

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058328.D
 Acq On : 19 Jul 2023 14:26
 Operator : CG/JU
 Sample : 03501-16MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46X7MS

Quant Time: Jul 19 22:36:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	39760	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	187513	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	138484	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.278	188	330183	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	266137	20.000	ng/u1	0.00
88) Perylene-d12	24.657	264	318036	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	1545	1.430	ng/uL	0.00
4) Pyridine-d5	3.746	84	39968	12.465	ng/u1	0.00
7) Phenol-d5	7.060	99	37602	9.969	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	23964	10.165	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	27483	10.409	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	5831	2.027	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	14722	10.474	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	16761	10.923	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	29756	10.116	ng/u1	0.00
31) 4-Chloroaniline-d4	10.850	131	2065	0.484	ng/u1	0.01
46) Dimethylphthalate-d6	13.934	166	113401	10.619	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	121894	10.892	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	16069	9.964	ng/u1	0.00
60) Fluorene-d10	15.527	176	104517	11.822	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	16379	9.736	ng/u1	0.00
73) Anthracene-d10	17.377	188	127236	8.918	ng/u1	0.00
81) Pyrene-d10	19.669	212	138847	8.833	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.440	264	68339	4.446	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	5351	4.367	ng/uL#	74
6) Benzaldehyde	7.037	77	32181	21.127	ng/u1	98
8) Phenol	7.090	94	44542	11.372	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.313	93	33687	11.226	ng/u1	98
12) 2-Chlorophenol	7.460	128	30930	11.192	ng/u1	96
13) 2-Methylphenol	8.335	108	6586	2.157	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.417	45	57339	11.660	ng/u1	96
16) Acetophenone	8.717	105	65199	13.307	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.694	70	36754	13.706	ng/u1	97
18) 4-Methylphenol	8.670	108	17962	5.414	ng/u1	84
19) Hexachloroethane	8.976	117	7433	6.823	ng/u1#	82
22) Nitrobenzene	9.099	77	43951	11.726	ng/u1	96
23) Isophorone	9.616	82	87542	10.418	ng/u1	99
25) 2-Nitrophenol	9.810	139	19446	11.865	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.098	93	50312	11.305	ng/u1	98
29) 2,4-Dichlorophenol	10.350	162	31668	11.343	ng/u1	91
30) Naphthalene	10.750	128	122740	12.246	ng/u1	99
33) Hexachlorobutadiene	11.026	225	23111	11.577	ng/u1	92
34) Caprolactam	11.608	113	9715	8.378	ng/u1#	75
35) 4-Chloro-3-methylphenol	11.984	107	29020	8.168	ng/u1	95
36) 2-Methylnaphthalene	12.360	142	85831	12.782	ng/u1	96
37) 1-Methylnaphthalene	12.577	142	87841	12.764	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.724	216	43473	10.844	ng/u1	92
40) Hexachlorocyclopentadiene	12.701	237	18447	8.556	ng/u1	96

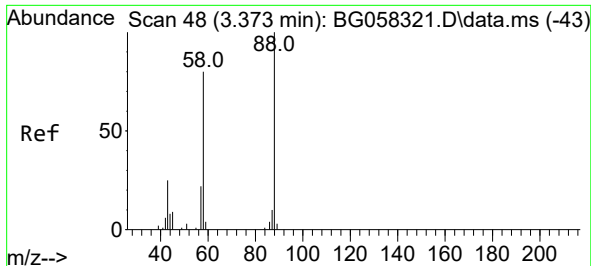
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058328.D
 Acq On : 19 Jul 2023 14:26
 Operator : CG/JU
 Sample : 03501-16MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46X7MS

Quant Time: Jul 19 22:36:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

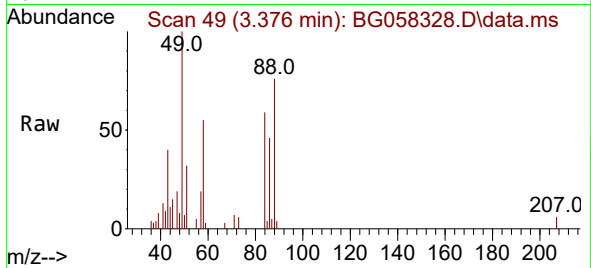
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 2,4,6-Trichlorophenol	12.965	196	26037	9.594	ng/ul	92
42) 2,4,5-Trichlorophenol	13.041	196	32868	11.358	ng/ul	97
43) 1,1'-Biphenyl	13.365	154	117424	12.540	ng/ul	100
44) 2-Chloronaphthalene	13.412	162	91587	12.301	ng/ul	97
45) 2-Nitroaniline	13.617	65	30742	11.887	ng/ul	97
47) Dimethylphthalate	13.981	163	126069	11.753	ng/ul	100
48) 2,6-Dinitrotoluene	14.111	165	24975	12.049	ng/ul	96
50) Acenaphthylene	14.258	152	143218	11.856	ng/ul	99
51) 3-Nitroaniline	14.446	138	6627	3.836	ng/ul#	91
52) Acenaphthene	14.598	153	116116	13.845	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	9510	8.621	ng/ul#	1
55) 4-Nitrophenol	14.751	109	12748	10.264	ng/ul#	78
56) Dibenzofuran	14.933	168	158430	13.266	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	36217	12.114	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.162	232	28698	10.734	ng/ul	95
59) Diethylphthalate	15.345	149	131979	11.944	ng/ul	99
61) Fluorene	15.580	166	137557	14.046	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.574	204	65168	12.534	ng/ul	98
63) 4-Nitroaniline	15.603	138	10335	6.612	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.662	198	18796	10.860	ng/ul	94
67) N-Nitrosodiphenylamine	15.785	169	55809	6.819	ng/ul	99
68) 4-Bromophenyl-phenylether	16.467	248	43881	12.547	ng/ul	95
69) Hexachlorobenzene	16.584	284	28879	7.318	ng/ul	97
70) Atrazine	16.731	200	35565	11.083	ng/ul	93
71) Pentachlorophenol	16.931	266	18615	8.403	ng/ul	93
72) Phenanthrene	17.319	178	329160	20.977	ng/ul	98
74) Anthracene	17.413	178	173706	11.027	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.335	216	42543	10.272	ng/uL	97
76) Pentachlorobenzene	14.851	250	43017	9.498	ng/uL	97
77) Carbazole	17.683	167	128803	9.433	ng/ul	99
78) Di-n-butylphthalate	18.235	149	1199650	69.139	ng/ul	98
80) Fluoranthene	19.334	202	368673	20.473	ng/ul	99
82) Pyrene	19.698	202	244641	13.408	ng/ul	98
83) Butylbenzylphthalate	20.580	149	104405	14.531	ng/ul	96
85) Benzo(a)anthracene	21.508	228	280183	15.663	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.414	149	179116	17.527	ng/ul	99
87) Chrysene	21.573	228	268060	15.798	ng/ul	98
89) Di-n-octyl phthalate	22.583	149	250936	14.829	ng/ul	100
90) Benzo(b)fluoranthene	23.664	252	291592	15.846	ng/ul	99
91) Benzo(k)fluoranthene	23.729	252	255661	13.931	ng/ul	99
93) Benzo(a)pyrene	24.510	252	72288	4.417	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.218	276	182613	8.468	ng/ul	97
95) Dibenzo(a,h)anthracene	28.282	278	239328	13.535	ng/ul	98

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

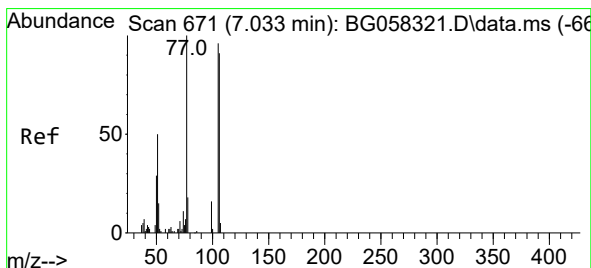
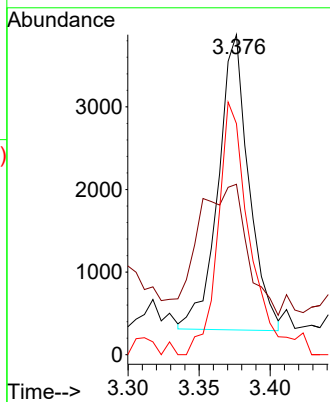
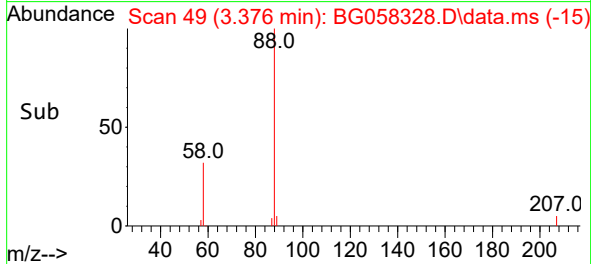


#2
1,4-Dioxane
Concen: 4.367 ng/uL
RT: 3.376 min Scan# 49
Delta R.T. 0.001 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Instrument :
BNA_G
ClientSampleId :
A46X7MS

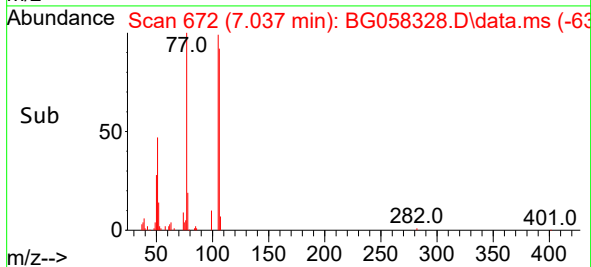
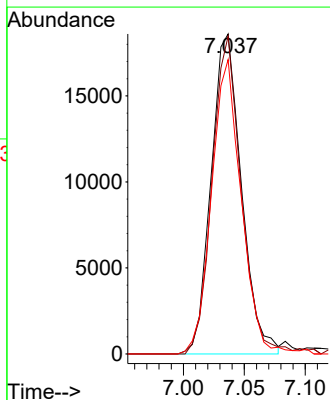
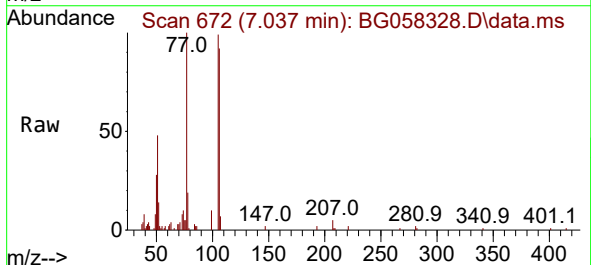


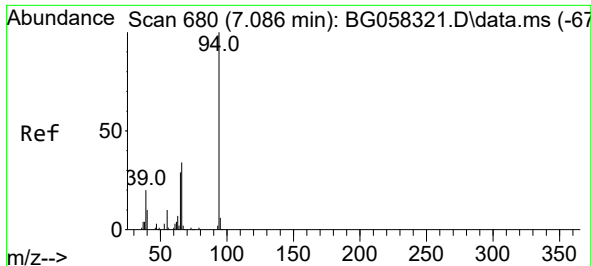
Tgt Ion: 88 Resp: 5351
Ion Ratio Lower Upper
88 100
43 53.3 19.6 29.4#
58 72.2 70.2 105.4



#6
Benzaldehyde
Concen: 21.127 ng/uL
RT: 7.037 min Scan# 672
Delta R.T. 0.002 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion: 77 Resp: 32181
Ion Ratio Lower Upper
77 100
105 99.3 78.2 117.4
106 92.0 71.6 107.4

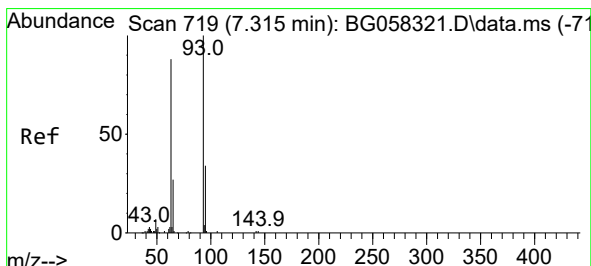
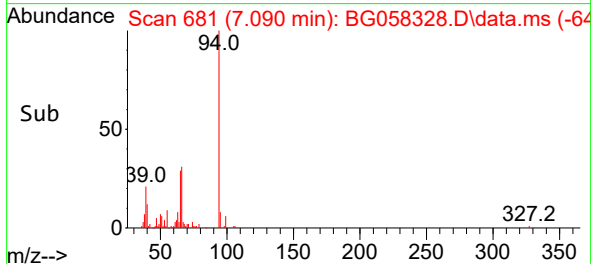
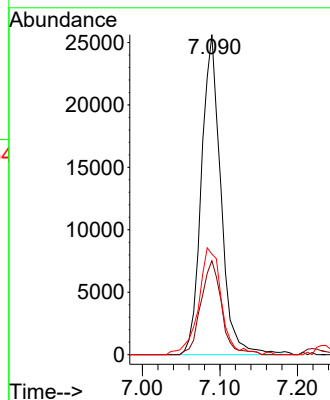
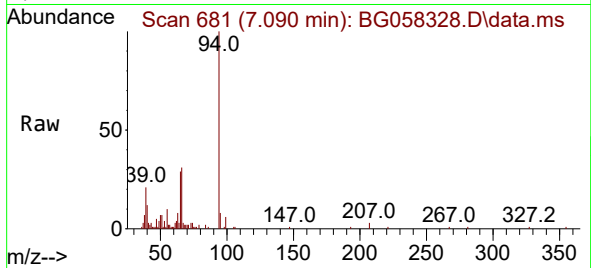




#8
Phenol
Concen: 11.372 ng/ul
RT: 7.090 min Scan# 680
Delta R.T. 0.002 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

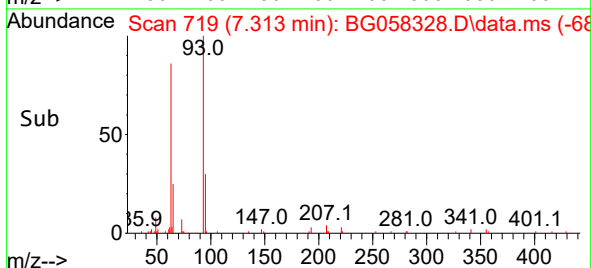
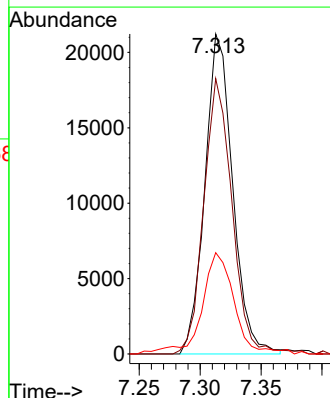
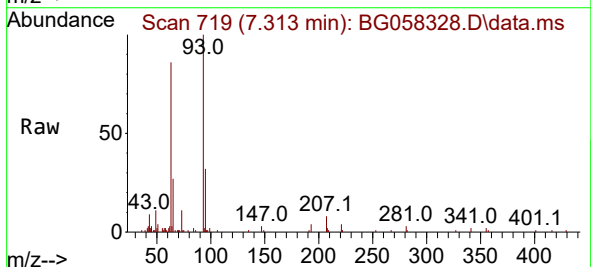
Instrument :
BNA_G
ClientSampleId :
A46X7MS

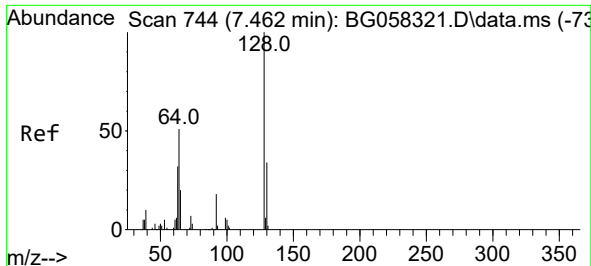
Tgt Ion: 94 Resp: 44542
Ion Ratio Lower Upper
94 100
65 29.3 23.8 35.8
66 31.5 31.2 46.8



#10
Bis(2-Chloroethyl)ether
Concen: 11.226 ng/ul
RT: 7.313 min Scan# 719
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion: 93 Resp: 33687
Ion Ratio Lower Upper
93 100
63 86.1 67.7 101.5
95 31.7 27.0 40.6

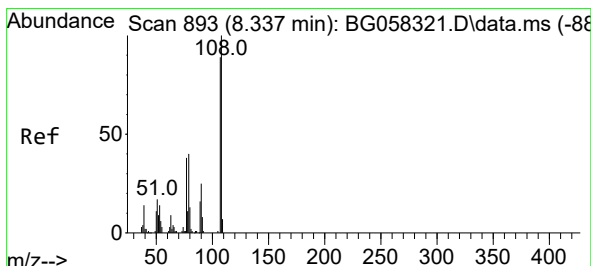
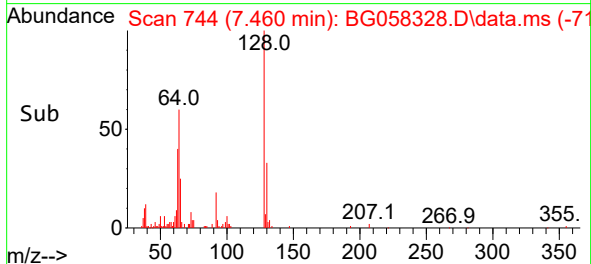
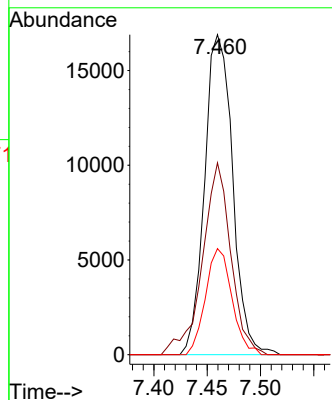
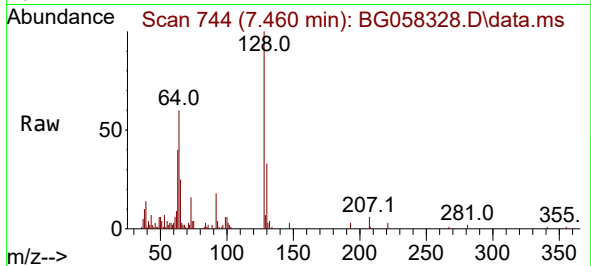




#12
2-Chlorophenol
Concen: 11.192 ng/ul
RT: 7.460 min Scan# 744
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

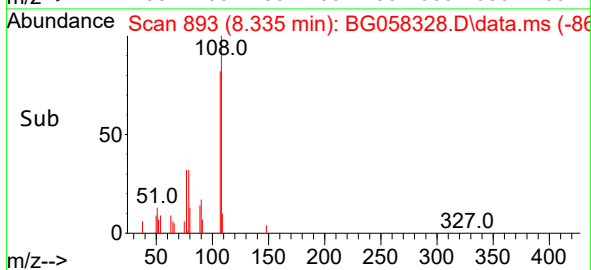
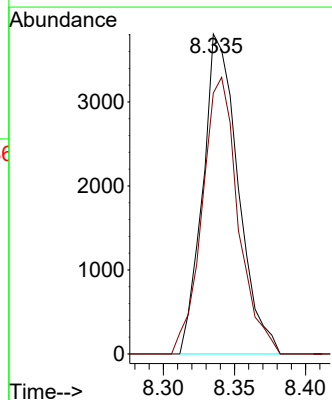
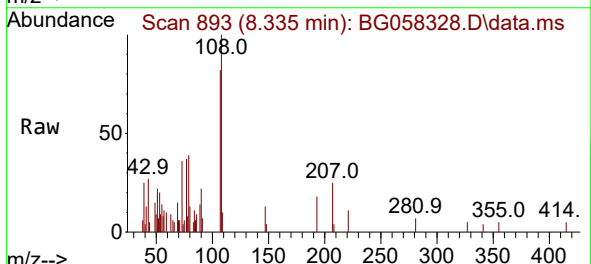
Instrument :
BNA_G
ClientSampleId :
A46X7MS

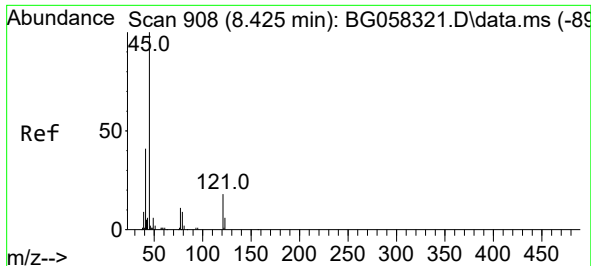
Tgt Ion:128 Resp: 30930
Ion Ratio Lower Upper
128 100
64 59.9 45.6 68.4
130 33.1 25.2 37.8



#13
2-Methylphenol
Concen: 2.157 ng/ul
RT: 8.335 min Scan# 893
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:108 Resp: 6586
Ion Ratio Lower Upper
108 100
107 81.6 71.5 107.3

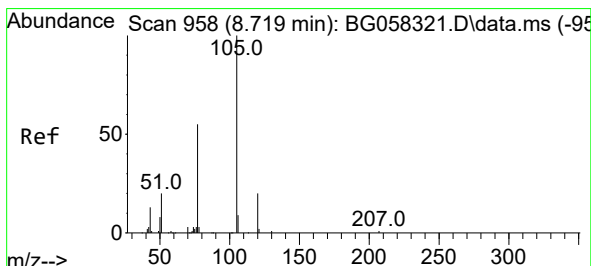
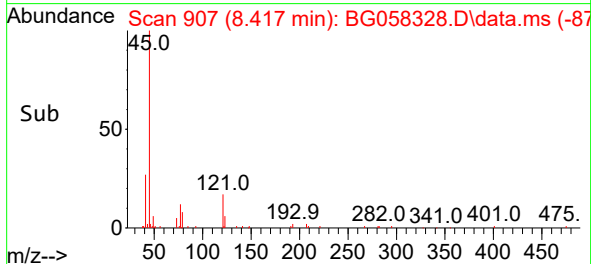
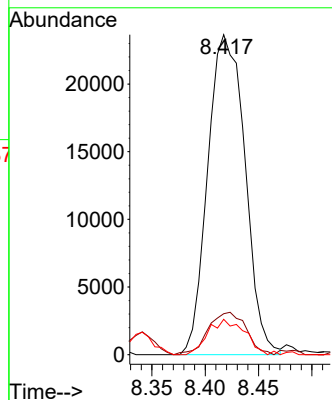
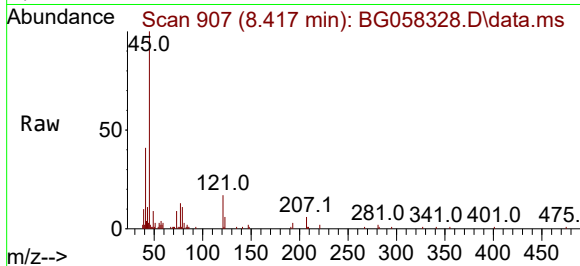




#14
2,2'-oxybis(1-Chloropropane)
Concen: 11.660 ng/ul
RT: 8.417 min Scan# 908
Delta R.T. -0.010 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

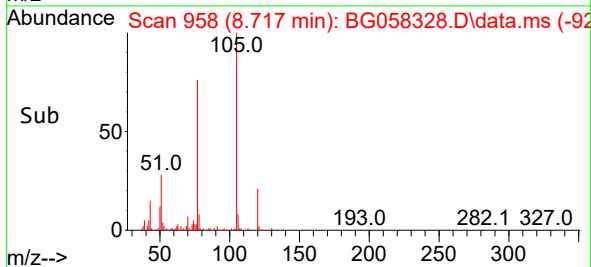
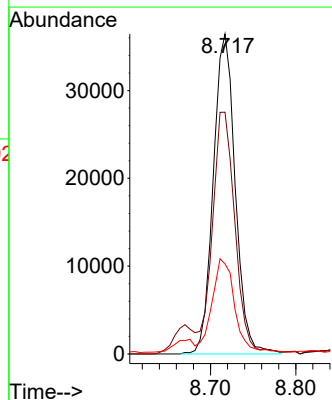
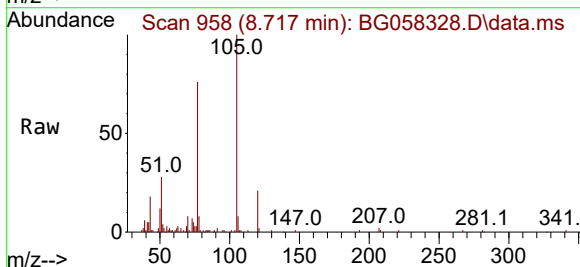
Instrument :
BNA_G
ClientSampleId :
A46X7MS

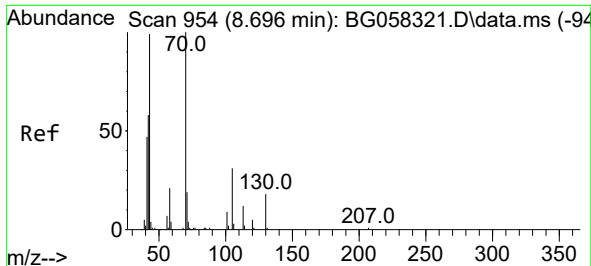
Tgt Ion: 45 Resp: 57339
Ion Ratio Lower Upper
45 100
77 12.8 9.4 14.2
79 11.0 7.4 11.2



#16
Acetophenone
Concen: 13.307 ng/ul
RT: 8.717 min Scan# 958
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion: 105 Resp: 65199
Ion Ratio Lower Upper
105 100
77 75.5 60.7 91.1
51 28.1 23.5 35.3



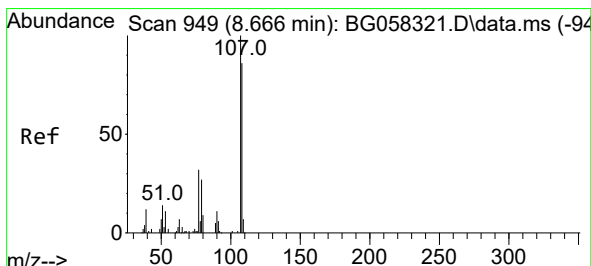
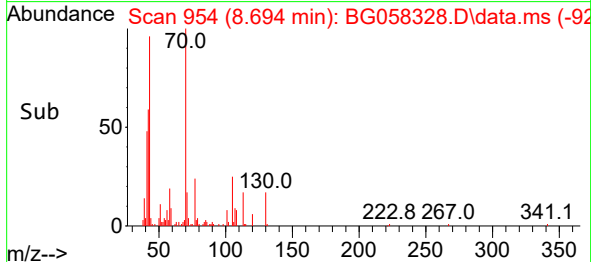
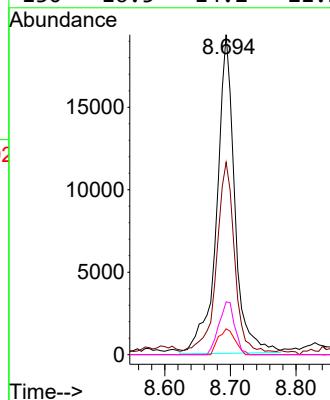
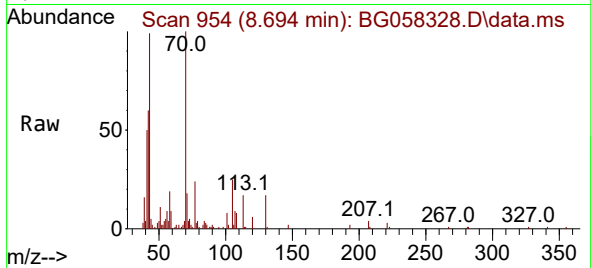


#17
N-Nitroso-di-n-propylamine
Concen: 13.706 ng/ul
RT: 8.694 min Scan# 91
Delta R.T. -0.010 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Instrument :
BNA_G
ClientSampleId :
A46X7MS

Tgt Ion: 70 Resp: 36754

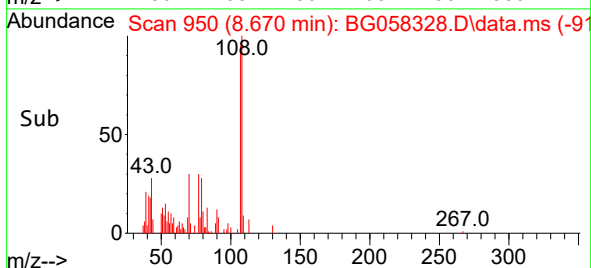
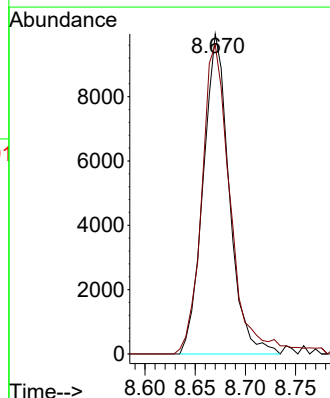
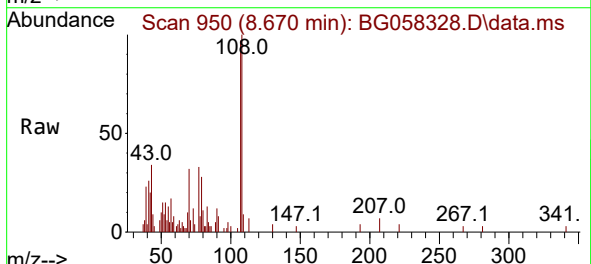
Ion	Ratio	Lower	Upper
70	100		
42	60.1	46.6	69.8
101	8.1	7.3	10.9
130	16.5	14.2	21.2

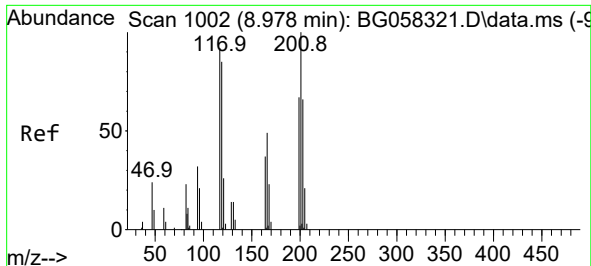


#18
4-Methylphenol
Concen: 5.414 ng/ul
RT: 8.670 min Scan# 950
Delta R.T. 0.002 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion: 108 Resp: 17962

Ion	Ratio	Lower	Upper
108	100		
107	96.6	90.6	136.0

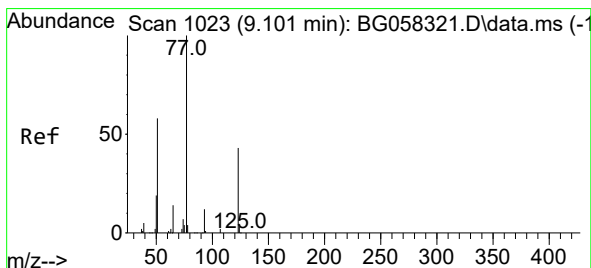
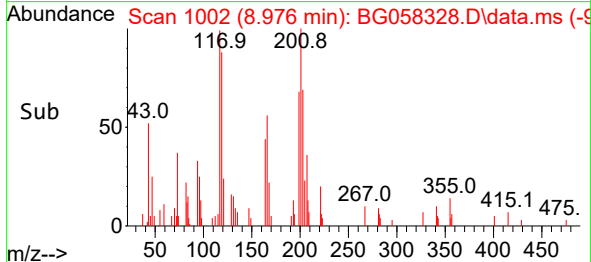
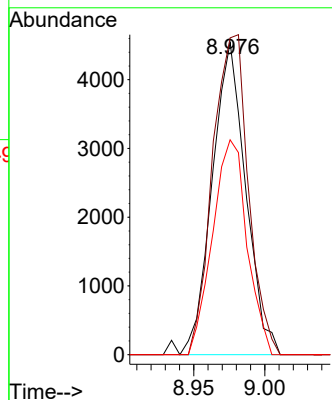
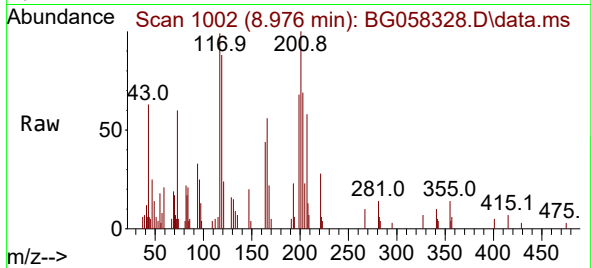




#19
Hexachloroethane
Concen: 6.823 ng/ul
RT: 8.976 min Scan# 1002
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

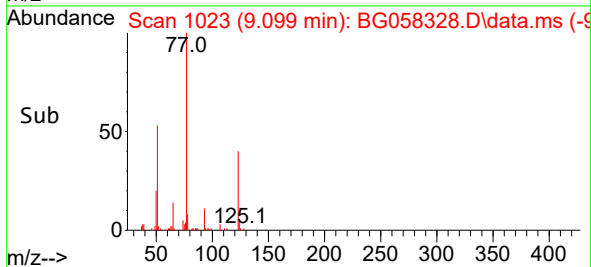
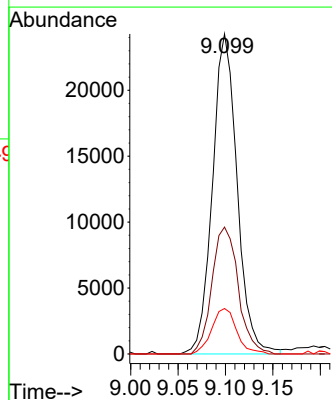
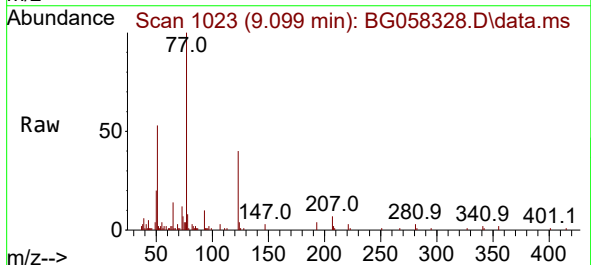
Instrument :
BNA_G
ClientSampleId :
A46X7MS

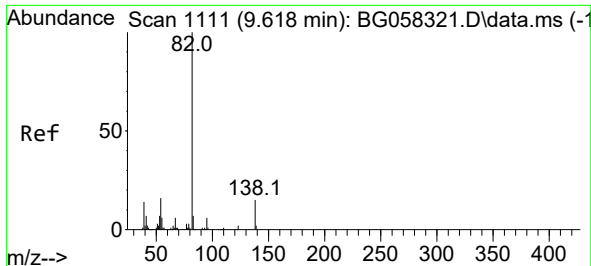
Tgt Ion:117 Resp: 7433
Ion Ratio Lower Upper
117 100
201 101.4 103.6 155.4#
199 68.8 60.1 90.1



#22
Nitrobenzene
Concen: 11.726 ng/ul
RT: 9.099 min Scan# 1023
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion: 77 Resp: 43951
Ion Ratio Lower Upper
77 100
123 39.6 34.0 51.0
65 14.2 11.0 16.6

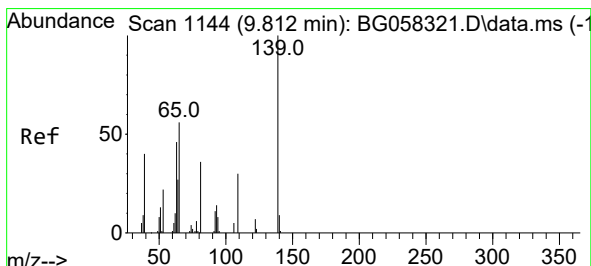
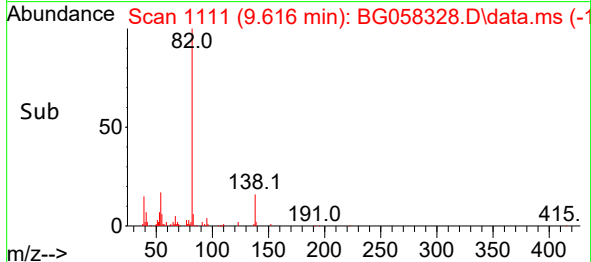
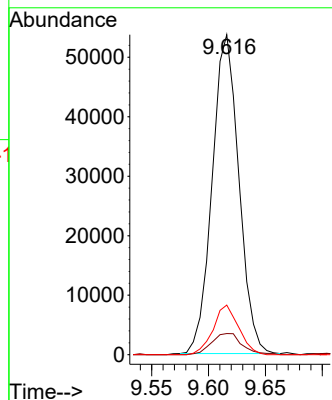
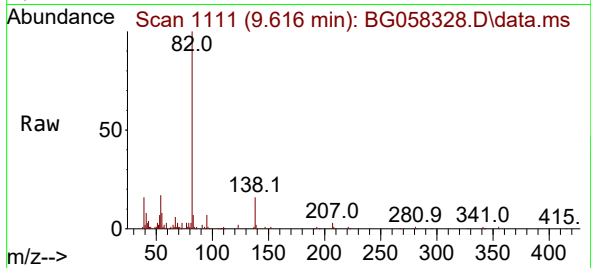




#23
Isophorone
Concen: 10.418 ng/ul
RT: 9.616 min Scan# 1111
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

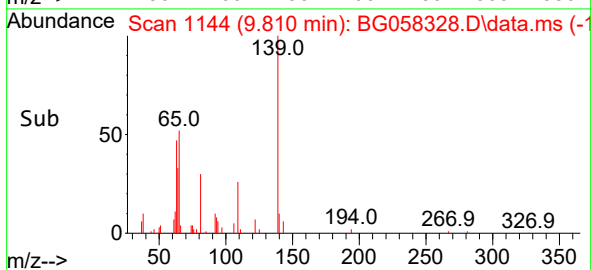
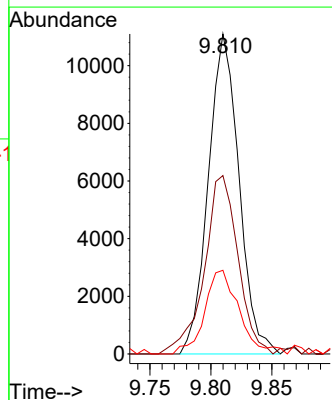
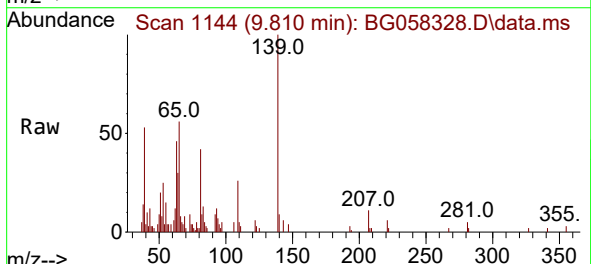
Instrument :
BNA_G
ClientSampleId :
A46X7MS

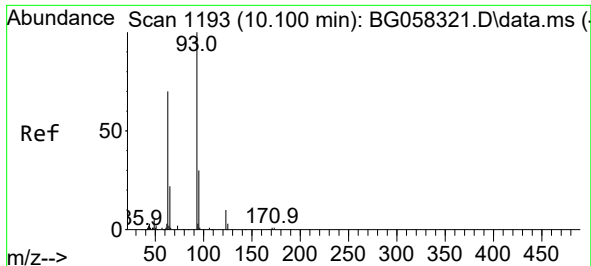
Tgt Ion: 82 Resp: 87542
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.5 11.9 17.9



#25
2-Nitrophenol
Concen: 11.865 ng/ul
RT: 9.810 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion: 139 Resp: 19446
Ion Ratio Lower Upper
139 100
65 55.7 49.2 73.8
109 26.2 21.6 32.4





#27

Bis(2-Chloroethoxy)methane

Concen: 11.305 ng/ul

RT: 10.098 min Scan# 1193

Delta R.T. -0.010 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

Instrument :

BNA_G

ClientSampleId :

A46X7MS

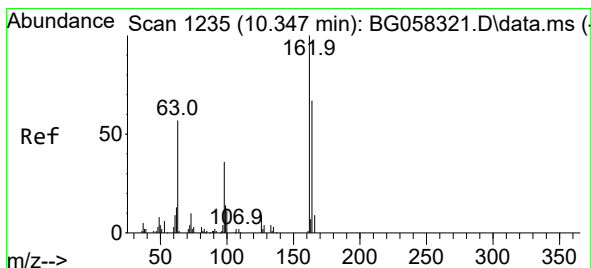
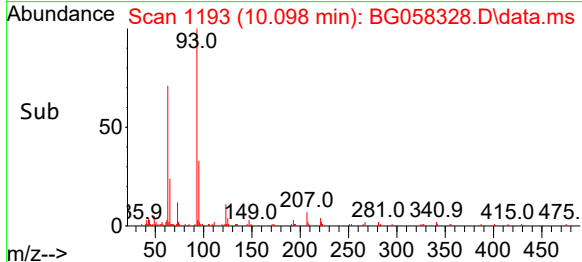
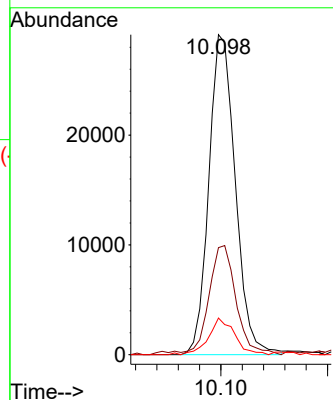
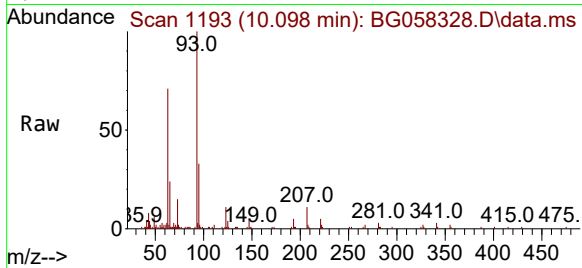
Tgt Ion: 93 Resp: 50312

Ion Ratio Lower Upper

93 100

95 33.5 25.8 38.8

123 11.4 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 11.343 ng/ul

RT: 10.350 min Scan# 1236

Delta R.T. 0.002 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

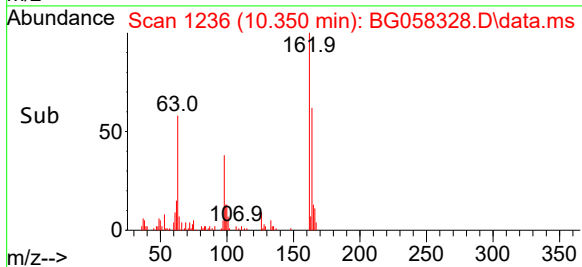
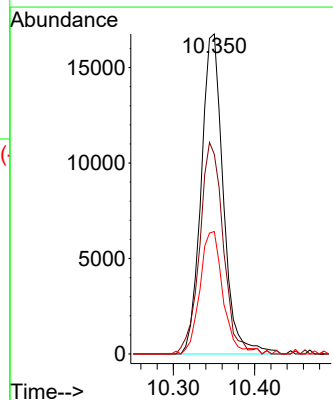
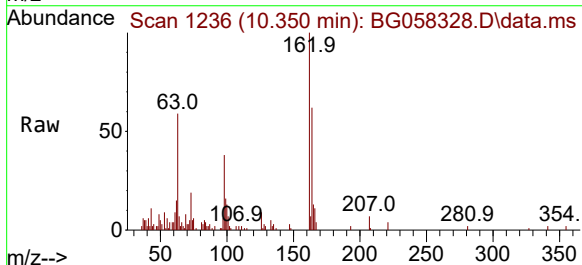
Tgt Ion:162 Resp: 31668

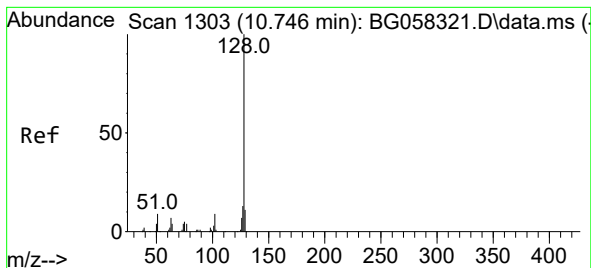
Ion Ratio Lower Upper

162 100

164 62.4 58.4 87.6

98 38.2 29.6 44.4





#30

Naphthalene

Concen: 12.246 ng/ul

RT: 10.750 min Scan# 1303

Delta R.T. -0.004 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

Instrument :

BNA_G

ClientSampleId :

A46X7MS

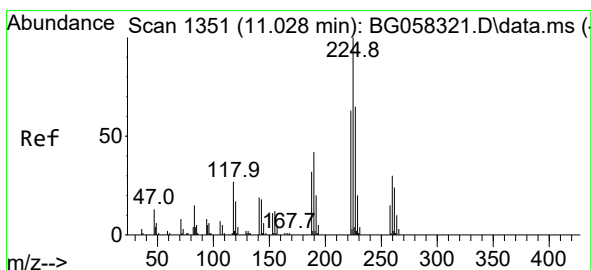
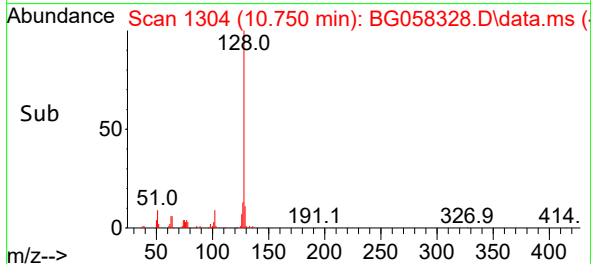
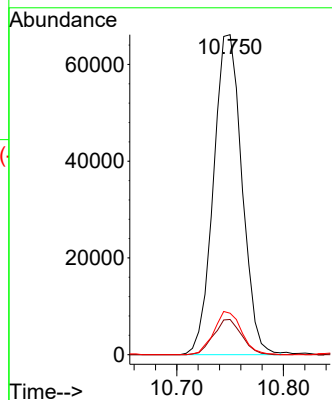
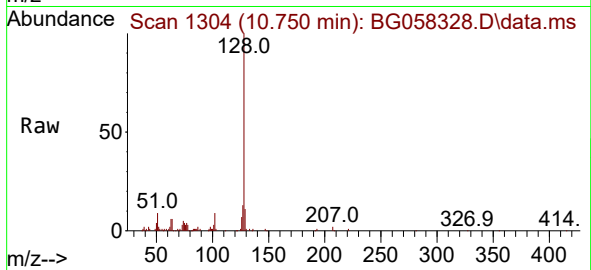
Tgt Ion:128 Resp: 122740

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.9 10.8 16.2



#33

Hexachlorobutadiene

Concen: 11.577 ng/ul

RT: 11.026 min Scan# 1351

Delta R.T. -0.004 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

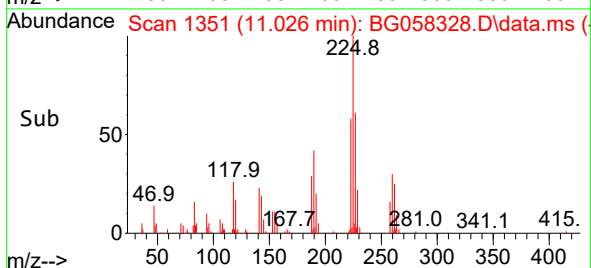
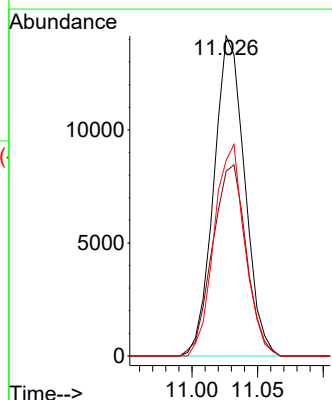
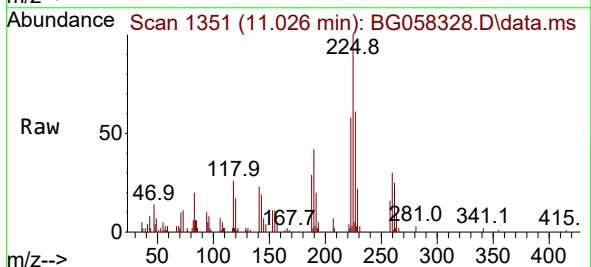
Tgt Ion:225 Resp: 23111

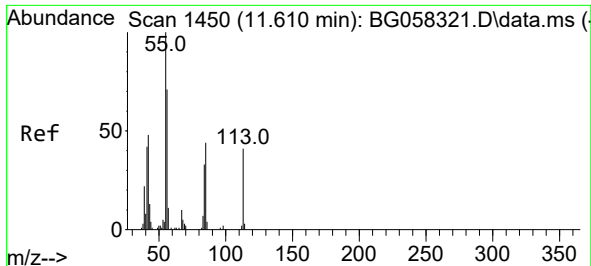
Ion Ratio Lower Upper

225 100

223 58.0 49.7 74.5

227 58.2 53.2 79.8

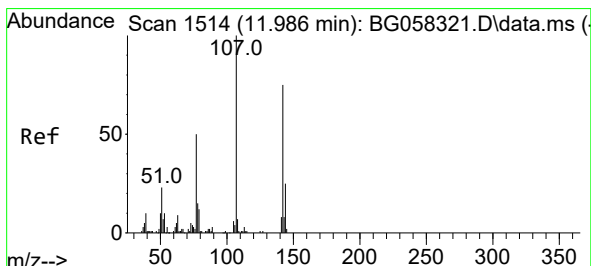
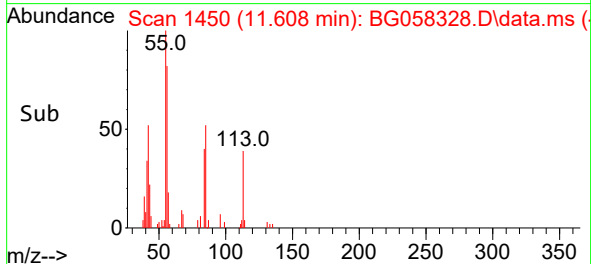
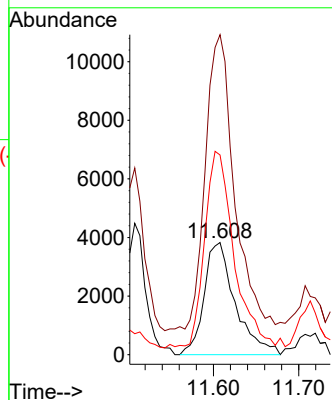
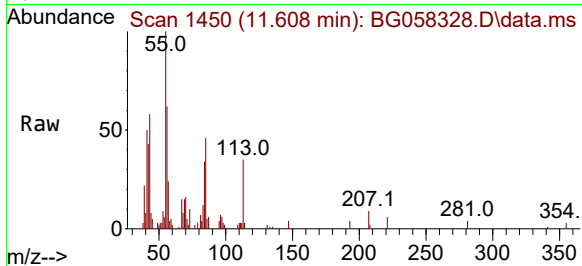




#34
Caprolactam
Concen: 8.378 ng/ul
RT: 11.608 min Scan# 1450
Delta R.T. -0.028 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

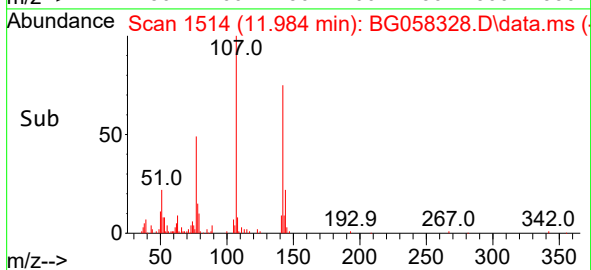
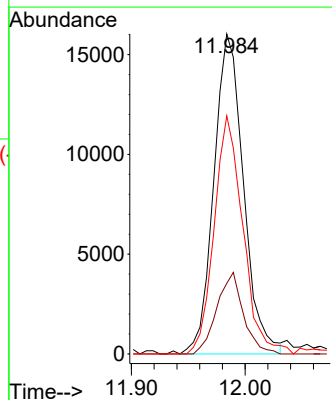
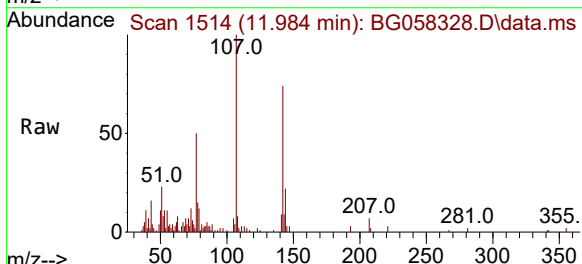
Instrument :
BNA_G
ClientSampleId :
A46X7MS

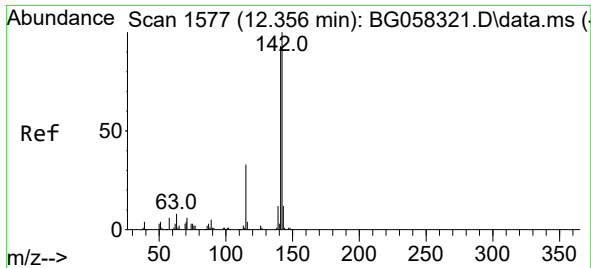
Tgt Ion:113 Resp: 9715
Ion Ratio Lower Upper
113 100
55 285.1 179.8 269.6#
56 177.9 132.2 198.4



#35
4-Chloro-3-methylphenol
Concen: 8.168 ng/ul
RT: 11.984 min Scan# 1514
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:107 Resp: 29020
Ion Ratio Lower Upper
107 100
144 22.1 19.0 28.6
142 74.4 55.8 83.6

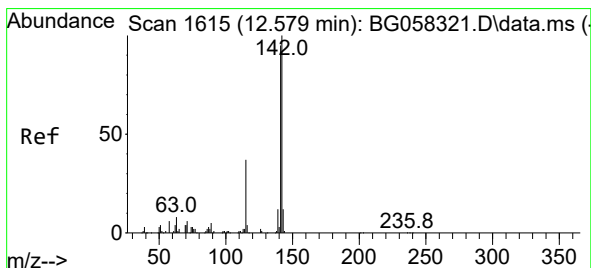
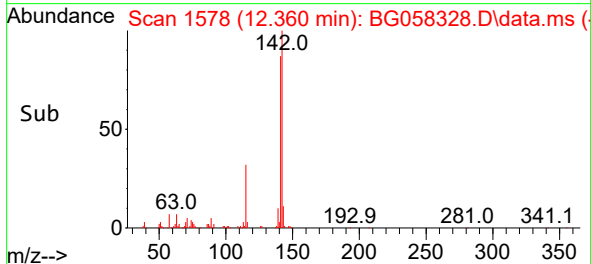
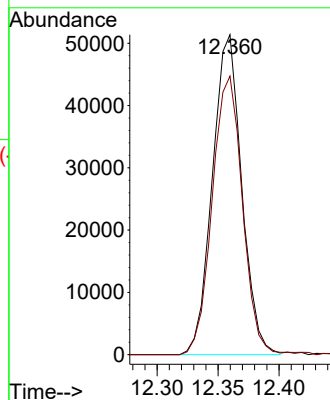
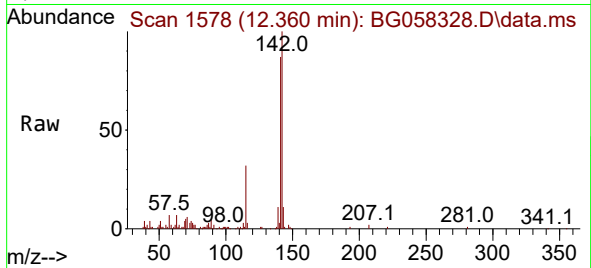




#36
2-Methylnaphthalene
Concen: 12.782 ng/ul
RT: 12.360 min Scan# 1577
Delta R.T. 0.002 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

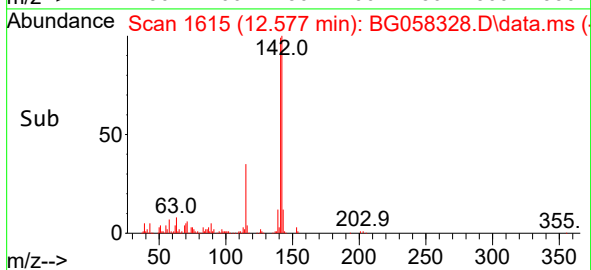
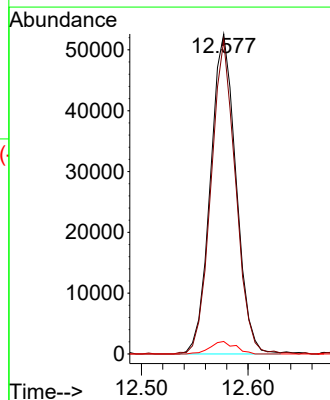
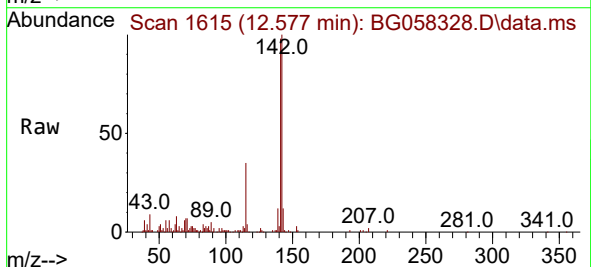
Instrument :
BNA_G
ClientSampleId :
A46X7MS

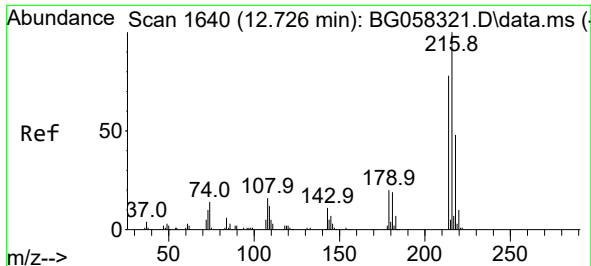
Tgt Ion:142 Resp: 85831
Ion Ratio Lower Upper
142 100
141 87.0 72.6 108.8



#37
1-Methylnaphthalene
Concen: 12.764 ng/ul
RT: 12.577 min Scan# 1615
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:142 Resp: 87841
Ion Ratio Lower Upper
142 100
141 98.1 75.8 113.6
116 3.9 3.2 4.8

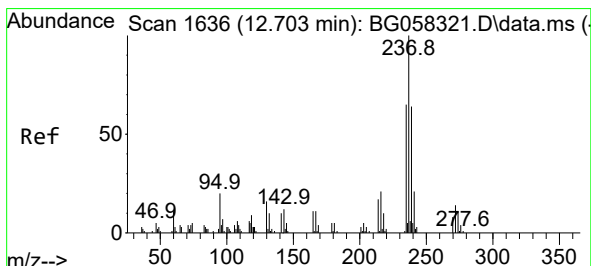
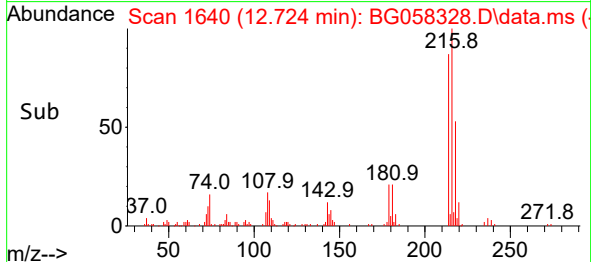
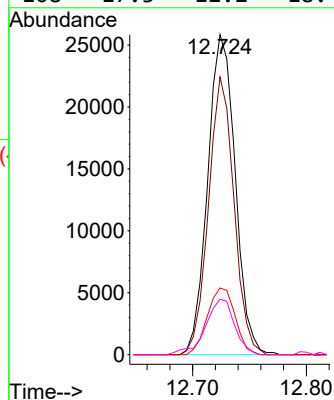
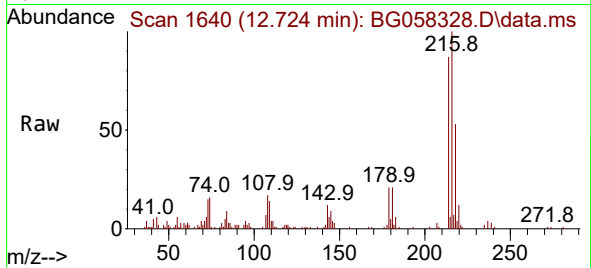




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.844 ng/ul
 RT: 12.724 min Scan# 1640
 Delta R.T. -0.004 min
 Lab File: BG058328.D
 Acq: 19 Jul 2023 14:26

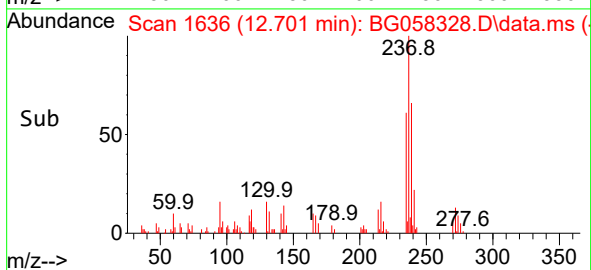
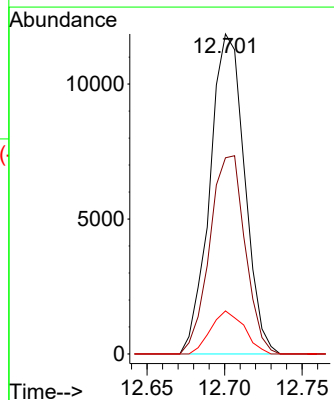
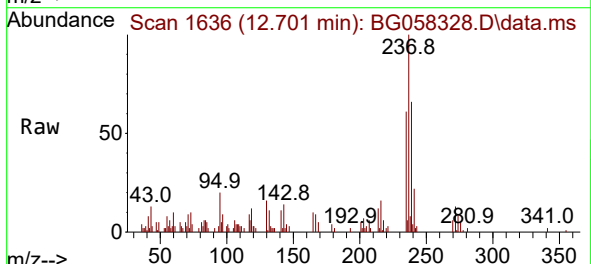
Instrument :
 BNA_G
 ClientSampleId :
 A46X7MS

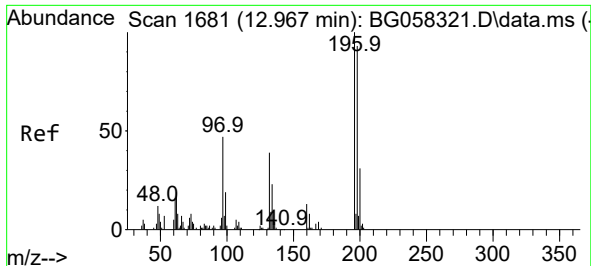
Tgt Ion:	216	Resp:	43473
Ion Ratio	Lower	Upper	
216	100		
214	86.7	62.2	93.4
179	20.8	16.2	24.2
108	17.3	12.2	18.4



#40
 Hexachlorocyclopentadiene
 Concen: 8.556 ng/ul
 RT: 12.701 min Scan# 1636
 Delta R.T. -0.004 min
 Lab File: BG058328.D
 Acq: 19 Jul 2023 14:26

Tgt Ion:	237	Resp:	18447
Ion Ratio	Lower	Upper	
237	100		
235	67.1	50.9	76.3
272	13.4	10.8	16.2

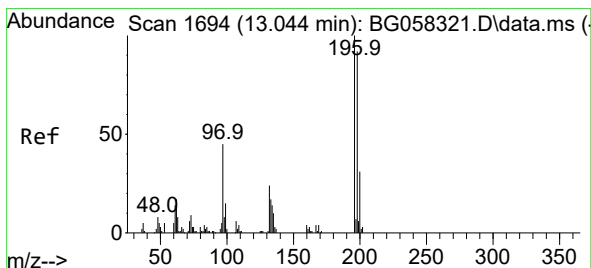
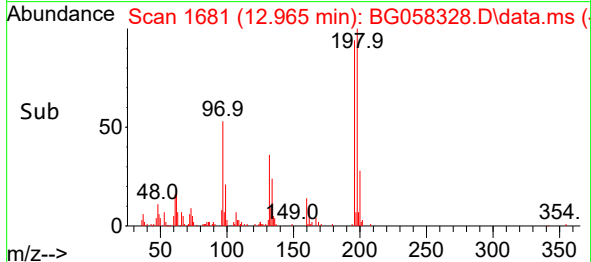
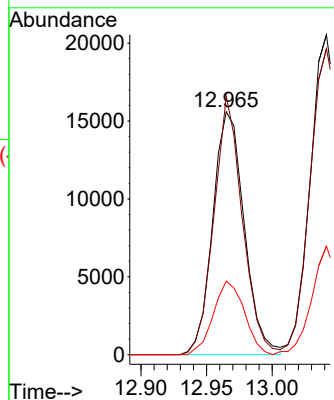
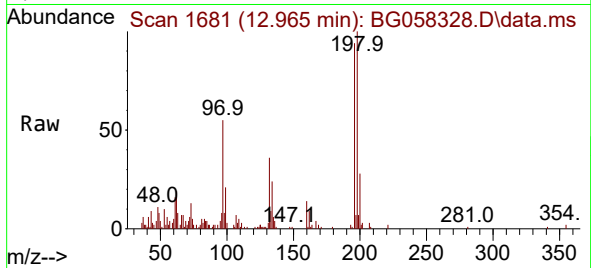




#41
2,4,6-Trichlorophenol
Concen: 9.594 ng/ul
RT: 12.965 min Scan# 1681
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

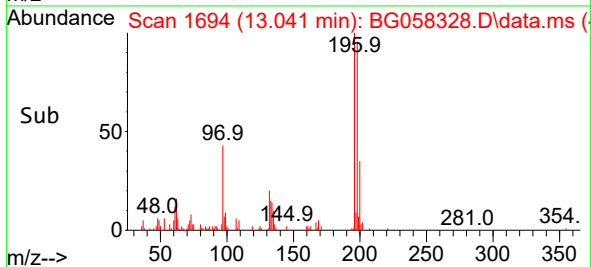
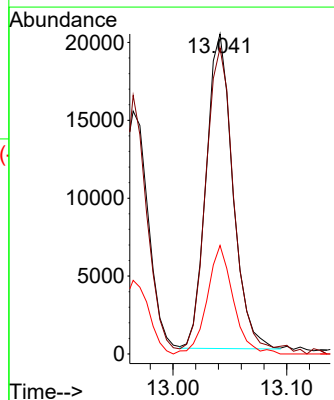
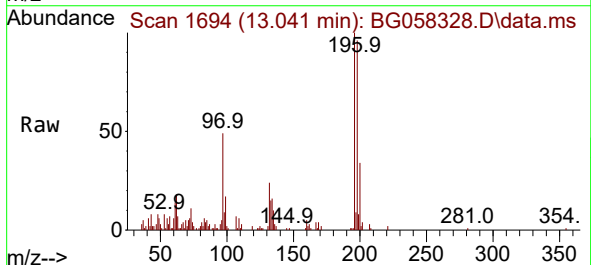
Instrument :
BNA_G
ClientSampleId :
A46X7MS

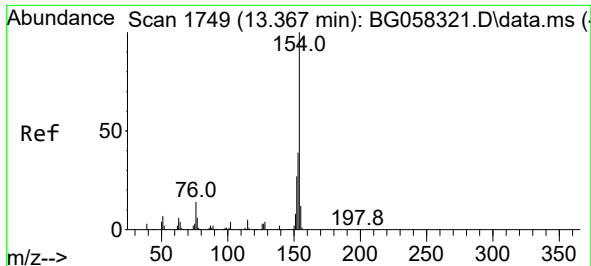
Tgt Ion:196 Resp: 26037
Ion Ratio Lower Upper
196 100
198 106.5 77.7 116.5
200 30.3 25.0 37.6



#42
2,4,5-Trichlorophenol
Concen: 11.358 ng/ul
RT: 13.041 min Scan# 1694
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:196 Resp: 32868
Ion Ratio Lower Upper
196 100
198 95.6 74.8 112.2
200 33.9 24.4 36.6

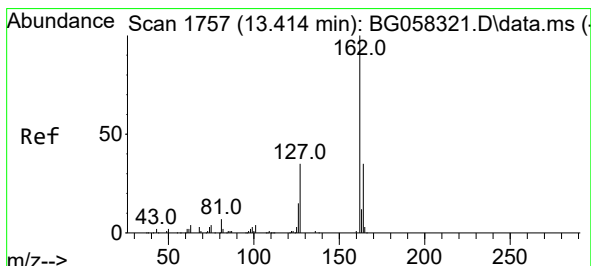
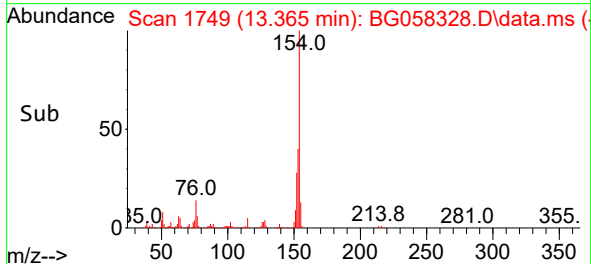
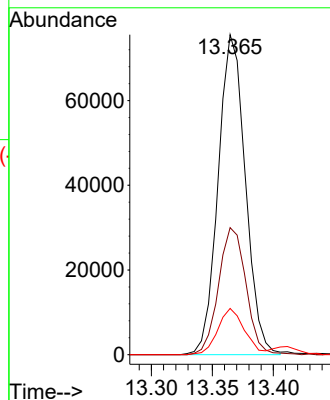
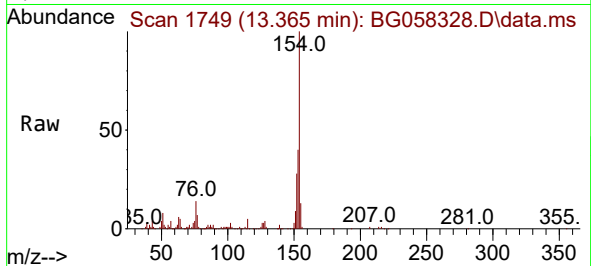




#43
1,1'-Biphenyl
Concen: 12.540 ng/ul
RT: 13.365 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

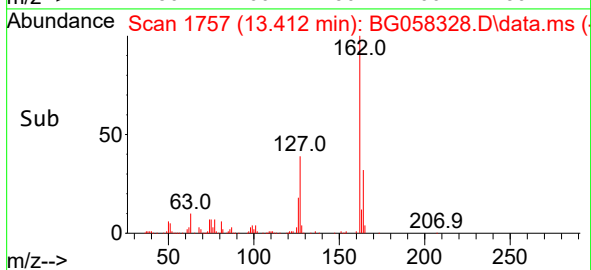
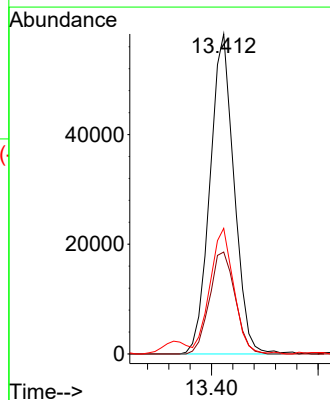
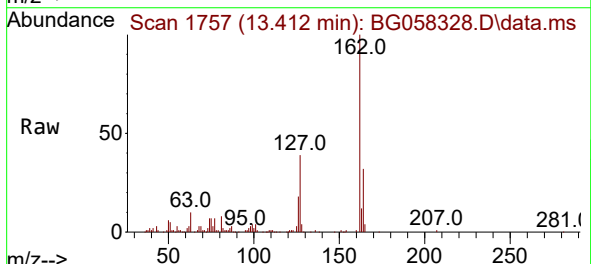
Instrument :
BNA_G
ClientSampleId :
A46X7MS

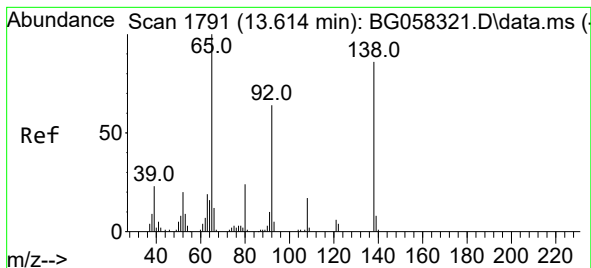
Tgt Ion:154 Resp: 117424
Ion Ratio Lower Upper
154 100
153 39.7 31.8 47.6
76 14.5 11.7 17.5



#44
2-Chloronaphthalene
Concen: 12.301 ng/ul
RT: 13.412 min Scan# 1757
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:162 Resp: 91587
Ion Ratio Lower Upper
162 100
164 31.8 26.2 39.2
127 39.2 29.8 44.6





#45

2-Nitroaniline

Concen: 11.887 ng/ul

RT: 13.617 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

Instrument :

BNA_G

ClientSampleId :

A46X7MS

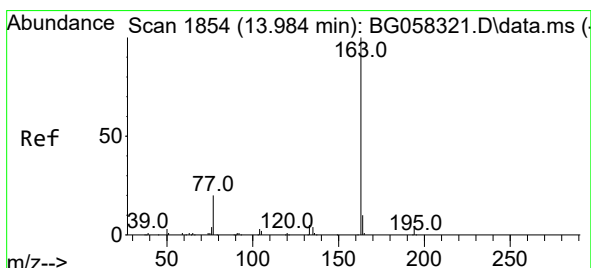
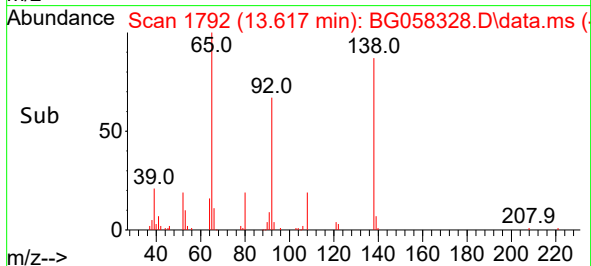
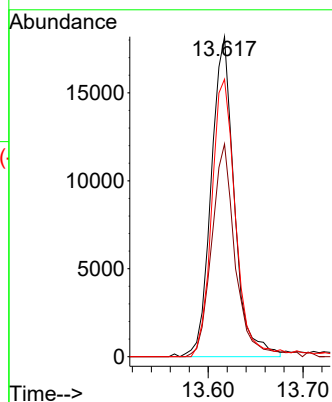
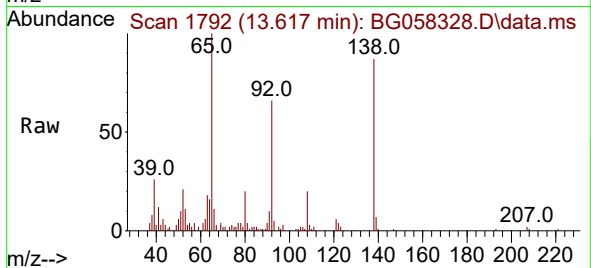
Tgt Ion: 65 Resp: 30742

Ion Ratio Lower Upper

65 100

92 66.4 51.4 77.2

138 86.7 71.6 107.4



#47

Dimethylphthalate

Concen: 11.753 ng/ul

RT: 13.981 min Scan# 1854

Delta R.T. -0.004 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

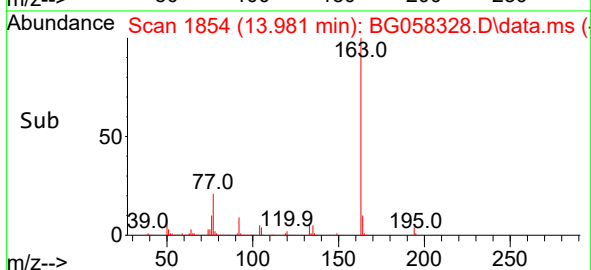
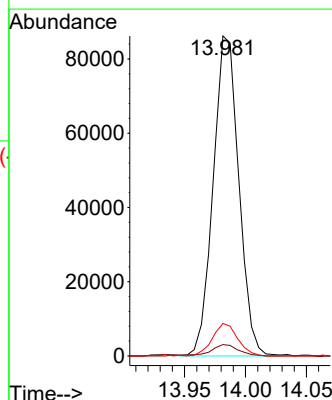
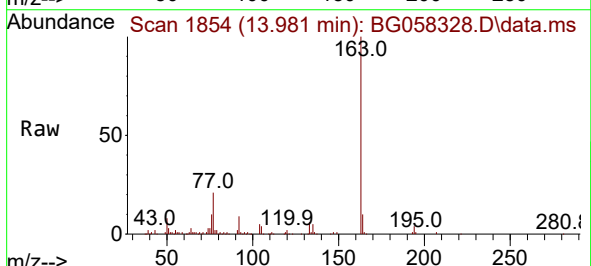
Tgt Ion:163 Resp: 126069

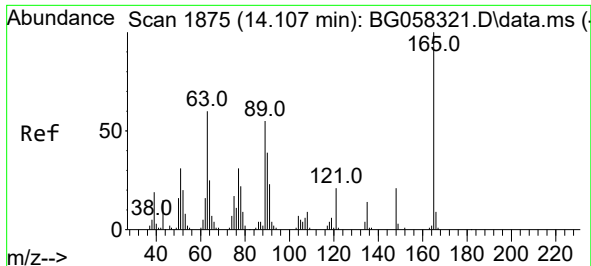
Ion Ratio Lower Upper

163 100

194 3.5 2.6 3.8

164 10.2 8.2 12.2

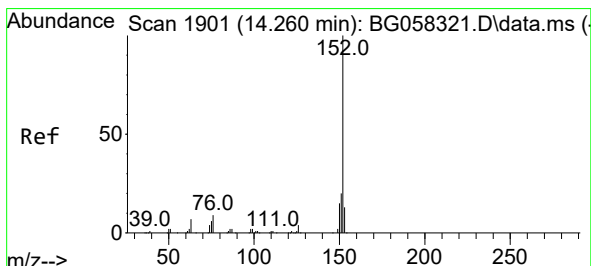
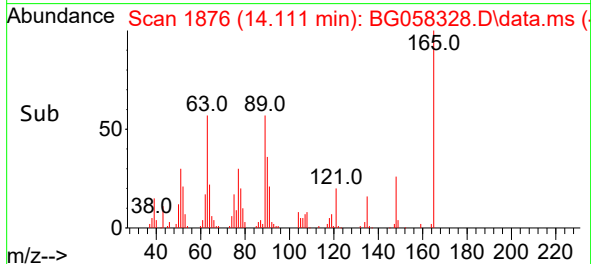
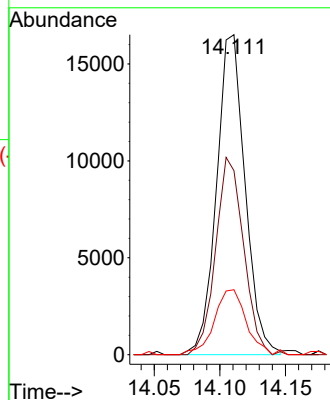
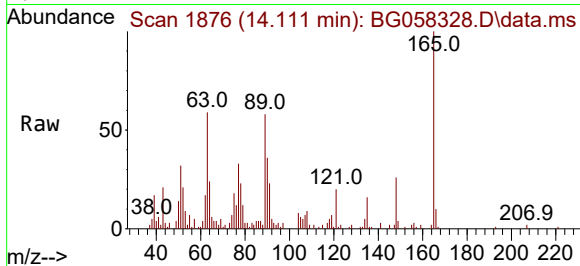




#48
2,6-Dinitrotoluene
Concen: 12.049 ng/ul
RT: 14.111 min Scan# 1875
Delta R.T. 0.002 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

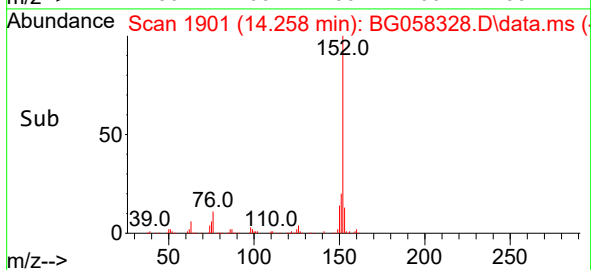
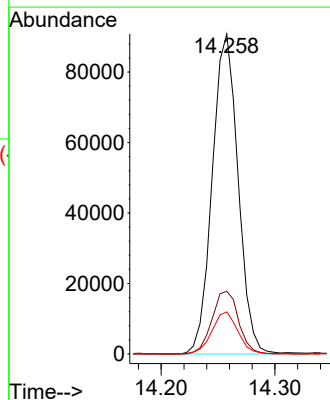
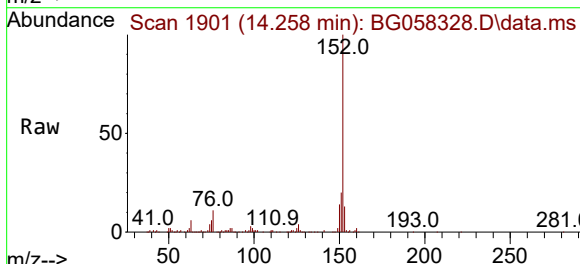
Instrument :
BNA_G
ClientSampleId :
A46X7MS

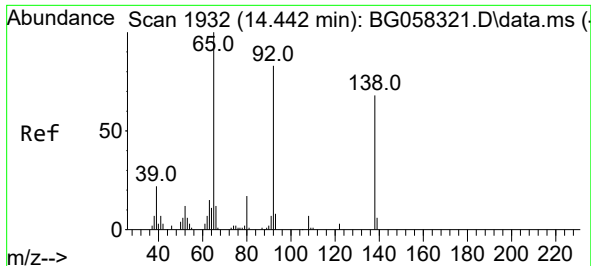
Tgt Ion:165 Resp: 24975
Ion Ratio Lower Upper
165 100
89 57.5 48.9 73.3
121 20.3 16.2 24.4



#50
Acenaphthylene
Concen: 11.856 ng/ul
RT: 14.258 min Scan# 1901
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:152 Resp: 143218
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 13.1 10.6 16.0

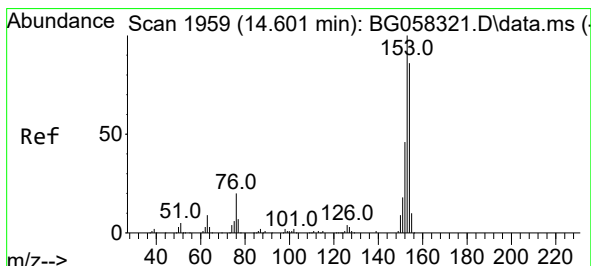
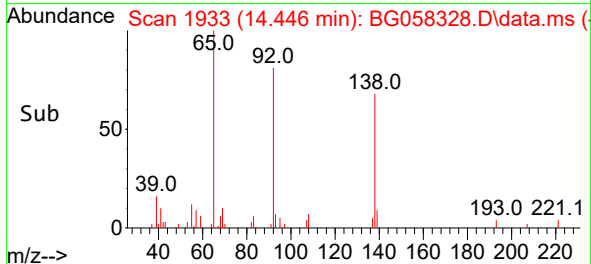
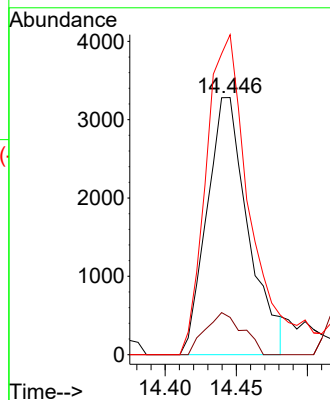
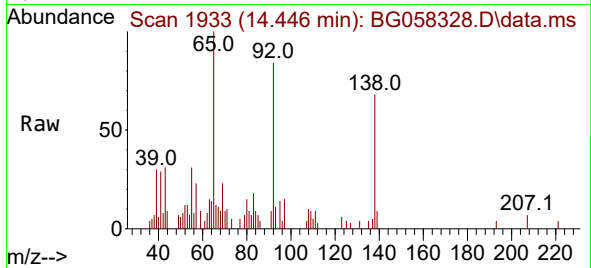




#51
3-Nitroaniline
Concen: 3.836 ng/ul
RT: 14.446 min Scan# 1932
Delta R.T. 0.002 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

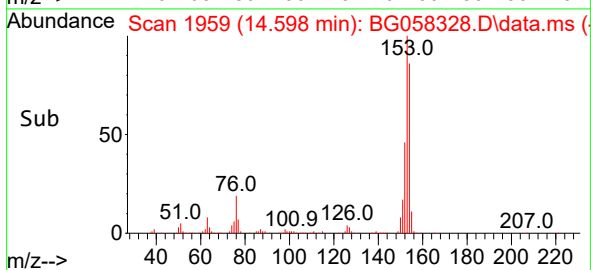
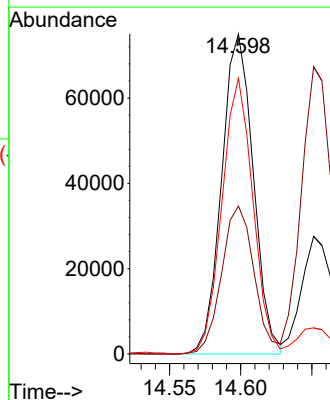
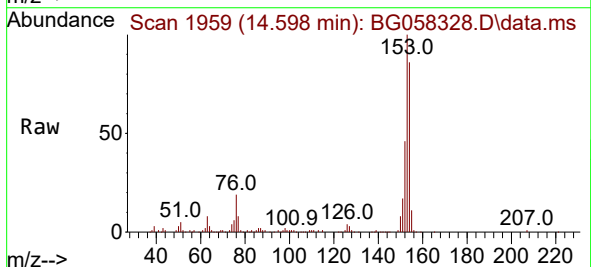
Instrument :
BNA_G
ClientSampleId :
A46X7MS

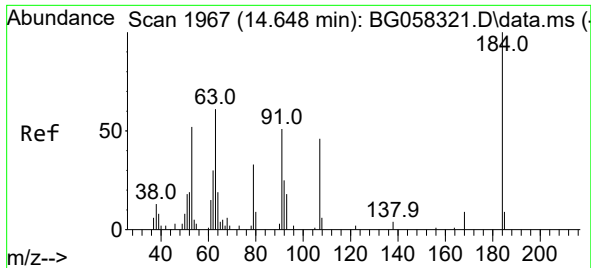
Tgt Ion:138 Resp: 6627
Ion Ratio Lower Upper
138 100
108 14.5 8.6 13.0#
92 124.5 108.4 162.6



#52
Acenaphthene
Concen: 13.845 ng/ul
RT: 14.598 min Scan# 1959
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:153 Resp: 116116
Ion Ratio Lower Upper
153 100
152 46.3 39.1 58.7
154 86.1 68.7 103.1

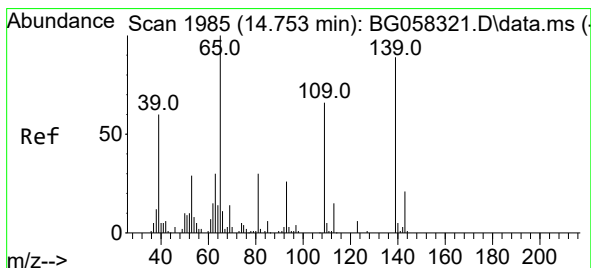
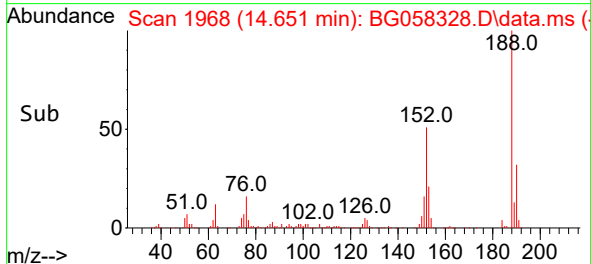
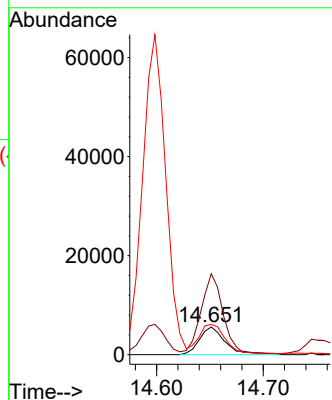
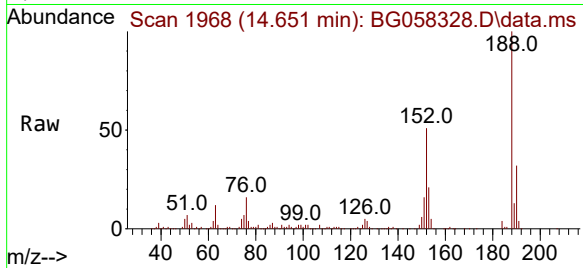




#53
2,4-Dinitrophenol
Concen: 8.621 ng/ul
RT: 14.651 min Scan# 1968
Delta R.T. 0.002 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

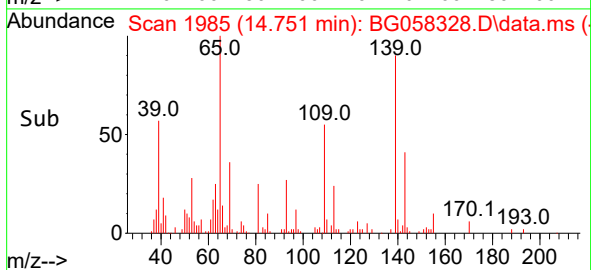
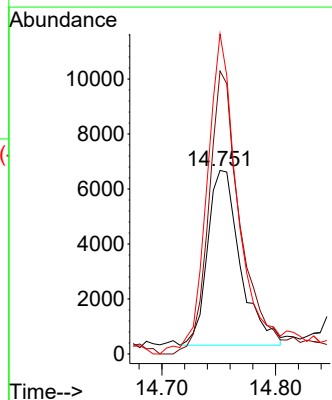
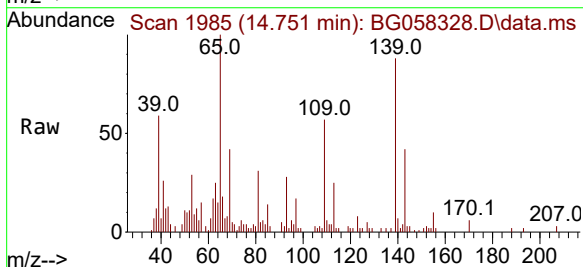
Instrument :
BNA_G
ClientSampleId :
A46X7MS

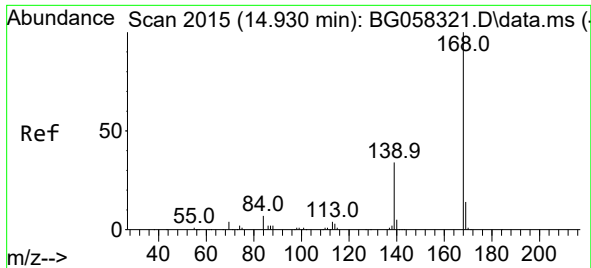
Tgt Ion:184 Resp: 9510
Ion Ratio Lower Upper
184 100
63 292.8 52.9 79.3#
154 109.4 47.8 71.8#



#55
4-Nitrophenol
Concen: 10.264 ng/ul
RT: 14.751 min Scan# 1985
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:109 Resp: 12748
Ion Ratio Lower Upper
109 100
139 154.2 100.3 150.5#
65 174.4 120.6 180.8

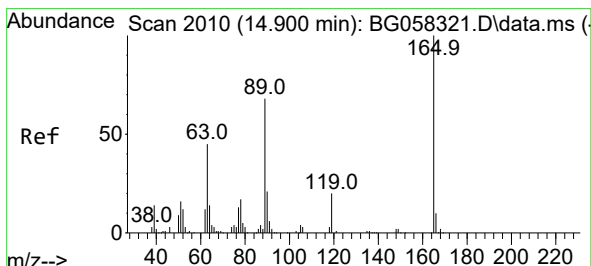
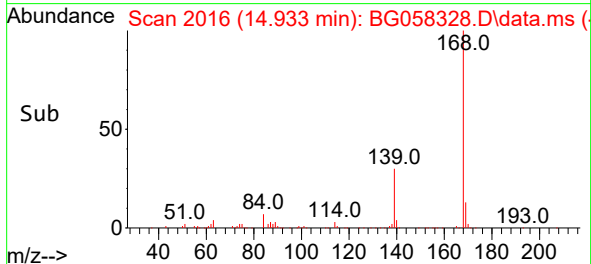
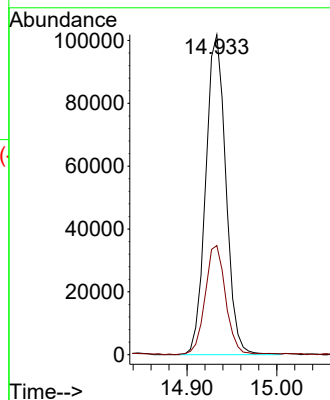
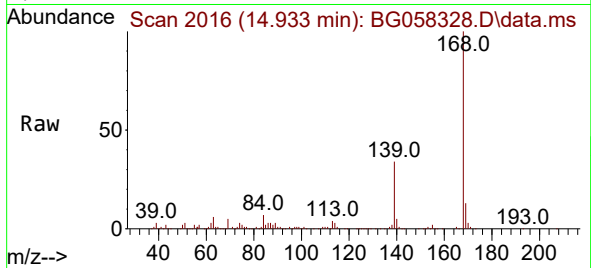




#56
Dibenzenofuran
Concen: 13.266 ng/ul
RT: 14.933 min Scan# 2015
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

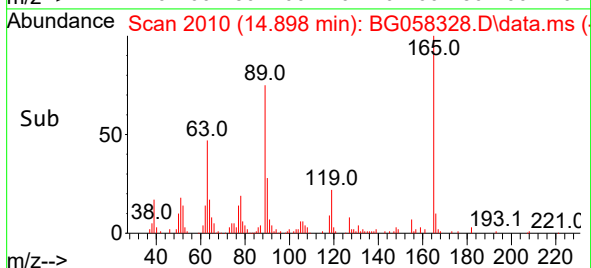
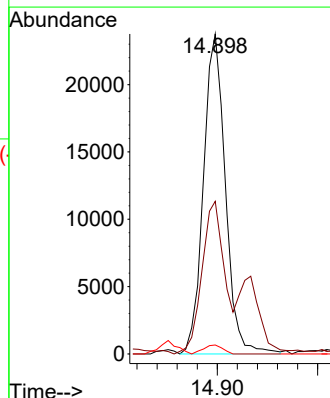
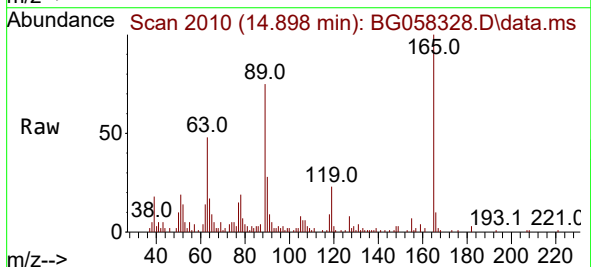
Instrument :
BNA_G
ClientSampleId :
A46X7MS

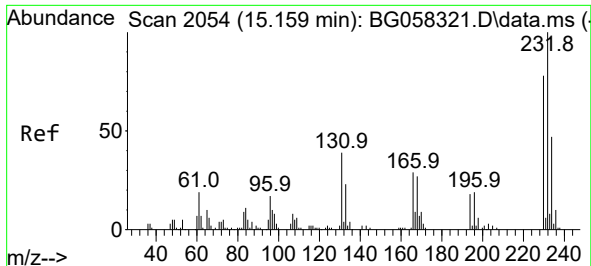
Tgt Ion:168 Resp: 158430
Ion Ratio Lower Upper
168 100
139 34.1 27.8 41.8



#57
2,4-Dinitrotoluene
Concen: 12.114 ng/ul
RT: 14.898 min Scan# 2010
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:165 Resp: 36217
Ion Ratio Lower Upper
165 100
63 47.7 33.8 50.6
182 2.8 1.2 1.8#

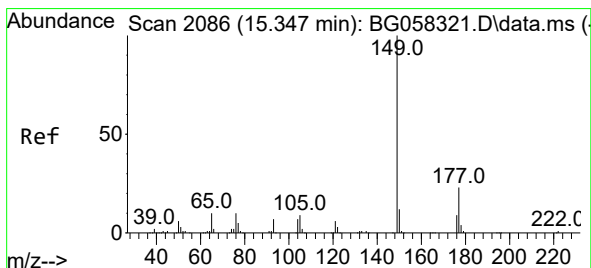
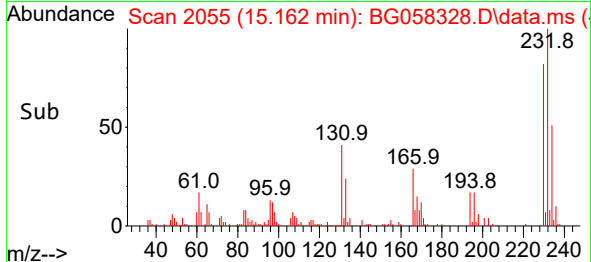
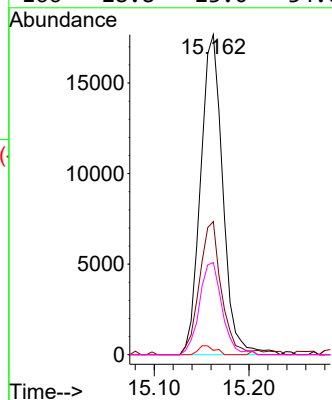
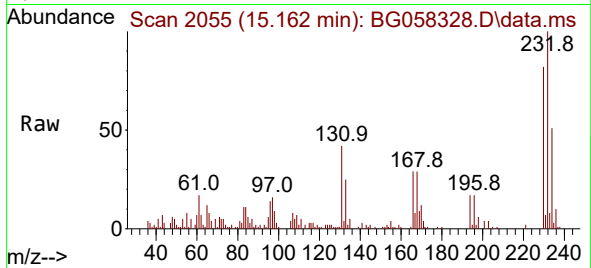




#58
2,3,4,6-Tetrachlorophenol
Concen: 10.734 ng/ul
RT: 15.162 min Scan# 2055
Delta R.T. 0.002 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

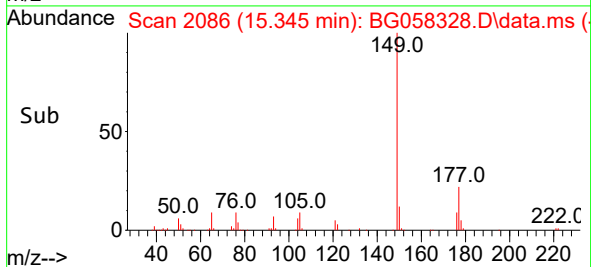
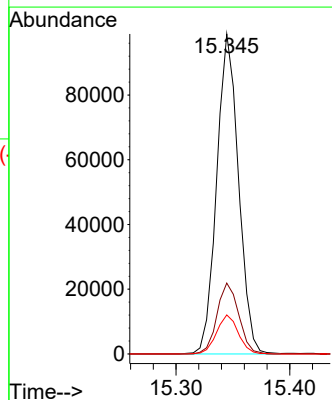
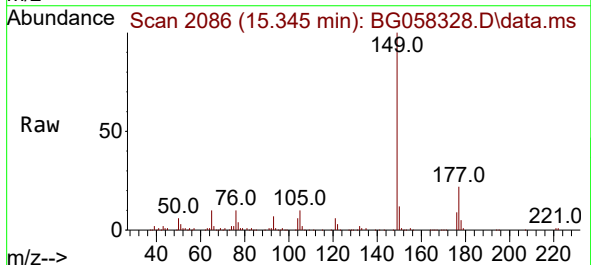
Instrument :
BNA_G
ClientSampleId :
A46X7MS

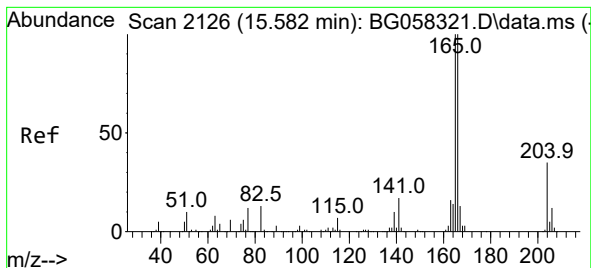
Tgt Ion:232 Resp: 28698
Ion Ratio Lower Upper
232 100
131 41.6 29.0 43.6
130 1.3 1.1 1.7
166 28.8 23.0 34.6



#59
Diethylphthalate
Concen: 11.944 ng/ul
RT: 15.345 min Scan# 2086
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:149 Resp: 131979
Ion Ratio Lower Upper
149 100
177 22.2 18.4 27.6
150 12.2 10.0 15.0





#61

Fluorene

Concen: 14.046 ng/ul

RT: 15.580 min Scan# 2126

Delta R.T. -0.004 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

Instrument :

BNA_G

ClientSampleId :

A46X7MS

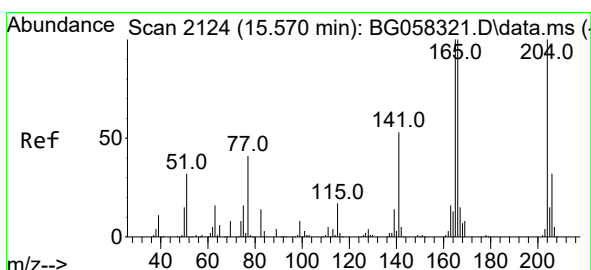
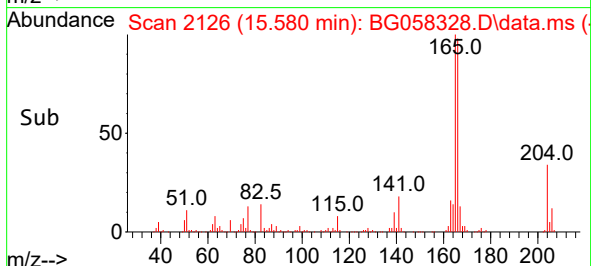
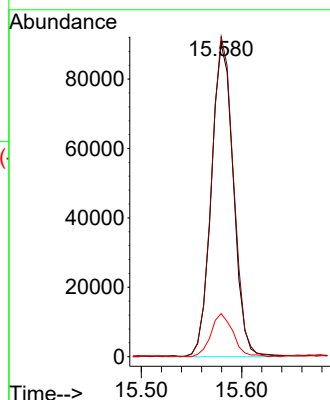
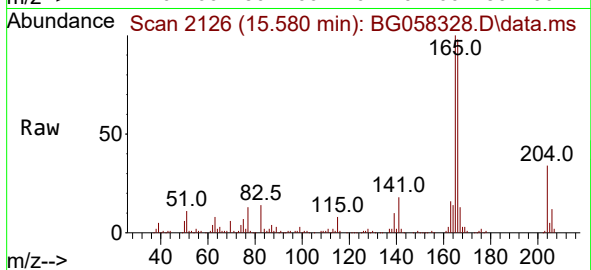
Tgt Ion:166 Resp: 137557

Ion Ratio Lower Upper

166 100

165 102.3 80.2 120.2

167 13.7 10.5 15.7



#62

4-Chlorophenyl-phenylether

Concen: 12.534 ng/ul

RT: 15.574 min Scan# 2125

Delta R.T. 0.002 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

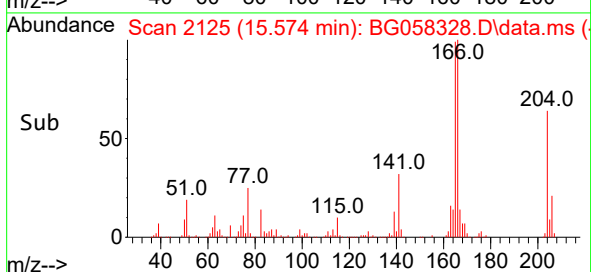
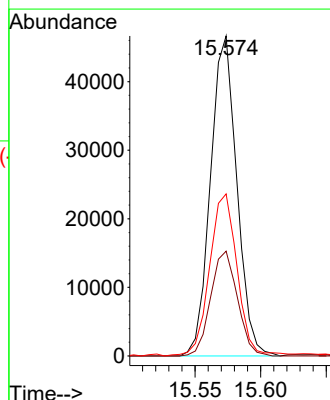
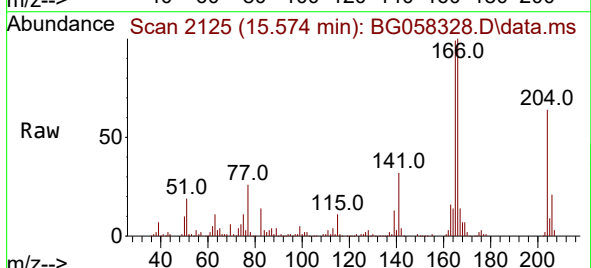
Tgt Ion:204 Resp: 65168

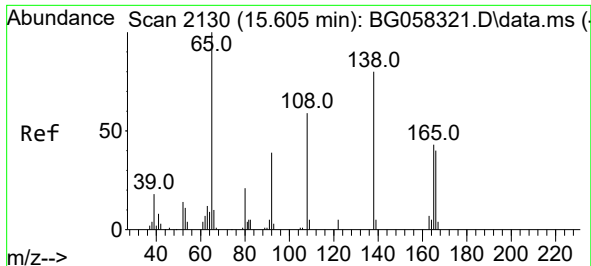
Ion Ratio Lower Upper

204 100

206 32.7 26.0 39.0

141 50.6 42.2 63.2

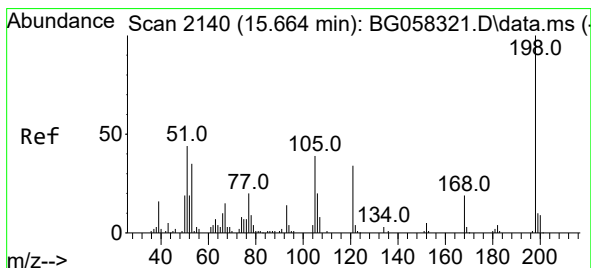
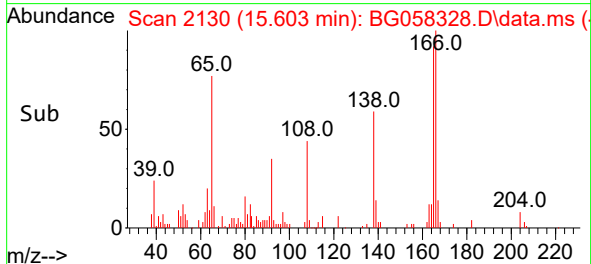
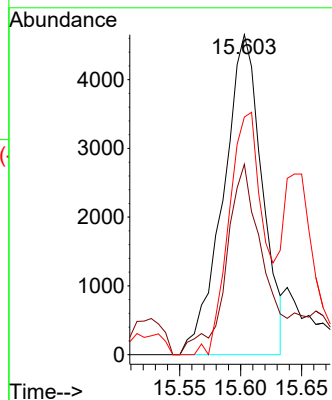
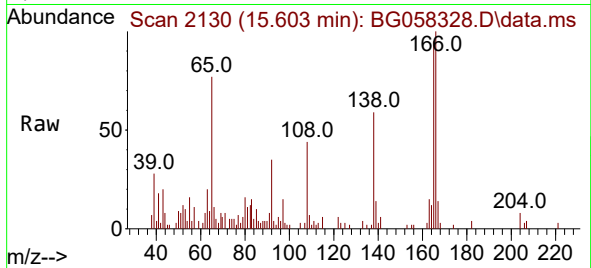




#63
4-Nitroaniline
Concen: 6.612 ng/ul
RT: 15.603 min Scan# 2130
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

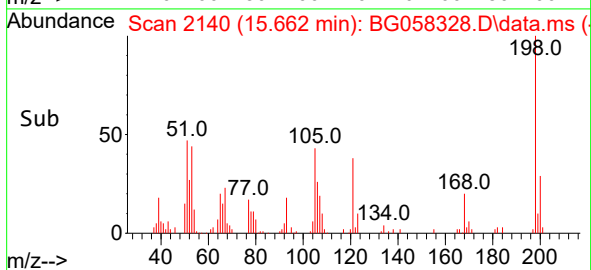
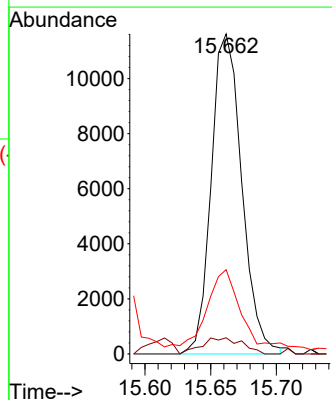
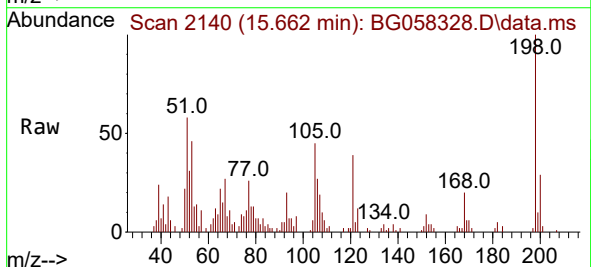
Instrument :
BNA_G
ClientSampleId :
A46X7MS

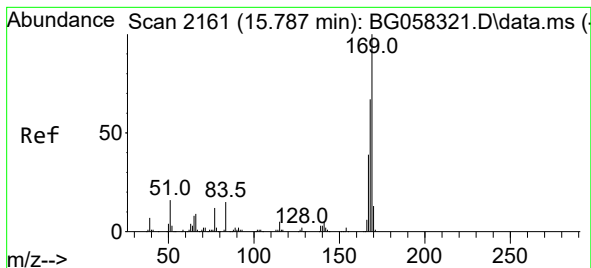
Tgt Ion:138 Resp: 10335
Ion Ratio Lower Upper
138 100
92 59.5 45.0 67.4
108 74.3 60.8 91.2



#66
4,6-Dinitro-2-methylphenol
Concen: 10.860 ng/ul
RT: 15.662 min Scan# 2140
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:198 Resp: 18796
Ion Ratio Lower Upper
198 100
182 5.0 3.4 5.2
77 26.3 18.4 27.6





#67

N-Nitrosodiphenylamine

Concen: 6.819 ng/ul

RT: 15.785 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

Instrument :

BNA_G

ClientSampleId :

A46X7MS

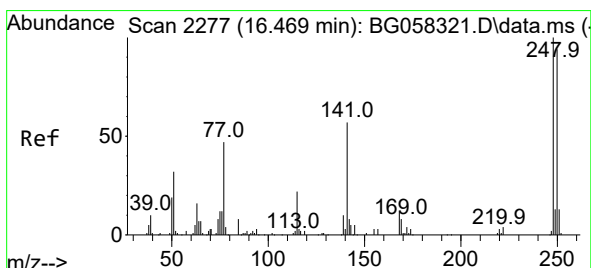
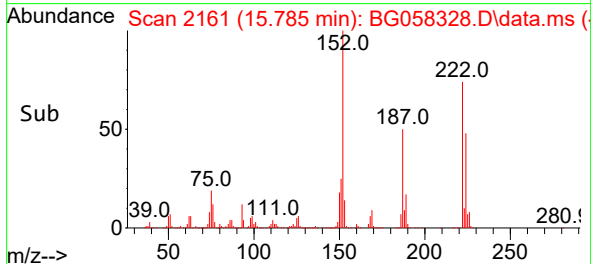
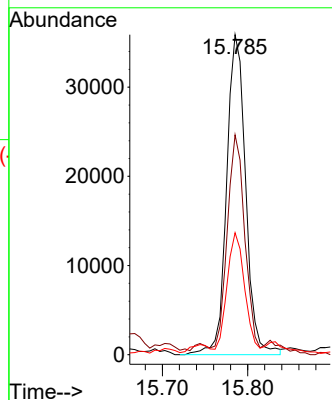
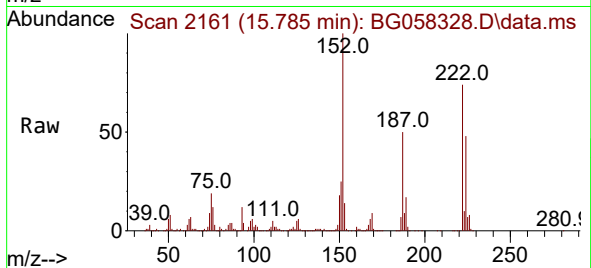
Tgt Ion:169 Resp: 55809

Ion Ratio Lower Upper

169 100

168 68.7 55.7 83.5

167 38.1 31.2 46.8



#68

4-Bromophenyl-phenylether

Concen: 12.547 ng/ul

RT: 16.467 min Scan# 2277

Delta R.T. 0.002 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

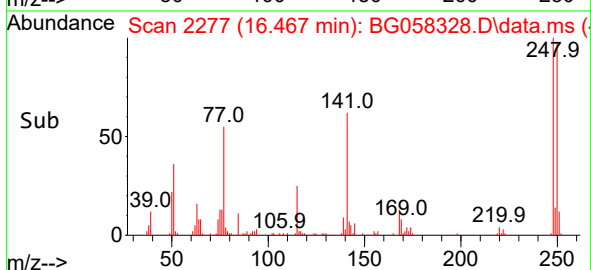
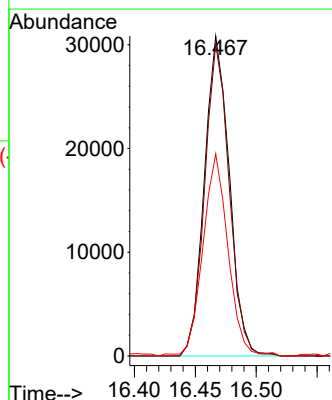
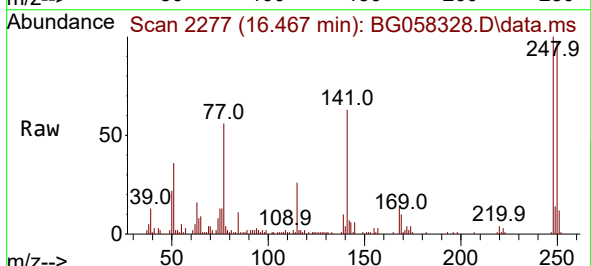
Tgt Ion:248 Resp: 43881

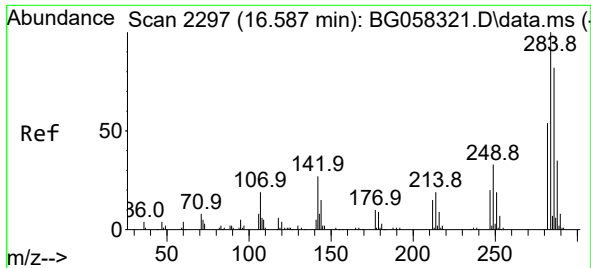
Ion Ratio Lower Upper

248 100

250 97.4 73.8 110.6

141 63.1 48.2 72.2

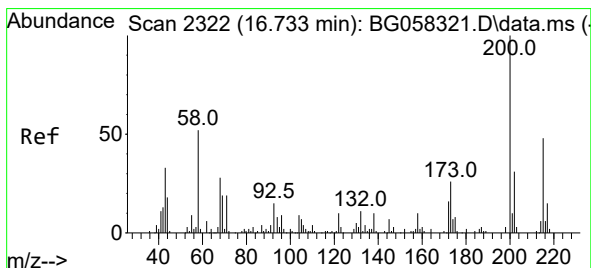
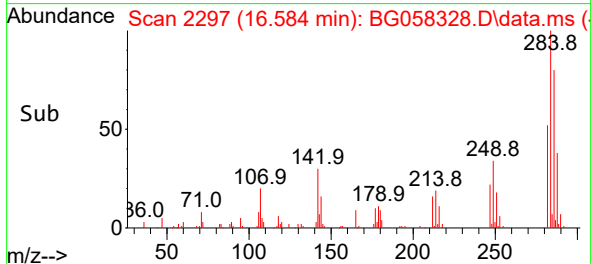
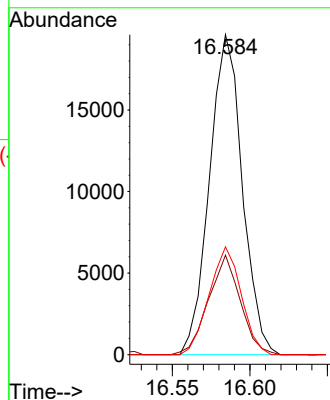
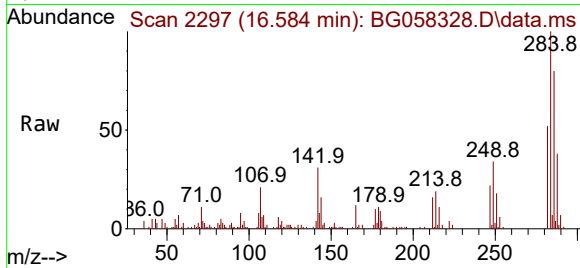




#69
Hexachlorobenzene
Concen: 7.318 ng/ul
RT: 16.584 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

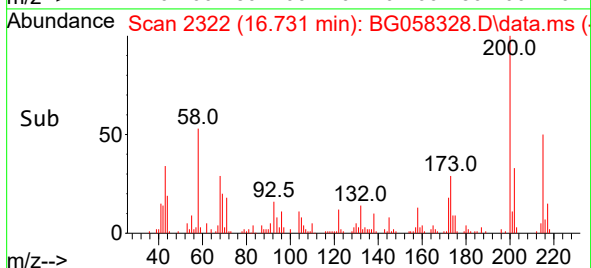
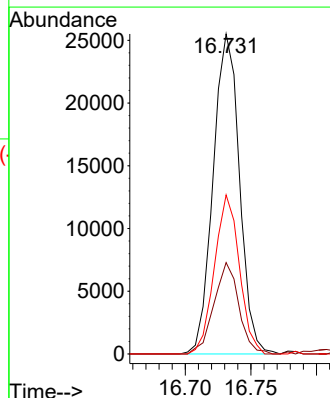
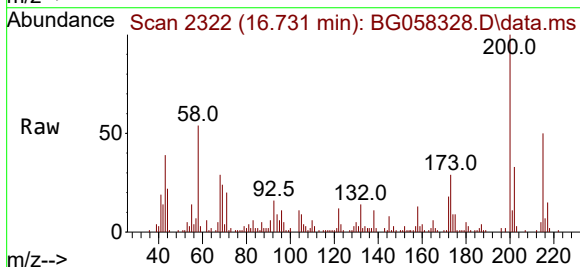
Instrument :
BNA_G
ClientSampleId :
A46X7MS

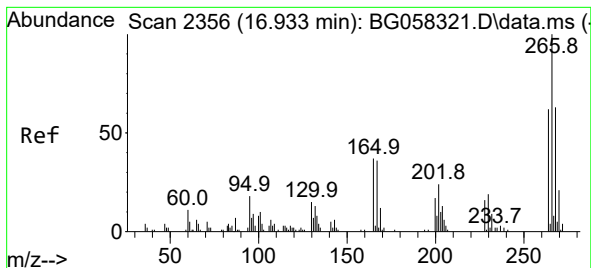
Tgt Ion:284 Resp: 28879
Ion Ratio Lower Upper
284 100
142 29.1 20.5 30.7
249 31.5 25.2 37.8



#70
Atrazine
Concen: 11.083 ng/ul
RT: 16.731 min Scan# 2322
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:200 Resp: 35565
Ion Ratio Lower Upper
200 100
173 28.6 19.8 29.8
215 49.7 36.2 54.4





#71

Pentachlorophenol

Concen: 8.403 ng/ul

RT: 16.931 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

Instrument :

BNA_G

ClientSampleId :

A46X7MS

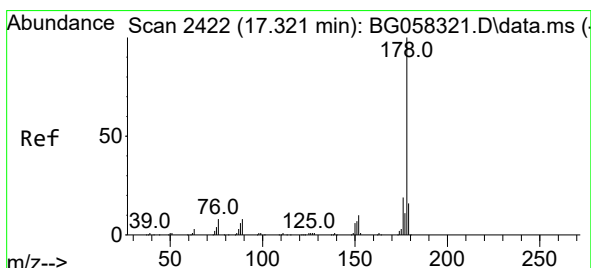
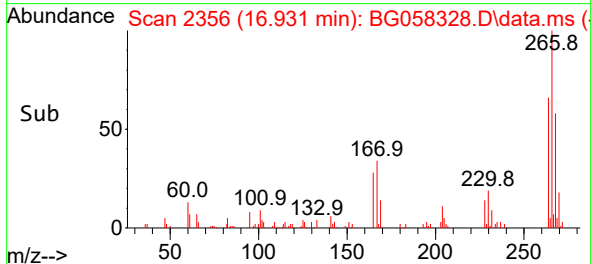
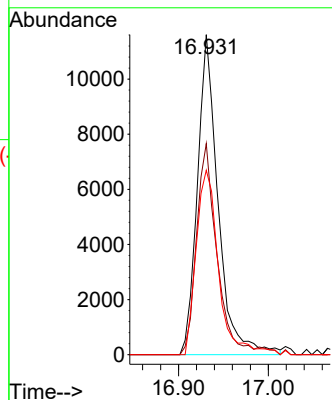
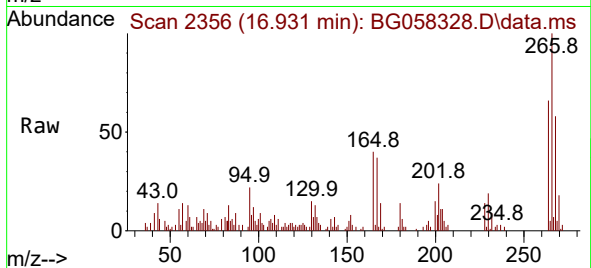
Tgt Ion:266 Resp: 18615

Ion Ratio Lower Upper

266 100

264 66.0 46.6 70.0

268 62.7 47.6 71.4



#72

Phenanthrene

Concen: 20.977 ng/ul

RT: 17.319 min Scan# 2422

Delta R.T. -0.004 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

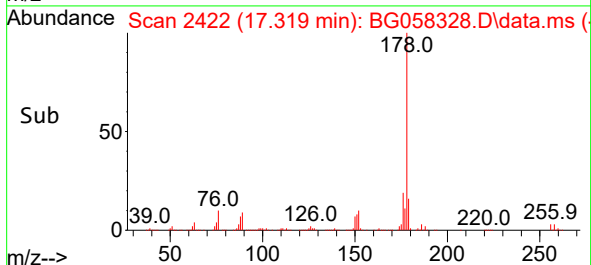
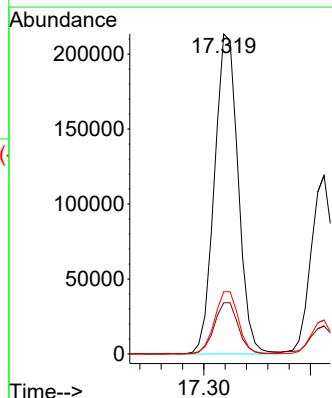
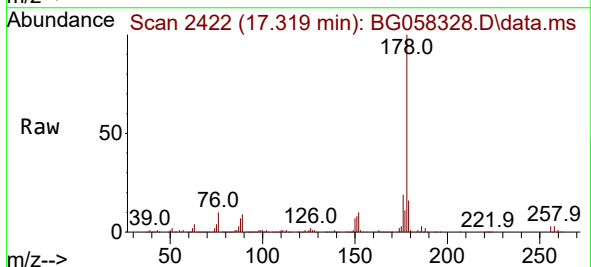
Tgt Ion:178 Resp: 329160

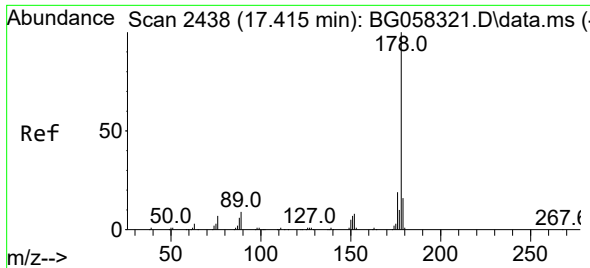
Ion Ratio Lower Upper

178 100

179 16.0 11.9 17.9

176 19.5 15.8 23.8

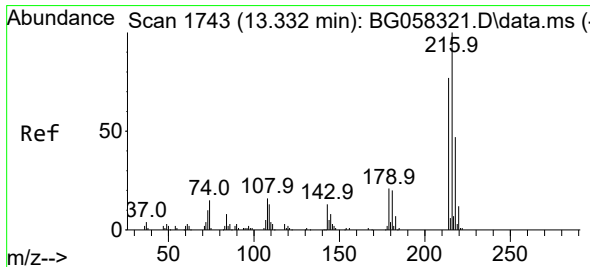
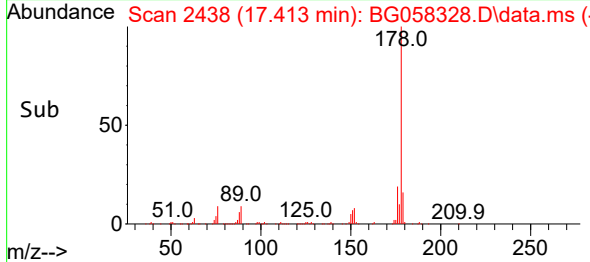
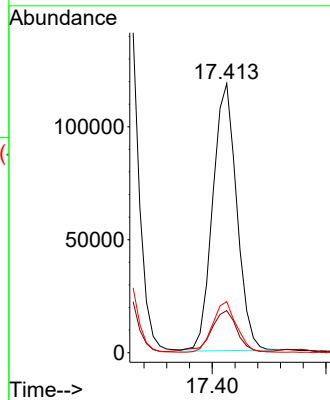
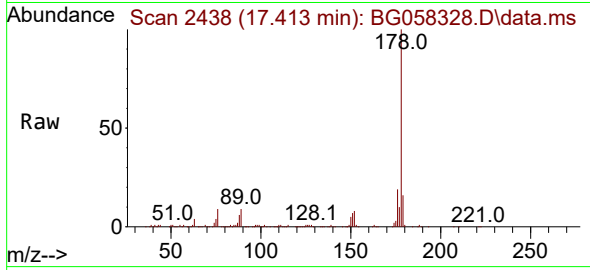




#74
 Anthracene
 Concen: 11.027 ng/uL
 RT: 17.413 min Scan# 2438
 Delta R.T. -0.004 min
 Lab File: BG058328.D
 Acq: 19 Jul 2023 14:26

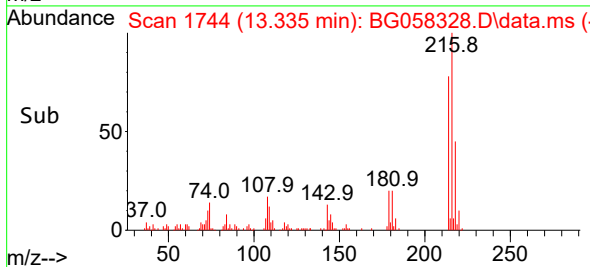
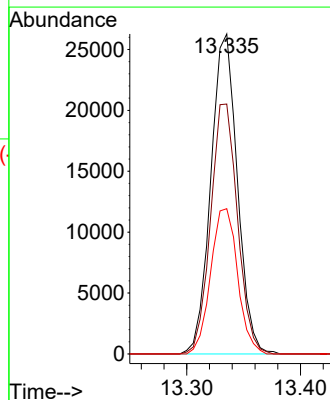
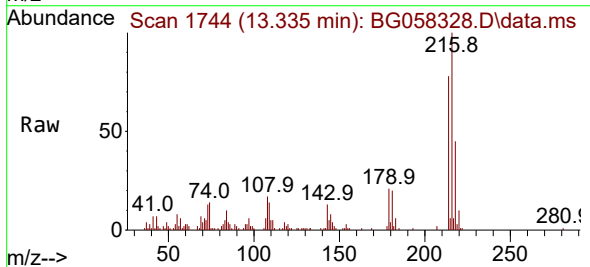
Instrument :
 BNA_G
 ClientSampleId :
 A46X7MS

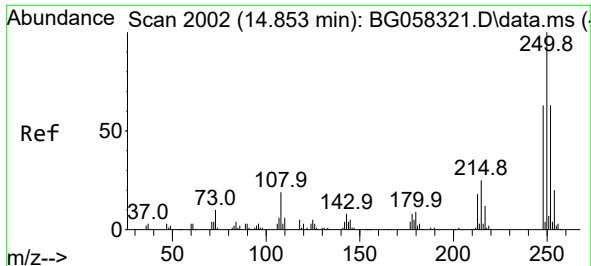
Tgt Ion:	178	Resp:	173706
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.4	20.2
176	19.0	16.2	24.2



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 10.272 ng/uL
 RT: 13.335 min Scan# 1744
 Delta R.T. 0.002 min
 Lab File: BG058328.D
 Acq: 19 Jul 2023 14:26

Tgt Ion:	216	Resp:	42543
Ion Ratio	Lower	Upper	
216	100		
214	78.1	62.2	93.4
218	45.4	40.9	61.3

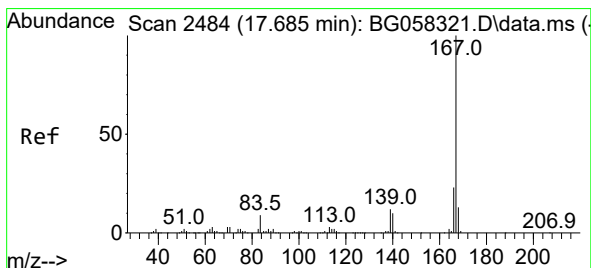
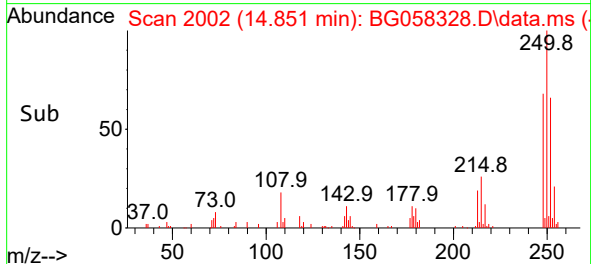
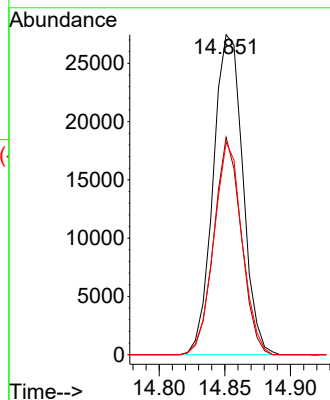
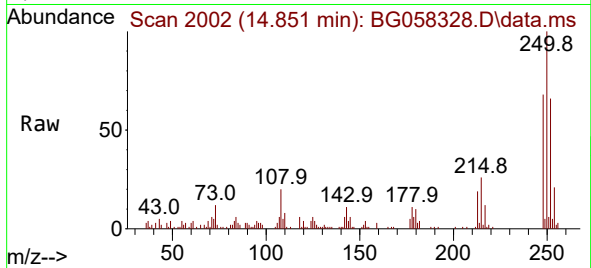




#76
 Pentachlorobenzene
 Concen: 9.498 ng/uL
 RT: 14.851 min Scan# 2002
 Delta R.T. -0.004 min
 Lab File: BG058328.D
 Acq: 19 Jul 2023 14:26

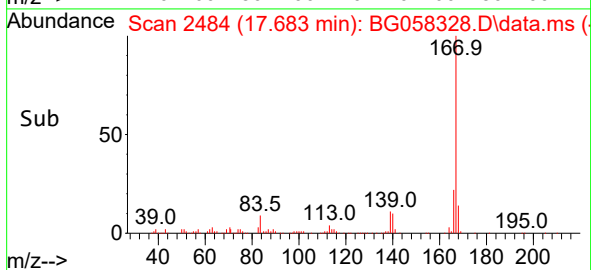
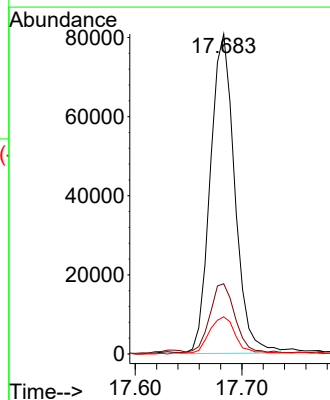
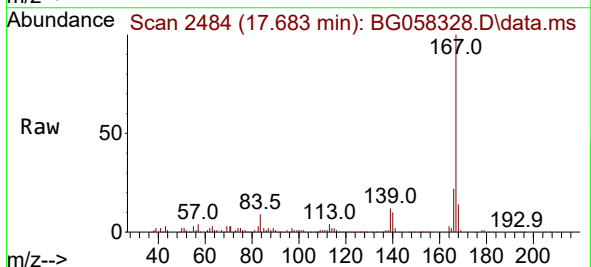
Instrument :
 BNA_G
 ClientSampleId :
 A46X7MS

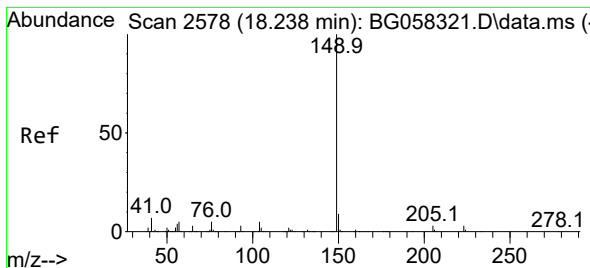
Tgt Ion:250 Resp: 43017
 Ion Ratio Lower Upper
 250 100
 248 67.9 51.6 77.4
 252 66.4 54.4 81.6



#77
 Carbazole
 Concen: 9.433 ng/uL
 RT: 17.683 min Scan# 2484
 Delta R.T. 0.002 min
 Lab File: BG058328.D
 Acq: 19 Jul 2023 14:26

Tgt Ion:167 Resp: 128803
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 11.6 9.4 14.0





#78

Di-n-butylphthalate

Concen: 69.139 ng/ul

RT: 18.235 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

Instrument :

BNA_G

ClientSampleId :

A46X7MS

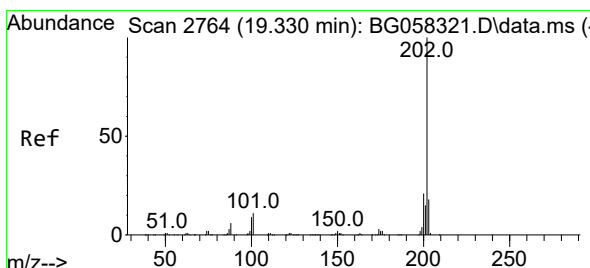
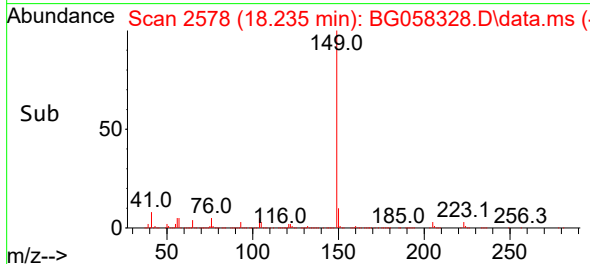
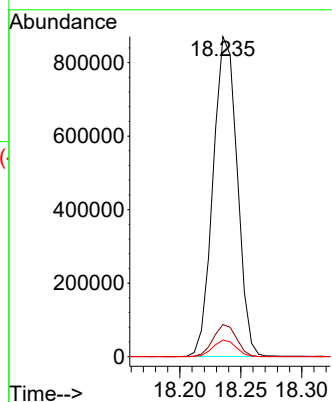
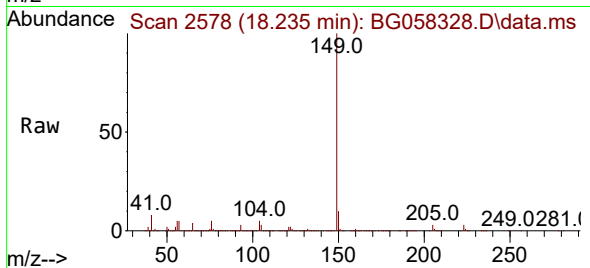
Tgt Ion:149 Resp: 1199650

Ion Ratio Lower Upper

149 100

150 10.1 7.2 10.8

104 5.2 3.9 5.9



#80

Fluoranthene

Concen: 20.473 ng/ul

RT: 19.334 min Scan# 2765

Delta R.T. 0.002 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

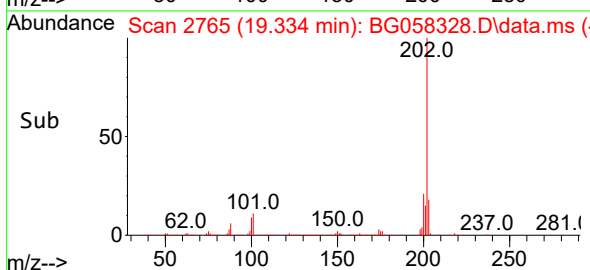
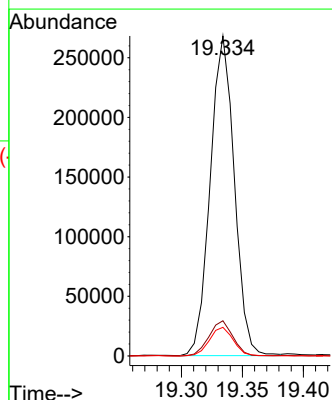
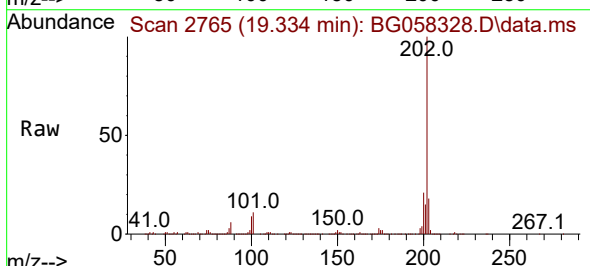
Tgt Ion:202 Resp: 368673

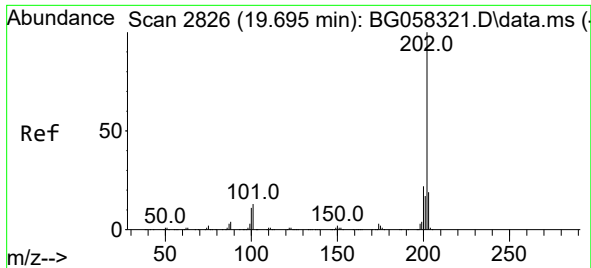
Ion Ratio Lower Upper

202 100

101 11.0 8.6 12.8

100 9.0 7.2 10.8

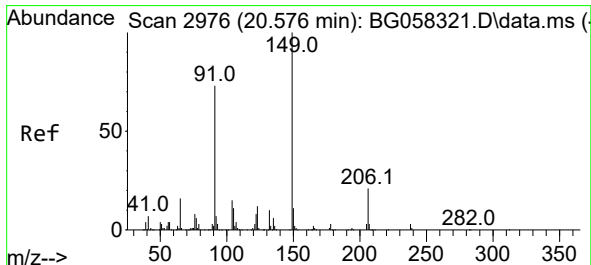
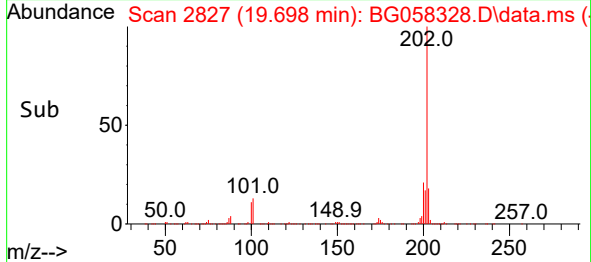
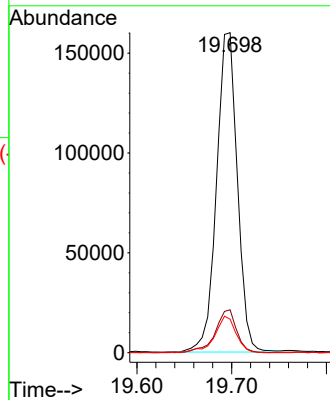
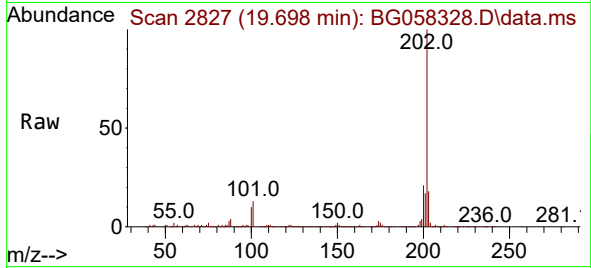




#82
 Pyrene
 Concen: 13.408 ng/ul
 RT: 19.698 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG058328.D
 Acq: 19 Jul 2023 14:26

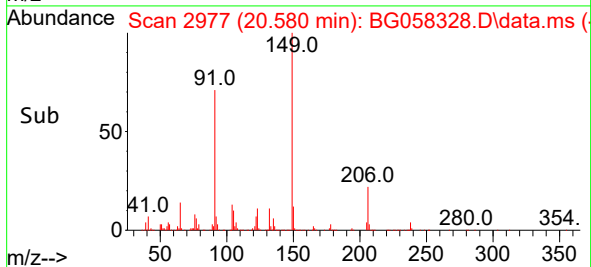
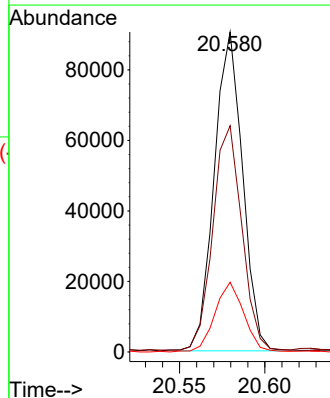
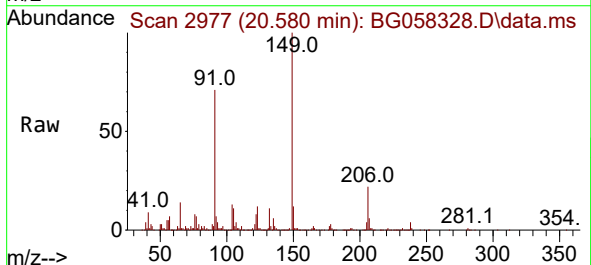
Instrument :
 BNA_G
 ClientSampleId :
 A46X7MS

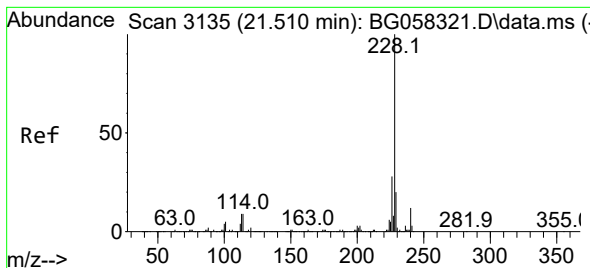
Tgt Ion:202 Resp: 244641
 Ion Ratio Lower Upper
 202 100
 101 13.4 10.2 15.2
 100 10.5 8.9 13.3



#83
 Butylbenzylphthalate
 Concen: 14.531 ng/ul
 RT: 20.580 min Scan# 2977
 Delta R.T. 0.002 min
 Lab File: BG058328.D
 Acq: 19 Jul 2023 14:26

Tgt Ion:149 Resp: 104405
 Ion Ratio Lower Upper
 149 100
 91 70.7 59.9 89.9
 206 21.8 16.9 25.3





#85

Benzo(a)anthracene

Concen: 15.663 ng/ul

RT: 21.508 min Scan# 3119

Delta R.T. -0.004 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

Instrument :

BNA_G

ClientSampleId :

A46X7MS

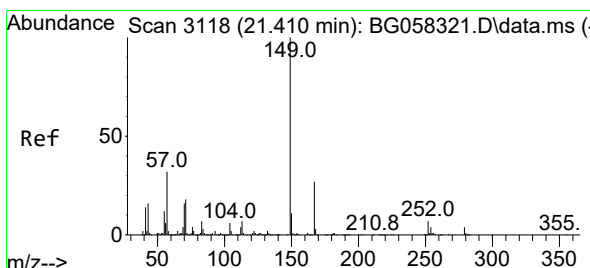
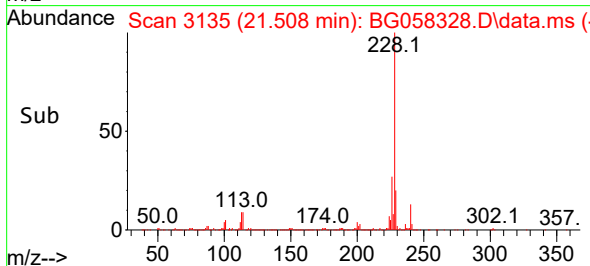
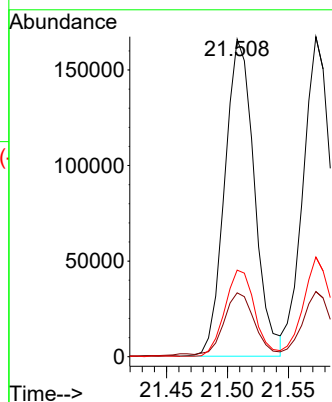
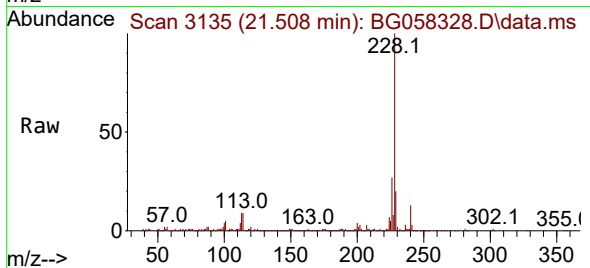
Tgt Ion:228 Resp: 280183

Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

226 27.2 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 17.527 ng/ul

RT: 21.414 min Scan# 3119

Delta R.T. 0.002 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

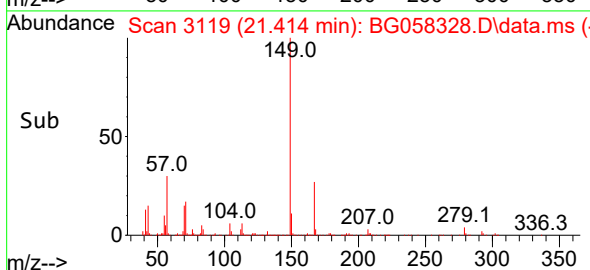
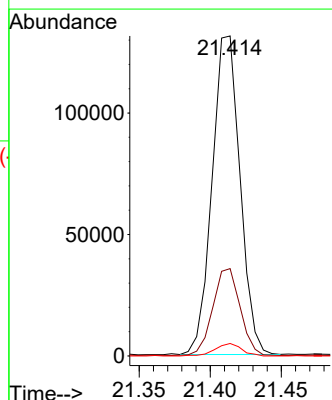
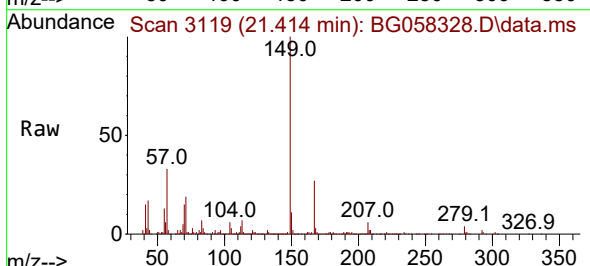
Tgt Ion:149 Resp: 179116

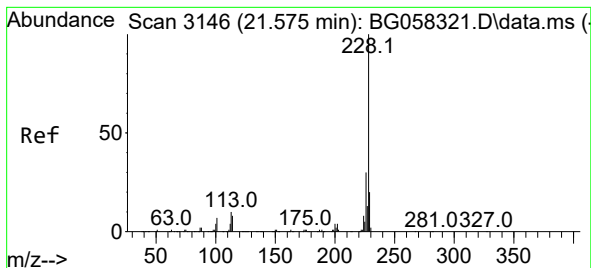
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 3.9 3.0 4.4





#87

Chrysene

Concen: 15.798 ng/ul

RT: 21.573 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

Instrument :

BNA_G

ClientSampleId :

A46X7MS

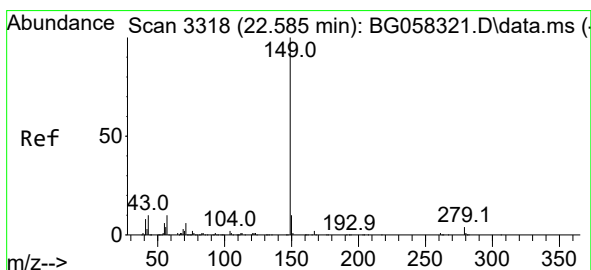
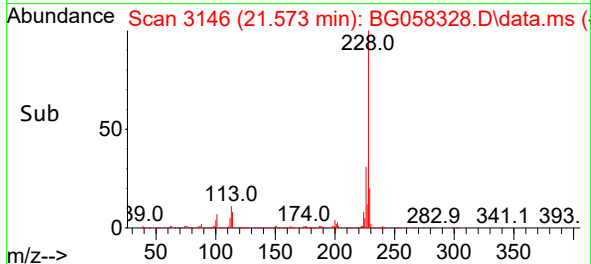
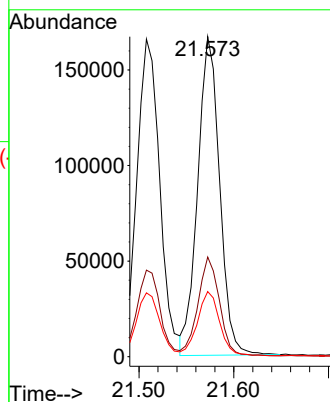
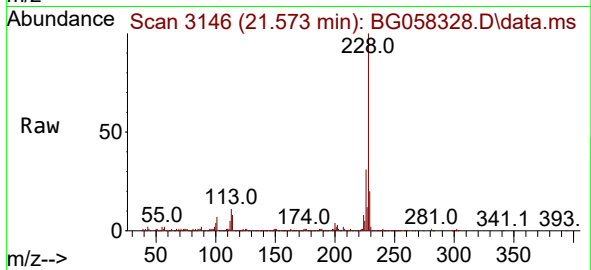
Tgt Ion:228 Resp: 268060

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

229 20.4 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 14.829 ng/ul

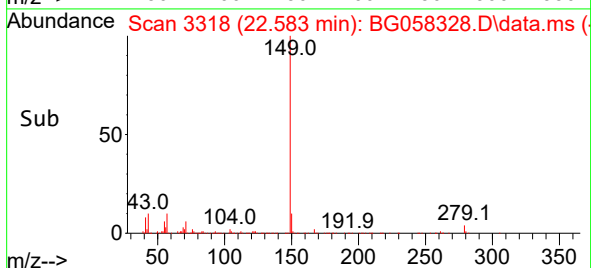
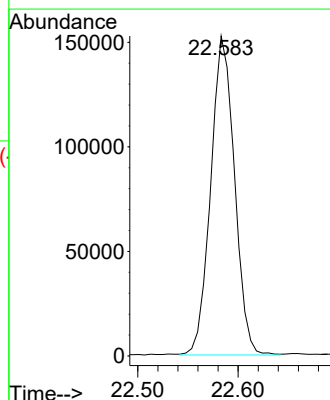
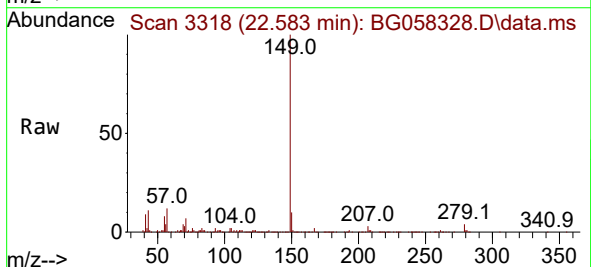
RT: 22.583 min Scan# 3318

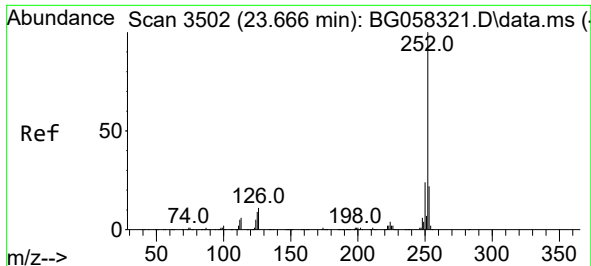
Delta R.T. -0.004 min

Lab File: BG058328.D

Acq: 19 Jul 2023 14:26

Tgt Ion:149 Resp: 250936

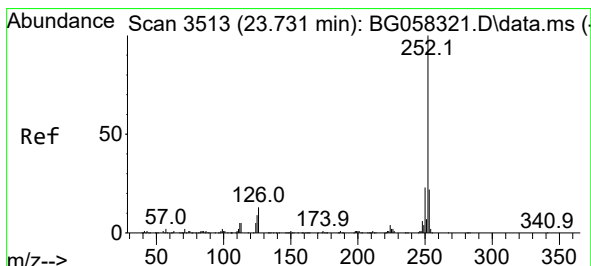
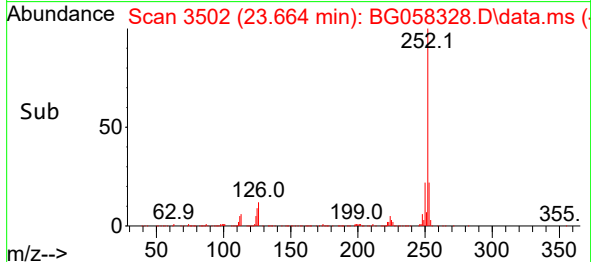
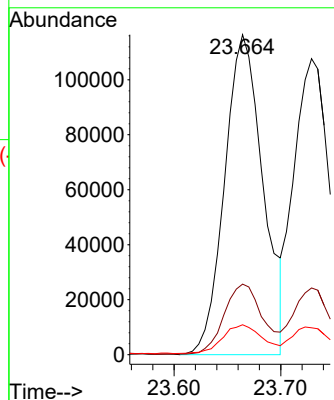
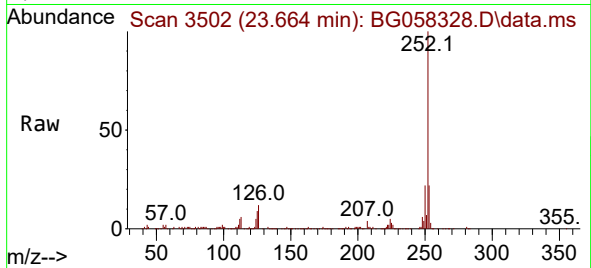




#90
Benzo(b)fluoranthene
Concen: 15.846 ng/ul
RT: 23.664 min Scan# 3502
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

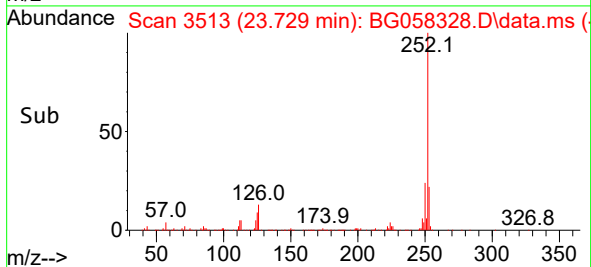
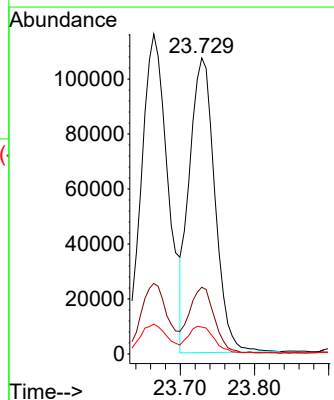
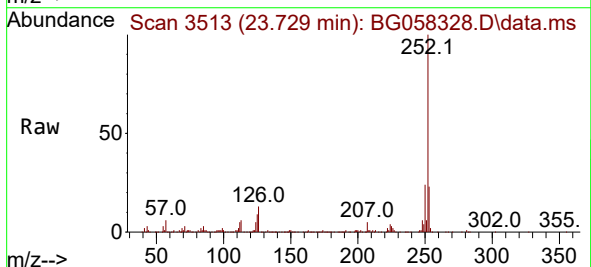
Instrument :
BNA_G
ClientSampleId :
A46X7MS

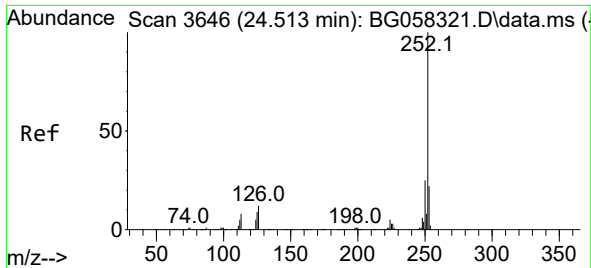
Tgt Ion:252 Resp: 291592
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.4 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 13.931 ng/ul
RT: 23.729 min Scan# 3513
Delta R.T. -0.004 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

Tgt Ion:252 Resp: 255661
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 9.1 7.4 11.0

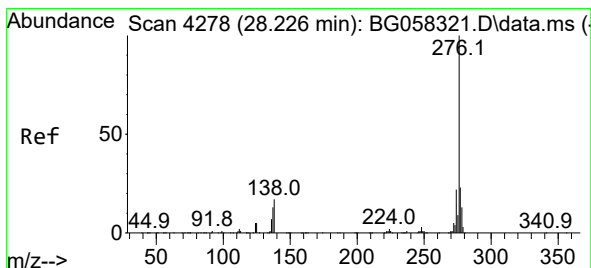
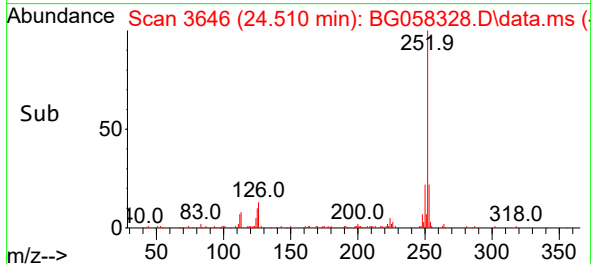
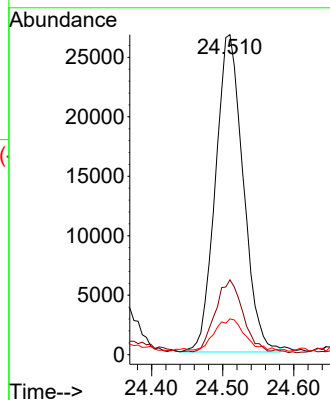
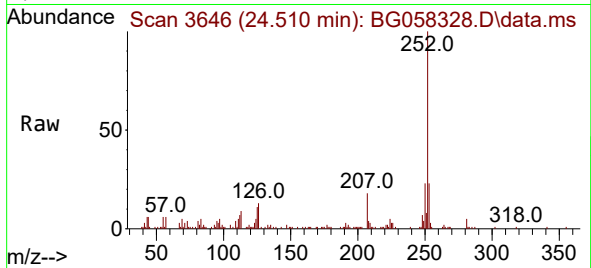




#93
Benzo(a)pyrene
Concen: 4.417 ng/ul
RT: 24.510 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

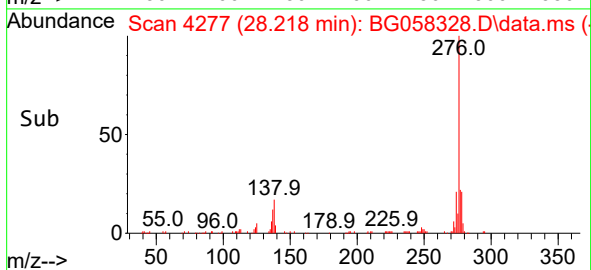
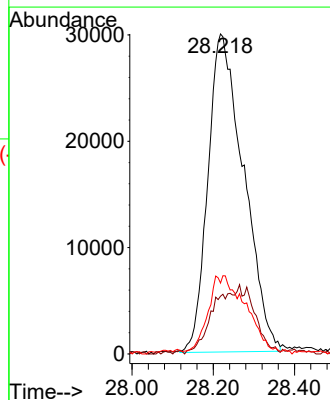
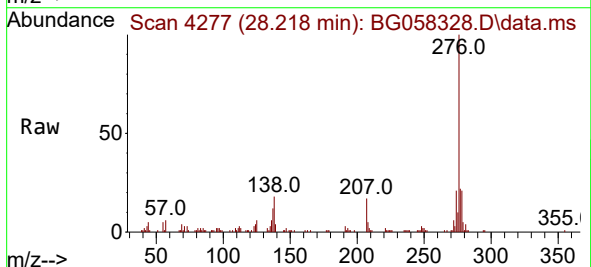
Instrument :
BNA_G
ClientSampleId :
A46X7MS

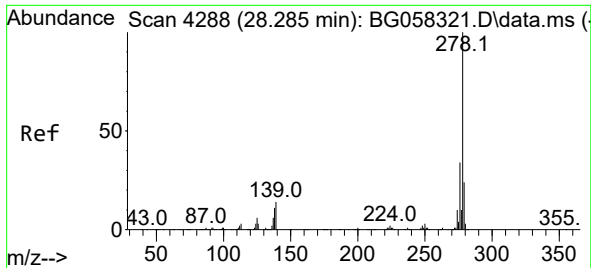
Tgt Ion:252 Resp: 72288
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 11.2 7.7 11.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 8.468 ng/ul
RT: 28.218 min Scan# 4277
Delta R.T. -0.010 min
Lab File: BG058328.D
Acq: 19 Jul 2023 14:26

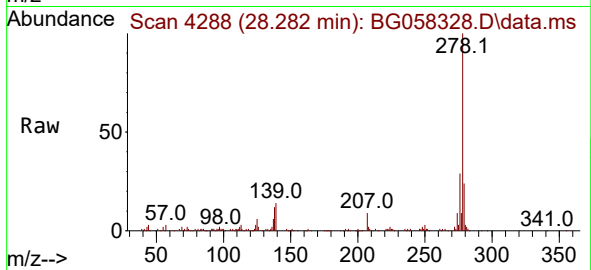
Tgt Ion:276 Resp: 182613
Ion Ratio Lower Upper
276 100
138 18.0 13.8 20.6
277 22.2 19.2 28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 13.535 ng/ul
 RT: 28.282 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: BG058328.D
 Acq: 19 Jul 2023 14:26

Instrument :
 BNA_G
 ClientSampleId :
 A46X7MS



Tgt Ion:278 Resp: 239328
 Ion Ratio Lower Upper
 278 100
 139 13.5 10.4 15.6
 279 24.5 18.4 27.6

