

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140877.D
 Acq On : 17 Dec 2024 11:35
 Operator : RC/JU
 Sample : PB165623BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165623BSD

Quant Time: Dec 17 12:21:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	54481	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	198425	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	109384	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	199182	20.000	ng	0.00
76) Chrysene-d12	14.021	240	129993	20.000	ng	-0.01
86) Perylene-d12	15.510	264	121005	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	513395	155.126	ng	0.01
7) Phenol-d6	6.498	99	638811	145.731	ng	0.00
23) Nitrobenzene-d5	7.416	82	409532	103.260	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	191455	147.990	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	824652	103.651	ng	0.00
79) Terphenyl-d14	12.957	244	908361	110.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	60294	42.296	ng	99
3) Pyridine	3.475	79	154539	46.811	ng	98
4) n-Nitrosodimethylamine	3.416	42	89052	53.508	ng	97
6) Aniline	6.516	93	178729	47.687	ng	90
8) 2-Chlorophenol	6.645	128	191822	53.150	ng	99
9) Benzaldehyde	6.410	77	49197	20.255	ng	99
10) Phenol	6.516	94	235623	51.863	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	175492	51.796	ng	99
12) 1,3-Dichlorobenzene	6.787	146	203243	49.421	ng	98
13) 1,4-Dichlorobenzene	6.863	146	205302	49.181	ng	99
14) 1,2-Dichlorobenzene	7.016	146	190480	48.363	ng	96
15) Benzyl Alcohol	6.998	79	169658	54.131	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	208951	52.352	ng	85
17) 2-Methylphenol	7.116	107	147597	51.224	ng	98
18) Hexachloroethane	7.351	117	76364	49.139	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	134673	51.217	ng	99
20) 3+4-Methylphenols	7.269	107	196232	51.359	ng	96
22) Acetophenone	7.263	105	264952	53.378	ng	99
24) Nitrobenzene	7.434	77	204296	50.281	ng	99
25) Isophorone	7.675	82	359511	54.100	ng	99
26) 2-Nitrophenol	7.751	139	100033	53.456	ng	100
27) 2,4-Dimethylphenol	7.792	122	138972	63.591	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	216344	52.125	ng	98
29) 2,4-Dichlorophenol	7.998	162	159967	53.019	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	168638	48.757	ng	100
31) Naphthalene	8.151	128	550091	50.468	ng	100
32) Benzoic acid	7.939	122	92691	44.721	ng	98
33) 4-Chloroaniline	8.204	127	95690	26.433	ng	99
34) Hexachlorobutadiene	8.263	225	114140	49.049	ng	98
35) Caprolactam	8.581	113	26798	29.834	ng	95
36) 4-Chloro-3-methylphenol	8.698	107	175809	51.771	ng	98
37) 2-Methylnaphthalene	8.839	142	364035	50.489	ng	100
38) 1-Methylnaphthalene	8.939	142	335559	47.058	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	180385	53.653	ng	100
41) Hexachlorocyclopentadiene	8.992	237	96805	80.007	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	106870	51.912	ng	99

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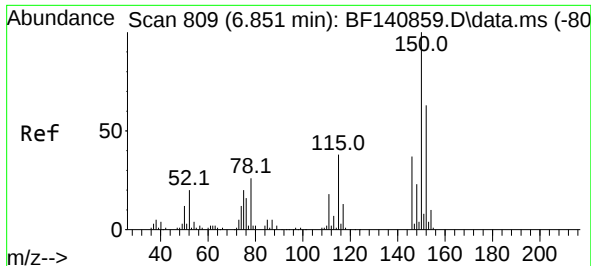
Quant Time: Dec 17 12:21:04 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	111401	49.233	ng	99
46) 1,1'-Biphenyl	9.304	154	459523	52.831	ng	99
47) 2-Chloronaphthalene	9.334	162	341689	51.350	ng	99
48) 2-Nitroaniline	9.434	65	107544	53.514	ng	98
49) Acenaphthylene	9.745	152	541139	55.339	ng	100
50) Dimethylphthalate	9.604	163	418300	54.241	ng	100
51) 2,6-Dinitrotoluene	9.675	165	89652	50.852	ng	98
52) Acenaphthene	9.916	154	327255	52.391	ng	99
53) 3-Nitroaniline	9.851	138	59883	34.227	ng	97
54) 2,4-Dinitrophenol	9.969	184	75484	87.117	ng	97
55) Dibenzofuran	10.092	168	499515	51.607	ng	100
56) 4-Nitrophenol	10.033	139	86755	91.508	ng	88
57) 2,4-Dinitrotoluene	10.086	165	117235	50.541	ng	95
58) Fluorene	10.433	166	405527	50.784	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	101397	54.993	ng	97
60) Diethylphthalate	10.304	149	416676	52.105	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	205286	51.179	ng	99
62) 4-Nitroaniline	10.469	138	88966	48.661	ng	98
63) Azobenzene	10.581	77	381354	50.725	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	59871	53.046	ng	99
66) n-Nitrosodiphenylamine	10.545	169	352140	57.502	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	118840	53.332	ng	98
68) Hexachlorobenzene	10.986	284	133965	53.026	ng	99
69) Atrazine	11.075	200	116225	67.954	ng	99
70) Pentachlorophenol	11.186	266	91604	99.173	ng	98
71) Phenanthrene	11.398	178	559598	54.633	ng	99
72) Anthracene	11.451	178	568637	56.373	ng	99
73) Carbazole	11.610	167	510463	51.665	ng	100
74) Di-n-butylphthalate	11.927	149	630897	54.409	ng	100
75) Fluoranthene	12.592	202	602142	51.045	ng	99
77) Benzidine	12.716	184	168731	63.598	ng	100
78) Pyrene	12.822	202	611888	52.933	ng	99
80) Butylbenzylphthalate	13.427	149	239628	56.338	ng	99
81) Benzo(a)anthracene	14.016	228	506153	54.939	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	104545	37.611	ng	98
83) Chrysene	14.051	228	440952	52.634	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	335787	61.225	ng	99
85) Di-n-octyl phthalate	14.604	149	517690	62.392	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	483120	63.979	ng	98
88) Benzo(b)fluoranthene	15.074	252	453696	54.014	ng	100
89) Benzo(k)fluoranthene	15.104	252	377629	52.411	ng	99
90) Benzo(a)pyrene	15.445	252	387987	58.990	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	391475	62.578	ng	99
92) Benzo(g,h,i)perylene	17.462	276	355912	55.900	ng	99

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

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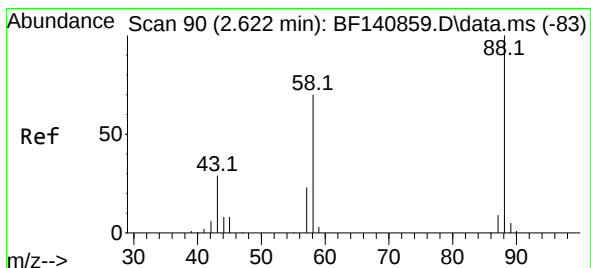
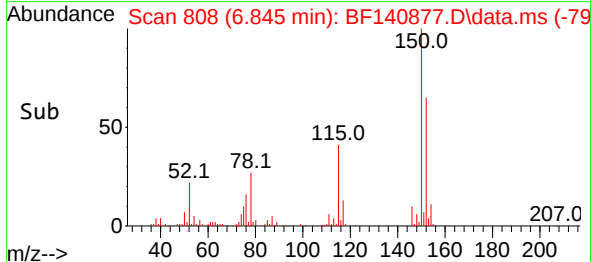
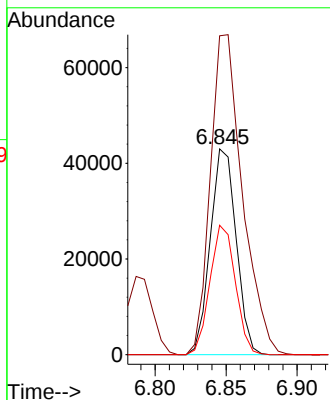
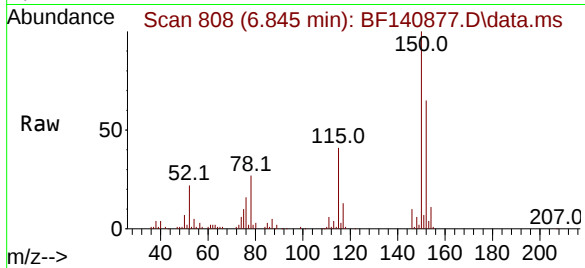




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF140877.D
 Acq: 17 Dec 2024 11:35

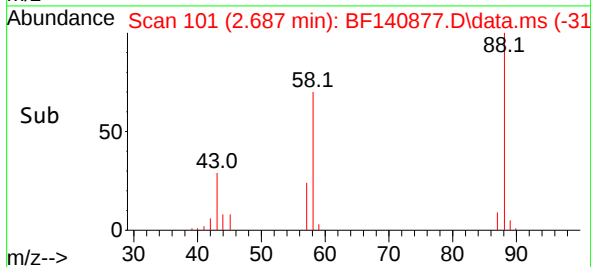
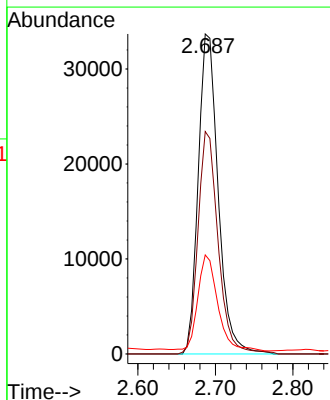
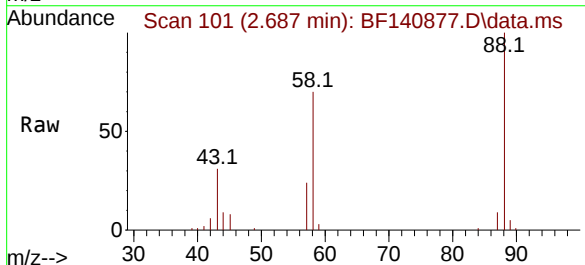
Instrument :
 BNA_F
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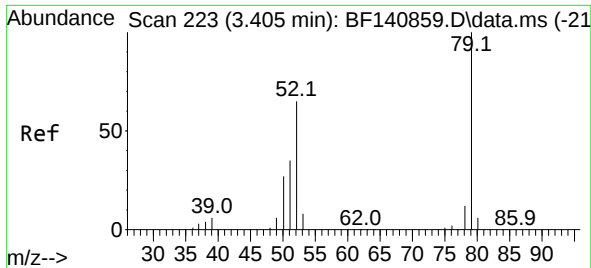
Tgt Ion:152 Resp: 54481
 Ion Ratio Lower Upper
 152 100
 150 155.0 127.9 191.9
 115 63.0 48.0 72.0



#2
 1,4-Dioxane
 Concen: 42.296 ng
 RT: 2.687 min Scan# 101
 Delta R.T. 0.065 min
 Lab File: BF140877.D
 Acq: 17 Dec 2024 11:35

Tgt Ion: 88 Resp: 60294
 Ion Ratio Lower Upper
 88 100
 58 70.1 55.8 83.8
 43 30.1 22.7 34.1





#3

Pyridine

Concen: 46.811 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

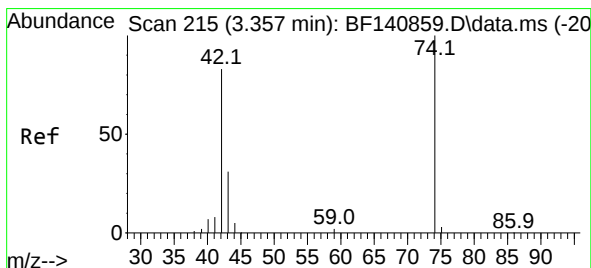
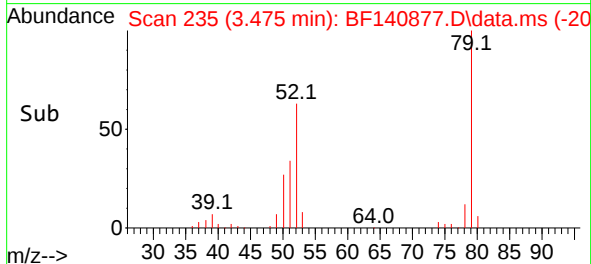
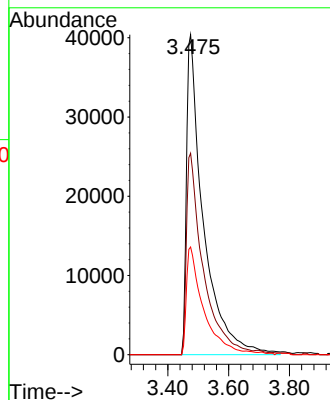
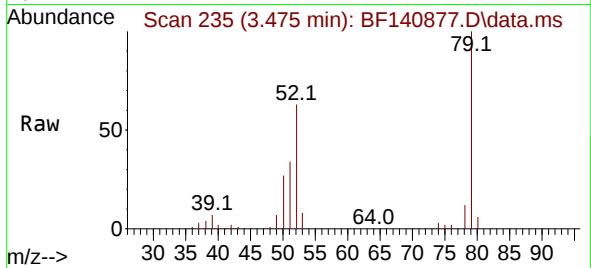
Tgt Ion: 79 Resp: 154539

Ion Ratio Lower Upper

79 100

52 63.0 51.7 77.5

51 33.6 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 53.508 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.059 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

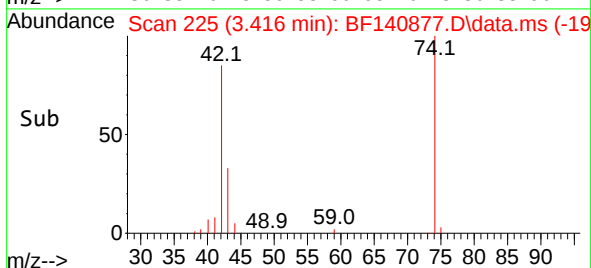
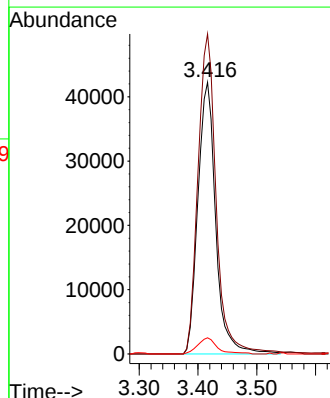
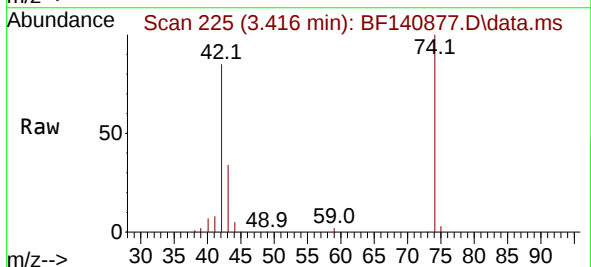
Tgt Ion: 42 Resp: 89052

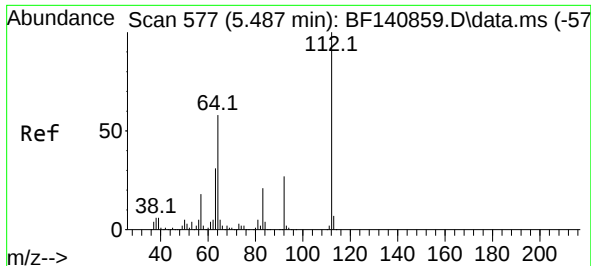
Ion Ratio Lower Upper

42 100

74 117.8 96.9 145.3

44 5.9 4.4 6.6

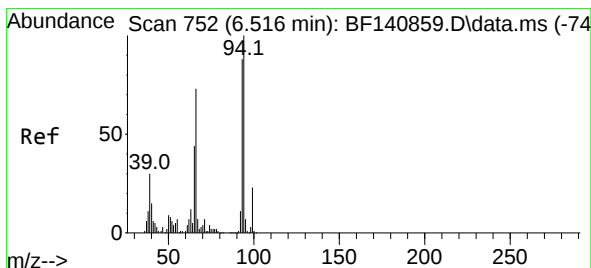
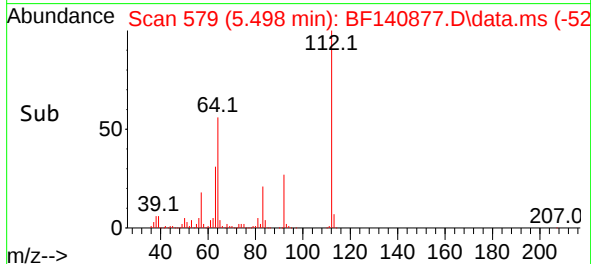
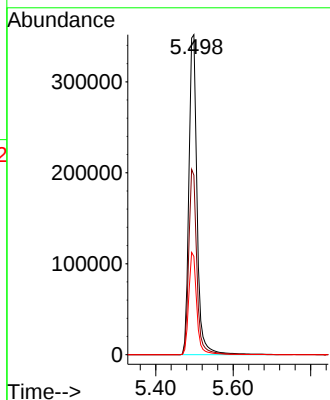
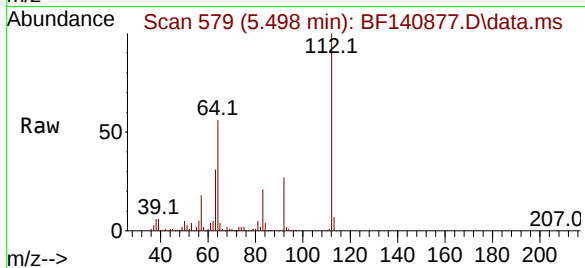




#5
2-Fluorophenol
Concen: 155.126 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

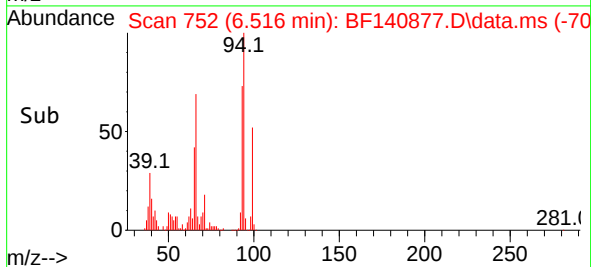
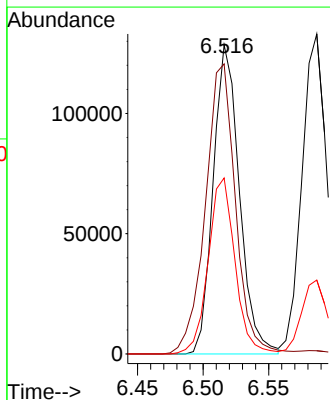
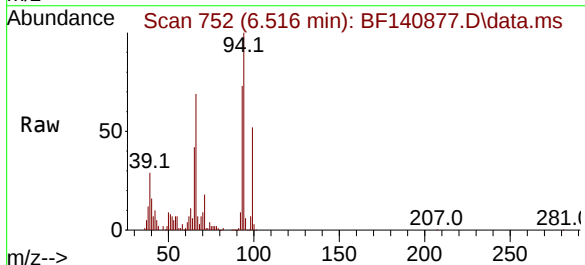
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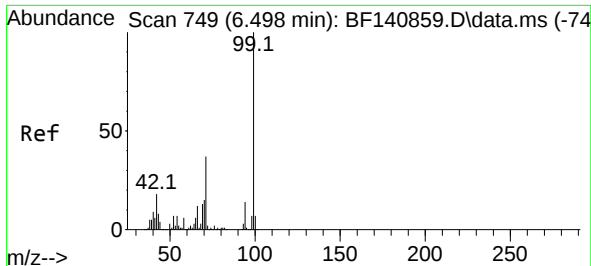
Tgt Ion:112 Resp: 513395
Ion Ratio Lower Upper
112 100
64 56.1 46.1 69.1
63 30.7 24.9 37.3



#6
Aniline
Concen: 47.687 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion: 93 Resp: 178729
Ion Ratio Lower Upper
93 100
66 93.8 67.0 100.4
65 57.0 40.4 60.6

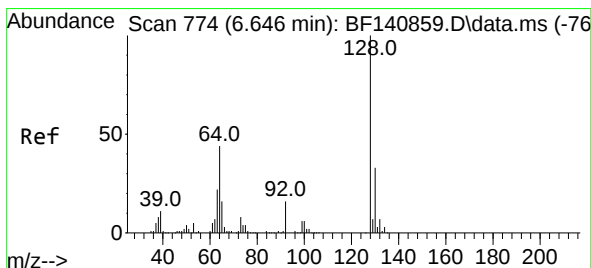
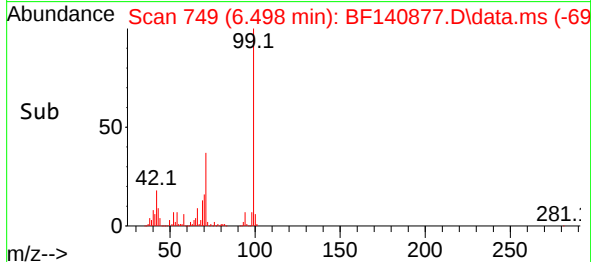
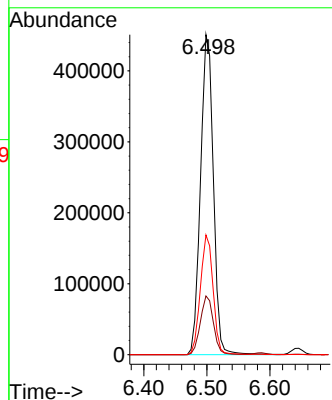
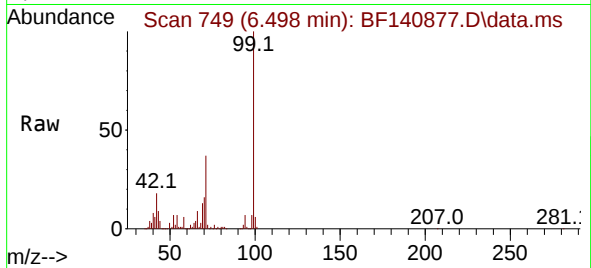




#7
Phenol-d6
Concen: 145.731 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

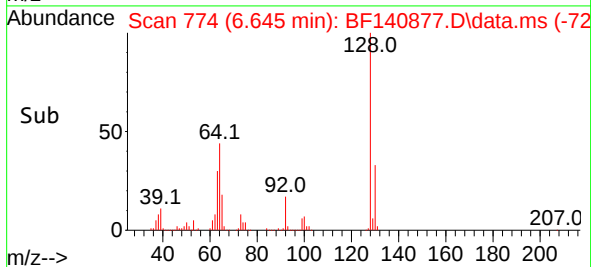
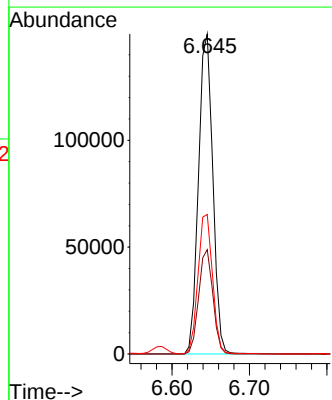
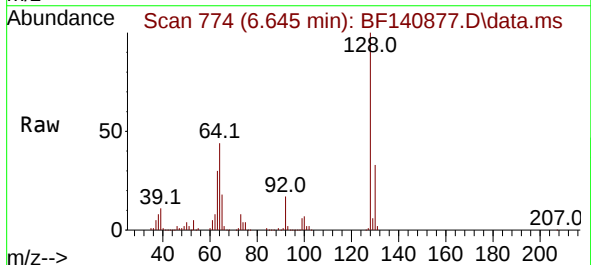
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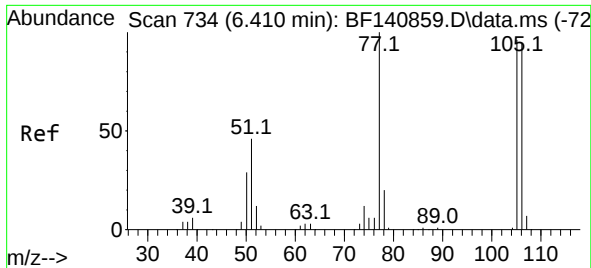
Tgt Ion: 99 Resp: 638811
Ion Ratio Lower Upper
99 100
42 18.4 14.3 21.5
71 37.4 29.9 44.9



#8
2-Chlorophenol
Concen: 53.150 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:128 Resp: 191822
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 43.6 24.3 64.3





#9

Benzaldehyde

Concen: 20.255 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

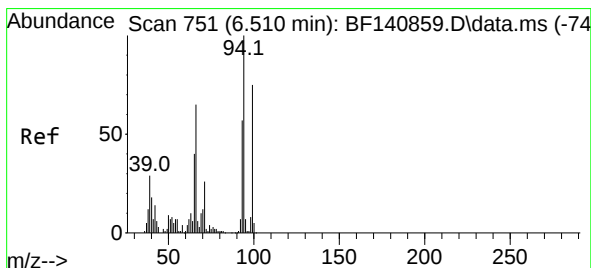
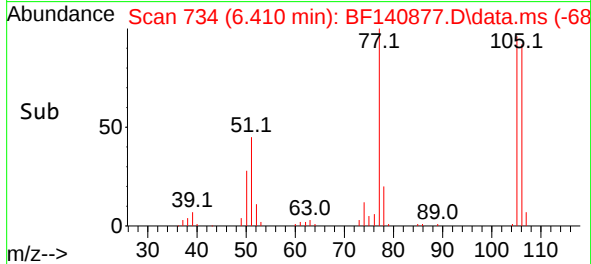
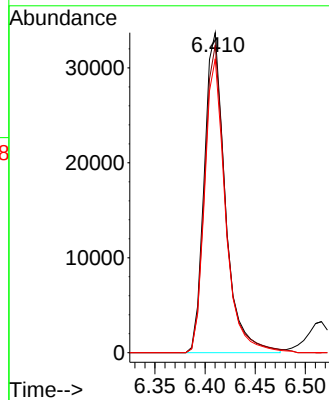
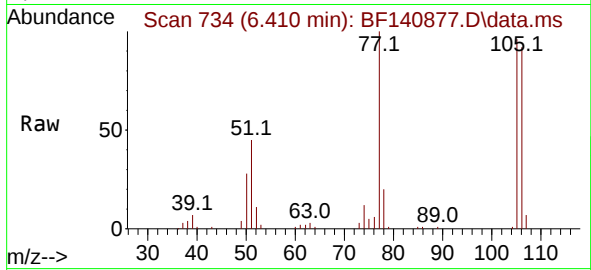
Tgt Ion: 77 Resp: 49197

Ion Ratio Lower Upper

77 100

105 96.0 75.8 115.8

106 91.8 74.1 114.1



#10

Phenol

Concen: 51.863 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

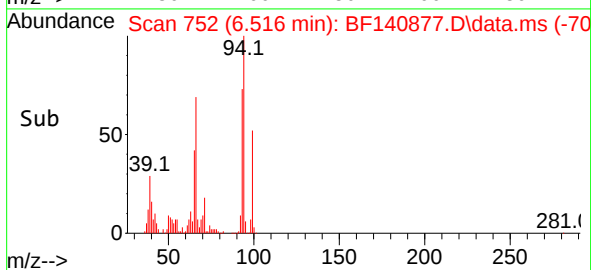
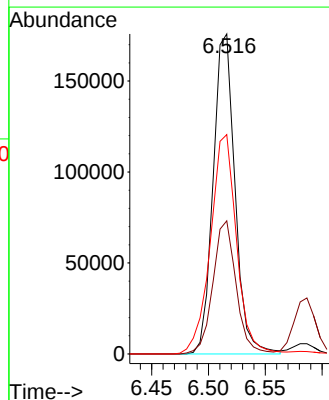
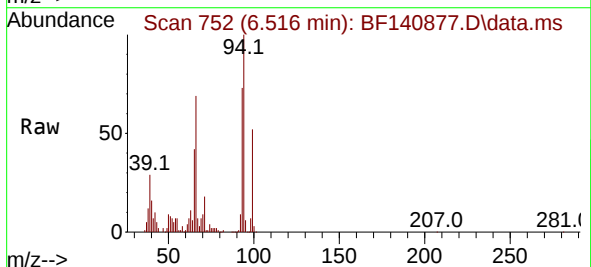
Tgt Ion: 94 Resp: 235623

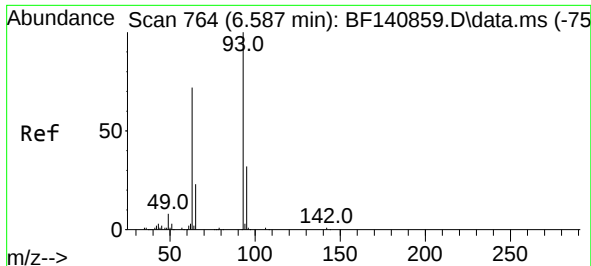
Ion Ratio Lower Upper

94 100

65 41.6 19.9 59.9

66 68.6 45.6 85.6

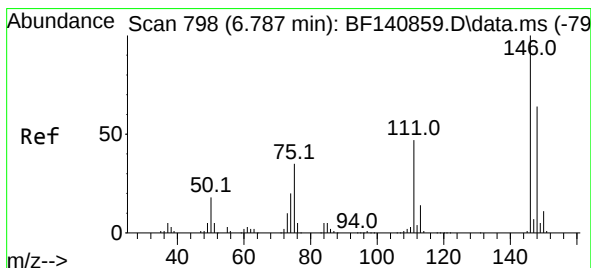
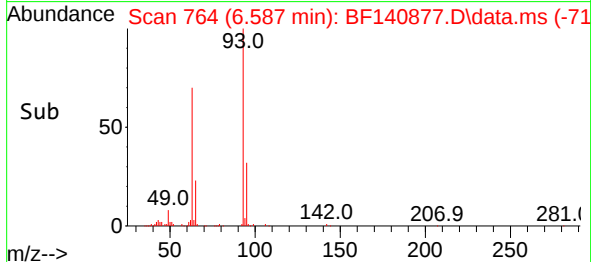
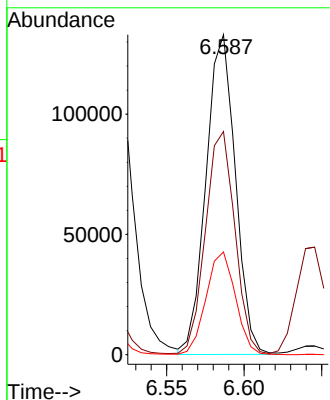
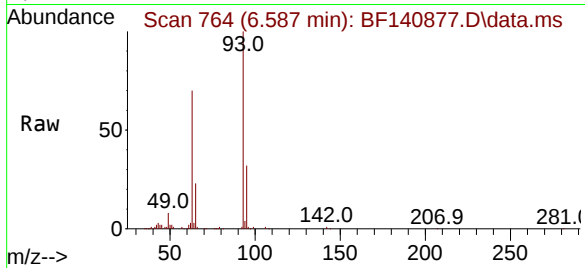




#11
bis(2-Chloroethyl)ether
Concen: 51.796 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

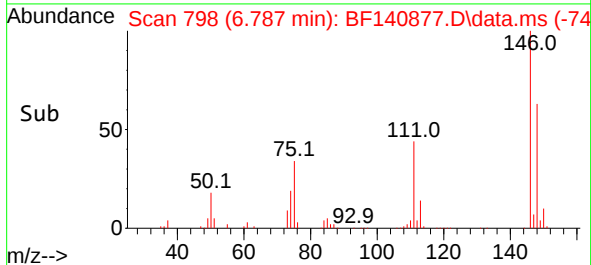
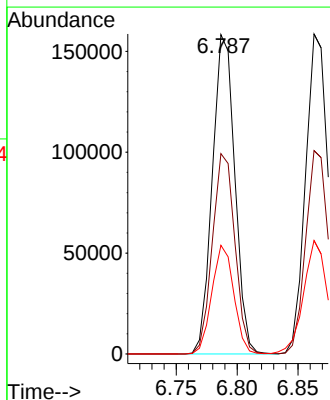
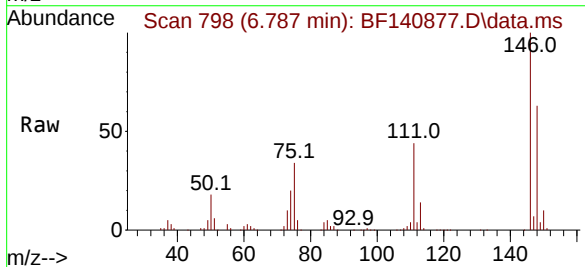
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion: 93 Resp: 175492
Ion Ratio Lower Upper
93 100
63 69.7 51.0 91.0
95 32.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 49.421 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:146 Resp: 203243
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.6
75 34.0 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 49.181 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

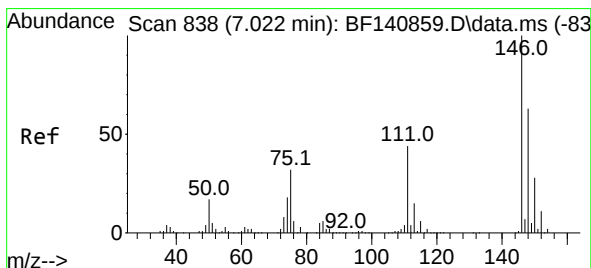
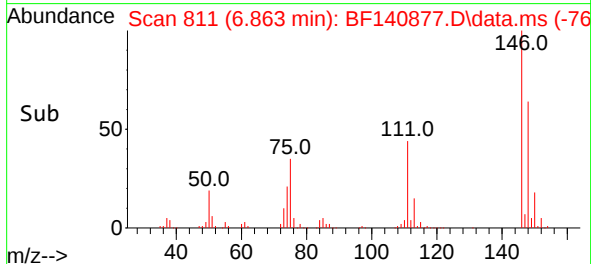
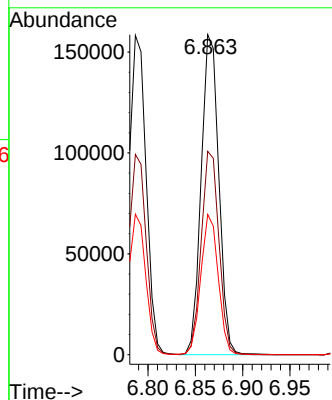
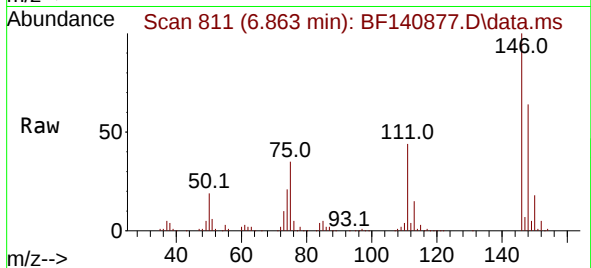
Tgt Ion:146 Resp: 205302

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 43.8 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 48.363 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

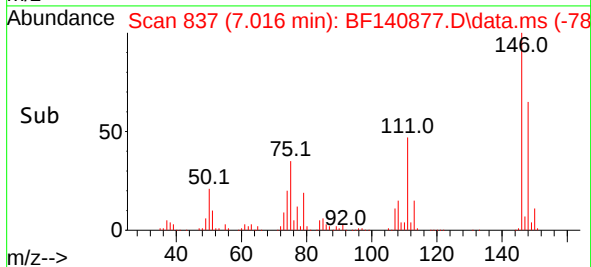
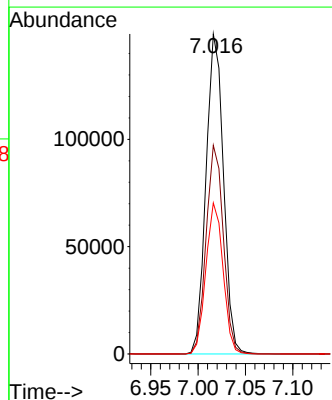
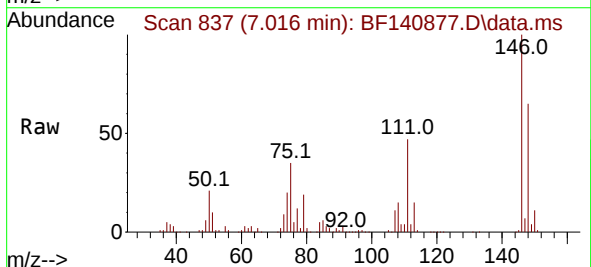
Tgt Ion:146 Resp: 190480

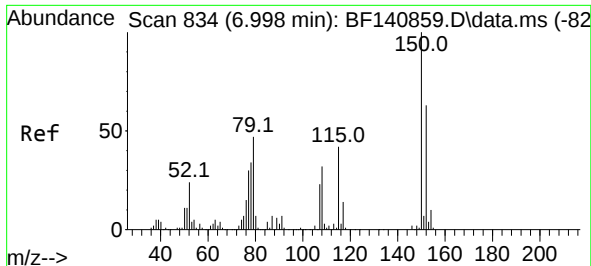
Ion Ratio Lower Upper

146 100

148 65.2 50.0 75.0

111 47.2 35.6 53.4

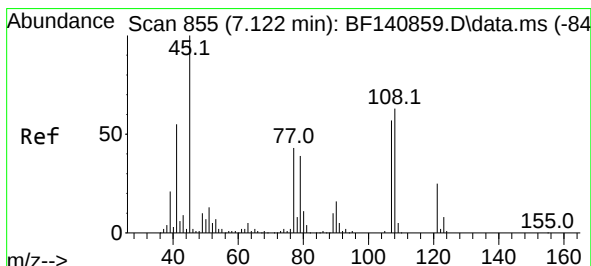
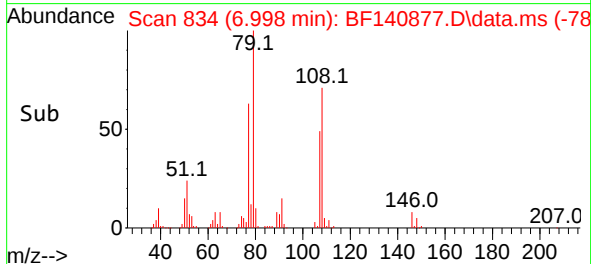
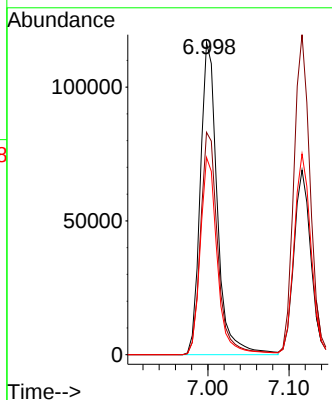
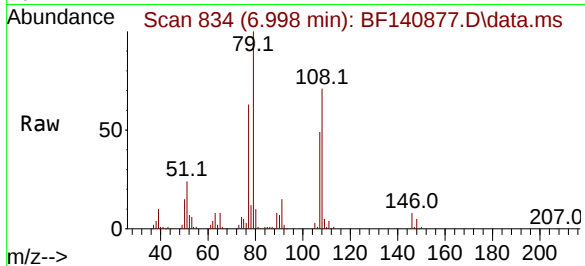




#15
Benzyl Alcohol
Concen: 54.131 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

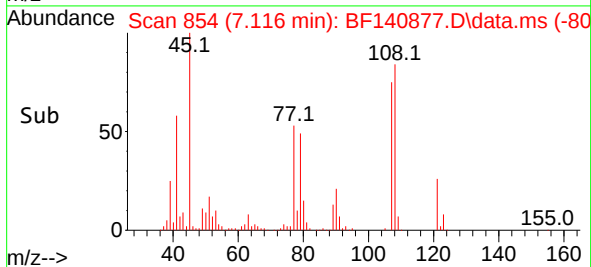
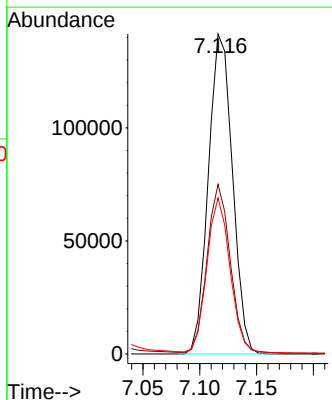
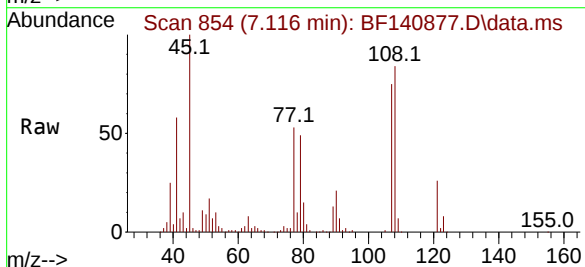
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

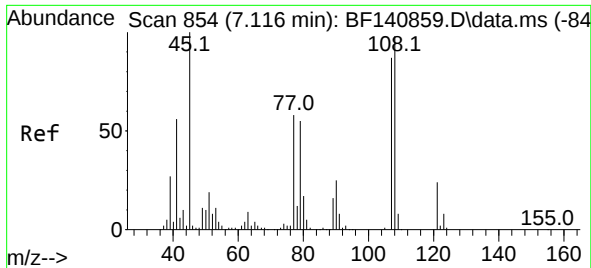
Tgt Ion: 79 Resp: 169658
Ion Ratio Lower Upper
79 100
108 71.2 55.1 82.7
77 63.2 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.352 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion: 45 Resp: 208951
Ion Ratio Lower Upper
45 100
77 53.0 23.3 63.3
79 48.8 20.0 60.0

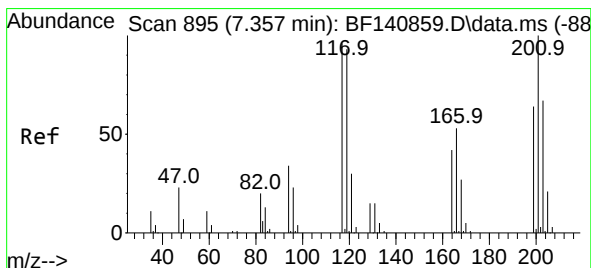
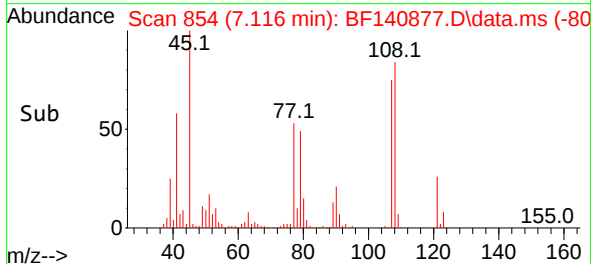
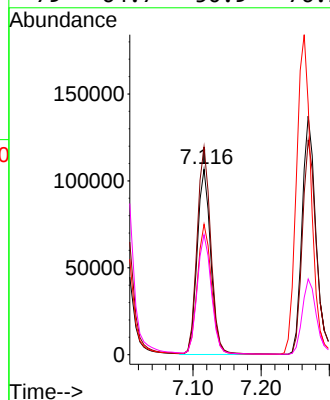
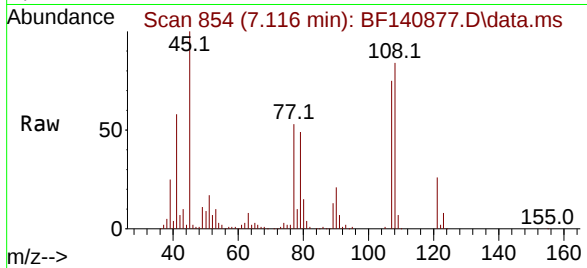




#17
2-Methylphenol
Concen: 51.224 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

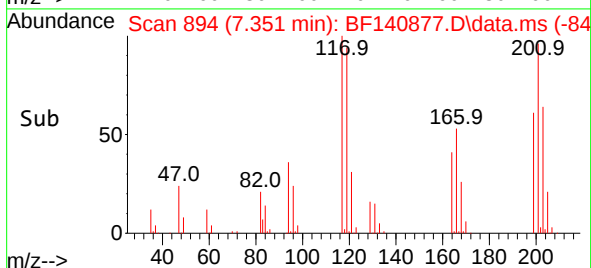
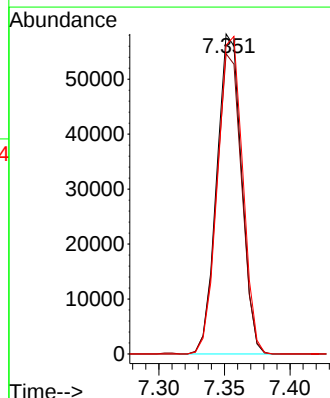
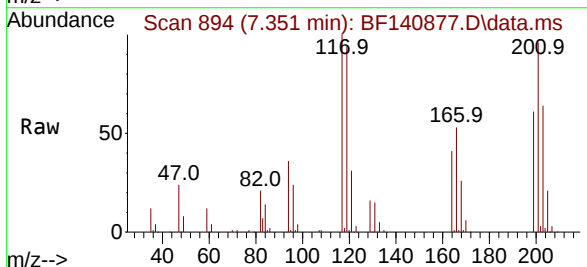
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

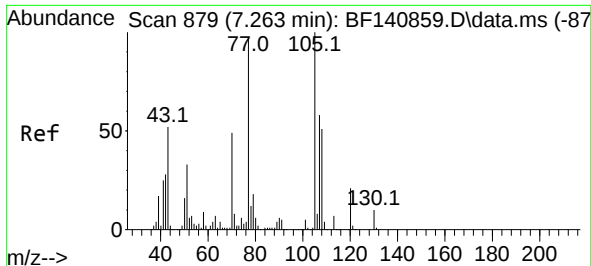
Tgt Ion:	107	Resp:	147597
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.2	135.4
77	70.3	53.8	80.6
79	64.7	50.9	76.3



#18
Hexachloroethane
Concen: 49.139 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:	117	Resp:	76364
Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.4	116.0
201	96.5	83.4	125.0

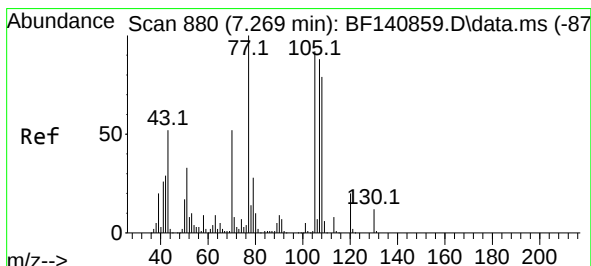
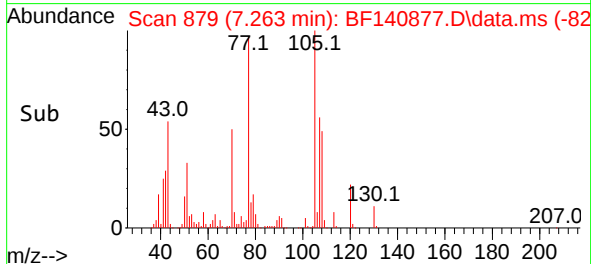
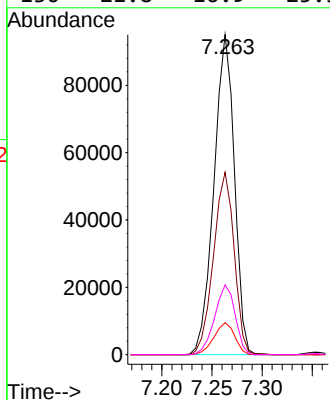
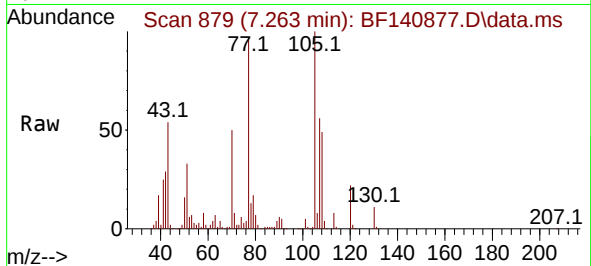




#19
n-Nitroso-di-n-propylamine
Concen: 51.217 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

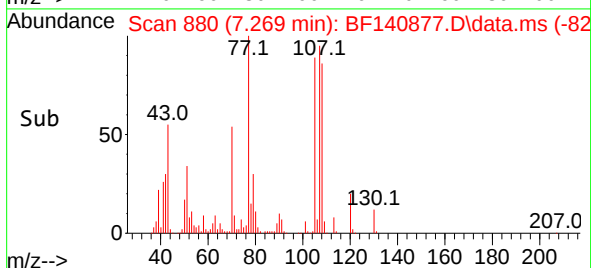
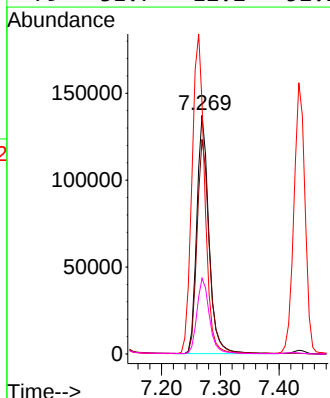
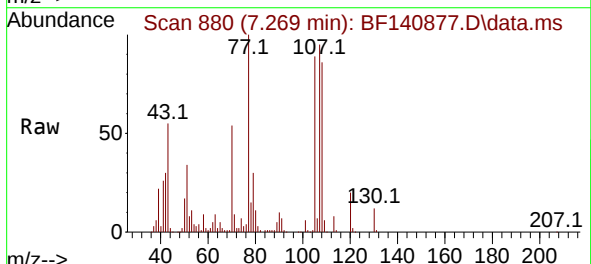
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

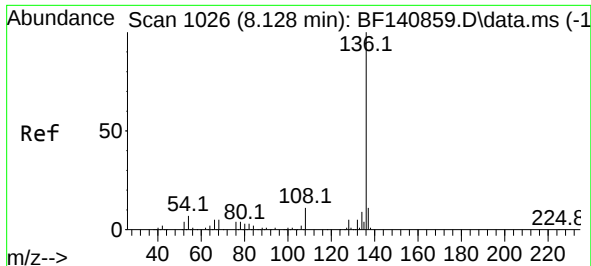
Tgt Ion: 70 Resp: 134673
Ion Ratio Lower Upper
70 100
42 57.0 45.3 67.9
101 10.0 8.0 12.0
130 21.8 16.9 25.3



#20
3+4-Methylphenols
Concen: 51.359 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:107 Resp: 196232
Ion Ratio Lower Upper
107 100
108 90.0 70.1 110.1
77 105.0 94.4 134.4
79 31.7 12.2 52.2

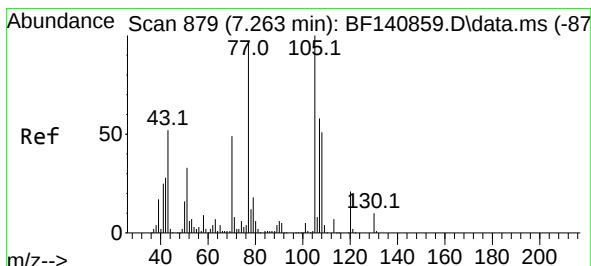
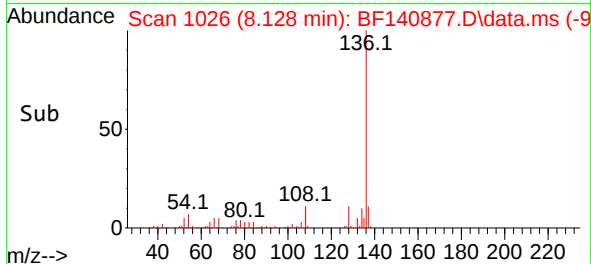
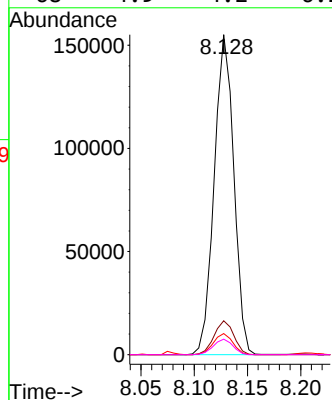
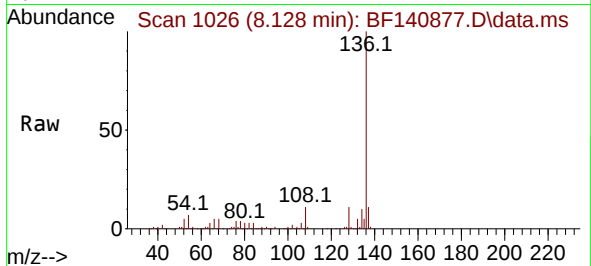




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

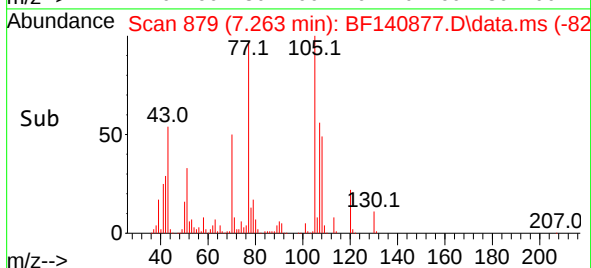
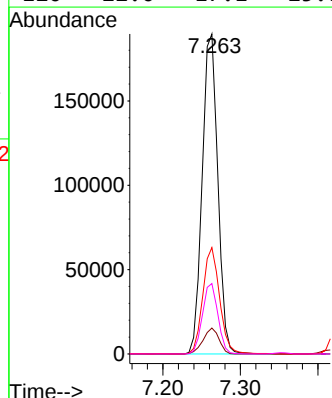
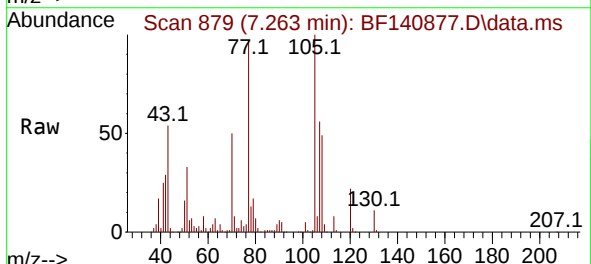
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

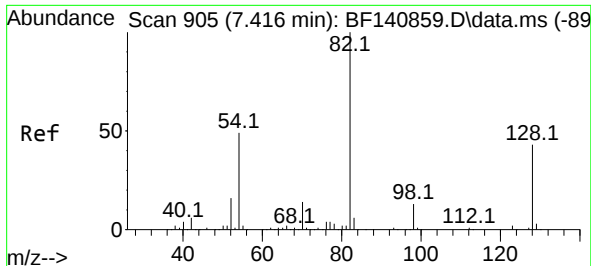
Tgt Ion	136	Resp:	198425
	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.6	5.6	8.4
68	4.9	4.2	6.2



#22
Acetophenone
Concen: 53.378 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt	Ion:105	Resp:	264952
Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.2	9.4
51	33.2	26.3	39.5
120	22.0	17.1	25.7

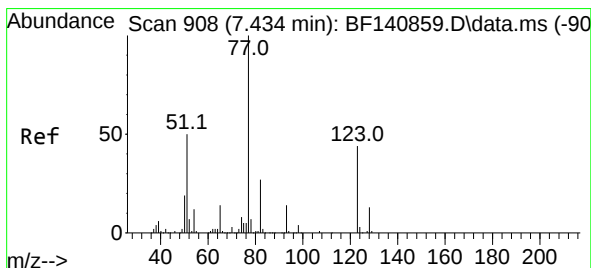
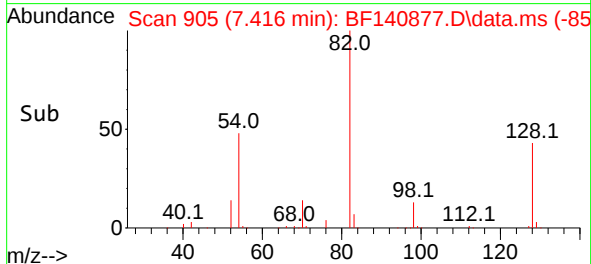
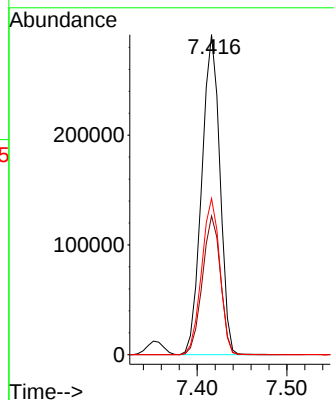
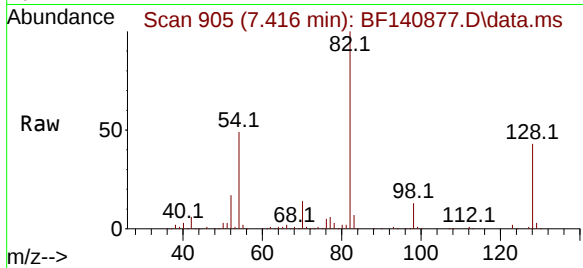




#23
 Nitrobenzene-d5
 Concen: 103.260 ng
 RT: 7.416 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: BF140877.D
 Acq: 17 Dec 2024 11:35

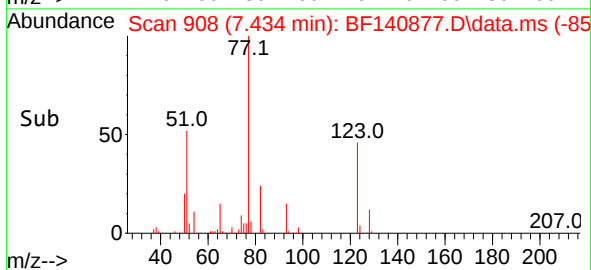
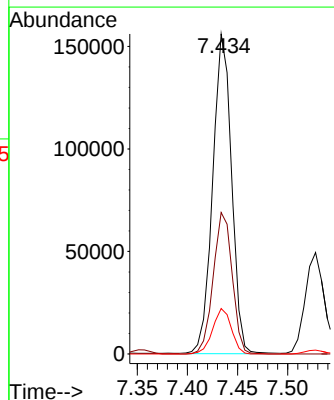
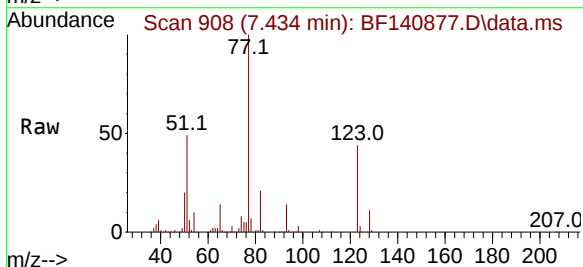
Instrument :
 BNA_F
 ClientSampleId :
 PB165623BSD

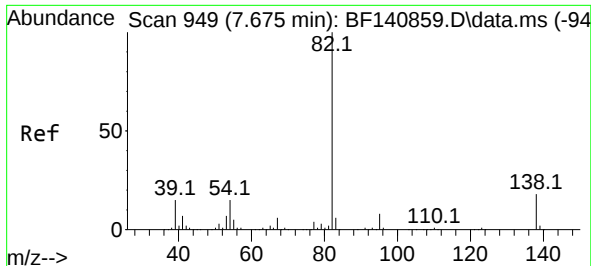
Tgt Ion: 82 Resp: 409532
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.4 51.6
 54 48.8 38.8 58.2



#24
 Nitrobenzene
 Concen: 50.281 ng
 RT: 7.434 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: BF140877.D
 Acq: 17 Dec 2024 11:35

Tgt Ion: 77 Resp: 204296
 Ion Ratio Lower Upper
 77 100
 123 44.2 35.0 52.4
 65 14.2 11.4 17.0

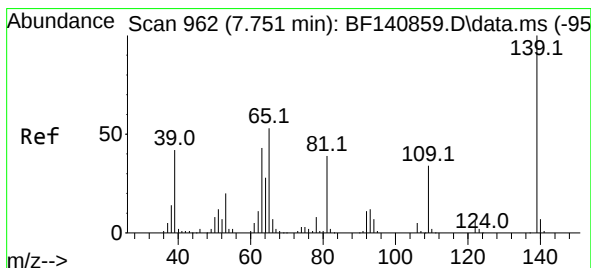
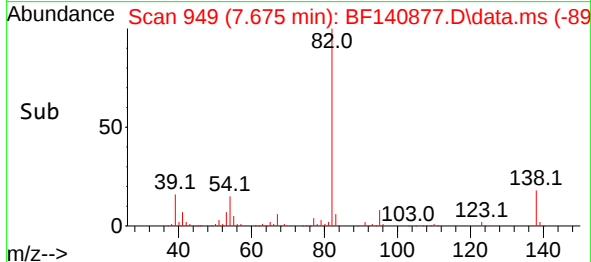
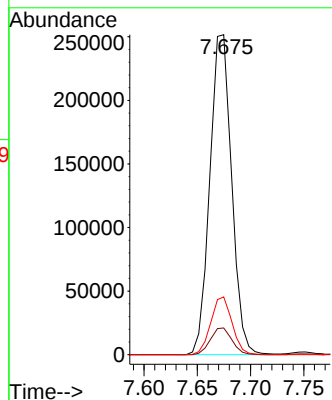
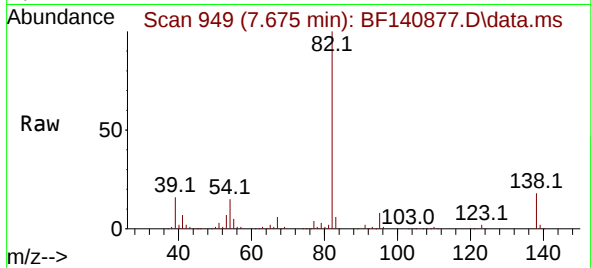




#25
Isophorone
Concen: 54.100 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

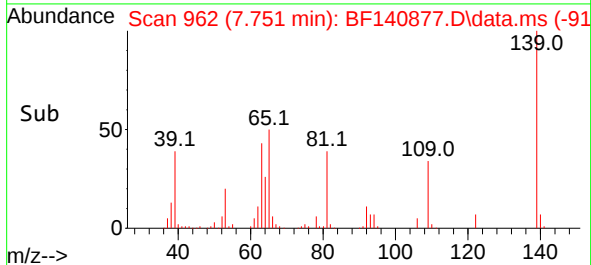
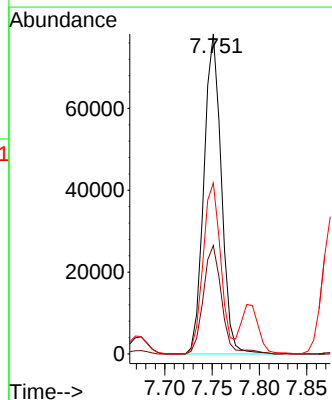
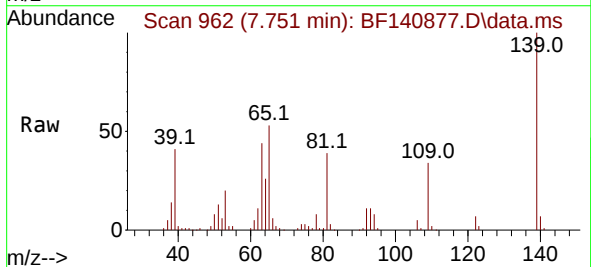
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

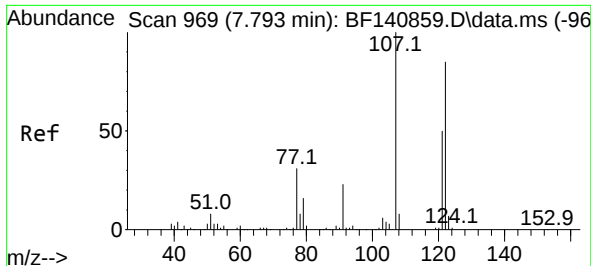
Tgt Ion: 82 Resp: 359511
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 18.1 14.1 21.1



#26
2-Nitrophenol
Concen: 53.456 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:139 Resp: 100033
Ion Ratio Lower Upper
139 100
109 33.9 26.9 40.3
65 53.5 42.6 64.0

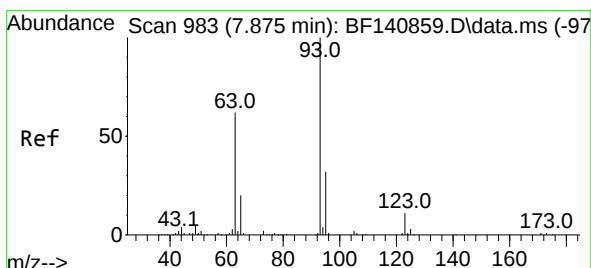
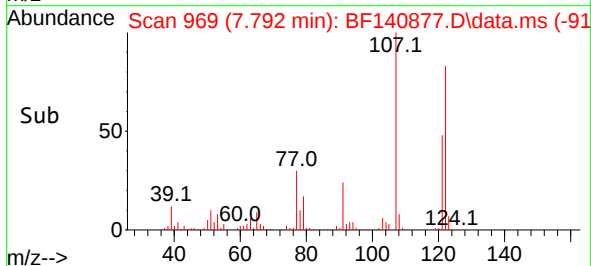
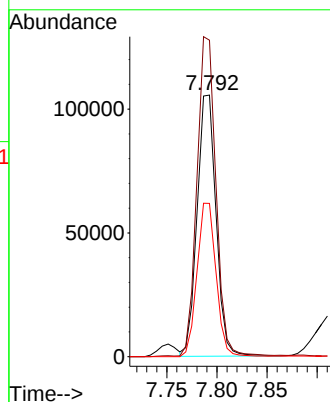
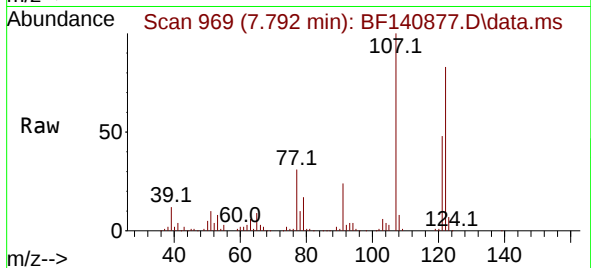




#27
2,4-Dimethylphenol
Concen: 63.591 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

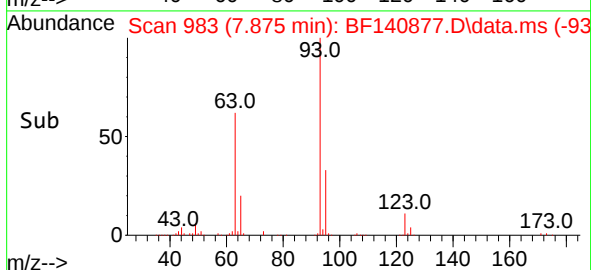
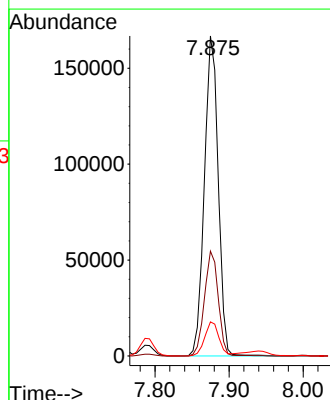
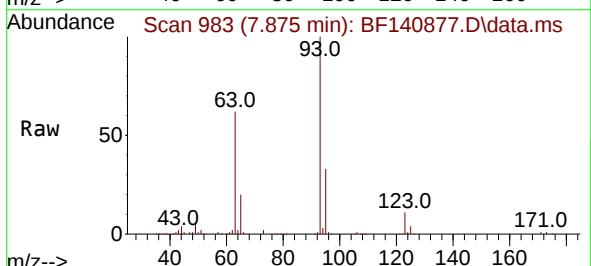
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

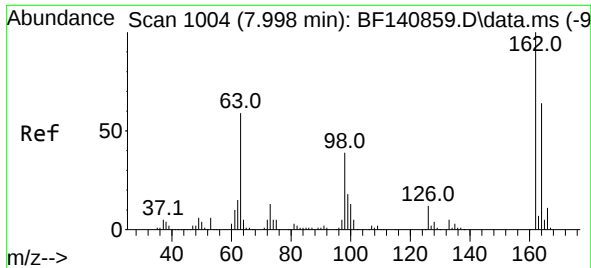
Tgt Ion:122 Resp: 138972
Ion Ratio Lower Upper
122 100
107 120.9 92.6 139.0
121 58.6 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 52.125 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion: 93 Resp: 216344
Ion Ratio Lower Upper
93 100
95 32.8 25.3 37.9
123 10.7 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 53.019 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

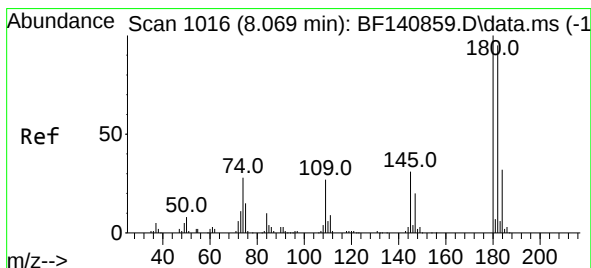
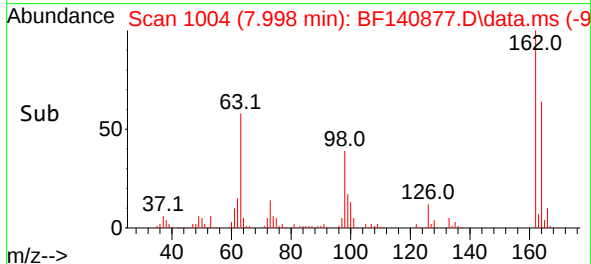
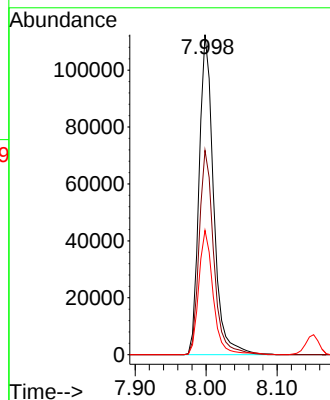
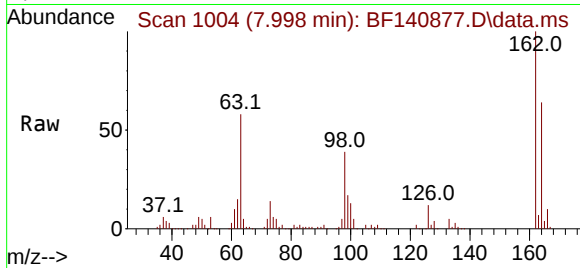
Tgt Ion:162 Resp: 159967

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

98 38.9 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 48.757 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

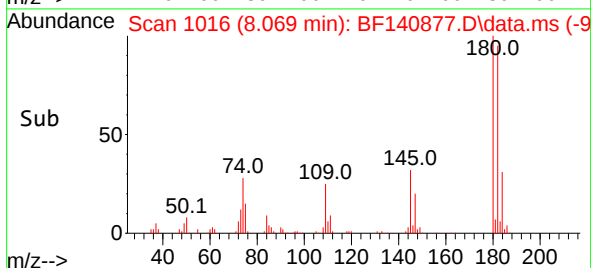
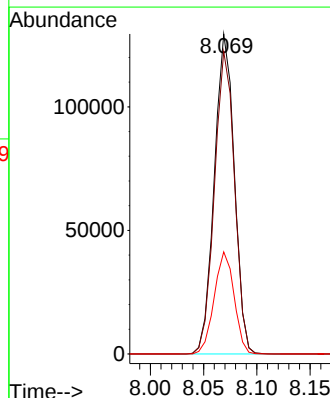
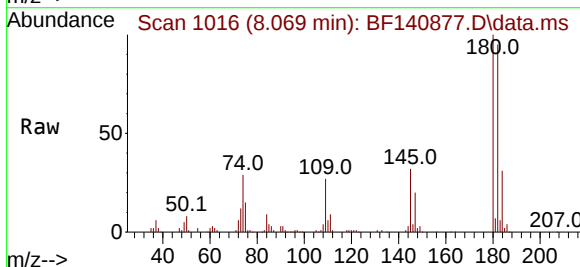
Tgt Ion:180 Resp: 168638

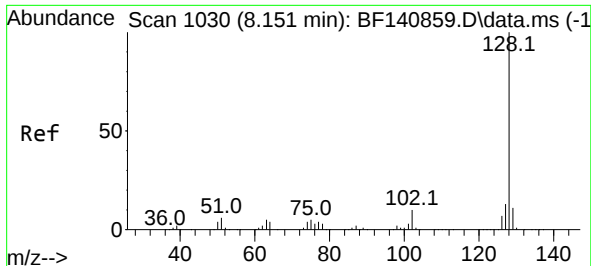
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

145 31.9 25.2 37.8

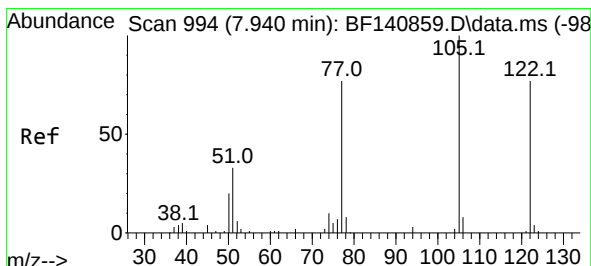
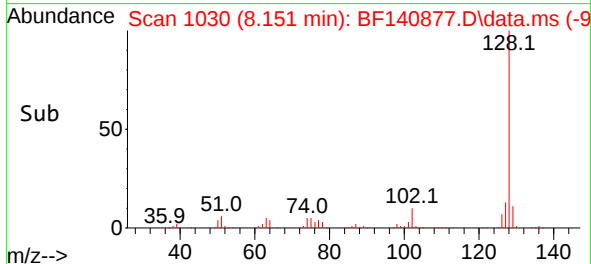
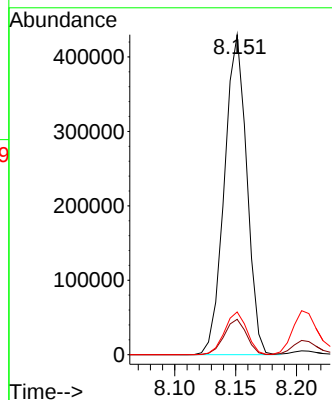
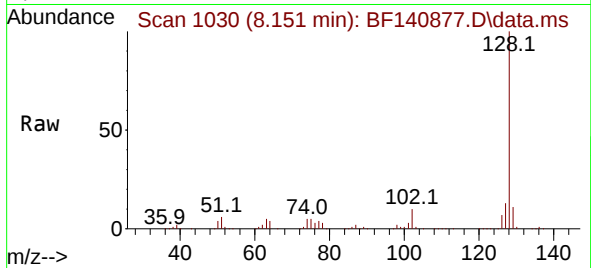




#31
Naphthalene
Concen: 50.468 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

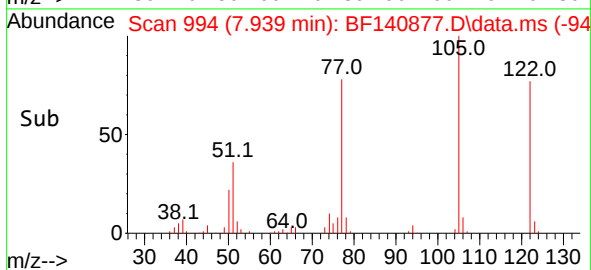
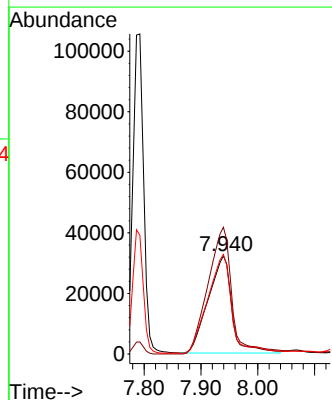
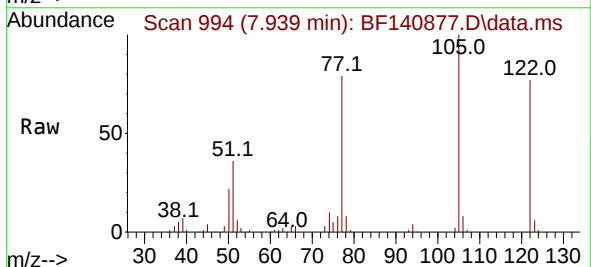
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

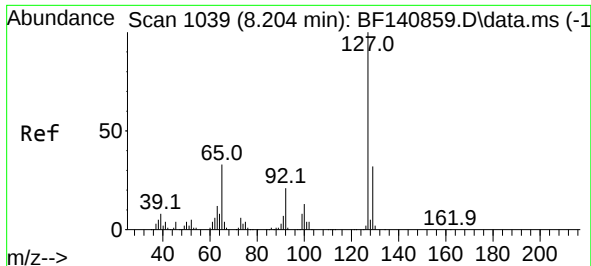
Tgt Ion:128 Resp: 550091
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 44.721 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.001 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:122 Resp: 92691
Ion Ratio Lower Upper
122 100
105 129.2 108.3 148.3
77 101.6 78.8 118.8

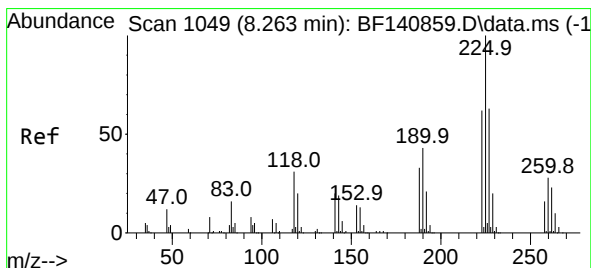
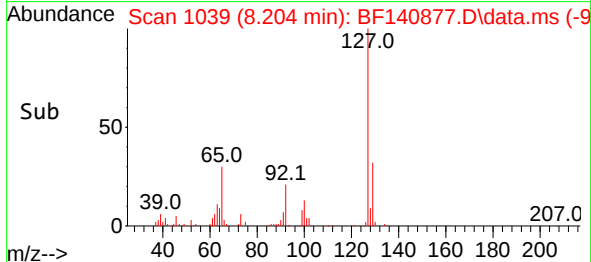
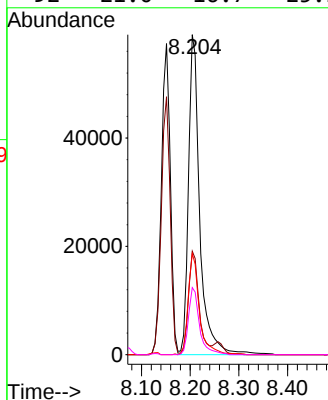
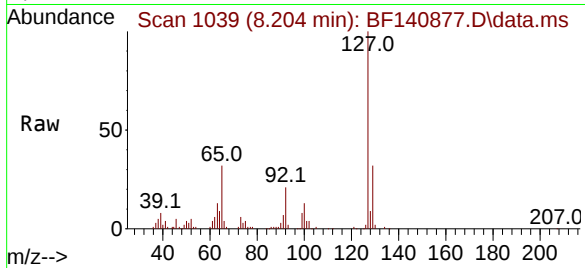




#33
4-Chloroaniline
Concen: 26.433 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

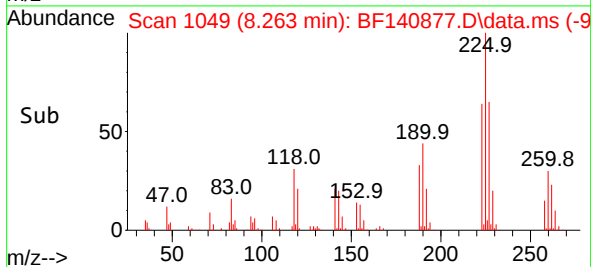
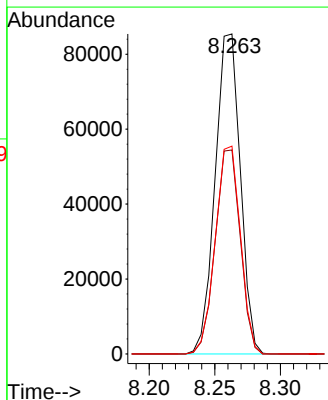
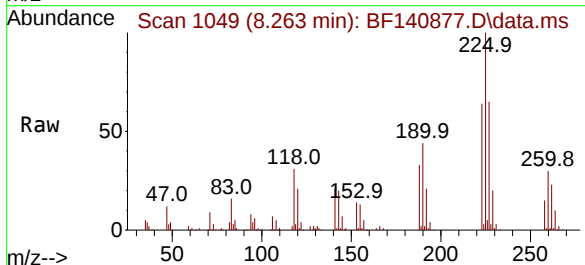
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

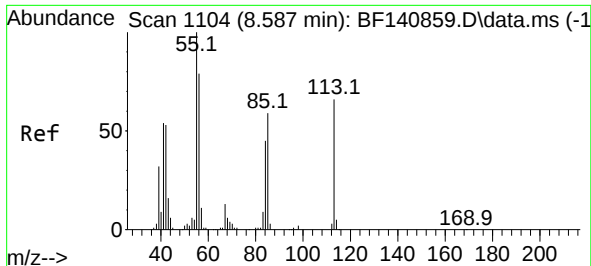
Tgt Ion:	127	Resp:	95690
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	31.6	26.0	39.0
92	21.0	16.7	25.1



#34
Hexachlorobutadiene
Concen: 49.049 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:	225	Resp:	114140
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.6	74.4
227	65.0	50.7	76.1

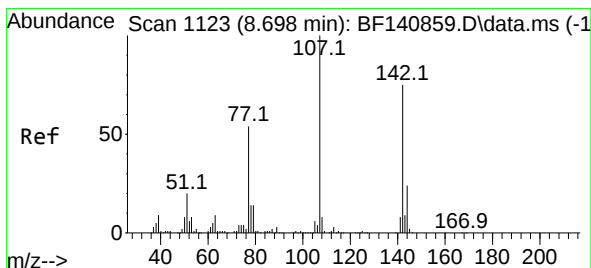
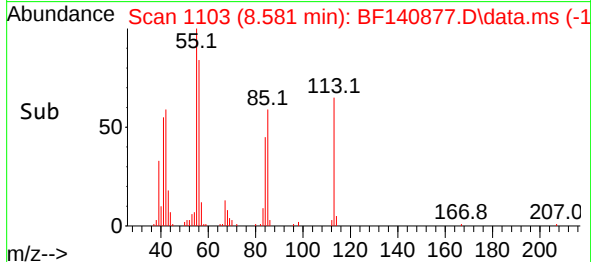
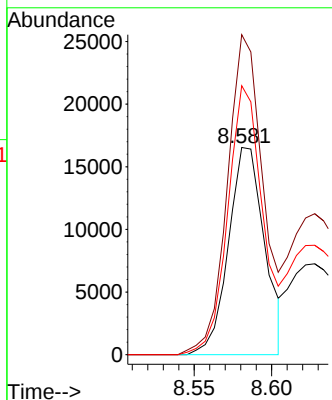
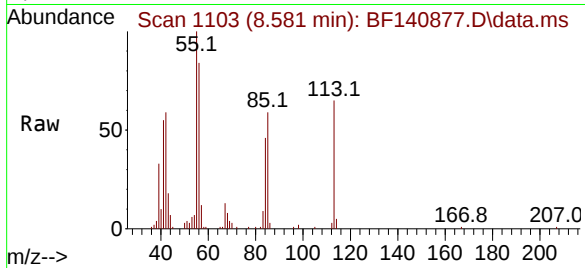




#35
Caprolactam
Concen: 29.834 ng
RT: 8.581 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

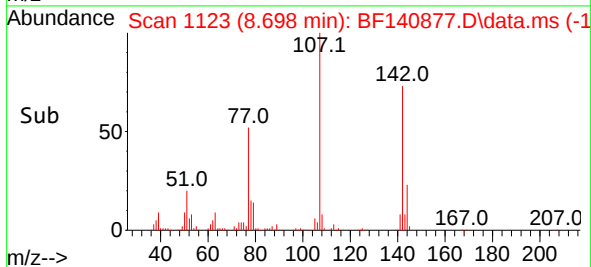
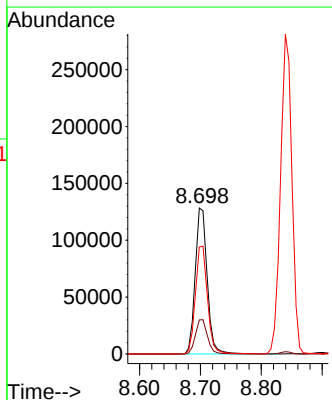
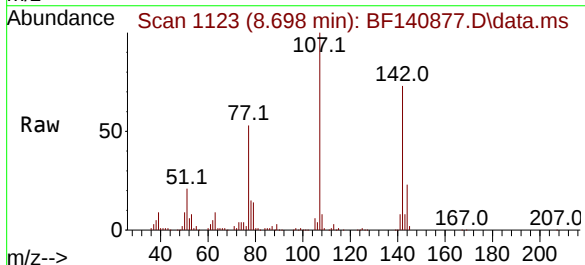
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

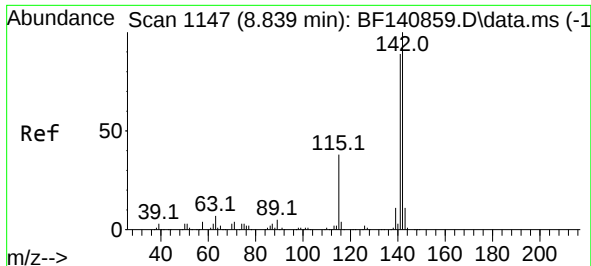
Tgt Ion:113 Resp: 26798
Ion Ratio Lower Upper
113 100
55 154.4 132.3 172.3
56 129.7 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 51.771 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:107 Resp: 175809
Ion Ratio Lower Upper
107 100
144 23.3 19.4 29.2
142 73.3 60.3 90.5

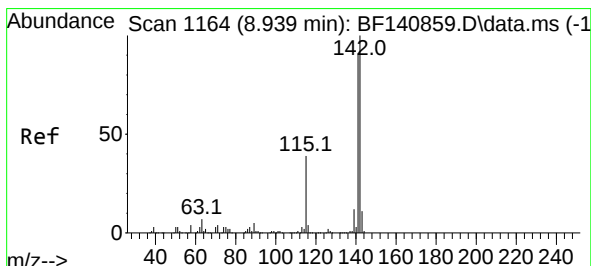
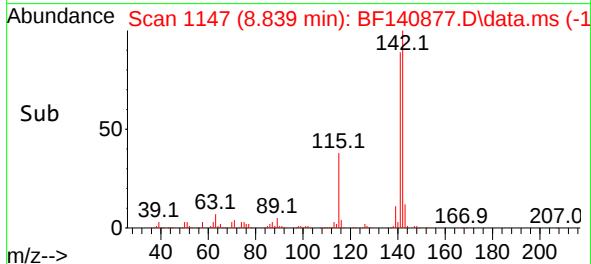
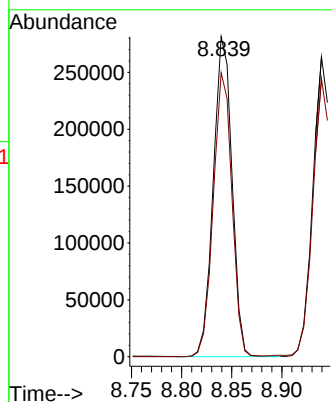
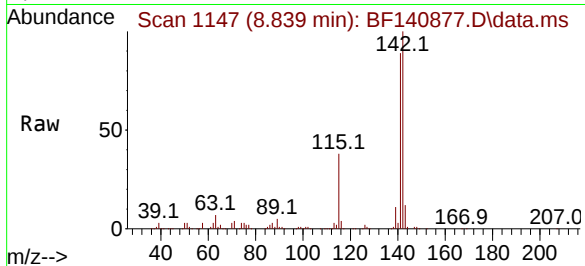




#37
2-Methylnaphthalene
Concen: 50.489 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

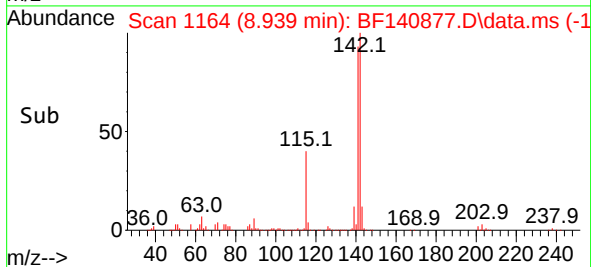
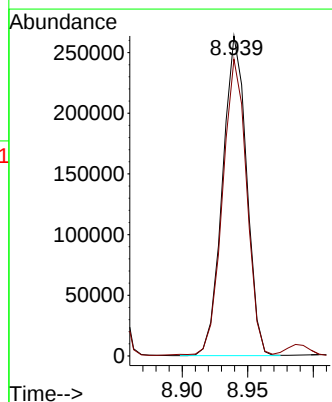
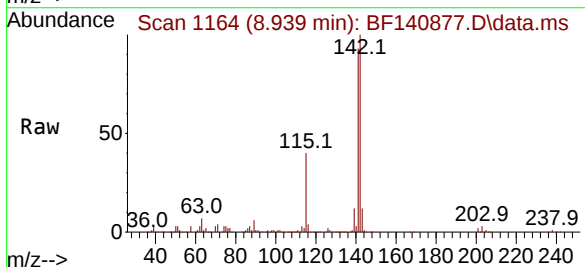
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

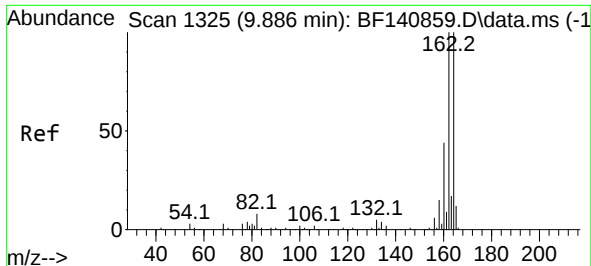
Tgt Ion:142 Resp: 364035
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6



#38
1-Methylnaphthalene
Concen: 47.058 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:142 Resp: 335559
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.0

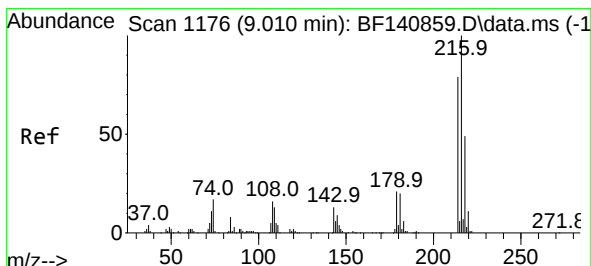
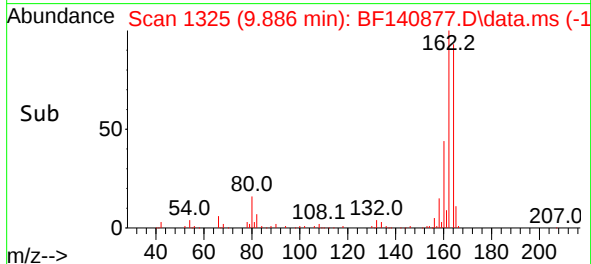
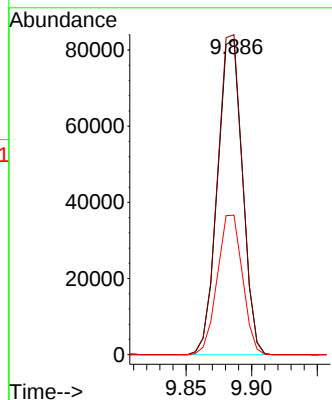
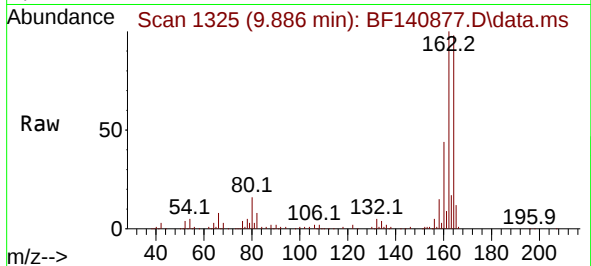




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

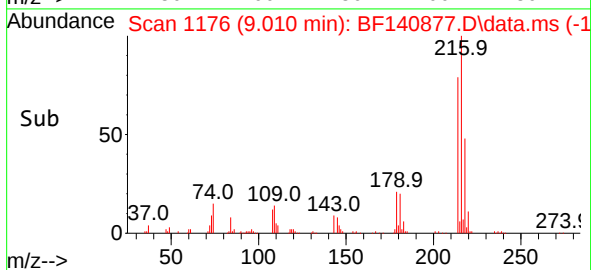
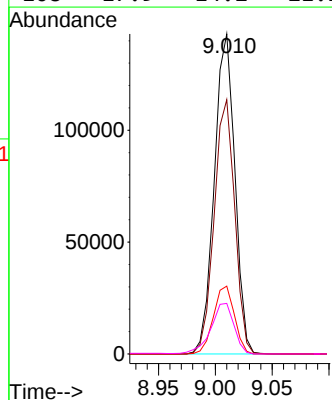
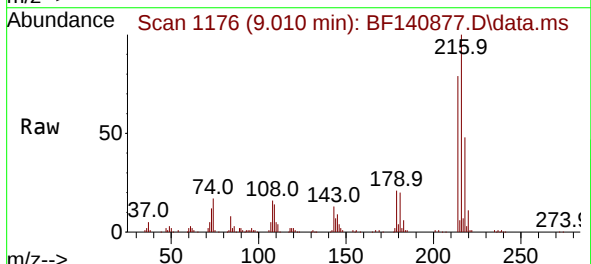
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion:164 Resp: 109384
Ion Ratio Lower Upper
164 100
162 101.7 79.9 119.9
160 44.3 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.653 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:216 Resp: 180385
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 21.6 17.0 25.4
108 17.9 14.2 21.2

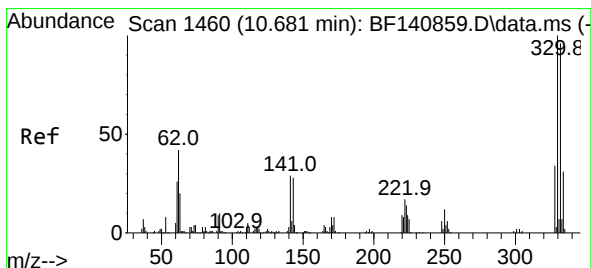
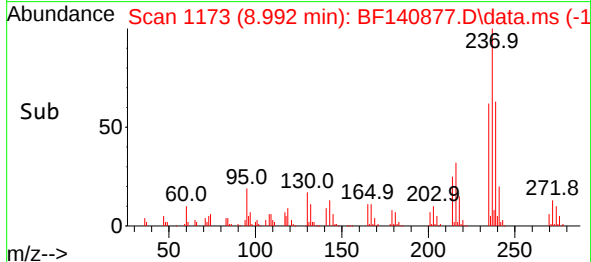
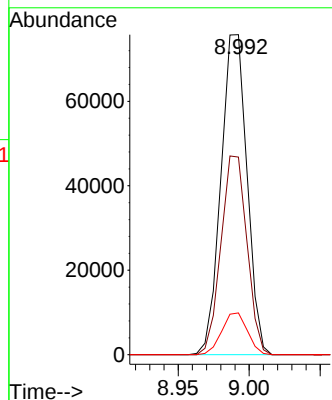
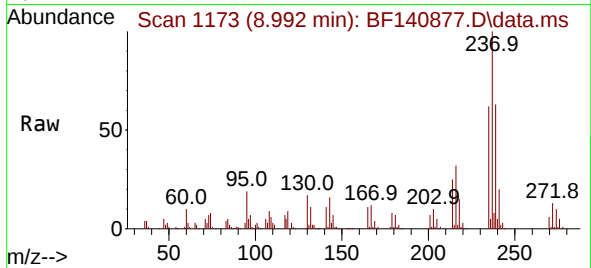




#41
Hexachlorocyclopentadiene
Concen: 80.007 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

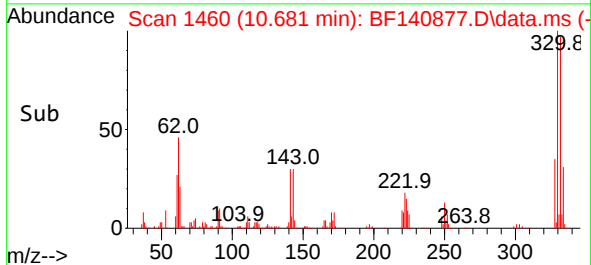
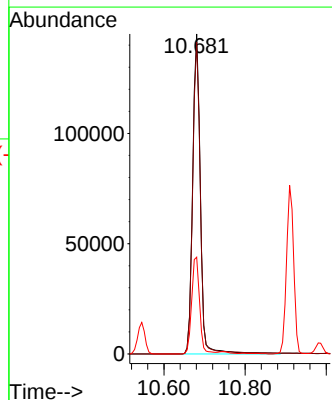
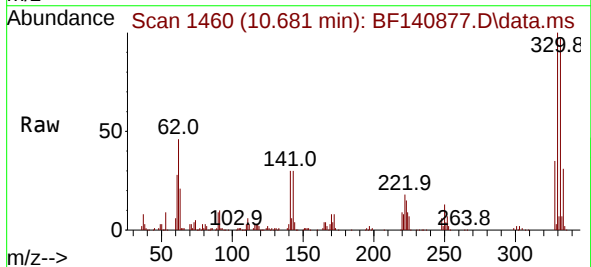
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

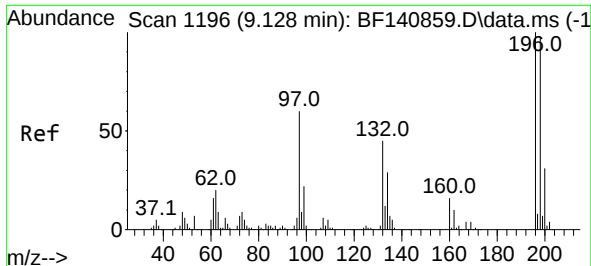
Tgt Ion:237 Resp: 96805
Ion Ratio Lower Upper
237 100
235 61.7 43.7 83.7
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 147.990 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:330 Resp: 191455
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 31.1 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 51.912 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

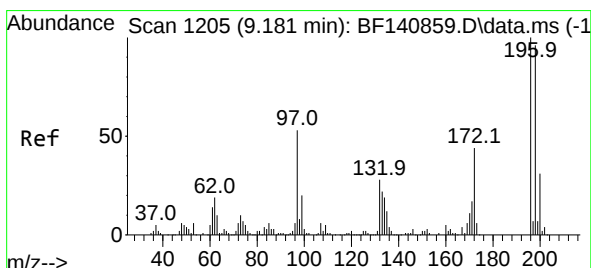
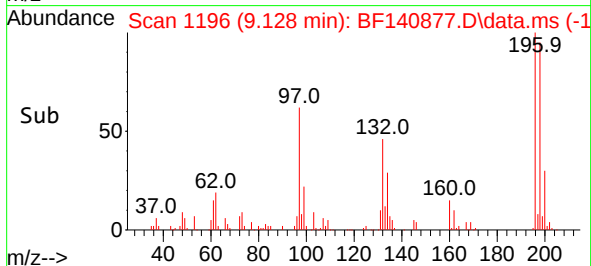
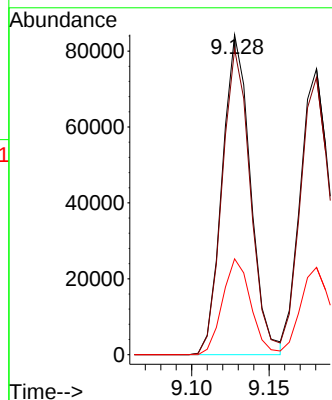
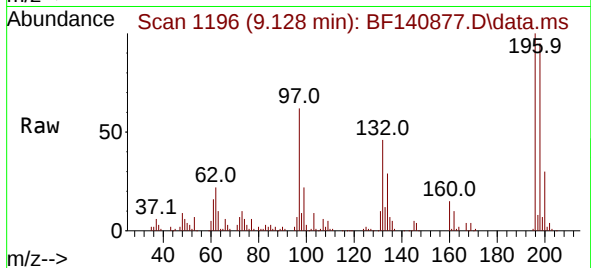
Tgt Ion:196 Resp: 106870

Ion Ratio Lower Upper

196 100

198 95.5 77.4 116.0

200 29.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 49.233 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Tgt Ion:196 Resp: 111401

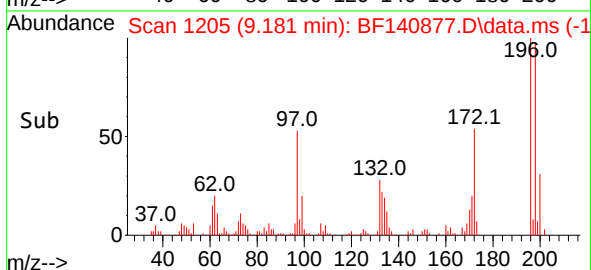
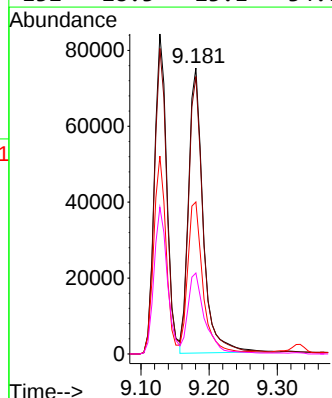
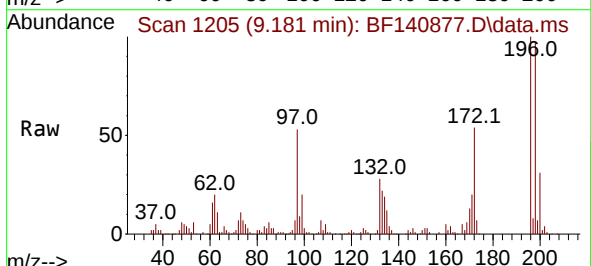
Ion Ratio Lower Upper

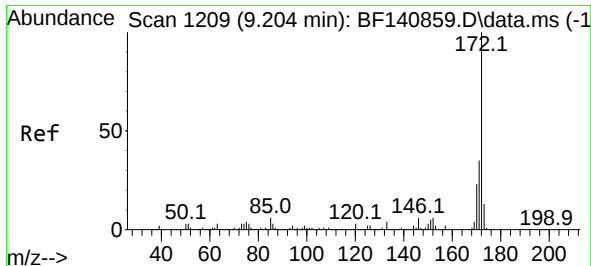
196 100

198 97.0 77.2 115.8

97 53.2 42.2 63.4

132 28.3 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 103.651 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

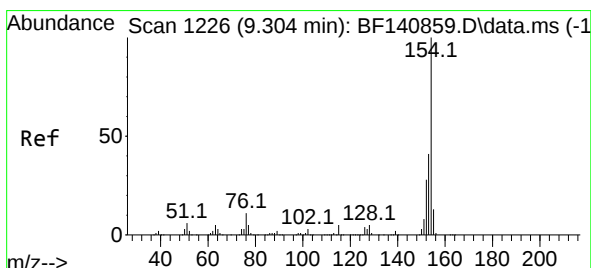
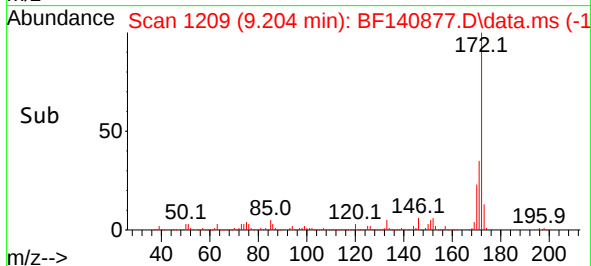
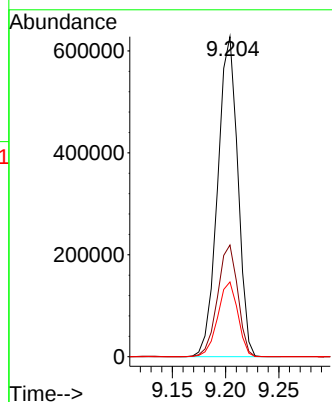
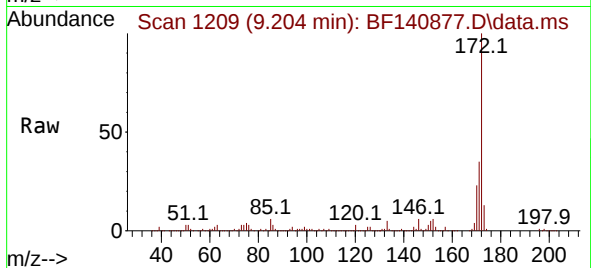
Tgt Ion:172 Resp: 824652

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 52.831 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

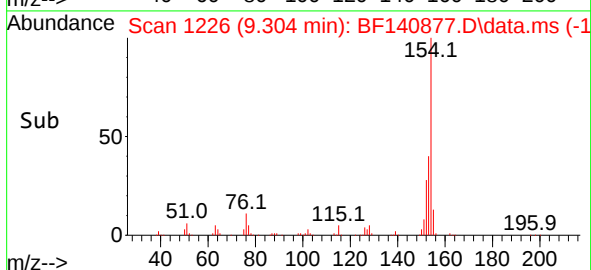
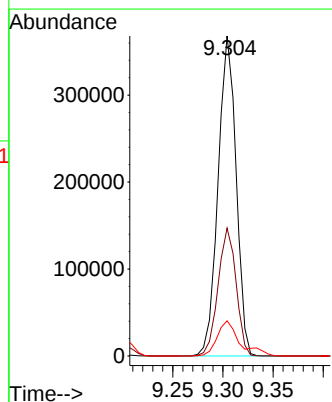
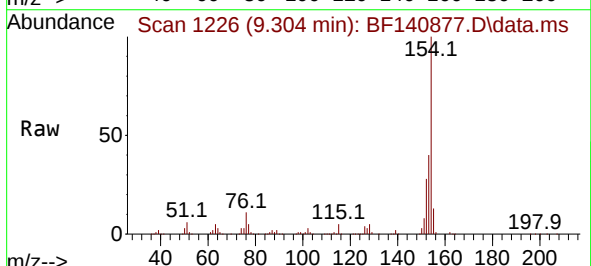
Tgt Ion:154 Resp: 459523

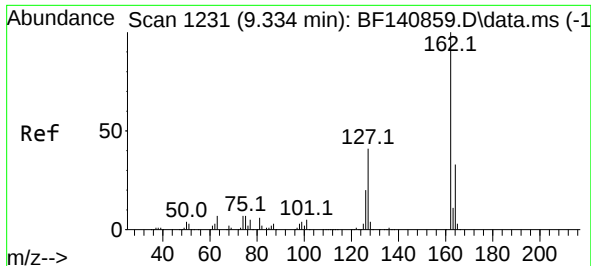
Ion Ratio Lower Upper

154 100

153 39.9 20.8 60.8

76 11.0 0.0 31.0

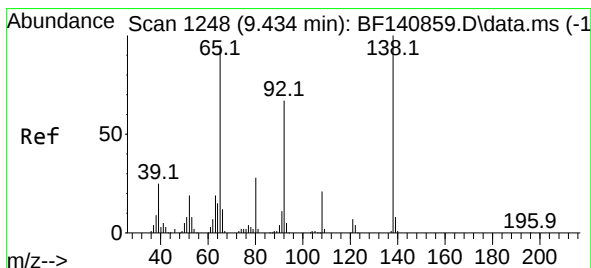
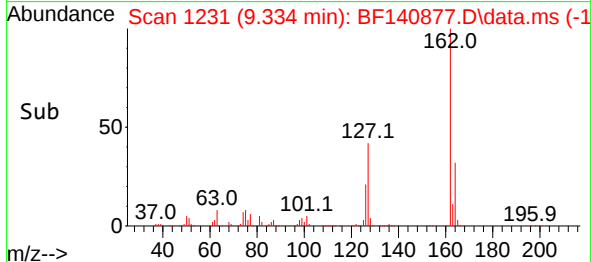
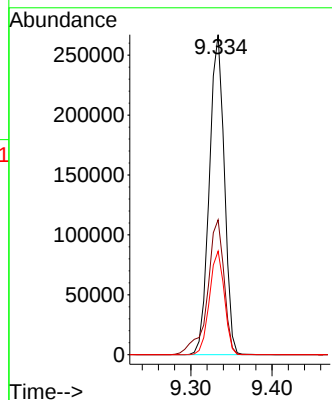
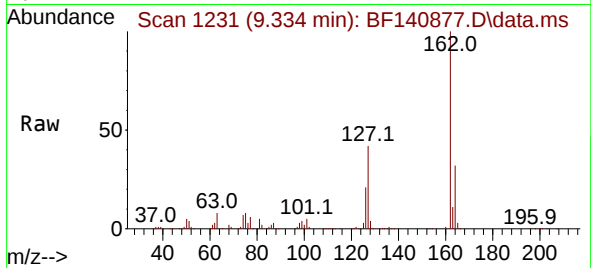




#47
2-Chloronaphthalene
Concen: 51.350 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

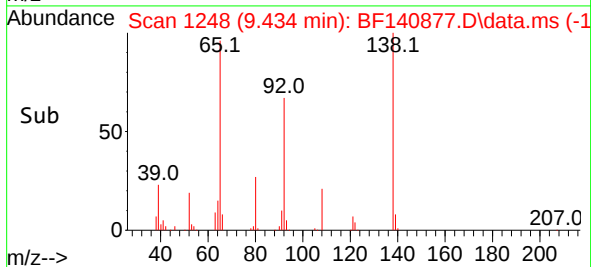
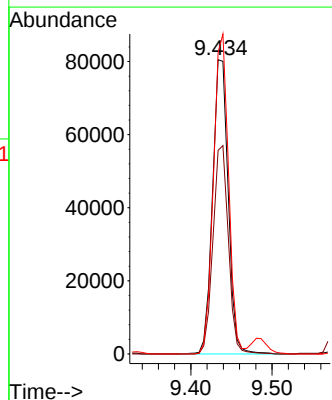
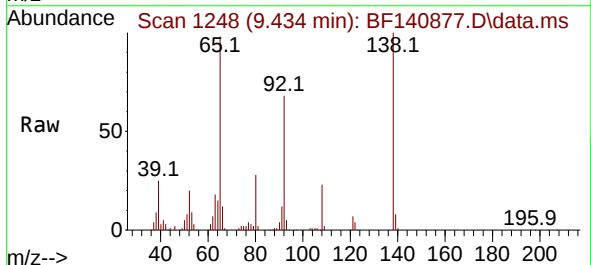
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

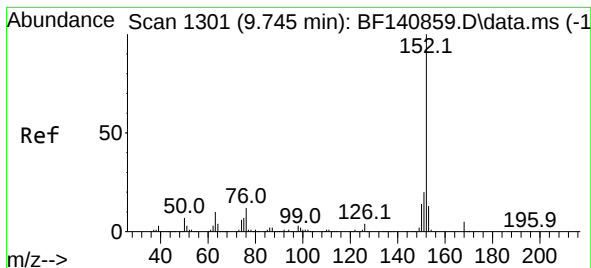
Tgt Ion:162 Resp: 341689
Ion Ratio Lower Upper
162 100
127 42.1 33.5 50.3
164 32.3 26.2 39.2



#48
2-Nitroaniline
Concen: 53.514 ng
RT: 9.434 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion: 65 Resp: 107544
Ion Ratio Lower Upper
65 100
92 69.2 56.3 84.5
138 102.4 83.8 125.6





#49

Acenaphthylene

Concen: 55.339 ng

RT: 9.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

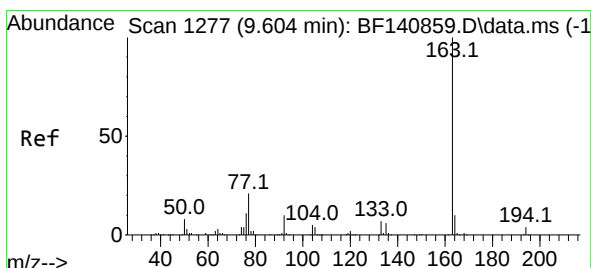
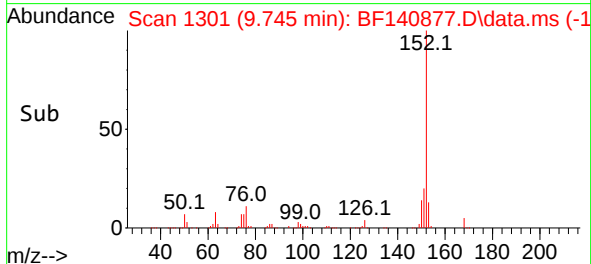
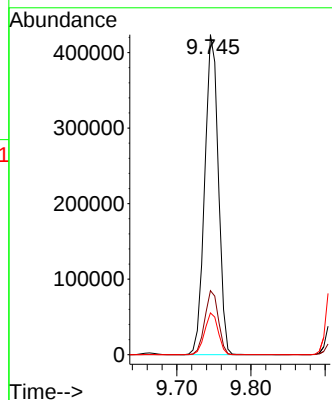
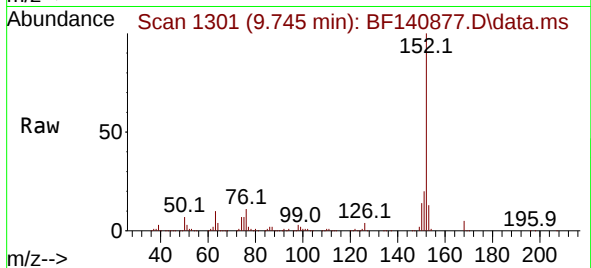
Tgt Ion:152 Resp: 541139

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 54.241 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

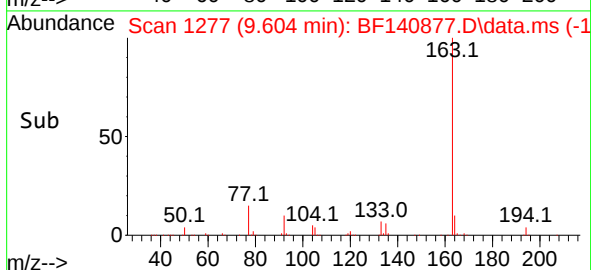
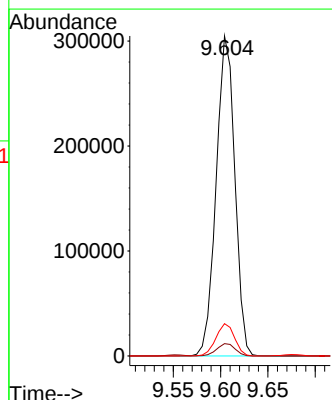
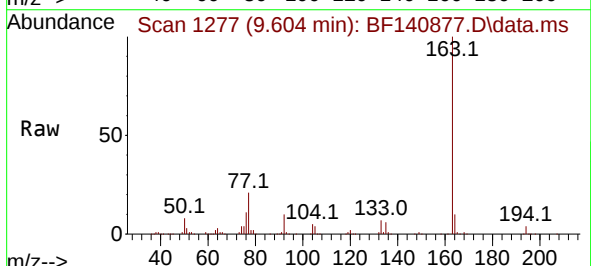
Tgt Ion:163 Resp: 418300

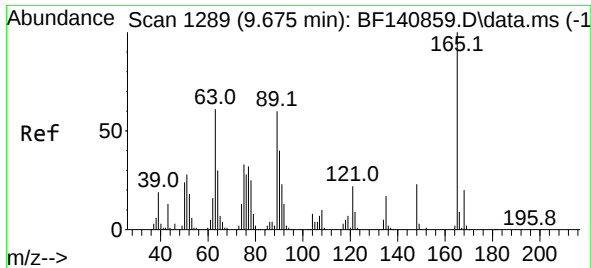
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.1 12.1

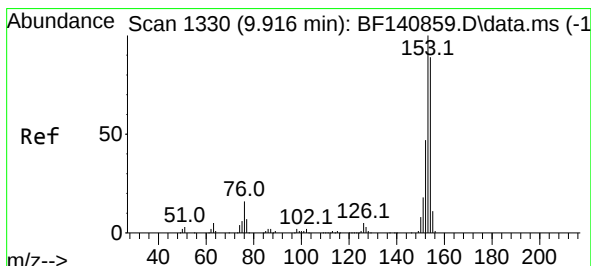
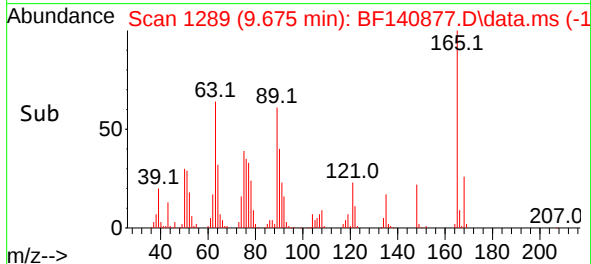
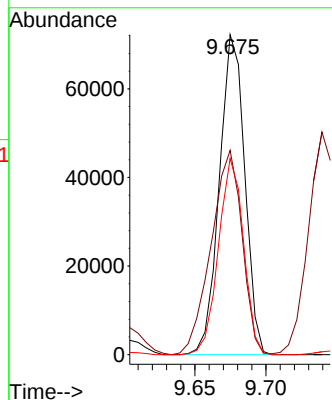
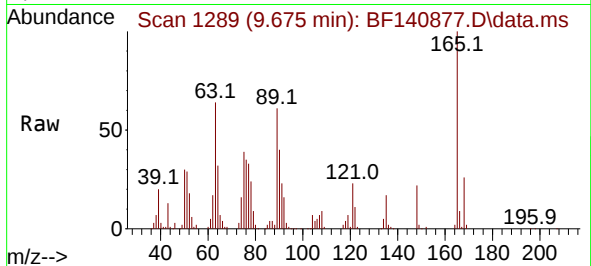




#51
2,6-Dinitrotoluene
Concen: 50.852 ng
RT: 9.675 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

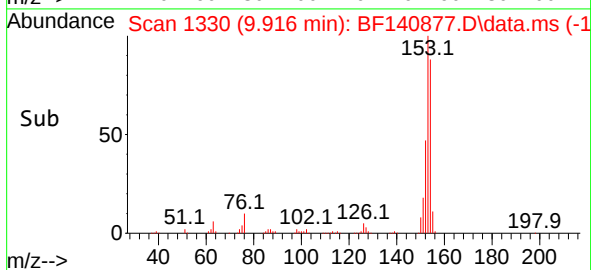
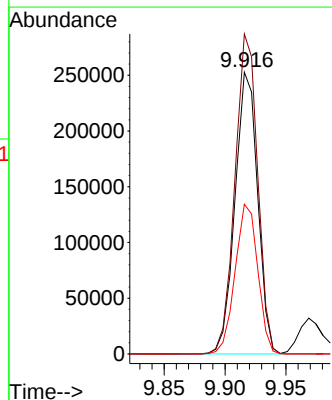
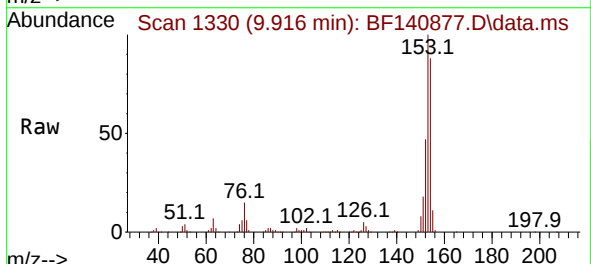
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

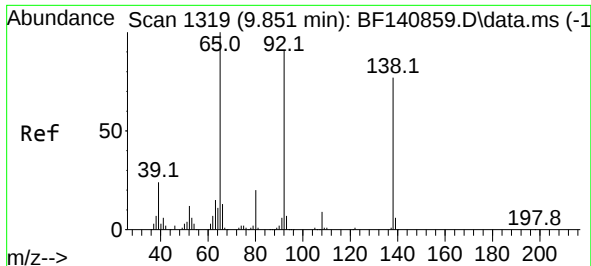
Tgt Ion:165 Resp: 89652
Ion Ratio Lower Upper
165 100
63 63.8 49.7 74.5
89 61.3 48.2 72.4



#52
Acenaphthene
Concen: 52.391 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:154 Resp: 327255
Ion Ratio Lower Upper
154 100
153 113.6 89.9 134.9
152 53.2 42.6 63.8

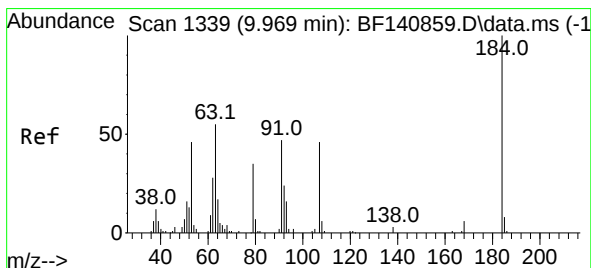
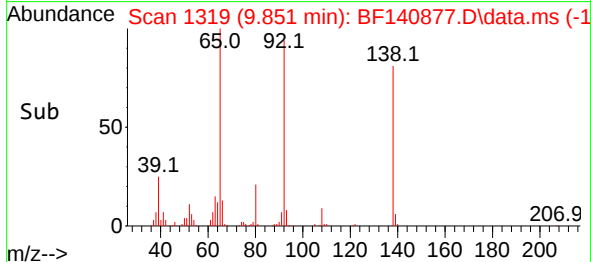
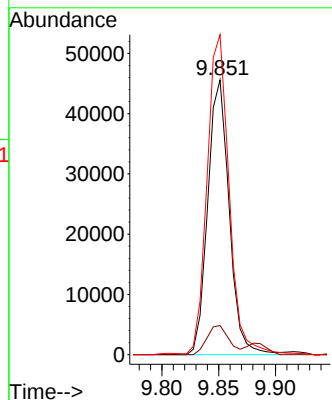
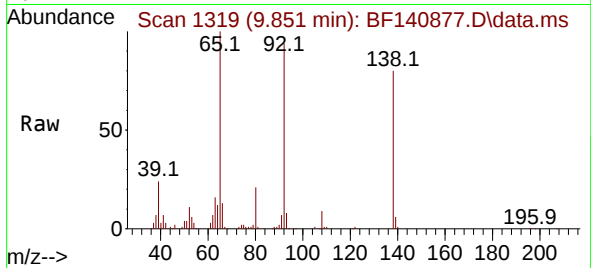




#53
3-Nitroaniline
Concen: 34.227 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

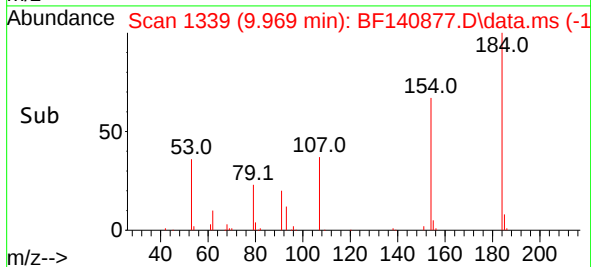
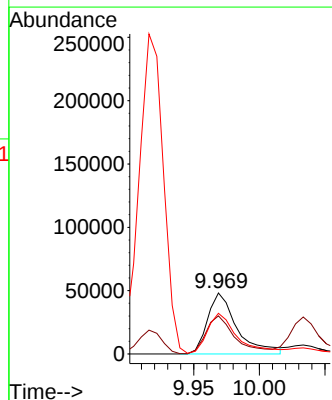
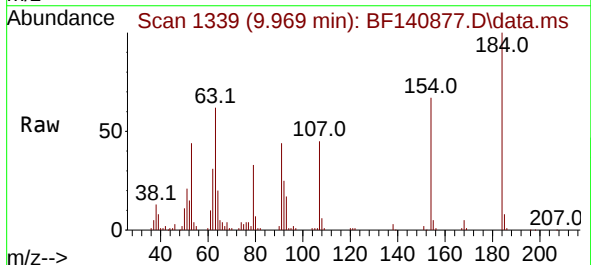
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

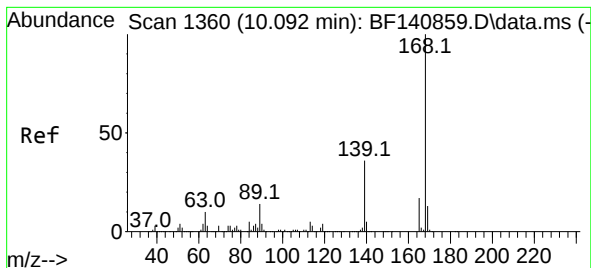
Tgt Ion:138 Resp: 59883
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 116.5 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 87.117 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:184 Resp: 75484
Ion Ratio Lower Upper
184 100
63 62.5 51.6 77.4
154 66.8 56.1 84.1





#55

Dibenzenofuran

Concen: 51.607 ng

RT: 10.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

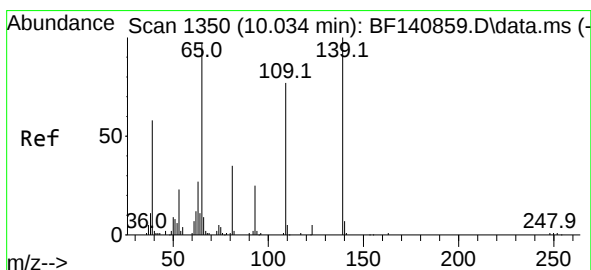
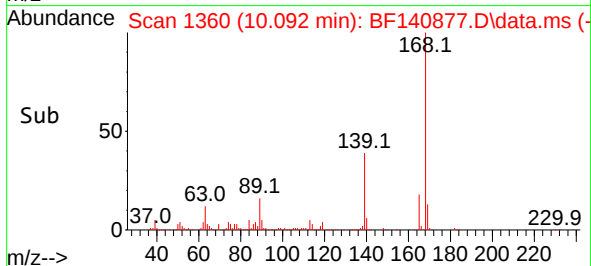
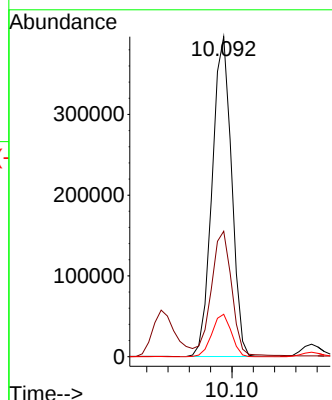
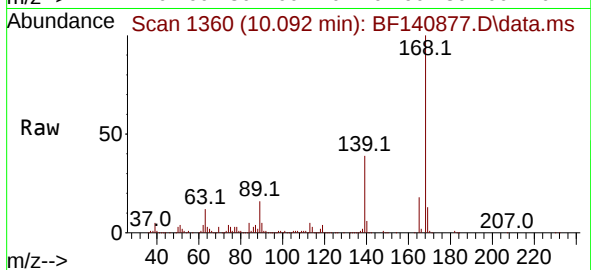
Tgt Ion:168 Resp: 499515

Ion Ratio Lower Upper

168 100

139 39.2 31.1 46.7

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 91.508 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.001 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

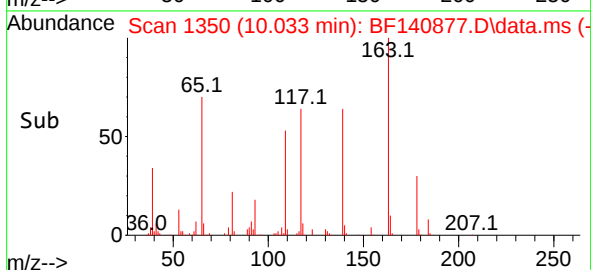
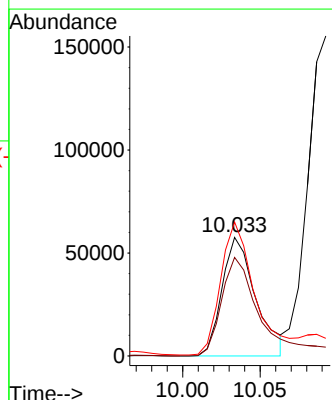
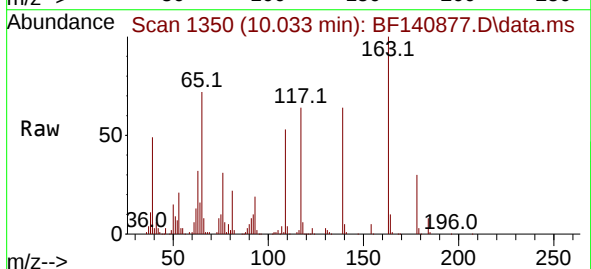
Tgt Ion:139 Resp: 86755

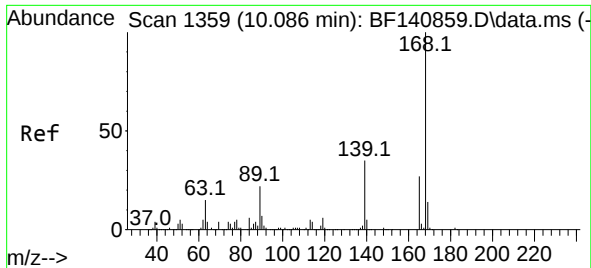
Ion Ratio Lower Upper

139 100

109 83.1 56.7 96.7

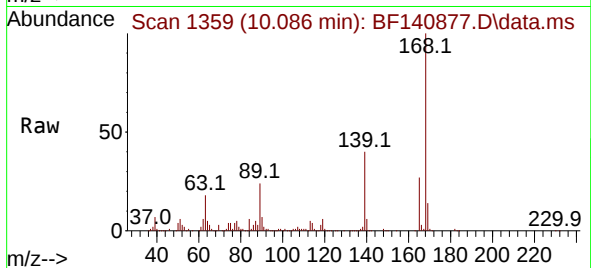
65 112.9 78.1 118.1



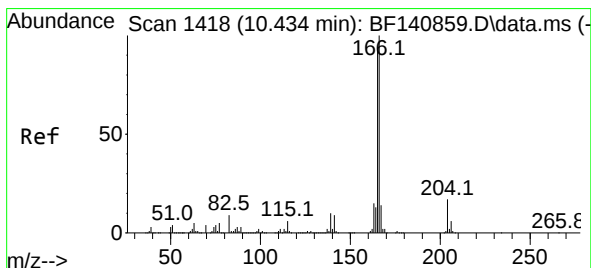
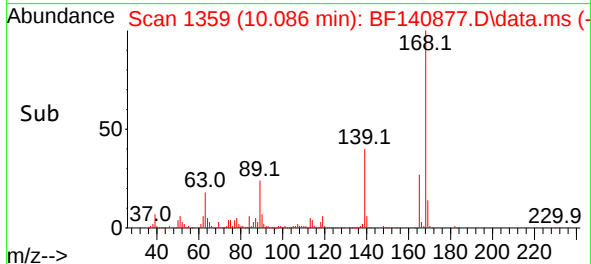
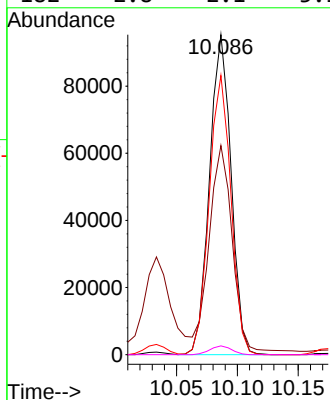


#57
2,4-Dinitrotoluene
Concen: 50.541 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

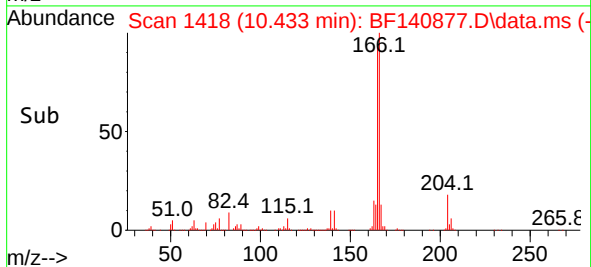
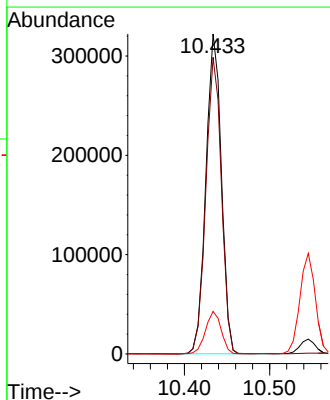
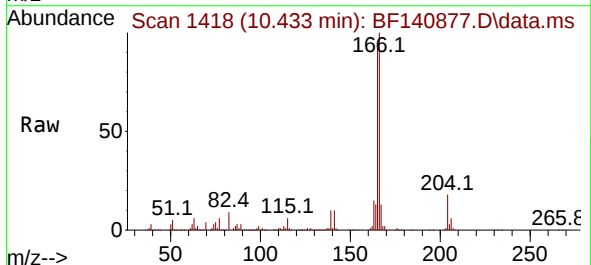


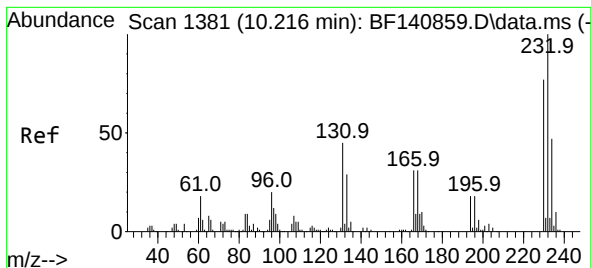
Tgt Ion:165 Resp: 117235
Ion Ratio Lower Upper
165 100
63 65.4 49.3 73.9
89 87.3 66.2 99.4
182 2.8 2.1 3.1



#58
Fluorene
Concen: 50.784 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:166 Resp: 405527
Ion Ratio Lower Upper
166 100
165 92.7 75.1 112.7
167 13.3 11.1 16.7



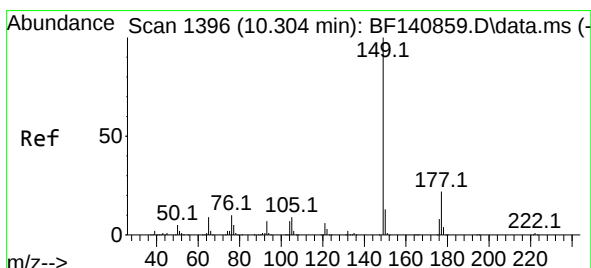
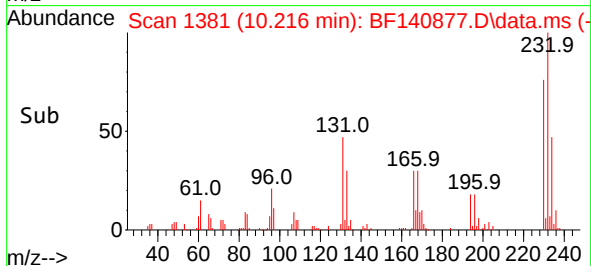
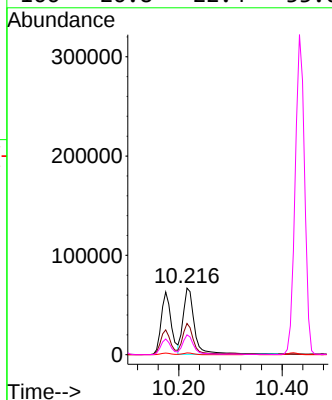
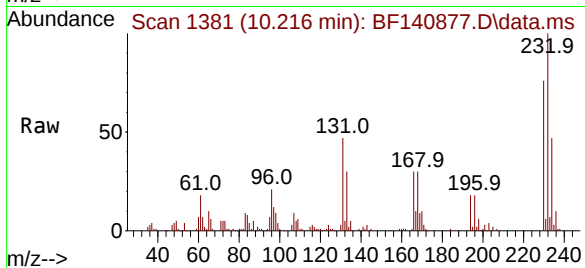


#59
2,3,4,6-Tetrachlorophenol
Concen: 54.993 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion:232 Resp: 101397

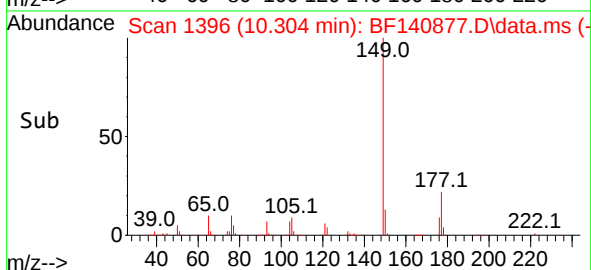
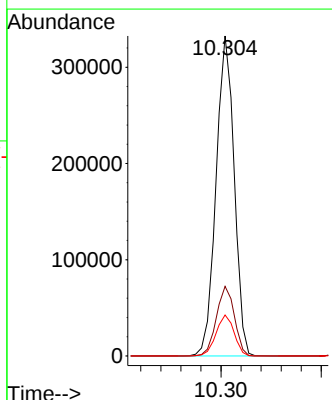
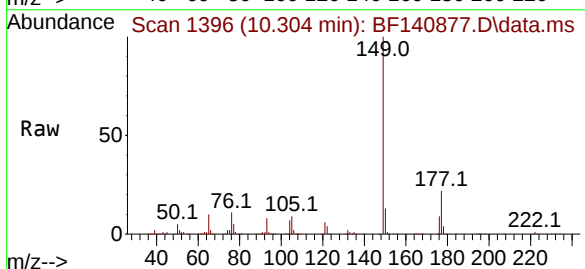
Ion	Ratio	Lower	Upper
232	100		
131	45.7	35.1	52.7
130	2.3	1.8	2.8
166	26.8	22.4	33.6

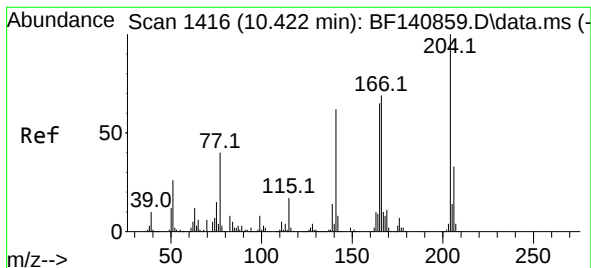


#60
Diethylphthalate
Concen: 52.105 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:149 Resp: 416676

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.2	25.8
150	12.8	10.1	15.1

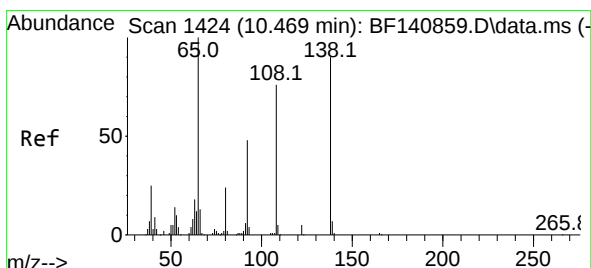
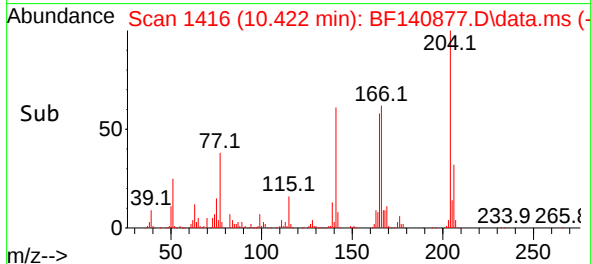
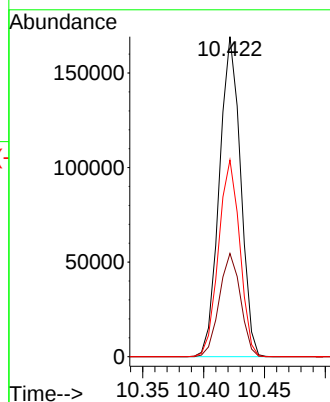
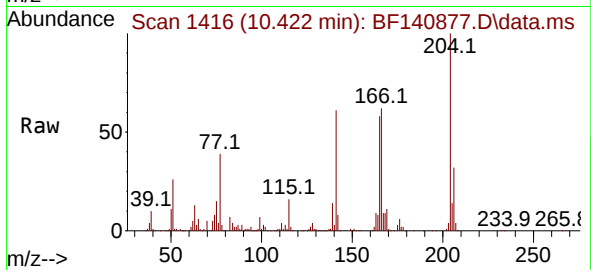




#61
4-Chlorophenyl-phenylether
Concen: 51.179 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

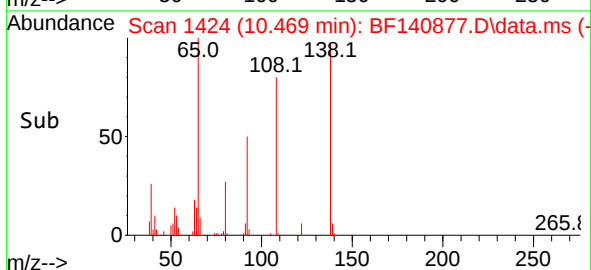
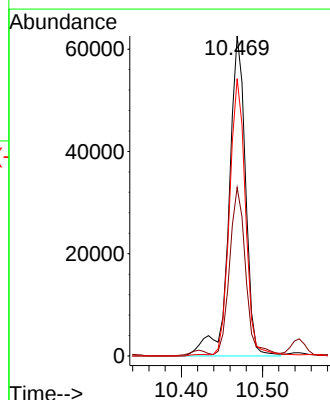
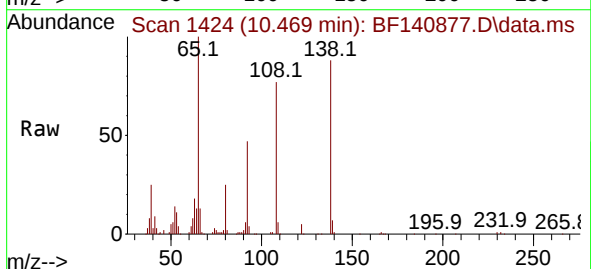
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

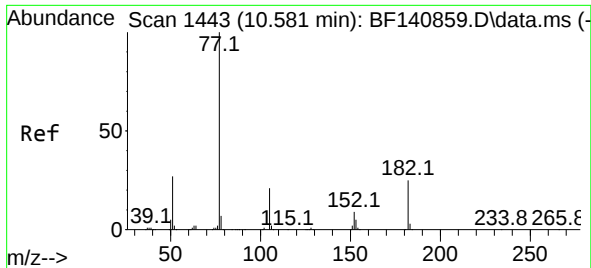
Tgt Ion:204 Resp: 205286
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 61.5 50.0 75.0



#62
4-Nitroaniline
Concen: 48.661 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:138 Resp: 88966
Ion Ratio Lower Upper
138 100
92 52.6 32.6 72.6
108 86.7 64.1 104.1

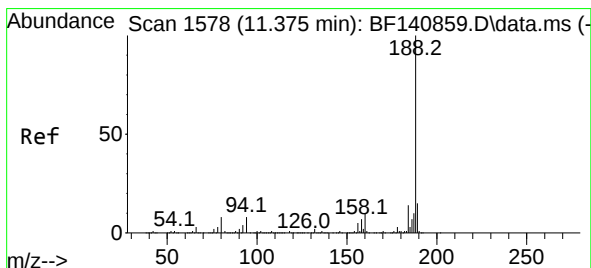
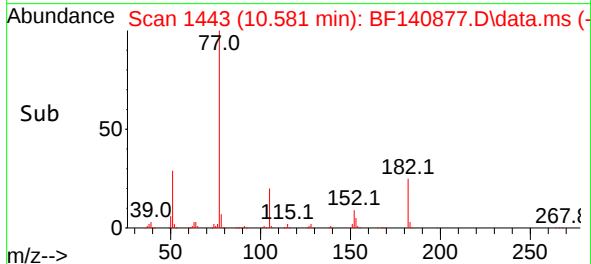
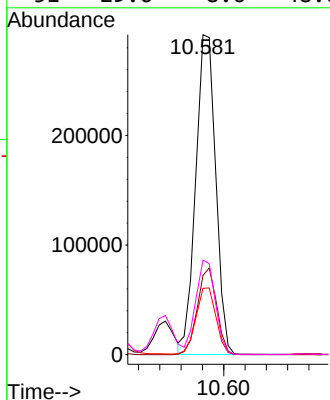
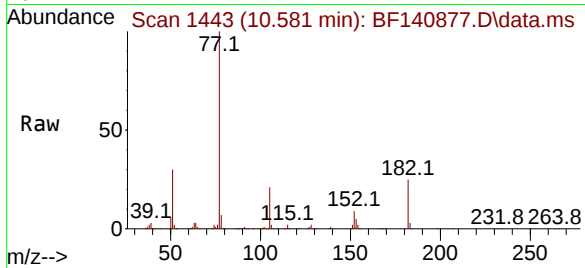




#63
Azobenzene
Concen: 50.725 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

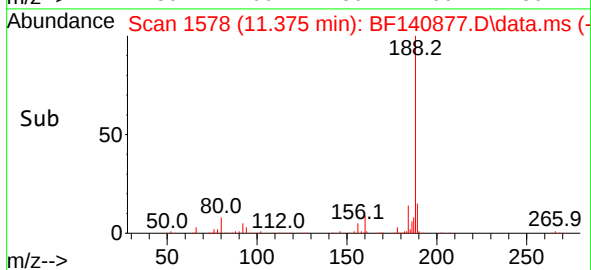
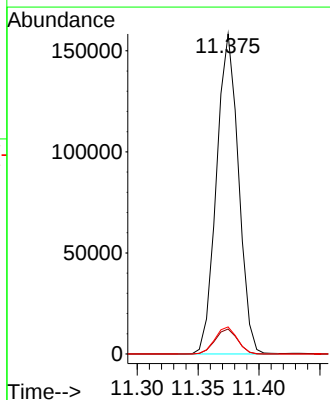
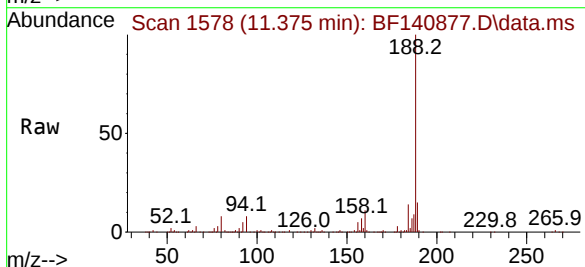
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

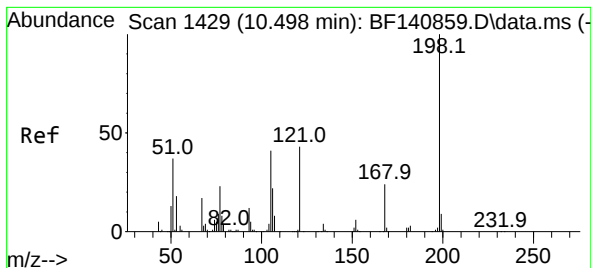
Tgt Ion: 77	Resp: 381354
Ion Ratio	Lower Upper
77 100	
182 24.8	4.5 44.5
105 20.8	0.9 40.9
51 29.6	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt	Ion:188	Resp:	199182
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.4	9.6
80	8.5	6.8	10.2

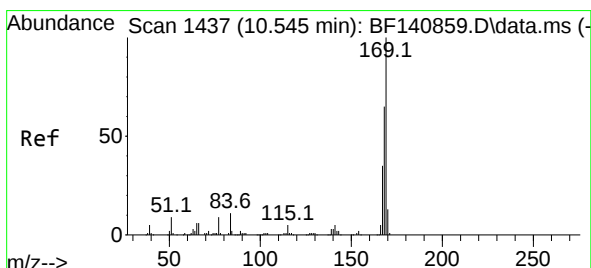
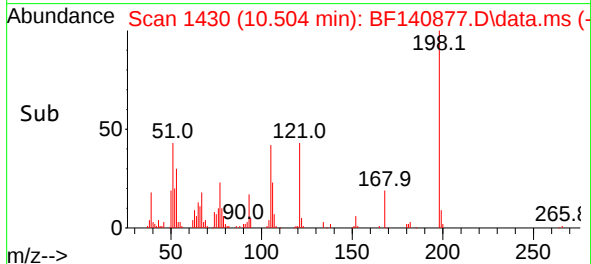
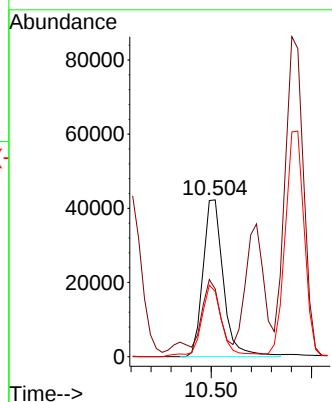
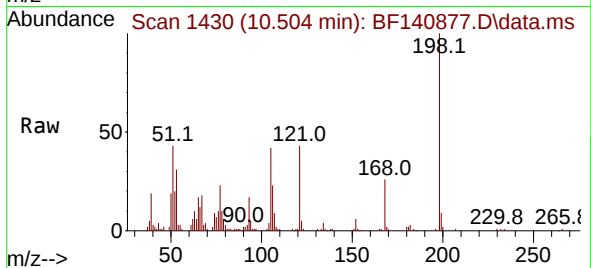




#65
4,6-Dinitro-2-methylphenol
Concen: 53.046 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

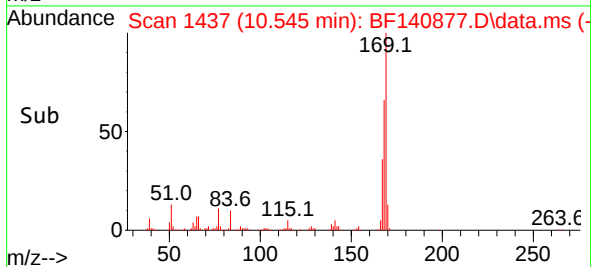
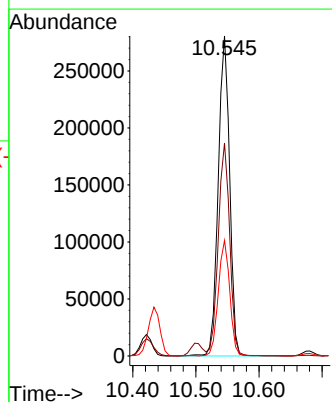
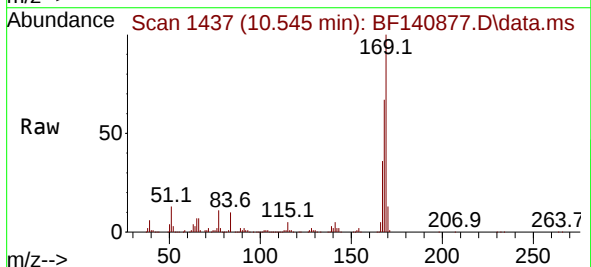
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

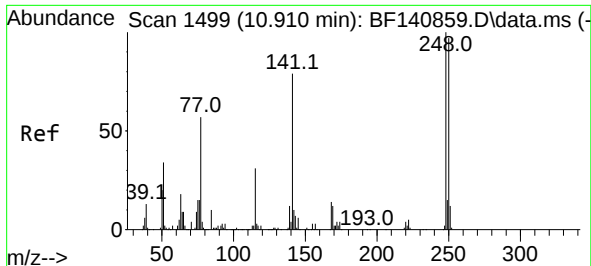
Tgt Ion:198 Resp: 59871
Ion Ratio Lower Upper
198 100
51 43.1 24.4 64.4
105 41.5 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 57.502 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:169 Resp: 352140
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 36.1 28.3 42.5

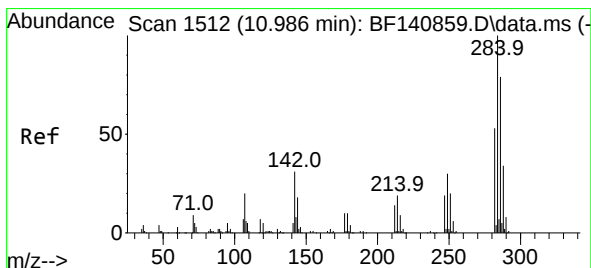
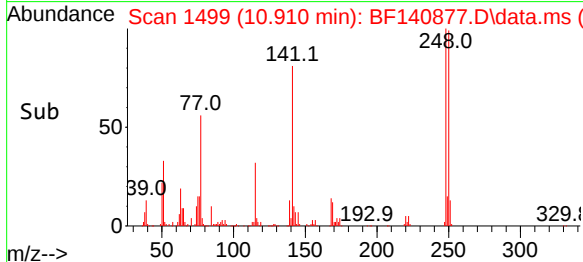
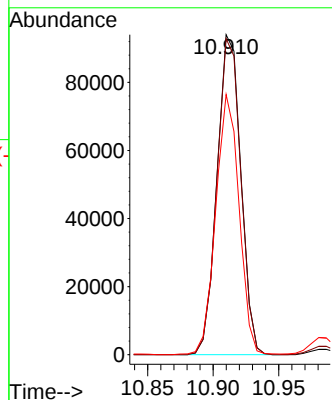
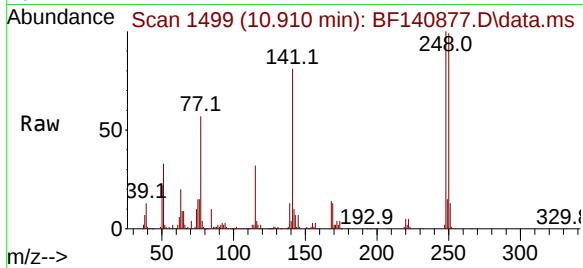




#67
4-Bromophenyl-phenylether
Concen: 53.332 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

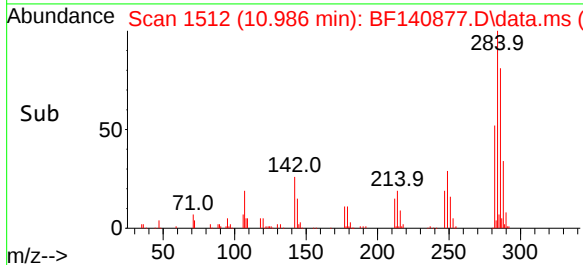
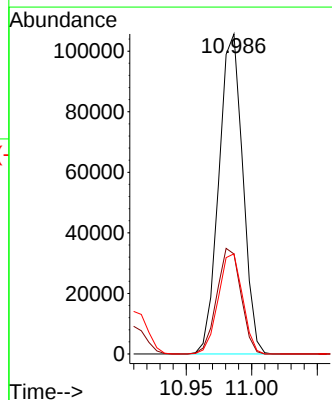
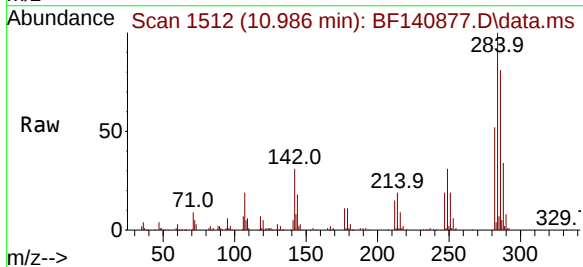
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

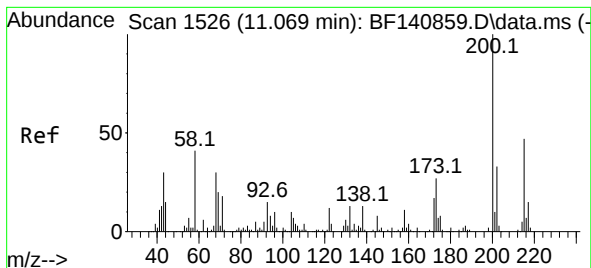
Tgt Ion:248 Resp: 118840
Ion Ratio Lower Upper
248 100
250 98.7 77.4 116.2
141 81.3 62.9 94.3



#68
Hexachlorobenzene
Concen: 53.026 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:284 Resp: 133965
Ion Ratio Lower Upper
284 100
142 31.2 24.6 36.8
249 31.3 24.3 36.5





#69

Atrazine

Concen: 67.954 ng

RT: 11.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

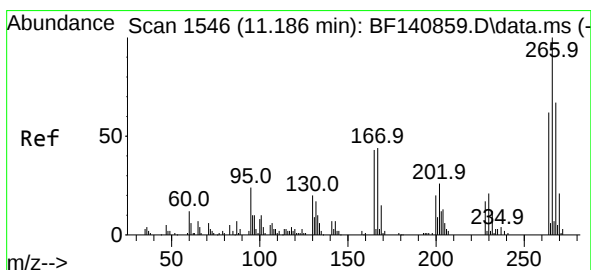
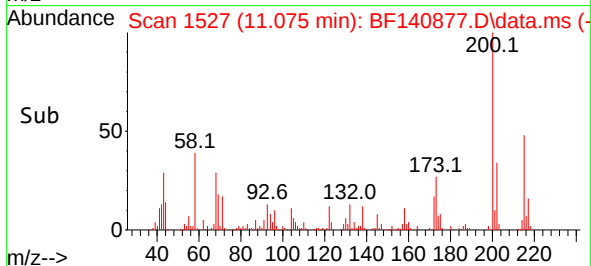
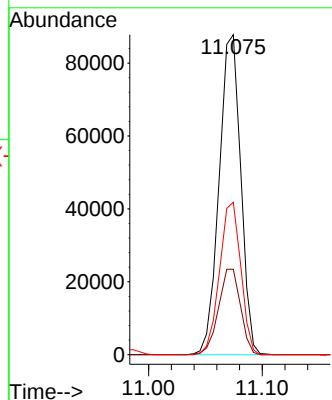
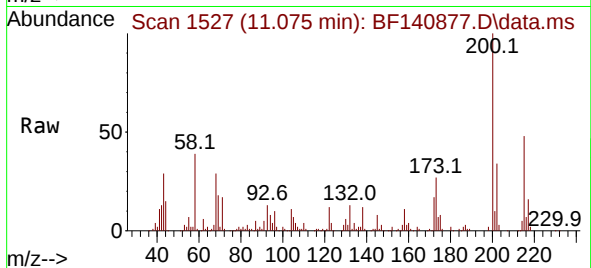
Tgt Ion:200 Resp: 116225

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 47.7 26.7 66.7



#70

Pentachlorophenol

Concen: 99.173 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

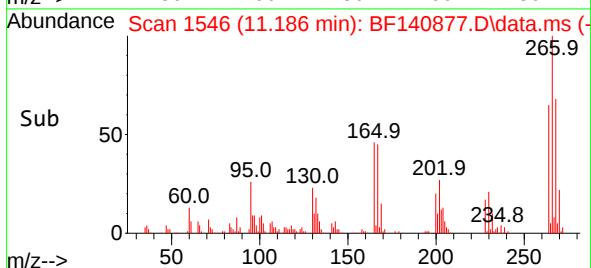
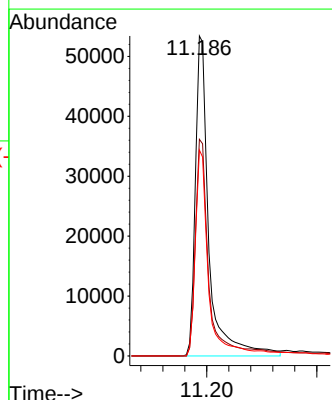
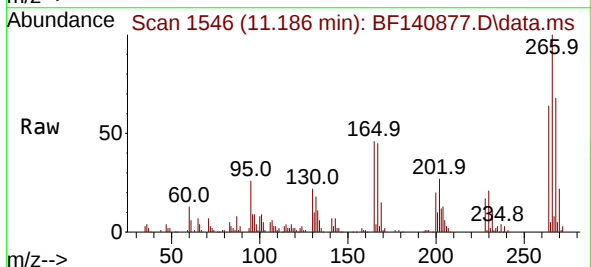
Tgt Ion:266 Resp: 91604

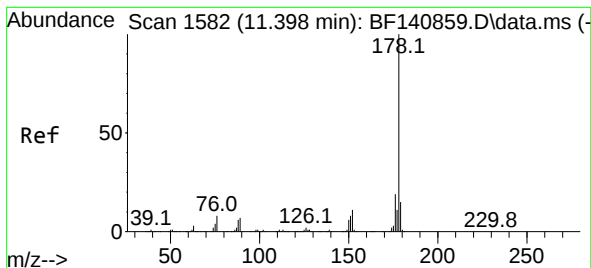
Ion Ratio Lower Upper

266 100

268 67.7 54.0 81.0

264 64.4 49.4 74.2





#71

Phenanthrene

Concen: 54.633 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

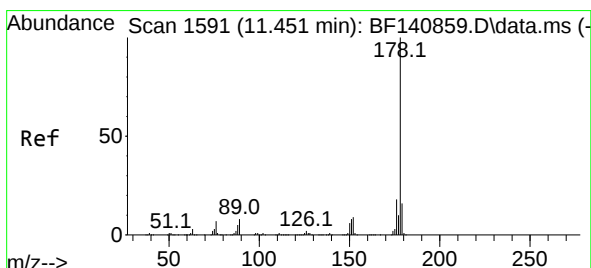
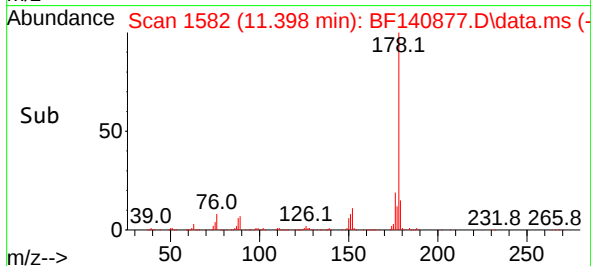
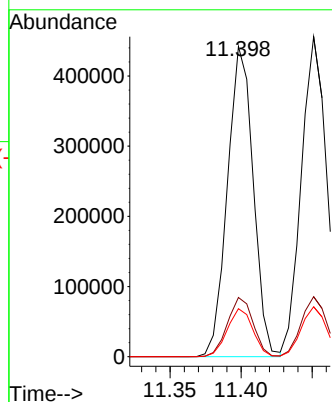
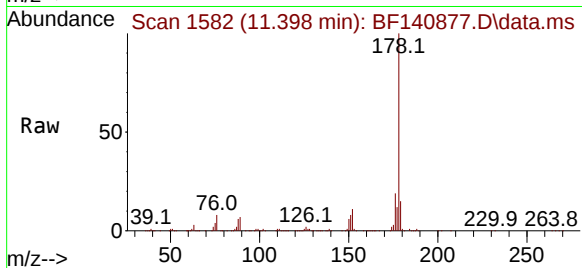
Tgt Ion:178 Resp: 559598

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.5 12.1 18.1



#72

Anthracene

Concen: 56.373 ng

RT: 11.451 min Scan# 1591

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

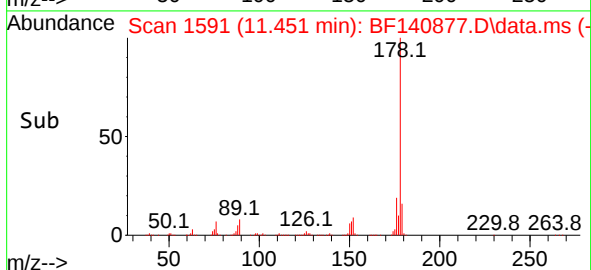
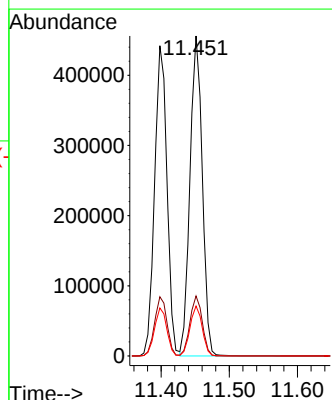
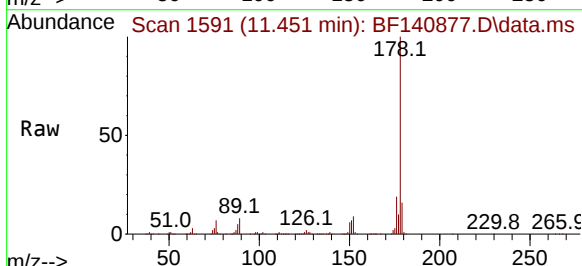
Tgt Ion:178 Resp: 568637

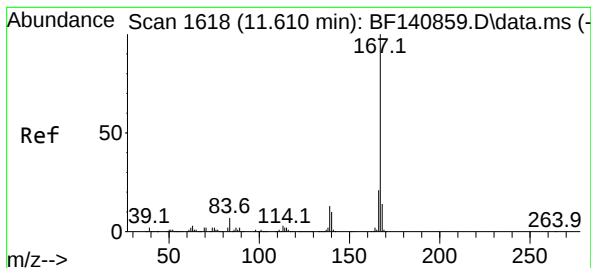
Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

179 15.6 12.6 18.8





#73

Carbazole

Concen: 51.665 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

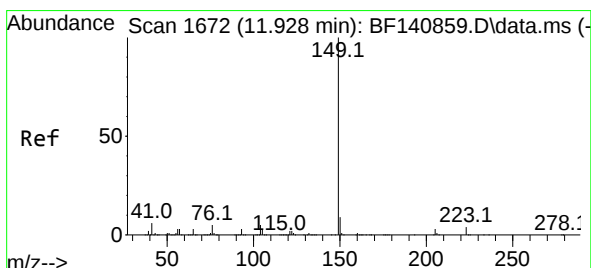
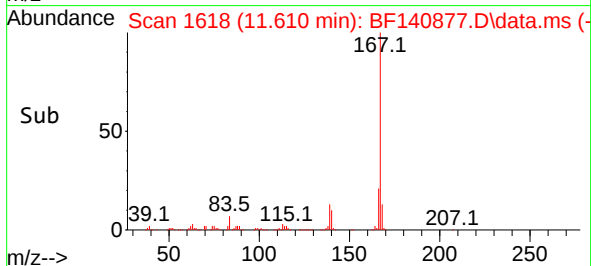
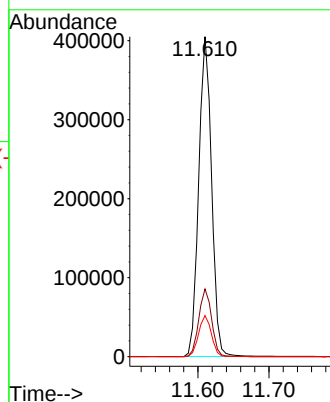
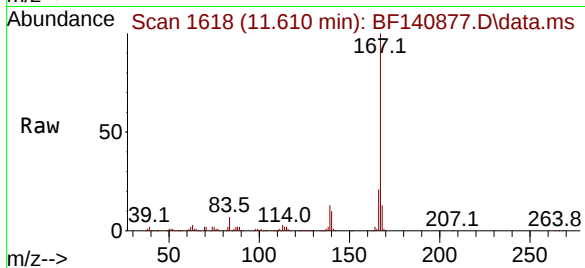
Tgt Ion:167 Resp: 510463

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

139 12.8 10.2 15.2



#74

Di-n-butylphthalate

Concen: 54.409 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

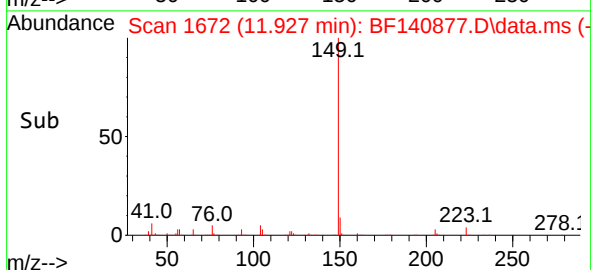
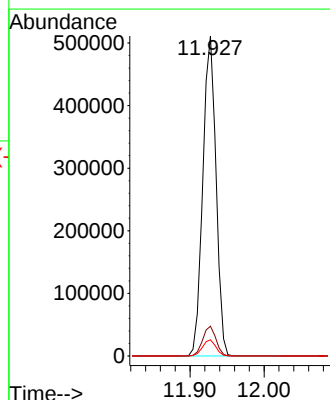
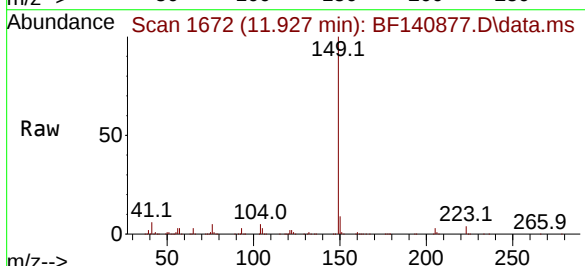
Tgt Ion:149 Resp: 630897

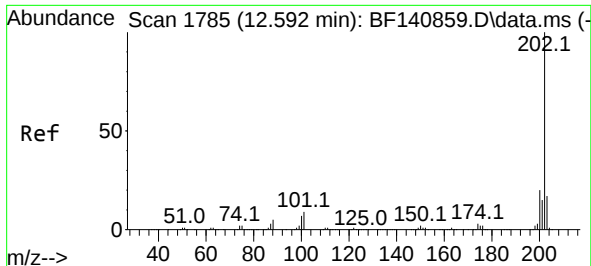
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 3.8 5.8

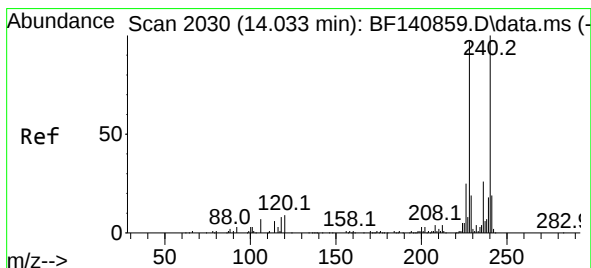
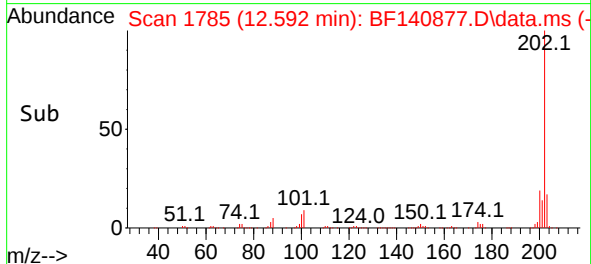
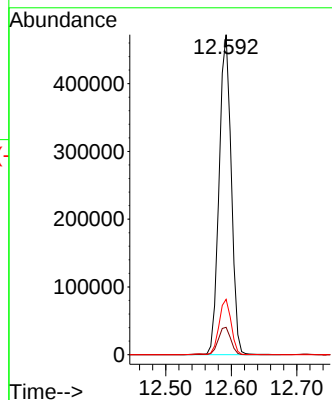
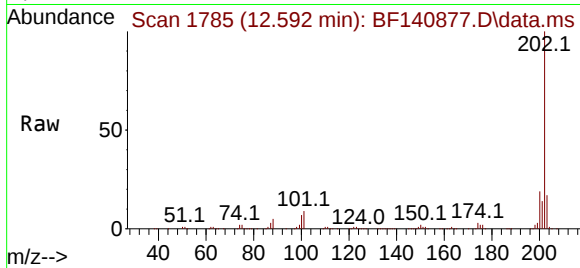




#75
Fluoranthene
Concen: 51.045 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

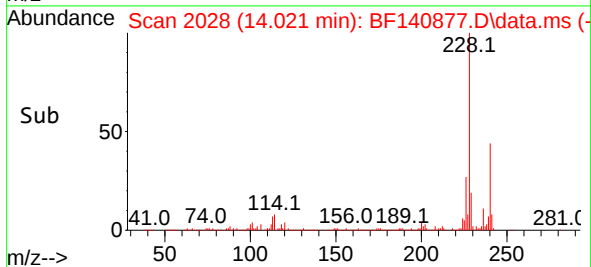
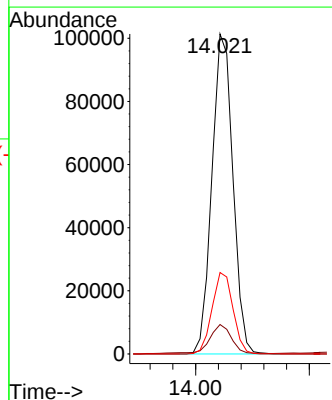
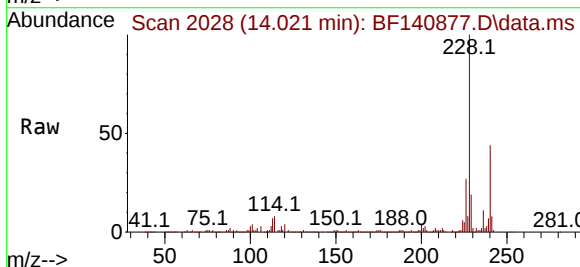
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

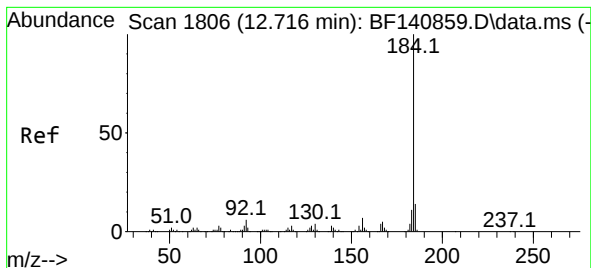
Tgt Ion:202 Resp: 602142
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.3
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:240 Resp: 129993
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 25.4 20.5 30.7





#77

Benzidine

Concen: 63.598 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

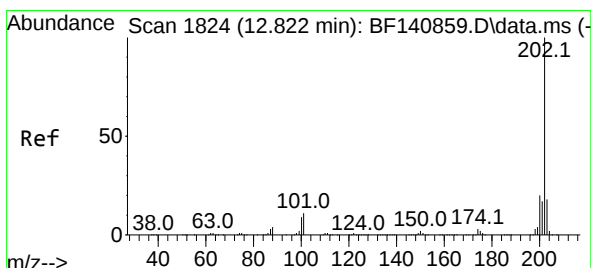
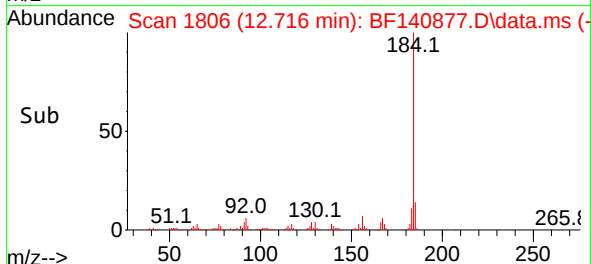
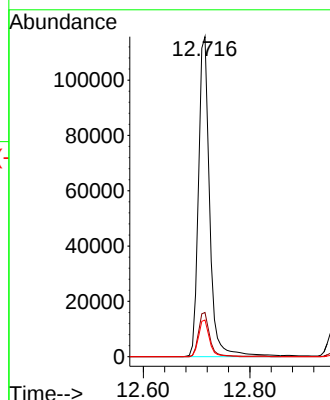
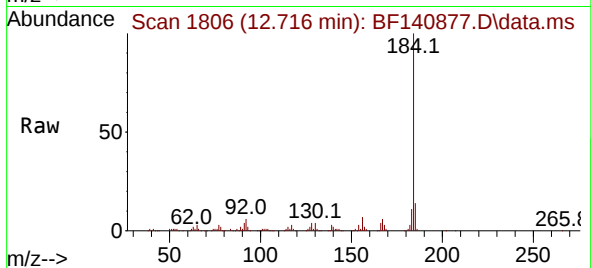
Tgt Ion:184 Resp: 168731

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

183 11.5 9.0 13.4



#78

Pyrene

Concen: 52.933 ng

RT: 12.822 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

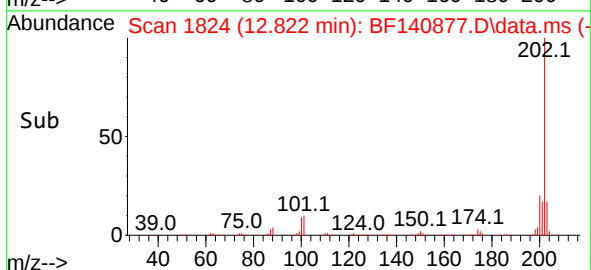
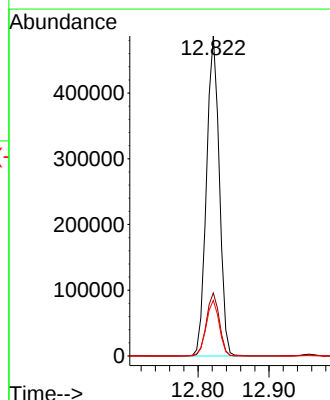
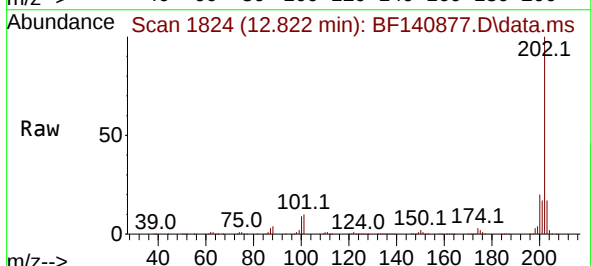
Tgt Ion:202 Resp: 611888

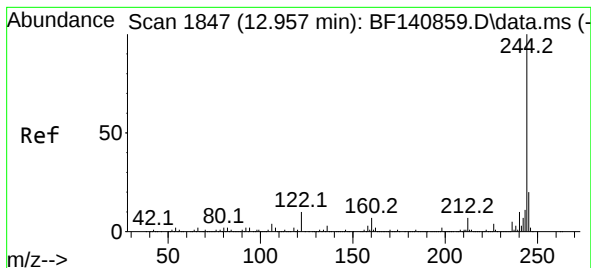
Ion Ratio Lower Upper

202 100

200 19.7 16.1 24.1

203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 110.188 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

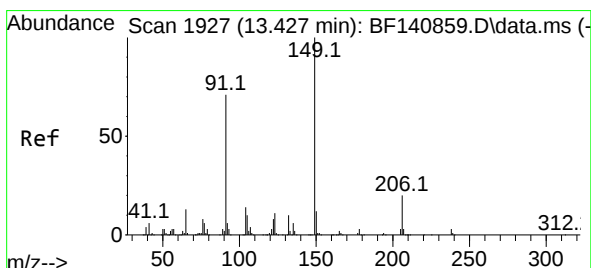
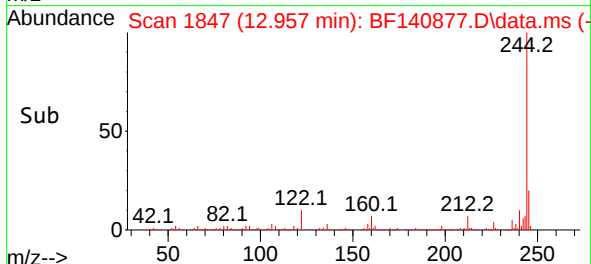
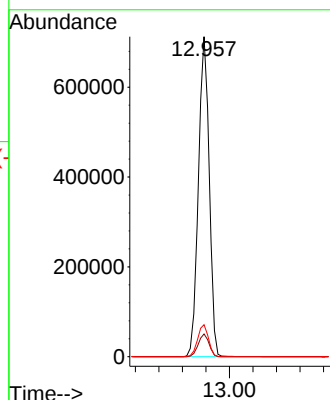
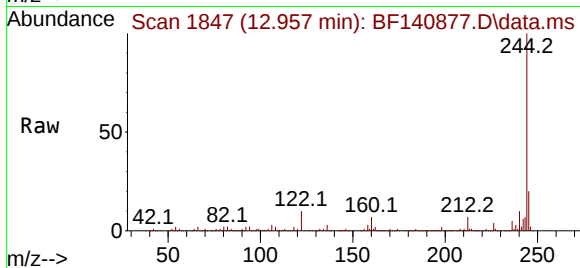
Tgt Ion:244 Resp: 908361

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.0 8.2 12.2



#80

Butylbenzylphthalate

Concen: 56.338 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

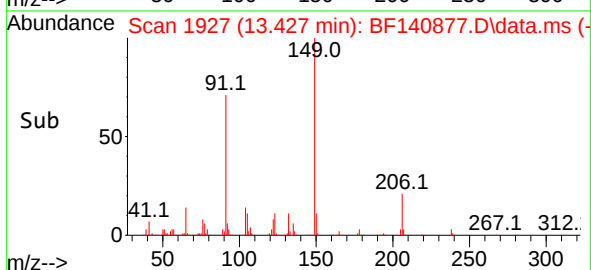
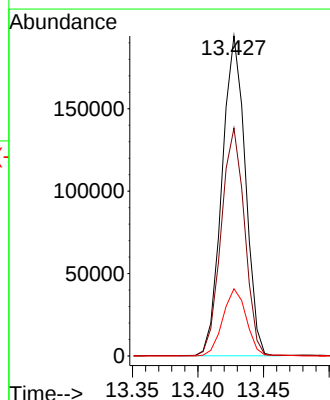
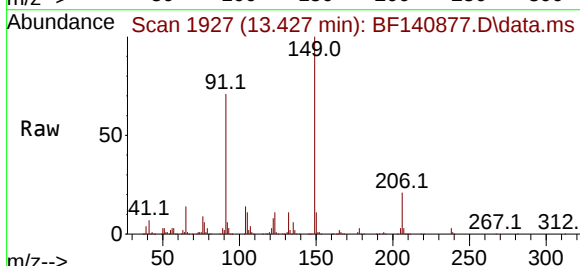
Tgt Ion:149 Resp: 239628

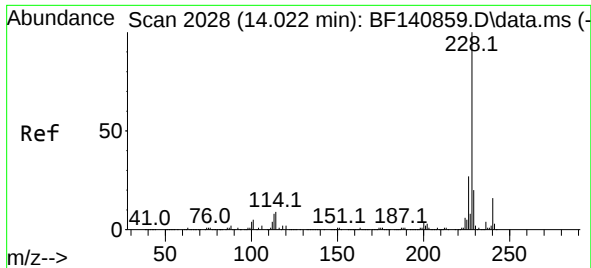
Ion Ratio Lower Upper

149 100

91 71.2 56.7 85.1

206 21.0 16.4 24.6

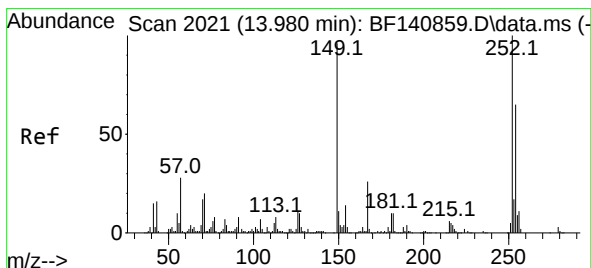
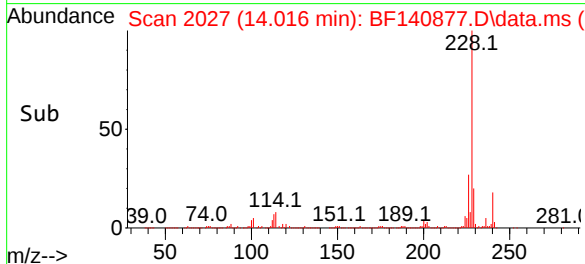
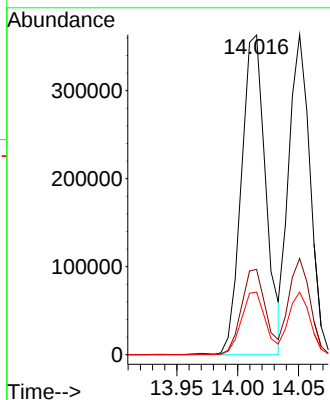
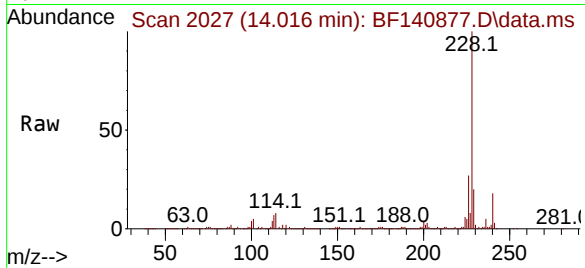




#81
Benzo(a)anthracene
Concen: 54.939 ng
RT: 14.016 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

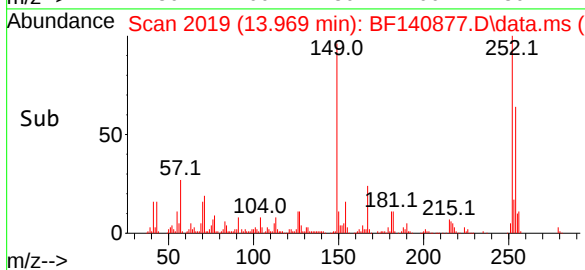
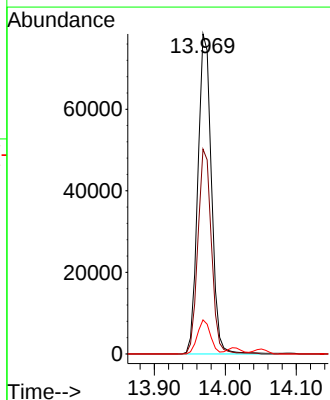
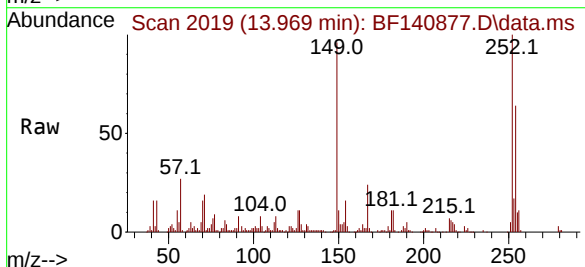
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

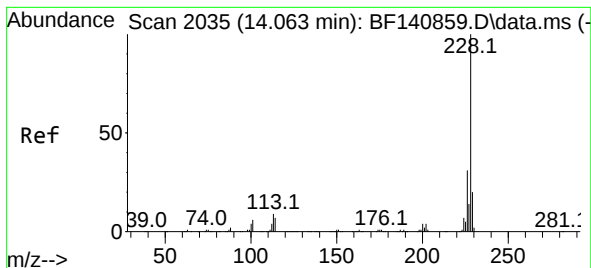
Tgt Ion:228 Resp: 506153
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 37.611 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:252 Resp: 104545
Ion Ratio Lower Upper
252 100
254 64.0 52.3 78.5
126 10.7 8.4 12.6





#83

Chrysene

Concen: 52.634 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

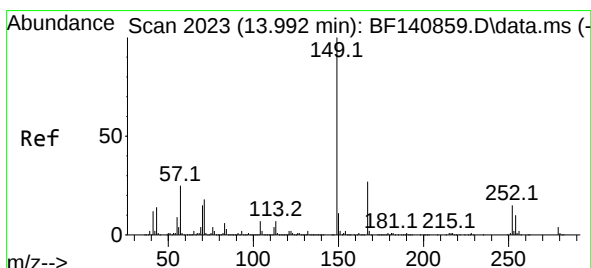
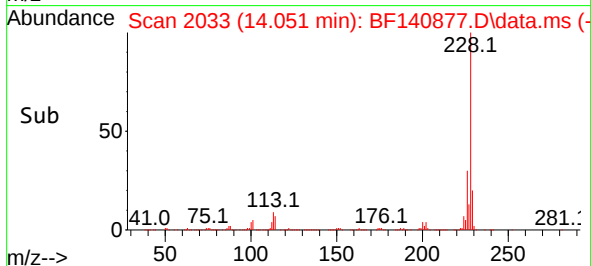
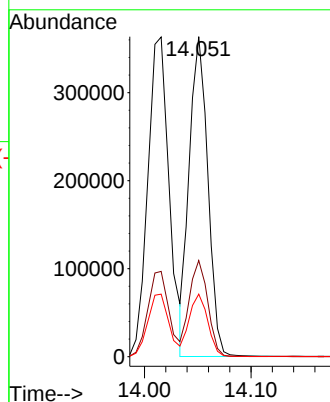
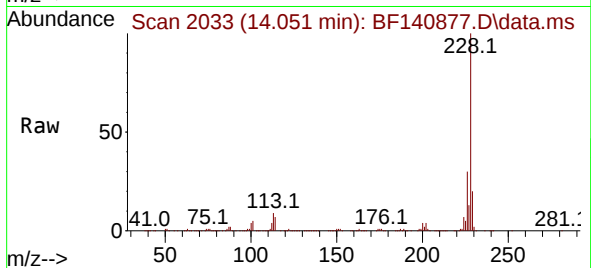
Tgt Ion:228 Resp: 440952

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.225 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

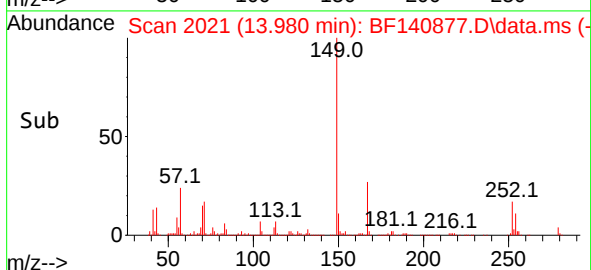
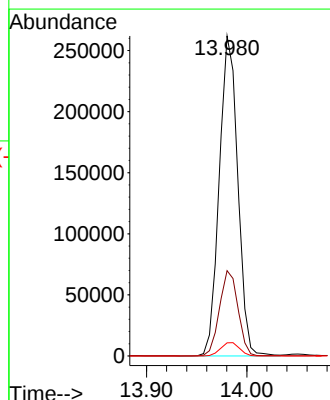
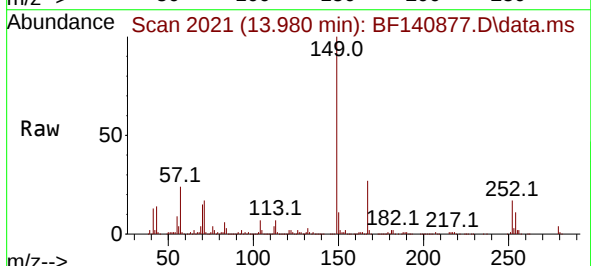
Tgt Ion:149 Resp: 335787

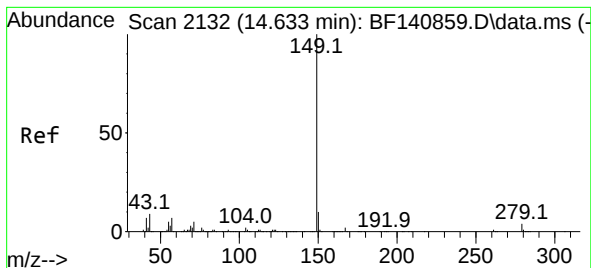
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 4.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 62.392 ng

RT: 14.604 min Scan# 2132

Delta R.T. -0.029 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

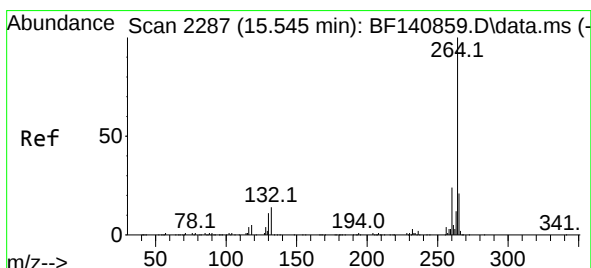
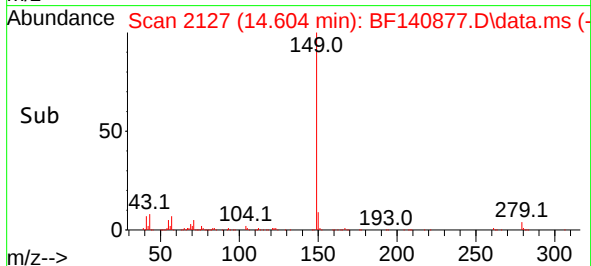
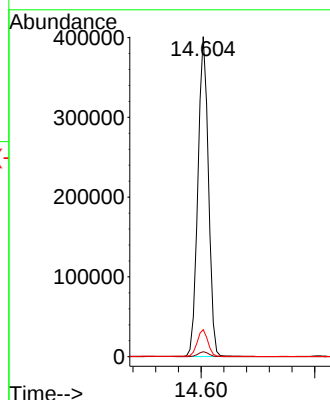
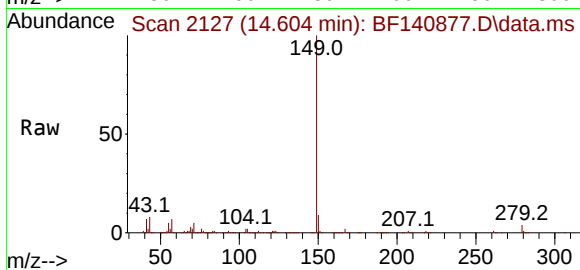
Tgt Ion:149 Resp: 517690

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. -0.035 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

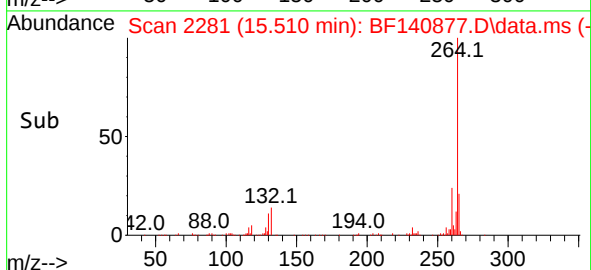
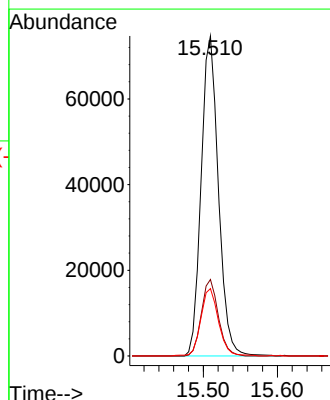
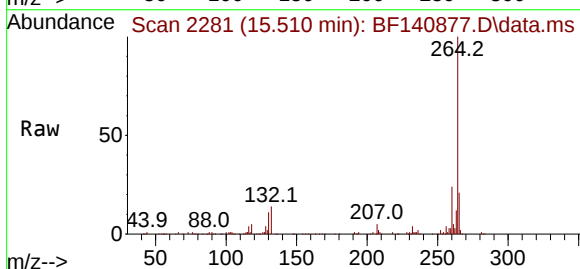
Tgt Ion:264 Resp: 121005

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.979 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

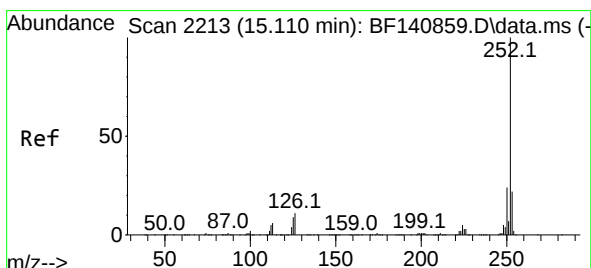
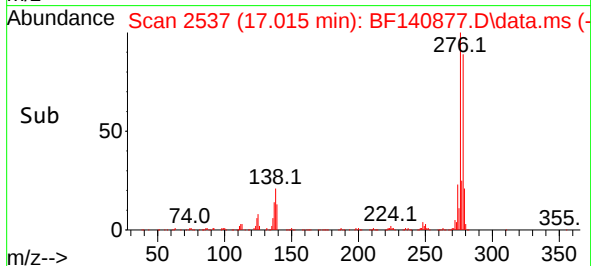
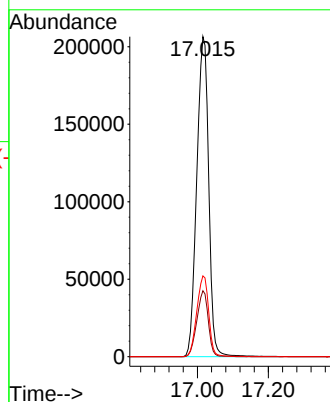
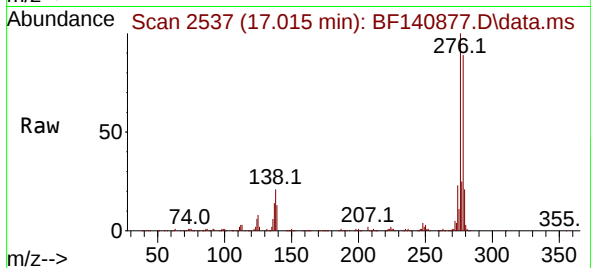
Tgt Ion:276 Resp: 483120

Ion Ratio Lower Upper

276 100

138 19.7 16.9 25.3

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 54.014 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.035 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

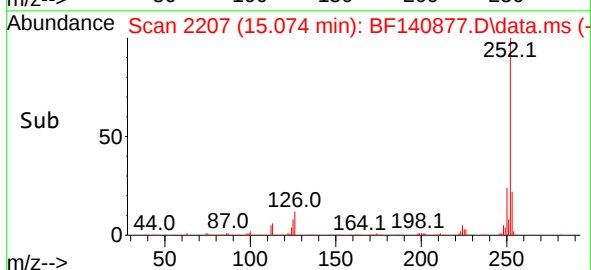
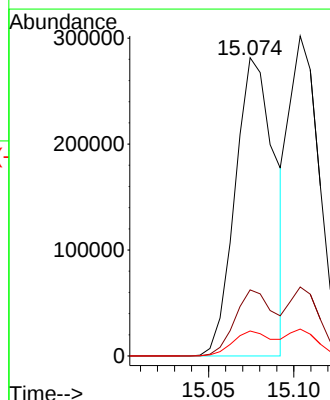
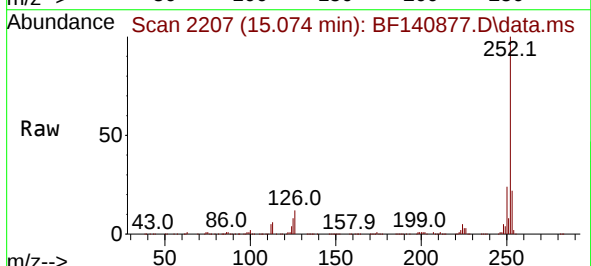
Tgt Ion:252 Resp: 453696

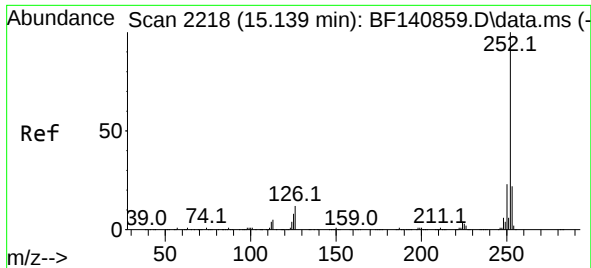
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

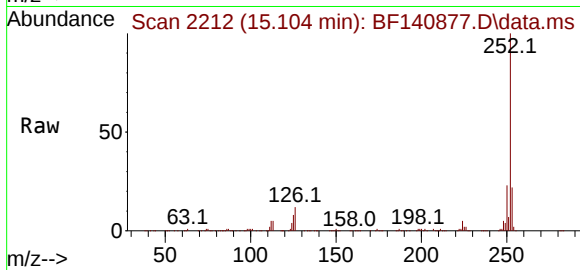
125 8.4 7.0 10.4



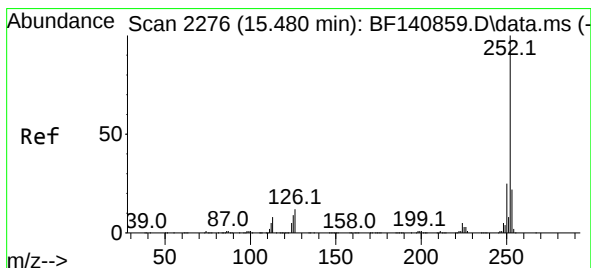
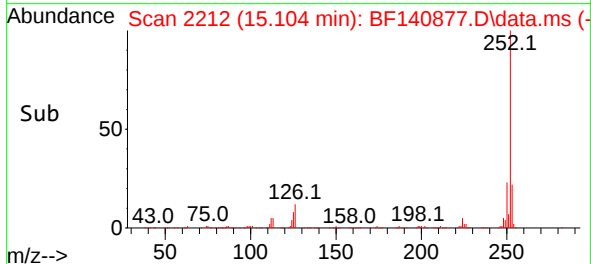
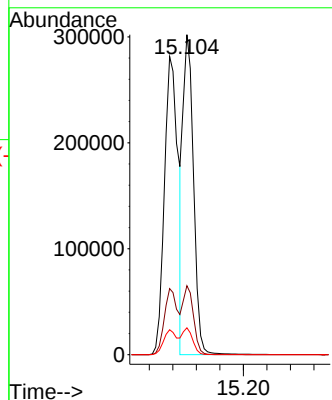


#89
Benzo(k)fluoranthene
Concen: 52.411 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

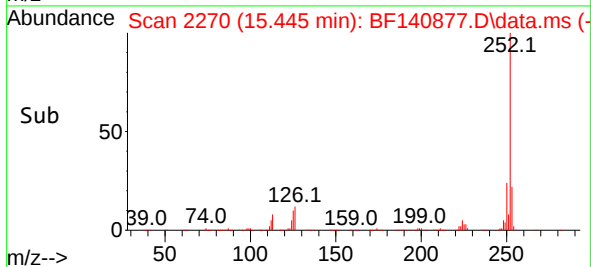
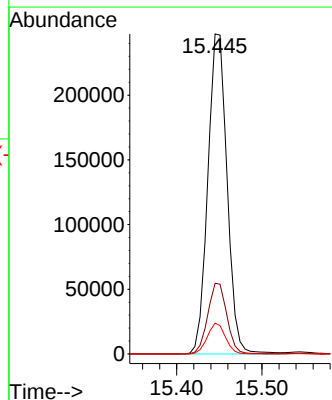
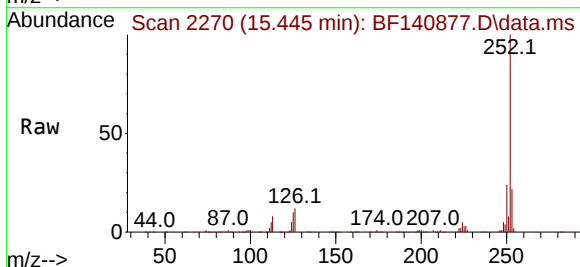


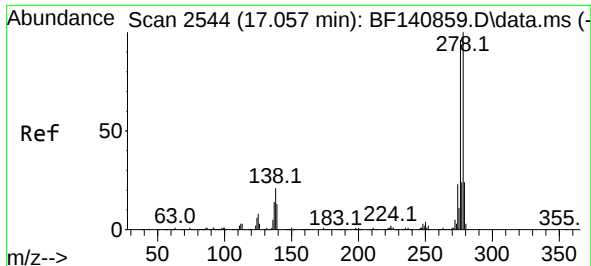
Tgt Ion:252 Resp: 377629
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.4 6.8 10.2



#90
Benzo(a)pyrene
Concen: 58.990 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.035 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:252 Resp: 387987
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.6 7.5 11.3

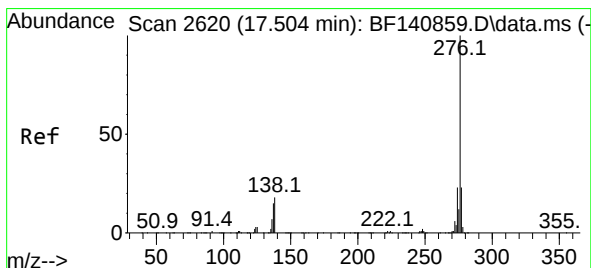
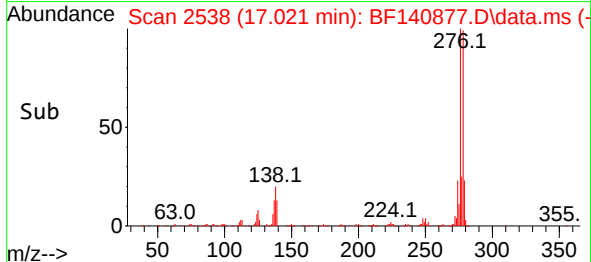
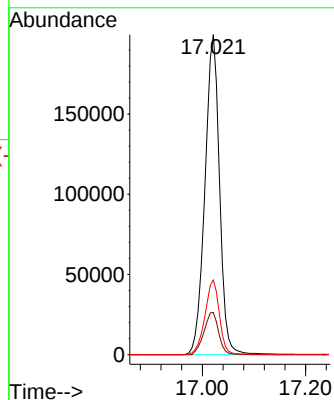
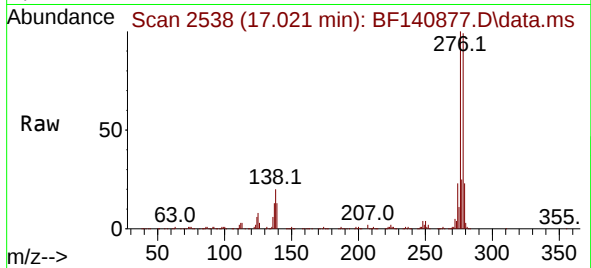




#91
 Dibenzo(a,h)anthracene
 Concen: 62.578 ng
 RT: 17.021 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF140877.D
 Acq: 17 Dec 2024 11:35

Instrument :
 BNA_F
 ClientSampleId :
 PB165623BSD

Tgt Ion:278 Resp: 391475
 Ion Ratio Lower Upper
 278 100
 139 13.2 10.6 16.0
 279 23.4 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 55.900 ng
 RT: 17.462 min Scan# 2613
 Delta R.T. -0.041 min
 Lab File: BF140877.D
 Acq: 17 Dec 2024 11:35

Tgt Ion:276 Resp: 355912
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.7 28.1
 138 16.9 14.2 21.2

