

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140684.D
 Acq On : 02 Dec 2024 11:49
 Operator : RC/JU
 Sample : PB165296BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165296BSD

Quant Time: Dec 02 12:08:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	80604	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	308077	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	176945	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	364189	20.000	ng	0.00
76) Chrysene-d12	14.057	240	185704	20.000	ng	0.00
86) Perylene-d12	15.574	264	166131	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	692805	146.652	ng	0.01
7) Phenol-d6	6.516	99	903376	144.646	ng	0.00
23) Nitrobenzene-d5	7.434	82	582394	96.695	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	281210	148.597	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1132946	95.398	ng	0.00
79) Terphenyl-d14	12.986	244	1210322	101.486	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	93239	46.942	ng	98
3) Pyridine	3.504	79	230611	52.769	ng	99
4) n-Nitrosodimethylamine	3.457	42	127737	49.732	ng	93
6) Aniline	6.534	93	219946	50.035	ng	# 80
8) 2-Chlorophenol	6.663	128	280150	55.121	ng	95
9) Benzaldehyde	6.422	77	109584	33.145	ng	99
10) Phenol	6.528	94	346438	54.316	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	257628	52.785	ng	99
12) 1,3-Dichlorobenzene	6.810	146	292210	51.167	ng	98
13) 1,4-Dichlorobenzene	6.886	146	295568	51.114	ng	100
14) 1,2-Dichlorobenzene	7.039	146	280995	51.859	ng	99
15) Benzyl Alcohol	7.016	79	256161	55.307	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	321414	55.742	ng	88
17) 2-Methylphenol	7.134	107	220077	54.093	ng	96
18) Hexachloroethane	7.381	117	109807	50.844	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	192068	52.036	ng	98
20) 3+4-Methylphenols	7.286	107	284988	54.497	ng	# 89
22) Acetophenone	7.281	105	378802	50.435	ng	98
24) Nitrobenzene	7.457	77	305048	49.004	ng	97
25) Isophorone	7.692	82	527648	52.524	ng	100
26) 2-Nitrophenol	7.769	139	148127	53.696	ng	96
27) 2,4-Dimethylphenol	7.804	122	222294	67.349	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	319108	52.142	ng	100
29) 2,4-Dichlorophenol	8.016	162	235599	53.869	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	242992	48.660	ng	99
31) Naphthalene	8.175	128	813708	51.278	ng	99
32) Benzoic acid	7.945	122	124745	44.116	ng	97
33) 4-Chloroaniline	8.222	127	120649	25.394	ng	98
34) Hexachlorobutadiene	8.286	225	160950	48.661	ng	99
35) Caprolactam	8.598	113	51661	38.169	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	261939	53.492	ng	97
37) 2-Methylnaphthalene	8.863	142	535775	53.157	ng	99
38) 1-Methylnaphthalene	8.963	142	501861	50.798	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	262079	50.594	ng	99
41) Hexachlorocyclopentadiene	9.016	237	210973	171.968	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	164699	50.670	ng	98

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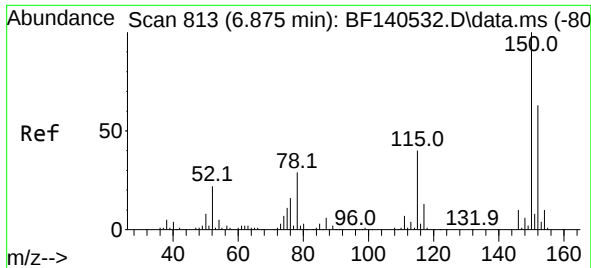
Quant Time: Dec 02 12:08:43 2024
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 QLast Update : Thu Nov 21 15:23:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	180576	51.189	ng	96
46) 1,1'-Biphenyl	9.328	154	675689	51.146	ng	100
47) 2-Chloronaphthalene	9.357	162	508079	50.756	ng	98
48) 2-Nitroaniline	9.457	65	164563	51.217	ng	93
49) Acenaphthylene	9.769	152	830309	54.898	ng	100
50) Dimethylphthalate	9.627	163	608324	52.201	ng	100
51) 2,6-Dinitrotoluene	9.698	165	134865	51.028	ng	92
52) Acenaphthene	9.945	154	503250	52.367	ng	99
53) 3-Nitroaniline	9.869	138	81650	31.587	ng	95
54) 2,4-Dinitrophenol	9.986	184	124419	89.831	ng	93
55) Dibenzofuran	10.116	168	765188	52.201	ng	99
56) 4-Nitrophenol	10.045	139	171875	97.495	ng	93
57) 2,4-Dinitrotoluene	10.104	165	184382	52.492	ng	98
58) Fluorene	10.457	166	614046	52.188	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	157484	58.088	ng	92
60) Diethylphthalate	10.327	149	610240	51.540	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	297755	51.566	ng	99
62) 4-Nitroaniline	10.486	138	143529	52.941	ng	91
63) Azobenzene	10.610	77	594144	52.989	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	97268	52.266	ng	96
66) n-Nitrosodiphenylamine	10.569	169	529399	49.155	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	181073	48.279	ng	97
68) Hexachlorobenzene	11.010	284	212351	48.897	ng	98
69) Atrazine	11.098	200	182419	60.208	ng	97
70) Pentachlorophenol	11.210	266	174089	91.080	ng	98
71) Phenanthrene	11.427	178	931722	53.222	ng	99
72) Anthracene	11.480	178	935656	54.639	ng	100
73) Carbazole	11.633	167	870701	52.854	ng	100
74) Di-n-butylphthalate	11.951	149	982036	51.635	ng	100
75) Fluoranthene	12.616	202	889820	46.815	ng	99
77) Benzidine	12.739	184	195942	36.291	ng	99
78) Pyrene	12.845	202	902064	52.535	ng	99
80) Butylbenzylphthalate	13.457	149	343875	55.593	ng	98
81) Benzo(a)anthracene	14.051	228	688198	55.984	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	117561	31.853	ng	98
83) Chrysene	14.086	228	616772	54.871	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	444208	56.873	ng	98
85) Di-n-octyl phthalate	14.662	149	662453	62.062	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	539894	49.867	ng	98
88) Benzo(b)fluoranthene	15.133	252	578953	55.482	ng	99
89) Benzo(k)fluoranthene	15.162	252	492833	53.971	ng	98
90) Benzo(a)pyrene	15.509	252	529910	62.457	ng	98
91) Dibenzo(a,h)anthracene	17.103	278	440710	49.705	ng	99
92) Benzo(g,h,i)perylene	17.551	276	445308	49.217	ng	98

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

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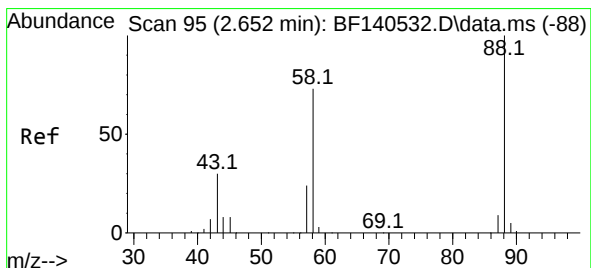
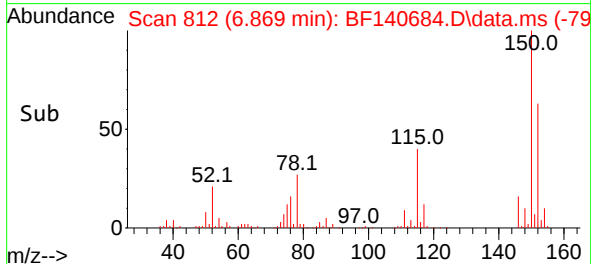
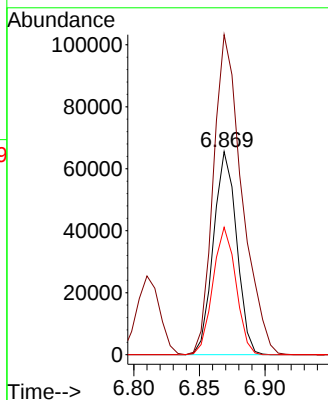
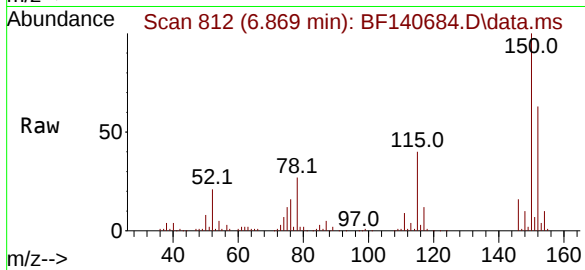




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140684.D
 Acq: 02 Dec 2024 11:49

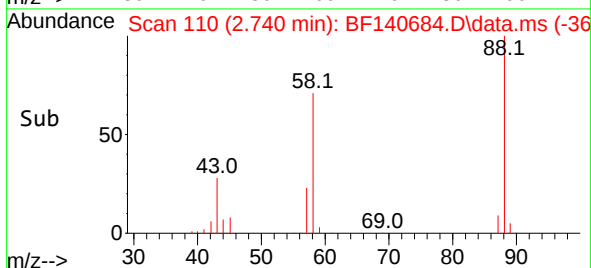
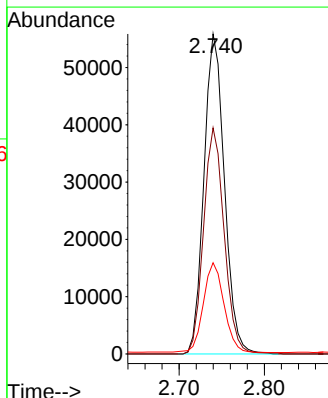
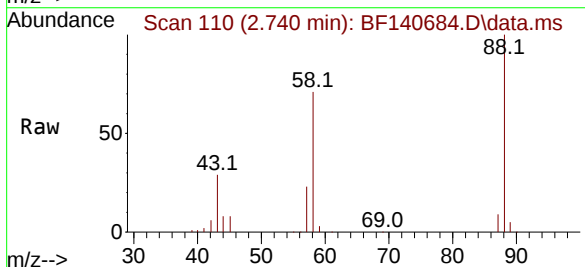
Instrument :
 BNA_F
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 PB165296BSD

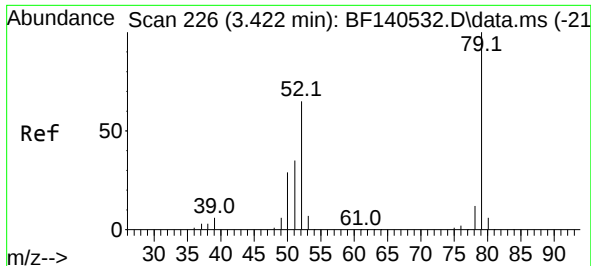
Tgt Ion:152 Resp: 80604
 Ion Ratio Lower Upper
 152 100
 150 157.6 128.5 192.7
 115 62.7 50.2 75.4



#2
 1,4-Dioxane
 Concen: 46.942 ng
 RT: 2.740 min Scan# 110
 Delta R.T. 0.088 min
 Lab File: BF140684.D
 Acq: 02 Dec 2024 11:49

Tgt Ion: 88 Resp: 93239
 Ion Ratio Lower Upper
 88 100
 58 71.1 57.4 86.2
 43 28.3 24.3 36.5





#3

Pyridine

Concen: 52.769 ng

RT: 3.504 min Scan# 240

Delta R.T. 0.082 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

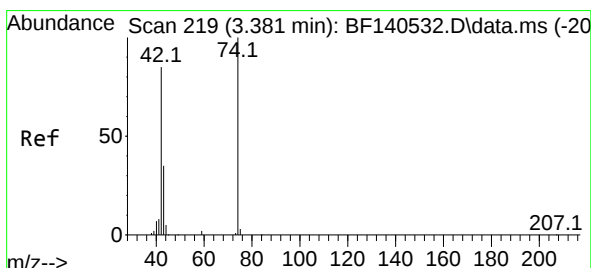
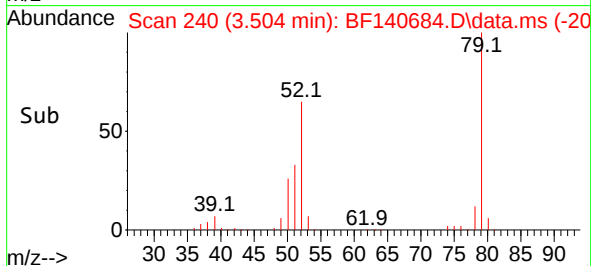
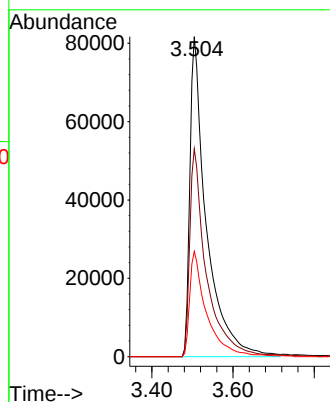
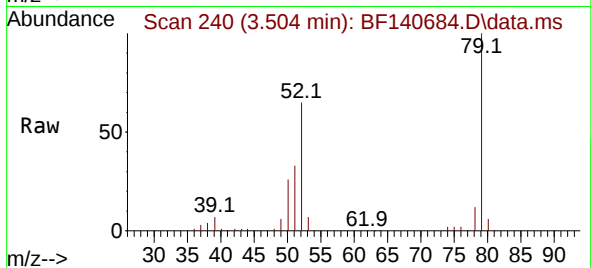
Tgt Ion: 79 Resp: 230611

Ion Ratio Lower Upper

79 100

52 64.9 52.1 78.1

51 32.9 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 49.732 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.076 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

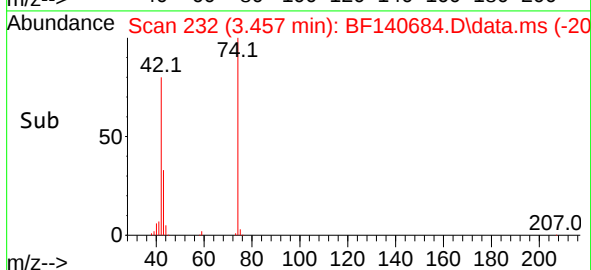
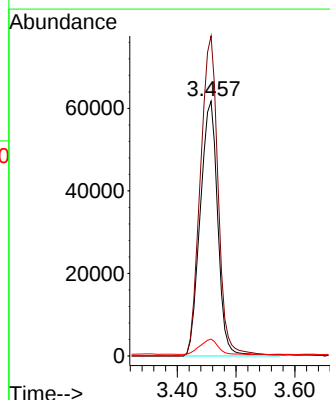
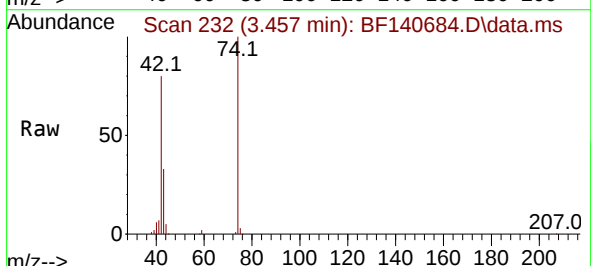
Tgt Ion: 42 Resp: 127737

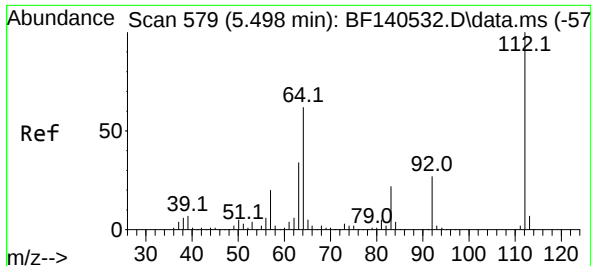
Ion Ratio Lower Upper

42 100

74 125.7 93.8 140.6

44 6.6 4.6 6.8

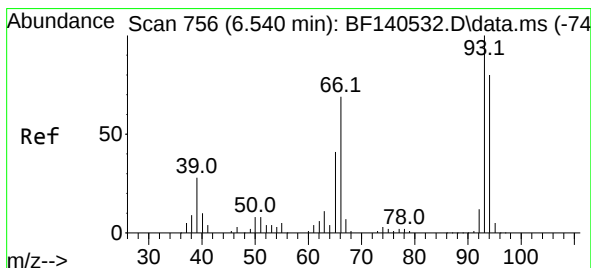
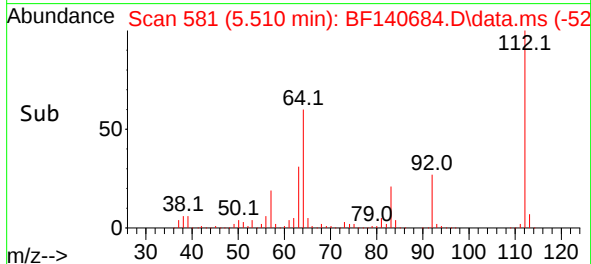
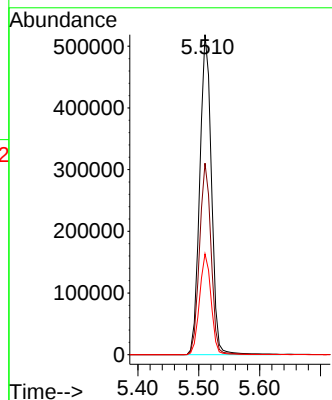
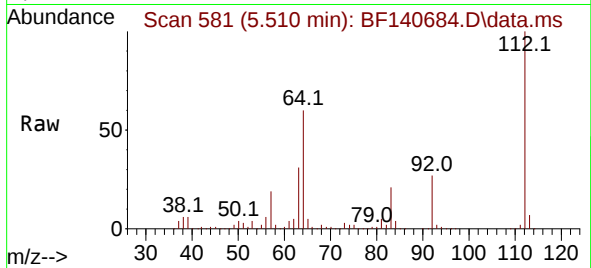




#5
2-Fluorophenol
Concen: 146.652 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

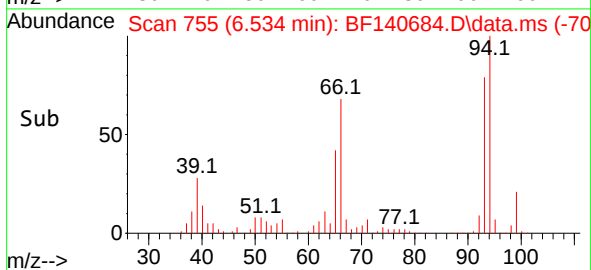
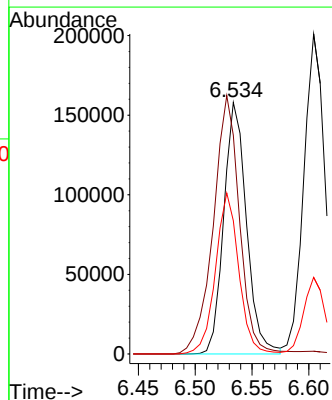
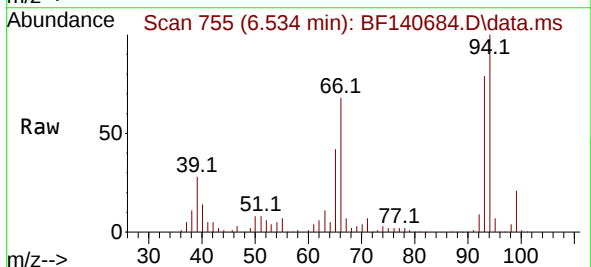
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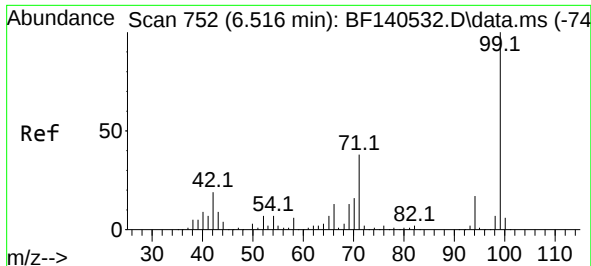
Tgt Ion:112 Resp: 692805
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 31.5 27.0 40.4



#6
Aniline
Concen: 50.035 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion: 93 Resp: 219946
Ion Ratio Lower Upper
93 100
66 87.0 56.5 84.7#
65 53.0 32.9 49.3#

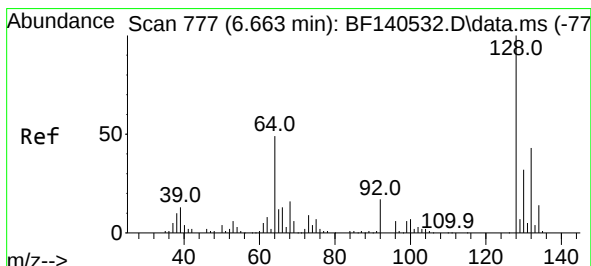
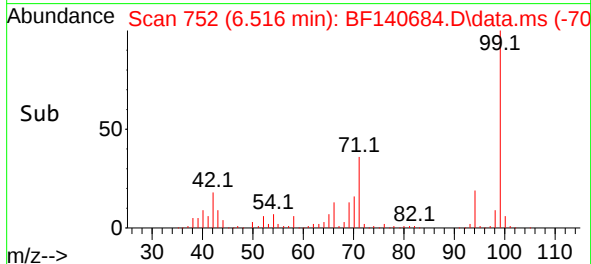
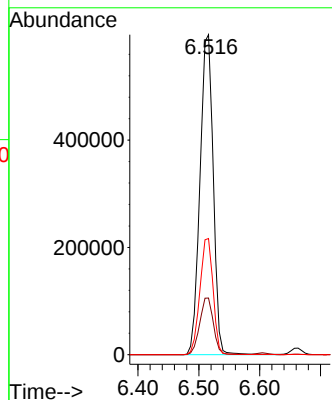
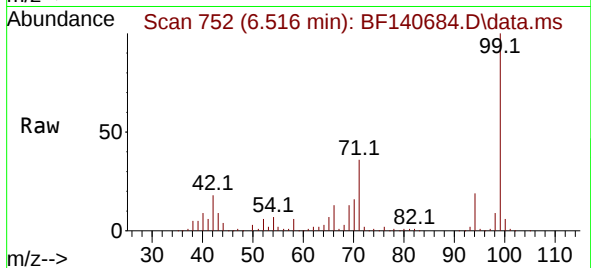




#7
Phenol-d6
Concen: 144.646 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

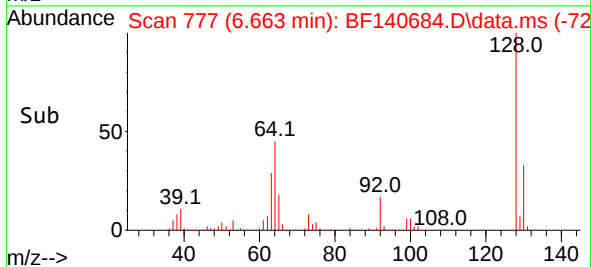
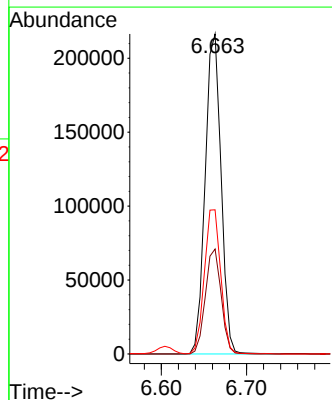
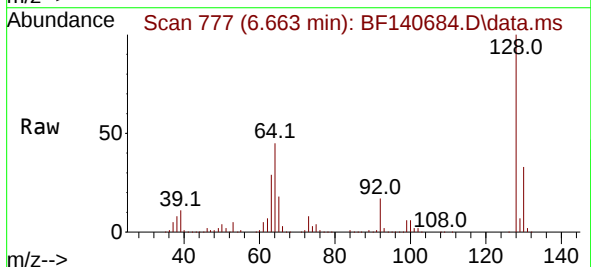
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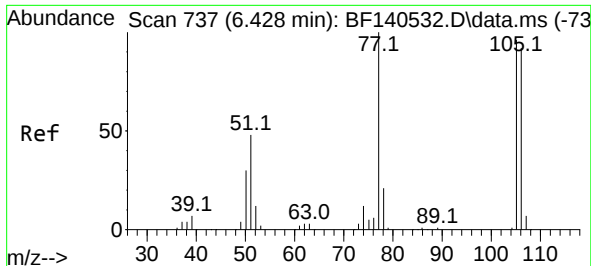
Tgt Ion: 99 Resp: 903376
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 36.3 30.6 46.0



#8
2-Chlorophenol
Concen: 55.121 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:128 Resp: 280150
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 45.1 30.2 70.2





#9

Benzaldehyde

Concen: 33.145 ng

RT: 6.422 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

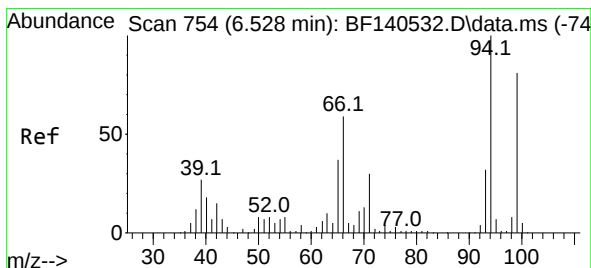
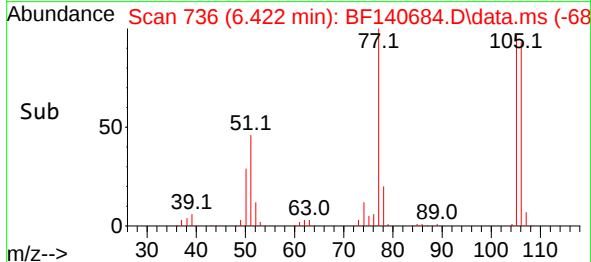
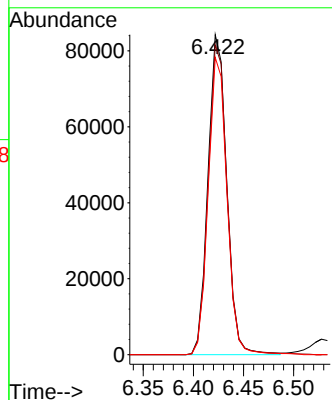
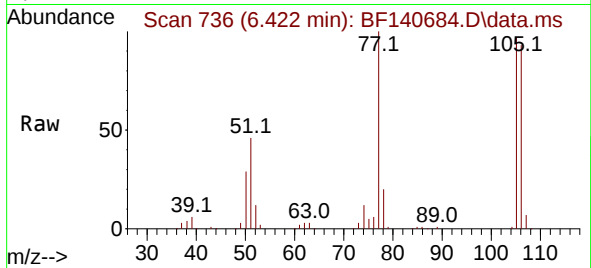
Tgt Ion: 77 Resp: 109584

Ion Ratio Lower Upper

77 100

105 96.8 75.6 115.6

106 92.9 72.0 112.0



#10

Phenol

Concen: 54.316 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

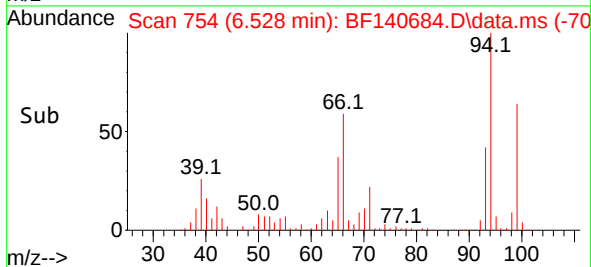
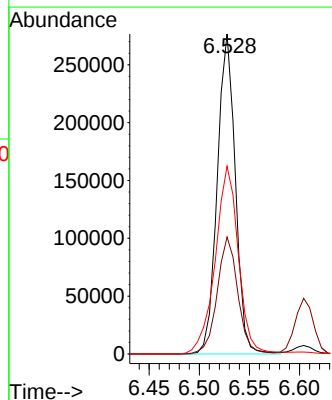
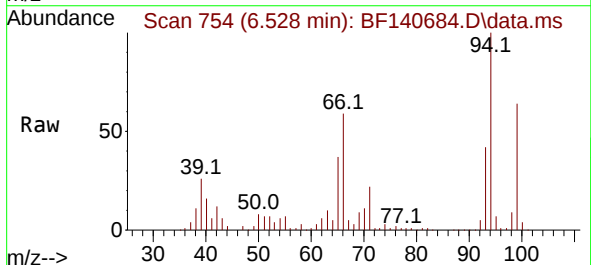
Tgt Ion: 94 Resp: 346438

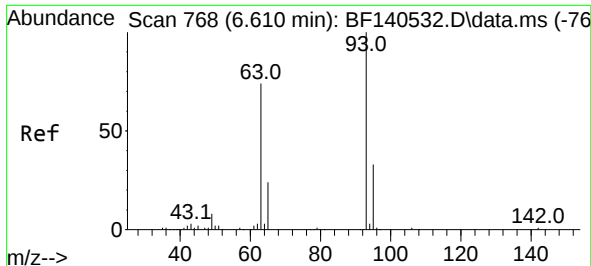
Ion Ratio Lower Upper

94 100

65 36.5 17.2 57.2

66 58.7 39.2 79.2

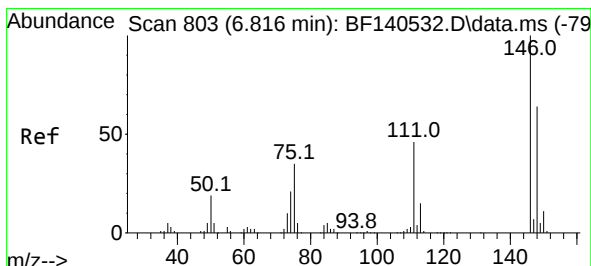
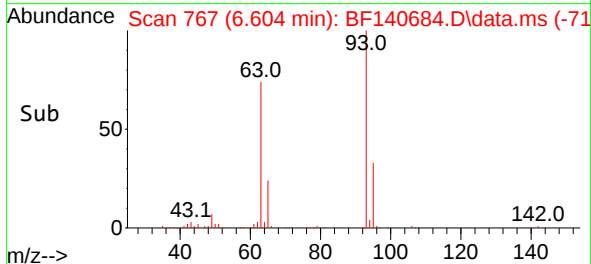
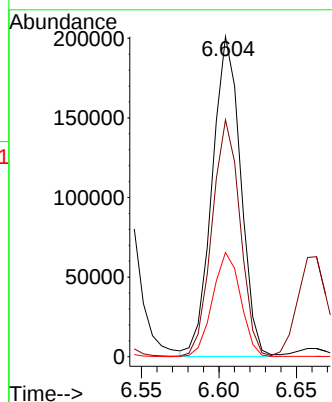
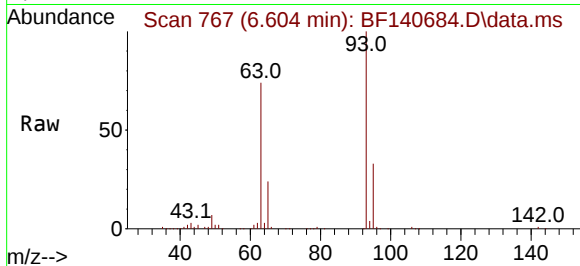




#11
bis(2-Chloroethyl)ether
Concen: 52.785 ng
RT: 6.604 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

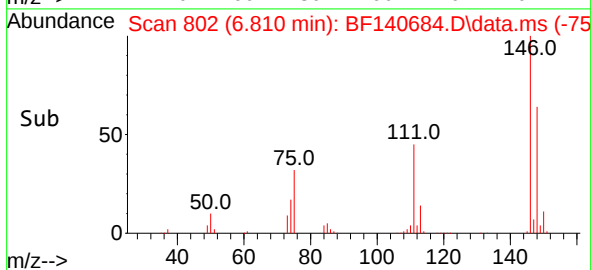
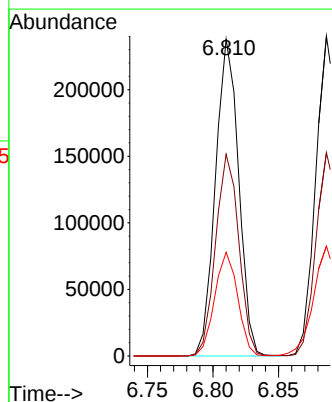
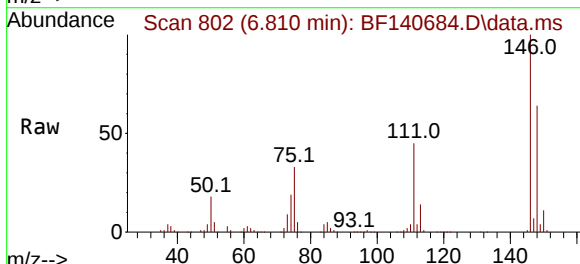
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

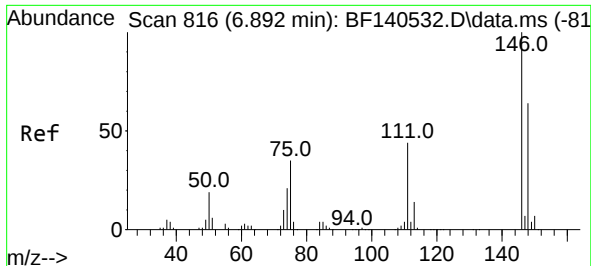
Tgt Ion: 93 Resp: 257628
Ion Ratio Lower Upper
93 100
63 74.0 52.8 92.8
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 51.167 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:146 Resp: 292210
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 32.7 28.2 42.2

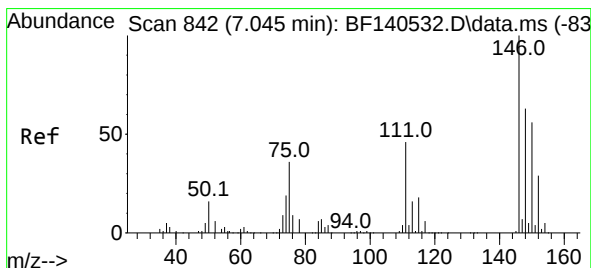
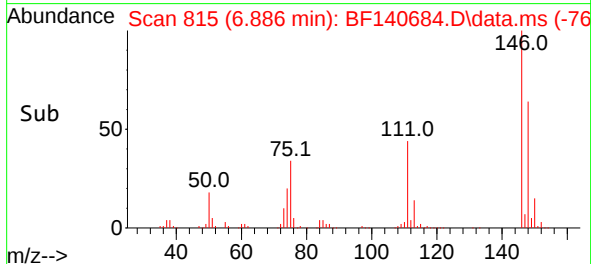
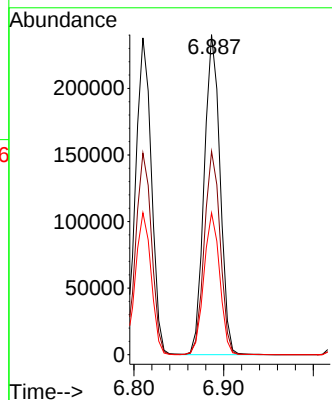
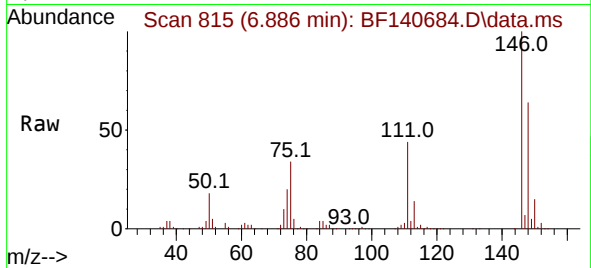




#13
1,4-Dichlorobenzene
Concen: 51.114 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

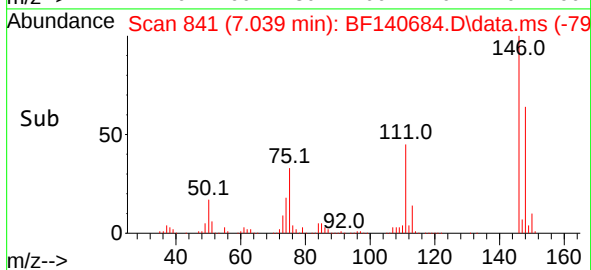
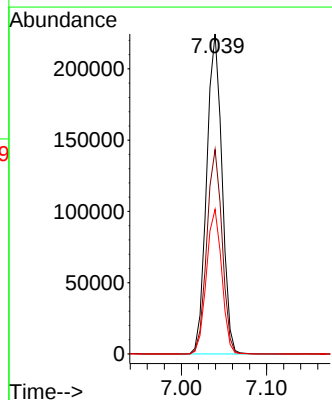
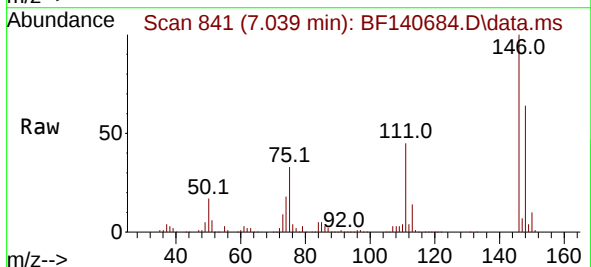
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

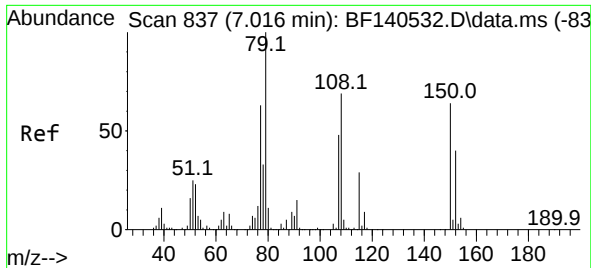
Tgt Ion:146 Resp: 295568
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 44.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 51.859 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:146 Resp: 280995
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 45.2 36.7 55.1

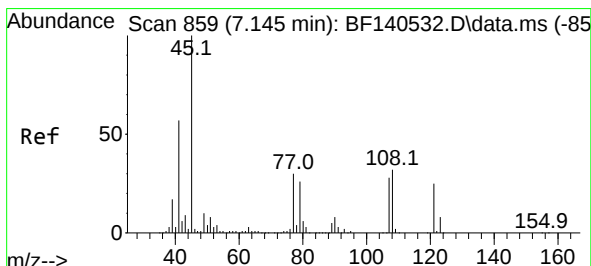
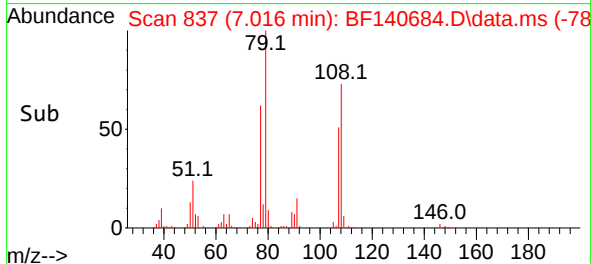
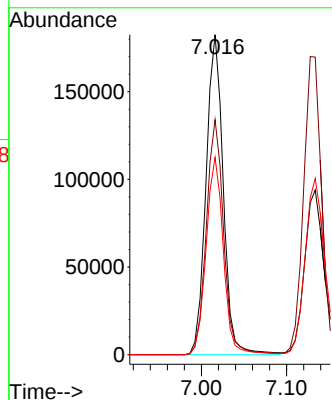
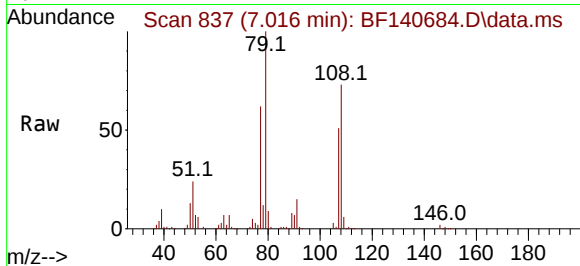




#15
Benzyl Alcohol
Concen: 55.307 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

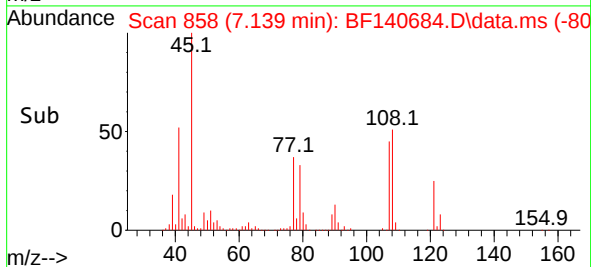
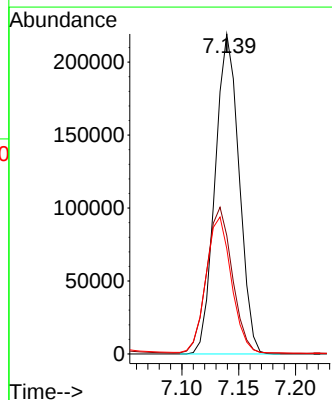
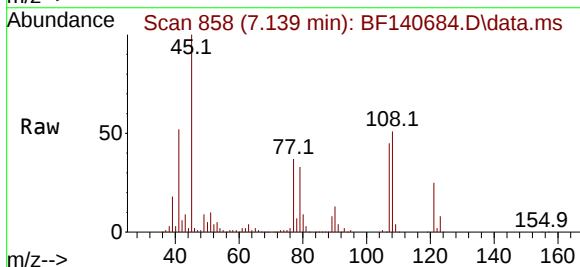
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

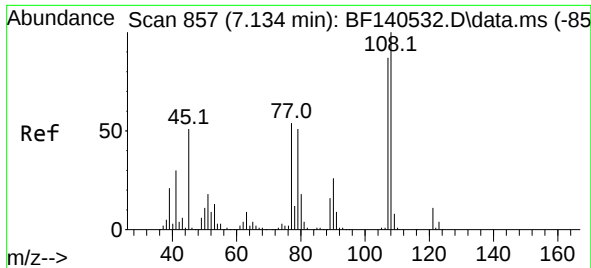
Tgt Ion: 79 Resp: 256161
Ion Ratio Lower Upper
79 100
108 73.5 55.0 82.6
77 61.7 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.742 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion: 45 Resp: 321414
Ion Ratio Lower Upper
45 100
77 37.0 10.7 50.7
79 33.0 7.0 47.0

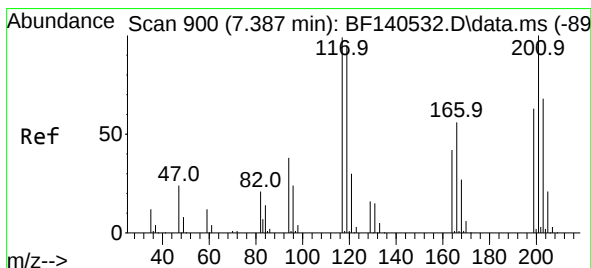
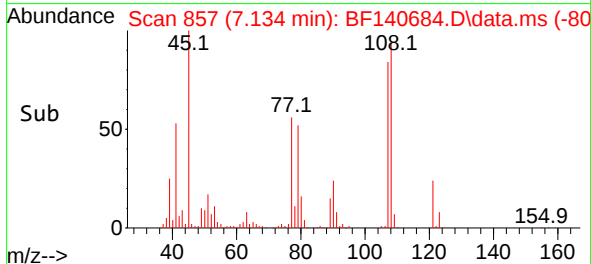
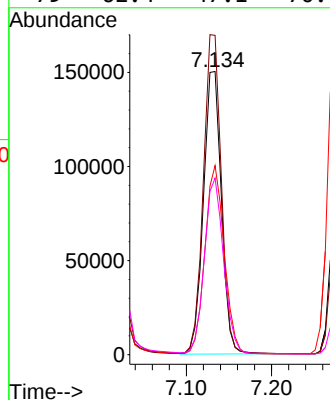
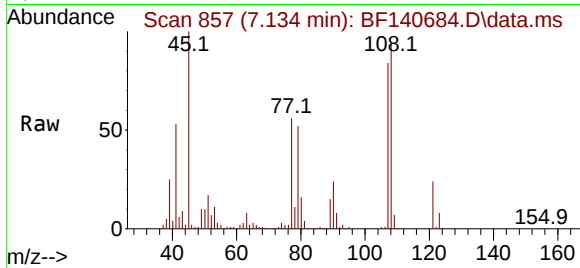




#17
2-Methylphenol
Concen: 54.093 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

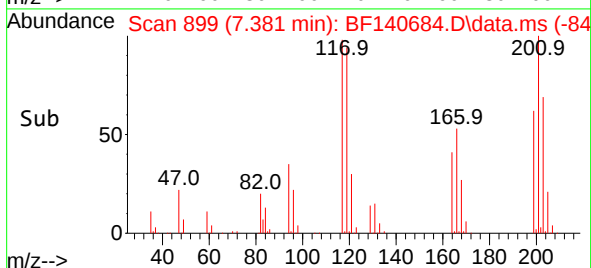
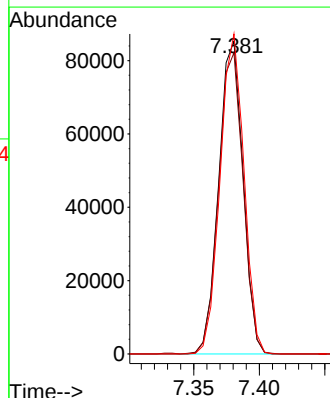
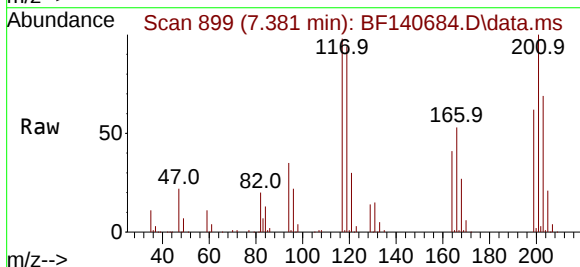
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

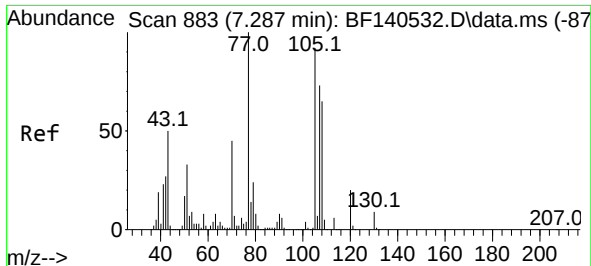
Tgt Ion:107 Resp: 220077
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 66.8 49.3 73.9
79 62.4 47.1 70.7



#18
Hexachloroethane
Concen: 50.844 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:117 Resp: 109807
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
201 102.4 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 52.036 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

Tgt Ion: 70 Resp: 192068

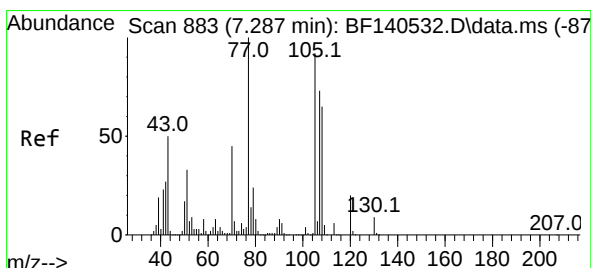
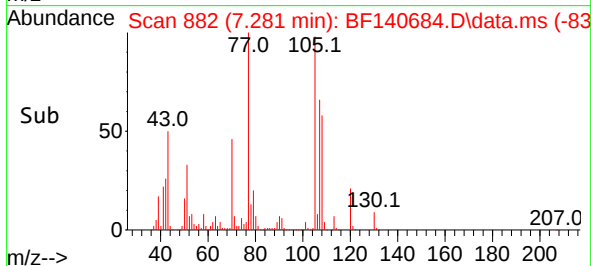
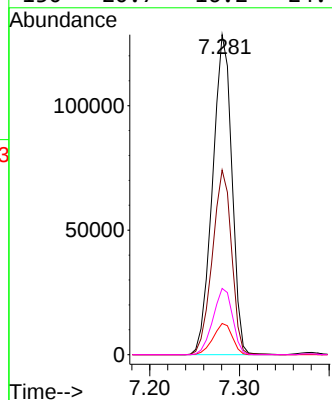
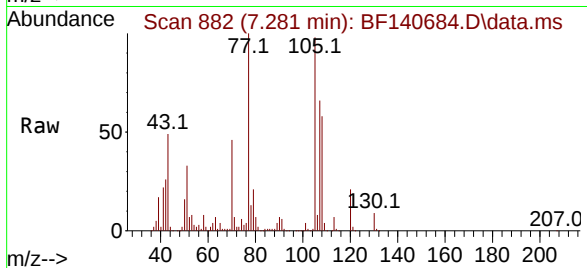
Ion Ratio Lower Upper

70 100

42 57.7 47.6 71.4

101 9.7 7.6 11.4

130 20.7 16.2 24.4



#20

3+4-Methylphenols

Concen: 54.497 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Tgt Ion:107 Resp: 284988

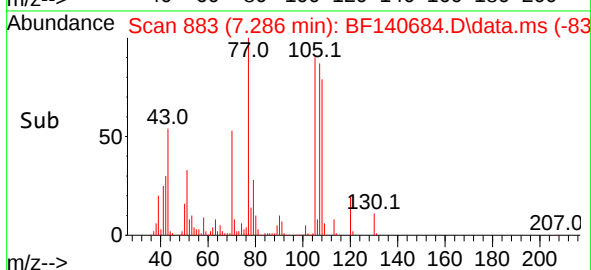
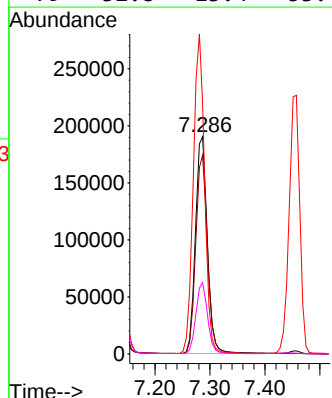
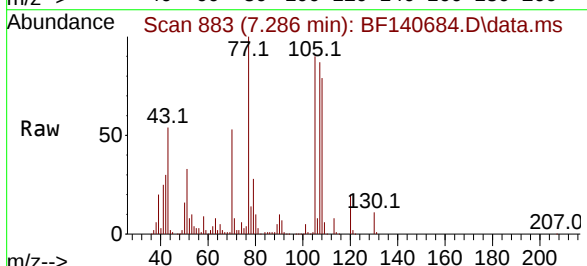
Ion Ratio Lower Upper

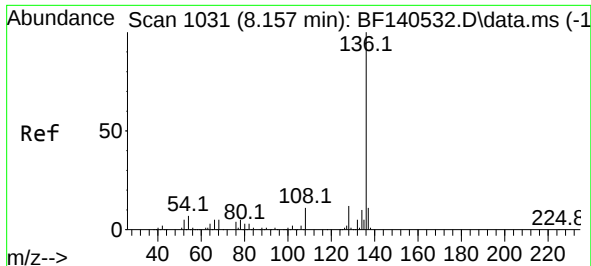
107 100

108 91.4 69.9 109.9

77 115.2 117.7 157.7#

79 32.8 13.4 53.4

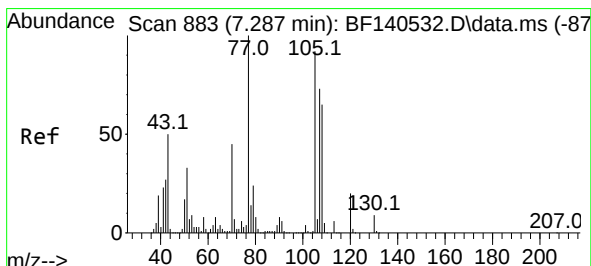
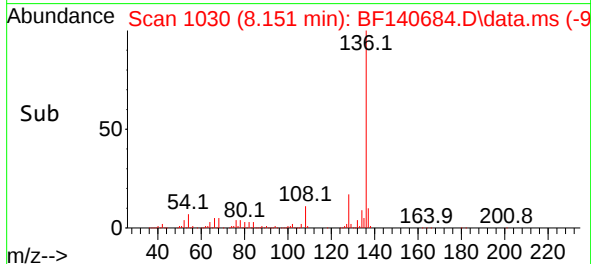
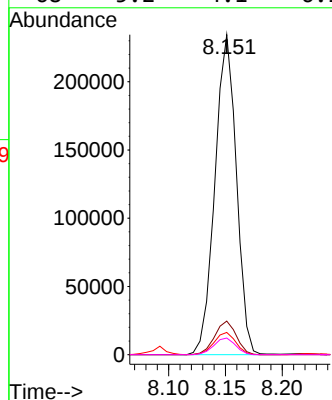
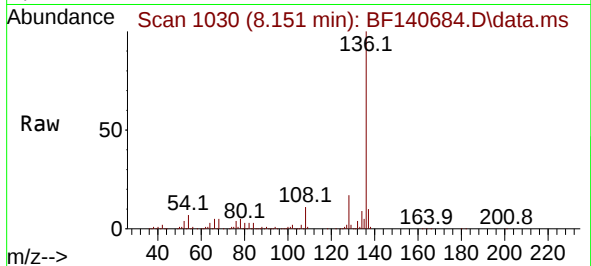




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

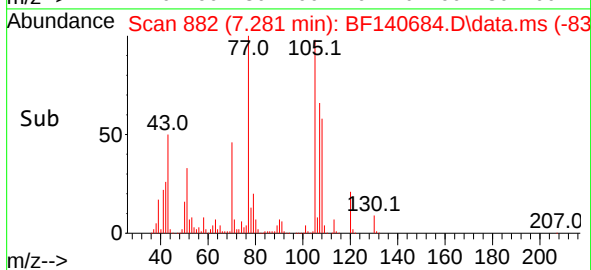
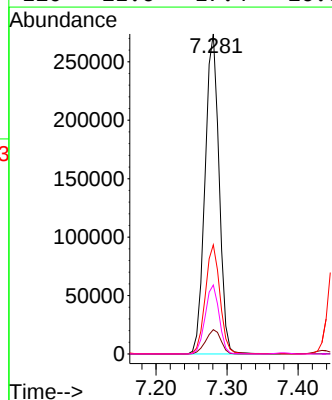
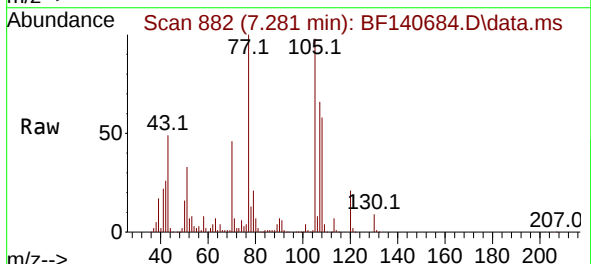
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

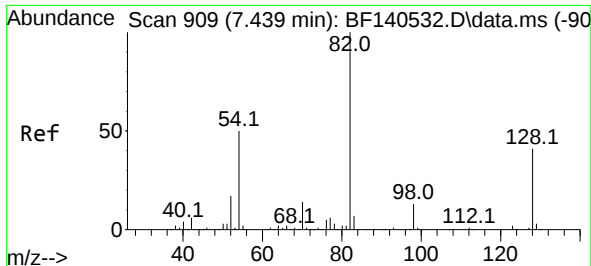
Tgt Ion:136 Resp: 308077
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.0 5.8 8.8
68 5.2 4.1 6.1



#22
Acetophenone
Concen: 50.435 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:105 Resp: 378802
Ion Ratio Lower Upper
105 100
71 7.6 6.2 9.2
51 34.1 29.0 43.6
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 96.695 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

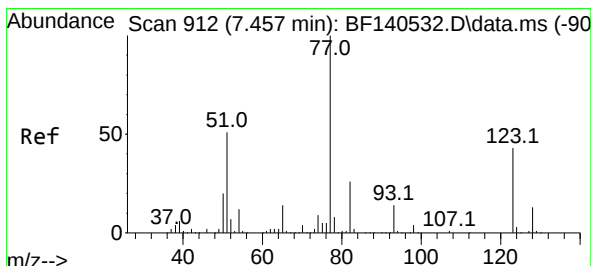
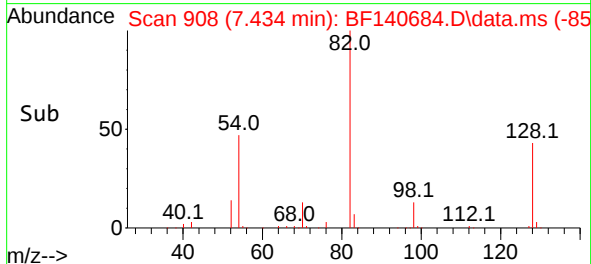
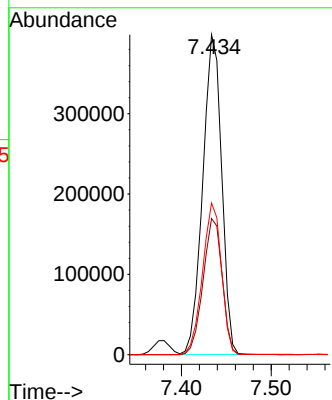
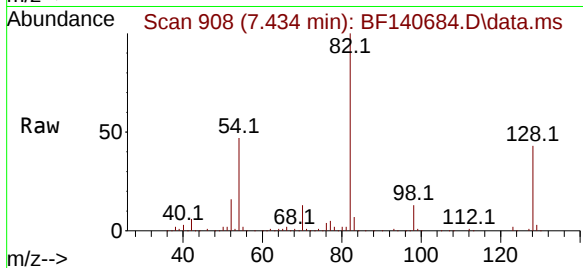
BNA_F

ClientSampleId :

PB165296BSD

Tgt Ion: 82 Resp: 582394

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.0	49.4
54	47.4	39.5	59.3



#24

Nitrobenzene

Concen: 49.004 ng

RT: 7.457 min Scan# 912

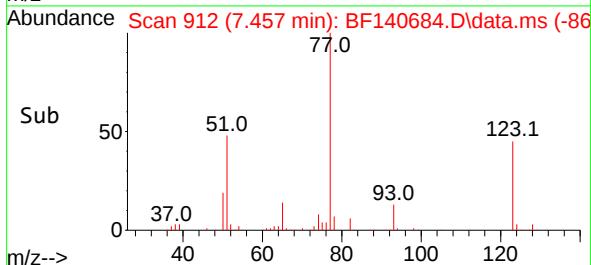
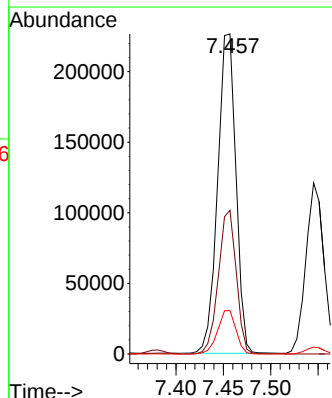
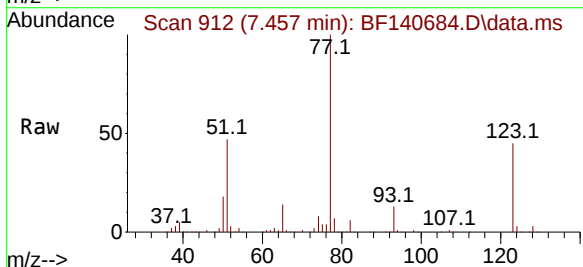
Delta R.T. -0.000 min

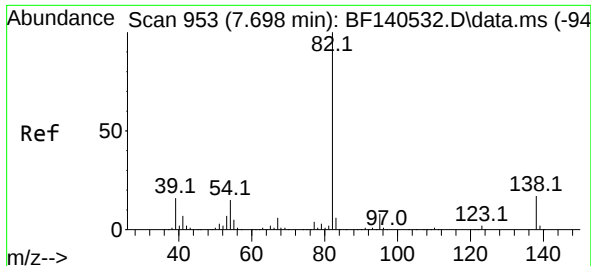
Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Tgt Ion: 77 Resp: 305048

Ion	Ratio	Lower	Upper
77	100		
123	44.9	34.3	51.5
65	13.6	11.2	16.8

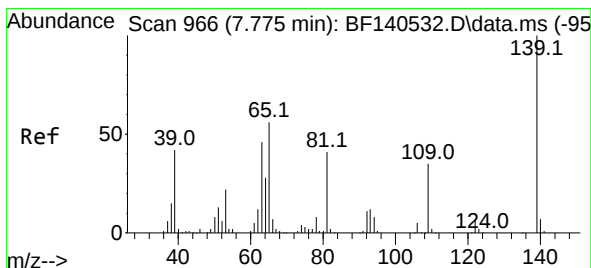
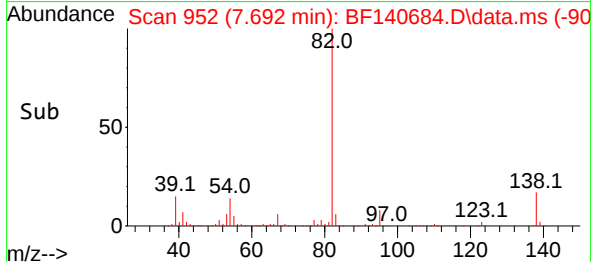
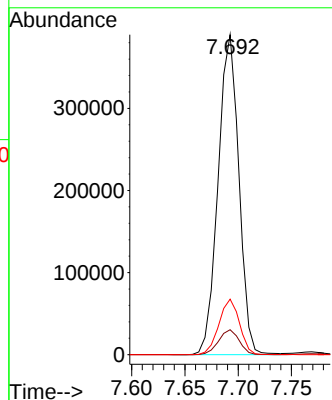
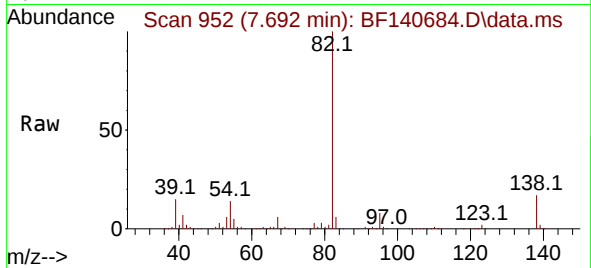




#25
Isophorone
Concen: 52.524 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

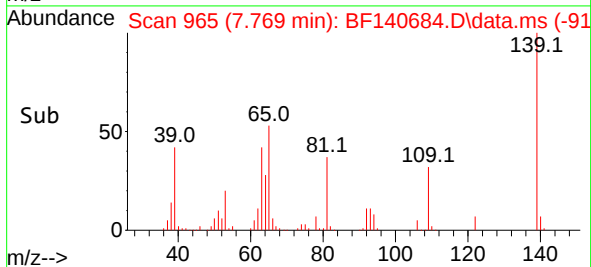
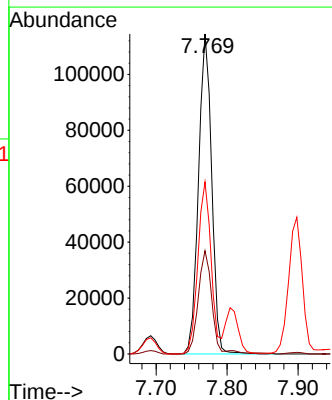
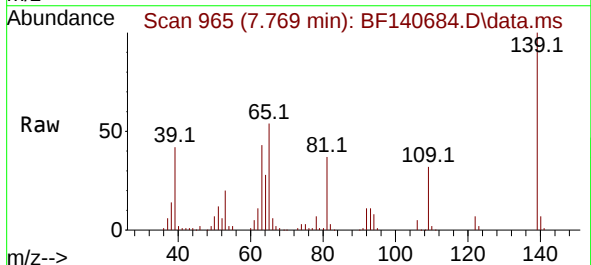
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

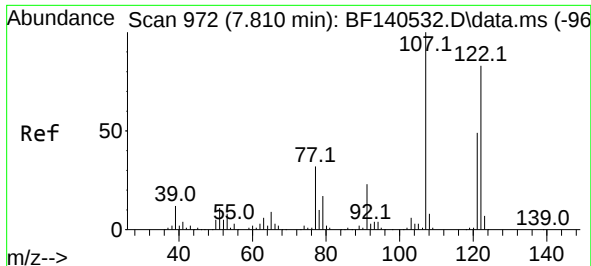
Tgt Ion: 82 Resp: 527648
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.4 13.8 20.6



#26
2-Nitrophenol
Concen: 53.696 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:139 Resp: 148127
Ion Ratio Lower Upper
139 100
109 32.3 28.0 42.0
65 53.8 44.6 67.0

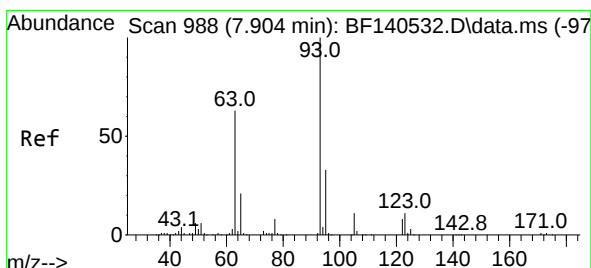
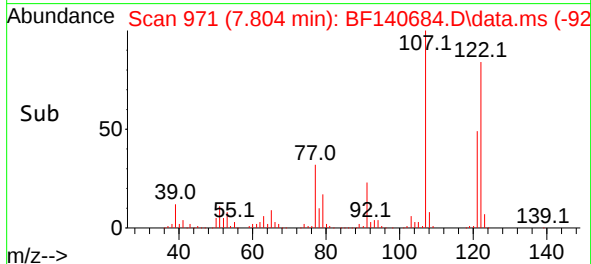
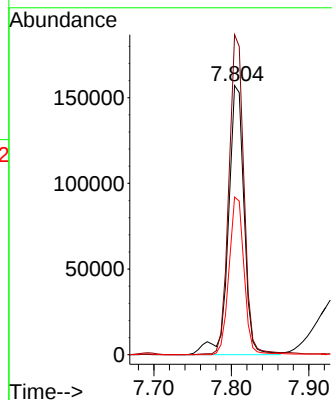
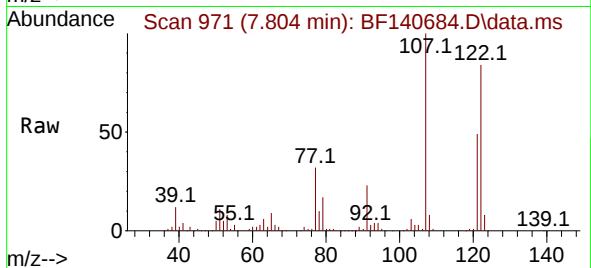




#27
2,4-Dimethylphenol
Concen: 67.349 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

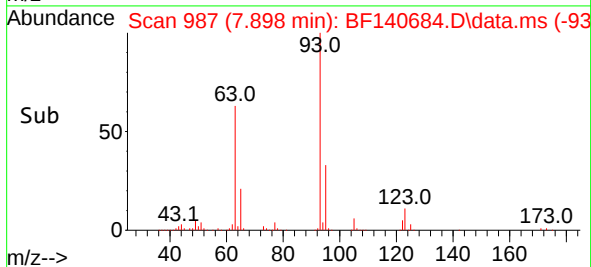
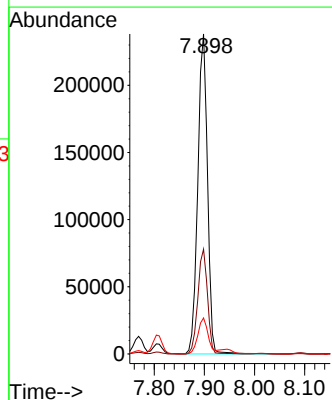
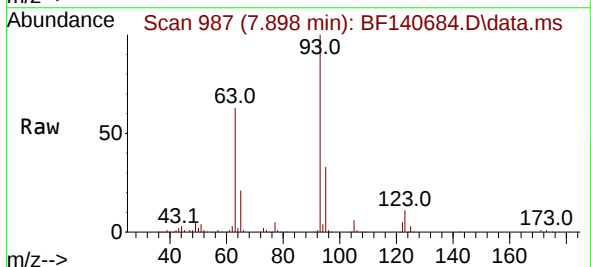
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

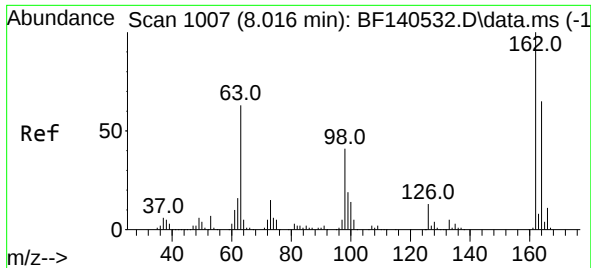
Tgt Ion:122 Resp: 222294
Ion Ratio Lower Upper
122 100
107 118.9 96.8 145.2
121 58.6 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 52.142 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion: 93 Resp: 319108
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 53.869 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

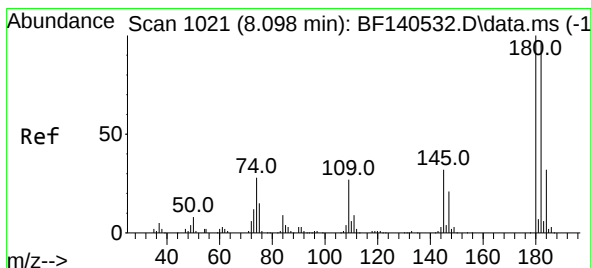
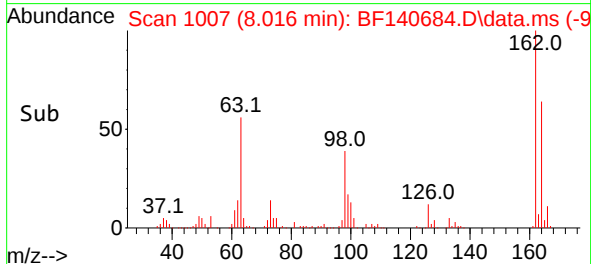
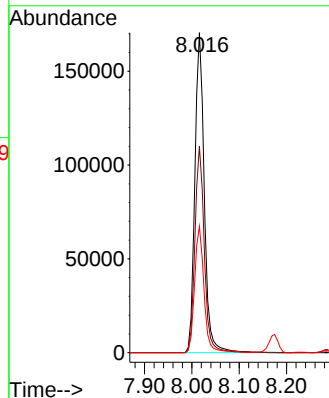
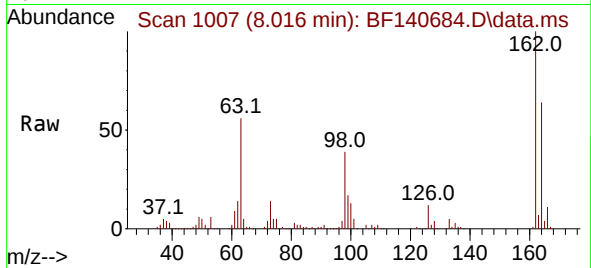
Tgt Ion:162 Resp: 235599

Ion Ratio Lower Upper

162 100

164 64.5 44.8 84.8

98 39.4 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 48.660 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

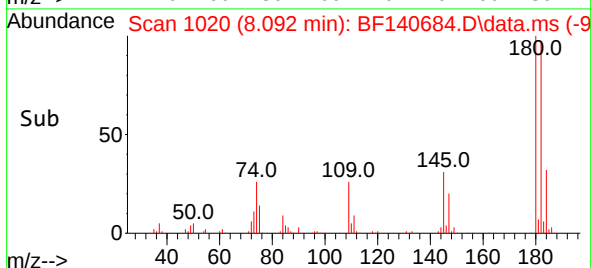
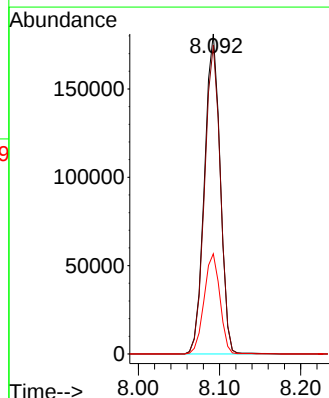
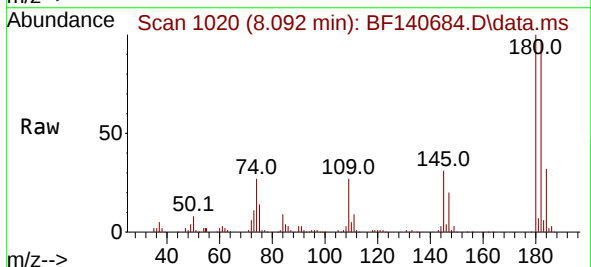
Tgt Ion:180 Resp: 242992

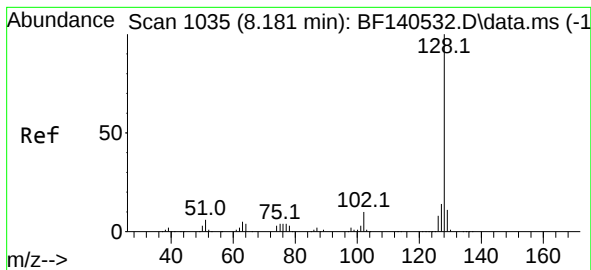
Ion Ratio Lower Upper

180 100

182 96.6 76.4 114.6

145 31.3 25.9 38.9





#31

Naphthalene

Concen: 51.278 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

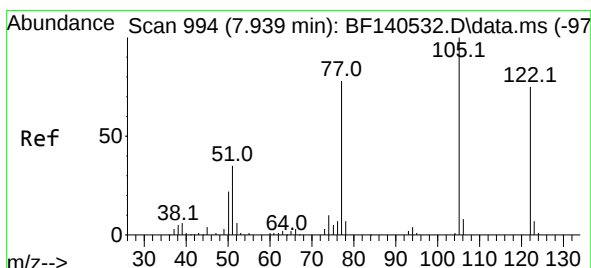
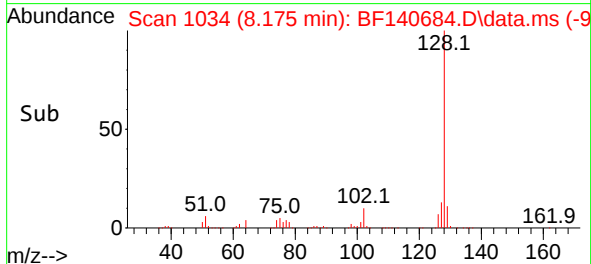
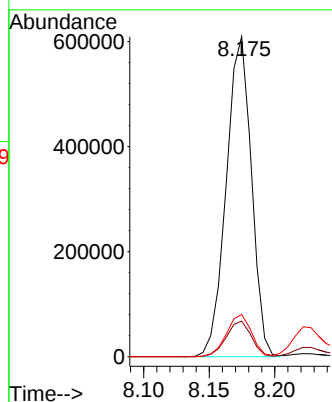
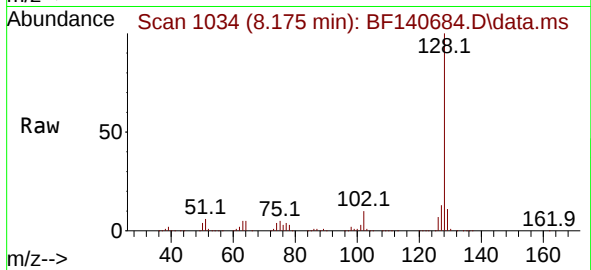
Tgt Ion:128 Resp: 813708

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.2 10.8 16.2



#32

Benzoic acid

Concen: 44.116 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

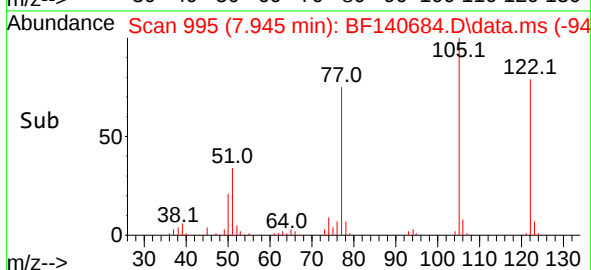
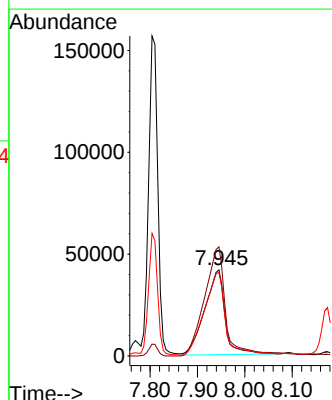
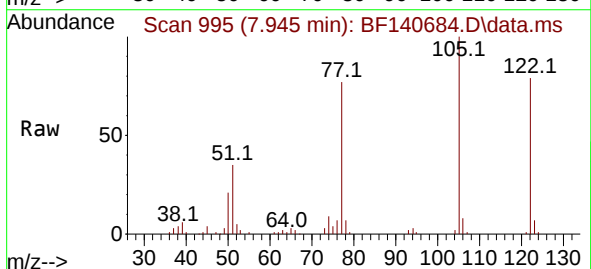
Tgt Ion:122 Resp: 124745

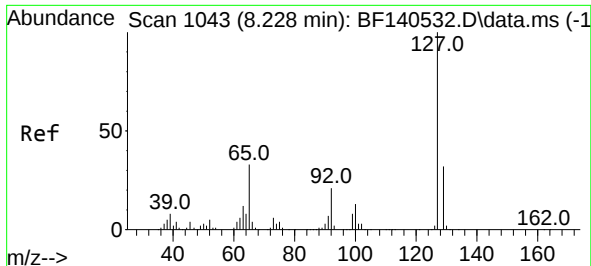
Ion Ratio Lower Upper

122 100

105 126.7 109.3 149.3

77 97.2 82.3 122.3

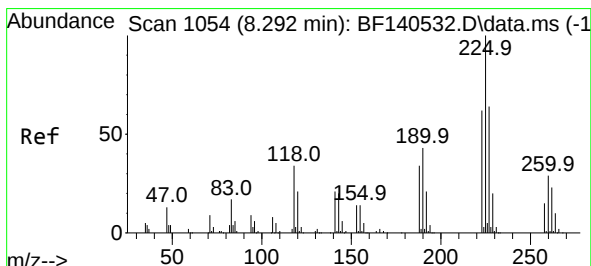
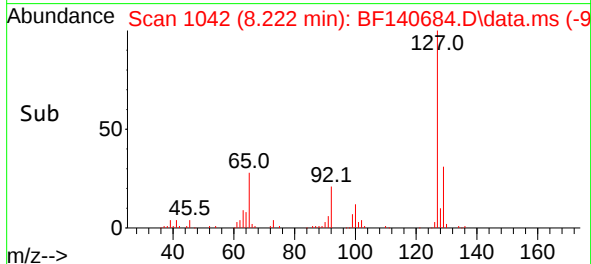
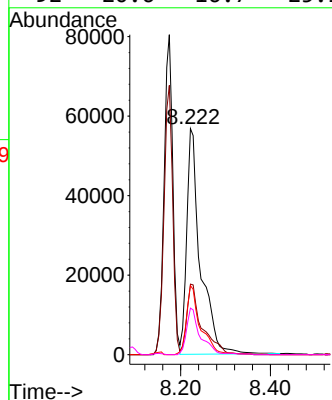
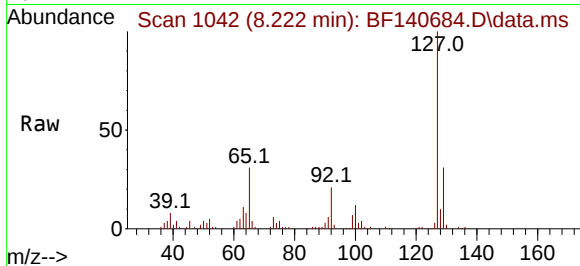




#33
4-Chloroaniline
Concen: 25.394 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

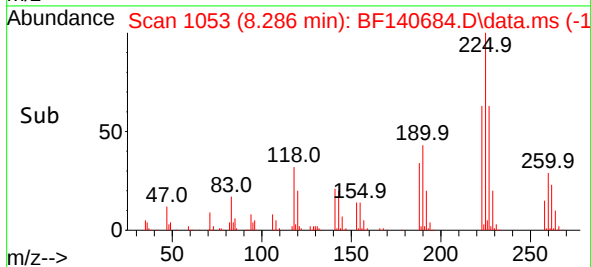
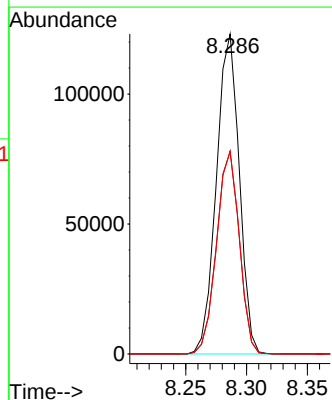
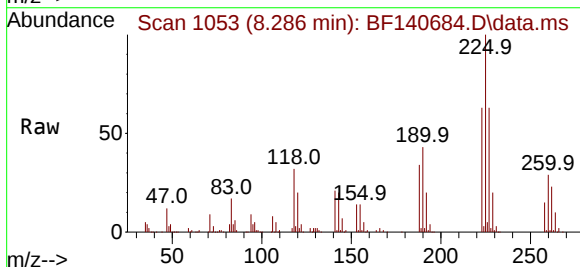
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

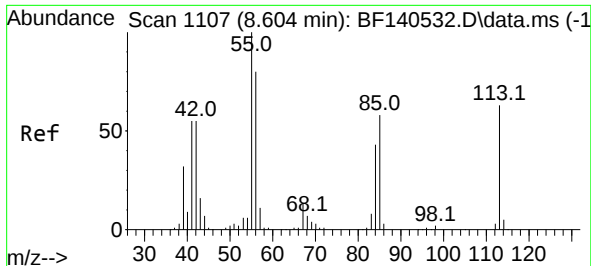
Tgt Ion:	127	Resp:	120649
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.0	39.0
65	30.6	26.0	39.0
92	20.6	16.7	25.1



#34
Hexachlorobutadiene
Concen: 48.661 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:	225	Resp:	160950
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.8
227	63.4	51.3	76.9

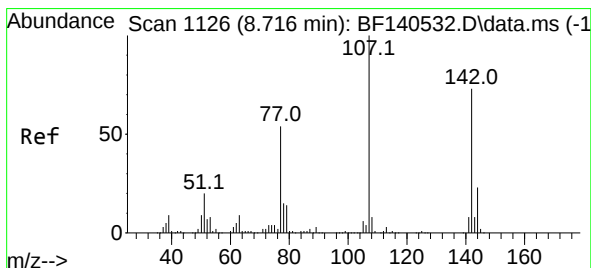
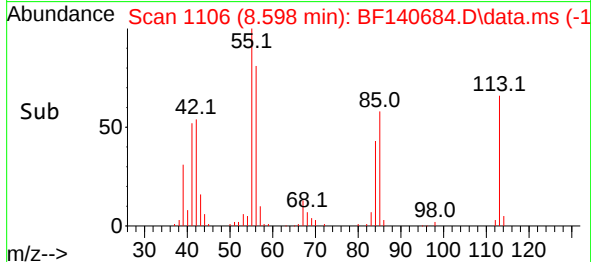
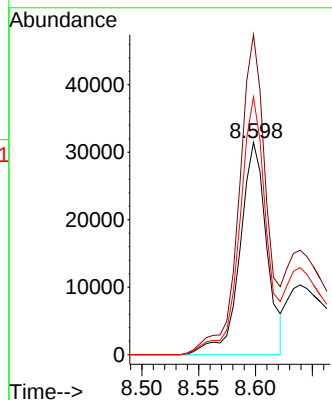
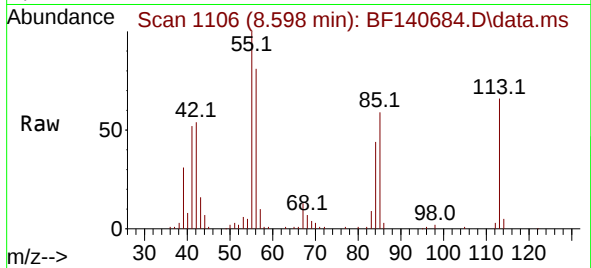




#35
 Caprolactam
 Concen: 38.169 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF140684.D
 Acq: 02 Dec 2024 11:49

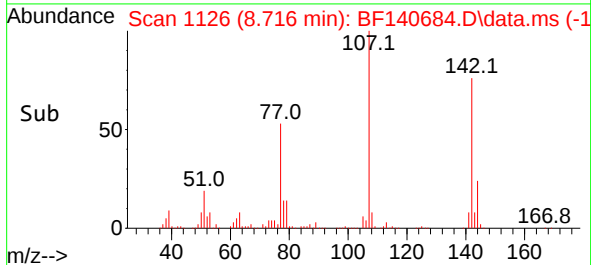
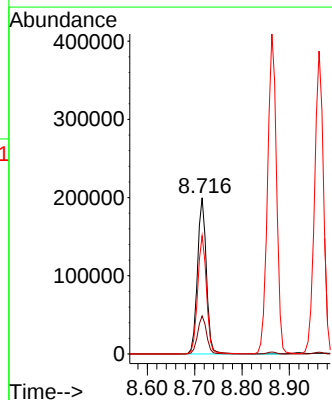
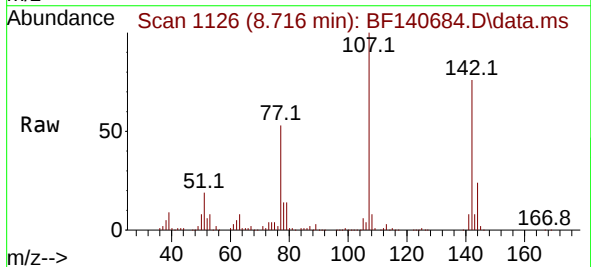
Instrument :
 BNA_F
 ClientSampleId :
 PB165296BSD

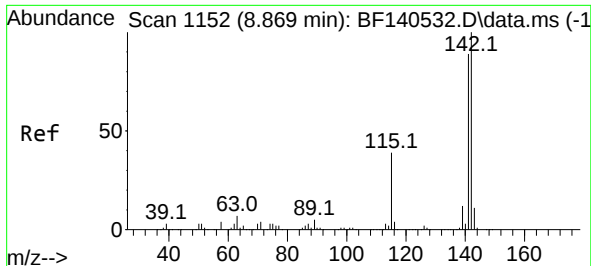
Tgt Ion:113 Resp: 51661
 Ion Ratio Lower Upper
 113 100
 55 150.8 137.7 177.7
 56 121.4 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 53.492 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: BF140684.D
 Acq: 02 Dec 2024 11:49

Tgt Ion:107 Resp: 261939
 Ion Ratio Lower Upper
 107 100
 144 24.4 18.7 28.1
 142 75.7 58.3 87.5





#37

2-Methylnaphthalene

Concen: 53.157 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

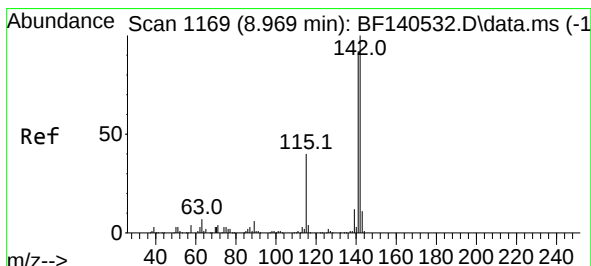
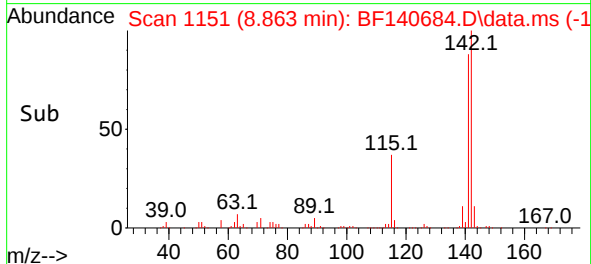
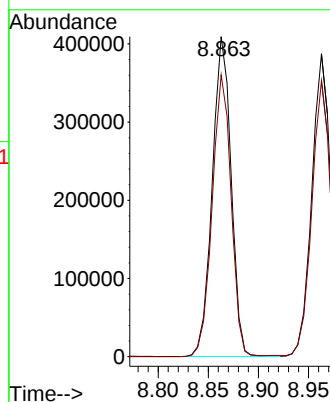
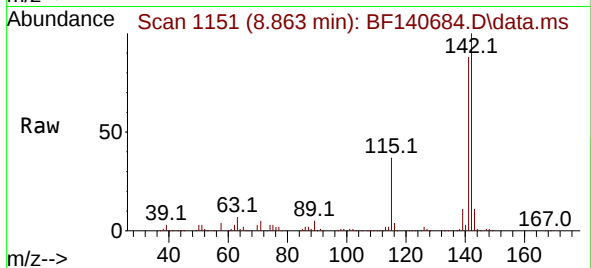
PB165296BSD

Tgt Ion:142 Resp: 535775

Ion Ratio Lower Upper

142 100

141 88.1 71.0 106.6



#38

1-Methylnaphthalene

Concen: 50.798 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140684.D

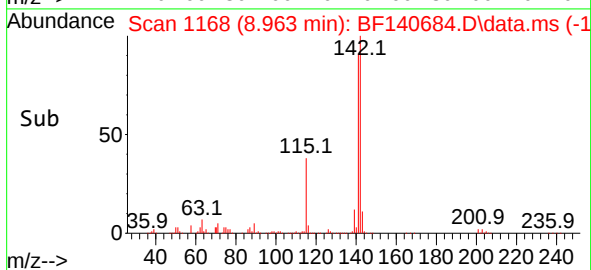
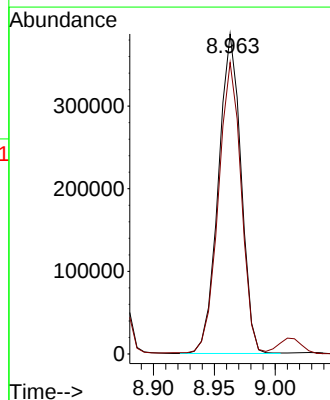
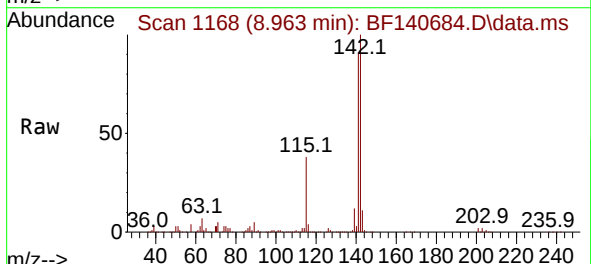
Acq: 02 Dec 2024 11:49

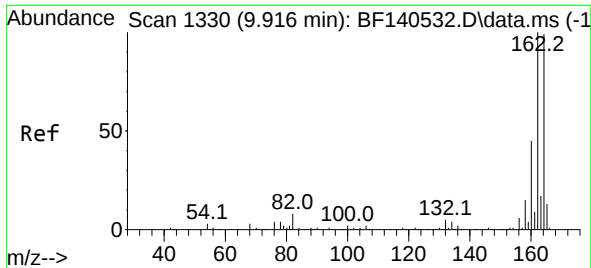
Tgt Ion:142 Resp: 501861

Ion Ratio Lower Upper

142 100

141 91.1 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

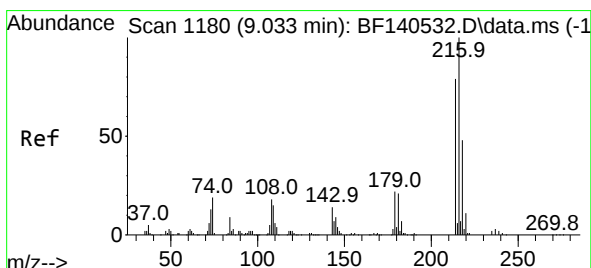
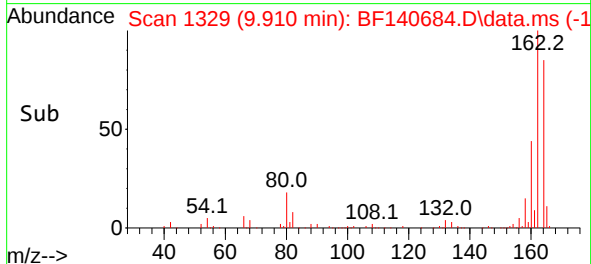
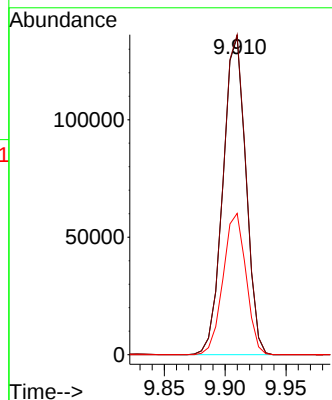
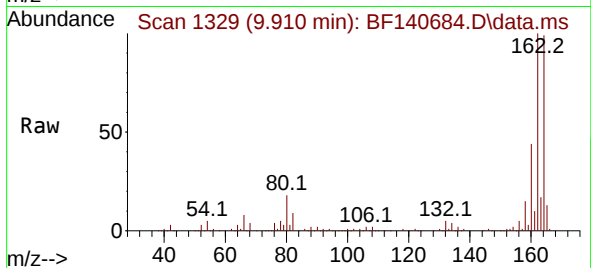
Tgt Ion:164 Resp: 176945

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.594 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Tgt Ion:216 Resp: 262079

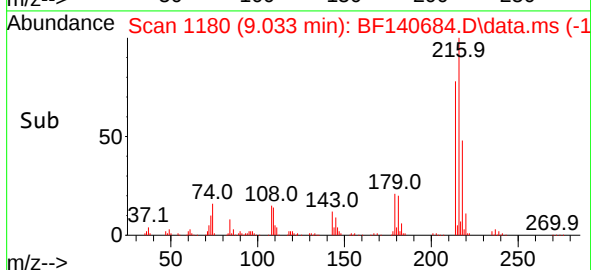
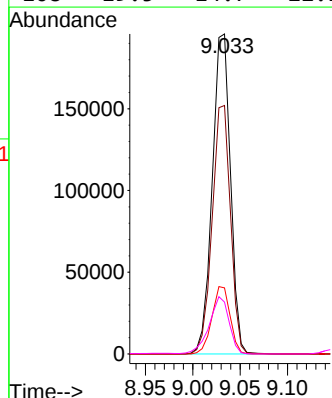
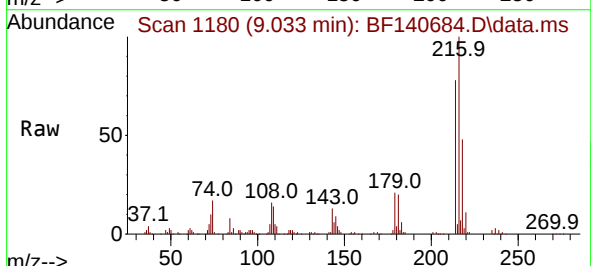
Ion Ratio Lower Upper

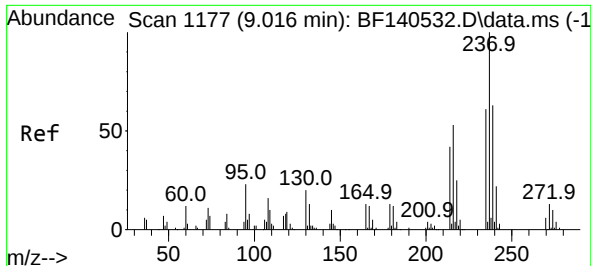
216 100

214 78.1 63.0 94.4

179 21.0 17.5 26.3

108 19.5 14.7 22.1

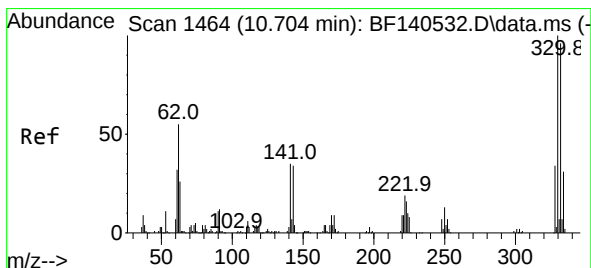
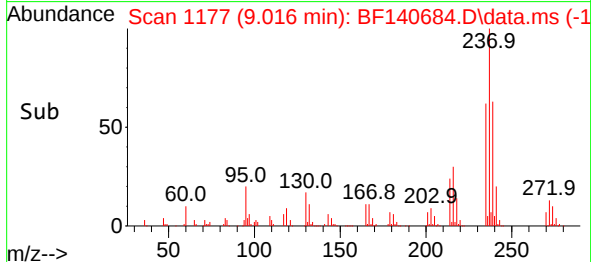
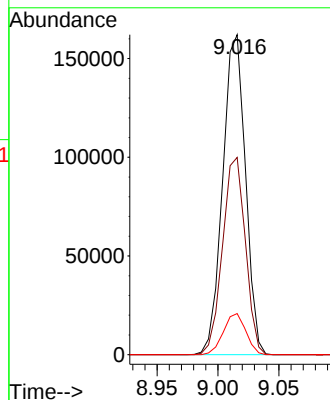
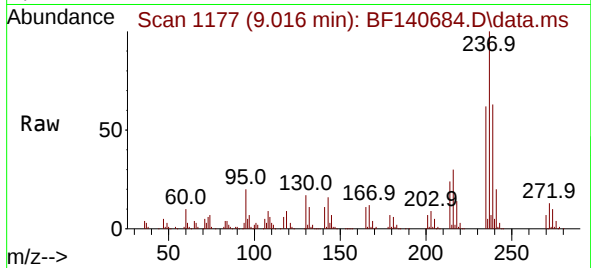




#41
Hexachlorocyclopentadiene
Concen: 171.968 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

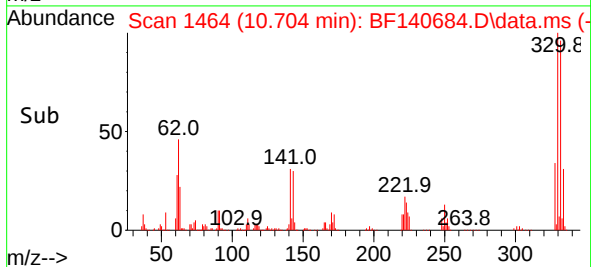
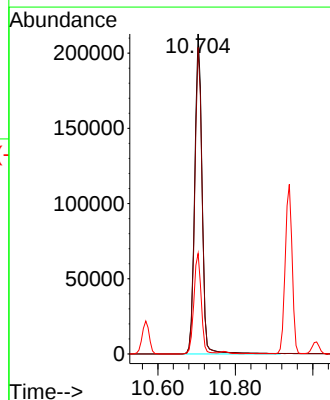
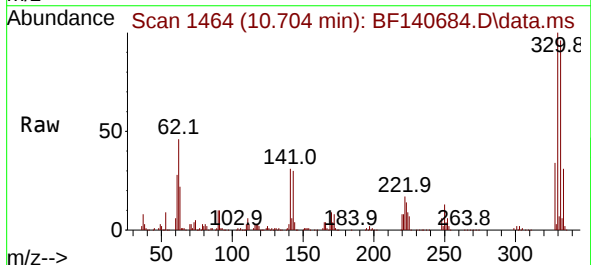
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

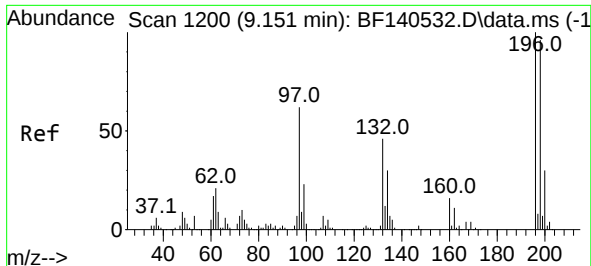
Tgt Ion:237 Resp: 210973
Ion Ratio Lower Upper
237 100
235 61.7 41.1 81.1
272 12.9 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 148.597 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:330 Resp: 281210
Ion Ratio Lower Upper
330 100
332 95.0 76.9 115.3
141 31.3 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 50.670 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

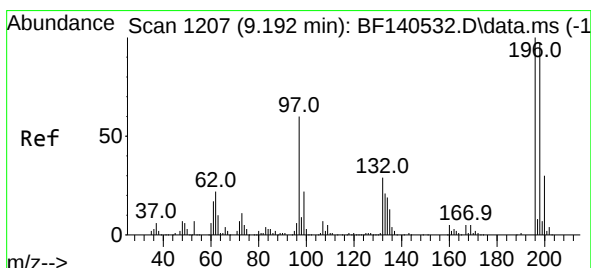
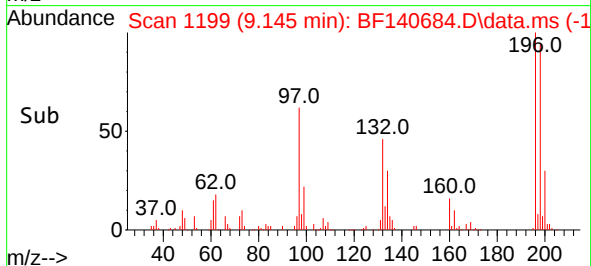
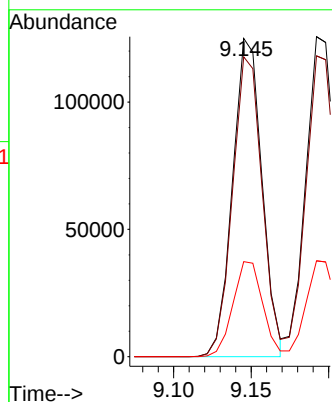
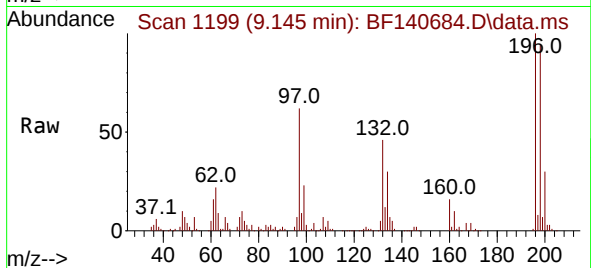
Tgt Ion:196 Resp: 164699

Ion Ratio Lower Upper

196 100

198 94.2 76.8 115.2

200 29.9 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 51.189 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Tgt Ion:196 Resp: 180576

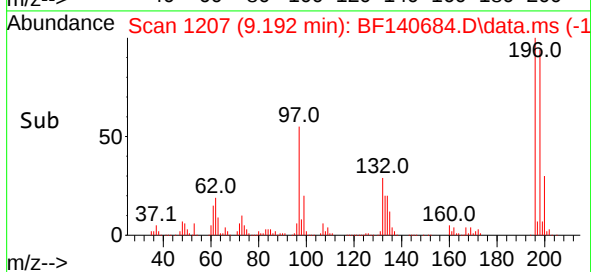
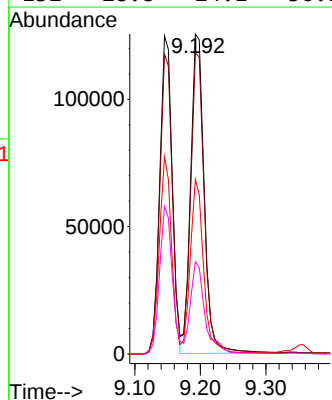
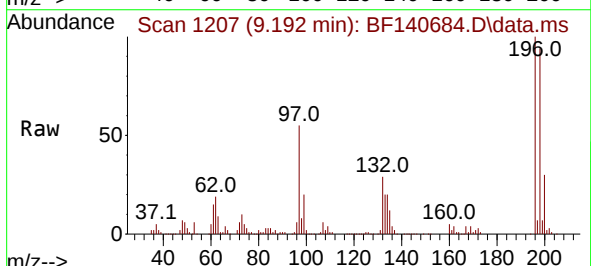
Ion Ratio Lower Upper

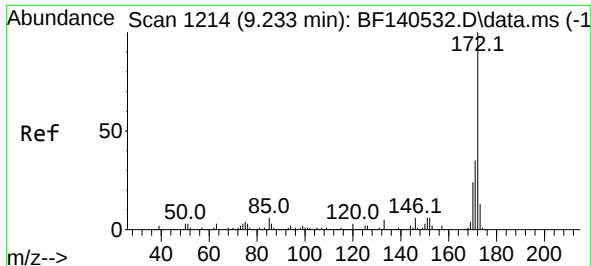
196 100

198 94.0 77.2 115.8

97 54.6 47.1 70.7

132 28.8 24.1 36.1

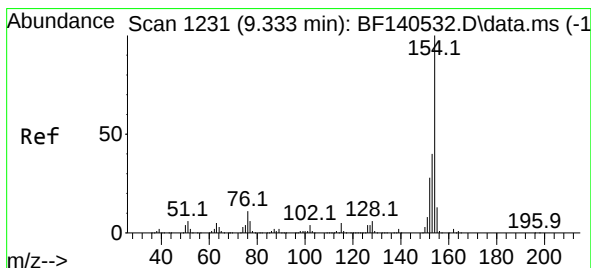
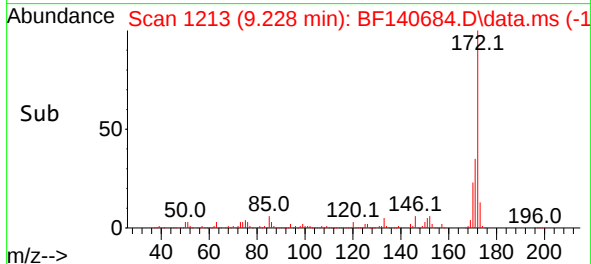
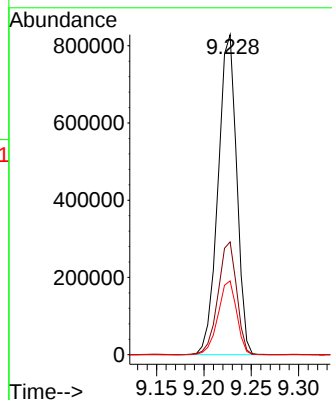
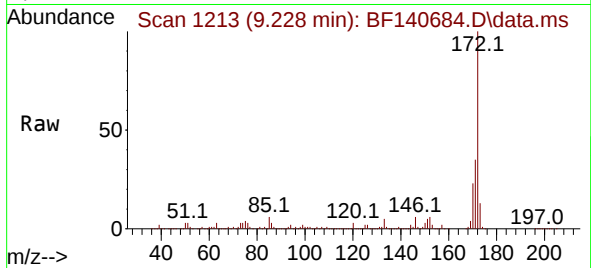




#45
2-Fluorobiphenyl
Concen: 95.398 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

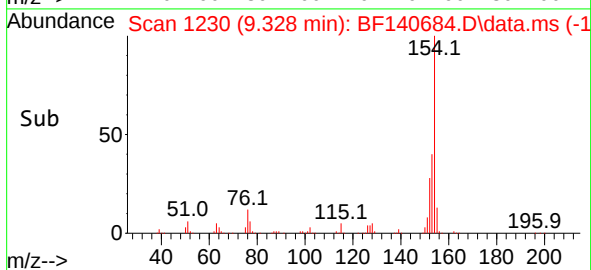
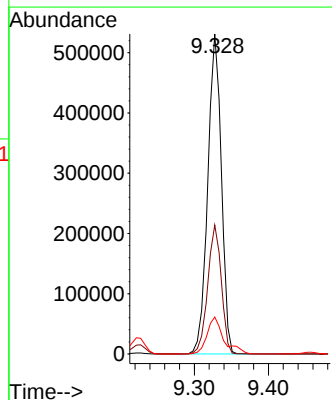
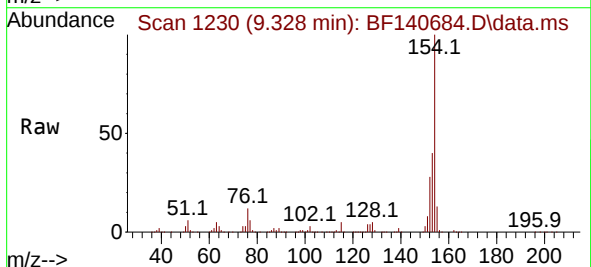
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

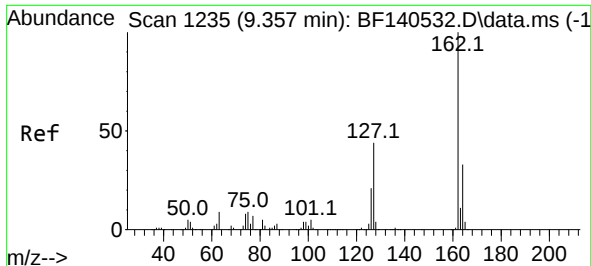
Tgt Ion:172 Resp: 1132946
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.1 19.0 28.6



#46
1,1'-Biphenyl
Concen: 51.146 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:154 Resp: 675689
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.5 0.0 31.2

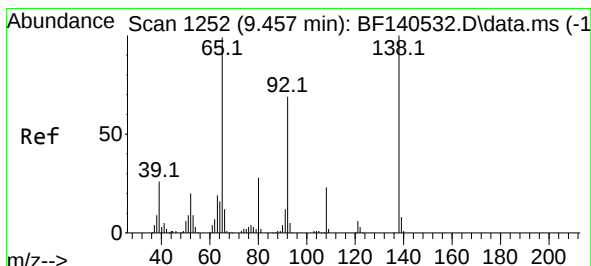
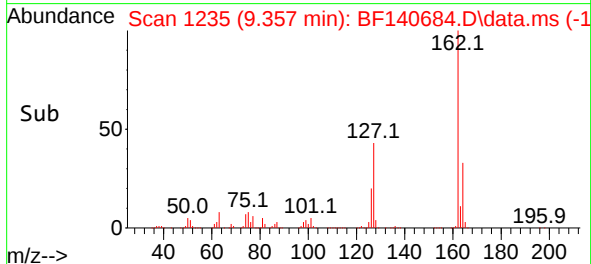
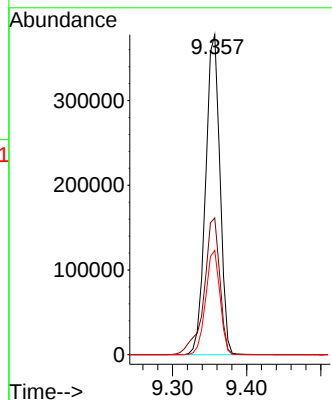
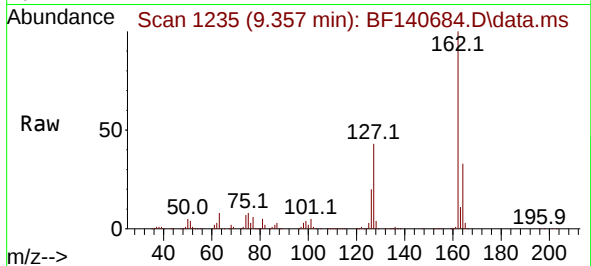




#47
2-Chloronaphthalene
Concen: 50.756 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

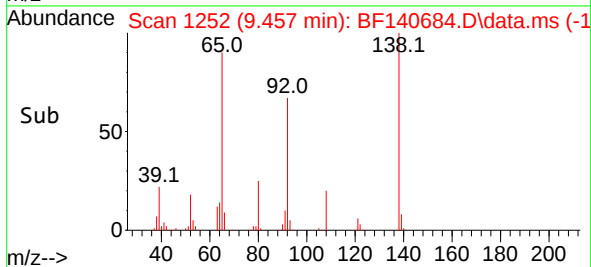
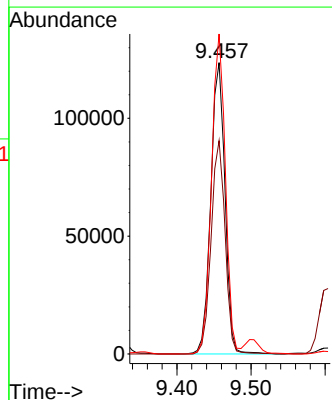
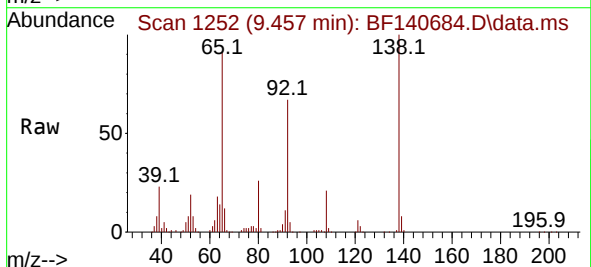
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

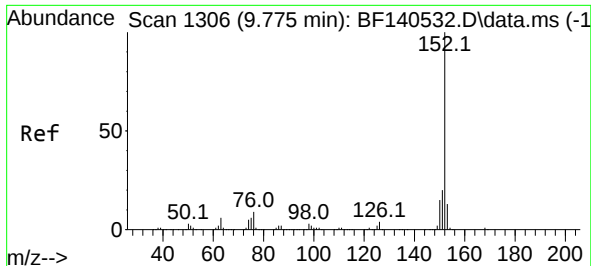
Tgt Ion:162 Resp: 508079
Ion Ratio Lower Upper
162 100
127 42.8 35.7 53.5
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 51.217 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion: 65 Resp: 164563
Ion Ratio Lower Upper
65 100
92 73.2 56.1 84.1
138 109.8 81.0 121.6





#49

Acenaphthylene

Concen: 54.898 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

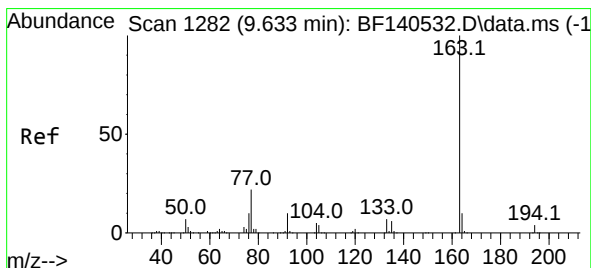
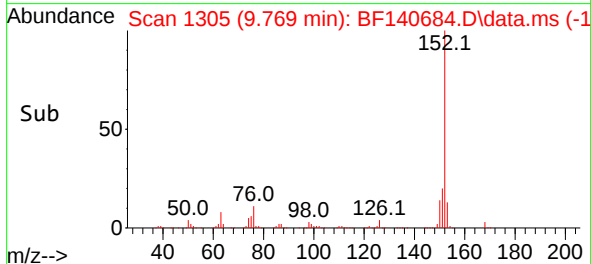
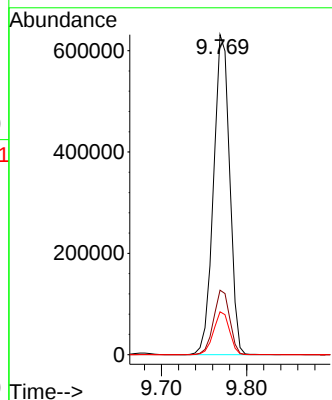
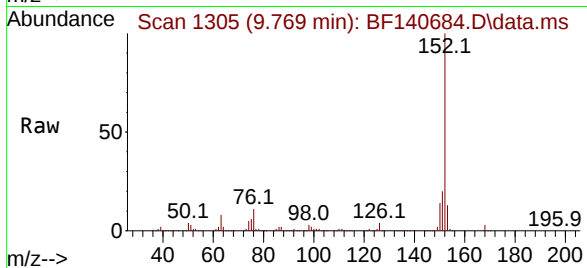
Tgt Ion:152 Resp: 830309

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.4 10.6 16.0



#50

Dimethylphthalate

Concen: 52.201 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

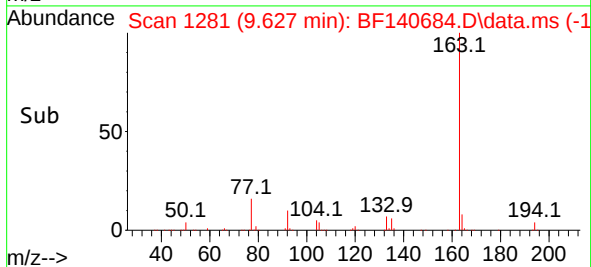
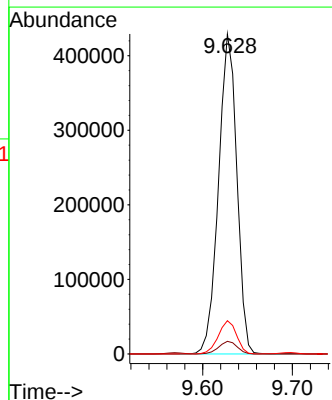
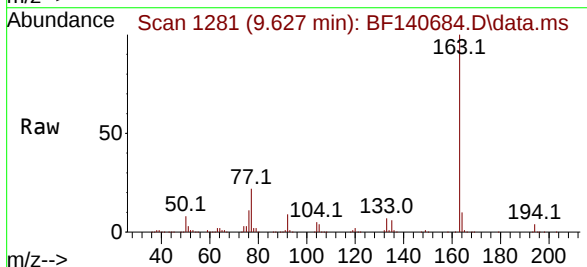
Tgt Ion:163 Resp: 608324

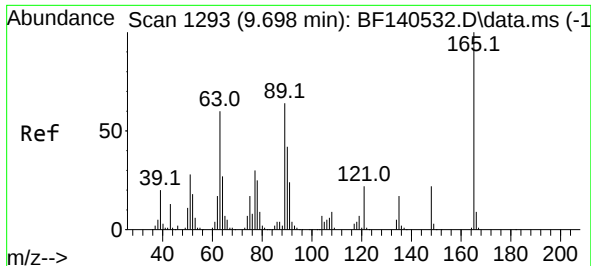
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.2 12.2

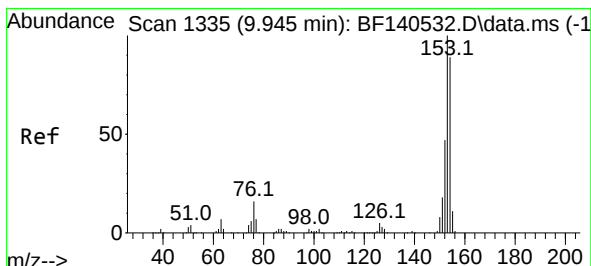
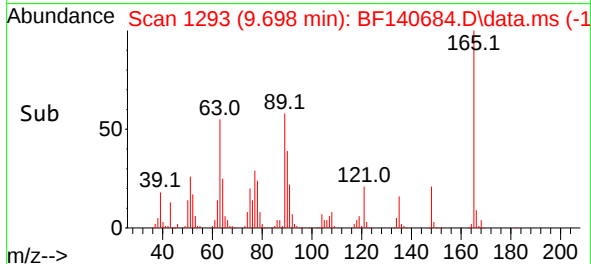
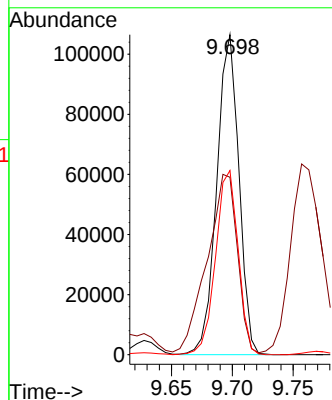
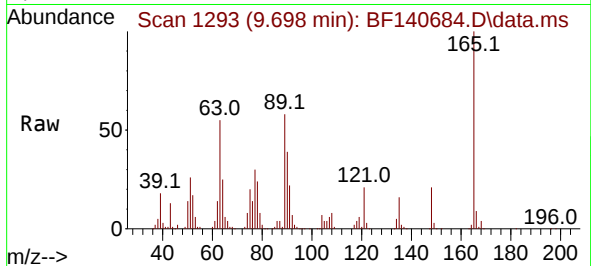




#51
2,6-Dinitrotoluene
Concen: 51.028 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

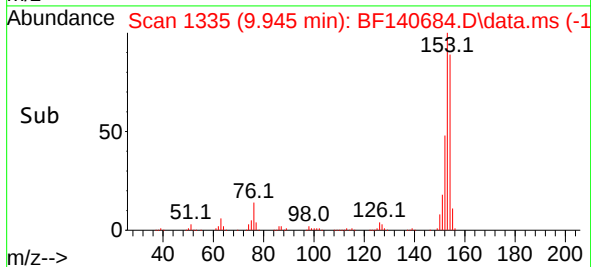
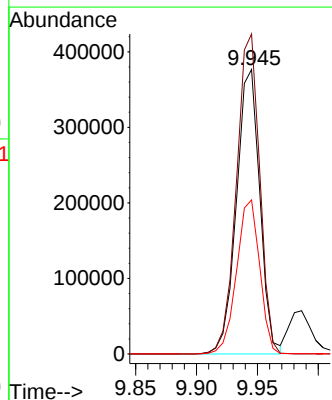
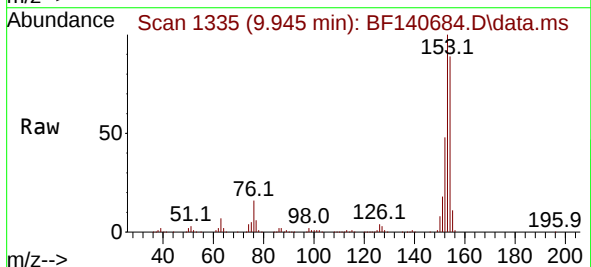
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

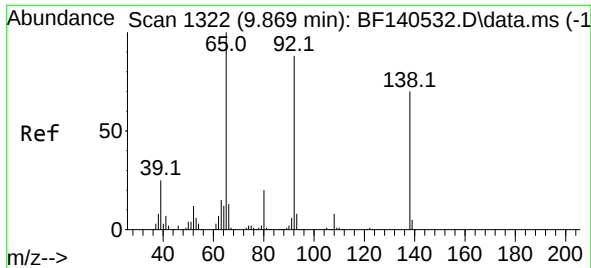
Tgt Ion:165 Resp: 134865
Ion Ratio Lower Upper
165 100
63 55.4 49.9 74.9
89 57.5 50.9 76.3



#52
Acenaphthene
Concen: 52.367 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:154 Resp: 503250
Ion Ratio Lower Upper
154 100
153 112.5 89.7 134.5
152 54.1 42.5 63.7

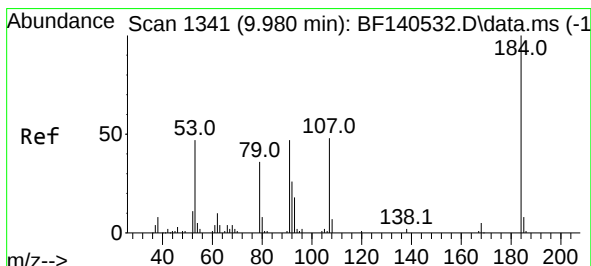
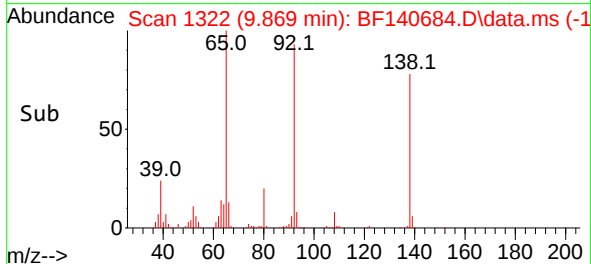
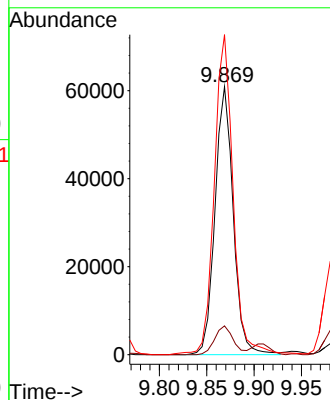
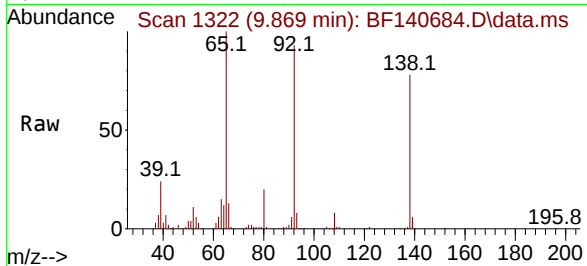




#53
3-Nitroaniline
Concen: 31.587 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

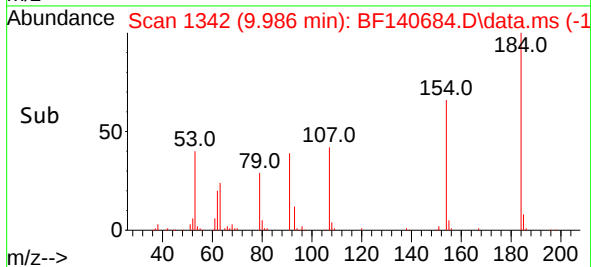
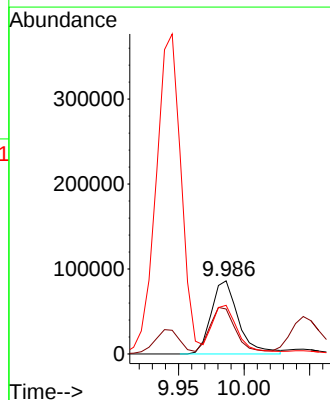
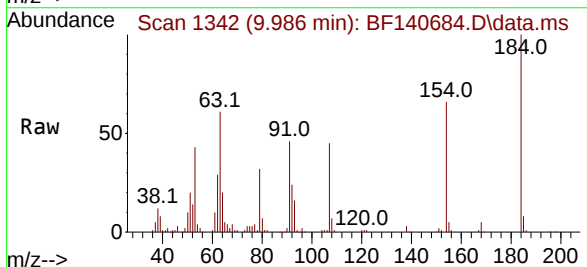
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

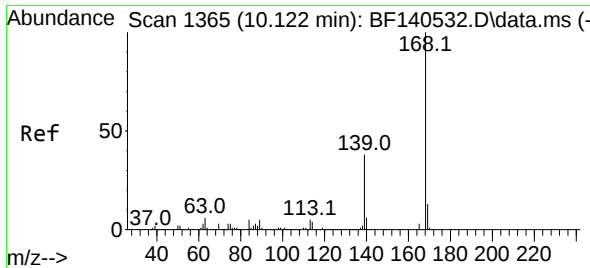
Tgt Ion:138 Resp: 81650
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 119.4 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 89.831 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:184 Resp: 124419
Ion Ratio Lower Upper
184 100
63 61.5 54.1 81.1
154 66.4 57.4 86.0

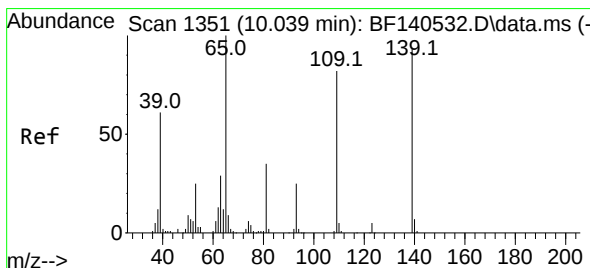
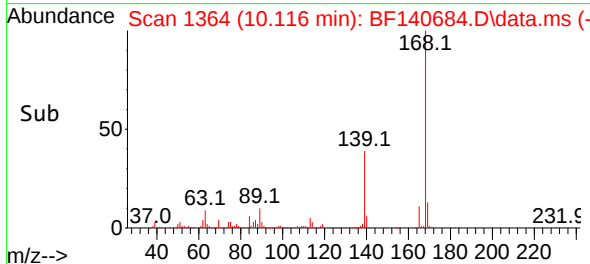
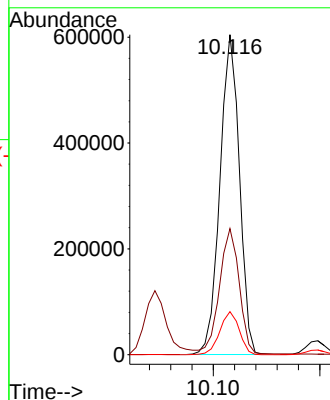
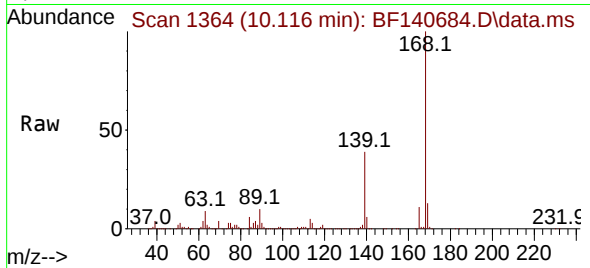




#55
Dibenzenofuran
Concen: 52.201 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

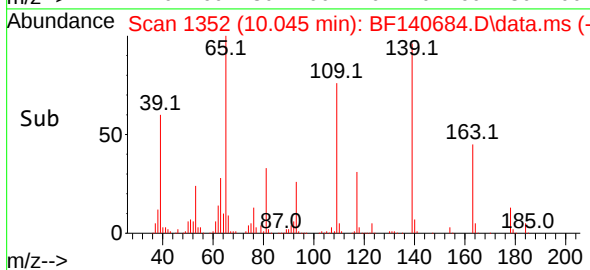
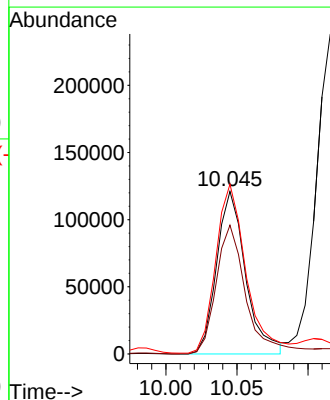
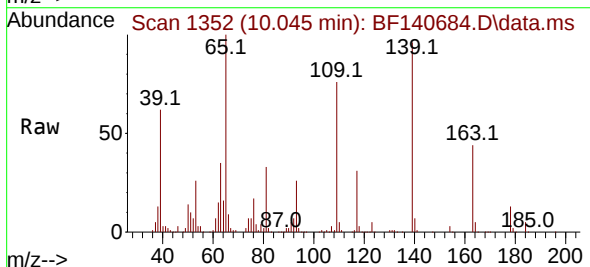
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

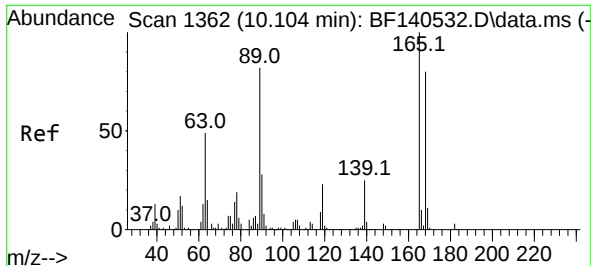
Tgt Ion:168 Resp: 765188
Ion Ratio Lower Upper
168 100
139 39.4 31.3 46.9
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 97.495 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:139 Resp: 171875
Ion Ratio Lower Upper
139 100
109 79.2 68.4 108.4
65 104.4 88.6 128.6

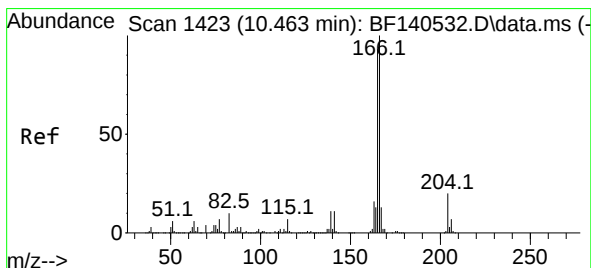
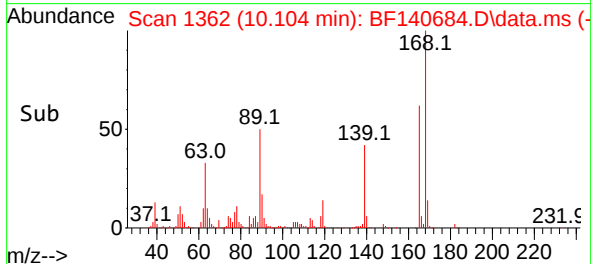
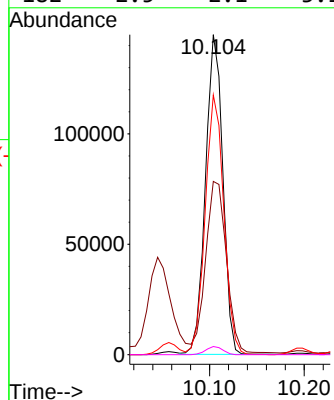
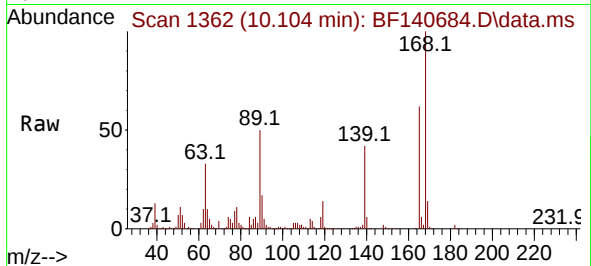




#57
2,4-Dinitrotoluene
Concen: 52.492 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

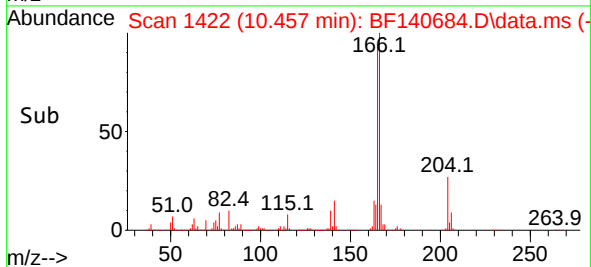
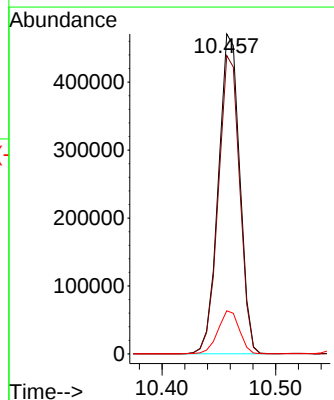
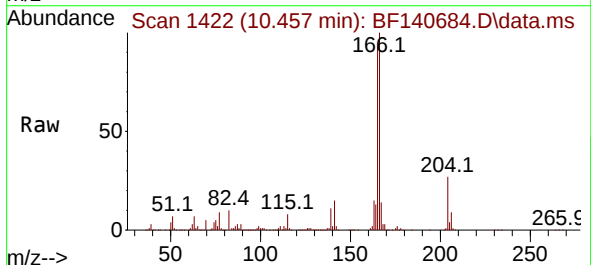
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

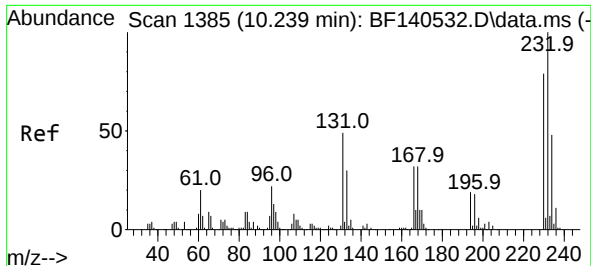
Tgt Ion:165 Resp: 184382
Ion Ratio Lower Upper
165 100
63 54.2 41.7 62.5
89 81.1 65.8 98.8
182 2.5 2.1 3.1



#58
Fluorene
Concen: 52.188 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:166 Resp: 614046
Ion Ratio Lower Upper
166 100
165 93.3 74.6 111.8
167 13.5 10.6 16.0

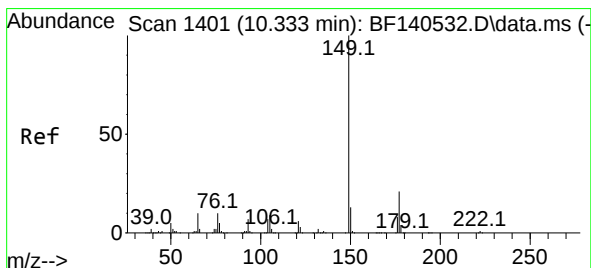
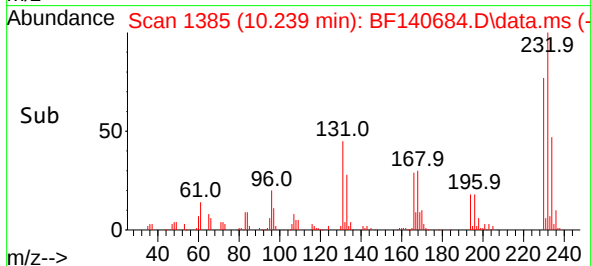
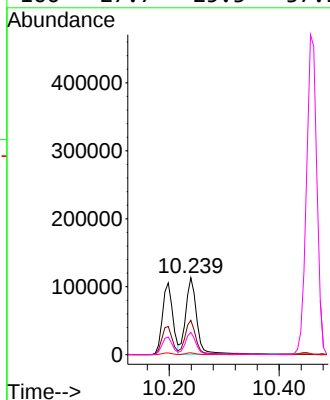
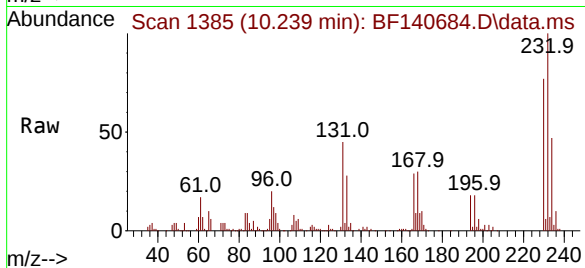




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.088 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

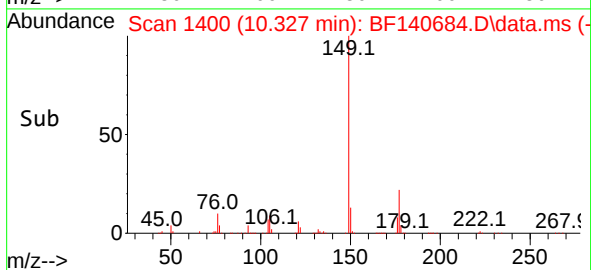
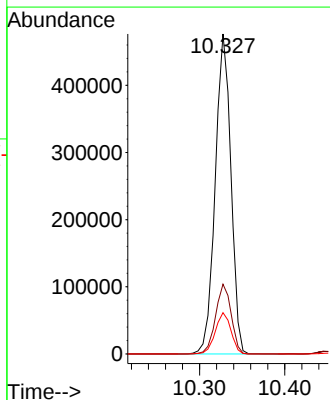
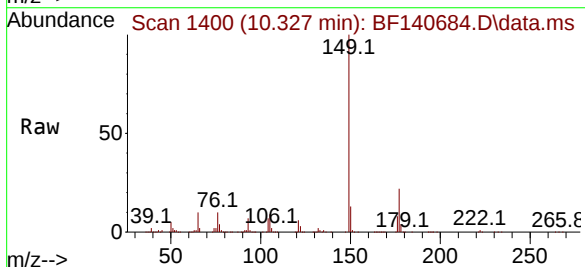
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

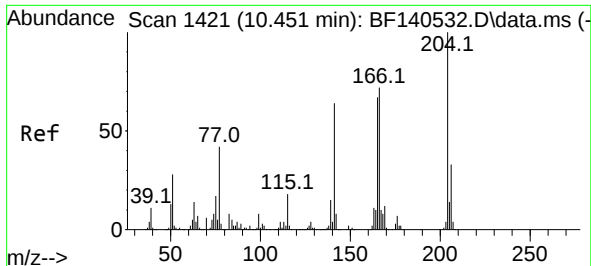
Tgt Ion:232 Resp: 157484
Ion Ratio Lower Upper
232 100
131 43.2 39.6 59.4
130 2.3 1.9 2.9
166 27.7 25.3 37.9



#60
Diethylphthalate
Concen: 51.540 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:149 Resp: 610240
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.9 10.1 15.1

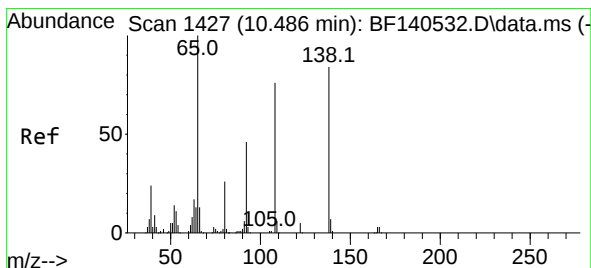
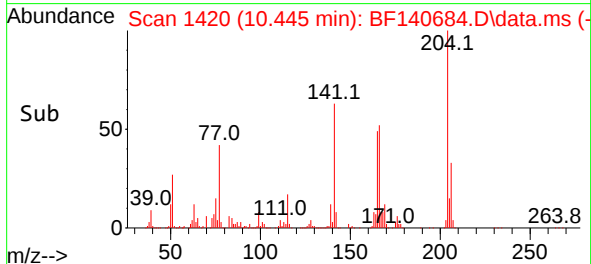
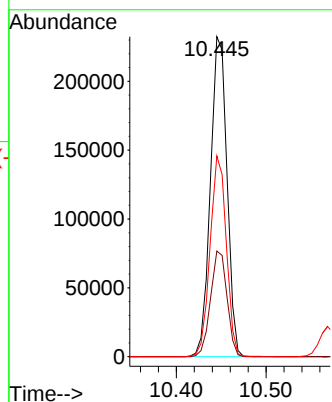
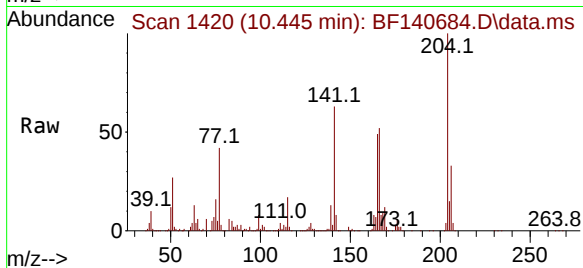




#61
4-Chlorophenyl-phenylether
Concen: 51.566 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

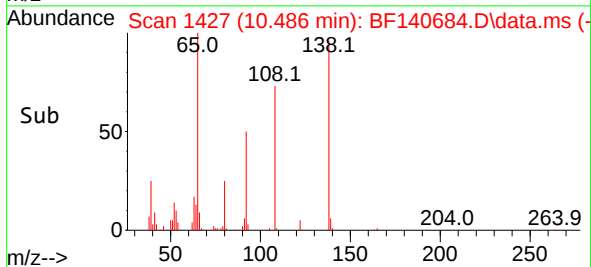
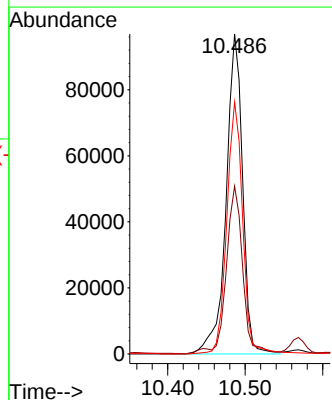
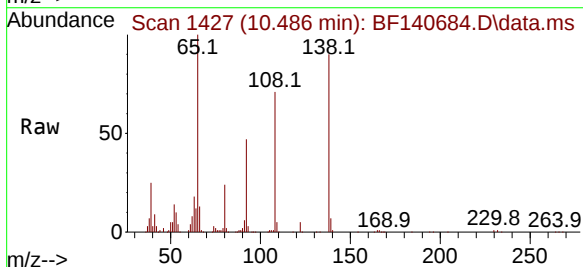
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

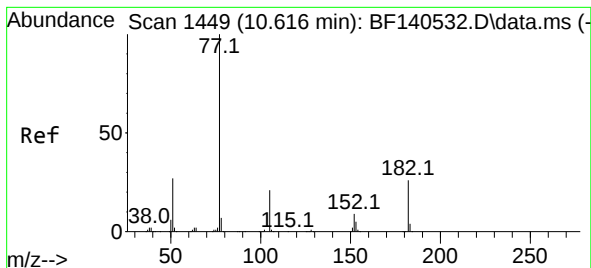
Tgt Ion:204 Resp: 297755
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 62.7 51.1 76.7



#62
4-Nitroaniline
Concen: 52.941 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:138 Resp: 143529
Ion Ratio Lower Upper
138 100
92 52.5 34.5 74.5
108 78.7 70.6 110.6





#63

Azobenzene

Concen: 52.989 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

Tgt Ion: 77 Resp: 594144

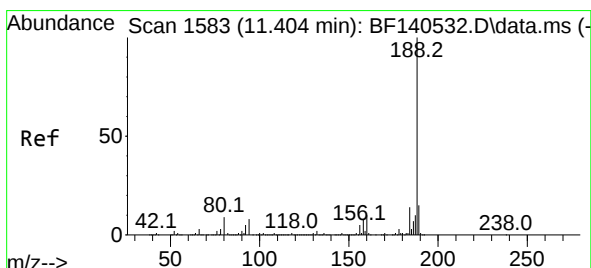
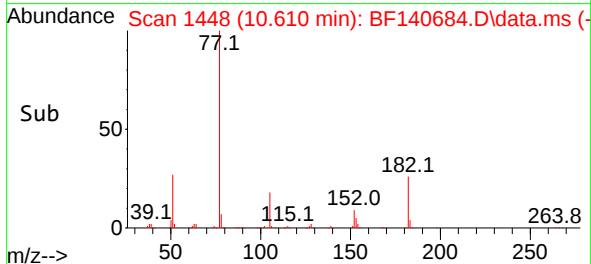
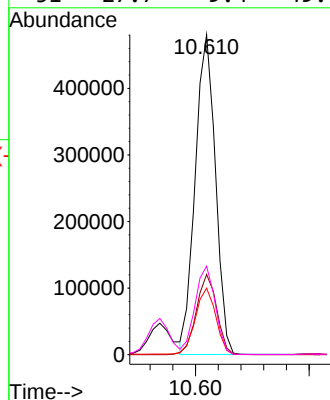
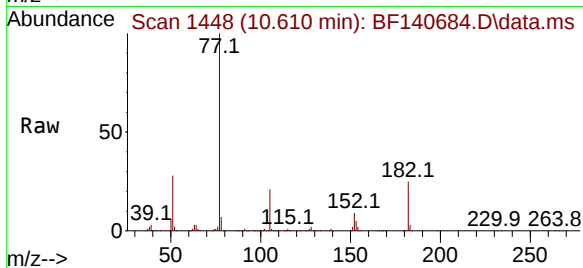
Ion Ratio Lower Upper

77 100

182 25.1 5.3 45.3

105 20.8 0.3 40.3

51 27.7 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

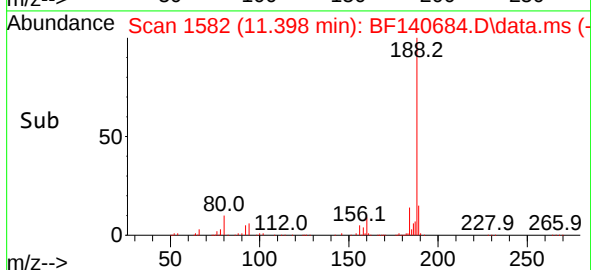
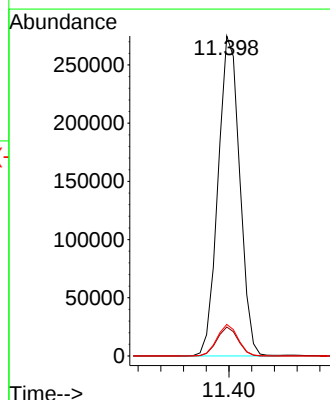
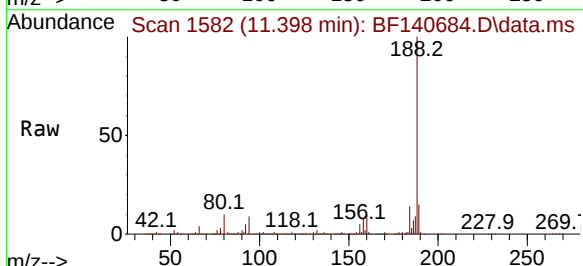
Tgt Ion: 188 Resp: 364189

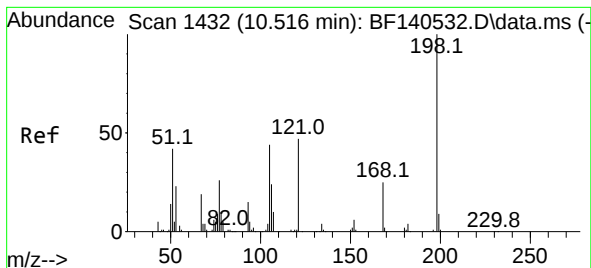
Ion Ratio Lower Upper

188 100

94 9.0 6.4 9.6

80 9.9 6.9 10.3

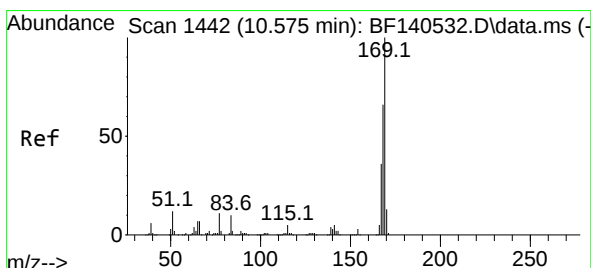
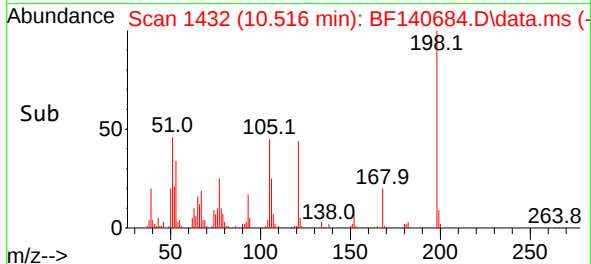
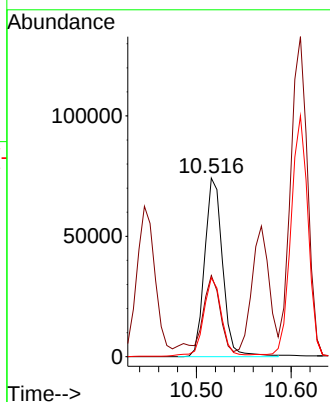
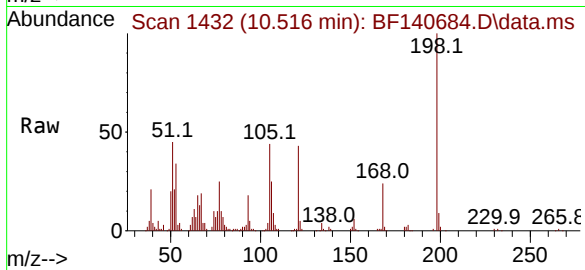




#65
4,6-Dinitro-2-methylphenol
Concen: 52.266 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

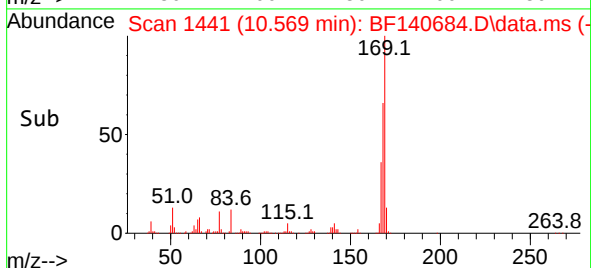
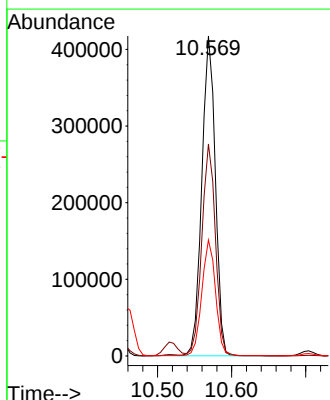
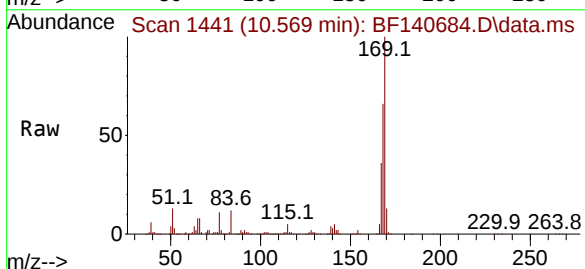
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

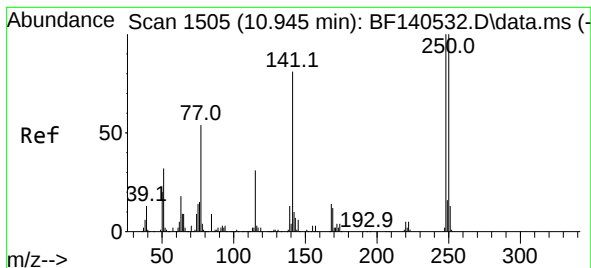
Tgt Ion:198 Resp: 97268
Ion Ratio Lower Upper
198 100
51 45.5 29.4 69.4
105 44.2 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 49.155 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:169 Resp: 529399
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.3 29.0 43.6

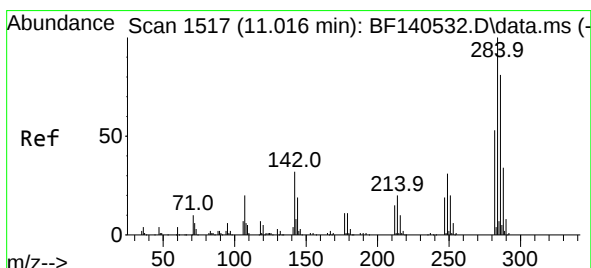
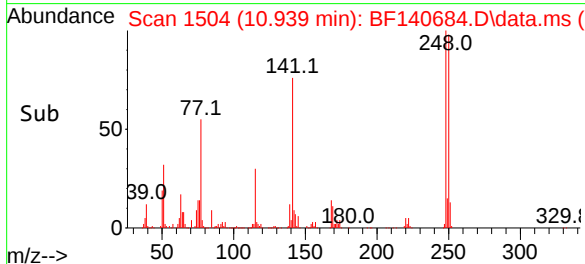
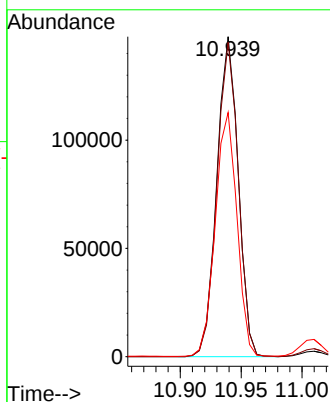
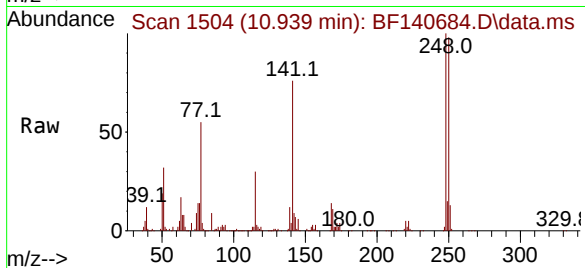




#67
4-Bromophenyl-phenylether
Concen: 48.279 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

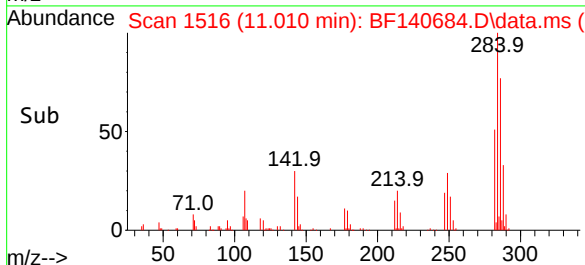
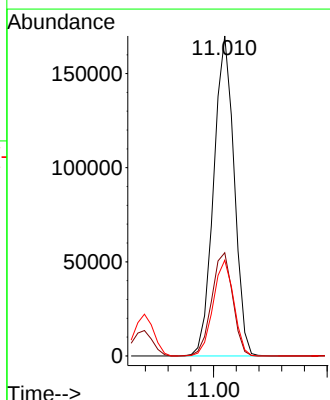
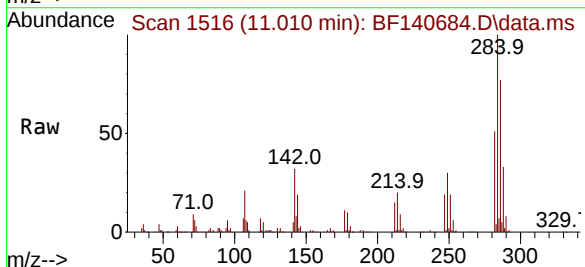
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

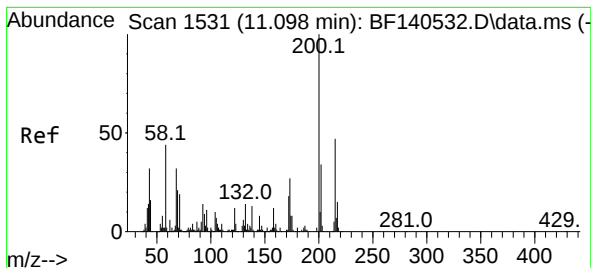
Tgt Ion:248 Resp: 181073
Ion Ratio Lower Upper
248 100
250 98.3 79.8 119.8
141 76.3 64.7 97.1



#68
Hexachlorobenzene
Concen: 48.897 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:284 Resp: 212351
Ion Ratio Lower Upper
284 100
142 32.3 25.3 37.9
249 29.9 24.8 37.2





#69

Atrazine

Concen: 60.208 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

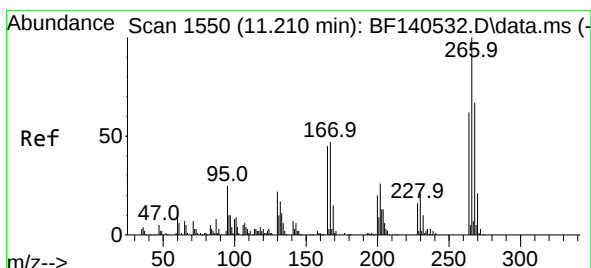
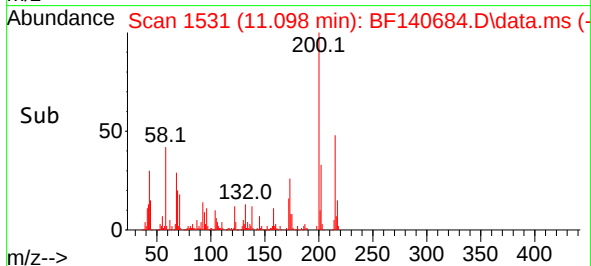
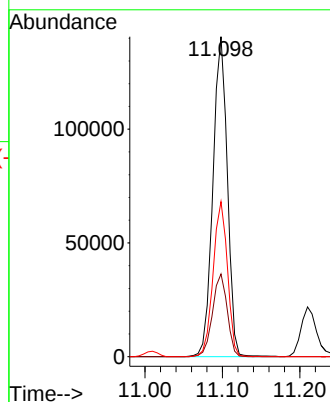
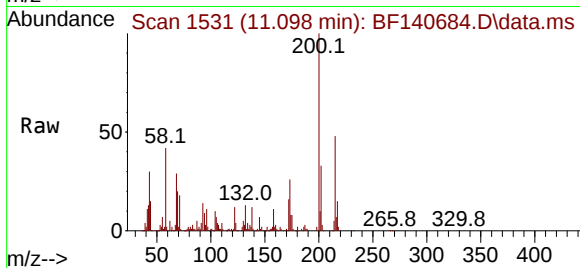
Tgt Ion:200 Resp: 182419

Ion Ratio Lower Upper

200 100

173 25.8 7.0 47.0

215 48.5 26.7 66.7



#70

Pentachlorophenol

Concen: 91.080 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

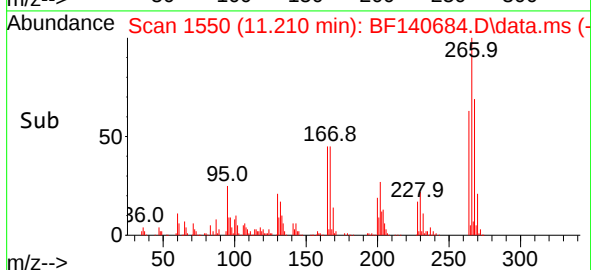
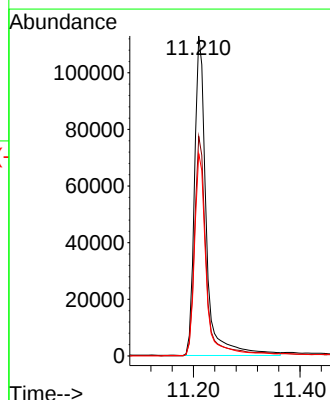
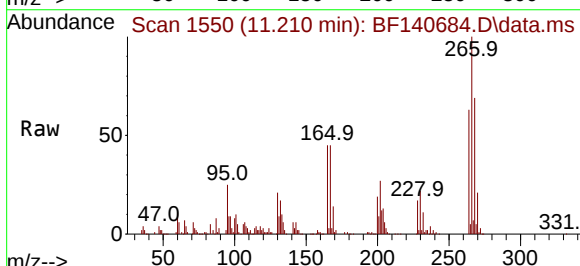
Tgt Ion:266 Resp: 174089

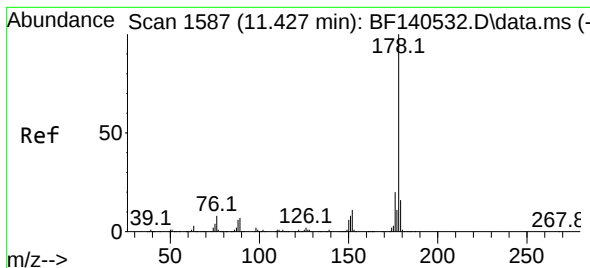
Ion Ratio Lower Upper

266 100

268 68.6 53.7 80.5

264 63.2 49.8 74.8





#71

Phenanthrene

Concen: 53.222 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

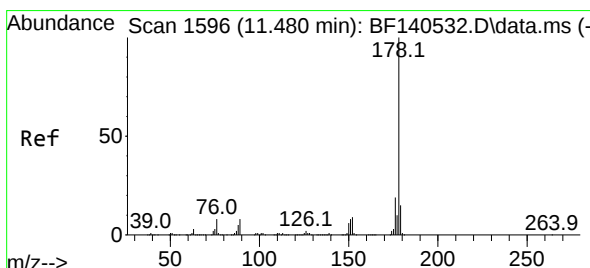
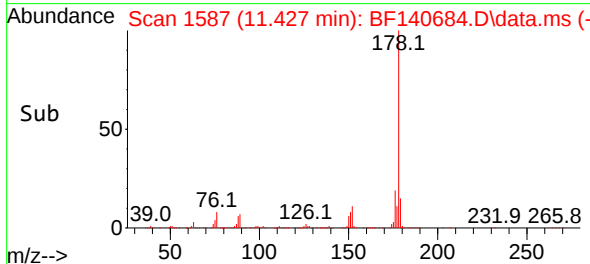
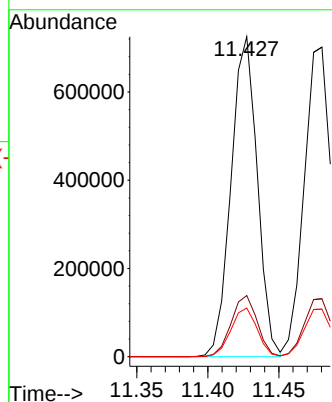
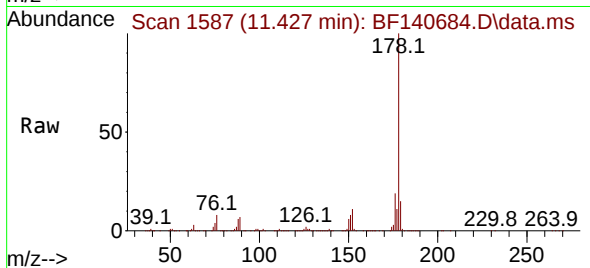
Tgt Ion:178 Resp: 931722

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

179 15.2 12.4 18.6



#72

Anthracene

Concen: 54.639 ng

RT: 11.480 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

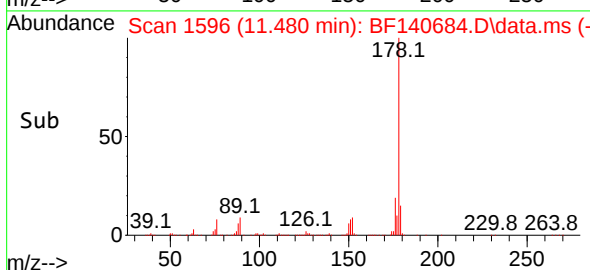
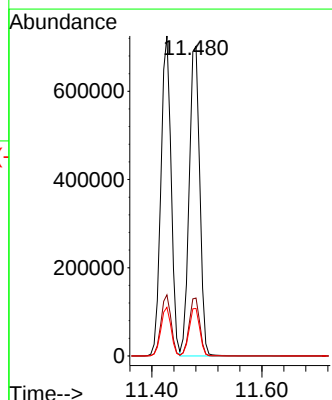
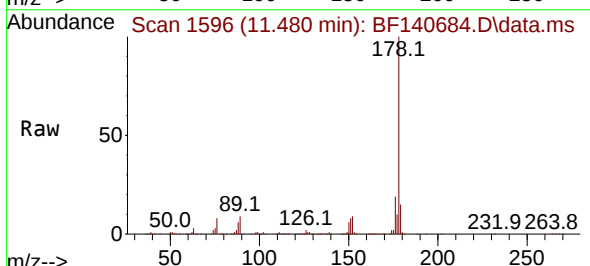
Tgt Ion:178 Resp: 935656

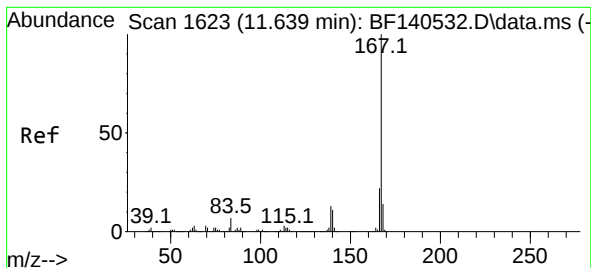
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.4 12.2 18.4





#73

Carbazole

Concen: 52.854 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

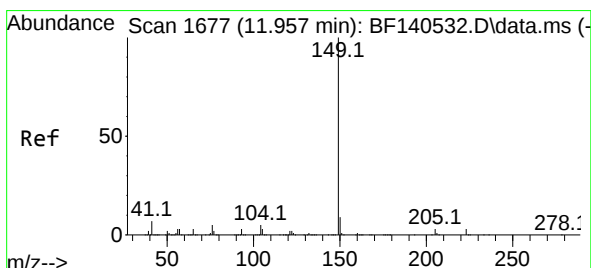
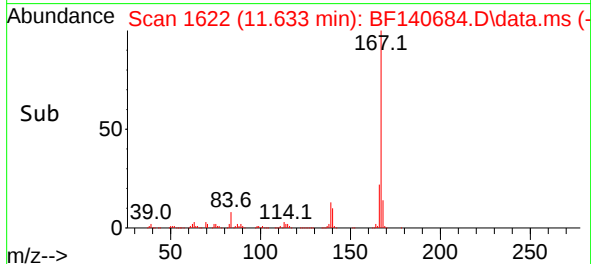
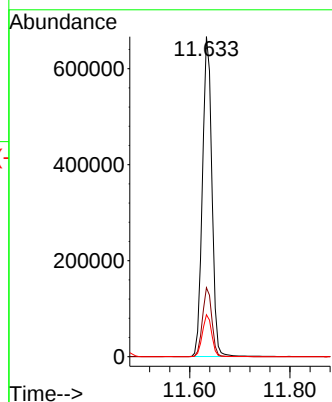
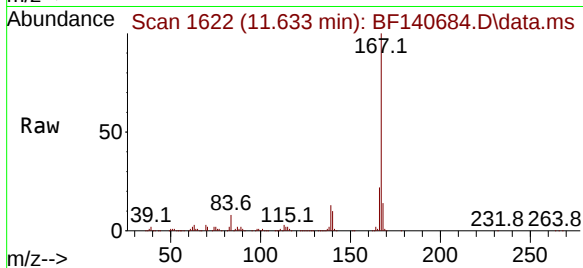
Tgt Ion:167 Resp: 870701

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 51.635 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

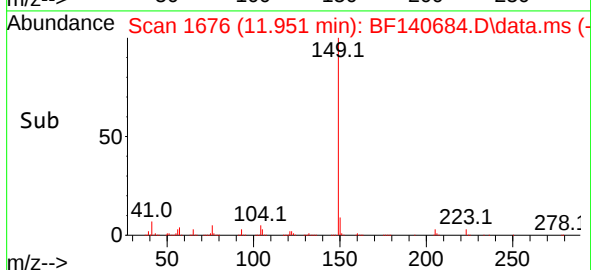
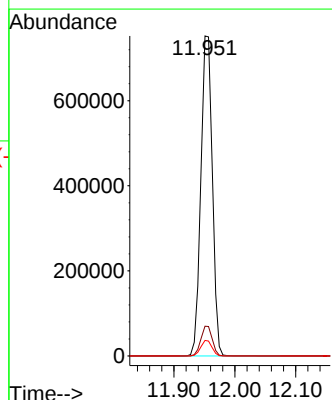
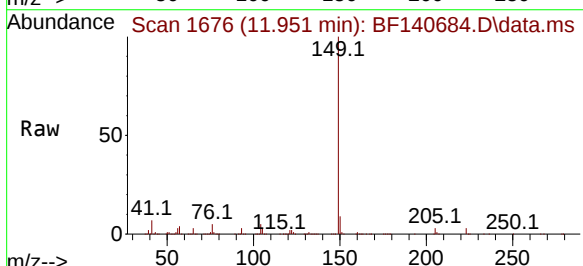
Tgt Ion:149 Resp: 982036

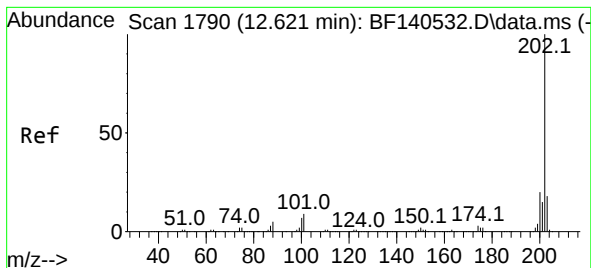
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 46.815 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

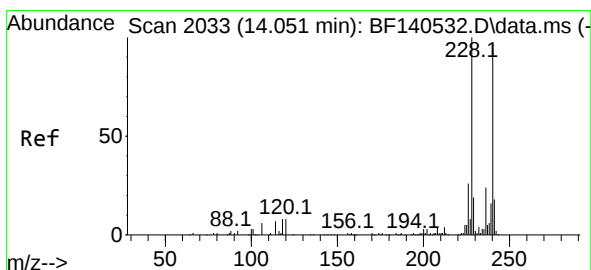
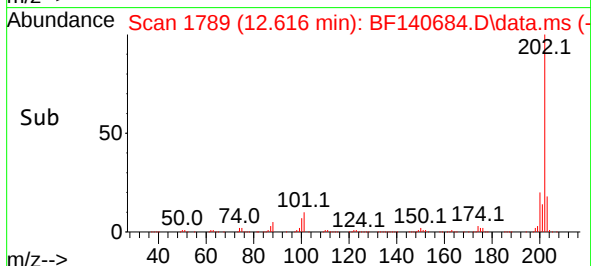
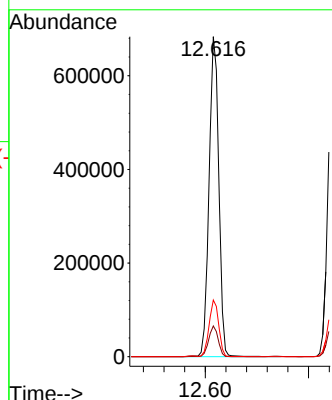
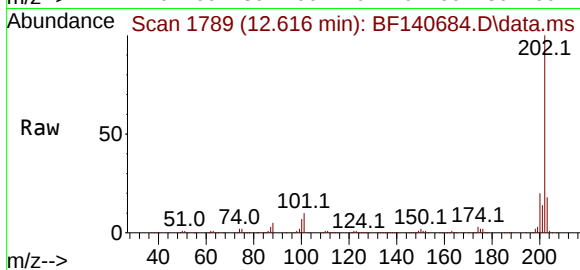
Tgt Ion:202 Resp: 889820

Ion Ratio Lower Upper

202 100

101 9.6 0.0 28.9

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

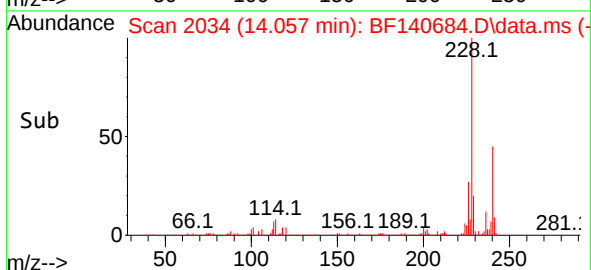
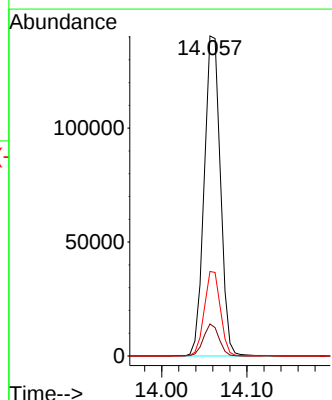
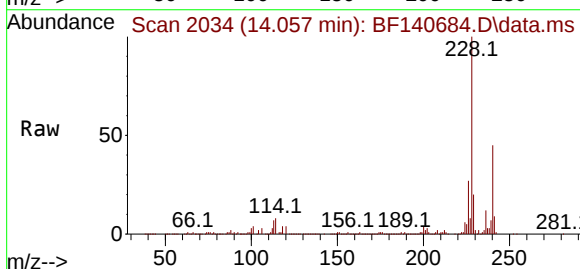
Tgt Ion:240 Resp: 185704

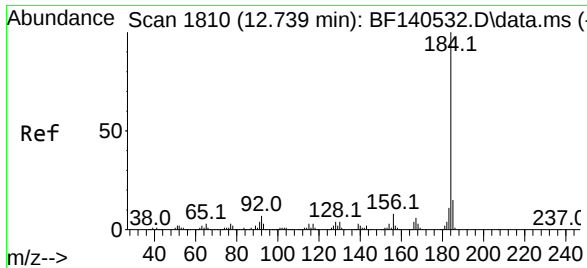
Ion Ratio Lower Upper

240 100

120 10.0 7.3 10.9

236 26.4 20.6 31.0

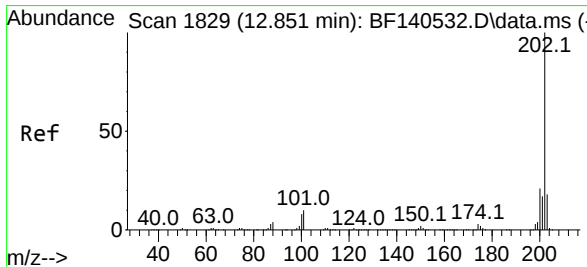
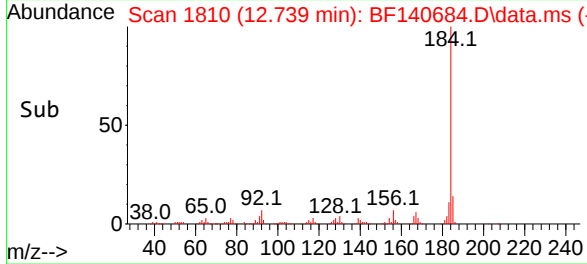
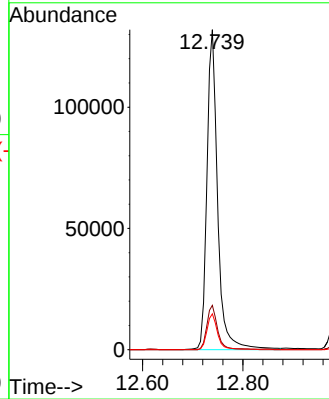
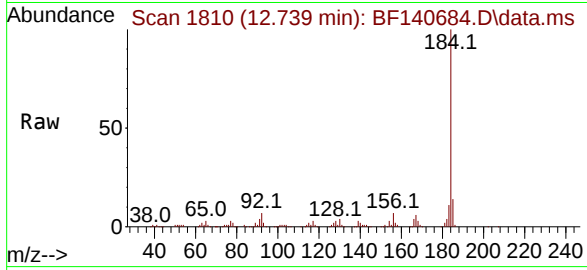




#77
Benzidine
Concen: 36.291 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

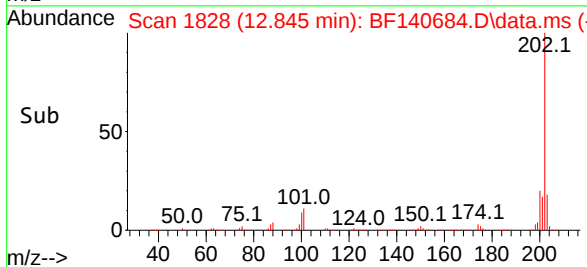
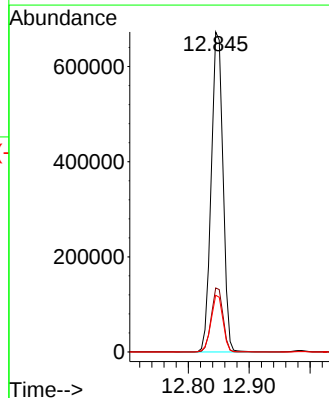
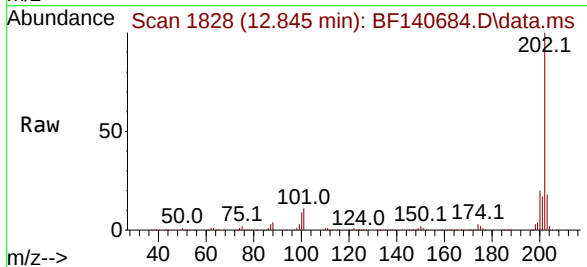
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

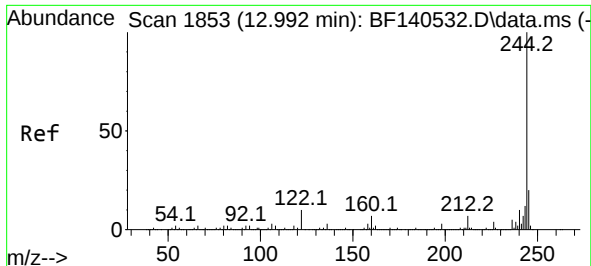
Tgt Ion:184 Resp: 195942
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 11.2 8.8 13.2



#78
Pyrene
Concen: 52.535 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:202 Resp: 902064
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 17.7 14.2 21.4

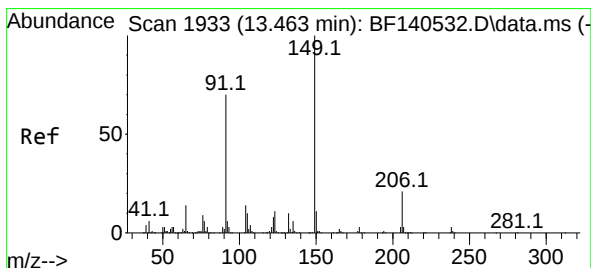
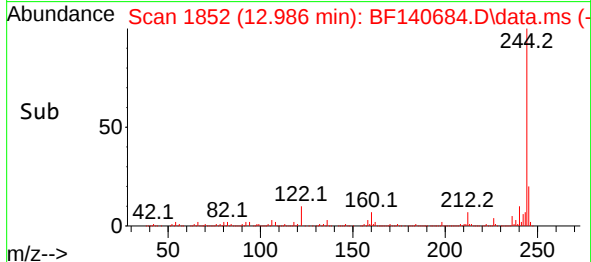
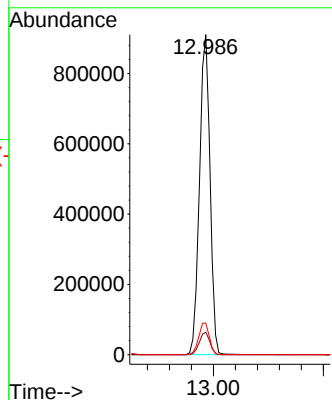
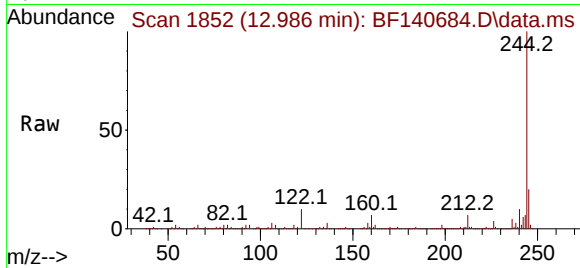




#79
 Terphenyl-d14
 Concen: 101.486 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140684.D
 Acq: 02 Dec 2024 11:49

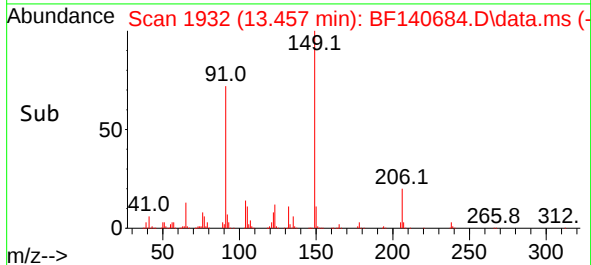
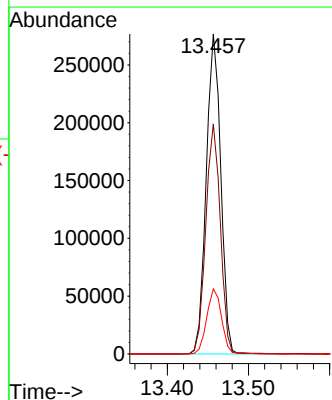
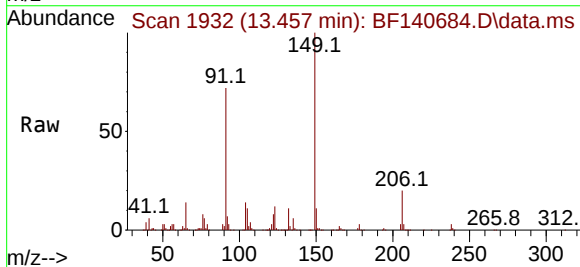
Instrument :
 BNA_F
 ClientSampleId :
 PB165296BSD

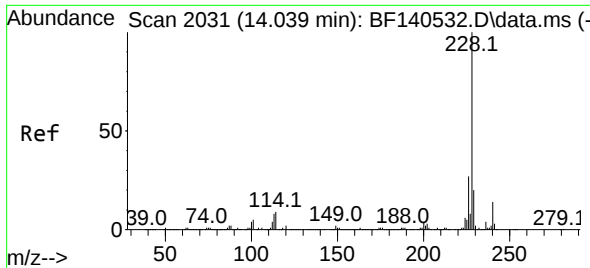
Tgt Ion:244 Resp: 1210322
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.8 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 55.593 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140684.D
 Acq: 02 Dec 2024 11:49

Tgt Ion:149 Resp: 343875
 Ion Ratio Lower Upper
 149 100
 91 71.9 56.2 84.2
 206 20.3 16.4 24.6

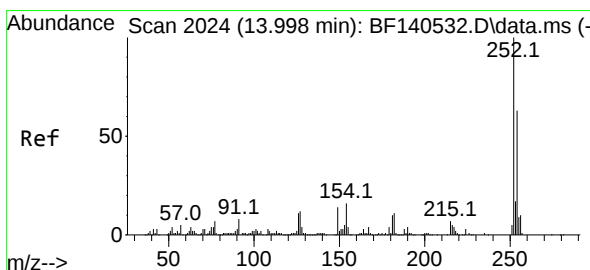
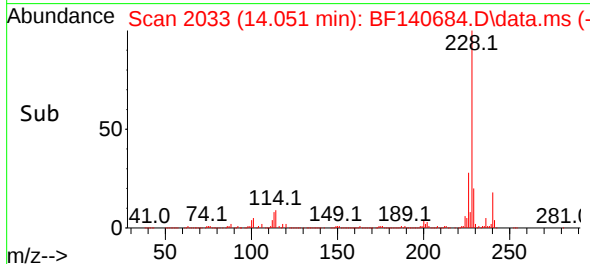
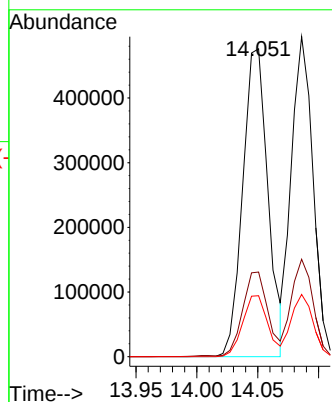
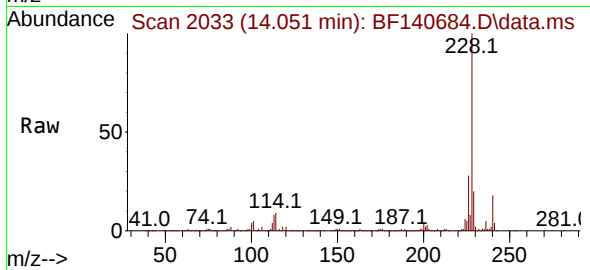




#81
Benzo(a)anthracene
Concen: 55.984 ng
RT: 14.051 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

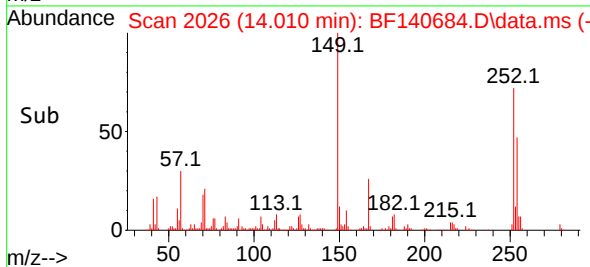
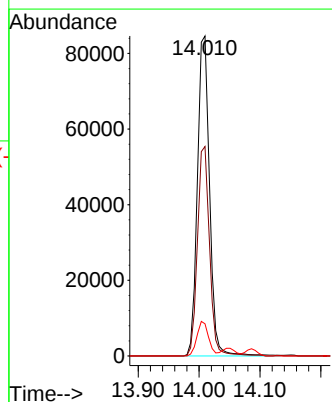
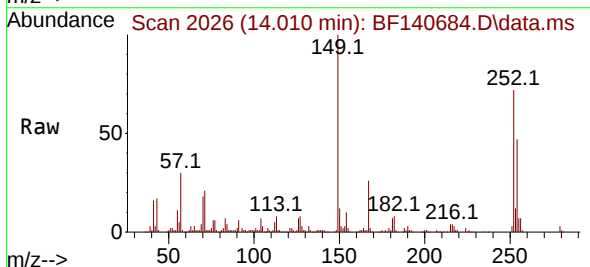
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

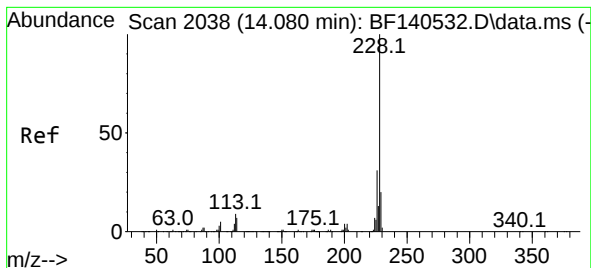
Tgt Ion:228 Resp: 688198
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 31.853 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:252 Resp: 117561
Ion Ratio Lower Upper
252 100
254 65.4 50.8 76.2
126 10.0 8.6 13.0





#83

Chrysene

Concen: 54.871 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

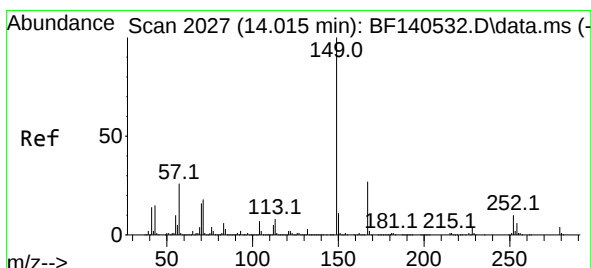
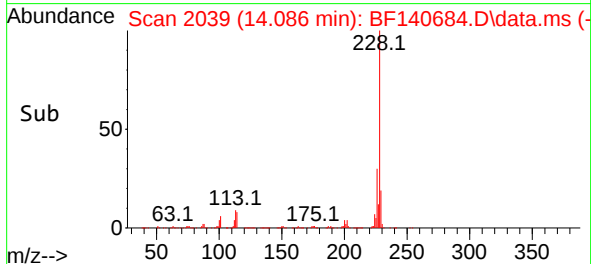
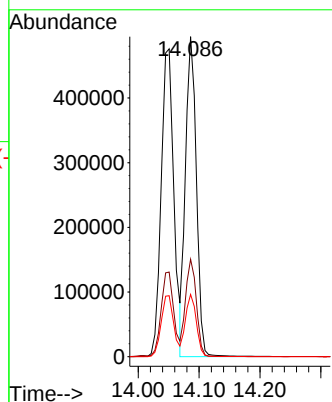
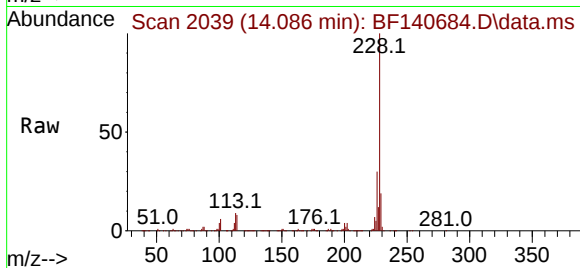
Tgt Ion:228 Resp: 616772

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.873 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

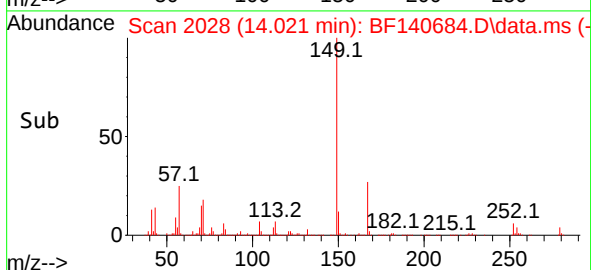
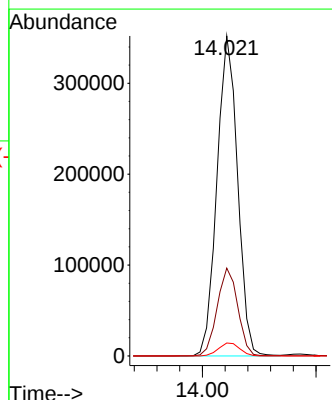
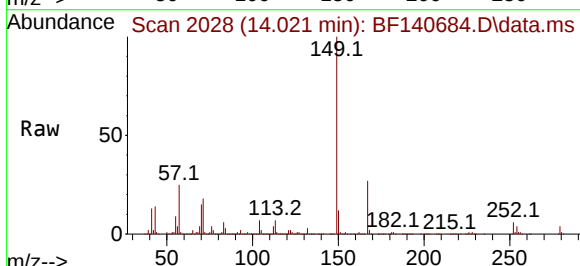
Tgt Ion:149 Resp: 444208

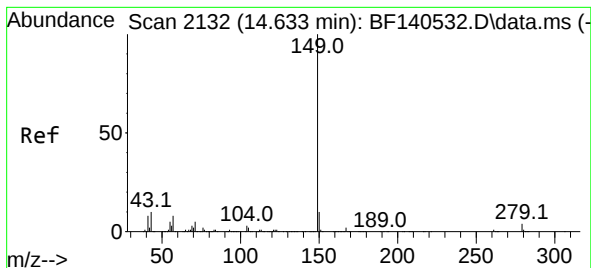
Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 62.062 ng

RT: 14.662 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

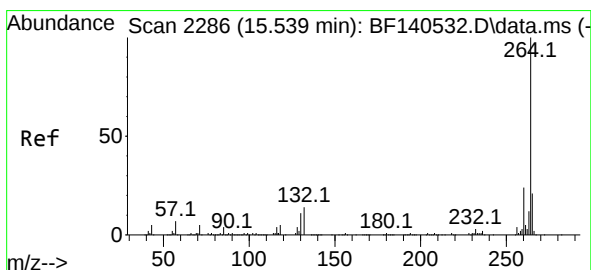
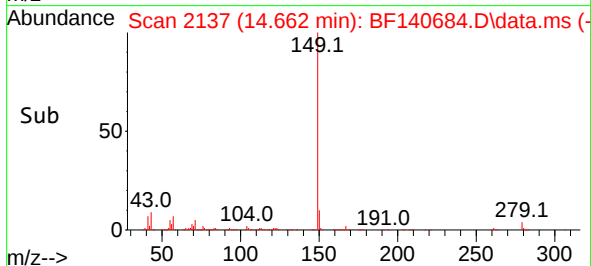
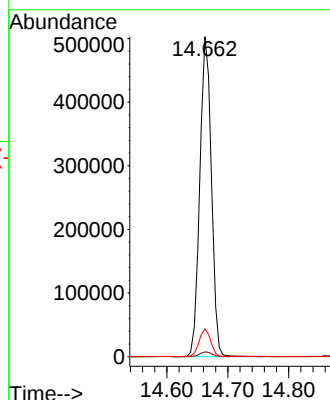
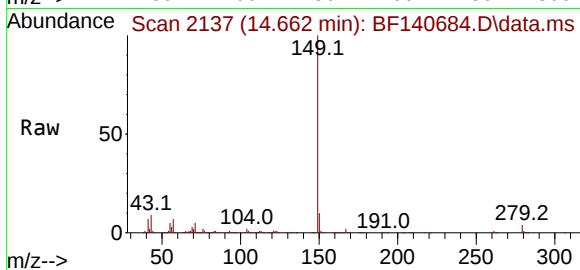
Tgt Ion:149 Resp: 662453

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.035 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

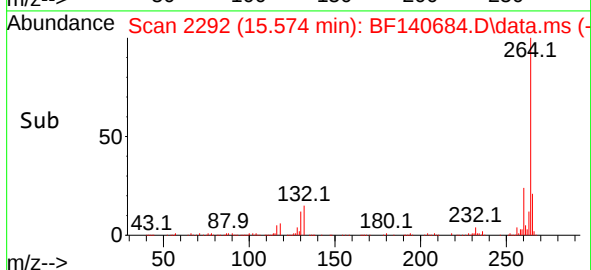
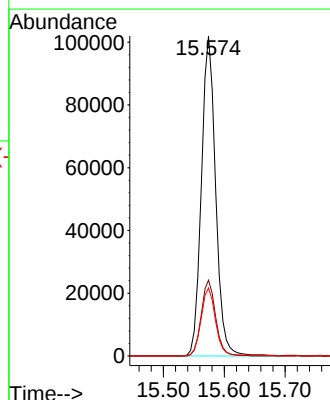
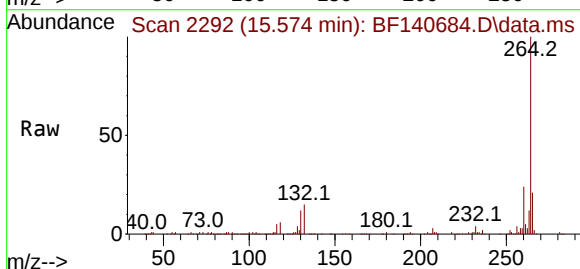
Tgt Ion:264 Resp: 166131

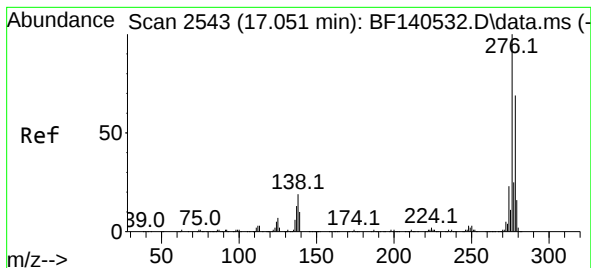
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.867 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

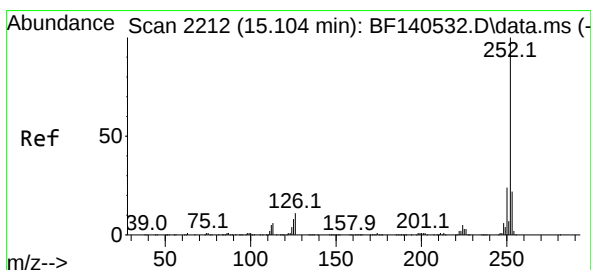
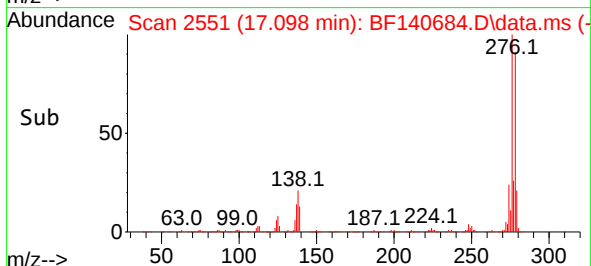
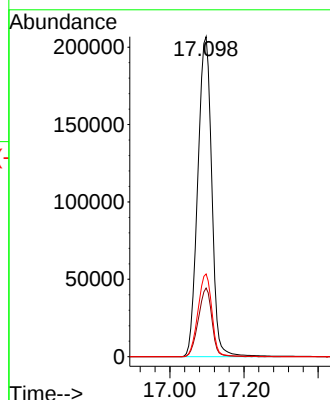
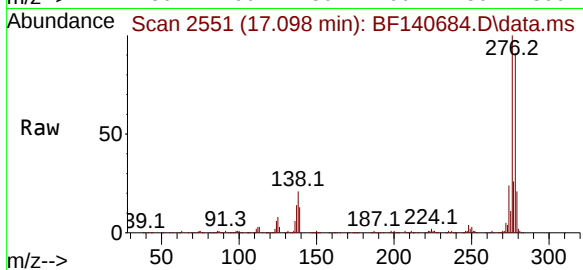
Tgt Ion:276 Resp: 539894

Ion Ratio Lower Upper

276 100

138 20.8 15.5 23.3

277 25.7 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 55.482 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.029 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

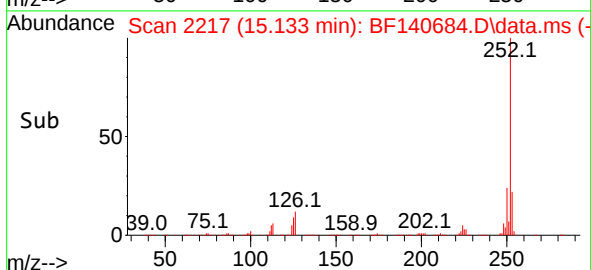
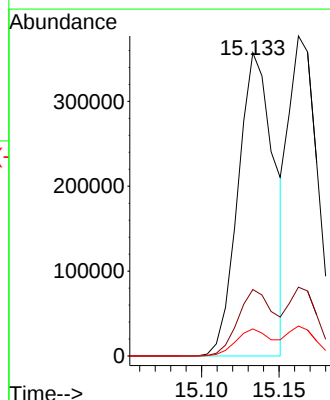
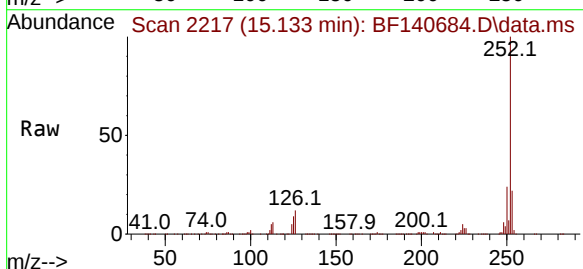
Tgt Ion:252 Resp: 578953

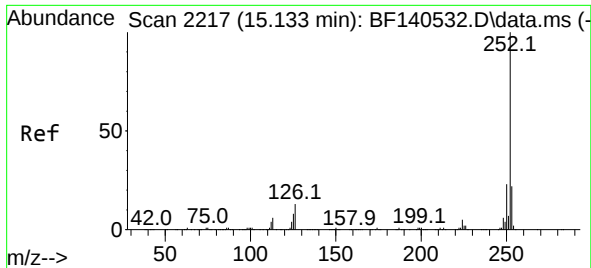
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.9 6.7 10.1

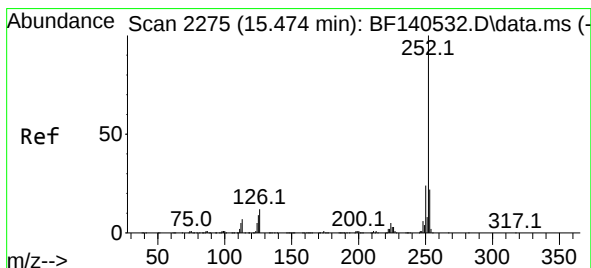
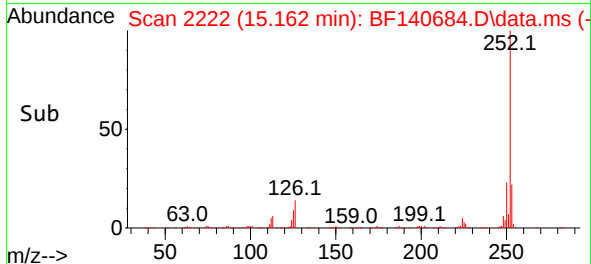
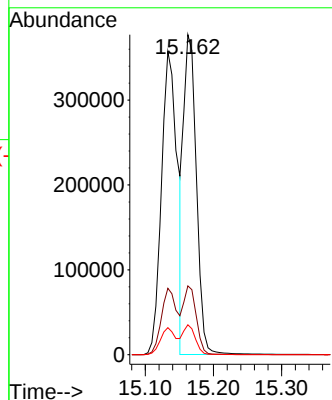
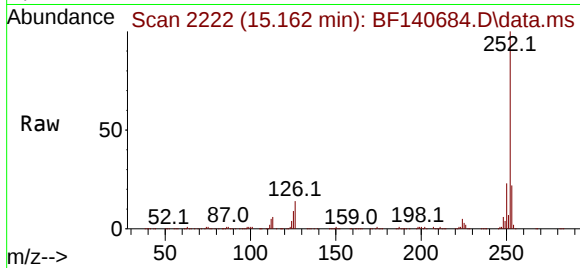




#89
Benzo(k)fluoranthene
Concen: 53.971 ng
RT: 15.162 min Scan# 211
Delta R.T. 0.029 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

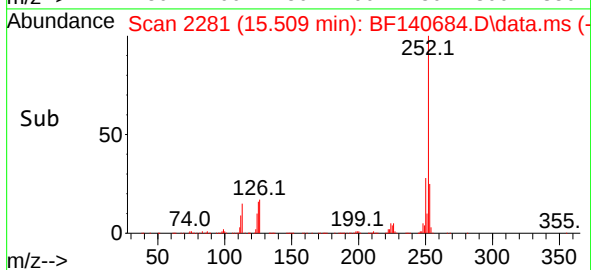
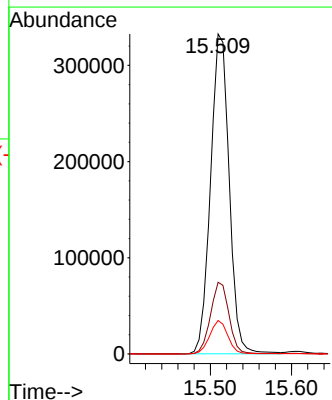
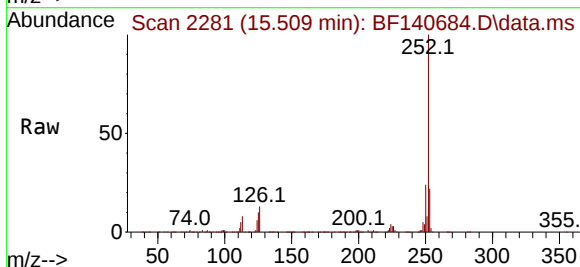
Instrument :
BNA_F
ClientSampleId :
PB165296BSD

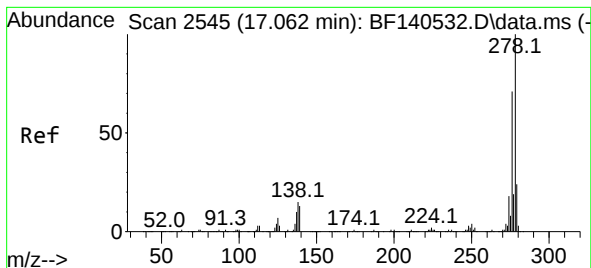
Tgt Ion:252 Resp: 492833
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.3 6.5 9.7



#90
Benzo(a)pyrene
Concen: 62.457 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.035 min
Lab File: BF140684.D
Acq: 02 Dec 2024 11:49

Tgt Ion:252 Resp: 529910
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 10.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 49.705 ng

RT: 17.103 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB165296BSD

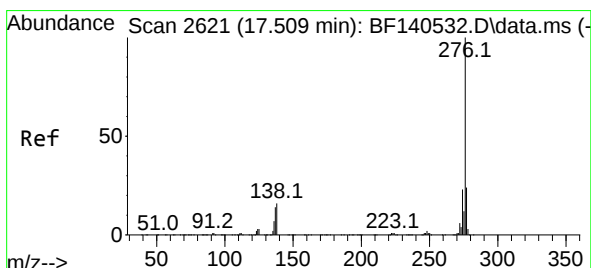
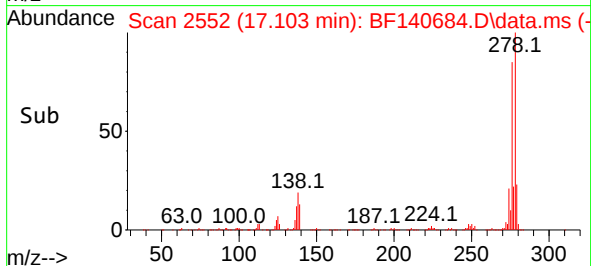
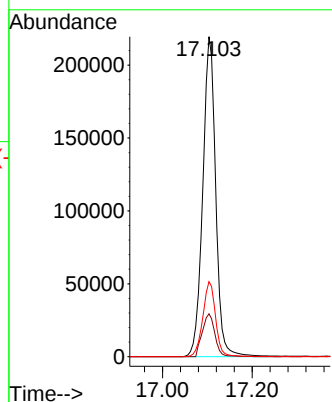
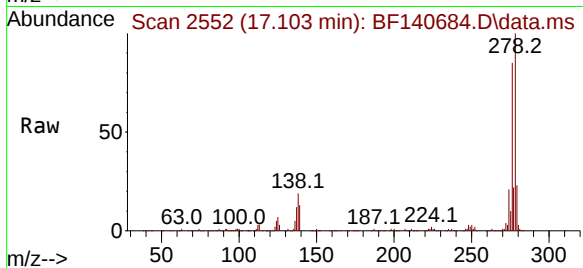
Tgt Ion:278 Resp: 440710

Ion Ratio Lower Upper

278 100

139 13.4 10.2 15.4

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 49.217 ng

RT: 17.551 min Scan# 2628

Delta R.T. 0.041 min

Lab File: BF140684.D

Acq: 02 Dec 2024 11:49

Tgt Ion:276 Resp: 445308

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 18.2 13.2 19.8

