

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
 Data File : BG057373.D
 Acq On : 10 May 2023 17:34
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020484

Quant Time: May 10 23:40:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 11:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	16671	20.000	ng/ul	0.00
20) Naphthalene-d8	11.200	136	70156	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.978	164	54839	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.721	188	136370	20.000	ng/ul	0.00
79) Chrysene-d12	22.027	240	129405	20.000	ng/ul	0.00
88) Perylene-d12	25.534	264	135450	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.646	96	3304	8.721	ng/uL	0.00
4) Pyridine-d5	4.087	84	24212	20.272	ng/ul	0.00
7) Phenol-d5	7.505	99	32555	20.649	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.670	67	18033	19.447	ng/ul	0.00
11) 2-Chlorophenol-d4	7.893	132	22959	22.098	ng/ul	0.00
15) 4-Methylphenol-d8	9.068	113	24830	20.722	ng/ul	0.00
21) Nitrobenzene-d5	9.544	128	11728	20.992	ng/ul	0.00
24) 2-Nitrophenol-d4	10.278	143	14837	22.755	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.819	165	28634	22.762	ng/ul	0.00
31) 4-Chloroaniline-d4	11.336	131	37108	22.257	ng/ul	0.00
46) Dimethylphthalate-d6	14.361	166	93025	21.408	ng/ul	0.00
49) Acenaphthylene-d8	14.678	160	105898	21.684	ng/ul	0.00
54) 4-Nitrophenol-d4	15.166	143	11321	17.899	ng/ul	0.00
60) Fluorene-d10	15.965	176	87516	21.620	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.082	200	16165	20.007	ng/ul	0.00
73) Anthracene-d10	17.815	188	134837	21.662	ng/ul	0.00
81) Pyrene-d10	20.083	212	162097	21.104	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.293	264	145642	21.105	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.687	88	3699	9.207	ng/uL#	82
5) Pyridine	4.110	79	23910	18.991	ng/ul	93
6) Benzaldehyde	7.488	77	9552	19.837	ng/ul#	80
8) Phenol	7.535	94	32576	20.500	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.764	93	24081	20.248	ng/ul	94
12) 2-Chlorophenol	7.928	128	23649	21.671	ng/ul	97
13) 2-Methylphenol	8.798	108	25243	20.498	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.880	45	28558	18.625	ng/ul	96
16) Acetophenone	9.191	105	42348	20.538	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.162	70	22632	19.100	ng/ul#	93
18) 4-Methylphenol	9.133	108	27327	20.500	ng/ul	97
19) Hexachloroethane	9.462	117	9763	21.382	ng/ul	94
22) Nitrobenzene	9.585	77	33391	20.071	ng/ul	98
23) Isophorone	10.102	82	64195	20.281	ng/ul	98
25) 2-Nitrophenol	10.307	139	14837	22.466	ng/ul	93
26) 2,4-Dimethylphenol	10.349	107	32867	21.938	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.578	93	34569	21.010	ng/ul	99
29) 2,4-Dichlorophenol	10.848	162	27309	22.871	ng/ul	96
30) Naphthalene	11.253	128	82216	21.344	ng/ul	97
32) 4-Chloroaniline	11.359	127	36970	21.281	ng/ul	98
33) Hexachlorobutadiene	11.523	225	23025	22.736	ng/ul	97
34) Caprolactam	12.105	113	8529	21.218	ng/ul	93
35) 4-Chloro-3-methylphenol	12.452	107	29805	21.695	ng/ul	98
36) 2-Methylnaphthalene	12.833	142	60817	21.530	ng/ul	95

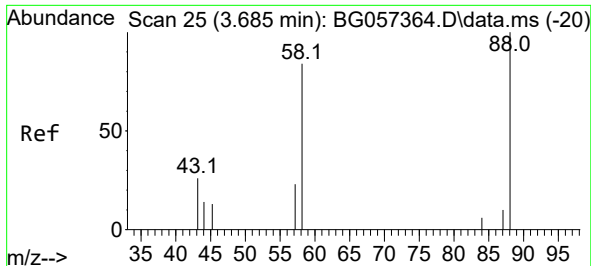
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.051	142	61868	21.781	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.192	216	44759	22.460	ng/ul	99
40) Hexachlorocyclopentadiene	13.168	237	16927	17.021	ng/ul	99
41) 2,4,6-Trichlorophenol	13.427	196	26219	22.590	ng/ul	99
42) 2,4,5-Trichlorophenol	13.509	196	26875	21.567	ng/ul#	88
43) 1,1'-Biphenyl	13.815	154	91083	21.767	ng/ul	99
44) 2-Chloronaphthalene	13.867	162	71285	21.971	ng/ul	98
45) 2-Nitroaniline	14.061	65	20394	20.822	ng/ul	91
47) Dimethylphthalate	14.414	163	90942	20.841	ng/ul	99
48) 2,6-Dinitrotoluene	14.543	165	20351	22.662	ng/ul	99
50) Acenaphthylene	14.707	152	106959	21.552	ng/ul	98
51) 3-Nitroaniline	14.878	138	13933	21.897	ng/ul	98
52) Acenaphthene	15.042	153	74746	21.138	ng/ul	97
53) 2,4-Dinitrophenol	15.101	184	5968	12.479	ng/ul	91
55) 4-Nitrophenol	15.183	109	12713	17.731	ng/ul	95
56) Dibenzofuran	15.371	168	110314	21.604	ng/ul	99
57) 2,4-Dinitrotoluene	15.330	165	27997	21.778	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.600	232	25230	22.282	ng/ul	96
59) Diethylphthalate	15.759	149	93012	20.980	ng/ul	97
61) Fluorene	16.017	166	93209	21.587	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.000	204	54044	21.445	ng/ul	96
63) 4-Nitroaniline	16.035	138	10108	16.775	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.100	198	16082	19.533	ng/ul	93
67) N-Nitrosodiphenylamine	16.211	169	76698	21.531	ng/ul	99
68) 4-Bromophenyl-phenylether	16.893	248	35010	21.480	ng/ul	88
69) Hexachlorobenzene	17.022	284	38825	22.620	ng/ul	98
70) Atrazine	17.145	200	34403	21.730	ng/ul	98
71) Pentachlorophenol	17.374	266	15680	19.764	ng/ul	94
72) Phenanthrene	17.762	178	153740	21.649	ng/ul	99
74) Anthracene	17.850	178	154832	21.705	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.791	216	46392	22.618	ng/ul	97
76) Pentachlorobenzene	15.295	250	47418	22.712	ng/ul	95
77) Carbazole	18.115	167	131700	22.092	ng/ul	99
78) Di-n-butylphthalate	18.632	149	150958	22.145	ng/ul	99
80) Fluoranthene	19.748	202	192714	21.121	ng/ul	98
82) Pyrene	20.112	202	194366	21.043	ng/ul	98
83) Butylbenzylphthalate	20.964	149	67328	22.761	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.904	252	69052	24.027	ng/ul	93
85) Benzo(a)anthracene	22.009	228	194879	21.293	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.851	149	95682	22.240	ng/ul	98
87) Chrysene	22.080	228	183009	21.194	ng/ul	98
89) Di-n-octyl phthalate	23.149	149	163039	21.797	ng/ul	100
90) Benzo(b)fluoranthene	24.406	252	200219	21.346	ng/ul	98
91) Benzo(k)fluoranthene	24.482	252	190090	20.831	ng/ul	99
93) Benzo(a)pyrene	25.369	252	170575	21.064	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.581	276	214745	21.215	ng/ul	99
95) Dibenzo(a,h)anthracene	29.634	278	178737	21.294	ng/ul#	95
96) Benzo(g,h,i)perylene	30.850	276	174672	21.321	ng/ul	98

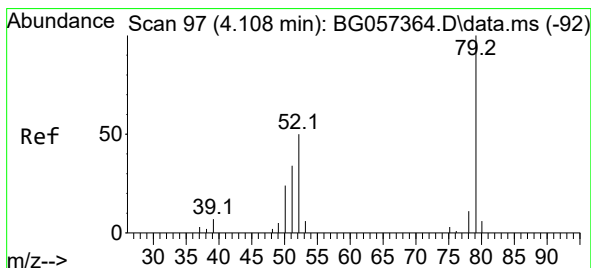
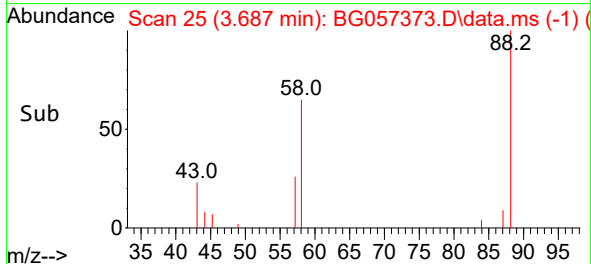
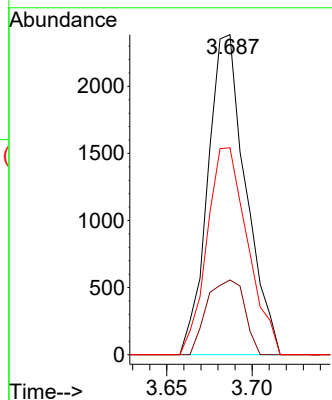
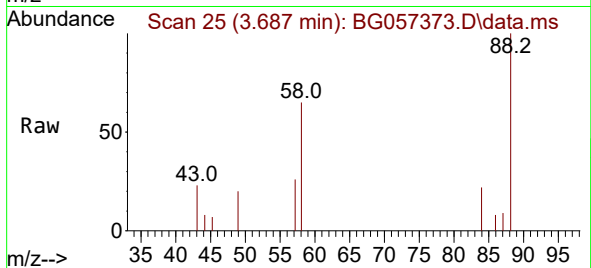
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 9.207 ng/uL
RT: 3.687 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057373.D
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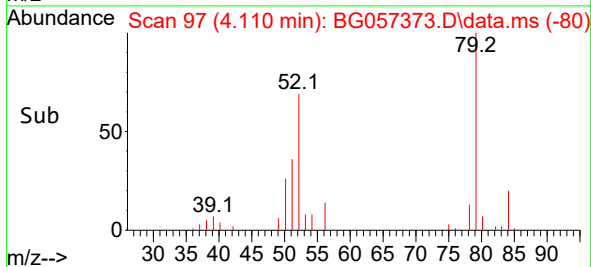
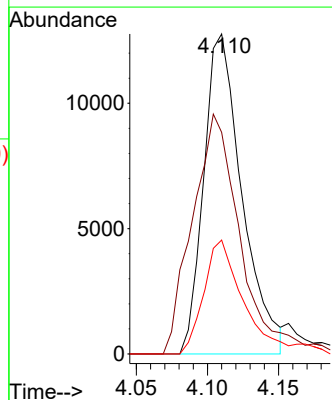
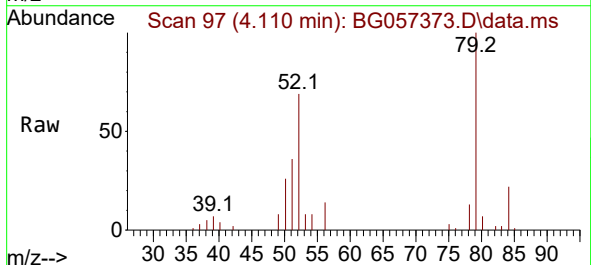
Instrument :
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SSTD020484

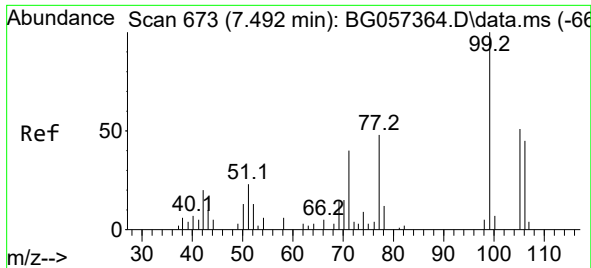
Tgt Ion: 88 Resp: 3699
Ion Ratio Lower Upper
88 100
43 23.4 28.2 42.4#
58 64.7 63.3 94.9



#5
Pyridine
Concen: 18.991 ng/uL
RT: 4.110 min Scan# 97
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion: 79 Resp: 23910
Ion Ratio Lower Upper
79 100
52 69.3 62.4 93.6
51 35.6 29.0 43.4

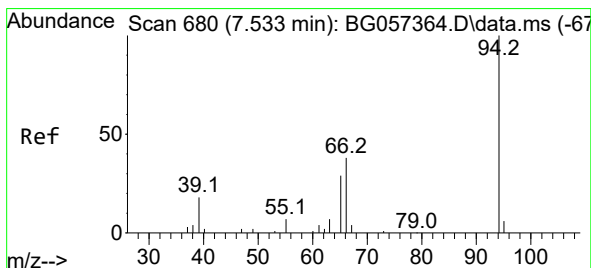
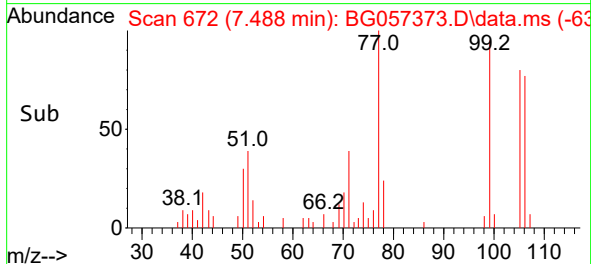
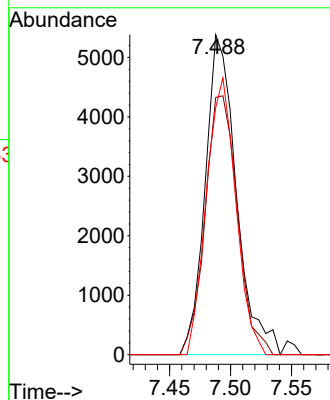
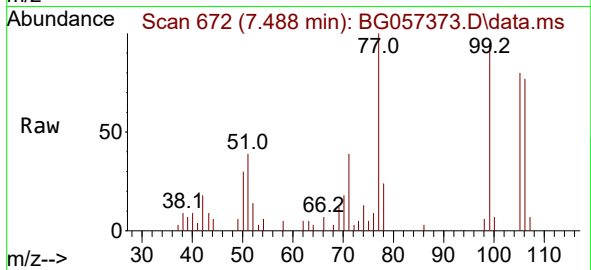




#6
Benzaldehyde
Concen: 19.837 ng/ul
RT: 7.488 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

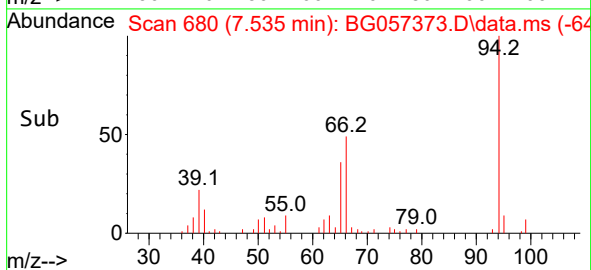
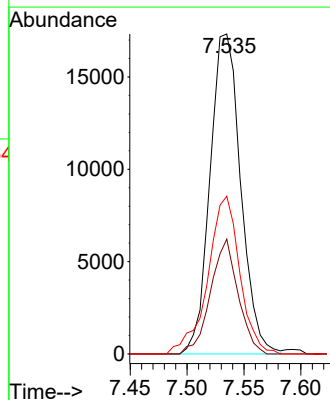
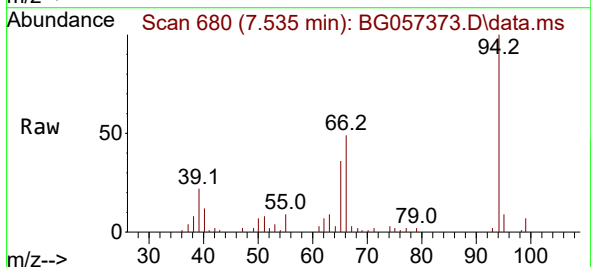
Instrument :
BNA_G
ClientSampleId :
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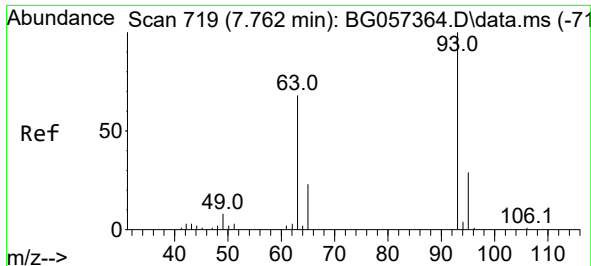
Tgt Ion: 77 Resp: 9552
Ion Ratio Lower Upper
77 100
105 80.4 79.8 119.6
106 77.2 78.7 118.1#



#8
Phenol
Concen: 20.500 ng/ul
RT: 7.535 min Scan# 680
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion: 94 Resp: 32576
Ion Ratio Lower Upper
94 100
65 35.9 25.5 38.3
66 49.3 36.9 55.3

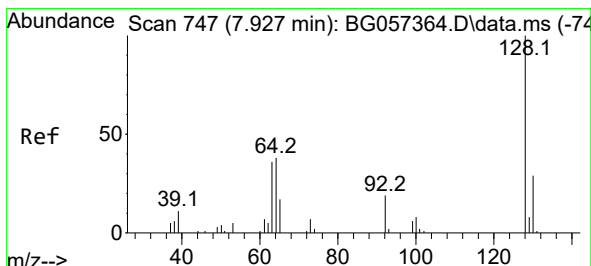
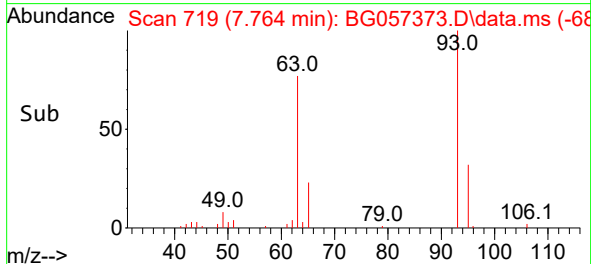
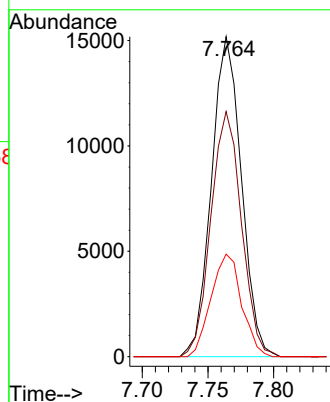
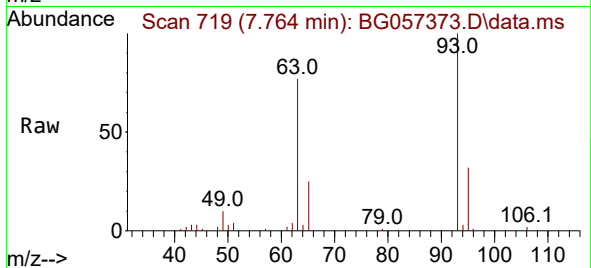




#10
Bis(2-Chloroethyl)ether
Concen: 20.248 ng/ul
RT: 7.764 min Scan# 719
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

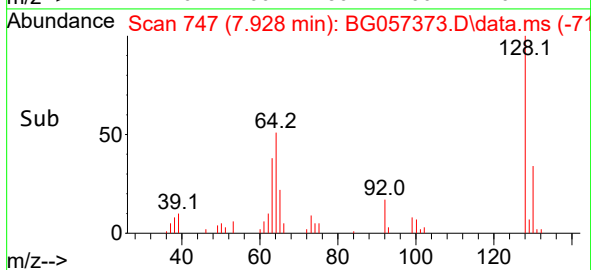
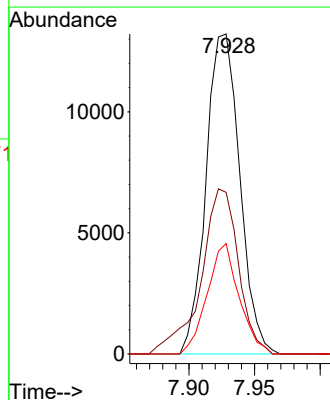
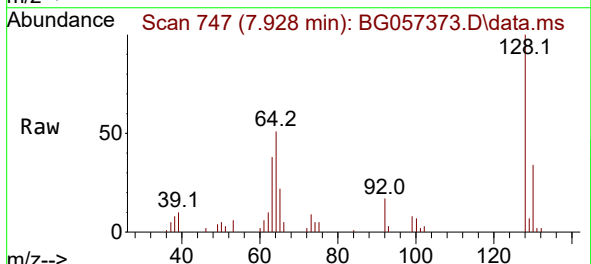
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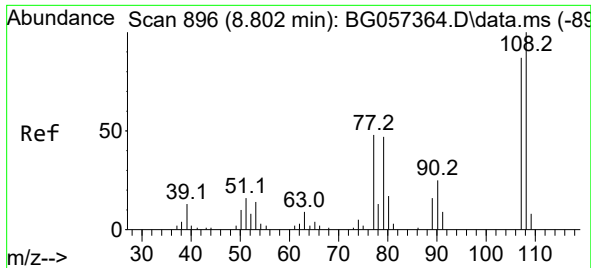
Tgt Ion: 93	Resp: 24081
Ion Ratio	Lower Upper
93 100	
63 76.6	67.2 100.8
95 32.0	26.3 39.5



#12
2-Chlorophenol
Concen: 21.671 ng/ul
RT: 7.928 min Scan# 747
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:128	Resp: 23649
Ion Ratio	Lower Upper
128 100	
64 50.5	41.3 61.9
130 34.5	24.6 37.0

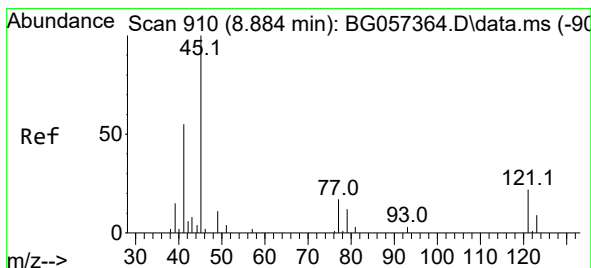
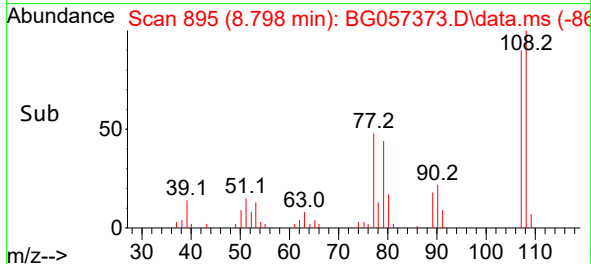
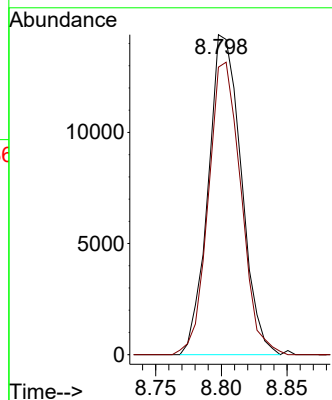
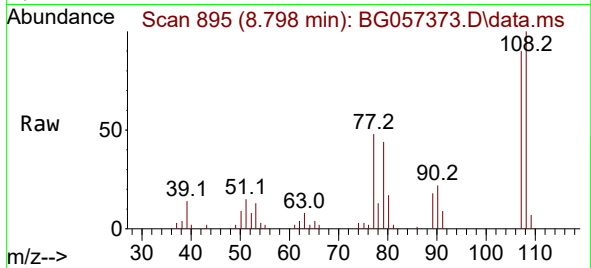




#13
2-Methylphenol
Concen: 20.498 ng/ul
RT: 8.798 min Scan# 896
Delta R.T. -0.004 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

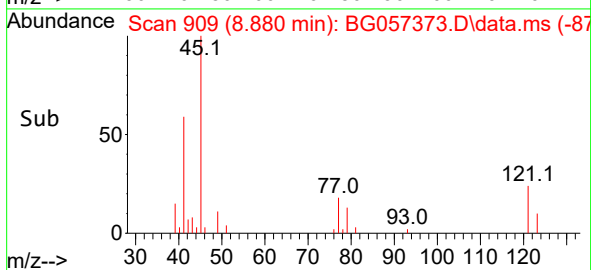
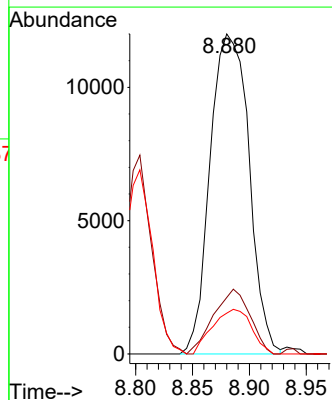
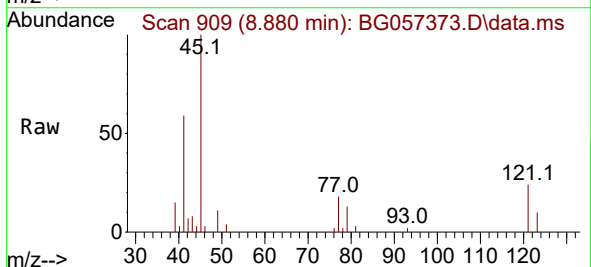
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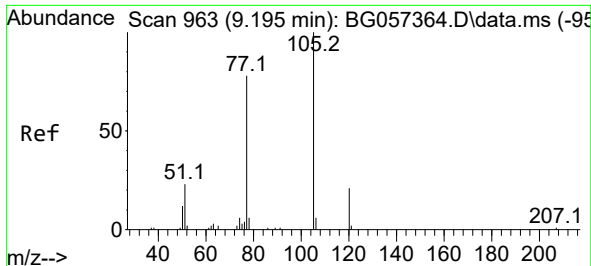
Tgt Ion:108 Resp: 25243
Ion Ratio Lower Upper
108 100
107 89.8 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.625 ng/ul
RT: 8.880 min Scan# 909
Delta R.T. -0.004 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion: 45 Resp: 28558
Ion Ratio Lower Upper
45 100
77 17.6 12.9 19.3
79 12.7 8.9 13.3

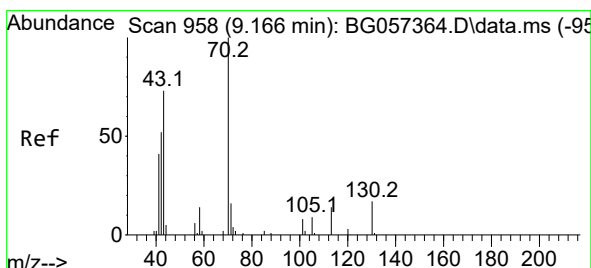
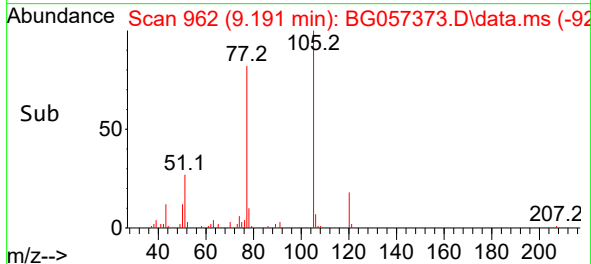
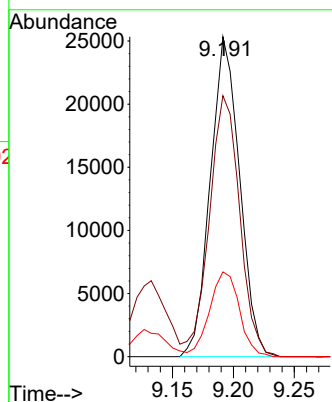
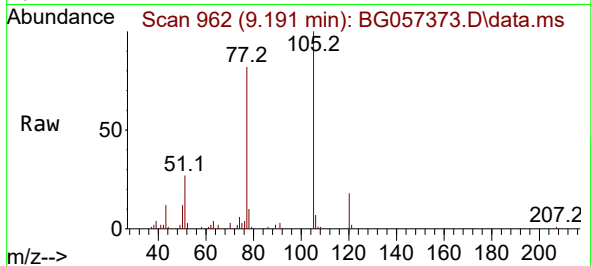




#16
Acetophenone
Concen: 20.538 ng/ul
RT: 9.191 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

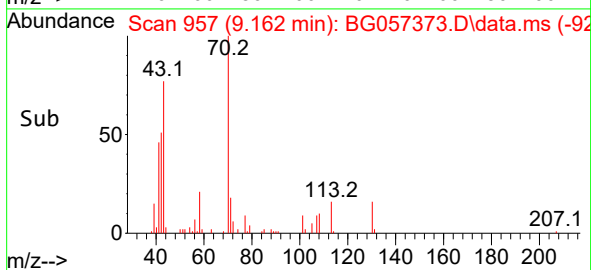
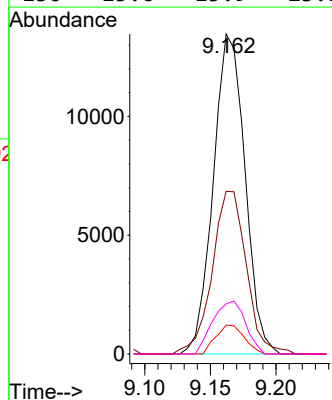
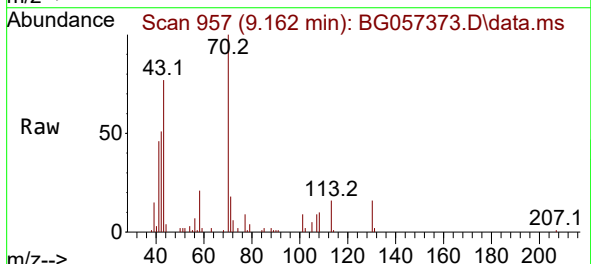
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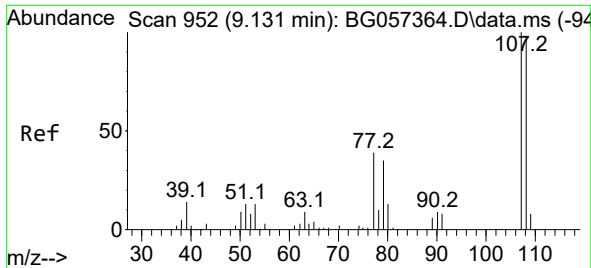
Tgt Ion:105 Resp: 42348
Ion Ratio Lower Upper
105 100
77 81.5 70.6 105.8
51 26.5 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 19.100 ng/ul
RT: 9.162 min Scan# 957
Delta R.T. -0.004 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion: 70 Resp: 22632
Ion Ratio Lower Upper
70 100
42 50.8 45.0 67.4
101 9.0 6.5 9.7
130 15.6 15.9 23.9#

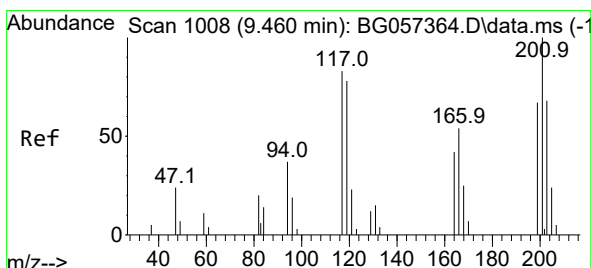
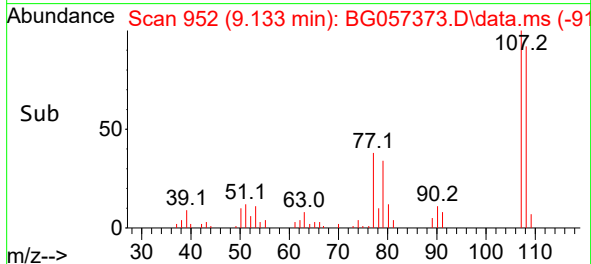
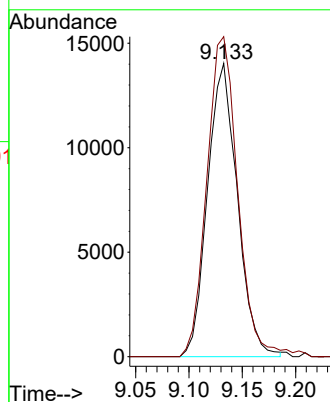
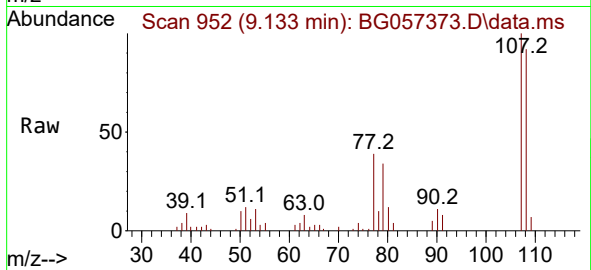




#18
4-Methylphenol
Concen: 20.500 ng/ul
RT: 9.133 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

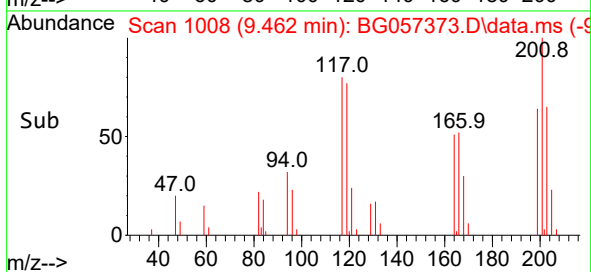
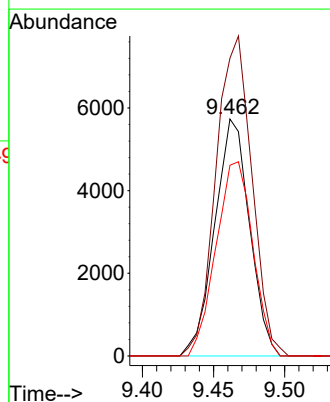
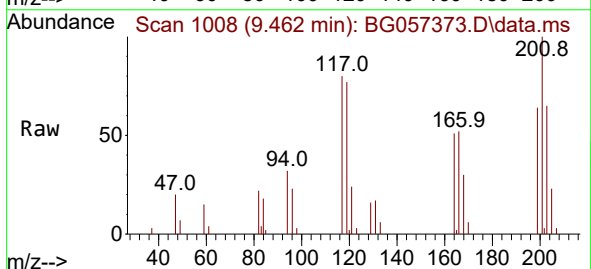
Instrument :
BNA_G
ClientSampleId :
SSTD020484

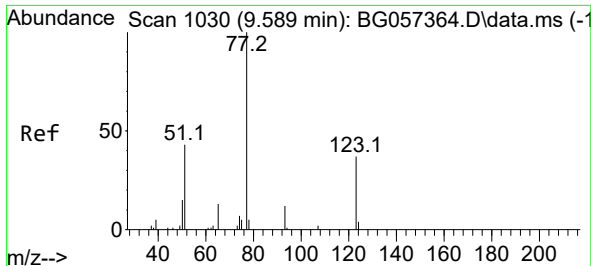
Tgt Ion:108 Resp: 27327
Ion Ratio Lower Upper
108 100
107 109.1 85.1 127.7



#19
Hexachloroethane
Concen: 21.382 ng/ul
RT: 9.462 min Scan# 1008
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:117 Resp: 9763
Ion Ratio Lower Upper
117 100
201 125.7 109.4 164.2
199 80.5 65.4 98.2

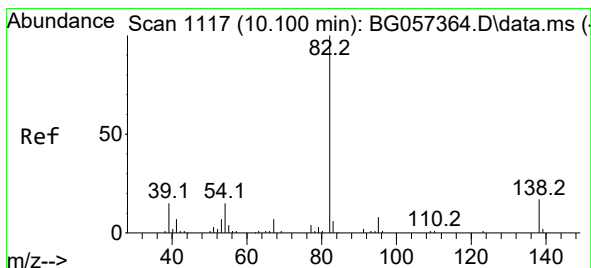
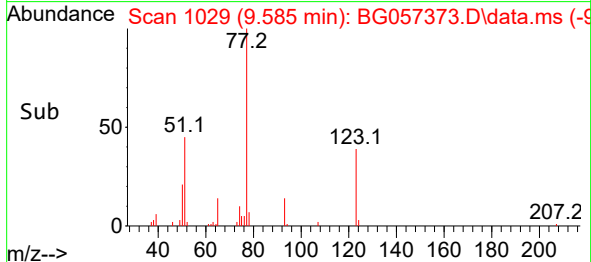
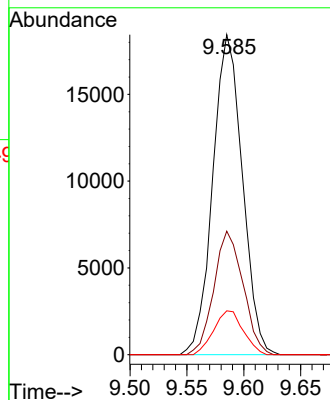
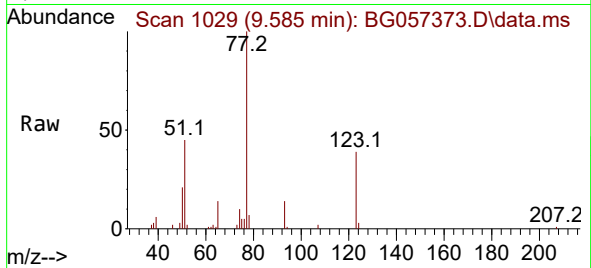




#22
Nitrobenzene
Concen: 20.071 ng/ul
RT: 9.585 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

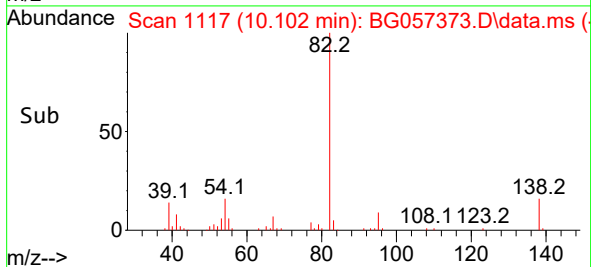
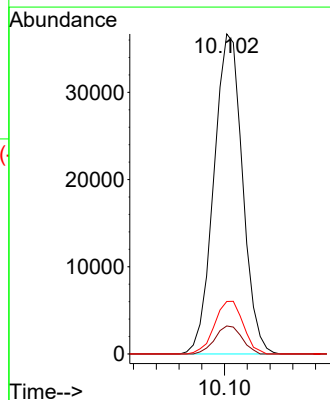
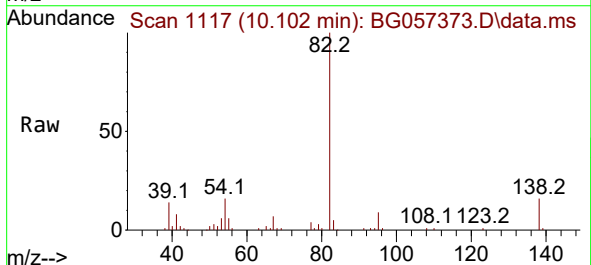
Instrument :
BNA_G
ClientSampleId :
SSTD020484

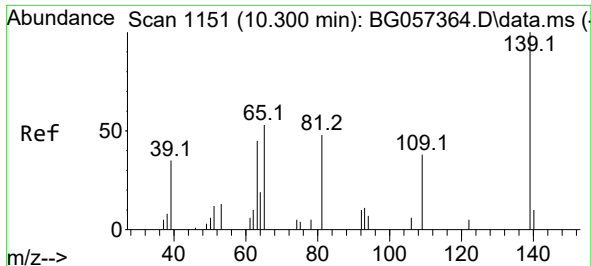
Tgt Ion: 77 Resp: 33391
Ion Ratio Lower Upper
77 100
123 38.6 29.6 44.4
65 13.7 11.4 17.0



#23
Isophorone
Concen: 20.281 ng/ul
RT: 10.102 min Scan# 1117
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion: 82 Resp: 64195
Ion Ratio Lower Upper
82 100
95 8.8 6.8 10.2
138 16.4 12.2 18.2

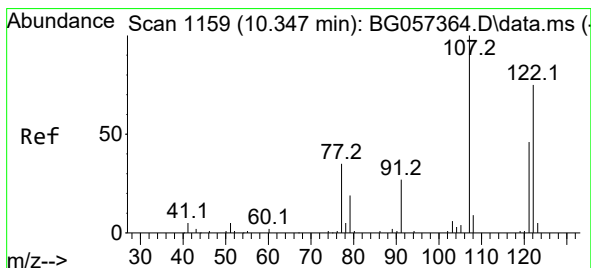
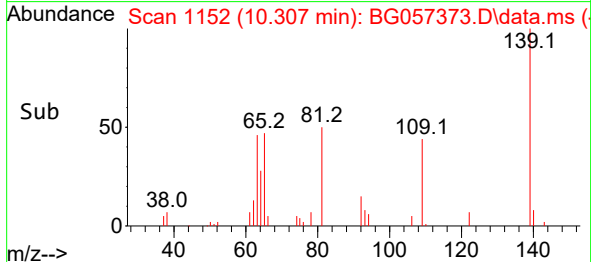
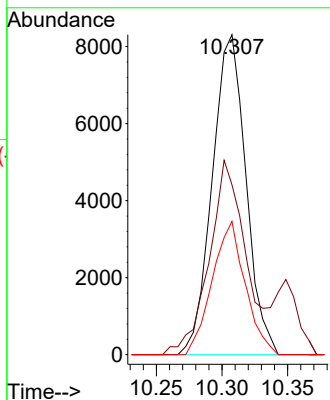
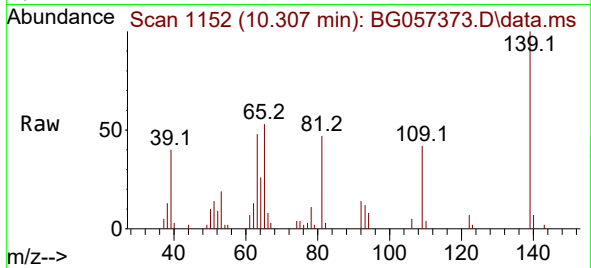




#25
2-Nitrophenol
Concen: 22.466 ng/ul
RT: 10.307 min Scan# 1151
Delta R.T. 0.008 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

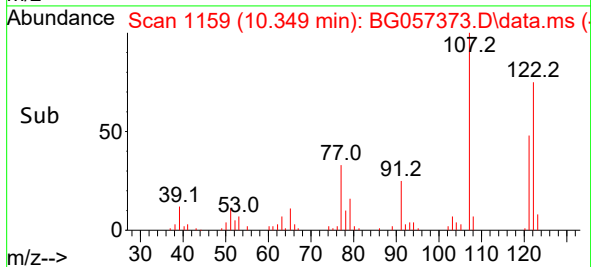
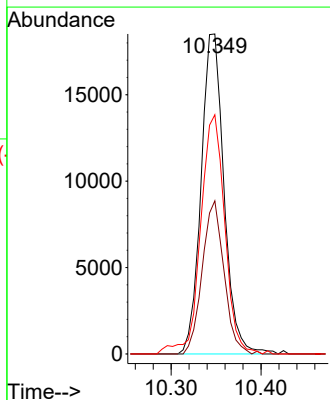
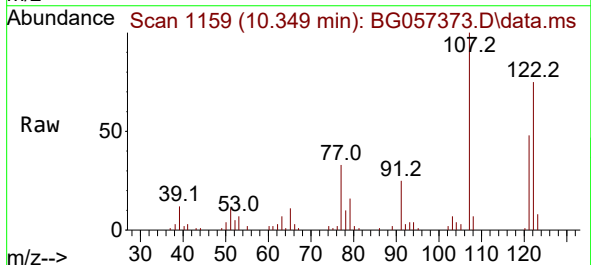
Instrument :
BNA_G
ClientSampleId :
SSTD020484

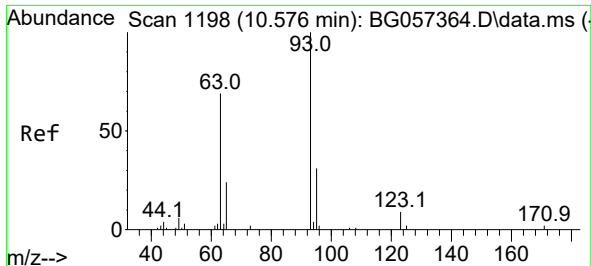
Tgt Ion:139 Resp: 14837
Ion Ratio Lower Upper
139 100
65 53.1 48.7 73.1
109 41.7 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 21.938 ng/ul
RT: 10.349 min Scan# 1159
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:107 Resp: 32867
Ion Ratio Lower Upper
107 100
121 47.8 35.4 53.0
122 74.7 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 21.010 ng/ul

RT: 10.578 min Scan# 1198

Delta R.T. 0.002 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

Instrument :

BNA_G

ClientSampleId :

SSTD020484

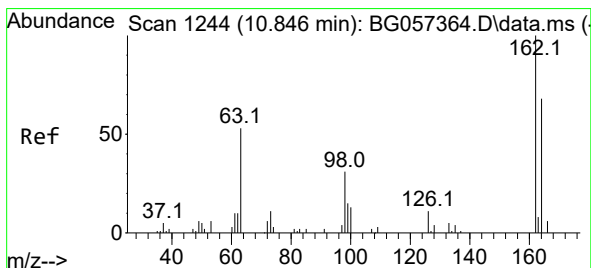
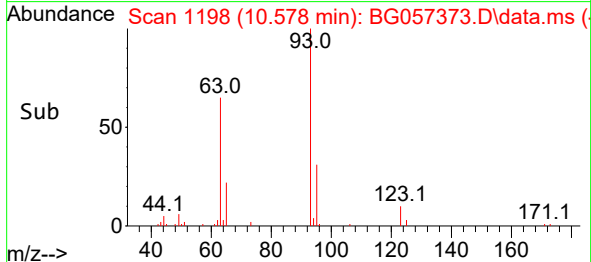
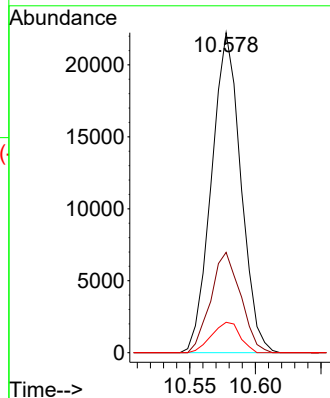
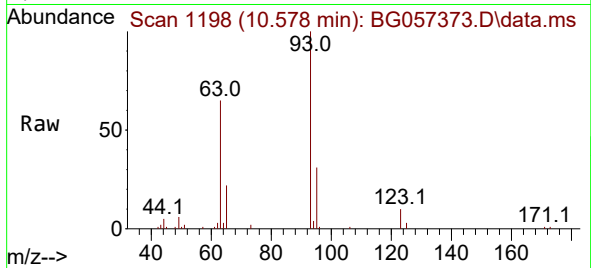
Tgt Ion: 93 Resp: 34569

Ion Ratio Lower Upper

93 100

95 31.3 24.8 37.2

123 9.5 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 22.871 ng/ul

RT: 10.848 min Scan# 1244

Delta R.T. 0.002 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

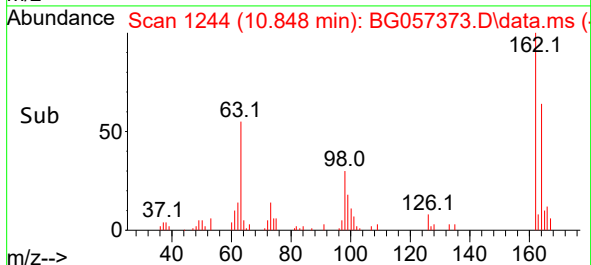
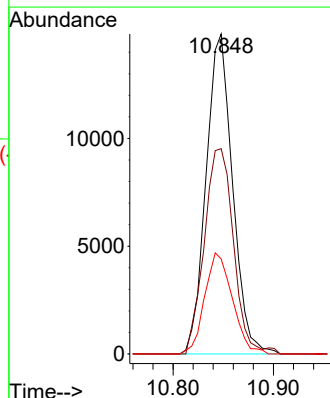
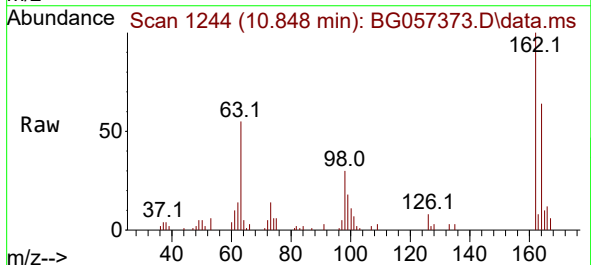
Tgt Ion:162 Resp: 27309

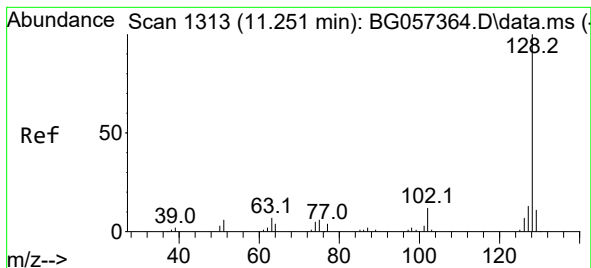
Ion Ratio Lower Upper

162 100

164 64.2 50.5 75.7

98 29.7 27.5 41.3

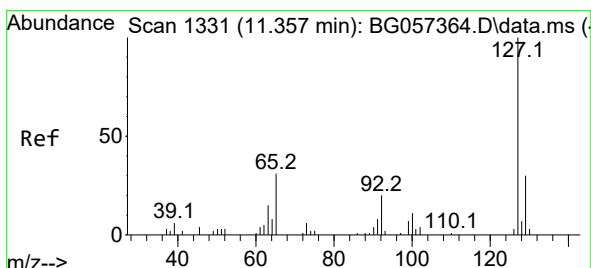
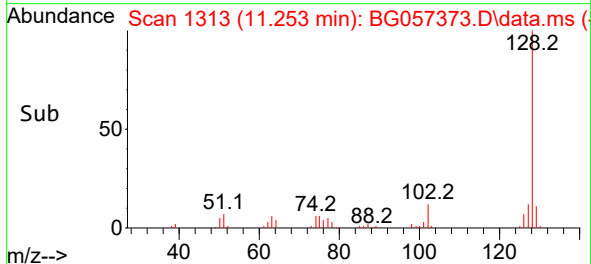
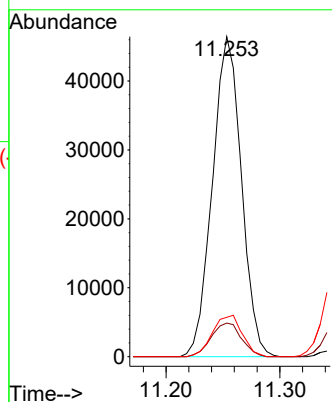
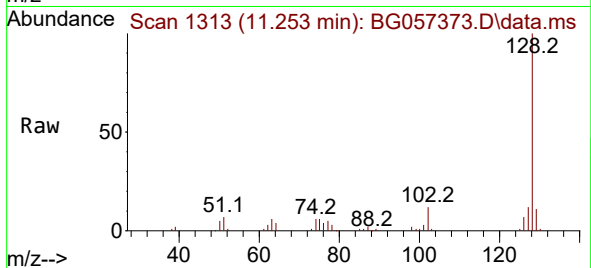




#30
Naphthalene
Concen: 21.344 ng/ul
RT: 11.253 min Scan# 11253
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

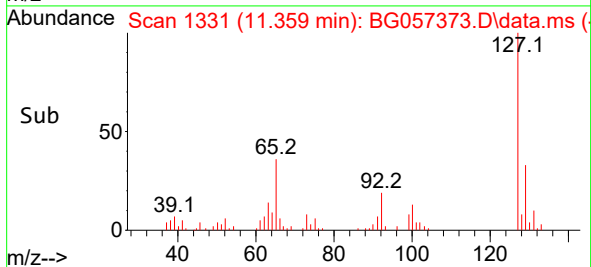
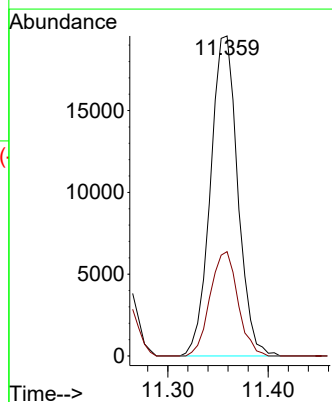
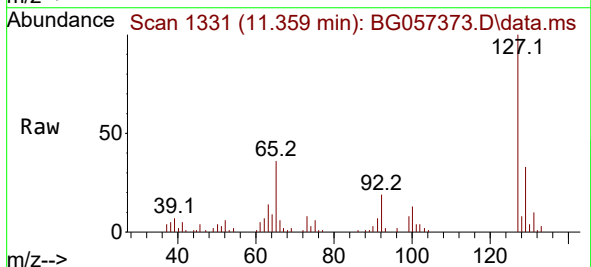
Instrument :
BNA_G
ClientSampleId :
SSTD020484

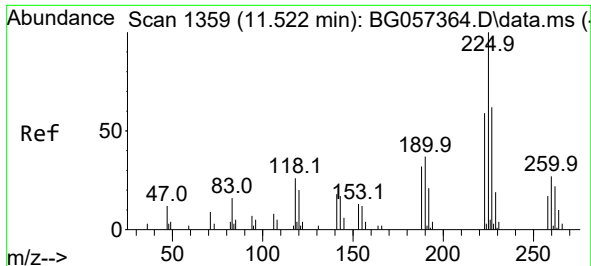
Tgt Ion:128 Resp: 82216
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.3 11.4 17.0



#32
4-Chloroaniline
Concen: 21.281 ng/ul
RT: 11.359 min Scan# 1331
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:127 Resp: 36970
Ion Ratio Lower Upper
127 100
129 32.6 25.4 38.0

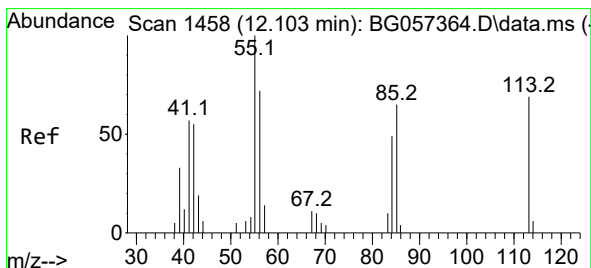
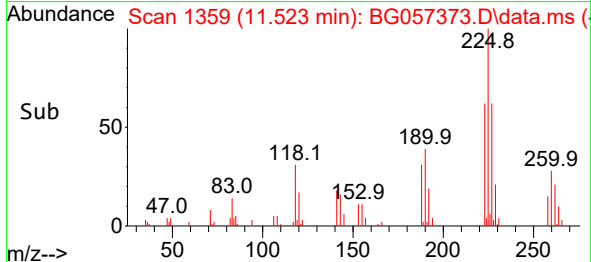
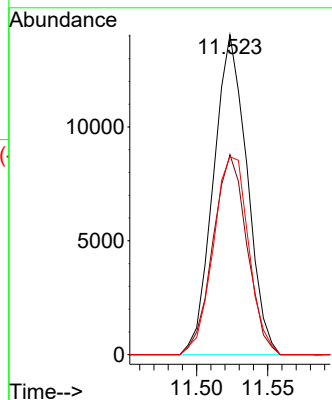
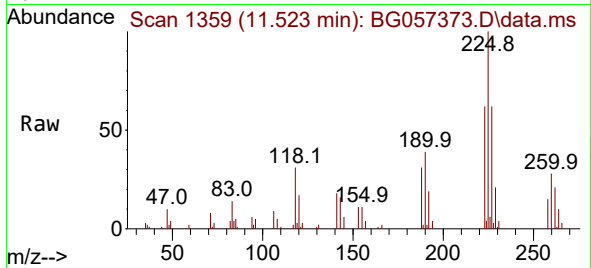




#33
Hexachlorobutadiene
Concen: 22.736 ng/ul
RT: 11.523 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

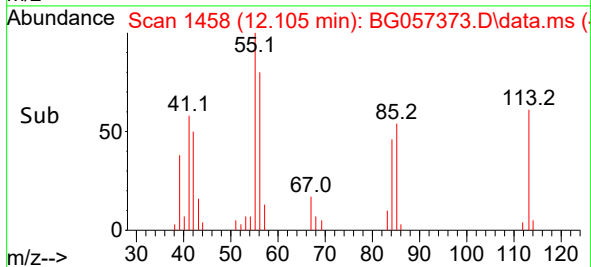
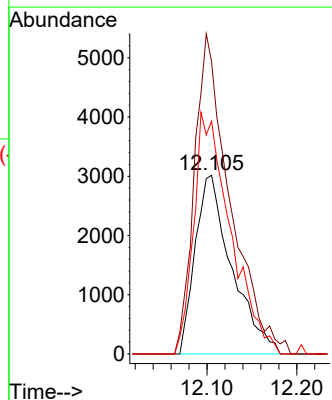
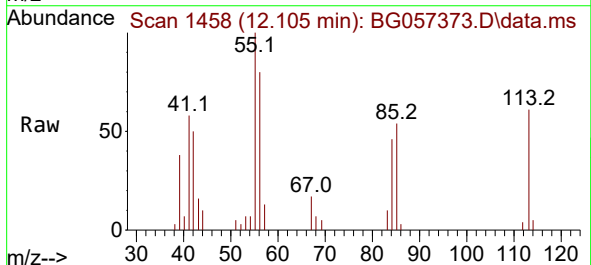
Instrument :
BNA_G
ClientSampleId :
SSTD020484

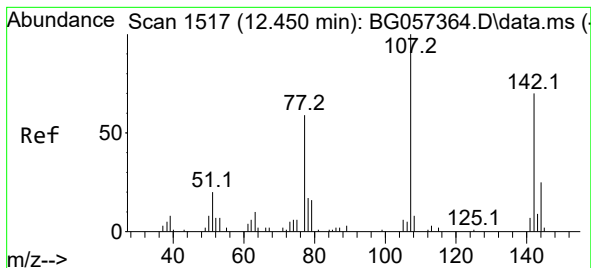
Tgt Ion:225 Resp: 23025
Ion Ratio Lower Upper
225 100
223 62.5 47.5 71.3
227 61.8 48.4 72.6



#34
Caprolactam
Concen: 21.218 ng/ul
RT: 12.105 min Scan# 1458
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:113 Resp: 8529
Ion Ratio Lower Upper
113 100
55 163.4 123.1 184.7
56 130.2 98.7 148.1

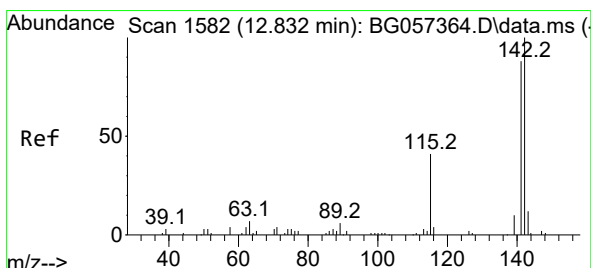
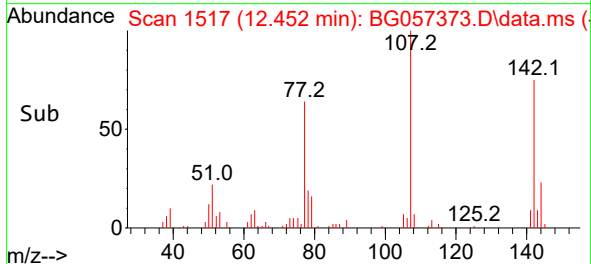
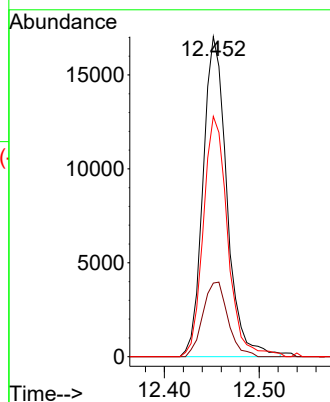
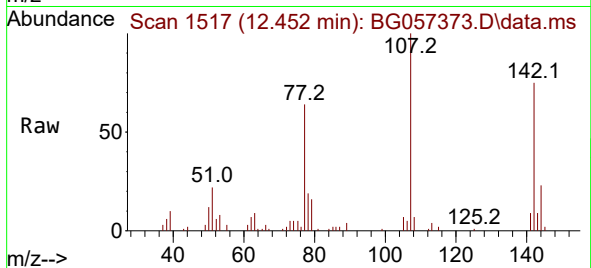




#35
4-Chloro-3-methylphenol
Concen: 21.695 ng/ul
RT: 12.452 min Scan# 1517
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

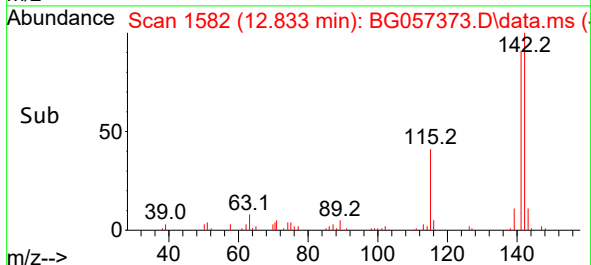
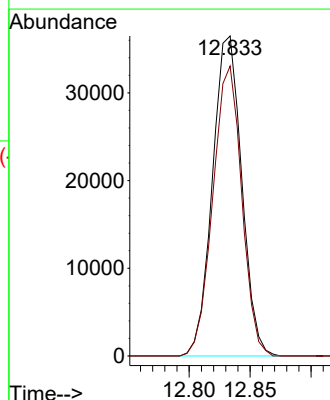
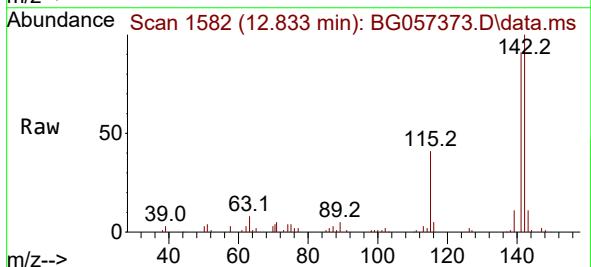
Instrument :
BNA_G
ClientSampleId :
SSTD020484

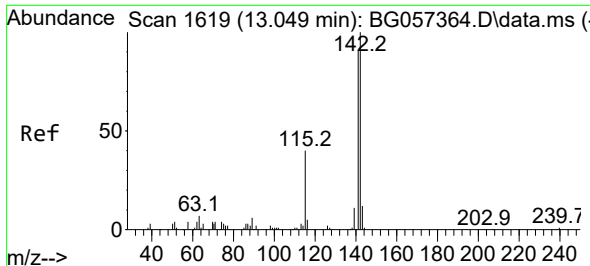
Tgt Ion:107 Resp: 29805
Ion Ratio Lower Upper
107 100
144 23.0 18.3 27.5
142 75.1 58.6 88.0



#36
2-Methylnaphthalene
Concen: 21.530 ng/ul
RT: 12.833 min Scan# 1582
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:142 Resp: 60817
Ion Ratio Lower Upper
142 100
141 90.6 68.7 103.1

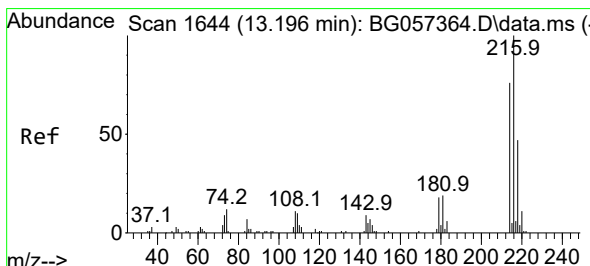
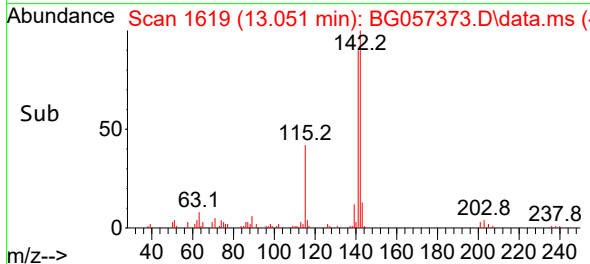
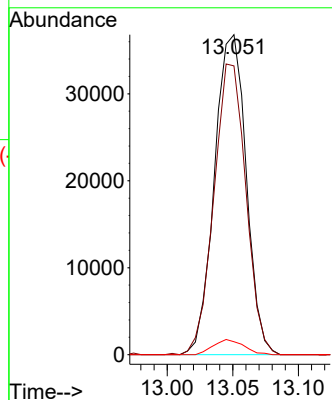
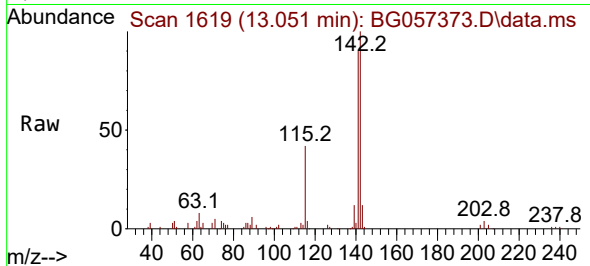




#37
1-Methylnaphthalene
Concen: 21.781 ng/ul
RT: 13.051 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

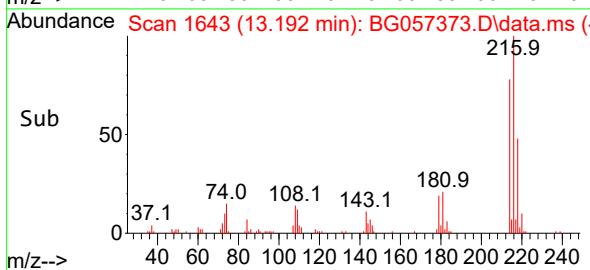
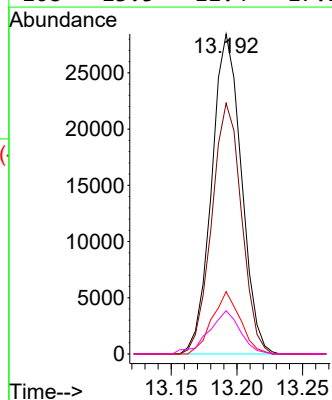
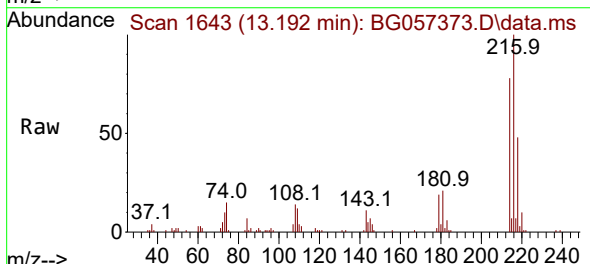
Instrument :
BNA_G
ClientSampleId :
SSTD020484

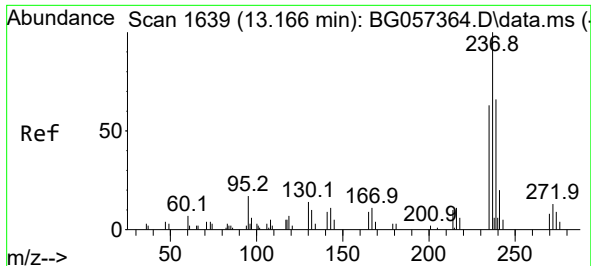
Tgt Ion:142 Resp: 61868
Ion Ratio Lower Upper
142 100
141 90.3 72.9 109.3
116 4.1 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.460 ng/ul
RT: 13.192 min Scan# 1643
Delta R.T. -0.004 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:216 Resp: 44759
Ion Ratio Lower Upper
216 100
214 78.4 62.9 94.3
179 19.5 15.3 22.9
108 13.5 11.4 17.2

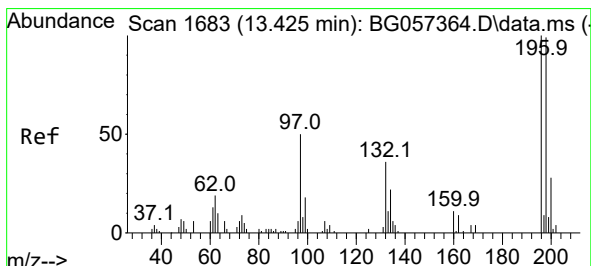
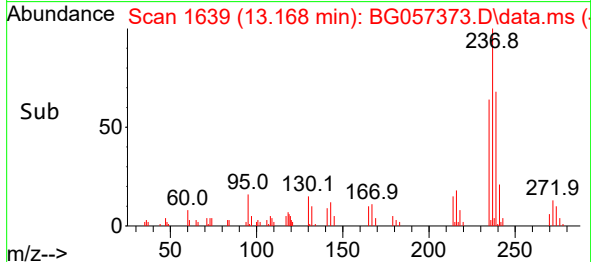
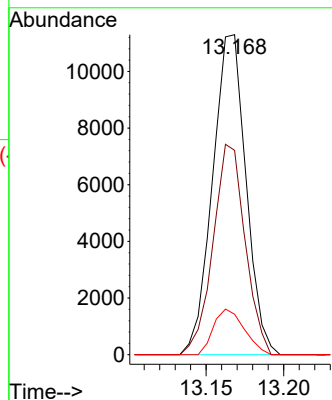
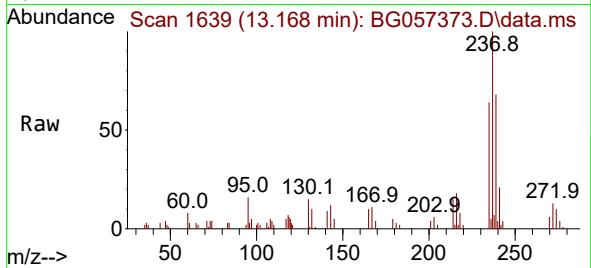




#40
Hexachlorocyclopentadiene
Concen: 17.021 ng/ul
RT: 13.168 min Scan# 1639
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

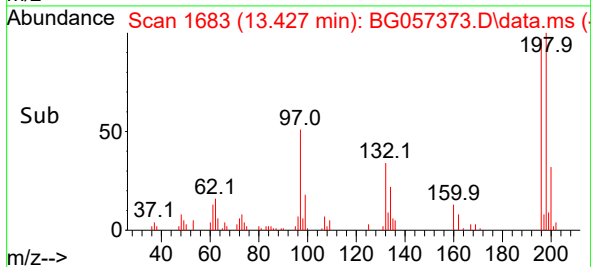
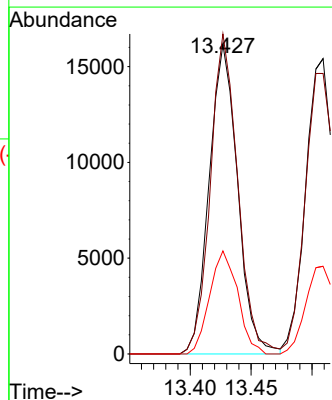
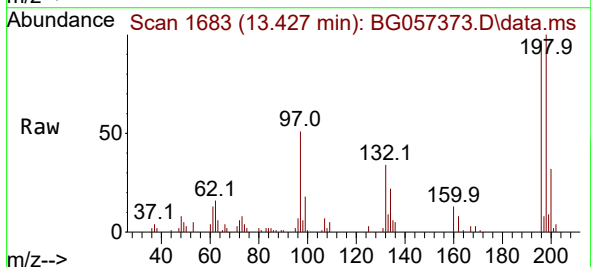
Instrument :
BNA_G
ClientSampleId :
SSTD020484

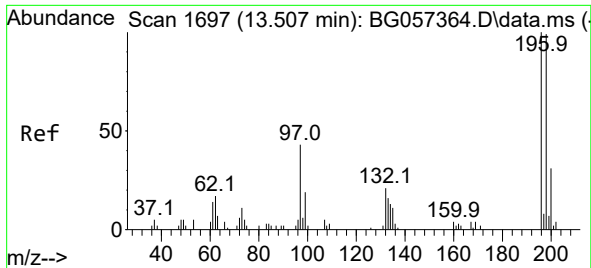
Tgt Ion:237	Resp:	16927
Ion Ratio	Lower	Upper
237	100	
235	63.8	51.4 77.0
272	12.6	9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 22.590 ng/ul
RT: 13.427 min Scan# 1683
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:196	Resp:	26219
Ion Ratio	Lower	Upper
196	100	
198	103.3	83.8 125.8
200	33.3	26.6 40.0

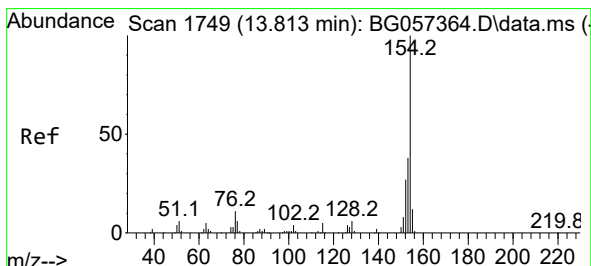
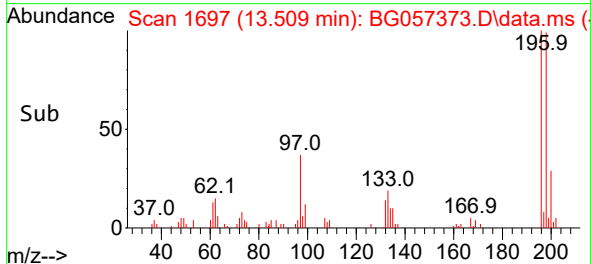
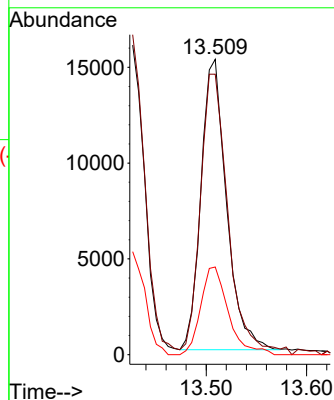
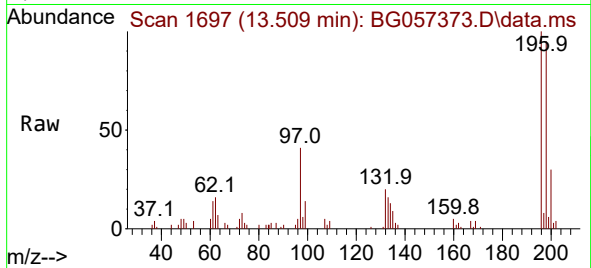




#42
2,4,5-Trichlorophenol
Concen: 21.567 ng/ul
RT: 13.509 min Scan# 1697
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

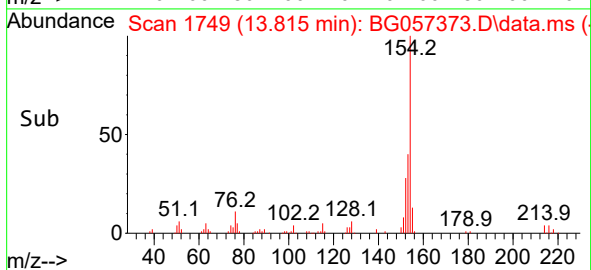
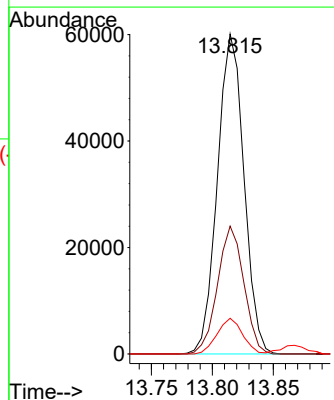
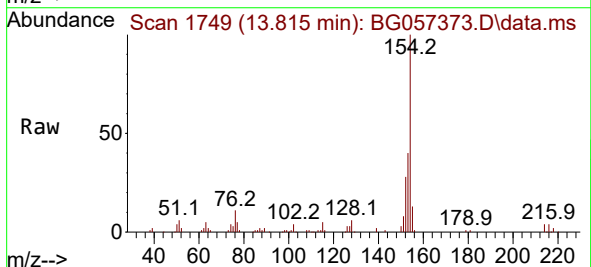
Instrument :
BNA_G
ClientSampleId :
SSTD020484

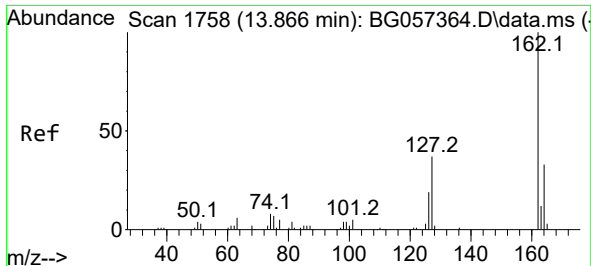
Tgt Ion:196 Resp: 26875
Ion Ratio Lower Upper
196 100
198 95.0 85.7 128.5
200 29.7 29.9 44.9#



#43
1,1'-Biphenyl
Concen: 21.767 ng/ul
RT: 13.815 min Scan# 1749
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:154 Resp: 91083
Ion Ratio Lower Upper
154 100
153 40.0 31.6 47.4
76 11.1 8.0 12.0

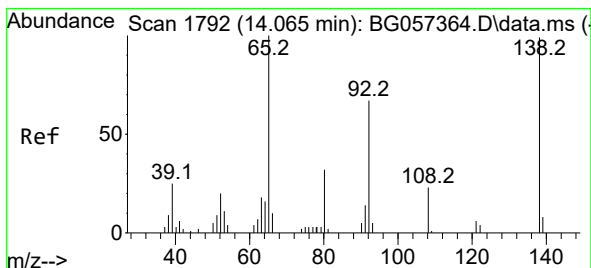
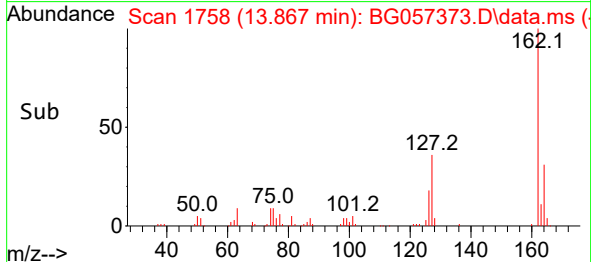
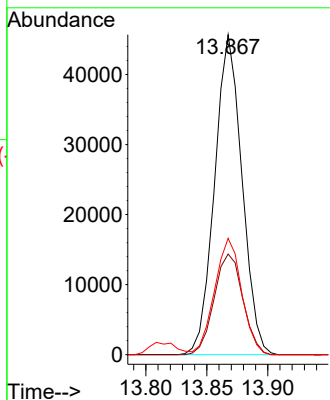
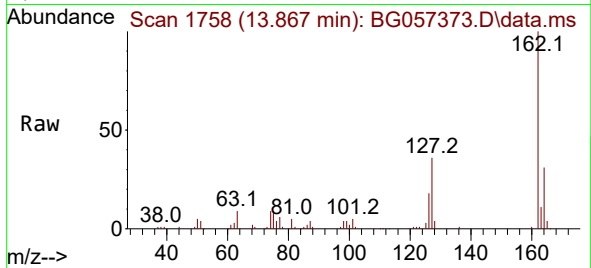




#44
2-Chloronaphthalene
Concen: 21.971 ng/ul
RT: 13.867 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

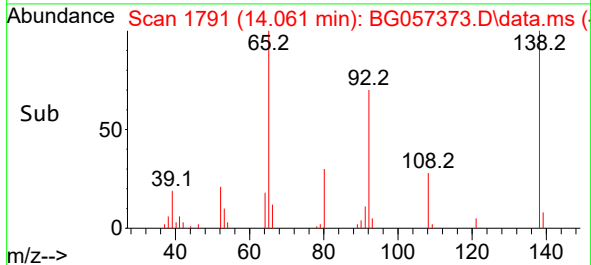
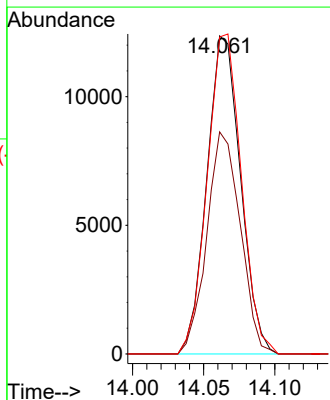
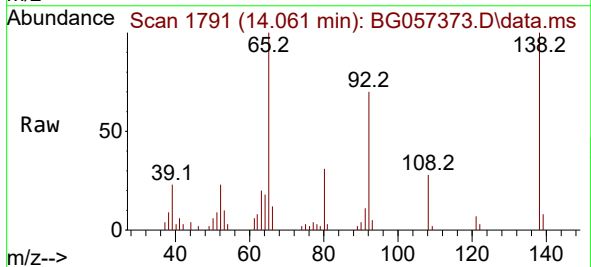
Instrument :
BNA_G
ClientSampleId :
SSTD020484

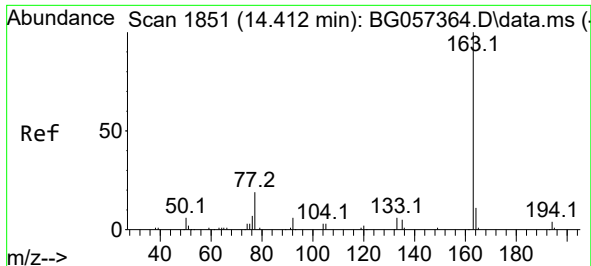
Tgt Ion:162 Resp: 71285
Ion Ratio Lower Upper
162 100
164 31.5 26.2 39.4
127 36.4 29.4 44.2



#45
2-Nitroaniline
Concen: 20.822 ng/ul
RT: 14.061 min Scan# 1791
Delta R.T. -0.004 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion: 65 Resp: 20394
Ion Ratio Lower Upper
65 100
92 69.8 51.8 77.6
138 99.7 71.9 107.9

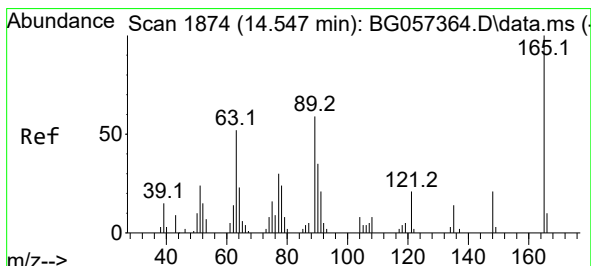
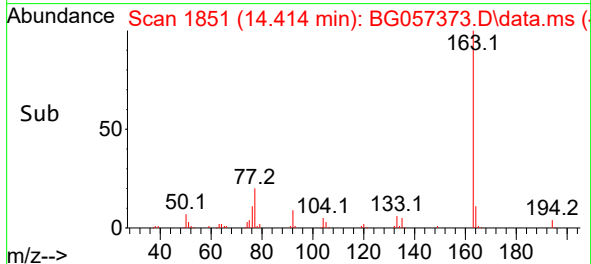
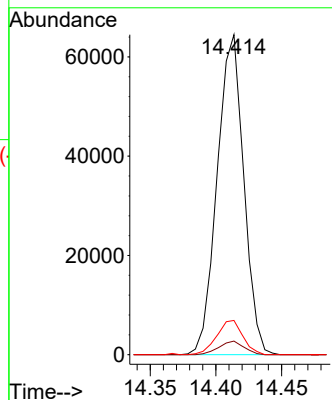
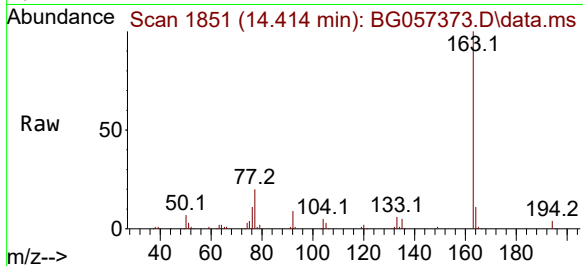




#47
Dimethylphthalate
Concen: 20.841 ng/ul
RT: 14.414 min Scan# 1851
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

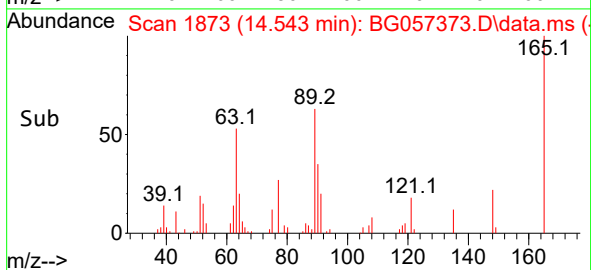
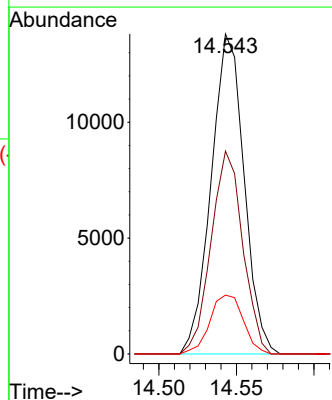
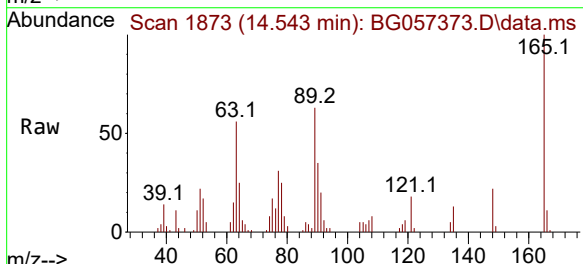
Instrument :
BNA_G
ClientSampleId :
SSTD020484

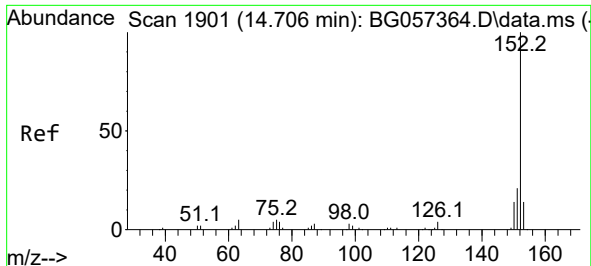
Tgt Ion:163 Resp: 90942
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.7 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 22.662 ng/ul
RT: 14.543 min Scan# 1873
Delta R.T. -0.004 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:165 Resp: 20351
Ion Ratio Lower Upper
165 100
89 63.4 50.6 76.0
121 18.4 16.8 25.2

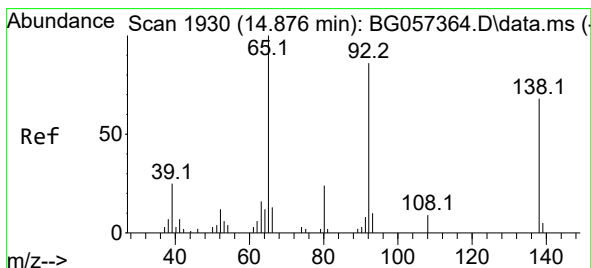
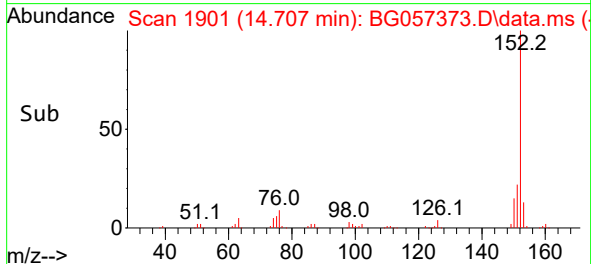
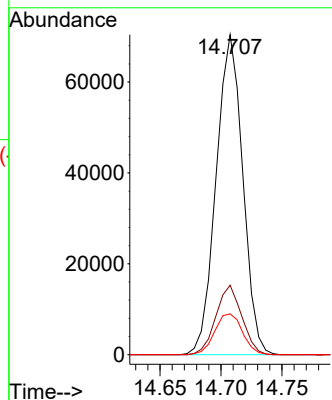
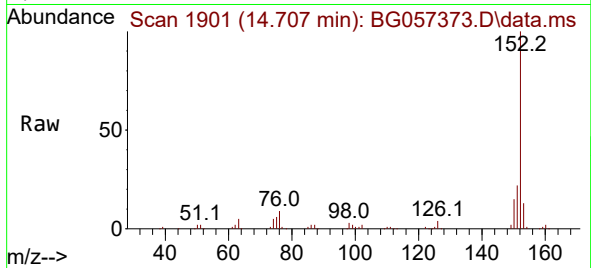




#50
Acenaphthylene
Concen: 21.552 ng/ul
RT: 14.707 min Scan# 1901
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

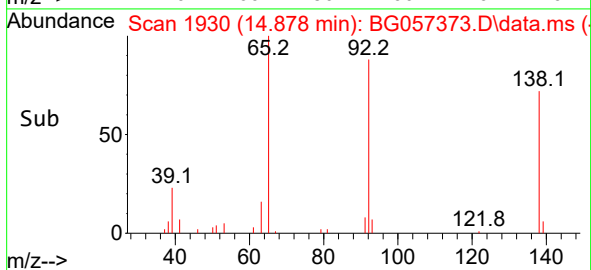
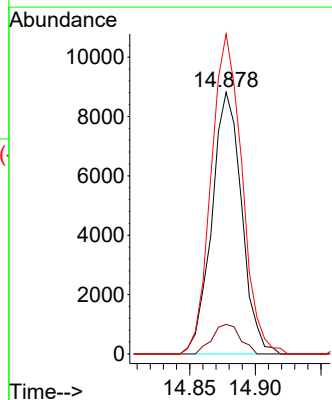
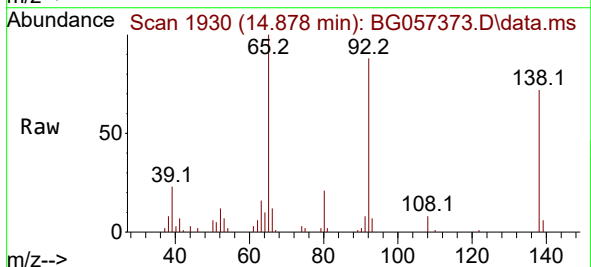
Instrument :
BNA_G
ClientSampleId :
SSTD020484

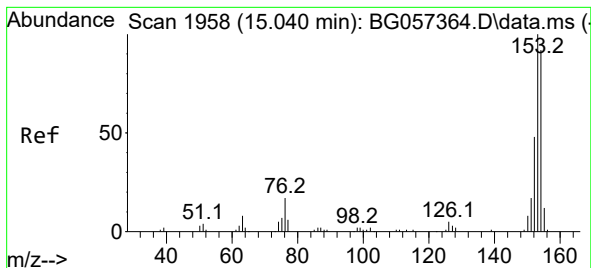
Tgt Ion:152 Resp: 106959
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 12.8 10.1 15.1



#51
3-Nitroaniline
Concen: 21.897 ng/ul
RT: 14.878 min Scan# 1930
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:138 Resp: 13933
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 122.2 99.5 149.3





#52

Acenaphthene

Concen: 21.138 ng/ul

RT: 15.042 min Scan# 1958

Delta R.T. 0.002 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

Instrument :

BNA_G

ClientSampleId :

SSTD020484

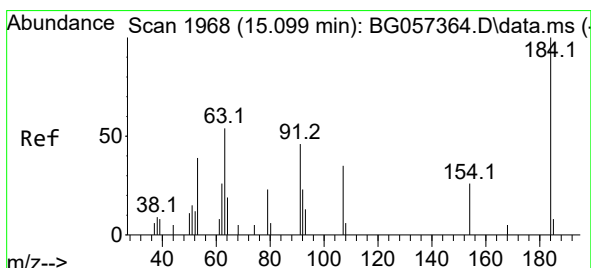
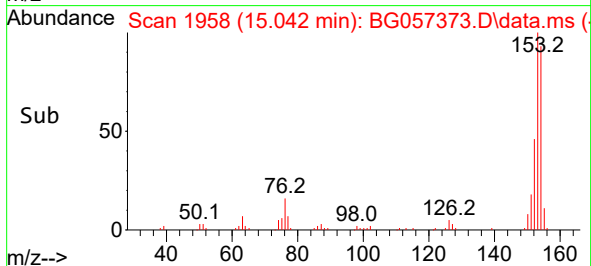
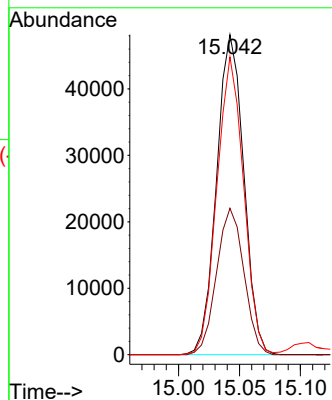
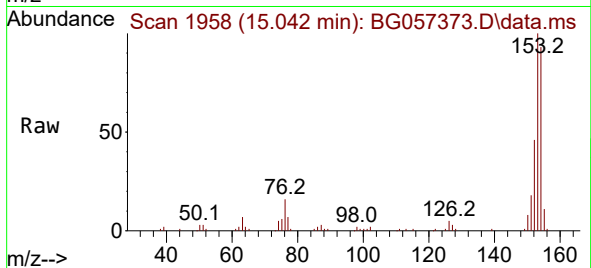
Tgt Ion:153 Resp: 74746

Ion Ratio Lower Upper

153 100

152 45.8 36.5 54.7

154 93.0 70.6 106.0



#53

2,4-Dinitrophenol

Concen: 12.479 ng/ul

RT: 15.101 min Scan# 1968

Delta R.T. 0.002 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

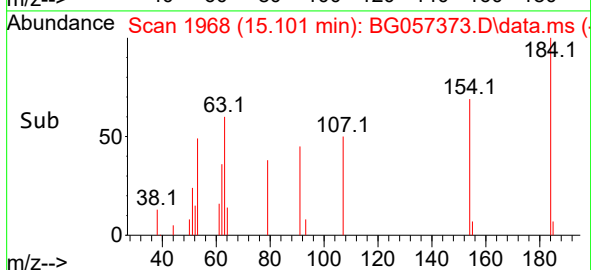
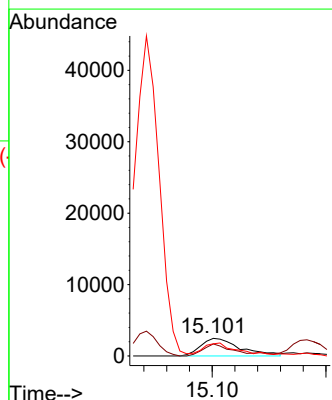
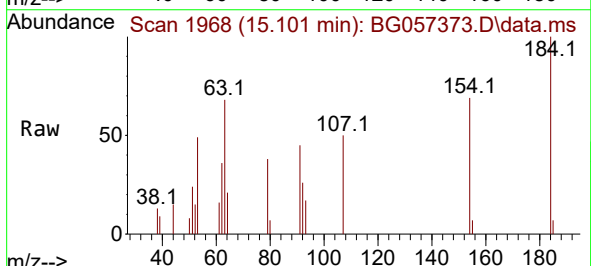
Tgt Ion:184 Resp: 5968

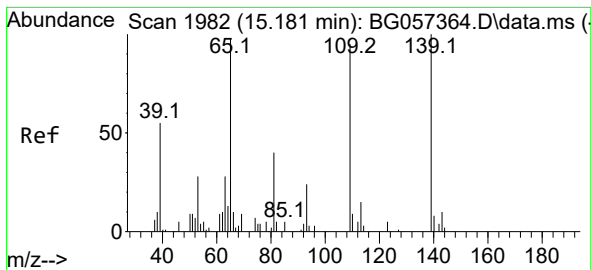
Ion Ratio Lower Upper

184 100

63 68.0 48.3 72.5

154 68.8 50.0 75.0

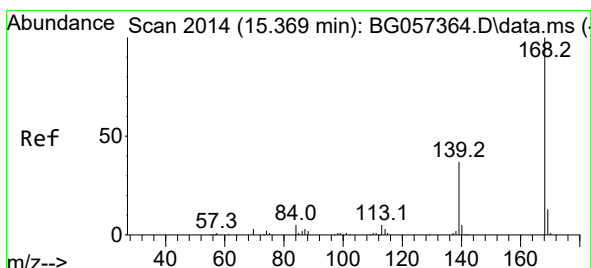
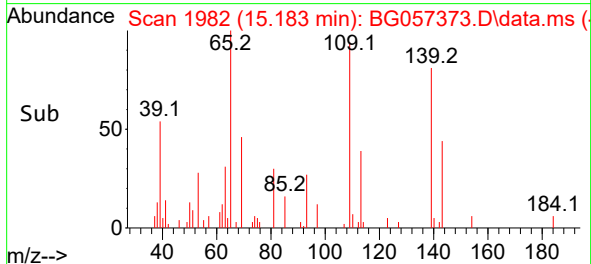
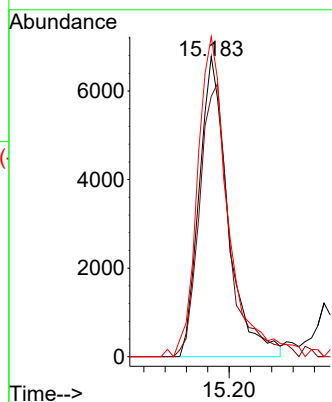
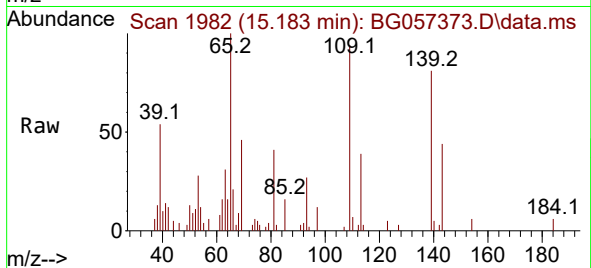




#55
4-Nitrophenol
Concen: 17.731 ng/ul
RT: 15.183 min Scan# 1982
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

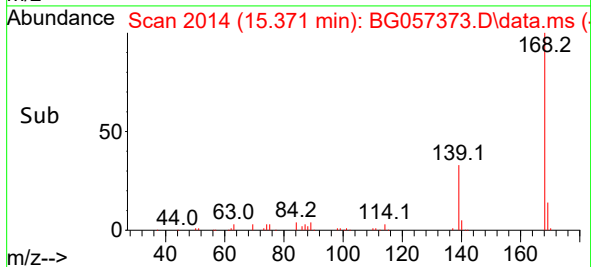
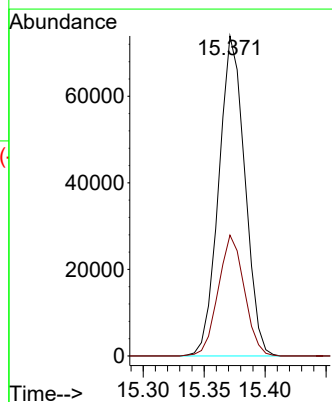
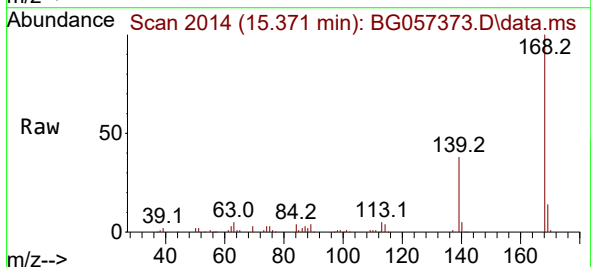
Instrument :
BNA_G
ClientSampleId :
SSTD020484

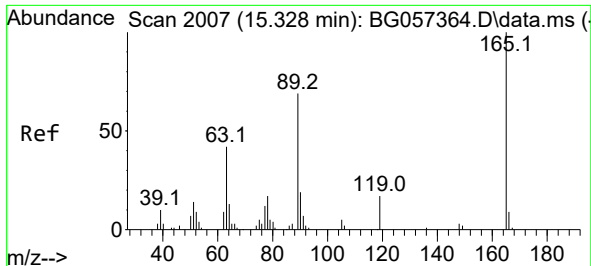
Tgt Ion:109 Resp: 12713
Ion Ratio Lower Upper
109 100
139 86.7 73.8 110.8
65 106.5 81.7 122.5



#56
Dibenzofuran
Concen: 21.604 ng/ul
RT: 15.371 min Scan# 2014
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:168 Resp: 110314
Ion Ratio Lower Upper
168 100
139 37.7 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 21.778 ng/ul

RT: 15.330 min Scan# 2007

Delta R.T. 0.002 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

Instrument :

BNA_G

ClientSampleId :

SSTD020484

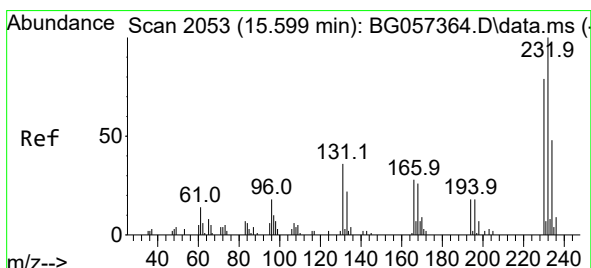
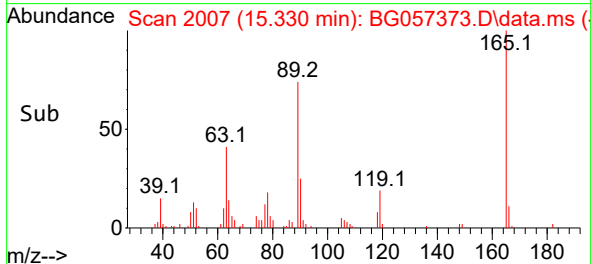
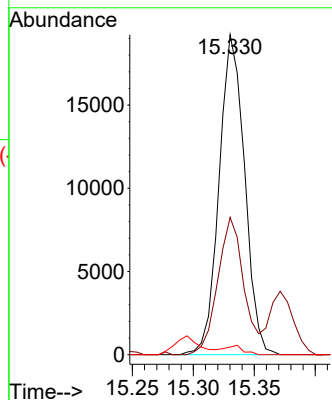
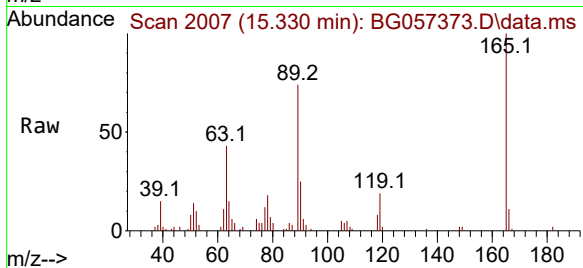
Tgt Ion:165 Resp: 27997

Ion Ratio Lower Upper

165 100

63 42.9 35.9 53.9

182 2.3 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.282 ng/ul

RT: 15.600 min Scan# 2053

Delta R.T. 0.002 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

Tgt Ion:232 Resp: 25230

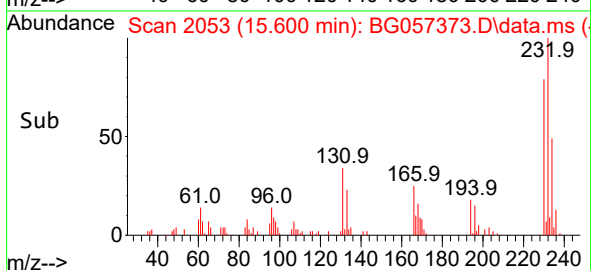
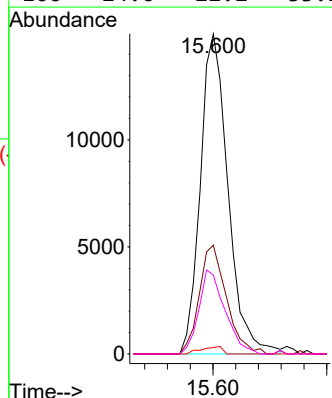
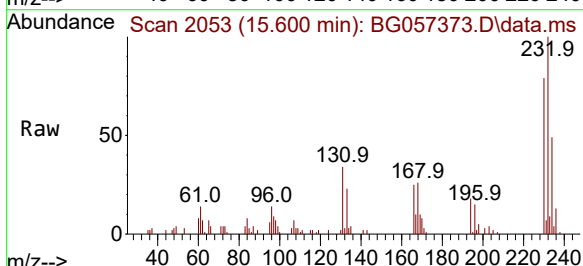
Ion Ratio Lower Upper

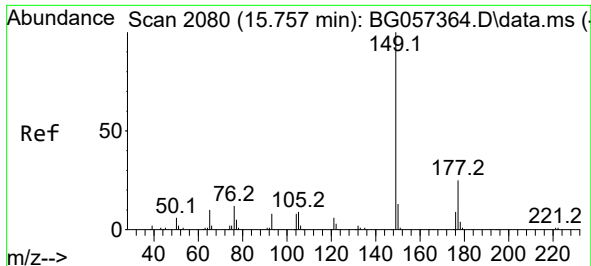
232 100

131 34.0 28.6 43.0

130 2.0 1.8 2.6

166 24.6 22.2 33.2

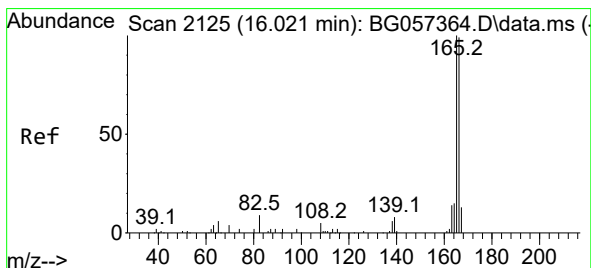
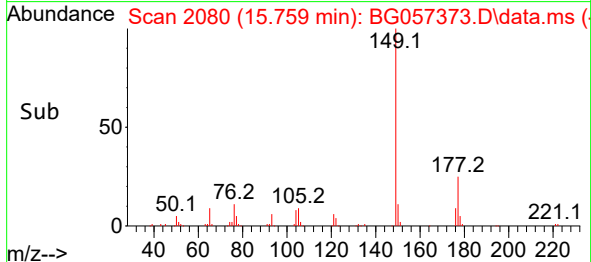
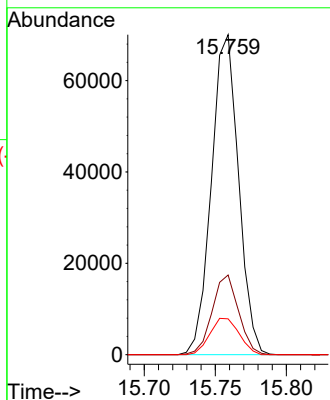
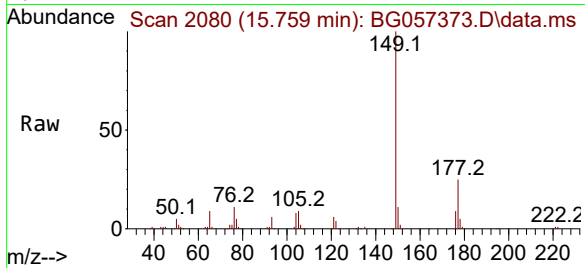




#59
Diethylphthalate
Concen: 20.980 ng/ul
RT: 15.759 min Scan# 2080
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

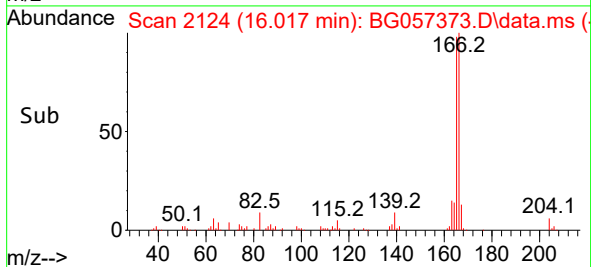
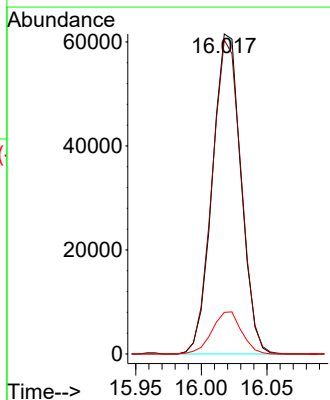
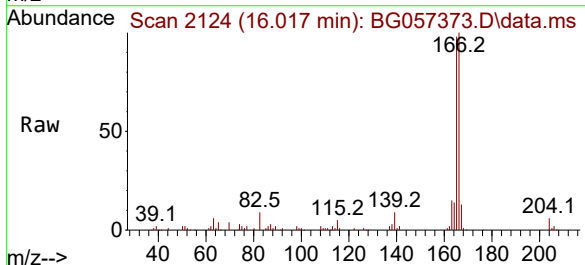
Instrument :
BNA_G
ClientSampleId :
SSTD020484

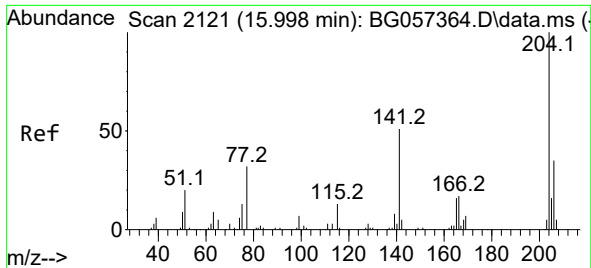
Tgt Ion:149 Resp: 93012
Ion Ratio Lower Upper
149 100
177 24.9 18.6 28.0
150 11.2 9.8 14.8



#61
Fluorene
Concen: 21.587 ng/ul
RT: 16.017 min Scan# 2124
Delta R.T. -0.004 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:166 Resp: 93209
Ion Ratio Lower Upper
166 100
165 98.1 80.1 120.1
167 13.0 10.2 15.4

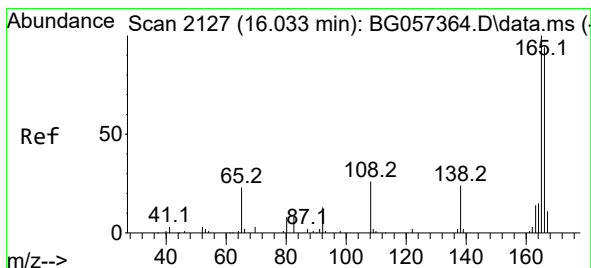
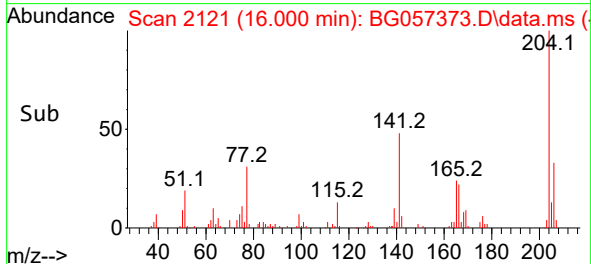
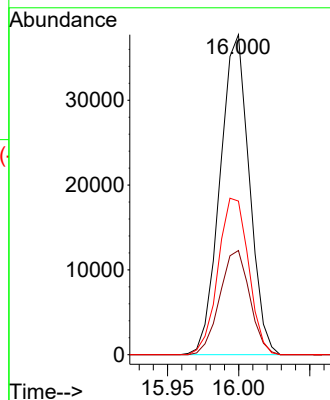
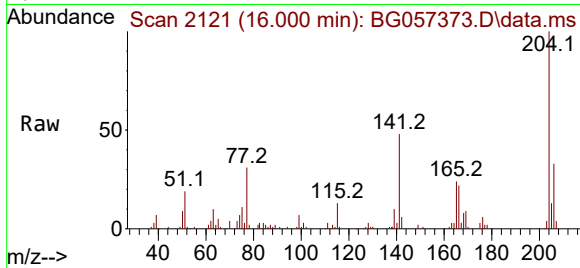




#62
4-Chlorophenyl-phenylether
Concen: 21.445 ng/ul
RT: 16.000 min Scan# 2121
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

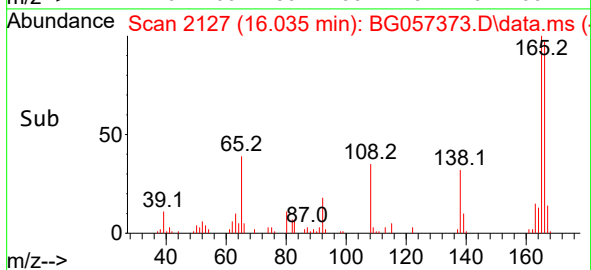
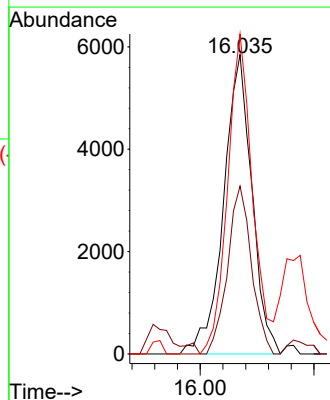
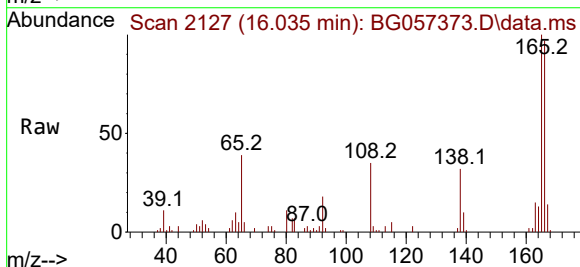
Instrument :
BNA_G
ClientSampleId :
SSTD020484

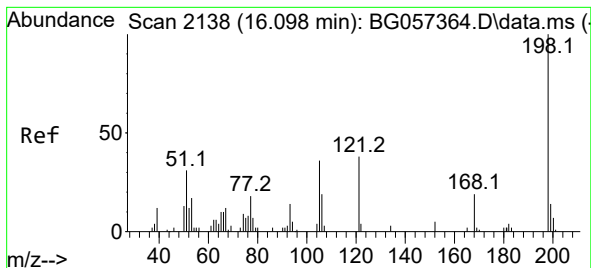
Tgt Ion:204 Resp: 54044
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 48.0 41.5 62.3



#63
4-Nitroaniline
Concen: 16.775 ng/ul
RT: 16.035 min Scan# 2127
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:138 Resp: 10108
Ion Ratio Lower Upper
138 100
92 56.0 39.9 59.9
108 106.9 89.1 133.7

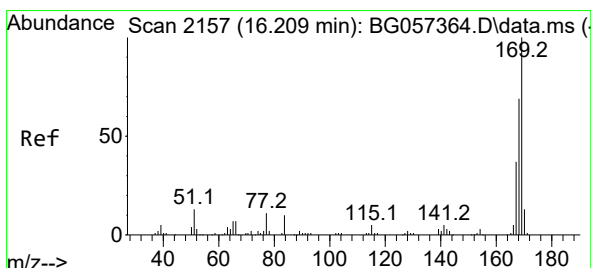
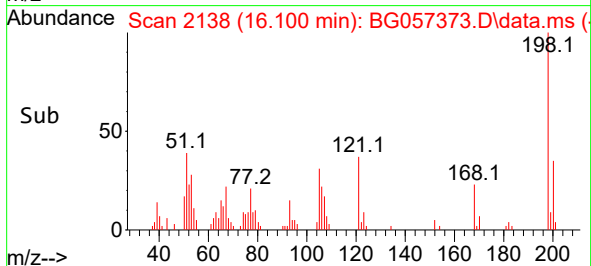
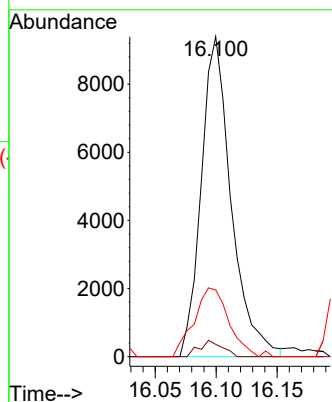
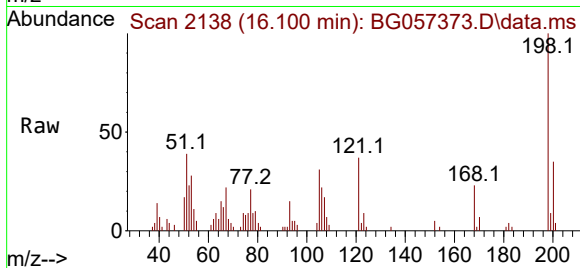




#66
 4,6-Dinitro-2-methylphenol
 Concen: 19.533 ng/ul
 RT: 16.100 min Scan# 2138
 Delta R.T. 0.002 min
 Lab File: BG057373.D
 Acq: 10 May 2023 17:34

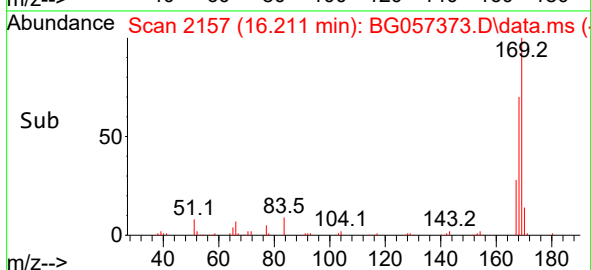
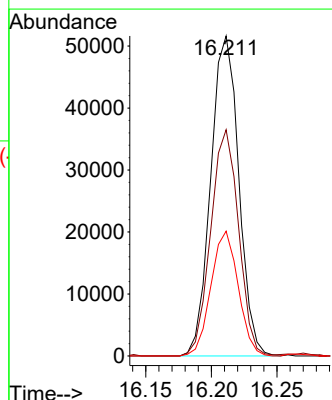
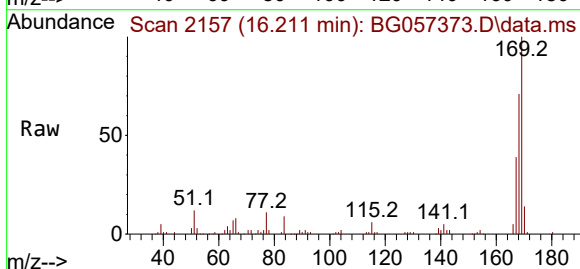
Instrument :
 BNA_G
 ClientSampleId :
 SST020484

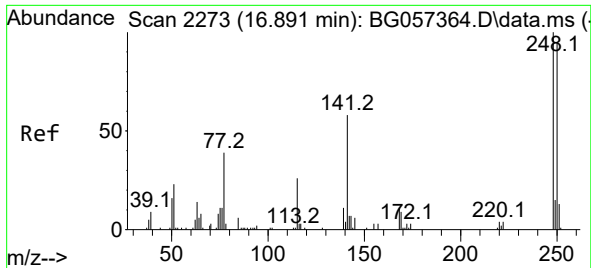
Tgt Ion:198 Resp: 16082
 Ion Ratio Lower Upper
 198 100
 182 3.8 3.0 4.6
 77 20.8 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 21.531 ng/ul
 RT: 16.211 min Scan# 2157
 Delta R.T. 0.002 min
 Lab File: BG057373.D
 Acq: 10 May 2023 17:34

Tgt Ion:169 Resp: 76698
 Ion Ratio Lower Upper
 169 100
 168 70.7 55.4 83.2
 167 39.0 31.0 46.4

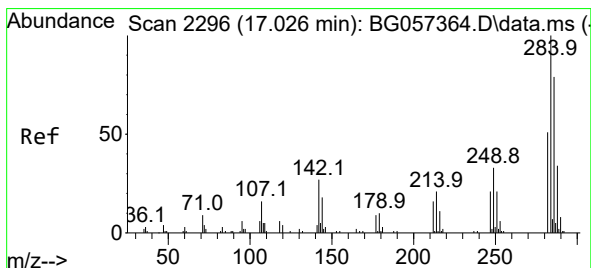
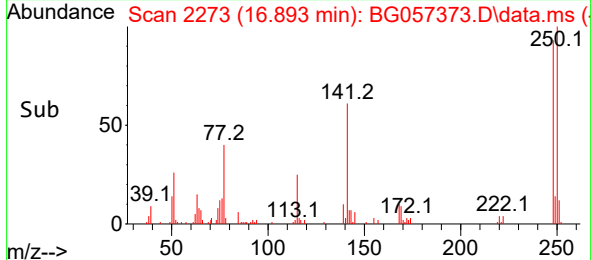
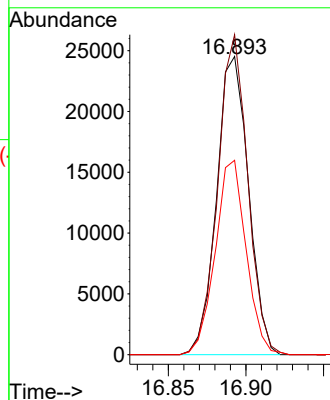
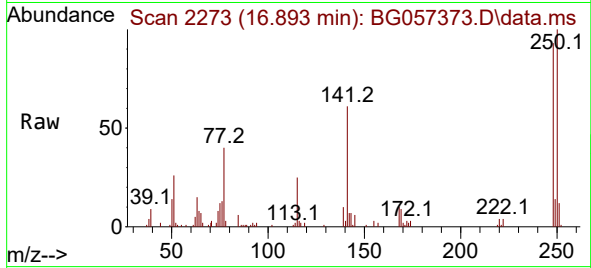




#68
4-Bromophenyl-phenylether
Concen: 21.480 ng/ul
RT: 16.893 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

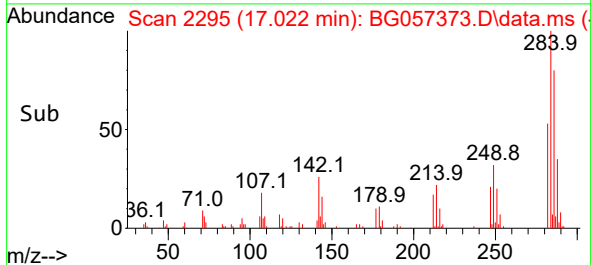
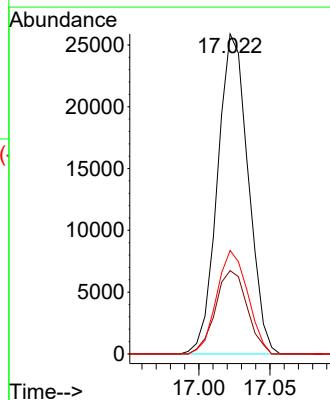
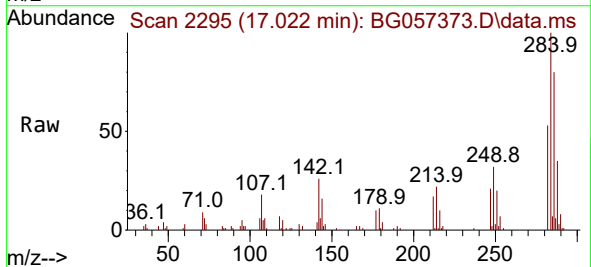
Instrument :
BNA_G
ClientSampleId :
SSTD020484

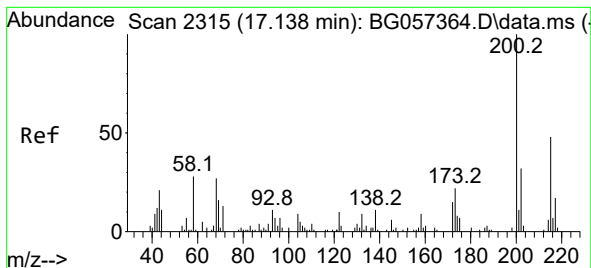
Tgt Ion:248 Resp: 35010
Ion Ratio Lower Upper
248 100
250 107.3 74.8 112.2
141 65.2 47.8 71.6



#69
Hexachlorobenzene
Concen: 22.620 ng/ul
RT: 17.022 min Scan# 2295
Delta R.T. -0.004 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:284 Resp: 38825
Ion Ratio Lower Upper
284 100
142 26.1 22.6 33.8
249 32.3 26.2 39.2





#70

Atrazine

Concen: 21.730 ng/ul

RT: 17.145 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

Instrument :

BNA_G

ClientSampleId :

SSTD020484

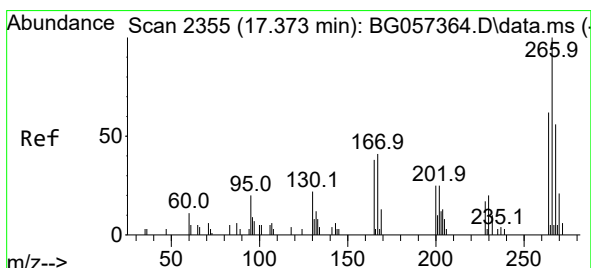
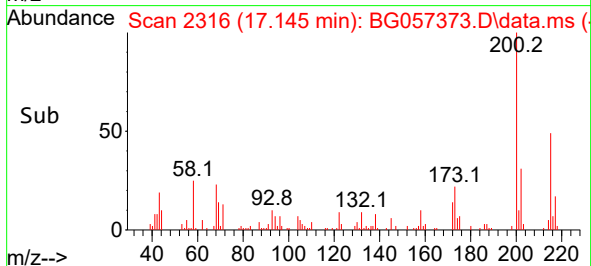
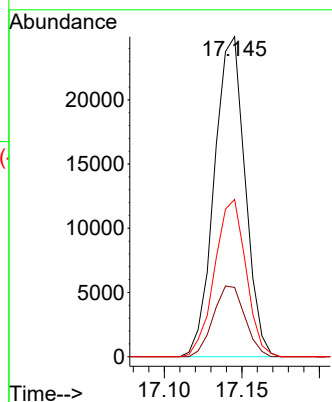
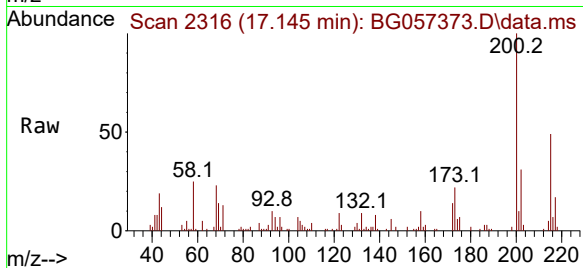
Tgt Ion:200 Resp: 34403

Ion Ratio Lower Upper

200 100

173 21.6 17.8 26.6

215 49.1 40.3 60.5



#71

Pentachlorophenol

Concen: 19.764 ng/ul

RT: 17.374 min Scan# 2355

Delta R.T. 0.002 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

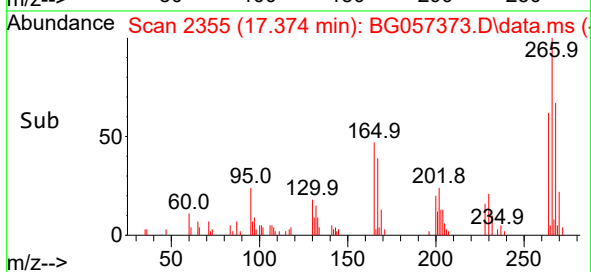
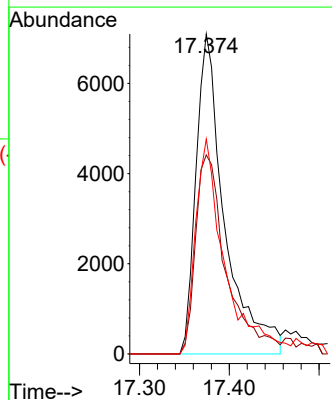
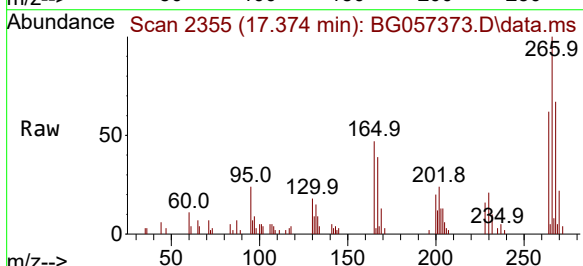
Tgt Ion:266 Resp: 15680

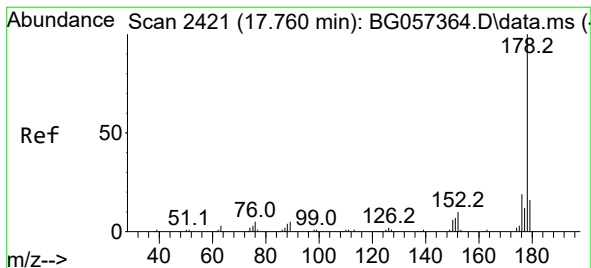
Ion Ratio Lower Upper

266 100

264 62.2 47.8 71.6

268 67.1 48.2 72.4





#72

Phenanthrene

Concen: 21.649 ng/ul

RT: 17.762 min Scan# 2421

Delta R.T. 0.002 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

Instrument :

BNA_G

ClientSampleId :

SSTD020484

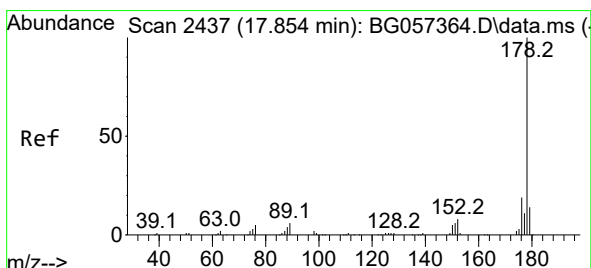
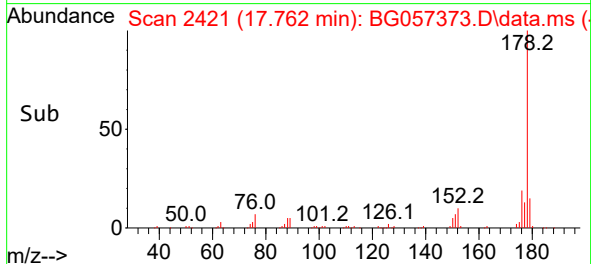
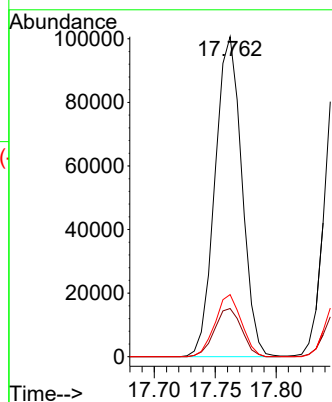
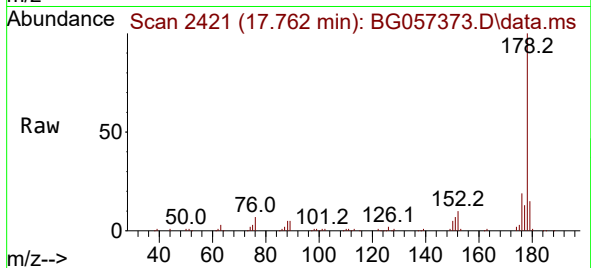
Tgt Ion:178 Resp: 153740

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.8

176 19.4 15.4 23.0



#74

Anthracene

Concen: 21.705 ng/ul

RT: 17.850 min Scan# 2436

Delta R.T. -0.004 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

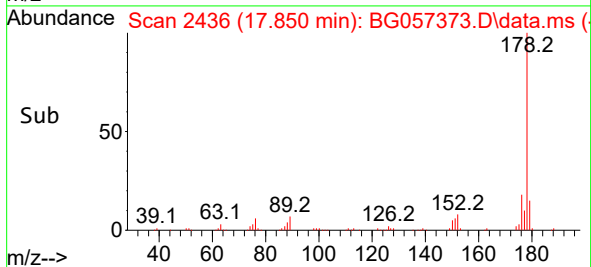
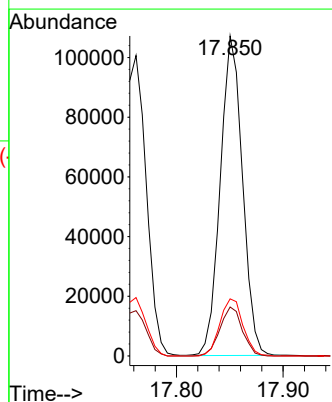
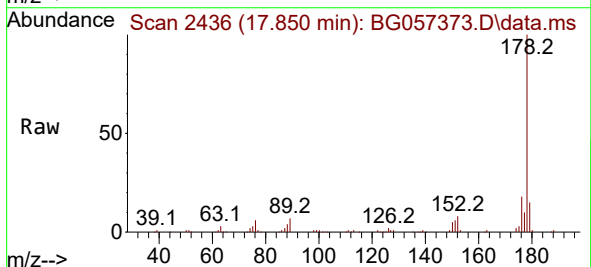
Tgt Ion:178 Resp: 154832

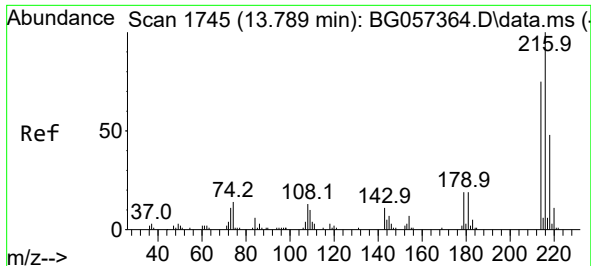
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 17.9 14.7 22.1

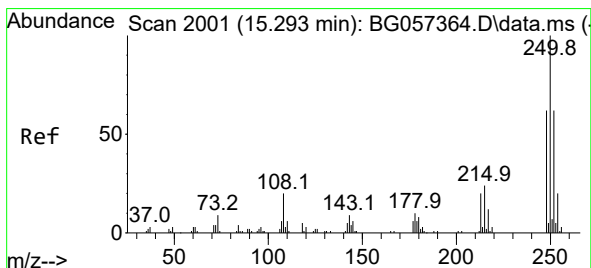
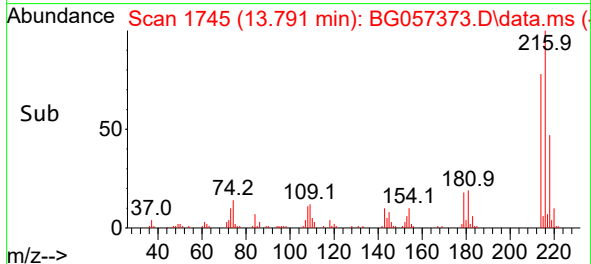
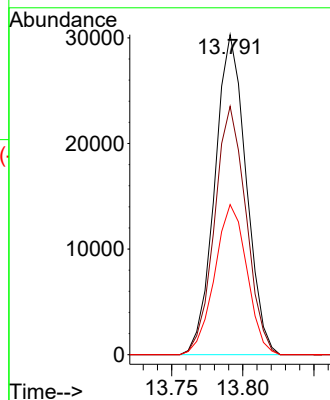
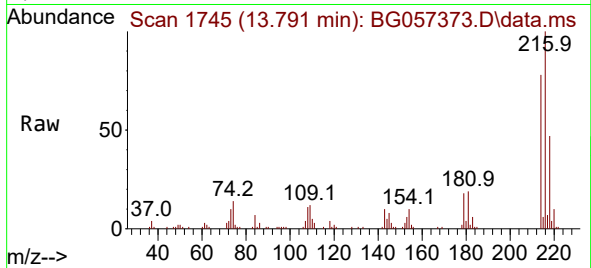




#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.618 ng/uL
RT: 13.791 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

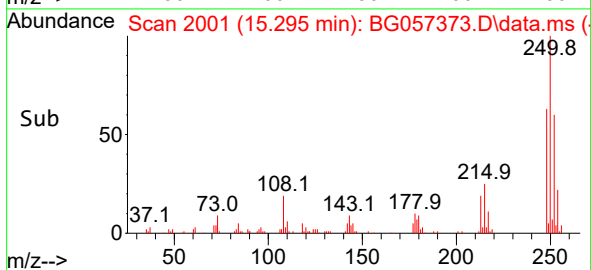
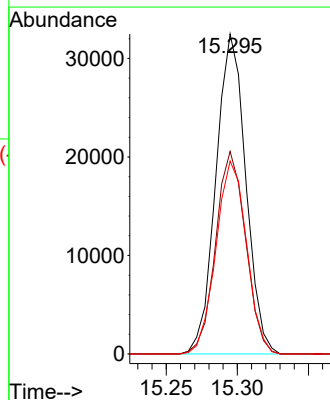
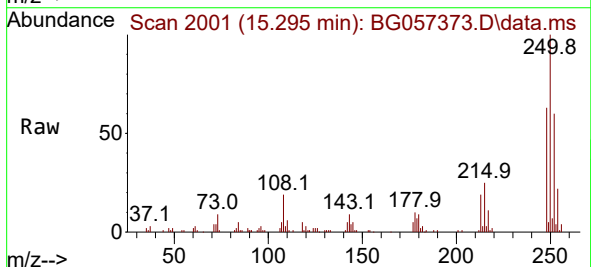
Instrument :
BNA_G
ClientSampleId :
SSTD020484

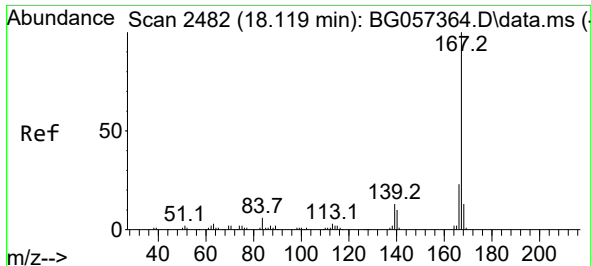
Tgt Ion:216 Resp: 46392
Ion Ratio Lower Upper
216 100
214 77.6 64.3 96.5
218 46.9 38.5 57.7



#76
Pentachlorobenzene
Concen: 22.712 ng/uL
RT: 15.295 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:250 Resp: 47418
Ion Ratio Lower Upper
250 100
248 63.3 52.2 78.2
252 60.3 52.5 78.7

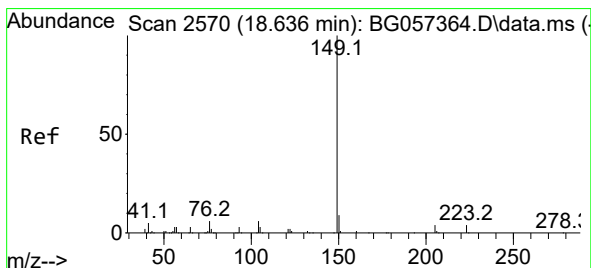
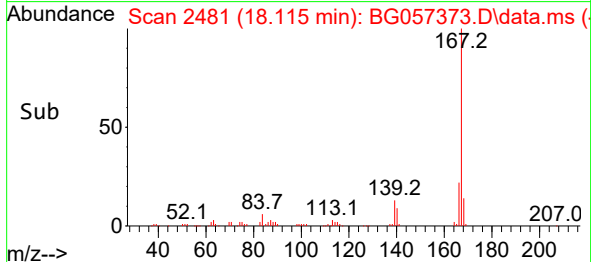
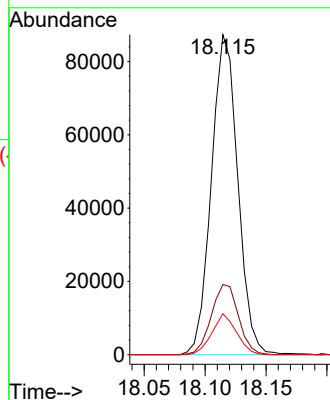
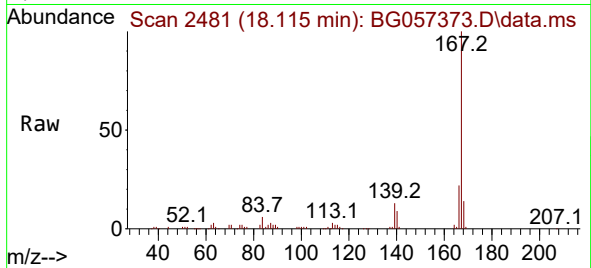




#77
 Carbazole
 Concen: 22.092 ng/ul
 RT: 18.115 min Scan# 2482
 Delta R.T. -0.004 min
 Lab File: BG057373.D
 Acq: 10 May 2023 17:34

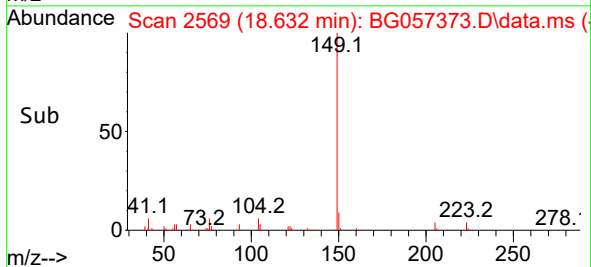
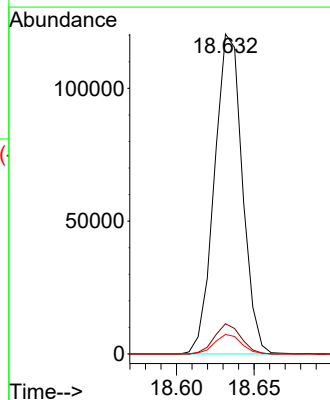
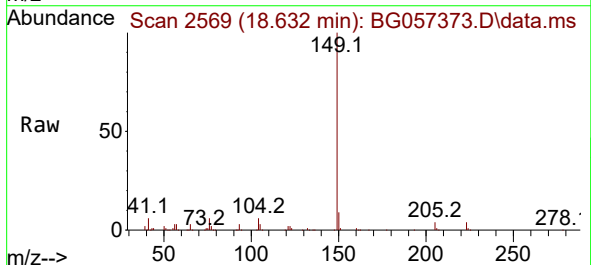
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020484

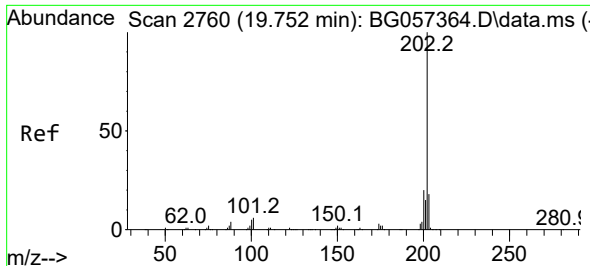
Tgt Ion:167 Resp: 131700
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 12.8 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 22.145 ng/ul
 RT: 18.632 min Scan# 2569
 Delta R.T. -0.004 min
 Lab File: BG057373.D
 Acq: 10 May 2023 17:34

Tgt Ion:149 Resp: 150958
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 6.1 5.0 7.6

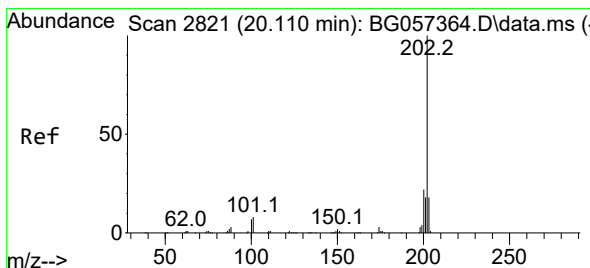
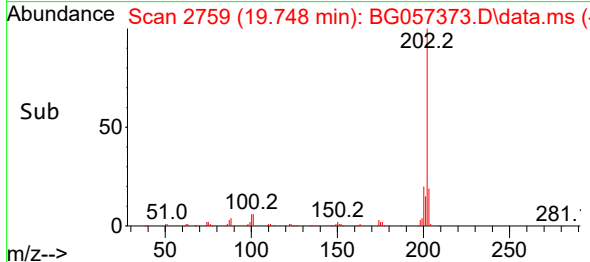
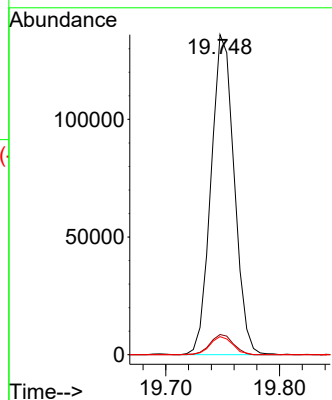
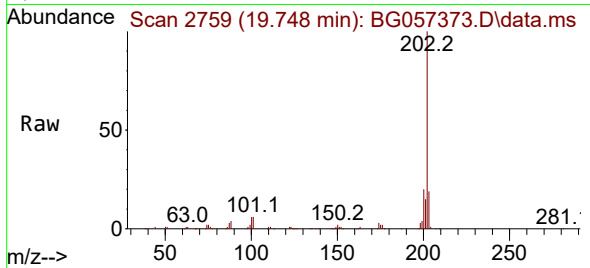




#80
Fluoranthene
Concen: 21.121 ng/ul
RT: 19.748 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

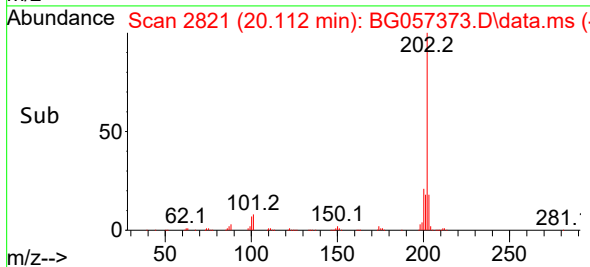
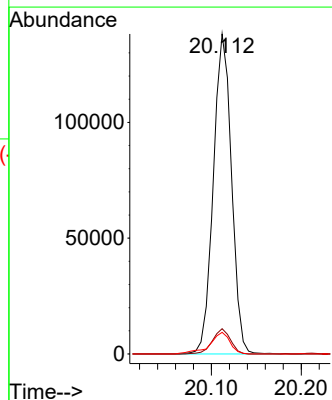
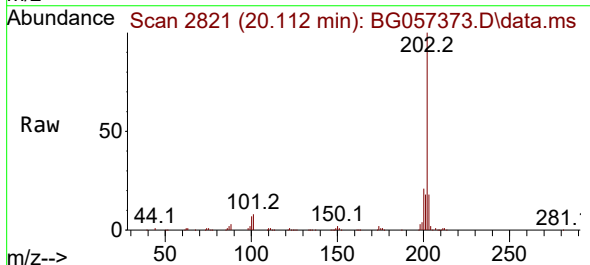
Instrument :
BNA_G
ClientSampleId :
SSTD020484

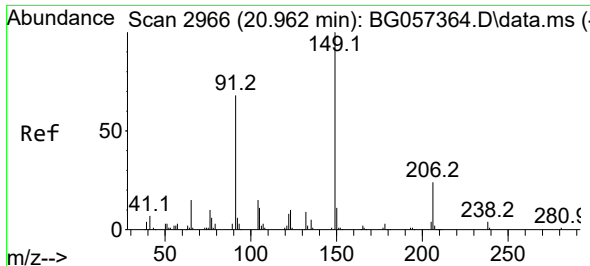
Tgt Ion:202 Resp: 192714
Ion Ratio Lower Upper
202 100
101 6.3 5.8 8.6
100 5.7 4.6 7.0



#82
Pyrene
Concen: 21.043 ng/ul
RT: 20.112 min Scan# 2821
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:202 Resp: 194366
Ion Ratio Lower Upper
202 100
101 7.9 5.7 8.5
100 6.8 6.0 9.0

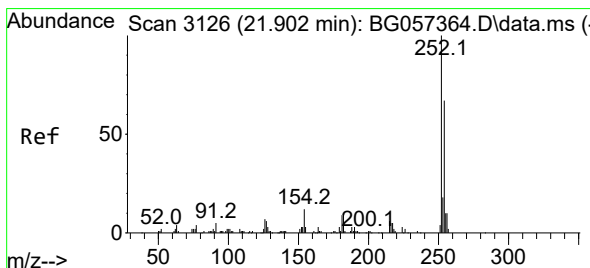
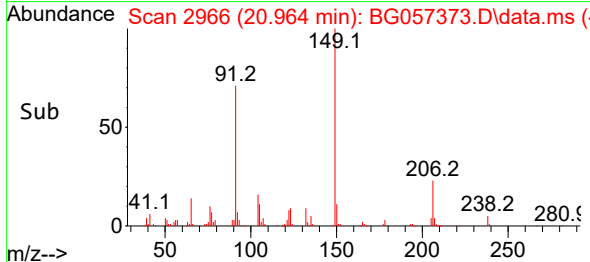
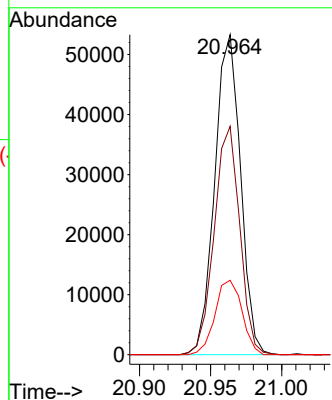
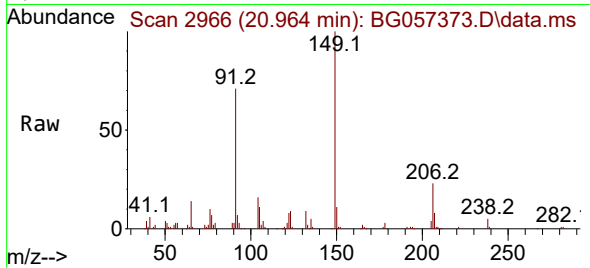




#83
Butylbenzylphthalate
Concen: 22.761 ng/ul
RT: 20.964 min Scan# 2966
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

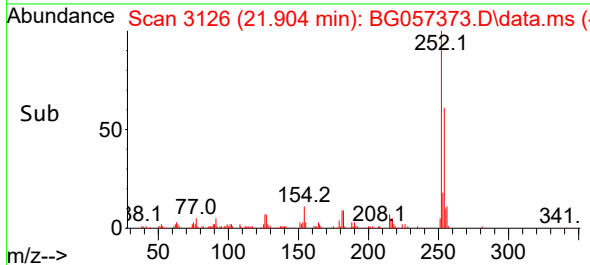
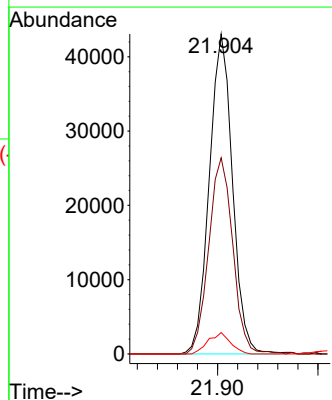
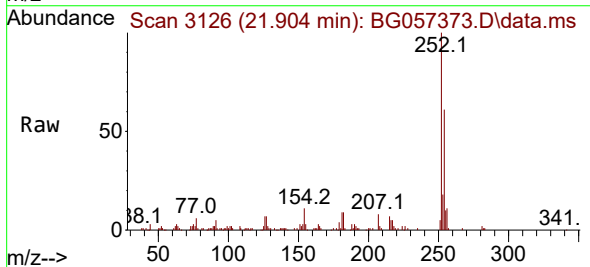
Instrument :
BNA_G
ClientSampleId :
SSTD020484

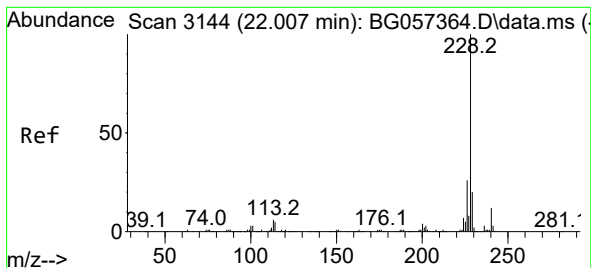
Tgt Ion:149 Resp: 67328
Ion Ratio Lower Upper
149 100
91 71.3 58.6 87.8
206 23.2 19.8 29.8



#84
3,3'-Dichlorobenzidine
Concen: 24.027 ng/ul
RT: 21.904 min Scan# 3126
Delta R.T. 0.002 min
Lab File: BG057373.D
Acq: 10 May 2023 17:34

Tgt Ion:252 Resp: 69052
Ion Ratio Lower Upper
252 100
254 61.3 53.7 80.5
126 6.7 5.2 7.8





#85

Benzo(a)anthracene

Concen: 21.293 ng/ul

RT: 22.009 min Scan# 3144

Delta R.T. 0.002 min

Lab File: BG057373.D

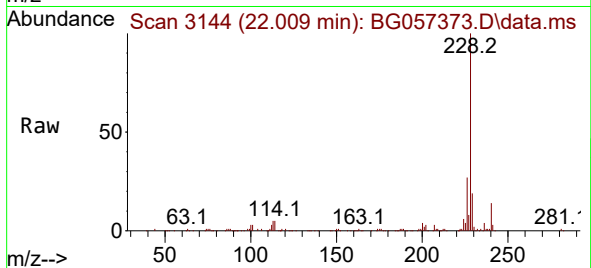
Acq: 10 May 2023 17:34

Instrument :

BNA_G

ClientSampleId :

SSTD020484



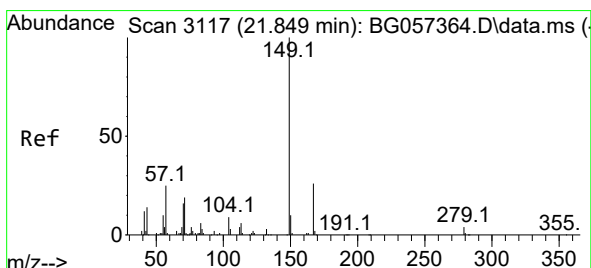
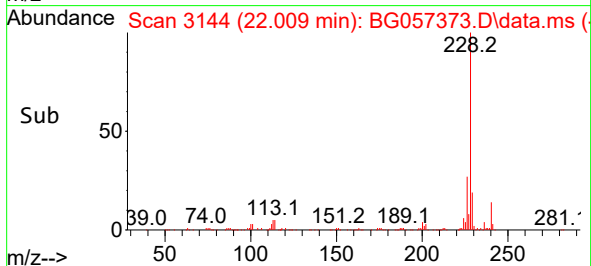
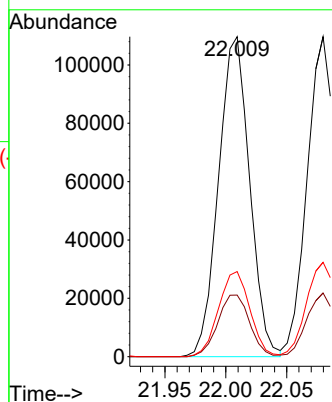
Tgt Ion:228 Resp: 194879

Ion Ratio Lower Upper

228 100

229 19.3 15.8 23.6

226 26.6 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.240 ng/ul

RT: 21.851 min Scan# 3117

Delta R.T. 0.002 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

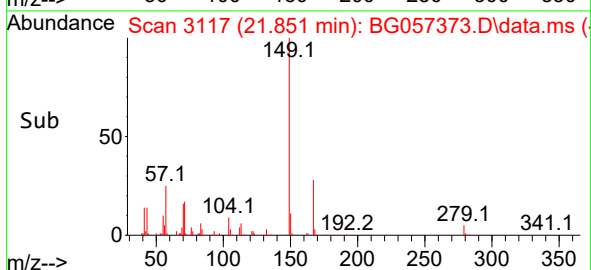
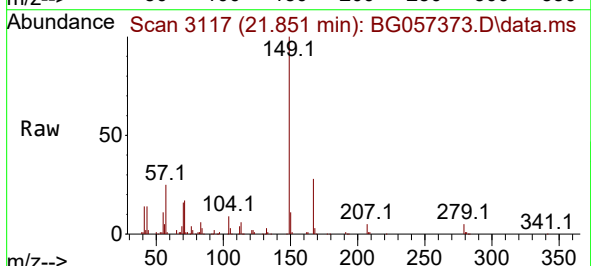
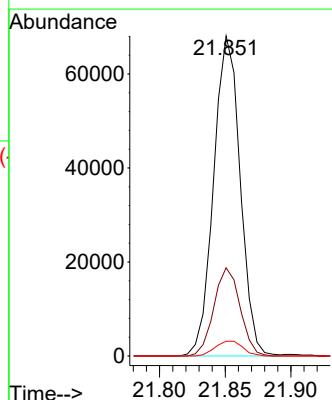
Tgt Ion:149 Resp: 95682

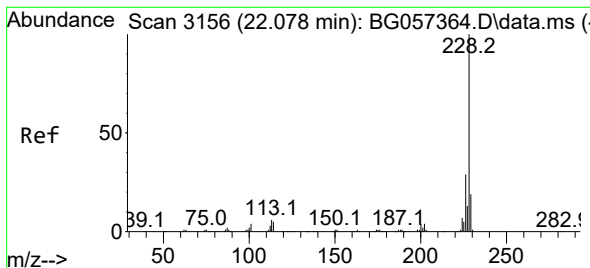
Ion Ratio Lower Upper

149 100

167 27.5 23.0 34.6

279 4.6 3.6 5.4





#87

Chrysene

Concen: 21.194 ng/ul

RT: 22.080 min Scan# 3156

Delta R.T. 0.002 min

Lab File: BG057373.D

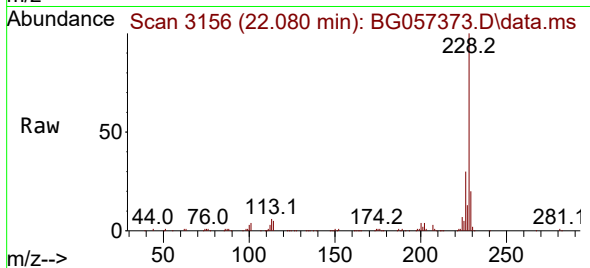
Acq: 10 May 2023 17:34

Instrument :

BNA_G

ClientSampleId :

SSTD020484



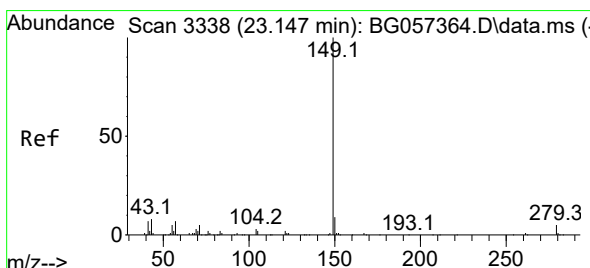
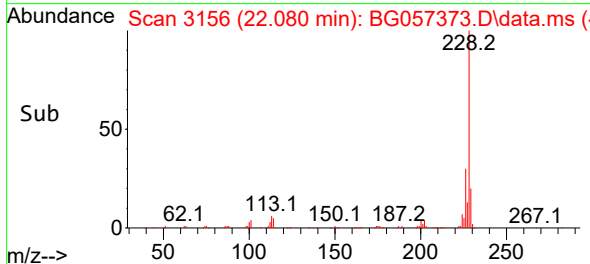
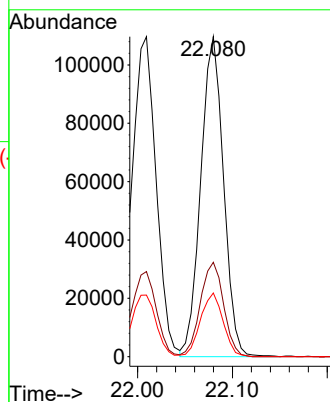
Tgt Ion:228 Resp: 183009

Ion Ratio Lower Upper

228 100

226 29.5 22.8 34.2

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 21.797 ng/ul

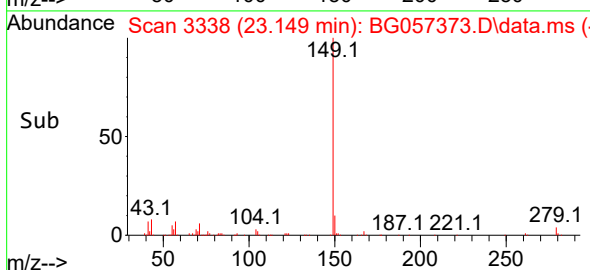
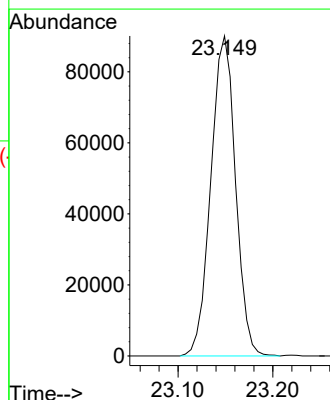
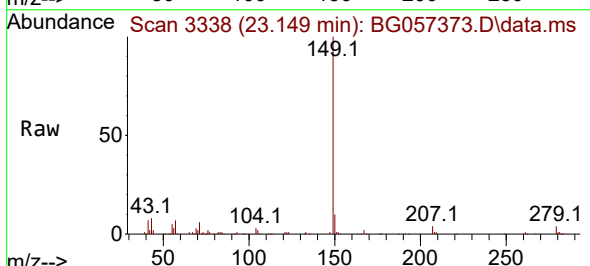
RT: 23.149 min Scan# 3338

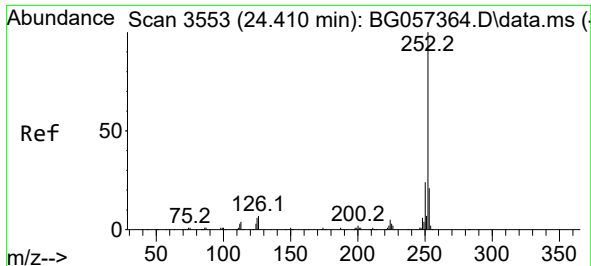
Delta R.T. 0.002 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

Tgt Ion:149 Resp: 163039





#90

Benzo(b)fluoranthene

Concen: 21.346 ng/ul

RT: 24.406 min Scan# 3552

Delta R.T. -0.004 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

Instrument :

BNA_G

ClientSampleId :

SSTD020484

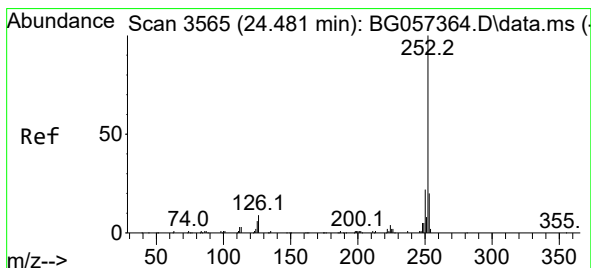
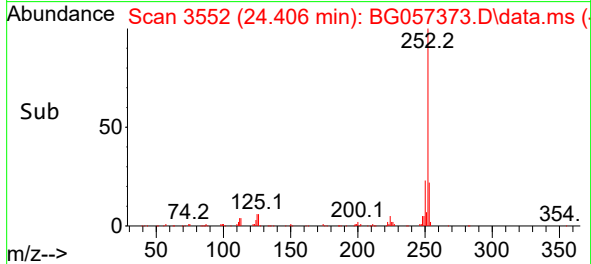
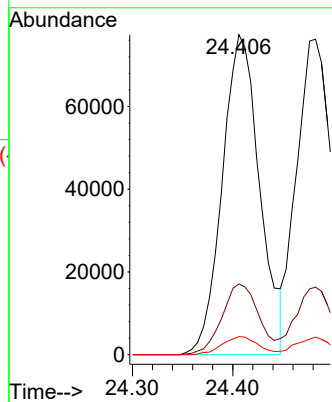
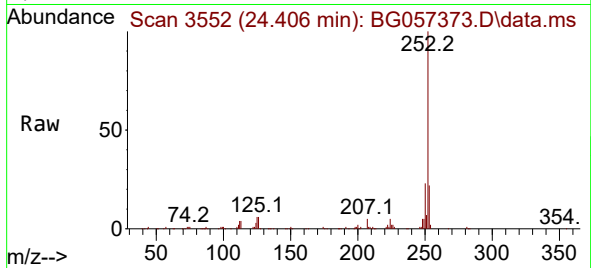
Tgt Ion:252 Resp: 200219

Ion Ratio Lower Upper

252 100

253 22.1 16.7 25.1

125 5.7 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 20.831 ng/ul

RT: 24.482 min Scan# 3565

Delta R.T. 0.002 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

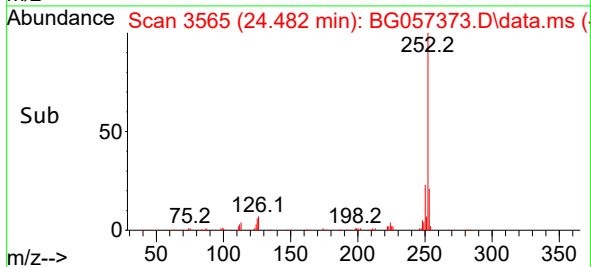
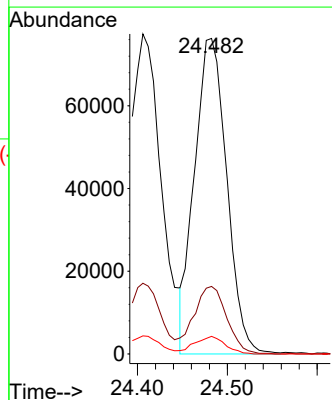
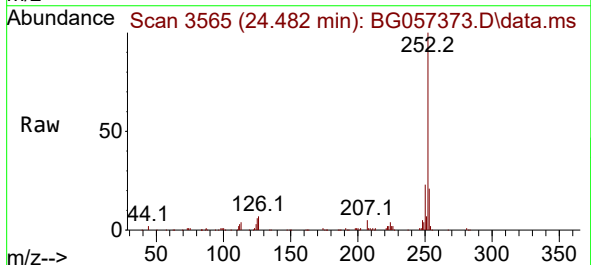
Tgt Ion:252 Resp: 190090

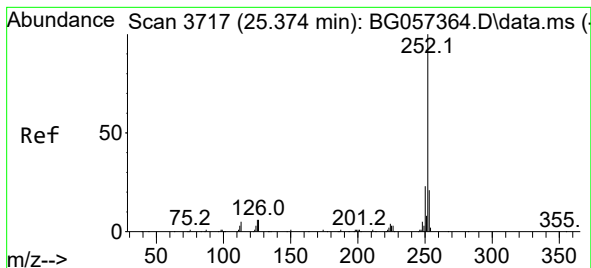
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 5.6 4.5 6.7





#93

Benzo(a)pyrene

Concen: 21.064 ng/ul

RT: 25.369 min Scan# 3716

Delta R.T. -0.004 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

Instrument :

BNA_G

ClientSampleId :

SSTD020484

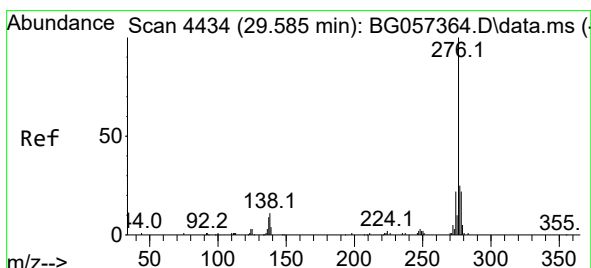
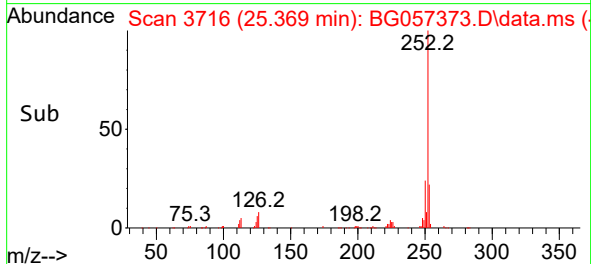
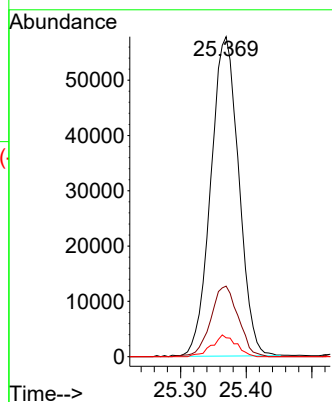
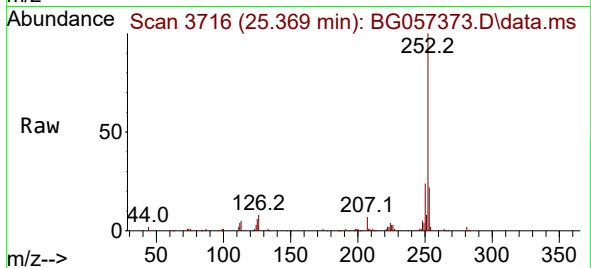
Tgt Ion:252 Resp: 170575

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 5.9 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.215 ng/ul

RT: 29.581 min Scan# 4433

Delta R.T. -0.004 min

Lab File: BG057373.D

Acq: 10 May 2023 17:34

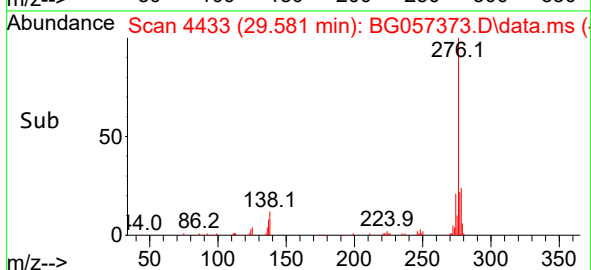
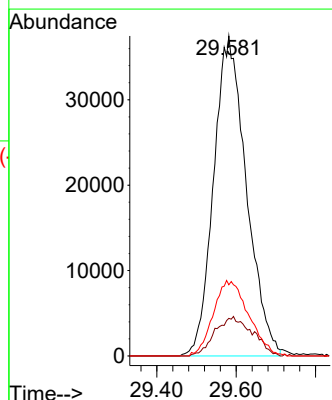
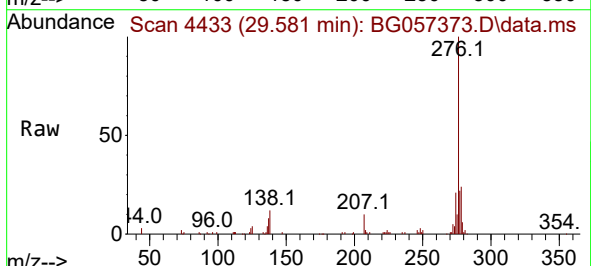
Tgt Ion:276 Resp: 214745

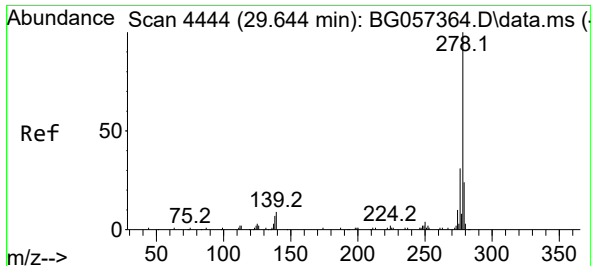
Ion Ratio Lower Upper

276 100

138 11.8 9.4 14.2

277 22.3 18.6 28.0

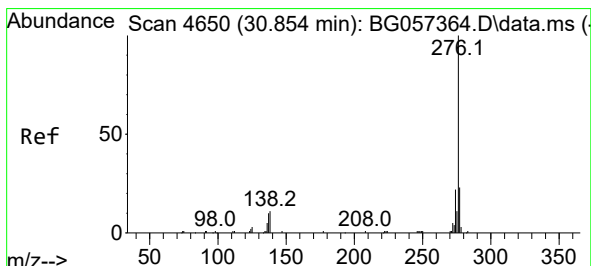
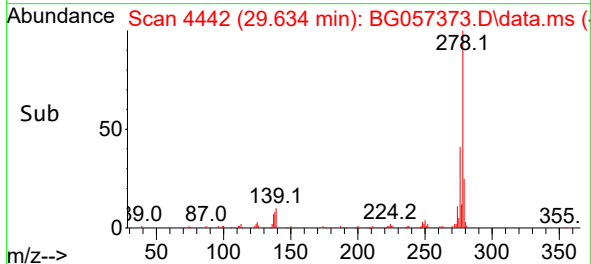
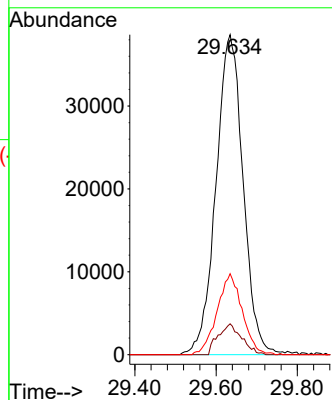
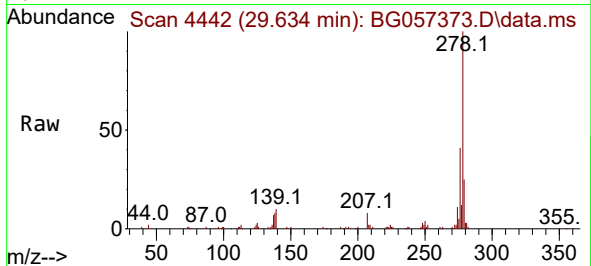




#95
 Dibenzo(a,h)anthracene
 Concen: 21.294 ng/ul
 RT: 29.634 min Scan# 4442
 Delta R.T. -0.010 min
 Lab File: BG057373.D
 Acq: 10 May 2023 17:34

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020484

Tgt Ion:278 Resp: 178737
 Ion Ratio Lower Upper
 278 100
 139 9.6 5.8 8.6#
 279 25.3 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 21.321 ng/ul
 RT: 30.850 min Scan# 4649
 Delta R.T. -0.004 min
 Lab File: BG057373.D
 Acq: 10 May 2023 17:34

Tgt Ion:276 Resp: 174672
 Ion Ratio Lower Upper
 276 100
 138 10.6 8.7 13.1
 277 24.4 18.4 27.6

