

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051184.D
 Acq On : 23 Nov 2021 12:56
 Operator : CG/JU
 Sample : SSTD04022
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040423

Quant Time: Nov 23 13:58:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 23 13:54:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	25081	20.000	ng/u1	0.00
20) Naphthalene-d8	11.025	136	117138	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.833	164	81305	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.582	188	183716	20.000	ng/u1	0.00
79) Chrysene-d12	21.883	240	160432	20.000	ng/u1	0.00
88) Perylene-d12	25.285	264	164165	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.540	96	11652	14.994	ng/uL	0.00
4) Pyridine-d5	3.969	84	84792	36.474	ng/u1	0.00
7) Phenol-d5	7.353	99	100723	37.644	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.518	67	64440	37.282	ng/u1	0.00
11) 2-Chlorophenol-d4	7.729	132	74616	40.239	ng/u1	0.00
15) 4-Methylphenol-d8	8.916	113	83750	39.759	ng/u1	0.00
21) Nitrobenzene-d5	9.380	128	40811	40.998	ng/u1	0.00
24) 2-Nitrophenol-d4	10.103	143	47507	42.921	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.649	165	79071	42.409	ng/u1	0.00
31) 4-Chloroaniline-d4	11.166	131	113139	40.070	ng/u1	0.00
46) Dimethylphthalate-d6	14.228	166	253668	40.780	ng/u1	0.00
49) Acenaphthylene-d8	14.533	160	319382	41.212	ng/u1	0.00
54) 4-Nitrophenol-d4	15.050	143	41877	37.130	ng/u1	0.00
60) Fluorene-d10	15.826	176	227775	41.336	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	46730	41.954	ng/u1	0.00
73) Anthracene-d10	17.682	188	349480	40.235	ng/u1	0.00
81) Pyrene-d10	19.962	212	396661	38.280	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.050	264	354448	39.056	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.575	88	13382	15.679	ng/uL	94
5) Pyridine	3.992	79	89002	36.985	ng/u1	96
6) Benzaldehyde	7.330	77	72055	42.696	ng/u1	96
8) Phenol	7.383	94	105159	37.993	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.606	93	81021	39.107	ng/u1	95
12) 2-Chlorophenol	7.765	128	75868	40.296	ng/u1	97
13) 2-Methylphenol	8.646	108	79078	38.653	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.716	45	116500	35.700	ng/u1	97
16) Acetophenone	9.034	105	128192	39.175	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.004	70	75033	38.004	ng/u1	94
18) 4-Methylphenol	8.981	108	84244	38.674	ng/u1	95
19) Hexachloroethane	9.286	117	30932	39.294	ng/u1	94
22) Nitrobenzene	9.421	77	105839	38.123	ng/u1	97
23) Isophorone	9.938	82	208657	38.725	ng/u1	98
25) 2-Nitrophenol	10.138	139	47700	42.956	ng/u1	96
26) 2,4-Dimethylphenol	10.185	107	97575	39.926	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.414	93	114768	39.532	ng/u1	96
29) 2,4-Dichlorophenol	10.679	162	76436	42.028	ng/u1	97
30) Naphthalene	11.078	128	255459	39.882	ng/u1	97
32) 4-Chloroaniline	11.190	127	112644	40.177	ng/u1	100
33) Hexachlorobutadiene	11.343	225	50728	42.498	ng/u1	99
34) Caprolactam	11.960	113	19683	25.493	ng/u1	94
35) 4-Chloro-3-methylphenol	12.306	107	93297	40.158	ng/u1	96
36) 2-Methylnaphthalene	12.671	142	176968	40.554	ng/u1	100

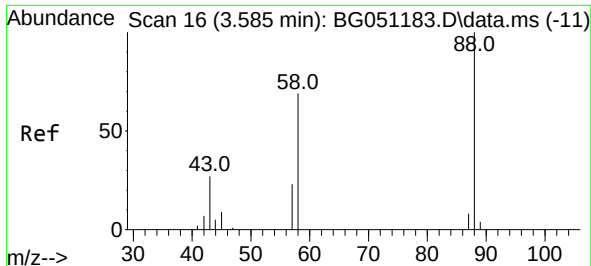
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.888	142	180126	40.737	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.035	216	102493	43.264	ng/ul	97
40) Hexachlorocyclopentadiene	13.000	237	31070	27.311	ng/ul	99
41) 2,4,6-Trichlorophenol	13.276	196	66314	42.778	ng/ul	95
42) 2,4,5-Trichlorophenol	13.358	196	69648	41.849	ng/ul	96
43) 1,1'-Biphenyl	13.663	154	241059	40.563	ng/ul	97
44) 2-Chloronaphthalene	13.716	162	190964	41.005	ng/ul	99
45) 2-Nitroaniline	13.922	65	70032	37.850	ng/ul	93
47) Dimethylphthalate	14.275	163	254341	40.893	ng/ul	100
48) 2,6-Dinitrotoluene	14.410	165	54157	41.603	ng/ul	94
50) Acenaphthylene	14.557	152	311207	40.067	ng/ul	98
51) 3-Nitroaniline	14.745	138	56240	41.772	ng/ul	94
52) Acenaphthene	14.897	153	203459	39.837	ng/ul	95
53) 2,4-Dinitrophenol	14.962	184	25946	36.130	ng/ul	91
55) 4-Nitrophenol	15.062	109	36504	35.291	ng/ul	94
56) Dibenzofuran	15.232	168	295400	40.408	ng/ul	99
57) 2,4-Dinitrotoluene	15.203	165	78371	42.185	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.461	232	55740	42.618	ng/ul	96
59) Diethylphthalate	15.626	149	266944	40.096	ng/ul	99
61) Fluorene	15.879	166	233915	40.427	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.861	204	126607	42.020	ng/ul	94
63) 4-Nitroaniline	15.908	138	56406	42.230	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.967	198	45009	41.437	ng/ul#	98
67) N-Nitrosodiphenylamine	16.078	169	211569	41.199	ng/ul	97
68) 4-Bromophenyl-phenylether	16.760	248	79544	43.527	ng/ul	93
69) Hexachlorobenzene	16.883	284	81805	43.543	ng/ul	97
70) Atrazine	17.024	200	89595	41.142	ng/ul	99
71) Pentachlorophenol	17.236	266	31180	36.149	ng/ul	97
72) Phenanthrene	17.624	178	402993	41.094	ng/ul	98
74) Anthracene	17.718	178	395057	40.150	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.640	216	108793	43.492	ng/uL	98
76) Pentachlorobenzene	15.150	250	102670	44.297	ng/uL	99
77) Carbazole	17.988	167	359053	40.712	ng/ul	99
78) Di-n-butylphthalate	18.511	149	455272	39.286	ng/ul	99
80) Fluoranthene	19.627	202	488524	39.284	ng/ul	97
82) Pyrene	19.991	202	468022	38.517	ng/ul	96
83) Butylbenzylphthalate	20.849	149	197797	37.855	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.766	252	160219	41.007	ng/ul	98
85) Benzo(a)anthracene	21.866	228	438569	39.487	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.725	149	284579	37.942	ng/ul	99
87) Chrysene	21.930	228	419937	39.580	ng/ul	99
89) Di-n-octyl phthalate	22.988	149	483887	36.206	ng/ul	100
90) Benzo(b)fluoranthene	24.198	252	452438	38.686	ng/ul	99
91) Benzo(k)fluoranthene	24.269	252	407951	37.173	ng/ul	99
93) Benzo(a)pyrene	25.127	252	424018	38.067	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.198	276	478904	38.623	ng/ul	98
95) Dibenzo(a,h)anthracene	29.257	278	405728	38.672	ng/ul	97
96) Benzo(g,h,i)perylene	30.432	276	401956	38.727	ng/ul	96

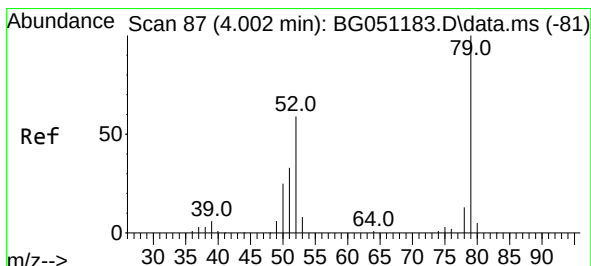
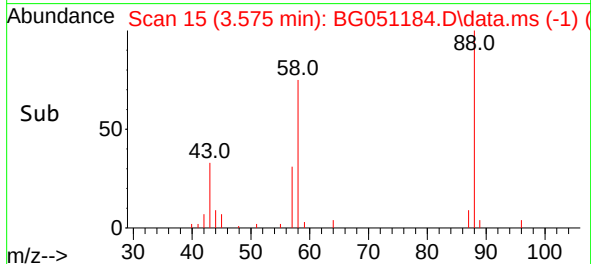
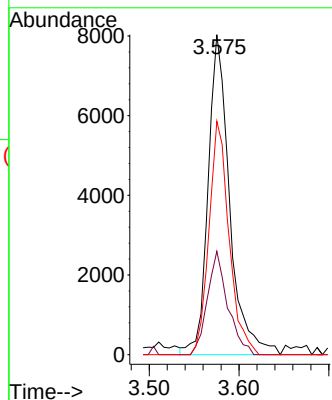
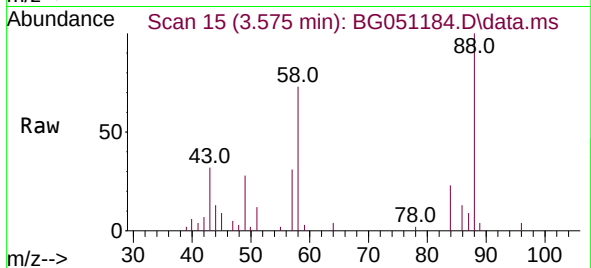
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#2
1,4-Dioxane
Concen: 15.679 ng/uL
RT: 3.575 min Scan# 11
Delta R.T. -0.010 min
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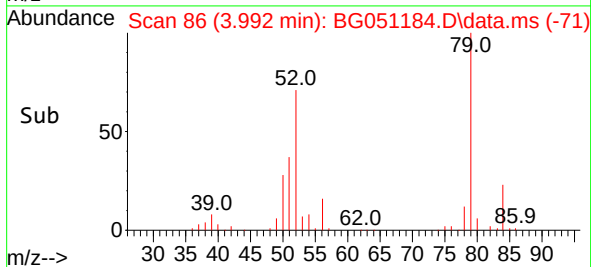
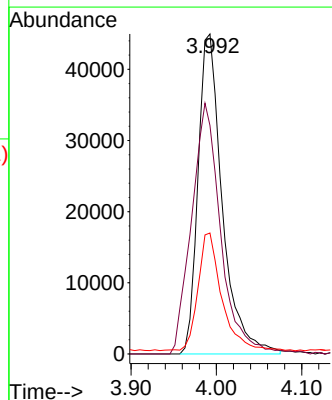
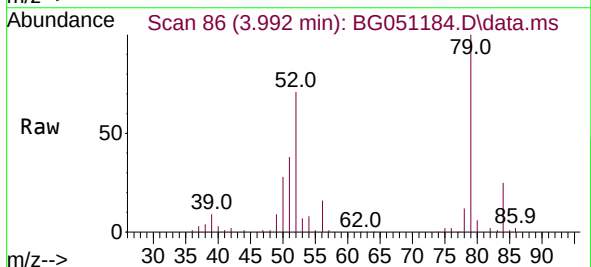
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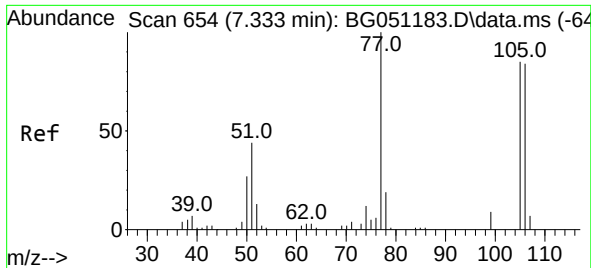
Tgt Ion: 88 Resp: 13382
Ion Ratio Lower Upper
88 100
43 32.3 23.0 34.4
58 72.9 62.4 93.6



#5
Pyridine
Concen: 36.985 ng/uL
RT: 3.992 min Scan# 86
Delta R.T. -0.010 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion: 79 Resp: 89002
Ion Ratio Lower Upper
79 100
52 71.4 60.8 91.2
51 37.8 30.5 45.7

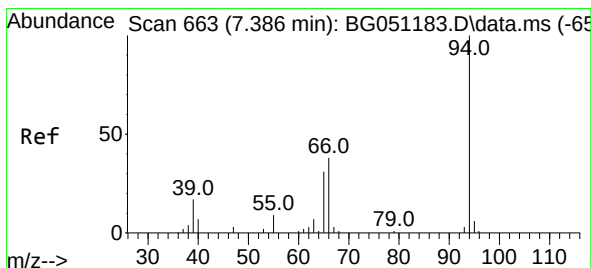
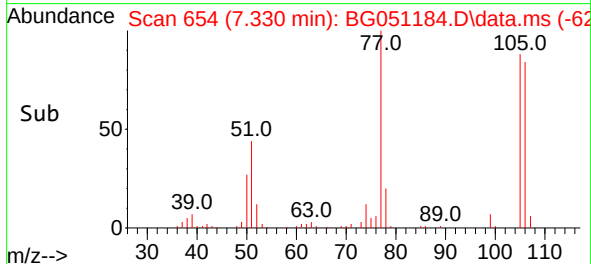
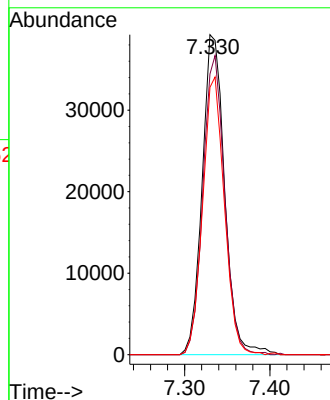
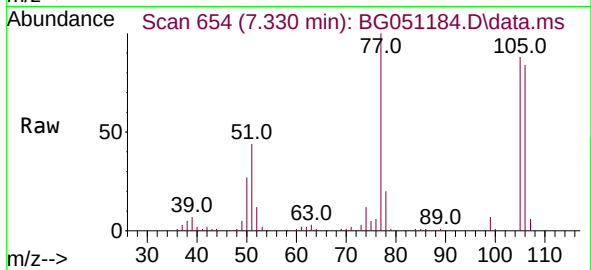




#6
Benzaldehyde
Concen: 42.696 ng/ul
RT: 7.330 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

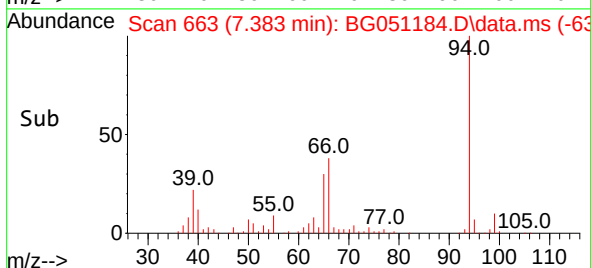
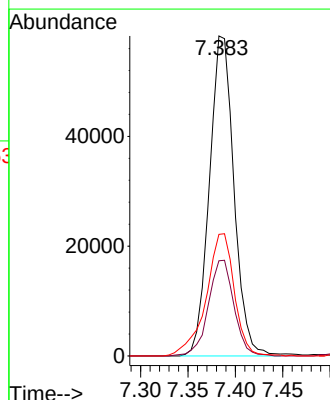
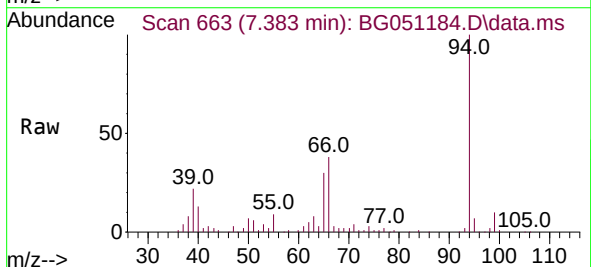
Instrument :
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ClientSampleId :
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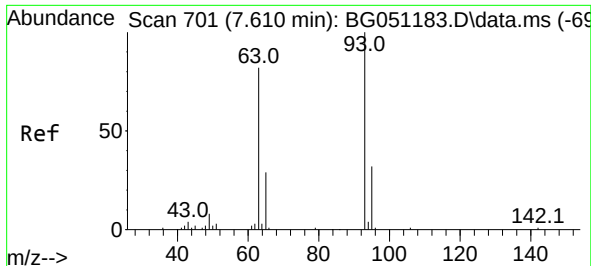
Tgt Ion: 77 Resp: 72055
Ion Ratio Lower Upper
77 100
105 87.7 70.4 105.6
106 83.6 61.2 91.8



#8
Phenol
Concen: 37.993 ng/ul
RT: 7.383 min Scan# 663
Delta R.T. -0.004 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion: 94 Resp: 105159
Ion Ratio Lower Upper
94 100
65 29.7 25.1 37.7
66 38.0 31.6 47.4

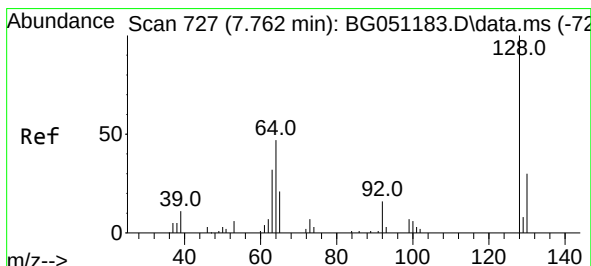
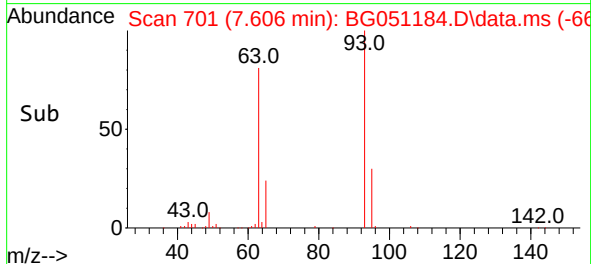
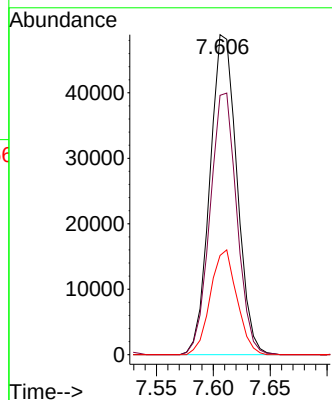
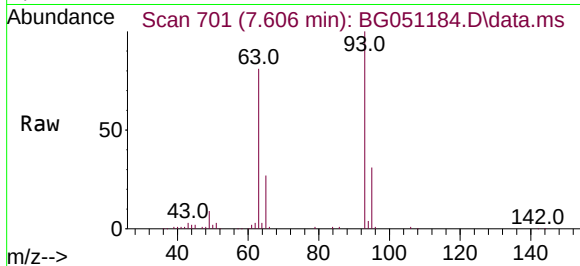




#10
Bis(2-Chloroethyl)ether
Concen: 39.107 ng/ul
RT: 7.606 min Scan# 701
Delta R.T. -0.004 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

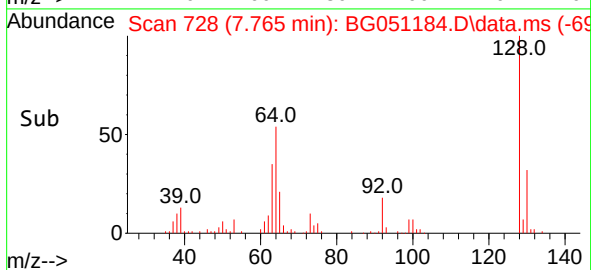
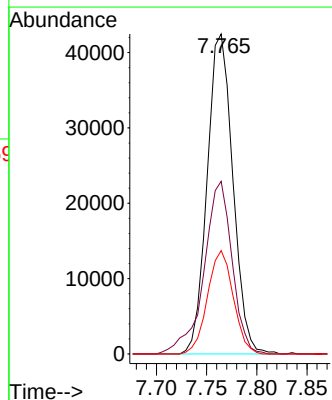
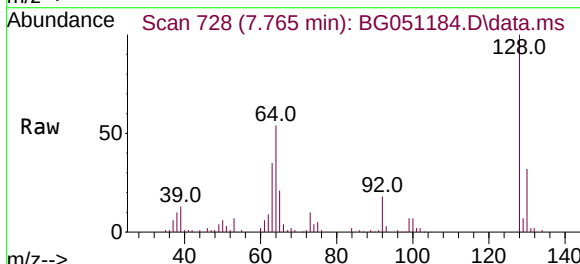
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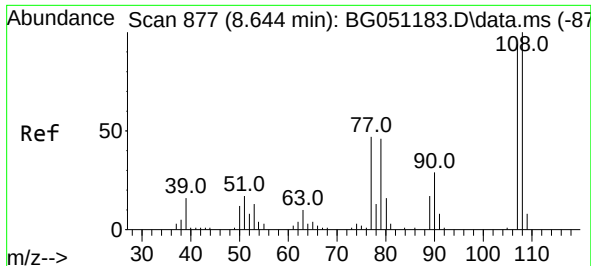
Tgt Ion: 93	Resp: 81021
Ion Ratio	Lower Upper
93	100
63	81.0 68.6 103.0
95	31.0 26.1 39.1



#12
2-Chlorophenol
Concen: 40.296 ng/ul
RT: 7.765 min Scan# 728
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion: 128	Resp: 75868
Ion Ratio	Lower Upper
128	100
64	53.9 45.3 67.9
130	32.3 27.1 40.7

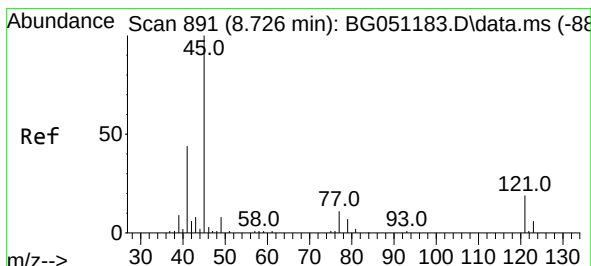
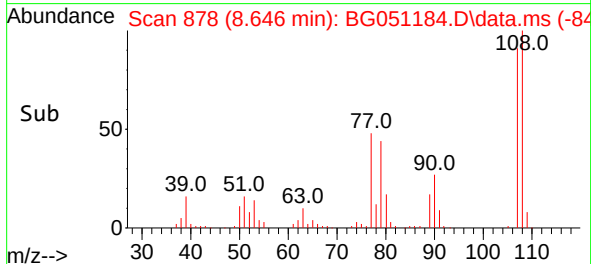
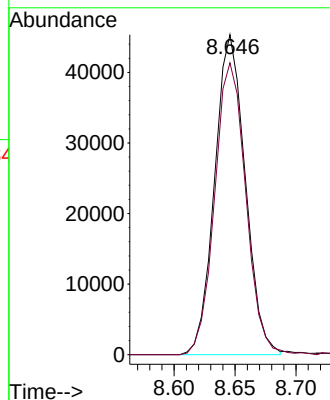
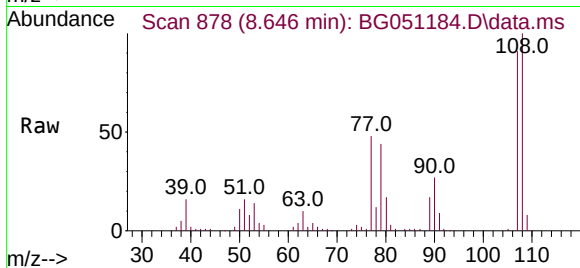




#13
2-Methylphenol
Concen: 38.653 ng/ul
RT: 8.646 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

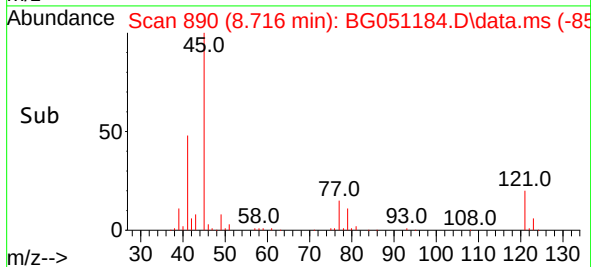
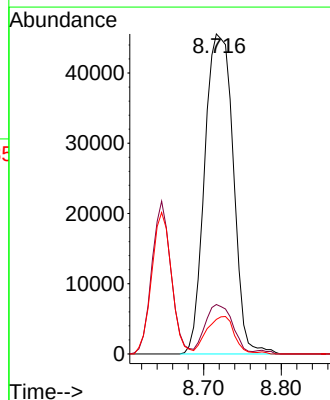
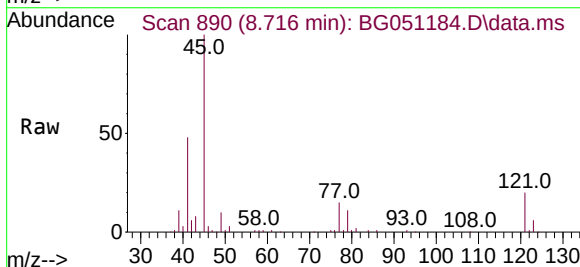
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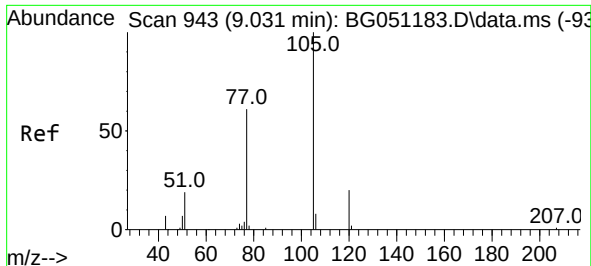
Tgt Ion:108 Resp: 79078
Ion Ratio Lower Upper
108 100
107 91.2 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 35.700 ng/ul
RT: 8.716 min Scan# 890
Delta R.T. -0.010 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion: 45 Resp: 116500
Ion Ratio Lower Upper
45 100
77 15.4 10.7 16.1
79 10.8 8.5 12.7

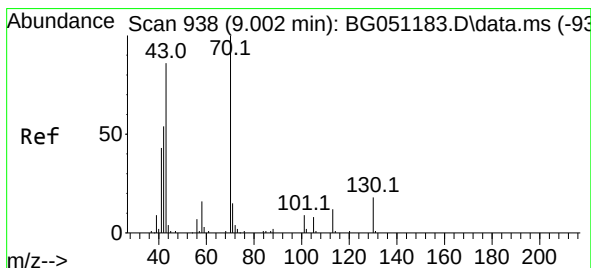
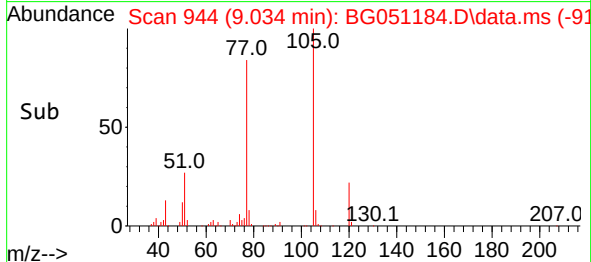
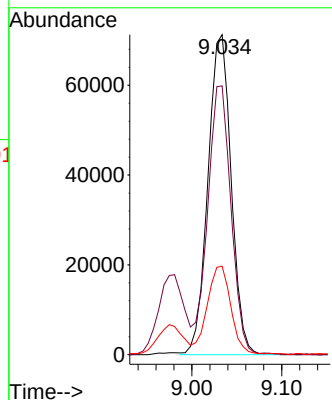
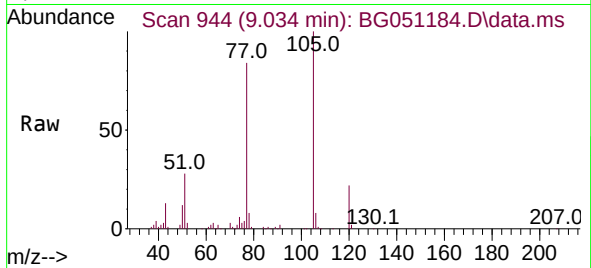




#16
Acetophenone
Concen: 39.175 ng/ul
RT: 9.034 min Scan# 943
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

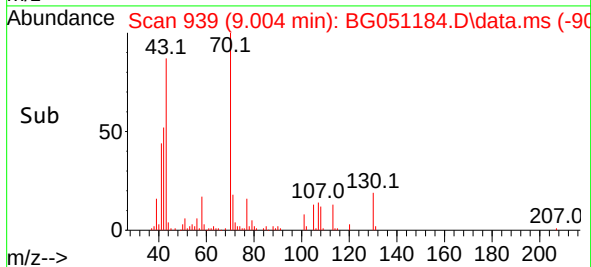
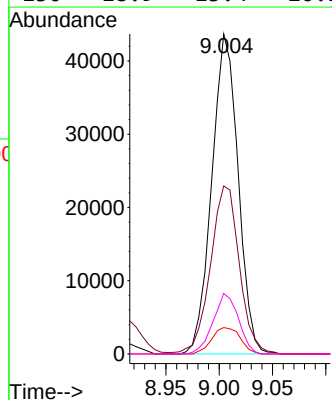
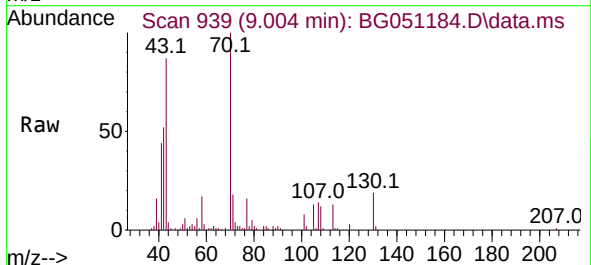
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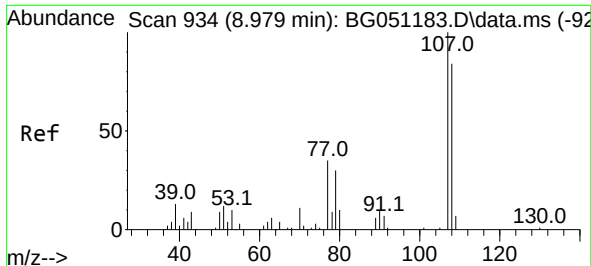
Tgt Ion:105 Resp: 128192
Ion Ratio Lower Upper
105 100
77 84.0 67.3 100.9
51 27.7 24.0 36.0



#17
N-Nitroso-di-n-propylamine
Concen: 38.004 ng/ul
RT: 9.004 min Scan# 939
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion: 70 Resp: 75033
Ion Ratio Lower Upper
70 100
42 52.5 46.0 69.0
101 8.2 7.0 10.4
130 18.9 13.4 20.2

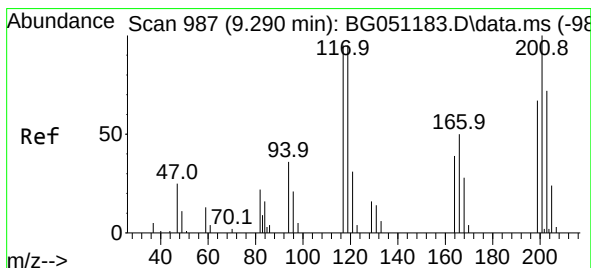
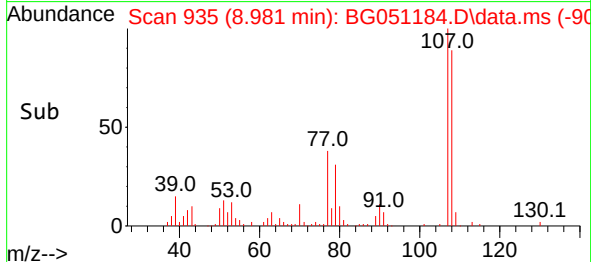
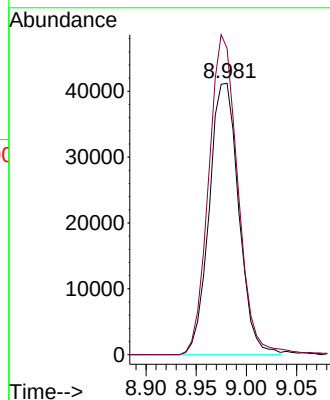
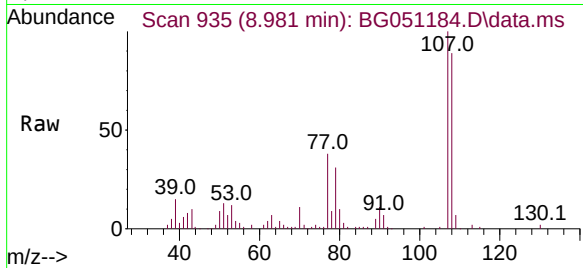




#18
4-Methylphenol
Concen: 38.674 ng/ul
RT: 8.981 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

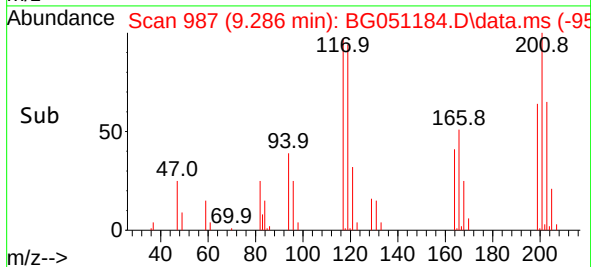
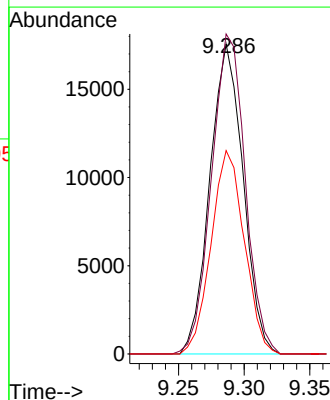
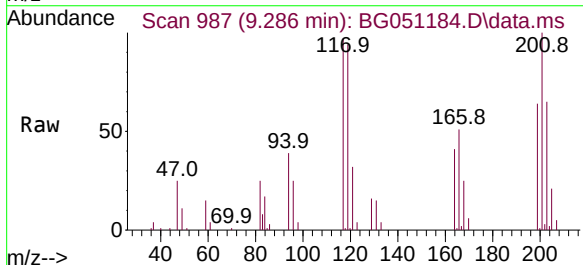
Instrument :
BNA_G
ClientSampleId :
SSTD040423

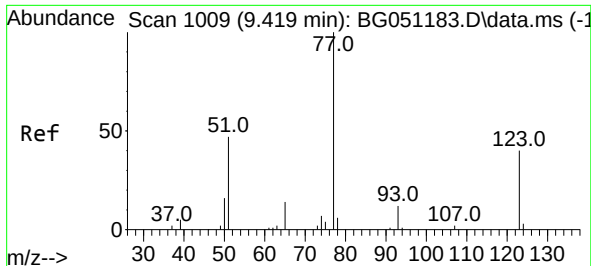
Tgt Ion:108 Resp: 84244
Ion Ratio Lower Upper
108 100
107 112.9 95.0 142.4



#19
Hexachloroethane
Concen: 39.294 ng/ul
RT: 9.286 min Scan# 987
Delta R.T. -0.004 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:117 Resp: 30932
Ion Ratio Lower Upper
117 100
201 103.2 77.2 115.8
199 65.6 49.9 74.9

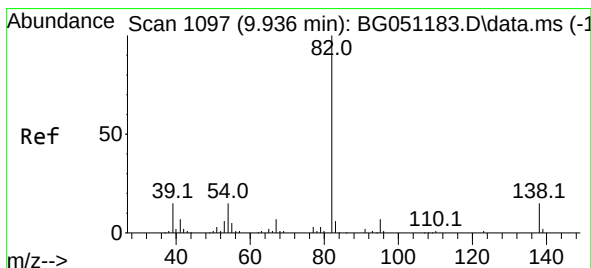
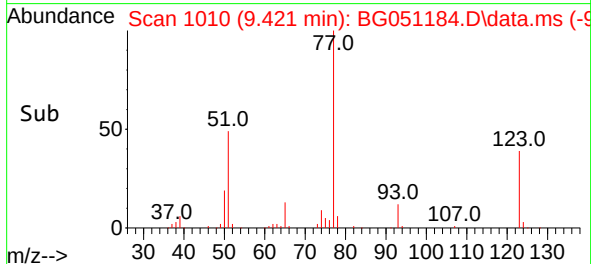
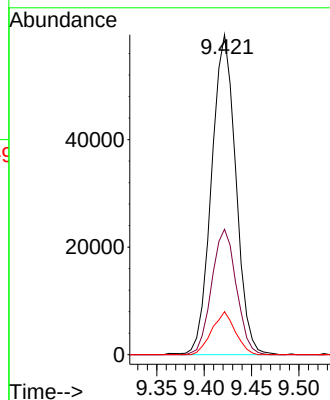
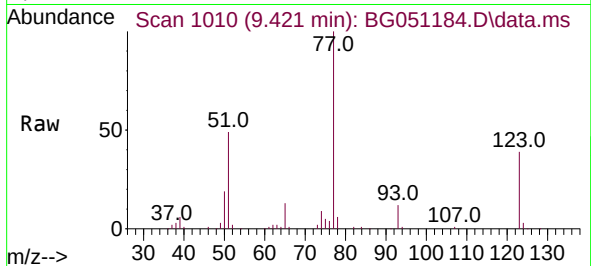




#22
Nitrobenzene
Concen: 38.123 ng/ul
RT: 9.421 min Scan# 1009
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

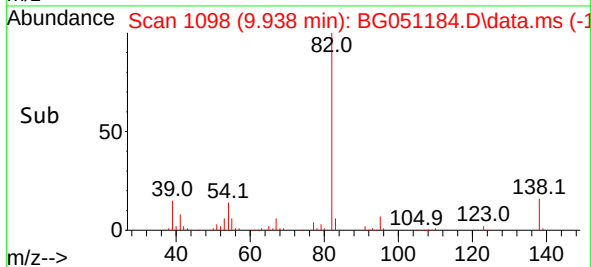
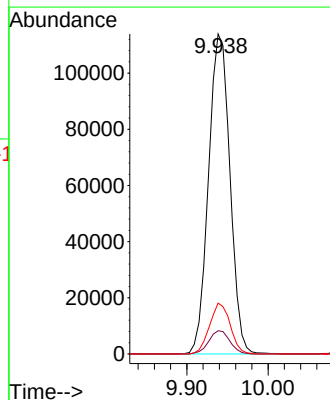
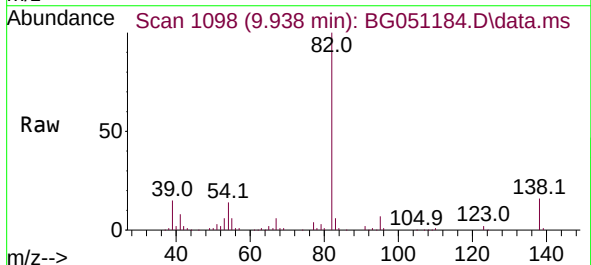
Instrument :
BNA_G
ClientSampleId :
SSTD040423

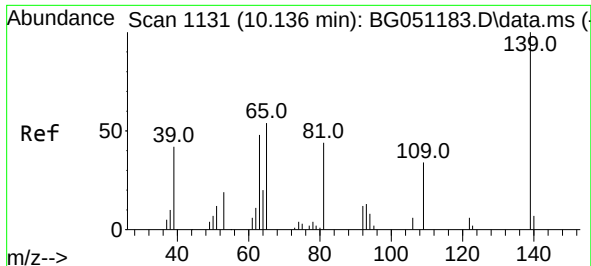
Tgt Ion: 77 Resp: 105839
Ion Ratio Lower Upper
77 100
123 39.2 30.1 45.1
65 13.4 9.6 14.4



#23
Isophorone
Concen: 38.725 ng/ul
RT: 9.938 min Scan# 1098
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion: 82 Resp: 208657
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 15.9 11.8 17.8

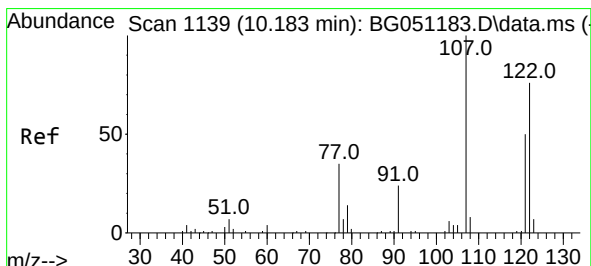
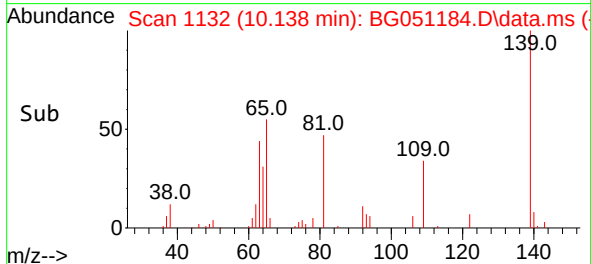
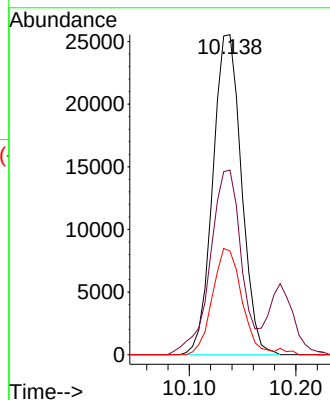
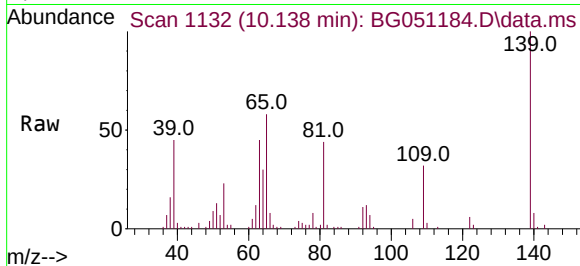




#25
2-Nitrophenol
Concen: 42.956 ng/ul
RT: 10.138 min Scan# 1132
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

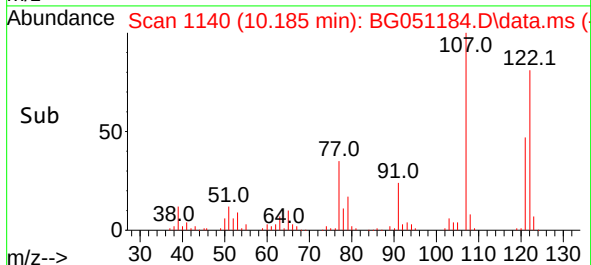
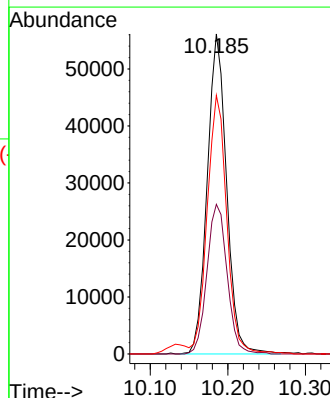
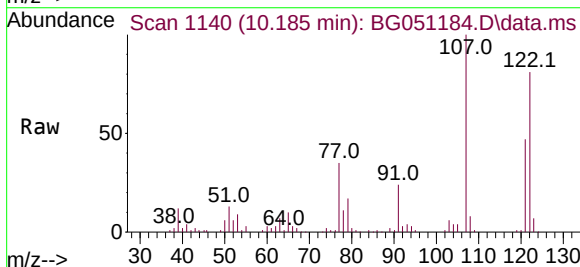
Instrument :
BNA_G
ClientSampleId :
SSTD040423

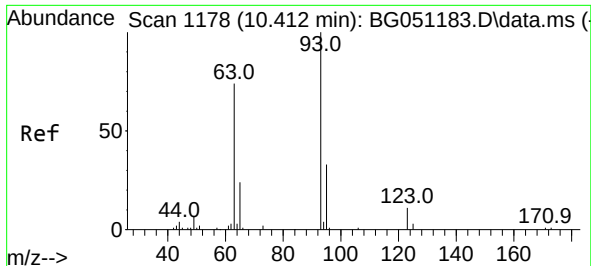
Tgt Ion:139 Resp: 47700
Ion Ratio Lower Upper
139 100
65 57.7 48.0 72.0
109 32.4 28.6 42.8



#26
2,4-Dimethylphenol
Concen: 39.926 ng/ul
RT: 10.185 min Scan# 1140
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:107 Resp: 97575
Ion Ratio Lower Upper
107 100
121 46.8 39.3 58.9
122 80.8 63.7 95.5





#27

Bis(2-Chloroethoxy)methane

Concen: 39.532 ng/ul

RT: 10.414 min Scan# 1178

Delta R.T. 0.002 min

Lab File: BG051184.D

Acq: 23 Nov 2021 12:56

Instrument :

BNA_G

ClientSampleId :

SSTD040423

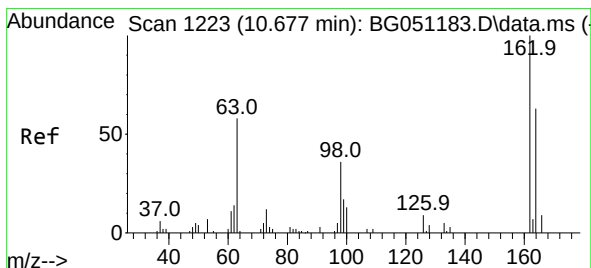
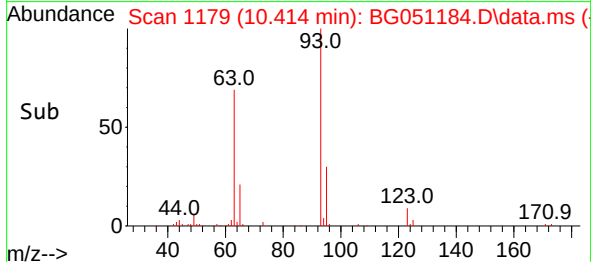
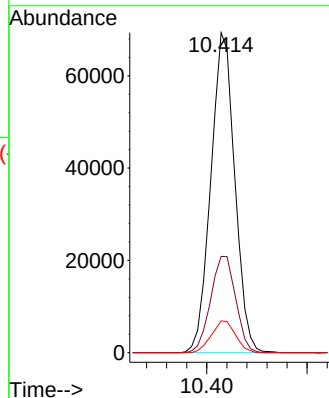
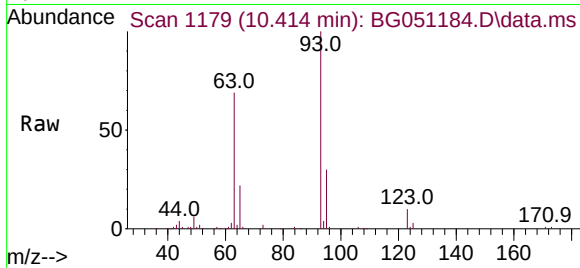
Tgt Ion: 93 Resp: 114768

Ion Ratio Lower Upper

93 100

95 30.1 26.5 39.7

123 9.9 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 42.028 ng/ul

RT: 10.679 min Scan# 1224

Delta R.T. 0.002 min

Lab File: BG051184.D

Acq: 23 Nov 2021 12:56

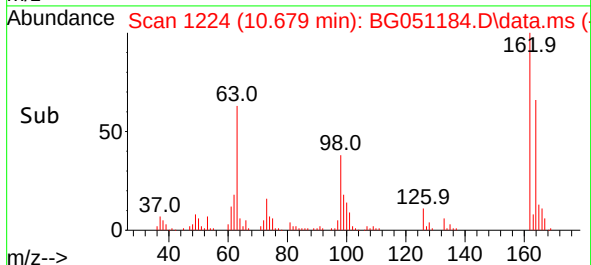
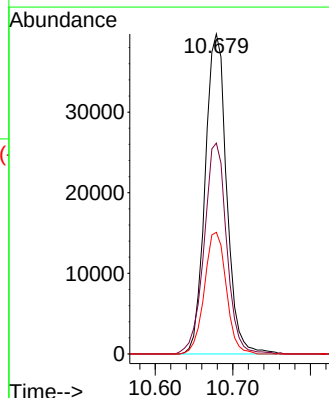
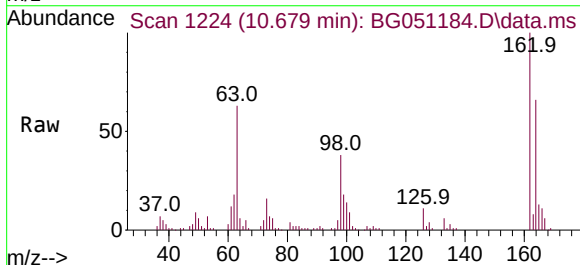
Tgt Ion:162 Resp: 76436

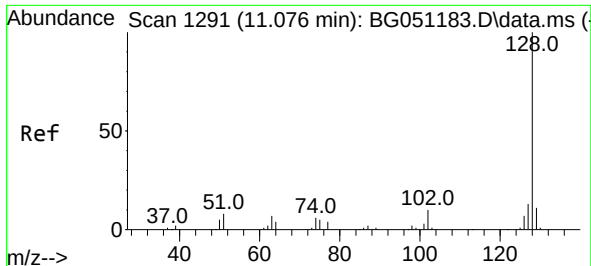
Ion Ratio Lower Upper

162 100

164 65.9 49.4 74.0

98 38.0 30.4 45.6

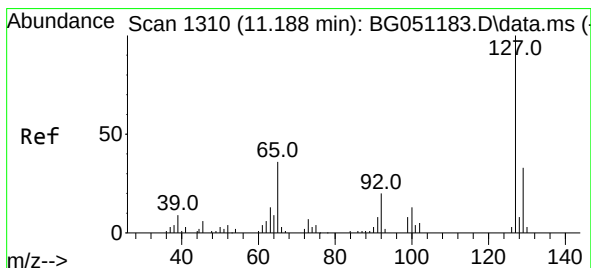
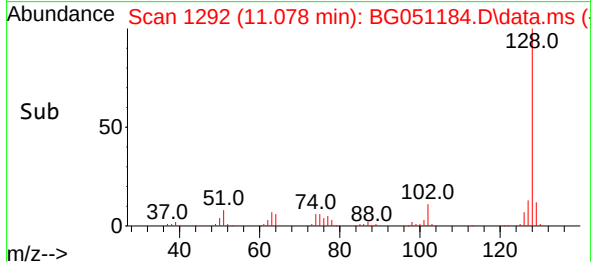
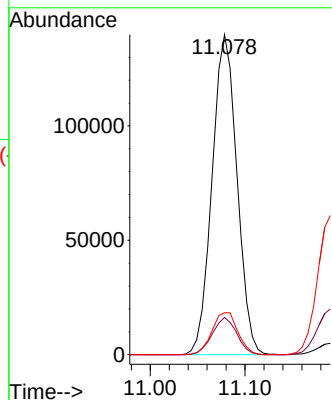
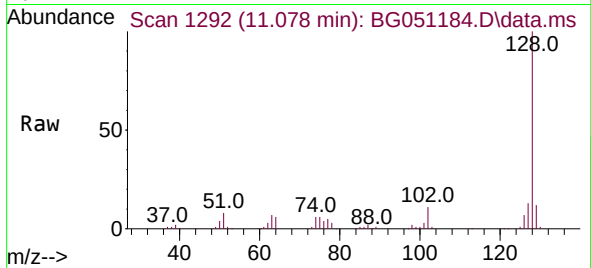




#30
Naphthalene
Concen: 39.882 ng/ul
RT: 11.078 min Scan# 1291
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

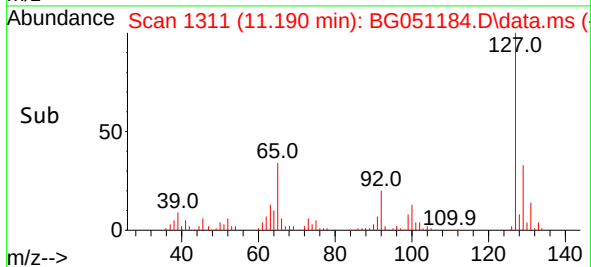
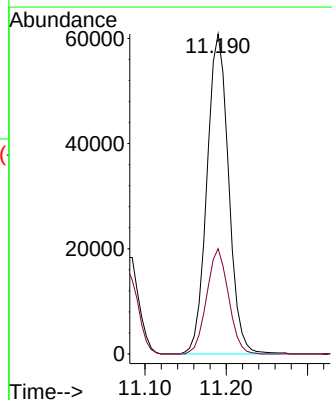
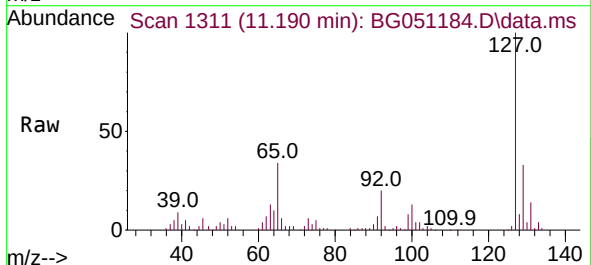
Instrument :
BNA_G
ClientSampleId :
SSTD040423

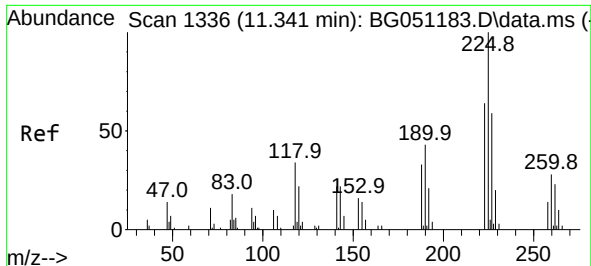
Tgt Ion:128 Resp: 255459
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 13.1 11.8 17.6



#32
4-Chloroaniline
Concen: 40.177 ng/ul
RT: 11.190 min Scan# 1311
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:127 Resp: 112644
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.2

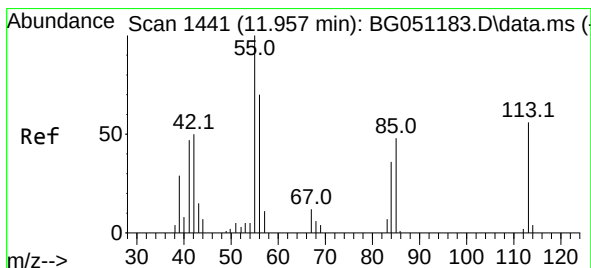
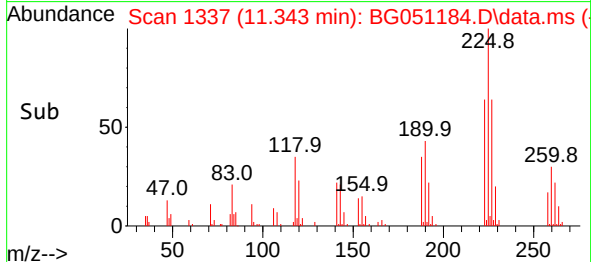
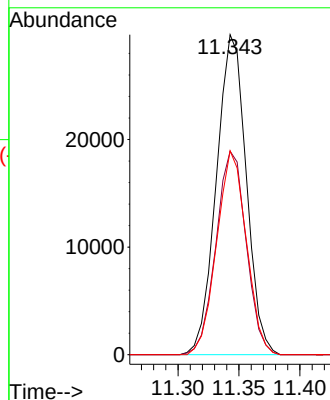
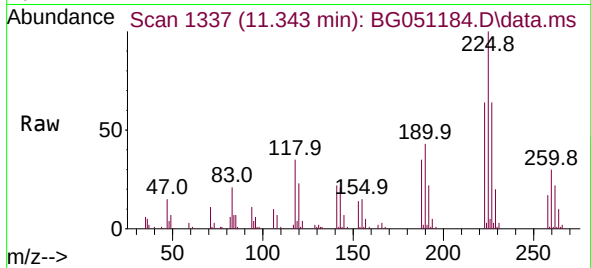




#33
Hexachlorobutadiene
Concen: 42.498 ng/ul
RT: 11.343 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

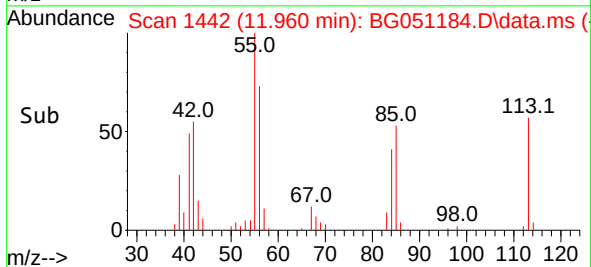
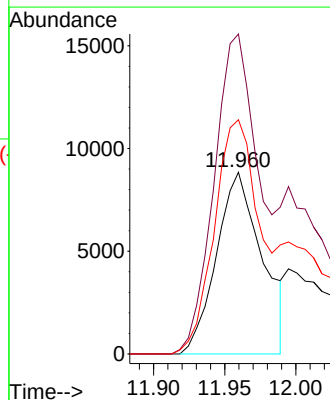
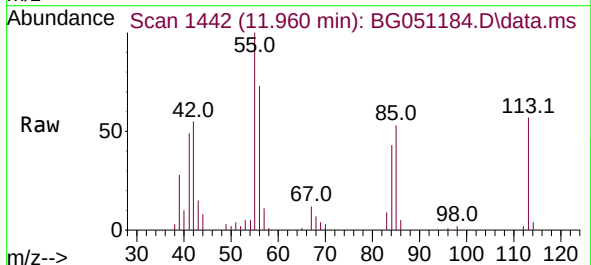
Instrument :
BNA_G
ClientSampleId :
SSTD040423

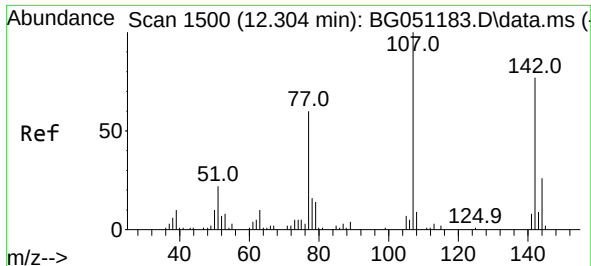
Tgt Ion:225 Resp: 50728
Ion Ratio Lower Upper
225 100
223 63.6 50.6 75.8
227 63.7 49.8 74.8



#34
Caprolactam
Concen: 25.493 ng/ul
RT: 11.960 min Scan# 1442
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:113 Resp: 19683
Ion Ratio Lower Upper
113 100
55 176.1 147.0 220.6
56 128.9 109.2 163.8

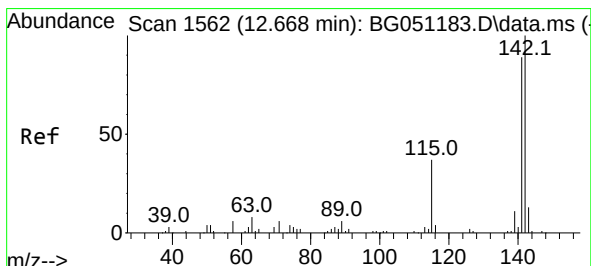
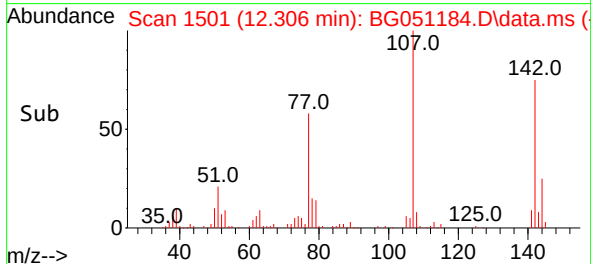
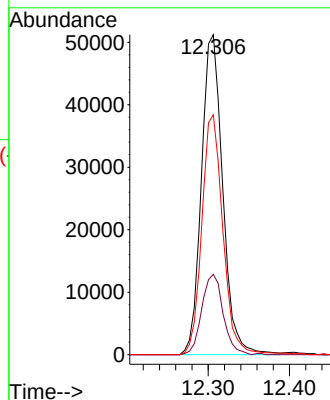
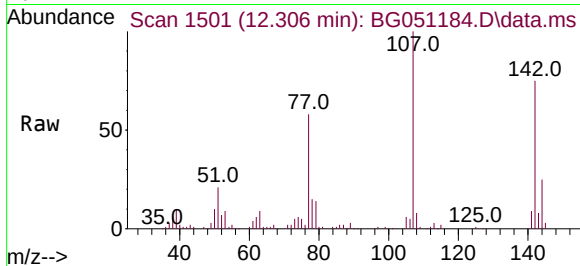




#35
4-Chloro-3-methylphenol
Concen: 40.158 ng/ul
RT: 12.306 min Scan# 1500
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

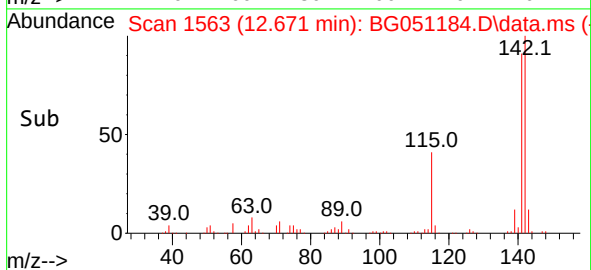
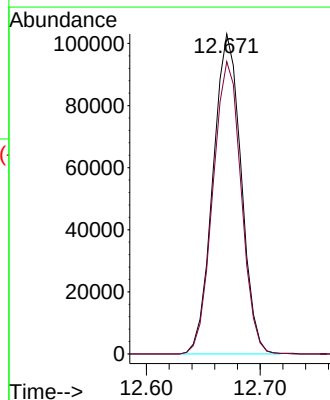
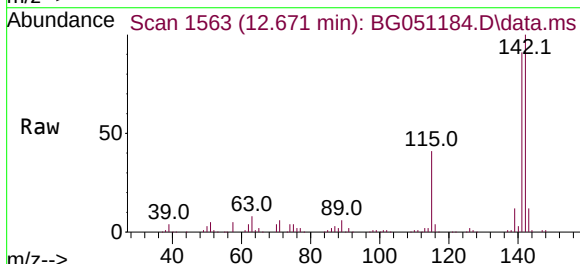
Instrument :
BNA_G
ClientSampleId :
SSTD040423

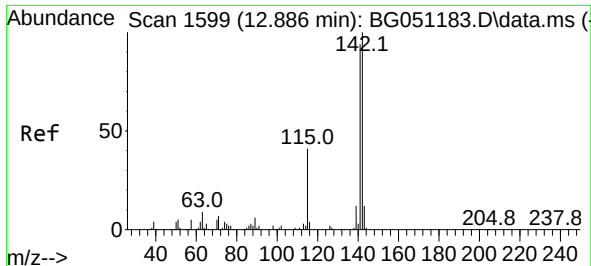
Tgt Ion:107 Resp: 93297
Ion Ratio Lower Upper
107 100
144 25.1 19.8 29.6
142 75.0 56.2 84.4



#36
2-Methylnaphthalene
Concen: 40.554 ng/ul
RT: 12.671 min Scan# 1563
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:142 Resp: 176968
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9

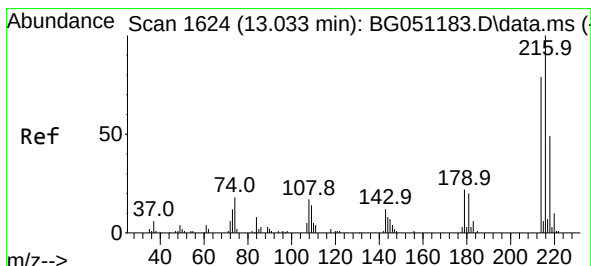
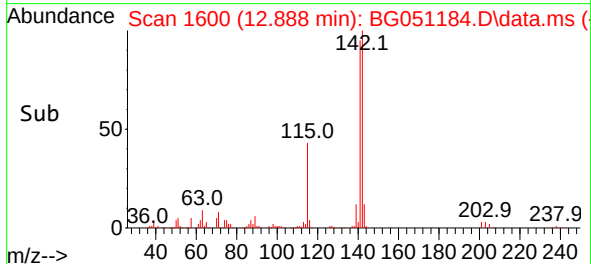
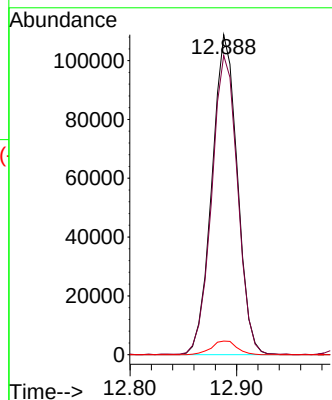
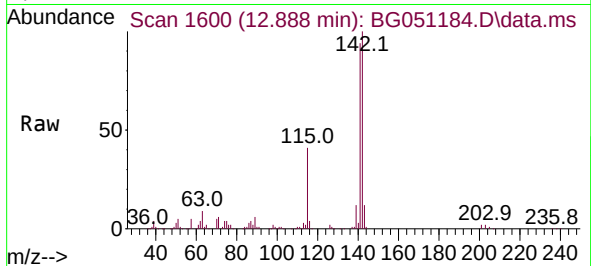




#37
1-Methylnaphthalene
Concen: 40.737 ng/ul
RT: 12.888 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

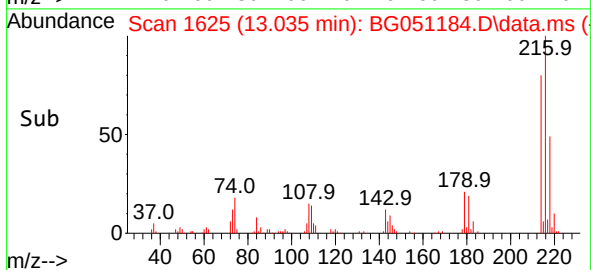
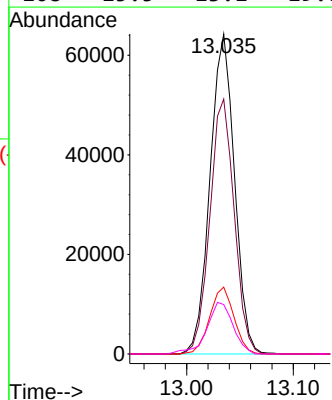
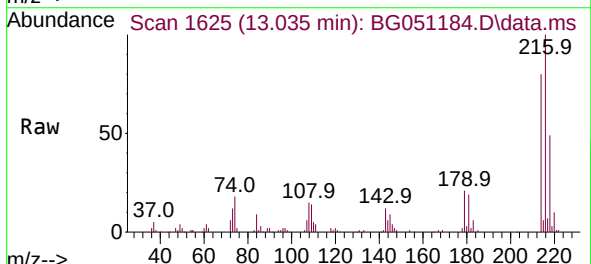
Instrument :
BNA_G
ClientSampleId :
SSTD040423

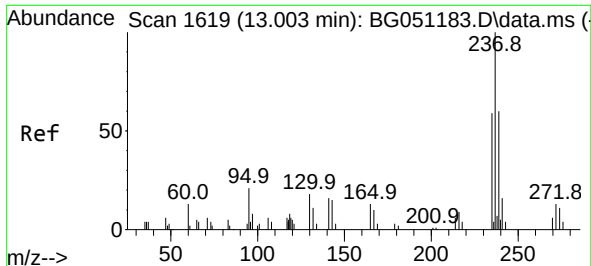
Tgt Ion:142 Resp: 180126
Ion Ratio Lower Upper
142 100
141 93.5 77.8 116.8
116 4.3 3.3 4.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.264 ng/ul
RT: 13.035 min Scan# 1625
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:216 Resp: 102493
Ion Ratio Lower Upper
216 100
214 79.6 61.0 91.4
179 20.9 16.2 24.2
108 15.5 13.1 19.7

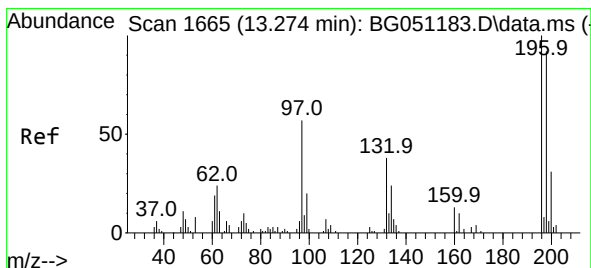
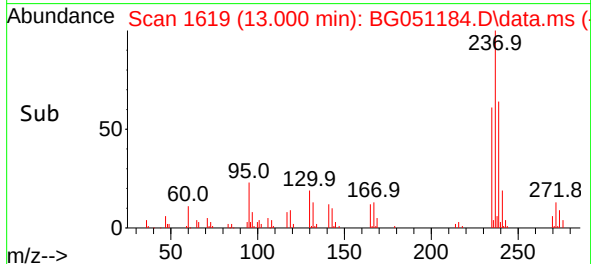
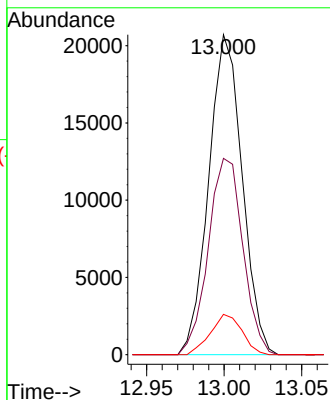
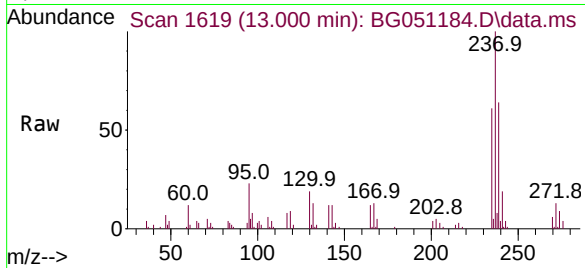




#40
Hexachlorocyclopentadiene
Concen: 27.311 ng/ul
RT: 13.000 min Scan# 1619
Delta R.T. -0.004 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

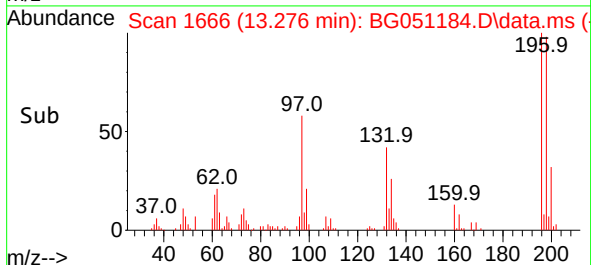
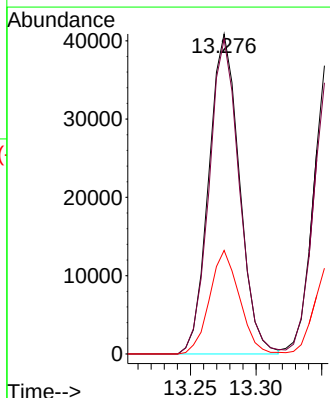
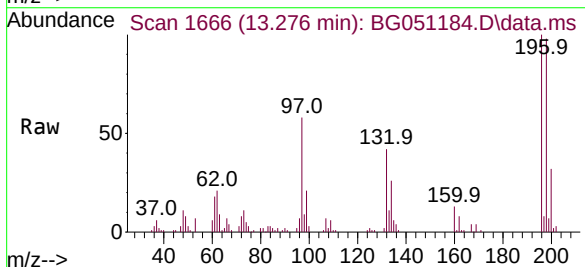
Instrument :
BNA_G
ClientSampleId :
SSTD040423

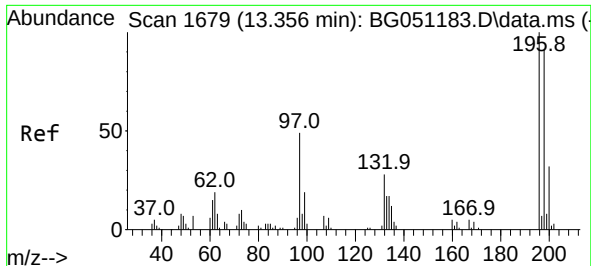
Tgt Ion:237 Resp: 31070
Ion Ratio Lower Upper
237 100
235 61.4 49.4 74.0
272 12.6 11.1 16.7



#41
2,4,6-Trichlorophenol
Concen: 42.778 ng/ul
RT: 13.276 min Scan# 1666
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:196 Resp: 66314
Ion Ratio Lower Upper
196 100
198 98.3 74.3 111.5
200 32.3 23.8 35.6

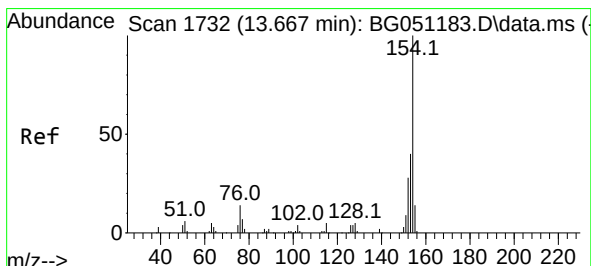
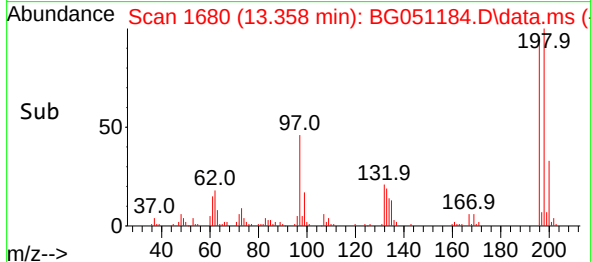
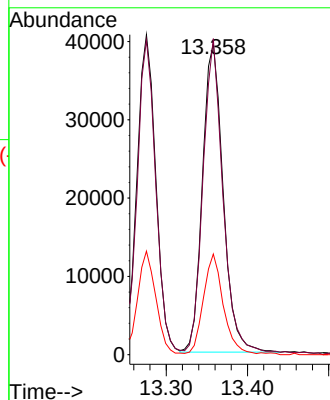
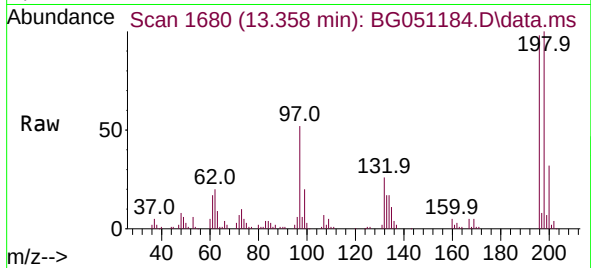




#42
 2,4,5-Trichlorophenol
 Concen: 41.849 ng/ul
 RT: 13.358 min Scan# 1
 Delta R.T. 0.002 min
 Lab File: BG051184.D
 Acq: 23 Nov 2021 12:56

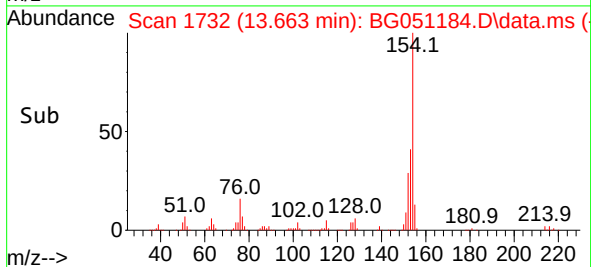
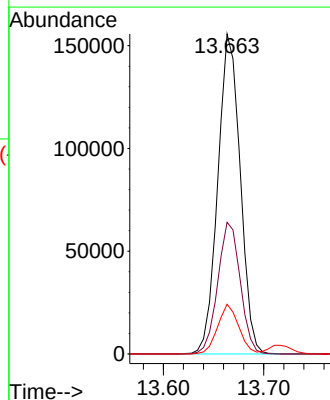
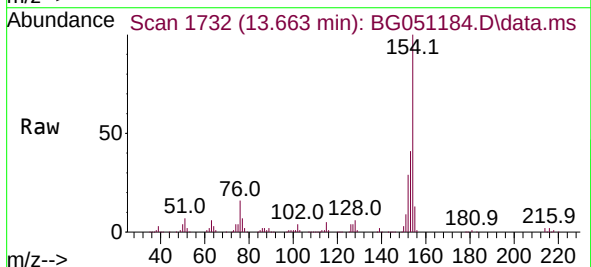
Instrument :
 BNA_G
 ClientSampleId :
 SSTD040423

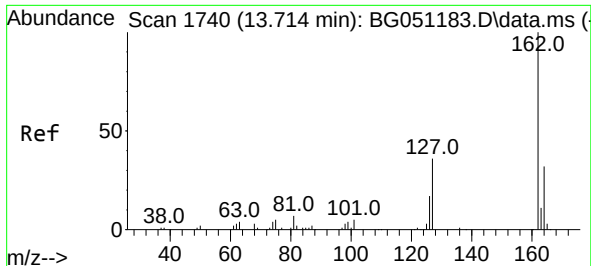
Tgt Ion:196 Resp: 69648
 Ion Ratio Lower Upper
 196 100
 198 101.6 77.0 115.4
 200 32.4 25.4 38.2



#43
 1,1'-Biphenyl
 Concen: 40.563 ng/ul
 RT: 13.663 min Scan# 1732
 Delta R.T. -0.004 min
 Lab File: BG051184.D
 Acq: 23 Nov 2021 12:56

Tgt Ion:154 Resp: 241059
 Ion Ratio Lower Upper
 154 100
 153 41.2 34.5 51.7
 76 15.5 13.1 19.7

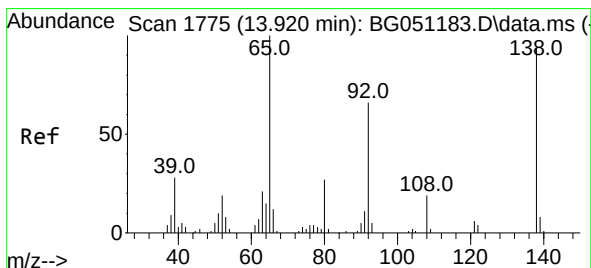
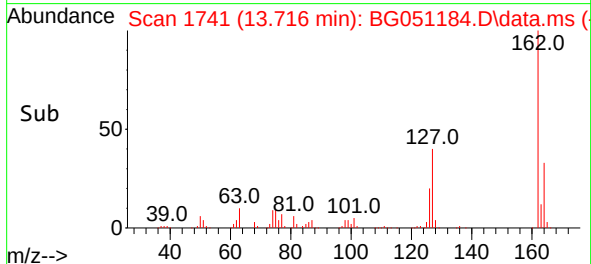
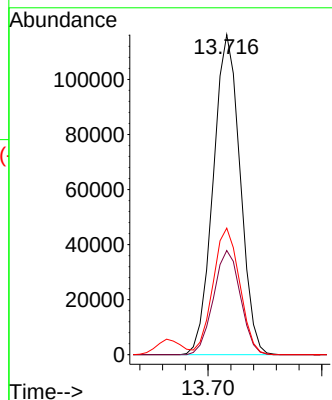
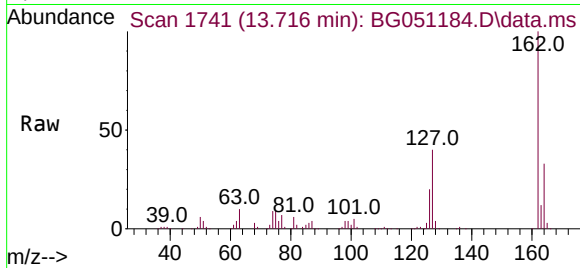




#44
2-Chloronaphthalene
Concen: 41.005 ng/ul
RT: 13.716 min Scan# 1740
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

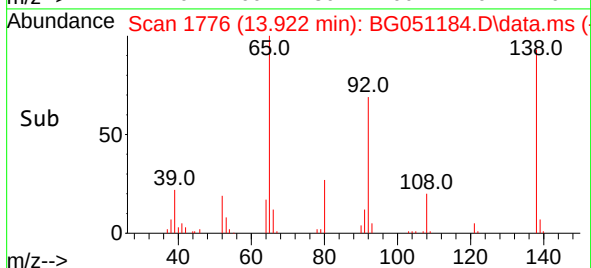
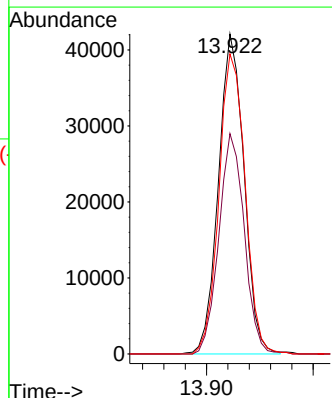
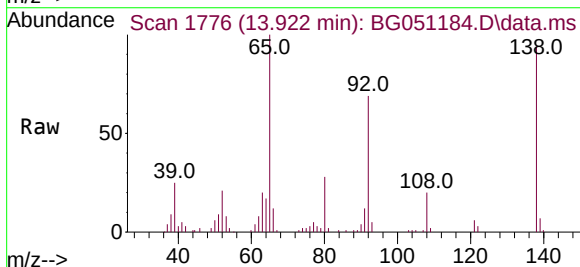
Instrument :
BNA_G
ClientSampleId :
SSTD040423

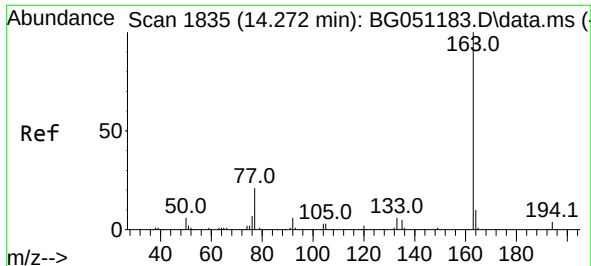
Tgt Ion:162 Resp: 190964
Ion Ratio Lower Upper
162 100
164 32.5 26.1 39.1
127 39.6 31.0 46.4



#45
2-Nitroaniline
Concen: 37.850 ng/ul
RT: 13.922 min Scan# 1776
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion: 65 Resp: 70032
Ion Ratio Lower Upper
65 100
92 68.8 53.0 79.4
138 93.8 67.4 101.0

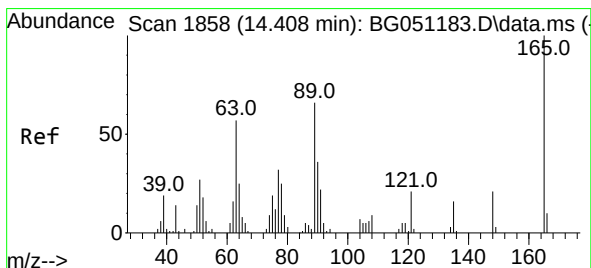
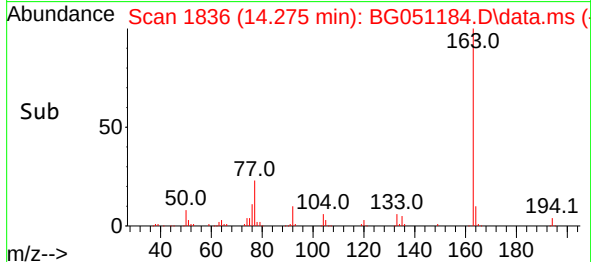
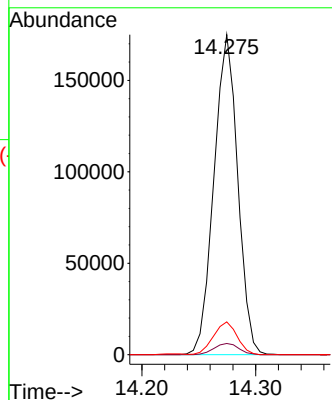
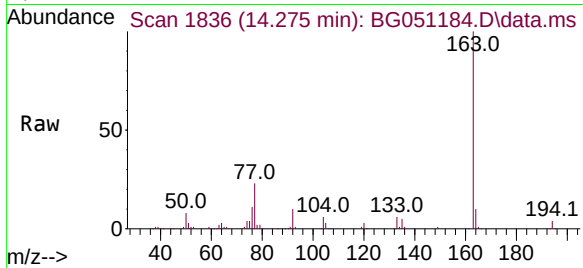




#47
Dimethylphthalate
Concen: 40.893 ng/ul
RT: 14.275 min Scan# 1835
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

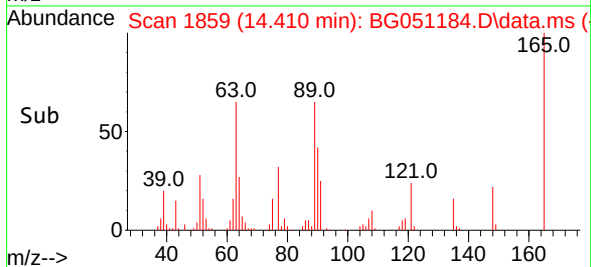
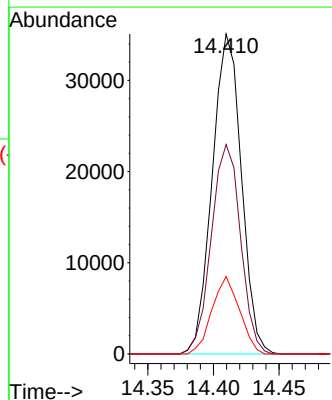
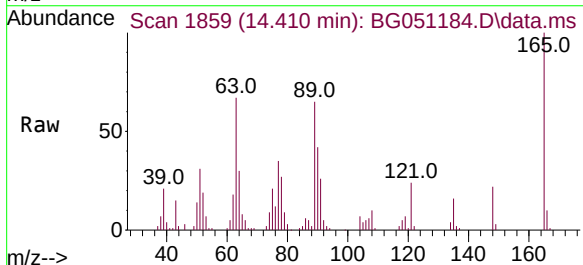
Instrument :
BNA_G
ClientSampleId :
SSTD040423

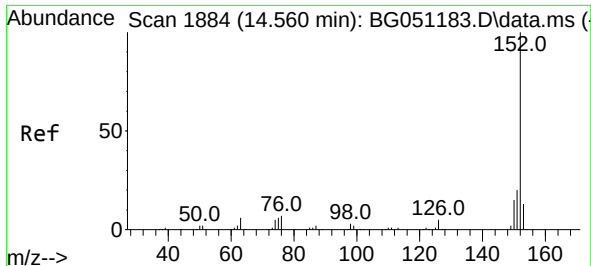
Tgt Ion:163 Resp: 254341
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 41.603 ng/ul
RT: 14.410 min Scan# 1859
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:165 Resp: 54157
Ion Ratio Lower Upper
165 100
89 65.5 57.4 86.0
121 24.2 18.8 28.2

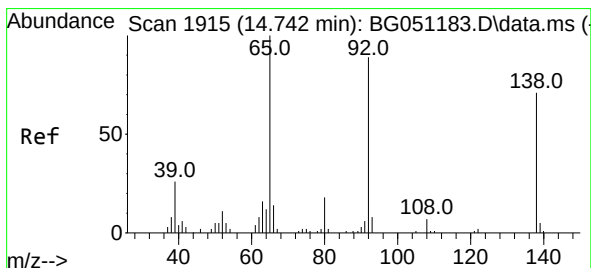
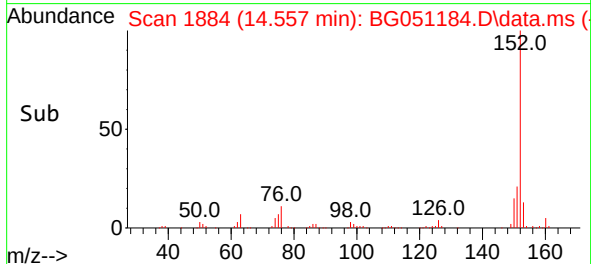
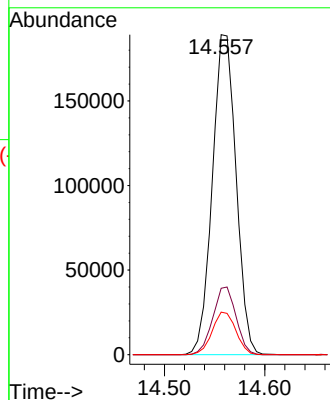
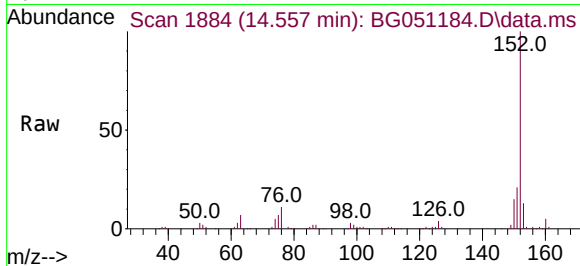




#50
Acenaphthylene
Concen: 40.067 ng/ul
RT: 14.557 min Scan# 1884
Delta R.T. -0.004 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

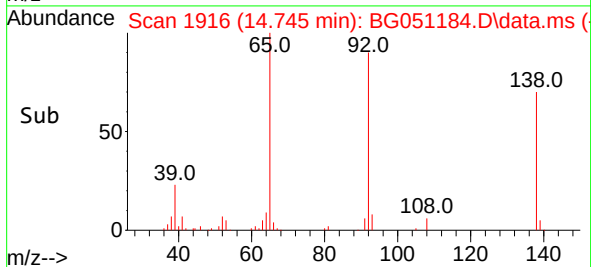
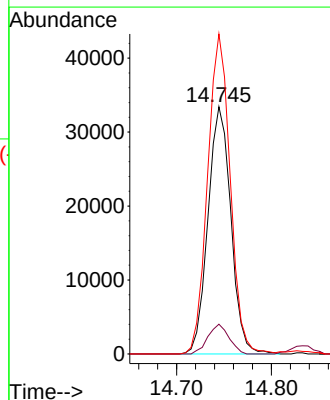
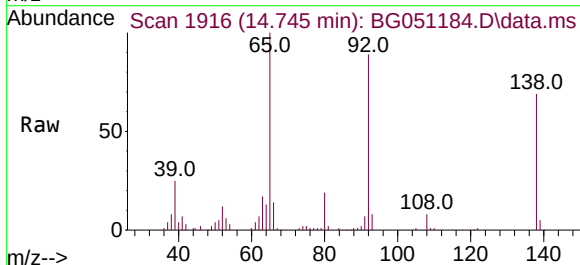
Instrument :
BNA_G
ClientSampleId :
SSTD040423

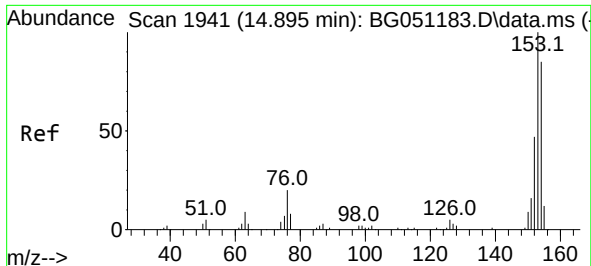
Tgt Ion:152 Resp: 311207
Ion Ratio Lower Upper
152 100
151 20.8 17.4 26.0
153 13.3 10.3 15.5



#51
3-Nitroaniline
Concen: 41.772 ng/ul
RT: 14.745 min Scan# 1916
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:138 Resp: 56240
Ion Ratio Lower Upper
138 100
108 12.0 8.8 13.2
92 129.4 98.0 147.0

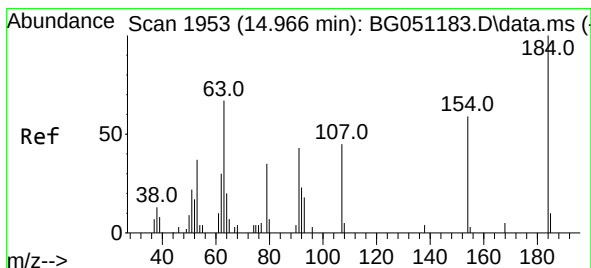
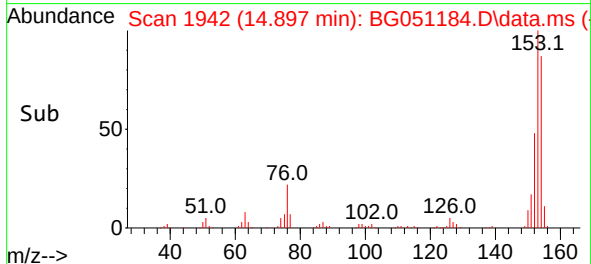
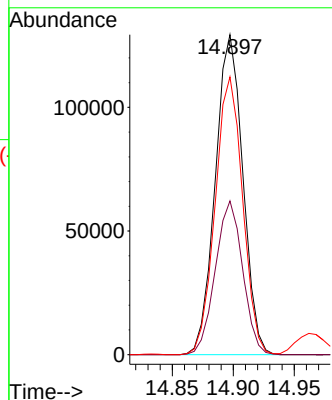
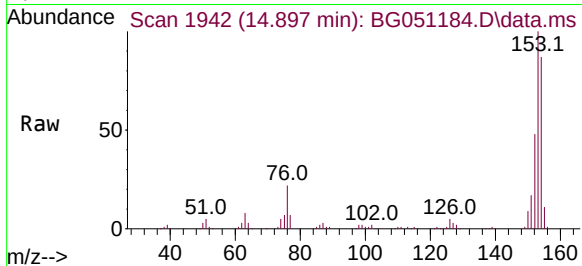




#52
Acenaphthene
Concen: 39.837 ng/ul
RT: 14.897 min Scan# 1941
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

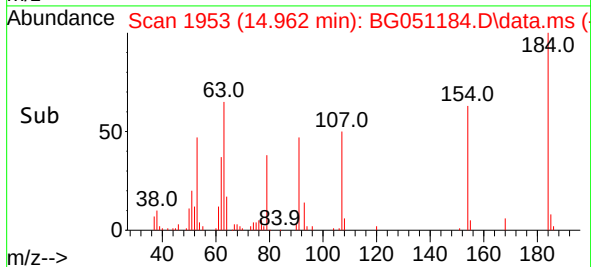
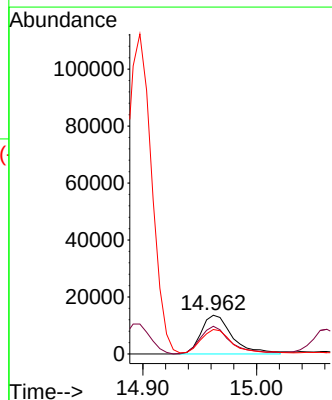
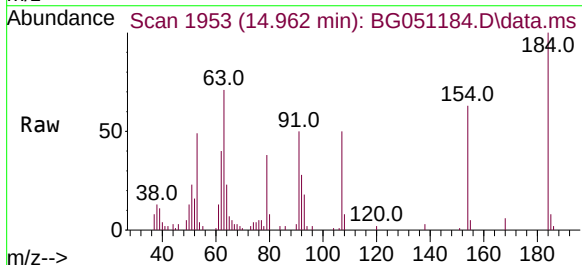
Instrument :
BNA_G
ClientSampleId :
SSTD040423

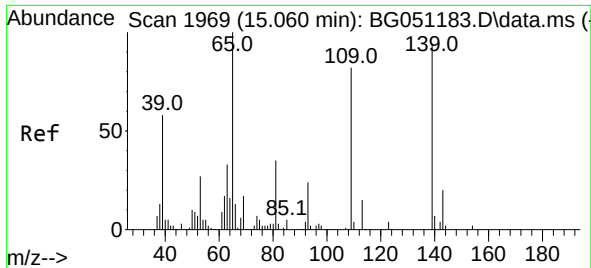
Tgt Ion:153 Resp: 203459
Ion Ratio Lower Upper
153 100
152 48.0 36.5 54.7
154 86.8 65.8 98.6



#53
2,4-Dinitrophenol
Concen: 36.130 ng/ul
RT: 14.962 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:184 Resp: 25946
Ion Ratio Lower Upper
184 100
63 71.3 66.2 99.2
154 63.1 53.6 80.4

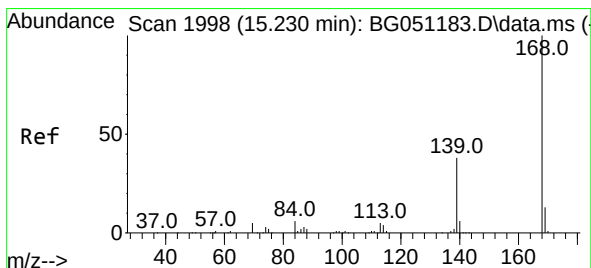
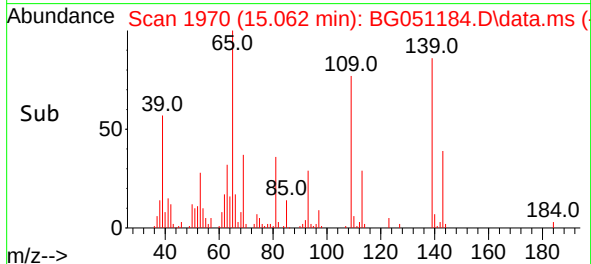
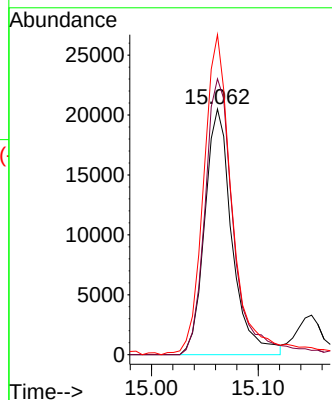
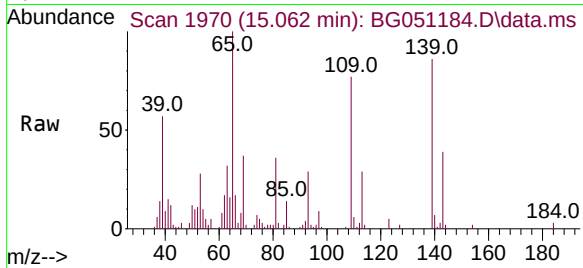




#55
4-Nitrophenol
Concen: 35.291 ng/ul
RT: 15.062 min Scan# 1969
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

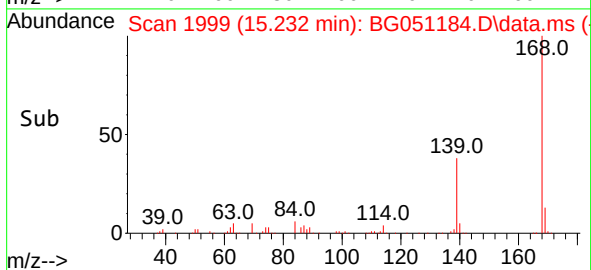
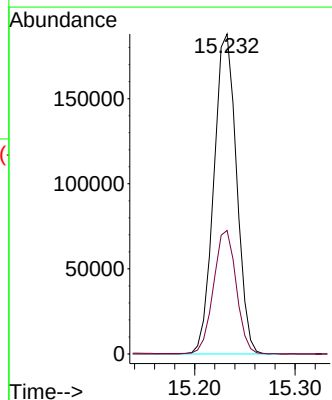
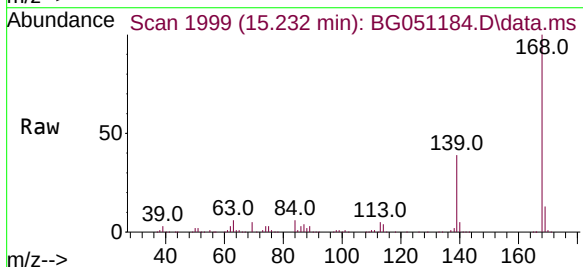
Instrument :
BNA_G
ClientSampleId :
SSTD040423

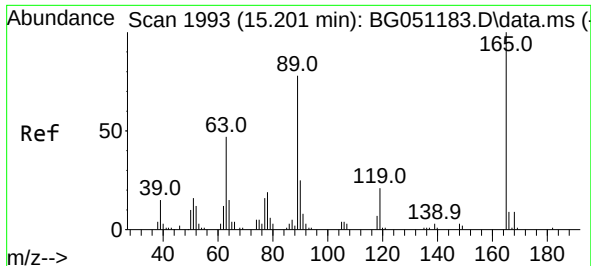
Tgt Ion:109 Resp: 36504
Ion Ratio Lower Upper
109 100
139 112.3 88.7 133.1
65 130.3 113.6 170.4



#56
Dibenzofuran
Concen: 40.408 ng/ul
RT: 15.232 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:168 Resp: 295400
Ion Ratio Lower Upper
168 100
139 38.6 31.2 46.8





#57

2,4-Dinitrotoluene

Concen: 42.185 ng/ul

RT: 15.203 min Scan# 1993

Delta R.T. 0.002 min

Lab File: BG051184.D

Acq: 23 Nov 2021 12:56

Instrument :

BNA_G

ClientSampleId :

SSTD040423

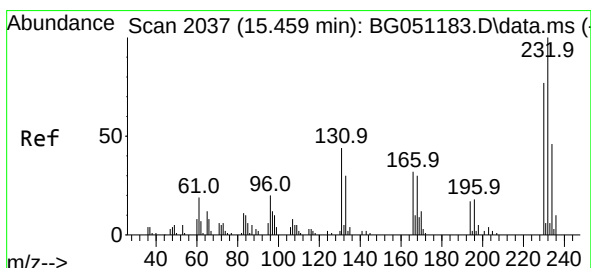
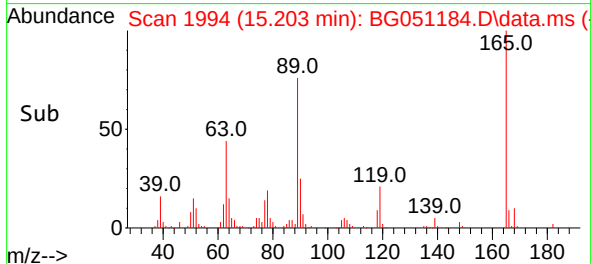
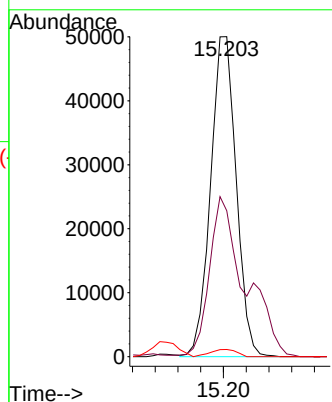
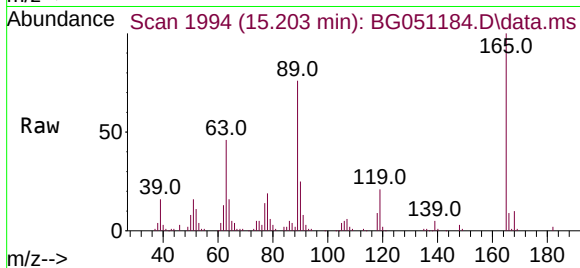
Tgt Ion:165 Resp: 78371

Ion Ratio Lower Upper

165 100

63 45.6 42.1 63.1

182 2.3 1.8 2.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.618 ng/ul

RT: 15.461 min Scan# 2038

Delta R.T. 0.002 min

Lab File: BG051184.D

Acq: 23 Nov 2021 12:56

Tgt Ion:232 Resp: 55740

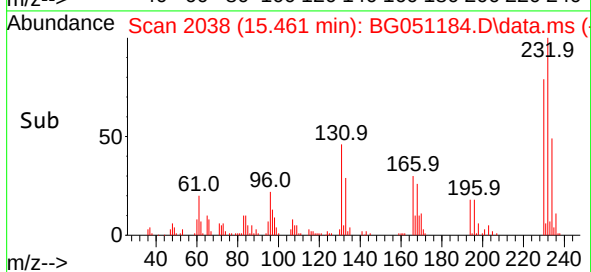
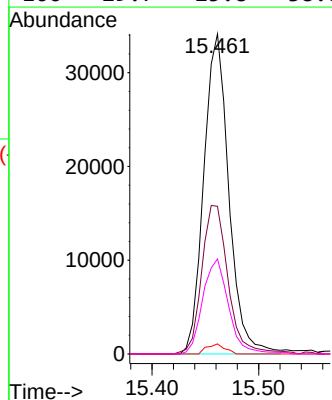
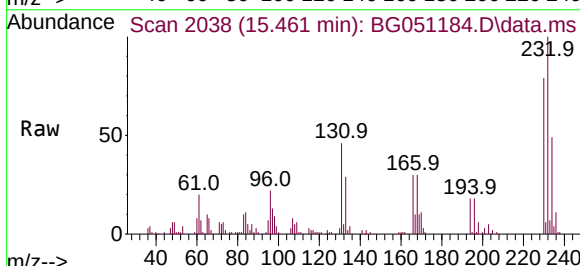
Ion Ratio Lower Upper

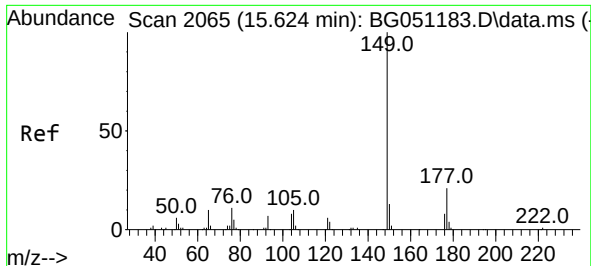
232 100

131 46.2 38.9 58.3

130 3.2 2.4 3.6

166 29.7 25.8 38.8

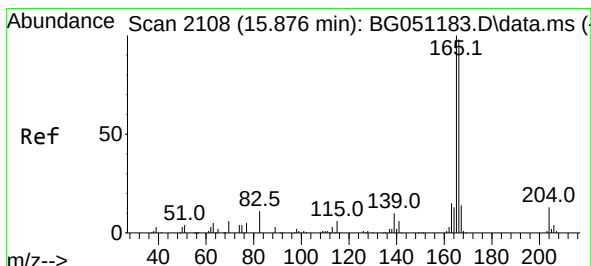
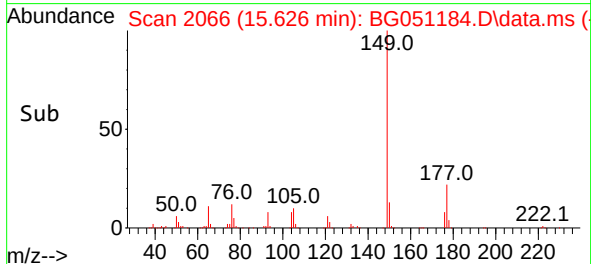
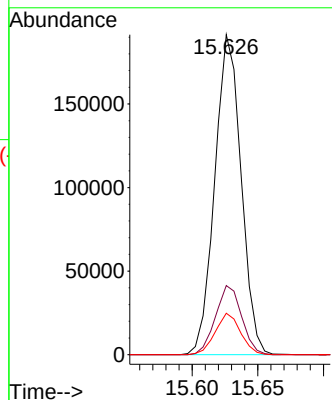
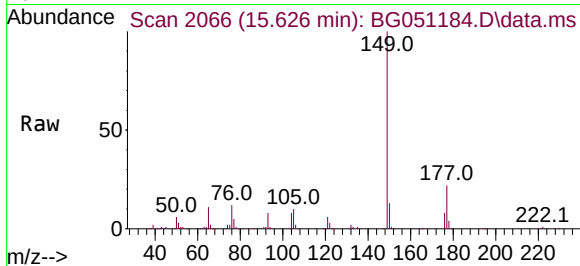




#59
Diethylphthalate
Concen: 40.096 ng/ul
RT: 15.626 min Scan# 2065
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

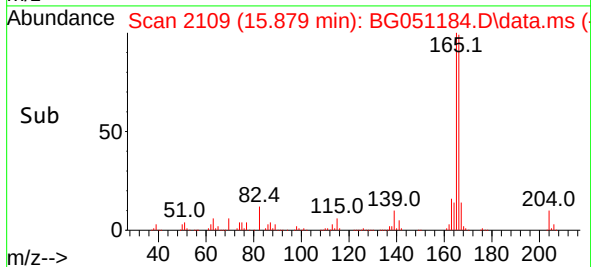
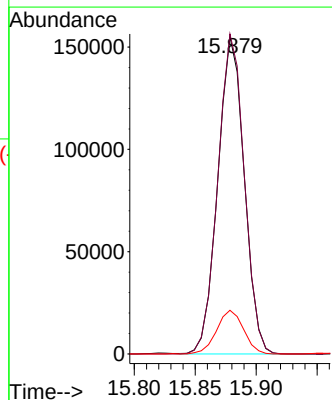
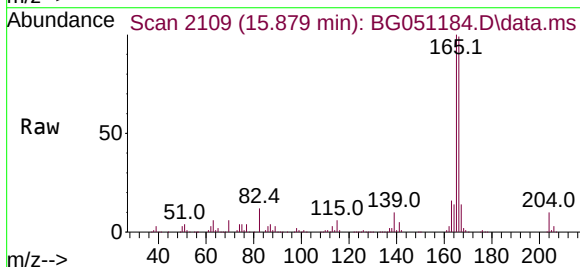
Instrument :
BNA_G
ClientSampleId :
SSTD040423

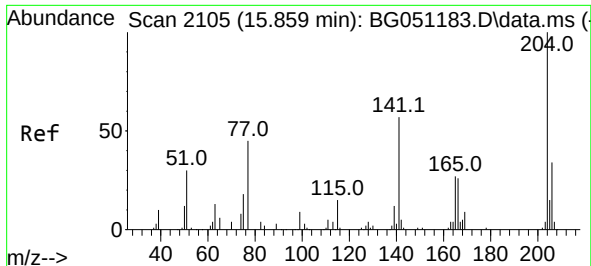
Tgt Ion:149 Resp: 266944
Ion Ratio Lower Upper
149 100
177 21.6 16.8 25.2
150 13.0 10.1 15.1



#61
Fluorene
Concen: 40.427 ng/ul
RT: 15.879 min Scan# 2109
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:166 Resp: 233915
Ion Ratio Lower Upper
166 100
165 100.8 81.0 121.6
167 13.7 11.0 16.4





#62

4-Chlorophenyl-phenylether

Concen: 42.020 ng/ul

RT: 15.861 min Scan# 2106

Delta R.T. 0.002 min

Lab File: BG051184.D

Acq: 23 Nov 2021 12:56

Instrument :

BNA_G

ClientSampleId :

SSTD040423

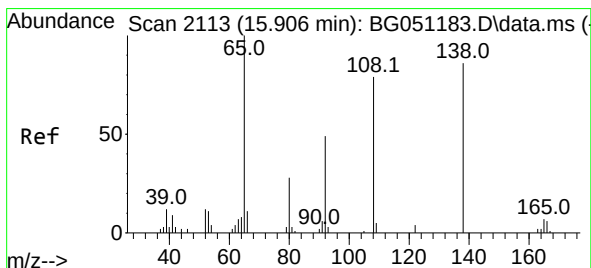
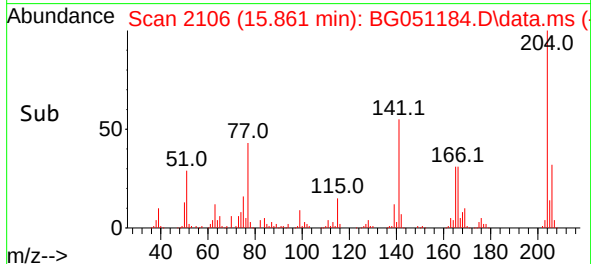
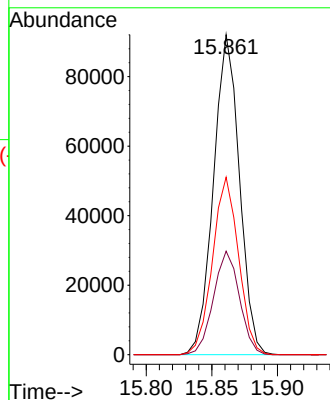
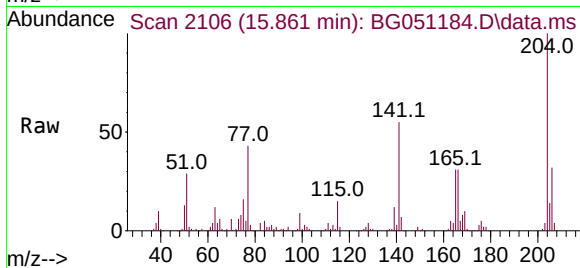
Tgt Ion:204 Resp: 126607

Ion Ratio Lower Upper

204 100

206 32.4 27.4 41.2

141 55.4 48.6 73.0



#63

4-Nitroaniline

Concen: 42.230 ng/ul

RT: 15.908 min Scan# 2114

Delta R.T. 0.002 min

Lab File: BG051184.D

Acq: 23 Nov 2021 12:56

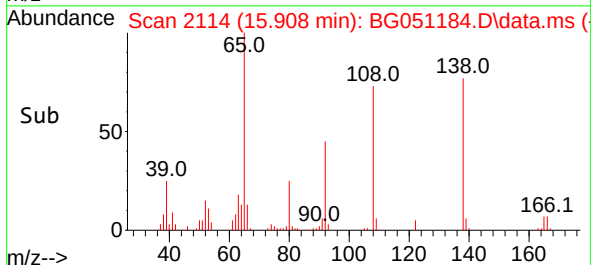
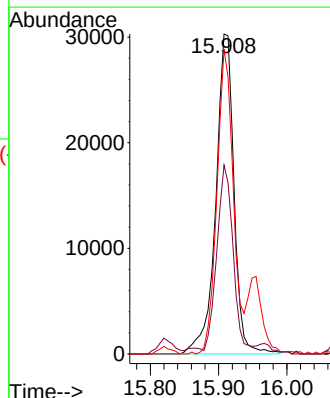
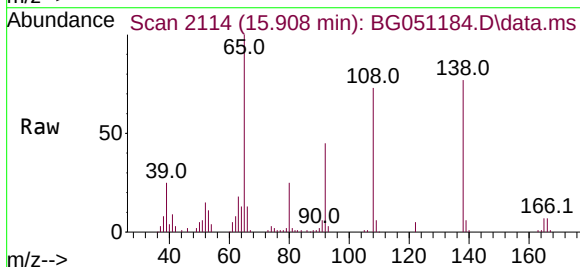
Tgt Ion:138 Resp: 56406

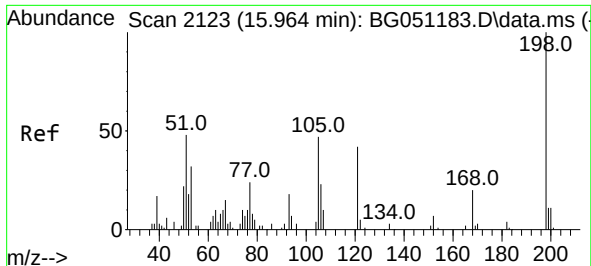
Ion Ratio Lower Upper

138 100

92 59.0 49.3 73.9

108 95.2 72.6 108.8

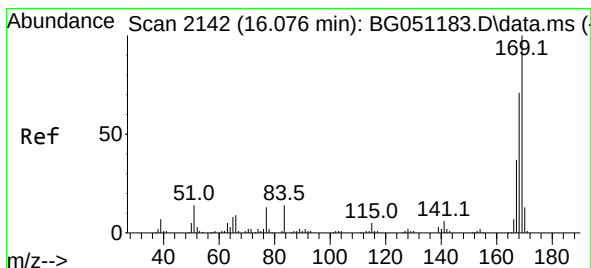
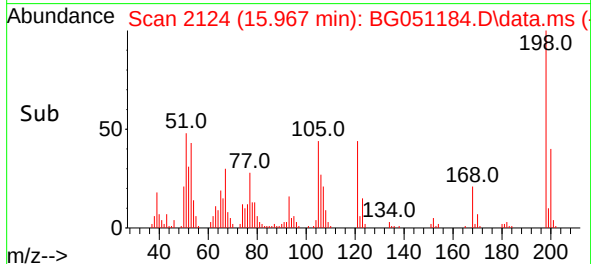
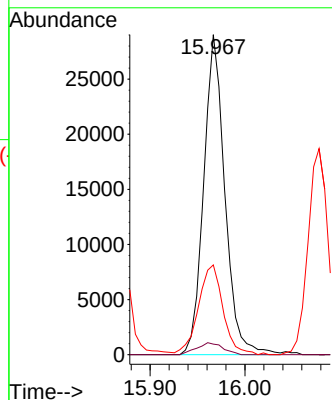
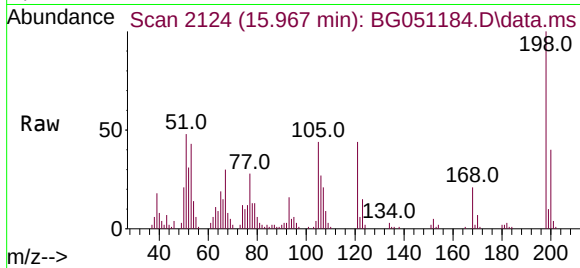




#66
4,6-Dinitro-2-methylphenol
Concen: 41.437 ng/ul
RT: 15.967 min Scan# 2123
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

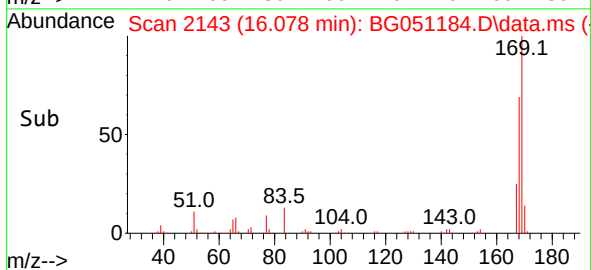
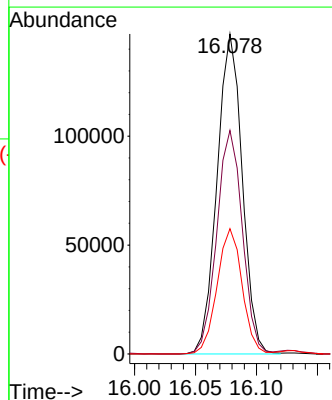
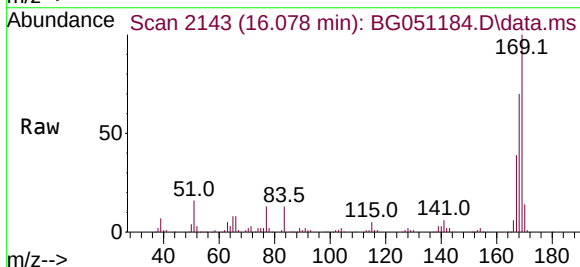
Instrument :
BNA_G
ClientSampleId :
SSTD040423

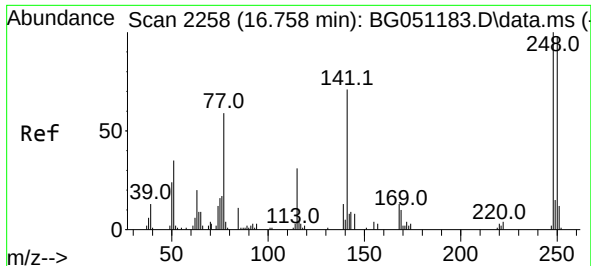
Tgt Ion:198 Resp: 45009
Ion Ratio Lower Upper
198 100
182 3.3 3.8 5.8#
77 28.0 23.2 34.8



#67
N-Nitrosodiphenylamine
Concen: 41.199 ng/ul
RT: 16.078 min Scan# 2143
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:169 Resp: 211569
Ion Ratio Lower Upper
169 100
168 69.8 58.5 87.7
167 39.2 31.3 46.9

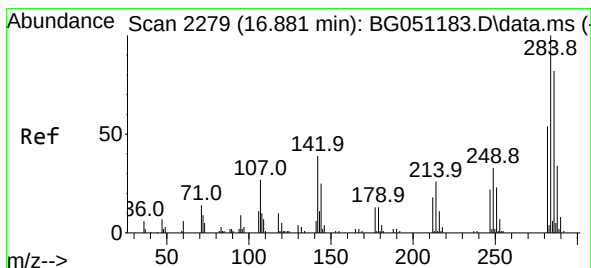
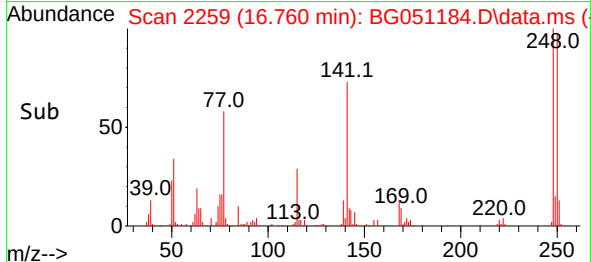
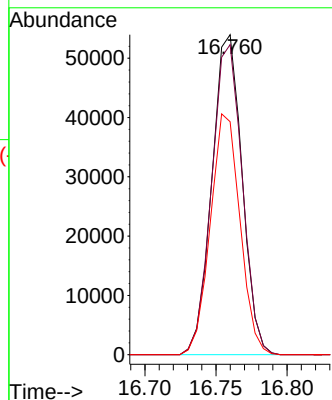
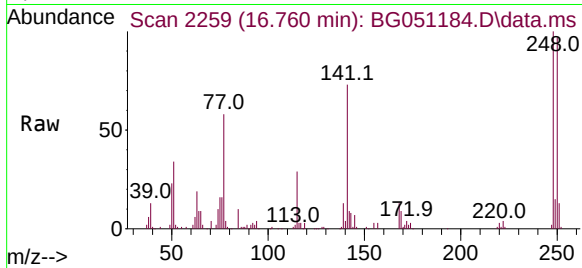




#68
4-Bromophenyl-phenylether
Concen: 43.527 ng/ul
RT: 16.760 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

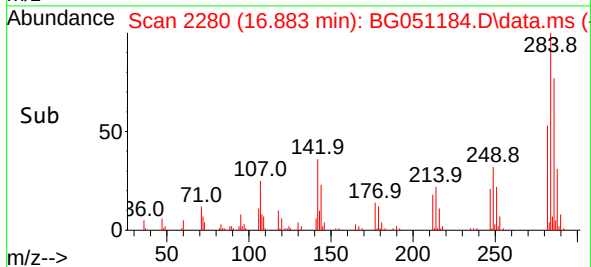
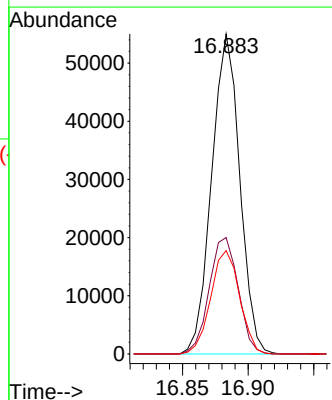
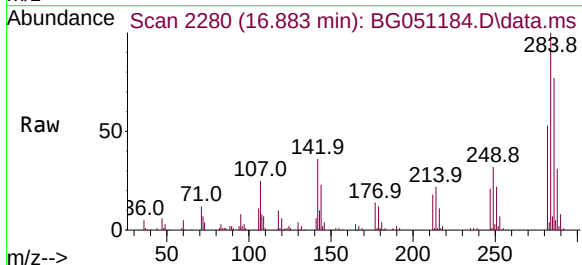
Instrument :
BNA_G
ClientSampleId :
SSTD040423

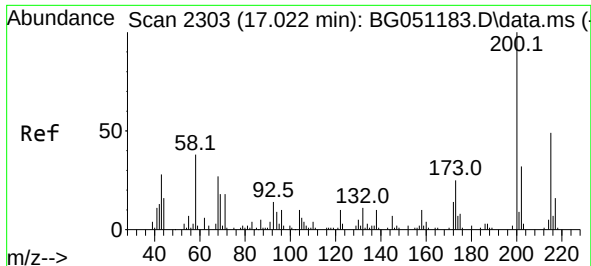
Tgt Ion:248 Resp: 79544
Ion Ratio Lower Upper
248 100
250 96.9 75.5 113.3
141 72.8 67.6 101.4



#69
Hexachlorobenzene
Concen: 43.543 ng/ul
RT: 16.883 min Scan# 2280
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:284 Resp: 81805
Ion Ratio Lower Upper
284 100
142 36.4 31.9 47.9
249 32.3 25.8 38.6

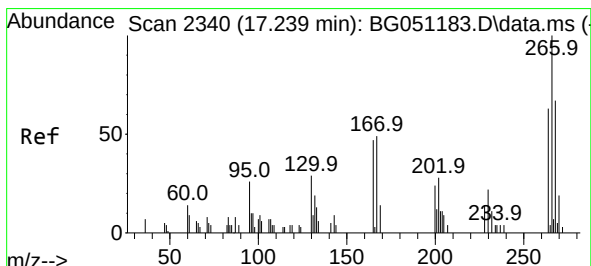
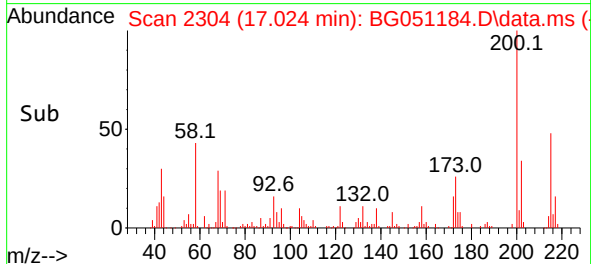
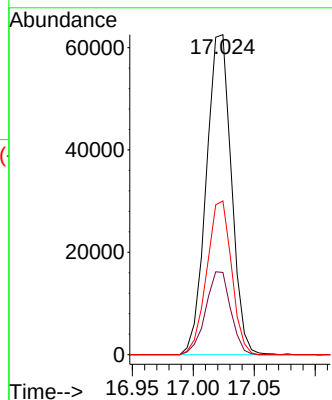
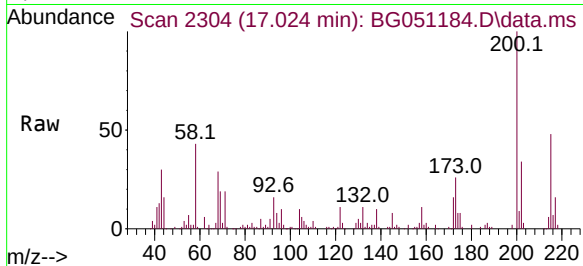




#70
Atrazine
Concen: 41.142 ng/ul
RT: 17.024 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

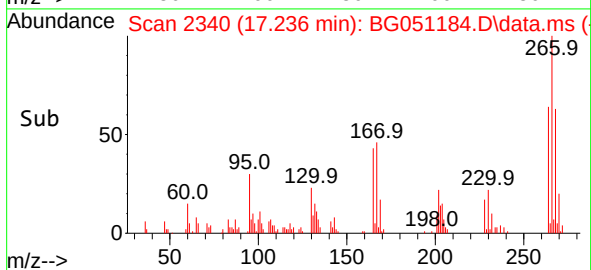
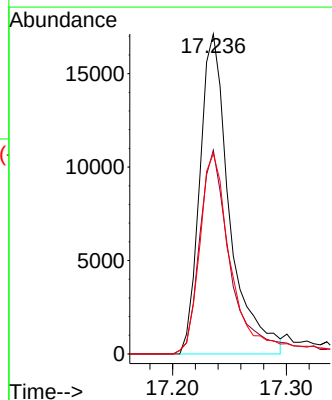
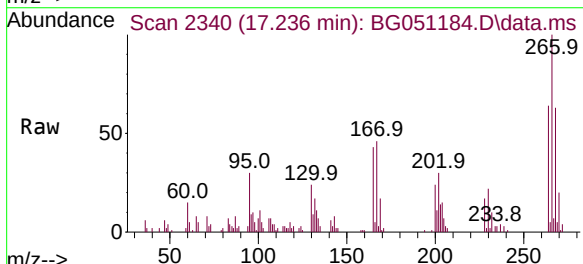
Instrument :
BNA_G
ClientSampleId :
SSTD040423

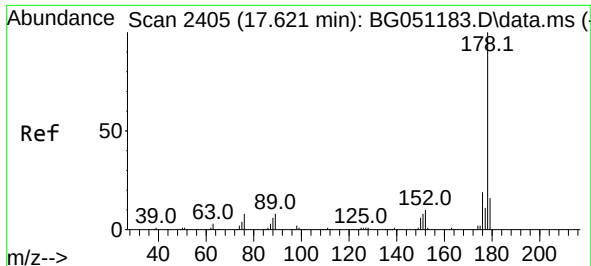
Tgt Ion:200 Resp: 89595
Ion Ratio Lower Upper
200 100
173 25.7 20.2 30.2
215 48.1 38.1 57.1



#71
Pentachlorophenol
Concen: 36.149 ng/ul
RT: 17.236 min Scan# 2340
Delta R.T. -0.004 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:266 Resp: 31180
Ion Ratio Lower Upper
266 100
264 63.7 54.3 81.5
268 62.6 51.0 76.6

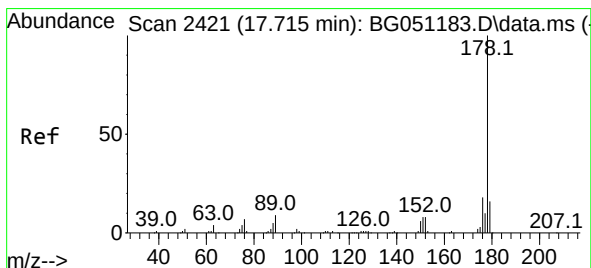
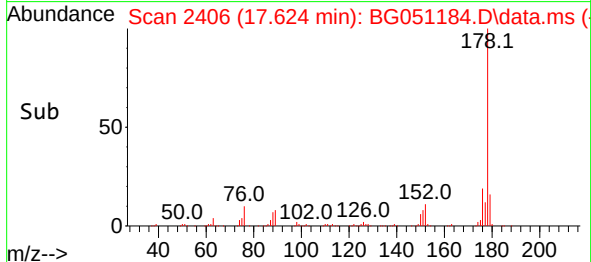
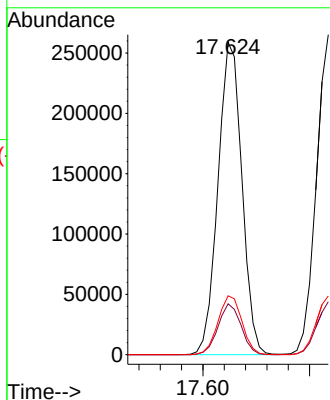
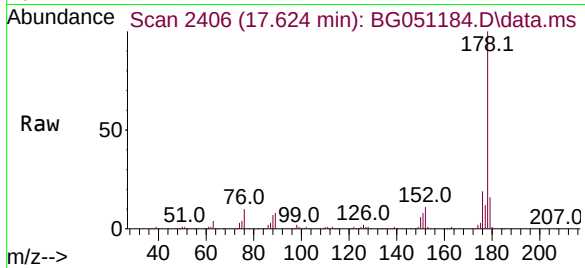




#72
Phenanthrene
Concen: 41.094 ng/ul
RT: 17.624 min Scan# 2405
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

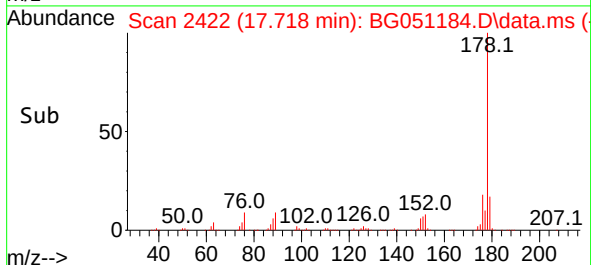
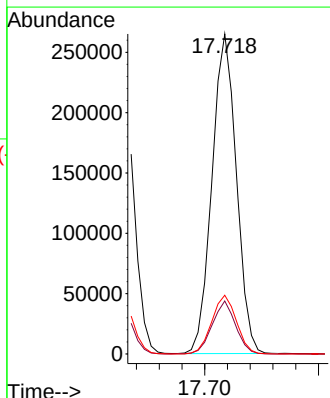
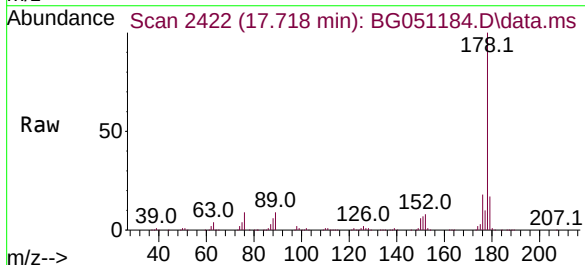
Instrument :
BNA_G
ClientSampleId :
SSTD040423

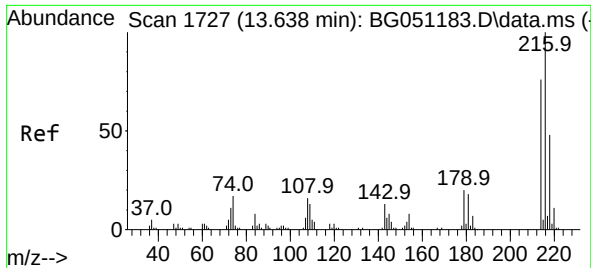
Tgt Ion:178 Resp: 402993
Ion Ratio Lower Upper
178 100
179 16.3 12.3 18.5
176 18.9 15.5 23.3



#74
Anthracene
Concen: 40.150 ng/ul
RT: 17.718 min Scan# 2422
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:178 Resp: 395057
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 18.4 15.6 23.4

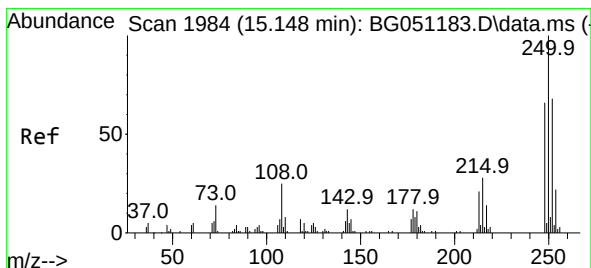
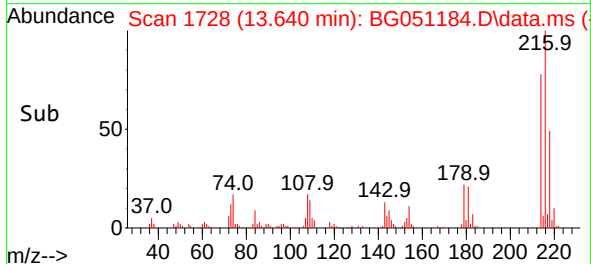
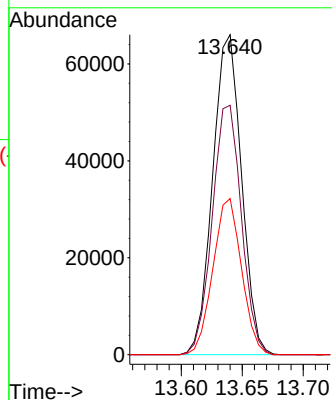
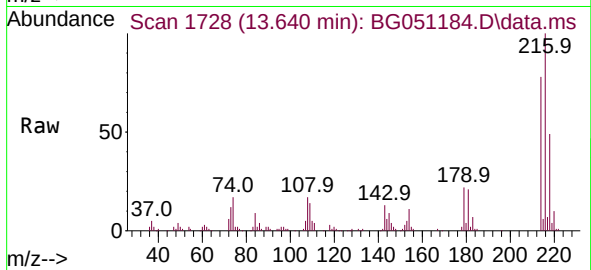




#75
1,2,3,4-Tetrachlorobenzene
Concen: 43.492 ng/uL
RT: 13.640 min Scan# 1727
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

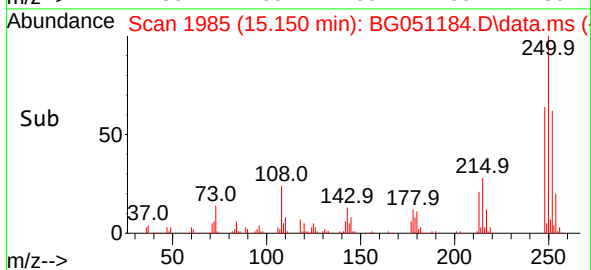
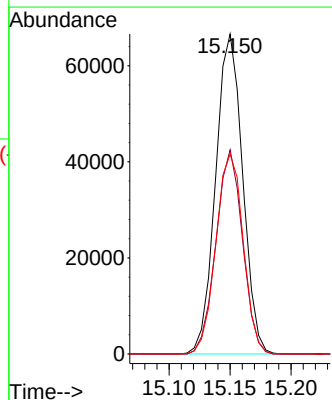
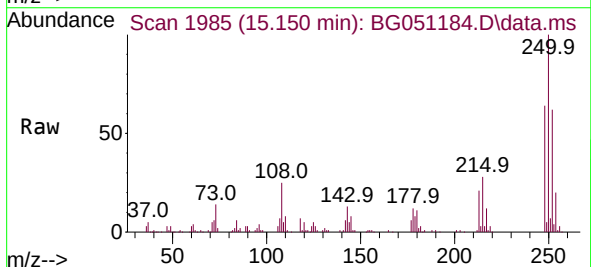
Instrument :
BNA_G
ClientSampleId :
SSTD040423

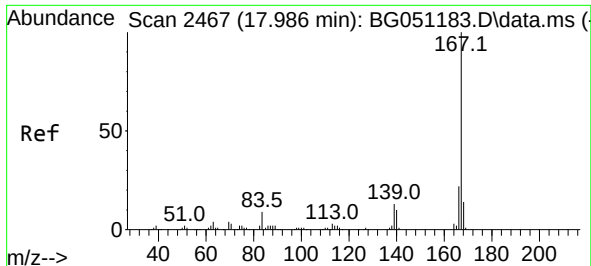
Tgt Ion:216 Resp: 108793
Ion Ratio Lower Upper
216 100
214 78.0 61.3 91.9
218 48.8 37.0 55.6



#76
Pentachlorobenzene
Concen: 44.297 ng/uL
RT: 15.150 min Scan# 1985
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:250 Resp: 102670
Ion Ratio Lower Upper
250 100
248 63.8 50.5 75.7
252 62.5 51.2 76.8

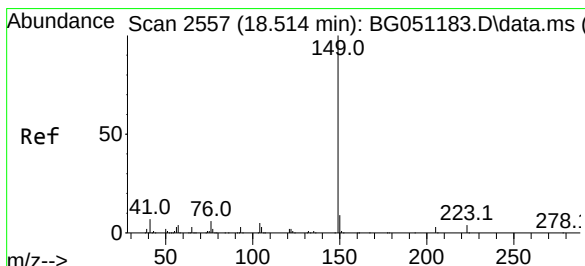
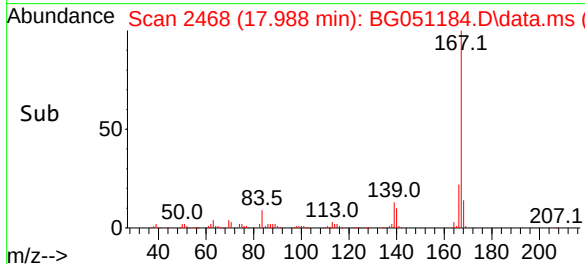
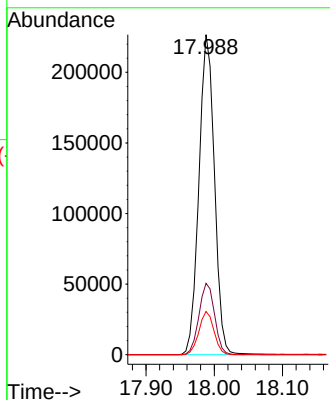
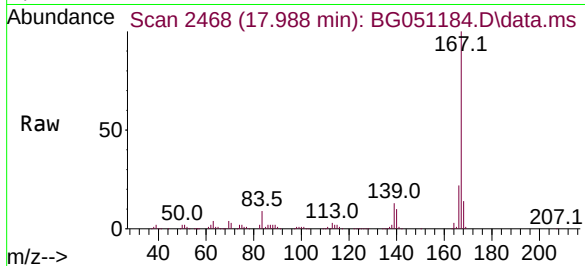




#77
Carbazole
Concen: 40.712 ng/ul
RT: 17.988 min Scan# 2467
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

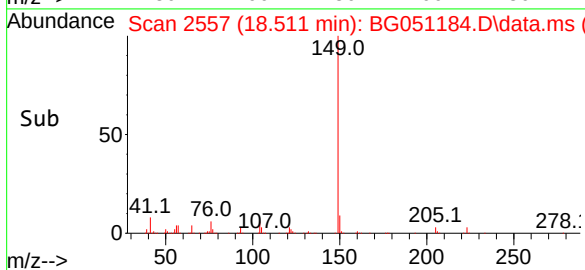
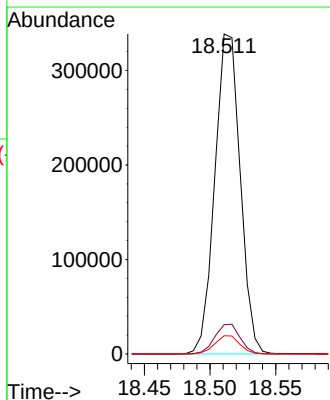
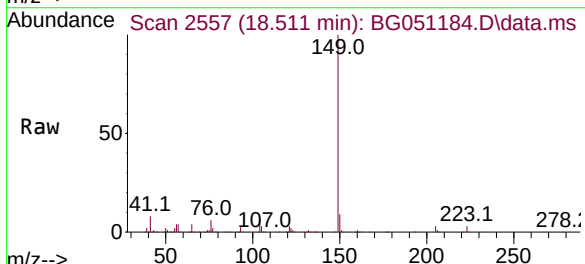
Instrument :
BNA_G
ClientSampleId :
SSTD040423

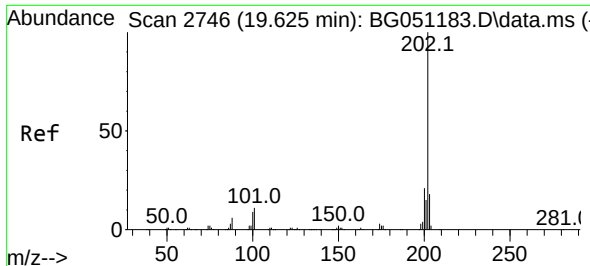
Tgt Ion:167 Resp: 359053
Ion Ratio Lower Upper
167 100
166 22.3 17.3 25.9
139 13.5 10.6 16.0



#78
Di-n-butylphthalate
Concen: 39.286 ng/ul
RT: 18.511 min Scan# 2557
Delta R.T. -0.004 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:149 Resp: 455272
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.7 5.0 7.6

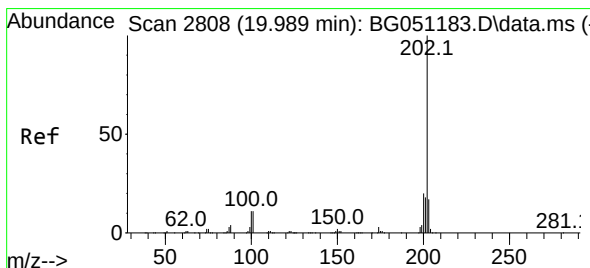
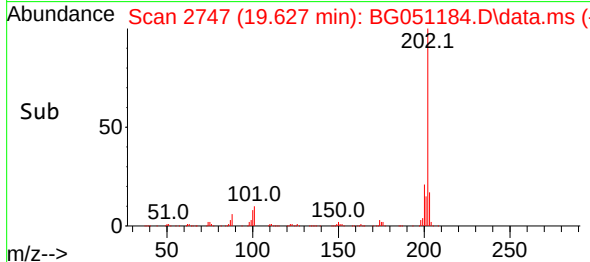
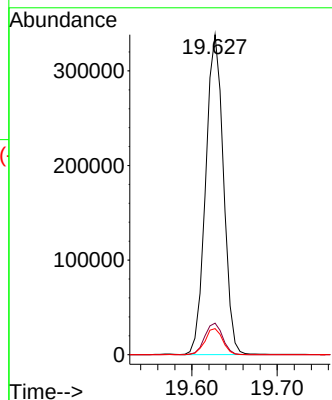
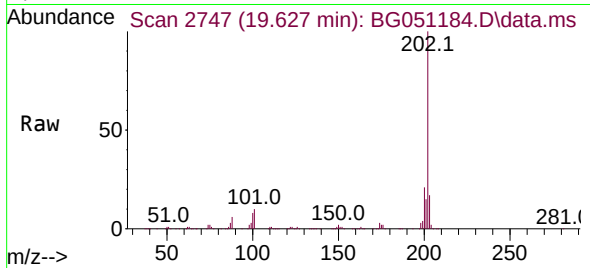




#80
Fluoranthene
Concen: 39.284 ng/u1
RT: 19.627 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

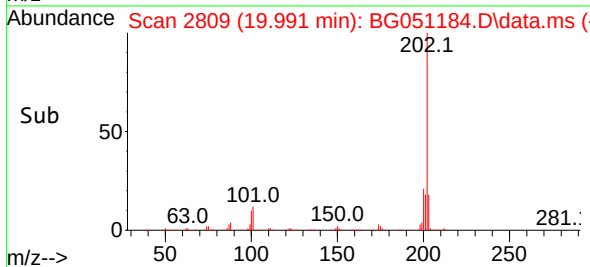
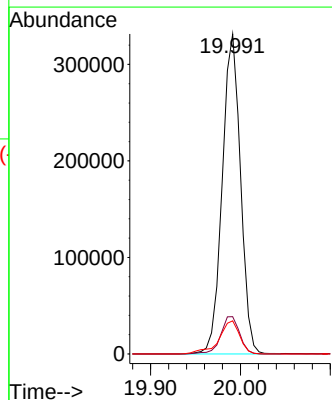
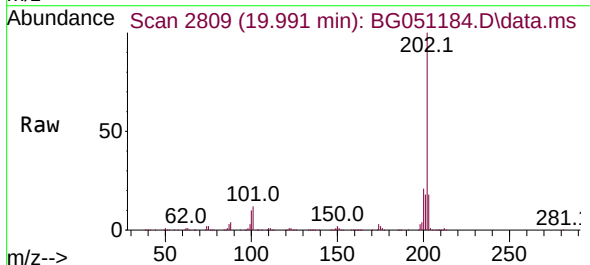
Instrument :
BNA_G
ClientSampleId :
SSTD040423

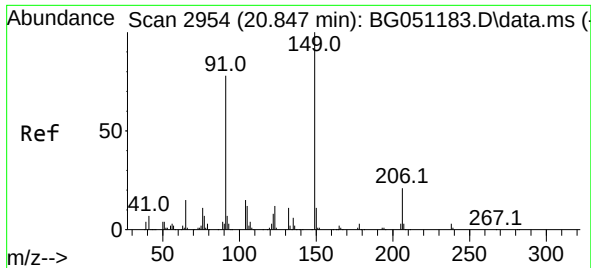
Tgt Ion:202 Resp: 488524
Ion Ratio Lower Upper
202 100
101 9.8 9.3 13.9
100 8.2 7.0 10.6



#82
Pyrene
Concen: 38.517 ng/u1
RT: 19.991 min Scan# 2809
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:202 Resp: 468022
Ion Ratio Lower Upper
202 100
101 11.6 10.7 16.1
100 10.3 9.0 13.6

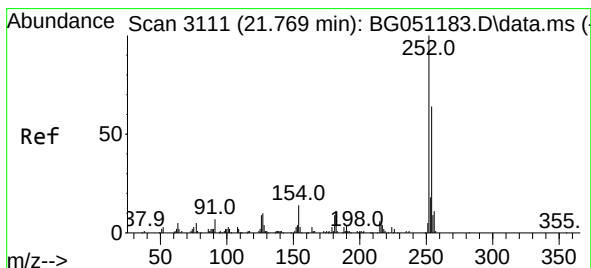
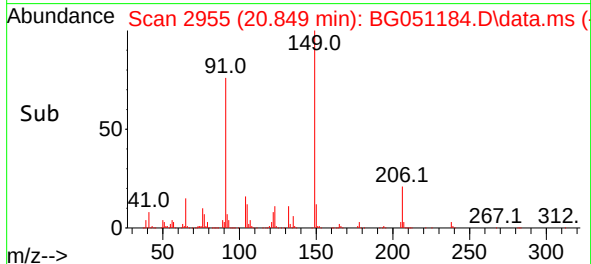
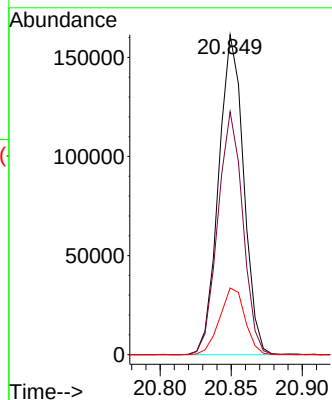
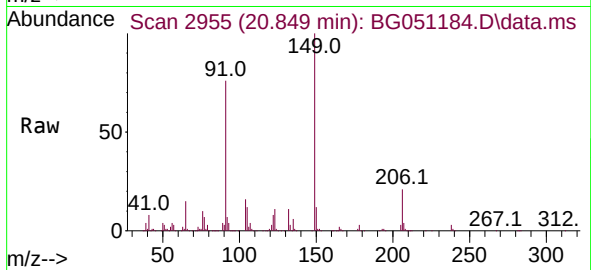




#83
Butylbenzylphthalate
Concen: 37.855 ng/ul
RT: 20.849 min Scan# 2954
Delta R.T. 0.002 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

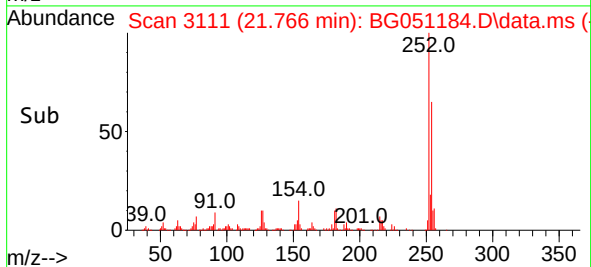
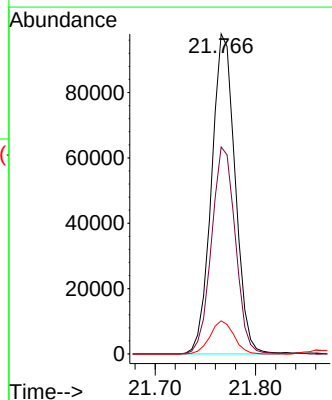
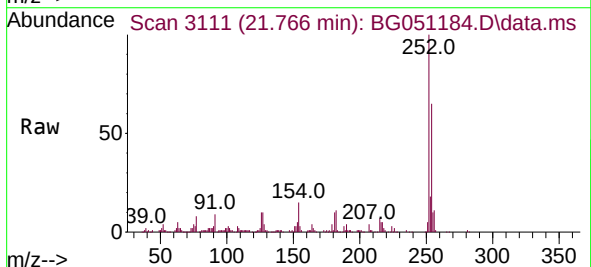
Instrument :
BNA_G
ClientSampleId :
SSTD040423

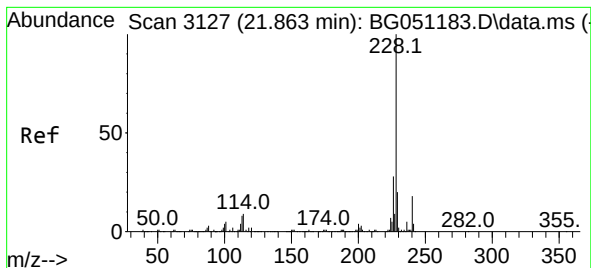
Tgt Ion:149 Resp: 197797
Ion Ratio Lower Upper
149 100
91 76.0 65.2 97.8
206 20.9 16.2 24.2



#84
3,3'-Dichlorobenzidine
Concen: 41.007 ng/ul
RT: 21.766 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:252 Resp: 160219
Ion Ratio Lower Upper
252 100
254 64.7 50.8 76.2
126 10.3 9.0 13.4





#85

Benzo(a)anthracene

Concen: 39.487 ng/ul

RT: 21.866 min Scan# 3127

Delta R.T. 0.002 min

Lab File: BG051184.D

Acq: 23 Nov 2021 12:56

Instrument :

BNA_G

ClientSampleId :

SSTD040423

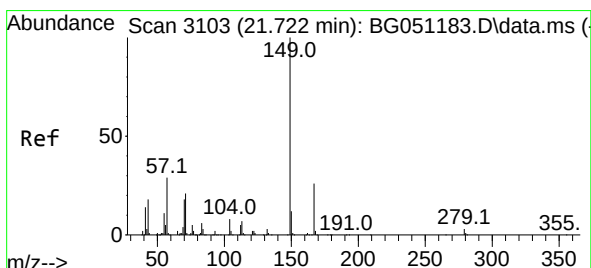
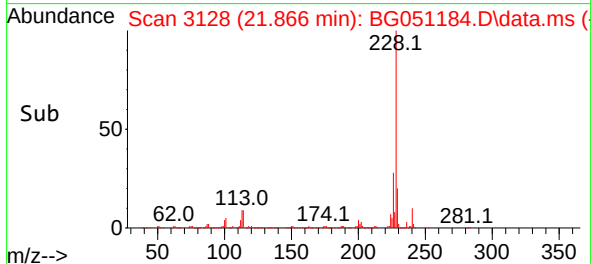
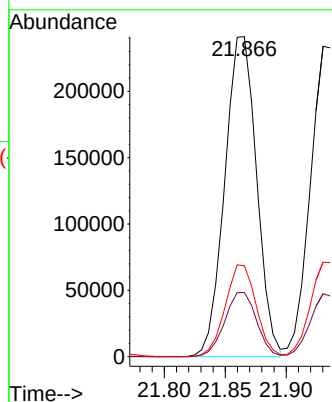
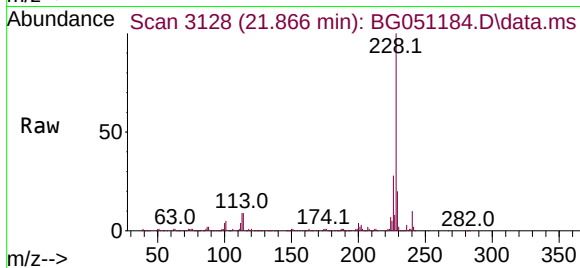
Tgt Ion:228 Resp: 438569

Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

226 28.5 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.942 ng/ul

RT: 21.725 min Scan# 3104

Delta R.T. 0.002 min

Lab File: BG051184.D

Acq: 23 Nov 2021 12:56

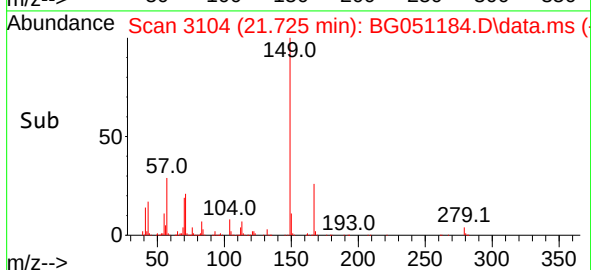
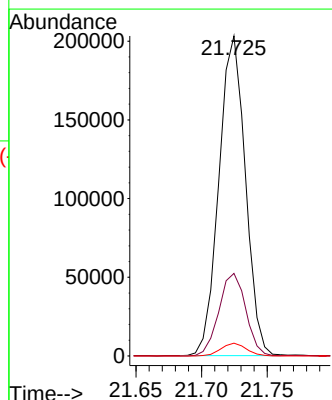
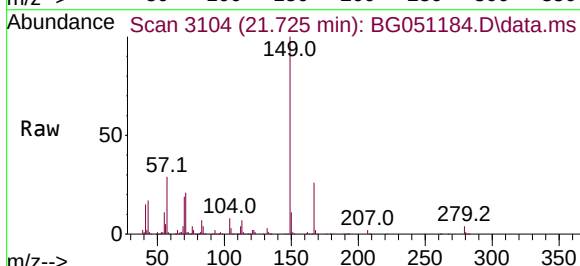
Tgt Ion:149 Resp: 284579

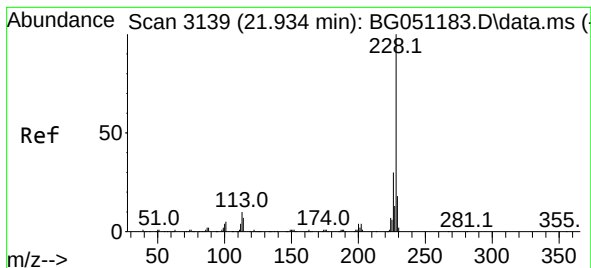
Ion Ratio Lower Upper

149 100

167 25.8 21.1 31.7

279 4.0 2.7 4.1





#87

Chrysene

Concen: 39.580 ng/ul

RT: 21.930 min Scan# 3139

Delta R.T. -0.004 min

Lab File: BG051184.D

Acq: 23 Nov 2021 12:56

Instrument :

BNA_G

ClientSampleId :

SSTD040423

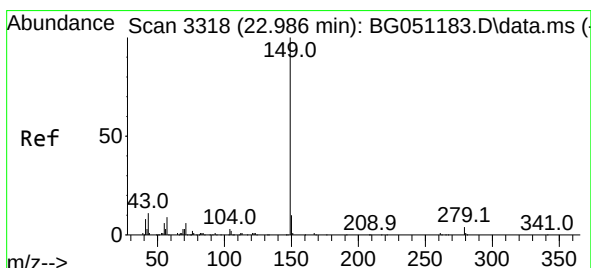
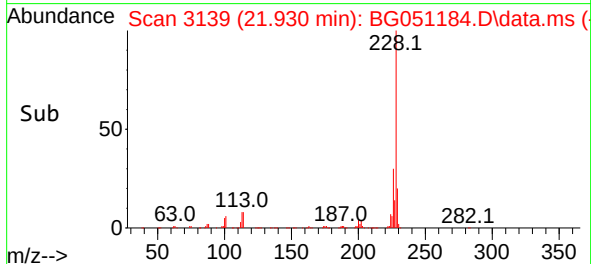
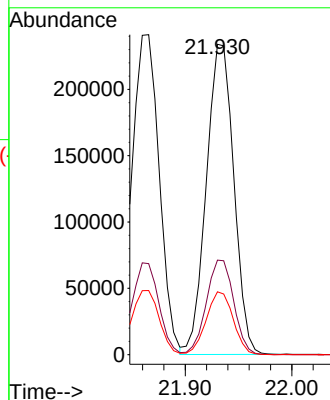
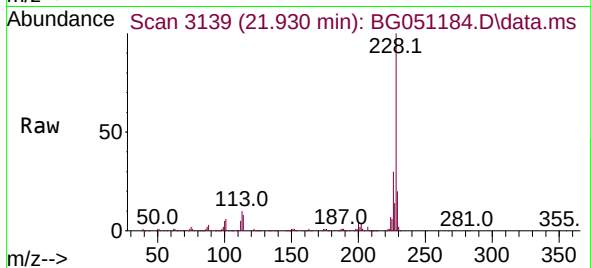
Tgt Ion:228 Resp: 419937

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

229 20.3 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 36.206 ng/ul

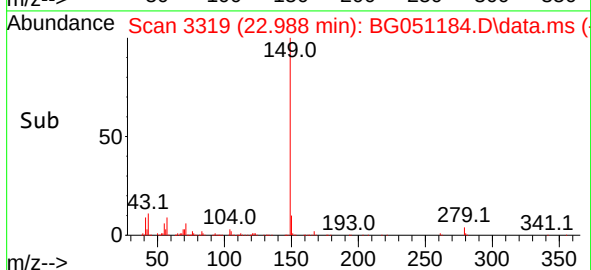
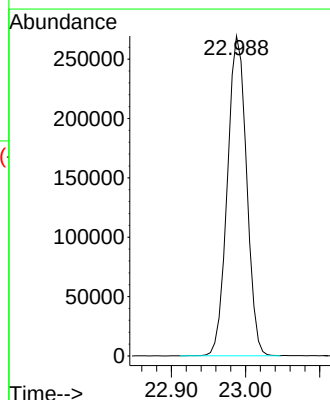
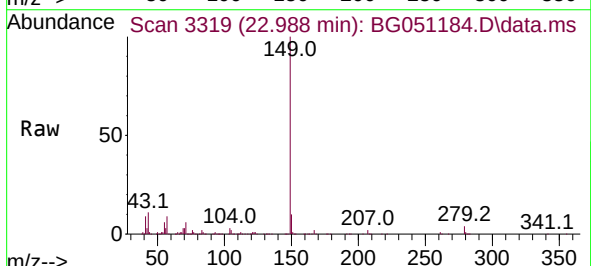
RT: 22.988 min Scan# 3319

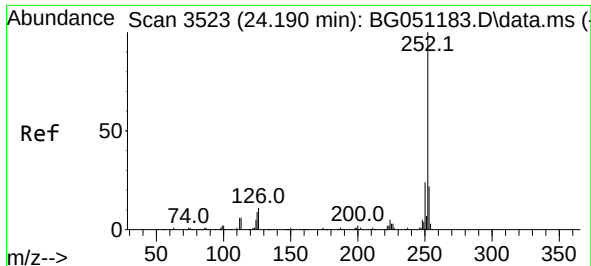
Delta R.T. 0.002 min

Lab File: BG051184.D

Acq: 23 Nov 2021 12:56

Tgt Ion:149 Resp: 483887

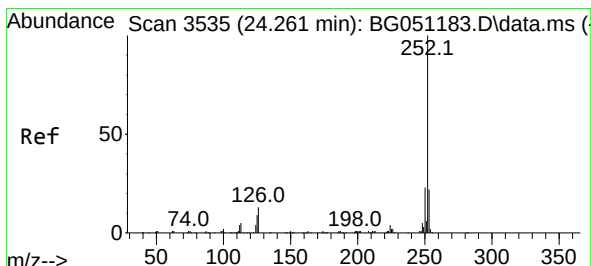
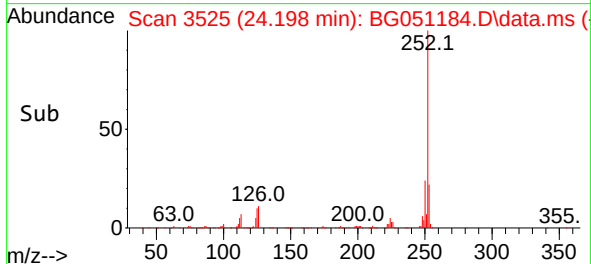
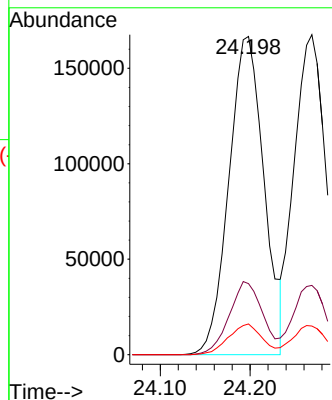
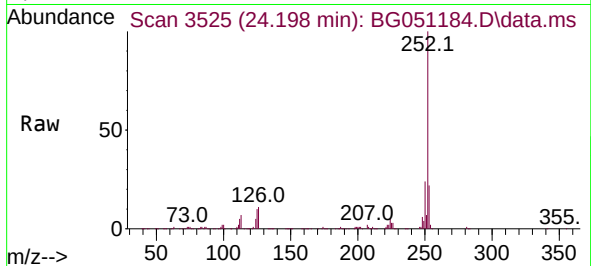




#90
Benzo(b)fluoranthene
Concen: 38.686 ng/ul
RT: 24.198 min Scan# 3523
Delta R.T. 0.008 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

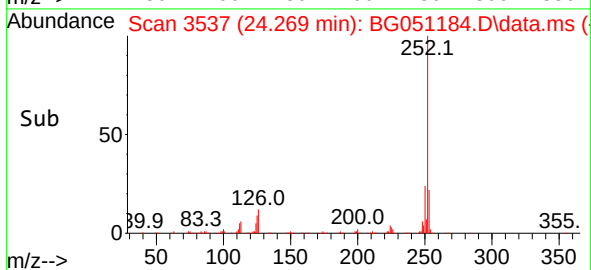
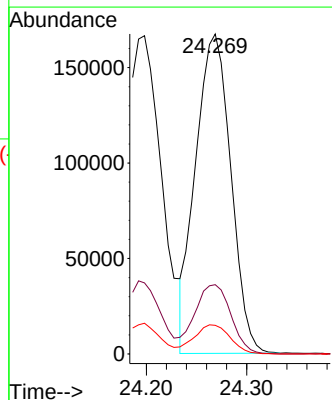
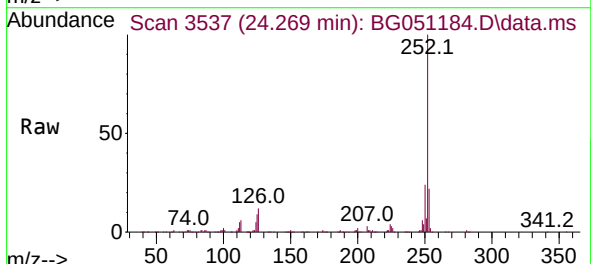
Instrument :
BNA_G
ClientSampleId :
SSTD040423

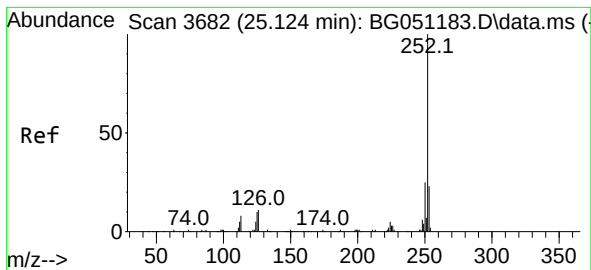
Tgt Ion:252 Resp: 452438
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 9.7 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 37.173 ng/ul
RT: 24.269 min Scan# 3537
Delta R.T. 0.008 min
Lab File: BG051184.D
Acq: 23 Nov 2021 12:56

Tgt Ion:252 Resp: 407951
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 8.9 7.8 11.6





#93

Benzo(a)pyrene

Concen: 38.067 ng/u1

RT: 25.127 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG051184.D

Acq: 23 Nov 2021 12:56

Instrument :

BNA_G

ClientSampleId :

SSTD040423

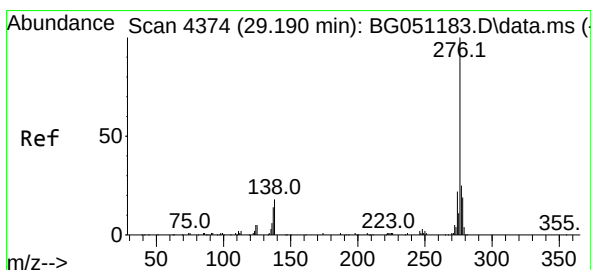
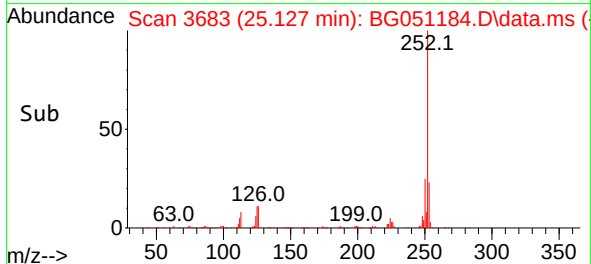
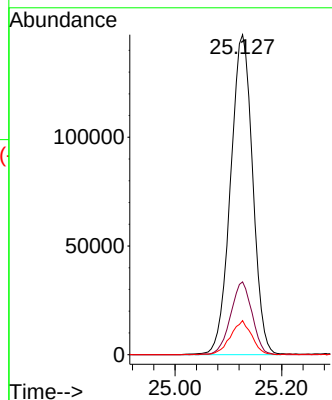
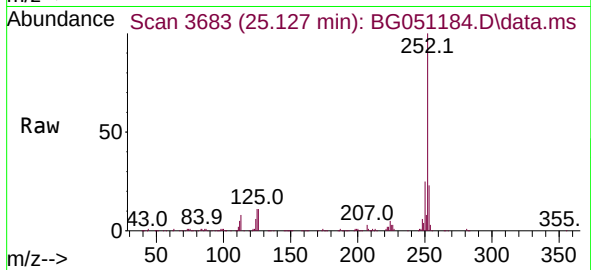
Tgt Ion:252 Resp: 424018

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 10.7 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.623 ng/u1

RT: 29.198 min Scan# 4376

Delta R.T. 0.008 min

Lab File: BG051184.D

Acq: 23 Nov 2021 12:56

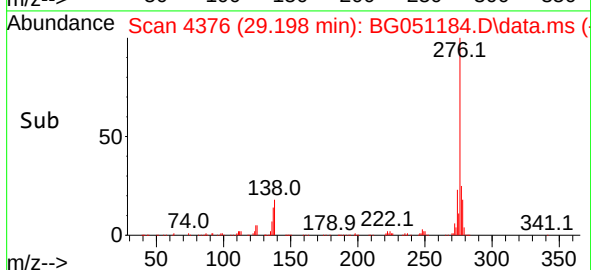
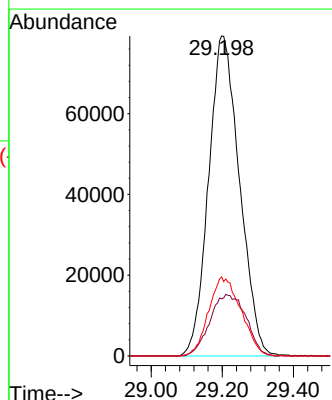
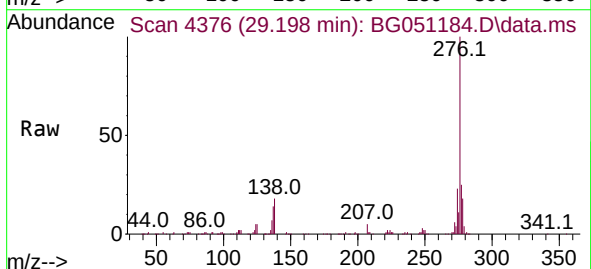
Tgt Ion:276 Resp: 478904

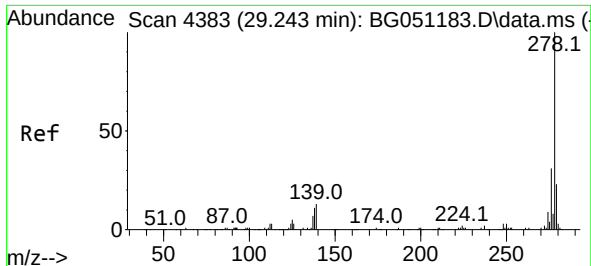
Ion Ratio Lower Upper

276 100

138 17.8 15.5 23.3

277 24.7 20.5 30.7

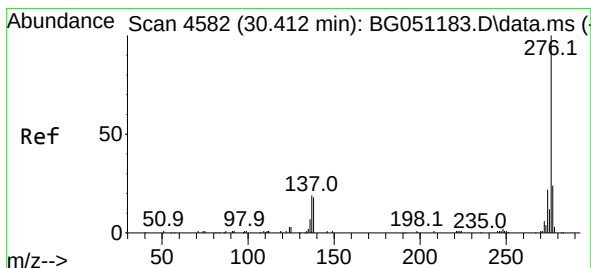
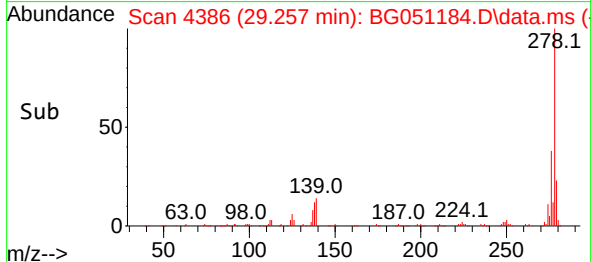
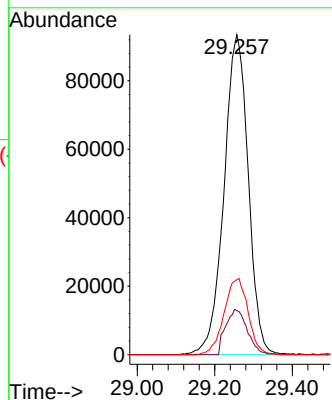
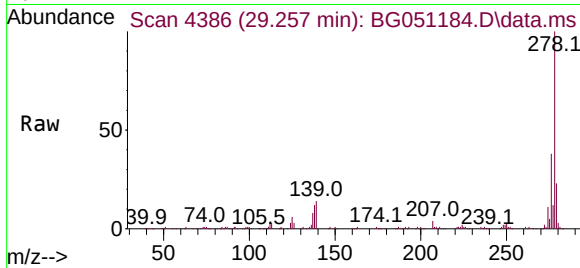




#95
 Dibenzo(a,h)anthracene
 Concen: 38.672 ng/ul
 RT: 29.257 min Scan# 41
 Delta R.T. 0.014 min
 Lab File: BG051184.D
 Acq: 23 Nov 2021 12:56

Instrument :
 BNA_G
 ClientSampleId :
 SST040423

Tgt Ion:278 Resp: 405728
 Ion Ratio Lower Upper
 278 100
 139 13.7 12.2 18.4
 279 23.5 19.5 29.3



#96
 Benzo(g,h,i)perylene
 Concen: 38.727 ng/ul
 RT: 30.432 min Scan# 4586
 Delta R.T. 0.020 min
 Lab File: BG051184.D
 Acq: 23 Nov 2021 12:56

Tgt Ion:276 Resp: 401956
 Ion Ratio Lower Upper
 276 100
 138 19.0 16.6 24.8
 277 23.6 17.6 26.4

