

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058325.D
 Acq On : 19 Jul 2023 11:46
 Operator : CG/JU
 Sample : PB154065BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 19 22:35:09 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	45090	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	214893	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	157497	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188	372322	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	300767	20.000	ng/ul	0.00
88) Perylene-d12	24.668	264	373680	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	7560	6.171	ng/uL	0.00
4) Pyridine-d5	3.746	84	112686	30.990	ng/ul	0.00
7) Phenol-d5	7.059	99	149967	35.060	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	84794	31.717	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	100469	33.555	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	111565	34.195	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	52904	32.844	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	59901	34.064	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	116299	34.500	ng/ul	0.00
31) 4-Chloroaniline-d4	10.837	131	154876	31.692	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	373943	30.790	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	423632	33.285	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	61497	33.529	ng/ul	0.00
60) Fluorene-d10	15.526	176	332237	33.042	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	63926	33.700	ng/ul	0.00
73) Anthracene-d10	17.383	188	530977	33.005	ng/ul	0.00
81) Pyrene-d10	19.668	212	606384	34.135	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.451	264	613491	33.968	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	20082	14.452	ng/uL	97
5) Pyridine	3.763	79	127001	33.073	ng/ul	97
6) Benzaldehyde	7.036	77	95534	55.304	ng/ul	98
8) Phenol	7.089	94	168057	37.834	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.318	93	120617	35.445	ng/ul	97
12) 2-Chlorophenol	7.459	128	113801	36.310	ng/ul	96
13) 2-Methylphenol	8.340	108	130139	37.590	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.417	45	191273	34.299	ng/ul	99
16) Acetophenone	8.716	105	201345	36.237	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.699	70	104984	34.523	ng/ul	95
18) 4-Methylphenol	8.669	108	142272	37.814	ng/ul	99
19) Hexachloroethane	8.975	117	43034	34.834	ng/ul	91
22) Nitrobenzene	9.098	77	154505	35.969	ng/ul	97
23) Isophorone	9.621	82	318806	33.104	ng/ul	99
25) 2-Nitrophenol	9.815	139	69994	37.264	ng/ul	93
26) 2,4-Dimethylphenol	9.868	107	143234	34.200	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.103	93	175767	34.462	ng/ul	96
29) 2,4-Dichlorophenol	10.344	162	119238	37.268	ng/ul	94
30) Naphthalene	10.749	128	399738	34.801	ng/ul	99
32) 4-Chloroaniline	10.861	127	170866	34.210	ng/ul	100
33) Hexachlorobutadiene	11.031	225	79350	34.684	ng/ul	97
34) Caprolactam	11.625	113	34032	25.610	ng/ul	96
35) 4-Chloro-3-methylphenol	11.989	107	156872	38.527	ng/ul	98
36) 2-Methylnaphthalene	12.359	142	278947	36.248	ng/ul	99

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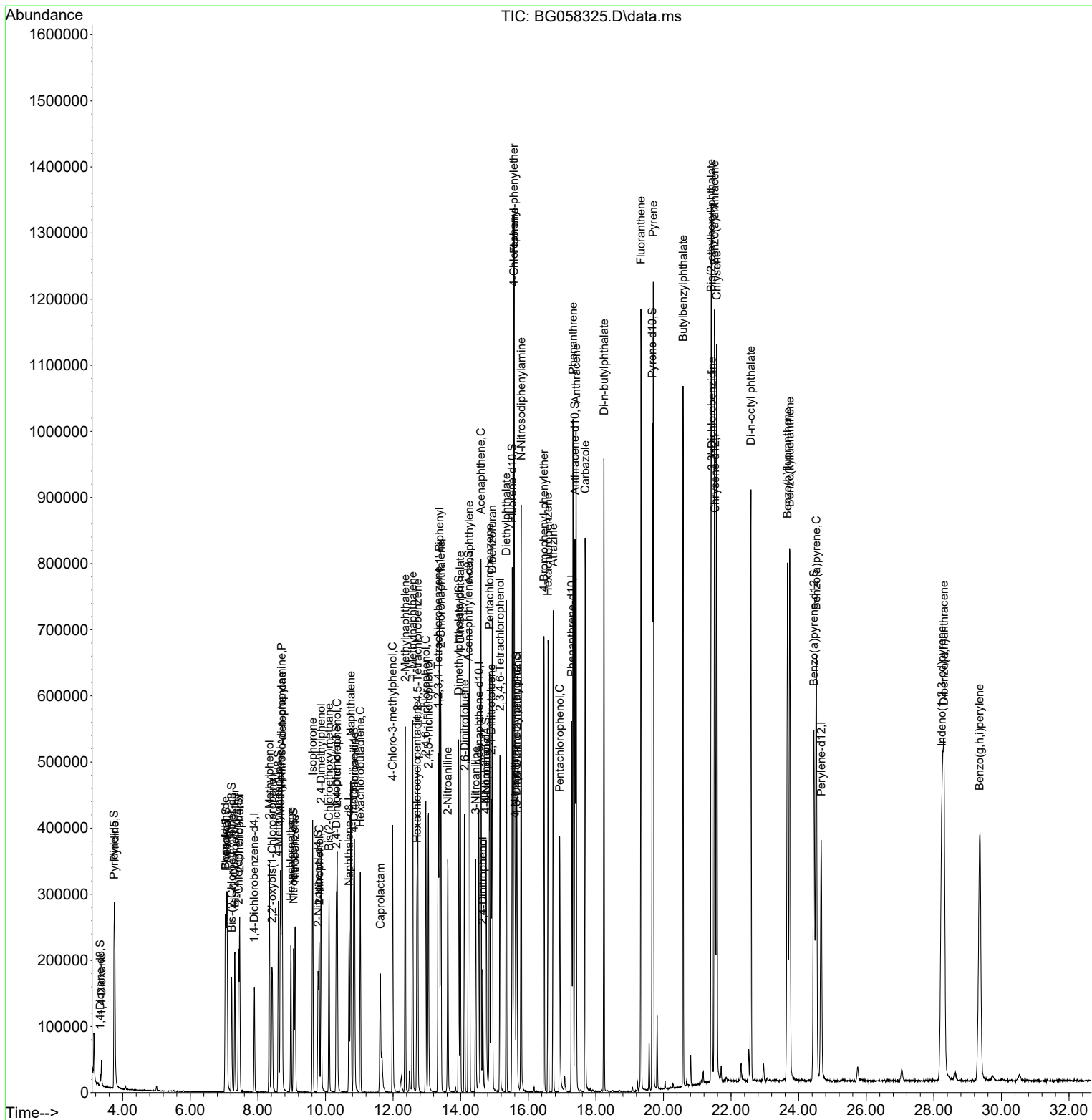
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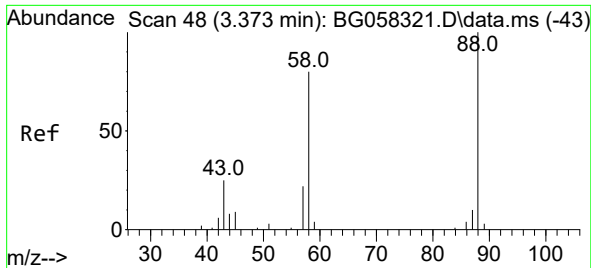
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.582	142	278397	35.298	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.729	216	164386	36.056	ng/ul	98
40) Hexachlorocyclopentadiene	12.706	237	73140	29.827	ng/ul	99
41) 2,4,6-Trichlorophenol	12.970	196	116110	37.620	ng/ul	99
42) 2,4,5-Trichlorophenol	13.047	196	127556	38.758	ng/ul	97
43) 1,1'-Biphenyl	13.370	154	373944	35.112	ng/ul	99
44) 2-Chloronaphthalene	13.411	162	305330	36.059	ng/ul	97
45) 2-Nitroaniline	13.616	65	114217	38.833	ng/ul	98
47) Dimethylphthalate	13.987	163	414856	34.007	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	91804	38.944	ng/ul	96
50) Acenaphthylene	14.257	152	495528	36.069	ng/ul	100
51) 3-Nitroaniline	14.445	138	86730	44.148	ng/ul	92
52) Acenaphthene	14.598	153	339720	35.615	ng/ul	99
53) 2,4-Dinitrophenol	14.650	184	42921	34.211	ng/ul	94
55) 4-Nitrophenol	14.756	109	52035	36.837	ng/ul	92
56) Dibenzofuran	14.933	168	486717	35.836	ng/ul	99
57) 2,4-Dinitrotoluene	14.903	165	130529	38.391	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.162	232	113719	37.399	ng/ul#	98
59) Diethylphthalate	15.350	149	433065	34.459	ng/ul	99
61) Fluorene	15.585	166	396683	35.615	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	209519	35.434	ng/ul	98
63) 4-Nitroaniline	15.608	138	84813	47.712	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.667	198	72727	37.265	ng/ul	95
67) N-Nitrosodiphenylamine	15.790	169	340012	36.841	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	147341	37.362	ng/ul	96
69) Hexachlorobenzene	16.584	284	165190	37.122	ng/ul	97
70) Atrazine	16.736	200	135017	37.313	ng/ul	98
71) Pentachlorophenol	16.930	266	82473	33.018	ng/ul	94
72) Phenanthrene	17.324	178	644868	36.446	ng/ul	98
74) Anthracene	17.418	178	640269	36.046	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	168453	36.070	ng/uL	97
76) Pentachlorobenzene	14.856	250	182372	35.710	ng/uL	97
77) Carbazole	17.682	167	590835	38.372	ng/ul	98
78) Di-n-butylphthalate	18.240	149	741284	37.887	ng/ul	99
80) Fluoranthene	19.333	202	758240	37.258	ng/ul	99
82) Pyrene	19.698	202	754924	36.611	ng/ul	99
83) Butylbenzylphthalate	20.579	149	319109	39.301	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.431	252	282588	42.089	ng/ul	98
85) Benzo(a)anthracene	21.513	228	744131	36.809	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.413	149	450442	39.003	ng/ul	99
87) Chrysene	21.578	228	725298	37.824	ng/ul	99
89) Di-n-octyl phthalate	22.588	149	786452	39.555	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	799002	36.955	ng/ul	99
91) Benzo(k)fluoranthene	23.740	252	768664	35.647	ng/ul	99
93) Benzo(a)pyrene	24.521	252	701140	36.460	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.240	276	950315	37.508	ng/ul	99
95) Dibenzo(a,h)anthracene	28.299	278	783294	37.701	ng/ul	98
96) Benzo(g,h,i)perylene	29.357	276	773900	37.490	ng/ul	98

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

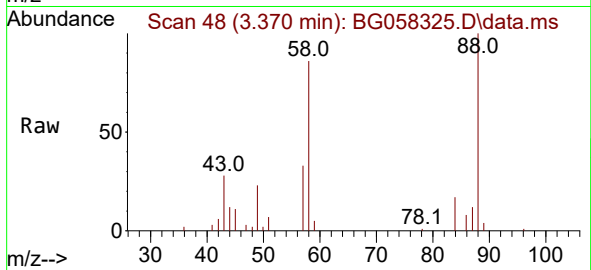
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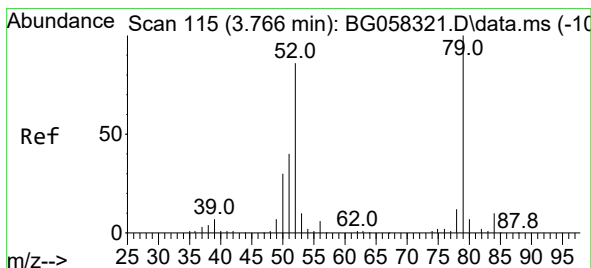
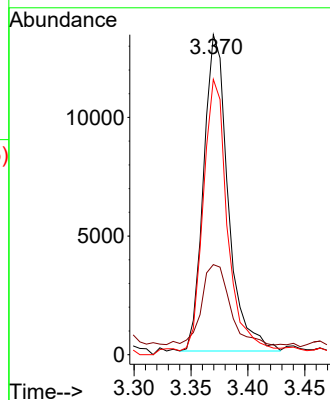
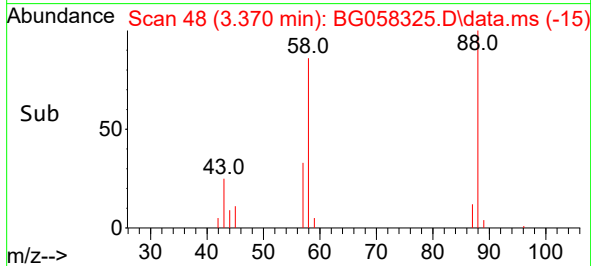


#2
1,4-Dioxane
Concen: 14.452 ng/uL
RT: 3.370 min Scan# 48
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Instrument :
BNA_G
ClientSampleId :

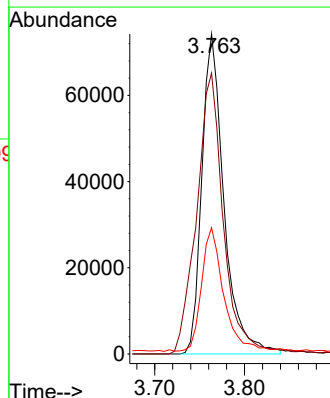
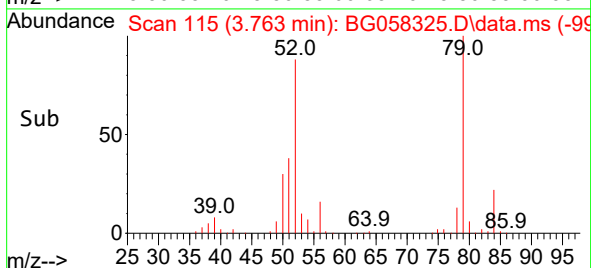
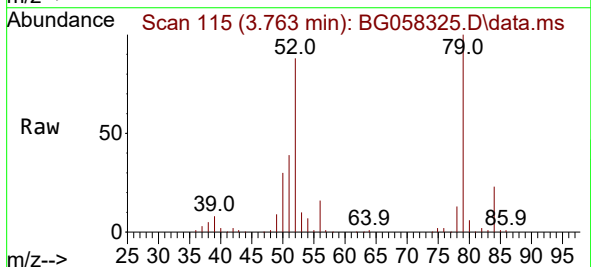


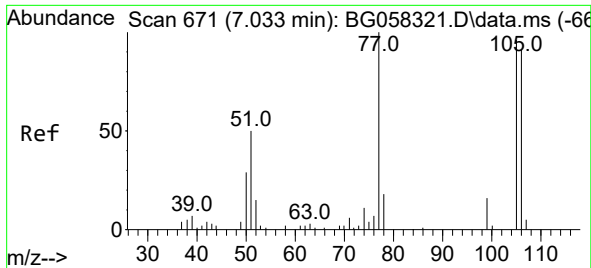
Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.2	19.6	29.4
58	86.0	70.2	105.4



#5
Pyridine
Concen: 33.073 ng/uL
RT: 3.763 min Scan# 115
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion	Ratio	Lower	Upper
79	100		
52	87.8	72.3	108.5
51	39.5	33.4	50.0

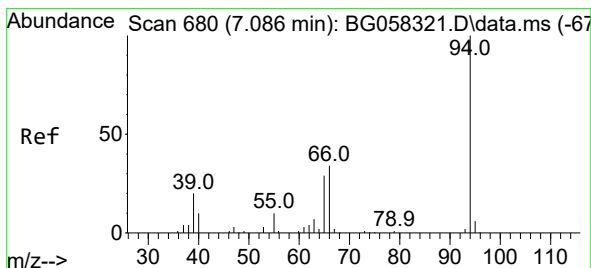
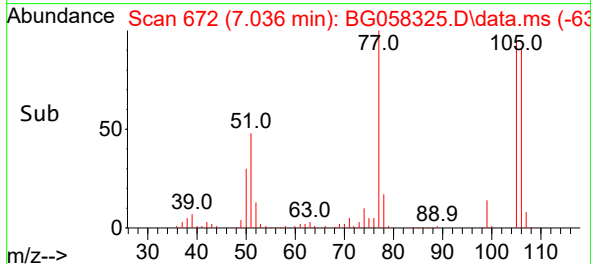
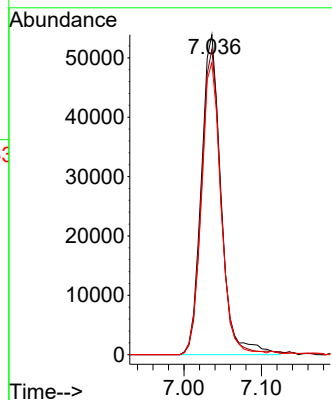
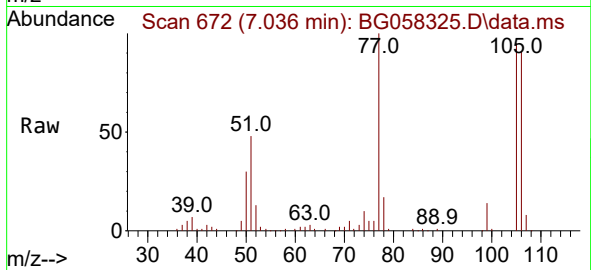




#6
Benzaldehyde
Concen: 55.304 ng/ul
RT: 7.036 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

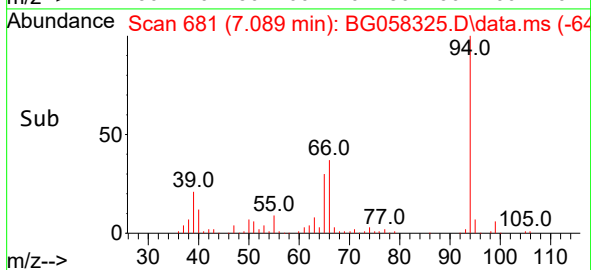
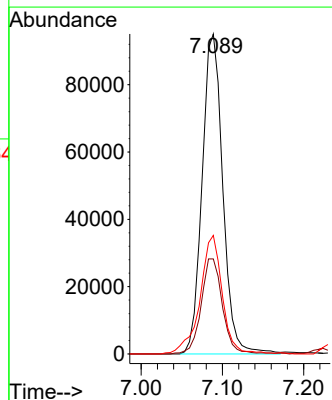
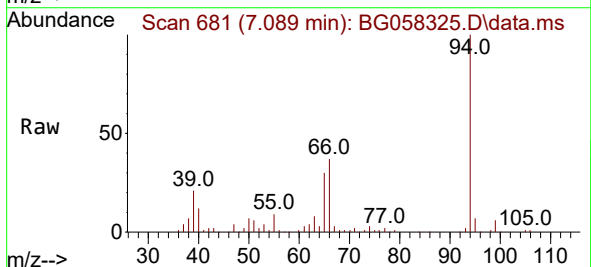
Instrument :
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ClientSampleId :

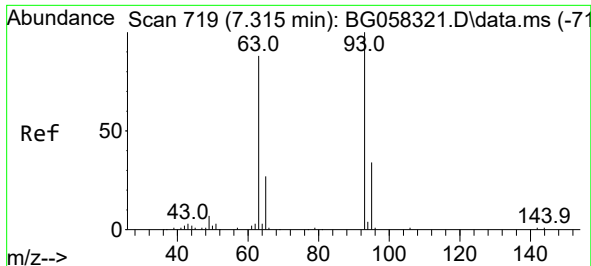
Tgt Ion: 77 Resp: 95534
Ion Ratio Lower Upper
77 100
105 95.4 78.2 117.4
106 91.3 71.6 107.4



#8
Phenol
Concen: 37.834 ng/ul
RT: 7.089 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion: 94 Resp: 168057
Ion Ratio Lower Upper
94 100
65 29.7 23.8 35.8
66 37.1 31.2 46.8

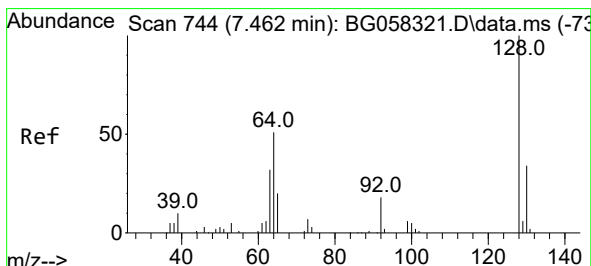
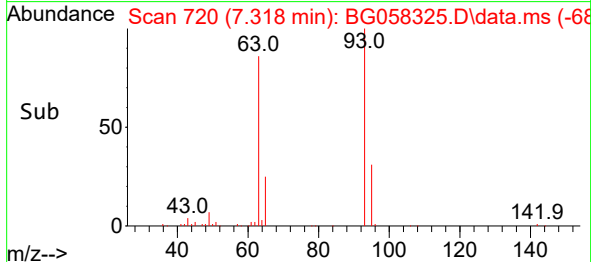
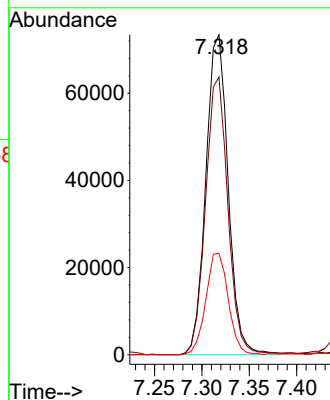
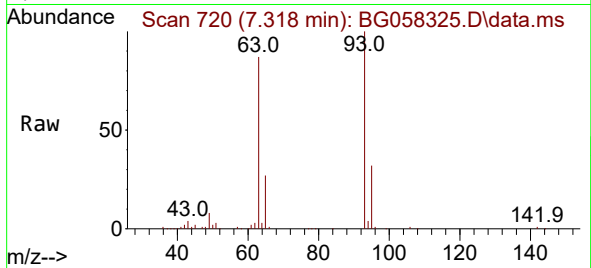




#10
Bis(2-Chloroethyl)ether
Concen: 35.445 ng/ul
RT: 7.318 min Scan# 719
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

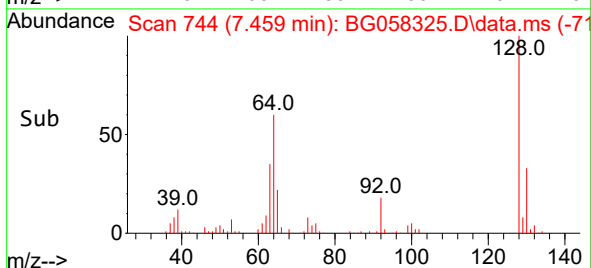
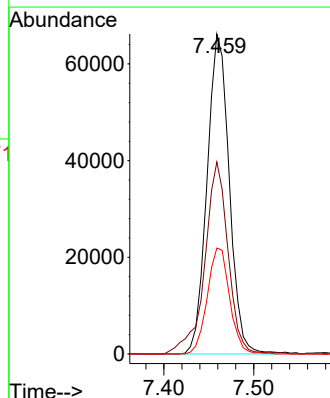
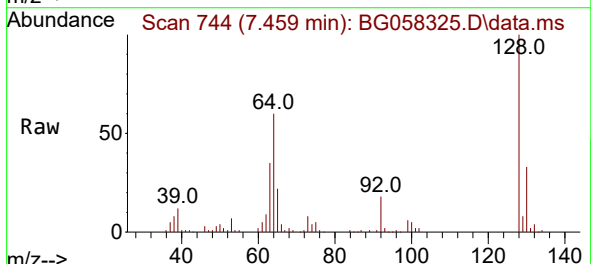
Instrument :
BNA_G
ClientSampleId :

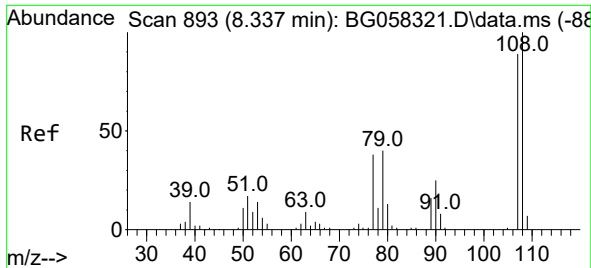
Tgt Ion: 93 Resp: 120617
Ion Ratio Lower Upper
93 100
63 86.8 67.7 101.5
95 31.7 27.0 40.6



#12
2-Chlorophenol
Concen: 36.310 ng/ul
RT: 7.459 min Scan# 744
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion: 128 Resp: 113801
Ion Ratio Lower Upper
128 100
64 60.0 45.6 68.4
130 33.1 25.2 37.8





#13

2-Methylphenol

Concen: 37.590 ng/ul

RT: 8.340 min Scan# 893

Delta R.T. 0.001 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

Instrument :

BNA_G

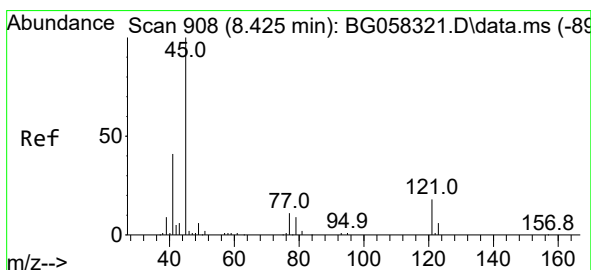
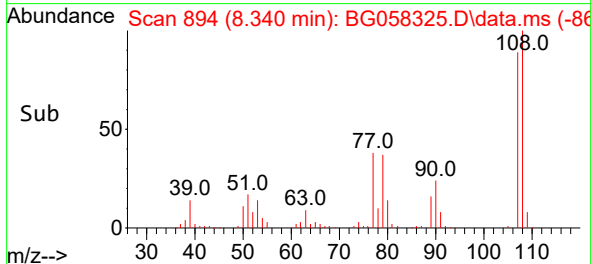
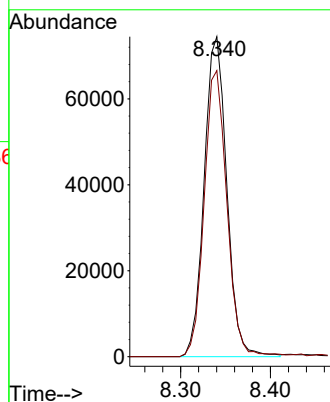
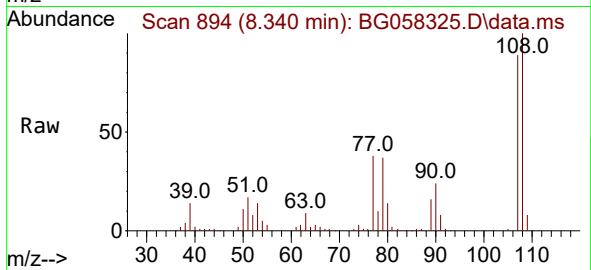
ClientSampleId :

Tgt Ion:108 Resp: 130139

Ion Ratio Lower Upper

108 100

107 89.4 71.5 107.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 34.299 ng/ul

RT: 8.417 min Scan# 907

Delta R.T. -0.011 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

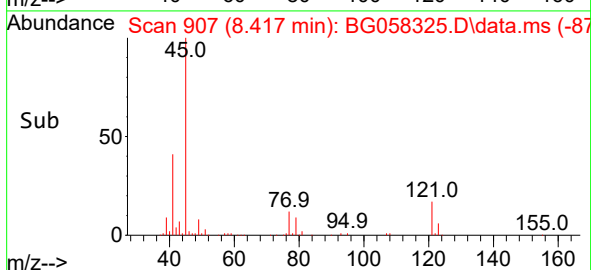
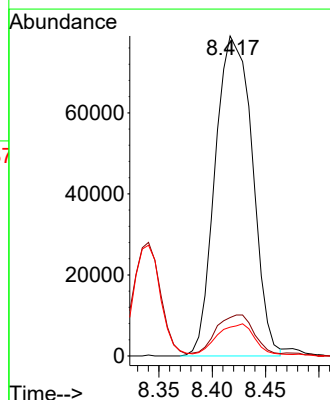
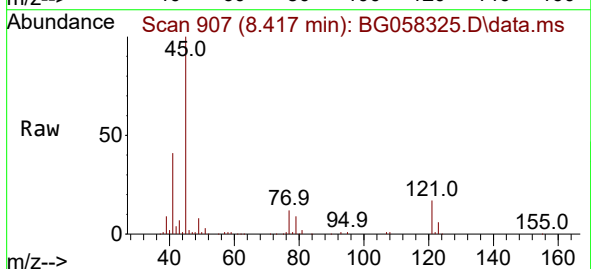
Tgt Ion: 45 Resp: 191273

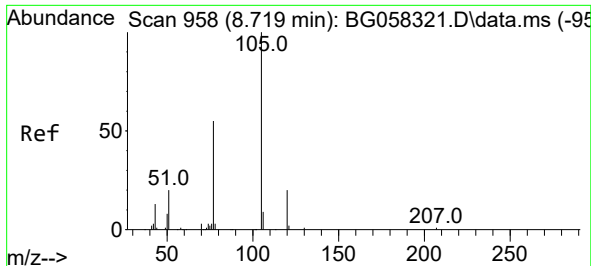
Ion Ratio Lower Upper

45 100

77 12.0 9.4 14.2

79 9.0 7.4 11.2

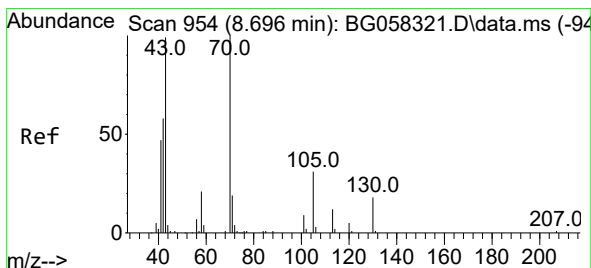
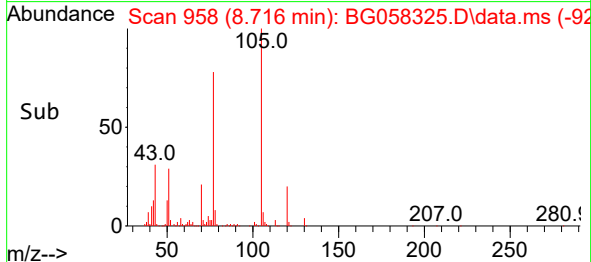
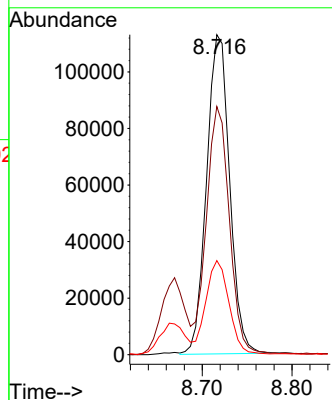
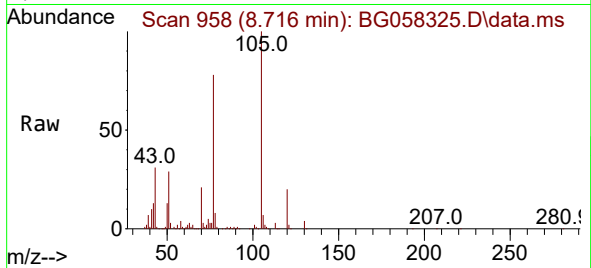




#16
Acetophenone
Concen: 36.237 ng/ul
RT: 8.716 min Scan# 911
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

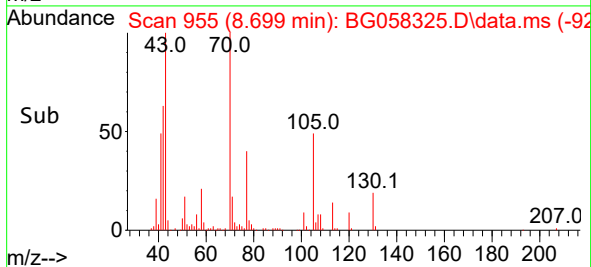
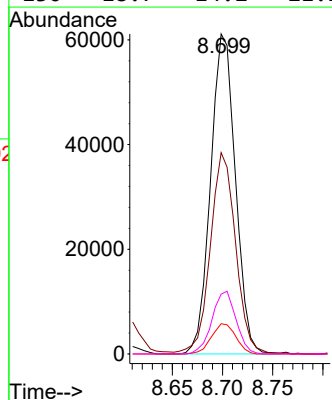
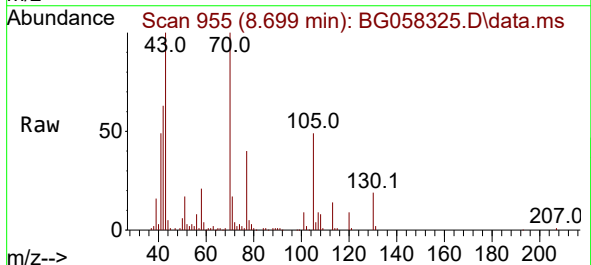
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BNA_G
ClientSampleId :

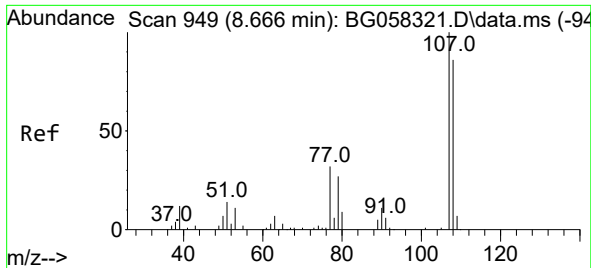
Tgt Ion:105 Resp: 201345
Ion Ratio Lower Upper
105 100
77 77.6 60.7 91.1
51 29.4 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 34.523 ng/ul
RT: 8.699 min Scan# 955
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion: 70 Resp: 104984
Ion Ratio Lower Upper
70 100
42 62.9 46.6 69.8
101 9.4 7.3 10.9
130 18.7 14.2 21.2

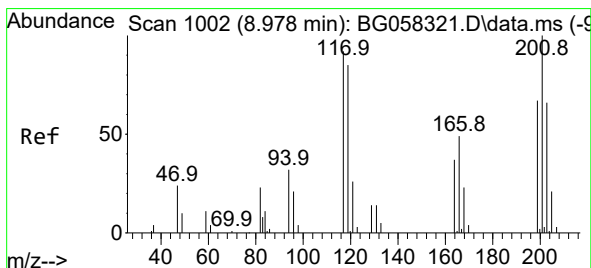
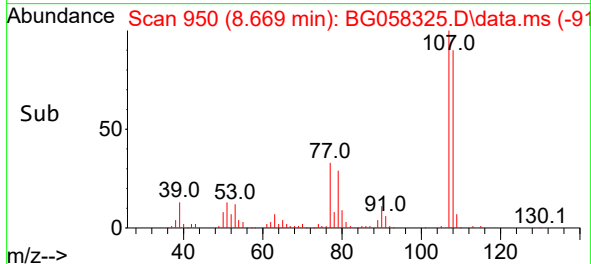
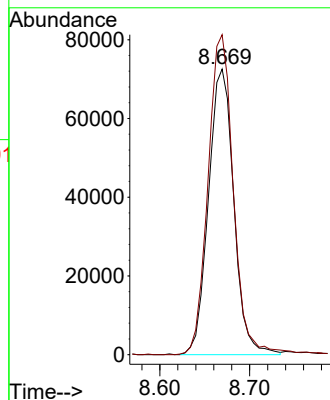
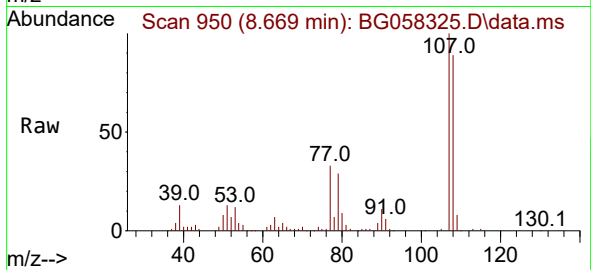




#18
4-Methylphenol
Concen: 37.814 ng/ul
RT: 8.669 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

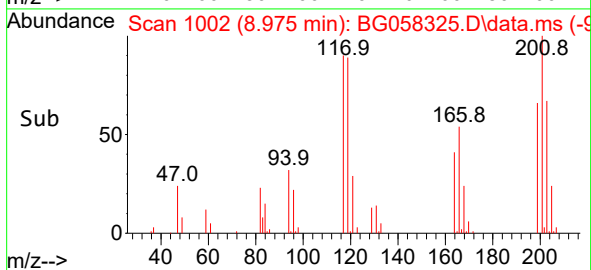
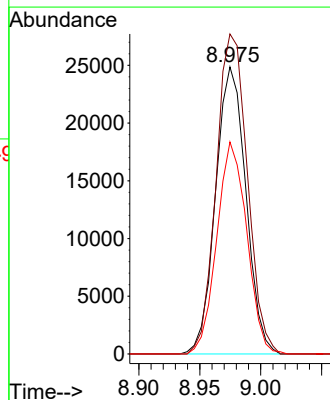
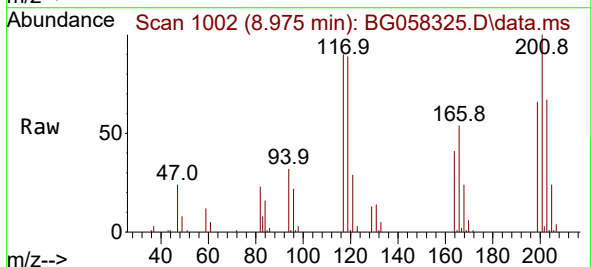
Instrument :
BNA_G
ClientSampleId :

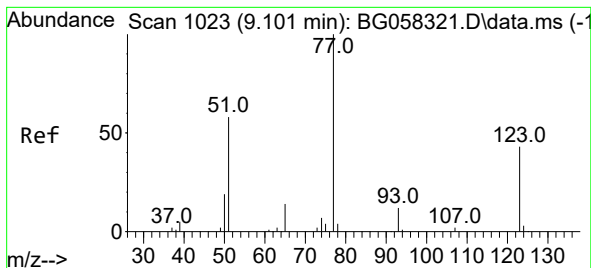
Tgt Ion:108 Resp: 142272
Ion Ratio Lower Upper
108 100
107 112.0 90.6 136.0



#19
Hexachloroethane
Concen: 34.834 ng/ul
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion:117 Resp: 43034
Ion Ratio Lower Upper
117 100
201 114.3 103.6 155.4
199 73.9 60.1 90.1





#22

Nitrobenzene

Concen: 35.969 ng/ul

RT: 9.098 min Scan# 110

Delta R.T. -0.005 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

Instrument :

BNA_G

ClientSampleId :

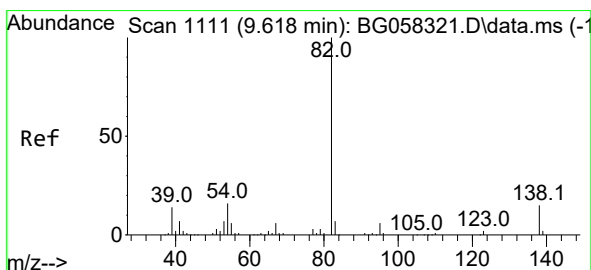
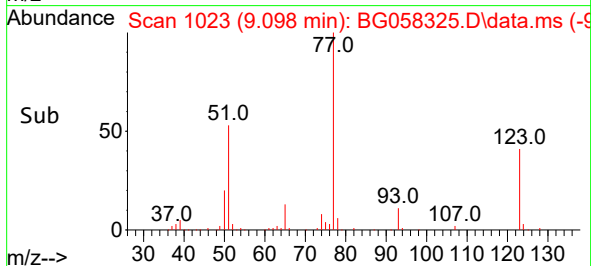
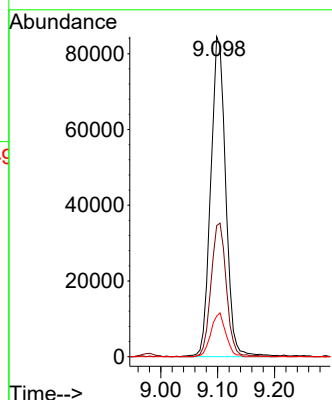
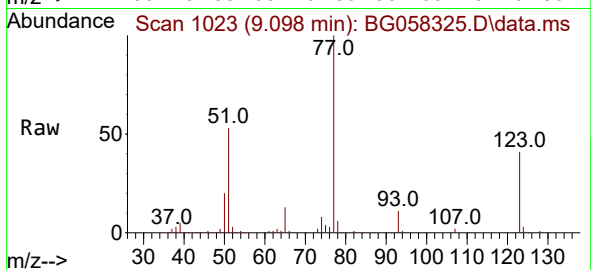
Tgt Ion: 77 Resp: 154505

Ion Ratio Lower Upper

77 100

123 41.0 34.0 51.0

65 12.6 11.0 16.6



#23

Isophorone

Concen: 33.104 ng/ul

RT: 9.621 min Scan# 1112

Delta R.T. 0.001 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

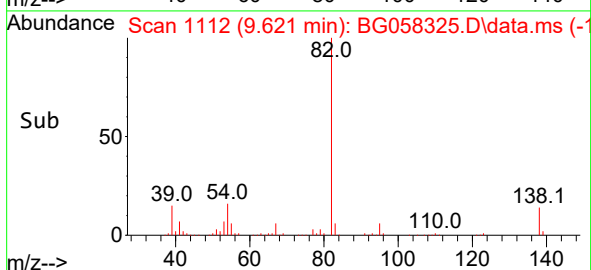
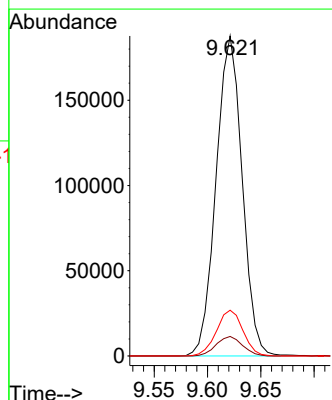
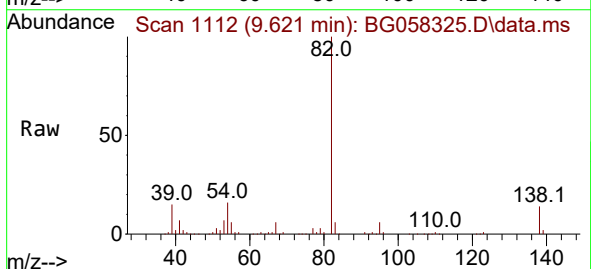
Tgt Ion: 82 Resp: 318806

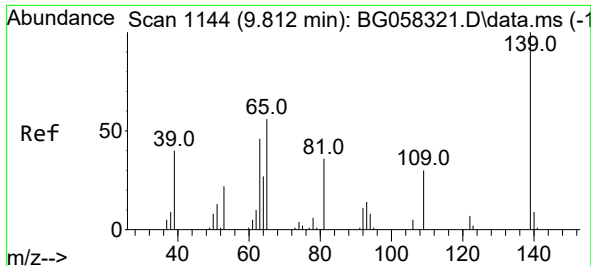
Ion Ratio Lower Upper

82 100

95 6.1 5.1 7.7

138 14.3 11.9 17.9

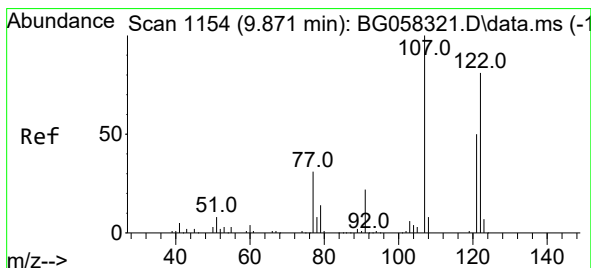
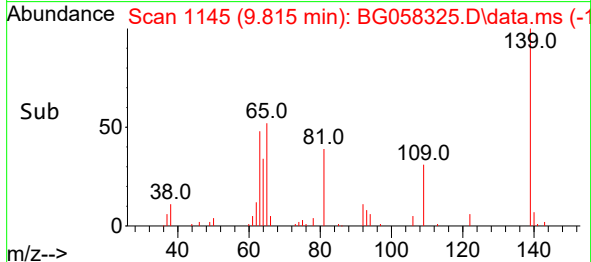
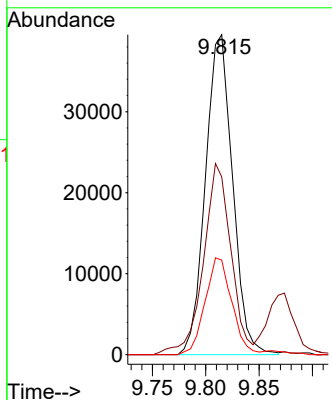
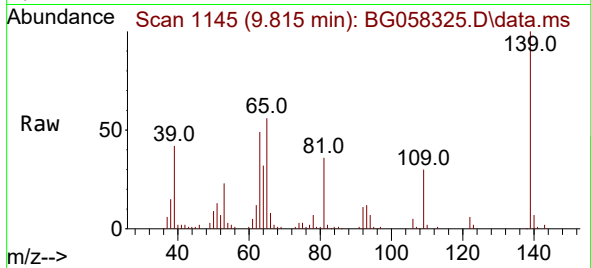




#25
2-Nitrophenol
Concen: 37.264 ng/ul
RT: 9.815 min Scan# 1145
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

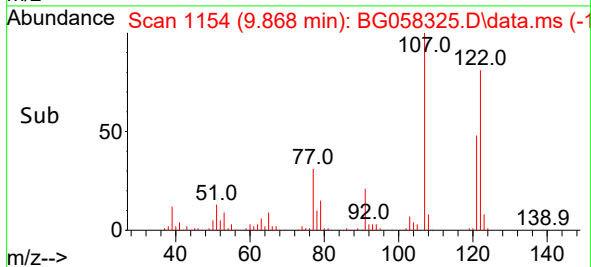
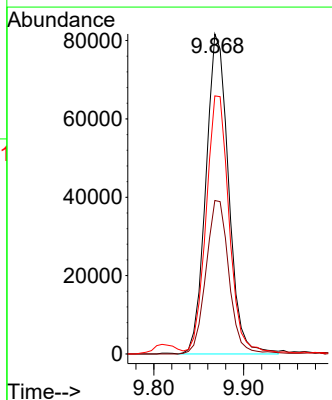
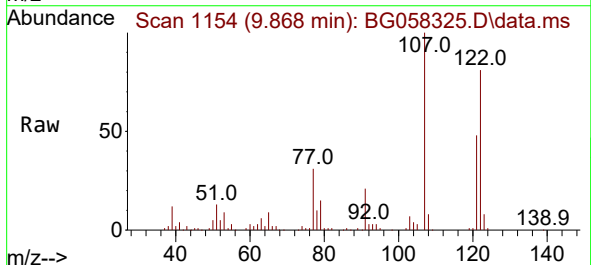
Instrument :
BNA_G
ClientSampleId :

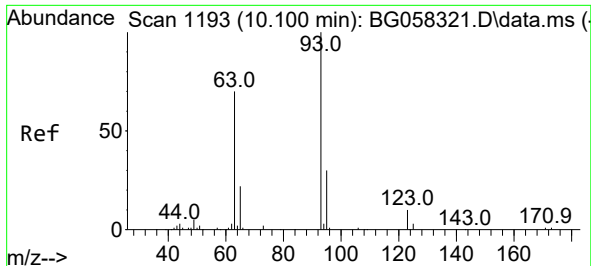
Tgt Ion	Ratio	Lower	Upper
139	100		
65	55.5	49.2	73.8
109	29.5	21.6	32.4



#26
2,4-Dimethylphenol
Concen: 34.200 ng/ul
RT: 9.868 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion	Ratio	Lower	Upper
107	100		
121	48.0	39.1	58.7
122	80.7	68.9	103.3

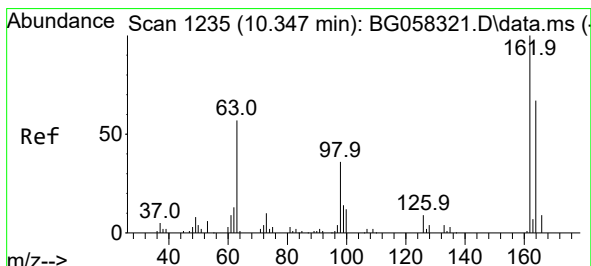
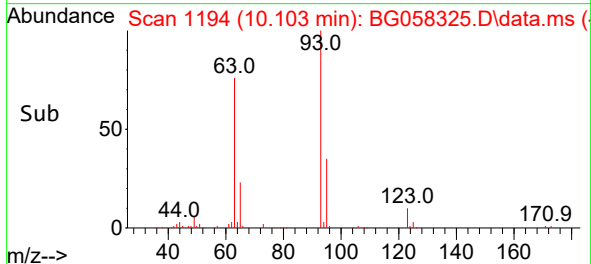
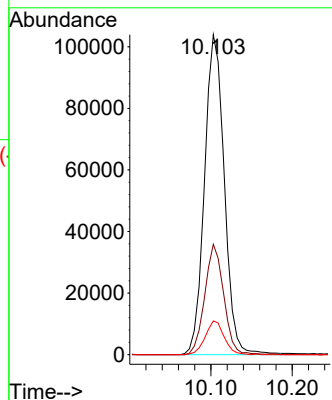
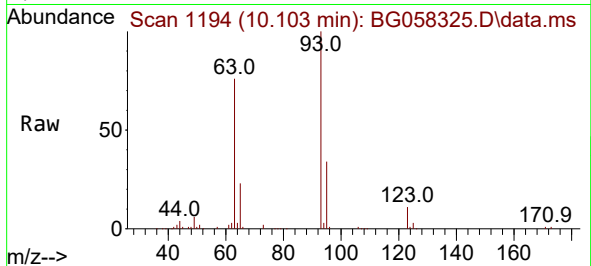




#27
 Bis(2-Chloroethoxy)methane
 Concen: 34.462 ng/ul
 RT: 10.103 min Scan# 1194
 Delta R.T. -0.005 min
 Lab File: BG058325.D
 Acq: 19 Jul 2023 11:46

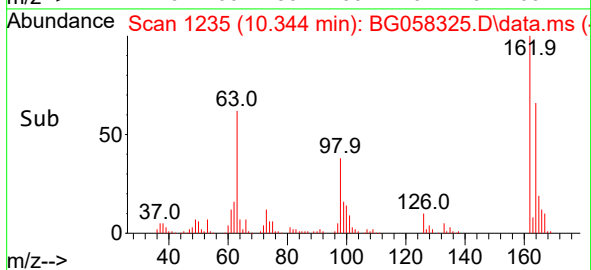
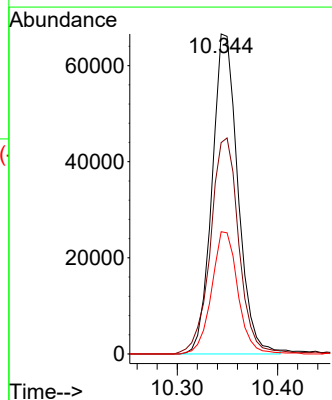
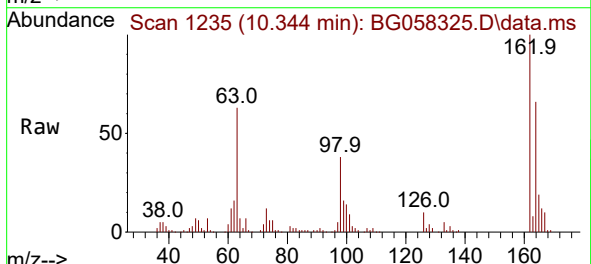
Instrument :
 BNA_G
 ClientSampleId :

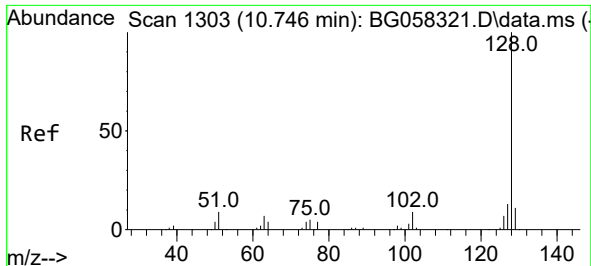
Tgt Ion: 93 Resp: 175767
 Ion Ratio Lower Upper
 93 100
 95 34.5 25.8 38.8
 123 10.5 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 37.268 ng/ul
 RT: 10.344 min Scan# 1235
 Delta R.T. -0.005 min
 Lab File: BG058325.D
 Acq: 19 Jul 2023 11:46

Tgt Ion:162 Resp: 119238
 Ion Ratio Lower Upper
 162 100
 164 66.1 58.4 87.6
 98 38.2 29.6 44.4

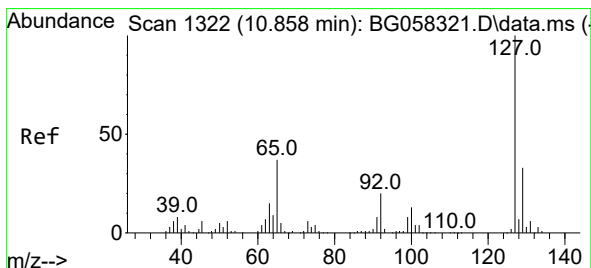
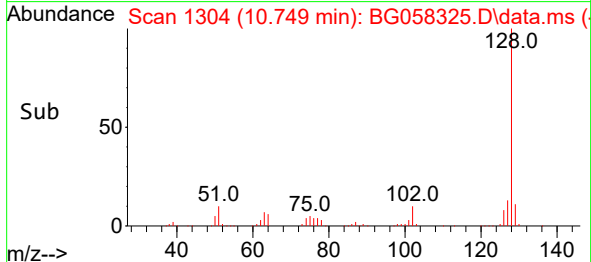
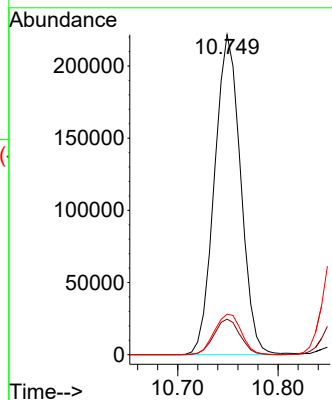
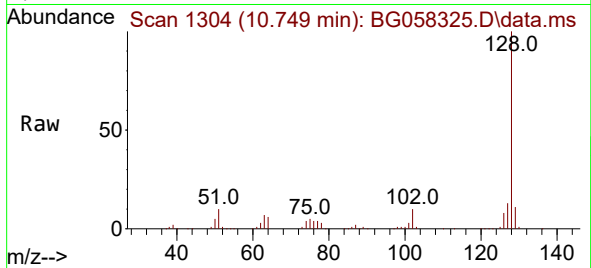




#30
Naphthalene
Concen: 34.801 ng/ul
RT: 10.749 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

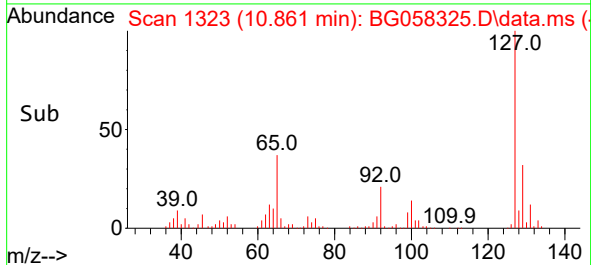
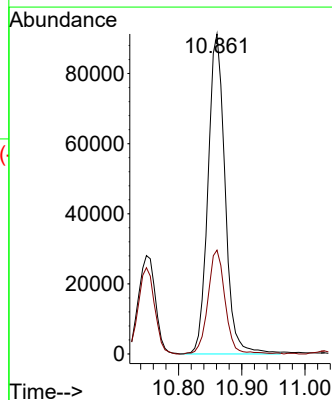
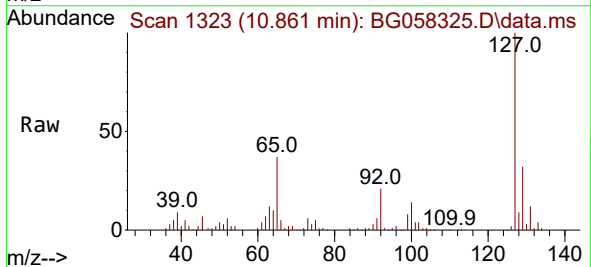
Instrument :
BNA_G
ClientSampleId :

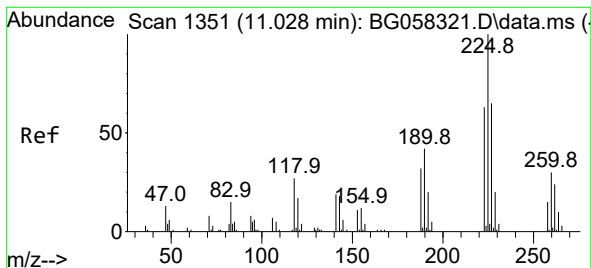
Tgt Ion:128 Resp: 399738
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.8 16.2



#32
4-Chloroaniline
Concen: 34.210 ng/ul
RT: 10.861 min Scan# 1323
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion:127 Resp: 170866
Ion Ratio Lower Upper
127 100
129 32.5 26.1 39.1





#33

Hexachlorobutadiene

Concen: 34.684 ng/ul

RT: 11.031 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

Instrument :

BNA_G

ClientSampleId :

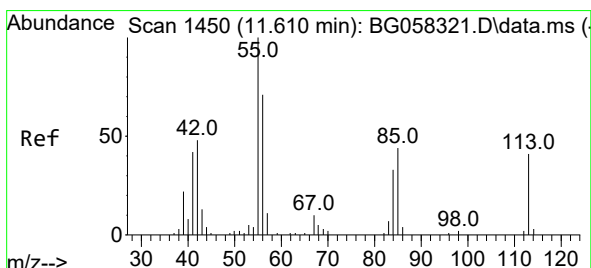
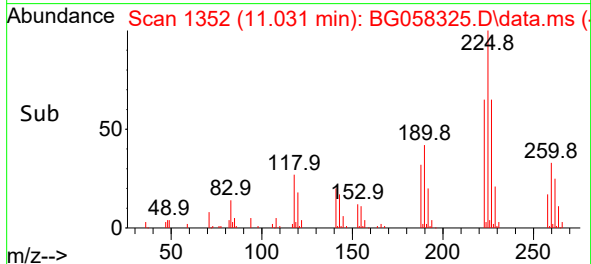
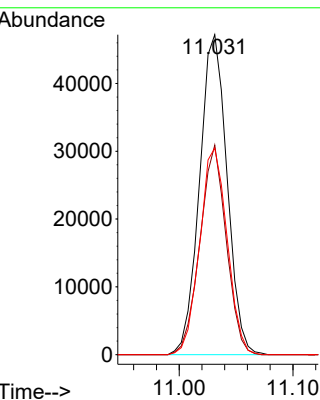
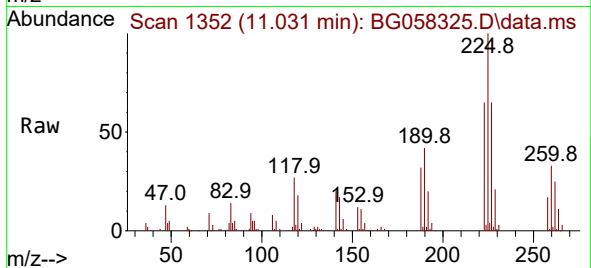
Tgt Ion:225 Resp: 79350

Ion Ratio Lower Upper

225 100

223 65.5 49.7 74.5

227 64.5 53.2 79.8



#34

Caprolactam

Concen: 25.610 ng/ul

RT: 11.625 min Scan# 1453

Delta R.T. -0.011 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

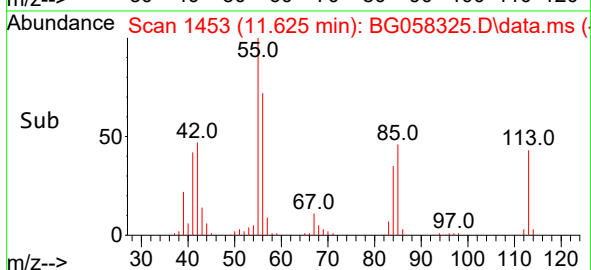
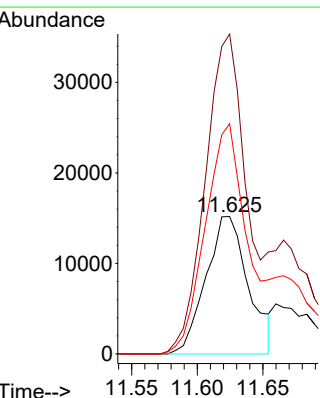
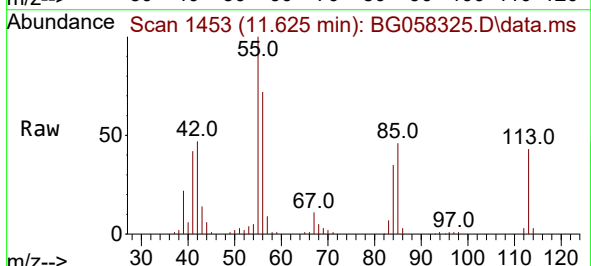
Tgt Ion:113 Resp: 34032

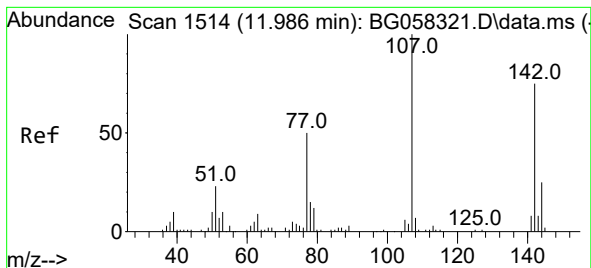
Ion Ratio Lower Upper

113 100

55 232.7 179.8 269.6

56 167.4 132.2 198.4

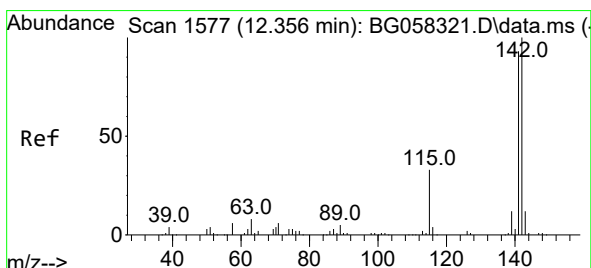
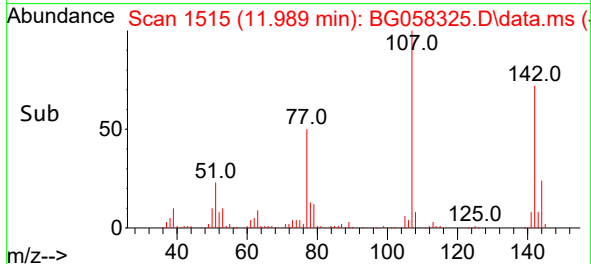
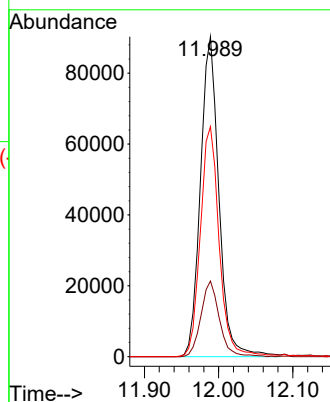
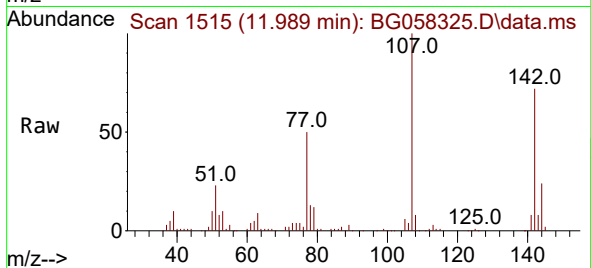




#35
4-Chloro-3-methylphenol
Concen: 38.527 ng/ul
RT: 11.989 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

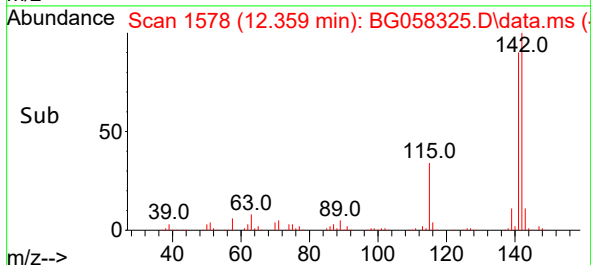
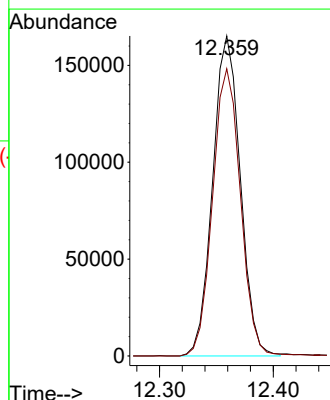
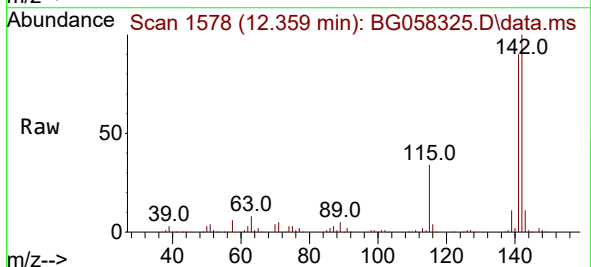
Instrument :
BNA_G
ClientSampleId :

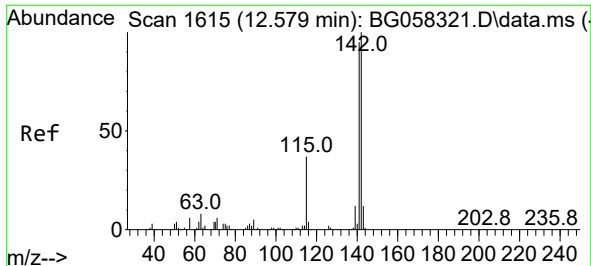
Tgt Ion:107 Resp: 156872
Ion Ratio Lower Upper
107 100
144 23.6 19.0 28.6
142 71.9 55.8 83.6



#36
2-Methylnaphthalene
Concen: 36.248 ng/ul
RT: 12.359 min Scan# 1578
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion:142 Resp: 278947
Ion Ratio Lower Upper
142 100
141 89.8 72.6 108.8





#37

1-Methylnaphthalene

Concen: 35.298 ng/ul

RT: 12.582 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

Instrument :

BNA_G

ClientSampleId :

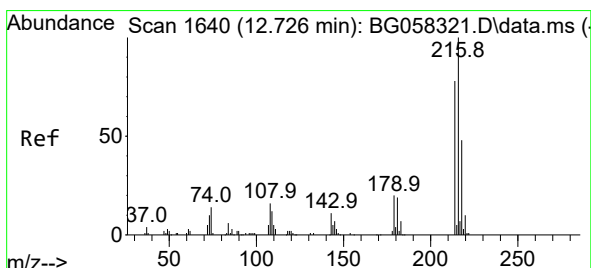
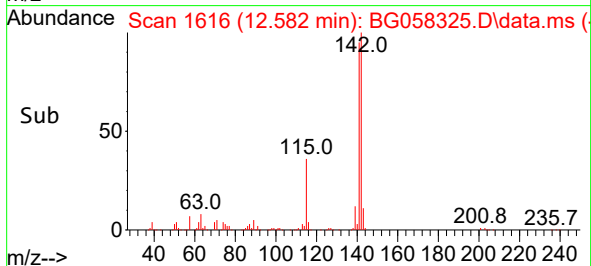
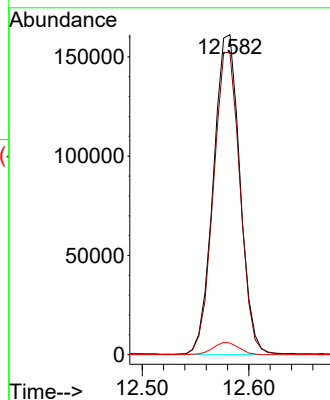
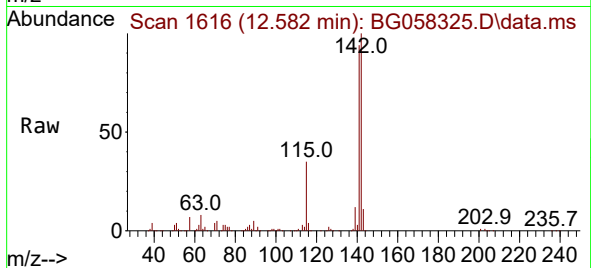
Tgt Ion:142 Resp: 278397

Ion Ratio Lower Upper

142 100

141 94.4 75.8 113.6

116 3.6 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.056 ng/ul

RT: 12.729 min Scan# 1641

Delta R.T. 0.001 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

Tgt Ion:216 Resp: 164386

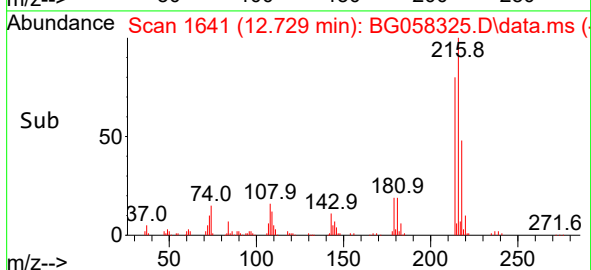
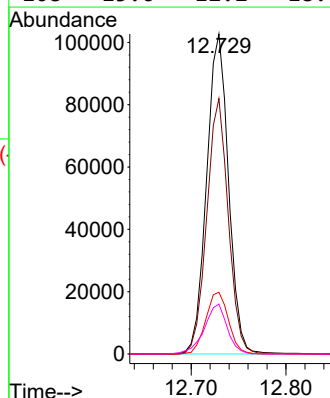
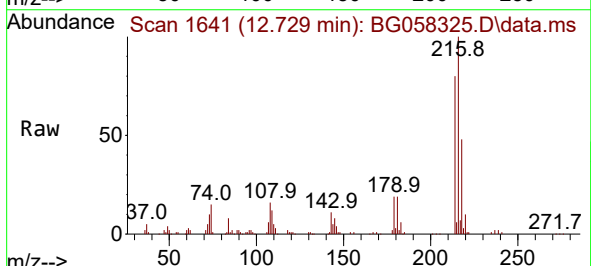
Ion Ratio Lower Upper

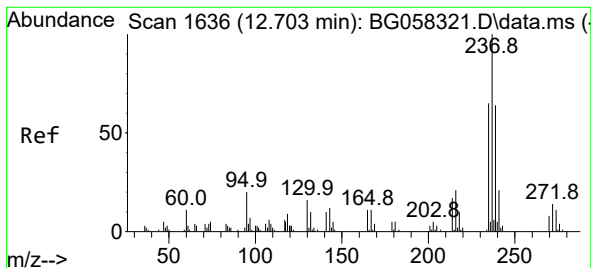
216 100

214 79.8 62.2 93.4

179 19.3 16.2 24.2

108 15.6 12.2 18.4





#40

Hexachlorocyclopentadiene

Concen: 29.827 ng/ul

RT: 12.706 min Scan# 1

Delta R.T. 0.001 min

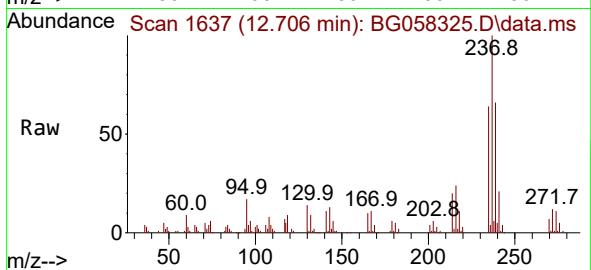
Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

Instrument :

BNA_G

ClientSampleId :



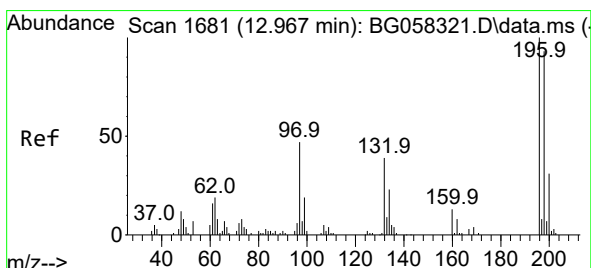
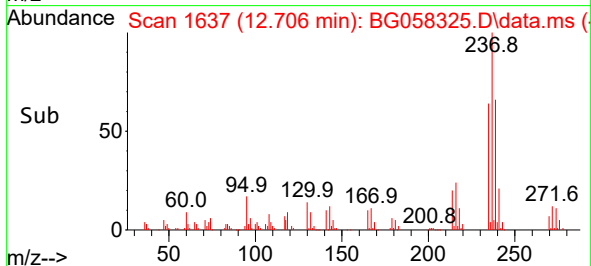
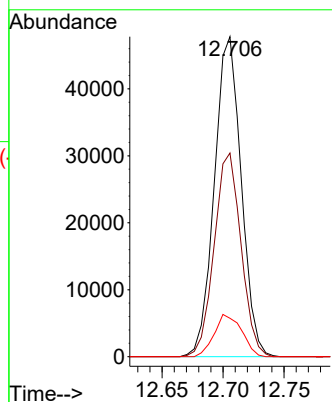
Tgt Ion:237 Resp: 73140

Ion Ratio Lower Upper

237 100

235 63.6 50.9 76.3

272 12.0 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 37.620 ng/ul

RT: 12.970 min Scan# 1682

Delta R.T. 0.001 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

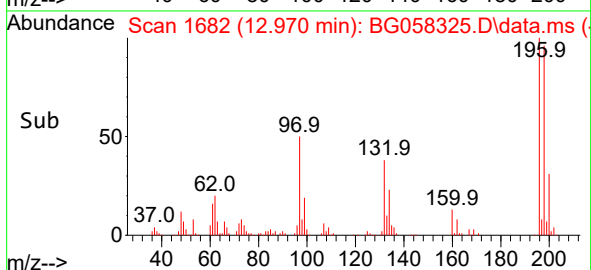
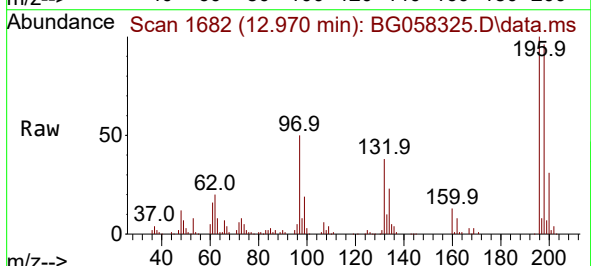
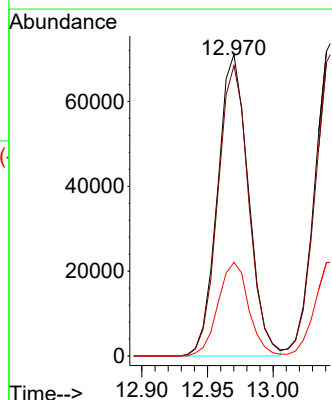
Tgt Ion:196 Resp: 116110

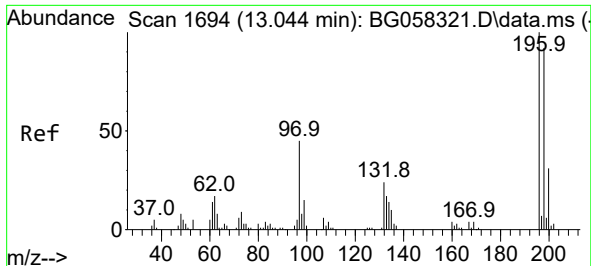
Ion Ratio Lower Upper

196 100

198 96.3 77.7 116.5

200 31.1 25.0 37.6

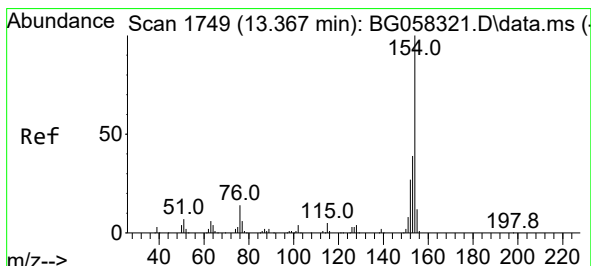
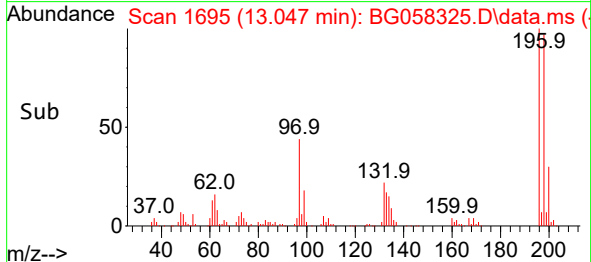
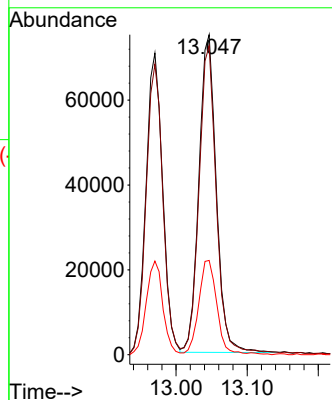
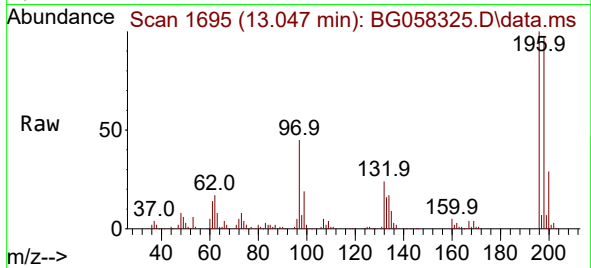




#42
2,4,5-Trichlorophenol
Concen: 38.758 ng/ul
RT: 13.047 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

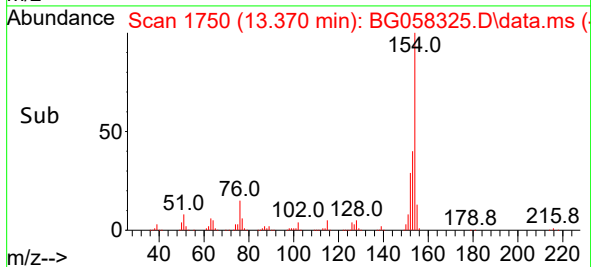
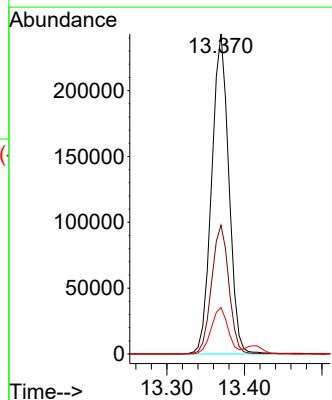
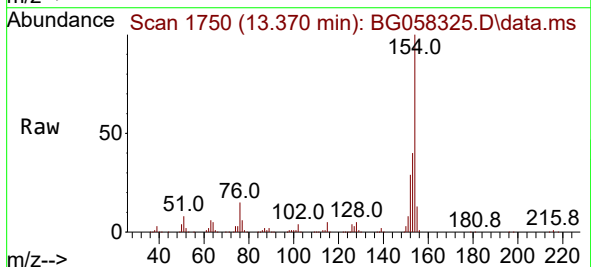
Instrument :
BNA_G
ClientSampleId :

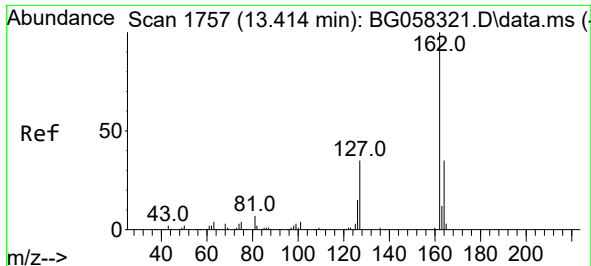
Tgt Ion:196 Resp: 127556
Ion Ratio Lower Upper
196 100
198 96.6 74.8 112.2
200 29.5 24.4 36.6



#43
1,1'-Biphenyl
Concen: 35.112 ng/ul
RT: 13.370 min Scan# 1750
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion:154 Resp: 373944
Ion Ratio Lower Upper
154 100
153 40.2 31.8 47.6
76 14.5 11.7 17.5

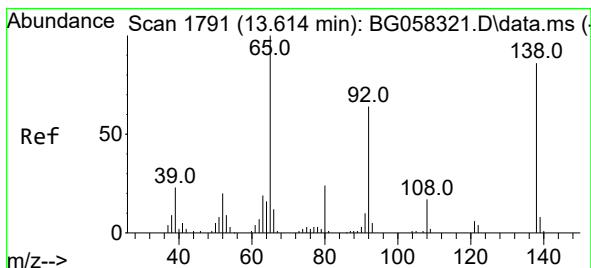
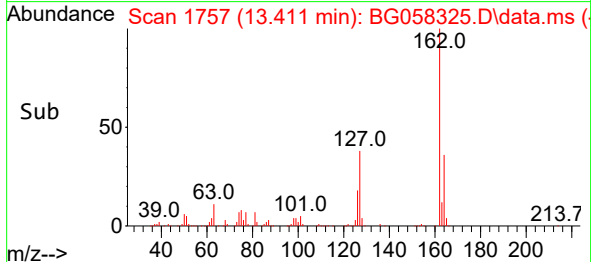
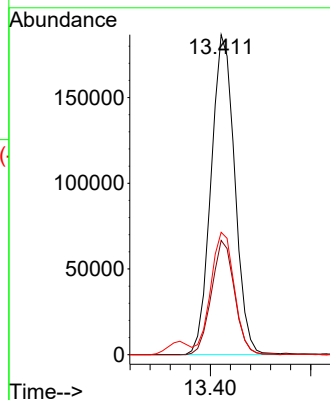
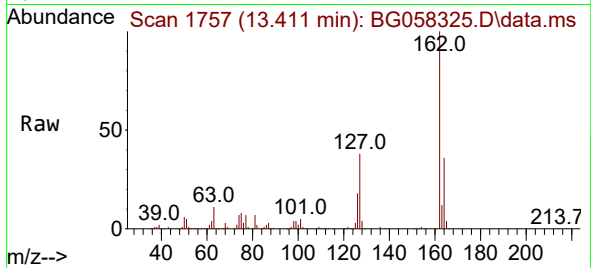




#44
2-Chloronaphthalene
Concen: 36.059 ng/ul
RT: 13.411 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

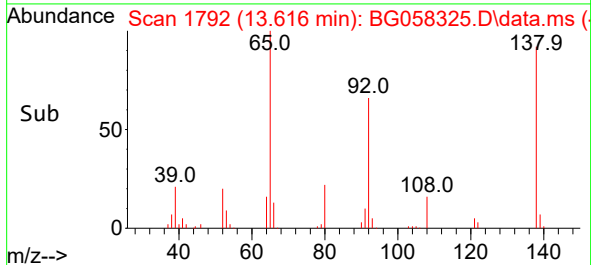
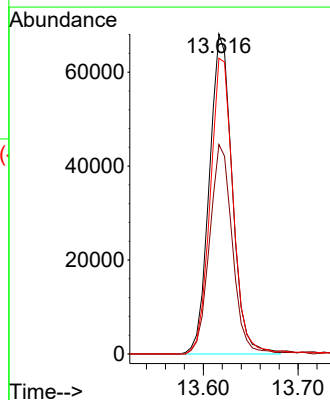
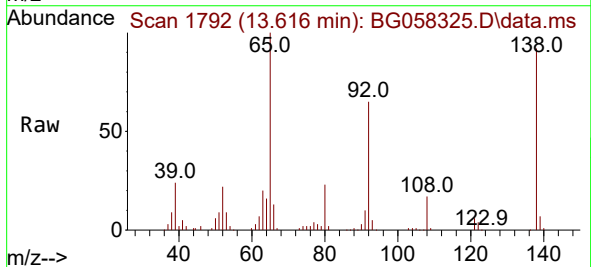
Instrument :
BNA_G
ClientSampleId :

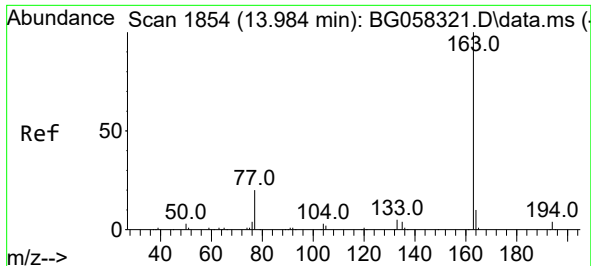
Tgt Ion:162 Resp: 305330
Ion Ratio Lower Upper
162 100
164 35.7 26.2 39.2
127 38.2 29.8 44.6



#45
2-Nitroaniline
Concen: 38.833 ng/ul
RT: 13.616 min Scan# 1792
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

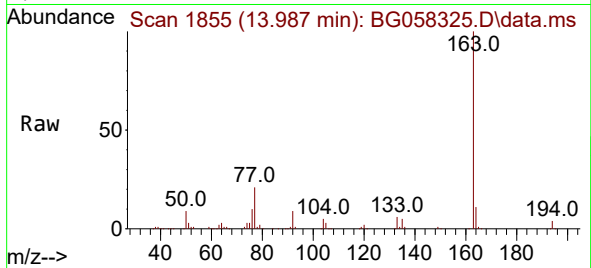
Tgt Ion: 65 Resp: 114217
Ion Ratio Lower Upper
65 100
92 65.5 51.4 77.2
138 92.4 71.6 107.4



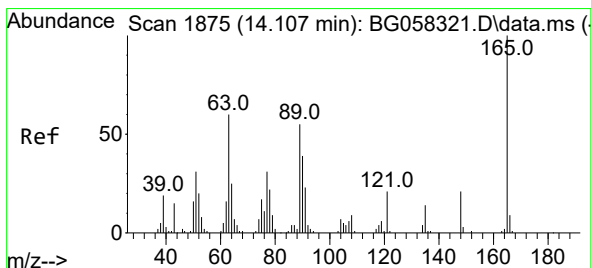
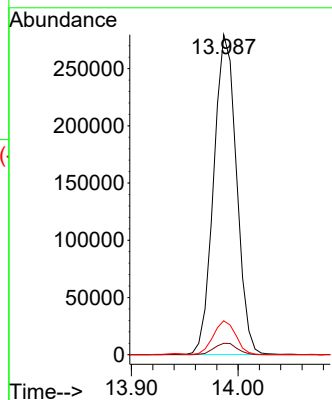
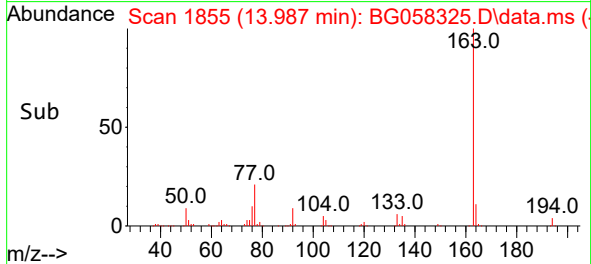


#47
Dimethylphthalate
Concen: 34.007 ng/ul
RT: 13.987 min Scan# 1855
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

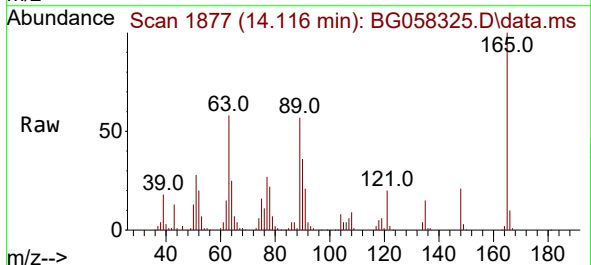
Instrument :
BNA_G
ClientSampleId :



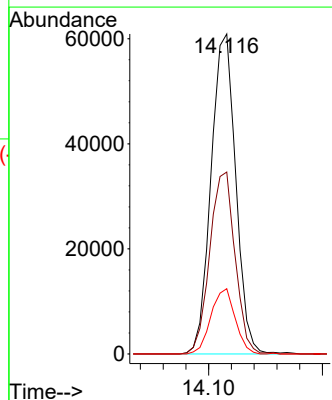
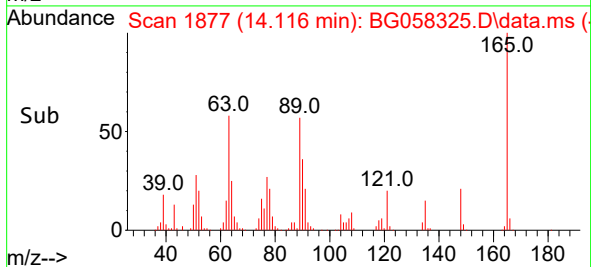
Tgt Ion:163 Resp: 414856
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 10.6 8.2 12.2

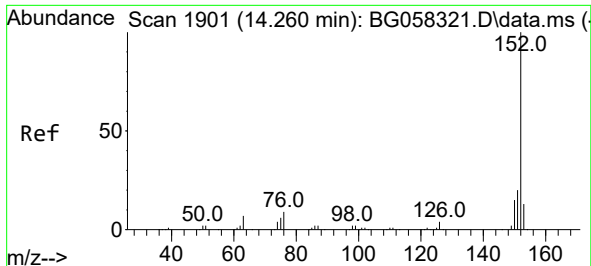


#48
2,6-Dinitrotoluene
Concen: 38.944 ng/ul
RT: 14.116 min Scan# 1877
Delta R.T. 0.007 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46



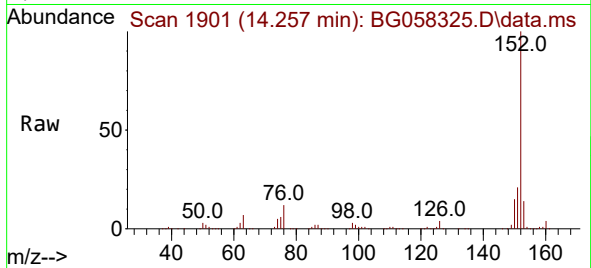
Tgt Ion:165 Resp: 91804
Ion Ratio Lower Upper
165 100
89 56.9 48.9 73.3
121 20.4 16.2 24.4



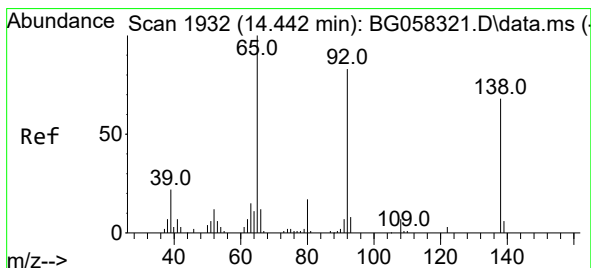
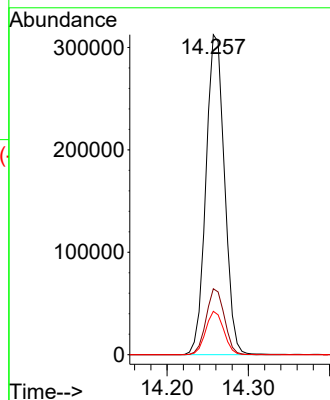
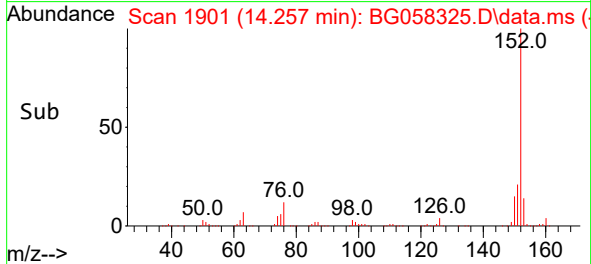


#50
Acenaphthylene
Concen: 36.069 ng/ul
RT: 14.257 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

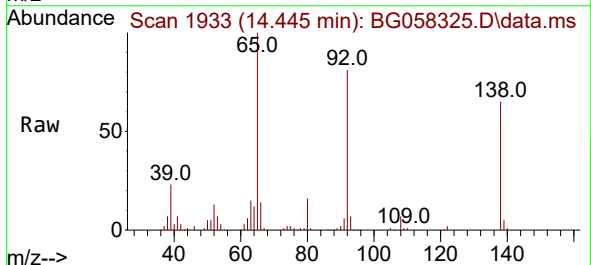
Instrument :
BNA_G
ClientSampleId :



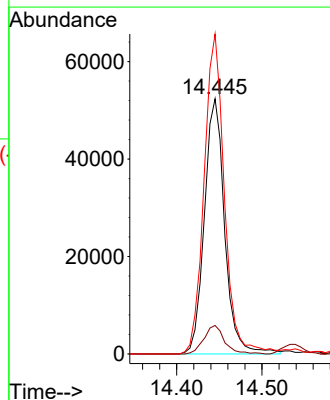
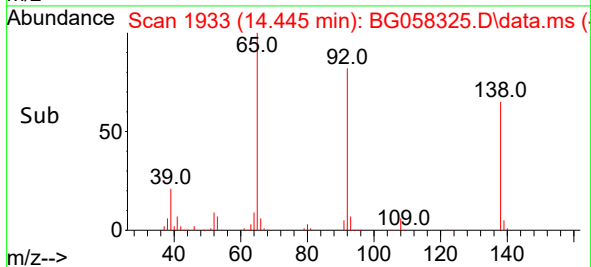
Tgt Ion:152 Resp: 495528
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.6 10.6 16.0

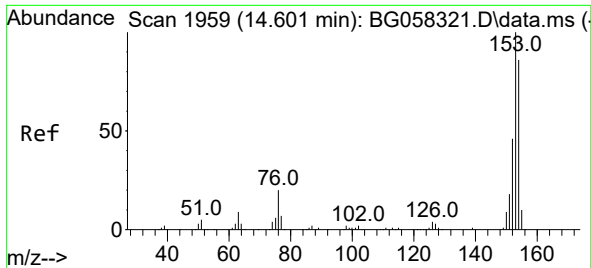


#51
3-Nitroaniline
Concen: 44.148 ng/ul
RT: 14.445 min Scan# 1933
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46



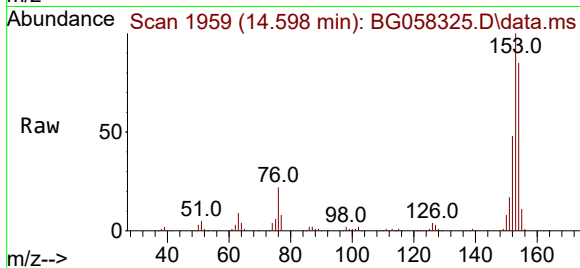
Tgt Ion:138 Resp: 86730
Ion Ratio Lower Upper
138 100
108 11.2 8.6 13.0
92 125.4 108.4 162.6



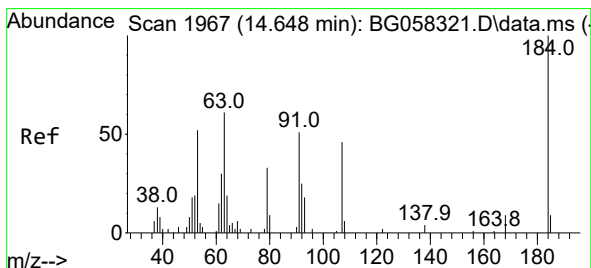
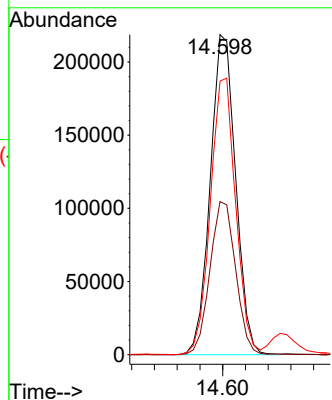
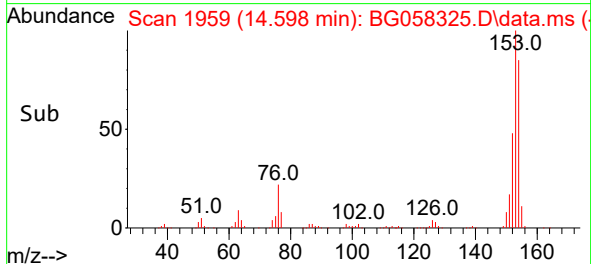


#52
Acenaphthene
Concen: 35.615 ng/ul
RT: 14.598 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

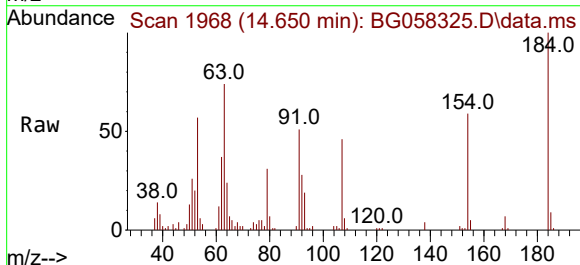
Instrument :
BNA_G
ClientSampleId :



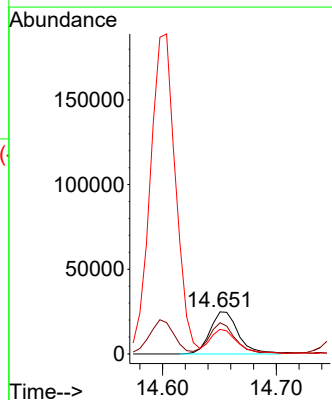
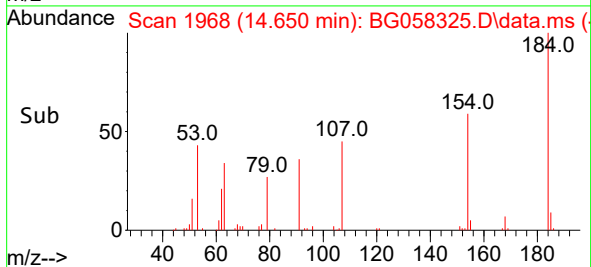
Tgt Ion:153 Resp: 339720
Ion Ratio Lower Upper
153 100
152 47.8 39.1 58.7
154 85.5 68.7 103.1

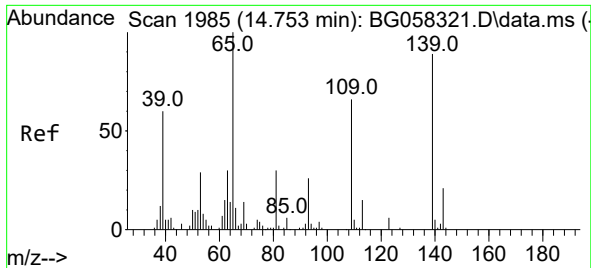


#53
2,4-Dinitrophenol
Concen: 34.211 ng/ul
RT: 14.650 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46



Tgt Ion:184 Resp: 42921
Ion Ratio Lower Upper
184 100
63 74.3 52.9 79.3
154 58.6 47.8 71.8

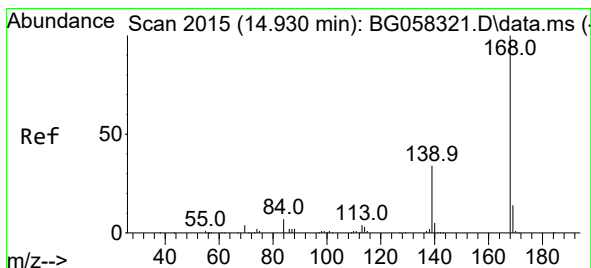
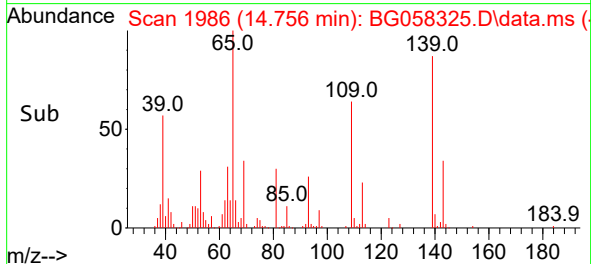
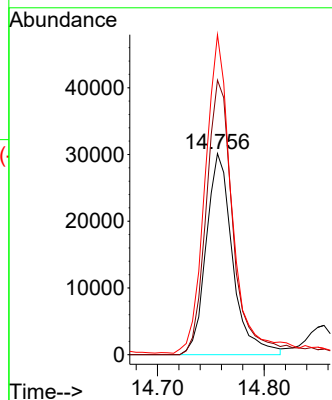
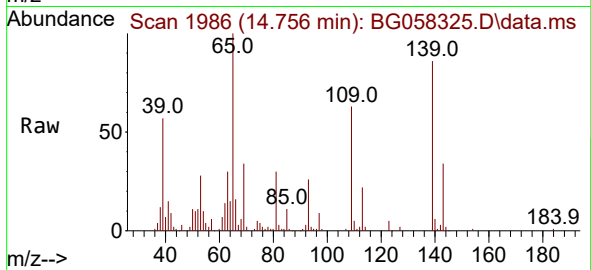




#55
4-Nitrophenol
Concen: 36.837 ng/ul
RT: 14.756 min Scan# 1985
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

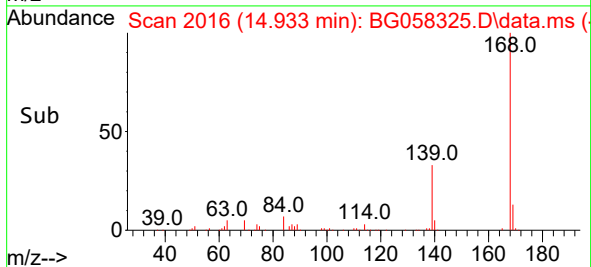
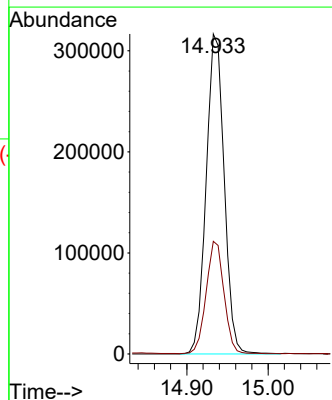
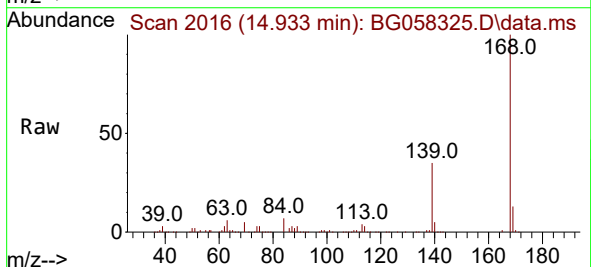
Instrument :
BNA_G
ClientSampleId :

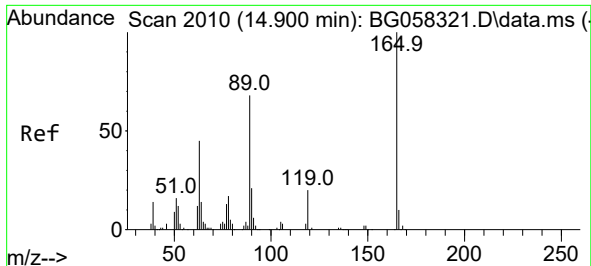
Tgt Ion:109 Resp: 52035
Ion Ratio Lower Upper
109 100
139 136.5 100.3 150.5
65 159.1 120.6 180.8



#56
Dibenzofuran
Concen: 35.836 ng/ul
RT: 14.933 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion:168 Resp: 486717
Ion Ratio Lower Upper
168 100
139 35.2 27.8 41.8





#57

2,4-Dinitrotoluene

Concen: 38.391 ng/ul

RT: 14.903 min Scan# 2010

Delta R.T. 0.001 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

Instrument :

BNA_G

ClientSampleId :

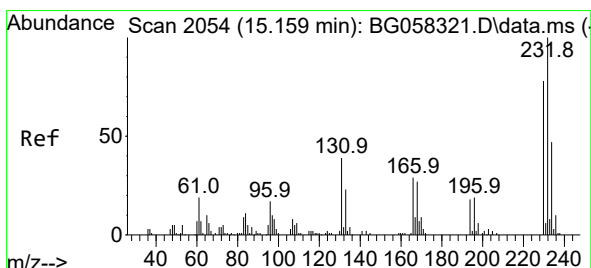
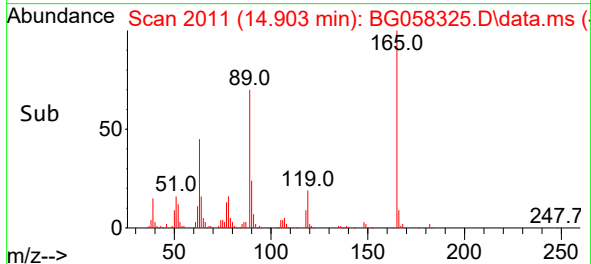
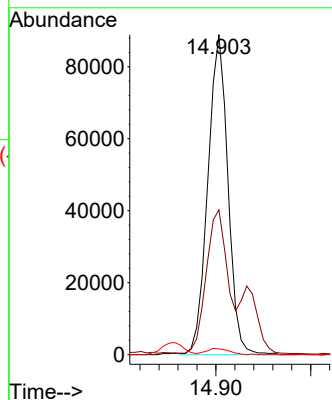
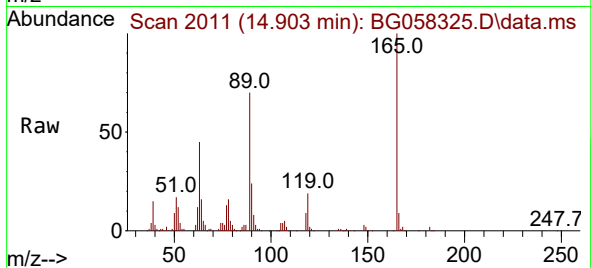
Tgt Ion:165 Resp: 130529

Ion Ratio Lower Upper

165 100

63 45.2 33.8 50.6

182 1.8 1.2 1.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.399 ng/ul

RT: 15.162 min Scan# 2055

Delta R.T. 0.001 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

Tgt Ion:232 Resp: 113719

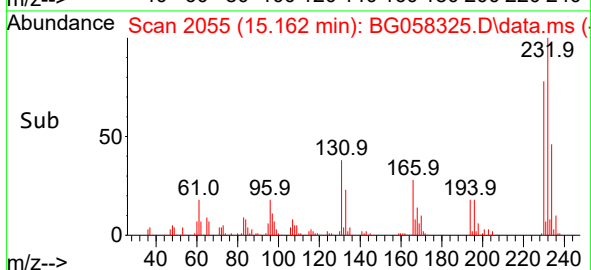
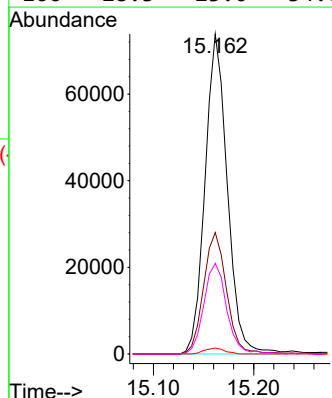
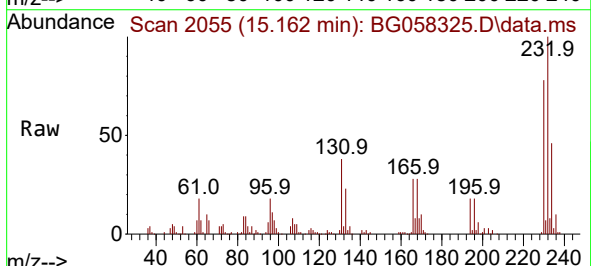
Ion Ratio Lower Upper

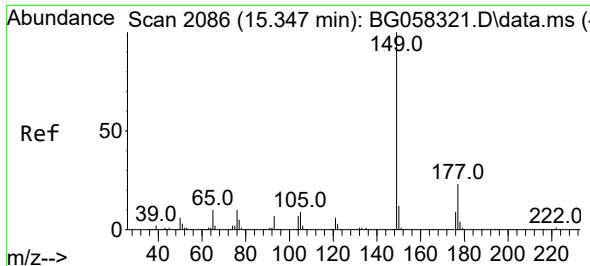
232 100

131 38.0 29.0 43.6

130 1.8 1.1 1.7#

166 28.3 23.0 34.6

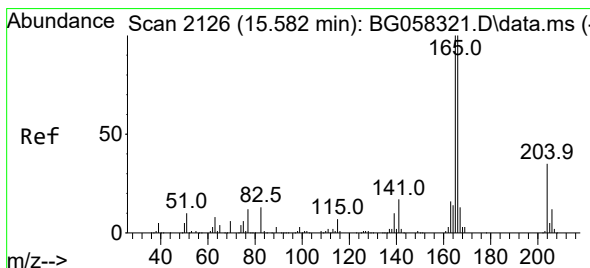
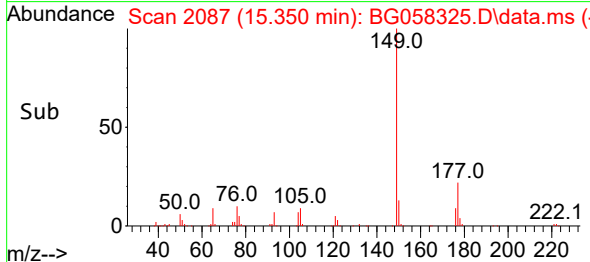
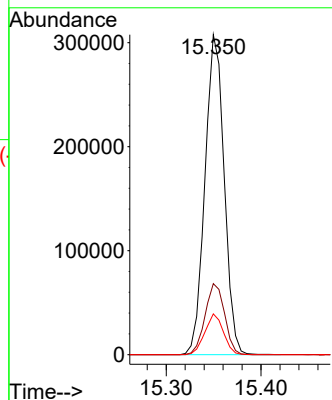
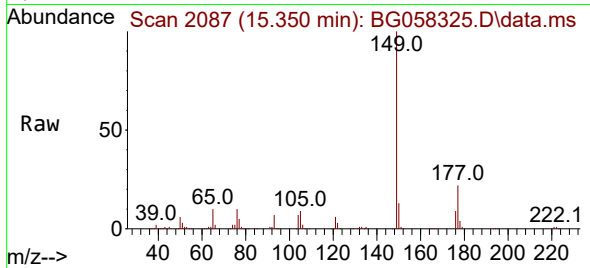




#59
Diethylphthalate
Concen: 34.459 ng/ul
RT: 15.350 min Scan# 2086
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

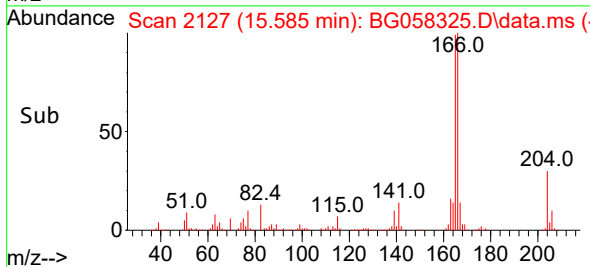
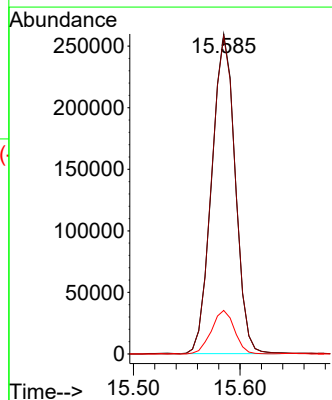
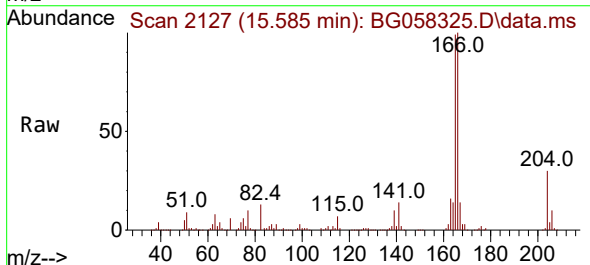
Instrument :
BNA_G
ClientSampleId :

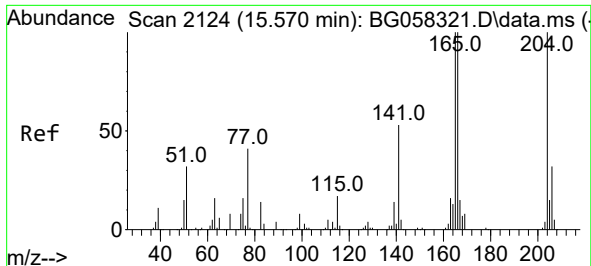
Tgt Ion:149 Resp: 433065
Ion Ratio Lower Upper
149 100
177 22.2 18.4 27.6
150 12.8 10.0 15.0



#61
Fluorene
Concen: 35.615 ng/ul
RT: 15.585 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion:166 Resp: 396683
Ion Ratio Lower Upper
166 100
165 99.4 80.2 120.2
167 13.6 10.5 15.7

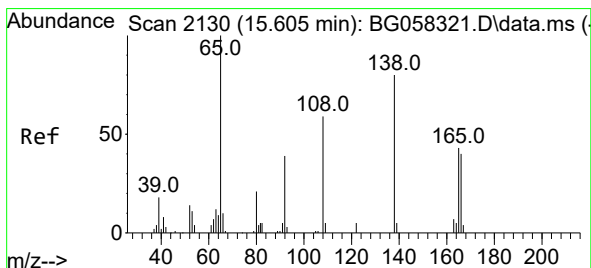
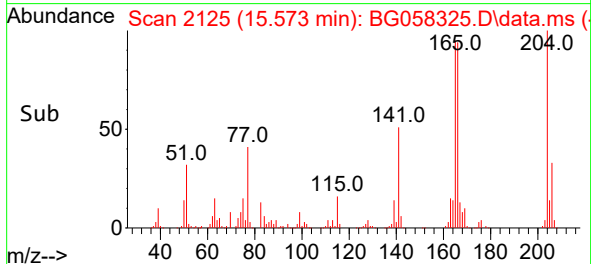
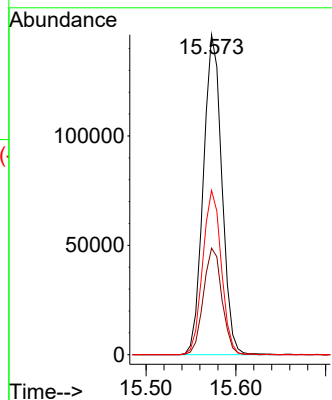
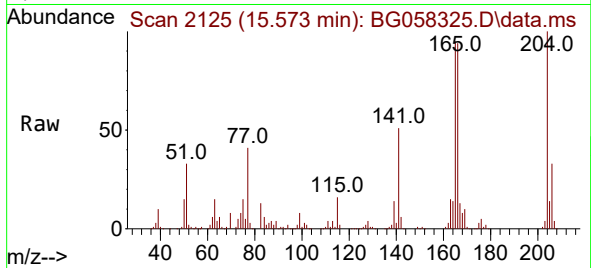




#62
4-Chlorophenyl-phenylether
Concen: 35.434 ng/ul
RT: 15.573 min Scan# 2124
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

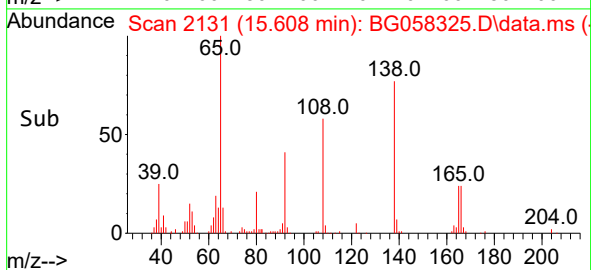
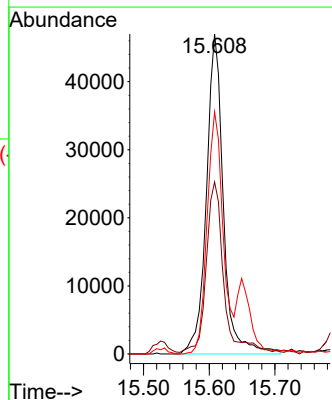
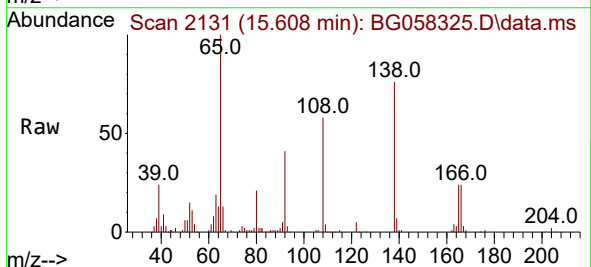
Instrument :
BNA_G
ClientSampleId :

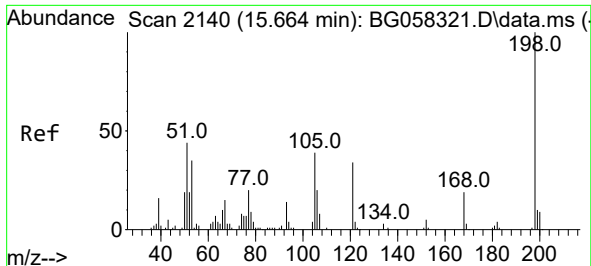
Tgt Ion:204 Resp: 209519
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 51.4 42.2 63.2



#63
4-Nitroaniline
Concen: 47.712 ng/ul
RT: 15.608 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

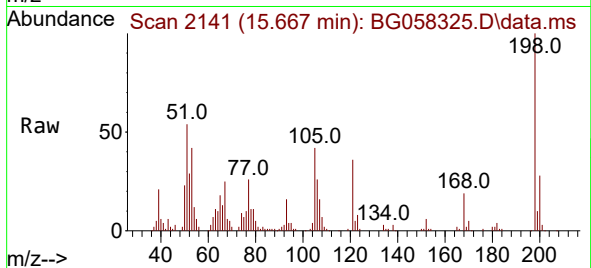
Tgt Ion:138 Resp: 84813
Ion Ratio Lower Upper
138 100
92 53.8 45.0 67.4
108 75.7 60.8 91.2



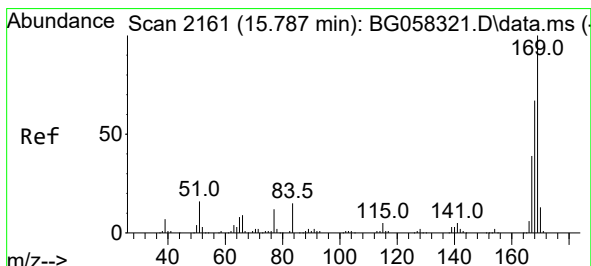
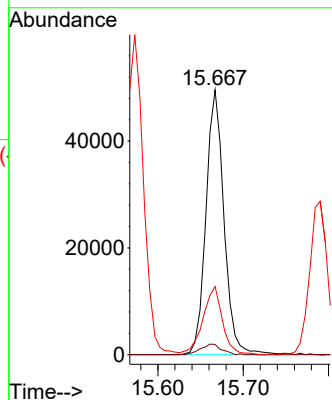
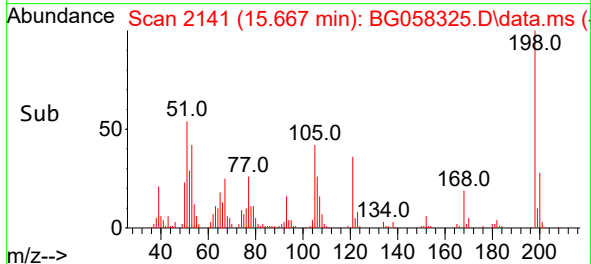


#66
4,6-Dinitro-2-methylphenol
Concen: 37.265 ng/ul
RT: 15.667 min Scan# 2141
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

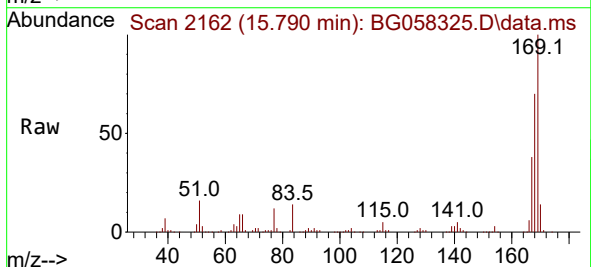
Instrument :
BNA_G
ClientSampleId :



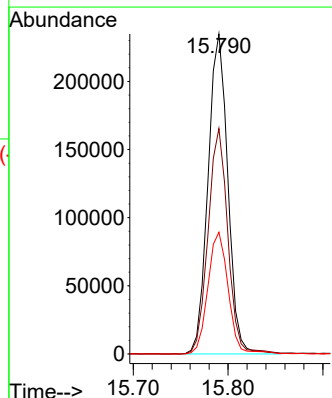
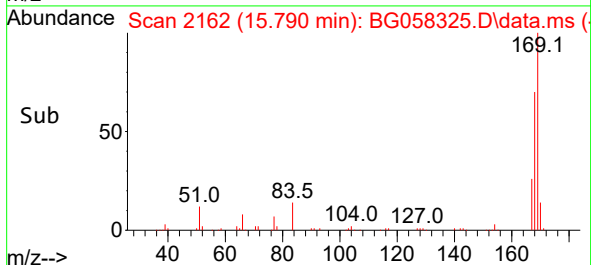
Tgt Ion:198 Resp: 72727
Ion Ratio Lower Upper
198 100
182 3.8 3.4 5.2
77 25.7 18.4 27.6

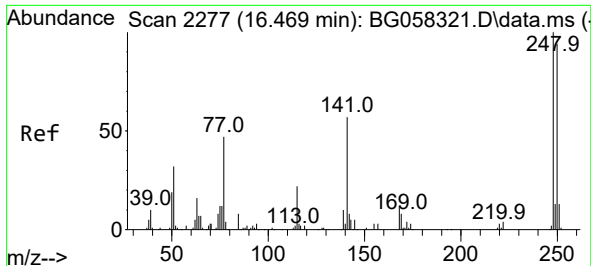


#67
N-Nitrosodiphenylamine
Concen: 36.841 ng/ul
RT: 15.790 min Scan# 2162
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46



Tgt Ion:169 Resp: 340012
Ion Ratio Lower Upper
169 100
168 70.5 55.7 83.5
167 38.0 31.2 46.8

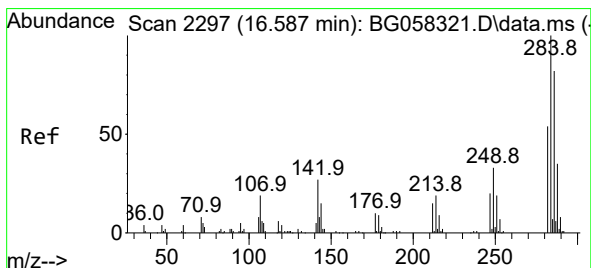
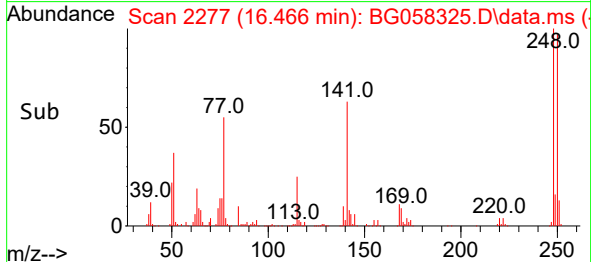
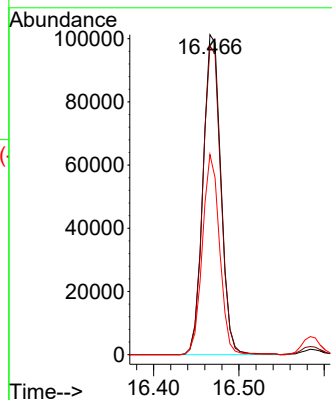
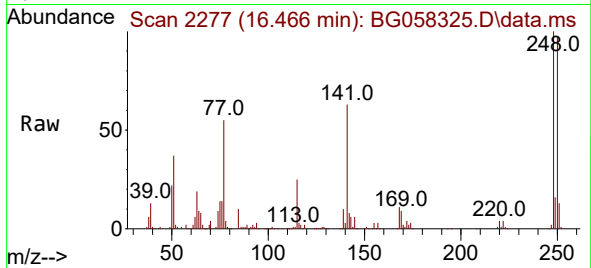




#68
4-Bromophenyl-phenylether
Concen: 37.362 ng/ul
RT: 16.466 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

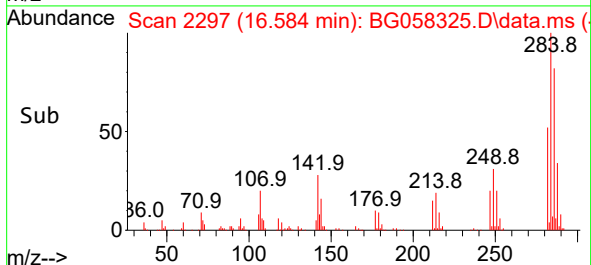
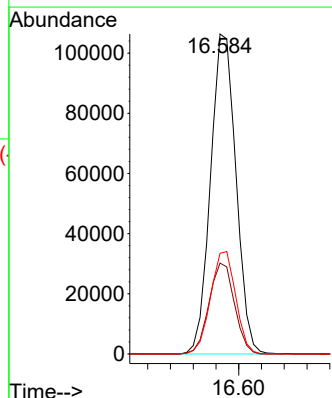
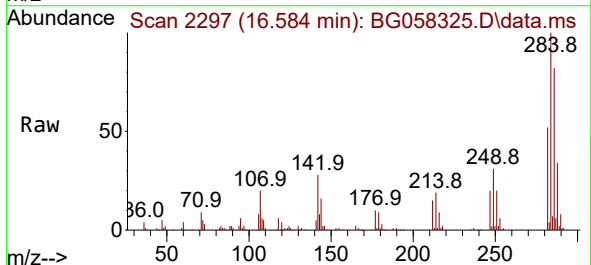
Instrument :
BNA_G
ClientSampleId :

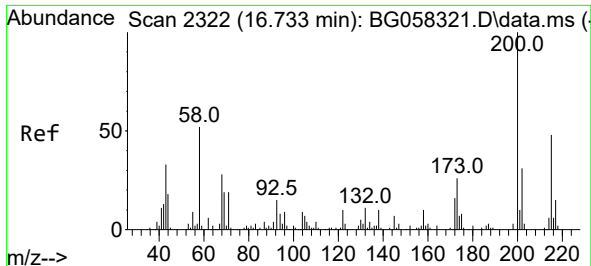
Tgt Ion:248 Resp: 147341
Ion Ratio Lower Upper
248 100
250 96.5 73.8 110.6
141 62.6 48.2 72.2



#69
Hexachlorobenzene
Concen: 37.122 ng/ul
RT: 16.584 min Scan# 2297
Delta R.T. -0.005 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion:284 Resp: 165190
Ion Ratio Lower Upper
284 100
142 28.4 20.5 30.7
249 31.4 25.2 37.8

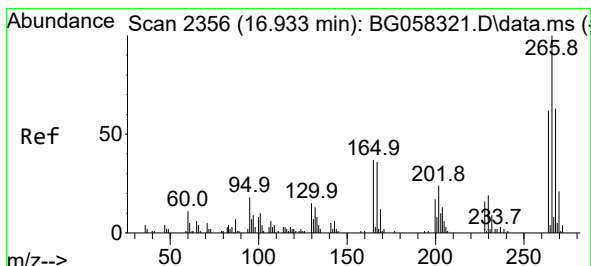
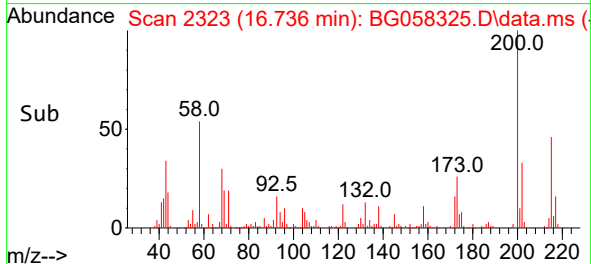
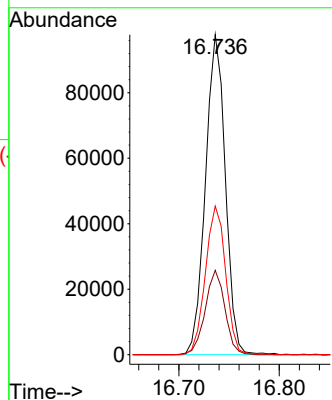
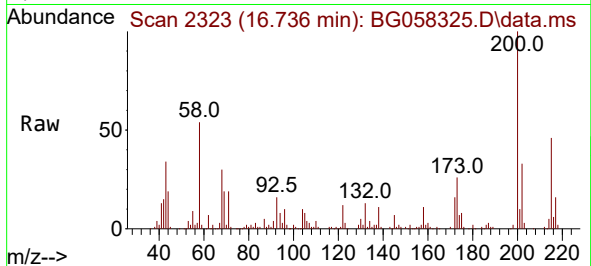




#70
 Atrazine
 Concen: 37.313 ng/ul
 RT: 16.736 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058325.D
 Acq: 19 Jul 2023 11:46

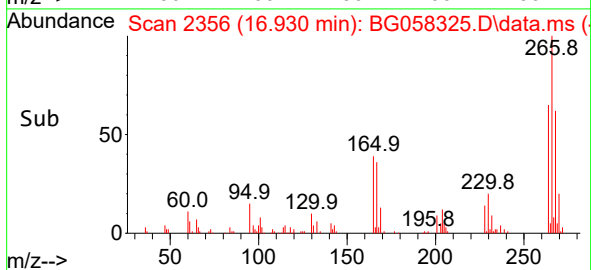
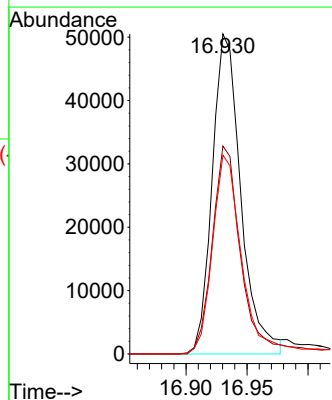
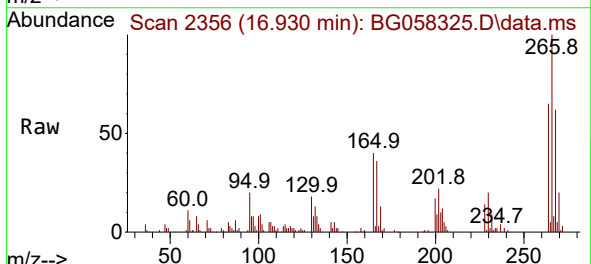
Instrument :
 BNA_G
 ClientSampleId :

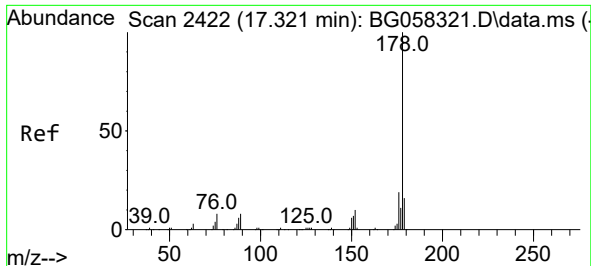
Tgt Ion:200 Resp: 135017
 Ion Ratio Lower Upper
 200 100
 173 26.4 19.8 29.8
 215 46.4 36.2 54.4



#71
 Pentachlorophenol
 Concen: 33.018 ng/ul
 RT: 16.930 min Scan# 2356
 Delta R.T. 0.001 min
 Lab File: BG058325.D
 Acq: 19 Jul 2023 11:46

Tgt Ion:266 Resp: 82473
 Ion Ratio Lower Upper
 266 100
 264 65.0 46.6 70.0
 268 62.1 47.6 71.4

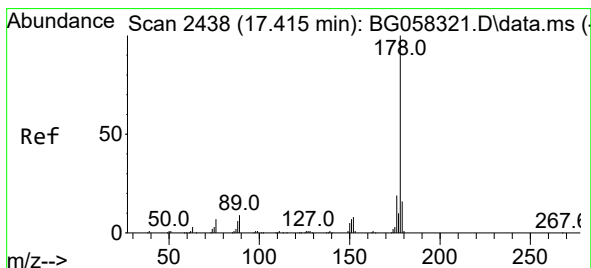
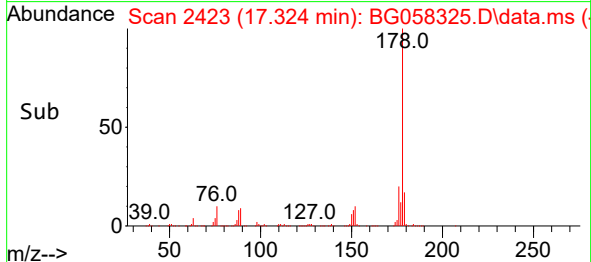
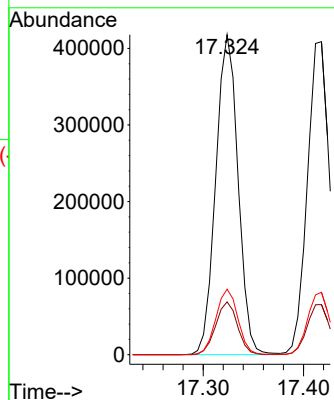
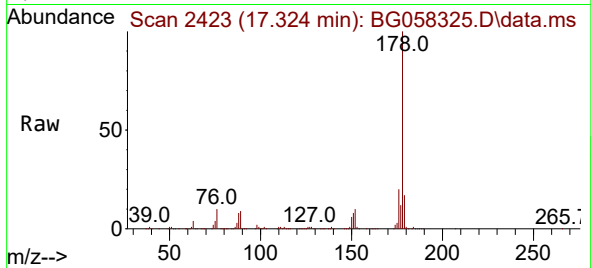




#72
Phenanthrene
Concen: 36.446 ng/ul
RT: 17.324 min Scan# 2422
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

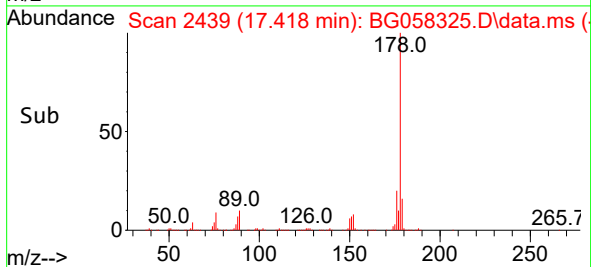
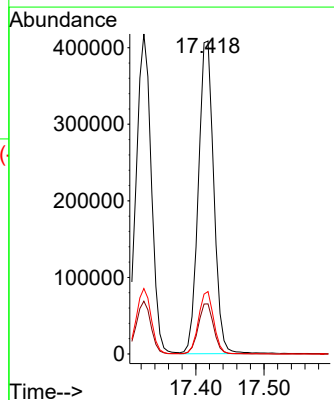
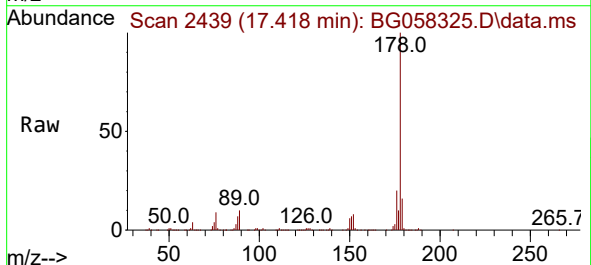
Instrument :
BNA_G
ClientSampleId :

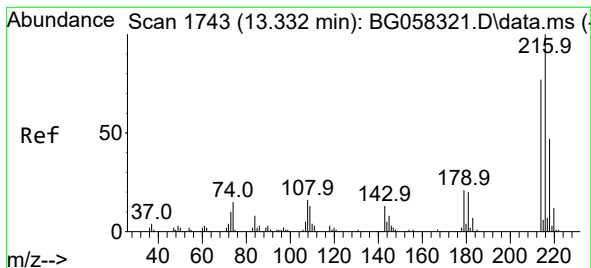
Tgt Ion:178 Resp: 644868
Ion Ratio Lower Upper
178 100
179 16.5 11.9 17.9
176 20.4 15.8 23.8



#74
Anthracene
Concen: 36.046 ng/ul
RT: 17.418 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion:178 Resp: 640269
Ion Ratio Lower Upper
178 100
179 16.0 13.4 20.2
176 19.9 16.2 24.2

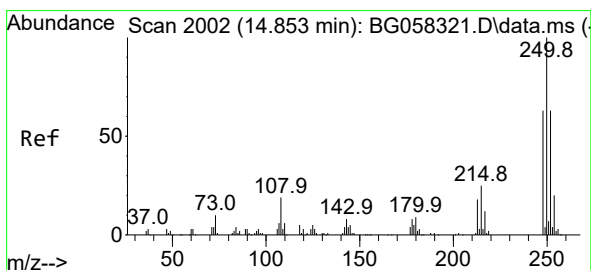
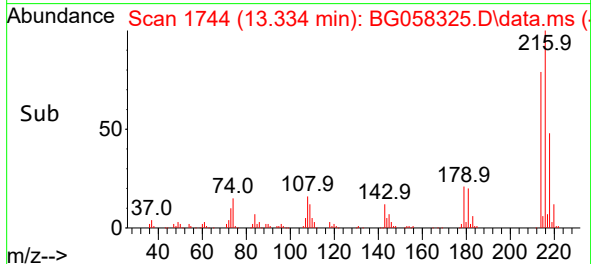
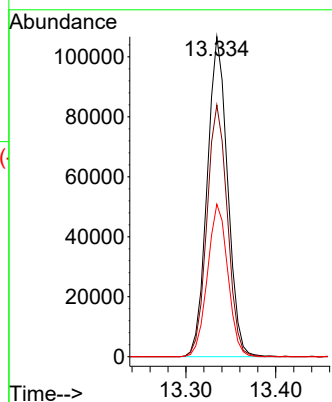
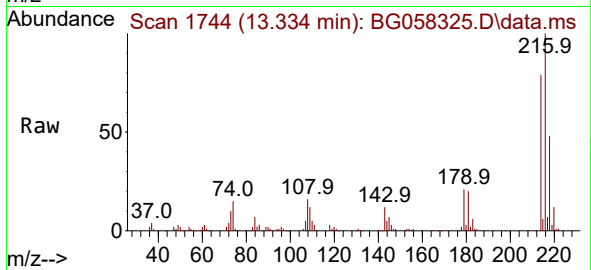




#75
1,2,3,4-Tetrachlorobenzene
Concen: 36.070 ng/uL
RT: 13.334 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

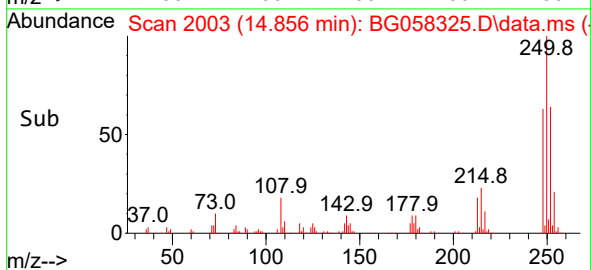
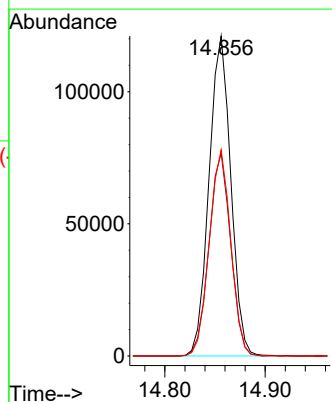
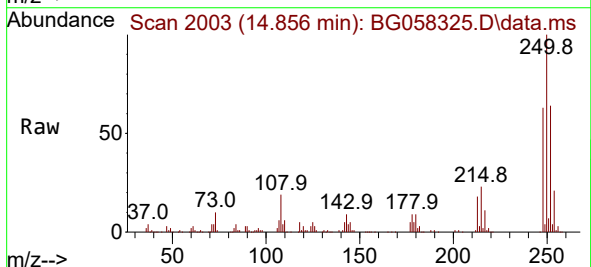
Instrument :
BNA_G
ClientSampleId :

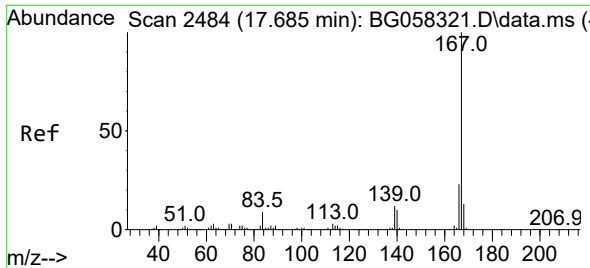
Tgt Ion:216 Resp: 168453
Ion Ratio Lower Upper
216 100
214 78.7 62.2 93.4
218 47.6 40.9 61.3



#76
Pentachlorobenzene
Concen: 35.710 ng/uL
RT: 14.856 min Scan# 2003
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

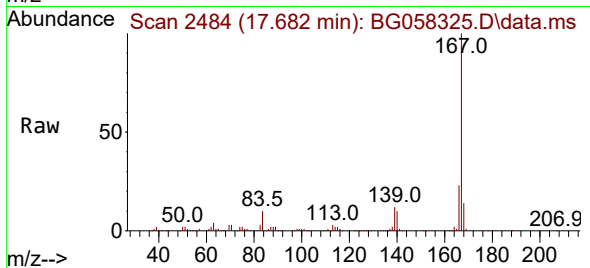
Tgt Ion:250 Resp: 182372
Ion Ratio Lower Upper
250 100
248 63.4 51.6 77.4
252 64.4 54.4 81.6



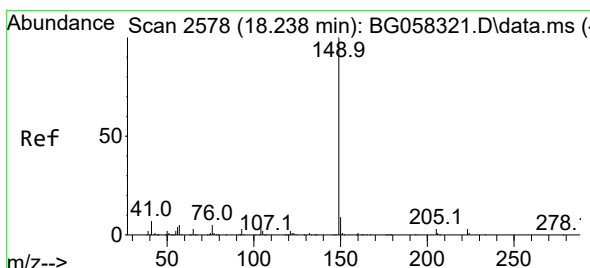
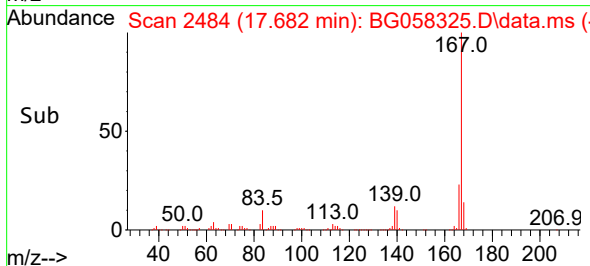
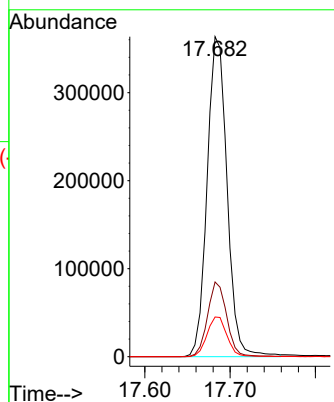


#77
 Carbazole
 Concen: 38.372 ng/ul
 RT: 17.682 min Scan# 2484
 Delta R.T. 0.001 min
 Lab File: BG058325.D
 Acq: 19 Jul 2023 11:46

Instrument :
 BNA_G
 ClientSampleId :

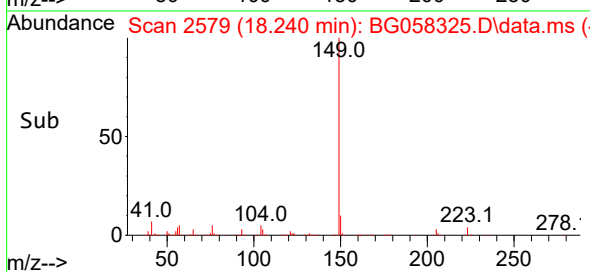
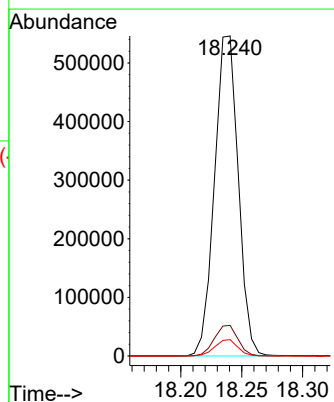
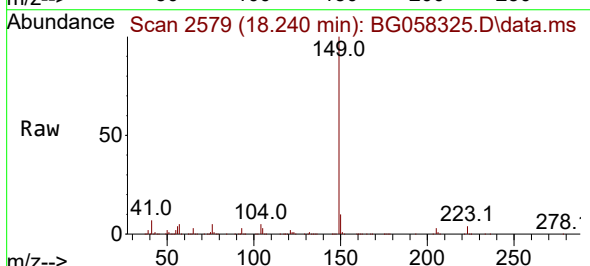


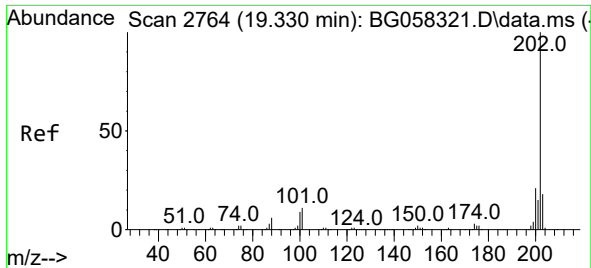
Tgt Ion:167 Resp: 590835
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.8 26.8
 139 12.4 9.4 14.0



#78
 Di-n-butylphthalate
 Concen: 37.887 ng/ul
 RT: 18.240 min Scan# 2579
 Delta R.T. 0.001 min
 Lab File: BG058325.D
 Acq: 19 Jul 2023 11:46

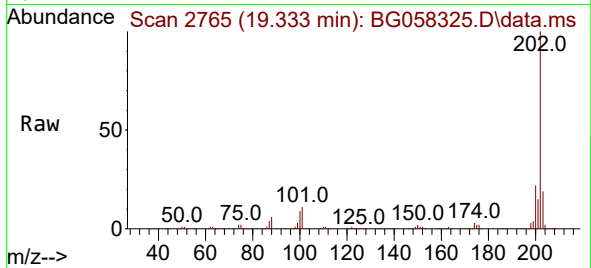
Tgt Ion:149 Resp: 741284
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.2 10.8
 104 5.1 3.9 5.9



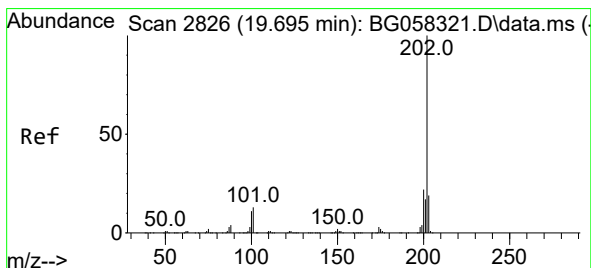
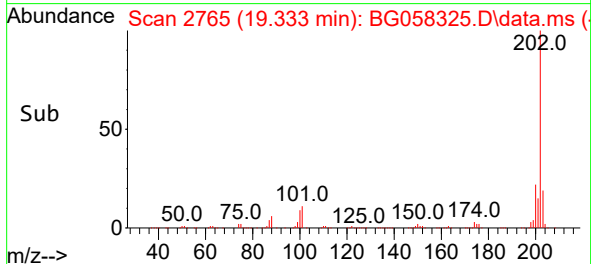
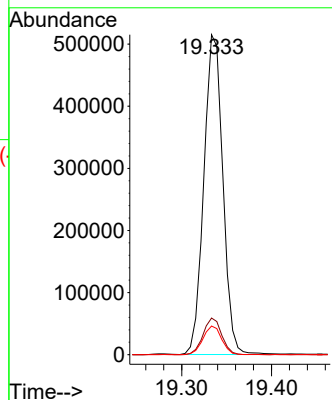


#80
Fluoranthene
Concen: 37.258 ng/ul
RT: 19.333 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Instrument :
BNA_G
ClientSampleId :

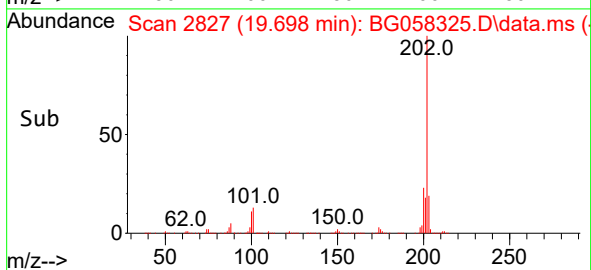
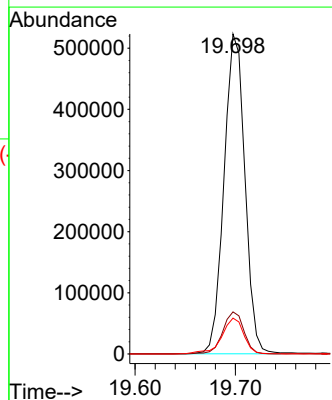
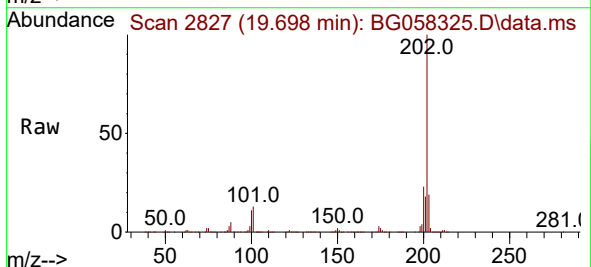


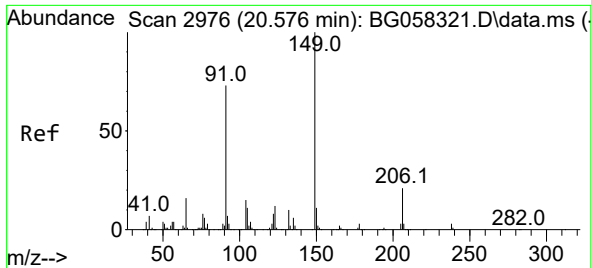
Tgt Ion:202 Resp: 758240
Ion Ratio Lower Upper
202 100
101 11.4 8.6 12.8
100 9.0 7.2 10.8



#82
Pyrene
Concen: 36.611 ng/ul
RT: 19.698 min Scan# 2827
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion:202 Resp: 754924
Ion Ratio Lower Upper
202 100
101 13.1 10.2 15.2
100 11.2 8.9 13.3

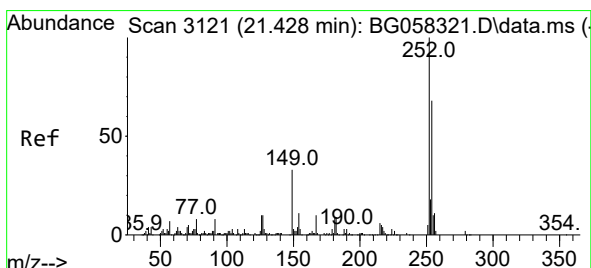
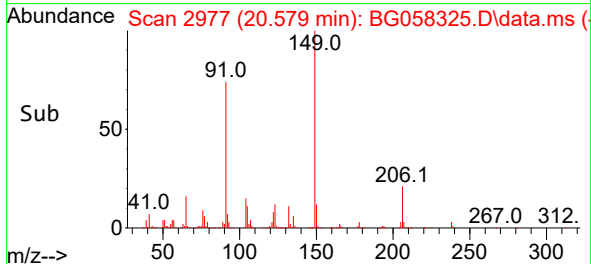
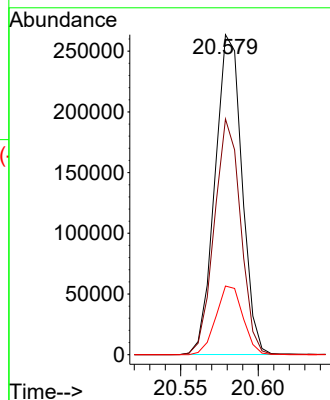
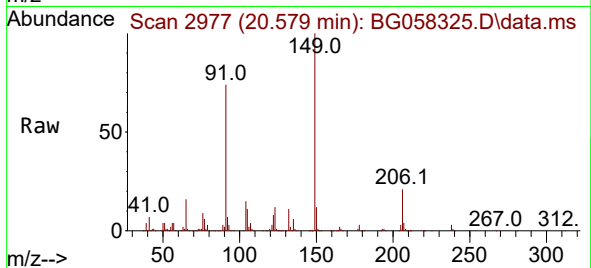




#83
Butylbenzylphthalate
Concen: 39.301 ng/ul
RT: 20.579 min Scan# 2977
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

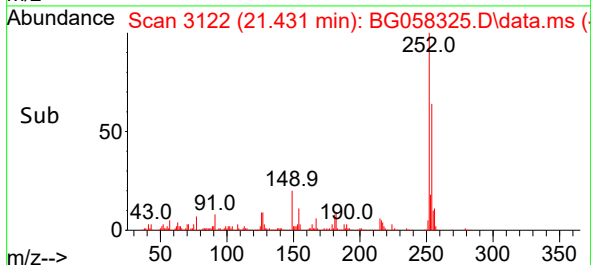
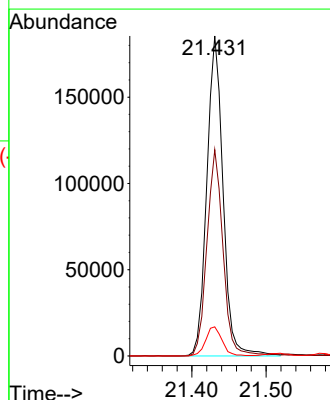
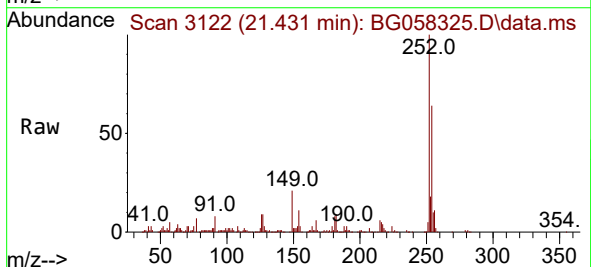
Instrument :
BNA_G
ClientSampleId :

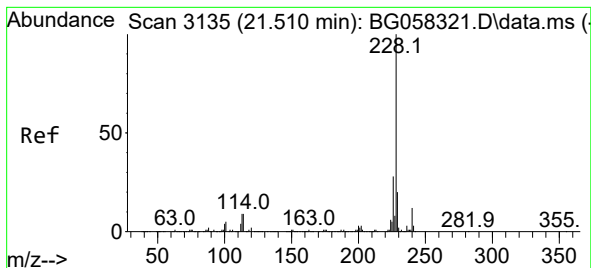
Tgt Ion:149 Resp: 319109
Ion Ratio Lower Upper
149 100
91 73.6 59.9 89.9
206 21.4 16.9 25.3



#84
3,3'-Dichlorobenzidine
Concen: 42.089 ng/ul
RT: 21.431 min Scan# 3122
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion:252 Resp: 282588
Ion Ratio Lower Upper
252 100
254 64.5 50.5 75.7
126 9.1 6.5 9.7





#85

Benzo(a)anthracene

Concen: 36.809 ng/ul

RT: 21.513 min Scan# 3119

Delta R.T. 0.001 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

Instrument :

BNA_G

ClientSampleId :

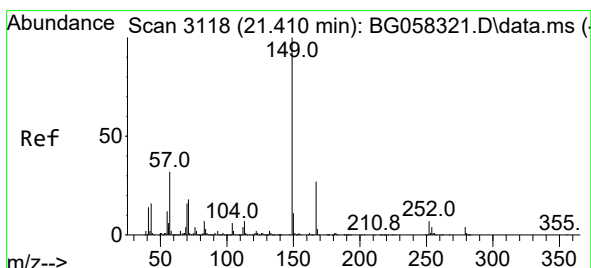
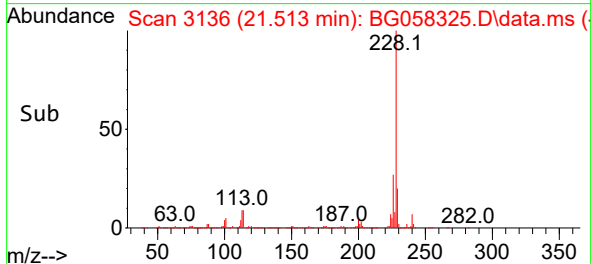
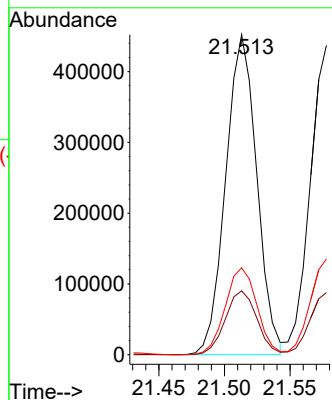
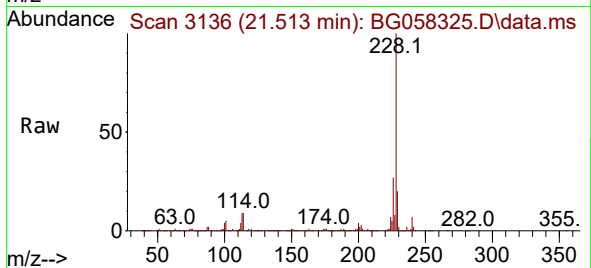
Tgt Ion:228 Resp: 744131

Ion Ratio Lower Upper

228 100

229 20.0 15.7 23.5

226 27.2 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 39.003 ng/ul

RT: 21.413 min Scan# 3119

Delta R.T. 0.001 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

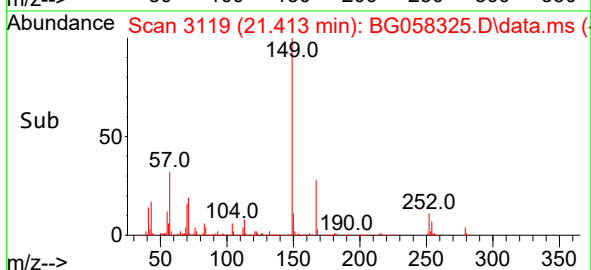
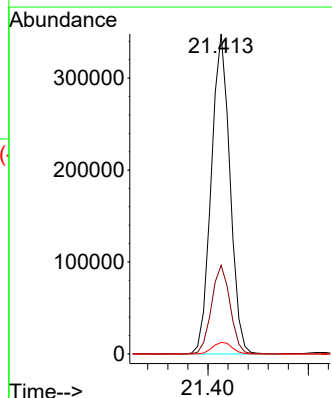
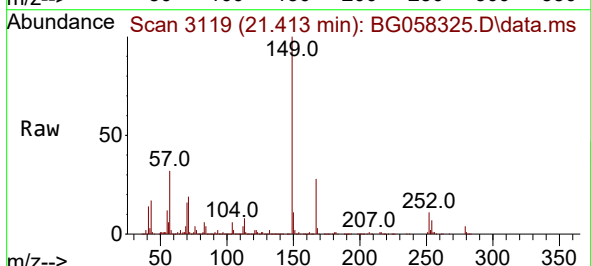
Tgt Ion:149 Resp: 450442

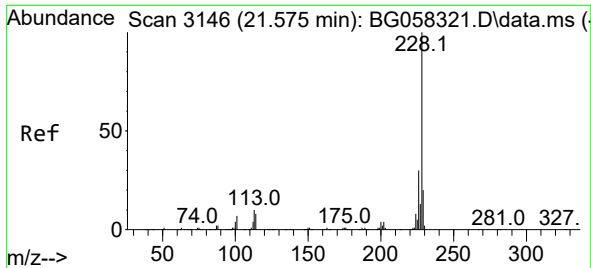
Ion Ratio Lower Upper

149 100

167 27.7 21.6 32.4

279 3.6 3.0 4.4

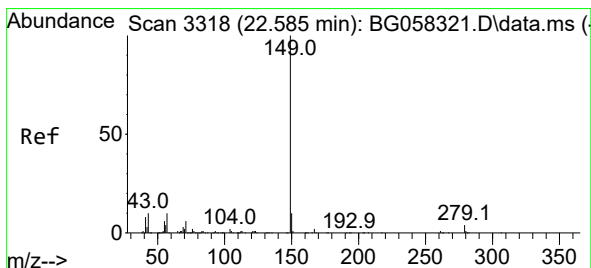
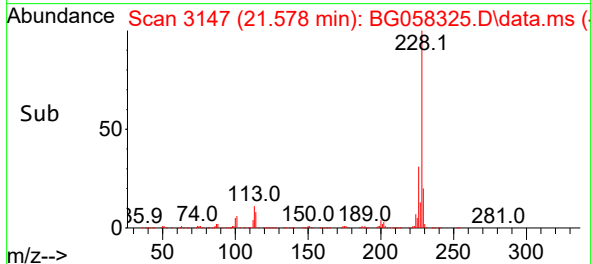
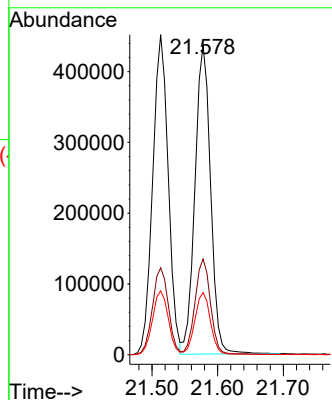
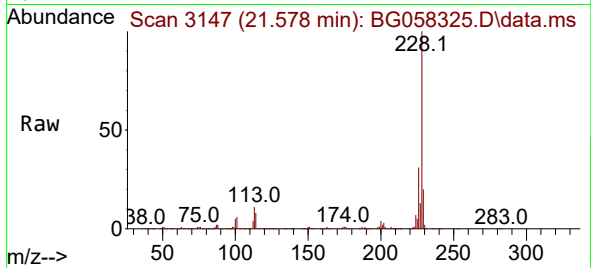




#87
Chrysene
Concen: 37.824 ng/ul
RT: 21.578 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

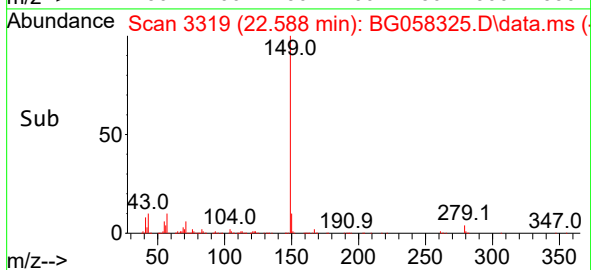
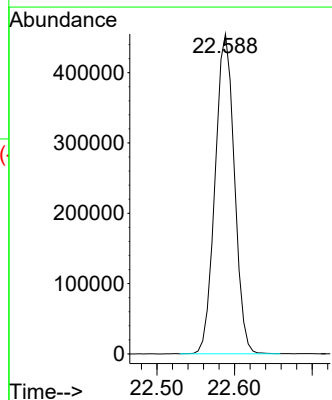
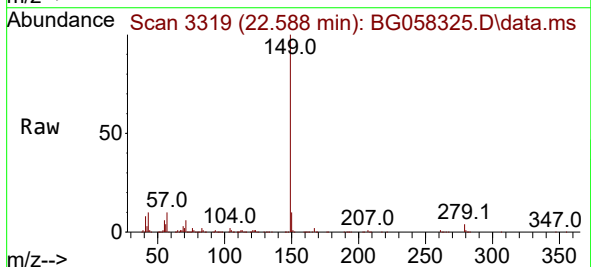
Instrument :
BNA_G
ClientSampleId :

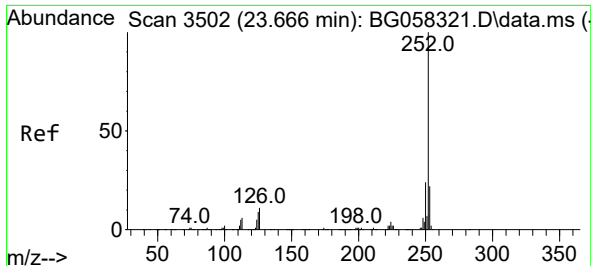
Tgt Ion:228 Resp: 725298
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 20.1 15.8 23.8



#89
Di-n-octyl phthalate
Concen: 39.555 ng/ul
RT: 22.588 min Scan# 3319
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion:149 Resp: 786452

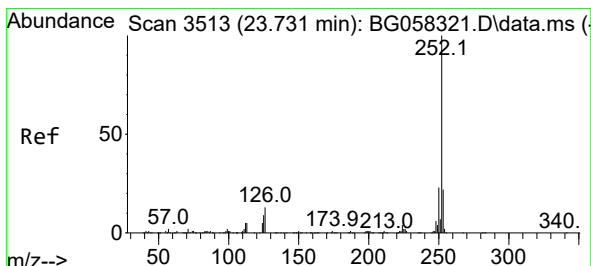
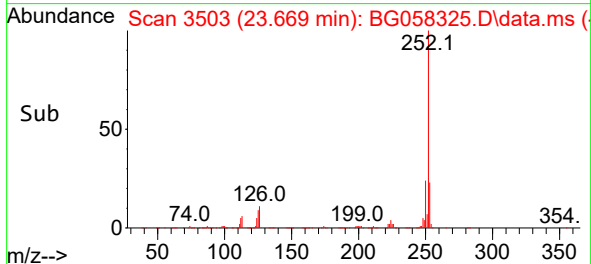
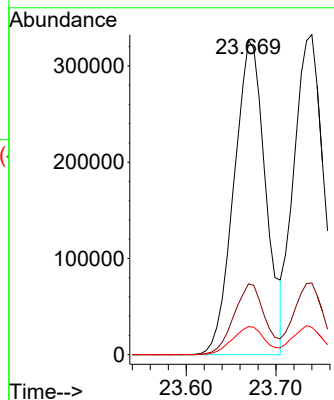
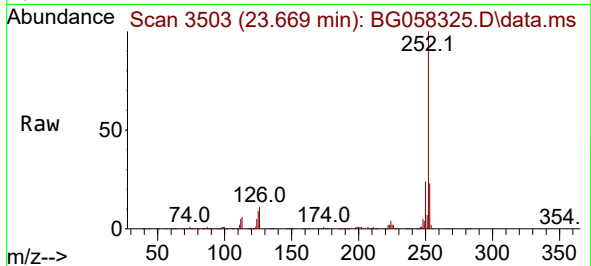




#90
Benzo(b)fluoranthene
Concen: 36.955 ng/ul
RT: 23.669 min Scan# 3502
Delta R.T. 0.001 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

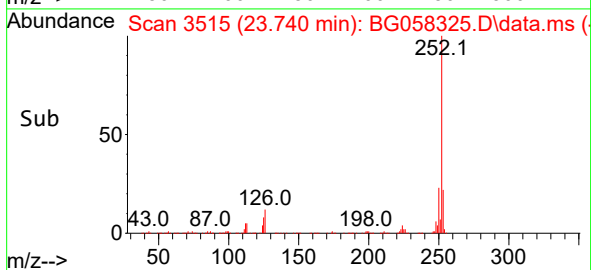
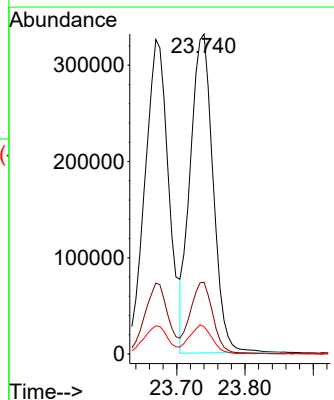
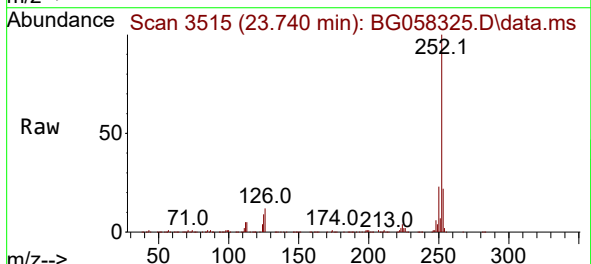
Instrument :
BNA_G
ClientSampleId :

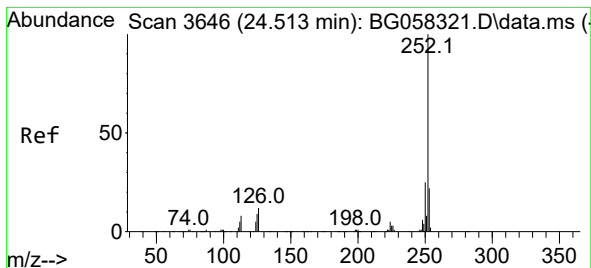
Tgt Ion:252 Resp: 799002
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.0 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 35.647 ng/ul
RT: 23.740 min Scan# 3515
Delta R.T. 0.007 min
Lab File: BG058325.D
Acq: 19 Jul 2023 11:46

Tgt Ion:252 Resp: 768664
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 8.5 7.4 11.0





#93

Benzo(a)pyrene

Concen: 36.460 ng/ul

RT: 24.521 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

Instrument :

BNA_G

ClientSampleId :

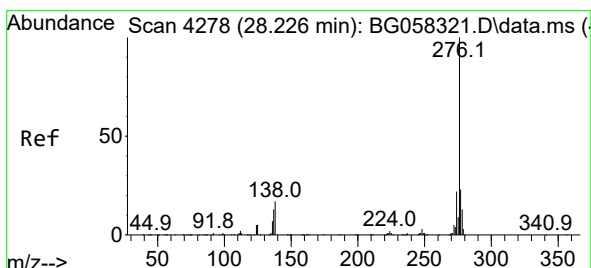
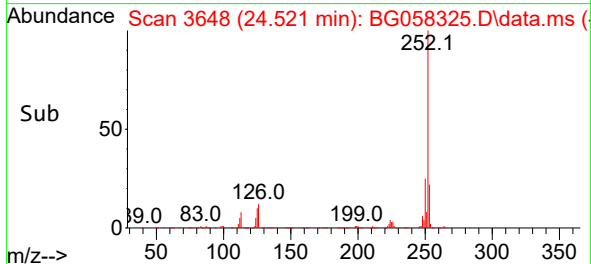
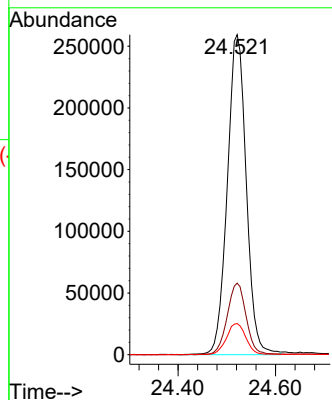
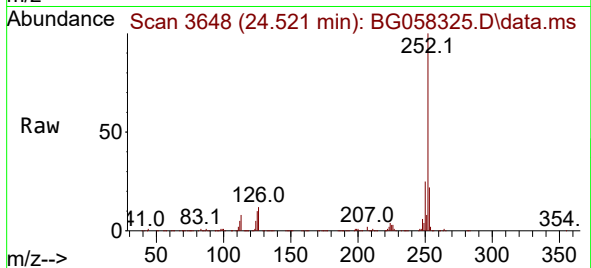
Tgt Ion:252 Resp: 701140

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.8 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.508 ng/ul

RT: 28.240 min Scan# 4281

Delta R.T. 0.013 min

Lab File: BG058325.D

Acq: 19 Jul 2023 11:46

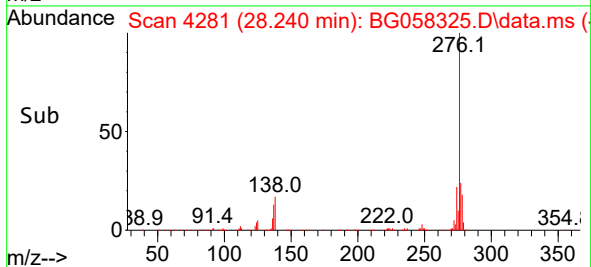
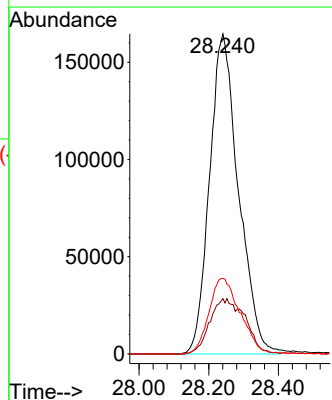
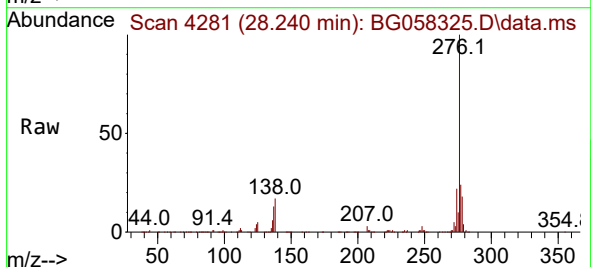
Tgt Ion:276 Resp: 950315

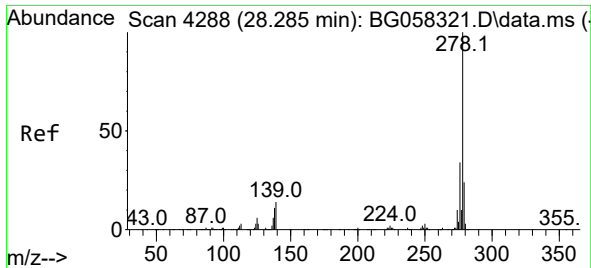
Ion Ratio Lower Upper

276 100

138 17.3 13.8 20.6

277 23.6 19.2 28.8

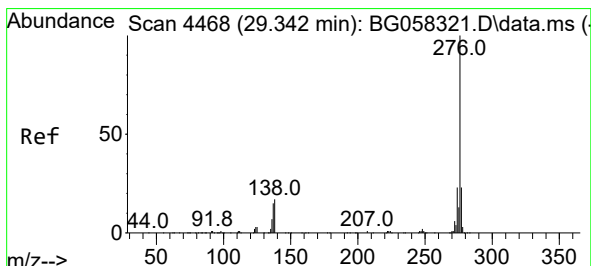
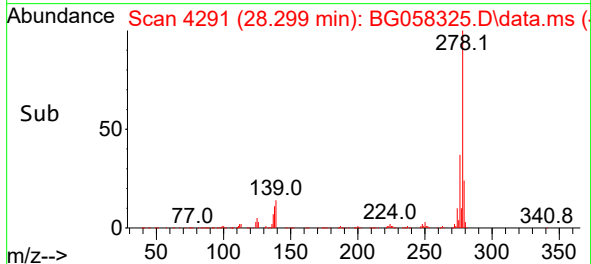
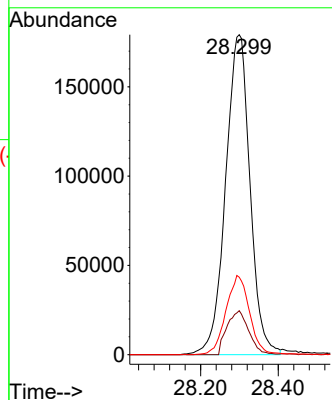
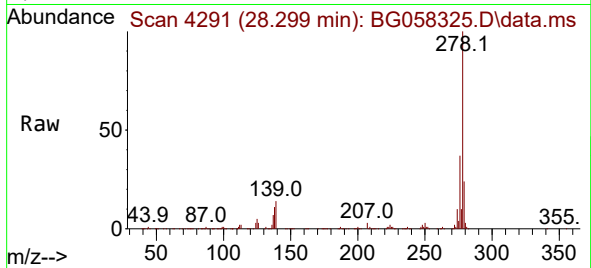




#95
 Dibenzo(a,h)anthracene
 Concen: 37.701 ng/ul
 RT: 28.299 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: BG058325.D
 Acq: 19 Jul 2023 11:46

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:278 Resp: 783294
 Ion Ratio Lower Upper
 278 100
 139 13.8 10.4 15.6
 279 24.2 18.4 27.6



#96
 Benzo(g,h,i)perylene
 Concen: 37.490 ng/ul
 RT: 29.357 min Scan# 4471
 Delta R.T. 0.007 min
 Lab File: BG058325.D
 Acq: 19 Jul 2023 11:46

Tgt Ion:276 Resp: 773900
 Ion Ratio Lower Upper
 276 100
 138 18.3 13.5 20.3
 277 23.4 19.4 29.2

