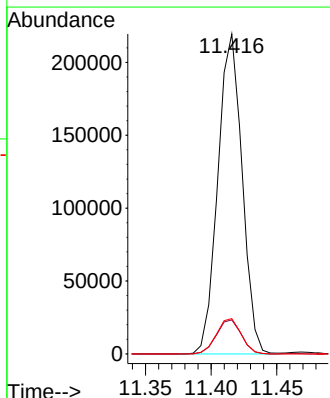
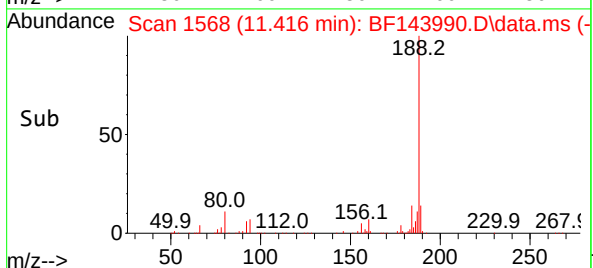
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

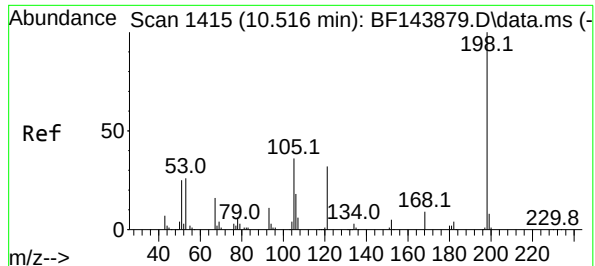


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45



Tgt Ion:188 Resp: 283241
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.0 7.9 11.9





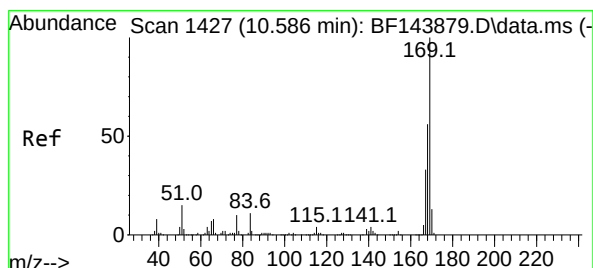
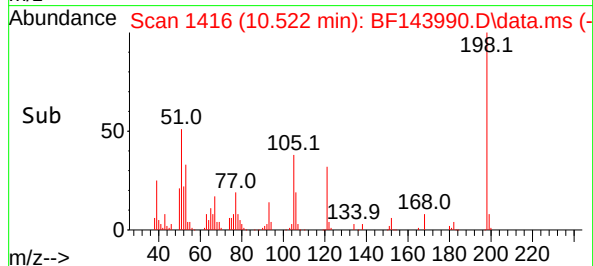
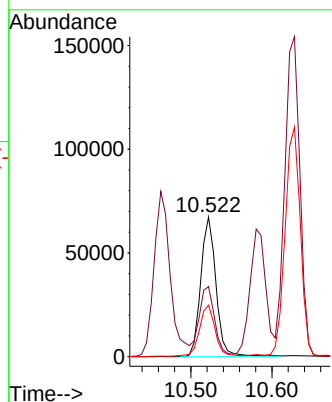
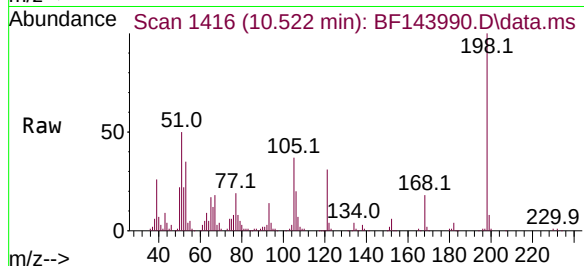
#65
4,6-Dinitro-2-methylphenol
Concen: 61.604 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:198 Resp: 87685
Ion Ratio Lower Upper
198 100
51 50.1 33.8 73.8
105 36.8 17.0 57.0

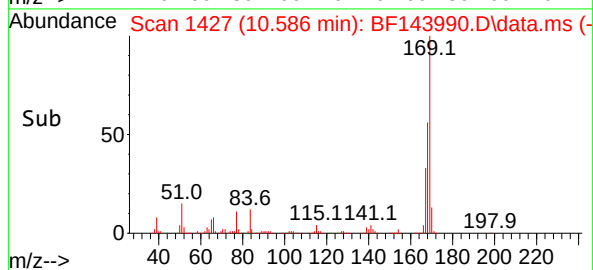
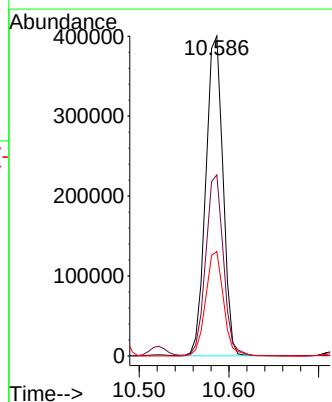
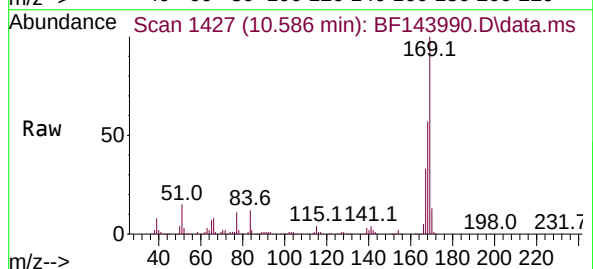
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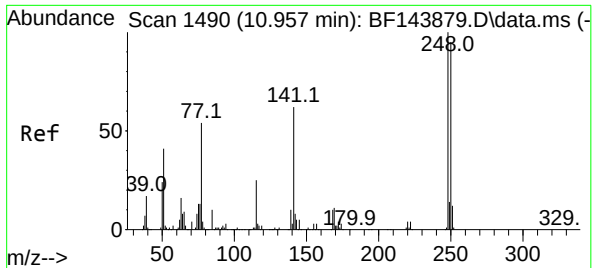
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#66
n-Nitrosodiphenylamine
Concen: 59.814 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

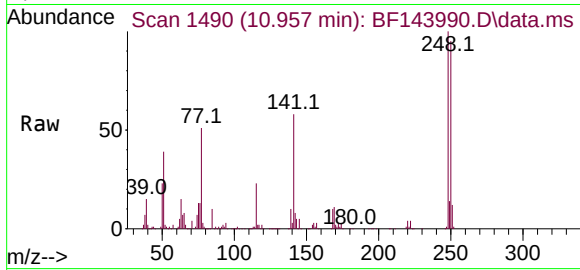
Tgt Ion:169 Resp: 531954
Ion Ratio Lower Upper
169 100
168 56.6 44.9 67.3
167 32.6 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 59.520 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

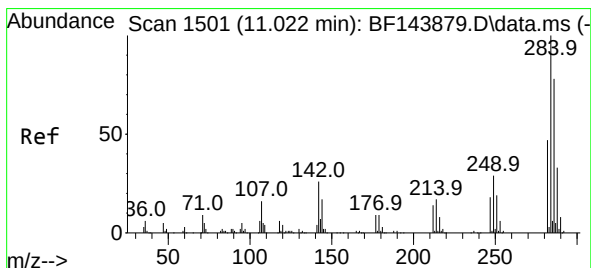
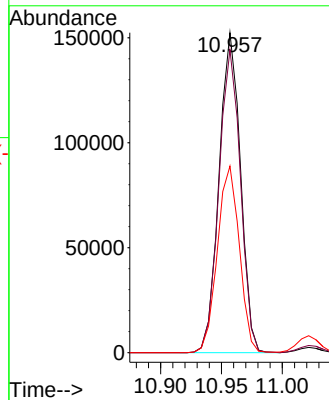
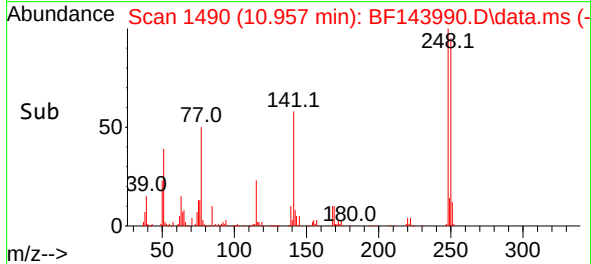
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:248 Resp: 186312
Ion Ratio Lower Upper
248 100
250 94.7 76.3 114.5
141 58.3 49.7 74.5

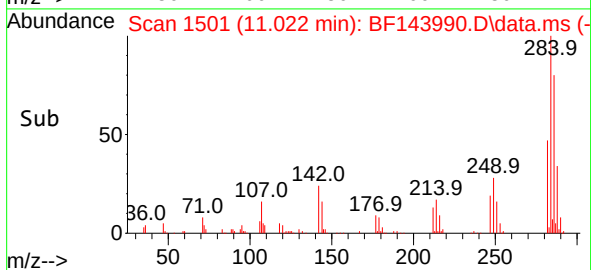
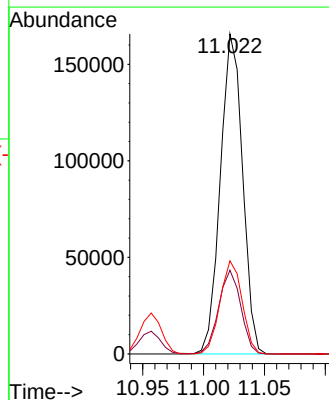
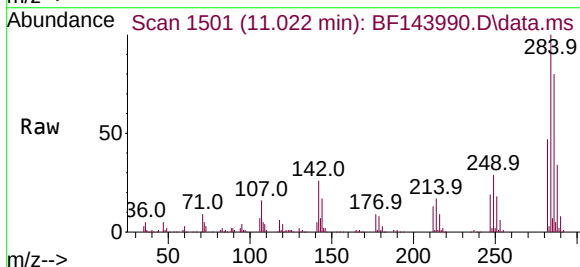
Manual Integrations
APPROVED

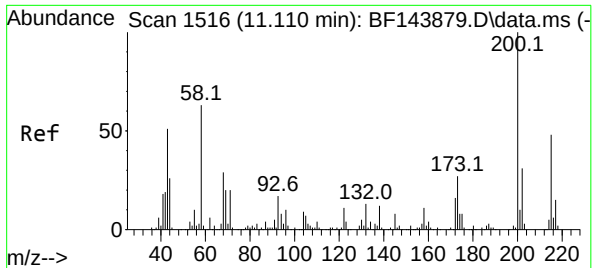
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#68
Hexachlorobenzene
Concen: 57.987 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:284 Resp: 210140
Ion Ratio Lower Upper
284 100
142 26.1 20.6 30.8
249 29.1 23.2 34.8





#69

Atrazine

Concen: 60.946 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:200 Resp: 164283

Ion Ratio Lower Upper

200 100

173 28.8 7.0 47.0

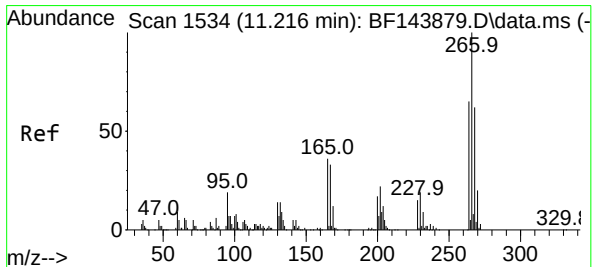
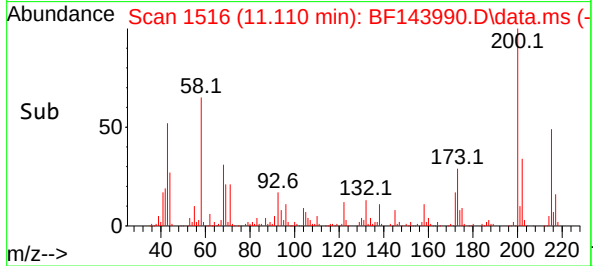
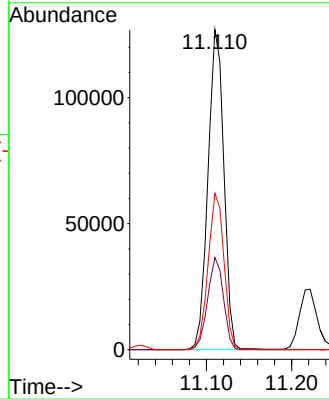
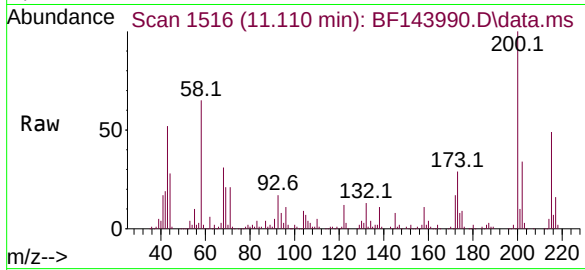
215 48.8 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#70

Pentachlorophenol

Concen: 106.004 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

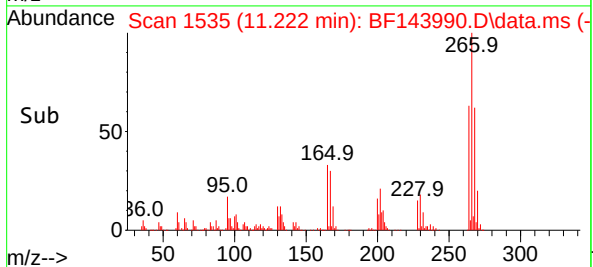
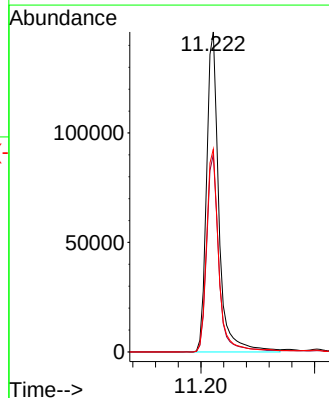
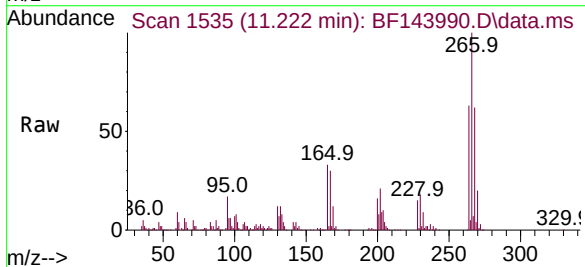
Tgt Ion:266 Resp: 220629

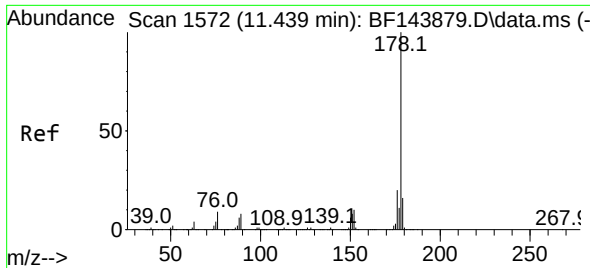
Ion Ratio Lower Upper

266 100

268 61.7 49.4 74.0

264 63.3 51.8 77.6





#71

Phenanthrene

Concen: 57.222 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:178 Resp: 785750

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

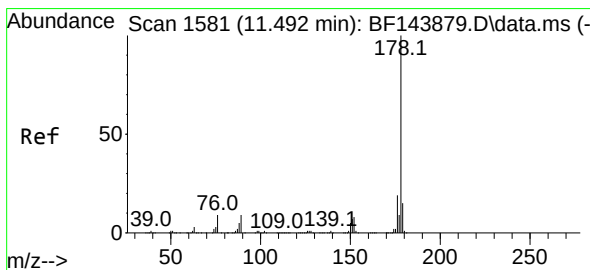
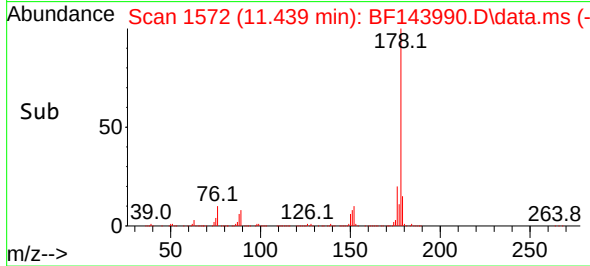
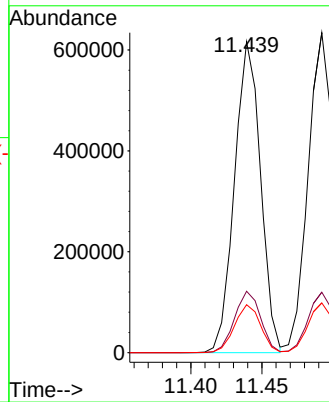
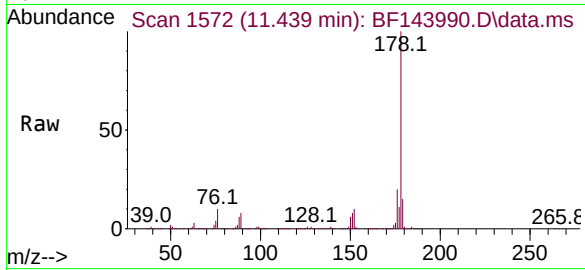
179 15.4 12.4 18.6

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#72

Anthracene

Concen: 58.213 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

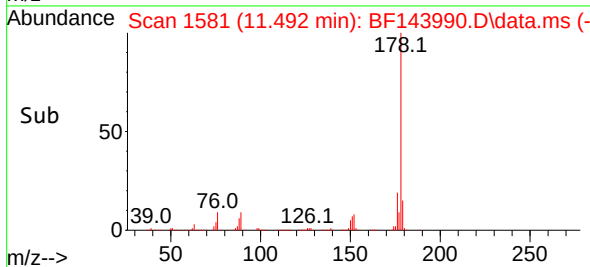
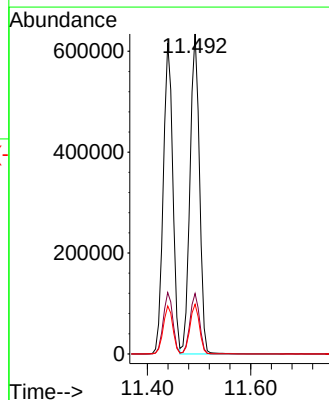
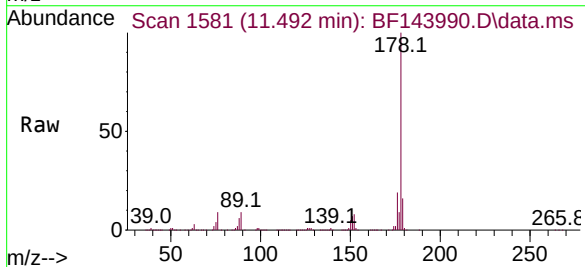
Tgt Ion:178 Resp: 807542

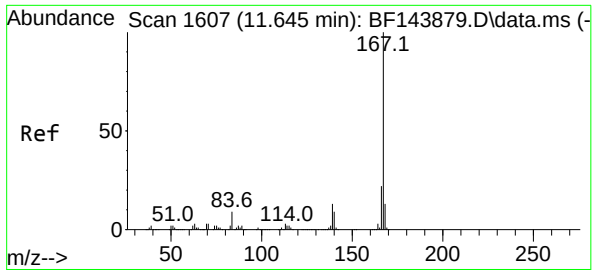
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

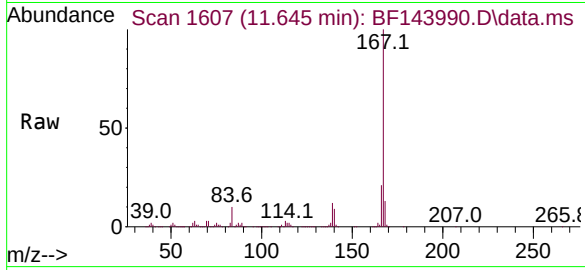
179 15.5 12.2 18.2





#73
 Carbazole
 Concen: 57.182 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143990.D
 Acq: 17 Oct 2025 17:45

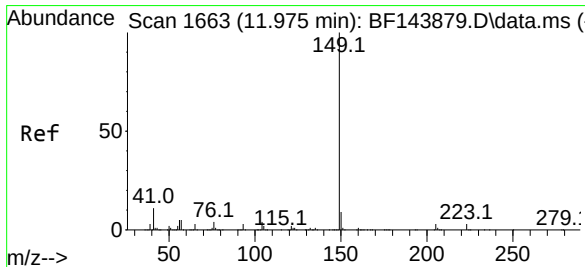
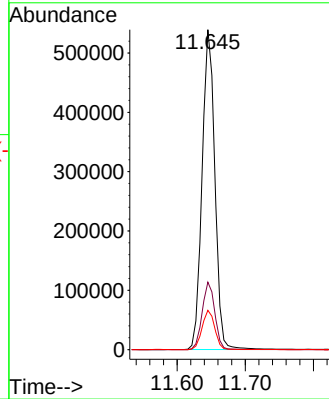
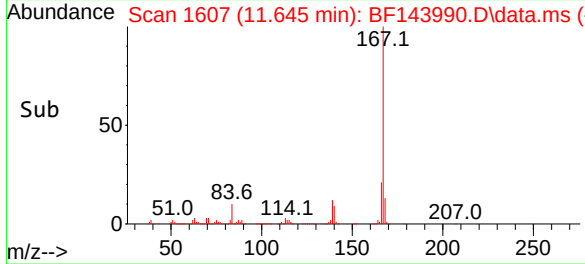
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD



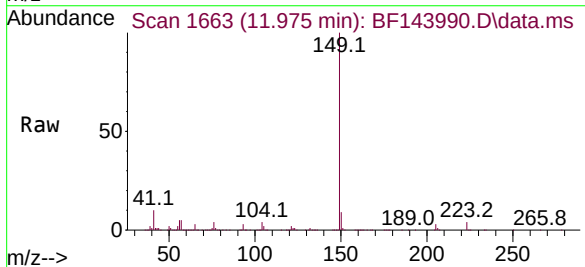
Tgt Ion:167 Resp: 702532
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.3 10.1 15.1

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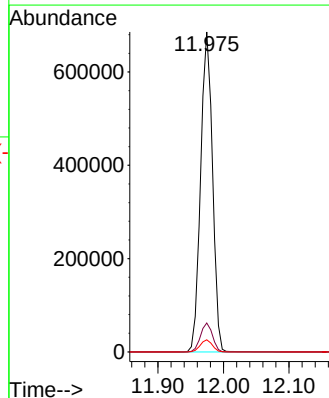
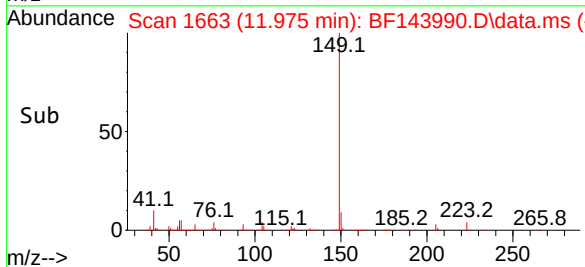
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

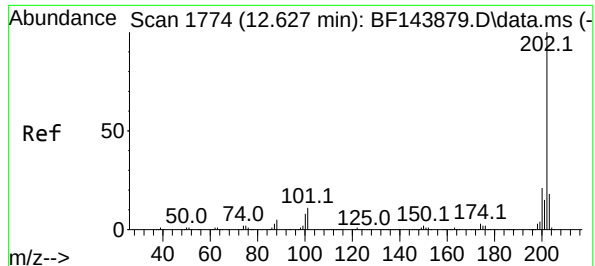


#74
 Di-n-butylphthalate
 Concen: 60.223 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143990.D
 Acq: 17 Oct 2025 17:45



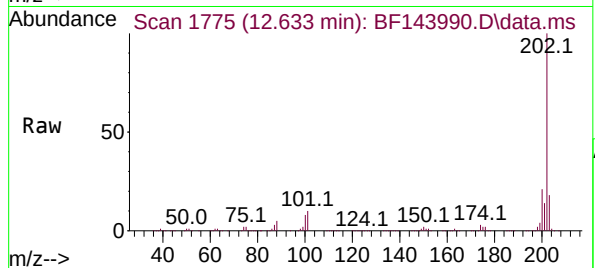
Tgt Ion:149 Resp: 857538
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 3.8 3.4 5.2





#75
Fluoranthene
Concen: 55.629 ng
RT: 12.633 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

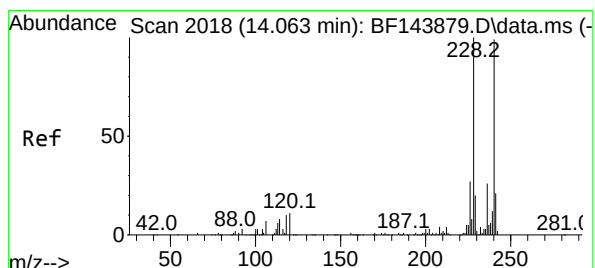
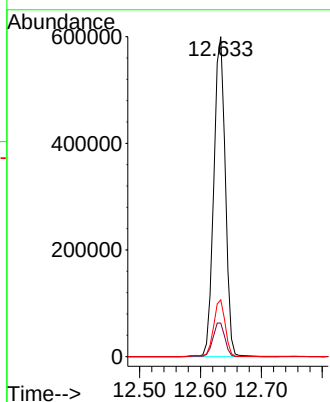
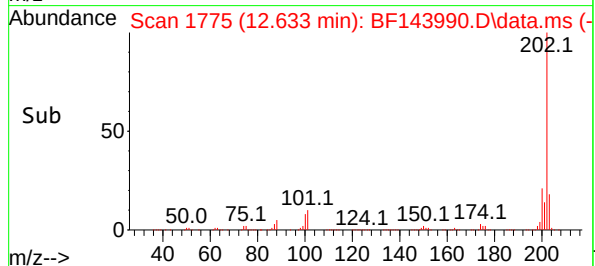
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:202 Resp: 789024
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.7 0.0 37.8

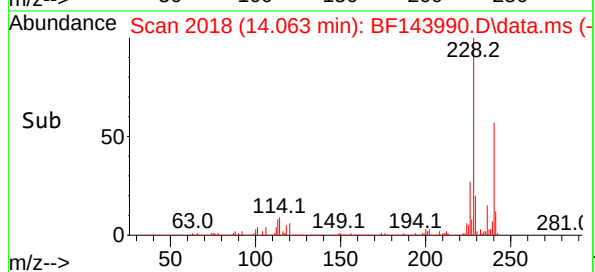
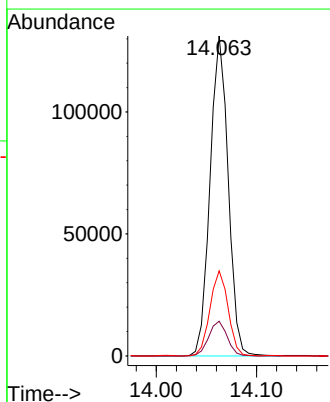
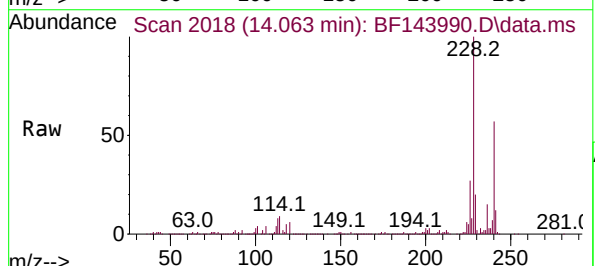
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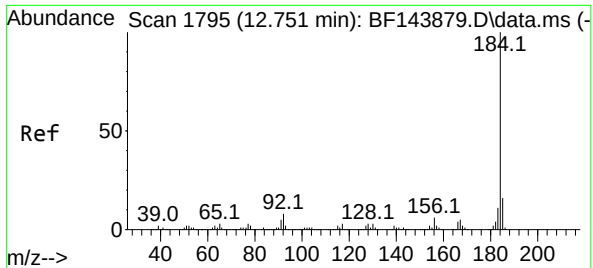
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:240 Resp: 164621
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 26.6 21.1 31.7





#77

Benzidine

Concen: 13.314 ng

RT: 12.757 min Scan# 1795

Delta R.T. -0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

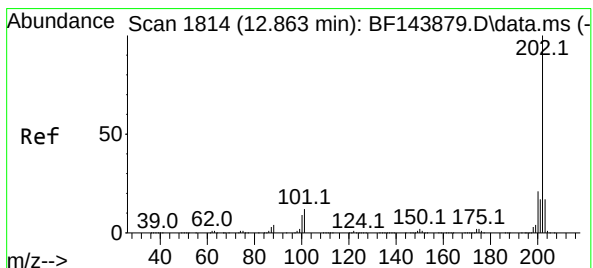
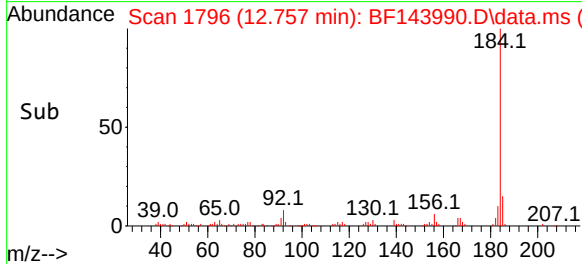
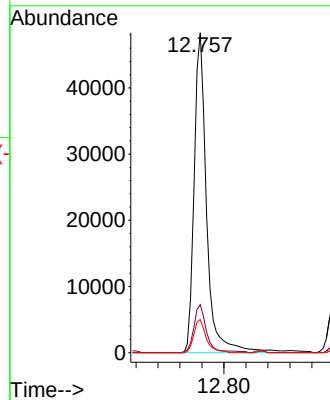
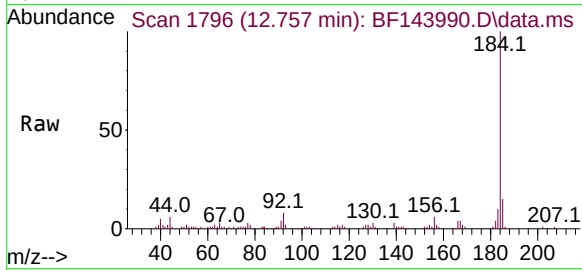
Tgt Ion:	184	Resp:	76105
Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	10.3	8.8	13.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#78

Pyrene

Concen: 58.643 ng

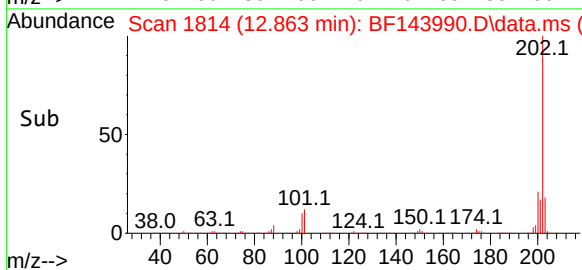
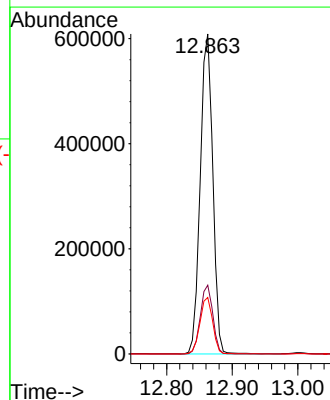
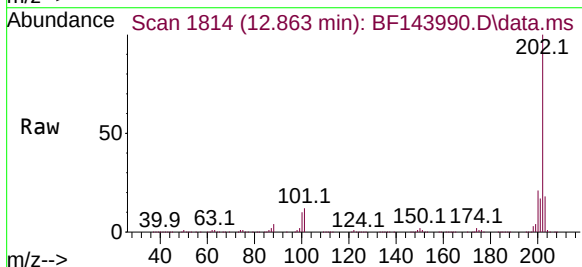
RT: 12.863 min Scan# 1814

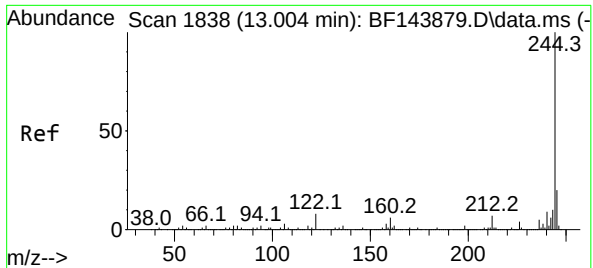
Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Tgt Ion:	202	Resp:	804832
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.6	13.8	20.6





#79

Terphenyl-d14

Concen: 109.490 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:244 Resp: 1054626

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

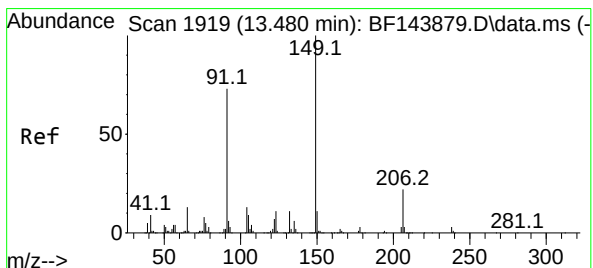
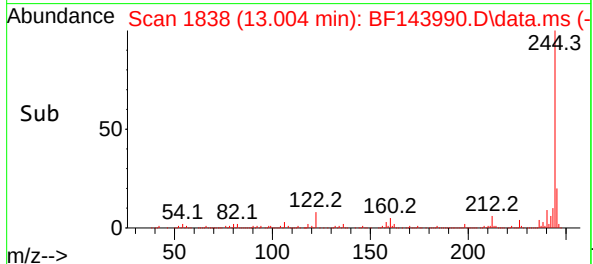
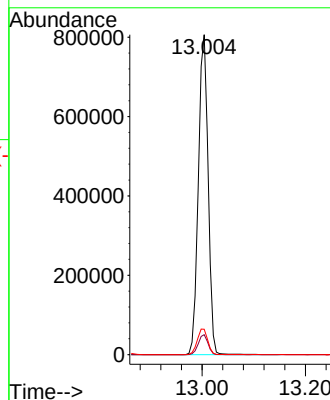
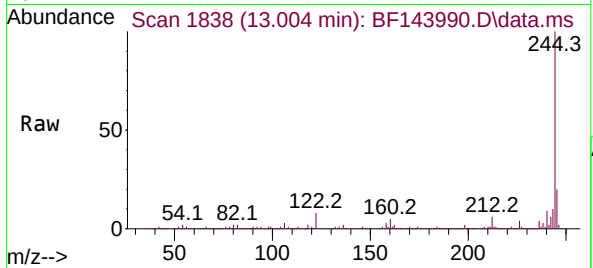
122 7.9 6.4 9.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#80

Butylbenzylphthalate

Concen: 66.856 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

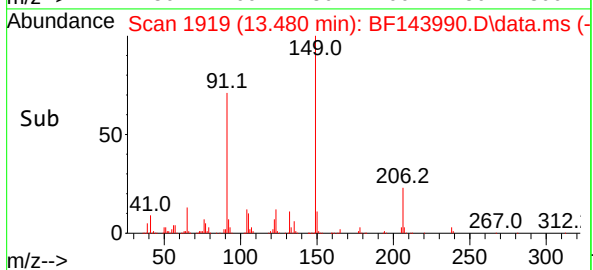
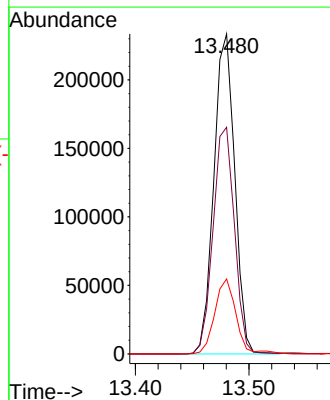
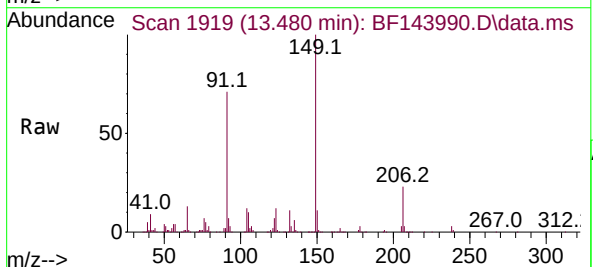
Tgt Ion:149 Resp: 297992

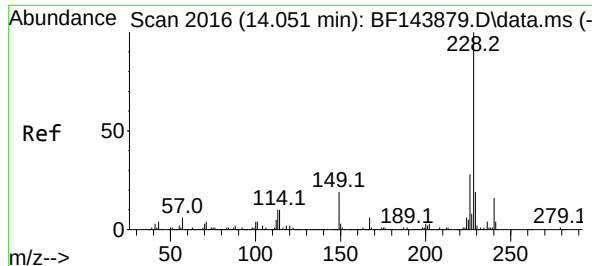
Ion Ratio Lower Upper

149 100

91 70.8 58.2 87.2

206 23.4 17.9 26.9





#81

Benzo(a)anthracene

Concen: 61.325 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:228 Resp: 660652

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.2

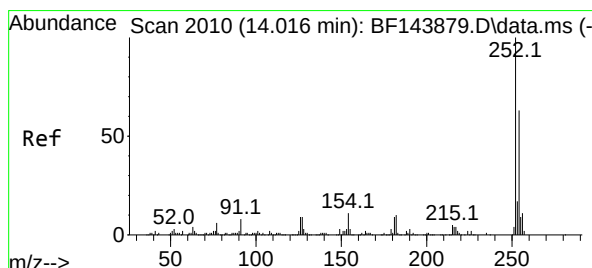
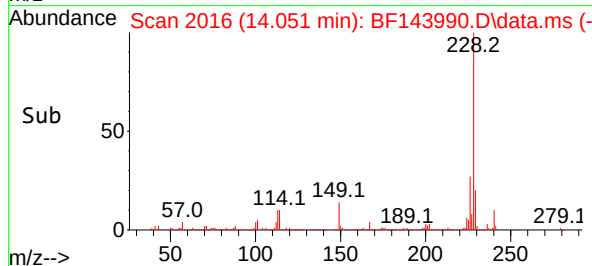
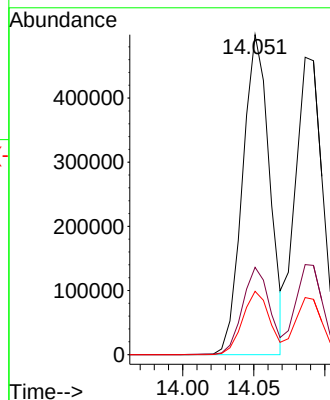
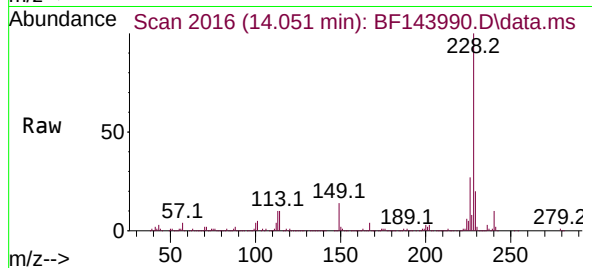
229 19.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#82

3,3'-Dichlorobenzidine

Concen: 19.598 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

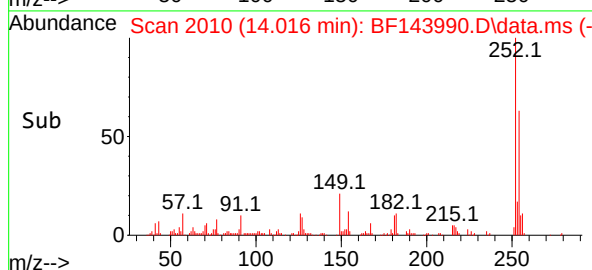
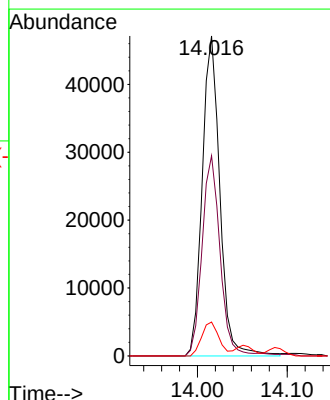
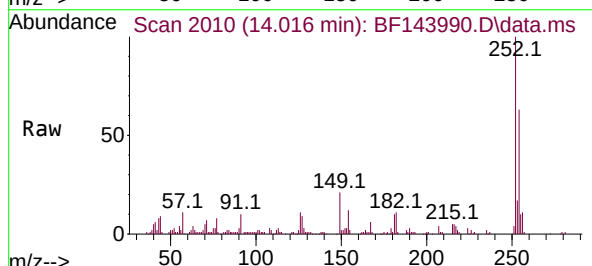
Tgt Ion:252 Resp: 64340

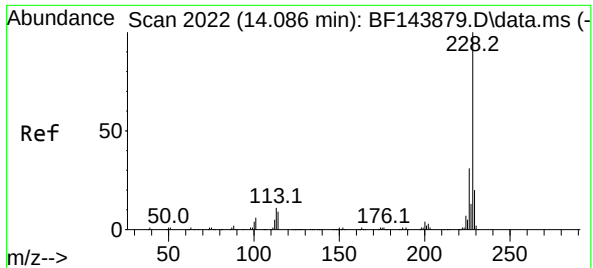
Ion Ratio Lower Upper

252 100

254 62.5 50.6 76.0

126 10.6 7.0 10.6





#83

Chrysene

Concen: 62.266 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:228 Resp: 620828

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

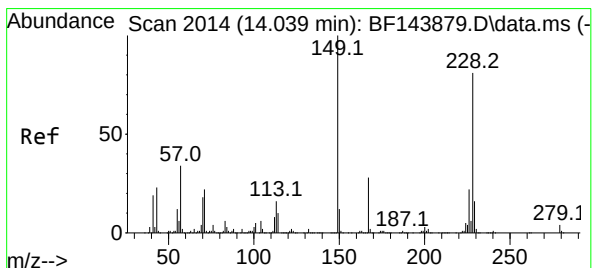
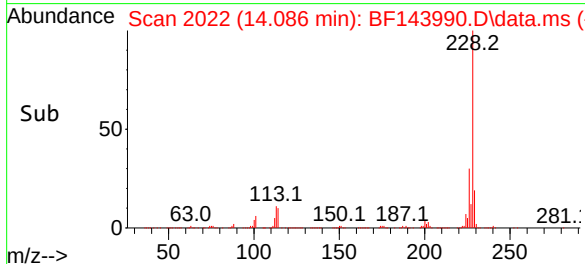
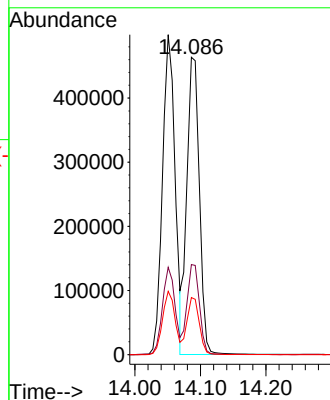
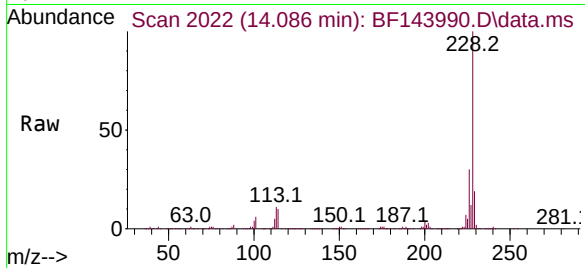
229 19.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.654 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

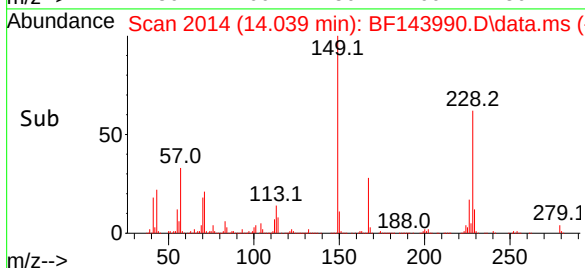
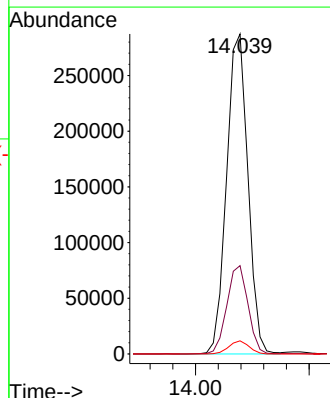
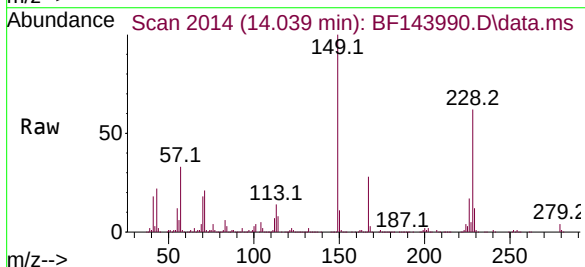
Tgt Ion:149 Resp: 374246

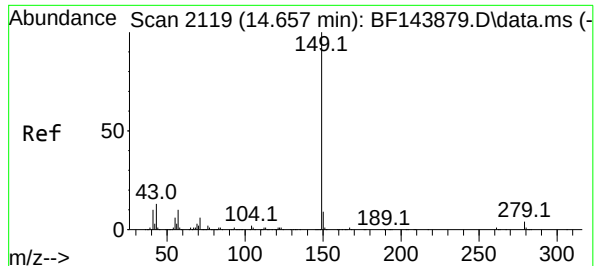
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 72.522 ng

RT: 14.651 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:149 Resp: 63998

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

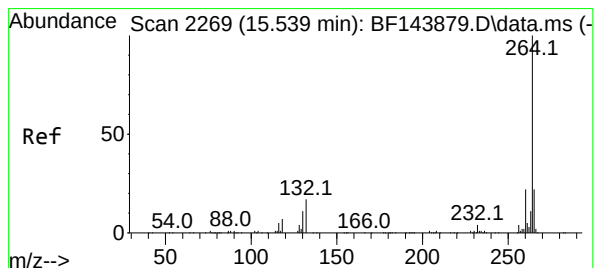
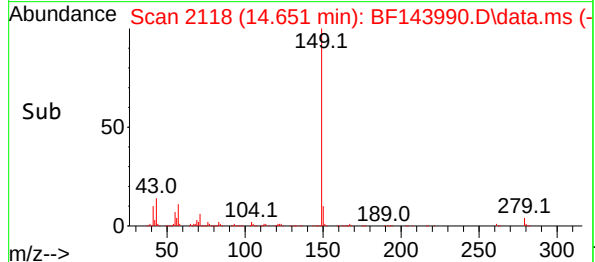
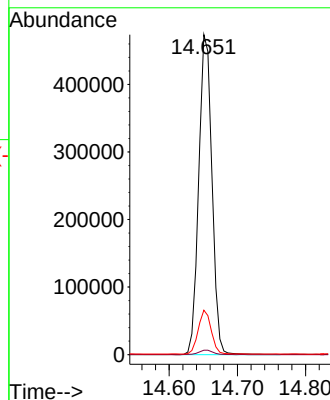
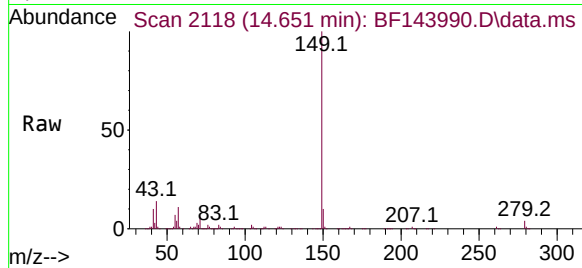
43 13.4 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

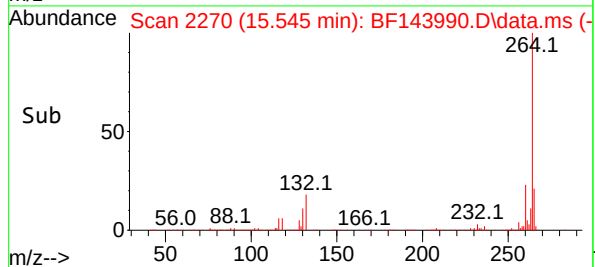
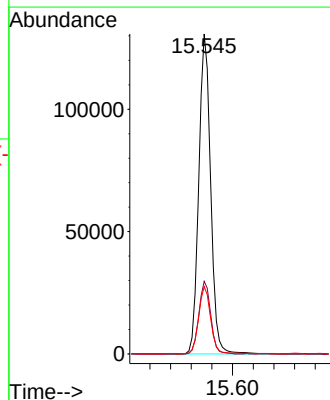
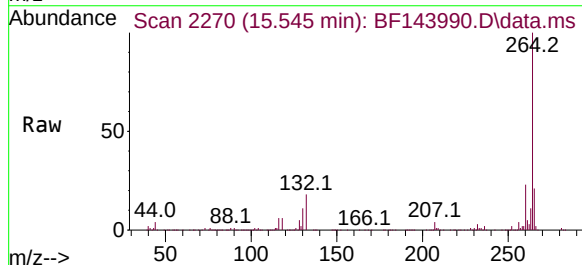
Tgt Ion:264 Resp: 207601

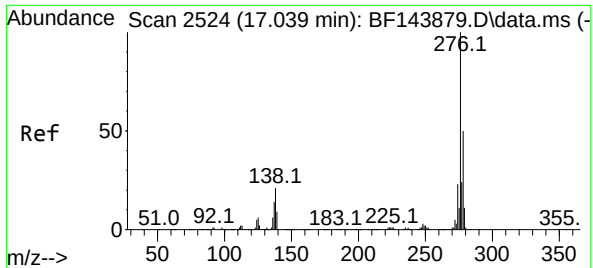
Ion Ratio Lower Upper

264 100

260 22.7 17.8 26.8

265 21.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 64.879 ng

RT: 17.057 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:276 Resp: 825305

Ion Ratio Lower Upper

276 100

138 24.5 18.2 27.2

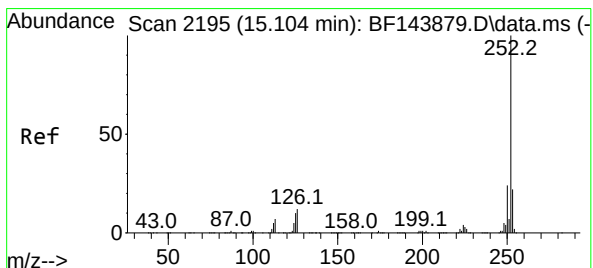
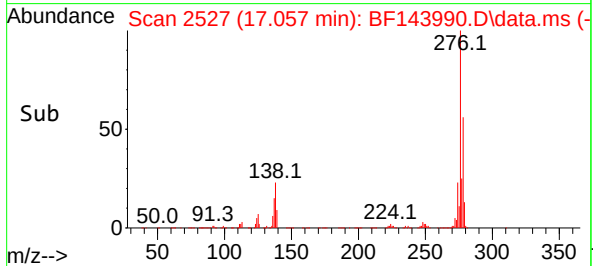
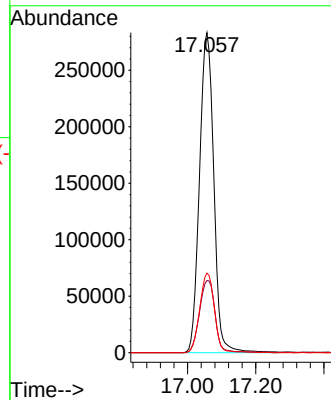
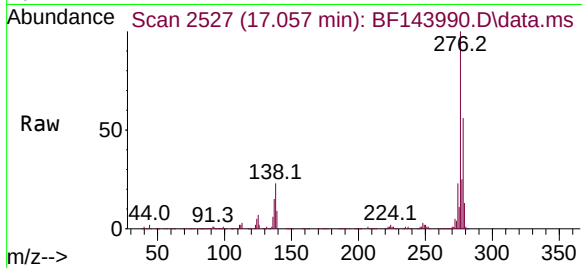
277 25.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#88

Benzo(b)fluoranthene

Concen: 59.238 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

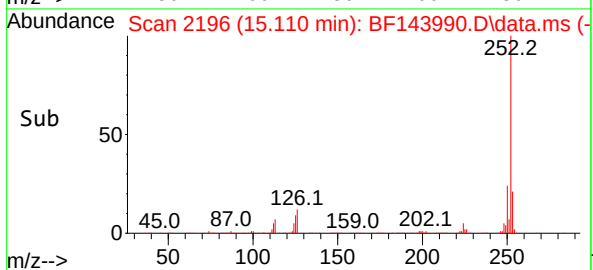
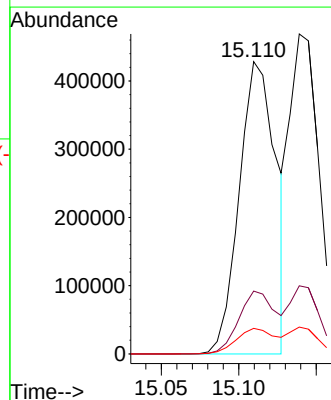
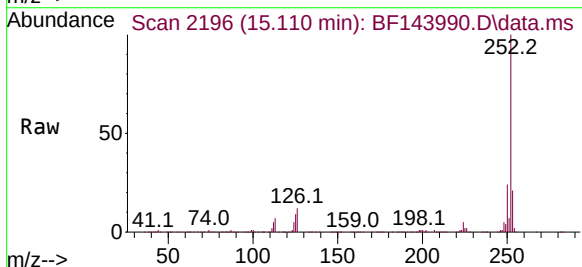
Tgt Ion:252 Resp: 706423

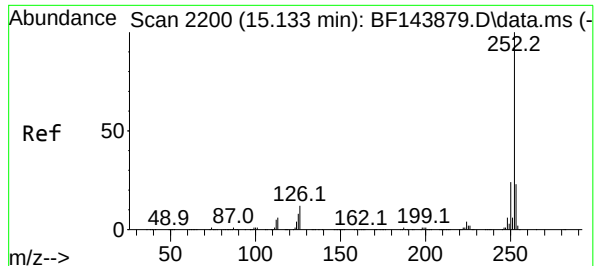
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 8.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 56.994 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:252 Resp: 62890

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

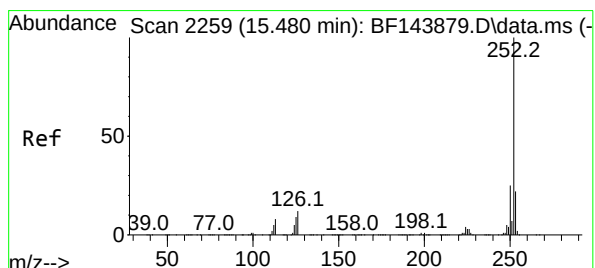
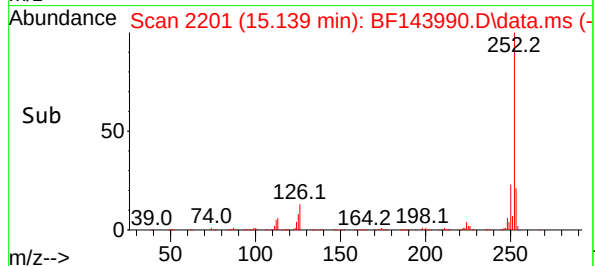
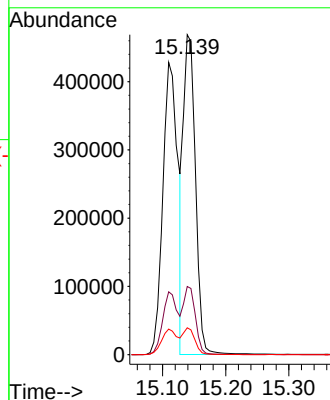
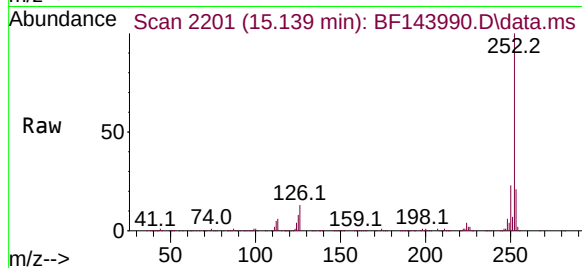
125 8.4 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#90

Benzo(a)pyrene

Concen: 62.951 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

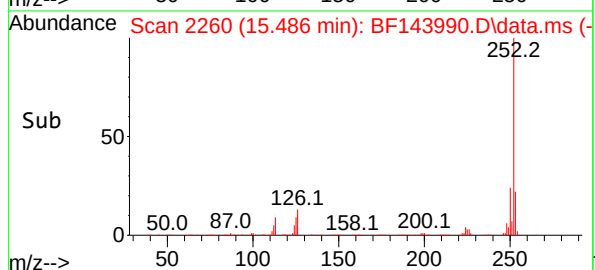
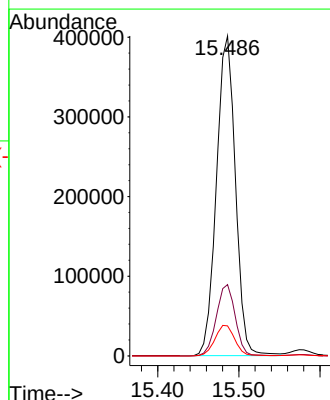
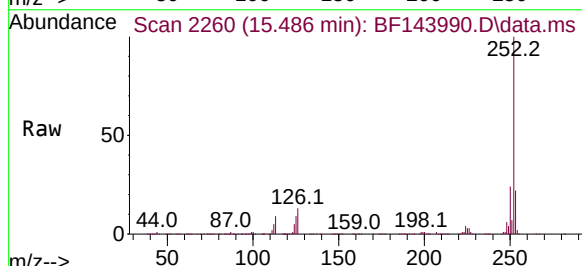
Tgt Ion:252 Resp: 650939

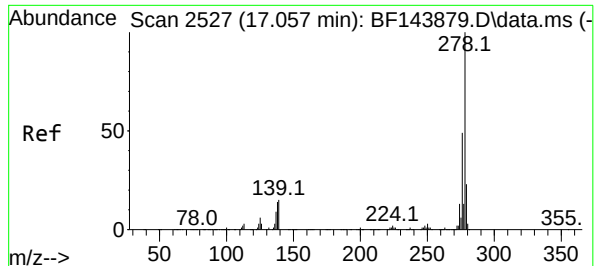
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

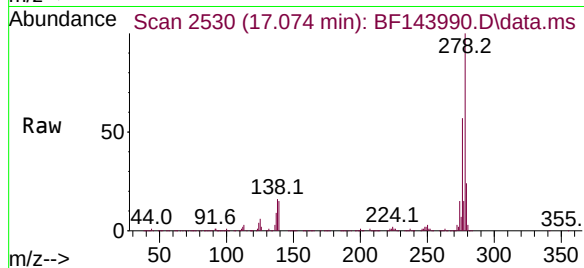
125 9.4 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 65.726 ng
RT: 17.074 min Scan# 2527
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

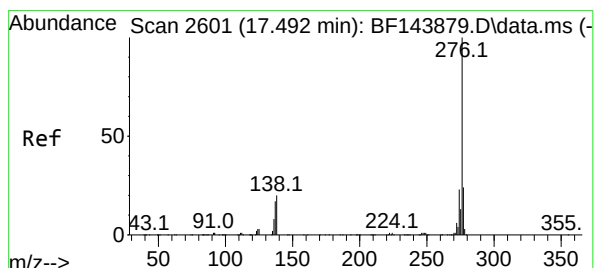
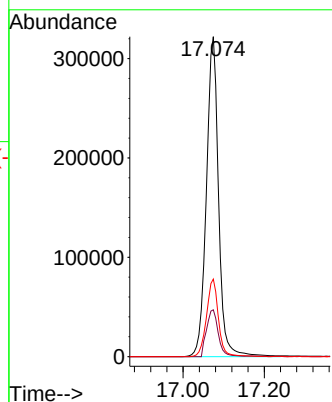
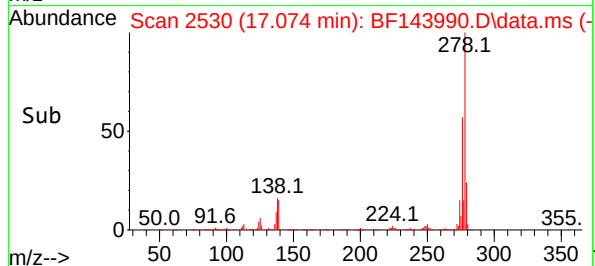
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:278 Resp: 672428
Ion Ratio Lower Upper
278 100
139 14.6 11.7 17.5
279 24.2 18.4 27.6

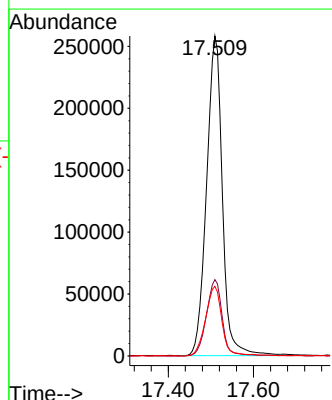
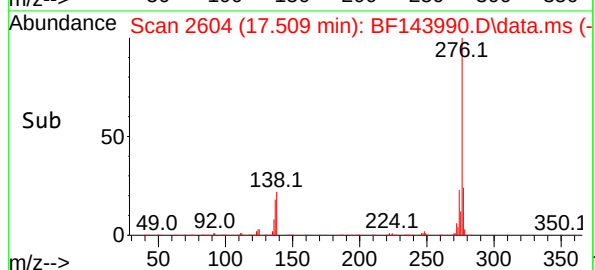
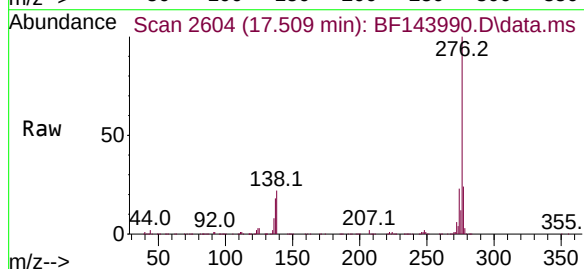
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#92
Benzo(g,h,i)perylene
Concen: 64.883 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:276 Resp: 663809
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 21.7 16.1 24.1



Manual Integration Report

Sequence:

BF100625

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143876.D	Phenol	rahul	10/7/2025 9:06:31 AM	Jagrut	10/7/2025 11:32:03 AM	Peak Integrated by Software
SSTDICC010	BF143877.D	Benzoic acid	rahul	10/7/2025 9:06:33 AM	Jagrut	10/7/2025 11:32:06 AM	Peak Integrated by Software
SSTDICC010	BF143877.D	Phenol	rahul	10/7/2025 9:06:33 AM	Jagrut	10/7/2025 11:32:06 AM	Peak Integrated by Software
SSTDICC020	BF143878.D	Benzoic acid	rahul	10/7/2025 9:06:36 AM	Jagrut	10/7/2025 11:32:08 AM	Peak Integrated by Software
SSTDICC020	BF143878.D	Phenol	rahul	10/7/2025 9:06:36 AM	Jagrut	10/7/2025 11:32:08 AM	Peak Integrated by Software
SSTDICCC040	BF143879.D	Benzoic acid	rahul	10/7/2025 9:06:41 AM	Jagrut	10/7/2025 11:32:10 AM	Peak Integrated by Software
SSTDICCC040	BF143879.D	Phenol	rahul	10/7/2025 9:06:41 AM	Jagrut	10/7/2025 11:32:10 AM	Peak Integrated by Software
SSTDICC080	BF143882.D	Benzoic acid	rahul	10/7/2025 9:06:44 AM	Jagrut	10/7/2025 11:32:12 AM	Peak Integrated by Software
SSTDICV040	BF143883.D	Phenol	rahul	10/7/2025 9:06:46 AM	Jagrut	10/7/2025 11:32:15 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

bf101725

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170149BS	BF143986.D	2,3,4,6-Tetrachlorophen ol	Rahul	10/20/2025 9:14:52 AM	Jagrut	10/20/2025 2:15:06 PM	Peak Integrated by Software
PB170149BS	BF143986.D	Caprolactam	Rahul	10/20/2025 9:14:52 AM	Jagrut	10/20/2025 2:15:06 PM	Peak Integrated by Software
Q3352-04MS	BF143989.D	Caprolactam	Rahul	10/20/2025 9:14:54 AM	Jagrut	10/20/2025 2:15:09 PM	Peak Integrated by Software
Q3352-04MSD	BF143990.D	Caprolactam	Rahul	10/20/2025 9:14:57 AM	Jagrut	10/20/2025 2:15:11 PM	Peak Integrated by Software

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF100625

Review By	Rahul	Review On	10/6/2025 4:17:39 PM
Supervise By	Jagrut	Supervise On	10/7/2025 11:32:28 AM
SubDirectory	BF100625	HP Acquire Method	BNA_F
		HP Processing Method	bf100625
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13177,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143874.D	06 Oct 2025 09:30	RC/JU	Ok
2	SSTDICC2.5	BF143875.D	06 Oct 2025 09:59	RC/JU	Ok
3	SSTDICC005	BF143876.D	06 Oct 2025 10:28	RC/JU	Ok,M
4	SSTDICC010	BF143877.D	06 Oct 2025 10:57	RC/JU	Ok,M
5	SSTDICC020	BF143878.D	06 Oct 2025 11:56	RC/JU	Ok,M
6	SSTDICCC040	BF143879.D	06 Oct 2025 12:54	RC/JU	Ok,M
7	SSTDICC050	BF143880.D	06 Oct 2025 13:23	RC/JU	Ok
8	SSTDICC060	BF143881.D	06 Oct 2025 13:53	RC/JU	Ok
9	SSTDICC080	BF143882.D	06 Oct 2025 14:22	RC/JU	Ok,M
10	SSTDICV040	BF143883.D	06 Oct 2025 16:08	RC/JU	Ok,M
11	PB169953BL	BF143884.D	06 Oct 2025 16:38	RC/JU	Not Ok
12	PB169953BS	BF143885.D	06 Oct 2025 17:07	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF101725

Review By	Rahul	Review On	10/20/2025 9:15:19 AM
Supervise By	Jagrut	Supervise On	10/20/2025 2:15:55 PM
SubDirectory	BF101725	HP Acquire Method	BNA_F
		HP Processing Method	BF100625
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13178,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143983.D	17 Oct 2025 14:14	RC/JU	Ok
2	SSTDCCC040	BF143984.D	17 Oct 2025 14:43	RC/JU	Ok
3	PB170149BL	BF143985.D	17 Oct 2025 15:11	RC/JU	Ok
4	PB170149BS	BF143986.D	17 Oct 2025 15:40	RC/JU	Ok,M
5	PB170116TB	BF143987.D	17 Oct 2025 16:09	RC/JU	Ok
6	Q3352-04	BF143988.D	17 Oct 2025 16:47	RC/JU	Ok
7	Q3352-04MS	BF143989.D	17 Oct 2025 17:16	RC/JU	Ok,M
8	Q3352-04MSD	BF143990.D	17 Oct 2025 17:45	RC/JU	Ok,M
9	Q3354-02	BF143991.D	17 Oct 2025 18:14	RC/JU	Ok
10	Q3349-01	BF143992.D	17 Oct 2025 18:43	RC/JU	Ok
11	Q3363-03	BF143993.D	17 Oct 2025 19:12	RC/JU	Ok
12	Q3363-04	BF143994.D	17 Oct 2025 19:41	RC/JU	Ok,M
13	Q3348-05DL	BF143995.D	17 Oct 2025 20:10	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF100625

Review By	Rahul	Review On	10/6/2025 4:17:39 PM
Supervise By	Jagrut	Supervise On	10/7/2025 11:32:28 AM
SubDirectory	BF100625	HP Acquire Method	BNA_F
		HP Processing Method	bf100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13177,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143874.D	06 Oct 2025 09:30		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143875.D	06 Oct 2025 09:59		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143876.D	06 Oct 2025 10:28		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF143877.D	06 Oct 2025 10:57		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF143878.D	06 Oct 2025 11:56		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143879.D	06 Oct 2025 12:54	compound #54 kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143880.D	06 Oct 2025 13:23		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143881.D	06 Oct 2025 13:53		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143882.D	06 Oct 2025 14:22	Compound #45 & #77 removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBF100625	BF143883.D	06 Oct 2025 16:08		RC/JU	Ok,M
11	PB169953BL	PB169953BL	BF143884.D	06 Oct 2025 16:38	Surrogate Fail	RC/JU	Not Ok
12	PB169953BS	PB169953BS	BF143885.D	06 Oct 2025 17:07	Surrogate Fail	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF101725

Review By	Rahul	Review On	10/20/2025 9:15:19 AM
Supervise By	Jagrut	Supervise On	10/20/2025 2:15:55 PM
SubDirectory	BF101725	HP Acquire Method	BNA_F
		HP Processing Method	BF100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13178,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143983.D	17 Oct 2025 14:14		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143984.D	17 Oct 2025 14:43		RC/JU	Ok
3	PB170149BL	PB170149BL	BF143985.D	17 Oct 2025 15:11		RC/JU	Ok
4	PB170149BS	PB170149BS	BF143986.D	17 Oct 2025 15:40		RC/JU	Ok,M
5	PB170116TB	PB170116TB	BF143987.D	17 Oct 2025 16:09		RC/JU	Ok
6	Q3352-04	TP-3	BF143988.D	17 Oct 2025 16:47		RC/JU	Ok
7	Q3352-04MS	TP-3MS	BF143989.D	17 Oct 2025 17:16		RC/JU	Ok,M
8	Q3352-04MSD	TP-3MSD	BF143990.D	17 Oct 2025 17:45		RC/JU	Ok,M
9	Q3354-02	HT1403	BF143991.D	17 Oct 2025 18:14		RC/JU	Ok
10	Q3349-01	PURS Station	BF143992.D	17 Oct 2025 18:43	Internal Standard Failed.	RC/JU	Ok
11	Q3363-03	PR132-SO3-028010-20	BF143993.D	17 Oct 2025 19:12		RC/JU	Ok
12	Q3363-04	PR132-SO3-010013-20	BF143994.D	17 Oct 2025 19:41		RC/JU	Ok,M
13	Q3348-05DL	WCS-TP2DL	BF143995.D	17 Oct 2025 20:10		RC/JU	Ok,M

M : Manual Integration

SOP ID : M1311-TCLP-16
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-1
TCLP Filter ID : 40718710

Start Prep Date : 10/15/2025 Time : 16:30
End Prep Date : 10/16/2025 Time : 10:25
Combination Ratio : 20
ZHE Cleaning Batch : N/A 18
Initial Room Temperature: 23 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : *SB*
Supervisor By : 12

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked, 30 rpm. q3349-01 is oil samples so % is <0.5 we consider as water sample. q3357-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/16/25 11:30	<i>SB</i> / <i>TCLP Room</i>	<i>SRJ</i> / <i>RJ/E+T</i>
	Preparation Group	Analysis Group <i>174 n'y</i>

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170116TB	LEB116	07	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-1
Q3349-01	PURS Station	N/A	N/A	N/A	N/A	N/A	N/A	4.0	1.0	N/A
Q3352-04	TP-3	01	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3354-02	HT1403	02	100.03	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3357-01	DRUM-1	03	100.04	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q3357-02	DRUM-2	04	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q3357-03	DRUM-3	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q3357-04	DRUM-4	06	100.03	2000	N/A	N/A	N/A	6.0	1.0	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170116TB	LEB116	N/A	N/A	N/A	N/A	N/A	N/A
Q3349-01	PURS Station	N/A	N/A	N/A	N/A	<0.5	N/A
Q3352-04	TP-3	N/A	N/A	N/A	N/A	100	N/A
Q3354-02	HT1403	N/A	N/A	N/A	N/A	100	N/A
Q3357-01	DRUM-1	N/A	N/A	N/A	N/A	100	N/A
Q3357-02	DRUM-2	N/A	N/A	N/A	N/A	100	N/A
Q3357-03	DRUM-3	N/A	N/A	N/A	N/A	100	N/A
Q3357-04	DRUM-4	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2
Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB170116TB	LEB116	N/A	N/A	N/A	N/A	#1	4.94
Q3349-01	PURS Station	N/A	N/A	N/A	N/A	N/A	N/A
Q3352-04	TP-3	5.01	96.5	6.6	1.5	#1	4.94
Q3354-02	HT1403	5.02	96.5	7.6	2.5	#1	4.94
Q3357-01	DRUM-1	5.03	96.5	7.6	2.5	#1	4.94
Q3357-02	DRUM-2	5.02	96.5	7.6	2.5	#1	4.94
Q3357-03	DRUM-3	5.02	96.5	8.0	3.0	#1	4.94
Q3357-04	DRUM-4	5.02	96.5	8.0	3.0	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q3357 WorkList ID : 192482 Department : TCLP Extraction Date : 10-15-2025 14:19:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3349-01	PURS Station	Solid	TCLP Extraction	Cool 4 deg C	CORE02	J31	10/13/2025	1311
Q3352-04	TP-3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/15/2025	1311
Q3354-02	HT1403	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/15/2025	1311
Q3357-01	DRUM-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/15/2025	1311
Q3357-02	DRUM-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/15/2025	1311
Q3357-03	DRUM-3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/15/2025	1311
Q3357-04	DRUM-4	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/15/2025	1311

Date/Time 10/15/25 15:00
 Raw Sample Received by: SP WDC
 Raw Sample Relinquished by: SP WDC

Date/Time 10/15/25 17:30
 Raw Sample Received by: SP WDC
 Raw Sample Relinquished by: SP WDC

SOP ID:	M3510C,3580A-Extraction SVOC-21		
Clean Up SOP #:	N/A	Extraction Start Date :	10/17/2025
Matrix :	Water	Extraction Start Time :	08:34
Welgh By:	N/A	Extraction By:	RJ
Balance check:	N/A	Filter By:	RJ
Balance ID:	N/A	pH Meter ID:	N/A
pH Strip Lot#:	E3953	Hood ID:	4,6,7
Extraction Method:	☒ Seperatory Funnel	☐ Continious Liquid/Liquid	☐ Sonication
		☐ Waste Dilution	☐ Soxhlet
		Extraction End Date :	10/17/2025
		Extraction End Time :	13:35
		Concentration By:	RS
		Supervisor By :	RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2652
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 and > 11 with 10N NaOH, 1.5ML Vial Lot # 2210443.

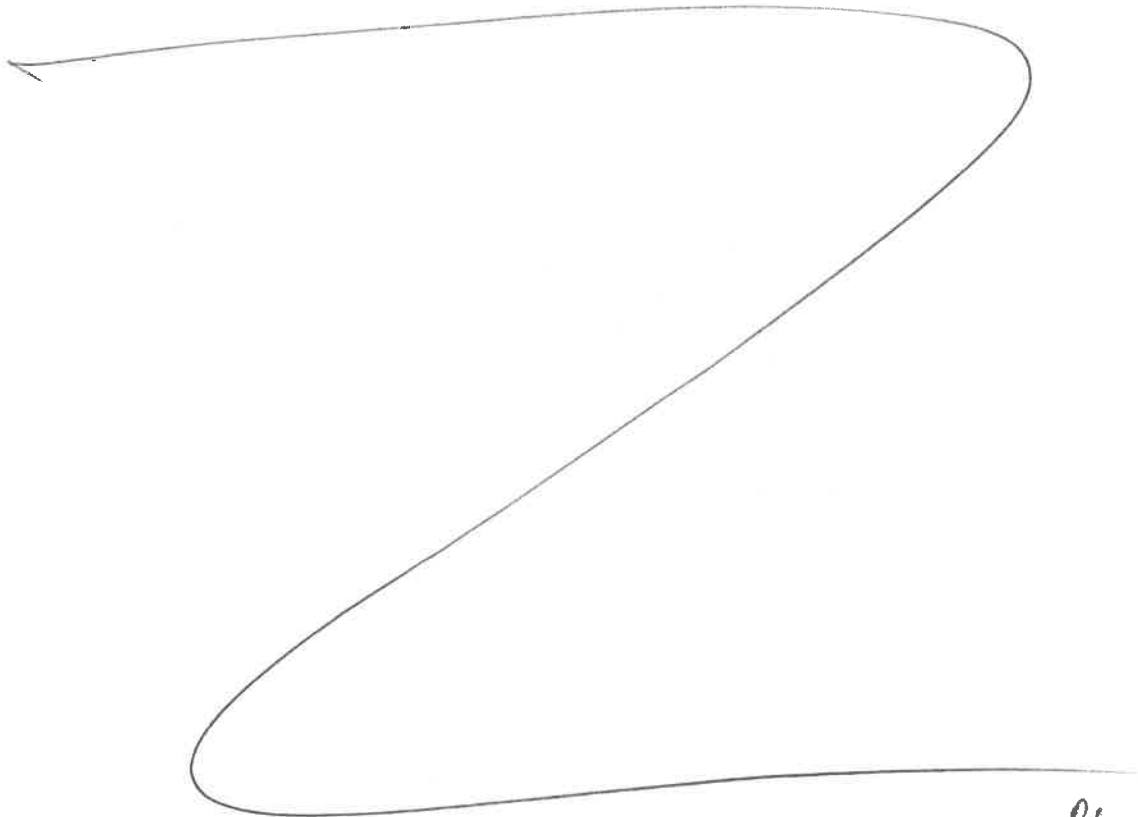
KD Bath ID:	WATER BATH-1	Envap ID:	N-EVAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
13:40 / 10/17	RS (Ext Lab)	JP/SVOC
	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 10/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170116TB	PB170116TB	TCLP BNA	100	6	RUPESH	ritesh	1			SEP-1
PB170149BL	PB170149BL	TCLP BNA	1000	6	RUPESH	ritesh	1			2
PB170149BS	PB170149BS	TCLP BNA	1000	6	RUPESH	ritesh	1			3
Q3349-01	PURS STATION	TCLP BNA	100	6	RUPESH	ritesh	10	A		
Q3352-04	TP-3	TCLP BNA	100	6	RUPESH	ritesh	1	A		4
Q3352-04MS	TP-3MS	TCLP BNA	100	6	RUPESH	ritesh	1	A		5
Q3352-04MS D	TP-3MSD	TCLP BNA	100	6	RUPESH	ritesh	1	A		6
Q3354-02	HT1403	TCLP BNA	100	6	RUPESH	ritesh	1	A		7



RS
10/17

TCLP EXTRACTION LOGPAGE

PB170116

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170116TB	LEB116	07	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-1
Q3349-01	PURS Station	N/A	N/A	N/A	N/A	N/A	N/A	4.0	1.0	N/A
Q3352-04	TP-3	01	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3354-02	HT1403	02	100.03	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3357-01	DRUM-1	03	100.04	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q3357-02	DRUM-2	04	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q3357-03	DRUM-3	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q3357-04	DRUM-4	06	100.03	2000	N/A	N/A	N/A	6.0	1.0	T-1

10/26/15
11.30



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q 3349

COC Number:

Q 3350

CLIENT INFORMATION

COMPANY: CORE Environmental Consultants

ADDRESS: 22-48 119th Street

CITY: College Point STATE: NY ZIP: 11356

ATTENTION: Roland Scardino

PHONE: 718-786-4730 ext. 114

FAX:

PROJECT INFORMATION

PROJECT NAME: NYPA - PURS Station

PROJECT #: LOCATION:

PROJECT MANAGER: Roland Scardino

E-MAIL: rscardino@coreenv.com

PHONE:

FAX:

BILLING INFORMATION

BILL TO: CORE Environmental Consultants

PO#

ADDRESS: 22-48 119th street

CITY: College Point

STATE: NY ZIP: 11356

ATTENTION: Joseph zaheer

PHONE: 718-786-4730

ANALYSIS

* less than

TCLP VOCs	TCLP SVOCs	TCLP RCRA 8 Metals	Total Halogens	PCBs					
1	2	3	4	5	6	7	8	9	

PCBs reported to a limit of quantification of 2.00 mg/L

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles									
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9
1.	PURS Station	Water		X	10/13/25	1025	4	x	x	x	x	x				
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. <i>[Signature]</i>	10-13-25	1400
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2. <i>[Signature]</i>	10-14-25	1400
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3. <i>[Signature]</i>	10-14-25	

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp

MeOH extraction requires an additional 4oz. Jar for percent solid

Comments:

☐ Cooler Temp 3.2C☐ Ice in Cooler?:SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ OvernightALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312