

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058448.D
 Acq On : 25 Jul 2023 16:10
 Operator : CG/JU
 Sample : 03534-23MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 25 23:13:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	40623	20.000	ng/u1	0.00
20) Naphthalene-d8	10.617	136	200964	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.460	164	149021	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.209	188	341719	20.000	ng/u1	0.00
79) Chrysene-d12	21.452	240	281607	20.000	ng/u1	0.00
88) Perylene-d12	24.513	264	356722	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.238	96	5954	5.395	ng/uL	0.00
4) Pyridine-d5	3.649	84	77068	23.525	ng/u1	0.00
7) Phenol-d5	6.986	99	120091	31.163	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	74049	30.743	ng/u1	0.00
11) 2-Chlorophenol-d4	7.350	132	88228	32.707	ng/u1	0.00
15) 4-Methylphenol-d8	8.531	113	84540	28.761	ng/u1	0.00
21) Nitrobenzene-d5	8.978	128	46741	31.030	ng/u1	0.00
24) 2-Nitrophenol-d4	9.701	143	55046	33.473	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.241	165	111721	35.439	ng/u1	0.00
31) 4-Chloroaniline-d4	10.758	131	79937	17.491	ng/u1	0.00
46) Dimethylphthalate-d6	13.866	166	384460	33.456	ng/u1	0.00
49) Acenaphthylene-d8	14.154	160	430680	35.763	ng/u1	0.00
54) 4-Nitrophenol-d4	14.677	143	56063	32.304	ng/u1	0.00
60) Fluorene-d10	15.453	176	339433	35.678	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.582	200	62402	35.843	ng/u1	0.00
73) Anthracene-d10	17.309	188	510083	34.546	ng/u1	0.00
81) Pyrene-d10	19.601	212	631152	37.947	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.307	264	628340	36.444	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.273	88	17158	13.705	ng/uL	88
5) Pyridine	3.672	79	81834	23.654	ng/u1	93
6) Benzaldehyde	6.951	77	90683	58.269	ng/u1	98
8) Phenol	7.016	94	144587	36.129	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.239	93	104978	34.241	ng/u1	98
12) 2-Chlorophenol	7.380	128	101004	35.771	ng/u1	98
13) 2-Methylphenol	8.267	108	94042	30.151	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.343	45	175076	34.847	ng/u1	98
16) Acetophenone	8.637	105	195365	39.027	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.620	70	99393	36.279	ng/u1	98
18) 4-Methylphenol	8.596	108	111948	33.026	ng/u1	99
19) Hexachloroethane	8.896	117	40621	36.497	ng/u1	95
22) Nitrobenzene	9.019	77	135860	33.821	ng/u1	97
23) Isophorone	9.536	82	308266	34.228	ng/u1	100
25) 2-Nitrophenol	9.730	139	66266	37.725	ng/u1	93
26) 2,4-Dimethylphenol	9.795	107	20513	5.237	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.024	93	166880	34.987	ng/u1	98
29) 2,4-Dichlorophenol	10.271	162	113371	37.890	ng/u1	96
30) Naphthalene	10.670	128	390002	36.307	ng/u1	100
32) 4-Chloroaniline	10.782	127	91640	19.619	ng/u1	100
33) Hexachlorobutadiene	10.946	225	77016	35.997	ng/u1	98
34) Caprolactam	11.540	113	28694	23.089	ng/u1	92
35) 4-Chloro-3-methylphenol	11.910	107	143730	37.746	ng/u1	96
36) 2-Methylnaphthalene	12.280	142	280104	38.921	ng/u1	99

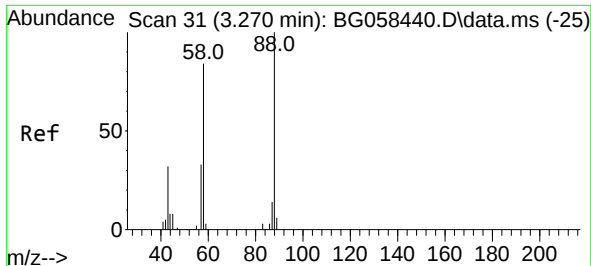
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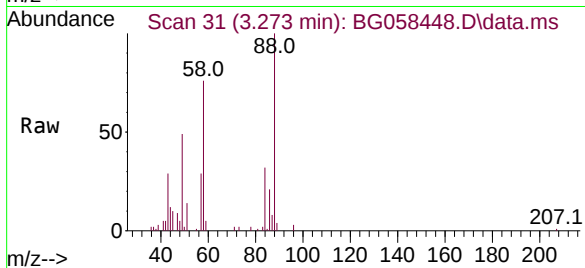
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.503	142	281097	38.110	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.650	216	168205	38.992	ng/ul	99
40) Hexachlorocyclopentadiene	12.627	237	52220	22.507	ng/ul	96
41) 2,4,6-Trichlorophenol	12.897	196	116149	39.773	ng/ul	99
42) 2,4,5-Trichlorophenol	12.973	196	126717	40.693	ng/ul	100
43) 1,1'-Biphenyl	13.296	154	377922	37.504	ng/ul	100
44) 2-Chloronaphthalene	13.338	162	307349	38.362	ng/ul	97
45) 2-Nitroaniline	13.549	65	106728	38.350	ng/ul	97
47) Dimethylphthalate	13.919	163	506803	43.908	ng/ul	99
48) 2,6-Dinitrotoluene	14.043	165	92219	41.345	ng/ul	96
50) Acenaphthylene	14.184	152	484868	37.300	ng/ul	100
51) 3-Nitroaniline	14.372	138	67056	36.075	ng/ul	88
52) Acenaphthene	14.530	153	353570	39.176	ng/ul	98
53) 2,4-Dinitrophenol	14.583	184	45668	38.471	ng/ul	95
55) 4-Nitrophenol	14.689	109	49466	37.010	ng/ul	91
56) Dibenzofuran	14.859	168	493124	38.372	ng/ul	100
57) 2,4-Dinitrotoluene	14.836	165	130537	40.577	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.088	232	114117	39.664	ng/ul#	97
59) Diethylphthalate	15.282	149	439261	36.940	ng/ul	99
61) Fluorene	15.511	166	407825	38.698	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.506	204	214392	38.320	ng/ul	97
63) 4-Nitroaniline	15.541	138	65661	39.039	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.600	198	76057	42.462	ng/ul	97
67) N-Nitrosodiphenylamine	15.717	169	321768	37.986	ng/ul	100
68) 4-Bromophenyl-phenylether	16.399	248	152120	42.028	ng/ul	95
69) Hexachlorobenzene	16.516	284	169086	41.400	ng/ul	99
70) Atrazine	16.669	200	109886	33.088	ng/ul	95
71) Pentachlorophenol	16.863	266	80375	35.059	ng/ul	95
72) Phenanthrene	17.251	178	759381	46.762	ng/ul	97
74) Anthracene	17.345	178	625491	38.367	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.261	216	171493	40.010	ng/uL	97
76) Pentachlorobenzene	14.783	250	182665	38.971	ng/uL	96
77) Carbazole	17.615	167	564944	39.976	ng/ul	100
78) Di-n-butylphthalate	18.167	149	759796	42.311	ng/ul	99
80) Fluoranthene	19.266	202	982658	51.571	ng/ul	99
82) Pyrene	19.630	202	972812	50.387	ng/ul	98
83) Butylbenzylphthalate	20.512	149	335366	44.113	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.352	252	95424	15.180	ng/ul	97
85) Benzo(a)anthracene	21.428	228	887466	46.886	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.334	149	510887	47.246	ng/ul	98
87) Chrysene	21.493	228	856688	47.716	ng/ul	97
89) Di-n-octyl phthalate	22.486	149	867206	45.690	ng/ul	100
90) Benzo(b)fluoranthene	23.549	252	958027	46.417	ng/ul	98
91) Benzo(k)fluoranthene	23.608	252	869150	42.223	ng/ul	100
93) Benzo(a)pyrene	24.378	252	785392	42.783	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.014	276	1074791	44.437	ng/ul	99
95) Dibenzo(a,h)anthracene	28.067	278	846589	42.685	ng/ul	98
96) Benzo(g,h,i)perylene	29.107	276	812441	41.228	ng/ul	98

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

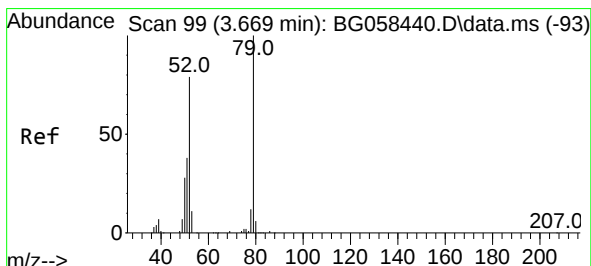
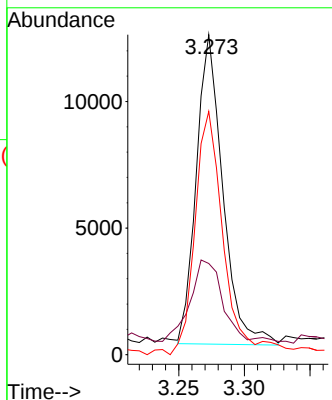
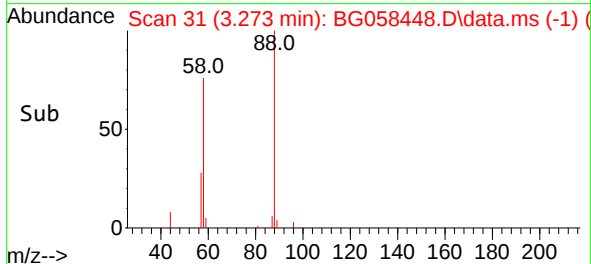


#2
1,4-Dioxane
Concen: 13.705 ng/uL
RT: 3.273 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG058448.D
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BNA_G
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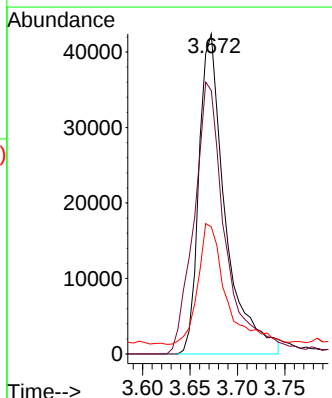
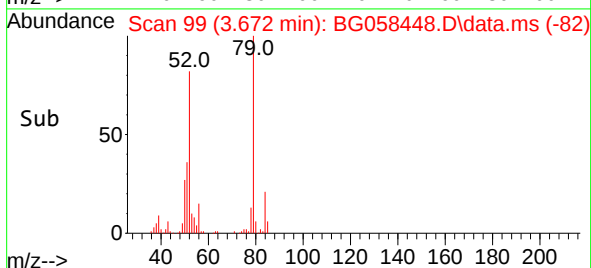
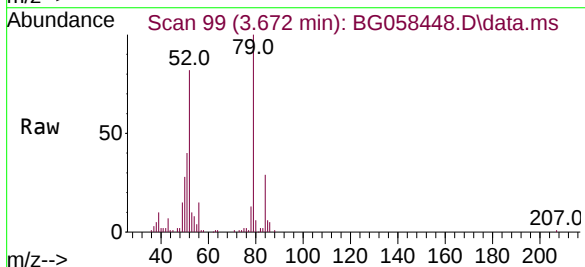


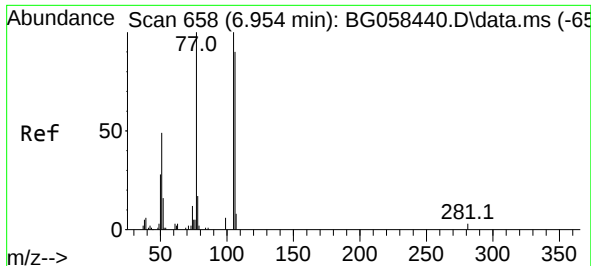
Tgt Ion: 88 Resp: 17158
Ion Ratio Lower Upper
88 100
43 28.5 19.6 29.4
58 76.0 70.2 105.4



#5
Pyridine
Concen: 23.654 ng/uL
RT: 3.672 min Scan# 99
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion: 79 Resp: 81834
Ion Ratio Lower Upper
79 100
52 82.3 72.3 108.5
51 39.7 33.4 50.0

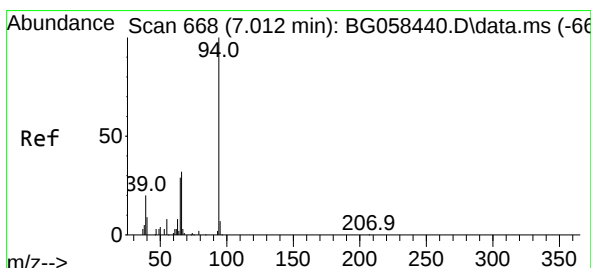
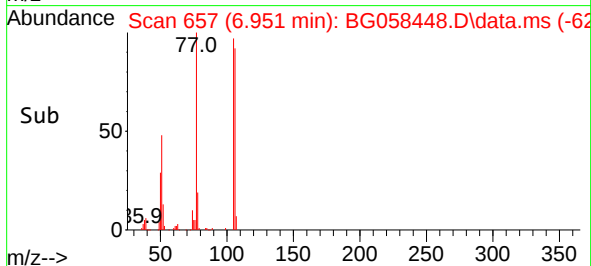
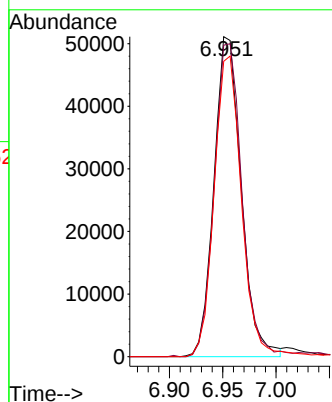
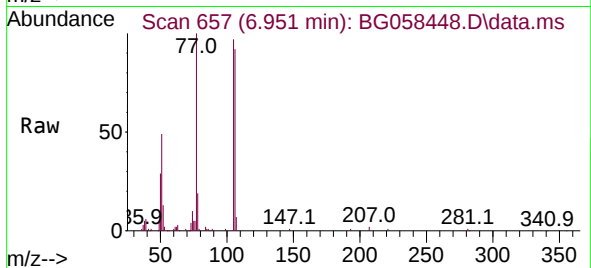




#6
Benzaldehyde
Concen: 58.269 ng/ul
RT: 6.951 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

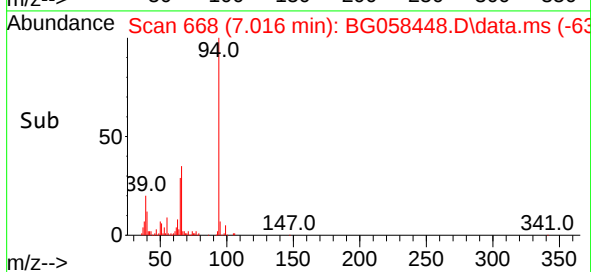
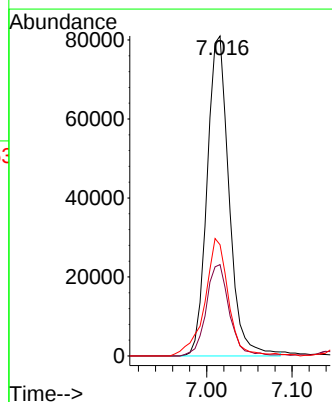
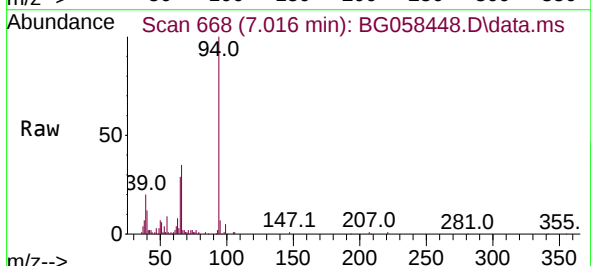
Instrument :
BNA_G
ClientSampleId :

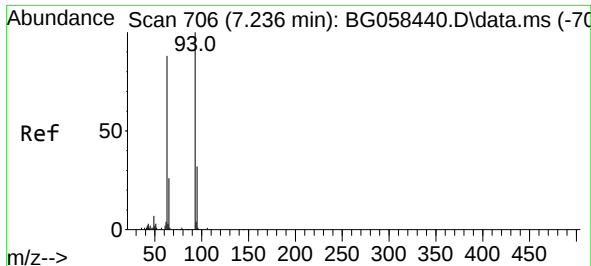
Tgt Ion: 77 Resp: 90683
Ion Ratio Lower Upper
77 100
105 97.3 78.2 117.4
106 92.3 71.6 107.4



#8
Phenol
Concen: 36.129 ng/ul
RT: 7.016 min Scan# 668
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion: 94 Resp: 144587
Ion Ratio Lower Upper
94 100
65 28.6 23.8 35.8
66 34.7 31.2 46.8





#10

Bis(2-Chloroethyl)ether

Concen: 34.241 ng/ul

RT: 7.239 min Scan# 706

Delta R.T. 0.002 min

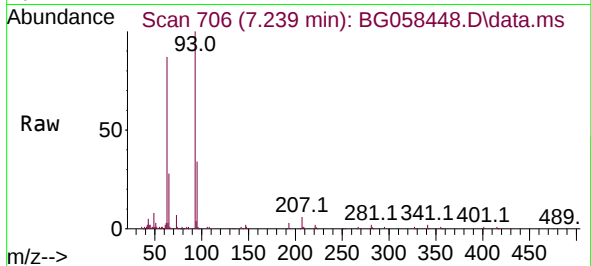
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Acq: 25 Jul 2023 16:10

Instrument :

BNA_G

ClientSampleId :



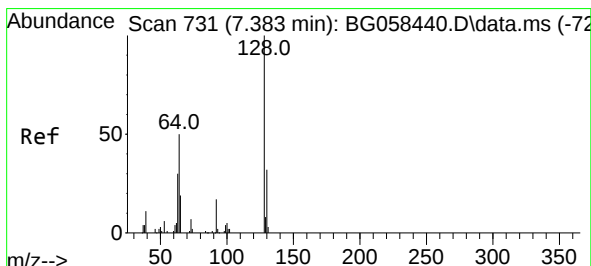
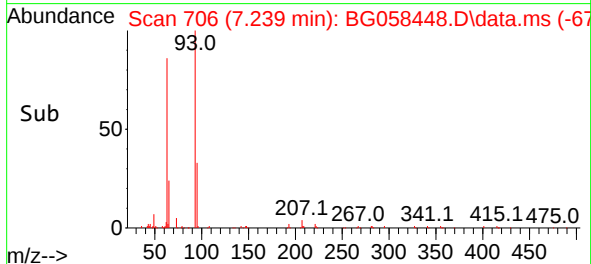
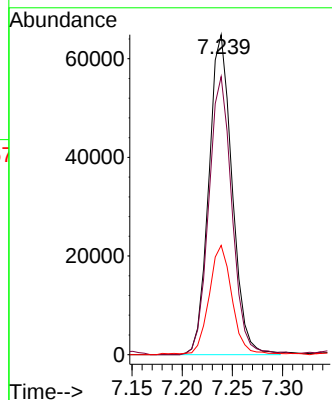
Tgt Ion: 93 Resp: 104978

Ion Ratio Lower Upper

93 100

63 86.9 67.7 101.5

95 34.2 27.0 40.6



#12

2-Chlorophenol

Concen: 35.771 ng/ul

RT: 7.380 min Scan# 730

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

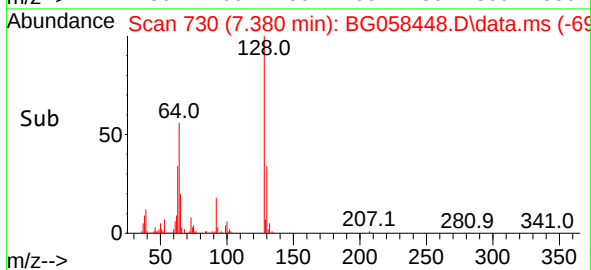
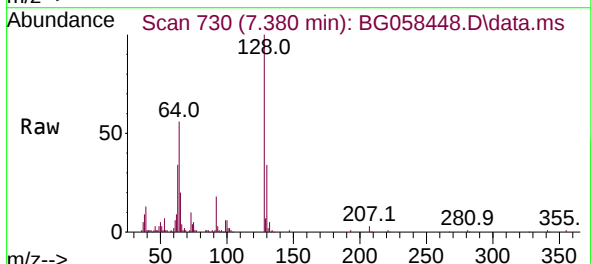
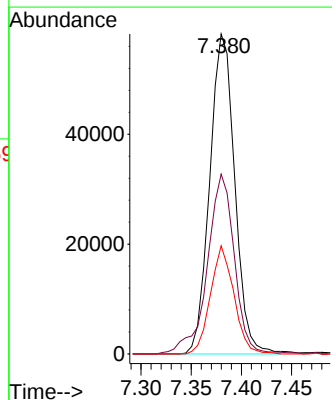
Tgt Ion:128 Resp: 101004

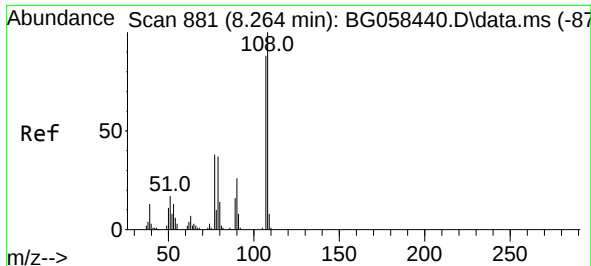
Ion Ratio Lower Upper

128 100

64 56.2 45.6 68.4

130 33.8 25.2 37.8

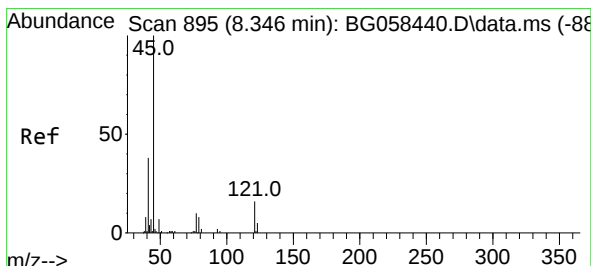
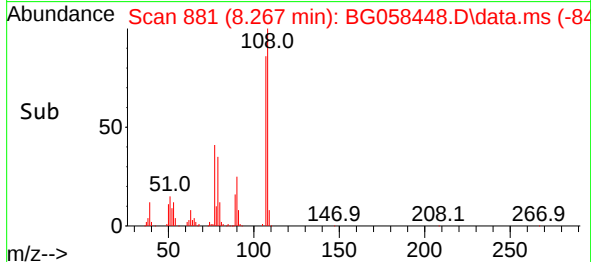
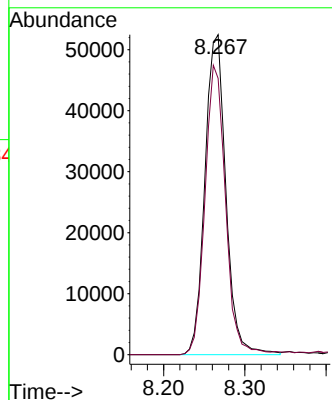
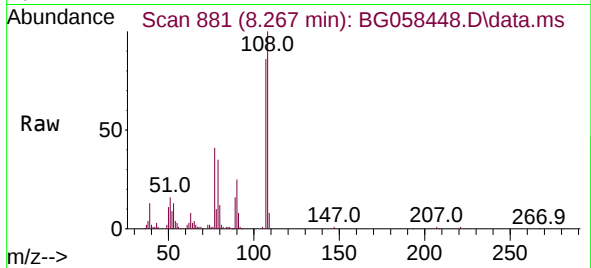




#13
2-Methylphenol
Concen: 30.151 ng/ul
RT: 8.267 min Scan# 881
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

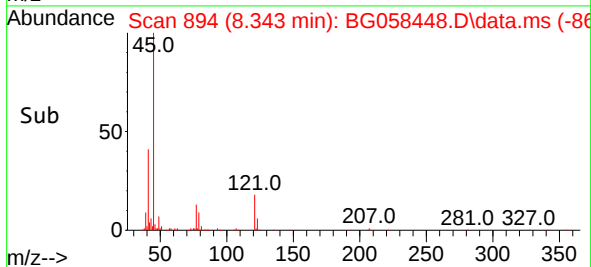
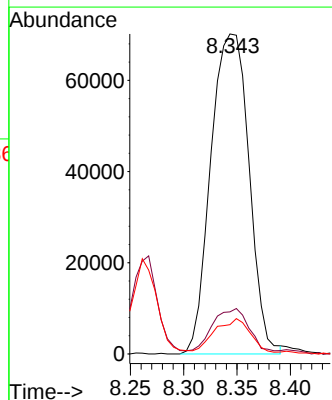
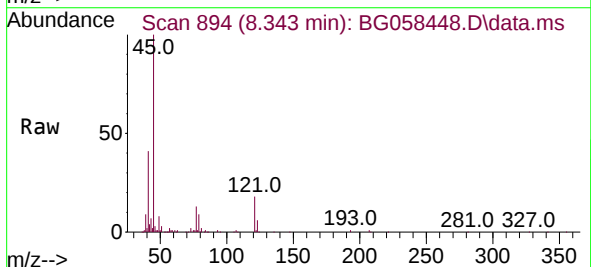
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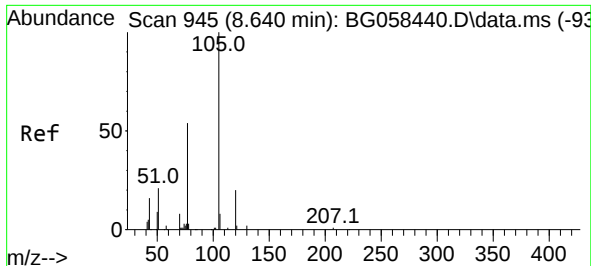
Tgt Ion:108 Resp: 94042
Ion Ratio Lower Upper
108 100
107 86.3 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 34.847 ng/ul
RT: 8.343 min Scan# 894
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion: 45 Resp: 175076
Ion Ratio Lower Upper
45 100
77 13.2 9.4 14.2
79 9.2 7.4 11.2

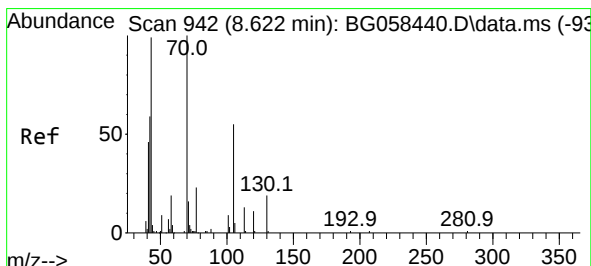
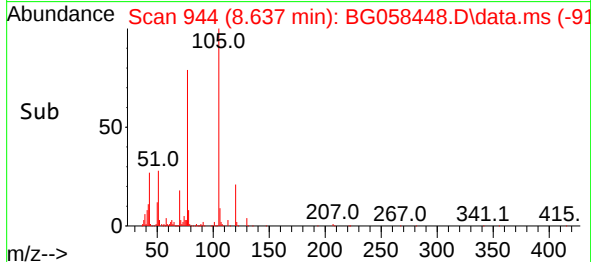
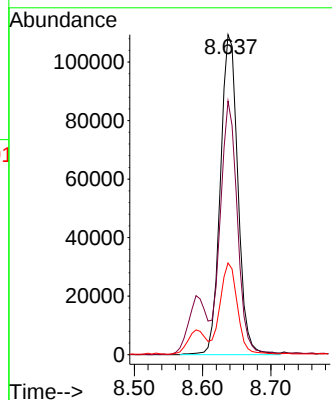
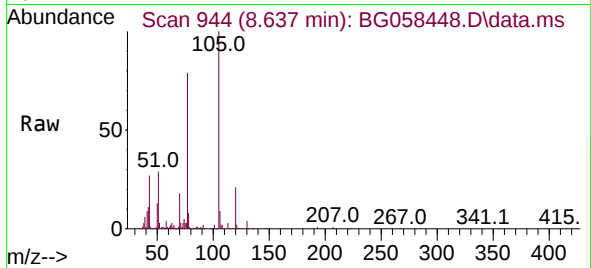




#16
Acetophenone
Concen: 39.027 ng/ul
RT: 8.637 min Scan# 94
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

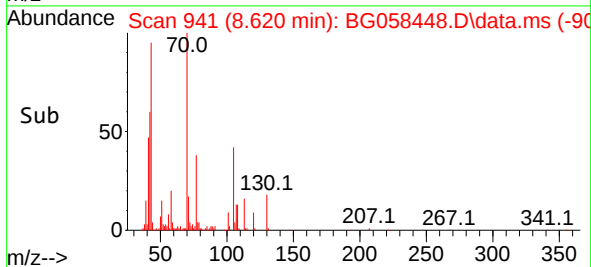
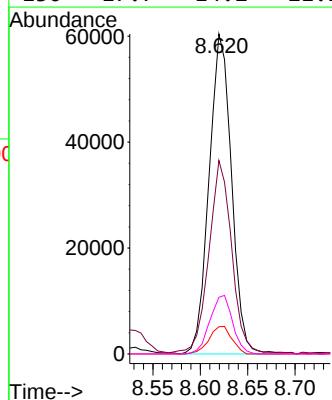
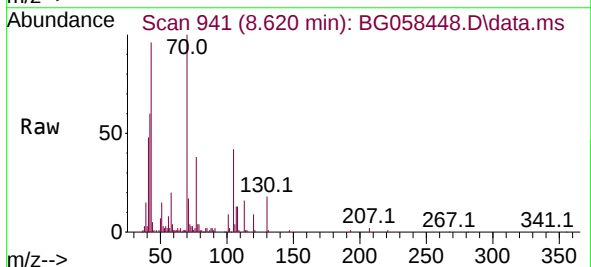
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BNA_G
ClientSampleId :

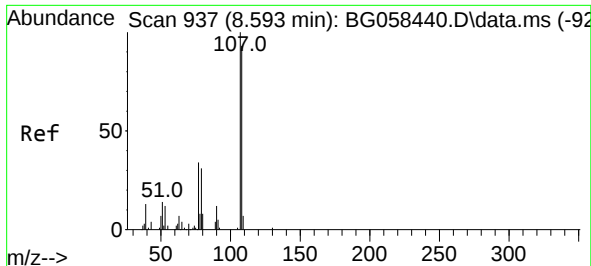
Tgt Ion:105 Resp: 195365
Ion Ratio Lower Upper
105 100
77 79.3 60.7 91.1
51 28.7 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 36.279 ng/ul
RT: 8.620 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion: 70 Resp: 99393
Ion Ratio Lower Upper
70 100
42 60.5 46.6 69.8
101 8.5 7.3 10.9
130 17.7 14.2 21.2

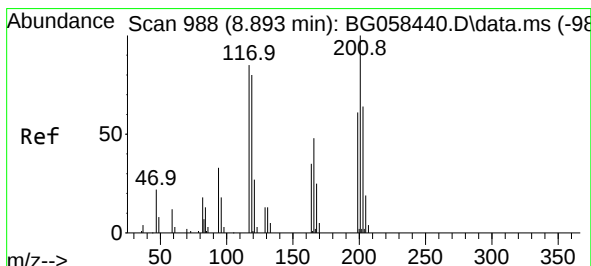
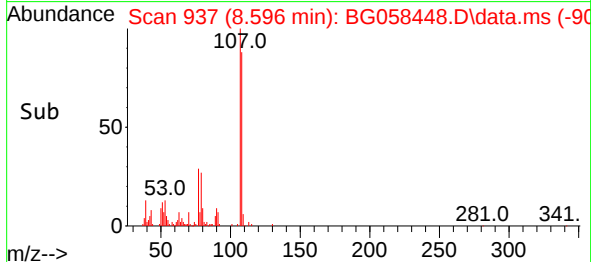
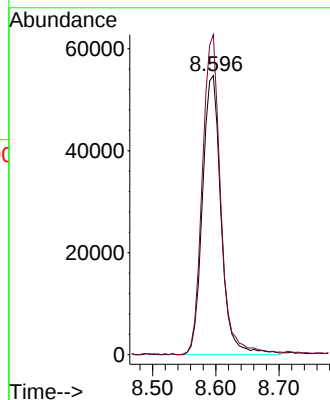
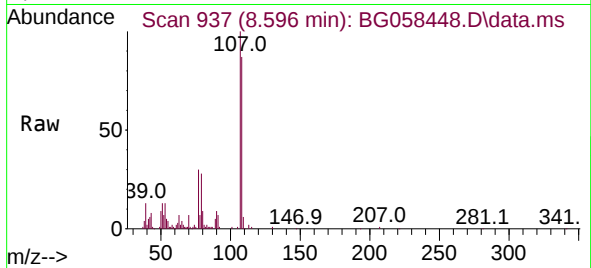




#18
4-Methylphenol
Concen: 33.026 ng/ul
RT: 8.596 min Scan# 911
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

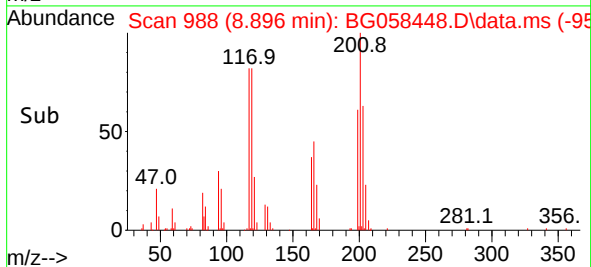
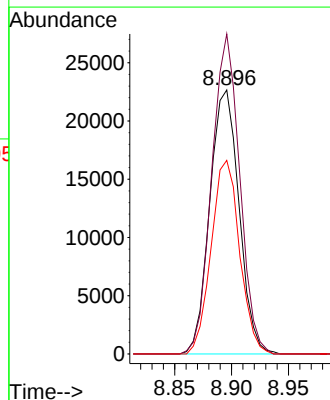
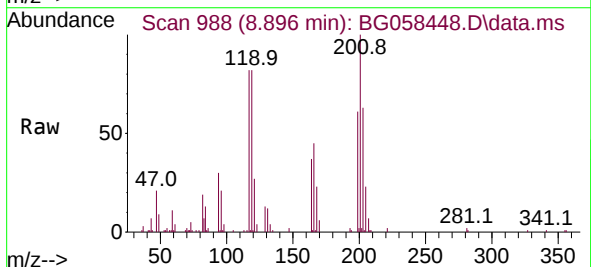
Instrument :
BNA_G
ClientSampleId :

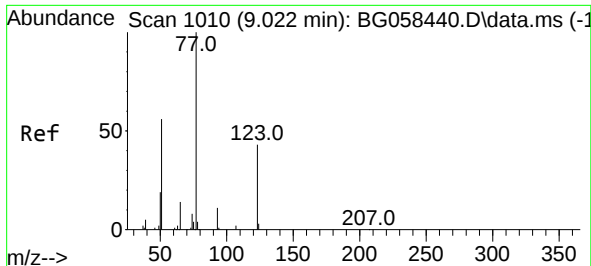
Tgt Ion:108 Resp: 111948
Ion Ratio Lower Upper
108 100
107 114.7 90.6 136.0



#19
Hexachloroethane
Concen: 36.497 ng/ul
RT: 8.896 min Scan# 988
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:117 Resp: 40621
Ion Ratio Lower Upper
117 100
201 121.2 103.6 155.4
199 73.3 60.1 90.1





#22

Nitrobenzene

Concen: 33.821 ng/ul

RT: 9.019 min Scan# 1009

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

Instrument :

BNA_G

ClientSampleId :

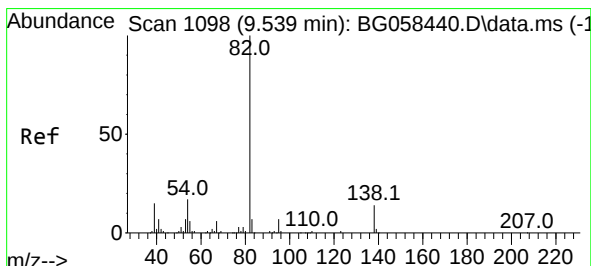
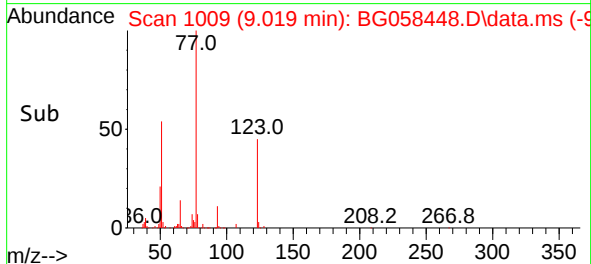
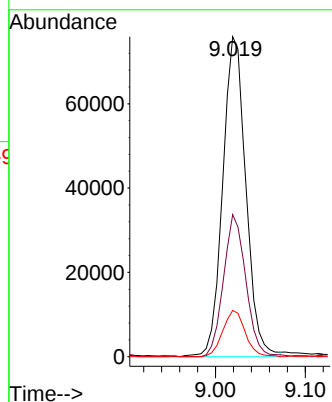
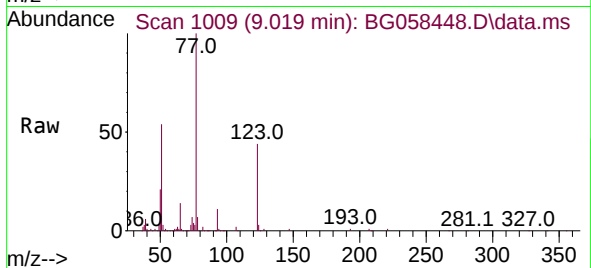
Tgt Ion: 77 Resp: 135860

Ion Ratio Lower Upper

77 100

123 44.4 34.0 51.0

65 14.4 11.0 16.6



#23

Isophorone

Concen: 34.228 ng/ul

RT: 9.536 min Scan# 1097

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

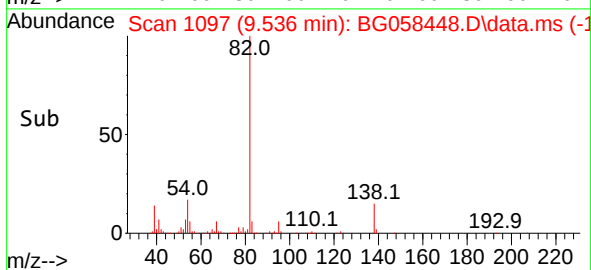
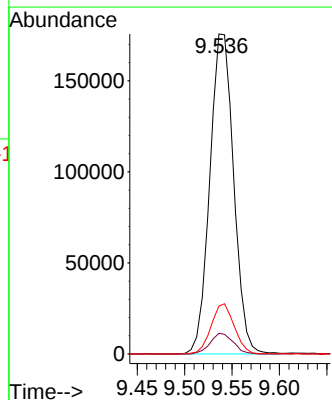
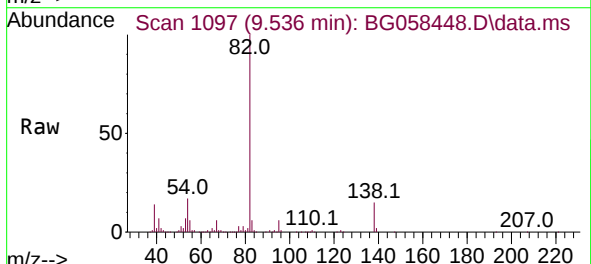
Tgt Ion: 82 Resp: 308266

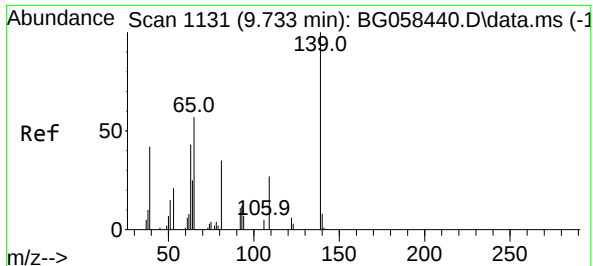
Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

138 15.0 11.9 17.9

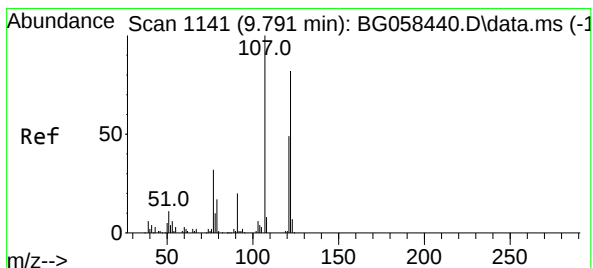
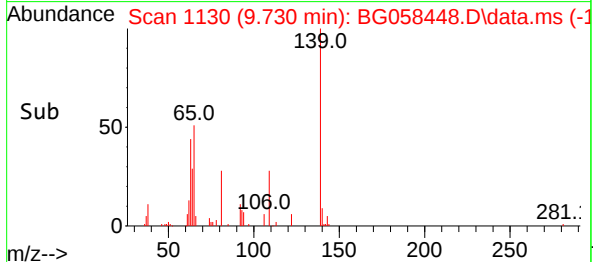
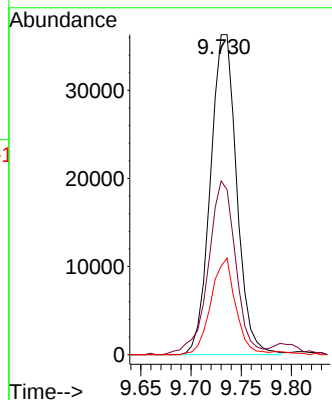
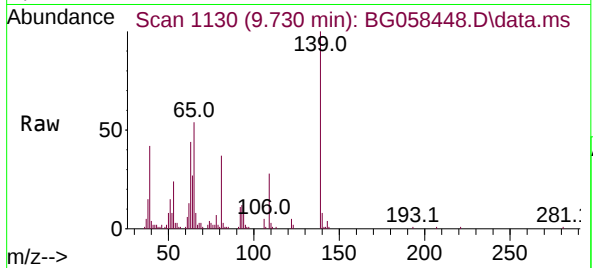




#25
2-Nitrophenol
Concen: 37.725 ng/ul
RT: 9.730 min Scan# 1131
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

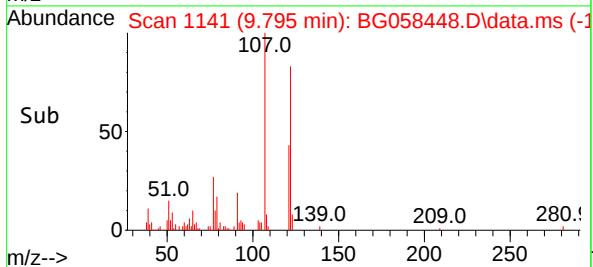
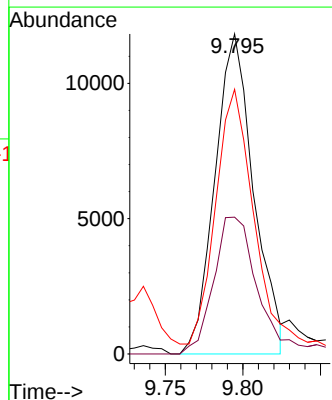
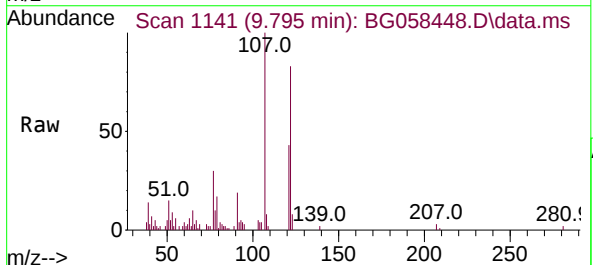
Instrument :
BNA_G
ClientSampleId :

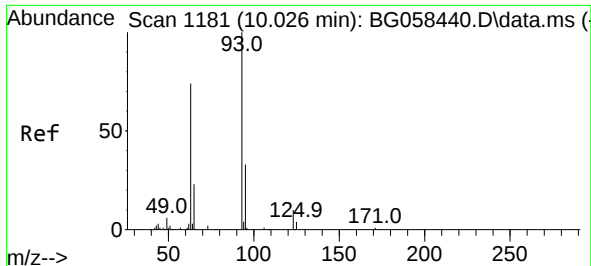
Tgt Ion:139 Resp: 66266
Ion Ratio Lower Upper
139 100
65 54.3 49.2 73.8
109 27.7 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 5.237 ng/ul
RT: 9.795 min Scan# 1141
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:107 Resp: 20513
Ion Ratio Lower Upper
107 100
121 42.7 39.1 58.7
122 82.7 68.9 103.3

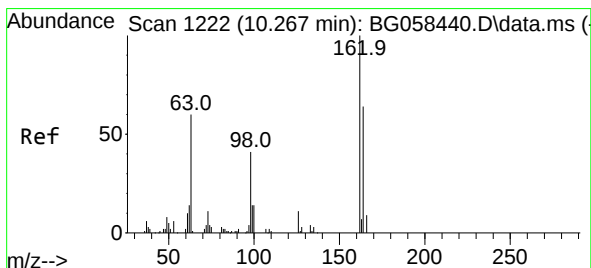
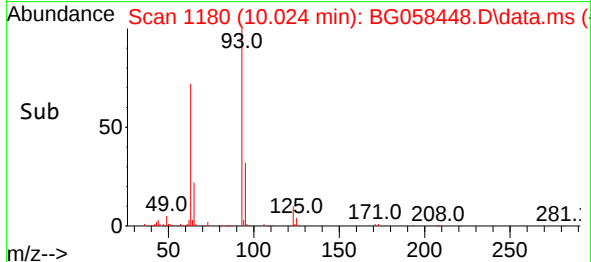
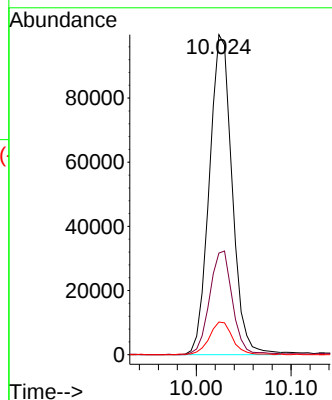
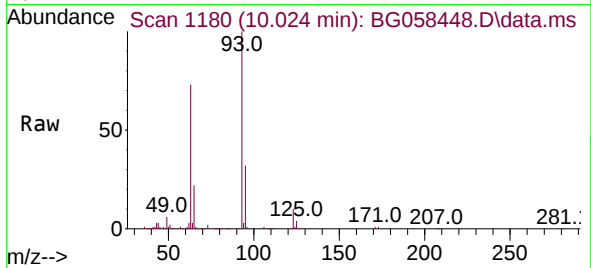




#27
 Bis(2-Chloroethoxy)methane
 Concen: 34.987 ng/ul
 RT: 10.024 min Scan# 1181
 Delta R.T. -0.003 min
 Lab File: BG058448.D
 Acq: 25 Jul 2023 16:10

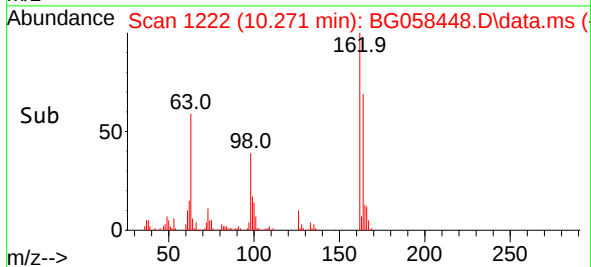
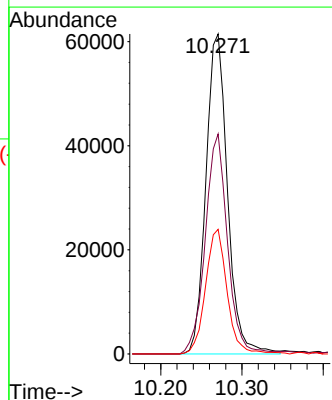
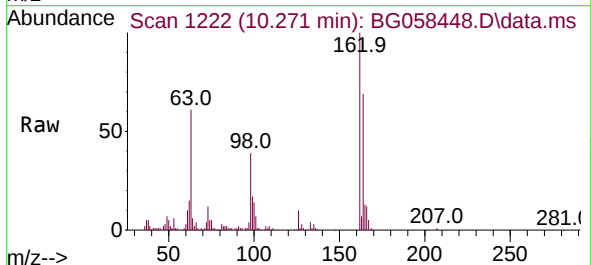
Instrument :
 BNA_G
 ClientSampleId :

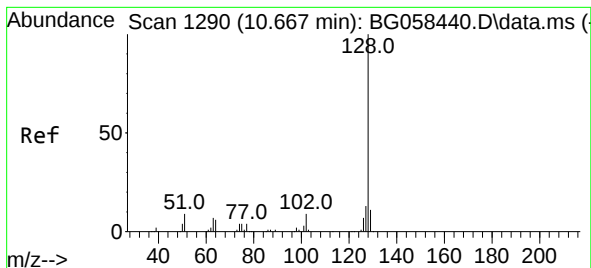
Tgt Ion: 93 Resp: 166880
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.8 38.8
 123 10.2 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 37.890 ng/ul
 RT: 10.271 min Scan# 1222
 Delta R.T. -0.003 min
 Lab File: BG058448.D
 Acq: 25 Jul 2023 16:10

Tgt Ion:162 Resp: 113371
 Ion Ratio Lower Upper
 162 100
 164 68.8 58.4 87.6
 98 39.0 29.6 44.4

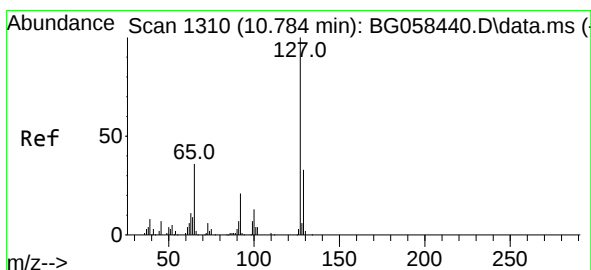
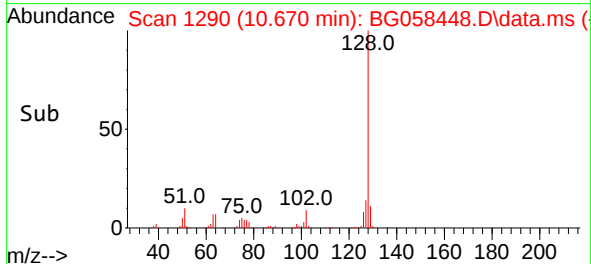
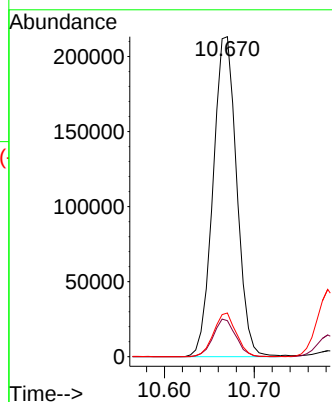
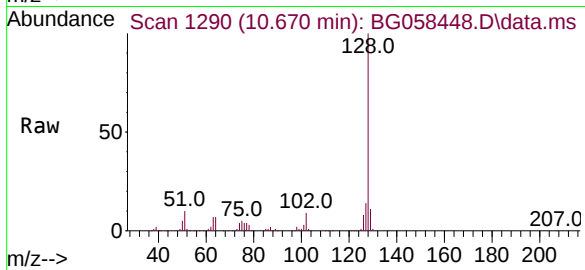




#30
Naphthalene
Concen: 36.307 ng/ul
RT: 10.670 min Scan# 1309
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

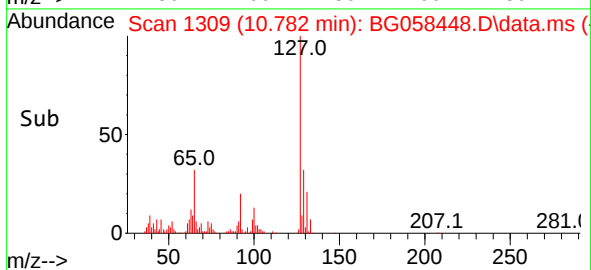
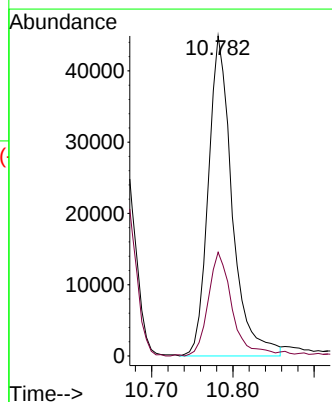
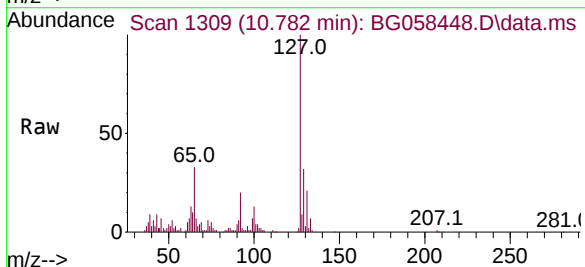
Instrument :
BNA_G
ClientSampleId :

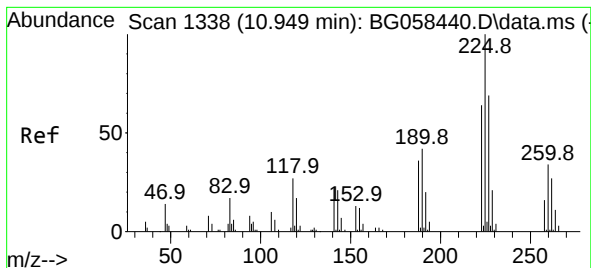
Tgt Ion:128 Resp: 390002
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.8 16.2



#32
4-Chloroaniline
Concen: 19.619 ng/ul
RT: 10.782 min Scan# 1309
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:127 Resp: 91640
Ion Ratio Lower Upper
127 100
129 32.4 26.1 39.1





#33

Hexachlorobutadiene

Concen: 35.997 ng/ul

RT: 10.946 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

Instrument :

BNA_G

ClientSampleId :

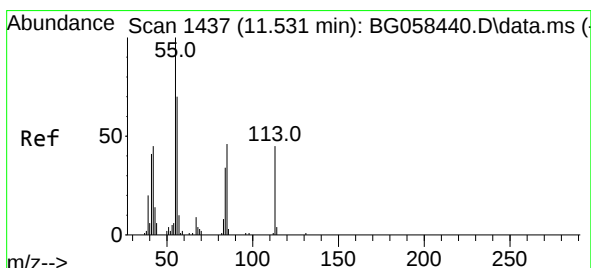
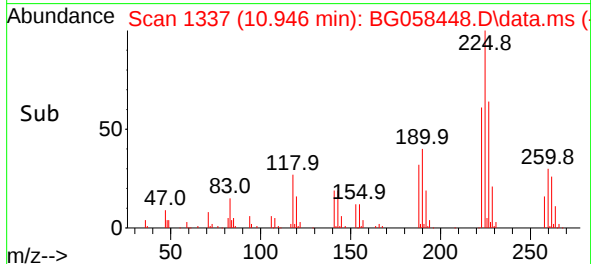
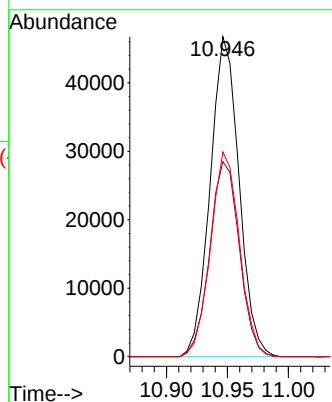
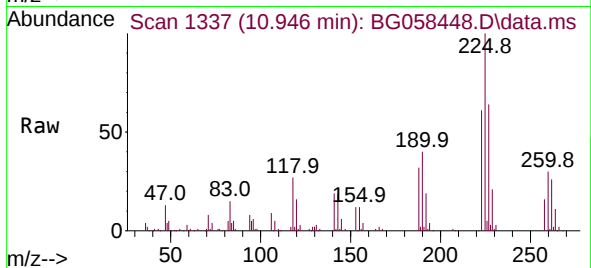
Tgt Ion:225 Resp: 77016

Ion Ratio Lower Upper

225 100

223 60.9 49.7 74.5

227 64.0 53.2 79.8



#34

Caprolactam

Concen: 23.089 ng/ul

RT: 11.540 min Scan# 1438

Delta R.T. -0.027 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

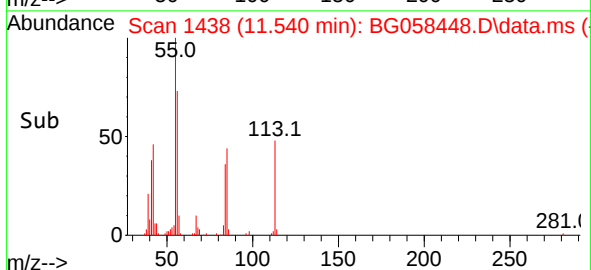
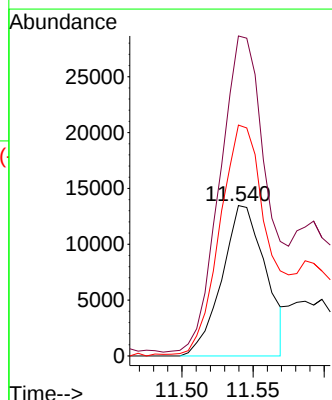
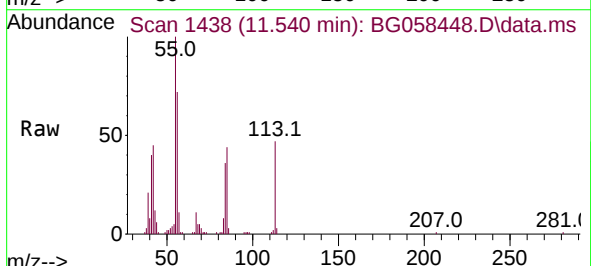
Tgt Ion:113 Resp: 28694

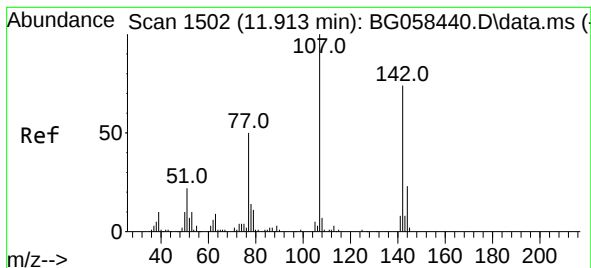
Ion Ratio Lower Upper

113 100

55 212.7 179.8 269.6

56 153.5 132.2 198.4

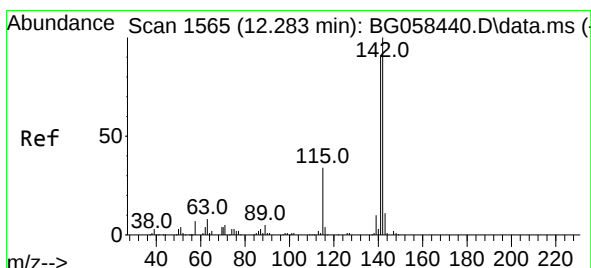
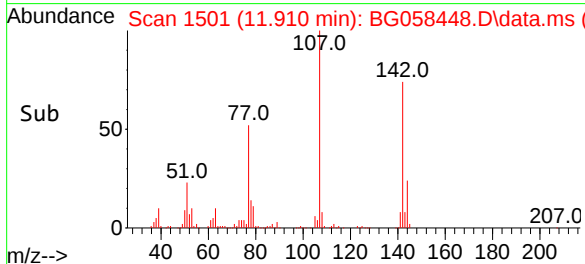
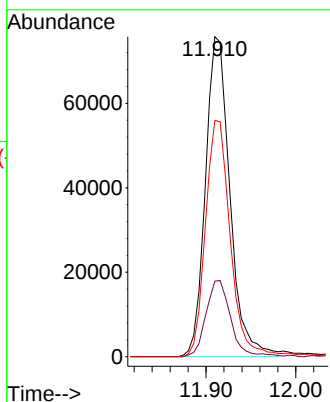
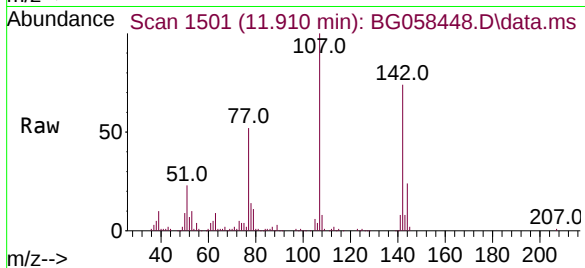




#35
4-Chloro-3-methylphenol
Concen: 37.746 ng/ul
RT: 11.910 min Scan# 1502
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

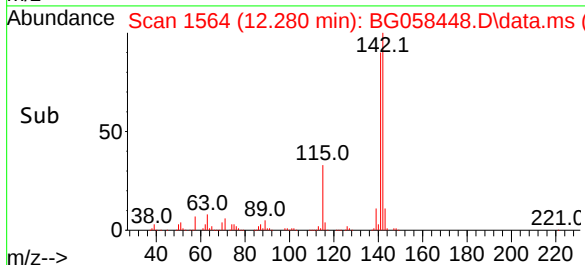
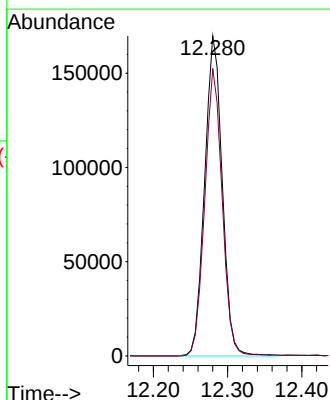
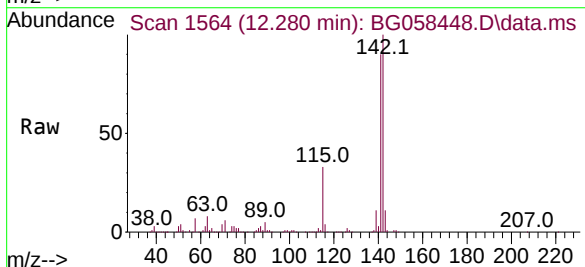
Instrument :
BNA_G
ClientSampleId :

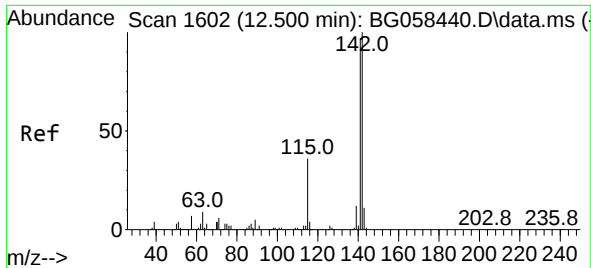
Tgt Ion:107 Resp: 143730
Ion Ratio Lower Upper
107 100
144 23.6 19.0 28.6
142 73.9 55.8 83.6



#36
2-Methylnaphthalene
Concen: 38.921 ng/ul
RT: 12.280 min Scan# 1564
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:142 Resp: 280104
Ion Ratio Lower Upper
142 100
141 89.9 72.6 108.8

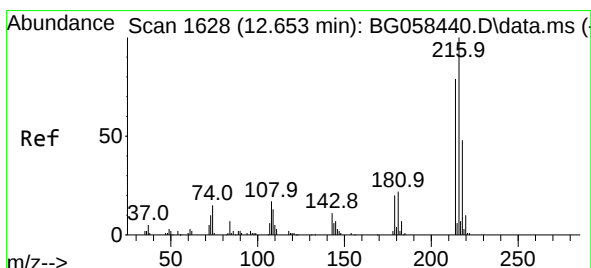
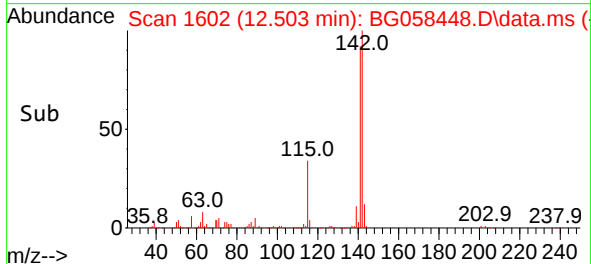
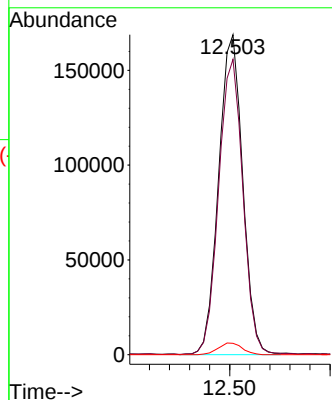
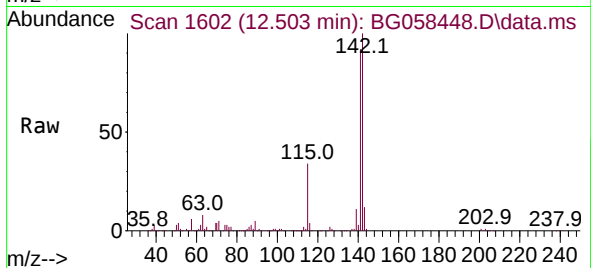




#37
1-Methylnaphthalene
Concen: 38.110 ng/ul
RT: 12.503 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

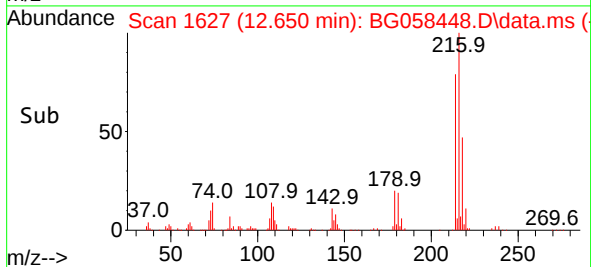
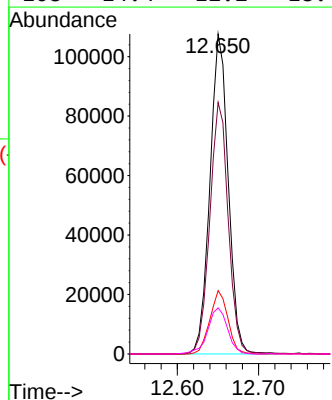
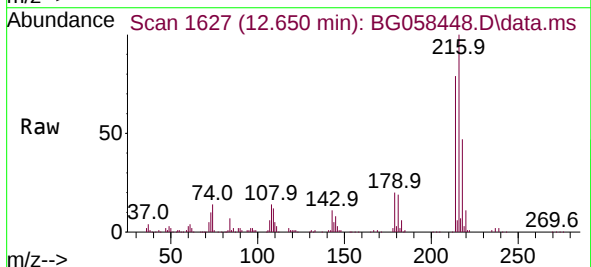
Instrument :
BNA_G
ClientSampleId :

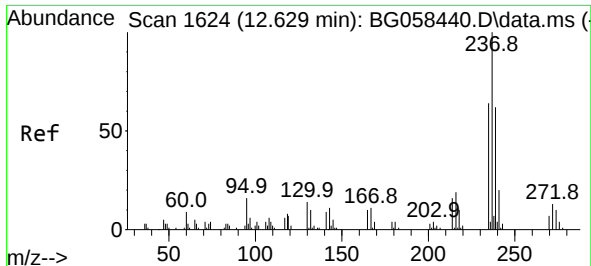
Tgt Ion:142 Resp: 281097
Ion Ratio Lower Upper
142 100
141 92.3 75.8 113.6
116 3.6 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.992 ng/ul
RT: 12.650 min Scan# 1627
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:216 Resp: 168205
Ion Ratio Lower Upper
216 100
214 78.6 62.2 93.4
179 19.8 16.2 24.2
108 14.4 12.2 18.4

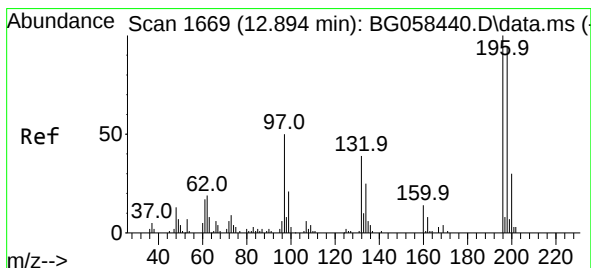
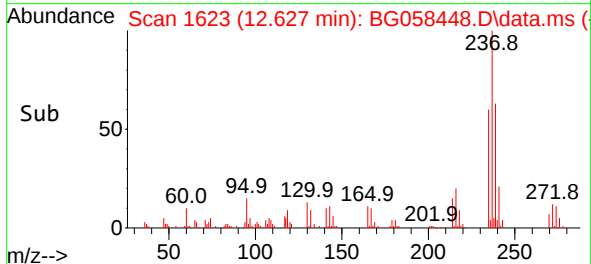
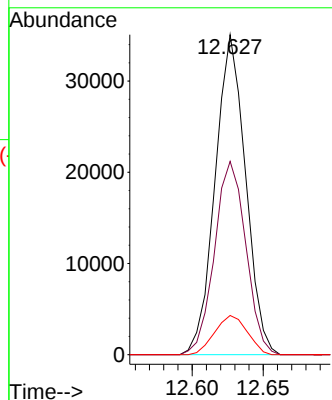
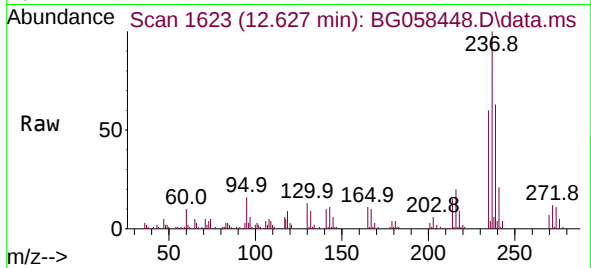




#40
Hexachlorocyclopentadiene
Concen: 22.507 ng/ul
RT: 12.627 min Scan# 1623
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

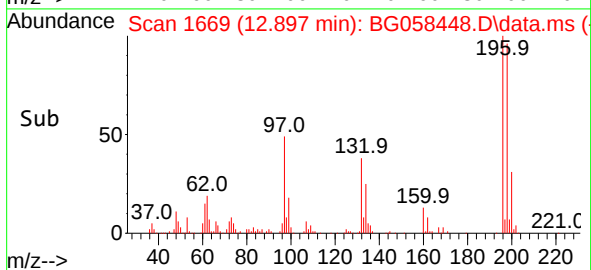
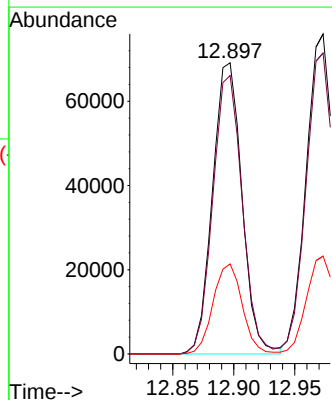
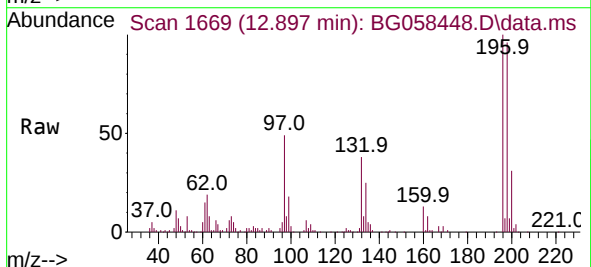
Instrument :
BNA_G
ClientSampleId :

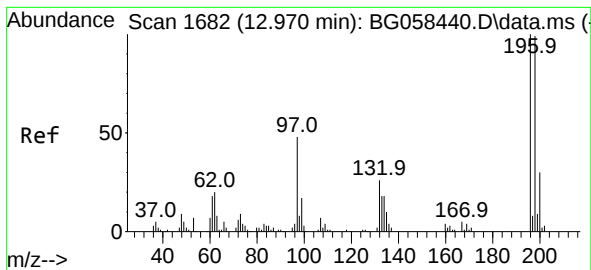
Tgt Ion:237 Resp: 52220
Ion Ratio Lower Upper
237 100
235 60.4 50.9 76.3
272 12.2 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 39.773 ng/ul
RT: 12.897 min Scan# 1669
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

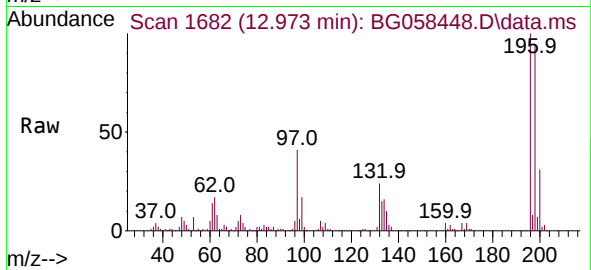
Tgt Ion:196 Resp: 116149
Ion Ratio Lower Upper
196 100
198 95.6 77.7 116.5
200 31.0 25.0 37.6



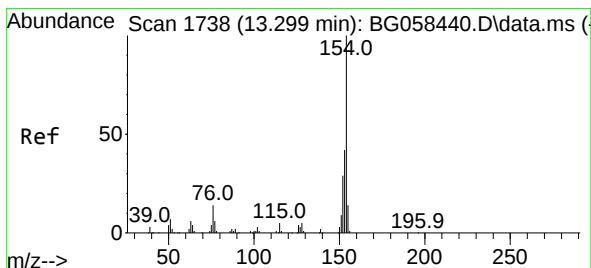
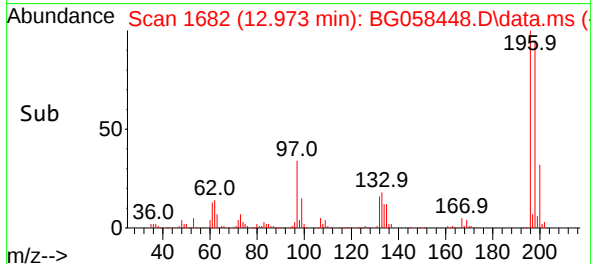
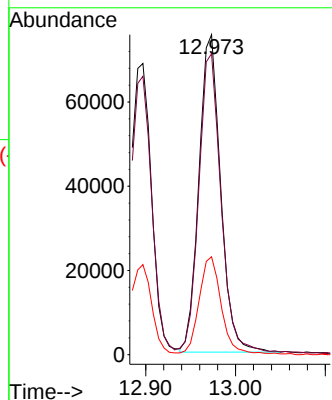


#42
2,4,5-Trichlorophenol
Concen: 40.693 ng/ul
RT: 12.973 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Instrument :
BNA_G
ClientSampleId :

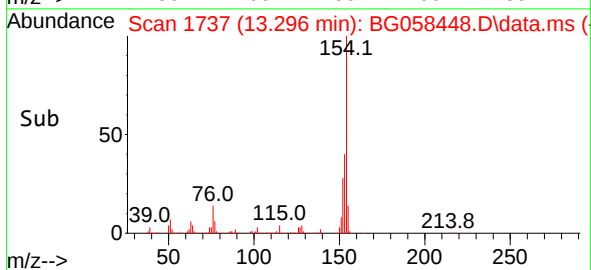
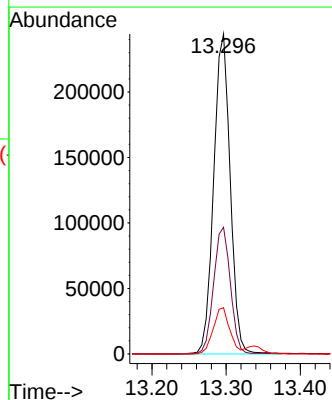
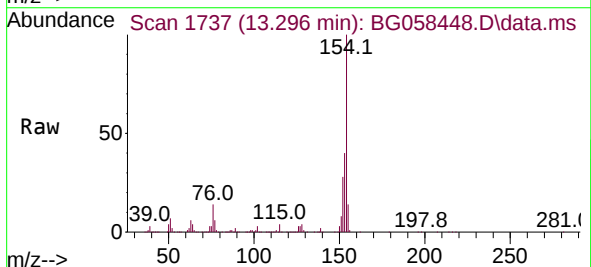


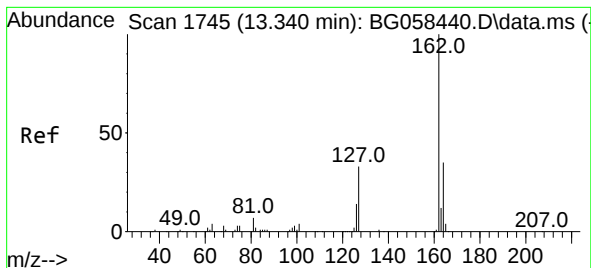
Tgt Ion:196 Resp: 126717
Ion Ratio Lower Upper
196 100
198 94.0 74.8 112.2
200 30.6 24.4 36.6



#43
1,1'-Biphenyl
Concen: 37.504 ng/ul
RT: 13.296 min Scan# 1737
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:154 Resp: 377922
Ion Ratio Lower Upper
154 100
153 39.6 31.8 47.6
76 14.4 11.7 17.5





#44

2-Chloronaphthalene

Concen: 38.362 ng/ul

RT: 13.338 min Scan# 1

Delta R.T. -0.003 min

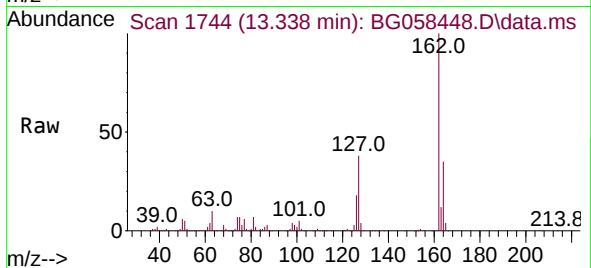
Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

Instrument :

BNA_G

ClientSampleId :



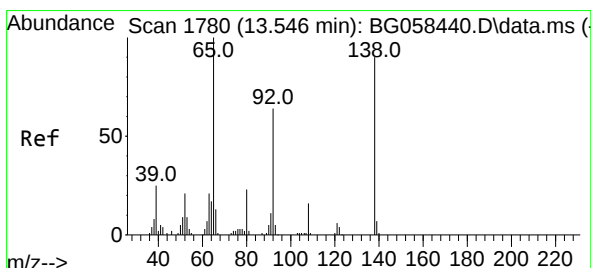
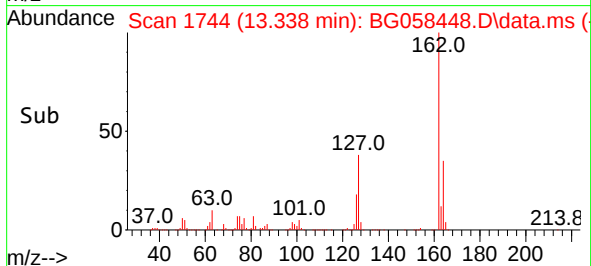
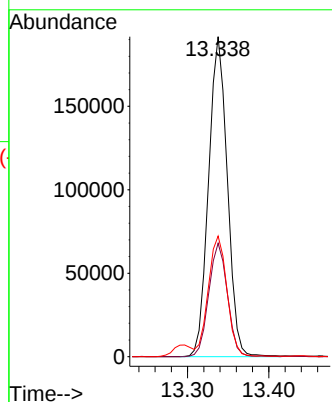
Tgt Ion:162 Resp: 307349

Ion Ratio Lower Upper

162 100

164 35.4 26.2 39.2

127 37.7 29.8 44.6



#45

2-Nitroaniline

Concen: 38.350 ng/ul

RT: 13.549 min Scan# 1780

Delta R.T. 0.002 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

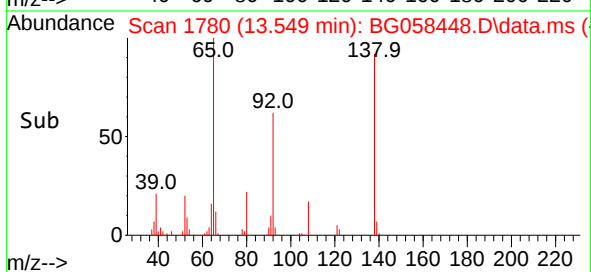
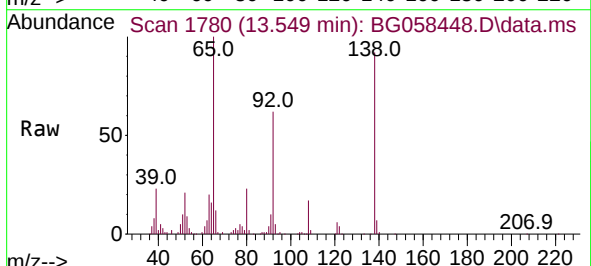
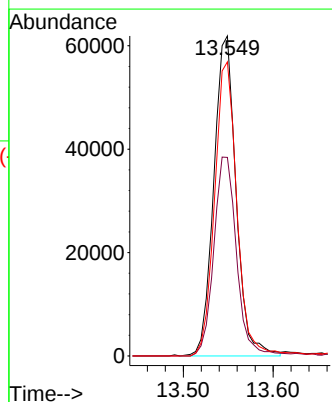
Tgt Ion: 65 Resp: 106728

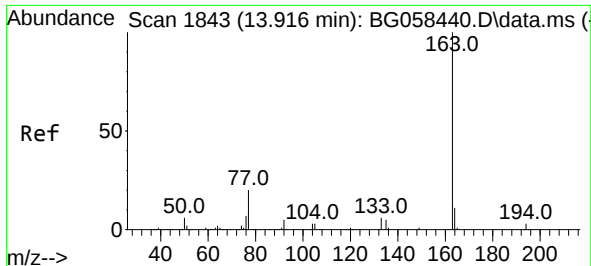
Ion Ratio Lower Upper

65 100

92 62.0 51.4 77.2

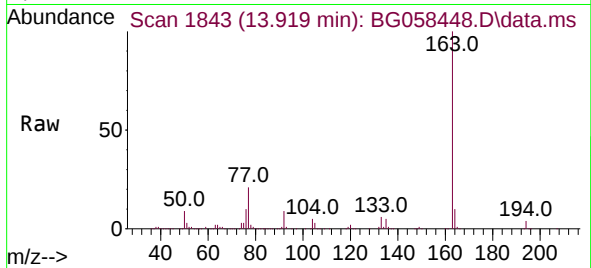
138 91.9 71.6 107.4



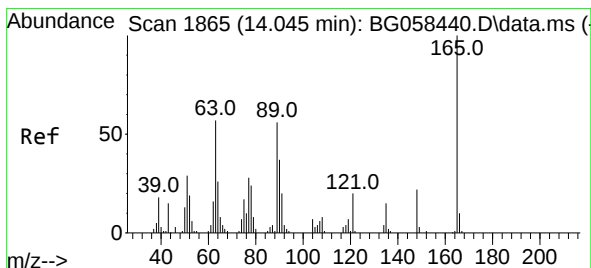
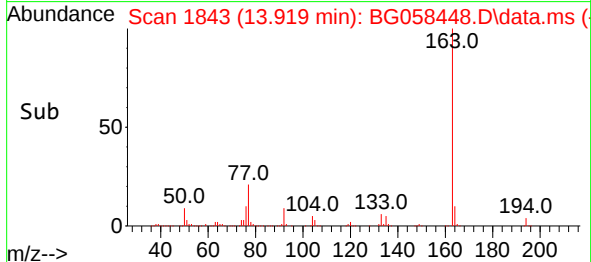
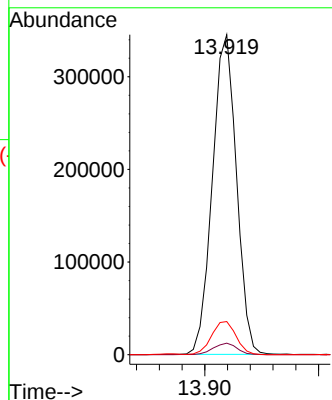


#47
Dimethylphthalate
Concen: 43.908 ng/ul
RT: 13.919 min Scan# 1843
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Instrument :
BNA_G
ClientSampleId :

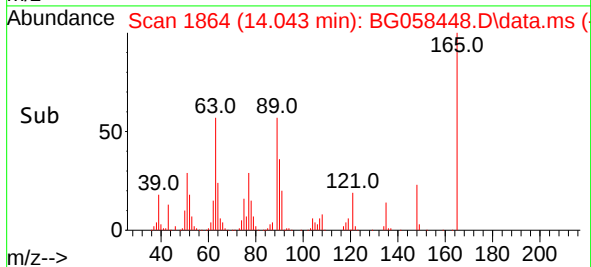
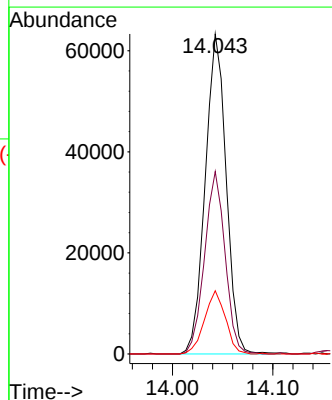
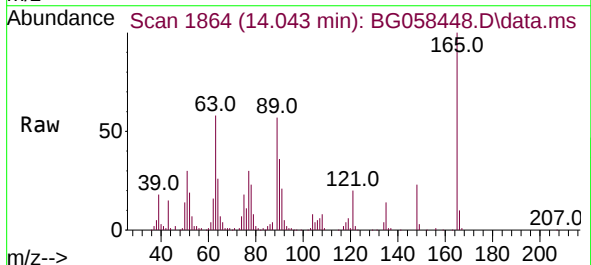


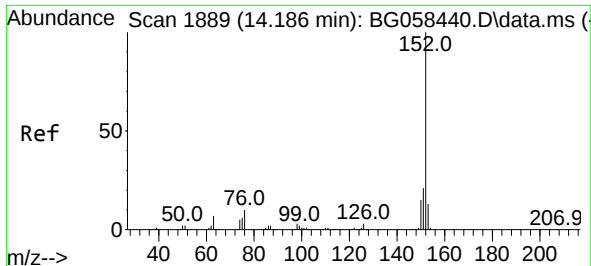
Tgt Ion:163 Resp: 506803
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.4 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 41.345 ng/ul
RT: 14.043 min Scan# 1864
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:165 Resp: 92219
Ion Ratio Lower Upper
165 100
89 57.0 48.9 73.3
121 19.8 16.2 24.4

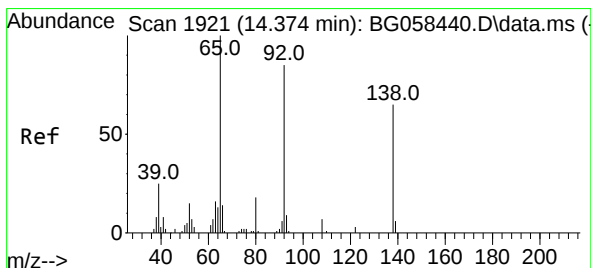
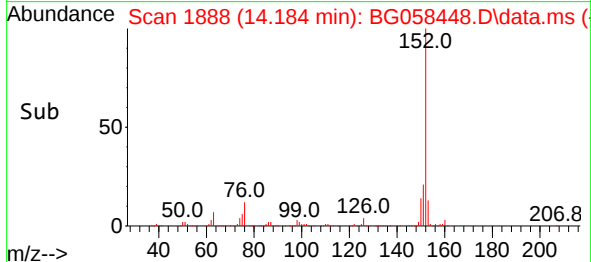
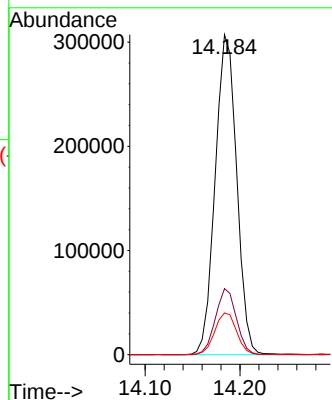
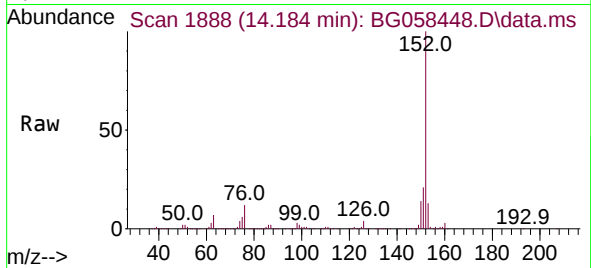




#50
Acenaphthylene
Concen: 37.300 ng/ul
RT: 14.184 min Scan# 1889
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

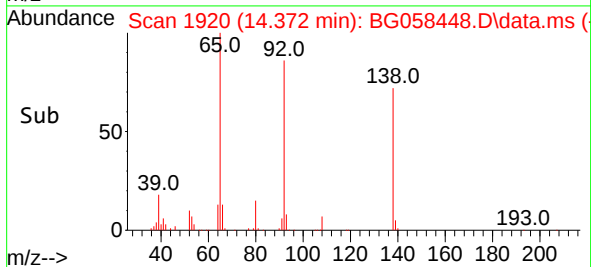
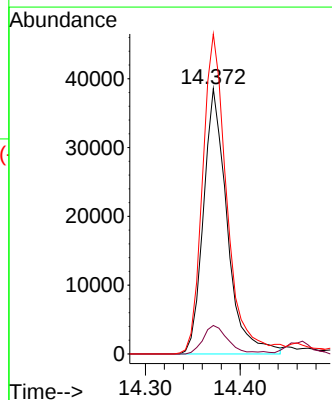
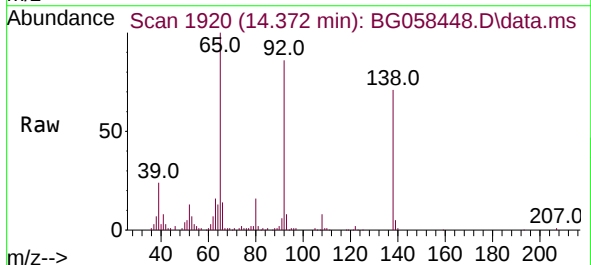
Instrument :
BNA_G
ClientSampleId :

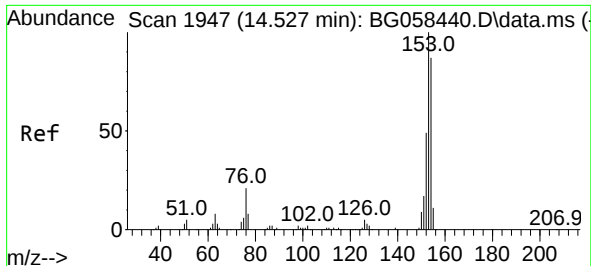
Tgt Ion:152 Resp: 484868
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.1 10.6 16.0



#51
3-Nitroaniline
Concen: 36.075 ng/ul
RT: 14.372 min Scan# 1920
Delta R.T. -0.009 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:138 Resp: 67056
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 120.7 108.4 162.6

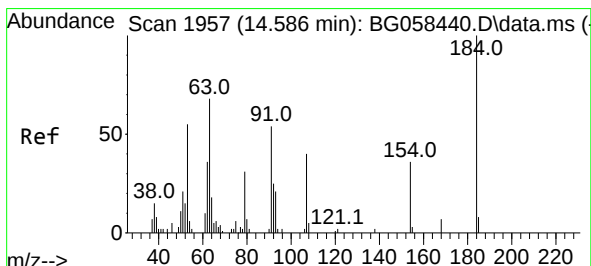
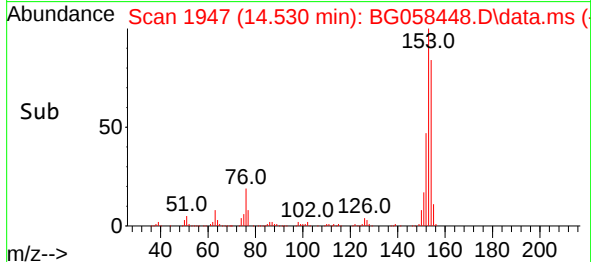
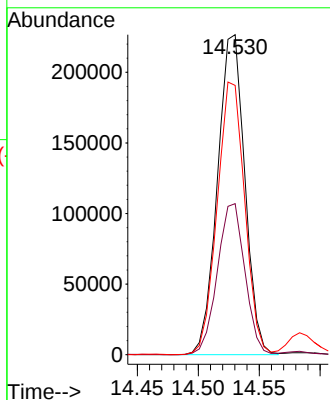
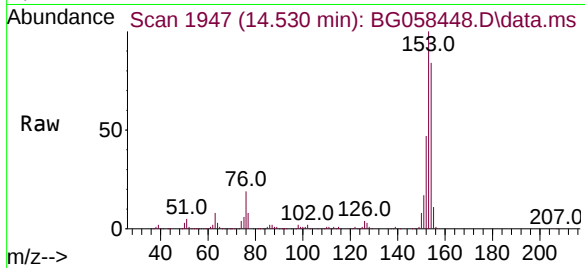




#52
Acenaphthene
Concen: 39.176 ng/ul
RT: 14.530 min Scan# 1947
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

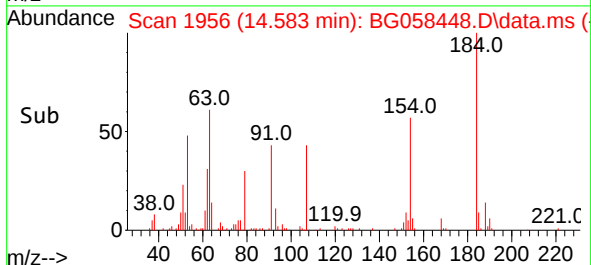
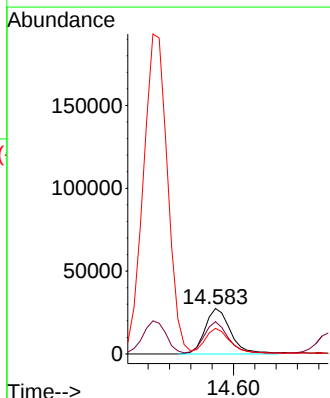
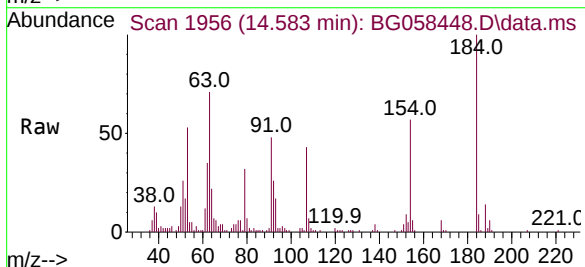
Instrument :
BNA_G
ClientSampleId :

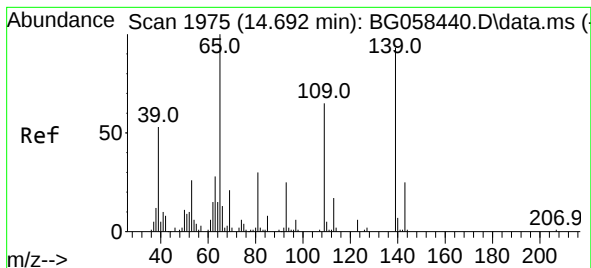
Tgt Ion:153 Resp: 353570
Ion Ratio Lower Upper
153 100
152 47.2 39.1 58.7
154 84.1 68.7 103.1



#53
2,4-Dinitrophenol
Concen: 38.471 ng/ul
RT: 14.583 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:184 Resp: 45668
Ion Ratio Lower Upper
184 100
63 71.1 52.9 79.3
154 56.6 47.8 71.8

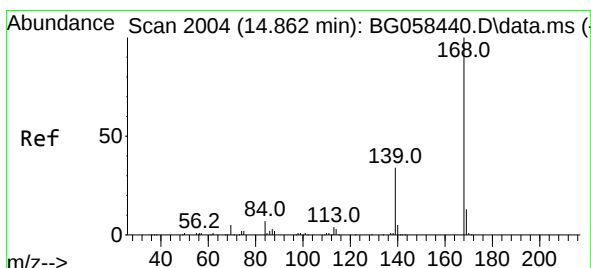
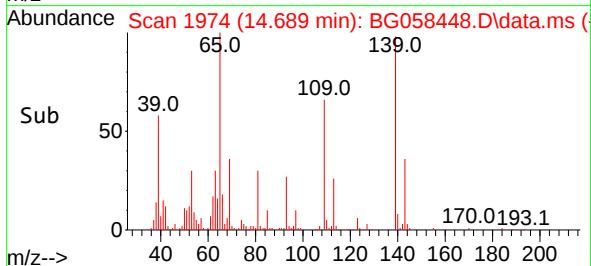
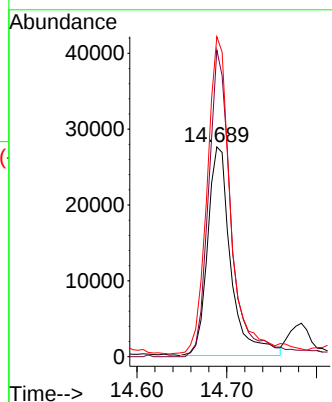
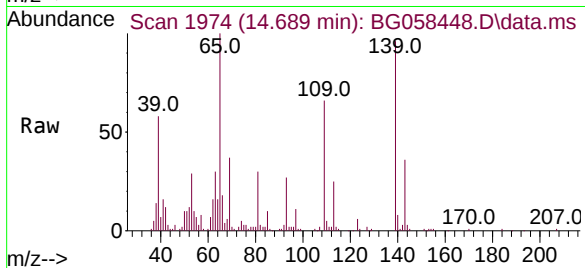




#55
4-Nitrophenol
Concen: 37.010 ng/ul
RT: 14.689 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

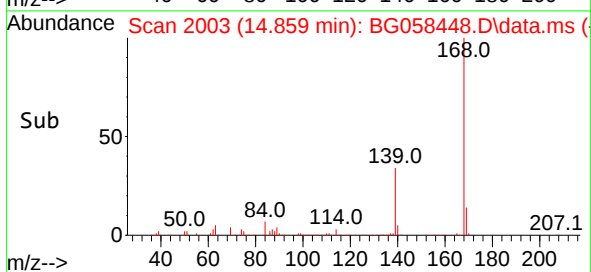
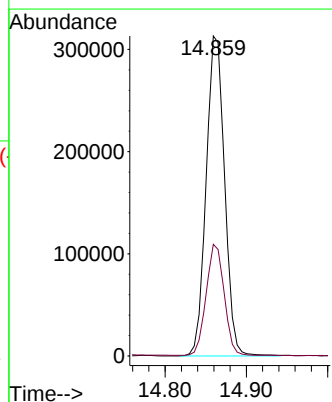
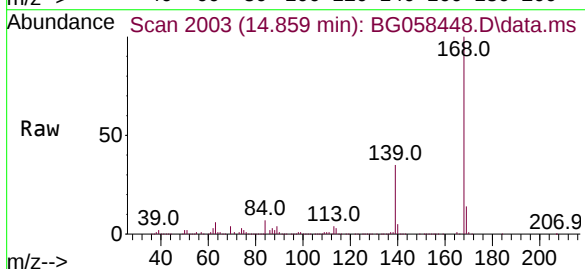
Instrument :
BNA_G
ClientSampleId :

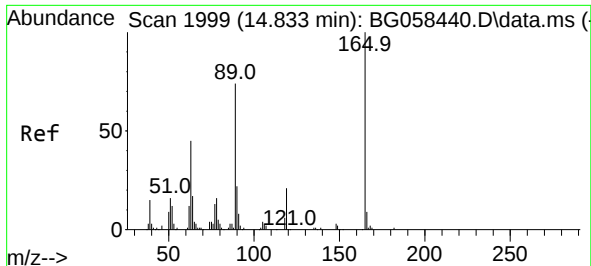
Tgt Ion	Ratio	Lower	Upper
109	100		
139	146.2	100.3	150.5
65	152.6	120.6	180.8



#56
Dibenzofuran
Concen: 38.372 ng/ul
RT: 14.859 min Scan# 2003
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.9	27.8	41.8

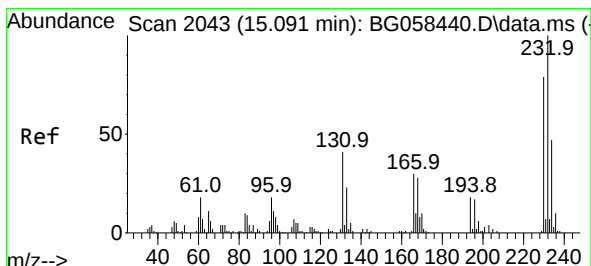
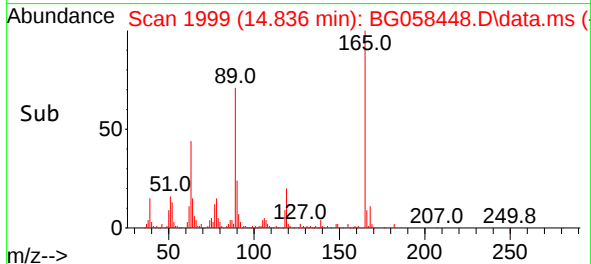
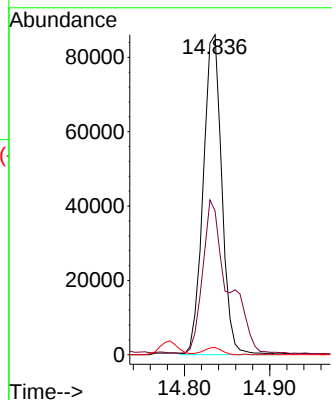
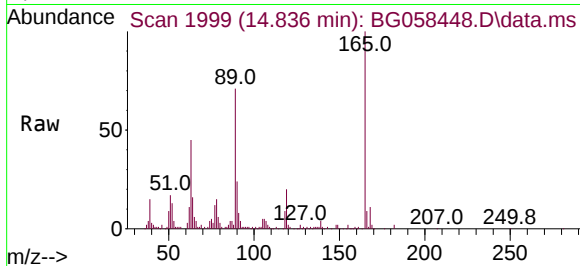




#57
 2,4-Dinitrotoluene
 Concen: 40.577 ng/ul
 RT: 14.836 min Scan# 1999
 Delta R.T. 0.002 min
 Lab File: BG058448.D
 Acq: 25 Jul 2023 16:10

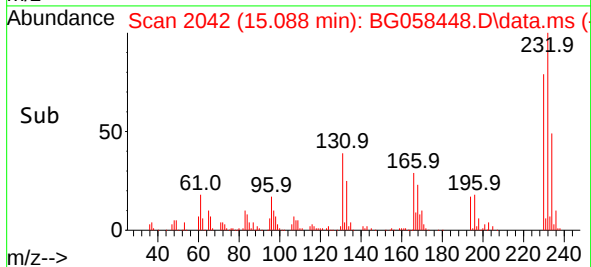
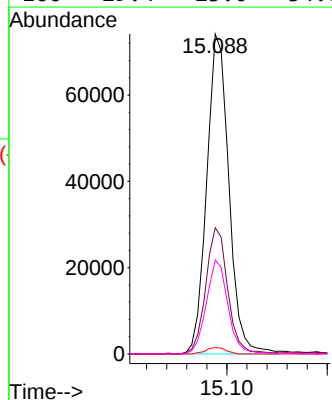
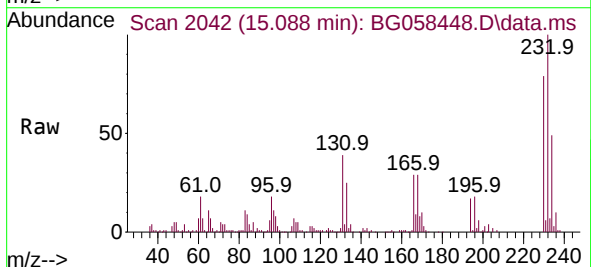
Instrument :
 BNA_G
 ClientSampleId :

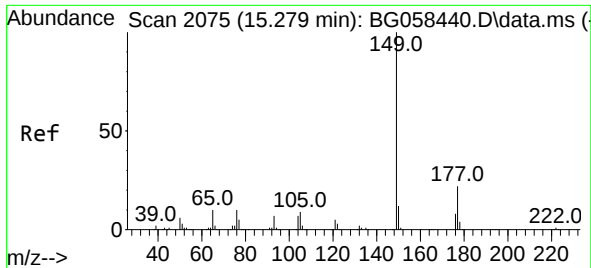
Tgt Ion:165 Resp: 130537
 Ion Ratio Lower Upper
 165 100
 63 44.9 33.8 50.6
 182 2.3 1.2 1.8#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.664 ng/ul
 RT: 15.088 min Scan# 2042
 Delta R.T. -0.003 min
 Lab File: BG058448.D
 Acq: 25 Jul 2023 16:10

Tgt Ion:232 Resp: 114117
 Ion Ratio Lower Upper
 232 100
 131 39.4 29.0 43.6
 130 2.0 1.1 1.7#
 166 29.4 23.0 34.6

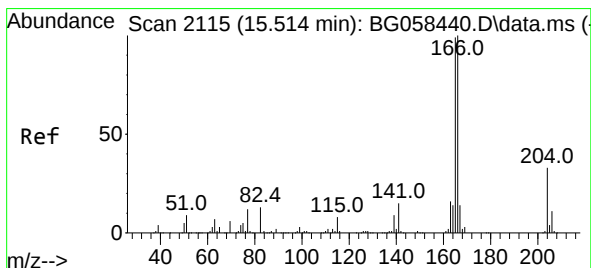
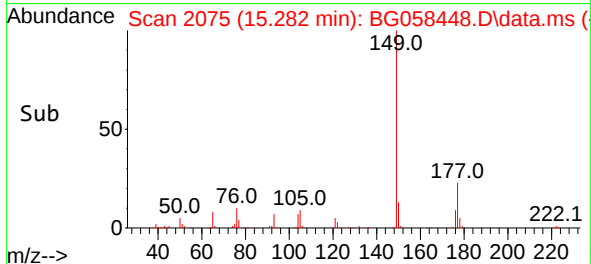
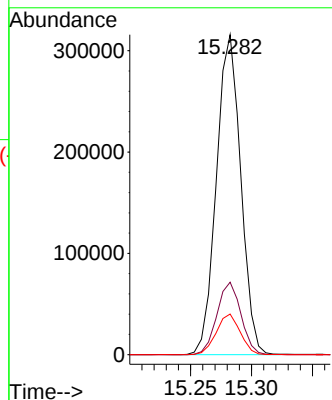
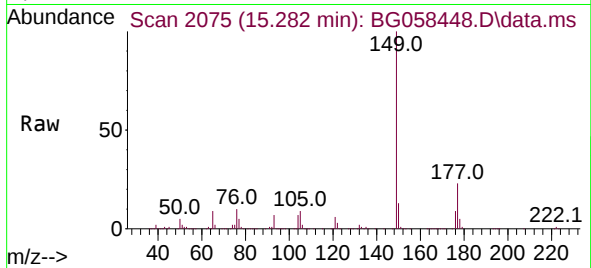




#59
Diethylphthalate
Concen: 36.940 ng/ul
RT: 15.282 min Scan# 2075
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

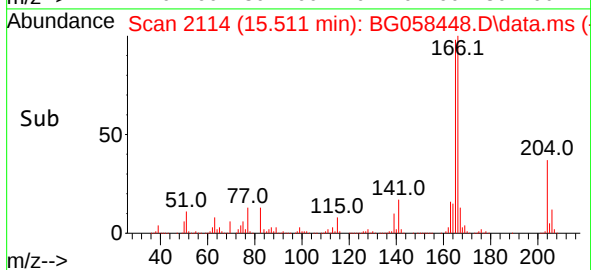
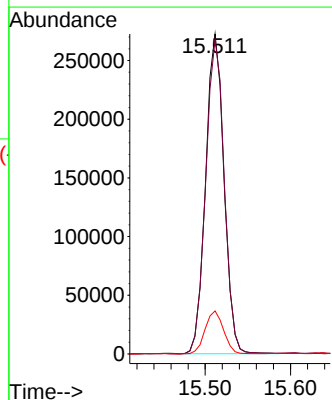
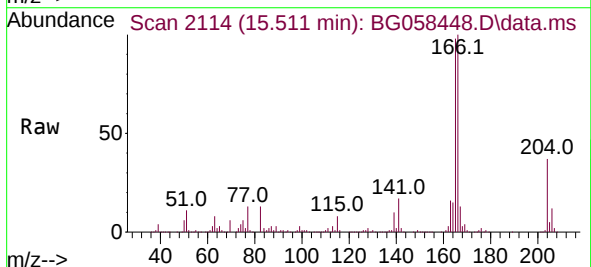
Instrument :
BNA_G
ClientSampleId :

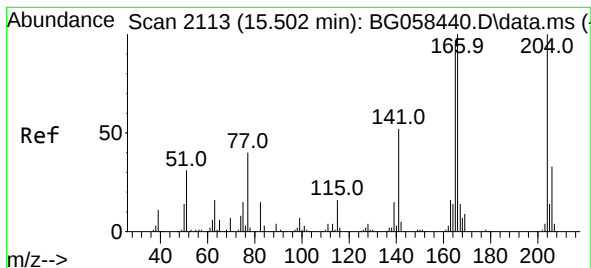
Tgt Ion:149 Resp: 439261
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.7 10.0 15.0



#61
Fluorene
Concen: 38.698 ng/ul
RT: 15.511 min Scan# 2114
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:166 Resp: 407825
Ion Ratio Lower Upper
166 100
165 98.2 80.2 120.2
167 13.5 10.5 15.7

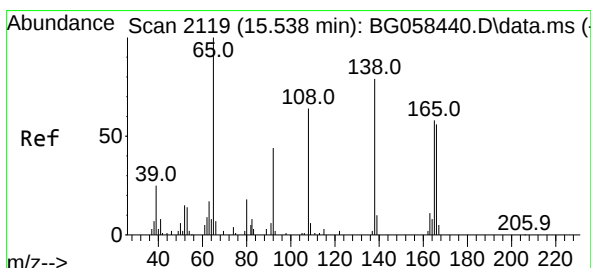
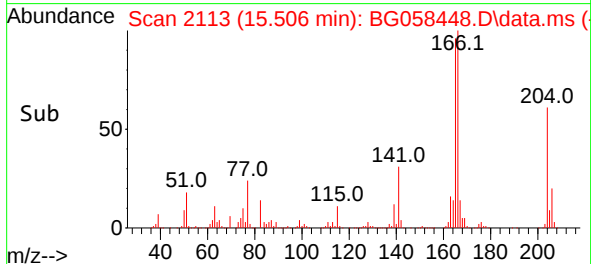
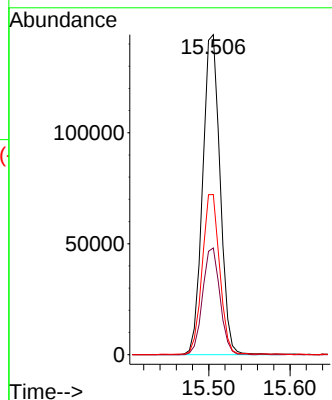
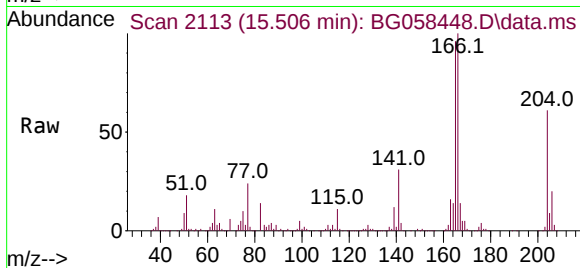




#62
4-Chlorophenyl-phenylether
Concen: 38.320 ng/ul
RT: 15.506 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

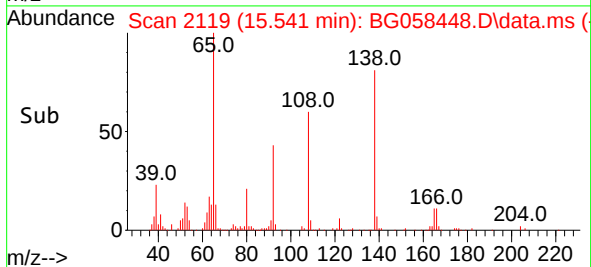
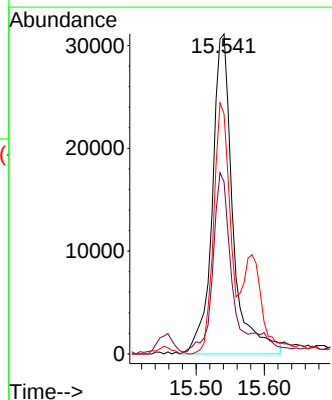
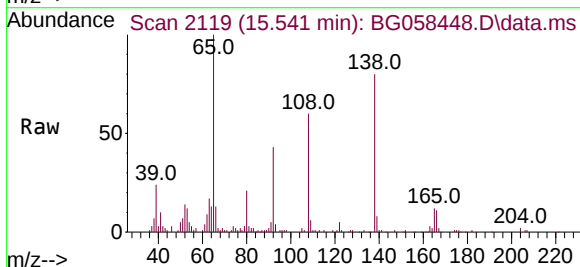
Instrument :
BNA_G
ClientSampleId :

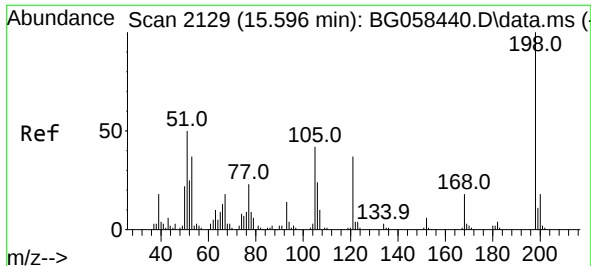
Tgt Ion:204 Resp: 214392
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 50.0 42.2 63.2



#63
4-Nitroaniline
Concen: 39.039 ng/ul
RT: 15.541 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:138 Resp: 65661
Ion Ratio Lower Upper
138 100
92 53.8 45.0 67.4
108 75.1 60.8 91.2

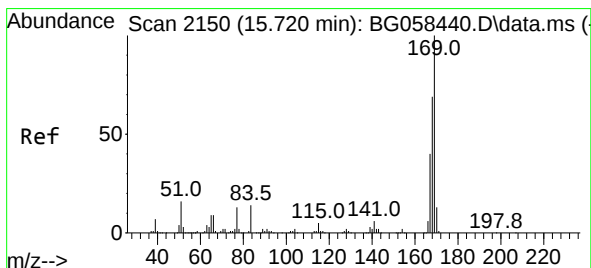
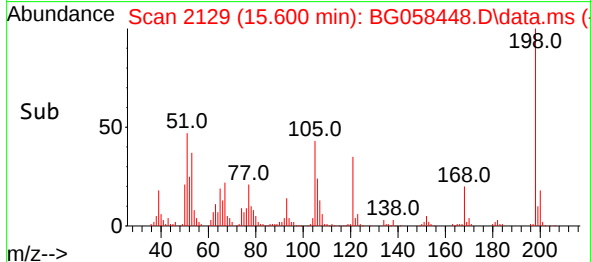
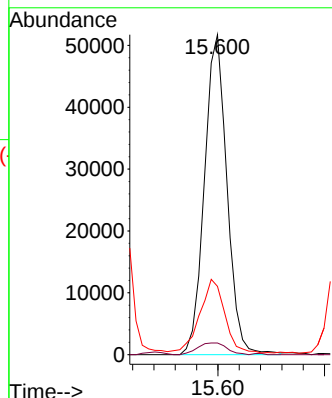
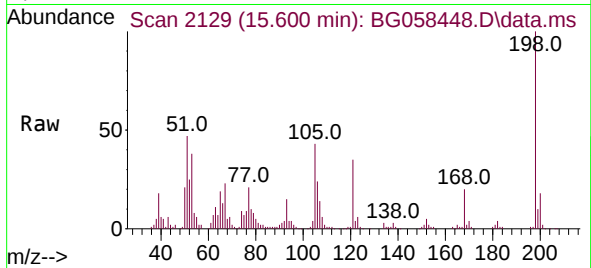




#66
 4,6-Dinitro-2-methylphenol
 Concen: 42.462 ng/ul
 RT: 15.600 min Scan# 2129
 Delta R.T. 0.002 min
 Lab File: BG058448.D
 Acq: 25 Jul 2023 16:10

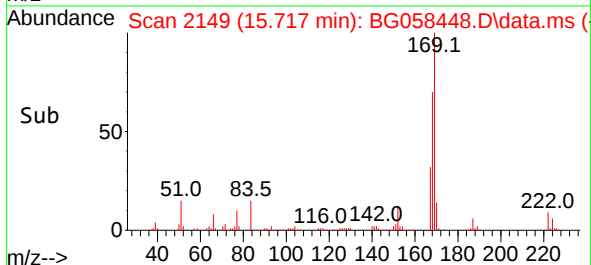
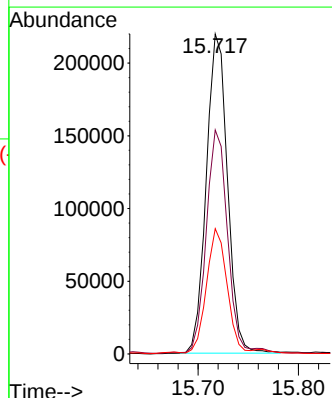
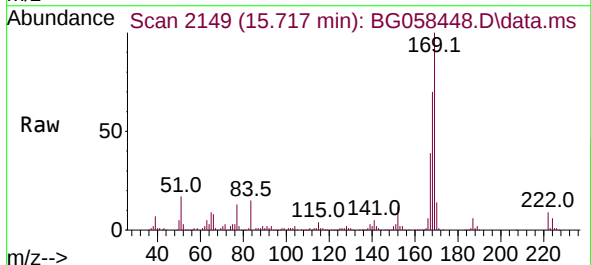
Instrument :
 BNA_G
 ClientSampleId :

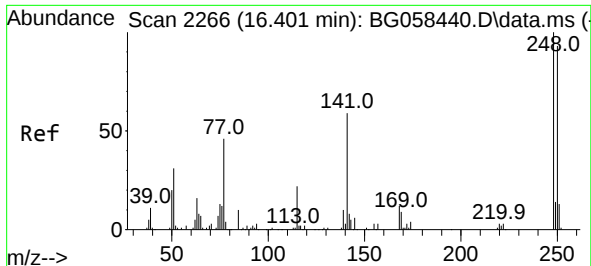
Tgt Ion:198 Resp: 76057
 Ion Ratio Lower Upper
 198 100
 182 3.6 3.4 5.2
 77 21.4 18.4 27.6



#67
 N-Nitrosodiphenylamine
 Concen: 37.986 ng/ul
 RT: 15.717 min Scan# 2149
 Delta R.T. -0.003 min
 Lab File: BG058448.D
 Acq: 25 Jul 2023 16:10

Tgt Ion:169 Resp: 321768
 Ion Ratio Lower Upper
 169 100
 168 70.0 55.7 83.5
 167 39.2 31.2 46.8

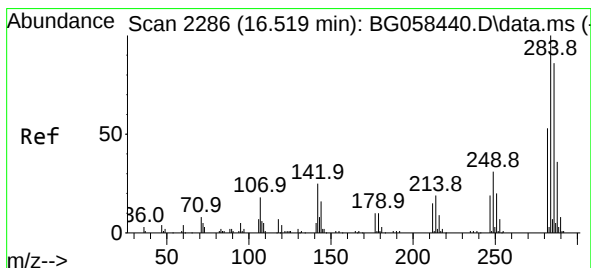
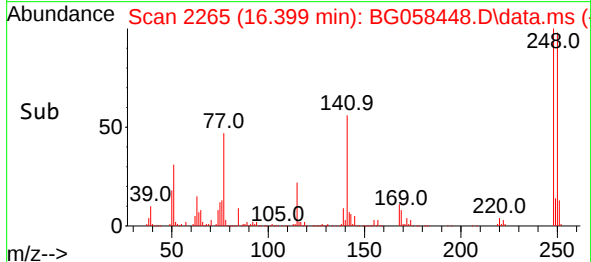
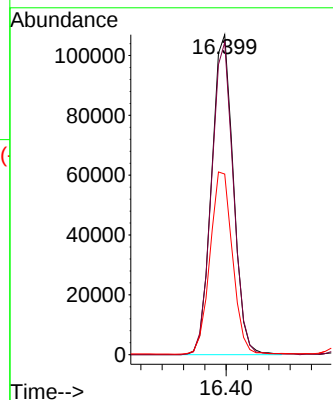
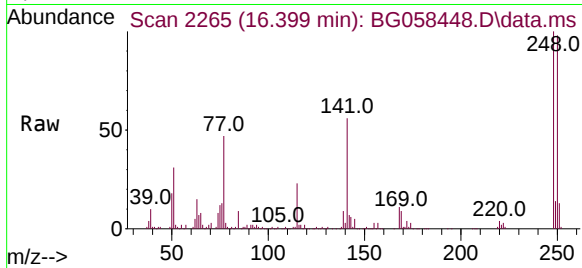




#68
 4-Bromophenyl-phenylether
 Concen: 42.028 ng/ul
 RT: 16.399 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG058448.D
 Acq: 25 Jul 2023 16:10

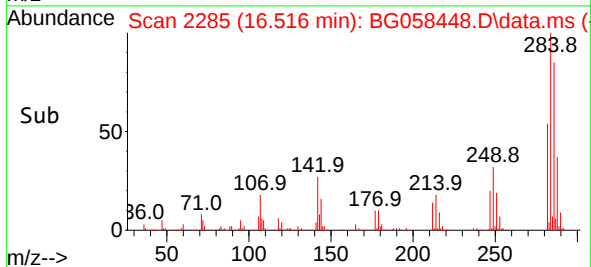
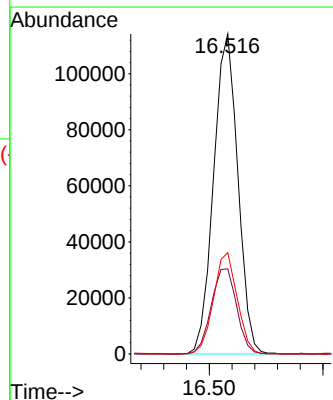
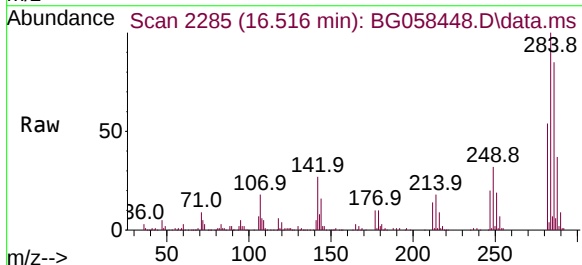
Instrument :
 BNA_G
 ClientSampleId :

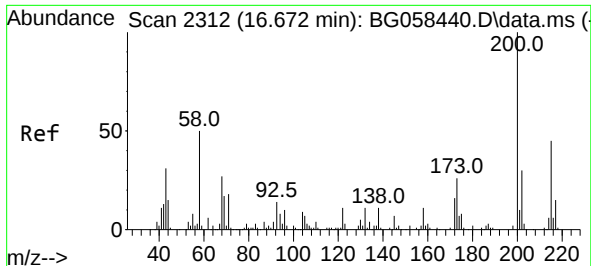
Tgt Ion:248 Resp: 152120
 Ion Ratio Lower Upper
 248 100
 250 97.6 73.8 110.6
 141 56.4 48.2 72.2



#69
 Hexachlorobenzene
 Concen: 41.400 ng/ul
 RT: 16.516 min Scan# 2285
 Delta R.T. -0.003 min
 Lab File: BG058448.D
 Acq: 25 Jul 2023 16:10

Tgt Ion:284 Resp: 169086
 Ion Ratio Lower Upper
 284 100
 142 26.6 20.5 30.7
 249 31.7 25.2 37.8

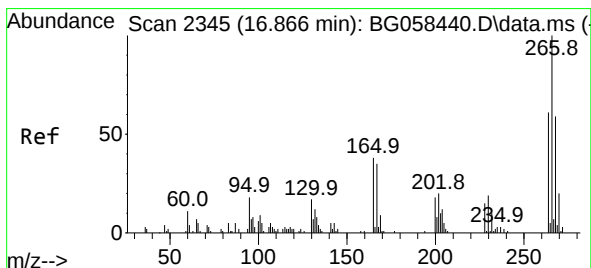
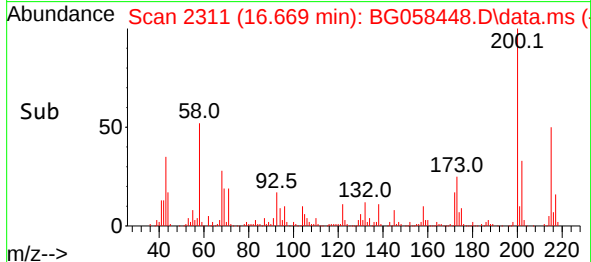
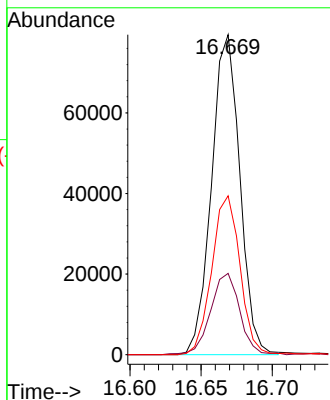
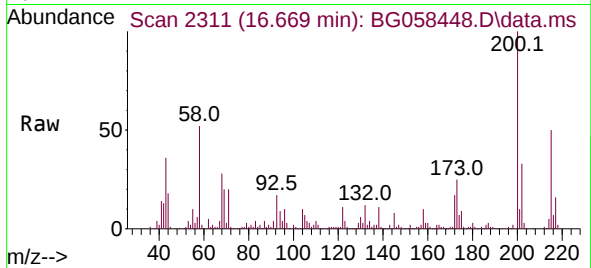




#70
 Atrazine
 Concen: 33.088 ng/ul
 RT: 16.669 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG058448.D
 Acq: 25 Jul 2023 16:10

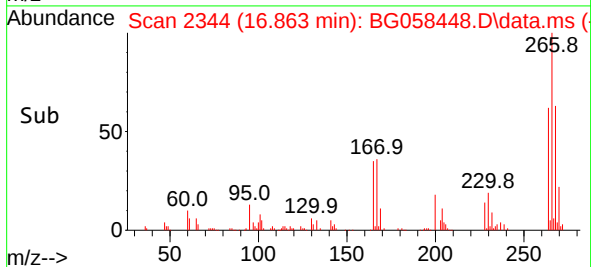
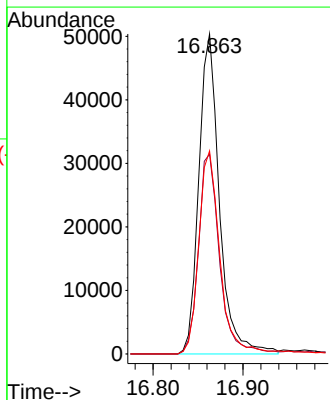
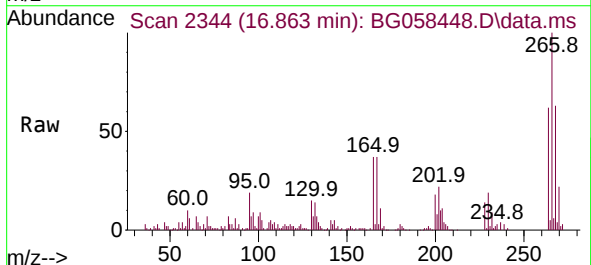
Instrument :
 BNA_G
 ClientSampleId :

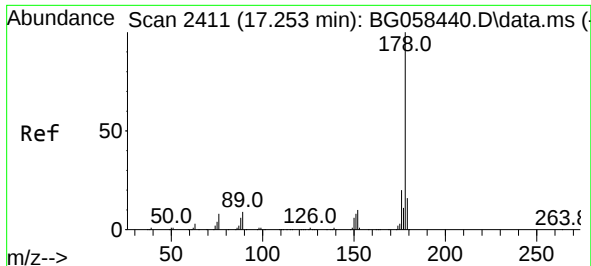
Tgt Ion:200 Resp: 109886
 Ion Ratio Lower Upper
 200 100
 173 25.4 19.8 29.8
 215 49.6 36.2 54.4



#71
 Pentachlorophenol
 Concen: 35.059 ng/ul
 RT: 16.863 min Scan# 2344
 Delta R.T. -0.003 min
 Lab File: BG058448.D
 Acq: 25 Jul 2023 16:10

Tgt Ion:266 Resp: 80375
 Ion Ratio Lower Upper
 266 100
 264 62.5 46.6 70.0
 268 63.5 47.6 71.4

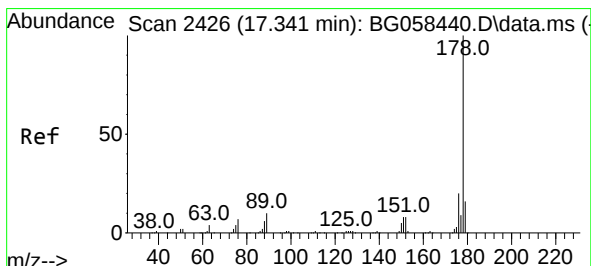
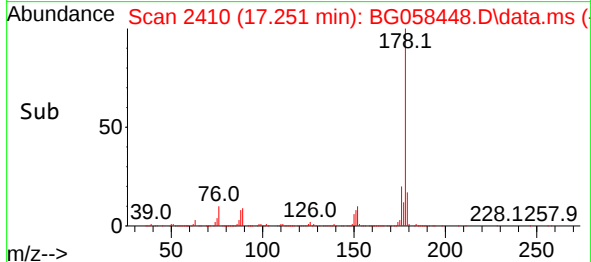
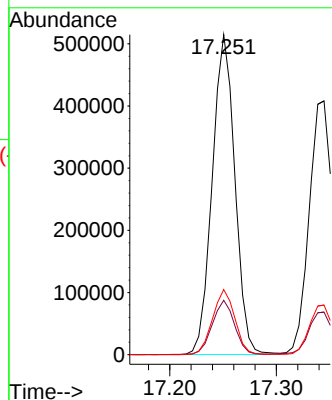
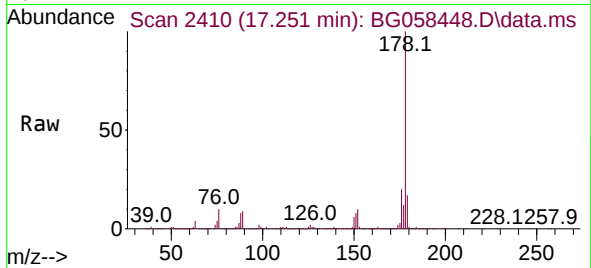




#72
Phenanthrene
Concen: 46.762 ng/ul
RT: 17.251 min Scan# 2411
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

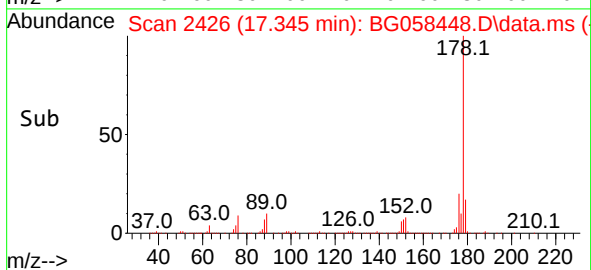
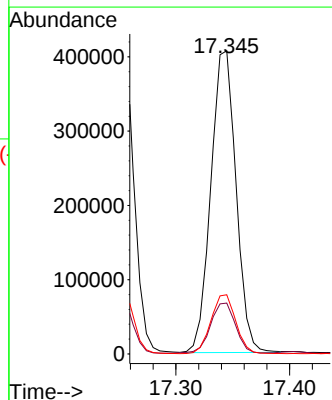
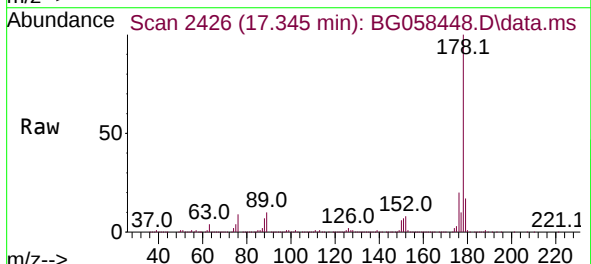
Instrument :
BNA_G
ClientSampleId :

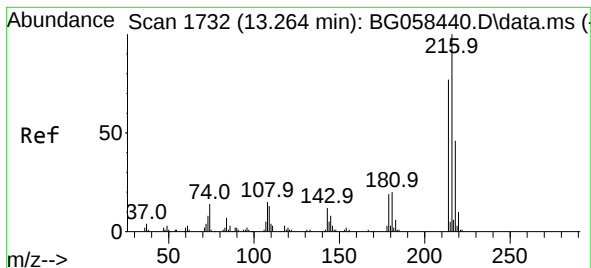
Tgt Ion:178 Resp: 759381
Ion Ratio Lower Upper
178 100
179 17.0 11.9 17.9
176 20.4 15.8 23.8



#74
Anthracene
Concen: 38.367 ng/ul
RT: 17.345 min Scan# 2426
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:178 Resp: 625491
Ion Ratio Lower Upper
178 100
179 16.8 13.4 20.2
176 19.5 16.2 24.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 40.010 ng/uL

RT: 13.261 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

Instrument :

BNA_G

ClientSampleId :

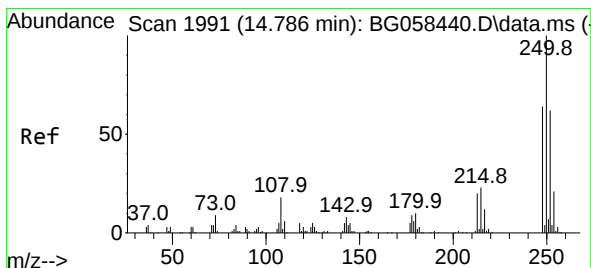
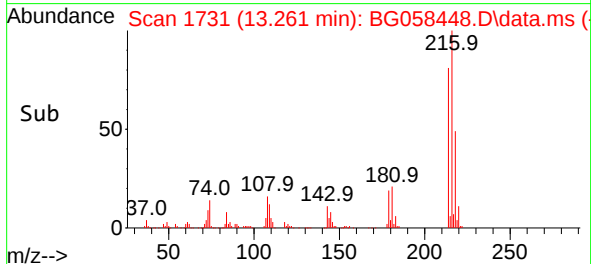
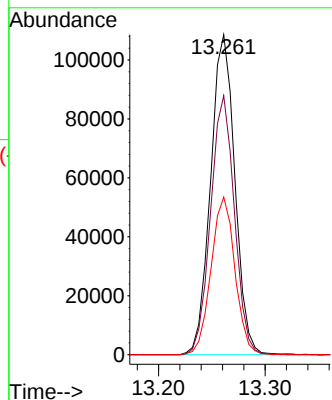
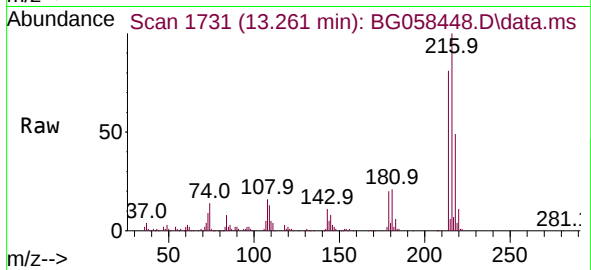
Tgt Ion:216 Resp: 171493

Ion Ratio Lower Upper

216 100

214 81.0 62.2 93.4

218 49.3 40.9 61.3



#76

Pentachlorobenzene

Concen: 38.971 ng/uL

RT: 14.783 min Scan# 1990

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

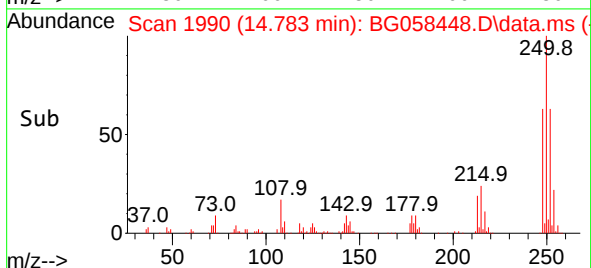
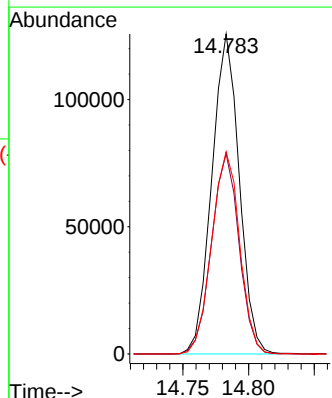
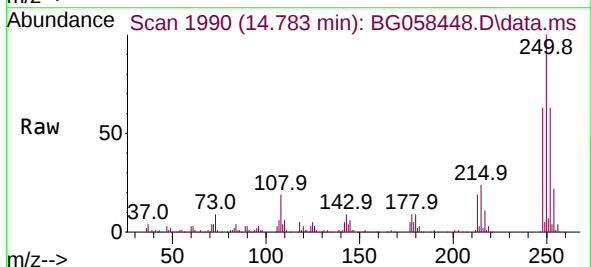
Tgt Ion:250 Resp: 182665

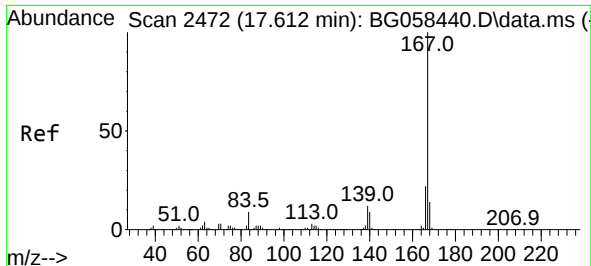
Ion Ratio Lower Upper

250 100

248 62.6 51.6 77.4

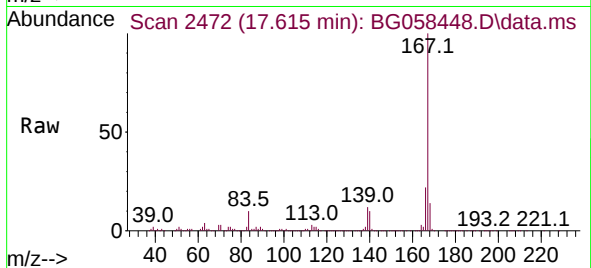
252 63.2 54.4 81.6





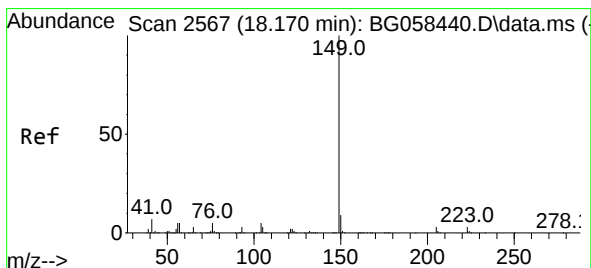
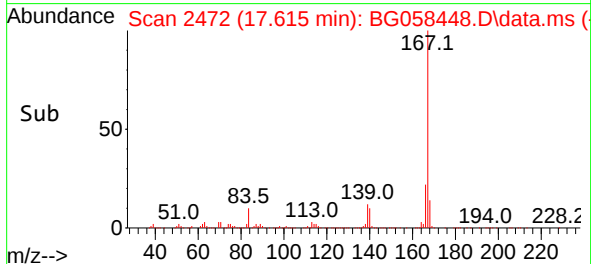
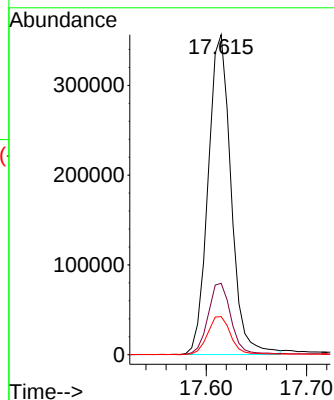
#77
 Carbazole
 Concen: 39.976 ng/ul
 RT: 17.615 min Scan# 2472
 Delta R.T. -0.003 min
 Lab File: BG058448.D
 Acq: 25 Jul 2023 16:10

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:167 Resp: 564944

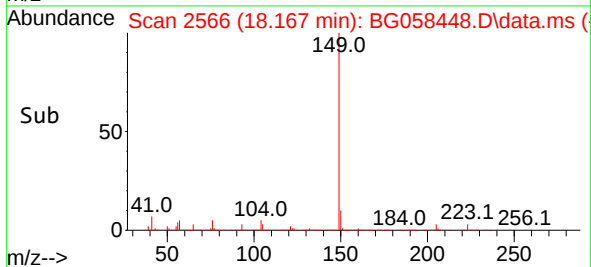
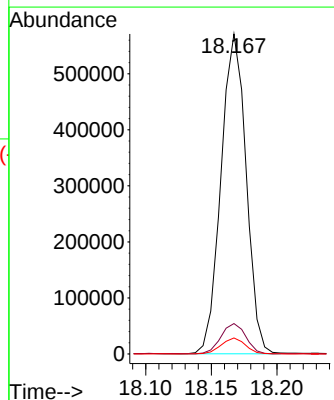
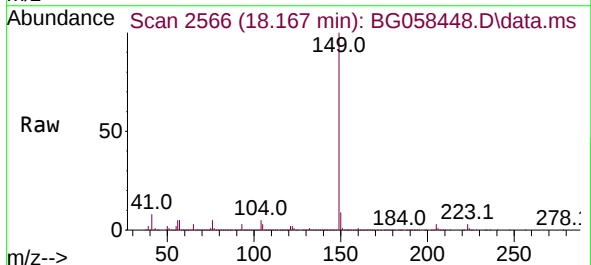
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	11.9	9.4	14.0

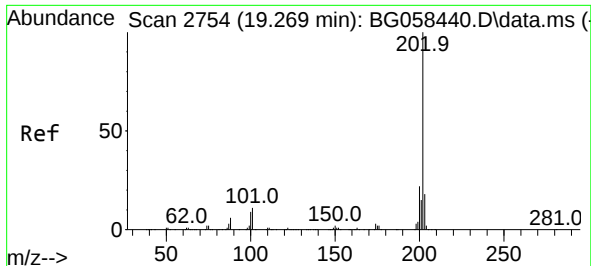


#78
 Di-n-butylphthalate
 Concen: 42.311 ng/ul
 RT: 18.167 min Scan# 2566
 Delta R.T. -0.003 min
 Lab File: BG058448.D
 Acq: 25 Jul 2023 16:10

Tgt Ion:149 Resp: 759796

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	5.0	3.9	5.9

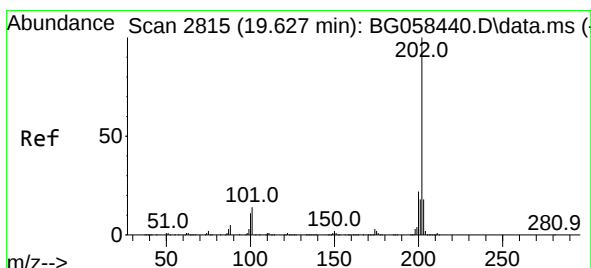
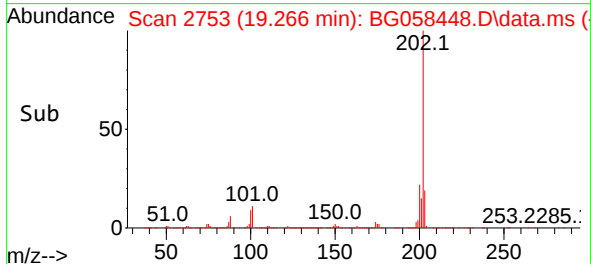
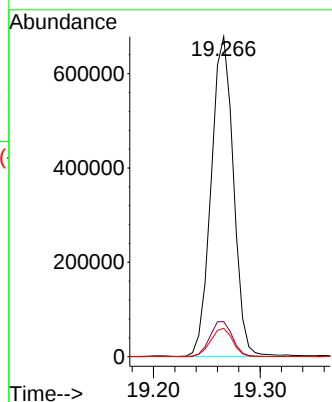
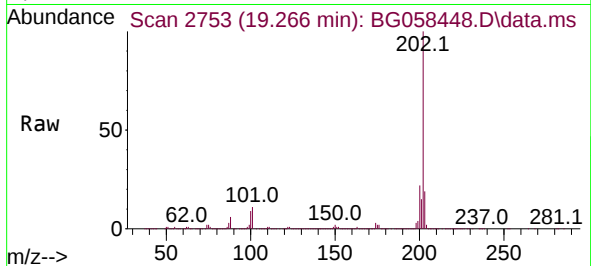




#80
Fluoranthene
Concen: 51.571 ng/u1
RT: 19.266 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

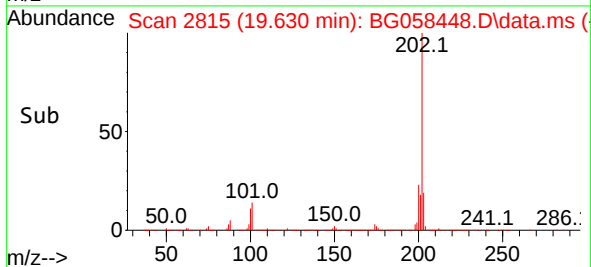
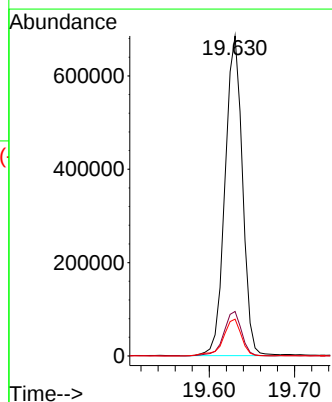
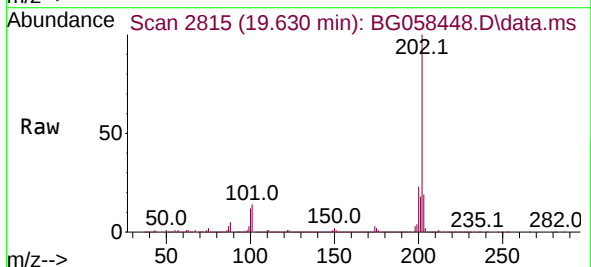
Instrument :
BNA_G
ClientSampleId :

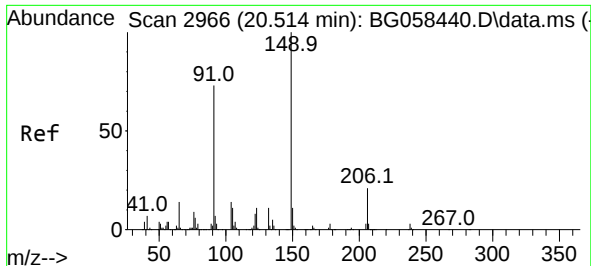
Tgt Ion:202 Resp: 982658
Ion Ratio Lower Upper
202 100
101 10.9 8.6 12.8
100 8.9 7.2 10.8



#82
Pyrene
Concen: 50.387 ng/u1
RT: 19.630 min Scan# 2815
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:202 Resp: 972812
Ion Ratio Lower Upper
202 100
101 13.9 10.2 15.2
100 11.5 8.9 13.3

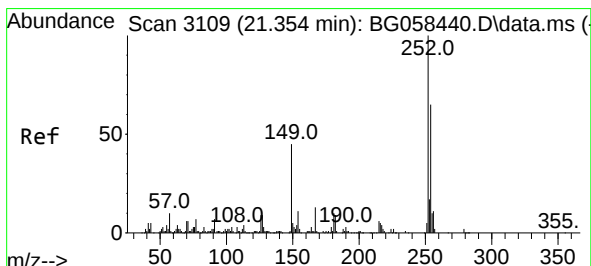
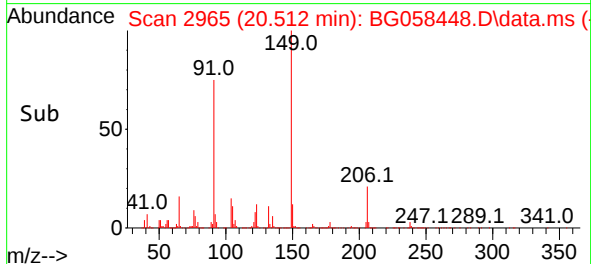
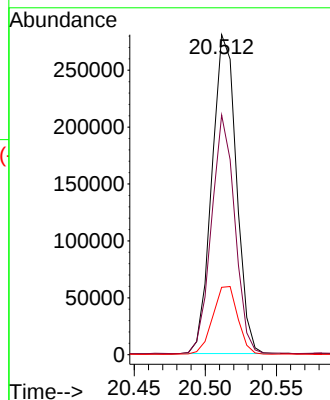
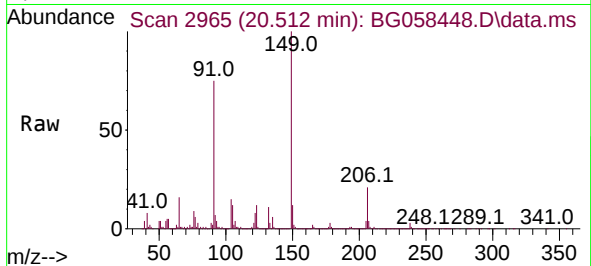




#83
Butylbenzylphthalate
Concen: 44.113 ng/ul
RT: 20.512 min Scan# 2965
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

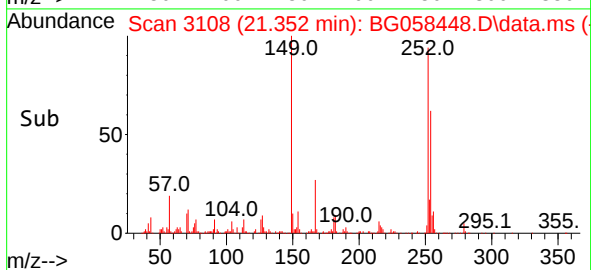
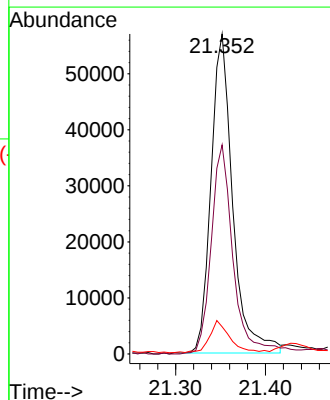
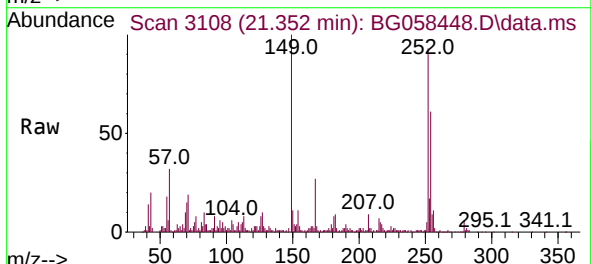
Instrument :
BNA_G
ClientSampleId :

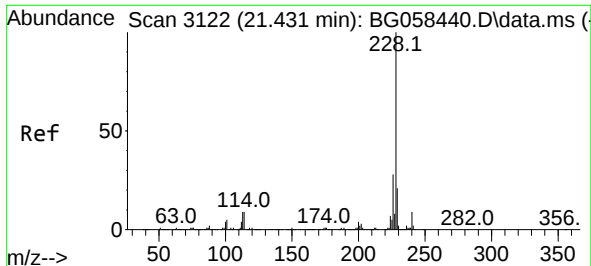
Tgt Ion:149 Resp: 335366
Ion Ratio Lower Upper
149 100
91 74.9 59.9 89.9
206 21.0 16.9 25.3



#84
3,3'-Dichlorobenzidine
Concen: 15.180 ng/ul
RT: 21.352 min Scan# 3108
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

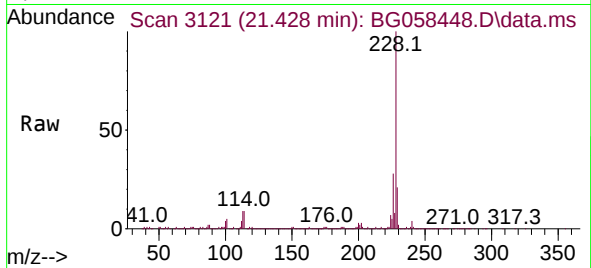
Tgt Ion:252 Resp: 95424
Ion Ratio Lower Upper
252 100
254 65.4 50.5 75.7
126 8.5 6.5 9.7



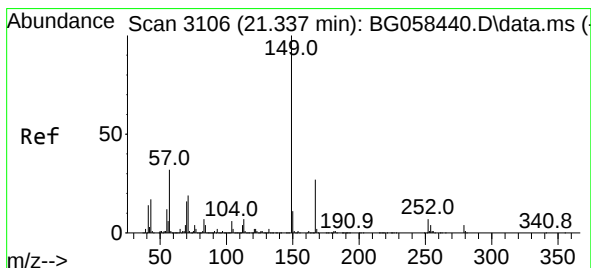
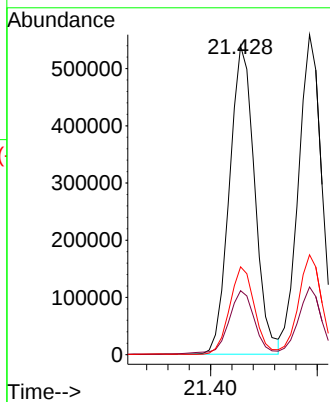
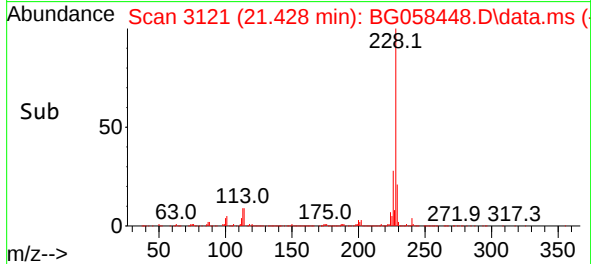


#85
Benzo(a)anthracene
Concen: 46.886 ng/ul
RT: 21.428 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Instrument :
BNA_G
ClientSampleId :

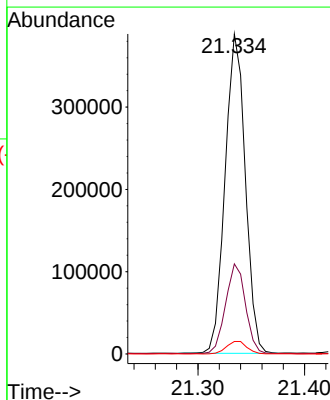
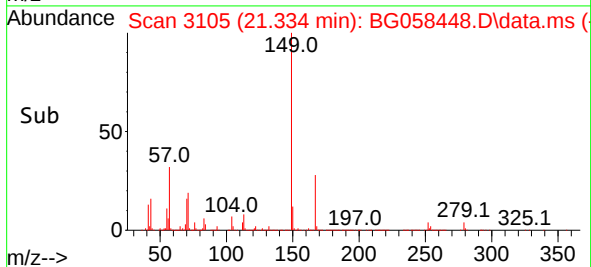
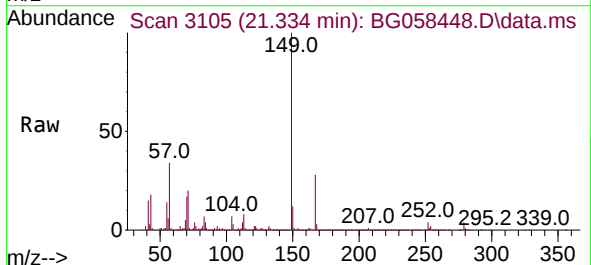


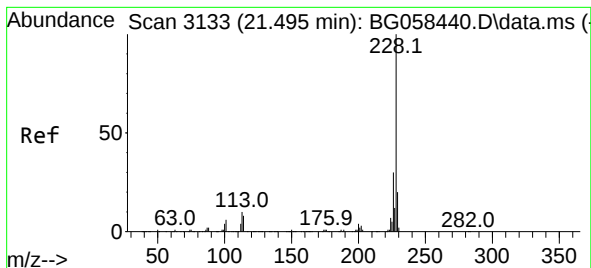
Tgt Ion:228 Resp: 887466
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.5 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 47.246 ng/ul
RT: 21.334 min Scan# 3105
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:149 Resp: 510887
Ion Ratio Lower Upper
149 100
167 28.2 21.6 32.4
279 3.9 3.0 4.4





#87

Chrysene

Concen: 47.716 ng/ul

RT: 21.493 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

Instrument :

BNA_G

ClientSampleId :

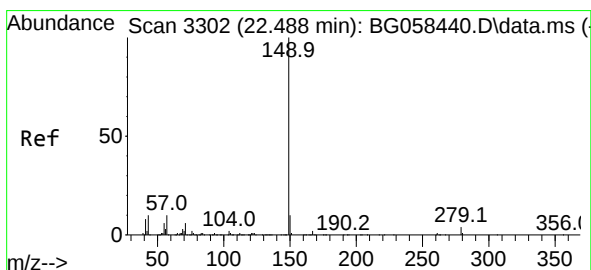
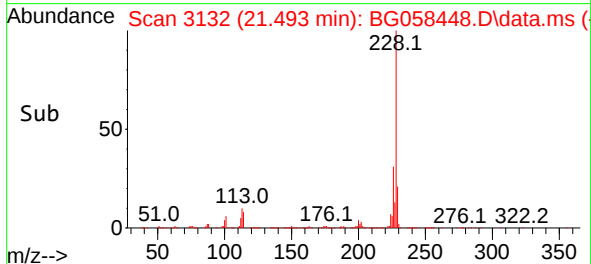
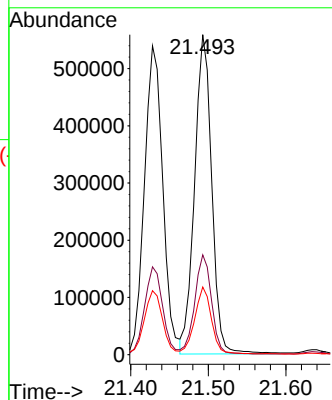
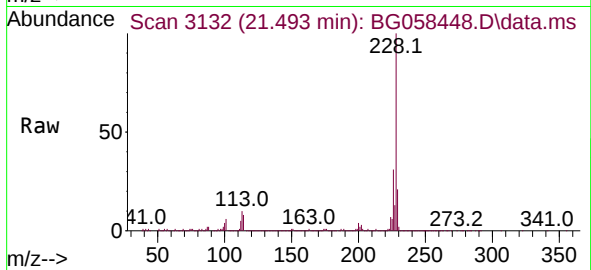
Tgt Ion:228 Resp: 856688

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

229 21.2 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 45.690 ng/ul

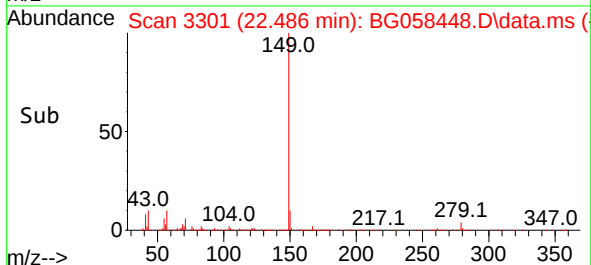
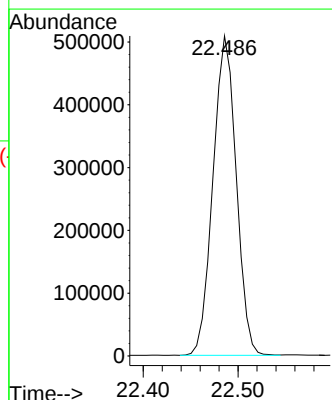
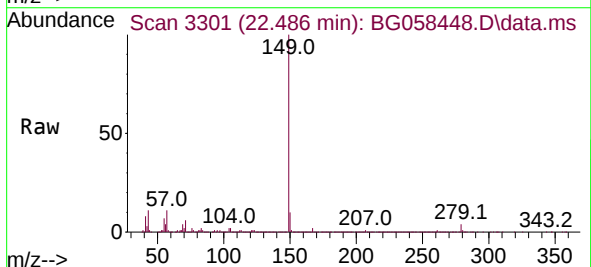
RT: 22.486 min Scan# 3301

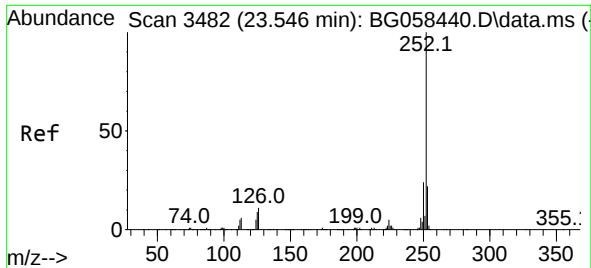
Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

Tgt Ion:149 Resp: 867206

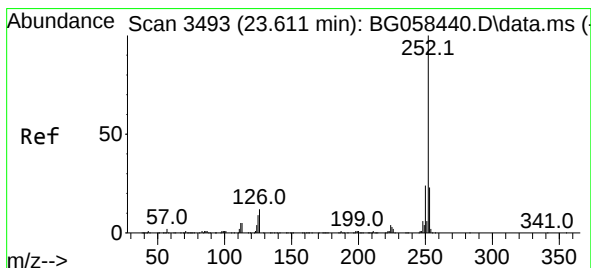
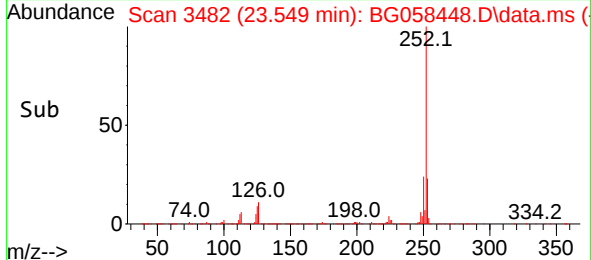
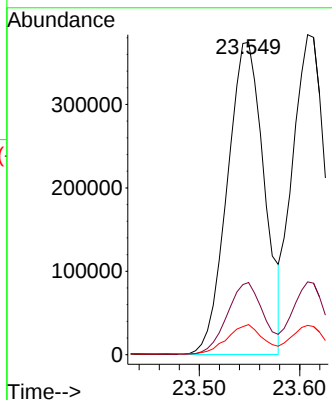
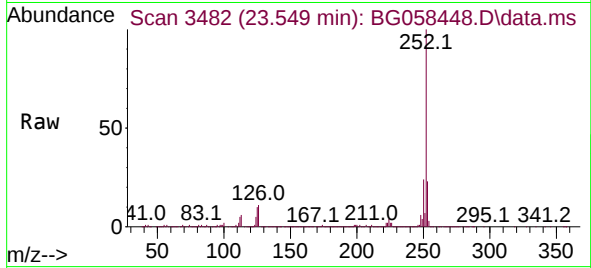




#90
Benzo(b)fluoranthene
Concen: 46.417 ng/ul
RT: 23.549 min Scan# 3482
Delta R.T. 0.002 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

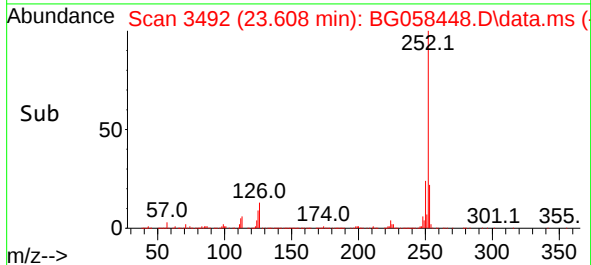
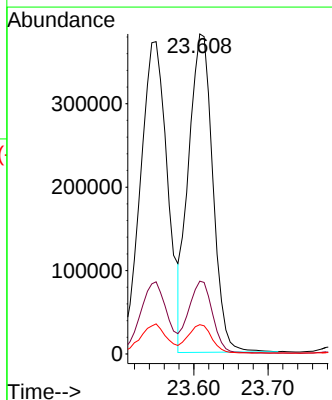
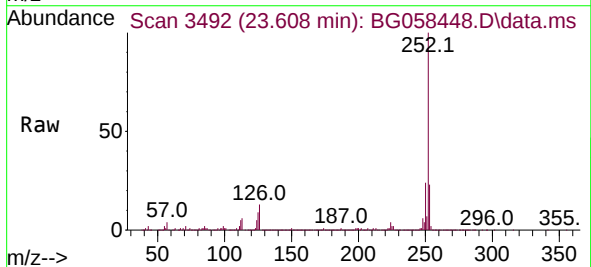
Instrument :
BNA_G
ClientSampleId :

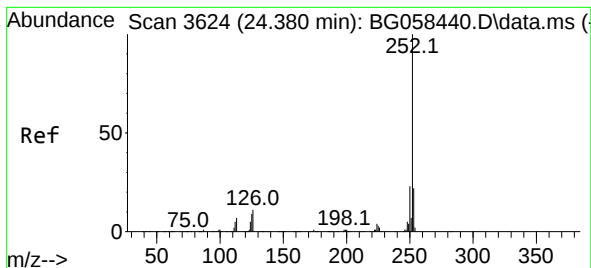
Tgt Ion:252 Resp: 958027
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 9.6 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 42.223 ng/ul
RT: 23.608 min Scan# 3492
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:252 Resp: 869150
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 9.1 7.4 11.0





#93

Benzo(a)pyrene

Concen: 42.783 ng/ul

RT: 24.378 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

Instrument :

BNA_G

ClientSampleId :

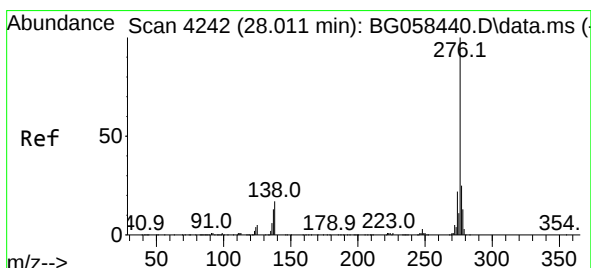
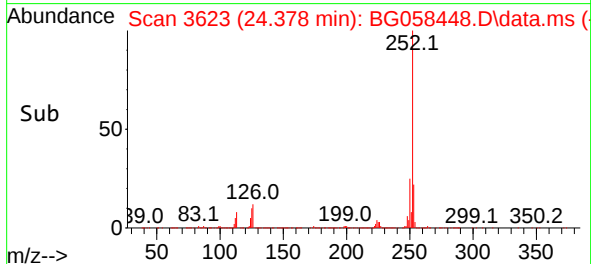
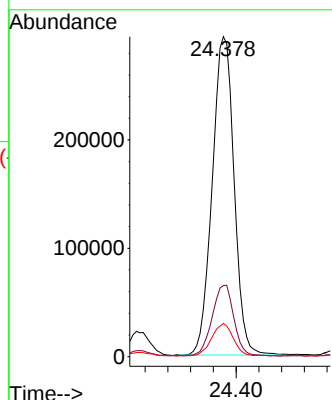
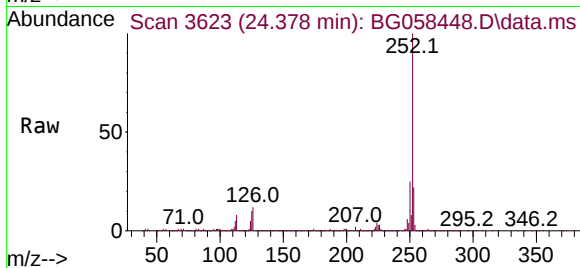
Tgt Ion:252 Resp: 785392

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.4 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 44.437 ng/ul

RT: 28.014 min Scan# 4242

Delta R.T. 0.002 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

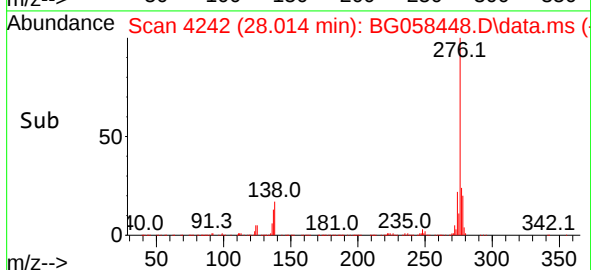
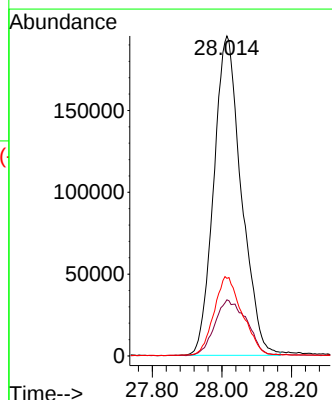
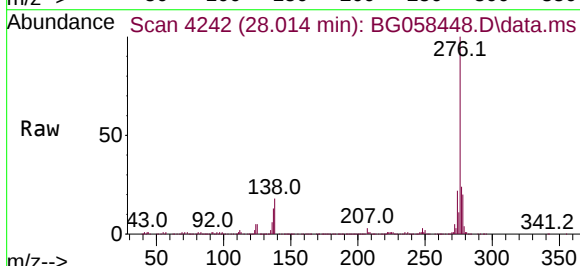
Tgt Ion:276 Resp: 1074791

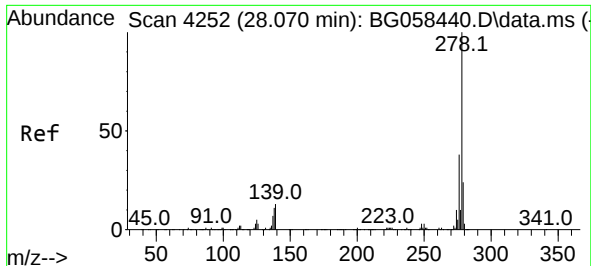
Ion Ratio Lower Upper

276 100

138 17.6 13.8 20.6

277 24.2 19.2 28.8

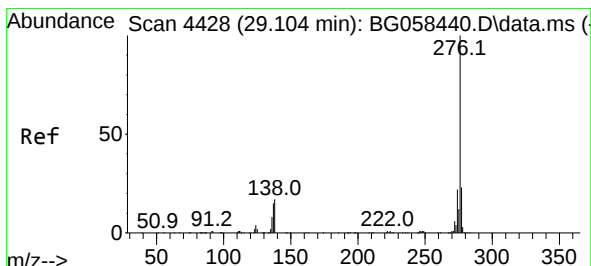
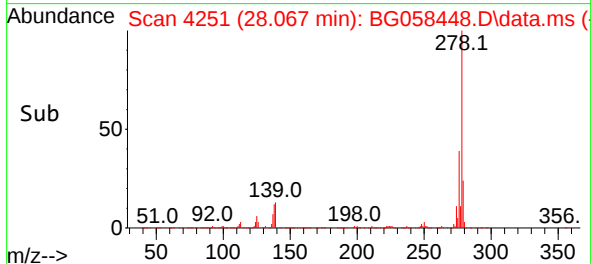
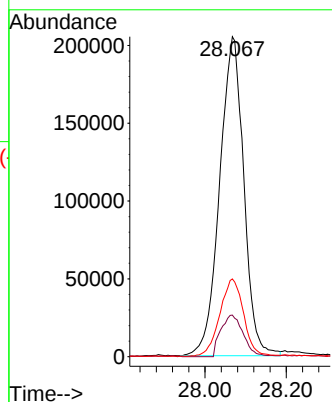
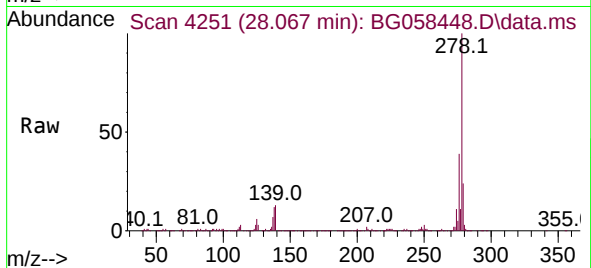




#95
Dibenzo(a,h)anthracene
Concen: 42.685 ng/ul
RT: 28.067 min Scan# 4251
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 846589
Ion Ratio Lower Upper
278 100
139 13.0 10.4 15.6
279 24.3 18.4 27.6



#96
Benzo(g,h,i)perylene
Concen: 41.228 ng/ul
RT: 29.107 min Scan# 4428
Delta R.T. -0.003 min
Lab File: BG058448.D
Acq: 25 Jul 2023 16:10

Tgt Ion:276 Resp: 812441
Ion Ratio Lower Upper
276 100
138 18.3 13.5 20.3
277 24.1 19.4 29.2

