

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
 Data File : BG057327.D
 Acq On : 8 May 2023 11:54
 Operator : CG/JU
 Sample : 02589-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JREA1MSD

Quant Time: May 09 00:09:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 08 11:47:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.375	152	15050	20.000	ng/u1	0.00
20) Naphthalene-d8	11.212	136	65953	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.990	164	53823	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.727	188	131831	20.000	ng/u1	0.00
79) Chrysene-d12	22.045	240	116115	20.000	ng/u1	0.00
88) Perylene-d12	25.558	264	118775	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.664	96	297	0.868	ng/uL	0.02
4) Pyridine-d5	4.092	84	178	0.165	ng/u1	0.00
7) Phenol-d5	7.517	99	11766	8.267	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	6769	8.086	ng/u1	0.00
11) 2-Chlorophenol-d4	7.899	132	8903	9.492	ng/u1	0.00
15) 4-Methylphenol-d8	9.074	113	8809	8.143	ng/u1	0.00
21) Nitrobenzene-d5	9.550	128	4644	8.842	ng/u1	0.00
24) 2-Nitrophenol-d4	10.284	143	5770	9.413	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.830	165	10936	9.248	ng/u1	0.00
31) 4-Chloroaniline-d4	11.341	131	7070	4.511	ng/u1	0.00
46) Dimethylphthalate-d6	14.373	166	37539	8.802	ng/u1	0.00
49) Acenaphthylene-d8	14.684	160	44686	9.323	ng/u1	0.00
54) 4-Nitrophenol-d4	15.177	143	3462	5.577	ng/u1	0.00
60) Fluorene-d10	15.971	176	36355	9.151	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.094	200	5577	7.140	ng/u1	0.00
73) Anthracene-d10	17.827	188	59776	9.934	ng/u1	0.00
81) Pyrene-d10	20.094	212	73816	10.710	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.317	264	63766	10.538	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.687	88	1702	4.693	ng/uL#	77
6) Benzaldehyde	7.494	77	8067	18.557	ng/u1	87
8) Phenol	7.547	94	13640	9.508	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.776	93	9393	8.749	ng/u1#	85
12) 2-Chlorophenol	7.934	128	9723	9.869	ng/u1	98
13) 2-Methylphenol	8.810	108	10061	9.050	ng/u1	81
14) 2,2'-oxybis(1-Chloropr...	8.886	45	11442	8.266	ng/u1#	96
16) Acetophenone	9.203	105	18138	9.744	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.168	70	9187	8.589	ng/u1#	90
18) 4-Methylphenol	9.139	108	11021	9.158	ng/u1	94
19) Hexachloroethane	9.473	117	4015	9.741	ng/u1	96
22) Nitrobenzene	9.597	77	14396	9.205	ng/u1	95
23) Isophorone	10.108	82	25612	8.607	ng/u1	99
25) 2-Nitrophenol	10.313	139	6185	9.962	ng/u1	95
26) 2,4-Dimethylphenol	10.355	107	10998	7.809	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.584	93	13965	9.028	ng/u1	98
29) 2,4-Dichlorophenol	10.854	162	11751	10.469	ng/u1	93
30) Naphthalene	11.265	128	35455	9.791	ng/u1	99
32) 4-Chloroaniline	11.365	127	12194	7.467	ng/u1	100
33) Hexachlorobutadiene	11.529	225	9819	10.313	ng/u1	96
34) Caprolactam	12.099	113	3471	9.185	ng/u1	90
35) 4-Chloro-3-methylphenol	12.458	107	13193	10.215	ng/u1	92
36) 2-Methylnaphthalene	12.839	142	26645	10.034	ng/u1	93
37) 1-Methylnaphthalene	13.057	142	27323	10.232	ng/u1#	96

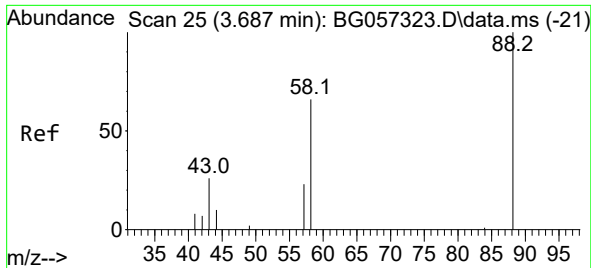
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
 Data File : BG057327.D
 Acq On : 8 May 2023 11:54
 Operator : CG/JU
 Sample : 02589-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JREA1MSD

Quant Time: May 09 00:09:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 08 11:47:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.198	216	19236	9.835	ng/ul	96
41) 2,4,6-Trichlorophenol	13.433	196	10998	9.655	ng/ul	94
42) 2,4,5-Trichlorophenol	13.515	196	12039	9.844	ng/ul#	87
43) 1,1'-Biphenyl	13.826	154	39598	9.642	ng/ul	99
44) 2-Chloronaphthalene	13.879	162	31158	9.785	ng/ul	96
45) 2-Nitroaniline	14.073	65	8743	9.095	ng/ul	90
47) Dimethylphthalate	14.420	163	40823	9.532	ng/ul	98
48) 2,6-Dinitrotoluene	14.555	165	8684	9.853	ng/ul#	90
50) Acenaphthylene	14.713	152	48121	9.879	ng/ul	97
51) 3-Nitroaniline	14.884	138	7937	12.709	ng/ul	90
52) Acenaphthene	15.054	153	34025	9.804	ng/ul	99
53) 2,4-Dinitrophenol	15.113	184	2105	4.485	ng/ul	94
55) 4-Nitrophenol	15.201	109	5222	7.421	ng/ul	90
56) Dibenzofuran	15.383	168	49751	9.927	ng/ul	95
57) 2,4-Dinitrotoluene	15.342	165	12368	9.802	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.612	232	10494	9.443	ng/ul#	93
59) Diethylphthalate	15.765	149	42073	9.669	ng/ul	94
61) Fluorene	16.029	166	41331	9.753	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.006	204	23827	9.633	ng/ul	97
63) 4-Nitroaniline	16.041	138	8252	13.953	ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.106	198	6414	8.059	ng/ul#	87
67) N-Nitrosodiphenylamine	16.217	169	35630	10.346	ng/ul	97
68) 4-Bromophenyl-phenylether	16.899	248	15550	9.869	ng/ul	90
69) Hexachlorobenzene	17.034	284	18091	10.903	ng/ul	98
70) Atrazine	17.145	200	14426	9.426	ng/ul	97
71) Pentachlorophenol	17.392	266	4398	5.734	ng/ul	98
72) Phenanthrene	17.768	178	71546	10.422	ng/ul	99
74) Anthracene	17.862	178	71590	10.381	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.803	216	19717	9.944	ng/uL	96
76) Pentachlorobenzene	15.307	250	20662	10.237	ng/uL	92
77) Carbazole	18.126	167	65043	11.286	ng/ul	99
78) Di-n-butylphthalate	18.643	149	75257	11.420	ng/ul	100
80) Fluoranthene	19.760	202	93454	11.415	ng/ul	98
82) Pyrene	20.124	202	94090	11.352	ng/ul	98
83) Butylbenzylphthalate	20.970	149	31914	12.024	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.915	252	26978	10.462	ng/ul#	94
85) Benzo(a)anthracene	22.021	228	92596	11.275	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.863	149	45850	11.877	ng/ul	96
87) Chrysene	22.092	228	86925	11.219	ng/ul	100
89) Di-n-octyl phthalate	23.161	149	76025	11.591	ng/ul	100
90) Benzo(b)fluoranthene	24.430	252	91424	11.115	ng/ul	98
91) Benzo(k)fluoranthene	24.430	252	91424	11.425	ng/ul	96
93) Benzo(a)pyrene	25.393	252	78854	11.105	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.623	276	100140	11.282	ng/ul	99
95) Dibenzo(a,h)anthracene	29.670	278	83828	11.389	ng/ul	98
96) Benzo(g,h,i)perylene	30.897	276	68434	9.526	ng/ul	97

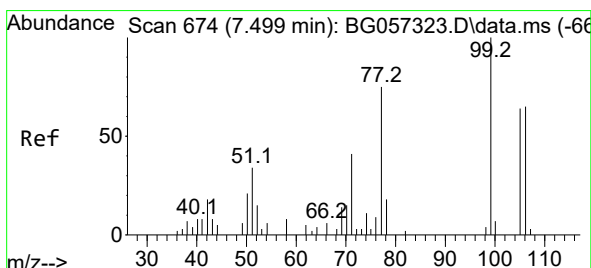
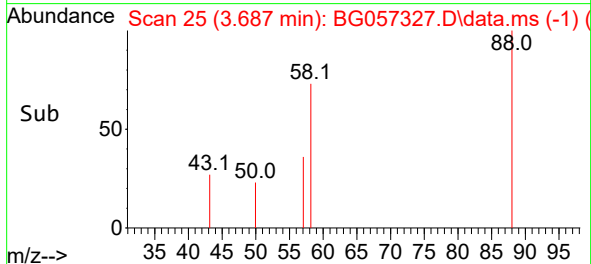
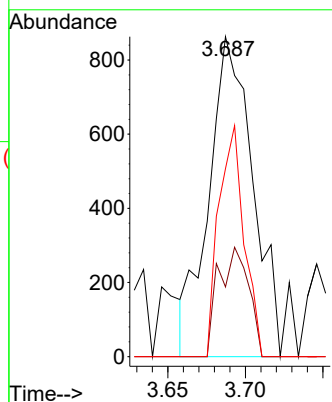
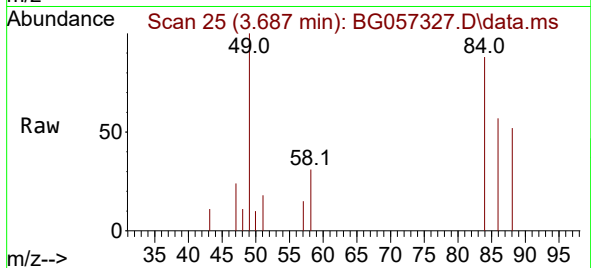
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 4.693 ng/uL
RT: 3.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

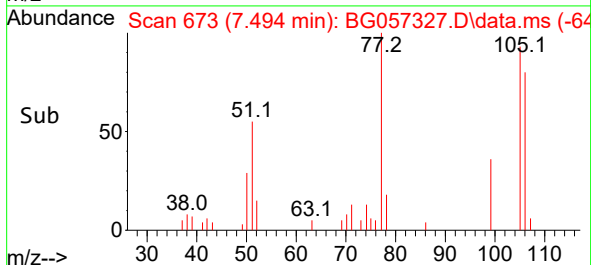
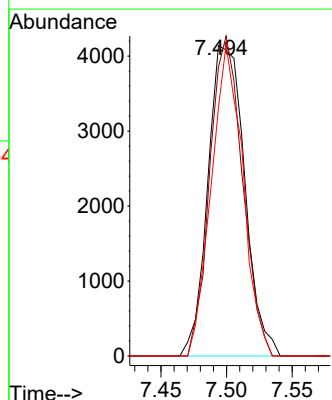
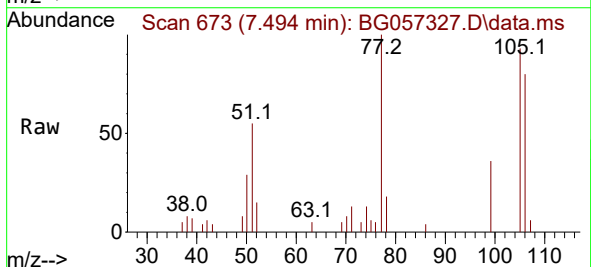
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

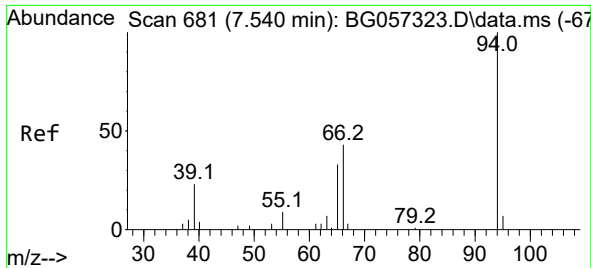
Tgt Ion: 88 Resp: 1702
Ion Ratio Lower Upper
88 100
43 21.8 28.2 42.4#
58 58.7 63.3 94.9#



#6
Benzaldehyde
Concen: 18.557 ng/uL
RT: 7.494 min Scan# 673
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion: 77 Resp: 8067
Ion Ratio Lower Upper
77 100
105 93.0 79.8 119.6
106 80.0 78.7 118.1

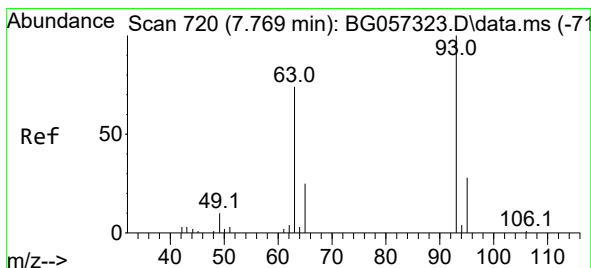
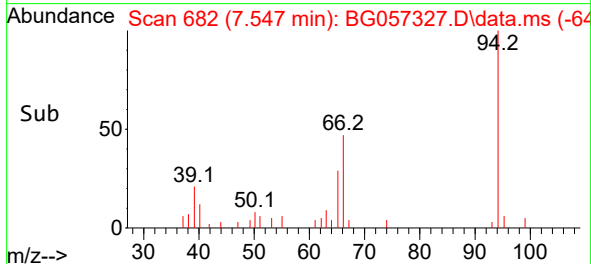
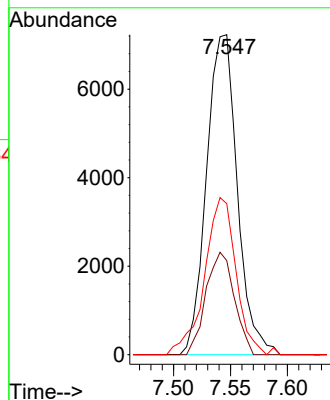
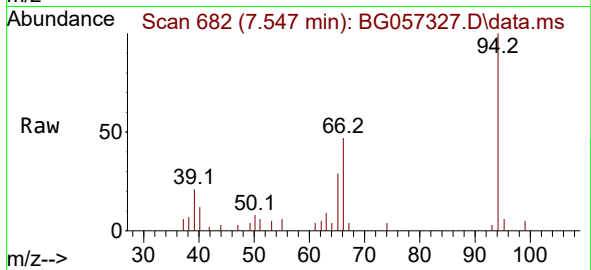




#8
Phenol
Concen: 9.508 ng/ul
RT: 7.547 min Scan# 681
Delta R.T. 0.006 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

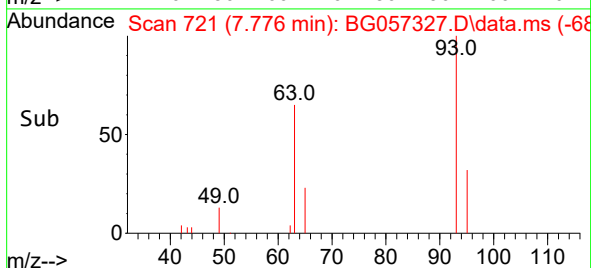
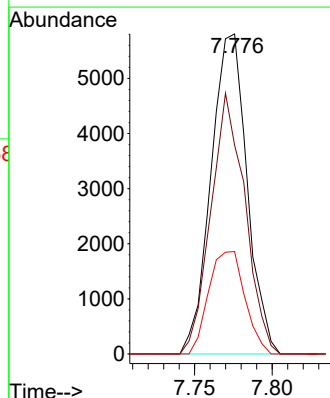
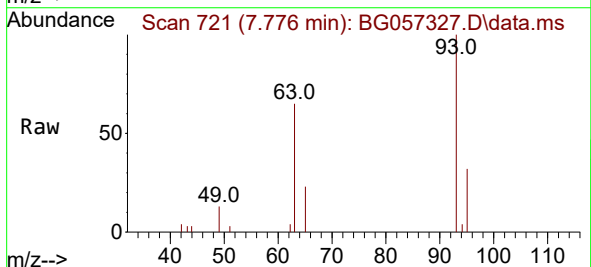
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

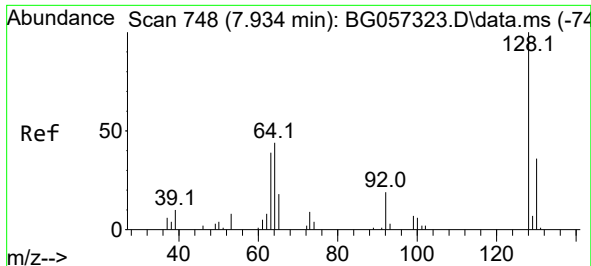
Tgt Ion: 94 Resp: 13640
Ion Ratio Lower Upper
94 100
65 29.4 25.5 38.3
66 47.2 36.9 55.3



#10
Bis(2-Chloroethyl)ether
Concen: 8.749 ng/ul
RT: 7.776 min Scan# 721
Delta R.T. 0.006 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion: 93 Resp: 9393
Ion Ratio Lower Upper
93 100
63 65.3 67.2 100.8#
95 32.0 26.3 39.5





#12

2-Chlorophenol

Concen: 9.869 ng/ul

RT: 7.934 min Scan# 74

Delta R.T. 0.000 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

JREA1MSD

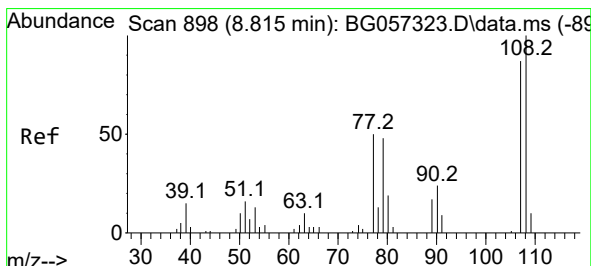
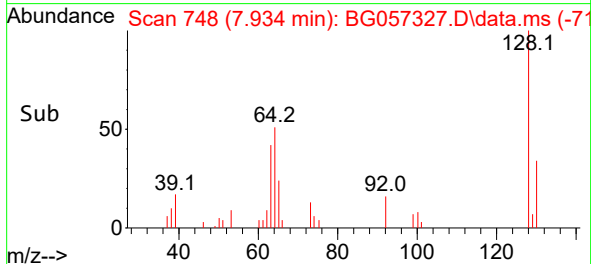
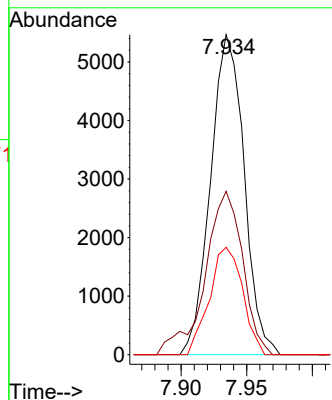
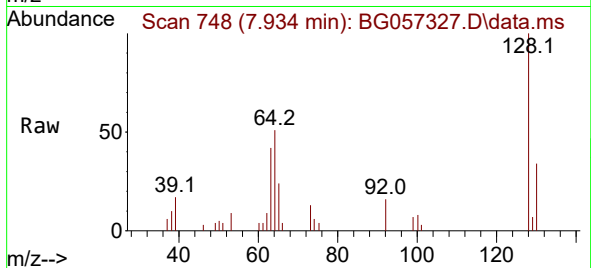
Tgt Ion:128 Resp: 9723

Ion Ratio Lower Upper

128 100

64 51.1 41.3 61.9

130 33.6 24.6 37.0



#13

2-Methylphenol

Concen: 9.050 ng/ul

RT: 8.810 min Scan# 897

Delta R.T. -0.005 min

Lab File: BG057327.D

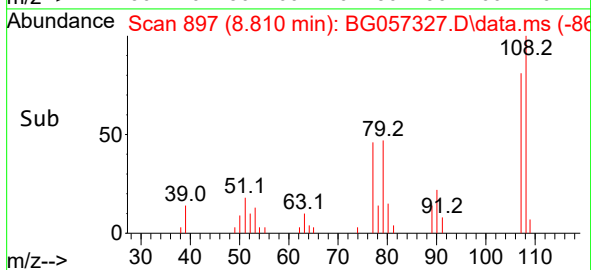
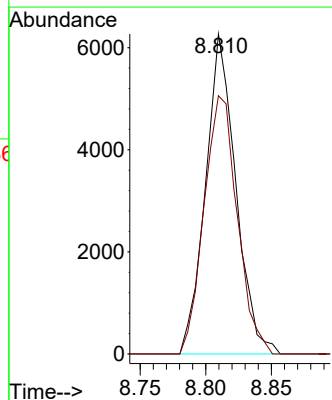
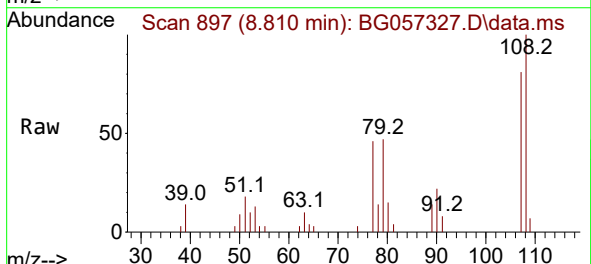
Acq: 8 May 2023 11:54

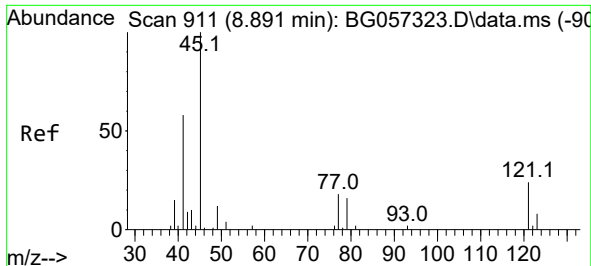
Tgt Ion:108 Resp: 10061

Ion Ratio Lower Upper

108 100

107 80.7 80.0 120.0

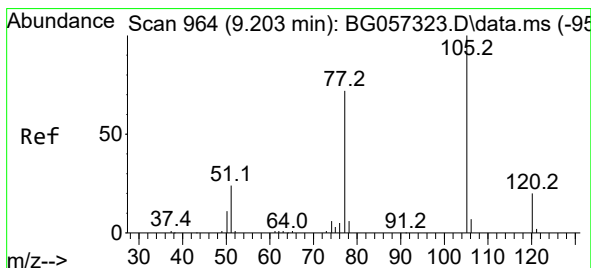
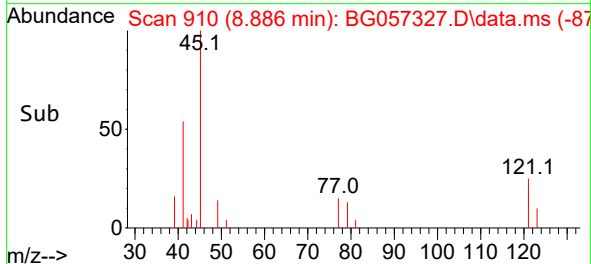
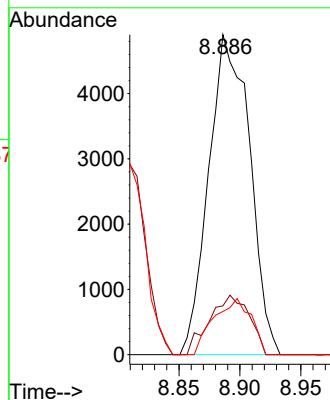
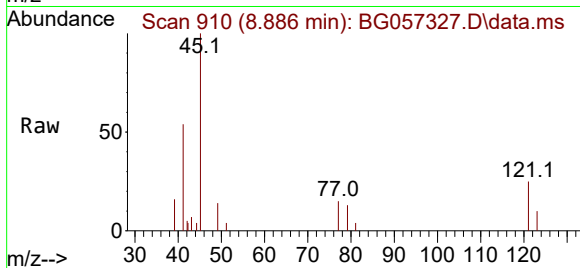




#14
2,2'-oxybis(1-Chloropropane)
Concen: 8.266 ng/ul
RT: 8.886 min Scan# 911
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

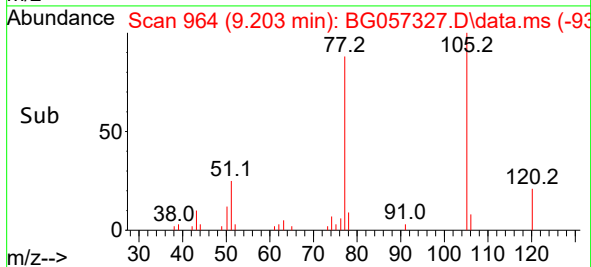
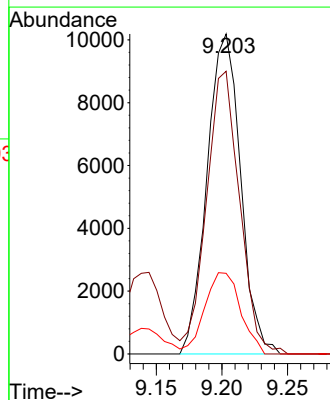
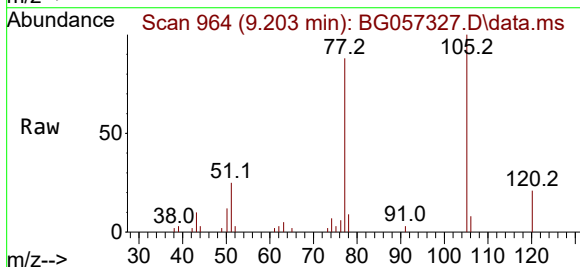
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

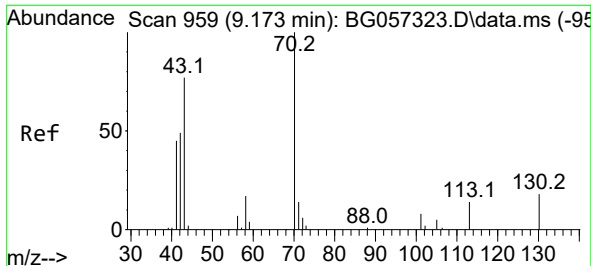
Tgt Ion: 45 Resp: 11442
Ion Ratio Lower Upper
45 100
77 15.3 12.9 19.3
79 13.5 8.9 13.3#



#16
Acetophenone
Concen: 9.744 ng/ul
RT: 9.203 min Scan# 964
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion: 105 Resp: 18138
Ion Ratio Lower Upper
105 100
77 88.3 70.6 105.8
51 25.2 24.5 36.7





#17

N-Nitroso-di-n-propylamine

Concen: 8.589 ng/ul

RT: 9.168 min Scan# 91

Delta R.T. -0.005 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

JREA1MSD

Tgt Ion: 70 Resp: 9187

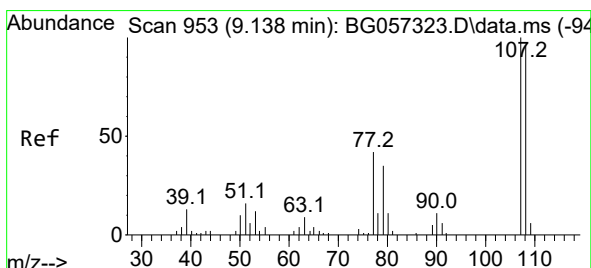
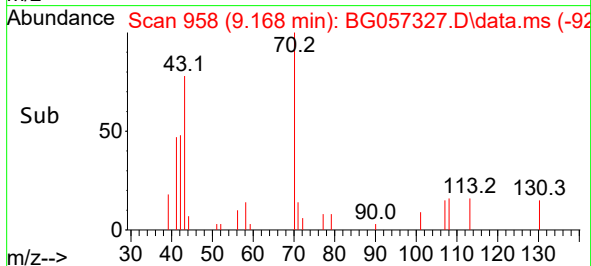
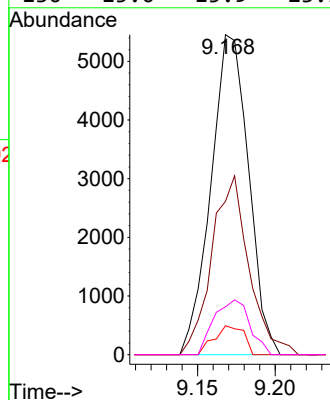
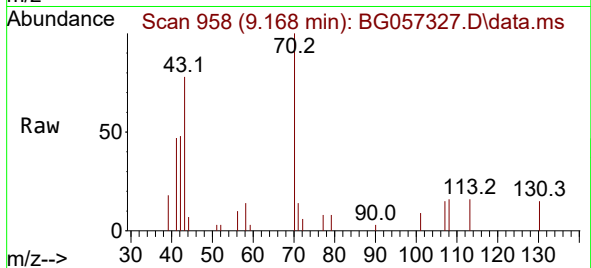
Ion Ratio Lower Upper

70 100

42 47.9 45.0 67.4

101 9.1 6.5 9.7

130 15.0 15.9 23.9#



#18

4-Methylphenol

Concen: 9.158 ng/ul

RT: 9.139 min Scan# 953

Delta R.T. 0.000 min

Lab File: BG057327.D

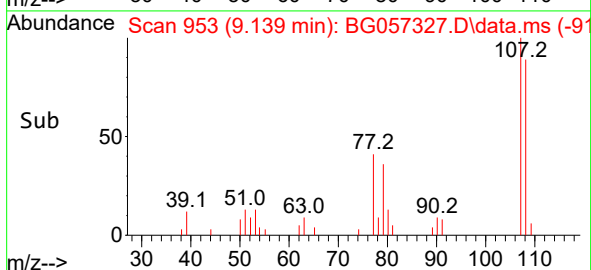
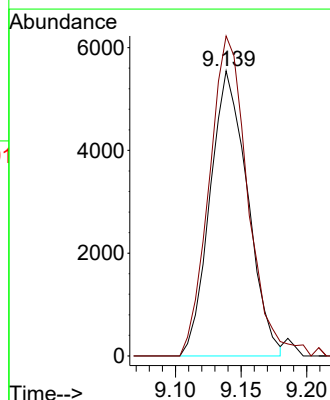
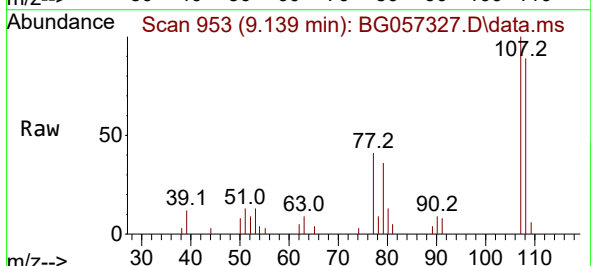
Acq: 8 May 2023 11:54

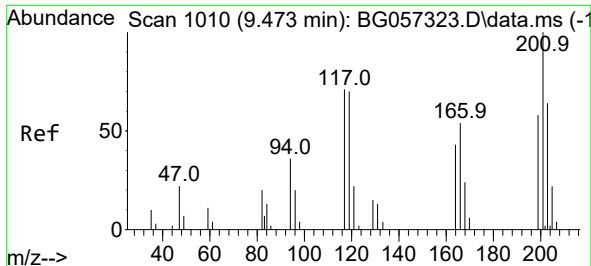
Tgt Ion: 108 Resp: 11021

Ion Ratio Lower Upper

108 100

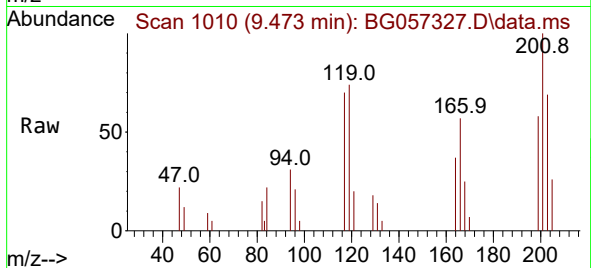
107 112.2 85.1 127.7



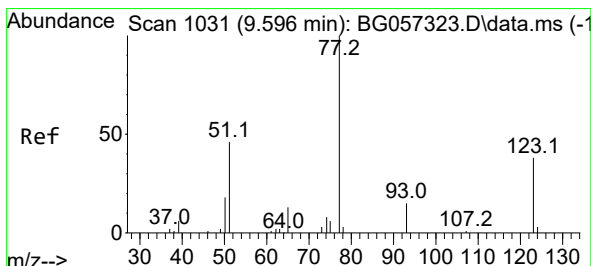
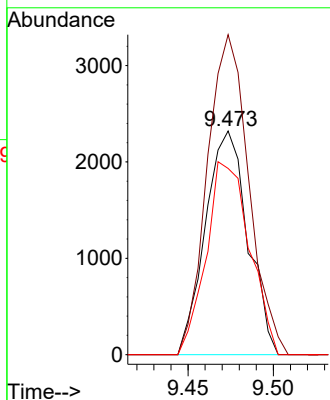
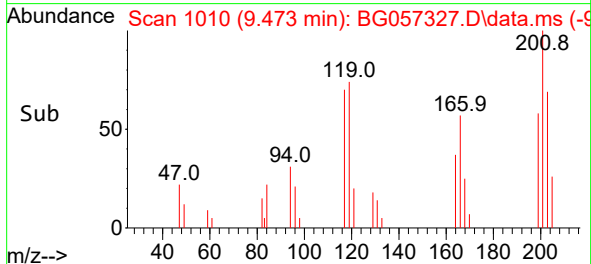


#19
Hexachloroethane
Concen: 9.741 ng/ul
RT: 9.473 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Instrument :
BNA_G
ClientSampleId :
JREA1MSD

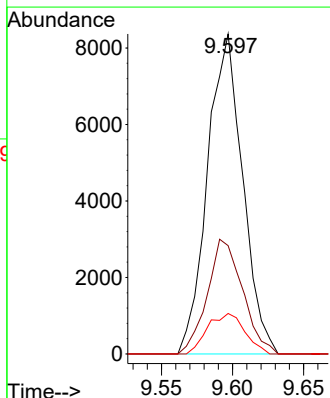
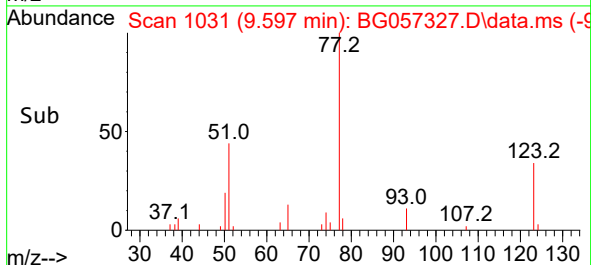
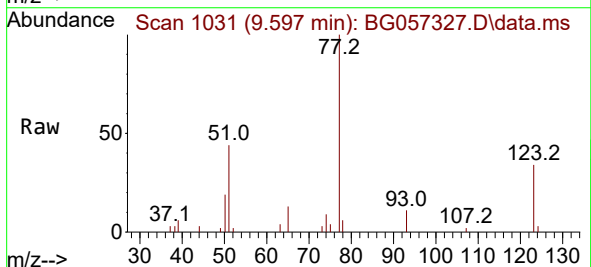


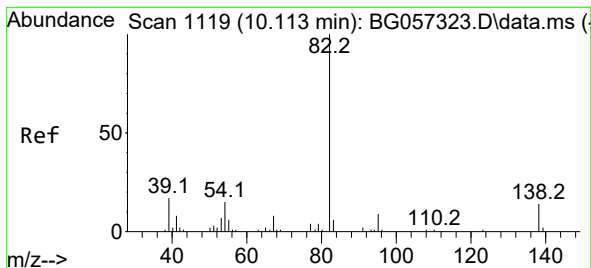
Tgt Ion:117 Resp: 4015
Ion Ratio Lower Upper
117 100
201 143.0 109.4 164.2
199 83.2 65.4 98.2



#22
Nitrobenzene
Concen: 9.205 ng/ul
RT: 9.597 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion: 77 Resp: 14396
Ion Ratio Lower Upper
77 100
123 33.9 29.6 44.4
65 12.6 11.4 17.0





#23

Isophorone

Concen: 8.607 ng/ul

RT: 10.108 min Scan# 1118

Delta R.T. -0.005 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

JREA1MSD

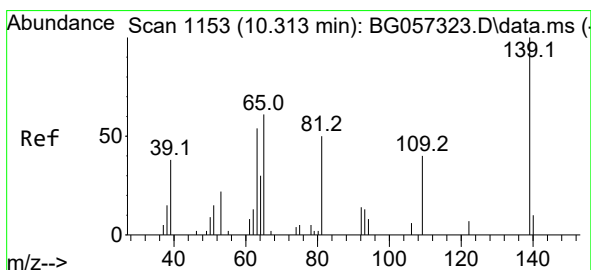
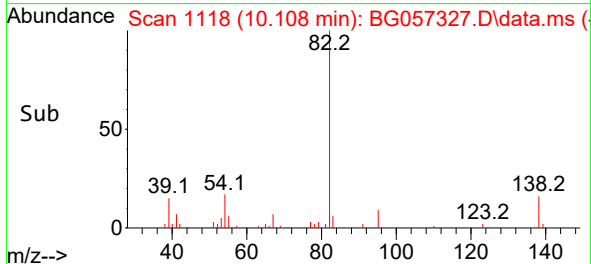
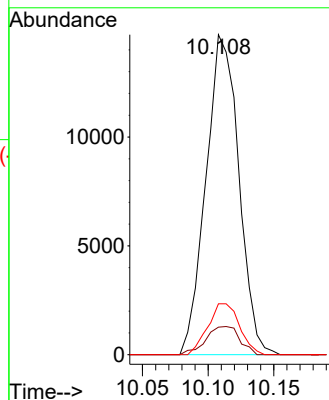
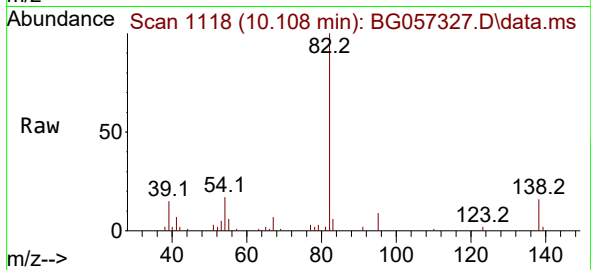
Tgt Ion: 82 Resp: 25612

Ion Ratio Lower Upper

82 100

95 8.6 6.8 10.2

138 15.9 12.2 18.2



#25

2-Nitrophenol

Concen: 9.962 ng/ul

RT: 10.313 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

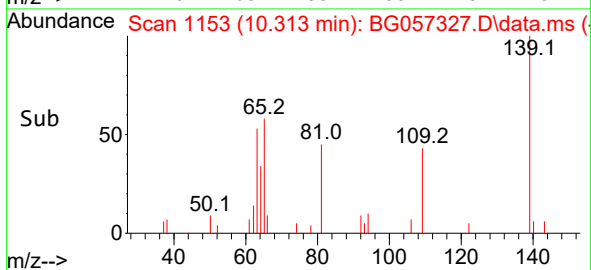
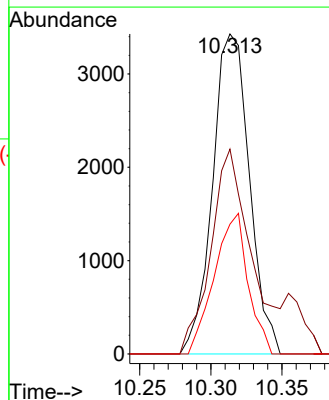
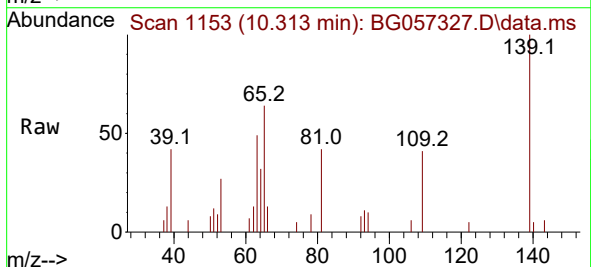
Tgt Ion:139 Resp: 6185

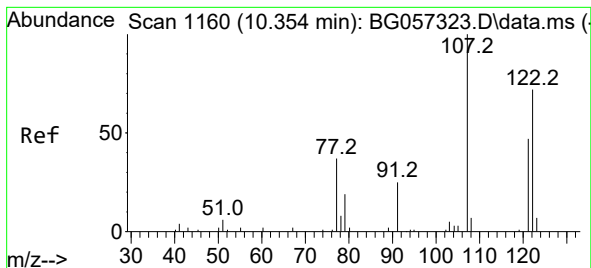
Ion Ratio Lower Upper

139 100

65 64.0 48.7 73.1

109 40.5 35.2 52.8

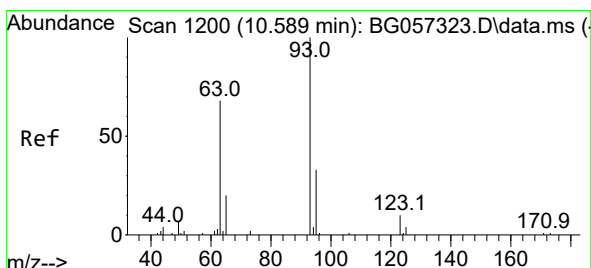
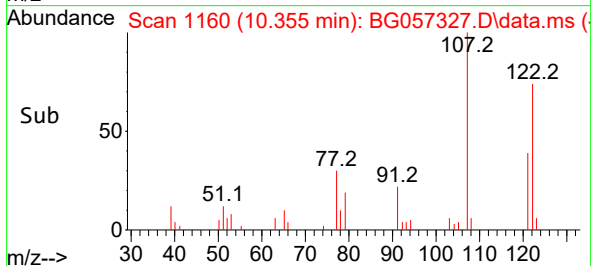
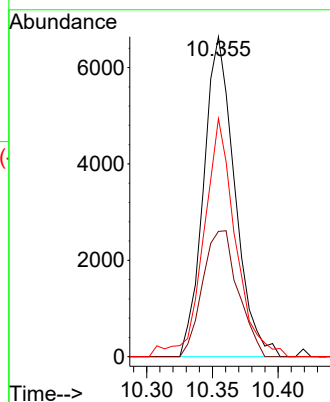
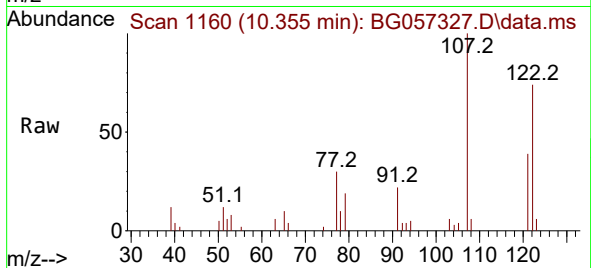




#26
2,4-Dimethylphenol
Concen: 7.809 ng/ul
RT: 10.355 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

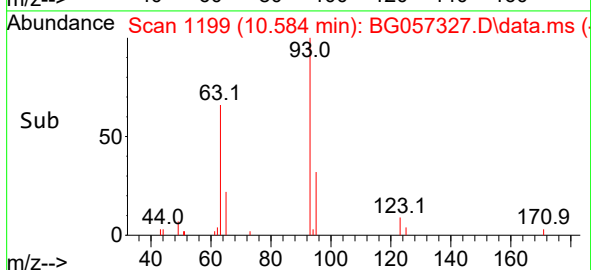
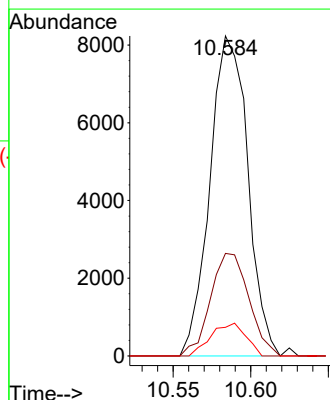
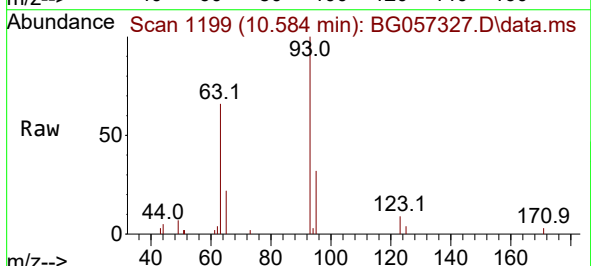
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

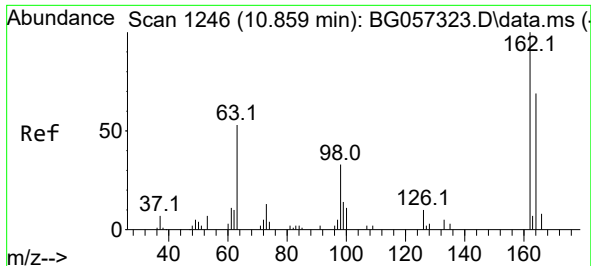
Tgt Ion:107 Resp: 10998
Ion Ratio Lower Upper
107 100
121 39.2 35.4 53.0
122 74.4 57.0 85.4



#27
Bis(2-Chloroethoxy)methane
Concen: 9.028 ng/ul
RT: 10.584 min Scan# 1199
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion: 93 Resp: 13965
Ion Ratio Lower Upper
93 100
95 32.0 24.8 37.2
123 9.0 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 10.469 ng/ul

RT: 10.854 min Scan# 11751

Delta R.T. -0.005 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

JREA1MSD

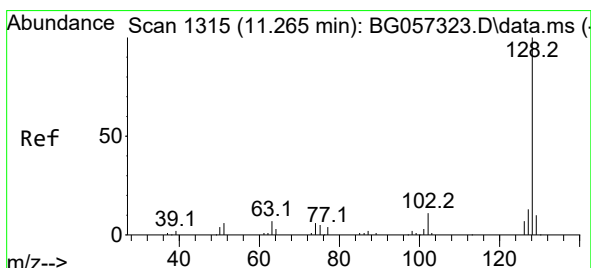
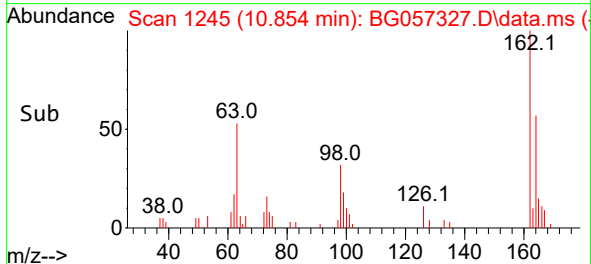
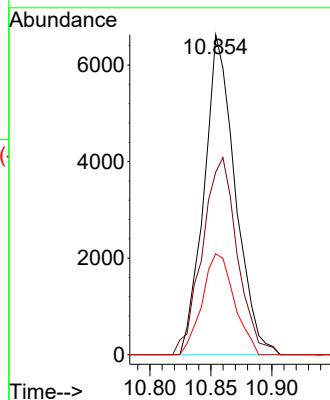
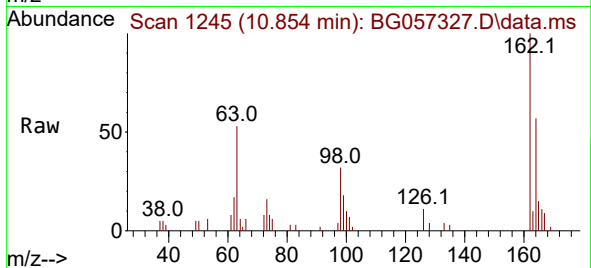
Tgt Ion:162 Resp: 11751

Ion Ratio Lower Upper

162 100

164 57.1 50.5 75.7

98 31.6 27.5 41.3



#30

Naphthalene

Concen: 9.791 ng/ul

RT: 11.265 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

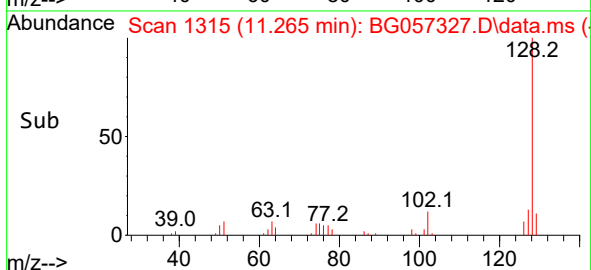
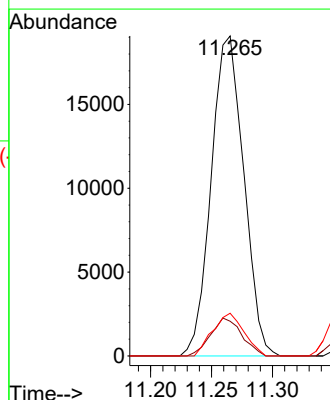
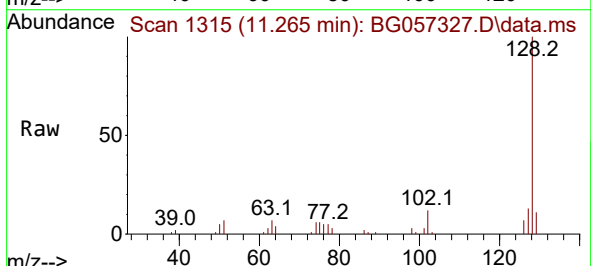
Tgt Ion:128 Resp: 35455

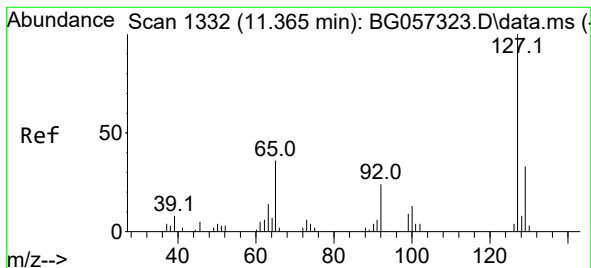
Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 13.4 11.4 17.0

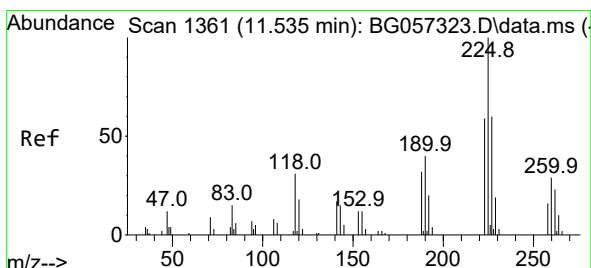
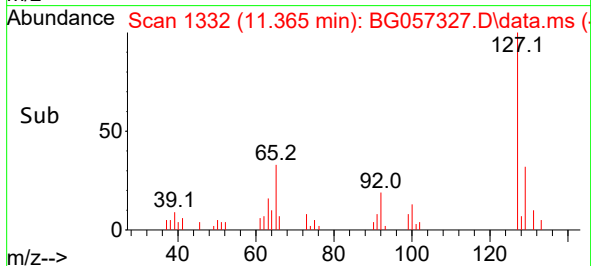
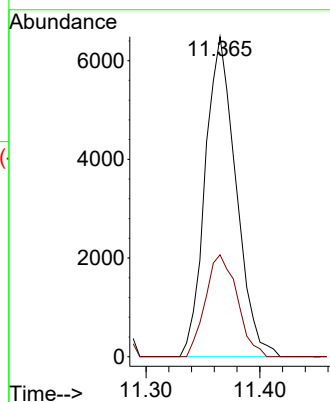
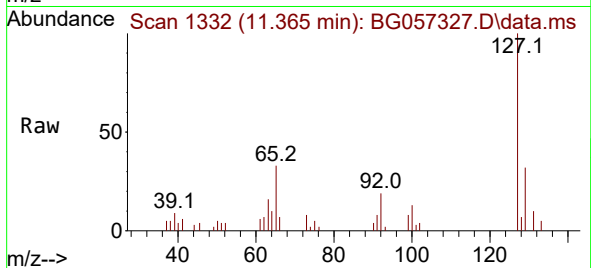




#32
4-Chloroaniline
Concen: 7.467 ng/ul
RT: 11.365 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

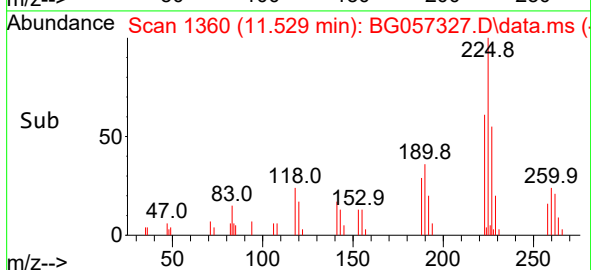
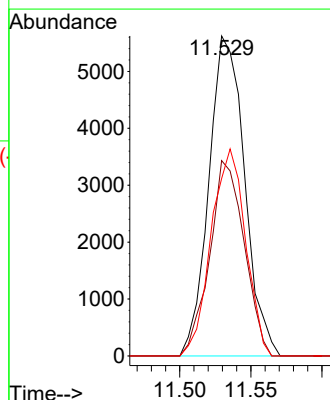
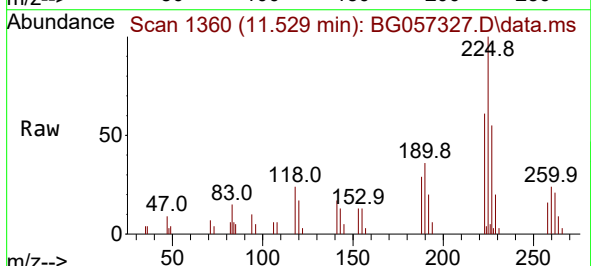
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

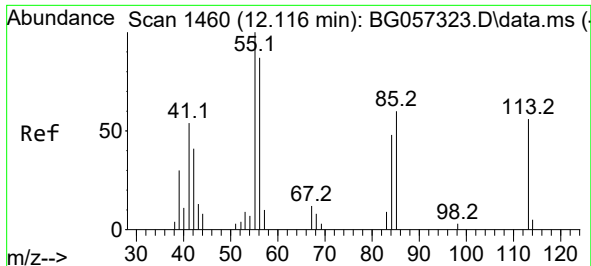
Tgt Ion:127 Resp: 12194
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.0



#33
Hexachlorobutadiene
Concen: 10.313 ng/ul
RT: 11.529 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:225 Resp: 9819
Ion Ratio Lower Upper
225 100
223 61.1 47.5 71.3
227 55.5 48.4 72.6

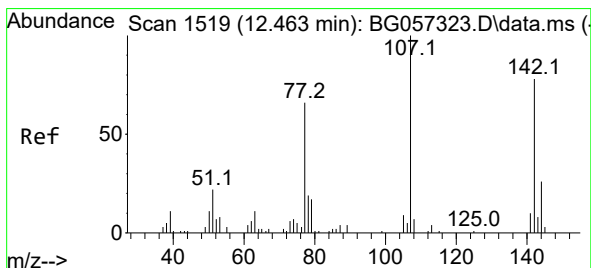
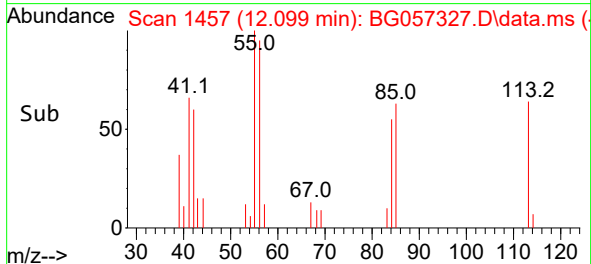
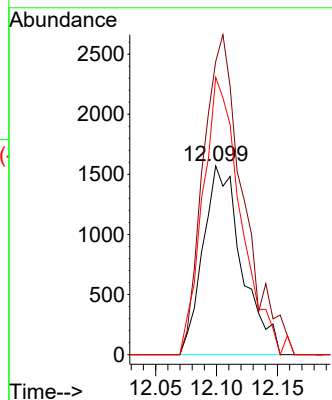
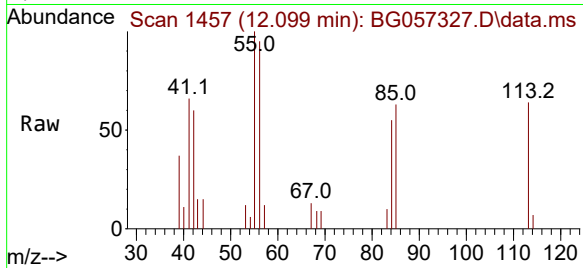




#34
Caprolactam
Concen: 9.185 ng/ul
RT: 12.099 min Scan# 1460
Delta R.T. -0.017 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

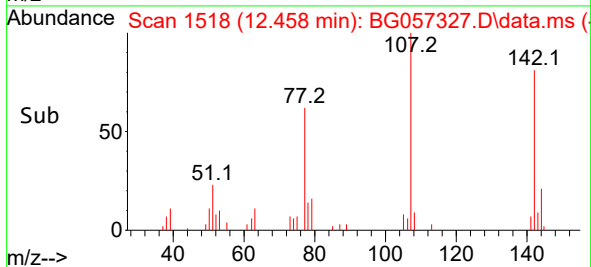
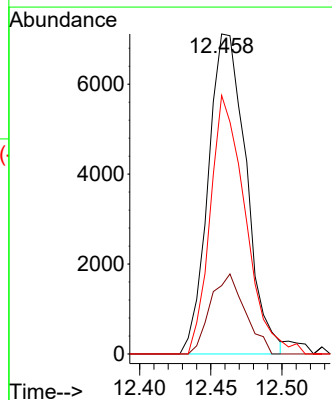
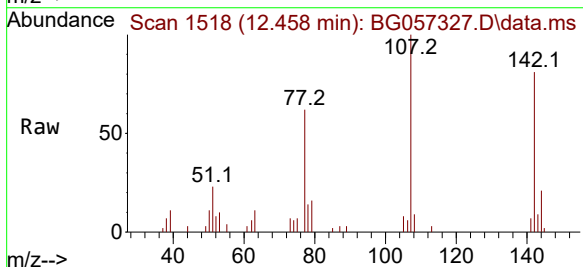
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

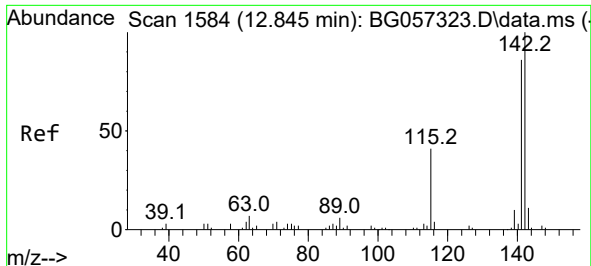
Tgt Ion:113 Resp: 3471
Ion Ratio Lower Upper
113 100
55 155.3 123.1 184.7
56 146.8 98.7 148.1



#35
4-Chloro-3-methylphenol
Concen: 10.215 ng/ul
RT: 12.458 min Scan# 1518
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:107 Resp: 13193
Ion Ratio Lower Upper
107 100
144 21.4 18.3 27.5
142 80.8 58.6 88.0

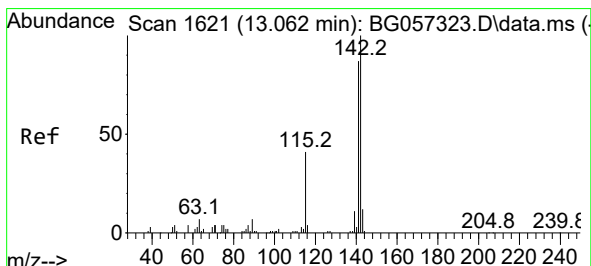
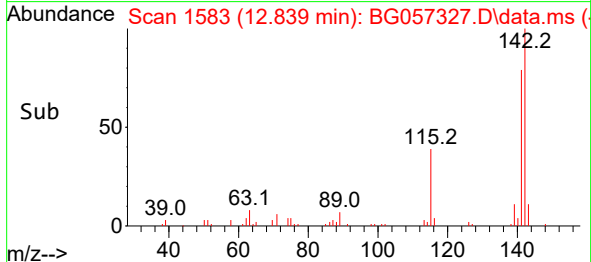
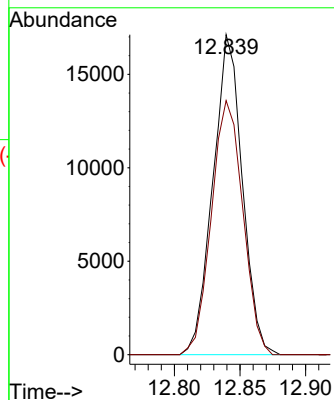
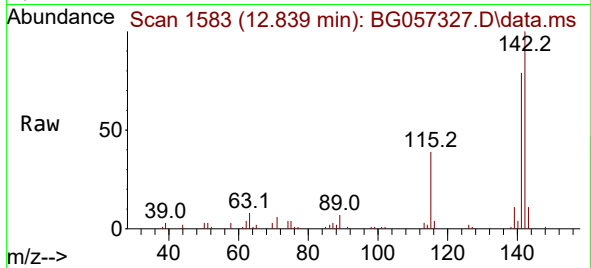




#36
2-Methylnaphthalene
Concen: 10.034 ng/ul
RT: 12.839 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

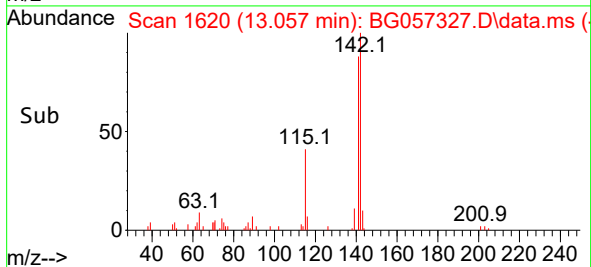
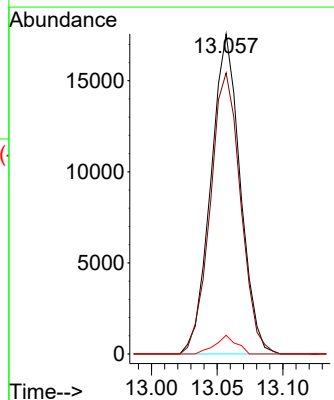
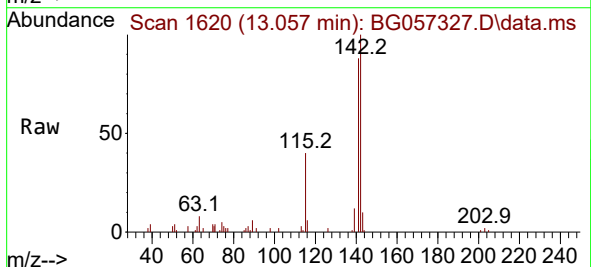
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

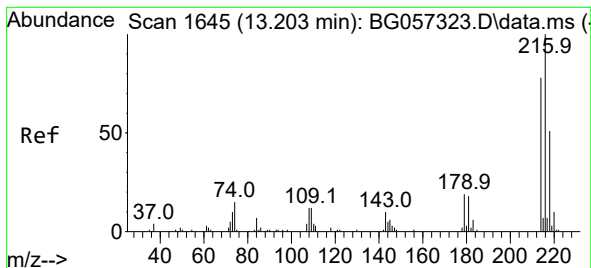
Tgt Ion:142 Resp: 26645
Ion Ratio Lower Upper
142 100
141 79.4 68.7 103.1



#37
1-Methylnaphthalene
Concen: 10.232 ng/ul
RT: 13.057 min Scan# 1620
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:142 Resp: 27323
Ion Ratio Lower Upper
142 100
141 87.8 72.9 109.3
116 5.8 3.2 4.8#

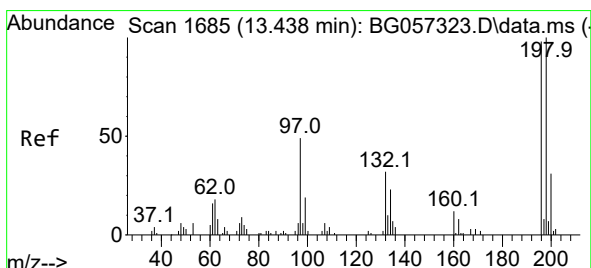
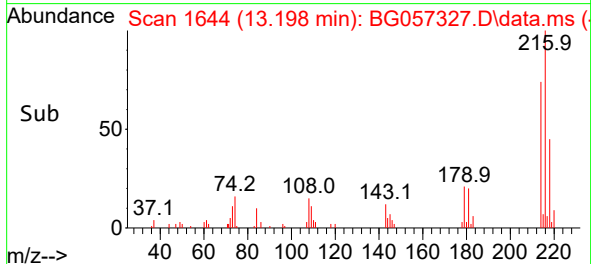
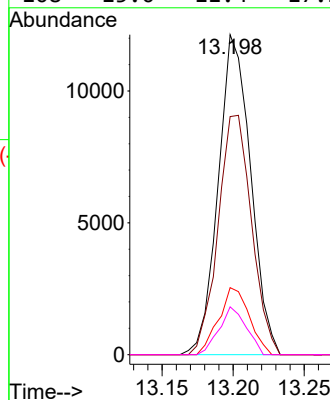
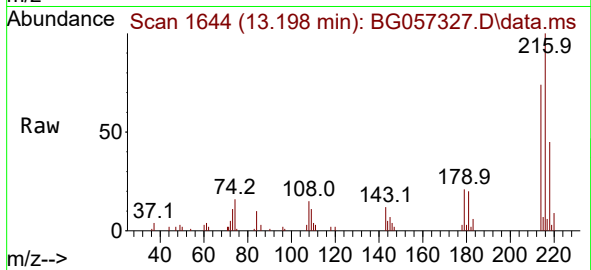




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.835 ng/ul
 RT: 13.198 min Scan# 1
 Delta R.T. -0.005 min
 Lab File: BG057327.D
 Acq: 8 May 2023 11:54

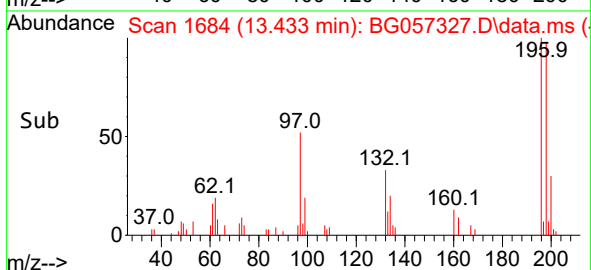
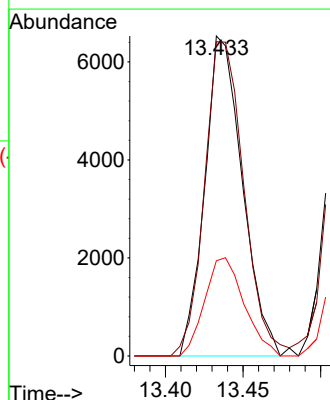
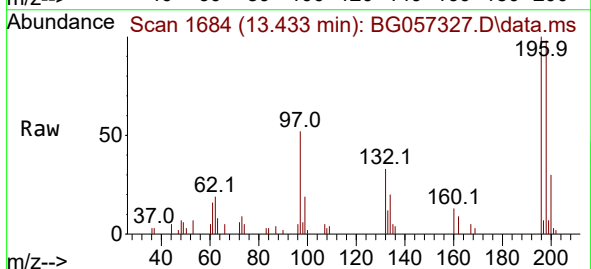
Instrument :
 BNA_G
 ClientSampleId :
 JREA1MSD

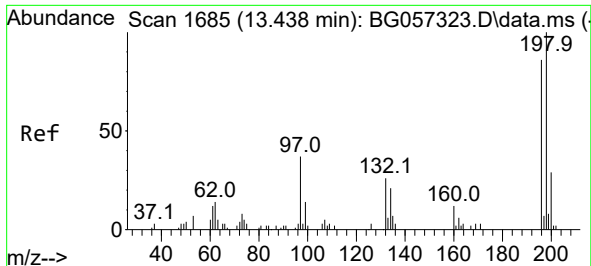
Tgt Ion:216	Resp:	19236
Ion Ratio	Lower	Upper
216	100	
214	74.4	62.9 94.3
179	21.0	15.3 22.9
108	15.0	11.4 17.2



#41
 2,4,6-Trichlorophenol
 Concen: 9.655 ng/ul
 RT: 13.433 min Scan# 1684
 Delta R.T. -0.005 min
 Lab File: BG057327.D
 Acq: 8 May 2023 11:54

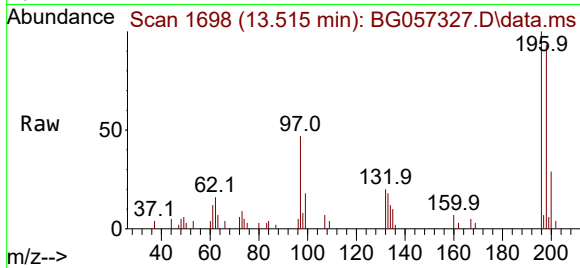
Tgt Ion:196	Resp:	10998
Ion Ratio	Lower	Upper
196	100	
198	98.2	83.8 125.8
200	29.7	26.6 40.0



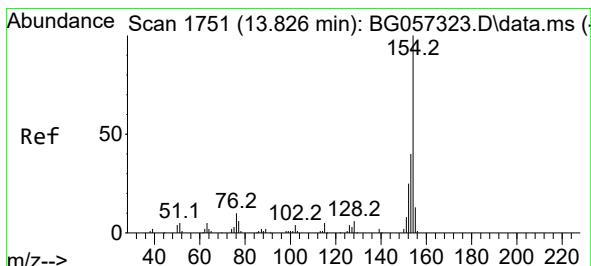
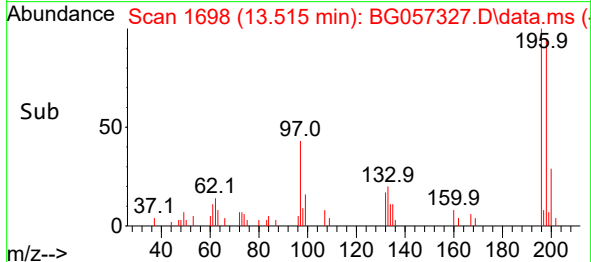
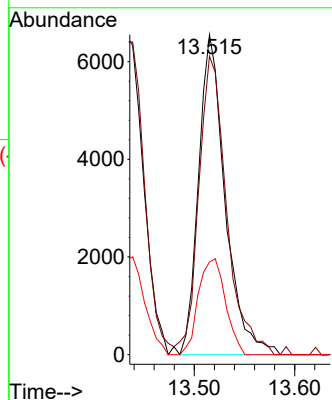


#42
2,4,5-Trichlorophenol
Concen: 9.844 ng/ul
RT: 13.515 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Instrument :
BNA_G
ClientSampleId :
JREA1MSD

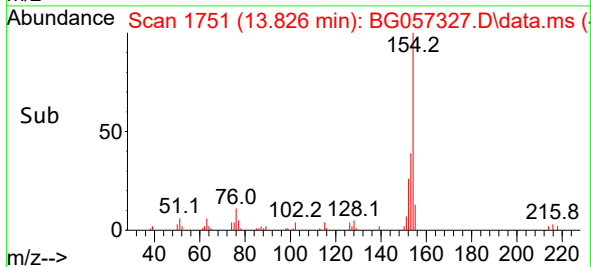
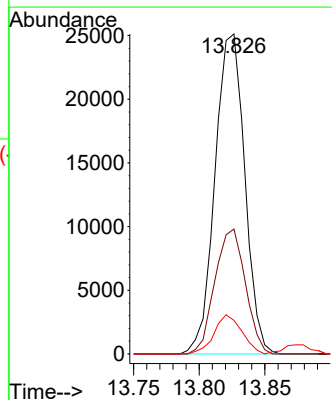
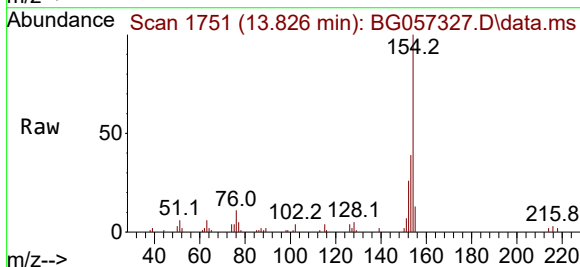


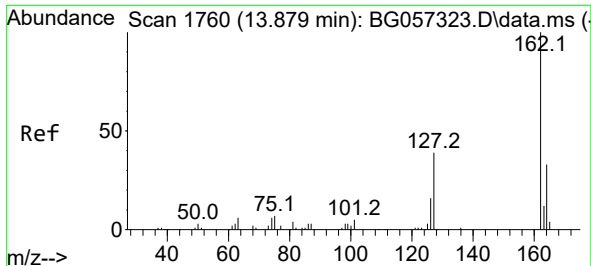
Tgt Ion:196 Resp: 12039
Ion Ratio Lower Upper
196 100
198 93.3 85.7 128.5
200 29.0 29.9 44.9#



#43
1,1'-Biphenyl
Concen: 9.642 ng/ul
RT: 13.826 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

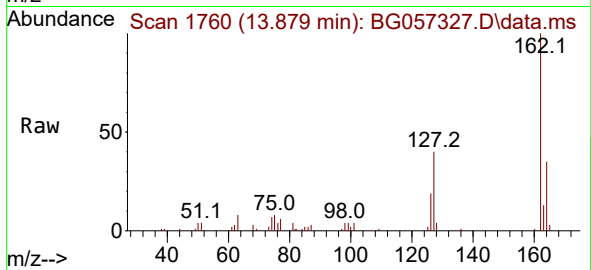
Tgt Ion:154 Resp: 39598
Ion Ratio Lower Upper
154 100
153 39.1 31.6 47.4
76 10.5 8.0 12.0



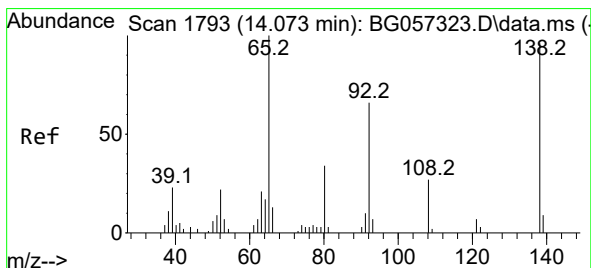
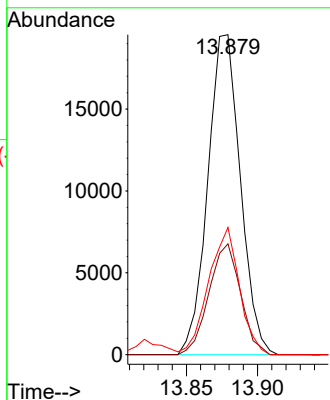
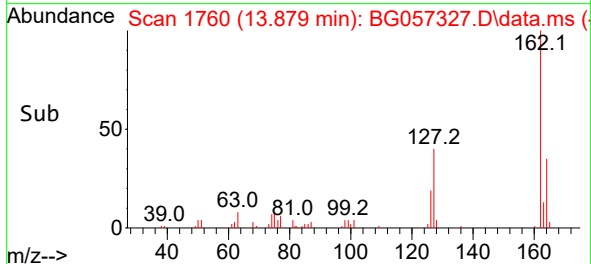


#44
2-Chloronaphthalene
Concen: 9.785 ng/ul
RT: 13.879 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Instrument :
BNA_G
ClientSampleId :
JREA1MSD

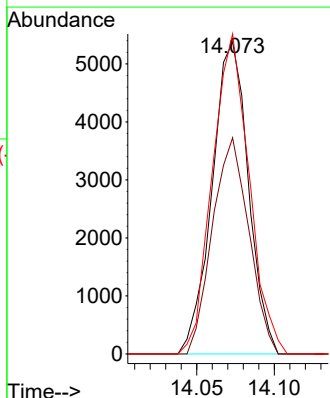
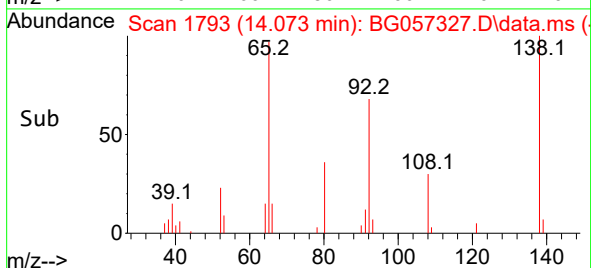
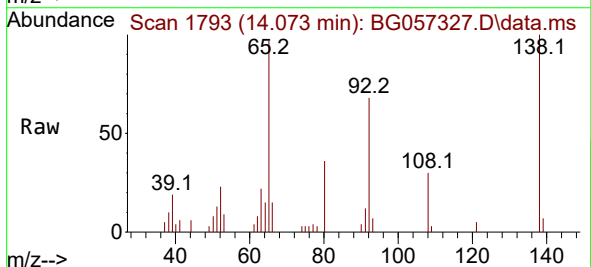


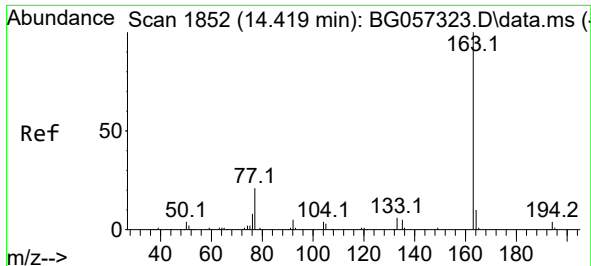
Tgt Ion:162 Resp: 31158
Ion Ratio Lower Upper
162 100
164 34.7 26.2 39.4
127 39.8 29.4 44.2



#45
2-Nitroaniline
Concen: 9.095 ng/ul
RT: 14.073 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion: 65 Resp: 8743
Ion Ratio Lower Upper
65 100
92 69.3 51.8 77.6
138 102.6 71.9 107.9





#47

Dimethylphthalate

Concen: 9.532 ng/ul

RT: 14.420 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

JREA1MSD

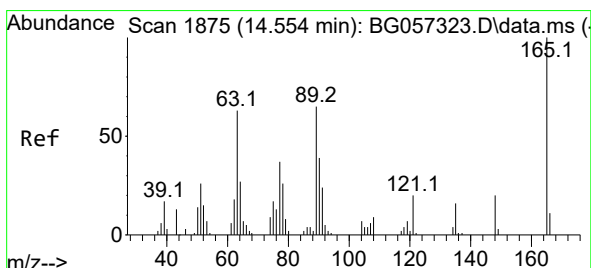
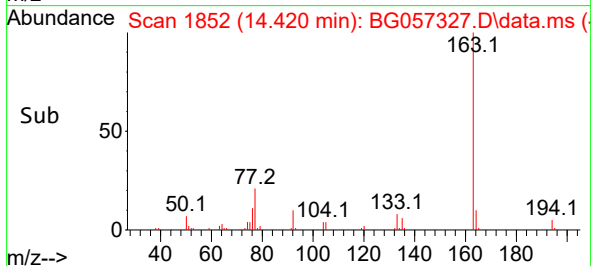
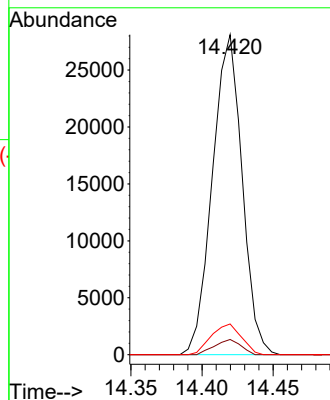
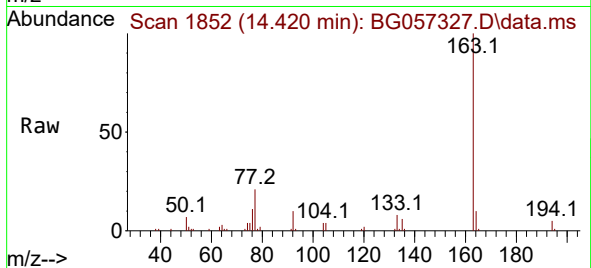
Tgt Ion:163 Resp: 40823

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

164 9.6 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 9.853 ng/ul

RT: 14.555 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

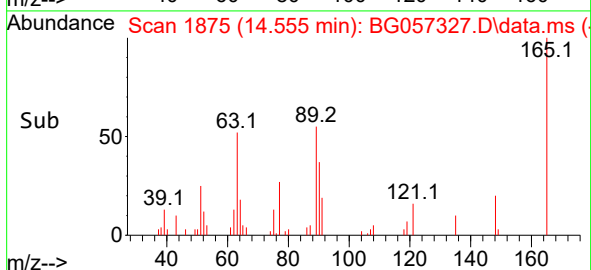
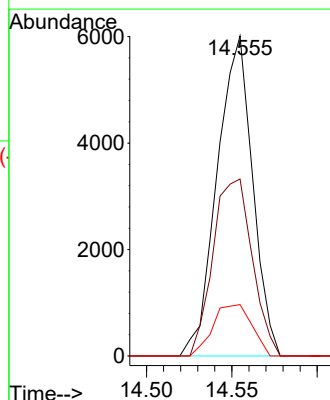
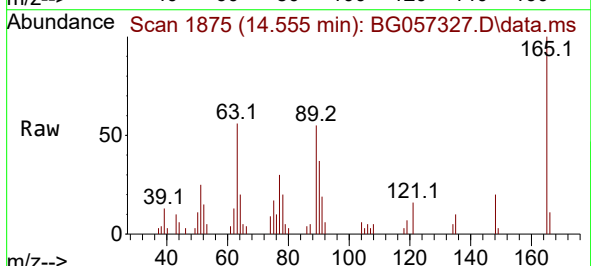
Tgt Ion:165 Resp: 8684

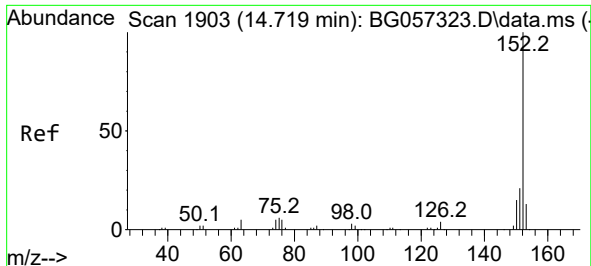
Ion Ratio Lower Upper

165 100

89 55.3 50.6 76.0

121 16.0 16.8 25.2#

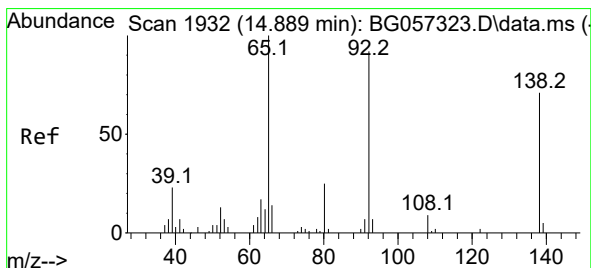
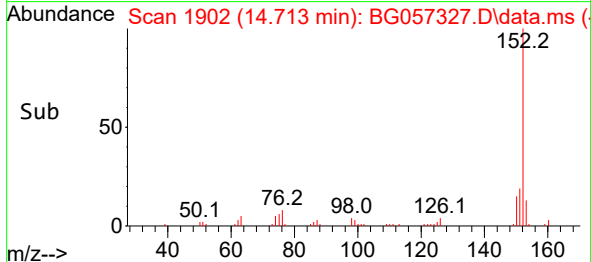
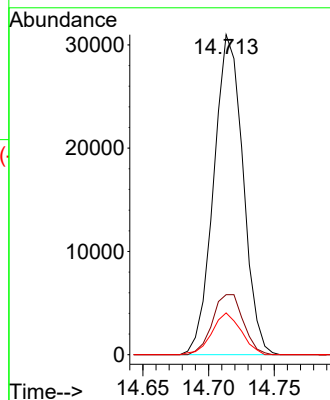
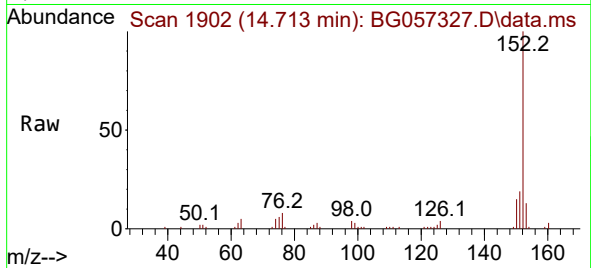




#50
Acenaphthylene
Concen: 9.879 ng/ul
RT: 14.713 min Scan# 1902
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

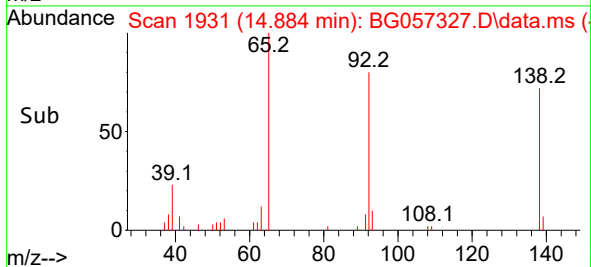
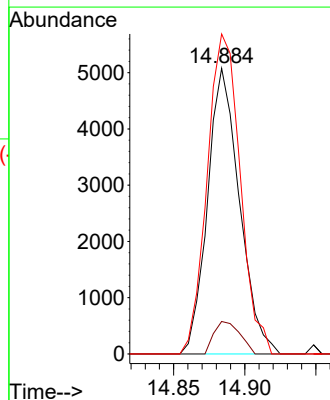
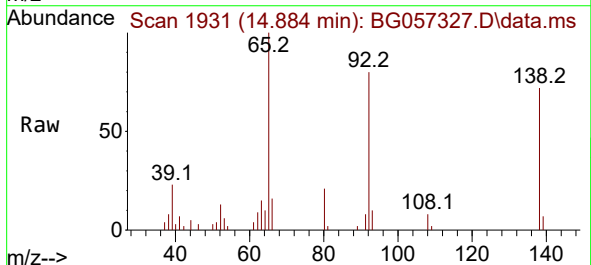
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

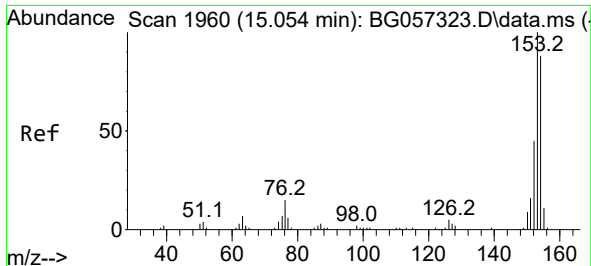
Tgt Ion:152 Resp: 48121
Ion Ratio Lower Upper
152 100
151 18.8 16.3 24.5
153 13.0 10.1 15.1



#51
3-Nitroaniline
Concen: 12.709 ng/ul
RT: 14.884 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:138 Resp: 7937
Ion Ratio Lower Upper
138 100
108 11.4 9.2 13.8
92 112.0 99.5 149.3

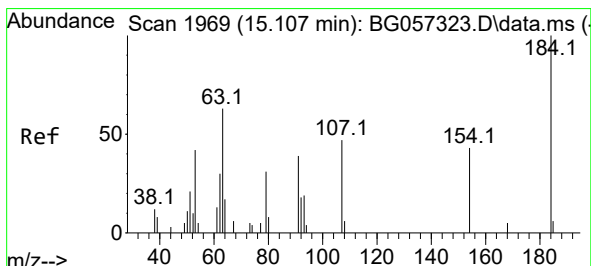
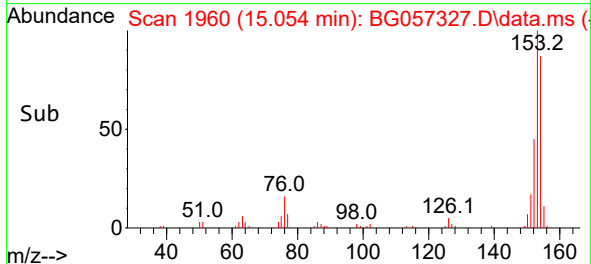
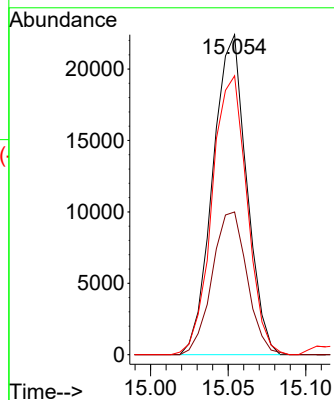
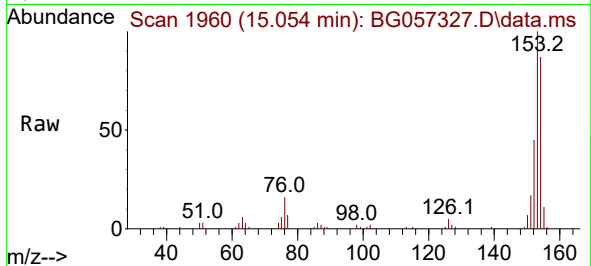




#52
Acenaphthene
Concen: 9.804 ng/ul
RT: 15.054 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

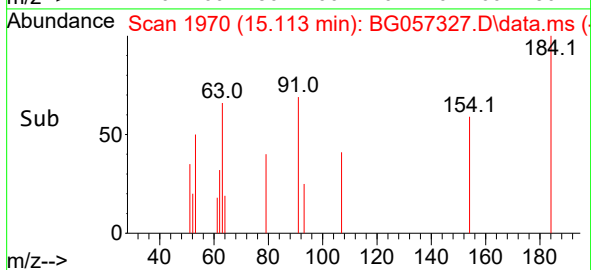
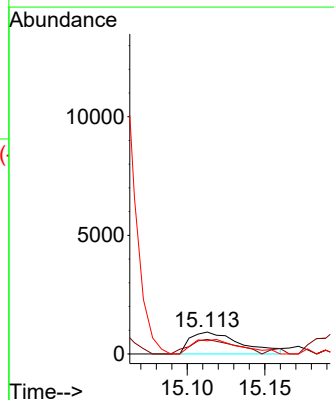
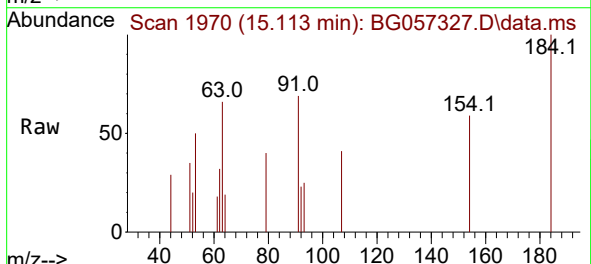
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

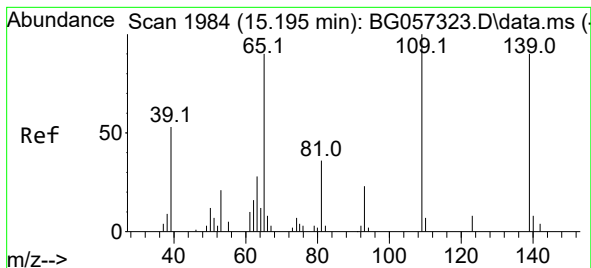
Tgt Ion:153 Resp: 34025
Ion Ratio Lower Upper
153 100
152 44.6 36.5 54.7
154 87.1 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 4.485 ng/ul
RT: 15.113 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:184 Resp: 2105
Ion Ratio Lower Upper
184 100
63 66.1 48.3 72.5
154 59.4 50.0 75.0





#55

4-Nitrophenol

Concen: 7.421 ng/ul

RT: 15.201 min Scan# 1984

Delta R.T. 0.006 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

JREA1MSD

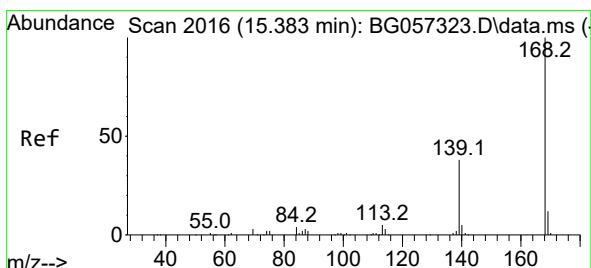
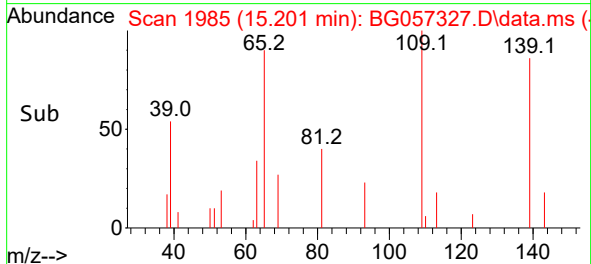
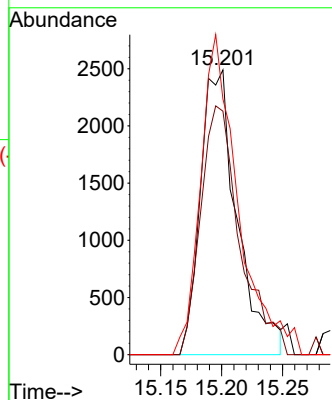
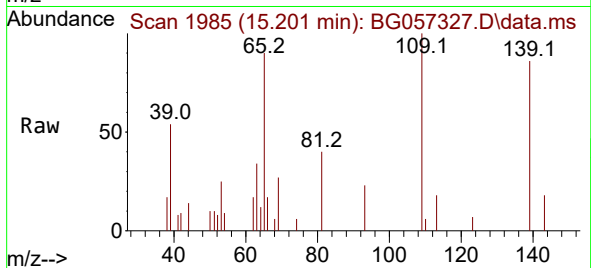
Tgt Ion:109 Resp: 5222

Ion Ratio Lower Upper

109 100

139 85.5 73.8 110.8

65 89.8 81.7 122.5



#56

Dibenzofuran

Concen: 9.927 ng/ul

RT: 15.383 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BG057327.D

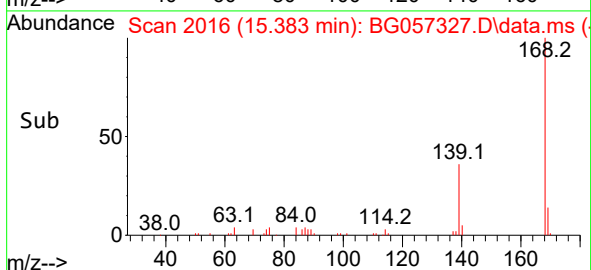
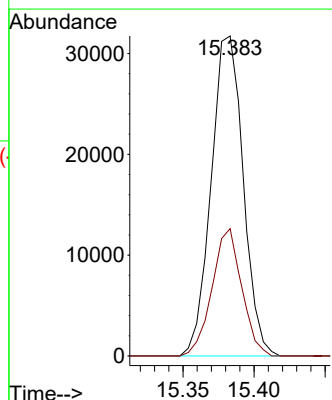
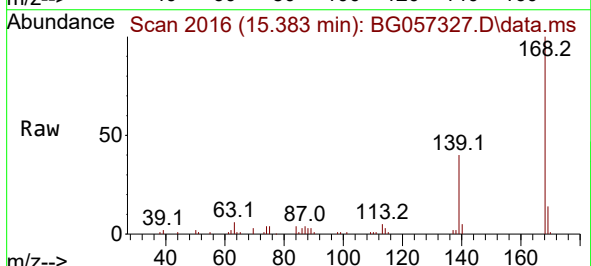
Acq: 8 May 2023 11:54

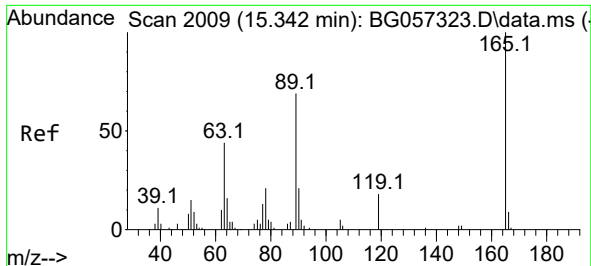
Tgt Ion:168 Resp: 49751

Ion Ratio Lower Upper

168 100

139 39.8 29.6 44.4

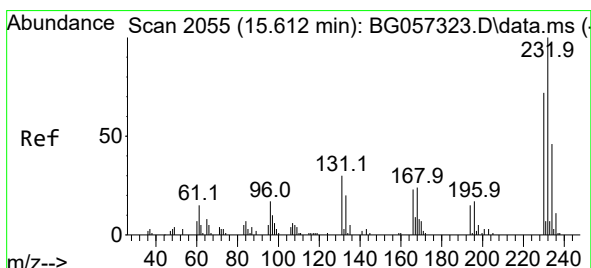
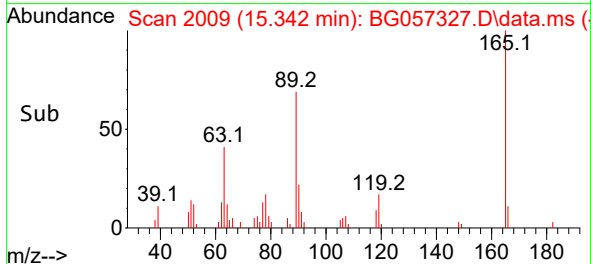
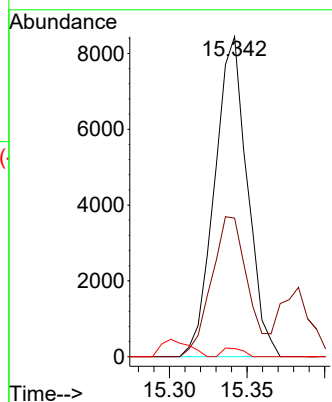
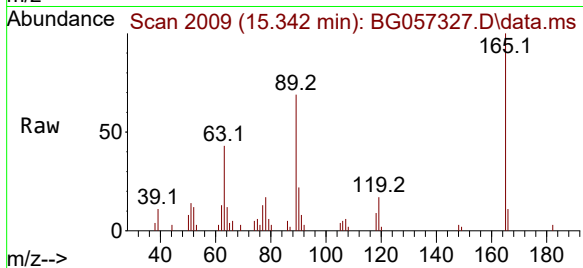




#57
2,4-Dinitrotoluene
Concen: 9.802 ng/ul
RT: 15.342 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

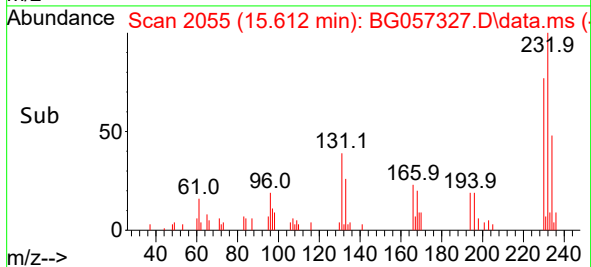
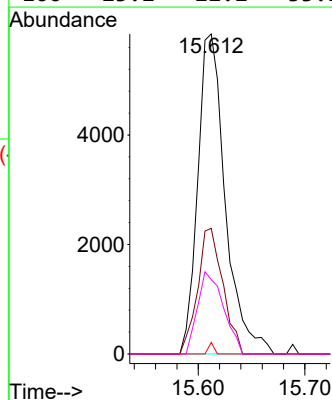
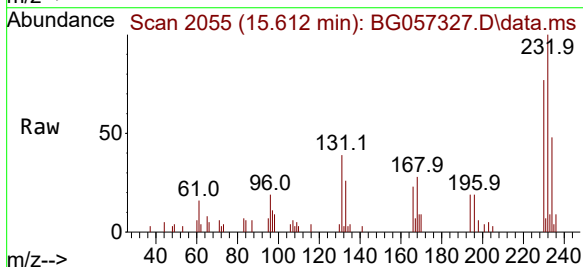
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

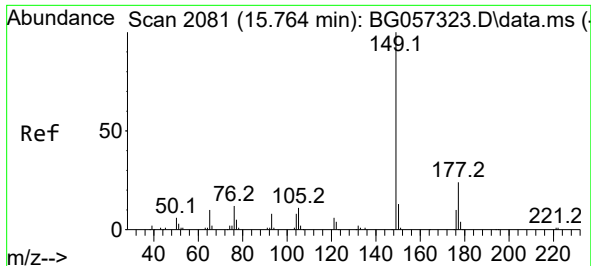
Tgt Ion:165 Resp: 12368
Ion Ratio Lower Upper
165 100
63 43.3 35.9 53.9
182 2.6 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 9.443 ng/ul
RT: 15.612 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:232 Resp: 10494
Ion Ratio Lower Upper
232 100
131 39.3 28.6 43.0
130 3.6 1.8 2.6#
166 23.2 22.2 33.2

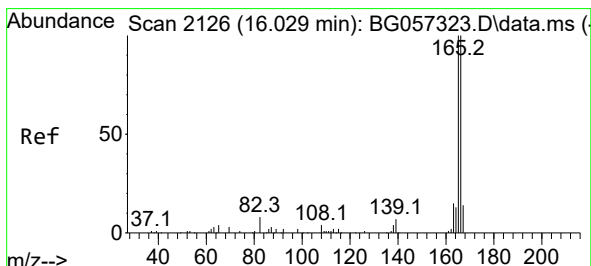
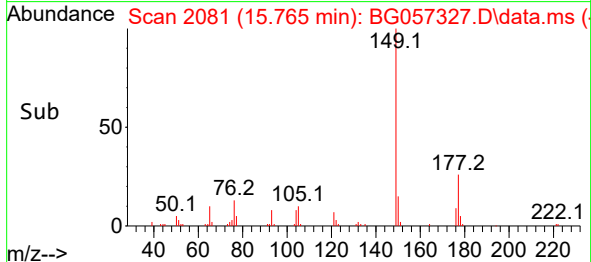
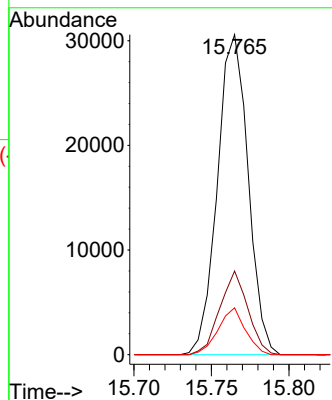
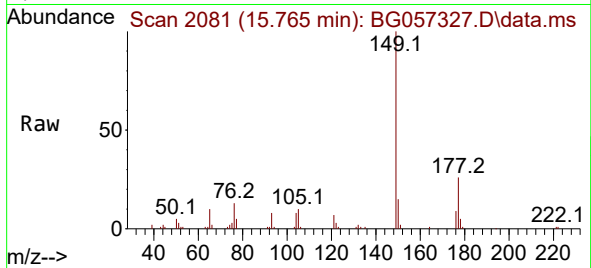




#59
Diethylphthalate
Concen: 9.669 ng/ul
RT: 15.765 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

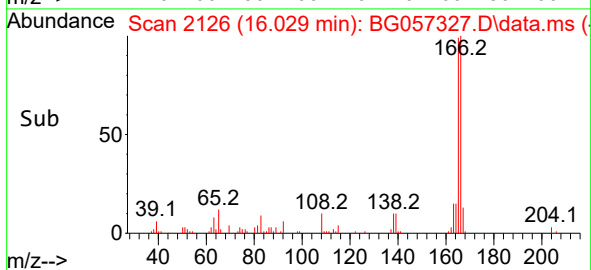
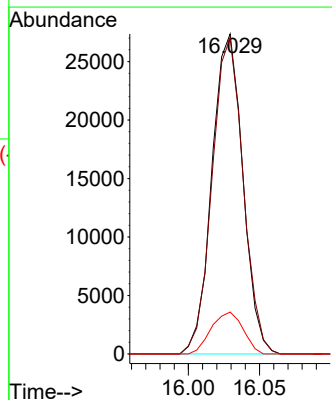
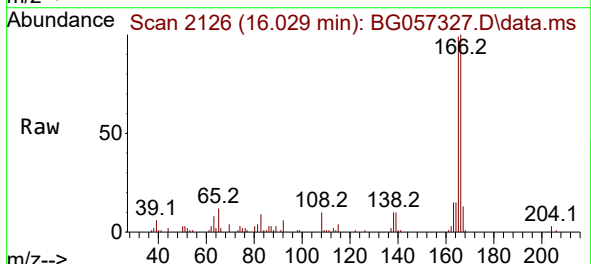
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

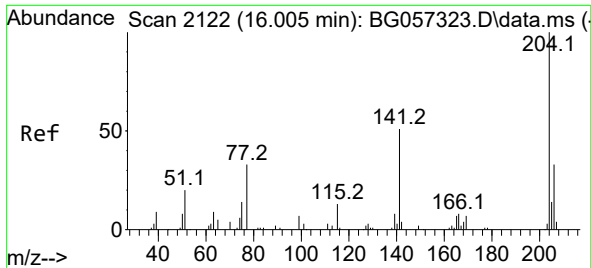
Tgt Ion:149 Resp: 42073
Ion Ratio Lower Upper
149 100
177 26.1 18.6 28.0
150 14.6 9.8 14.8



#61
Fluorene
Concen: 9.753 ng/ul
RT: 16.029 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:166 Resp: 41331
Ion Ratio Lower Upper
166 100
165 98.8 80.1 120.1
167 13.1 10.2 15.4

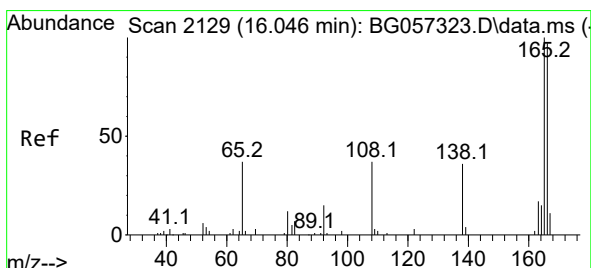
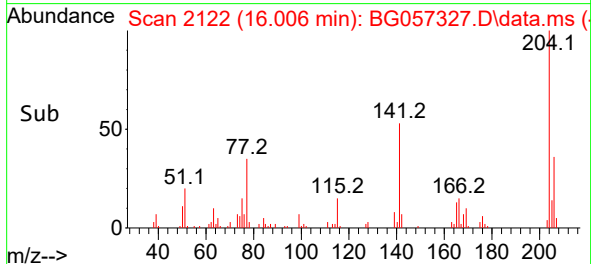
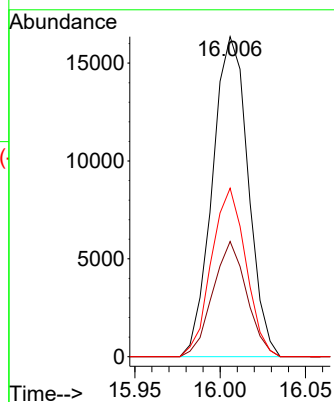
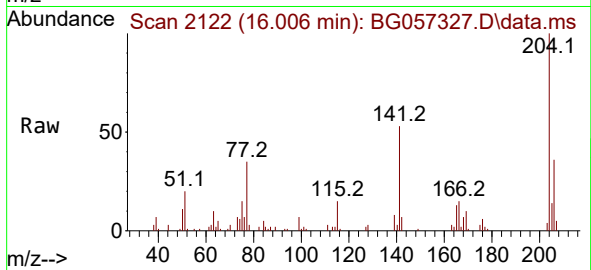




#62
4-Chlorophenyl-phenylether
Concen: 9.633 ng/ul
RT: 16.006 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

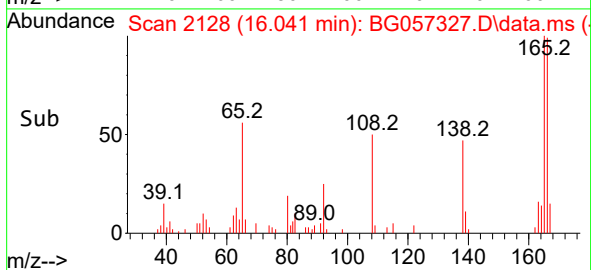
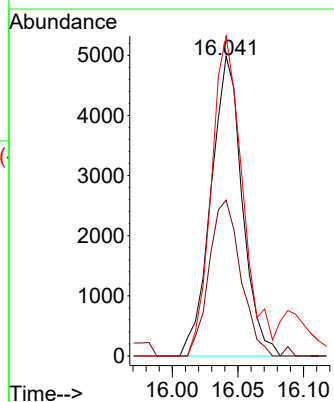
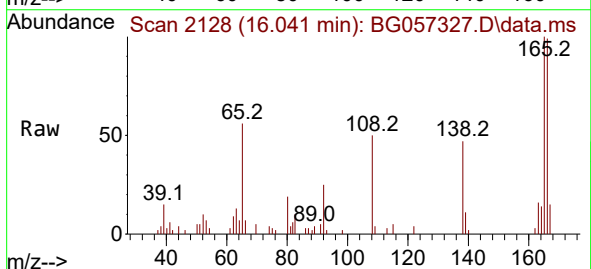
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

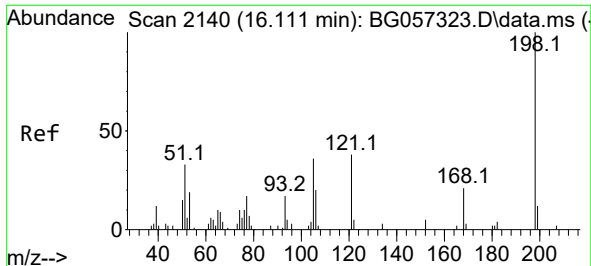
Tgt Ion:204 Resp: 23827
Ion Ratio Lower Upper
204 100
206 36.0 26.5 39.7
141 52.7 41.5 62.3



#63
4-Nitroaniline
Concen: 13.953 ng/ul
RT: 16.041 min Scan# 2128
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:138 Resp: 8252
Ion Ratio Lower Upper
138 100
92 52.0 39.9 59.9
108 106.8 89.1 133.7

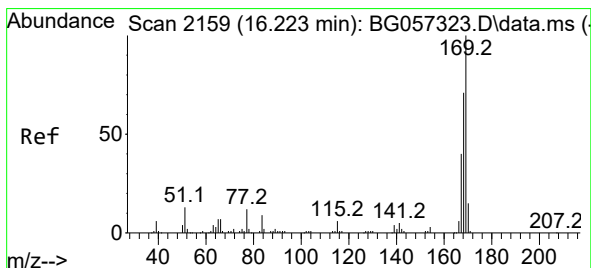
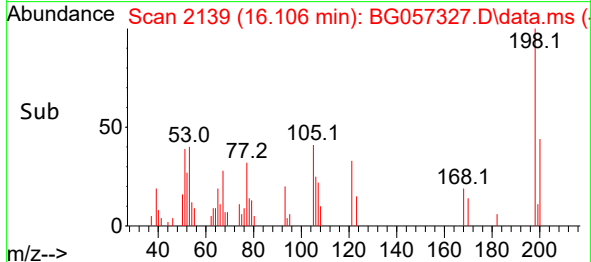
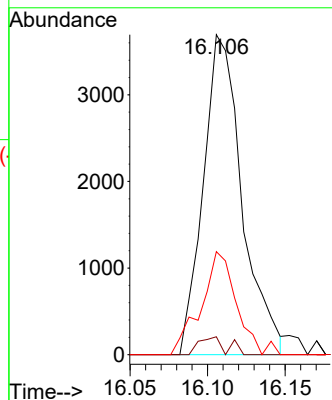
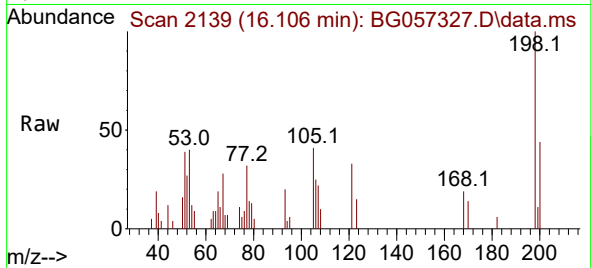




#66
 4,6-Dinitro-2-methylphenol
 Concen: 8.059 ng/ul
 RT: 16.106 min Scan# 2139
 Delta R.T. -0.005 min
 Lab File: BG057327.D
 Acq: 8 May 2023 11:54

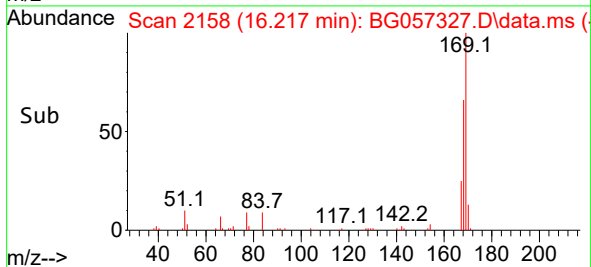
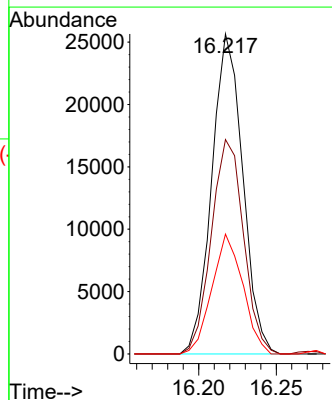
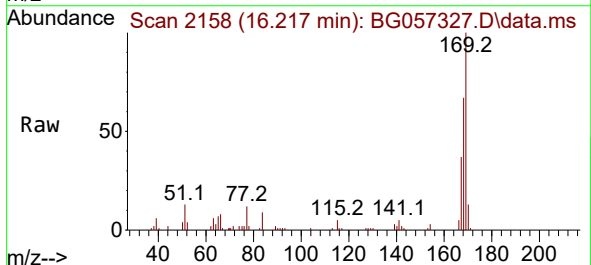
Instrument :
 BNA_G
 ClientSampleId :
 JREA1MSD

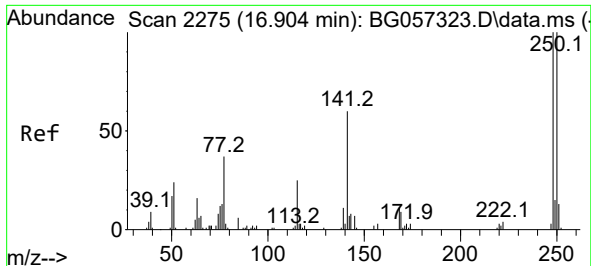
Tgt Ion:198 Resp: 6414
 Ion Ratio Lower Upper
 198 100
 182 5.6 3.0 4.6#
 77 32.2 20.1 30.1#



#67
 N-Nitrosodiphenylamine
 Concen: 10.346 ng/ul
 RT: 16.217 min Scan# 2158
 Delta R.T. -0.005 min
 Lab File: BG057327.D
 Acq: 8 May 2023 11:54

Tgt Ion:169 Resp: 35630
 Ion Ratio Lower Upper
 169 100
 168 67.0 55.4 83.2
 167 37.5 31.0 46.4

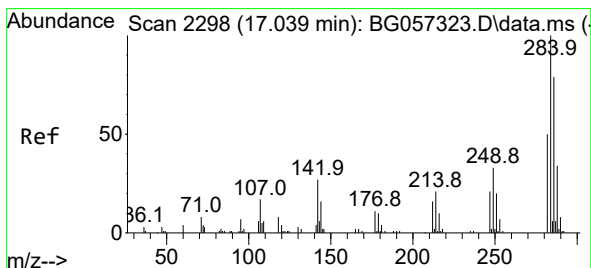
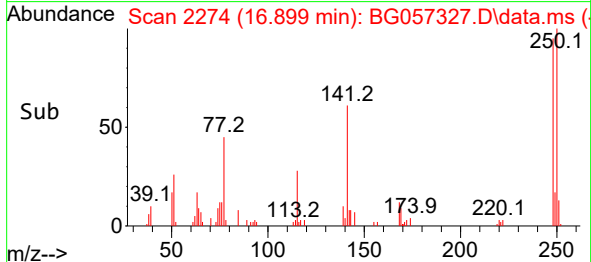
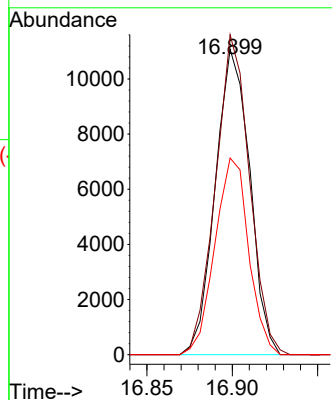
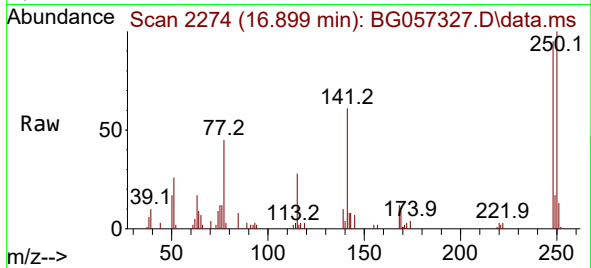




#68
4-Bromophenyl-phenylether
Concen: 9.869 ng/ul
RT: 16.899 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

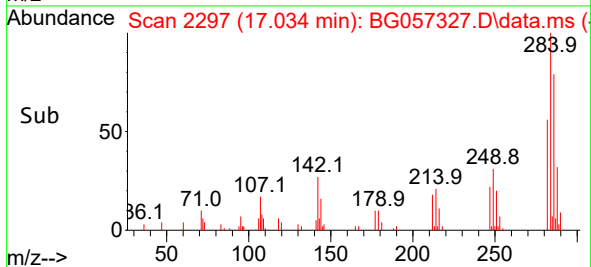
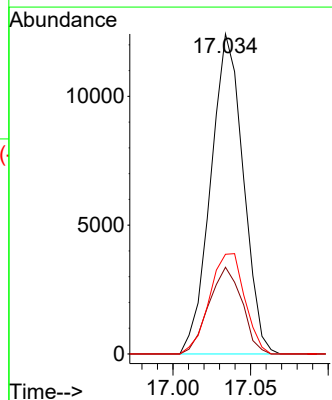
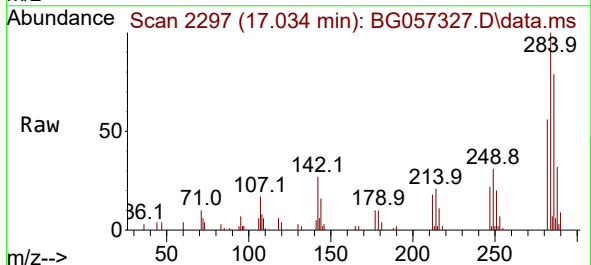
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

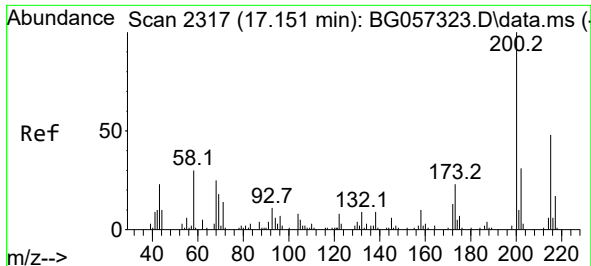
Tgt Ion:248 Resp: 15550
Ion Ratio Lower Upper
248 100
250 104.8 74.8 112.2
141 64.4 47.8 71.6



#69
Hexachlorobenzene
Concen: 10.903 ng/ul
RT: 17.034 min Scan# 2297
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:284 Resp: 18091
Ion Ratio Lower Upper
284 100
142 27.1 22.6 33.8
249 31.2 26.2 39.2

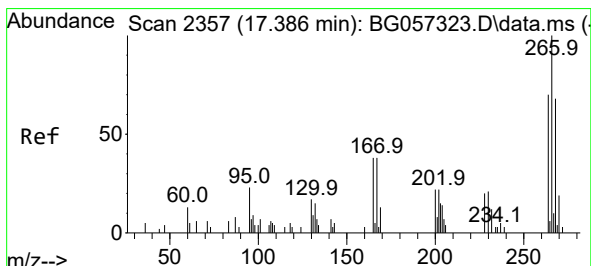
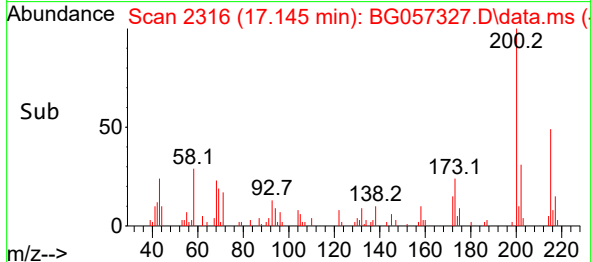
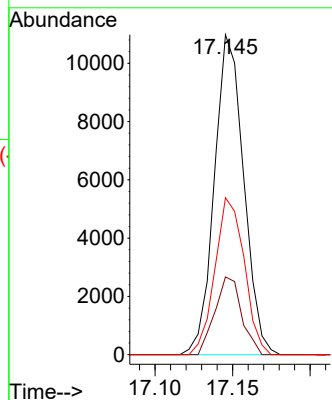
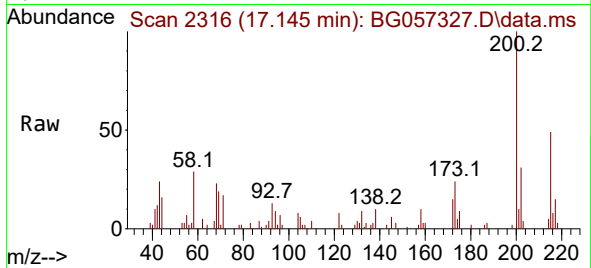




#70
Atrazine
Concen: 9.426 ng/ul
RT: 17.145 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

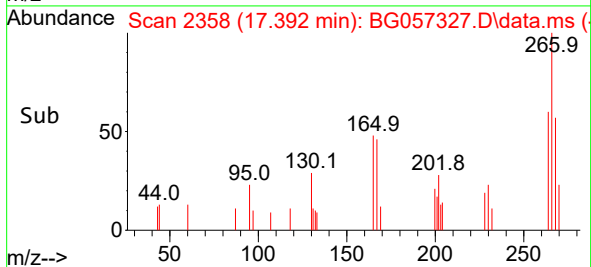
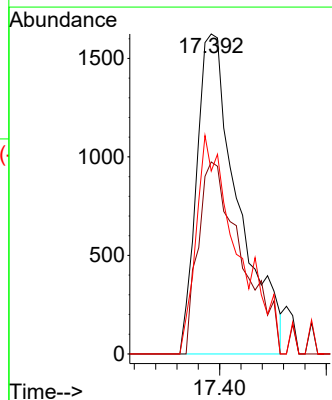
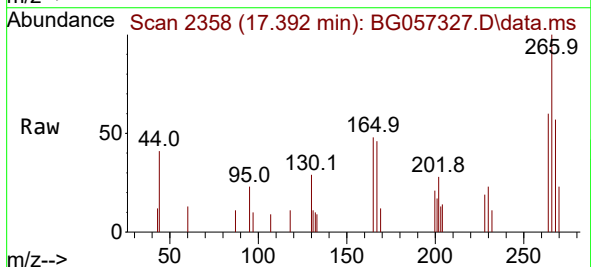
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

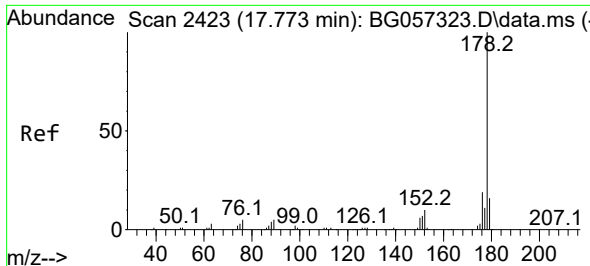
Tgt Ion:200 Resp: 14426
Ion Ratio Lower Upper
200 100
173 24.3 17.8 26.6
215 49.0 40.3 60.5



#71
Pentachlorophenol
Concen: 5.734 ng/ul
RT: 17.392 min Scan# 2358
Delta R.T. 0.006 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:266 Resp: 4398
Ion Ratio Lower Upper
266 100
264 60.0 47.8 71.6
268 57.1 48.2 72.4

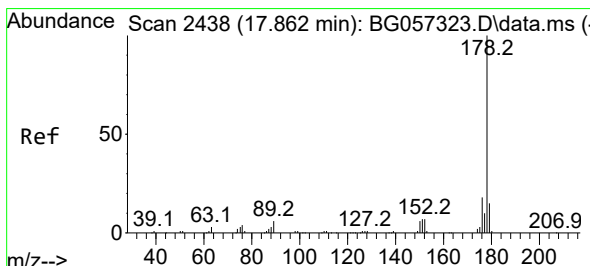
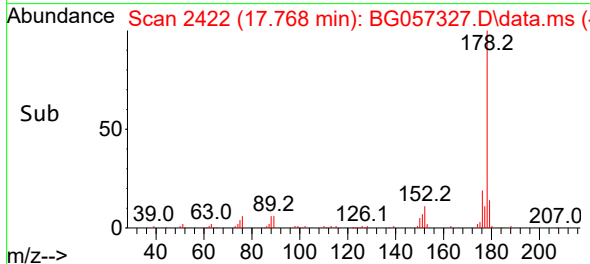
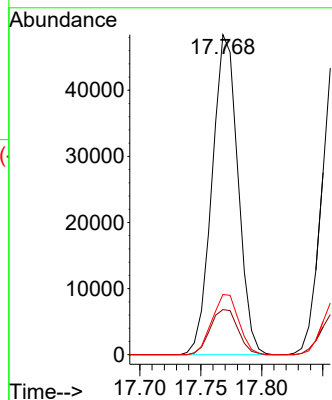
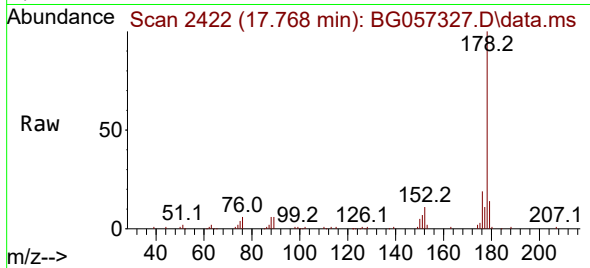




#72
Phenanthrene
Concen: 10.422 ng/ul
RT: 17.768 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

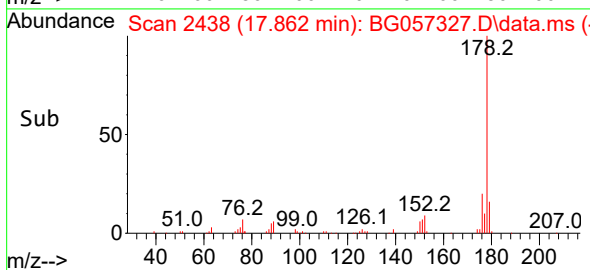
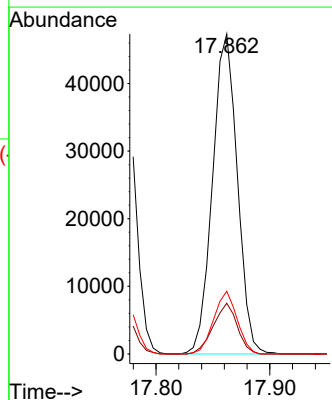
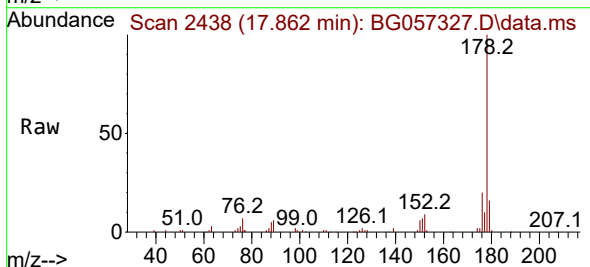
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

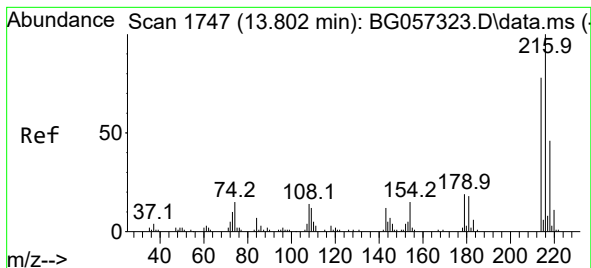
Tgt Ion:178 Resp: 71546
Ion Ratio Lower Upper
178 100
179 14.1 11.8 17.8
176 18.8 15.4 23.0



#74
Anthracene
Concen: 10.381 ng/ul
RT: 17.862 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:178 Resp: 71590
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.6 14.7 22.1

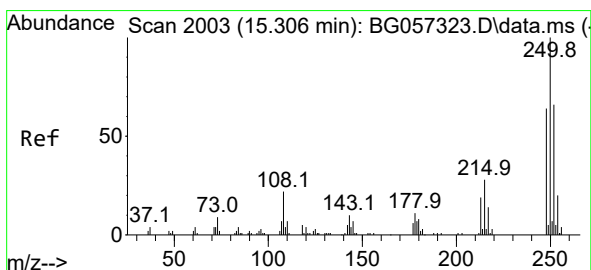
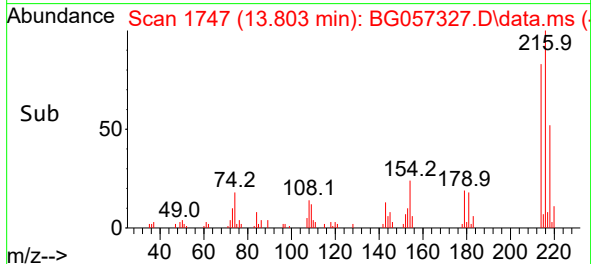
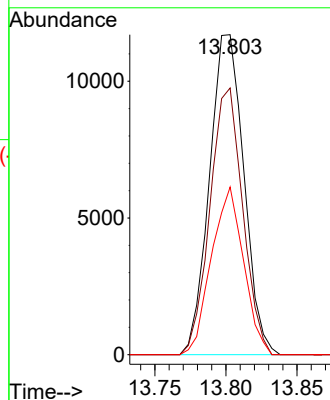
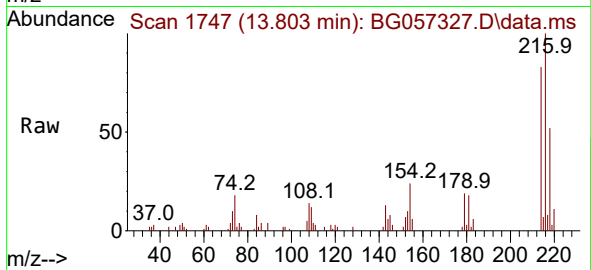




#75
1,2,3,4-Tetrachlorobenzene
Concen: 9.944 ng/uL
RT: 13.803 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

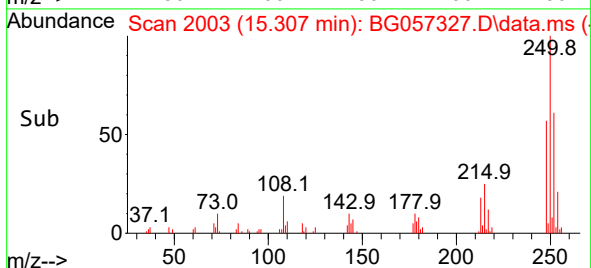
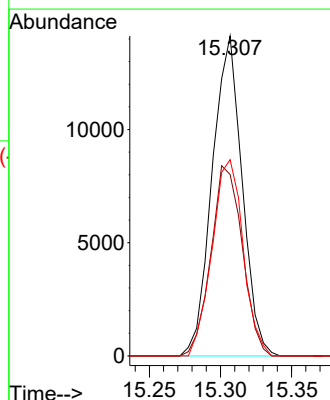
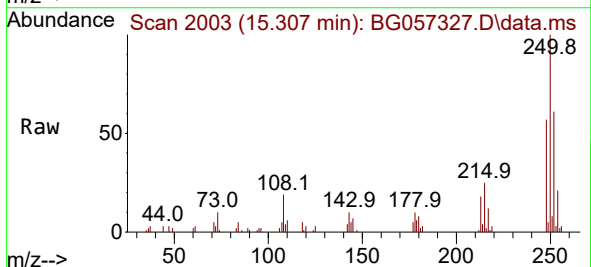
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

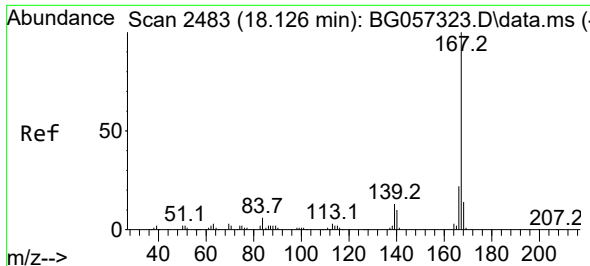
Tgt Ion:216 Resp: 19717
Ion Ratio Lower Upper
216 100
214 83.3 64.3 96.5
218 52.4 38.5 57.7



#76
Pentachlorobenzene
Concen: 10.237 ng/uL
RT: 15.307 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:250 Resp: 20662
Ion Ratio Lower Upper
250 100
248 56.7 52.2 78.2
252 61.3 52.5 78.7

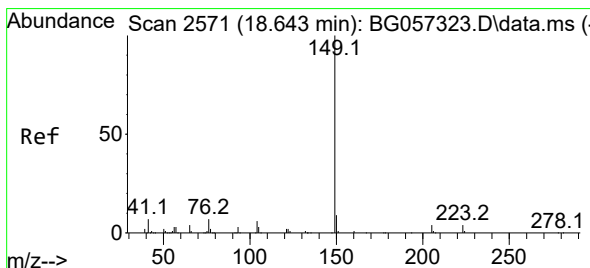
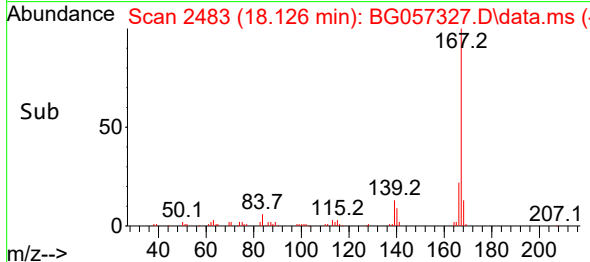
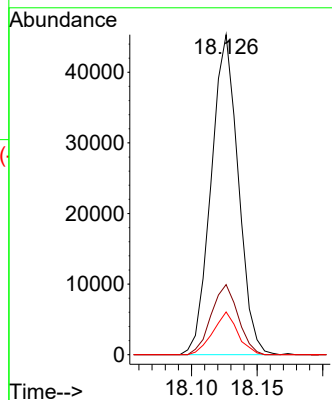
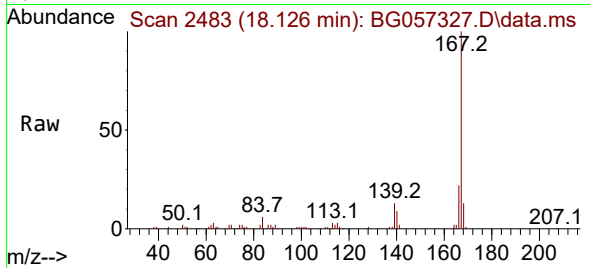




#77
 Carbazole
 Concen: 11.286 ng/ul
 RT: 18.126 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: BG057327.D
 Acq: 8 May 2023 11:54

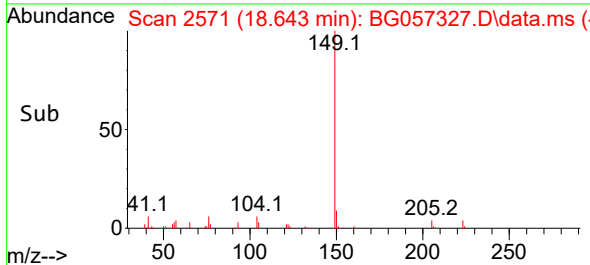
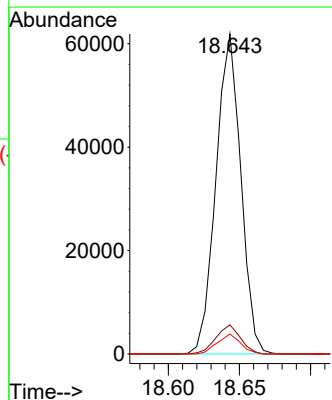
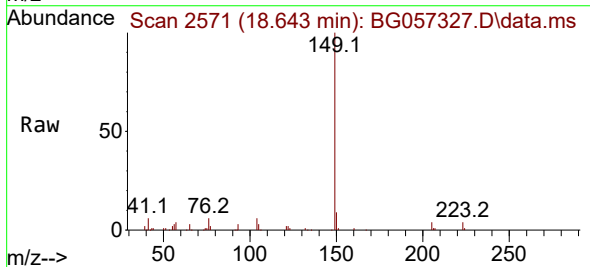
Instrument :
 BNA_G
 ClientSampleId :
 JREA1MSD

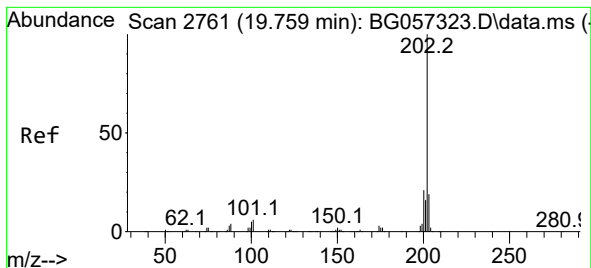
Tgt Ion:167 Resp: 65043
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 13.4 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 11.420 ng/ul
 RT: 18.643 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BG057327.D
 Acq: 8 May 2023 11:54

Tgt Ion:149 Resp: 75257
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 6.3 5.0 7.6





#80

Fluoranthene

Concen: 11.415 ng/ul

RT: 19.760 min Scan# 2761

Delta R.T. 0.000 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

JREA1MSD

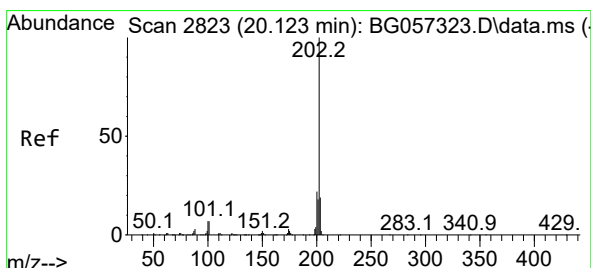
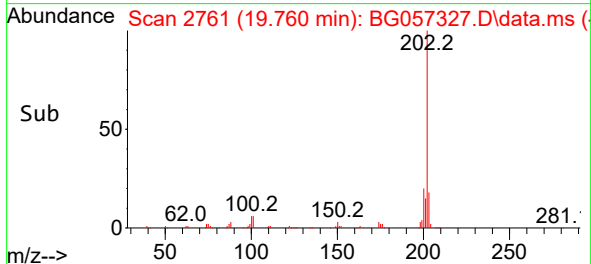
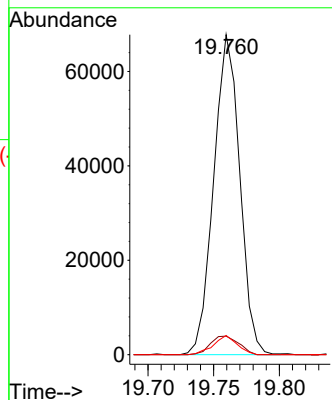
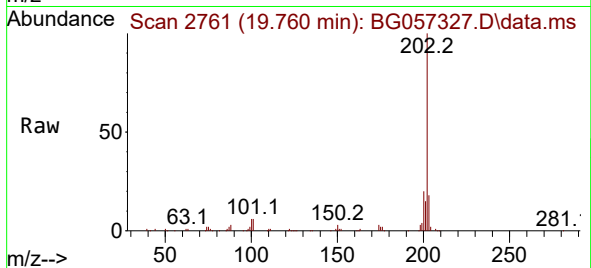
Tgt Ion:202 Resp: 93454

Ion Ratio Lower Upper

202 100

101 5.8 5.8 8.6

100 6.0 4.6 7.0



#82

Pyrene

Concen: 11.352 ng/ul

RT: 20.124 min Scan# 2823

Delta R.T. 0.000 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

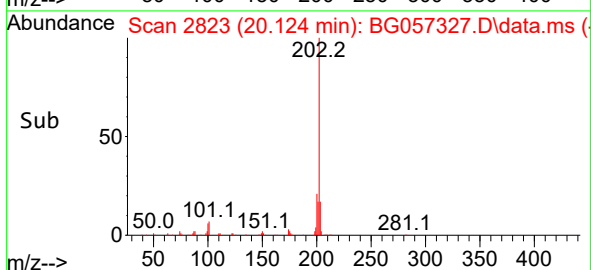
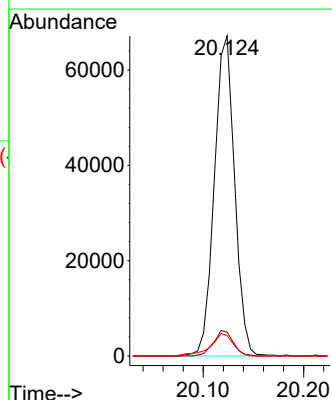
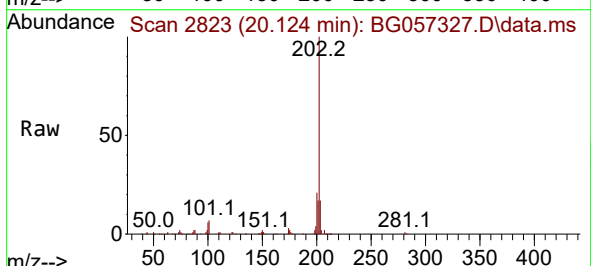
Tgt Ion:202 Resp: 94090

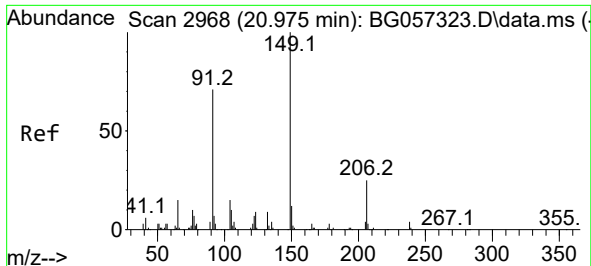
Ion Ratio Lower Upper

202 100

101 7.4 5.7 8.5

100 6.3 6.0 9.0

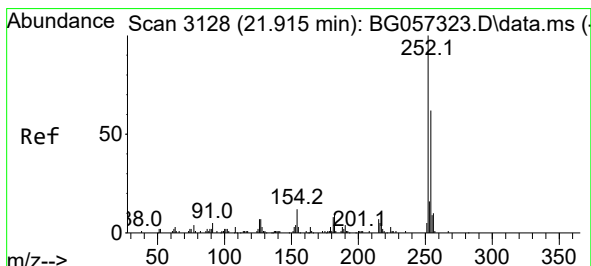
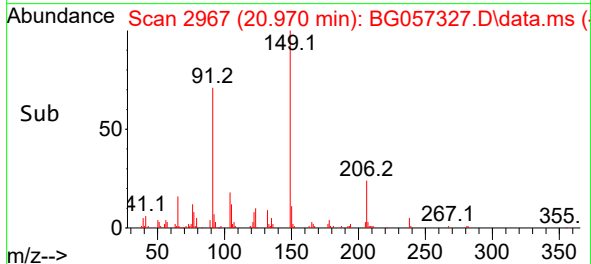
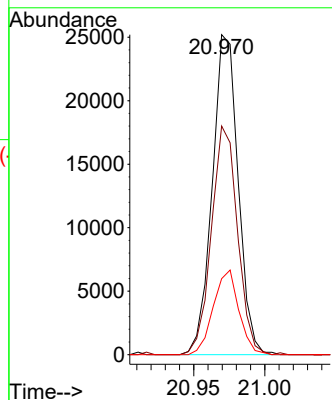
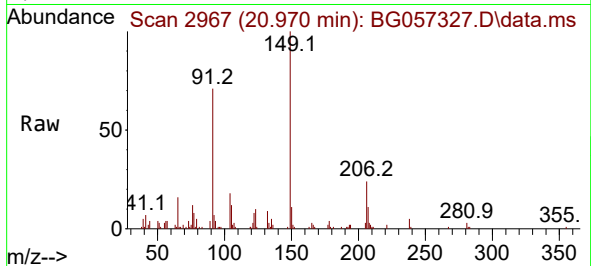




#83
Butylbenzylphthalate
Concen: 12.024 ng/ul
RT: 20.970 min Scan# 2967
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

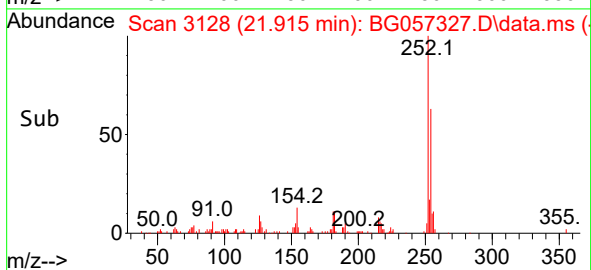
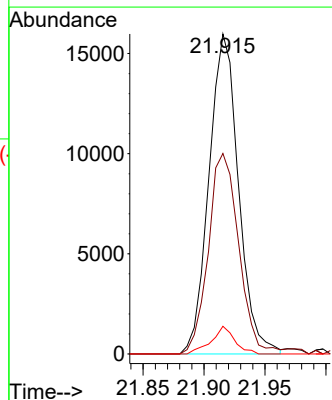
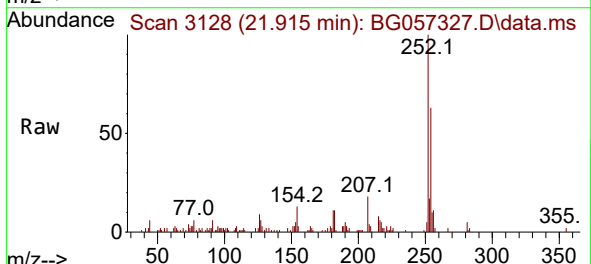
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

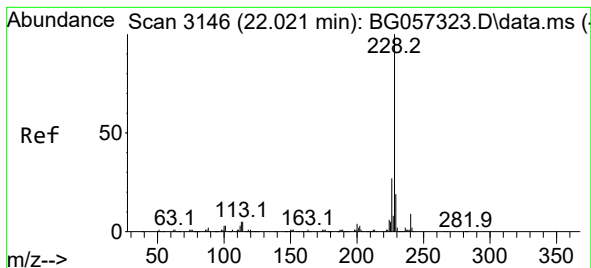
Tgt Ion:149 Resp: 31914
Ion Ratio Lower Upper
149 100
91 71.4 58.6 87.8
206 23.8 19.8 29.8



#84
3,3'-Dichlorobenzidine
Concen: 10.462 ng/ul
RT: 21.915 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:252 Resp: 26978
Ion Ratio Lower Upper
252 100
254 62.7 53.7 80.5
126 8.7 5.2 7.8#





#85

Benzo(a)anthracene

Concen: 11.275 ng/ul

RT: 22.021 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

JREA1MSD

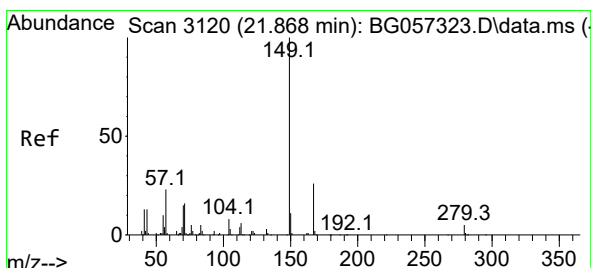
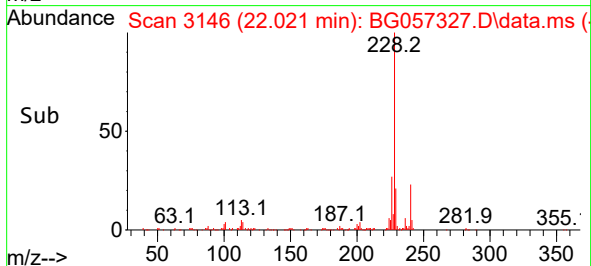
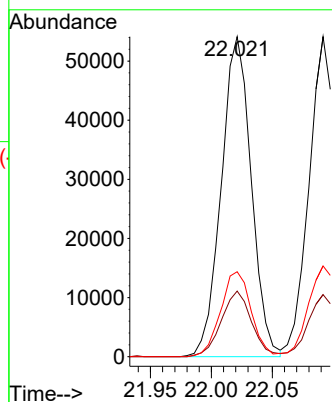
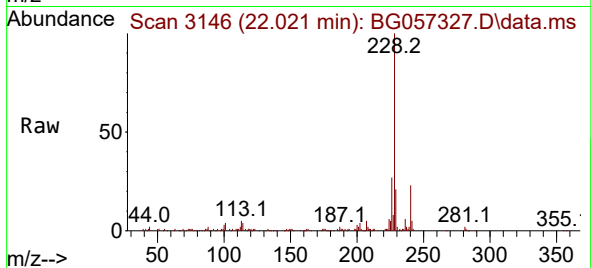
Tgt Ion:228 Resp: 92596

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

226 26.6 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 11.877 ng/ul

RT: 21.863 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

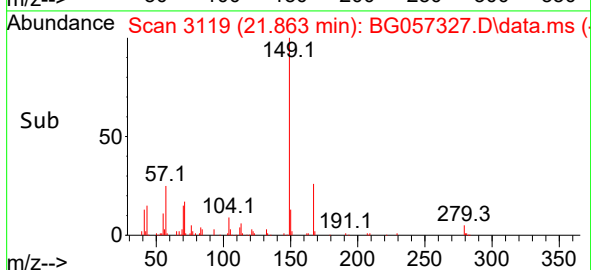
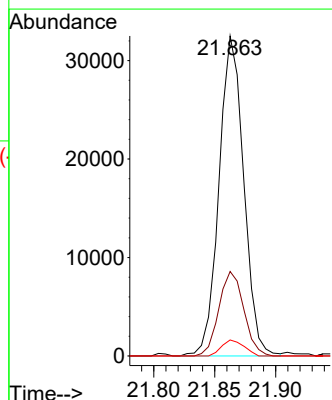
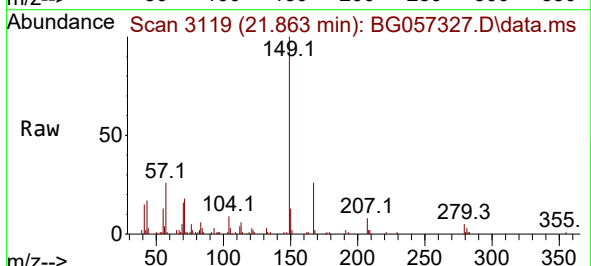
Tgt Ion:149 Resp: 45850

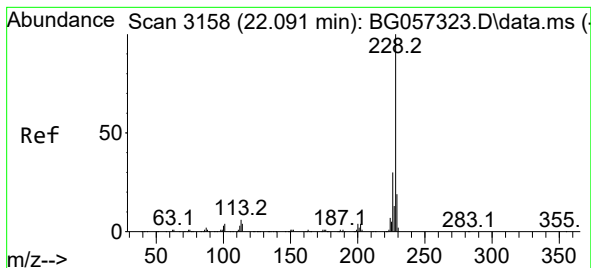
Ion Ratio Lower Upper

149 100

167 26.4 23.0 34.6

279 5.0 3.6 5.4





#87

Chrysene

Concen: 11.219 ng/ul

RT: 22.092 min Scan# 3158

Delta R.T. 0.000 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

JREA1MSD

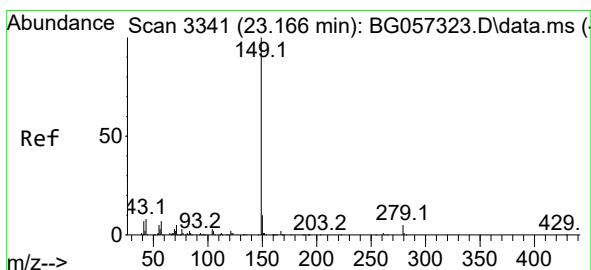
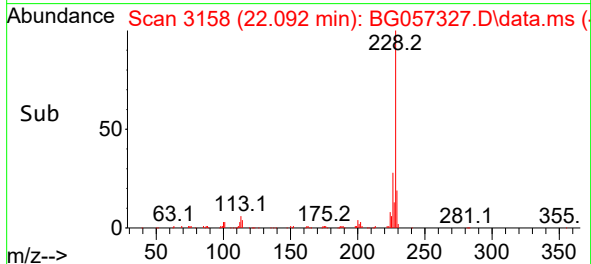
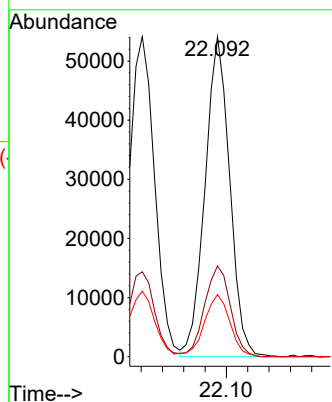
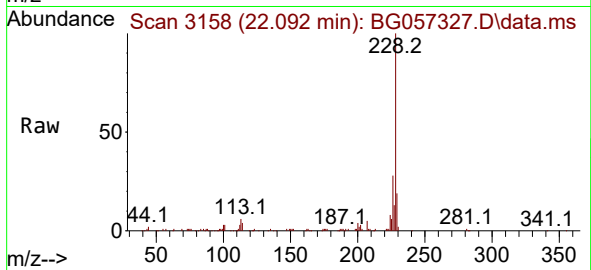
Tgt Ion:228 Resp: 86925

Ion Ratio Lower Upper

228 100

226 28.3 22.8 34.2

229 19.4 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 11.591 ng/ul

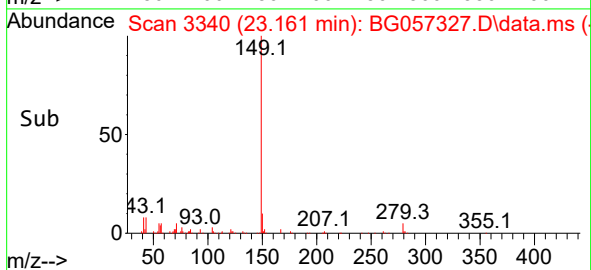
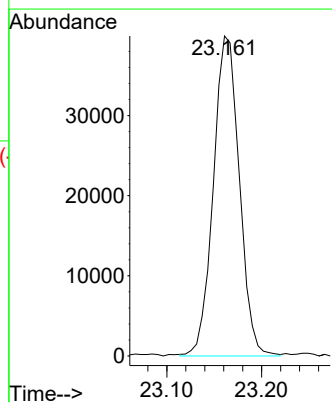
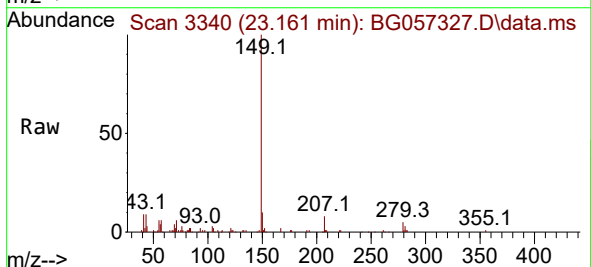
RT: 23.161 min Scan# 3340

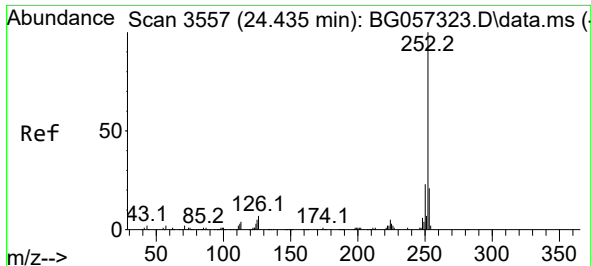
Delta R.T. -0.005 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Tgt Ion:149 Resp: 76025

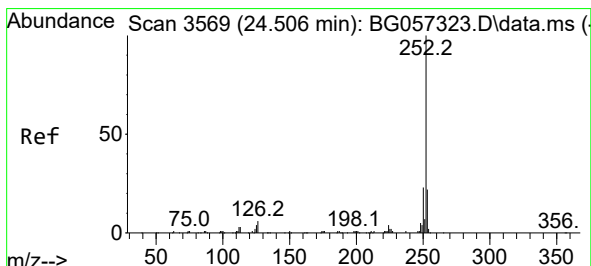
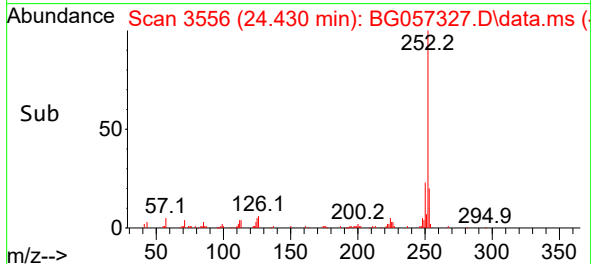
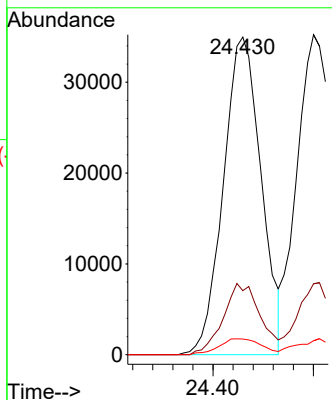
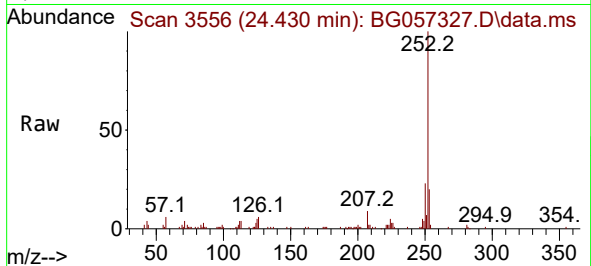




#90
Benzo(b)fluoranthene
Concen: 11.115 ng/ul
RT: 24.430 min Scan# 3556
Delta R.T. -0.005 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

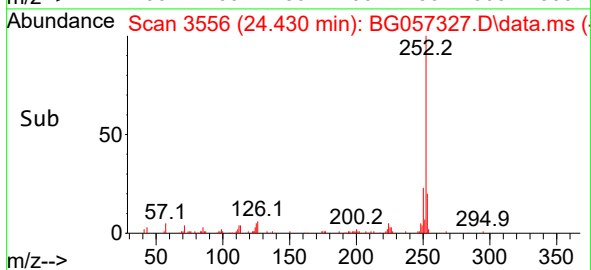
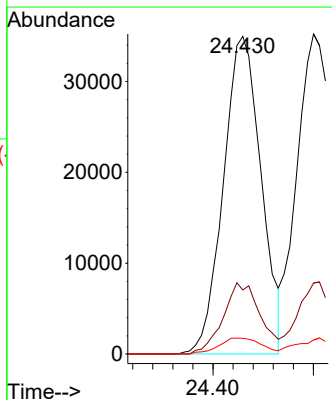
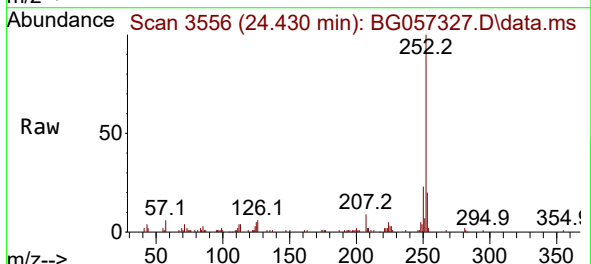
Instrument :
BNA_G
ClientSampleId :
JREA1MSD

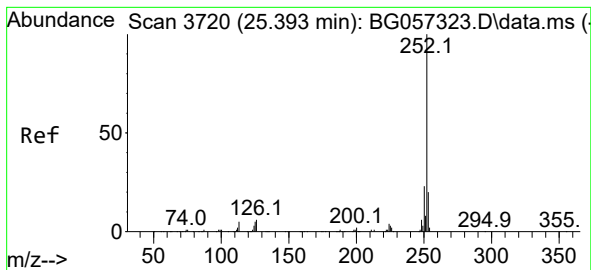
Tgt Ion:252 Resp: 91424
Ion Ratio Lower Upper
252 100
253 20.2 16.7 25.1
125 4.9 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 11.425 ng/ul
RT: 24.430 min Scan# 3556
Delta R.T. -0.076 min
Lab File: BG057327.D
Acq: 8 May 2023 11:54

Tgt Ion:252 Resp: 91424
Ion Ratio Lower Upper
252 100
253 20.2 17.7 26.5
125 4.9 4.5 6.7





#93

Benzo(a)pyrene

Concen: 11.105 ng/ul

RT: 25.393 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

JREA1MSD

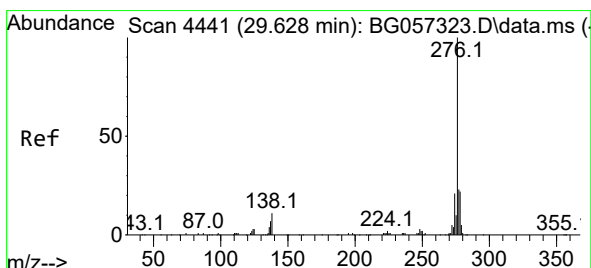
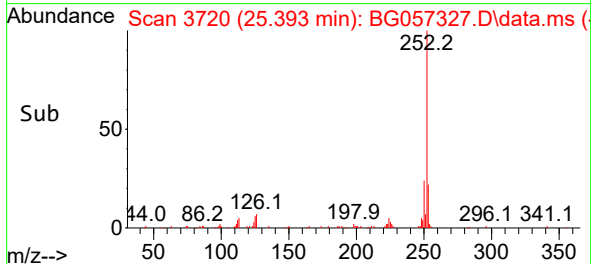
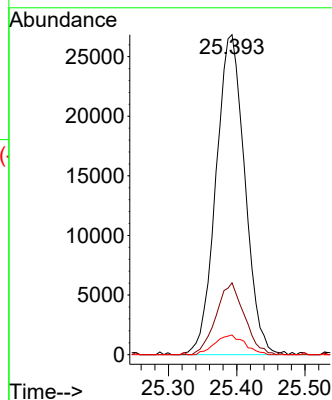
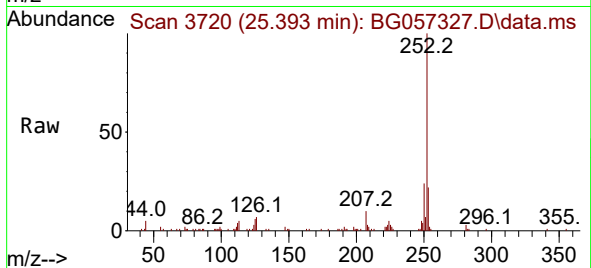
Tgt Ion:252 Resp: 78854

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 6.2 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.282 ng/ul

RT: 29.623 min Scan# 4440

Delta R.T. -0.005 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

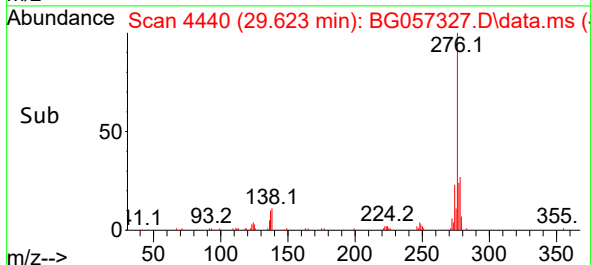
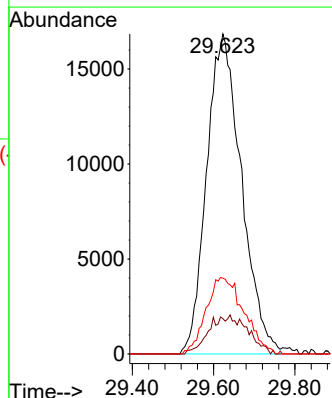
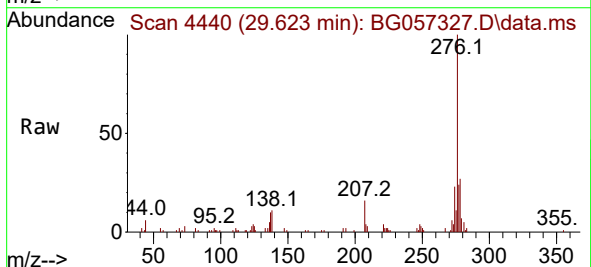
Tgt Ion:276 Resp: 100140

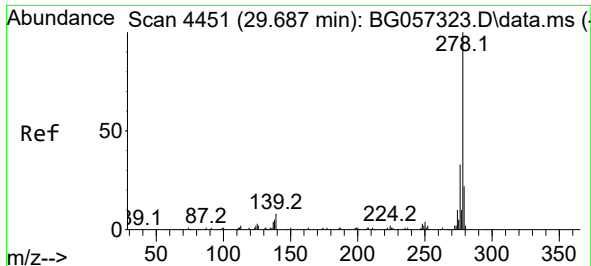
Ion Ratio Lower Upper

276 100

138 11.0 9.4 14.2

277 23.7 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 11.389 ng/ul

RT: 29.670 min Scan# 4451

Delta R.T. -0.017 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

JREA1MSD

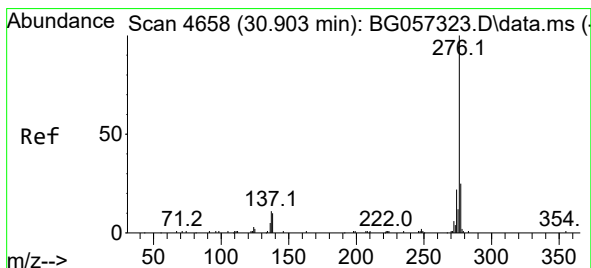
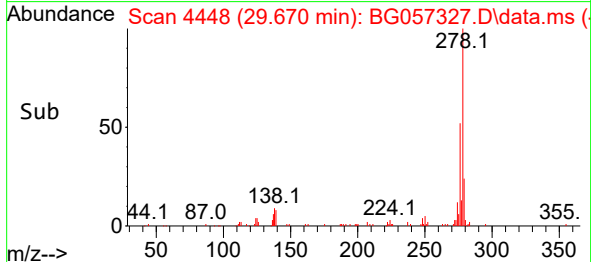
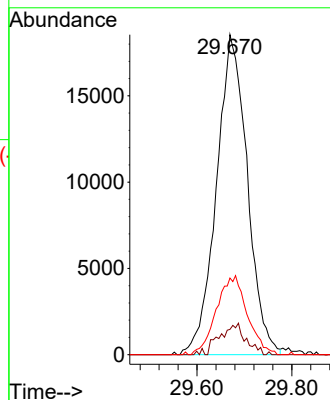
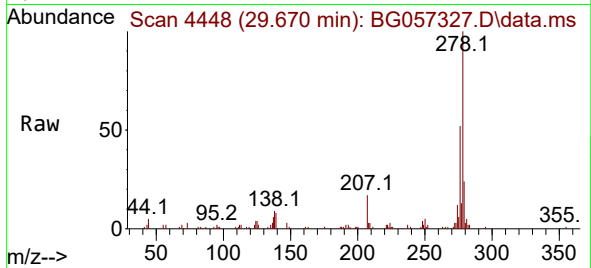
Tgt Ion:278 Resp: 83828

Ion Ratio Lower Upper

278 100

139 7.9 5.8 8.6

279 23.9 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 9.526 ng/ul

RT: 30.897 min Scan# 4657

Delta R.T. -0.005 min

Lab File: BG057327.D

Acq: 8 May 2023 11:54

Tgt Ion:276 Resp: 68434

Ion Ratio Lower Upper

276 100

138 9.7 8.7 13.1

277 24.6 18.4 27.6

