

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
 Data File : BG057323.D
 Acq On : 8 May 2023 9:06
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020478

Quant Time: May 09 00:08:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 08 11:47:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.374	152	17108	20.000	ng/u1	0.00
20) Naphthalene-d8	11.218	136	73442	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.989	164	58618	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.727	188	143376	20.000	ng/u1	0.00
79) Chrysene-d12	22.044	240	124296	20.000	ng/u1	0.00
88) Perylene-d12	25.563	264	127736	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.646	96	3222	8.288	ng/uL	0.00
4) Pyridine-d5	4.092	84	23726	19.358	ng/u1	0.00
7) Phenol-d5	7.517	99	34207	21.143	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.681	67	18046	18.964	ng/u1	0.00
11) 2-Chlorophenol-d4	7.899	132	23541	22.079	ng/u1	0.00
15) 4-Methylphenol-d8	9.079	113	26850	21.835	ng/u1	0.00
21) Nitrobenzene-d5	9.549	128	12844	21.961	ng/u1	0.00
24) 2-Nitrophenol-d4	10.284	143	15361	22.505	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.830	165	30798	23.387	ng/u1	0.00
31) 4-Chloroaniline-d4	11.341	131	38140	21.852	ng/u1	0.00
46) Dimethylphthalate-d6	14.372	166	97425	20.975	ng/u1	0.00
49) Acenaphthylene-d8	14.689	160	113518	21.745	ng/u1	0.00
54) 4-Nitrophenol-d4	15.177	143	12553	18.567	ng/u1	0.00
60) Fluorene-d10	15.976	176	91966	21.255	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.093	200	16417	19.326	ng/u1	0.00
73) Anthracene-d10	17.826	188	144134	22.024	ng/u1	0.00
81) Pyrene-d10	20.094	212	165273	22.401	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.316	264	144868	22.261	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.687	88	3207	7.779	ng/uL#	85
5) Pyridine	4.110	79	25060	19.396	ng/u1	87
6) Benzaldehyde	7.499	77	11240	22.746	ng/u1	87
8) Phenol	7.540	94	34289	21.027	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.769	93	24282	19.896	ng/u1	90
12) 2-Chlorophenol	7.934	128	24685	22.042	ng/u1	96
13) 2-Methylphenol	8.815	108	26158	20.698	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.891	45	28290	17.978	ng/u1#	89
16) Acetophenone	9.203	105	43780	20.690	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.173	70	23710	19.499	ng/u1	94
18) 4-Methylphenol	9.138	108	29567	21.614	ng/u1	98
19) Hexachloroethane	9.473	117	10137	21.634	ng/u1	98
22) Nitrobenzene	9.596	77	35452	20.356	ng/u1	98
23) Isophorone	10.113	82	66824	20.167	ng/u1	98
25) 2-Nitrophenol	10.313	139	15230	22.030	ng/u1	97
26) 2,4-Dimethylphenol	10.354	107	34447	21.964	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.589	93	35074	20.363	ng/u1	97
29) 2,4-Dichlorophenol	10.859	162	29257	23.407	ng/u1	94
30) Naphthalene	11.265	128	89251	22.134	ng/u1	99
32) 4-Chloroaniline	11.365	127	39469	21.703	ng/u1	96
33) Hexachlorobutadiene	11.535	225	23986	22.625	ng/u1	99
34) Caprolactam	12.116	113	8819	20.958	ng/u1#	76
35) 4-Chloro-3-methylphenol	12.463	107	32378	22.513	ng/u1	94
36) 2-Methylnaphthalene	12.845	142	65596	22.182	ng/u1	100

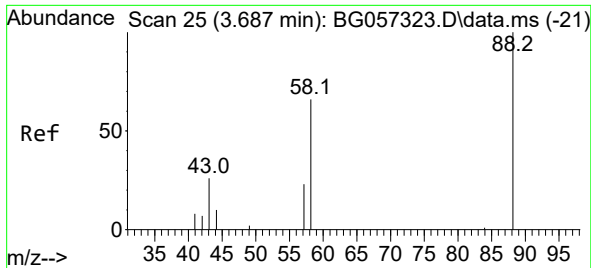
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.062	142	66776	22.457	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.203	216	48655	22.841	ng/ul	99
40) Hexachlorocyclopentadiene	13.174	237	25602	24.084	ng/ul	98
41) 2,4,6-Trichlorophenol	13.438	196	28203	22.733	ng/ul	98
42) 2,4,5-Trichlorophenol	13.438	196	21540	16.171	ng/ul	94
43) 1,1'-Biphenyl	13.826	154	96795	21.641	ng/ul	99
44) 2-Chloronaphthalene	13.879	162	76064	21.933	ng/ul	96
45) 2-Nitroaniline	14.073	65	22770	21.749	ng/ul	95
47) Dimethylphthalate	14.419	163	98496	21.117	ng/ul	99
48) 2,6-Dinitrotoluene	14.554	165	20578	21.438	ng/ul	97
50) Acenaphthylene	14.719	152	116828	22.023	ng/ul	99
51) 3-Nitroaniline	14.889	138	15215	22.371	ng/ul	96
52) Acenaphthene	15.054	153	82101	21.721	ng/ul	100
53) 2,4-Dinitrophenol	15.107	184	8429	16.489	ng/ul	95
55) 4-Nitrophenol	15.195	109	13192	17.213	ng/ul	98
56) Dibenzofuran	15.383	168	119991	21.984	ng/ul	98
57) 2,4-Dinitrotoluene	15.342	165	30457	22.165	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.612	232	26543	21.930	ng/ul#	91
59) Diethylphthalate	15.764	149	98372	20.759	ng/ul	98
61) Fluorene	16.029	166	98229	21.283	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.005	204	57995	21.529	ng/ul	99
63) 4-Nitroaniline	16.046	138	11080	17.203	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.111	198	16755	19.356	ng/ul	93
67) N-Nitrosodiphenylamine	16.223	169	82708	22.083	ng/ul	98
68) 4-Bromophenyl-phenylether	16.904	248	38944	22.726	ng/ul	96
69) Hexachlorobenzene	17.039	284	41124	22.789	ng/ul	99
70) Atrazine	17.151	200	37810	22.715	ng/ul	97
71) Pentachlorophenol	17.386	266	13002	15.588	ng/ul	88
72) Phenanthrene	17.773	178	163657	21.919	ng/ul	98
74) Anthracene	17.862	178	165754	22.101	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.802	216	51322	23.799	ng/uL	97
76) Pentachlorobenzene	15.306	250	50738	23.114	ng/uL	99
77) Carbazole	18.126	167	139499	22.257	ng/ul	99
78) Di-n-butylphthalate	18.643	149	158542	22.121	ng/ul	99
80) Fluoranthene	19.759	202	198391	22.637	ng/ul	98
82) Pyrene	20.123	202	198599	22.385	ng/ul	99
83) Butylbenzylphthalate	20.975	149	67471	23.747	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.915	252	67757	24.546	ng/ul	94
85) Benzo(a)anthracene	22.021	228	192869	21.940	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.868	149	96212	23.283	ng/ul	95
87) Chrysene	22.091	228	181701	21.908	ng/ul	98
89) Di-n-octyl phthalate	23.166	149	156470	22.182	ng/ul	100
90) Benzo(b)fluoranthene	24.435	252	197671	22.347	ng/ul	99
91) Benzo(k)fluoranthene	24.506	252	187730	21.815	ng/ul	99
93) Benzo(a)pyrene	25.393	252	167050	21.875	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.628	276	213362	22.351	ng/ul	99
95) Dibenzo(a,h)anthracene	29.687	278	178539	22.555	ng/ul	98
96) Benzo(g,h,i)perylene	30.903	276	95761	12.395	ng/ul	97

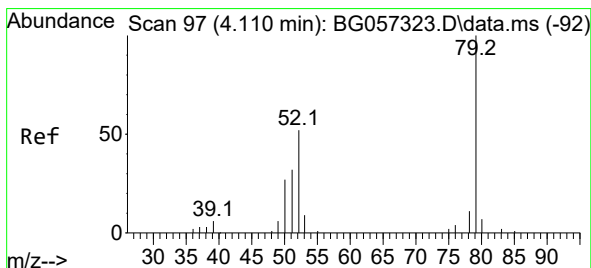
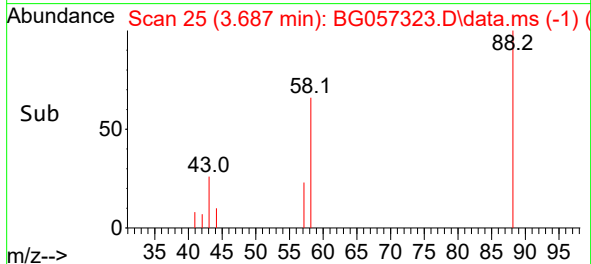
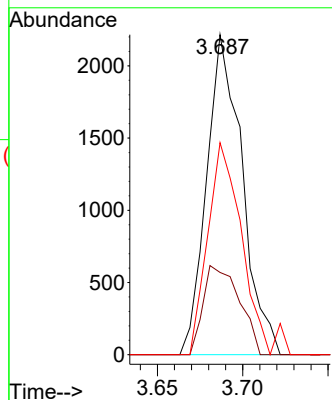
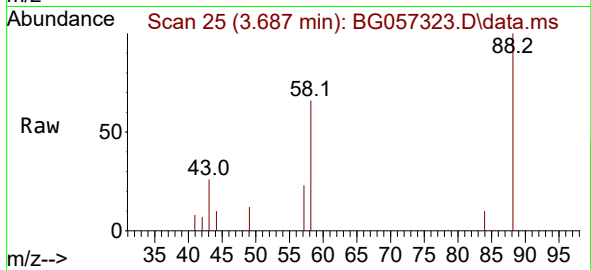
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#2
1,4-Dioxane
Concen: 7.779 ng/uL
RT: 3.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057323.D
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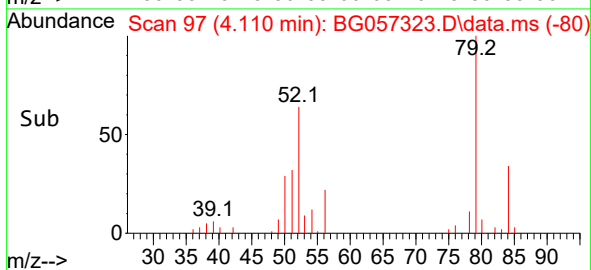
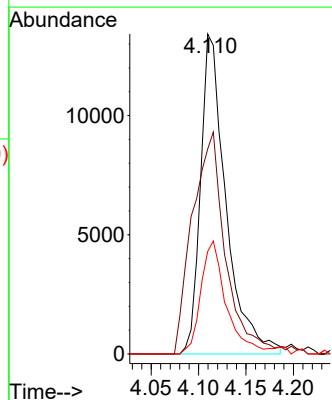
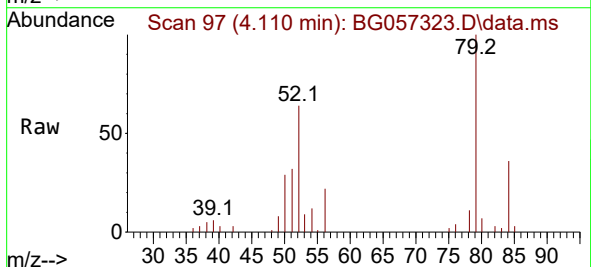
Instrument :
BNA_G
ClientSampleId :
SSTD020478

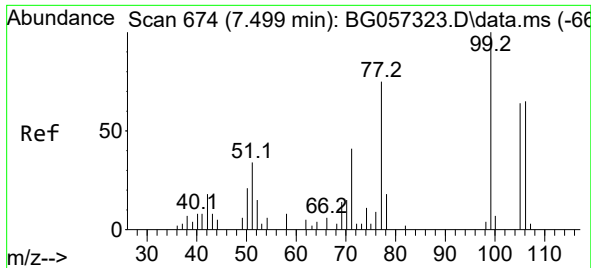
Tgt Ion: 88 Resp: 3207
Ion Ratio Lower Upper
88 100
43 25.7 28.2 42.4#
58 66.2 63.3 94.9



#5
Pyridine
Concen: 19.396 ng/uL
RT: 4.110 min Scan# 97
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion: 79 Resp: 25060
Ion Ratio Lower Upper
79 100
52 64.0 62.4 93.6
51 32.1 29.0 43.4

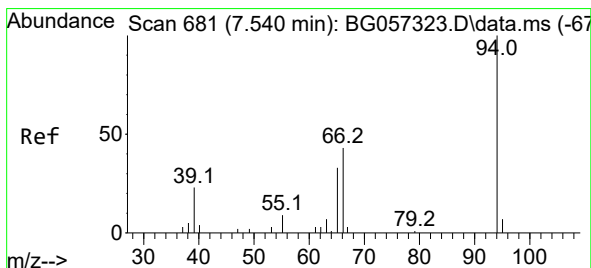
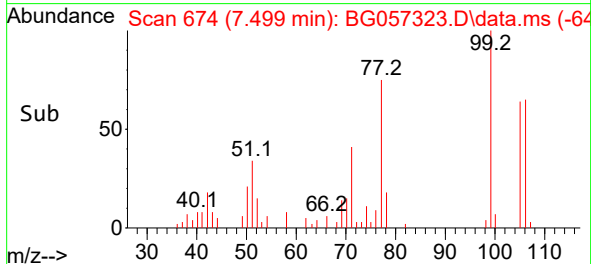
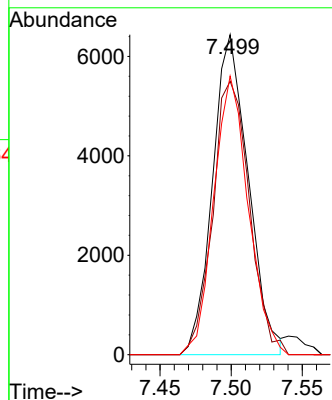
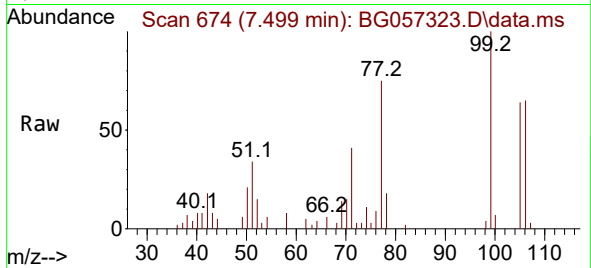




#6
Benzaldehyde
Concen: 22.746 ng/ul
RT: 7.499 min Scan# 674
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

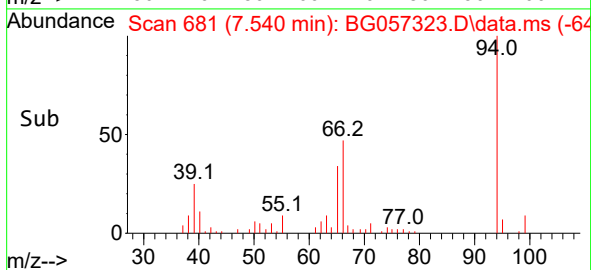
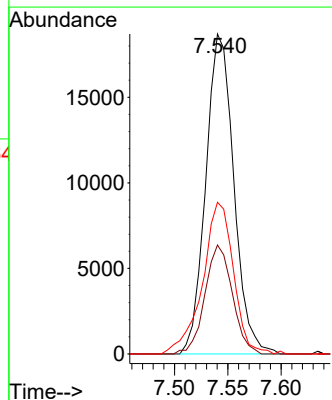
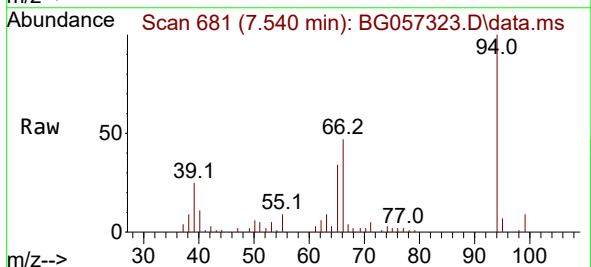
Instrument :
BNA_G
ClientSampleId :
SSTD020478

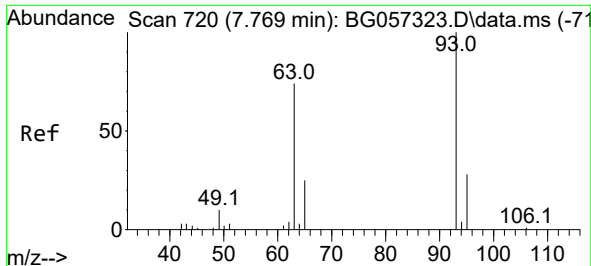
Tgt Ion: 77 Resp: 11240
Ion Ratio Lower Upper
77 100
105 85.5 79.8 119.6
106 87.1 78.7 118.1



#8
Phenol
Concen: 21.027 ng/ul
RT: 7.540 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion: 94 Resp: 34289
Ion Ratio Lower Upper
94 100
65 34.0 25.5 38.3
66 47.4 36.9 55.3

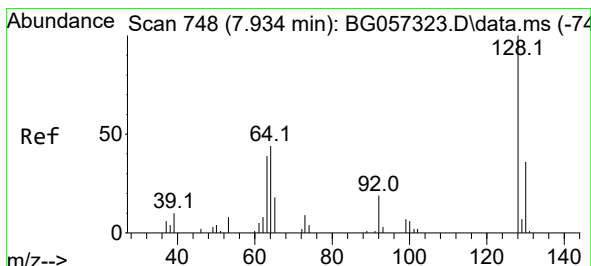
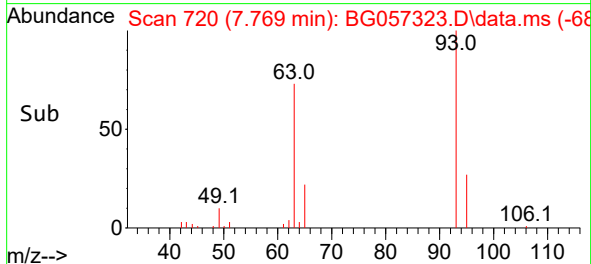
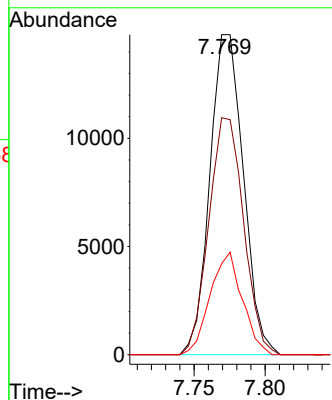
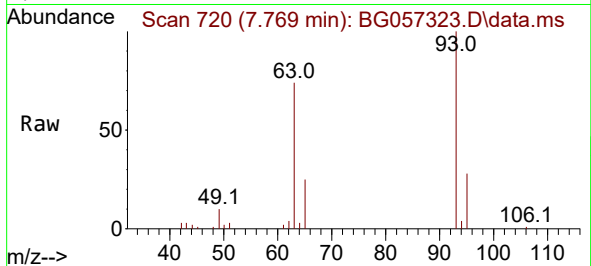




#10
Bis(2-Chloroethyl)ether
Concen: 19.896 ng/ul
RT: 7.769 min Scan# 720
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

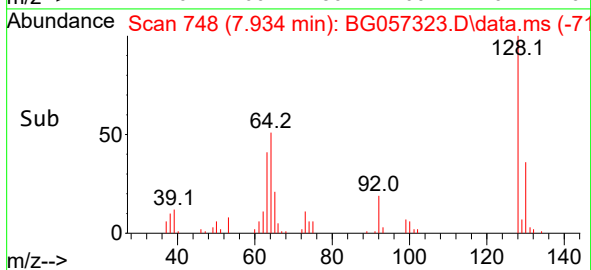
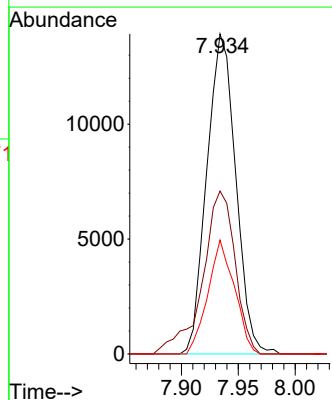
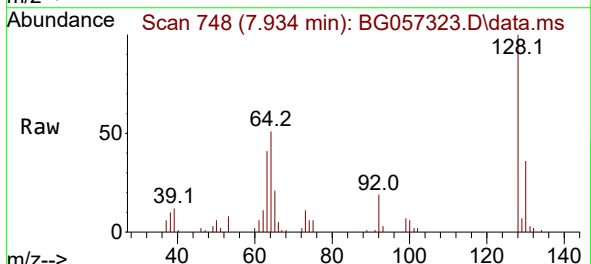
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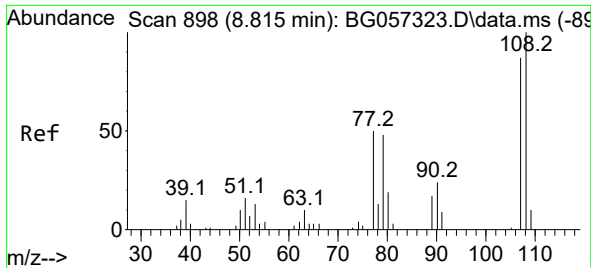
Tgt Ion:	93	Resp:	24282
Ion Ratio	Lower	Upper	
93	100		
63	74.0	67.2	100.8
95	28.5	26.3	39.5



#12
2-Chlorophenol
Concen: 22.042 ng/ul
RT: 7.934 min Scan# 748
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:	128	Resp:	24685
Ion Ratio	Lower	Upper	
128	100		
64	50.9	41.3	61.9
130	35.6	24.6	37.0

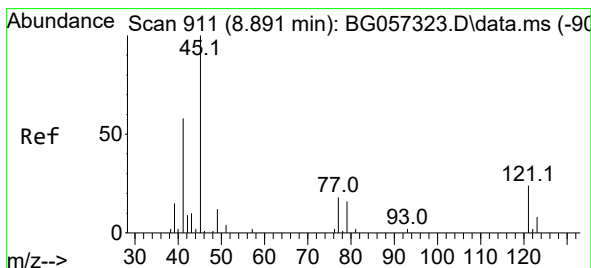
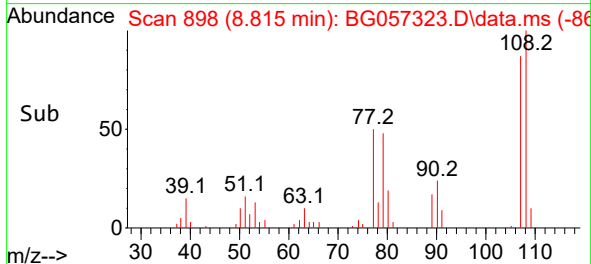
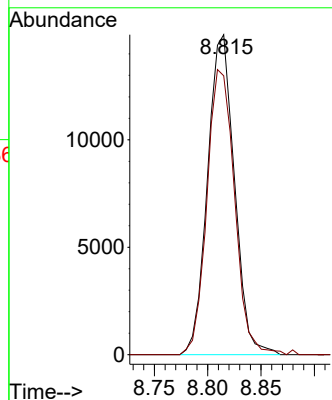
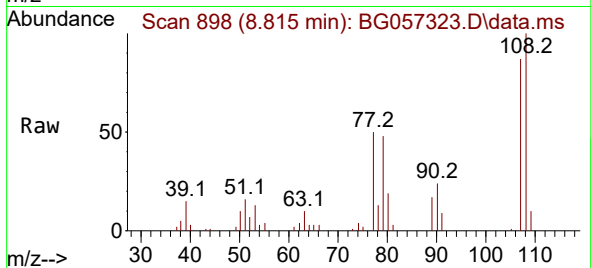




#13
2-Methylphenol
Concen: 20.698 ng/ul
RT: 8.815 min Scan# 898
Delta R.T. 0.000 min
Lab File: BG057323.D
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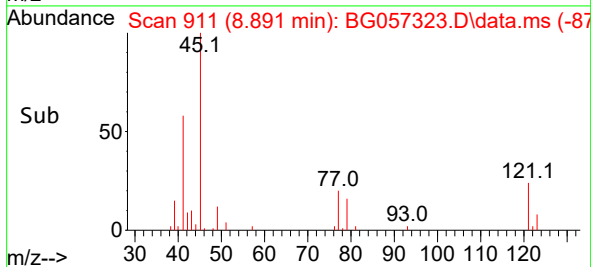
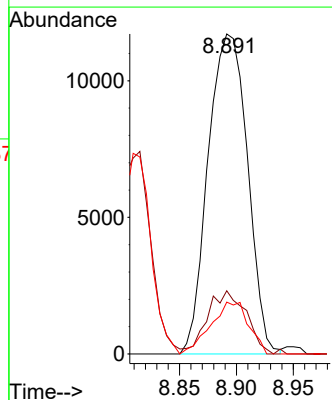
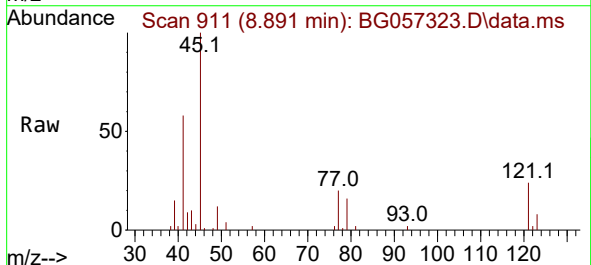
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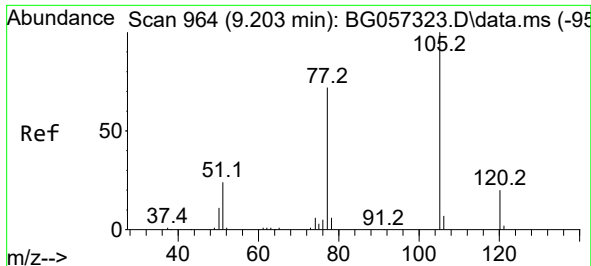
Tgt Ion:108 Resp: 26158
Ion Ratio Lower Upper
108 100
107 87.1 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 17.978 ng/ul
RT: 8.891 min Scan# 911
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion: 45 Resp: 28290
Ion Ratio Lower Upper
45 100
77 19.8 12.9 19.3#
79 16.2 8.9 13.3#

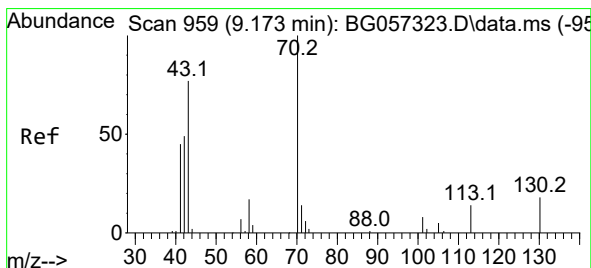
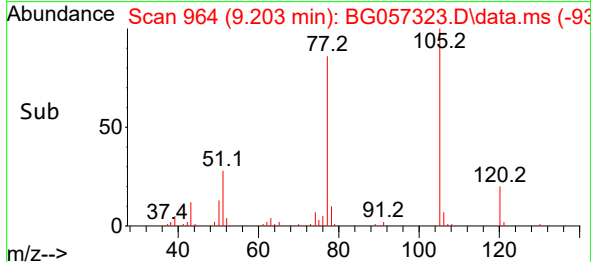
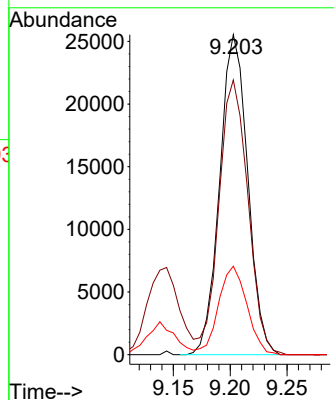
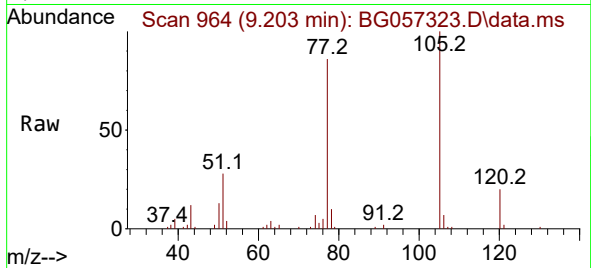




#16
Acetophenone
Concen: 20.690 ng/ul
RT: 9.203 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG057323.D
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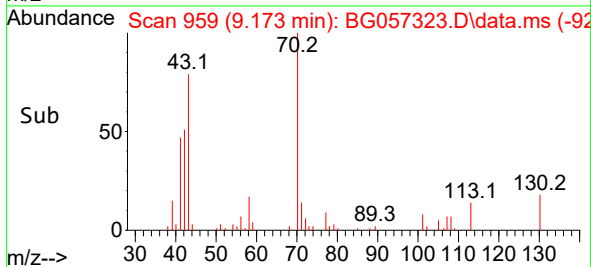
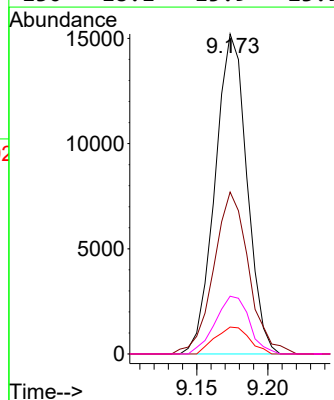
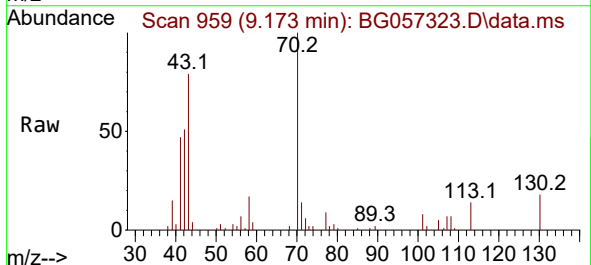
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ClientSampleId :
SSTD020478

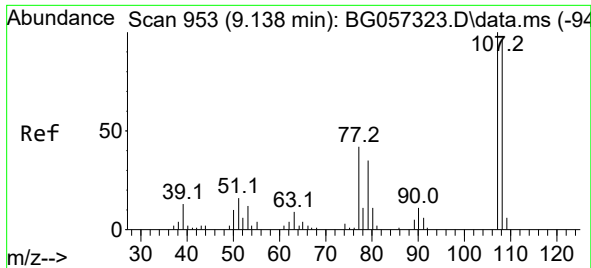
Tgt Ion:105 Resp: 43780
Ion Ratio Lower Upper
105 100
77 85.9 70.6 105.8
51 27.7 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 19.499 ng/ul
RT: 9.173 min Scan# 959
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion: 70 Resp: 23710
Ion Ratio Lower Upper
70 100
42 50.6 45.0 67.4
101 8.4 6.5 9.7
130 18.1 15.9 23.9

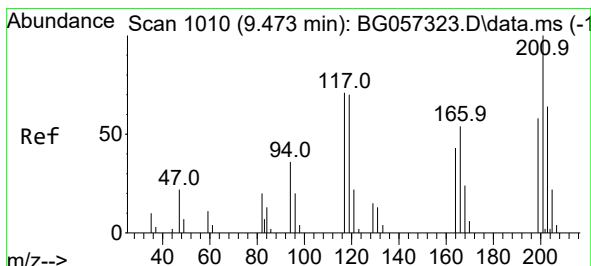
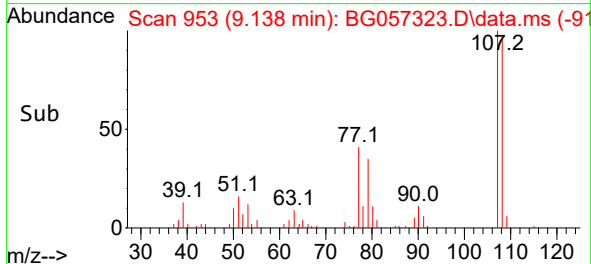
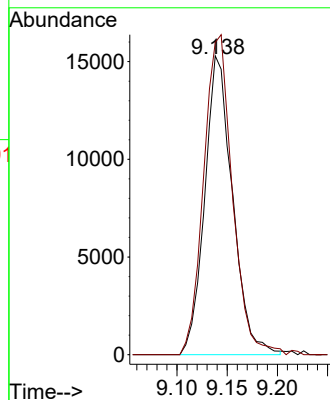
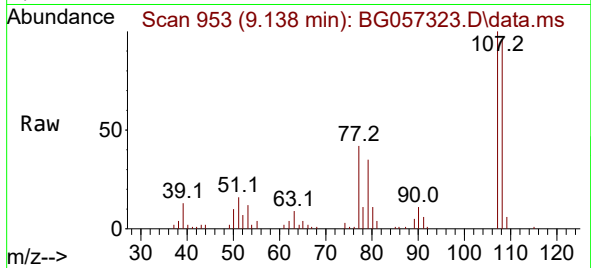




#18
4-Methylphenol
Concen: 21.614 ng/ul
RT: 9.138 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

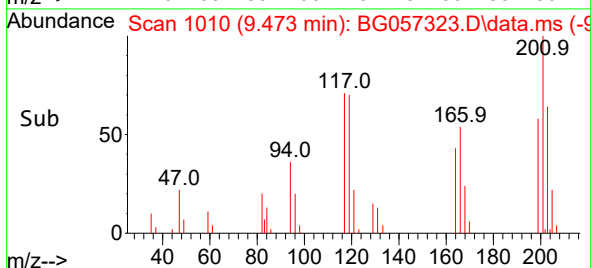
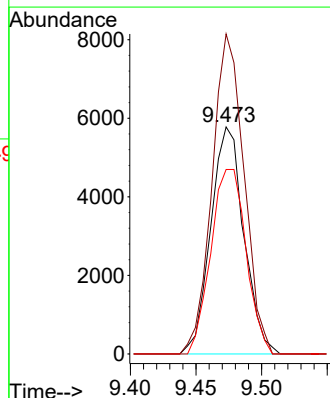
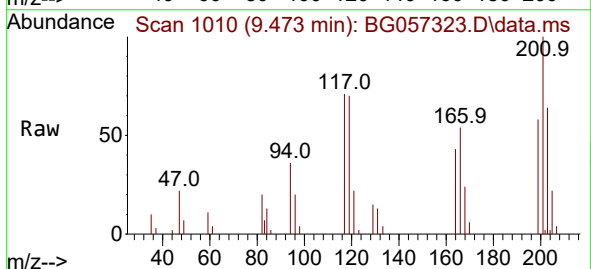
Instrument :
BNA_G
ClientSampleId :
SSTD020478

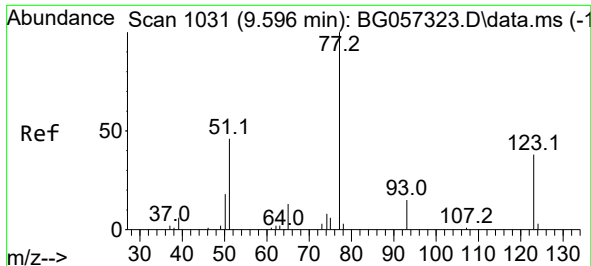
Tgt Ion:108 Resp: 29567
Ion Ratio Lower Upper
108 100
107 104.4 85.1 127.7



#19
Hexachloroethane
Concen: 21.634 ng/ul
RT: 9.473 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:117 Resp: 10137
Ion Ratio Lower Upper
117 100
201 140.9 109.4 164.2
199 81.2 65.4 98.2

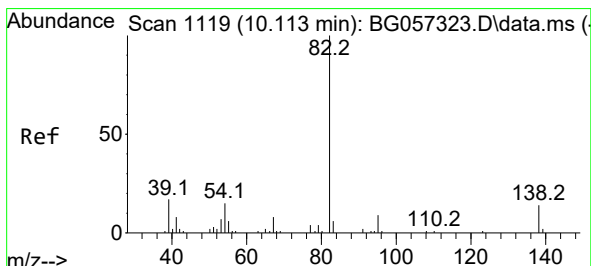
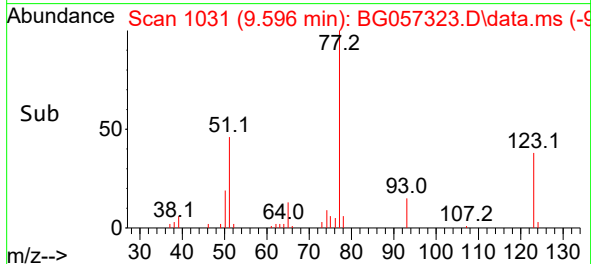
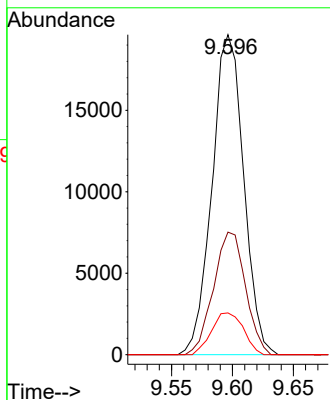
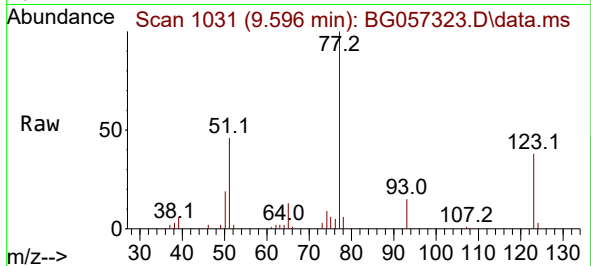




#22
Nitrobenzene
Concen: 20.356 ng/ul
RT: 9.596 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

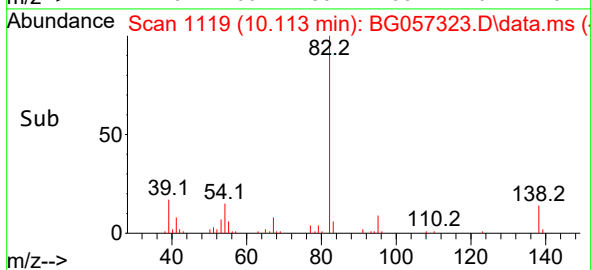
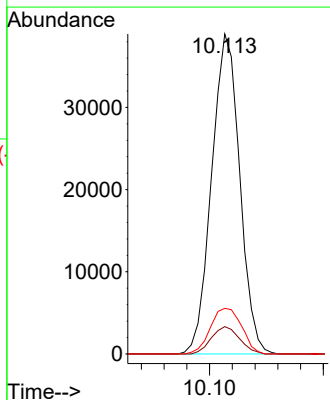
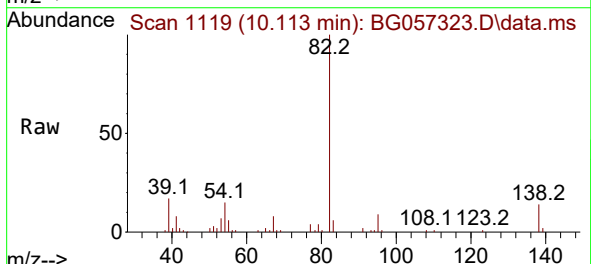
Instrument :
BNA_G
ClientSampleId :
SSTD020478

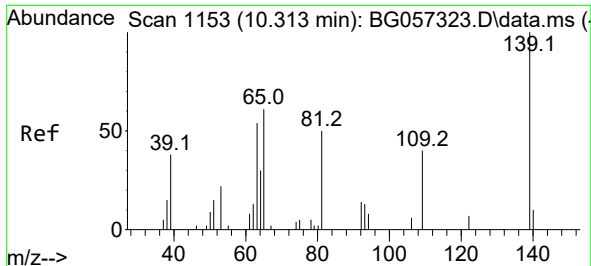
Tgt Ion: 77 Resp: 35452
Ion Ratio Lower Upper
77 100
123 38.3 29.6 44.4
65 13.0 11.4 17.0



#23
Isophorone
Concen: 20.167 ng/ul
RT: 10.113 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion: 82 Resp: 66824
Ion Ratio Lower Upper
82 100
95 8.6 6.8 10.2
138 14.3 12.2 18.2

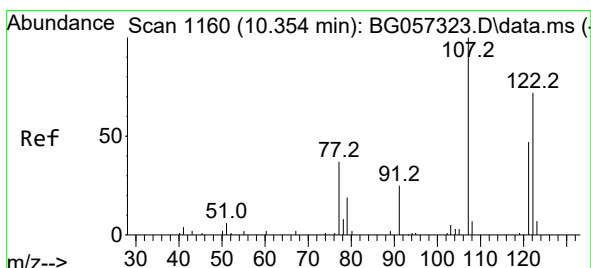
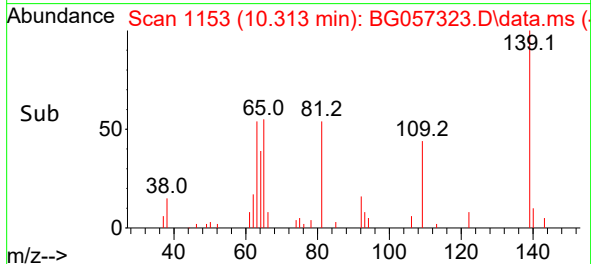
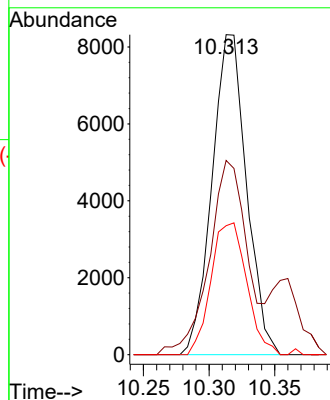
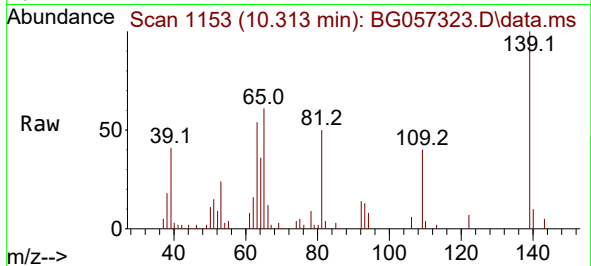




#25
2-Nitrophenol
Concen: 22.030 ng/ul
RT: 10.313 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

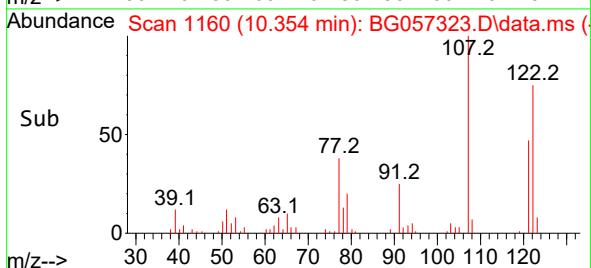
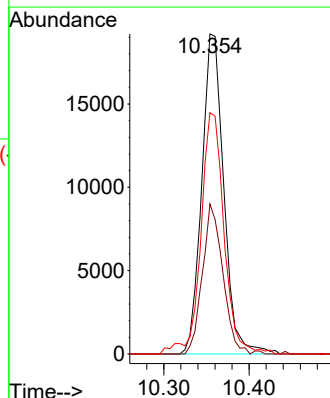
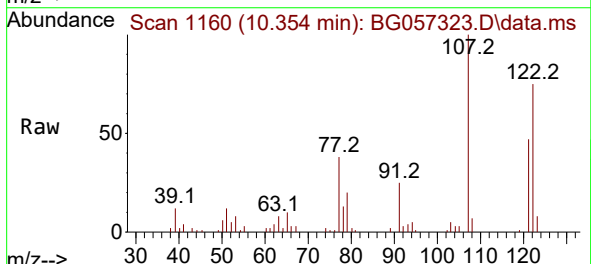
Instrument :
BNA_G
ClientSampleId :
SSTD020478

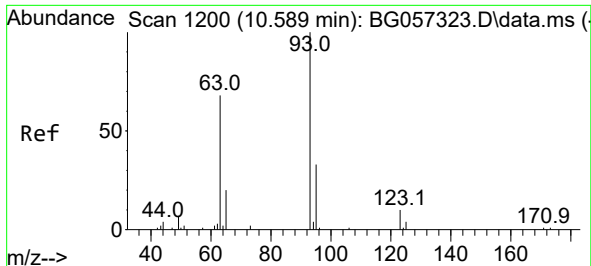
Tgt Ion:139 Resp: 15230
Ion Ratio Lower Upper
139 100
65 60.7 48.7 73.1
109 40.3 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 21.964 ng/ul
RT: 10.354 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:107 Resp: 34447
Ion Ratio Lower Upper
107 100
121 46.8 35.4 53.0
122 75.4 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 20.363 ng/ul

RT: 10.589 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BG057323.D

Acq: 8 May 2023 9:06

Instrument :

BNA_G

ClientSampleId :

SSTD020478

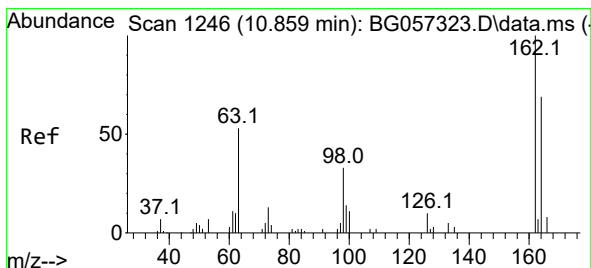
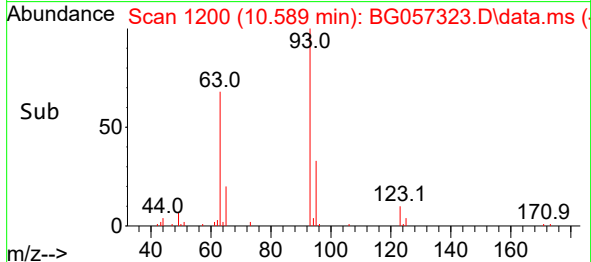
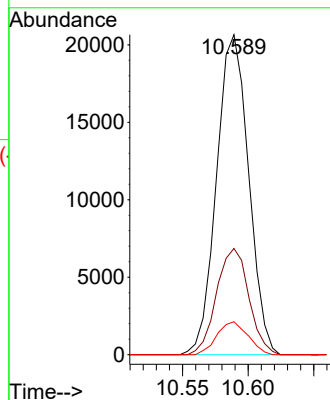
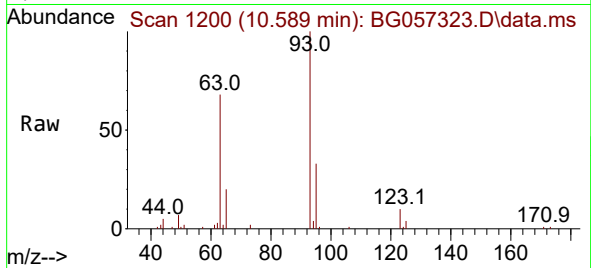
Tgt Ion: 93 Resp: 35074

Ion Ratio Lower Upper

93 100

95 33.2 24.8 37.2

123 10.3 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 23.407 ng/ul

RT: 10.859 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BG057323.D

Acq: 8 May 2023 9:06

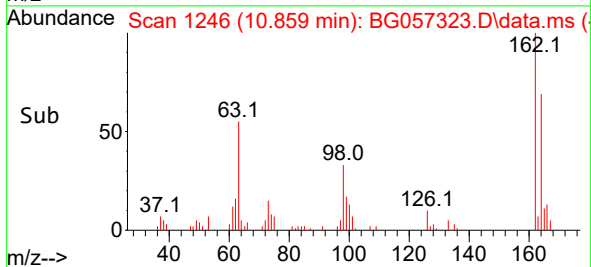
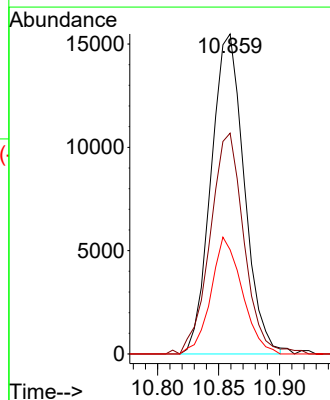
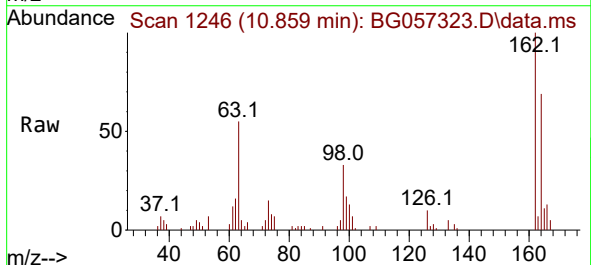
Tgt Ion:162 Resp: 29257

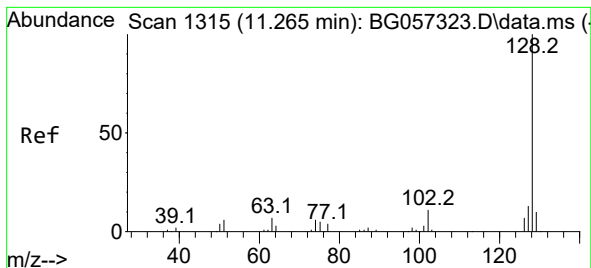
Ion Ratio Lower Upper

162 100

164 69.0 50.5 75.7

98 32.6 27.5 41.3

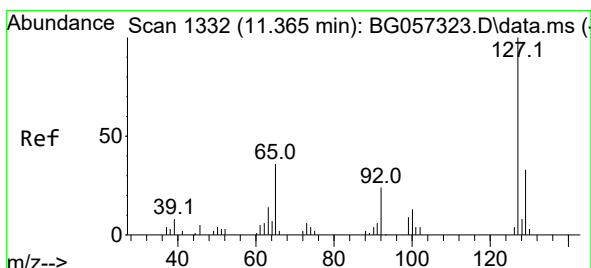
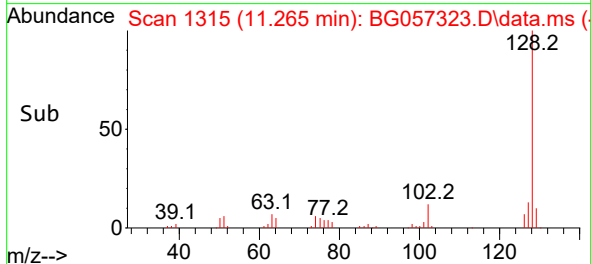
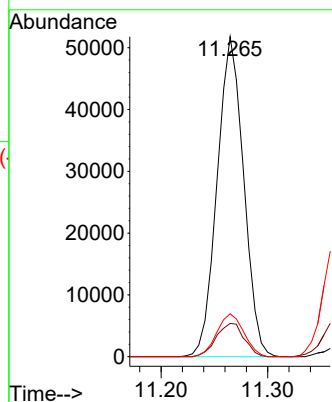
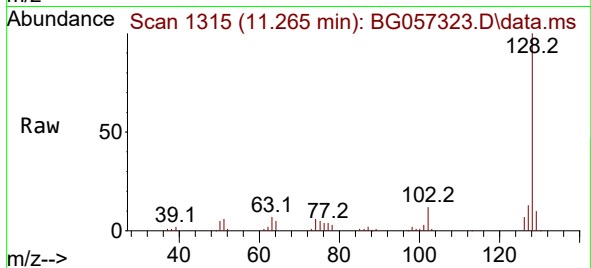




#30
Naphthalene
Concen: 22.134 ng/ul
RT: 11.265 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

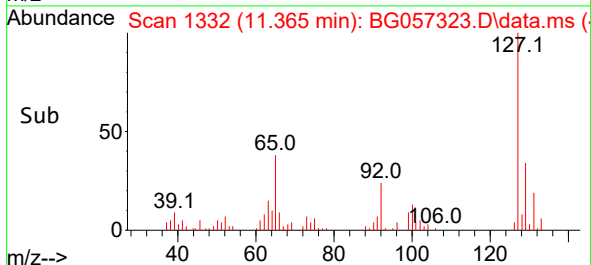
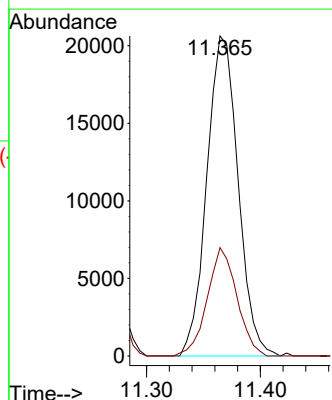
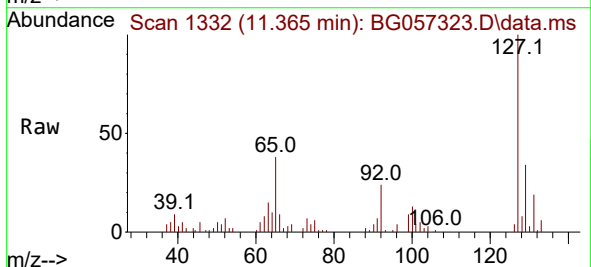
Instrument :
BNA_G
ClientSampleId :
SSTD020478

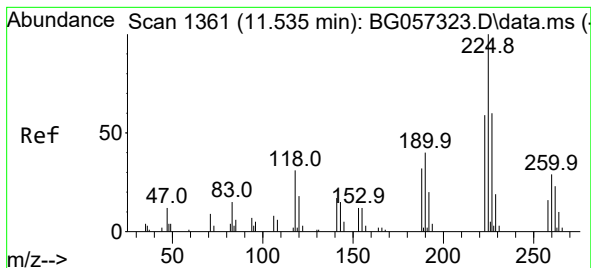
Tgt Ion:128 Resp: 89251
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.4 11.4 17.0



#32
4-Chloroaniline
Concen: 21.703 ng/ul
RT: 11.365 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:127 Resp: 39469
Ion Ratio Lower Upper
127 100
129 33.8 25.4 38.0

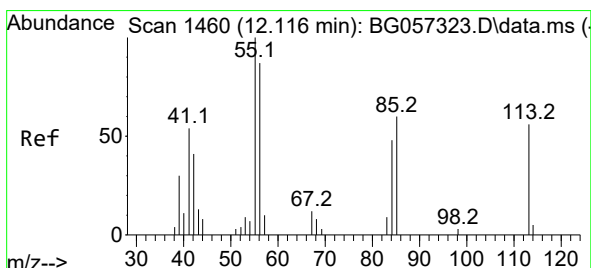
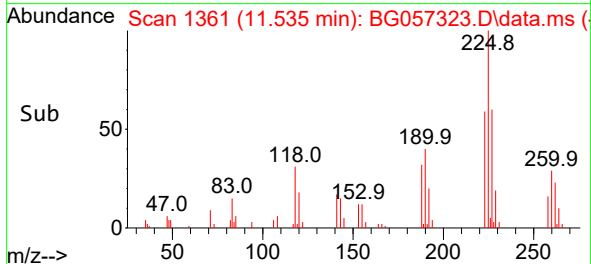
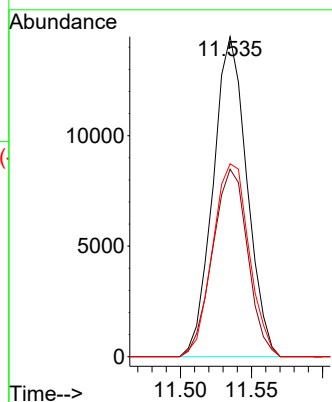
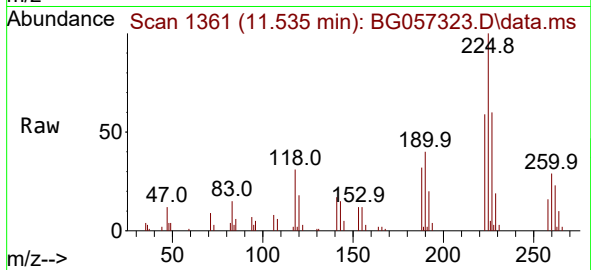




#33
Hexachlorobutadiene
Concen: 22.625 ng/ul
RT: 11.535 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

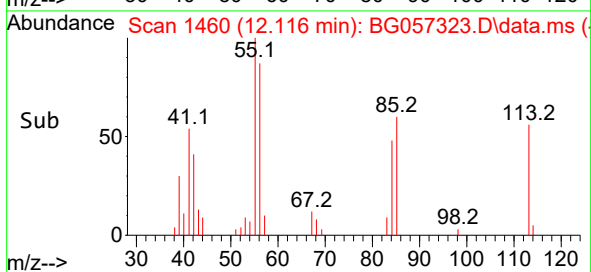
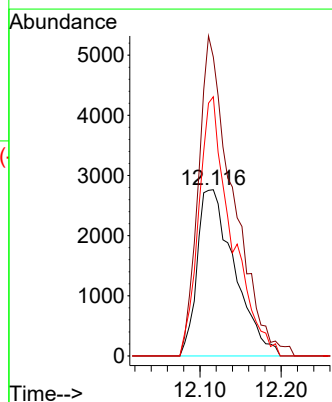
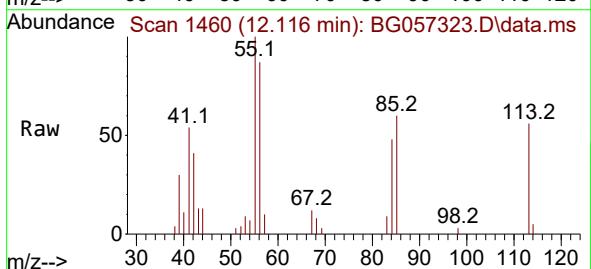
Instrument :
BNA_G
ClientSampleId :
SSTD020478

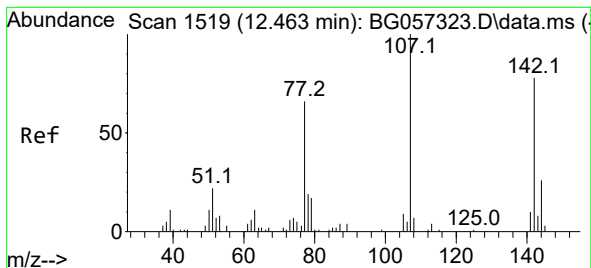
Tgt Ion:225 Resp: 23986
Ion Ratio Lower Upper
225 100
223 58.6 47.5 71.3
227 60.3 48.4 72.6



#34
Caprolactam
Concen: 20.958 ng/ul
RT: 12.116 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:113 Resp: 8819
Ion Ratio Lower Upper
113 100
55 179.9 123.1 184.7
56 155.9 98.7 148.1#

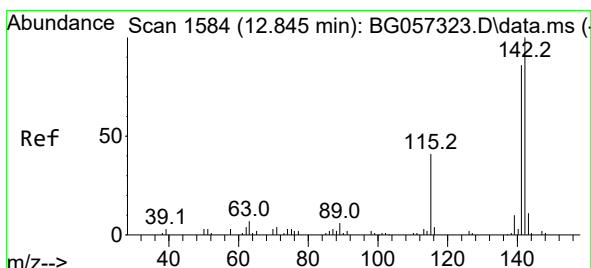
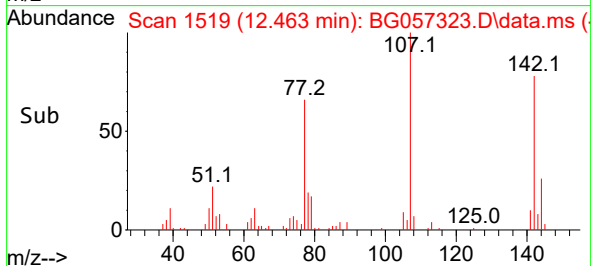
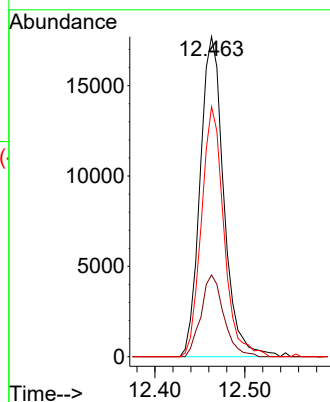
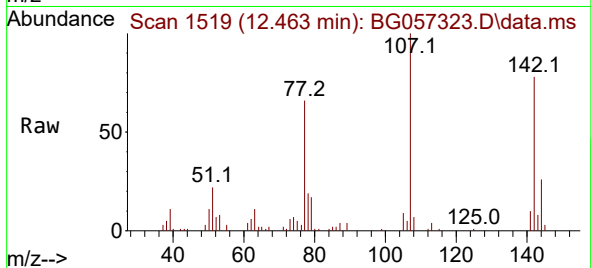




#35
 4-Chloro-3-methylphenol
 Concen: 22.513 ng/ul
 RT: 12.463 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: BG057323.D
 Acq: 8 May 2023 9:06

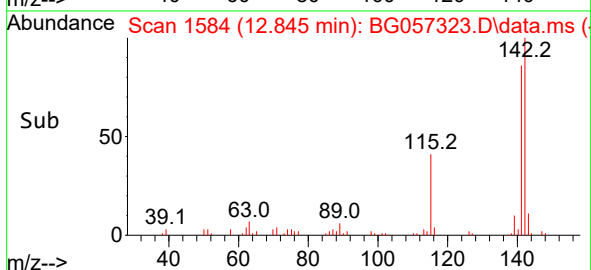
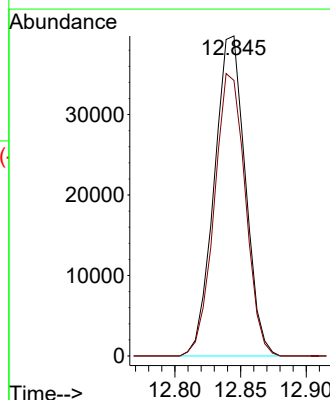
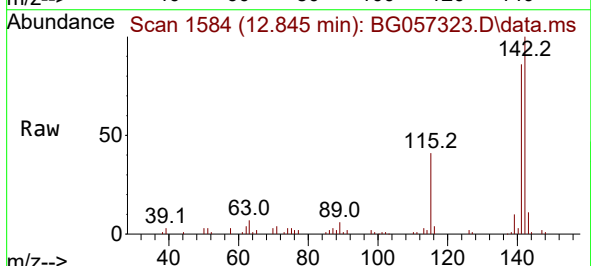
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020478

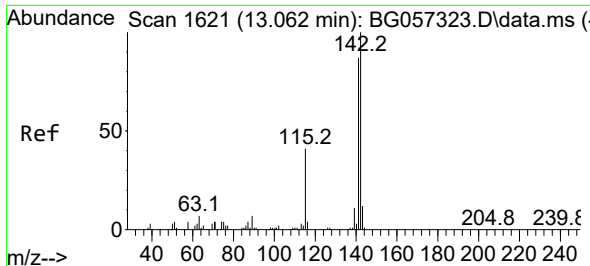
Tgt Ion:	107	Resp:	32378
Ion	Ratio	Lower	Upper
107	100		
144	25.5	18.3	27.5
142	78.1	58.6	88.0



#36
 2-Methylnaphthalene
 Concen: 22.182 ng/ul
 RT: 12.845 min Scan# 1584
 Delta R.T. 0.000 min
 Lab File: BG057323.D
 Acq: 8 May 2023 9:06

Tgt Ion:	142	Resp:	65596
Ion	Ratio	Lower	Upper
142	100		
141	86.1	68.7	103.1

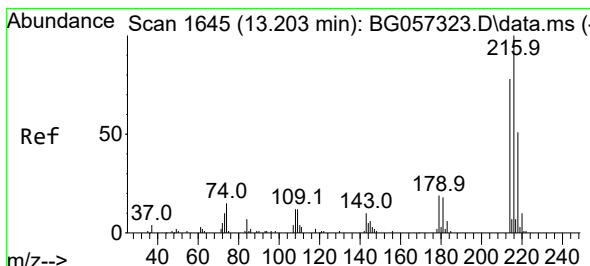
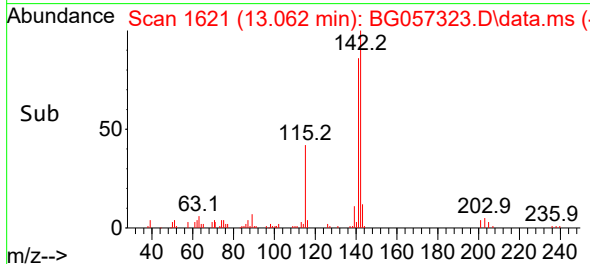
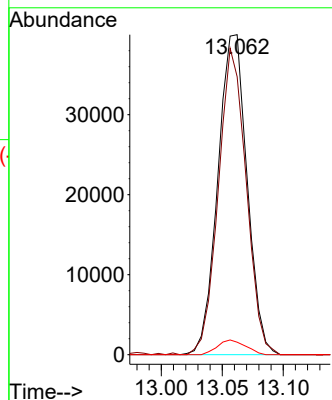
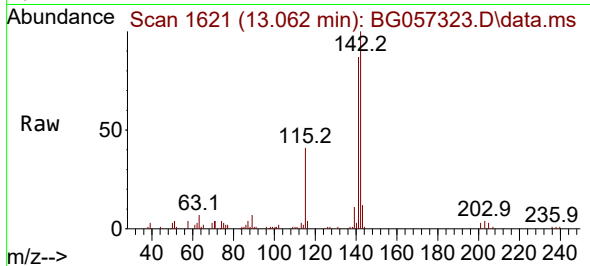




#37
1-Methylnaphthalene
Concen: 22.457 ng/ul
RT: 13.062 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

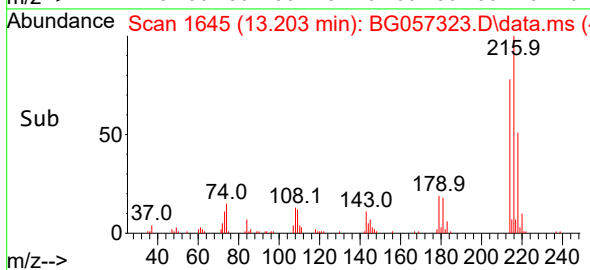
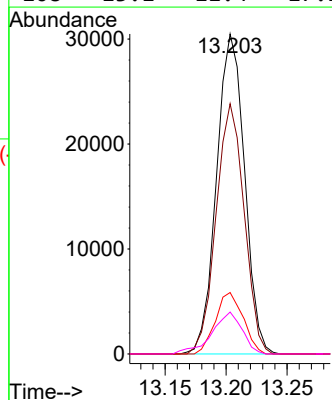
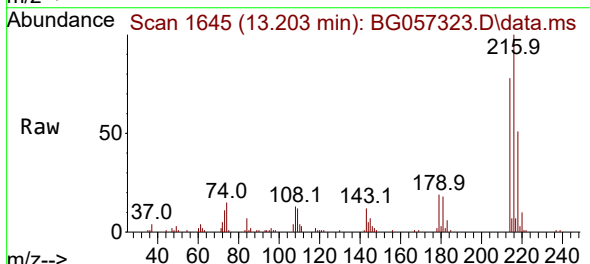
Instrument :
BNA_G
ClientSampleId :
SSTD020478

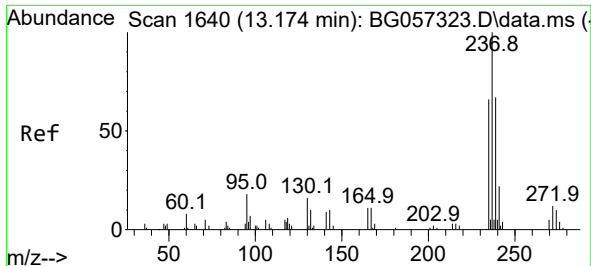
Tgt Ion:142 Resp: 66776
Ion Ratio Lower Upper
142 100
141 86.8 72.9 109.3
116 3.9 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.841 ng/ul
RT: 13.203 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:216 Resp: 48655
Ion Ratio Lower Upper
216 100
214 78.2 62.9 94.3
179 19.2 15.3 22.9
108 13.1 11.4 17.2

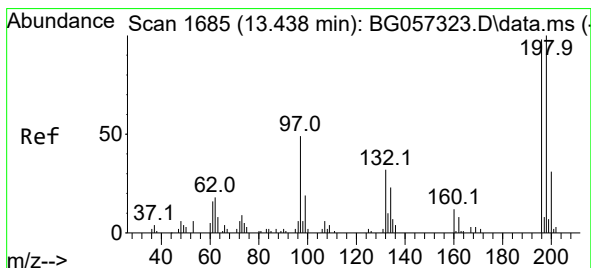
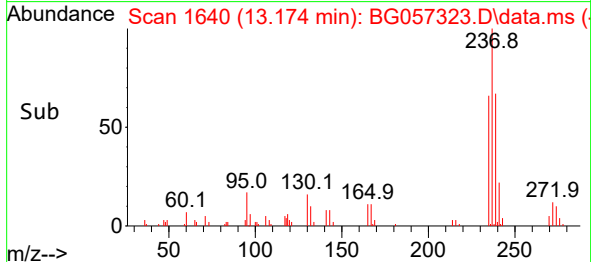
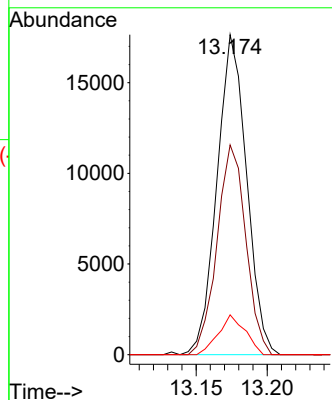
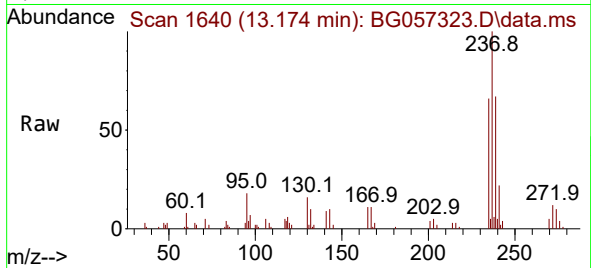




#40
Hexachlorocyclopentadiene
Concen: 24.084 ng/ul
RT: 13.174 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

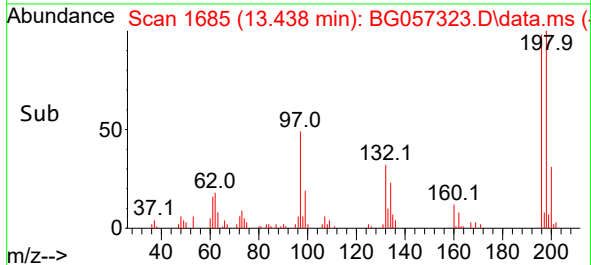
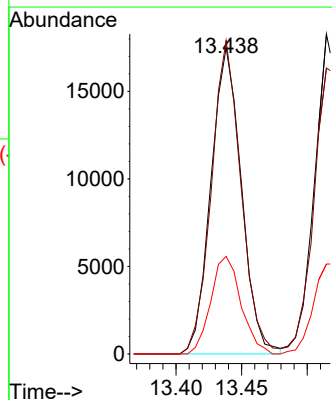
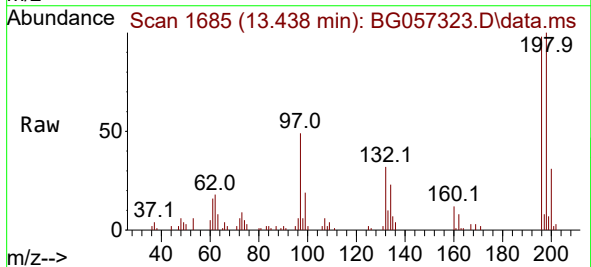
Instrument :
BNA_G
ClientSampleId :
SSTD020478

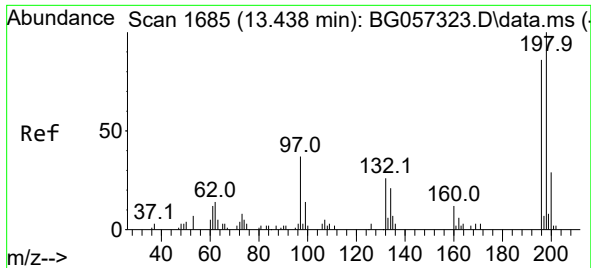
Tgt Ion:237 Resp: 25602
Ion Ratio Lower Upper
237 100
235 65.6 51.4 77.0
272 12.5 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 22.733 ng/ul
RT: 13.438 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:196 Resp: 28203
Ion Ratio Lower Upper
196 100
198 102.3 83.8 125.8
200 31.9 26.6 40.0

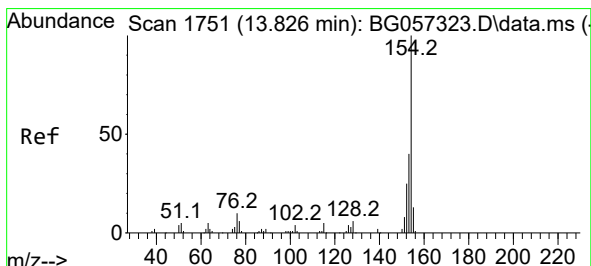
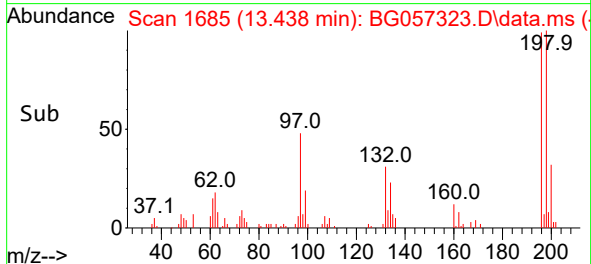
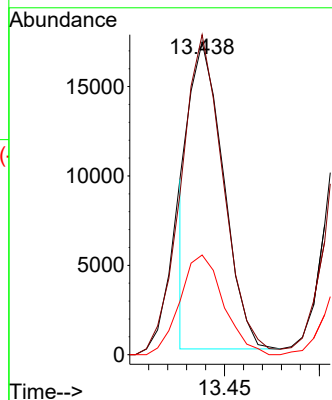
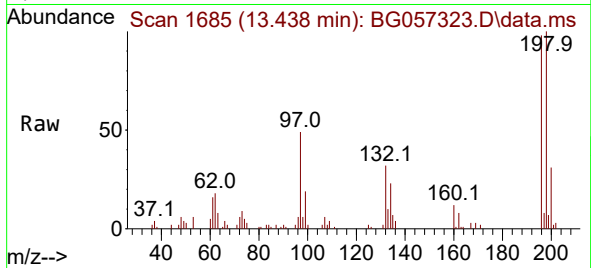




#42
2,4,5-Trichlorophenol
Concen: 16.171 ng/ul
RT: 13.438 min Scan# 1
Delta R.T. -0.076 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

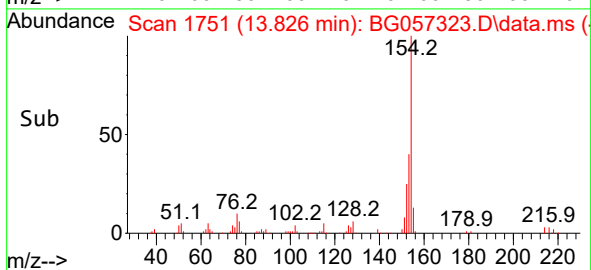
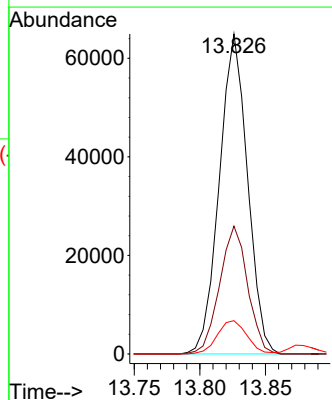
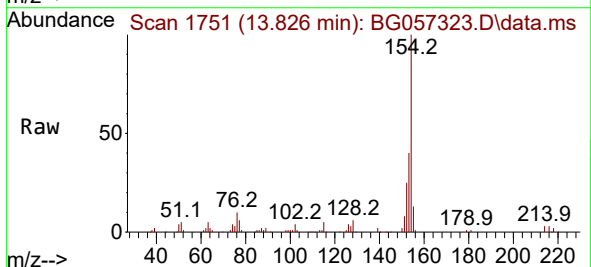
Instrument :
BNA_G
ClientSampleId :
SSTD020478

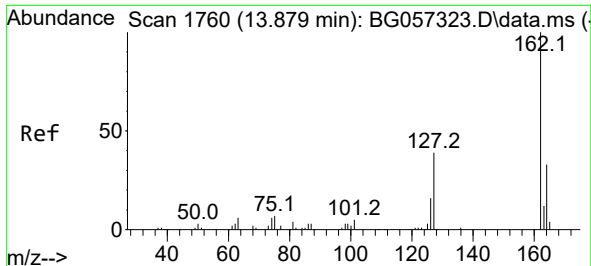
Tgt Ion:196 Resp: 21540
Ion Ratio Lower Upper
196 100
198 102.3 85.7 128.5
200 31.9 29.9 44.9



#43
1,1'-Biphenyl
Concen: 21.641 ng/ul
RT: 13.826 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:154 Resp: 96795
Ion Ratio Lower Upper
154 100
153 39.9 31.6 47.4
76 10.4 8.0 12.0

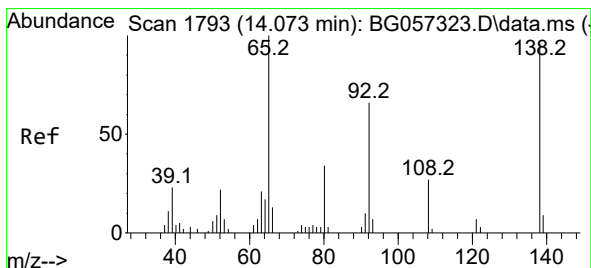
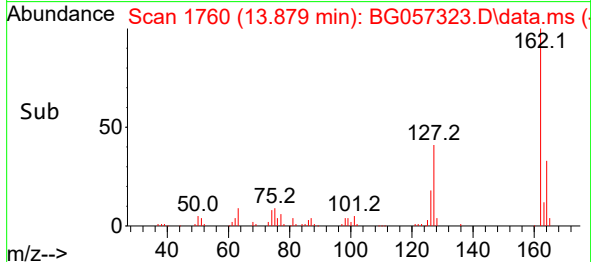
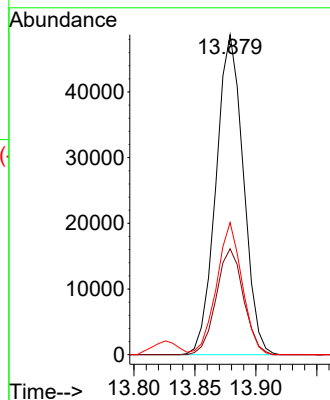
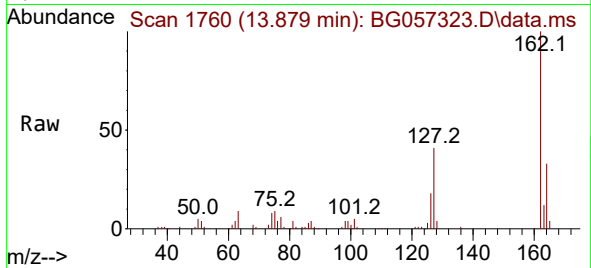




#44
2-Chloronaphthalene
Concen: 21.933 ng/ul
RT: 13.879 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

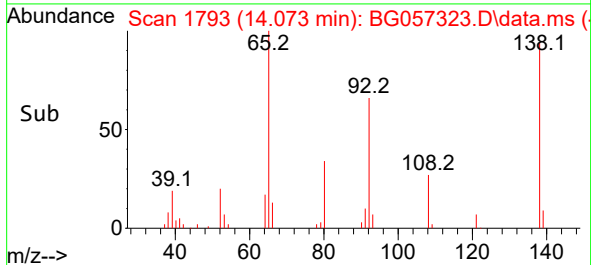
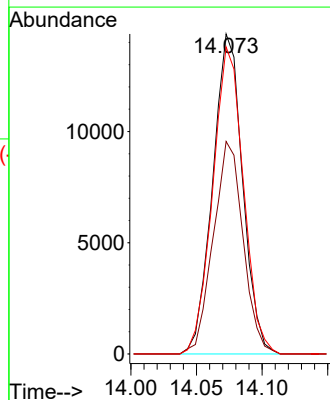
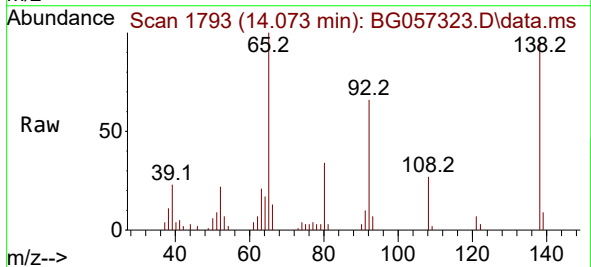
Instrument :
BNA_G
ClientSampleId :
SSTD020478

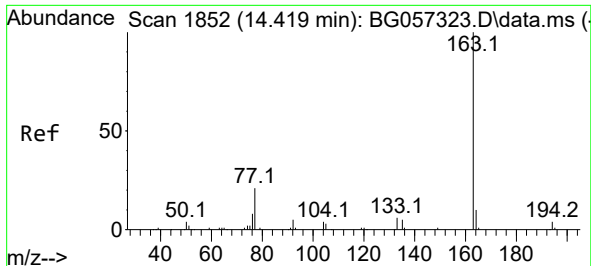
Tgt Ion:162 Resp: 76064
Ion Ratio Lower Upper
162 100
164 33.1 26.2 39.4
127 41.3 29.4 44.2



#45
2-Nitroaniline
Concen: 21.749 ng/ul
RT: 14.073 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion: 65 Resp: 22770
Ion Ratio Lower Upper
65 100
92 66.4 51.8 77.6
138 95.9 71.9 107.9

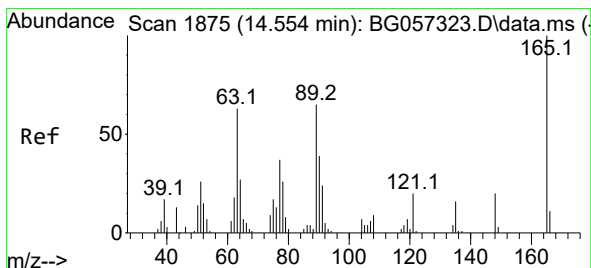
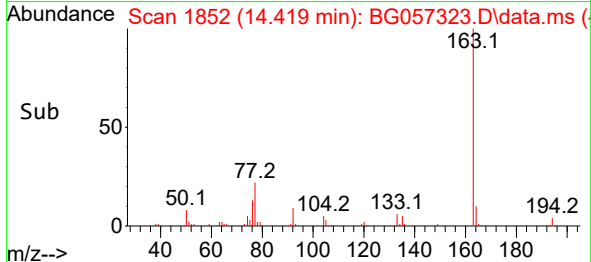
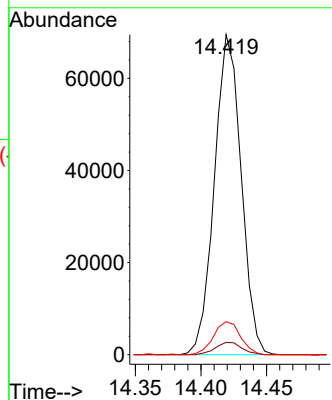
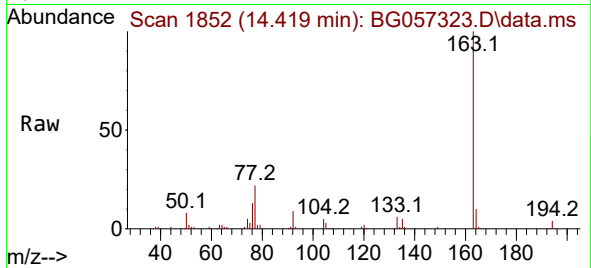




#47
Dimethylphthalate
Concen: 21.117 ng/ul
RT: 14.419 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

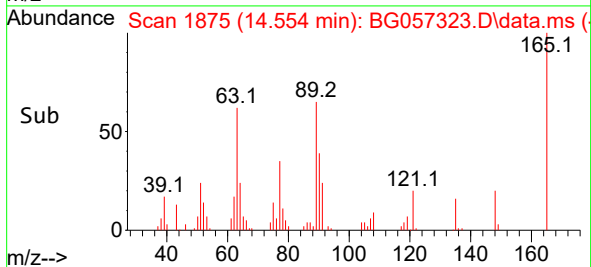
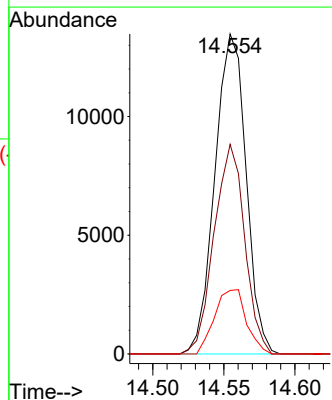
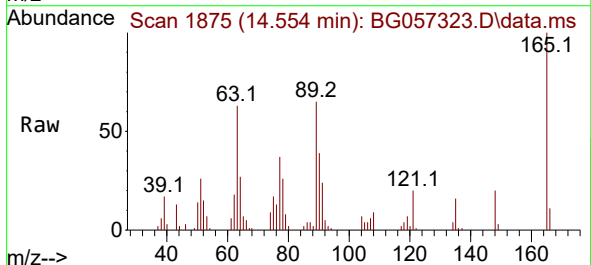
Instrument :
BNA_G
ClientSampleId :
SSTD020478

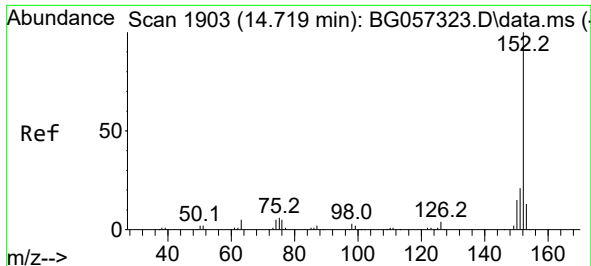
Tgt Ion:163 Resp: 98496
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 21.438 ng/ul
RT: 14.554 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:165 Resp: 20578
Ion Ratio Lower Upper
165 100
89 65.5 50.6 76.0
121 19.9 16.8 25.2

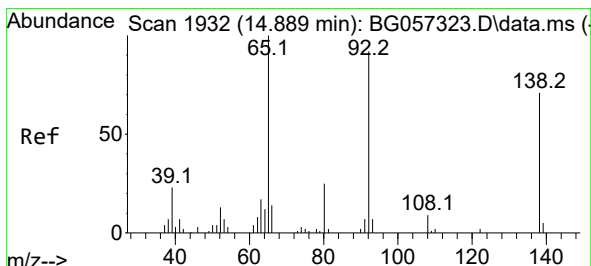
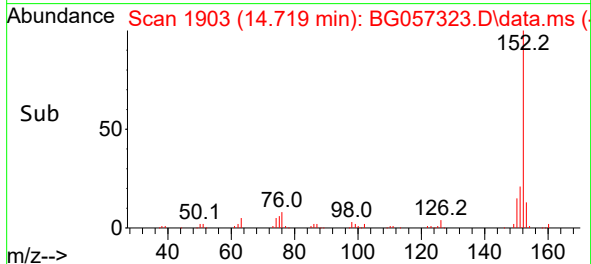
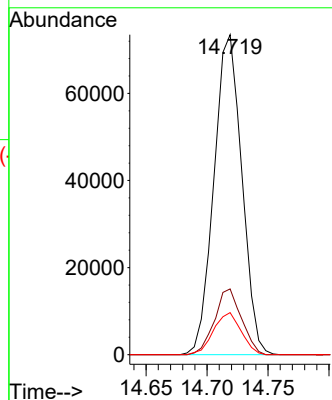
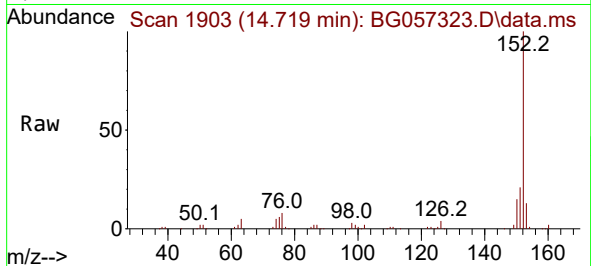




#50
Acenaphthylene
Concen: 22.023 ng/ul
RT: 14.719 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

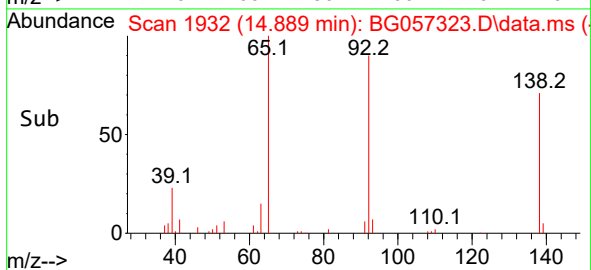
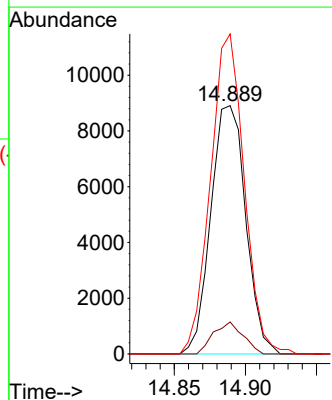
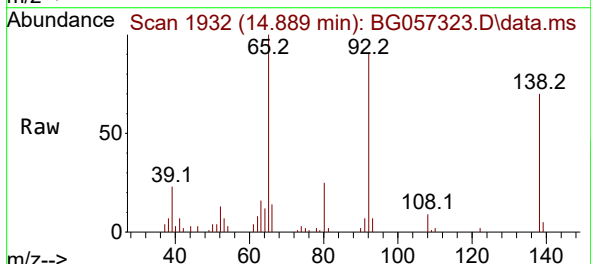
Instrument :
BNA_G
ClientSampleId :
SSTD020478

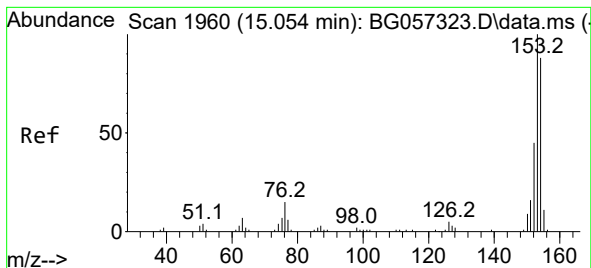
Tgt Ion:152 Resp: 116828
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.2 10.1 15.1



#51
3-Nitroaniline
Concen: 22.371 ng/ul
RT: 14.889 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:138 Resp: 15215
Ion Ratio Lower Upper
138 100
108 12.9 9.2 13.8
92 128.9 99.5 149.3

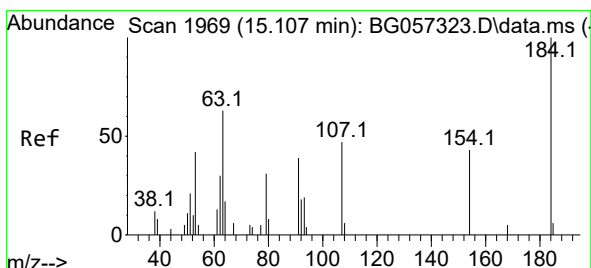
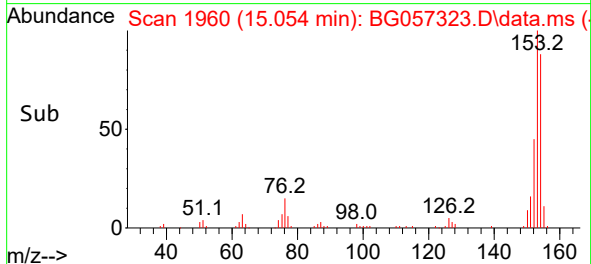
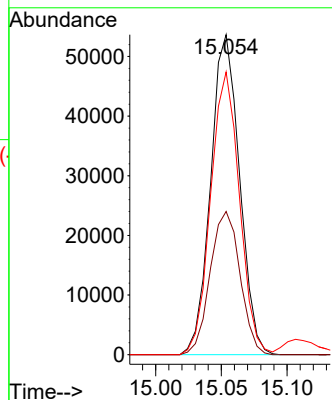
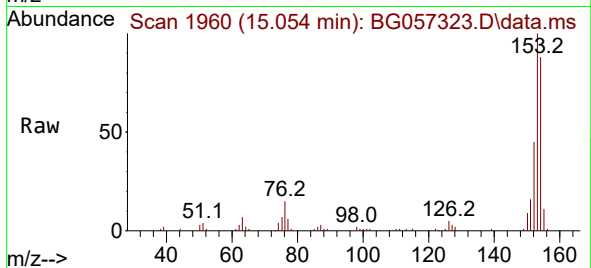




#52
Acenaphthene
Concen: 21.721 ng/ul
RT: 15.054 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

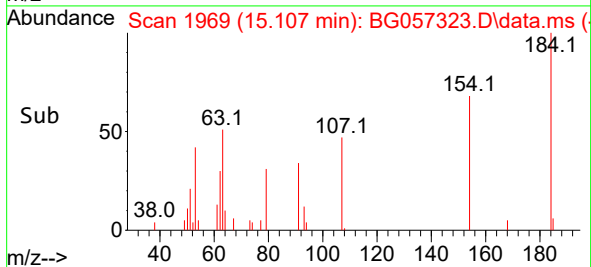
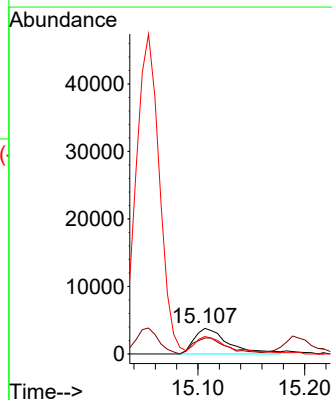
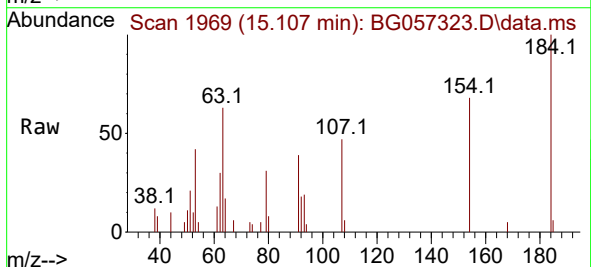
Instrument :
BNA_G
ClientSampleId :
SSTD020478

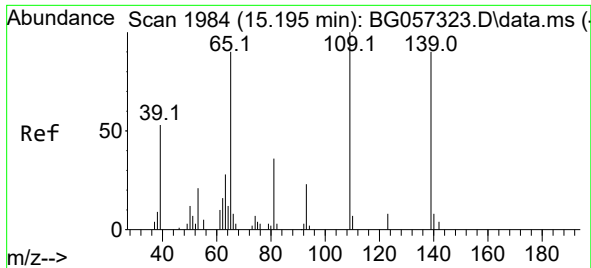
Tgt Ion:153 Resp: 82101
Ion Ratio Lower Upper
153 100
152 44.8 36.5 54.7
154 88.4 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 16.489 ng/ul
RT: 15.107 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:184 Resp: 8429
Ion Ratio Lower Upper
184 100
63 62.7 48.3 72.5
154 68.0 50.0 75.0

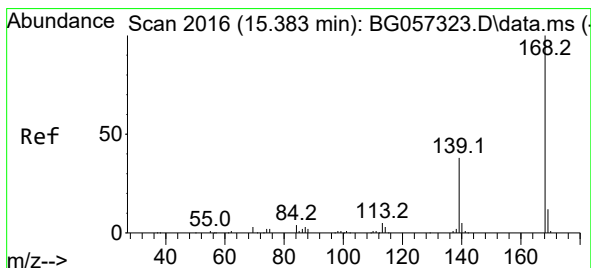
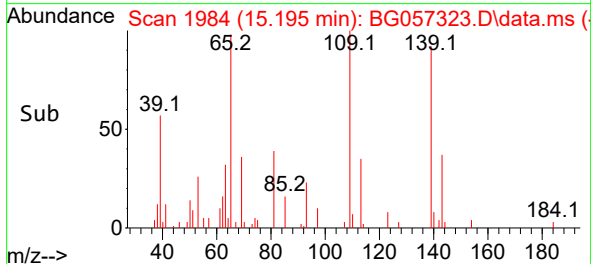
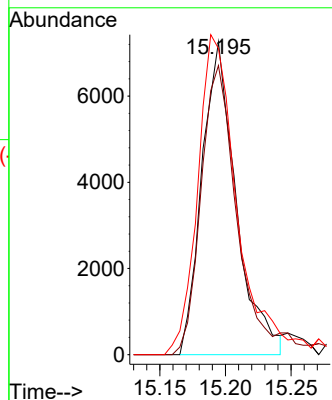
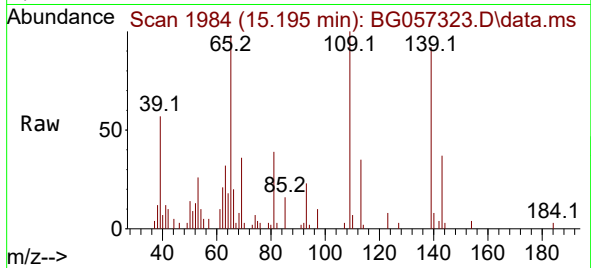




#55
4-Nitrophenol
Concen: 17.213 ng/ul
RT: 15.195 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

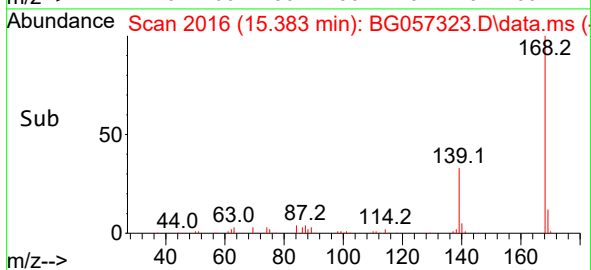
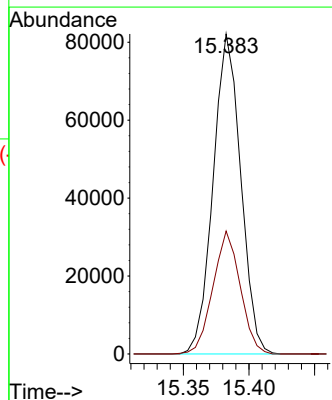
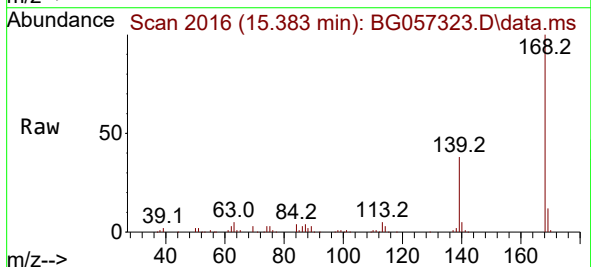
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ClientSampleId :
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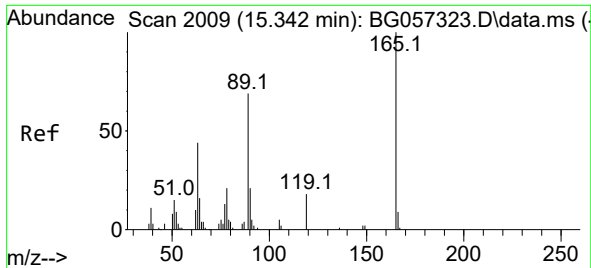
Tgt Ion:109 Resp: 13192
Ion Ratio Lower Upper
109 100
139 92.4 73.8 110.8
65 97.9 81.7 122.5



#56
Dibenzofuran
Concen: 21.984 ng/ul
RT: 15.383 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:168 Resp: 119991
Ion Ratio Lower Upper
168 100
139 38.4 29.6 44.4

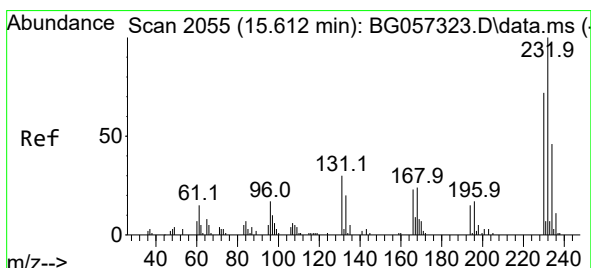
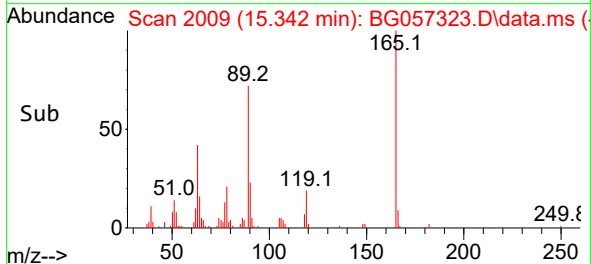
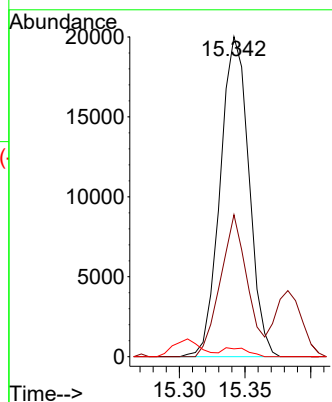
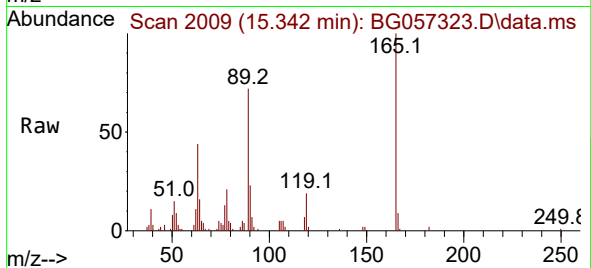




#57
2,4-Dinitrotoluene
Concen: 22.165 ng/ul
RT: 15.342 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

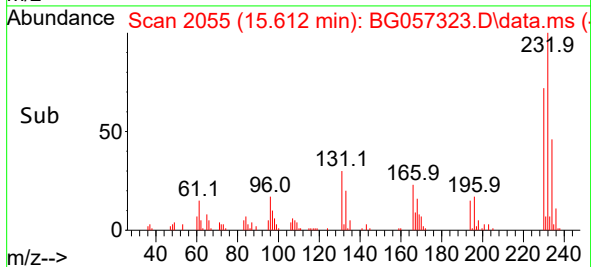
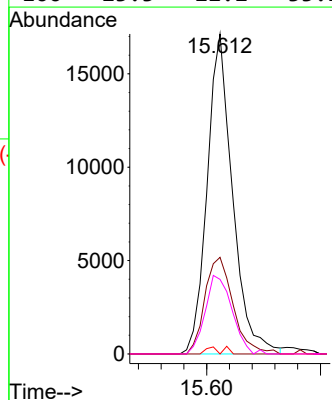
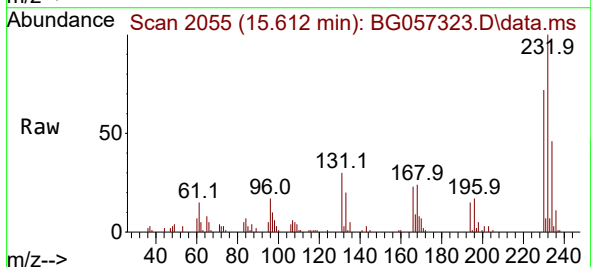
Instrument :
BNA_G
ClientSampleId :
SSTD020478

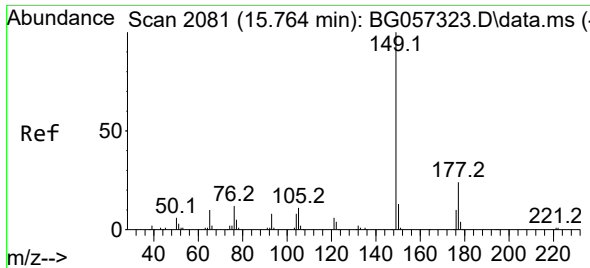
Tgt Ion:165 Resp: 30457
Ion Ratio Lower Upper
165 100
63 44.3 35.9 53.9
182 2.5 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.930 ng/ul
RT: 15.612 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:232 Resp: 26543
Ion Ratio Lower Upper
232 100
131 30.2 28.6 43.0
130 0.0 1.8 2.6#
166 23.3 22.2 33.2

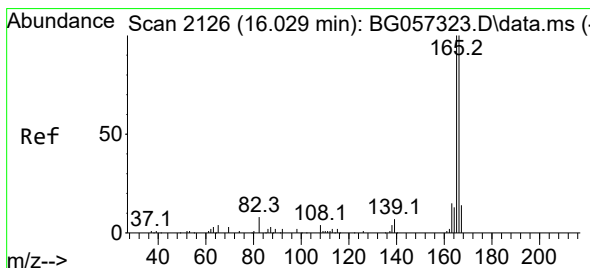
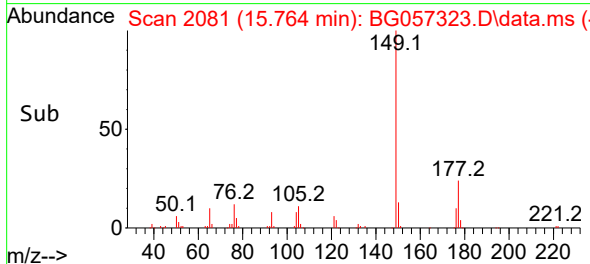
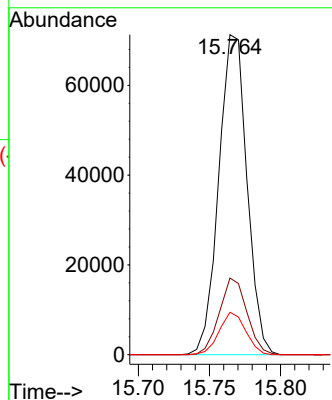
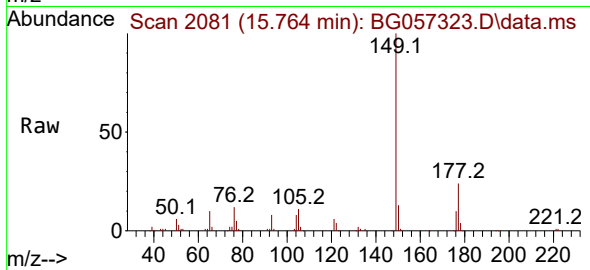




#59
Diethylphthalate
Concen: 20.759 ng/ul
RT: 15.764 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

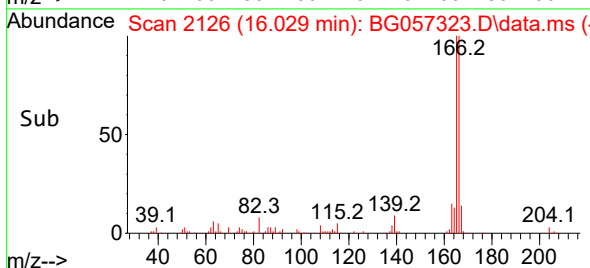
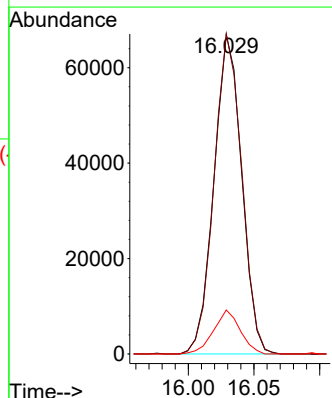
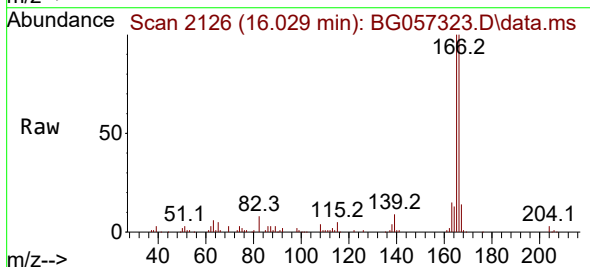
Instrument :
BNA_G
ClientSampleId :
SSTD020478

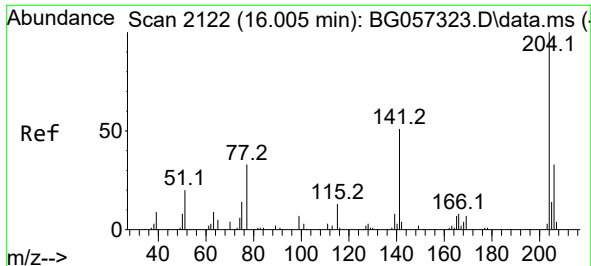
Tgt Ion:149 Resp: 98372
Ion Ratio Lower Upper
149 100
177 24.0 18.6 28.0
150 13.3 9.8 14.8



#61
Fluorene
Concen: 21.283 ng/ul
RT: 16.029 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:166 Resp: 98229
Ion Ratio Lower Upper
166 100
165 100.2 80.1 120.1
167 13.8 10.2 15.4

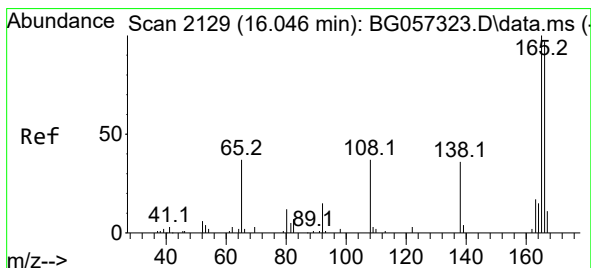
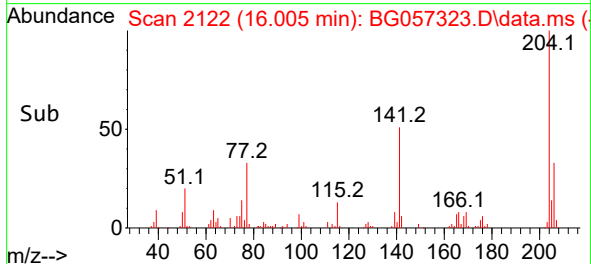
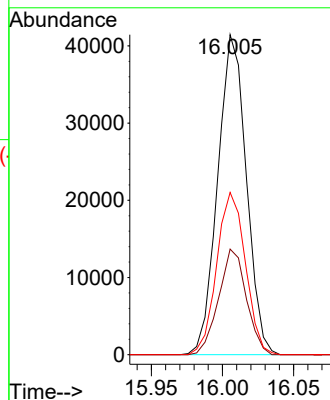
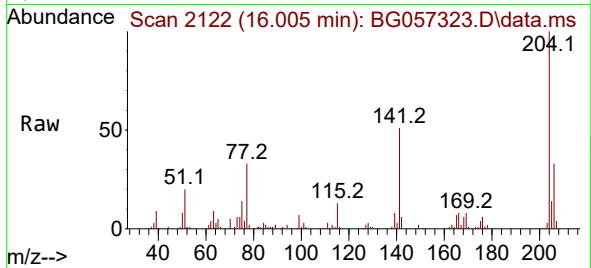




#62
4-Chlorophenyl-phenylether
Concen: 21.529 ng/ul
RT: 16.005 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

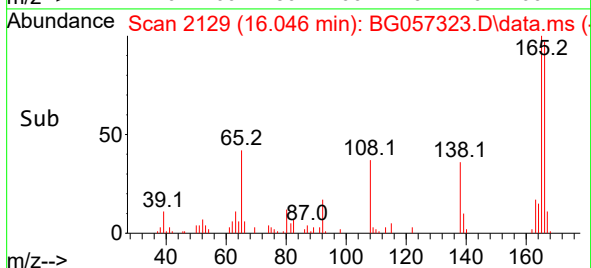
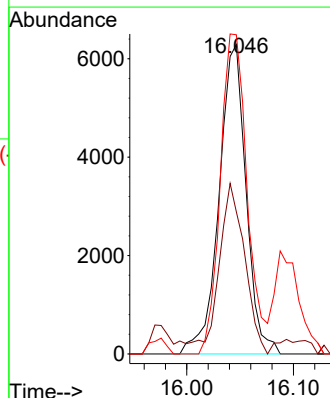
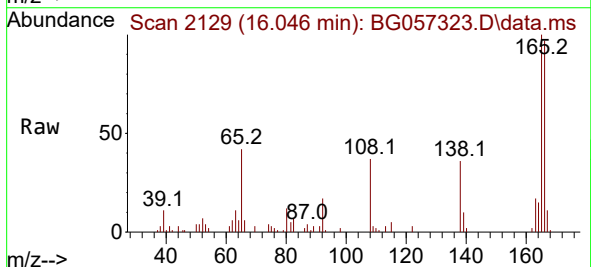
Instrument :
BNA_G
ClientSampleId :
SSTD020478

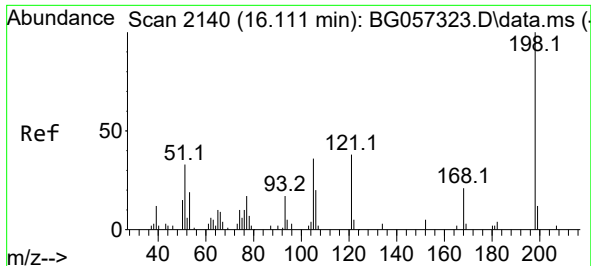
Tgt Ion:204 Resp: 57995
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 50.7 41.5 62.3



#63
4-Nitroaniline
Concen: 17.203 ng/ul
RT: 16.046 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:138 Resp: 11080
Ion Ratio Lower Upper
138 100
92 45.9 39.9 59.9
108 103.2 89.1 133.7

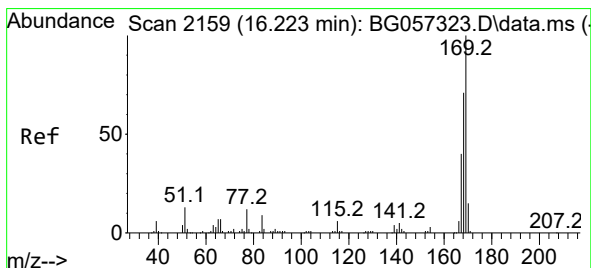
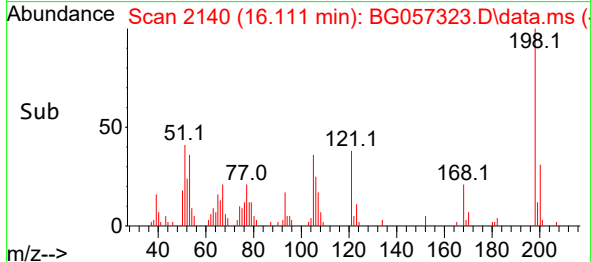
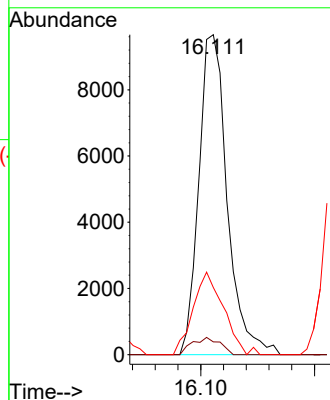
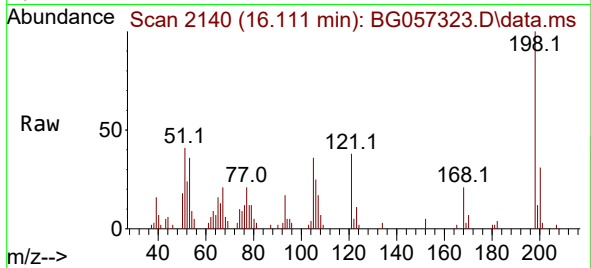




#66
 4,6-Dinitro-2-methylphenol
 Concen: 19.356 ng/ul
 RT: 16.111 min Scan# 2140
 Delta R.T. 0.000 min
 Lab File: BG057323.D
 Acq: 8 May 2023 9:06

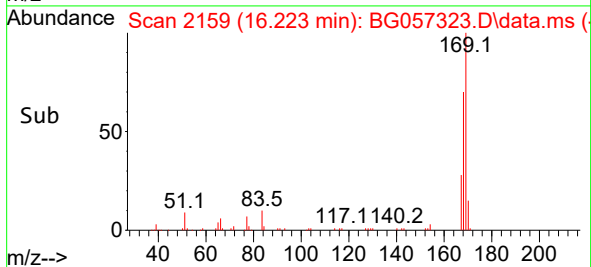
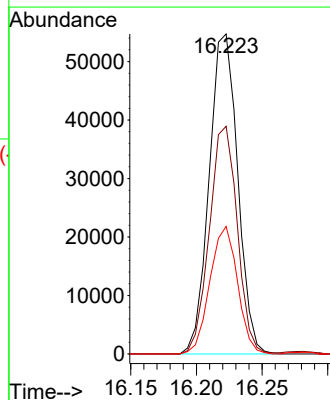
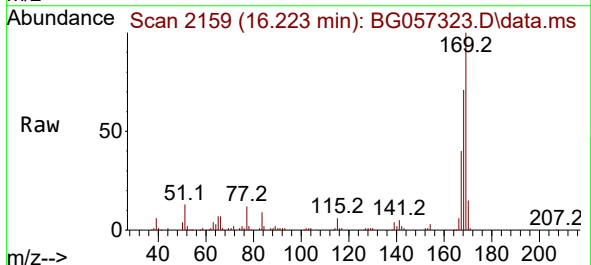
Instrument :
 BNA_G
 ClientSampleId :
 SST020478

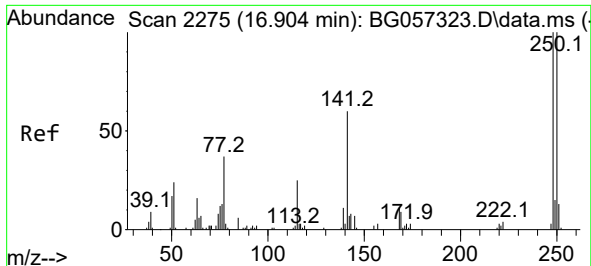
Tgt Ion:198 Resp: 16755
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.0 4.6
 77 21.0 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 22.083 ng/ul
 RT: 16.223 min Scan# 2159
 Delta R.T. 0.000 min
 Lab File: BG057323.D
 Acq: 8 May 2023 9:06

Tgt Ion:169 Resp: 82708
 Ion Ratio Lower Upper
 169 100
 168 71.2 55.4 83.2
 167 39.8 31.0 46.4

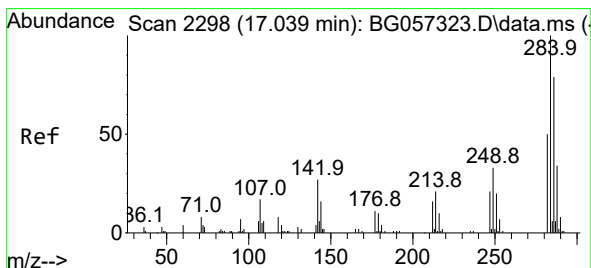
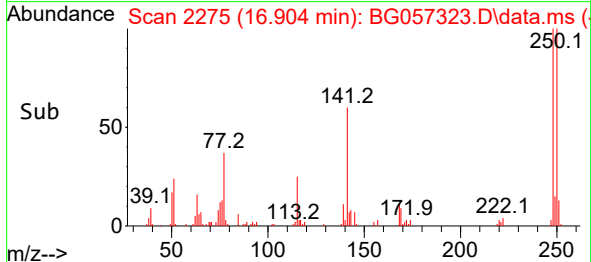
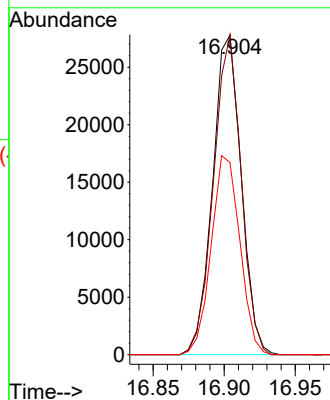
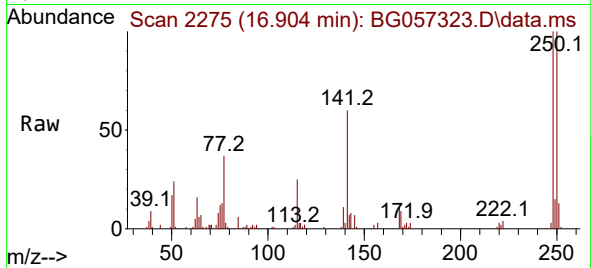




#68
4-Bromophenyl-phenylether
Concen: 22.726 ng/ul
RT: 16.904 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

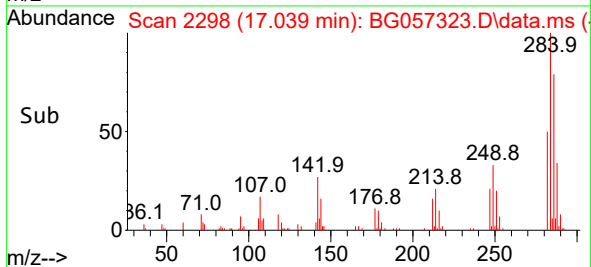
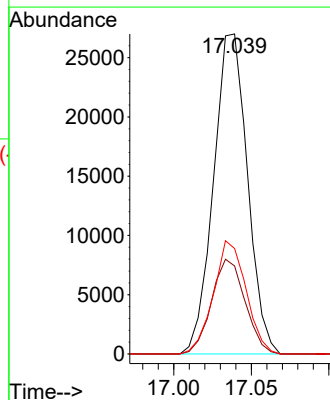
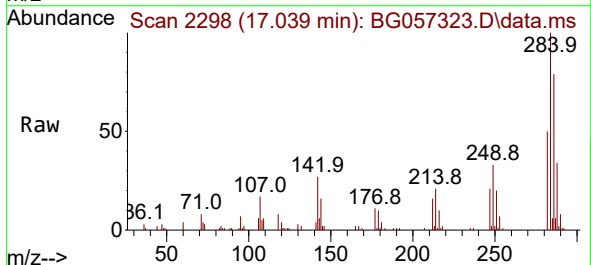
Instrument :
BNA_G
ClientSampleId :
SSTD020478

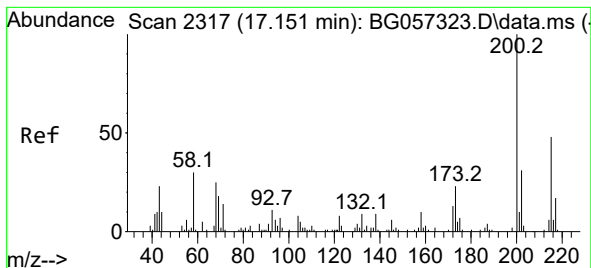
Tgt Ion:248 Resp: 38944
Ion Ratio Lower Upper
248 100
250 100.2 74.8 112.2
141 60.2 47.8 71.6



#69
Hexachlorobenzene
Concen: 22.789 ng/ul
RT: 17.039 min Scan# 2298
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:284 Resp: 41124
Ion Ratio Lower Upper
284 100
142 27.5 22.6 33.8
249 32.9 26.2 39.2





#70

Atrazine

Concen: 22.715 ng/ul

RT: 17.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057323.D

Acq: 8 May 2023 9:06

Instrument :

BNA_G

ClientSampleId :

SSTD020478

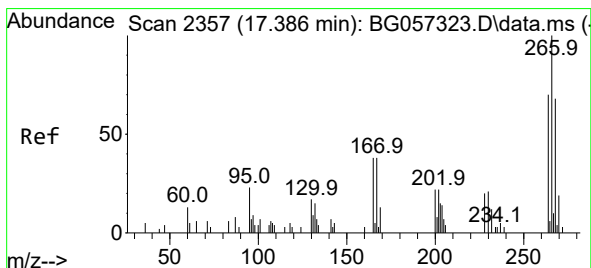
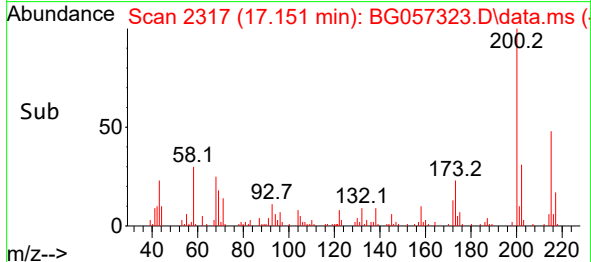
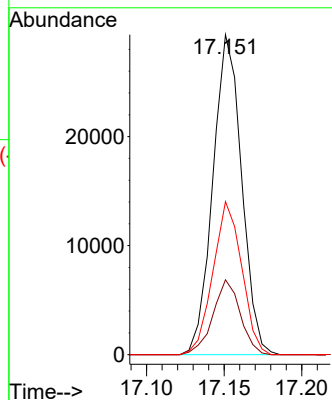
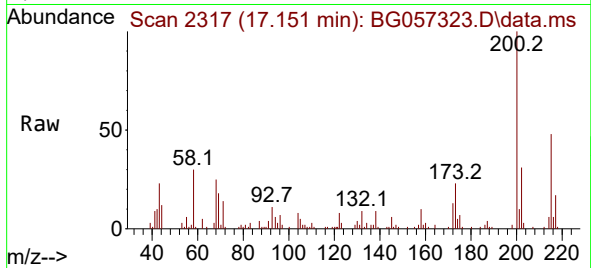
Tgt Ion:200 Resp: 37810

Ion Ratio Lower Upper

200 100

173 23.4 17.8 26.6

215 47.8 40.3 60.5



#71

Pentachlorophenol

Concen: 15.588 ng/ul

RT: 17.386 min Scan# 2357

Delta R.T. 0.000 min

Lab File: BG057323.D

Acq: 8 May 2023 9:06

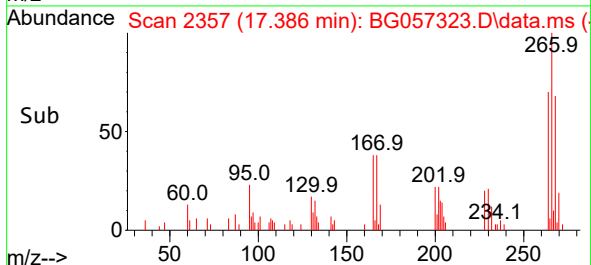
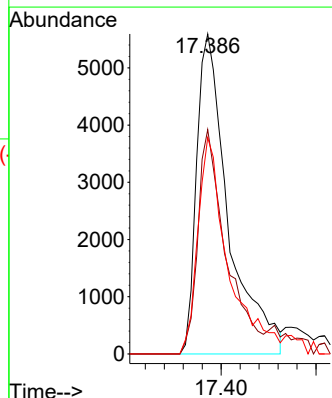
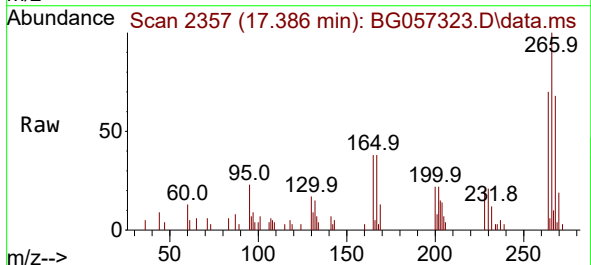
Tgt Ion:266 Resp: 13002

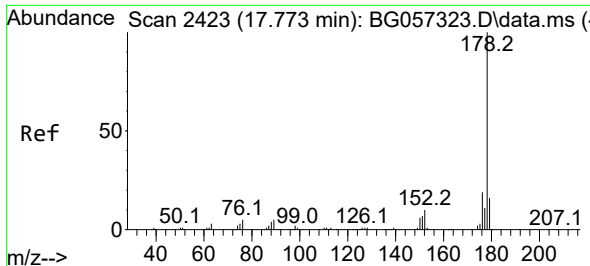
Ion Ratio Lower Upper

266 100

264 70.1 47.8 71.6

268 67.6 48.2 72.4

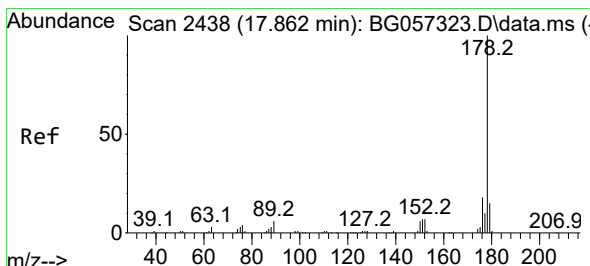
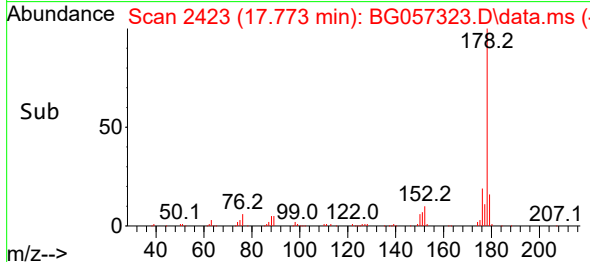
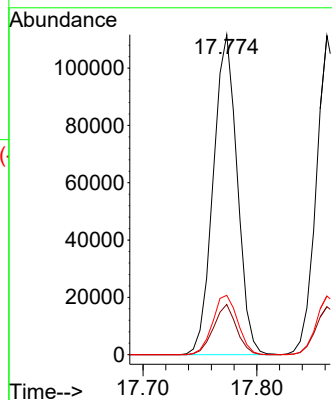
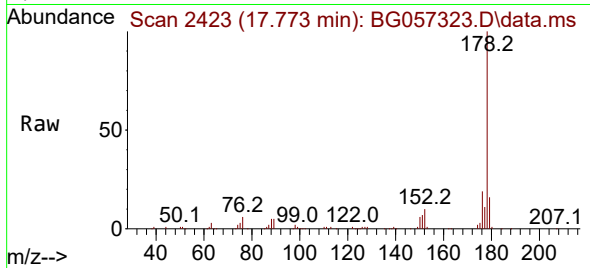




#72
Phenanthrene
Concen: 21.919 ng/ul
RT: 17.773 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

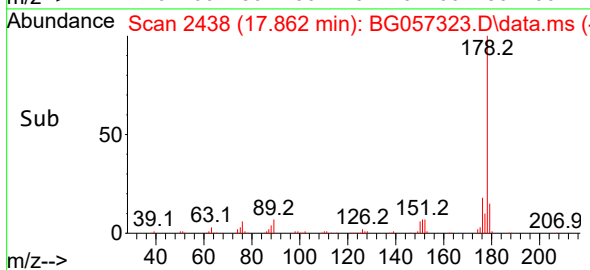
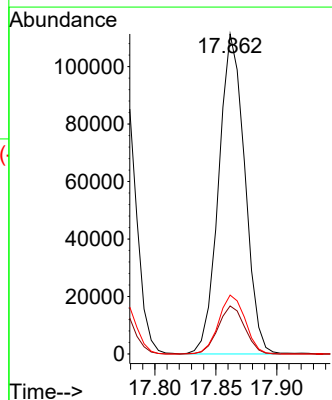
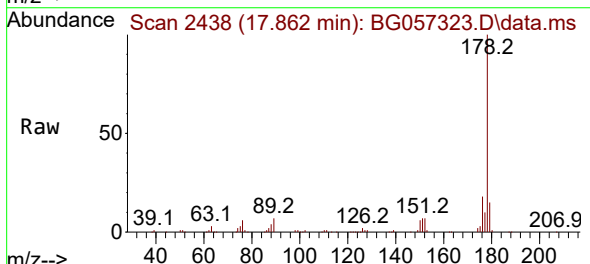
Instrument :
BNA_G
ClientSampleId :
SSTD020478

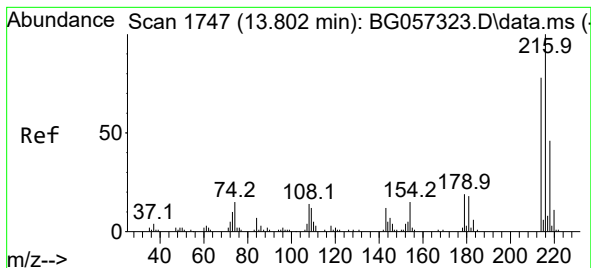
Tgt Ion:178 Resp: 163657
Ion Ratio Lower Upper
178 100
179 15.7 11.8 17.8
176 18.6 15.4 23.0



#74
Anthracene
Concen: 22.101 ng/ul
RT: 17.862 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:178 Resp: 165754
Ion Ratio Lower Upper
178 100
179 15.0 12.5 18.7
176 18.4 14.7 22.1

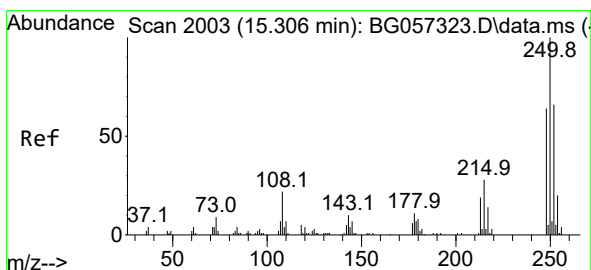
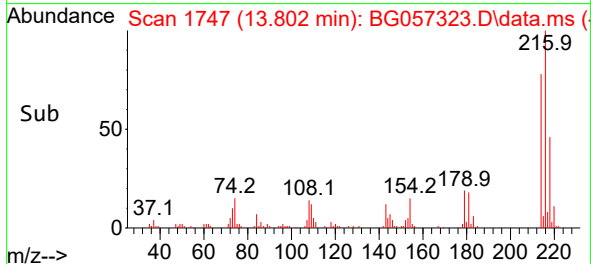
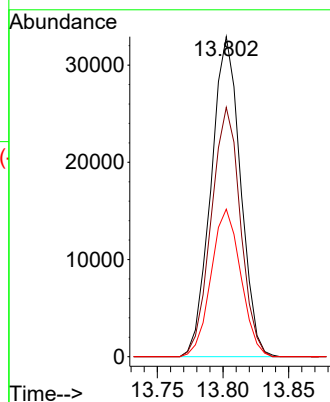
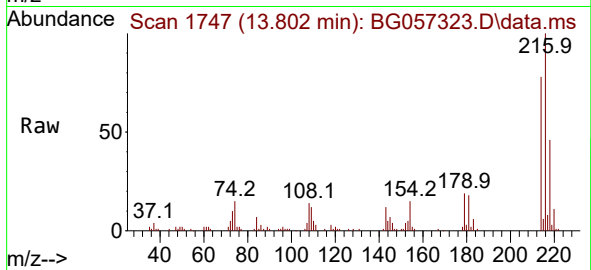




#75
1,2,3,4-Tetrachlorobenzene
Concen: 23.799 ng/uL
RT: 13.802 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

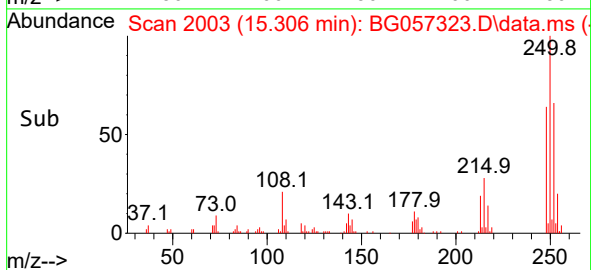
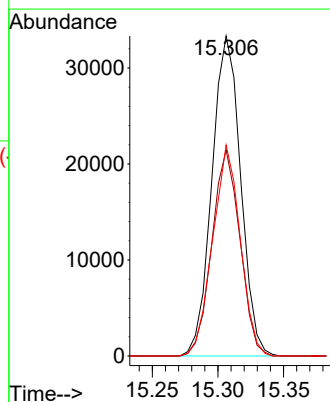
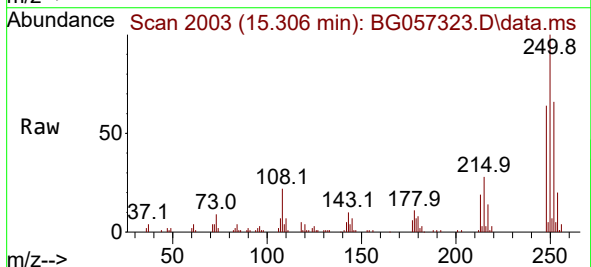
Instrument :
BNA_G
ClientSampleId :
SSTD020478

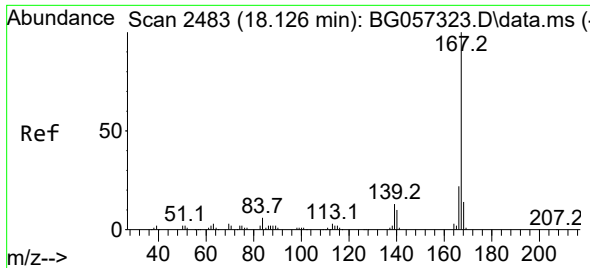
Tgt Ion:216 Resp: 51322
Ion Ratio Lower Upper
216 100
214 77.9 64.3 96.5
218 46.1 38.5 57.7



#76
Pentachlorobenzene
Concen: 23.114 ng/uL
RT: 15.306 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:250 Resp: 50738
Ion Ratio Lower Upper
250 100
248 64.4 52.2 78.2
252 65.9 52.5 78.7

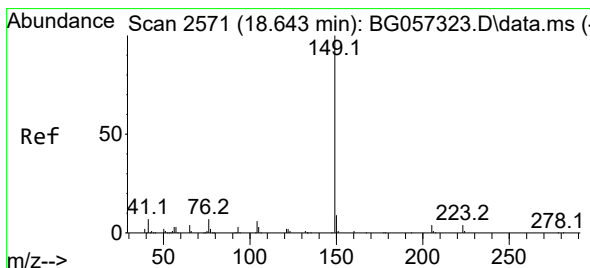
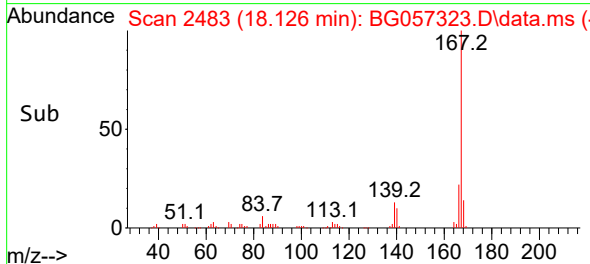
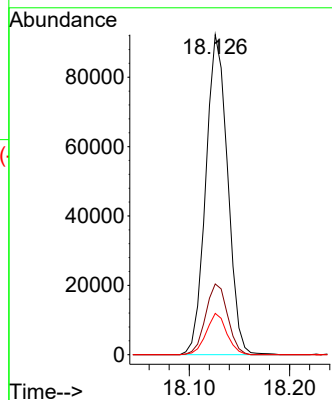
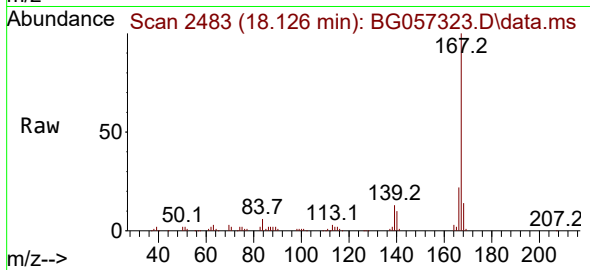




#77
 Carbazole
 Concen: 22.257 ng/ul
 RT: 18.126 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: BG057323.D
 Acq: 8 May 2023 9:06

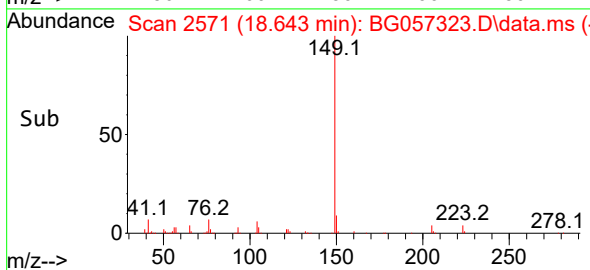
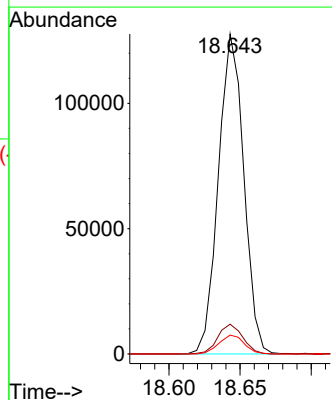
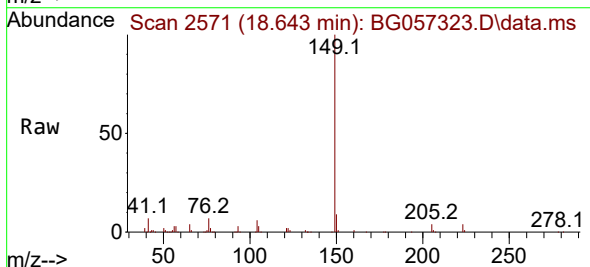
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020478

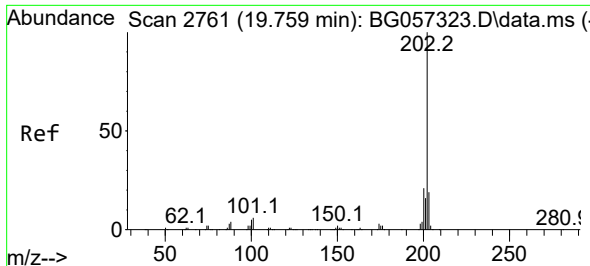
Tgt Ion:167 Resp: 139499
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 12.9 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 22.121 ng/ul
 RT: 18.643 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BG057323.D
 Acq: 8 May 2023 9:06

Tgt Ion:149 Resp: 158542
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.9 5.0 7.6

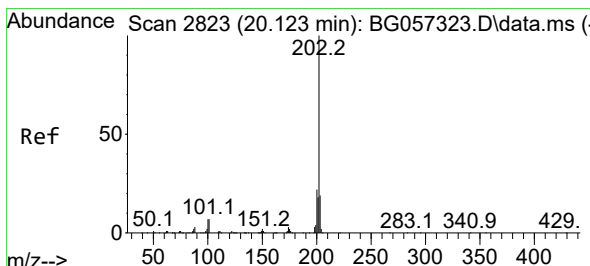
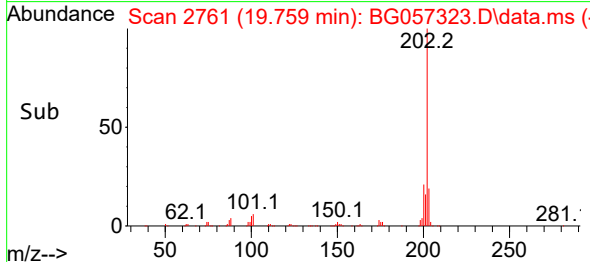
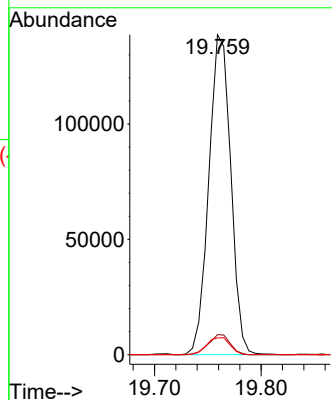
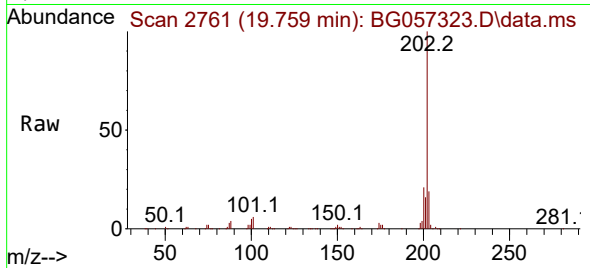




#80
 Fluoranthene
 Concen: 22.637 ng/ul
 RT: 19.759 min Scan# 2761
 Delta R.T. 0.000 min
 Lab File: BG057323.D
 Acq: 8 May 2023 9:06

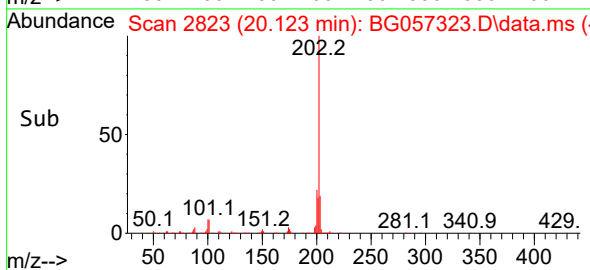
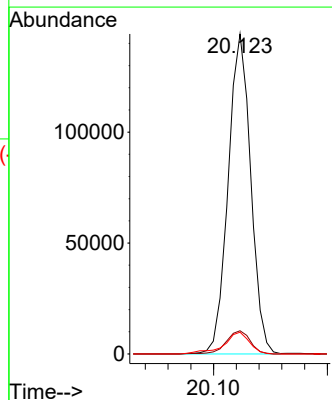
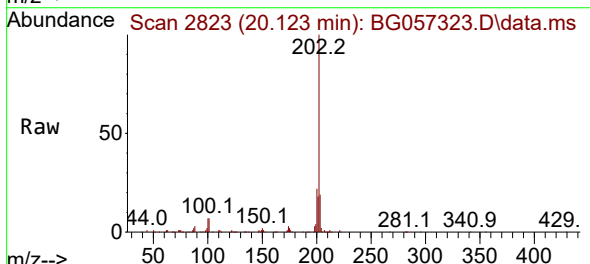
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020478

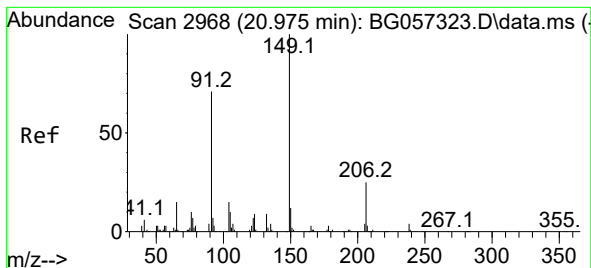
Tgt Ion:202 Resp: 198391
 Ion Ratio Lower Upper
 202 100
 101 6.2 5.8 8.6
 100 5.3 4.6 7.0



#82
 Pyrene
 Concen: 22.385 ng/ul
 RT: 20.123 min Scan# 2823
 Delta R.T. 0.000 min
 Lab File: BG057323.D
 Acq: 8 May 2023 9:06

Tgt Ion:202 Resp: 198599
 Ion Ratio Lower Upper
 202 100
 101 7.3 5.7 8.5
 100 6.8 6.0 9.0





#83

Butylbenzylphthalate

Concen: 23.747 ng/ul

RT: 20.975 min Scan# 2968

Delta R.T. 0.000 min

Lab File: BG057323.D

Acq: 8 May 2023 9:06

Instrument :

BNA_G

ClientSampleId :

SSTD020478

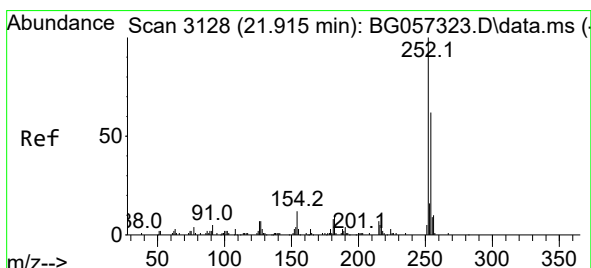
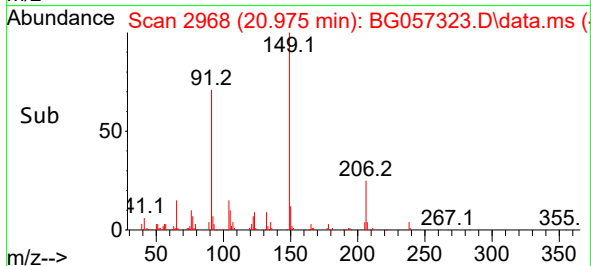
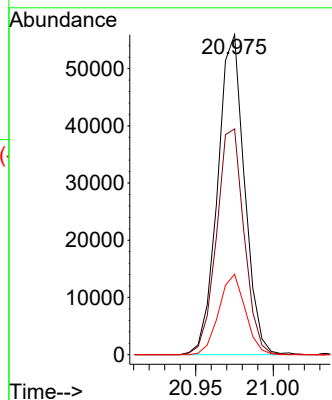
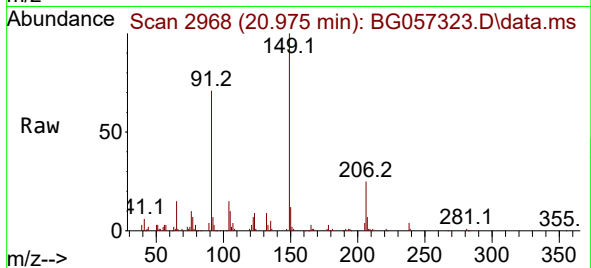
Tgt Ion:149 Resp: 67471

Ion Ratio Lower Upper

149 100

91 70.6 58.6 87.8

206 25.1 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 24.546 ng/ul

RT: 21.915 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BG057323.D

Acq: 8 May 2023 9:06

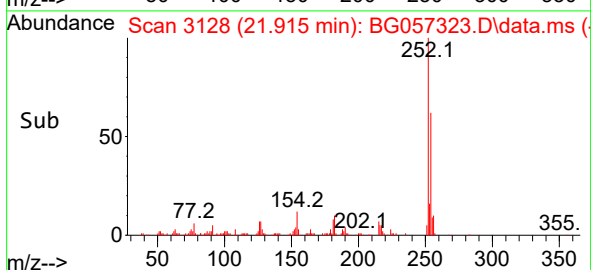
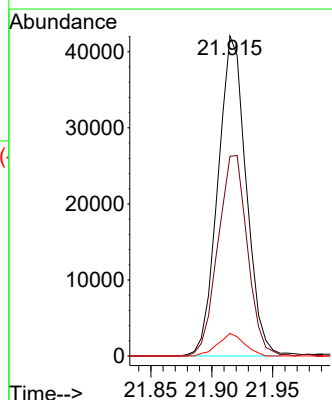
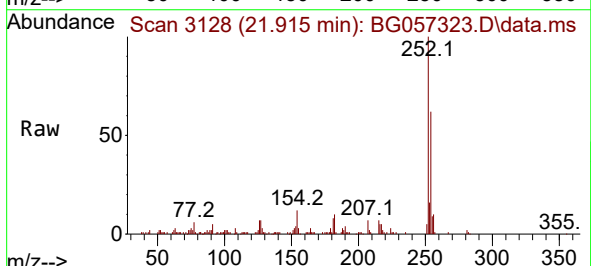
Tgt Ion:252 Resp: 67757

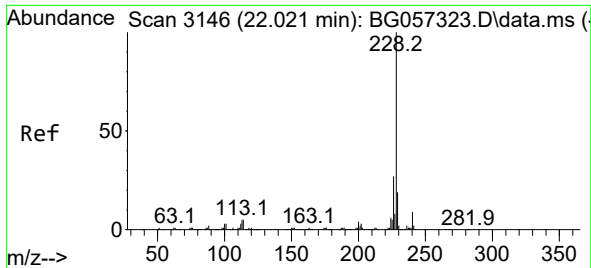
Ion Ratio Lower Upper

252 100

254 62.4 53.7 80.5

126 7.1 5.2 7.8

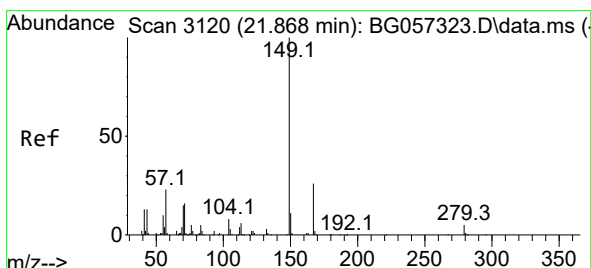
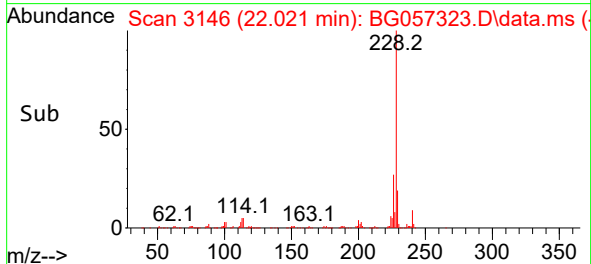
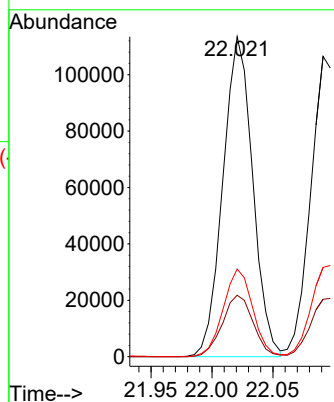
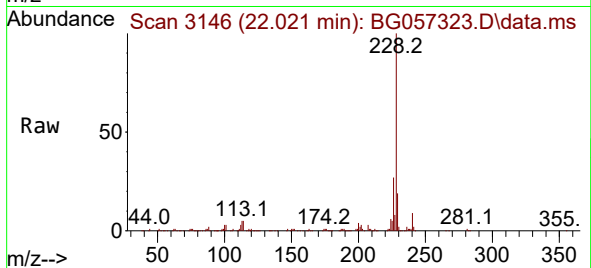




#85
Benzo(a)anthracene
Concen: 21.940 ng/ul
RT: 22.021 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

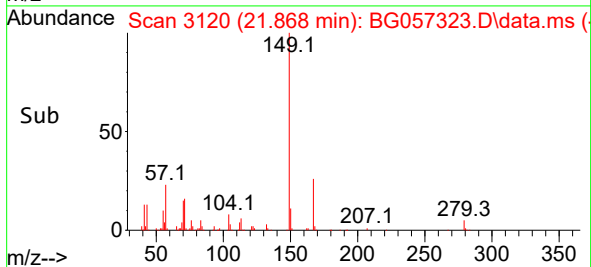
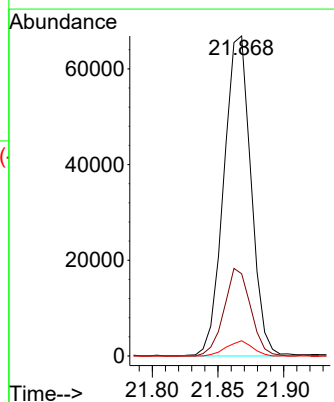
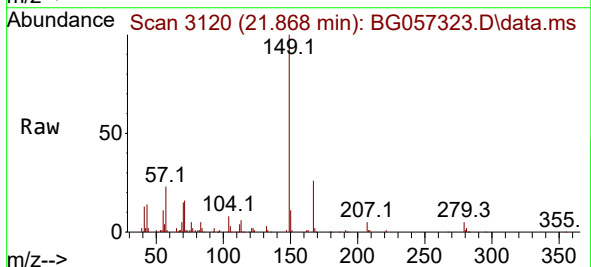
Instrument :
BNA_G
ClientSampleId :
SSTD020478

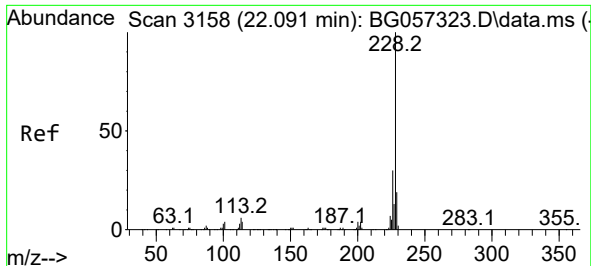
Tgt Ion:228 Resp: 192869
Ion Ratio Lower Upper
228 100
229 19.2 15.8 23.6
226 27.4 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 23.283 ng/ul
RT: 21.868 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:149 Resp: 96212
Ion Ratio Lower Upper
149 100
167 25.7 23.0 34.6
279 4.7 3.6 5.4

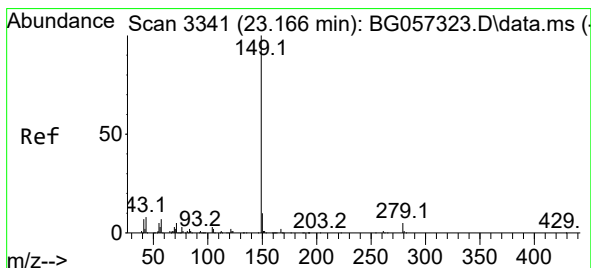
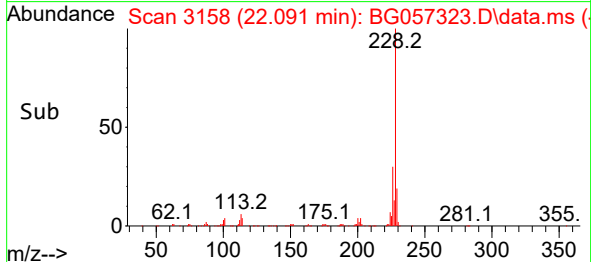
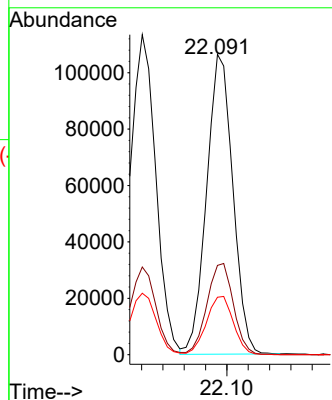
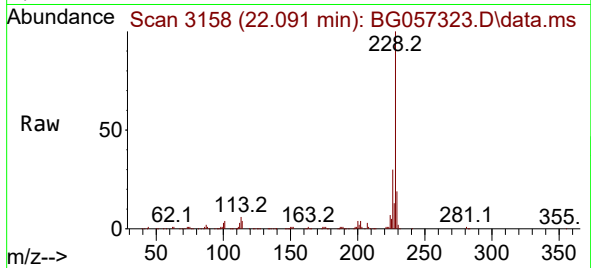




#87
Chrysene
Concen: 21.908 ng/ul
RT: 22.091 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

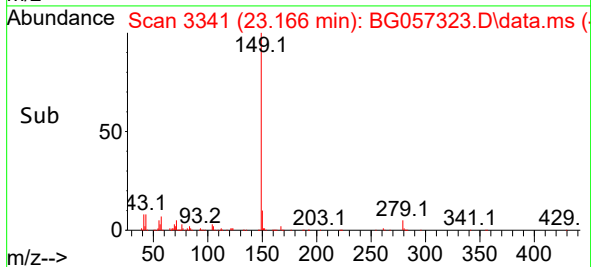
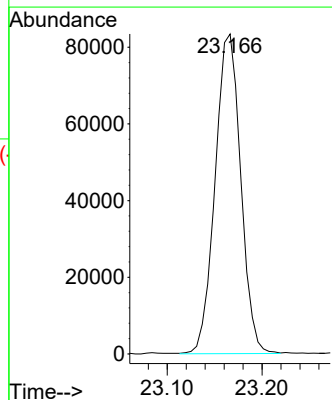
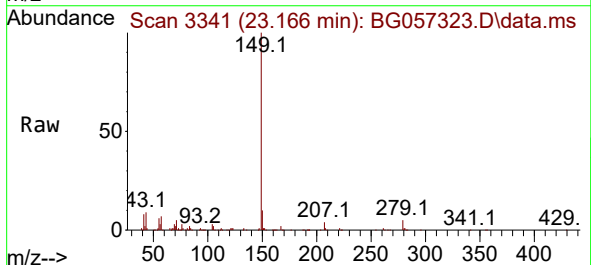
Instrument :
BNA_G
ClientSampleId :
SSTD020478

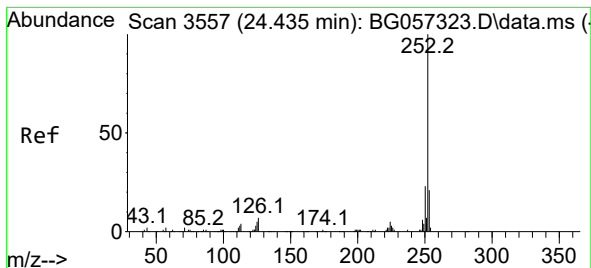
Tgt Ion:228 Resp: 181701
Ion Ratio Lower Upper
228 100
226 29.7 22.8 34.2
229 19.1 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 22.182 ng/ul
RT: 23.166 min Scan# 3341
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:149 Resp: 156470





#90

Benzo(b)fluoranthene

Concen: 22.347 ng/ul

RT: 24.435 min Scan# 3557

Delta R.T. 0.000 min

Lab File: BG057323.D

Acq: 8 May 2023 9:06

Instrument :

BNA_G

ClientSampleId :

SSTD020478

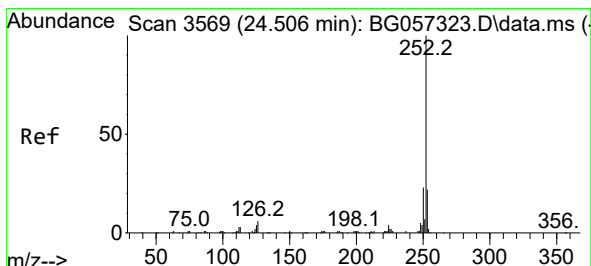
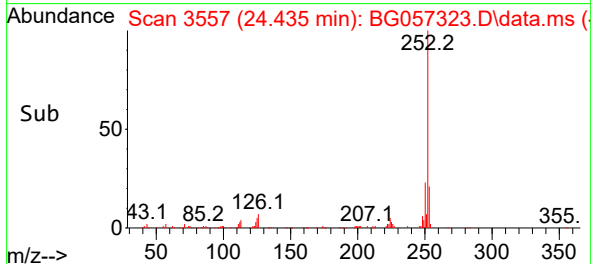
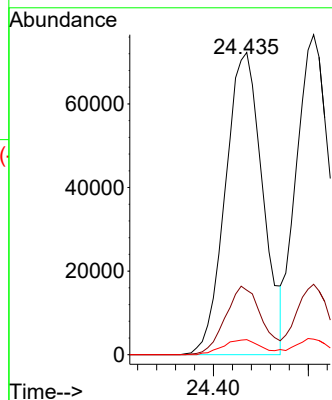
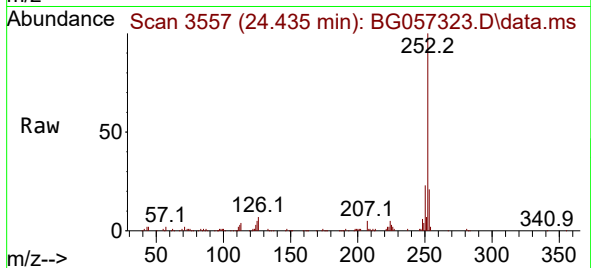
Tgt Ion:252 Resp: 197671

Ion Ratio Lower Upper

252 100

253 21.3 16.7 25.1

125 5.0 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 21.815 ng/ul

RT: 24.506 min Scan# 3569

Delta R.T. 0.000 min

Lab File: BG057323.D

Acq: 8 May 2023 9:06

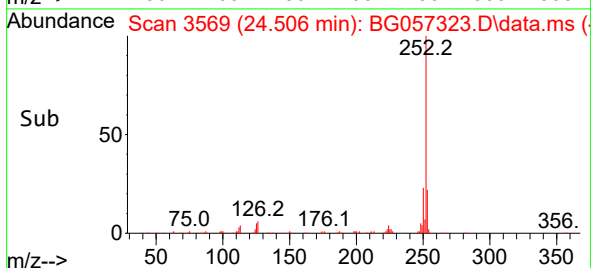
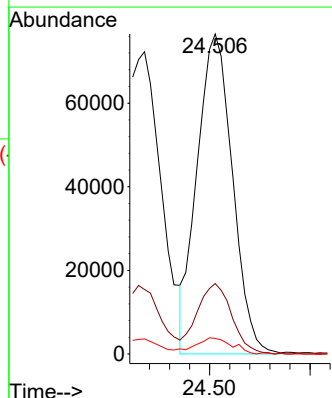
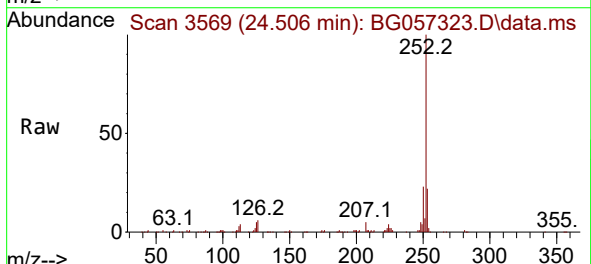
Tgt Ion:252 Resp: 187730

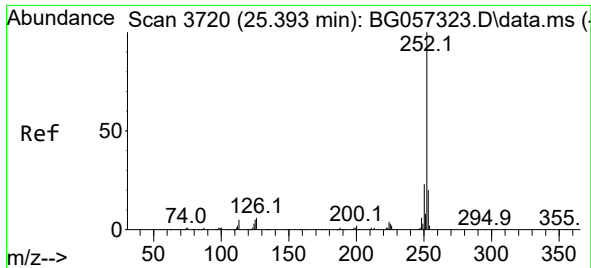
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 4.9 4.5 6.7

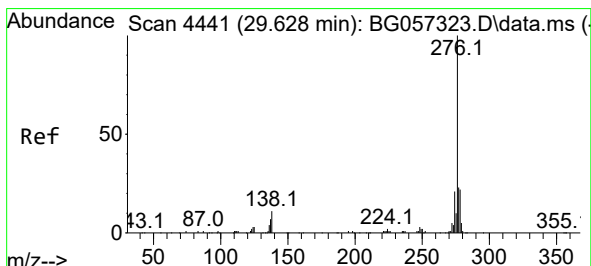
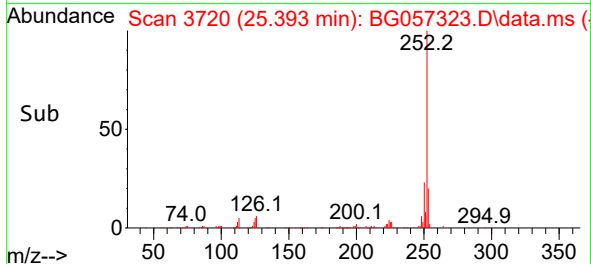
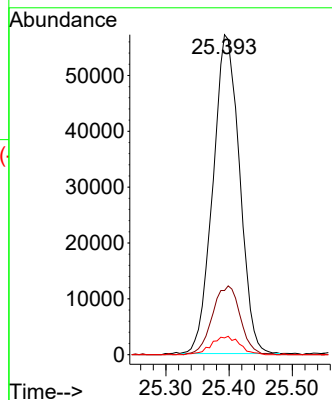
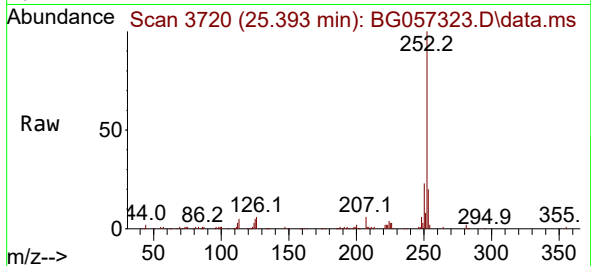




#93
Benzo(a)pyrene
Concen: 21.875 ng/ul
RT: 25.393 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

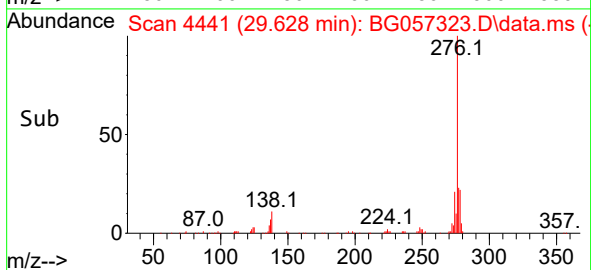
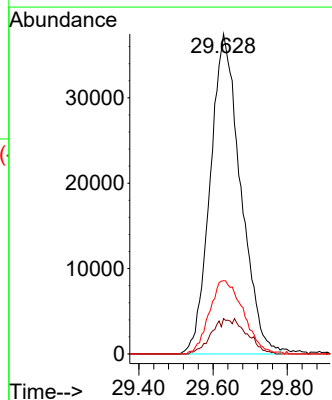
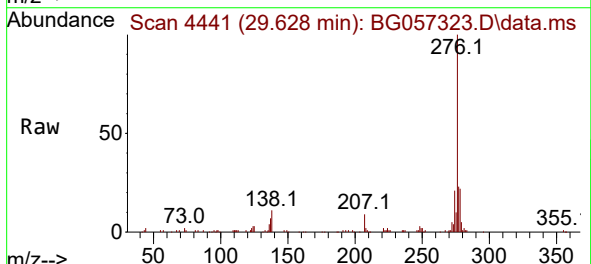
Instrument :
BNA_G
ClientSampleId :
SSTD020478

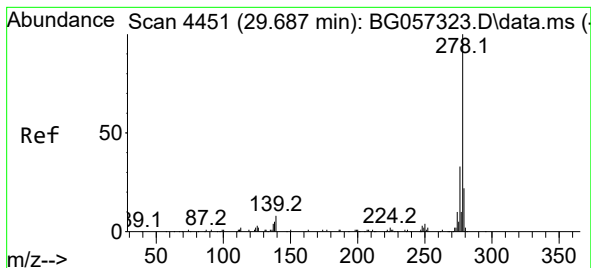
Tgt Ion:252 Resp: 167050
Ion Ratio Lower Upper
252 100
253 20.1 17.2 25.8
125 5.2 5.1 7.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 22.351 ng/ul
RT: 29.628 min Scan# 4441
Delta R.T. 0.000 min
Lab File: BG057323.D
Acq: 8 May 2023 9:06

Tgt Ion:276 Resp: 213362
Ion Ratio Lower Upper
276 100
138 11.1 9.4 14.2
277 22.9 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 22.555 ng/ul

RT: 29.687 min Scan# 4451

Delta R.T. 0.000 min

Lab File: BG057323.D

Acq: 8 May 2023 9:06

Instrument :

BNA_G

ClientSampleId :

SSTD020478

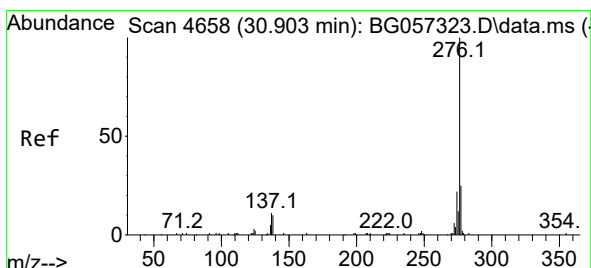
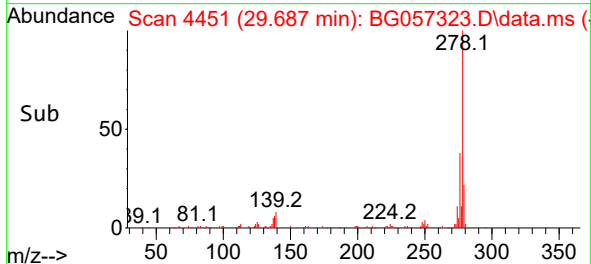
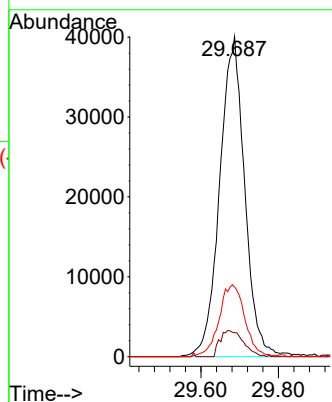
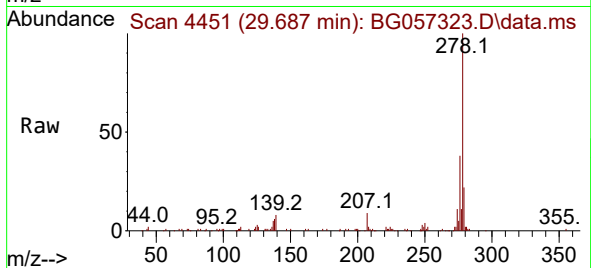
Tgt Ion:278 Resp: 178539

Ion Ratio Lower Upper

278 100

139 7.5 5.8 8.6

279 21.8 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 12.395 ng/ul

RT: 30.903 min Scan# 4658

Delta R.T. 0.000 min

Lab File: BG057323.D

Acq: 8 May 2023 9:06

Tgt Ion:276 Resp: 95761

Ion Ratio Lower Upper

276 100

138 10.5 8.7 13.1

277 24.9 18.4 27.6

