

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
 Data File : BF141887.D
 Acq On : 07 Mar 2025 11:29
 Operator : RC/JU
 Sample : Q1478-13MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SO-COMP-022825MS

Quant Time: Mar 07 12:00:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	144619	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	567805	20.000	ng	#-0.01
39) Acenaphthene-d10	9.922	164	313240	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	556123	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	435055	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	343670	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1275062	140.802	ng	0.02
7) Phenol-d6	6.510	99	1560117	132.361	ng	0.00
23) Nitrobenzene-d5	7.446	82	1035429	116.562	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	609898	207.395	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1992152	101.976	ng	0.00
79) Terphenyl-d14	12.992	244	2359942	87.763	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.828	88	155198	37.770	ng	# 81
3) Pyridine	3.552	79	259160	25.349	ng	94
4) n-Nitrosodimethylamine	3.475	42	184647	37.536	ng	97
6) Aniline	6.551	93	171617	14.005	ng	99
8) 2-Chlorophenol	6.669	128	435569	44.463	ng	95
9) Benzaldehyde	6.440	77	77748	11.340	ng	95
10) Phenol	6.522	94	503309	39.960	ng	93
11) bis(2-Chloroethyl)ether	6.622	93	371666	38.712	ng	96
12) 1,3-Dichlorobenzene	6.828	146	366082	34.895	ng	99
13) 1,4-Dichlorobenzene	6.904	146	371799	35.173	ng	99
14) 1,2-Dichlorobenzene	7.057	146	363877	36.864	ng	99
15) Benzyl Alcohol	7.022	79	396800	42.123	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	433387	29.724	ng	93
17) 2-Methylphenol	7.128	107	353469	43.714	ng	98
18) Hexachloroethane	7.398	117	133954	33.858	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	299109	38.604	ng	99
20) 3+4-Methylphenols	7.281	107	458586	45.545	ng	95
22) Acetophenone	7.293	105	642289	46.445	ng	98
24) Nitrobenzene	7.463	77	440948	46.355	ng	99
25) Isophorone	7.704	82	825864	43.275	ng	98
26) 2-Nitrophenol	7.781	139	221747	51.787	ng	97
27) 2,4-Dimethylphenol	7.810	122	378308	53.928	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	482066	39.599	ng	100
29) 2,4-Dichlorophenol	8.016	162	379620	46.908	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	358200	40.392	ng	99
31) Naphthalene	8.187	128	1190686	40.801	ng	99
32) Benzoic acid	7.916	122	243052	42.551	ng	99
33) 4-Chloroaniline	8.234	127	60449	5.649	ng	98
34) Hexachlorobutadiene	8.304	225	223239	40.510	ng	98
35) Caprolactam	8.640	113	41147	16.527	ng	89
36) 4-Chloro-3-methylphenol	8.710	107	434357	48.315	ng	99
37) 2-Methylnaphthalene	8.875	142	795823	41.576	ng	100
38) 1-Methylnaphthalene	8.975	142	781539	42.552	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	452153	49.980	ng	99
41) Hexachlorocyclopentadiene	9.028	237	543845	144.048	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	288971	49.449	ng	99

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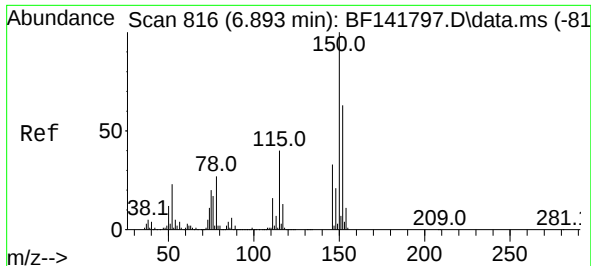
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	307214	53.090	ng	98
46) 1,1'-Biphenyl	9.339	154	1178867	49.444	ng	98
47) 2-Chloronaphthalene	9.363	162	799418	45.428	ng	100
48) 2-Nitroaniline	9.457	65	262276	53.866	ng	96
49) Acenaphthylene	9.781	152	1283508	48.647	ng	100
50) Dimethylphthalate	9.639	163	1019741	48.612	ng	99
51) 2,6-Dinitrotoluene	9.698	165	221458	54.763	ng	96
52) Acenaphthene	9.951	154	963187	54.103	ng	99
53) 3-Nitroaniline	9.863	138	73385	19.074	ng	# 96
54) 2,4-Dinitrophenol	9.975	184	264098	121.668	ng	# 1
55) Dibenzofuran	10.128	168	1164925	44.957	ng	99
56) 4-Nitrophenol	10.028	139	371749	119.989	ng	93
57) 2,4-Dinitrotoluene	10.104	165	307024	61.563	ng	94
58) Fluorene	10.469	166	932790	48.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	270250	53.698	ng	99
60) Diethylphthalate	10.339	149	992053	47.175	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	467270	48.049	ng	98
62) 4-Nitroaniline	10.481	138	218738	61.060	ng	95
63) Azobenzene	10.622	77	916211	41.379	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	170000	62.051	ng	90
66) n-Nitrosodiphenylamine	10.575	169	808274	44.262	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	301247	46.376	ng	97
68) Hexachlorobenzene	11.016	284	344761	50.262	ng	95
69) Atrazine	11.104	200	310084	61.748	ng	99
70) Pentachlorophenol	11.204	266	467144	107.379	ng	99
71) Phenanthrene	11.428	178	1423703	47.860	ng	99
72) Anthracene	11.481	178	1463911	49.103	ng	99
73) Carbazole	11.633	167	1292951	49.111	ng	100
74) Di-n-butylphthalate	11.963	149	1517925	45.485	ng	100
75) Fluoranthene	12.616	202	1558398	51.127	ng	97
77) Benzidine	12.739	184	83121	15.180	ng	# 38
78) Pyrene	12.845	202	1580372	41.950	ng	99
80) Butylbenzylphthalate	13.463	149	636995	46.538	ng	96
81) Benzo(a)anthracene	14.033	228	1383197	48.134	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	181968	22.071	ng	99
83) Chrysene	14.069	228	1222618	46.155	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	809701	47.509	ng	100
85) Di-n-octyl phthalate	14.633	149	1170567	45.877	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.004	276	1137163	51.964	ng	# 94
88) Benzo(b)fluoranthene	15.080	252	1121801	47.920	ng	98
89) Benzo(k)fluoranthene	15.110	252	882903	44.373	ng	98
90) Benzo(a)pyrene	15.451	252	933380	49.716	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	919901	51.498	ng	# 95
92) Benzo(g,h,i)perylene	17.457	276	892265	48.758	ng	# 94

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

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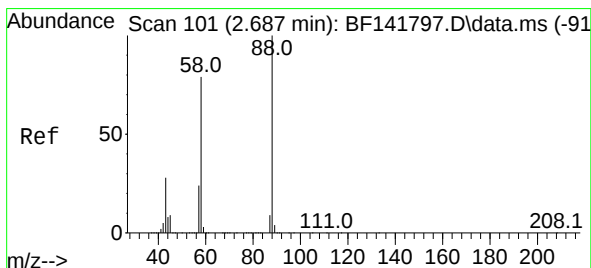
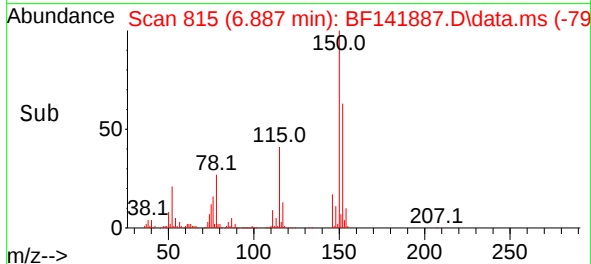
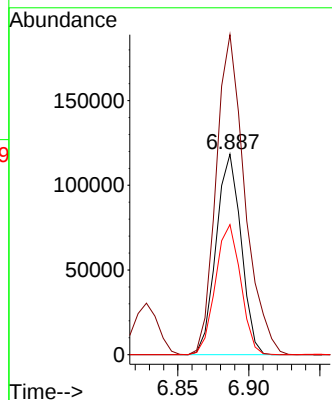
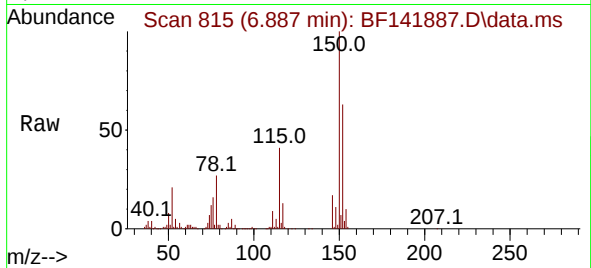




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

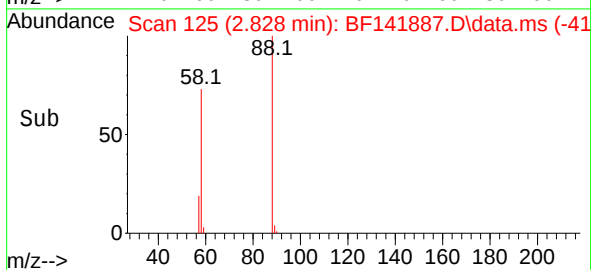
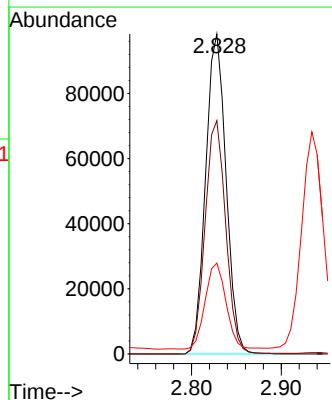
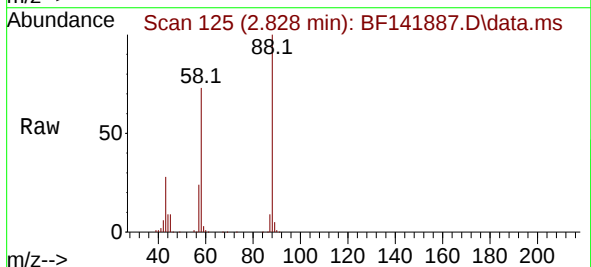
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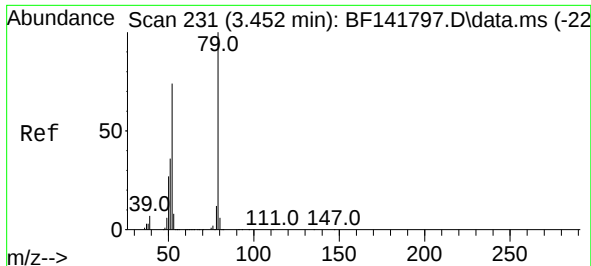
Tgt Ion:152 Resp: 144619
Ion Ratio Lower Upper
152 100
150 159.6 127.5 191.3
115 64.9 51.4 77.2



#2
1,4-Dioxane
Concen: 37.770 ng
RT: 2.828 min Scan# 125
Delta R.T. 0.141 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion: 88 Resp: 155198
Ion Ratio Lower Upper
88 100
58 74.0 63.9 95.9
43 0.0 23.0 34.6#





#3

Pyridine

Concen: 25.349 ng

RT: 3.552 min Scan# 248

Delta R.T. 0.095 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

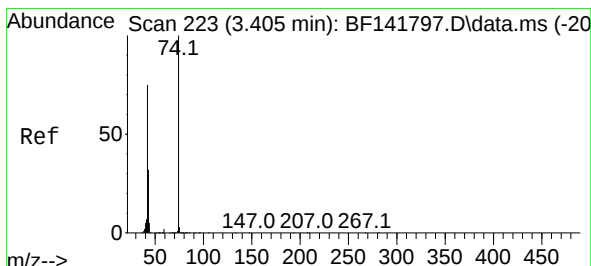
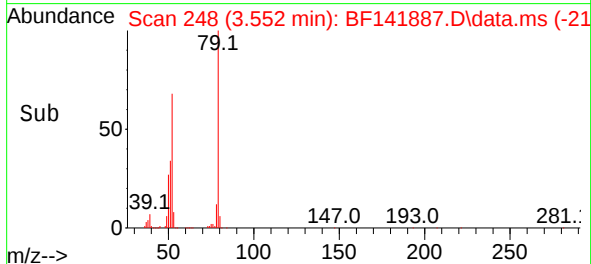
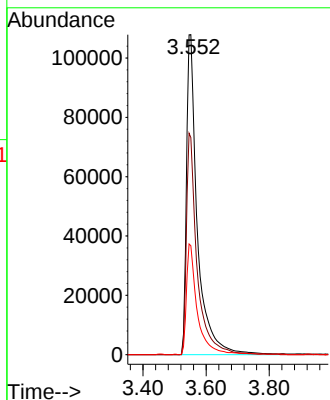
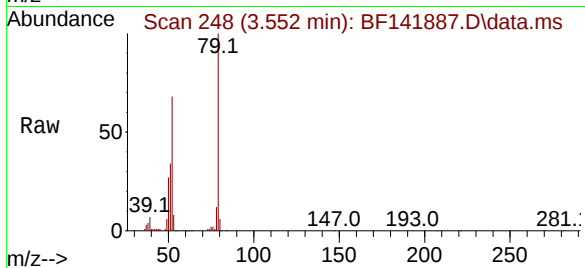
Tgt Ion: 79 Resp: 259160

Ion Ratio Lower Upper

79 100

52 67.8 59.0 88.4

51 34.1 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 37.536 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.071 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

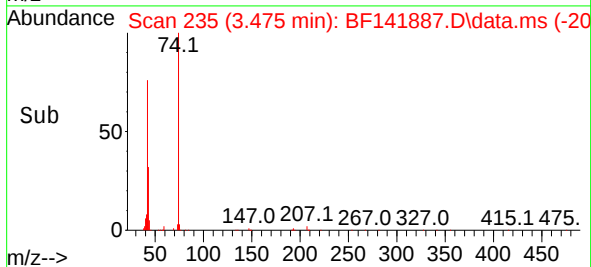
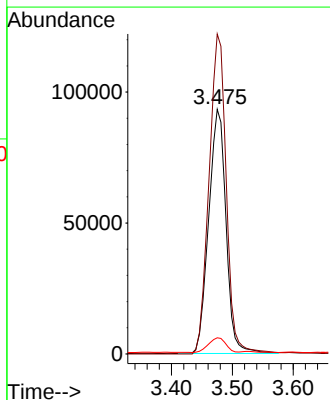
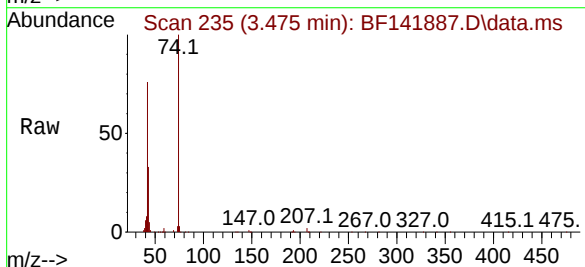
Tgt Ion: 42 Resp: 184647

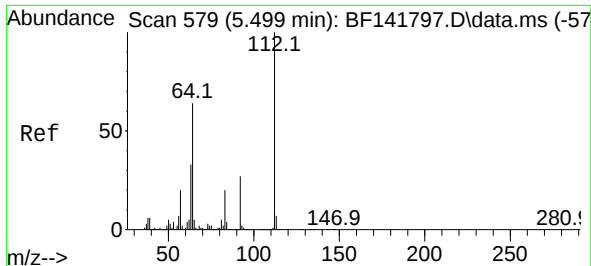
Ion Ratio Lower Upper

42 100

74 130.8 107.1 160.7

44 6.6 6.6 9.8

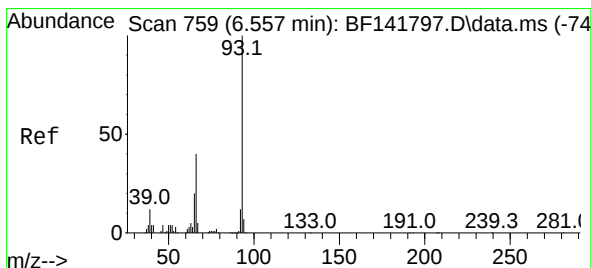
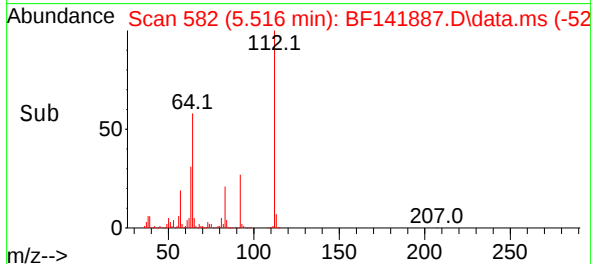
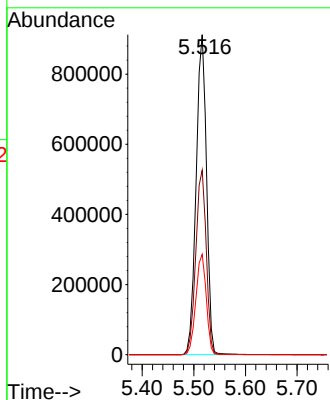
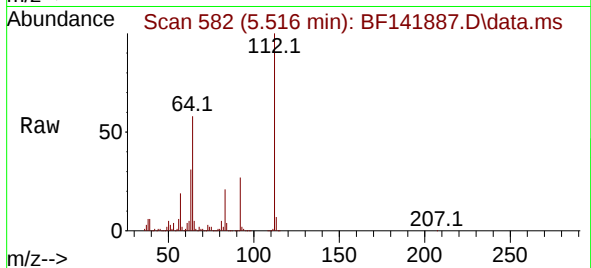




#5
2-Fluorophenol
Concen: 140.802 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

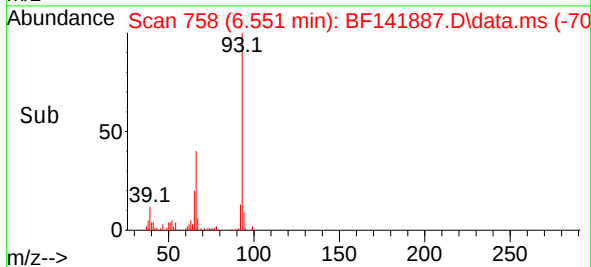
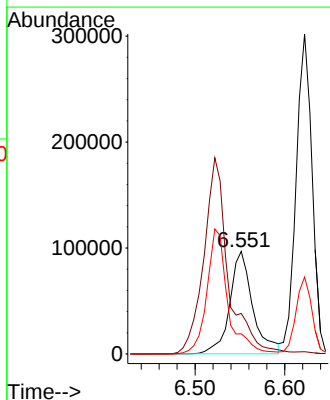
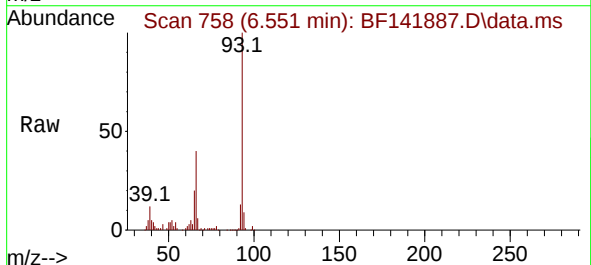
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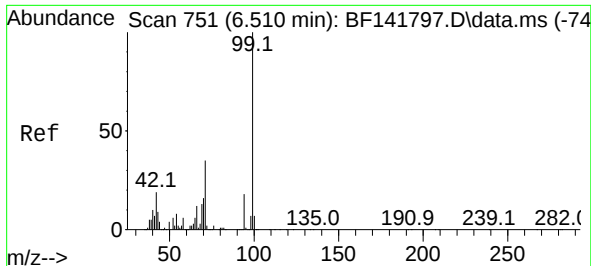
Tgt Ion:112 Resp: 1275062
Ion Ratio Lower Upper
112 100
64 57.7 51.3 76.9
63 31.3 26.2 39.4



#6
Aniline
Concen: 14.005 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion: 93 Resp: 171617
Ion Ratio Lower Upper
93 100
66 39.5 32.3 48.5
65 19.7 15.9 23.9

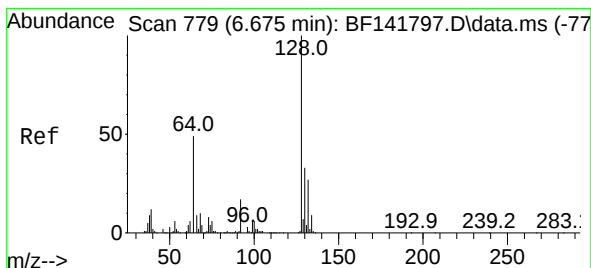
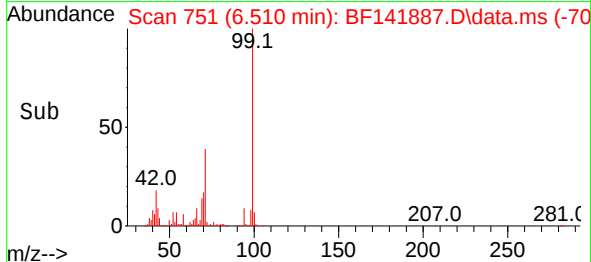
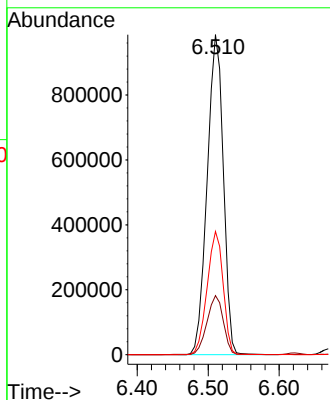
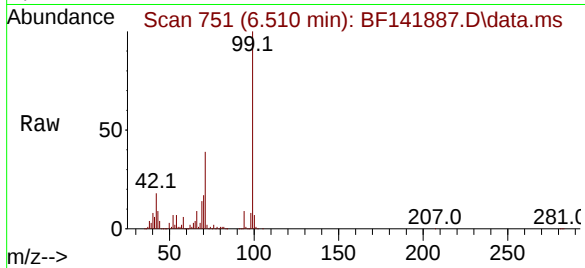




#7
Phenol-d6
Concen: 132.361 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

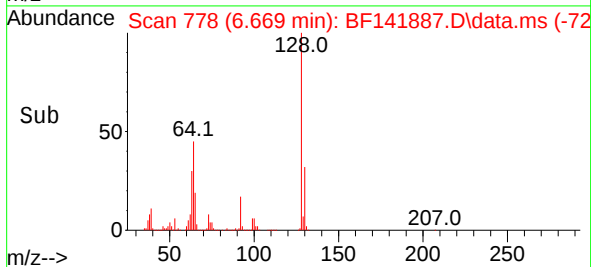
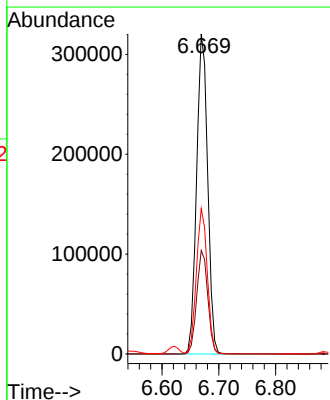
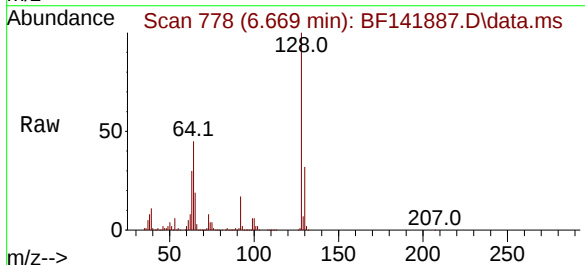
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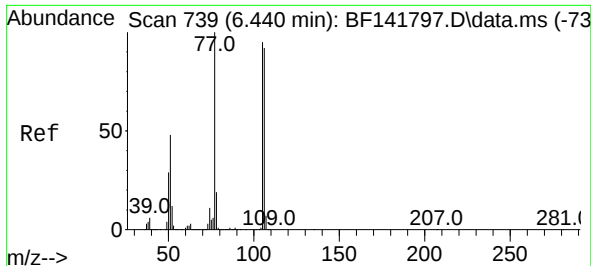
Tgt Ion: 99 Resp: 1560117
Ion Ratio Lower Upper
99 100
42 18.4 15.2 22.8
71 38.5 28.2 42.2



#8
2-Chlorophenol
Concen: 44.463 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion:128 Resp: 435569
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 45.5 31.1 71.1

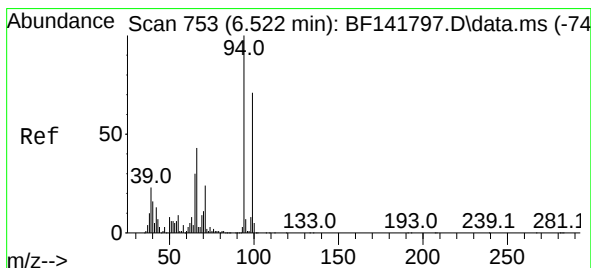
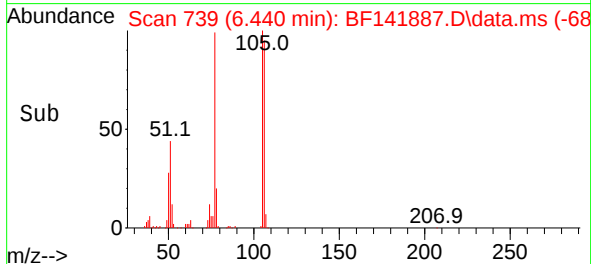
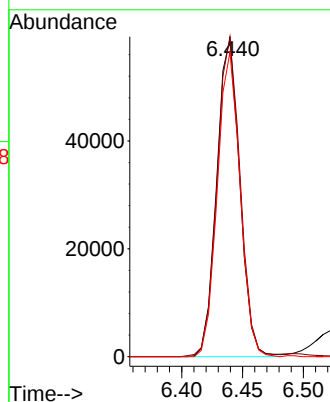
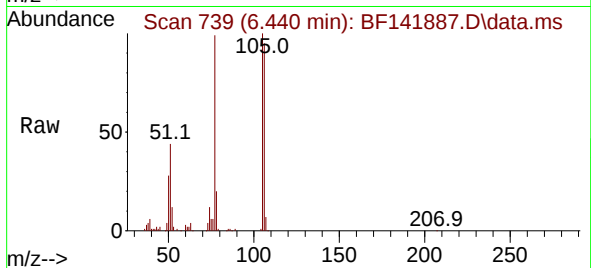




#9
Benzaldehyde
Concen: 11.340 ng
RT: 6.440 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

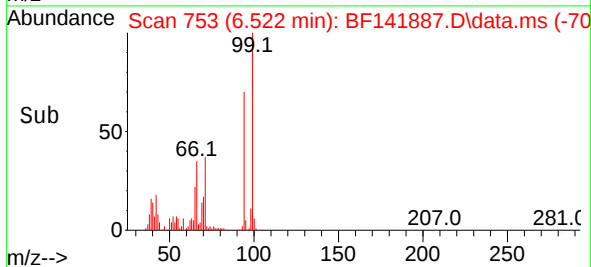
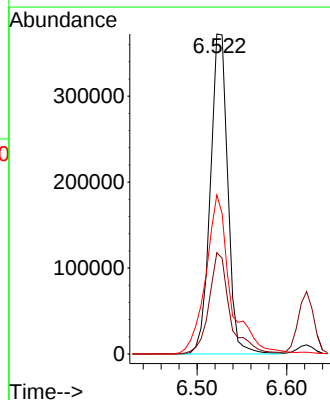
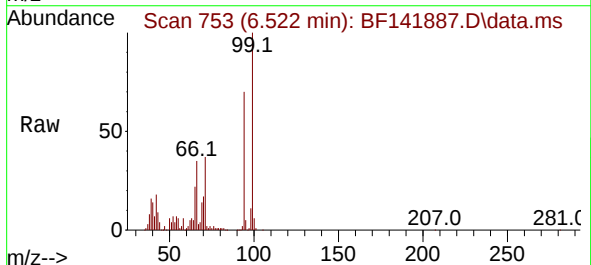
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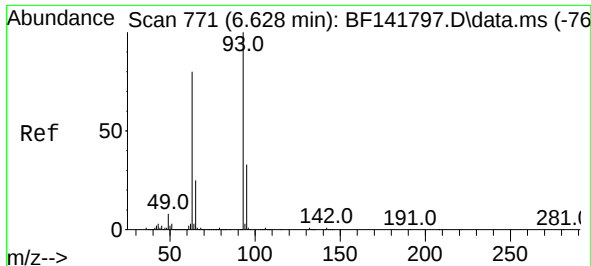
Tgt Ion: 77 Resp: 77748
Ion Ratio Lower Upper
77 100
105 100.7 75.3 115.3
106 95.9 72.3 112.3



#10
Phenol
Concen: 39.960 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion: 94 Resp: 503309
Ion Ratio Lower Upper
94 100
65 31.7 10.2 50.2
66 49.7 23.2 63.2





#11

bis(2-Chloroethyl)ether

Concen: 38.712 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

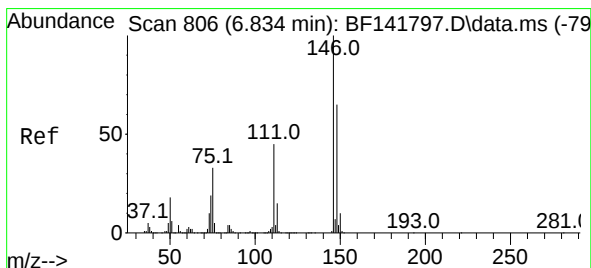
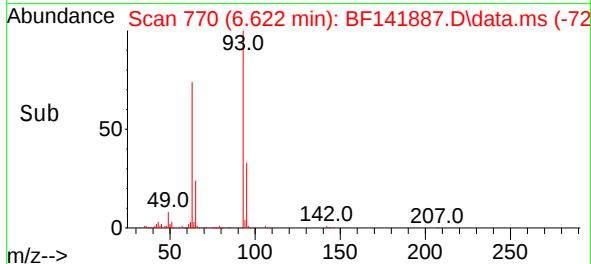
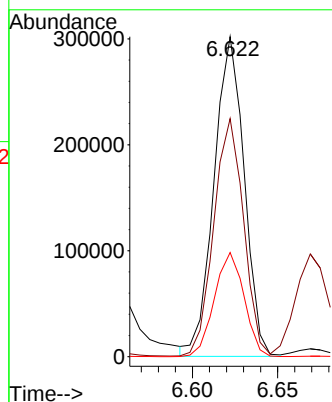
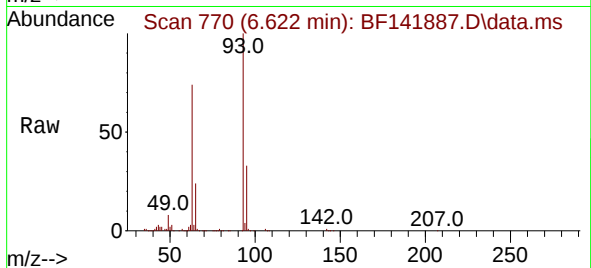
Tgt Ion: 93 Resp: 371666

Ion Ratio Lower Upper

93 100

63 74.4 59.3 99.3

95 32.6 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 34.895 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

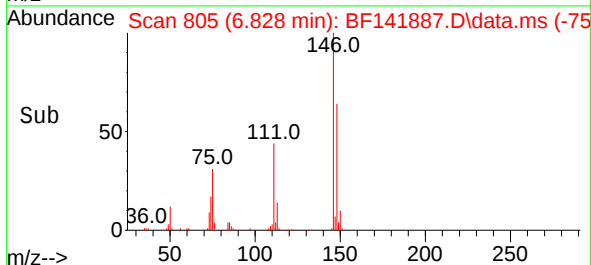
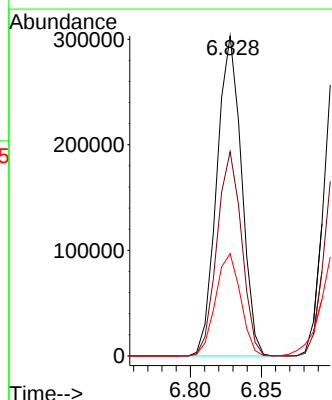
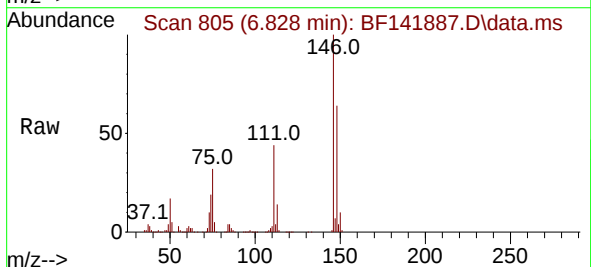
Tgt Ion:146 Resp: 366082

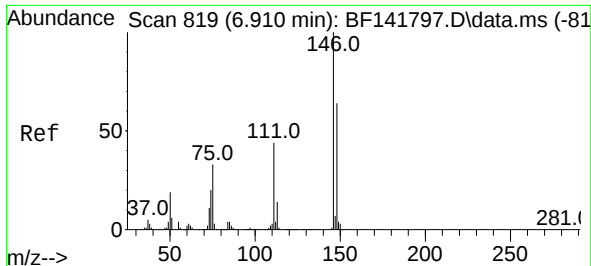
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

75 32.0 26.2 39.4

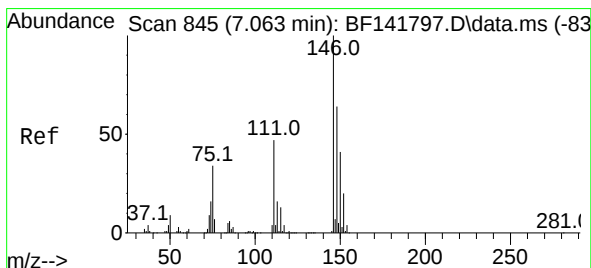
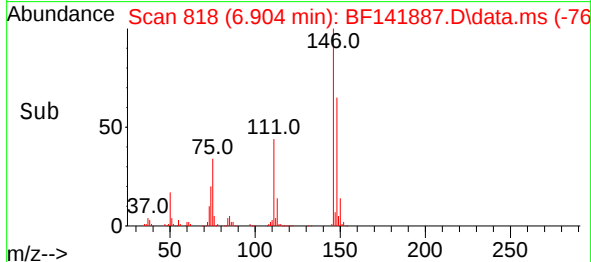
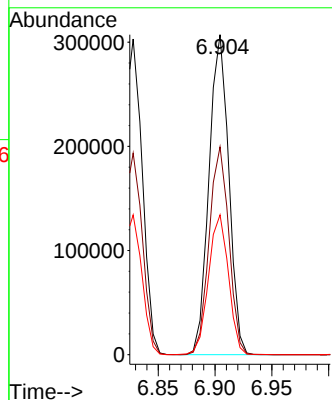
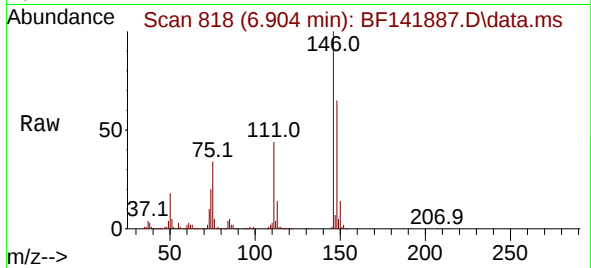




#13
1,4-Dichlorobenzene
Concen: 35.173 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

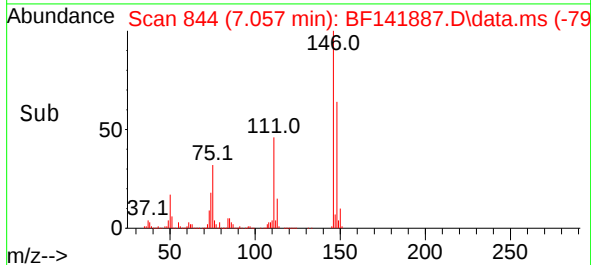
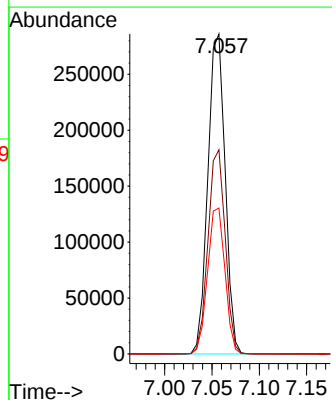
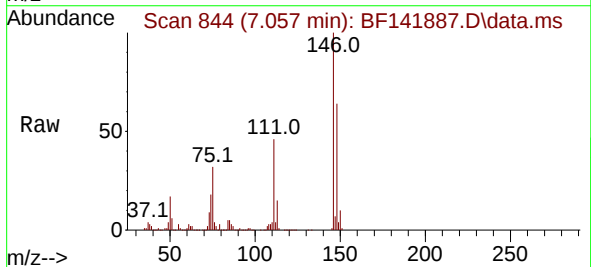
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

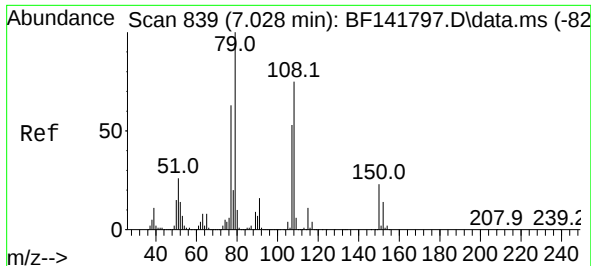
Tgt Ion:146 Resp: 371799
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
111 43.7 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 36.864 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion:146 Resp: 363877
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 45.6 37.8 56.6

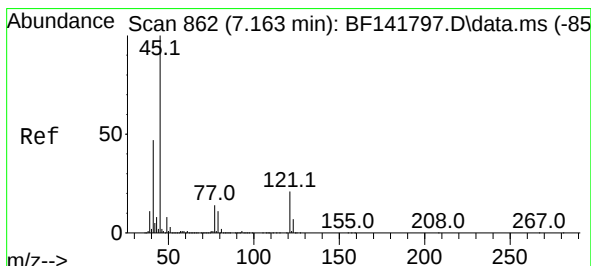
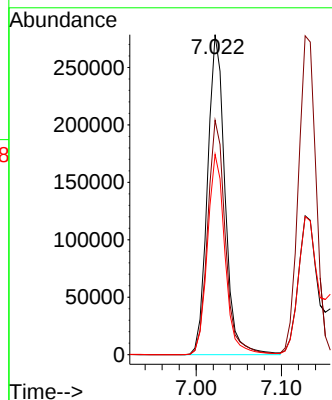
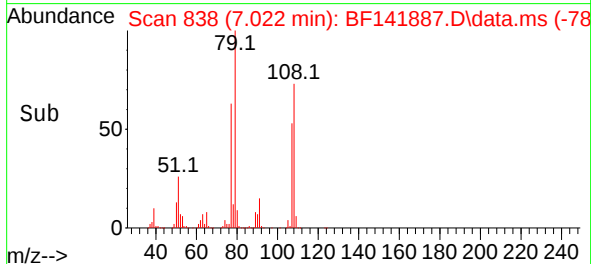
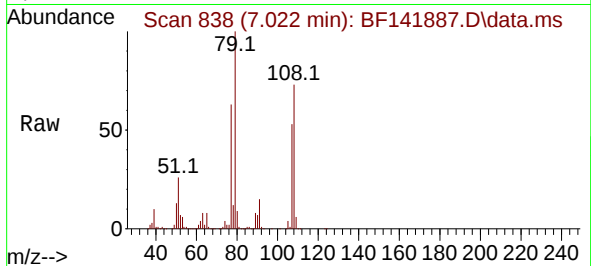




#15
Benzyl Alcohol
Concen: 42.123 ng
RT: 7.022 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

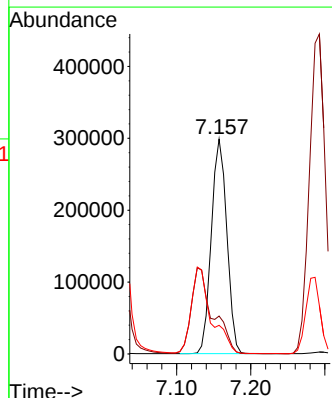
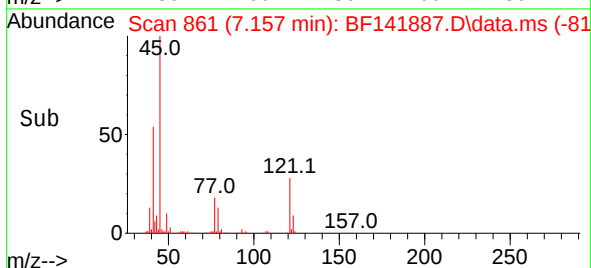
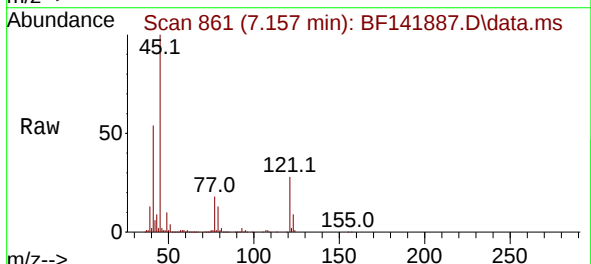
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

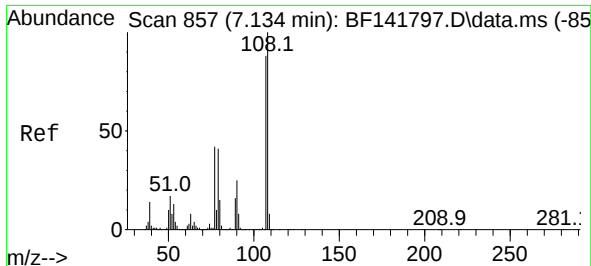
Tgt Ion: 79 Resp: 396800
Ion Ratio Lower Upper
79 100
108 73.3 60.2 90.2
77 62.6 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.724 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion: 45 Resp: 433387
Ion Ratio Lower Upper
45 100
77 17.6 0.0 34.4
79 13.4 0.0 30.9

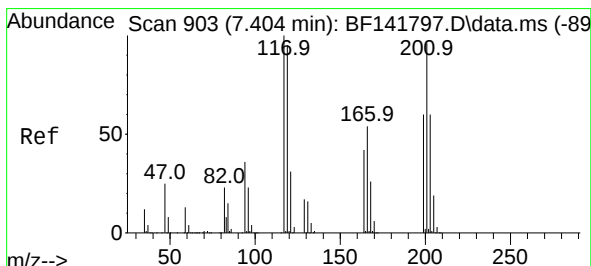
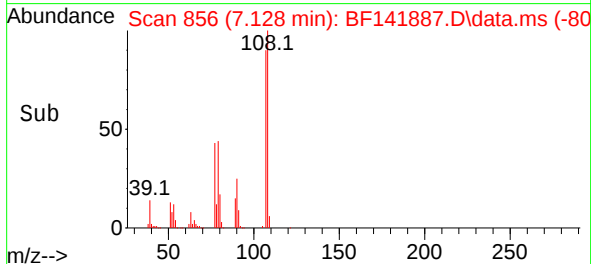
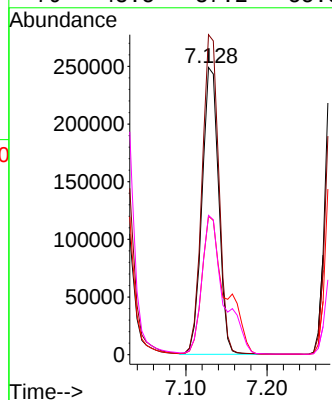
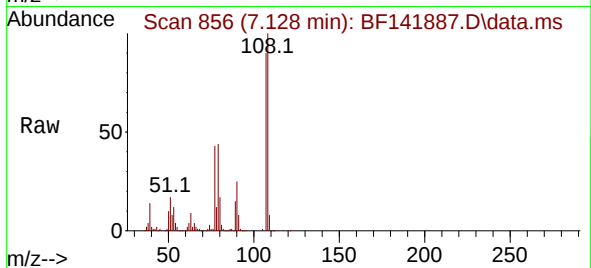




#17
2-Methylphenol
Concen: 43.714 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

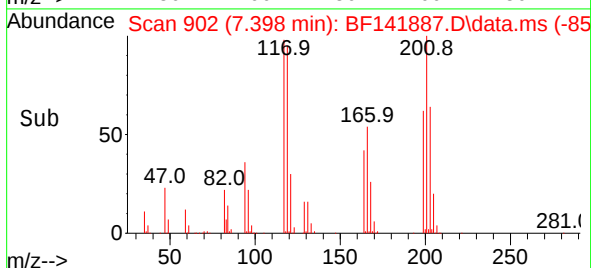
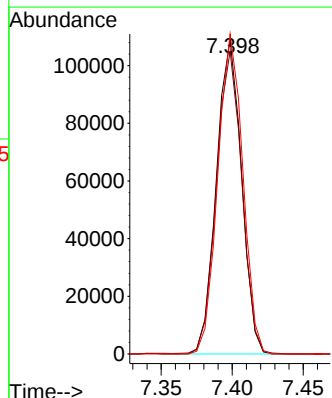
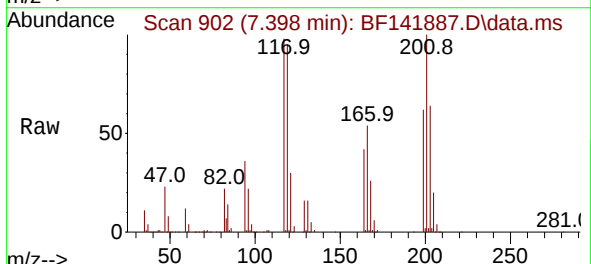
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

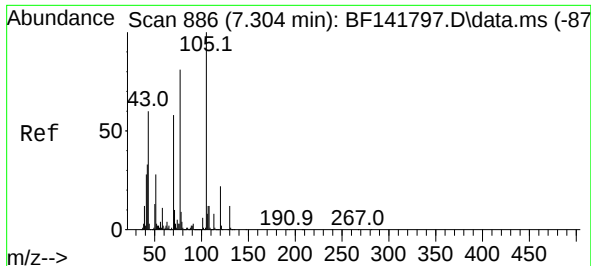
Tgt Ion:	107	Resp:	353469
Ion	Ratio	Lower	Upper
107	100		
108	111.4	90.6	135.8
77	48.3	37.7	56.5
79	48.5	37.2	55.8



#18
Hexachloroethane
Concen: 33.858 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion:	117	Resp:	133954
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	101.9	76.7	115.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.604 ng

RT: 7.293 min Scan# 886

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

Tgt Ion: 70 Resp: 299109

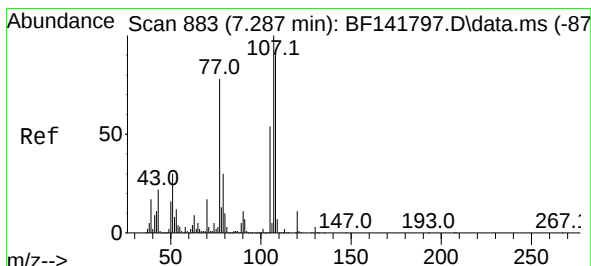
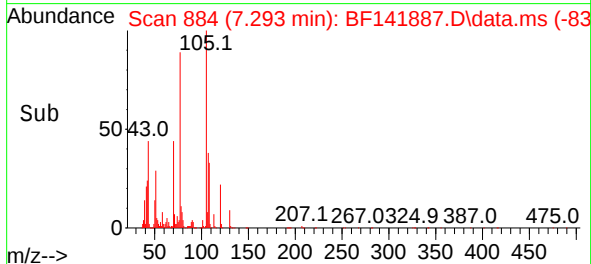
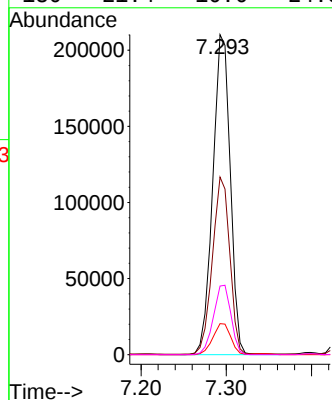
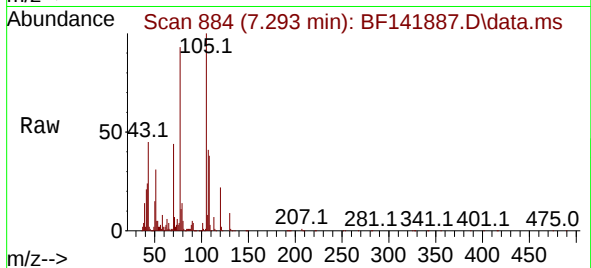
Ion Ratio Lower Upper

70 100

42 55.5 45.4 68.0

101 9.7 7.8 11.8

130 21.4 16.6 24.8



#20

3+4-Methylphenols

Concen: 45.545 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Tgt Ion: 107 Resp: 458586

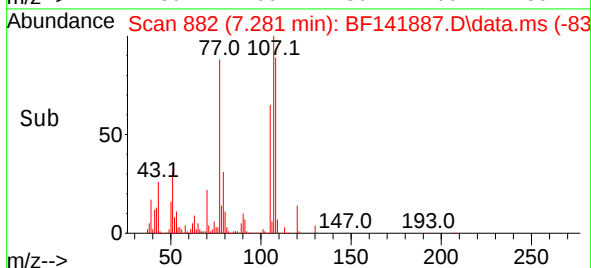
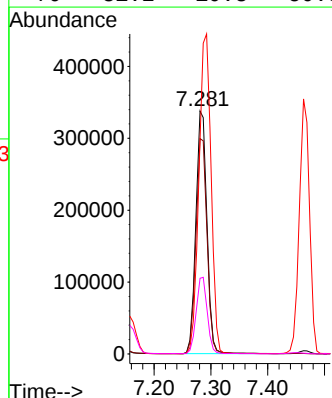
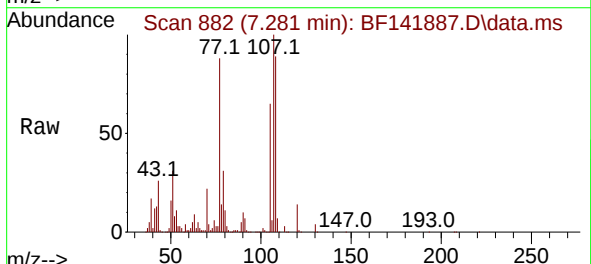
Ion Ratio Lower Upper

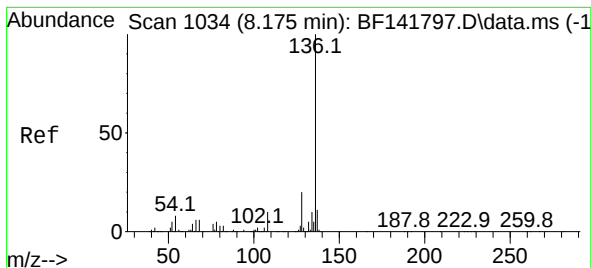
107 100

108 88.7 69.7 109.7

77 87.9 58.3 98.3

79 31.2 10.3 50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

Tgt Ion:136 Resp: 567805

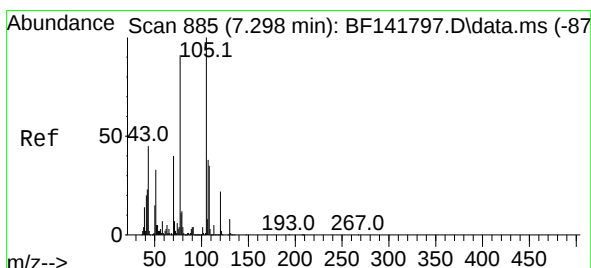
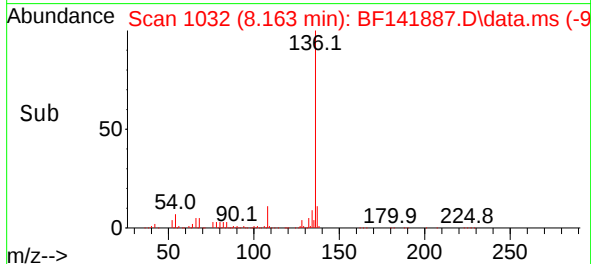
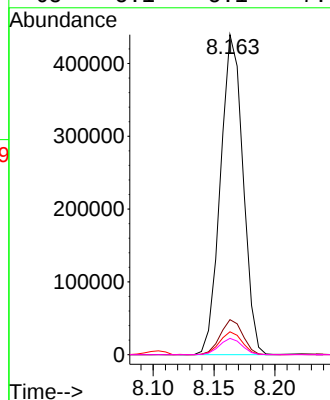
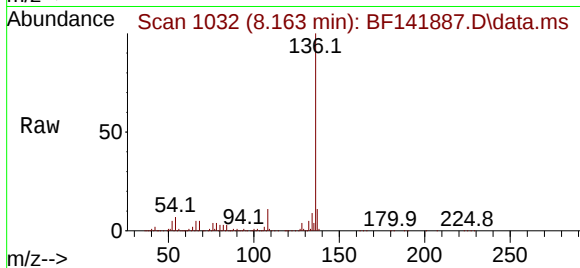
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.9 10.3

68 5.1 5.1 7.7#



#22

Acetophenone

Concen: 46.445 ng

RT: 7.293 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Tgt Ion:105 Resp: 642289

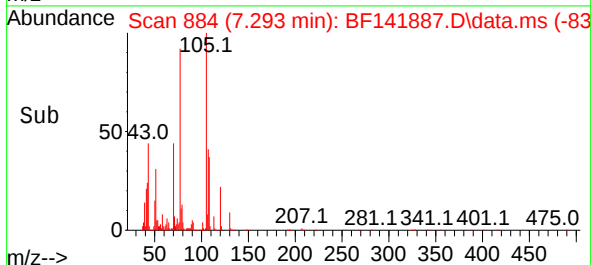
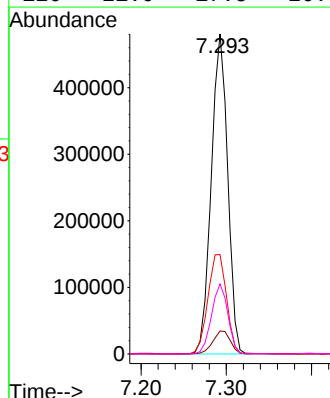
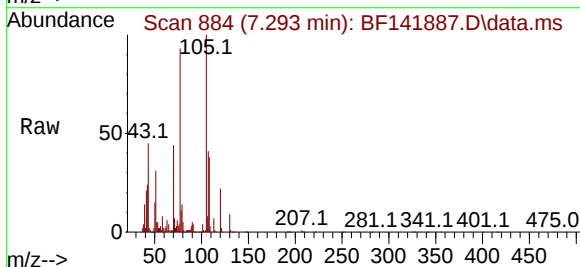
Ion Ratio Lower Upper

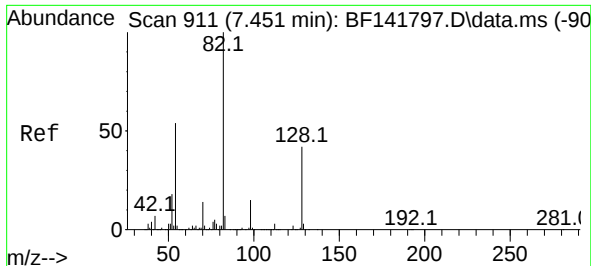
105 100

71 7.2 5.4 8.0

51 31.1 26.1 39.1

120 21.9 17.5 26.3





#23

Nitrobenzene-d5

Concen: 116.562 ng

RT: 7.446 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

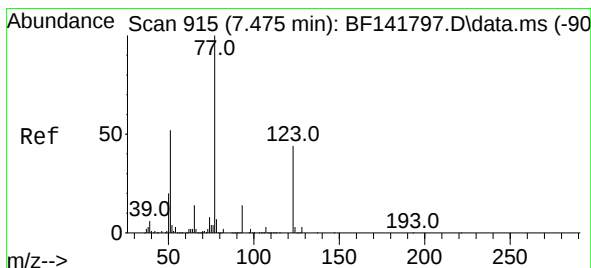
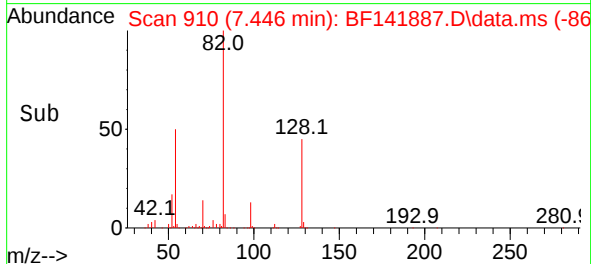
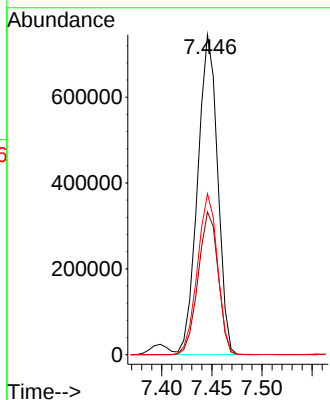
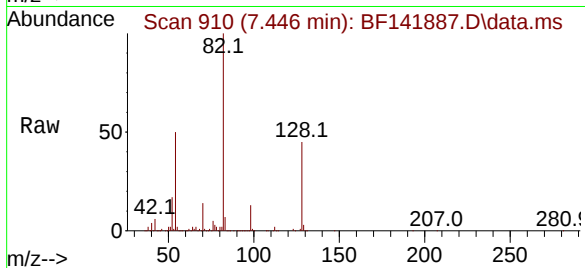
BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

Tgt Ion: 82 Resp: 1035429

Ion	Ratio	Lower	Upper
82	100		
128	44.6	33.5	50.3
54	50.3	42.7	64.1



#24

Nitrobenzene

Concen: 46.355 ng

RT: 7.463 min Scan# 913

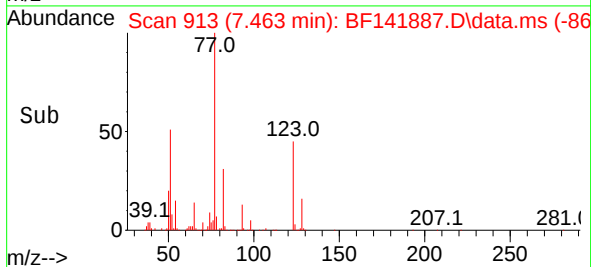
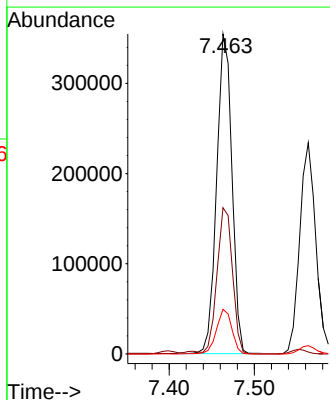
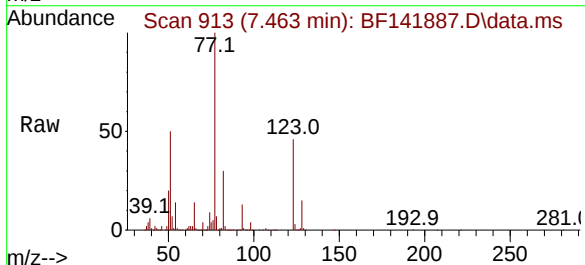
Delta R.T. -0.012 min

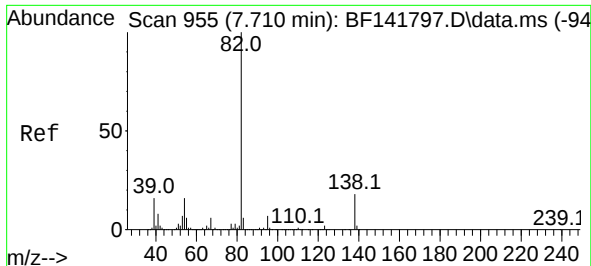
Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Tgt Ion: 77 Resp: 440948

Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.8	53.8
65	13.9	11.2	16.8

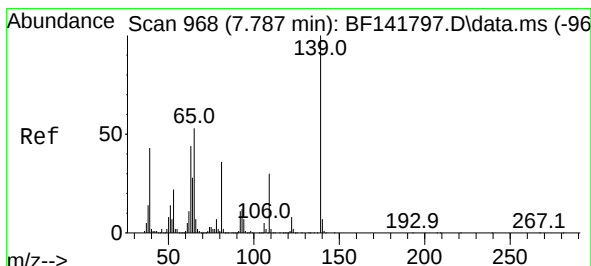
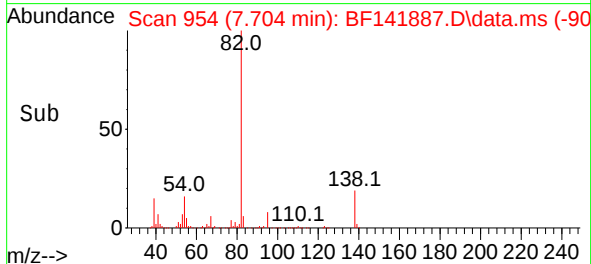
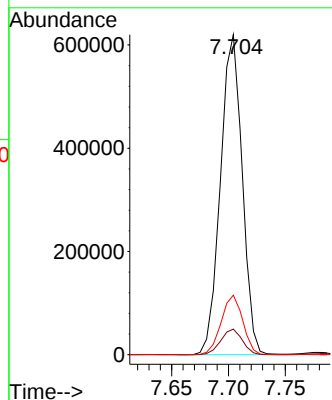
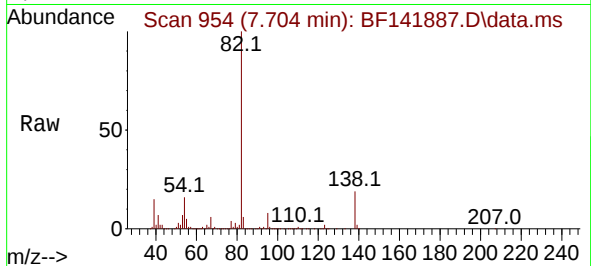




#25
Isophorone
Concen: 43.275 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

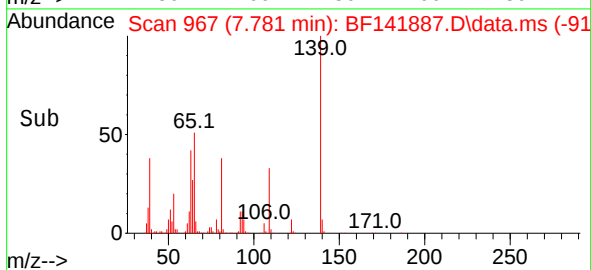
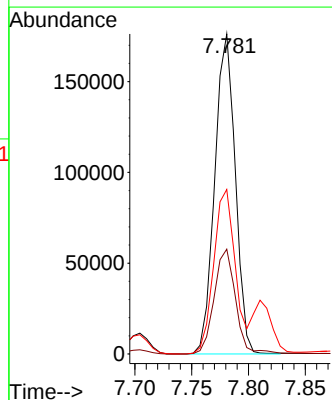
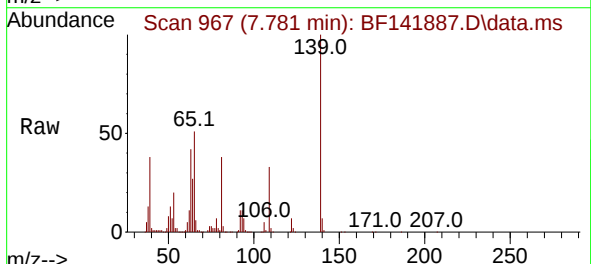
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

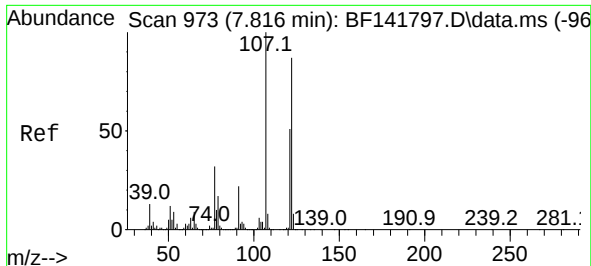
Tgt Ion: 82 Resp: 825864
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.8
138 18.6 14.0 21.0



#26
2-Nitrophenol
Concen: 51.787 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion:139 Resp: 221747
Ion Ratio Lower Upper
139 100
109 32.7 24.1 36.1
65 51.4 42.3 63.5

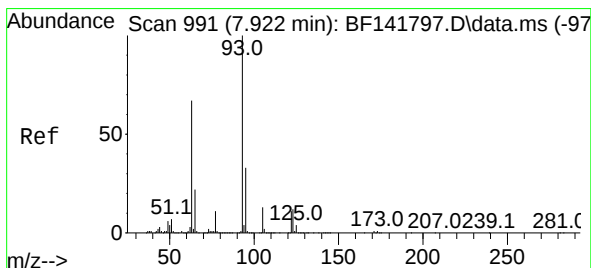
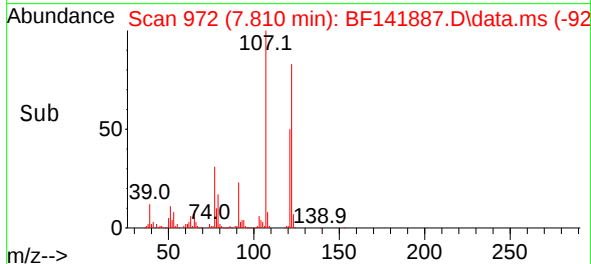
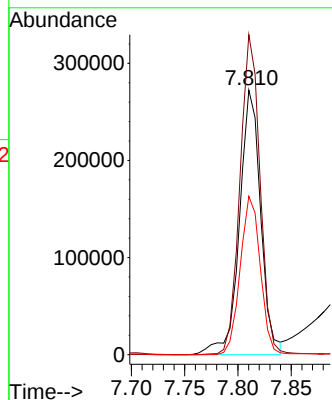
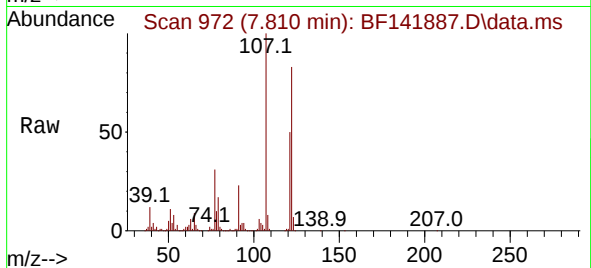




#27
2,4-Dimethylphenol
Concen: 53.928 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

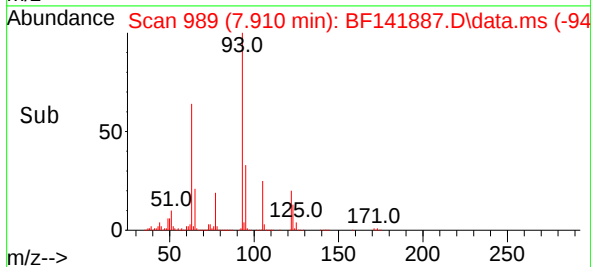
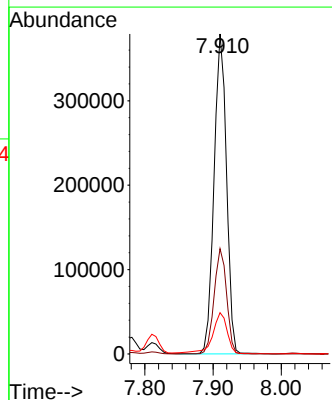
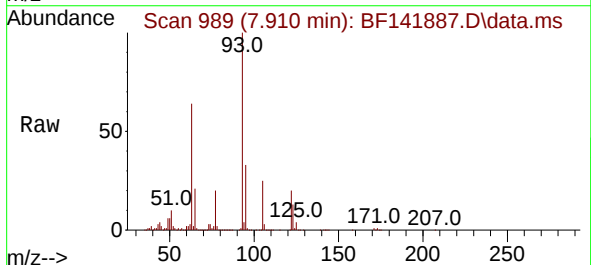
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

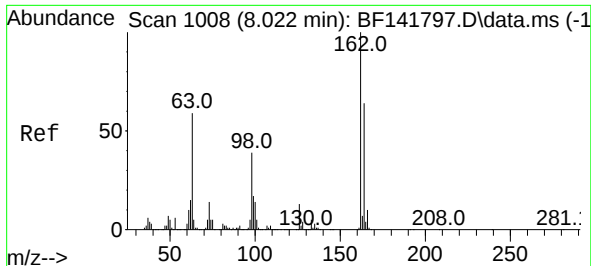
Tgt Ion:122 Resp: 378308
Ion Ratio Lower Upper
122 100
107 120.9 92.5 138.7
121 59.9 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.599 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion: 93 Resp: 482066
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 12.9 10.0 15.0

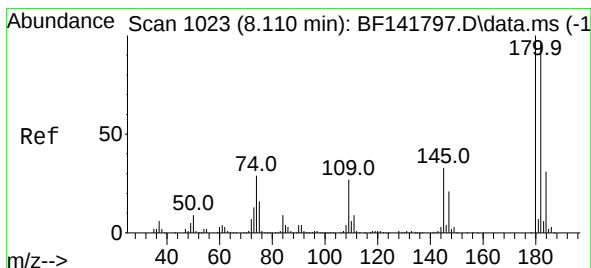
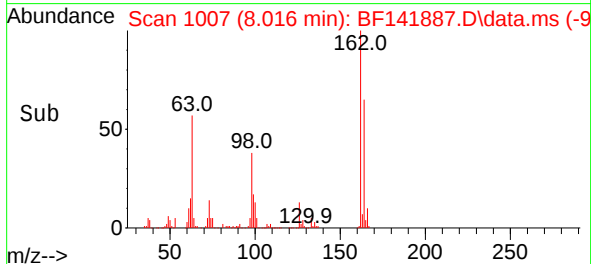
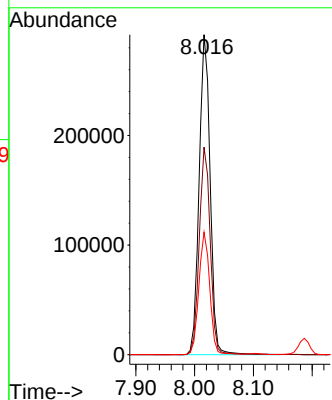
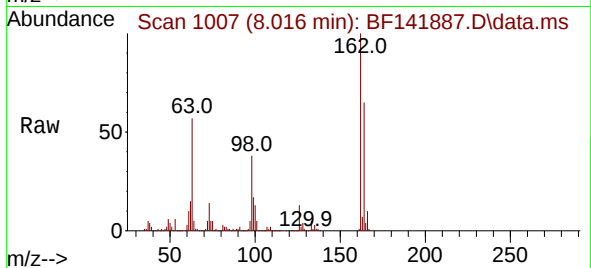




#29
2,4-Dichlorophenol
Concen: 46.908 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

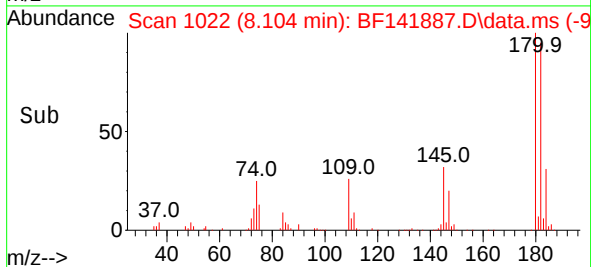
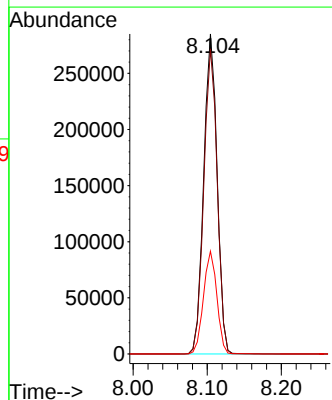
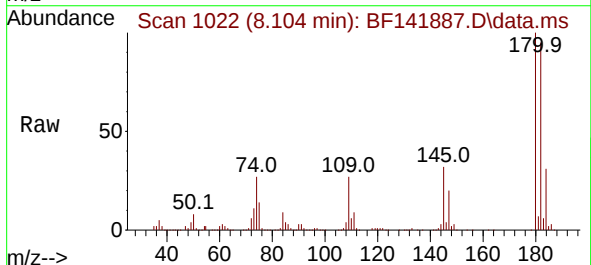
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

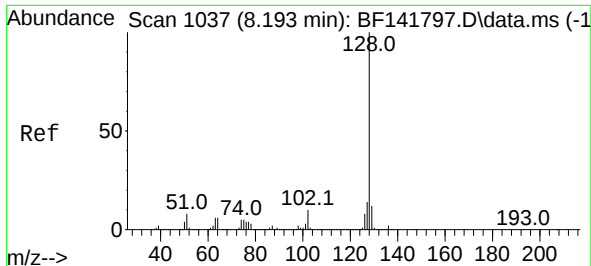
Tgt Ion:162 Resp: 379620
Ion Ratio Lower Upper
162 100
164 64.9 44.3 84.3
98 38.3 19.6 59.6



#30
1,2,4-Trichlorobenzene
Concen: 40.392 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion:180 Resp: 358200
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 32.1 26.4 39.6

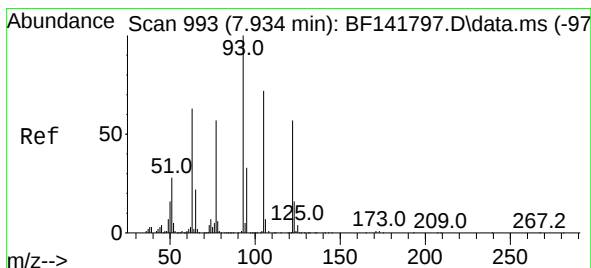
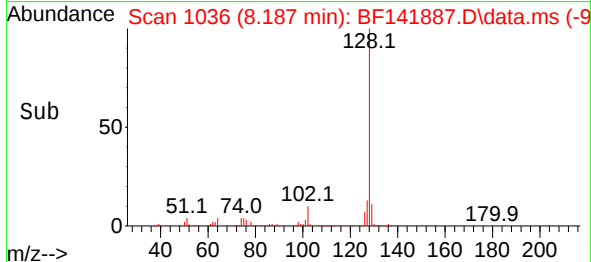
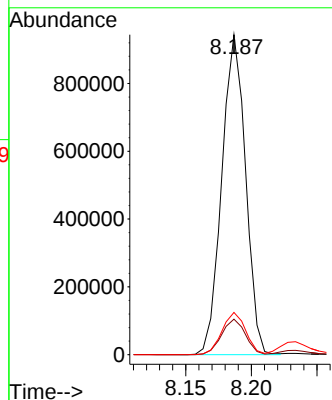
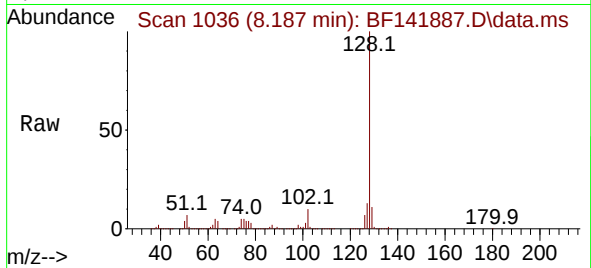




#31
Naphthalene
Concen: 40.801 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

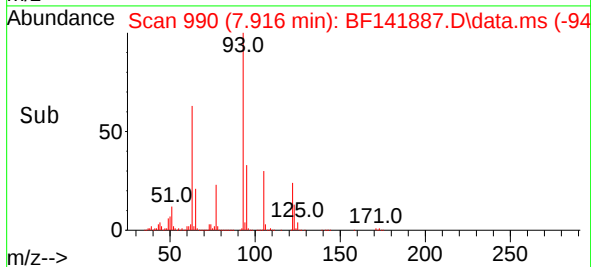
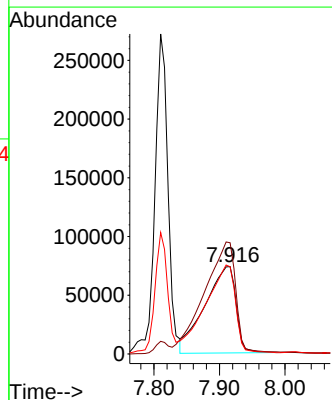
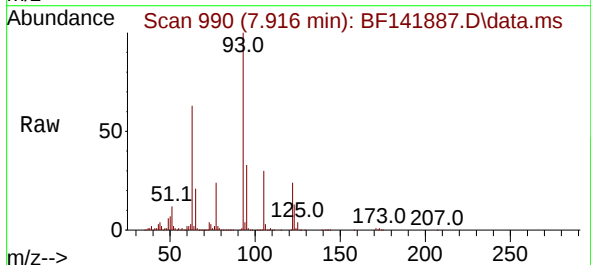
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

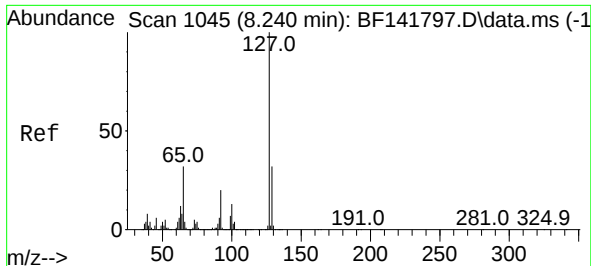
Tgt Ion:128 Resp: 1190686
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.2 11.0 16.4



#32
Benzoic acid
Concen: 42.551 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.018 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion:122 Resp: 243052
Ion Ratio Lower Upper
122 100
105 127.3 105.8 145.8
77 99.8 79.9 119.9





#33

4-Chloroaniline

Concen: 5.649 ng

RT: 8.234 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

Tgt Ion:127 Resp: 60449

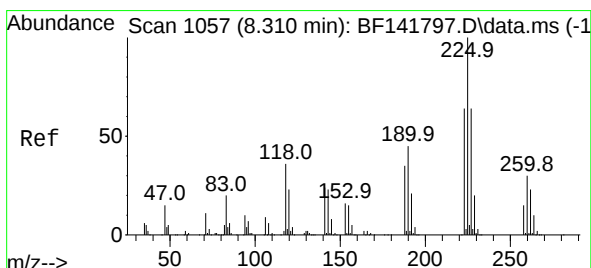
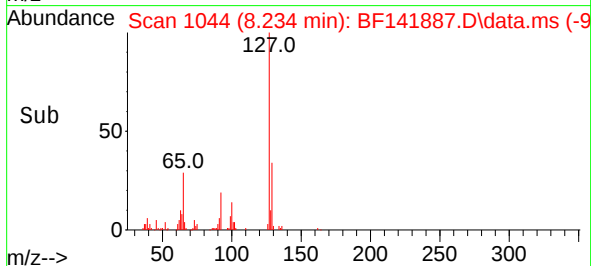
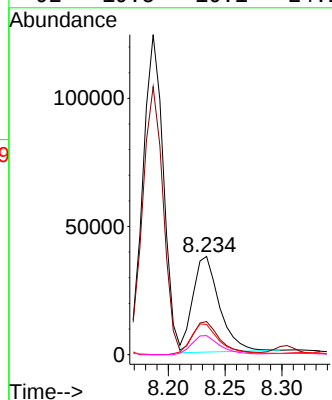
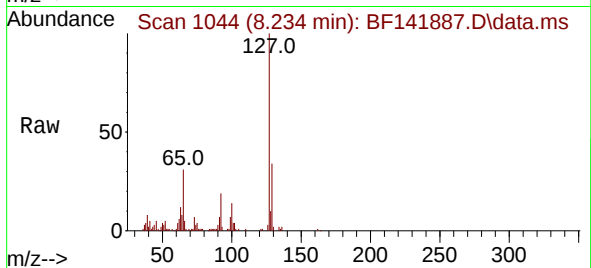
Ion Ratio Lower Upper

127 100

129 33.8 26.1 39.1

65 30.8 25.7 38.5

92 19.5 16.1 24.1



#34

Hexachlorobutadiene

Concen: 40.510 ng

RT: 8.304 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

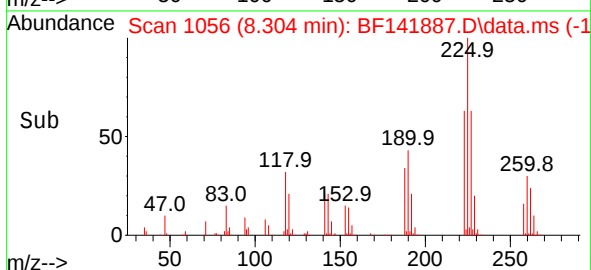
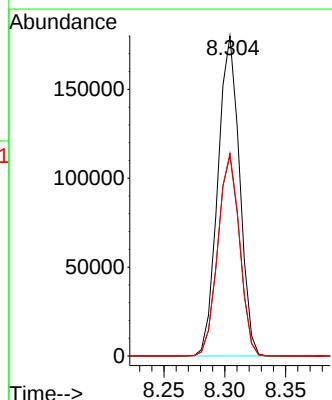
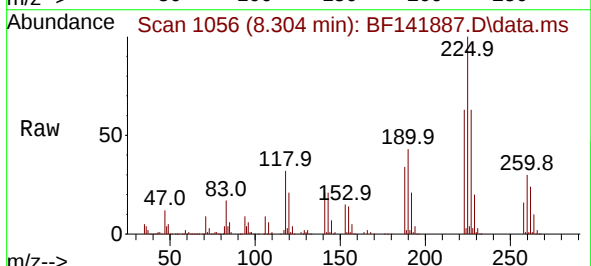
Tgt Ion:225 Resp: 223239

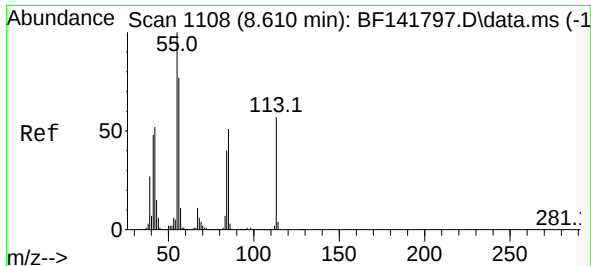
Ion Ratio Lower Upper

225 100

223 62.6 51.4 77.2

227 63.4 51.6 77.4





#35

Caprolactam

Concen: 16.527 ng

RT: 8.640 min Scan# 1113

Delta R.T. 0.029 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

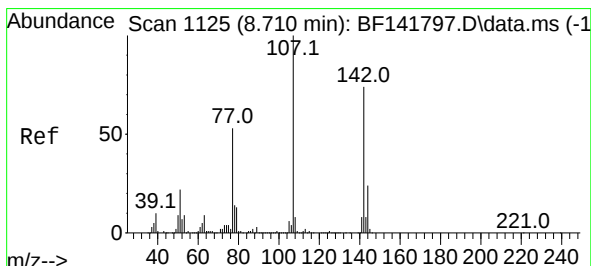
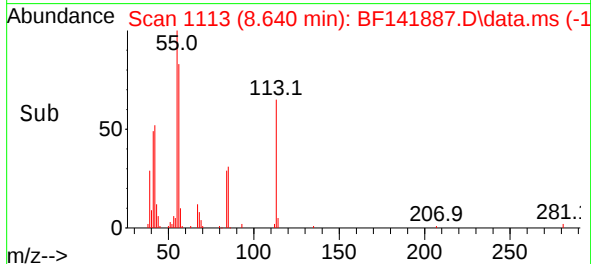
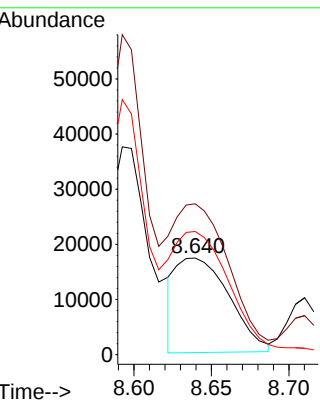
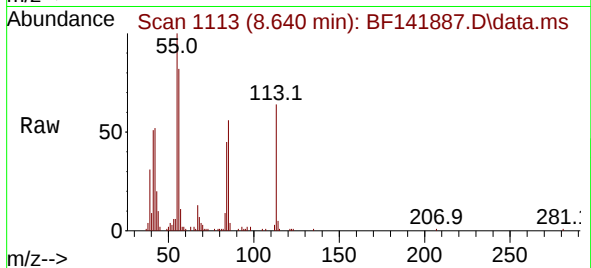
Tgt Ion:113 Resp: 41147

Ion Ratio Lower Upper

113 100

55 156.1 155.6 195.6

56 127.4 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 48.315 ng

RT: 8.710 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

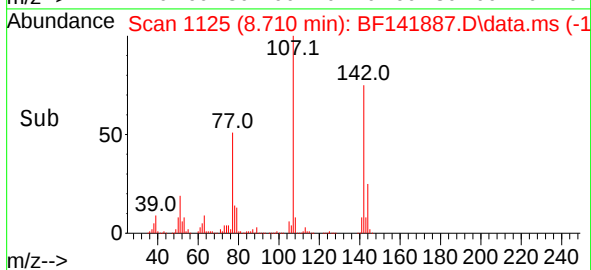
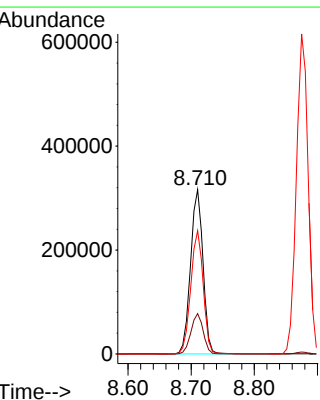
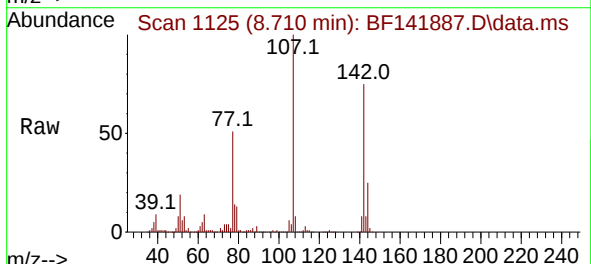
Tgt Ion:107 Resp: 434357

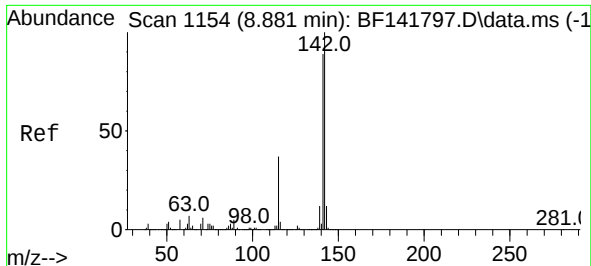
Ion Ratio Lower Upper

107 100

144 24.6 19.4 29.0

142 74.9 59.4 89.0

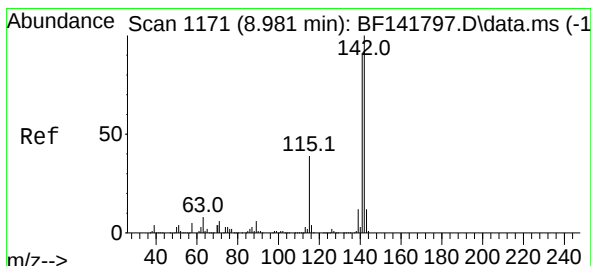
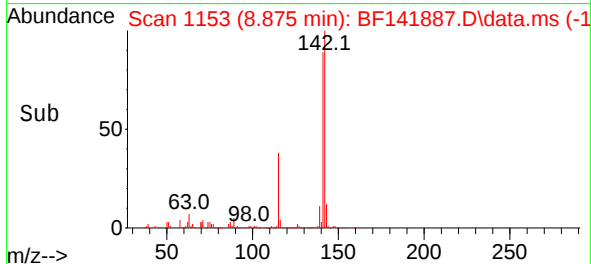
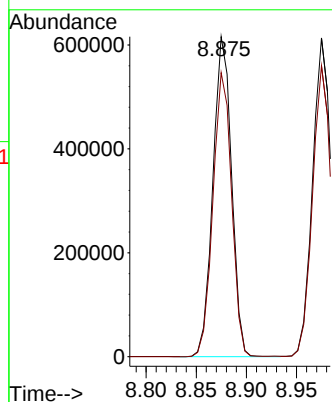
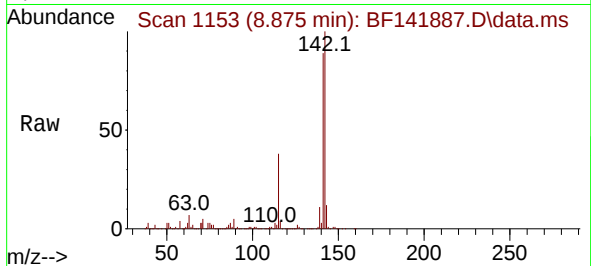




#37
2-Methylnaphthalene
Concen: 41.576 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

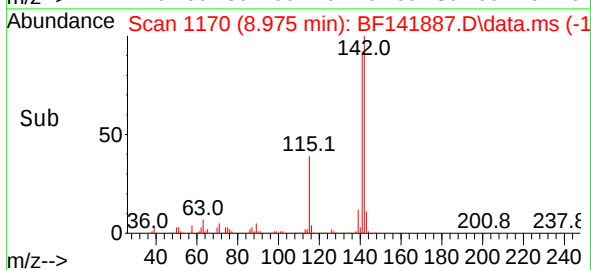
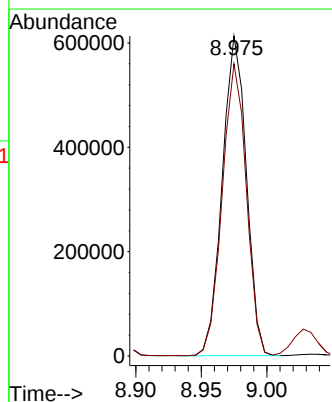
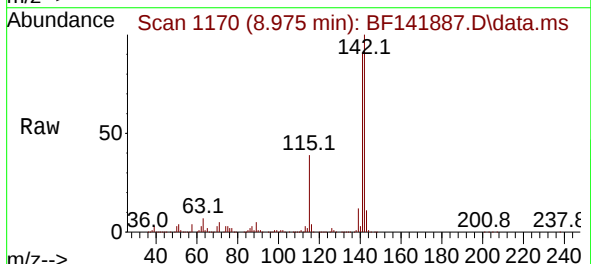
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

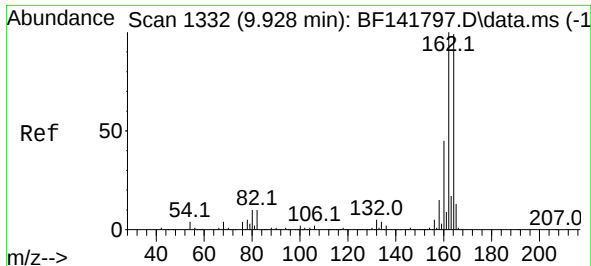
Tgt Ion:142 Resp: 795823
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#38
1-Methylnaphthalene
Concen: 42.552 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion:142 Resp: 781539
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

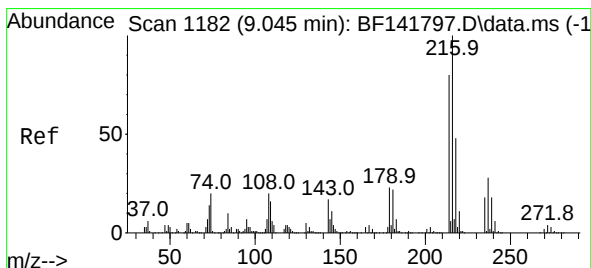
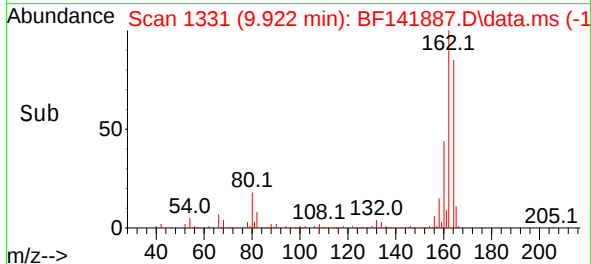
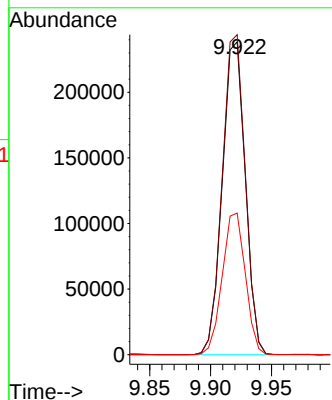
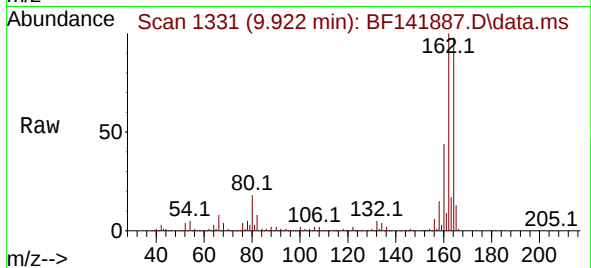
Tgt Ion:164 Resp: 313240

Ion Ratio Lower Upper

164 100

162 102.3 80.6 120.8

160 45.3 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.980 ng

RT: 9.040 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Tgt Ion:216 Resp: 452153

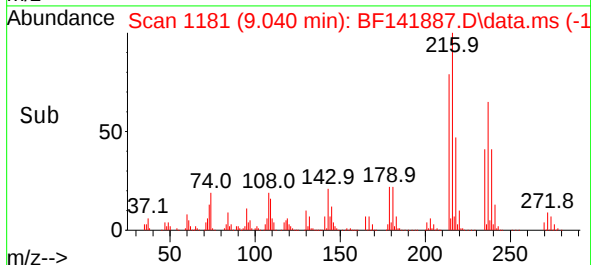
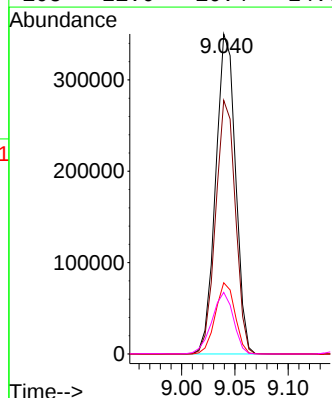
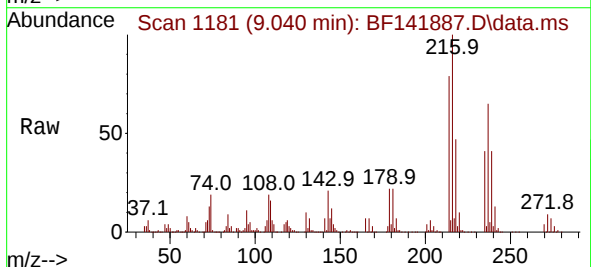
Ion Ratio Lower Upper

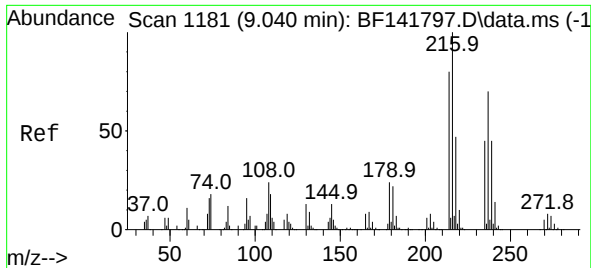
216 100

214 78.9 63.5 95.3

179 22.1 18.1 27.1

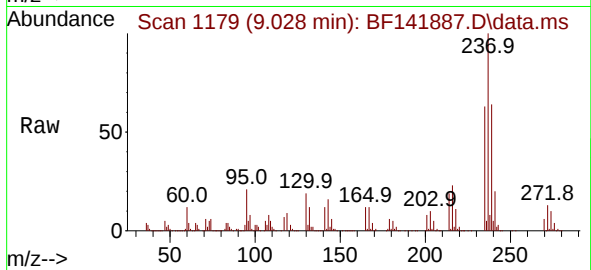
108 21.0 16.4 24.6



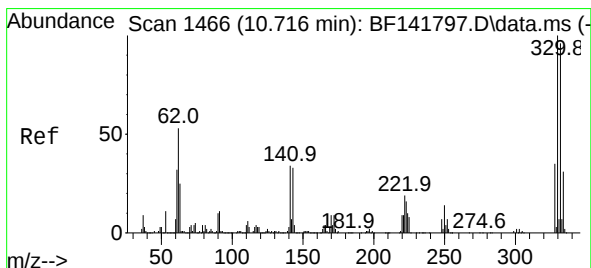
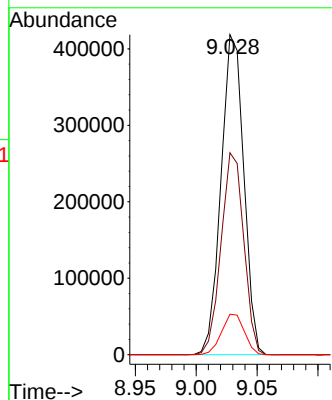
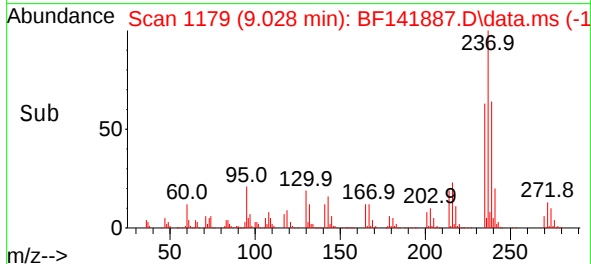


#41
Hexachlorocyclopentadiene
Concen: 144.048 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

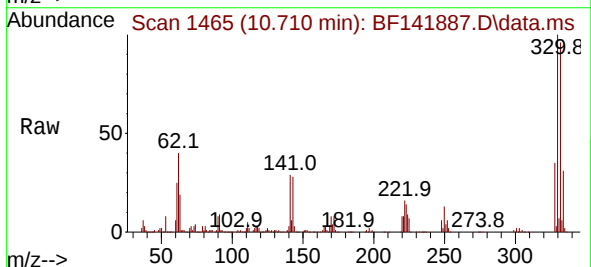
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS



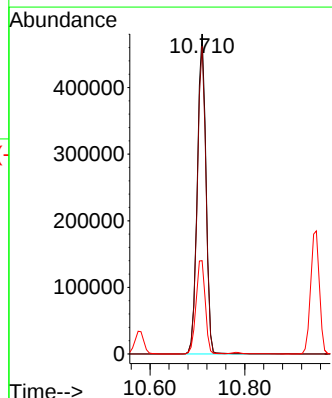
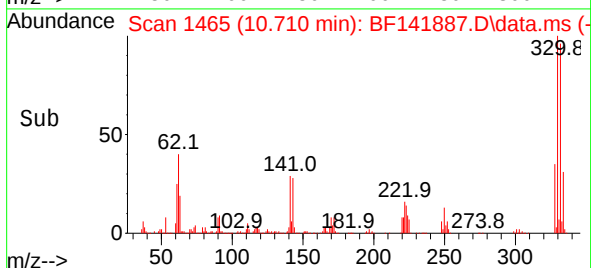
Tgt Ion:237 Resp: 543845
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 12.7 0.0 31.9

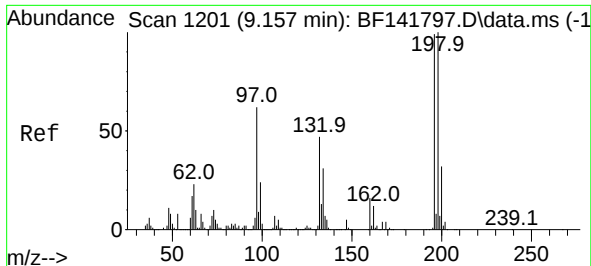


#42
2,4,6-Tribromophenol
Concen: 207.395 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29



Tgt Ion:330 Resp: 609898
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 31.1 29.0 43.4





#43

2,4,6-Trichlorophenol

Concen: 49.449 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

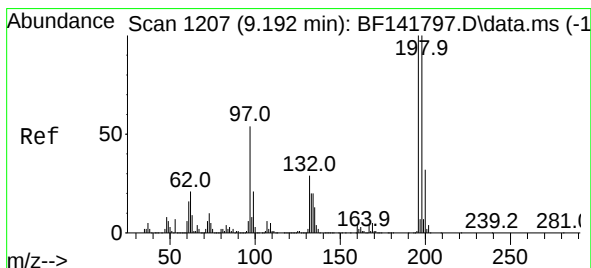
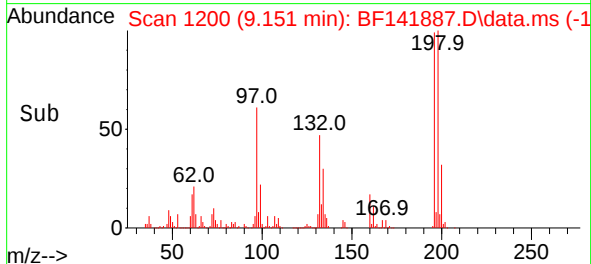
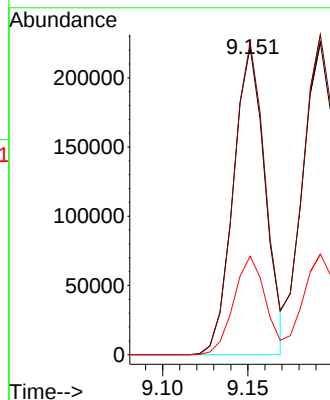
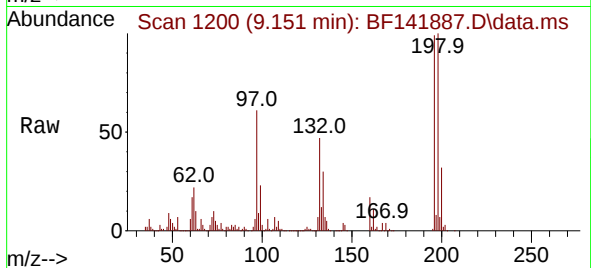
Tgt Ion:196 Resp: 288971

Ion Ratio Lower Upper

196 100

198 101.5 80.4 120.6

200 32.0 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 53.090 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Tgt Ion:196 Resp: 307214

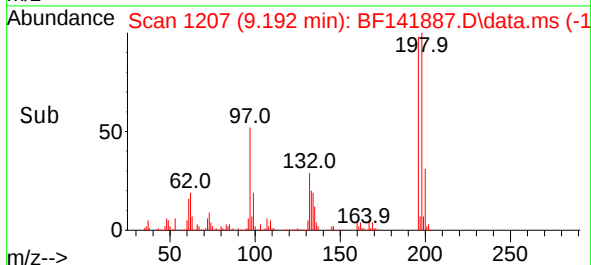
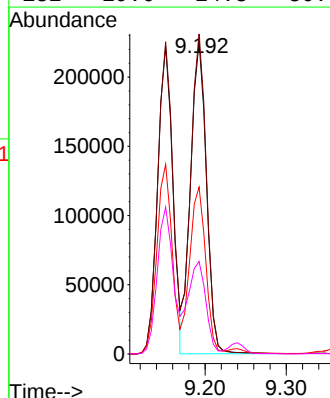
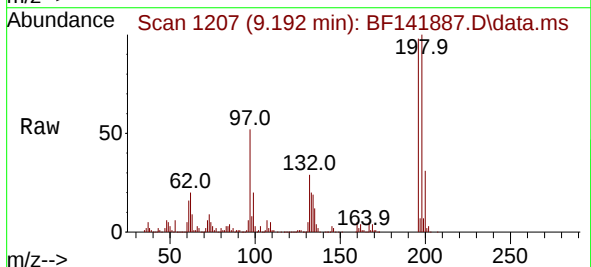
Ion Ratio Lower Upper

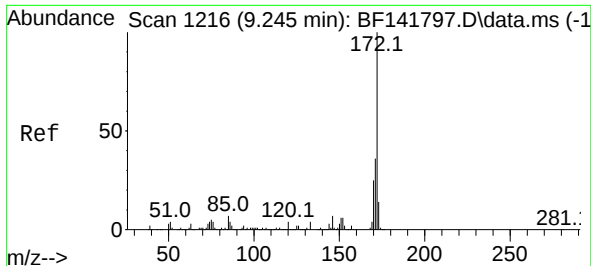
196 100

198 102.5 79.7 119.5

97 53.4 44.2 66.2

132 29.6 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 101.976 ng

RT: 9.239 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

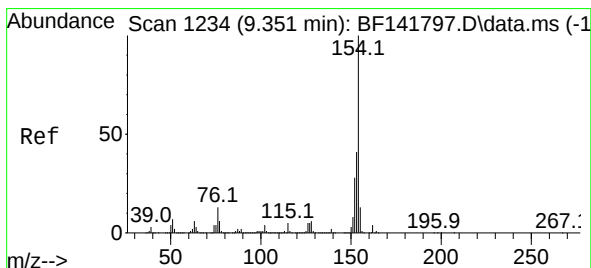
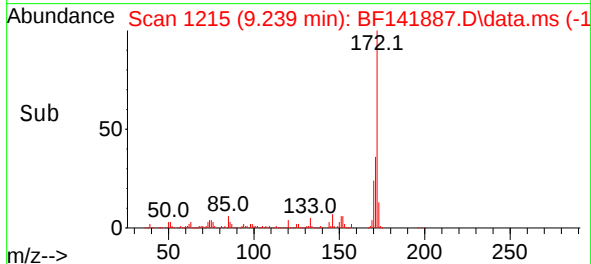
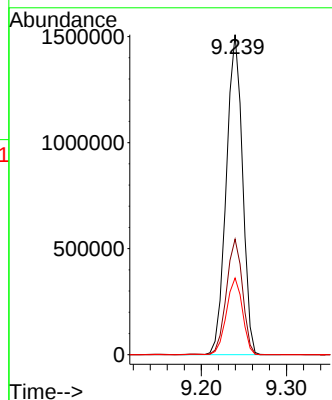
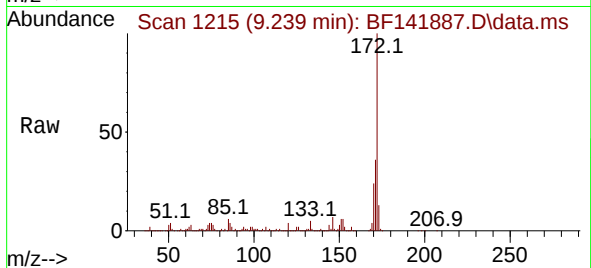
Tgt Ion:172 Resp: 1992152

Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

170 24.0 19.7 29.5



#46

1,1'-Biphenyl

Concen: 49.444 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

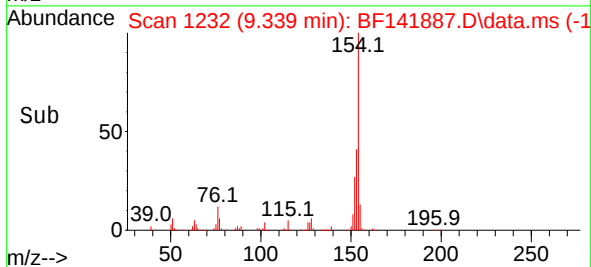
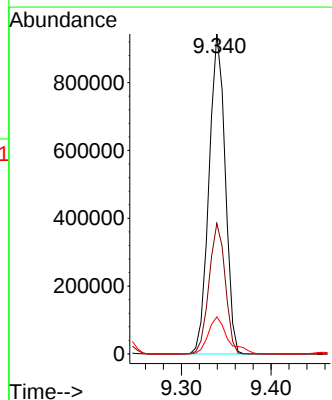
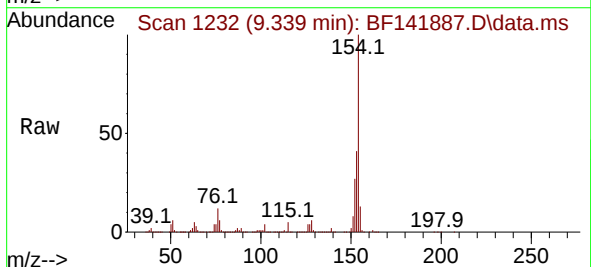
Tgt Ion:154 Resp: 1178867

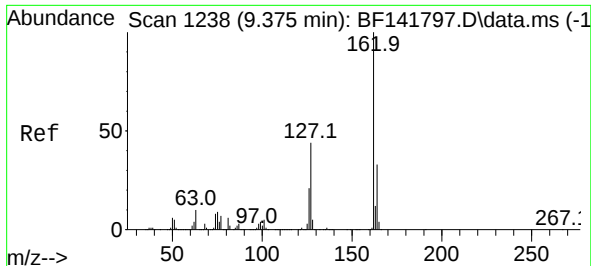
Ion Ratio Lower Upper

154 100

153 40.8 21.4 61.4

76 11.6 0.0 33.4

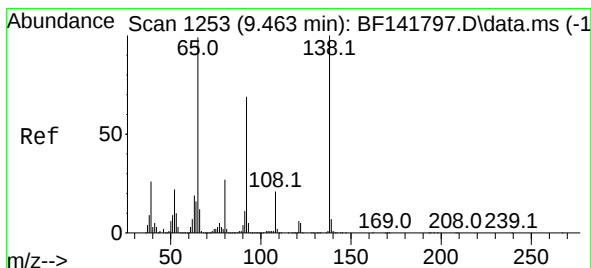
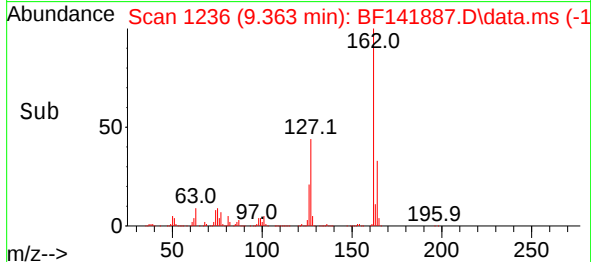
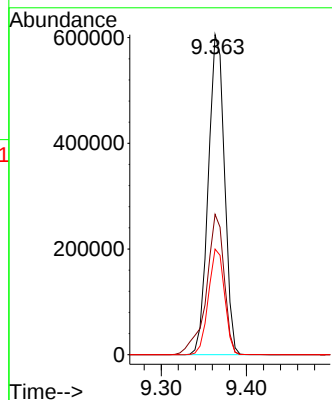
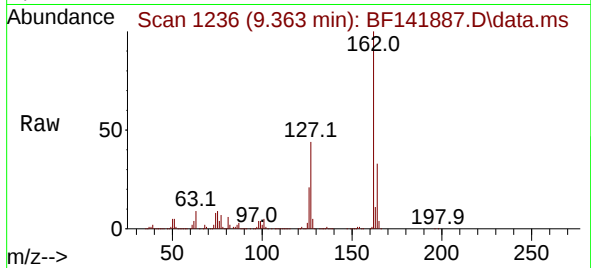




#47
2-Chloronaphthalene
Concen: 45.428 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

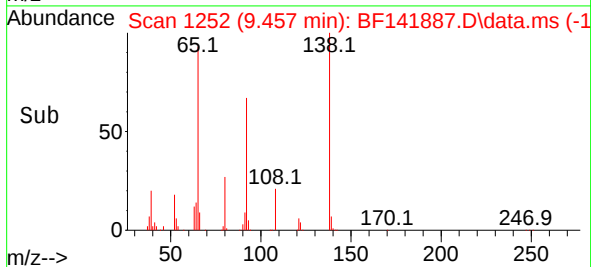
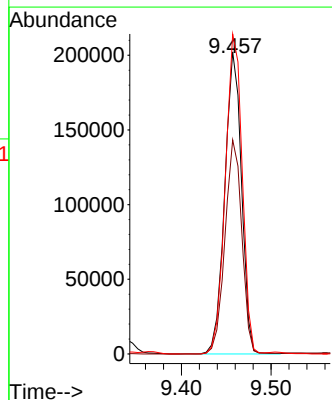
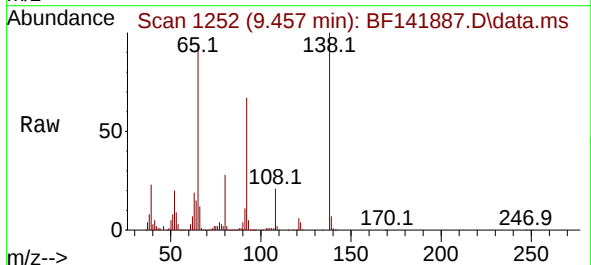
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

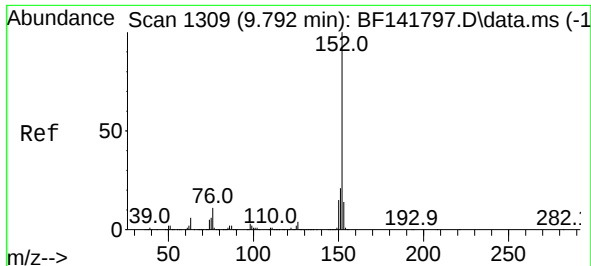
Tgt Ion:162 Resp: 799418
Ion Ratio Lower Upper
162 100
127 43.9 35.0 52.6
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 53.866 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion: 65 Resp: 262276
Ion Ratio Lower Upper
65 100
92 70.9 55.7 83.5
138 105.9 80.6 121.0





#49

Acenaphthylene

Concen: 48.647 ng

RT: 9.781 min Scan# 1309

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

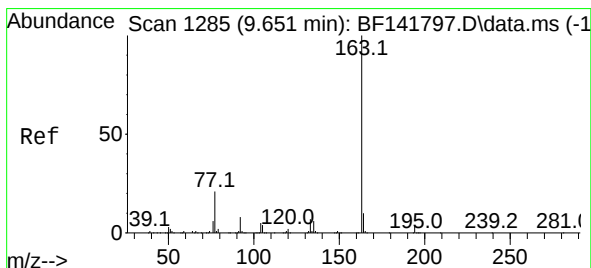
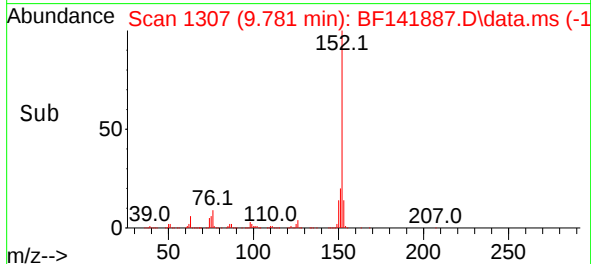
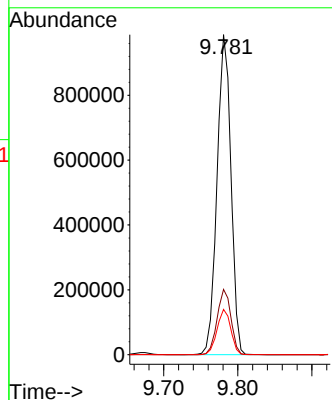
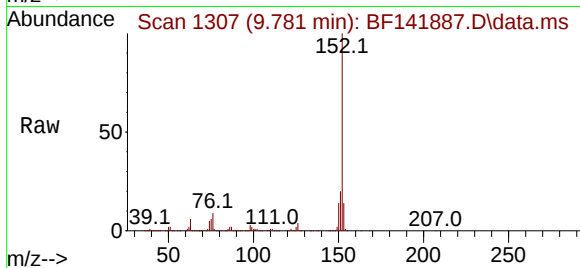
Tgt Ion:152 Resp: 1283508

Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

153 14.1 11.2 16.8



#50

Dimethylphthalate

Concen: 48.612 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

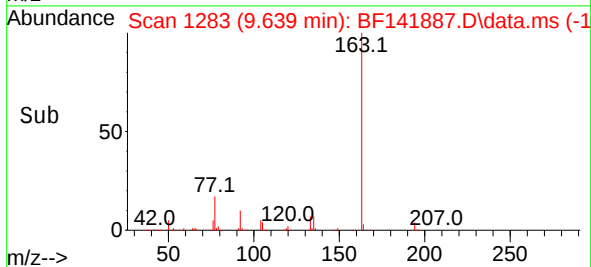
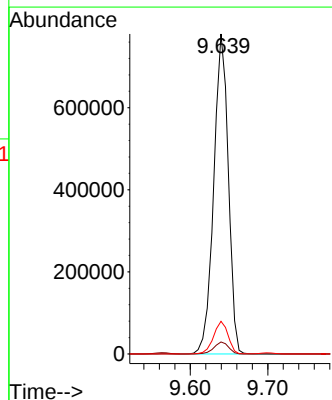
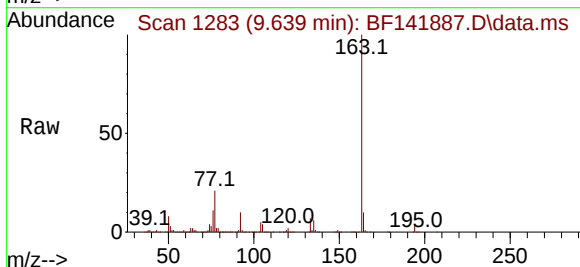
Tgt Ion:163 Resp: 1019741

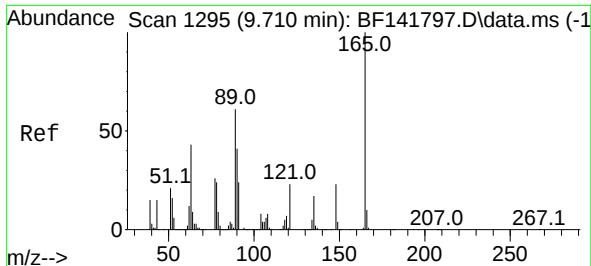
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.2 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 54.763 ng

RT: 9.698 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

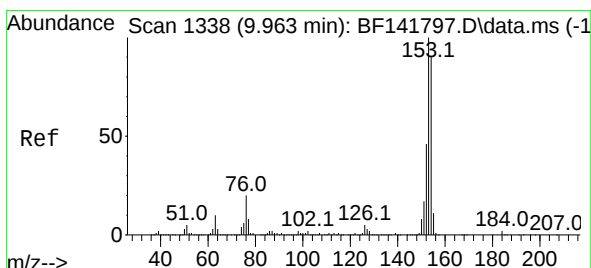
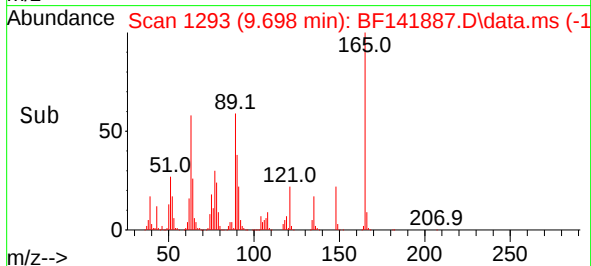
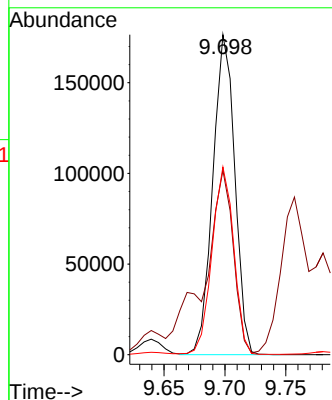
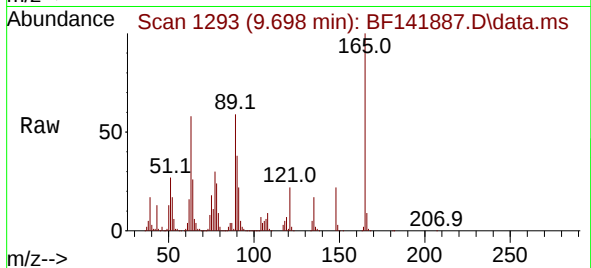
Tgt Ion:165 Resp: 221458

Ion Ratio Lower Upper

165 100

63 57.6 49.5 74.3

89 58.7 49.0 73.4



#52

Acenaphthene

Concen: 54.103 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

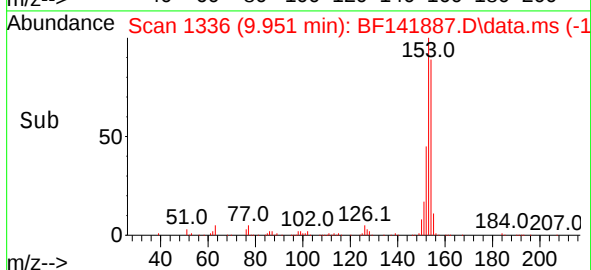
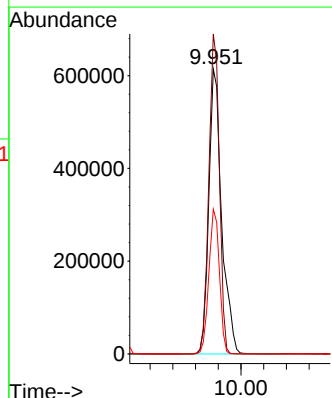
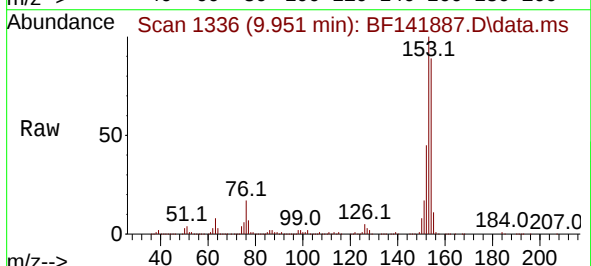
Tgt Ion:154 Resp: 963187

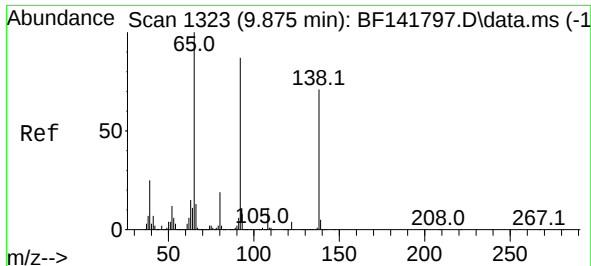
Ion Ratio Lower Upper

154 100

153 112.3 88.7 133.1

152 50.8 40.9 61.3





#53

3-Nitroaniline

Concen: 19.074 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

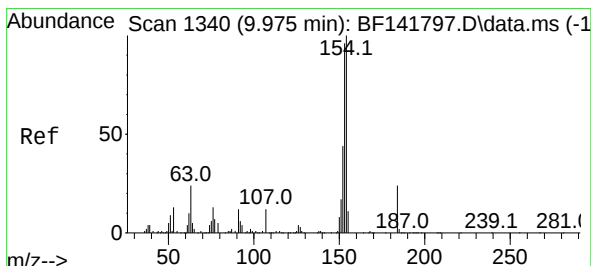
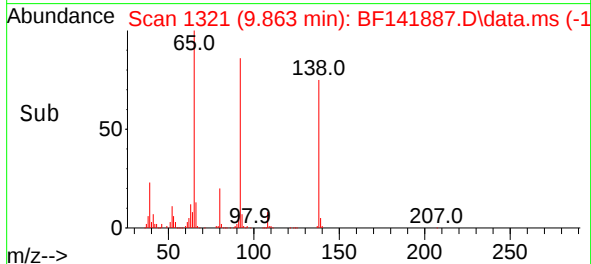
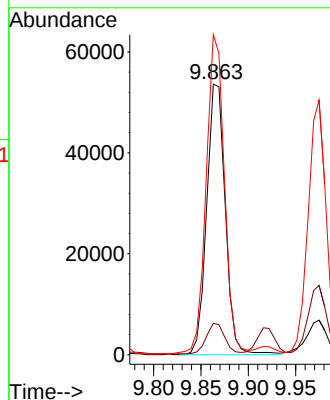
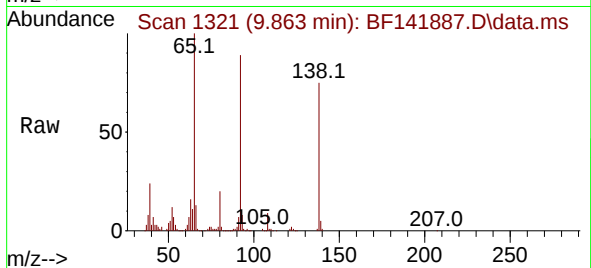
Tgt Ion:138 Resp: 73385

Ion Ratio Lower Upper

138 100

108 11.6 12.7 19.1#

92 118.3 97.9 146.9



#54

2,4-Dinitrophenol

Concen: 121.668 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

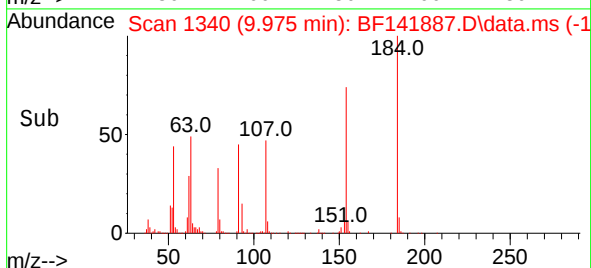
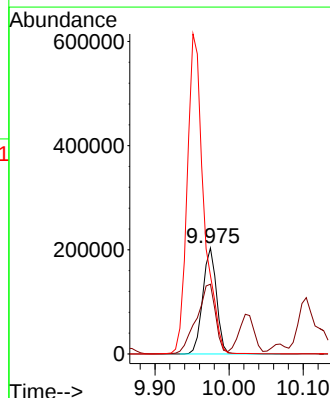
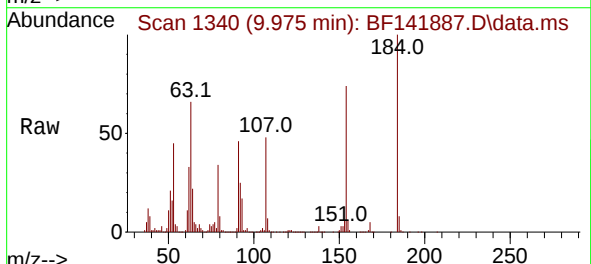
Tgt Ion:184 Resp: 264098

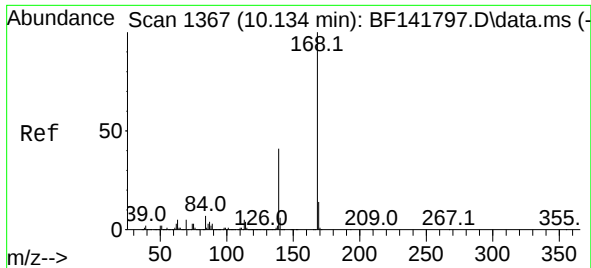
Ion Ratio Lower Upper

184 100

63 65.9 79.0 118.6#

154 74.0 335.8 503.8#

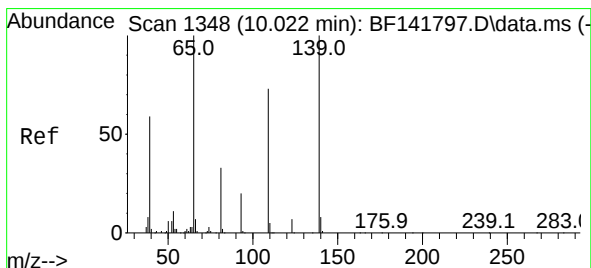
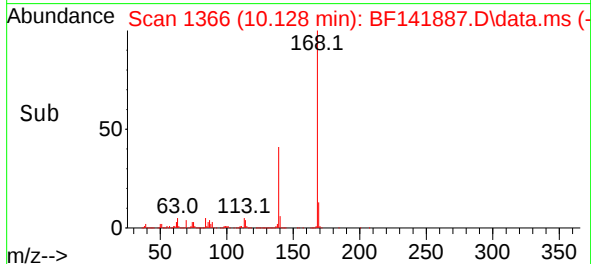
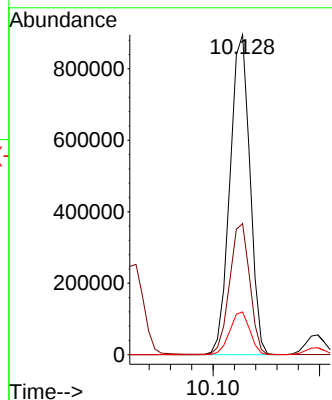
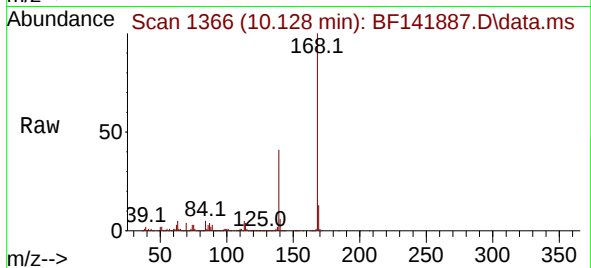




#55
Dibenzenofuran
Concen: 44.957 ng
RT: 10.128 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

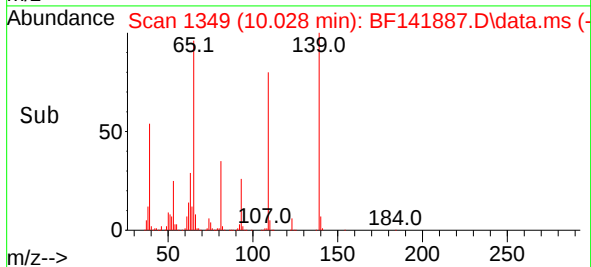
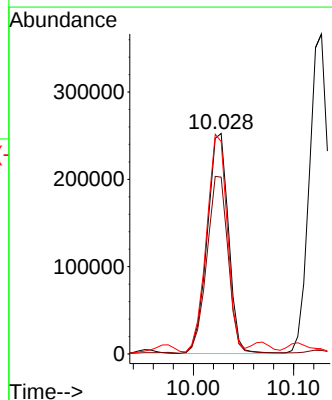
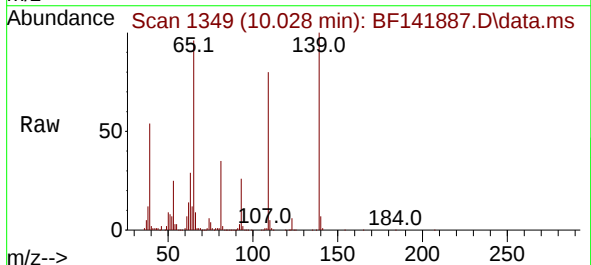
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

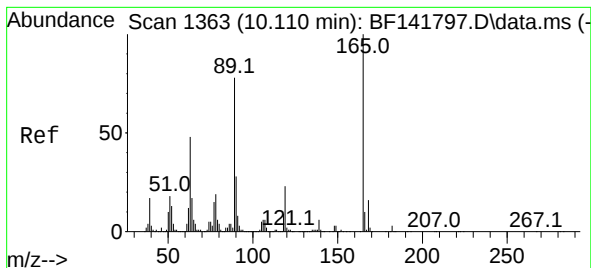
Tgt Ion:168 Resp: 1164925
Ion Ratio Lower Upper
168 100
139 40.9 32.9 49.3
169 13.3 11.1 16.7



#56
4-Nitrophenol
Concen: 119.989 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion:139 Resp: 371749
Ion Ratio Lower Upper
139 100
109 80.2 53.4 93.4
65 96.4 82.1 122.1





#57

2,4-Dinitrotoluene

Concen: 61.563 ng

RT: 10.104 min Scan# 1418

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

Tgt Ion:165 Resp: 307024

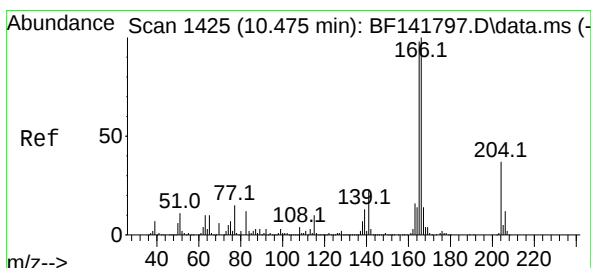
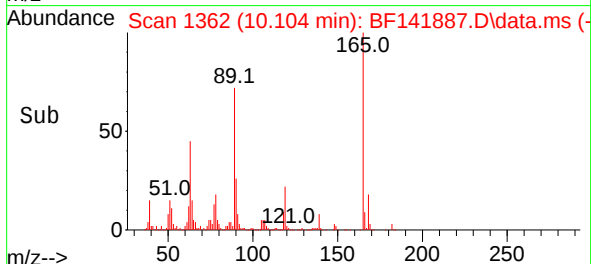
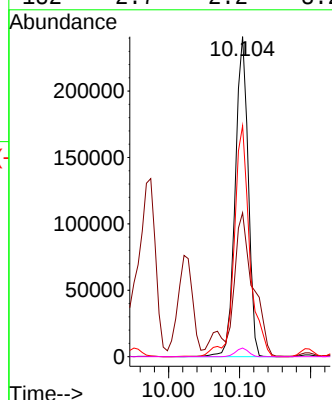
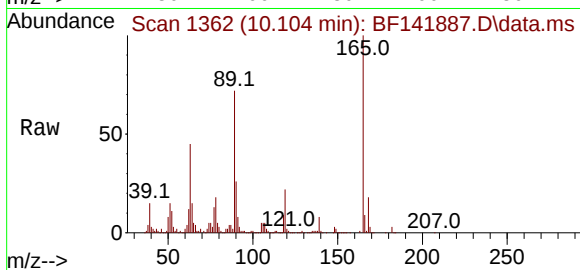
Ion Ratio Lower Upper

165 100

63 44.9 38.8 58.2

89 72.2 62.6 94.0

182 2.7 2.2 3.2



#58

Fluorene

Concen: 48.058 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

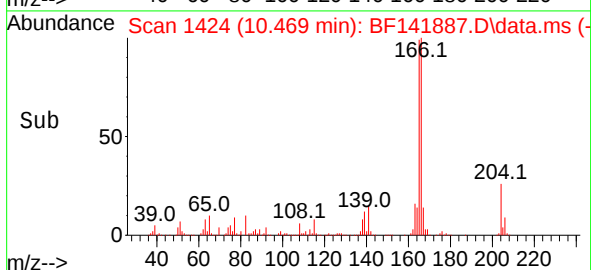
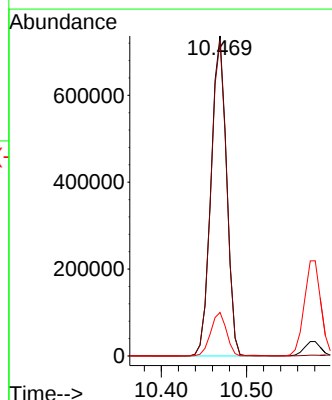
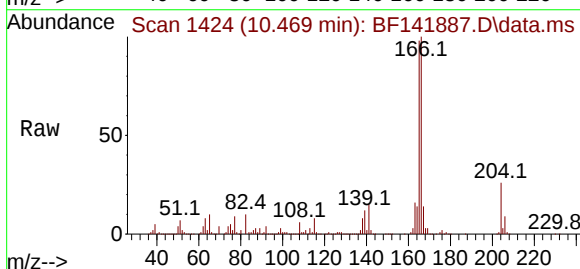
Tgt Ion:166 Resp: 932790

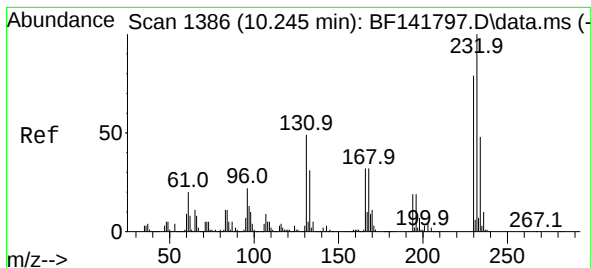
Ion Ratio Lower Upper

166 100

165 98.4 78.6 117.8

167 13.6 11.0 16.4

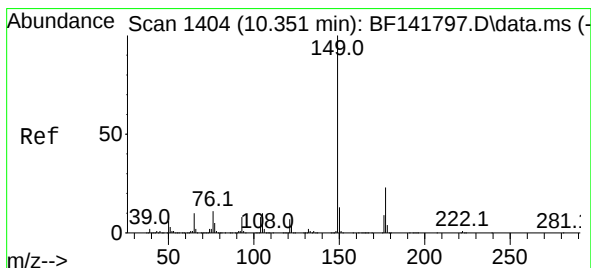
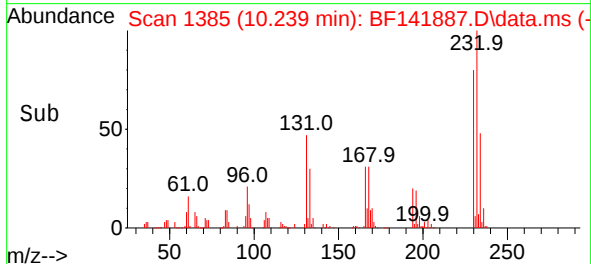
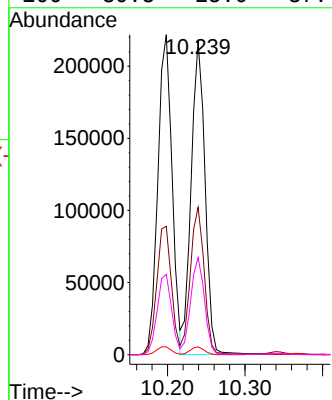
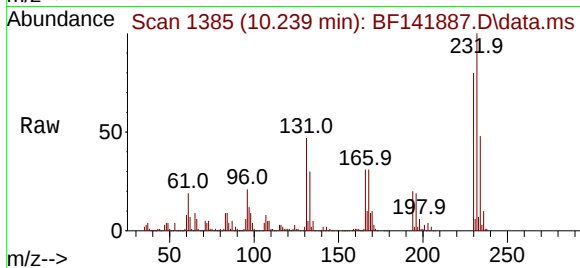




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.698 ng
RT: 10.239 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

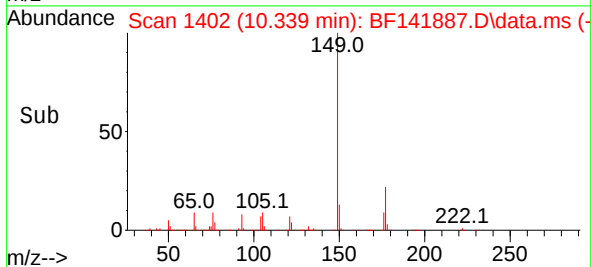
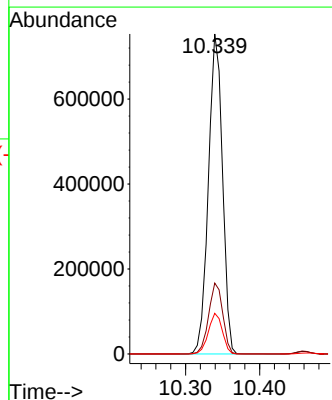
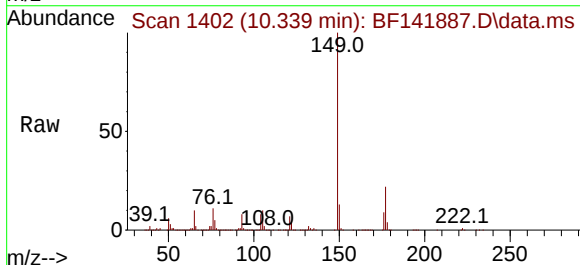
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

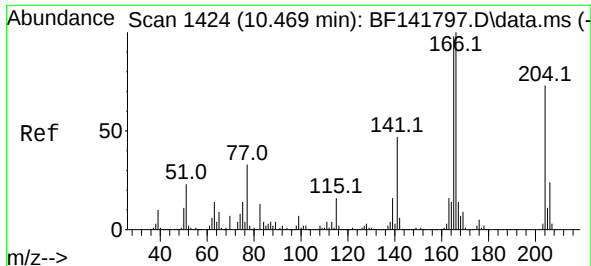
Tgt Ion:232 Resp: 270250
Ion Ratio Lower Upper
232 100
131 47.0 37.8 56.8
130 2.5 2.0 3.0
166 30.8 25.0 37.4



#60
Diethylphthalate
Concen: 47.175 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion:149 Resp: 992053
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.7 10.3 15.5





#61

4-Chlorophenyl-phenylether

Concen: 48.049 ng

RT: 10.457 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

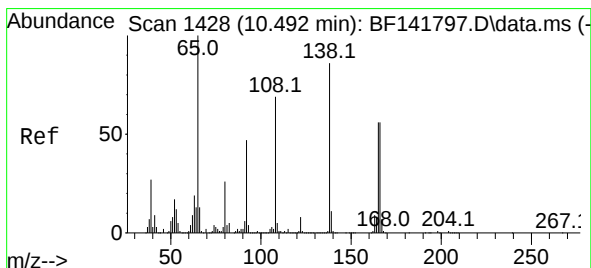
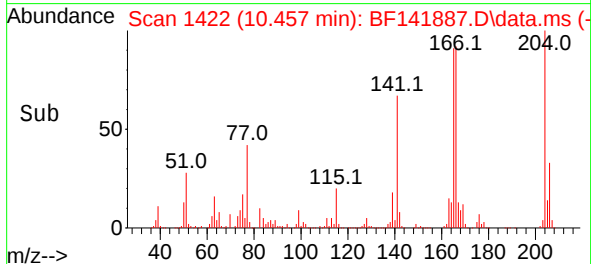
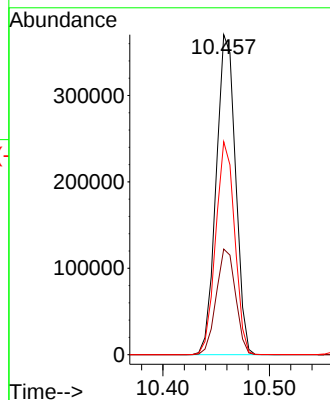
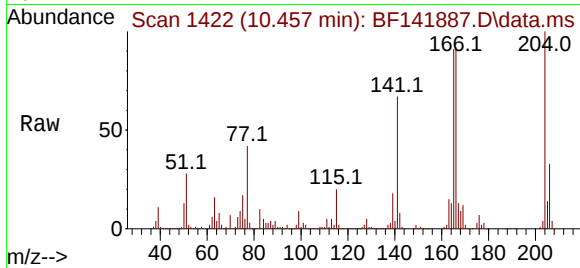
Tgt Ion:204 Resp: 467270

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.4

141 66.5 51.7 77.5



#62

4-Nitroaniline

Concen: 61.060 ng

RT: 10.481 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

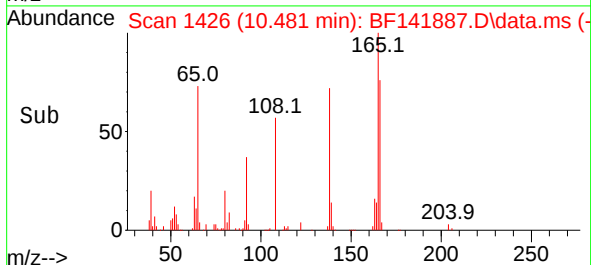
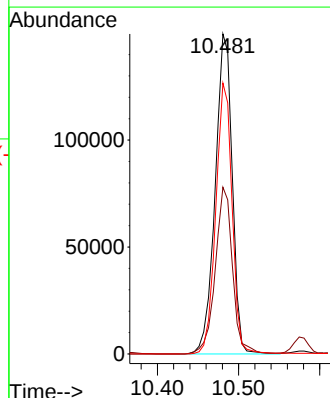
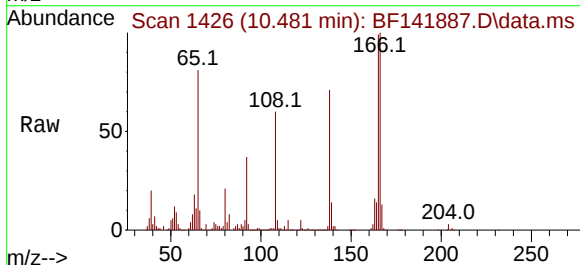
Tgt Ion:138 Resp: 218738

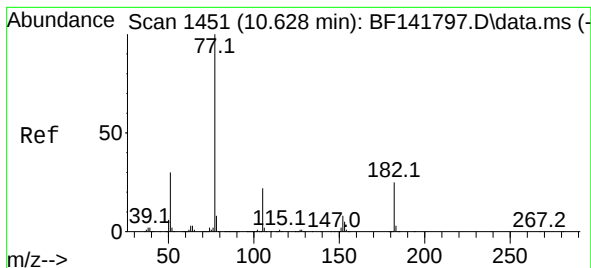
Ion Ratio Lower Upper

138 100

92 52.1 34.9 74.9

108 84.7 59.6 99.6





#63

Azobenzene

Concen: 41.379 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

Tgt Ion: 77 Resp: 916211

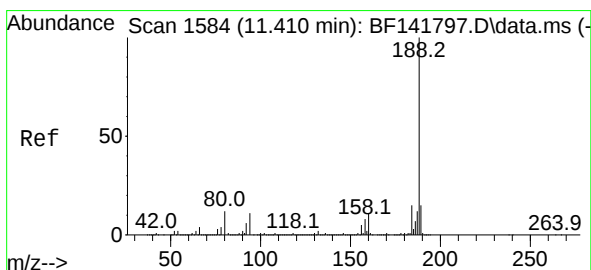
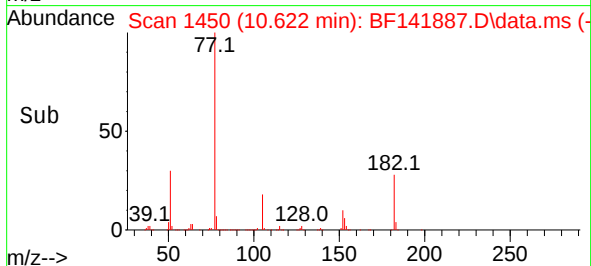
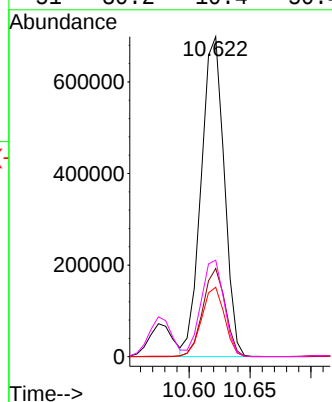
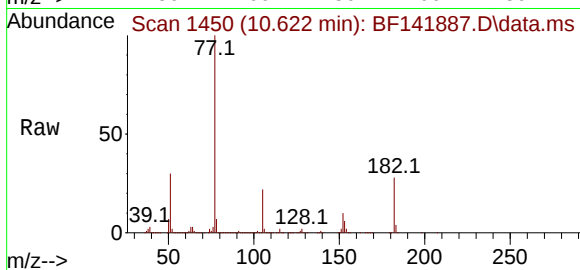
Ion Ratio Lower Upper

77 100

182 27.5 4.2 44.2

105 21.7 1.5 41.5

51 30.2 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

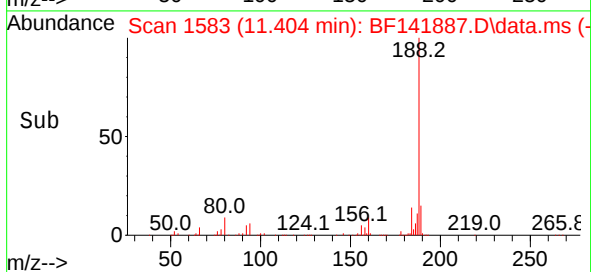
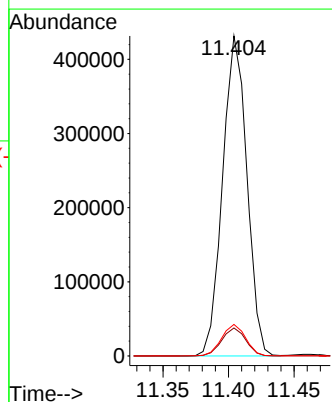
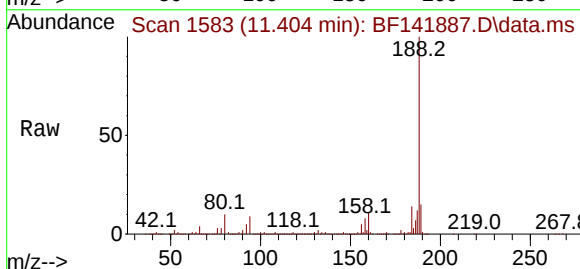
Tgt Ion: 188 Resp: 556123

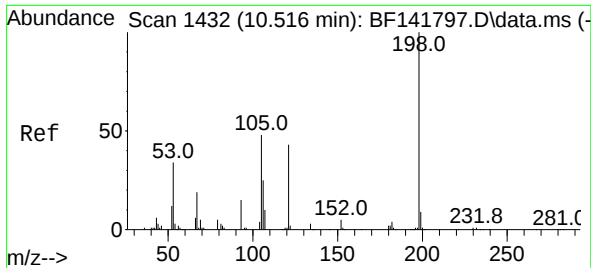
Ion Ratio Lower Upper

188 100

94 8.7 8.9 13.3#

80 9.8 9.7 14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 62.051 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

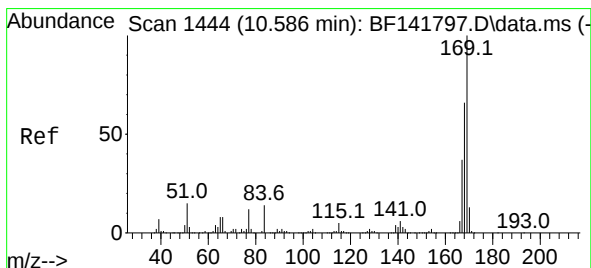
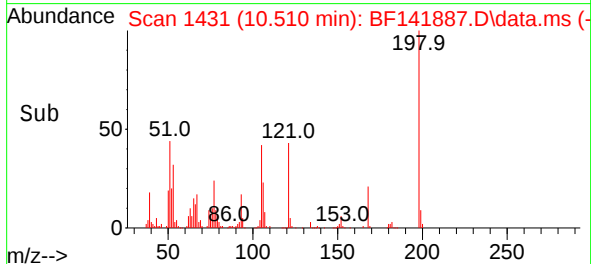
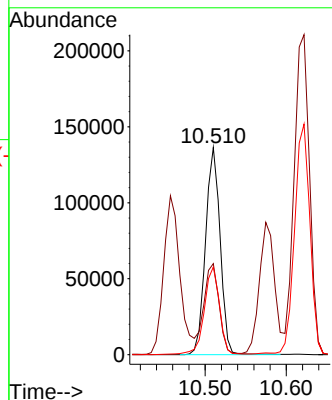
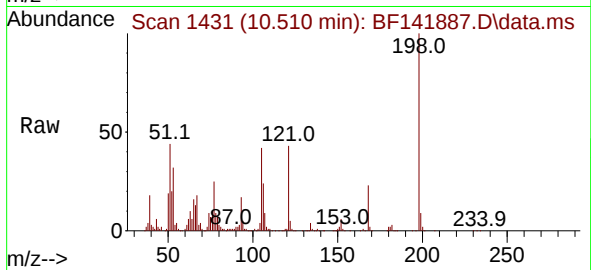
Tgt Ion:198 Resp: 170000

Ion Ratio Lower Upper

198 100

51 44.0 32.1 72.1

105 42.3 28.5 68.5



#66

n-Nitrosodiphenylamine

Concen: 44.262 ng

RT: 10.575 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

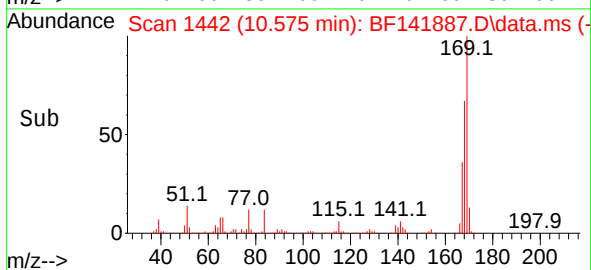
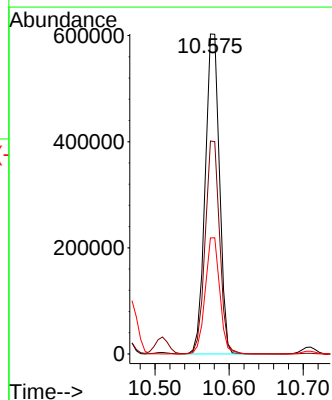
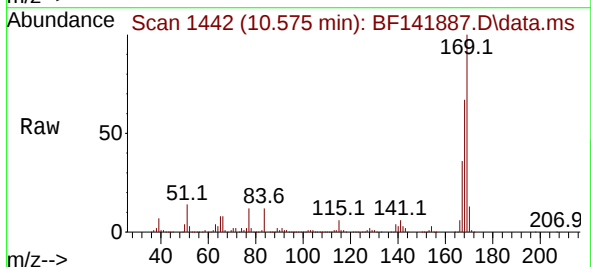
Tgt Ion:169 Resp: 808274

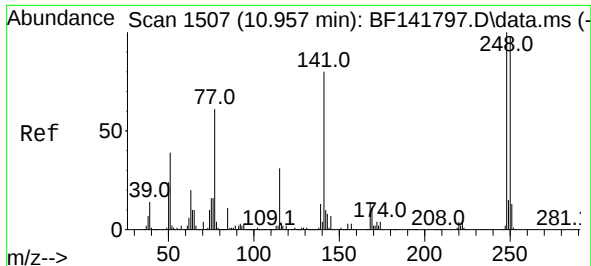
Ion Ratio Lower Upper

169 100

168 66.6 53.0 79.6

167 36.3 29.3 43.9





#67

4-Bromophenyl-phenylether

Concen: 46.376 ng

RT: 10.951 min Scan# 1506

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

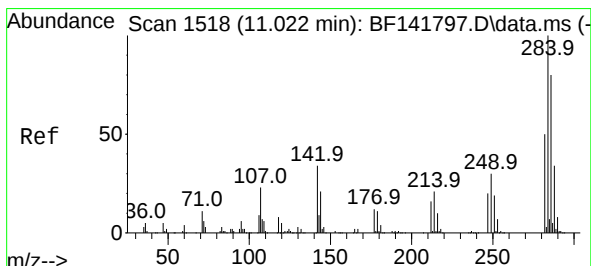
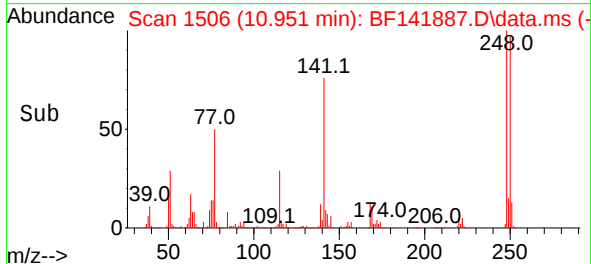
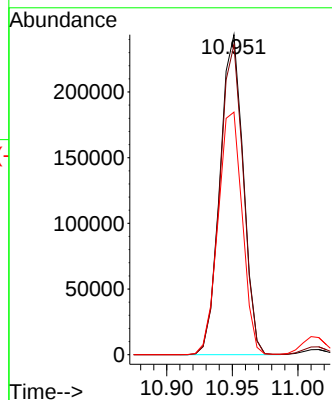
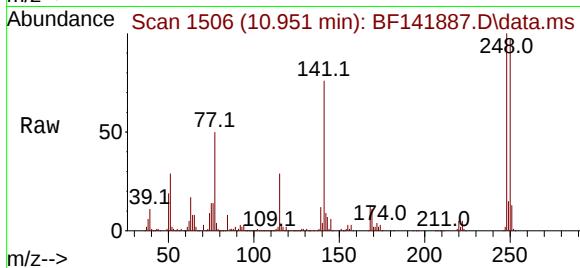
Tgt Ion:248 Resp: 301247

Ion Ratio Lower Upper

248 100

250 96.9 78.1 117.1

141 75.8 64.3 96.5



#68

Hexachlorobenzene

Concen: 50.262 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

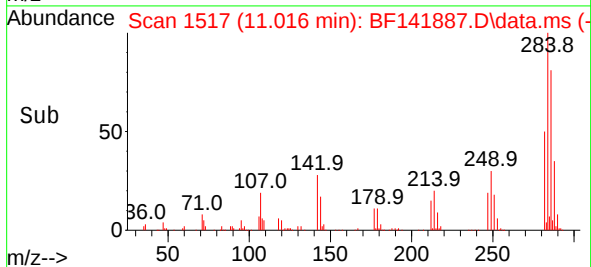
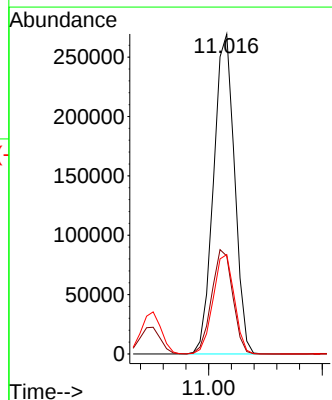
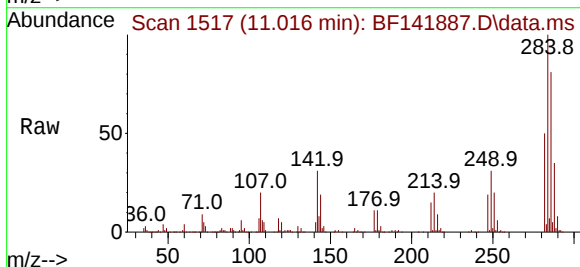
Tgt Ion:284 Resp: 344761

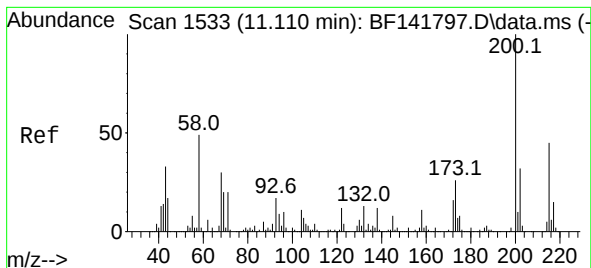
Ion Ratio Lower Upper

284 100

142 30.6 28.2 42.2

249 31.1 25.5 38.3





#69

Atrazine

Concen: 61.748 ng

RT: 11.104 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

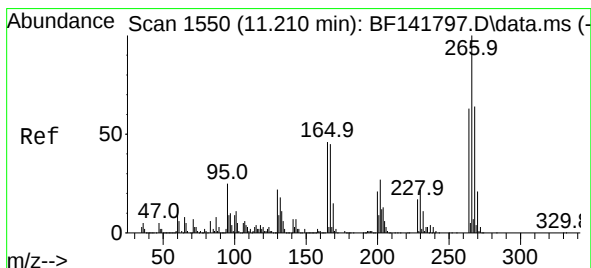
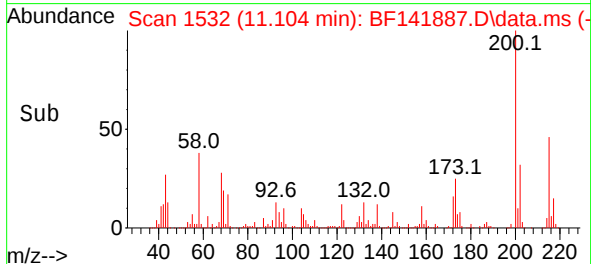
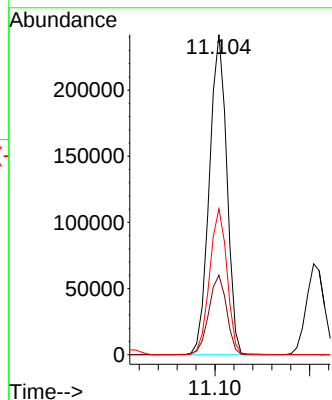
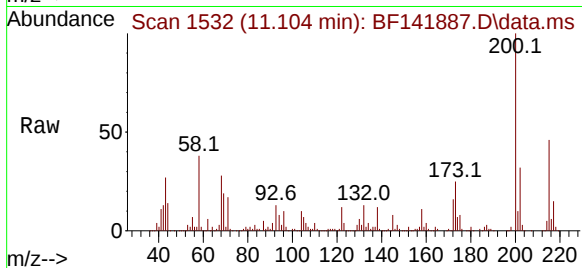
Tgt Ion:200 Resp: 310084

Ion Ratio Lower Upper

200 100

173 24.9 5.6 45.6

215 45.6 25.3 65.3



#70

Pentachlorophenol

Concen: 107.379 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

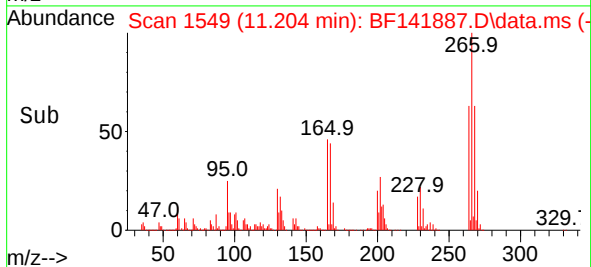
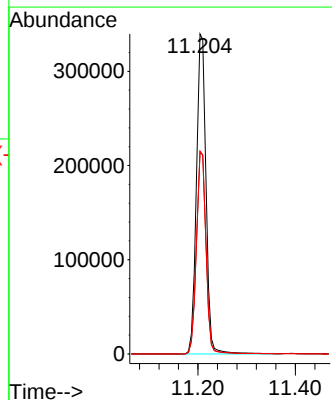
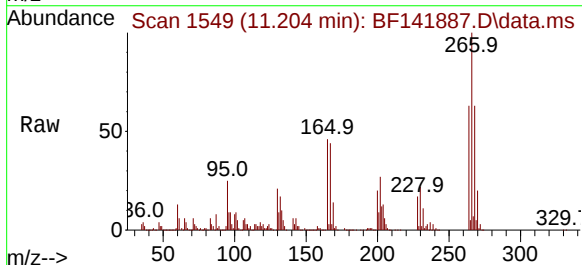
Tgt Ion:266 Resp: 467144

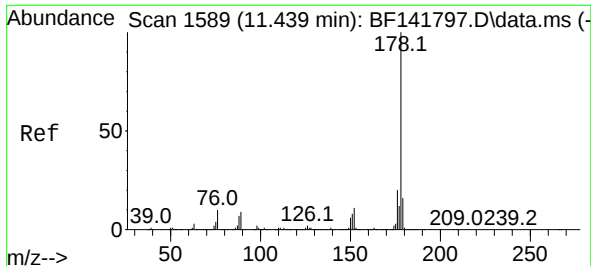
Ion Ratio Lower Upper

266 100

268 63.1 50.9 76.3

264 63.4 50.2 75.4

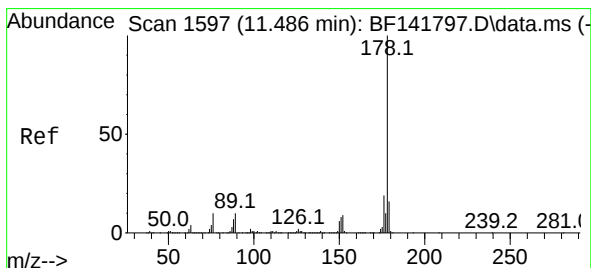
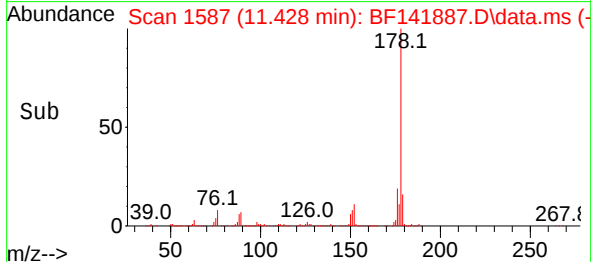
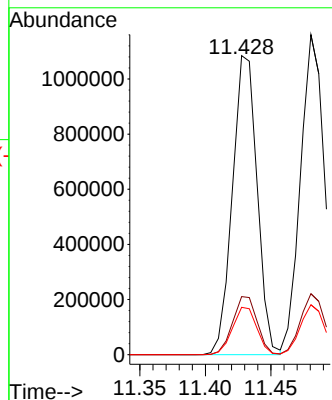
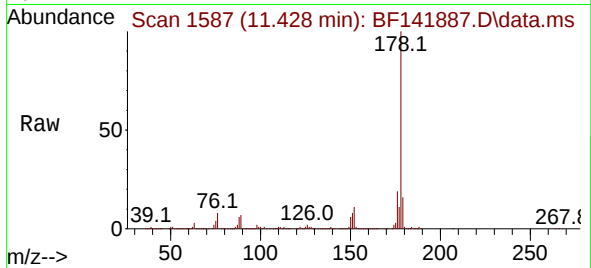




#71
Phenanthrene
Concen: 47.860 ng
RT: 11.428 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

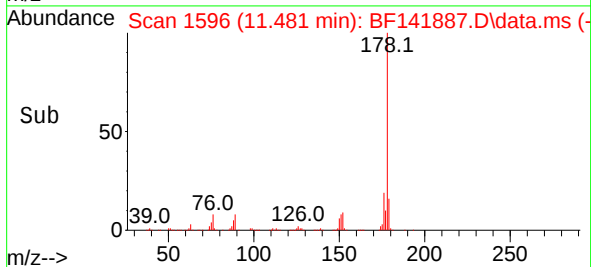
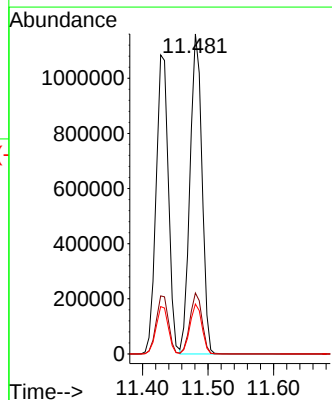
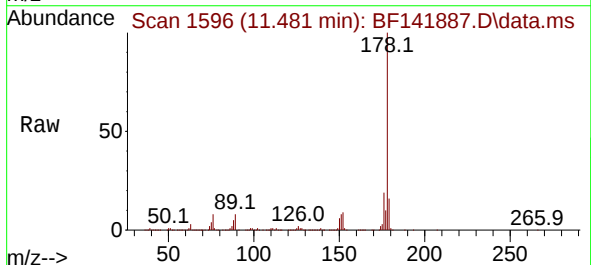
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

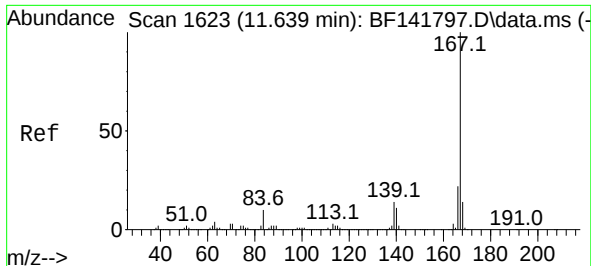
Tgt Ion:178 Resp: 1423703
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.9 12.6 19.0



#72
Anthracene
Concen: 49.103 ng
RT: 11.481 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion:178 Resp: 1463911
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.6 12.8 19.2

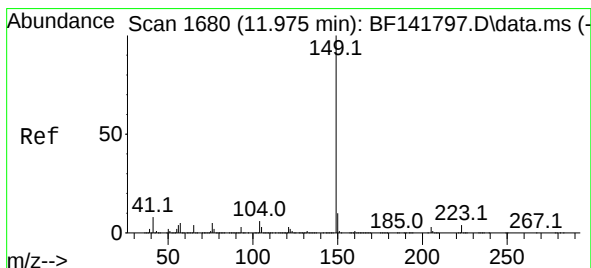
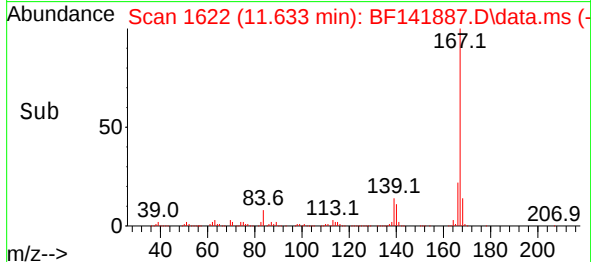
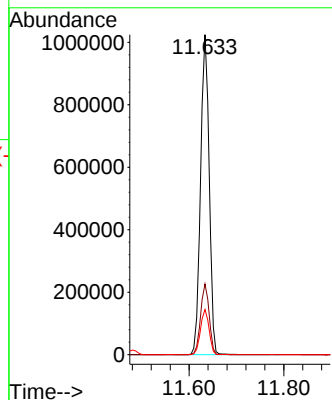
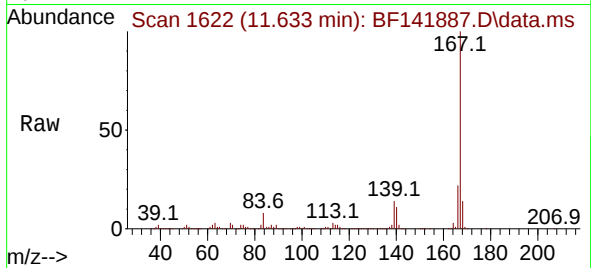




#73
 Carbazole
 Concen: 49.111 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. -0.006 min
 Lab File: BF141887.D
 Acq: 07 Mar 2025 11:29

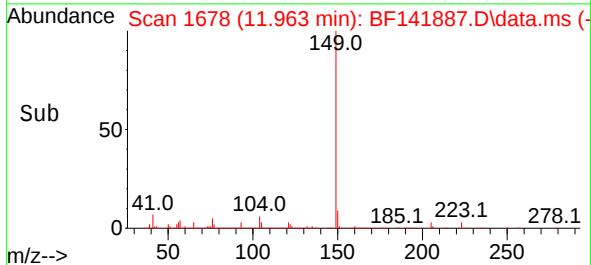
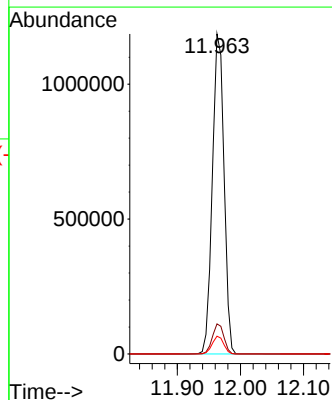
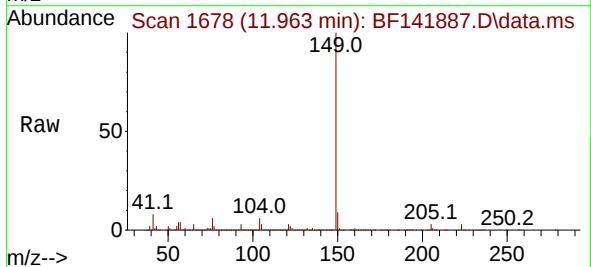
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SO-COMP-022825MS

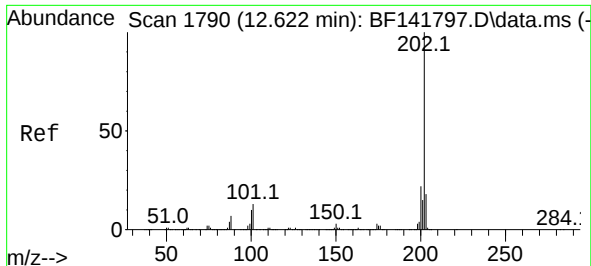
Tgt Ion:167 Resp: 1292951
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 14.1 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 45.485 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. -0.012 min
 Lab File: BF141887.D
 Acq: 07 Mar 2025 11:29

Tgt Ion:149 Resp: 1517925
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.5 4.4 6.6

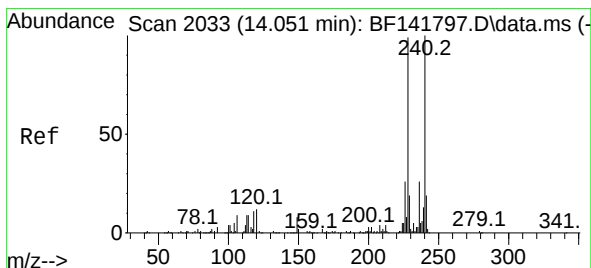
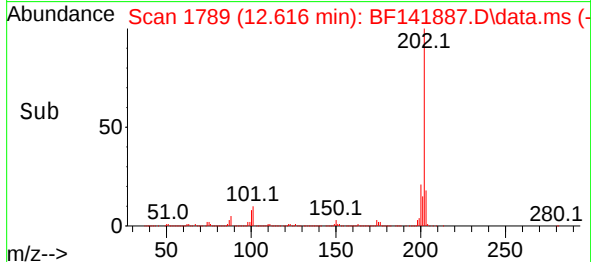
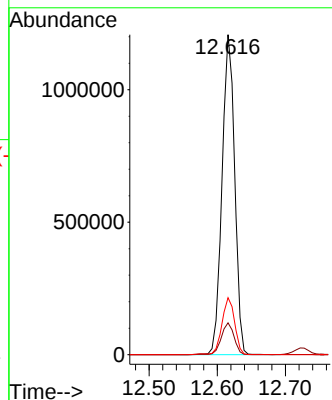
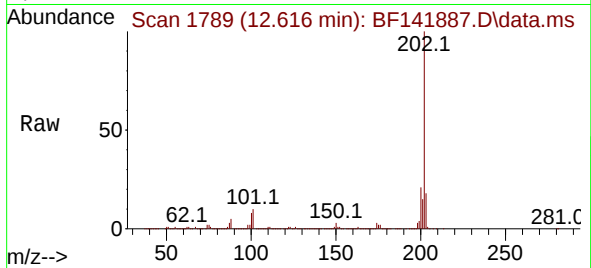




#75
Fluoranthene
Concen: 51.127 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

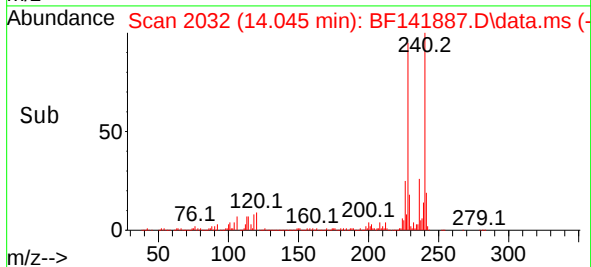
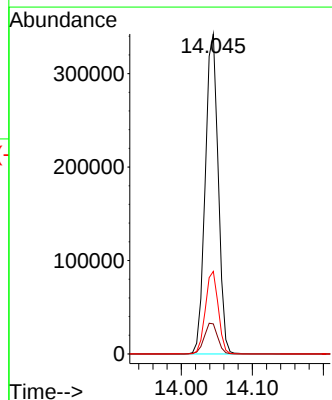
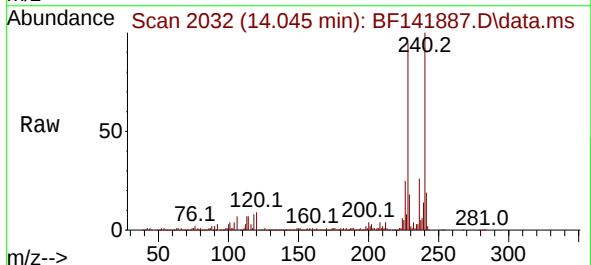
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

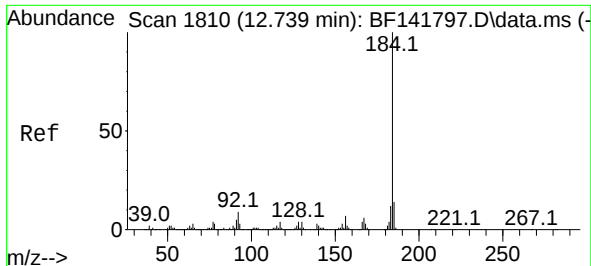
Tgt Ion:202 Resp: 1558398
Ion Ratio Lower Upper
202 100
101 10.0 0.0 32.8
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

Tgt Ion:240 Resp: 435055
Ion Ratio Lower Upper
240 100
120 9.4 9.7 14.5#
236 25.8 21.0 31.4

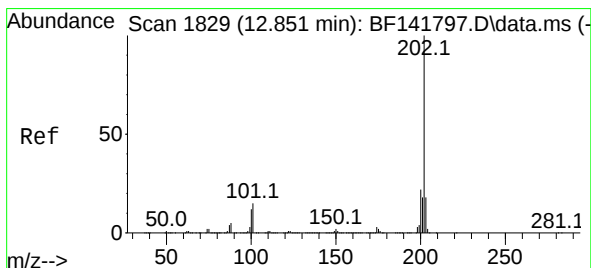
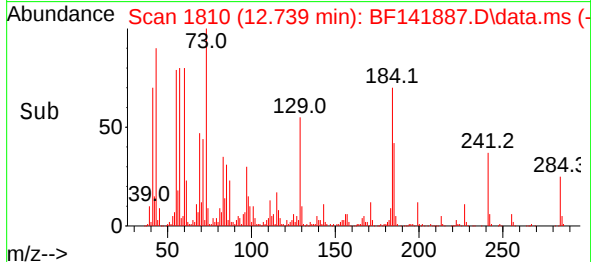
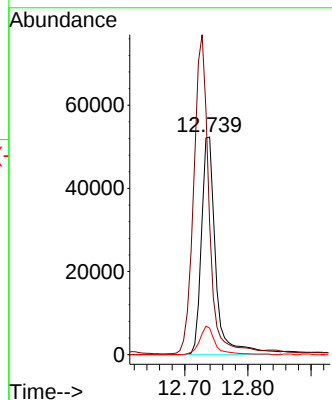
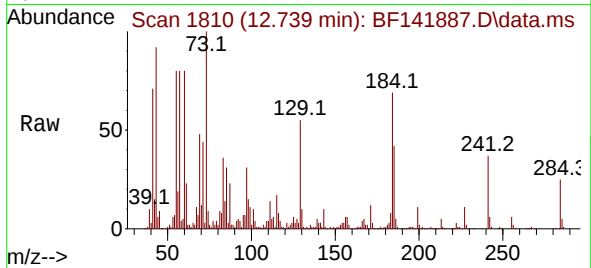




#77
Benzidine
Concen: 15.180 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

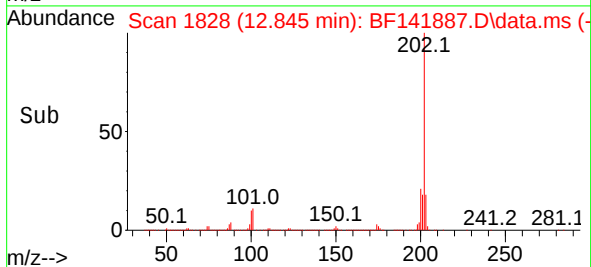
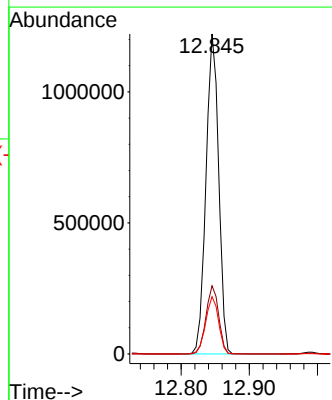
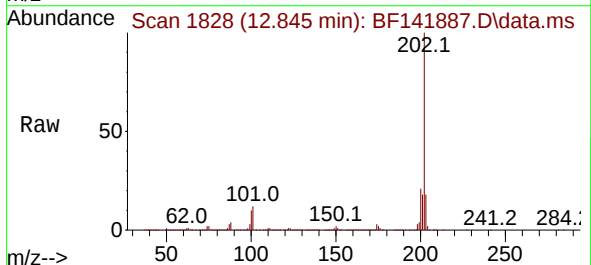
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

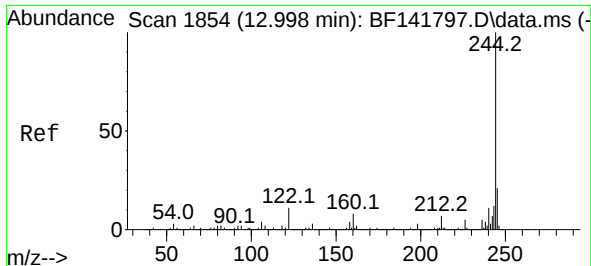
Tgt Ion:184 Resp: 83121
Ion Ratio Lower Upper
184 100
185 60.4 11.6 17.4#
183 12.2 9.4 14.0



#78
Pyrene
Concen: 41.950 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

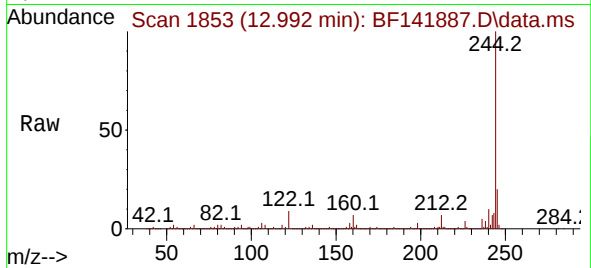
Tgt Ion:202 Resp: 1580372
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.0
203 17.9 14.6 22.0



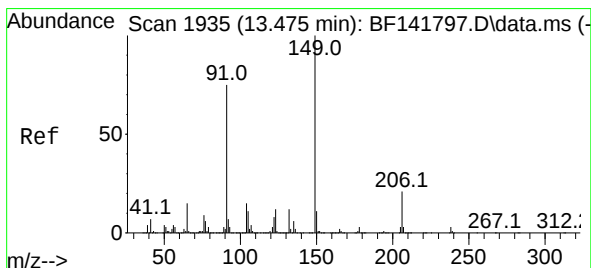
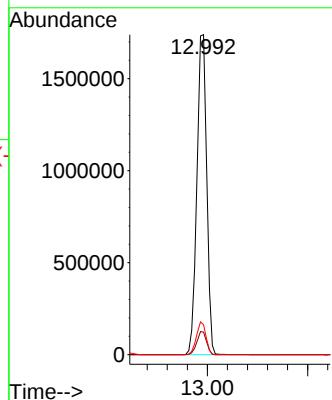
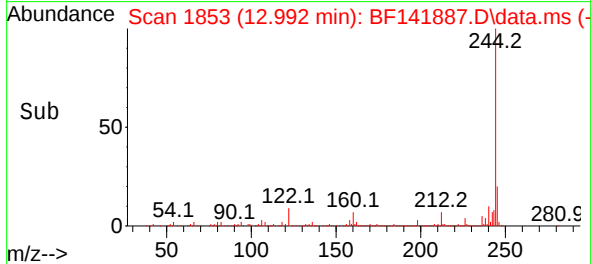


#79
Terphenyl-d14
Concen: 87.763 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29

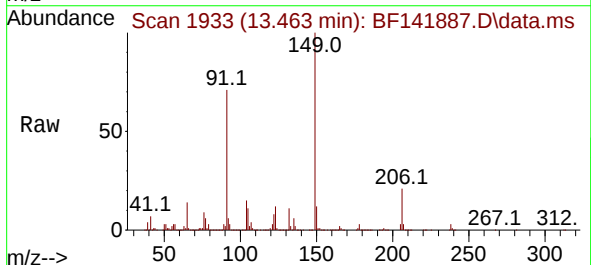
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS



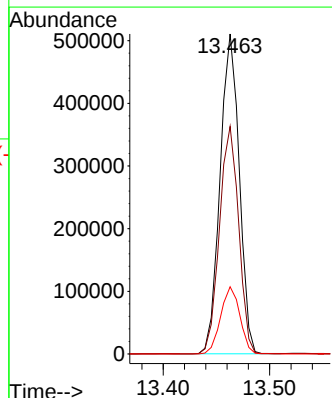
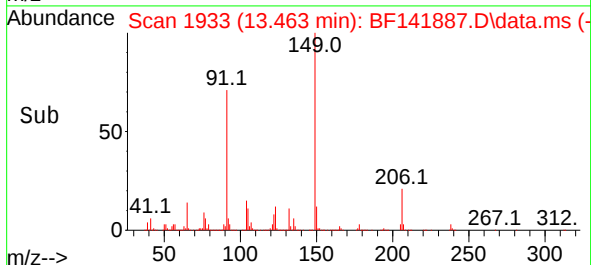
Tgt Ion:244 Resp: 2359942
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.3 9.0 13.6

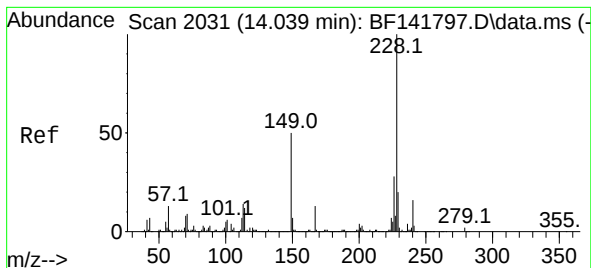


#80
Butylbenzylphthalate
Concen: 46.538 ng
RT: 13.463 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF141887.D
Acq: 07 Mar 2025 11:29



Tgt Ion:149 Resp: 636995
Ion Ratio Lower Upper
149 100
91 71.1 60.1 90.1
206 21.0 16.8 25.2





#81

Benzo(a)anthracene

Concen: 48.134 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

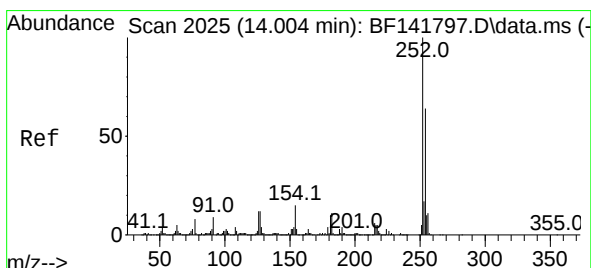
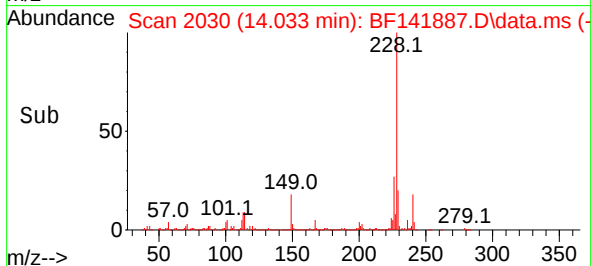
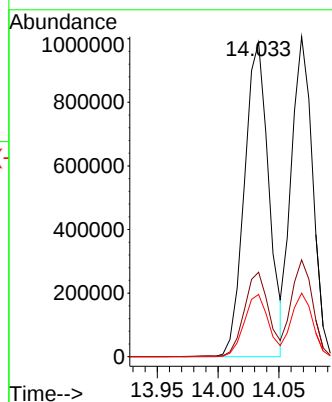
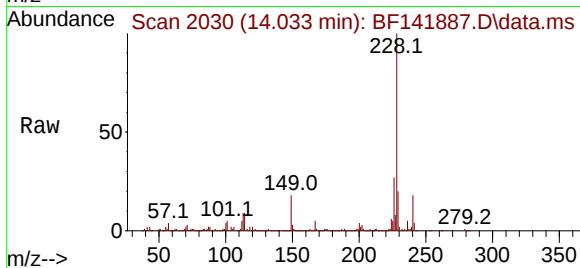
Tgt Ion:228 Resp: 1383197

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 22.071 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

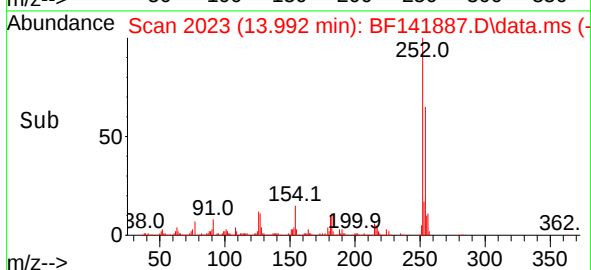
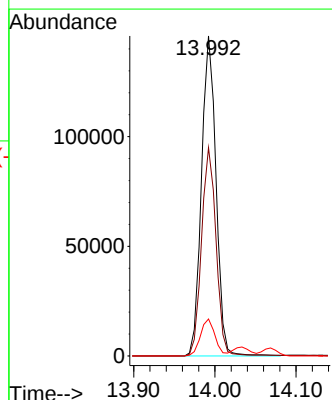
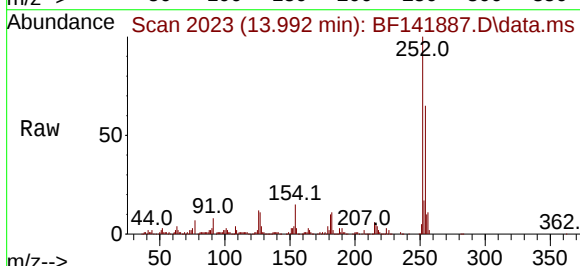
Tgt Ion:252 Resp: 181968

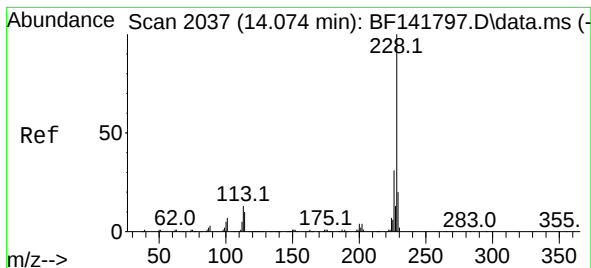
Ion Ratio Lower Upper

252 100

254 65.1 51.4 77.0

126 11.6 9.8 14.6





#83

Chrysene

Concen: 46.155 ng

RT: 14.069 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

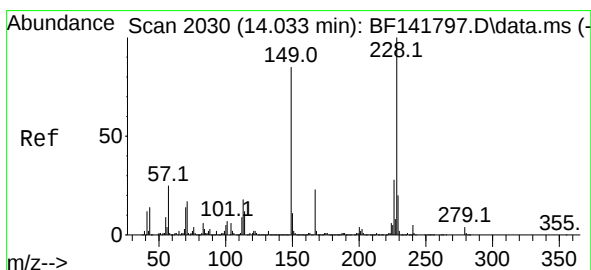
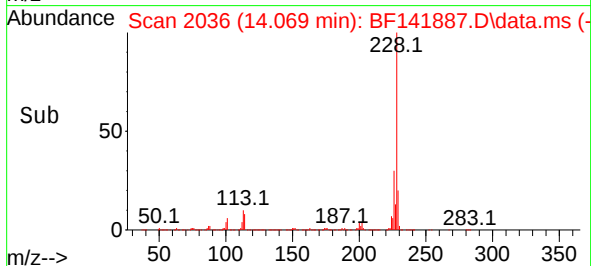
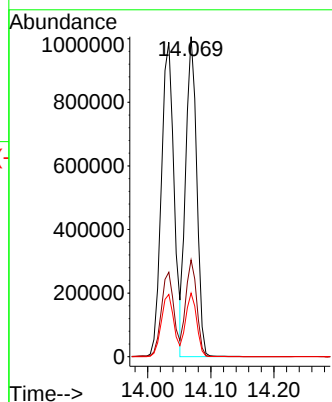
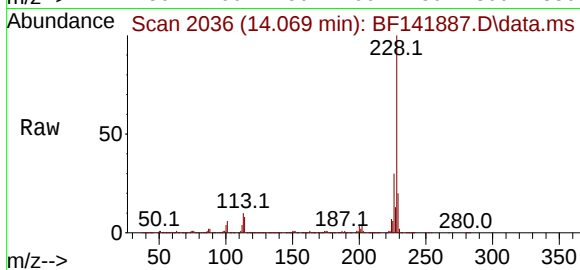
Tgt Ion:228 Resp: 1222618

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.509 ng

RT: 14.022 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

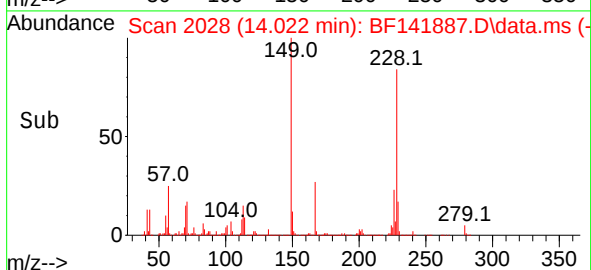
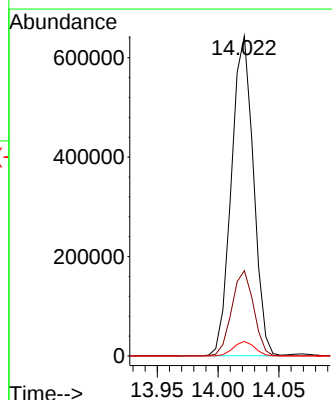
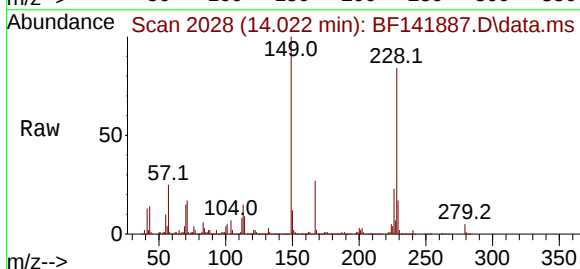
Tgt Ion:149 Resp: 809701

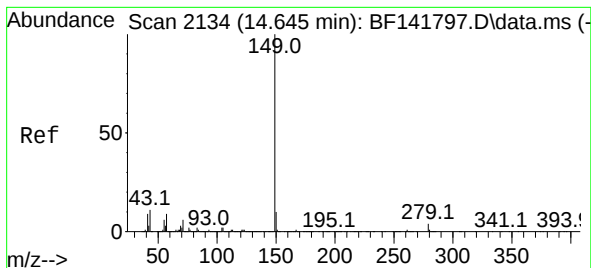
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 45.877 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

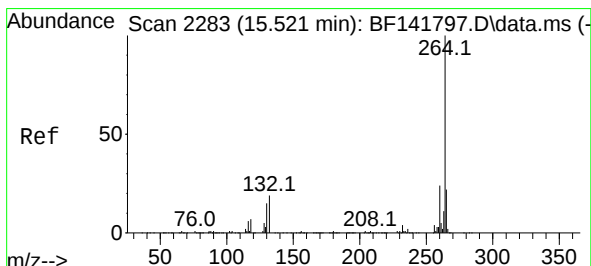
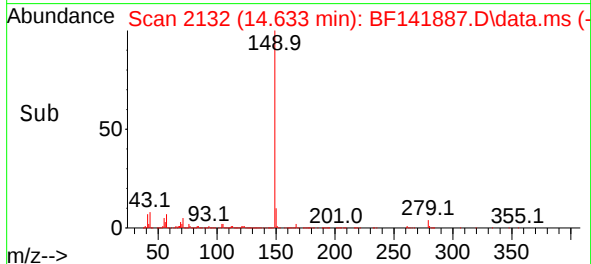
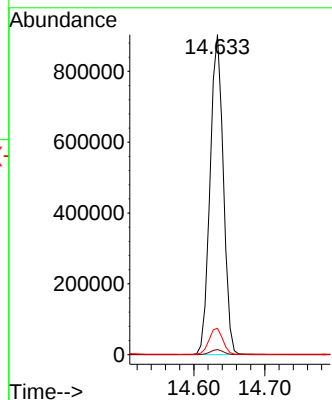
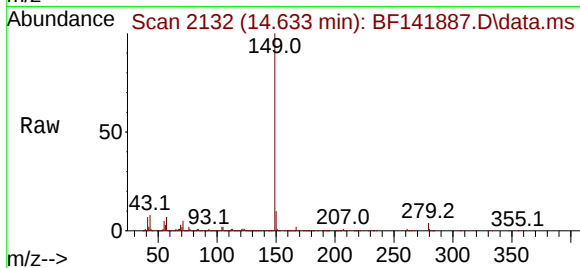
Tgt Ion:149 Resp: 1170567

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 8.4 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

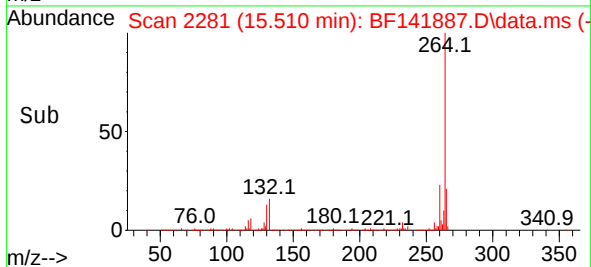
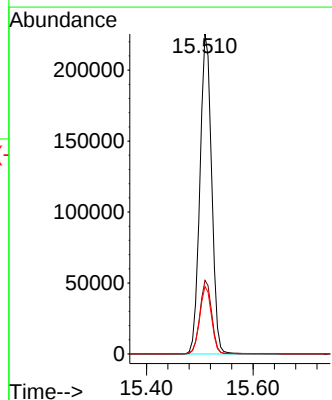
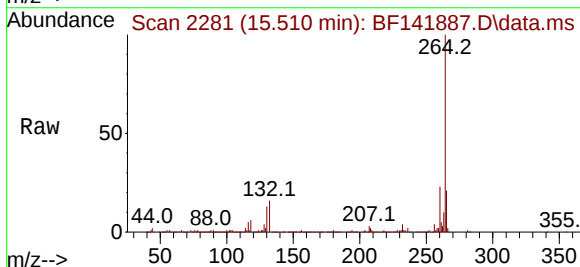
Tgt Ion:264 Resp: 343670

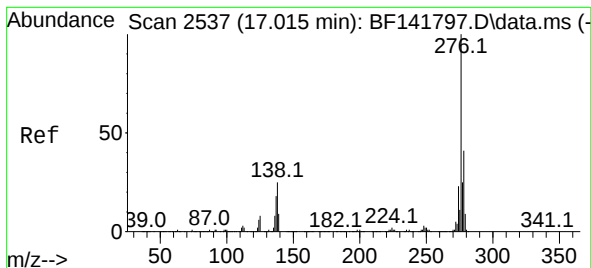
Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.964 ng

RT: 17.004 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

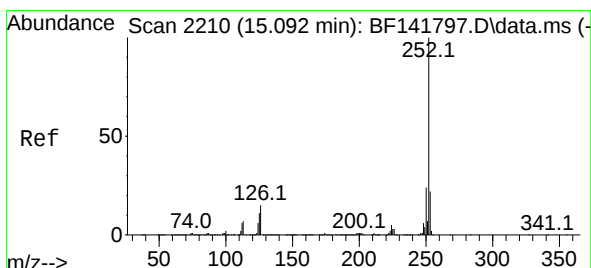
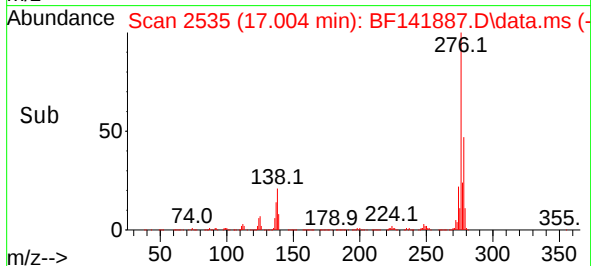
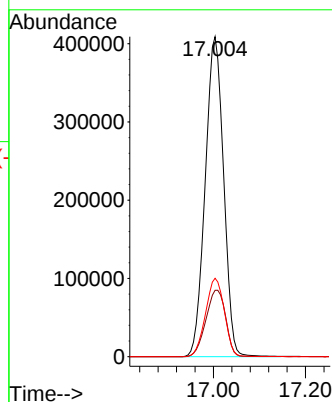
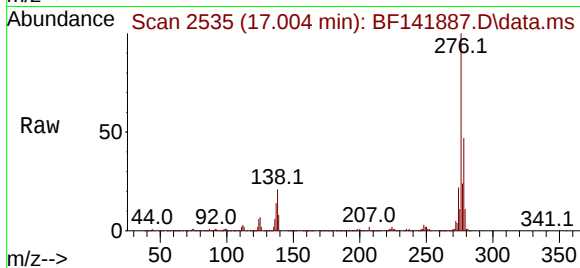
Tgt Ion:276 Resp: 1137163

Ion Ratio Lower Upper

276 100

138 22.3 22.5 33.7#

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.920 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

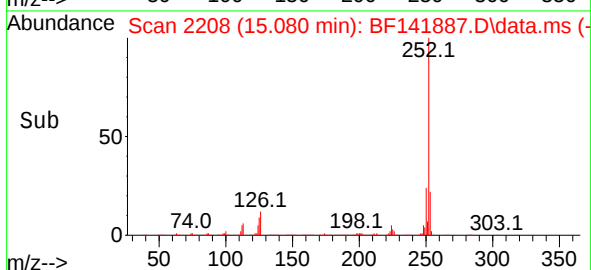
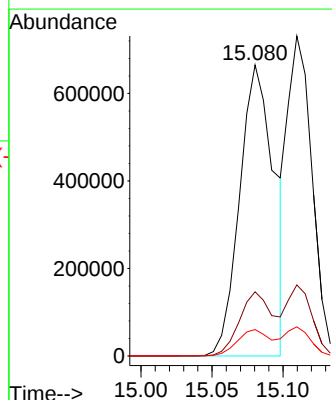
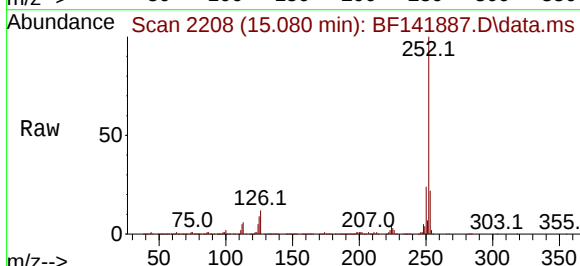
Tgt Ion:252 Resp: 1121801

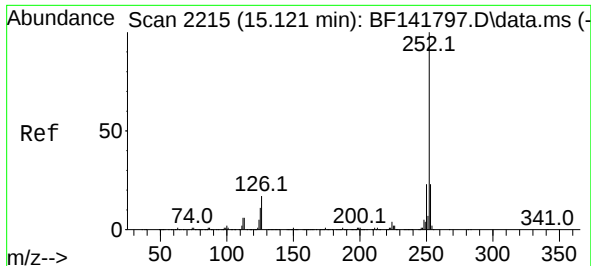
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.1 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 44.373 ng

RT: 15.110 min Scan# 2215

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MS

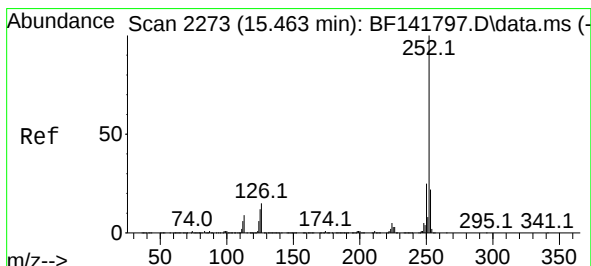
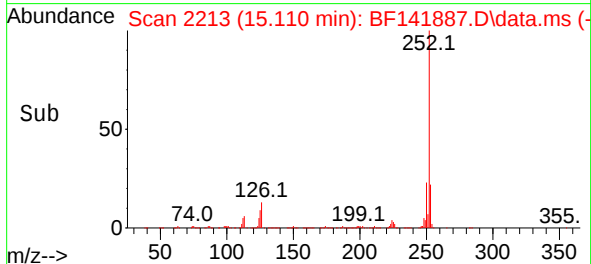
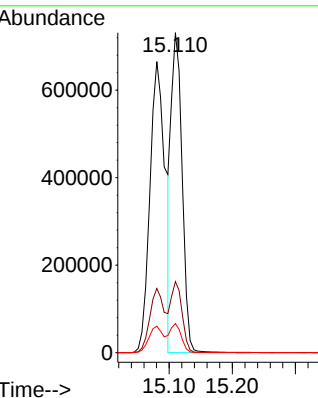
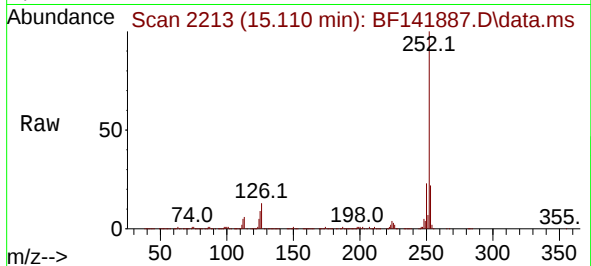
Tgt Ion:252 Resp: 882903

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 9.1 8.8 13.2



#90

Benzo(a)pyrene

Concen: 49.716 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF141887.D

Acq: 07 Mar 2025 11:29

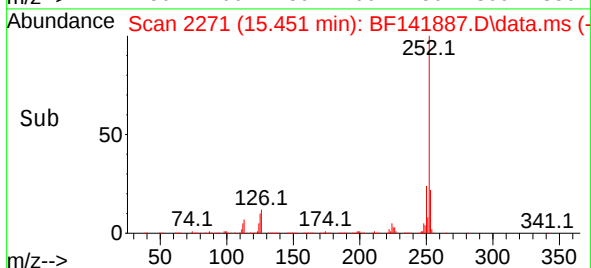
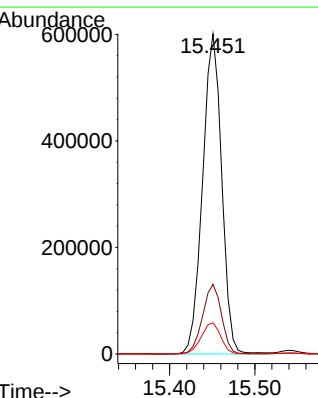
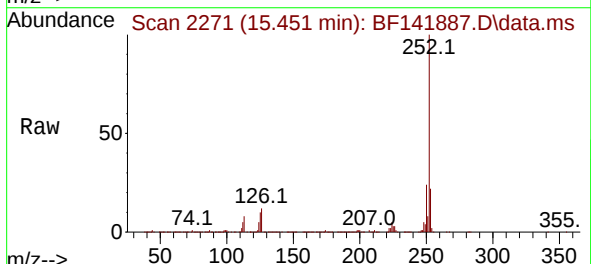
Tgt Ion:252 Resp: 933380

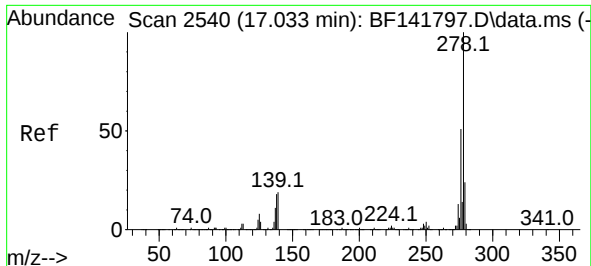
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.8 9.4 14.2

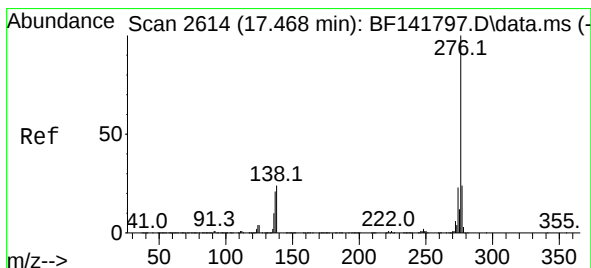
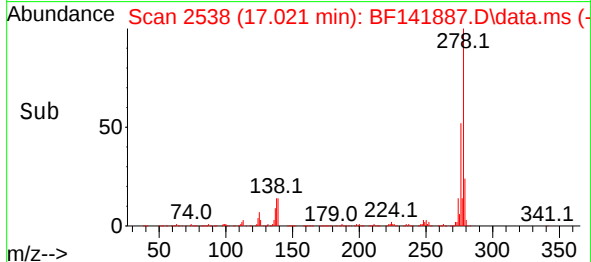
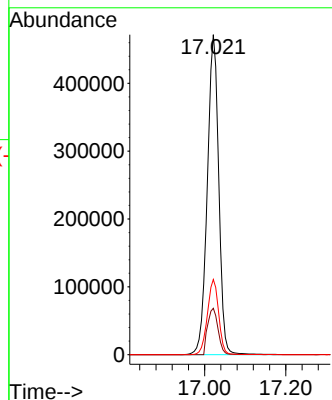
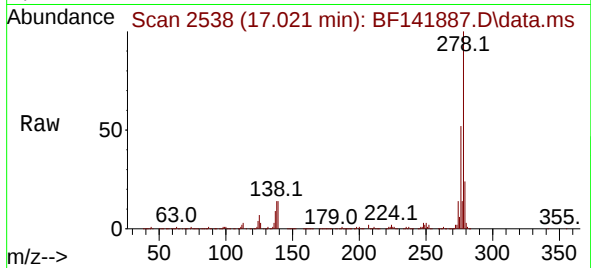




#91
 Dibenzo(a,h)anthracene
 Concen: 51.498 ng
 RT: 17.021 min Scan# 2538
 Delta R.T. -0.012 min
 Lab File: BF141887.D
 Acq: 07 Mar 2025 11:29

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SO-COMP-022825MS

Tgt Ion:278 Resp: 919901
 Ion Ratio Lower Upper
 278 100
 139 14.5 14.9 22.3#
 279 23.5 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 48.758 ng
 RT: 17.457 min Scan# 2612
 Delta R.T. -0.012 min
 Lab File: BF141887.D
 Acq: 07 Mar 2025 11:29

Tgt Ion:276 Resp: 892265
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.4 29.0
 138 18.7 19.3 28.9#

