

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051185.D
 Acq On : 23 Nov 2021 13:37
 Operator : CG/JU
 Sample : SSTD08023
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 23 18:17:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 23 16:48:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	23338	20.000	ng/u1	0.00
20) Naphthalene-d8	11.032	136	108519	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.833	164	72994	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.583	188	164888	20.000	ng/u1	0.00
79) Chrysene-d12	21.889	240	138377	20.000	ng/u1	0.00
88) Perylene-d12	25.291	264	142201	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.540	96	25263	94.043	ng/uL	0.00
4) Pyridine-d5	3.969	84	185424	94.091	ng/u1	0.00
7) Phenol-d5	7.359	99	220744	95.702	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.518	67	135082	93.247	ng/u1	0.00
11) 2-Chlorophenol-d4	7.736	132	160103	96.392	ng/u1	0.00
15) 4-Methylphenol-d8	8.922	113	176167	94.645	ng/u1	0.00
21) Nitrobenzene-d5	9.381	128	85590	93.433	ng/u1	0.00
24) 2-Nitrophenol-d4	10.109	143	100372	97.133	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.656	165	170391	97.185	ng/u1	0.00
31) 4-Chloroaniline-d4	11.173	131	240297	93.669	ng/u1	0.00
46) Dimethylphthalate-d6	14.234	166	513976	91.512	ng/u1	0.00
49) Acenaphthylene-d8	14.533	160	646323	91.259	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	88997	97.893	ng/u1	0.00
60) Fluorene-d10	15.826	176	456600	90.279	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	100972	99.238	ng/u1	0.00
73) Anthracene-d10	17.689	188	688210	87.270	ng/u1	0.00
81) Pyrene-d10	19.962	212	772058	92.210	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.062	264	714320	94.057	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.576	88	25775	85.076	ng/uL	98
5) Pyridine	3.987	79	192847	94.043	ng/u1	98
6) Benzaldehyde	7.336	77	104652	71.244	ng/u1	91
8) Phenol	7.389	94	225686	94.450	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.612	93	168507	93.214	ng/u1	98
12) 2-Chlorophenol	7.765	128	160640	94.908	ng/u1	96
13) 2-Methylphenol	8.646	108	171419	96.311	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.723	45	241157	92.446	ng/u1	98
16) Acetophenone	9.034	105	266898	92.703	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.016	70	156516	94.603	ng/u1	97
18) 4-Methylphenol	8.987	108	180278	94.723	ng/u1	96
19) Hexachloroethane	9.287	117	66242	92.657	ng/u1	96
22) Nitrobenzene	9.428	77	223690	93.126	ng/u1	96
23) Isophorone	9.951	82	436176	93.466	ng/u1	98
25) 2-Nitrophenol	10.139	139	99948	93.380	ng/u1	98
26) 2,4-Dimethylphenol	10.191	107	203205	92.858	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.421	93	240165	93.222	ng/u1	99
29) 2,4-Dichlorophenol	10.679	162	161088	93.337	ng/u1	97
30) Naphthalene	11.085	128	532424	90.169	ng/u1	99
32) 4-Chloroaniline	11.196	127	240157	93.249	ng/u1	100
33) Hexachlorobutadiene	11.349	225	107417	90.234	ng/u1	99
34) Caprolactam	11.983	113	37043	54.596	ng/u1	97
35) 4-Chloro-3-methylphenol	12.312	107	198705	95.844	ng/u1	98
36) 2-Methylnaphthalene	12.671	142	366858	91.342	ng/u1	100

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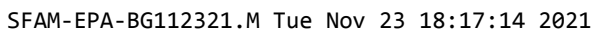
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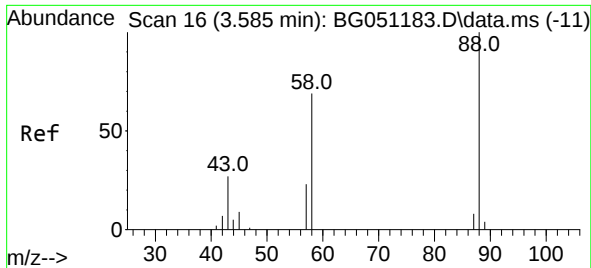
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.894	142	374429	90.616	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.035	216	214150	93.451	ng/ul	97
40) Hexachlorocyclopentadiene	13.006	237	86836	93.751	ng/ul	99
41) 2,4,6-Trichlorophenol	13.276	196	142622	99.178	ng/ul	98
42) 2,4,5-Trichlorophenol	13.358	196	148380	98.531	ng/ul	98
43) 1,1'-Biphenyl	13.670	154	490289	89.930	ng/ul	99
44) 2-Chloronaphthalene	13.723	162	390501	90.043	ng/ul	98
45) 2-Nitroaniline	13.928	65	147304	98.141	ng/ul	90
47) Dimethylphthalate	14.281	163	507671	89.300	ng/ul	100
48) 2,6-Dinitrotoluene	14.416	165	115490	96.712	ng/ul	91
50) Acenaphthylene	14.563	152	619326	88.511	ng/ul	99
51) 3-Nitroaniline	14.751	138	102810	87.099	ng/ul	95
52) Acenaphthene	14.898	153	420979	91.228	ng/ul	96
53) 2,4-Dinitrophenol	14.968	184	64411	97.583	ng/ul	88
55) 4-Nitrophenol	15.074	109	77875	98.745	ng/ul	93
56) Dibenzofuran	15.233	168	587184	88.218	ng/ul	97
57) 2,4-Dinitrotoluene	15.209	165	162036	95.003	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.462	232	123011	104.022	ng/ul	96
59) Diethylphthalate	15.632	149	535227	89.692	ng/ul	97
61) Fluorene	15.885	166	472137	88.556	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.867	204	256295	89.201	ng/ul	95
63) 4-Nitroaniline	15.920	138	98117	85.417	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.973	198	96678	98.524	ng/ul	95
67) N-Nitrosodiphenylamine	16.085	169	427250	90.511	ng/ul	99
68) 4-Bromophenyl-phenylether	16.760	248	165781	93.809	ng/ul	93
69) Hexachlorobenzene	16.889	284	167706	93.068	ng/ul	96
70) Atrazine	17.030	200	181173	91.324	ng/ul	99
71) Pentachlorophenol	17.236	266	81388	101.929	ng/ul	96
72) Phenanthrene	17.630	178	801968	88.088	ng/ul	98
74) Anthracene	17.724	178	779196	86.177	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.640	216	228354	94.946	ng/ul	97
76) Pentachlorobenzene	15.156	250	209576	93.521	ng/ul	99
77) Carbazole	17.994	167	710039	89.464	ng/ul	98
78) Di-n-butylphthalate	18.517	149	892715	87.235	ng/ul	99
80) Fluoranthene	19.633	202	946643	92.052	ng/ul	97
82) Pyrene	19.998	202	895658	89.035	ng/ul	97
83) Butylbenzylphthalate	20.855	149	397713	95.099	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.772	252	293200	91.006	ng/ul	99
85) Benzo(a)anthracene	21.872	228	856666	91.276	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.725	149	562931	93.541	ng/ul	98
87) Chrysene	21.936	228	822637	91.238	ng/ul	97
89) Di-n-octyl phthalate	22.994	149	953941	92.598	ng/ul	100
90) Benzo(b)fluoranthene	24.210	252	886111	92.335	ng/ul	98
91) Benzo(k)fluoranthene	24.281	252	825309	91.644	ng/ul	98
93) Benzo(a)pyrene	25.145	252	845424	92.341	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.222	276	972330	94.906	ng/ul	98
95) Dibenzo(a,h)anthracene	29.287	278	810855	93.291	ng/ul	98
96) Benzo(g,h,i)perylene	30.468	276	810492	94.027	ng/ul	96

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

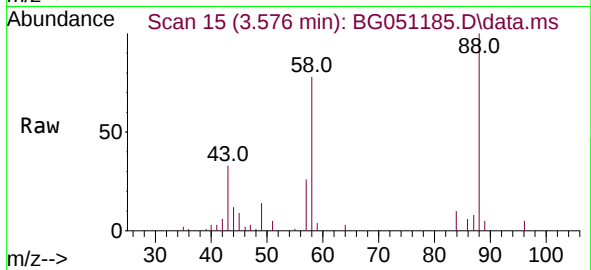
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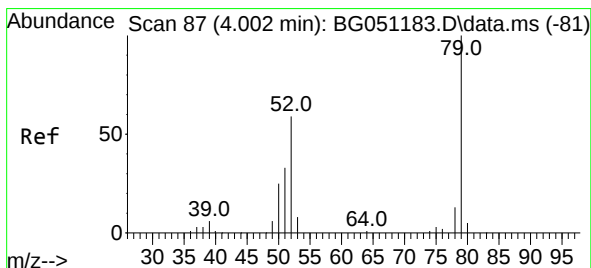
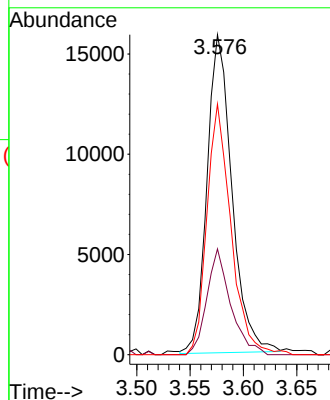
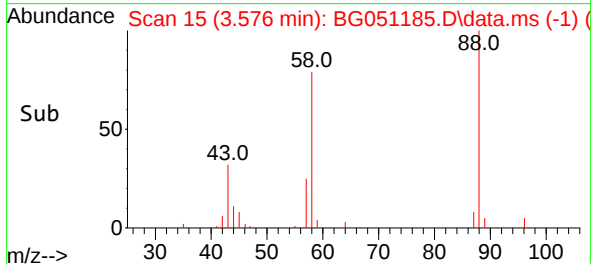


#2
 1,4-Dioxane
 Concen: 85.076 ng/uL
 RT: 3.576 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BG051185.D
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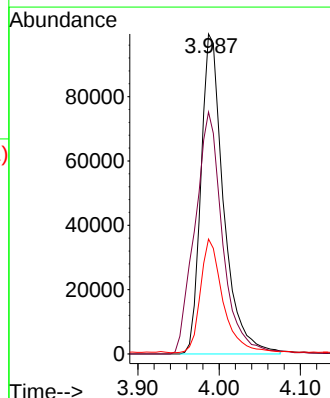
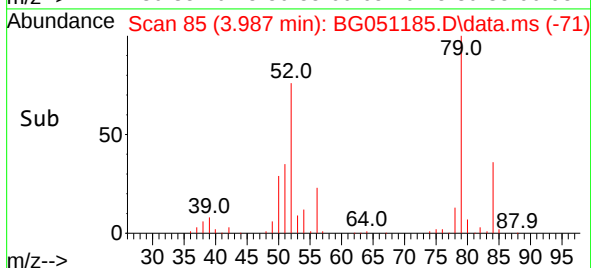
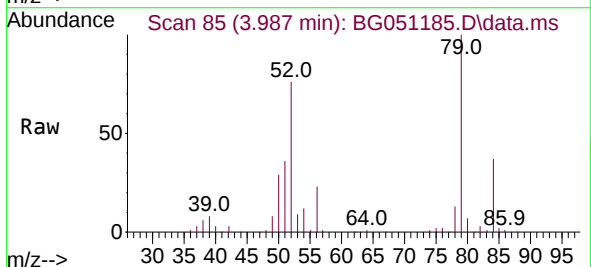


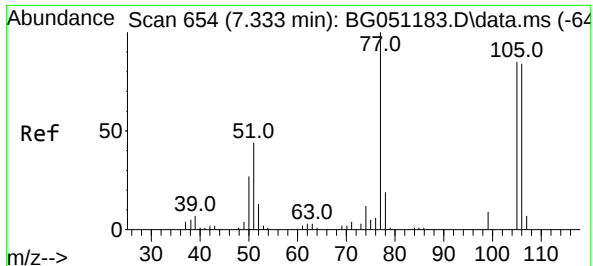
Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.1	23.0	34.4
58	78.3	62.4	93.6



#5
 Pyridine
 Concen: 94.043 ng/uL
 RT: 3.987 min Scan# 85
 Delta R.T. -0.015 min
 Lab File: BG051185.D
 Acq: 23 Nov 2021 13:37

Tgt Ion	Ratio	Lower	Upper
79	100		
52	75.6	60.8	91.2
51	35.9	30.5	45.7

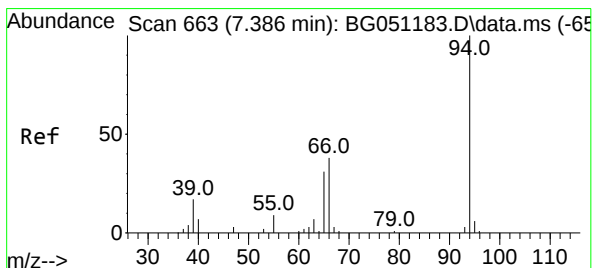
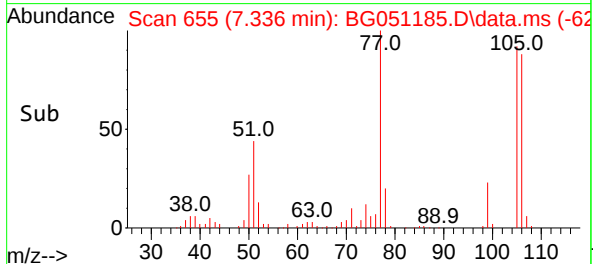
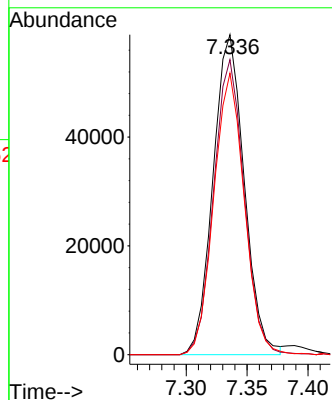
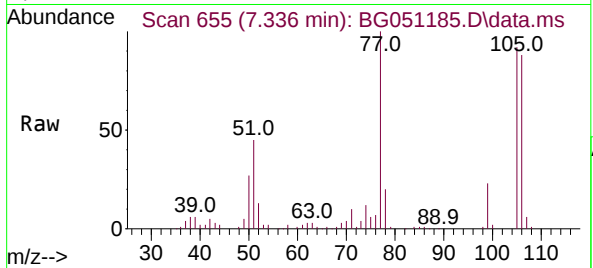




#6
Benzaldehyde
Concen: 71.244 ng/ul
RT: 7.336 min Scan# 654
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

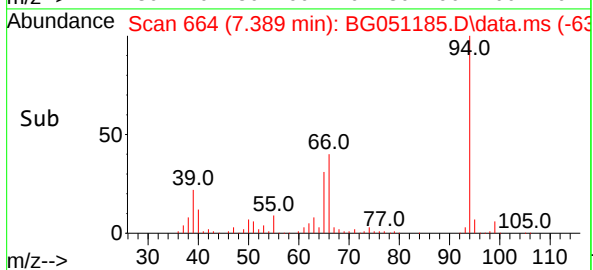
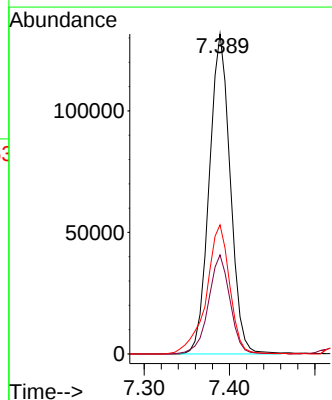
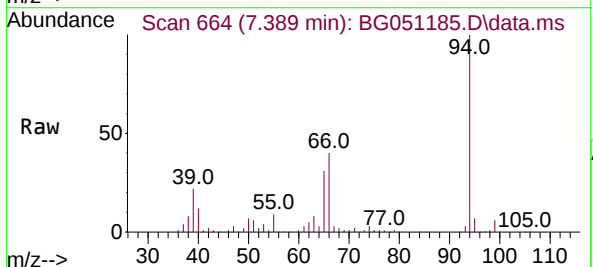
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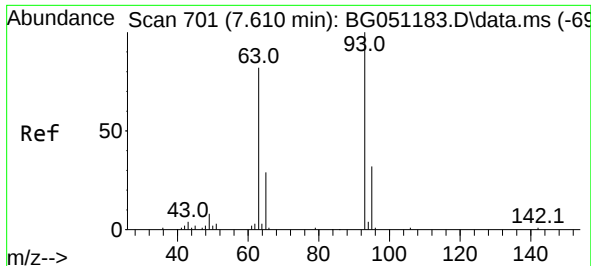
Tgt Ion: 77 Resp: 104652
Ion Ratio Lower Upper
77 100
105 92.2 70.4 105.6
106 87.9 61.2 91.8



#8
Phenol
Concen: 94.450 ng/ul
RT: 7.389 min Scan# 664
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion: 94 Resp: 225686
Ion Ratio Lower Upper
94 100
65 31.0 25.1 37.7
66 40.4 31.6 47.4

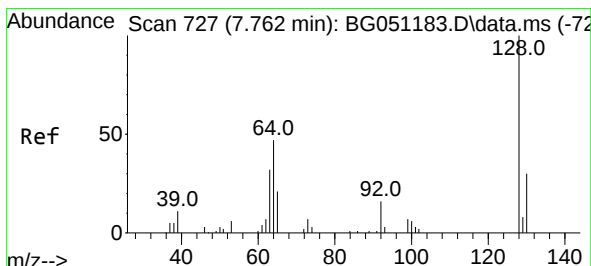
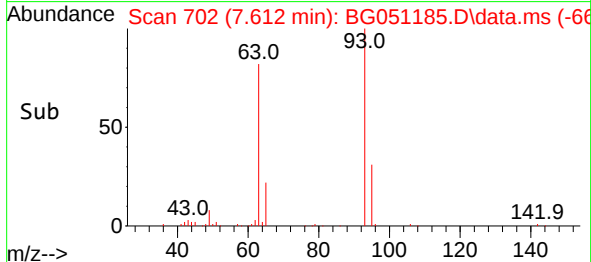
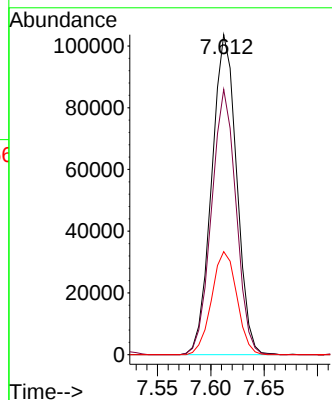
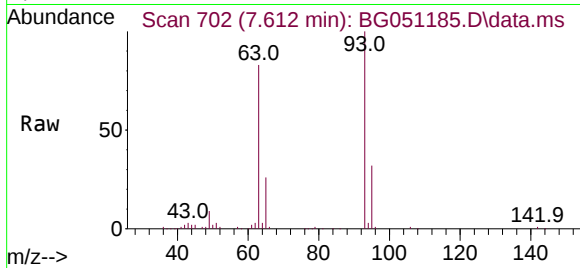




#10
Bis(2-Chloroethyl)ether
Concen: 93.214 ng/ul
RT: 7.612 min Scan# 701
Delta R.T. 0.002 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

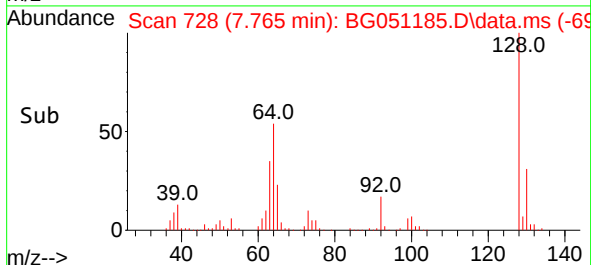
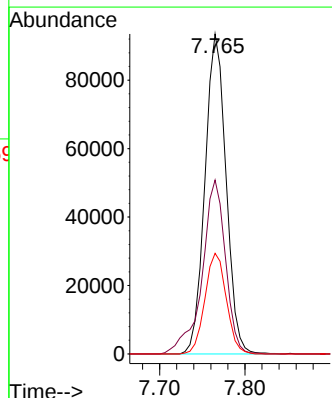
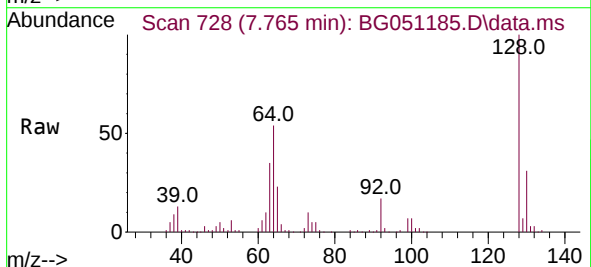
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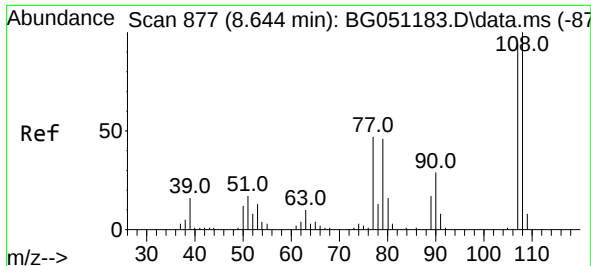
Tgt Ion: 93 Resp: 168507
Ion Ratio Lower Upper
93 100
63 82.9 68.6 103.0
95 32.2 26.1 39.1



#12
2-Chlorophenol
Concen: 94.908 ng/ul
RT: 7.765 min Scan# 728
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:128 Resp: 160640
Ion Ratio Lower Upper
128 100
64 54.3 45.3 67.9
130 31.5 27.1 40.7

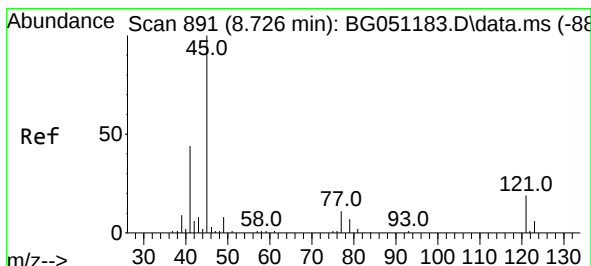
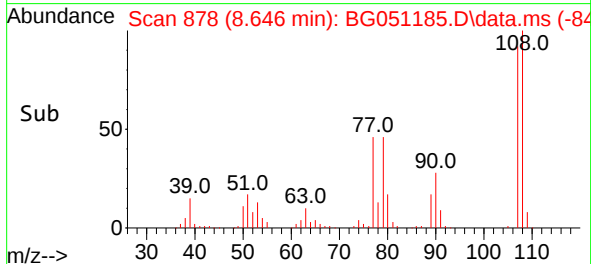
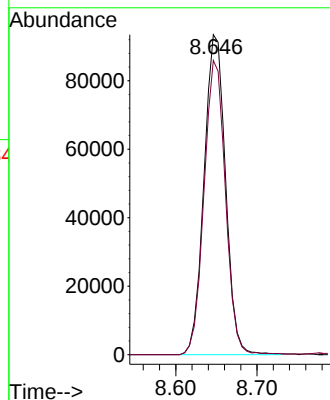
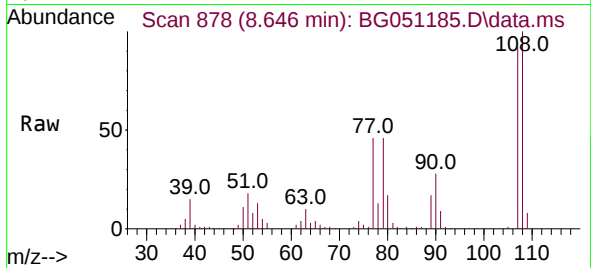




#13
2-Methylphenol
Concen: 96.311 ng/ul
RT: 8.646 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

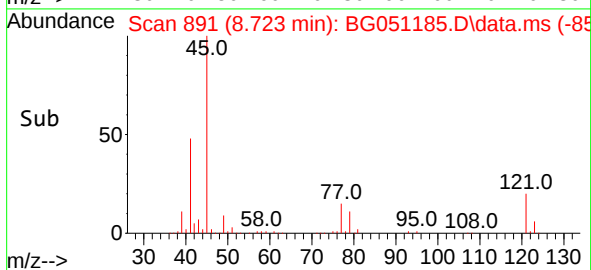
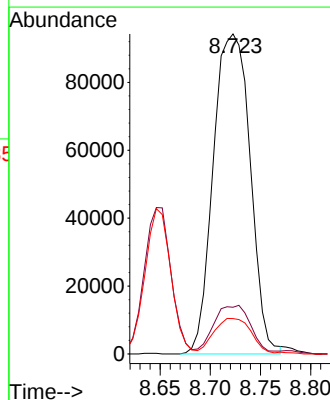
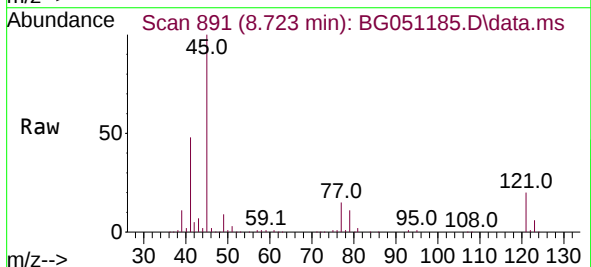
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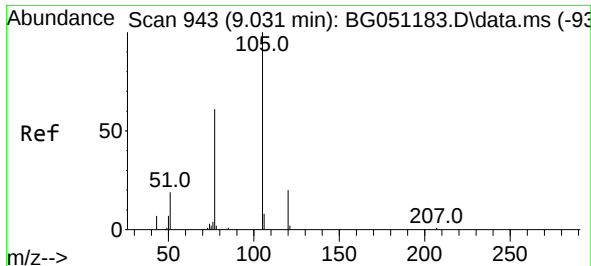
Tgt Ion:108 Resp: 171419
Ion Ratio Lower Upper
108 100
107 91.9 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 92.446 ng/ul
RT: 8.723 min Scan# 891
Delta R.T. -0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion: 45 Resp: 241157
Ion Ratio Lower Upper
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77 14.6 10.7 16.1
79 11.0 8.5 12.7

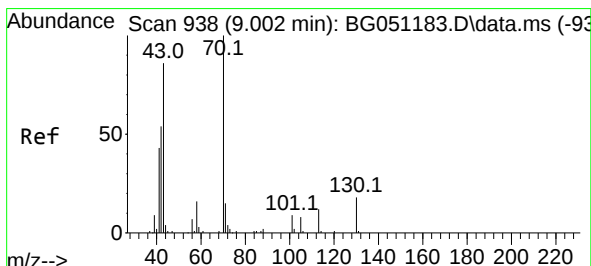
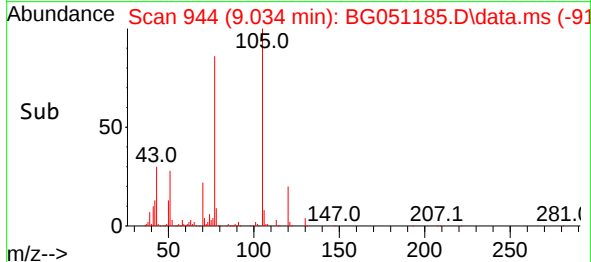
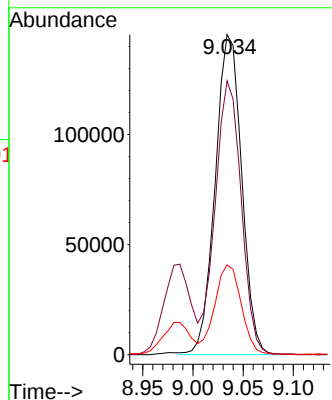
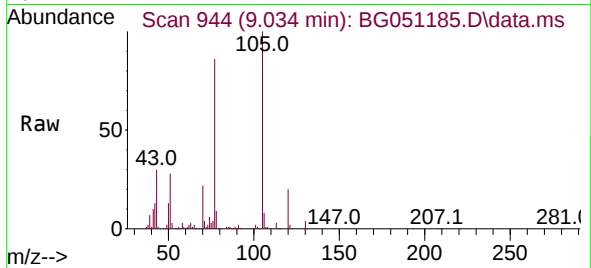




#16
Acetophenone
Concen: 92.703 ng/ul
RT: 9.034 min Scan# 941
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

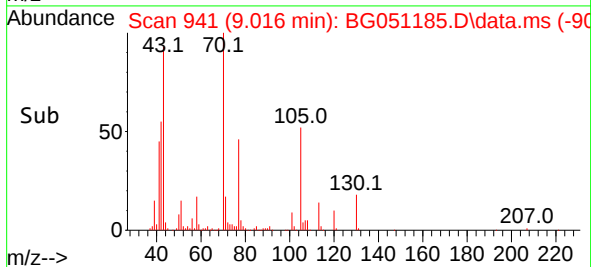
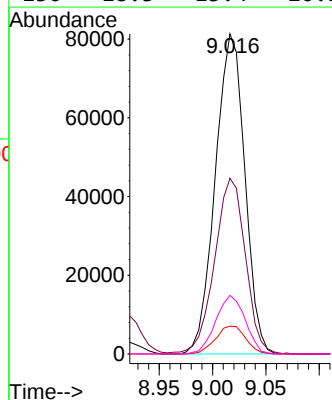
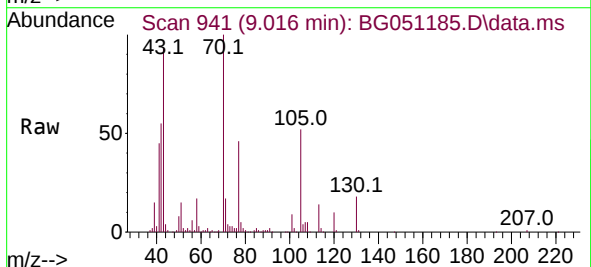
Instrument :
BNA_G
ClientSampleId :

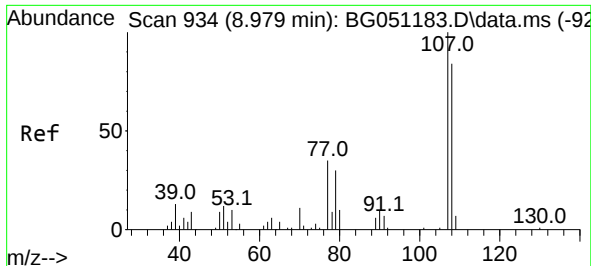
Tgt Ion:105 Resp: 266898
Ion Ratio Lower Upper
105 100
77 85.5 67.3 100.9
51 28.0 24.0 36.0



#17
N-Nitroso-di-n-propylamine
Concen: 94.603 ng/ul
RT: 9.016 min Scan# 941
Delta R.T. 0.014 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion: 70 Resp: 156516
Ion Ratio Lower Upper
70 100
42 54.9 46.0 69.0
101 8.7 7.0 10.4
130 18.3 13.4 20.2

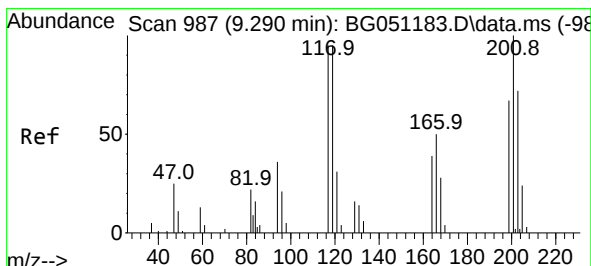
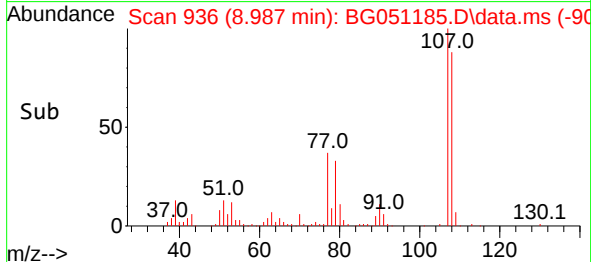
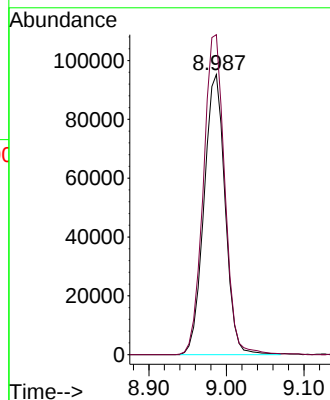
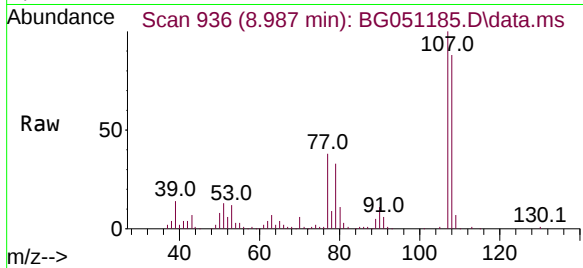




#18
4-Methylphenol
Concen: 94.723 ng/ul
RT: 8.987 min Scan# 91
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

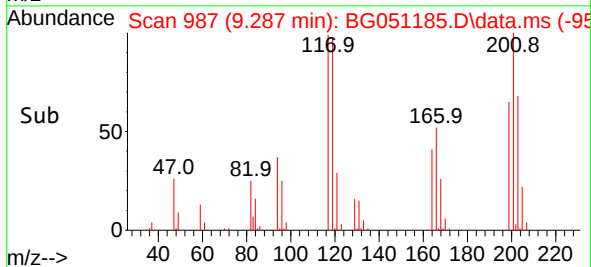
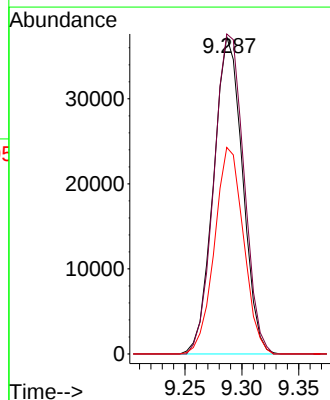
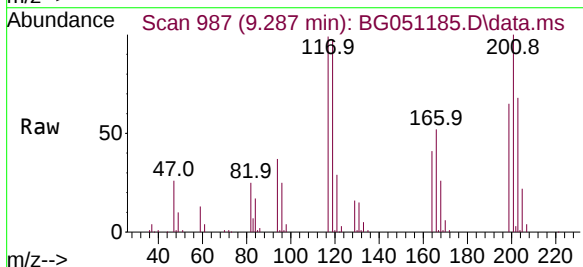
Instrument :
BNA_G
ClientSampleId :

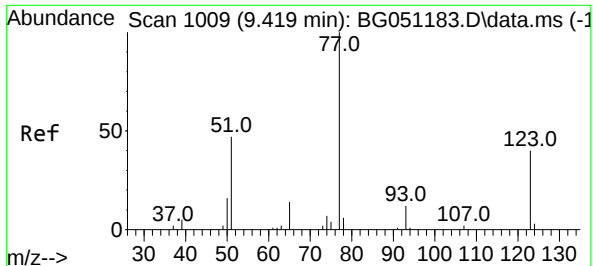
Tgt Ion:108 Resp: 180278
Ion Ratio Lower Upper
108 100
107 114.2 95.0 142.4



#19
Hexachloroethane
Concen: 92.657 ng/ul
RT: 9.287 min Scan# 987
Delta R.T. -0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:117 Resp: 66242
Ion Ratio Lower Upper
117 100
201 100.9 77.2 115.8
199 65.2 49.9 74.9





#22

Nitrobenzene

Concen: 93.126 ng/ul

RT: 9.428 min Scan# 1100

Delta R.T. 0.008 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

Instrument :

BNA_G

ClientSampleId :

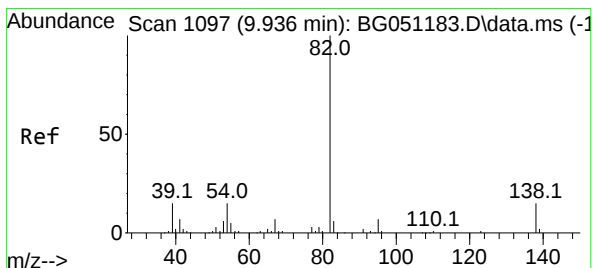
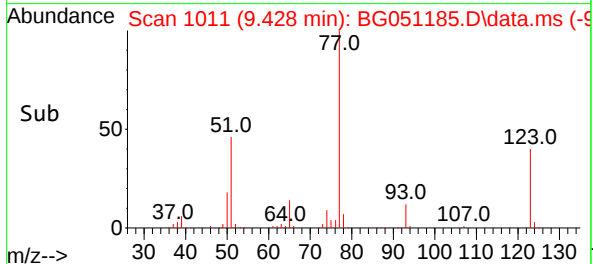
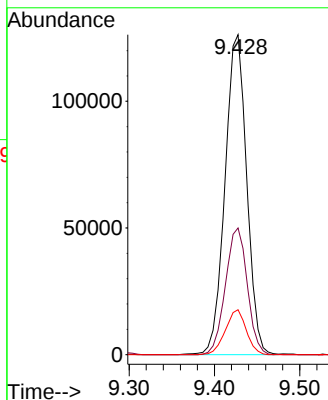
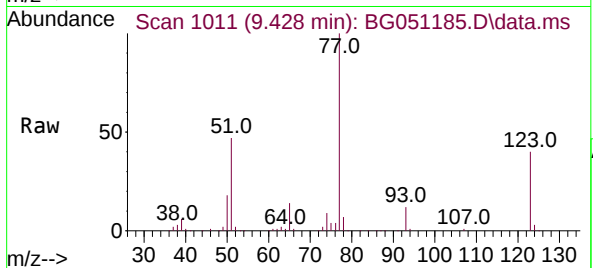
Tgt Ion: 77 Resp: 223690

Ion Ratio Lower Upper

77 100

123 39.6 30.1 45.1

65 14.0 9.6 14.4



#23

Isophorone

Concen: 93.466 ng/ul

RT: 9.951 min Scan# 1100

Delta R.T. 0.014 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

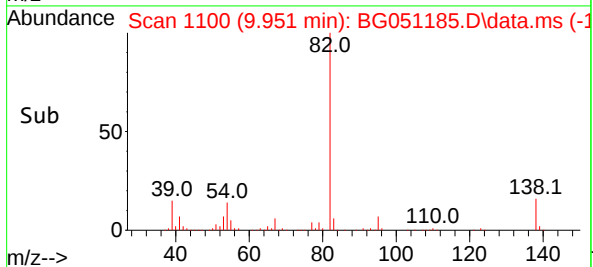
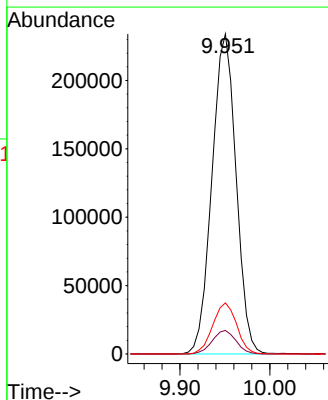
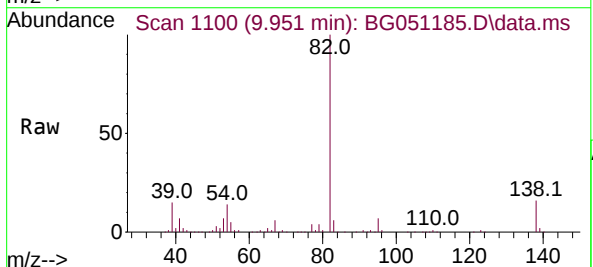
Tgt Ion: 82 Resp: 436176

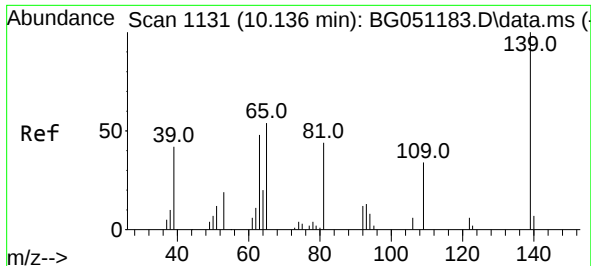
Ion Ratio Lower Upper

82 100

95 7.4 5.6 8.4

138 16.0 11.8 17.8

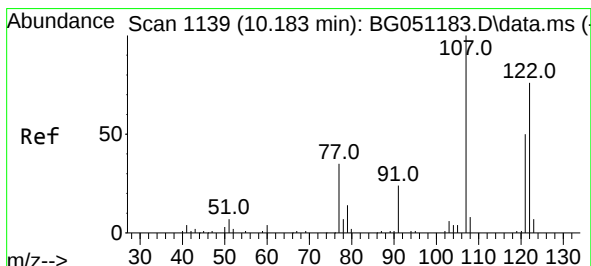
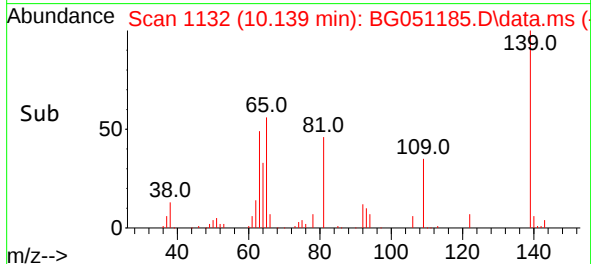
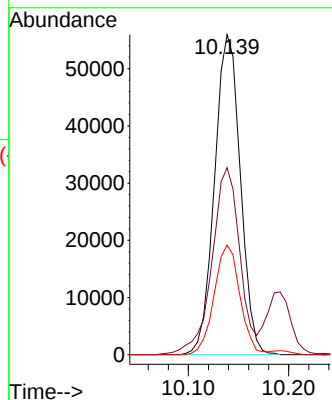
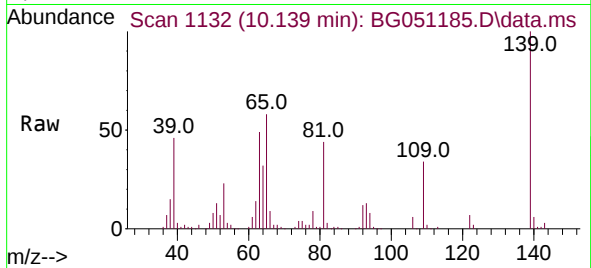




#25
2-Nitrophenol
Concen: 93.380 ng/ul
RT: 10.139 min Scan# 1131
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

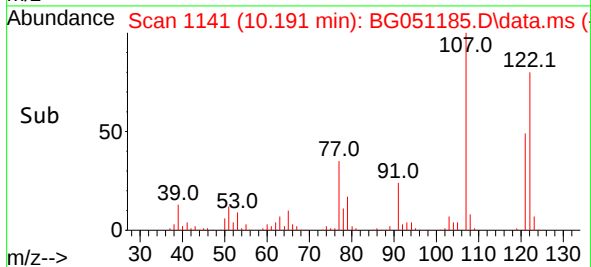
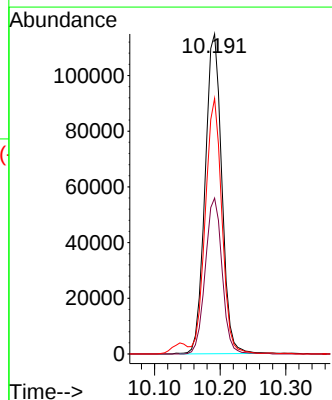
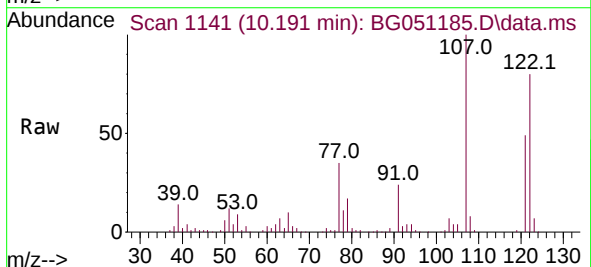
Instrument :
BNA_G
ClientSampleId :

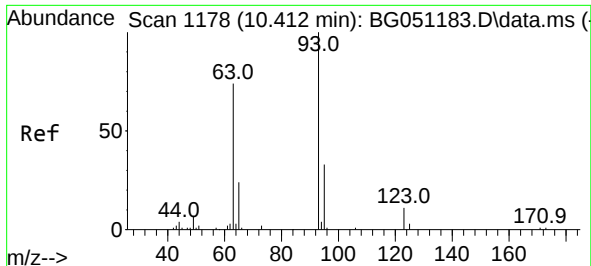
Tgt Ion:139 Resp: 99948
Ion Ratio Lower Upper
139 100
65 58.5 48.0 72.0
109 34.3 28.6 42.8



#26
2,4-Dimethylphenol
Concen: 92.858 ng/ul
RT: 10.191 min Scan# 1141
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:107 Resp: 203205
Ion Ratio Lower Upper
107 100
121 48.7 39.3 58.9
122 79.9 63.7 95.5





#27

Bis(2-Chloroethoxy)methane

Concen: 93.222 ng/ul

RT: 10.421 min Scan# 1178

Delta R.T. 0.008 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

Instrument :

BNA_G

ClientSampleId :

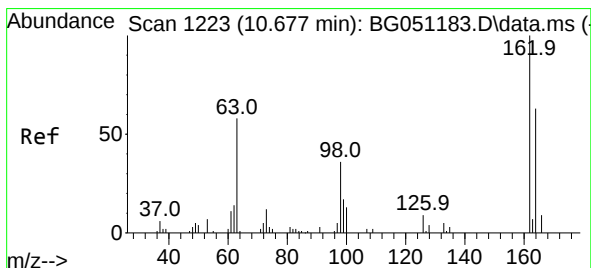
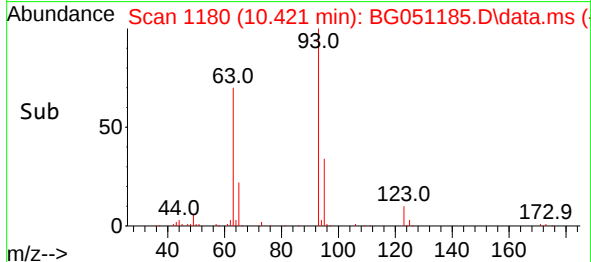
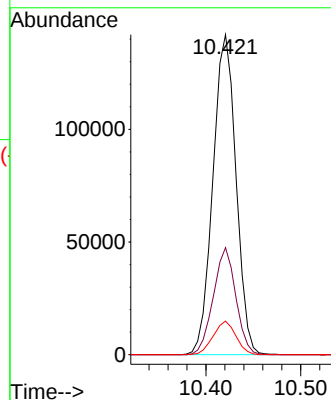
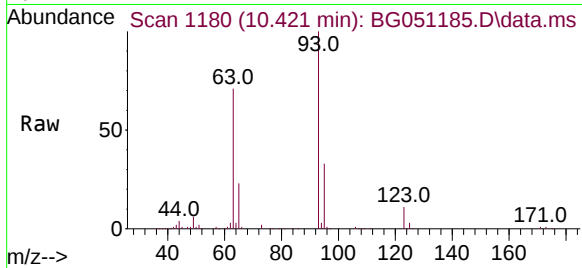
Tgt Ion: 93 Resp: 240165

Ion Ratio Lower Upper

93 100

95 33.5 26.5 39.7

123 10.5 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 93.337 ng/ul

RT: 10.679 min Scan# 1224

Delta R.T. 0.003 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

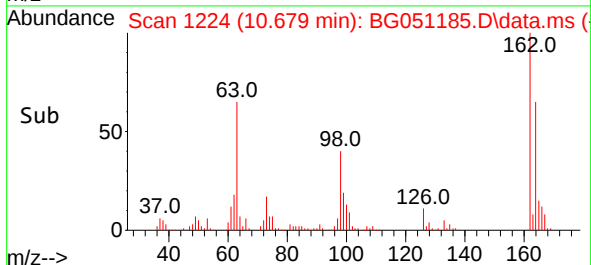
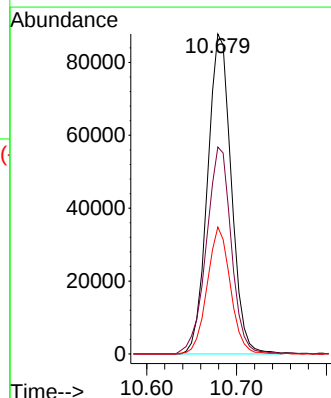
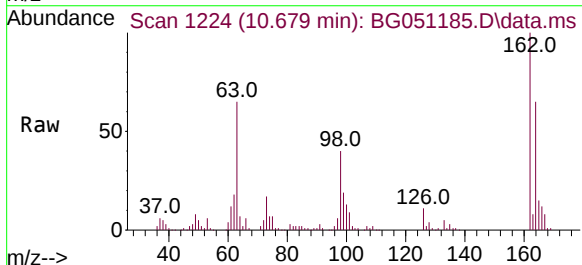
Tgt Ion:162 Resp: 161088

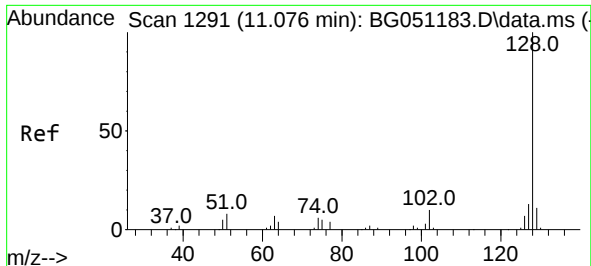
Ion Ratio Lower Upper

162 100

164 64.7 49.4 74.0

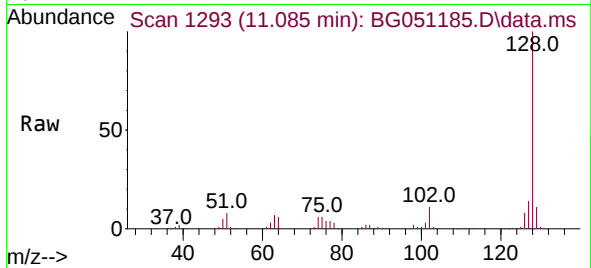
98 39.7 30.4 45.6



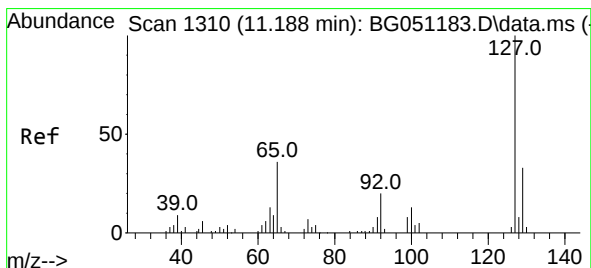
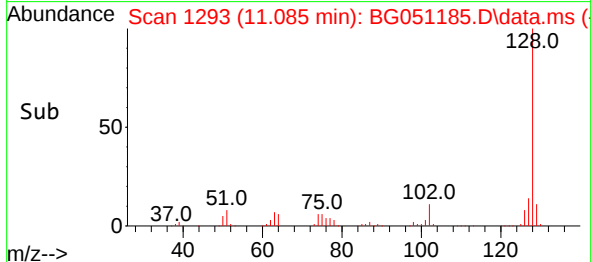
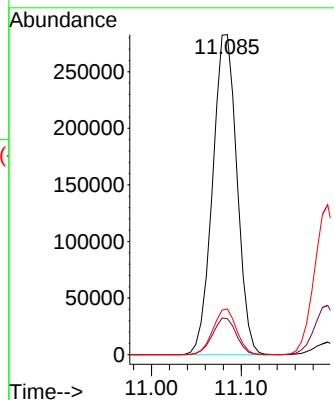


#30
Naphthalene
Concen: 90.169 ng/ul
RT: 11.085 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Instrument :
BNA_G
ClientSampleId :

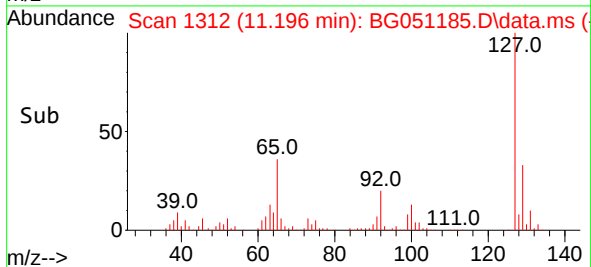
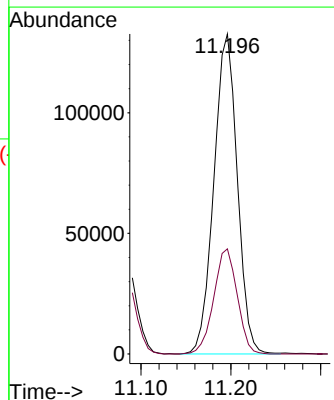
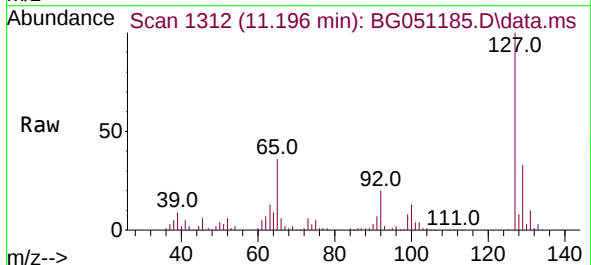


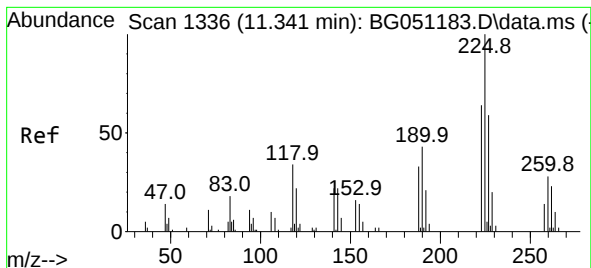
Tgt Ion:128 Resp: 532424
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 14.3 11.8 17.6



#32
4-Chloroaniline
Concen: 93.249 ng/ul
RT: 11.196 min Scan# 1312
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:127 Resp: 240157
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.2





#33

Hexachlorobutadiene

Concen: 90.234 ng/ul

RT: 11.349 min Scan# 11

Delta R.T. 0.008 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

Instrument :

BNA_G

ClientSampleId :

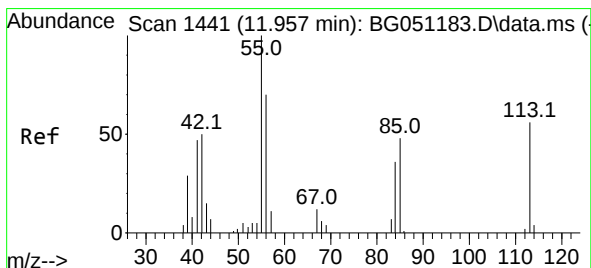
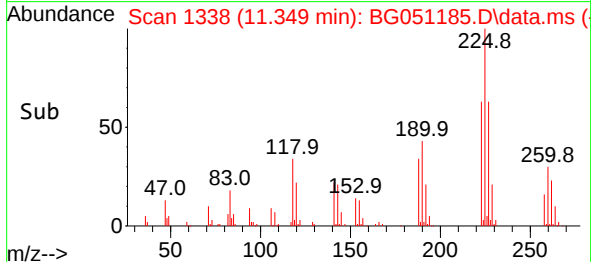
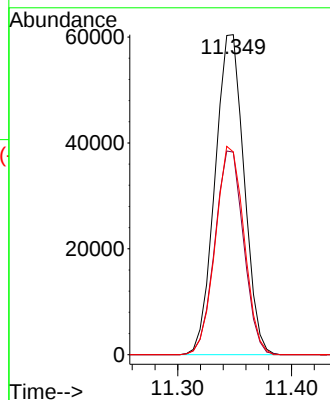
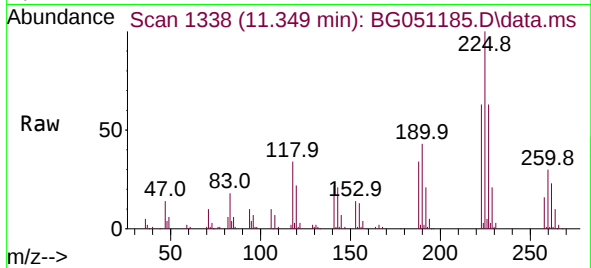
Tgt Ion:225 Resp: 107417

Ion Ratio Lower Upper

225 100

223 63.3 50.6 75.8

227 63.4 49.8 74.8



#34

Caprolactam

Concen: 54.596 ng/ul

RT: 11.983 min Scan# 1446

Delta R.T. 0.026 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

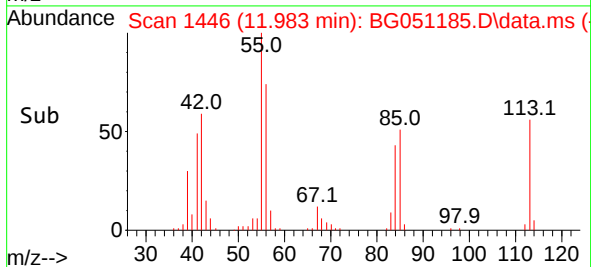
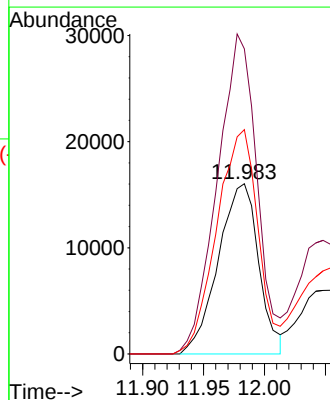
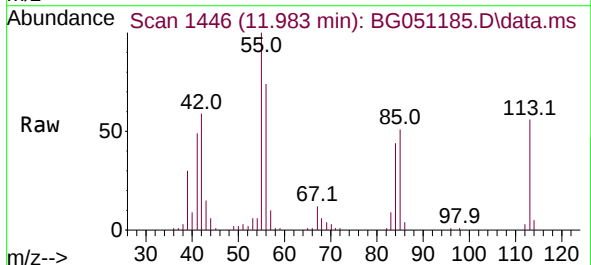
Tgt Ion:113 Resp: 37043

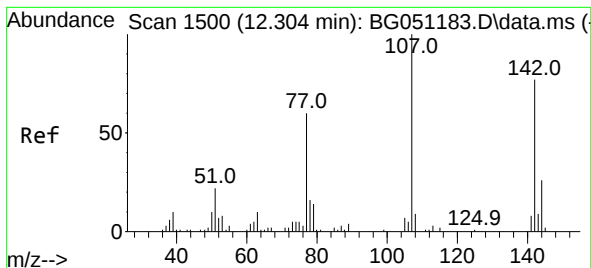
Ion Ratio Lower Upper

113 100

55 179.3 147.0 220.6

56 131.9 109.2 163.8

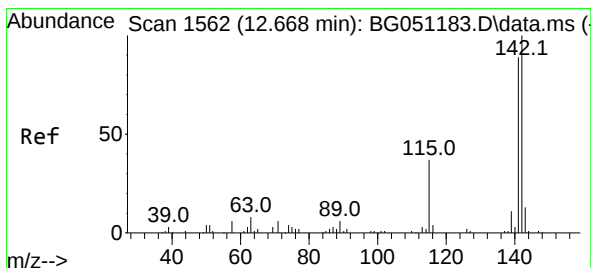
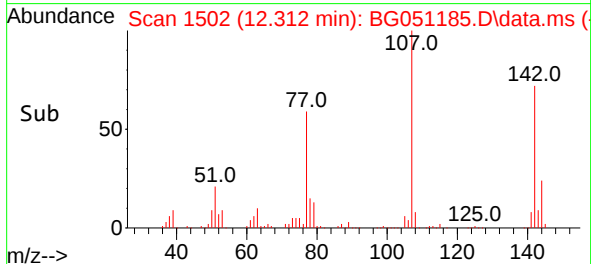
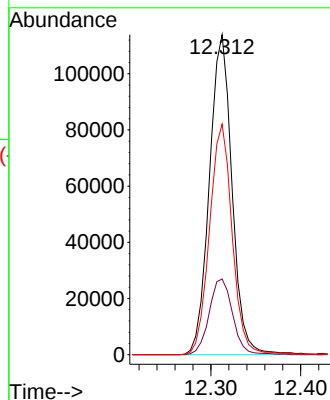
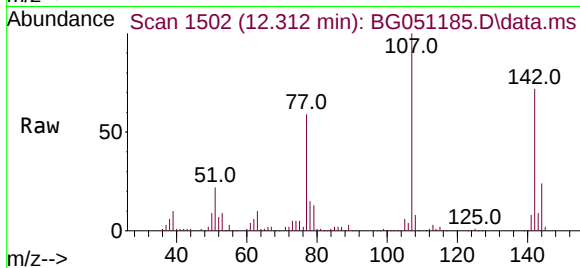




#35
4-Chloro-3-methylphenol
Concen: 95.844 ng/ul
RT: 12.312 min Scan# 1502
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

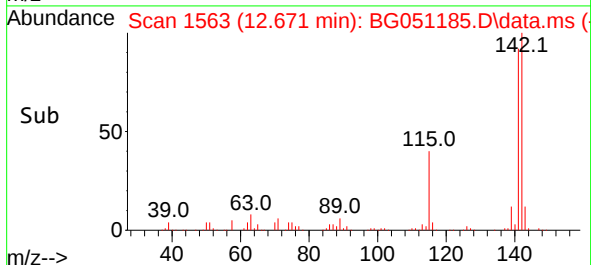
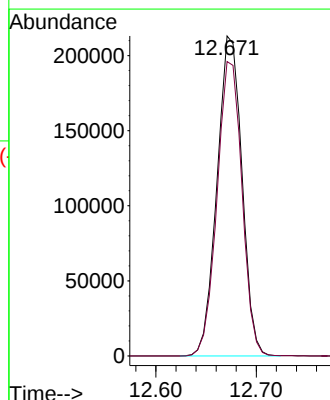
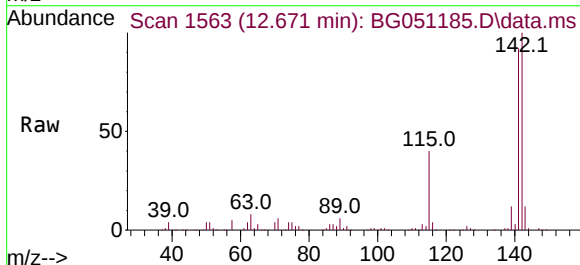
Instrument :
BNA_G
ClientSampleId :

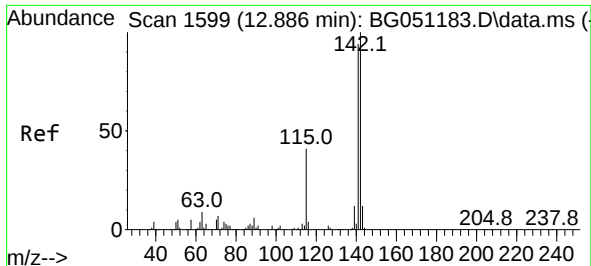
Tgt Ion:107 Resp: 198705
Ion Ratio Lower Upper
107 100
144 23.6 19.8 29.6
142 72.1 56.2 84.4



#36
2-Methylnaphthalene
Concen: 91.342 ng/ul
RT: 12.671 min Scan# 1563
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:142 Resp: 366858
Ion Ratio Lower Upper
142 100
141 92.0 73.3 109.9

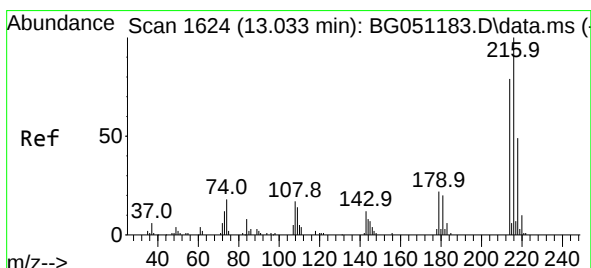
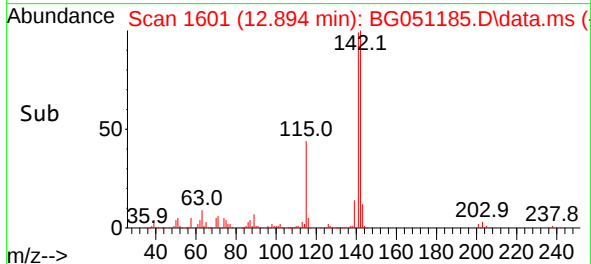
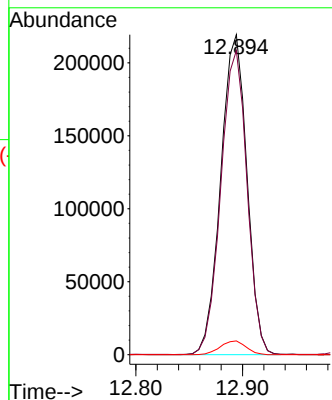
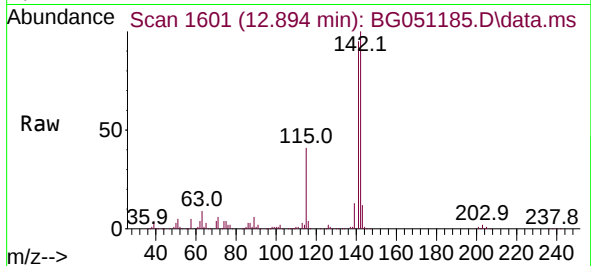




#37
1-Methylnaphthalene
Concen: 90.616 ng/ul
RT: 12.894 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

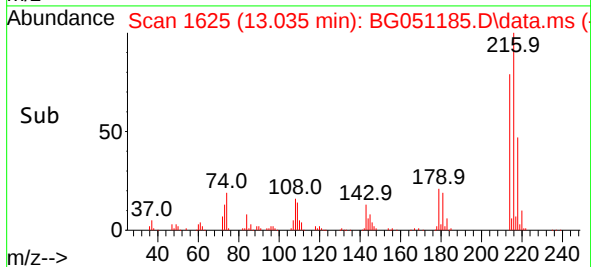
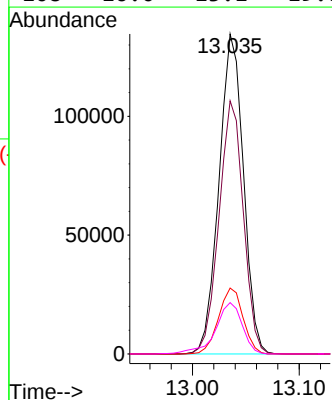
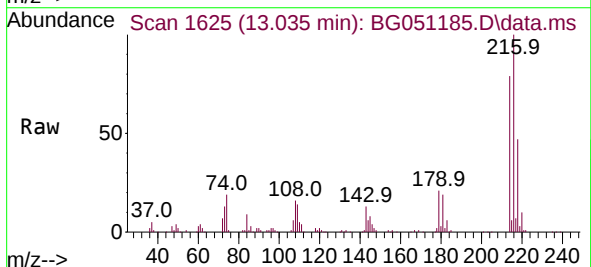
Instrument :
BNA_G
ClientSampleId :

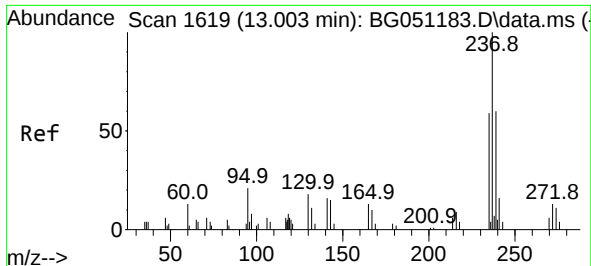
Tgt Ion:142 Resp: 374429
Ion Ratio Lower Upper
142 100
141 95.1 77.8 116.8
116 4.3 3.3 4.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 93.451 ng/ul
RT: 13.035 min Scan# 1625
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:216 Resp: 214150
Ion Ratio Lower Upper
216 100
214 79.1 61.0 91.4
179 20.6 16.2 24.2
108 16.0 13.1 19.7

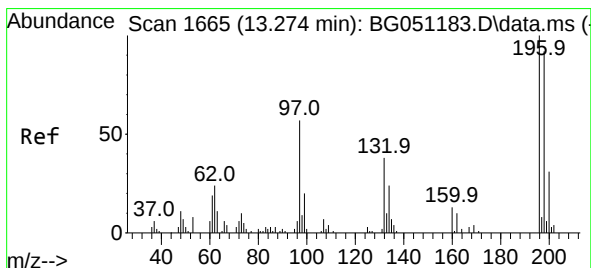
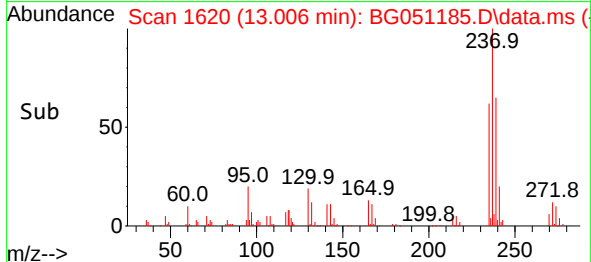
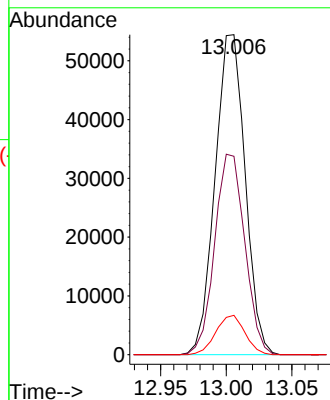
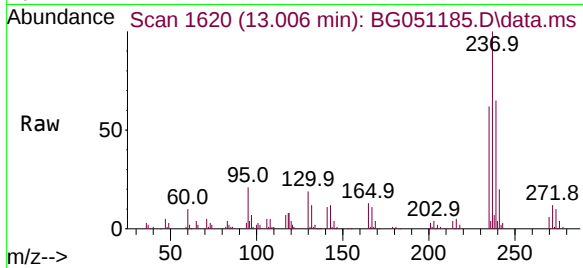




#40
Hexachlorocyclopentadiene
Concen: 93.751 ng/ul
RT: 13.006 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

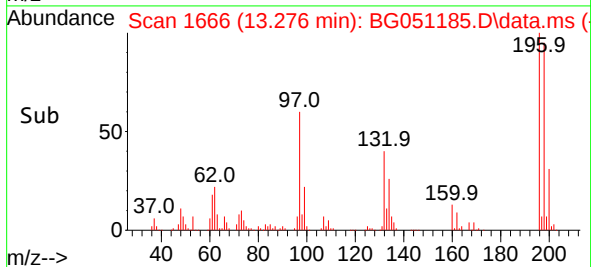
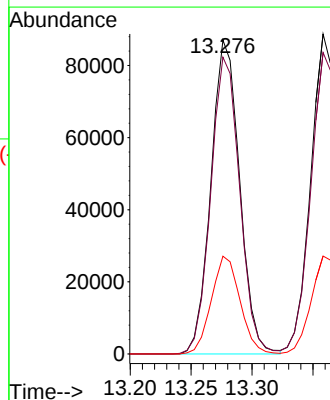
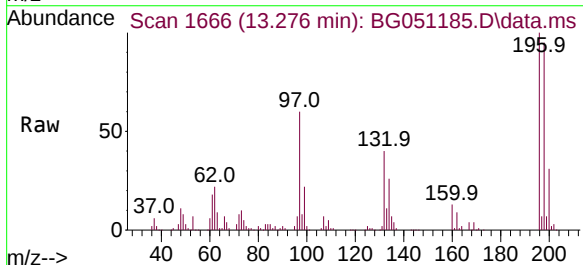
Instrument :
BNA_G
ClientSampleId :

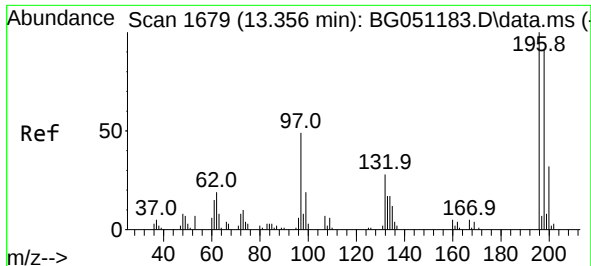
Tgt Ion:237 Resp: 86836
Ion Ratio Lower Upper
237 100
235 62.0 49.4 74.0
272 12.3 11.1 16.7



#41
2,4,6-Trichlorophenol
Concen: 99.178 ng/ul
RT: 13.276 min Scan# 1666
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:196 Resp: 142622
Ion Ratio Lower Upper
196 100
198 94.6 74.3 111.5
200 31.1 23.8 35.6

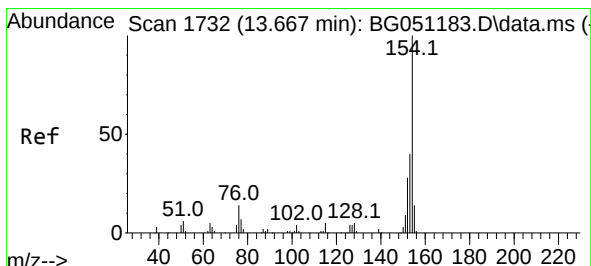
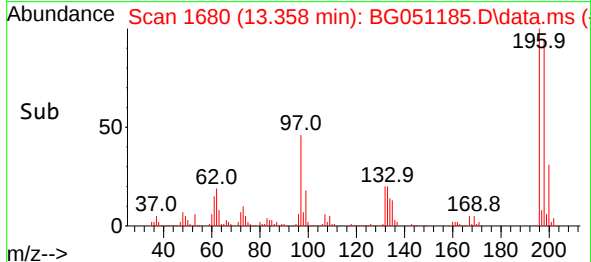
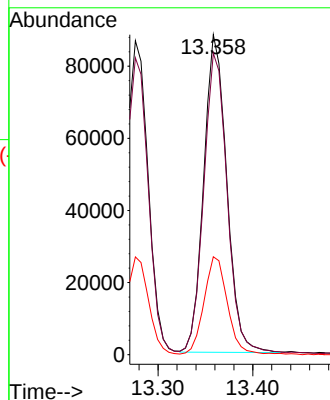
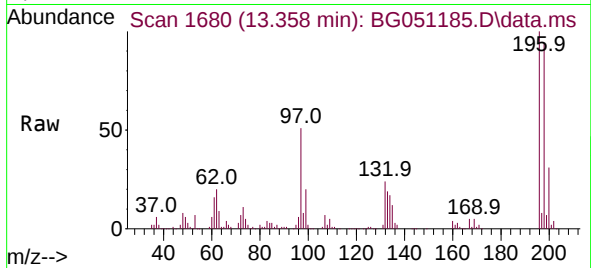




#42
2,4,5-Trichlorophenol
Concen: 98.531 ng/ul
RT: 13.358 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

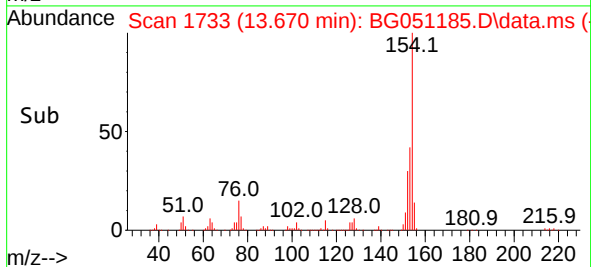
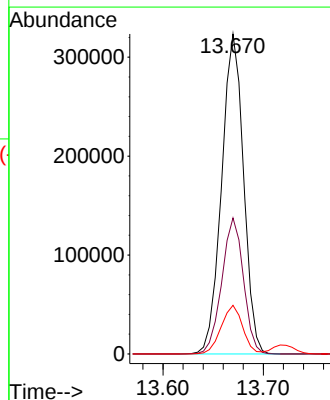
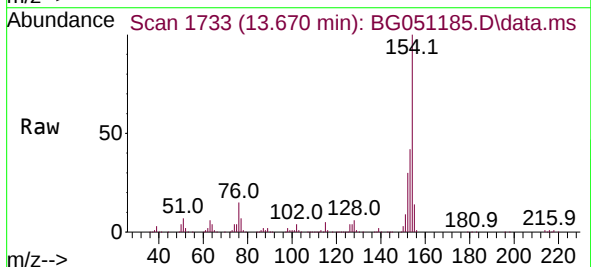
Instrument :
BNA_G
ClientSampleId :

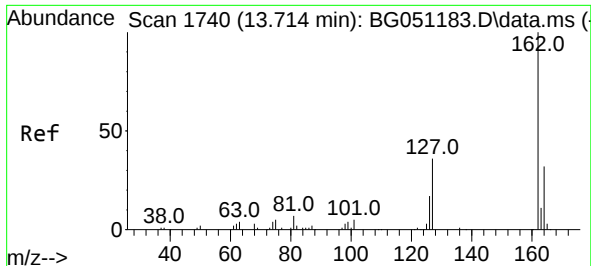
Tgt Ion:196 Resp: 148380
Ion Ratio Lower Upper
196 100
198 94.2 77.0 115.4
200 30.6 25.4 38.2



#43
1,1'-Biphenyl
Concen: 89.930 ng/ul
RT: 13.670 min Scan# 1733
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:154 Resp: 490289
Ion Ratio Lower Upper
154 100
153 42.5 34.5 51.7
76 15.2 13.1 19.7

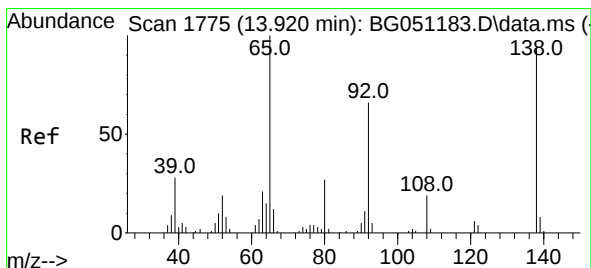
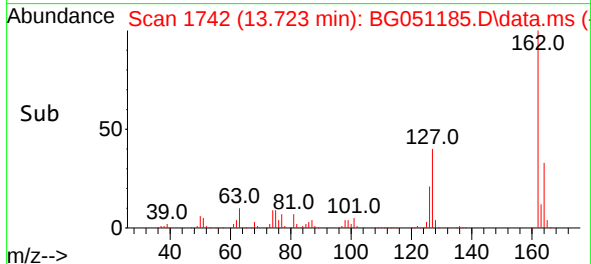
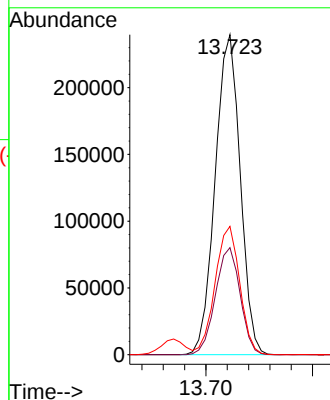
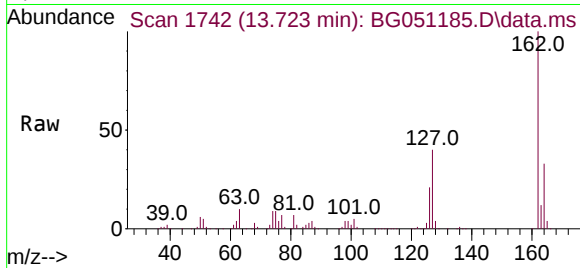




#44
2-Chloronaphthalene
Concen: 90.043 ng/ul
RT: 13.723 min Scan# 1742
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

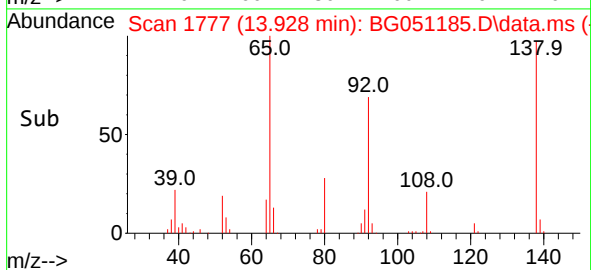
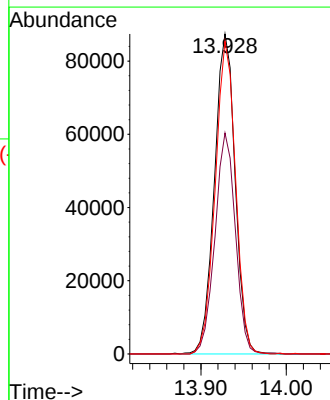
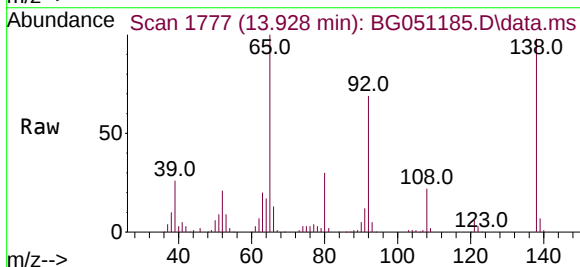
Instrument :
BNA_G
ClientSampleId :

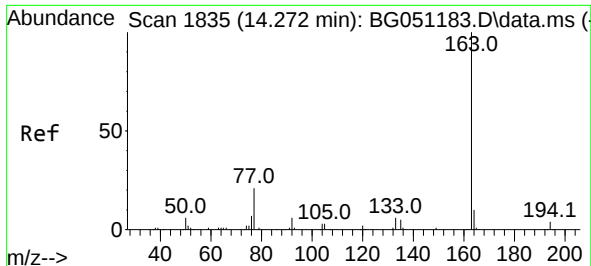
Tgt Ion:162 Resp: 390501
Ion Ratio Lower Upper
162 100
164 33.4 26.1 39.1
127 40.1 31.0 46.4



#45
2-Nitroaniline
Concen: 98.141 ng/ul
RT: 13.928 min Scan# 1777
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion: 65 Resp: 147304
Ion Ratio Lower Upper
65 100
92 69.1 53.0 79.4
138 97.7 67.4 101.0

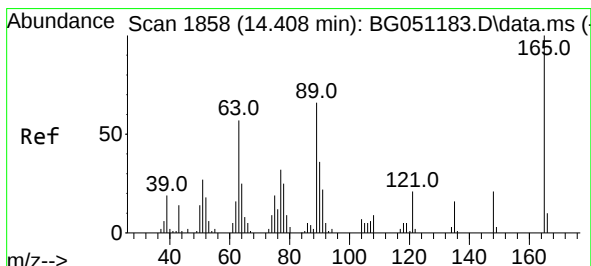
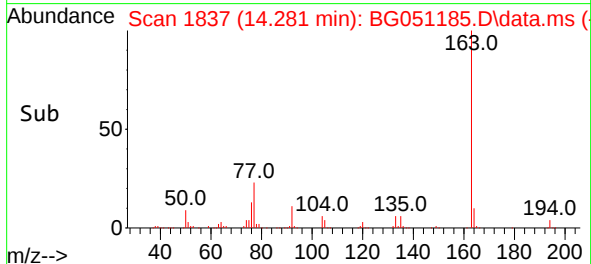
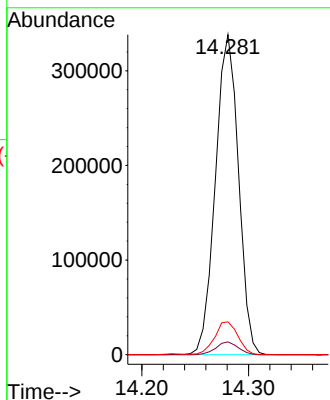
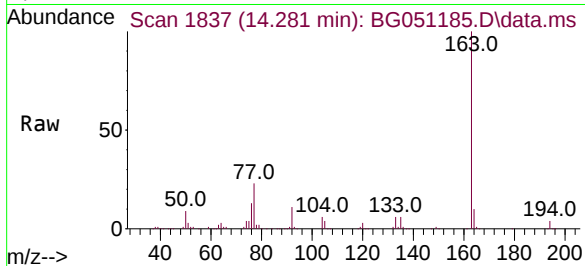




#47
Dimethylphthalate
Concen: 89.300 ng/ul
RT: 14.281 min Scan# 1837
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

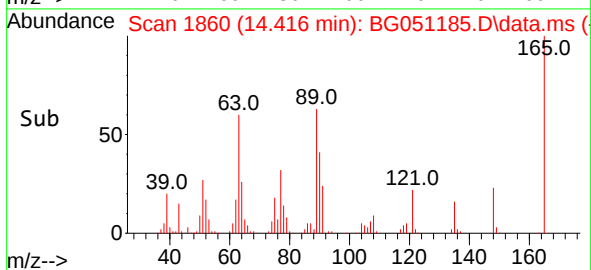
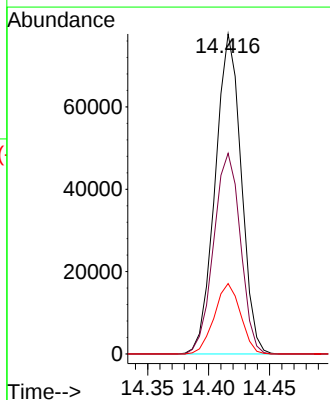
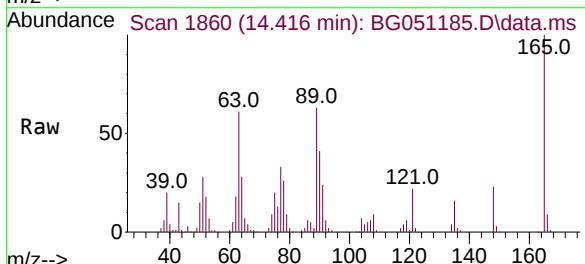
Instrument :
BNA_G
ClientSampleId :

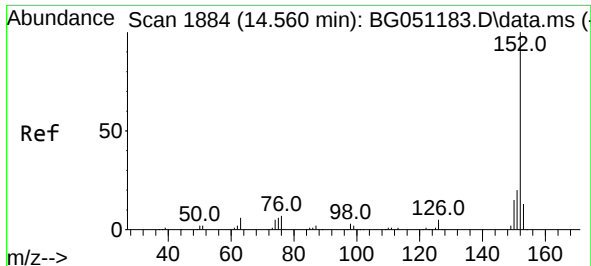
Tgt Ion:163 Resp: 507671
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 96.712 ng/ul
RT: 14.416 min Scan# 1860
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

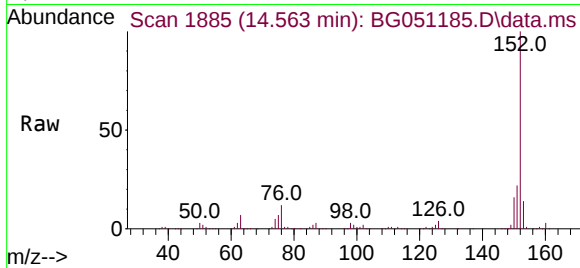
Tgt Ion:165 Resp: 115490
Ion Ratio Lower Upper
165 100
89 62.7 57.4 86.0
121 22.0 18.8 28.2



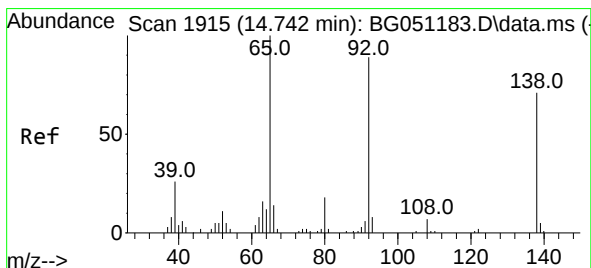
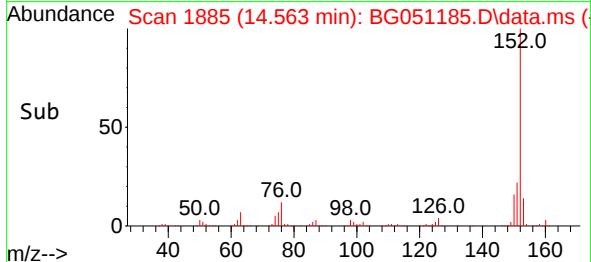
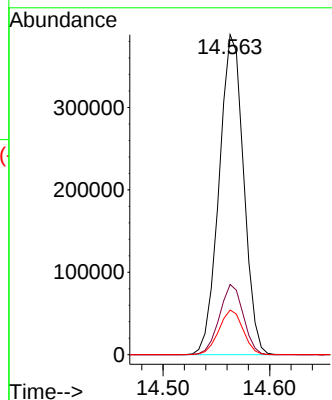


#50
Acenaphthylene
Concen: 88.511 ng/ul
RT: 14.563 min Scan# 1885
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Instrument :
BNA_G
ClientSampleId :

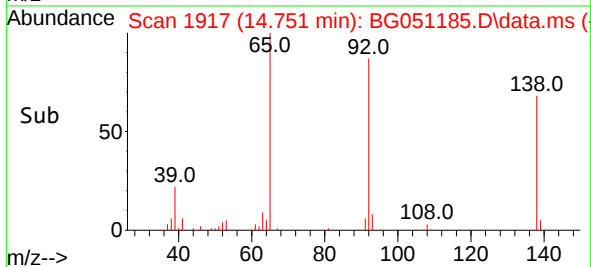
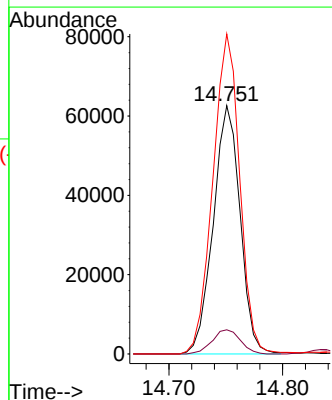
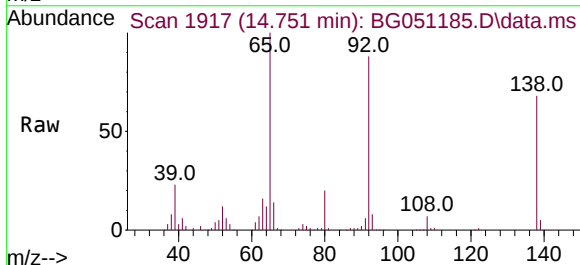


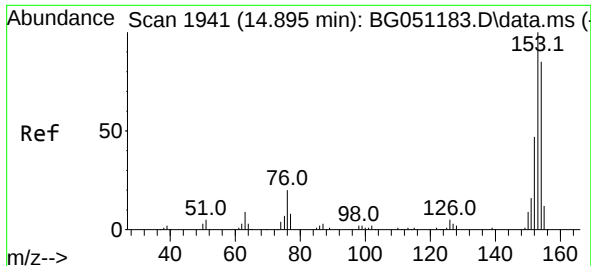
Tgt Ion:152 Resp: 619326
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.0
153 14.0 10.3 15.5



#51
3-Nitroaniline
Concen: 87.099 ng/ul
RT: 14.751 min Scan# 1917
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:138 Resp: 102810
Ion Ratio Lower Upper
138 100
108 9.8 8.8 13.2
92 128.9 98.0 147.0

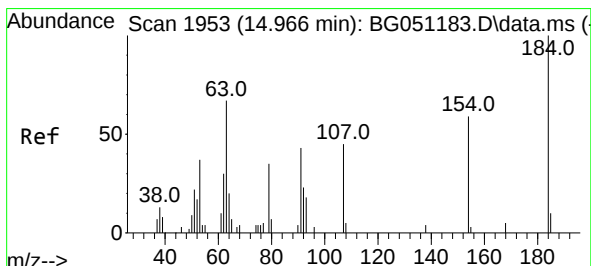
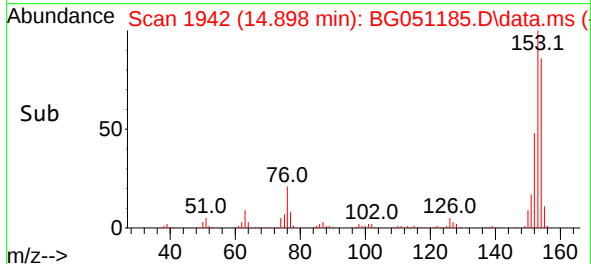
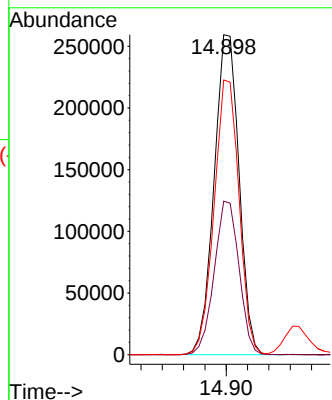
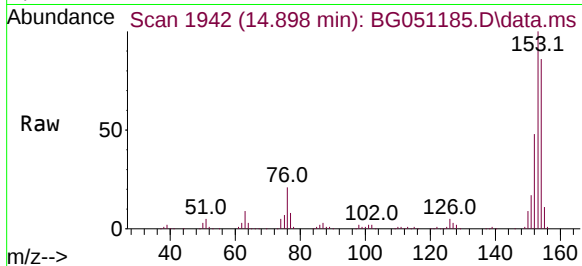




#52
Acenaphthene
Concen: 91.228 ng/ul
RT: 14.898 min Scan# 1942
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

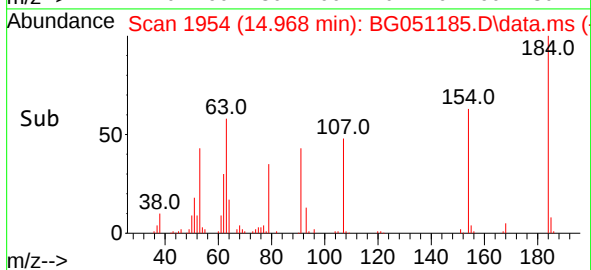
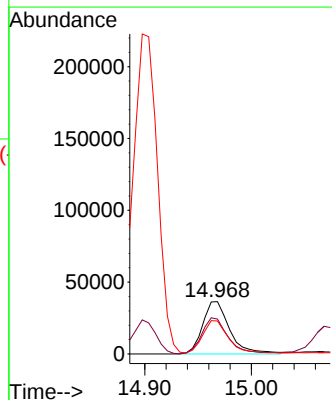
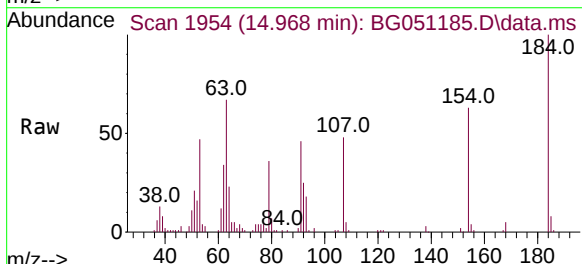
Instrument :
BNA_G
ClientSampleId :

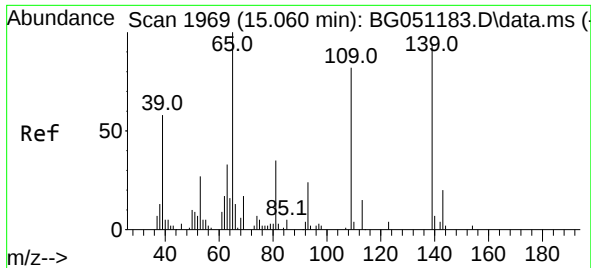
Tgt Ion:153 Resp: 420979
Ion Ratio Lower Upper
153 100
152 47.9 36.5 54.7
154 85.9 65.8 98.6



#53
2,4-Dinitrophenol
Concen: 97.583 ng/ul
RT: 14.968 min Scan# 1954
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:184 Resp: 64411
Ion Ratio Lower Upper
184 100
63 66.9 66.2 99.2
154 63.0 53.6 80.4

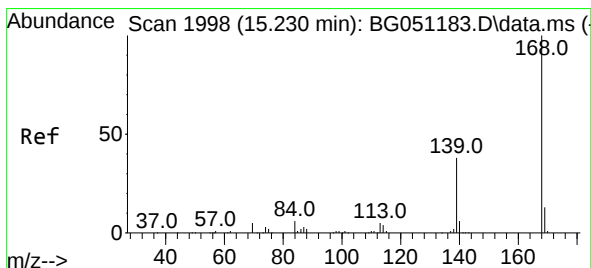
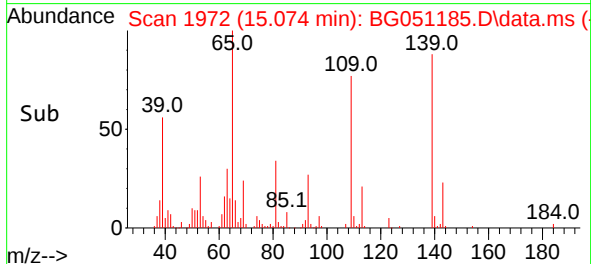
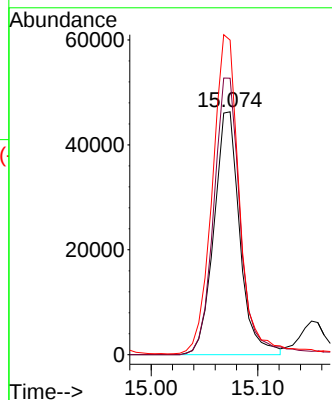
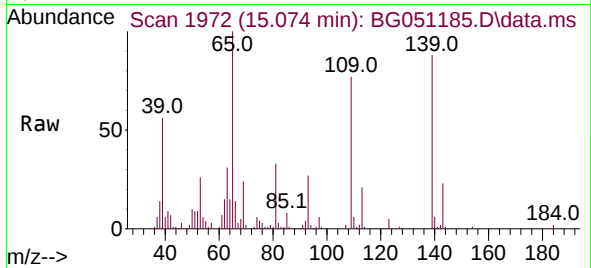




#55
4-Nitrophenol
Concen: 98.745 ng/ul
RT: 15.074 min Scan# 1972
Delta R.T. 0.014 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

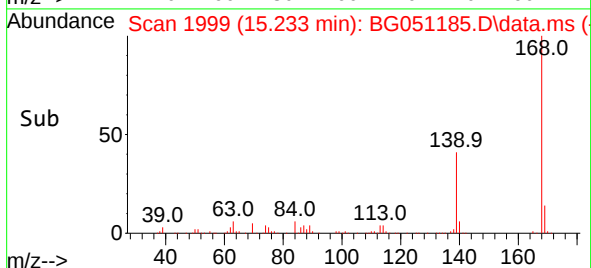
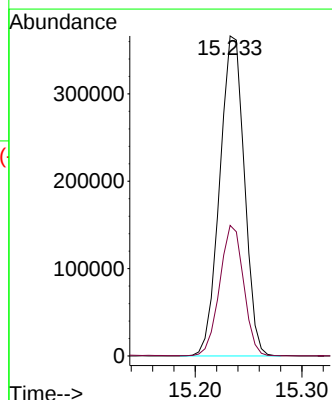
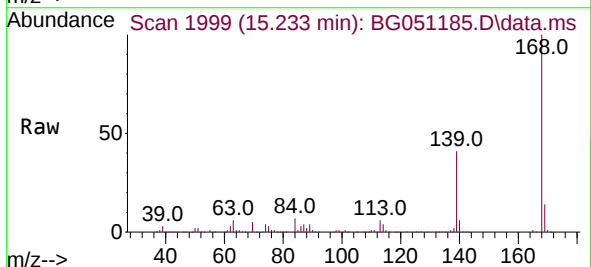
Instrument :
BNA_G
ClientSampleId :

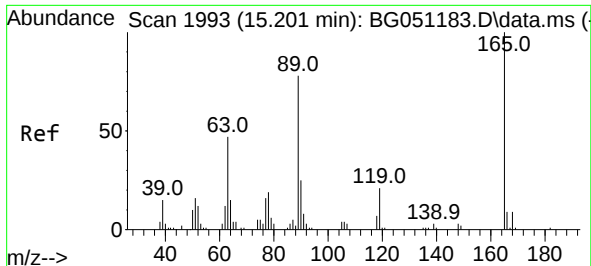
Tgt Ion:109 Resp: 77875
Ion Ratio Lower Upper
109 100
139 113.8 88.7 133.1
65 129.5 113.6 170.4



#56
Dibenzofuran
Concen: 88.218 ng/ul
RT: 15.233 min Scan# 1999
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:168 Resp: 587184
Ion Ratio Lower Upper
168 100
139 40.8 31.2 46.8





#57

2,4-Dinitrotoluene

Concen: 95.003 ng/ul

RT: 15.209 min Scan# 1995

Delta R.T. 0.008 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

Instrument :

BNA_G

ClientSampleId :

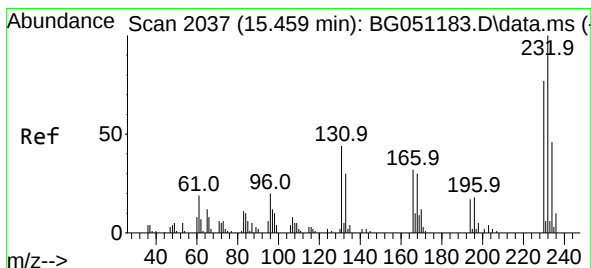
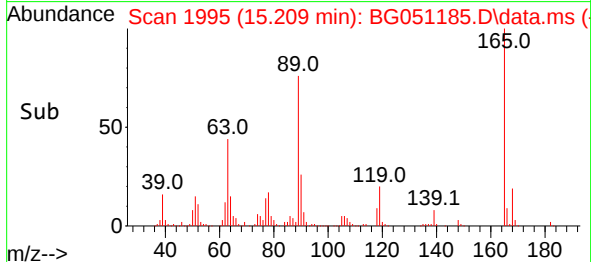
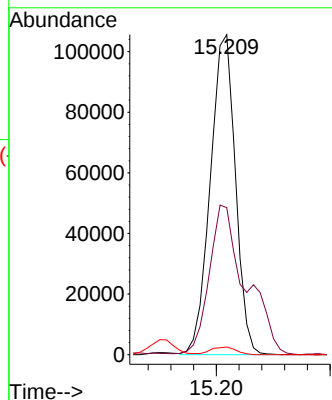
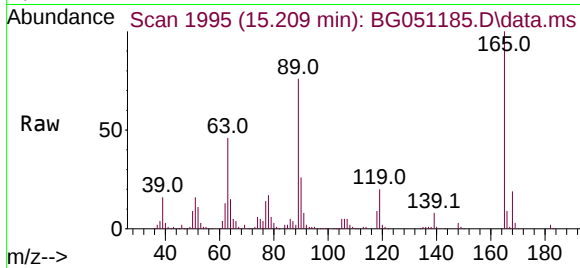
Tgt Ion:165 Resp: 162036

Ion Ratio Lower Upper

165 100

63 46.0 42.1 63.1

182 2.4 1.8 2.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 104.022 ng/ul

RT: 15.462 min Scan# 2038

Delta R.T. 0.003 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

Tgt Ion:232 Resp: 123011

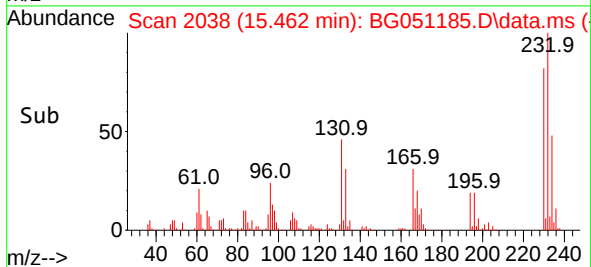
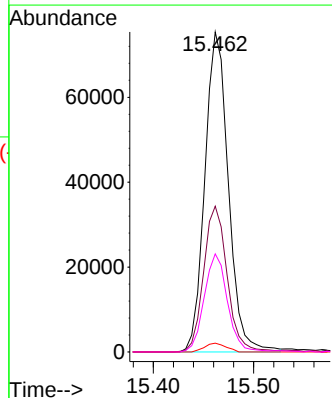
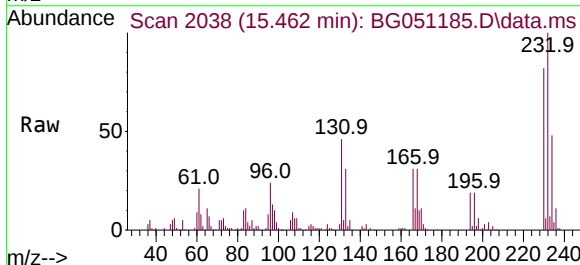
Ion Ratio Lower Upper

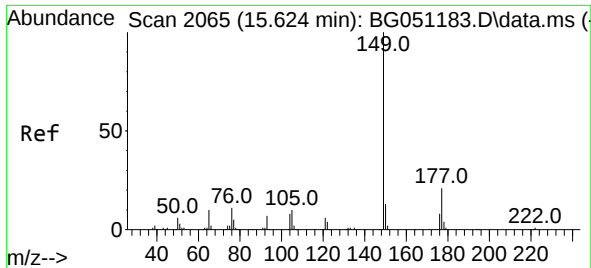
232 100

131 45.5 38.9 58.3

130 2.8 2.4 3.6

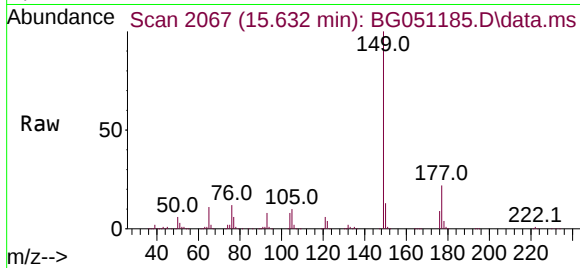
166 30.7 25.8 38.8



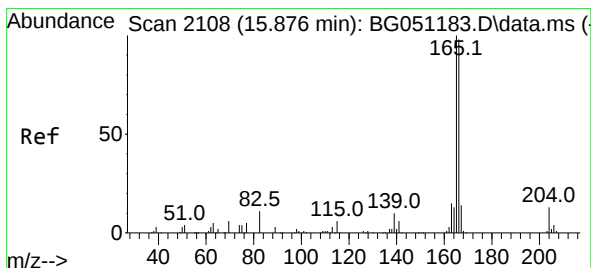
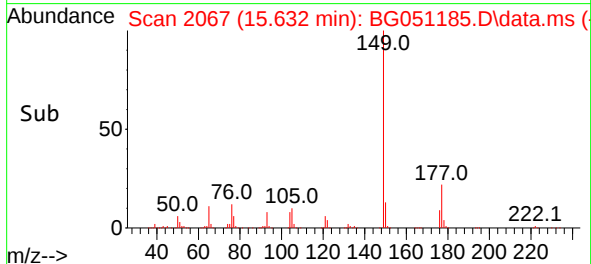
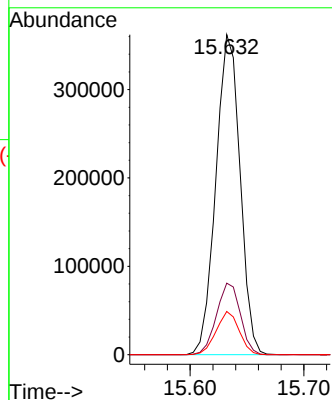


#59
Diethylphthalate
Concen: 89.692 ng/ul
RT: 15.632 min Scan# 2067
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Instrument :
BNA_G
ClientSampleId :

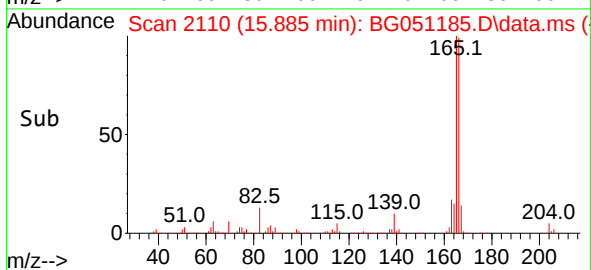
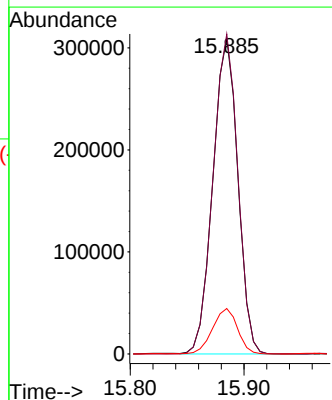
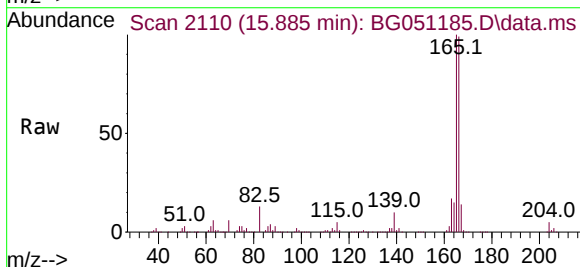


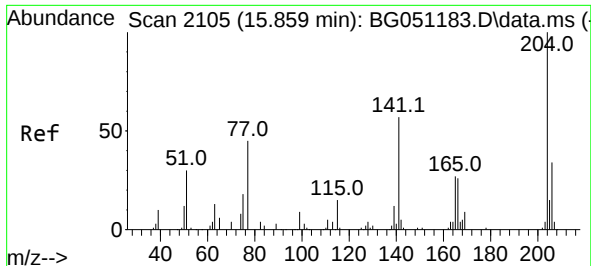
Tgt Ion:149 Resp: 535227
Ion Ratio Lower Upper
149 100
177 22.3 16.8 25.2
150 13.5 10.1 15.1



#61
Fluorene
Concen: 88.556 ng/ul
RT: 15.885 min Scan# 2110
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:166 Resp: 472137
Ion Ratio Lower Upper
166 100
165 101.4 81.0 121.6
167 14.4 11.0 16.4





#62

4-Chlorophenyl-phenylether

Concen: 89.201 ng/ul

RT: 15.867 min Scan# 2107

Delta R.T. 0.008 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

Instrument :

BNA_G

ClientSampleId :

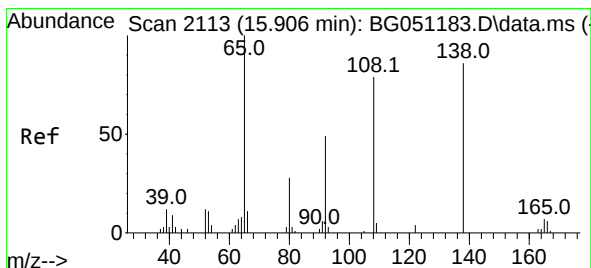
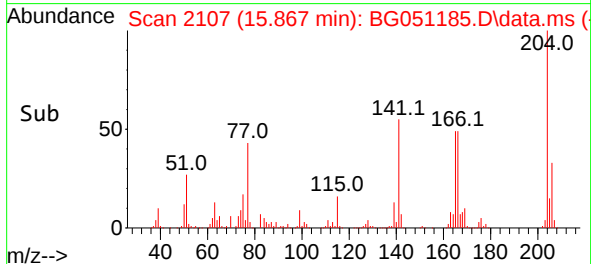
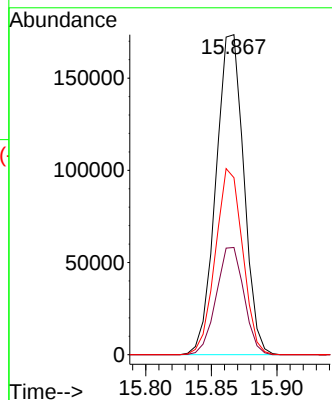
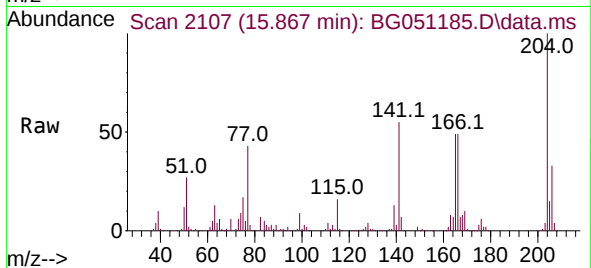
Tgt Ion:204 Resp: 256295

Ion Ratio Lower Upper

204 100

206 33.5 27.4 41.2

141 55.3 48.6 73.0



#63

4-Nitroaniline

Concen: 85.417 ng/ul

RT: 15.920 min Scan# 2116

Delta R.T. 0.014 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

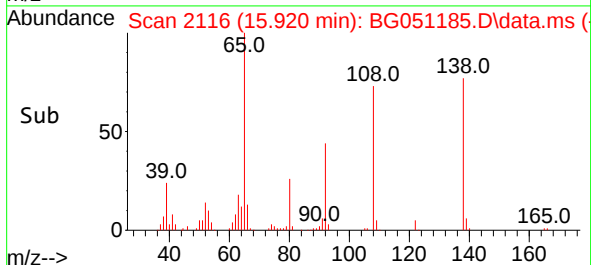
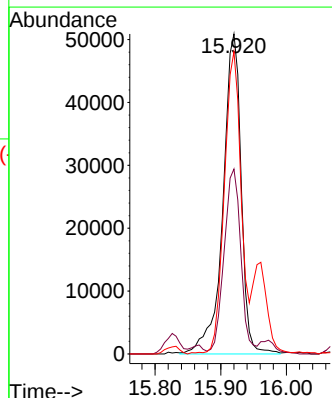
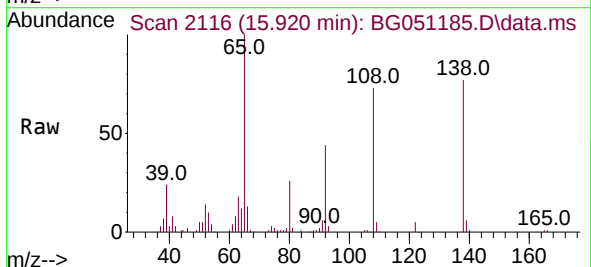
Tgt Ion:138 Resp: 98117

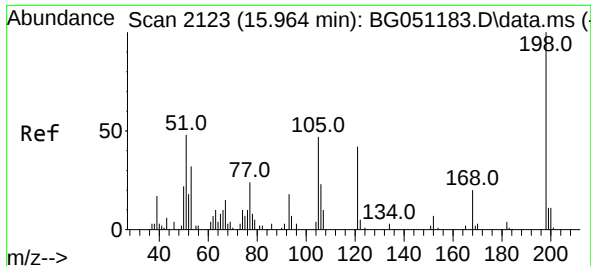
Ion Ratio Lower Upper

138 100

92 57.8 49.3 73.9

108 94.5 72.6 108.8

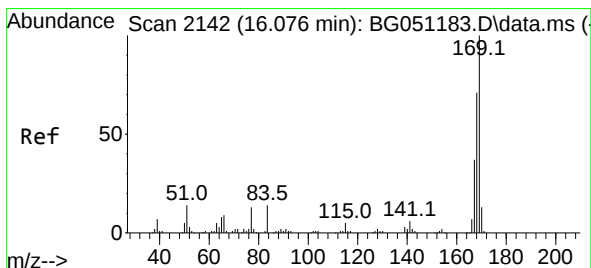
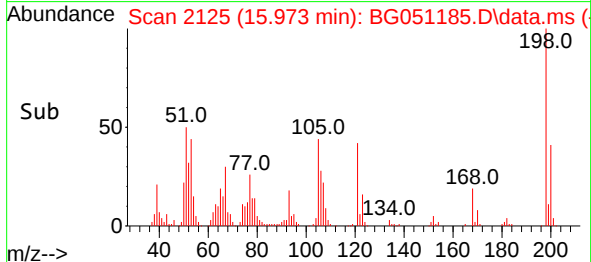
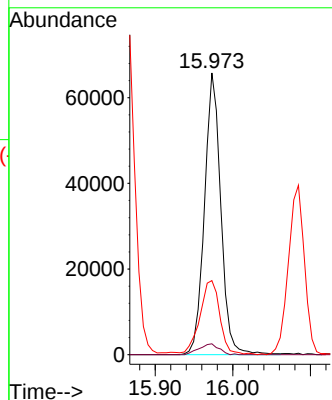
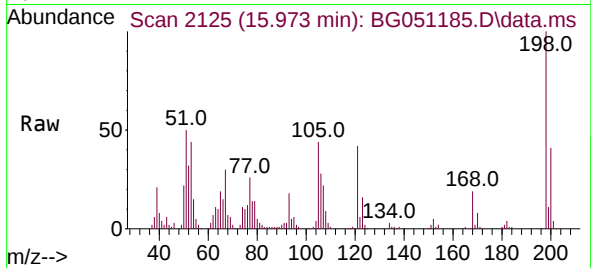




#66
 4,6-Dinitro-2-methylphenol
 Concen: 98.524 ng/ul
 RT: 15.973 min Scan# 2123
 Delta R.T. 0.008 min
 Lab File: BG051185.D
 Acq: 23 Nov 2021 13:37

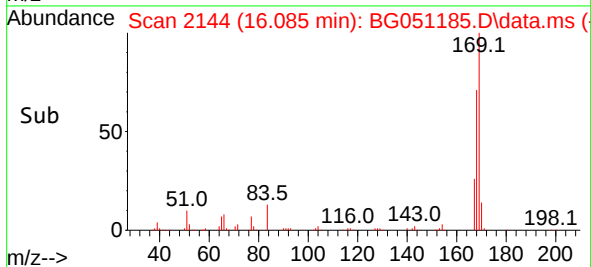
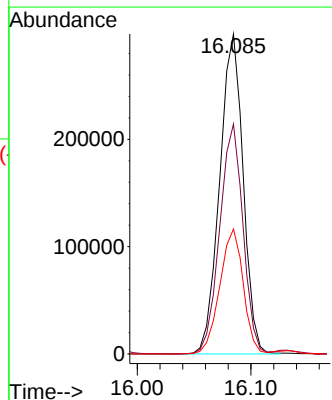
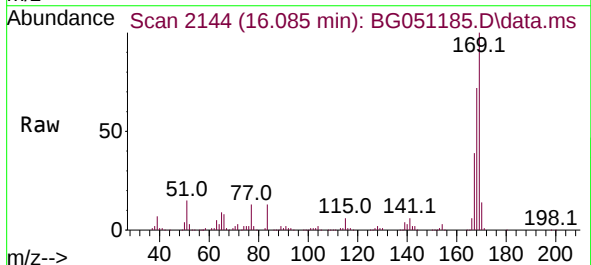
Instrument :
 BNA_G
 ClientSampleId :

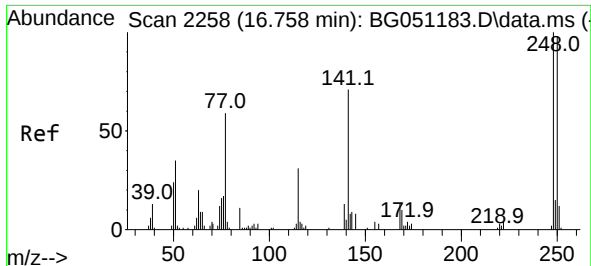
Tgt Ion:198 Resp: 96678
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.8 5.8
 77 26.3 23.2 34.8



#67
 N-Nitrosodiphenylamine
 Concen: 90.511 ng/ul
 RT: 16.085 min Scan# 2144
 Delta R.T. 0.008 min
 Lab File: BG051185.D
 Acq: 23 Nov 2021 13:37

Tgt Ion:169 Resp: 427250
 Ion Ratio Lower Upper
 169 100
 168 71.9 58.5 87.7
 167 39.1 31.3 46.9

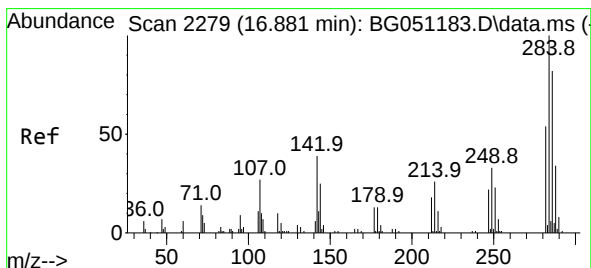
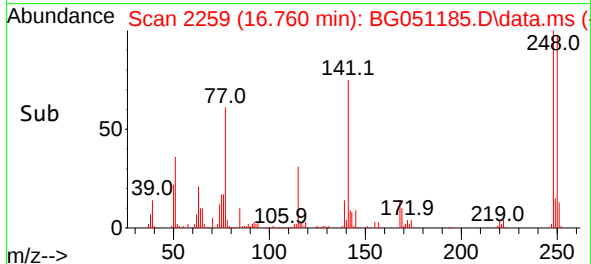
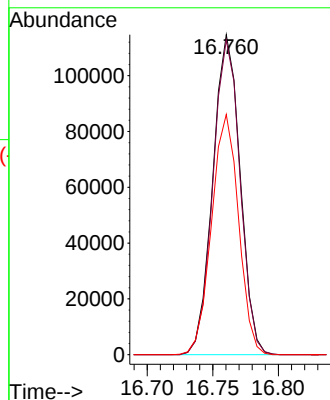
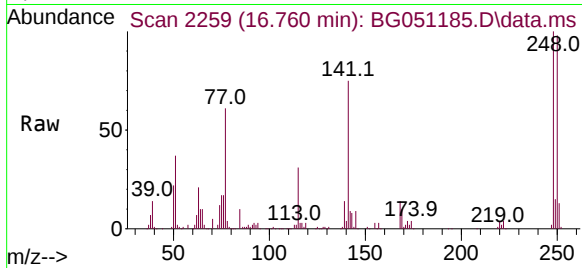




#68
4-Bromophenyl-phenylether
Concen: 93.809 ng/ul
RT: 16.760 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

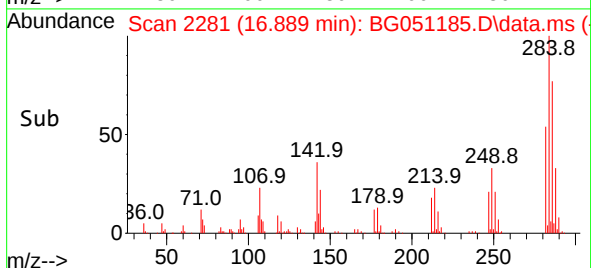
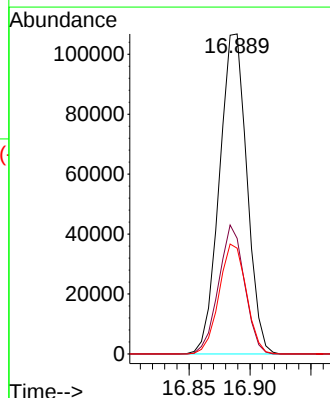
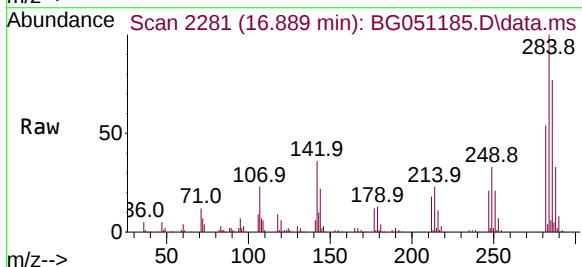
Instrument :
BNA_G
ClientSampleId :

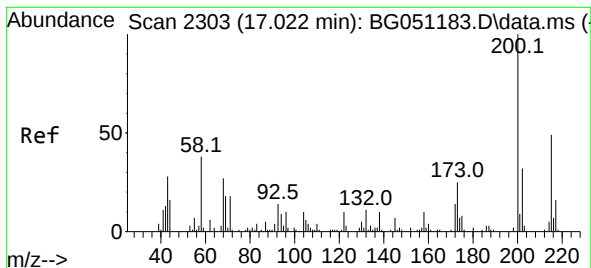
Tgt Ion:248 Resp: 165781
Ion Ratio Lower Upper
248 100
250 98.3 75.5 113.3
141 75.0 67.6 101.4



#69
Hexachlorobenzene
Concen: 93.068 ng/ul
RT: 16.889 min Scan# 2281
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:284 Resp: 167706
Ion Ratio Lower Upper
284 100
142 36.1 31.9 47.9
249 33.1 25.8 38.6





#70

Atrazine

Concen: 91.324 ng/ul

RT: 17.030 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

Instrument :

BNA_G

ClientSampleId :

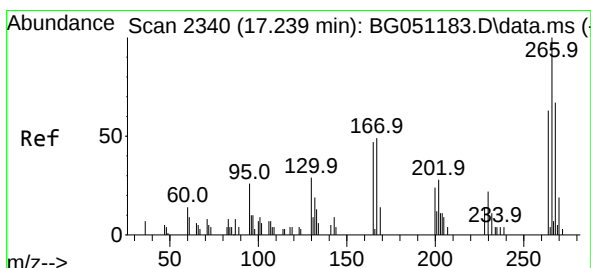
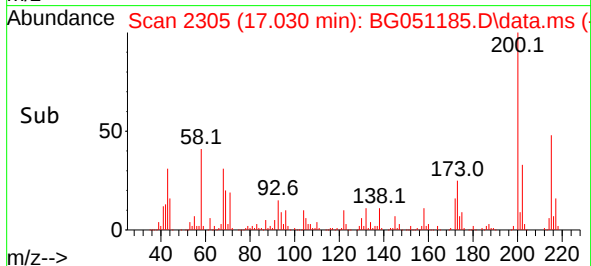
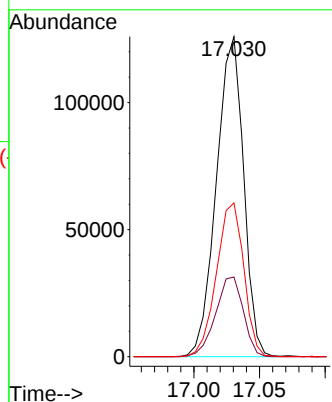
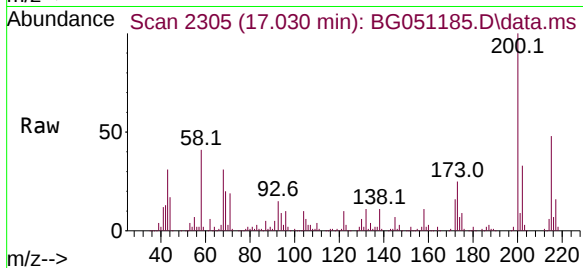
Tgt Ion:200 Resp: 181173

Ion Ratio Lower Upper

200 100

173 24.9 20.2 30.2

215 48.1 38.1 57.1



#71

Pentachlorophenol

Concen: 101.929 ng/ul

RT: 17.236 min Scan# 2340

Delta R.T. -0.003 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

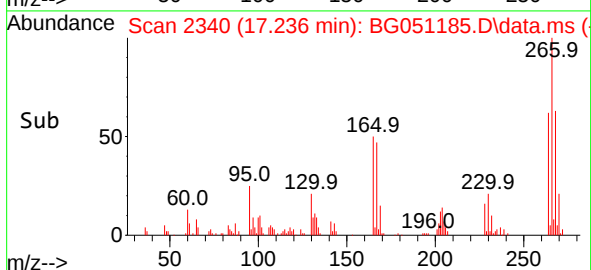
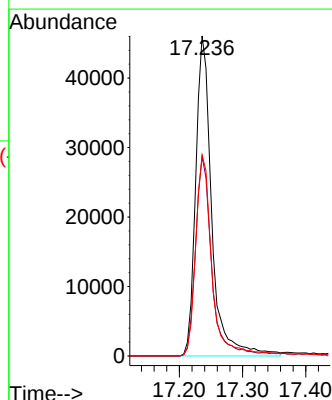
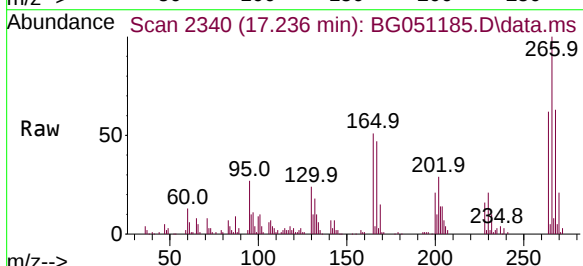
Tgt Ion:266 Resp: 81388

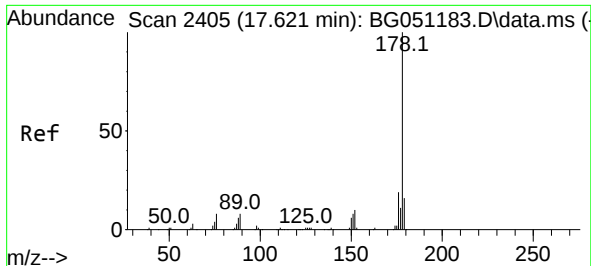
Ion Ratio Lower Upper

266 100

264 62.3 54.3 81.5

268 62.8 51.0 76.6

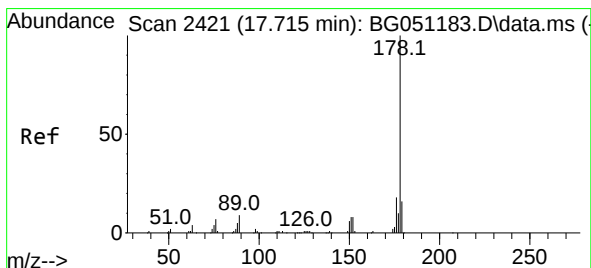
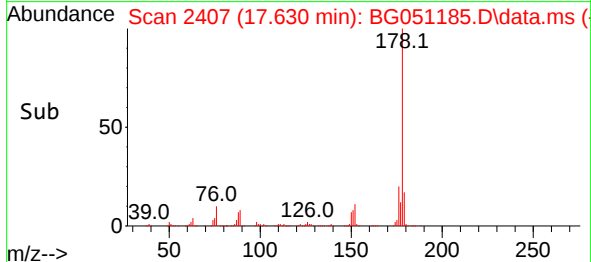
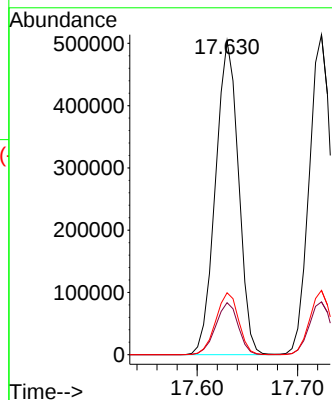
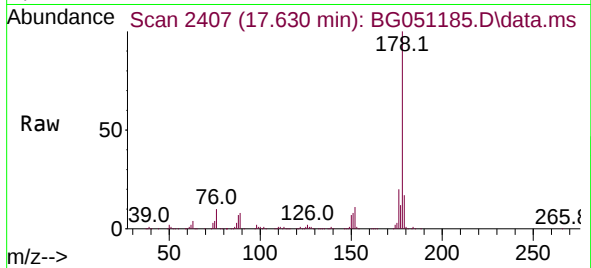




#72
Phenanthrene
Concen: 88.088 ng/u1
RT: 17.630 min Scan# 2407
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

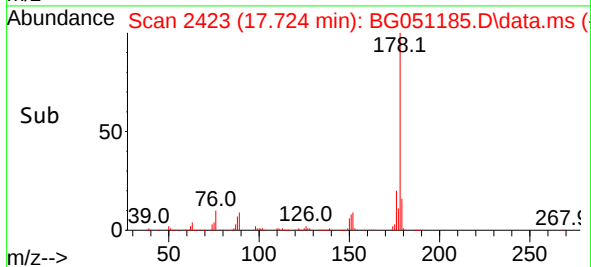
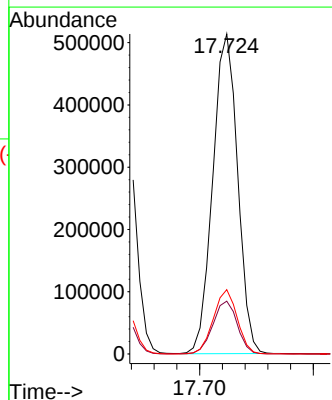
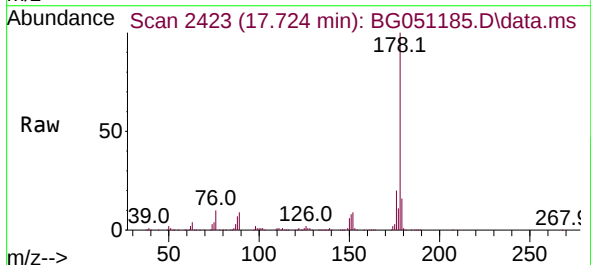
Instrument :
BNA_G
ClientSampleId :

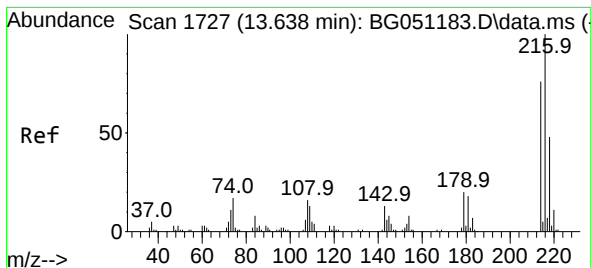
Tgt Ion:178 Resp: 801968
Ion Ratio Lower Upper
178 100
179 16.5 12.3 18.5
176 19.7 15.5 23.3



#74
Anthracene
Concen: 86.177 ng/u1
RT: 17.724 min Scan# 2423
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:178 Resp: 779196
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 20.1 15.6 23.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 94.946 ng/uL

RT: 13.640 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

Instrument :

BNA_G

ClientSampleId :

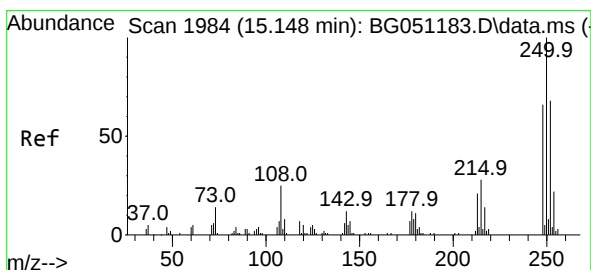
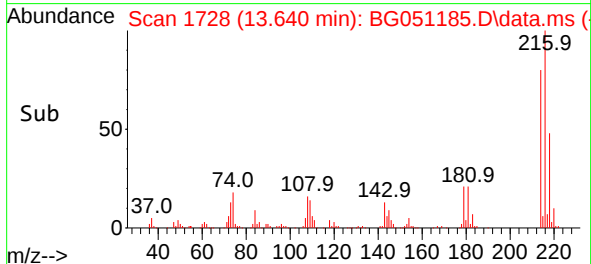
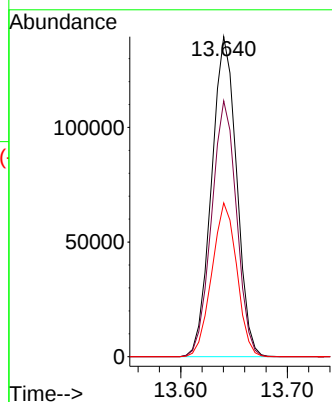
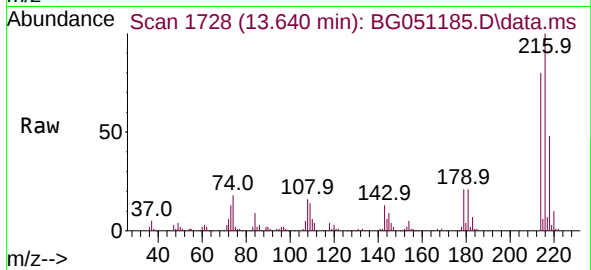
Tgt Ion:216 Resp: 228354

Ion Ratio Lower Upper

216 100

214 80.0 61.3 91.9

218 48.1 37.0 55.6



#76

Pentachlorobenzene

Concen: 93.521 ng/uL

RT: 15.156 min Scan# 1986

Delta R.T. 0.008 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

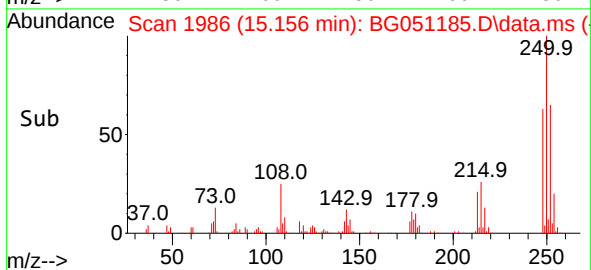
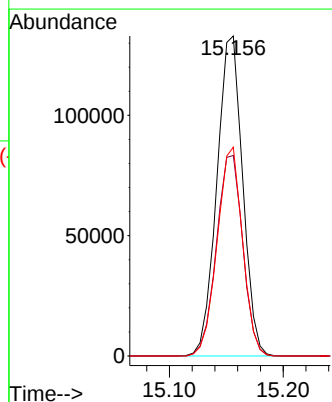
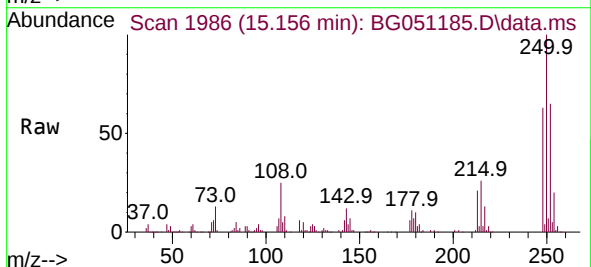
Tgt Ion:250 Resp: 209576

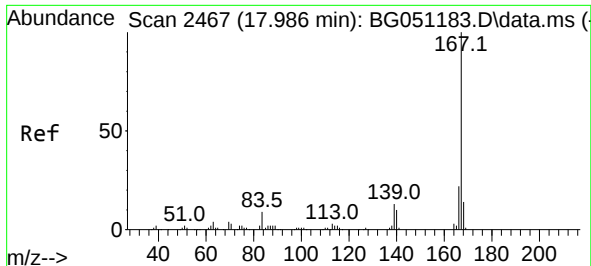
Ion Ratio Lower Upper

250 100

248 62.7 50.5 75.7

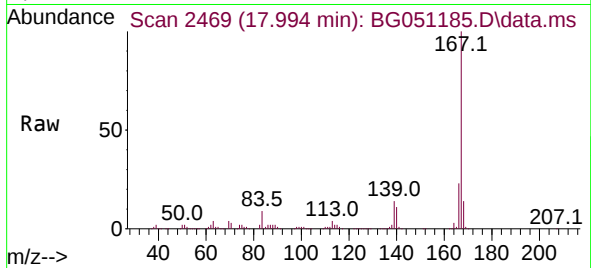
252 65.3 51.2 76.8



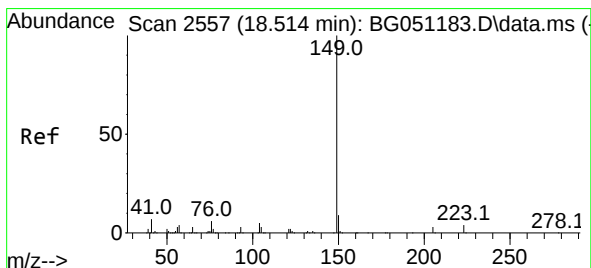
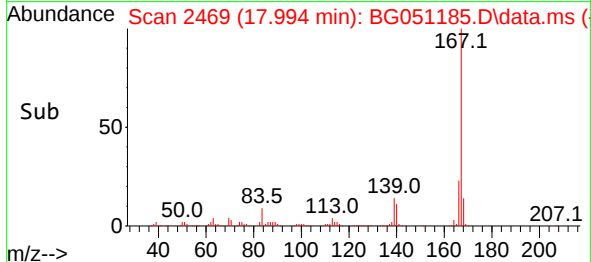
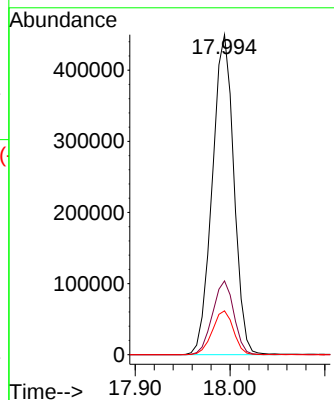


#77
 Carbazole
 Concen: 89.464 ng/ul
 RT: 17.994 min Scan# 2469
 Delta R.T. 0.008 min
 Lab File: BG051185.D
 Acq: 23 Nov 2021 13:37

Instrument :
 BNA_G
 ClientSampleId :

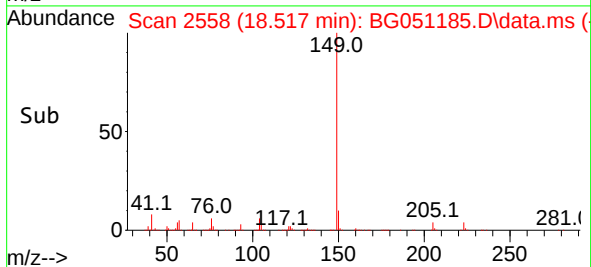
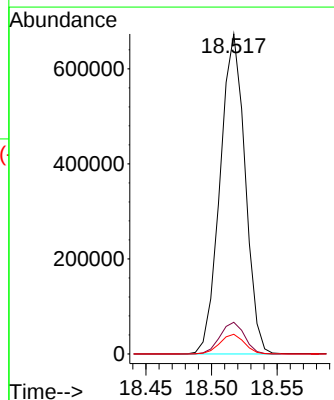
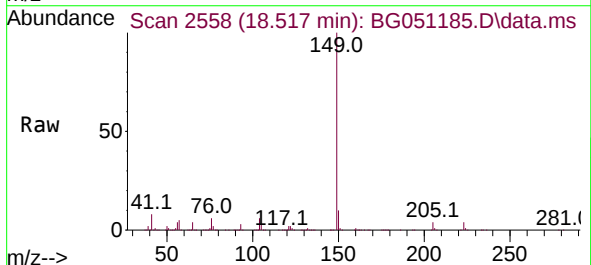


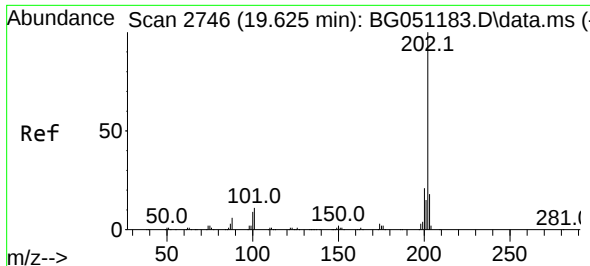
Tgt Ion:167 Resp: 710039
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.3 25.9
 139 13.7 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 87.235 ng/ul
 RT: 18.517 min Scan# 2558
 Delta R.T. 0.003 min
 Lab File: BG051185.D
 Acq: 23 Nov 2021 13:37

Tgt Ion:149 Resp: 892715
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.5 11.3
 104 6.1 5.0 7.6

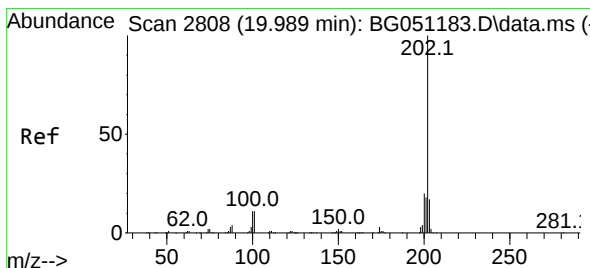
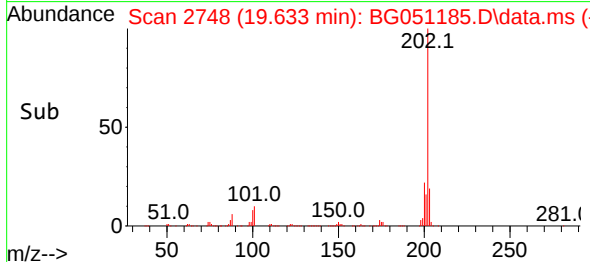
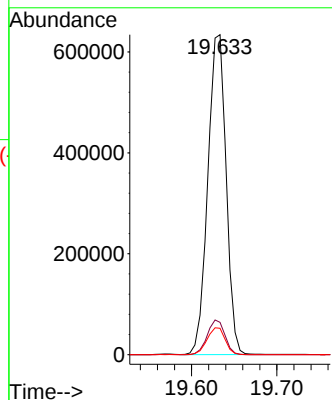
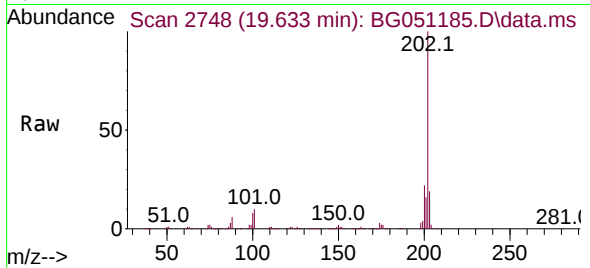




#80
Fluoranthene
Concen: 92.052 ng/u1
RT: 19.633 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

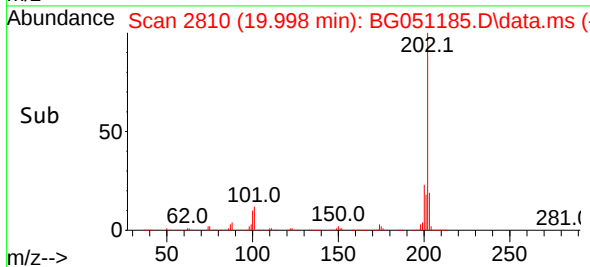
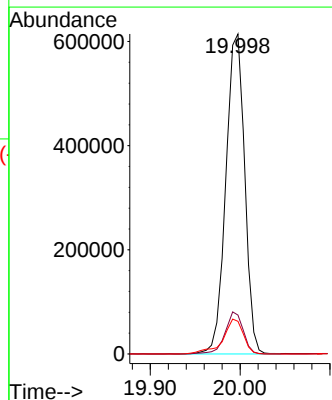
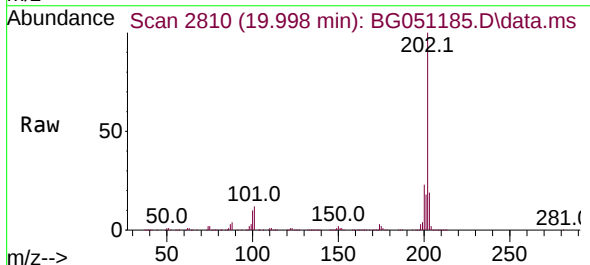
Instrument :
BNA_G
ClientSampleId :

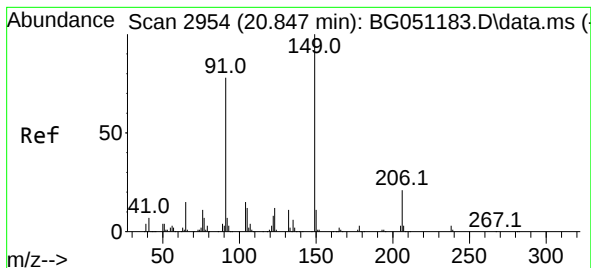
Tgt Ion:202 Resp: 946643
Ion Ratio Lower Upper
202 100
101 10.1 9.3 13.9
100 8.2 7.0 10.6



#82
Pyrene
Concen: 89.035 ng/u1
RT: 19.998 min Scan# 2810
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:202 Resp: 895658
Ion Ratio Lower Upper
202 100
101 12.1 10.7 16.1
100 10.2 9.0 13.6





#83

Butylbenzylphthalate

Concen: 95.099 ng/ul

RT: 20.855 min Scan# 2956

Delta R.T. 0.008 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

Instrument :

BNA_G

ClientSampleId :

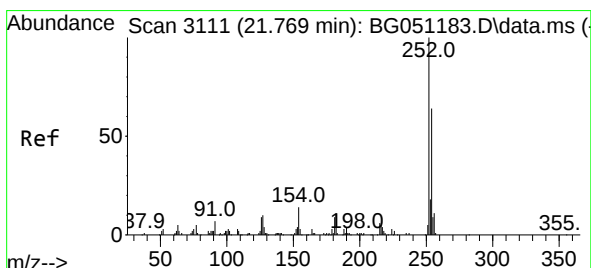
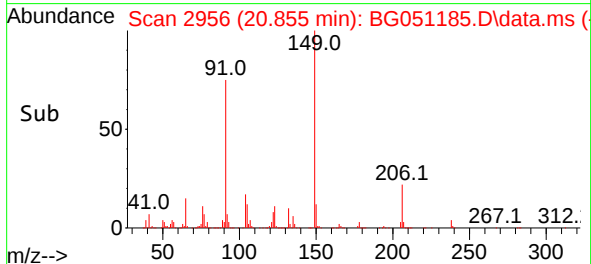
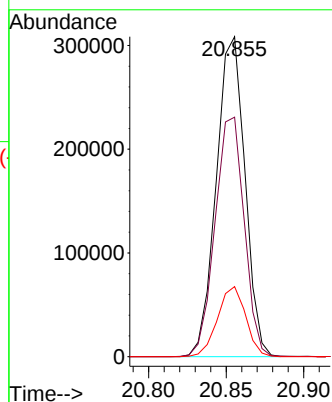
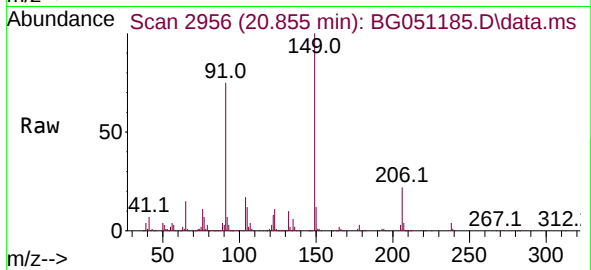
Tgt Ion:149 Resp: 397713

Ion Ratio Lower Upper

149 100

91 74.9 65.2 97.8

206 21.9 16.2 24.2



#84

3,3'-Dichlorobenzidine

Concen: 91.006 ng/ul

RT: 21.772 min Scan# 3112

Delta R.T. 0.003 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

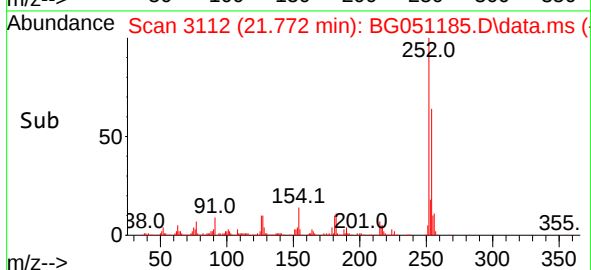
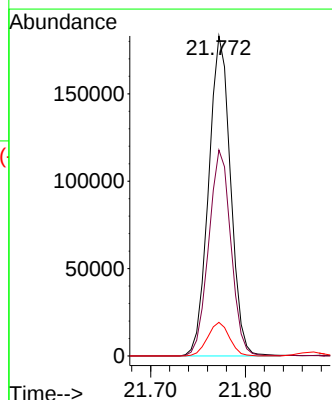
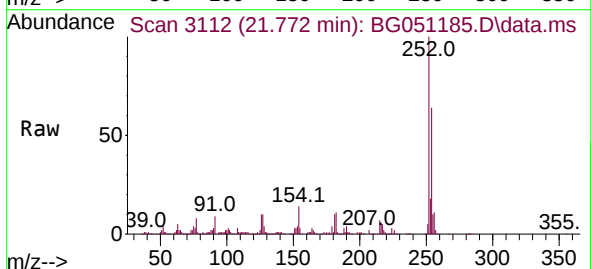
Tgt Ion:252 Resp: 293200

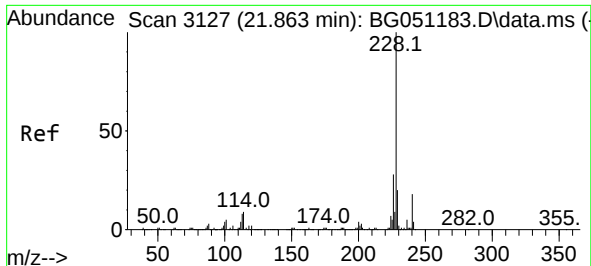
Ion Ratio Lower Upper

252 100

254 64.4 50.8 76.2

126 10.5 9.0 13.4

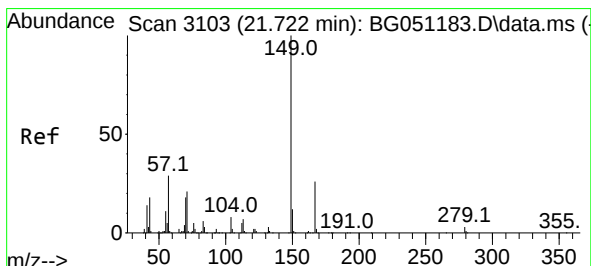
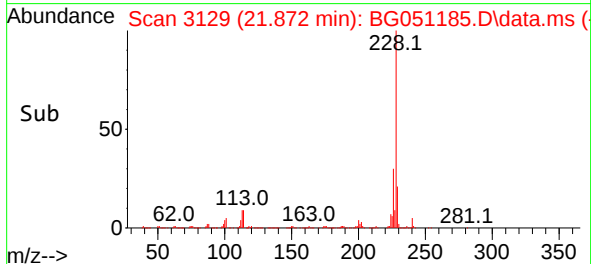
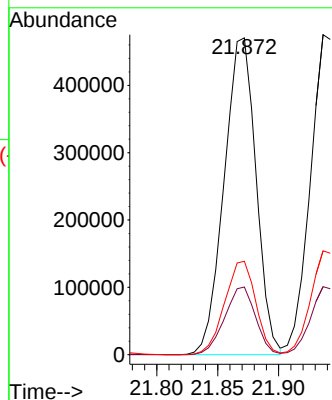
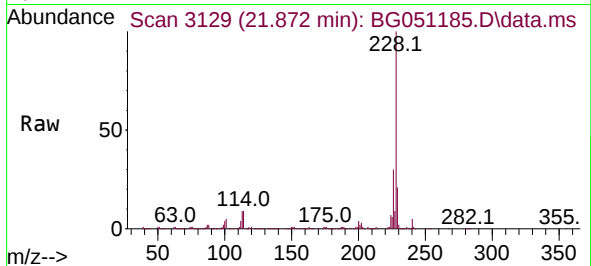




#85
Benzo(a)anthracene
Concen: 91.276 ng/ul
RT: 21.872 min Scan# 3127
Delta R.T. 0.008 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

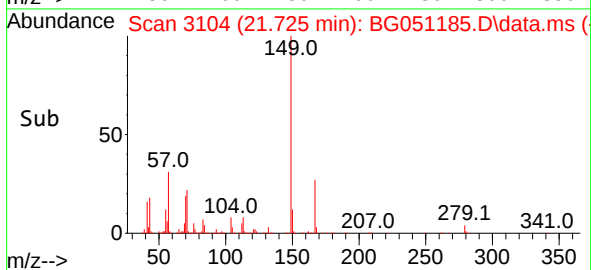
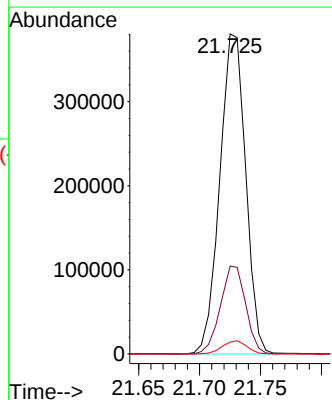
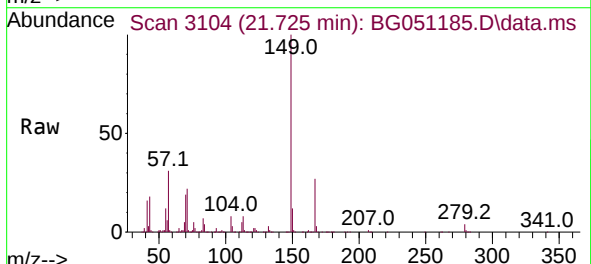
Instrument :
BNA_G
ClientSampleId :

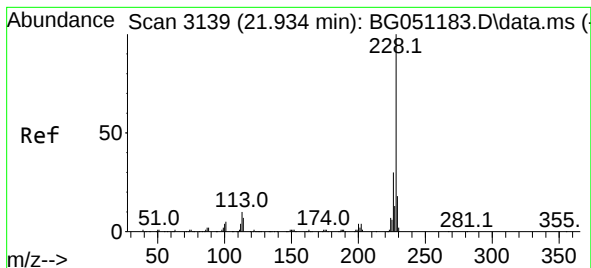
Tgt Ion:228 Resp: 856666
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 29.5 22.3 33.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 93.541 ng/ul
RT: 21.725 min Scan# 3104
Delta R.T. 0.003 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:149 Resp: 562931
Ion Ratio Lower Upper
149 100
167 27.4 21.1 31.7
279 3.7 2.7 4.1





#87

Chrysene

Concen: 91.238 ng/ul

RT: 21.936 min Scan# 3139

Delta R.T. 0.003 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

Instrument :

BNA_G

ClientSampleId :

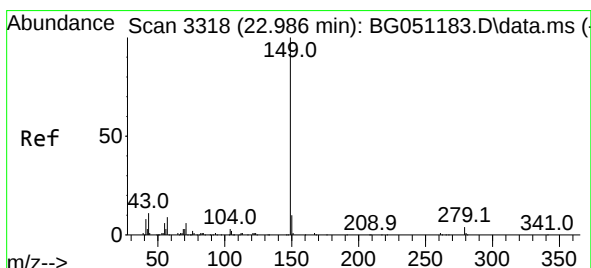
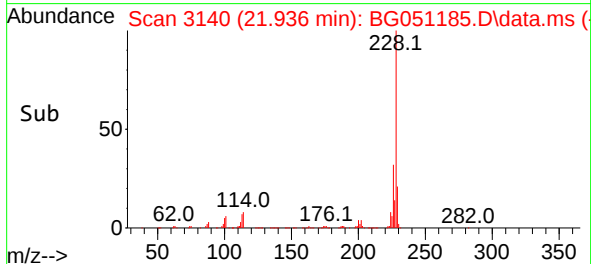
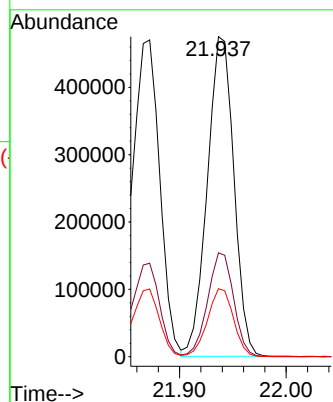
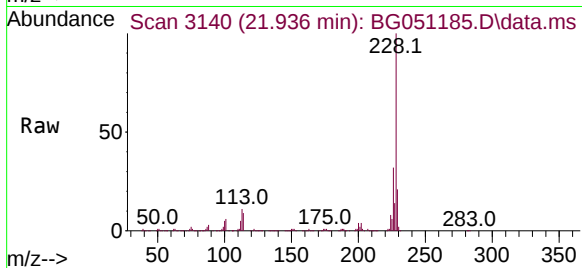
Tgt Ion:228 Resp: 822637

Ion Ratio Lower Upper

228 100

226 32.4 24.8 37.2

229 21.2 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 92.598 ng/ul

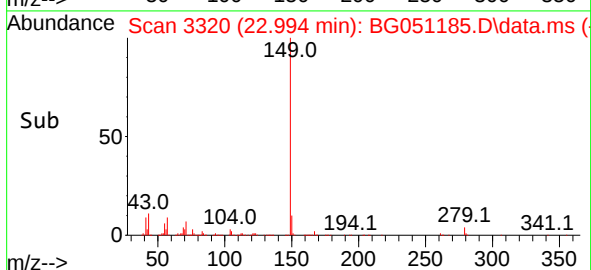
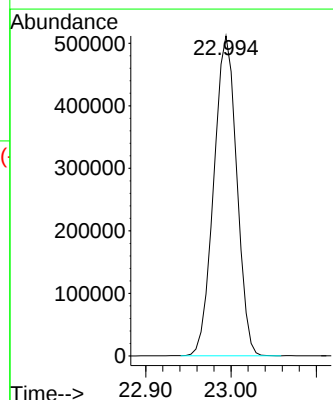
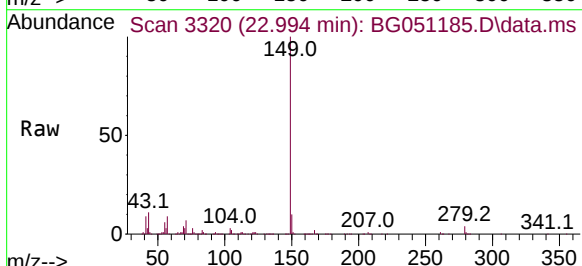
RT: 22.994 min Scan# 3320

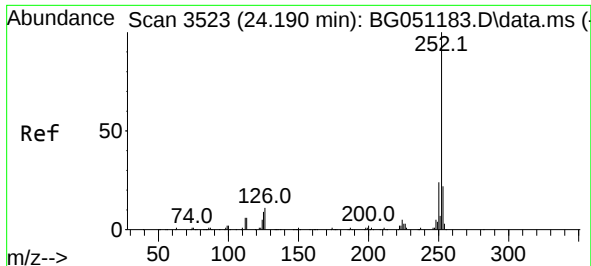
Delta R.T. 0.008 min

Lab File: BG051185.D

Acq: 23 Nov 2021 13:37

Tgt Ion:149 Resp: 953941

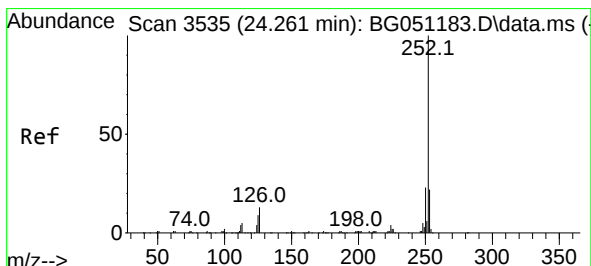
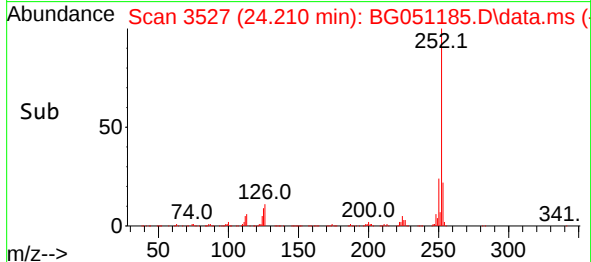
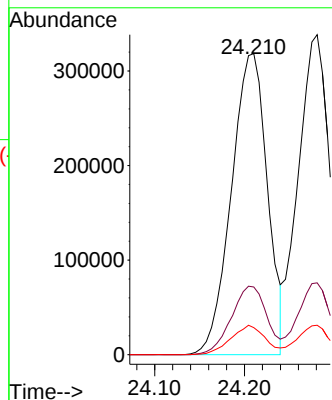
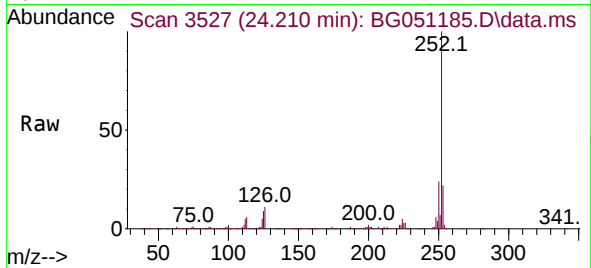




#90
Benzo(b)fluoranthene
Concen: 92.335 ng/ul
RT: 24.210 min Scan# 3527
Delta R.T. 0.020 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

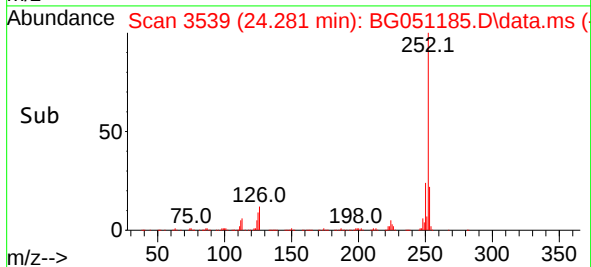
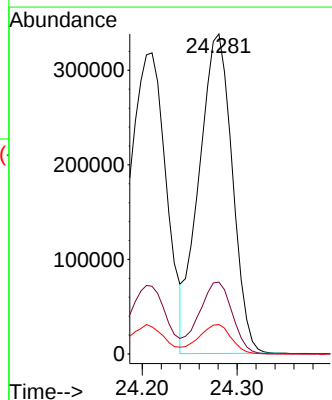
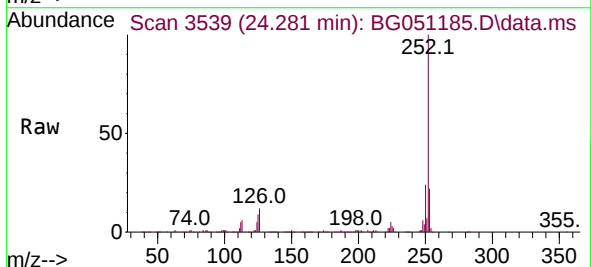
Instrument :
BNA_G
ClientSampleId :

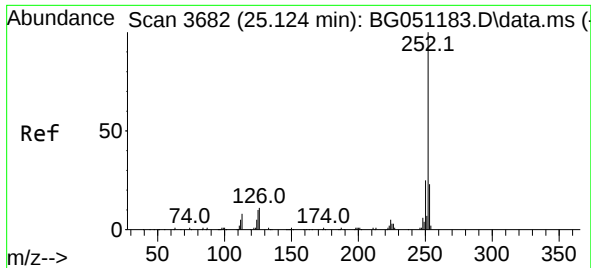
Tgt Ion:252 Resp: 886111
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.0 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 91.644 ng/ul
RT: 24.281 min Scan# 3539
Delta R.T. 0.020 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

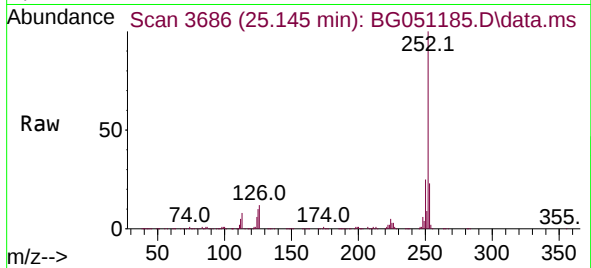
Tgt Ion:252 Resp: 825309
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.2 7.8 11.6



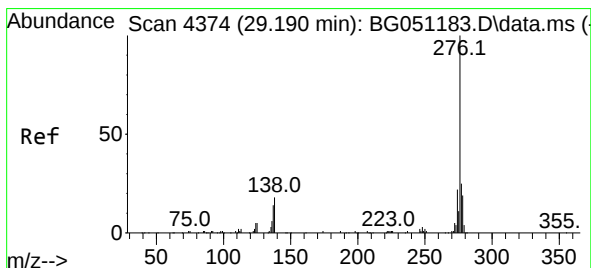
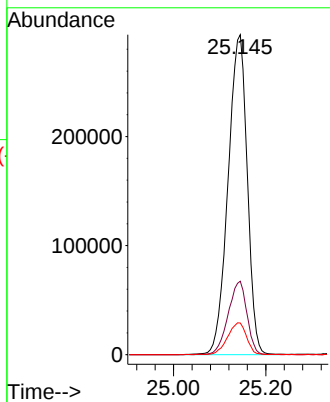
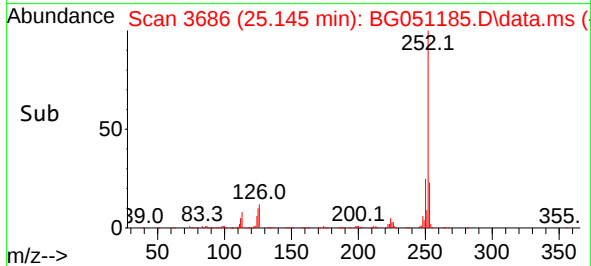


#93
Benzo(a)pyrene
Concen: 92.341 ng/ul
RT: 25.145 min Scan# 30
Delta R.T. 0.020 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Instrument :
BNA_G
ClientSampleId :

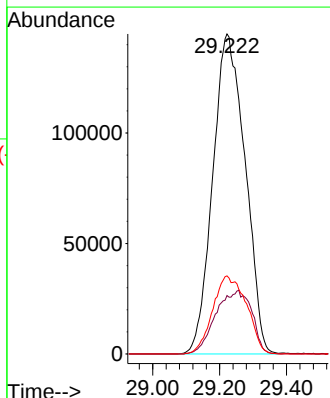
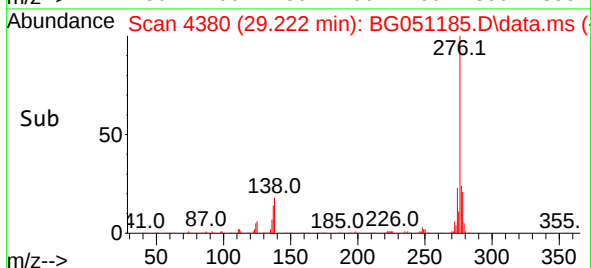
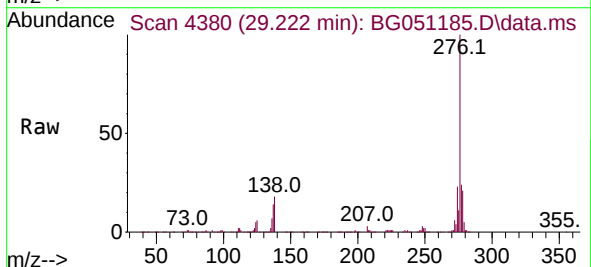


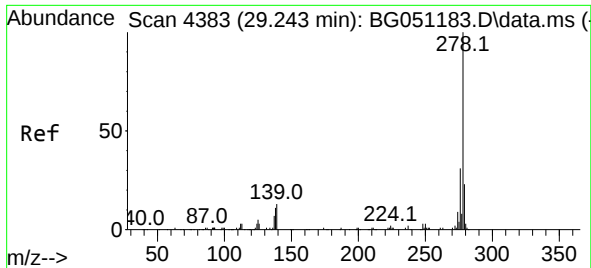
Tgt Ion:252 Resp: 845424
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 9.9 9.1 13.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 94.906 ng/ul
RT: 29.222 min Scan# 4380
Delta R.T. 0.032 min
Lab File: BG051185.D
Acq: 23 Nov 2021 13:37

Tgt Ion:276 Resp: 972330
Ion Ratio Lower Upper
276 100
138 18.2 15.5 23.3
277 24.4 20.5 30.7

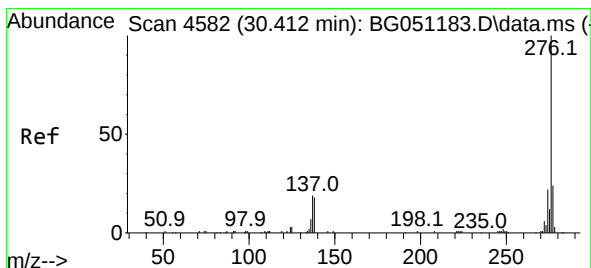
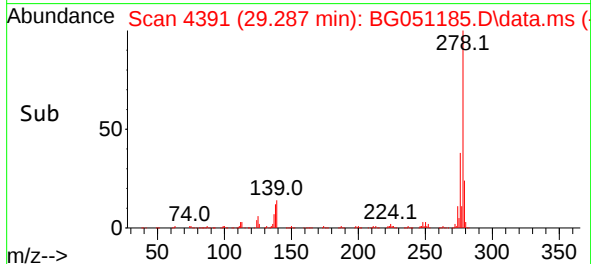
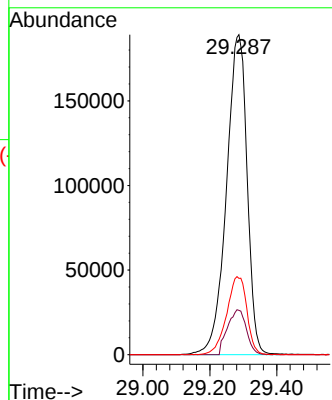
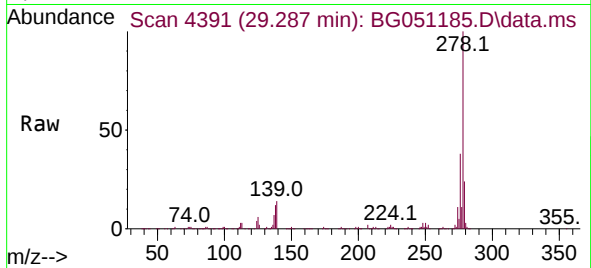




#95
 Dibenzo(a,h)anthracene
 Concen: 93.291 ng/ul
 RT: 29.287 min Scan# 41
 Delta R.T. 0.044 min
 Lab File: BG051185.D
 Acq: 23 Nov 2021 13:37

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:278 Resp: 810855
 Ion Ratio Lower Upper
 278 100
 139 13.8 12.2 18.4
 279 23.8 19.5 29.3



#96
 Benzo(g,h,i)perylene
 Concen: 94.027 ng/ul
 RT: 30.468 min Scan# 4592
 Delta R.T. 0.055 min
 Lab File: BG051185.D
 Acq: 23 Nov 2021 13:37

Tgt Ion:276 Resp: 810492
 Ion Ratio Lower Upper
 276 100
 138 18.6 16.6 24.8
 277 23.3 17.6 26.4

