

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139680.D
 Acq On : 07 Oct 2024 12:12
 Operator : RC/JU
 Sample : PB163905BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163905BSD

Quant Time: Oct 07 13:13:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	90983	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	357329	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	208611	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	411350	20.000	ng	0.00
76) Chrysene-d12	14.039	240	250047	20.000	ng	0.00
86) Perylene-d12	15.504	264	186311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	752651	143.382	ng	0.02
7) Phenol-d6	6.510	99	1008497	142.864	ng	0.00
23) Nitrobenzene-d5	7.434	82	661661	93.751	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	289582	143.799	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1225391	90.177	ng	0.00
79) Terphenyl-d14	12.980	244	1494314	98.058	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	95829	42.225	ng	99
3) Pyridine	3.481	79	253976	46.014	ng	99
4) n-Nitrosodimethylamine	3.440	42	179500	49.683	ng	95
6) Aniline	6.534	93	358570	57.242	ng	# 88
8) 2-Chlorophenol	6.657	128	295254	52.499	ng	98
9) Benzaldehyde	6.416	77	94961	25.395	ng	99
10) Phenol	6.522	94	388435	52.330	ng	87
11) bis(2-Chloroethyl)ether	6.604	93	296677	49.089	ng	99
12) 1,3-Dichlorobenzene	6.810	146	302793	47.859	ng	100
13) 1,4-Dichlorobenzene	6.887	146	305410	47.662	ng	100
14) 1,2-Dichlorobenzene	7.040	146	293296	48.838	ng	99
15) Benzyl Alcohol	7.016	79	277918	51.527	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	520389	49.738	ng	77
17) 2-Methylphenol	7.128	107	242807	51.715	ng	98
18) Hexachloroethane	7.381	117	114345	47.842	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	224987	49.574	ng	99
20) 3+4-Methylphenols	7.281	107	304355	51.610	ng	95
22) Acetophenone	7.281	105	410442	48.390	ng	99
24) Nitrobenzene	7.457	77	340782	46.630	ng	99
25) Isophorone	7.692	82	618699	49.357	ng	100
26) 2-Nitrophenol	7.769	139	160470	51.077	ng	100
27) 2,4-Dimethylphenol	7.810	122	233525	60.717	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	358266	47.863	ng	99
29) 2,4-Dichlorophenol	8.016	162	255411	50.912	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	257304	45.353	ng	99
31) Naphthalene	8.175	128	879879	48.160	ng	100
32) Benzoic acid	7.945	122	191741	50.136	ng	99
33) 4-Chloroaniline	8.222	127	149362	24.152	ng	99
34) Hexachlorobutadiene	8.287	225	165215	45.000	ng	100
35) Caprolactam	8.598	113	54788	33.297	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	295035	51.953	ng	99
37) 2-Methylnaphthalene	8.863	142	577238	48.512	ng	100
38) 1-Methylnaphthalene	8.963	142	540584	46.478	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	269353	46.498	ng	99
41) Hexachlorocyclopentadiene	9.016	237	313990	176.773	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	190860	48.874	ng	98

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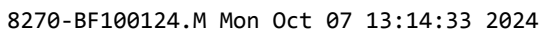
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	207204	49.201	ng	99
46) 1,1'-Biphenyl	9.328	154	730588	47.087	ng	100
47) 2-Chloronaphthalene	9.357	162	542346	46.626	ng	99
48) 2-Nitroaniline	9.451	65	218087	52.230	ng	98
49) Acenaphthylene	9.769	152	921603	52.099	ng	100
50) Dimethylphthalate	9.633	163	691686	50.651	ng	100
51) 2,6-Dinitrotoluene	9.698	165	151311	49.050	ng	95
52) Acenaphthene	9.945	154	562251	46.300	ng	99
53) 3-Nitroaniline	9.863	138	119892	38.032	ng	98
54) 2,4-Dinitrophenol	9.975	184	186896	112.642	ng	99
55) Dibenzofuran	10.116	168	833919	49.046	ng	100
56) 4-Nitrophenol	10.039	139	254341	105.800	ng	95
57) 2,4-Dinitrotoluene	10.104	165	203814	50.547	ng	95
58) Fluorene	10.457	166	672365	49.649	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	181462	53.349	ng	99
60) Diethylphthalate	10.333	149	710453	50.369	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	325619	48.061	ng	99
62) 4-Nitroaniline	10.486	138	169865	52.679	ng	99
63) Azobenzene	10.610	77	721131	50.838	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	123504	53.161	ng	98
66) n-Nitrosodiphenylamine	10.569	169	596114	49.164	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	199975	47.414	ng	99
68) Hexachlorobenzene	11.004	284	223722	47.803	ng	99
69) Atrazine	11.098	200	196775	60.487	ng	98
70) Pentachlorophenol	11.204	266	264415	94.884	ng	100
71) Phenanthrene	11.422	178	966712	49.842	ng	99
72) Anthracene	11.475	178	998621	52.044	ng	100
73) Carbazole	11.628	167	943818	51.213	ng	100
74) Di-n-butylphthalate	11.951	149	1134711	50.633	ng	100
75) Fluoranthene	12.610	202	1082267	51.045	ng	100
77) Benzidine	12.727	184	396181	89.826	ng	100
78) Pyrene	12.839	202	1115202	49.866	ng	99
80) Butylbenzylphthalate	13.451	149	442444	55.310	ng	99
81) Benzo(a)anthracene	14.027	228	856743	52.114	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	196345	39.025	ng	99
83) Chrysene	14.063	228	769477	51.196	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	578609	57.926	ng	99
85) Di-n-octyl phthalate	14.621	149	813211	55.416	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	585233	53.369	ng	99
88) Benzo(b)fluoranthene	15.074	252	633260	52.568	ng	100
89) Benzo(k)fluoranthene	15.104	252	516771	50.571	ng	100
90) Benzo(a)pyrene	15.445	252	520239	54.770	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	476695	52.412	ng	98
92) Benzo(g,h,i)perylene	17.433	276	452315	49.587	ng	100

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

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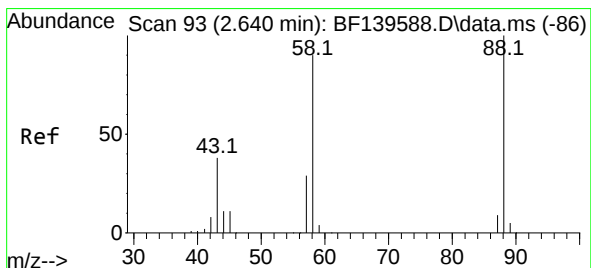
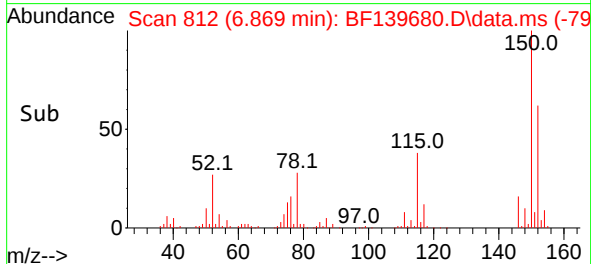
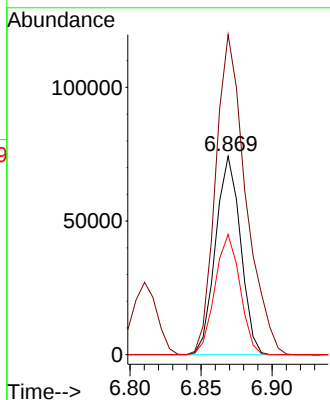
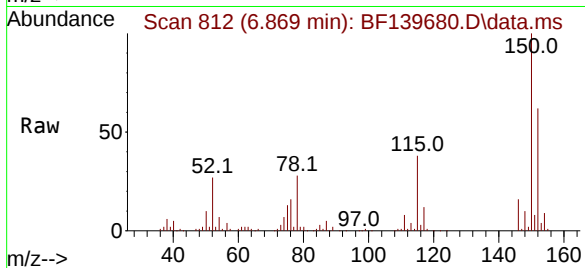




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF139680.D
 Acq: 07 Oct 2024 12:12

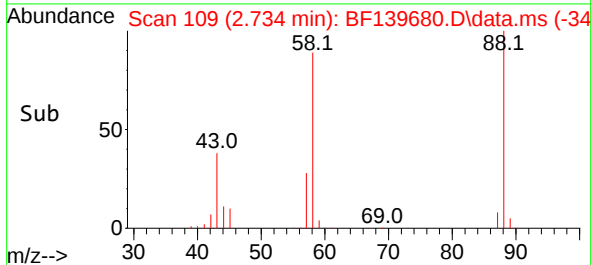
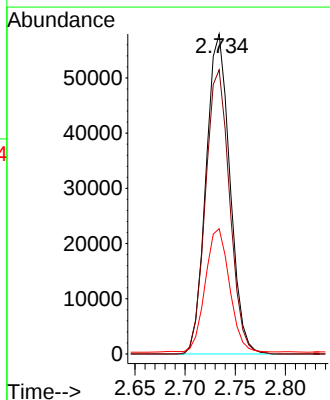
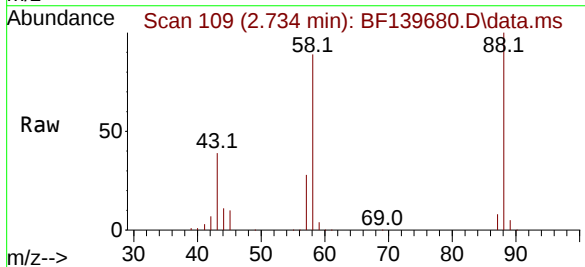
Instrument :
 BNA_F
 ClientSampleId :
 PB163905BSD

Tgt Ion:152 Resp: 90983
 Ion Ratio Lower Upper
 152 100
 150 161.3 127.2 190.8
 115 60.6 49.0 73.4



#2
 1,4-Dioxane
 Concen: 42.225 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.094 min
 Lab File: BF139680.D
 Acq: 07 Oct 2024 12:12

Tgt Ion: 88 Resp: 95829
 Ion Ratio Lower Upper
 88 100
 58 89.8 72.0 108.0
 43 39.4 30.8 46.2





#3

Pyridine

Concen: 46.014 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

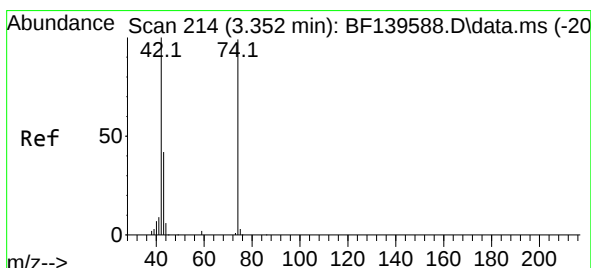
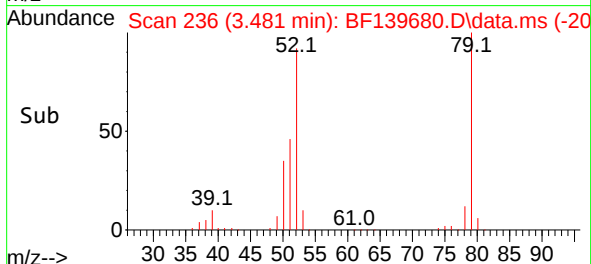
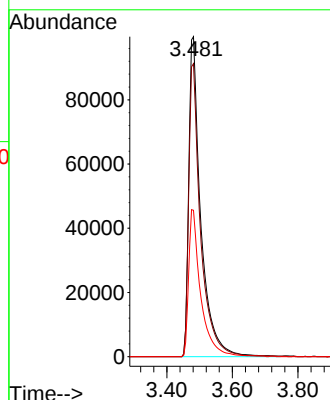
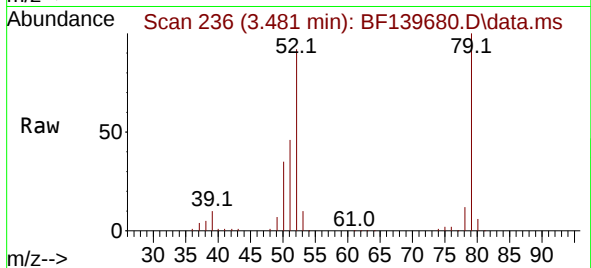
Tgt Ion: 79 Resp: 253976

Ion Ratio Lower Upper

79 100

52 91.5 72.6 109.0

51 45.7 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 49.683 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.088 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

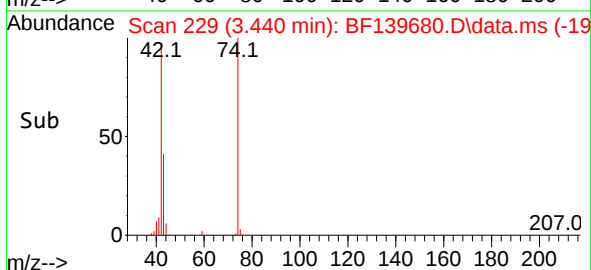
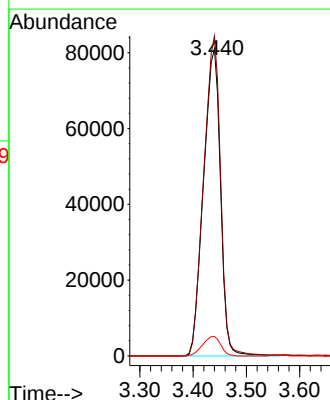
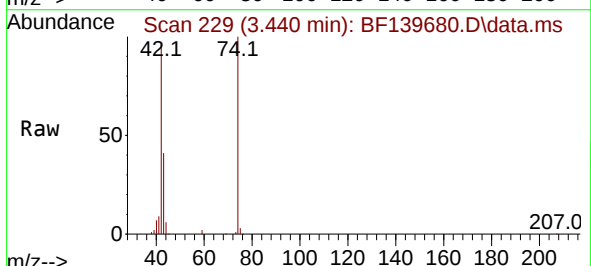
Tgt Ion: 42 Resp: 179500

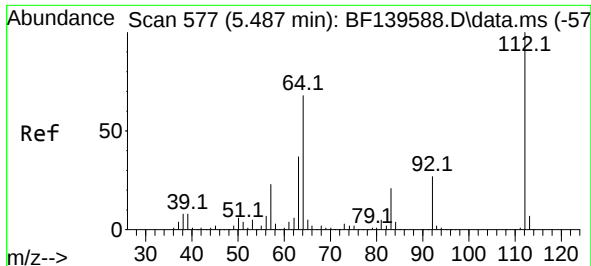
Ion Ratio Lower Upper

42 100

74 104.2 79.0 118.6

44 6.3 5.2 7.8

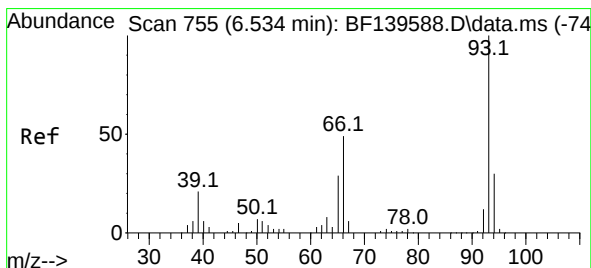
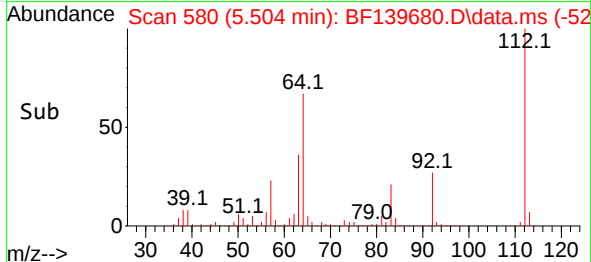
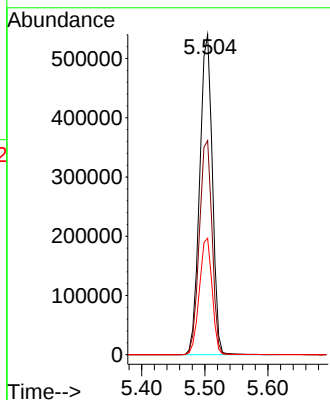
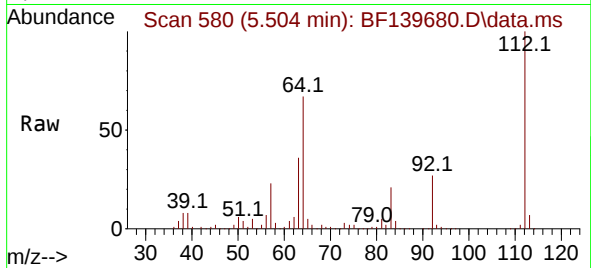




#5
2-Fluorophenol
Concen: 143.382 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

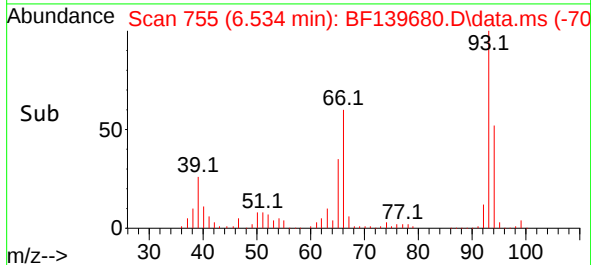
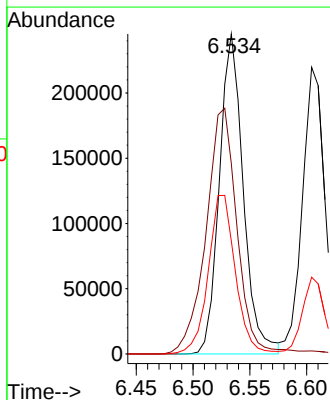
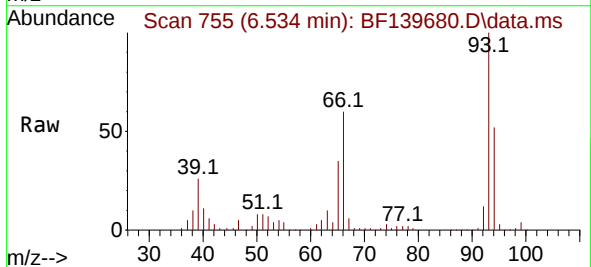
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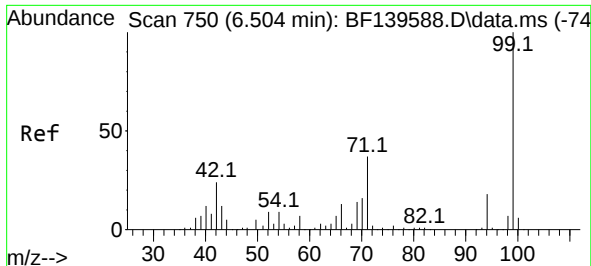
Tgt Ion:112 Resp: 752651
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.4
63 36.4 29.4 44.2



#6
Aniline
Concen: 57.242 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion: 93 Resp: 358570
Ion Ratio Lower Upper
93 100
66 59.5 40.9 61.3
65 35.3 23.3 34.9#





#7

Phenol-d6

Concen: 142.864 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

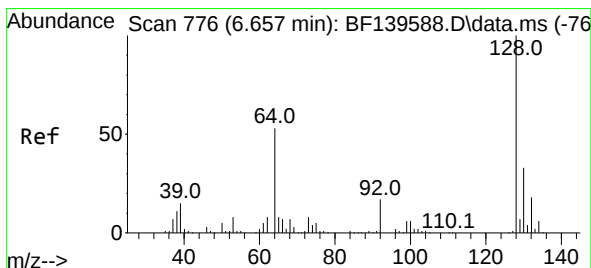
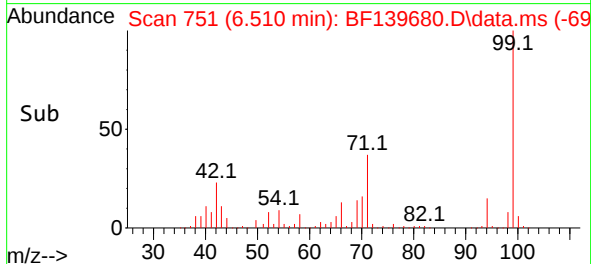
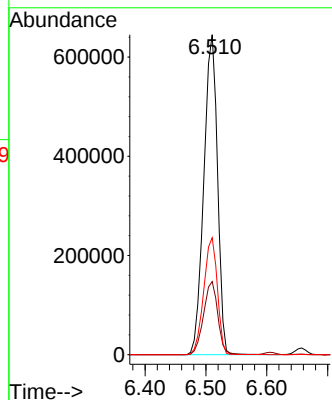
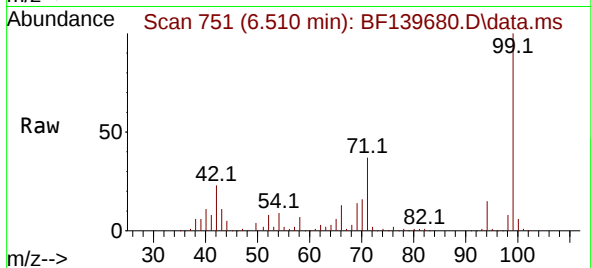
Tgt Ion: 99 Resp: 1008497

Ion Ratio Lower Upper

99 100

42 22.9 19.1 28.7

71 36.6 29.7 44.5



#8

2-Chlorophenol

Concen: 52.499 ng

RT: 6.657 min Scan# 776

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

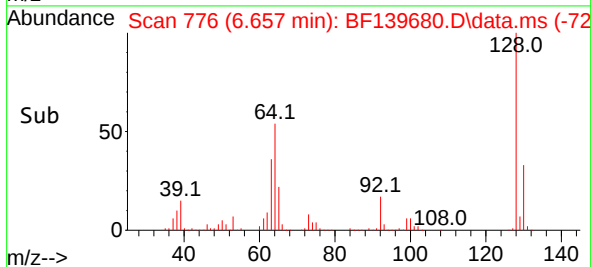
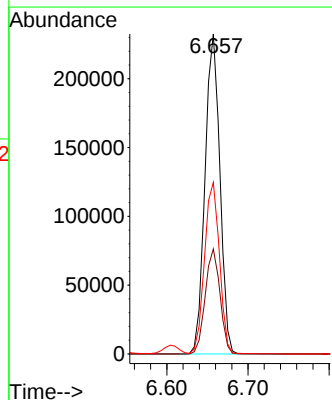
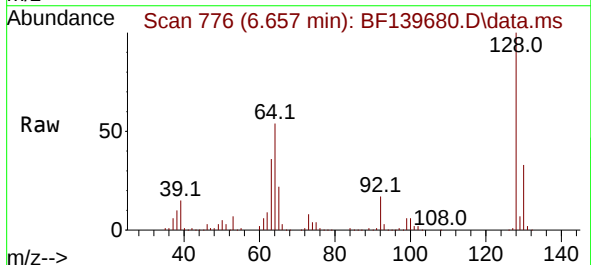
Tgt Ion: 128 Resp: 295254

Ion Ratio Lower Upper

128 100

130 32.8 13.2 53.2

64 53.6 35.1 75.1





#9

Benzaldehyde

Concen: 25.395 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

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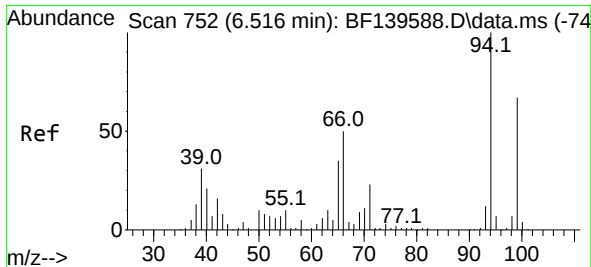
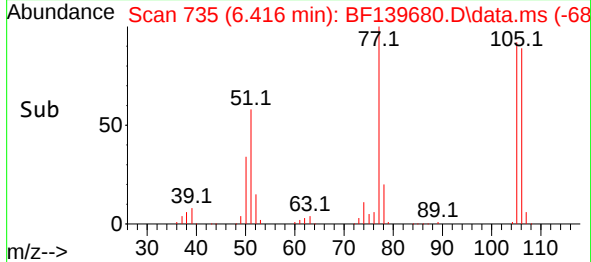
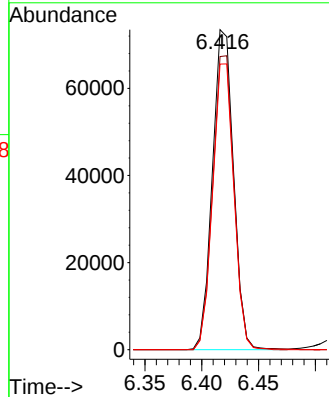
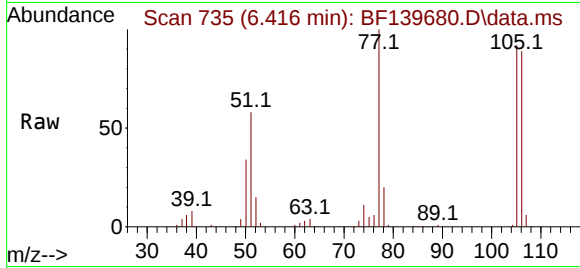
Tgt Ion: 77 Resp: 94961

Ion Ratio Lower Upper

77 100

105 91.6 72.7 112.7

106 89.3 70.1 110.1



#10

Phenol

Concen: 52.330 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

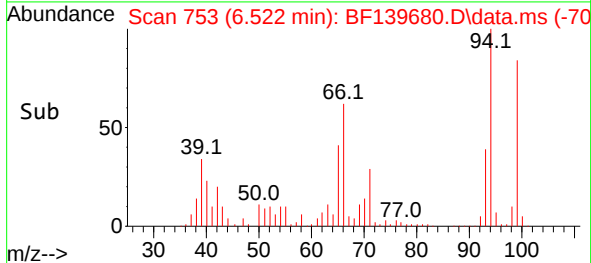
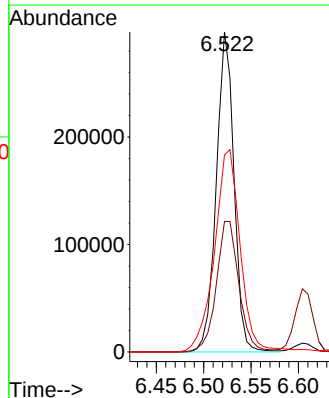
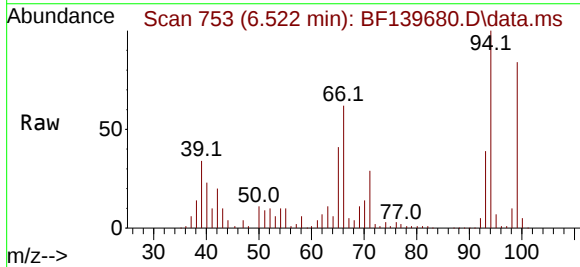
Tgt Ion: 94 Resp: 388435

Ion Ratio Lower Upper

94 100

65 40.8 15.3 55.3

66 61.5 30.5 70.5

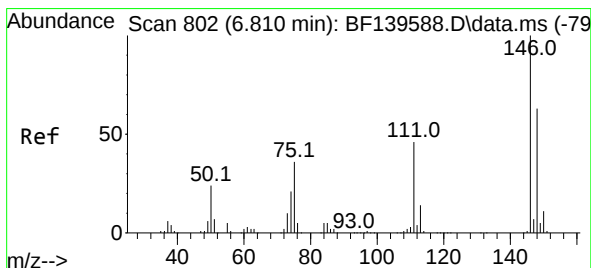
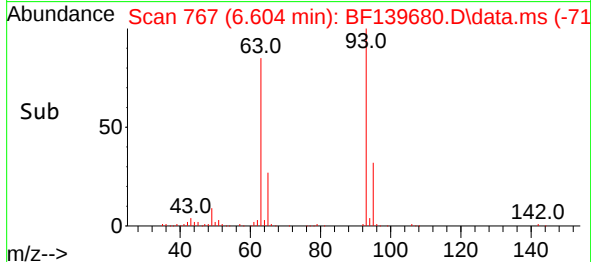
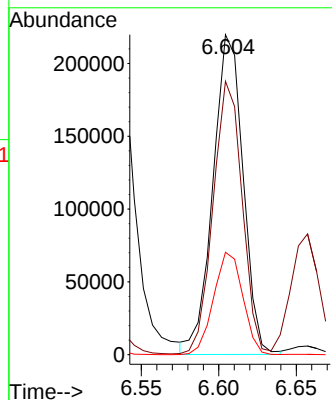
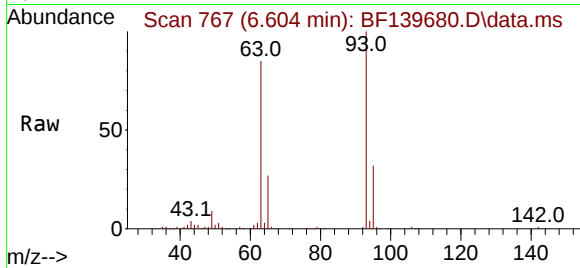




#11
bis(2-Chloroethyl)ether
Concen: 49.089 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

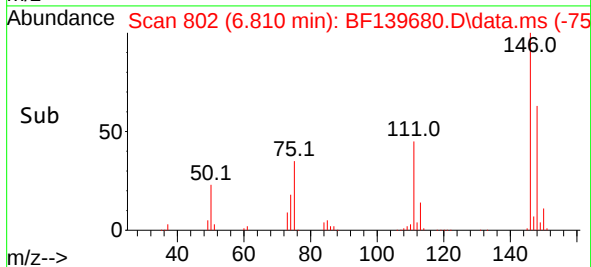
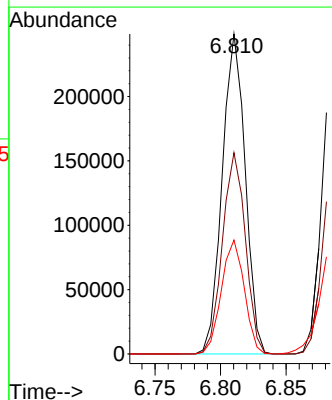
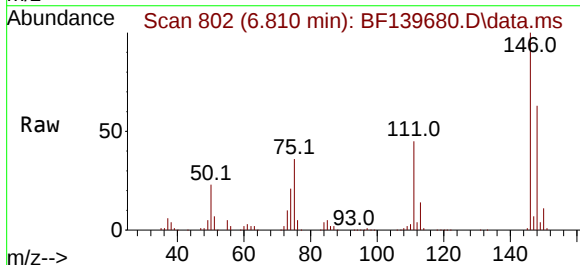
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

Tgt Ion: 93 Resp: 296677
Ion Ratio Lower Upper
93 100
63 85.4 64.1 104.1
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.859 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion: 146 Resp: 302793
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.4
75 35.6 28.5 42.7

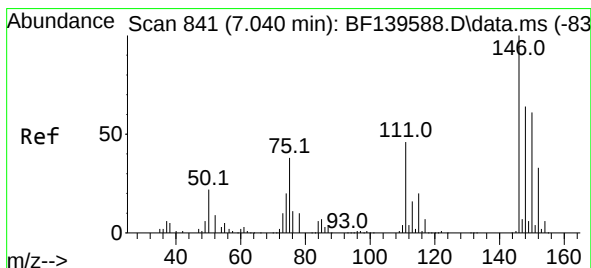
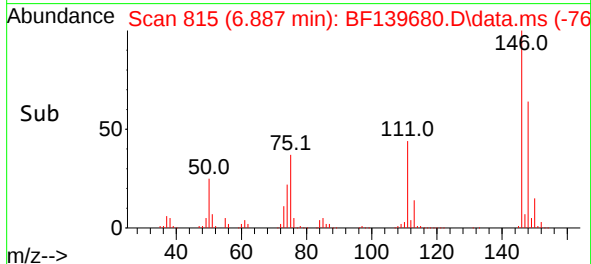
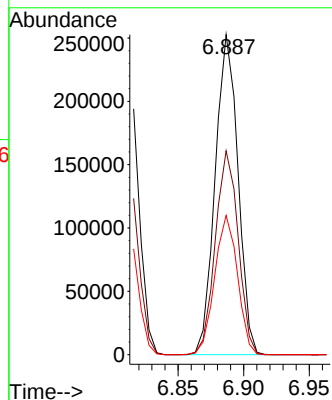
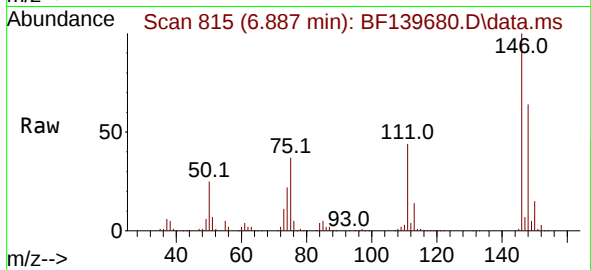




#13
1,4-Dichlorobenzene
Concen: 47.662 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

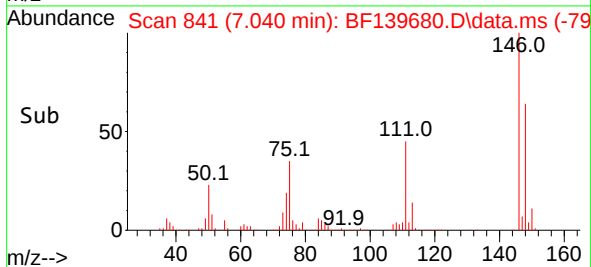
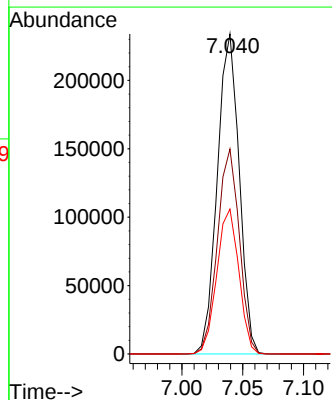
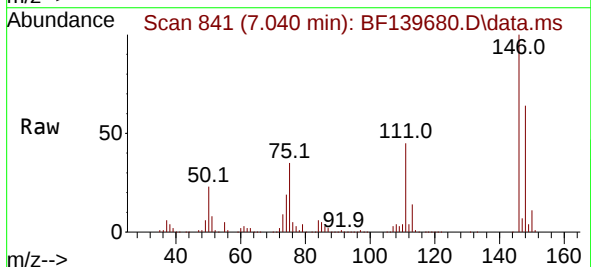
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

Tgt Ion:146 Resp: 305410
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 43.5 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 48.838 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:146 Resp: 293296
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 45.3 37.0 55.6

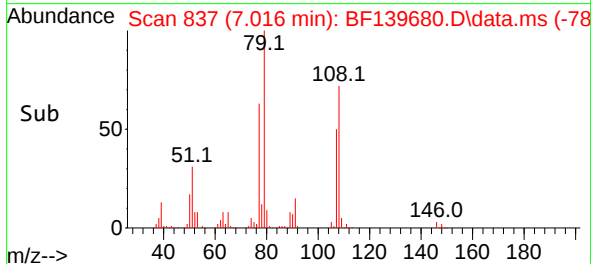
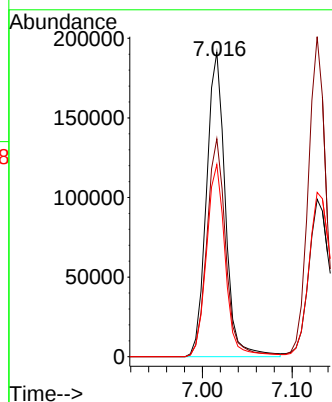
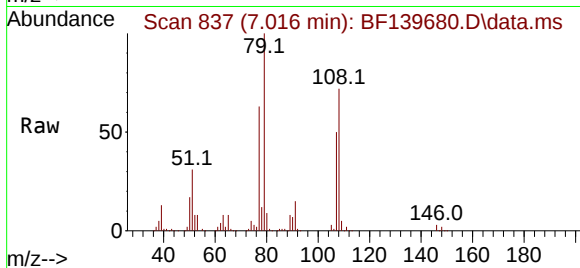




#15
Benzyl Alcohol
Concen: 51.527 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

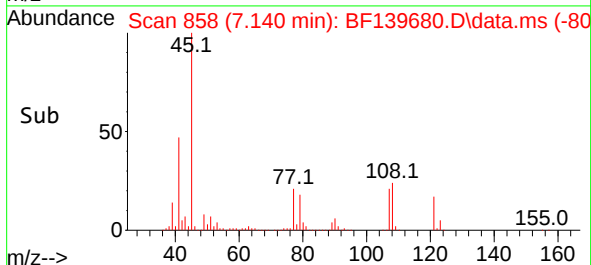
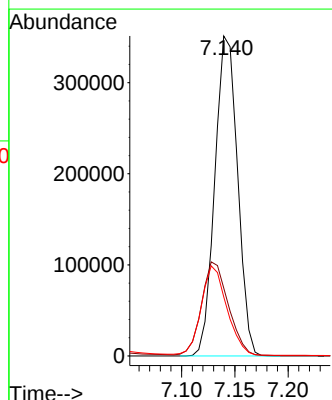
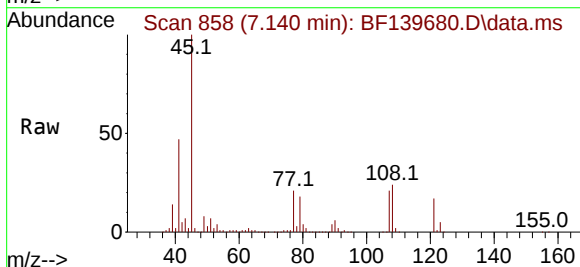
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

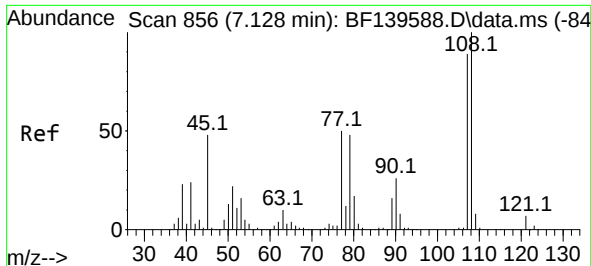
Tgt Ion: 79 Resp: 277918
Ion Ratio Lower Upper
79 100
108 71.6 55.1 82.7
77 63.1 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.738 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion: 45 Resp: 520389
Ion Ratio Lower Upper
45 100
77 21.2 0.0 32.5
79 18.5 0.0 29.7

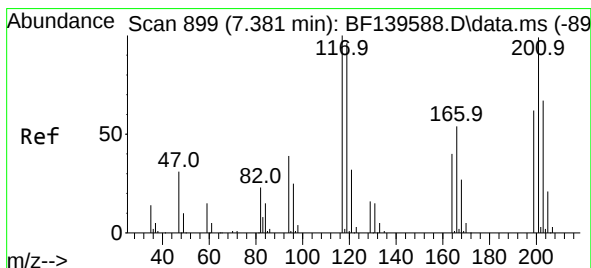
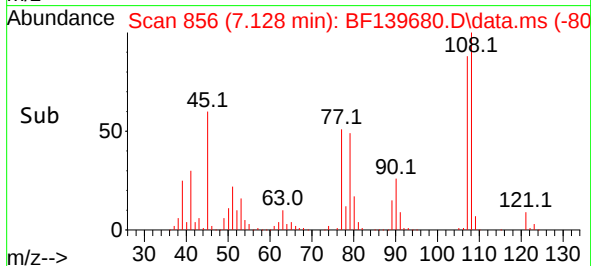
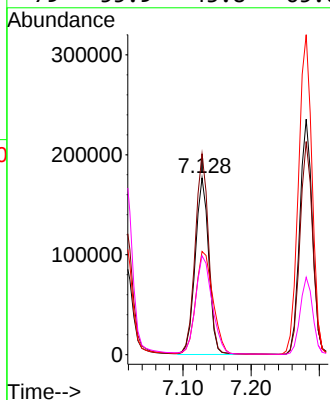
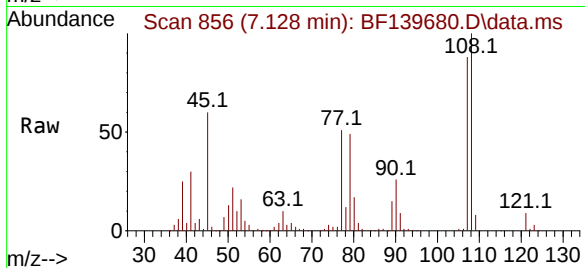




#17
2-Methylphenol
Concen: 51.715 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

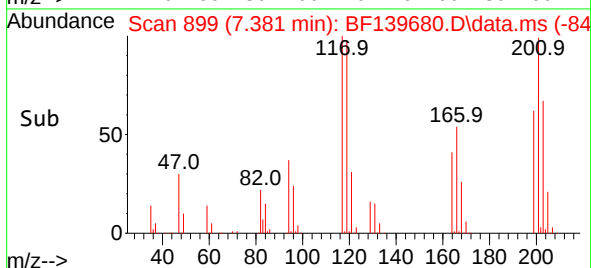
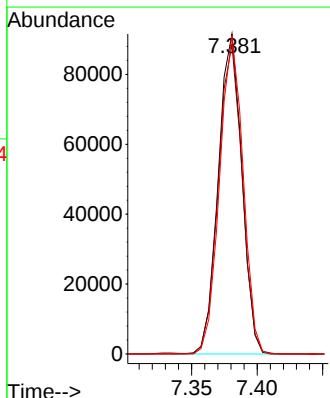
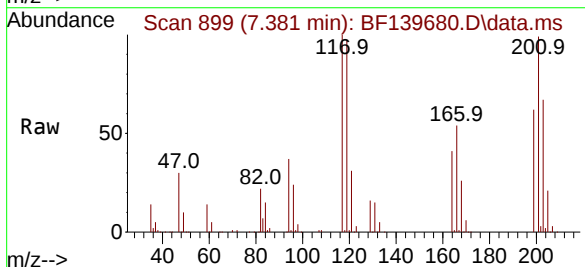
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

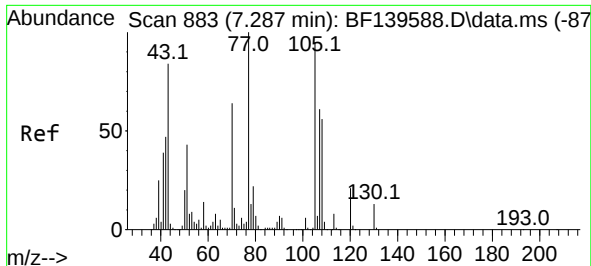
Tgt Ion:	107	Resp:	242807
Ion	Ratio	Lower	Upper
107	100		
108	113.7	89.8	134.6
77	58.4	44.6	67.0
79	55.9	43.8	65.6



#18
Hexachloroethane
Concen: 47.842 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:	117	Resp:	114345
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.6
201	99.4	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 49.574 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF139680.D

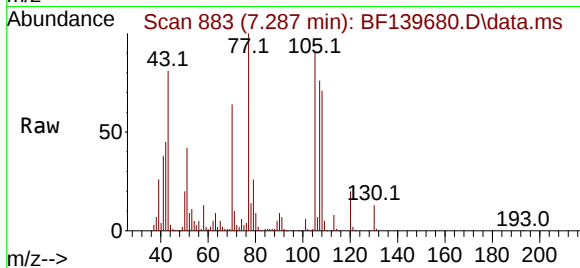
Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD



Tgt Ion: 70 Resp: 224987

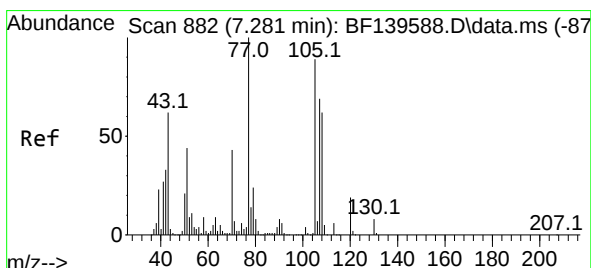
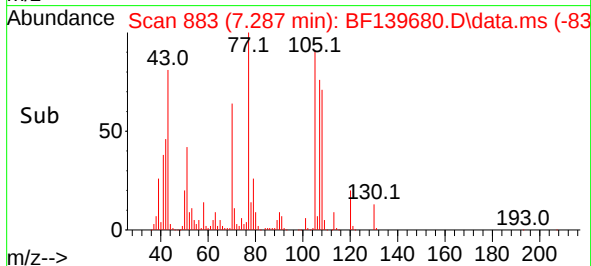
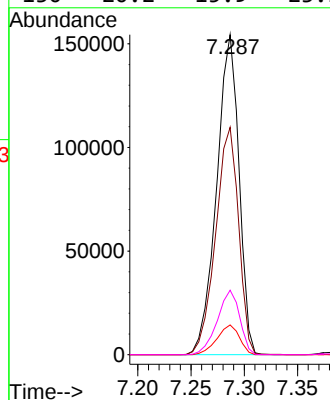
Ion Ratio Lower Upper

70 100

42 71.1 58.0 87.0

101 9.3 7.8 11.8

130 20.2 15.9 23.9



#20

3+4-Methylphenols

Concen: 51.610 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Tgt Ion: 107 Resp: 304355

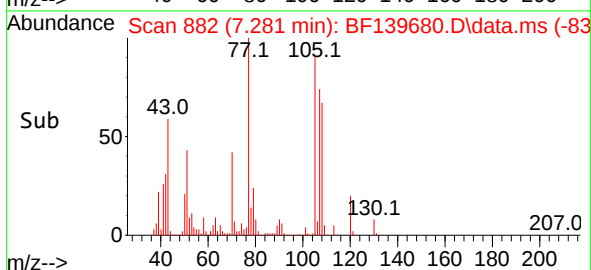
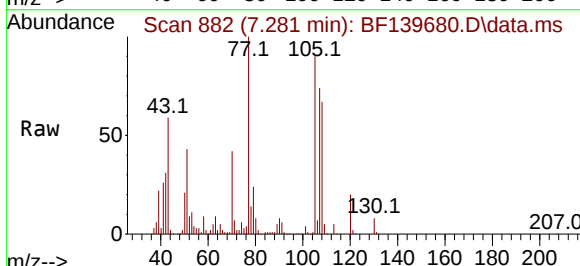
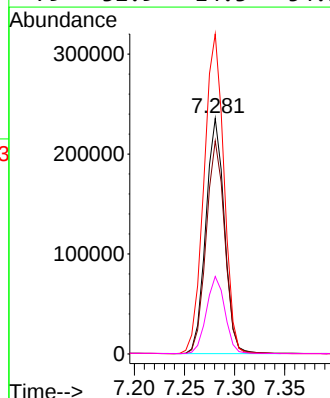
Ion Ratio Lower Upper

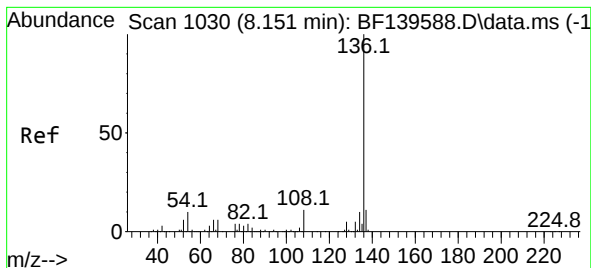
107 100

108 90.5 70.2 110.2

77 135.9 125.3 165.3

79 32.9 14.3 54.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

Tgt Ion:136 Resp: 357329

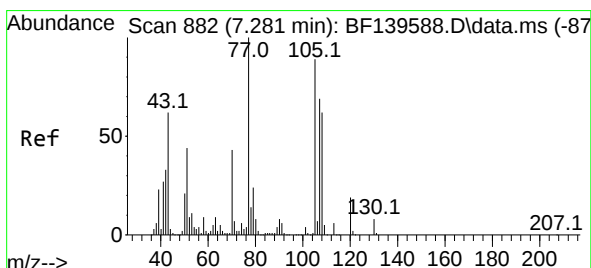
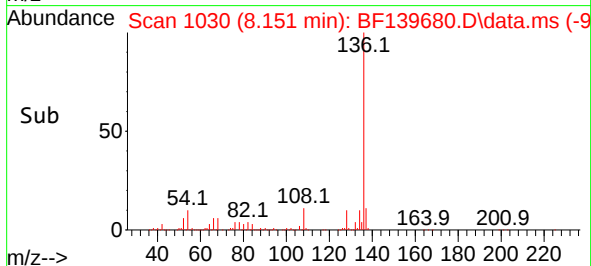
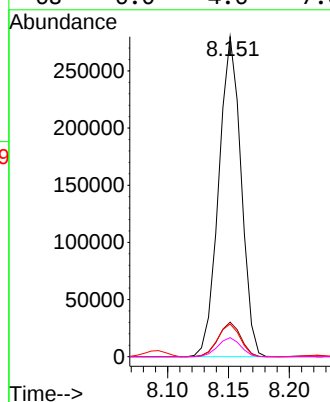
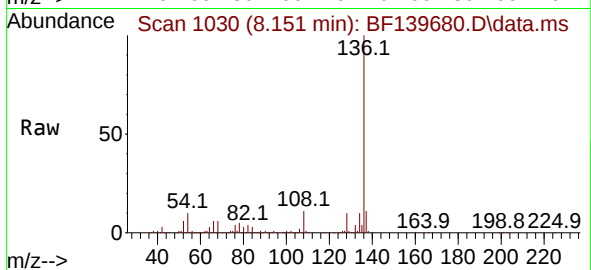
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 10.2 8.3 12.5

68 6.0 4.6 7.0



#22

Acetophenone

Concen: 48.390 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Tgt Ion:105 Resp: 410442

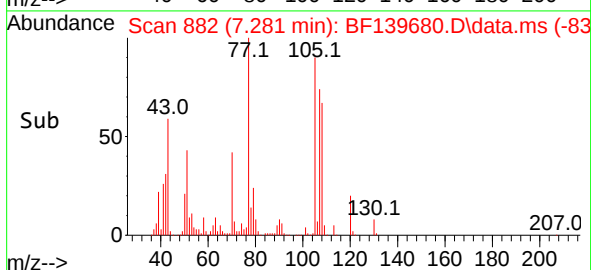
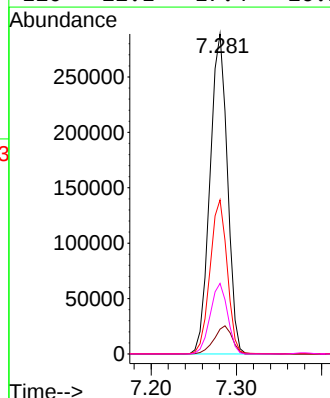
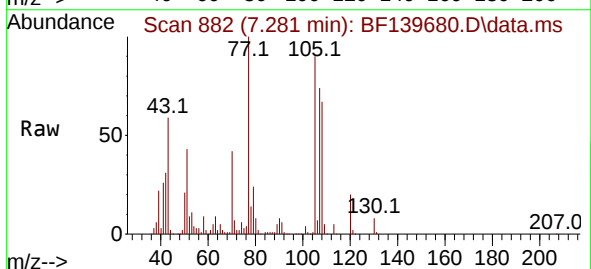
Ion Ratio Lower Upper

105 100

71 7.7 6.6 10.0

51 48.2 39.4 59.0

120 22.1 17.4 26.2





#23

Nitrobenzene-d5

Concen: 93.751 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

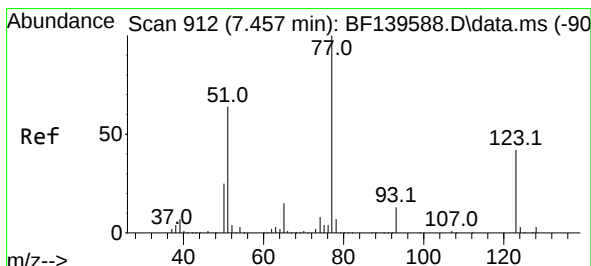
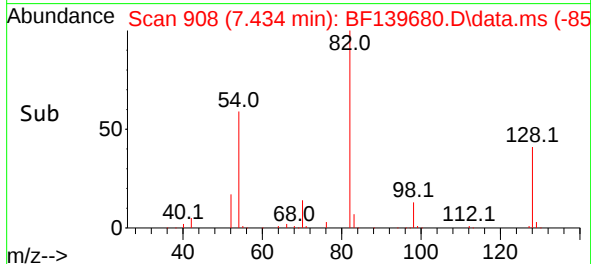
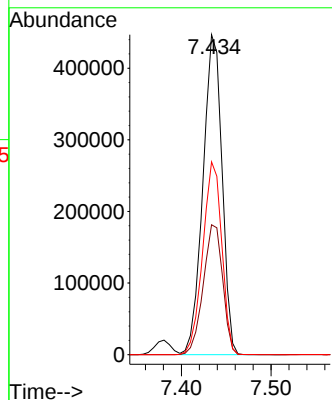
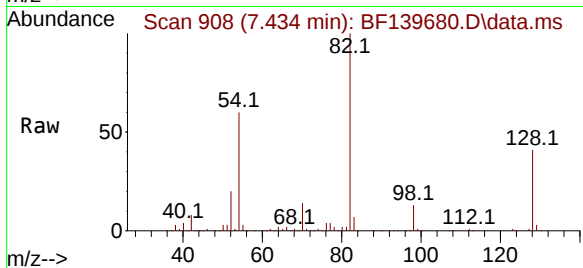
Tgt Ion: 82 Resp: 661661

Ion Ratio Lower Upper

82 100

128 40.6 32.4 48.6

54 60.2 49.1 73.7



#24

Nitrobenzene

Concen: 46.630 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

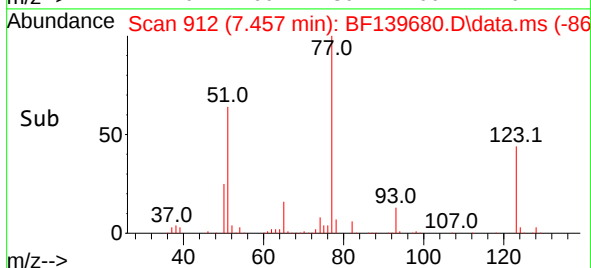
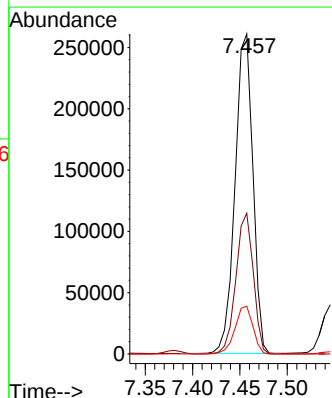
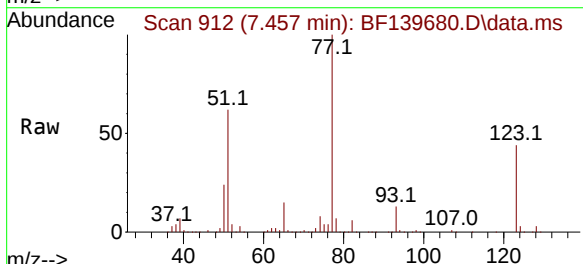
Tgt Ion: 77 Resp: 340782

Ion Ratio Lower Upper

77 100

123 44.0 34.2 51.4

65 15.0 12.1 18.1

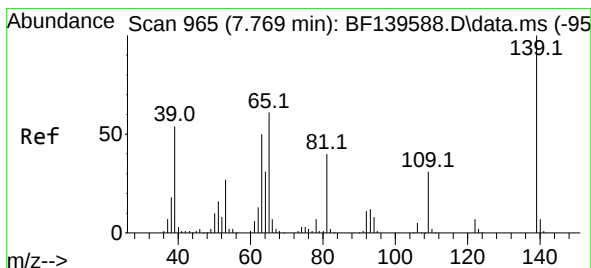
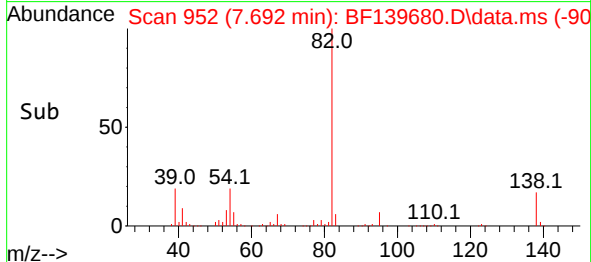
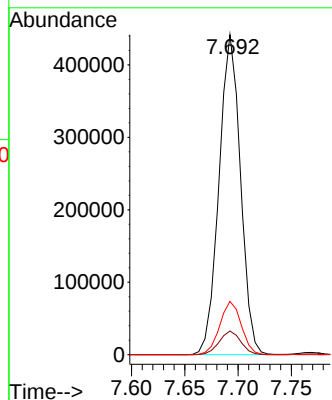
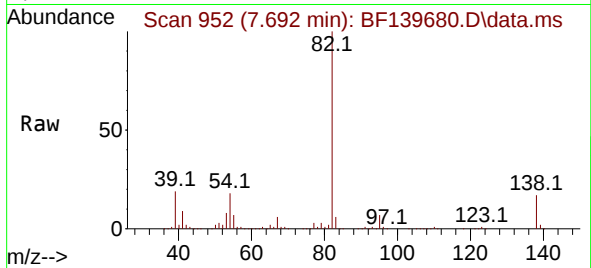




#25
Isophorone
Concen: 49.357 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

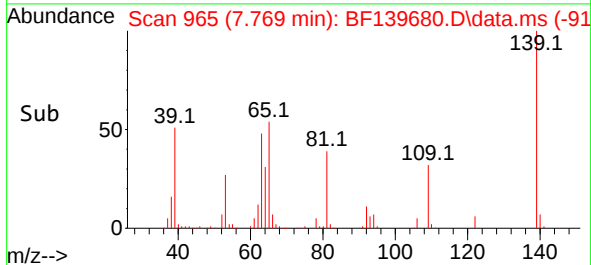
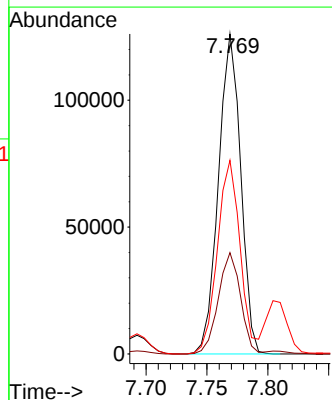
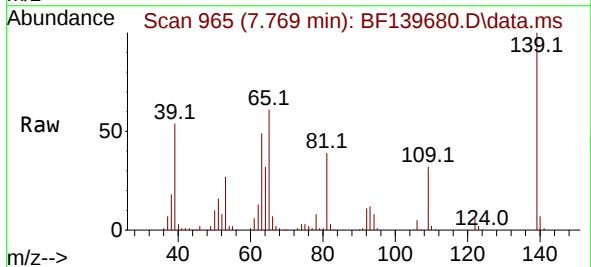
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

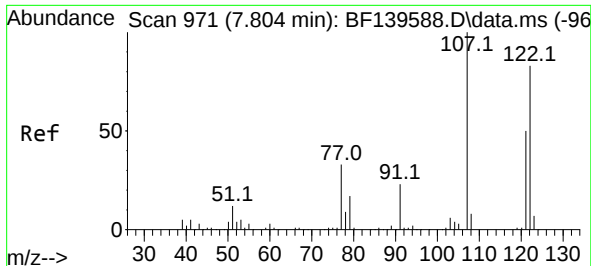
Tgt Ion: 82 Resp: 618699
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.6 13.4 20.2



#26
2-Nitrophenol
Concen: 51.077 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:139 Resp: 160470
Ion Ratio Lower Upper
139 100
109 31.6 24.9 37.3
65 60.5 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 60.717 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

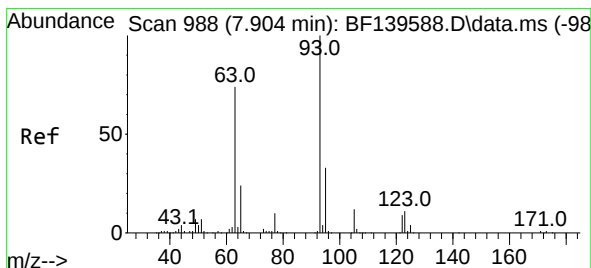
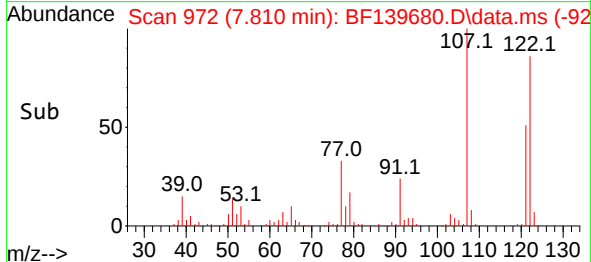
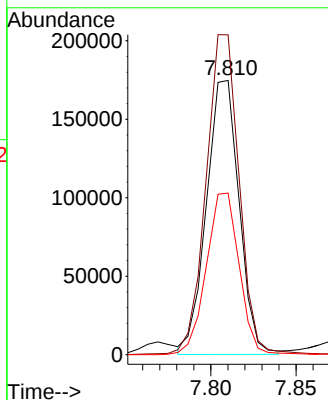
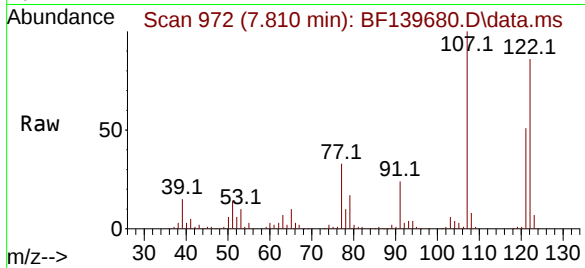
Tgt Ion:122 Resp: 233525

Ion Ratio Lower Upper

122 100

107 116.6 95.4 143.0

121 58.9 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 47.863 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

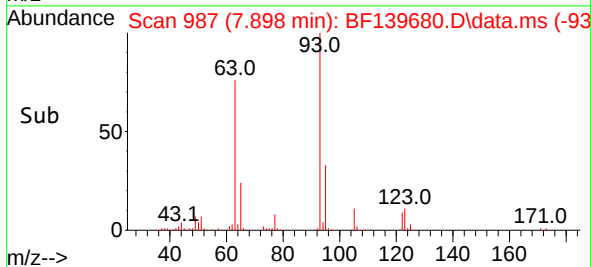
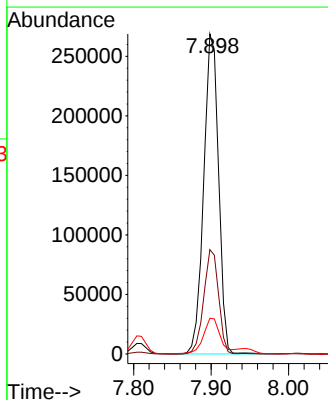
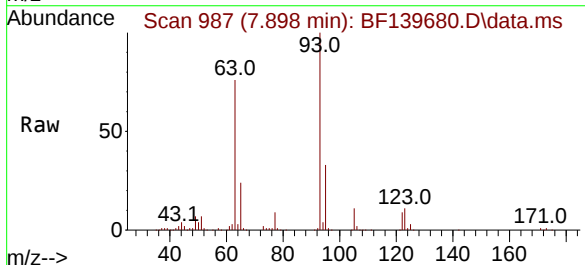
Tgt Ion: 93 Resp: 358266

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.912 ng

RT: 8.016 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

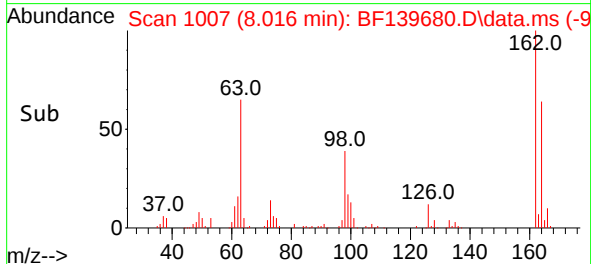
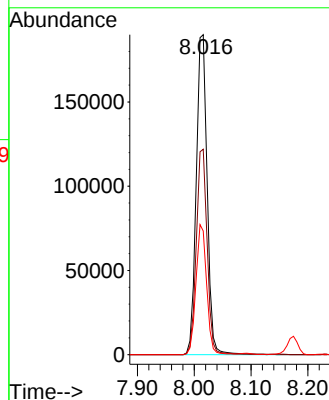
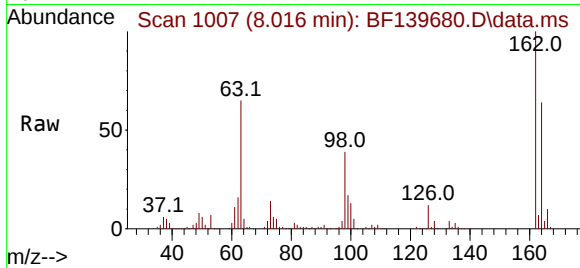
Tgt Ion:162 Resp: 255411

Ion Ratio Lower Upper

162 100

164 64.2 43.1 83.1

98 38.6 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 45.353 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

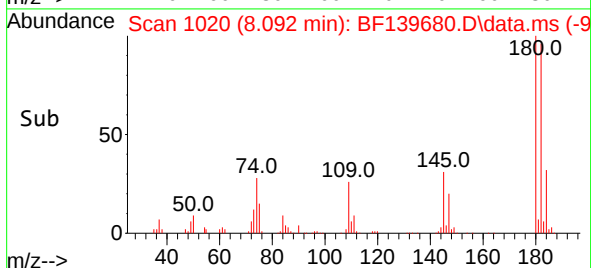
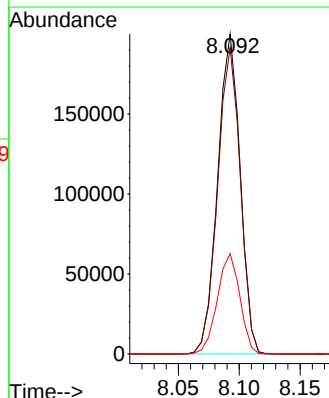
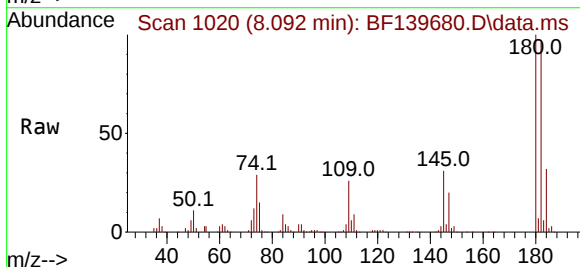
Tgt Ion:180 Resp: 257304

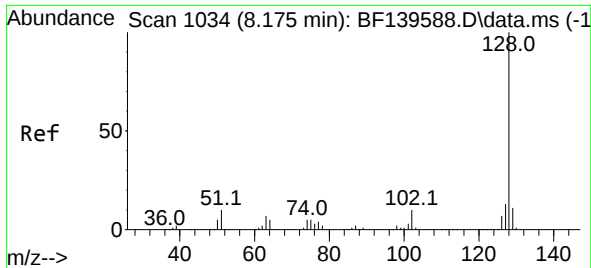
Ion Ratio Lower Upper

180 100

182 95.8 76.0 114.0

145 31.4 25.0 37.6

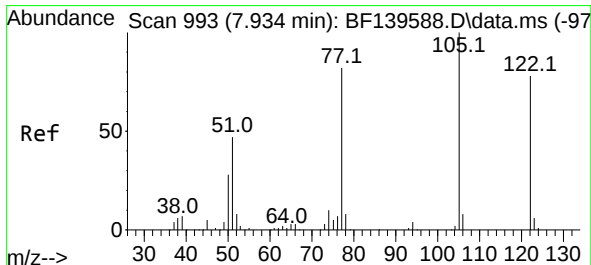
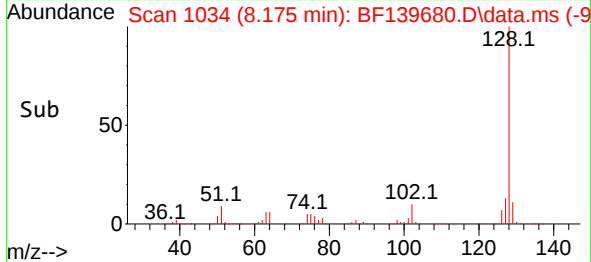
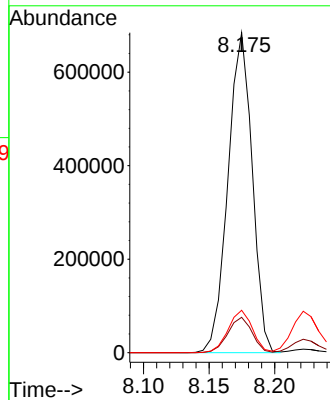
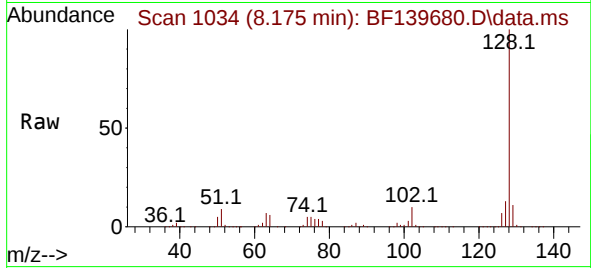




#31
Naphthalene
Concen: 48.160 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

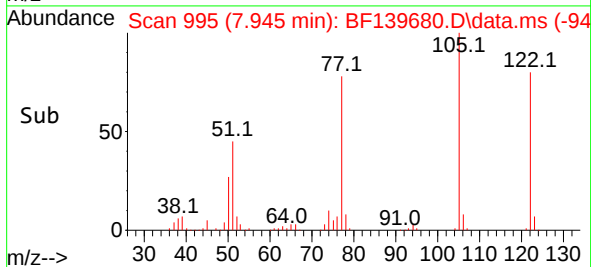
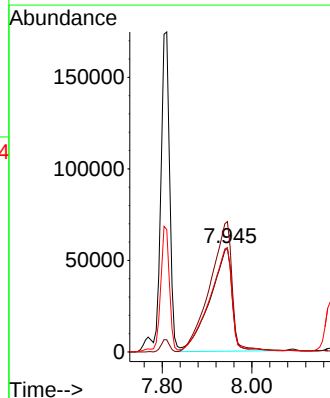
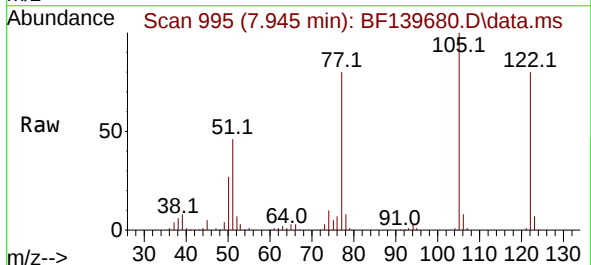
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

Tgt Ion:128 Resp: 879879
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 50.136 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:122 Resp: 191741
Ion Ratio Lower Upper
122 100
105 125.4 104.9 144.9
77 100.4 82.7 122.7

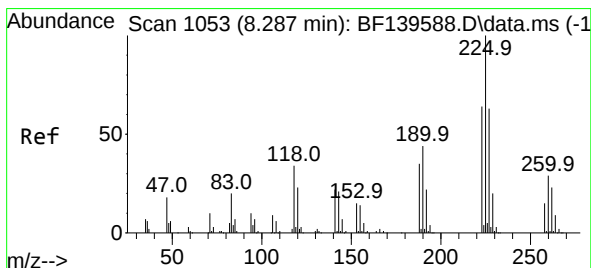
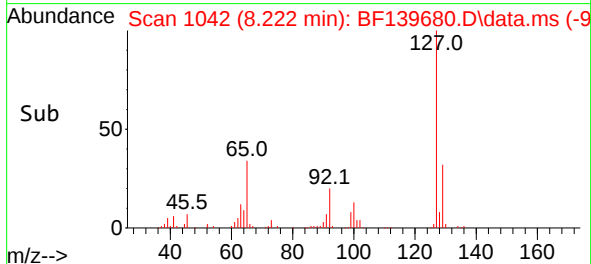
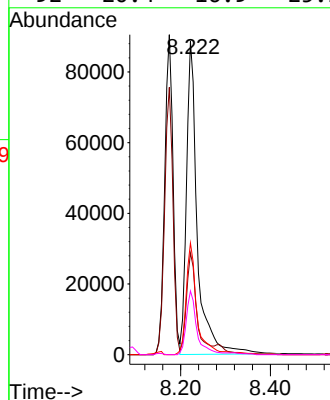
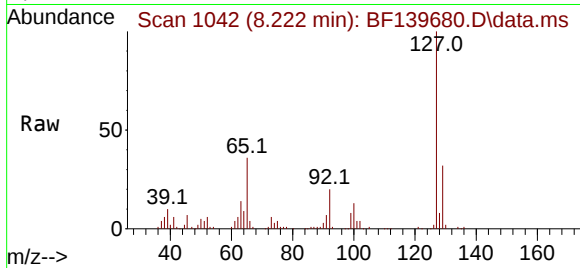




#33
4-Chloroaniline
Concen: 24.152 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

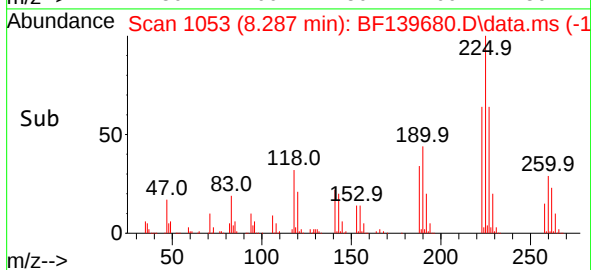
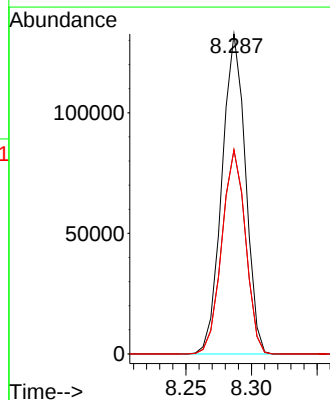
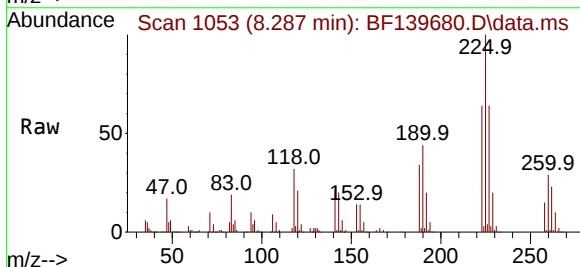
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

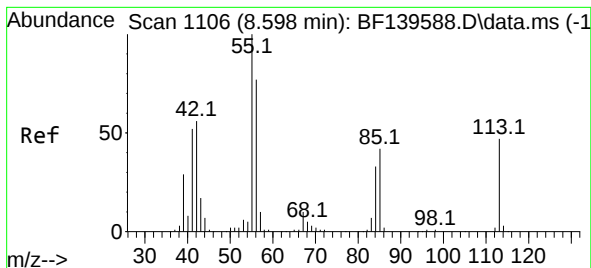
Tgt Ion:	127	Resp:	149362
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	35.7	29.3	43.9
92	20.4	16.9	25.3



#34
Hexachlorobutadiene
Concen: 45.000 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:	225	Resp:	165215
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	63.8	50.7	76.1





#35

Caprolactam

Concen: 33.297 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

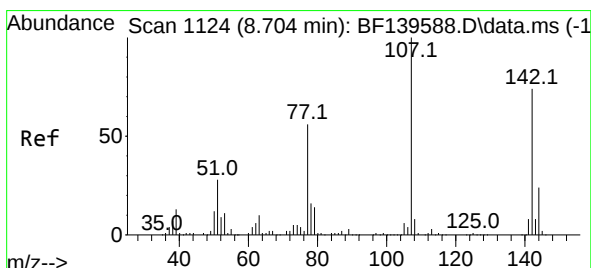
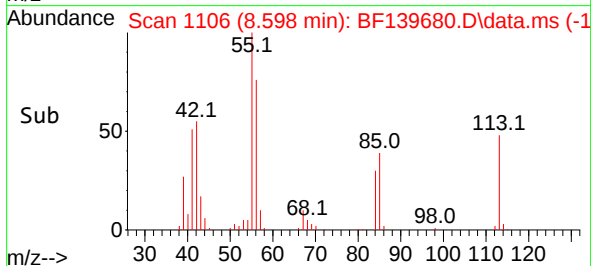
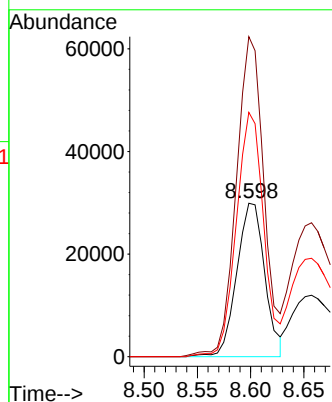
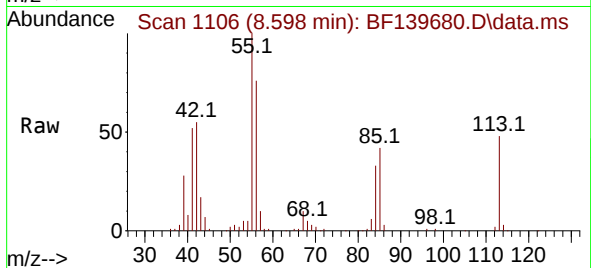
Tgt Ion:113 Resp: 54788

Ion Ratio Lower Upper

113 100

55 208.6 193.4 233.4

56 159.3 143.8 183.8



#36

4-Chloro-3-methylphenol

Concen: 51.953 ng

RT: 8.710 min Scan# 1125

Delta R.T. 0.006 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

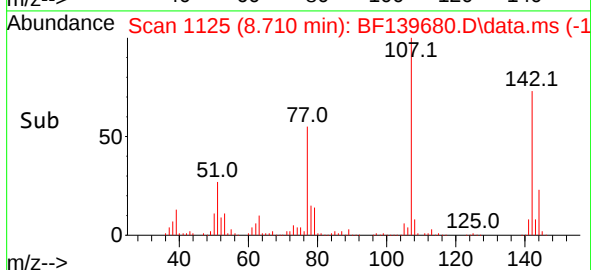
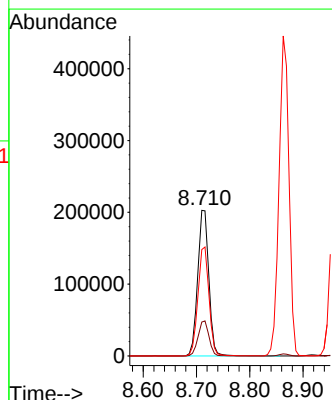
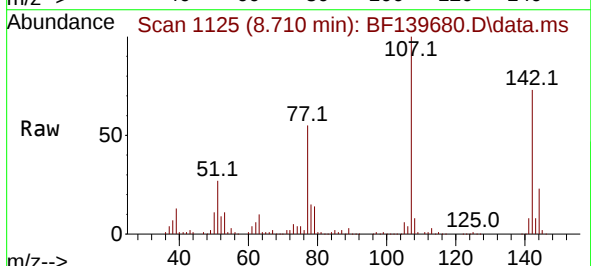
Tgt Ion:107 Resp: 295035

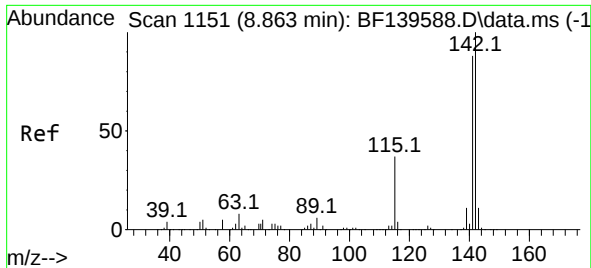
Ion Ratio Lower Upper

107 100

144 23.3 19.0 28.6

142 73.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 48.512 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

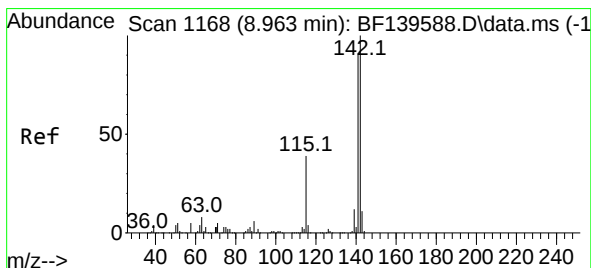
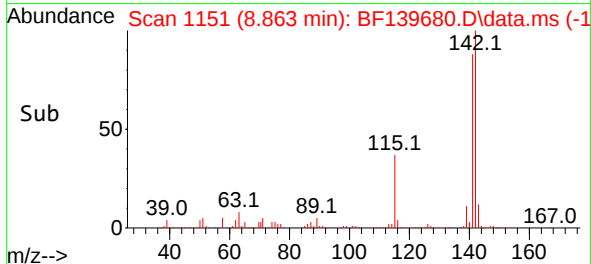
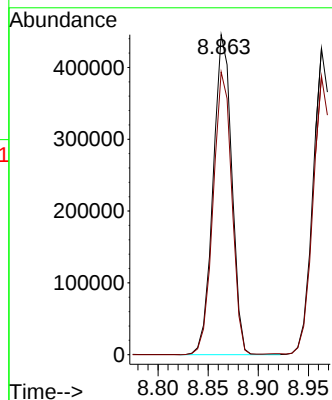
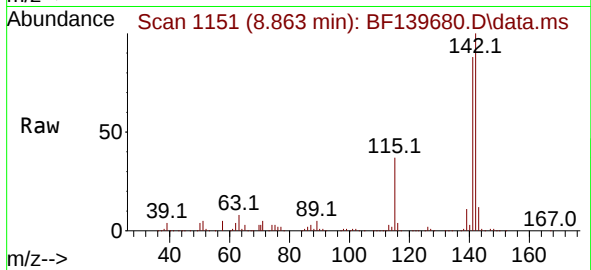
PB163905BSD

Tgt Ion:142 Resp: 577238

Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6



#38

1-Methylnaphthalene

Concen: 46.478 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139680.D

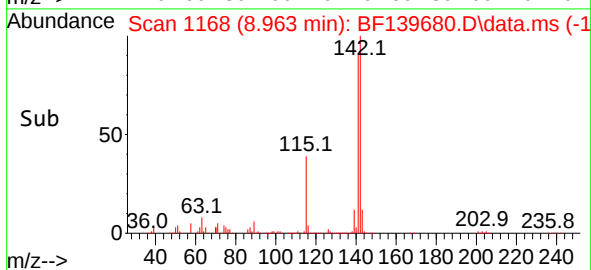
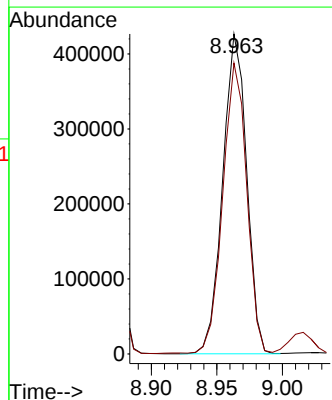
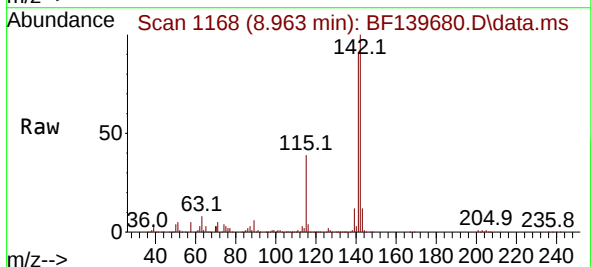
Acq: 07 Oct 2024 12:12

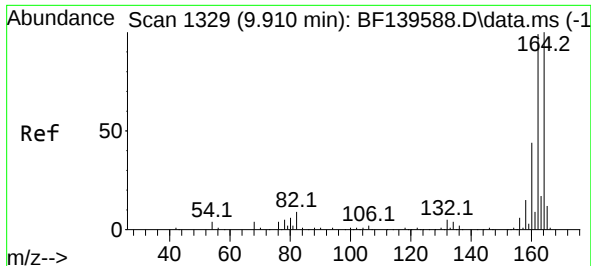
Tgt Ion:142 Resp: 540584

Ion Ratio Lower Upper

142 100

141 90.9 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

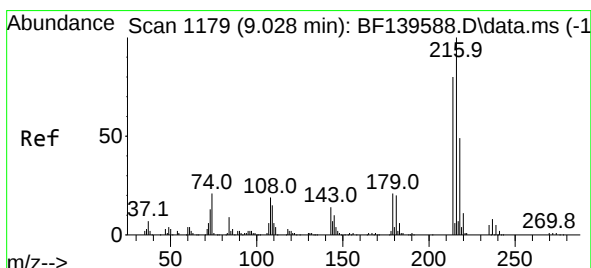
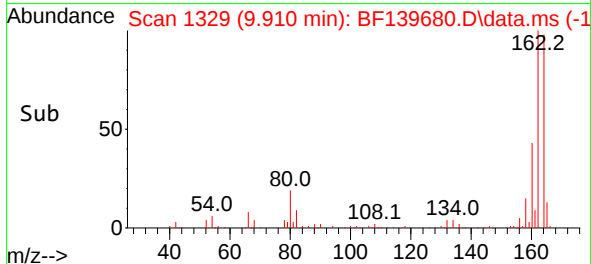
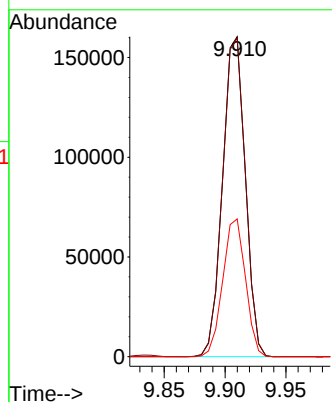
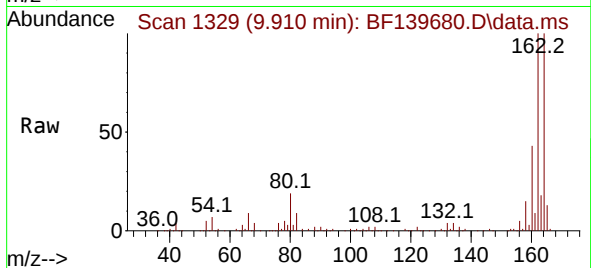
Tgt Ion:164 Resp: 208611

Ion Ratio Lower Upper

164 100

162 99.6 79.4 119.0

160 43.0 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.498 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Tgt Ion:216 Resp: 269353

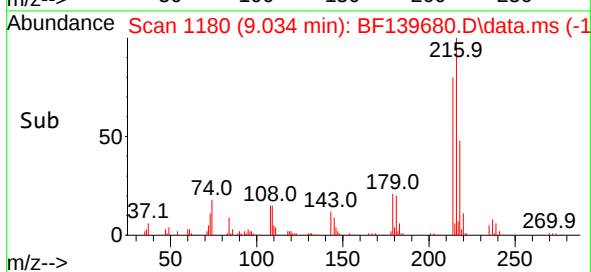
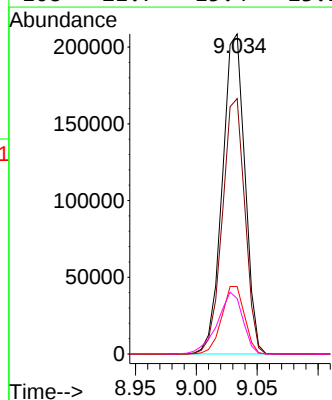
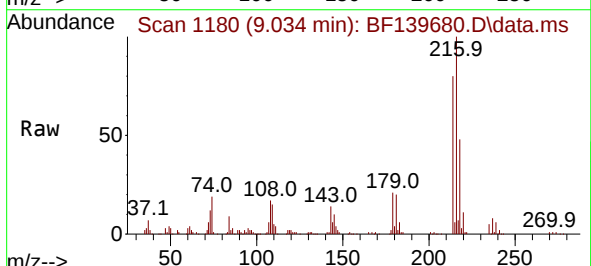
Ion Ratio Lower Upper

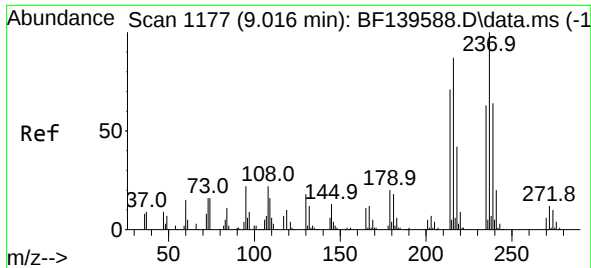
216 100

214 79.5 63.7 95.5

179 21.4 16.9 25.3

108 21.7 15.4 23.2

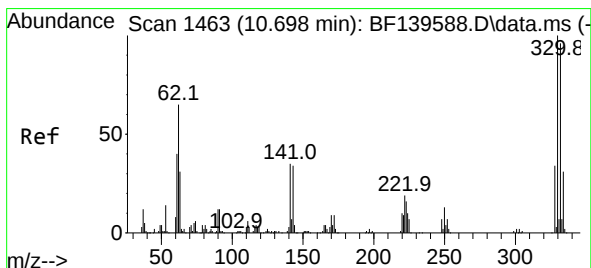
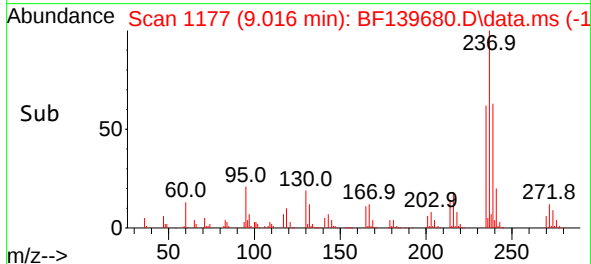
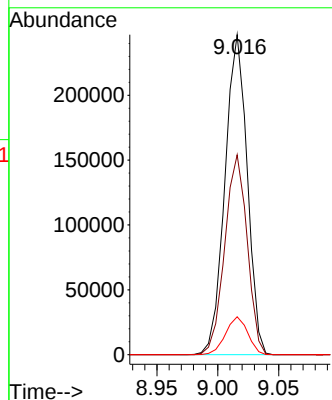
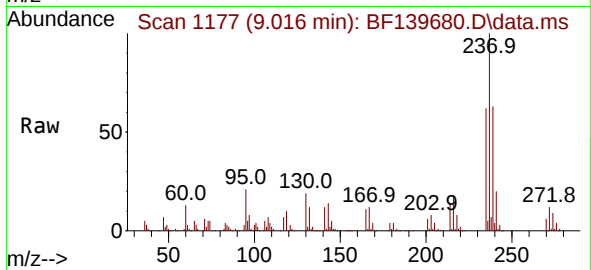




#41
Hexachlorocyclopentadiene
Concen: 176.773 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

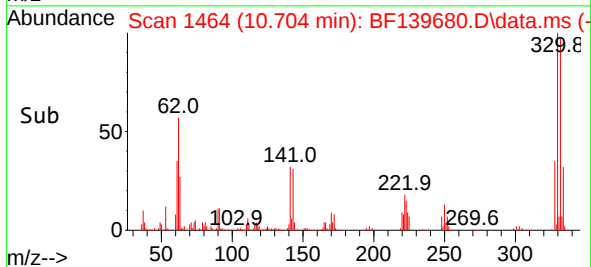
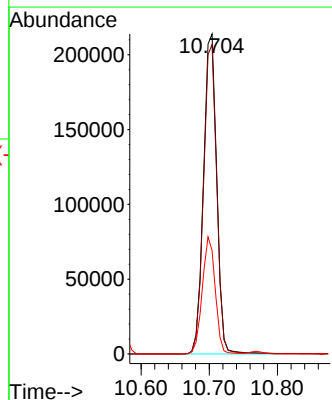
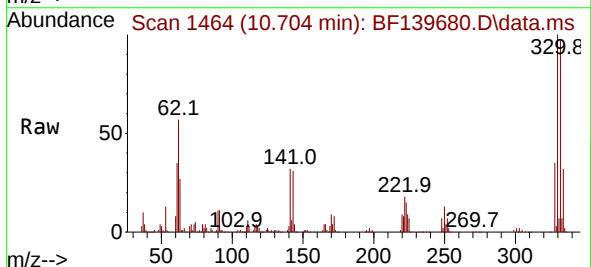
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

Tgt Ion:237 Resp: 313990
Ion Ratio Lower Upper
237 100
235 62.4 42.5 82.5
272 11.9 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 143.799 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

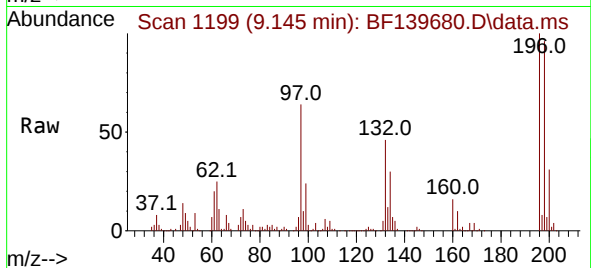
Tgt Ion:330 Resp: 289582
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 35.8 29.3 43.9



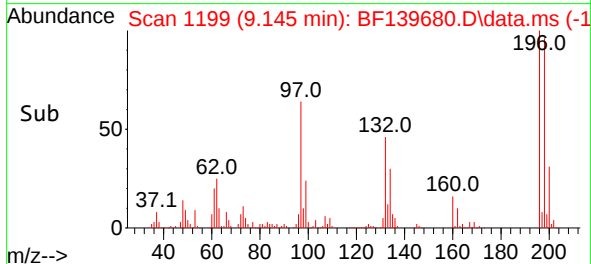
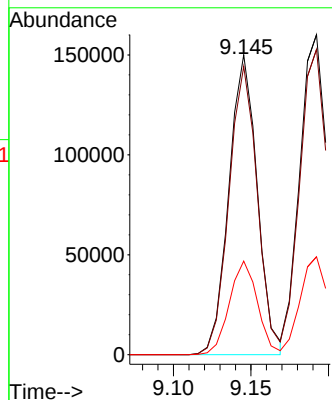


#43
2,4,6-Trichlorophenol
Concen: 48.874 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Instrument :
BNA_F
ClientSampleId :
PB163905BSD

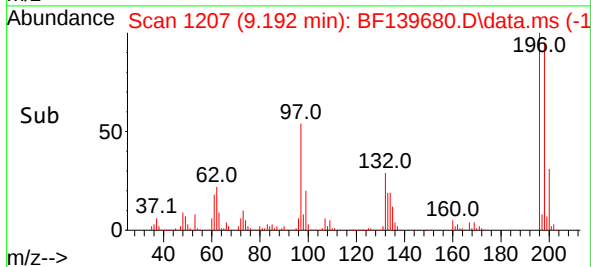
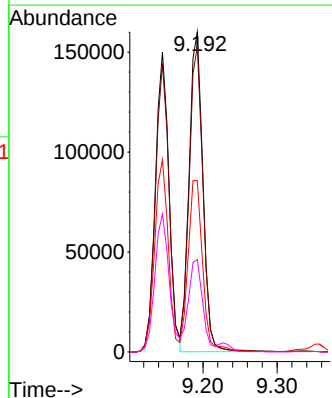
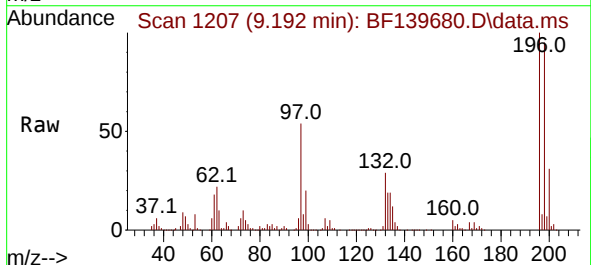


Tgt Ion:196 Resp: 190860
Ion Ratio Lower Upper
196 100
198 96.1 75.2 112.8
200 31.2 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 49.201 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:196 Resp: 207204
Ion Ratio Lower Upper
196 100
198 95.4 77.5 116.3
97 53.6 43.1 64.7
132 28.9 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 90.177 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

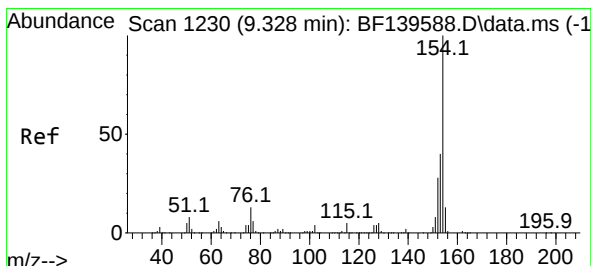
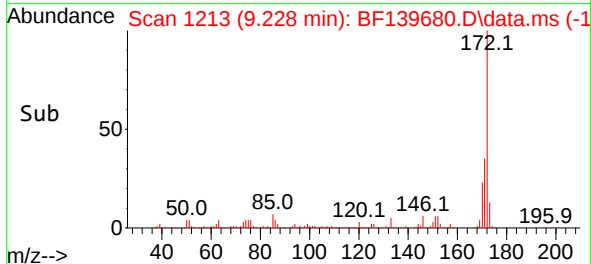
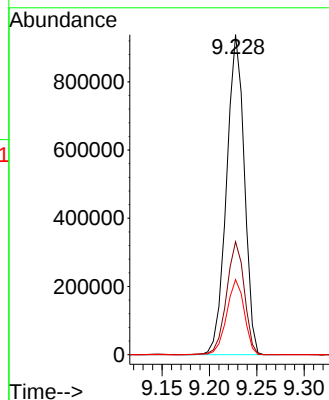
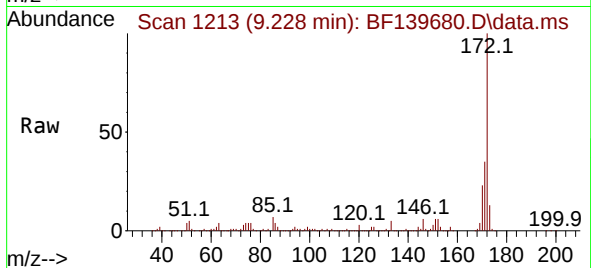
Tgt Ion:172 Resp: 1225391

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 47.087 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

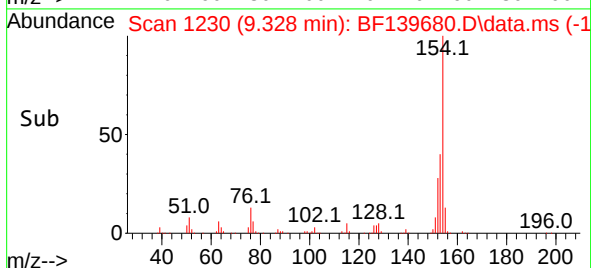
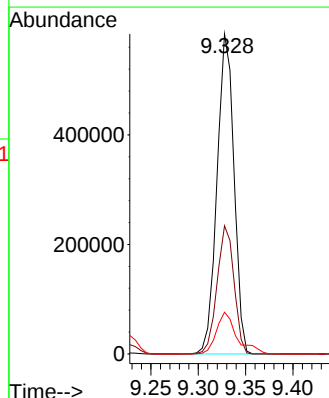
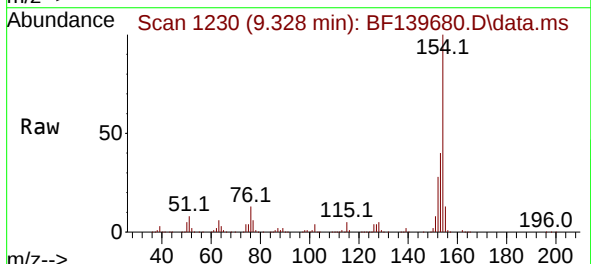
Tgt Ion:154 Resp: 730588

Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 13.1 0.0 32.6

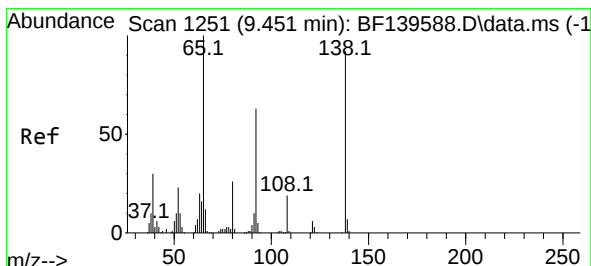
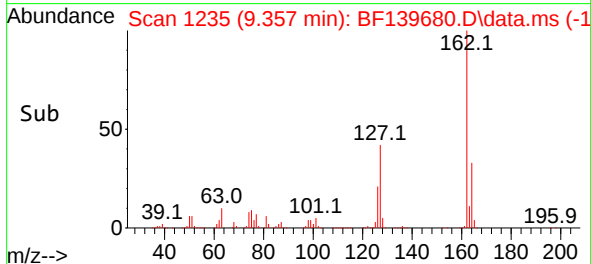
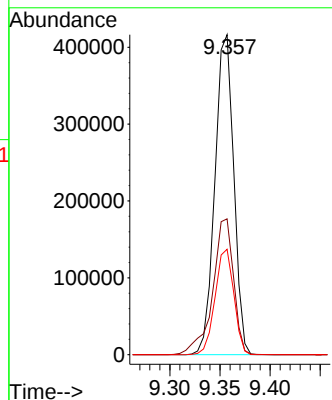
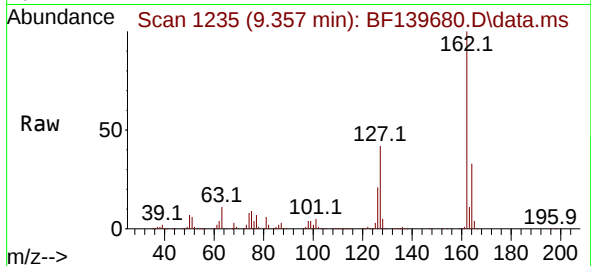




#47
2-Chloronaphthalene
Concen: 46.626 ng
RT: 9.357 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

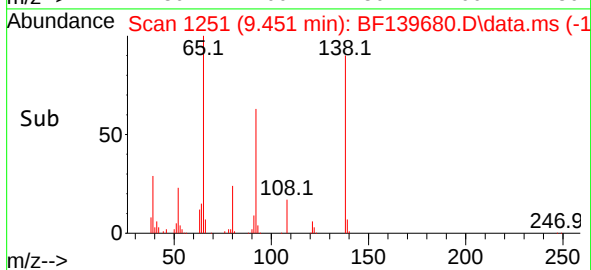
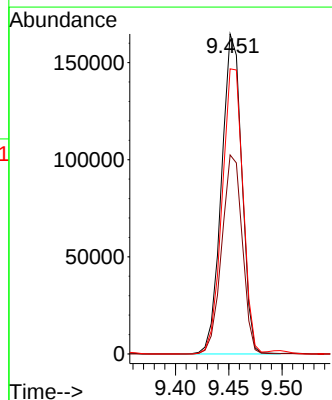
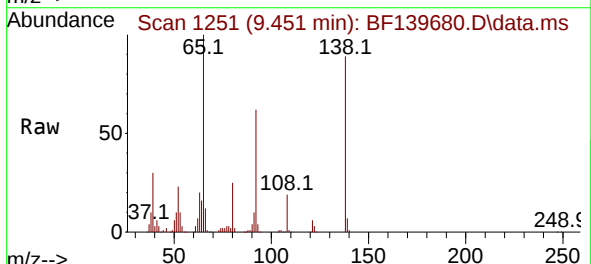
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

Tgt Ion:162 Resp: 542346
Ion Ratio Lower Upper
162 100
127 42.5 35.0 52.4
164 33.0 26.1 39.1



#48
2-Nitroaniline
Concen: 52.230 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion: 65 Resp: 218087
Ion Ratio Lower Upper
65 100
92 62.2 50.0 75.0
138 89.1 73.8 110.8





#49

Acenaphthylene

Concen: 52.099 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

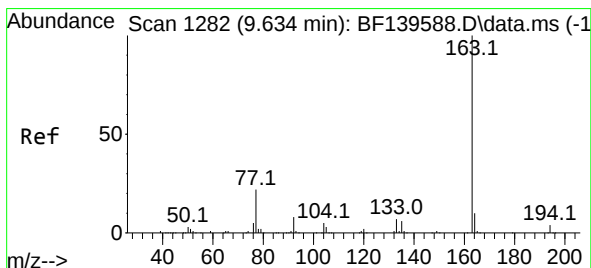
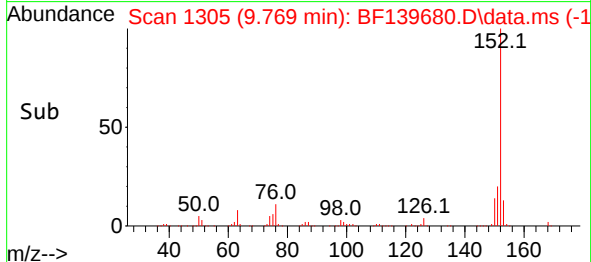
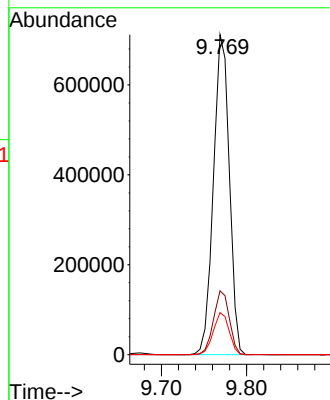
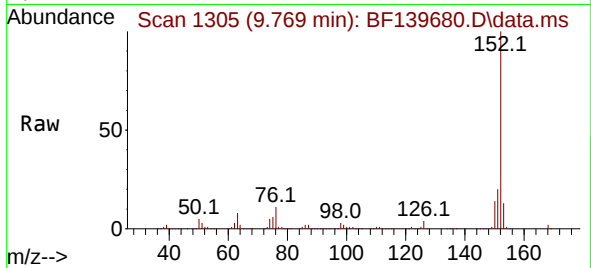
Tgt Ion:152 Resp: 921603

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 50.651 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

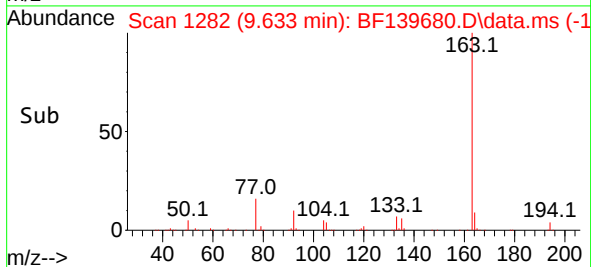
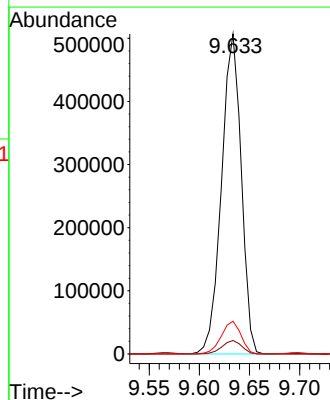
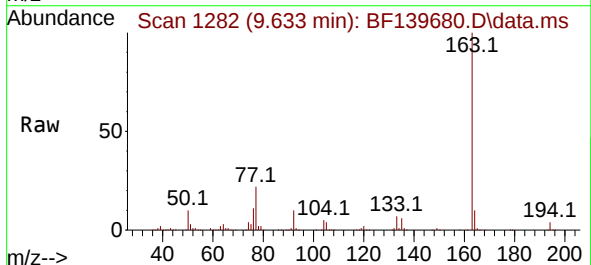
Tgt Ion:163 Resp: 691686

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.1 12.1

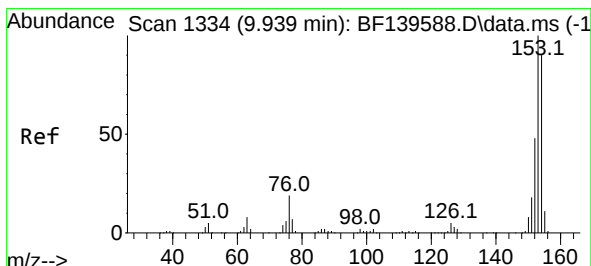
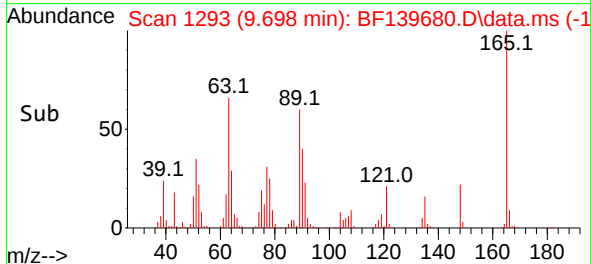
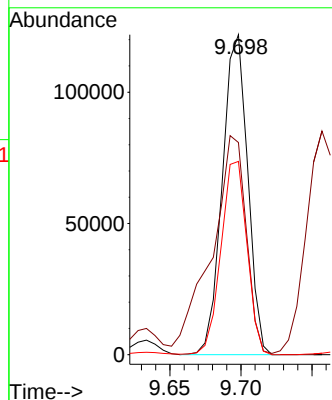
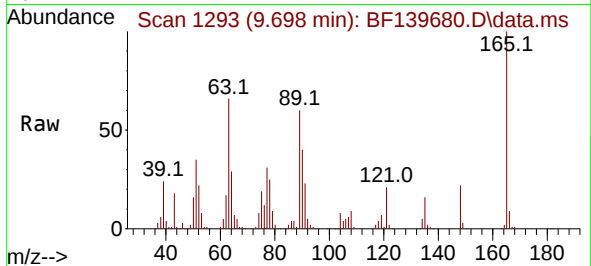




#51
2,6-Dinitrotoluene
Concen: 49.050 ng
RT: 9.698 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

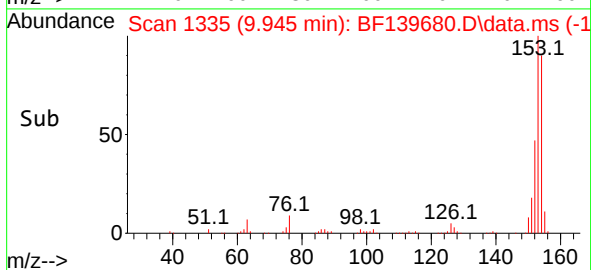
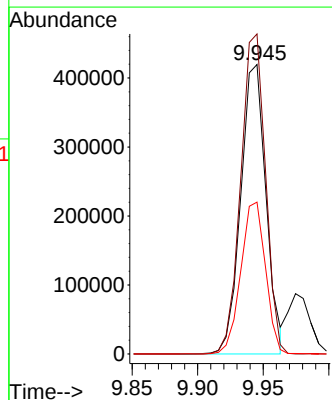
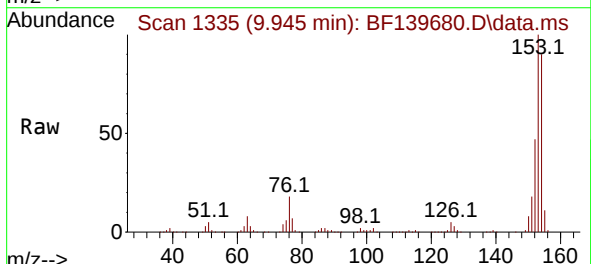
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

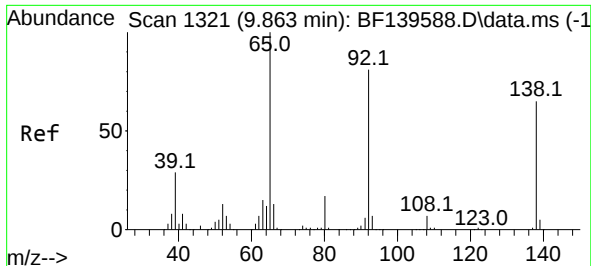
Tgt Ion:165 Resp: 151311
Ion Ratio Lower Upper
165 100
63 66.3 56.7 85.1
89 60.4 51.6 77.4



#52
Acenaphthene
Concen: 46.300 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:154 Resp: 562251
Ion Ratio Lower Upper
154 100
153 110.6 88.8 133.2
152 52.5 42.5 63.7

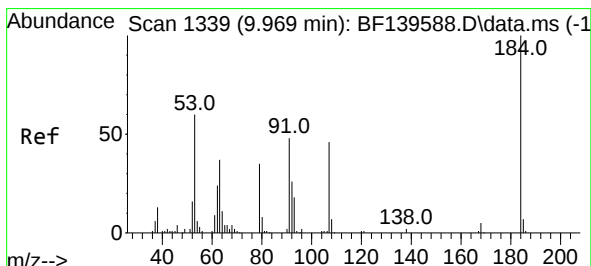
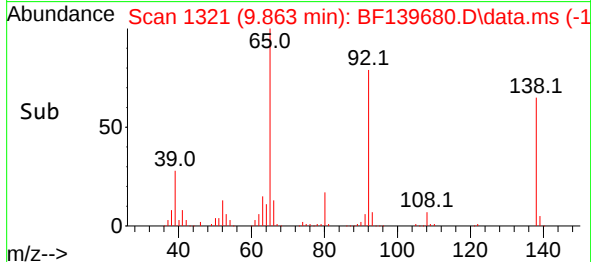
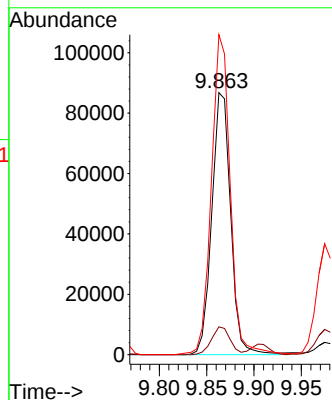
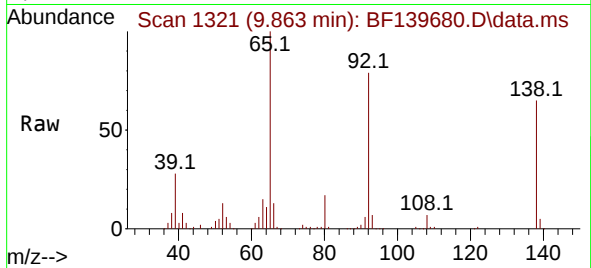




#53
3-Nitroaniline
Concen: 38.032 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

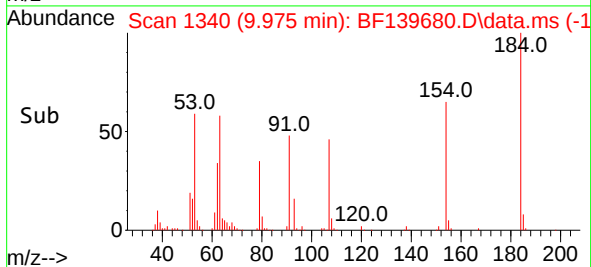
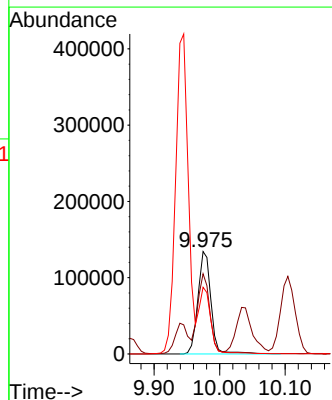
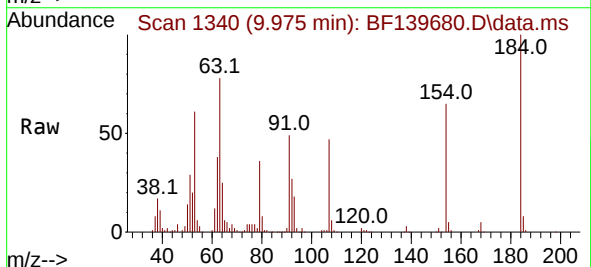
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

Tgt Ion:138 Resp: 119892
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 122.1 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 112.642 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:184 Resp: 186896
Ion Ratio Lower Upper
184 100
63 78.4 61.7 92.5
154 65.2 53.0 79.4

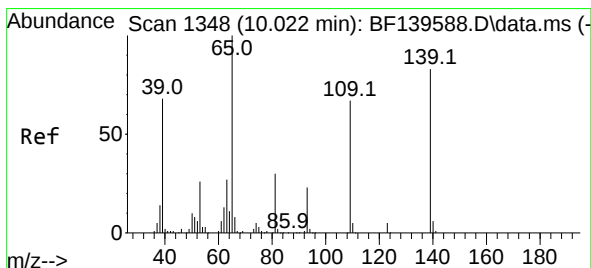
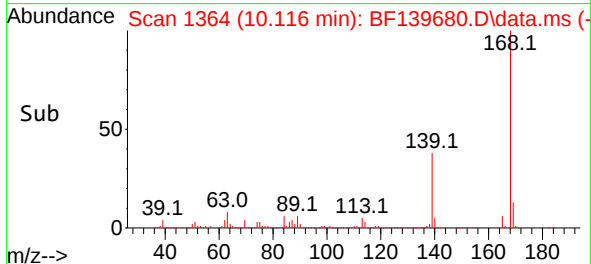
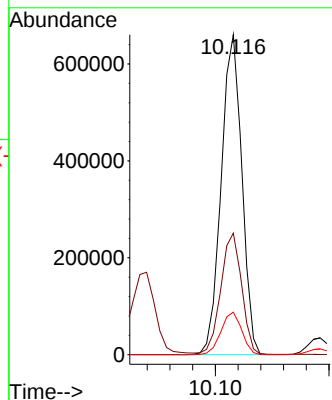
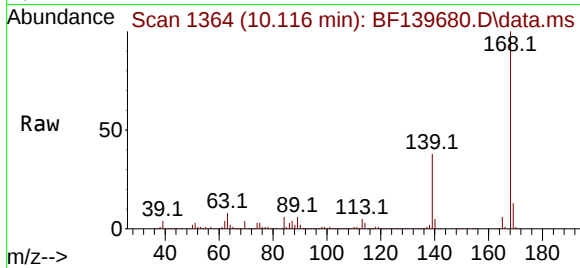




#55
Dibenzenofuran
Concen: 49.046 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

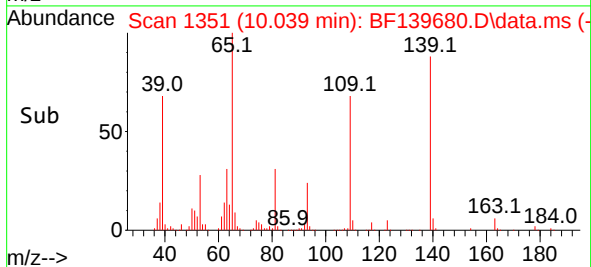
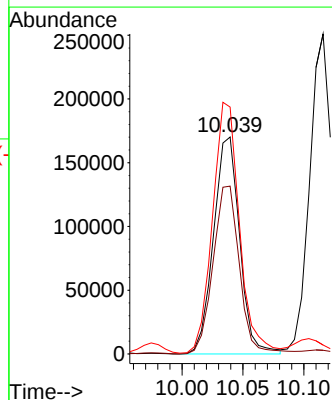
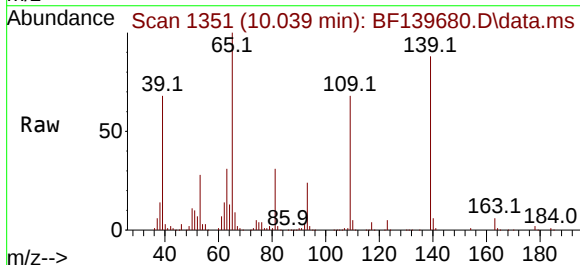
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

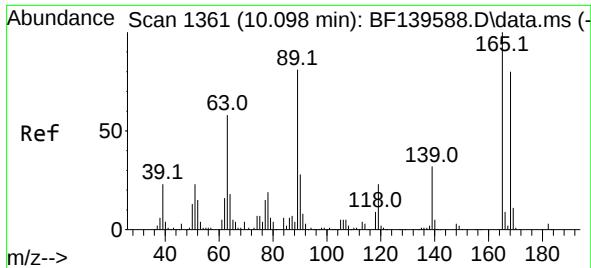
Tgt Ion:168 Resp: 833919
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 105.800 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:139 Resp: 254341
Ion Ratio Lower Upper
139 100
109 77.4 60.3 100.3
65 113.8 100.8 140.8

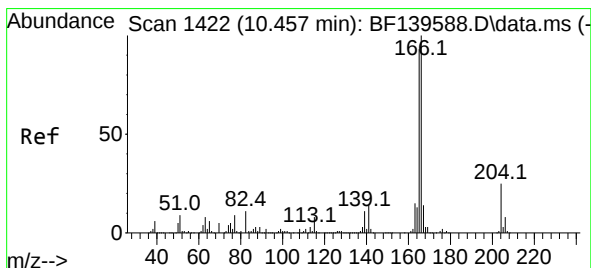
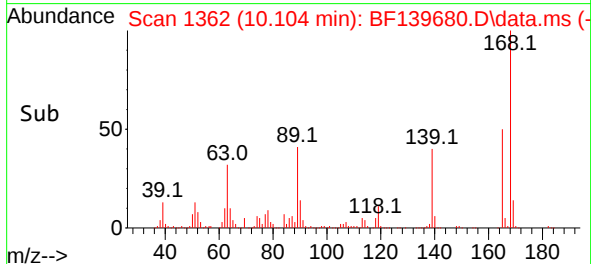
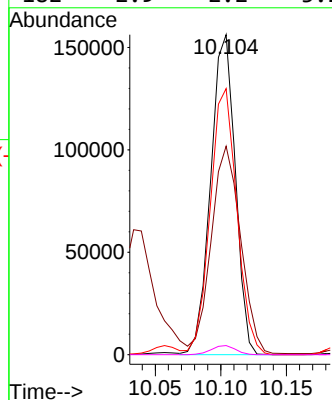
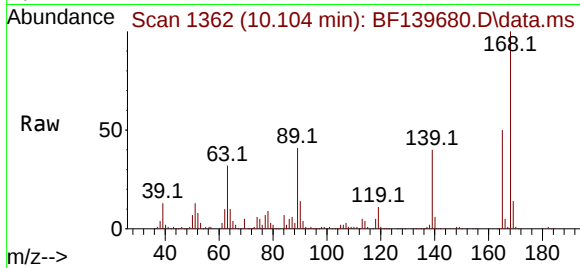




#57
2,4-Dinitrotoluene
Concen: 50.547 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

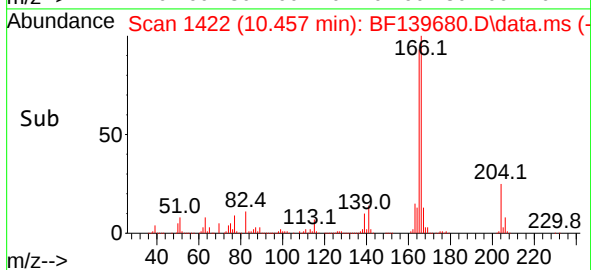
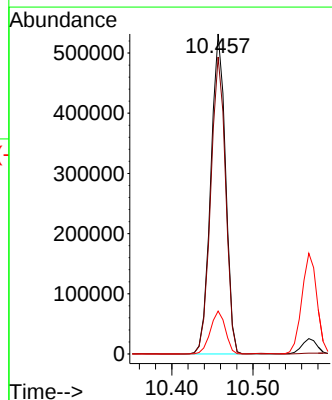
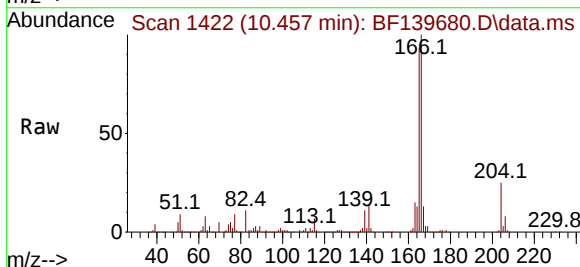
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

Tgt Ion:165 Resp: 203814
Ion Ratio Lower Upper
165 100
63 65.2 46.9 70.3
89 83.1 64.4 96.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 49.649 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:166 Resp: 672365
Ion Ratio Lower Upper
166 100
165 92.8 74.4 111.6
167 13.4 10.9 16.3

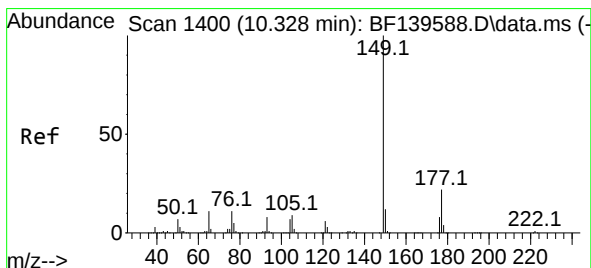
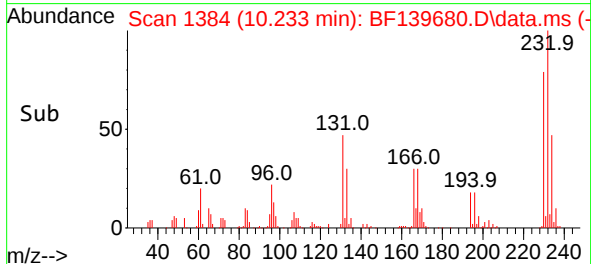
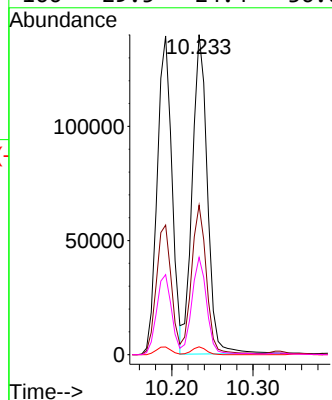
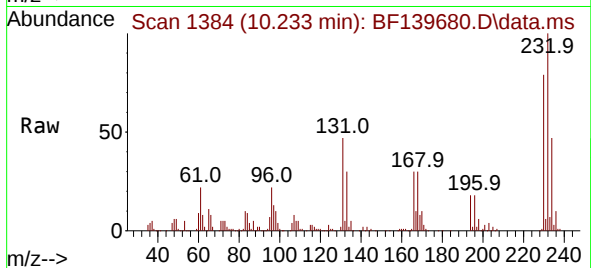




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.349 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

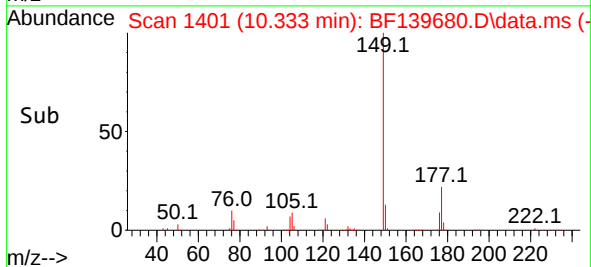
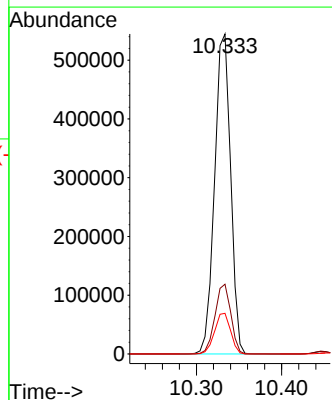
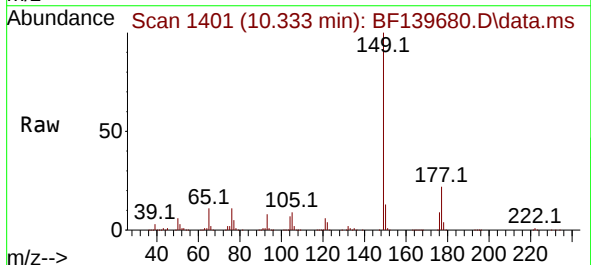
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

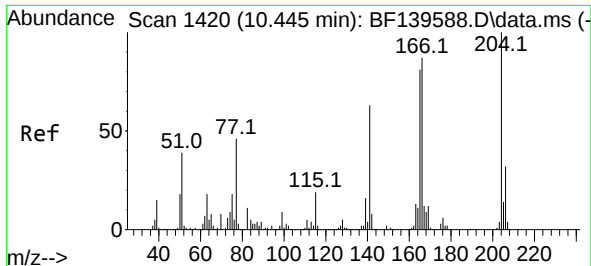
Tgt Ion:232 Resp: 181462
Ion Ratio Lower Upper
232 100
131 46.5 37.8 56.6
130 2.4 1.9 2.9
166 29.5 24.4 36.6



#60
Diethylphthalate
Concen: 50.369 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:149 Resp: 710453
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 12.7 10.0 15.0

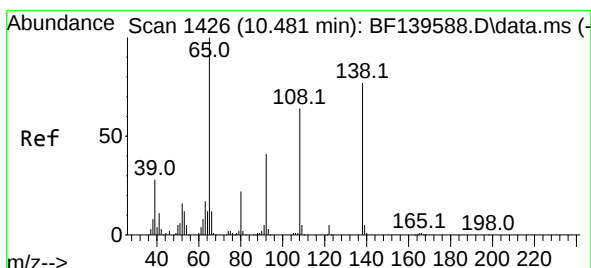
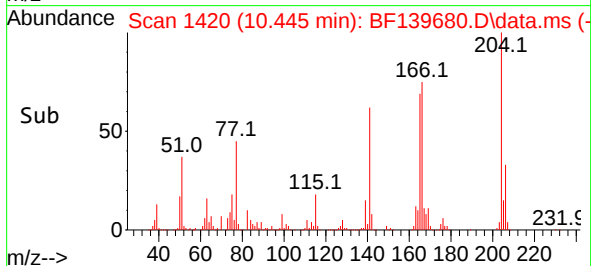
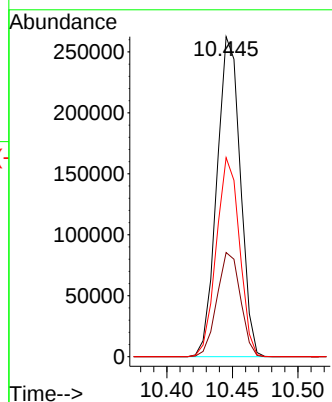
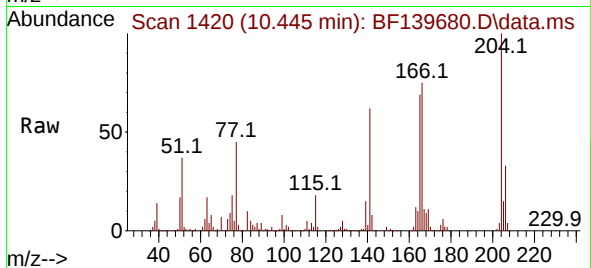




#61
4-Chlorophenyl-phenylether
Concen: 48.061 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

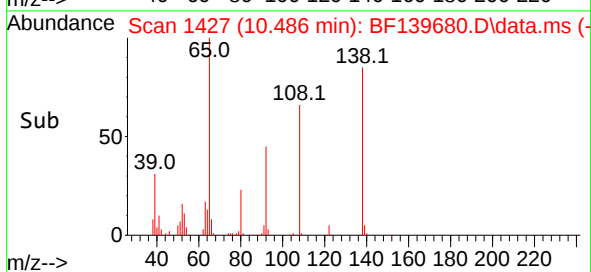
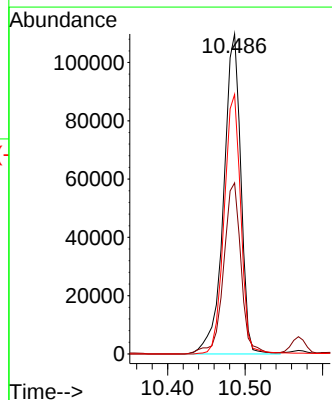
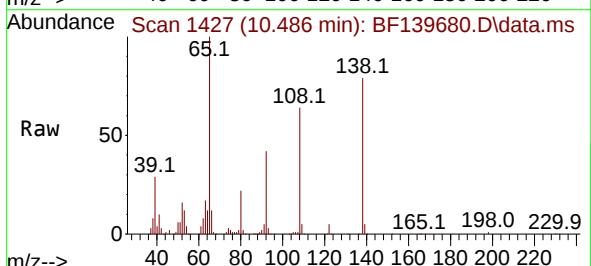
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

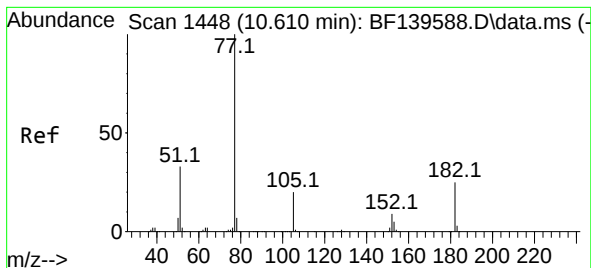
Tgt Ion:204 Resp: 325619
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 62.2 50.5 75.7



#62
4-Nitroaniline
Concen: 52.679 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:138 Resp: 169865
Ion Ratio Lower Upper
138 100
92 53.5 33.3 73.3
108 81.1 62.1 102.1





#63

Azobenzene

Concen: 50.838 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

Tgt Ion: 77 Resp: 721131

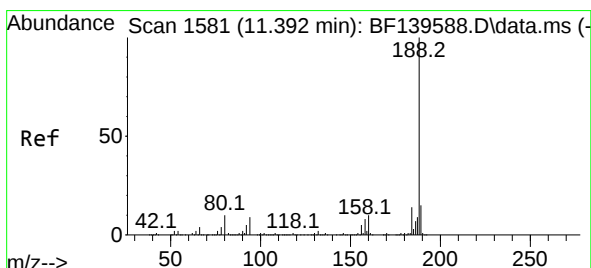
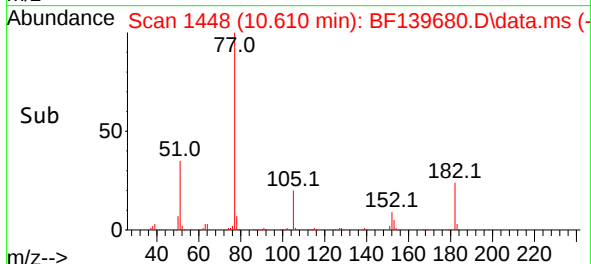
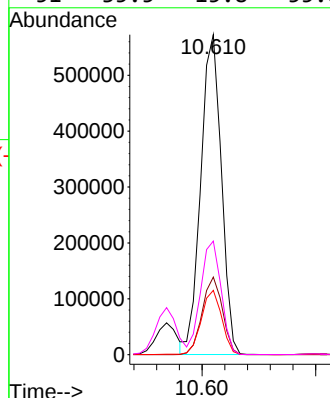
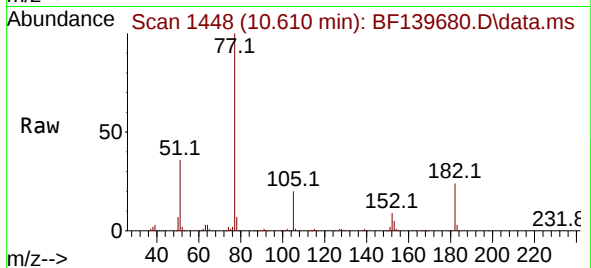
Ion Ratio Lower Upper

77 100

182 24.3 4.2 44.2

105 20.1 0.0 39.6

51 35.5 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

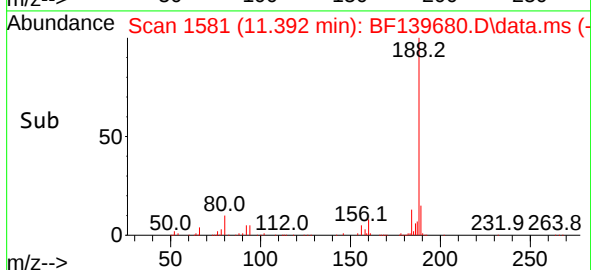
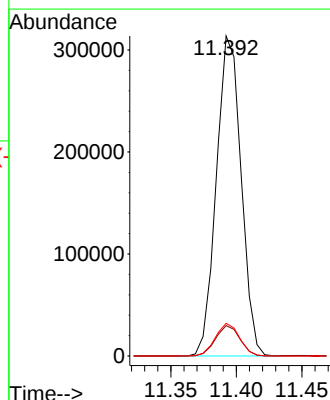
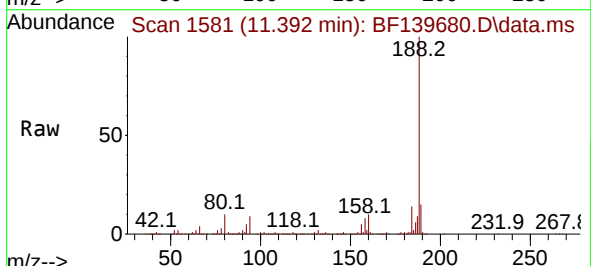
Tgt Ion: 188 Resp: 411350

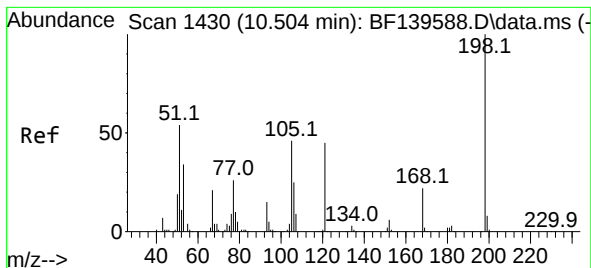
Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.2 8.2 12.2

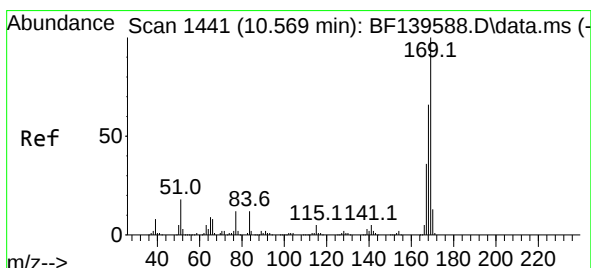
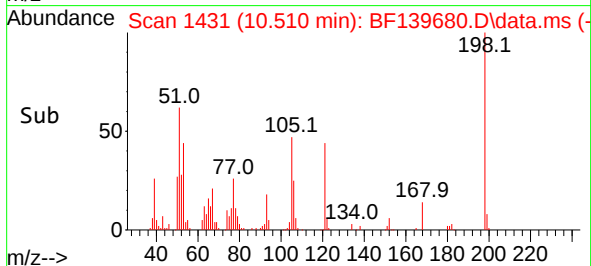
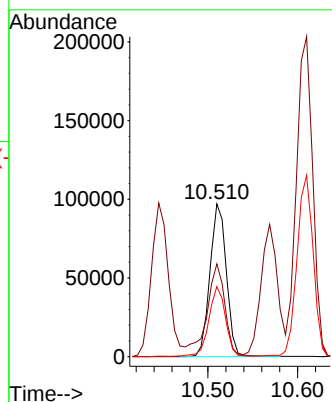
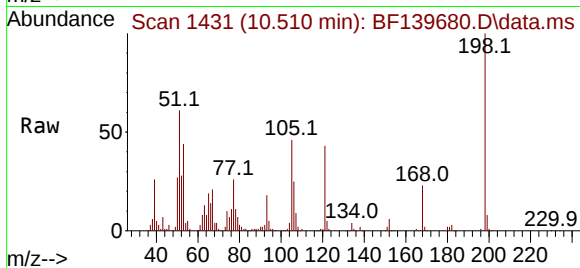




#65
4,6-Dinitro-2-methylphenol
Concen: 53.161 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

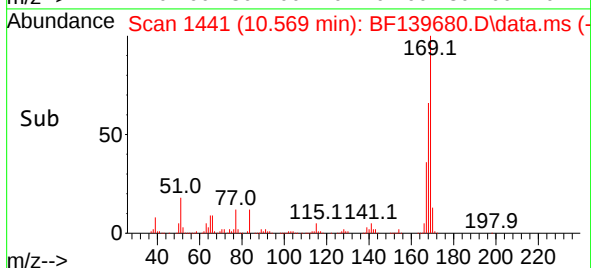
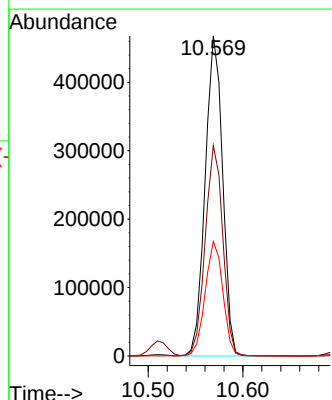
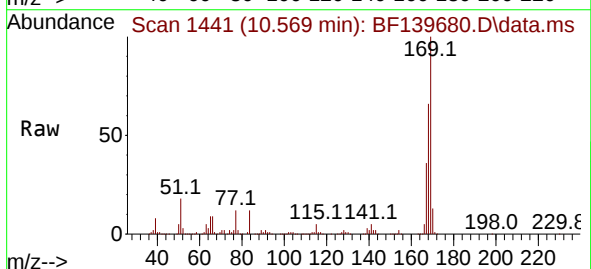
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

Tgt Ion:198 Resp: 123504
Ion Ratio Lower Upper
198 100
51 60.8 43.0 83.0
105 45.9 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 49.164 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:169 Resp: 596114
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 35.8 28.6 43.0

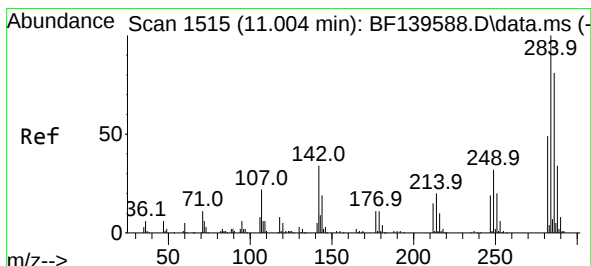
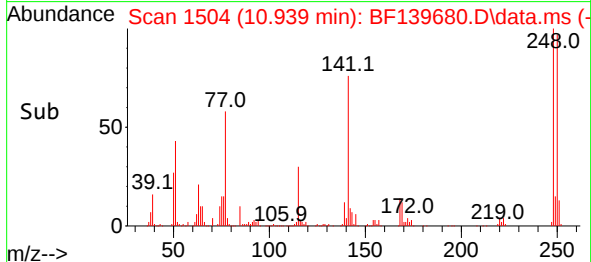
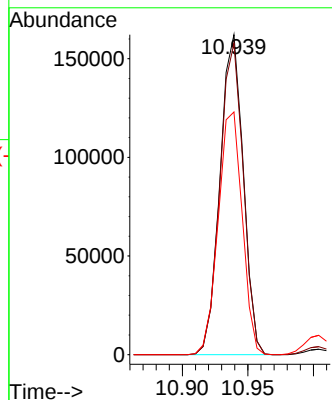
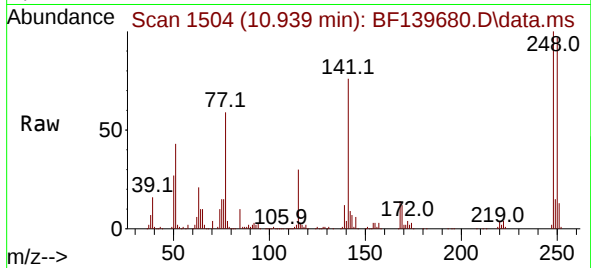




#67
4-Bromophenyl-phenylether
Concen: 47.414 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

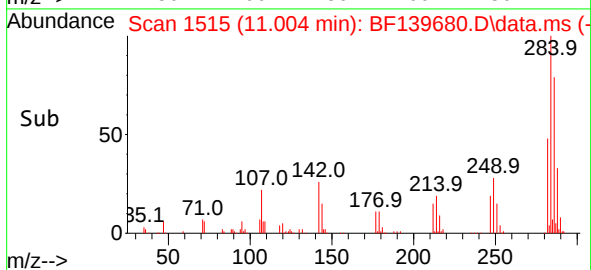
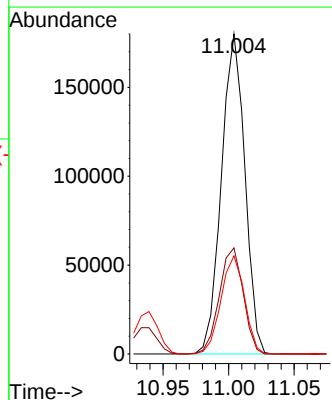
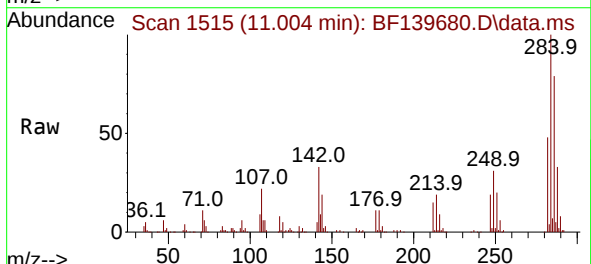
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

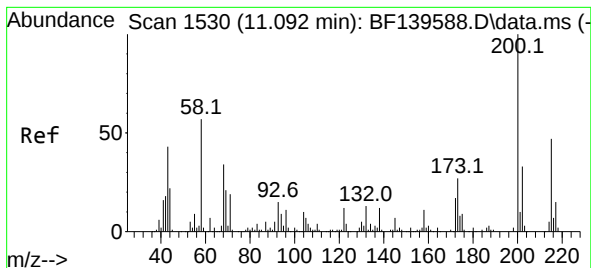
Tgt Ion:248 Resp: 199975
Ion Ratio Lower Upper
248 100
250 97.3 77.1 115.7
141 75.9 60.4 90.6



#68
Hexachlorobenzene
Concen: 47.803 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:284 Resp: 223722
Ion Ratio Lower Upper
284 100
142 33.1 26.9 40.3
249 30.7 25.4 38.0





#69

Atrazine

Concen: 60.487 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

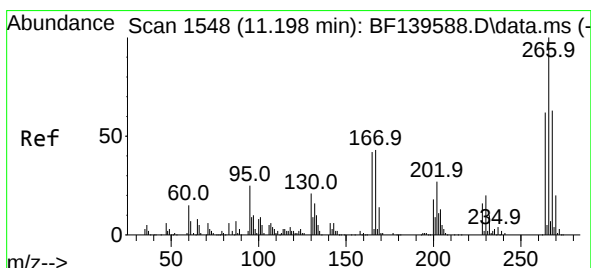
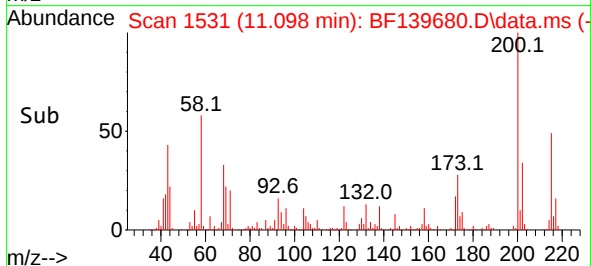
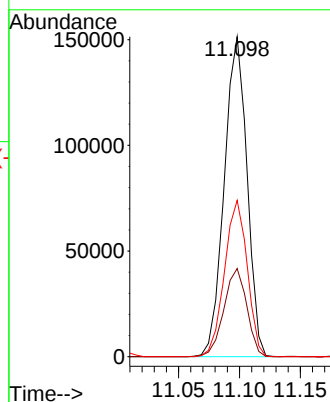
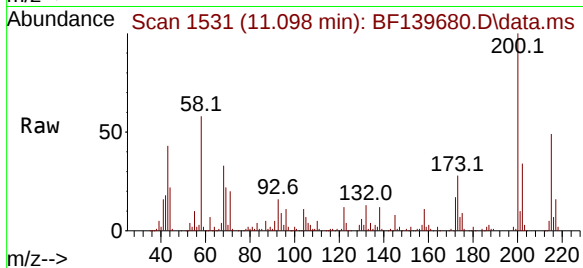
Tgt Ion:200 Resp: 196775

Ion Ratio Lower Upper

200 100

173 27.5 6.7 46.7

215 48.8 27.5 67.5



#70

Pentachlorophenol

Concen: 94.884 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

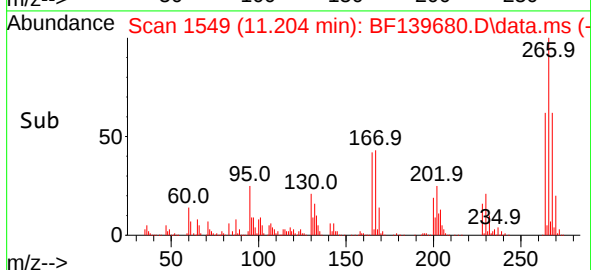
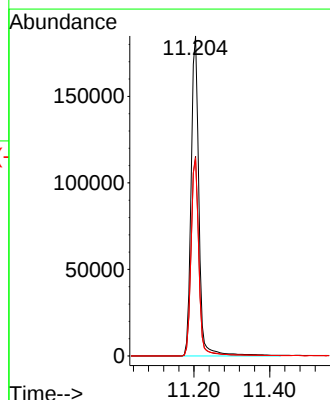
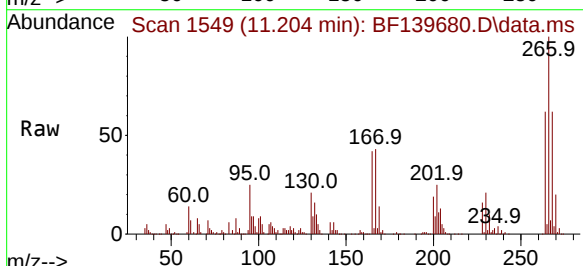
Tgt Ion:266 Resp: 264415

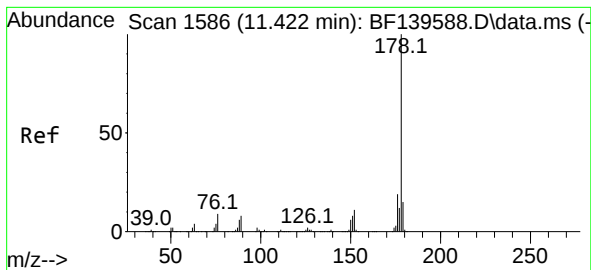
Ion Ratio Lower Upper

266 100

268 62.5 50.0 75.0

264 61.7 49.3 73.9

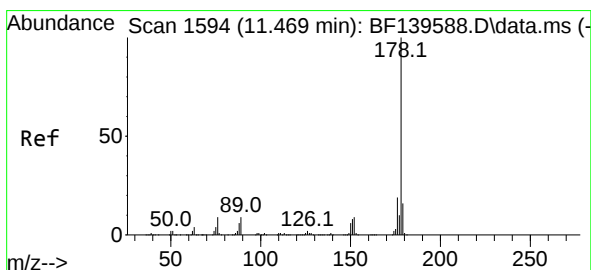
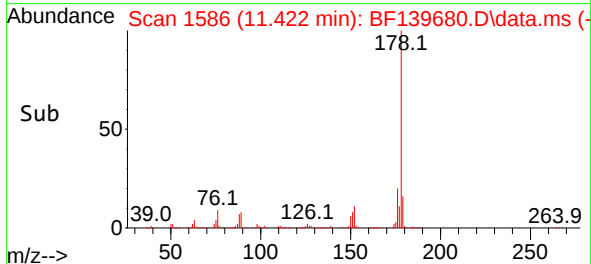
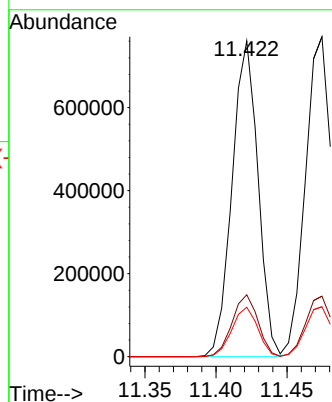
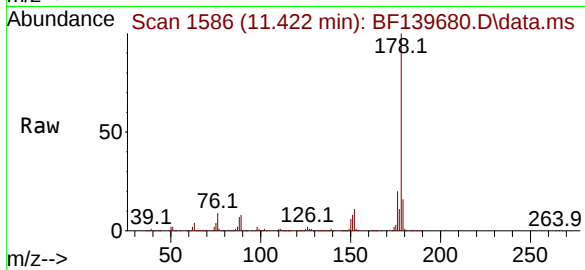




#71
Phenanthrene
Concen: 49.842 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

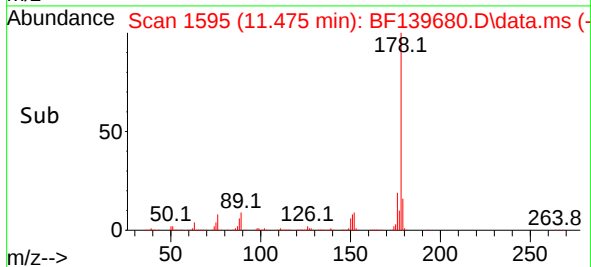
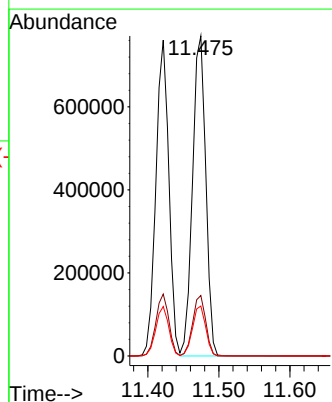
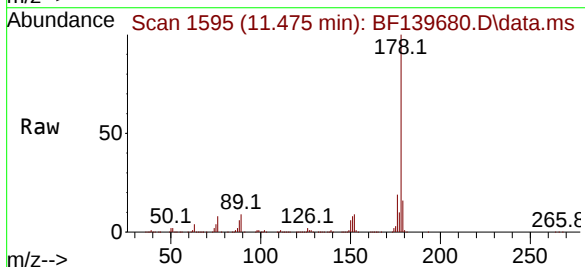
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

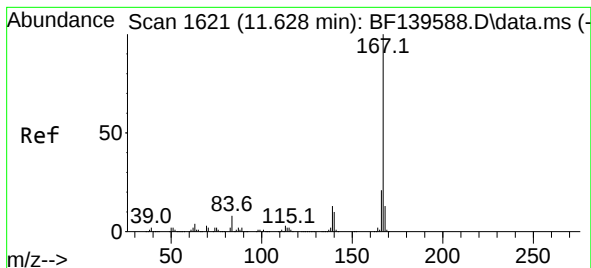
Tgt Ion:178 Resp: 966712
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.3 18.5



#72
Anthracene
Concen: 52.044 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:178 Resp: 998621
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.5 18.7





#73

Carbazole

Concen: 51.213 ng

RT: 11.628 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

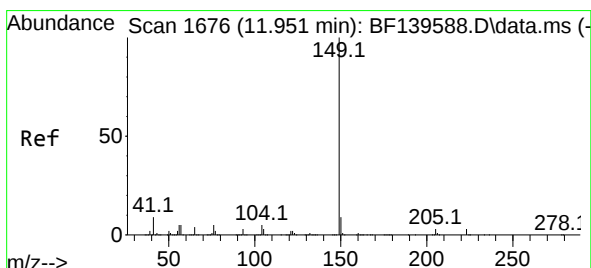
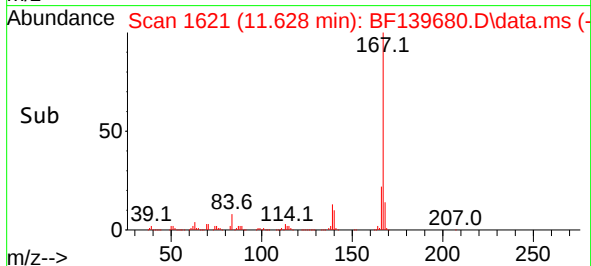
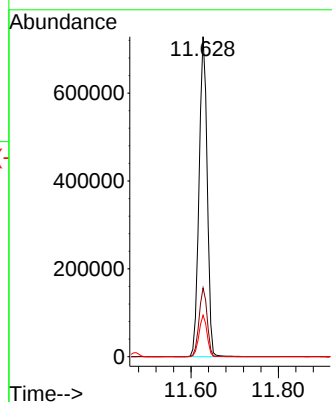
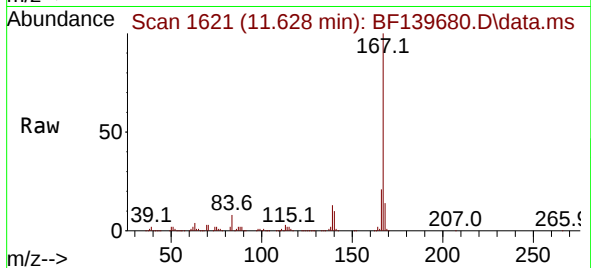
Tgt Ion:167 Resp: 943818

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 50.633 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

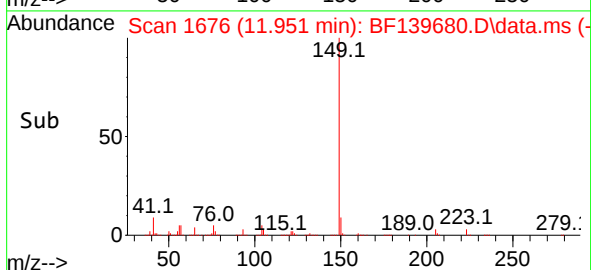
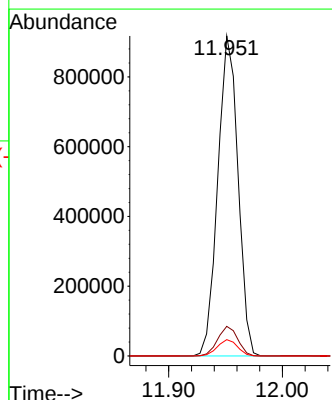
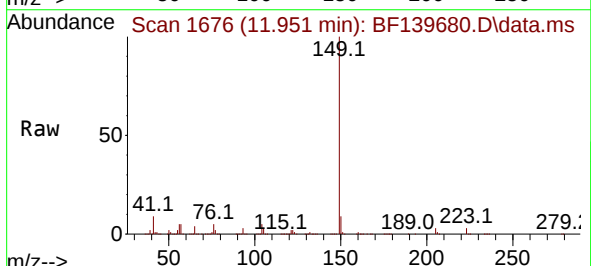
Tgt Ion:149 Resp: 1134711

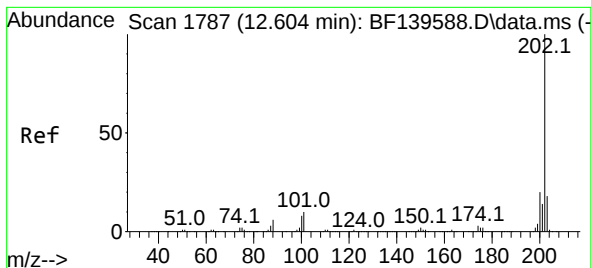
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.1 4.1 6.1

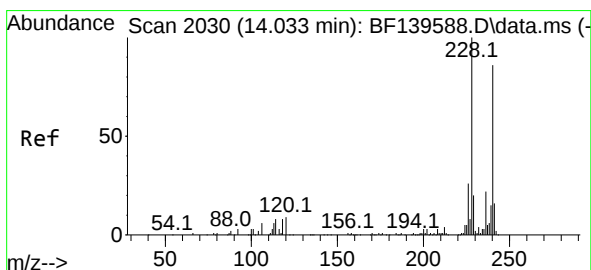
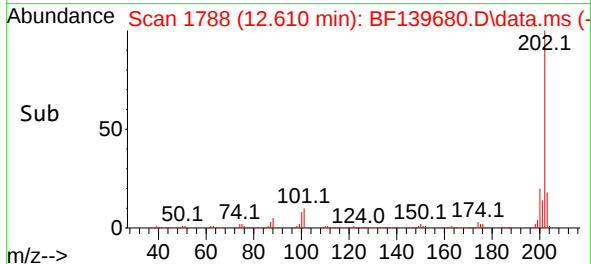
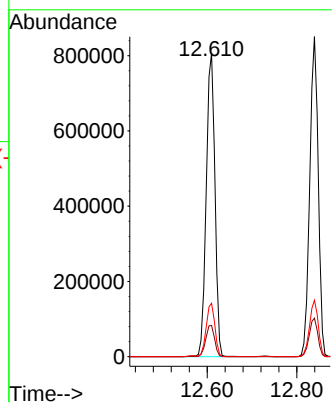
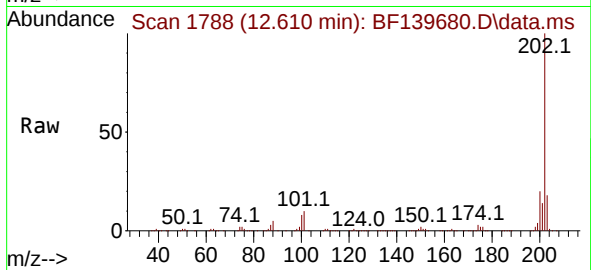




#75
Fluoranthene
Concen: 51.045 ng
RT: 12.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

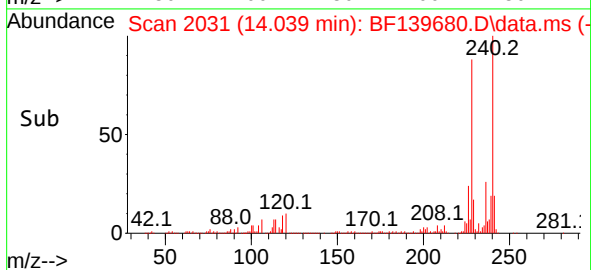
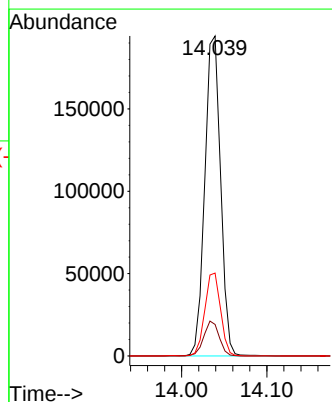
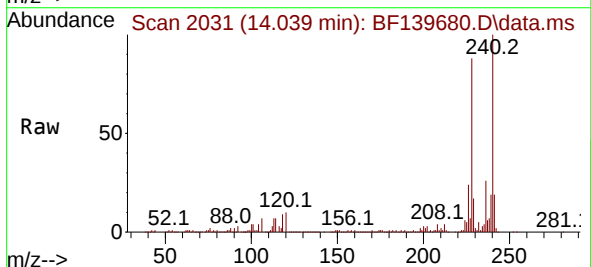
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

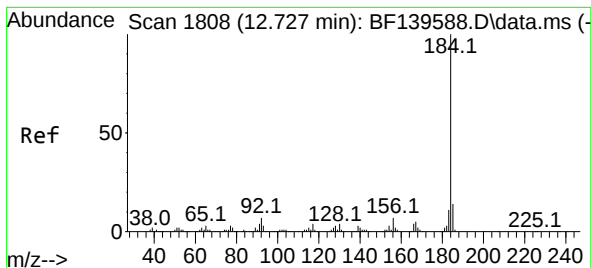
Tgt Ion:202 Resp: 1082267
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:240 Resp: 250047
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.9 20.3 30.5





#77

Benzidine

Concen: 89.826 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

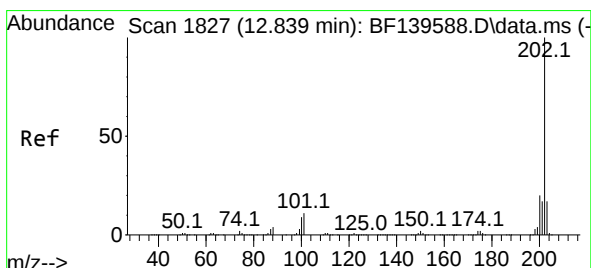
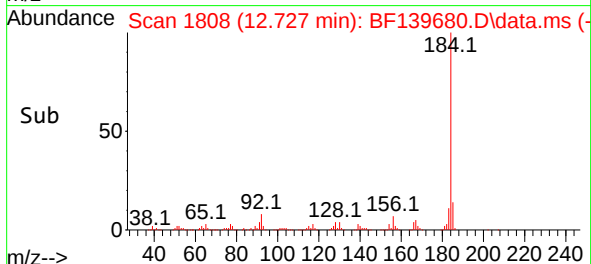
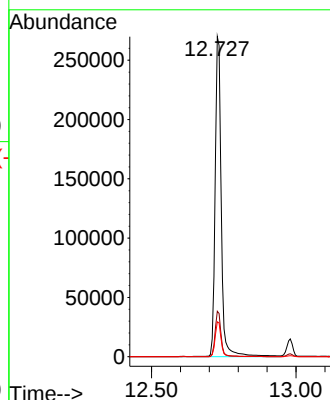
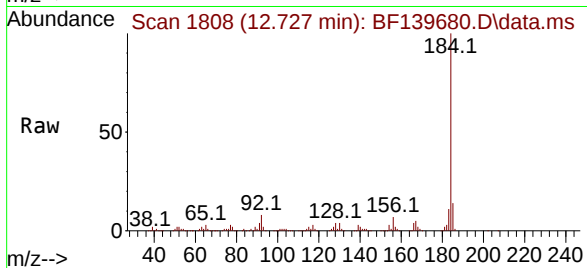
Tgt Ion:184 Resp: 396181

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 10.9 8.8 13.2



#78

Pyrene

Concen: 49.866 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

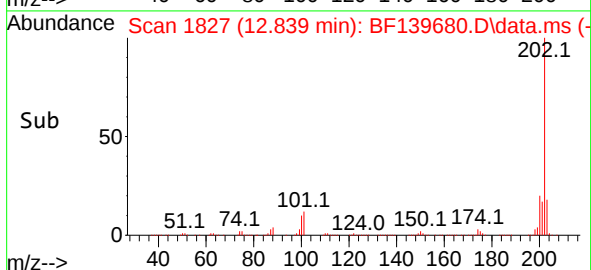
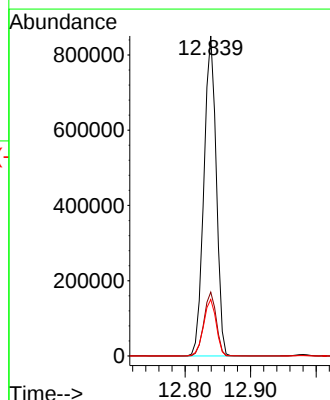
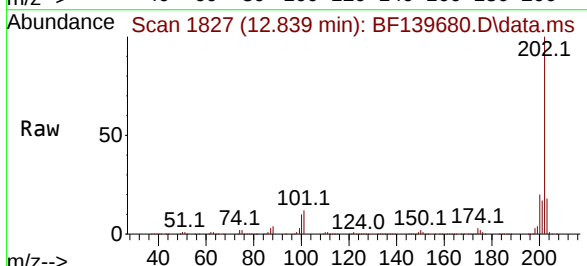
Tgt Ion:202 Resp: 1115202

Ion Ratio Lower Upper

202 100

200 19.9 15.8 23.6

203 17.7 13.8 20.8





#79

Terphenyl-d14

Concen: 98.058 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

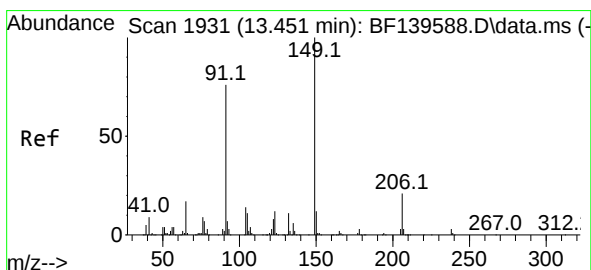
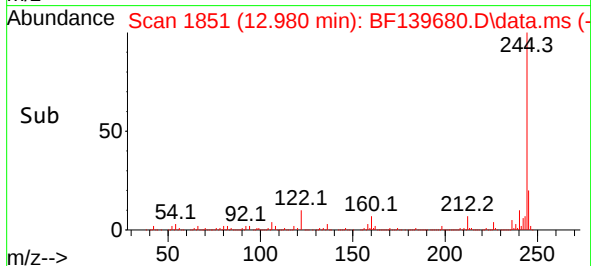
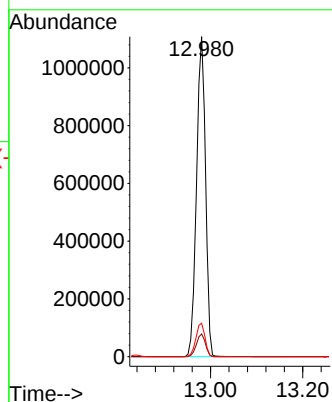
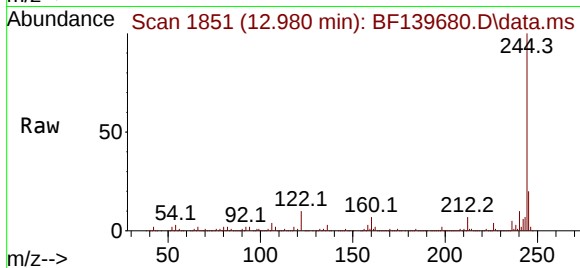
Tgt Ion:244 Resp: 1494314

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.4 8.6 12.8



#80

Butylbenzylphthalate

Concen: 55.310 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

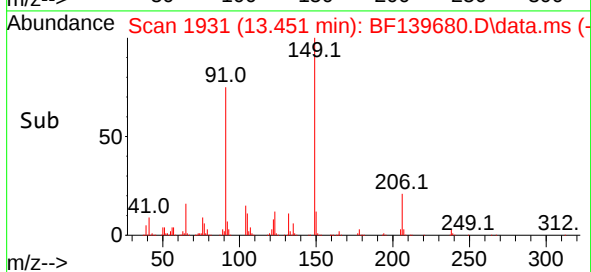
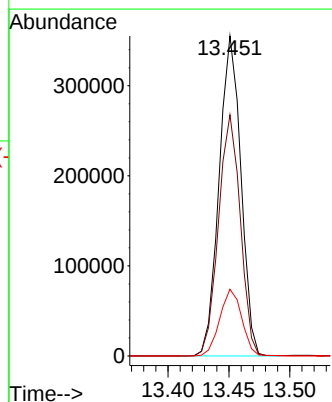
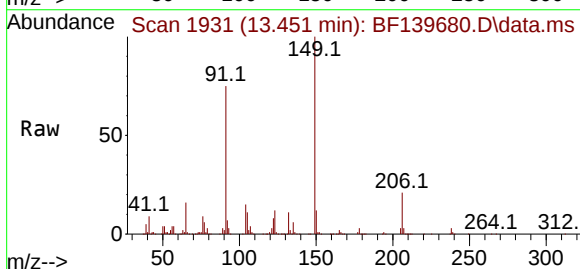
Tgt Ion:149 Resp: 442444

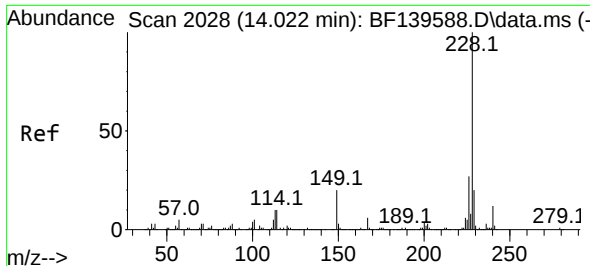
Ion Ratio Lower Upper

149 100

91 75.4 61.0 91.4

206 20.8 16.6 24.8

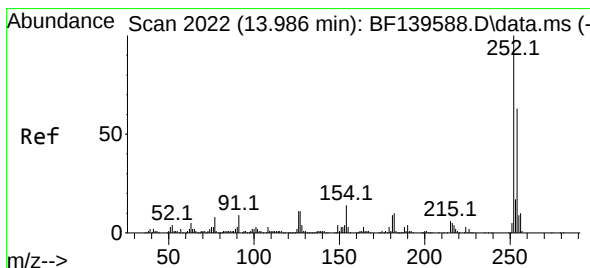
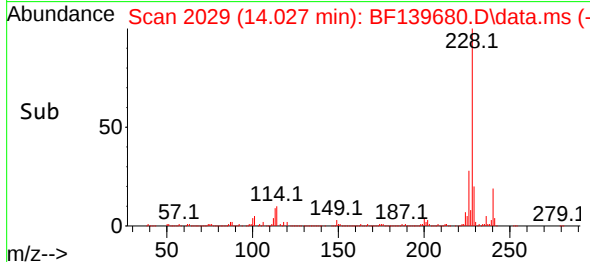
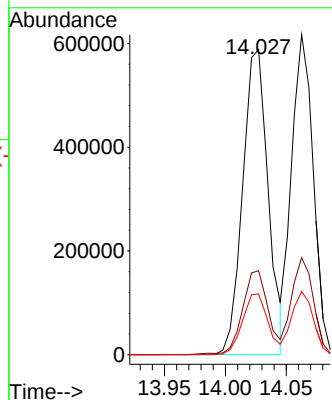
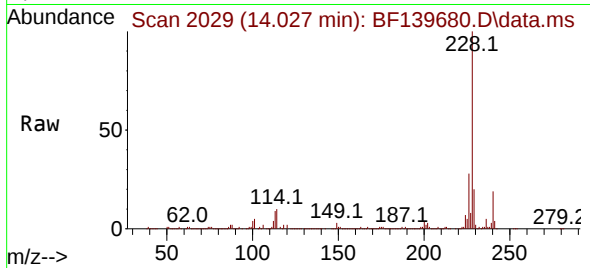




#81
Benzo(a)anthracene
Concen: 52.114 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

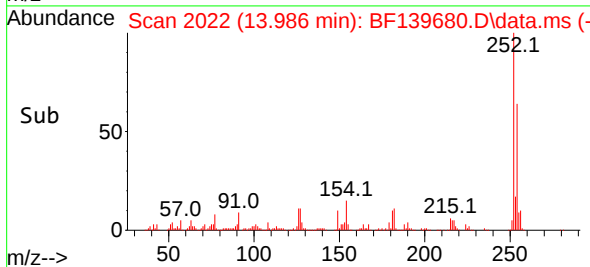
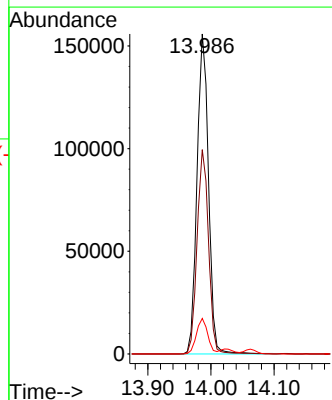
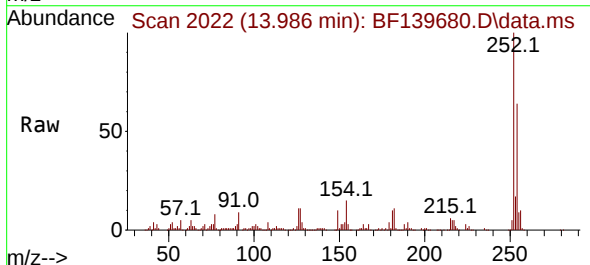
Instrument :
BNA_F
ClientSampleId :
PB163905BSD

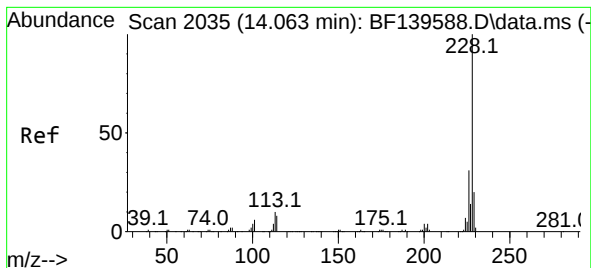
Tgt Ion:228 Resp: 856743
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 39.025 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:252 Resp: 196345
Ion Ratio Lower Upper
252 100
254 63.9 50.5 75.7
126 11.1 8.8 13.2





#83

Chrysene

Concen: 51.196 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

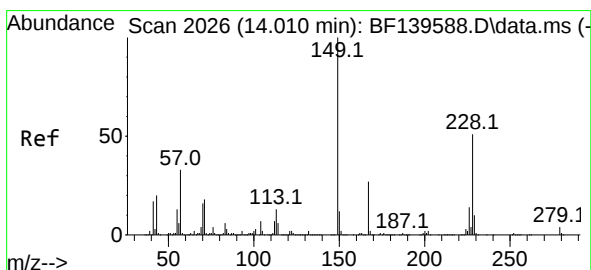
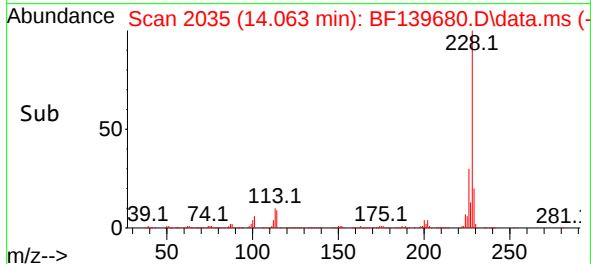
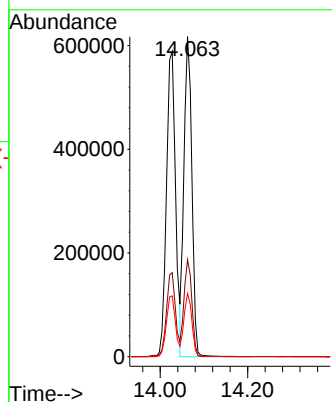
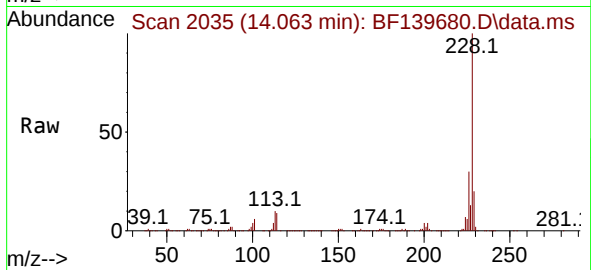
Tgt Ion:228 Resp: 769477

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.926 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

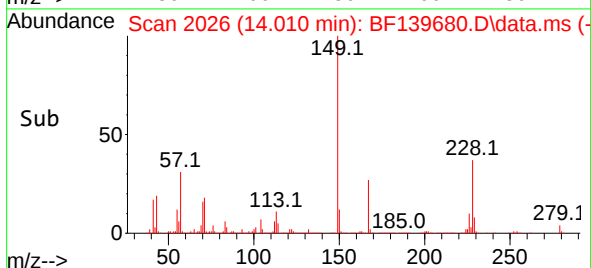
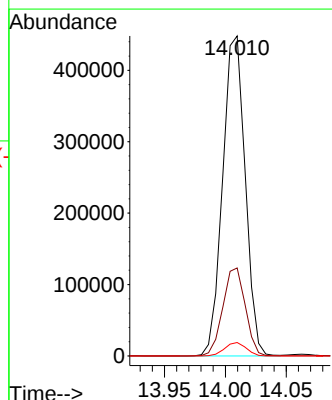
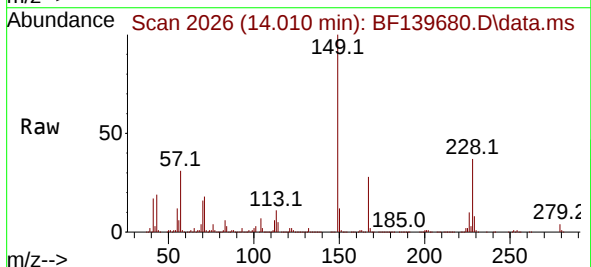
Tgt Ion:149 Resp: 578609

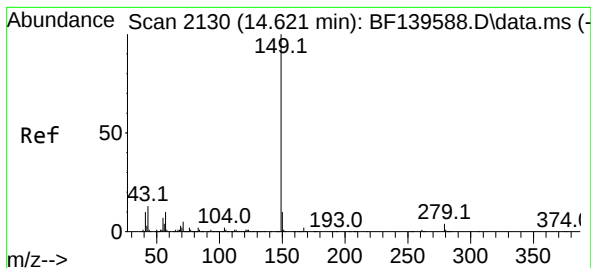
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.416 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

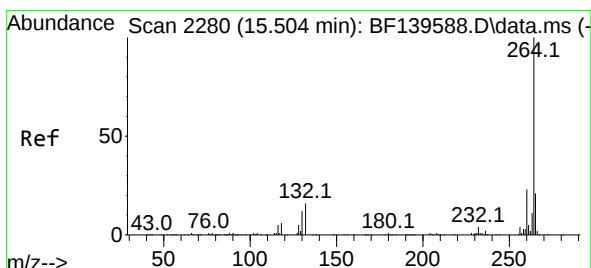
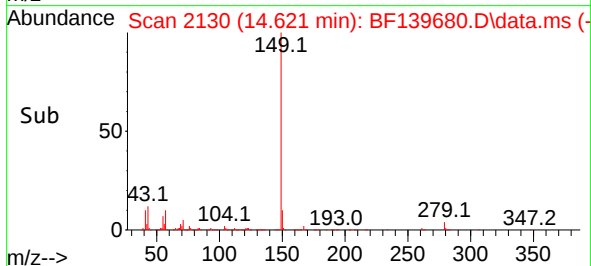
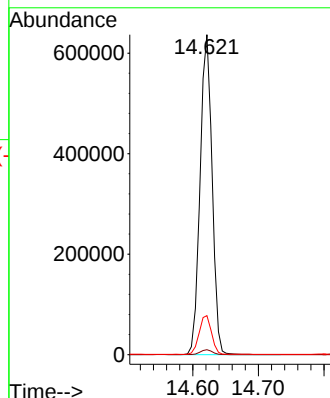
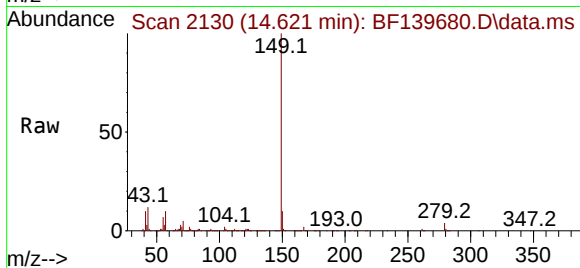
Tgt Ion:149 Resp: 813211

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.5 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

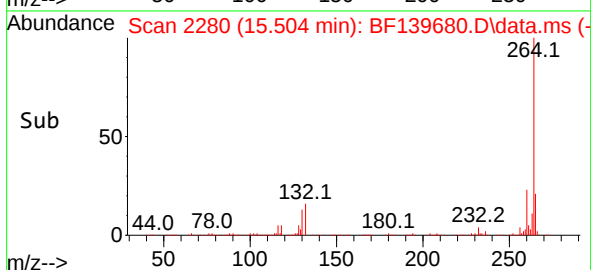
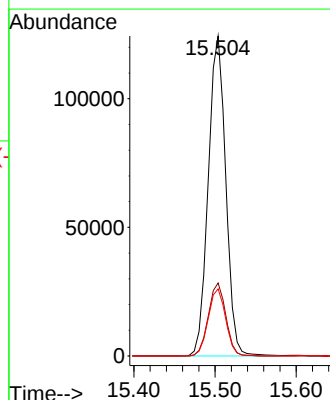
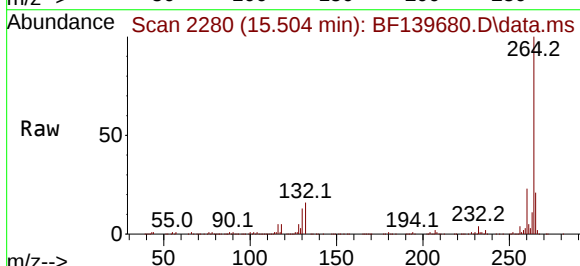
Tgt Ion:264 Resp: 186311

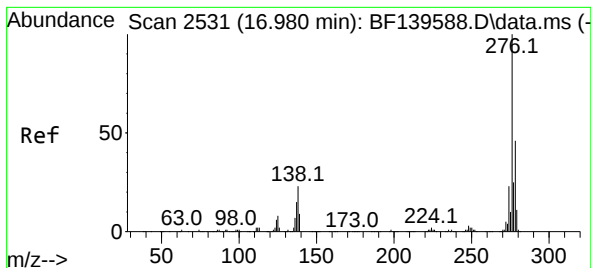
Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 20.9 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.369 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

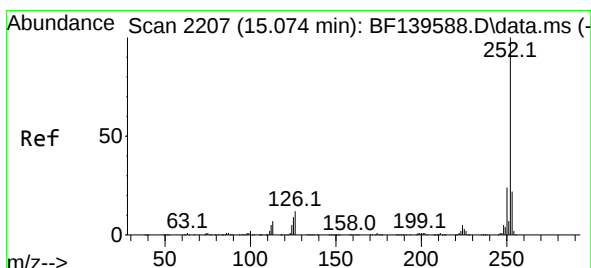
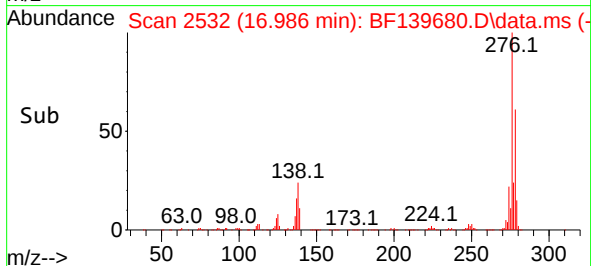
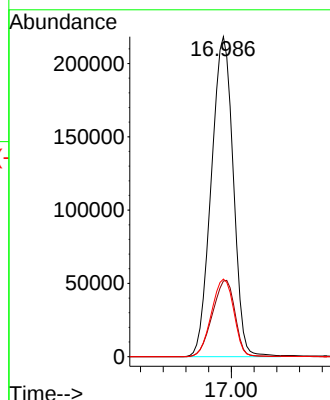
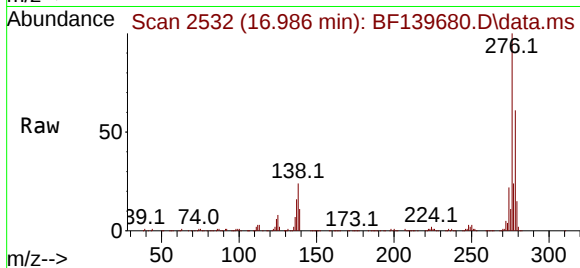
Tgt Ion:276 Resp: 585233

Ion Ratio Lower Upper

276 100

138 24.6 19.4 29.0

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 52.568 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

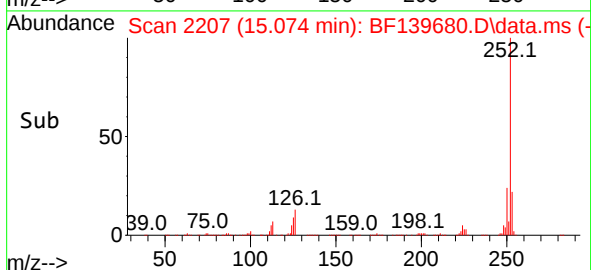
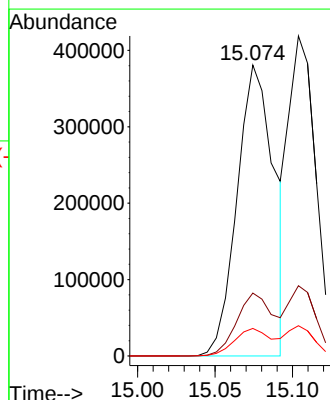
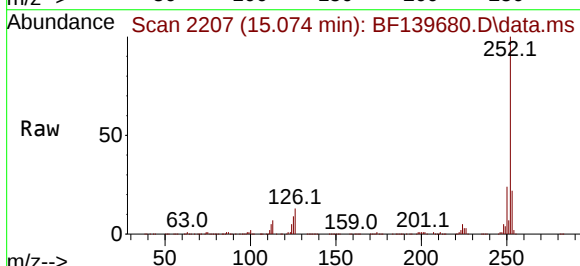
Tgt Ion:252 Resp: 633260

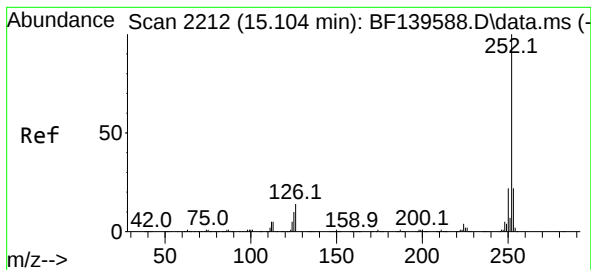
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 50.571 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB163905BSD

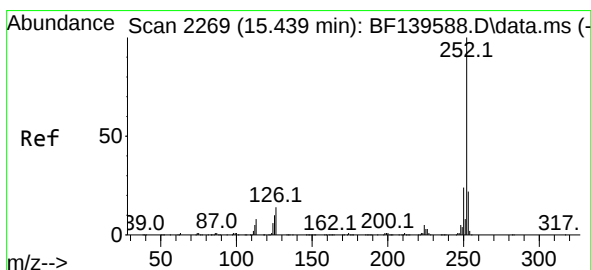
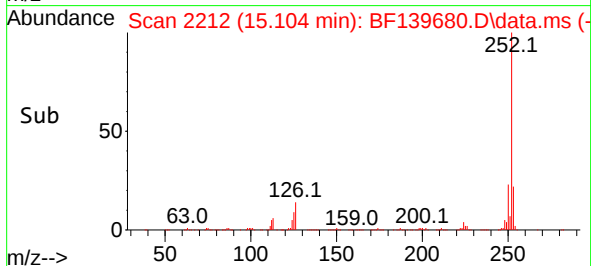
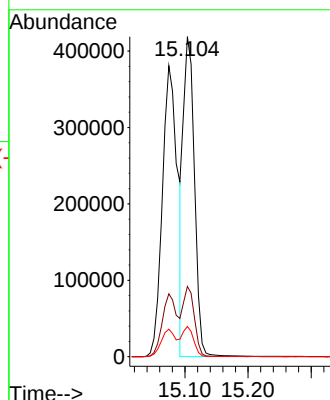
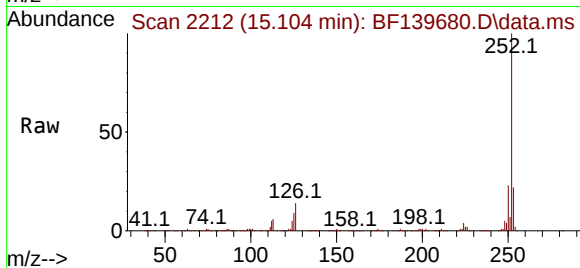
Tgt Ion:252 Resp: 516771

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.5 7.6 11.4



#90

Benzo(a)pyrene

Concen: 54.770 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF139680.D

Acq: 07 Oct 2024 12:12

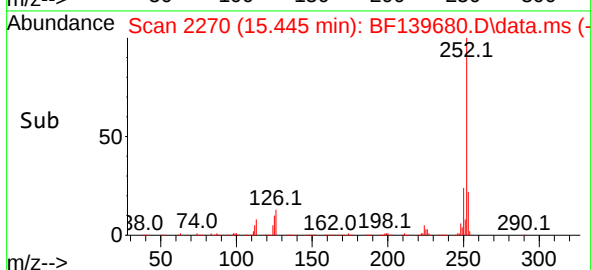
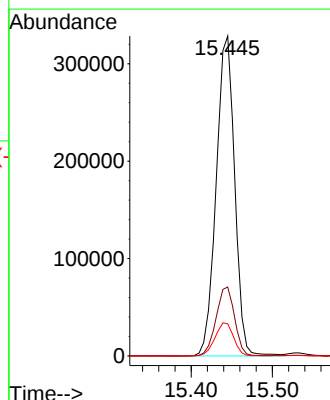
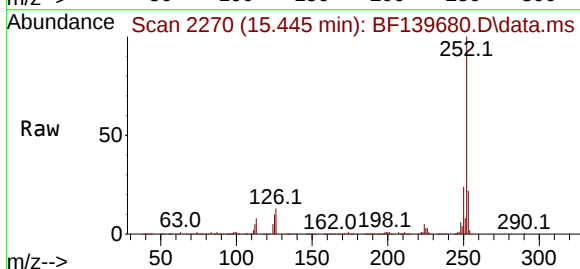
Tgt Ion:252 Resp: 520239

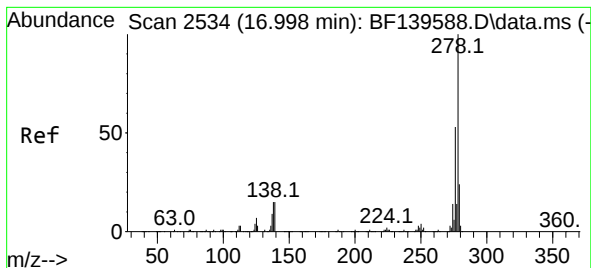
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 10.1 8.3 12.5

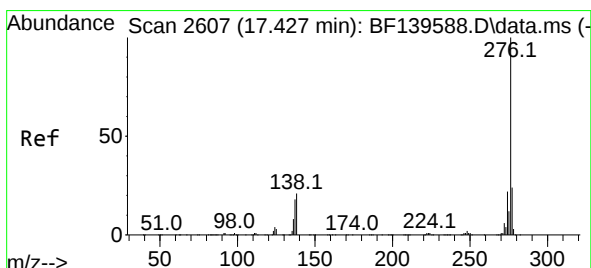
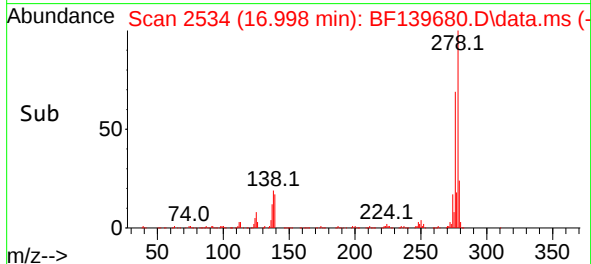
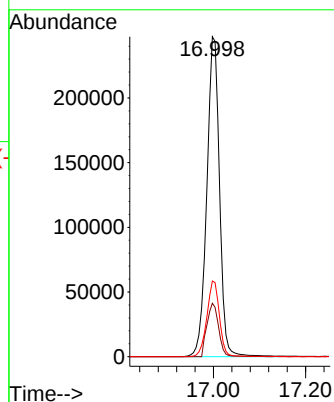
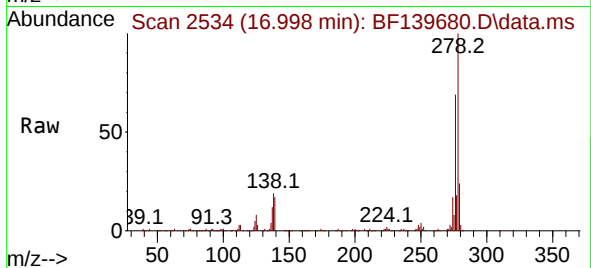




#91
Dibenzo(a,h)anthracene
Concen: 52.412 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Instrument :
BNA_F
ClientSampleId :
PB163905BSD

Tgt Ion:278 Resp: 476695
Ion Ratio Lower Upper
278 100
139 16.7 12.2 18.4
279 23.7 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 49.587 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF139680.D
Acq: 07 Oct 2024 12:12

Tgt Ion:276 Resp: 452315
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 20.9 17.0 25.6

