

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051181.D
 Acq On : 23 Nov 2021 10:54
 Operator : CG/JU
 Sample : SSTD00519
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005420

Quant Time: Nov 23 13:56:16 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	24806	20.000	ng/u1	0.00
20) Naphthalene-d8	11.031	136	110087	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.833	164	76167	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.583	188	183381	20.000	ng/u1	0.00
79) Chrysene-d12	21.883	240	173875	20.000	ng/u1	0.00
88) Perylene-d12	25.279	264	171784	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	1301	1.693	ng/uL	0.00
4) Pyridine-d5	3.981	84	8063	3.507	ng/u1	0.00
7) Phenol-d5	7.365	99	10005	3.781	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.518	67	6751	3.949	ng/u1	0.00
11) 2-Chlorophenol-d4	7.729	132	7854	4.282	ng/u1	0.00
15) 4-Methylphenol-d8	8.910	113	7893	3.789	ng/u1	0.00
21) Nitrobenzene-d5	9.380	128	4001	4.277	ng/u1	0.00
24) 2-Nitrophenol-d4	10.103	143	4358	4.189	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.655	165	7555	4.312	ng/u1	0.00
31) 4-Chloroaniline-d4	11.172	131	10887	4.103	ng/u1	0.00
46) Dimethylphthalate-d6	14.228	166	27630	4.742	ng/u1	0.00
49) Acenaphthylene-d8	14.527	160	34634	4.770	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	3080	2.915	ng/u1	0.00
60) Fluorene-d10	15.820	176	25268	4.895	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	3505	3.153	ng/u1	0.00
73) Anthracene-d10	17.682	188	42220	4.870	ng/u1	0.00
81) Pyrene-d10	19.962	212	48926	4.357	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.039	264	42231	4.447	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.575	88	1540	1.824	ng/uL#	86
5) Pyridine	3.998	79	8644	3.632	ng/u1	94
6) Benzaldehyde	7.336	77	7826	4.689	ng/u1	90
8) Phenol	7.389	94	10982	4.012	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.612	93	8457	4.127	ng/u1	98
12) 2-Chlorophenol	7.765	128	8220	4.414	ng/u1	92
13) 2-Methylphenol	8.646	108	8127	4.016	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.716	45	12161	3.768	ng/u1#	94
16) Acetophenone	9.034	105	13502	4.172	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.999	70	7871	4.031	ng/u1#	96
18) 4-Methylphenol	8.975	108	8693	4.035	ng/u1	90
19) Hexachloroethane	9.286	117	3637	4.671	ng/u1	88
22) Nitrobenzene	9.422	77	10939	4.193	ng/u1	96
23) Isophorone	9.939	82	21291	4.205	ng/u1	96
25) 2-Nitrophenol	10.138	139	4841	4.639	ng/u1	93
26) 2,4-Dimethylphenol	10.191	107	10471	4.559	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.415	93	11621	4.259	ng/u1	99
29) 2,4-Dichlorophenol	10.685	162	8130	4.757	ng/u1	89
30) Naphthalene	11.078	128	28847	4.792	ng/u1	98
32) 4-Chloroaniline	11.196	127	11646	4.420	ng/u1	97
33) Hexachlorobutadiene	11.343	225	5818	5.186	ng/u1	94
34) Caprolactam	11.954	113	2883	3.973	ng/u1	88
35) 4-Chloro-3-methylphenol	12.306	107	9241	4.232	ng/u1#	83
36) 2-Methylnaphthalene	12.671	142	18761	4.575	ng/u1	95

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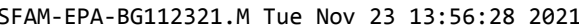
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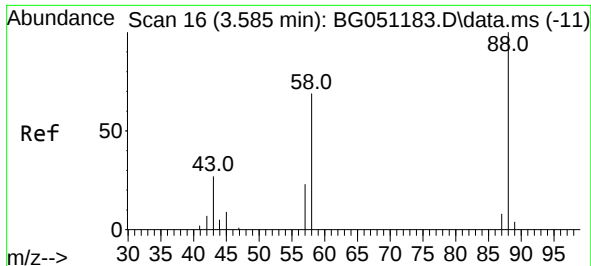
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.888	142	19978	4.808	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.035	216	11065	4.986	ng/ul	96
41) 2,4,6-Trichlorophenol	13.282	196	6446	4.439	ng/ul	97
42) 2,4,5-Trichlorophenol	13.364	196	6801	4.362	ng/ul	99
43) 1,1'-Biphenyl	13.664	154	27080	4.864	ng/ul#	97
44) 2-Chloronaphthalene	13.717	162	21667	4.966	ng/ul	99
45) 2-Nitroaniline	13.928	65	6479	3.738	ng/ul#	83
47) Dimethylphthalate	14.275	163	28791	4.941	ng/ul	99
48) 2,6-Dinitrotoluene	14.410	165	5505	4.514	ng/ul	97
50) Acenaphthylene	14.557	152	35287	4.850	ng/ul	98
51) 3-Nitroaniline	14.745	138	5312	4.212	ng/ul	95
52) Acenaphthene	14.898	153	23144	4.837	ng/ul	97
55) 4-Nitrophenol	15.080	109	2499	2.579	ng/ul	84
56) Dibenzofuran	15.232	168	34092	4.978	ng/ul	95
57) 2,4-Dinitrotoluene	15.203	165	7873	4.524	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.467	232	4952	4.042	ng/ul#	90
59) Diethylphthalate	15.626	149	30526	4.894	ng/ul	99
61) Fluorene	15.879	166	27583	5.089	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.861	204	14678	5.200	ng/ul	97
63) 4-Nitroaniline	15.908	138	5515	4.408	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.973	198	3444	3.176	ng/ul#	85
67) N-Nitrosodiphenylamine	16.078	169	24318	4.744	ng/ul	96
68) 4-Bromophenyl-phenylether	16.760	248	8987	4.927	ng/ul	92
69) Hexachlorobenzene	16.883	284	9311	4.965	ng/ul	98
70) Atrazine	17.019	200	10213	4.698	ng/ul	97
71) Pentachlorophenol	17.248	266	864	1.004	ng/ul	91
72) Phenanthrene	17.624	178	49305	5.037	ng/ul	98
74) Anthracene	17.718	178	49787	5.069	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.640	216	11680	4.678	ng/uL	95
76) Pentachlorobenzene	15.150	250	10977	4.745	ng/uL	94
77) Carbazole	17.994	167	43676	4.961	ng/ul	99
78) Di-n-butylphthalate	18.517	149	54475	4.709	ng/ul	97
80) Fluoranthene	19.627	202	60311	4.475	ng/ul	97
82) Pyrene	19.992	202	60152	4.568	ng/ul	98
83) Butylbenzylphthalate	20.849	149	23895	4.220	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.772	252	19801	4.676	ng/ul	95
85) Benzo(a)anthracene	21.860	228	55572	4.617	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.725	149	33997	4.182	ng/ul#	99
87) Chrysene	21.930	228	53736	4.673	ng/ul	98
89) Di-n-octyl phthalate	22.988	149	58782	4.203	ng/ul	100
90) Benzo(b)fluoranthene	24.198	252	53459	4.368	ng/ul	97
91) Benzo(k)fluoranthene	24.263	252	52138	4.540	ng/ul	99
93) Benzo(a)pyrene	25.121	252	51609	4.428	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.192	276	57565	4.437	ng/ul	96
95) Dibenzo(a,h)anthracene	29.245	278	48915	4.456	ng/ul	94
96) Benzo(g,h,i)perylene	30.409	276	24114	2.220	ng/ul#	93

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

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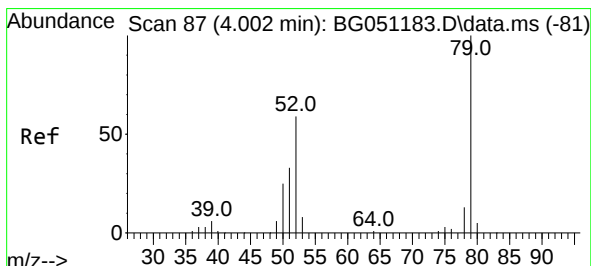
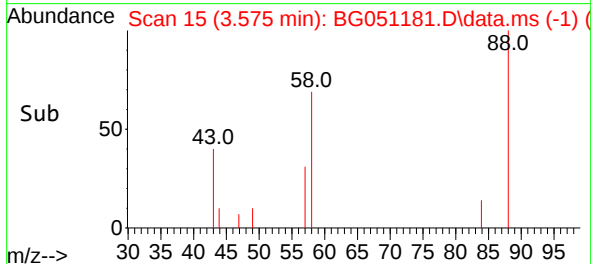
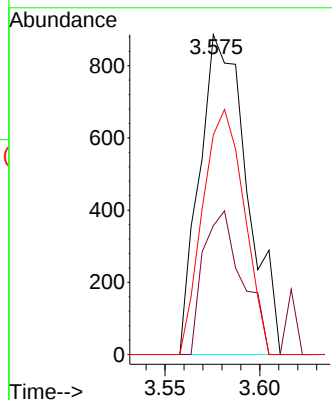
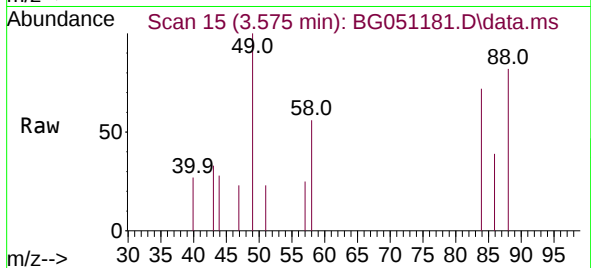




#2
1,4-Dioxane
Concen: 1.824 ng/uL
RT: 3.575 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG051181.D
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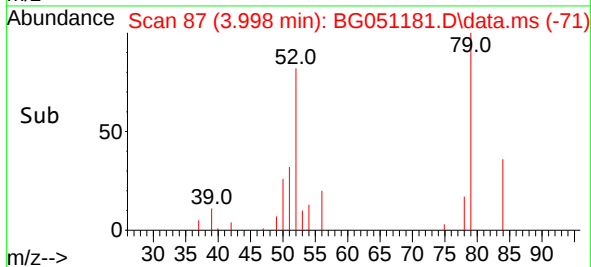
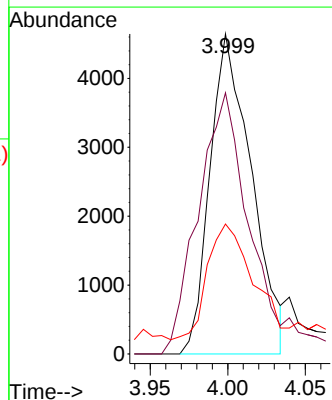
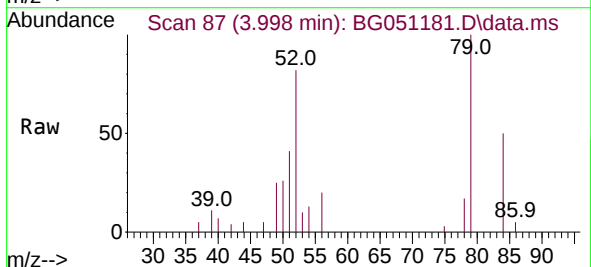
Instrument :
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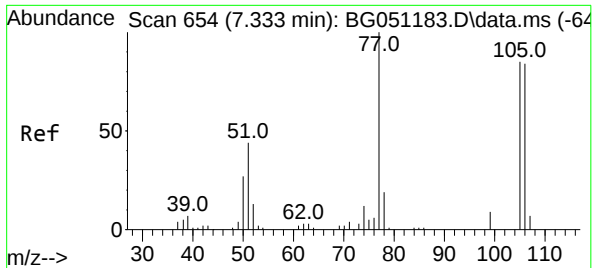
Tgt Ion: 88 Resp: 1540
Ion Ratio Lower Upper
88 100
43 40.3 23.0 34.4#
58 68.6 62.4 93.6



#5
Pyridine
Concen: 3.632 ng/uL
RT: 3.998 min Scan# 87
Delta R.T. -0.004 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion: 79 Resp: 8644
Ion Ratio Lower Upper
79 100
52 81.6 60.8 91.2
51 40.6 30.5 45.7

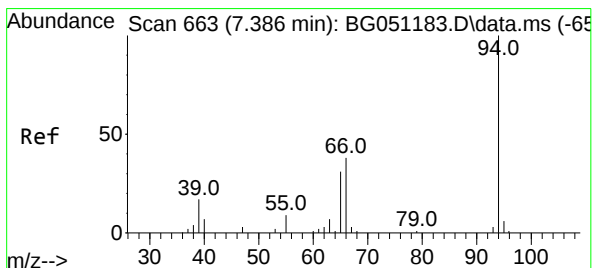
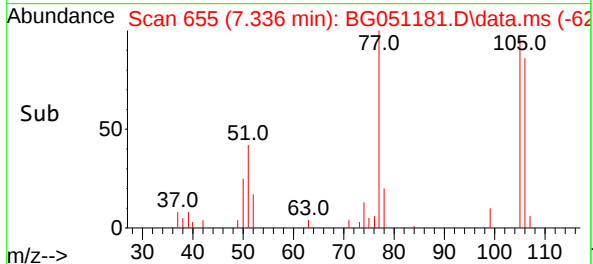
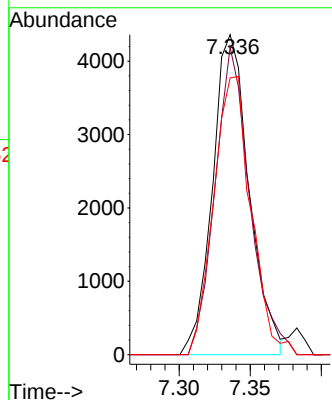
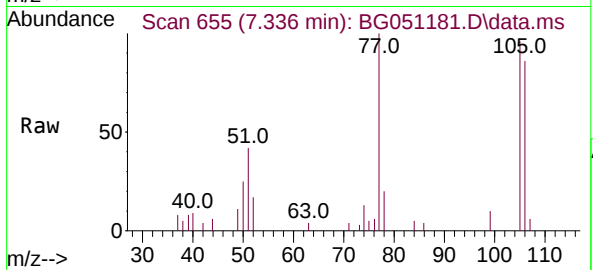




#6
Benzaldehyde
Concen: 4.689 ng/ul
RT: 7.336 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

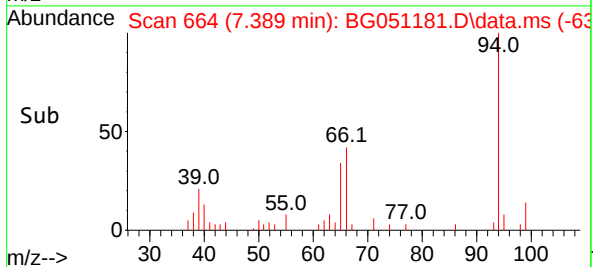
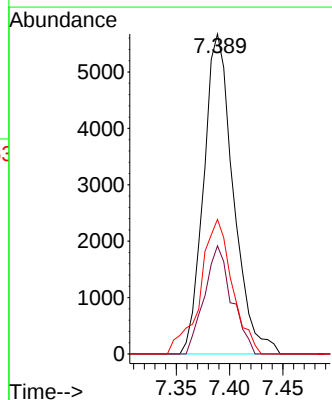
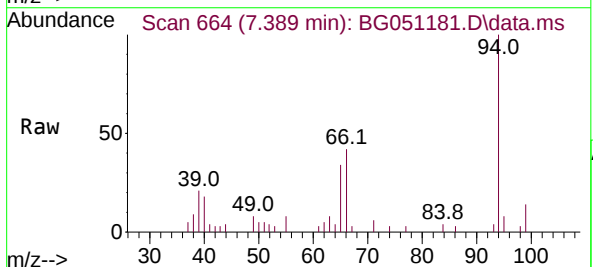
Instrument :
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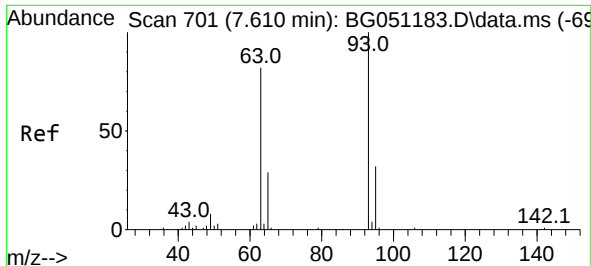
Tgt Ion: 77 Resp: 7826
Ion Ratio Lower Upper
77 100
105 96.1 70.4 105.6
106 86.5 61.2 91.8



#8
Phenol
Concen: 4.012 ng/ul
RT: 7.389 min Scan# 664
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion: 94 Resp: 10982
Ion Ratio Lower Upper
94 100
65 33.8 25.1 37.7
66 42.1 31.6 47.4

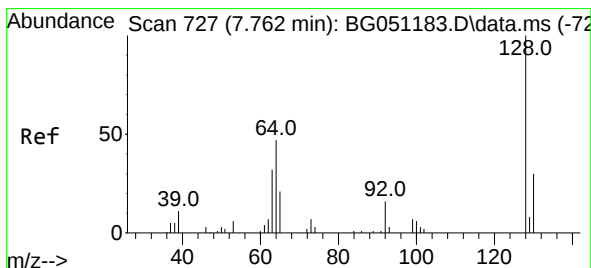
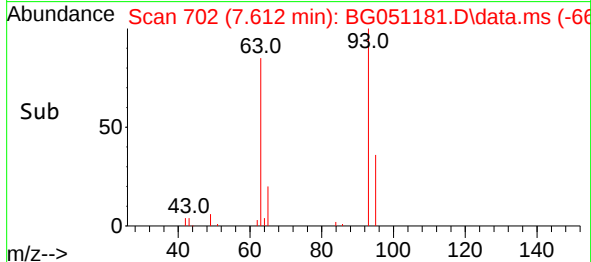
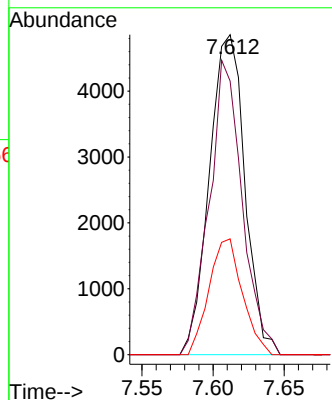
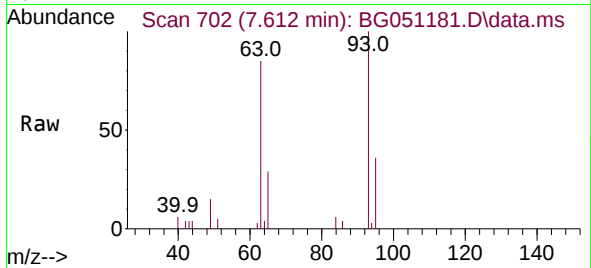




#10
Bis(2-Chloroethyl)ether
Concen: 4.127 ng/ul
RT: 7.612 min Scan# 701
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

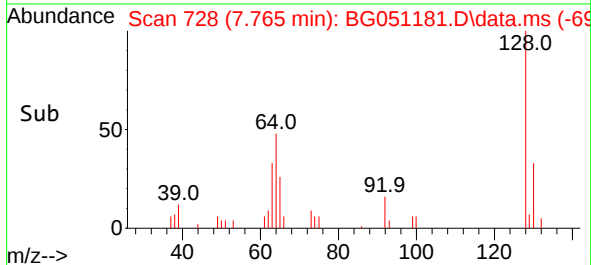
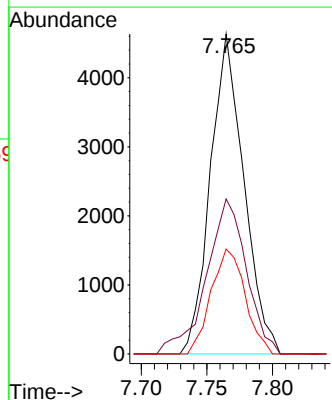
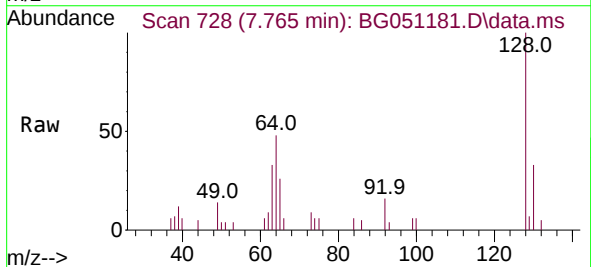
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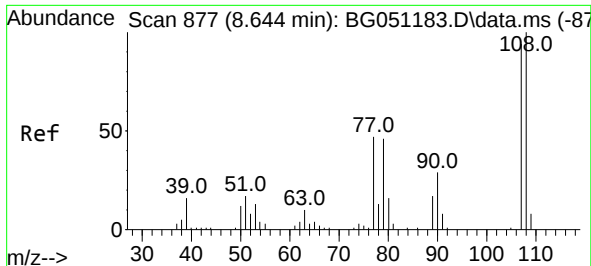
Tgt Ion: 93 Resp: 8457
Ion Ratio Lower Upper
93 100
63 85.5 68.6 103.0
95 36.2 26.1 39.1



#12
2-Chlorophenol
Concen: 4.414 ng/ul
RT: 7.765 min Scan# 728
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:128 Resp: 8220
Ion Ratio Lower Upper
128 100
64 48.4 45.3 67.9
130 32.8 27.1 40.7

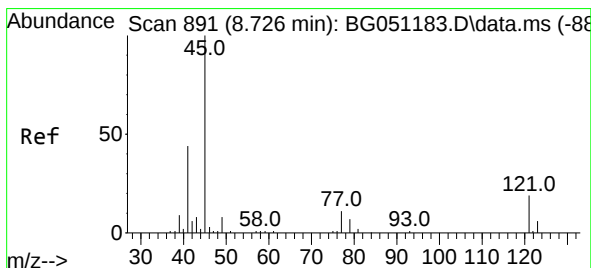
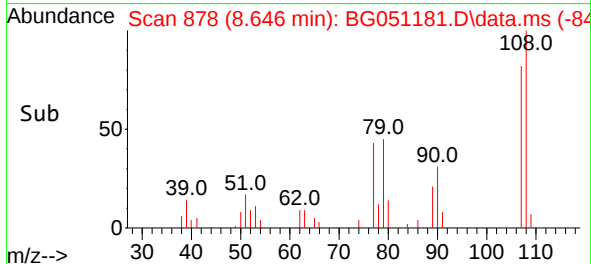
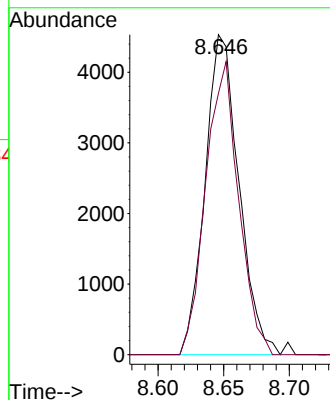
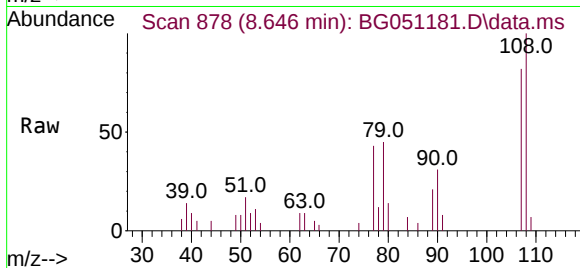




#13
2-Methylphenol
Concen: 4.016 ng/ul
RT: 8.646 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

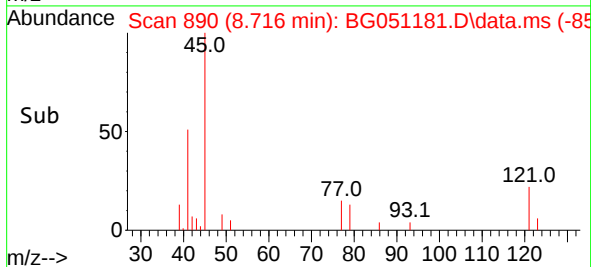
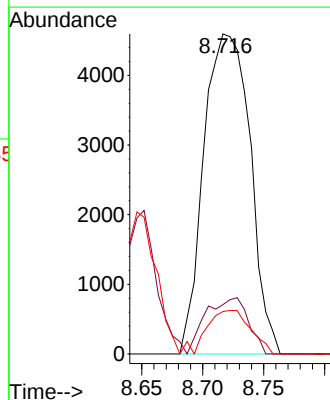
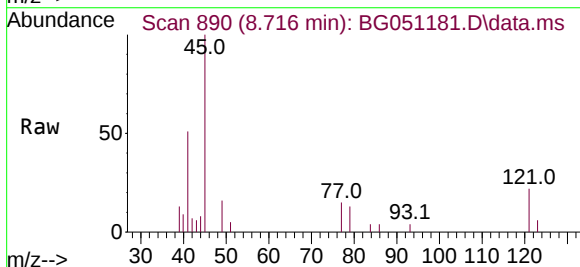
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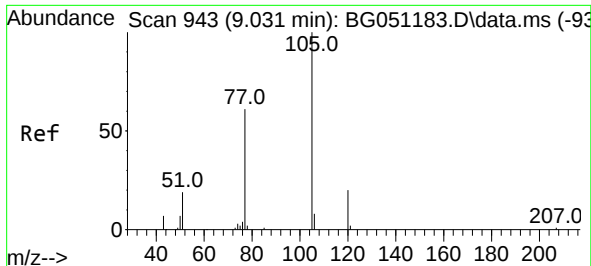
Tgt Ion:108 Resp: 8127
Ion Ratio Lower Upper
108 100
107 81.6 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.768 ng/ul
RT: 8.716 min Scan# 890
Delta R.T. -0.009 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion: 45 Resp: 12161
Ion Ratio Lower Upper
45 100
77 15.4 10.7 16.1
79 13.2 8.5 12.7#

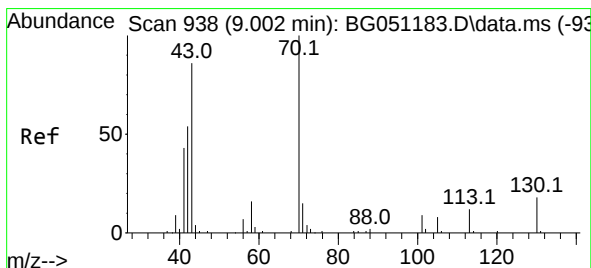
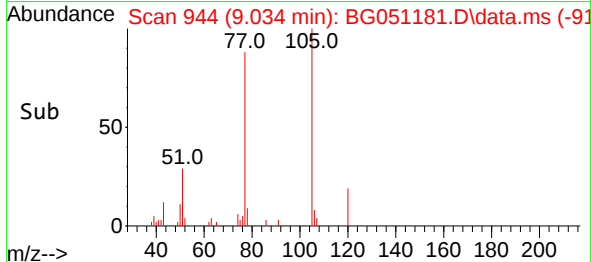
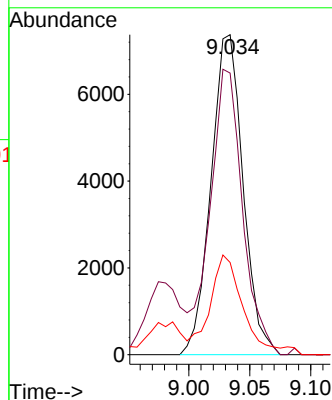
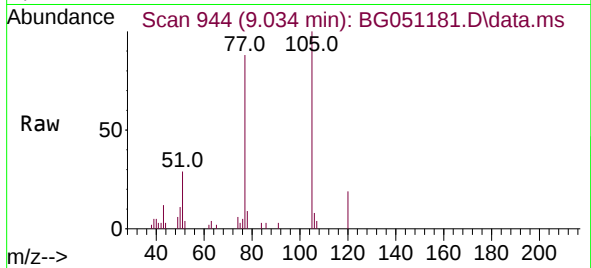




#16
Acetophenone
Concen: 4.172 ng/ul
RT: 9.034 min Scan# 943
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

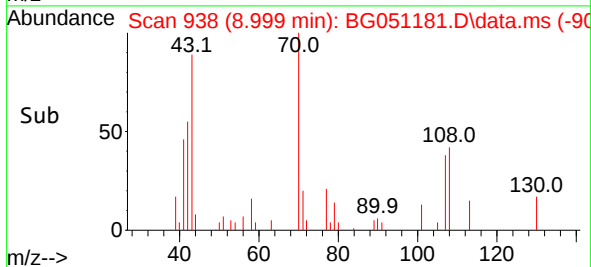
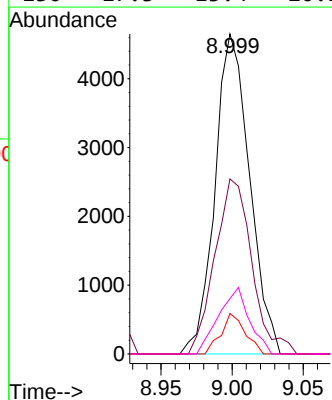
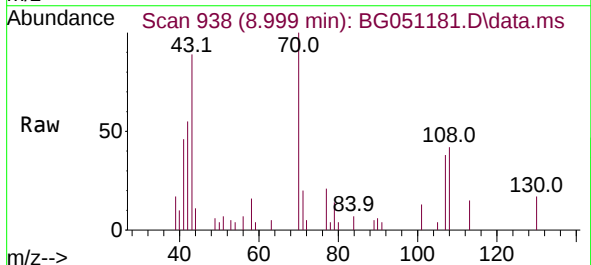
Instrument :
BNA_G
ClientSampleId :
SSTD005420

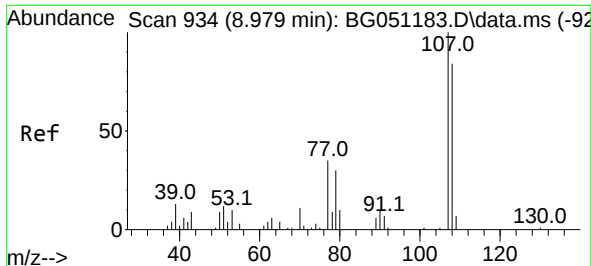
Tgt Ion:105 Resp: 13502
Ion Ratio Lower Upper
105 100
77 88.0 67.3 100.9
51 28.8 24.0 36.0



#17
N-Nitroso-di-n-propylamine
Concen: 4.031 ng/ul
RT: 8.999 min Scan# 938
Delta R.T. -0.004 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion: 70 Resp: 7871
Ion Ratio Lower Upper
70 100
42 54.7 46.0 69.0
101 12.6 7.0 10.4#
130 17.3 13.4 20.2

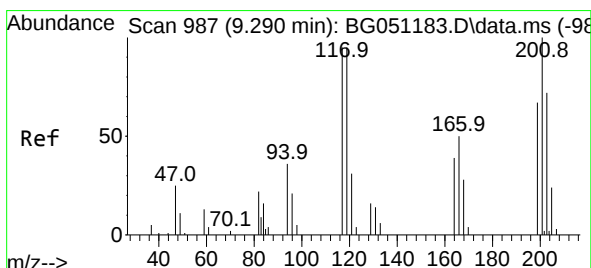
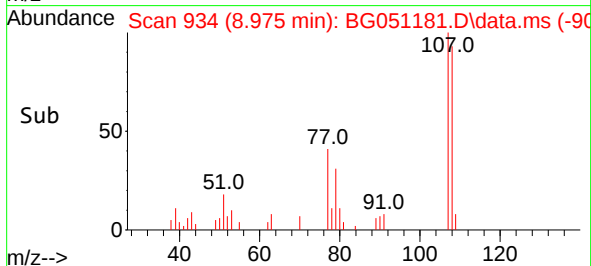
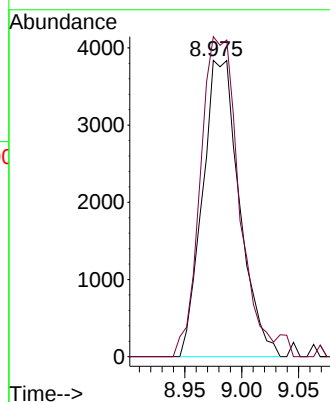
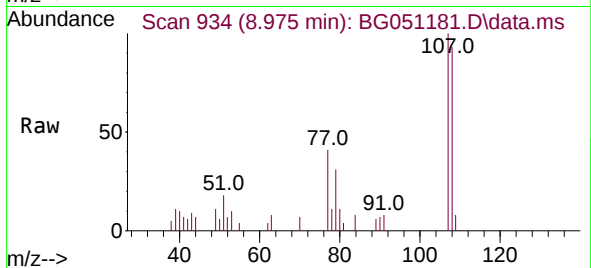




#18
4-Methylphenol
Concen: 4.035 ng/ul
RT: 8.975 min Scan# 911
Delta R.T. -0.004 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

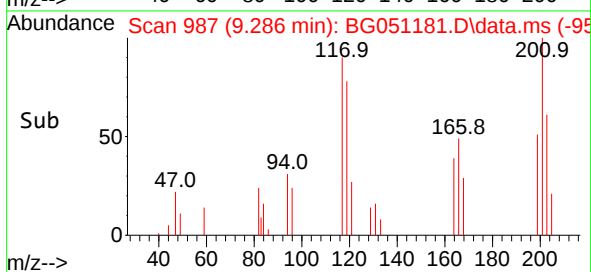
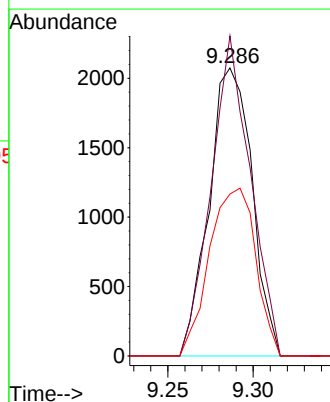
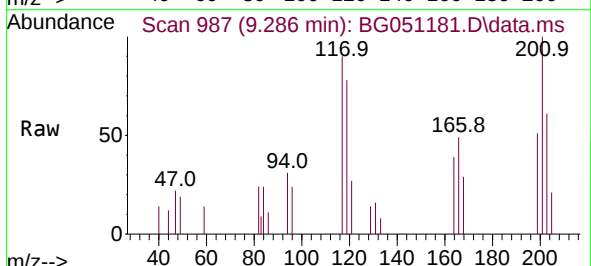
Instrument :
BNA_G
ClientSampleId :
SSTD005420

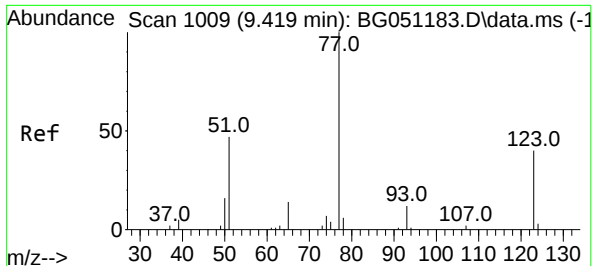
Tgt Ion:108 Resp: 8693
Ion Ratio Lower Upper
108 100
107 108.0 95.0 142.4



#19
Hexachloroethane
Concen: 4.671 ng/ul
RT: 9.286 min Scan# 987
Delta R.T. -0.004 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:117 Resp: 3637
Ion Ratio Lower Upper
117 100
201 111.1 77.2 115.8
199 56.2 49.9 74.9





#22

Nitrobenzene

Concen: 4.193 ng/ul

RT: 9.422 min Scan# 10939

Delta R.T. 0.002 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

Instrument :

BNA_G

ClientSampleId :

SSTD005420

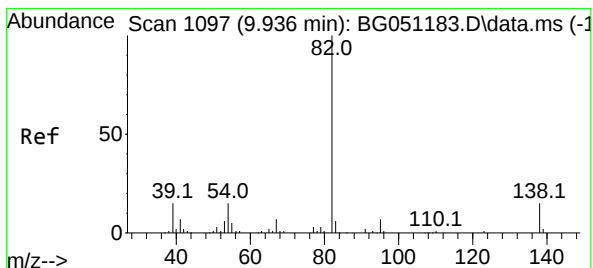
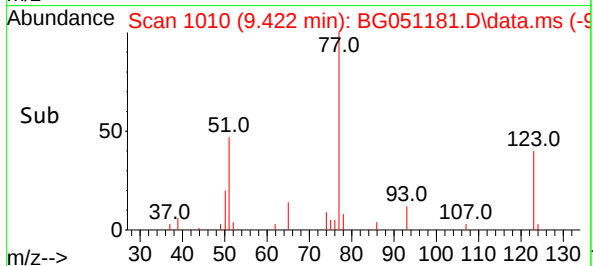
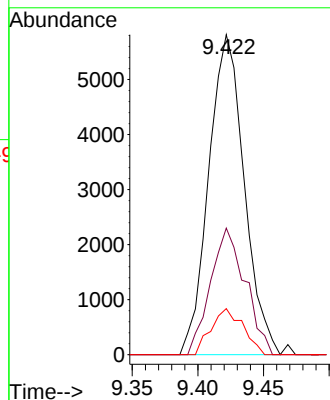
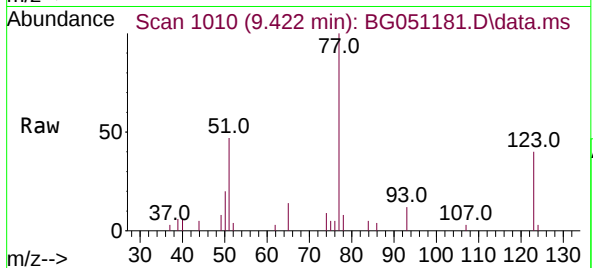
Tgt Ion: 77 Resp: 10939

Ion Ratio Lower Upper

77 100

123 39.6 30.1 45.1

65 14.4 9.6 14.4



#23

Isophorone

Concen: 4.205 ng/ul

RT: 9.939 min Scan# 1098

Delta R.T. 0.002 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

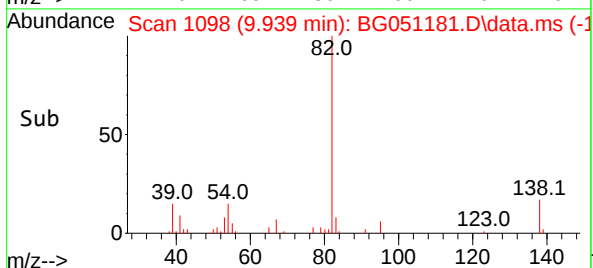
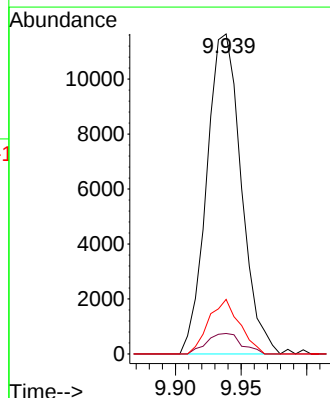
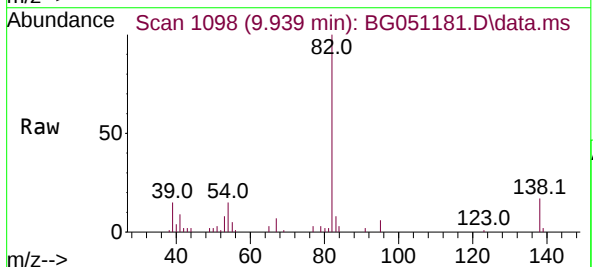
Tgt Ion: 82 Resp: 21291

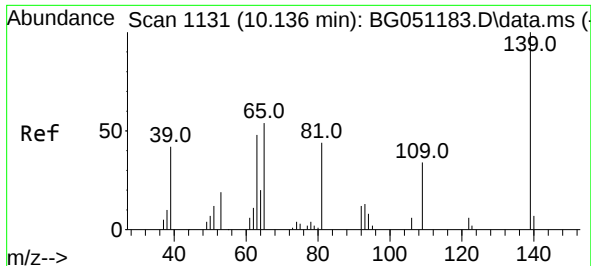
Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 17.1 11.8 17.8

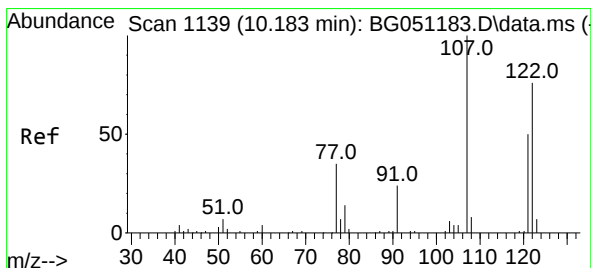
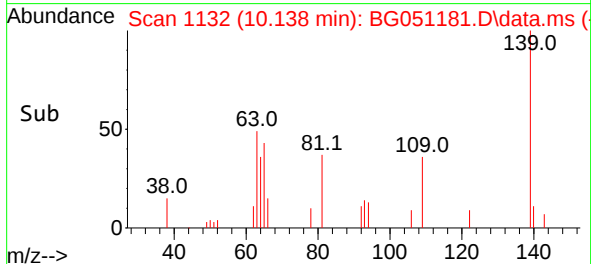
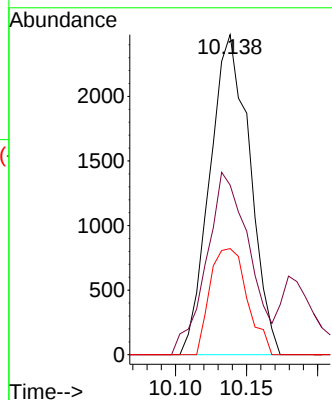
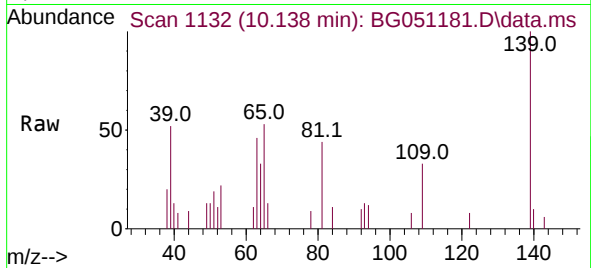




#25
2-Nitrophenol
Concen: 4.639 ng/ul
RT: 10.138 min Scan# 1131
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

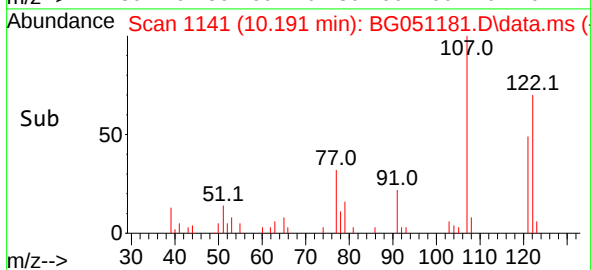
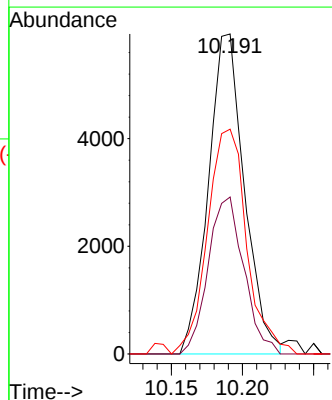
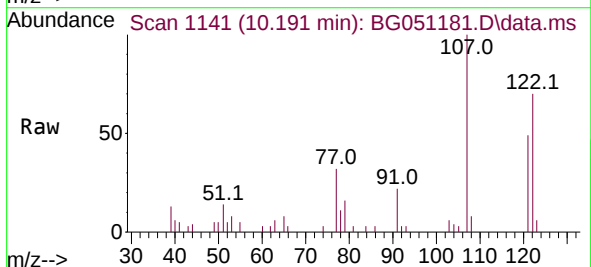
Instrument :
BNA_G
ClientSampleId :
SSTD005420

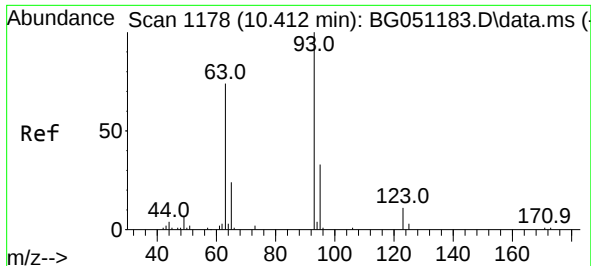
Tgt Ion:139 Resp: 4841
Ion Ratio Lower Upper
139 100
65 53.0 48.0 72.0
109 33.2 28.6 42.8



#26
2,4-Dimethylphenol
Concen: 4.559 ng/ul
RT: 10.191 min Scan# 1141
Delta R.T. 0.008 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:107 Resp: 10471
Ion Ratio Lower Upper
107 100
121 49.0 39.3 58.9
122 70.3 63.7 95.5





#27

Bis(2-Chloroethoxy)methane

Concen: 4.259 ng/ul

RT: 10.415 min Scan# 1178

Delta R.T. 0.002 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

Instrument :

BNA_G

ClientSampleId :

SSTD005420

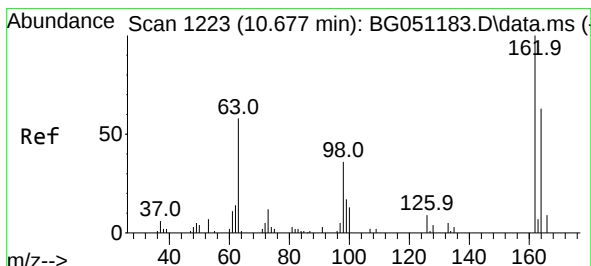
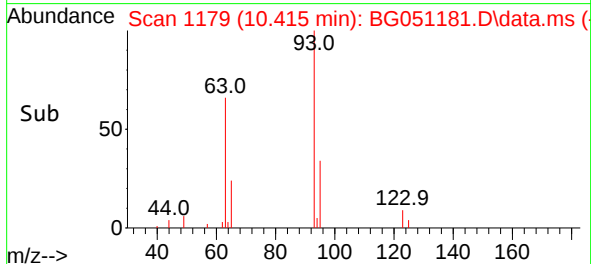
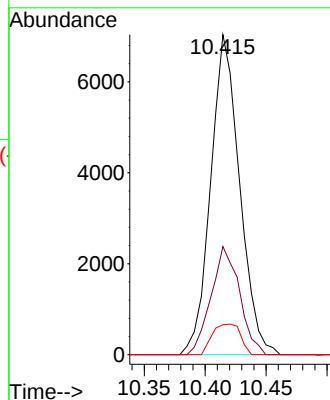
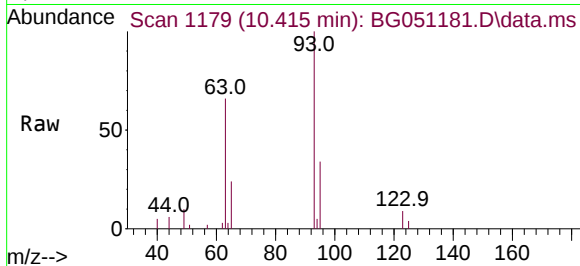
Tgt Ion: 93 Resp: 11621

Ion Ratio Lower Upper

93 100

95 33.8 26.5 39.7

123 9.4 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 4.757 ng/ul

RT: 10.685 min Scan# 1225

Delta R.T. 0.008 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

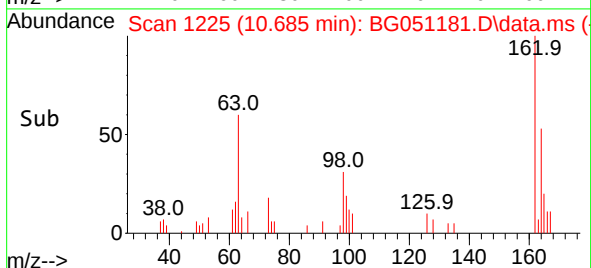
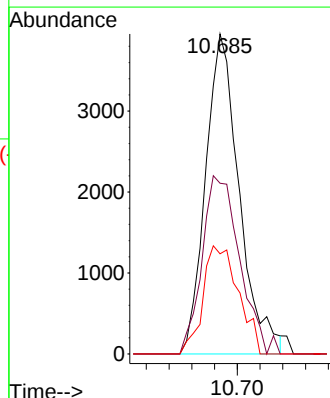
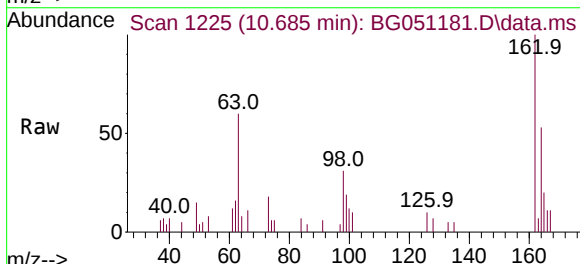
Tgt Ion:162 Resp: 8130

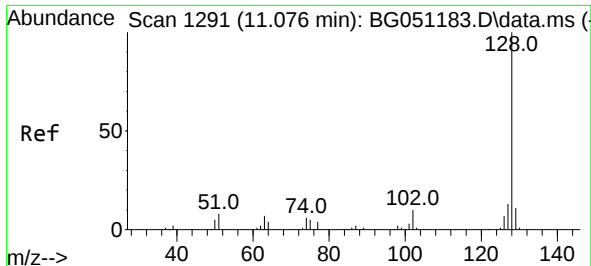
Ion Ratio Lower Upper

162 100

164 53.3 49.4 74.0

98 31.3 30.4 45.6

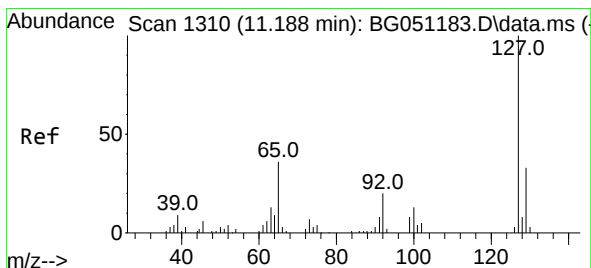
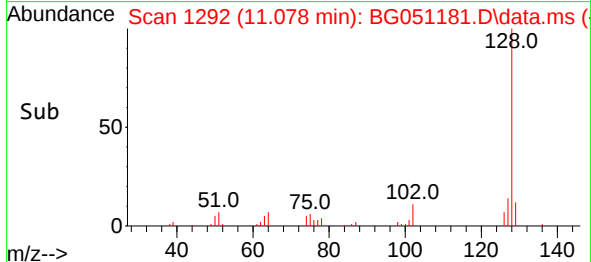
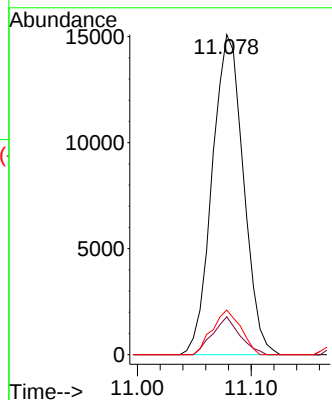
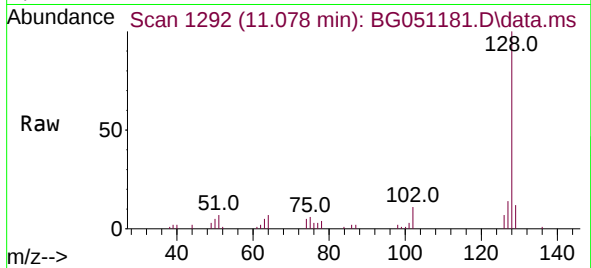




#30
Naphthalene
Concen: 4.792 ng/ul
RT: 11.078 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

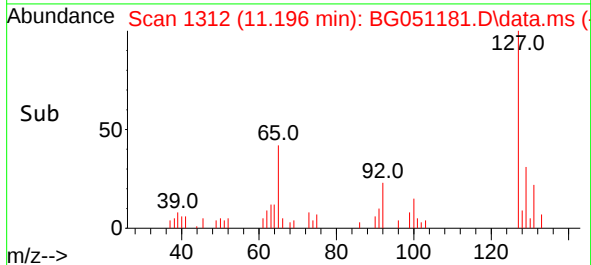
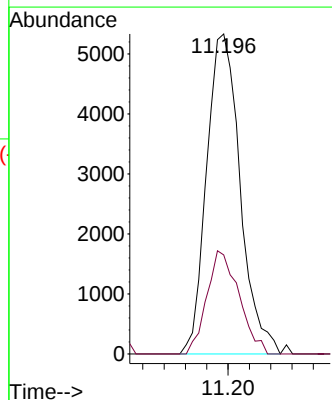
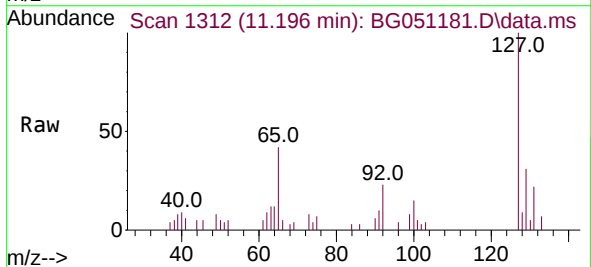
Instrument :
BNA_G
ClientSampleId :
SSTD005420

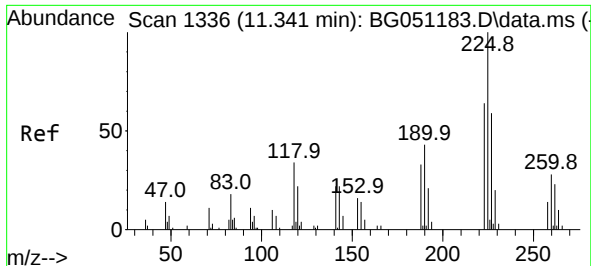
Tgt Ion:128 Resp: 28847
Ion Ratio Lower Upper
128 100
129 11.9 8.5 12.7
127 14.0 11.8 17.6



#32
4-Chloroaniline
Concen: 4.420 ng/ul
RT: 11.196 min Scan# 1312
Delta R.T. 0.008 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:127 Resp: 11646
Ion Ratio Lower Upper
127 100
129 31.0 26.2 39.2

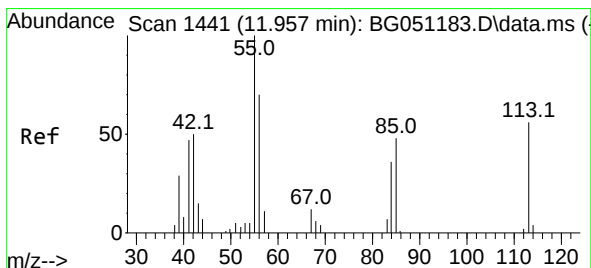
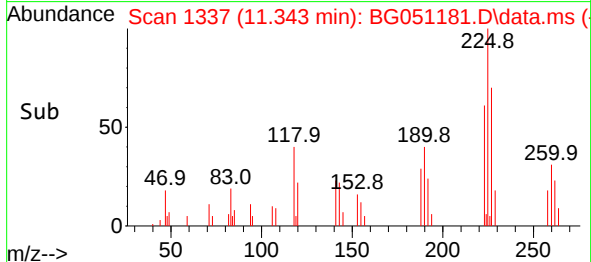
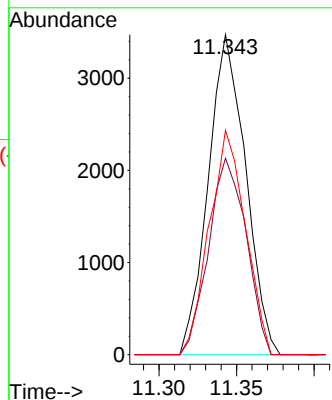
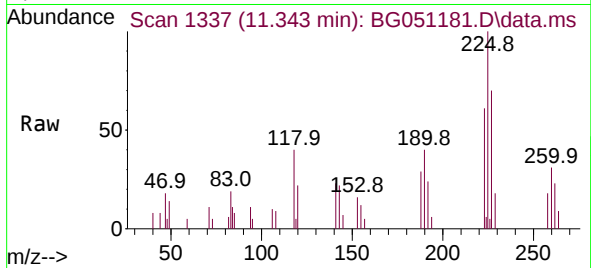




#33
Hexachlorobutadiene
Concen: 5.186 ng/ul
RT: 11.343 min Scan# 11337
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

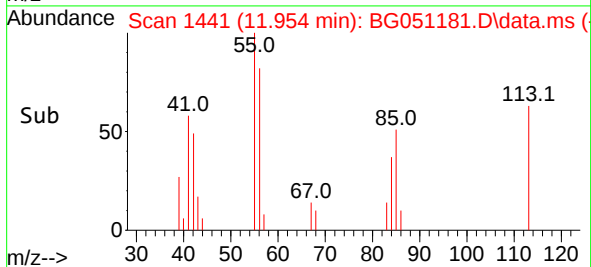
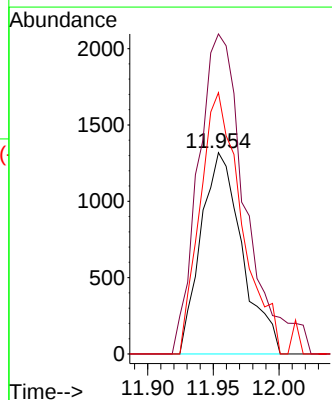
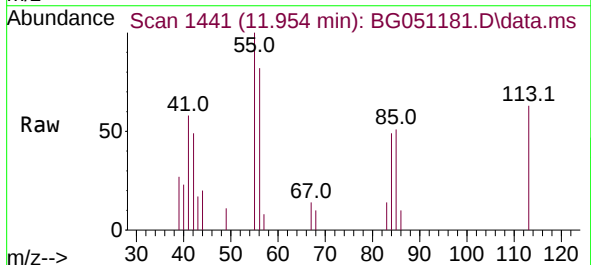
Instrument :
BNA_G
ClientSampleId :
SSTD005420

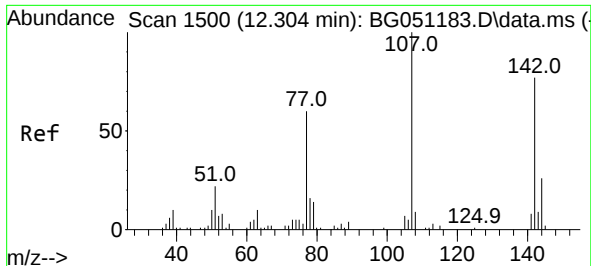
Tgt Ion:225 Resp: 5818
Ion Ratio Lower Upper
225 100
223 61.4 50.6 75.8
227 70.1 49.8 74.8



#34
Caprolactam
Concen: 3.973 ng/ul
RT: 11.954 min Scan# 1441
Delta R.T. -0.004 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:113 Resp: 2883
Ion Ratio Lower Upper
113 100
55 159.0 147.0 220.6
56 129.8 109.2 163.8

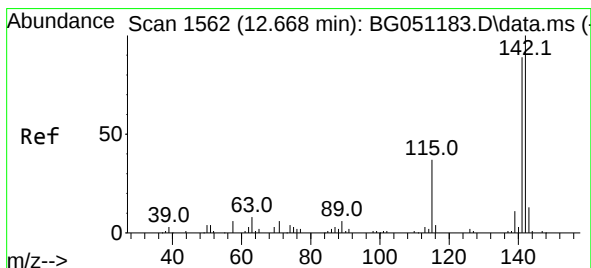
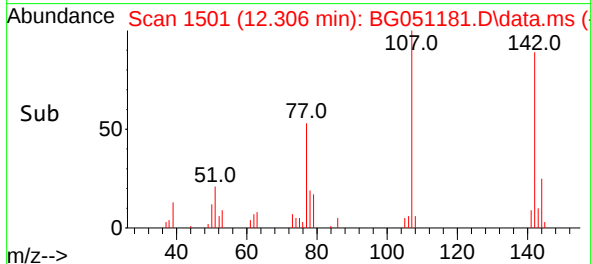
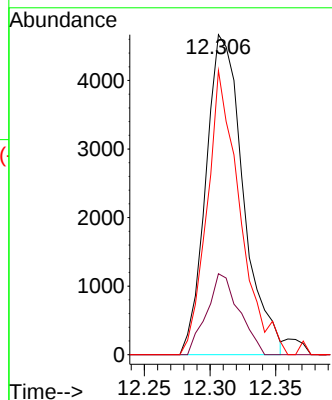
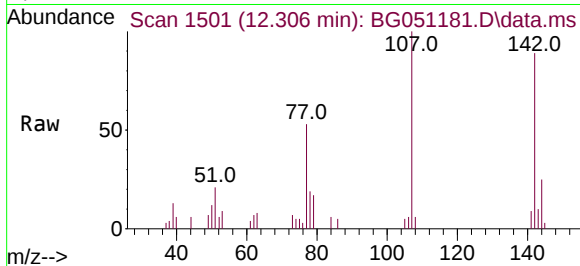




#35
4-Chloro-3-methylphenol
Concen: 4.232 ng/ul
RT: 12.306 min Scan# 1500
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

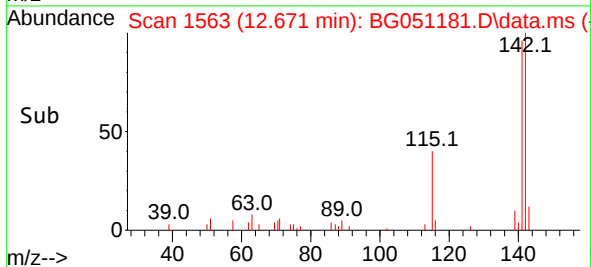
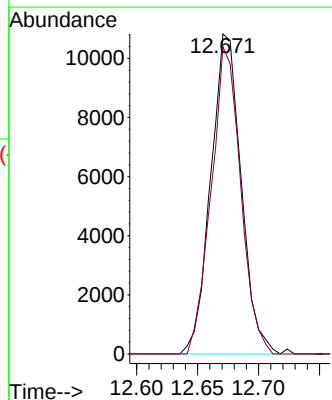
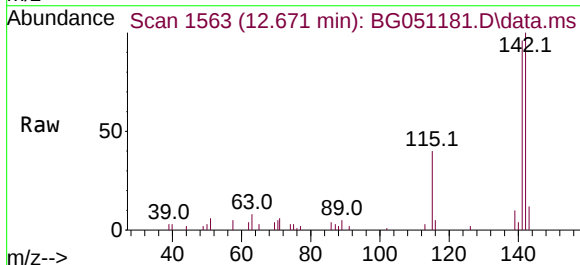
Instrument :
BNA_G
ClientSampleId :
SSTD005420

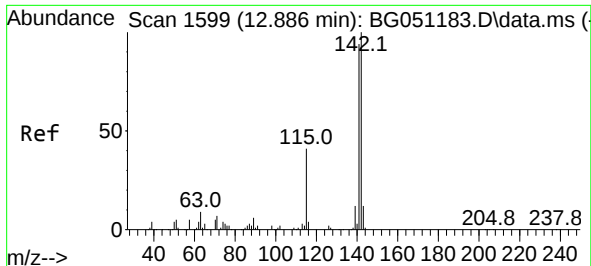
Tgt Ion:107 Resp: 9241
Ion Ratio Lower Upper
107 100
144 25.3 19.8 29.6
142 88.8 56.2 84.4#



#36
2-Methylnaphthalene
Concen: 4.575 ng/ul
RT: 12.671 min Scan# 1563
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:142 Resp: 18761
Ion Ratio Lower Upper
142 100
141 96.0 73.3 109.9

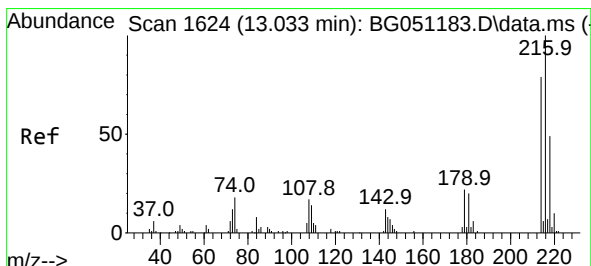
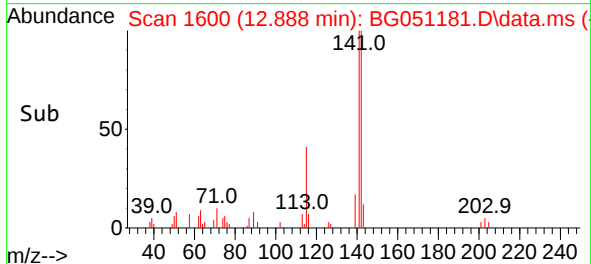
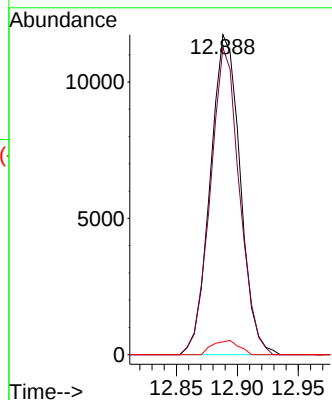
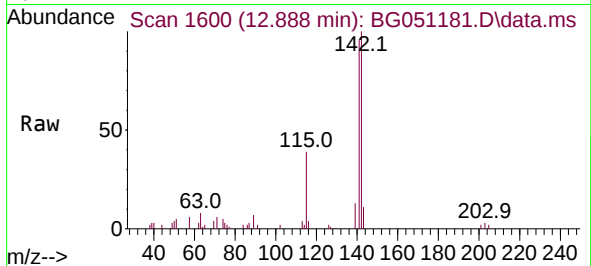




#37
1-Methylnaphthalene
Concen: 4.808 ng/ul
RT: 12.888 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

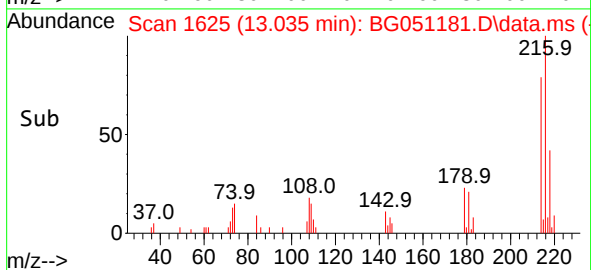
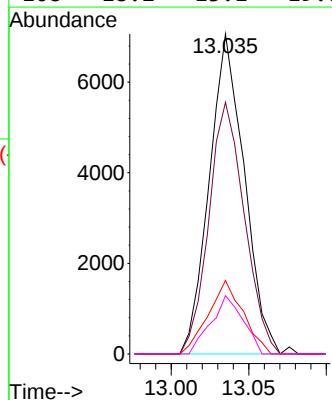
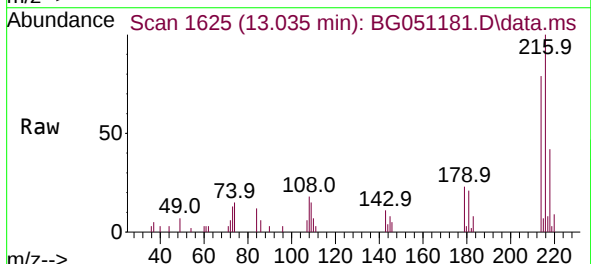
Instrument :
BNA_G
ClientSampleId :
SSTD005420

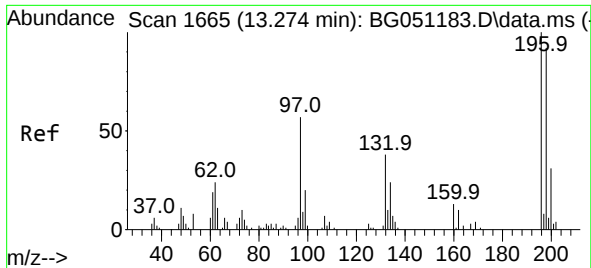
Tgt Ion:142 Resp: 19978
Ion Ratio Lower Upper
142 100
141 95.9 77.8 116.8
116 4.0 3.3 4.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.986 ng/ul
RT: 13.035 min Scan# 1625
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:216 Resp: 11065
Ion Ratio Lower Upper
216 100
214 78.6 61.0 91.4
179 23.0 16.2 24.2
108 18.2 13.1 19.7

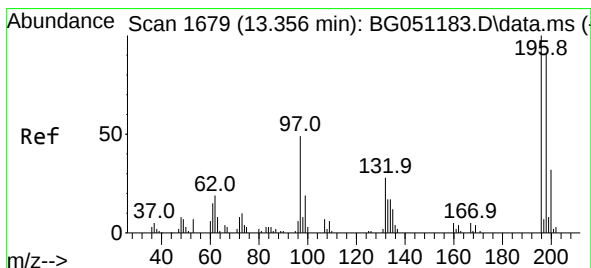
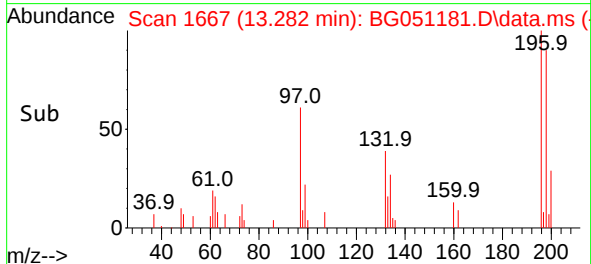
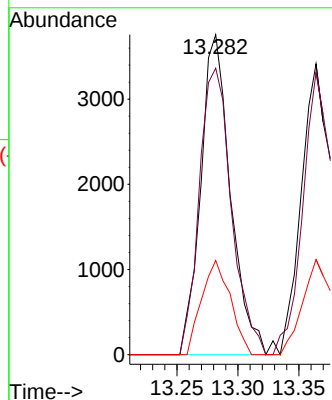
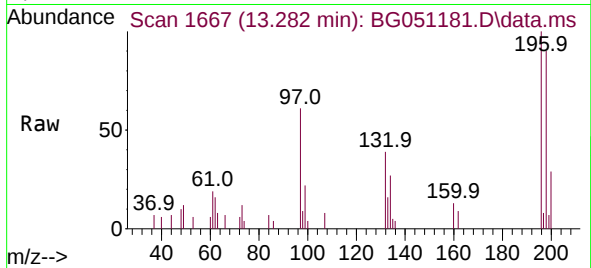




#41
2,4,6-Trichlorophenol
Concen: 4.439 ng/ul
RT: 13.282 min Scan# 1681
Delta R.T. 0.008 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

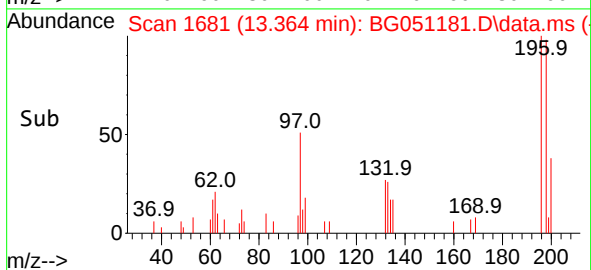
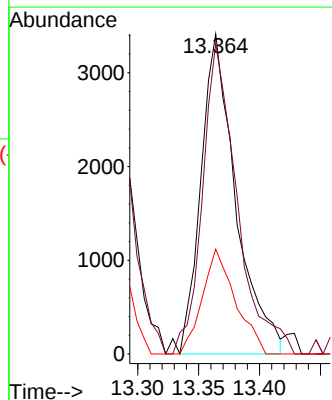
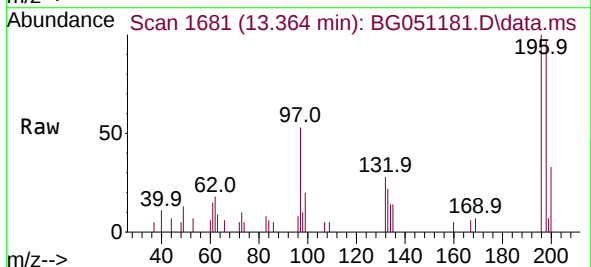
Instrument :
BNA_G
ClientSampleId :
SSTD005420

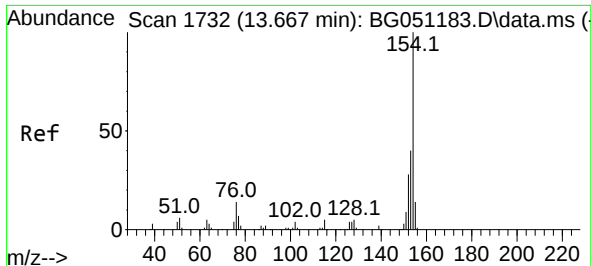
Tgt Ion:196 Resp: 6446
Ion Ratio Lower Upper
196 100
198 89.5 74.3 111.5
200 29.5 23.8 35.6



#42
2,4,5-Trichlorophenol
Concen: 4.362 ng/ul
RT: 13.364 min Scan# 1681
Delta R.T. 0.008 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:196 Resp: 6801
Ion Ratio Lower Upper
196 100
198 97.0 77.0 115.4
200 32.7 25.4 38.2

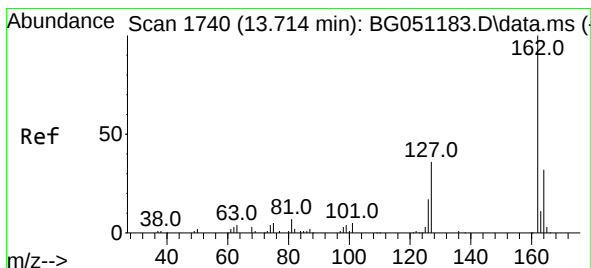
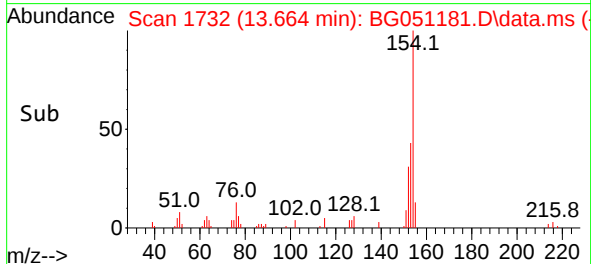
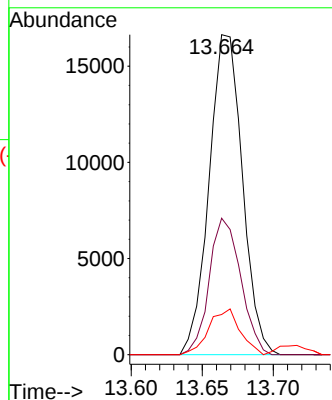
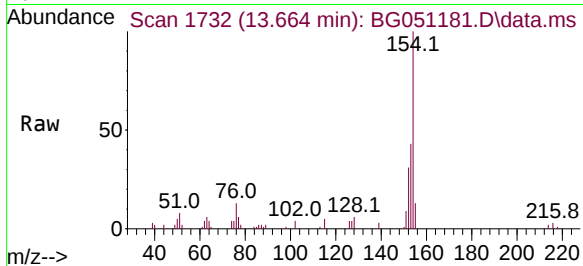




#43
1,1'-Biphenyl
Concen: 4.864 ng/ul
RT: 13.664 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

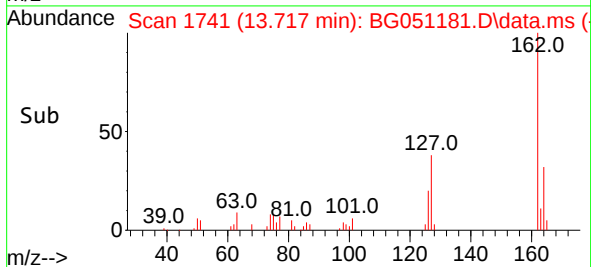
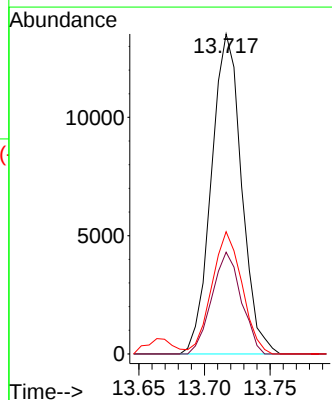
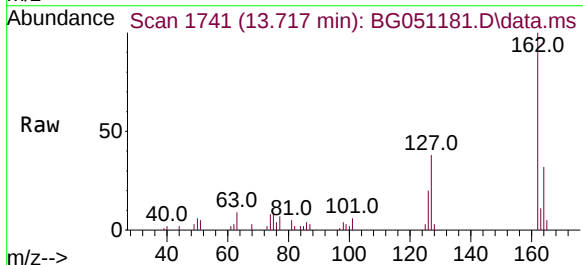
Instrument :
BNA_G
ClientSampleId :
SSTD005420

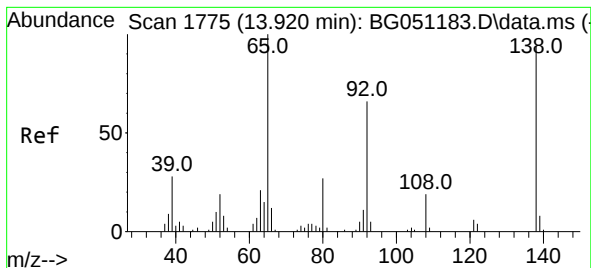
Tgt Ion:154 Resp: 27080
Ion Ratio Lower Upper
154 100
153 42.7 34.5 51.7
76 12.6 13.1 19.7#



#44
2-Chloronaphthalene
Concen: 4.966 ng/ul
RT: 13.717 min Scan# 1741
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:162 Resp: 21667
Ion Ratio Lower Upper
162 100
164 31.8 26.1 39.1
127 38.2 31.0 46.4





#45

2-Nitroaniline

Concen: 3.738 ng/ul

RT: 13.928 min Scan# 1777

Delta R.T. 0.008 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

Instrument :

BNA_G

ClientSampleId :

SSTD005420

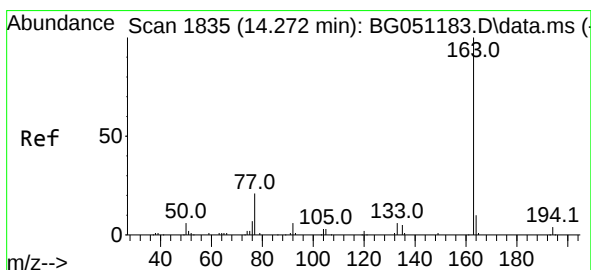
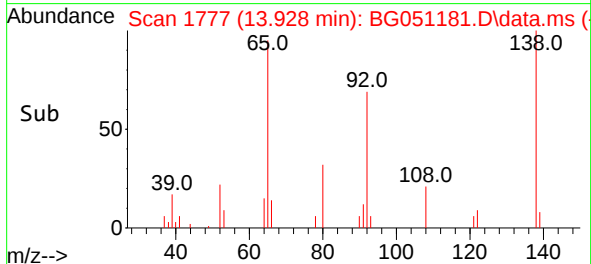
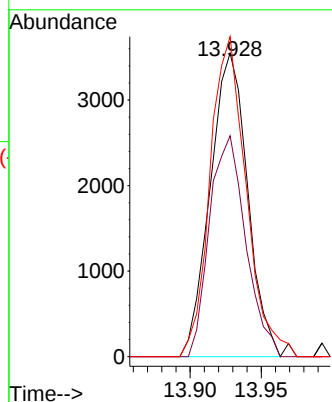
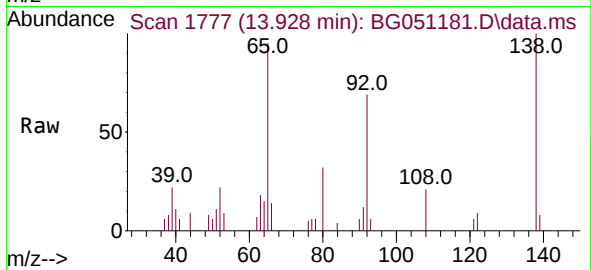
Tgt Ion: 65 Resp: 6479

Ion Ratio Lower Upper

65 100

92 72.8 53.0 79.4

138 105.4 67.4 101.0#



#47

Dimethylphthalate

Concen: 4.941 ng/ul

RT: 14.275 min Scan# 1836

Delta R.T. 0.002 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

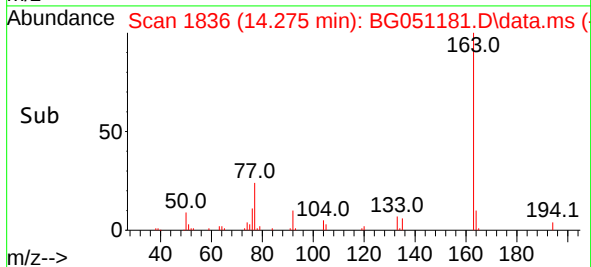
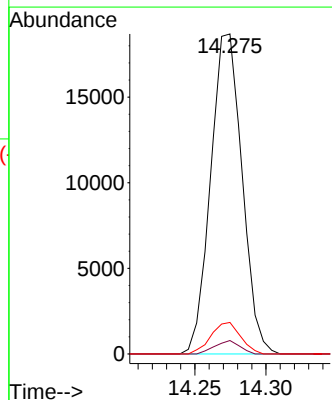
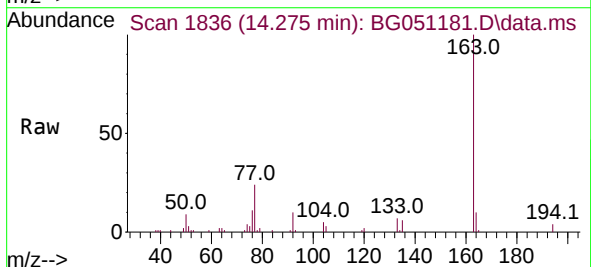
Tgt Ion:163 Resp: 28791

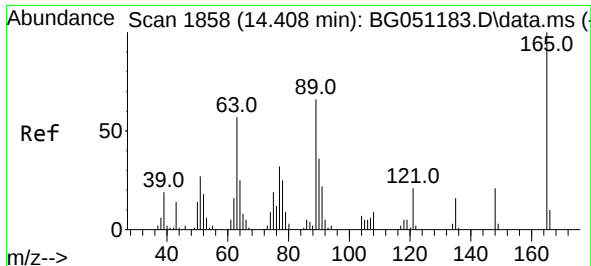
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

164 9.8 8.2 12.4

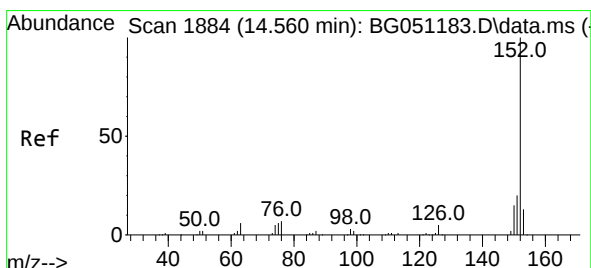
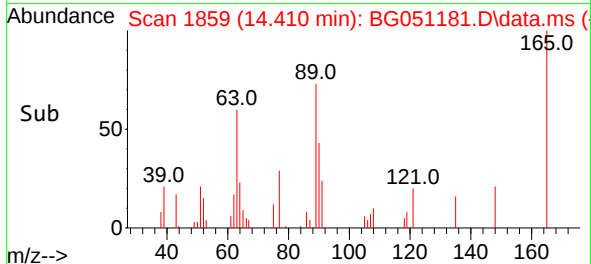
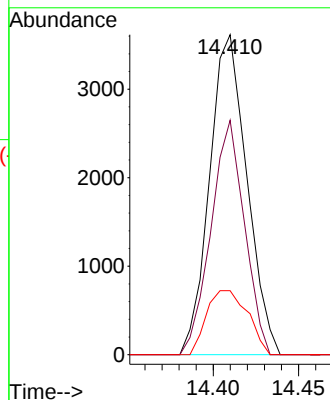
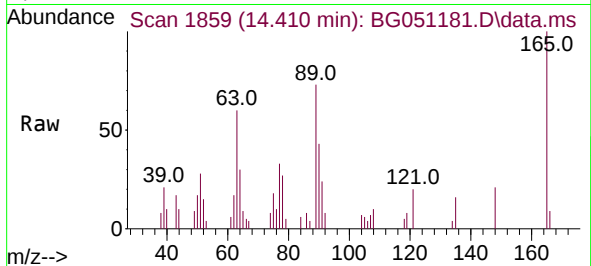




#48
2,6-Dinitrotoluene
Concen: 4.514 ng/ul
RT: 14.410 min Scan# 1859
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

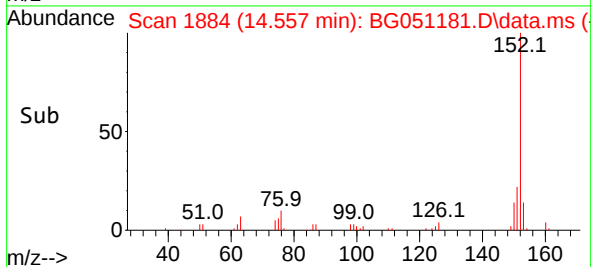
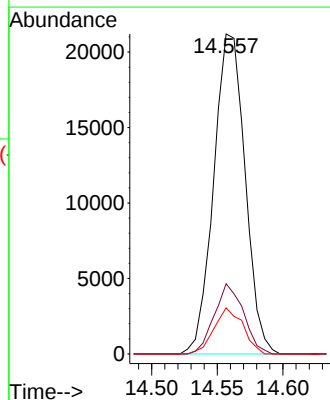
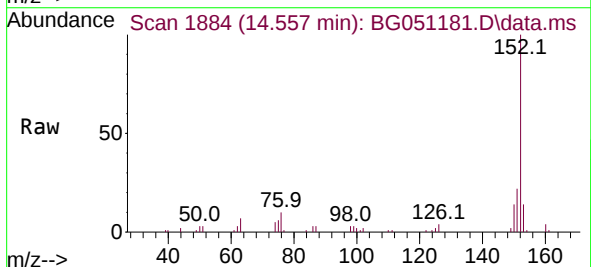
Instrument :
BNA_G
ClientSampleId :
SSTD005420

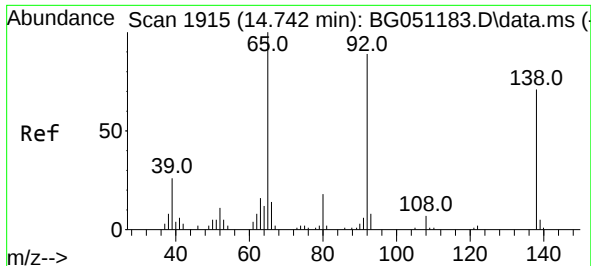
Tgt Ion:165 Resp: 5505
Ion Ratio Lower Upper
165 100
89 73.2 57.4 86.0
121 20.0 18.8 28.2



#50
Acenaphthylene
Concen: 4.850 ng/ul
RT: 14.557 min Scan# 1884
Delta R.T. -0.004 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:152 Resp: 35287
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.0
153 14.4 10.3 15.5

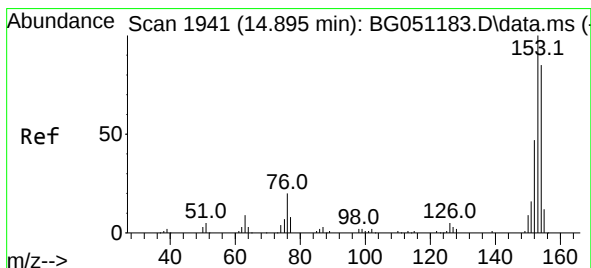
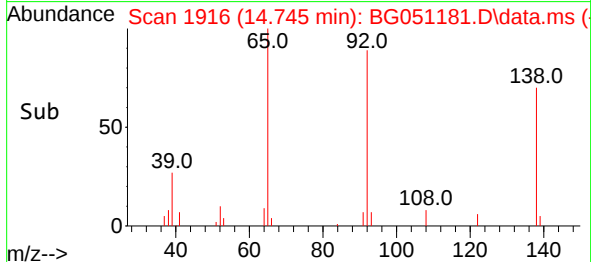
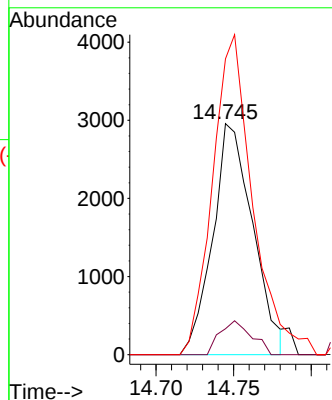
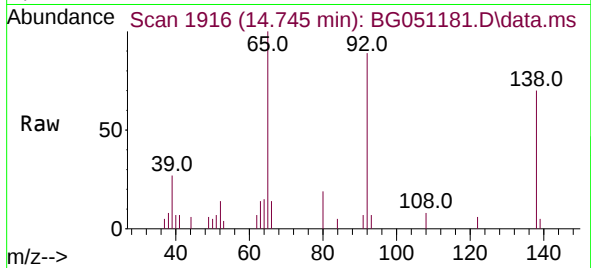




#51
3-Nitroaniline
Concen: 4.212 ng/ul
RT: 14.745 min Scan# 1915
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

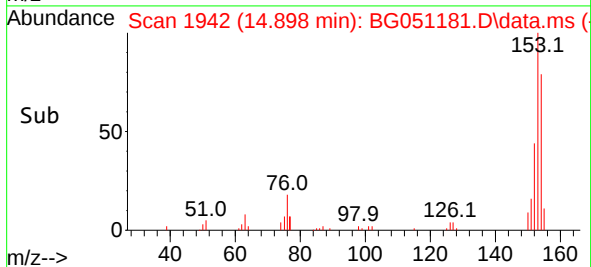
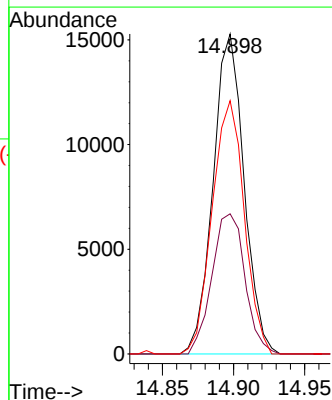
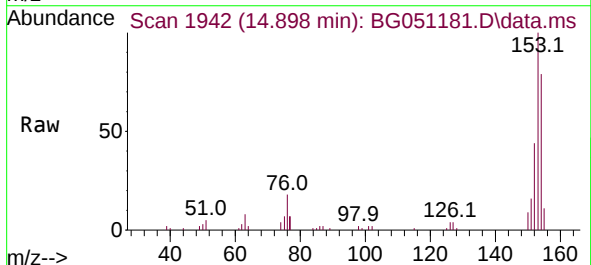
Instrument :
BNA_G
ClientSampleId :
SSTD005420

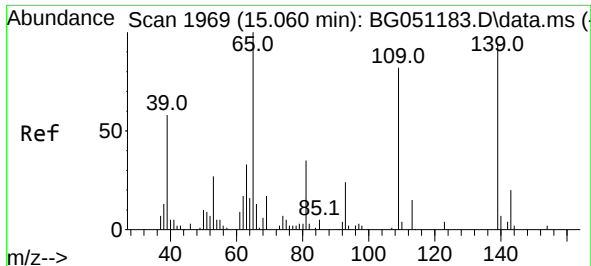
Tgt Ion:138 Resp: 5312
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 128.1 98.0 147.0



#52
Acenaphthene
Concen: 4.837 ng/ul
RT: 14.898 min Scan# 1942
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:153 Resp: 23144
Ion Ratio Lower Upper
153 100
152 43.8 36.5 54.7
154 79.1 65.8 98.6

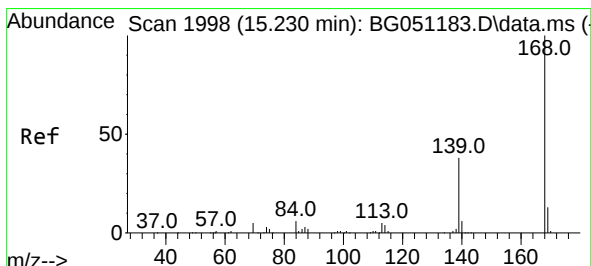
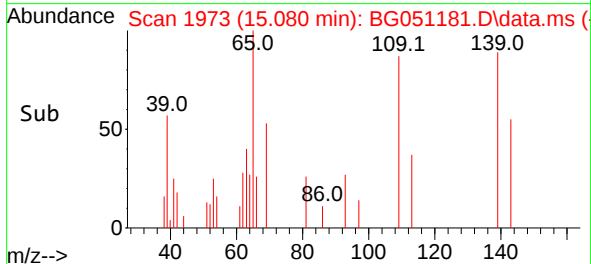
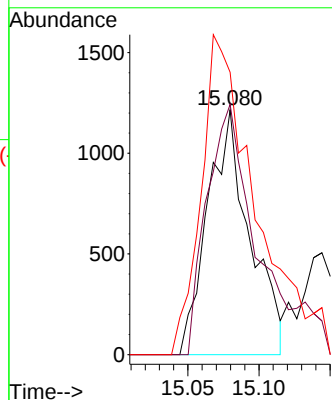
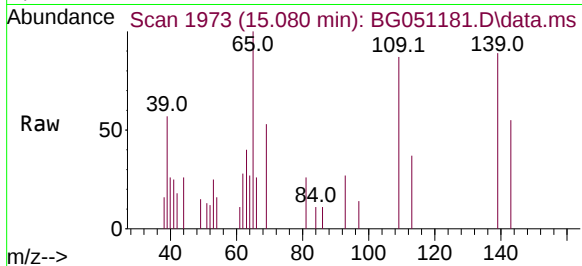




#55
4-Nitrophenol
Concen: 2.579 ng/ul
RT: 15.080 min Scan# 1973
Delta R.T. 0.020 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

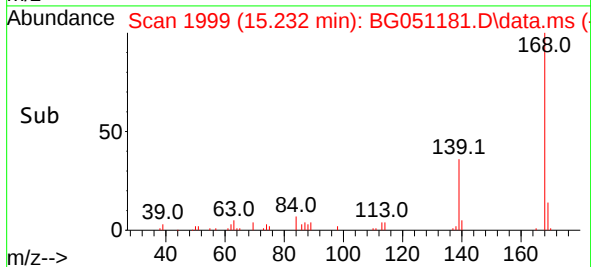
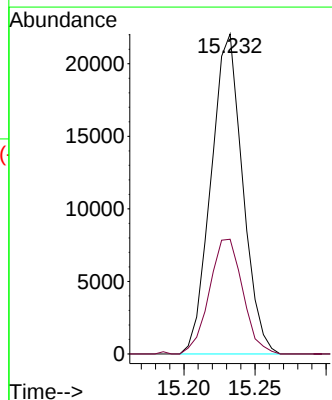
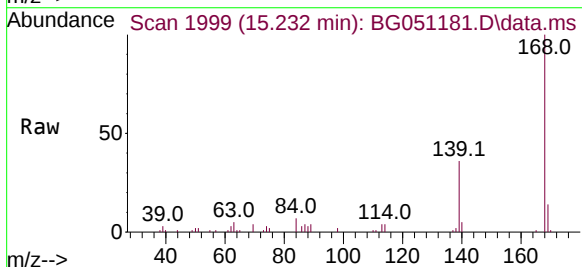
Instrument :
BNA_G
ClientSampleId :
SSTD005420

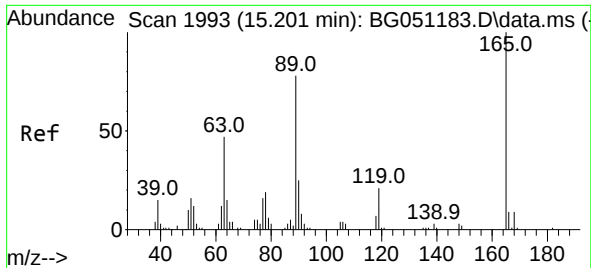
Tgt Ion:109 Resp: 2499
Ion Ratio Lower Upper
109 100
139 102.2 88.7 133.1
65 115.3 113.6 170.4



#56
Dibenzofuran
Concen: 4.978 ng/ul
RT: 15.232 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:168 Resp: 34092
Ion Ratio Lower Upper
168 100
139 35.8 31.2 46.8

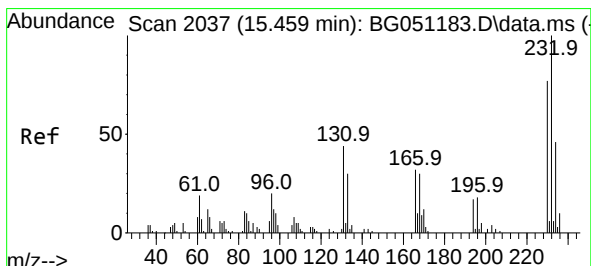
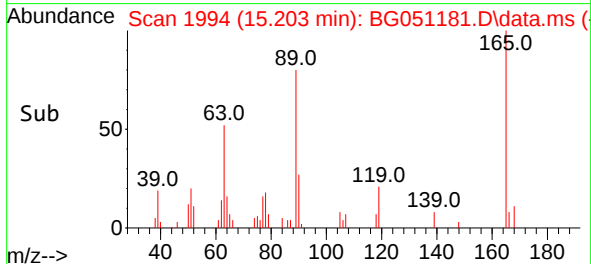
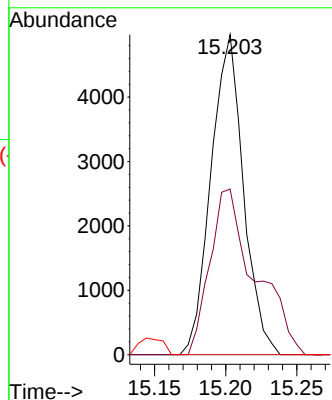
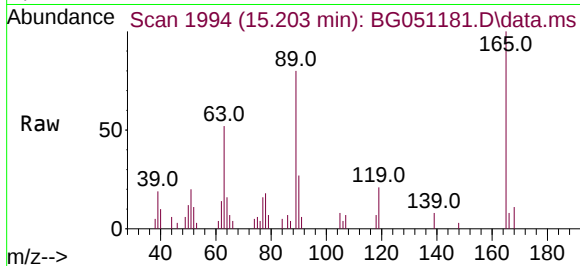




#57
2,4-Dinitrotoluene
Concen: 4.524 ng/ul
RT: 15.203 min Scan# 1993
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

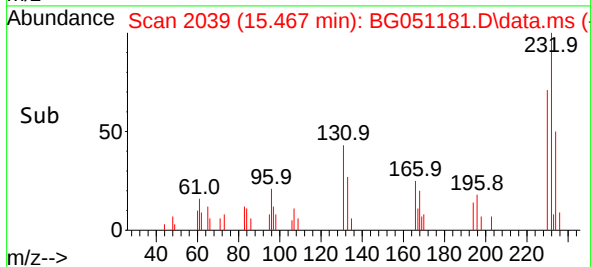
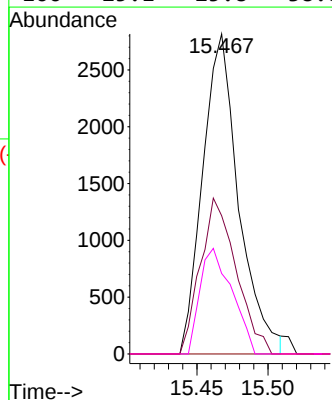
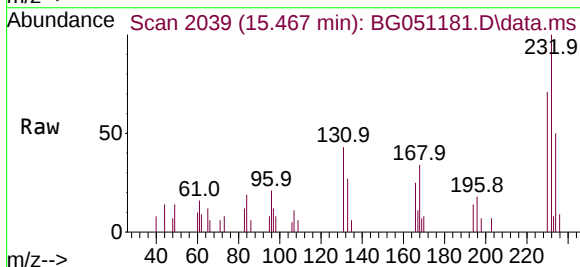
Instrument :
BNA_G
ClientSampleId :
SSTD005420

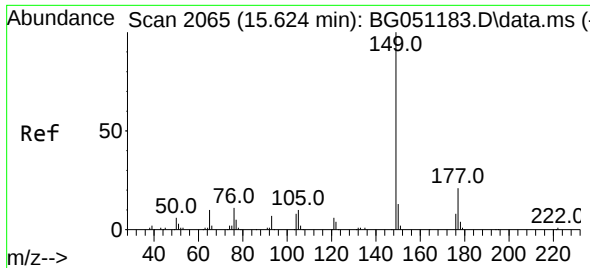
Tgt Ion:165 Resp: 7873
Ion Ratio Lower Upper
165 100
63 51.7 42.1 63.1
182 0.0 1.8 2.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.042 ng/ul
RT: 15.467 min Scan# 2039
Delta R.T. 0.008 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:232 Resp: 4952
Ion Ratio Lower Upper
232 100
131 43.2 38.9 58.3
130 0.0 2.4 3.6#
166 25.1 25.8 38.8#

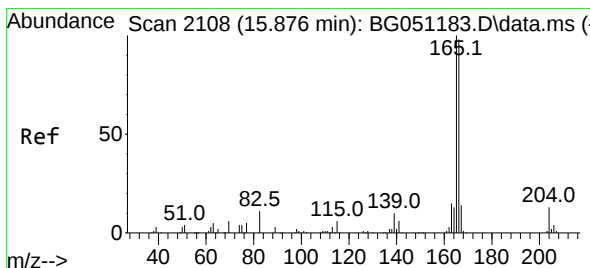
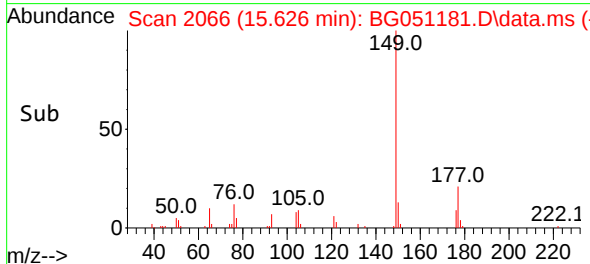
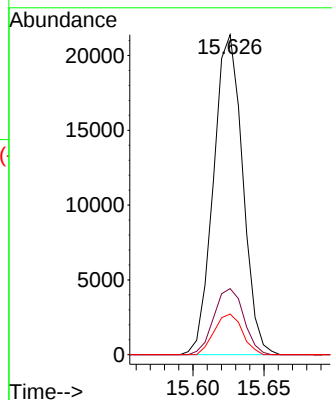
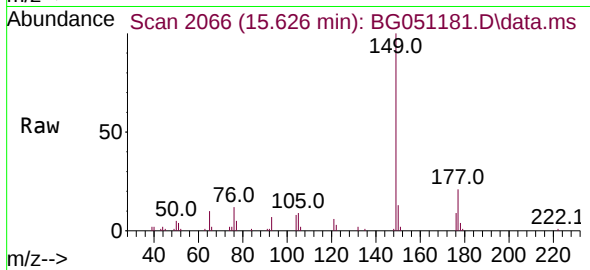




#59
Diethylphthalate
Concen: 4.894 ng/ul
RT: 15.626 min Scan# 2065
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

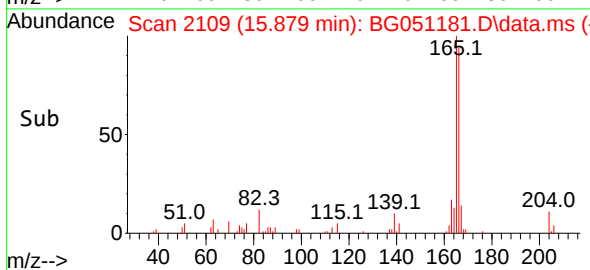
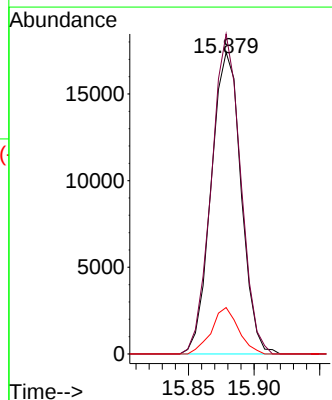
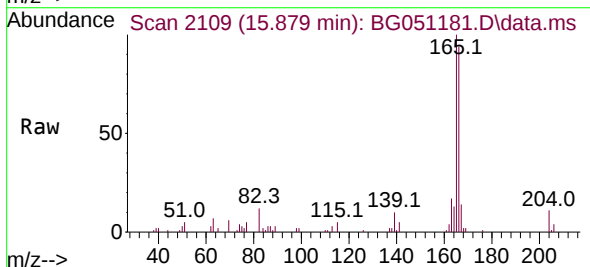
Instrument :
BNA_G
ClientSampleId :
SSTD005420

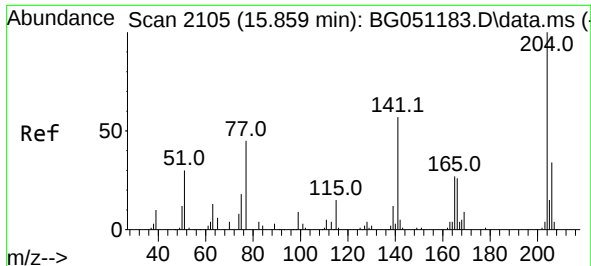
Tgt Ion:149 Resp: 30526
Ion Ratio Lower Upper
149 100
177 20.6 16.8 25.2
150 12.7 10.1 15.1



#61
Fluorene
Concen: 5.089 ng/ul
RT: 15.879 min Scan# 2109
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:166 Resp: 27583
Ion Ratio Lower Upper
166 100
165 106.1 81.0 121.6
167 15.4 11.0 16.4





#62

4-Chlorophenyl-phenylether

Concen: 5.200 ng/ul

RT: 15.861 min Scan# 2106

Delta R.T. 0.002 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

Instrument :

BNA_G

ClientSampleId :

SSTD005420

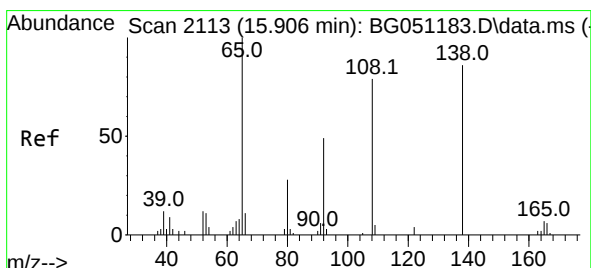
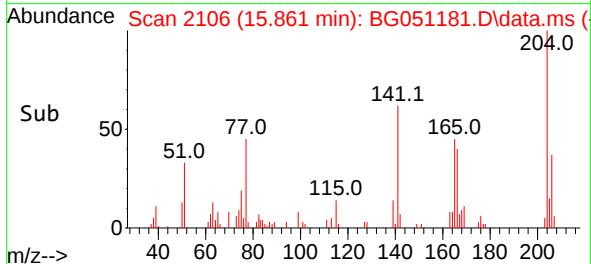
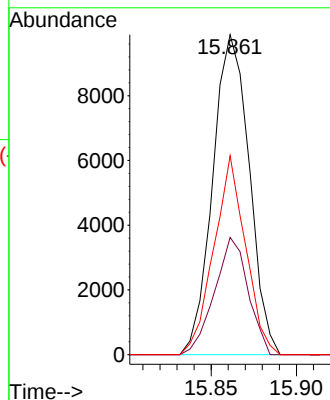
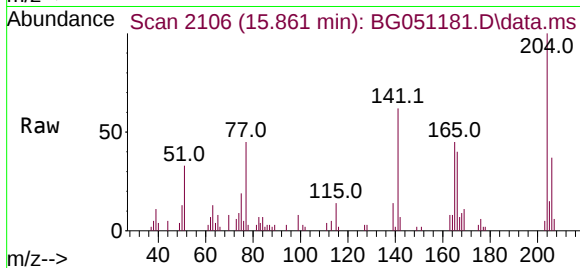
Tgt Ion:204 Resp: 14678

Ion Ratio Lower Upper

204 100

206 36.6 27.4 41.2

141 62.2 48.6 73.0



#63

4-Nitroaniline

Concen: 4.408 ng/ul

RT: 15.908 min Scan# 2114

Delta R.T. 0.002 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

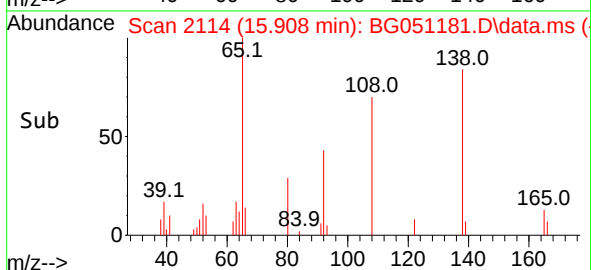
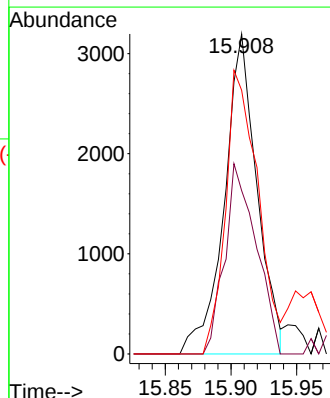
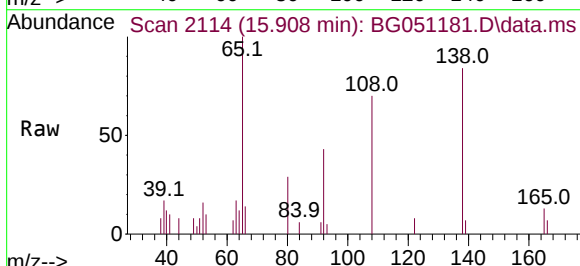
Tgt Ion:138 Resp: 5515

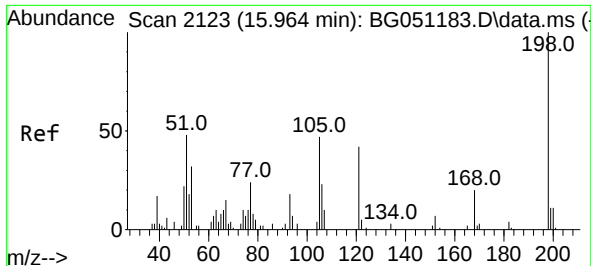
Ion Ratio Lower Upper

138 100

92 51.1 49.3 73.9

108 82.4 72.6 108.8

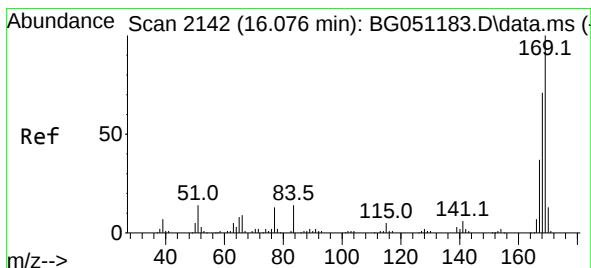
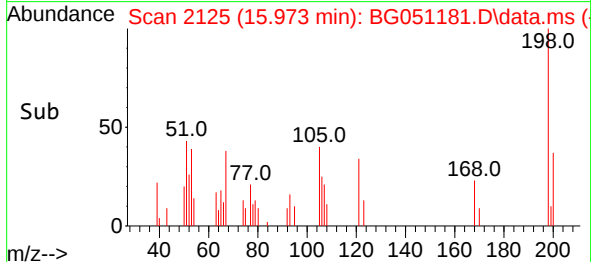
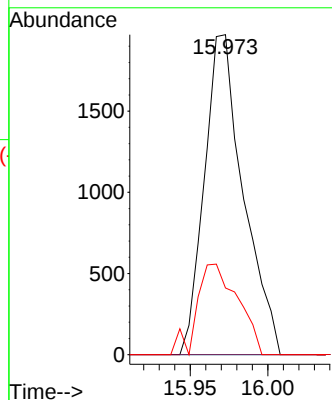
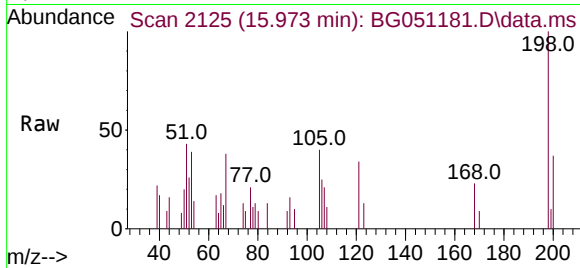




#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.176 ng/ul
 RT: 15.973 min Scan# 2125
 Delta R.T. 0.008 min
 Lab File: BG051181.D
 Acq: 23 Nov 2021 10:54

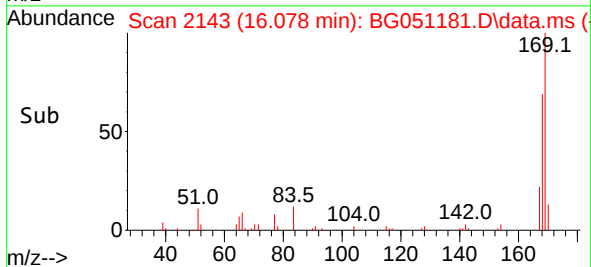
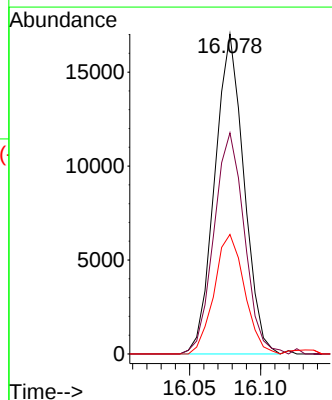
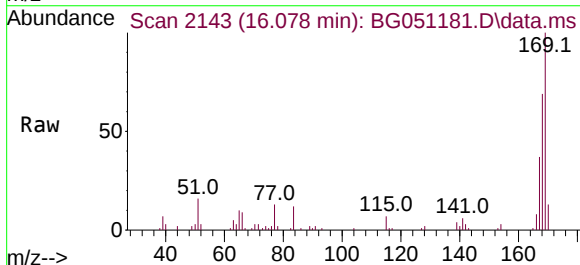
Instrument :
 BNA_G
 ClientSampleId :
 SSTD005420

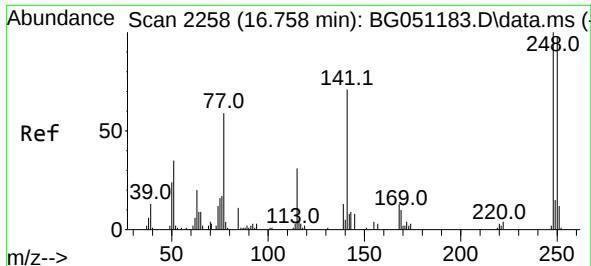
Tgt Ion:198 Resp: 3444
 Ion Ratio Lower Upper
 198 100
 182 0.0 3.8 5.8#
 77 20.9 23.2 34.8#



#67
 N-Nitrosodiphenylamine
 Concen: 4.744 ng/ul
 RT: 16.078 min Scan# 2143
 Delta R.T. 0.002 min
 Lab File: BG051181.D
 Acq: 23 Nov 2021 10:54

Tgt Ion:169 Resp: 24318
 Ion Ratio Lower Upper
 169 100
 168 69.1 58.5 87.7
 167 37.4 31.3 46.9

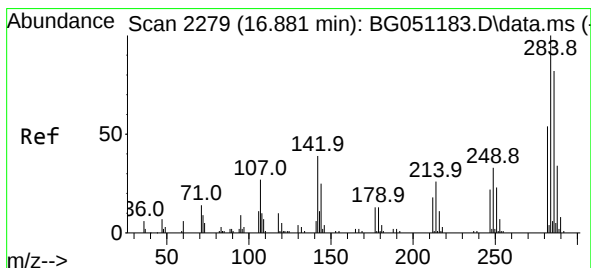
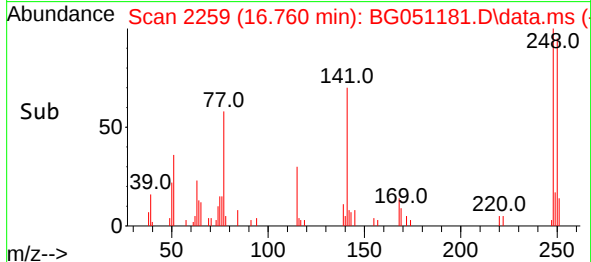
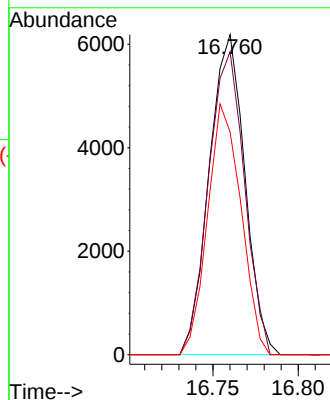
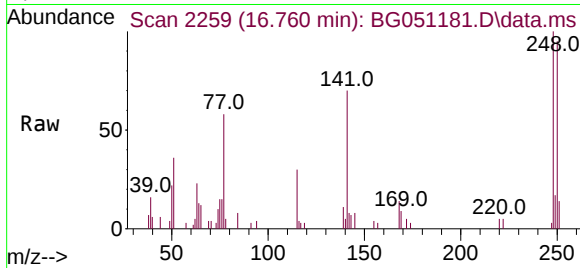




#68
4-Bromophenyl-phenylether
Concen: 4.927 ng/ul
RT: 16.760 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

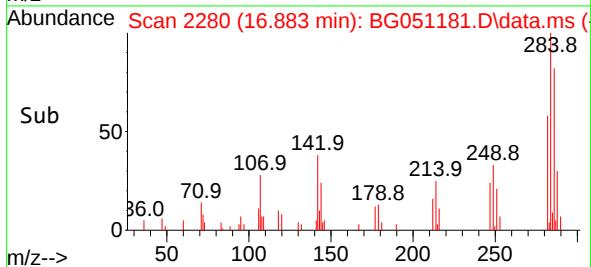
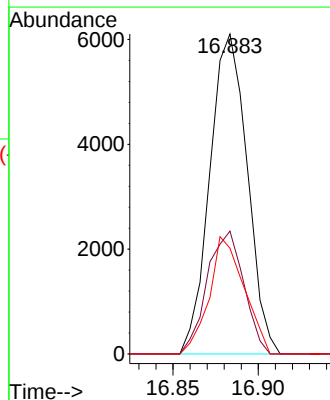
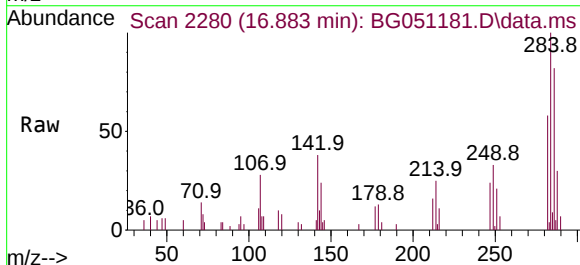
Instrument :
BNA_G
ClientSampleId :
SSTD005420

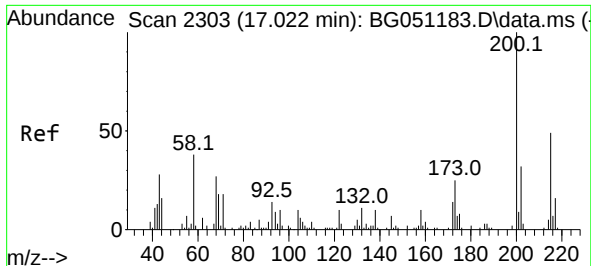
Tgt Ion:248 Resp: 8987
Ion Ratio Lower Upper
248 100
250 94.7 75.5 113.3
141 69.5 67.6 101.4



#69
Hexachlorobenzene
Concen: 4.965 ng/ul
RT: 16.883 min Scan# 2280
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:284 Resp: 9311
Ion Ratio Lower Upper
284 100
142 38.4 31.9 47.9
249 33.0 25.8 38.6

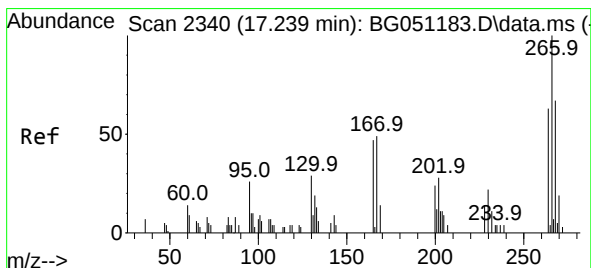
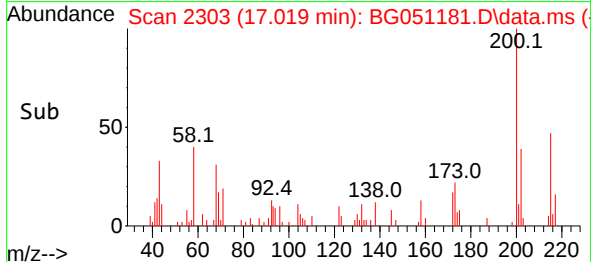
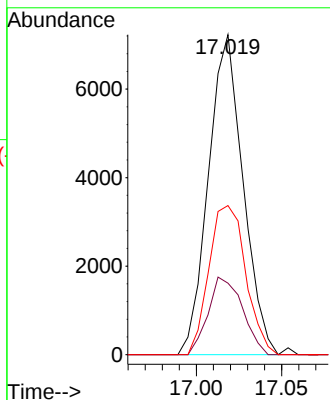
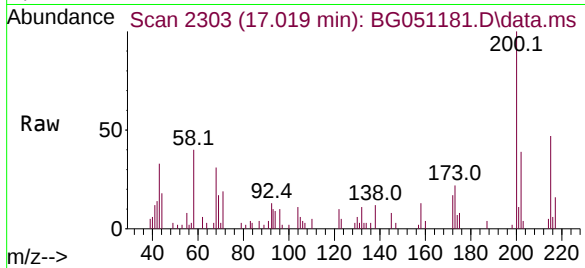




#70
Atrazine
Concen: 4.698 ng/ul
RT: 17.019 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

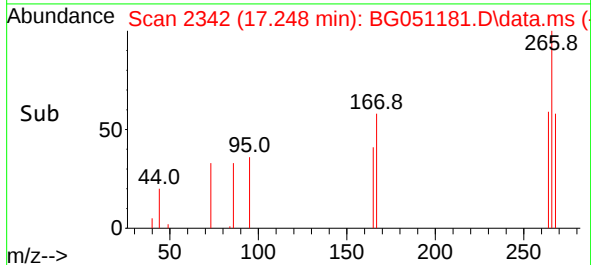
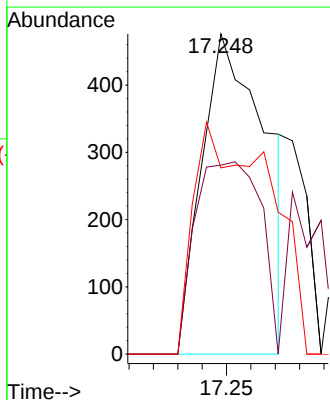
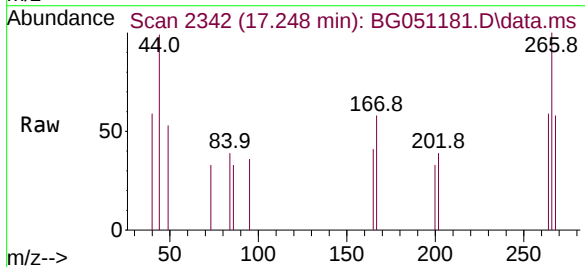
Instrument :
BNA_G
ClientSampleId :
SSTD005420

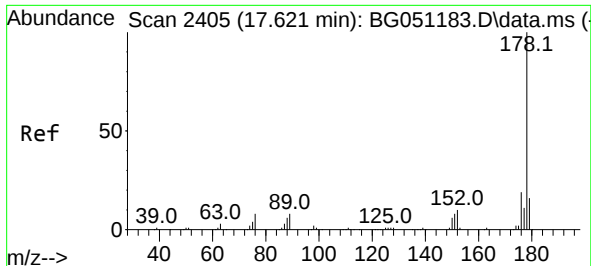
Tgt Ion:200 Resp: 10213
Ion Ratio Lower Upper
200 100
173 22.4 20.2 30.2
215 46.6 38.1 57.1



#71
Pentachlorophenol
Concen: 1.004 ng/ul
RT: 17.248 min Scan# 2342
Delta R.T. 0.008 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:266 Resp: 864
Ion Ratio Lower Upper
266 100
264 59.0 54.3 81.5
268 58.2 51.0 76.6

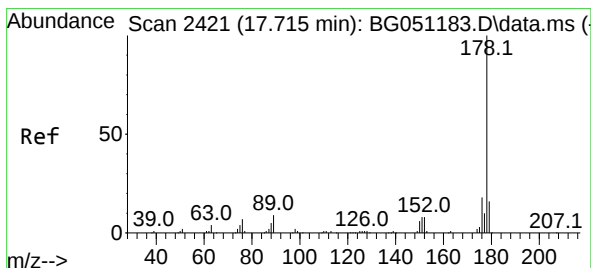
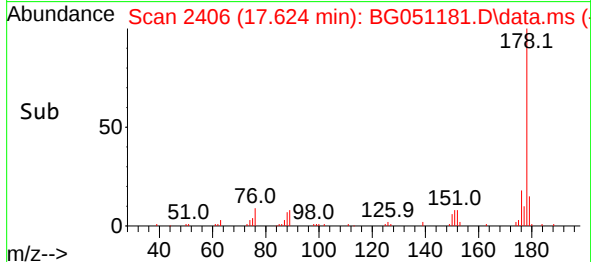
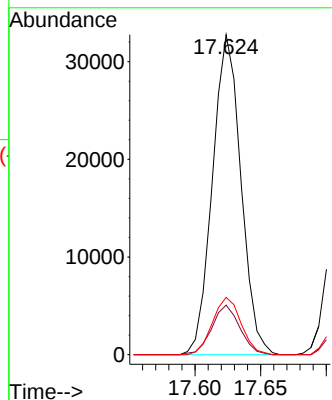
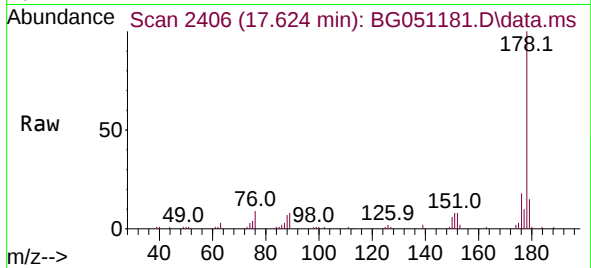




#72
Phenanthrene
Concen: 5.037 ng/ul
RT: 17.624 min Scan# 2405
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

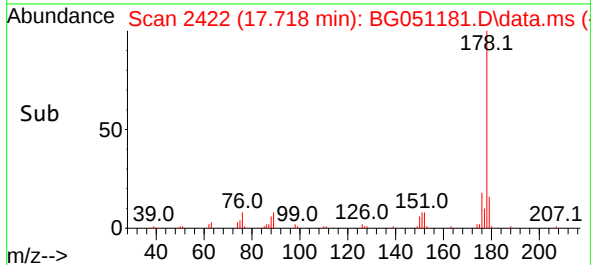
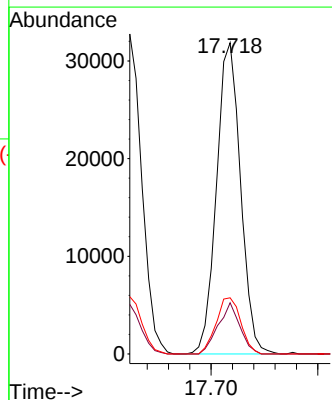
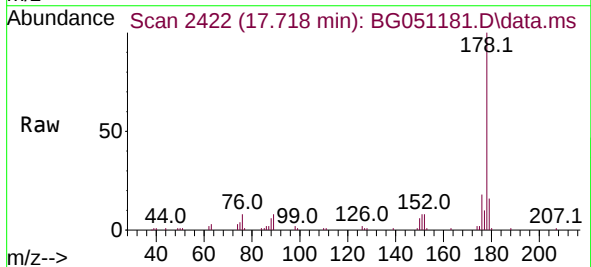
Instrument :
BNA_G
ClientSampleId :
SSTD005420

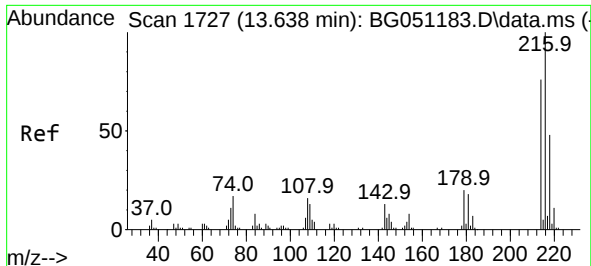
Tgt Ion:178 Resp: 49305
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 17.9 15.5 23.3



#74
Anthracene
Concen: 5.069 ng/ul
RT: 17.718 min Scan# 2422
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:178 Resp: 49787
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 18.0 15.6 23.4

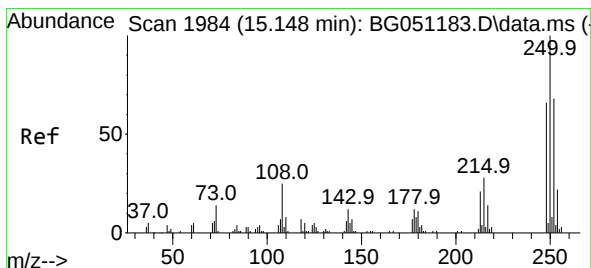
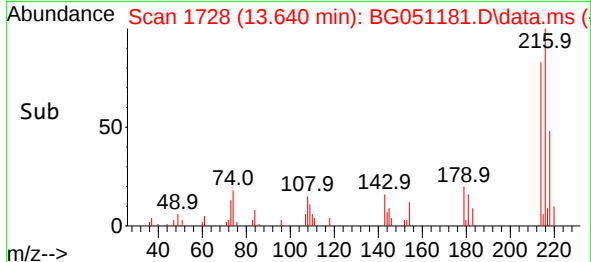
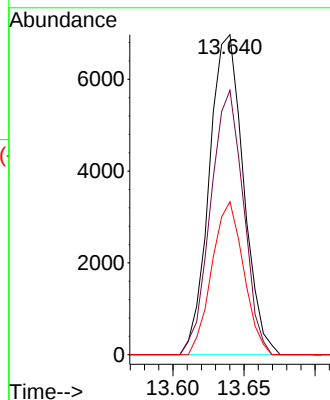
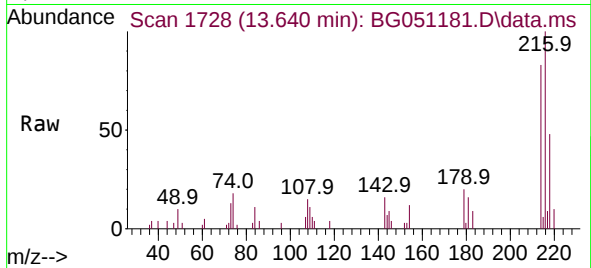




#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.678 ng/uL
RT: 13.640 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

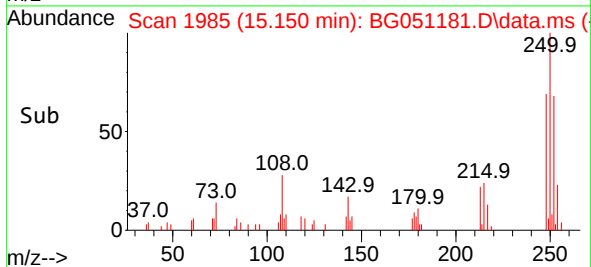
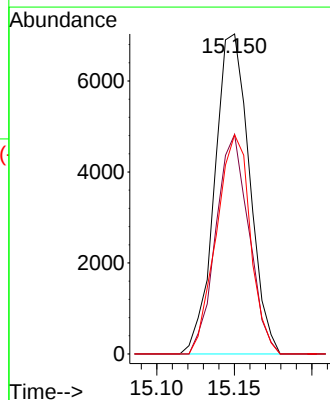
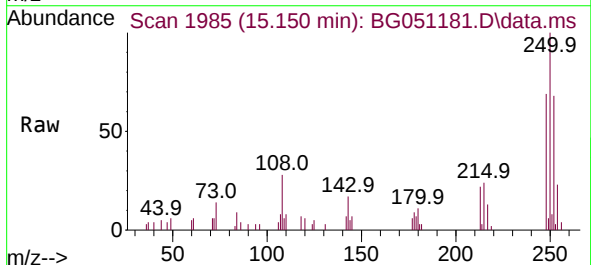
Instrument :
BNA_G
ClientSampleId :
SSTD005420

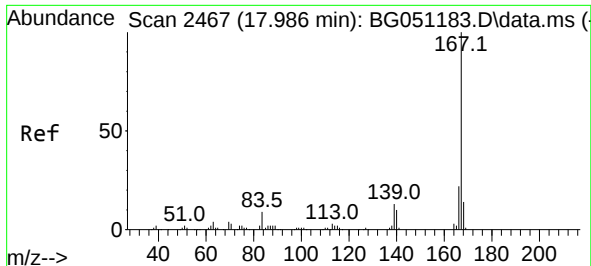
Tgt Ion:216 Resp: 11680
Ion Ratio Lower Upper
216 100
214 82.6 61.3 91.9
218 47.8 37.0 55.6



#76
Pentachlorobenzene
Concen: 4.745 ng/uL
RT: 15.150 min Scan# 1985
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:250 Resp: 10977
Ion Ratio Lower Upper
250 100
248 68.6 50.5 75.7
252 68.5 51.2 76.8

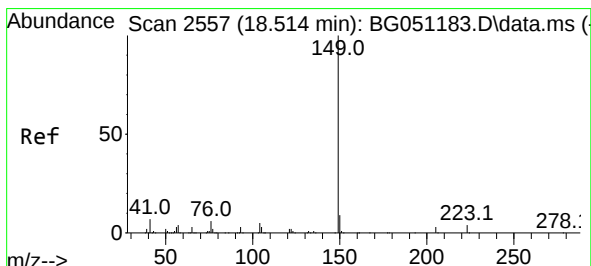
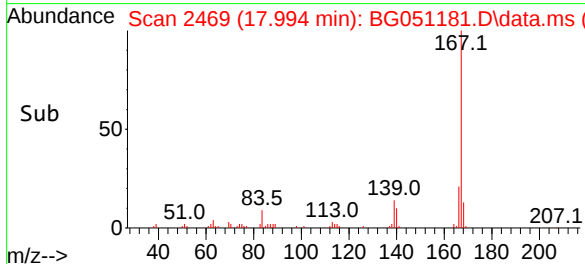
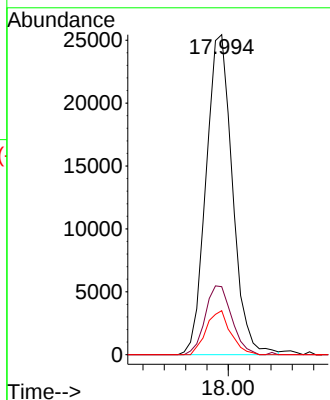
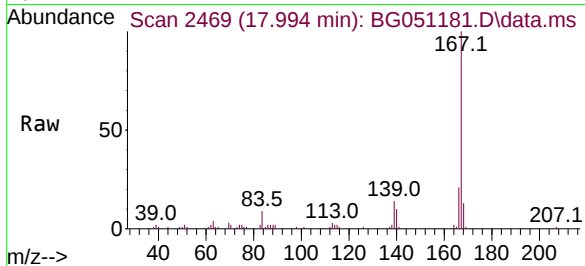




#77
 Carbazole
 Concen: 4.961 ng/ul
 RT: 17.994 min Scan# 2469
 Delta R.T. 0.008 min
 Lab File: BG051181.D
 Acq: 23 Nov 2021 10:54

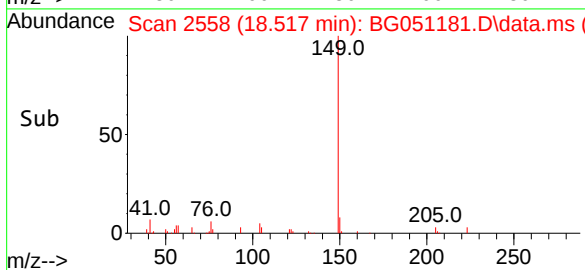
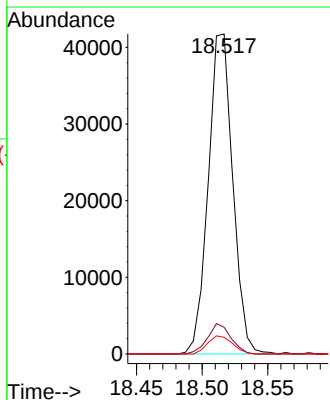
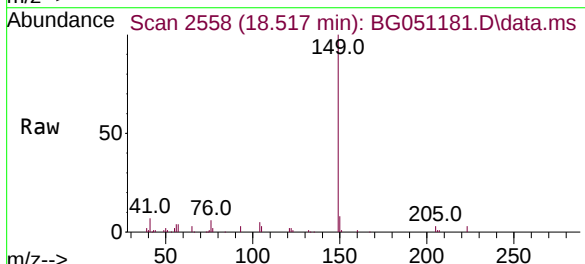
Instrument :
 BNA_G
 ClientSampleId :
 SSTD005420

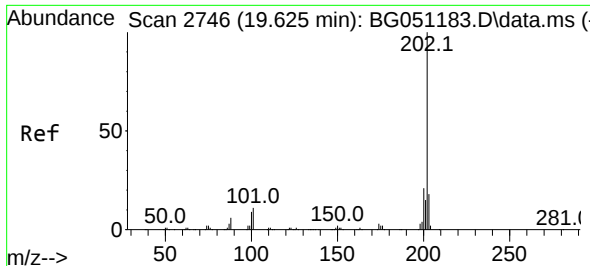
Tgt Ion:167 Resp: 43676
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 13.7 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 4.709 ng/ul
 RT: 18.517 min Scan# 2558
 Delta R.T. 0.002 min
 Lab File: BG051181.D
 Acq: 23 Nov 2021 10:54

Tgt Ion:149 Resp: 54475
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.5 11.3
 104 5.2 5.0 7.6

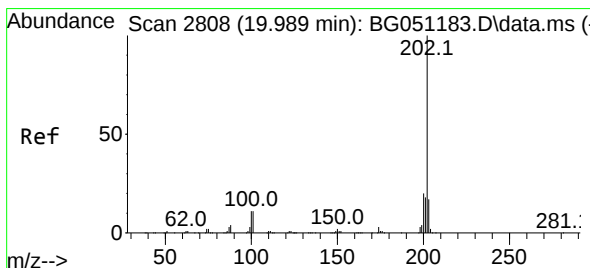
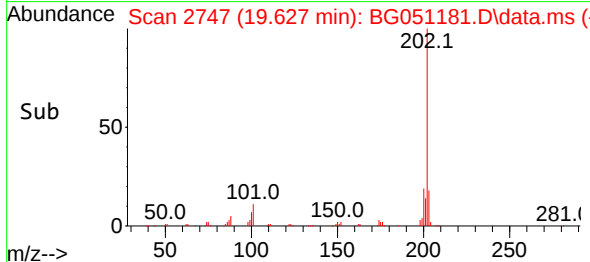
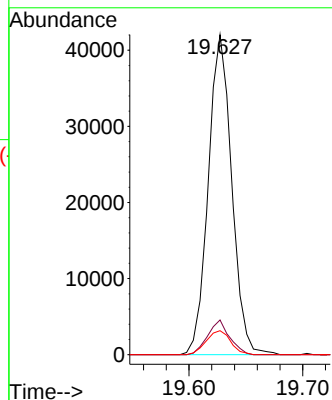
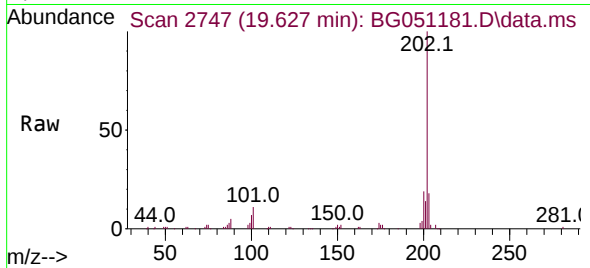




#80
 Fluoranthene
 Concen: 4.475 ng/ul
 RT: 19.627 min Scan# 2746
 Delta R.T. 0.002 min
 Lab File: BG051181.D
 Acq: 23 Nov 2021 10:54

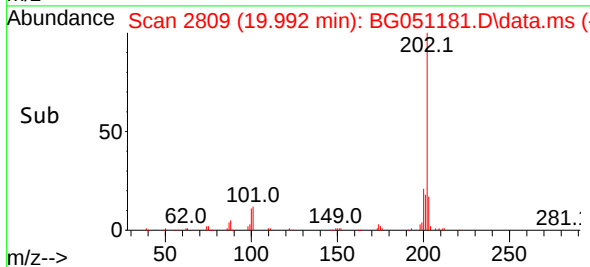
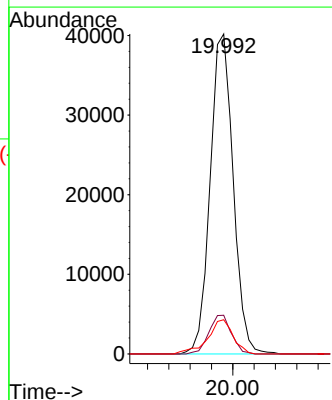
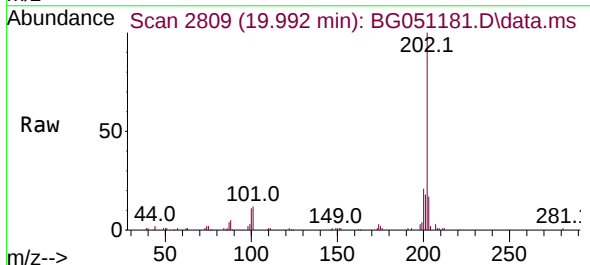
Instrument :
 BNA_G
 ClientSampleId :
 SSTD005420

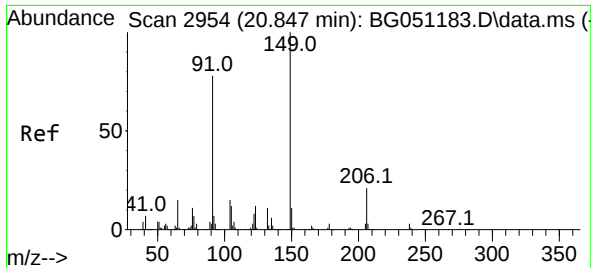
Tgt Ion:202 Resp: 60311
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.3 13.9
 100 7.5 7.0 10.6



#82
 Pyrene
 Concen: 4.568 ng/ul
 RT: 19.992 min Scan# 2809
 Delta R.T. 0.002 min
 Lab File: BG051181.D
 Acq: 23 Nov 2021 10:54

Tgt Ion:202 Resp: 60152
 Ion Ratio Lower Upper
 202 100
 101 12.1 10.7 16.1
 100 10.7 9.0 13.6

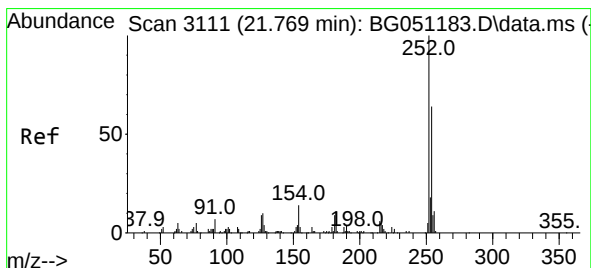
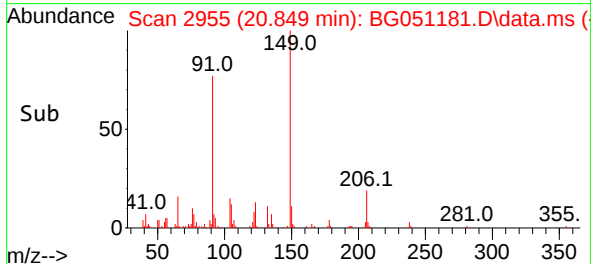
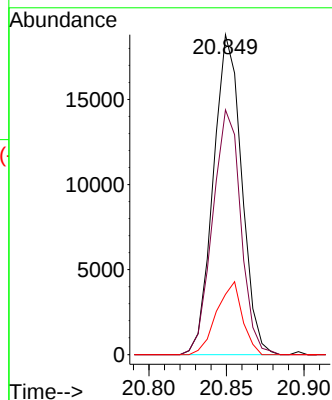
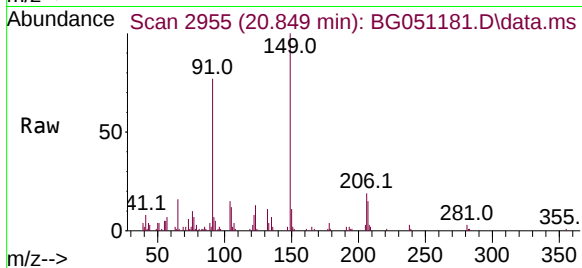




#83
Butylbenzylphthalate
Concen: 4.220 ng/ul
RT: 20.849 min Scan# 2954
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

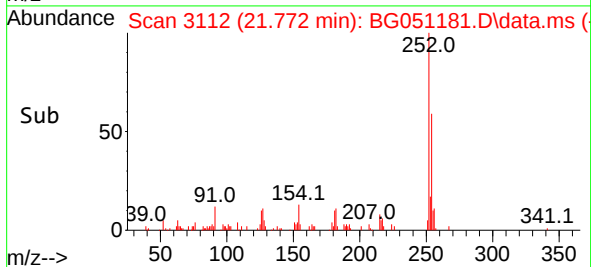
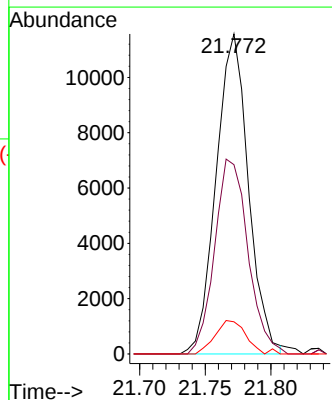
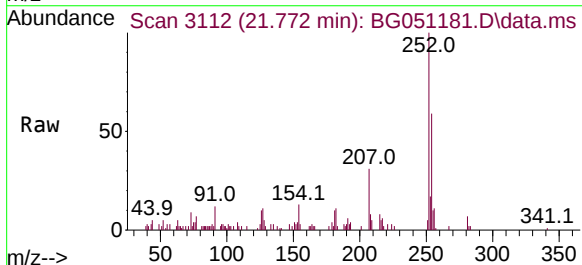
Instrument :
BNA_G
ClientSampleId :
SSTD005420

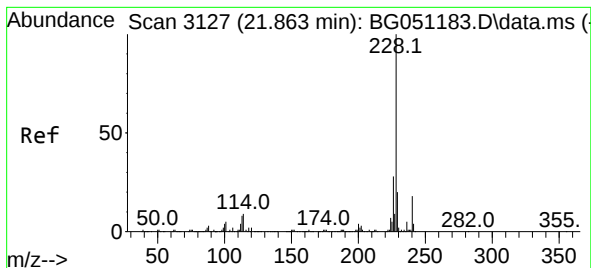
Tgt Ion:149 Resp: 23895
Ion Ratio Lower Upper
149 100
91 76.5 65.2 97.8
206 18.9 16.2 24.2



#84
3,3'-Dichlorobenzidine
Concen: 4.676 ng/ul
RT: 21.772 min Scan# 3112
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:252 Resp: 19801
Ion Ratio Lower Upper
252 100
254 59.2 50.8 76.2
126 10.0 9.0 13.4





#85

Benzo(a)anthracene

Concen: 4.617 ng/ul

RT: 21.860 min Scan# 3127

Delta R.T. -0.004 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

Instrument :

BNA_G

ClientSampleId :

SSTD005420

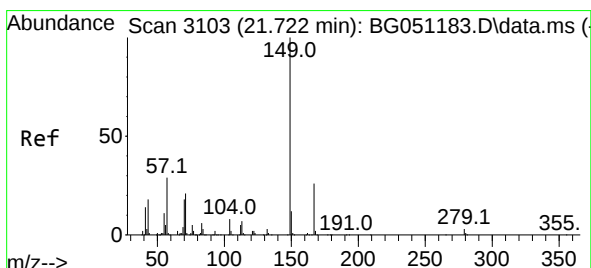
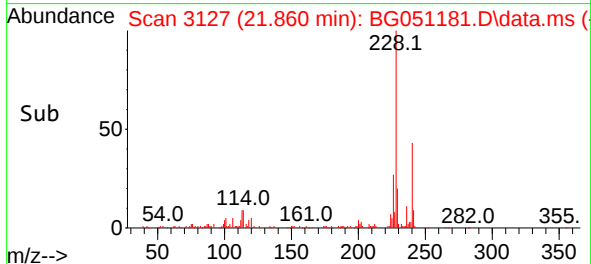
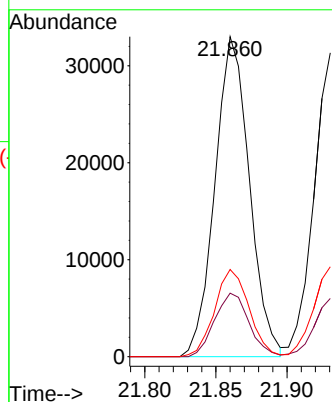
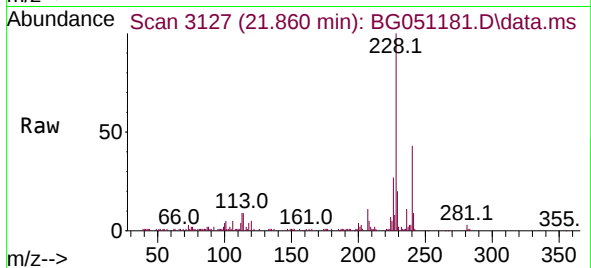
Tgt Ion:228 Resp: 55572

Ion Ratio Lower Upper

228 100

229 19.9 15.7 23.5

226 27.2 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.182 ng/ul

RT: 21.725 min Scan# 3104

Delta R.T. 0.002 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

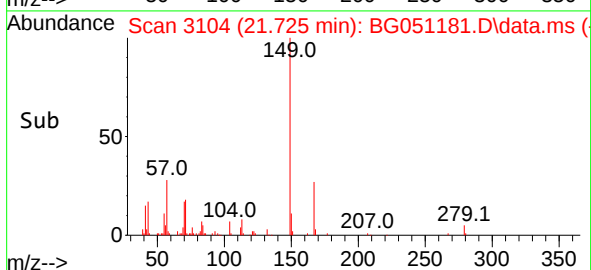
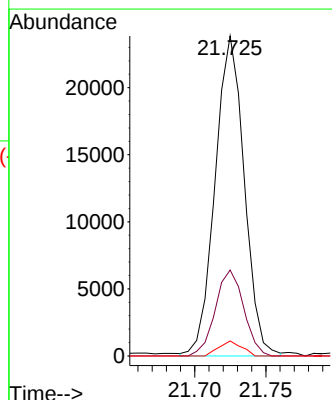
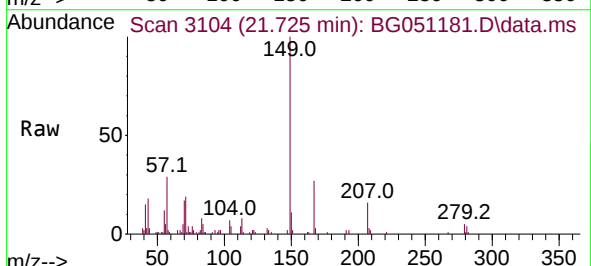
Tgt Ion:149 Resp: 33997

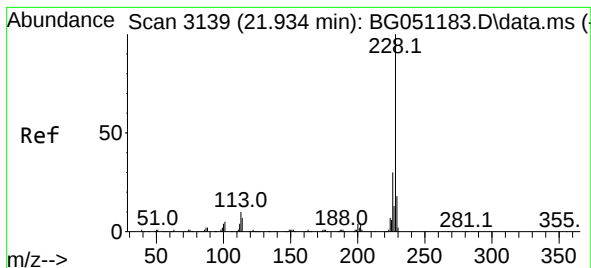
Ion Ratio Lower Upper

149 100

167 26.9 21.1 31.7

279 4.7 2.7 4.1#





#87

Chrysene

Concen: 4.673 ng/ul

RT: 21.930 min Scan# 3139

Delta R.T. -0.004 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

Instrument :

BNA_G

ClientSampleId :

SSTD005420

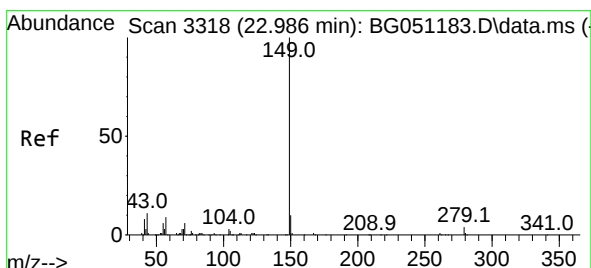
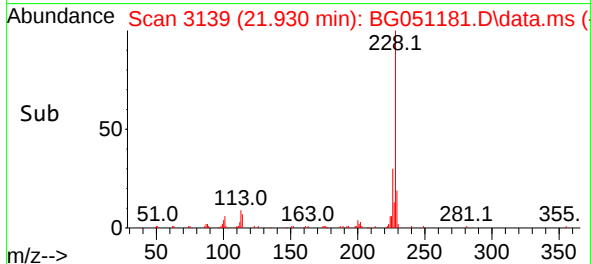
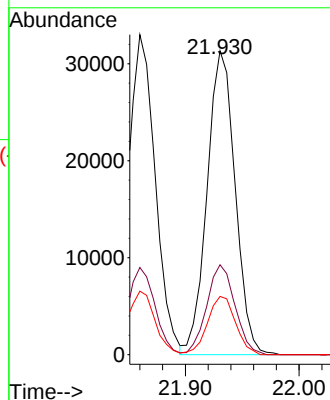
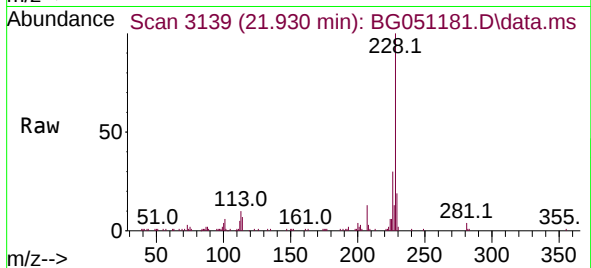
Tgt Ion:228 Resp: 53736

Ion Ratio Lower Upper

228 100

226 29.6 24.8 37.2

229 19.2 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 4.203 ng/ul

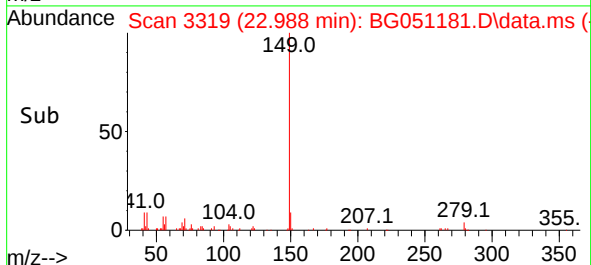
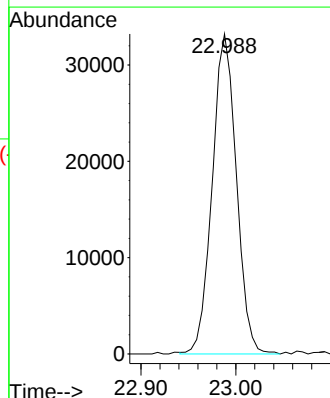
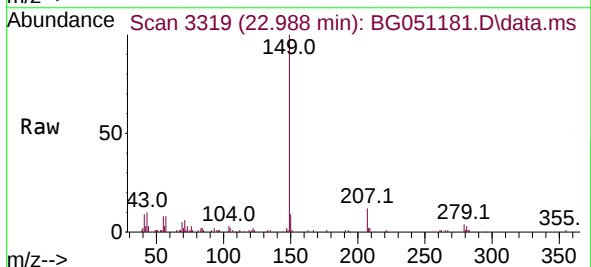
RT: 22.988 min Scan# 3319

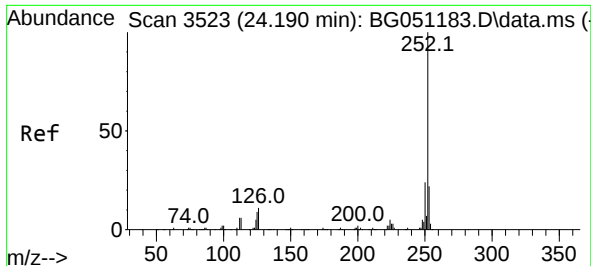
Delta R.T. 0.002 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

Tgt Ion:149 Resp: 58782

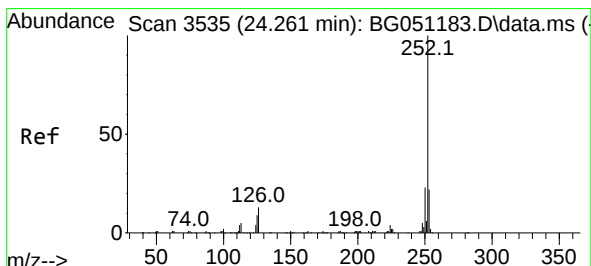
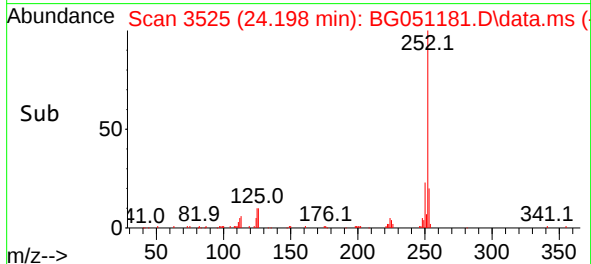
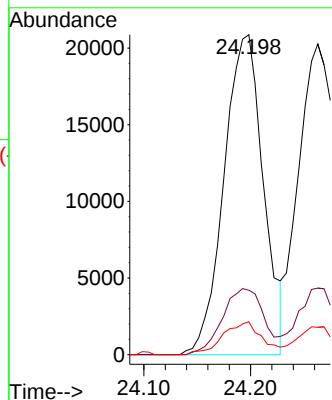
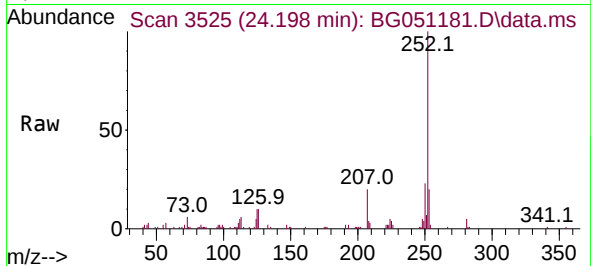




#90
Benzo(b)fluoranthene
Concen: 4.368 ng/ul
RT: 24.198 min Scan# 3525
Delta R.T. 0.008 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

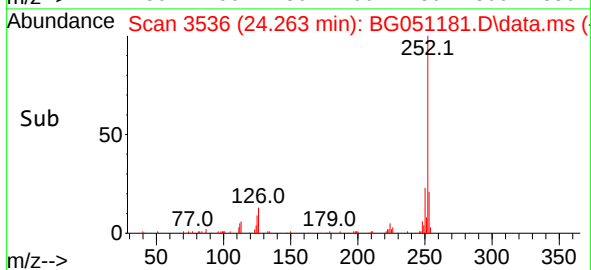
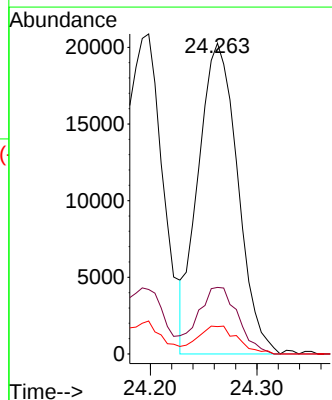
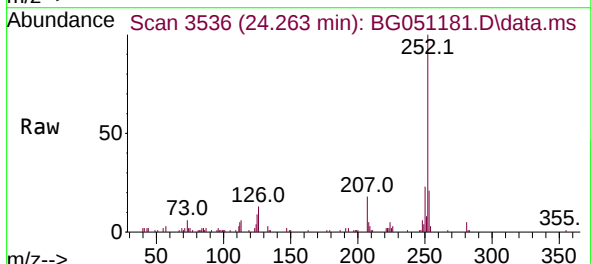
Instrument :
BNA_G
ClientSampleId :
SSTD005420

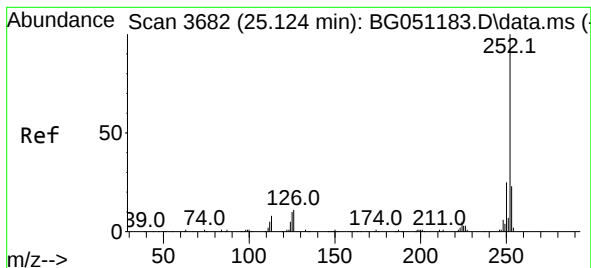
Tgt Ion:252 Resp: 53459
Ion Ratio Lower Upper
252 100
253 20.2 17.8 26.6
125 10.3 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 4.540 ng/ul
RT: 24.263 min Scan# 3536
Delta R.T. 0.002 min
Lab File: BG051181.D
Acq: 23 Nov 2021 10:54

Tgt Ion:252 Resp: 52138
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 8.8 7.8 11.6





#93

Benzo(a)pyrene

Concen: 4.428 ng/ul

RT: 25.121 min Scan# 3

Delta R.T. -0.004 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

Instrument :

BNA_G

ClientSampleId :

SSTD005420

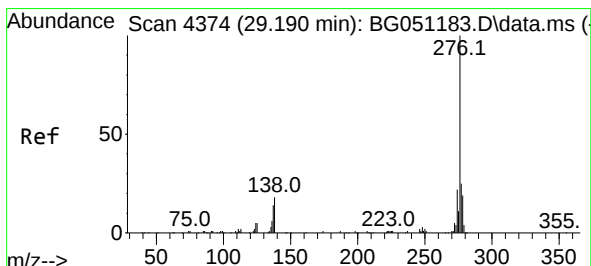
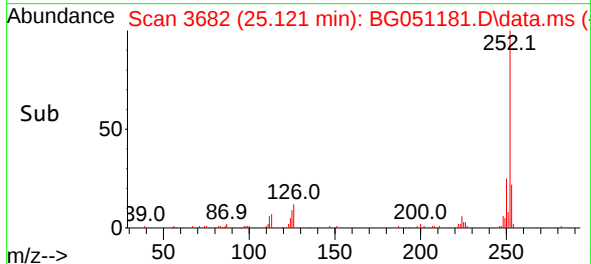
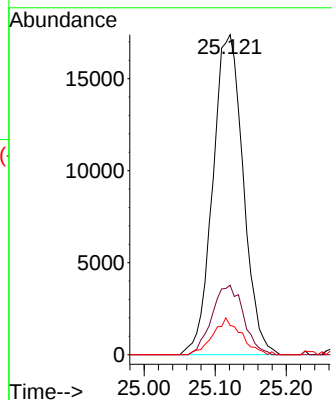
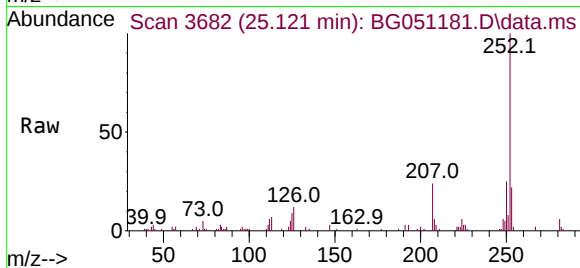
Tgt Ion:252 Resp: 51609

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 9.2 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.437 ng/ul

RT: 29.192 min Scan# 4375

Delta R.T. 0.002 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

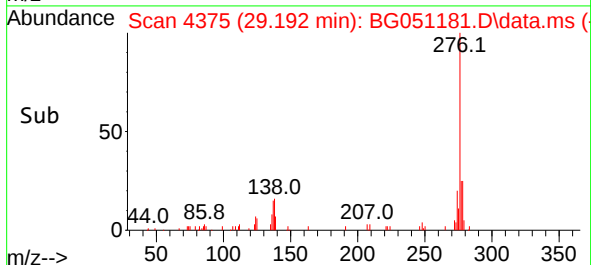
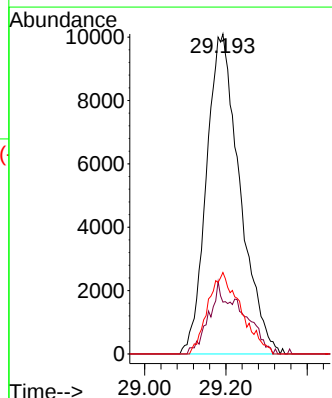
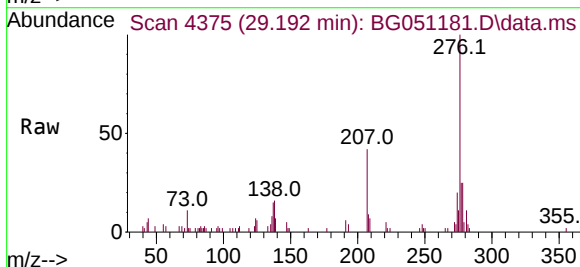
Tgt Ion:276 Resp: 57565

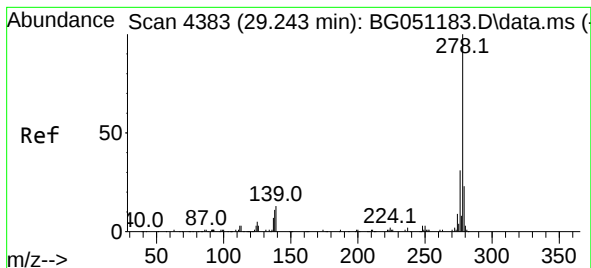
Ion Ratio Lower Upper

276 100

138 22.9 15.5 23.3

277 25.4 20.5 30.7





#95

Dibenzo(a,h)anthracene

Concen: 4.456 ng/ul

RT: 29.245 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

Instrument :

BNA_G

ClientSampleId :

SSTD005420

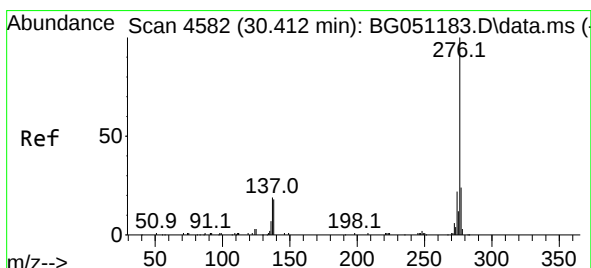
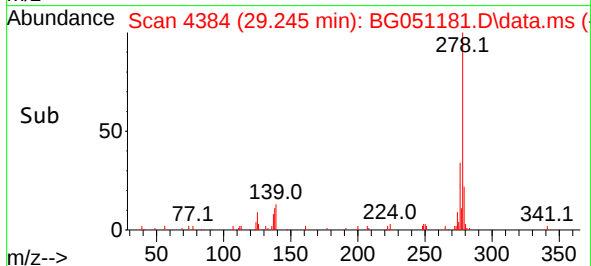
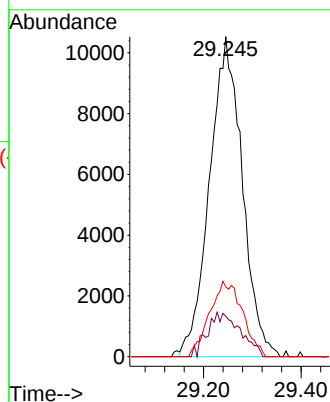
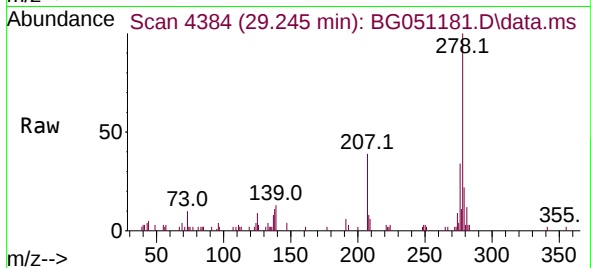
Tgt Ion:278 Resp: 48915

Ion Ratio Lower Upper

278 100

139 12.7 12.2 18.4

279 21.8 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 2.220 ng/ul

RT: 30.409 min Scan# 4582

Delta R.T. -0.004 min

Lab File: BG051181.D

Acq: 23 Nov 2021 10:54

Tgt Ion:276 Resp: 24114

Ion Ratio Lower Upper

276 100

138 16.3 16.6 24.8#

277 24.4 17.6 26.4

