

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138068.D
 Acq On : 30 May 2024 11:31
 Operator : CG\JU
 Sample : PB161191BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161191BS

Quant Time: May 30 11:59:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	97757	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	381684	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	216137	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	352961	20.000	ng	0.00
76) Chrysene-d12	14.233	240	192241	20.000	ng	0.00
86) Perylene-d12	15.798	264	196468	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	692727	120.370	ng	0.01
7) Phenol-d6	6.663	99	827737	116.760	ng	0.00
23) Nitrobenzene-d5	7.604	82	512669	79.047	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	313984	144.075	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1159021	82.602	ng	0.00
79) Terphenyl-d14	13.169	244	1114297	85.427	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.046	88	78408	31.450	ng	95
3) Pyridine	3.793	79	191694	34.268	ng	95
4) n-Nitrosodimethylamine	3.751	42	96540	39.120	ng	94
6) Aniline	6.698	93	198066m	31.237	ng	
8) 2-Chlorophenol	6.822	128	279986	44.956	ng	98
9) Benzaldehyde	6.592	77	192666	50.233	ng	99
10) Phenol	6.675	94	302196	42.232	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	231367	42.112	ng	97
12) 1,3-Dichlorobenzene	6.981	146	296639	41.166	ng	98
13) 1,4-Dichlorobenzene	7.057	146	303863	42.011	ng	99
14) 1,2-Dichlorobenzene	7.204	146	290574	42.685	ng	99
15) Benzyl Alcohol	7.175	79	217499	45.945	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.298	45	263058	38.951	ng	96
17) 2-Methylphenol	7.281	107	213252	42.935	ng	98
18) Hexachloroethane	7.551	117	102612	41.924	ng	95
19) n-Nitroso-di-n-propyla...	7.445	70	169918	42.662	ng	97
20) 3+4-Methylphenols	7.434	107	274115m	42.127	ng	
22) Acetophenone	7.445	105	372266	43.538	ng	# 99
24) Nitrobenzene	7.622	77	258034	39.218	ng	98
25) Isophorone	7.857	82	479764	42.622	ng	96
26) 2-Nitrophenol	7.934	139	154685	46.789	ng	97
27) 2,4-Dimethylphenol	7.963	122	196179	46.091	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	288356	42.268	ng	100
29) 2,4-Dichlorophenol	8.175	162	236779	44.238	ng	98
30) 1,2,4-Trichlorobenzene	8.257	180	252147	42.193	ng	100
31) Naphthalene	8.345	128	807210	42.061	ng	100
32) Benzoic acid	8.086	122	156147	43.398	ng	99
33) 4-Chloroaniline	8.386	127	125837	20.002	ng	99
34) Hexachlorobutadiene	8.451	225	161987	42.824	ng	99
35) Caprolactam	8.769	113	70329m	45.354	ng	
36) 4-Chloro-3-methylphenol	8.863	107	242684	44.572	ng	96
37) 2-Methylnaphthalene	9.033	142	537524	43.574	ng	98
38) 1-Methylnaphthalene	9.139	142	494081	40.740	ng	98
40) 1,2,4,5-Tetrachloroben...	9.204	216	264323	44.984	ng	99
41) Hexachlorocyclopentadiene	9.186	237	253827	113.686	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	175029	45.430	ng	99

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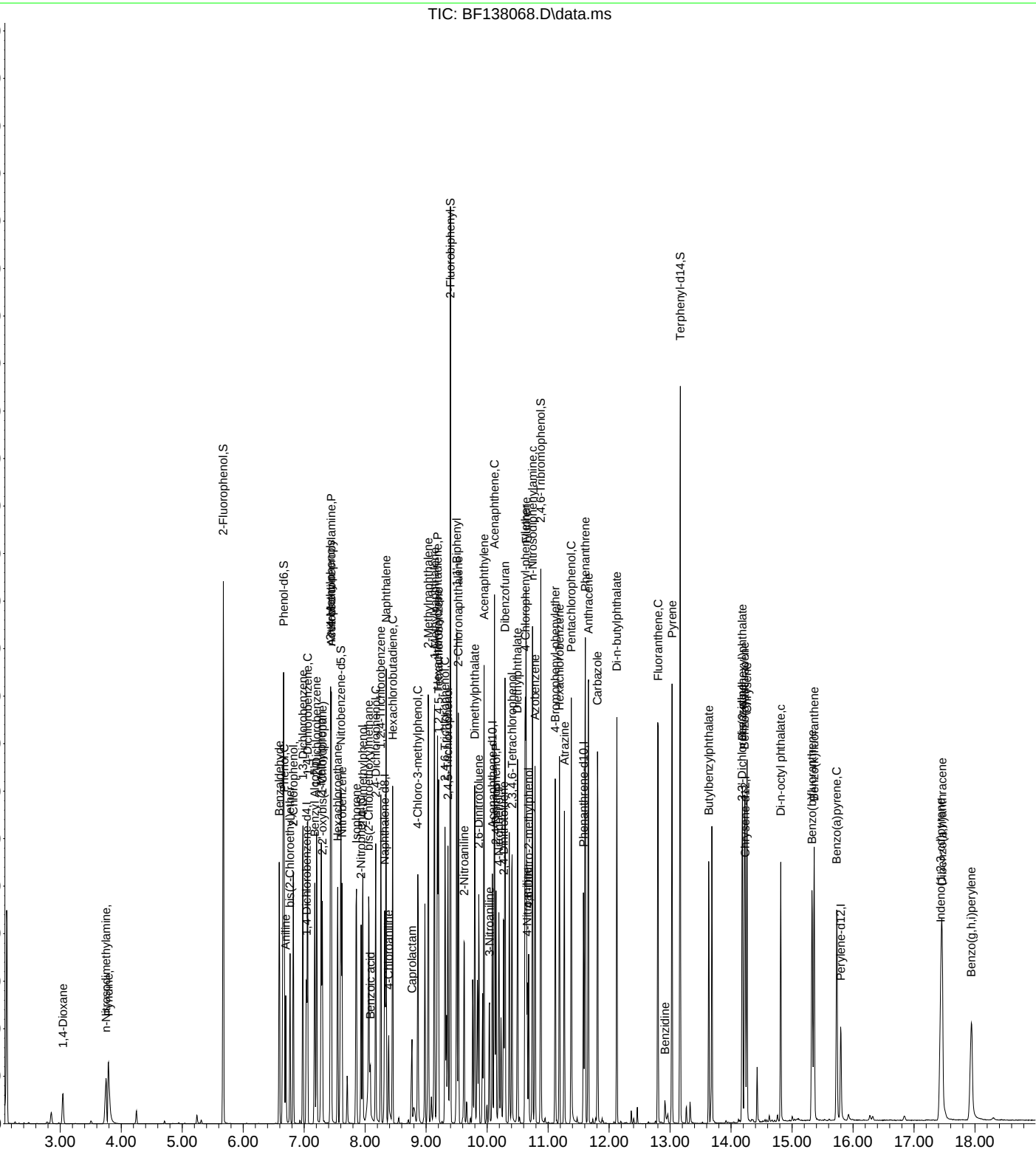
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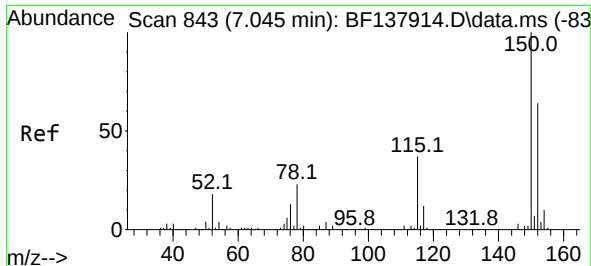
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.357	196	186589	44.262	ng	98
46) 1,1'-Biphenyl	9.504	154	666257	43.950	ng	98
47) 2-Chloronaphthalene	9.528	162	509231	42.080	ng	97
48) 2-Nitroaniline	9.622	65	132621	42.797	ng	96
49) Acenaphthylene	9.951	152	802909	46.144	ng	98
50) Dimethylphthalate	9.798	163	613297	45.250	ng	99
51) 2,6-Dinitrotoluene	9.863	165	136607	43.915	ng	99
52) Acenaphthene	10.122	154	542382m	47.162	ng	
53) 3-Nitroaniline	10.039	138	94697	31.139	ng	90
54) 2,4-Dinitrophenol	10.145	184	139439	82.714	ng	84
55) Dibenzofuran	10.292	168	731353	43.696	ng	98
56) 4-Nitrophenol	10.192	139	185337	84.854	ng	96
57) 2,4-Dinitrotoluene	10.275	165	181191	45.056	ng	97
58) Fluorene	10.639	166	574973	43.432	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.410	232	154939	46.786	ng	98
60) Diethylphthalate	10.498	149	574190	45.361	ng	99
61) 4-Chlorophenyl-phenyle...	10.627	204	290453	44.490	ng	92
62) 4-Nitroaniline	10.657	138	114337	39.640	ng	98
63) Azobenzene	10.786	77	489249	42.493	ng	100
65) 4,6-Dinitro-2-methylph...	10.680	198	102186	50.140	ng	93
66) n-Nitrosodiphenylamine	10.745	169	492138	45.466	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	180288	46.593	ng	97
68) Hexachlorobenzene	11.186	284	200549	46.887	ng	97
69) Atrazine	11.269	200	166104	56.197	ng	99
70) Pentachlorophenol	11.380	266	219093	87.446	ng	97
71) Phenanthrene	11.610	178	770403	44.292	ng	100
72) Anthracene	11.663	178	790268	45.792	ng	99
73) Carbazole	11.810	167	676932	42.940	ng	99
74) Di-n-butylphthalate	12.127	149	806174	46.079	ng	100
75) Fluoranthene	12.804	202	739191	41.869	ng	98
77) Benzidine	12.916	184	52841	21.032	ng	98
78) Pyrene	13.033	202	725112	43.125	ng	100
80) Butylbenzylphthalate	13.633	149	248114	48.922	ng	98
81) Benzo(a)anthracene	14.221	228	553305	45.493	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	130059	38.587	ng	99
83) Chrysene	14.263	228	531343	45.680	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	309576	48.558	ng	100
85) Di-n-octyl phthalate	14.815	149	536559	62.298	ng	97
87) Indeno(1,2,3-cd)pyrene	17.439	276	610709	48.383	ng	97
88) Benzo(b)fluoranthene	15.327	252	524874	46.140	ng	99
89) Benzo(k)fluoranthene	15.362	252	517259	46.285	ng	99
90) Benzo(a)pyrene	15.733	252	480698	49.487	ng	98
91) Dibenzo(a,h)anthracene	17.462	278	498203	47.771	ng	97
92) Benzo(g,h,i)perylene	17.939	276	477238	43.561	ng	98

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

PB161191BS

Response via : Initial Calibration

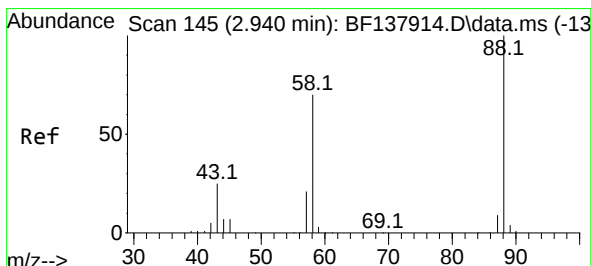
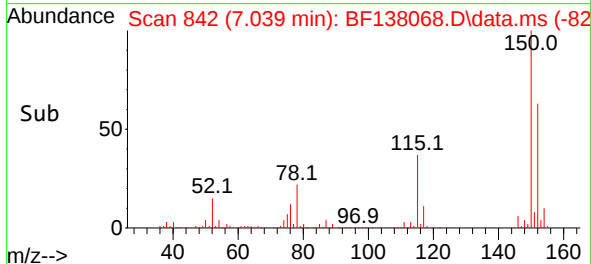
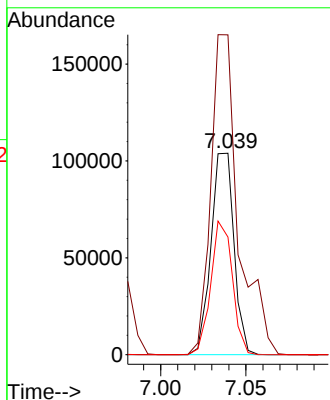
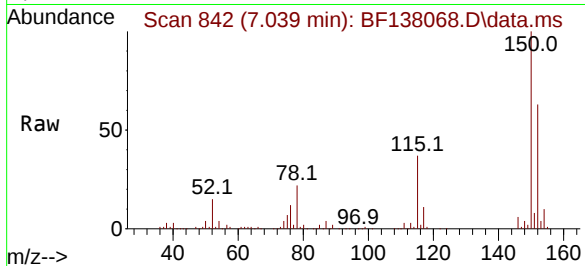




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.039 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BF138068.D
 Acq: 30 May 2024 11:31

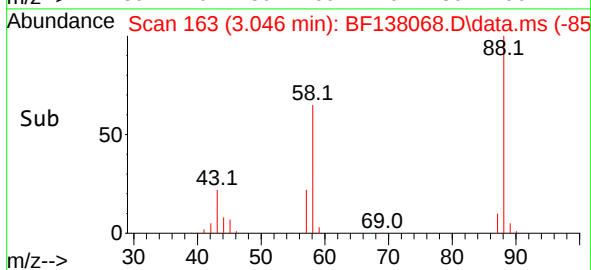
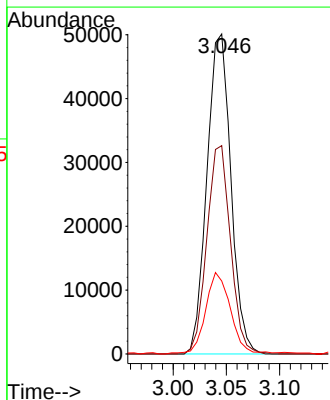
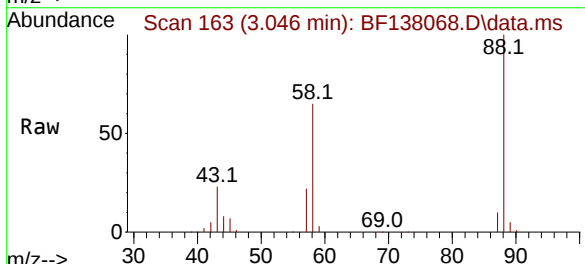
Instrument :
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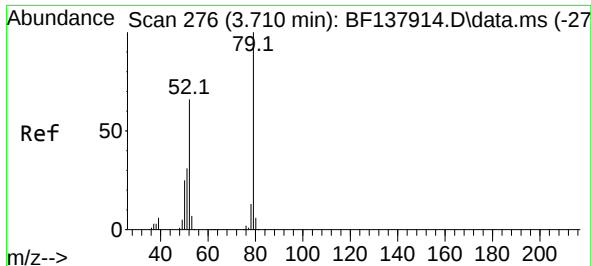
Tgt Ion:152 Resp: 97757
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.7 188.5
 115 58.4 47.0 70.6



#2
 1,4-Dioxane
 Concen: 31.450 ng
 RT: 3.046 min Scan# 163
 Delta R.T. 0.106 min
 Lab File: BF138068.D
 Acq: 30 May 2024 11:31

Tgt Ion: 88 Resp: 78408
 Ion Ratio Lower Upper
 88 100
 58 64.0 54.4 81.6
 43 26.5 19.6 29.4

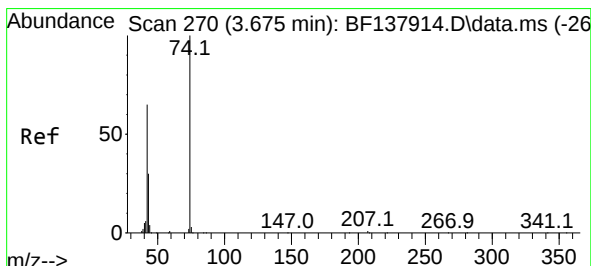
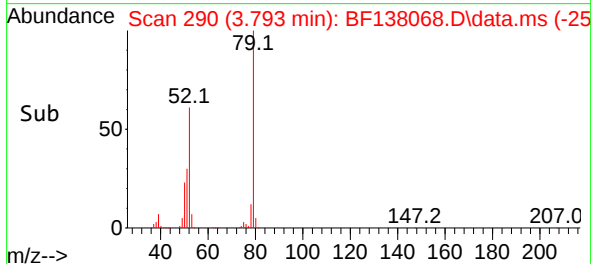
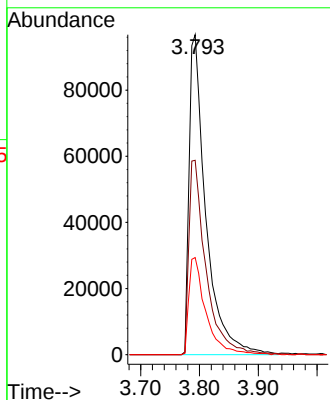
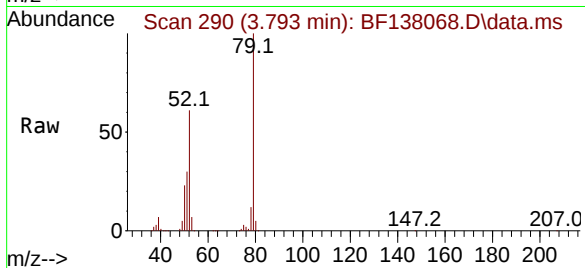




#3
Pyridine
Concen: 34.268 ng
RT: 3.793 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

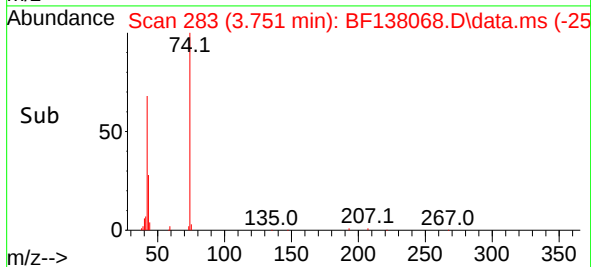
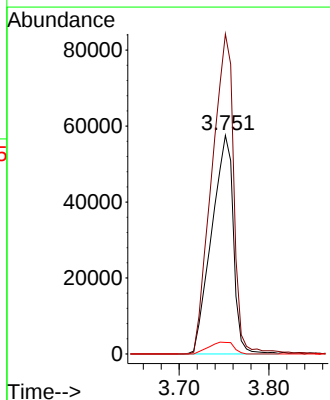
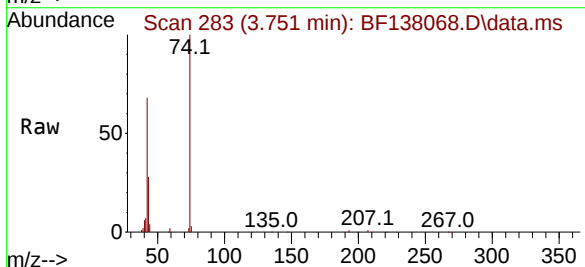
Instrument :
BNA_F
ClientSampleId :
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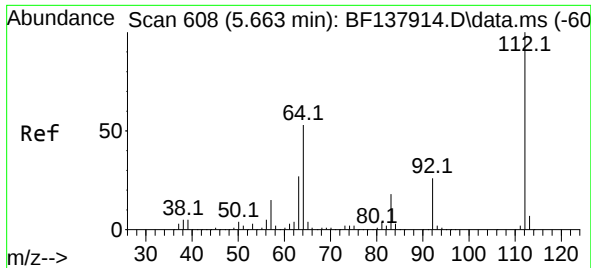
Tgt Ion: 79 Resp: 191694
Ion Ratio Lower Upper
79 100
52 60.8 52.5 78.7
51 30.3 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 39.120 ng
RT: 3.751 min Scan# 283
Delta R.T. 0.077 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion: 42 Resp: 96540
Ion Ratio Lower Upper
42 100
74 146.4 123.1 184.7
44 5.3 5.0 7.6

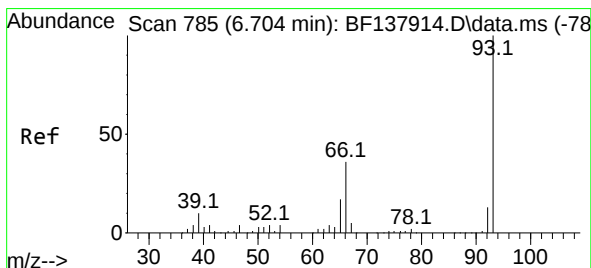
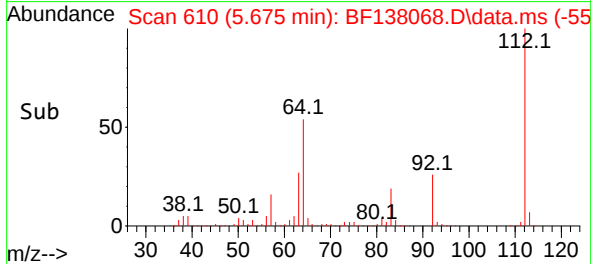
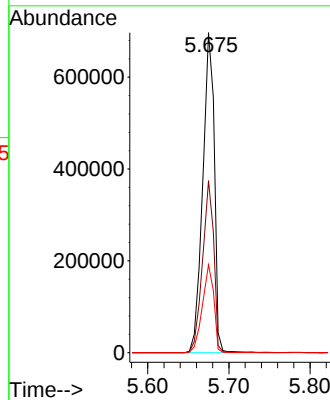
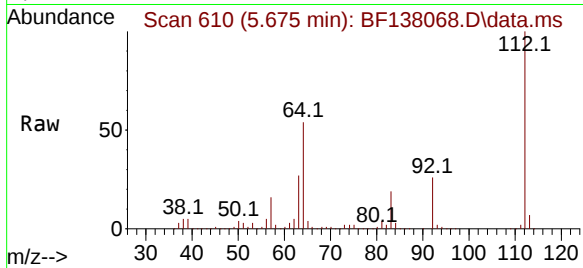




#5
2-Fluorophenol
Concen: 120.370 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

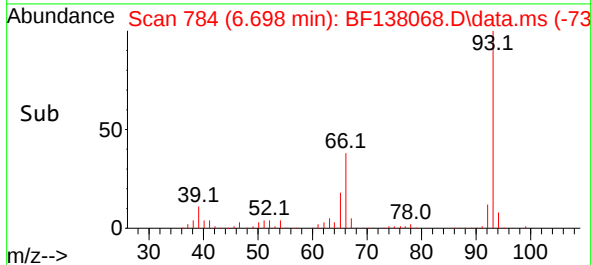
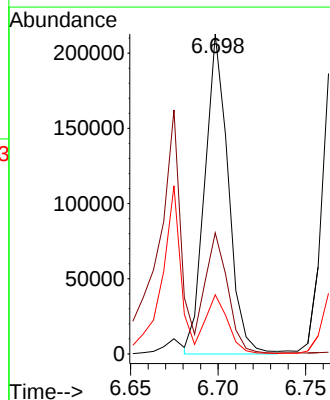
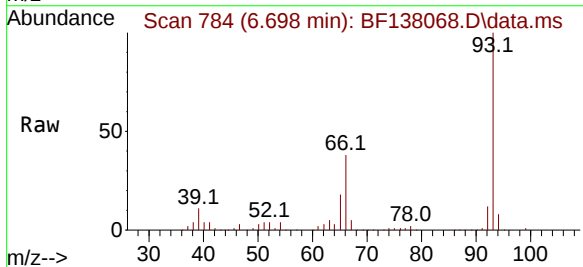
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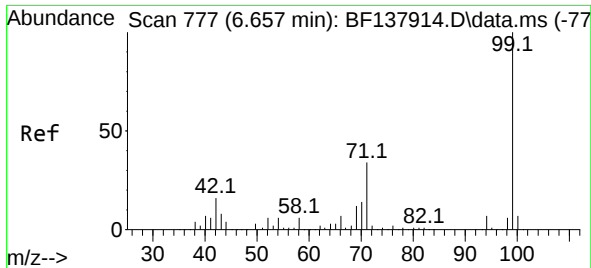
Tgt Ion:112 Resp: 692727
Ion Ratio Lower Upper
112 100
64 53.8 42.4 63.6
63 27.4 21.4 32.2



#6
Aniline
Concen: 31.237 ng m
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion: 93 Resp: 198066
Ion Ratio Lower Upper
93 100
66 37.9 30.7 46.1
65 18.5 15.0 22.4

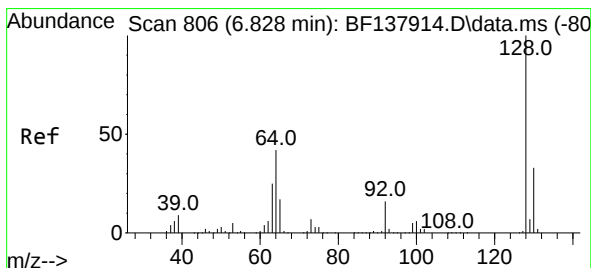
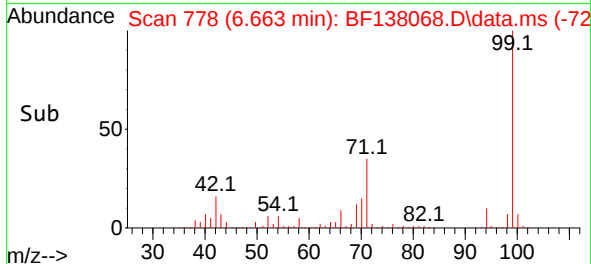
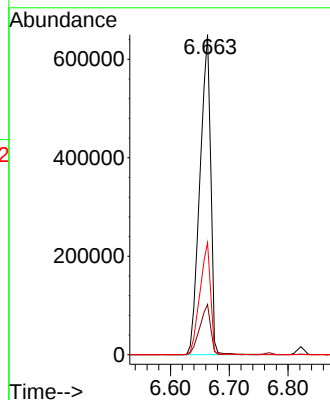
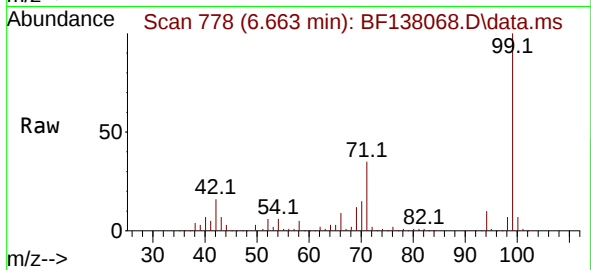




#7
Phenol-d6
Concen: 116.760 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

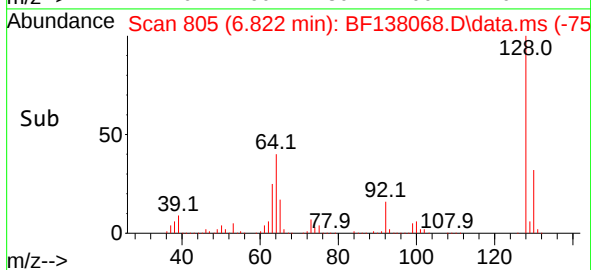
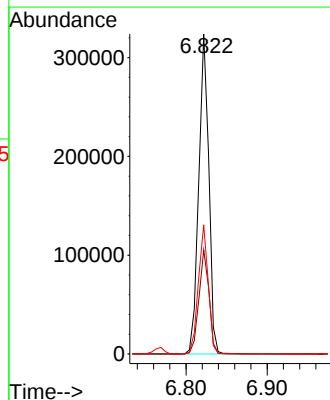
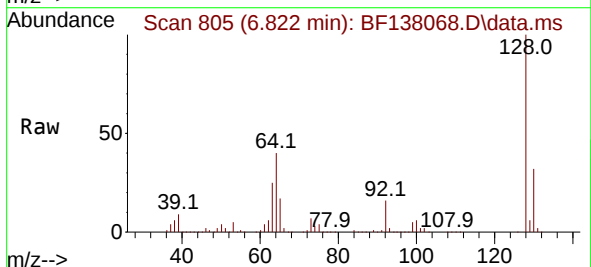
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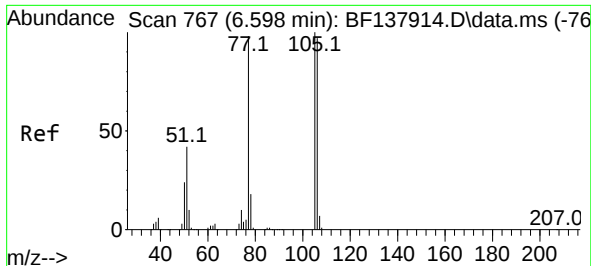
Tgt Ion: 99 Resp: 827737
Ion Ratio Lower Upper
99 100
42 15.7 12.6 18.8
71 35.0 27.1 40.7



#8
2-Chlorophenol
Concen: 44.956 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion: 128 Resp: 279986
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 40.3 22.2 62.2

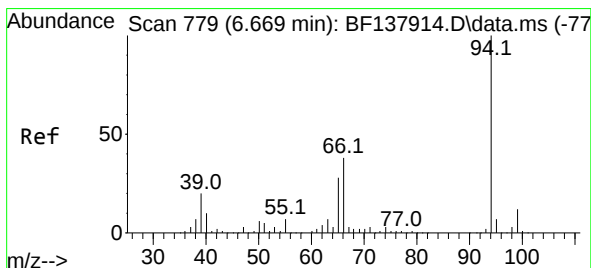
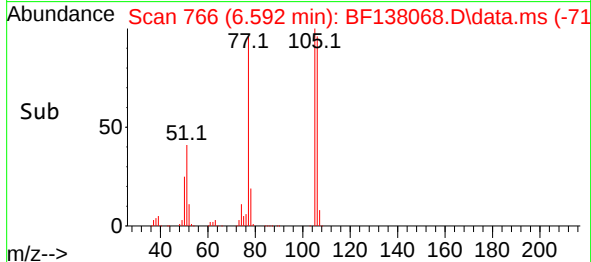
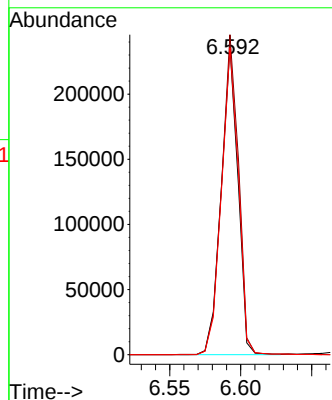
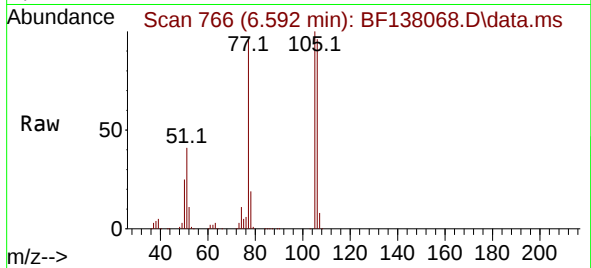




#9
Benzaldehyde
Concen: 50.233 ng
RT: 6.592 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

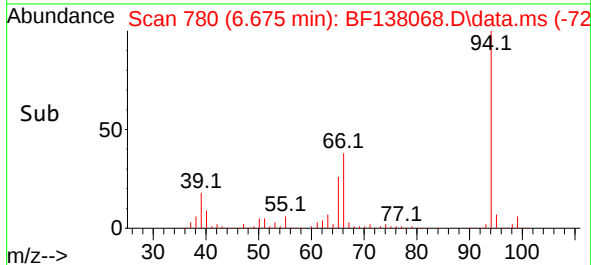
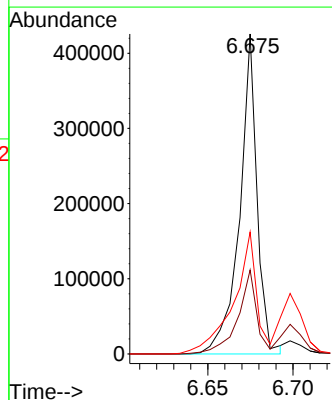
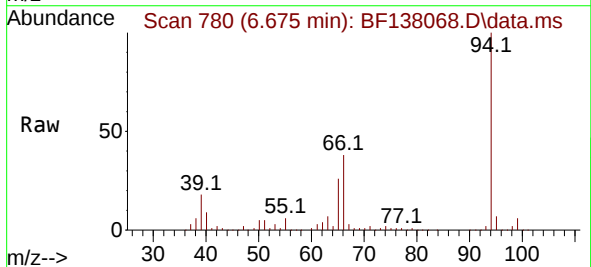
Instrument :
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ClientSampleId :
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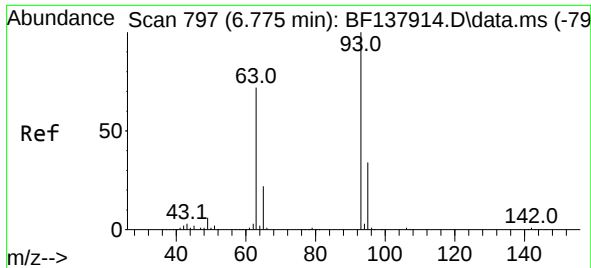
Tgt Ion: 77 Resp: 192666
Ion Ratio Lower Upper
77 100
105 103.8 82.3 122.3
106 99.6 79.2 119.2



#10
Phenol
Concen: 42.232 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion: 94 Resp: 302196
Ion Ratio Lower Upper
94 100
65 26.3 7.8 47.8
66 38.1 18.6 58.6

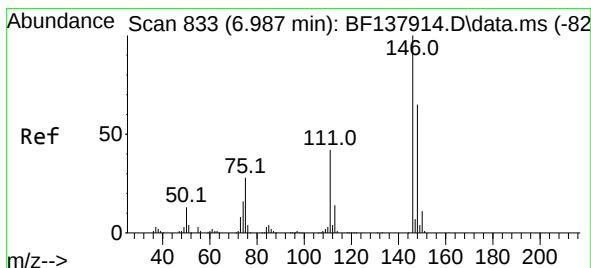
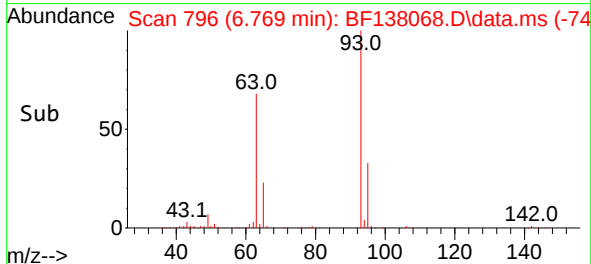
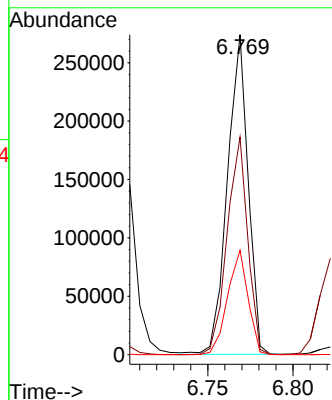
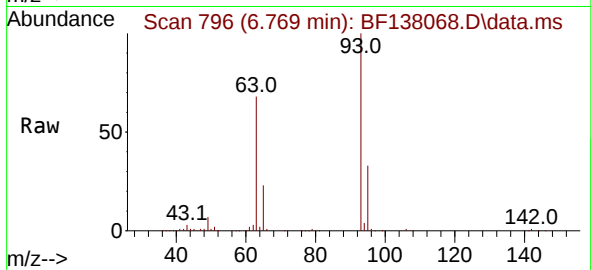




#11
bis(2-Chloroethyl)ether
Concen: 42.112 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

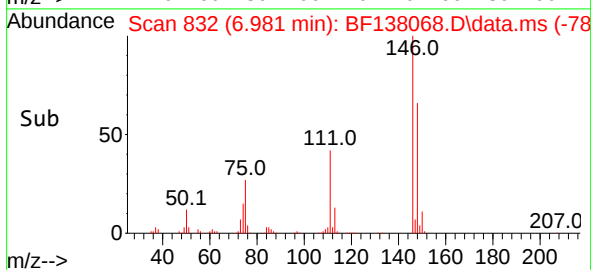
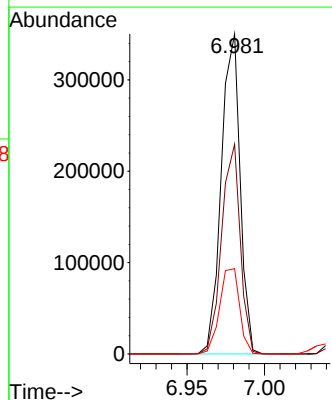
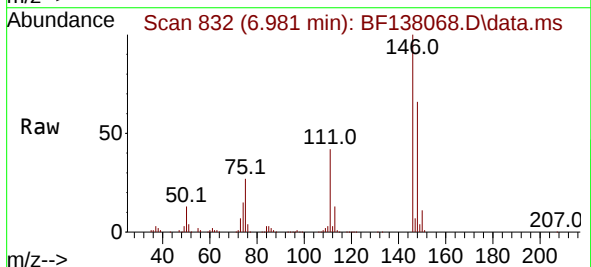
Instrument :
BNA_F
ClientSampleId :
PB161191BS

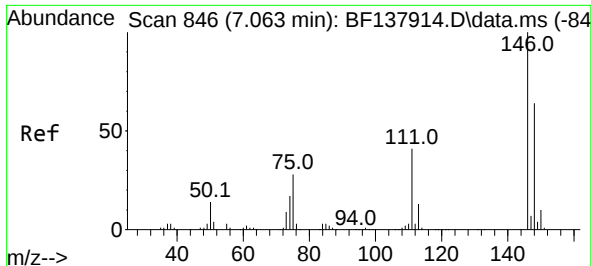
Tgt Ion: 93 Resp: 231367
Ion Ratio Lower Upper
93 100
63 68.0 51.4 91.4
95 32.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 41.166 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:146 Resp: 296639
Ion Ratio Lower Upper
146 100
148 65.6 51.7 77.5
75 26.6 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 42.011 ng

RT: 7.057 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

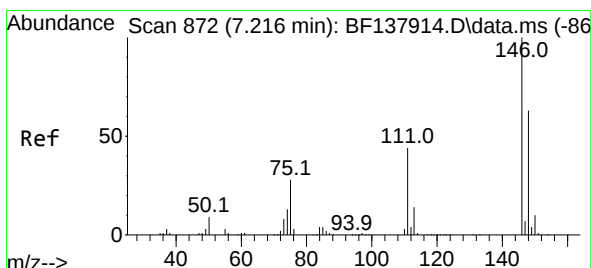
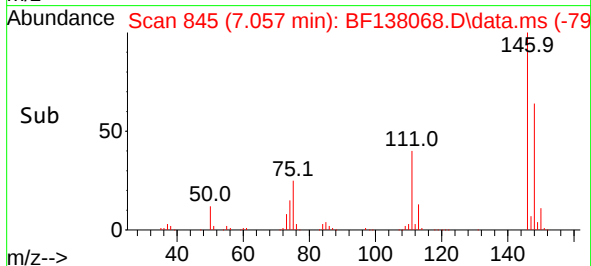
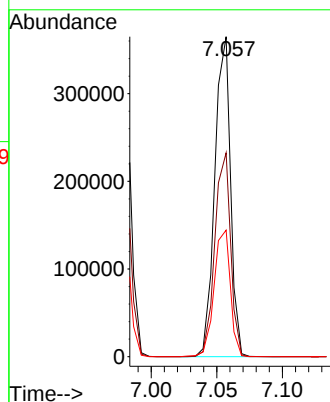
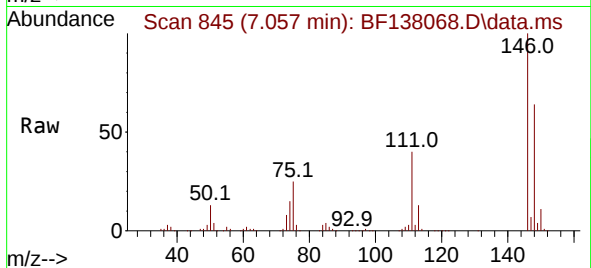
Tgt Ion:146 Resp: 303863

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 39.6 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 42.685 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

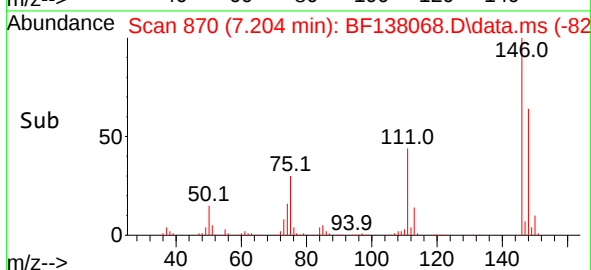
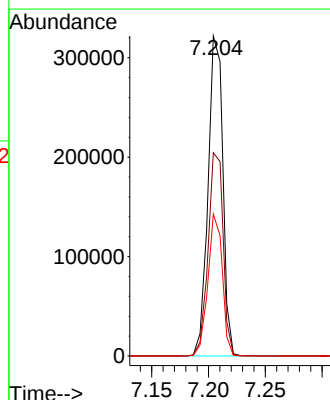
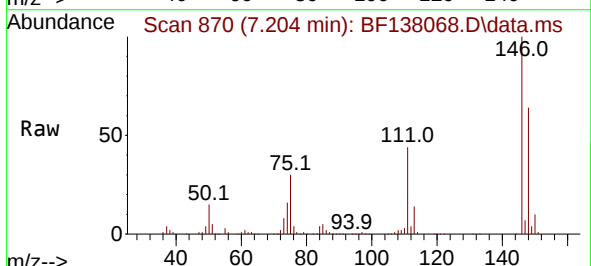
Tgt Ion:146 Resp: 290574

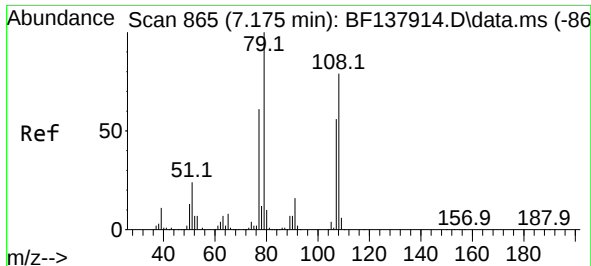
Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.4

111 44.3 35.1 52.7

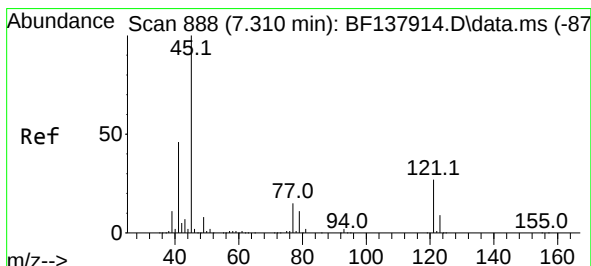
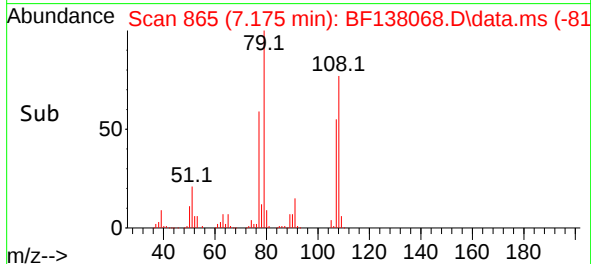
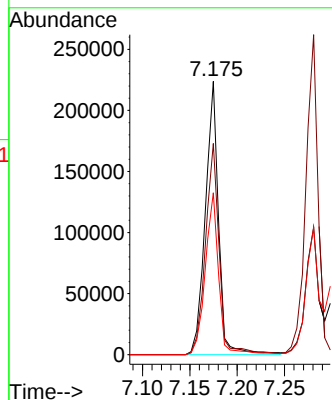
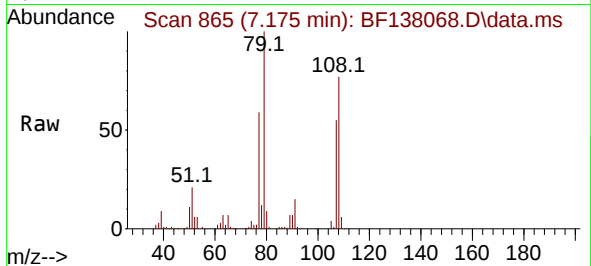




#15
Benzyl Alcohol
Concen: 45.945 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

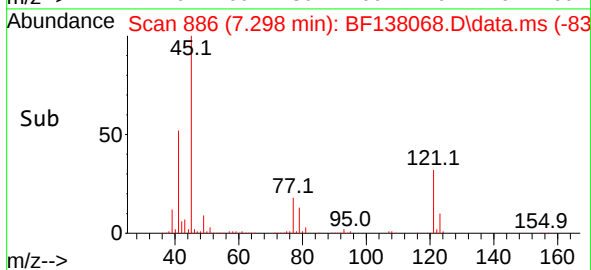
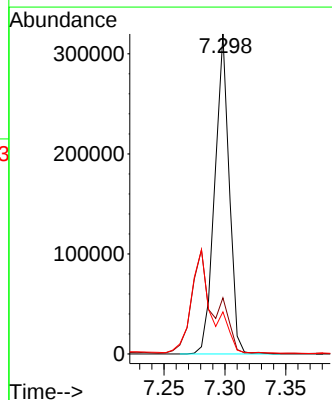
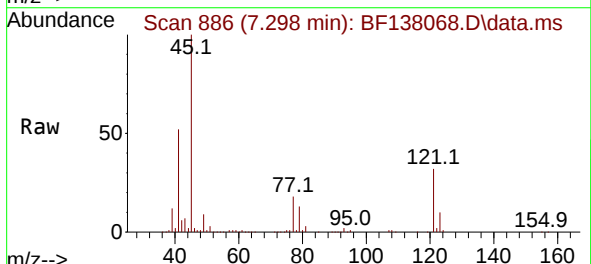
Instrument :
BNA_F
ClientSampleId :
PB161191BS

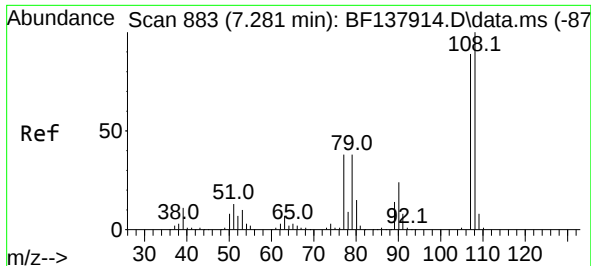
Tgt Ion: 79 Resp: 217499
Ion Ratio Lower Upper
79 100
108 77.3 62.8 94.2
77 59.3 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.951 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion: 45 Resp: 263058
Ion Ratio Lower Upper
45 100
77 17.5 0.0 35.3
79 13.1 0.0 32.1

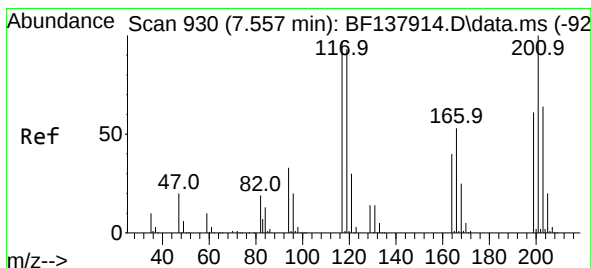
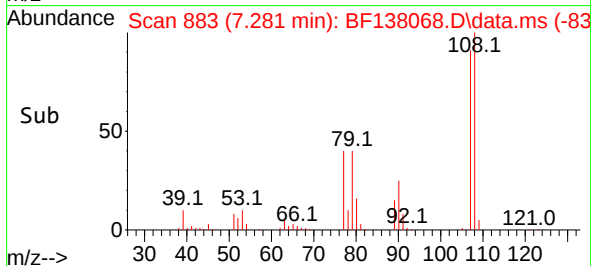
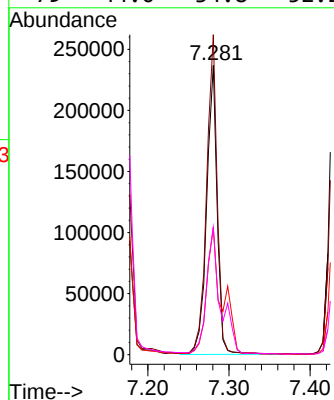
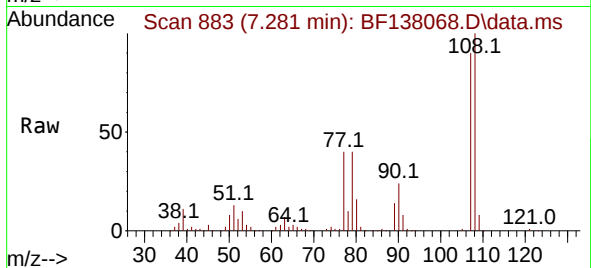




#17
2-Methylphenol
Concen: 42.935 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

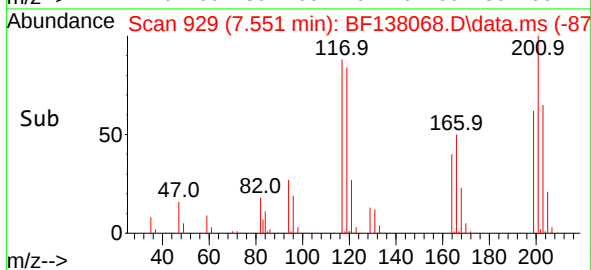
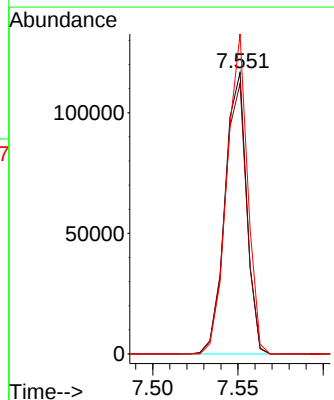
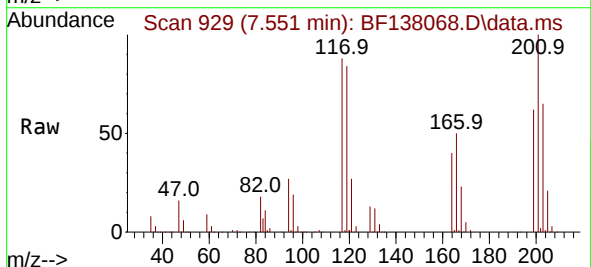
Instrument :
BNA_F
ClientSampleId :
PB161191BS

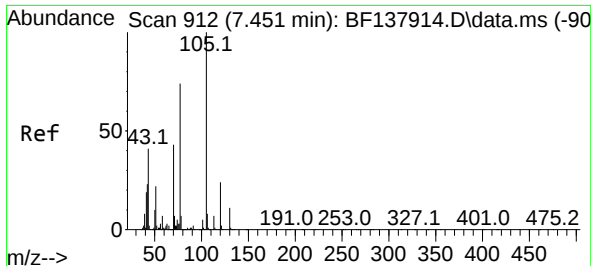
Tgt Ion:	107	Resp:	213252
Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.1	135.1
77	44.0	34.3	51.5
79	44.0	34.8	52.2



#18
Hexachloroethane
Concen: 41.924 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:	117	Resp:	102612
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.8	115.2
201	113.7	82.7	124.1

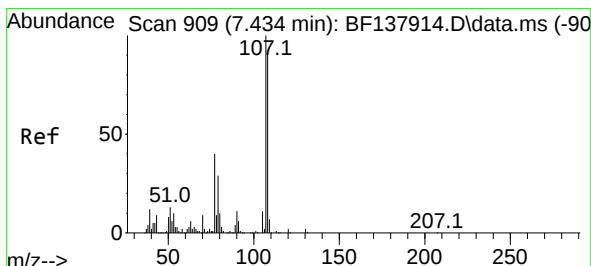
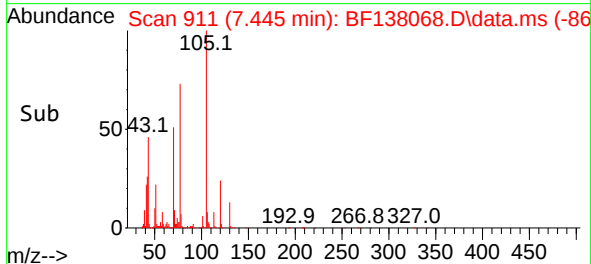
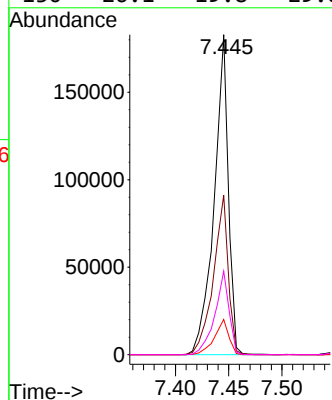
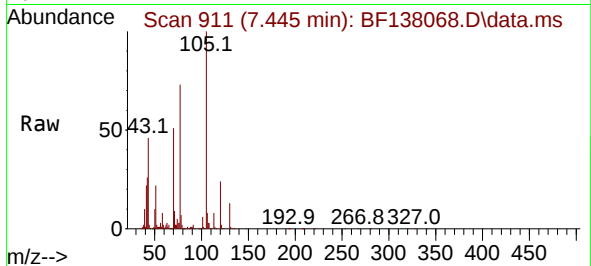




#19
n-Nitroso-di-n-propylamine
Concen: 42.662 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

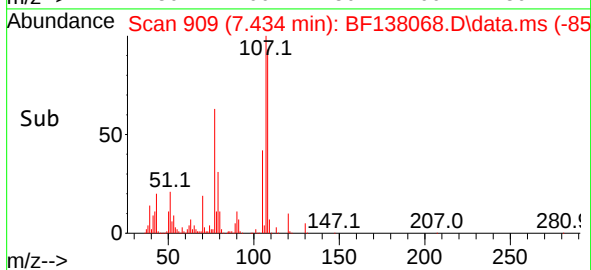
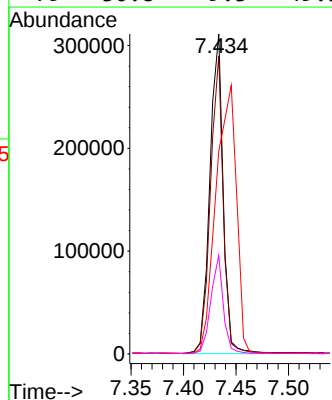
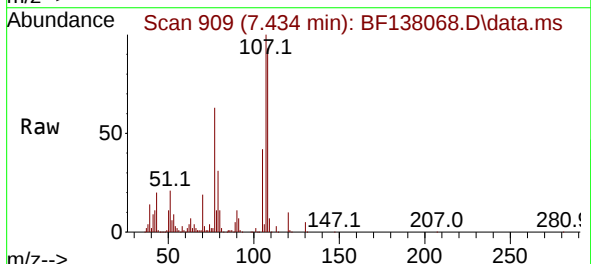
Instrument :
BNA_F
ClientSampleId :
PB161191BS

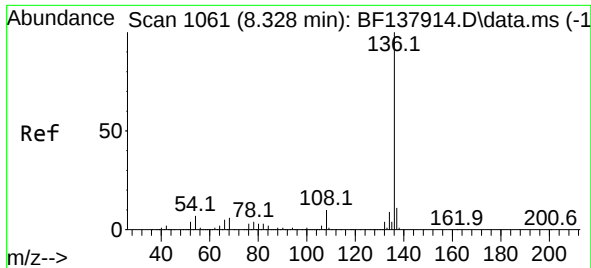
Tgt Ion: 70 Resp: 169918
Ion Ratio Lower Upper
70 100
42 49.8 42.2 63.4
101 11.0 8.8 13.2
130 26.1 19.8 29.8



#20
3+4-Methylphenols
Concen: 42.127 ng m
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion: 107 Resp: 274115
Ion Ratio Lower Upper
107 100
108 93.1 70.8 110.8
77 63.4 20.2 60.2#
79 30.8 9.3 49.3

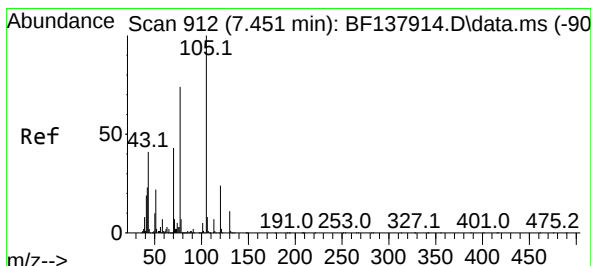
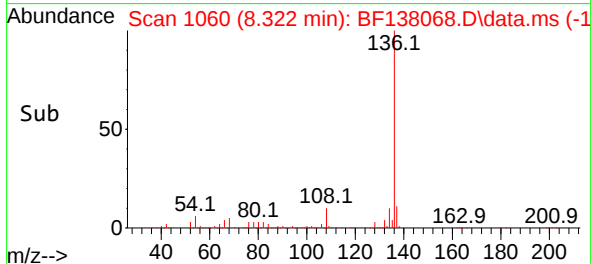
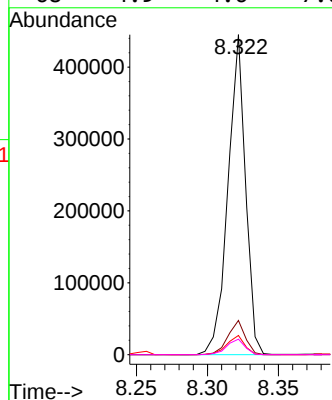
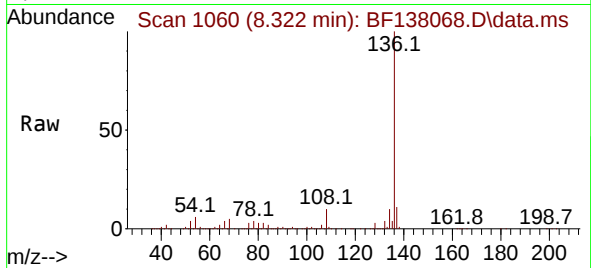




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

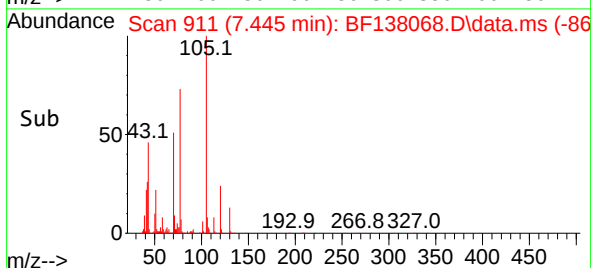
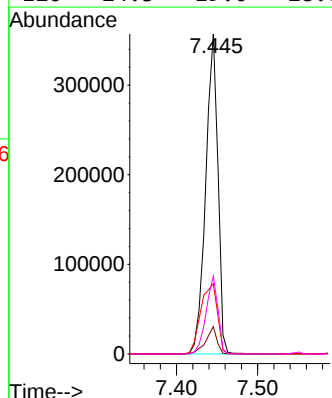
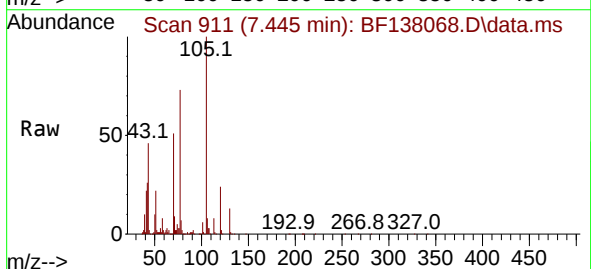
Instrument :
BNA_F
ClientSampleId :
PB161191BS

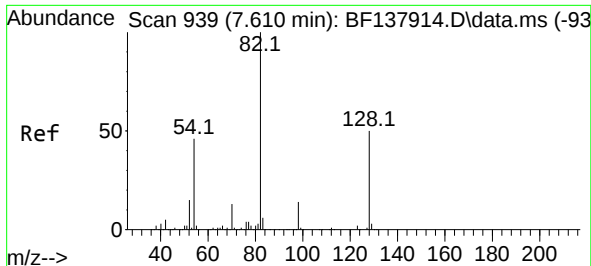
Tgt Ion:	136	Resp:	381684
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	6.0	5.4	8.2
68	4.9	4.6	7.0



#22
Acetophenone
Concen: 43.538 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:	105	Resp:	372266
Ion Ratio	Lower	Upper	
105	100		
71	8.6	5.7	8.5#
51	21.9	17.8	26.8
120	24.3	19.0	28.6





#23

Nitrobenzene-d5

Concen: 79.047 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

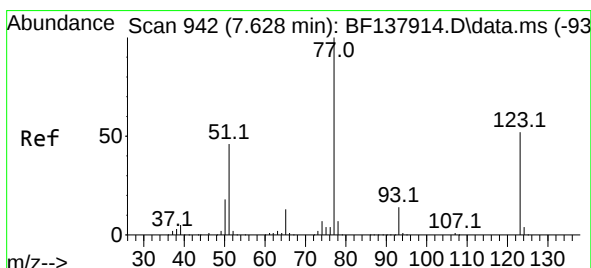
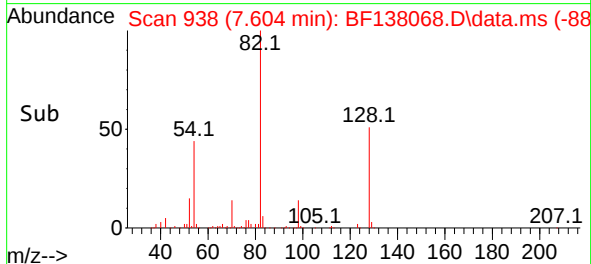
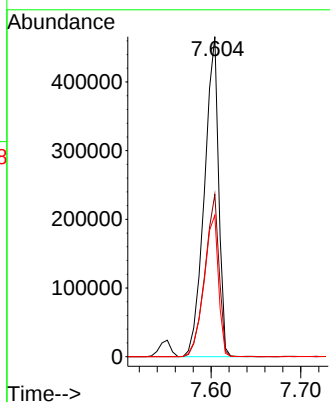
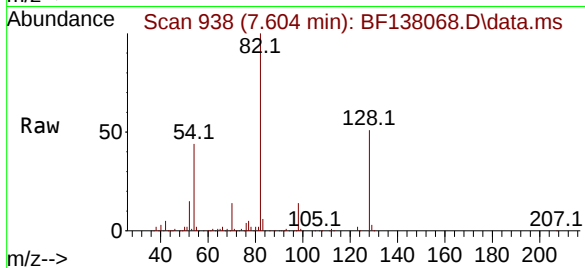
Tgt Ion: 82 Resp: 512669

Ion Ratio Lower Upper

82 100

128 50.7 40.3 60.5

54 44.2 36.8 55.2



#24

Nitrobenzene

Concen: 39.218 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

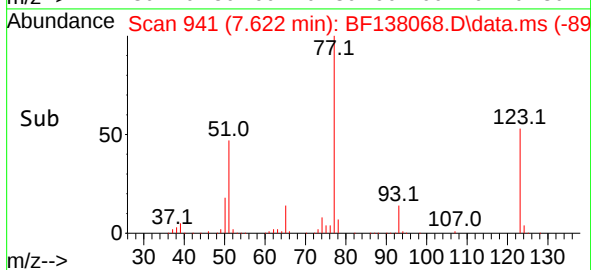
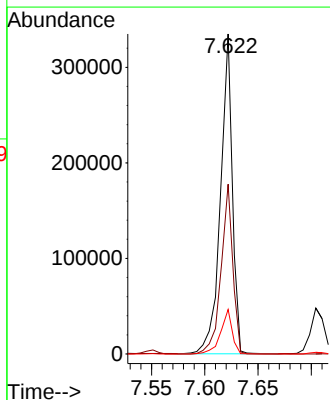
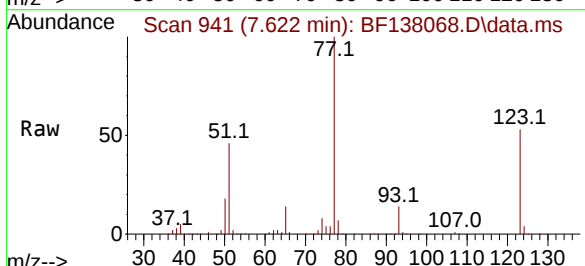
Tgt Ion: 77 Resp: 258034

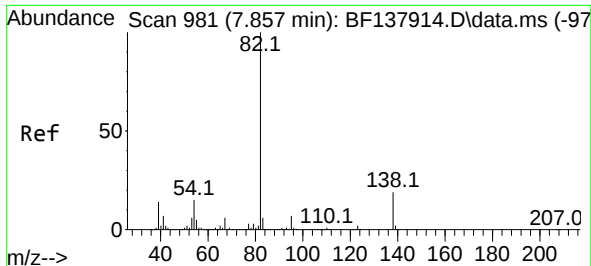
Ion Ratio Lower Upper

77 100

123 53.0 41.4 62.2

65 13.9 10.5 15.7

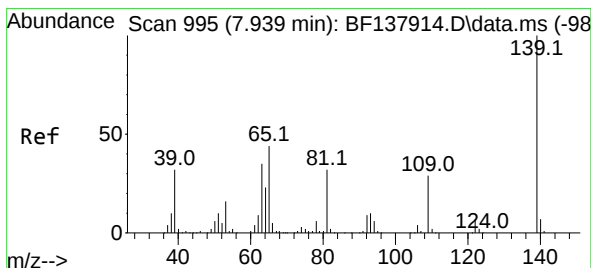
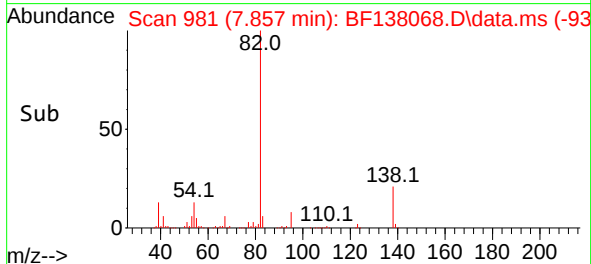
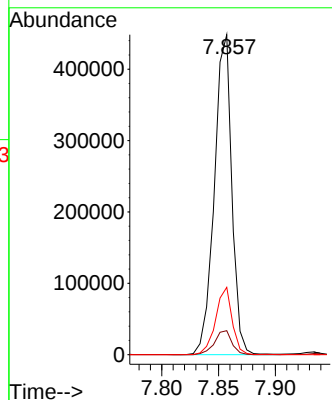
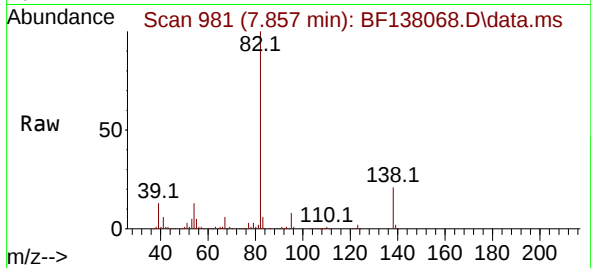




#25
Isophorone
Concen: 42.622 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

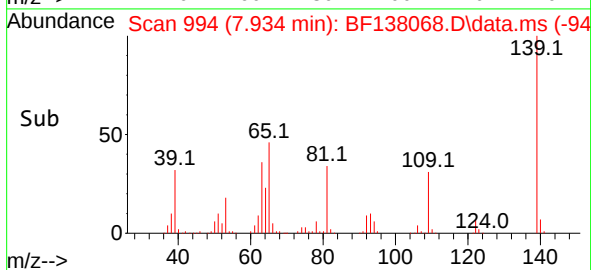
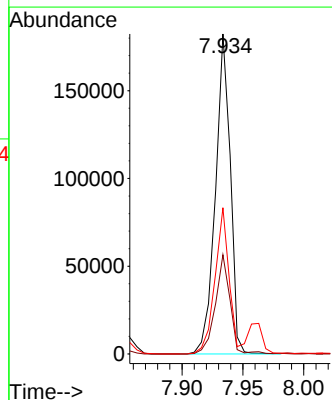
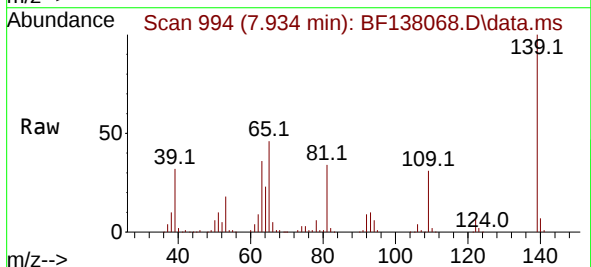
Instrument :
BNA_F
ClientSampleId :
PB161191BS

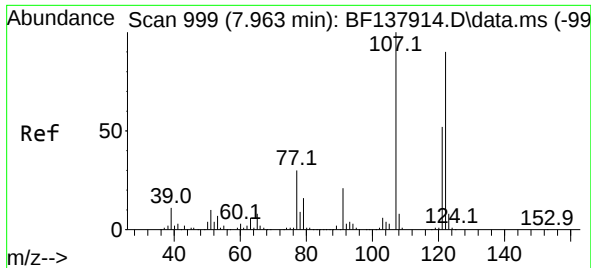
Tgt Ion: 82 Resp: 479764
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 21.1 15.0 22.4



#26
2-Nitrophenol
Concen: 46.789 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:139 Resp: 154685
Ion Ratio Lower Upper
139 100
109 31.0 22.8 34.2
65 45.7 35.2 52.8

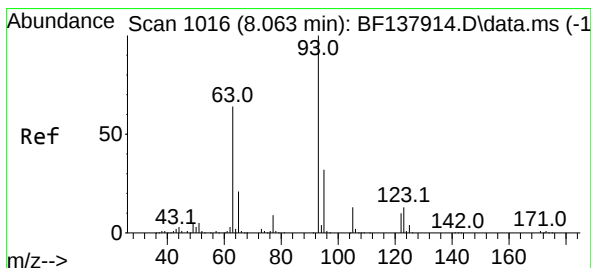
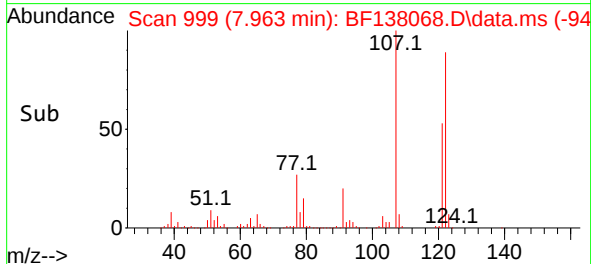
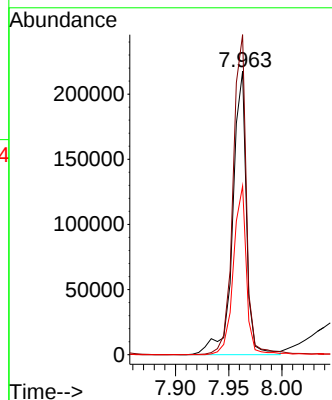
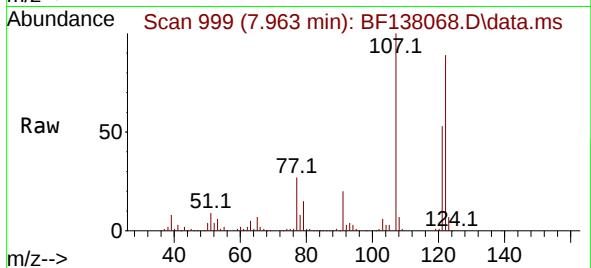




#27
2,4-Dimethylphenol
Concen: 46.091 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

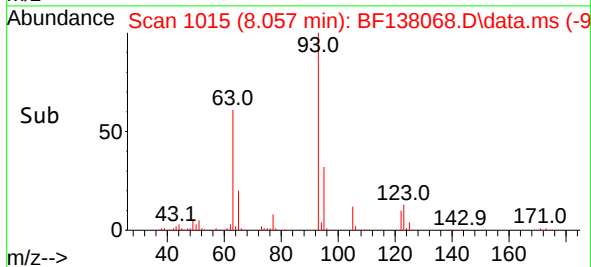
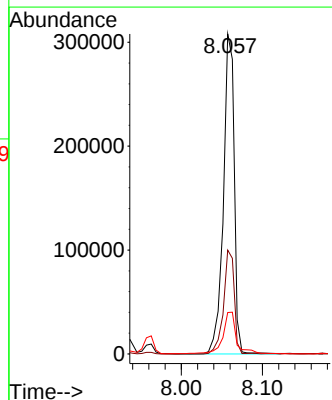
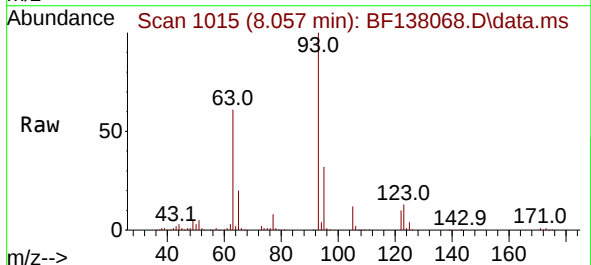
Instrument :
BNA_F
ClientSampleId :
PB161191BS

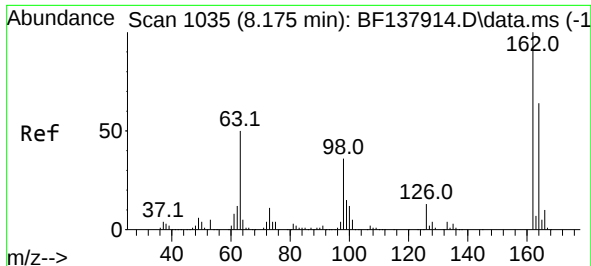
Tgt Ion:122 Resp: 196179
Ion Ratio Lower Upper
122 100
107 112.9 89.0 133.4
121 59.5 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.268 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion: 93 Resp: 288356
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 13.0 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 44.238 ng

RT: 8.175 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

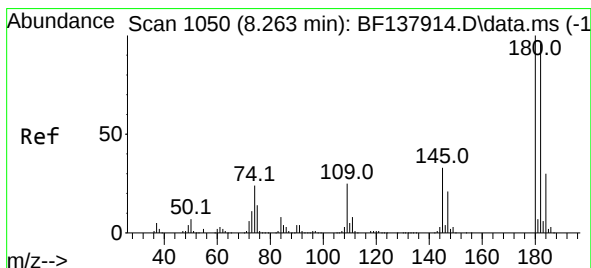
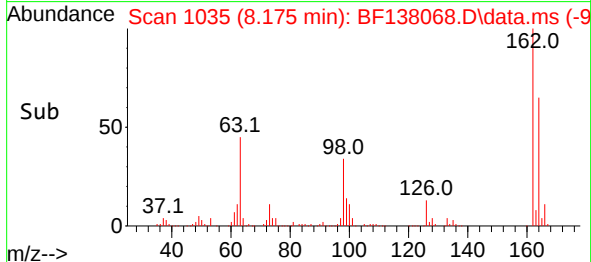
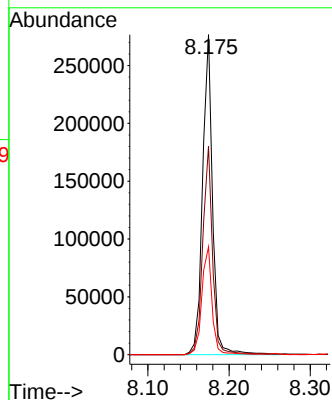
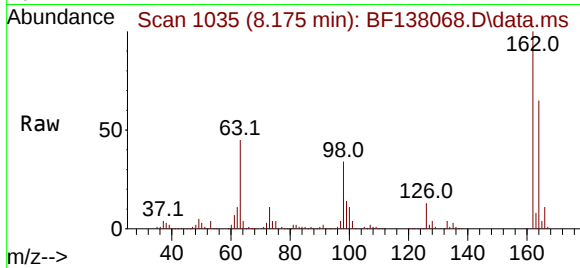
Tgt Ion:162 Resp: 236779

Ion Ratio Lower Upper

162 100

164 65.2 44.3 84.3

98 33.7 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 42.193 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

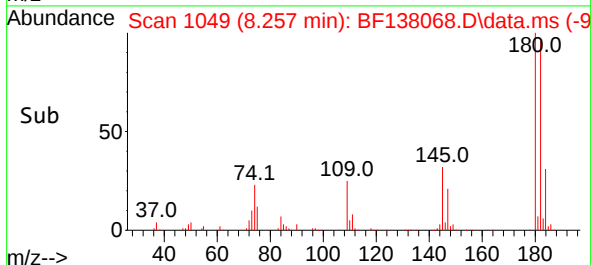
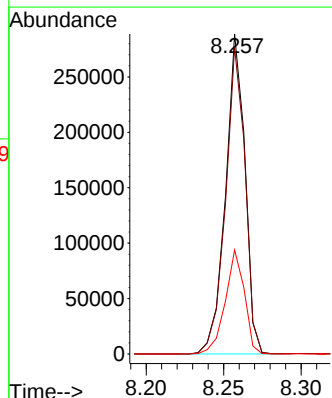
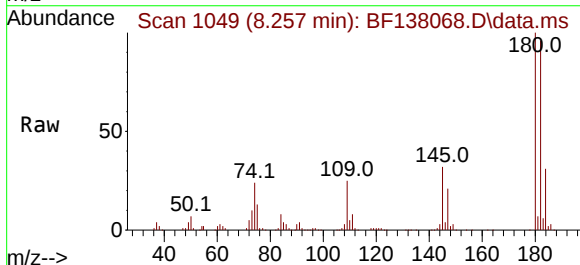
Tgt Ion:180 Resp: 252147

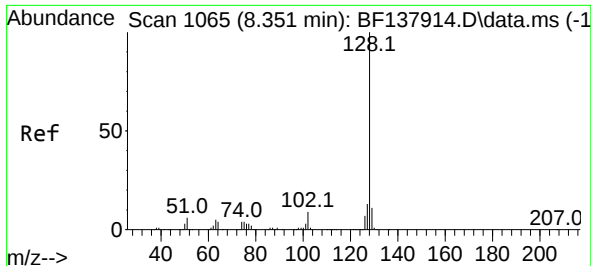
Ion Ratio Lower Upper

180 100

182 95.8 76.5 114.7

145 32.5 26.2 39.2

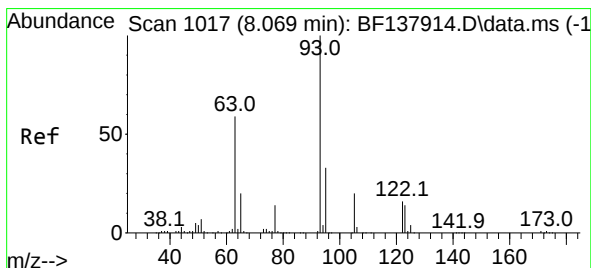
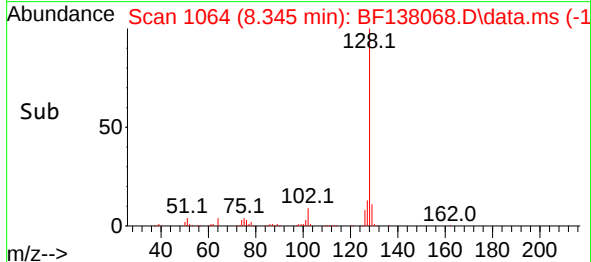
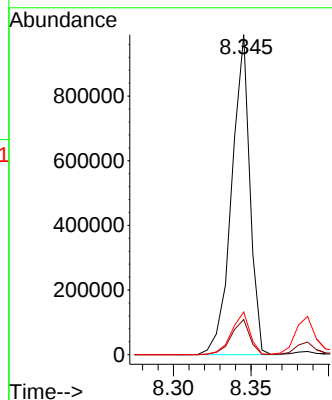
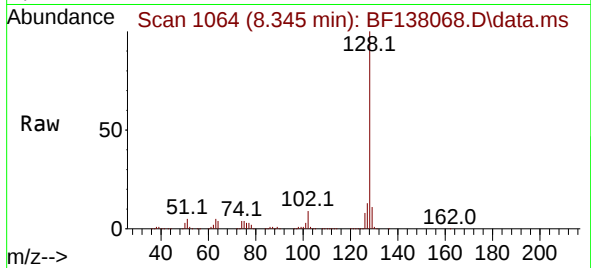




#31
Naphthalene
Concen: 42.061 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

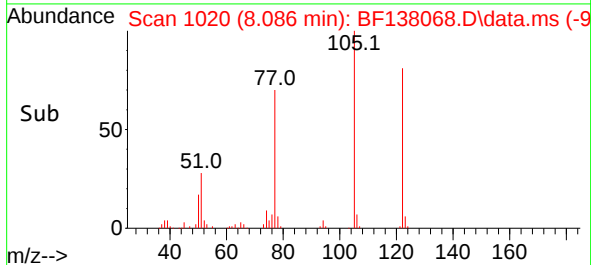
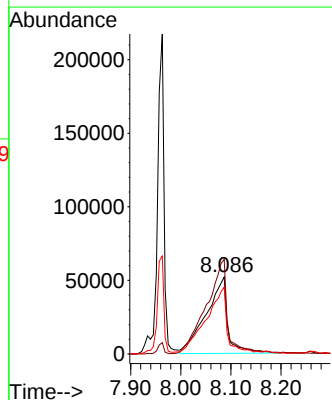
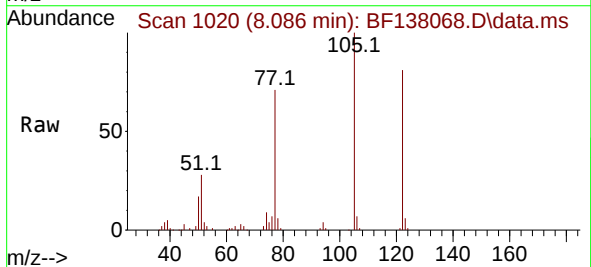
Instrument :
BNA_F
ClientSampleId :
PB161191BS

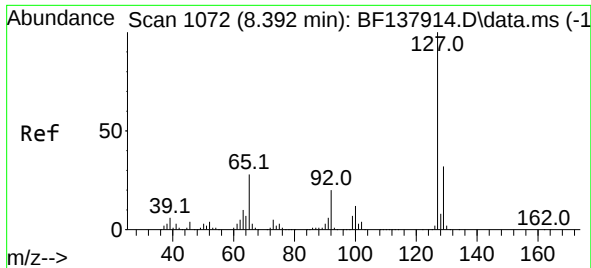
Tgt Ion:128 Resp: 807210
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 43.398 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.017 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:122 Resp: 156147
Ion Ratio Lower Upper
122 100
105 122.9 103.8 143.8
77 86.7 68.4 108.4

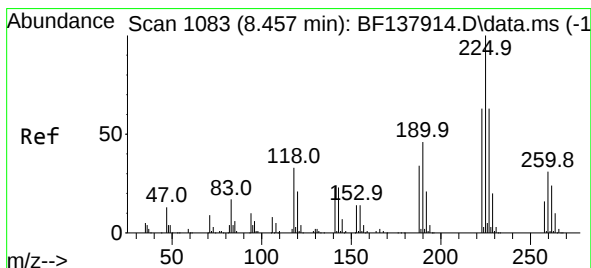
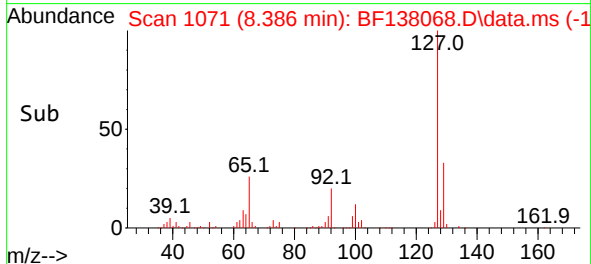
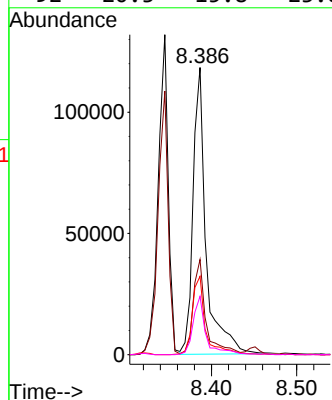
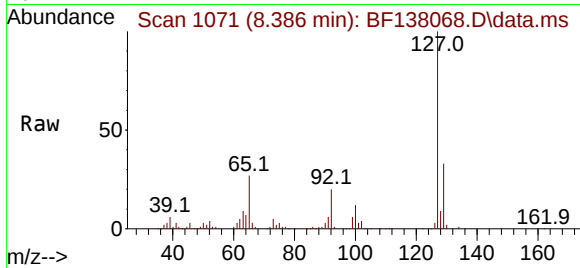




#33
4-Chloroaniline
Concen: 20.002 ng
RT: 8.386 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

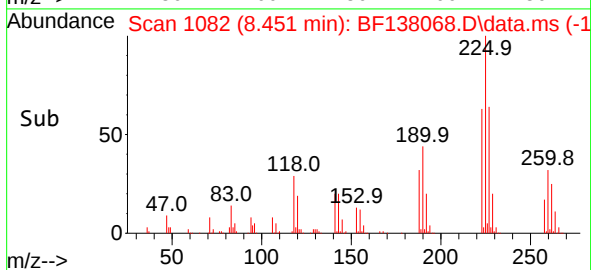
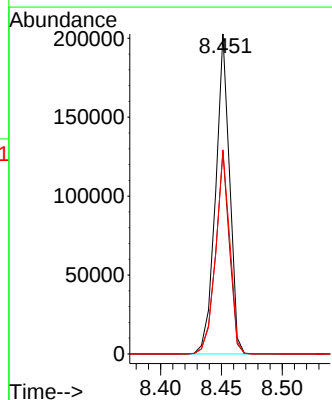
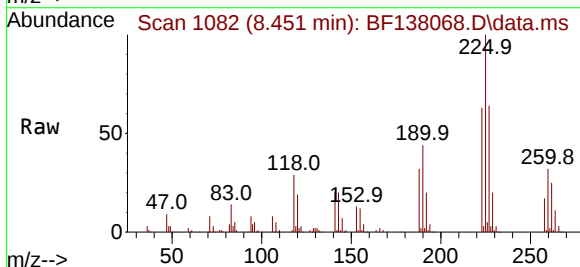
Instrument :
BNA_F
ClientSampleId :
PB161191BS

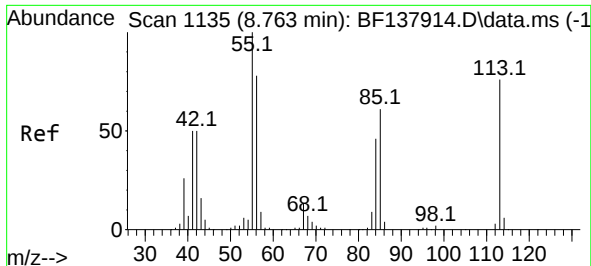
Tgt Ion:	127	Resp:	125837
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.4	38.2
65	27.3	22.0	33.0
92	20.3	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.824 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:	225	Resp:	161987
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.0	75.0
227	63.8	50.2	75.4

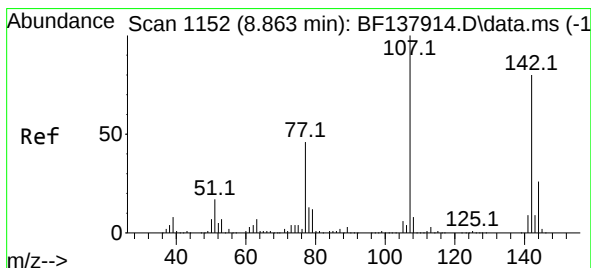
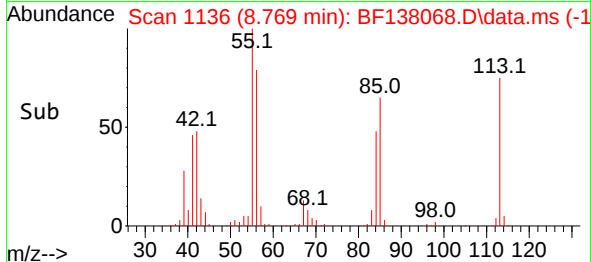
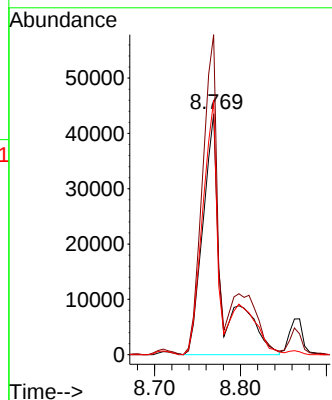
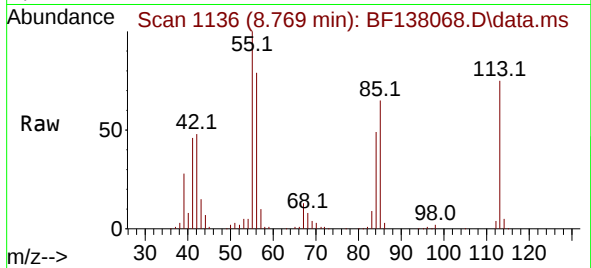




#35
 Caprolactam
 Concen: 45.354 ng m
 RT: 8.769 min Scan# 1135
 Delta R.T. 0.006 min
 Lab File: BF138068.D
 Acq: 30 May 2024 11:31

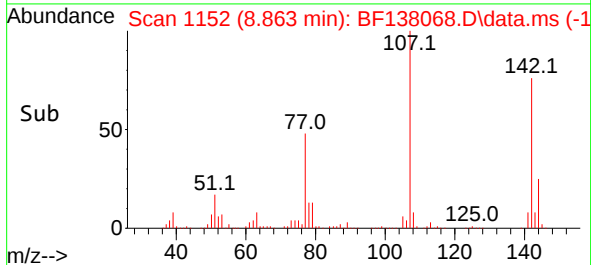
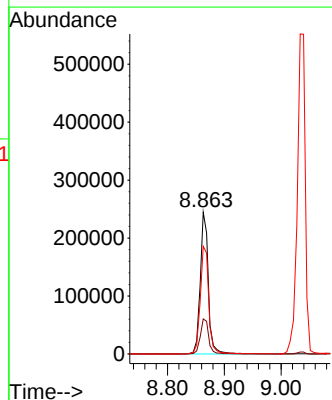
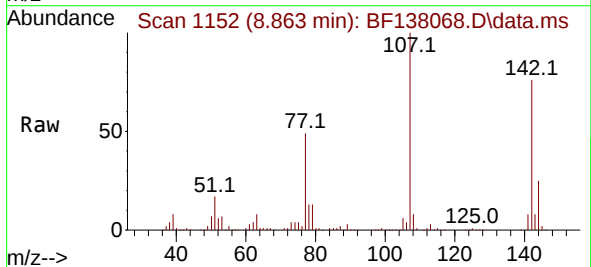
Instrument :
 BNA_F
 ClientSampleId :
 PB161191BS

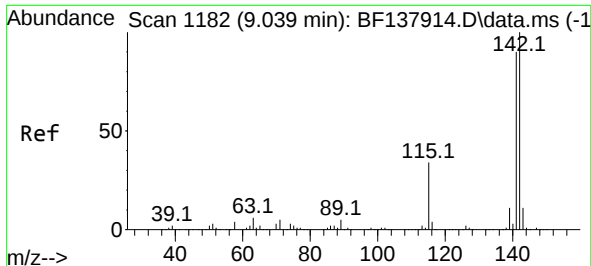
Tgt Ion:113 Resp: 70329
 Ion Ratio Lower Upper
 113 100
 55 132.8 112.3 152.3
 56 105.5 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.572 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF138068.D
 Acq: 30 May 2024 11:31

Tgt Ion:107 Resp: 242684
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.7 31.1
 142 76.0 64.0 96.0

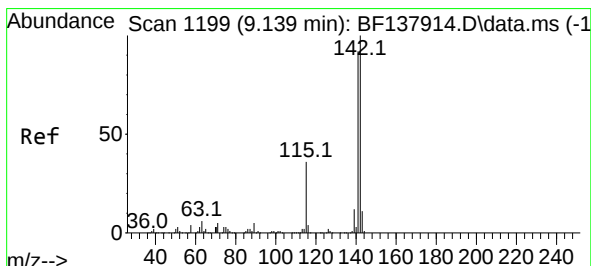
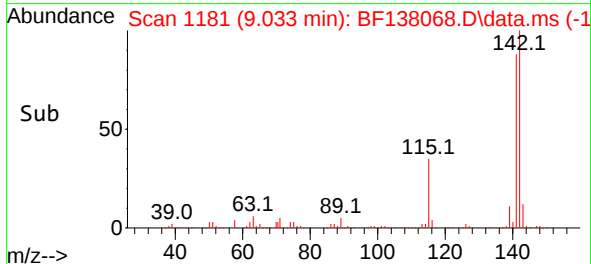
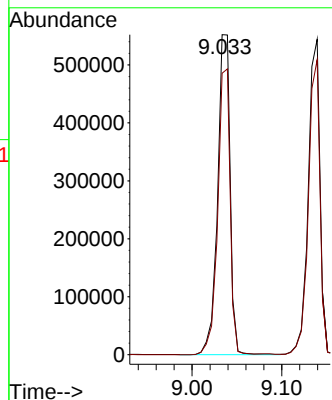
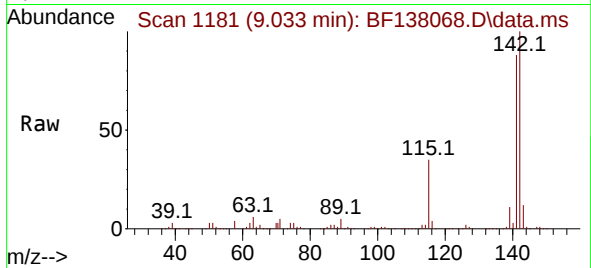




#37
2-Methylnaphthalene
Concen: 43.574 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

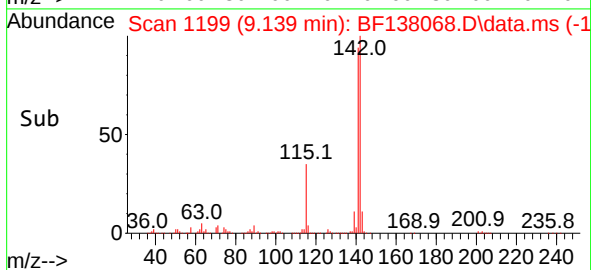
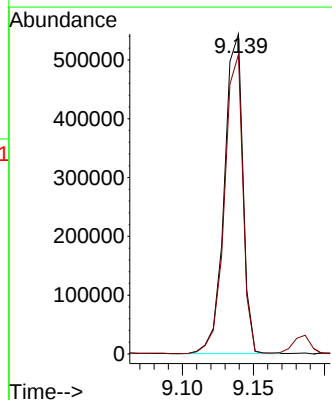
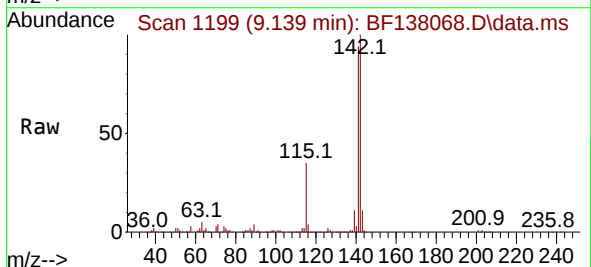
Instrument :
BNA_F
ClientSampleId :
PB161191BS

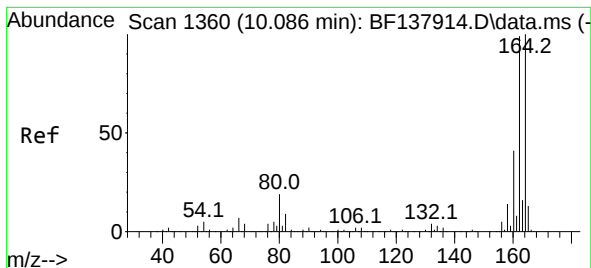
Tgt Ion:142 Resp: 537524
Ion Ratio Lower Upper
142 100
141 88.0 72.0 108.0



#38
1-Methylnaphthalene
Concen: 40.740 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:142 Resp: 494081
Ion Ratio Lower Upper
142 100
141 93.6 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

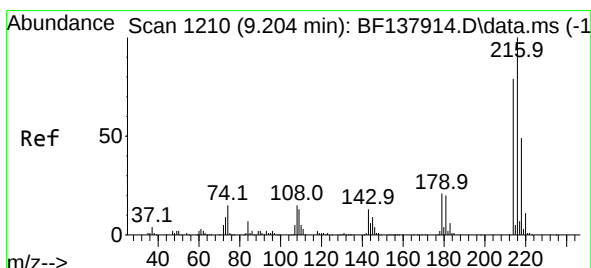
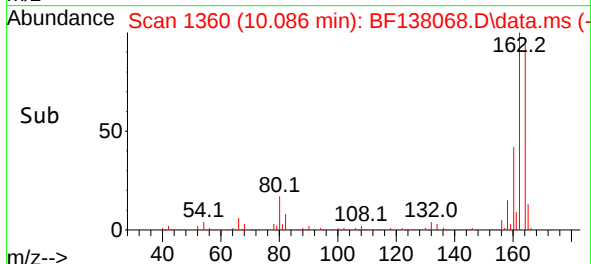
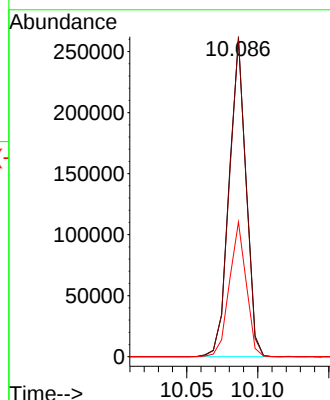
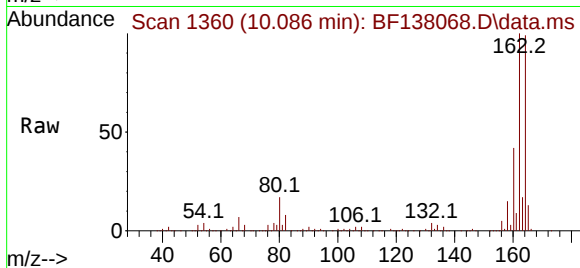
Tgt Ion:164 Resp: 216137

Ion Ratio Lower Upper

164 100

162 100.8 79.4 119.2

160 42.5 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.984 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Tgt Ion:216 Resp: 264323

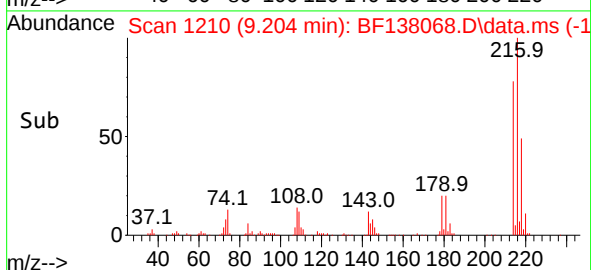
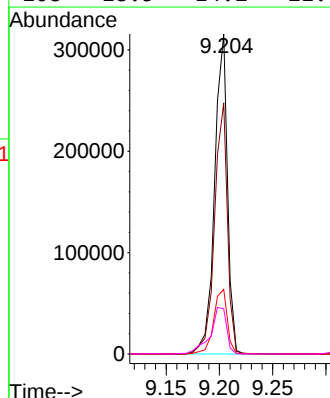
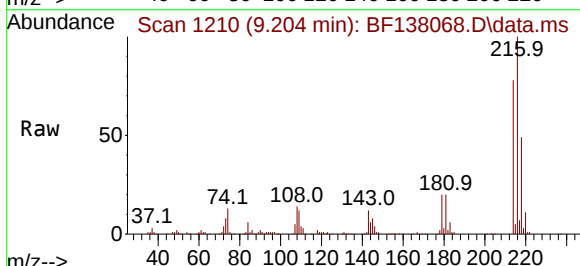
Ion Ratio Lower Upper

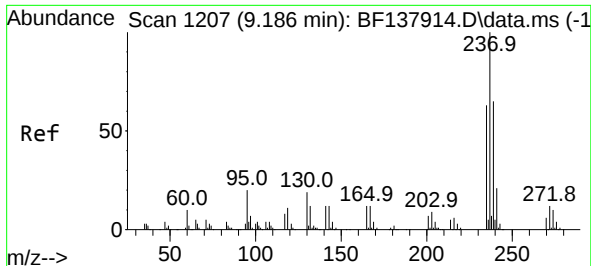
216 100

214 78.6 63.4 95.2

179 21.2 17.0 25.4

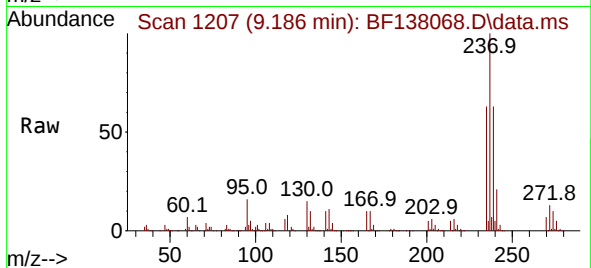
108 18.5 14.2 21.4



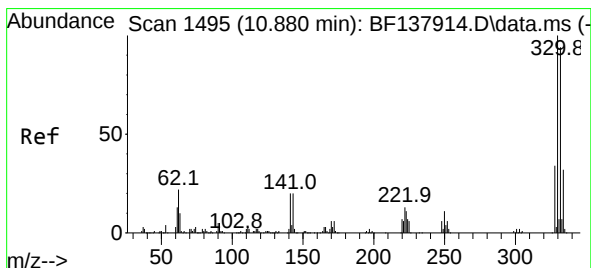
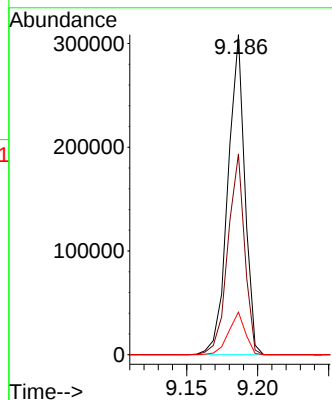
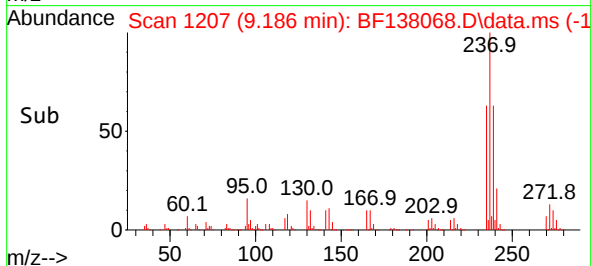


#41
Hexachlorocyclopentadiene
Concen: 113.686 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

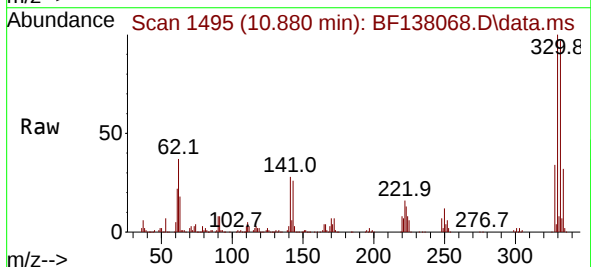
Instrument :
BNA_F
ClientSampleId :
PB161191BS



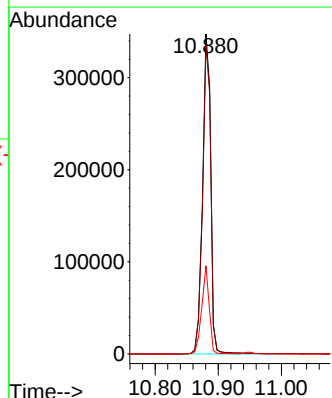
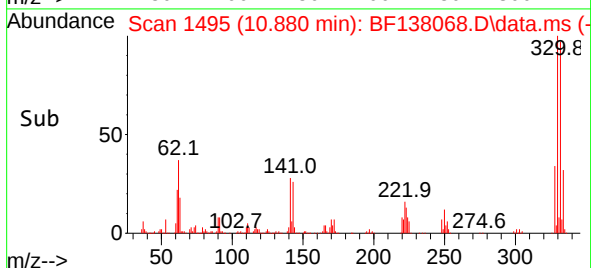
Tgt Ion:237 Resp: 253827
Ion Ratio Lower Upper
237 100
235 62.7 42.8 82.8
272 13.3 0.0 32.0

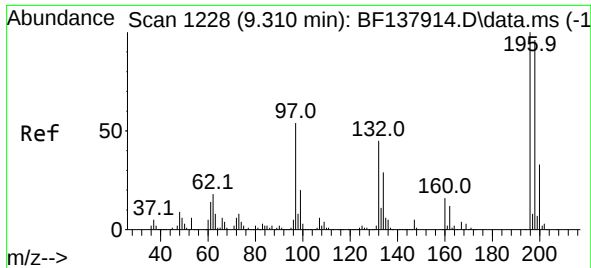


#42
2,4,6-Tribromophenol
Concen: 144.075 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31



Tgt Ion:330 Resp: 313984
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.8
141 25.3 23.8 35.6

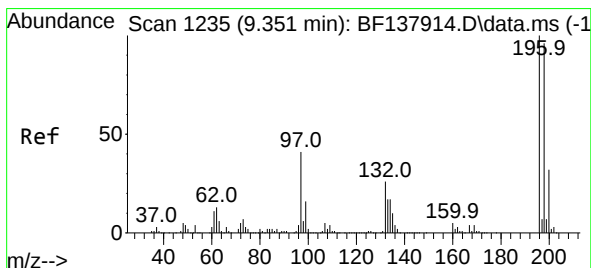
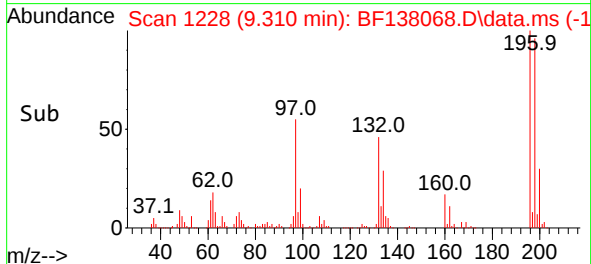
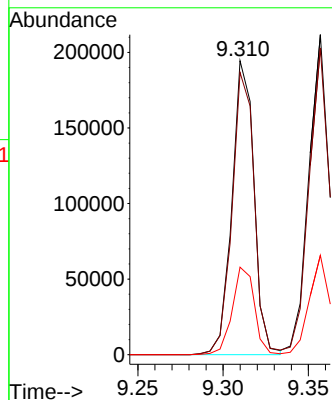
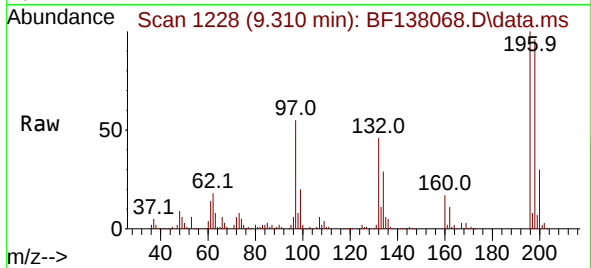




#43
2,4,6-Trichlorophenol
Concen: 45.430 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

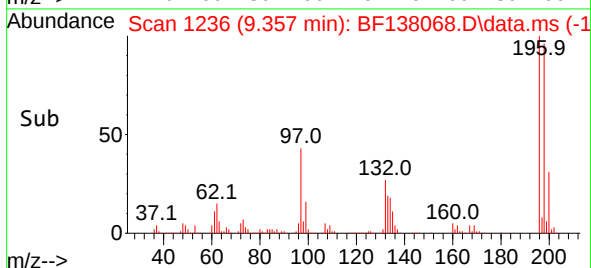
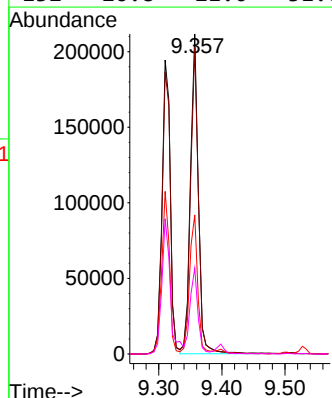
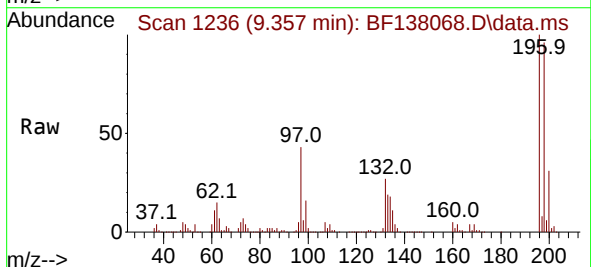
Instrument :
BNA_F
ClientSampleId :
PB161191BS

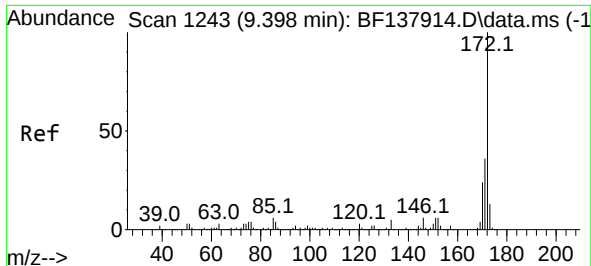
Tgt Ion:196 Resp: 175029
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.4
200 29.8 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 44.262 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:196 Resp: 186589
Ion Ratio Lower Upper
196 100
198 95.9 77.4 116.0
97 43.5 32.9 49.3
132 26.8 21.0 31.6

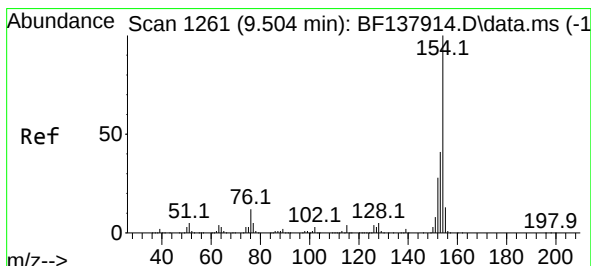
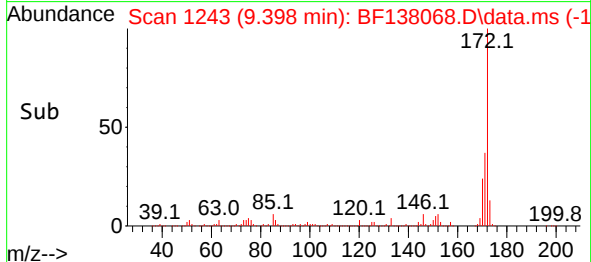
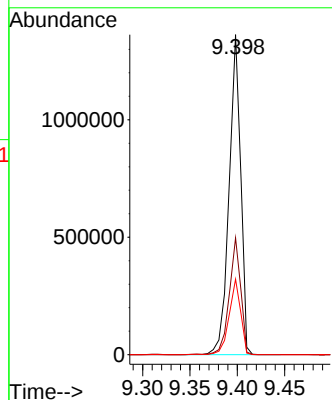
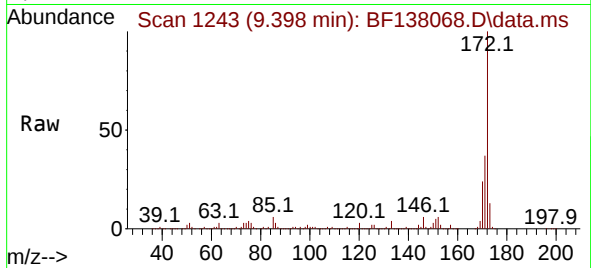




#45
2-Fluorobiphenyl
Concen: 82.602 ng
RT: 9.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

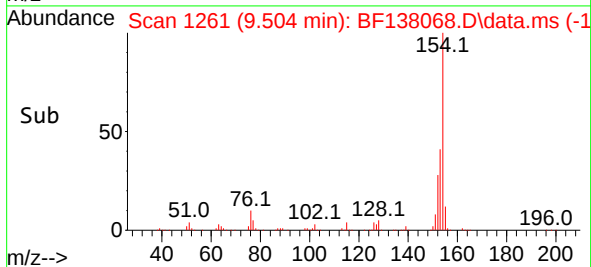
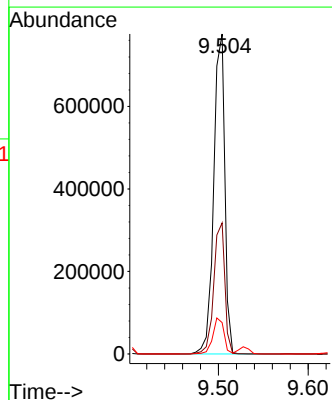
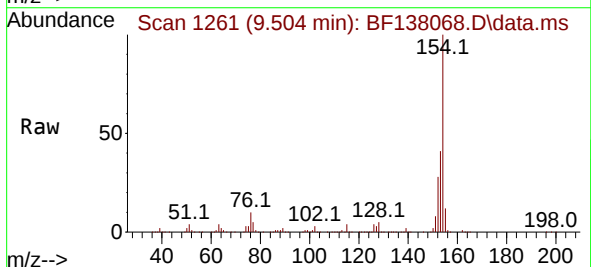
Instrument :
BNA_F
ClientSampleId :
PB161191BS

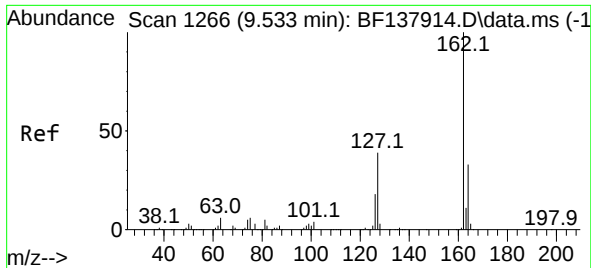
Tgt Ion:172 Resp: 1159021
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 43.950 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:154 Resp: 666257
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 9.8 0.0 31.9

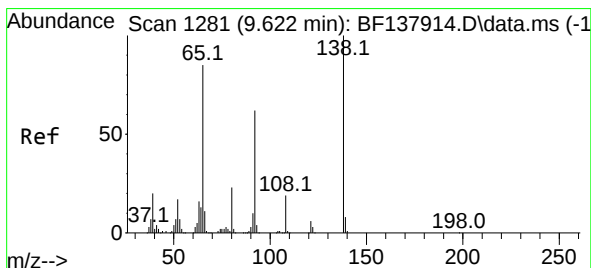
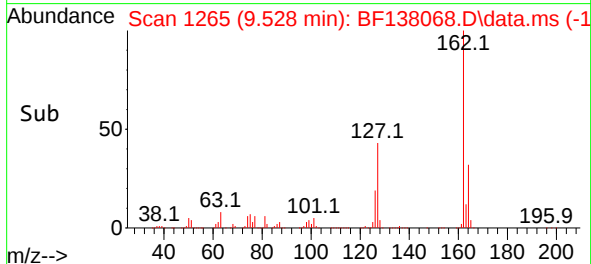
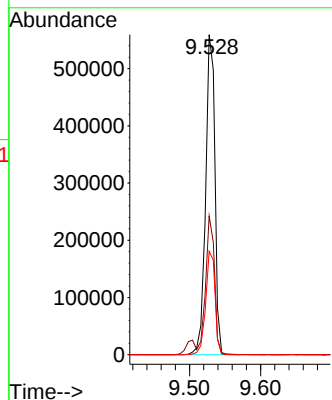
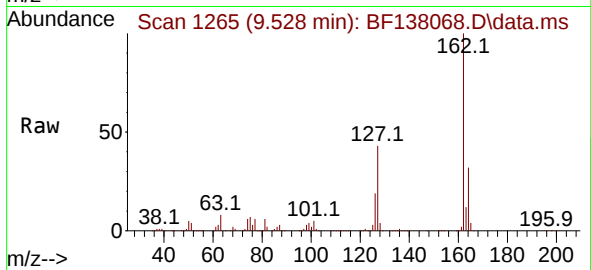




#47
2-Chloronaphthalene
Concen: 42.080 ng
RT: 9.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

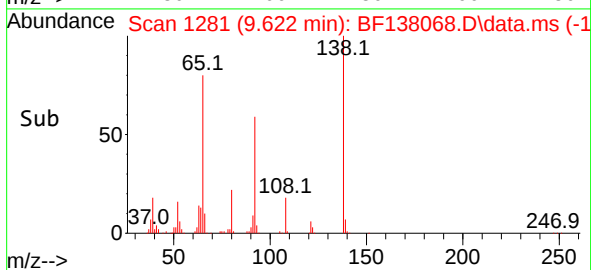
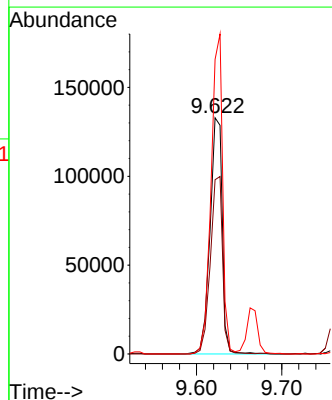
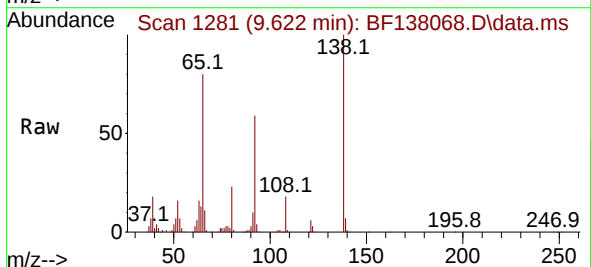
Instrument :
BNA_F
ClientSampleId :
PB161191BS

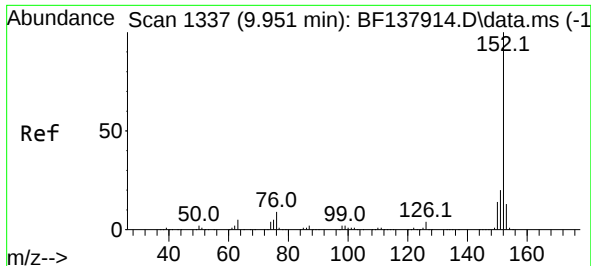
Tgt Ion:162 Resp: 509231
Ion Ratio Lower Upper
162 100
127 43.4 32.0 48.0
164 32.3 26.2 39.4



#48
2-Nitroaniline
Concen: 42.797 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion: 65 Resp: 132621
Ion Ratio Lower Upper
65 100
92 73.7 58.6 88.0
138 124.7 94.1 141.1

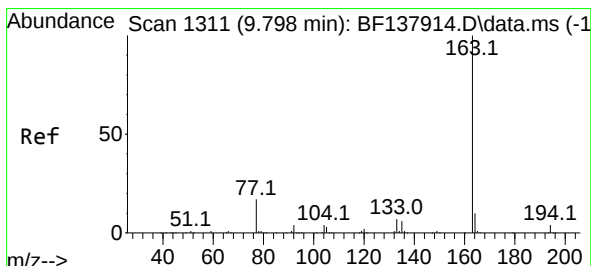
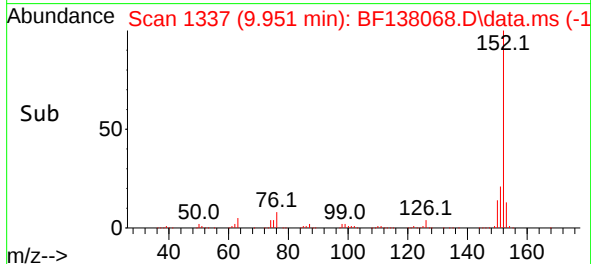
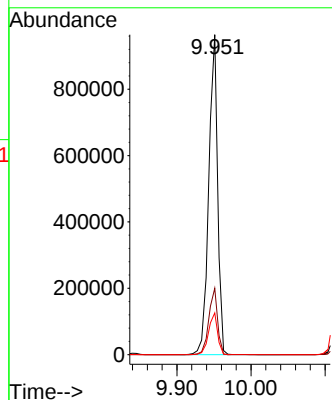
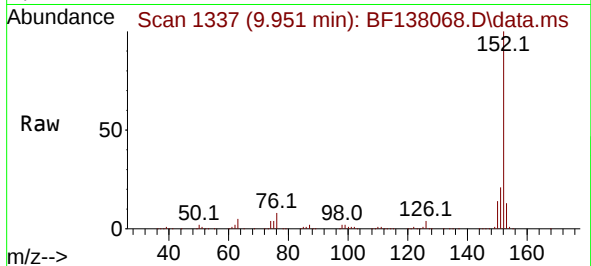




#49
Acenaphthylene
Concen: 46.144 ng
RT: 9.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

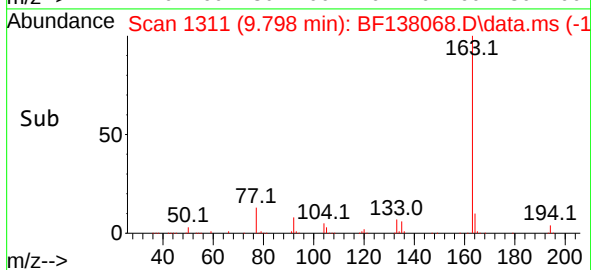
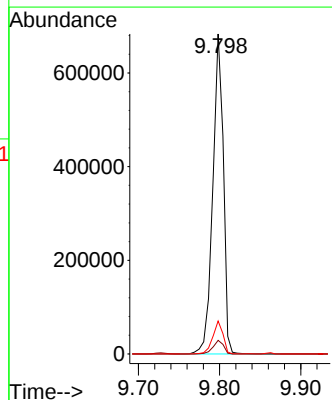
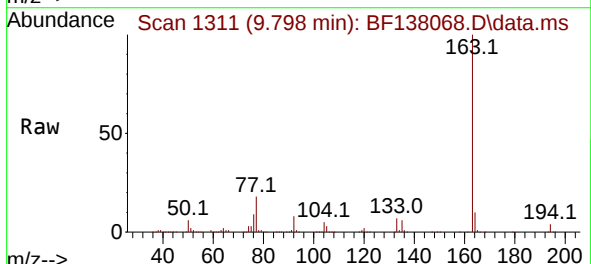
Instrument :
BNA_F
ClientSampleId :
PB161191BS

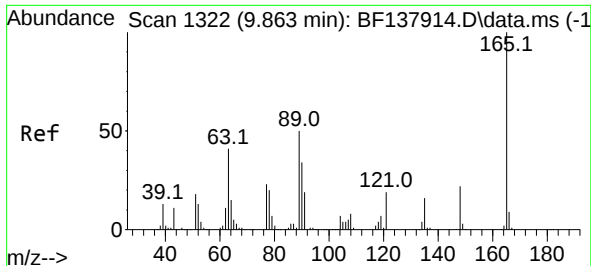
Tgt Ion:152 Resp: 802909
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.8
153 13.1 10.2 15.4



#50
Dimethylphthalate
Concen: 45.250 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:163 Resp: 613297
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.0 12.0

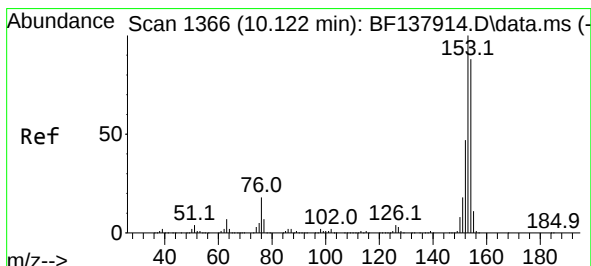
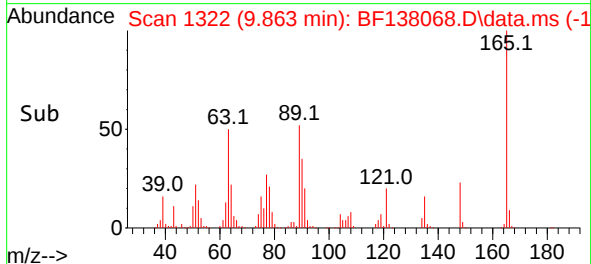
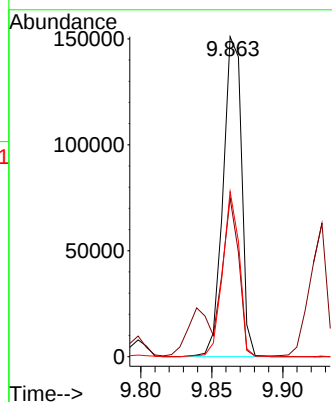
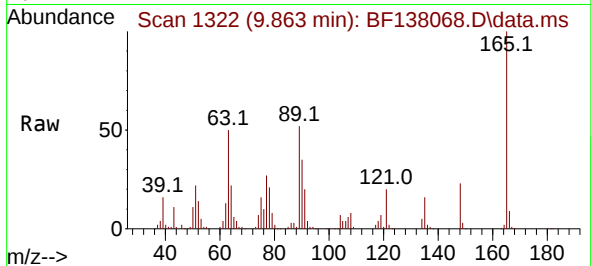




#51
2,6-Dinitrotoluene
Concen: 43.915 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

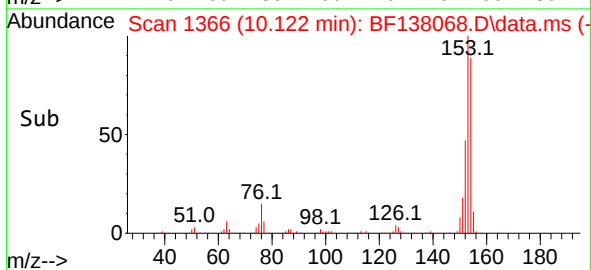
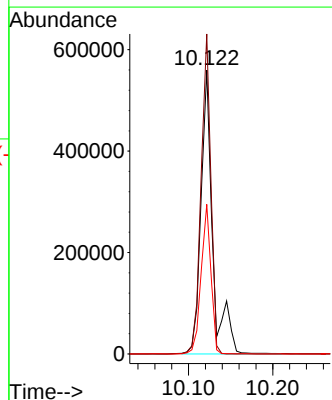
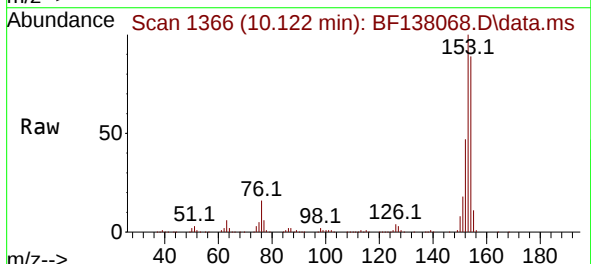
Instrument :
BNA_F
ClientSampleId :
PB161191BS

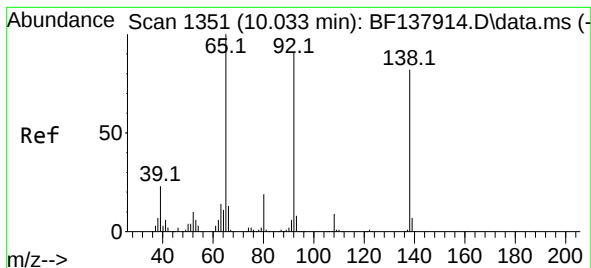
Tgt Ion:165 Resp: 136607
Ion Ratio Lower Upper
165 100
63 49.5 38.9 58.3
89 51.6 40.4 60.6



#52
Acenaphthene
Concen: 47.162 ng m
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:154 Resp: 542382
Ion Ratio Lower Upper
154 100
153 112.8 90.4 135.6
152 52.7 42.3 63.5

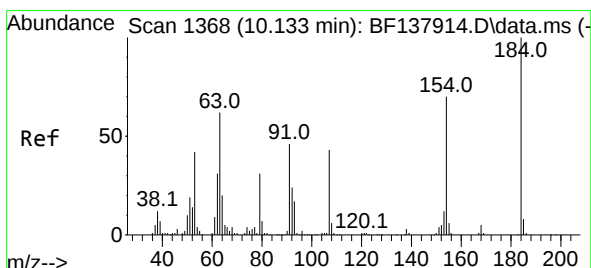
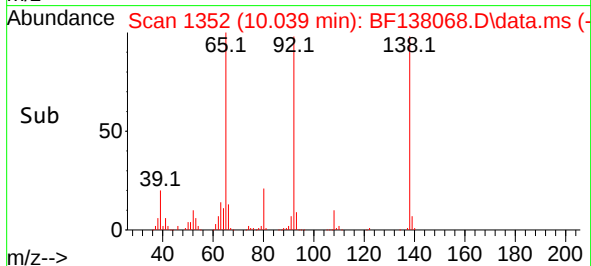
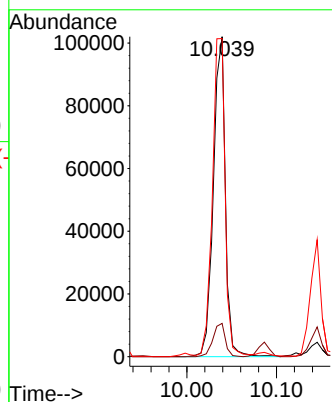
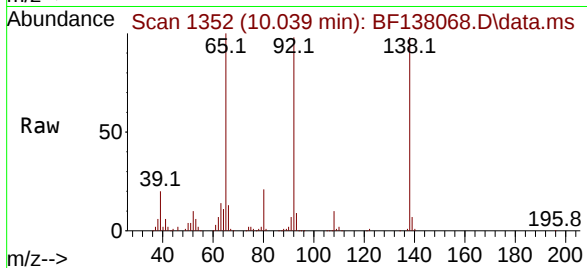




#53
3-Nitroaniline
Concen: 31.139 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

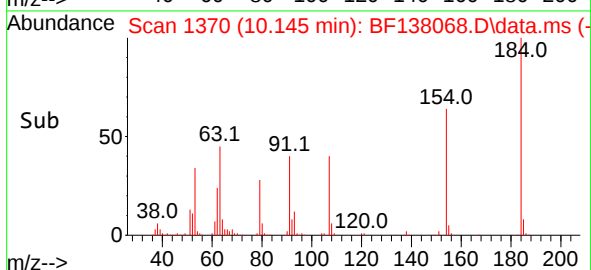
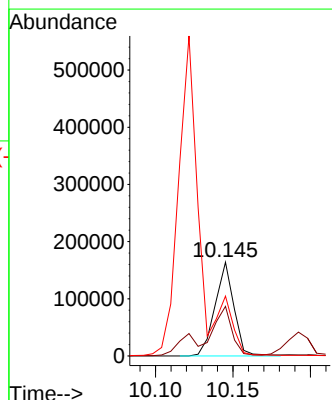
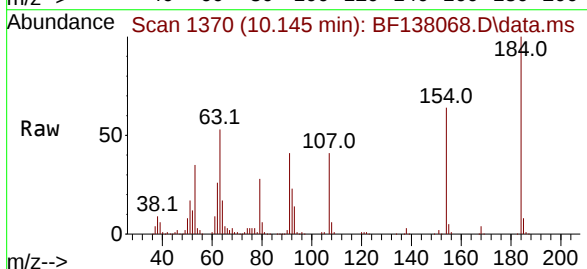
Instrument :
BNA_F
ClientSampleId :
PB161191BS

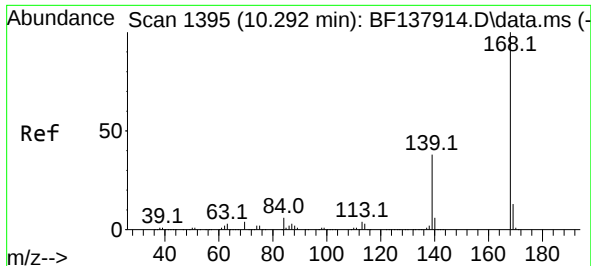
Tgt Ion:138 Resp: 94697
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 99.4 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 82.714 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.012 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:184 Resp: 139439
Ion Ratio Lower Upper
184 100
63 53.0 50.4 75.6
154 63.7 63.7 95.5

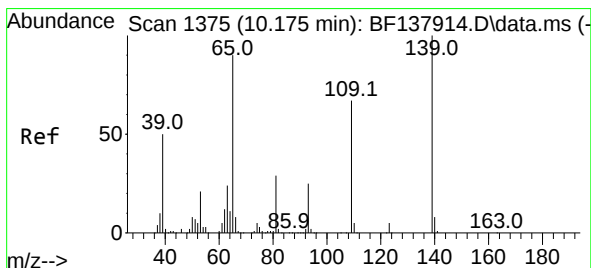
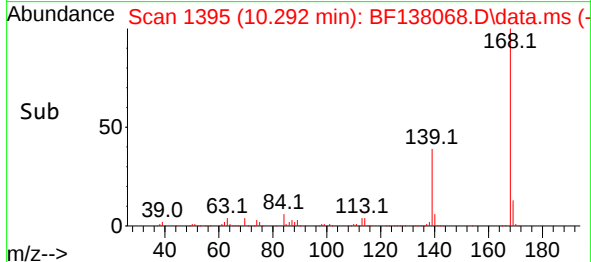
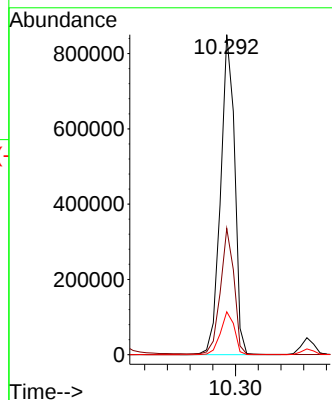
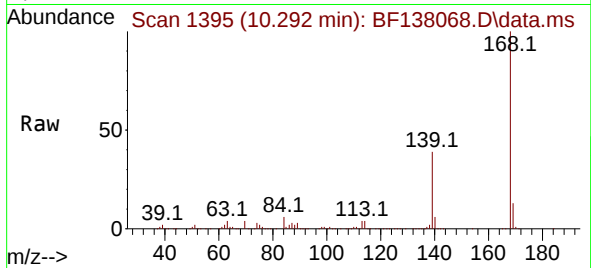




#55
Dibenzofuran
Concen: 43.696 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

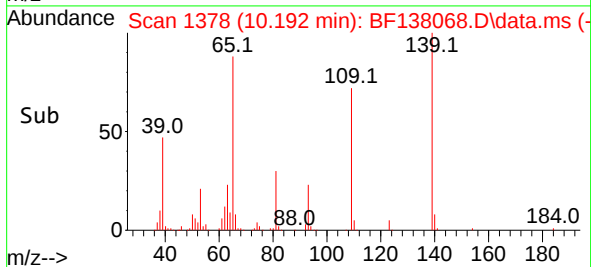
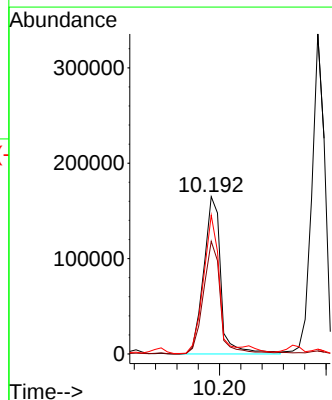
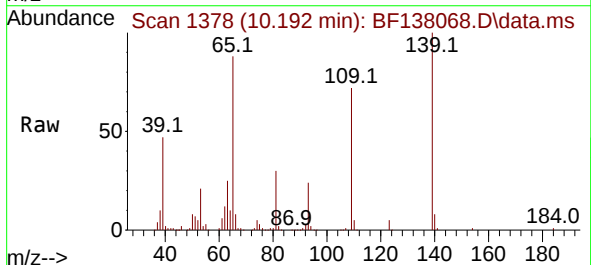
Instrument :
BNA_F
ClientSampleId :
PB161191BS

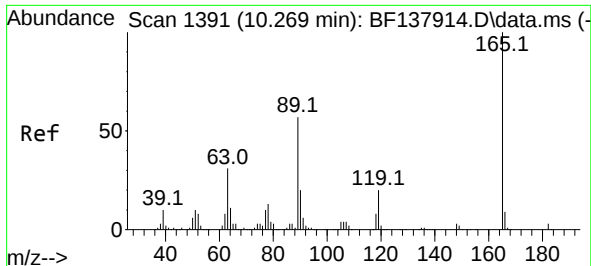
Tgt Ion:168 Resp: 731353
Ion Ratio Lower Upper
168 100
139 39.5 30.4 45.6
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 84.854 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.018 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:139 Resp: 185337
Ion Ratio Lower Upper
139 100
109 71.6 46.5 86.5
65 88.2 70.4 110.4

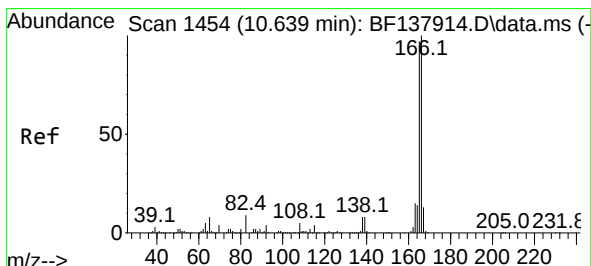
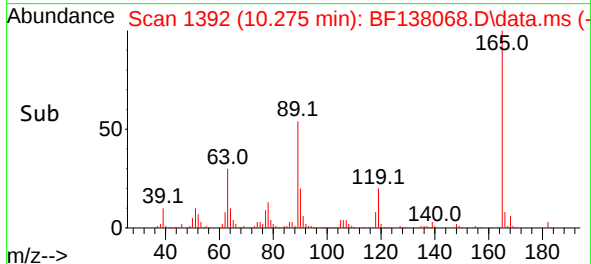
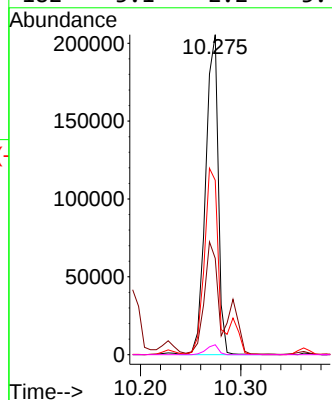
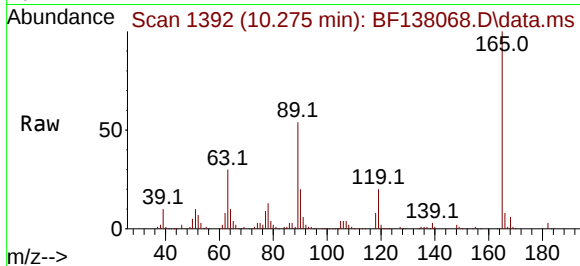




#57
2,4-Dinitrotoluene
Concen: 45.056 ng
RT: 10.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

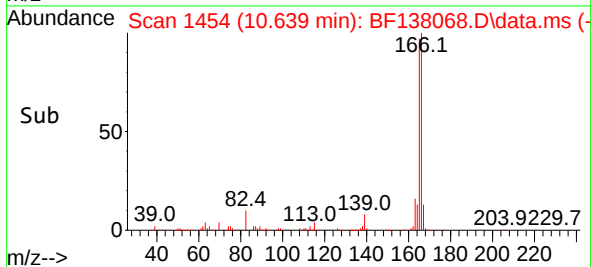
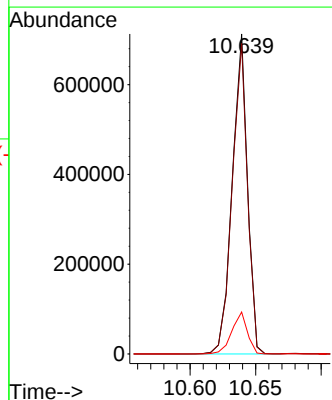
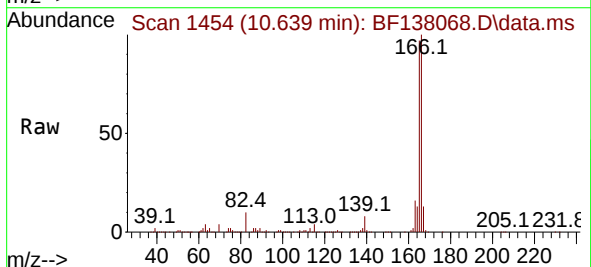
Instrument :
BNA_F
ClientSampleId :
PB161191BS

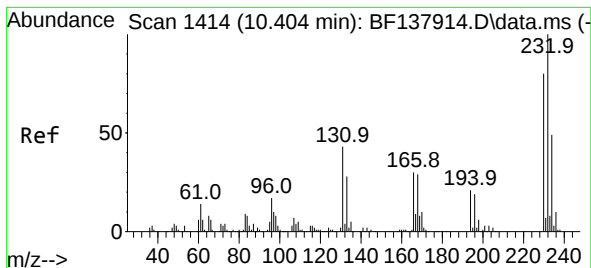
Tgt Ion:165 Resp: 181191
Ion Ratio Lower Upper
165 100
63 30.1 25.3 37.9
89 54.5 45.9 68.9
182 3.1 2.2 3.4



#58
Fluorene
Concen: 43.432 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:166 Resp: 574973
Ion Ratio Lower Upper
166 100
165 97.0 77.8 116.8
167 13.1 10.4 15.6

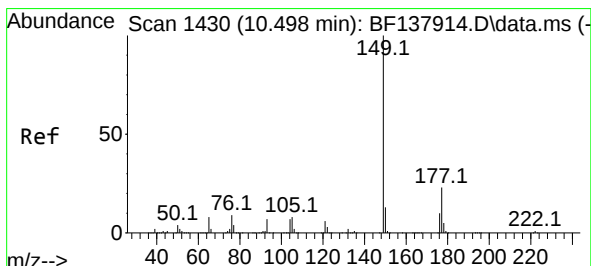
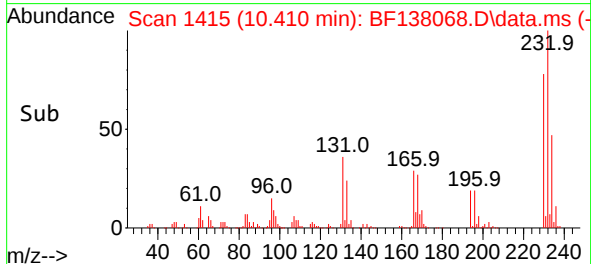
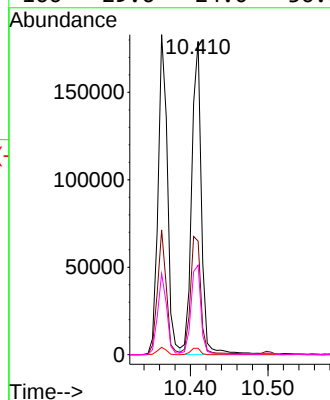
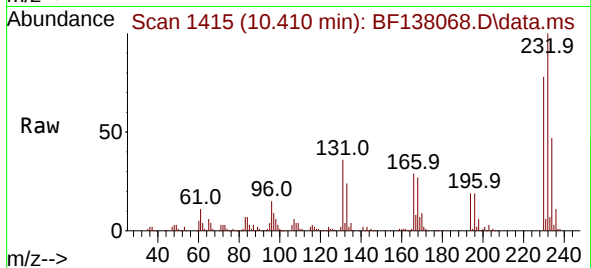




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.786 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

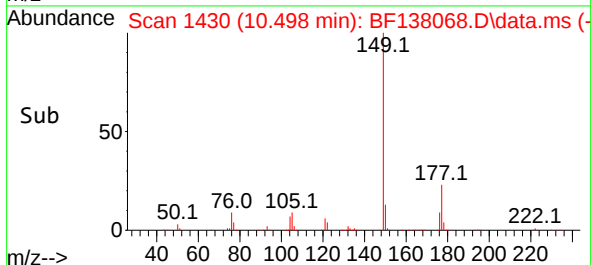
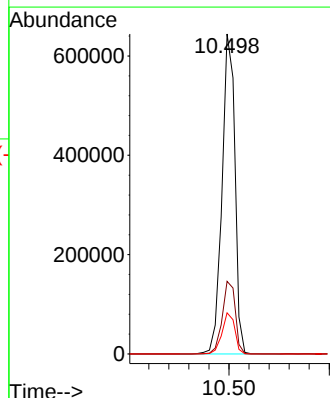
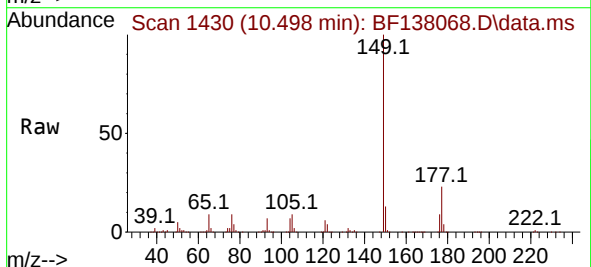
Instrument :
BNA_F
ClientSampleId :
PB161191BS

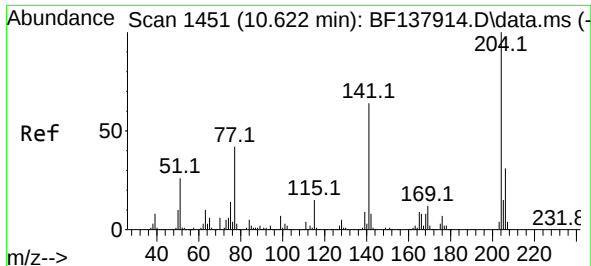
Tgt Ion:232 Resp: 154939
Ion Ratio Lower Upper
232 100
131 41.6 34.4 51.6
130 2.1 1.7 2.5
166 29.6 24.0 36.0



#60
Diethylphthalate
Concen: 45.361 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:149 Resp: 574190
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.8 10.1 15.1

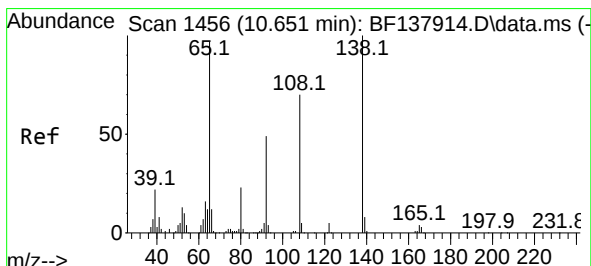
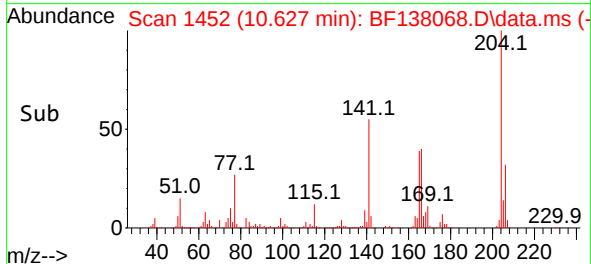
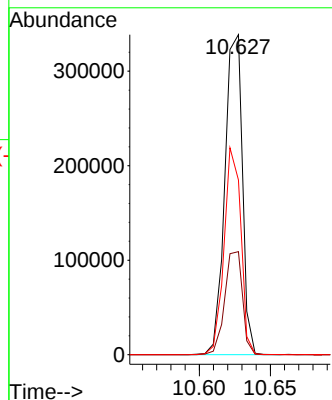
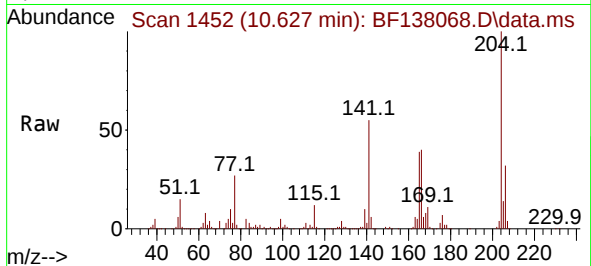




#61
4-Chlorophenyl-phenylether
Concen: 44.490 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

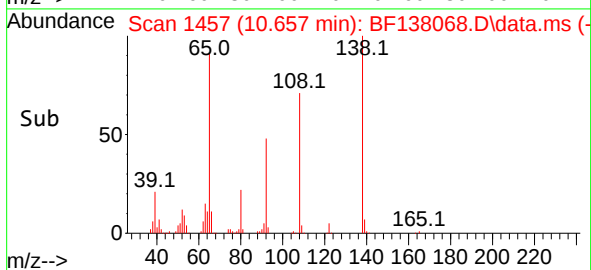
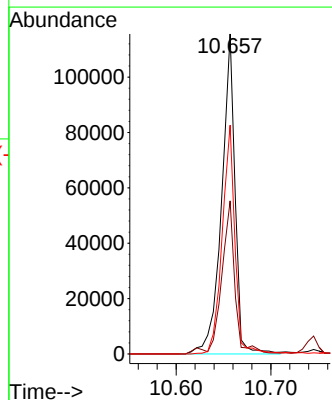
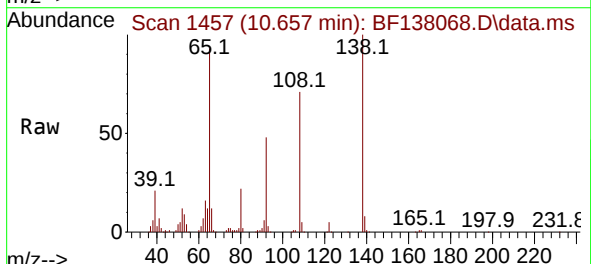
Instrument :
BNA_F
ClientSampleId :
PB161191BS

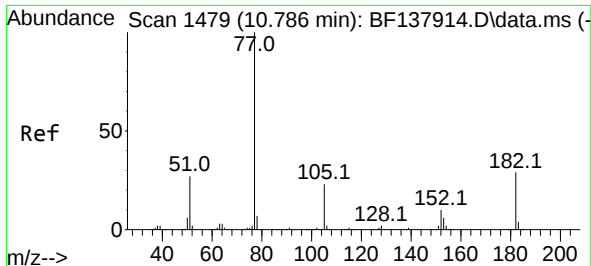
Tgt Ion:204 Resp: 290453
Ion Ratio Lower Upper
204 100
206 32.2 25.1 37.7
141 54.6 51.0 76.6



#62
4-Nitroaniline
Concen: 39.640 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:138 Resp: 114337
Ion Ratio Lower Upper
138 100
92 47.9 29.0 69.0
108 71.5 49.7 89.7

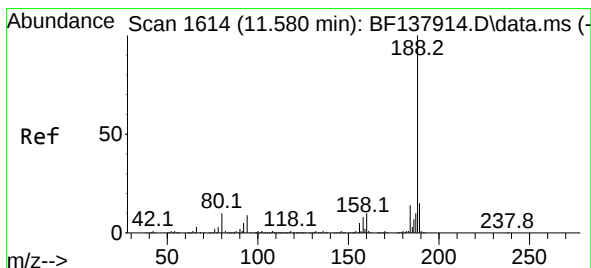
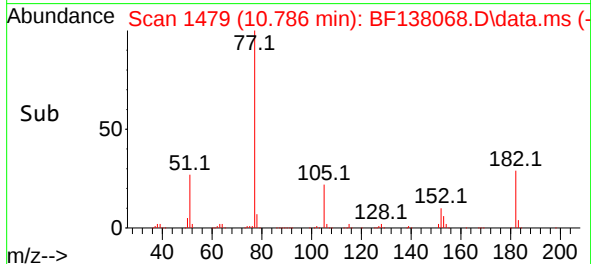
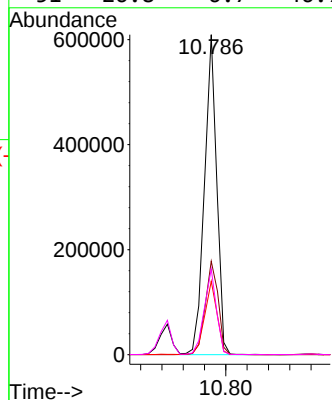
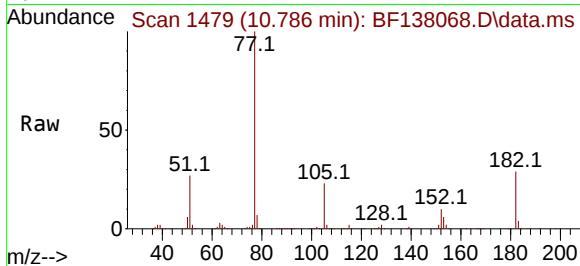




#63
Azobenzene
Concen: 42.493 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

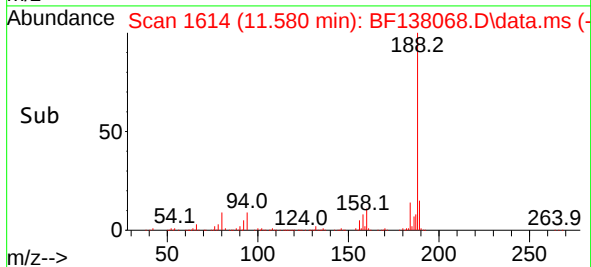
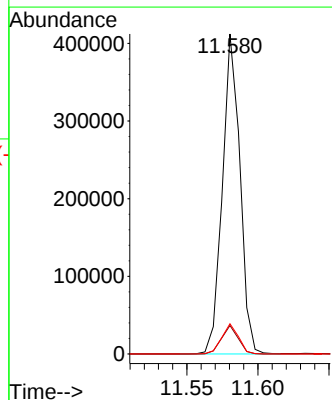
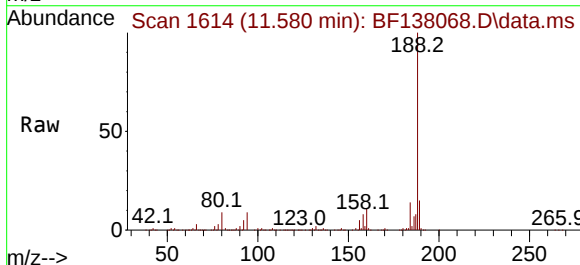
Instrument :
BNA_F
ClientSampleId :
PB161191BS

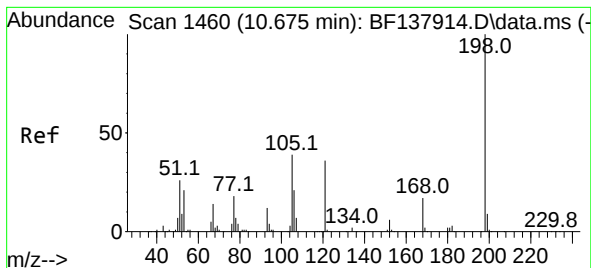
Tgt Ion: 77	Resp: 489249
Ion Ratio	Lower Upper
77 100	
182 29.2	9.2 49.2
105 22.9	3.1 43.1
51 26.8	6.7 46.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:188	Resp: 352961
Ion Ratio	Lower Upper
188 100	
94 8.9	7.0 10.4
80 9.5	7.7 11.5

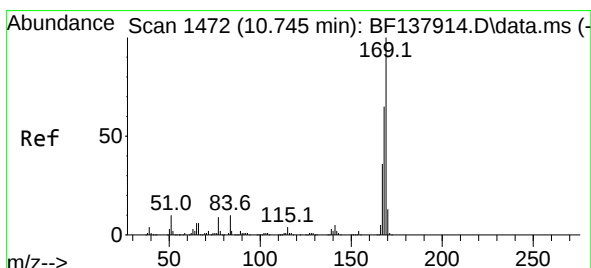
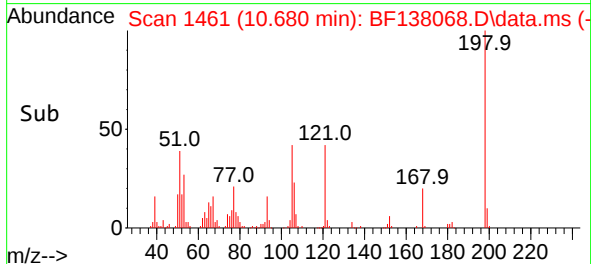
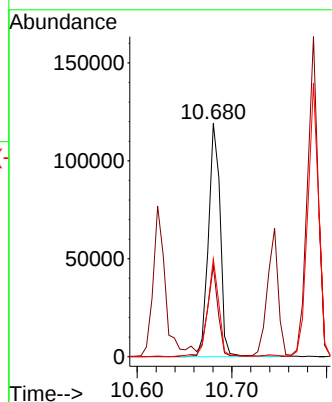
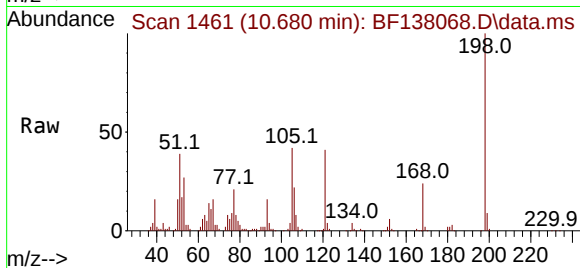




#65
4,6-Dinitro-2-methylphenol
Concen: 50.140 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.005 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

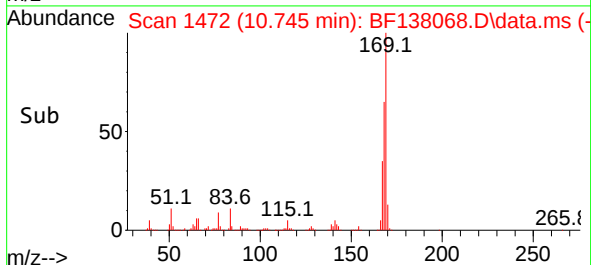
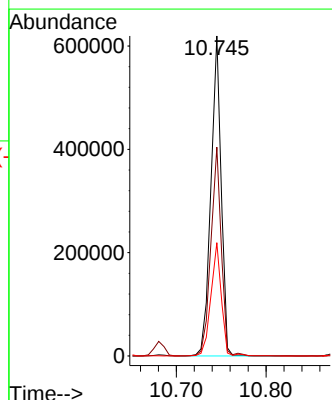
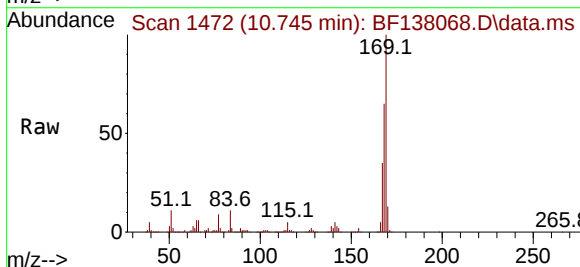
Instrument :
BNA_F
ClientSampleId :
PB161191BS

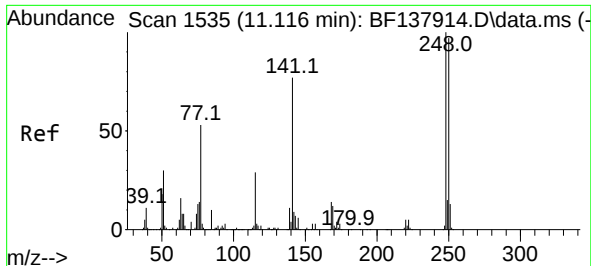
Tgt Ion:198 Resp: 102186
Ion Ratio Lower Upper
198 100
51 38.9 13.8 53.8
105 41.9 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 45.466 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:169 Resp: 492138
Ion Ratio Lower Upper
169 100
168 65.2 52.4 78.6
167 35.4 28.9 43.3

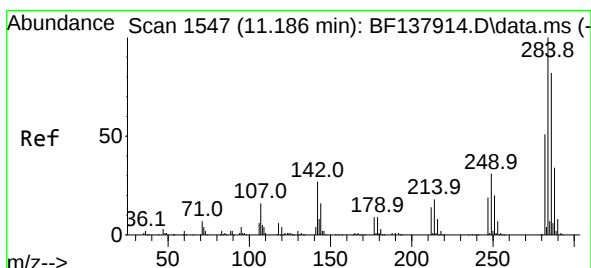
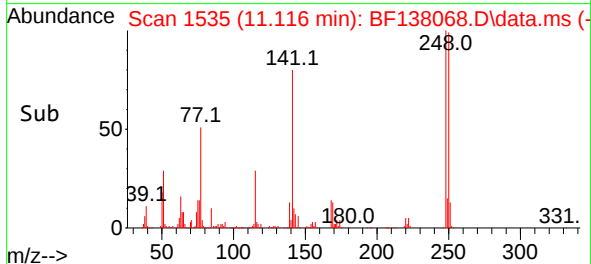
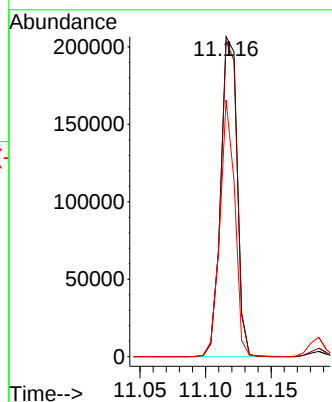
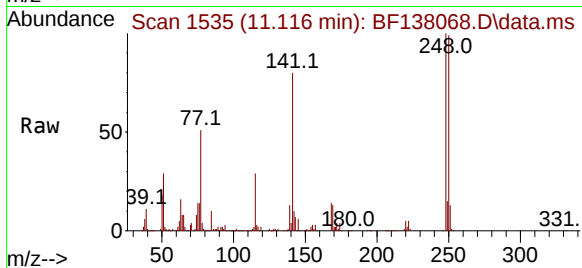




#67
4-Bromophenyl-phenylether
Concen: 46.593 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

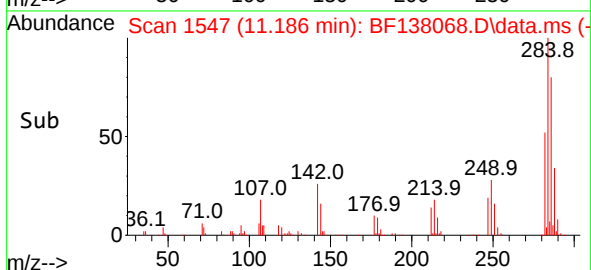
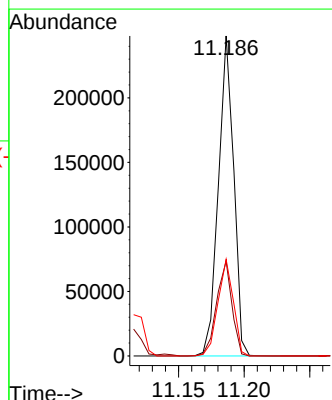
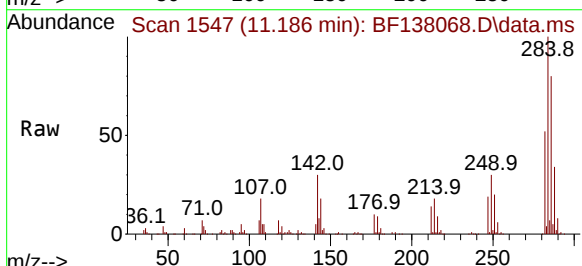
Instrument :
BNA_F
ClientSampleId :
PB161191BS

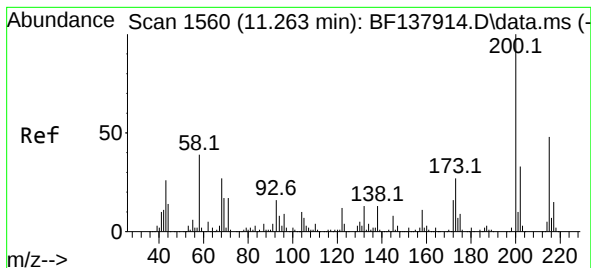
Tgt Ion:248 Resp: 180288
Ion Ratio Lower Upper
248 100
250 98.5 77.6 116.4
141 80.1 61.4 92.2



#68
Hexachlorobenzene
Concen: 46.887 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:284 Resp: 200549
Ion Ratio Lower Upper
284 100
142 29.6 21.3 31.9
249 30.2 24.6 37.0





#69

Atrazine

Concen: 56.197 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

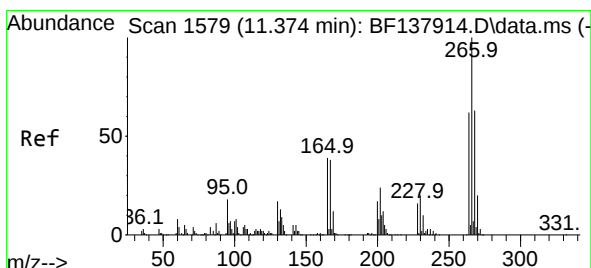
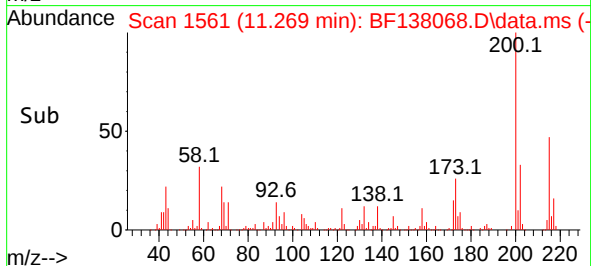
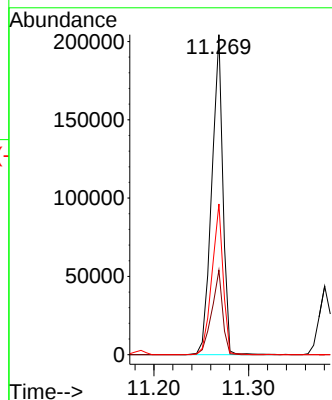
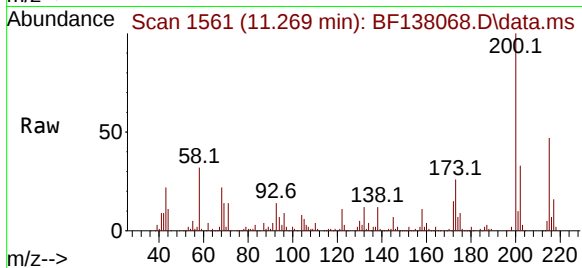
Tgt Ion:200 Resp: 166104

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

215 47.1 27.5 67.5



#70

Pentachlorophenol

Concen: 87.446 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

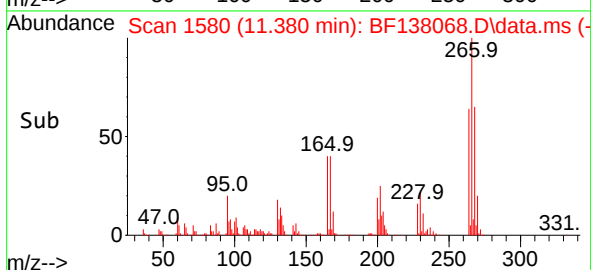
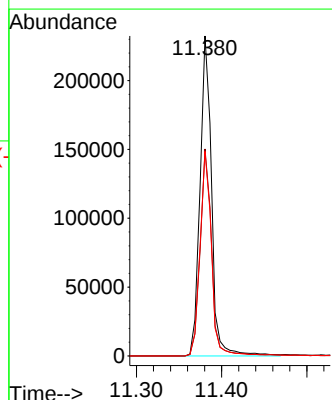
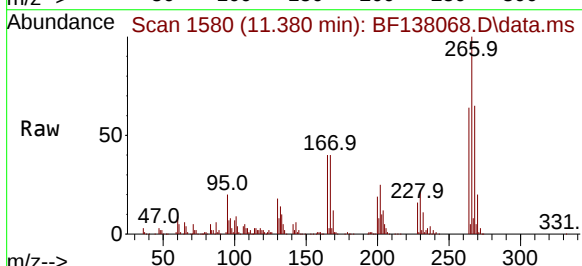
Tgt Ion:266 Resp: 219093

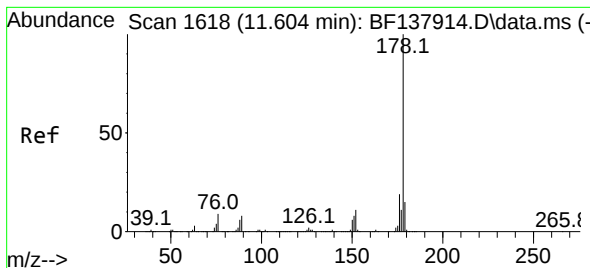
Ion Ratio Lower Upper

266 100

268 64.7 50.1 75.1

264 63.9 49.4 74.2





#71

Phenanthrene

Concen: 44.292 ng

RT: 11.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

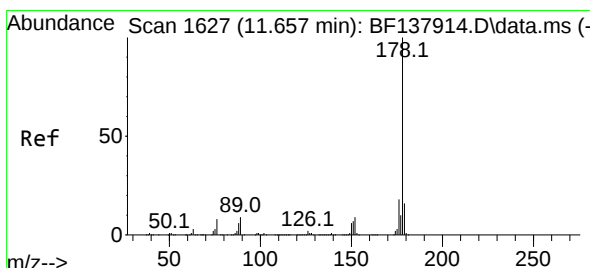
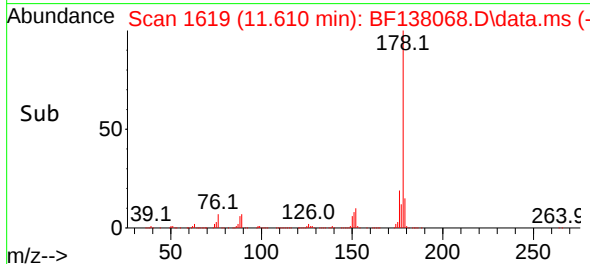
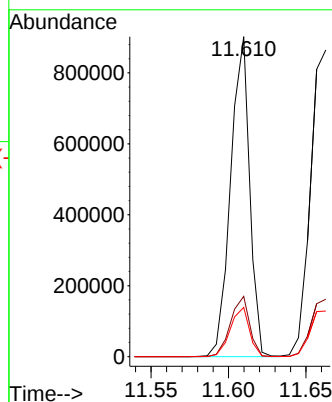
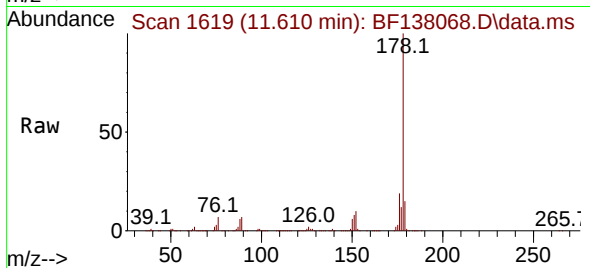
Tgt Ion:178 Resp: 770403

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 45.792 ng

RT: 11.663 min Scan# 1628

Delta R.T. 0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

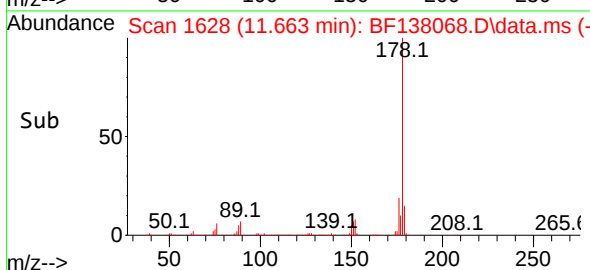
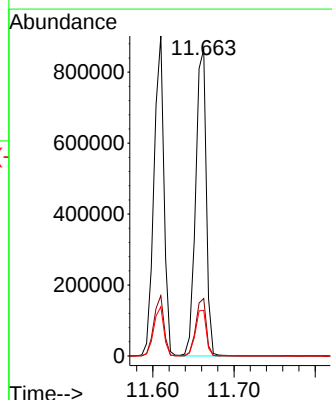
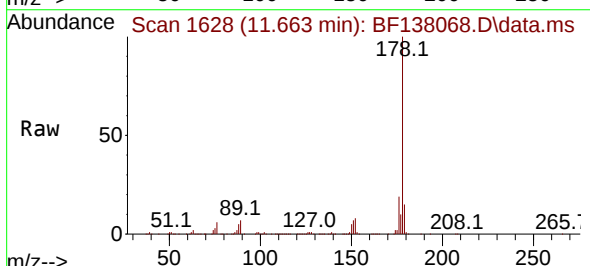
Tgt Ion:178 Resp: 790268

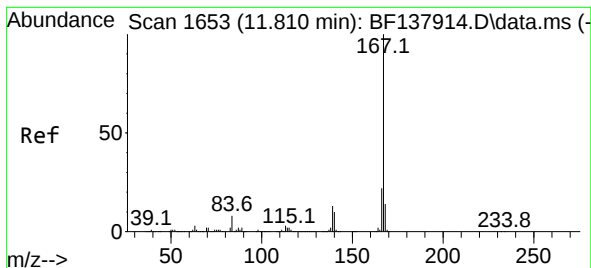
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 14.9 12.4 18.6





#73

Carbazole

Concen: 42.940 ng

RT: 11.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

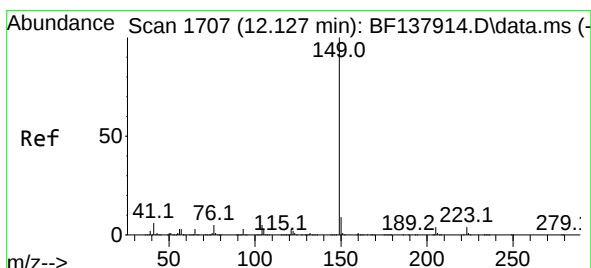
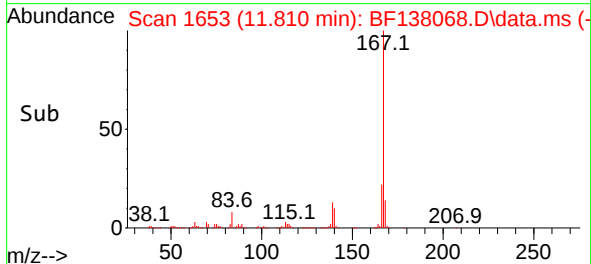
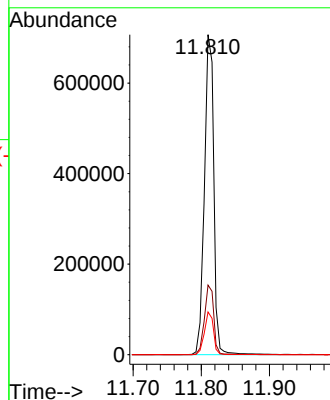
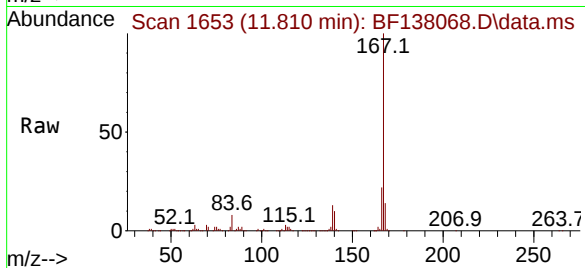
Tgt Ion:167 Resp: 676932

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.3 10.3 15.5



#74

Di-n-butylphthalate

Concen: 46.079 ng

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

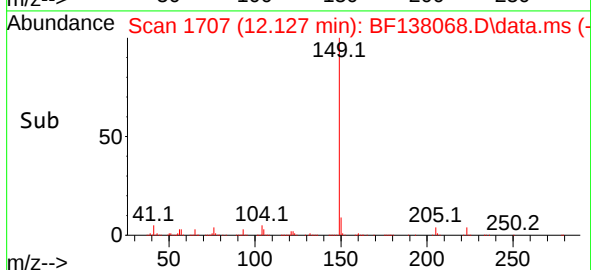
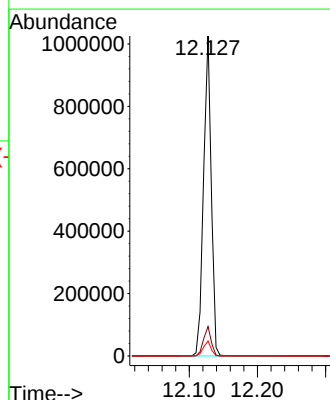
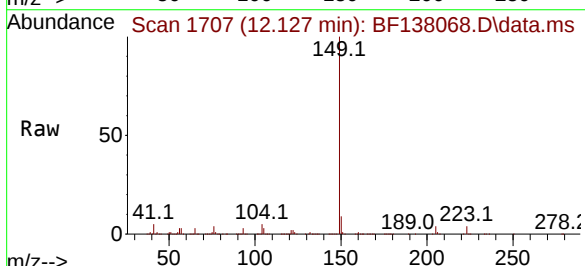
Tgt Ion:149 Resp: 806174

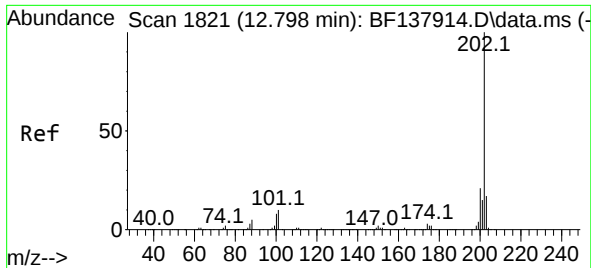
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.7 3.6 5.4

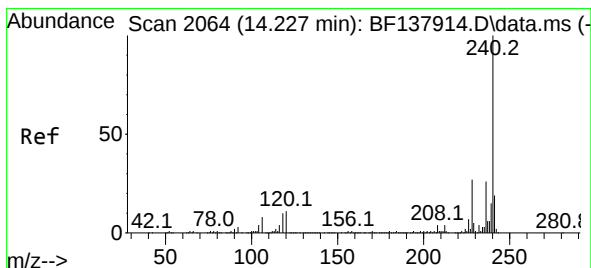
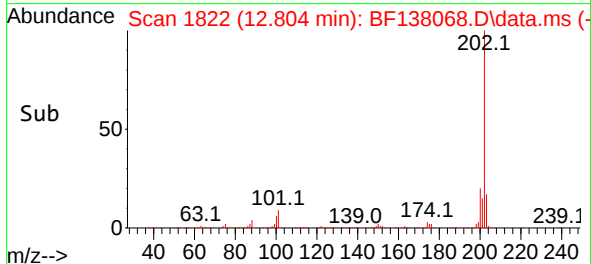
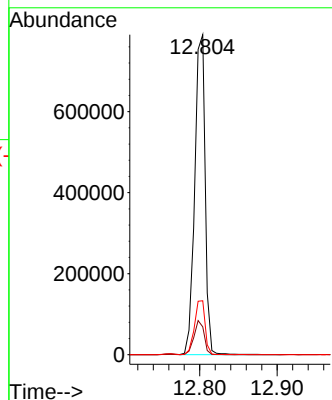
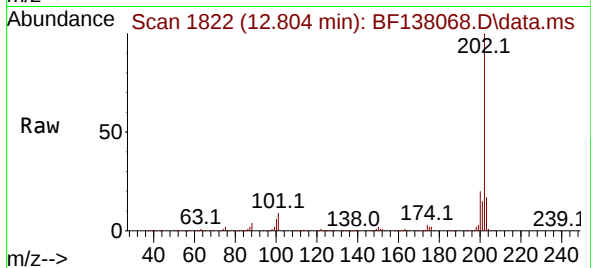




#75
Fluoranthene
Concen: 41.869 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

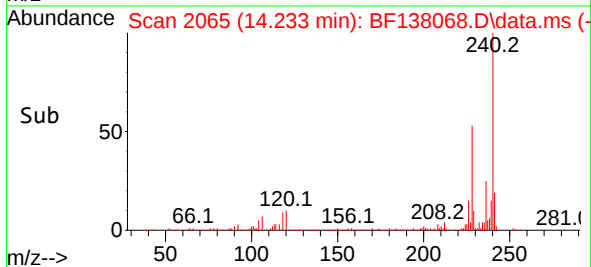
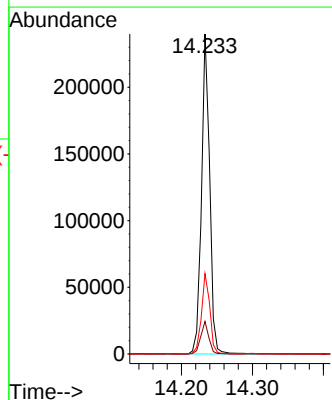
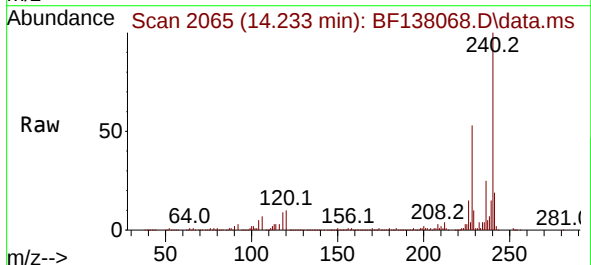
Instrument :
BNA_F
ClientSampleId :
PB161191BS

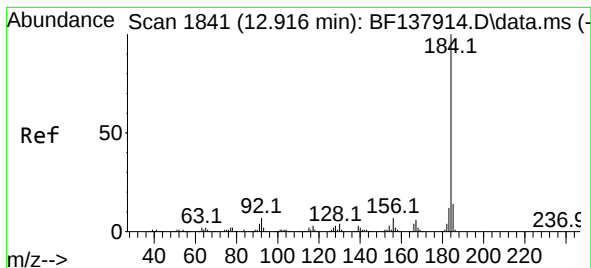
Tgt Ion:202 Resp: 739191
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.5
203 16.9 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:240 Resp: 192241
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.1 21.0 31.4





#77

Benzidine

Concen: 21.032 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

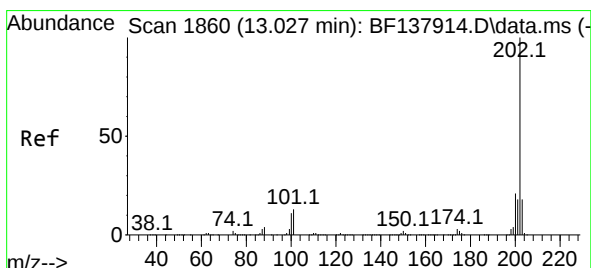
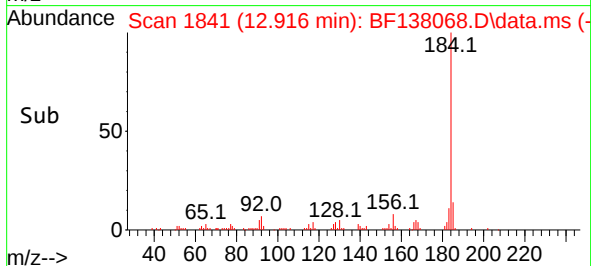
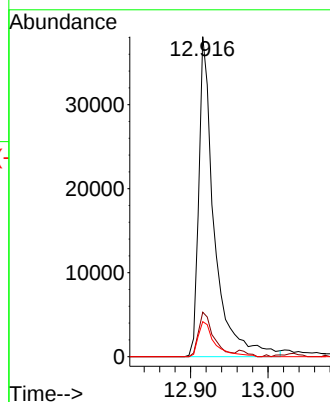
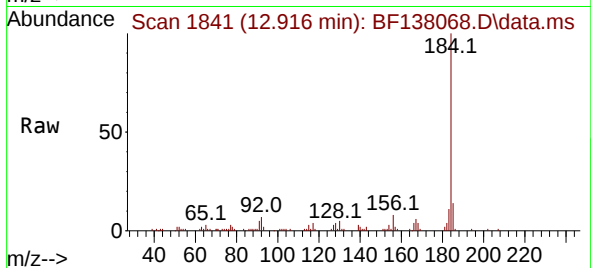
Tgt Ion:184 Resp: 52841

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.2

183 11.0 9.5 14.3



#78

Pyrene

Concen: 43.125 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

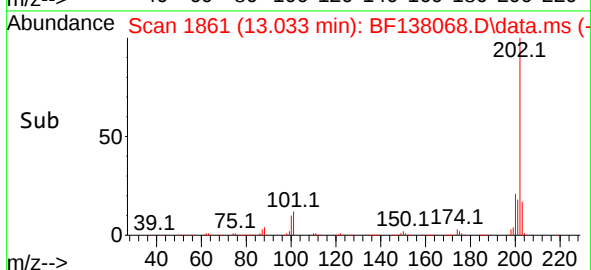
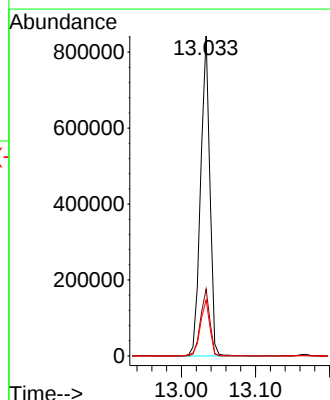
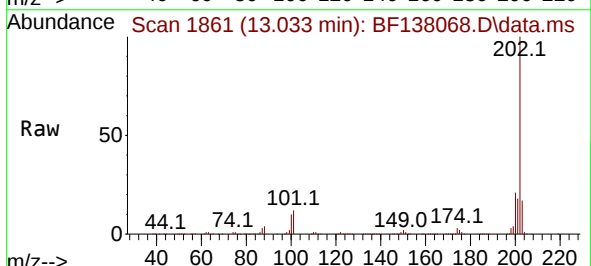
Tgt Ion:202 Resp: 725112

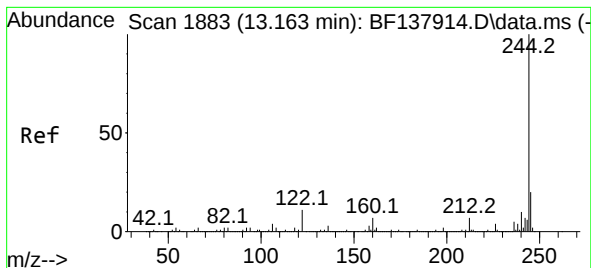
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 85.427 ng

RT: 13.169 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

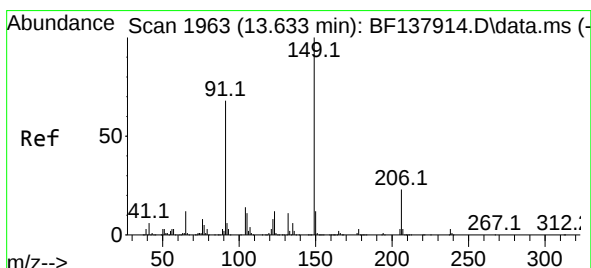
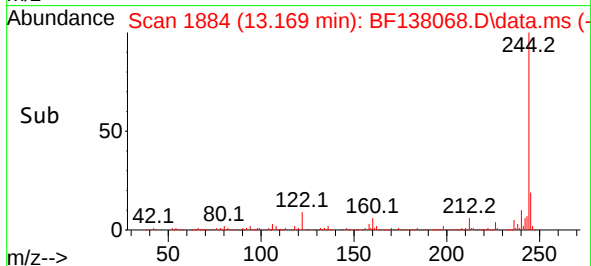
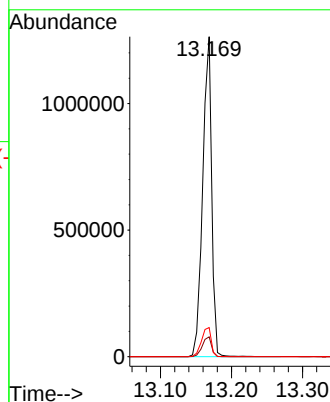
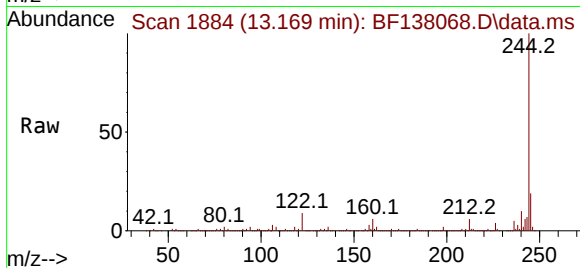
Tgt Ion:244 Resp: 1114297

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 9.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 48.922 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

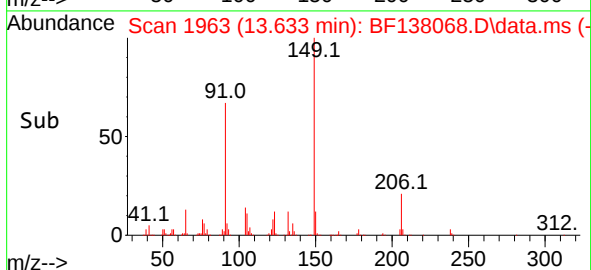
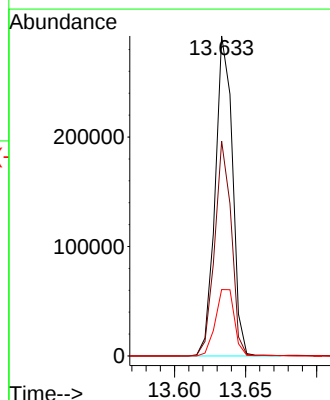
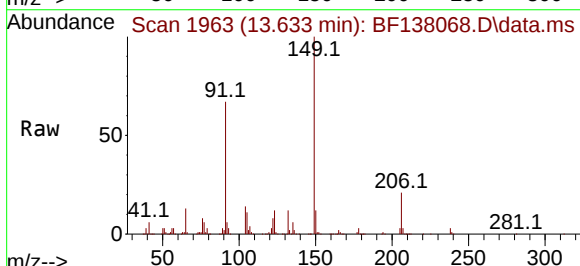
Tgt Ion:149 Resp: 248114

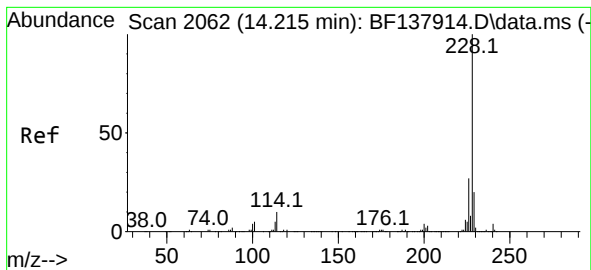
Ion Ratio Lower Upper

149 100

91 67.1 54.2 81.4

206 20.8 18.1 27.1





#81

Benzo(a)anthracene

Concen: 45.493 ng

RT: 14.221 min Scan# 2062

Delta R.T. 0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

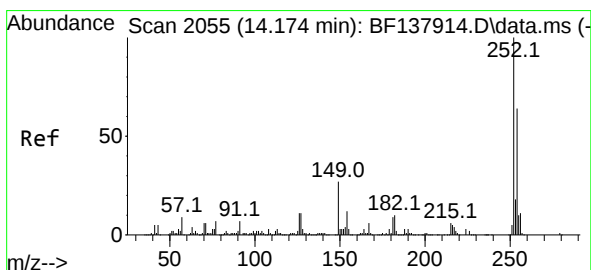
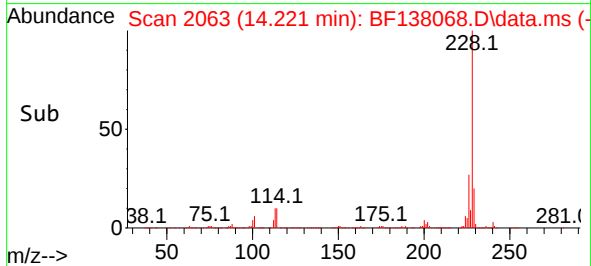
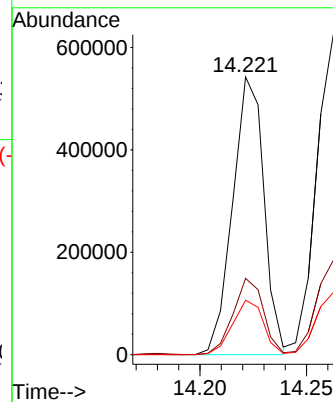
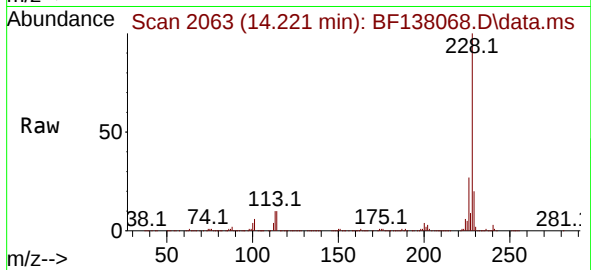
Tgt Ion:228 Resp: 553305

Ion Ratio Lower Upper

228 100

226 27.5 21.3 31.9

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 38.587 ng

RT: 14.180 min Scan# 2056

Delta R.T. 0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

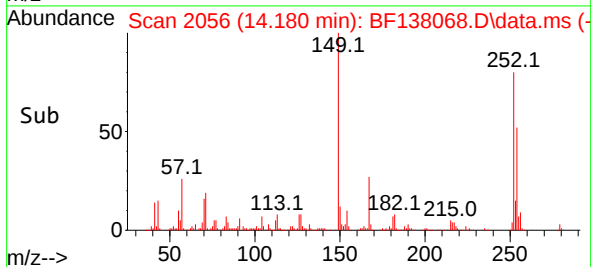
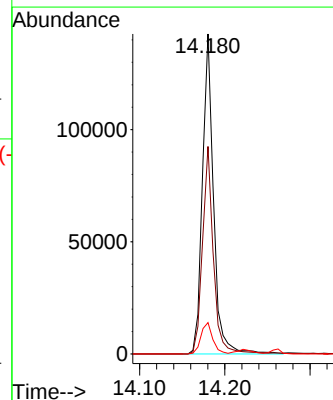
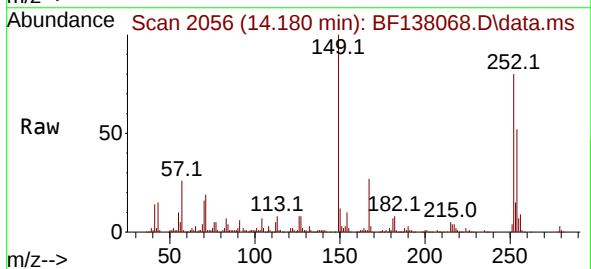
Tgt Ion:252 Resp: 130059

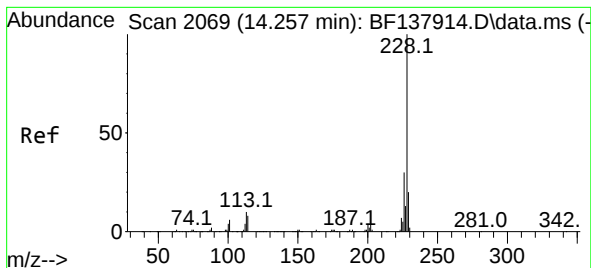
Ion Ratio Lower Upper

252 100

254 64.8 51.2 76.8

126 9.8 8.7 13.1





#83

Chrysene

Concen: 45.680 ng

RT: 14.263 min Scan# 2069

Delta R.T. 0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

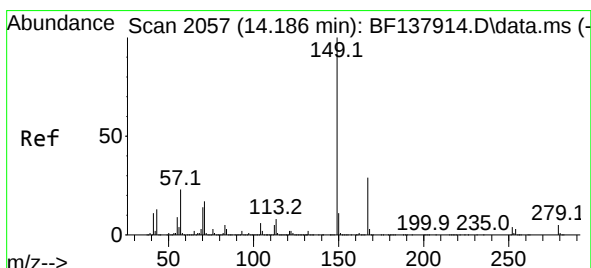
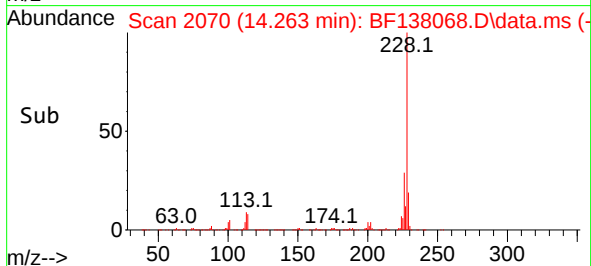
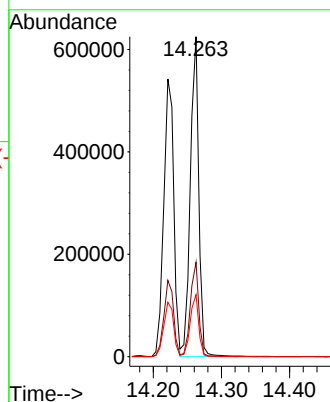
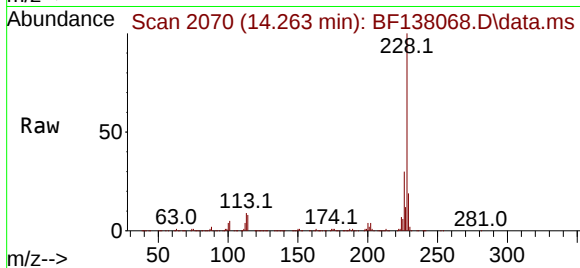
Tgt Ion:228 Resp: 531343

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.558 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

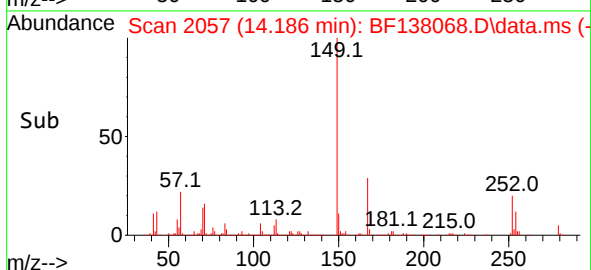
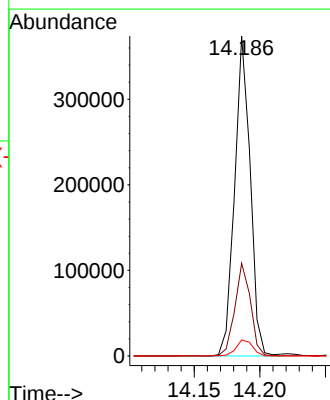
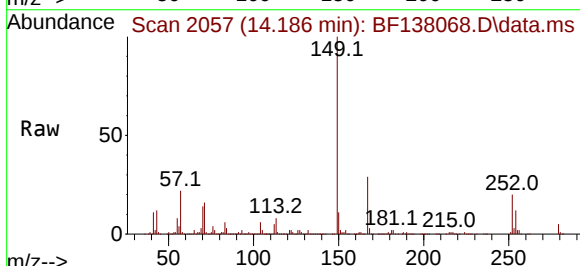
Tgt Ion:149 Resp: 309576

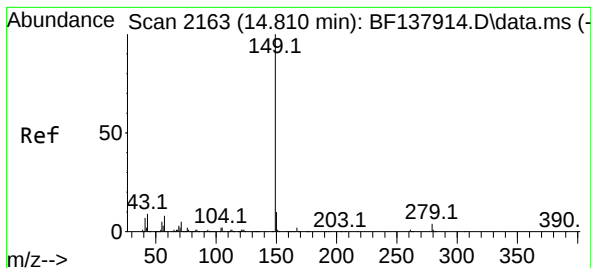
Ion Ratio Lower Upper

149 100

167 28.9 23.2 34.8

279 5.0 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 62.298 ng

RT: 14.815 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

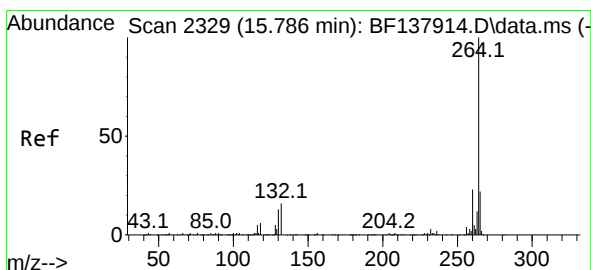
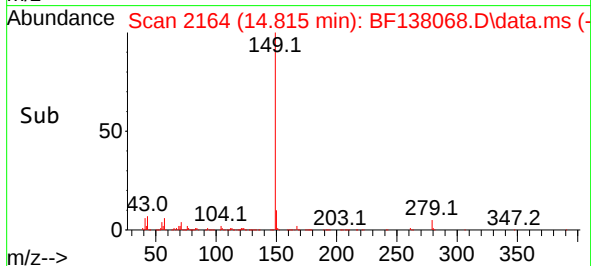
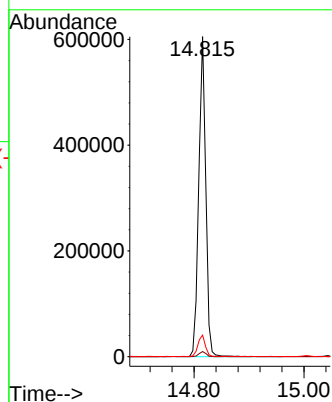
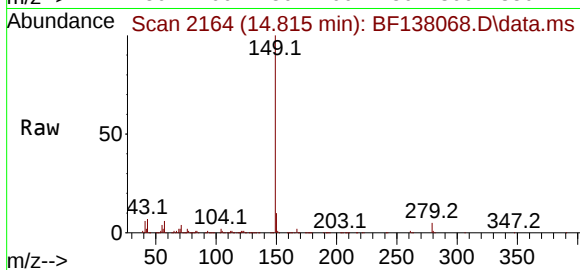
Tgt Ion:149 Resp: 536559

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 7.1 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. 0.012 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

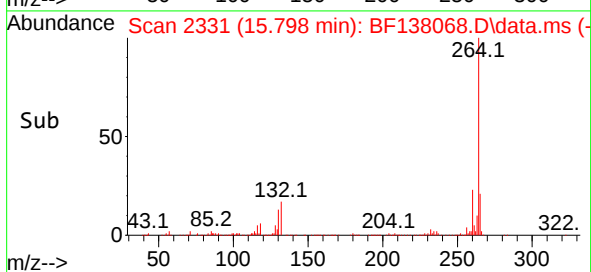
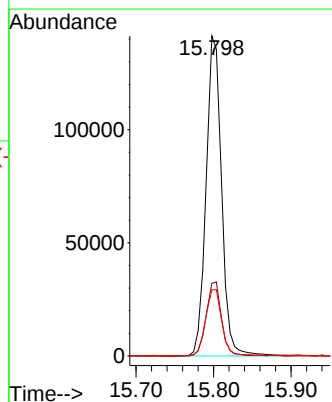
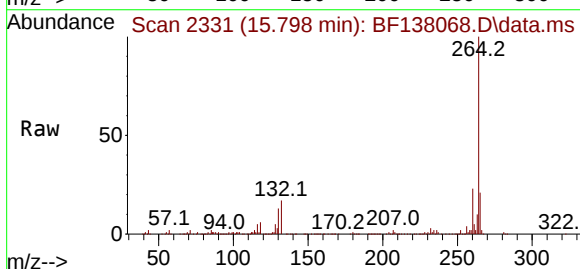
Tgt Ion:264 Resp: 196468

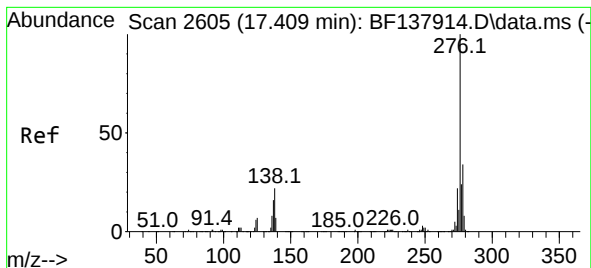
Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 20.7 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.383 ng

RT: 17.439 min Scan# 2

Delta R.T. 0.029 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

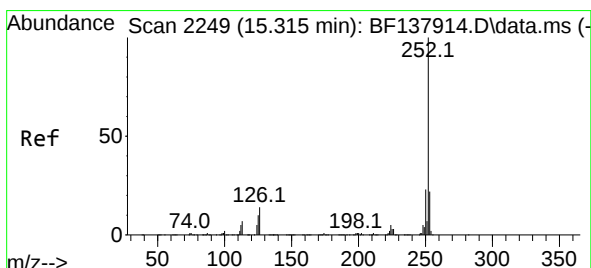
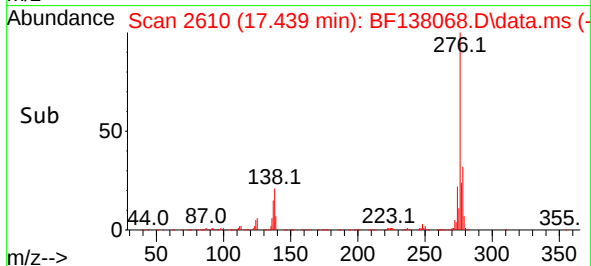
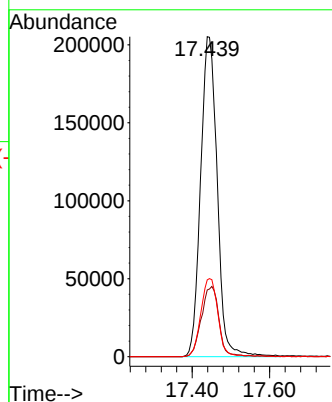
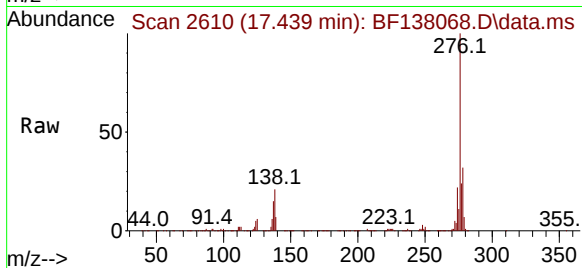
Tgt Ion:276 Resp: 610709

Ion Ratio Lower Upper

276 100

138 23.0 20.6 30.8

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.140 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.012 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

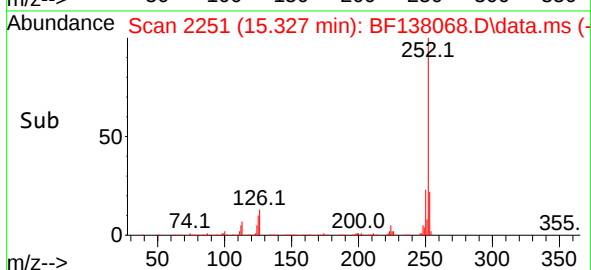
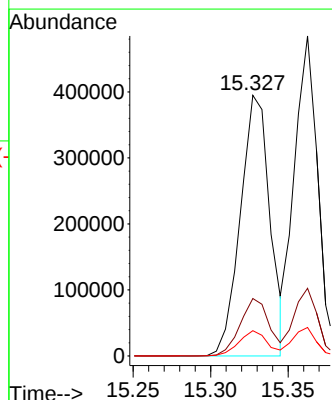
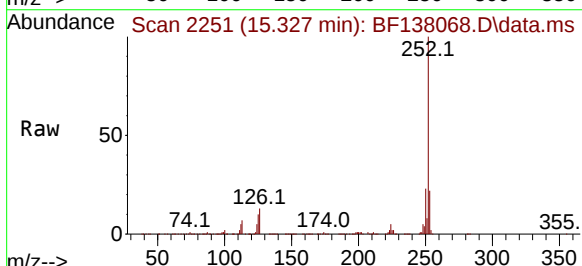
Tgt Ion:252 Resp: 524874

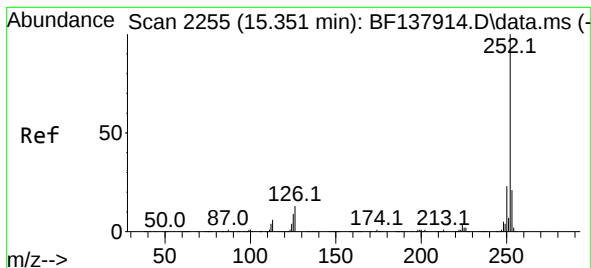
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.7 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 46.285 ng

RT: 15.362 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161191BS

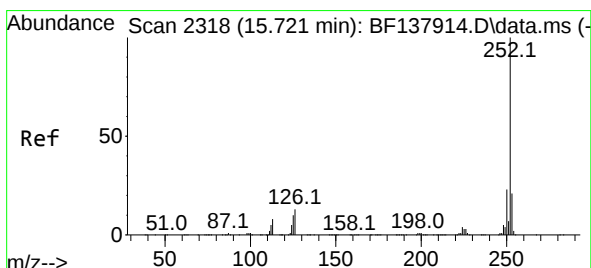
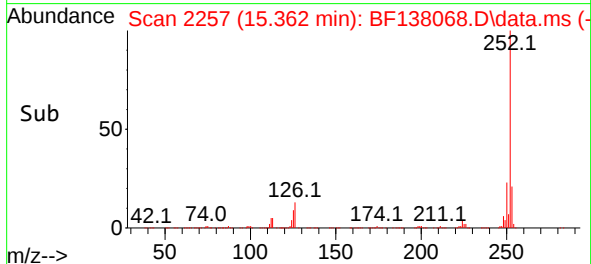
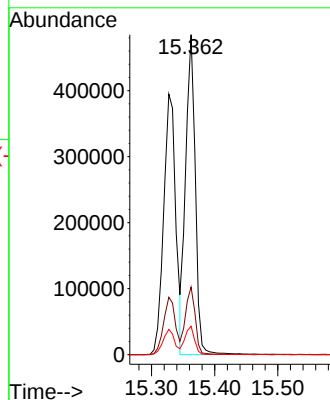
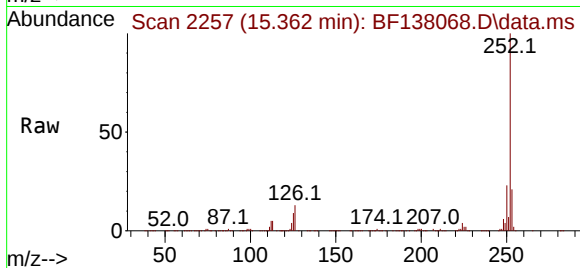
Tgt Ion:252 Resp: 517259

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 8.9 7.7 11.5



#90

Benzo(a)pyrene

Concen: 49.487 ng

RT: 15.733 min Scan# 2320

Delta R.T. 0.012 min

Lab File: BF138068.D

Acq: 30 May 2024 11:31

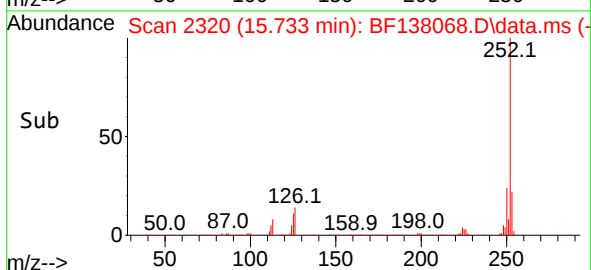
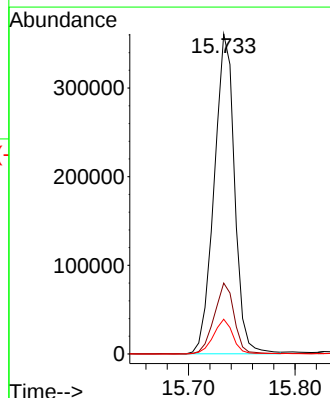
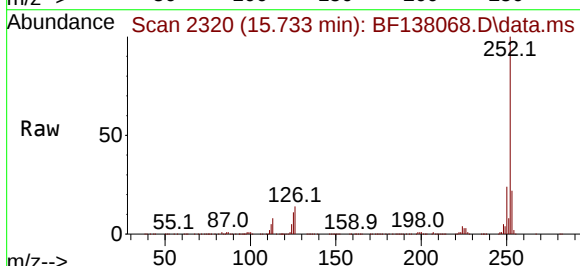
Tgt Ion:252 Resp: 480698

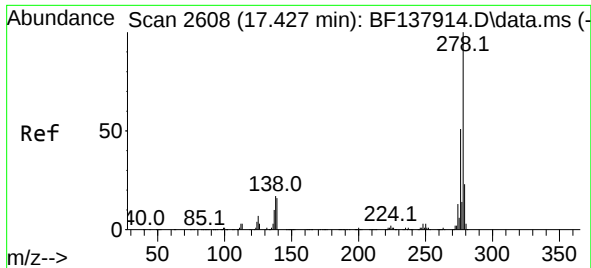
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 10.9 7.8 11.8

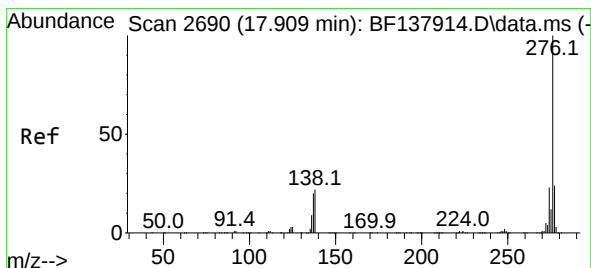
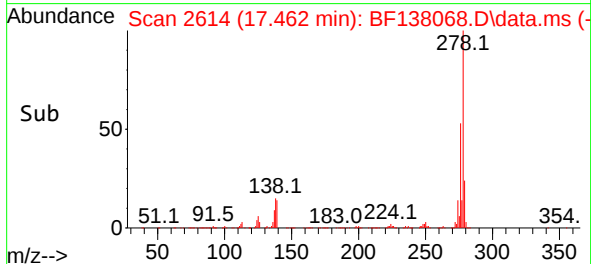
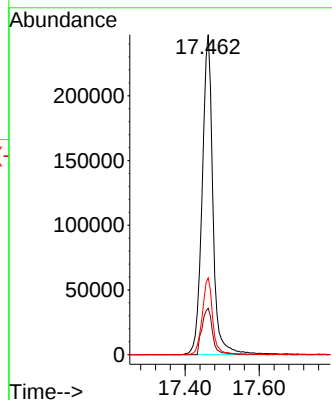
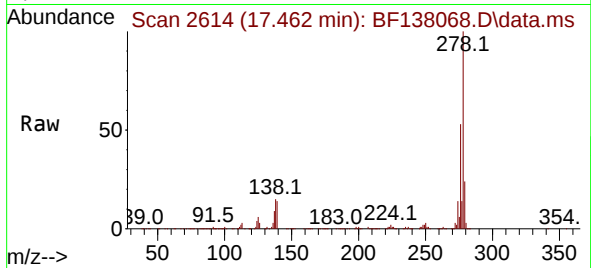




#91
Dibenzo(a,h)anthracene
Concen: 47.771 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.035 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Instrument :
BNA_F
ClientSampleId :
PB161191BS

Tgt Ion:278 Resp: 498203
Ion Ratio Lower Upper
278 100
139 14.5 13.1 19.7
279 24.0 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 43.561 ng
RT: 17.939 min Scan# 2695
Delta R.T. 0.029 min
Lab File: BF138068.D
Acq: 30 May 2024 11:31

Tgt Ion:276 Resp: 477238
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 20.6 17.6 26.4

