

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059142.D
 Acq On : 21 Sep 2023 13:49
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 01:09:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 04:25:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.297	152	35205	20.000	ng/u1	0.00
20) Naphthalene-d8	11.140	136	165554	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.924	164	108019	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.674	188	249446	20.000	ng/u1	0.00
79) Chrysene-d12	21.998	240	214193	20.000	ng/u1	# 0.00
88) Perylene-d12	25.547	264	248727	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.608	96	6988	7.769	ng/uL	0.00
4) Pyridine-d5	4.037	84	53892	20.424	ng/u1	0.00
7) Phenol-d5	7.409	99	70952	20.496	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.615	67	45858	21.587	ng/u1	0.00
11) 2-Chlorophenol-d4	7.809	132	53589	20.978	ng/u1	0.00
15) 4-Methylphenol-d8	8.984	113	56245	20.401	ng/u1	0.00
21) Nitrobenzene-d5	9.489	128	26519	20.759	ng/u1	0.00
24) 2-Nitrophenol-d4	10.212	143	29592	22.930	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.735	165	55649	22.714	ng/u1	0.00
31) 4-Chloroaniline-d4	11.287	131	81497	21.312	ng/u1	0.00
46) Dimethylphthalate-d6	14.319	166	177784	21.400	ng/u1	0.00
49) Acenaphthylene-d8	14.630	160	219306	21.681	ng/u1	0.00
54) 4-Nitrophenol-d4	15.100	143	32415	21.387	ng/u1	0.00
60) Fluorene-d10	15.911	176	167445	22.020	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.023	200	29900	21.084	ng/u1	0.00
73) Anthracene-d10	17.774	188	250764	22.094	ng/u1	0.00
81) Pyrene-d10	20.048	212	275291	21.989	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.294	264	263399	21.688	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.643	88	8162	8.025	ng/uL#	67
5) Pyridine	4.060	79	53709	19.976	ng/u1	98
6) Benzaldehyde	7.445	77	44067	24.551	ng/u1	98
8) Phenol	7.439	94	73620	20.691	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.709	93	58638	20.527	ng/u1	90
12) 2-Chlorophenol	7.844	128	54721	20.995	ng/u1	98
13) 2-Methylphenol	8.720	108	53653	20.319	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.814	45	126458	21.322	ng/u1	99
16) Acetophenone	9.137	105	86407	20.358	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.102	70	43675	20.355	ng/u1	94
18) 4-Methylphenol	9.049	108	59680	21.091	ng/u1	99
19) Hexachloroethane	9.389	117	20759	20.258	ng/u1	90
22) Nitrobenzene	9.536	77	61813	21.367	ng/u1	91
23) Isophorone	10.048	82	135910	21.909	ng/u1	96
25) 2-Nitrophenol	10.247	139	32223	22.343	ng/u1	95
26) 2,4-Dimethylphenol	10.265	107	58981	21.874	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.523	93	85371	22.121	ng/u1	97
29) 2,4-Dichlorophenol	10.764	162	56799	22.934	ng/u1	97
30) Naphthalene	11.193	128	190635	21.519	ng/u1	98
32) 4-Chloroaniline	11.305	127	80555	21.400	ng/u1	96
33) Hexachlorobutadiene	11.422	225	36316	22.782	ng/u1	89
34) Caprolactam	12.086	113	19382	21.369	ng/u1#	66
35) 4-Chloro-3-methylphenol	12.374	107	60622	23.238	ng/u1	96
36) 2-Methylnaphthalene	12.774	142	130634	22.079	ng/u1	97

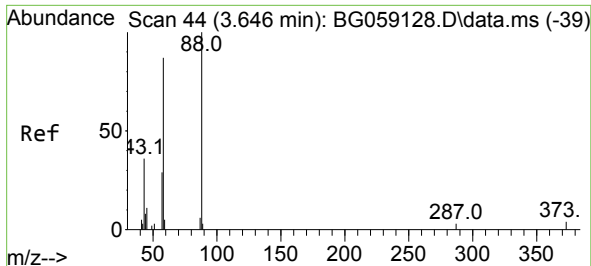
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 Quant Title : SVOA CALIBRATION
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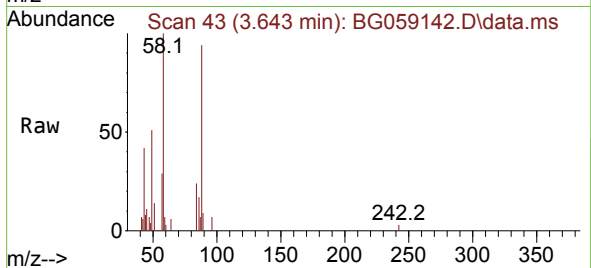
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.991	142	132302	22.136	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.115	216	67458	21.302	ng/ul#	94
40) Hexachlorocyclopentadiene	13.068	237	41380	20.496	ng/ul	93
41) 2,4,6-Trichlorophenol	13.355	196	47250	22.849	ng/ul	94
42) 2,4,5-Trichlorophenol	13.426	196	50130	22.411	ng/ul	99
43) 1,1'-Biphenyl	13.761	154	186541	21.635	ng/ul	93
44) 2-Chloronaphthalene	13.820	162	140773	21.383	ng/ul	97
45) 2-Nitroaniline	14.031	65	43806	20.992	ng/ul	89
47) Dimethylphthalate	14.366	163	183413	21.616	ng/ul	99
48) 2,6-Dinitrotoluene	14.513	165	35526	22.657	ng/ul#	89
50) Acenaphthylene	14.660	152	232930	21.559	ng/ul	99
51) 3-Nitroaniline	14.848	138	36123	20.880	ng/ul	85
52) Acenaphthene	14.995	153	156307	21.333	ng/ul	95
53) 2,4-Dinitrophenol	15.048	184	17925	18.973	ng/ul#	89
55) 4-Nitrophenol	15.118	109	21532	21.495	ng/ul	94
56) Dibenzofuran	15.324	168	210349	21.645	ng/ul	100
57) 2,4-Dinitrotoluene	15.288	165	50118	22.171	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.529	232	45682	22.063	ng/ul#	91
59) Diethylphthalate	15.711	149	174609	20.884	ng/ul	100
61) Fluorene	15.970	166	179838	21.672	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.952	204	90915	22.075	ng/ul	95
63) 4-Nitroaniline	16.011	138	35142	21.913	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.035	198	32294	21.127	ng/ul#	99
67) N-Nitrosodiphenylamine	16.176	169	148452	22.353	ng/ul	99
68) 4-Bromophenyl-phenylether	16.851	248	54103	22.293	ng/ul	97
69) Hexachlorobenzene	16.939	284	61824	22.240	ng/ul#	90
70) Atrazine	17.104	200	57842	21.889	ng/ul	94
71) Pentachlorophenol	17.298	266	38716	21.441	ng/ul	90
72) Phenanthrene	17.721	178	299794	21.476	ng/ul	99
74) Anthracene	17.809	178	309253	21.682	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.726	216	72402	21.771	ng/ul	92
76) Pentachlorobenzene	15.218	250	67398	21.911	ng/ul	98
77) Carbazole	18.085	167	251751	21.230	ng/ul	98
78) Di-n-butylphthalate	18.590	149	306186	20.959	ng/ul	99
80) Fluoranthene	19.713	202	333039	21.347	ng/ul	98
82) Pyrene	20.077	202	349139	21.455	ng/ul	99
83) Butylbenzylphthalate	20.935	149	127721	21.728	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.887	252	119429	23.074	ng/ul	93
85) Benzo(a)anthracene	21.975	228	330950	21.282	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.810	149	190040	21.608	ng/ul	97
87) Chrysene	22.045	228	302936	20.888	ng/ul	99
89) Di-n-octyl phthalate	23.132	149	322885	21.233	ng/ul	100
90) Benzo(b)fluoranthene	24.395	252	330978	21.838	ng/ul	99
91) Benzo(k)fluoranthene	24.472	252	333860	21.246	ng/ul	97
93) Benzo(a)pyrene	25.371	252	312915	21.482	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.642	276	357693	21.592	ng/ul	98
95) Dibenzo(a,h)anthracene	29.730	278	287074	21.564	ng/ul	95
96) Benzo(g,h,i)perylene	30.941	276	143918	10.785	ng/ul	98

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

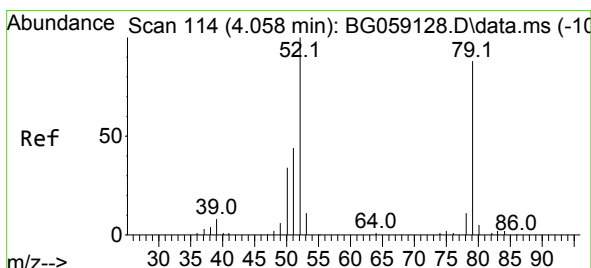
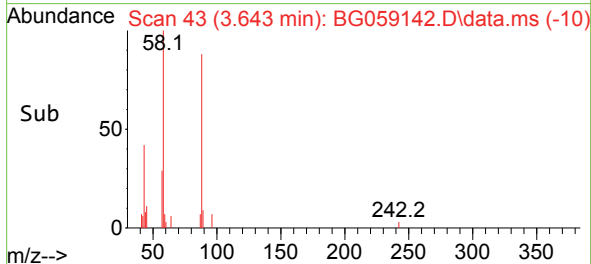
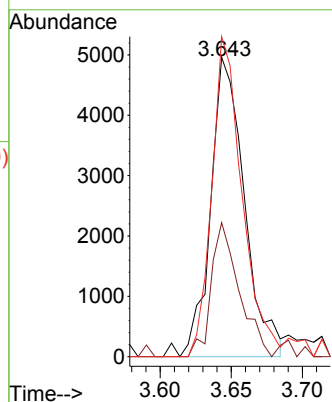


#2
1,4-Dioxane
Concen: 8.025 ng/uL
RT: 3.643 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Instrument :
BNA_G
ClientSampleId :

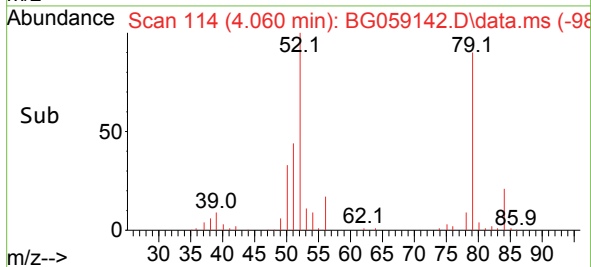
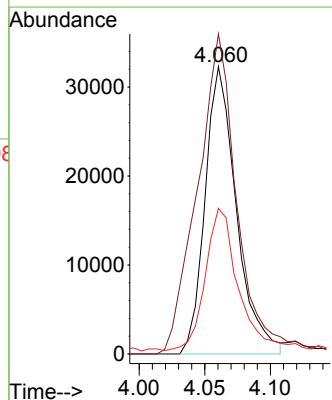
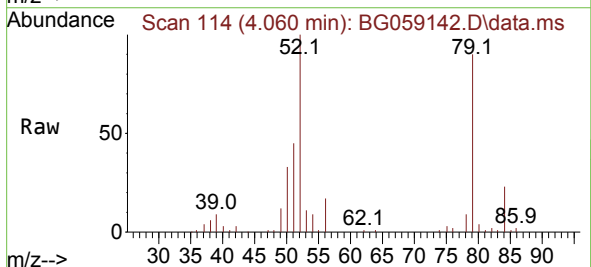


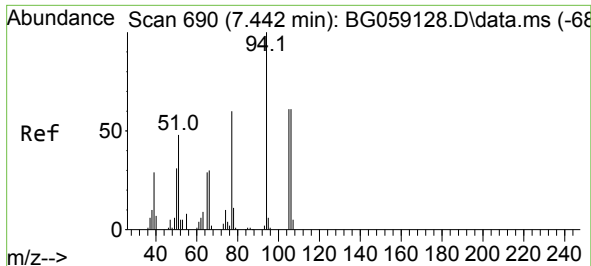
Tgt Ion: 88 Resp: 8162
Ion Ratio Lower Upper
88 100
43 44.8 24.5 36.7#
58 106.9 60.6 91.0#



#5
Pyridine
Concen: 19.976 ng/uL
RT: 4.060 min Scan# 114
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion: 79 Resp: 53709
Ion Ratio Lower Upper
79 100
52 111.4 90.6 135.8
51 50.7 39.6 59.4

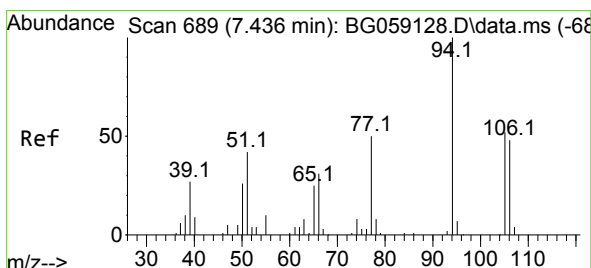
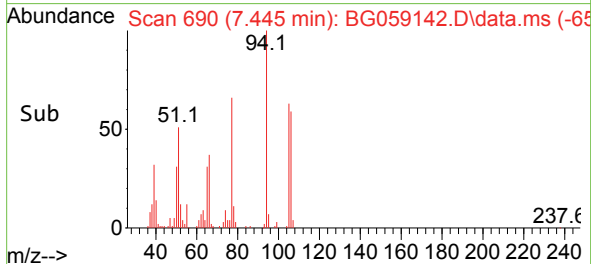
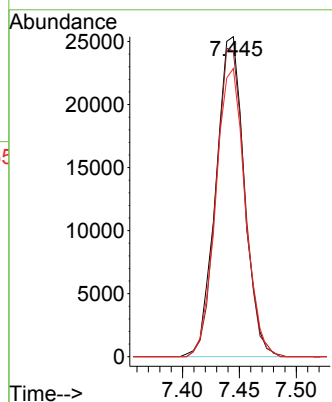
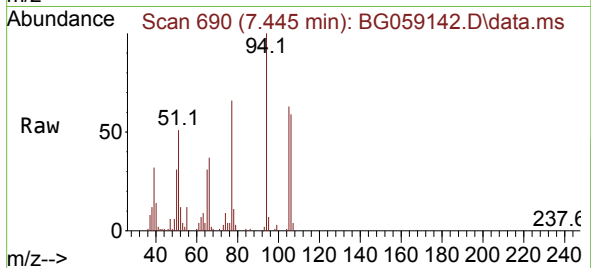




#6
Benzaldehyde
Concen: 24.551 ng/ul
RT: 7.445 min Scan# 690
Delta R.T. 0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

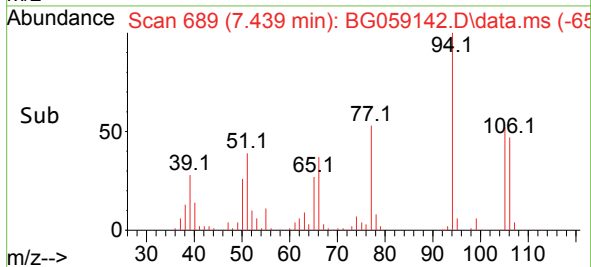
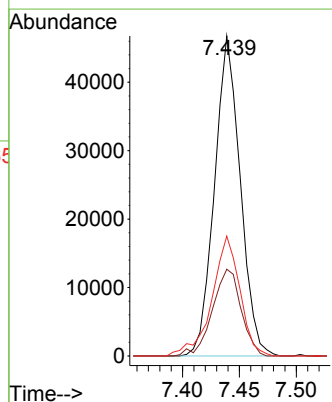
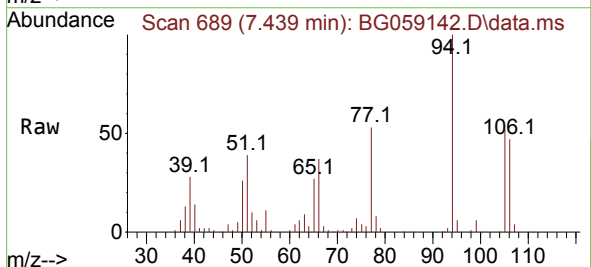
Instrument :
BNA_G
ClientSampleId :

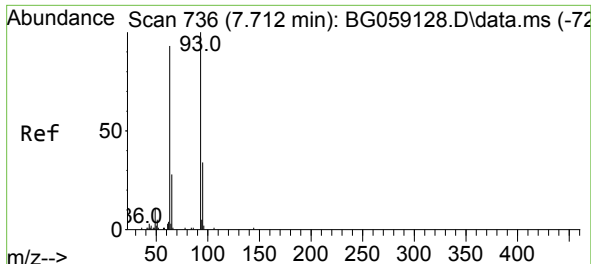
Tgt Ion: 77 Resp: 44067
Ion Ratio Lower Upper
77 100
105 95.5 76.9 115.3
106 90.0 69.4 104.0



#8
Phenol
Concen: 20.691 ng/ul
RT: 7.439 min Scan# 689
Delta R.T. 0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion: 94 Resp: 73620
Ion Ratio Lower Upper
94 100
65 27.1 24.4 36.6
66 37.5 28.4 42.6





#10

Bis(2-Chloroethyl)ether

Concen: 20.527 ng/ul

RT: 7.709 min Scan# 71

Delta R.T. -0.003 min

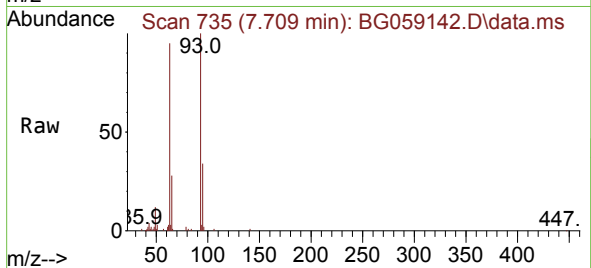
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Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :



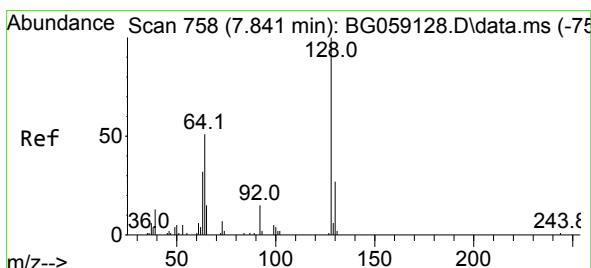
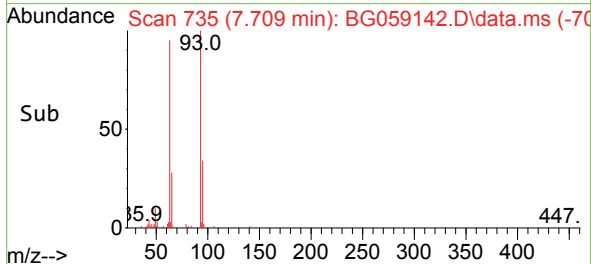
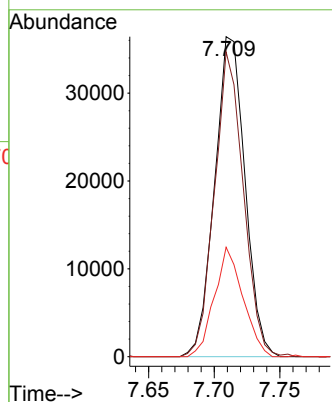
Tgt Ion: 93 Resp: 58638

Ion Ratio Lower Upper

93 100

63 95.2 68.3 102.5

95 34.2 23.8 35.8



#12

2-Chlorophenol

Concen: 20.995 ng/ul

RT: 7.844 min Scan# 758

Delta R.T. -0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

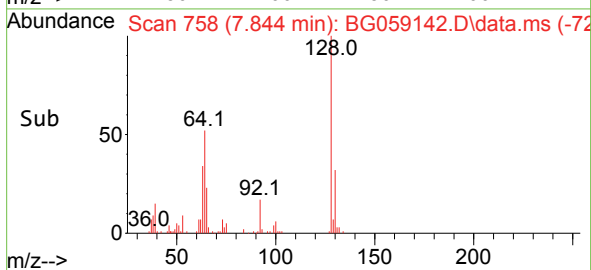
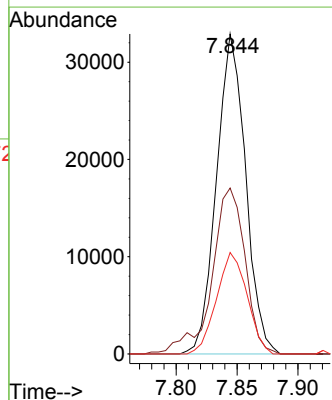
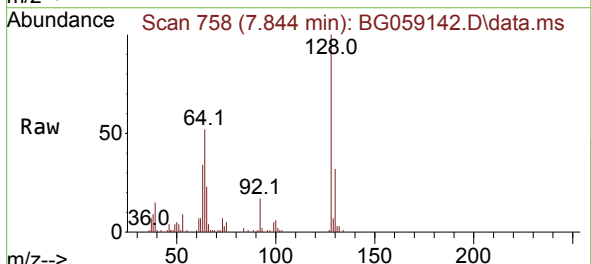
Tgt Ion:128 Resp: 54721

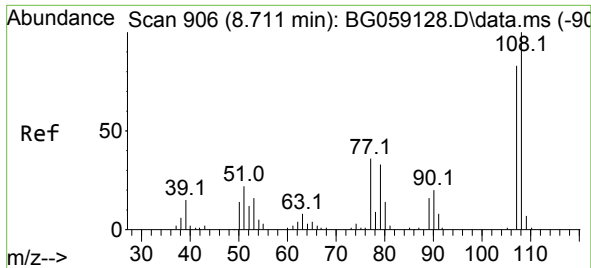
Ion Ratio Lower Upper

128 100

64 51.9 40.3 60.5

130 31.7 24.0 36.0





#13

2-Methylphenol

Concen: 20.319 ng/ul

RT: 8.720 min Scan# 906

Delta R.T. 0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

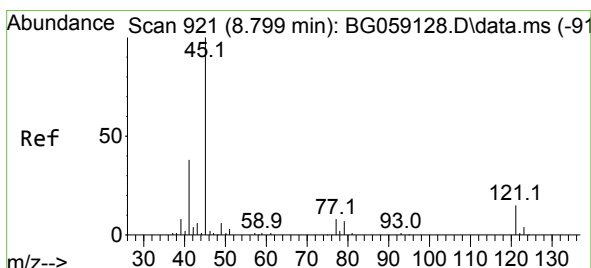
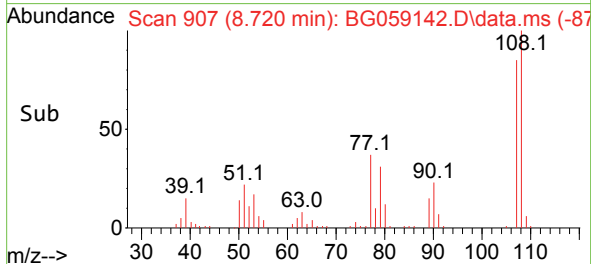
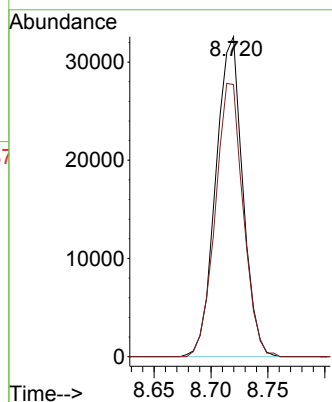
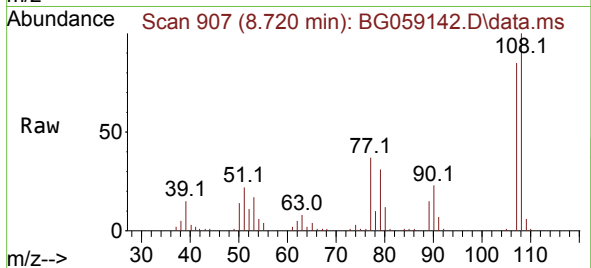
ClientSampleId :

Tgt Ion:108 Resp: 53653

Ion Ratio Lower Upper

108 100

107 85.0 75.1 112.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.322 ng/ul

RT: 8.814 min Scan# 923

Delta R.T. 0.008 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

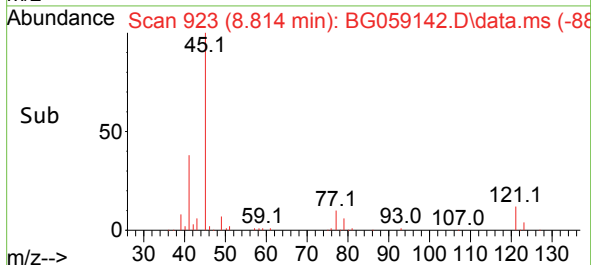
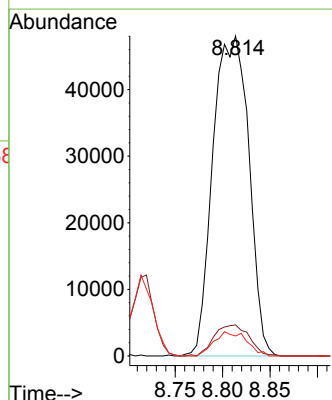
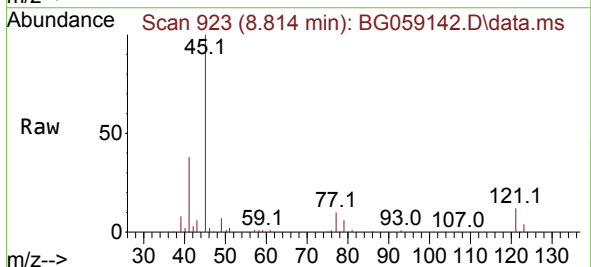
Tgt Ion: 45 Resp: 126458

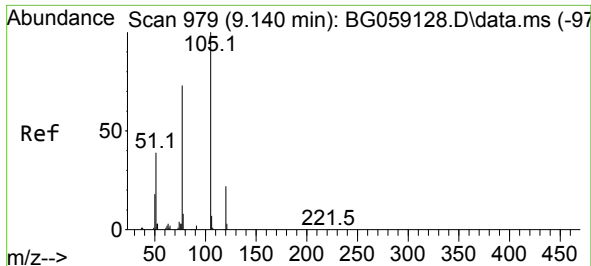
Ion Ratio Lower Upper

45 100

77 9.7 7.8 11.6

79 6.3 5.6 8.4

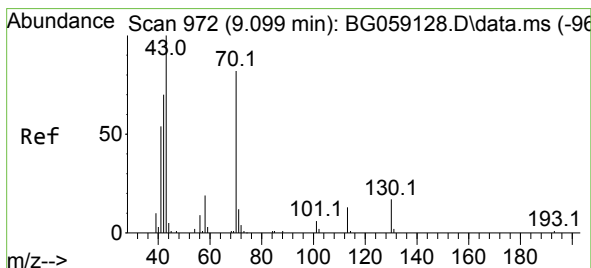
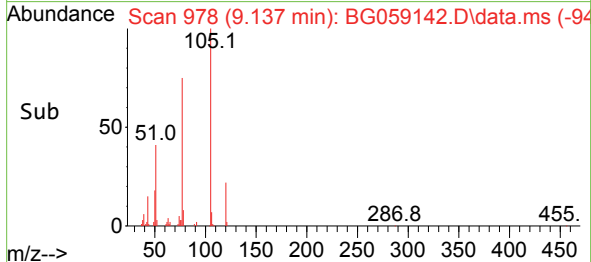
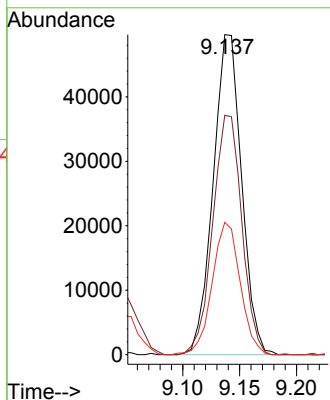
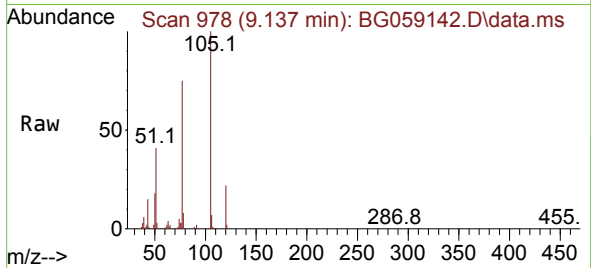




#16
 Acetophenone
 Concen: 20.358 ng/ul
 RT: 9.137 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: BG059142.D
 Acq: 21 Sep 2023 13:49

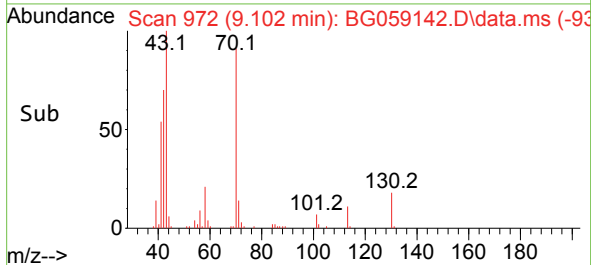
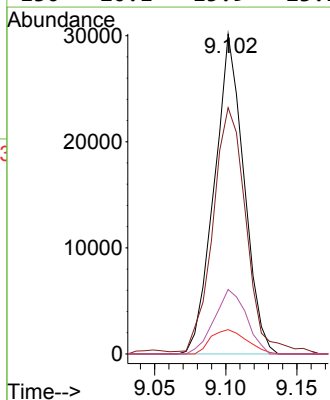
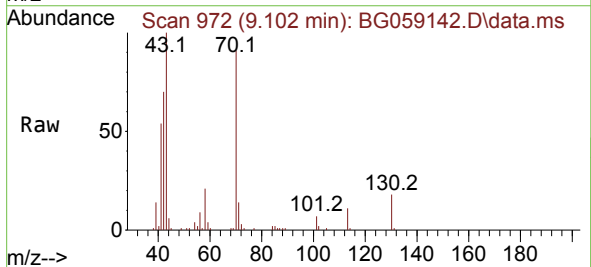
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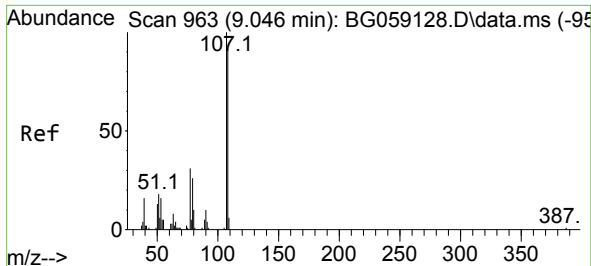
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 Ion Ratio Lower Upper
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 77 74.8 57.2 85.8
 51 41.4 31.6 47.4



#17
 N-Nitroso-di-n-propylamine
 Concen: 20.355 ng/ul
 RT: 9.102 min Scan# 972
 Delta R.T. 0.003 min
 Lab File: BG059142.D
 Acq: 21 Sep 2023 13:49

Tgt Ion: 70 Resp: 43675
 Ion Ratio Lower Upper
 70 100
 42 76.9 67.1 100.7
 101 7.6 7.6 11.4
 130 20.1 15.9 23.9

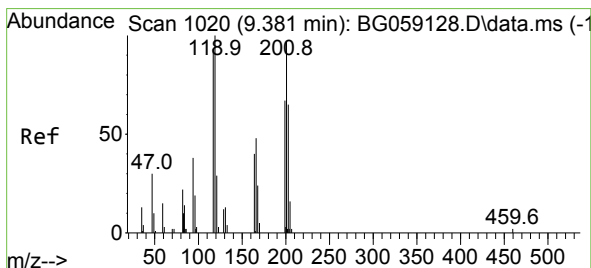
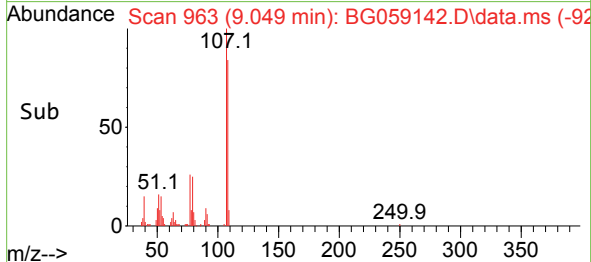
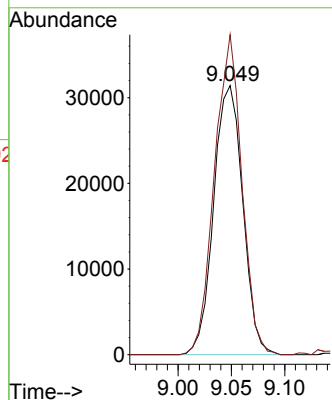
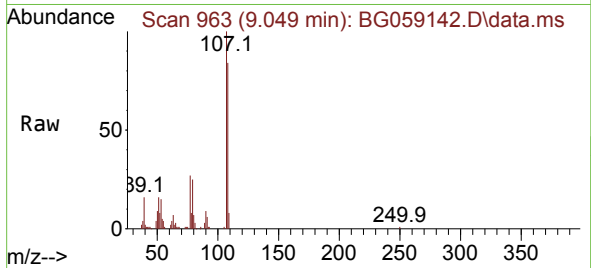




#18
4-Methylphenol
Concen: 21.091 ng/ul
RT: 9.049 min Scan# 90
Delta R.T. 0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

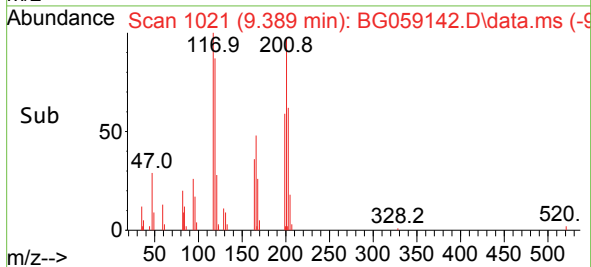
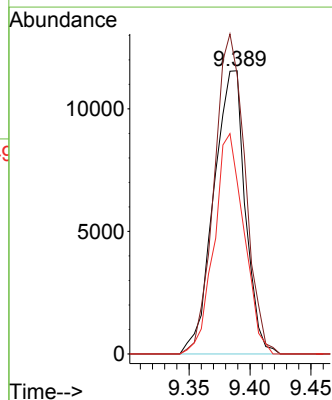
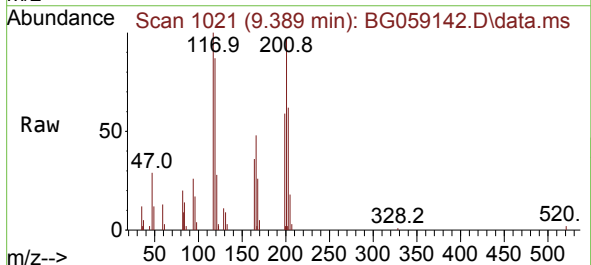
Instrument :
BNA_G
ClientSampleId :

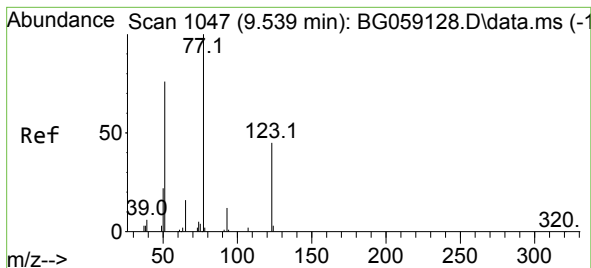
Tgt Ion:108 Resp: 59680
Ion Ratio Lower Upper
108 100
107 118.9 94.4 141.6



#19
Hexachloroethane
Concen: 20.258 ng/ul
RT: 9.389 min Scan# 1021
Delta R.T. 0.008 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion:117 Resp: 20759
Ion Ratio Lower Upper
117 100
201 98.6 86.4 129.6
199 60.8 56.2 84.2

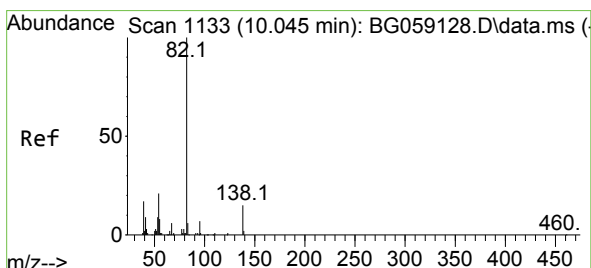
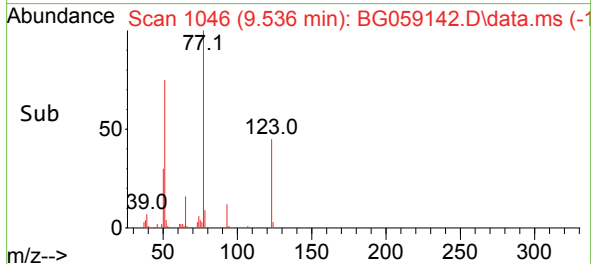
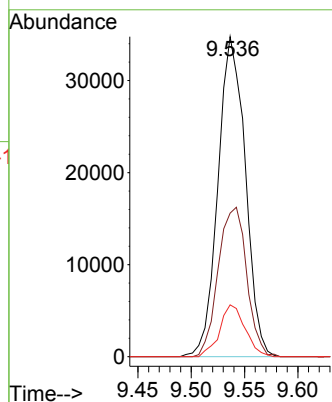
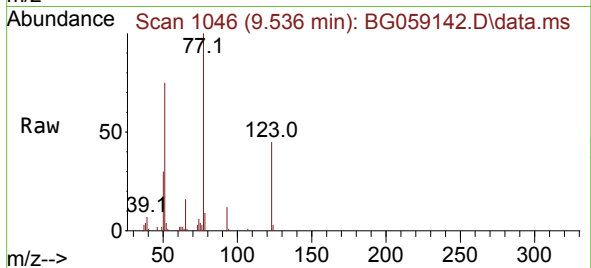




#22
Nitrobenzene
Concen: 21.367 ng/ul
RT: 9.536 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

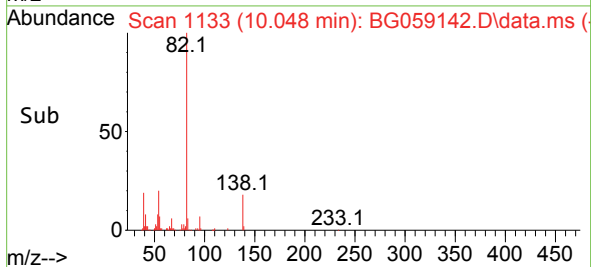
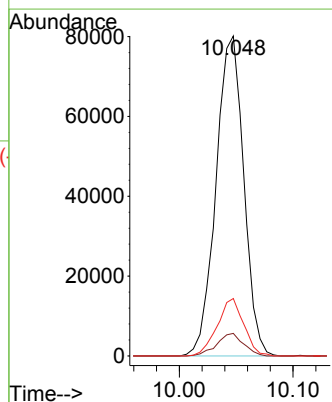
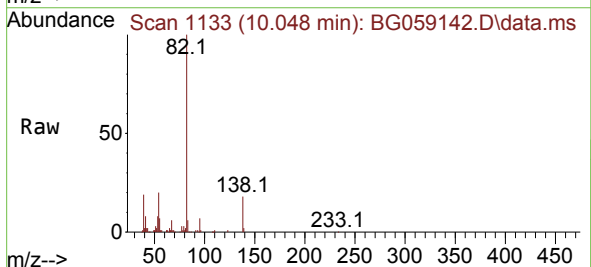
Instrument :
BNA_G
ClientSampleId :

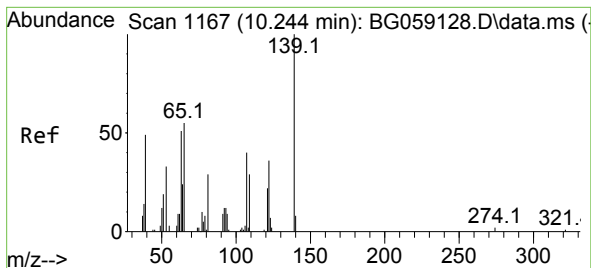
Tgt Ion: 77 Resp: 61813
Ion Ratio Lower Upper
77 100
123 44.8 41.8 62.8
65 16.2 12.3 18.5



#23
Isophorone
Concen: 21.909 ng/ul
RT: 10.048 min Scan# 1133
Delta R.T. 0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion: 82 Resp: 135910
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 17.9 12.7 19.1

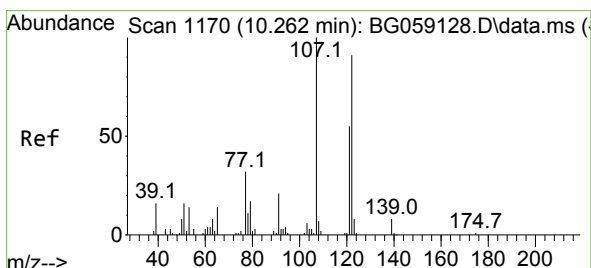
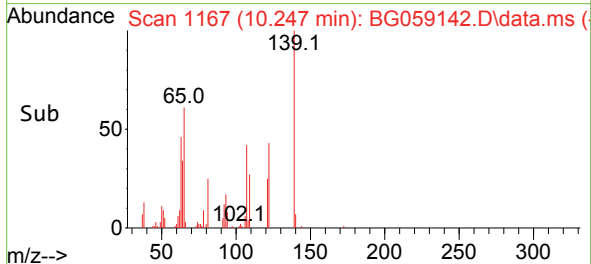
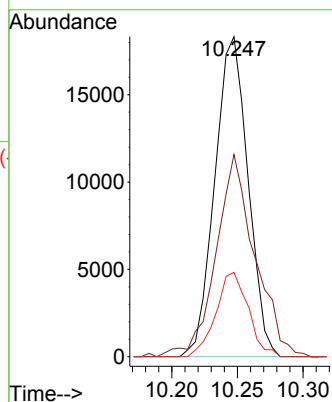
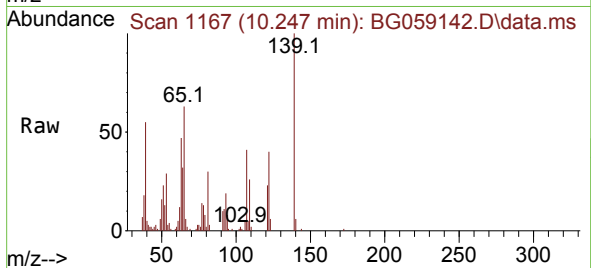




#25
2-Nitrophenol
Concen: 22.343 ng/ul
RT: 10.247 min Scan# 1167
Delta R.T. 0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

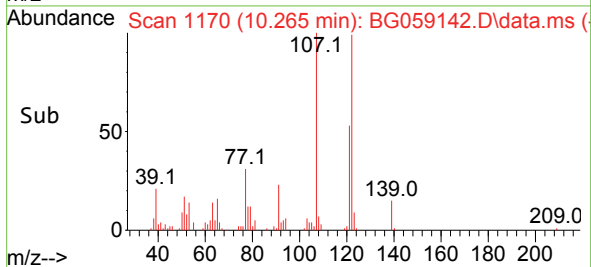
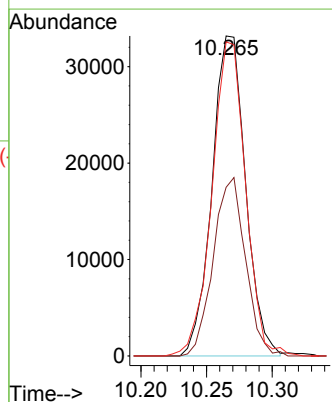
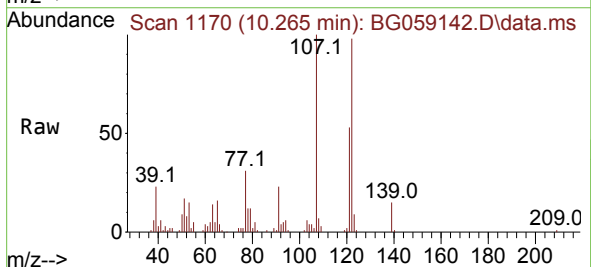
Instrument :
BNA_G
ClientSampleId :

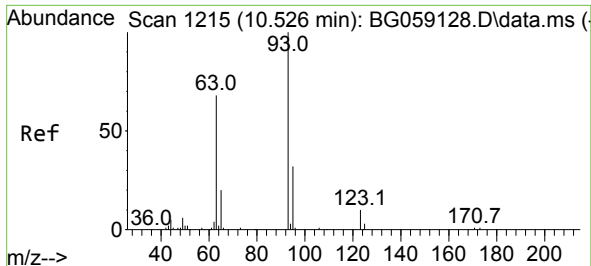
Tgt Ion	Ratio	Lower	Upper
139	100		
65	63.1	46.4	69.6
109	26.4	21.6	32.4



#26
2,4-Dimethylphenol
Concen: 21.874 ng/ul
RT: 10.265 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion	Ratio	Lower	Upper
107	100		
121	52.7	41.4	62.0
122	98.2	80.6	120.8

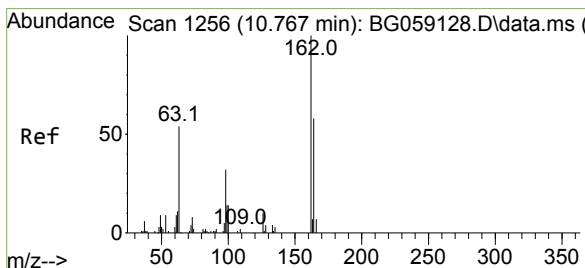
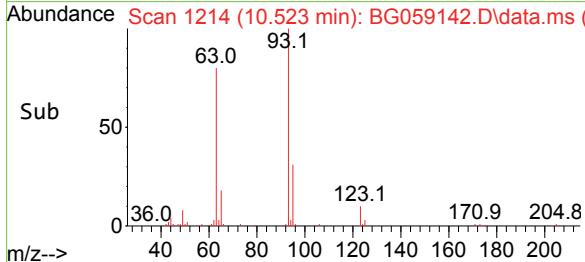
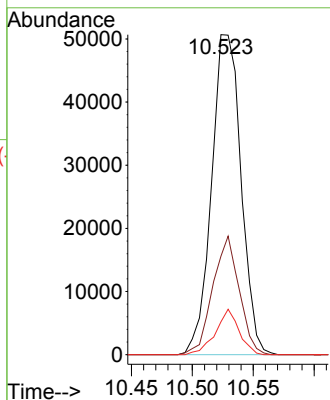
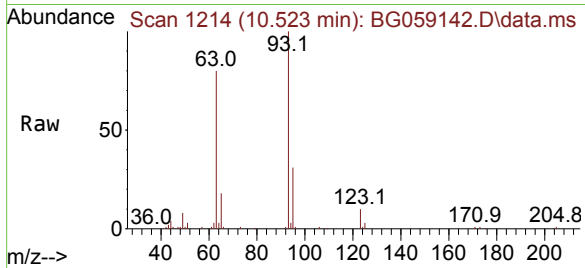




#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.121 ng/ul
 RT: 10.523 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BG059142.D
 Acq: 21 Sep 2023 13:49

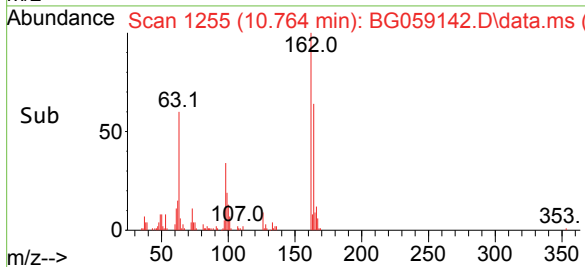
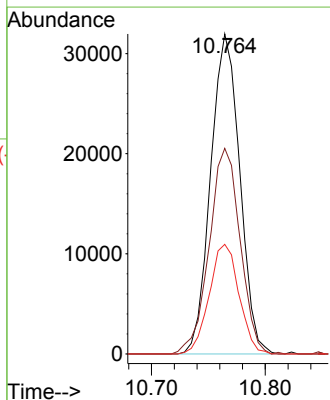
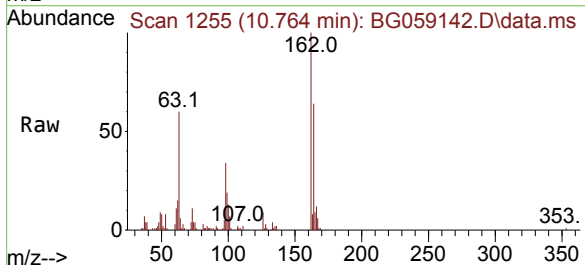
Instrument :
 BNA_G
 ClientSampleId :

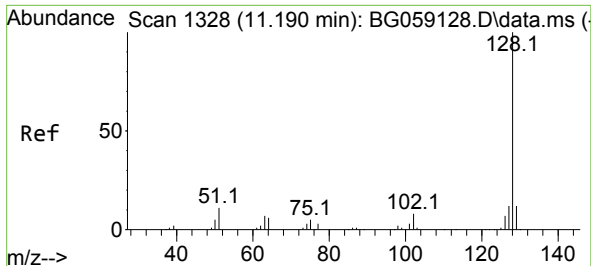
Tgt Ion: 93 Resp: 85371
 Ion Ratio Lower Upper
 93 100
 95 30.8 26.1 39.1
 123 10.3 8.7 13.1



#29
 2,4-Dichlorophenol
 Concen: 22.934 ng/ul
 RT: 10.764 min Scan# 1255
 Delta R.T. -0.003 min
 Lab File: BG059142.D
 Acq: 21 Sep 2023 13:49

Tgt Ion:162 Resp: 56799
 Ion Ratio Lower Upper
 162 100
 164 64.2 49.8 74.8
 98 34.3 25.9 38.9

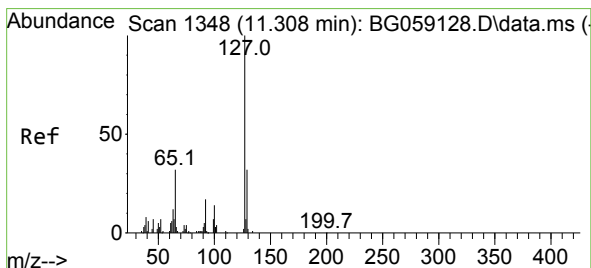
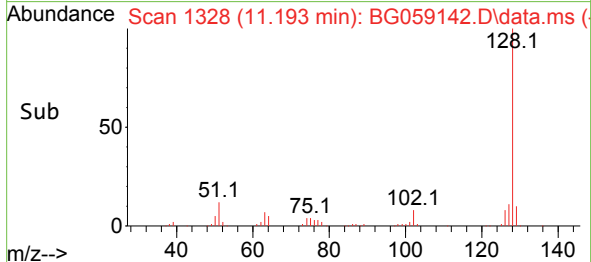
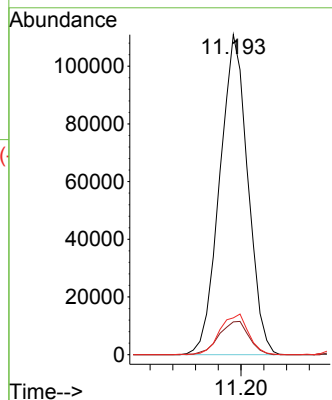
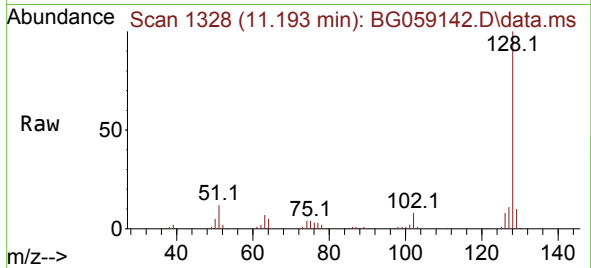




#30
Naphthalene
Concen: 21.519 ng/ul
RT: 11.193 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

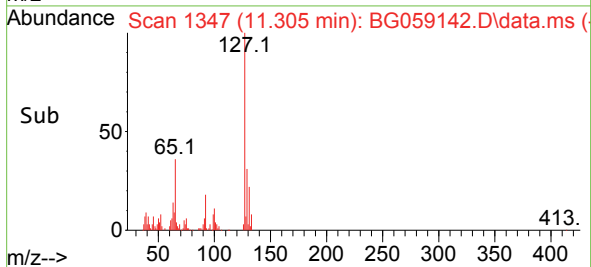
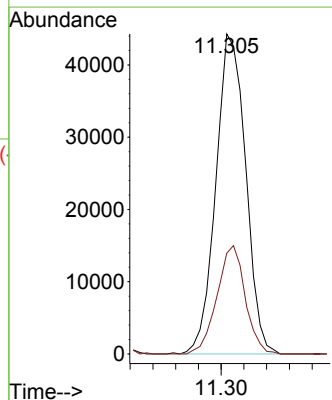
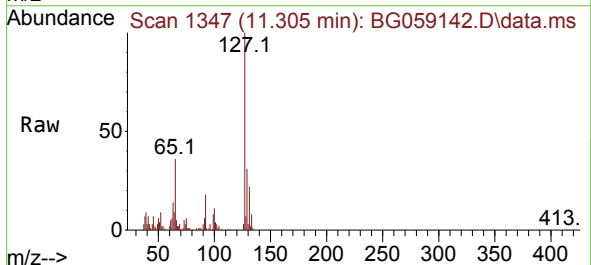
Instrument :
BNA_G
ClientSampleId :

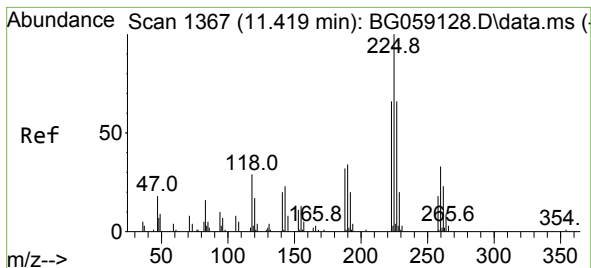
Tgt Ion:128 Resp: 190635
Ion Ratio Lower Upper
128 100
129 10.2 8.4 12.6
127 11.5 10.2 15.4



#32
4-Chloroaniline
Concen: 21.400 ng/ul
RT: 11.305 min Scan# 1347
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion:127 Resp: 80555
Ion Ratio Lower Upper
127 100
129 31.5 27.2 40.8





#33

Hexachlorobutadiene

Concen: 22.782 ng/ul

RT: 11.422 min Scan# 1

Delta R.T. -0.003 min

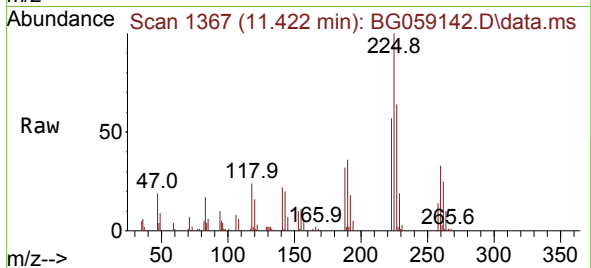
Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :



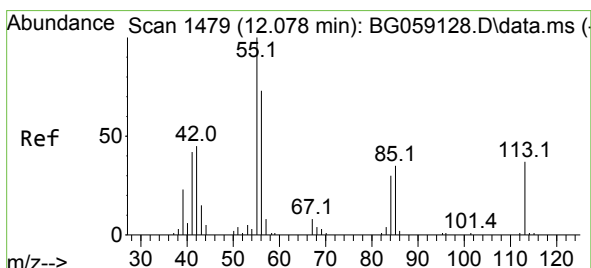
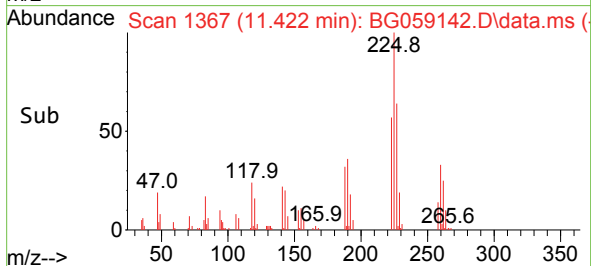
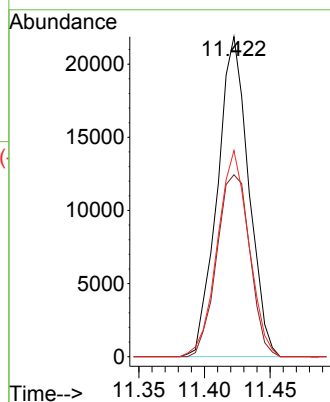
Tgt Ion:225 Resp: 36316

Ion Ratio Lower Upper

225 100

223 56.9 39.0 58.4

227 64.4 45.7 68.5



#34

Caprolactam

Concen: 21.369 ng/ul

RT: 12.086 min Scan# 1480

Delta R.T. -0.009 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

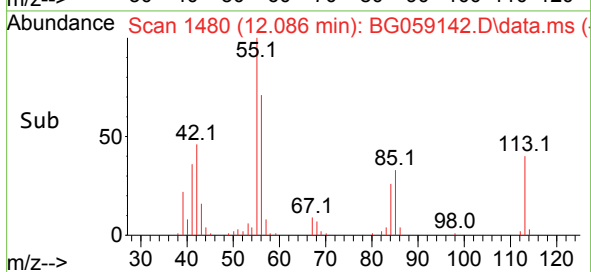
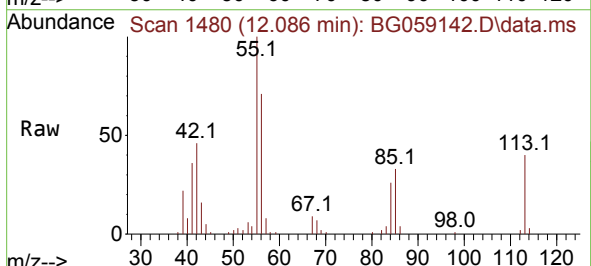
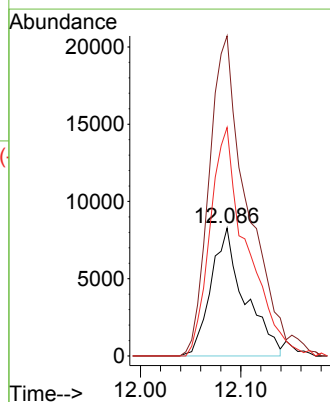
Tgt Ion:113 Resp: 19382

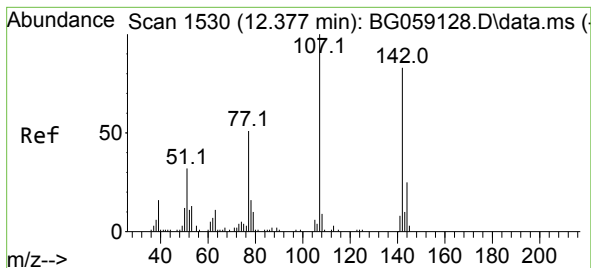
Ion Ratio Lower Upper

113 100

55 250.2 157.6 236.4#

56 178.6 112.3 168.5#

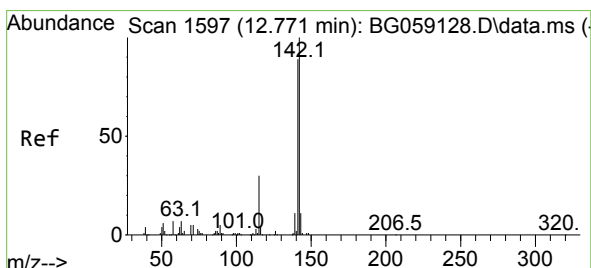
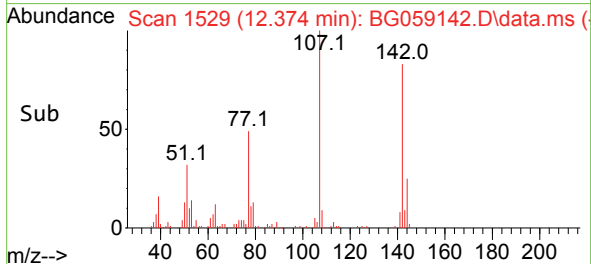
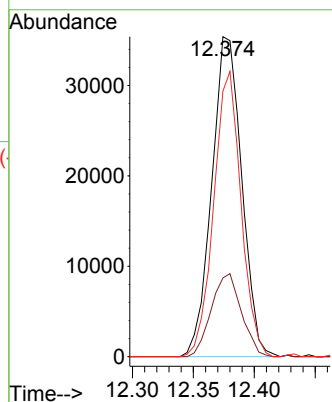
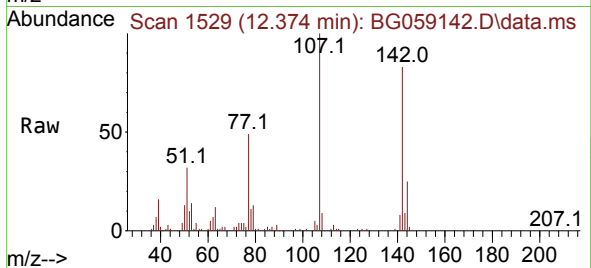




#35
 4-Chloro-3-methylphenol
 Concen: 23.238 ng/ul
 RT: 12.374 min Scan# 1529
 Delta R.T. -0.003 min
 Lab File: BG059142.D
 Acq: 21 Sep 2023 13:49

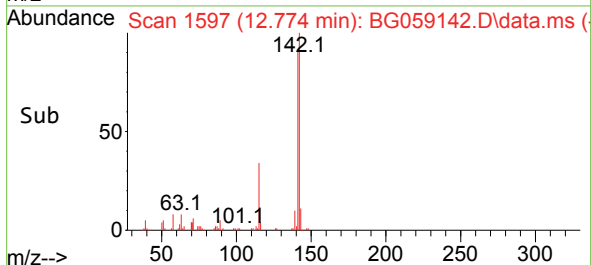
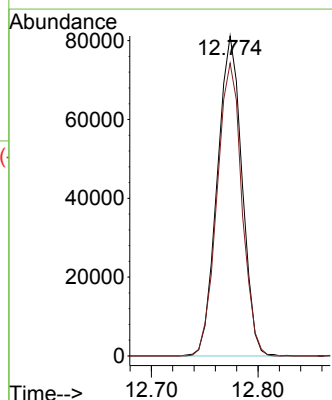
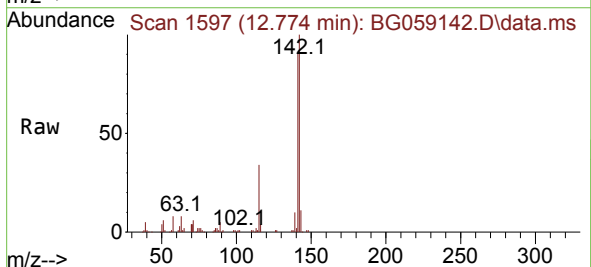
Instrument :
 BNA_G
 ClientSampleId :

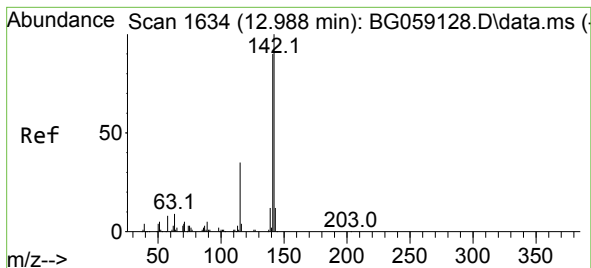
Tgt Ion:107 Resp: 60622
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.1 30.1
 142 83.0 62.7 94.1



#36
 2-Methylnaphthalene
 Concen: 22.079 ng/ul
 RT: 12.774 min Scan# 1597
 Delta R.T. -0.003 min
 Lab File: BG059142.D
 Acq: 21 Sep 2023 13:49

Tgt Ion:142 Resp: 130634
 Ion Ratio Lower Upper
 142 100
 141 91.5 70.6 106.0





#37

1-Methylnaphthalene

Concen: 22.136 ng/ul

RT: 12.991 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG059142.D

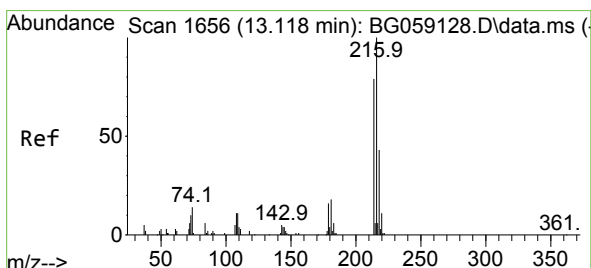
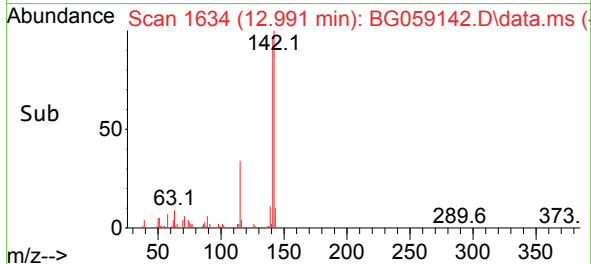
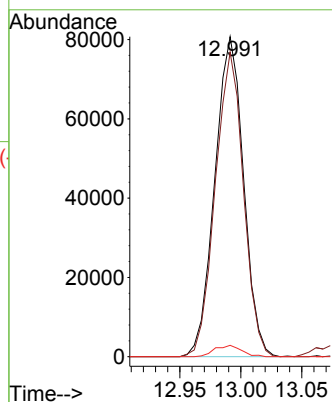
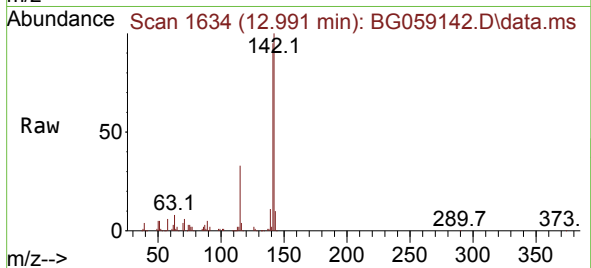
Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:142	Resp: 132302
Ion Ratio	Lower Upper
142	100
141	95.1 72.0 108.0
116	3.6 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.302 ng/ul

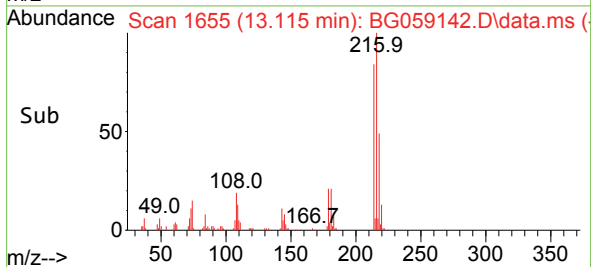
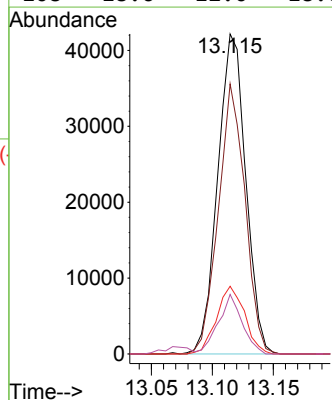
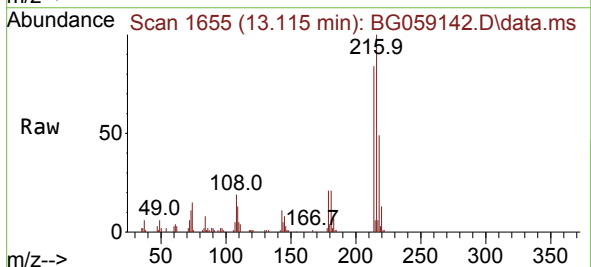
RT: 13.115 min Scan# 1655

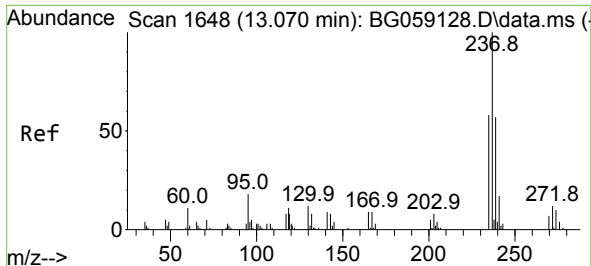
Delta R.T. -0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Tgt Ion:216	Resp: 67458
Ion Ratio	Lower Upper
216	100
214	84.4 62.6 94.0
179	21.2 16.0 24.0
108	18.6 12.0 18.0#

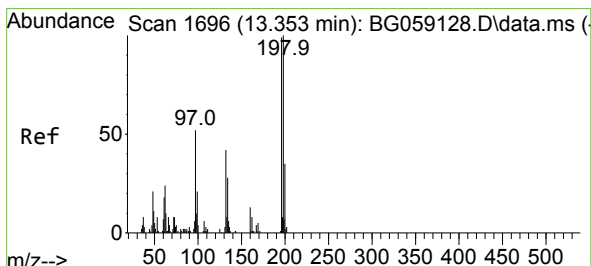
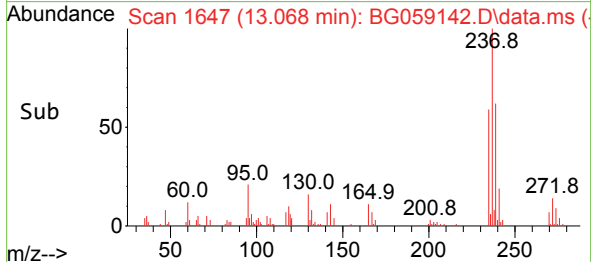
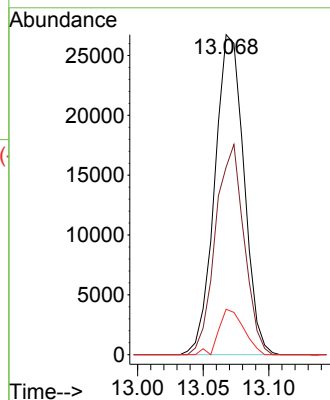
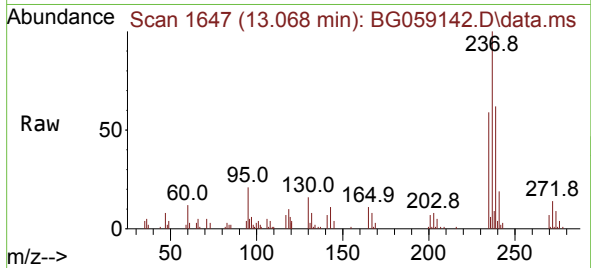




#40
Hexachlorocyclopentadiene
Concen: 20.496 ng/ul
RT: 13.068 min Scan# 1647
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

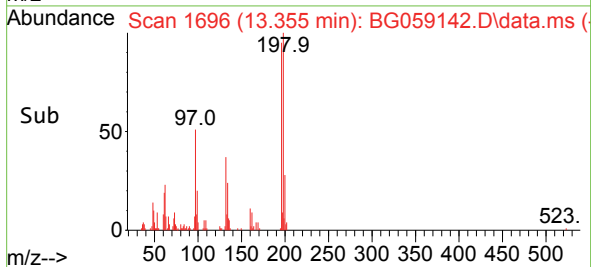
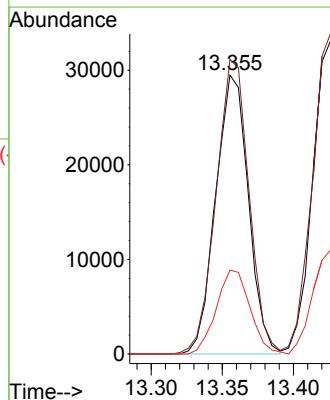
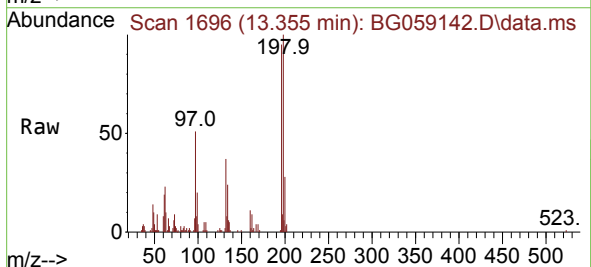
Instrument :
BNA_G
ClientSampleId :

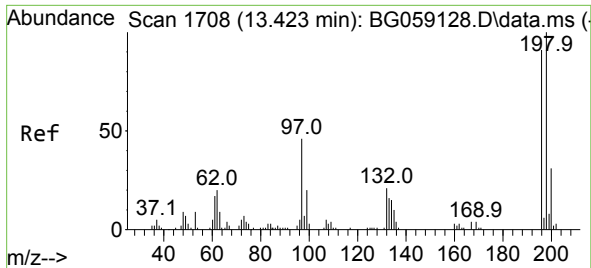
Tgt Ion:237 Resp: 41380
Ion Ratio Lower Upper
237 100
235 58.6 51.6 77.4
272 14.2 10.6 15.8



#41
2,4,6-Trichlorophenol
Concen: 22.849 ng/ul
RT: 13.355 min Scan# 1696
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion:196 Resp: 47250
Ion Ratio Lower Upper
196 100
198 105.6 78.5 117.7
200 30.1 24.4 36.6

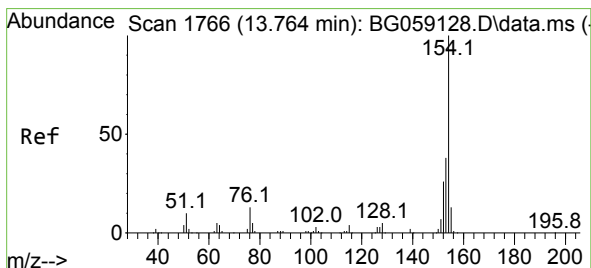
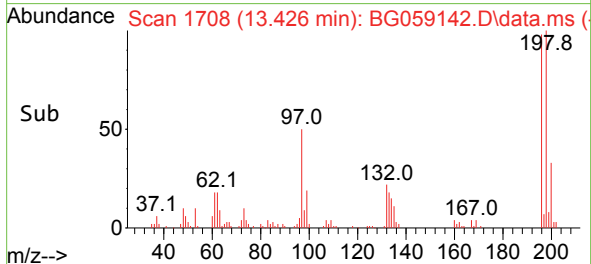
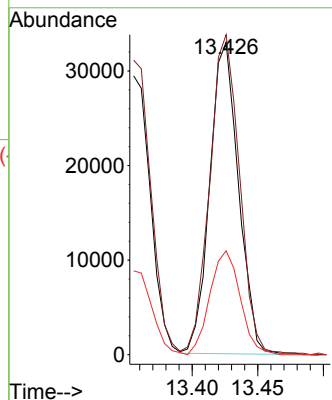
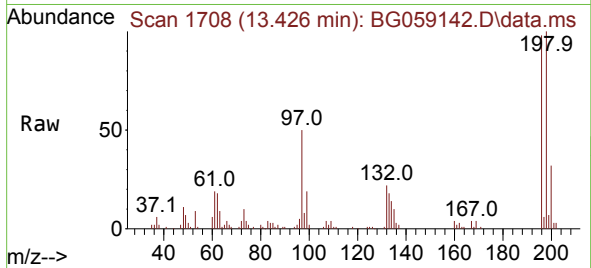




#42
 2,4,5-Trichlorophenol
 Concen: 22.411 ng/ul
 RT: 13.426 min Scan# 1708
 Delta R.T. 0.003 min
 Lab File: BG059142.D
 Acq: 21 Sep 2023 13:49

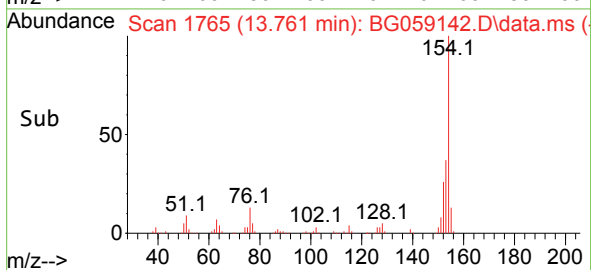
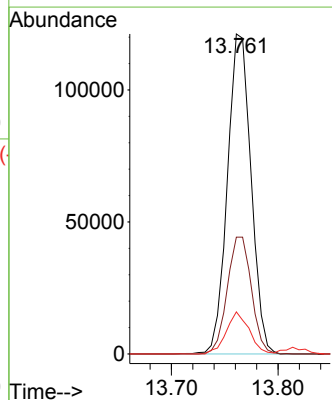
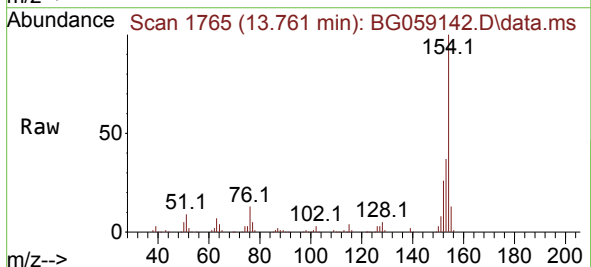
Instrument :
 BNA_G
 ClientSampleId :

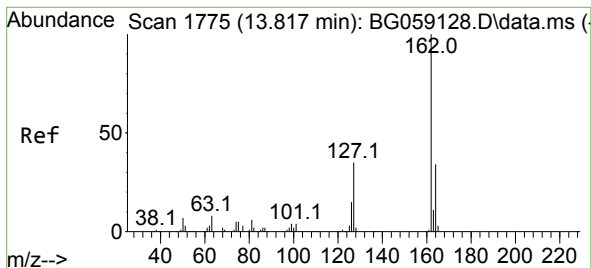
Tgt Ion:196 Resp: 50130
 Ion Ratio Lower Upper
 196 100
 198 102.4 81.0 121.6
 200 33.2 27.1 40.7



#43
 1,1'-Biphenyl
 Concen: 21.635 ng/ul
 RT: 13.761 min Scan# 1765
 Delta R.T. -0.003 min
 Lab File: BG059142.D
 Acq: 21 Sep 2023 13:49

Tgt Ion:154 Resp: 186541
 Ion Ratio Lower Upper
 154 100
 153 36.5 33.2 49.8
 76 13.2 9.8 14.8





#44

2-Chloronaphthalene

Concen: 21.383 ng/ul

RT: 13.820 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :

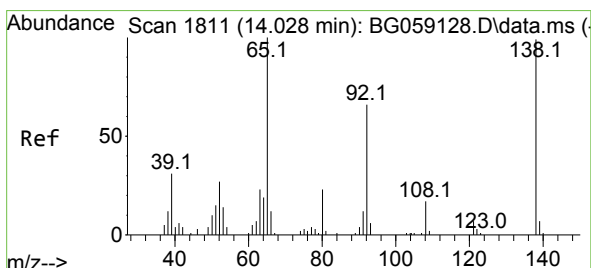
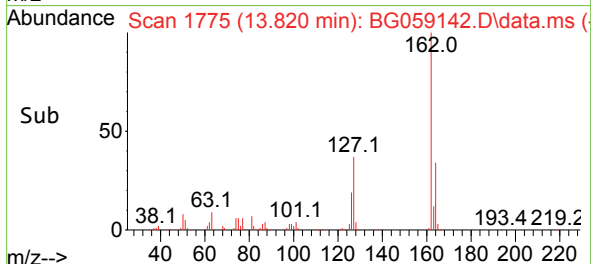
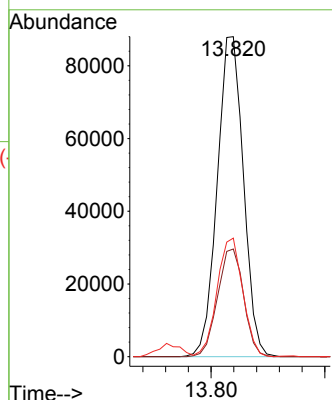
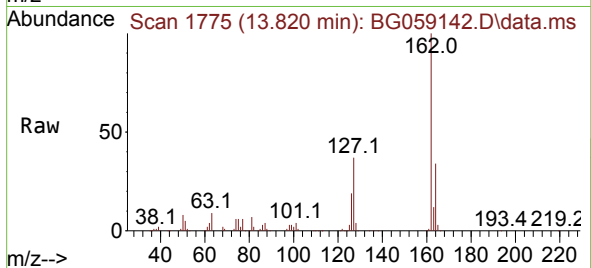
Tgt Ion:162 Resp: 140773

Ion Ratio Lower Upper

162 100

164 33.7 27.2 40.8

127 37.1 27.4 41.2



#45

2-Nitroaniline

Concen: 20.992 ng/ul

RT: 14.031 min Scan# 1811

Delta R.T. 0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

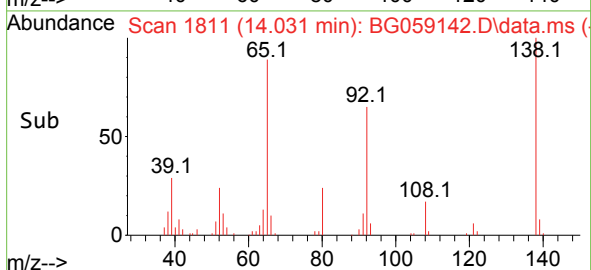
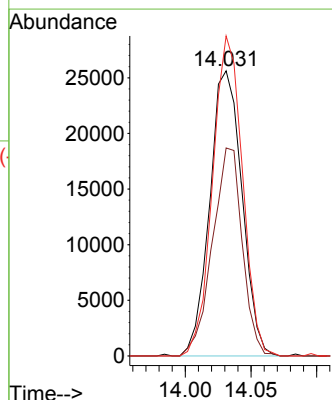
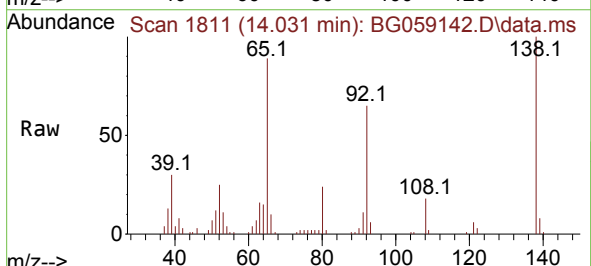
Tgt Ion: 65 Resp: 43806

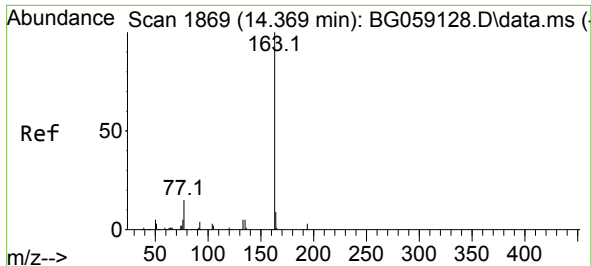
Ion Ratio Lower Upper

65 100

92 73.0 53.6 80.4

138 112.2 79.8 119.6





#47

Dimethylphthalate

Concen: 21.616 ng/ul

RT: 14.366 min Scan# 1868

Delta R.T. -0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :

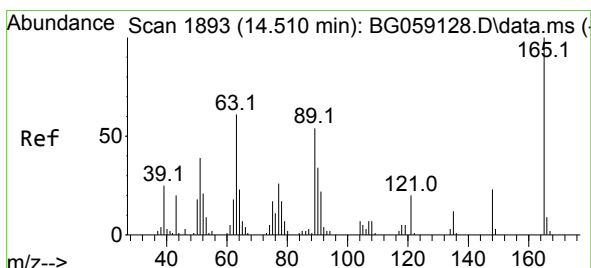
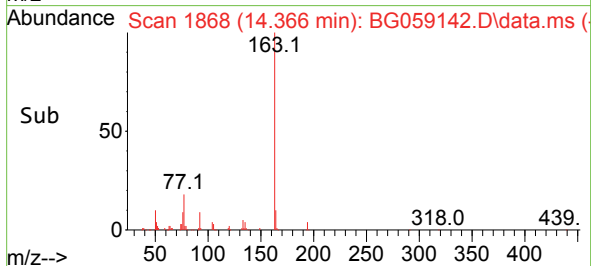
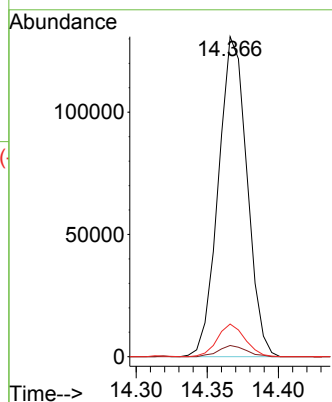
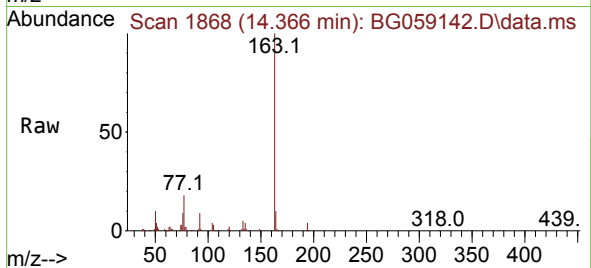
Tgt Ion:163 Resp: 183413

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

164 10.2 7.6 11.4



#48

2,6-Dinitrotoluene

Concen: 22.657 ng/ul

RT: 14.513 min Scan# 1893

Delta R.T. 0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

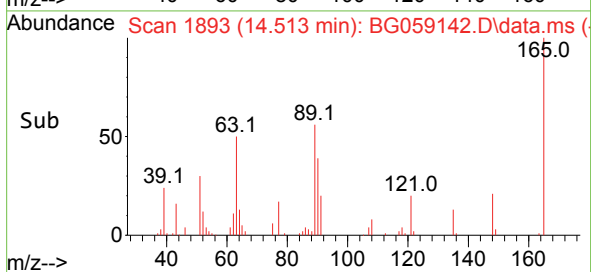
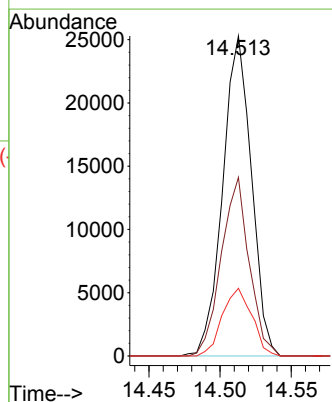
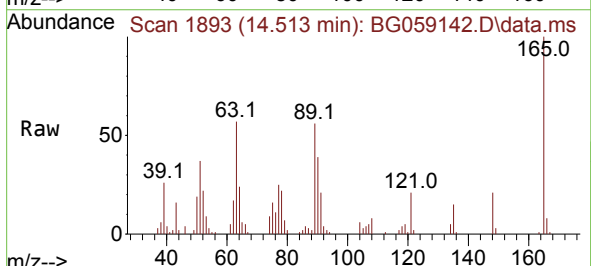
Tgt Ion:165 Resp: 35526

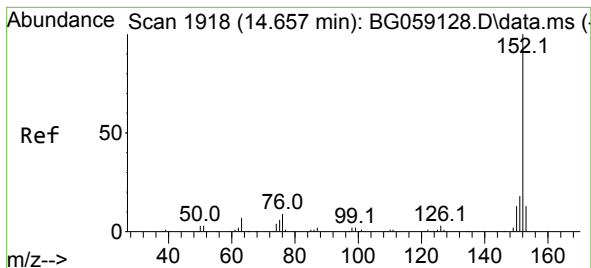
Ion Ratio Lower Upper

165 100

89 55.8 38.7 58.1

121 21.2 13.4 20.0#





#50

Acenaphthylene

Concen: 21.559 ng/ul

RT: 14.660 min Scan# 1918

Delta R.T. 0.003 min

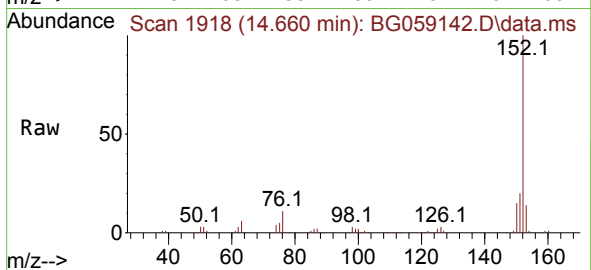
Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :



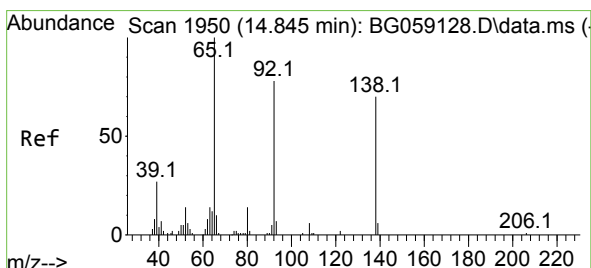
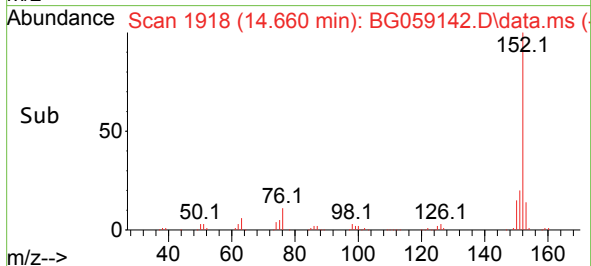
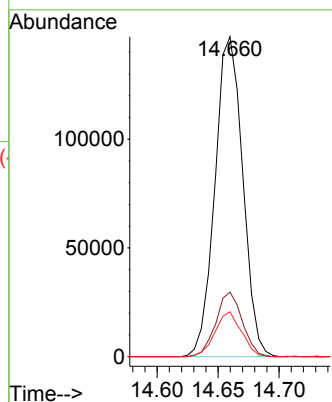
Tgt Ion:152 Resp: 232930

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.6

153 14.1 11.3 16.9



#51

3-Nitroaniline

Concen: 20.880 ng/ul

RT: 14.848 min Scan# 1950

Delta R.T. -0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

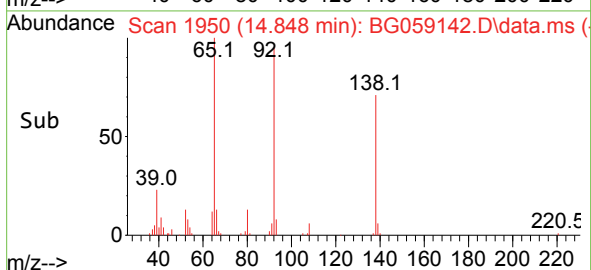
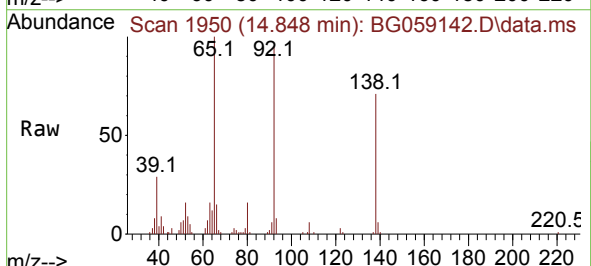
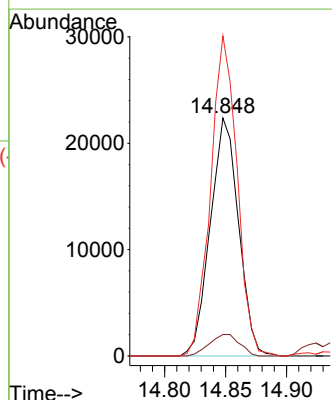
Tgt Ion:138 Resp: 36123

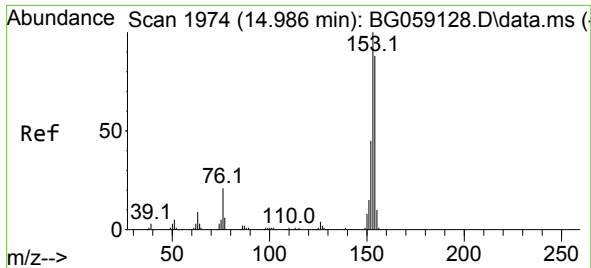
Ion Ratio Lower Upper

138 100

108 9.0 7.4 11.2

92 134.5 93.4 140.0

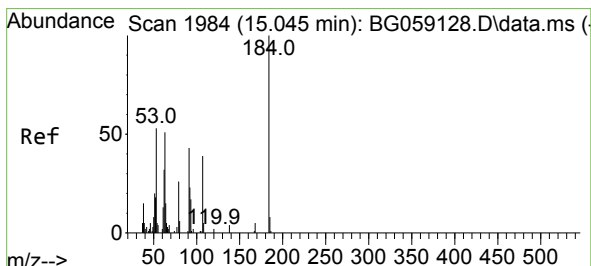
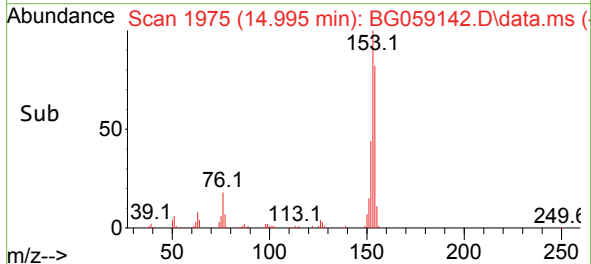
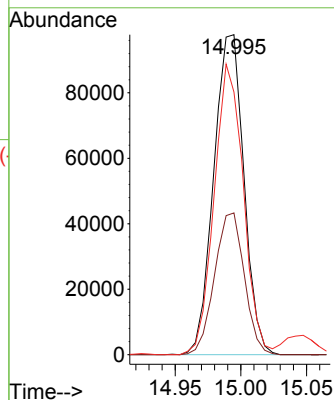
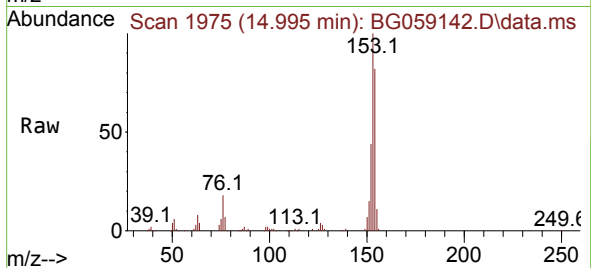




#52
Acenaphthene
Concen: 21.333 ng/ul
RT: 14.995 min Scan# 1975
Delta R.T. 0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

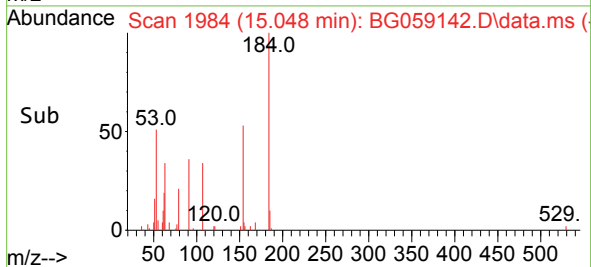
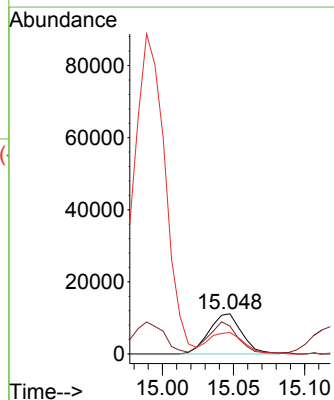
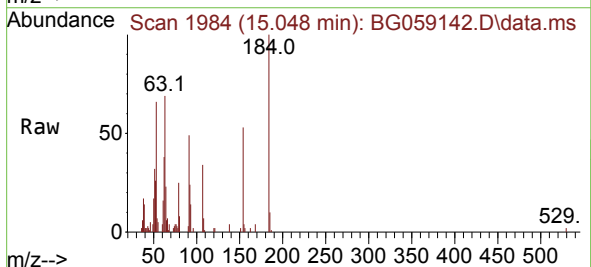
Instrument :
BNA_G
ClientSampleId :

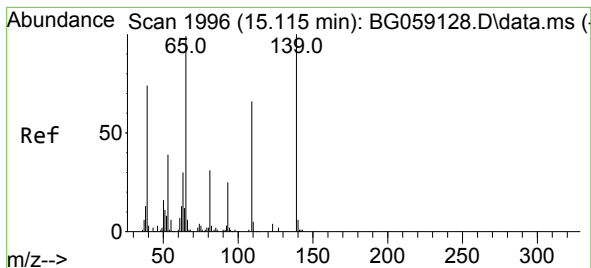
Tgt Ion:153 Resp: 156307
Ion Ratio Lower Upper
153 100
152 44.3 36.0 54.0
154 82.1 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 18.973 ng/ul
RT: 15.048 min Scan# 1984
Delta R.T. 0.008 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion:184 Resp: 17925
Ion Ratio Lower Upper
184 100
63 69.3 53.5 80.3
154 53.2 54.6 81.8#

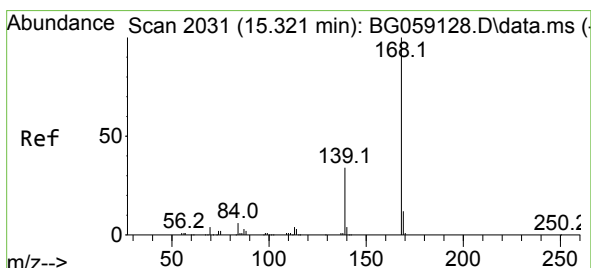
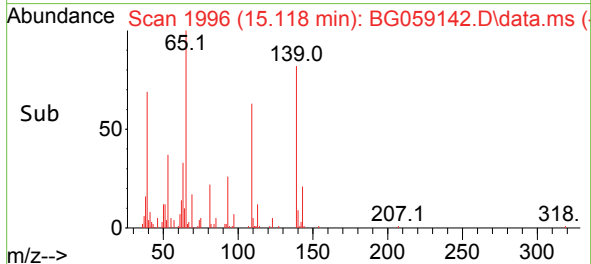
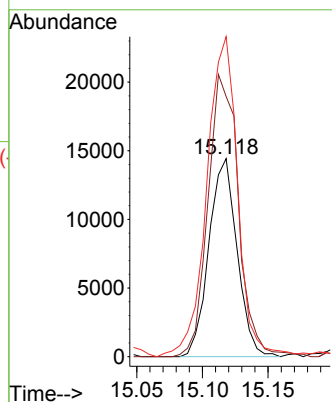
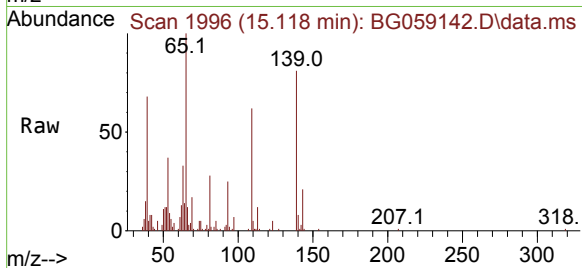




#55
4-Nitrophenol
Concen: 21.495 ng/ul
RT: 15.118 min Scan# 1996
Delta R.T. 0.008 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

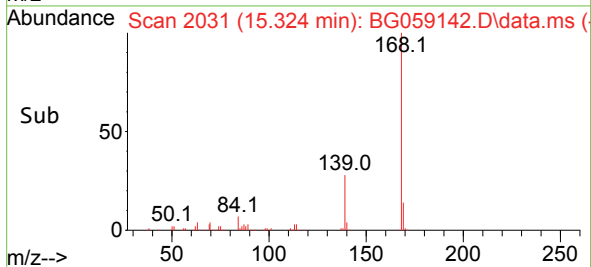
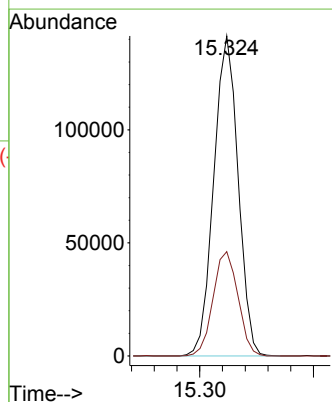
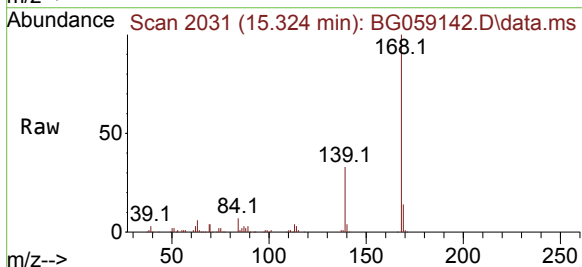
Instrument :
BNA_G
ClientSampleId :

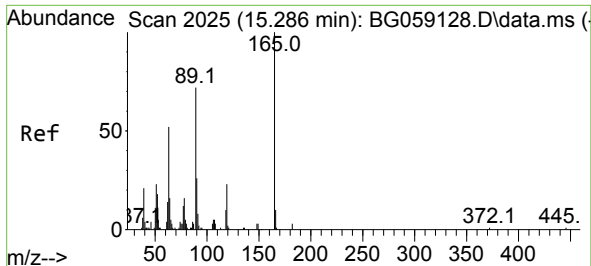
Tgt Ion:109 Resp: 21532
Ion Ratio Lower Upper
109 100
139 131.4 114.5 171.7
65 161.6 132.1 198.1



#56
Dibenzofuran
Concen: 21.645 ng/ul
RT: 15.324 min Scan# 2031
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion:168 Resp: 210349
Ion Ratio Lower Upper
168 100
139 32.6 26.3 39.5





#57

2,4-Dinitrotoluene

Concen: 22.171 ng/ul

RT: 15.288 min Scan# 2025

Delta R.T. 0.003 min

Lab File: BG059142.D

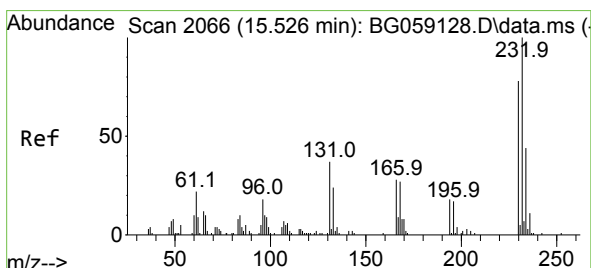
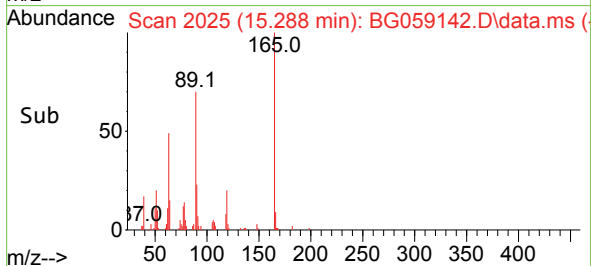
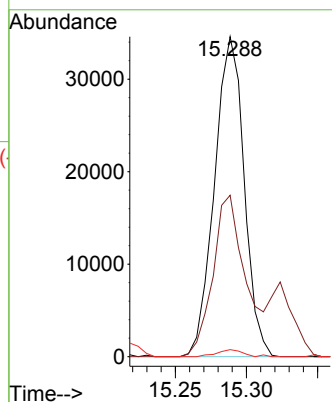
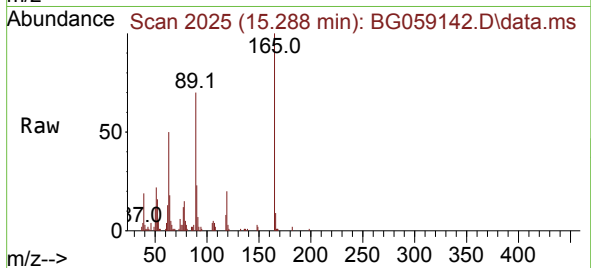
Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	165	Resp:	50118
Ion Ratio	Lower	Upper	
165	100		
63	50.4	40.0	60.0
182	2.2	2.1	3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.063 ng/ul

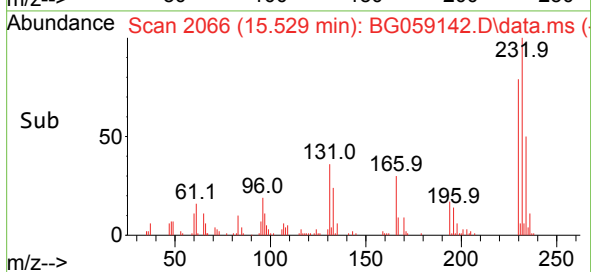
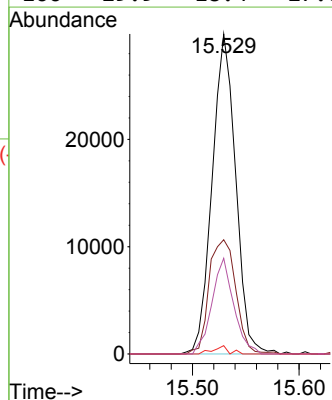
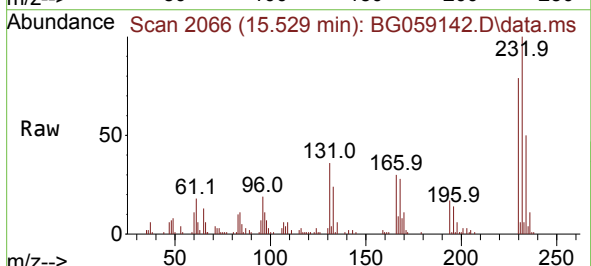
RT: 15.529 min Scan# 2066

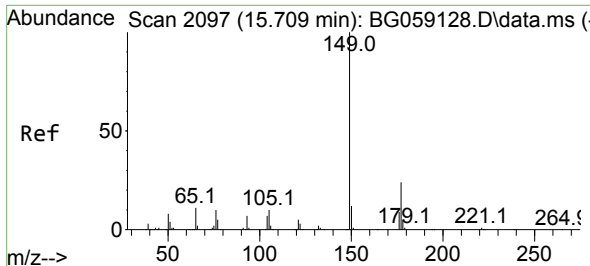
Delta R.T. -0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Tgt Ion:	232	Resp:	45682
Ion Ratio	Lower	Upper	
232	100		
131	35.7	25.8	38.8
130	2.6	1.8	2.6
166	29.9	18.4	27.6

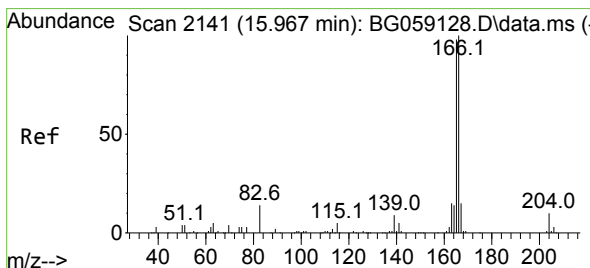
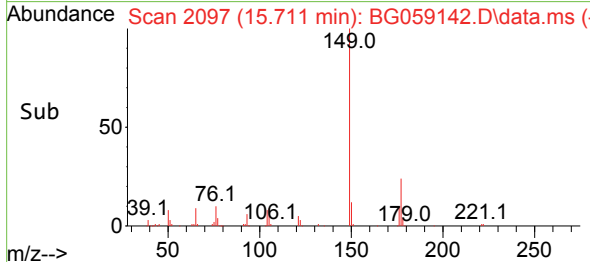
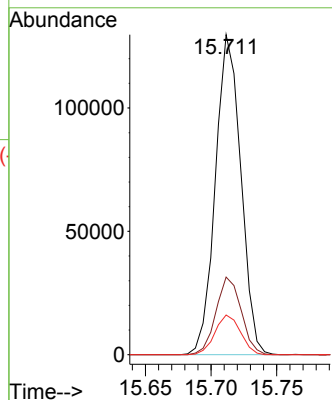
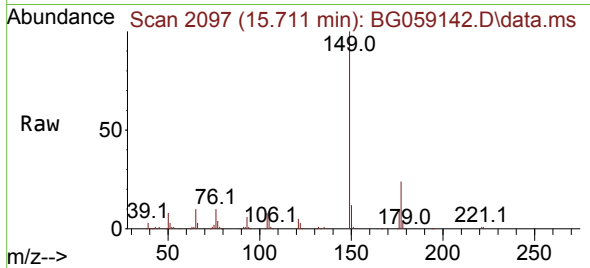




#59
Diethylphthalate
Concen: 20.884 ng/ul
RT: 15.711 min Scan# 2097
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

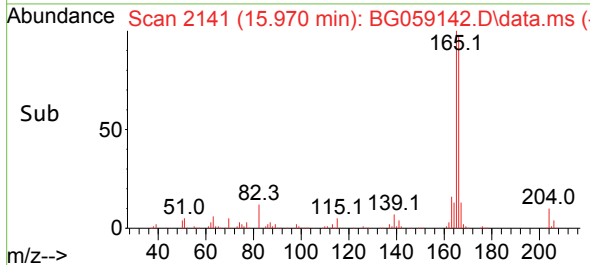
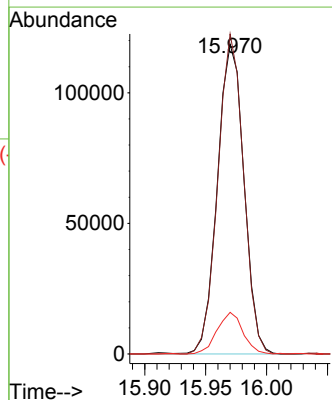
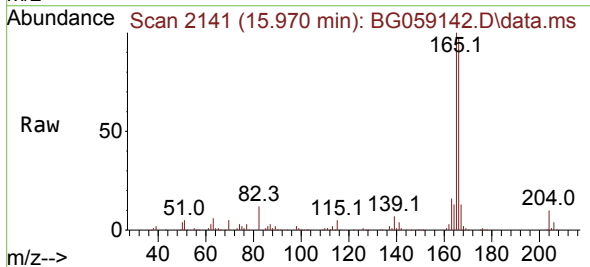
Instrument :
BNA_G
ClientSampleId :

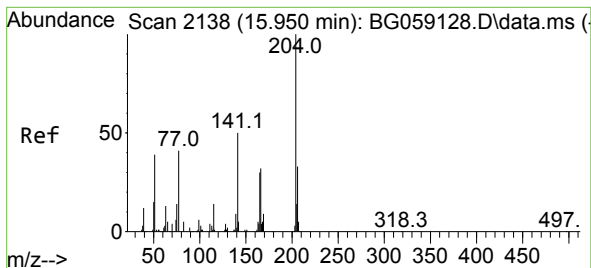
Tgt Ion:149 Resp: 174609
Ion Ratio Lower Upper
149 100
177 24.2 19.4 29.2
150 12.4 9.8 14.8



#61
Fluorene
Concen: 21.672 ng/ul
RT: 15.970 min Scan# 2141
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion:166 Resp: 179838
Ion Ratio Lower Upper
166 100
165 103.3 81.6 122.4
167 13.4 12.1 18.1

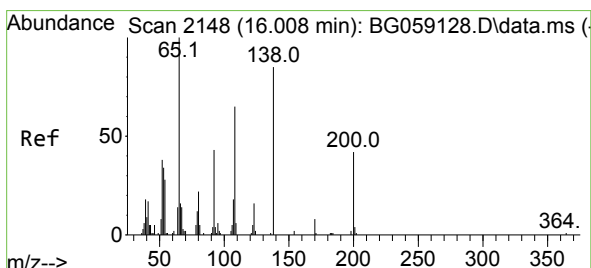
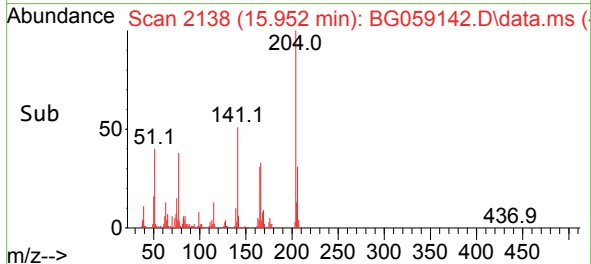
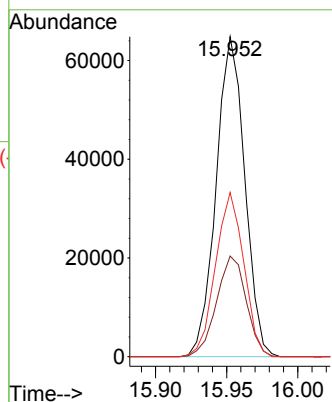
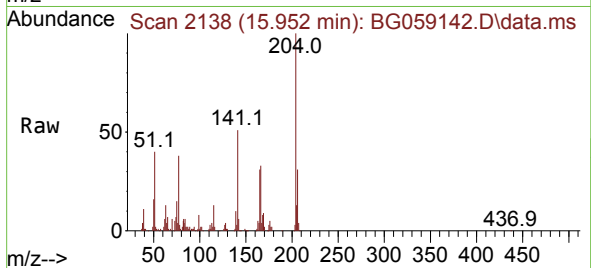




#62
4-Chlorophenyl-phenylether
Concen: 22.075 ng/ul
RT: 15.952 min Scan# 2138
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

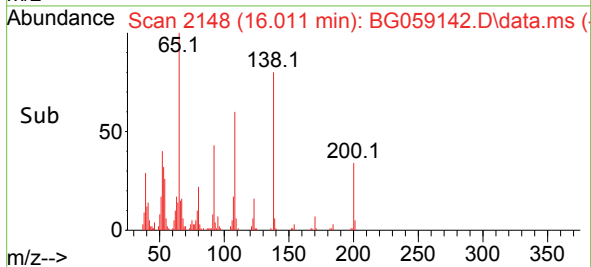
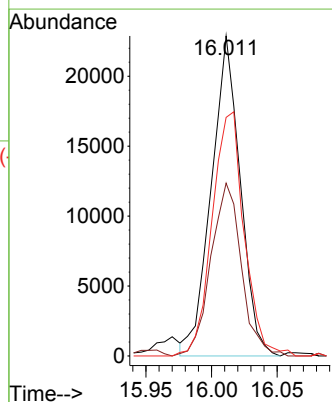
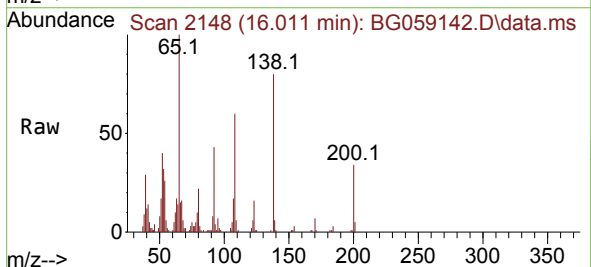
Instrument :
BNA_G
ClientSampleId :

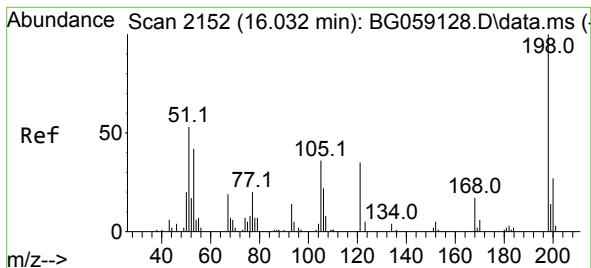
Tgt Ion:204 Resp: 90915
Ion Ratio Lower Upper
204 100
206 31.5 28.2 42.2
141 51.3 43.4 65.0



#63
4-Nitroaniline
Concen: 21.913 ng/ul
RT: 16.011 min Scan# 2148
Delta R.T. 0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion:138 Resp: 35142
Ion Ratio Lower Upper
138 100
92 54.0 39.0 58.6
108 74.5 53.5 80.3

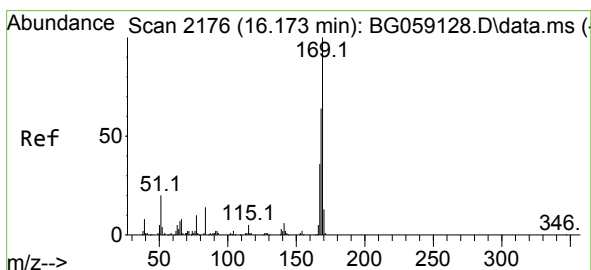
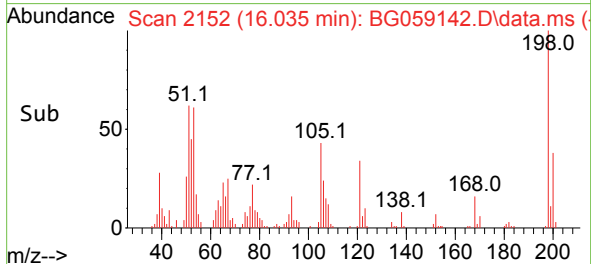
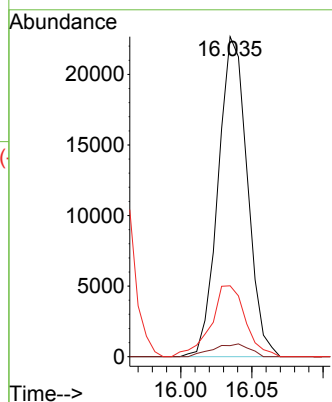
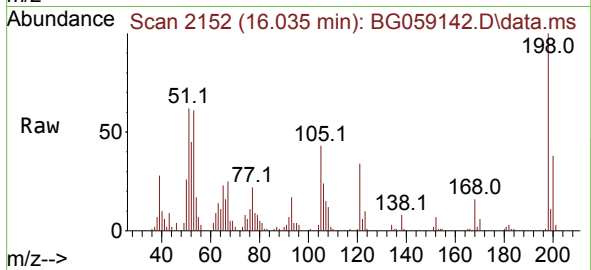




#66
 4,6-Dinitro-2-methylphenol
 Concen: 21.127 ng/ul
 RT: 16.035 min Scan# 2152
 Delta R.T. -0.003 min
 Lab File: BG059142.D
 Acq: 21 Sep 2023 13:49

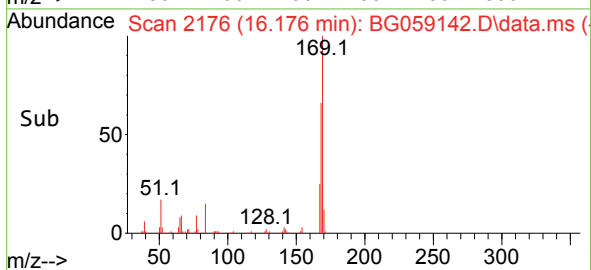
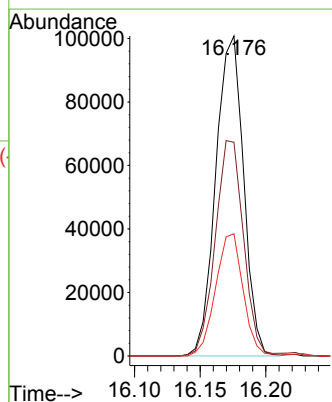
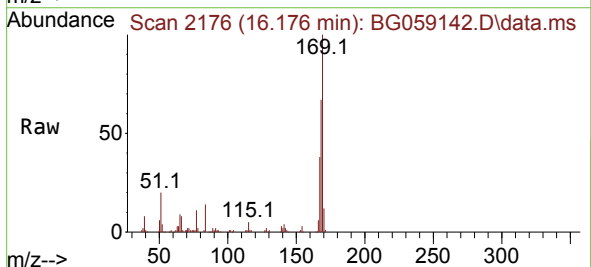
Instrument :
 BNA_G
 ClientSampleId :

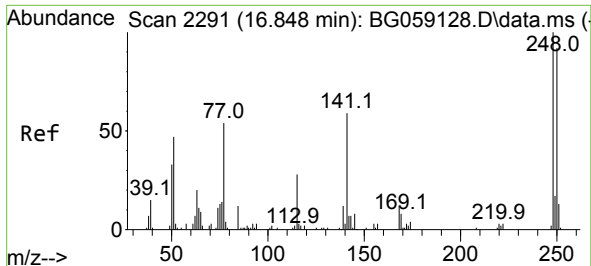
Tgt Ion:198 Resp: 32294
 Ion Ratio Lower Upper
 198 100
 182 3.5 3.5 5.3#
 77 22.1 17.3 25.9



#67
 N-Nitrosodiphenylamine
 Concen: 22.353 ng/ul
 RT: 16.176 min Scan# 2176
 Delta R.T. 0.003 min
 Lab File: BG059142.D
 Acq: 21 Sep 2023 13:49

Tgt Ion:169 Resp: 148452
 Ion Ratio Lower Upper
 169 100
 168 66.8 52.1 78.1
 167 38.2 30.5 45.7

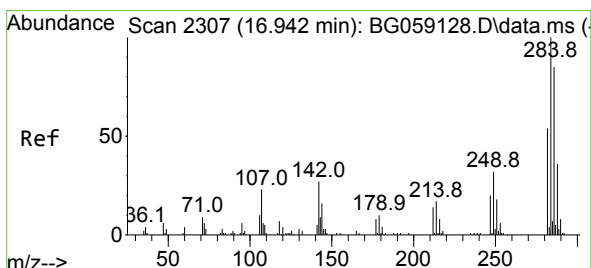
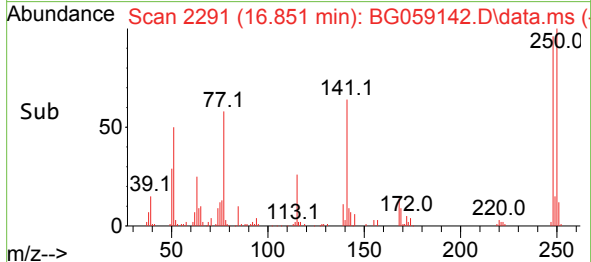
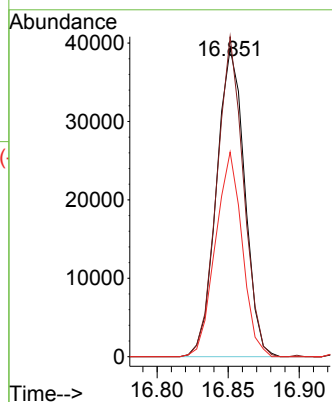
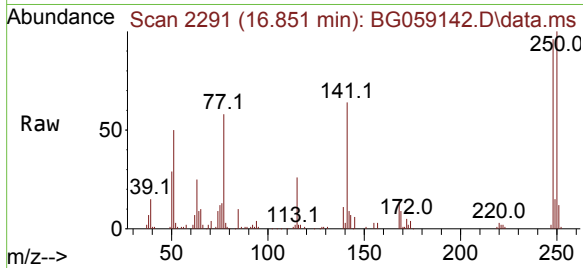




#68
4-Bromophenyl-phenylether
Concen: 22.293 ng/ul
RT: 16.851 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

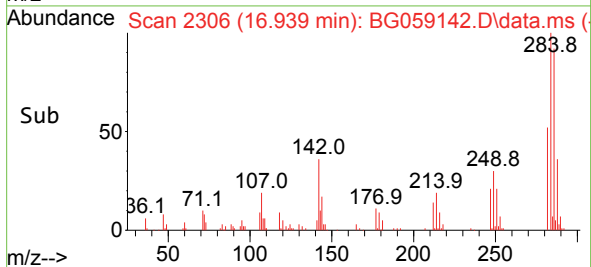
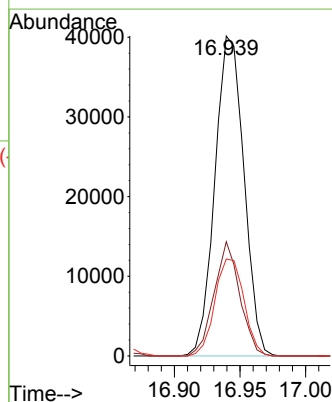
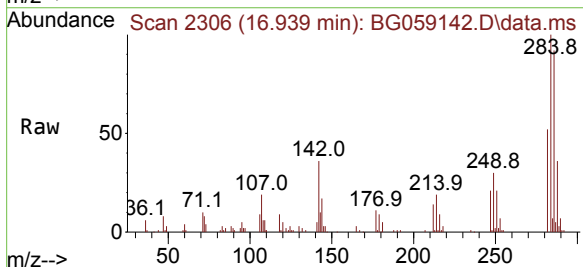
Instrument :
BNA_G
ClientSampleId :

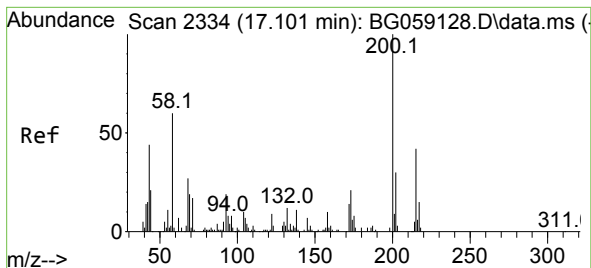
Tgt Ion:248 Resp: 54103
Ion Ratio Lower Upper
248 100
250 103.8 81.8 122.8
141 66.4 50.0 75.0



#69
Hexachlorobenzene
Concen: 22.240 ng/ul
RT: 16.939 min Scan# 2306
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion:284 Resp: 61824
Ion Ratio Lower Upper
284 100
142 35.7 23.2 34.8#
249 30.3 27.8 41.8





#70

Atrazine

Concen: 21.889 ng/ul

RT: 17.104 min Scan# 21

Delta R.T. -0.003 min

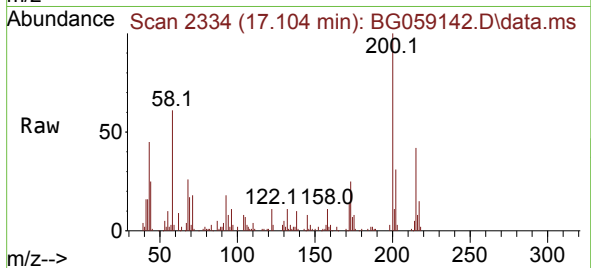
Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

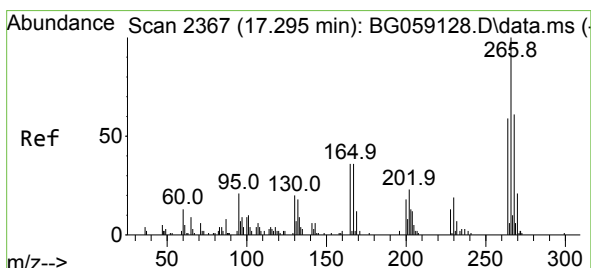
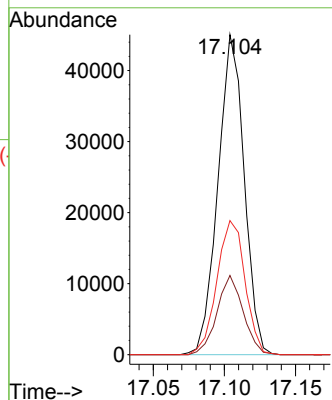
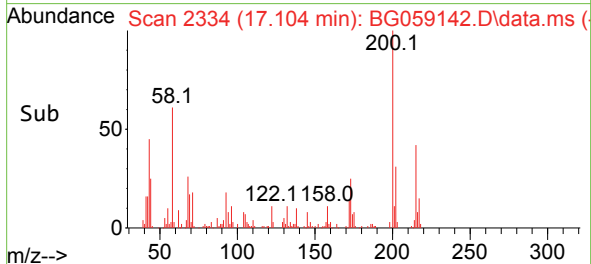
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	200	Resp:	57842
Ion Ratio	Lower	Upper	
200	100		
173	24.7	19.4	29.0
215	41.9	38.5	57.7



#71

Pentachlorophenol

Concen: 21.441 ng/ul

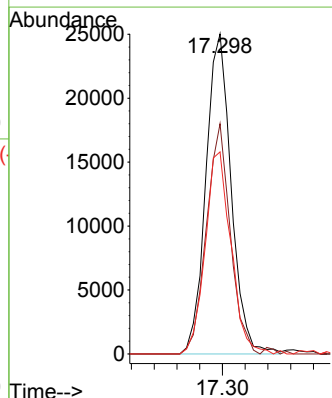
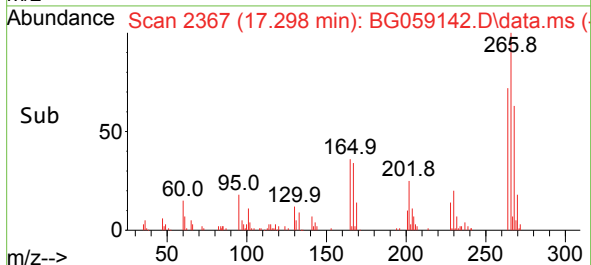
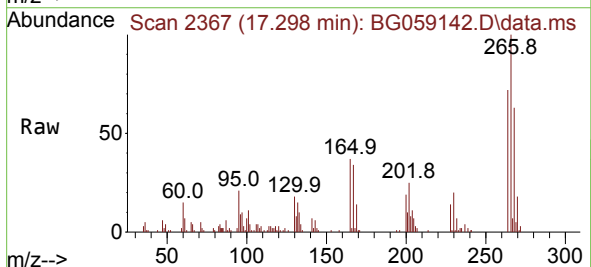
RT: 17.298 min Scan# 2367

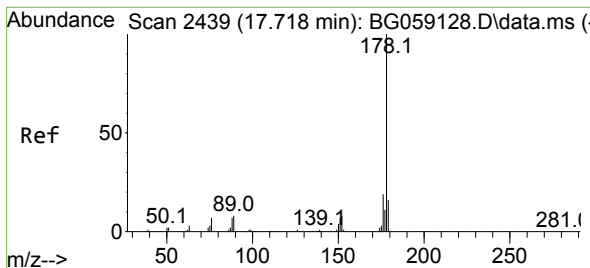
Delta R.T. 0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Tgt Ion:	266	Resp:	38716
Ion Ratio	Lower	Upper	
266	100		
264	71.9	50.6	76.0
268	63.2	56.4	84.6





#72

Phenanthrene

Concen: 21.476 ng/ul

RT: 17.721 min Scan# 2439

Delta R.T. 0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :

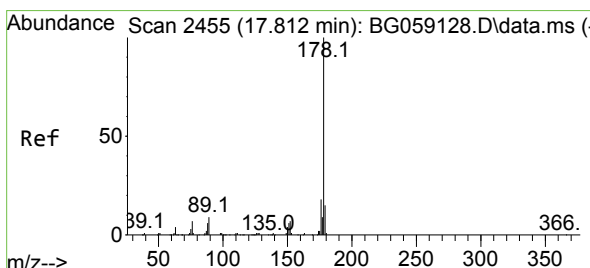
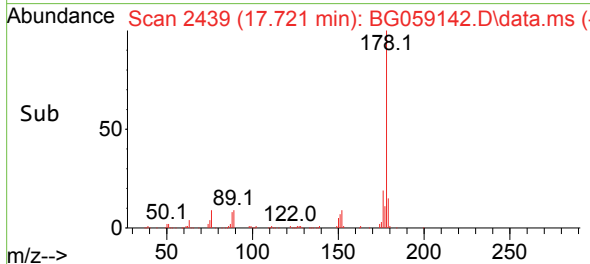
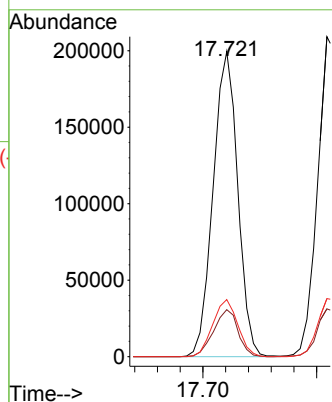
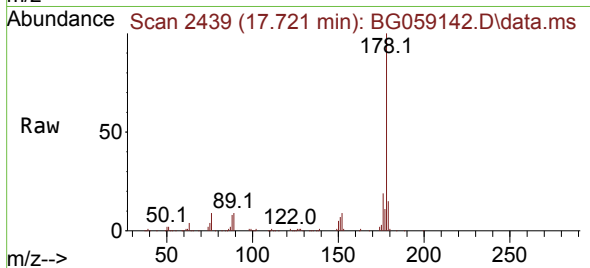
Tgt Ion:178 Resp: 299794

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

176 18.7 14.6 21.8



#74

Anthracene

Concen: 21.682 ng/ul

RT: 17.809 min Scan# 2454

Delta R.T. -0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

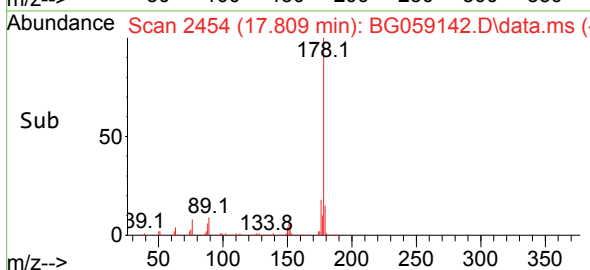
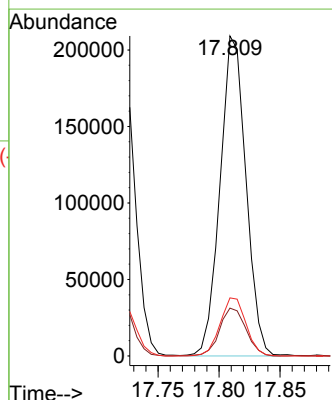
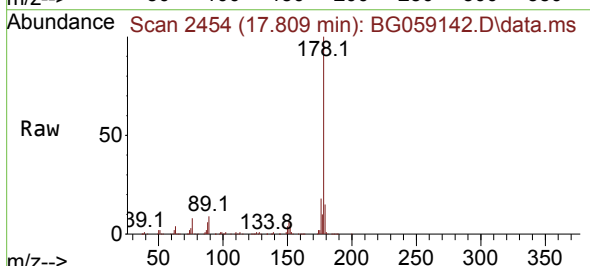
Tgt Ion:178 Resp: 309253

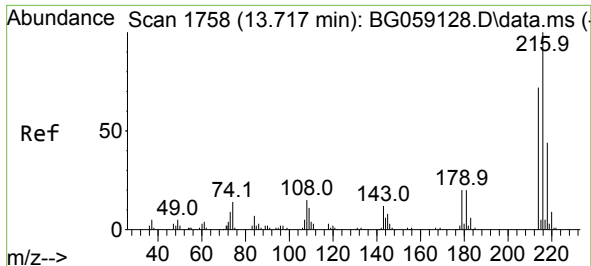
Ion Ratio Lower Upper

178 100

179 15.0 12.4 18.6

176 18.2 14.8 22.2

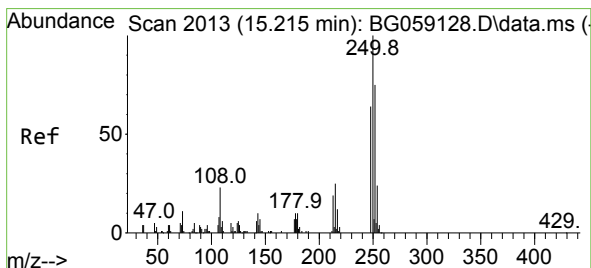
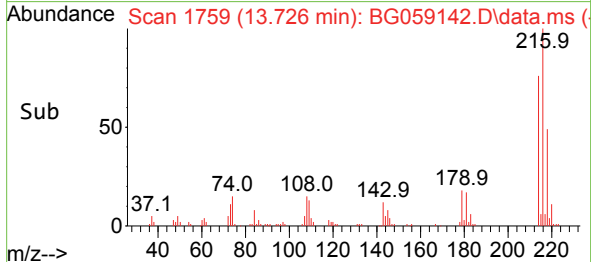
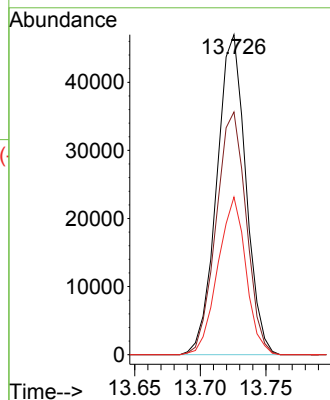
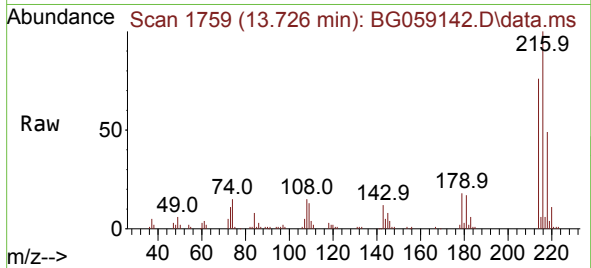




#75
1,2,3,4-Tetrachlorobenzene
Concen: 21.771 ng/uL
RT: 13.726 min Scan# 1758
Delta R.T. 0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

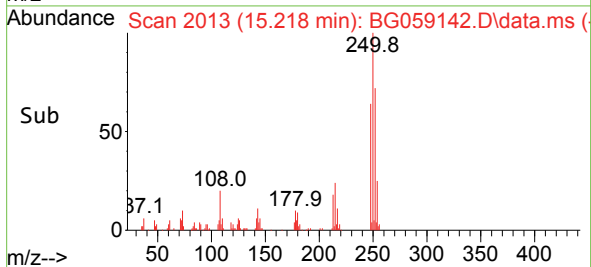
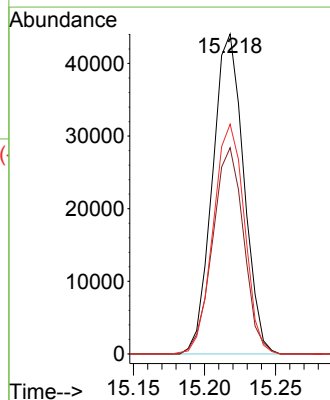
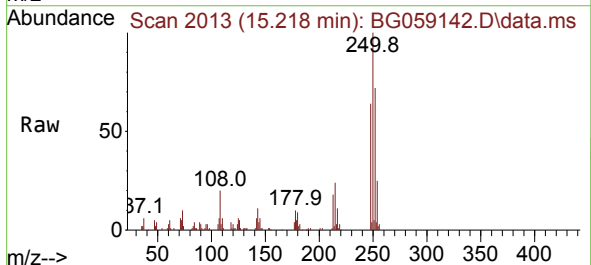
Instrument :
BNA_G
ClientSampleId :

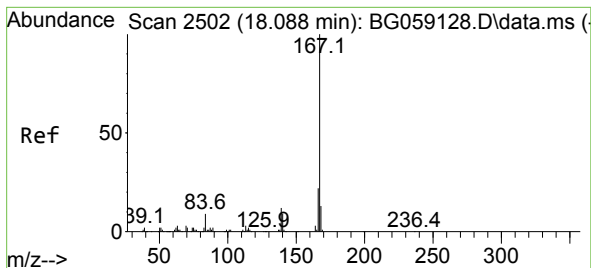
Tgt Ion:216 Resp: 72402
Ion Ratio Lower Upper
216 100
214 75.8 69.9 104.9
218 49.2 39.4 59.0



#76
Pentachlorobenzene
Concen: 21.911 ng/uL
RT: 15.218 min Scan# 2013
Delta R.T. 0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion:250 Resp: 67398
Ion Ratio Lower Upper
250 100
248 64.4 52.5 78.7
252 71.8 59.4 89.2





#77

Carbazole

Concen: 21.230 ng/ul

RT: 18.085 min Scan# 2502

Delta R.T. -0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :

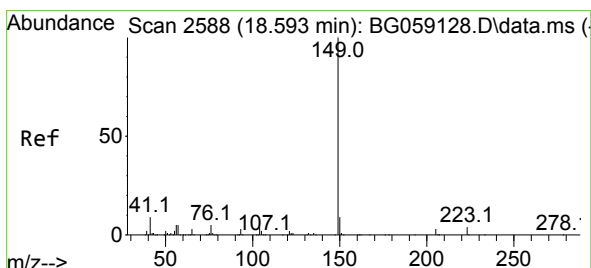
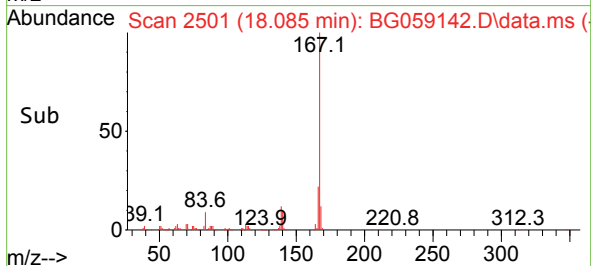
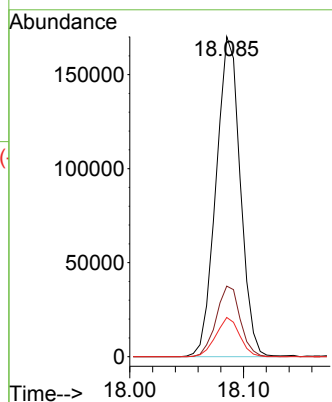
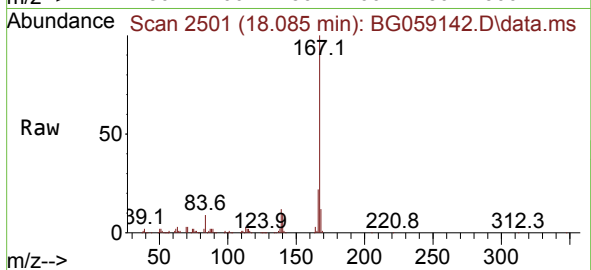
Tgt Ion:167 Resp: 251751

Ion Ratio Lower Upper

167 100

166 22.0 16.7 25.1

139 12.2 9.4 14.0



#78

Di-n-butylphthalate

Concen: 20.959 ng/ul

RT: 18.590 min Scan# 2587

Delta R.T. -0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

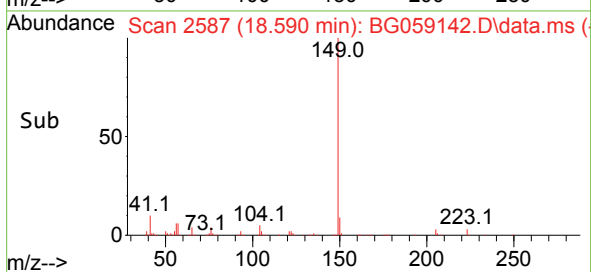
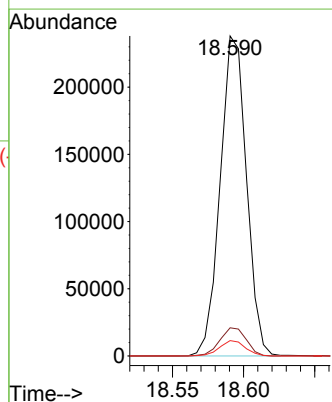
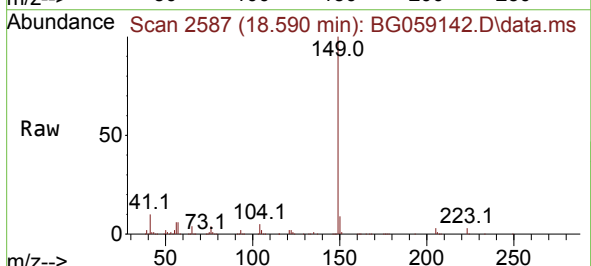
Tgt Ion:149 Resp: 306186

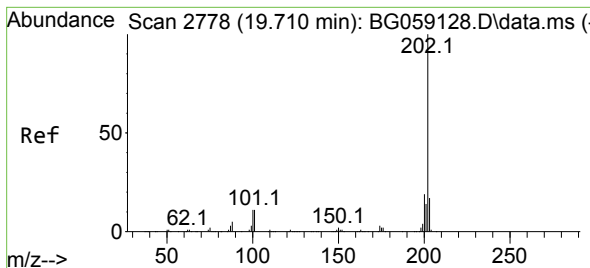
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 4.8 3.5 5.3





#80

Fluoranthene

Concen: 21.347 ng/ul

RT: 19.713 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :

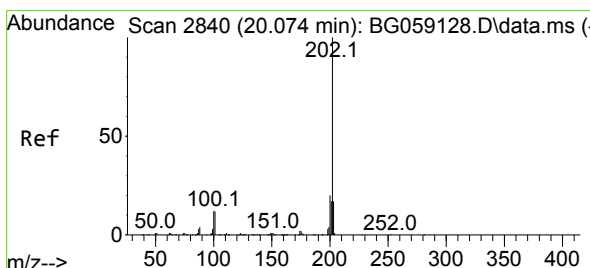
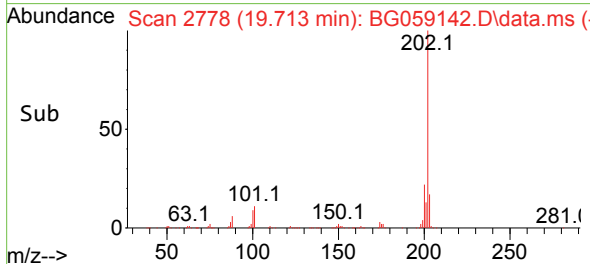
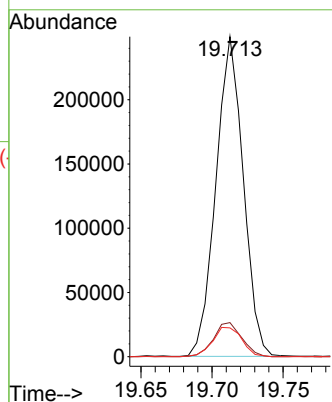
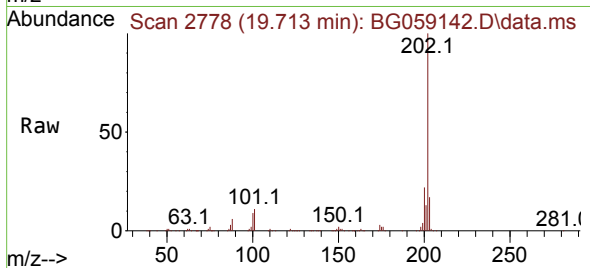
Tgt Ion:202 Resp: 333039

Ion Ratio Lower Upper

202 100

101 10.6 9.2 13.8

100 9.0 7.7 11.5



#82

Pyrene

Concen: 21.455 ng/ul

RT: 20.077 min Scan# 2840

Delta R.T. 0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

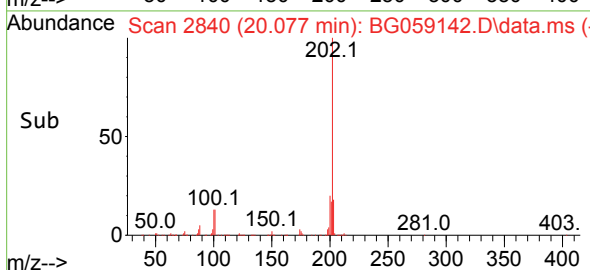
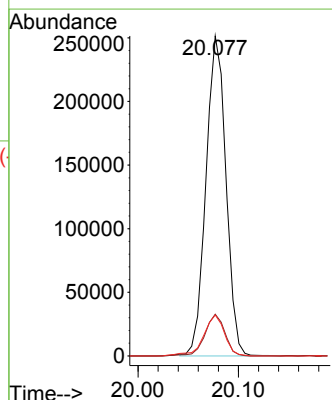
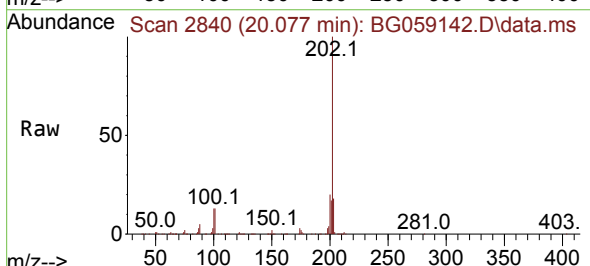
Tgt Ion:202 Resp: 349139

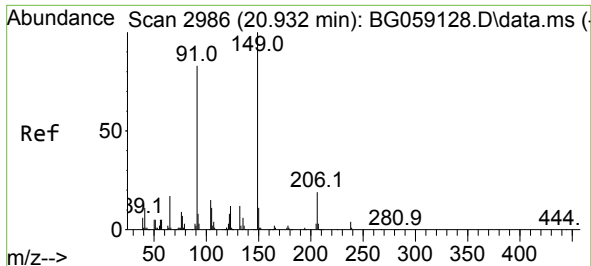
Ion Ratio Lower Upper

202 100

101 13.1 11.0 16.4

100 12.8 10.1 15.1

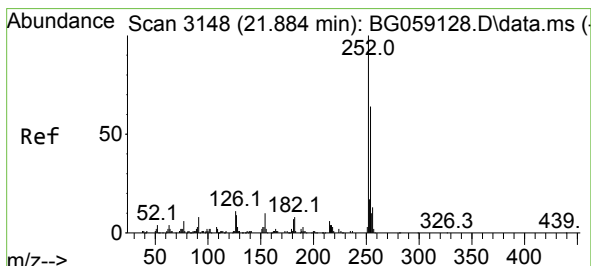
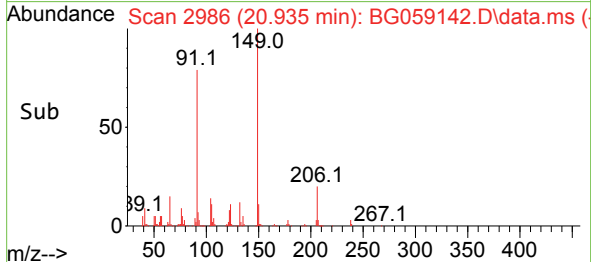
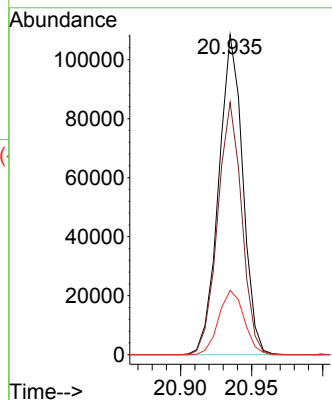
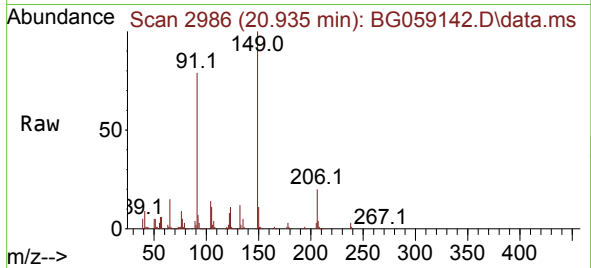




#83
Butylbenzylphthalate
Concen: 21.728 ng/ul
RT: 20.935 min Scan# 2986
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

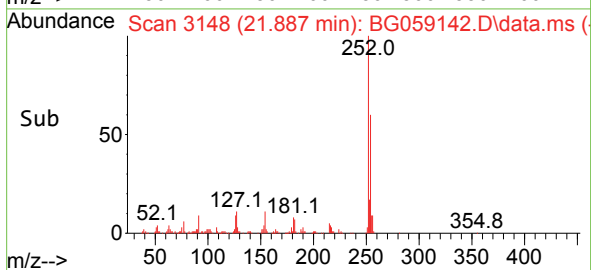
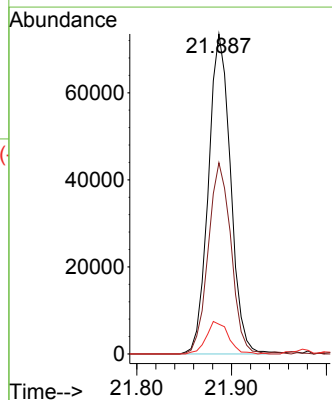
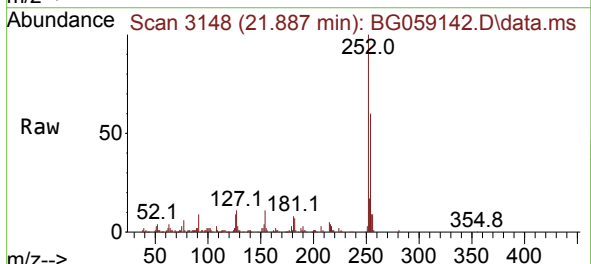
Instrument :
BNA_G
ClientSampleId :

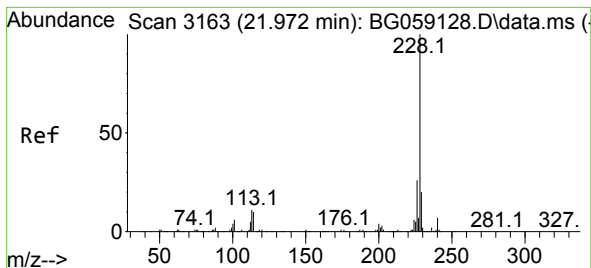
Tgt Ion:149 Resp: 127721
Ion Ratio Lower Upper
149 100
91 78.8 61.2 91.8
206 20.1 15.8 23.6



#84
3,3'-Dichlorobenzidine
Concen: 23.074 ng/ul
RT: 21.887 min Scan# 3148
Delta R.T. 0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion:252 Resp: 119429
Ion Ratio Lower Upper
252 100
254 59.8 52.4 78.6
126 9.3 8.2 12.2





#85

Benzo(a)anthracene

Concen: 21.282 ng/ul

RT: 21.975 min Scan# 3163

Delta R.T. 0.003 min

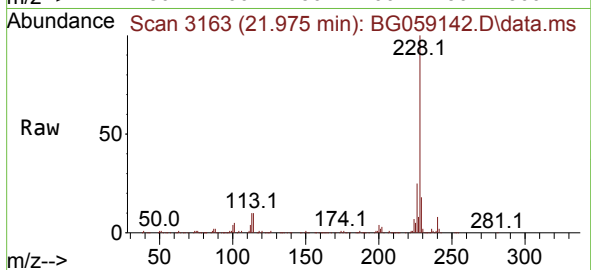
Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :



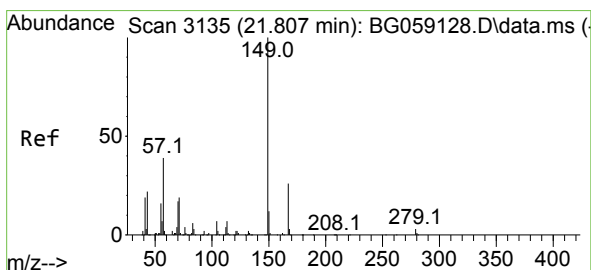
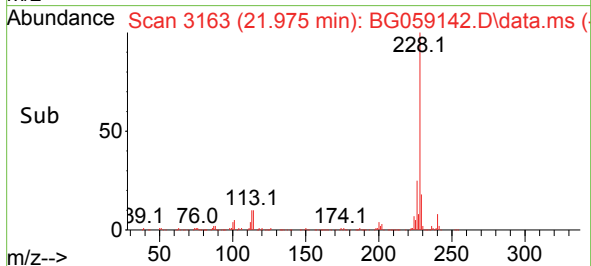
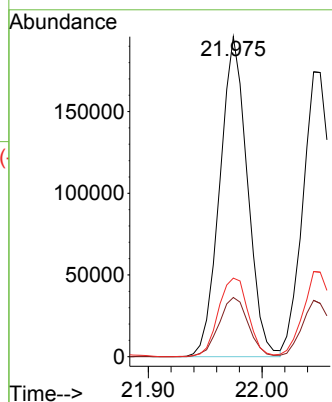
Tgt Ion:228 Resp: 330950

Ion Ratio Lower Upper

228 100

229 18.5 16.1 24.1

226 24.5 20.6 30.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.608 ng/ul

RT: 21.810 min Scan# 3135

Delta R.T. -0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

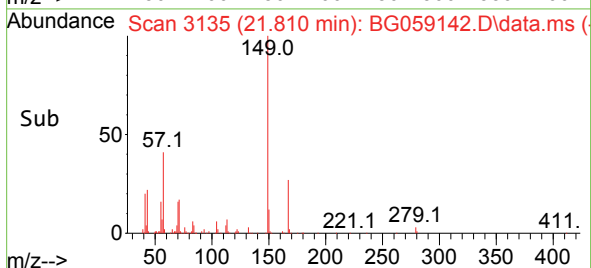
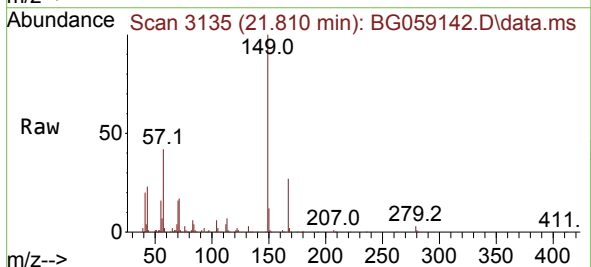
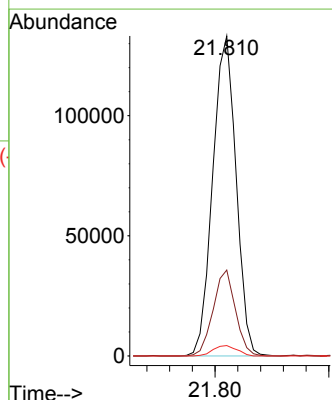
Tgt Ion:149 Resp: 190040

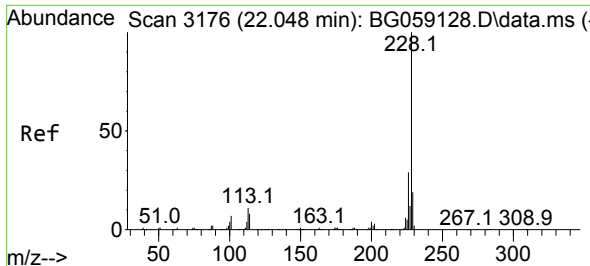
Ion Ratio Lower Upper

149 100

167 26.9 20.2 30.4

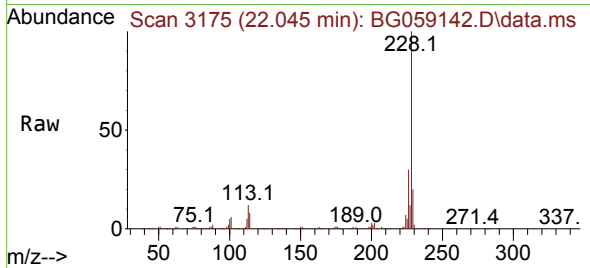
279 3.2 3.2 4.8



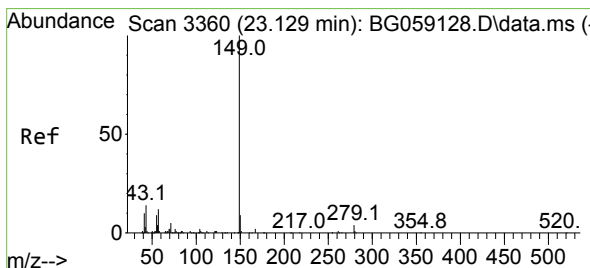
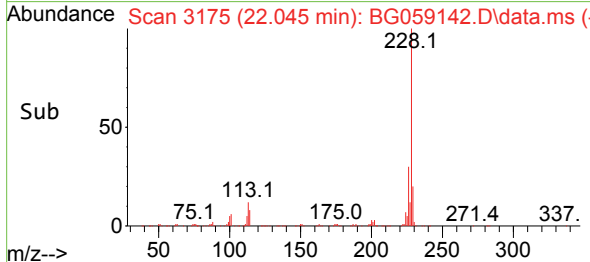
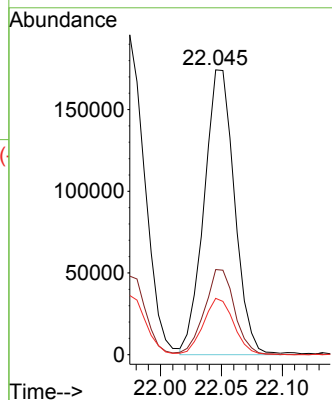


#87
Chrysene
Concen: 20.888 ng/ul
RT: 22.045 min Scan# 3176
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Instrument :
BNA_G
ClientSampleId :

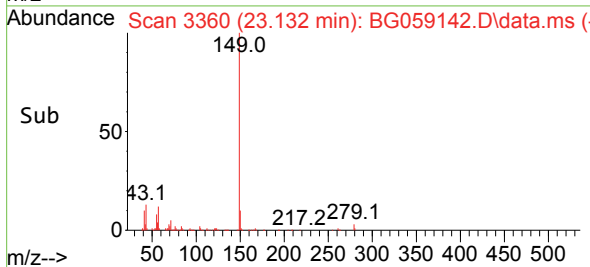
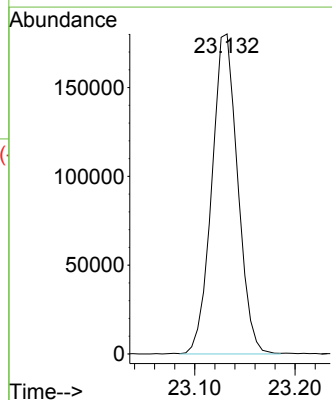
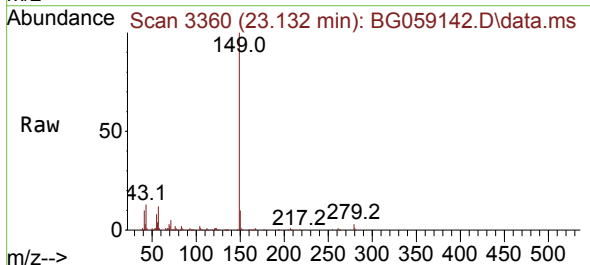


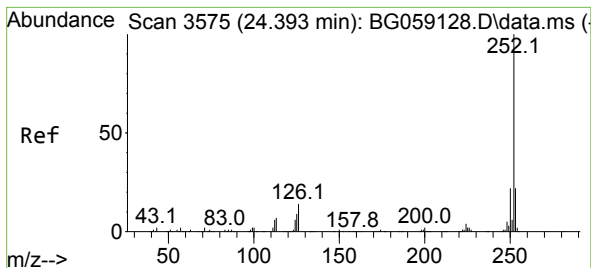
Tgt Ion:228 Resp: 302936
Ion Ratio Lower Upper
228 100
226 29.9 23.3 34.9
229 19.8 15.6 23.4



#89
Di-n-octyl phthalate
Concen: 21.233 ng/ul
RT: 23.132 min Scan# 3360
Delta R.T. -0.003 min
Lab File: BG059142.D
Acq: 21 Sep 2023 13:49

Tgt Ion:149 Resp: 322885





#90

Benzo(b)fluoranthene

Concen: 21.838 ng/ul

RT: 24.395 min Scan# 3575

Delta R.T. 0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :

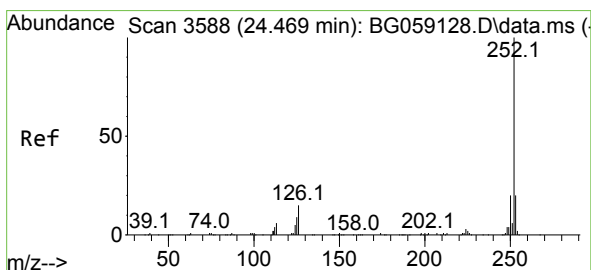
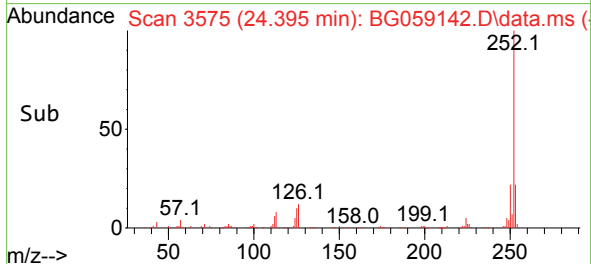
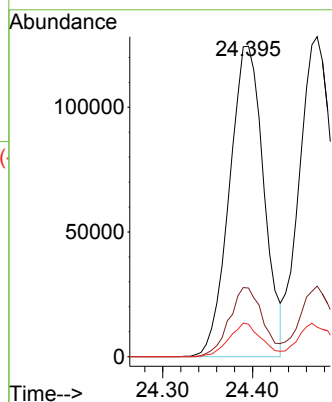
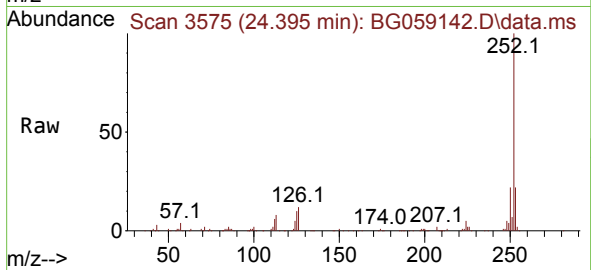
Tgt Ion:252 Resp: 330978

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 10.5 8.6 13.0



#91

Benzo(k)fluoranthene

Concen: 21.246 ng/ul

RT: 24.472 min Scan# 3588

Delta R.T. -0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

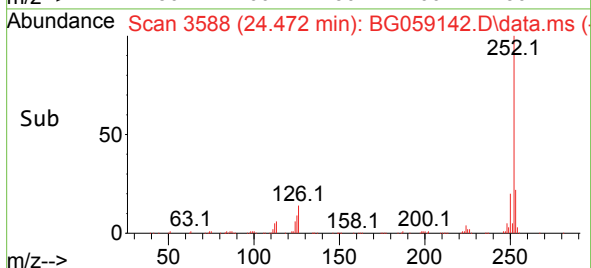
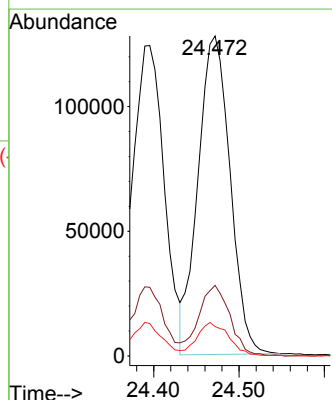
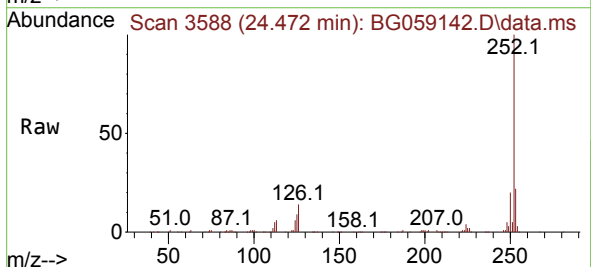
Tgt Ion:252 Resp: 333860

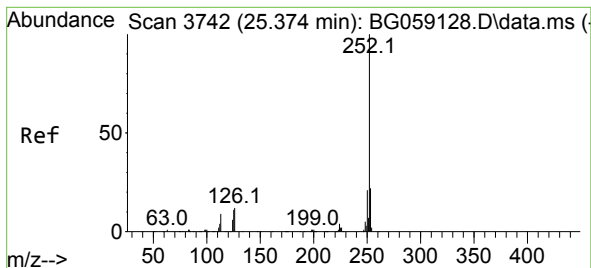
Ion Ratio Lower Upper

252 100

253 22.1 16.5 24.7

125 9.2 7.9 11.9





#93

Benzo(a)pyrene

Concen: 21.482 ng/ul

RT: 25.371 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :

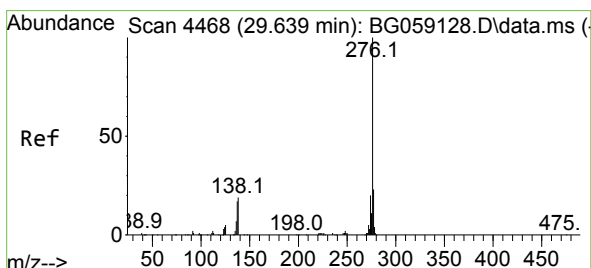
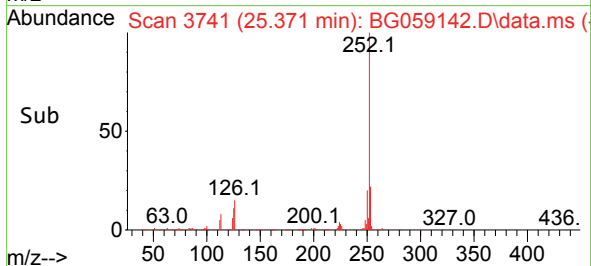
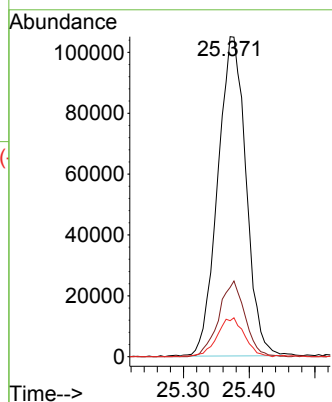
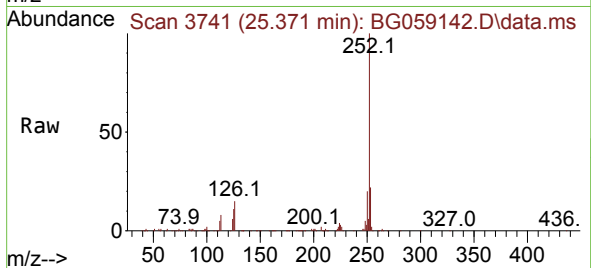
Tgt Ion:252 Resp: 312915

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 11.3 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.592 ng/ul

RT: 29.642 min Scan# 4468

Delta R.T. 0.003 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

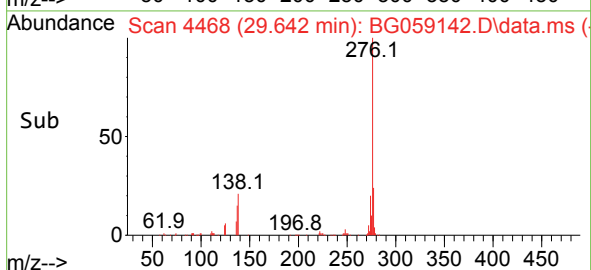
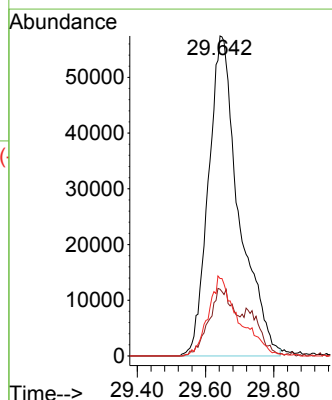
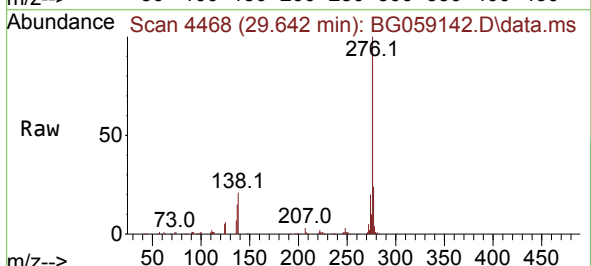
Tgt Ion:276 Resp: 357693

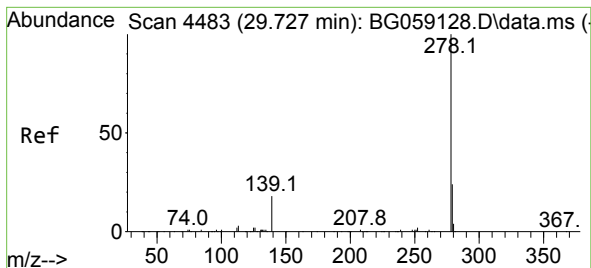
Ion Ratio Lower Upper

276 100

138 20.8 17.1 25.7

277 24.2 20.4 30.6





#95

Dibenzo(a,h)anthracene

Concen: 21.564 ng/ul

RT: 29.730 min Scan# 4483

Delta R.T. -0.003 min

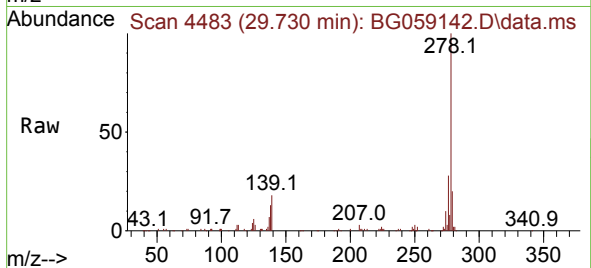
Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Instrument :

BNA_G

ClientSampleId :



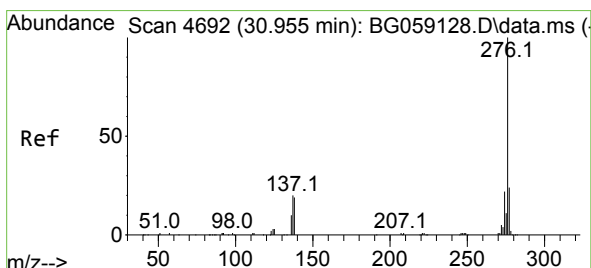
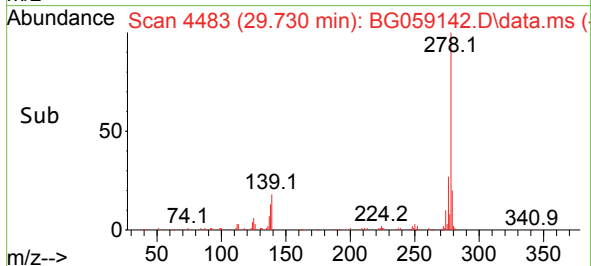
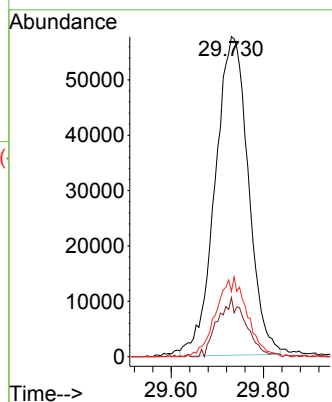
Tgt Ion:278 Resp: 287074

Ion Ratio Lower Upper

278 100

139 18.5 13.8 20.6

279 20.4 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 10.785 ng/ul

RT: 30.941 min Scan# 4689

Delta R.T. -0.021 min

Lab File: BG059142.D

Acq: 21 Sep 2023 13:49

Tgt Ion:276 Resp: 143918

Ion Ratio Lower Upper

276 100

138 23.1 16.9 25.3

277 24.2 19.3 28.9

