

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142252.D
 Acq On : 01 May 2025 11:13
 Operator : RC/JU
 Sample : PB167798BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167798BS

Quant Time: May 01 12:23:40 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	225762	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	889454	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	464234	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	800889	20.000	ng	0.00
76) Chrysene-d12	14.074	240	447227	20.000	ng	0.00
86) Perylene-d12	15.563	264	448663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1573800	111.332	ng	0.02
7) Phenol-d6	6.528	99	1923984	112.709	ng	0.00
23) Nitrobenzene-d5	7.469	82	1064921	78.658	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	553053	130.679	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2279117	69.221	ng	0.00
79) Terphenyl-d14	13.022	244	2260338	73.507	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	214857	34.032	ng	99
3) Pyridine	3.546	79	612102	37.305	ng	99
4) n-Nitrosodimethylamine	3.499	42	354189	41.713	ng	99
6) Aniline	6.569	93	595232	24.635	ng	99
8) 2-Chlorophenol	6.693	128	621899	42.575	ng	100
9) Benzaldehyde	6.457	77	303059	25.401	ng	99
10) Phenol	6.546	94	787973	42.877	ng	100
11) bis(2-Chloroethyl)ether	6.646	93	582688	40.916	ng	100
12) 1,3-Dichlorobenzene	6.851	146	670657	40.585	ng	100
13) 1,4-Dichlorobenzene	6.928	146	672151	40.372	ng	99
14) 1,2-Dichlorobenzene	7.081	146	647246	40.722	ng	100
15) Benzyl Alcohol	7.045	79	513138	42.384	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1068891	41.566	ng	99
17) 2-Methylphenol	7.151	107	501113	41.877	ng	98
18) Hexachloroethane	7.422	117	228628	41.957	ng	96
19) n-Nitroso-di-n-propyla...	7.322	70	430394	40.801	ng	99
20) 3+4-Methylphenols	7.304	107	621160	41.509	ng	94
22) Acetophenone	7.316	105	826074	40.145	ng	100
24) Nitrobenzene	7.493	77	591218	44.506	ng	100
25) Isophorone	7.728	82	1178770	41.486	ng	100
26) 2-Nitrophenol	7.804	139	225734	41.847	ng	99
27) 2,4-Dimethylphenol	7.840	122	602922	42.086	ng	99
28) bis(2-Chloroethoxy)met...	7.940	93	734626	40.995	ng	99
29) 2,4-Dichlorophenol	8.040	162	512350	42.777	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	547350	40.953	ng	100
31) Naphthalene	8.216	128	1792007	40.399	ng	100
32) Benzoic acid	7.945	122	253234	39.592	ng	97
33) 4-Chloroaniline	8.251	127	121514	6.579	ng	99
34) Hexachlorobutadiene	8.328	225	323243	41.453	ng	99
35) Caprolactam	8.622	113	83629	23.230	ng	99
36) 4-Chloro-3-methylphenol	8.734	107	532722	43.315	ng	98
37) 2-Methylnaphthalene	8.904	142	1105725	40.544	ng	99
38) 1-Methylnaphthalene	9.004	142	1159466	41.039	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	523019	40.032	ng	99
41) Hexachlorocyclopentadiene	9.057	237	659241	88.906	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	354948	43.843	ng	99

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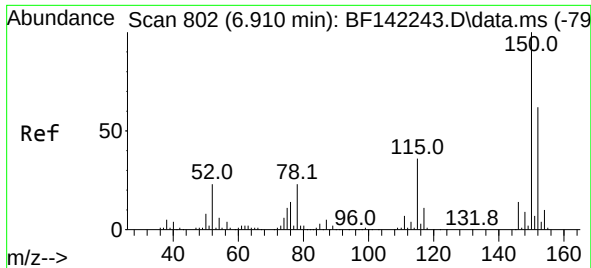
Quant Time: May 01 12:23:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	386474	45.404	ng	98
46) 1,1'-Biphenyl	9.369	154	1475397	40.881	ng	100
47) 2-Chloronaphthalene	9.392	162	1092692	40.695	ng	99
48) 2-Nitroaniline	9.487	65	301543	43.124	ng	99
49) Acenaphthylene	9.810	152	1868315	41.234	ng	100
50) Dimethylphthalate	9.669	163	1278203	43.038	ng	100
51) 2,6-Dinitrotoluene	9.728	165	247512	43.832	ng	98
52) Acenaphthene	9.981	154	1161277	43.895	ng	100
53) 3-Nitroaniline	9.892	138	120832	19.467	ng	97
54) 2,4-Dinitrophenol	9.998	184	173600	84.535	ng	# 23
55) Dibenzofuran	10.157	168	1619144	40.827	ng	100
56) 4-Nitrophenol	10.045	139	471700	101.045	ng	98
57) 2,4-Dinitrotoluene	10.134	165	334335	48.433	ng	99
58) Fluorene	10.498	166	1240639	41.143	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	316821	44.934	ng	99
60) Diethylphthalate	10.369	149	1280368	43.657	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	583485	40.745	ng	99
62) 4-Nitroaniline	10.510	138	278877	44.489	ng	99
63) Azobenzene	10.651	77	1225283	42.308	ng	100
65) 4,6-Dinitro-2-methylph...	10.539	198	114521	44.424	ng	95
66) n-Nitrosodiphenylamine	10.610	169	1120137	40.934	ng	100
67) 4-Bromophenyl-phenylether	10.981	248	374442	41.981	ng	99
68) Hexachlorobenzene	11.045	284	416999	41.744	ng	99
69) Atrazine	11.133	200	327822	45.449	ng	98
70) Pentachlorophenol	11.233	266	491588	93.152	ng	98
71) Phenanthrene	11.463	178	1729683	39.983	ng	99
72) Anthracene	11.510	178	1809920	40.920	ng	100
73) Carbazole	11.663	167	1673738	41.482	ng	100
74) Di-n-butylphthalate	11.998	149	1832830	45.166	ng	100
75) Fluoranthene	12.645	202	1790811	41.876	ng	99
77) Benzidine	12.769	184	427420	22.492	ng	98
78) Pyrene	12.875	202	1769704	42.897	ng	99
80) Butylbenzylphthalate	13.498	149	508489	45.305	ng	98
81) Benzo(a)anthracene	14.063	228	1236291	41.178	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	102802	11.657	ng	99
83) Chrysene	14.104	228	1191462	43.597	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	629446	40.842	ng	100
85) Di-n-octyl phthalate	14.674	149	1146731	41.045	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1385292	42.153	ng	100
88) Benzo(b)fluoranthene	15.127	252	1230162	44.141	ng	99
89) Benzo(k)fluoranthene	15.157	252	1011794	39.692	ng	99
90) Benzo(a)pyrene	15.504	252	1085464	42.542	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	1127475	42.272	ng	100
92) Benzo(g,h,i)perylene	17.539	276	1126050	41.996	ng	99

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

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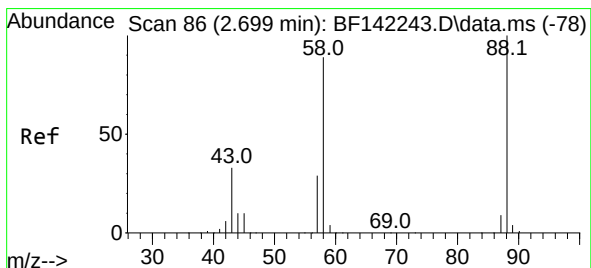
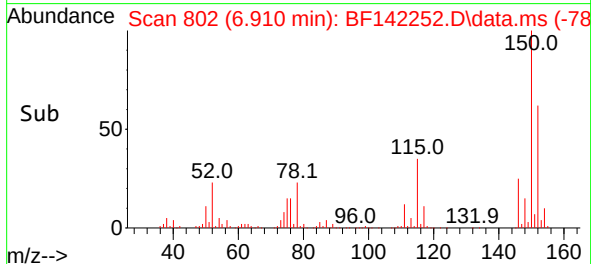
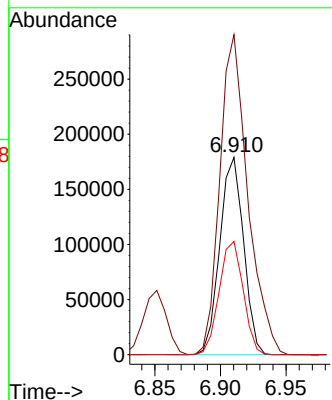
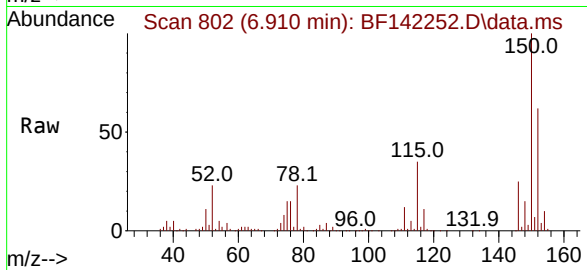




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

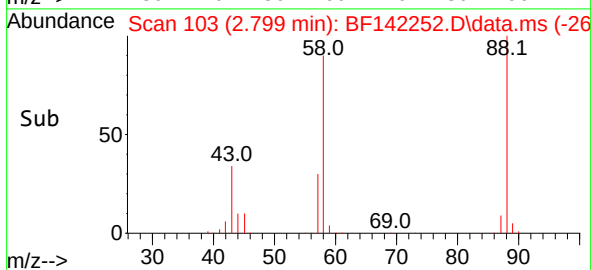
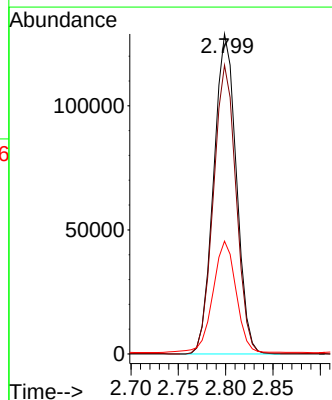
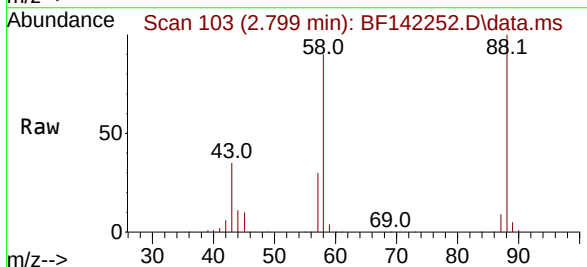
Instrument :
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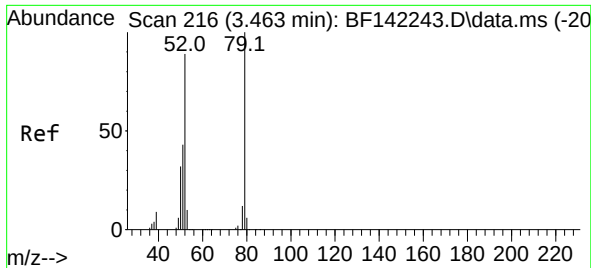
Tgt Ion:152 Resp: 225762
 Ion Ratio Lower Upper
 152 100
 150 162.2 130.2 195.2
 115 57.4 47.0 70.4



#2
 1,4-Dioxane
 Concen: 34.032 ng
 RT: 2.799 min Scan# 103
 Delta R.T. 0.100 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

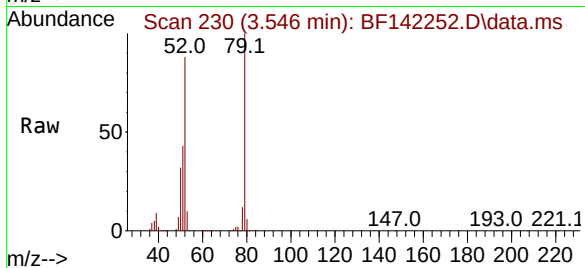
Tgt Ion: 88 Resp: 214857
 Ion Ratio Lower Upper
 88 100
 58 90.3 72.2 108.2
 43 35.8 27.0 40.6



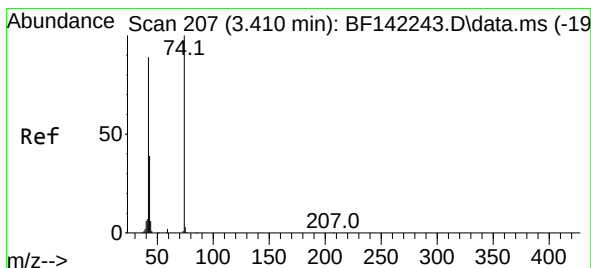
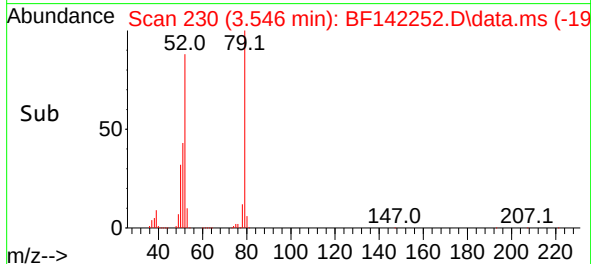
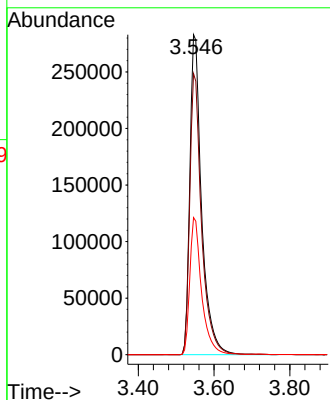


#3
Pyridine
Concen: 37.305 ng
RT: 3.546 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :
BNA_F
ClientSampleId :
PB167798BS

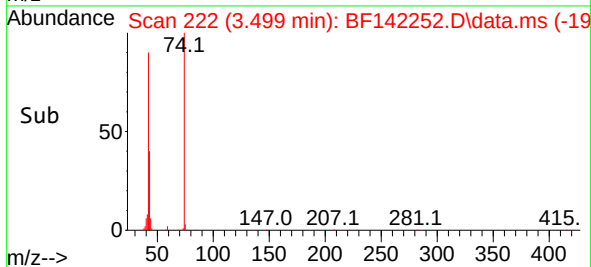
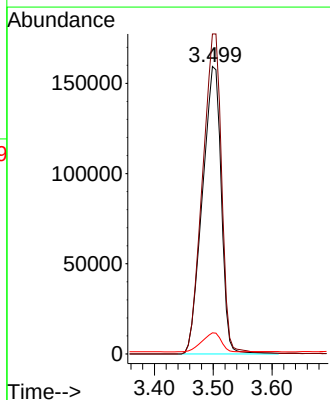
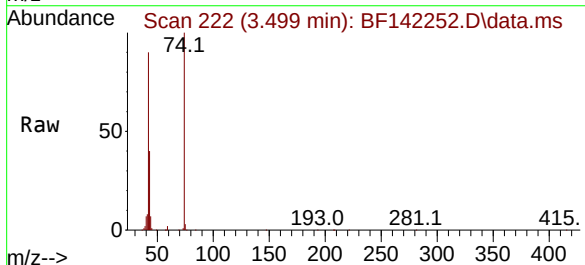


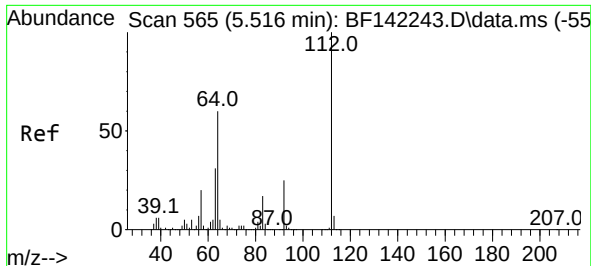
Tgt Ion: 79 Resp: 612102
Ion Ratio Lower Upper
79 100
52 87.8 71.5 107.3
51 42.9 34.5 51.7



#4
n-Nitrosodimethylamine
Concen: 41.713 ng
RT: 3.499 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 42 Resp: 354189
Ion Ratio Lower Upper
42 100
74 111.3 89.5 134.3
44 7.4 6.6 9.8

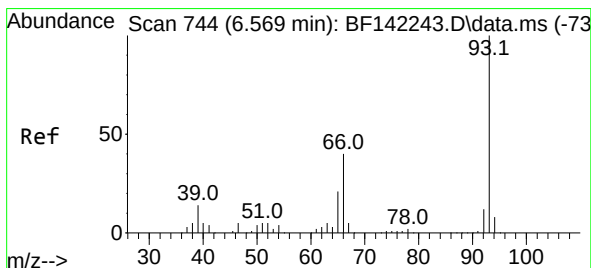
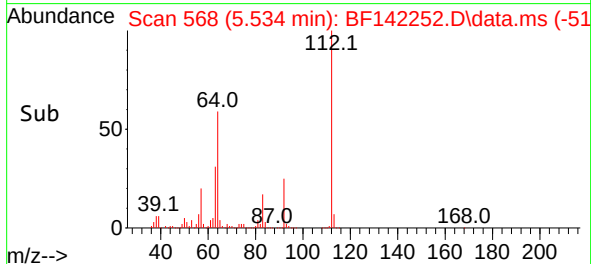
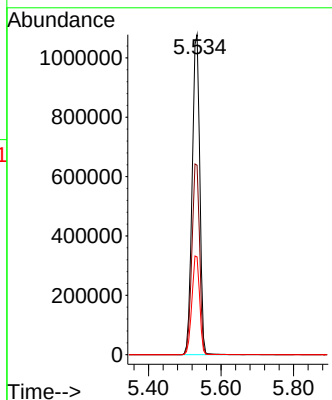
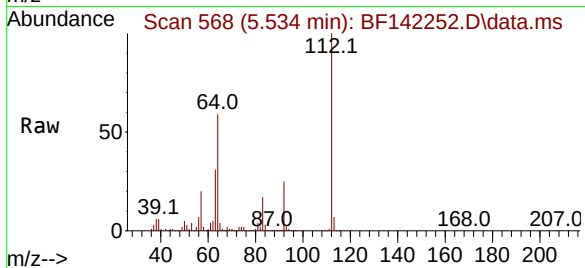




#5
2-Fluorophenol
Concen: 111.332 ng
RT: 5.534 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

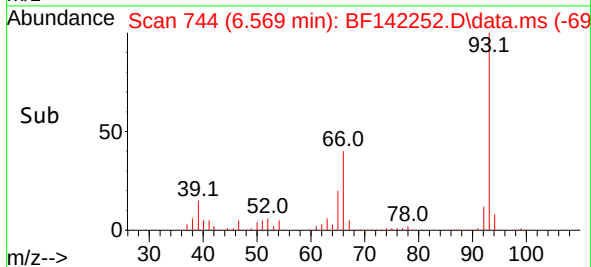
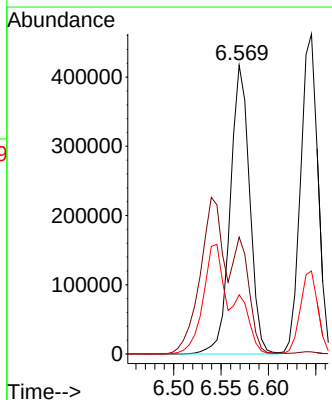
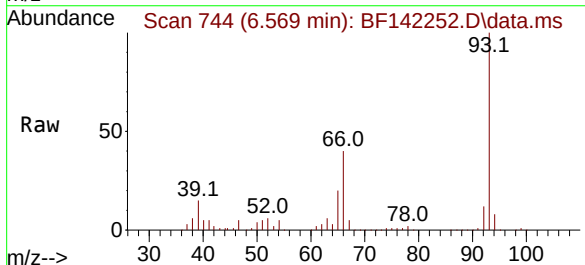
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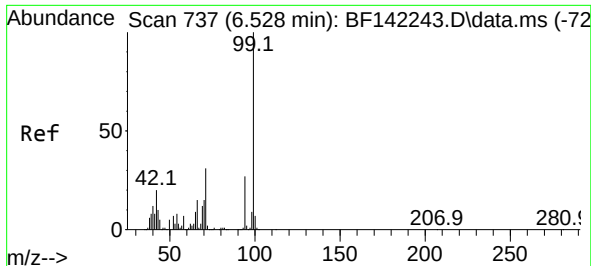
Tgt Ion:112 Resp: 1573800
Ion Ratio Lower Upper
112 100
64 59.2 48.4 72.6
63 30.5 24.8 37.2



#6
Aniline
Concen: 24.635 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 93 Resp: 595232
Ion Ratio Lower Upper
93 100
66 40.4 32.1 48.1
65 20.5 16.6 24.8

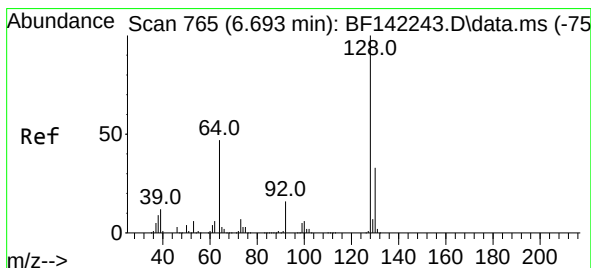
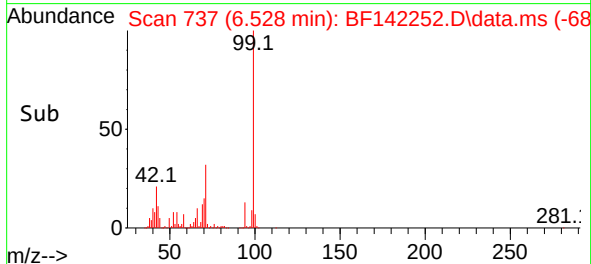
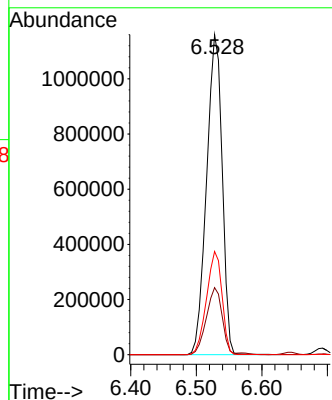
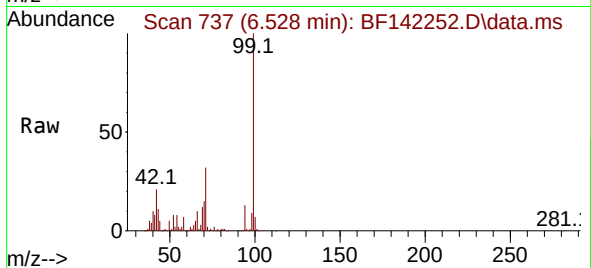




#7
Phenol-d6
Concen: 112.709 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

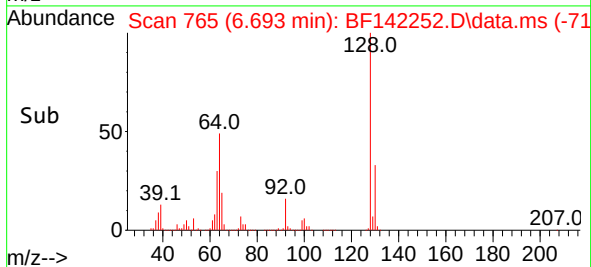
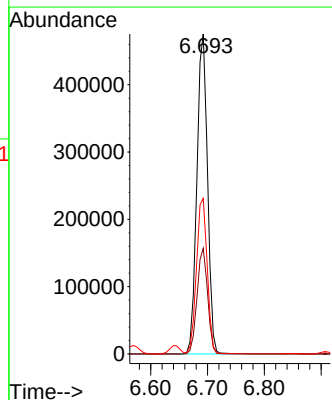
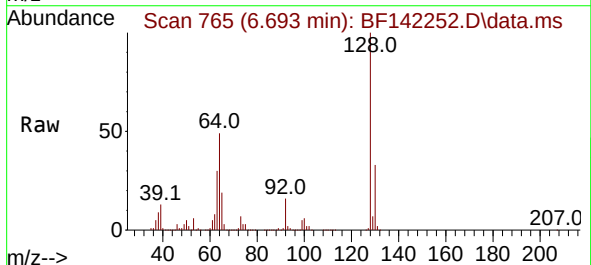
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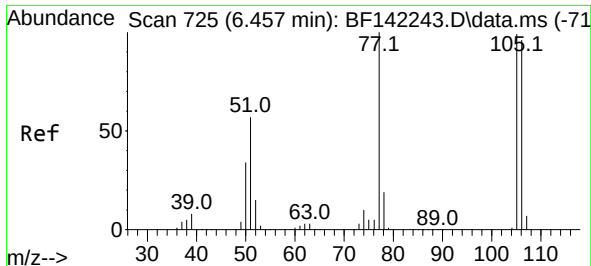
Tgt Ion: 99 Resp: 1923984
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.3 25.0 37.4



#8
2-Chlorophenol
Concen: 42.575 ng
RT: 6.693 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:128 Resp: 621899
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 48.6 28.6 68.6





#9

Benzaldehyde

Concen: 25.401 ng

RT: 6.457 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

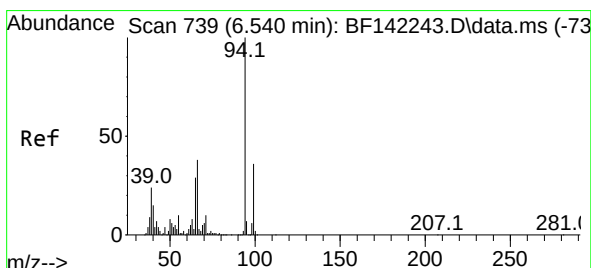
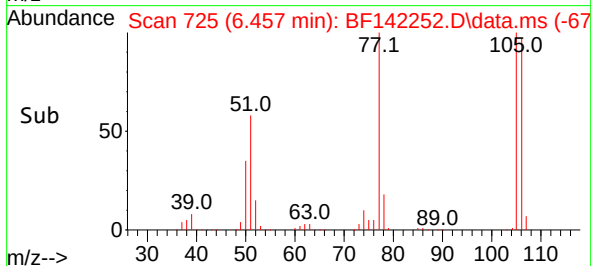
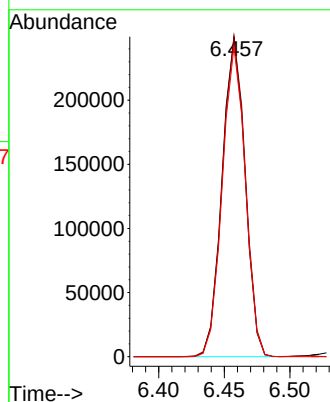
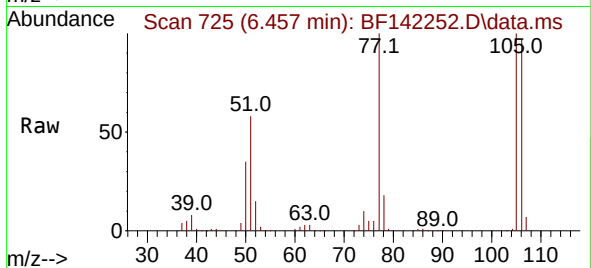
Tgt Ion: 77 Resp: 303059

Ion Ratio Lower Upper

77 100

105 100.1 79.1 119.1

106 96.9 76.0 116.0



#10

Phenol

Concen: 42.877 ng

RT: 6.546 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF142252.D

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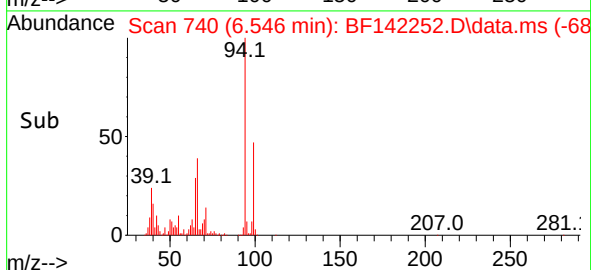
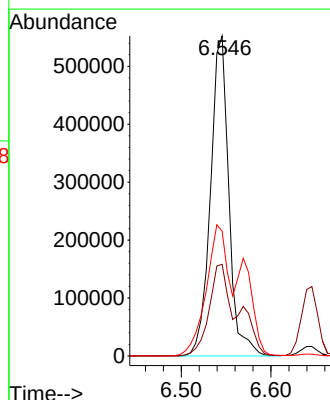
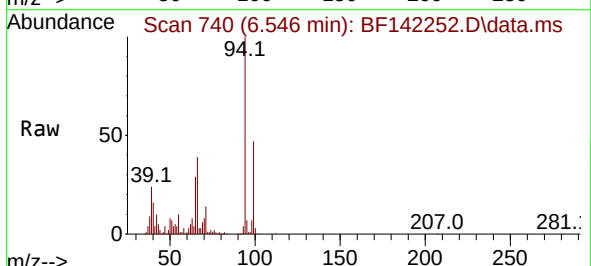
Tgt Ion: 94 Resp: 787973

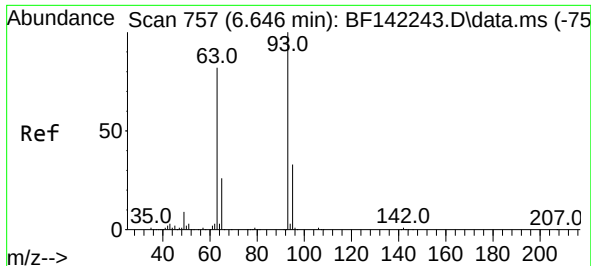
Ion Ratio Lower Upper

94 100

65 28.7 8.9 48.9

66 39.0 18.7 58.7



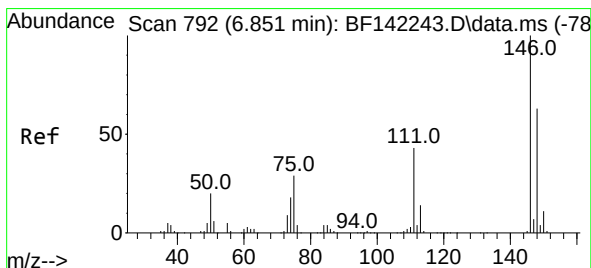
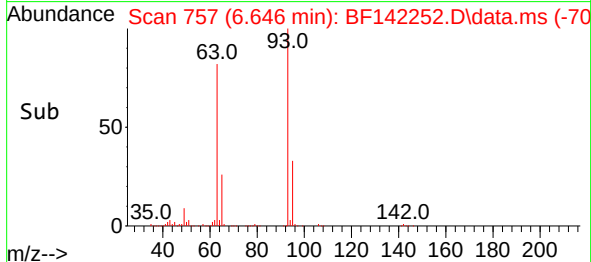
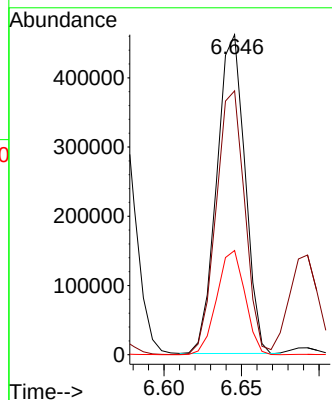
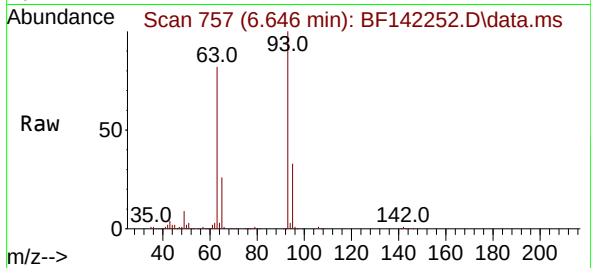


#11
bis(2-Chloroethyl)ether
Concen: 40.916 ng
RT: 6.646 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Tgt Ion: 93 Resp: 582688

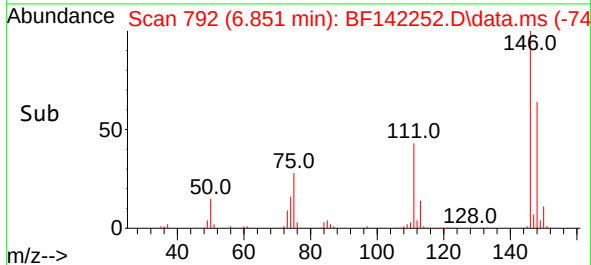
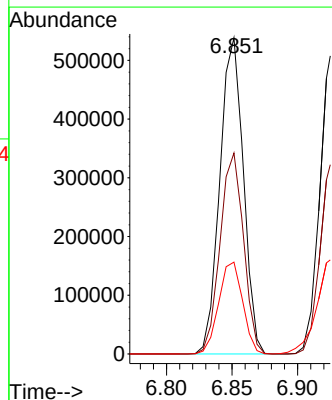
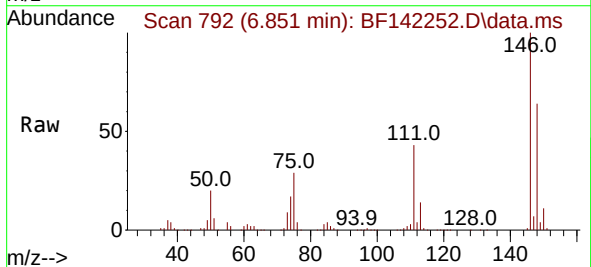
Ion	Ratio	Lower	Upper
93	100		
63	82.4	62.2	102.2
95	32.6	12.7	52.7

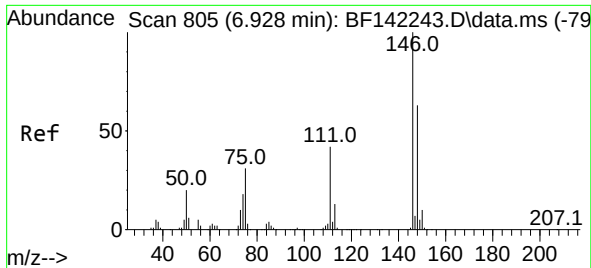


#12
1,3-Dichlorobenzene
Concen: 40.585 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 146 Resp: 670657

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
75	29.1	23.2	34.8

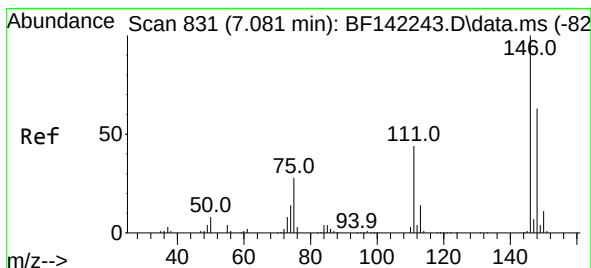
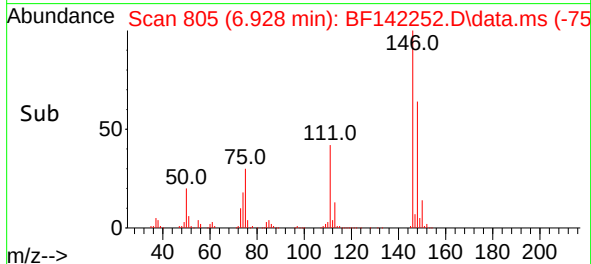
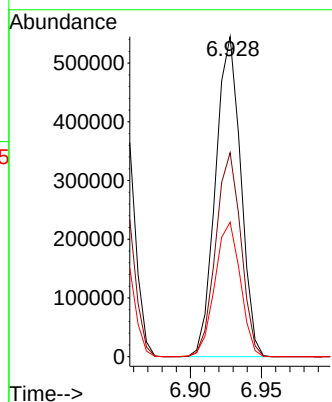
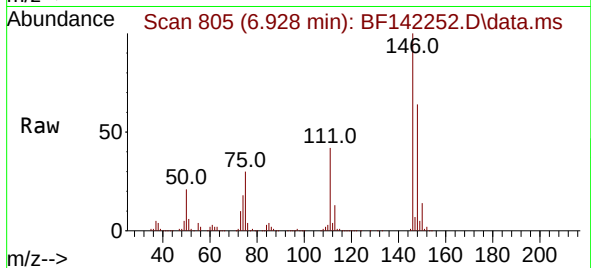




#13
1,4-Dichlorobenzene
Concen: 40.372 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

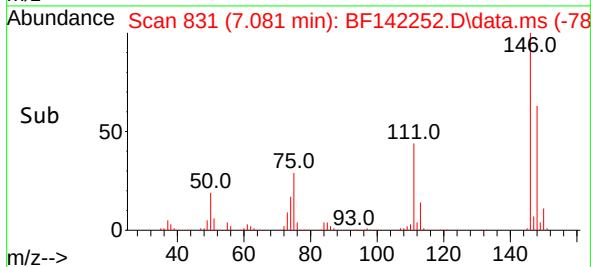
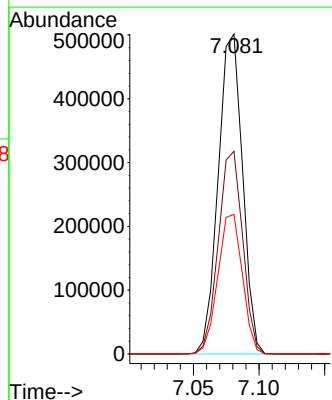
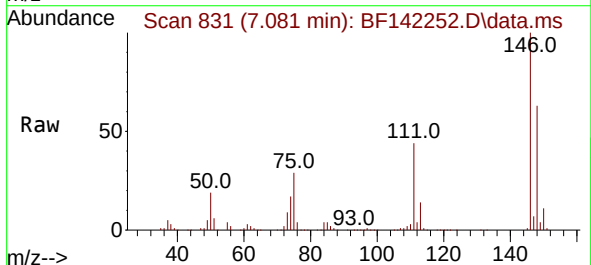
Instrument :
BNA_F
ClientSampleId :
PB167798BS

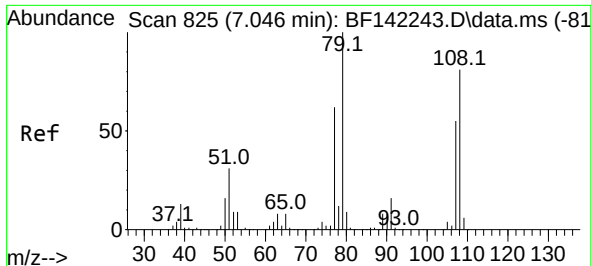
Tgt Ion:146 Resp: 672151
Ion Ratio Lower Upper
146 100
148 63.8 50.6 76.0
111 42.0 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 40.722 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:146 Resp: 647246
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 43.6 34.9 52.3

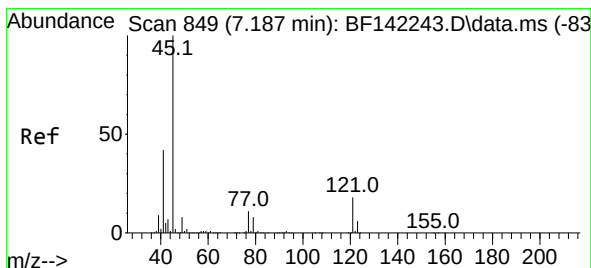
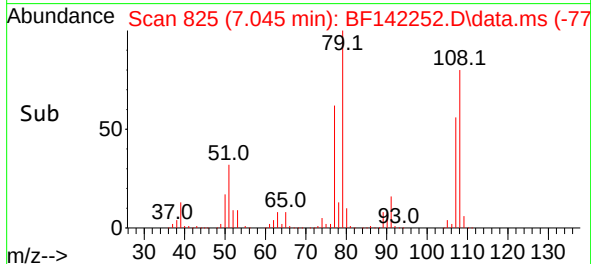
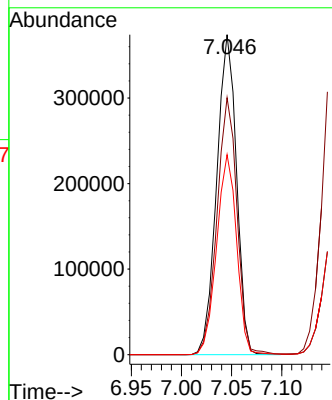
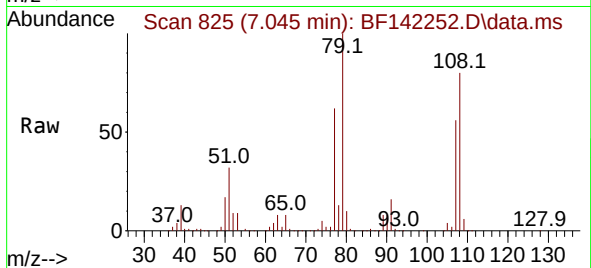




#15
Benzyl Alcohol
Concen: 42.384 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

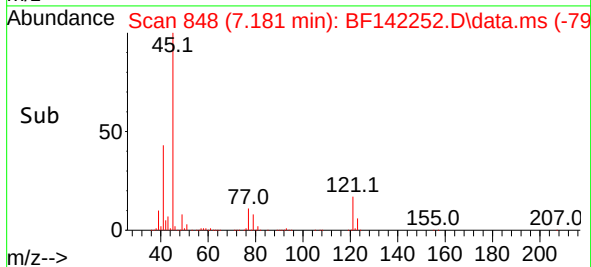
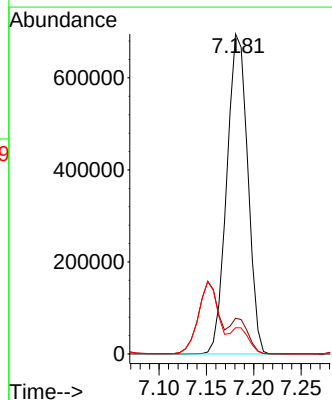
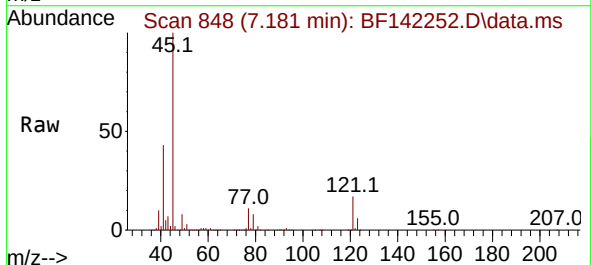
Instrument :
BNA_F
ClientSampleId :
PB167798BS

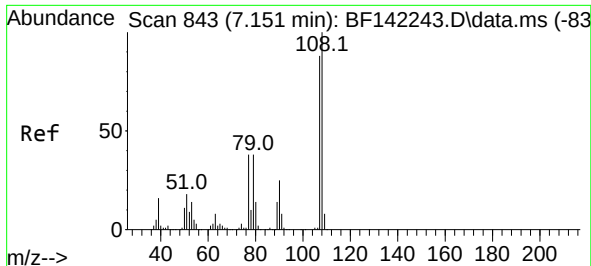
Tgt Ion: 79 Resp: 513138
Ion Ratio Lower Upper
79 100
108 80.3 64.5 96.7
77 62.5 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.566 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

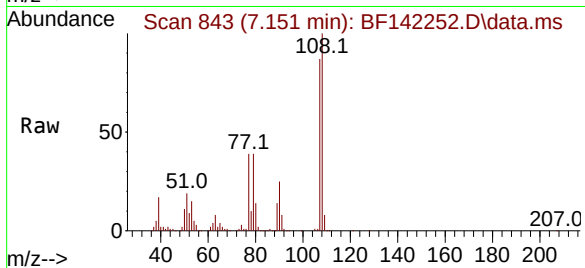
Tgt Ion: 45 Resp: 1068891
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.3
79 8.2 0.0 28.5



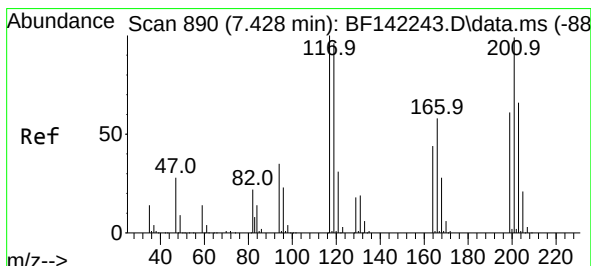
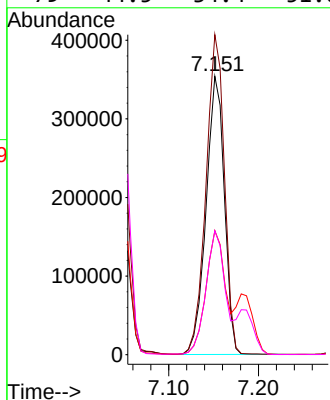
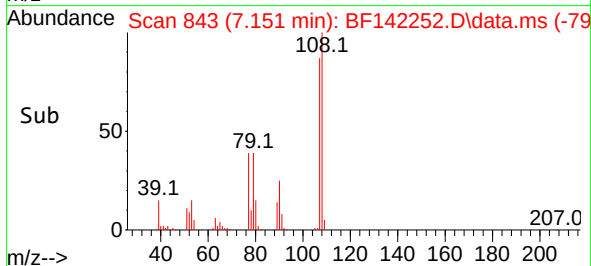


#17
2-Methylphenol
Concen: 41.877 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :
BNA_F
ClientSampleId :
PB167798BS

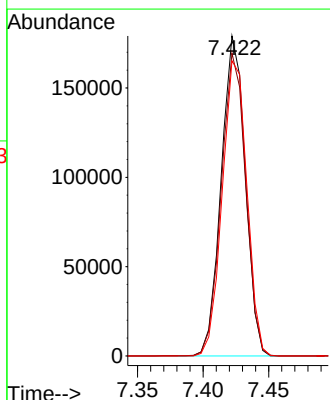
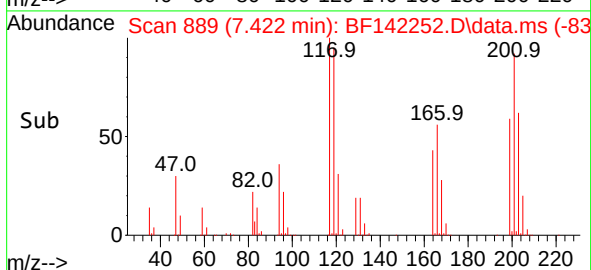
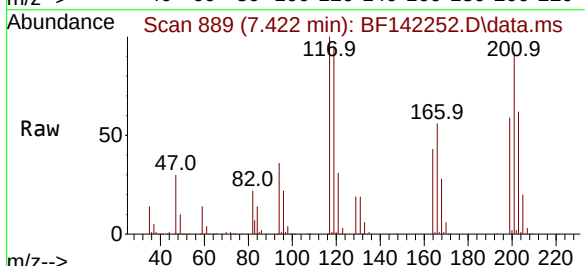


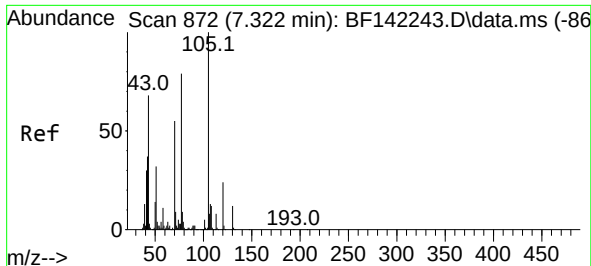
Tgt Ion:	107	Resp:	501113
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.0	136.4
77	44.6	34.4	51.6
79	44.5	34.4	51.6



#18
Hexachloroethane
Concen: 41.957 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:	117	Resp:	228628
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.1	115.7
201	92.2	79.4	119.2



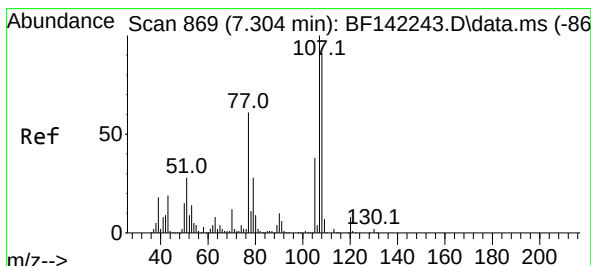
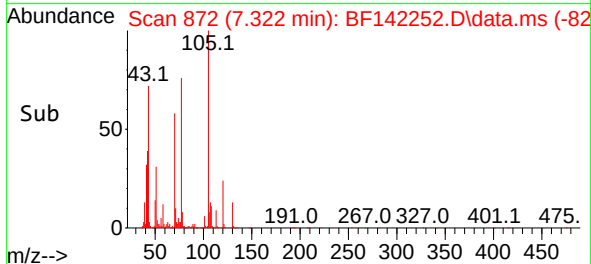
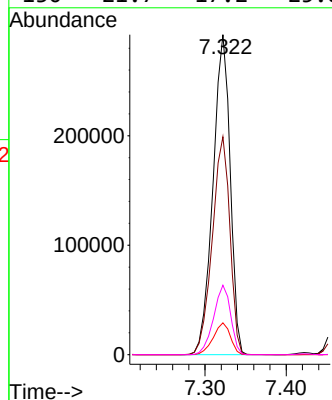
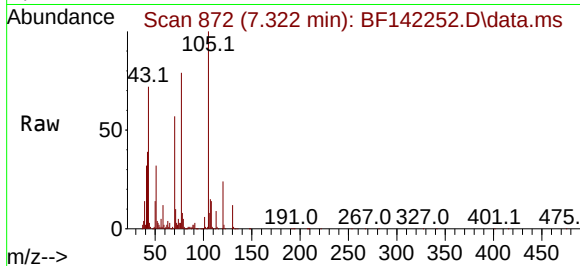


#19
n-Nitroso-di-n-propylamine
Concen: 40.801 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Tgt Ion: 70 Resp: 430394

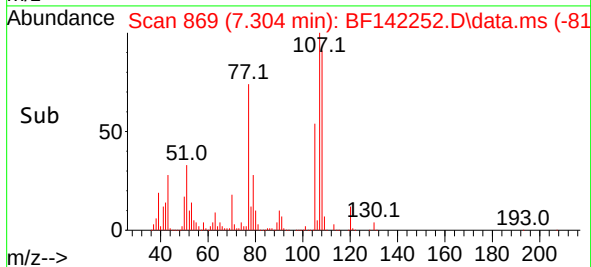
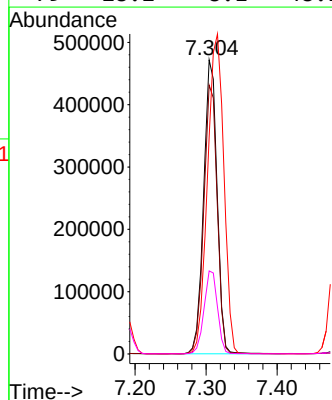
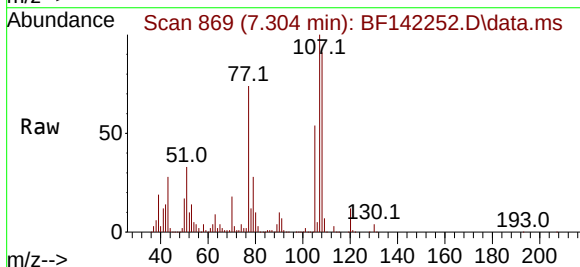
Ion	Ratio	Lower	Upper
70	100		
42	68.1	53.4	80.2
101	10.0	7.7	11.5
130	21.7	17.2	25.8

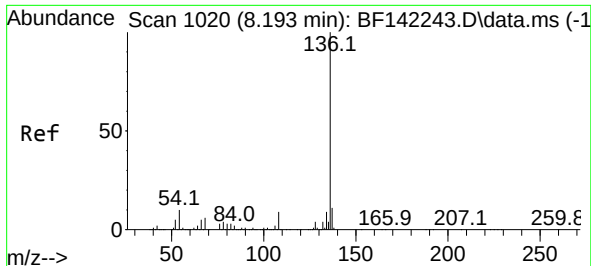


#20
3+4-Methylphenols
Concen: 41.509 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 107 Resp: 621160

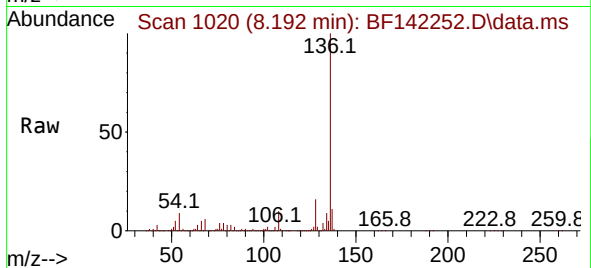
Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.2	111.2
77	73.8	41.1	81.1
79	28.2	8.1	48.1



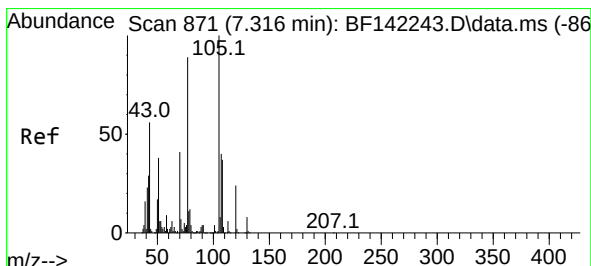
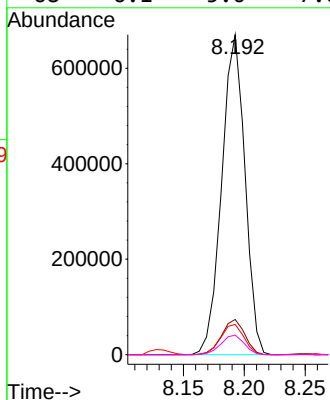
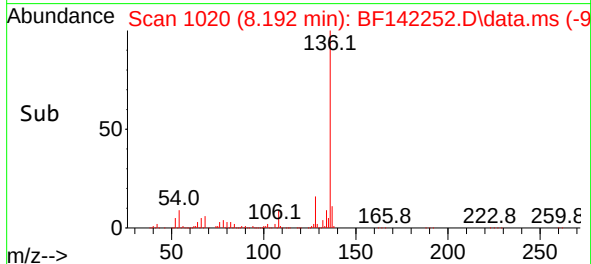


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 10
Delta R.T. -0.001 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

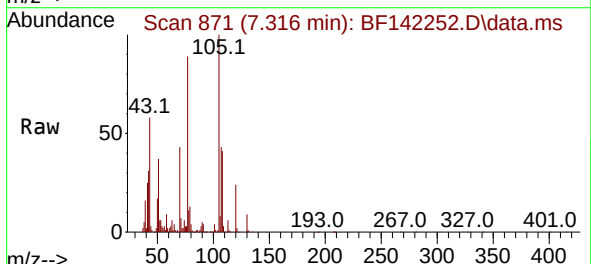
Instrument :
BNA_F
ClientSampleId :
PB167798BS



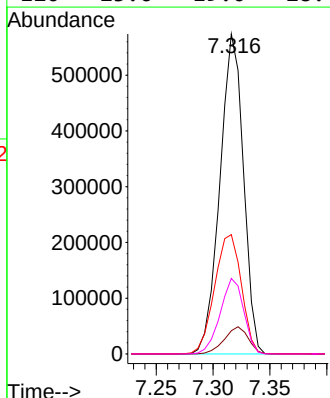
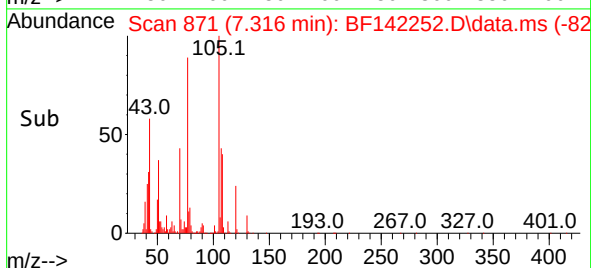
Tgt Ion:136 Resp: 889454
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.5 7.7 11.5
68 6.1 5.0 7.6

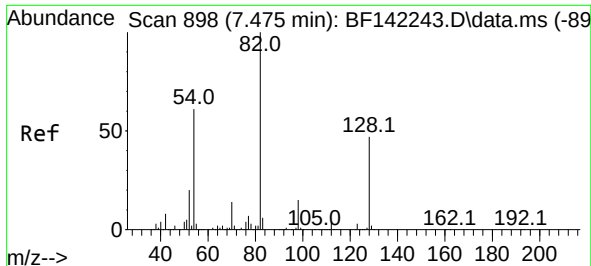


#22
Acetophenone
Concen: 40.145 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:105 Resp: 826074
Ion Ratio Lower Upper
105 100
71 7.3 5.7 8.5
51 37.3 30.1 45.1
120 23.6 19.0 28.4





#23

Nitrobenzene-d5

Concen: 78.658 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

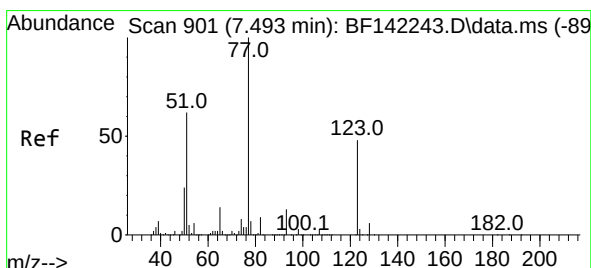
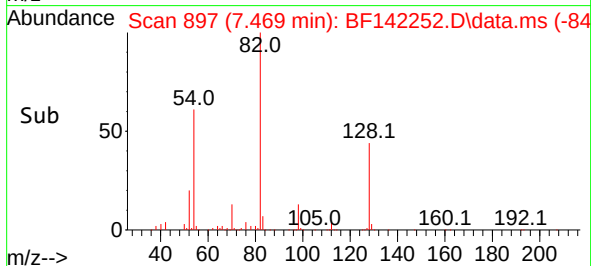
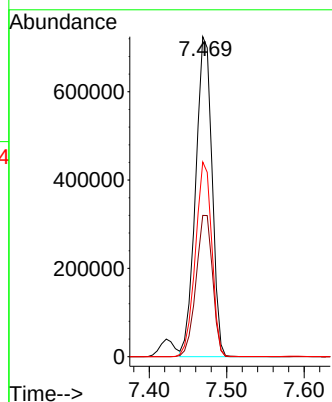
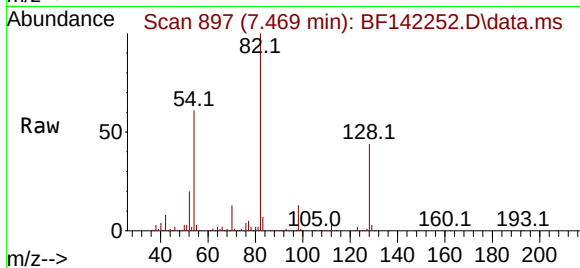
Tgt Ion: 82 Resp: 1064921

Ion Ratio Lower Upper

82 100

128 44.2 37.0 55.6

54 60.8 48.0 72.0



#24

Nitrobenzene

Concen: 44.506 ng

RT: 7.493 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

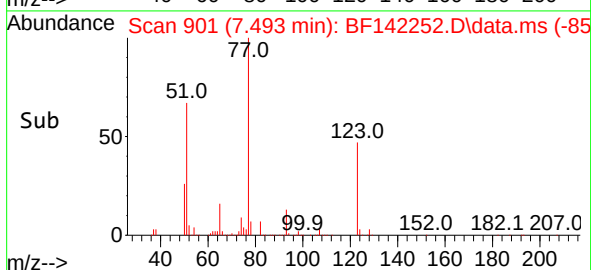
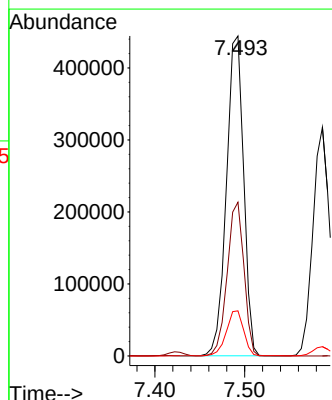
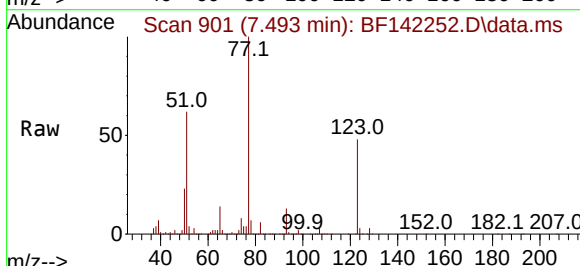
Tgt Ion: 77 Resp: 591218

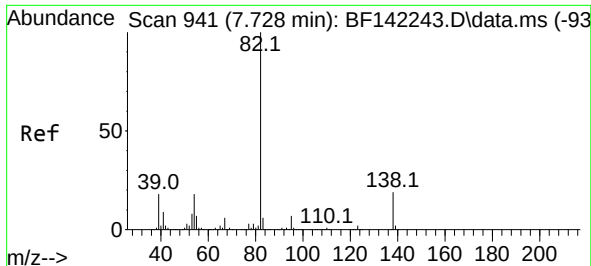
Ion Ratio Lower Upper

77 100

123 48.1 38.6 58.0

65 14.1 11.5 17.3

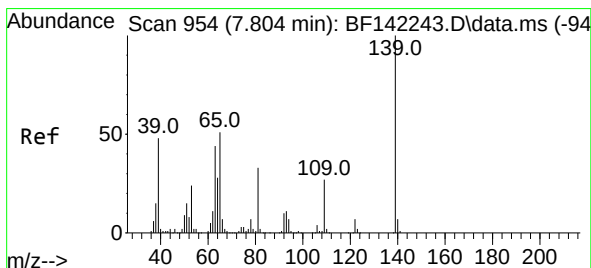
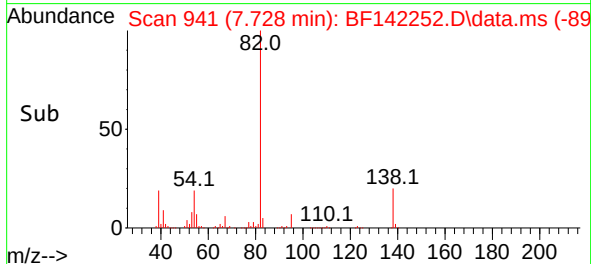
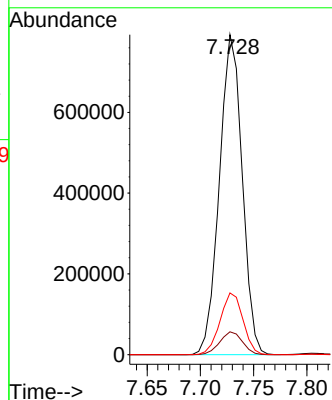
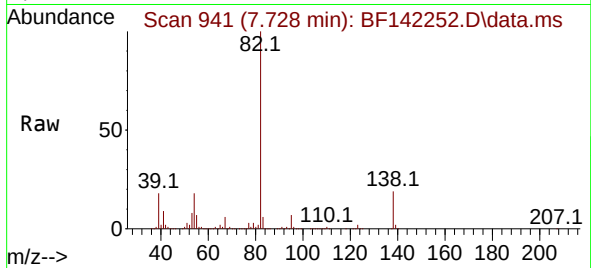




#25
Isophorone
Concen: 41.486 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

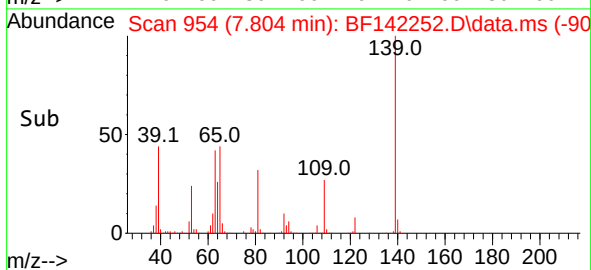
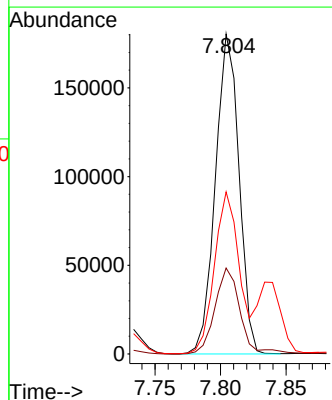
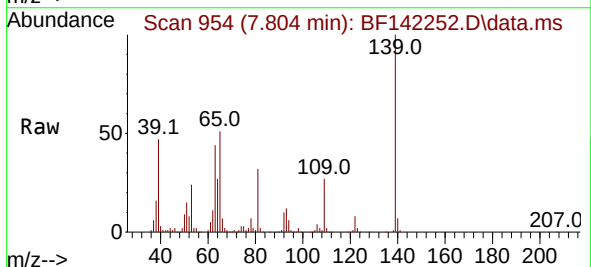
Instrument :
BNA_F
ClientSampleId :
PB167798BS

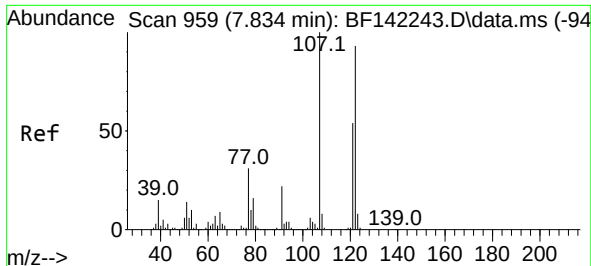
Tgt Ion: 82 Resp: 1178770
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.3 15.3 22.9



#26
2-Nitrophenol
Concen: 41.847 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 139 Resp: 225734
Ion Ratio Lower Upper
139 100
109 26.8 21.8 32.8
65 50.7 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 42.086 ng

RT: 7.840 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

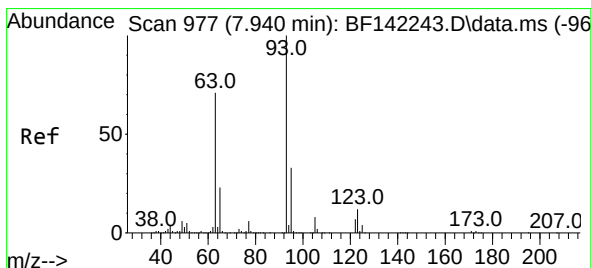
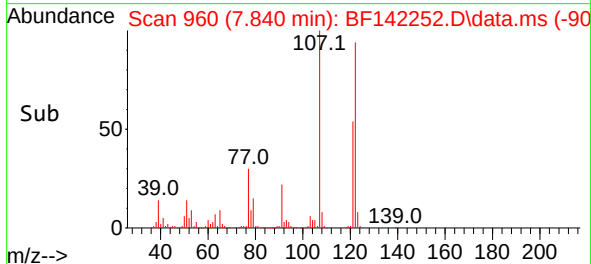
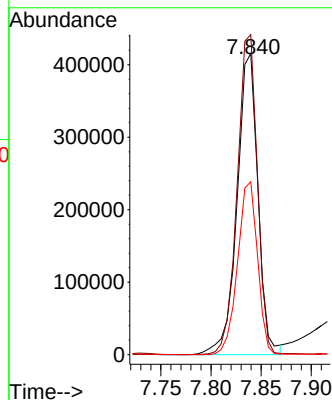
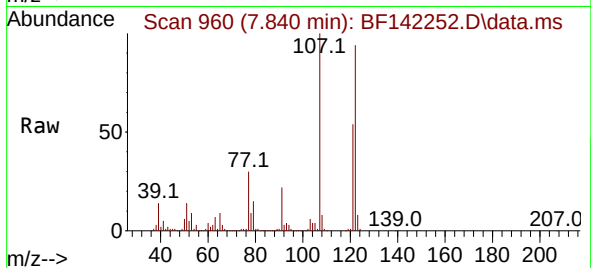
Tgt Ion:122 Resp: 602922

Ion Ratio Lower Upper

122 100

107 106.2 86.0 129.0

121 57.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.995 ng

RT: 7.940 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

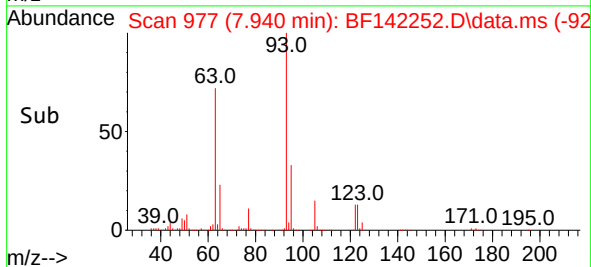
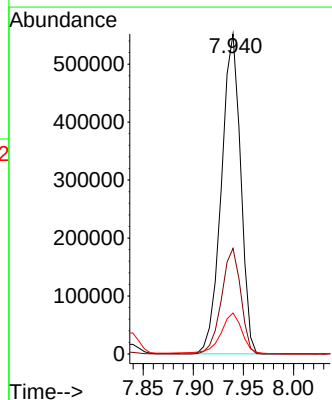
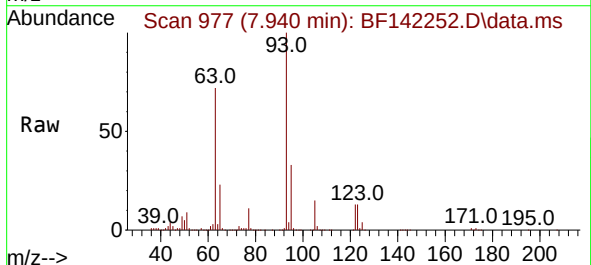
Tgt Ion: 93 Resp: 734626

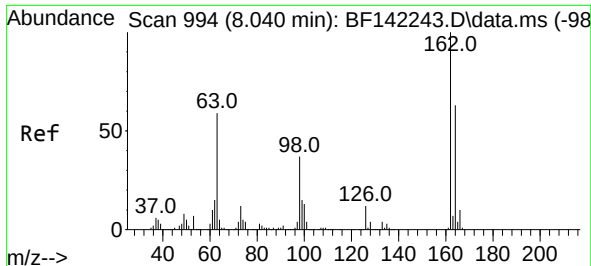
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 12.8 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 42.777 ng

RT: 8.040 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

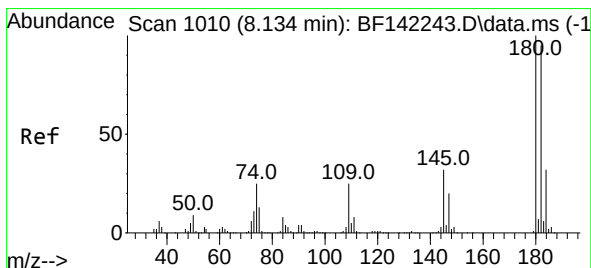
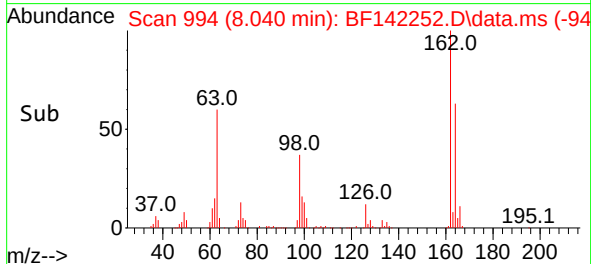
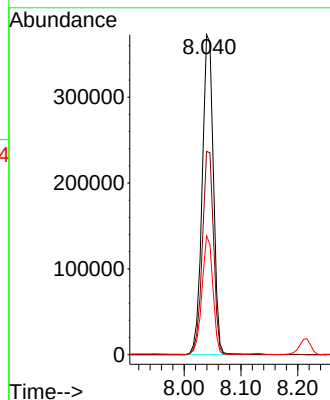
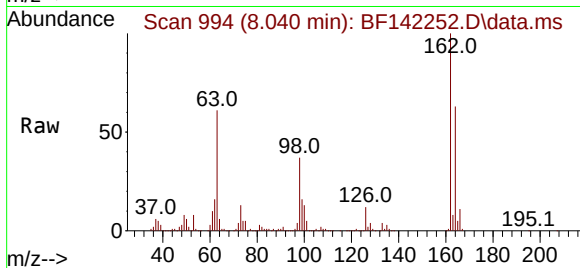
Tgt Ion:162 Resp: 512350

Ion Ratio Lower Upper

162 100

164 63.5 43.0 83.0

98 37.2 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 40.953 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

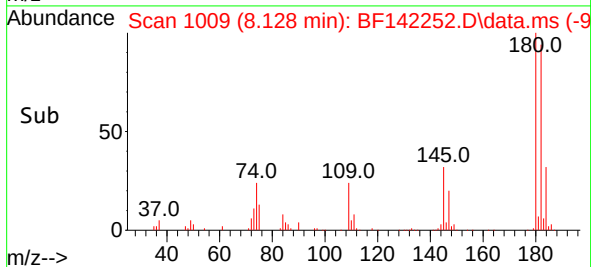
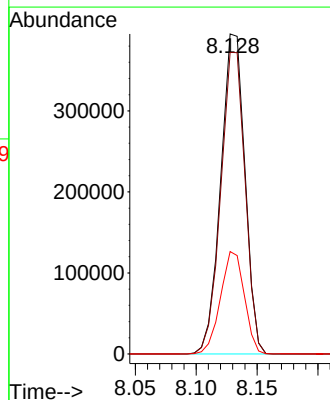
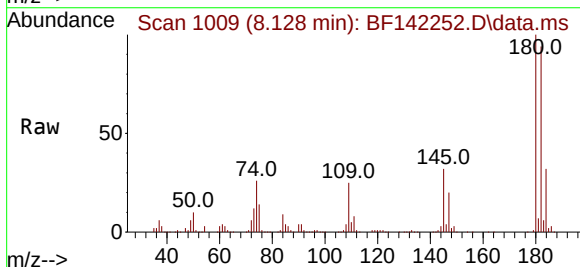
Tgt Ion:180 Resp: 547350

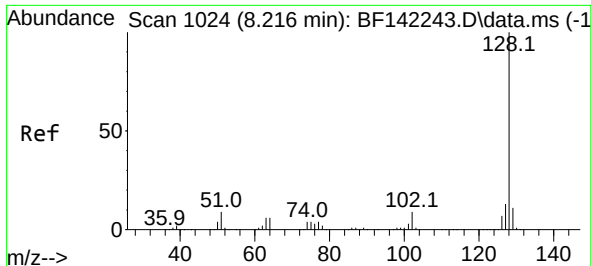
Ion Ratio Lower Upper

180 100

182 94.2 75.7 113.5

145 32.0 25.4 38.0

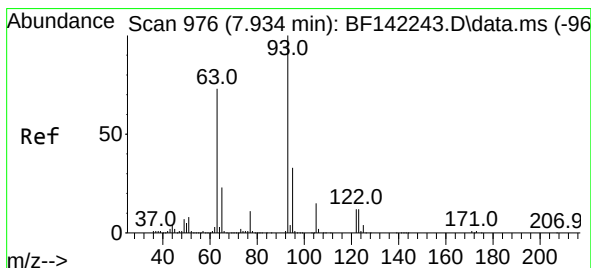
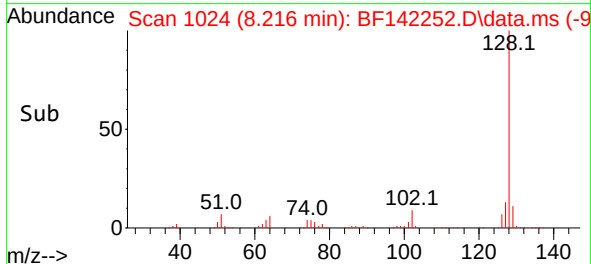
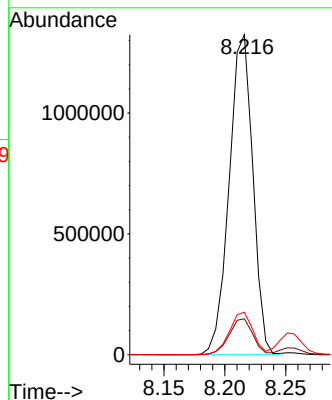
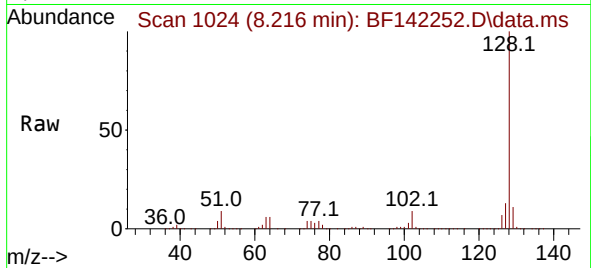




#31
Naphthalene
Concen: 40.399 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

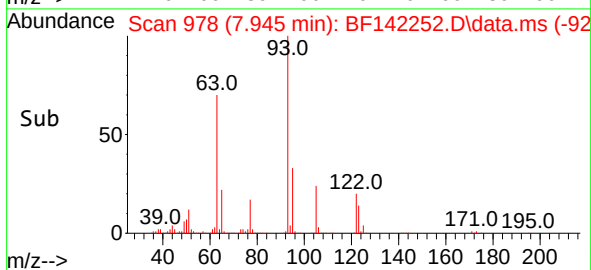
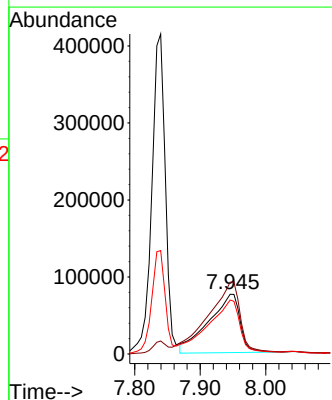
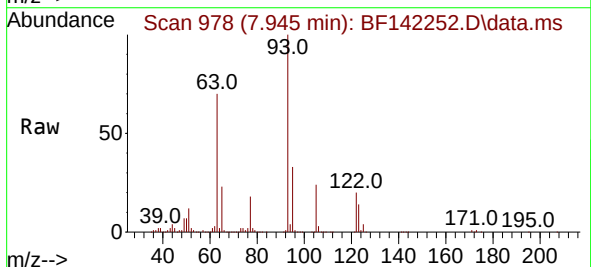
Instrument :
BNA_F
ClientSampleId :
PB167798BS

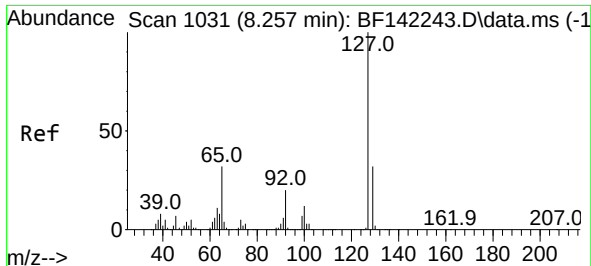
Tgt Ion:128 Resp: 1792007
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 39.592 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.011 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:122 Resp: 253234
Ion Ratio Lower Upper
122 100
105 120.3 98.2 138.2
77 90.3 66.8 106.8

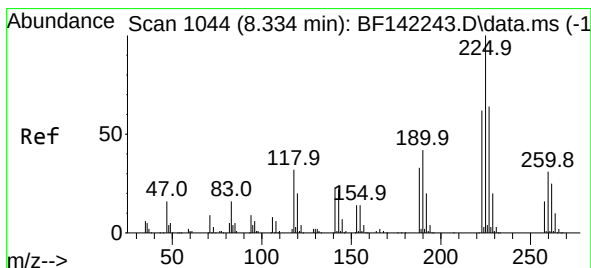
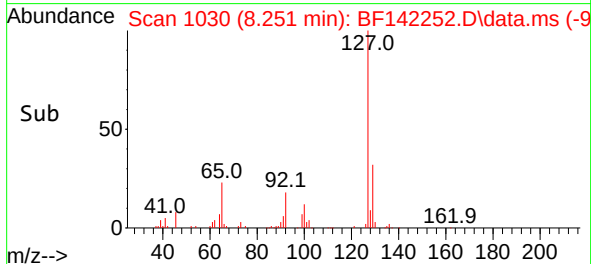
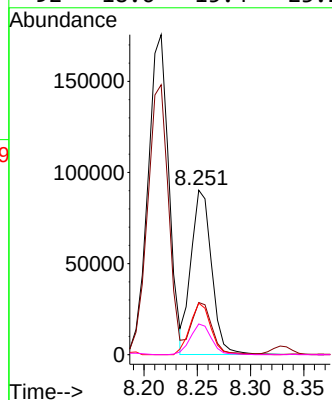
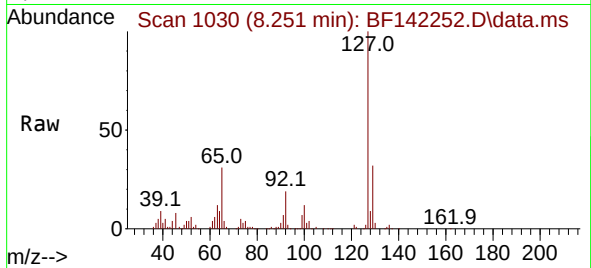




#33
4-Chloroaniline
Concen: 6.579 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

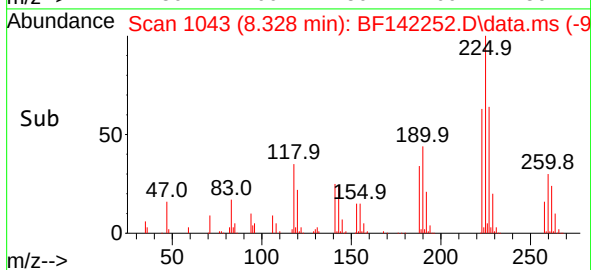
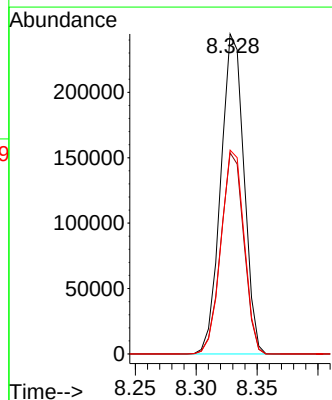
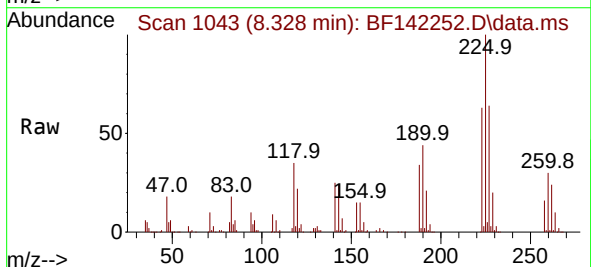
Instrument :
BNA_F
ClientSampleId :
PB167798BS

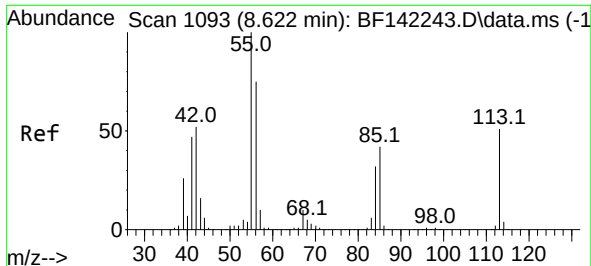
Tgt	Ion:127	Resp:	121514
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	31.4	25.5	38.3
92	18.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 41.453 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt	Ion:225	Resp:	323243
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	63.7	51.0	76.4

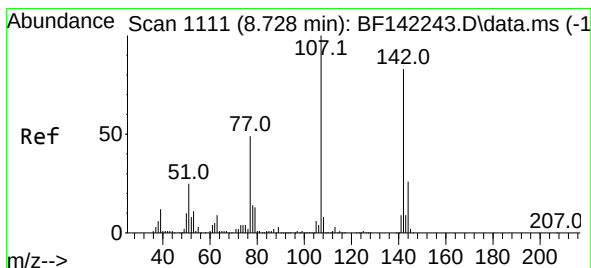
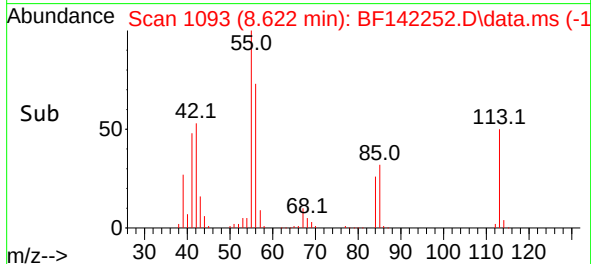
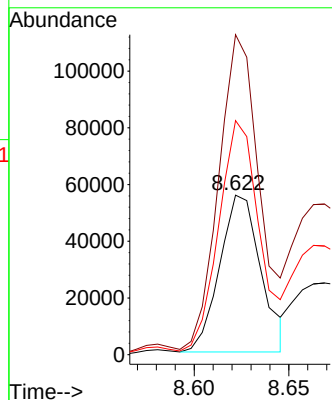
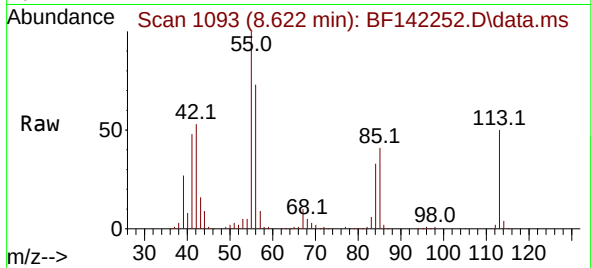




#35
 Caprolactam
 Concen: 23.230 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

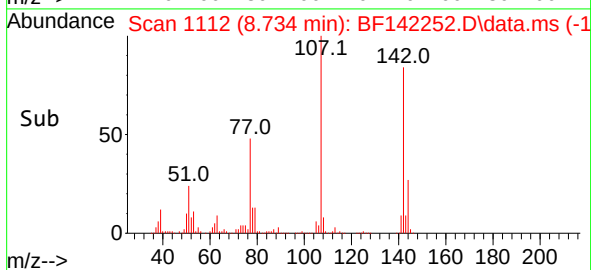
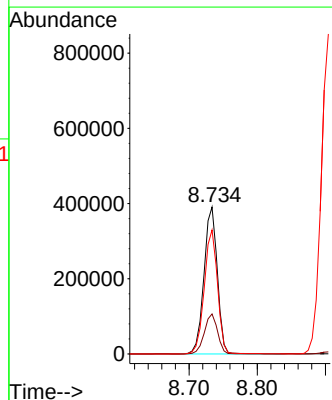
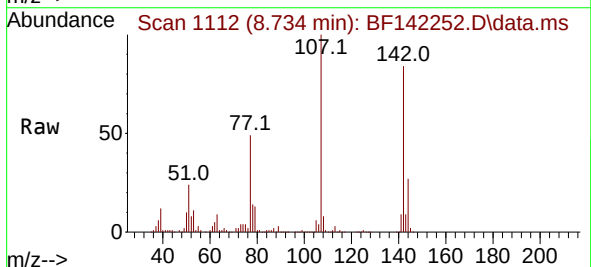
Instrument :
 BNA_F
 ClientSampleId :
 PB167798BS

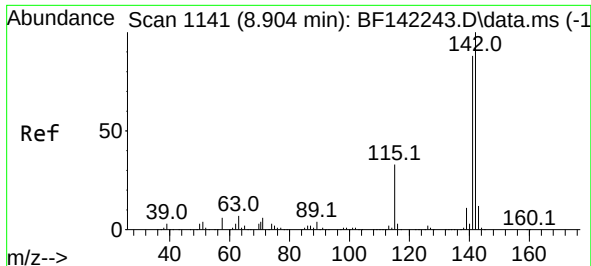
Tgt Ion:113 Resp: 83629
 Ion Ratio Lower Upper
 113 100
 55 200.6 177.7 217.7
 56 146.8 127.1 167.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.315 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

Tgt Ion:107 Resp: 532722
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.0 31.4
 142 84.4 66.1 99.1





#37

2-Methylnaphthalene

Concen: 40.544 ng

RT: 8.904 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

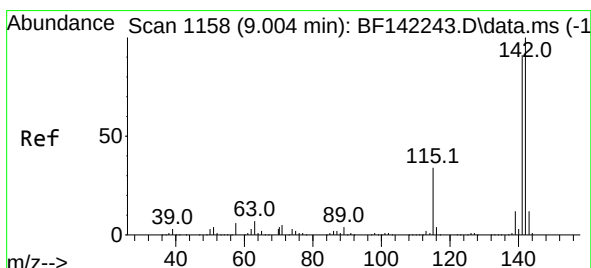
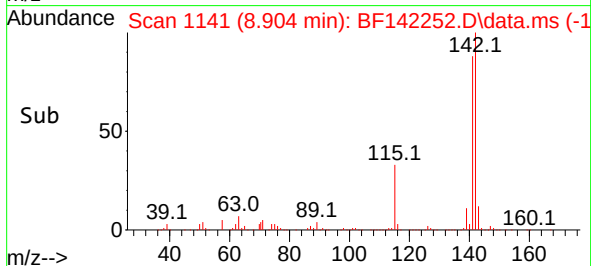
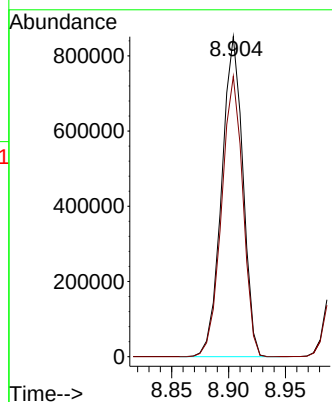
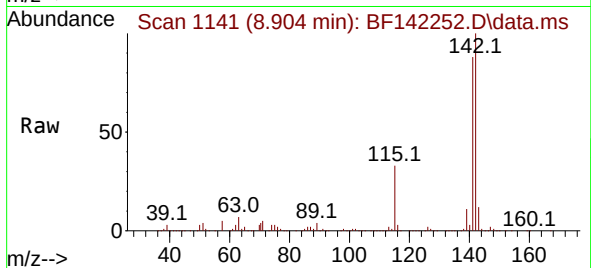
PB167798BS

Tgt Ion:142 Resp: 1105725

Ion Ratio Lower Upper

142 100

141 87.6 70.5 105.7



#38

1-Methylnaphthalene

Concen: 41.039 ng

RT: 9.004 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF142252.D

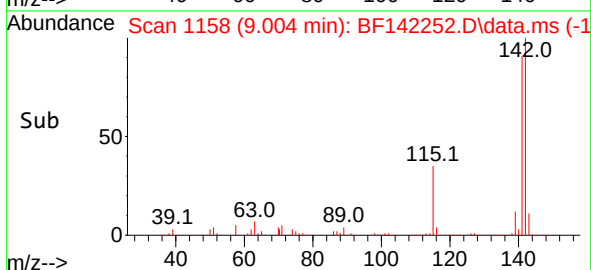
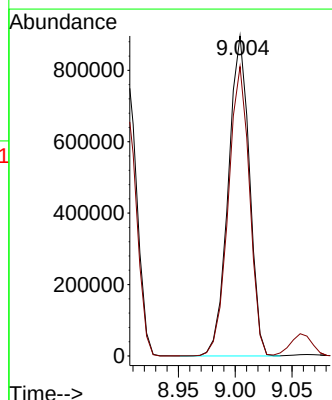
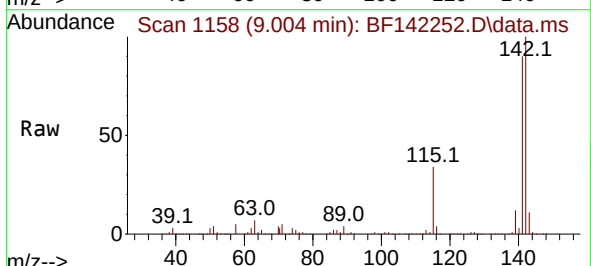
Acq: 01 May 2025 11:13

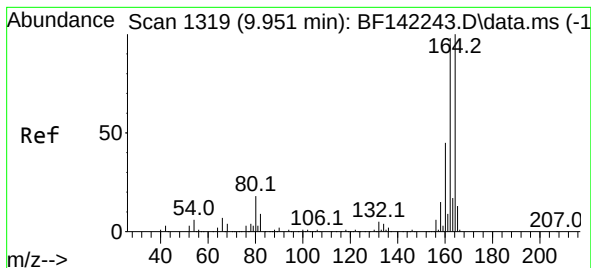
Tgt Ion:142 Resp: 1159466

Ion Ratio Lower Upper

142 100

141 90.4 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

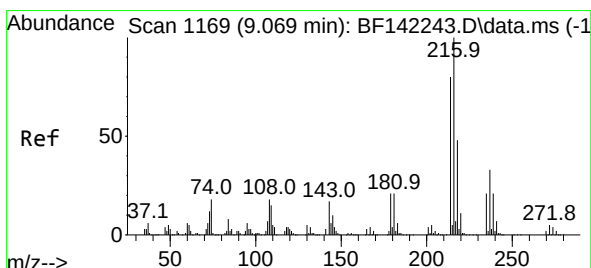
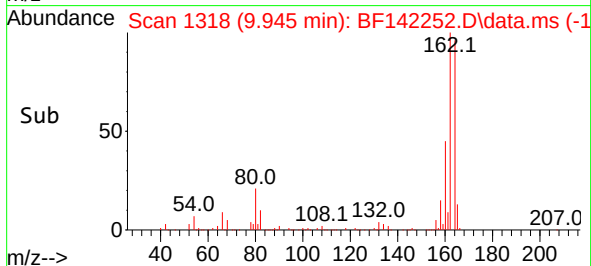
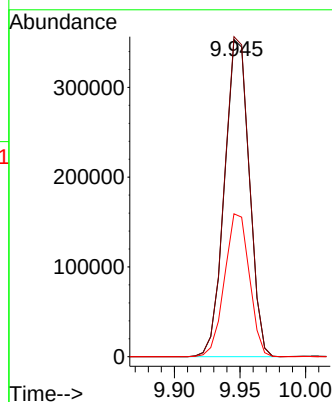
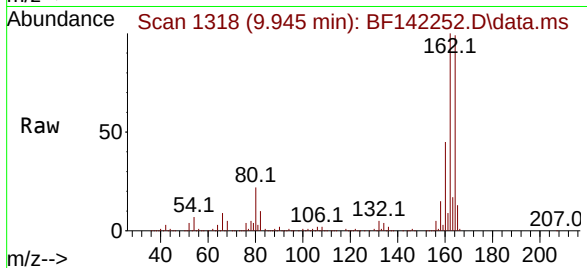
Tgt Ion:164 Resp: 464234

Ion Ratio Lower Upper

164 100

162 100.9 78.6 117.8

160 45.1 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.032 ng

RT: 9.069 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Tgt Ion:216 Resp: 523019

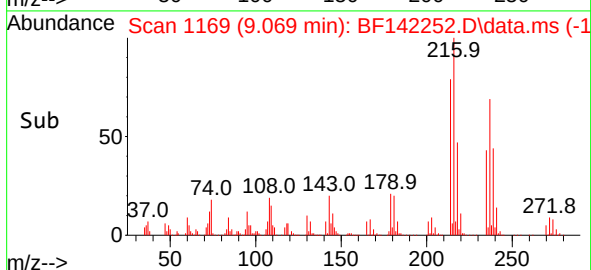
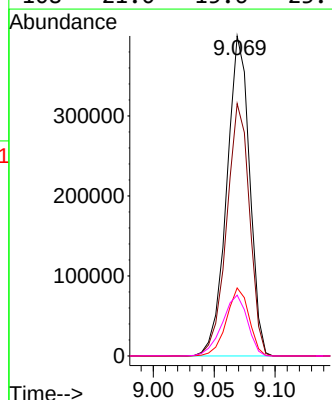
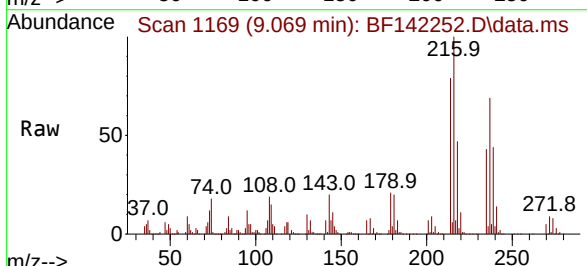
Ion Ratio Lower Upper

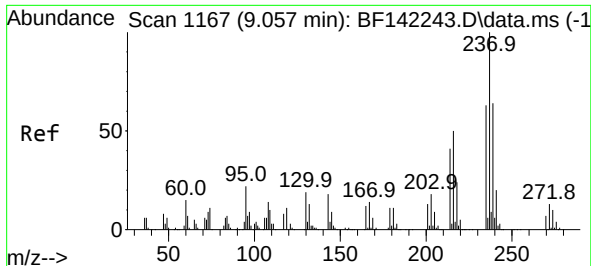
216 100

214 78.8 63.8 95.6

179 21.0 16.7 25.1

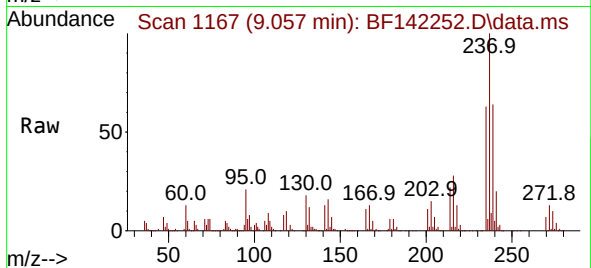
108 21.0 15.6 23.4



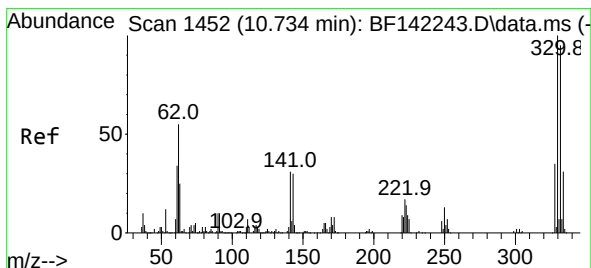
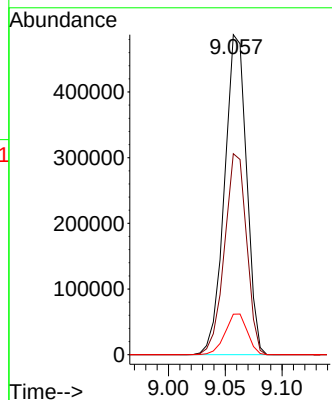
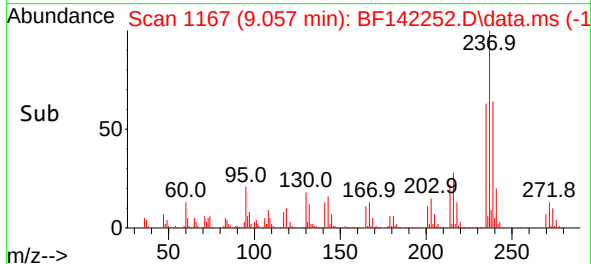


#41
Hexachlorocyclopentadiene
Concen: 88.906 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

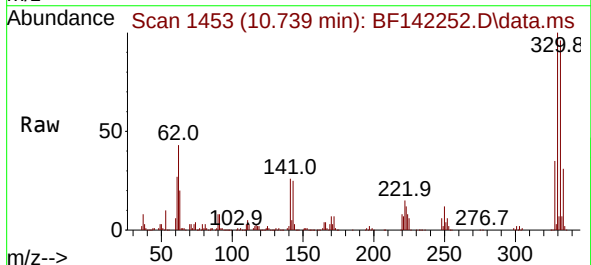
Instrument :
BNA_F
ClientSampleId :
PB167798BS



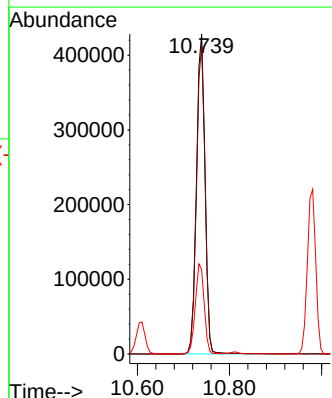
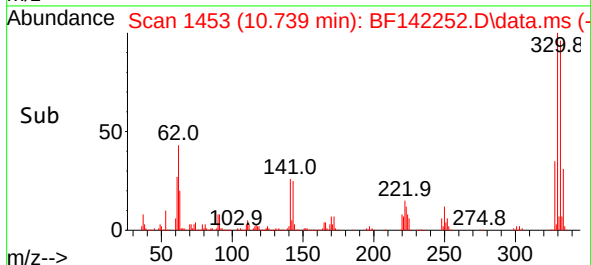
Tgt Ion:237 Resp: 659241
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 12.6 0.0 32.9

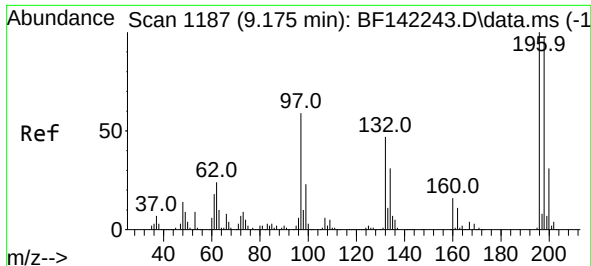


#42
2,4,6-Tribromophenol
Concen: 130.679 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:330 Resp: 553053
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 29.1 24.3 36.5

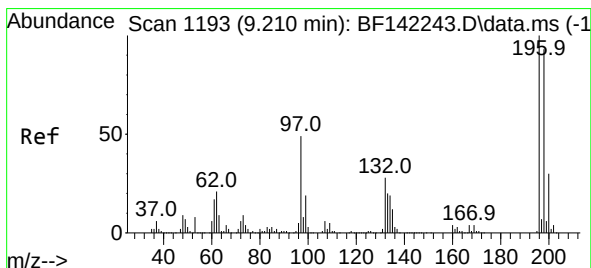
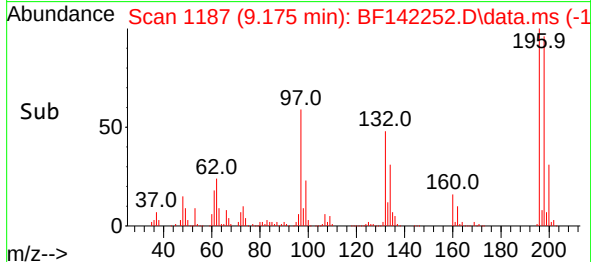
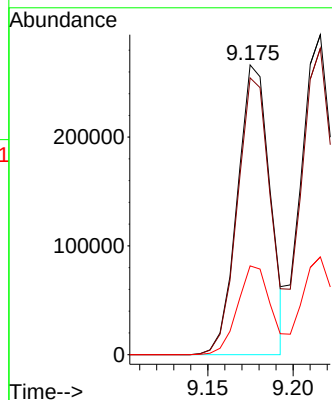
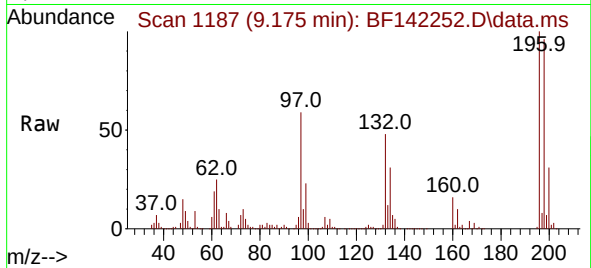




#43
2,4,6-Trichlorophenol
Concen: 43.843 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

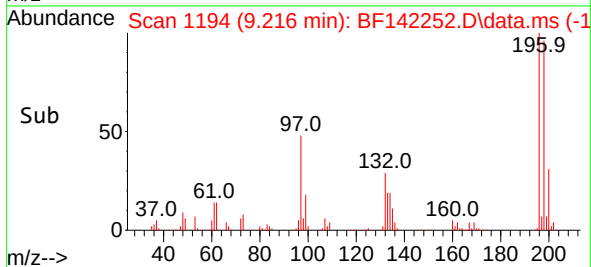
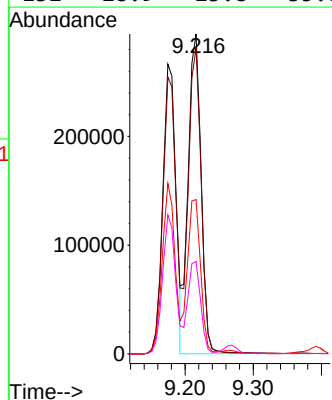
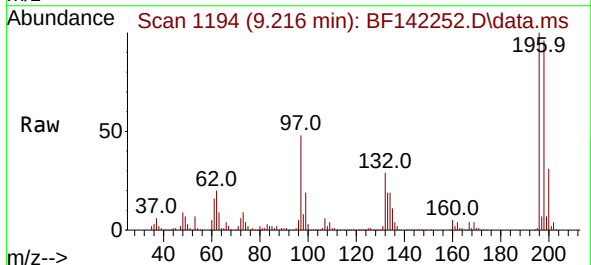
Instrument :
BNA_F
ClientSampleId :
PB167798BS

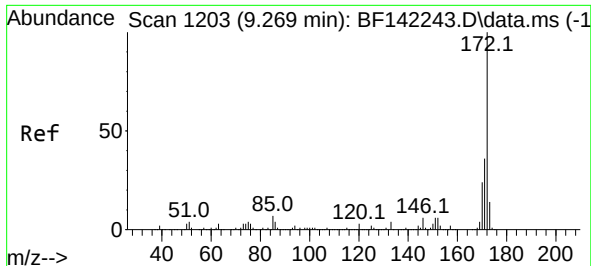
Tgt Ion:196 Resp: 354948
Ion Ratio Lower Upper
196 100
198 95.6 77.4 116.2
200 30.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 45.404 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:196 Resp: 386474
Ion Ratio Lower Upper
196 100
198 95.7 75.2 112.8
97 48.2 39.8 59.8
132 28.9 23.8 35.8

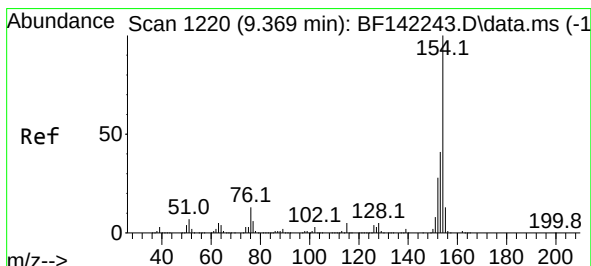
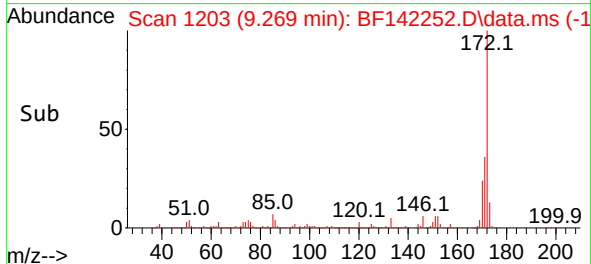
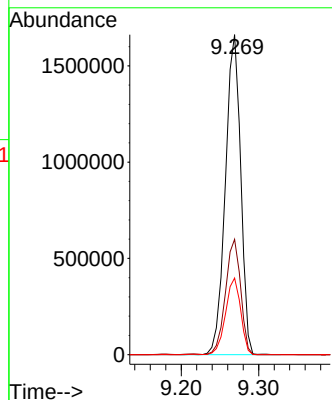
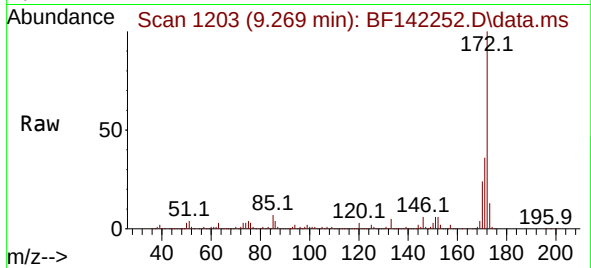




#45
2-Fluorobiphenyl
Concen: 69.221 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

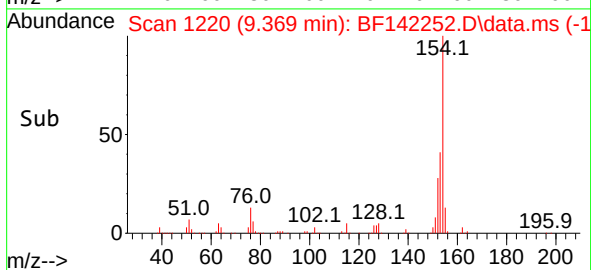
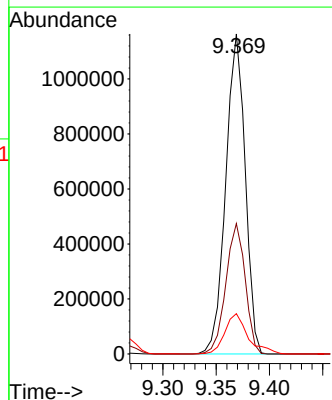
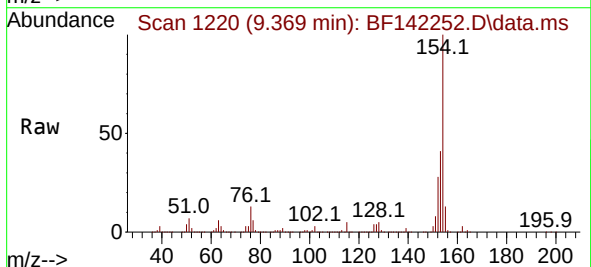
Instrument :
BNA_F
ClientSampleId :
PB167798BS

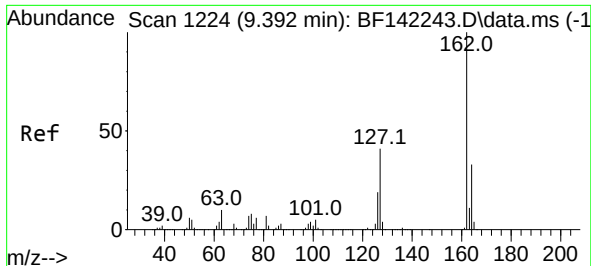
Tgt Ion:172 Resp: 2279117
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.0 19.4 29.0



#46
1,1'-Biphenyl
Concen: 40.881 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:154 Resp: 1475397
Ion Ratio Lower Upper
154 100
153 40.8 20.5 60.5
76 12.6 0.0 32.8





#47
2-Chloronaphthalene
Concen: 40.695 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

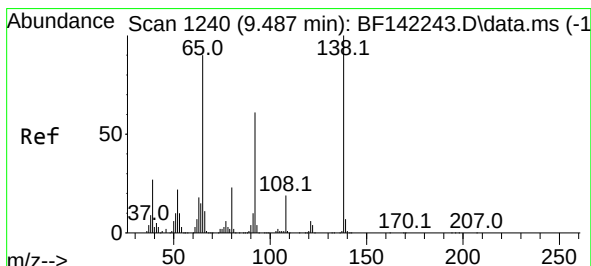
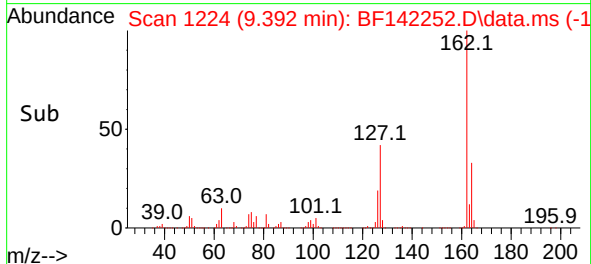
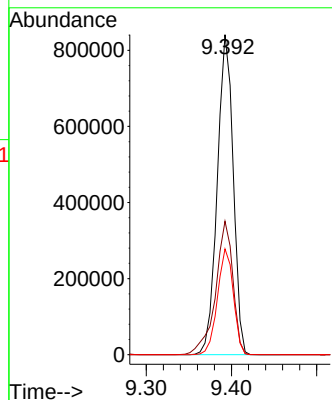
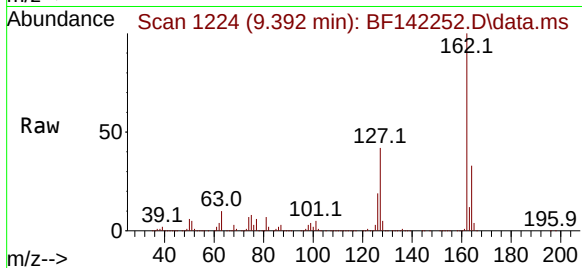
Instrument :

BNA_F

ClientSampleId :

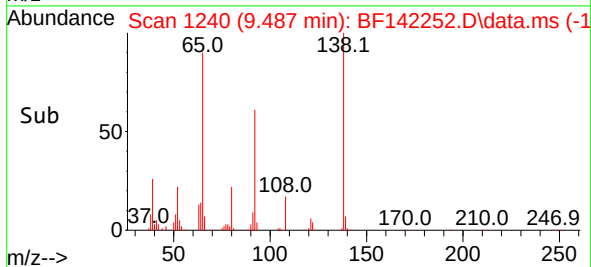
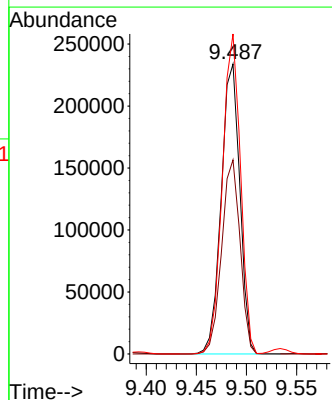
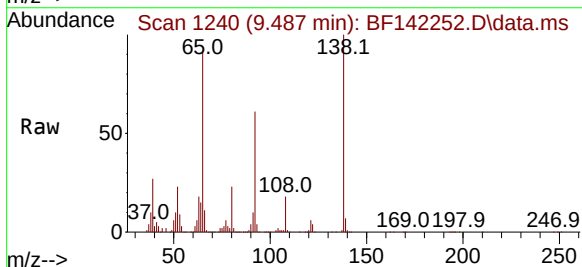
PB167798BS

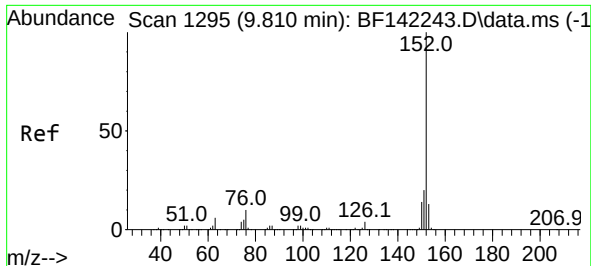
Tgt Ion:162 Resp: 1092692
Ion Ratio Lower Upper
162 100
127 41.7 32.6 49.0
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 43.124 ng
RT: 9.487 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 65 Resp: 301543
Ion Ratio Lower Upper
65 100
92 66.9 54.3 81.5
138 110.4 88.6 133.0





#49

Acenaphthylene

Concen: 41.234 ng

RT: 9.810 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

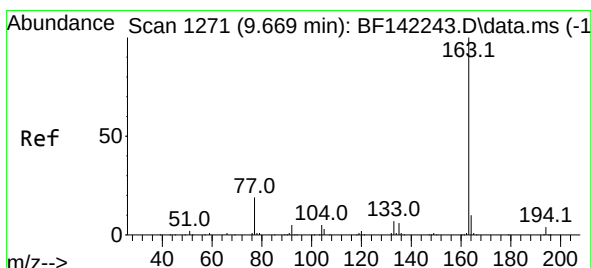
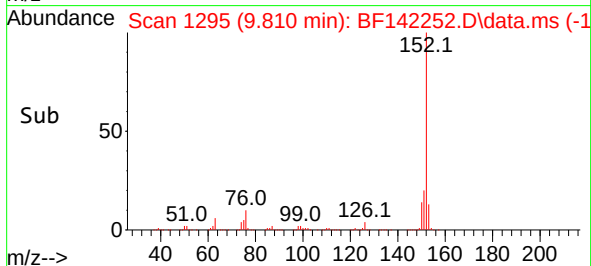
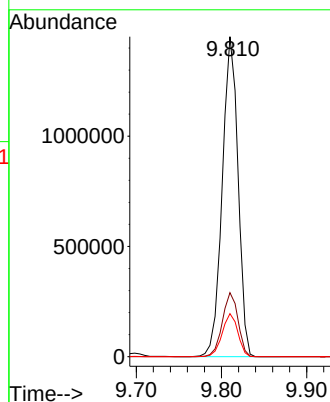
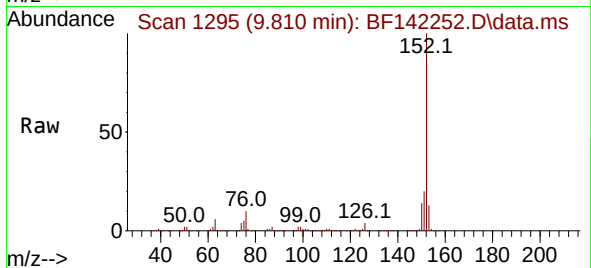
Tgt Ion:152 Resp: 1868315

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 43.038 ng

RT: 9.669 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

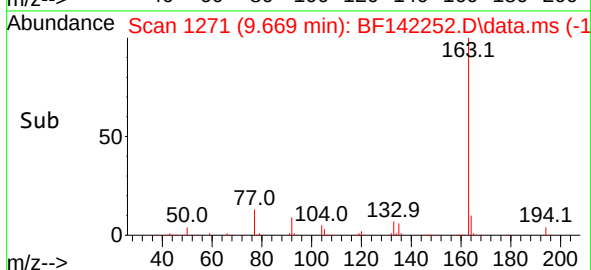
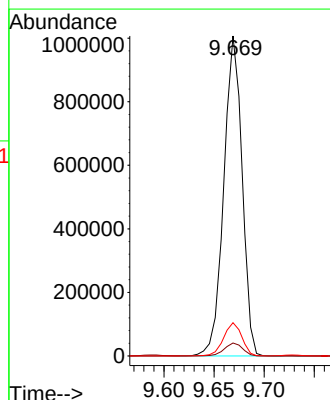
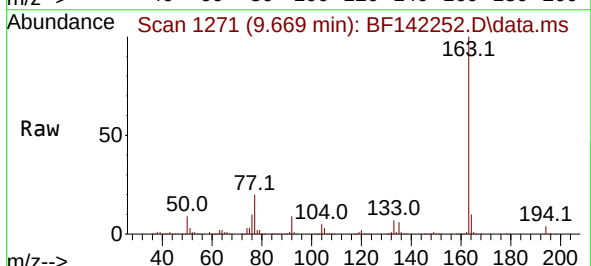
Tgt Ion:163 Resp: 1278203

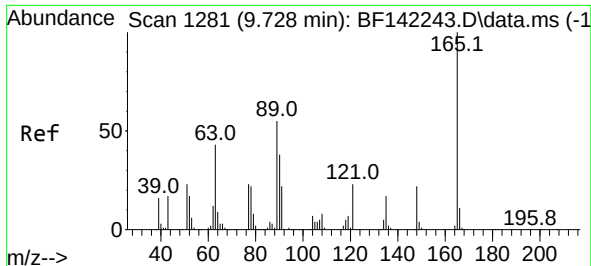
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.4 8.2 12.2

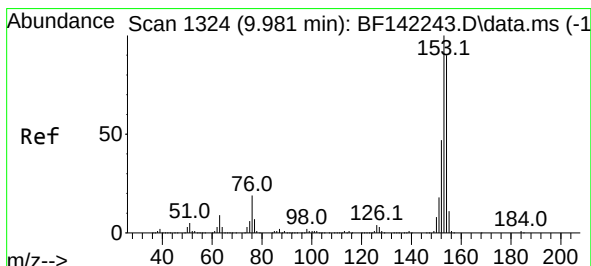
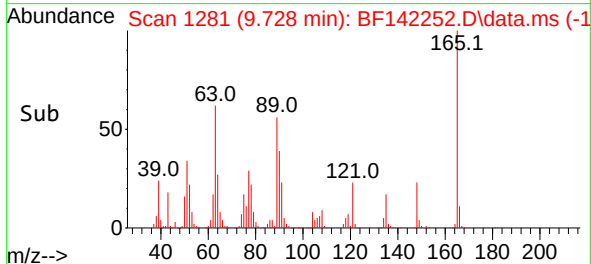
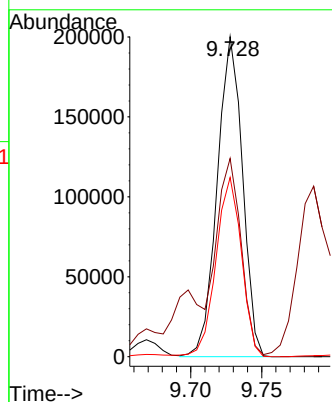
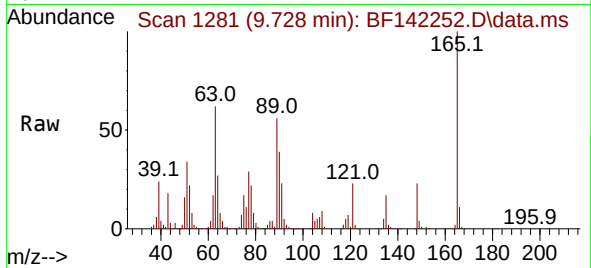




#51
2,6-Dinitrotoluene
Concen: 43.832 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

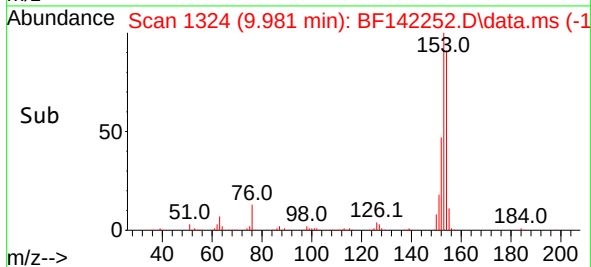
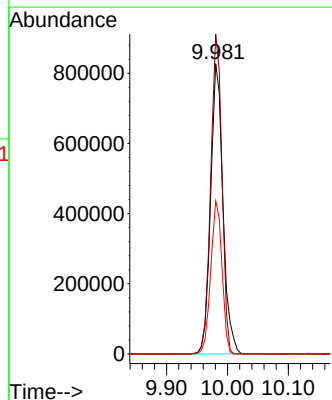
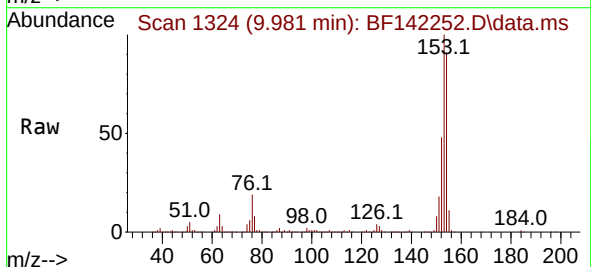
Instrument :
BNA_F
ClientSampleId :
PB167798BS

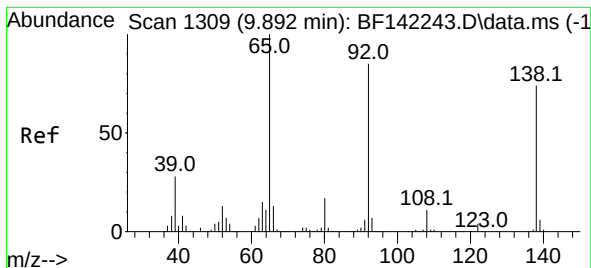
Tgt Ion:165 Resp: 247512
Ion Ratio Lower Upper
165 100
63 61.9 48.5 72.7
89 56.0 43.9 65.9



#52
Acenaphthene
Concen: 43.895 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:154 Resp: 1161277
Ion Ratio Lower Upper
154 100
153 110.3 88.6 133.0
152 52.7 42.1 63.1





#53

3-Nitroaniline

Concen: 19.467 ng

RT: 9.892 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

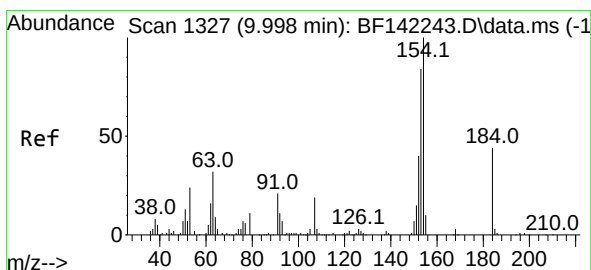
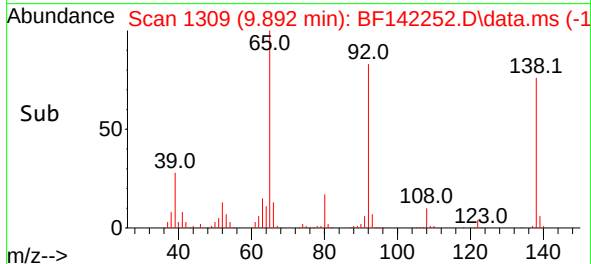
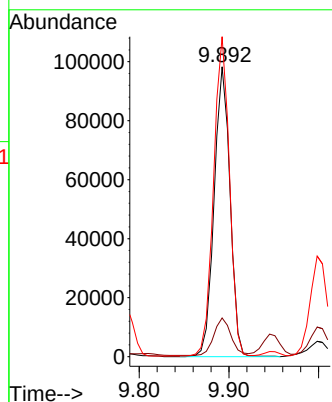
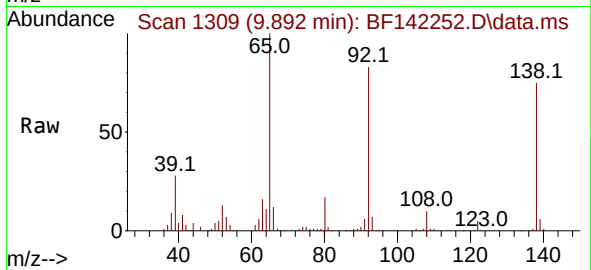
Tgt Ion:138 Resp: 120832

Ion Ratio Lower Upper

138 100

108 13.4 11.7 17.5

92 110.4 91.2 136.8



#54

2,4-Dinitrophenol

Concen: 84.535 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

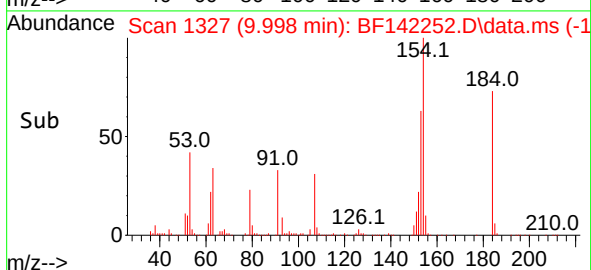
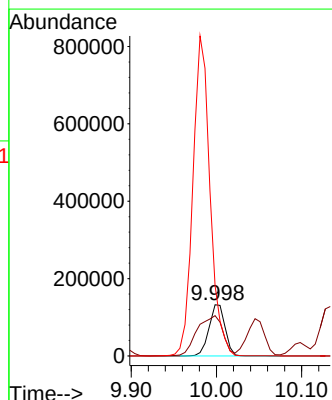
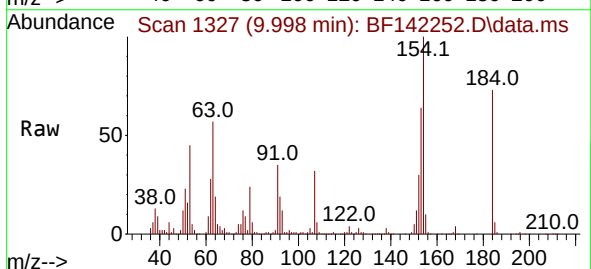
Tgt Ion:184 Resp: 173600

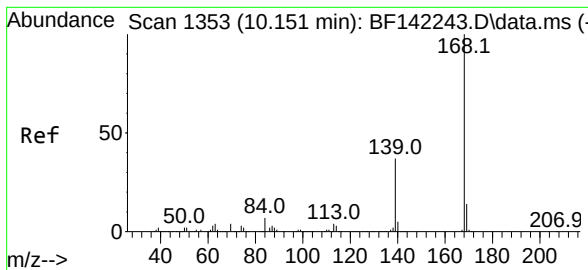
Ion Ratio Lower Upper

184 100

63 78.8 69.2 103.8

154 137.3 271.4 407.2#

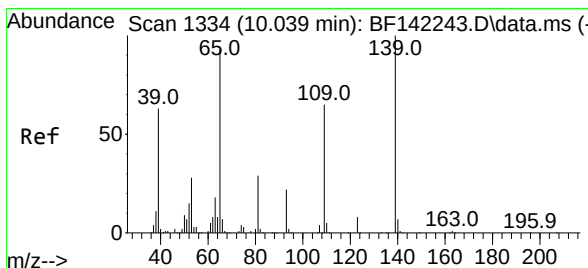
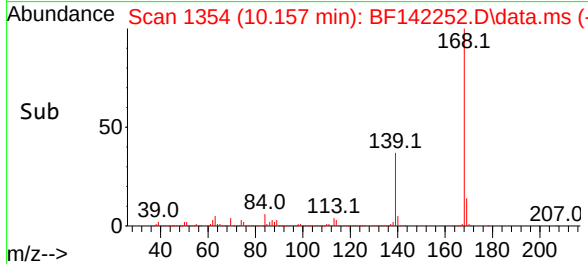
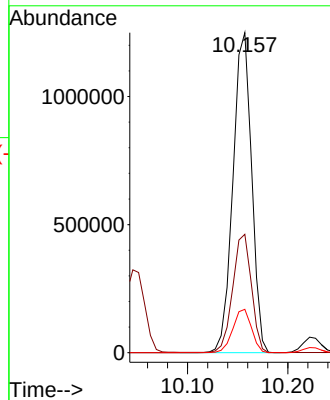
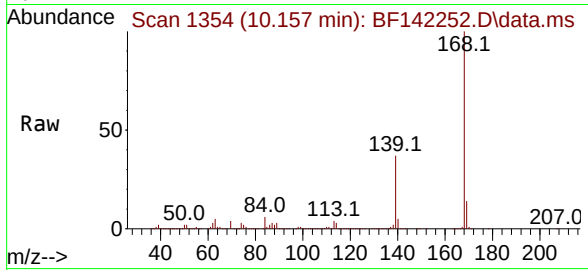




#55
Dibenzenofuran
Concen: 40.827 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

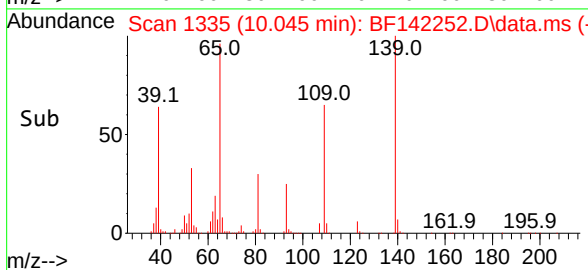
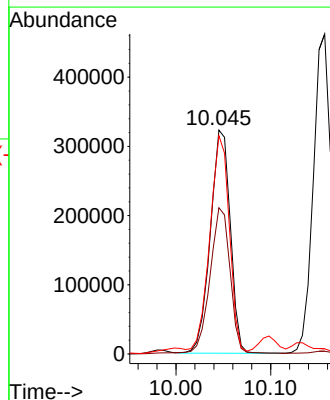
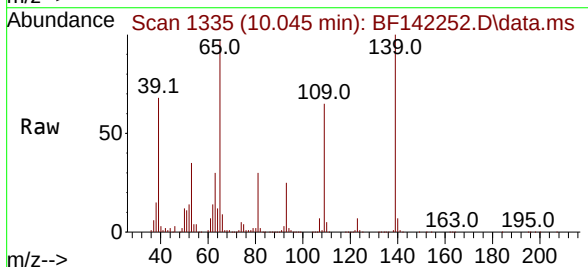
Instrument :
BNA_F
ClientSampleId :
PB167798BS

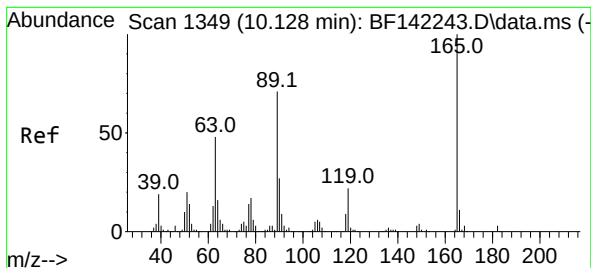
Tgt Ion:168 Resp: 1619144
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.0
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 101.045 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:139 Resp: 471700
Ion Ratio Lower Upper
139 100
109 65.3 44.9 84.9
65 97.5 74.7 114.7

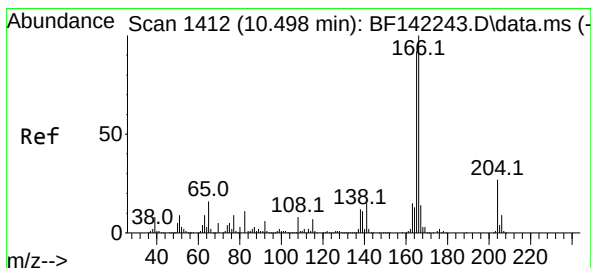
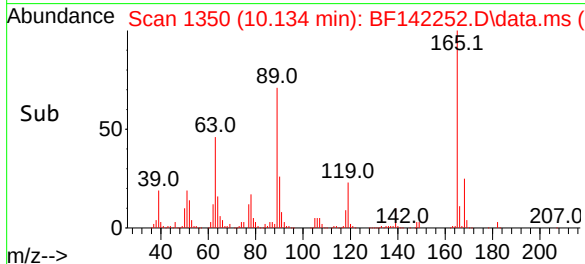
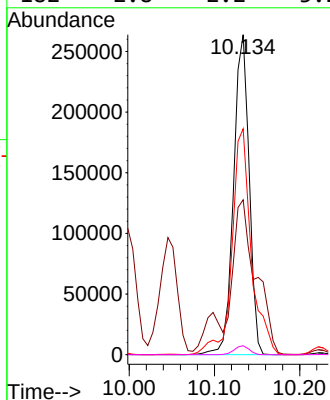
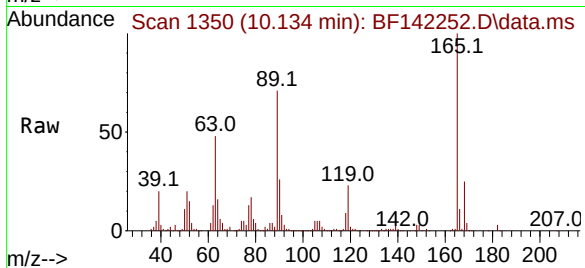




#57
2,4-Dinitrotoluene
Concen: 48.433 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

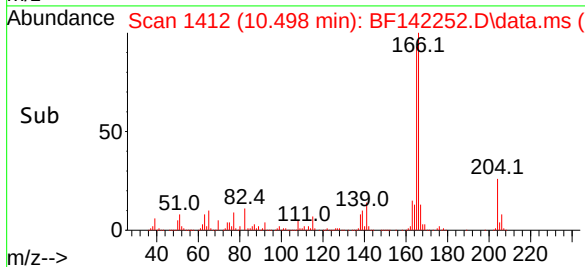
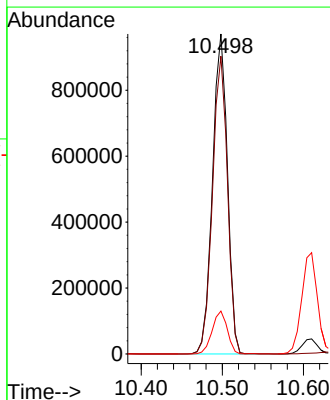
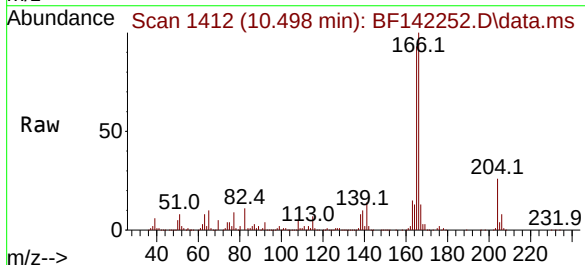
Instrument :
BNA_F
ClientSampleId :
PB167798BS

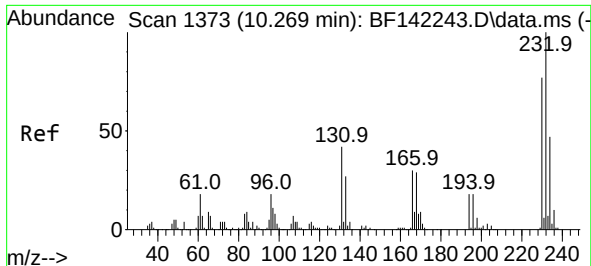
Tgt Ion:165 Resp: 334335
Ion Ratio Lower Upper
165 100
63 48.4 38.8 58.2
89 70.6 57.1 85.7
182 2.8 2.2 3.2



#58
Fluorene
Concen: 41.143 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:166 Resp: 1240639
Ion Ratio Lower Upper
166 100
165 93.0 73.9 110.9
167 13.4 10.8 16.2

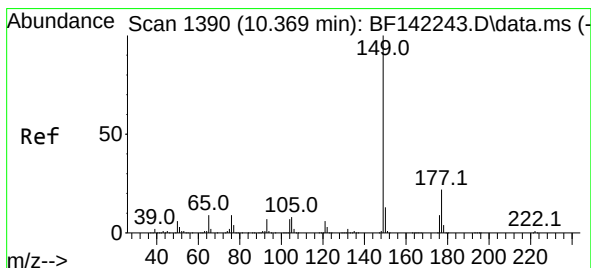
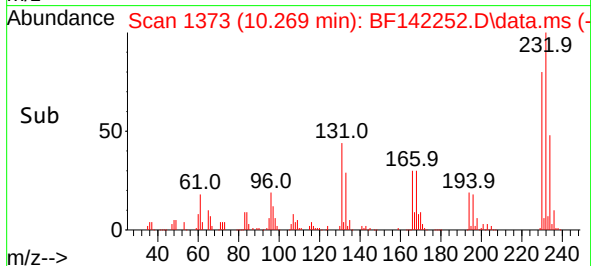
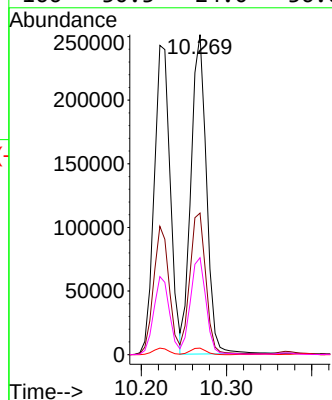
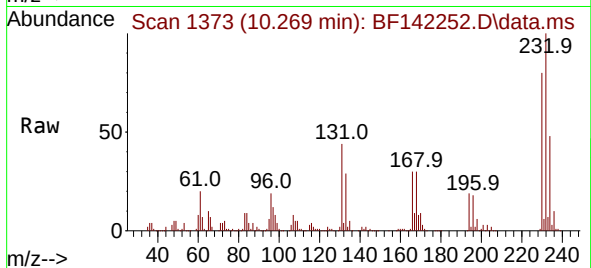




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.934 ng
RT: 10.269 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

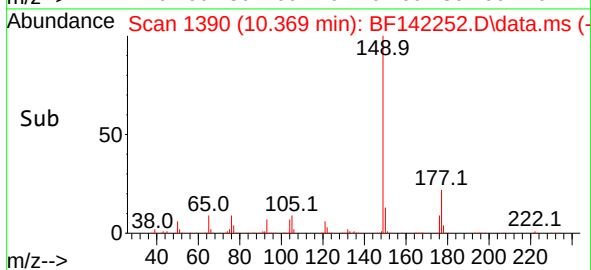
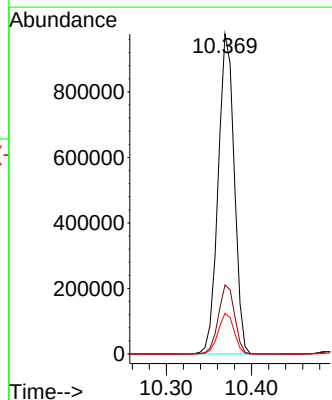
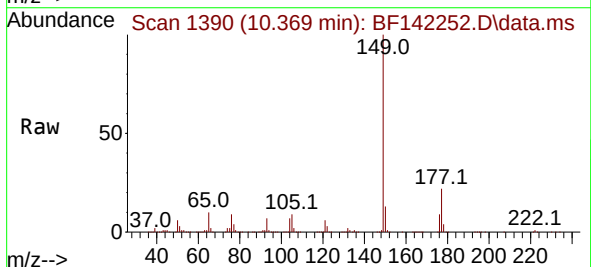
Instrument :
BNA_F
ClientSampleId :
PB167798BS

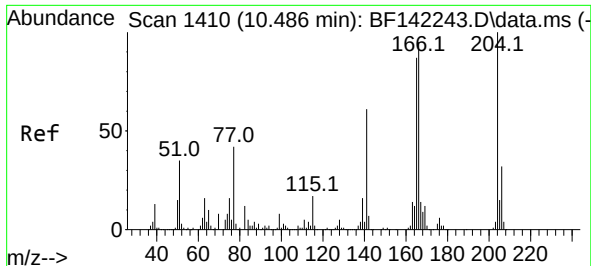
Tgt Ion:232 Resp: 316821
Ion Ratio Lower Upper
232 100
131 45.9 35.9 53.9
130 2.1 1.8 2.6
166 30.3 24.0 36.0



#60
Diethylphthalate
Concen: 43.657 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:149 Resp: 1280368
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.7 10.2 15.2

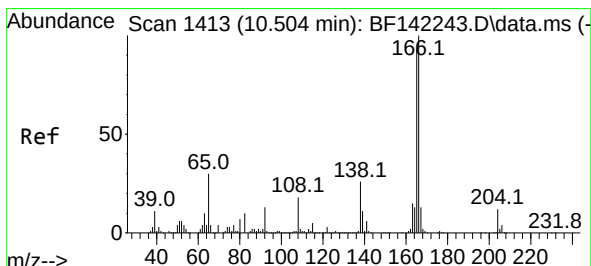
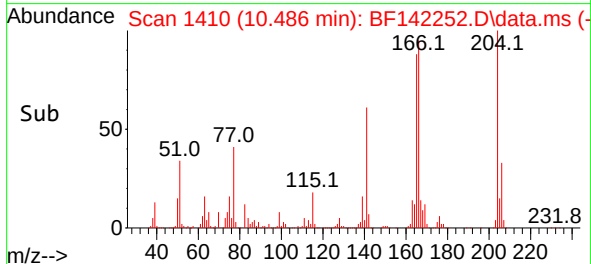
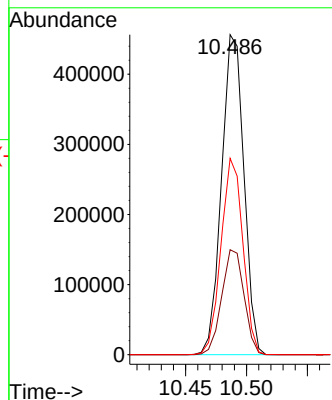
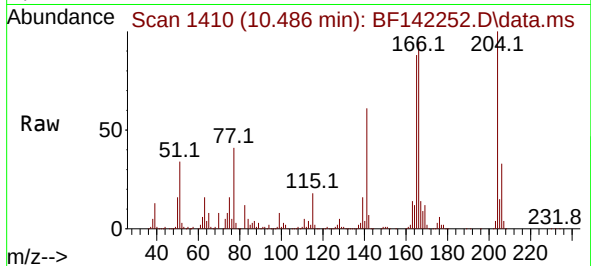




#61
4-Chlorophenyl-phenylether
Concen: 40.745 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

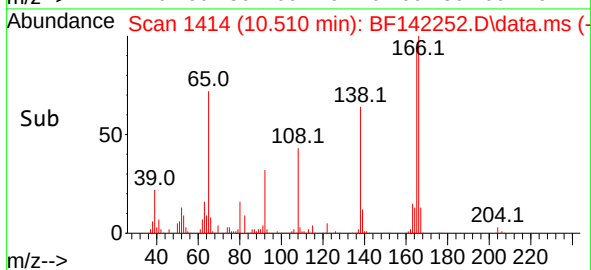
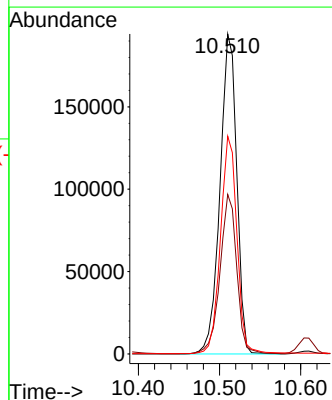
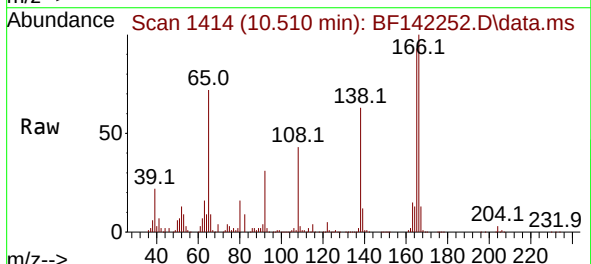
Instrument :
BNA_F
ClientSampleId :
PB167798BS

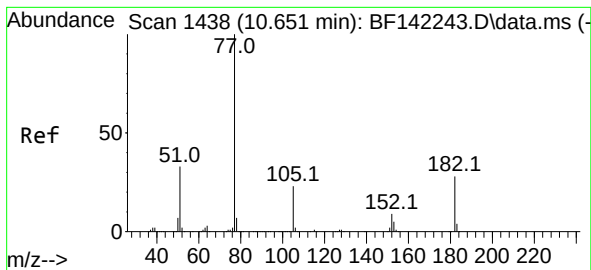
Tgt Ion:204 Resp: 583485
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 61.4 48.9 73.3



#62
4-Nitroaniline
Concen: 44.489 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:138 Resp: 278877
Ion Ratio Lower Upper
138 100
92 49.8 29.2 69.2
108 68.0 49.1 89.1

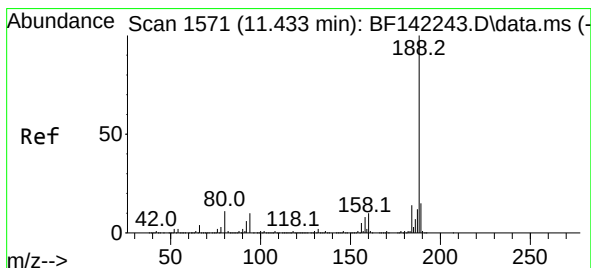
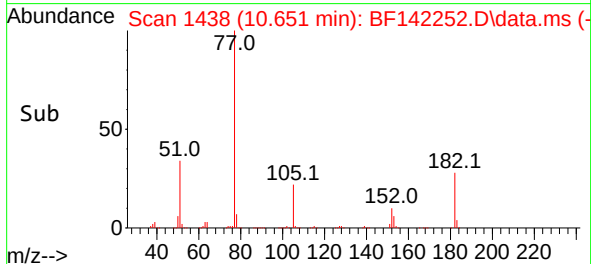
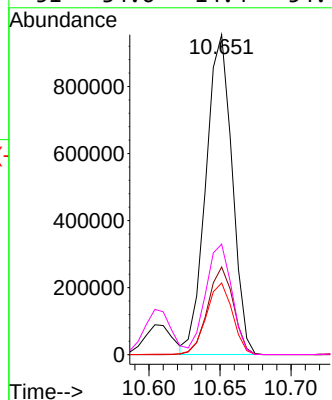
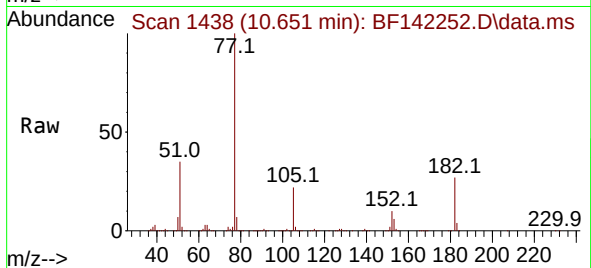




#63
Azobenzene
Concen: 42.308 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

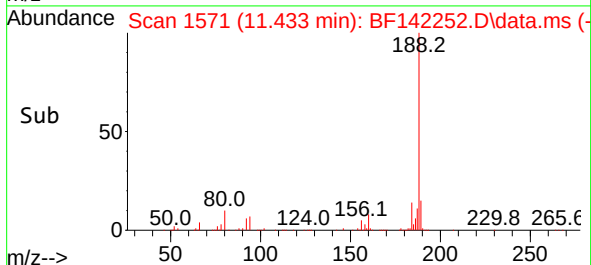
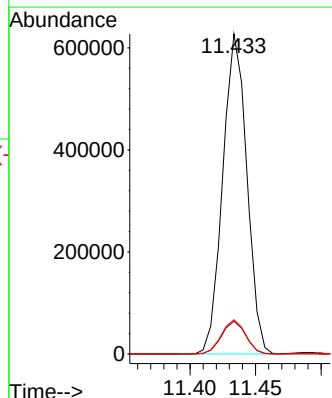
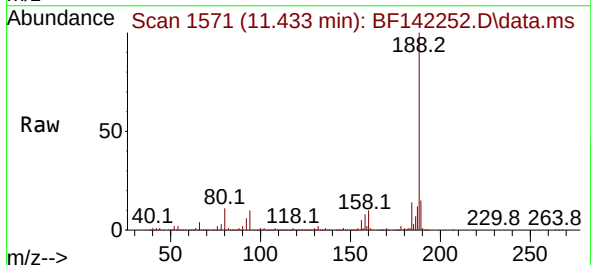
Instrument :
BNA_F
ClientSampleId :
PB167798BS

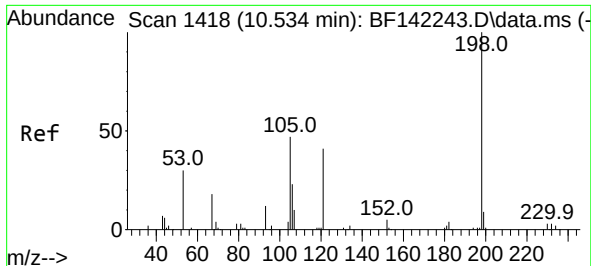
Tgt Ion: 77 Resp: 1225283
Ion Ratio Lower Upper
77 100
182 27.4 7.3 47.3
105 22.4 2.5 42.5
51 34.6 14.4 54.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 188 Resp: 800889
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.7 8.6 12.8

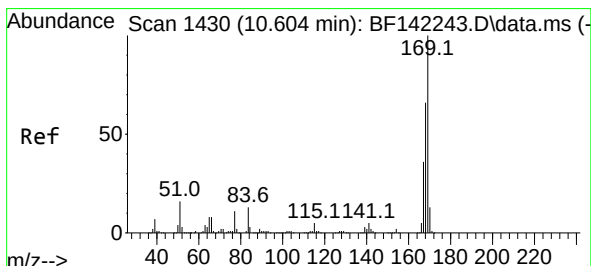
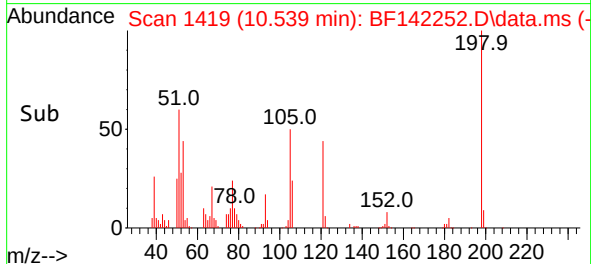
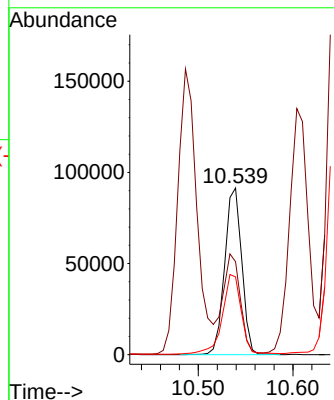
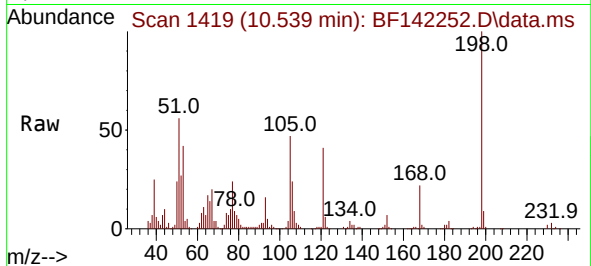




#65
4,6-Dinitro-2-methylphenol
Concen: 44.424 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.005 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

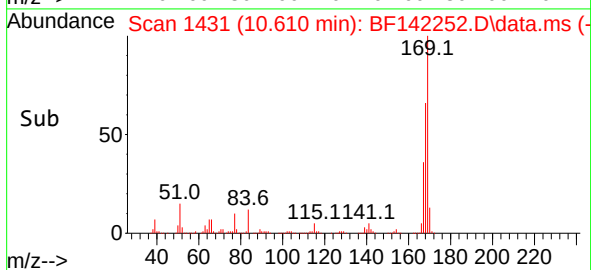
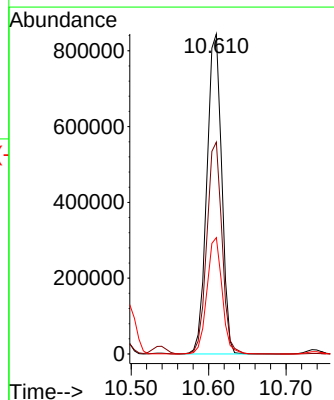
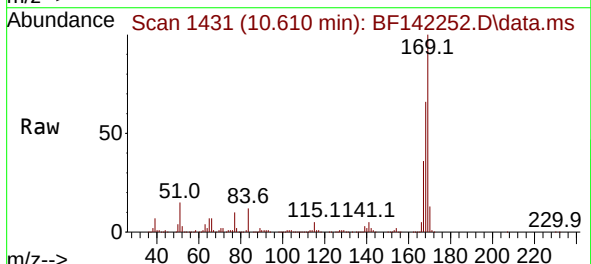
Instrument :
BNA_F
ClientSampleId :
PB167798BS

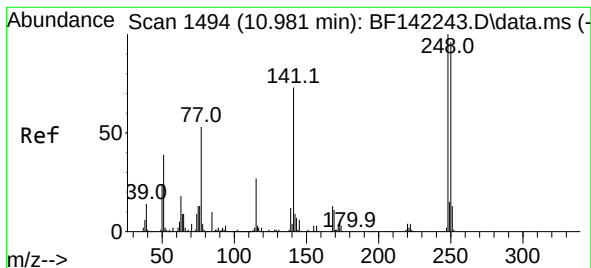
Tgt Ion:198 Resp: 114521
Ion Ratio Lower Upper
198 100
51 55.8 40.6 80.6
105 46.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 40.934 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

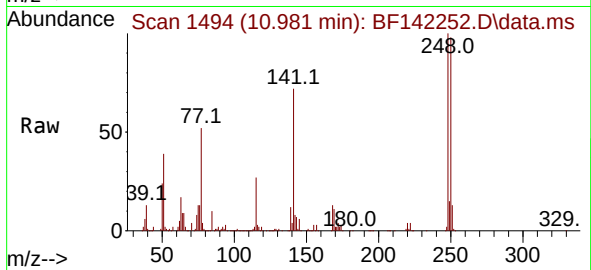
Tgt Ion:169 Resp: 1120137
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 36.4 28.8 43.2



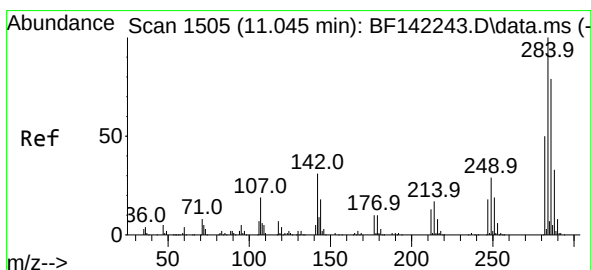
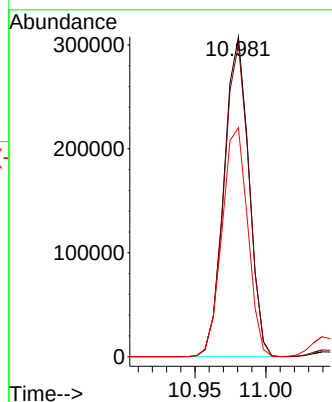
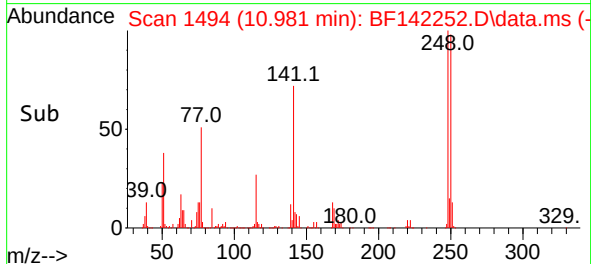


#67
4-Bromophenyl-phenylether
Concen: 41.981 ng
RT: 10.981 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

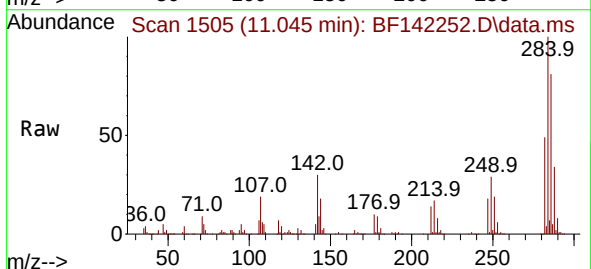
Instrument :
BNA_F
ClientSampleId :
PB167798BS



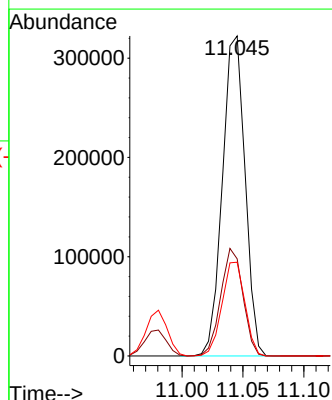
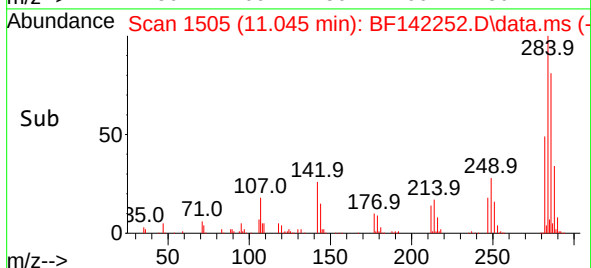
Tgt Ion:248 Resp: 374442
Ion Ratio Lower Upper
248 100
250 97.6 77.2 115.8
141 71.6 58.4 87.6

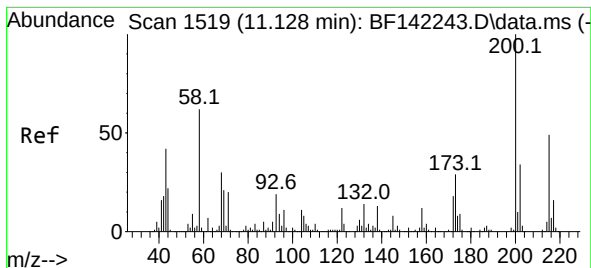


#68
Hexachlorobenzene
Concen: 41.744 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13



Tgt Ion:284 Resp: 416999
Ion Ratio Lower Upper
284 100
142 30.3 24.6 37.0
249 29.3 23.2 34.8





#69

Atrazine

Concen: 45.449 ng

RT: 11.133 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

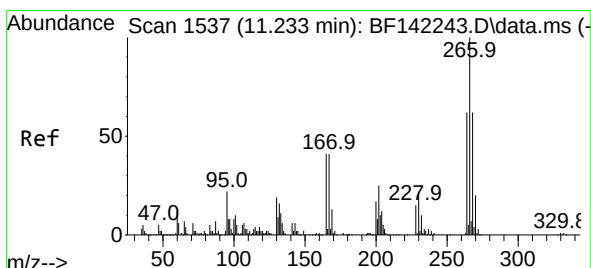
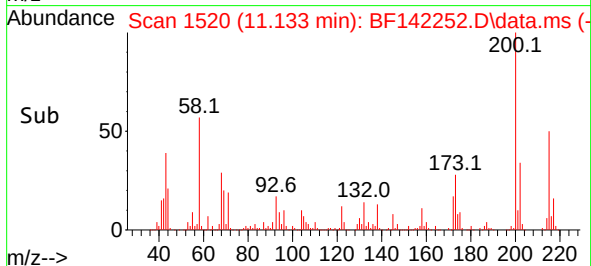
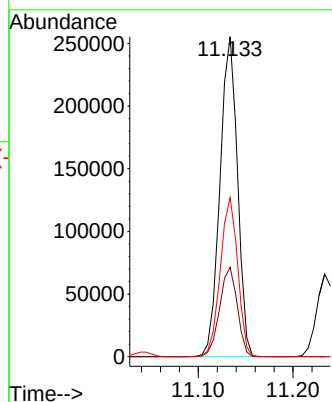
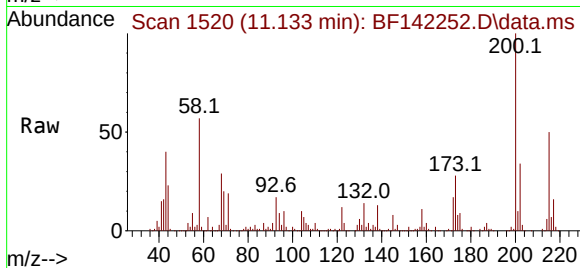
Tgt Ion:200 Resp: 327822

Ion Ratio Lower Upper

200 100

173 28.0 8.6 48.6

215 49.7 28.5 68.5



#70

Pentachlorophenol

Concen: 93.152 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

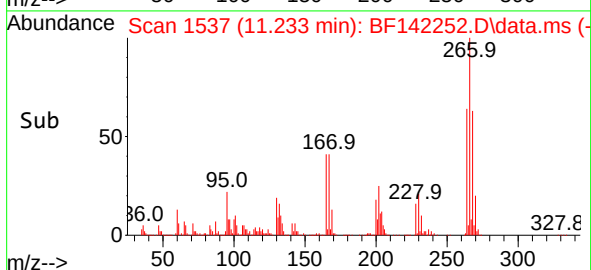
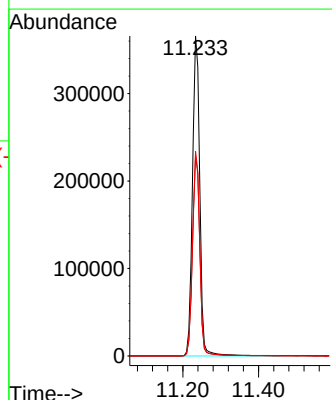
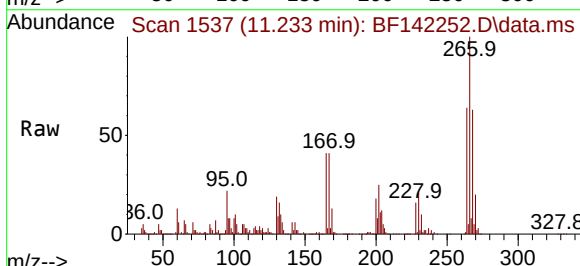
Tgt Ion:266 Resp: 491588

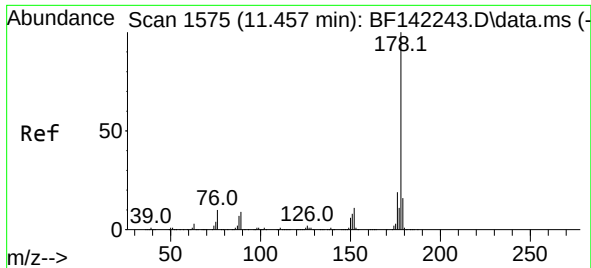
Ion Ratio Lower Upper

266 100

268 62.7 50.0 75.0

264 64.0 49.3 73.9

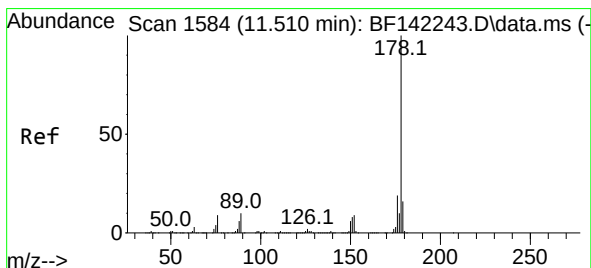
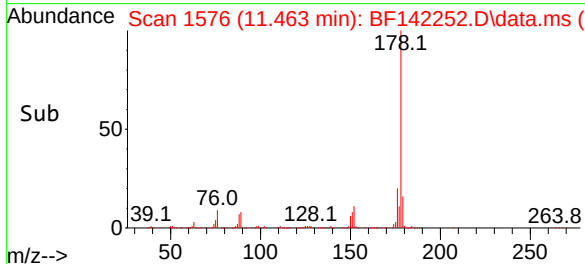
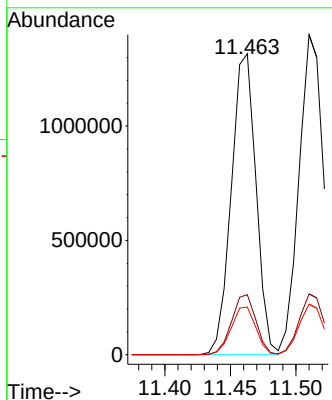
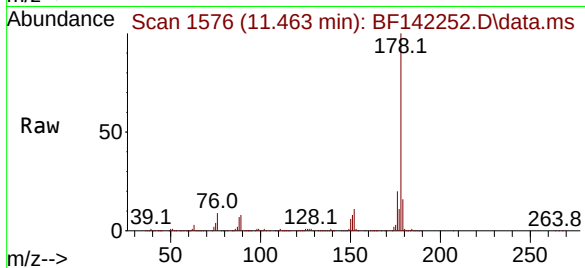




#71
Phenanthrene
Concen: 39.983 ng
RT: 11.463 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

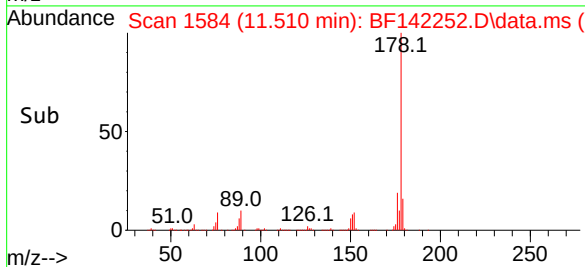
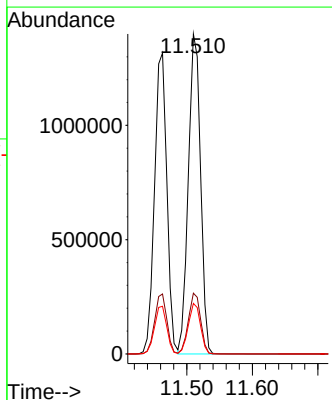
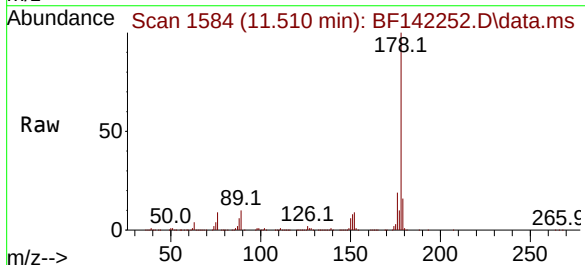
Instrument :
BNA_F
ClientSampleId :
PB167798BS

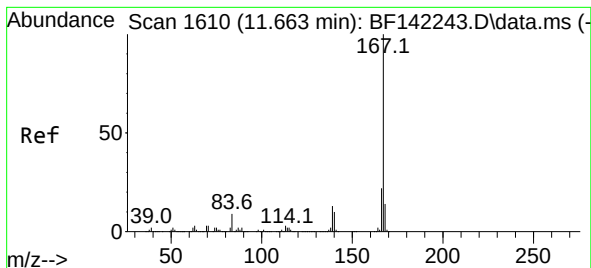
Tgt Ion:178 Resp: 1729683
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.8 12.6 19.0



#72
Anthracene
Concen: 40.920 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:178 Resp: 1809920
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.7 19.1





#73

Carbazole

Concen: 41.482 ng

RT: 11.663 min Scan# 1610

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

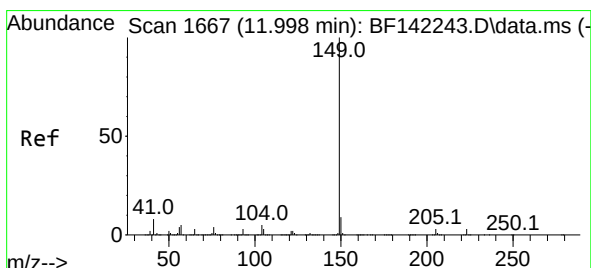
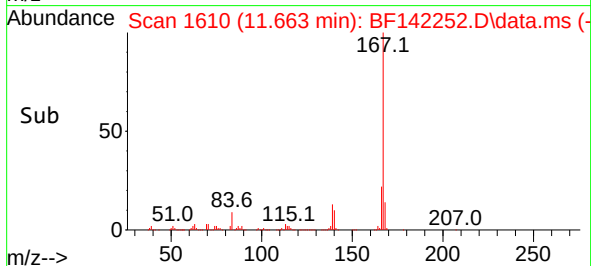
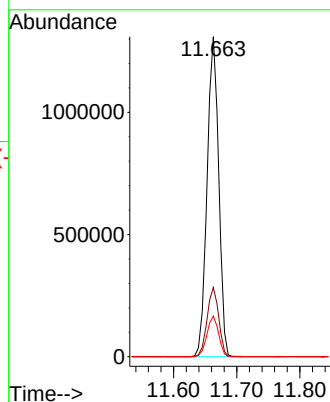
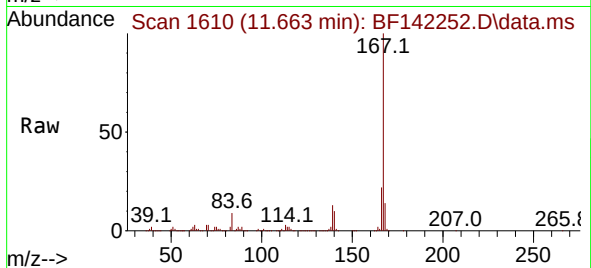
Tgt Ion:167 Resp: 1673738

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 45.166 ng

RT: 11.998 min Scan# 1667

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

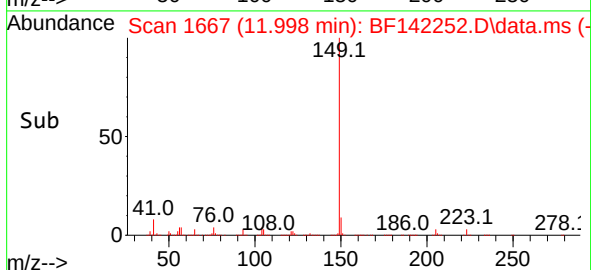
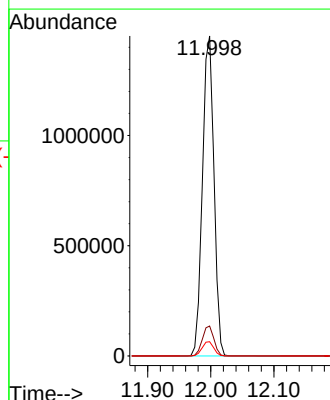
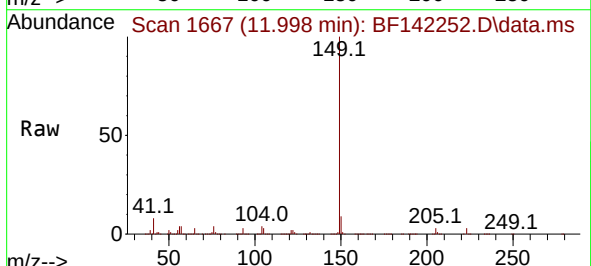
Tgt Ion:149 Resp: 1832830

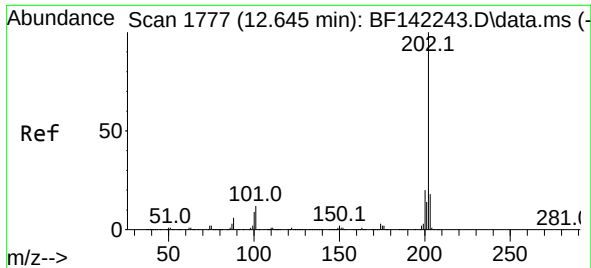
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.5 3.6 5.4

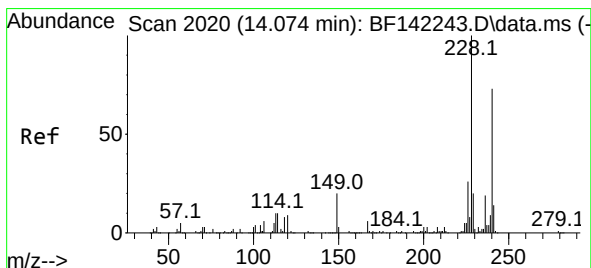
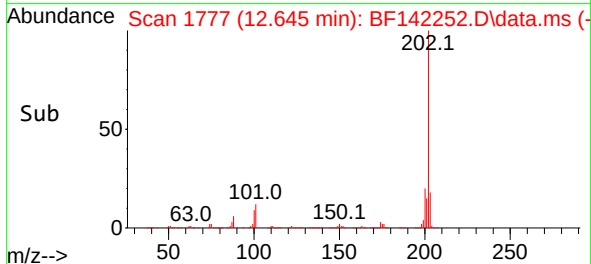
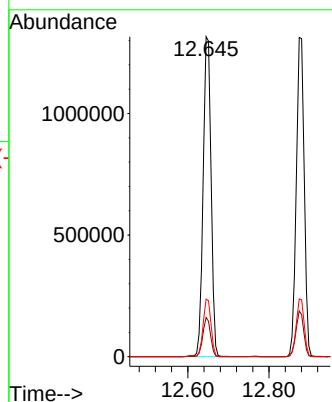
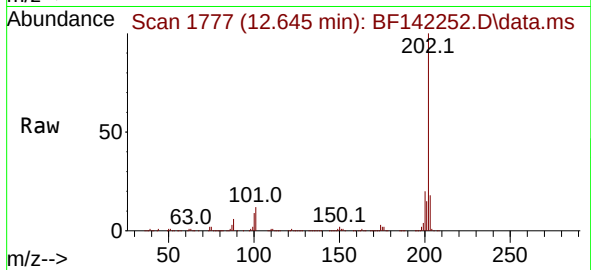




#75
Fluoranthene
Concen: 41.876 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

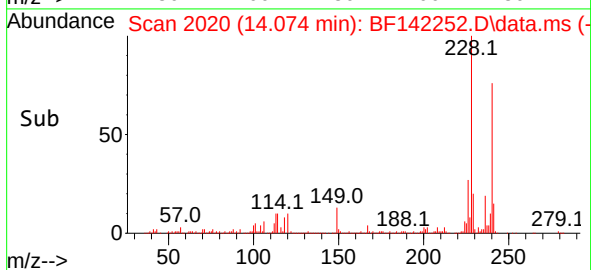
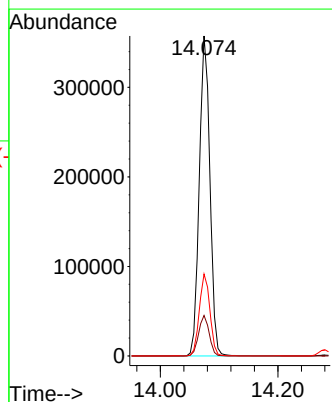
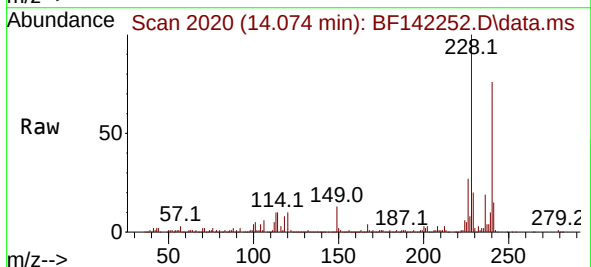
Instrument :
BNA_F
ClientSampleId :
PB167798BS

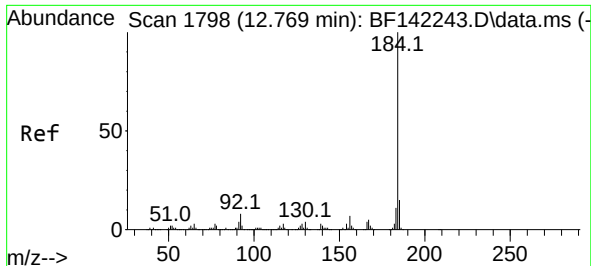
Tgt Ion:202 Resp: 1790811
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.4
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:240 Resp: 447227
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 25.6 20.5 30.7

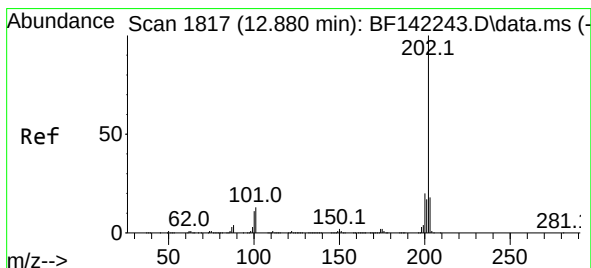
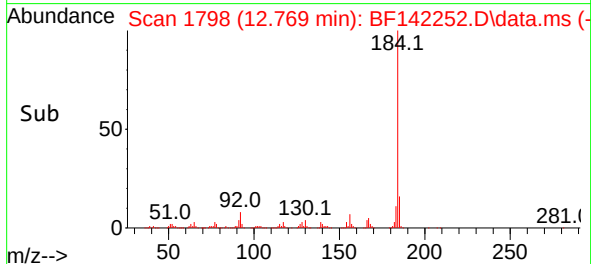
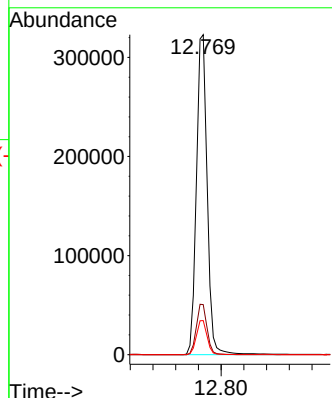
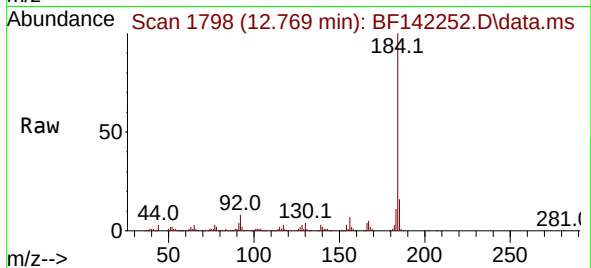




#77
Benzidine
Concen: 22.492 ng
RT: 12.769 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

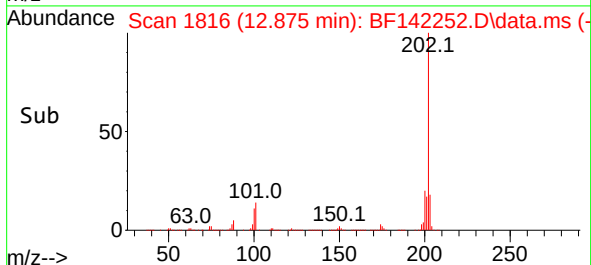
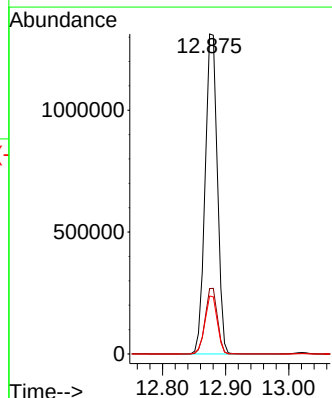
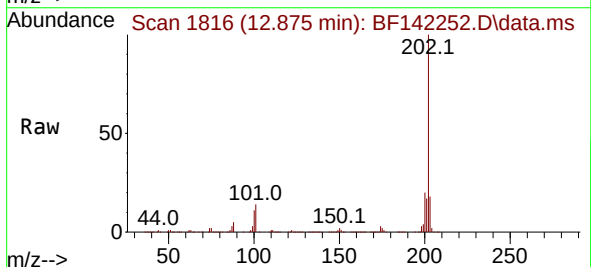
Instrument :
BNA_F
ClientSampleId :
PB167798BS

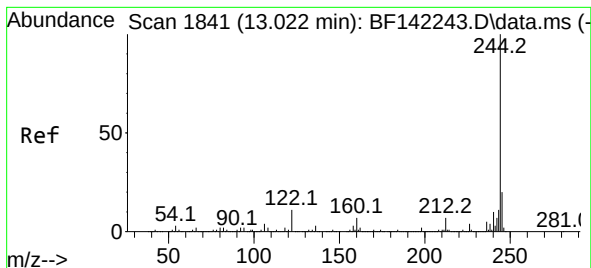
Tgt Ion:184 Resp: 427420
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 10.7 8.9 13.3



#78
Pyrene
Concen: 42.897 ng
RT: 12.875 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:202 Resp: 1769704
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 73.507 ng

RT: 13.022 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

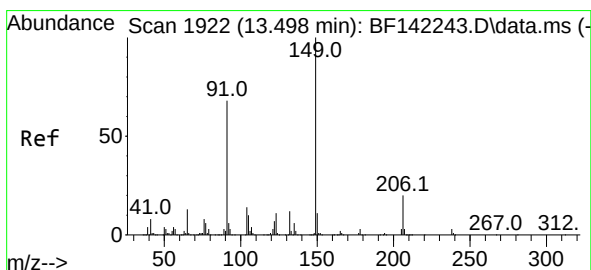
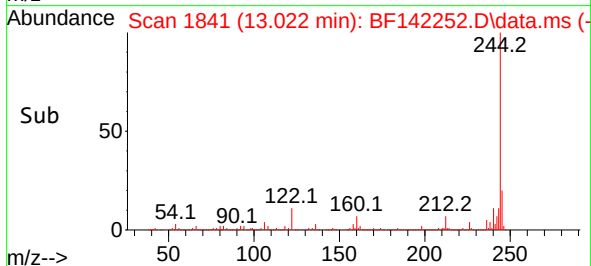
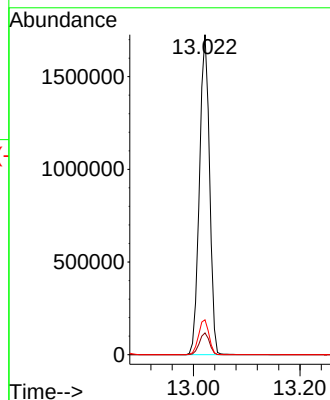
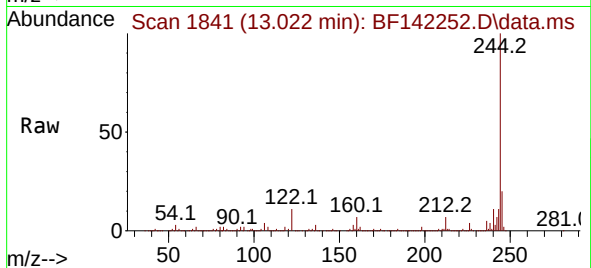
Tgt Ion:244 Resp: 2260338

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 10.9 9.1 13.7



#80

Butylbenzylphthalate

Concen: 45.305 ng

RT: 13.498 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

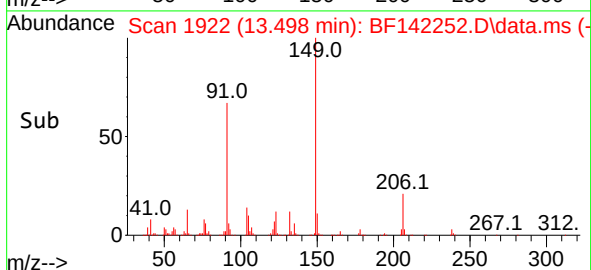
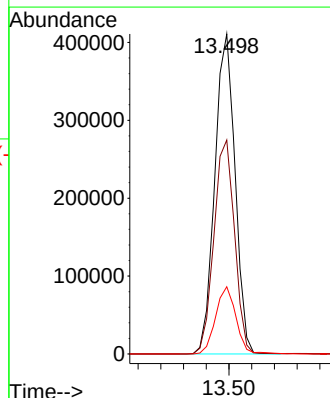
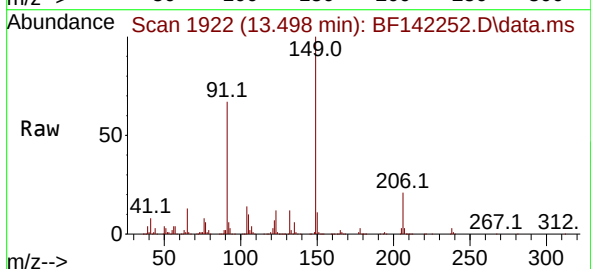
Tgt Ion:149 Resp: 508489

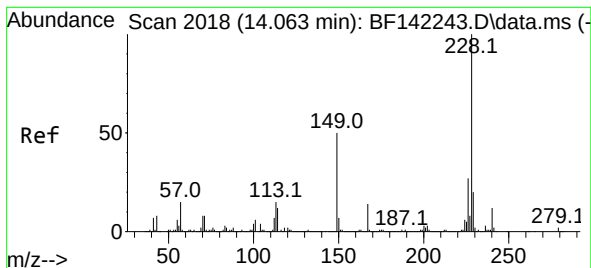
Ion Ratio Lower Upper

149 100

91 66.9 54.4 81.6

206 21.0 15.9 23.9





#81

Benzo(a)anthracene

Concen: 41.178 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

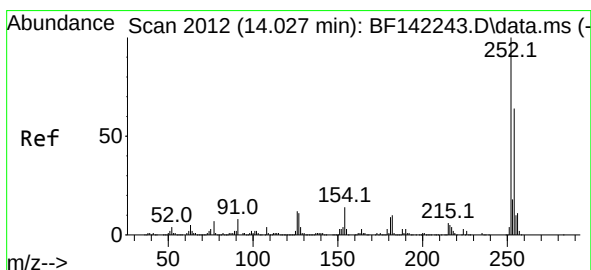
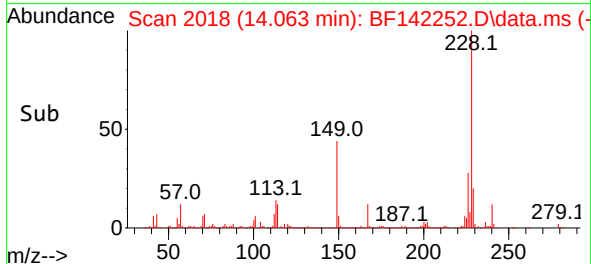
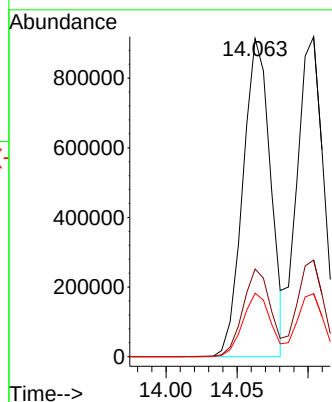
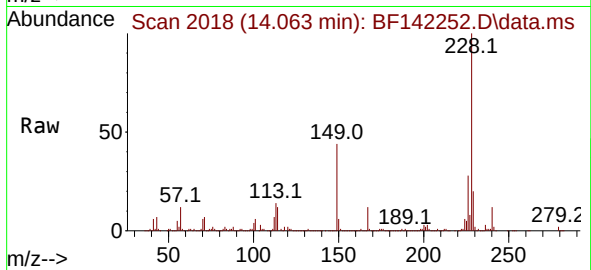
Tgt Ion:228 Resp: 1236291

Ion Ratio Lower Upper

228 100

226 27.6 21.9 32.9

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 11.657 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

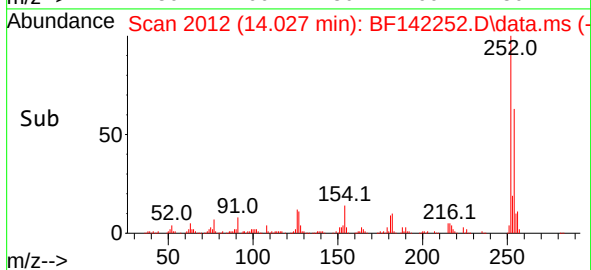
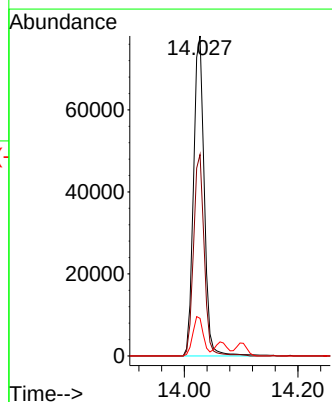
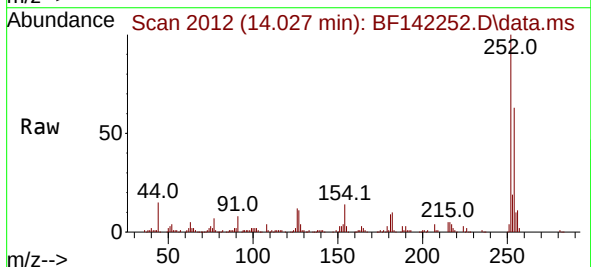
Tgt Ion:252 Resp: 102802

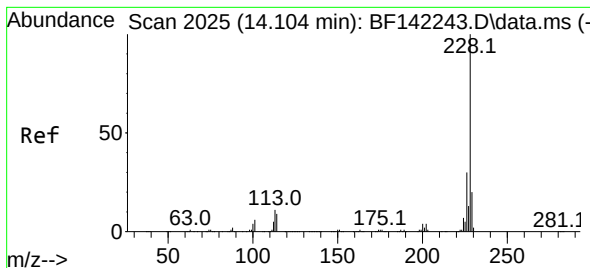
Ion Ratio Lower Upper

252 100

254 63.0 51.0 76.6

126 11.7 9.4 14.2





#83

Chrysene

Concen: 43.597 ng

RT: 14.104 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

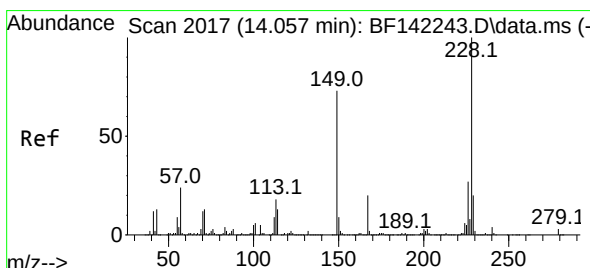
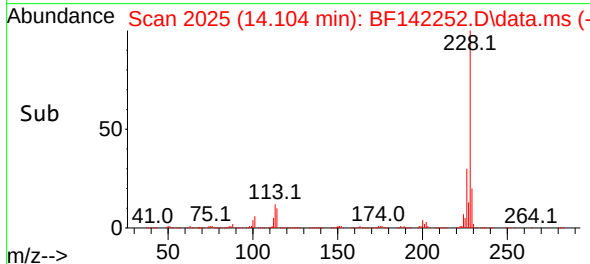
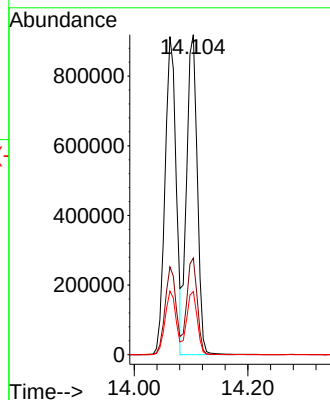
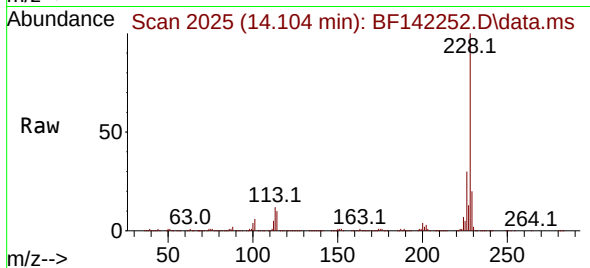
Tgt Ion:228 Resp: 1191462

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.842 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

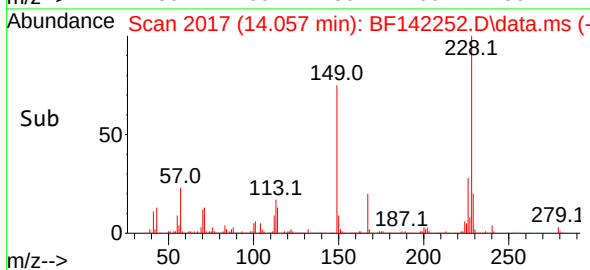
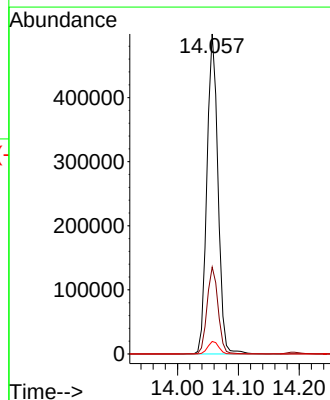
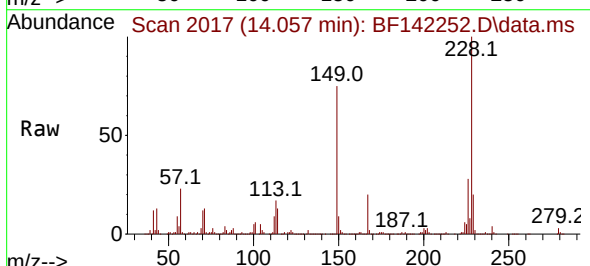
Tgt Ion:149 Resp: 629446

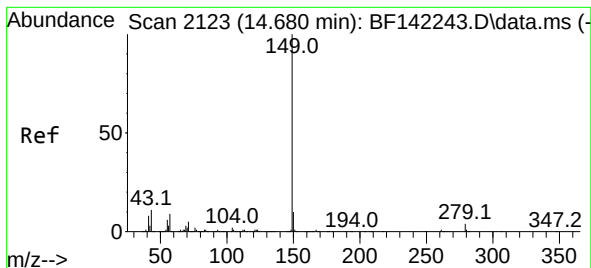
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 41.045 ng

RT: 14.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

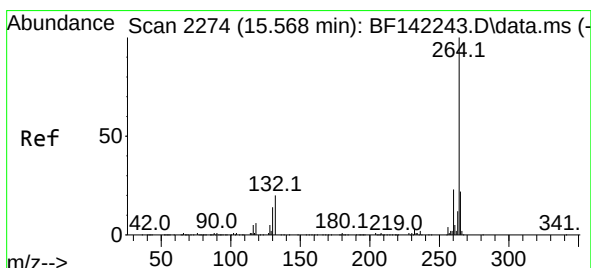
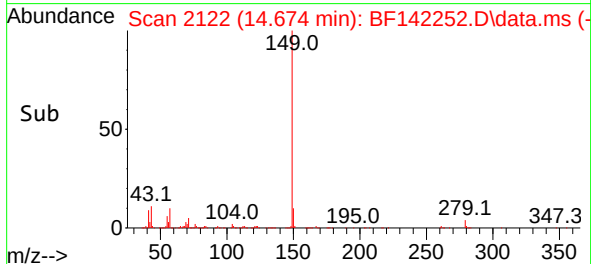
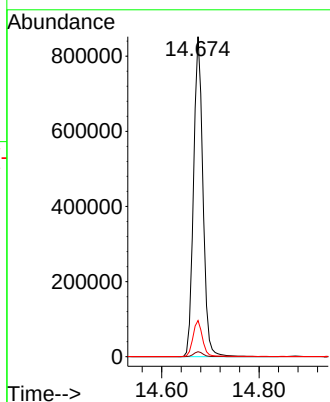
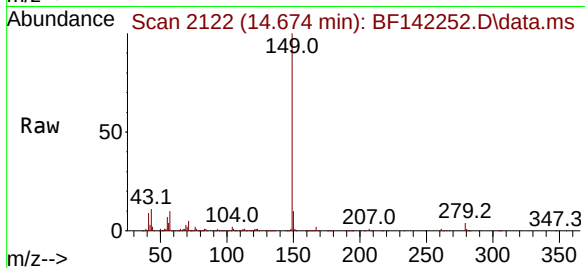
Tgt Ion:149 Resp: 1146731

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: BF142252.D

Acq: 01 May 2025 11:13

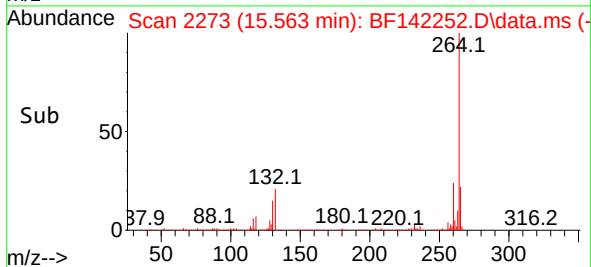
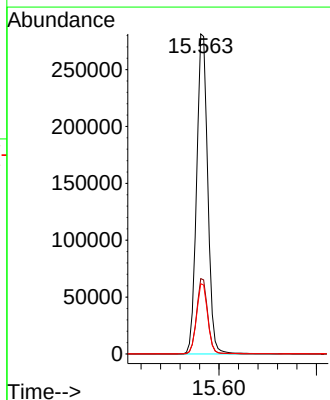
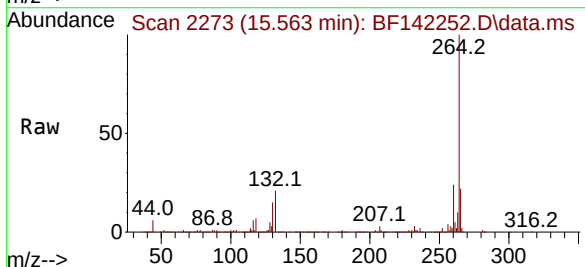
Tgt Ion:264 Resp: 448663

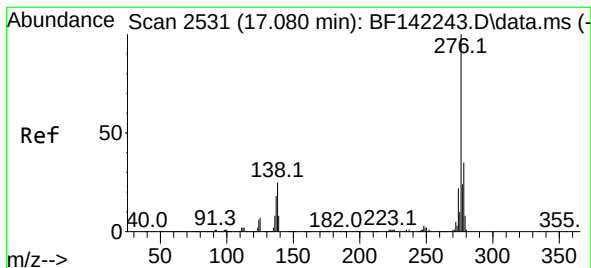
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.153 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

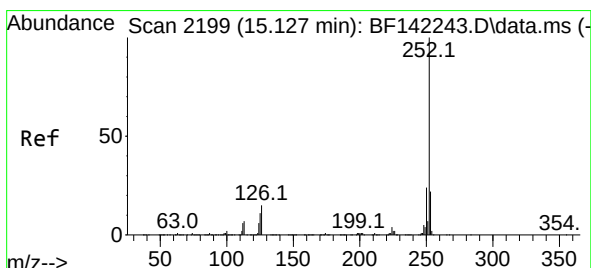
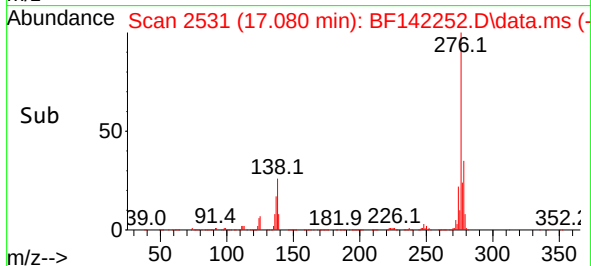
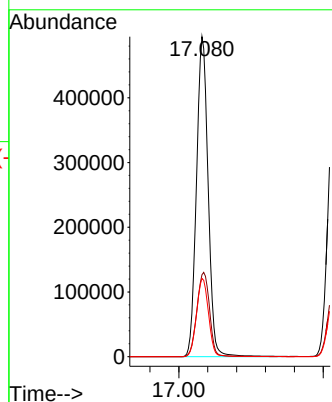
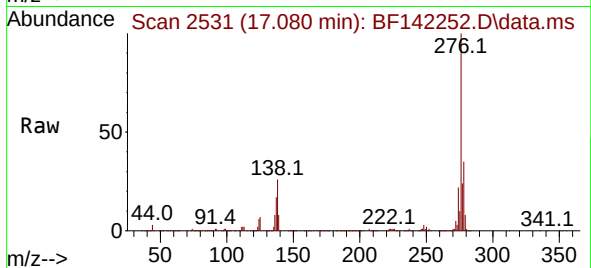
Tgt Ion:276 Resp: 1385292

Ion Ratio Lower Upper

276 100

138 28.6 22.6 33.8

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 44.141 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

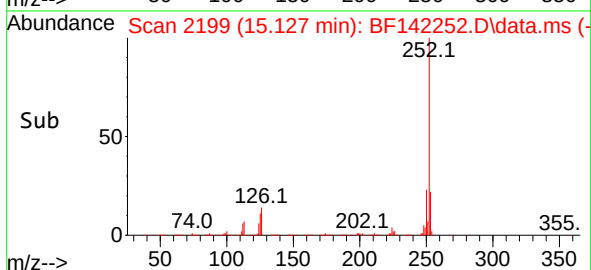
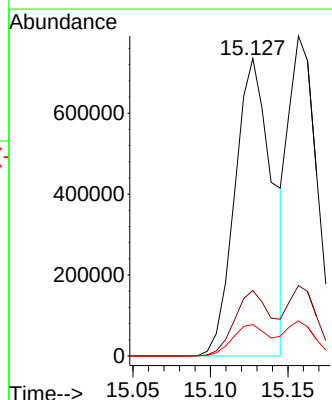
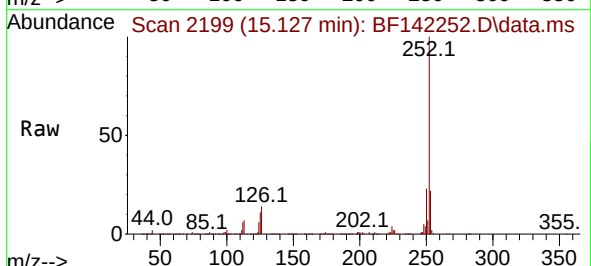
Tgt Ion:252 Resp: 1230162

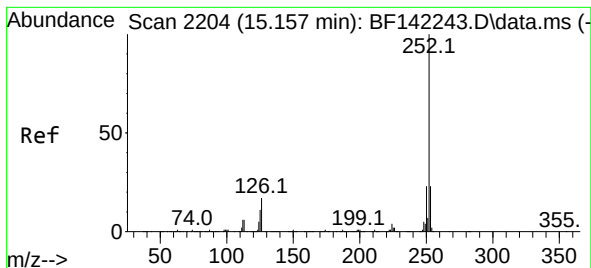
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.6 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 39.692 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB167798BS

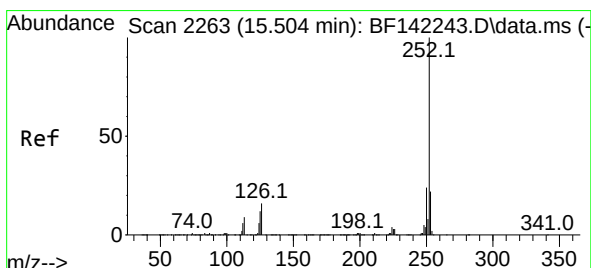
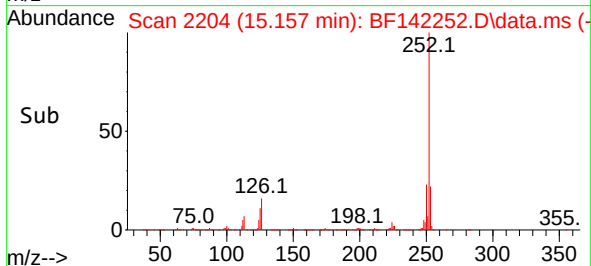
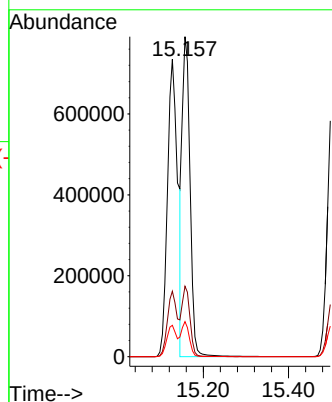
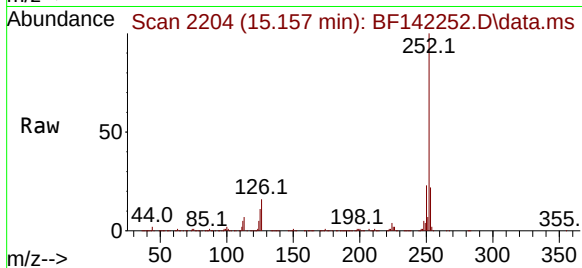
Tgt Ion:252 Resp: 1011794

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 10.9 9.0 13.6



#90

Benzo(a)pyrene

Concen: 42.542 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

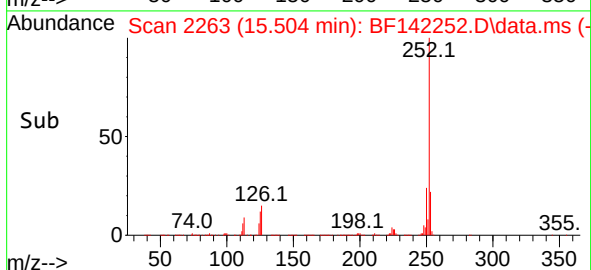
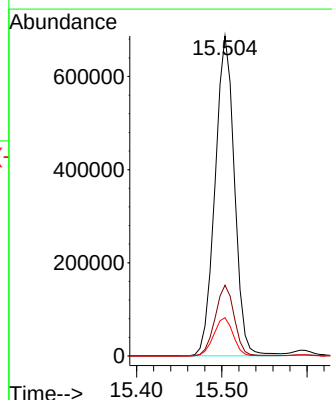
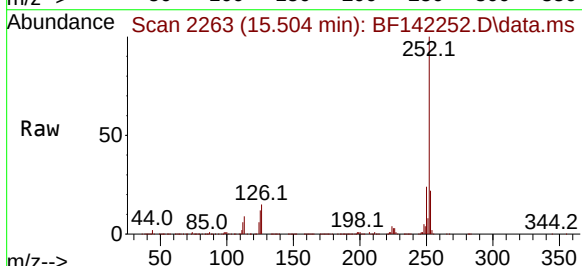
Tgt Ion:252 Resp: 1085464

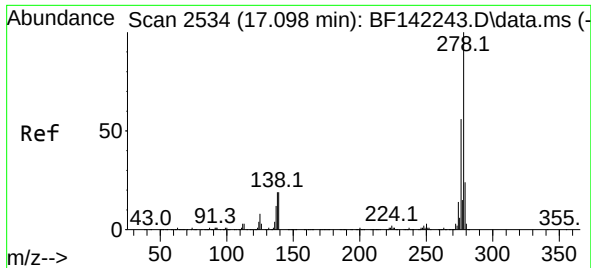
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 12.0 9.5 14.3

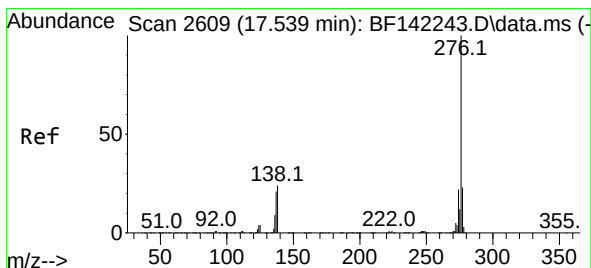
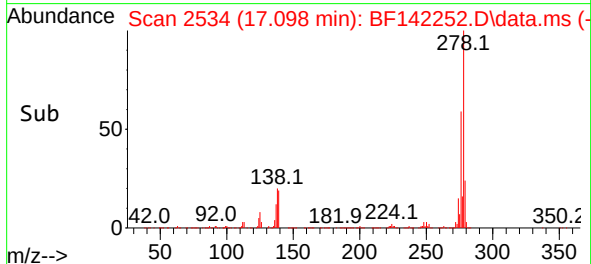
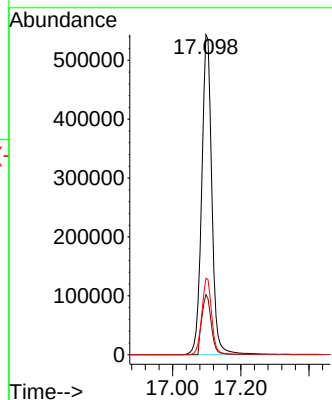
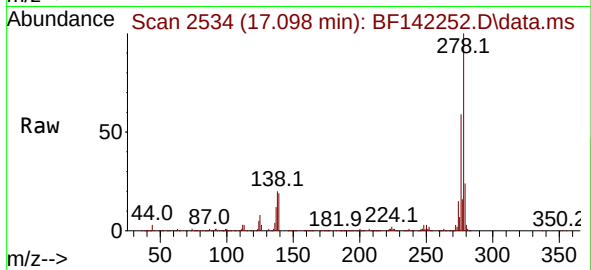




#91
 Dibenzo(a,h)anthracene
 Concen: 42.272 ng
 RT: 17.098 min Scan# 2534
 Delta R.T. -0.000 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

Instrument :
 BNA_F
 ClientSampleId :
 PB167798BS

Tgt Ion:278 Resp: 1127475
 Ion Ratio Lower Upper
 278 100
 139 18.8 15.2 22.8
 279 23.9 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 41.996 ng
 RT: 17.539 min Scan# 2609
 Delta R.T. -0.000 min
 Lab File: BF142252.D
 Acq: 01 May 2025 11:13

Tgt Ion:276 Resp: 1126050
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.7 28.1
 138 24.7 19.4 29.0

