

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057312.D
 Acq On : 5 May 2023 10:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020476

Quant Time: May 05 23:53:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 11:20:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.369	152	10600	20.000	ng/u1	0.00
20) Naphthalene-d8	11.212	136	47573	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.984	164	41419	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.727	188	110265	20.000	ng/u1	0.00
79) Chrysene-d12	22.039	240	98682	20.000	ng/u1	0.00
88) Perylene-d12	25.552	264	103305	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	1903	7.900	ng/uL	0.00
4) Pyridine-d5	4.093	84	14281	18.805	ng/u1	0.00
7) Phenol-d5	7.512	99	21535	21.482	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	11912	20.203	ng/u1	0.00
11) 2-Chlorophenol-d4	7.899	132	14838	22.461	ng/u1	0.00
15) 4-Methylphenol-d8	9.074	113	16849	22.114	ng/u1	0.00
21) Nitrobenzene-d5	9.550	128	7884	20.810	ng/u1	0.00
24) 2-Nitrophenol-d4	10.278	143	9801	22.167	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.825	165	19026	22.304	ng/u1	0.00
31) 4-Chloroaniline-d4	11.336	131	26888	23.783	ng/u1	0.00
46) Dimethylphthalate-d6	14.373	166	71702	21.848	ng/u1	0.00
49) Acenaphthylene-d8	14.684	160	79430	21.534	ng/u1	0.00
54) 4-Nitrophenol-d4	15.178	143	8950	18.735	ng/u1	0.00
60) Fluorene-d10	15.971	176	67919	22.215	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.088	200	12838	19.651	ng/u1	0.00
73) Anthracene-d10	17.821	188	113742	22.599	ng/u1	0.00
81) Pyrene-d10	20.089	212	131636	22.473	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.311	264	114994	21.849	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.687	88	2483	9.720	ng/uL#	78
5) Pyridine	4.116	79	16105	20.118	ng/u1	88
6) Benzaldehyde	7.494	77	7243	23.657	ng/u1#	83
8) Phenol	7.541	94	21885	21.660	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.770	93	14899	19.703	ng/u1	96
12) 2-Chlorophenol	7.935	128	15512	22.355	ng/u1	93
13) 2-Methylphenol	8.810	108	15861	20.256	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.892	45	18441	18.915	ng/u1#	96
16) Acetophenone	9.203	105	29169	22.249	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.168	70	15239	20.227	ng/u1	93
18) 4-Methylphenol	9.139	108	18250	21.532	ng/u1	86
19) Hexachloroethane	9.468	117	6600	22.734	ng/u1	95
22) Nitrobenzene	9.591	77	23483	20.816	ng/u1	96
23) Isophorone	10.108	82	44489	20.727	ng/u1	97
25) 2-Nitrophenol	10.314	139	10017	22.368	ng/u1	95
26) 2,4-Dimethylphenol	10.355	107	22724	22.368	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.584	93	22739	20.380	ng/u1	95
29) 2,4-Dichlorophenol	10.854	162	18543	22.902	ng/u1	92
30) Naphthalene	11.265	128	57584	22.046	ng/u1#	95
32) 4-Chloroaniline	11.365	127	27232	23.117	ng/u1	97
33) Hexachlorobutadiene	11.536	225	15333	22.327	ng/u1	98
34) Caprolactam	12.105	113	4956	18.182	ng/u1	96
35) 4-Chloro-3-methylphenol	12.464	107	21937	23.548	ng/u1	97
36) 2-Methylnaphthalene	12.840	142	42982	22.439	ng/u1	98

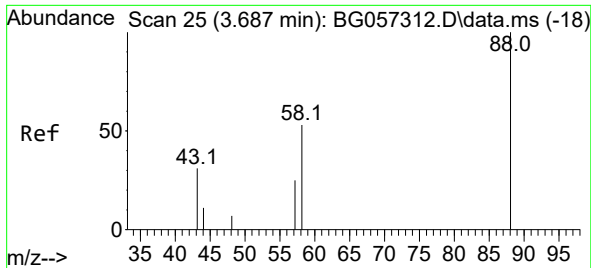
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.057	142	44167	22.931	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.198	216	32297	21.457	ng/ul	95
40) Hexachlorocyclopentadiene	13.175	237	16367	21.790	ng/ul	99
41) 2,4,6-Trichlorophenol	13.433	196	18651	21.276	ng/ul	98
42) 2,4,5-Trichlorophenol	13.515	196	20122	21.380	ng/ul	92
43) 1,1'-Biphenyl	13.821	154	65129	20.608	ng/ul	98
44) 2-Chloronaphthalene	13.874	162	51957	21.203	ng/ul	98
45) 2-Nitroaniline	14.067	65	16047	21.692	ng/ul	94
47) Dimethylphthalate	14.420	163	73062	22.169	ng/ul	99
48) 2,6-Dinitrotoluene	14.549	165	14875	21.931	ng/ul	98
50) Acenaphthylene	14.714	152	82548	22.022	ng/ul	99
51) 3-Nitroaniline	14.884	138	11213	23.332	ng/ul#	96
52) Acenaphthene	15.048	153	57933	21.692	ng/ul	97
53) 2,4-Dinitrophenol	15.101	184	5651	15.645	ng/ul	89
55) 4-Nitrophenol	15.189	109	10170	18.780	ng/ul	98
56) Dibenzofuran	15.383	168	86054	22.313	ng/ul	99
57) 2,4-Dinitrotoluene	15.336	165	21966	22.623	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.607	232	19480	22.778	ng/ul#	97
59) Diethylphthalate	15.765	149	74325	22.197	ng/ul	98
61) Fluorene	16.029	166	74064	22.711	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.006	204	42094	22.115	ng/ul	99
63) 4-Nitroaniline	16.041	138	9497	20.868	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.106	198	12982	19.501	ng/ul#	94
67) N-Nitrosodiphenylamine	16.217	169	63245	21.957	ng/ul	98
68) 4-Bromophenyl-phenylether	16.899	248	28700	21.777	ng/ul	95
69) Hexachlorobenzene	17.034	284	31465	22.672	ng/ul	99
70) Atrazine	17.151	200	30026	23.455	ng/ul	98
71) Pentachlorophenol	17.386	266	9779	15.244	ng/ul	96
72) Phenanthrene	17.768	178	128708	22.415	ng/ul	98
74) Anthracene	17.862	178	130596	22.642	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.797	216	34510	20.808	ng/uL	96
76) Pentachlorobenzene	15.301	250	36370	21.544	ng/uL	96
77) Carbazole	18.127	167	112780	23.397	ng/ul	98
78) Di-n-butylphthalate	18.644	149	127276	23.091	ng/ul	98
80) Fluoranthene	19.760	202	158652	22.801	ng/ul	98
82) Pyrene	20.118	202	160871	22.839	ng/ul	98
83) Butylbenzylphthalate	20.970	149	53272	23.616	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.916	252	52869	24.124	ng/ul	94
85) Benzo(a)anthracene	22.015	228	155134	22.228	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.863	149	75277	22.945	ng/ul#	95
87) Chrysene	22.086	228	142850	21.694	ng/ul	98
89) Di-n-octyl phthalate	23.155	149	125665	22.028	ng/ul	100
90) Benzo(b)fluoranthene	24.424	252	154399	21.583	ng/ul	97
91) Benzo(k)fluoranthene	24.424	252	154399	22.184	ng/ul	99
93) Benzo(a)pyrene	25.387	252	135008	21.860	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.611	276	91438	11.844	ng/ul	96
95) Dibenzo(a,h)anthracene	29.658	278	142394	22.243	ng/ul	98
96) Benzo(g,h,i)perylene	30.892	276	138735	22.204	ng/ul	99

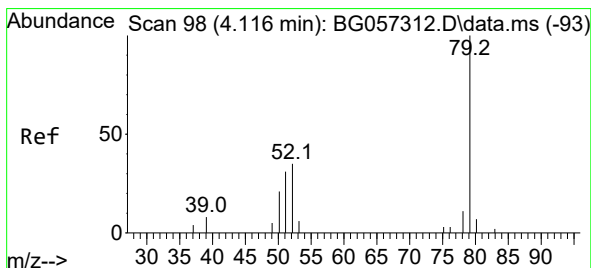
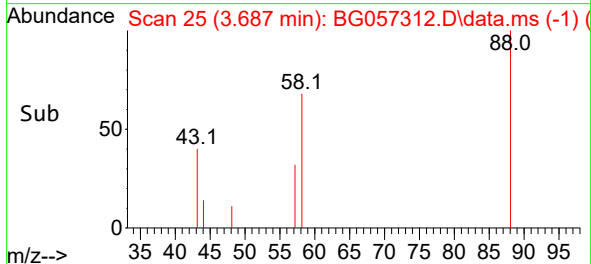
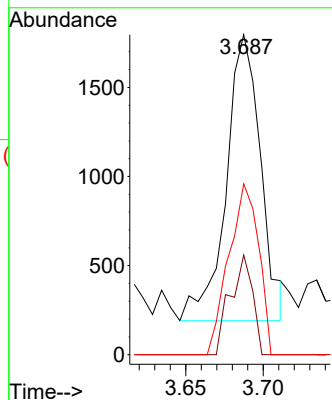
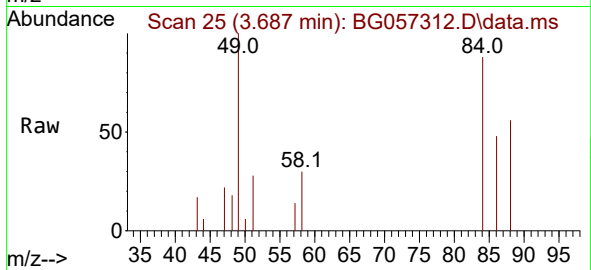
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#2
1,4-Dioxane
Concen: 9.720 ng/uL
RT: 3.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

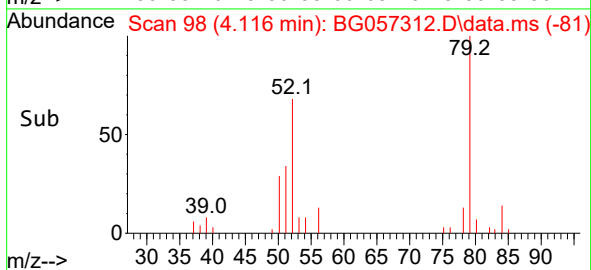
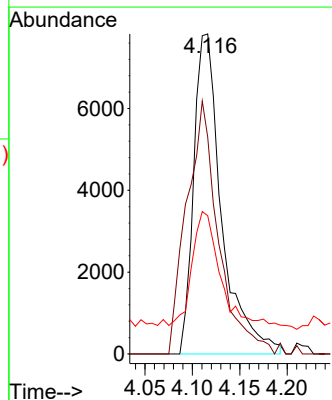
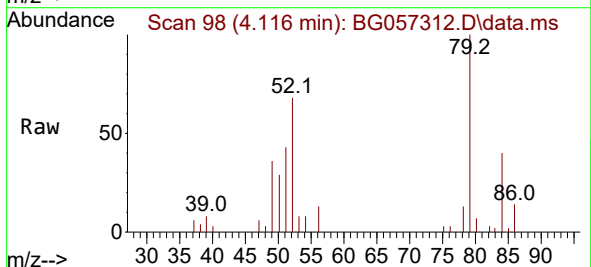
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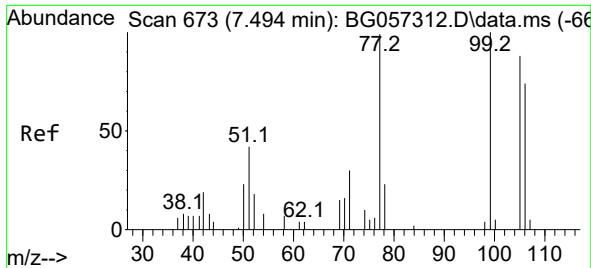
Tgt Ion: 88 Resp: 2483
Ion Ratio Lower Upper
88 100
43 31.1 28.2 42.4
58 53.4 63.3 94.9#



#5
Pyridine
Concen: 20.118 ng/uL
RT: 4.116 min Scan# 98
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion: 79 Resp: 16105
Ion Ratio Lower Upper
79 100
52 67.7 62.4 93.6
51 43.2 29.0 43.4

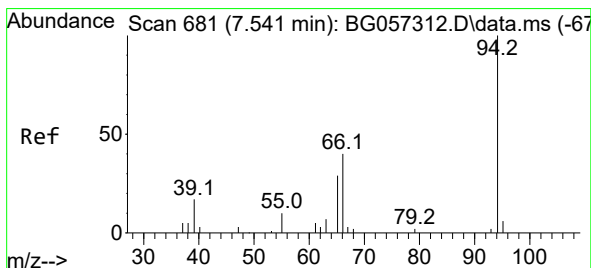
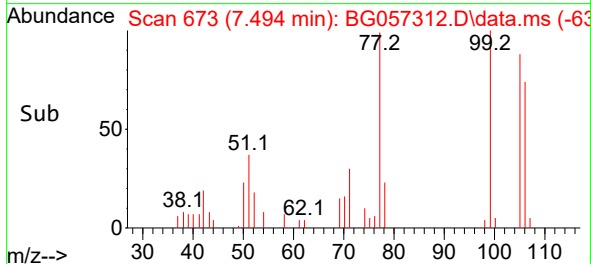
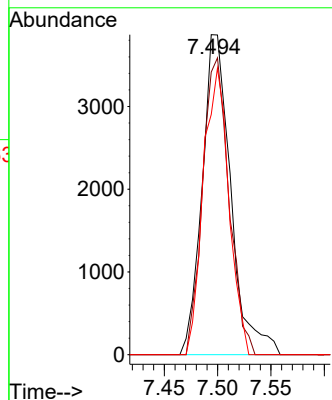
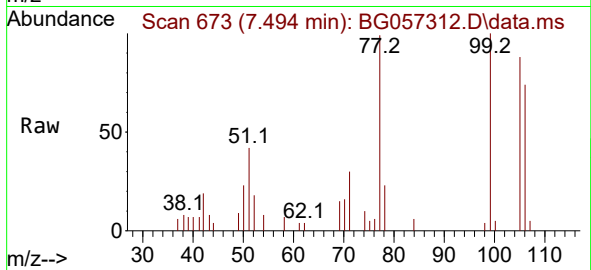




#6
Benzaldehyde
Concen: 23.657 ng/ul
RT: 7.494 min Scan# 611
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

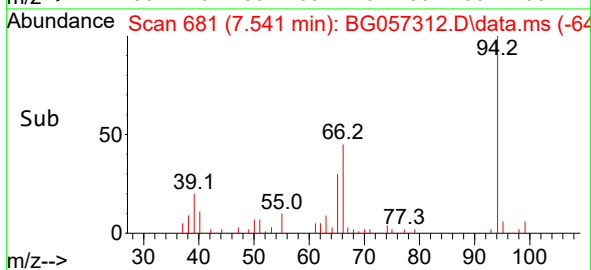
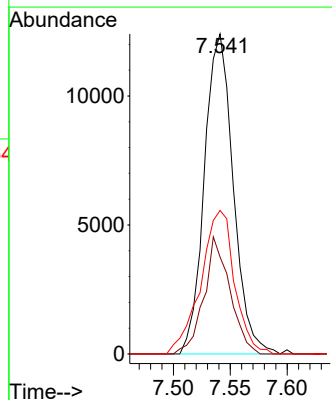
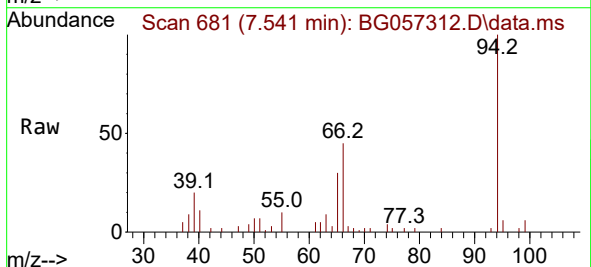
Instrument :
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ClientSampleId :
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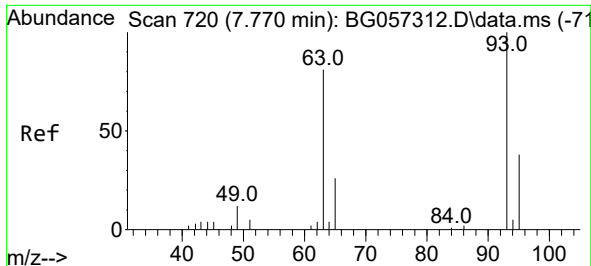
Tgt Ion: 77 Resp: 7243
Ion Ratio Lower Upper
77 100
105 88.3 79.8 119.6
106 75.1 78.7 118.1#



#8
Phenol
Concen: 21.660 ng/ul
RT: 7.541 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion: 94 Resp: 21885
Ion Ratio Lower Upper
94 100
65 30.3 25.5 38.3
66 44.9 36.9 55.3

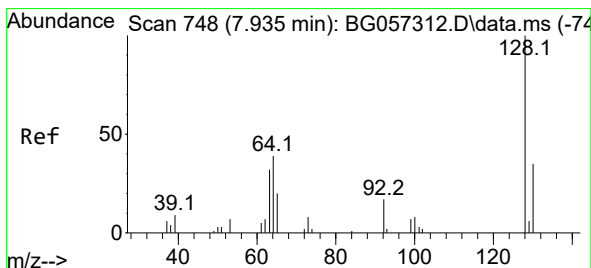
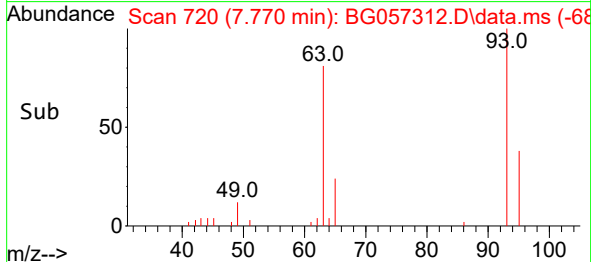
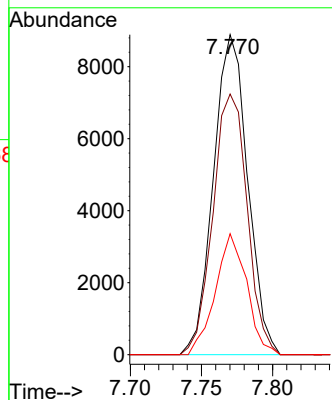
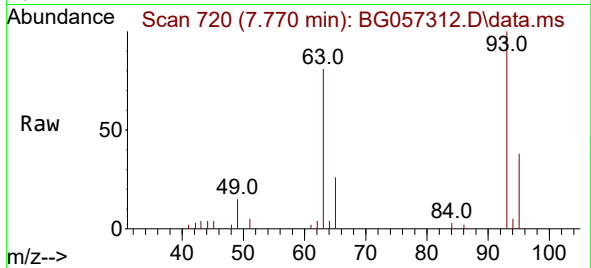




#10
Bis(2-Chloroethyl)ether
Concen: 19.703 ng/ul
RT: 7.770 min Scan# 720
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

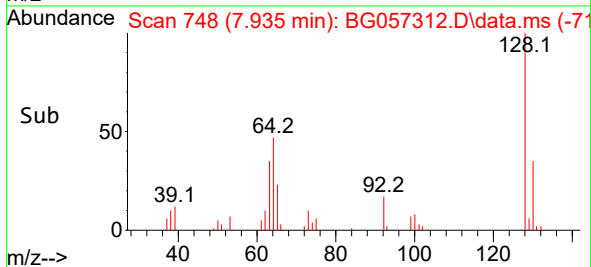
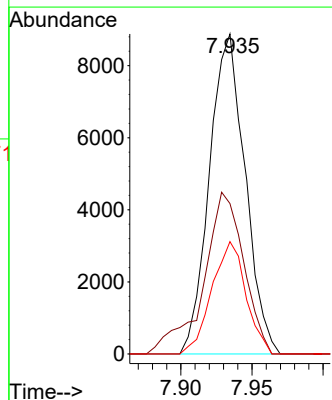
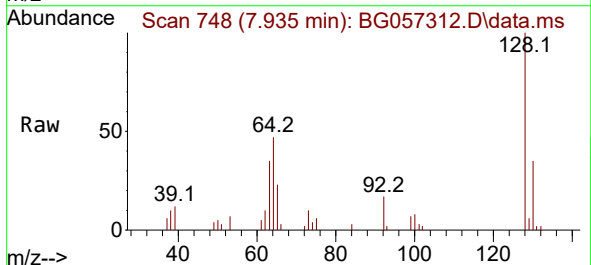
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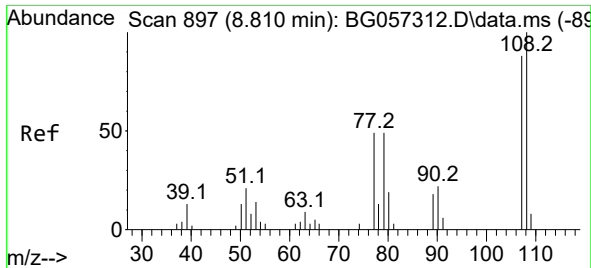
Tgt Ion: 93	Resp:	14899	
Ion	Ratio	Lower	Upper
93	100		
63	81.5	67.2	100.8
95	37.8	26.3	39.5



#12
2-Chlorophenol
Concen: 22.355 ng/ul
RT: 7.935 min Scan# 748
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:128	Resp:	15512	
Ion Ratio	Lower	Upper	
128 100			
64 47.0	41.3	61.9	
130 35.1	24.6	37.0	

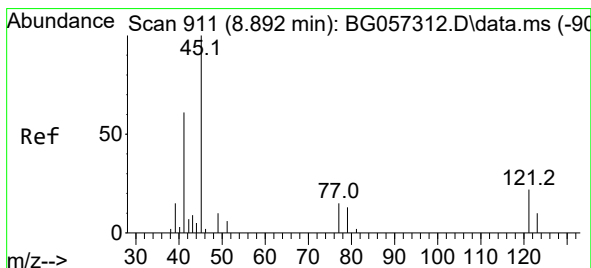
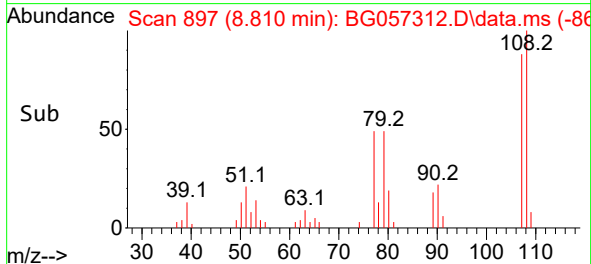
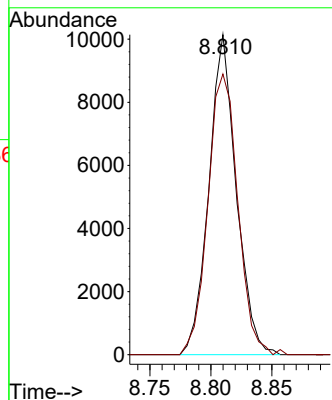
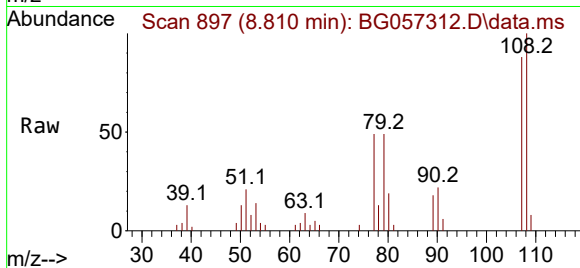




#13
2-Methylphenol
Concen: 20.256 ng/ul
RT: 8.810 min Scan# 897
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

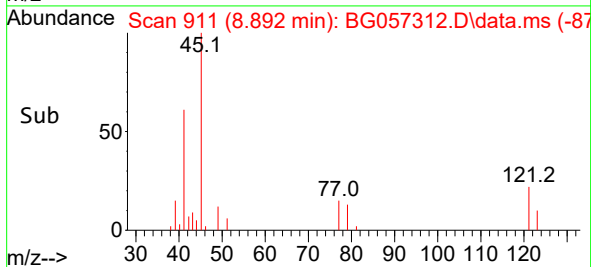
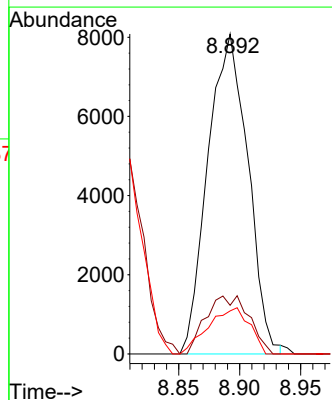
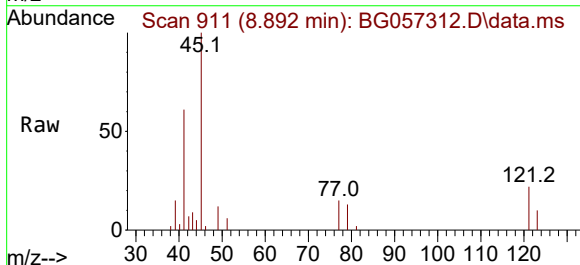
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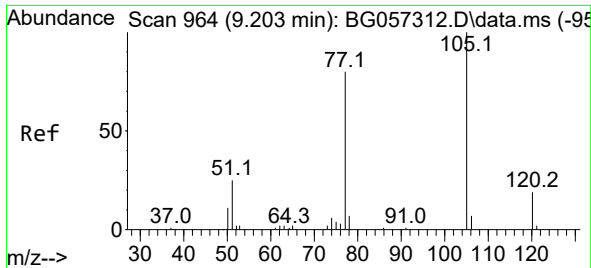
Tgt Ion:108 Resp: 15861
Ion Ratio Lower Upper
108 100
107 87.7 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.915 ng/ul
RT: 8.892 min Scan# 911
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion: 45 Resp: 18441
Ion Ratio Lower Upper
45 100
77 15.2 12.9 19.3
79 13.5 8.9 13.3#

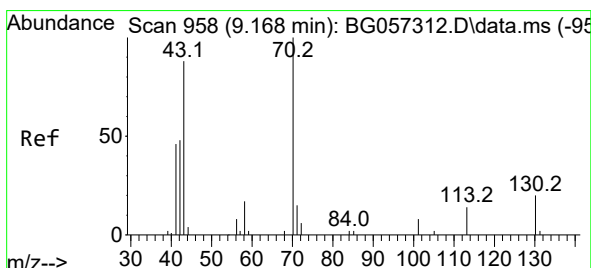
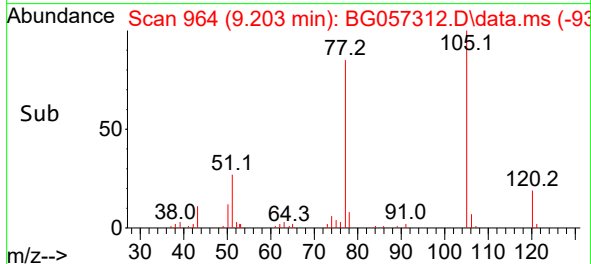
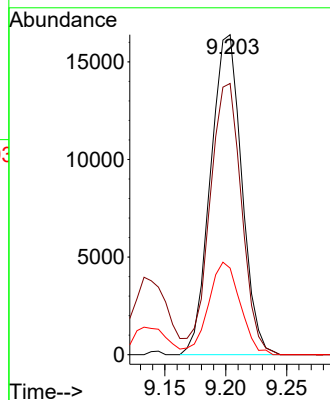
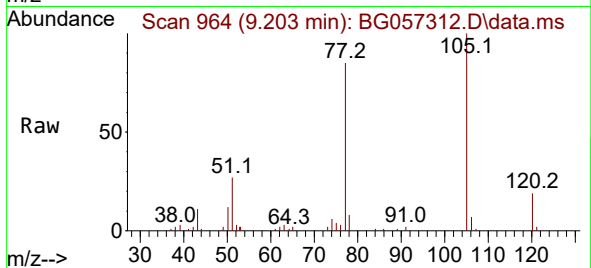




#16
Acetophenone
Concen: 22.249 ng/ul
RT: 9.203 min Scan# 910
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

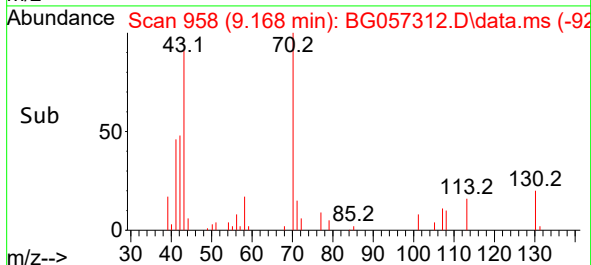
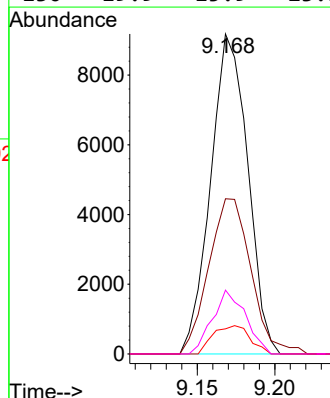
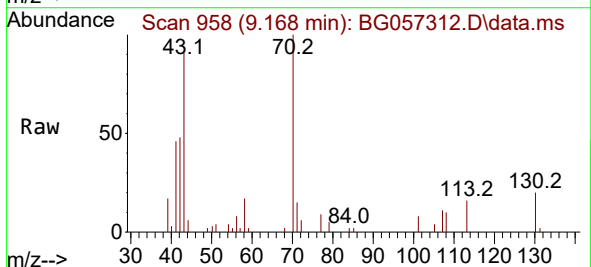
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ClientSampleId :
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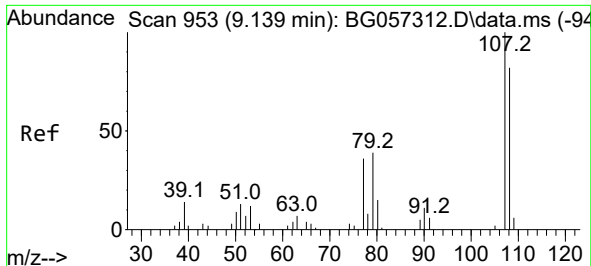
Tgt Ion:105 Resp: 29169
Ion Ratio Lower Upper
105 100
77 84.7 70.6 105.8
51 27.1 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 20.227 ng/ul
RT: 9.168 min Scan# 958
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion: 70 Resp: 15239
Ion Ratio Lower Upper
70 100
42 48.5 45.0 67.4
101 7.9 6.5 9.7
130 19.9 15.9 23.9

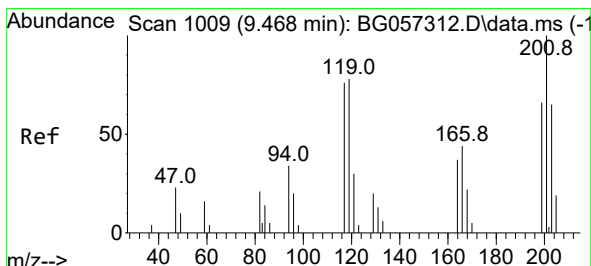
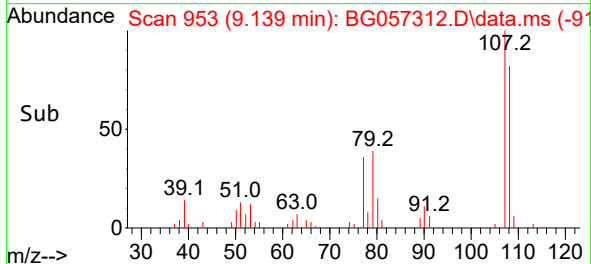
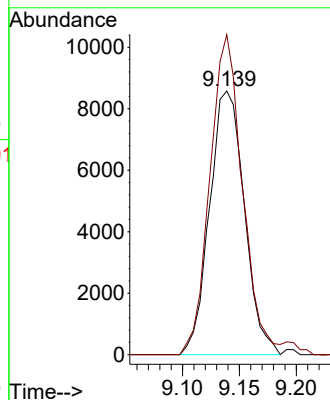
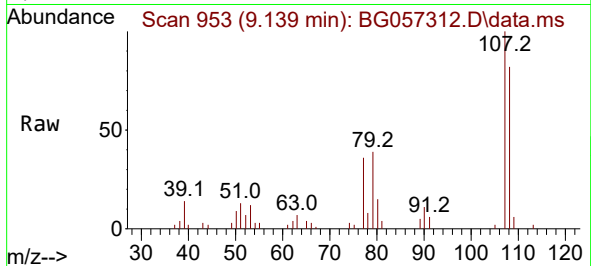




#18
4-Methylphenol
Concen: 21.532 ng/ul
RT: 9.139 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

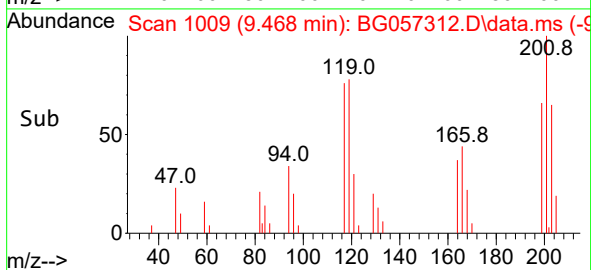
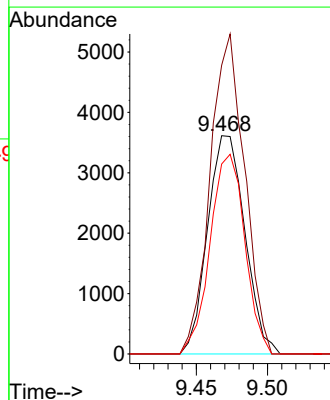
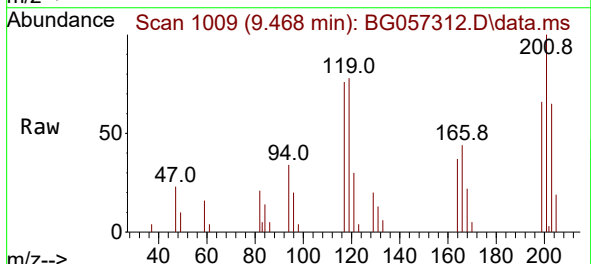
Instrument :
BNA_G
ClientSampleId :
SSTD020476

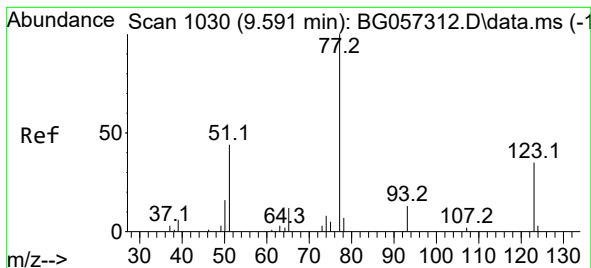
Tgt Ion:108 Resp: 18250
Ion Ratio Lower Upper
108 100
107 121.3 85.1 127.7



#19
Hexachloroethane
Concen: 22.734 ng/ul
RT: 9.468 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:117 Resp: 6600
Ion Ratio Lower Upper
117 100
201 132.3 109.4 164.2
199 87.0 65.4 98.2





#22

Nitrobenzene

Concen: 20.816 ng/ul

RT: 9.591 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Instrument :

BNA_G

ClientSampleId :

SSTD020476

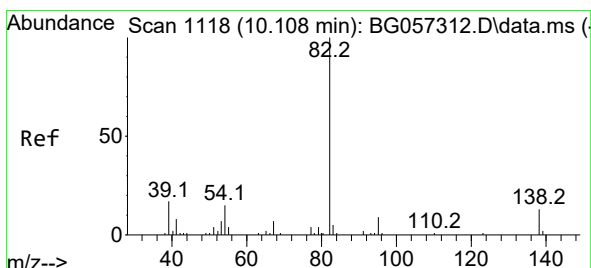
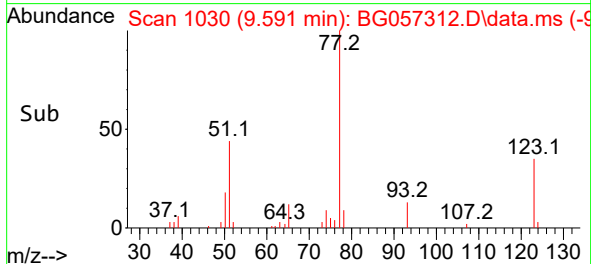
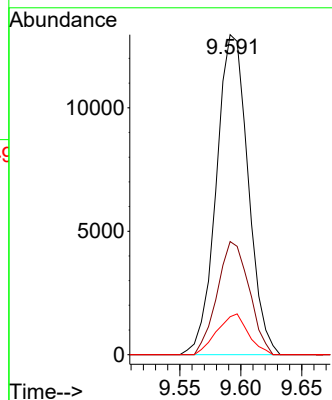
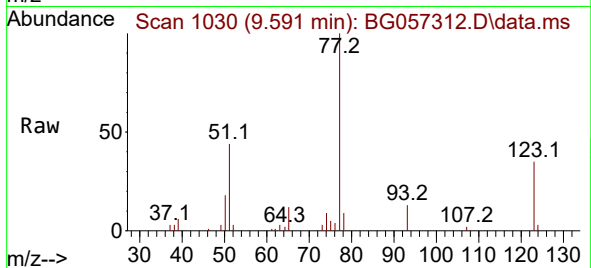
Tgt Ion: 77 Resp: 23483

Ion Ratio Lower Upper

77 100

123 35.4 29.6 44.4

65 11.9 11.4 17.0



#23

Isophorone

Concen: 20.727 ng/ul

RT: 10.108 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

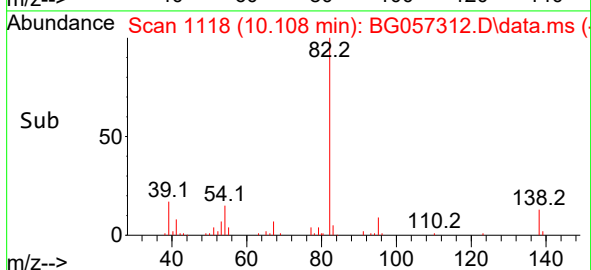
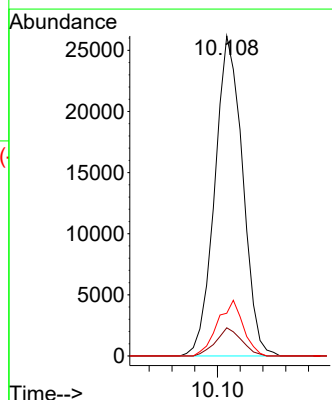
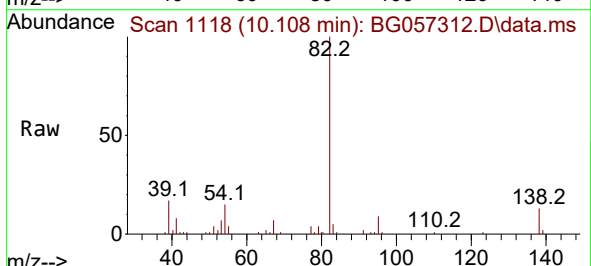
Tgt Ion: 82 Resp: 44489

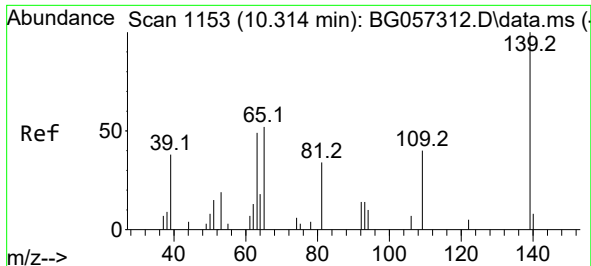
Ion Ratio Lower Upper

82 100

95 8.8 6.8 10.2

138 13.3 12.2 18.2

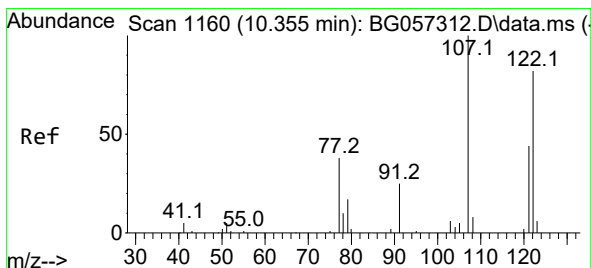
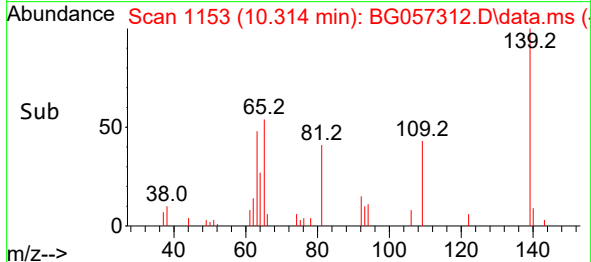
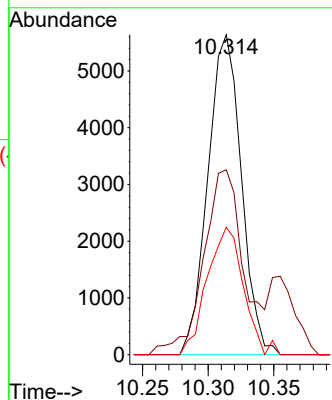
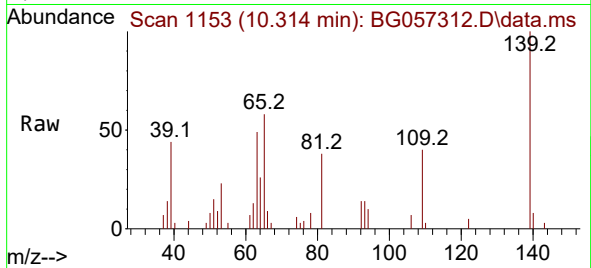




#25
2-Nitrophenol
Concen: 22.368 ng/ul
RT: 10.314 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

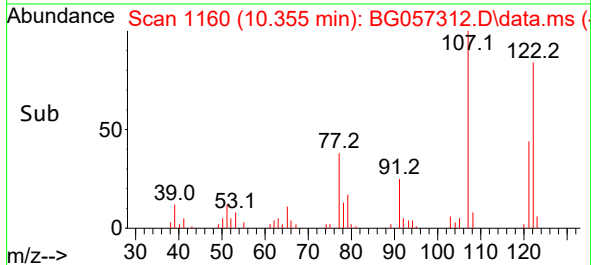
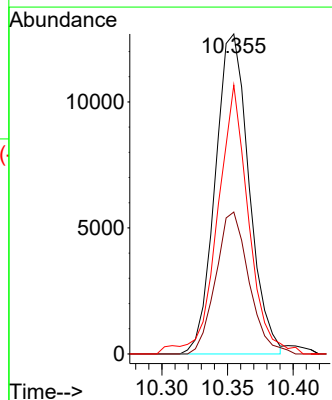
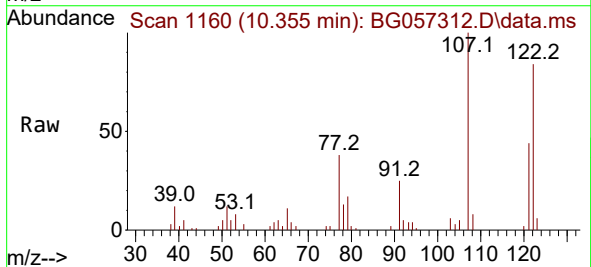
Instrument :
BNA_G
ClientSampleId :
SSTD020476

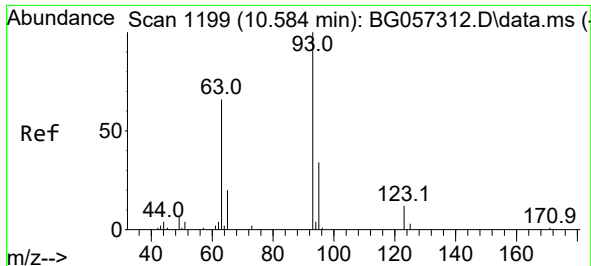
Tgt Ion:139 Resp: 10017
Ion Ratio Lower Upper
139 100
65 57.8 48.7 73.1
109 39.9 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 22.368 ng/ul
RT: 10.355 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:107 Resp: 22724
Ion Ratio Lower Upper
107 100
121 44.4 35.4 53.0
122 84.0 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 20.380 ng/ul

RT: 10.584 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Instrument :

BNA_G

ClientSampleId :

SSTD020476

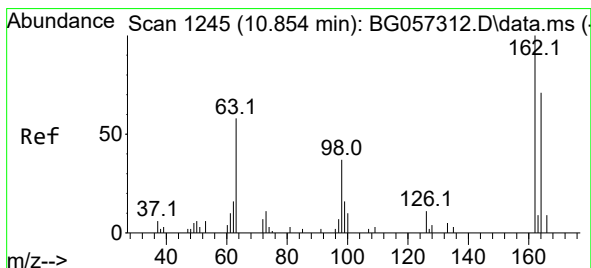
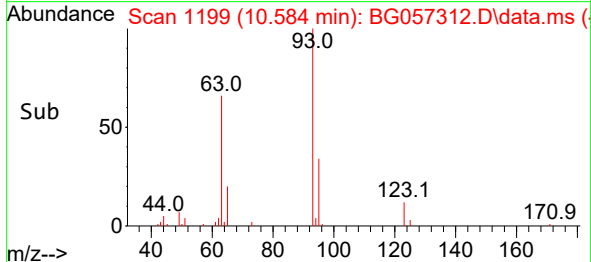
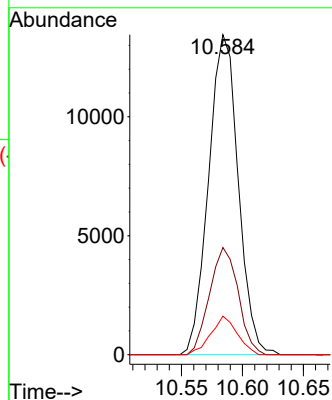
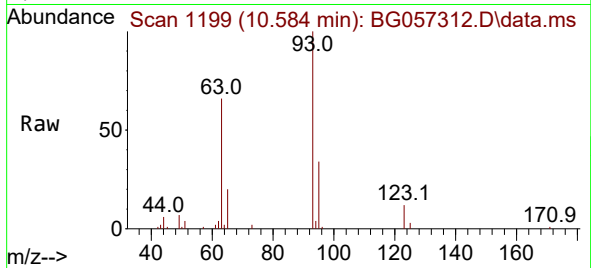
Tgt Ion: 93 Resp: 22739

Ion Ratio Lower Upper

93 100

95 33.5 24.8 37.2

123 12.0 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 22.902 ng/ul

RT: 10.854 min Scan# 1245

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

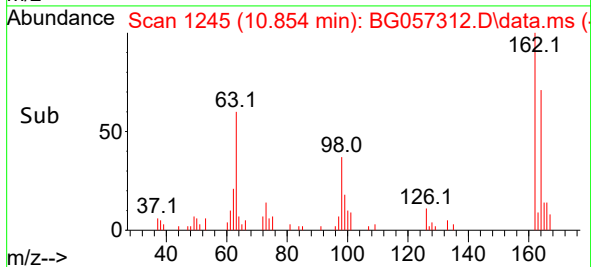
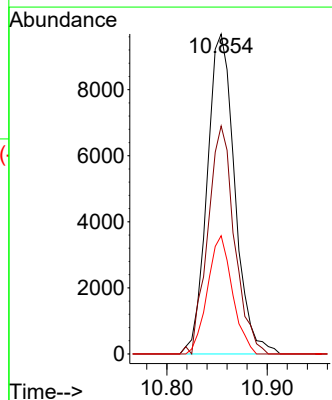
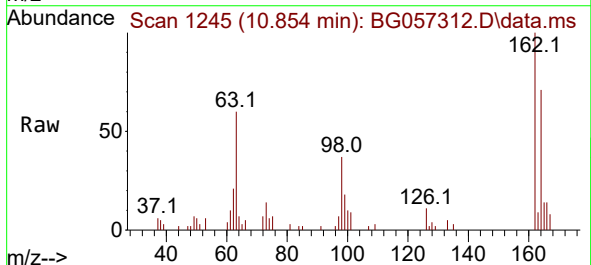
Tgt Ion:162 Resp: 18543

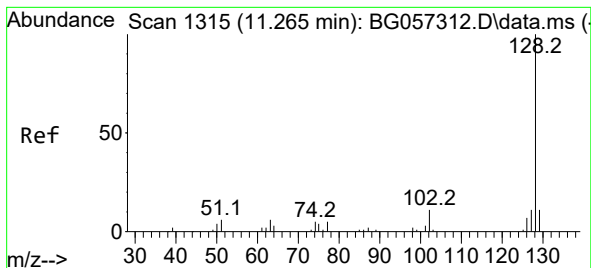
Ion Ratio Lower Upper

162 100

164 71.3 50.5 75.7

98 37.0 27.5 41.3

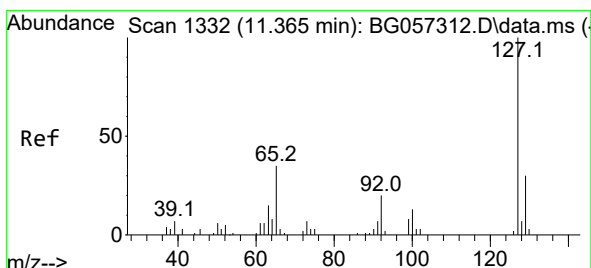
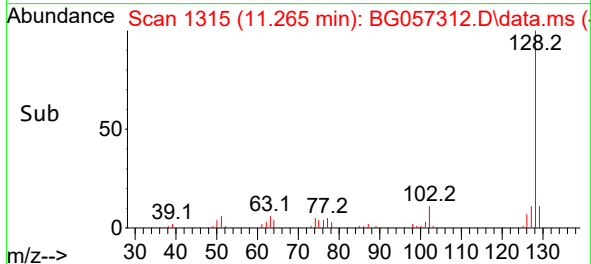
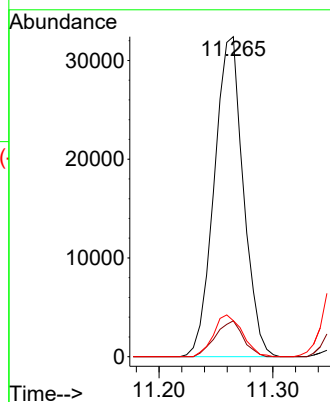
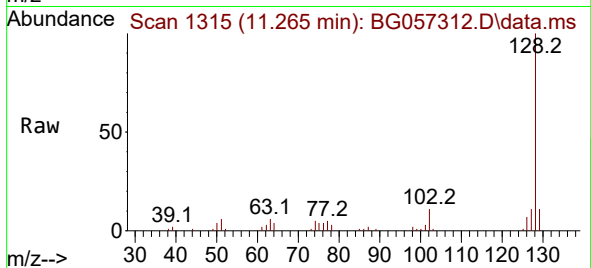




#30
Naphthalene
Concen: 22.046 ng/ul
RT: 11.265 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

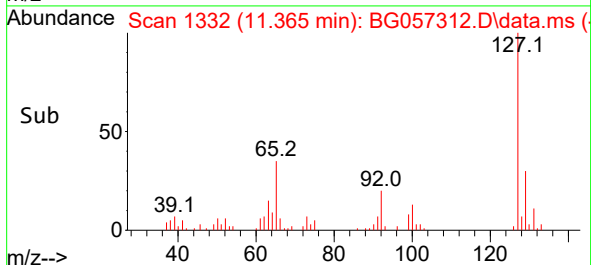
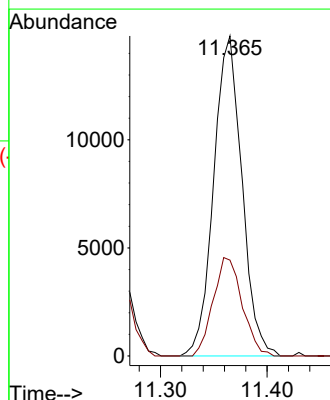
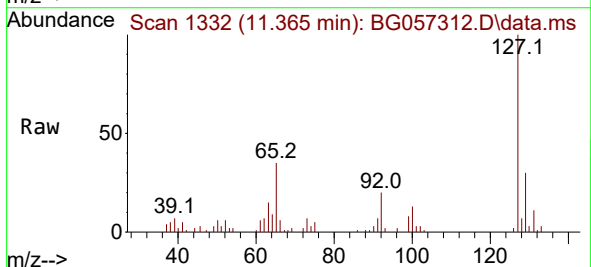
Instrument :
BNA_G
ClientSampleId :
SSTD020476

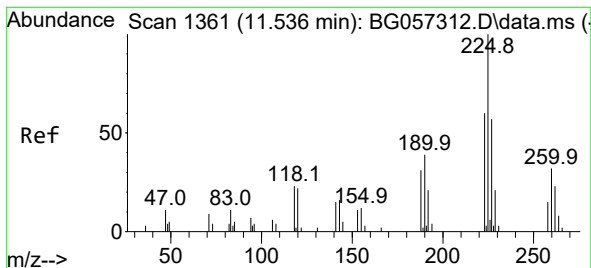
Tgt Ion:128 Resp: 57584
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 11.2 11.4 17.0#



#32
4-Chloroaniline
Concen: 23.117 ng/ul
RT: 11.365 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:127 Resp: 27232
Ion Ratio Lower Upper
127 100
129 30.0 25.4 38.0

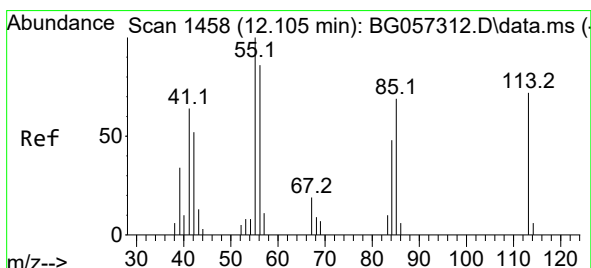
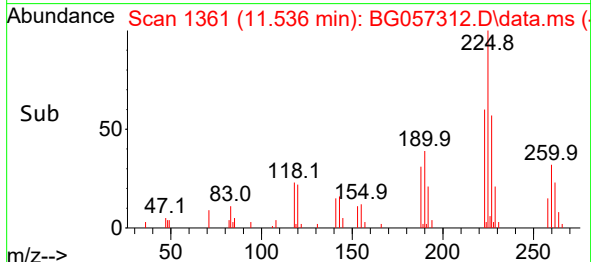
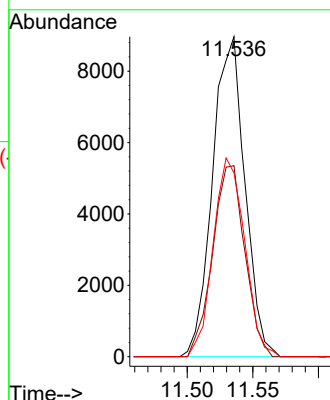
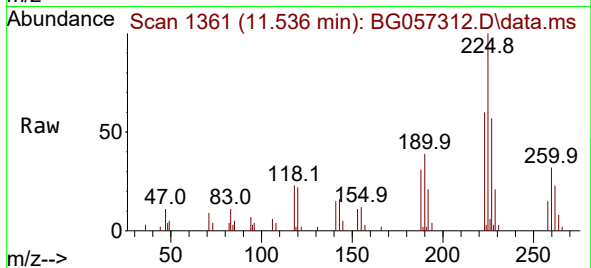




#33
Hexachlorobutadiene
Concen: 22.327 ng/ul
RT: 11.536 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

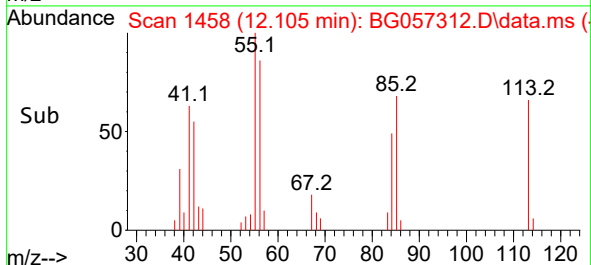
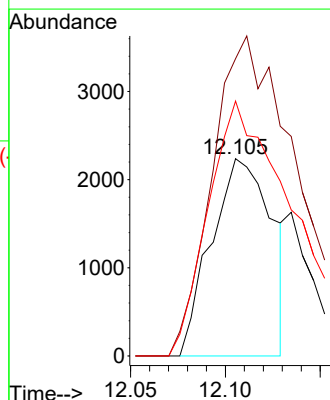
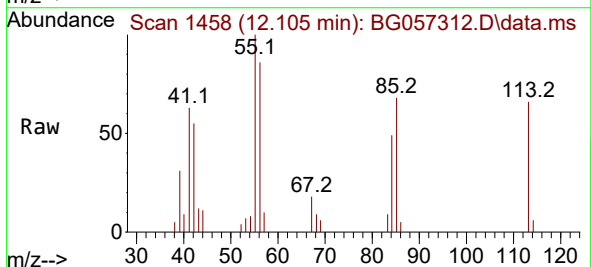
Instrument :
BNA_G
ClientSampleId :
SSTD020476

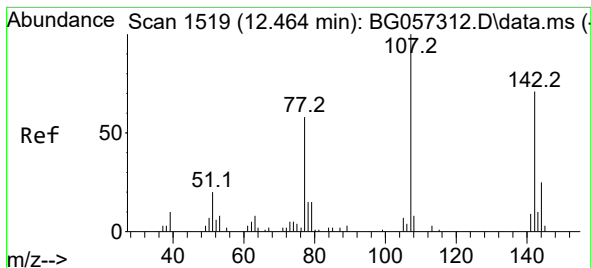
Tgt Ion:225 Resp: 15333
Ion Ratio Lower Upper
225 100
223 59.7 47.5 71.3
227 57.4 48.4 72.6



#34
Caprolactam
Concen: 18.182 ng/ul
RT: 12.105 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:113 Resp: 4956
Ion Ratio Lower Upper
113 100
55 150.7 123.1 184.7
56 129.2 98.7 148.1

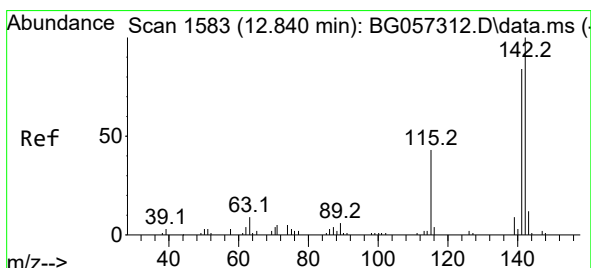
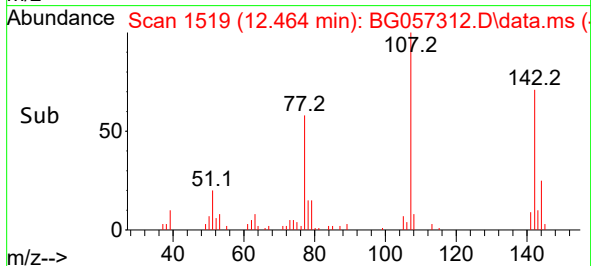
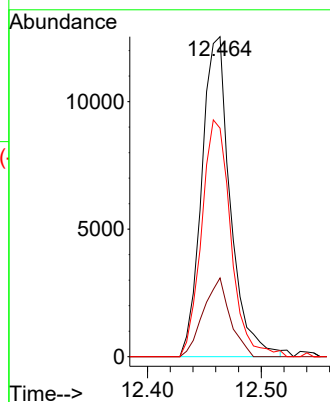
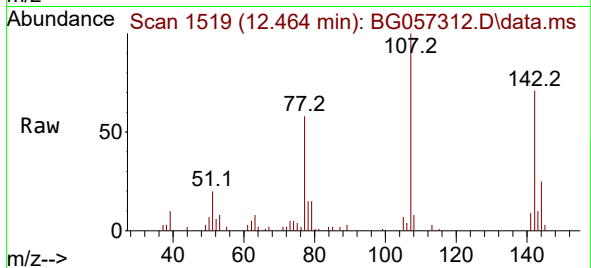




#35
4-Chloro-3-methylphenol
Concen: 23.548 ng/ul
RT: 12.464 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

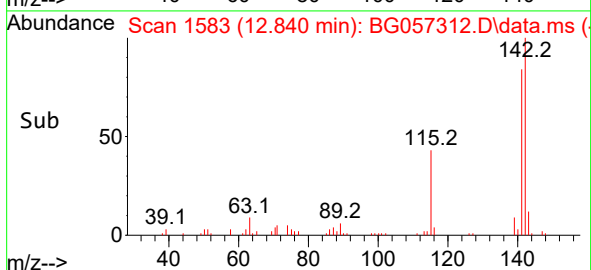
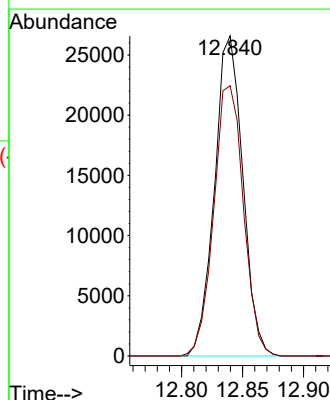
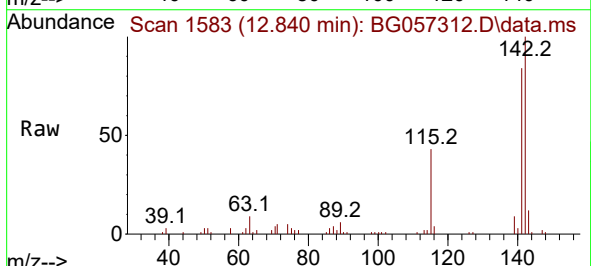
Instrument :
BNA_G
ClientSampleId :
SSTD020476

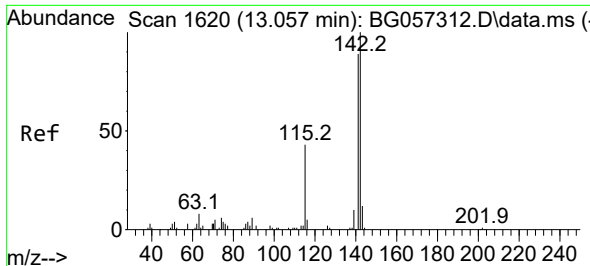
Tgt Ion:107 Resp: 21937
Ion Ratio Lower Upper
107 100
144 24.6 18.3 27.5
142 71.4 58.6 88.0



#36
2-Methylnaphthalene
Concen: 22.439 ng/ul
RT: 12.840 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:142 Resp: 42982
Ion Ratio Lower Upper
142 100
141 84.5 68.7 103.1

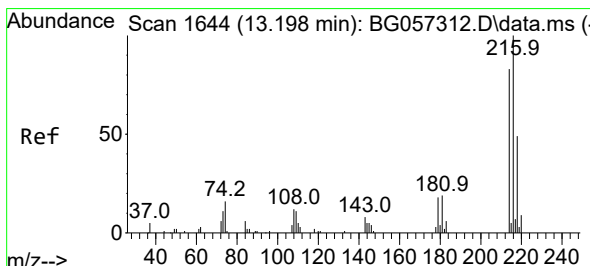
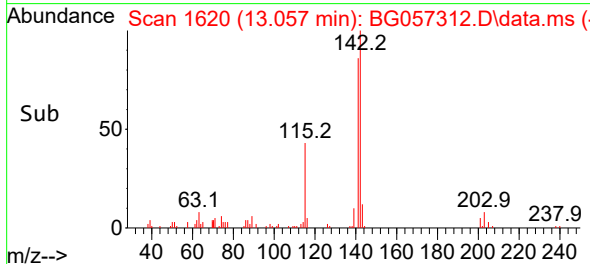
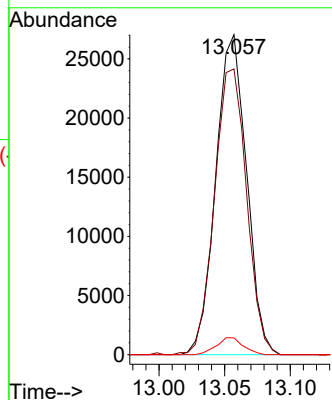
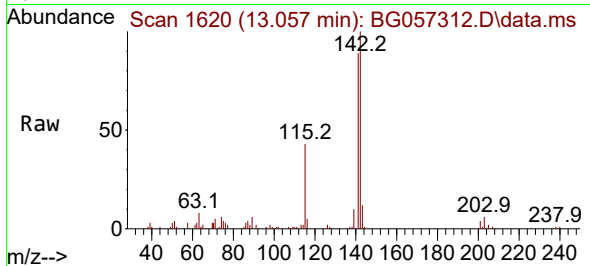




#37
1-Methylnaphthalene
Concen: 22.931 ng/ul
RT: 13.057 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

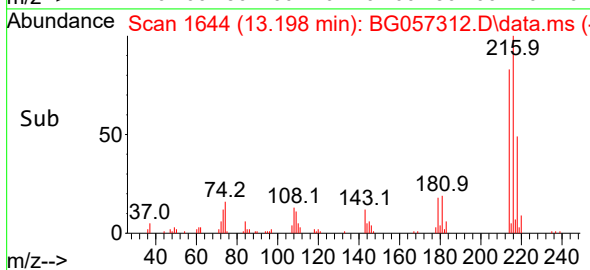
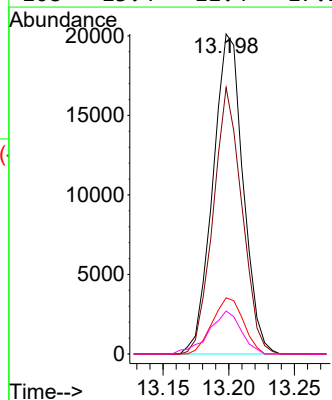
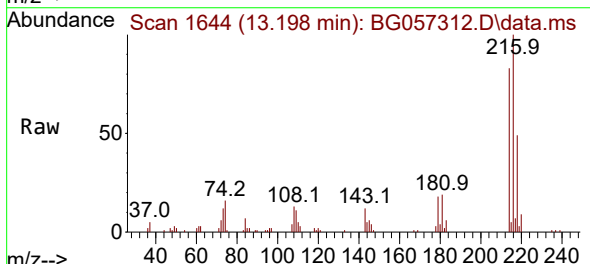
Instrument :
BNA_G
ClientSampleId :
SSTD020476

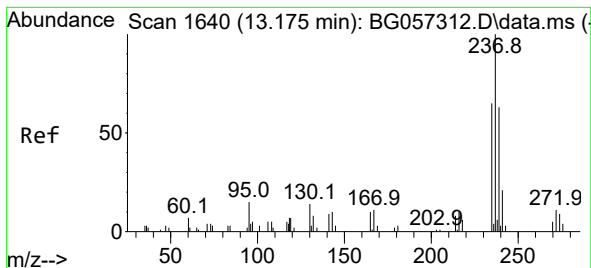
Tgt Ion:142 Resp: 44167
Ion Ratio Lower Upper
142 100
141 89.3 72.9 109.3
116 5.2 3.2 4.8#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.457 ng/ul
RT: 13.198 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:216 Resp: 32297
Ion Ratio Lower Upper
216 100
214 83.3 62.9 94.3
179 17.5 15.3 22.9
108 13.4 11.4 17.2





#40

Hexachlorocyclopentadiene

Concen: 21.790 ng/ul

RT: 13.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Instrument :

BNA_G

ClientSampleId :

SSTD020476

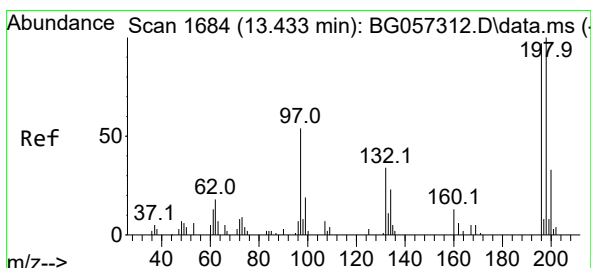
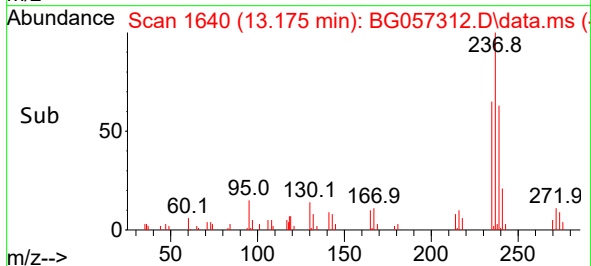
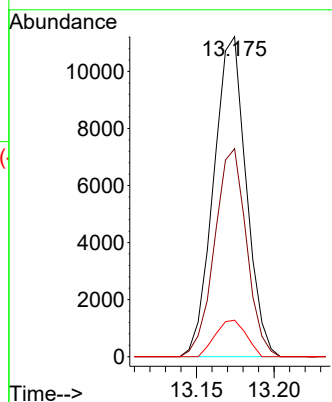
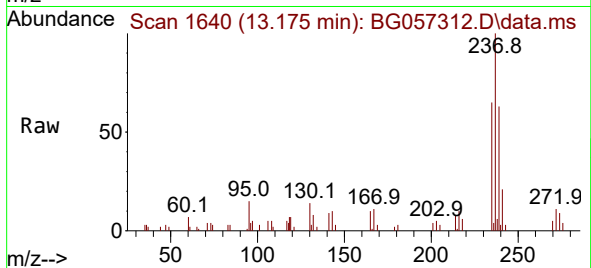
Tgt Ion:237 Resp: 16367

Ion Ratio Lower Upper

237 100

235 65.0 51.4 77.0

272 11.4 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 21.276 ng/ul

RT: 13.433 min Scan# 1684

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

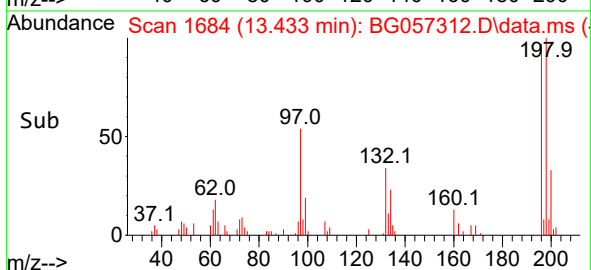
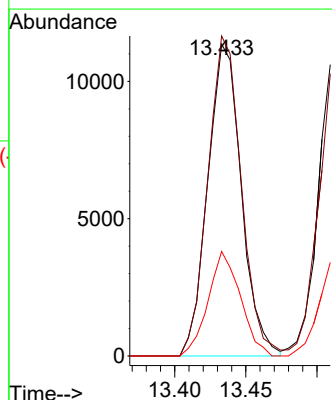
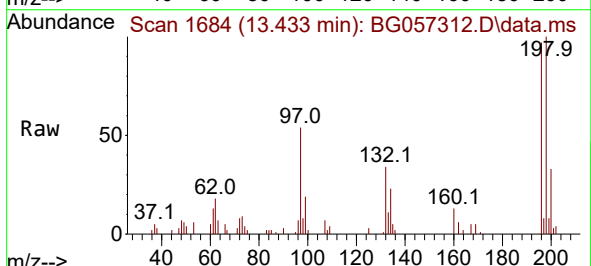
Tgt Ion:196 Resp: 18651

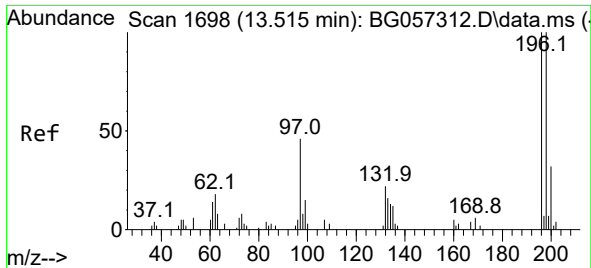
Ion Ratio Lower Upper

196 100

198 102.6 83.8 125.8

200 33.5 26.6 40.0

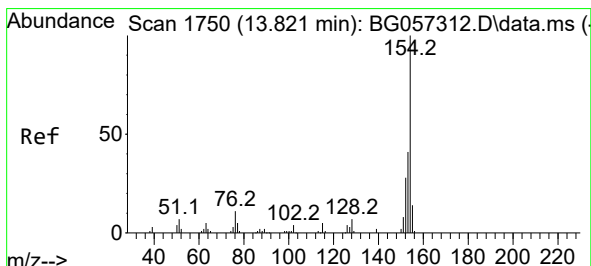
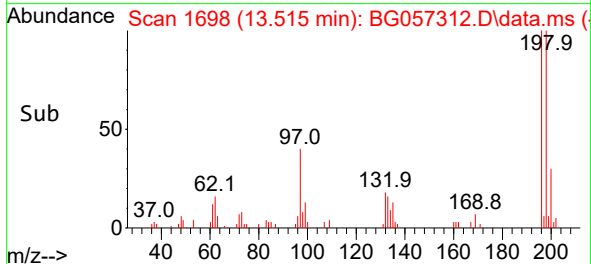
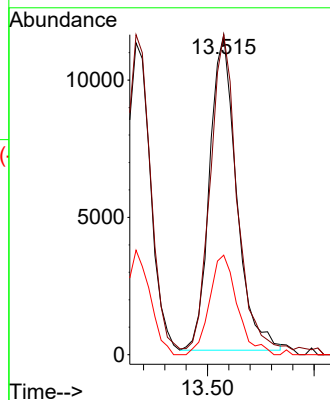
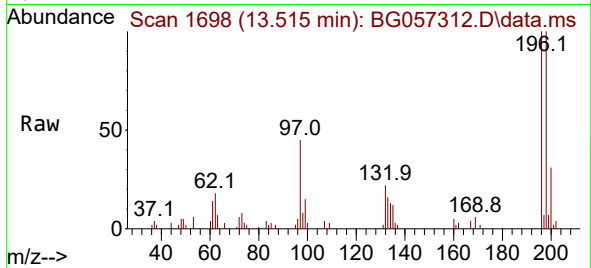




#42
2,4,5-Trichlorophenol
Concen: 21.380 ng/ul
RT: 13.515 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

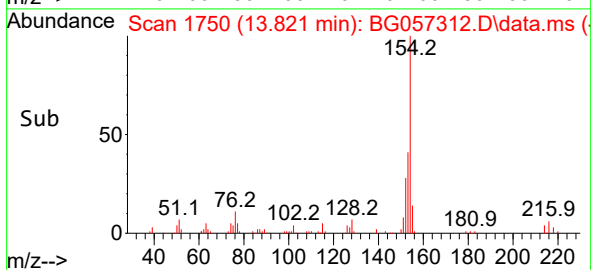
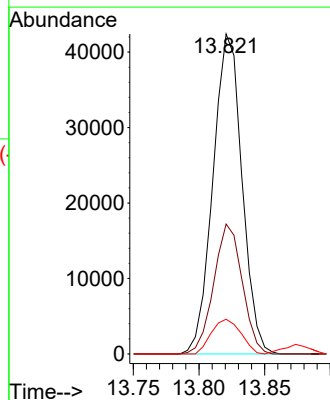
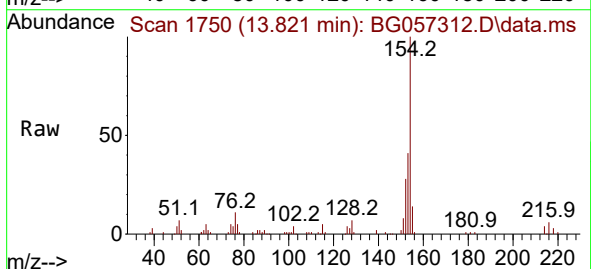
Instrument :
BNA_G
ClientSampleId :
SSTD020476

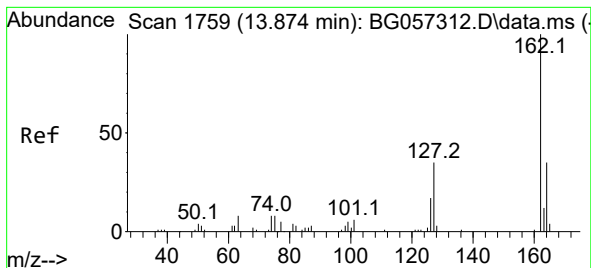
Tgt Ion:196 Resp: 20122
Ion Ratio Lower Upper
196 100
198 100.1 85.7 128.5
200 31.1 29.9 44.9



#43
1,1'-Biphenyl
Concen: 20.608 ng/ul
RT: 13.821 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:154 Resp: 65129
Ion Ratio Lower Upper
154 100
153 40.6 31.6 47.4
76 10.9 8.0 12.0





#44

2-Chloronaphthalene

Concen: 21.203 ng/ul

RT: 13.874 min Scan# 1759

Delta R.T. 0.000 min

Lab File: BG057312.D

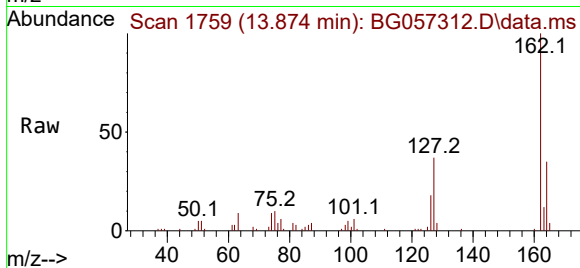
Acq: 5 May 2023 10:10

Instrument :

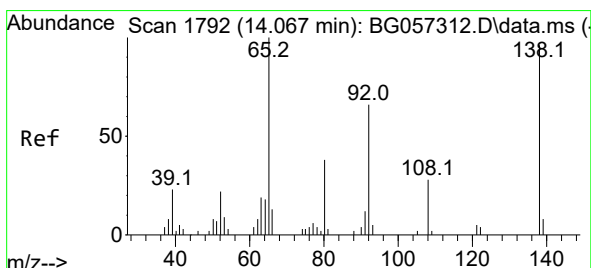
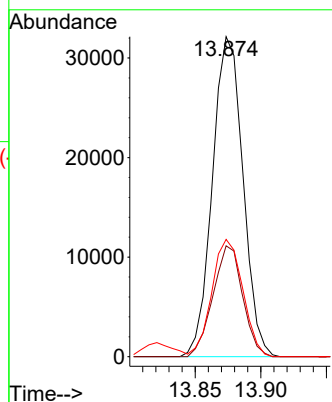
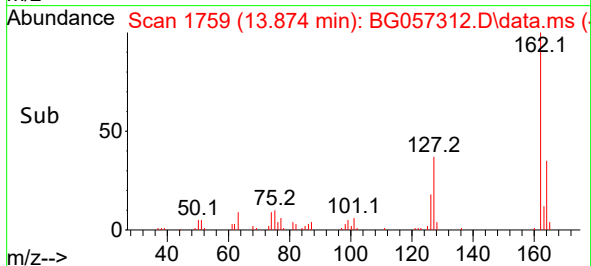
BNA_G

ClientSampleId :

SSTD020476



Tgt Ion:	162	Resp:	51957
Ion Ratio	Lower	Upper	
162	100		
164	34.7	26.2	39.4
127	36.7	29.4	44.2



#45

2-Nitroaniline

Concen: 21.692 ng/ul

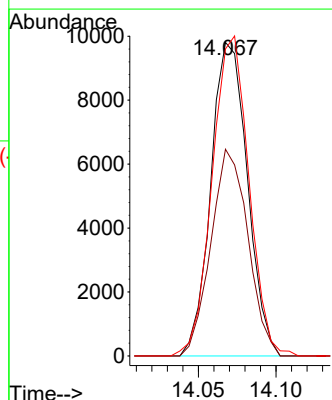
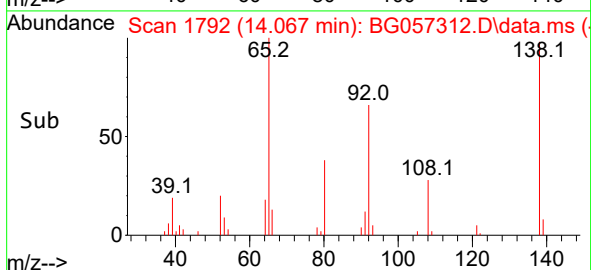
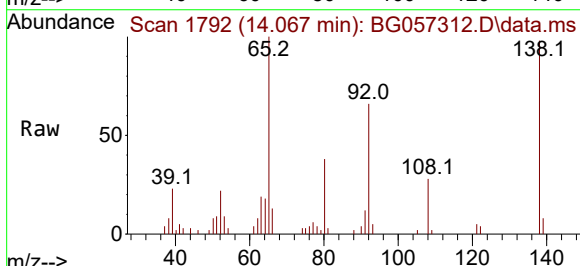
RT: 14.067 min Scan# 1792

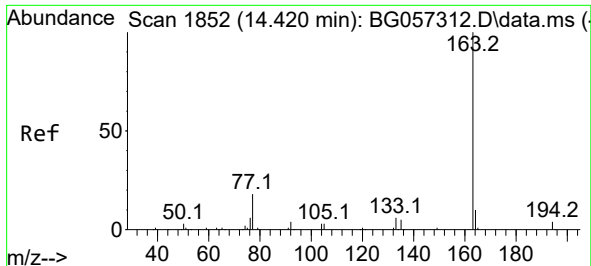
Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Tgt Ion:	65	Resp:	16047
Ion Ratio	Lower	Upper	
65	100		
92	65.9	51.8	77.6
138	98.0	71.9	107.9





#47

Dimethylphthalate

Concen: 22.169 ng/ul

RT: 14.420 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Instrument :

BNA_G

ClientSampleId :

SSTD020476

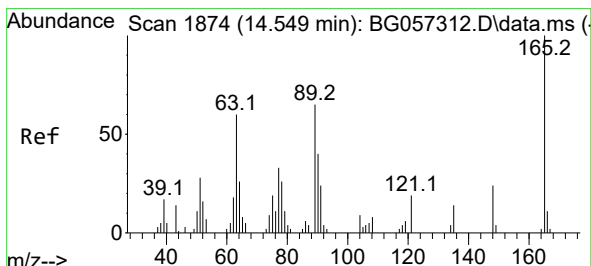
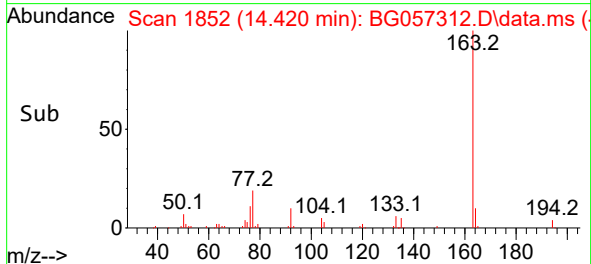
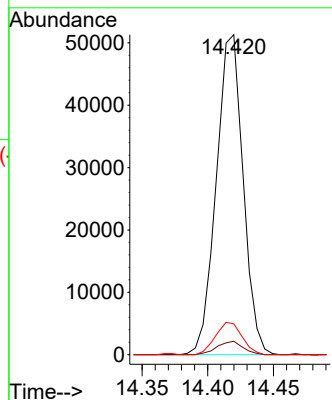
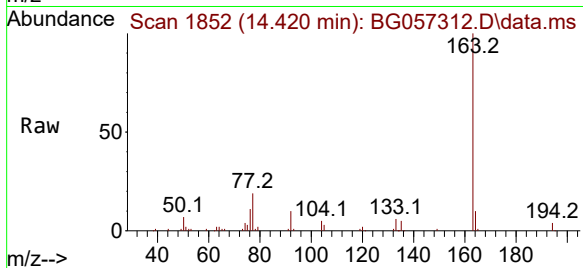
Tgt Ion:163 Resp: 73062

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 9.7 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 21.931 ng/ul

RT: 14.549 min Scan# 1874

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

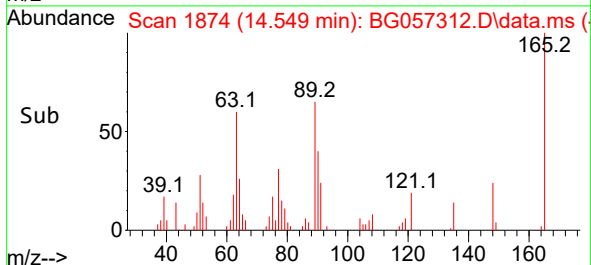
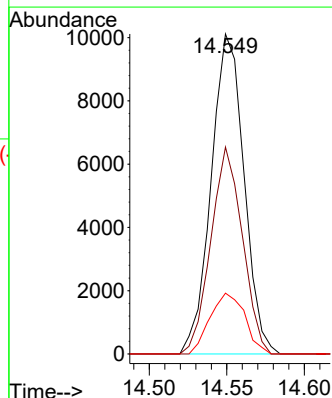
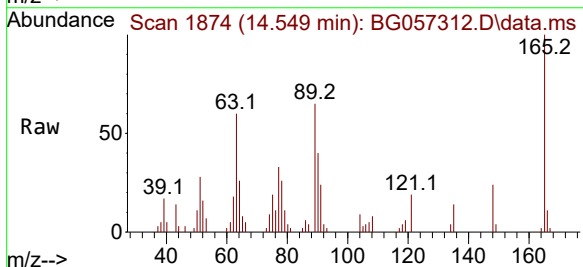
Tgt Ion:165 Resp: 14875

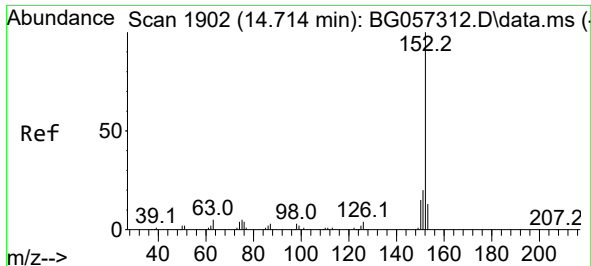
Ion Ratio Lower Upper

165 100

89 64.7 50.6 76.0

121 19.0 16.8 25.2

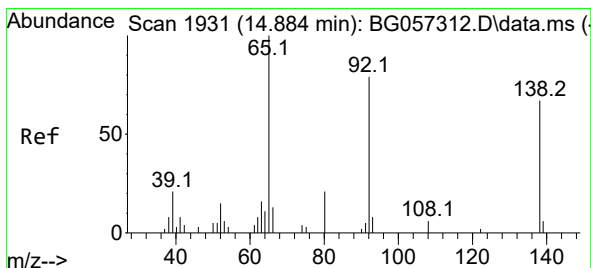
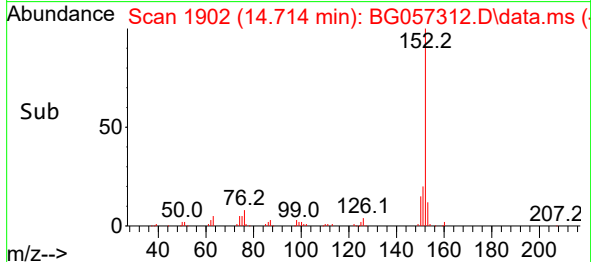
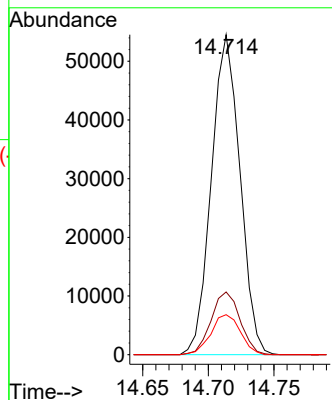
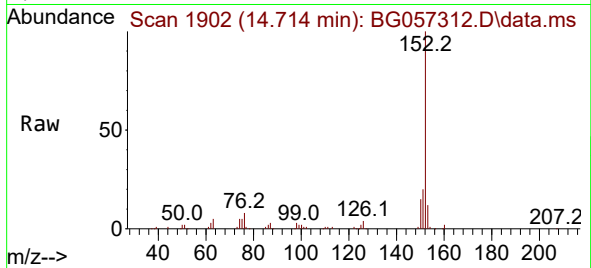




#50
Acenaphthylene
Concen: 22.022 ng/ul
RT: 14.714 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

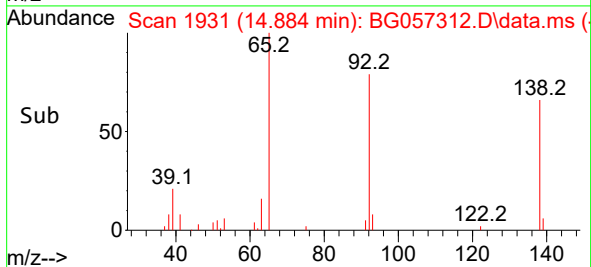
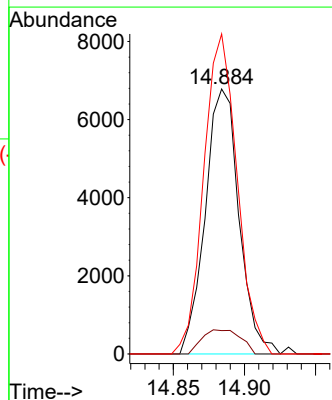
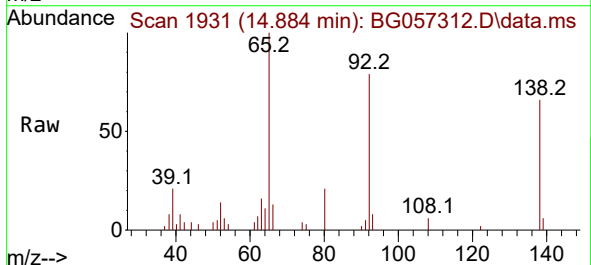
Instrument :
BNA_G
ClientSampleId :
SSTD020476

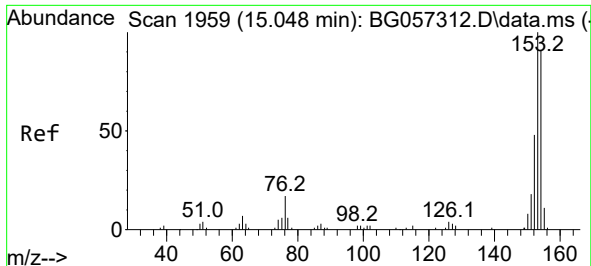
Tgt Ion:152 Resp: 82548
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5
153 12.5 10.1 15.1



#51
3-Nitroaniline
Concen: 23.332 ng/ul
RT: 14.884 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:138 Resp: 11213
Ion Ratio Lower Upper
138 100
108 8.8 9.2 13.8#
92 120.8 99.5 149.3

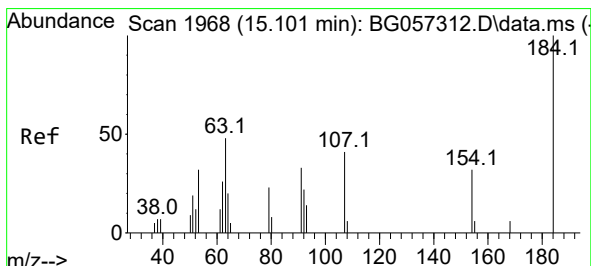
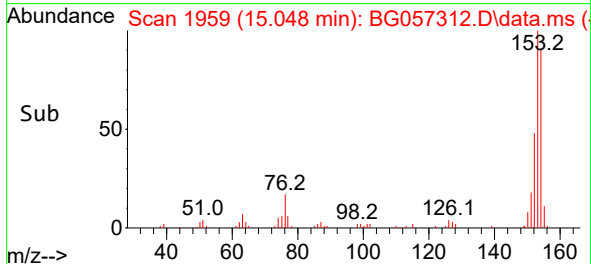
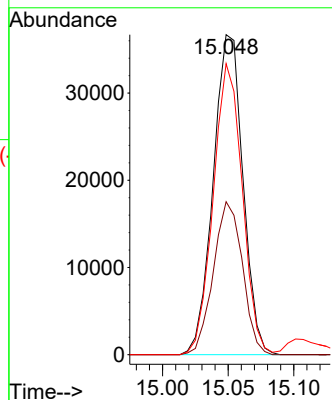
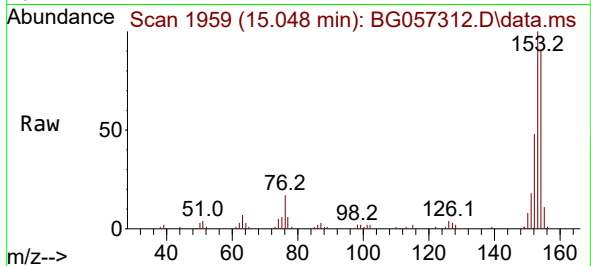




#52
Acenaphthene
Concen: 21.692 ng/ul
RT: 15.048 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

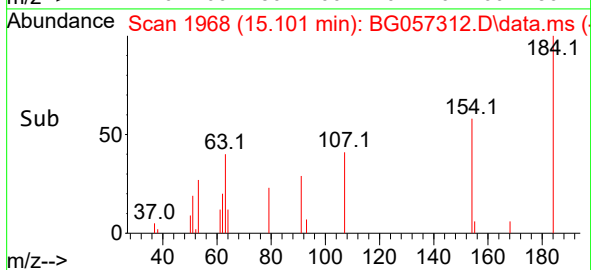
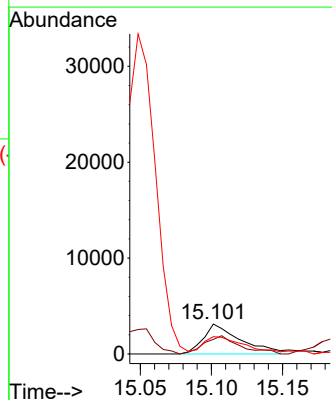
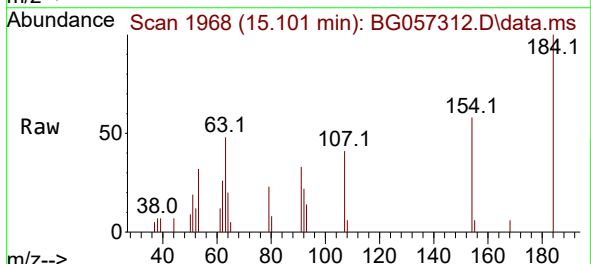
Instrument :
BNA_G
ClientSampleId :
SSTD020476

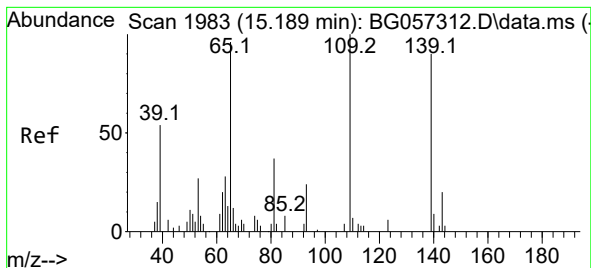
Tgt Ion:153 Resp: 57933
Ion Ratio Lower Upper
153 100
152 47.8 36.5 54.7
154 90.9 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 15.645 ng/ul
RT: 15.101 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:184 Resp: 5651
Ion Ratio Lower Upper
184 100
63 48.4 48.3 72.5
154 57.5 50.0 75.0

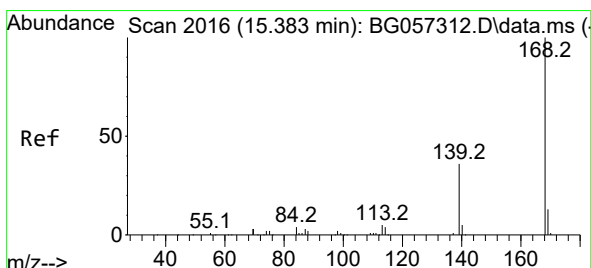
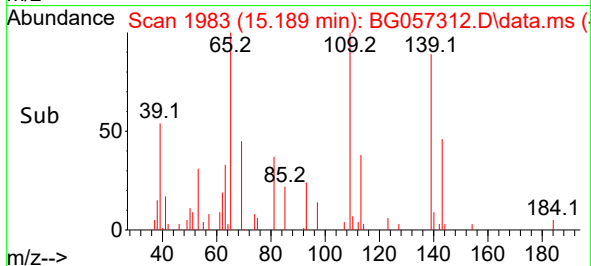
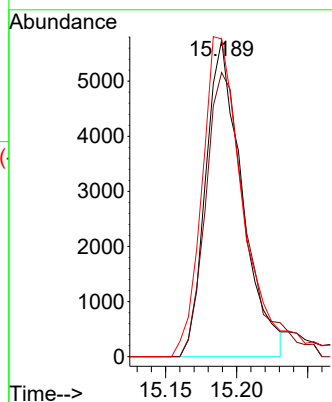
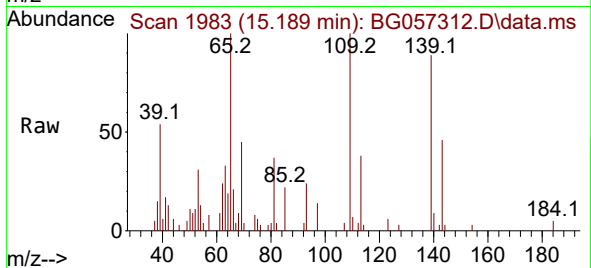




#55
4-Nitrophenol
Concen: 18.780 ng/ul
RT: 15.189 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

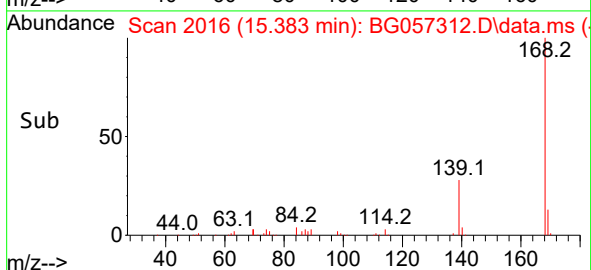
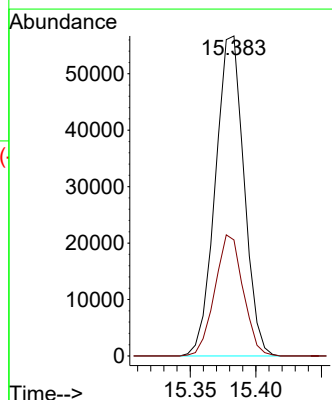
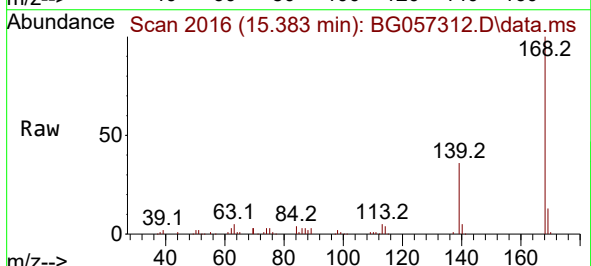
Instrument :
BNA_G
ClientSampleId :
SSTD020476

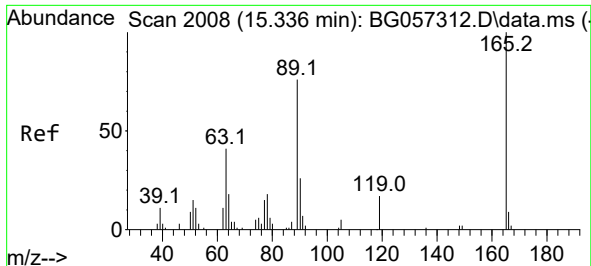
Tgt Ion:109 Resp: 10170
Ion Ratio Lower Upper
109 100
139 89.8 73.8 110.8
65 100.4 81.7 122.5



#56
Dibenzofuran
Concen: 22.313 ng/ul
RT: 15.383 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:168 Resp: 86054
Ion Ratio Lower Upper
168 100
139 36.2 29.6 44.4

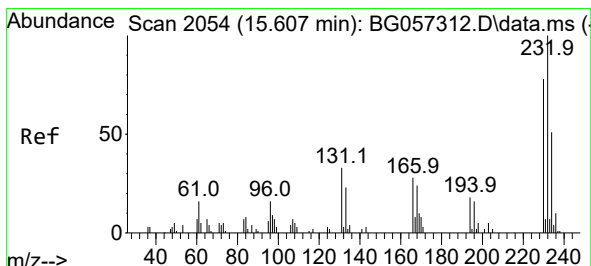
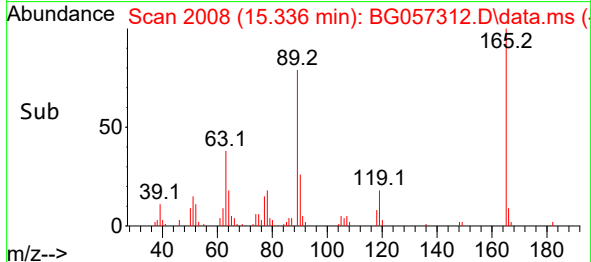
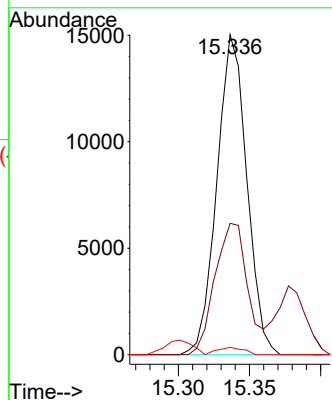
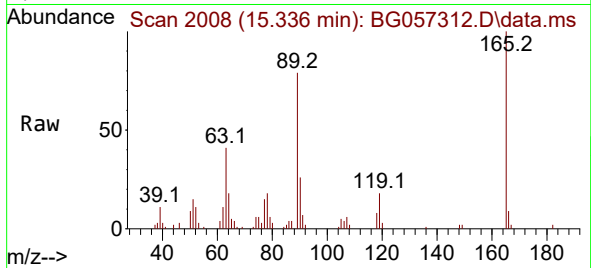




#57
2,4-Dinitrotoluene
Concen: 22.623 ng/ul
RT: 15.336 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

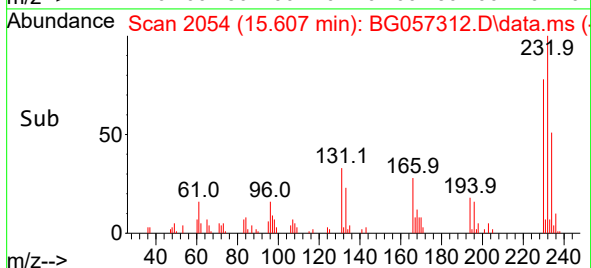
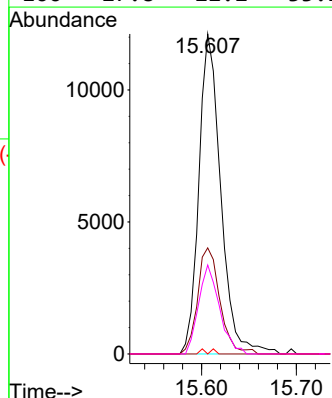
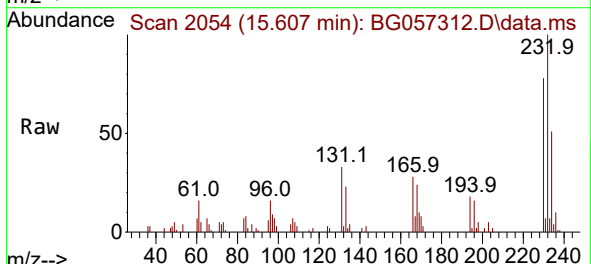
Instrument :
BNA_G
ClientSampleId :
SSTD020476

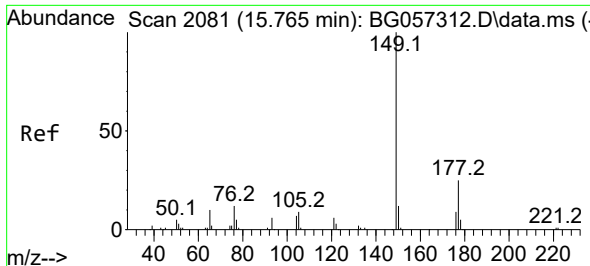
Tgt Ion:165 Resp: 21966
Ion Ratio Lower Upper
165 100
63 41.1 35.9 53.9
182 2.3 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.778 ng/ul
RT: 15.607 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:232 Resp: 19480
Ion Ratio Lower Upper
232 100
131 33.1 28.6 43.0
130 0.0 1.8 2.6#
166 27.8 22.2 33.2

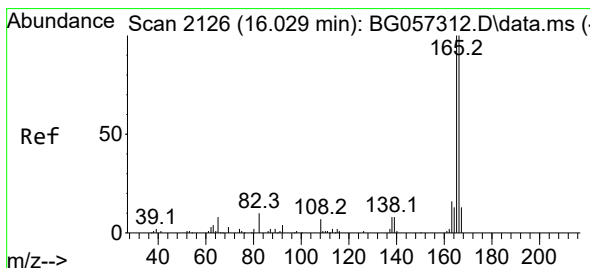
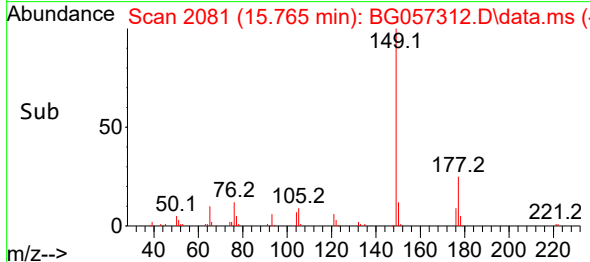
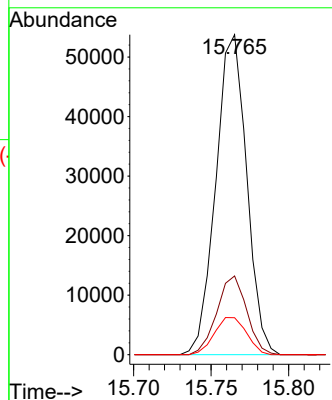
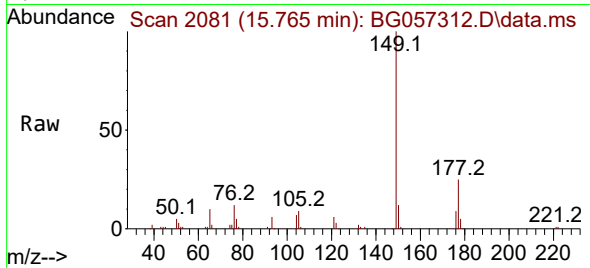




#59
Diethylphthalate
Concen: 22.197 ng/ul
RT: 15.765 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

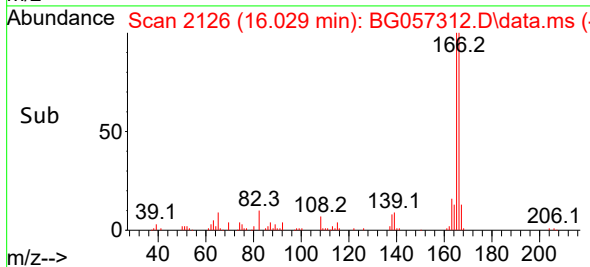
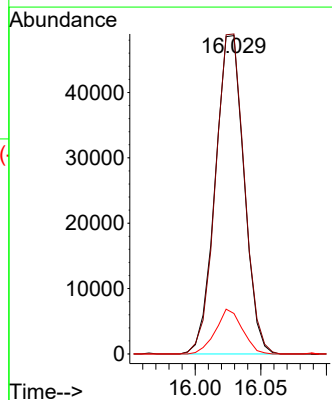
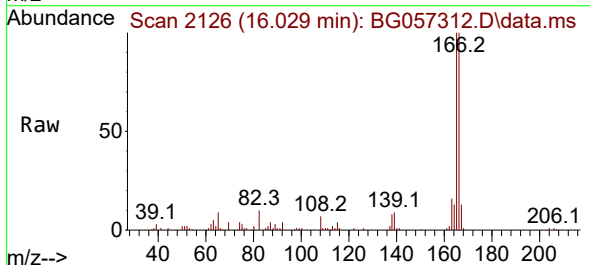
Instrument :
BNA_G
ClientSampleId :
SSTD020476

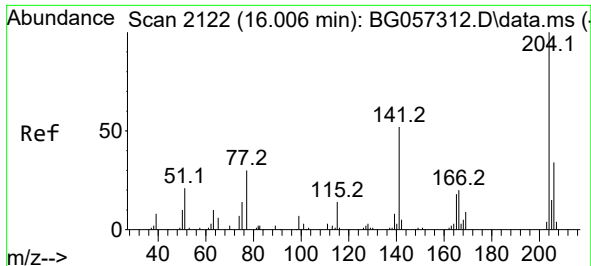
Tgt Ion:149 Resp: 74325
Ion Ratio Lower Upper
149 100
177 24.6 18.6 28.0
150 11.5 9.8 14.8



#61
Fluorene
Concen: 22.711 ng/ul
RT: 16.029 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:166 Resp: 74064
Ion Ratio Lower Upper
166 100
165 100.5 80.1 120.1
167 12.7 10.2 15.4

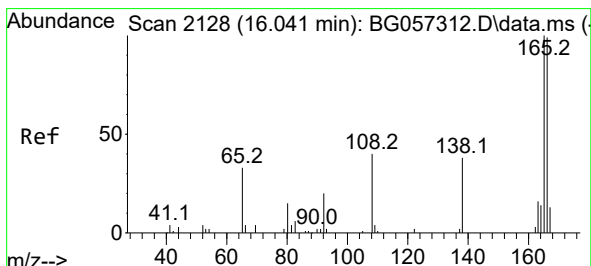
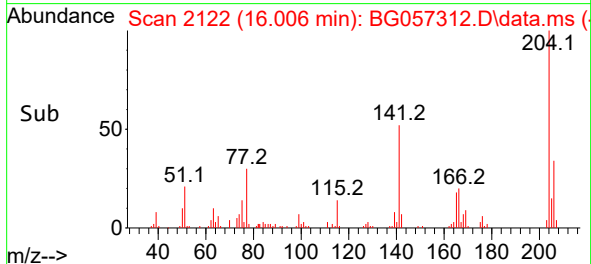
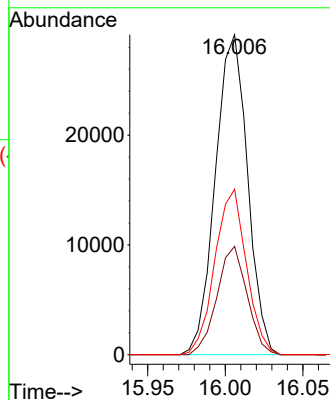
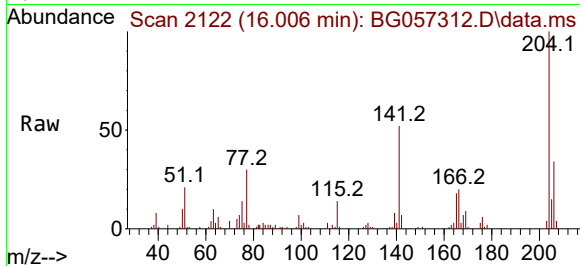




#62
4-Chlorophenyl-phenylether
Concen: 22.115 ng/ul
RT: 16.006 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

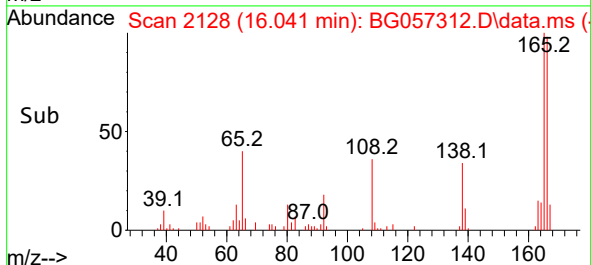
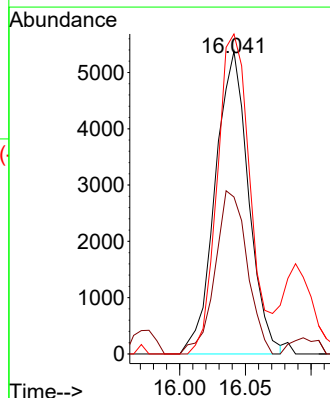
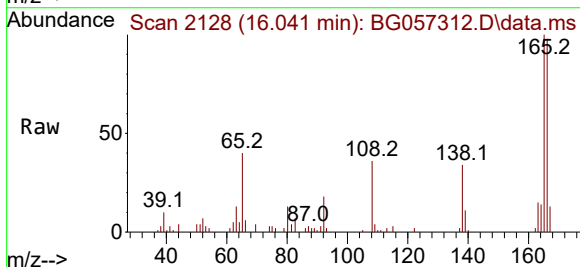
Instrument :
BNA_G
ClientSampleId :
SSTD020476

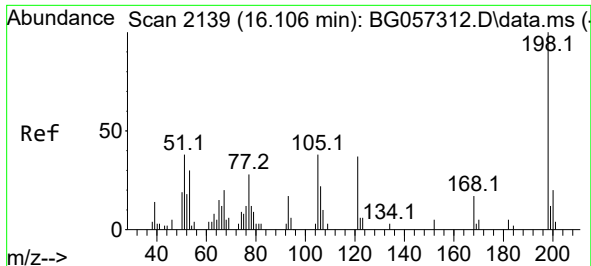
Tgt Ion:204 Resp: 42094
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 51.7 41.5 62.3



#63
4-Nitroaniline
Concen: 20.868 ng/ul
RT: 16.041 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:138 Resp: 9497
Ion Ratio Lower Upper
138 100
92 51.9 39.9 59.9
108 105.8 89.1 133.7

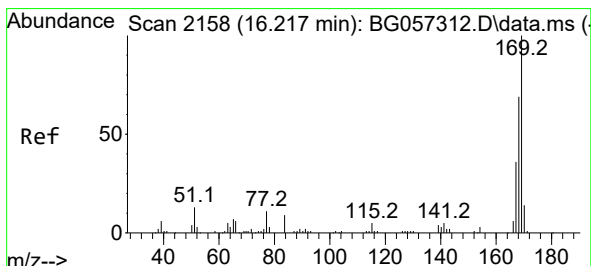
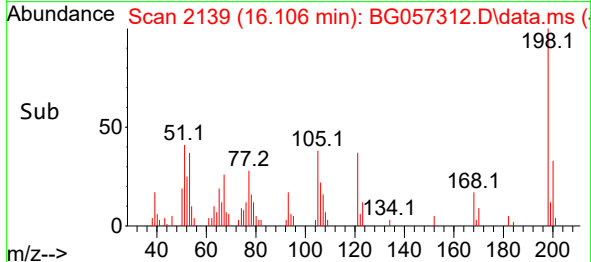
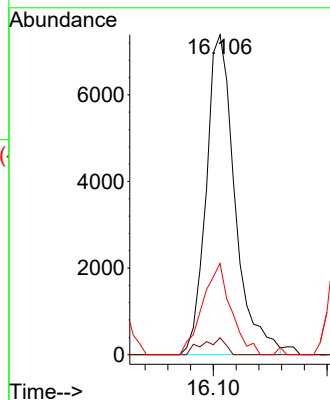
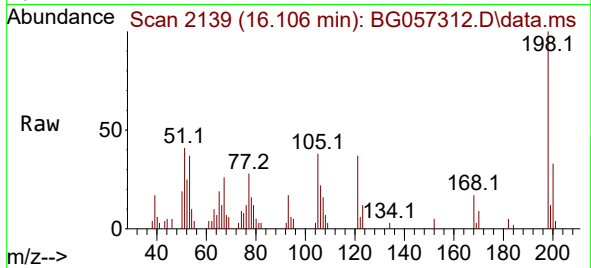




#66
 4,6-Dinitro-2-methylphenol
 Concen: 19.501 ng/ul
 RT: 16.106 min Scan# 2139
 Delta R.T. 0.000 min
 Lab File: BG057312.D
 Acq: 5 May 2023 10:10

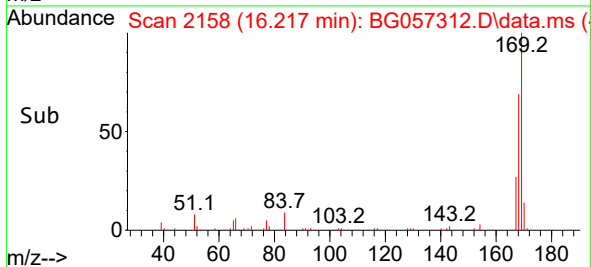
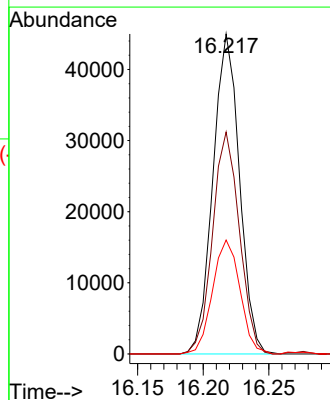
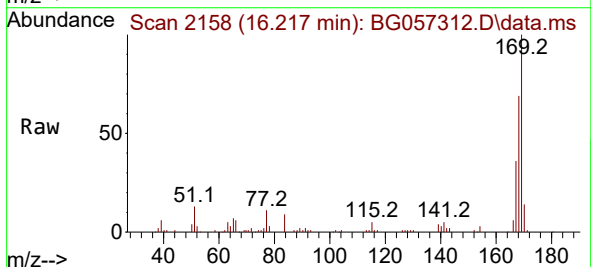
Instrument :
 BNA_G
 ClientSampleId :
 SST020476

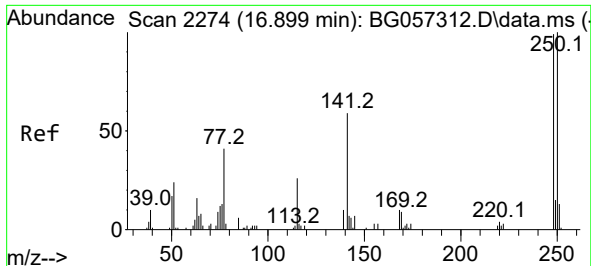
Tgt Ion:198 Resp: 12982
 Ion Ratio Lower Upper
 198 100
 182 5.3 3.0 4.6#
 77 28.5 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 21.957 ng/ul
 RT: 16.217 min Scan# 2158
 Delta R.T. 0.000 min
 Lab File: BG057312.D
 Acq: 5 May 2023 10:10

Tgt Ion:169 Resp: 63245
 Ion Ratio Lower Upper
 169 100
 168 69.3 55.4 83.2
 167 35.6 31.0 46.4

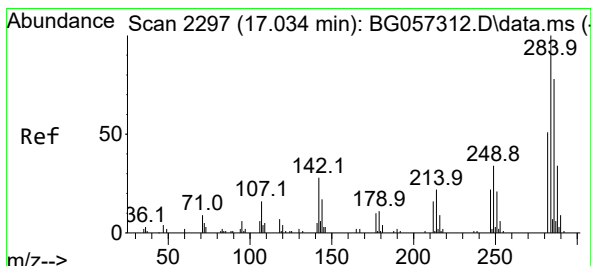
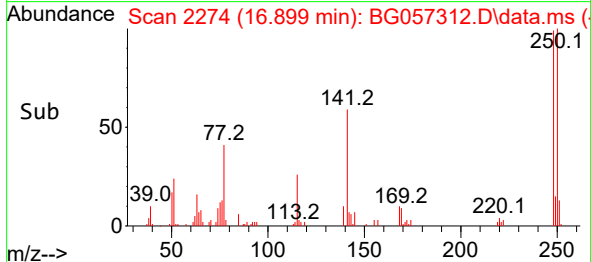
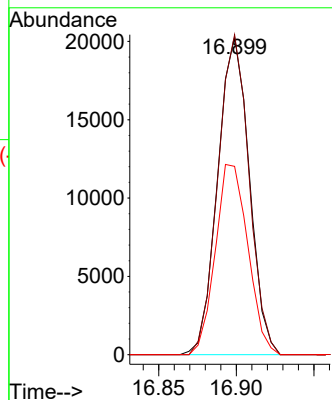
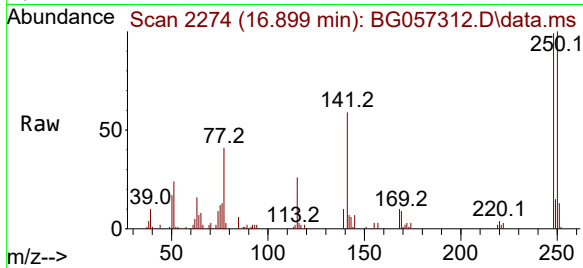




#68
4-Bromophenyl-phenylether
Concen: 21.777 ng/ul
RT: 16.899 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

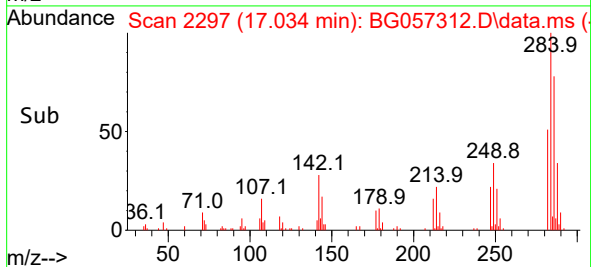
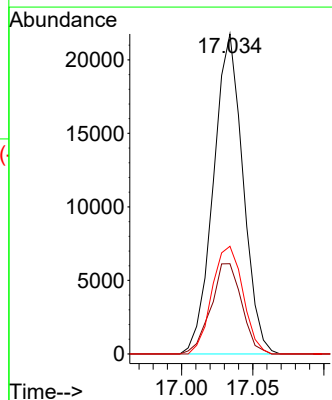
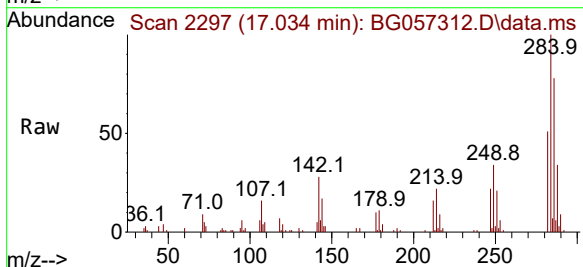
Instrument :
BNA_G
ClientSampleId :
SSTD020476

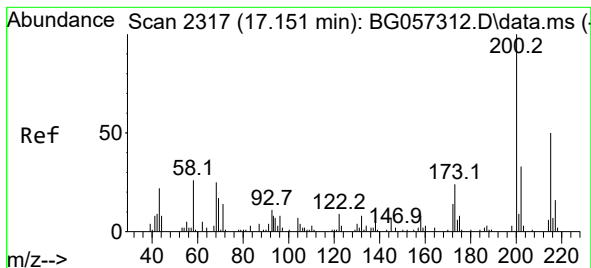
Tgt Ion:248 Resp: 28700
Ion Ratio Lower Upper
248 100
250 100.7 74.8 112.2
141 59.3 47.8 71.6



#69
Hexachlorobenzene
Concen: 22.672 ng/ul
RT: 17.034 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:284 Resp: 31465
Ion Ratio Lower Upper
284 100
142 28.2 22.6 33.8
249 33.6 26.2 39.2





#70

Atrazine

Concen: 23.455 ng/ul

RT: 17.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Instrument :

BNA_G

ClientSampleId :

SSTD020476

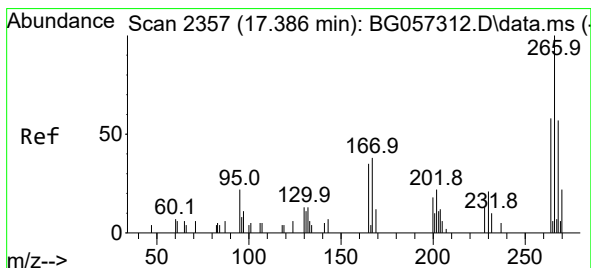
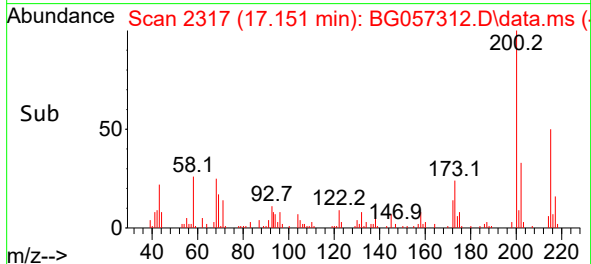
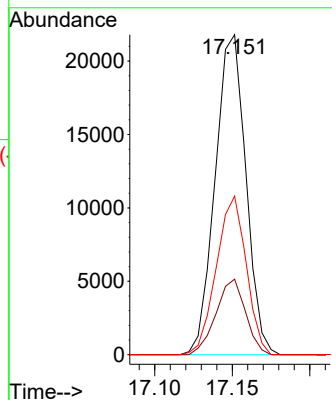
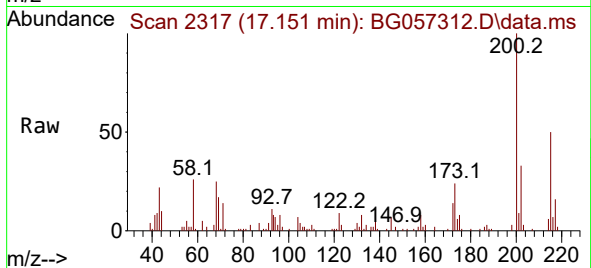
Tgt Ion:200 Resp: 30026

Ion Ratio Lower Upper

200 100

173 23.6 17.8 26.6

215 49.5 40.3 60.5



#71

Pentachlorophenol

Concen: 15.244 ng/ul

RT: 17.386 min Scan# 2357

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

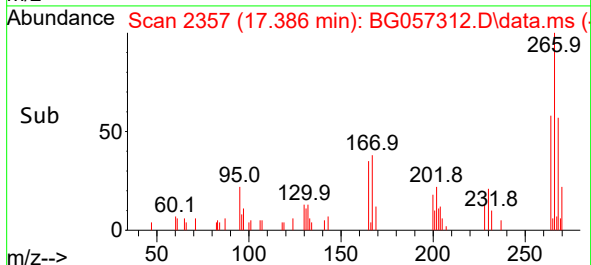
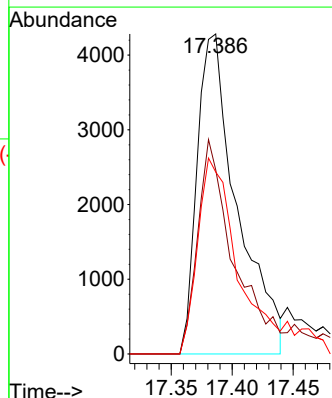
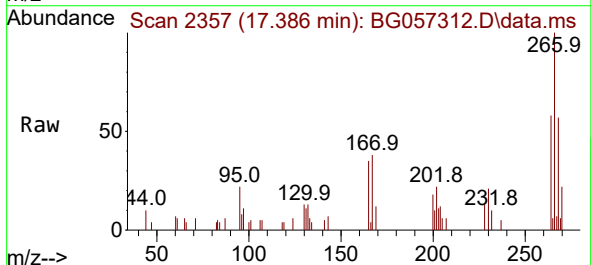
Tgt Ion:266 Resp: 9779

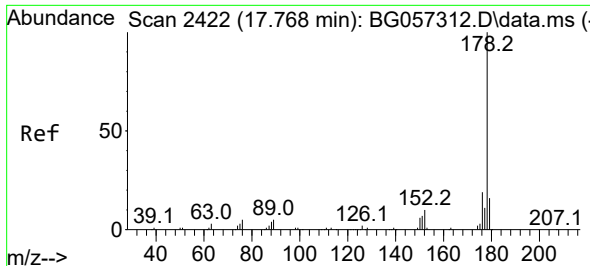
Ion Ratio Lower Upper

266 100

264 57.6 47.8 71.6

268 56.9 48.2 72.4

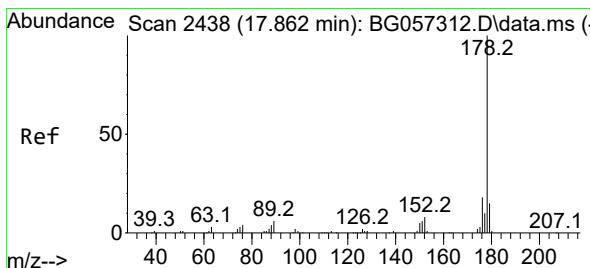
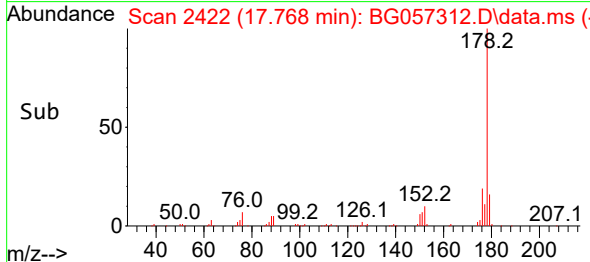
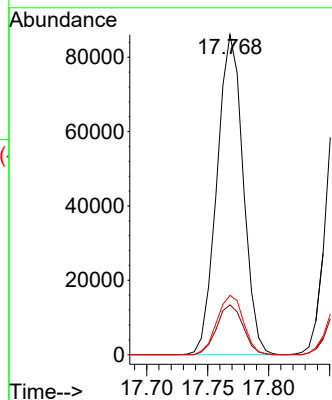
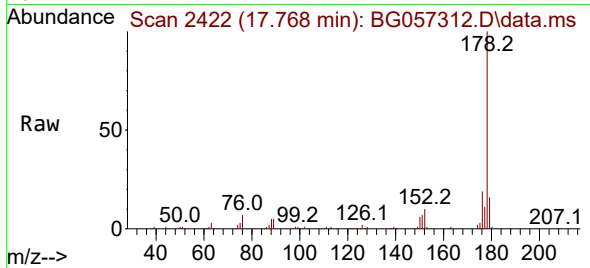




#72
Phenanthrene
Concen: 22.415 ng/ul
RT: 17.768 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

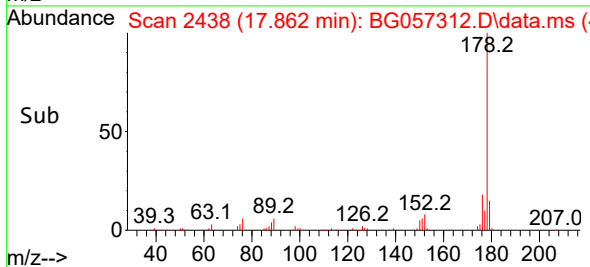
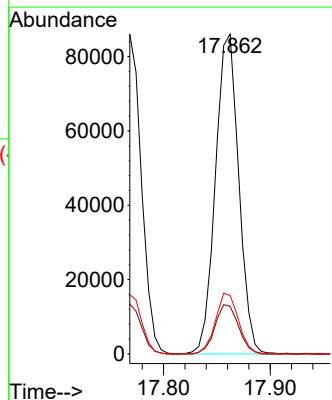
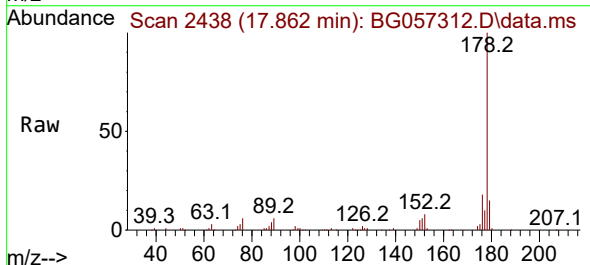
Instrument :
BNA_G
ClientSampleId :
SSTD020476

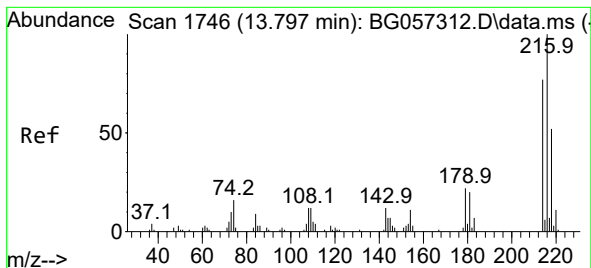
Tgt Ion:178 Resp: 128708
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.8
176 18.5 15.4 23.0



#74
Anthracene
Concen: 22.642 ng/ul
RT: 17.862 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:178 Resp: 130596
Ion Ratio Lower Upper
178 100
179 14.9 12.5 18.7
176 18.3 14.7 22.1

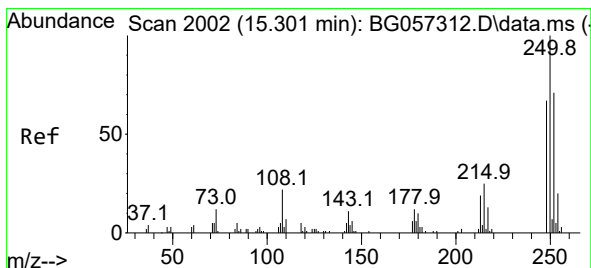
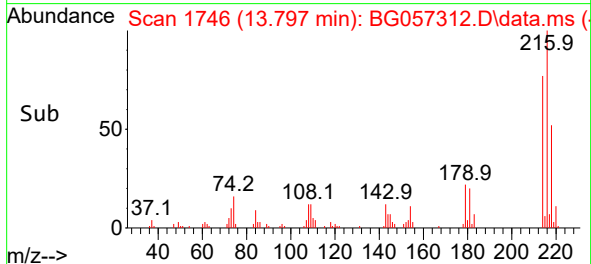
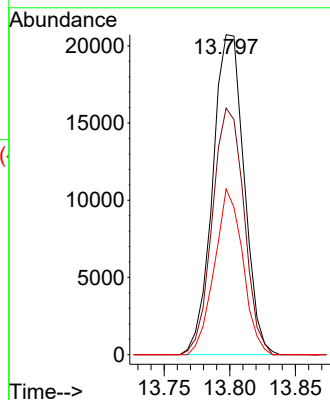
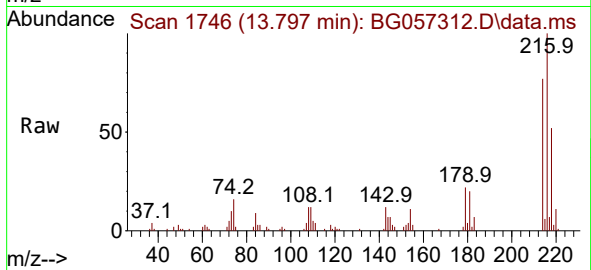




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.808 ng/uL
RT: 13.797 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

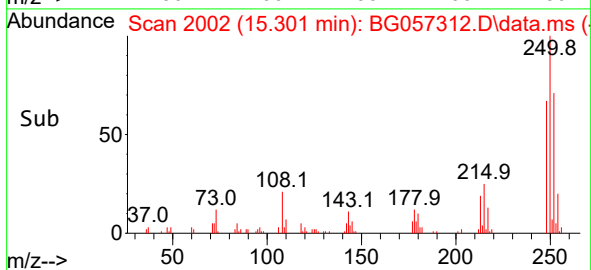
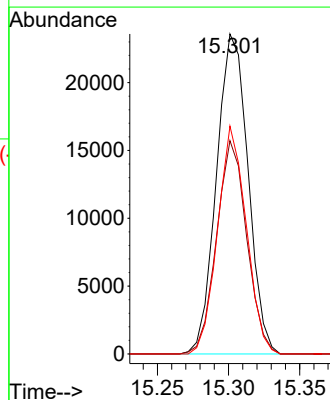
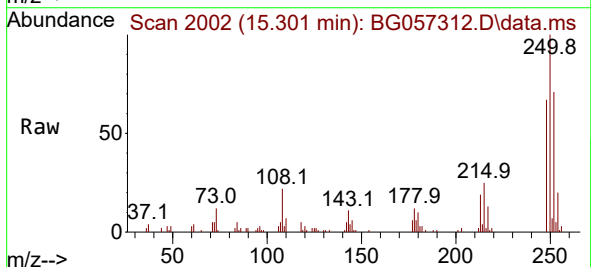
Instrument :
BNA_G
ClientSampleId :
SSTD020476

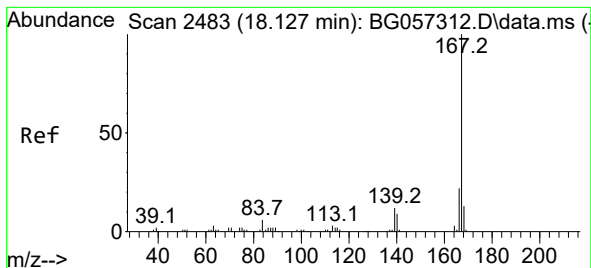
Tgt Ion:216 Resp: 34510
Ion Ratio Lower Upper
216 100
214 77.1 64.3 96.5
218 51.8 38.5 57.7



#76
Pentachlorobenzene
Concen: 21.544 ng/uL
RT: 15.301 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:250 Resp: 36370
Ion Ratio Lower Upper
250 100
248 66.7 52.2 78.2
252 71.2 52.5 78.7





#77

Carbazole

Concen: 23.397 ng/ul

RT: 18.127 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Instrument :

BNA_G

ClientSampleId :

SSTD020476

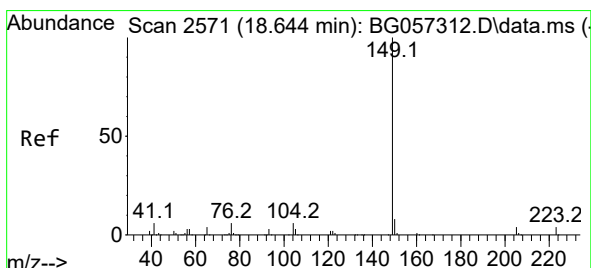
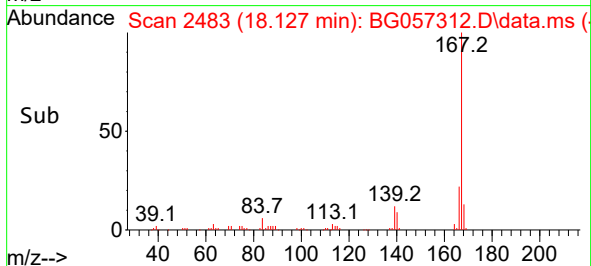
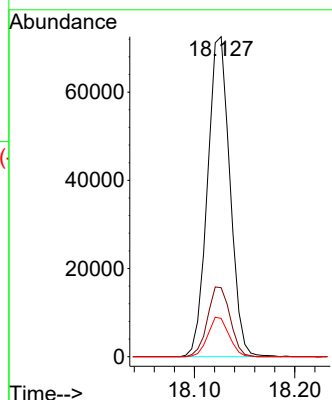
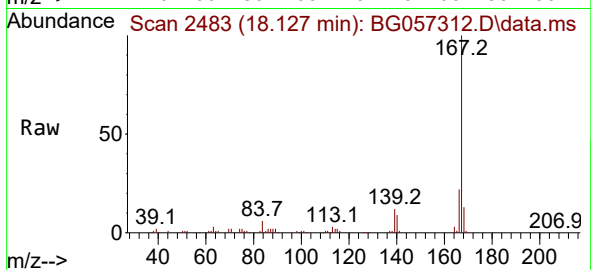
Tgt Ion:167 Resp: 112780

Ion Ratio Lower Upper

167 100

166 21.5 18.0 27.0

139 12.0 10.3 15.5



#78

Di-n-butylphthalate

Concen: 23.091 ng/ul

RT: 18.644 min Scan# 2571

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

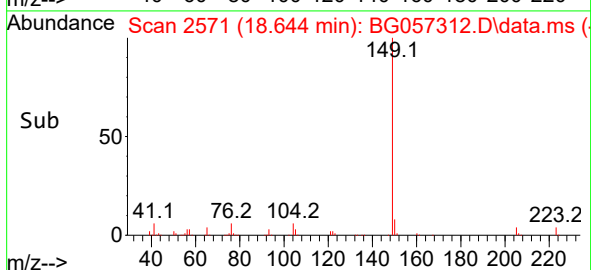
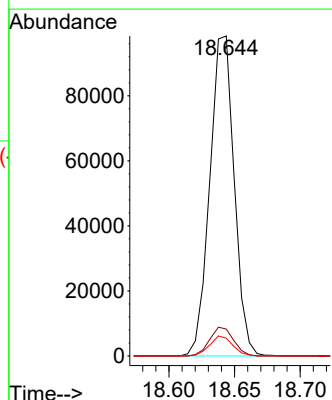
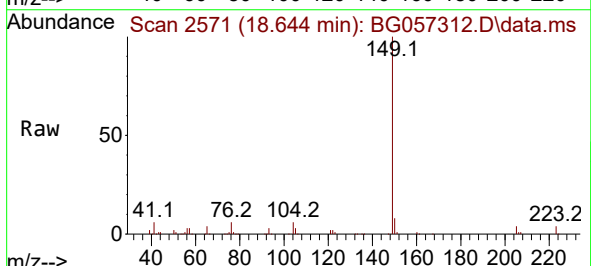
Tgt Ion:149 Resp: 127276

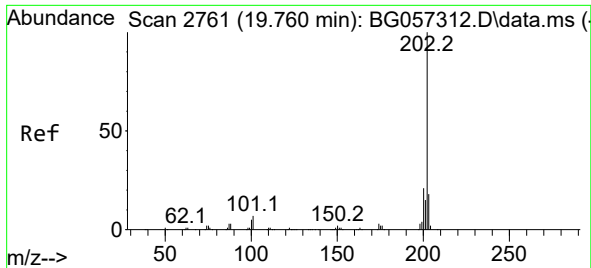
Ion Ratio Lower Upper

149 100

150 8.4 7.3 10.9

104 5.5 5.0 7.6

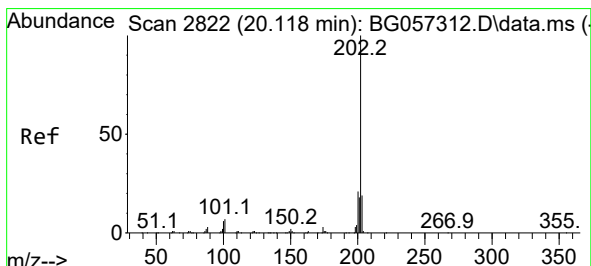
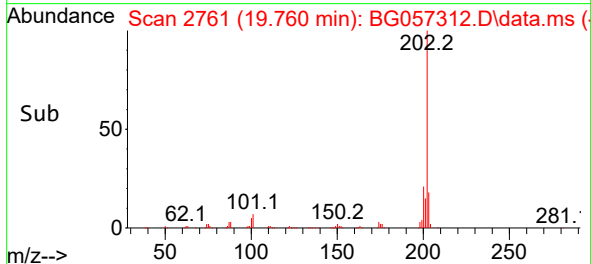
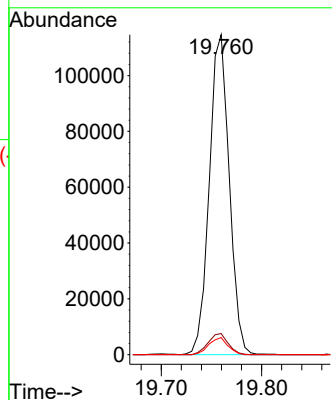
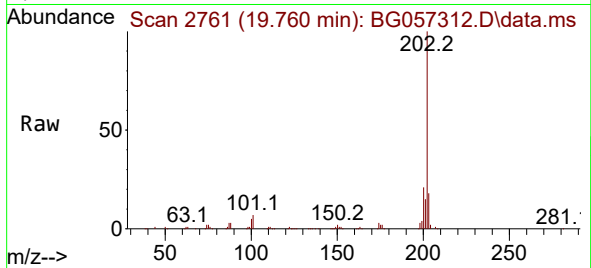




#80
Fluoranthene
Concen: 22.801 ng/ul
RT: 19.760 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

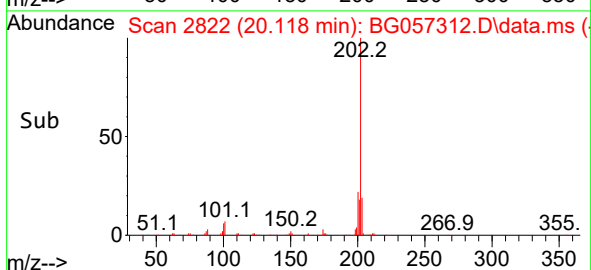
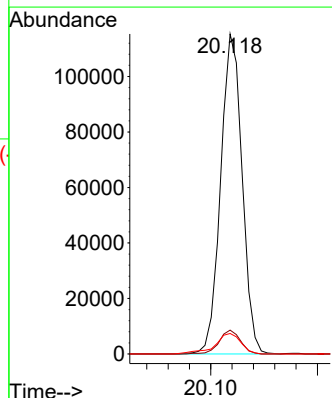
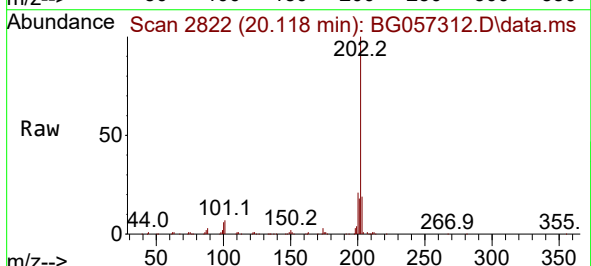
Instrument :
BNA_G
ClientSampleId :
SSTD020476

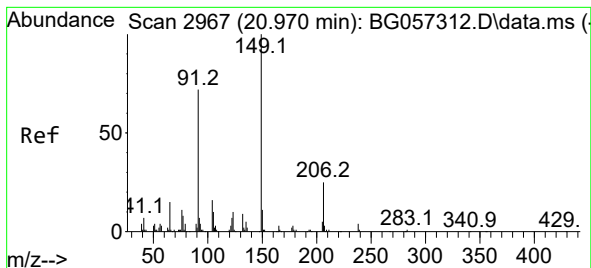
Tgt Ion:202 Resp: 158652
Ion Ratio Lower Upper
202 100
101 6.6 5.8 8.6
100 5.3 4.6 7.0



#82
Pyrene
Concen: 22.839 ng/ul
RT: 20.118 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:202 Resp: 160871
Ion Ratio Lower Upper
202 100
101 7.5 5.7 8.5
100 6.4 6.0 9.0





#83

Butylbenzylphthalate

Concen: 23.616 ng/ul

RT: 20.970 min Scan# 2967

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Instrument :

BNA_G

ClientSampleId :

SSTD020476

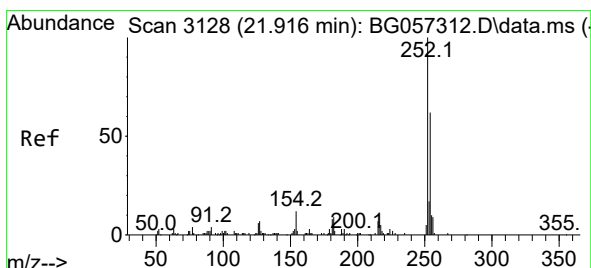
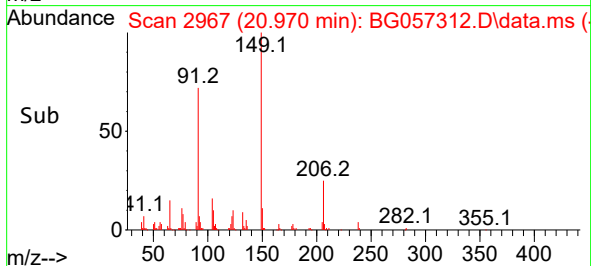
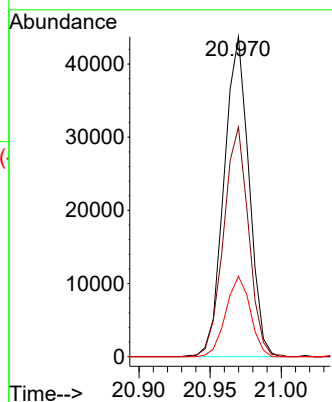
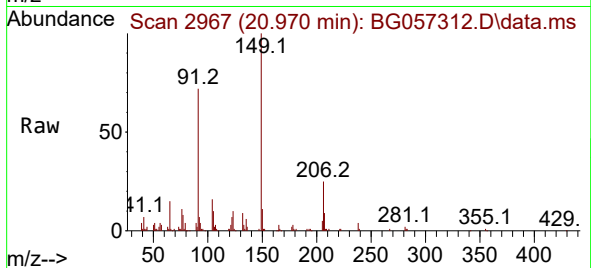
Tgt Ion:149 Resp: 53272

Ion Ratio Lower Upper

149 100

91 71.8 58.6 87.8

206 25.1 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 24.124 ng/ul

RT: 21.916 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

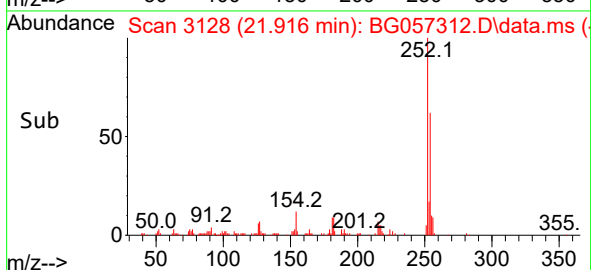
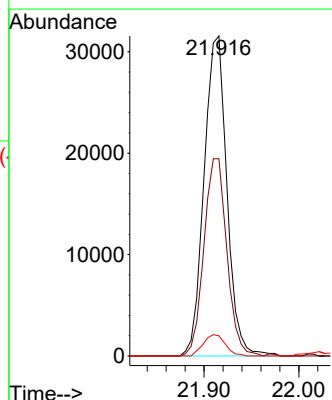
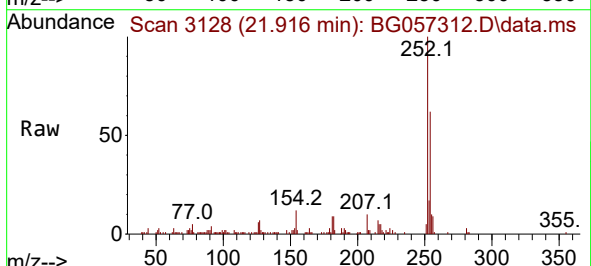
Tgt Ion:252 Resp: 52869

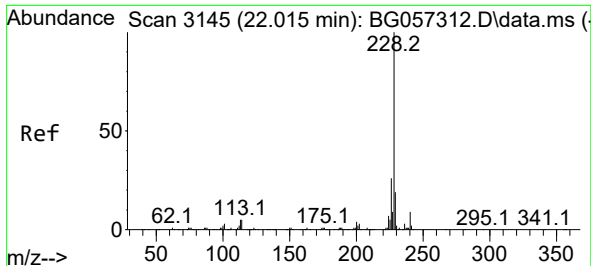
Ion Ratio Lower Upper

252 100

254 61.6 53.7 80.5

126 6.3 5.2 7.8

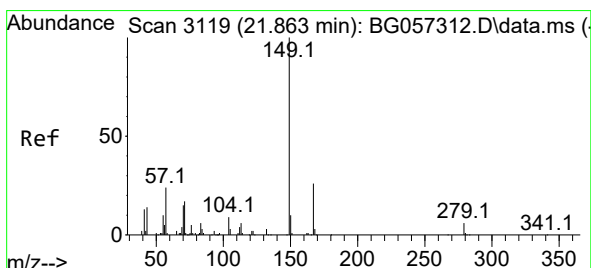
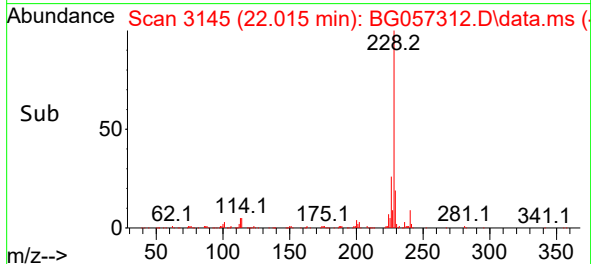
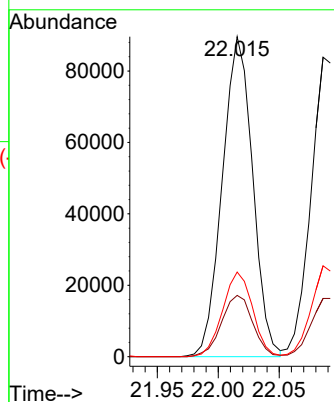
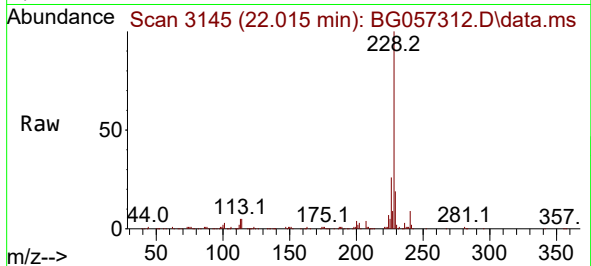




#85
Benzo(a)anthracene
Concen: 22.228 ng/ul
RT: 22.015 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

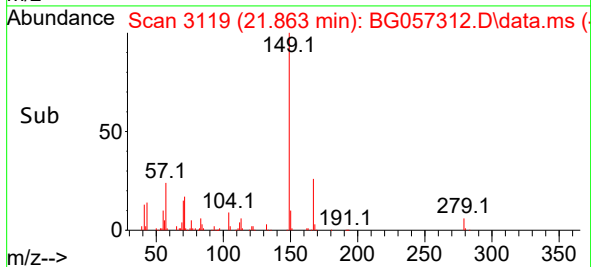
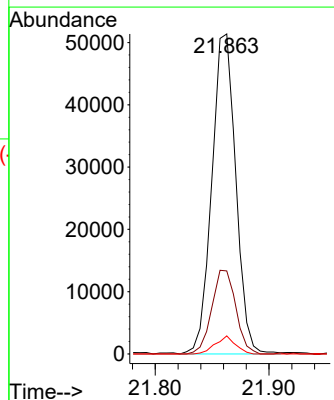
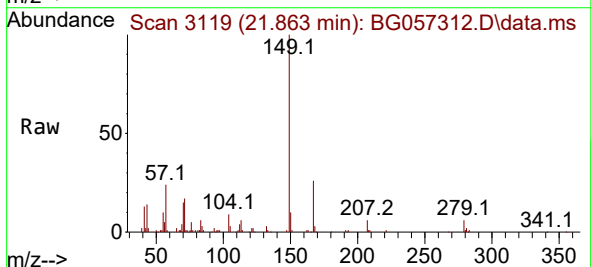
Instrument :
BNA_G
ClientSampleId :
SSTD020476

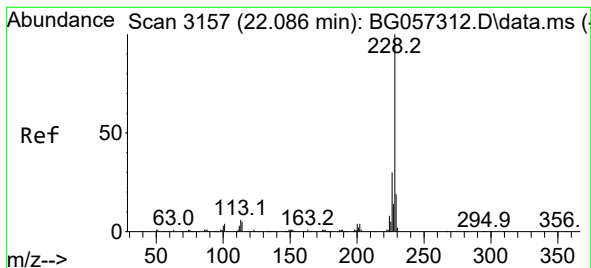
Tgt Ion:228 Resp: 155134
Ion Ratio Lower Upper
228 100
229 19.1 15.8 23.6
226 26.5 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 22.945 ng/ul
RT: 21.863 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BG057312.D
Acq: 5 May 2023 10:10

Tgt Ion:149 Resp: 75277
Ion Ratio Lower Upper
149 100
167 26.0 23.0 34.6
279 5.7 3.6 5.4#





#87

Chrysene

Concen: 21.694 ng/ul

RT: 22.086 min Scan# 3157

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Instrument :

BNA_G

ClientSampleId :

SSTD020476

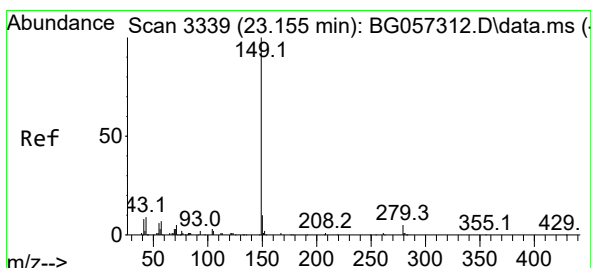
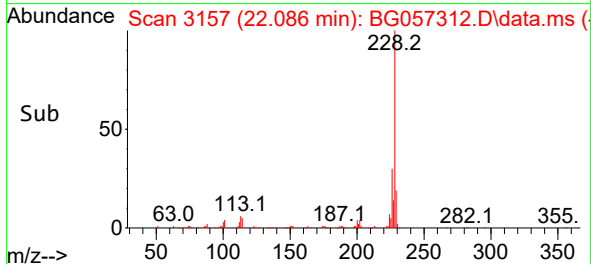
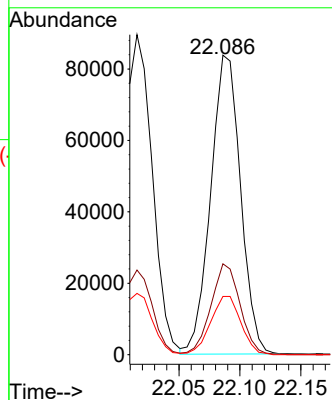
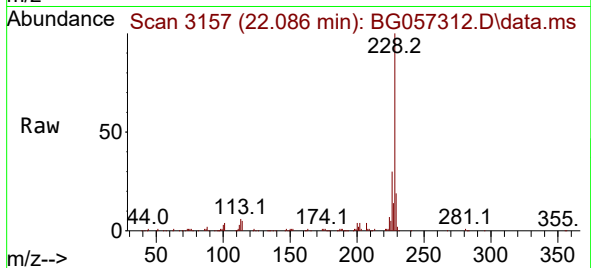
Tgt Ion:228 Resp: 142850

Ion Ratio Lower Upper

228 100

226 30.3 22.8 34.2

229 19.4 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 22.028 ng/ul

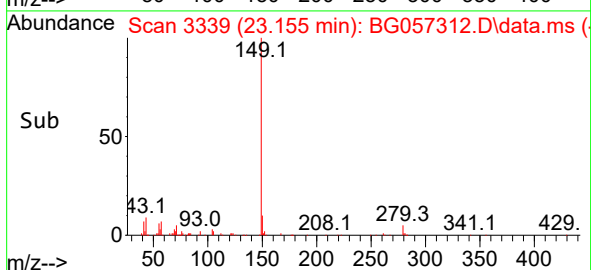
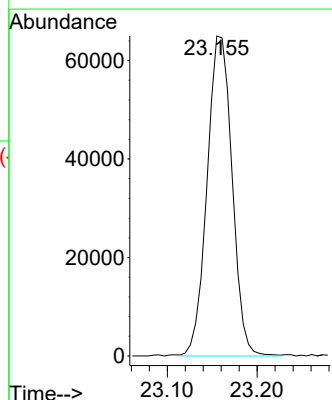
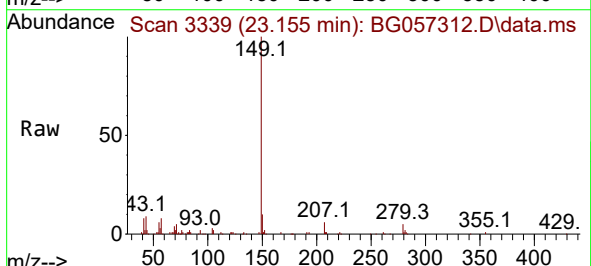
RT: 23.155 min Scan# 3339

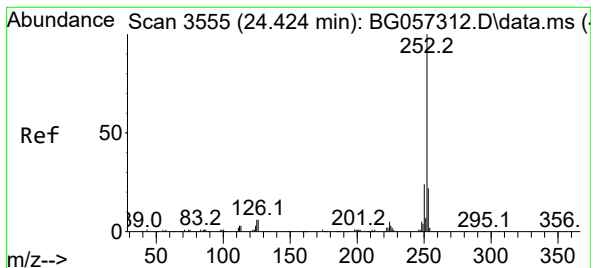
Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Tgt Ion:149 Resp: 125665





#90

Benzo(b)fluoranthene

Concen: 21.583 ng/ul

RT: 24.424 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Instrument :

BNA_G

ClientSampleId :

SSTD020476

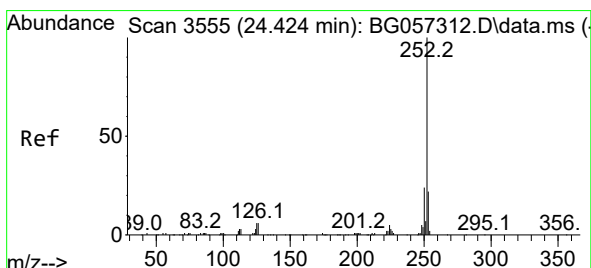
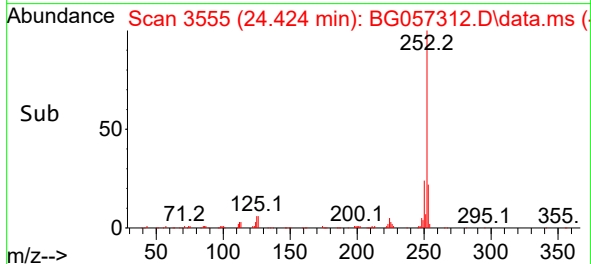
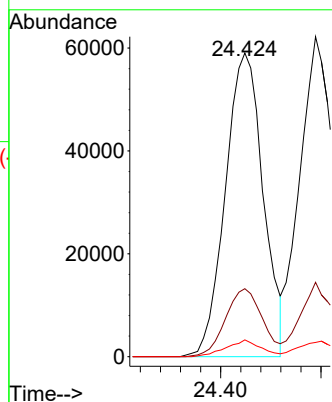
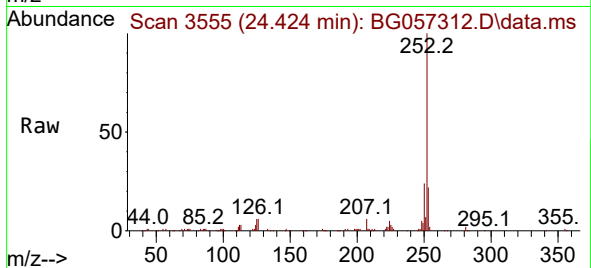
Tgt Ion:252 Resp: 154399

Ion Ratio Lower Upper

252 100

253 22.4 16.7 25.1

125 5.5 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 22.184 ng/ul

RT: 24.424 min Scan# 3555

Delta R.T. -0.070 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

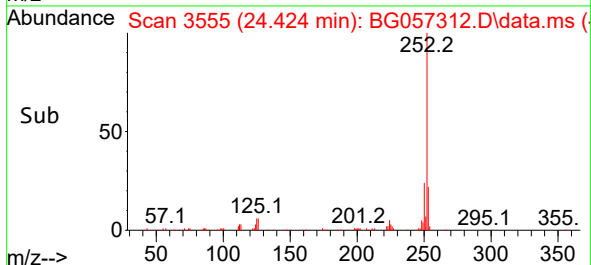
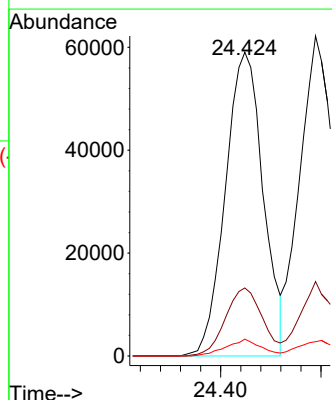
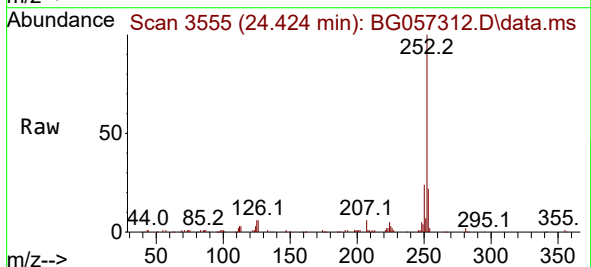
Tgt Ion:252 Resp: 154399

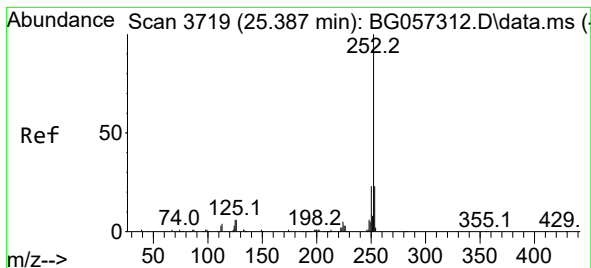
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 5.5 4.5 6.7





#93

Benzo(a)pyrene

Concen: 21.860 ng/ul

RT: 25.387 min Scan# 3719

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Instrument :

BNA_G

ClientSampleId :

SSTD020476

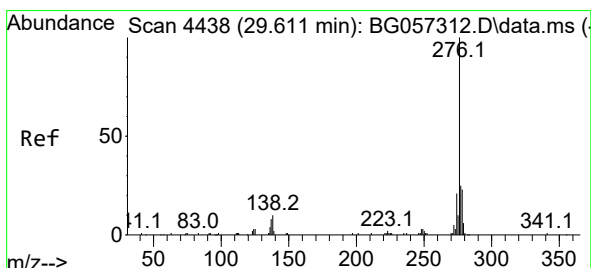
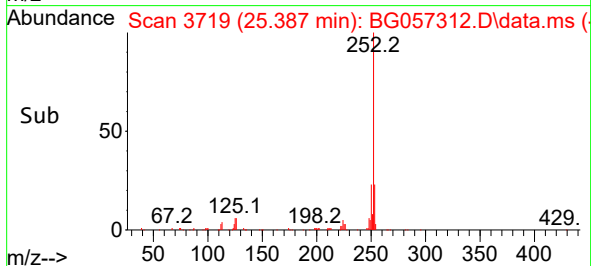
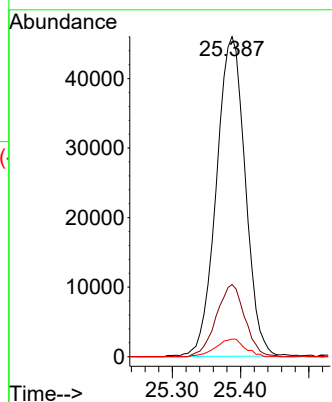
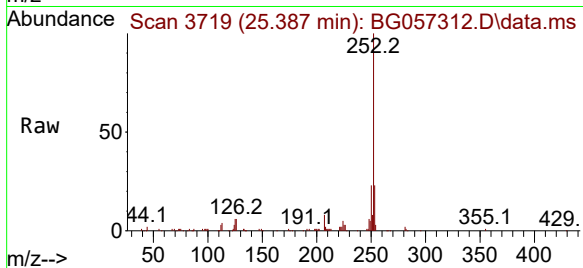
Tgt Ion:252 Resp: 135008

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 5.5 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.844 ng/ul

RT: 29.611 min Scan# 4438

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

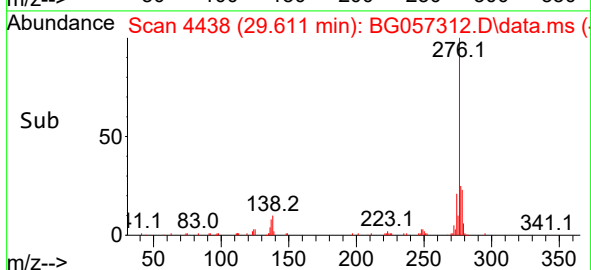
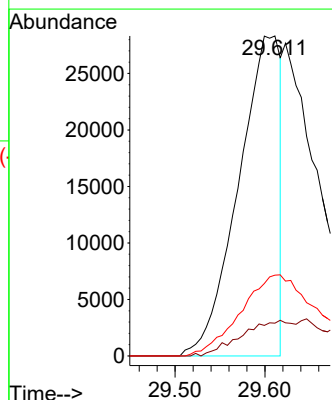
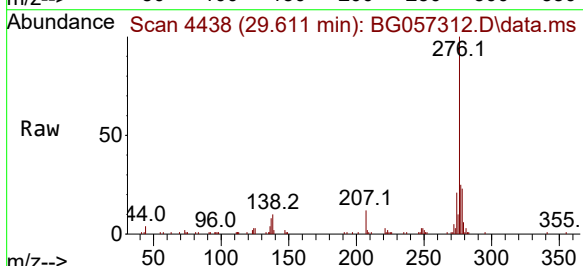
Tgt Ion:276 Resp: 91438

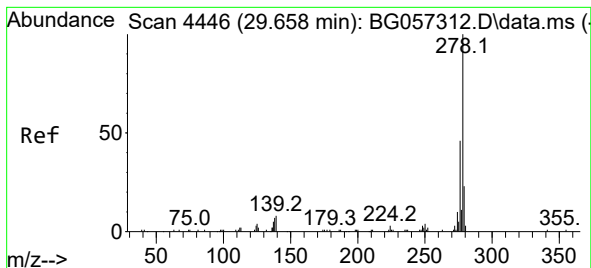
Ion Ratio Lower Upper

276 100

138 10.2 9.4 14.2

277 25.3 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 22.243 ng/ul

RT: 29.658 min Scan# 4446

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Instrument :

BNA_G

ClientSampleId :

SSTD020476

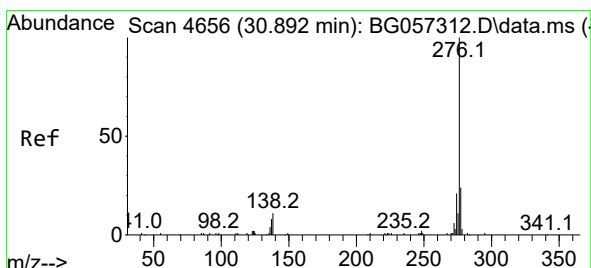
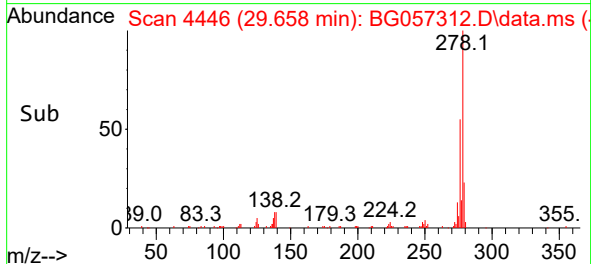
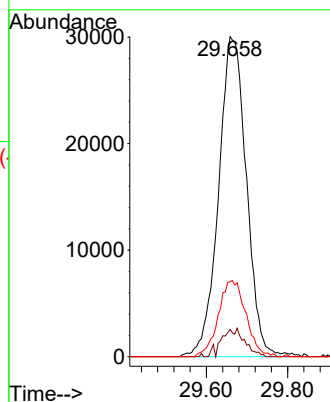
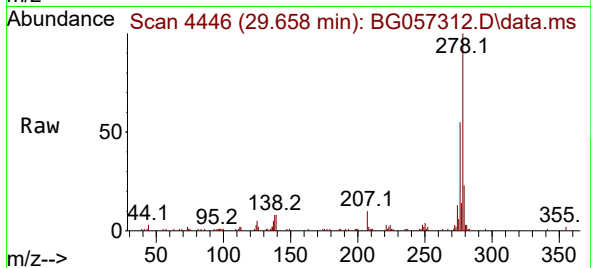
Tgt Ion:278 Resp: 142394

Ion Ratio Lower Upper

278 100

139 8.5 5.8 8.6

279 23.4 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 22.204 ng/ul

RT: 30.892 min Scan# 4656

Delta R.T. 0.000 min

Lab File: BG057312.D

Acq: 5 May 2023 10:10

Tgt Ion:276 Resp: 138735

Ion Ratio Lower Upper

276 100

138 11.2 8.7 13.1

277 23.7 18.4 27.6

