

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142253.D
 Acq On : 01 May 2025 11:42
 Operator : RC/JU
 Sample : PB167798BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167798BSD

Quant Time: May 01 12:24:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	228844	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	895505	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	472033	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	796412	20.000	ng	0.00
76) Chrysene-d12	14.074	240	445019	20.000	ng	0.00
86) Perylene-d12	15.563	264	441873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1544251	107.770	ng	0.01
7) Phenol-d6	6.528	99	1910888	110.435	ng	0.00
23) Nitrobenzene-d5	7.469	82	1094804	80.319	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	558926	129.885	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2284570	68.240	ng	0.00
79) Terphenyl-d14	13.022	244	2257765	73.788	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	214363	33.497	ng	99
3) Pyridine	3.546	79	604462	36.343	ng	100
4) n-Nitrosodimethylamine	3.499	42	350276	40.697	ng	99
6) Aniline	6.569	93	664275	27.123	ng	99
8) 2-Chlorophenol	6.693	128	628695	42.460	ng	99
9) Benzaldehyde	6.457	77	294023	24.312	ng	99
10) Phenol	6.545	94	782937	42.029	ng	100
11) bis(2-Chloroethyl)ether	6.645	93	580502	40.214	ng	99
12) 1,3-Dichlorobenzene	6.851	146	662064	39.525	ng	100
13) 1,4-Dichlorobenzene	6.928	146	661045	39.170	ng	100
14) 1,2-Dichlorobenzene	7.081	146	646447	40.124	ng	99
15) Benzyl Alcohol	7.045	79	522603	42.584	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1068395	40.987	ng	99
17) 2-Methylphenol	7.151	107	506643	41.769	ng	99
18) Hexachloroethane	7.422	117	227904	41.260	ng	97
19) n-Nitroso-di-n-propyla...	7.322	70	433820	40.572	ng	99
20) 3+4-Methylphenols	7.304	107	625731	41.251	ng	94
22) Acetophenone	7.316	105	822300	39.692	ng	100
24) Nitrobenzene	7.492	77	605776	45.294	ng	98
25) Isophorone	7.728	82	1175652	41.096	ng	100
26) 2-Nitrophenol	7.804	139	258365	46.327	ng	98
27) 2,4-Dimethylphenol	7.840	122	612593	42.472	ng	99
28) bis(2-Chloroethoxy)met...	7.940	93	740492	41.043	ng	99
29) 2,4-Dichlorophenol	8.040	162	521645	43.259	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	546079	40.582	ng	99
31) Naphthalene	8.216	128	1778327	39.820	ng	100
32) Benzoic acid	7.951	122	297819	44.431	ng	99
33) 4-Chloroaniline	8.251	127	168046	9.036	ng	99
34) Hexachlorobutadiene	8.328	225	322773	41.113	ng	99
35) Caprolactam	8.622	113	85486	23.585	ng	99
36) 4-Chloro-3-methylphenol	8.734	107	537952	43.445	ng	98
37) 2-Methylnaphthalene	8.904	142	1104930	40.241	ng	100
38) 1-Methylnaphthalene	9.004	142	1150453	40.445	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	524934	39.515	ng	99
41) Hexachlorocyclopentadiene	9.057	237	671988	89.128	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	372452	45.244	ng	98

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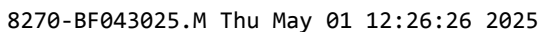
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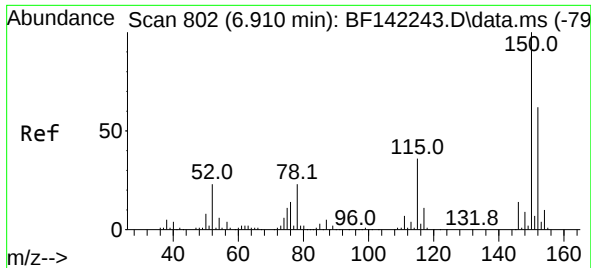
Quant Time: May 01 12:24:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	387830	44.810	ng	98
46) 1,1'-Biphenyl	9.369	154	1480347	40.340	ng	100
47) 2-Chloronaphthalene	9.392	162	1105087	40.476	ng	99
48) 2-Nitroaniline	9.486	65	324508	45.363	ng	98
49) Acenaphthylene	9.810	152	1879452	40.794	ng	100
50) Dimethylphthalate	9.669	163	1290455	42.733	ng	100
51) 2,6-Dinitrotoluene	9.728	165	262585	45.558	ng	100
52) Acenaphthene	9.981	154	1183957	44.012	ng	99
53) 3-Nitroaniline	9.892	138	144830	22.378	ng	98
54) 2,4-Dinitrophenol	9.998	184	199878	91.584	ng	# 17
55) Dibenzofuran	10.157	168	1639725	40.663	ng	100
56) 4-Nitrophenol	10.045	139	489174	103.057	ng	98
57) 2,4-Dinitrotoluene	10.134	165	346883	49.318	ng	99
58) Fluorene	10.498	166	1248146	40.708	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	331140	46.189	ng	100
60) Diethylphthalate	10.369	149	1287411	43.172	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	601502	41.309	ng	99
62) 4-Nitroaniline	10.510	138	288950	45.282	ng	99
63) Azobenzene	10.651	77	1233889	41.902	ng	100
65) 4,6-Dinitro-2-methylph...	10.539	198	128388	48.731	ng	94
66) n-Nitrosodiphenylamine	10.610	169	1124320	41.318	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	376385	42.436	ng	99
68) Hexachlorobenzene	11.045	284	419316	42.212	ng	99
69) Atrazine	11.133	200	337532	47.058	ng	99
70) Pentachlorophenol	11.233	266	496901	94.688	ng	98
71) Phenanthrene	11.463	178	1750559	40.693	ng	99
72) Anthracene	11.510	178	1816790	41.306	ng	100
73) Carbazole	11.663	167	1689119	42.099	ng	100
74) Di-n-butylphthalate	11.998	149	1825873	45.248	ng	100
75) Fluoranthene	12.645	202	1777492	41.799	ng	99
77) Benzidine	12.769	184	483783	25.584	ng	98
78) Pyrene	12.880	202	1763648	42.962	ng	99
80) Butylbenzylphthalate	13.498	149	510891	45.709	ng	99
81) Benzo(a)anthracene	14.063	228	1233563	41.291	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	124446	14.182	ng	99
83) Chrysene	14.104	228	1170165	43.030	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	622700	40.625	ng	100
85) Di-n-octyl phthalate	14.674	149	1156711	41.525	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1384791	42.786	ng	100
88) Benzo(b)fluoranthene	15.127	252	1077406	39.254	ng	99
89) Benzo(k)fluoranthene	15.157	252	1118010	44.533	ng	99
90) Benzo(a)pyrene	15.504	252	1070836	42.614	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	1128281	42.952	ng	99
92) Benzo(g,h,i)perylene	17.533	276	1137552	43.077	ng	99

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

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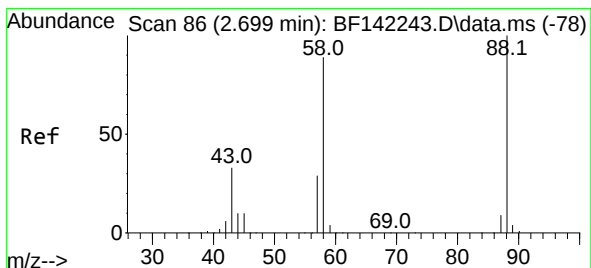
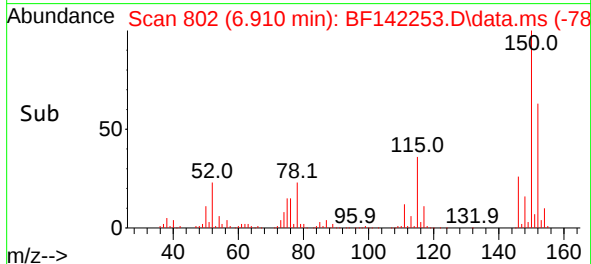
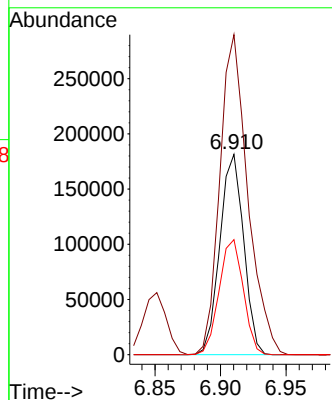
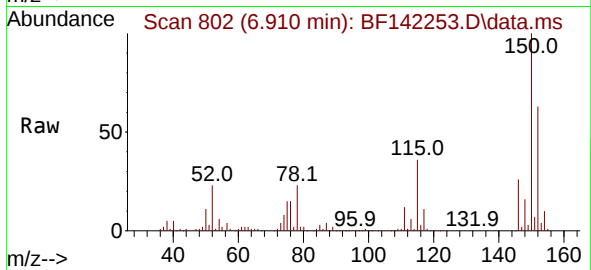




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142253.D
 Acq: 01 May 2025 11:42

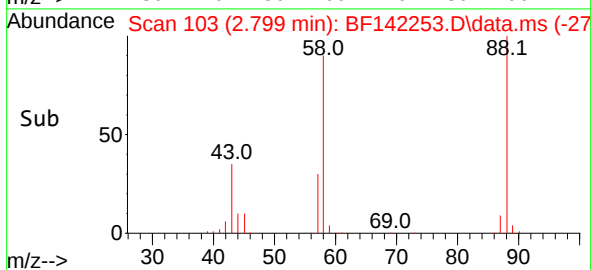
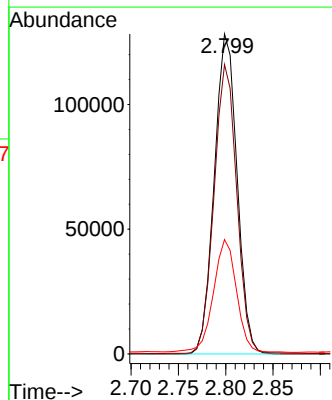
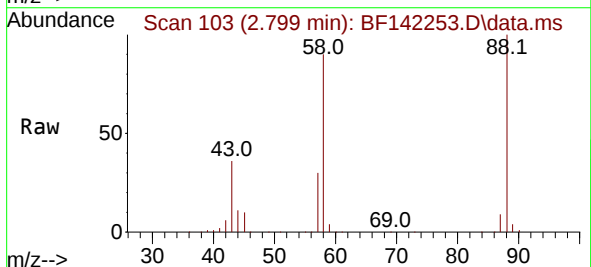
Instrument :
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 PB167798BSD

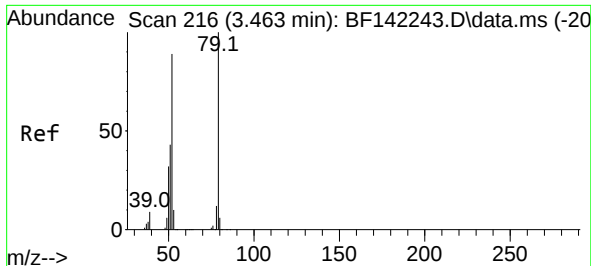
Tgt Ion:152 Resp: 228844
 Ion Ratio Lower Upper
 152 100
 150 159.7 130.2 195.2
 115 57.4 47.0 70.4



#2
 1,4-Dioxane
 Concen: 33.497 ng
 RT: 2.799 min Scan# 103
 Delta R.T. 0.100 min
 Lab File: BF142253.D
 Acq: 01 May 2025 11:42

Tgt Ion: 88 Resp: 214363
 Ion Ratio Lower Upper
 88 100
 58 90.5 72.2 108.2
 43 35.9 27.0 40.6

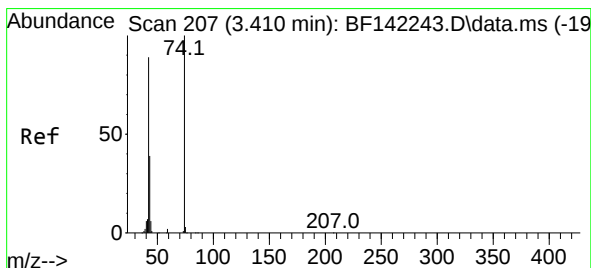
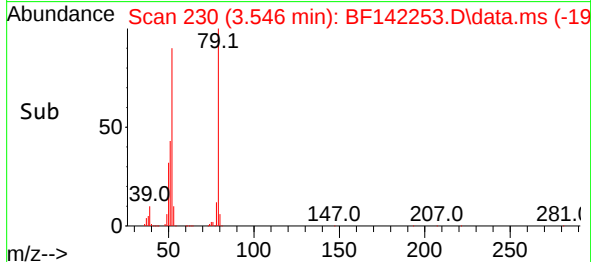
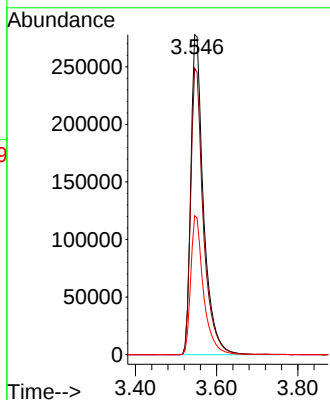
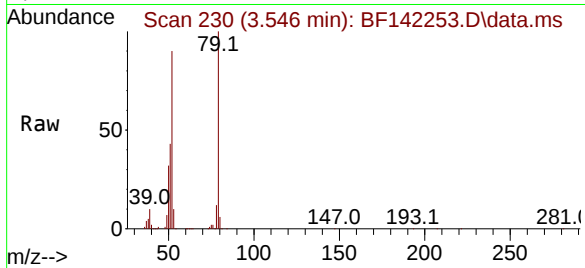




#3
Pyridine
Concen: 36.343 ng
RT: 3.546 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

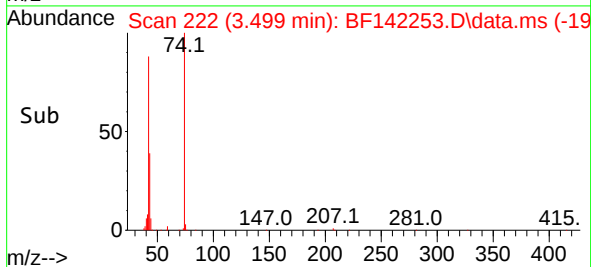
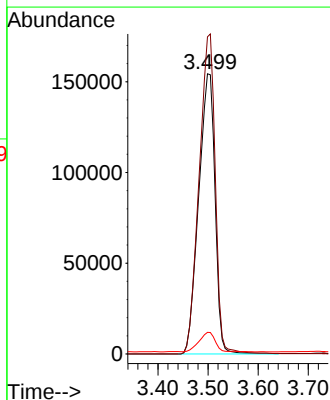
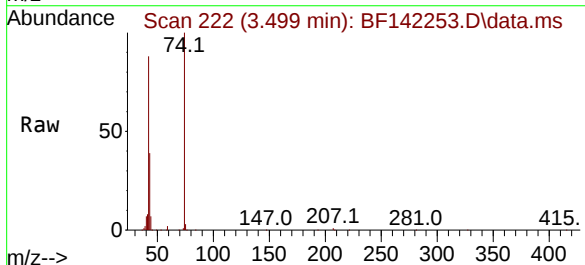
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

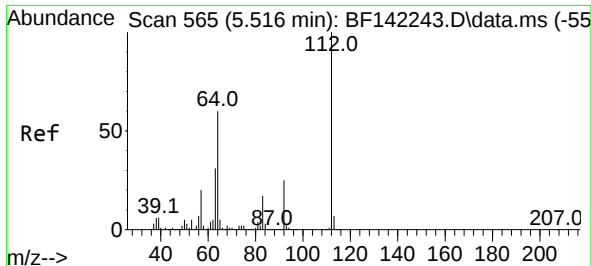
Tgt Ion: 79 Resp: 604462
Ion Ratio Lower Upper
79 100
52 89.5 71.5 107.3
51 43.4 34.5 51.7



#4
n-Nitrosodimethylamine
Concen: 40.697 ng
RT: 3.499 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 42 Resp: 350276
Ion Ratio Lower Upper
42 100
74 113.2 89.5 134.3
44 7.7 6.6 9.8

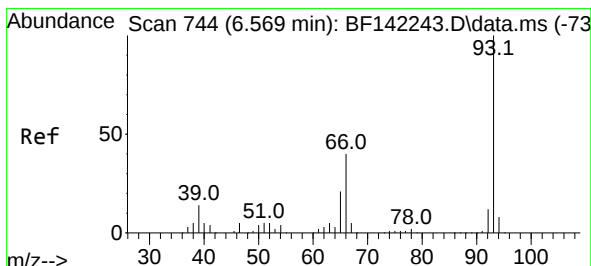
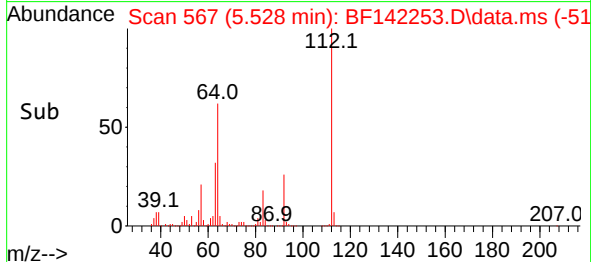
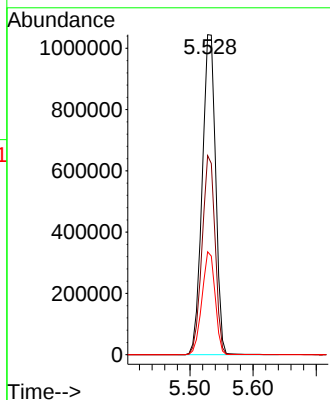
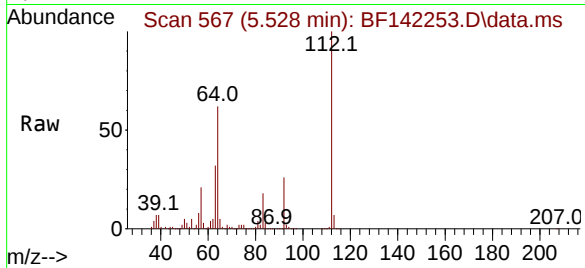




#5
2-Fluorophenol
Concen: 107.770 ng
RT: 5.528 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

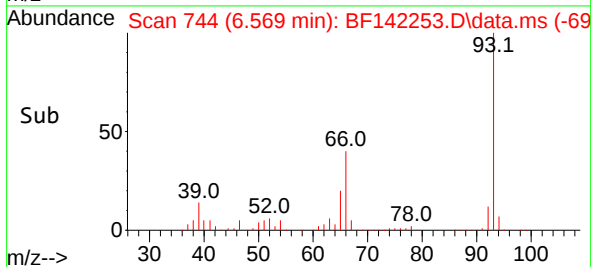
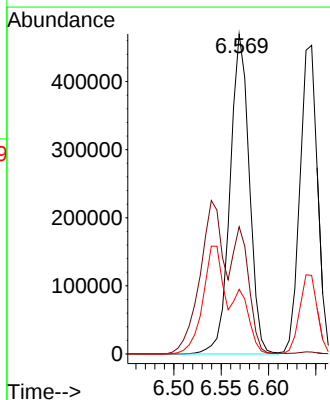
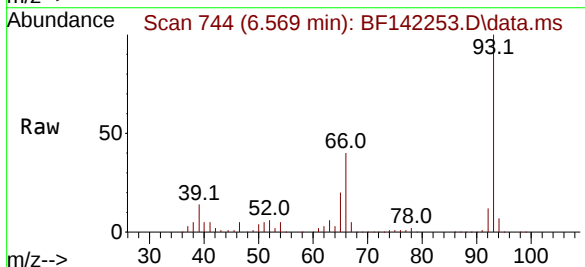
Instrument :
BNA_F
ClientSampleId :
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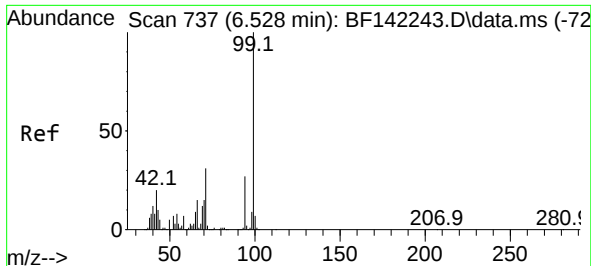
Tgt Ion:112 Resp: 1544251
Ion Ratio Lower Upper
112 100
64 62.2 48.4 72.6
63 32.2 24.8 37.2



#6
Aniline
Concen: 27.123 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 93 Resp: 664275
Ion Ratio Lower Upper
93 100
66 39.8 32.1 48.1
65 20.2 16.6 24.8



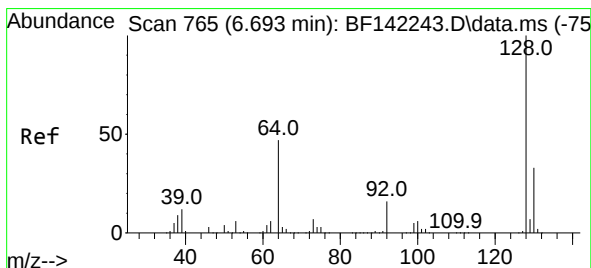
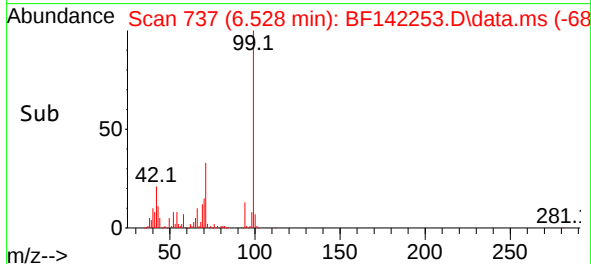
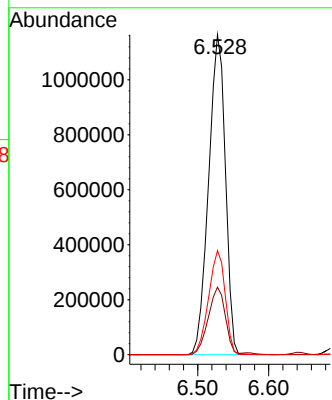
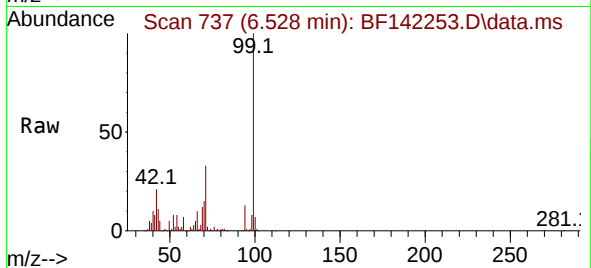


#7
Phenol-d6
Concen: 110.435 ng
RT: 6.528 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Tgt Ion: 99 Resp: 1910888

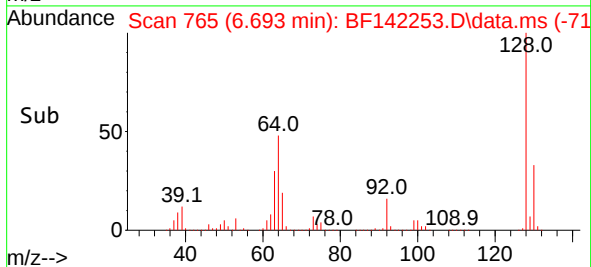
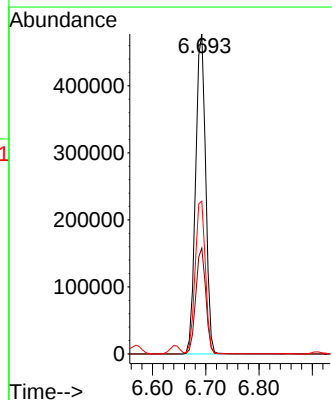
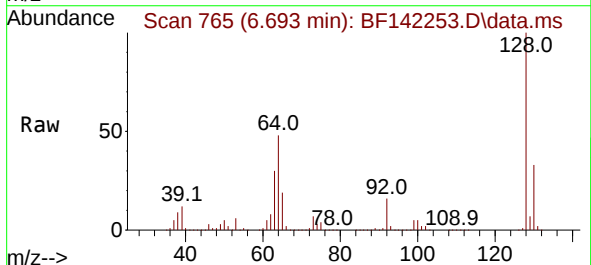
Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.3	24.5
71	32.5	25.0	37.4

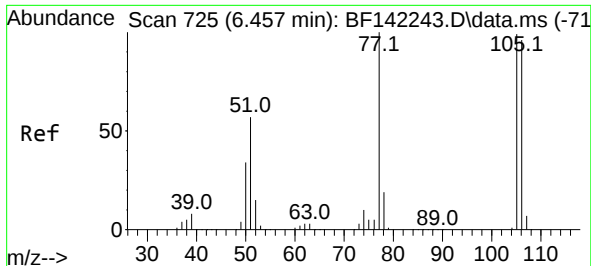


#8
2-Chlorophenol
Concen: 42.460 ng
RT: 6.693 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:128 Resp: 628695

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	47.7	28.6	68.6





#9

Benzaldehyde

Concen: 24.312 ng

RT: 6.457 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

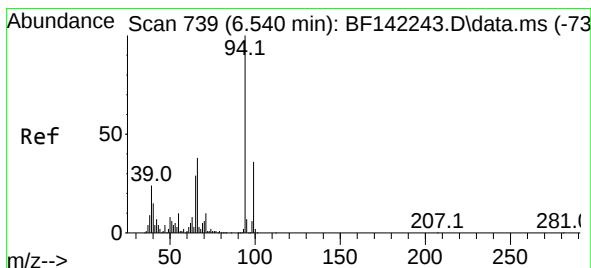
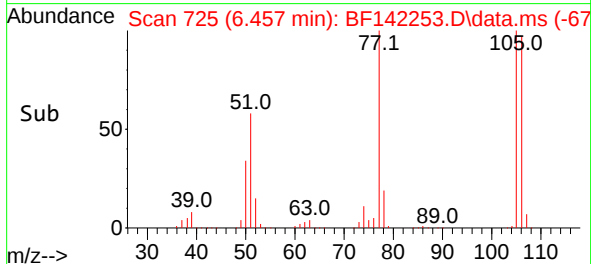
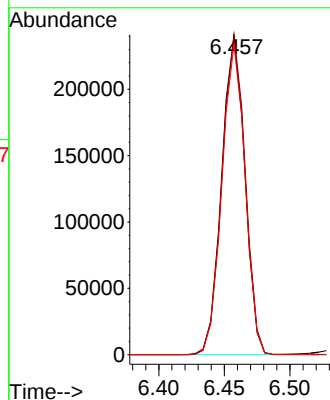
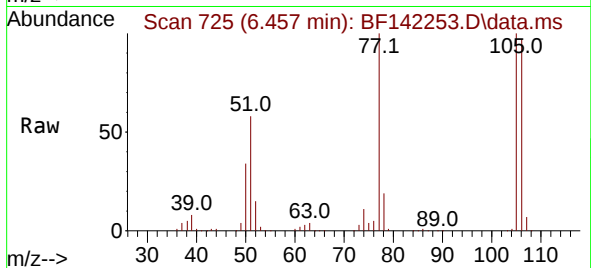
Tgt Ion: 77 Resp: 294023

Ion Ratio Lower Upper

77 100

105 100.3 79.1 119.1

106 97.2 76.0 116.0



#10

Phenol

Concen: 42.029 ng

RT: 6.545 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

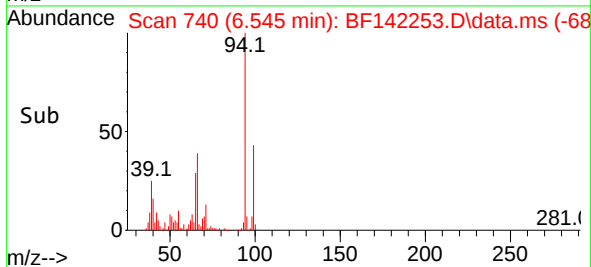
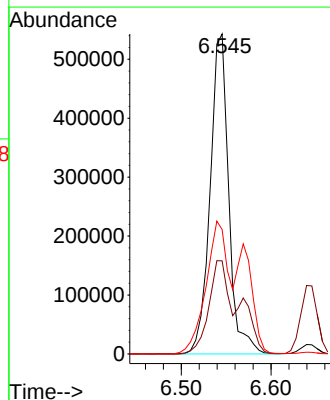
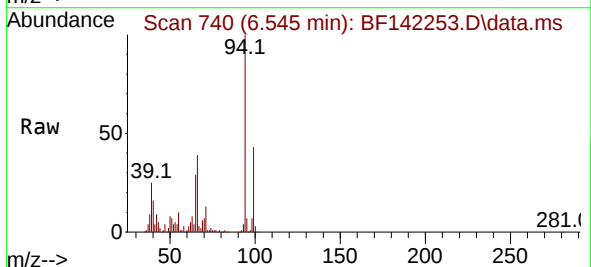
Tgt Ion: 94 Resp: 782937

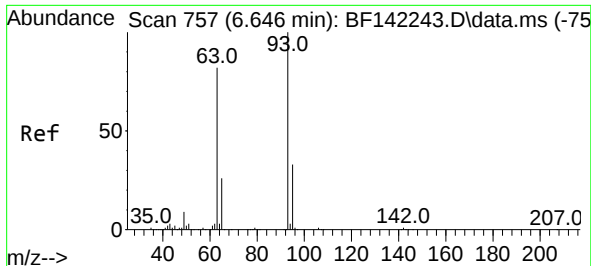
Ion Ratio Lower Upper

94 100

65 29.1 8.9 48.9

66 38.9 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 40.214 ng

RT: 6.645 min Scan# 757

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

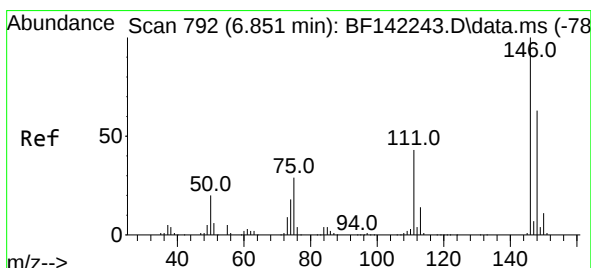
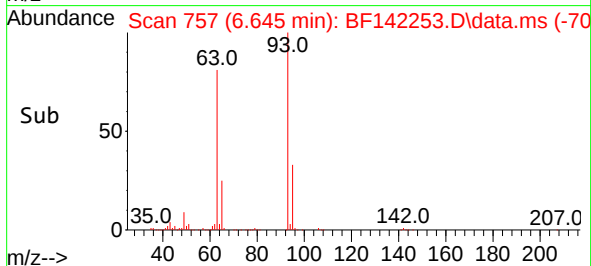
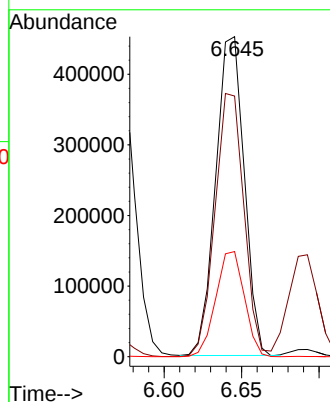
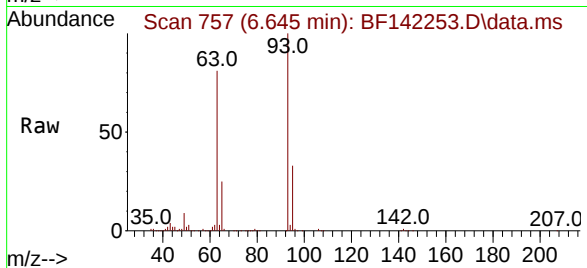
Tgt Ion: 93 Resp: 580502

Ion Ratio Lower Upper

93 100

63 81.4 62.2 102.2

95 32.8 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.525 ng

RT: 6.851 min Scan# 792

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

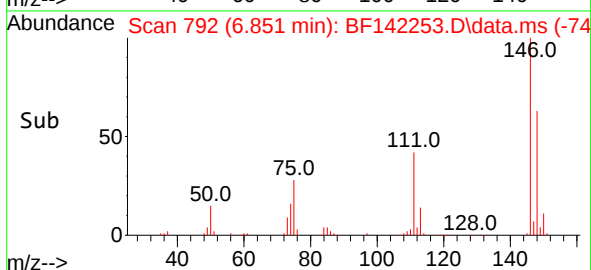
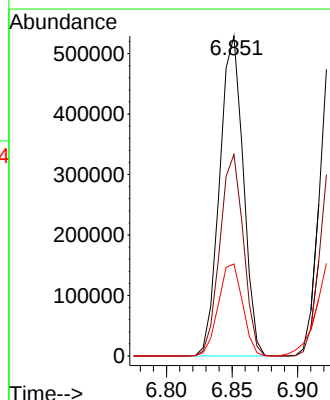
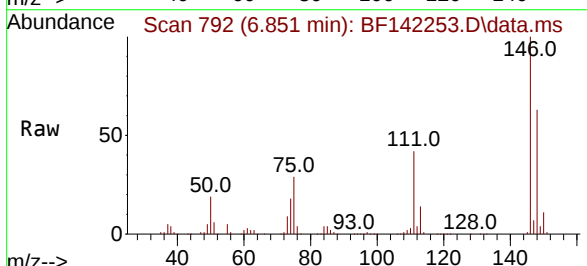
Tgt Ion: 146 Resp: 662064

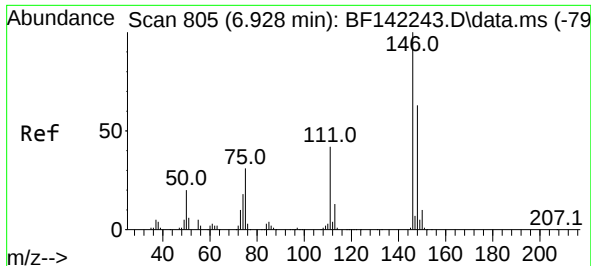
Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

75 28.8 23.2 34.8

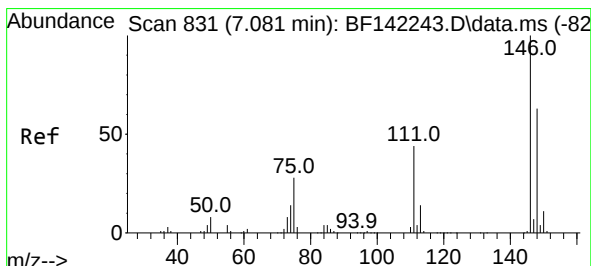
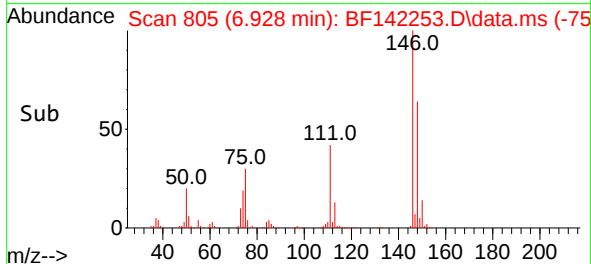
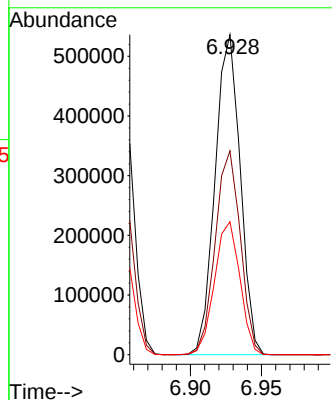
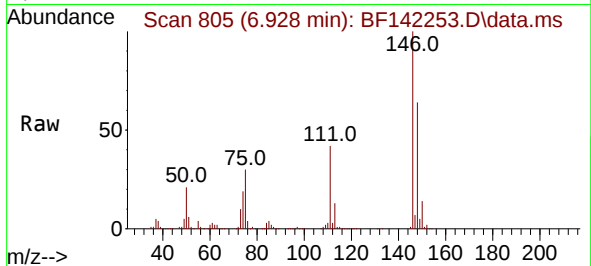




#13
1,4-Dichlorobenzene
Concen: 39.170 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

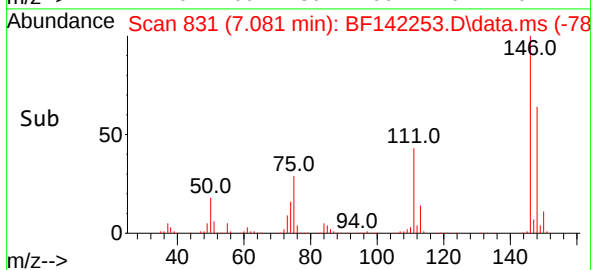
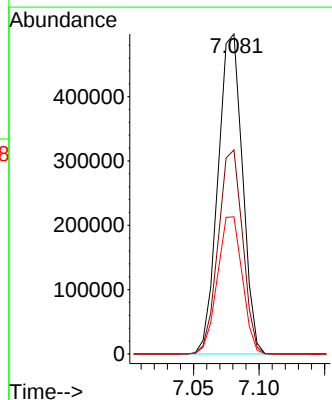
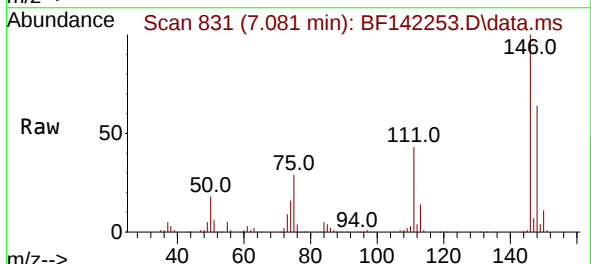
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

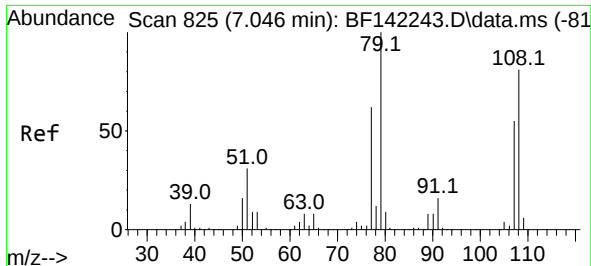
Tgt Ion:146 Resp: 661045
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
111 41.5 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 40.124 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:146 Resp: 646447
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 42.8 34.9 52.3

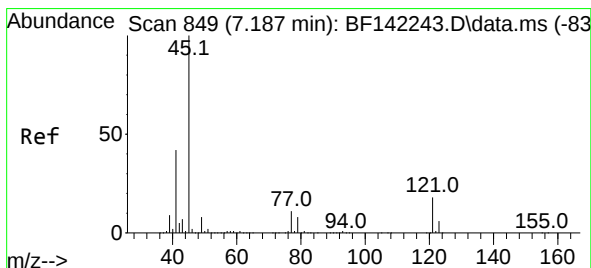
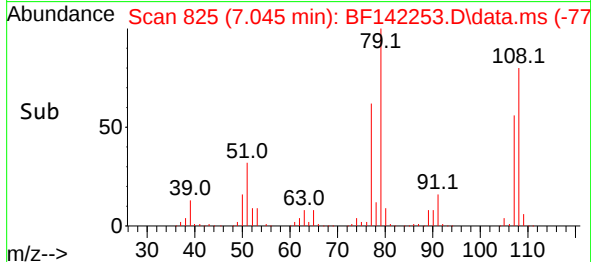
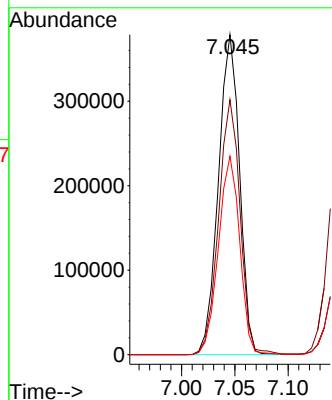
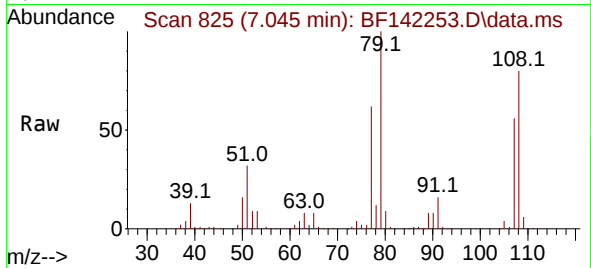




#15
Benzyl Alcohol
Concen: 42.584 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

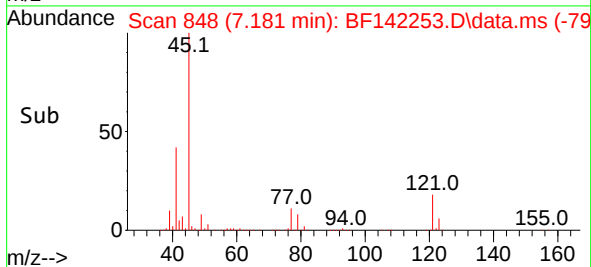
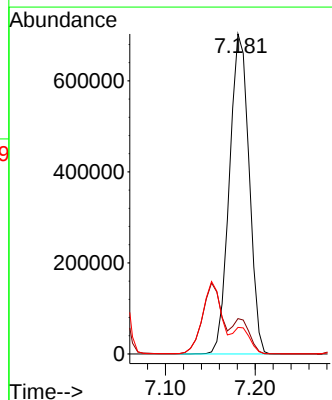
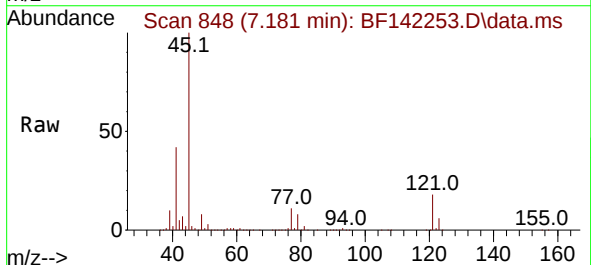
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

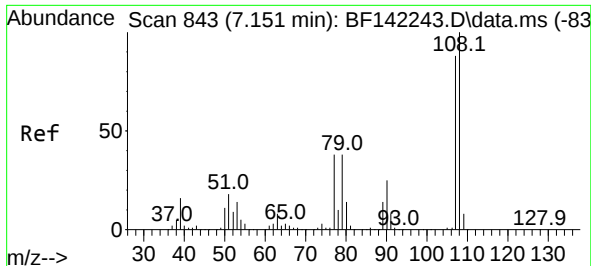
Tgt Ion: 79 Resp: 522603
Ion Ratio Lower Upper
79 100
108 79.7 64.5 96.7
77 62.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.987 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 45 Resp: 1068395
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.3
79 8.3 0.0 28.5

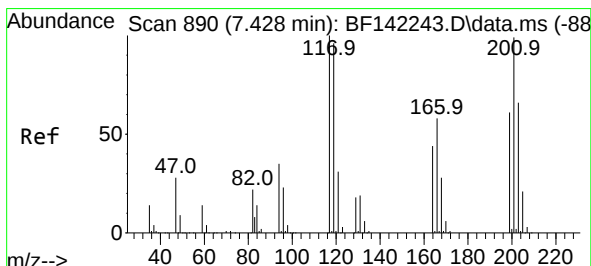
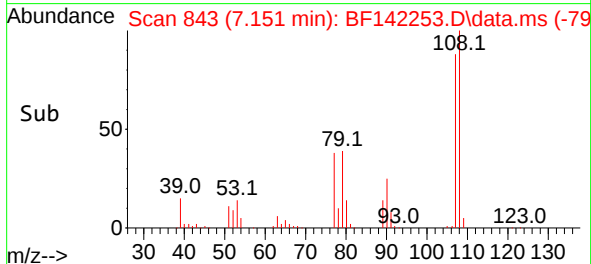
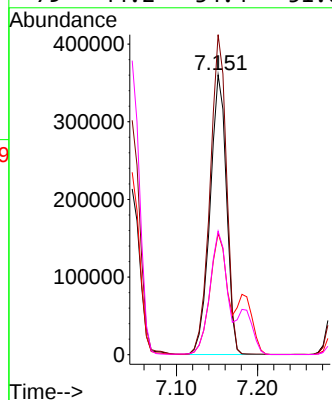
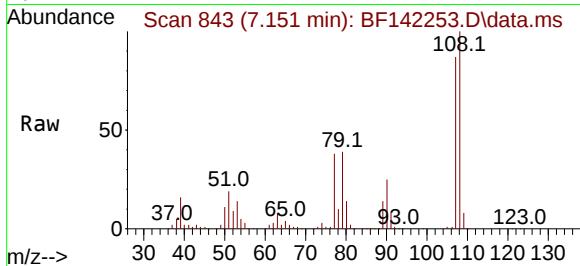




#17
2-Methylphenol
Concen: 41.769 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

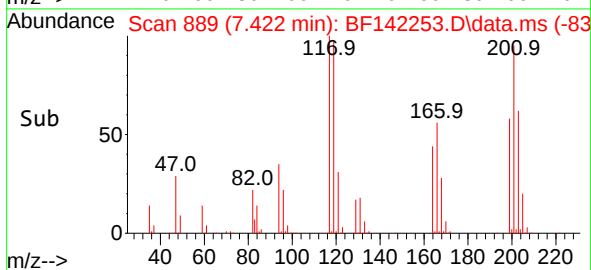
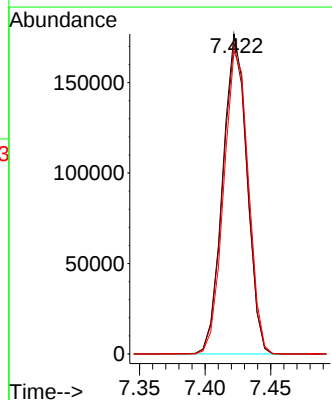
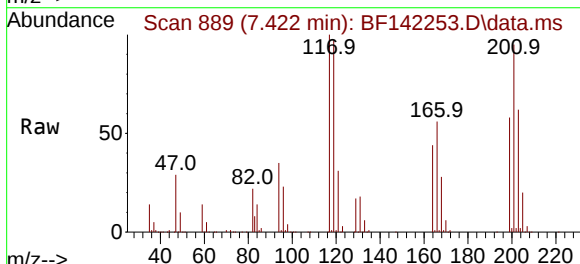
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

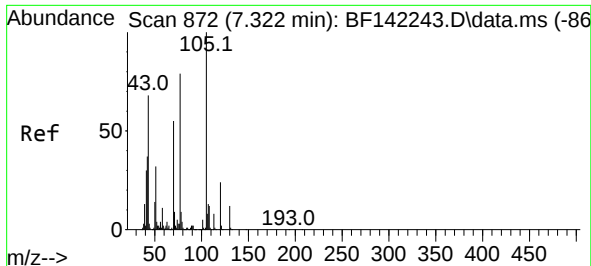
Tgt Ion:	107	Resp:	506643
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.0	136.4
77	43.3	34.4	51.6
79	44.2	34.4	51.6



#18
Hexachloroethane
Concen: 41.260 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:	117	Resp:	227904
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.1	115.7
201	94.6	79.4	119.2



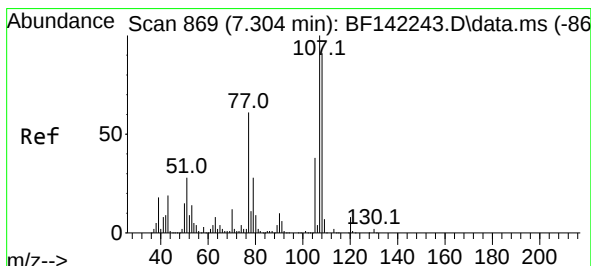
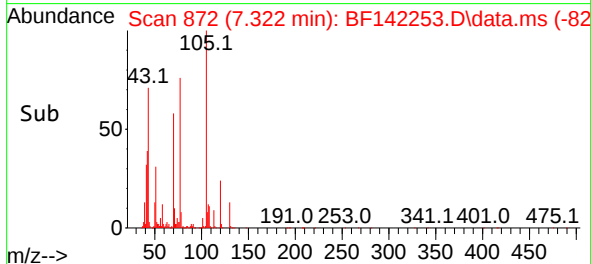
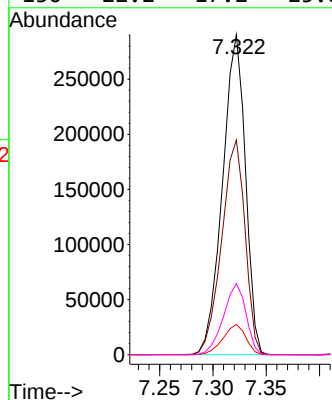
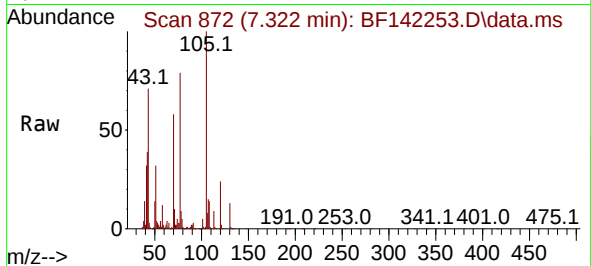


#19
n-Nitroso-di-n-propylamine
Concen: 40.572 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Tgt Ion: 70 Resp: 433820

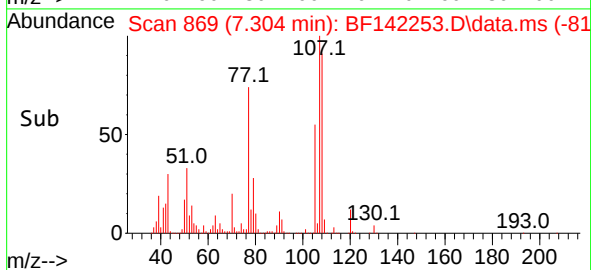
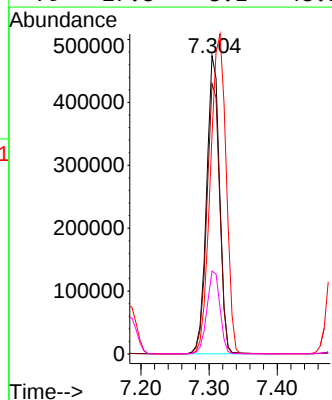
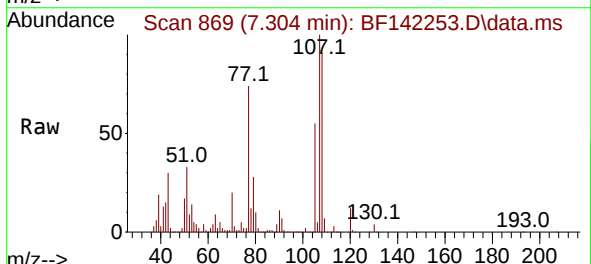
Ion	Ratio	Lower	Upper
70	100		
42	67.1	53.4	80.2
101	9.5	7.7	11.5
130	22.2	17.2	25.8

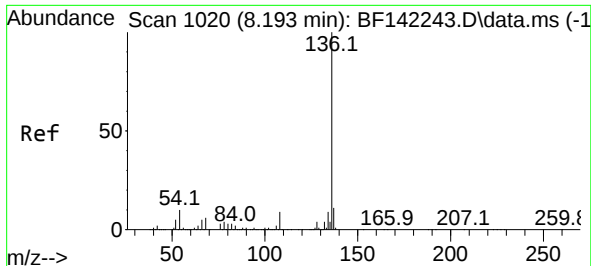


#20
3+4-Methylphenols
Concen: 41.251 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 107 Resp: 625731

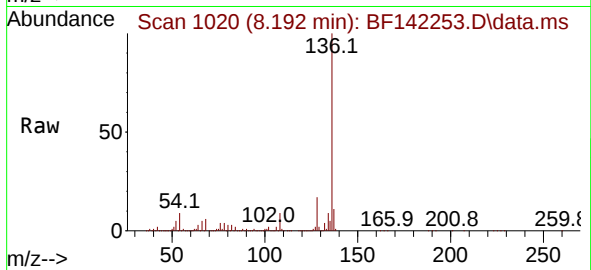
Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.2	111.2
77	73.8	41.1	81.1
79	27.8	8.1	48.1



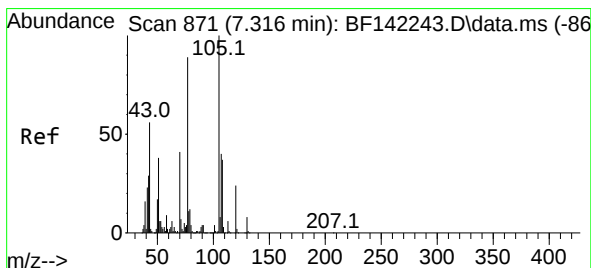
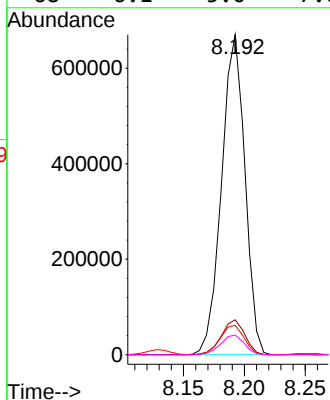
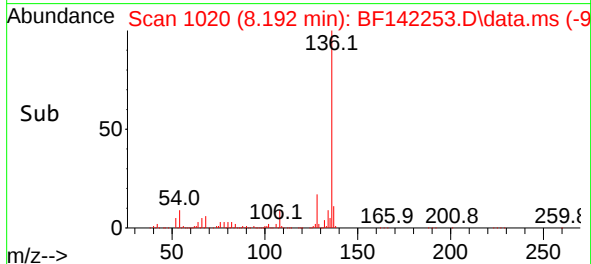


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 10
Delta R.T. -0.001 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

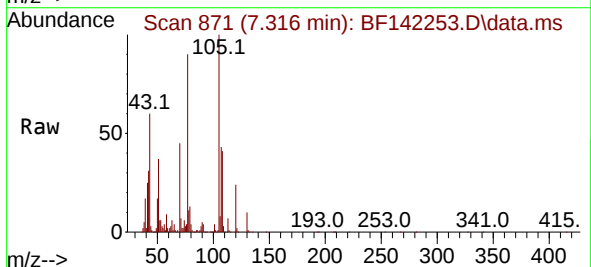
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



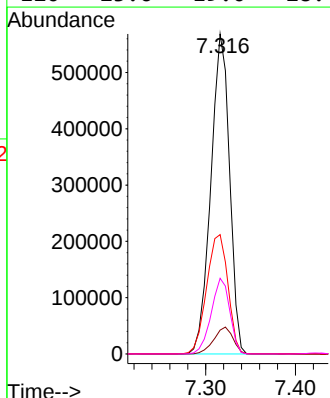
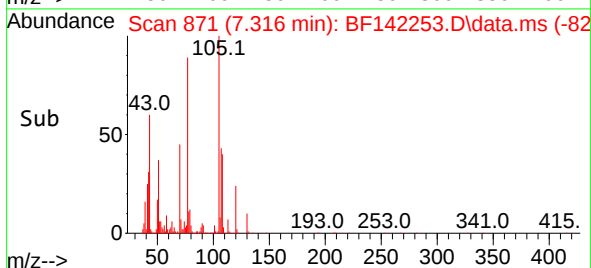
Tgt Ion:136 Resp: 895505
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.2 7.7 11.5
68 6.1 5.0 7.6

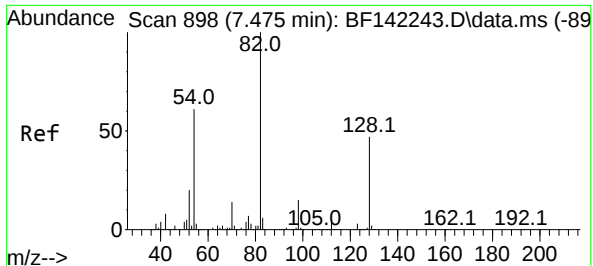


#22
Acetophenone
Concen: 39.692 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



Tgt Ion:105 Resp: 822300
Ion Ratio Lower Upper
105 100
71 7.4 5.7 8.5
51 37.3 30.1 45.1
120 23.6 19.0 28.4

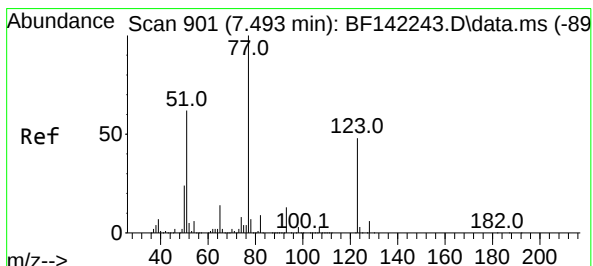
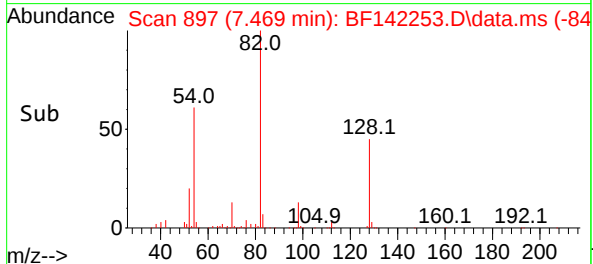
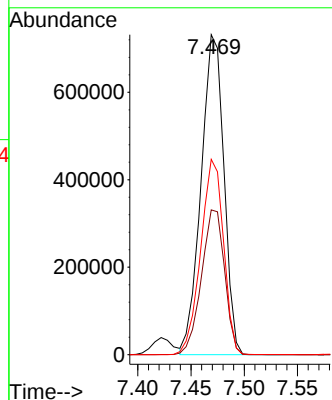
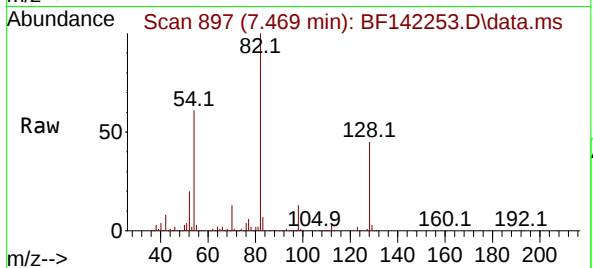




#23
Nitrobenzene-d5
Concen: 80.319 ng
RT: 7.469 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

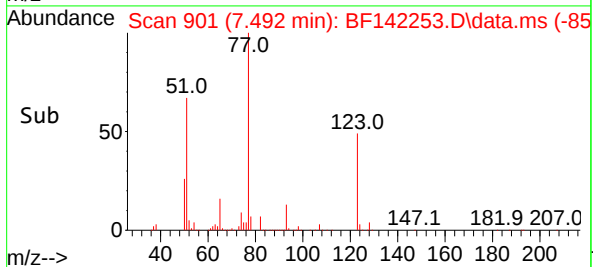
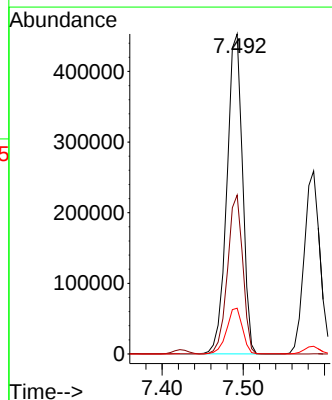
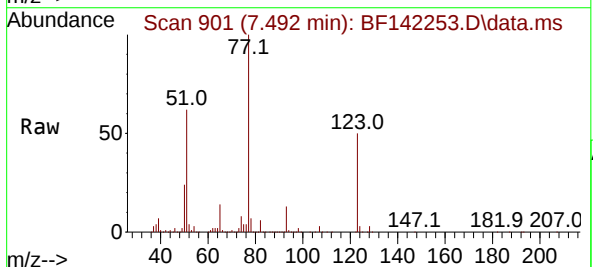
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BNA_F
ClientSampleId :
PB167798BSD

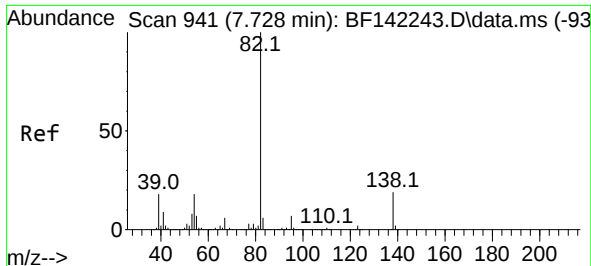
Tgt Ion: 82 Resp: 1094804
Ion Ratio Lower Upper
82 100
128 45.2 37.0 55.6
54 61.1 48.0 72.0



#24
Nitrobenzene
Concen: 45.294 ng
RT: 7.492 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 77 Resp: 605776
Ion Ratio Lower Upper
77 100
123 49.7 38.6 58.0
65 14.3 11.5 17.3

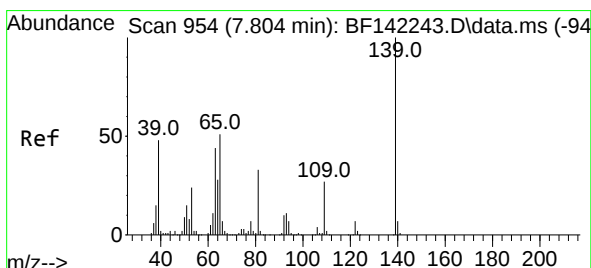
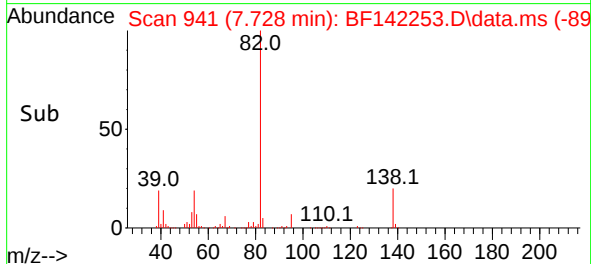
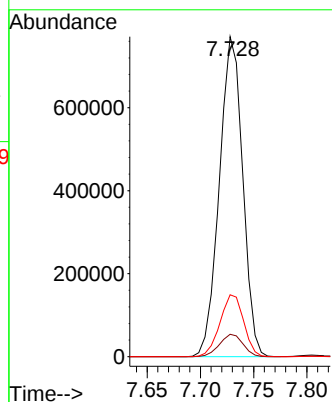
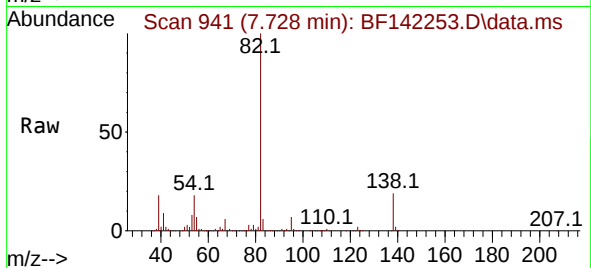




#25
Isophorone
Concen: 41.096 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

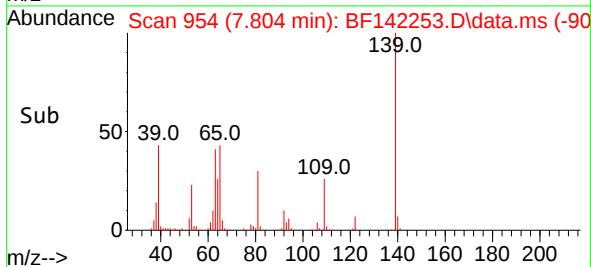
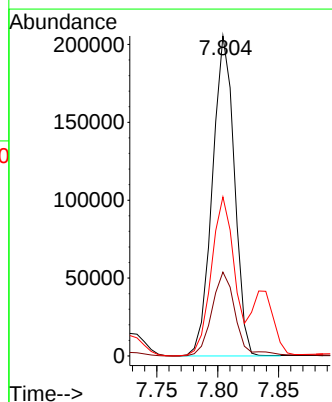
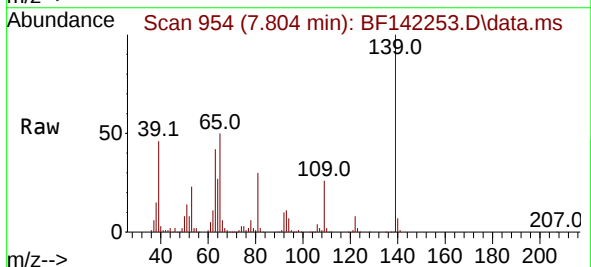
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

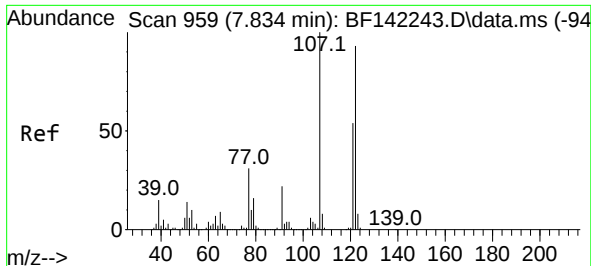
Tgt Ion: 82 Resp: 1175652
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.4 15.3 22.9



#26
2-Nitrophenol
Concen: 46.327 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:139 Resp: 258365
Ion Ratio Lower Upper
139 100
109 26.2 21.8 32.8
65 49.7 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 42.472 ng

RT: 7.840 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

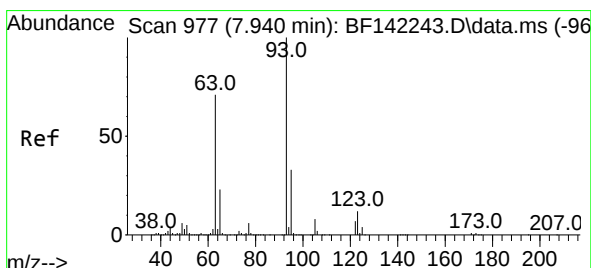
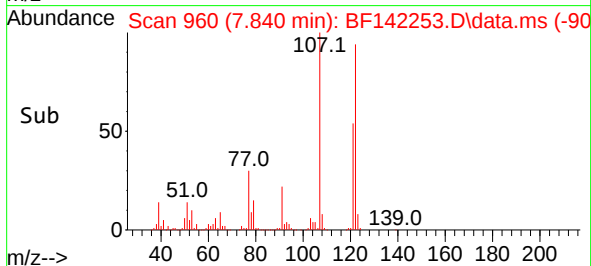
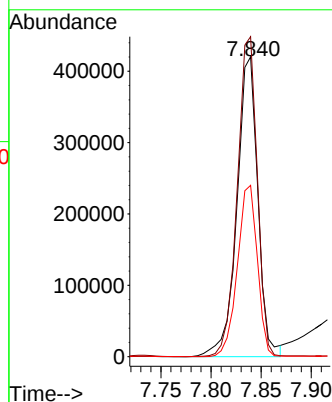
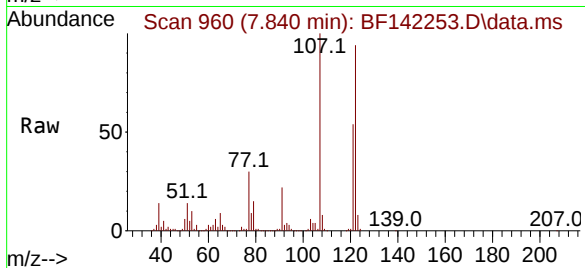
Tgt Ion:122 Resp: 612593

Ion Ratio Lower Upper

122 100

107 106.7 86.0 129.0

121 57.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.043 ng

RT: 7.940 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

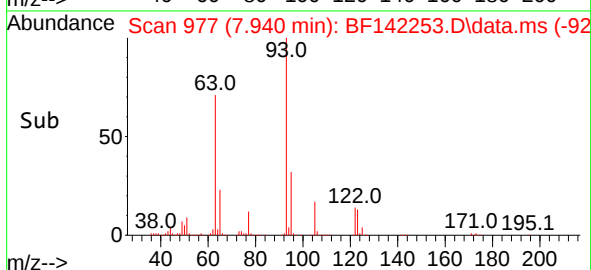
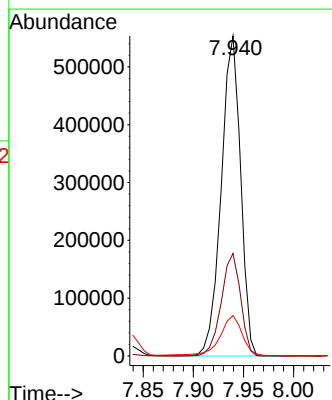
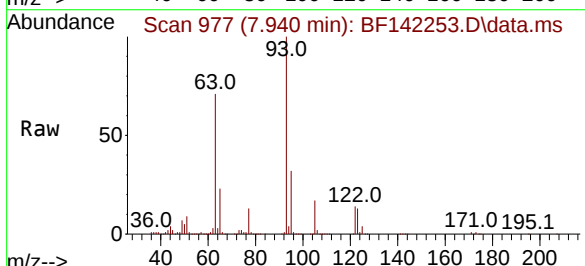
Tgt Ion: 93 Resp: 740492

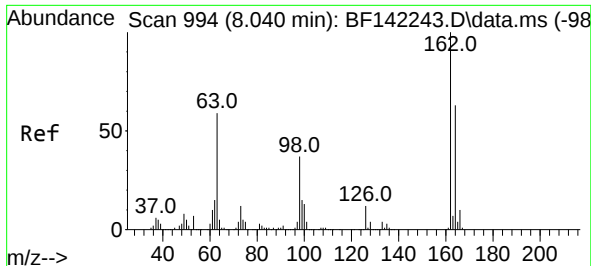
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.2

123 12.6 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.259 ng

RT: 8.040 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

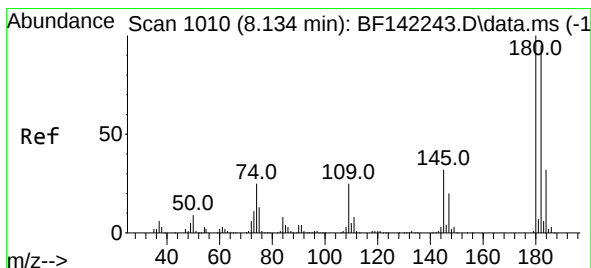
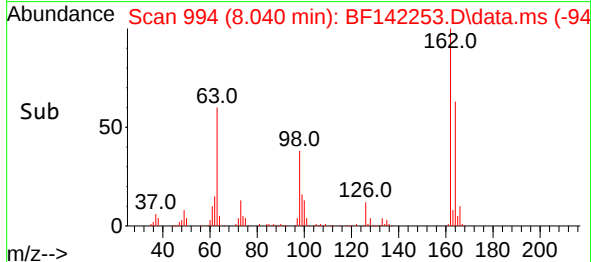
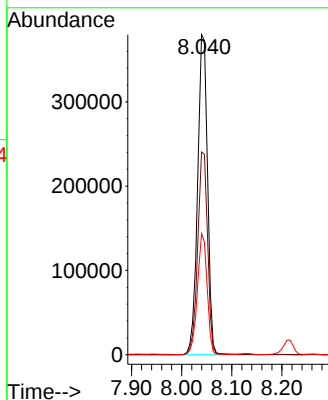
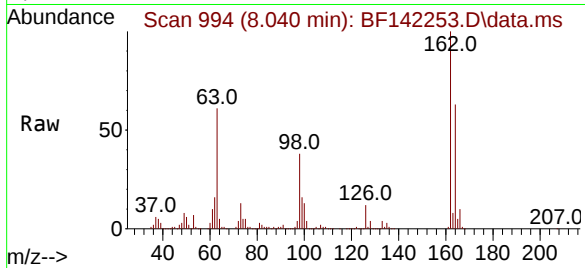
Tgt Ion:162 Resp: 521645

Ion Ratio Lower Upper

162 100

164 63.3 43.0 83.0

98 37.8 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 40.582 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

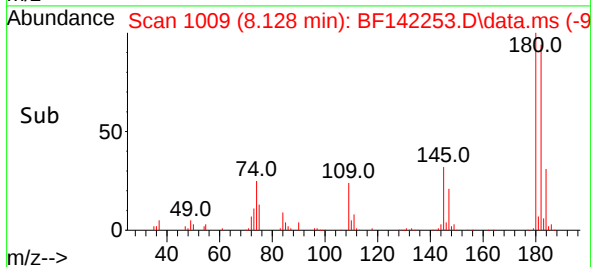
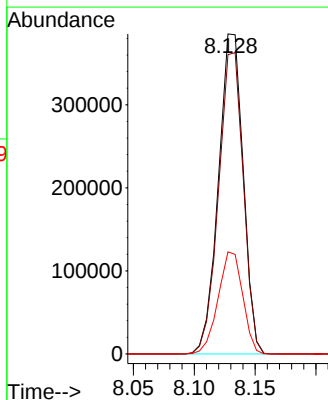
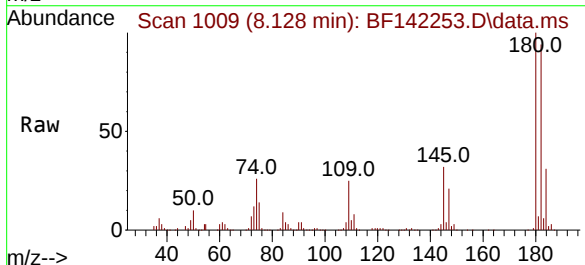
Tgt Ion:180 Resp: 546079

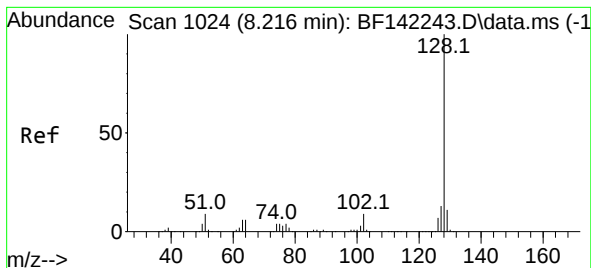
Ion Ratio Lower Upper

180 100

182 93.5 75.7 113.5

145 31.9 25.4 38.0





#31

Naphthalene

Concen: 39.820 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

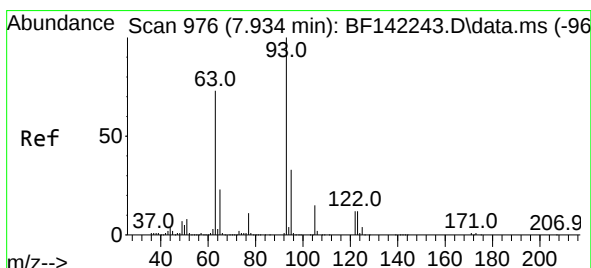
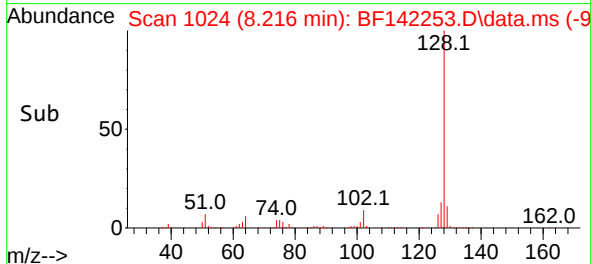
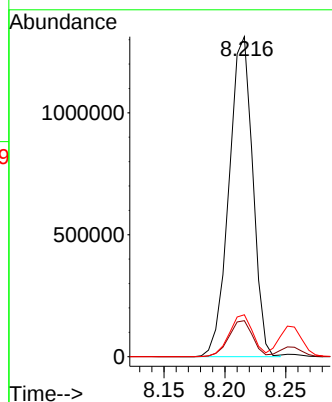
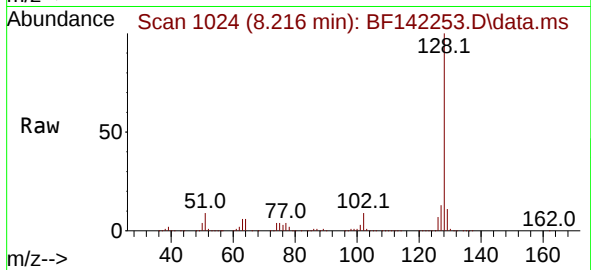
Tgt Ion:128 Resp: 1778327

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 13.1 10.6 15.8



#32

Benzoic acid

Concen: 44.431 ng

RT: 7.951 min Scan# 979

Delta R.T. 0.017 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

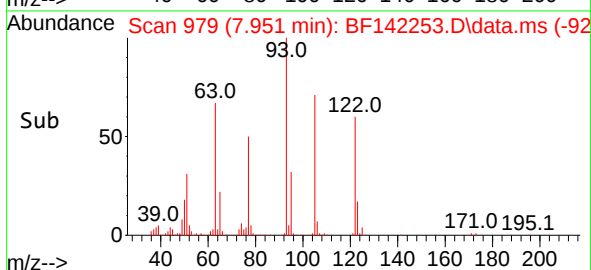
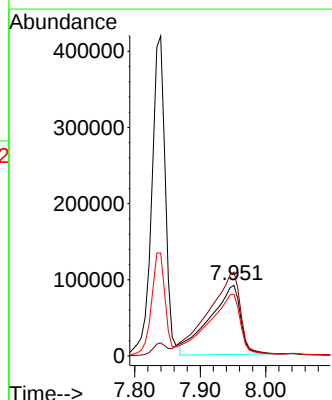
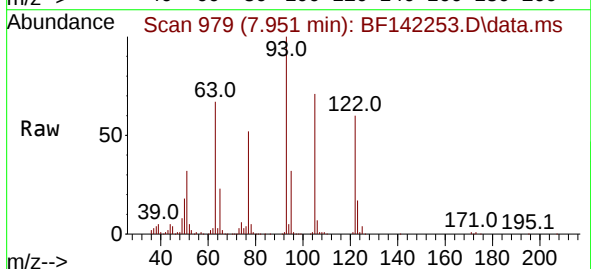
Tgt Ion:122 Resp: 297819

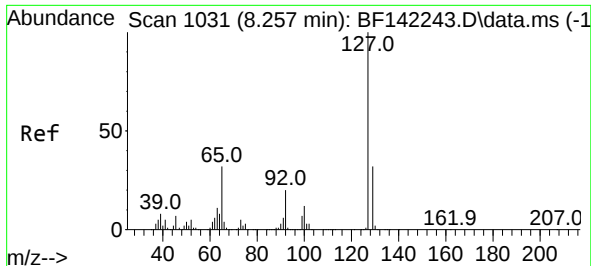
Ion Ratio Lower Upper

122 100

105 118.7 98.2 138.2

77 87.4 66.8 106.8

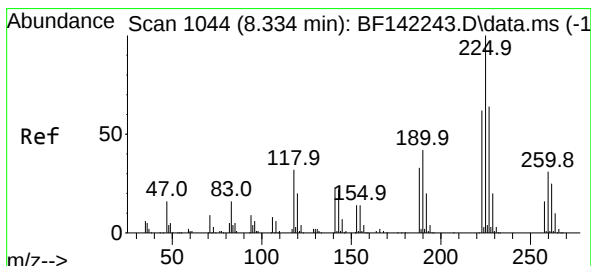
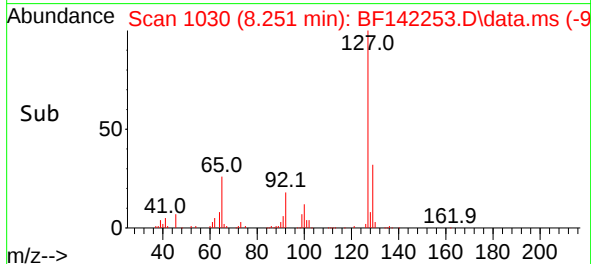
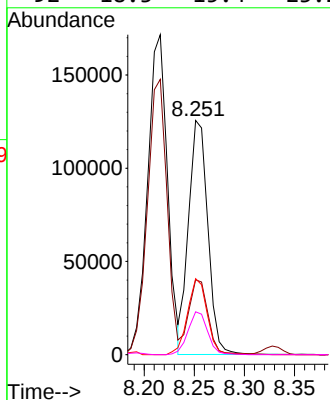
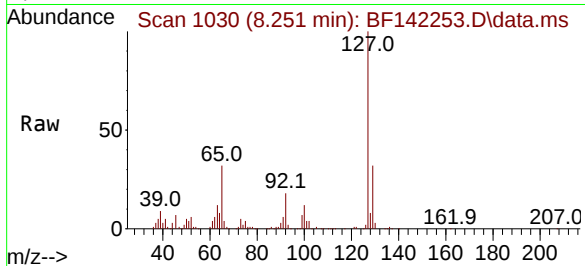




#33
4-Chloroaniline
Concen: 9.036 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

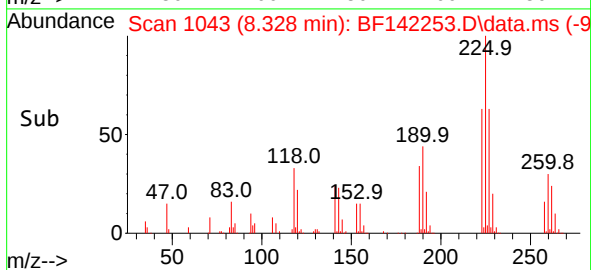
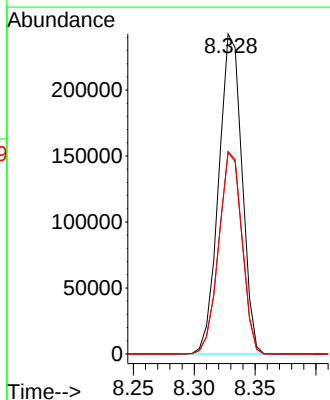
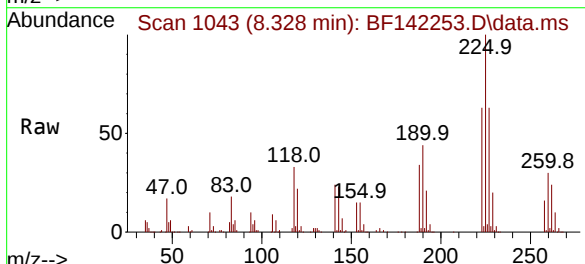
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

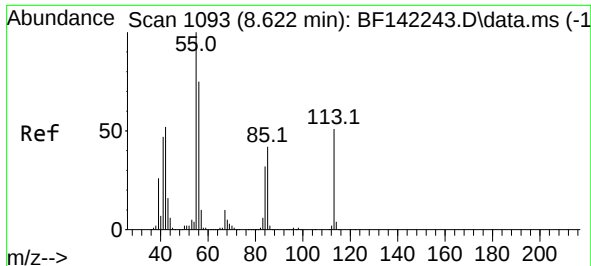
Tgt Ion:127	Resp: 168046
Ion Ratio	Lower Upper
127 100	
129 32.0	26.1 39.1
65 32.5	25.5 38.3
92 18.3	15.4 23.2



#34
Hexachlorobutadiene
Concen: 41.113 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt	Ion:225	Resp:	322773
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	63.3	51.0	76.4

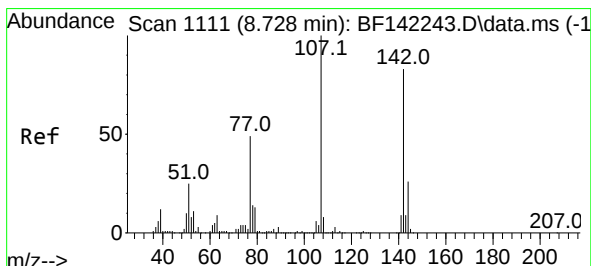
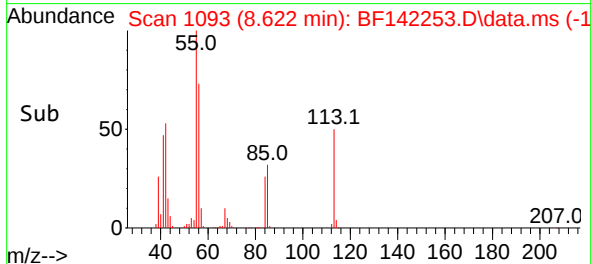
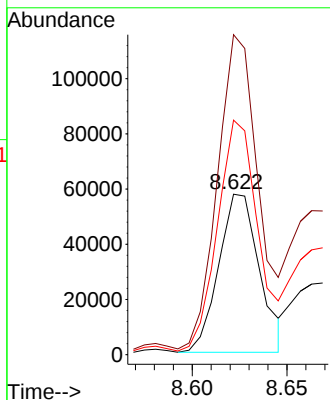
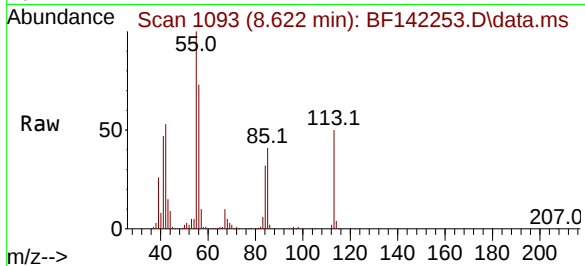




#35
 Caprolactam
 Concen: 23.585 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.000 min
 Lab File: BF142253.D
 Acq: 01 May 2025 11:42

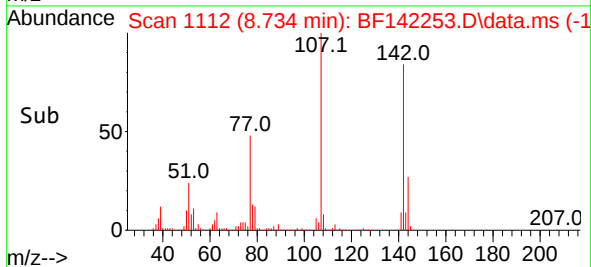
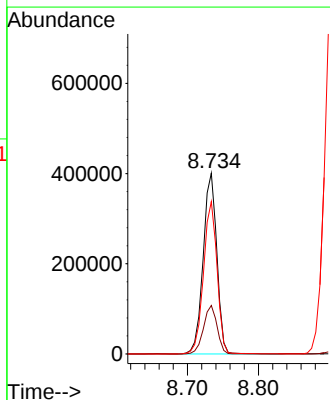
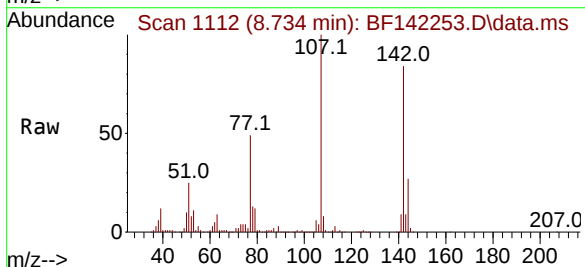
Instrument :
 BNA_F
 ClientSampleId :
 PB167798BSD

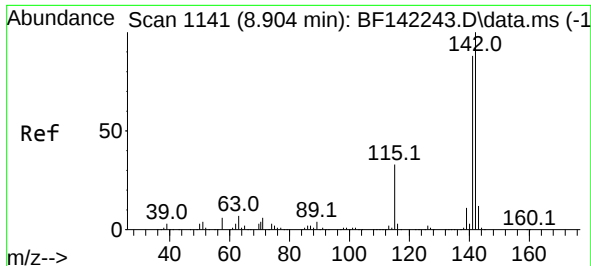
Tgt Ion:113 Resp: 85486
 Ion Ratio Lower Upper
 113 100
 55 199.5 177.7 217.7
 56 146.2 127.1 167.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.445 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF142253.D
 Acq: 01 May 2025 11:42

Tgt Ion:107 Resp: 537952
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.0 31.4
 142 84.2 66.1 99.1





#37

2-Methylnaphthalene

Concen: 40.241 ng

RT: 8.904 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

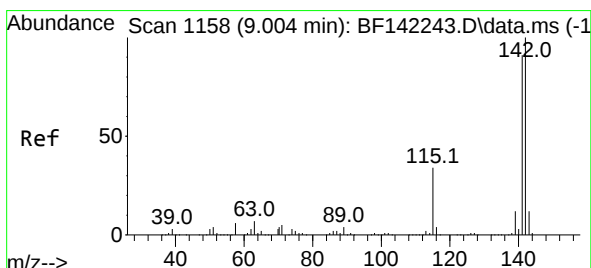
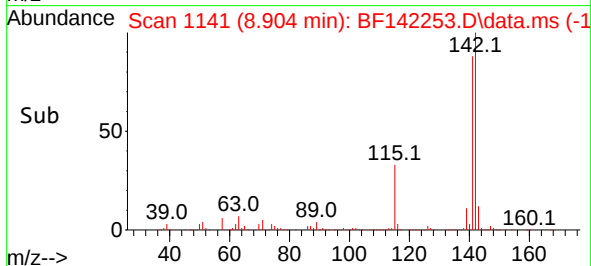
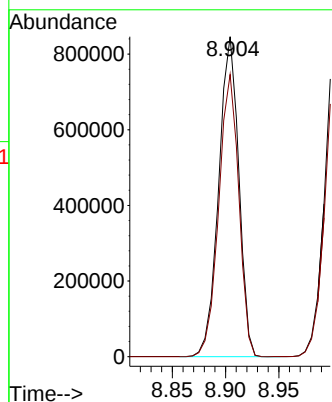
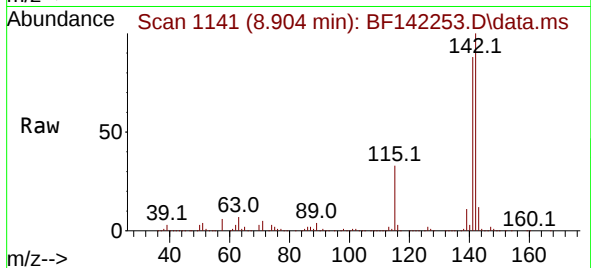
PB167798BSD

Tgt Ion:142 Resp: 1104930

Ion Ratio Lower Upper

142 100

141 88.2 70.5 105.7



#38

1-Methylnaphthalene

Concen: 40.445 ng

RT: 9.004 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF142253.D

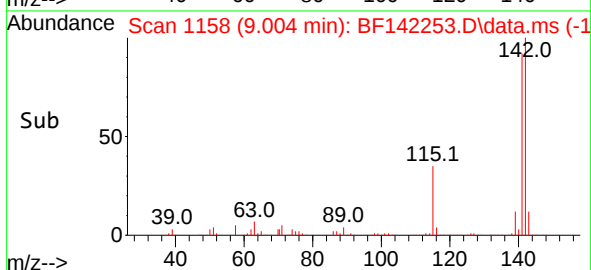
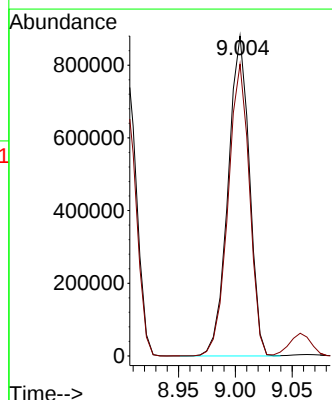
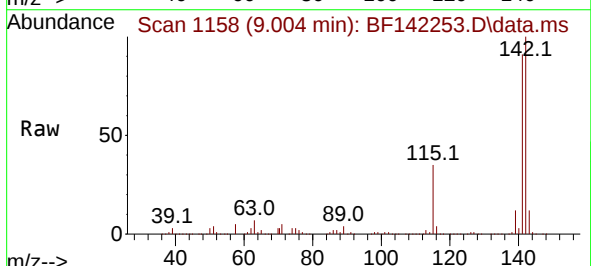
Acq: 01 May 2025 11:42

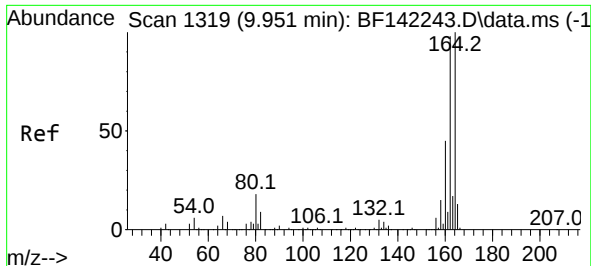
Tgt Ion:142 Resp: 1150453

Ion Ratio Lower Upper

142 100

141 91.2 72.8 109.2

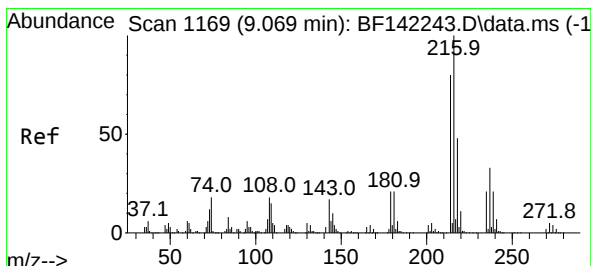
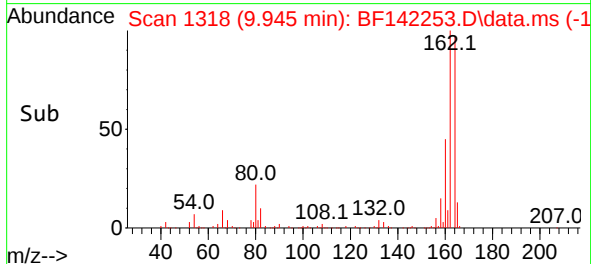
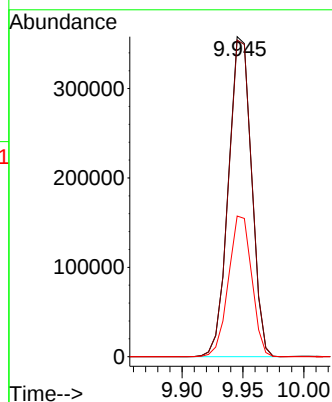
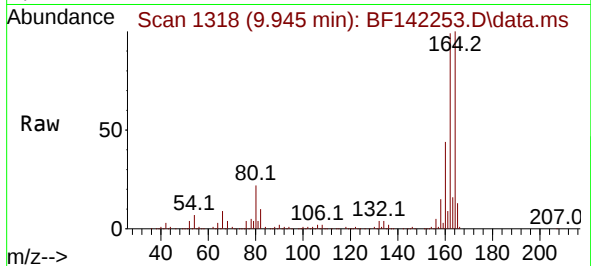




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

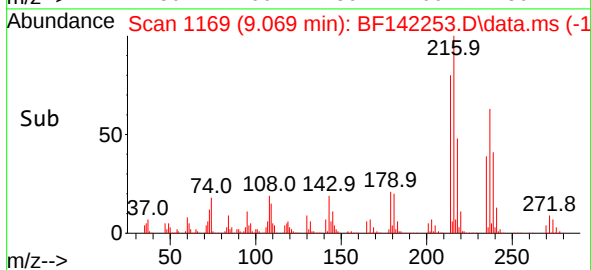
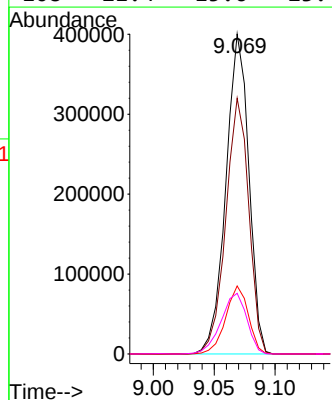
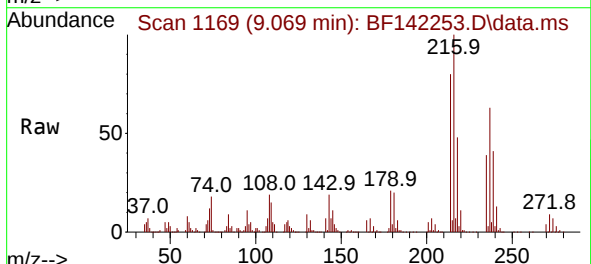
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

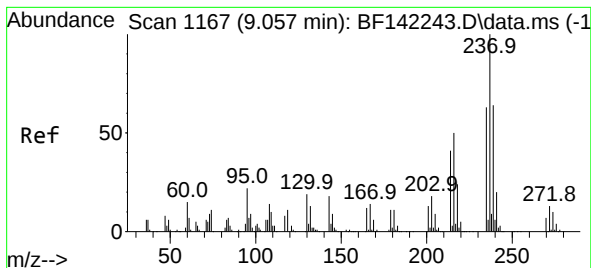
Tgt Ion:164 Resp: 472033
Ion Ratio Lower Upper
164 100
162 99.0 78.6 117.8
160 44.0 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.515 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:216 Resp: 524934
Ion Ratio Lower Upper
216 100
214 79.8 63.8 95.6
179 21.0 16.7 25.1
108 21.4 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 89.128 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

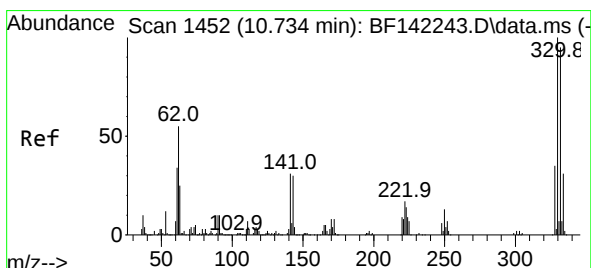
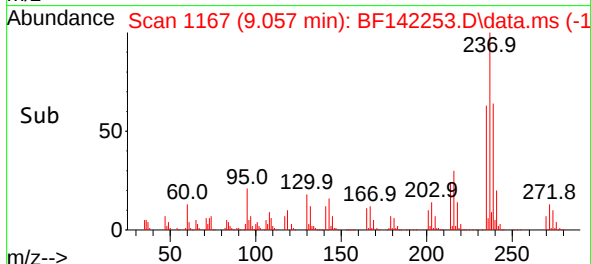
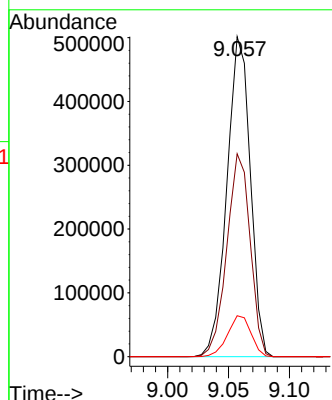
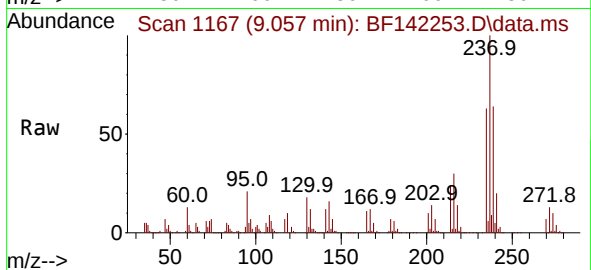
Tgt Ion:237 Resp: 671988

Ion Ratio Lower Upper

237 100

235 63.4 43.5 83.5

272 12.8 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 129.885 ng

RT: 10.739 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

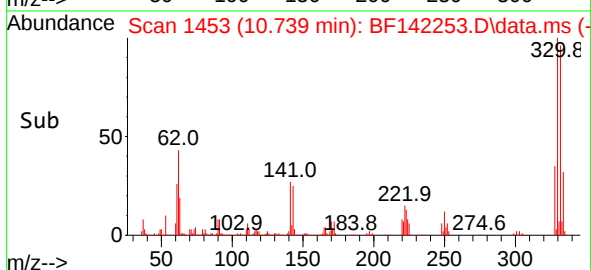
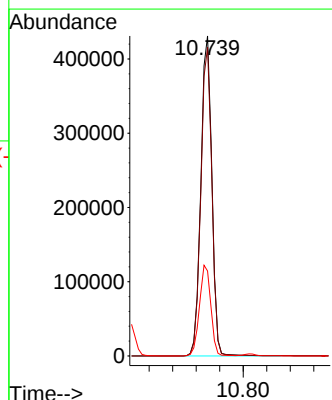
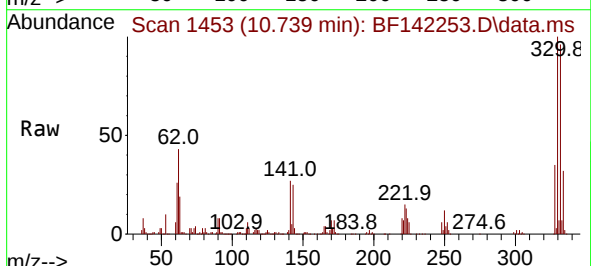
Tgt Ion:330 Resp: 558926

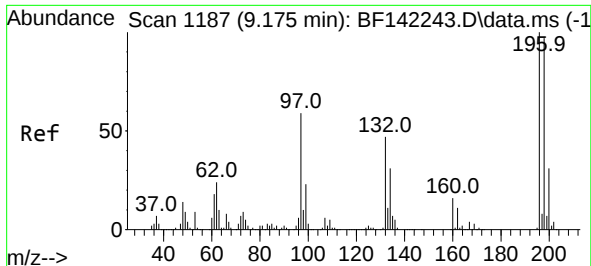
Ion Ratio Lower Upper

330 100

332 96.5 76.5 114.7

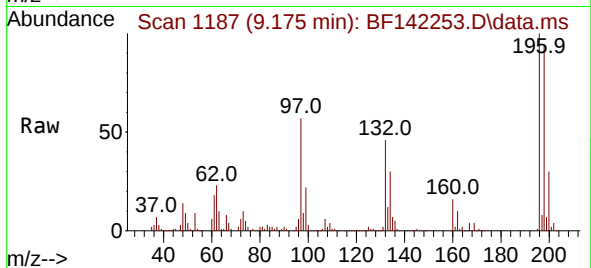
141 29.3 24.3 36.5



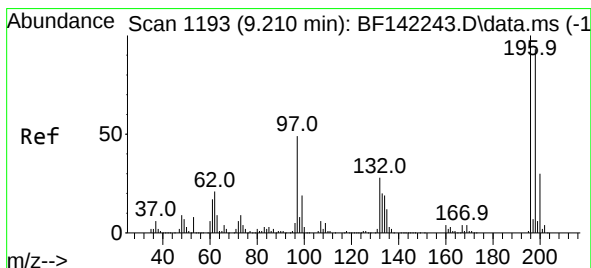
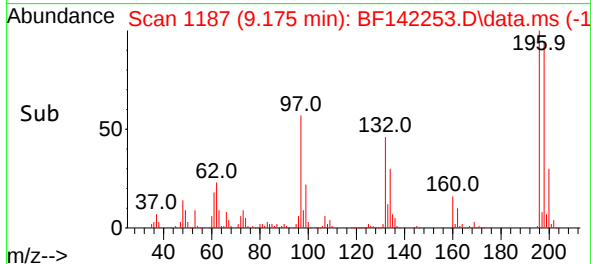
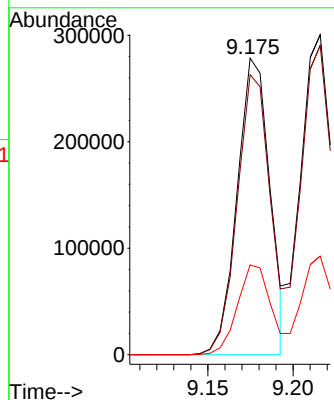


#43
2,4,6-Trichlorophenol
Concen: 45.244 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

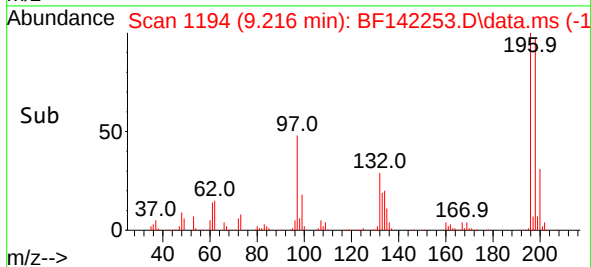
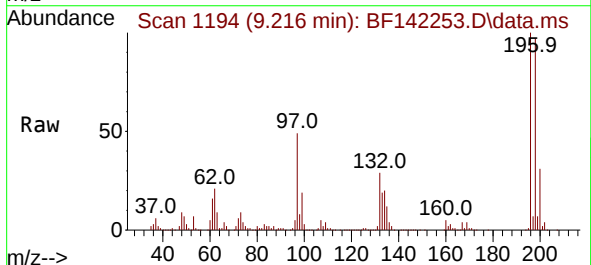
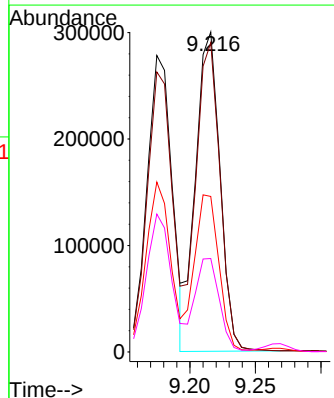


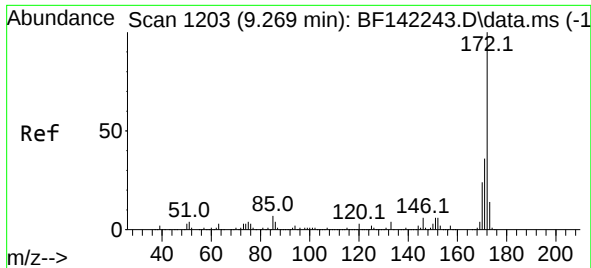
Tgt Ion:196 Resp: 372452
Ion Ratio Lower Upper
196 100
198 94.4 77.4 116.2
200 30.3 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 44.810 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:196 Resp: 387830
Ion Ratio Lower Upper
196 100
198 96.6 75.2 112.8
97 48.6 39.8 59.8
132 29.2 23.8 35.8

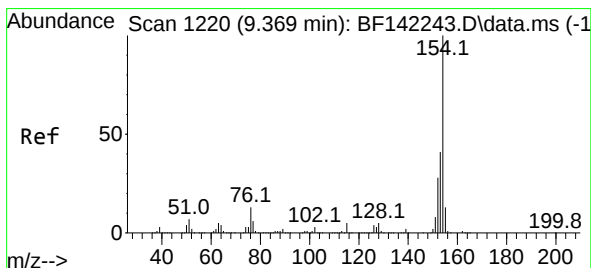
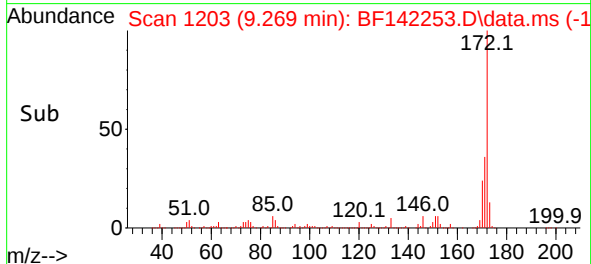
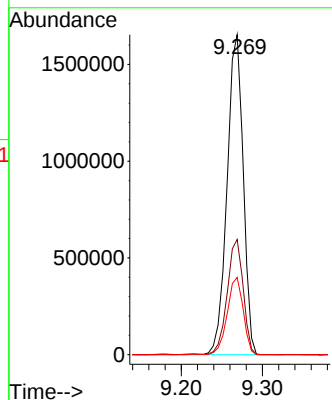
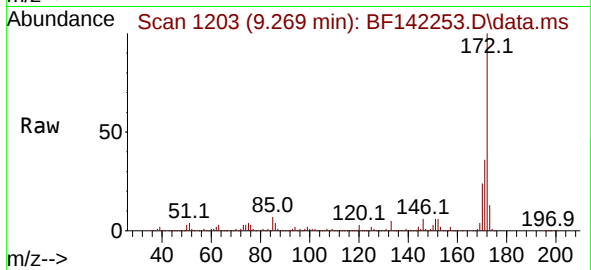




#45
2-Fluorobiphenyl
Concen: 68.240 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

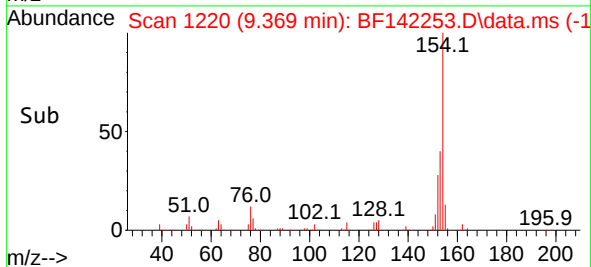
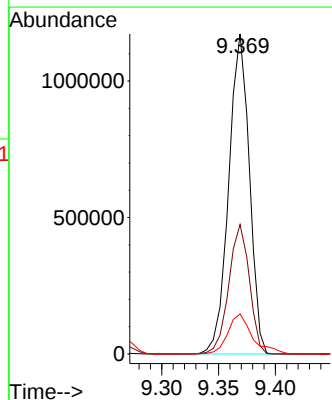
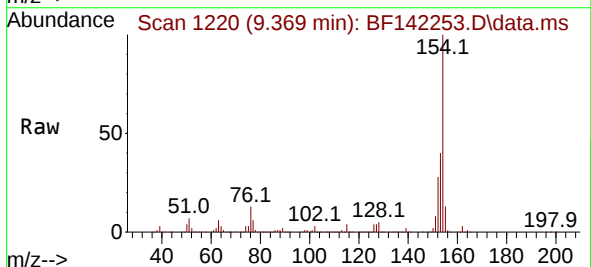
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

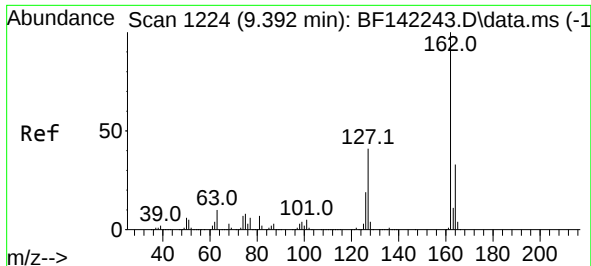
Tgt Ion:172 Resp: 2284570
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.2 19.4 29.0



#46
1,1'-Biphenyl
Concen: 40.340 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:154 Resp: 1480347
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 12.5 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.476 ng

RT: 9.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

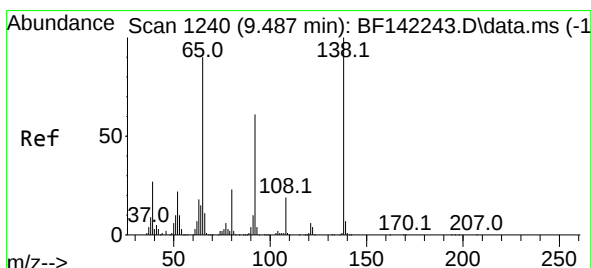
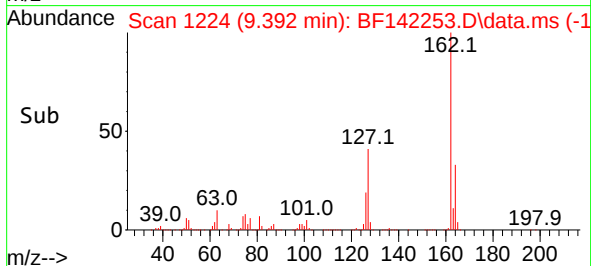
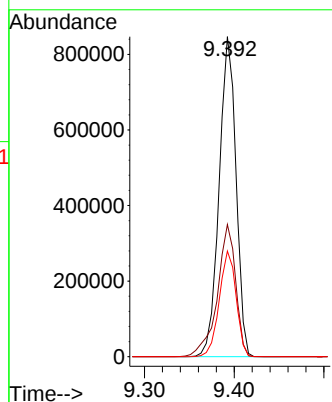
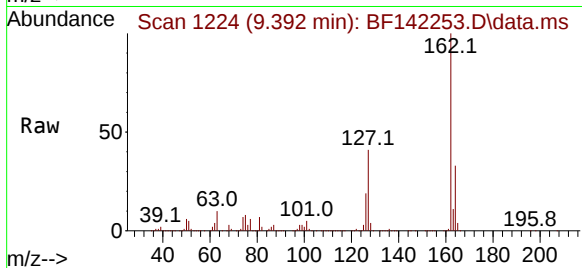
Tgt Ion:162 Resp: 1105087

Ion Ratio Lower Upper

162 100

127 41.3 32.6 49.0

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 45.363 ng

RT: 9.486 min Scan# 1240

Delta R.T. -0.001 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

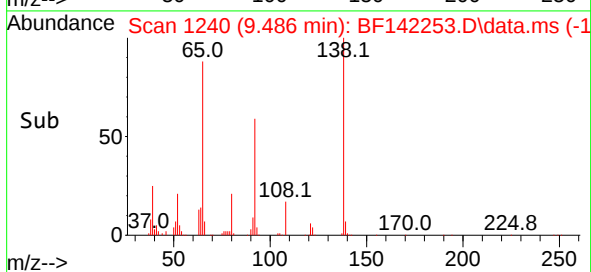
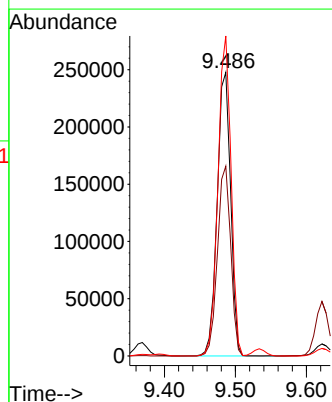
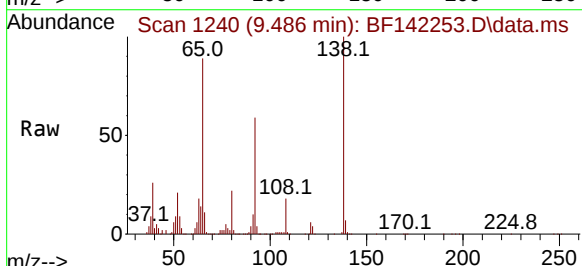
Tgt Ion: 65 Resp: 324508

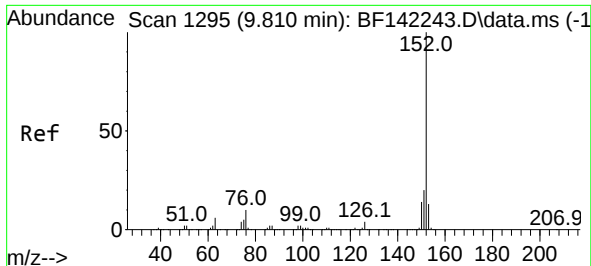
Ion Ratio Lower Upper

65 100

92 66.9 54.3 81.5

138 112.9 88.6 133.0





#49

Acenaphthylene

Concen: 40.794 ng

RT: 9.810 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

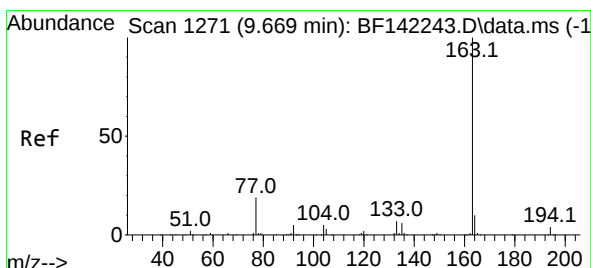
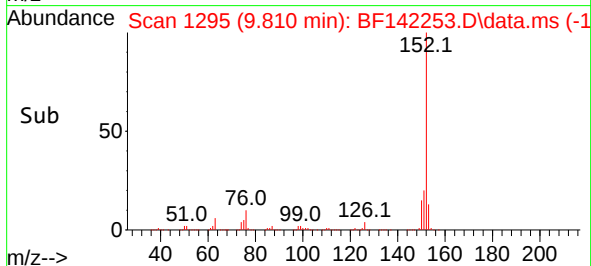
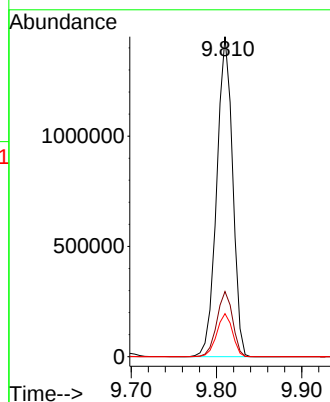
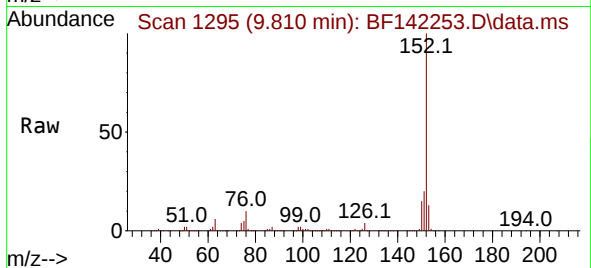
Tgt Ion:152 Resp: 1879452

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 42.733 ng

RT: 9.669 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

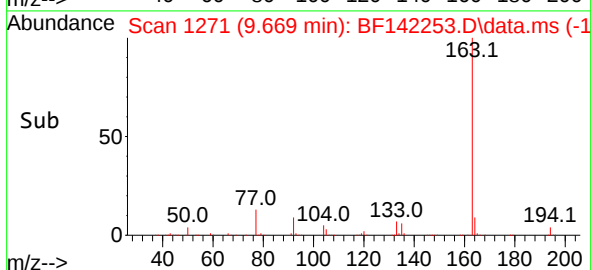
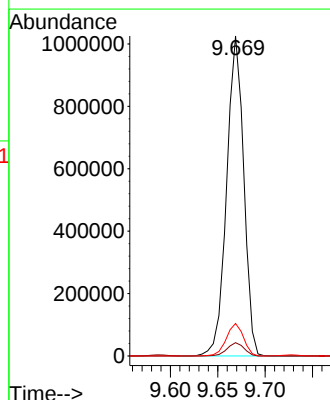
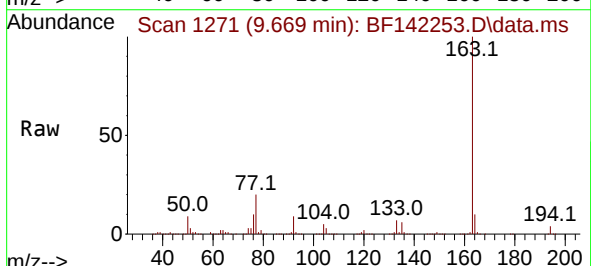
Tgt Ion:163 Resp: 1290455

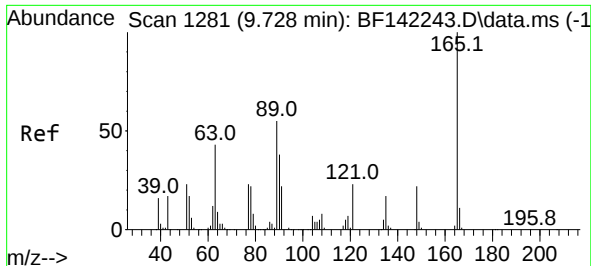
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.1 8.2 12.2

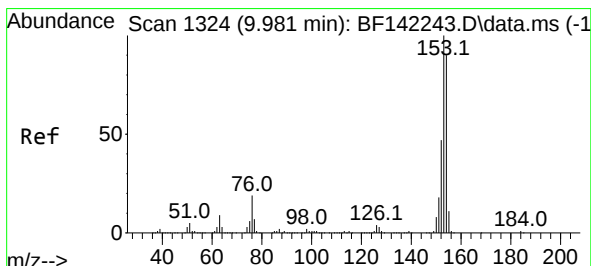
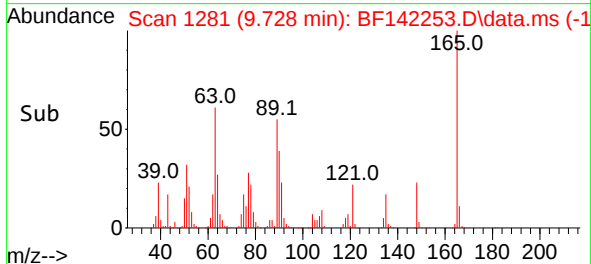
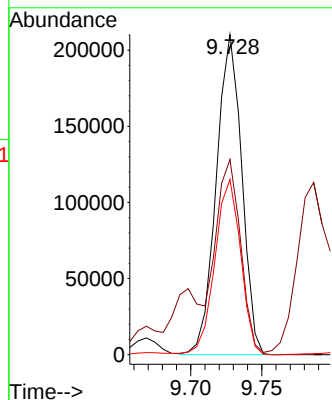
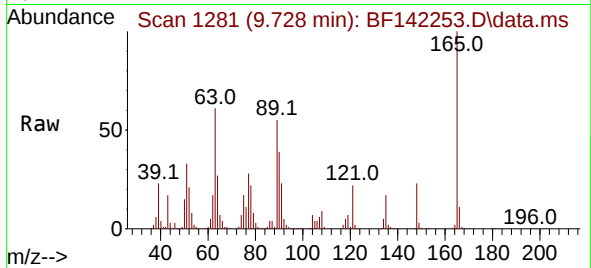




#51
2,6-Dinitrotoluene
Concen: 45.558 ng
RT: 9.728 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

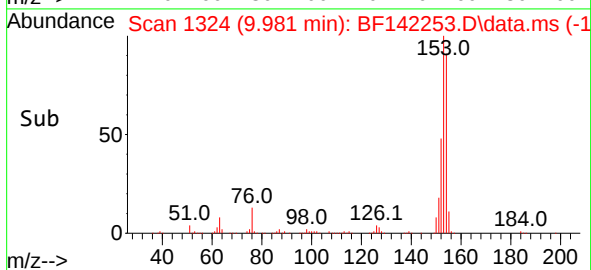
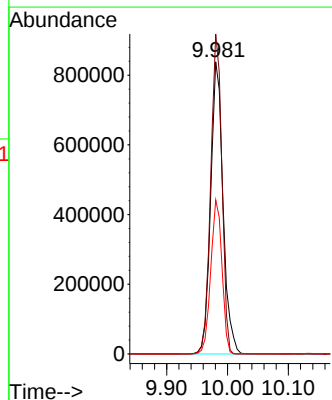
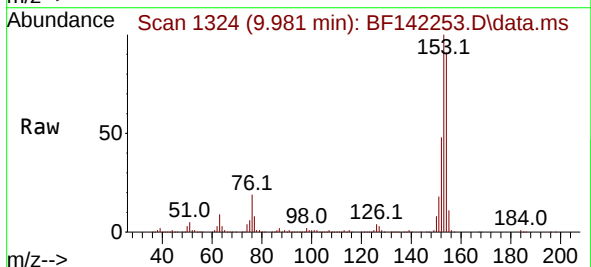
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

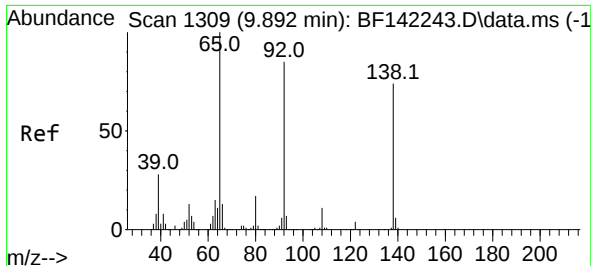
Tgt Ion:165 Resp: 262585
Ion Ratio Lower Upper
165 100
63 61.0 48.5 72.7
89 54.8 43.9 65.9



#52
Acenaphthene
Concen: 44.012 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:154 Resp: 1183957
Ion Ratio Lower Upper
154 100
153 109.6 88.6 133.0
152 52.8 42.1 63.1

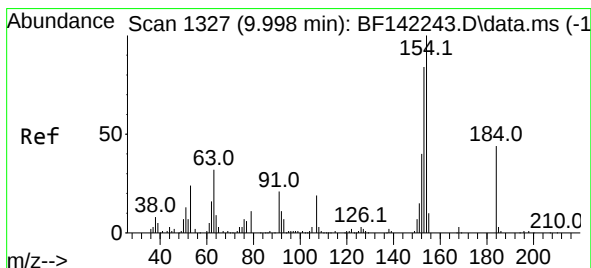
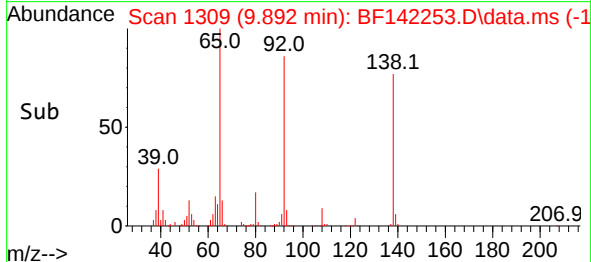
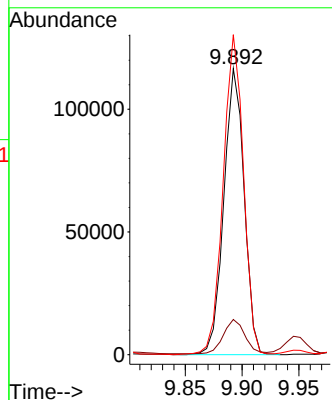
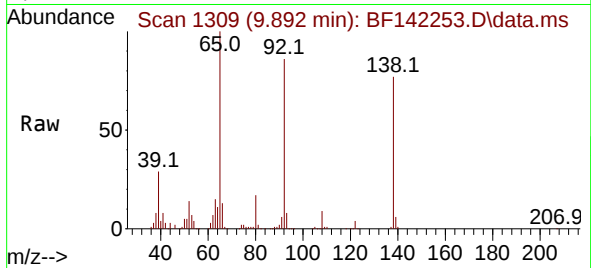




#53
3-Nitroaniline
Concen: 22.378 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

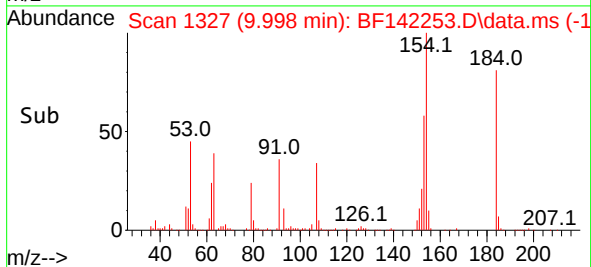
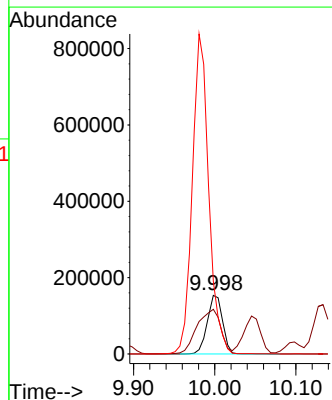
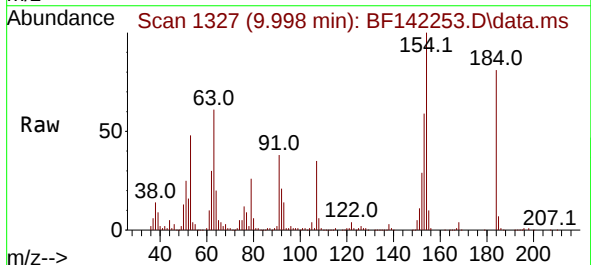
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

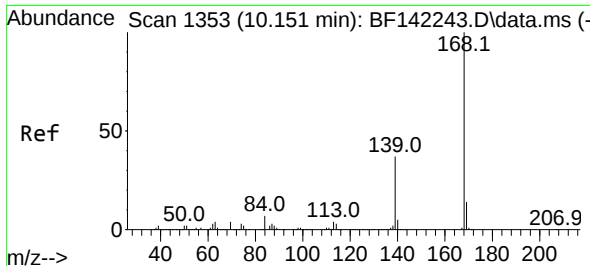
Tgt Ion:138 Resp: 144830
Ion Ratio Lower Upper
138 100
108 12.3 11.7 17.5
92 111.8 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 91.584 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:184 Resp: 199878
Ion Ratio Lower Upper
184 100
63 76.1 69.2 103.8
154 124.0 271.4 407.2#

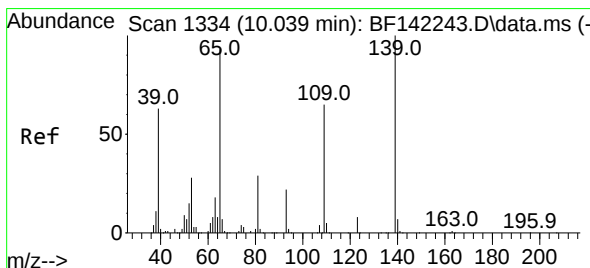
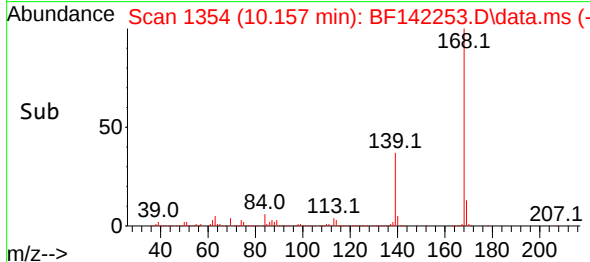
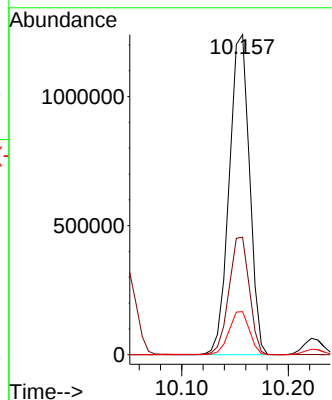
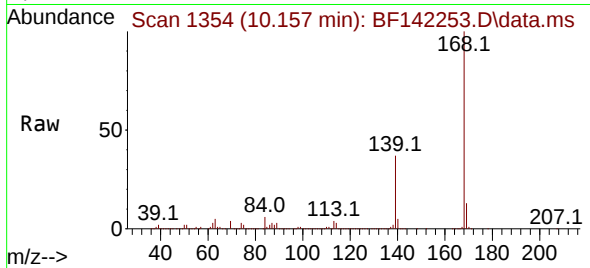




#55
Dibenzenofuran
Concen: 40.663 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

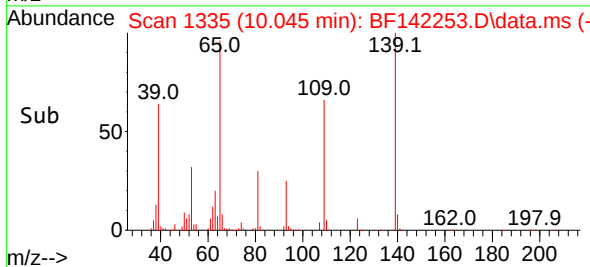
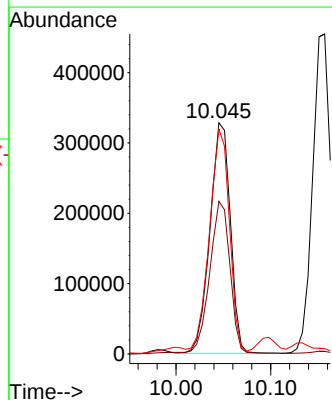
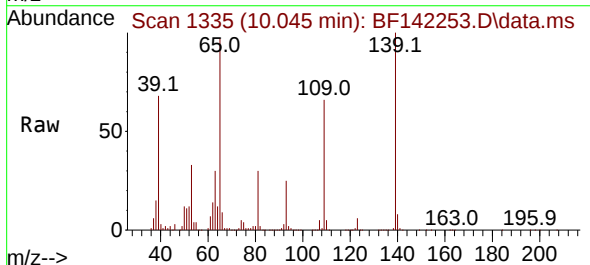
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

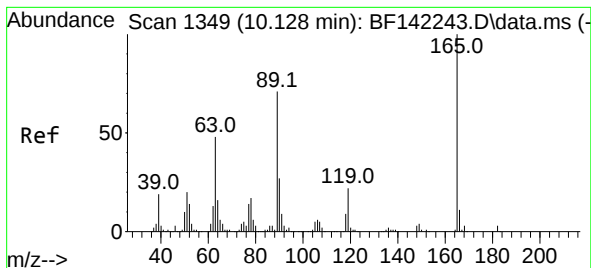
Tgt Ion:168 Resp: 1639725
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.0
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 103.057 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:139 Resp: 489174
Ion Ratio Lower Upper
139 100
109 66.0 44.9 84.9
65 97.3 74.7 114.7

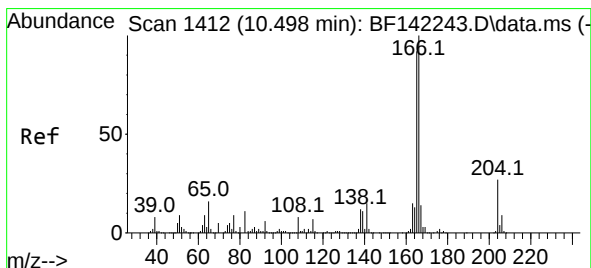
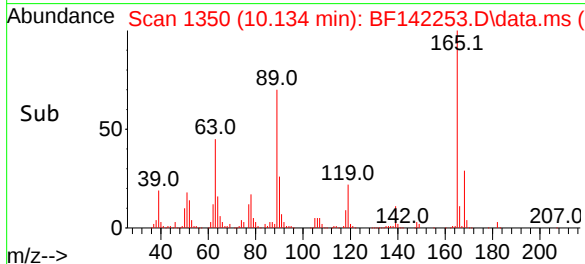
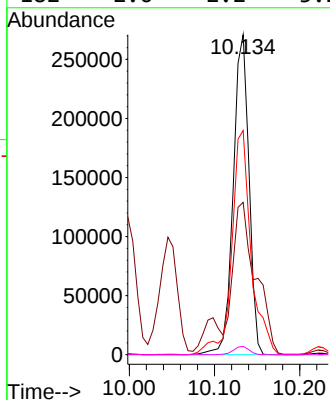
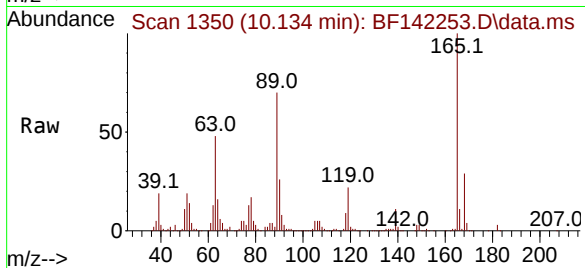




#57
2,4-Dinitrotoluene
Concen: 49.318 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

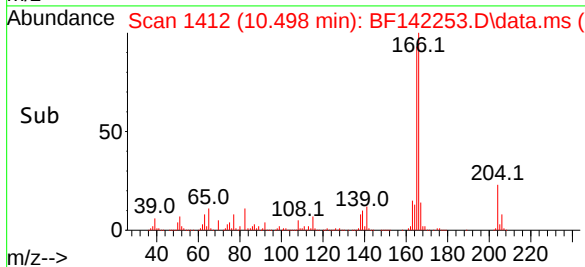
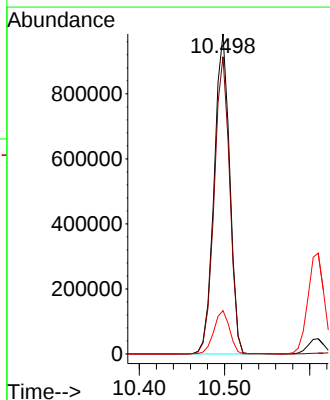
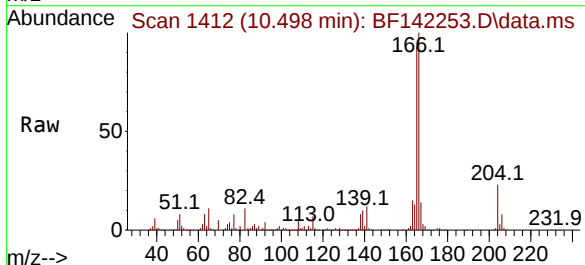
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

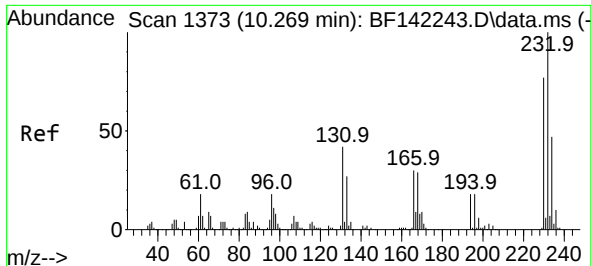
Tgt Ion:165 Resp: 346883
Ion Ratio Lower Upper
165 100
63 47.6 38.8 58.2
89 70.1 57.1 85.7
182 2.6 2.2 3.2



#58
Fluorene
Concen: 40.708 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

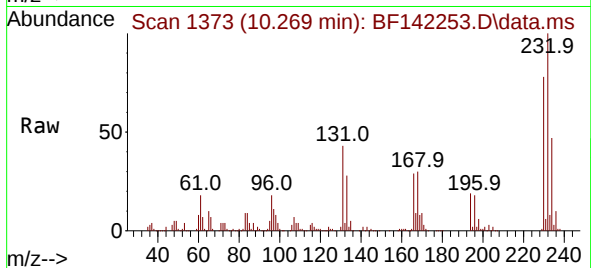
Tgt Ion:166 Resp: 1248146
Ion Ratio Lower Upper
166 100
165 92.9 73.9 110.9
167 13.6 10.8 16.2



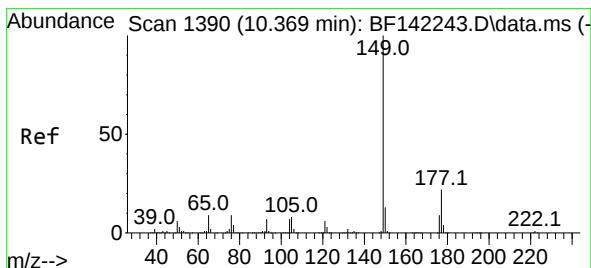
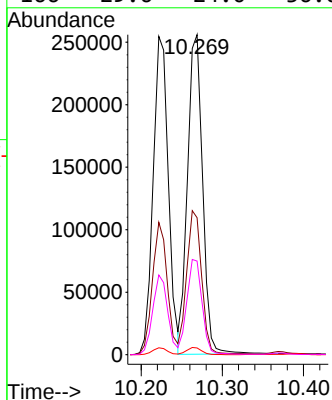
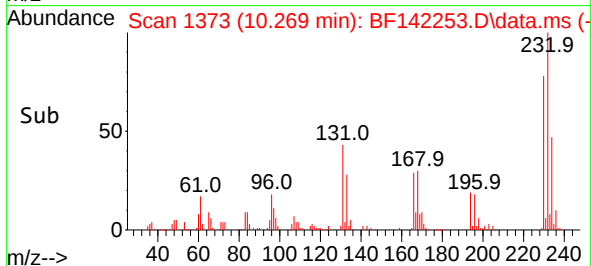


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.189 ng
RT: 10.269 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

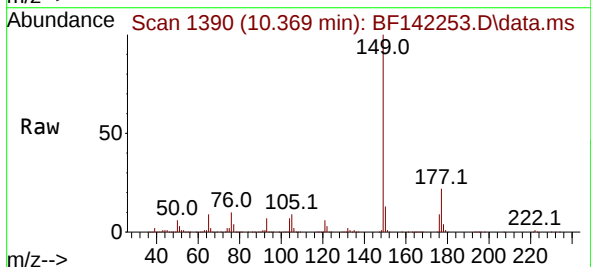
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



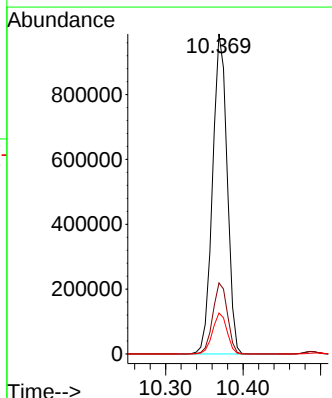
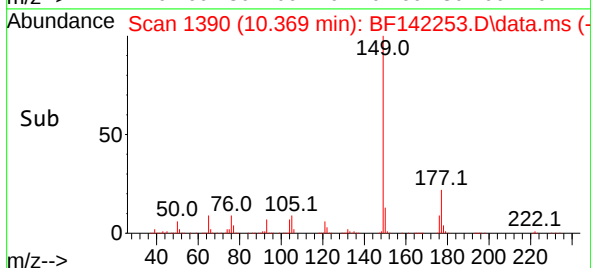
Tgt Ion:232 Resp: 331140
Ion Ratio Lower Upper
232 100
131 45.0 35.9 53.9
130 2.3 1.8 2.6
166 29.6 24.0 36.0

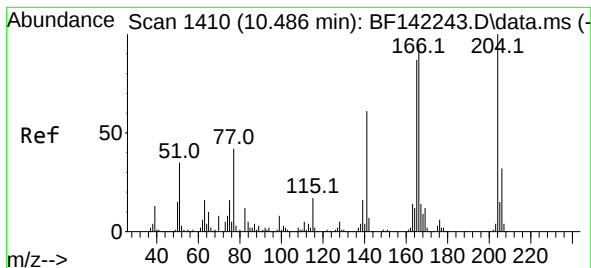


#60
Diethylphthalate
Concen: 43.172 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



Tgt Ion:149 Resp: 1287411
Ion Ratio Lower Upper
149 100
177 22.2 17.6 26.4
150 12.8 10.2 15.2

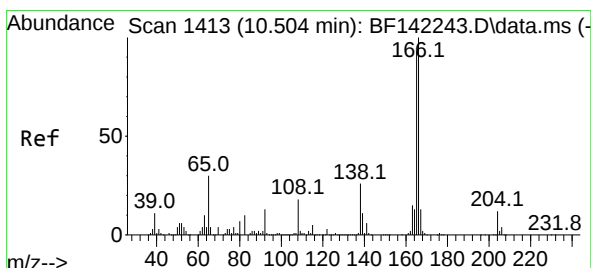
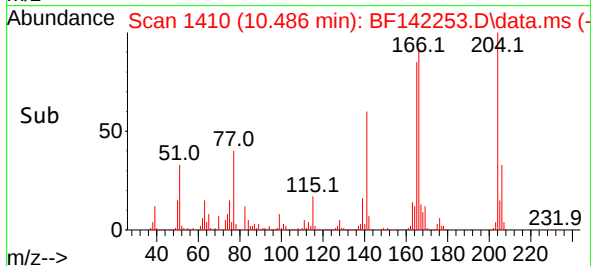
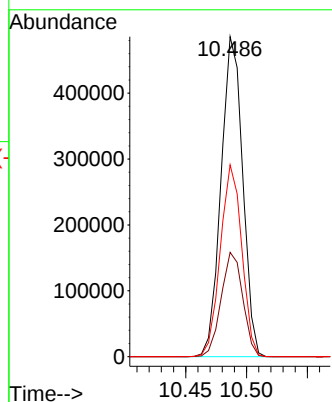
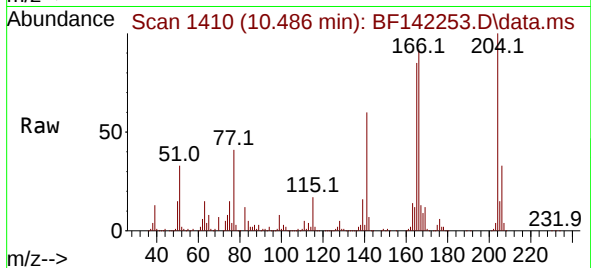




#61
4-Chlorophenyl-phenylether
Concen: 41.309 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

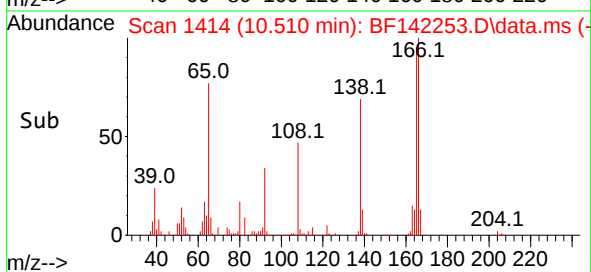
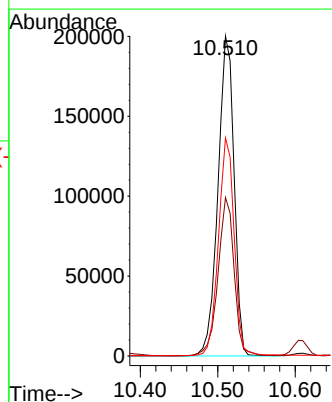
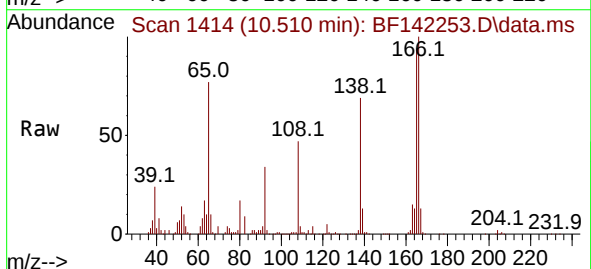
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

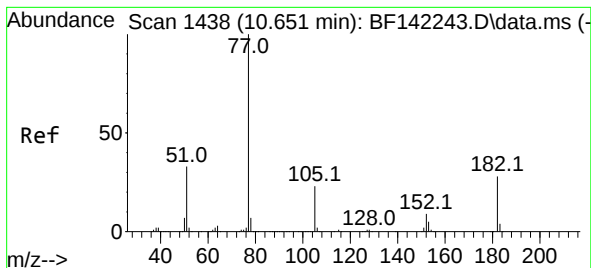
Tgt Ion:204 Resp: 601502
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 60.0 48.9 73.3



#62
4-Nitroaniline
Concen: 45.282 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:138 Resp: 288950
Ion Ratio Lower Upper
138 100
92 49.5 29.2 69.2
108 68.1 49.1 89.1





#63

Azobenzene

Concen: 41.902 ng

RT: 10.651 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

Tgt Ion: 77 Resp: 1233889

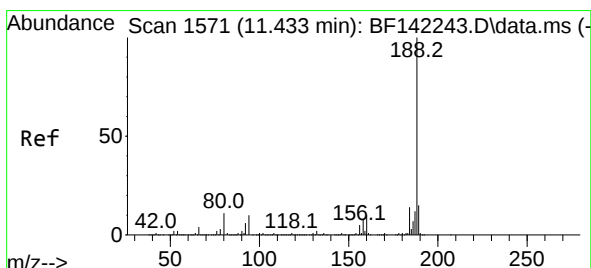
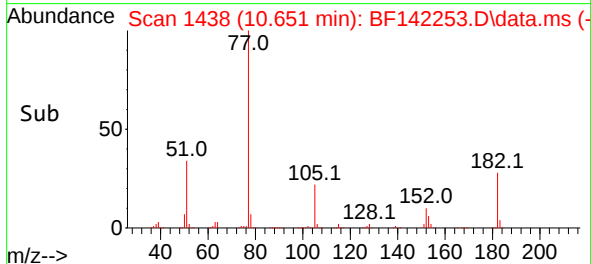
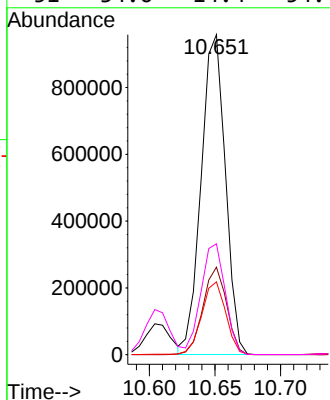
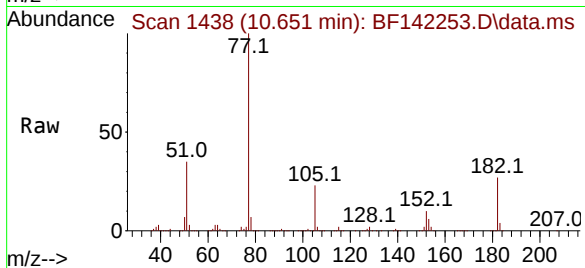
Ion Ratio Lower Upper

77 100

182 27.4 7.3 47.3

105 22.8 2.5 42.5

51 34.6 14.4 54.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

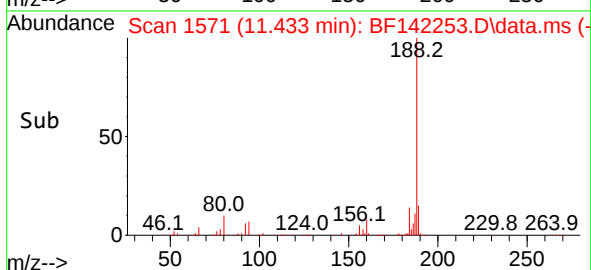
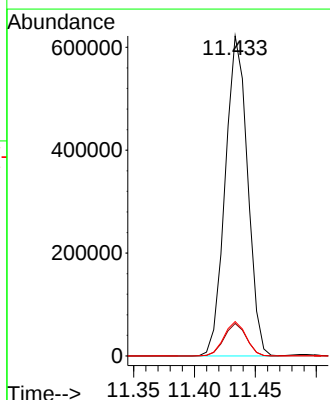
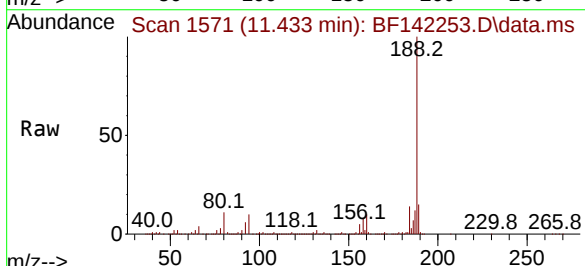
Tgt Ion:188 Resp: 796412

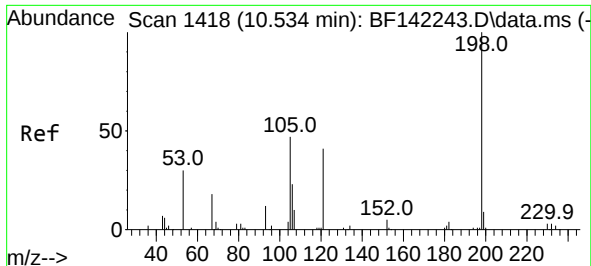
Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 10.8 8.6 12.8

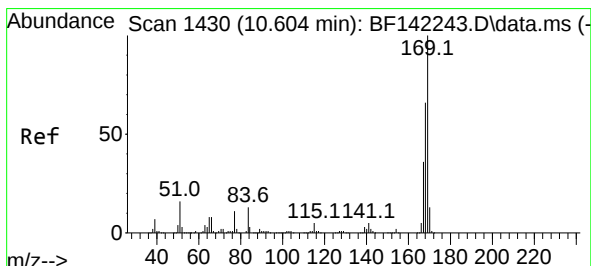
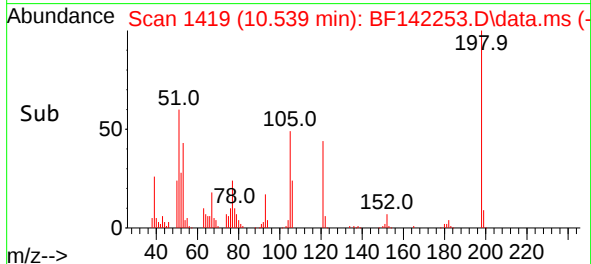
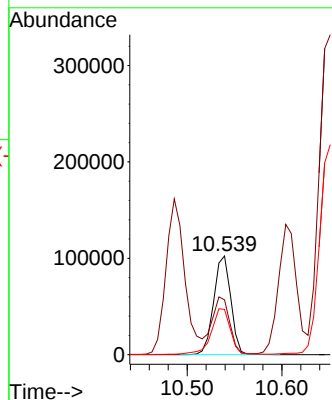
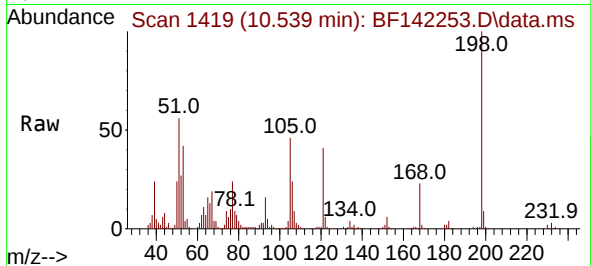




#65
4,6-Dinitro-2-methylphenol
Concen: 48.731 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.005 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

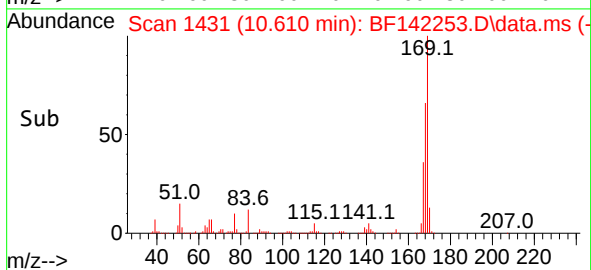
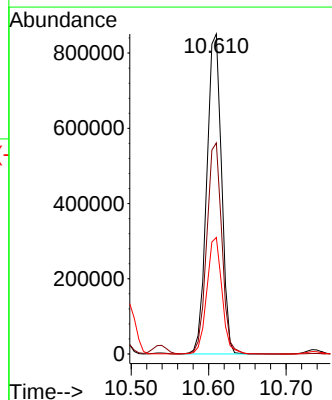
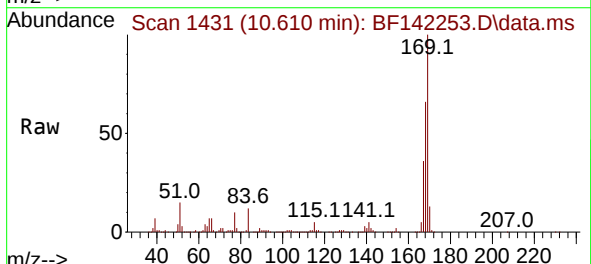
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

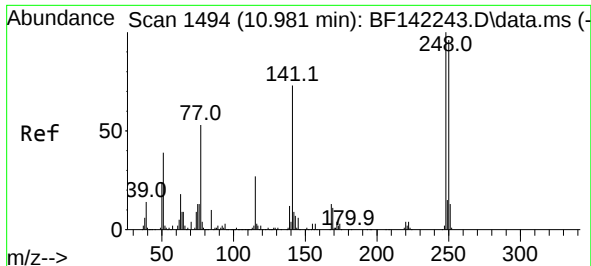
Tgt Ion:198 Resp: 128388
Ion Ratio Lower Upper
198 100
51 55.7 40.6 80.6
105 45.8 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 41.318 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

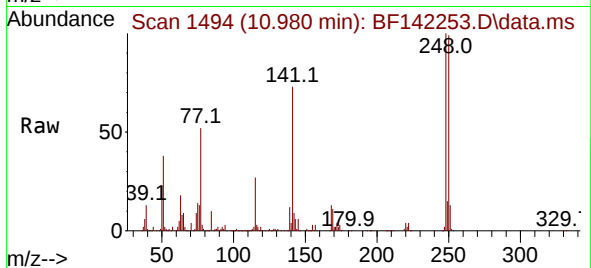
Tgt Ion:169 Resp: 1124320
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 36.4 28.8 43.2



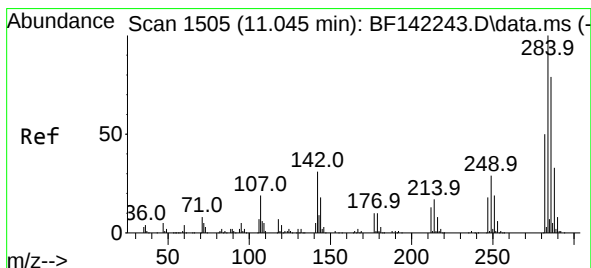
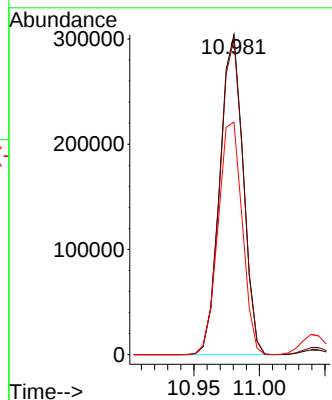
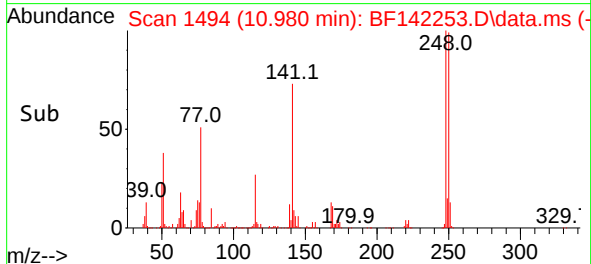


#67
4-Bromophenyl-phenylether
Concen: 42.436 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

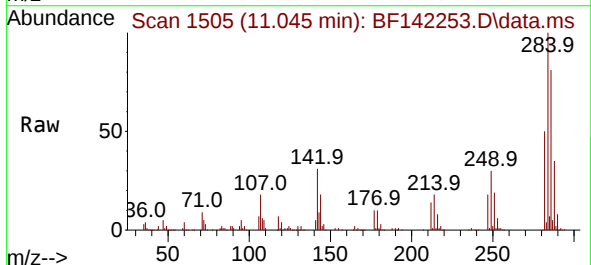
Instrument :
BNA_F
ClientSampleId :
PB167798BSD



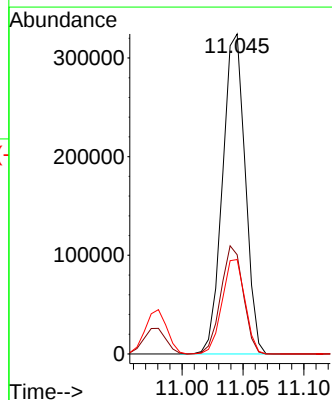
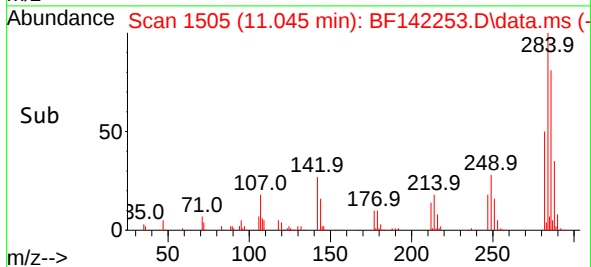
Tgt Ion:248 Resp: 376385
Ion Ratio Lower Upper
248 100
250 98.7 77.2 115.8
141 72.7 58.4 87.6

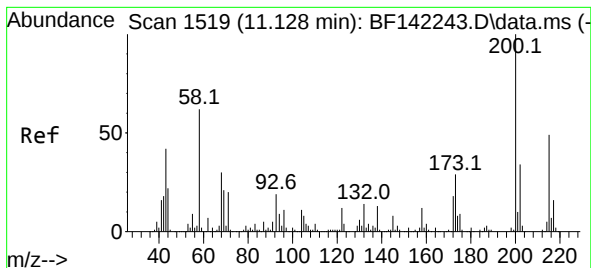


#68
Hexachlorobenzene
Concen: 42.212 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42



Tgt Ion:284 Resp: 419316
Ion Ratio Lower Upper
284 100
142 31.0 24.6 37.0
249 29.5 23.2 34.8





#69

Atrazine

Concen: 47.058 ng

RT: 11.133 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

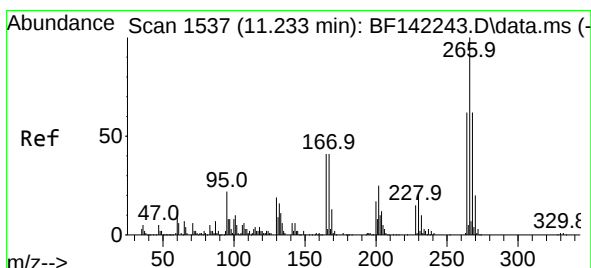
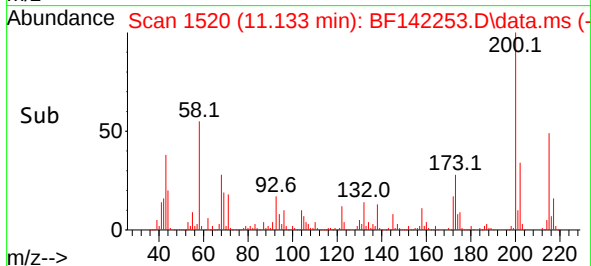
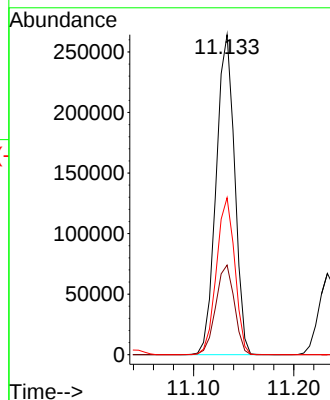
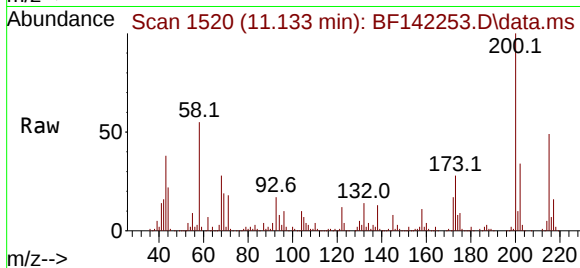
Tgt Ion:200 Resp: 337532

Ion Ratio Lower Upper

200 100

173 28.0 8.6 48.6

215 49.0 28.5 68.5



#70

Pentachlorophenol

Concen: 94.688 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

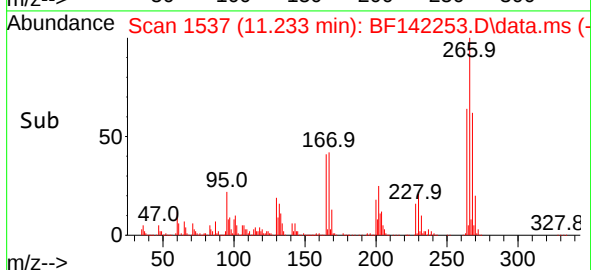
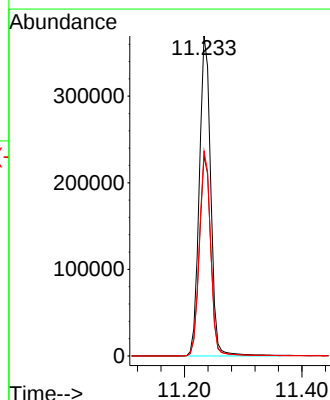
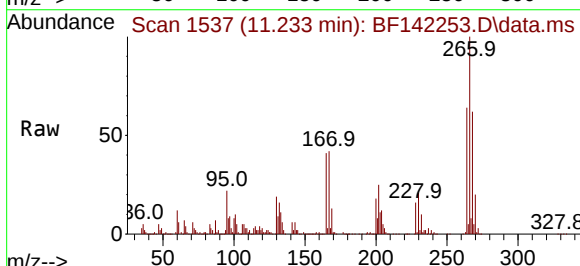
Tgt Ion:266 Resp: 496901

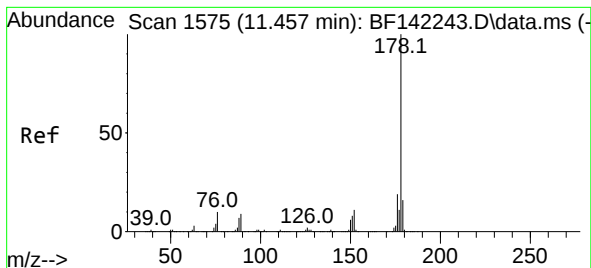
Ion Ratio Lower Upper

266 100

268 62.5 50.0 75.0

264 64.1 49.3 73.9





#71

Phenanthrene

Concen: 40.693 ng

RT: 11.463 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

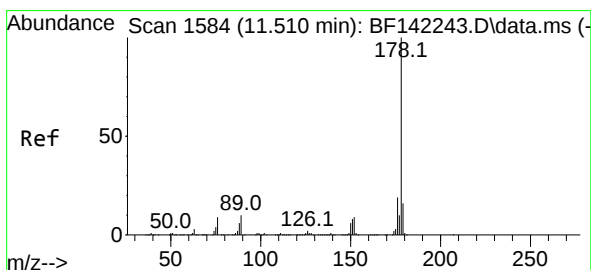
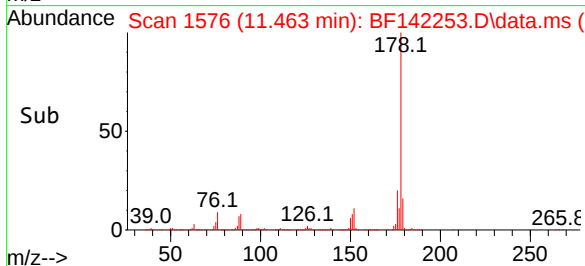
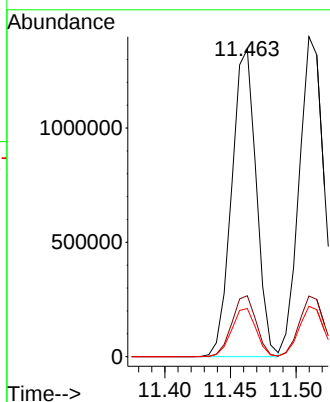
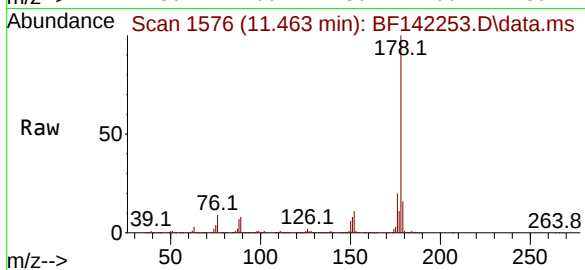
Tgt Ion:178 Resp: 1750559

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 15.7 12.6 19.0



#72

Anthracene

Concen: 41.306 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

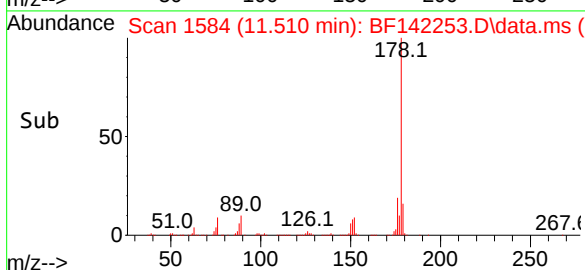
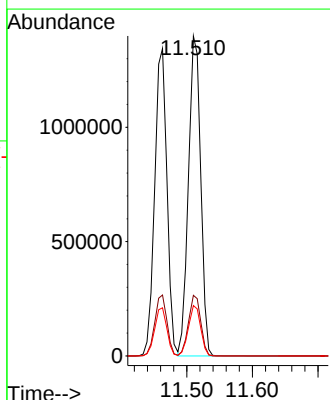
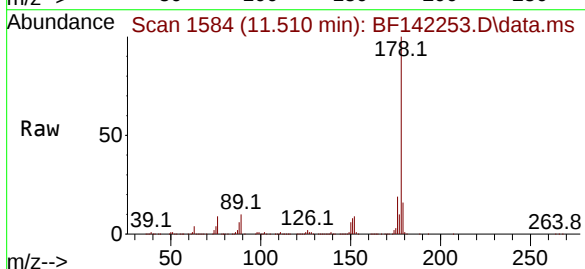
Tgt Ion:178 Resp: 1816790

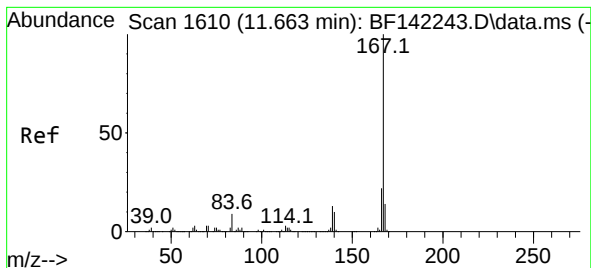
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.8 12.7 19.1





#73

Carbazole

Concen: 42.099 ng

RT: 11.663 min Scan# 1610

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

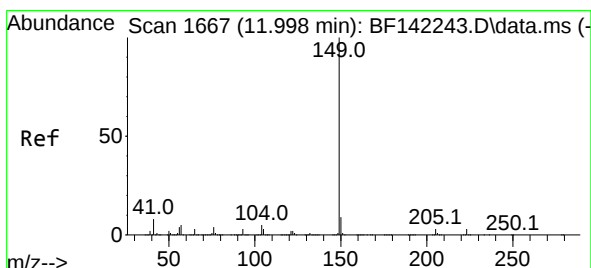
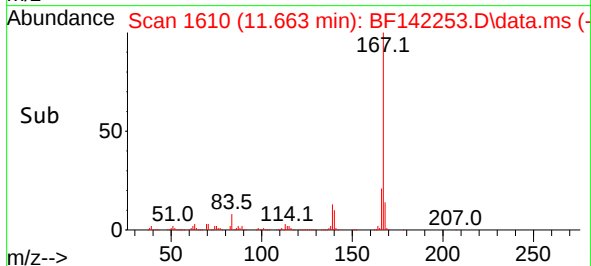
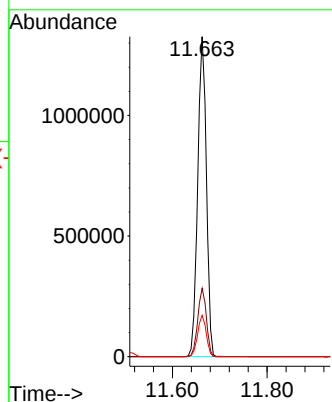
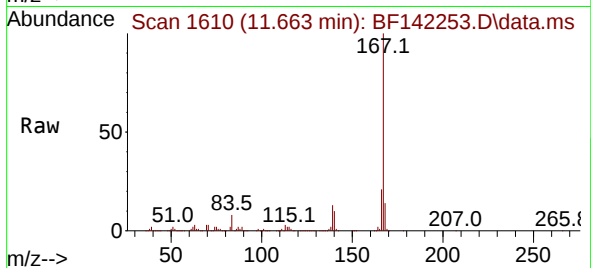
Tgt Ion:167 Resp: 1689119

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 45.248 ng

RT: 11.998 min Scan# 1667

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

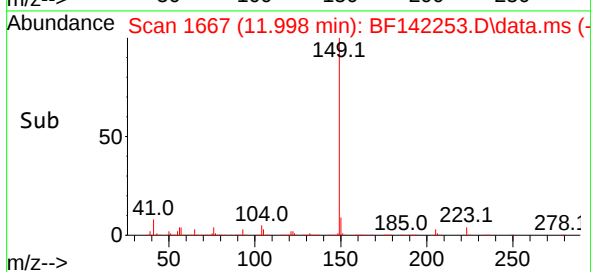
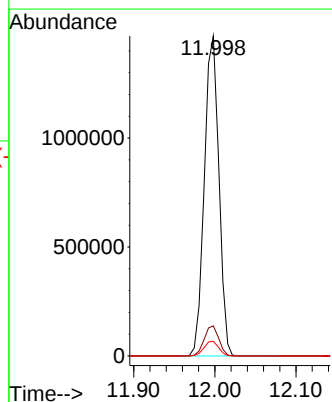
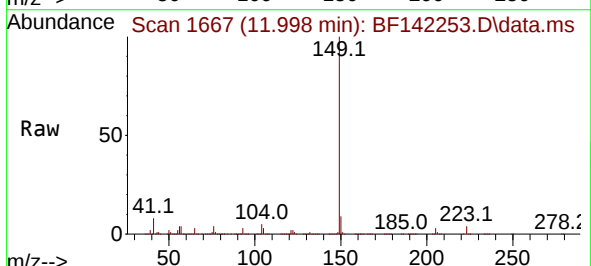
Tgt Ion:149 Resp: 1825873

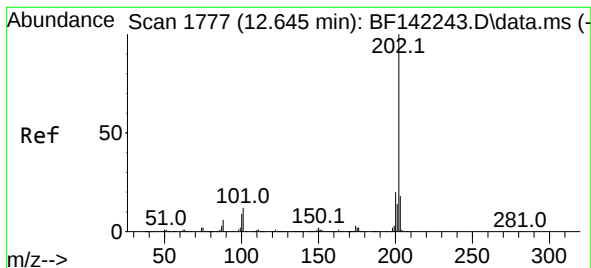
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 41.799 ng

RT: 12.645 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

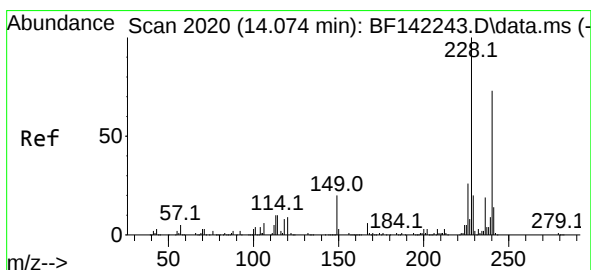
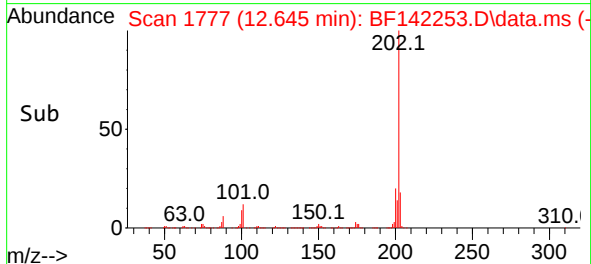
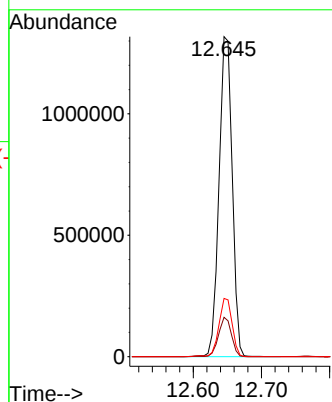
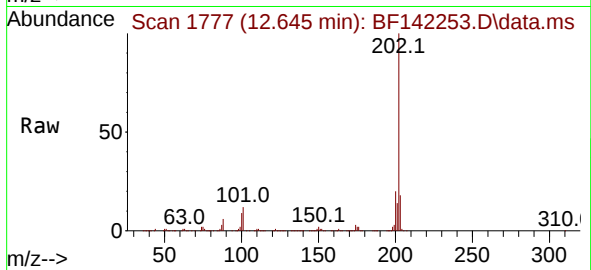
Tgt Ion:202 Resp: 1777492

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.4

203 18.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

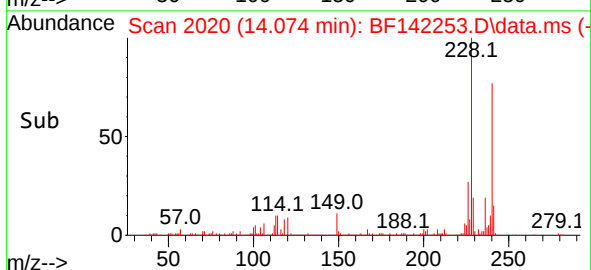
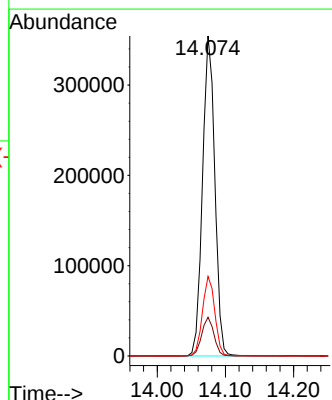
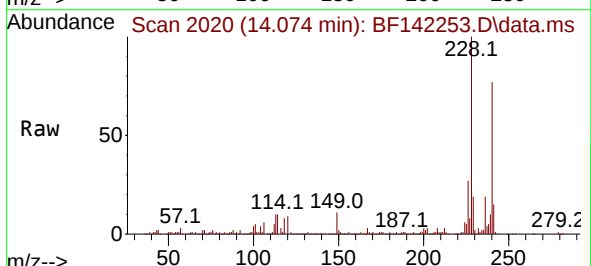
Tgt Ion:240 Resp: 445019

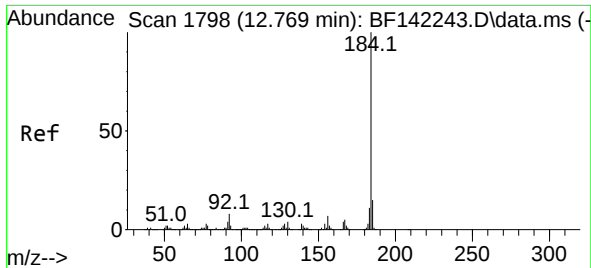
Ion Ratio Lower Upper

240 100

120 12.1 10.1 15.1

236 24.9 20.5 30.7

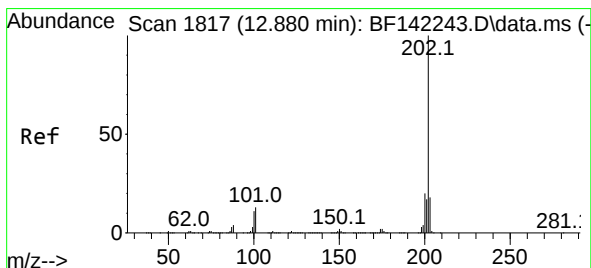
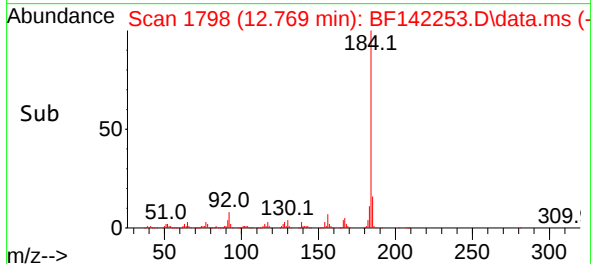
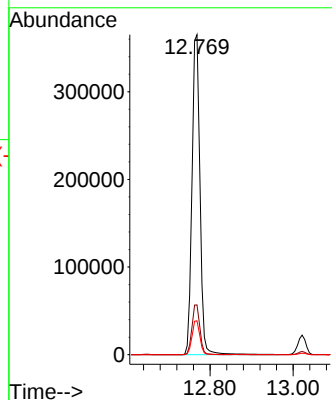
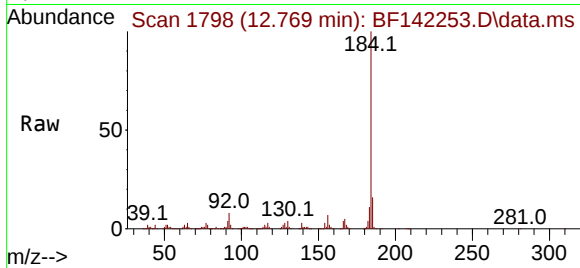




#77
Benzidine
Concen: 25.584 ng
RT: 12.769 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

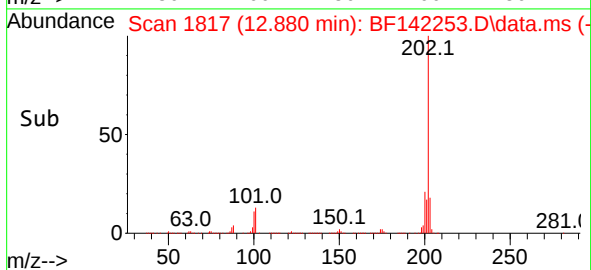
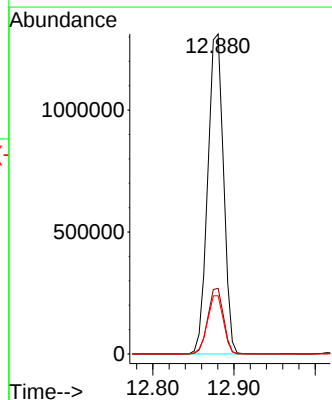
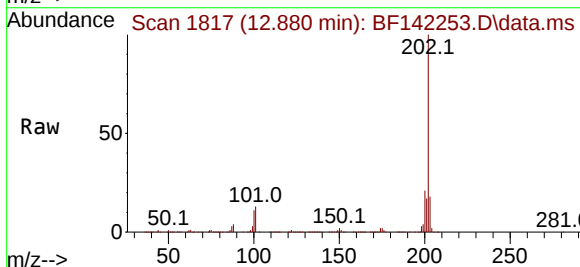
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

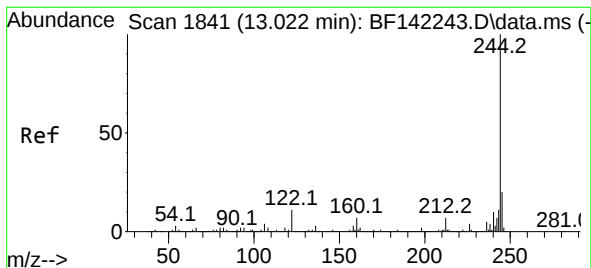
Tgt Ion:184 Resp: 483783
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 10.6 8.9 13.3



#78
Pyrene
Concen: 42.962 ng
RT: 12.880 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:202 Resp: 1763648
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 73.788 ng

RT: 13.022 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

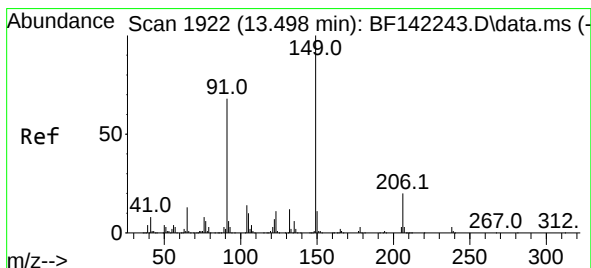
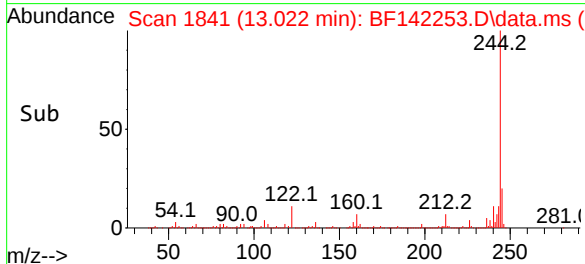
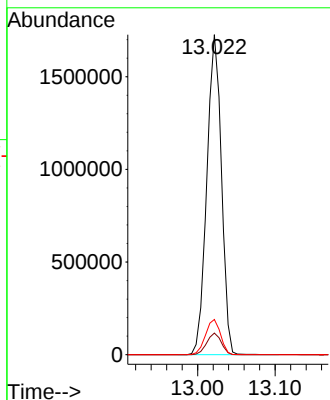
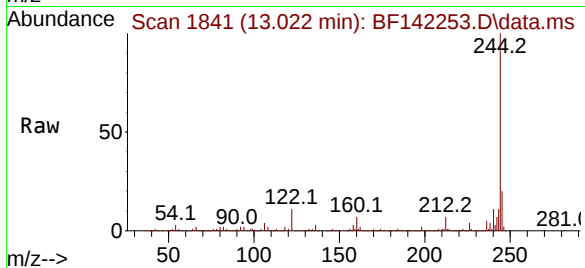
Tgt Ion:244 Resp: 2257765

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 11.0 9.1 13.7



#80

Butylbenzylphthalate

Concen: 45.709 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

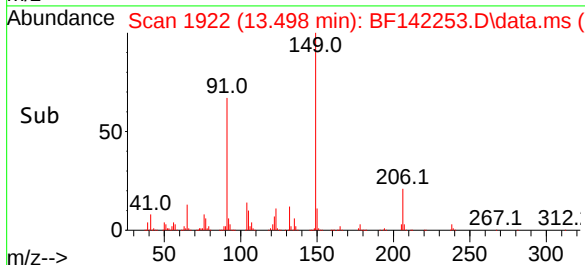
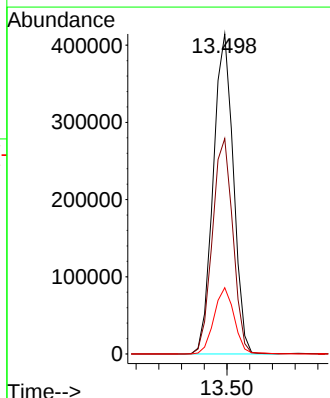
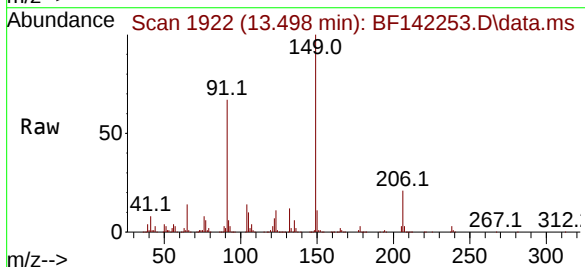
Tgt Ion:149 Resp: 510891

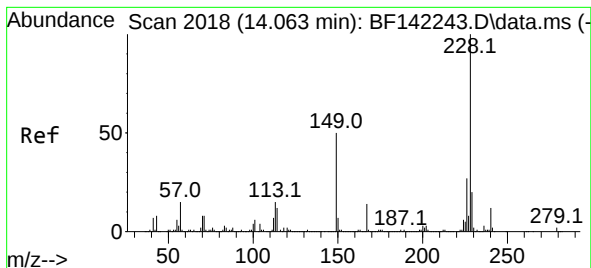
Ion Ratio Lower Upper

149 100

91 67.3 54.4 81.6

206 20.7 15.9 23.9





#81

Benzo(a)anthracene

Concen: 41.291 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

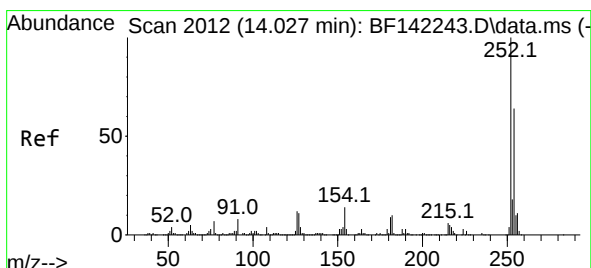
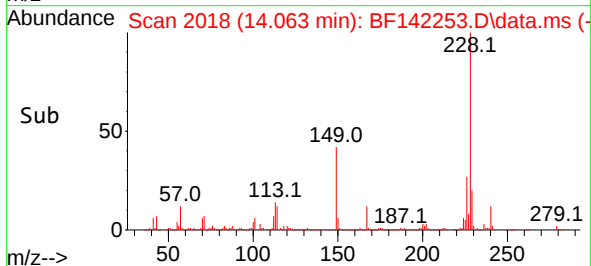
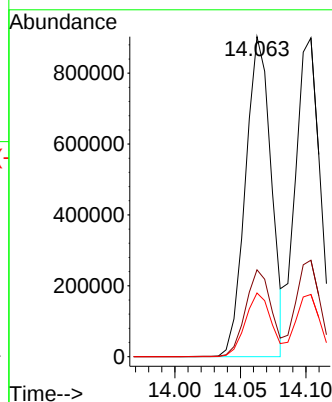
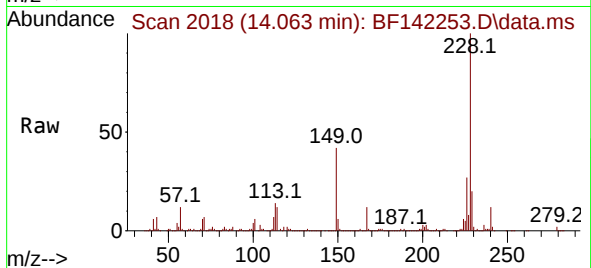
Tgt Ion:228 Resp: 1233563

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 14.182 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

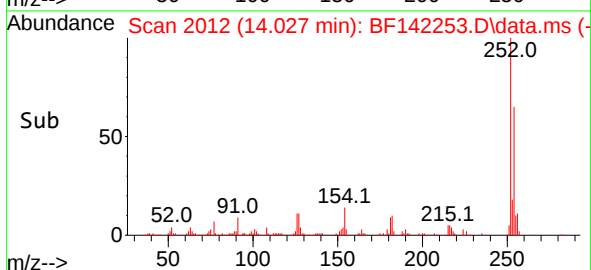
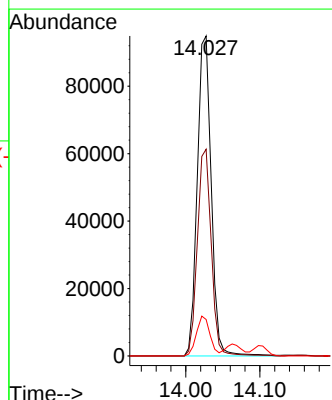
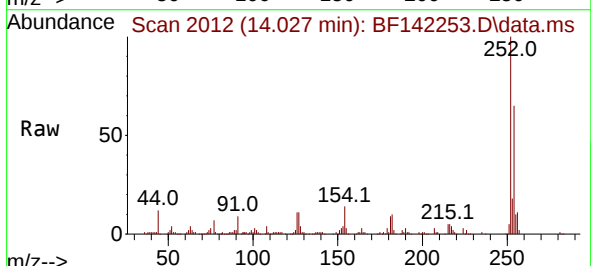
Tgt Ion:252 Resp: 124446

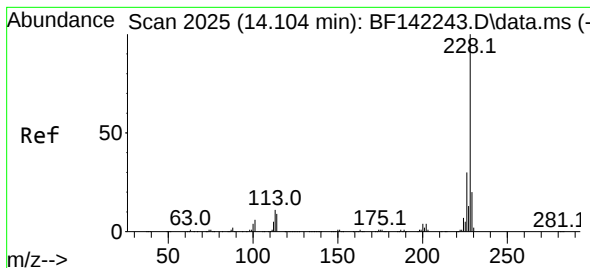
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.6

126 11.4 9.4 14.2





#83

Chrysene

Concen: 43.030 ng

RT: 14.104 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

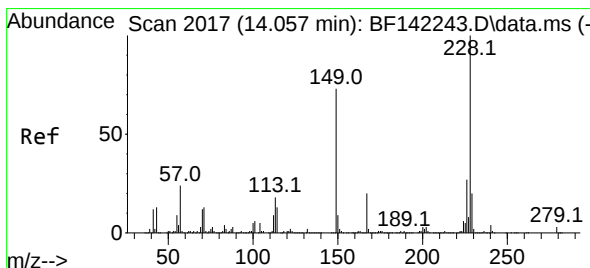
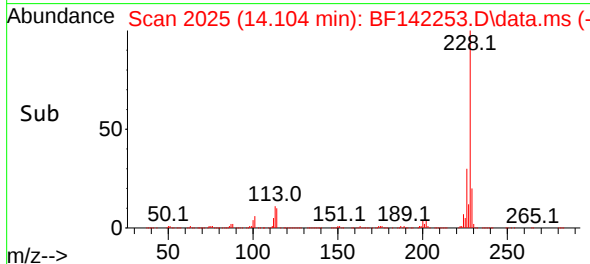
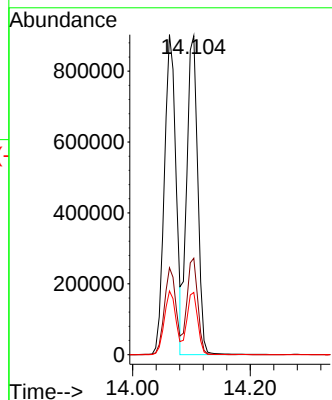
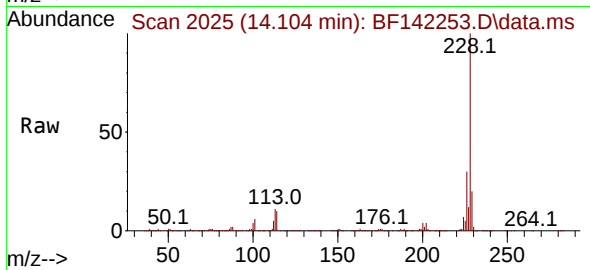
Tgt Ion:228 Resp: 1170165

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.625 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

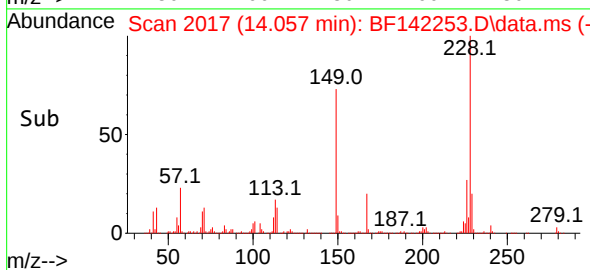
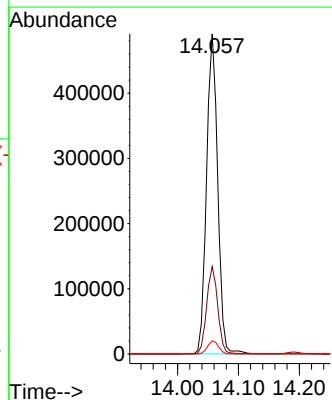
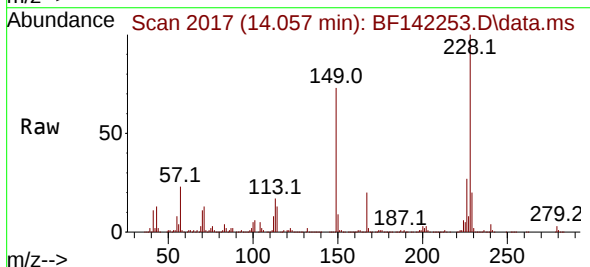
Tgt Ion:149 Resp: 622700

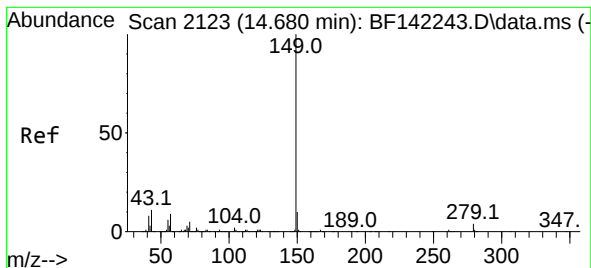
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 4.1 3.0 4.4

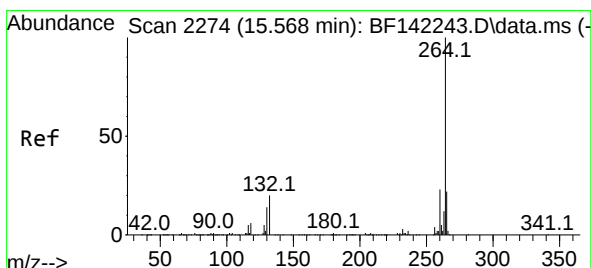
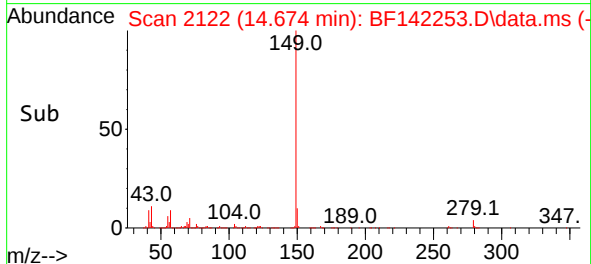
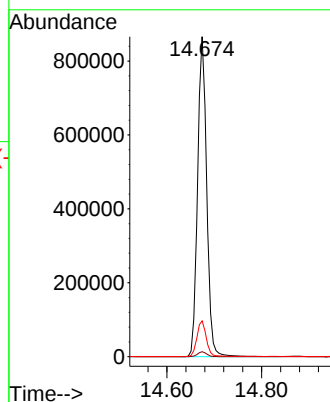
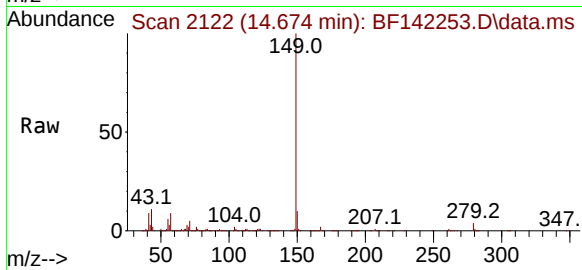




#85
Di-n-octyl phthalate
Concen: 41.525 ng
RT: 14.674 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

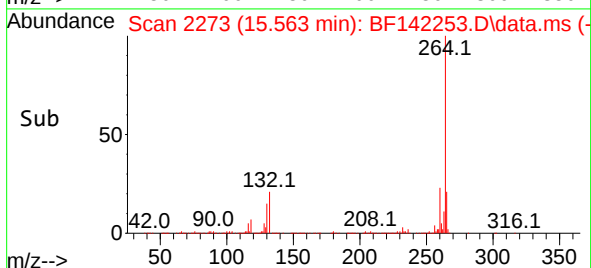
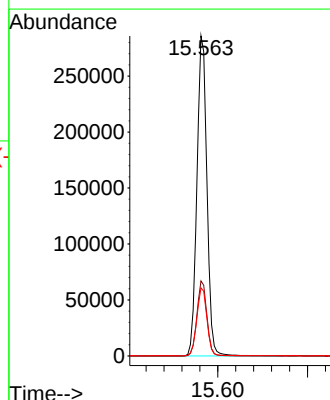
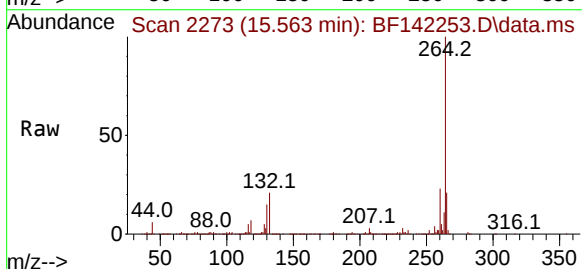
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

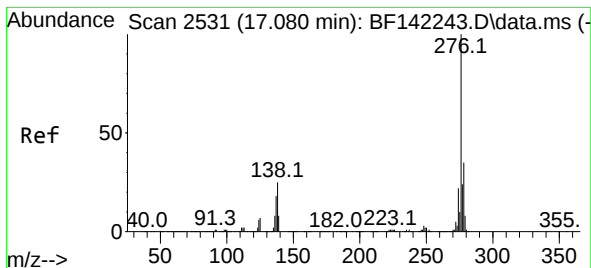
Tgt Ion:149 Resp: 1156711
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.4 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:264 Resp: 441873
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.786 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB167798BSD

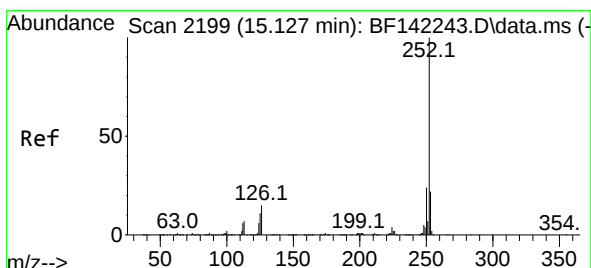
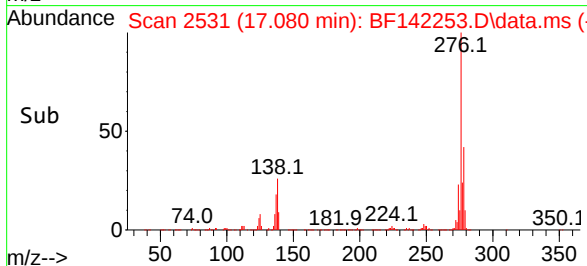
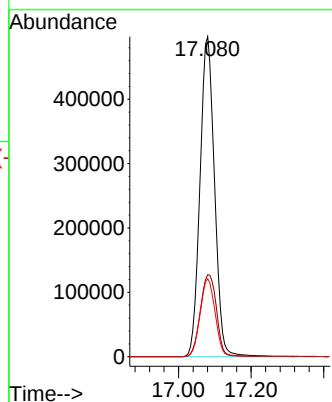
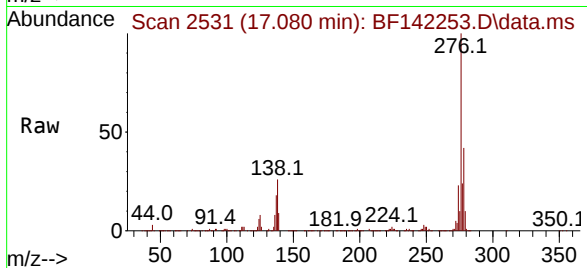
Tgt Ion:276 Resp: 1384791

Ion Ratio Lower Upper

276 100

138 28.4 22.6 33.8

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 39.254 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142253.D

Acq: 01 May 2025 11:42

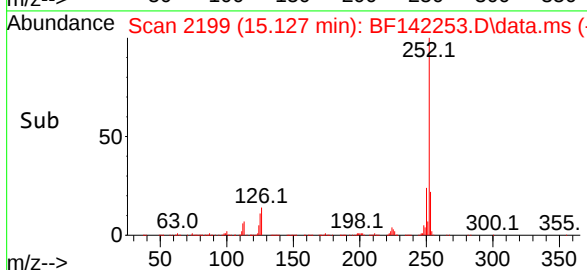
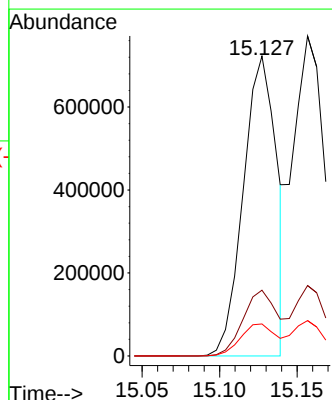
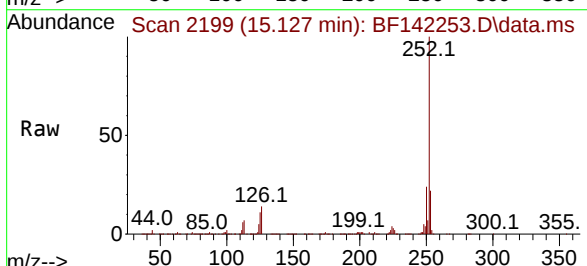
Tgt Ion:252 Resp: 1077406

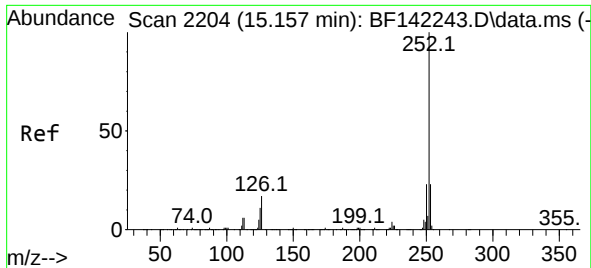
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.7 9.0 13.4

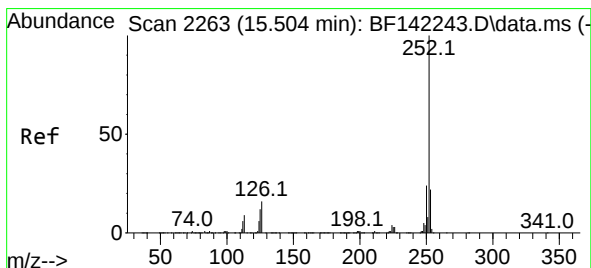
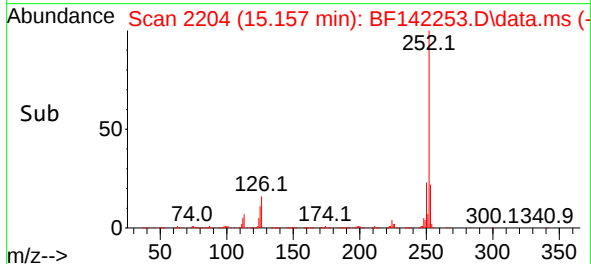
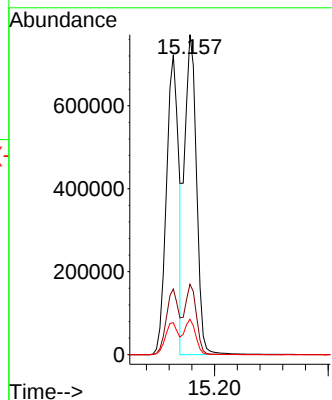
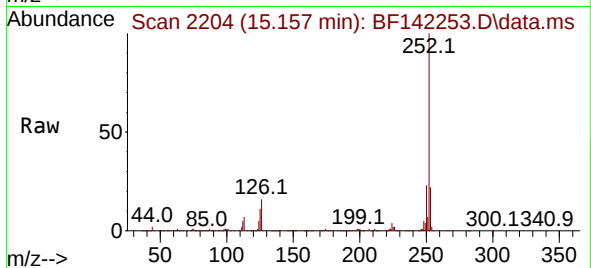




#89
Benzo(k)fluoranthene
Concen: 44.533 ng
RT: 15.157 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

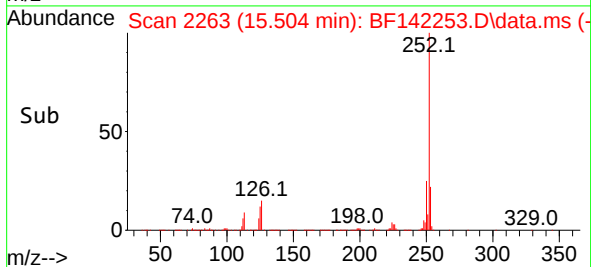
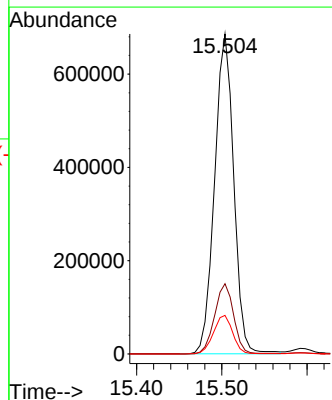
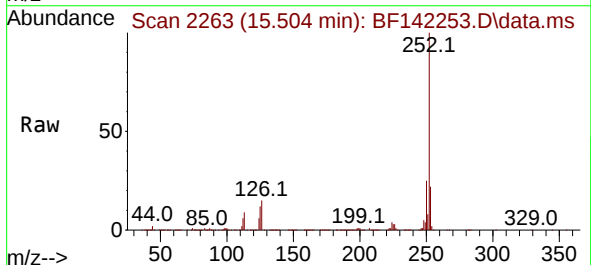
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

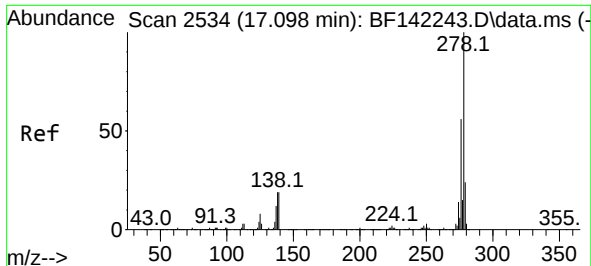
Tgt Ion:252 Resp: 1118010
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.0 9.0 13.6



#90
Benzo(a)pyrene
Concen: 42.614 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:252 Resp: 1070836
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.0 9.5 14.3

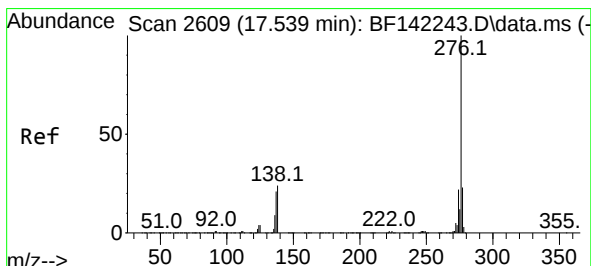
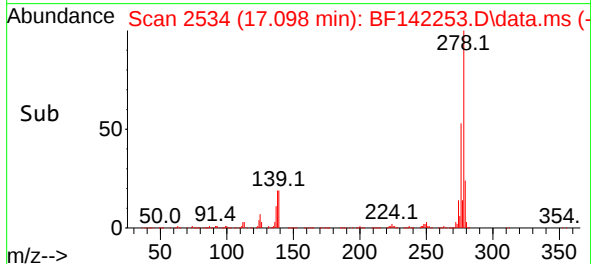
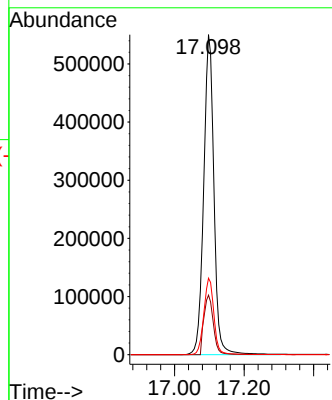
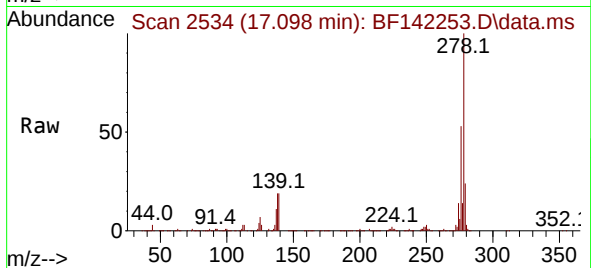




#91
 Dibenzo(a,h)anthracene
 Concen: 42.952 ng
 RT: 17.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF142253.D
 Acq: 01 May 2025 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB167798BSD

Tgt Ion:278 Resp: 1128281
 Ion Ratio Lower Upper
 278 100
 139 18.6 15.2 22.8
 279 23.9 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 43.077 ng
 RT: 17.533 min Scan# 2608
 Delta R.T. -0.006 min
 Lab File: BF142253.D
 Acq: 01 May 2025 11:42

Tgt Ion:276 Resp: 1137552
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.7 28.1
 138 24.9 19.4 29.0

