

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091823\
 Data File : BG059090.D
 Acq On : 18 Sep 2023 18:54
 Operator : MA/JU
 Sample : PB154929BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154929BS

Quant Time: Sep 19 03:30:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 02:12:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	28311	20.000	ng	0.00
21) Naphthalene-d8	11.143	136	140461	20.000	ng	# 0.00
39) Acenaphthene-d10	14.927	164	93422	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	203472	20.000	ng	0.00
76) Chrysene-d12	22.007	240	184416	20.000	ng	0.00
86) Perylene-d12	25.550	264	206170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	322511	177.968	ng	0.00
7) Phenol-d6	7.418	99	462011	171.538	ng	0.00
23) Nitrobenzene-d5	9.498	82	266138	101.335	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	169930	158.116	ng	0.00
45) 2-Fluorobiphenyl	13.552	172	626525	100.136	ng	0.00
79) Terphenyl-d14	20.262	244	982020	100.181	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.646	88	32399	36.651	ng	98
3) Pyridine	4.058	79	88243	34.905	ng	98
4) n-Nitrosodimethylamine	3.987	42	59388	46.955	ng	85
6) Aniline	7.624	93	140335	40.441	ng	95
8) 2-Chlorophenol	7.847	128	125236	60.976	ng	96
9) Benzaldehyde	7.442	77	37816	25.905	ng	95
10) Phenol	7.448	94	166727	63.290	ng	98
11) bis(2-Chloroethyl)ether	7.718	93	111999	53.574	ng	94
12) 1,3-Dichlorobenzene	8.182	146	113646	54.336	ng	96
13) 1,4-Dichlorobenzene	8.335	146	118158	56.421	ng	99
14) 1,2-Dichlorobenzene	8.658	146	115064	56.500	ng	98
15) Benzyl Alcohol	8.541	79	108686	56.387	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.817	45	228267	54.209	ng	99
17) 2-Methylphenol	8.723	107	111948	54.759	ng	91
18) Hexachloroethane	9.387	117	39717	53.995	ng	98
19) n-Nitroso-di-n-propyla...	9.105	70	90317	52.348	ng	93
20) 3+4-Methylphenols	9.052	107	159779	57.750	ng	95
22) Acetophenone	9.146	105	194072	53.651	ng	95
24) Nitrobenzene	9.545	77	133381	52.830	ng	97
25) Isophorone	10.051	82	273352	51.334	ng	100
26) 2-Nitrophenol	10.250	139	65623	56.367	ng	99
27) 2,4-Dimethylphenol	10.274	122	120392	54.492	ng	95
28) bis(2-Chloroethoxy)met...	10.532	93	160381	53.080	ng	98
29) 2,4-Dichlorophenol	10.773	162	124744	60.755	ng	99
30) 1,2,4-Trichlorobenzene	10.991	180	111673	56.267	ng	97
31) Naphthalene	11.196	128	383506	53.407	ng	98
32) Benzoic acid	10.386	122	93295	54.902	ng	88
33) 4-Chloroaniline	11.314	127	101789	31.612	ng	98
34) Hexachlorobutadiene	11.425	225	62800	52.280	ng	95
35) Caprolactam	12.107	113	19084	23.645	ng	97
36) 4-Chloro-3-methylphenol	12.383	107	141851	59.330	ng	97
37) 2-Methylnaphthalene	12.777	142	264796	51.944	ng	99
38) 1-Methylnaphthalene	12.994	142	254834	53.070	ng	98
40) 1,2,4,5-Tetrachloroben...	13.118	216	124745	53.216	ng	99
41) Hexachlorocyclopentadiene	13.076	237	149968	117.191	ng	97
43) 2,4,6-Trichlorophenol	13.358	196	100064	58.365	ng	99

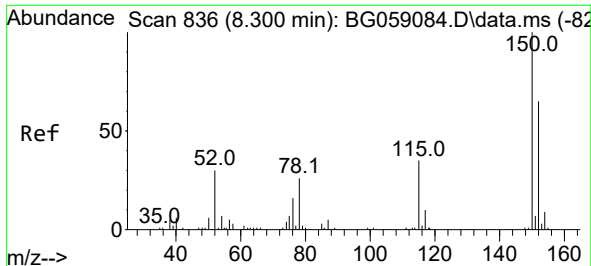
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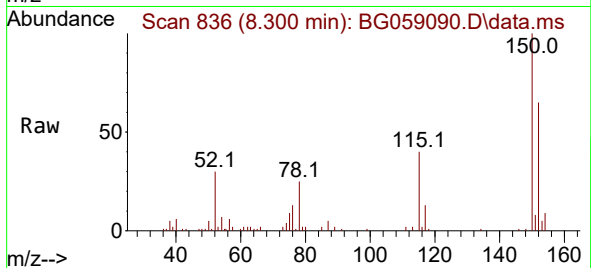
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.429	196	108364	53.251	ng	96
46) 1,1'-Biphenyl	13.770	154	351200	53.187	ng	97
47) 2-Chloronaphthalene	13.823	162	284856	55.499	ng	97
48) 2-Nitroaniline	14.034	65	105766	56.744	ng	98
49) Acenaphthylene	14.663	152	466624	54.968	ng	98
50) Dimethylphthalate	14.375	163	389061	54.014	ng	96
51) 2,6-Dinitrotoluene	14.516	165	80471	55.430	ng	94
52) Acenaphthene	14.992	154	257870	53.390	ng	98
53) 3-Nitroaniline	14.857	138	70264	41.122	ng	99
54) 2,4-Dinitrophenol	15.051	184	97638	121.354	ng	91
55) Dibenzofuran	15.327	168	444367	53.043	ng	99
56) 4-Nitrophenol	15.127	139	156894	118.279	ng	97
57) 2,4-Dinitrotoluene	15.297	165	114392	58.428	ng	94
58) Fluorene	15.973	166	363783	52.805	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.532	232	96070	57.012	ng	98
60) Diethylphthalate	15.720	149	366707	51.195	ng	98
61) 4-Chlorophenyl-phenyle...	15.955	204	162381	52.112	ng	99
62) 4-Nitroaniline	16.020	138	93750	54.847	ng	94
63) Azobenzene	16.255	77	367546	52.136	ng	98
65) 4,6-Dinitro-2-methylph...	16.044	198	65959	56.032	ng	94
66) n-Nitrosodiphenylamine	16.179	169	322251	53.373	ng	97
67) 4-Bromophenyl-phenylether	16.854	248	103604	52.530	ng	94
68) Hexachlorobenzene	16.948	284	113689	55.712	ng	98
69) Atrazine	17.113	200	118099	60.734	ng	96
70) Pentachlorophenol	17.301	266	144839	91.737	ng	98
71) Phenanthrene	17.724	178	594218	55.074	ng	99
72) Anthracene	17.818	178	606572	54.702	ng	99
73) Carbazole	18.094	167	584751	55.614	ng	97
74) Di-n-butylphthalate	18.599	149	687744	53.369	ng	99
75) Fluoranthene	19.716	202	681105	53.663	ng	98
77) Benzidine	19.904	184	212550	54.438	ng	99
78) Pyrene	20.080	202	714855	54.935	ng	100
80) Butylbenzylphthalate	20.944	149	293978	54.518	ng	94
81) Benzo(a)anthracene	21.984	228	675500	54.023	ng	99
82) 3,3'-Dichlorobenzidine	21.896	252	206067	45.734	ng	98
83) Chrysene	22.054	228	623047	51.986	ng	100
84) Bis(2-ethylhexyl)phtha...	21.819	149	436324	53.211	ng #	100
85) Di-n-octyl phthalate	23.147	149	759239	54.587	ng	99
87) Indeno(1,2,3-cd)pyrene	29.681	276	770171	57.919	ng	94
88) Benzo(b)fluoranthene	24.410	252	708875	59.437	ng	98
89) Benzo(k)fluoranthene	24.487	252	685667	55.952	ng	98
90) Benzo(a)pyrene	25.386	252	622973	53.207	ng	99
91) Dibenzo(a,h)anthracene	29.769	278	629078	58.404	ng	95
92) Benzo(g,h,i)perylene	30.985	276	617859	56.093	ng	99

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

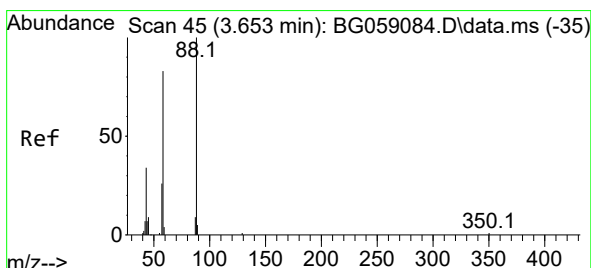
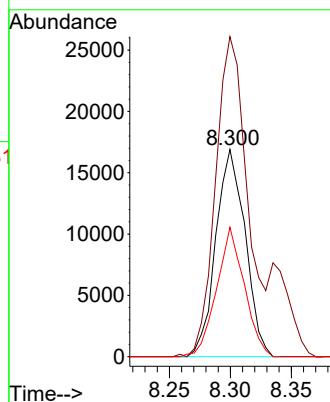
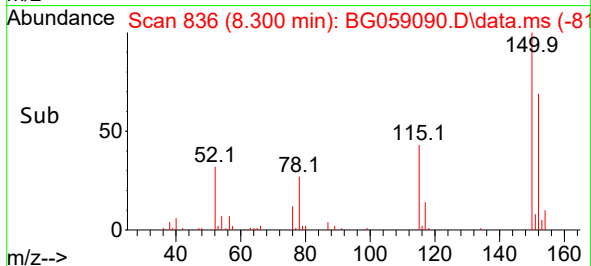


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Instrument :
BNA_G
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PB154929BS

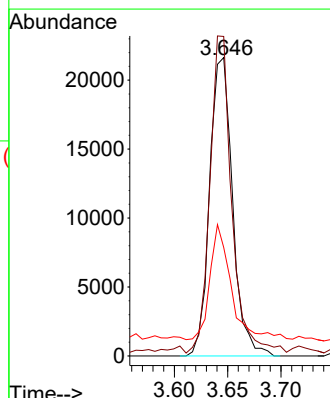
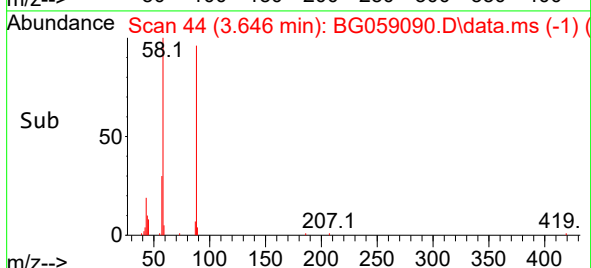
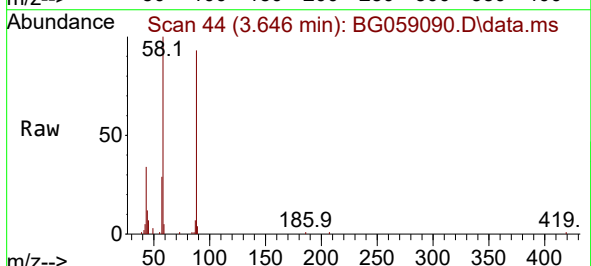


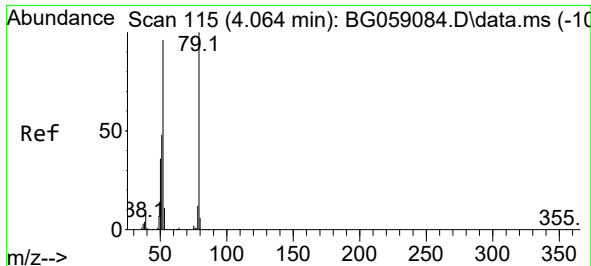
Tgt Ion:152 Resp: 28311
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 62.4 43.3 64.9



#2
1,4-Dioxane
Concen: 36.651 ng
RT: 3.646 min Scan# 44
Delta R.T. -0.006 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion: 88 Resp: 32399
Ion Ratio Lower Upper
88 100
58 101.5 80.6 121.0
43 35.5 26.5 39.7

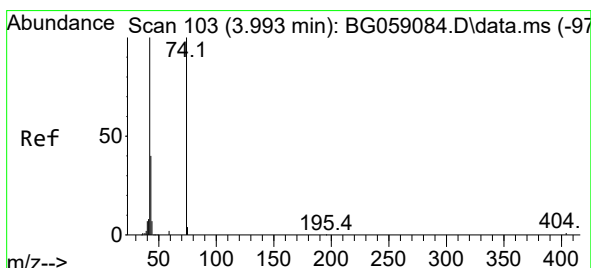
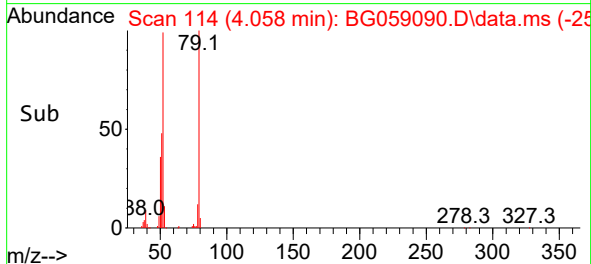
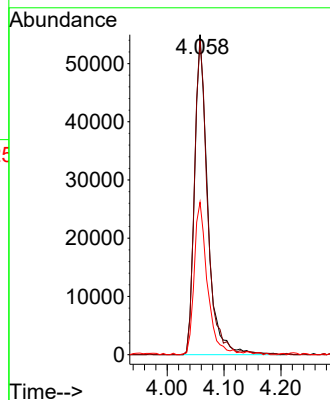
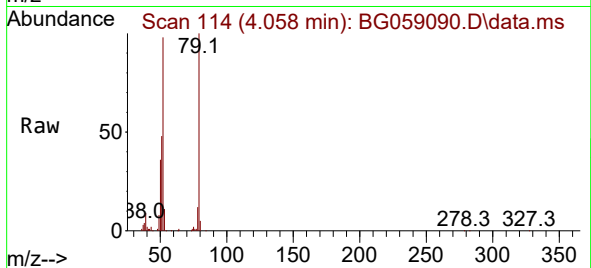




#3
Pyridine
Concen: 34.905 ng
RT: 4.058 min Scan# 114
Delta R.T. -0.006 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

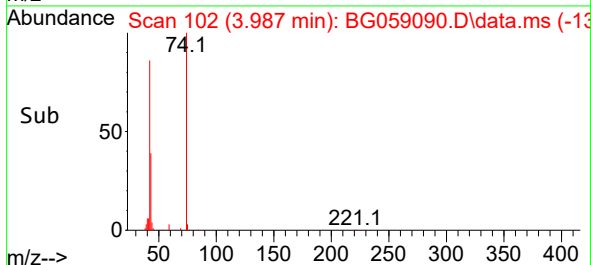
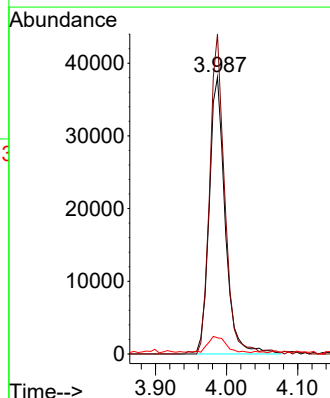
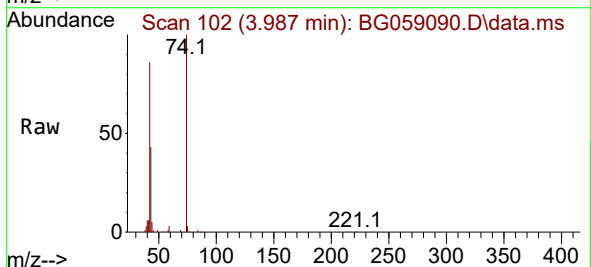
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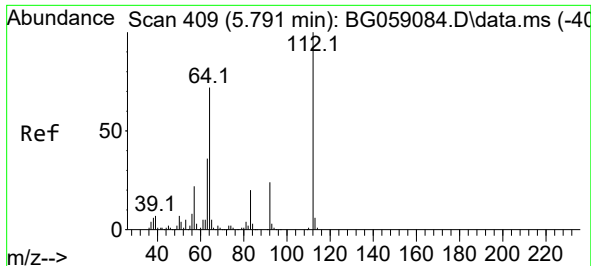
Tgt Ion: 79 Resp: 88243
Ion Ratio Lower Upper
79 100
52 98.1 77.0 115.4
51 47.6 38.6 57.8



#4
n-Nitrosodimethylamine
Concen: 46.955 ng
RT: 3.987 min Scan# 102
Delta R.T. -0.006 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion: 42 Resp: 59388
Ion Ratio Lower Upper
42 100
74 115.6 80.2 120.2
44 5.9 5.4 8.2

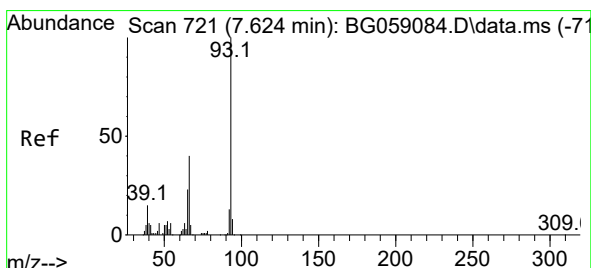
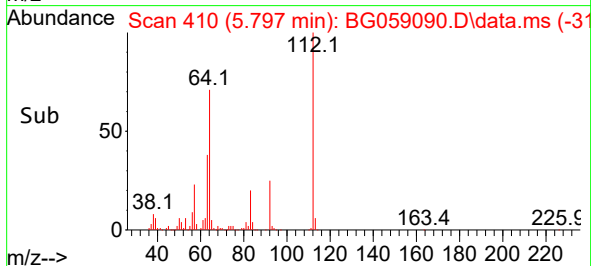
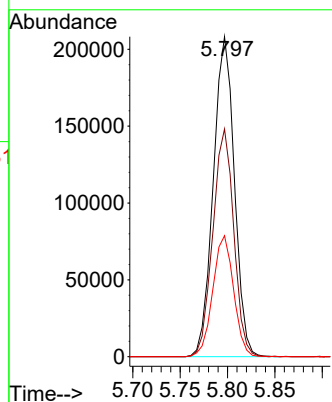
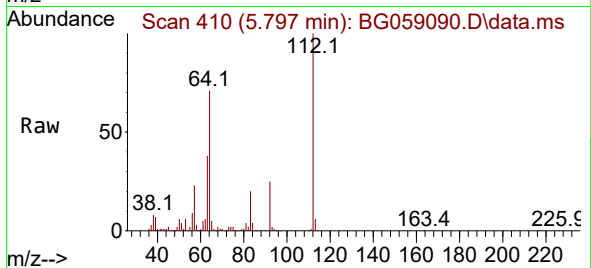




#5
2-Fluorophenol
Concen: 177.968 ng
RT: 5.797 min Scan# 410
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

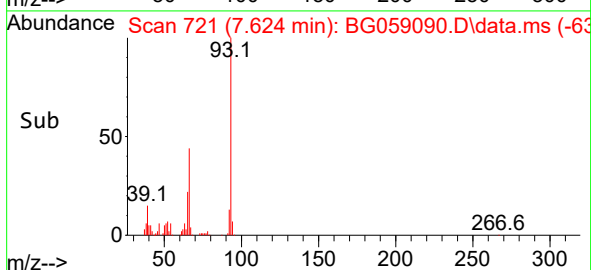
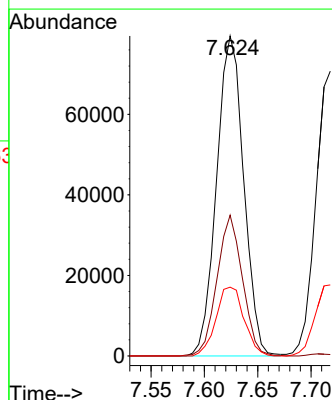
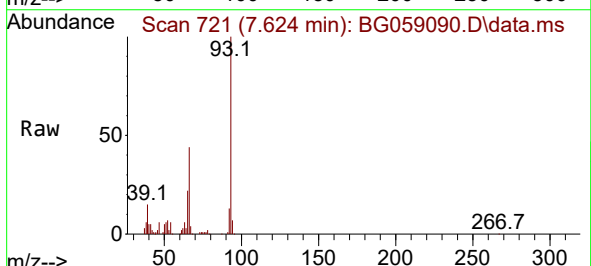
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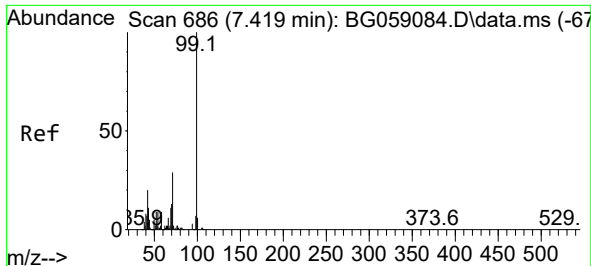
Tgt Ion:112 Resp: 322511
Ion Ratio Lower Upper
112 100
64 71.2 57.5 86.3
63 37.8 28.7 43.1



#6
Aniline
Concen: 40.441 ng
RT: 7.624 min Scan# 721
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion: 93 Resp: 140335
Ion Ratio Lower Upper
93 100
66 44.0 32.1 48.1
65 21.5 18.4 27.6

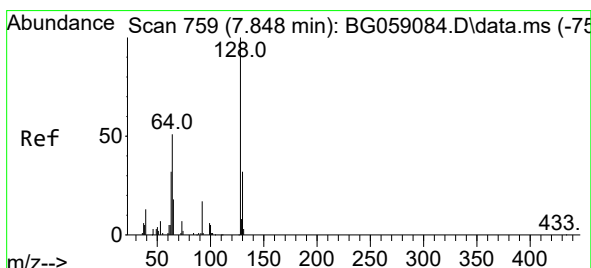
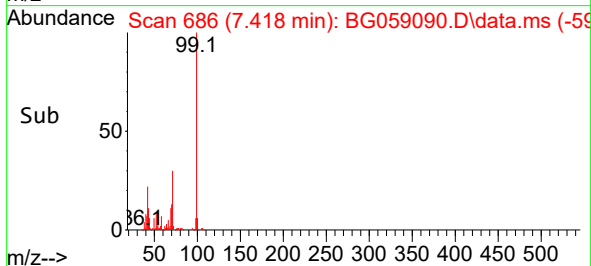
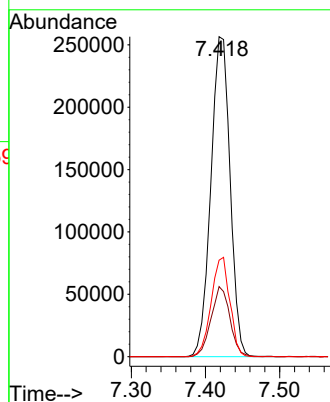
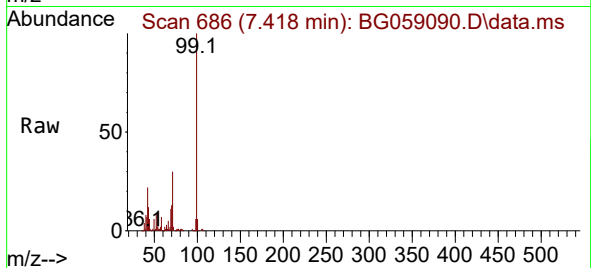




#7
Phenol-d6
Concen: 171.538 ng
RT: 7.418 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

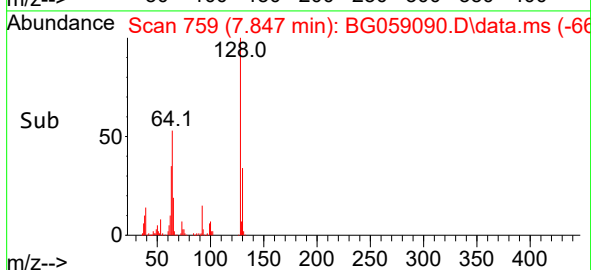
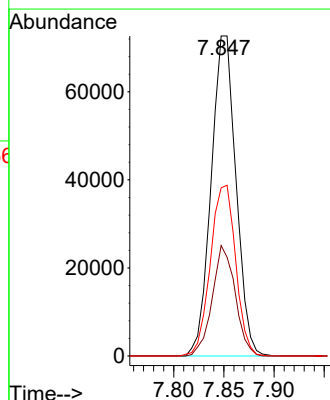
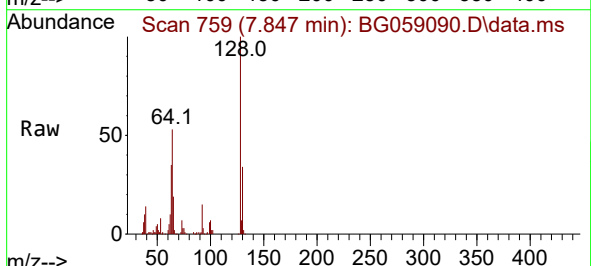
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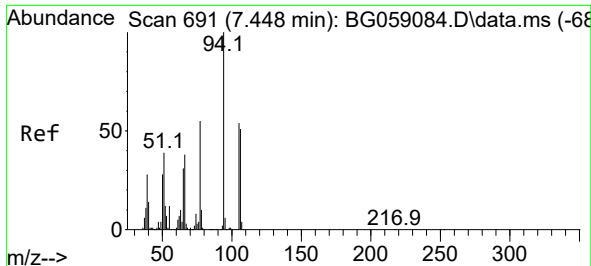
Tgt Ion: 99 Resp: 462011
Ion Ratio Lower Upper
99 100
42 21.9 16.4 24.6
71 30.1 23.4 35.0



#8
2-Chlorophenol
Concen: 60.976 ng
RT: 7.847 min Scan# 759
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:128 Resp: 125236
Ion Ratio Lower Upper
128 100
130 34.5 12.4 52.4
64 52.6 35.4 75.4

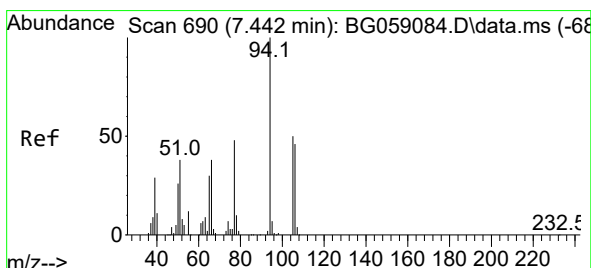
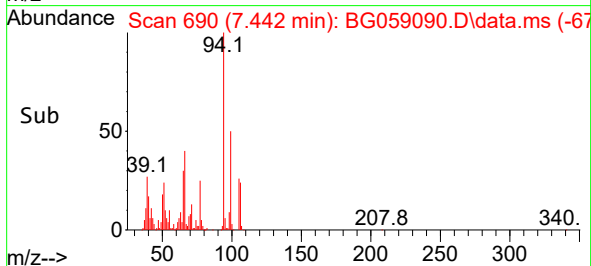
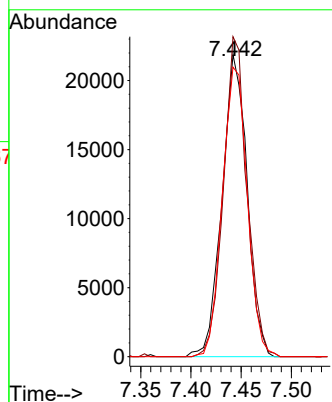
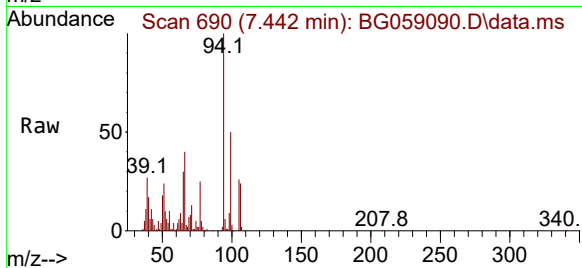




#9
Benzaldehyde
Concen: 25.905 ng
RT: 7.442 min Scan# 690
Delta R.T. -0.006 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

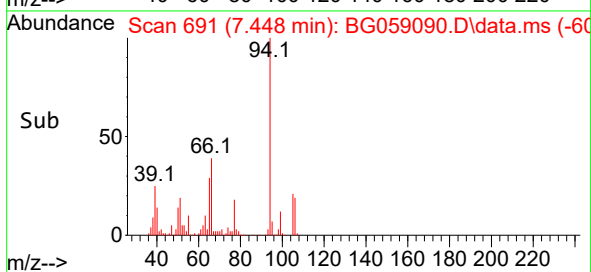
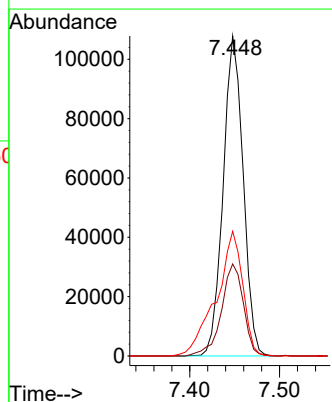
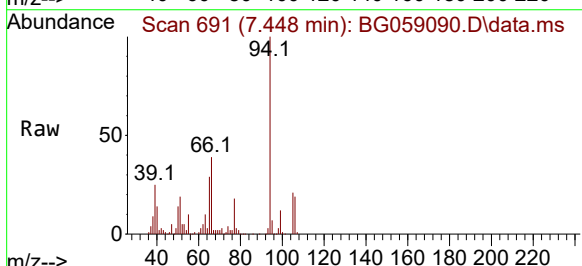
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ClientSampleId :
PB154929BS

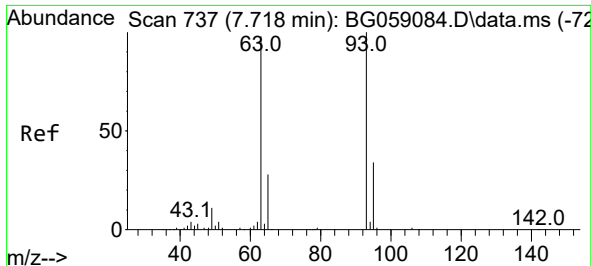
Tgt Ion: 77 Resp: 37816
Ion Ratio Lower Upper
77 100
105 105.9 78.3 118.3
106 95.9 73.2 113.2



#10
Phenol
Concen: 63.290 ng
RT: 7.448 min Scan# 691
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion: 94 Resp: 166727
Ion Ratio Lower Upper
94 100
65 28.7 10.5 50.5
66 39.0 19.7 59.7

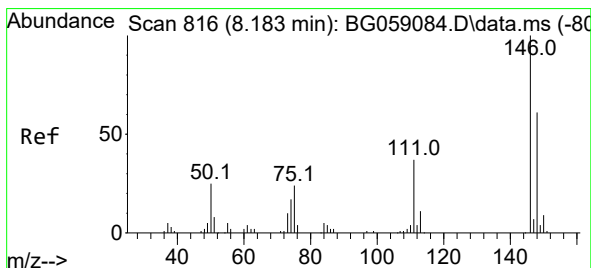
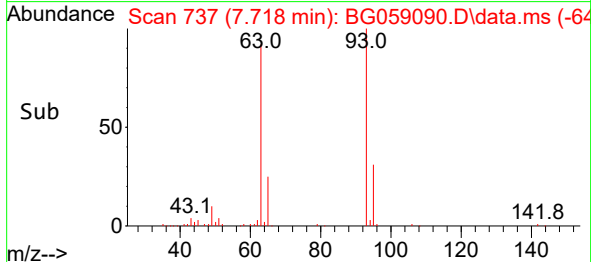
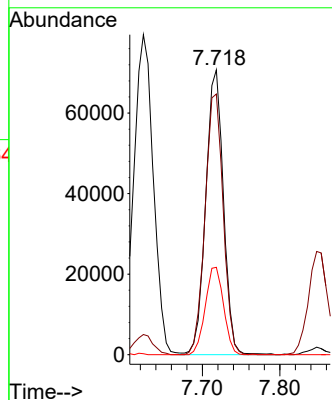
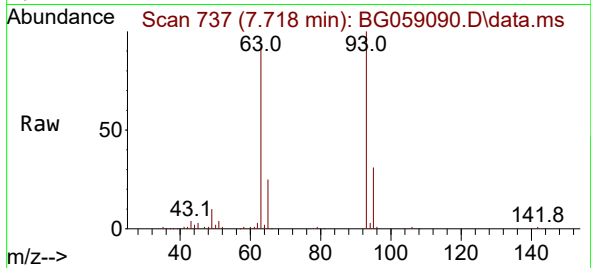




#11
bis(2-Chloroethyl)ether
Concen: 53.574 ng
RT: 7.718 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

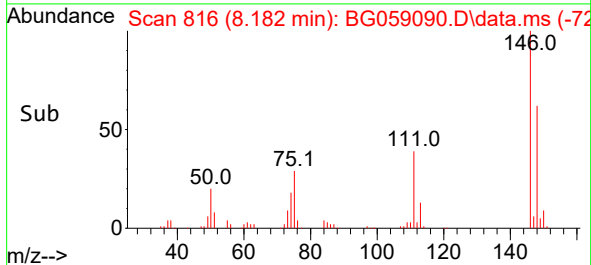
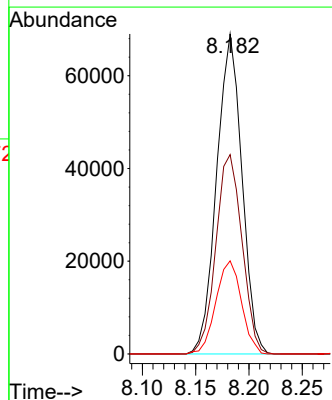
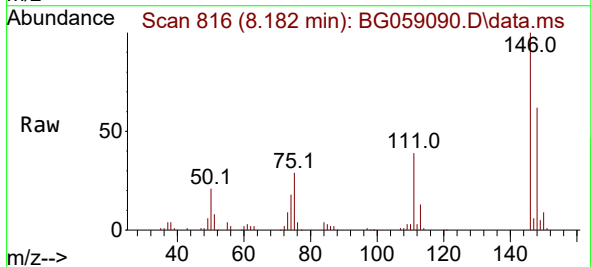
Instrument :
BNA_G
ClientSampleId :
PB154929BS

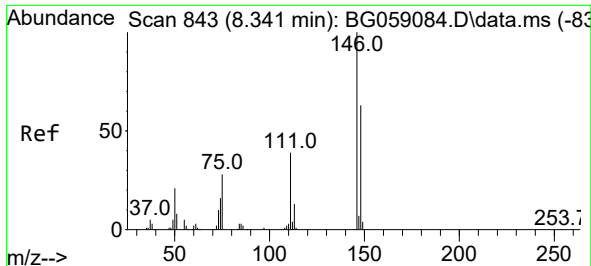
Tgt Ion: 93 Resp: 111999
Ion Ratio Lower Upper
93 100
63 91.5 76.9 116.9
95 30.7 14.2 54.2



#12
1,3-Dichlorobenzene
Concen: 54.336 ng
RT: 8.182 min Scan# 816
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:146 Resp: 113646
Ion Ratio Lower Upper
146 100
148 62.3 49.1 73.7
75 29.1 19.6 29.4

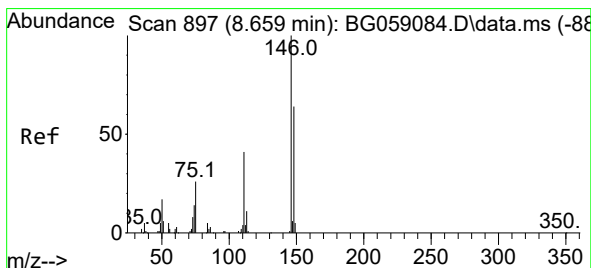
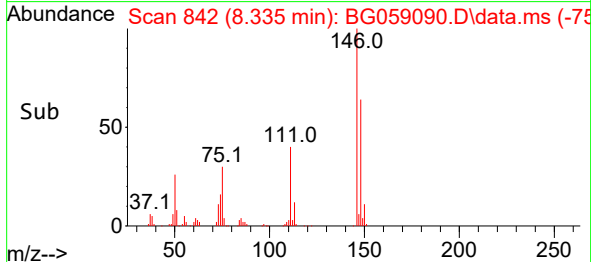
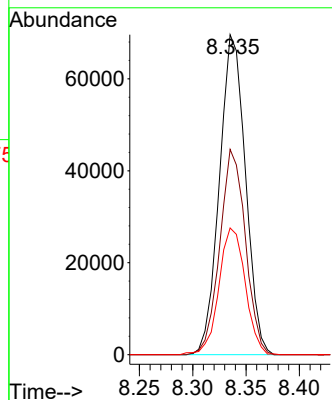
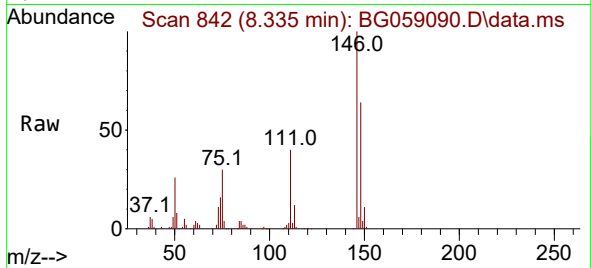




#13
1,4-Dichlorobenzene
Concen: 56.421 ng
RT: 8.335 min Scan# 843
Delta R.T. -0.006 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

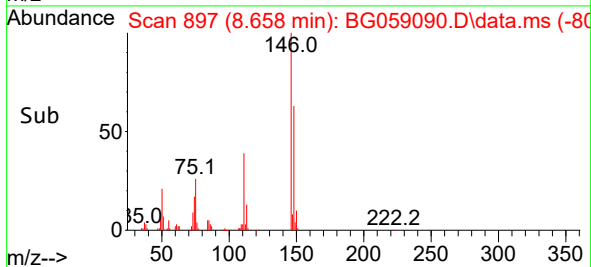
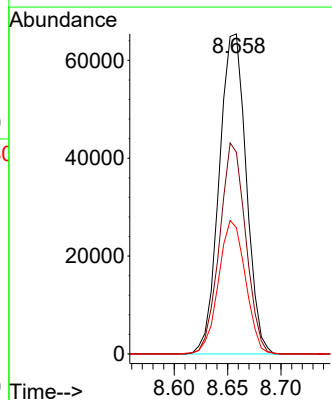
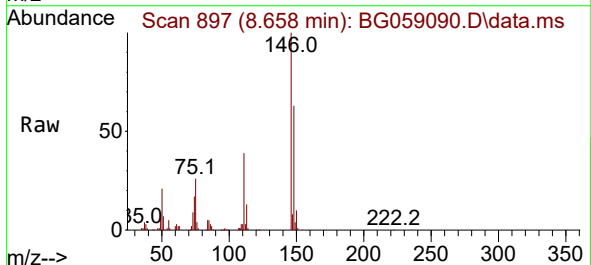
Instrument :
BNA_G
ClientSampleId :
PB154929BS

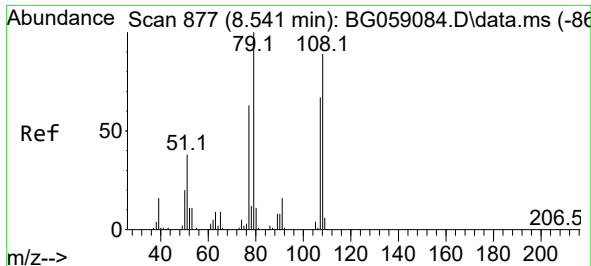
Tgt Ion:146 Resp: 118158
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 39.6 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 56.500 ng
RT: 8.658 min Scan# 897
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:146 Resp: 115064
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.4
111 39.5 32.9 49.3

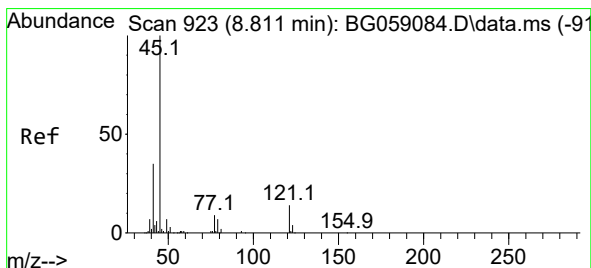
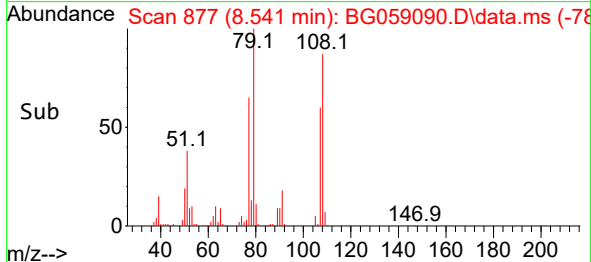
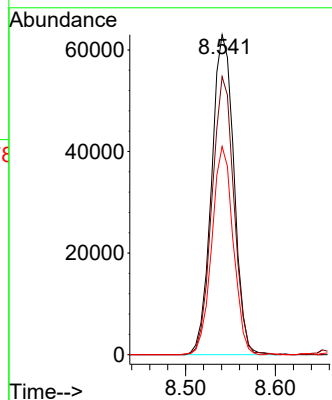
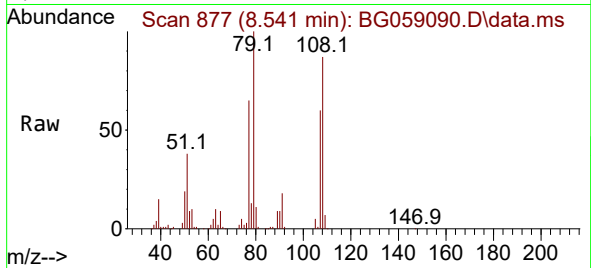




#15
Benzyl Alcohol
Concen: 56.387 ng
RT: 8.541 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

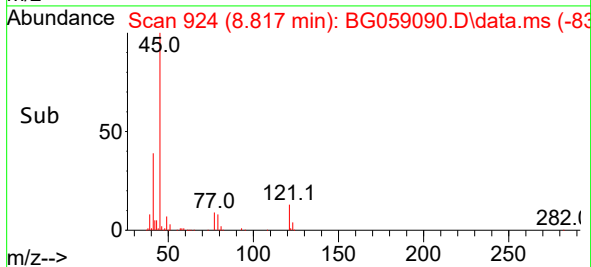
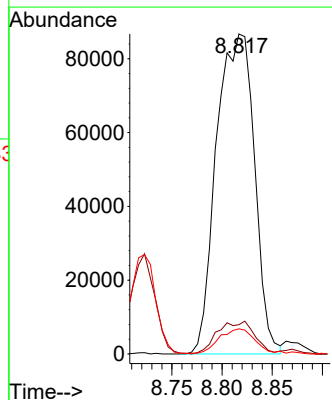
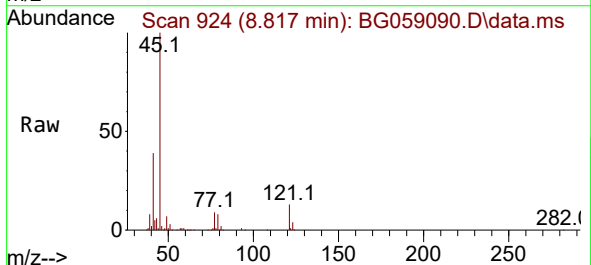
Instrument :
BNA_G
ClientSampleId :
PB154929BS

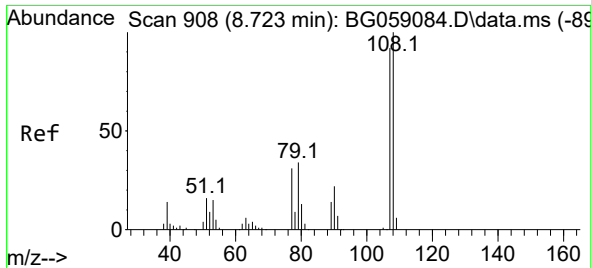
Tgt Ion: 79 Resp: 108686
Ion Ratio Lower Upper
79 100
108 86.9 71.4 107.2
77 65.1 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.209 ng
RT: 8.817 min Scan# 924
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion: 45 Resp: 228267
Ion Ratio Lower Upper
45 100
77 9.2 0.0 28.9
79 7.9 0.0 27.2

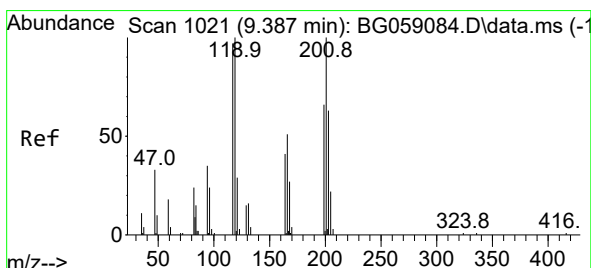
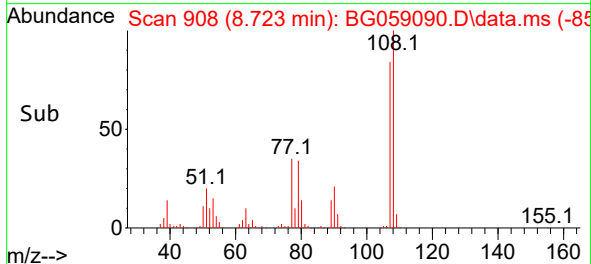
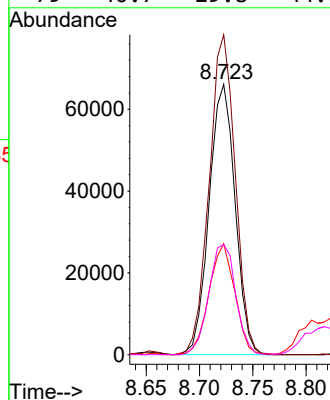
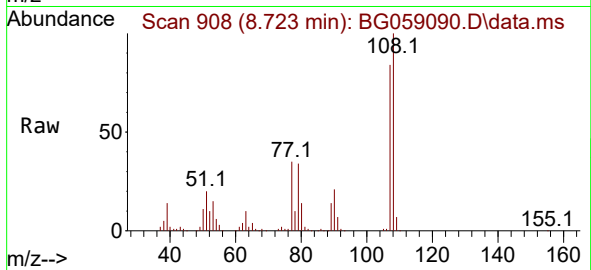




#17
2-Methylphenol
Concen: 54.759 ng
RT: 8.723 min Scan# 908
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

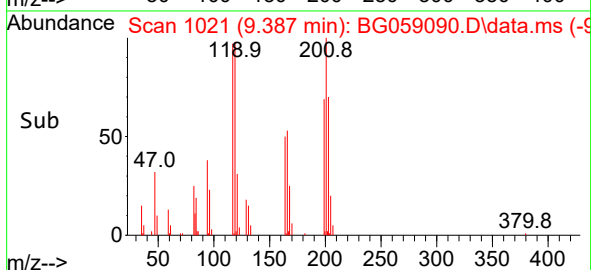
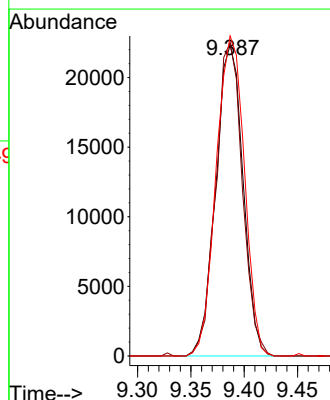
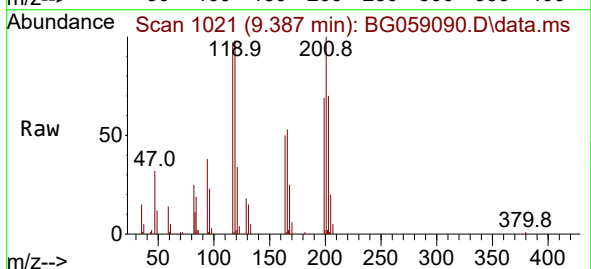
Instrument :
BNA_G
ClientSampleId :
PB154929BS

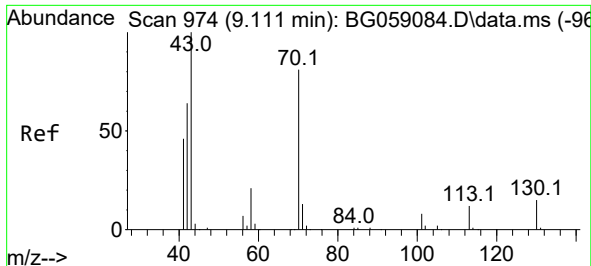
Tgt Ion:	107	Resp:	111948
Ion	Ratio	Lower	Upper
107	100		
108	118.4	87.0	130.4
77	41.1	27.5	41.3
79	40.7	29.8	44.6



#18
Hexachloroethane
Concen: 53.995 ng
RT: 9.387 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:	117	Resp:	39717
Ion	Ratio	Lower	Upper
117	100		
119	100.8	82.8	124.2
201	102.9	82.7	124.1

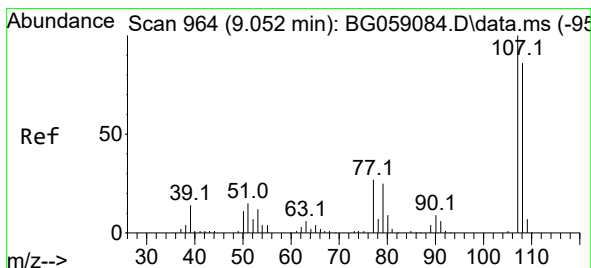
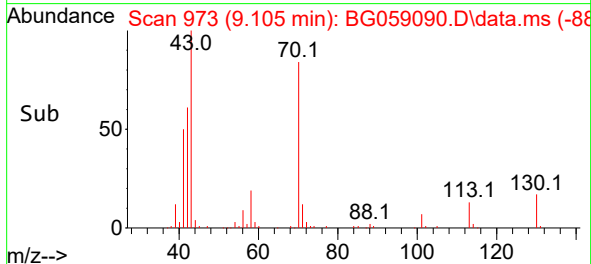
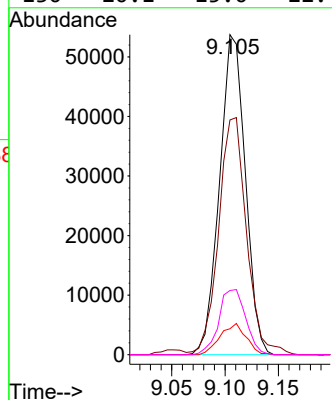
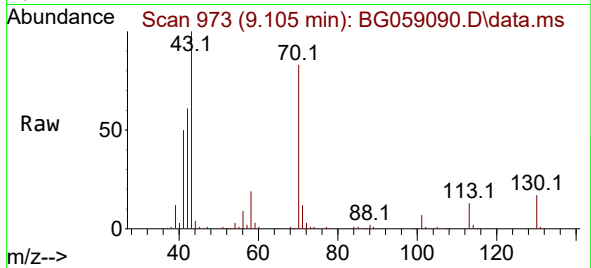




#19
n-Nitroso-di-n-propylamine
Concen: 52.348 ng
RT: 9.105 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

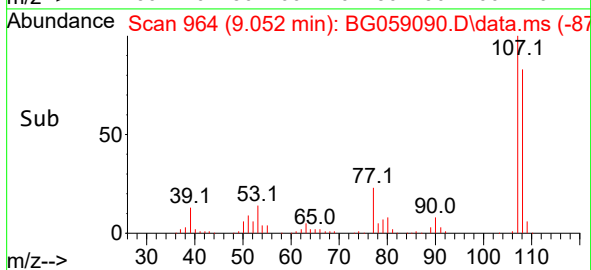
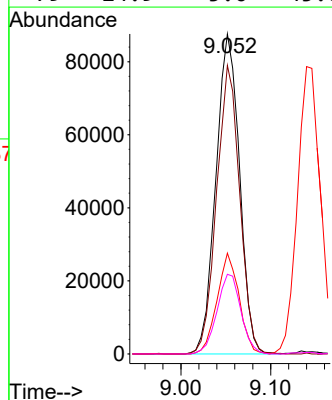
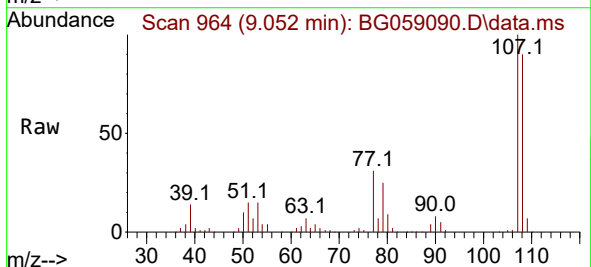
Instrument :
BNA_G
ClientSampleId :
PB154929BS

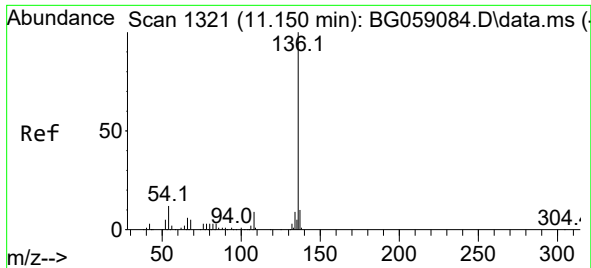
Tgt Ion: 70 Resp: 90317
Ion Ratio Lower Upper
70 100
42 73.4 64.2 96.4
101 8.1 7.6 11.4
130 20.1 15.0 22.4



#20
3+4-Methylphenols
Concen: 57.750 ng
RT: 9.052 min Scan# 964
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:107 Resp: 159779
Ion Ratio Lower Upper
107 100
108 90.2 65.6 105.6
77 31.5 7.4 47.4
79 24.9 5.0 45.0

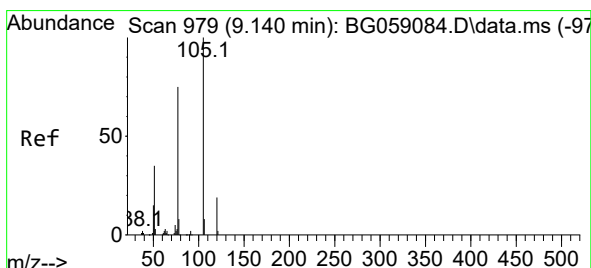
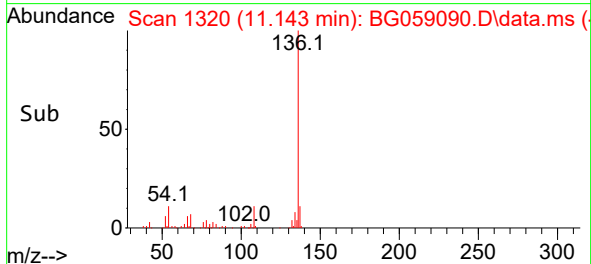
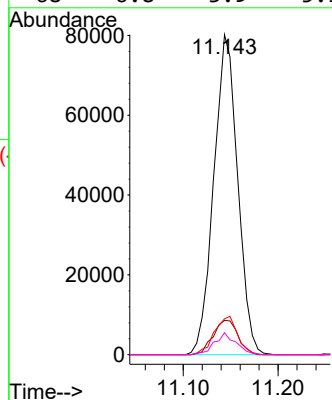
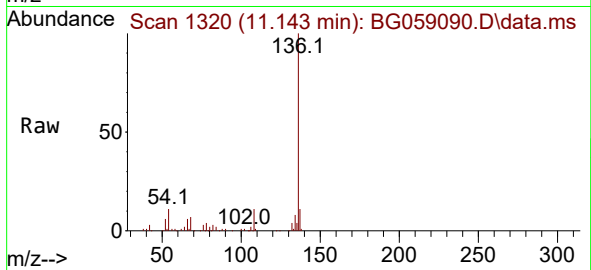




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.143 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

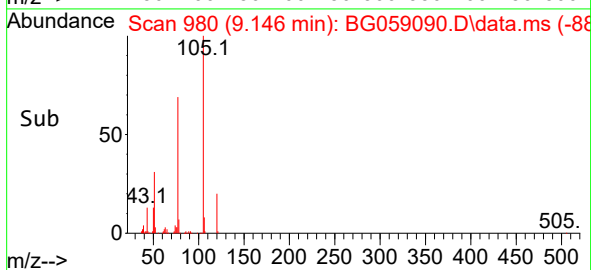
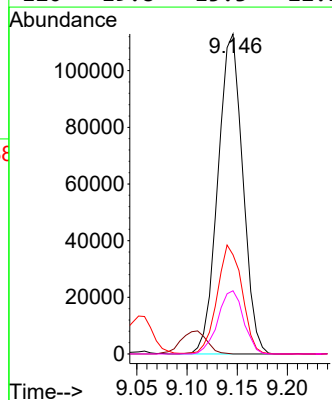
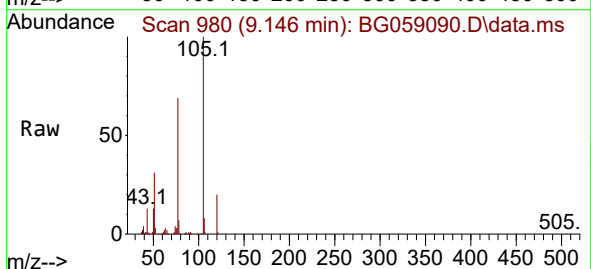
Instrument :
BNA_G
ClientSampleId :
PB154929BS

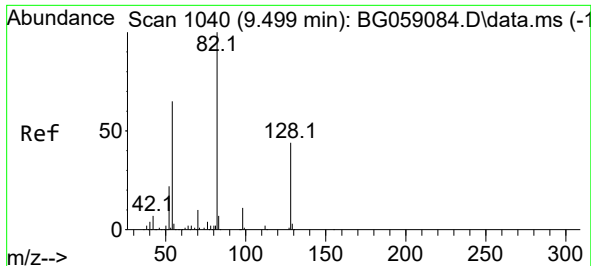
Tgt Ion:136 Resp: 140461
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 11.2 9.4 14.2
68 6.8 3.9 5.9#



#22
Acetophenone
Concen: 53.651 ng
RT: 9.146 min Scan# 980
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:105 Resp: 194072
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 31.0 27.9 41.9
120 19.8 15.3 22.9

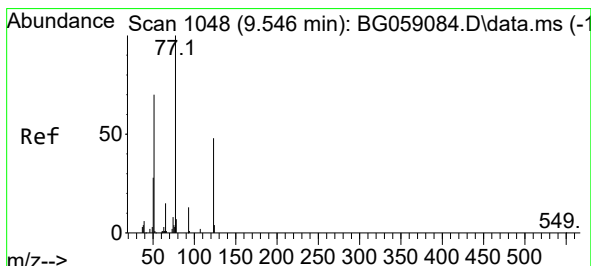
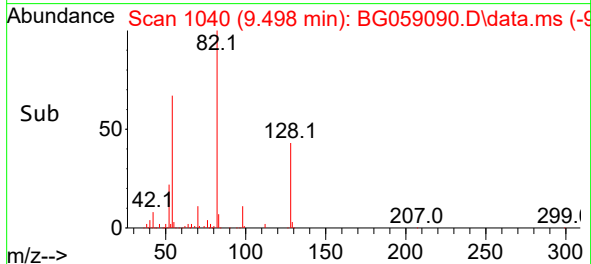
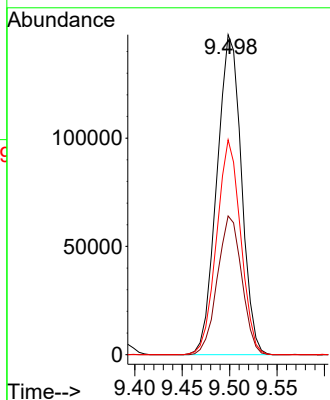
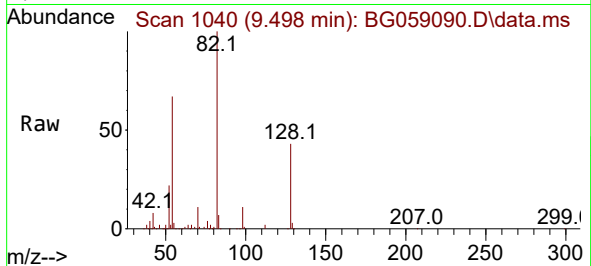




#23
Nitrobenzene-d5
Concen: 101.335 ng
RT: 9.498 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

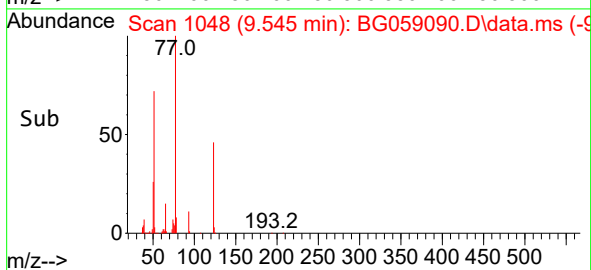
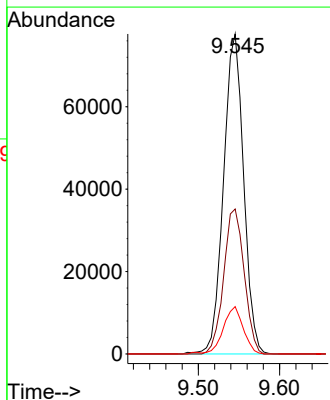
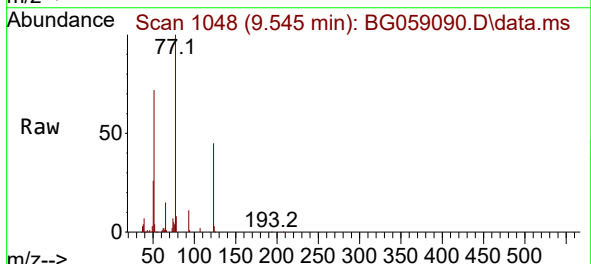
Instrument :
BNA_G
ClientSampleId :
PB154929BS

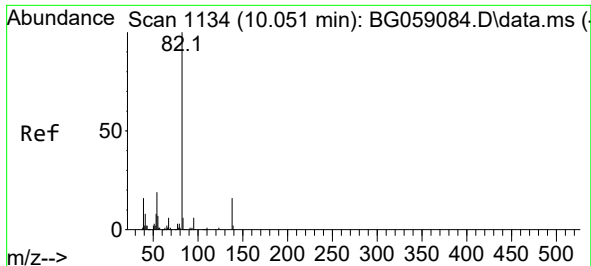
Tgt Ion: 82 Resp: 266138
Ion Ratio Lower Upper
82 100
128 43.3 35.0 52.6
54 67.1 51.8 77.6



#24
Nitrobenzene
Concen: 52.830 ng
RT: 9.545 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion: 77 Resp: 133381
Ion Ratio Lower Upper
77 100
123 45.3 38.5 57.7
65 14.8 12.0 18.0

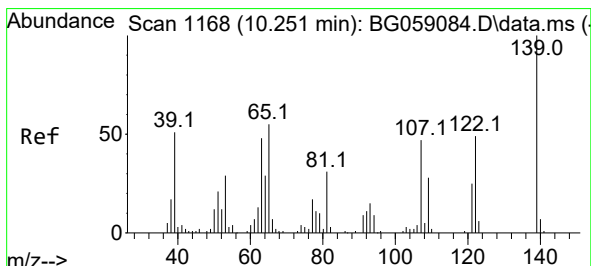
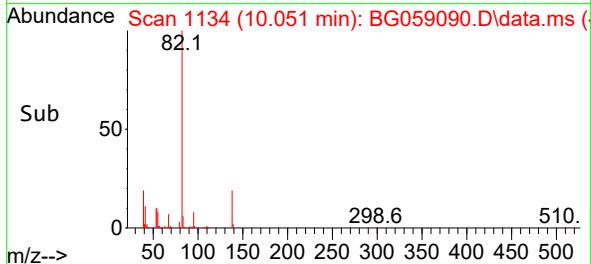
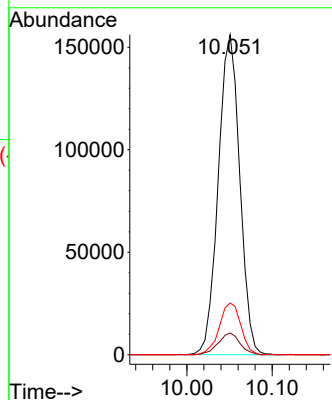
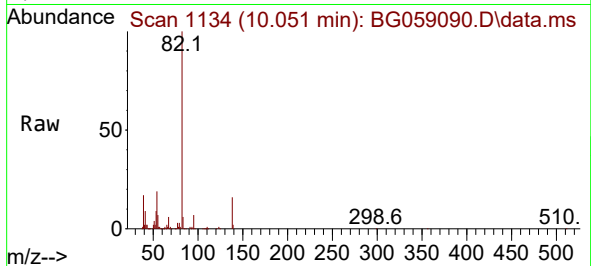




#25
Isophorone
Concen: 51.334 ng
RT: 10.051 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

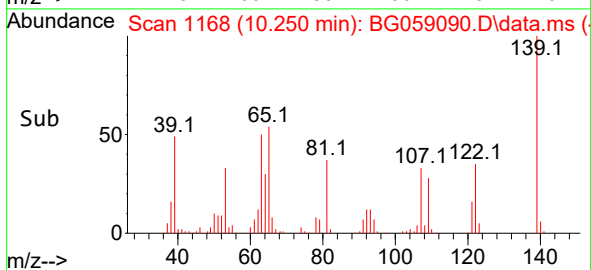
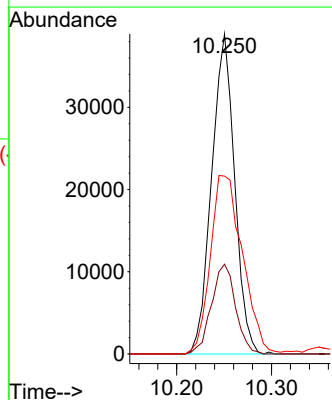
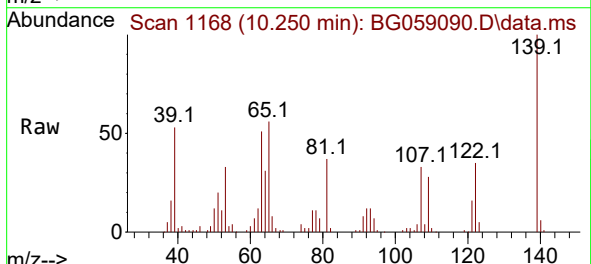
Instrument :
BNA_G
ClientSampleId :
PB154929BS

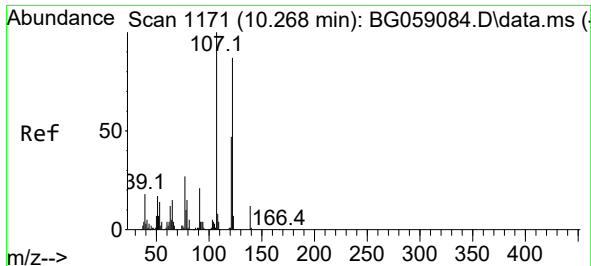
Tgt Ion: 82 Resp: 273352
Ion Ratio Lower Upper
82 100
95 6.8 5.1 7.7
138 16.2 13.0 19.4



#26
2-Nitrophenol
Concen: 56.367 ng
RT: 10.250 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:139 Resp: 65623
Ion Ratio Lower Upper
139 100
109 28.1 22.2 33.4
65 55.6 43.8 65.6





#27

2,4-Dimethylphenol

Concen: 54.492 ng

RT: 10.274 min Scan# 1171

Delta R.T. 0.005 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

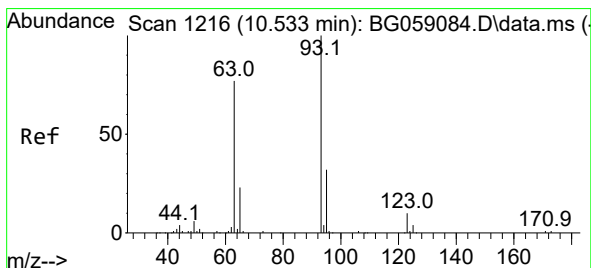
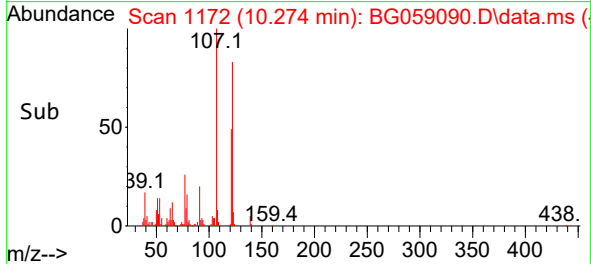
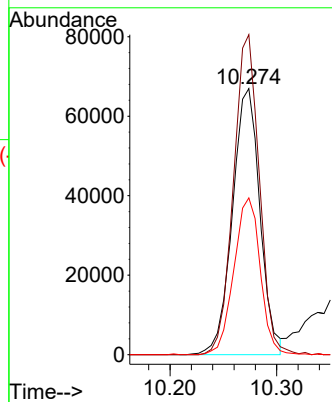
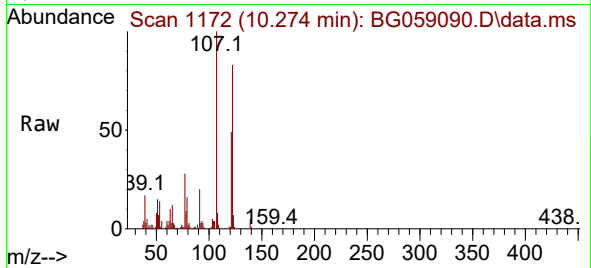
Tgt Ion:122 Resp: 120392

Ion Ratio Lower Upper

122 100

107 120.2 92.4 138.6

121 58.9 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 53.080 ng

RT: 10.532 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

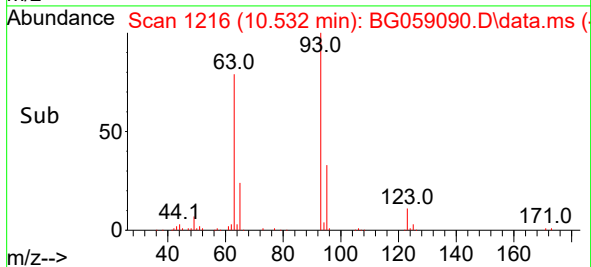
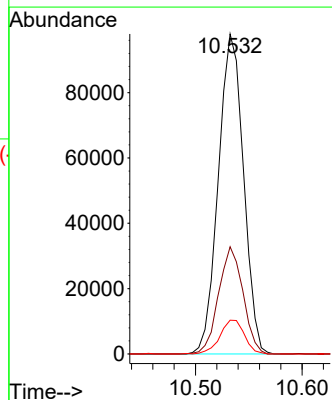
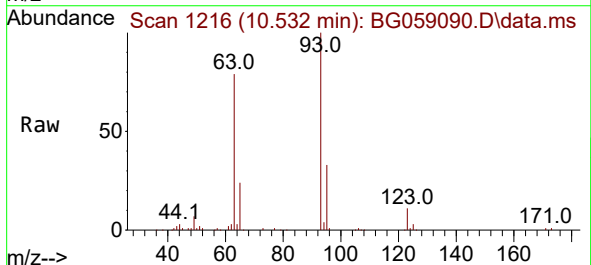
Tgt Ion: 93 Resp: 160381

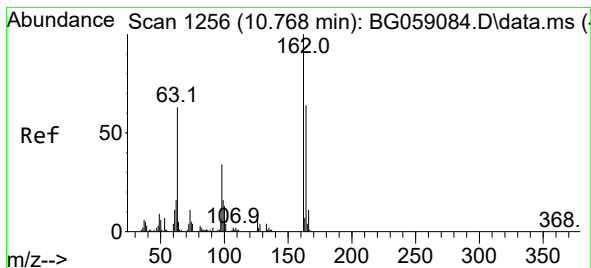
Ion Ratio Lower Upper

93 100

95 33.5 25.9 38.9

123 10.6 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 60.755 ng

RT: 10.773 min Scan# 1257

Delta R.T. 0.005 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

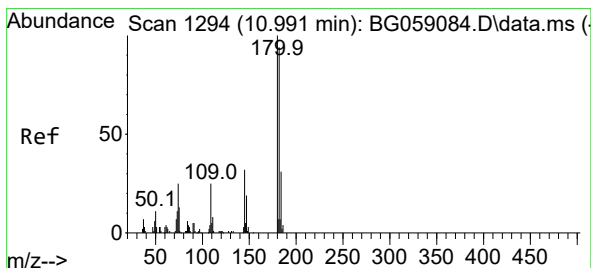
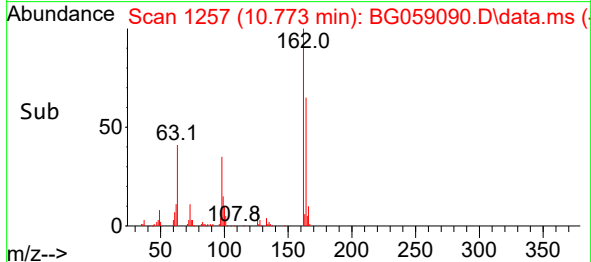
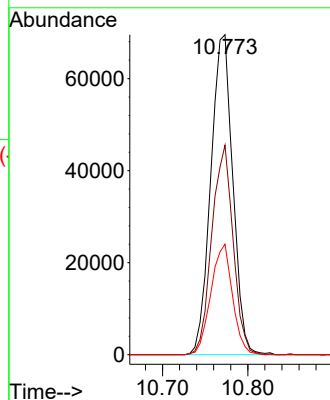
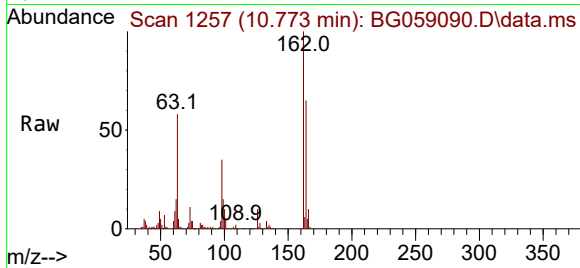
Tgt Ion:162 Resp: 124744

Ion Ratio Lower Upper

162 100

164 65.4 44.5 84.5

98 34.6 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 56.267 ng

RT: 10.991 min Scan# 1294

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

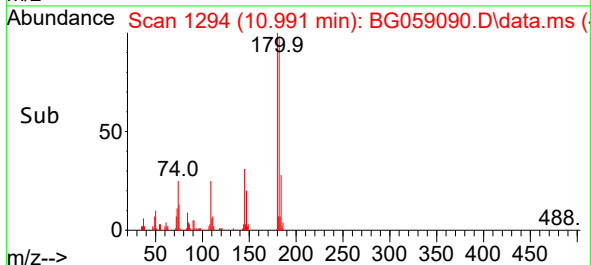
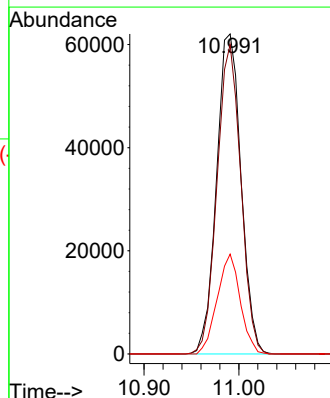
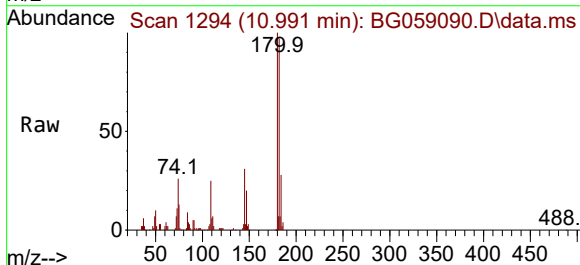
Tgt Ion:180 Resp: 111673

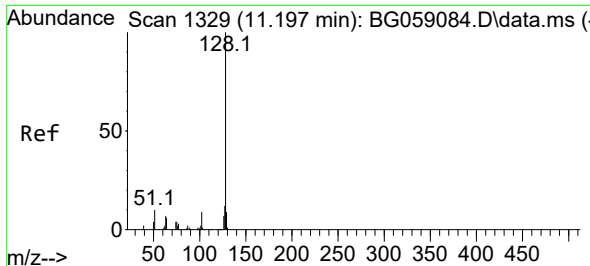
Ion Ratio Lower Upper

180 100

182 96.7 74.9 112.3

145 31.2 25.4 38.0

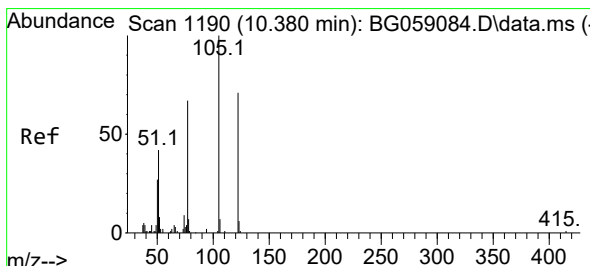
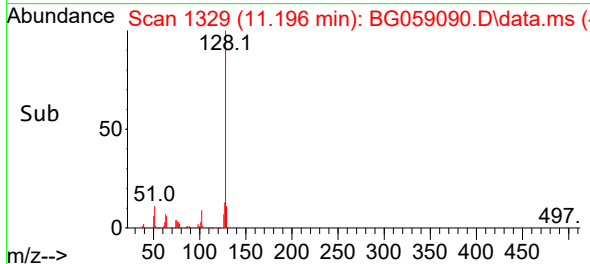
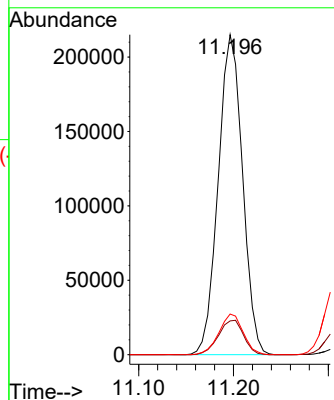
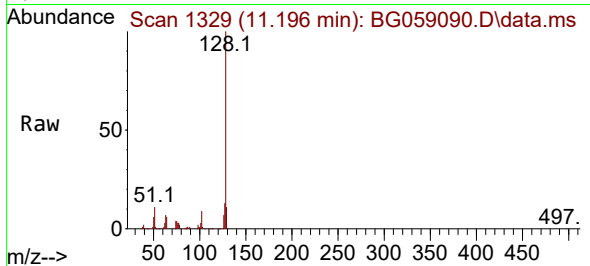




#31
Naphthalene
Concen: 53.407 ng
RT: 11.196 min Scan# 11196
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

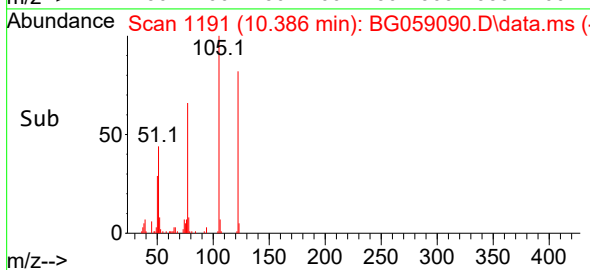
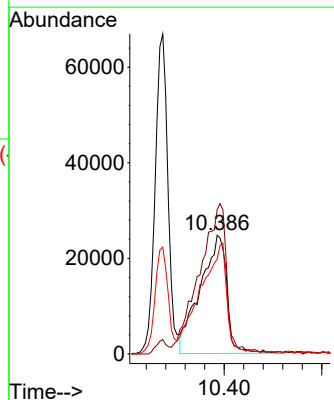
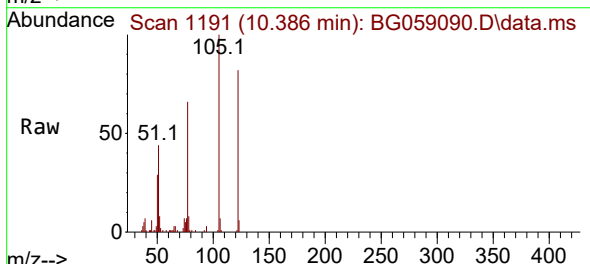
Instrument :
BNA_G
ClientSampleId :
PB154929BS

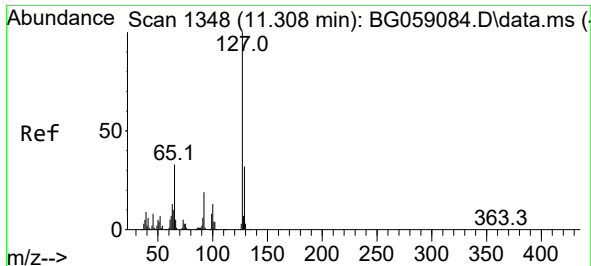
Tgt Ion:128 Resp: 383506
Ion Ratio Lower Upper
128 100
129 10.5 7.6 11.4
127 12.7 9.8 14.8



#32
Benzoic acid
Concen: 54.902 ng
RT: 10.386 min Scan# 1191
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:122 Resp: 93295
Ion Ratio Lower Upper
122 100
105 121.6 114.5 154.5
77 79.8 72.2 112.2

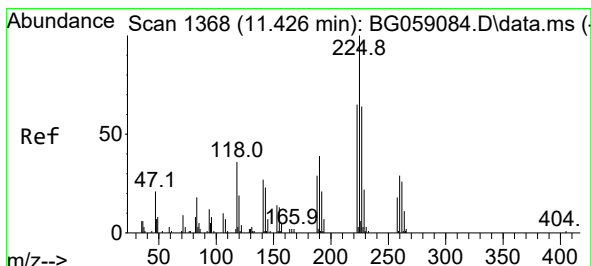
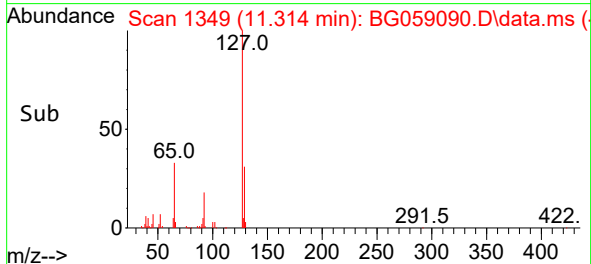
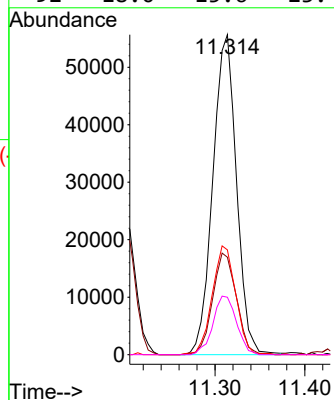
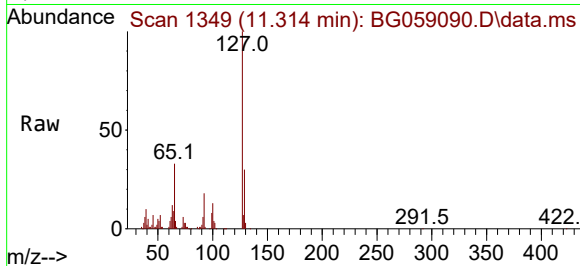




#33
4-Chloroaniline
Concen: 31.612 ng
RT: 11.314 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

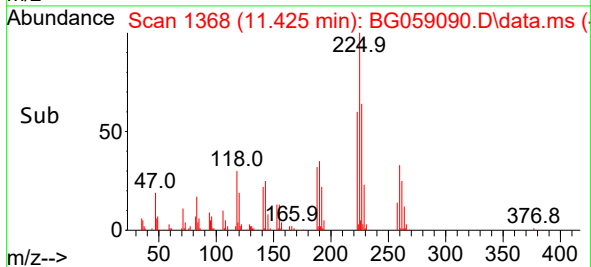
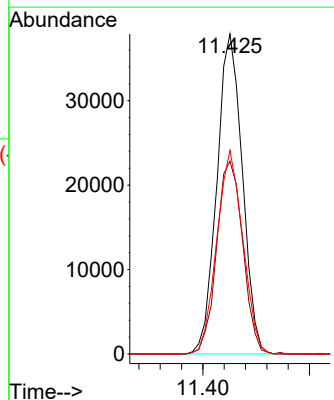
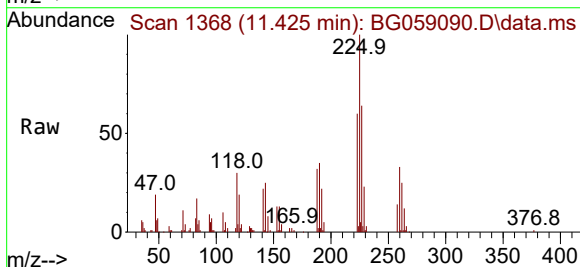
Instrument :
BNA_G
ClientSampleId :
PB154929BS

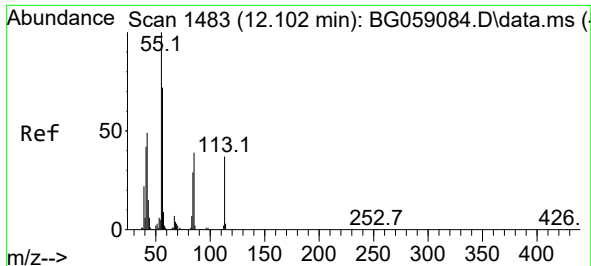
Tgt Ion:	127	Resp:	101789
Ion Ratio	Lower	Upper	
127	100		
129	30.5	25.6	38.4
65	32.8	26.7	40.1
92	18.0	15.6	23.4



#34
Hexachlorobutadiene
Concen: 52.280 ng
RT: 11.425 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:	225	Resp:	62800
Ion Ratio	Lower	Upper	
225	100		
223	60.2	54.6	81.8
227	63.6	51.0	76.4

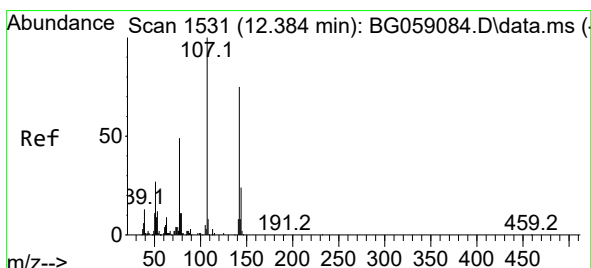
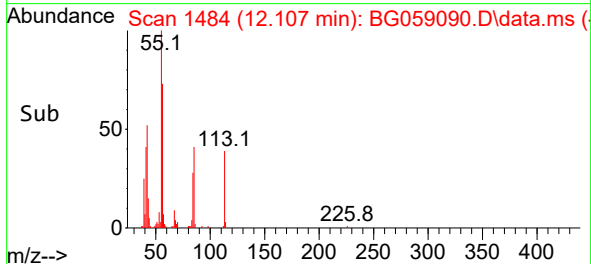
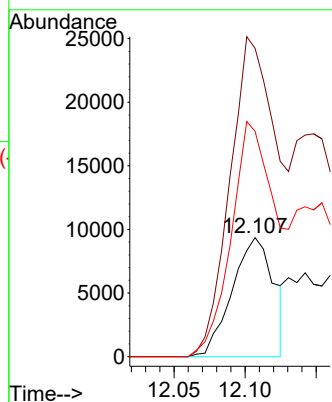
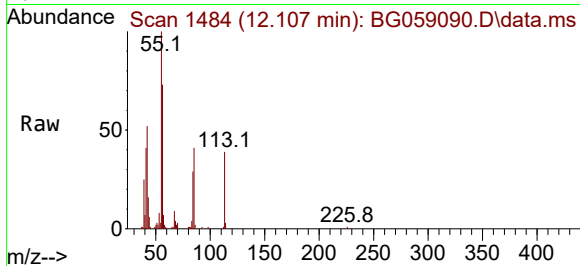




#35
Caprolactam
Concen: 23.645 ng
RT: 12.107 min Scan# 1483
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

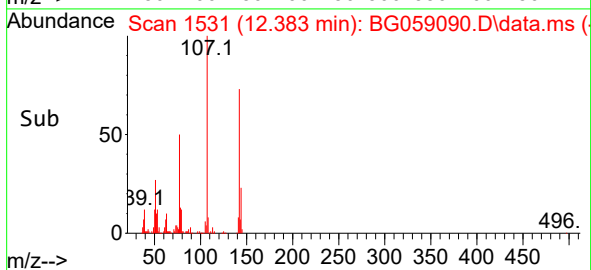
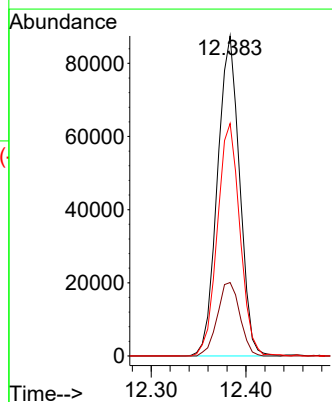
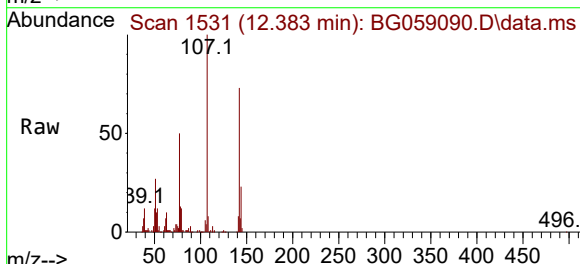
Instrument :
BNA_G
ClientSampleId :
PB154929BS

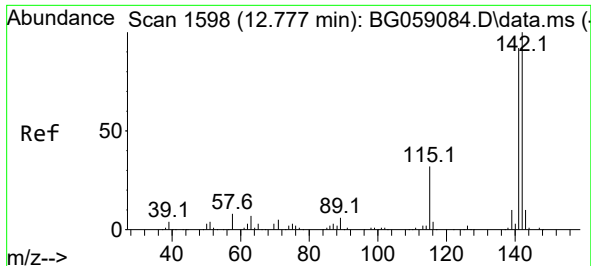
Tgt Ion:113 Resp: 19084
Ion Ratio Lower Upper
113 100
55 259.1 247.7 287.7
56 189.4 171.9 211.9



#36
4-Chloro-3-methylphenol
Concen: 59.330 ng
RT: 12.383 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:107 Resp: 141851
Ion Ratio Lower Upper
107 100
144 23.0 19.4 29.0
142 72.7 60.3 90.5





#37

2-Methylnaphthalene

Concen: 51.944 ng

RT: 12.777 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

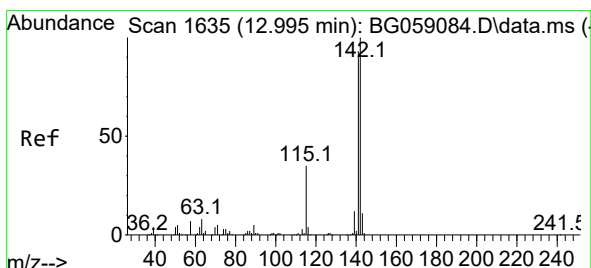
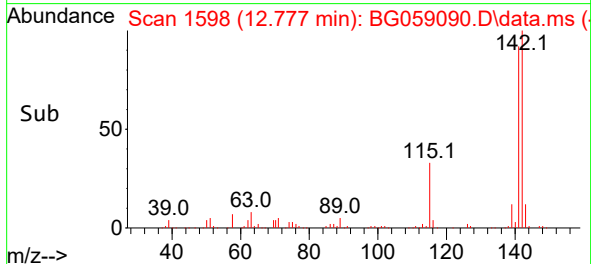
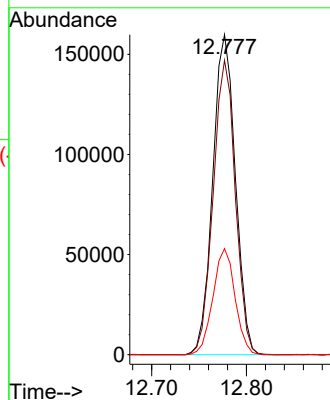
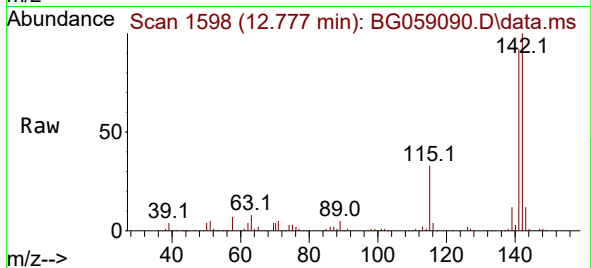
Tgt Ion:142 Resp: 264796

Ion Ratio Lower Upper

142 100

141 92.0 73.5 110.3

115 33.2 25.4 38.2



#38

1-Methylnaphthalene

Concen: 53.070 ng

RT: 12.994 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

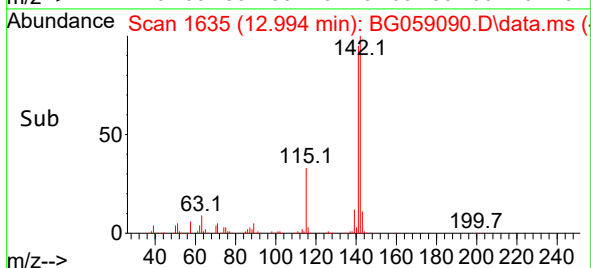
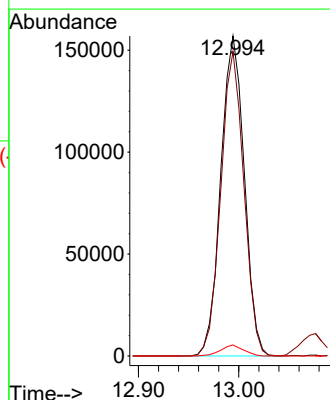
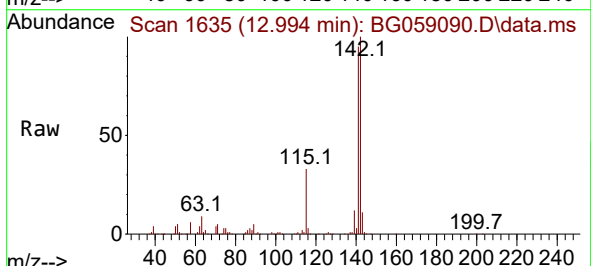
Tgt Ion:142 Resp: 254834

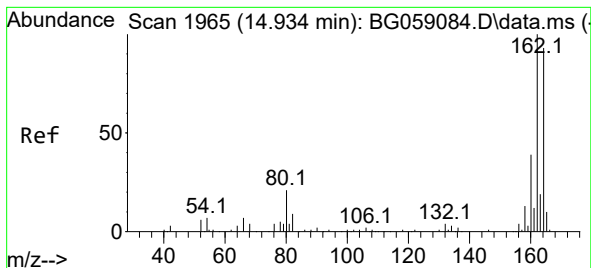
Ion Ratio Lower Upper

142 100

141 95.1 74.8 112.2

116 3.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.927 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

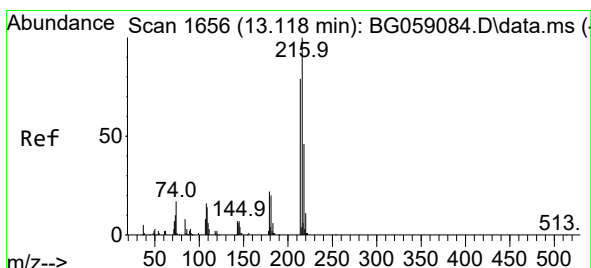
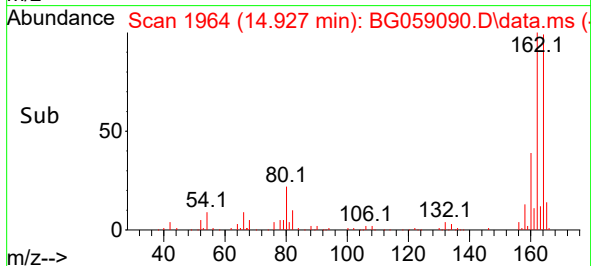
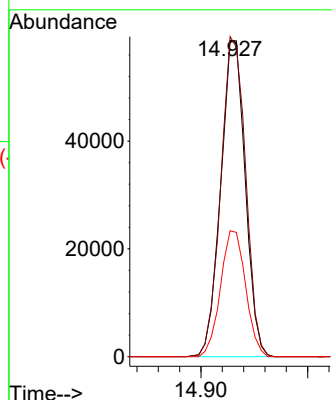
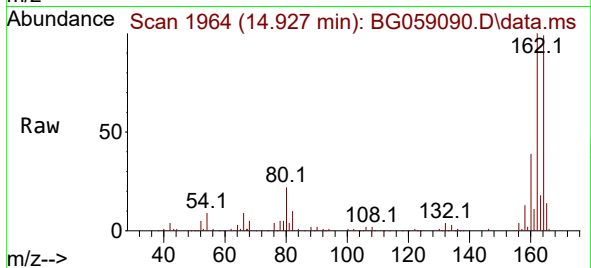
Tgt Ion:164 Resp: 93422

Ion Ratio Lower Upper

164 100

162 101.2 86.2 129.4

160 39.8 33.3 49.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.216 ng

RT: 13.118 min Scan# 1656

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Tgt Ion:216 Resp: 124745

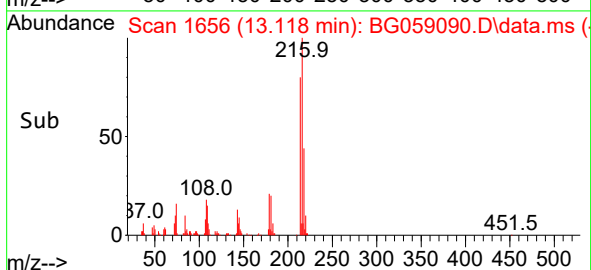
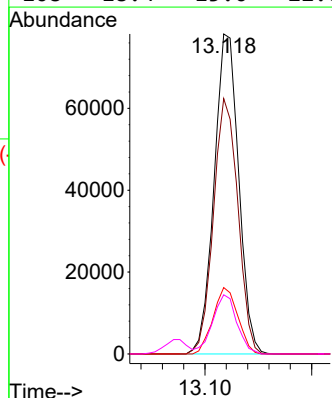
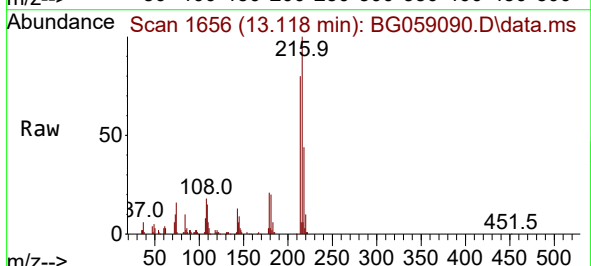
Ion Ratio Lower Upper

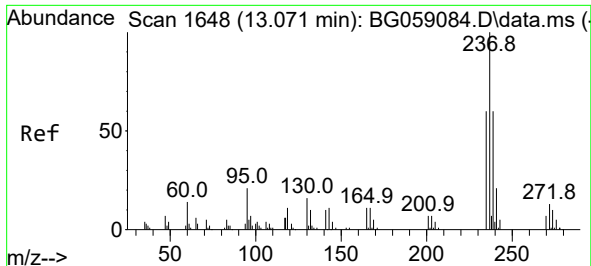
216 100

214 79.4 64.0 96.0

179 20.9 17.4 26.0

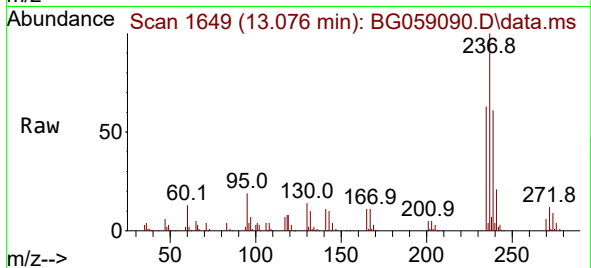
108 18.4 15.0 22.6



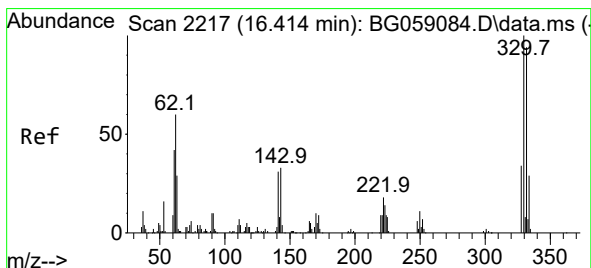
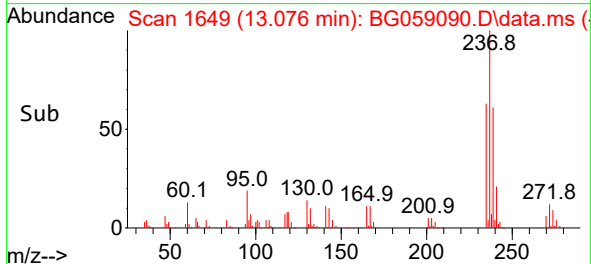
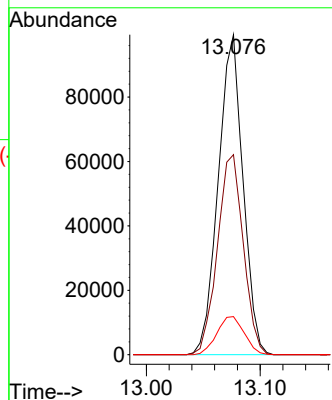


#41
Hexachlorocyclopentadiene
Concen: 117.191 ng
RT: 13.076 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Instrument :
BNA_G
ClientSampleId :
PB154929BS

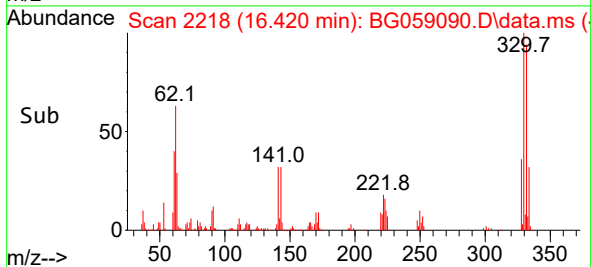
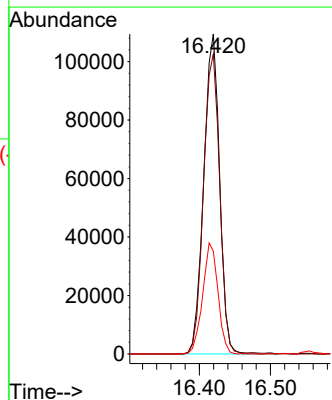
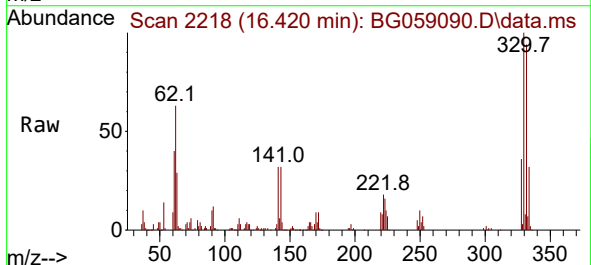


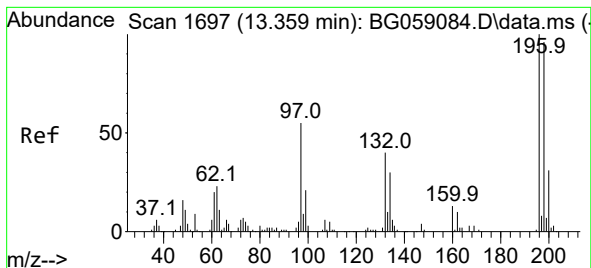
Tgt Ion:237 Resp: 149968
Ion Ratio Lower Upper
237 100
235 62.5 40.2 80.2
272 11.9 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 158.116 ng
RT: 16.420 min Scan# 2218
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:330 Resp: 169930
Ion Ratio Lower Upper
330 100
332 95.3 76.7 115.1
141 33.5 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 58.365 ng

RT: 13.358 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

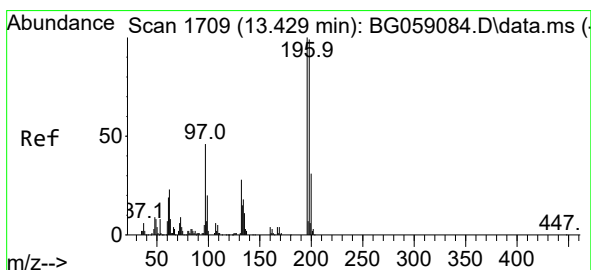
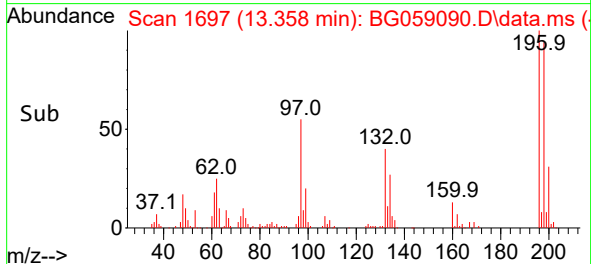
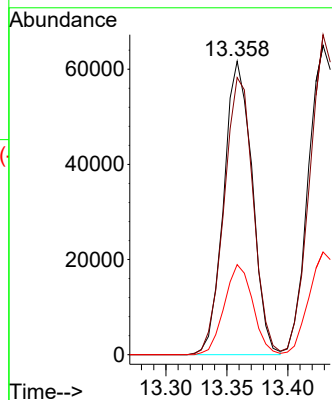
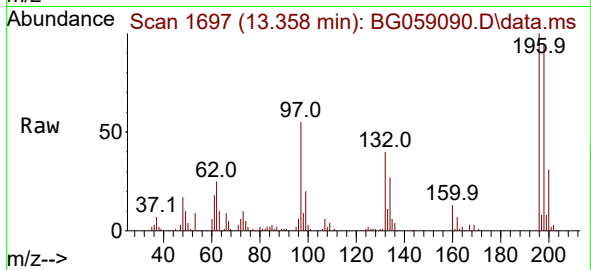
Tgt Ion:196 Resp: 100064

Ion Ratio Lower Upper

196 100

198 94.4 76.5 114.7

200 30.7 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 53.251 ng

RT: 13.429 min Scan# 1709

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Tgt Ion:196 Resp: 108364

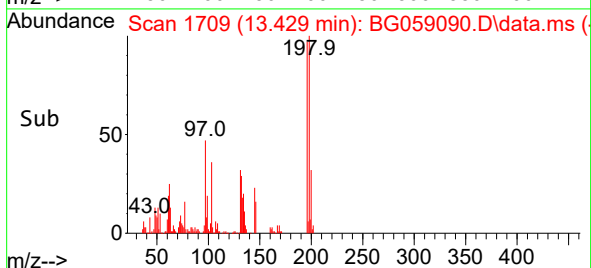
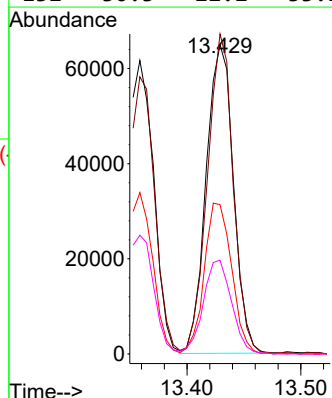
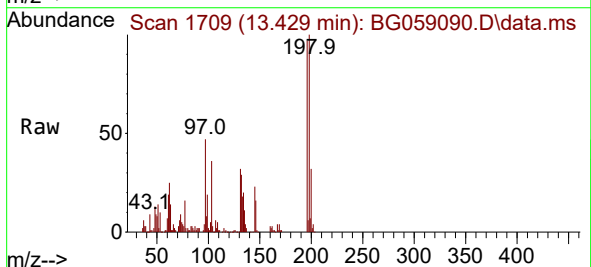
Ion Ratio Lower Upper

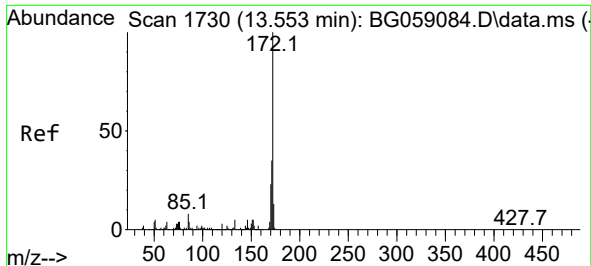
196 100

198 103.5 79.4 119.2

97 48.3 36.9 55.3

132 30.3 22.2 33.2

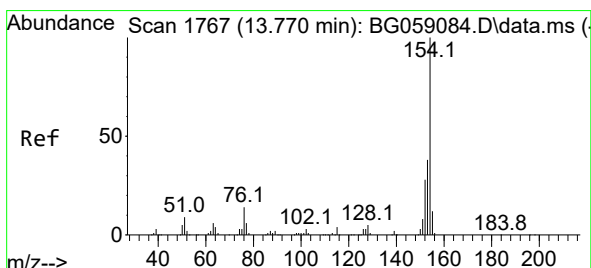
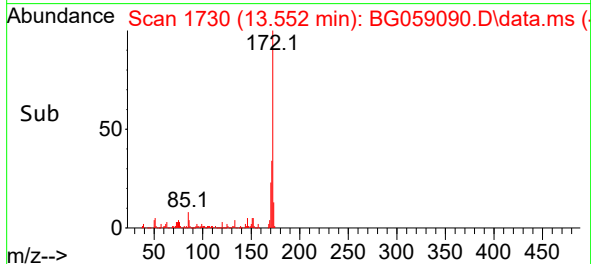
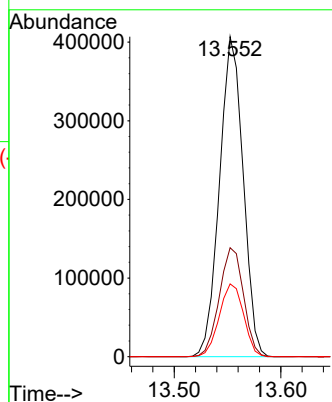
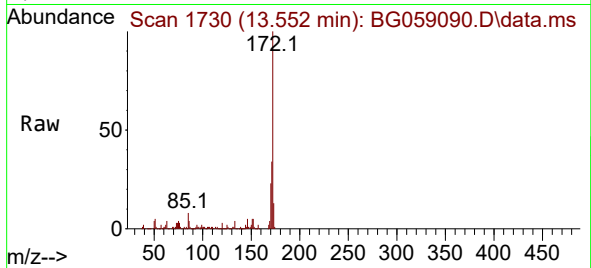




#45
2-Fluorobiphenyl
Concen: 100.136 ng
RT: 13.552 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

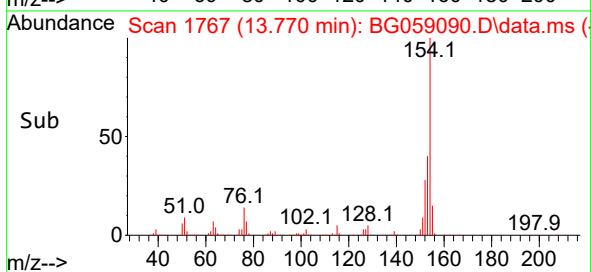
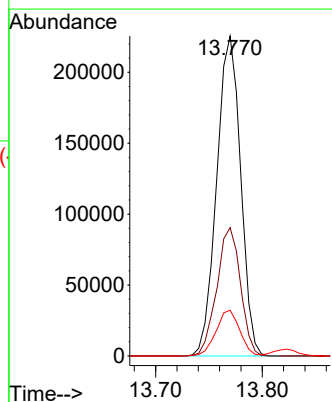
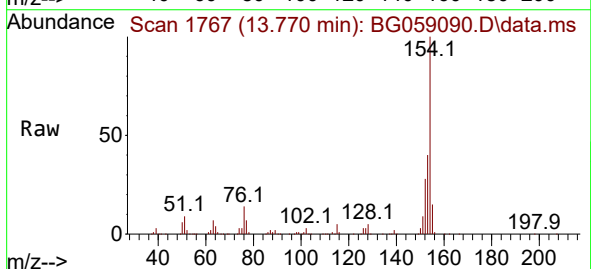
Instrument :
BNA_G
ClientSampleId :
PB154929BS

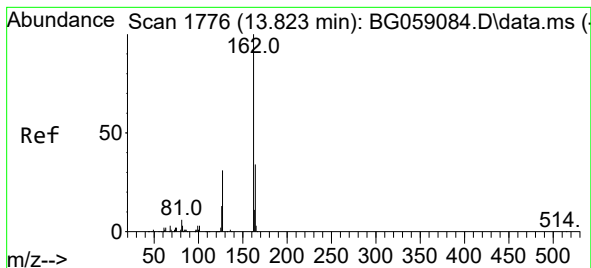
Tgt Ion:172 Resp: 626525
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 22.7 18.4 27.6



#46
1,1'-Biphenyl
Concen: 53.187 ng
RT: 13.770 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:154 Resp: 351200
Ion Ratio Lower Upper
154 100
153 40.1 18.3 58.3
76 14.3 0.0 33.7

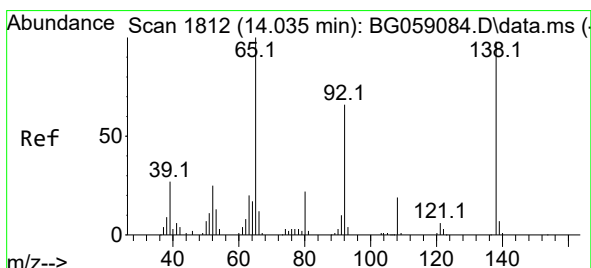
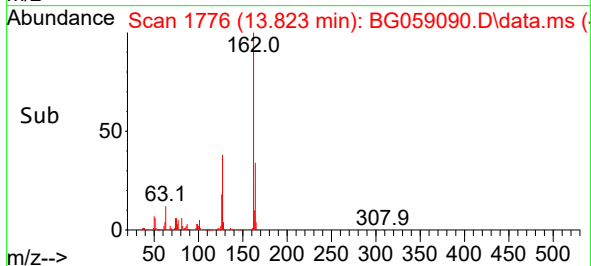
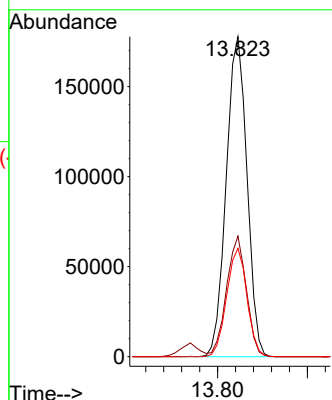
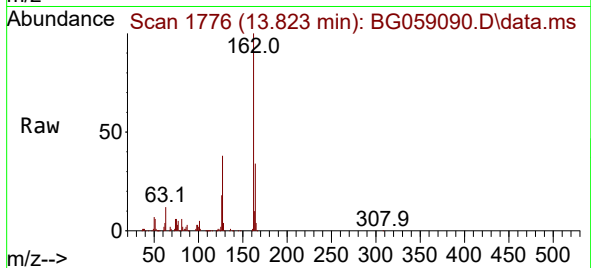




#47
2-Chloronaphthalene
Concen: 55.499 ng
RT: 13.823 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

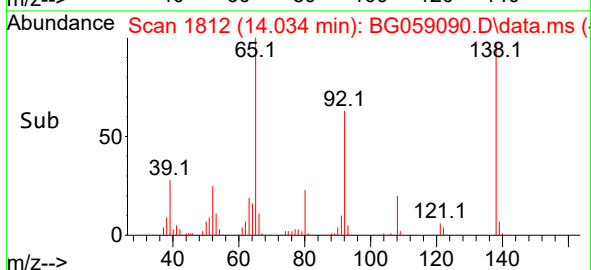
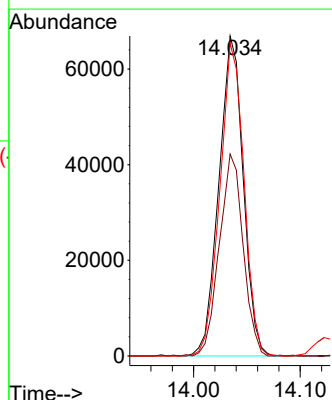
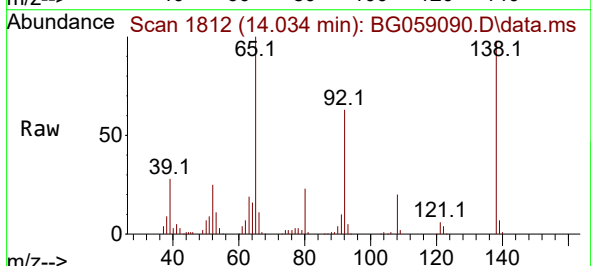
Instrument :
BNA_G
ClientSampleId :
PB154929BS

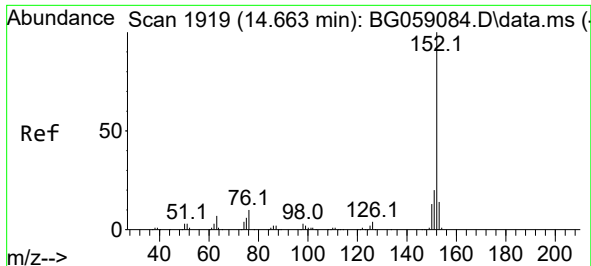
Tgt Ion:162 Resp: 284856
Ion Ratio Lower Upper
162 100
127 37.7 28.2 42.2
164 33.9 27.5 41.3



#48
2-Nitroaniline
Concen: 56.744 ng
RT: 14.034 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion: 65 Resp: 105766
Ion Ratio Lower Upper
65 100
92 63.1 53.0 79.6
138 97.7 78.6 117.8

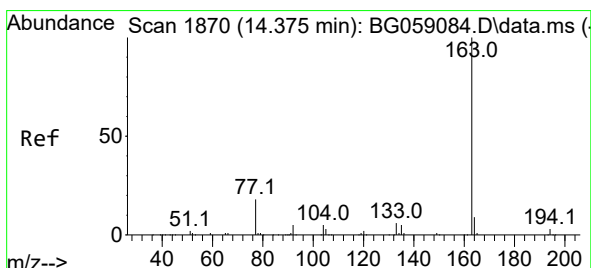
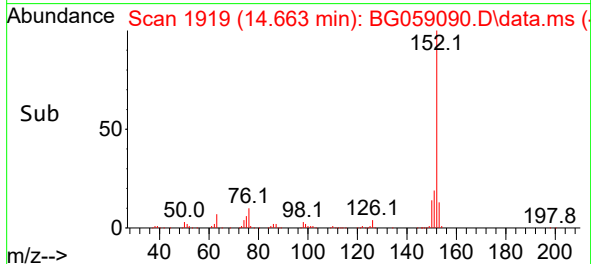
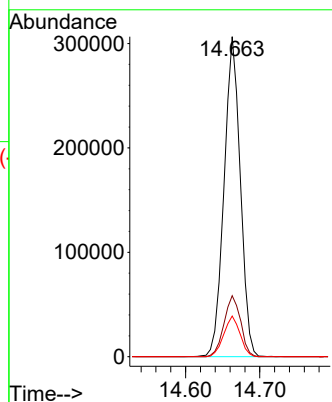
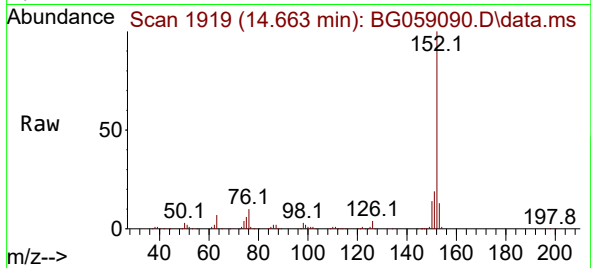




#49
Acenaphthylene
Concen: 54.968 ng
RT: 14.663 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

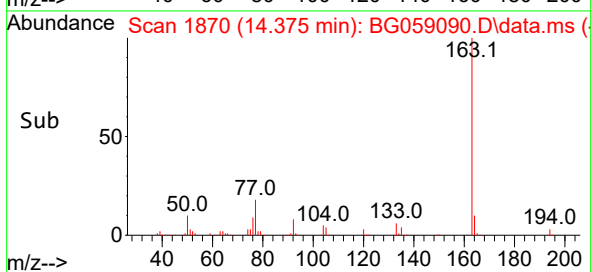
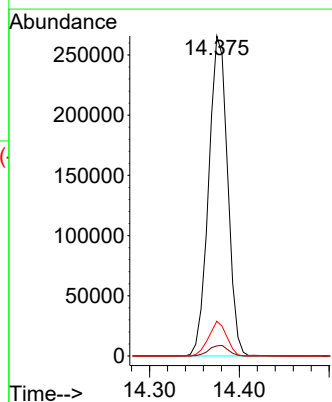
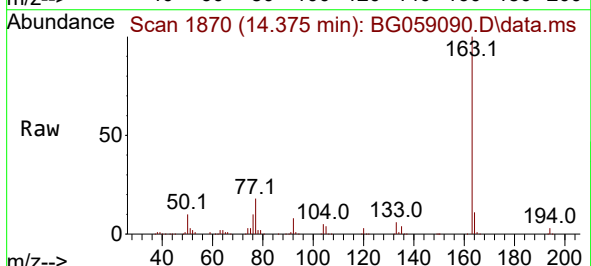
Instrument :
BNA_G
ClientSampleId :
PB154929BS

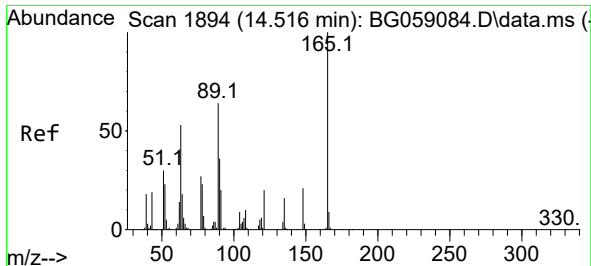
Tgt Ion:152 Resp: 466624
Ion Ratio Lower Upper
152 100
151 19.1 15.7 23.5
153 12.7 11.2 16.8



#50
Dimethylphthalate
Concen: 54.014 ng
RT: 14.375 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:163 Resp: 389061
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.9 7.3 10.9

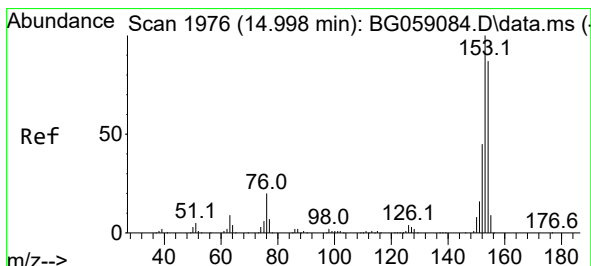
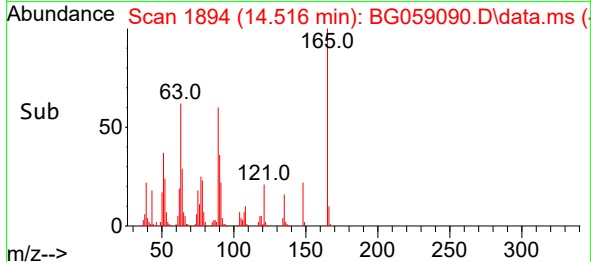
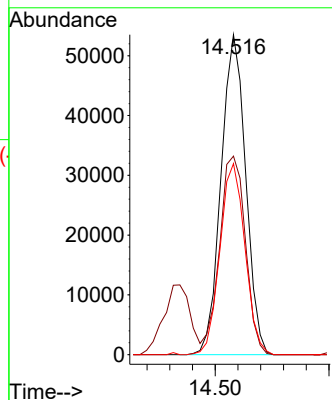
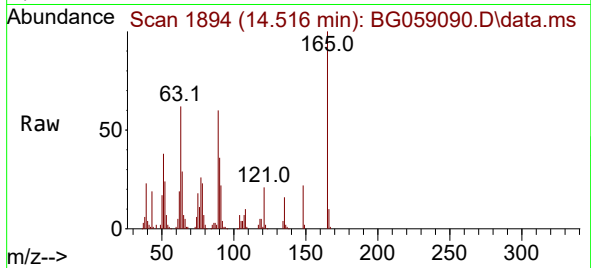




#51
2,6-Dinitrotoluene
Concen: 55.430 ng
RT: 14.516 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

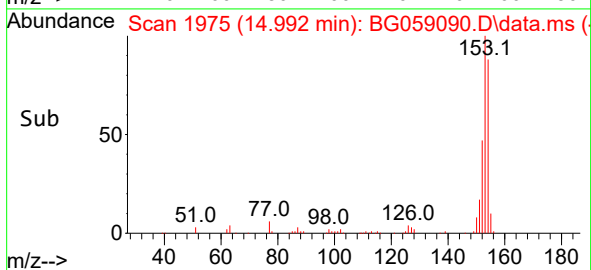
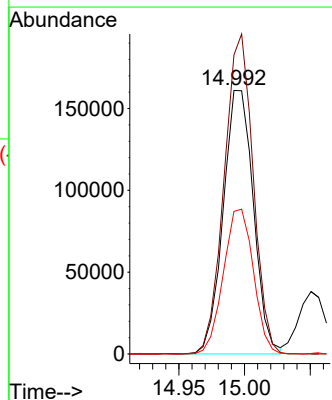
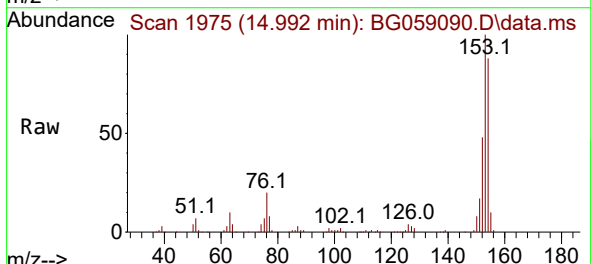
Instrument :
BNA_G
ClientSampleId :
PB154929BS

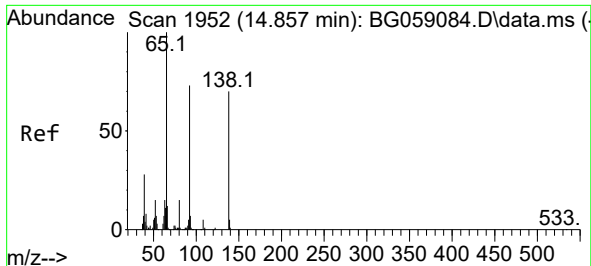
Tgt Ion:165 Resp: 80471
Ion Ratio Lower Upper
165 100
63 62.0 53.0 79.6
89 59.7 51.4 77.0



#52
Acenaphthene
Concen: 53.390 ng
RT: 14.992 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:154 Resp: 257870
Ion Ratio Lower Upper
154 100
153 113.5 92.4 138.6
152 54.1 41.6 62.4

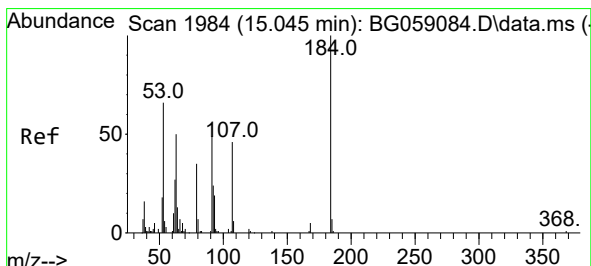
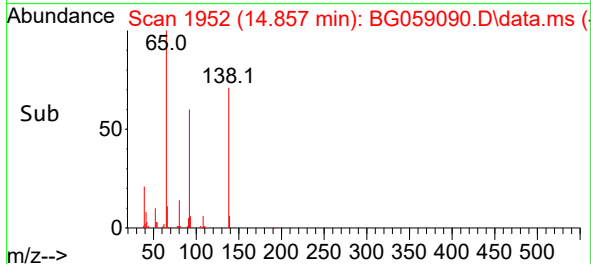
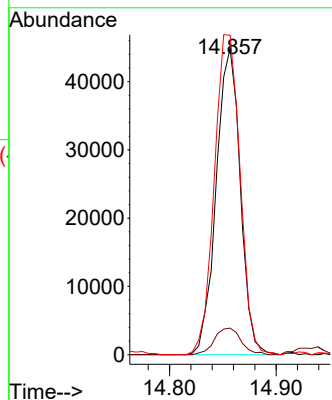
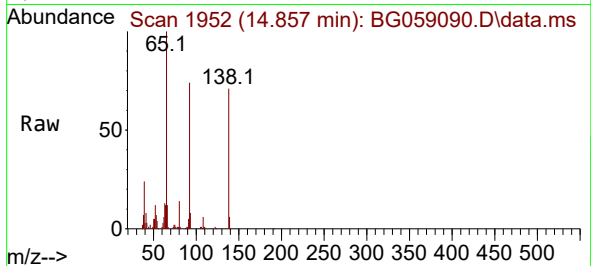




#53
3-Nitroaniline
Concen: 41.122 ng
RT: 14.857 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

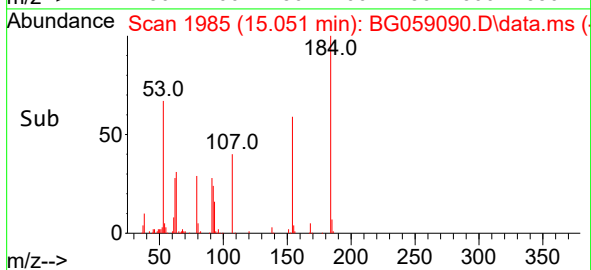
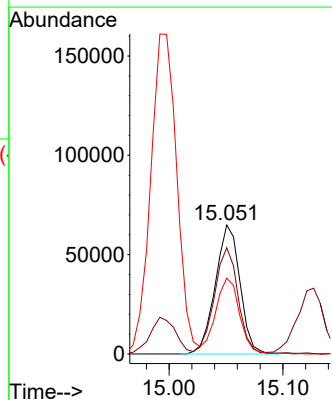
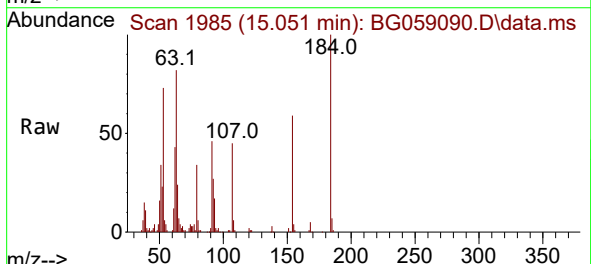
Instrument :
BNA_G
ClientSampleId :
PB154929BS

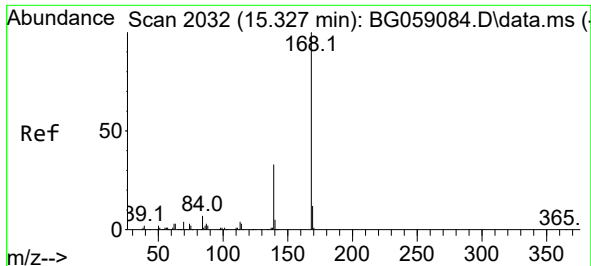
Tgt Ion:138 Resp: 70264
Ion Ratio Lower Upper
138 100
108 8.7 6.2 9.2
92 104.3 84.2 126.4



#54
2,4-Dinitrophenol
Concen: 121.354 ng
RT: 15.051 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:184 Resp: 97638
Ion Ratio Lower Upper
184 100
63 82.3 75.1 112.7
154 58.8 44.6 66.8

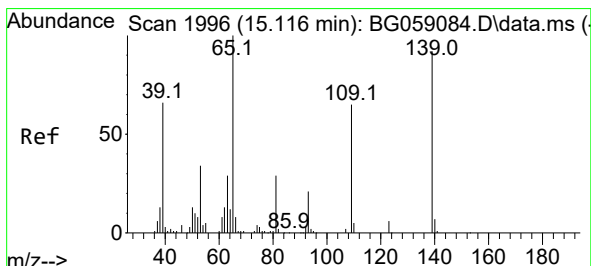
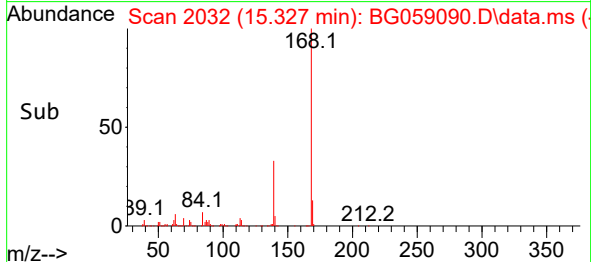
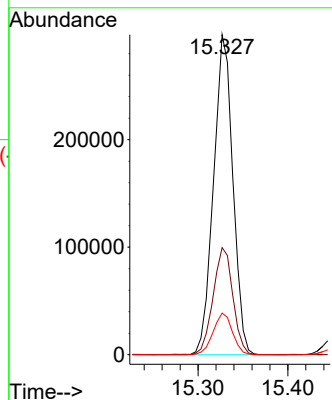
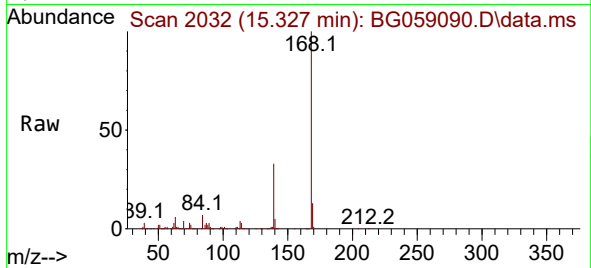




#55
Dibenzenofuran
Concen: 53.043 ng
RT: 15.327 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

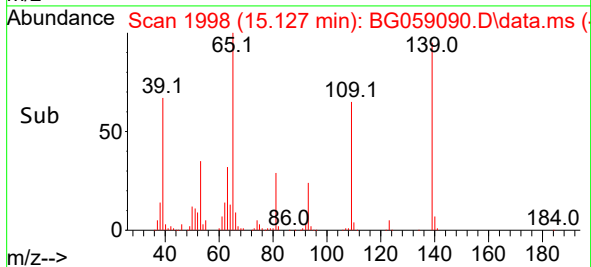
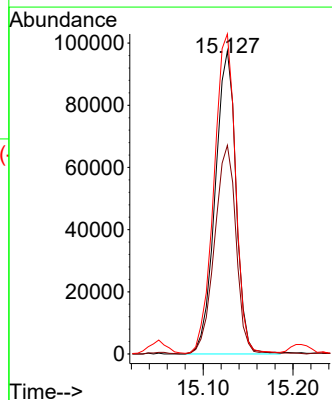
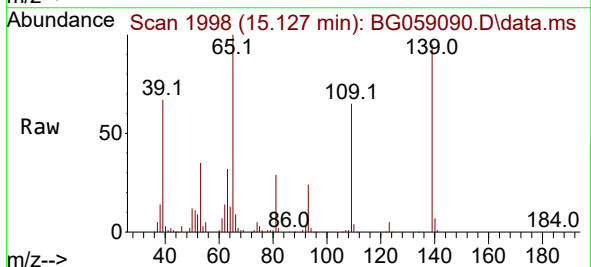
Instrument :
BNA_G
ClientSampleId :
PB154929BS

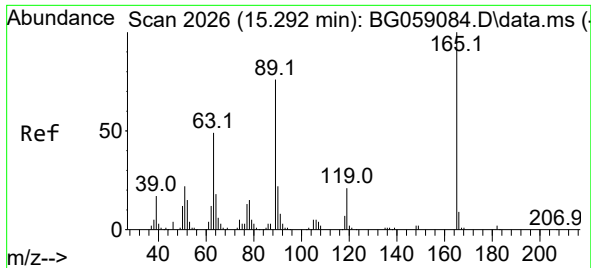
Tgt Ion:168 Resp: 444367
Ion Ratio Lower Upper
168 100
139 33.4 26.7 40.1
169 13.0 9.8 14.8



#56
4-Nitrophenol
Concen: 118.279 ng
RT: 15.127 min Scan# 1998
Delta R.T. 0.011 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:139 Resp: 156894
Ion Ratio Lower Upper
139 100
109 68.8 50.1 90.1
65 105.6 89.1 129.1





#57

2,4-Dinitrotoluene

Concen: 58.428 ng

RT: 15.297 min Scan# 2026

Delta R.T. 0.005 min

Lab File: BG059090.D

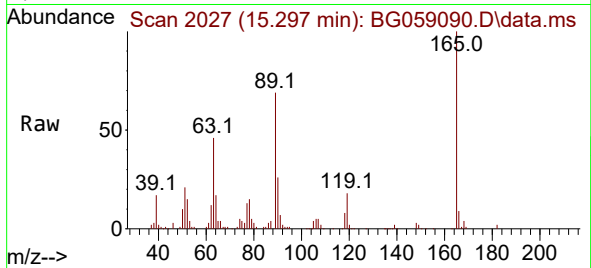
Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS



Tgt Ion:165 Resp: 114392

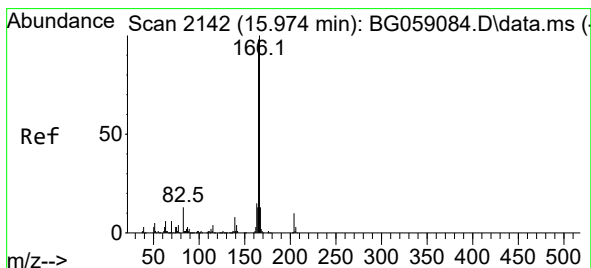
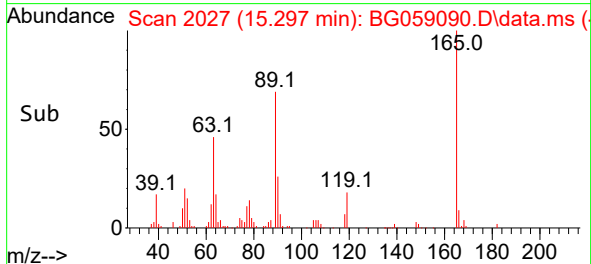
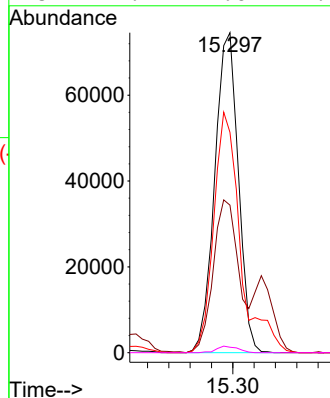
Ion Ratio Lower Upper

165 100

63 46.1 38.9 58.3

89 68.9 60.7 91.1

182 1.7 1.6 2.4



#58

Fluorene

Concen: 52.805 ng

RT: 15.973 min Scan# 2142

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

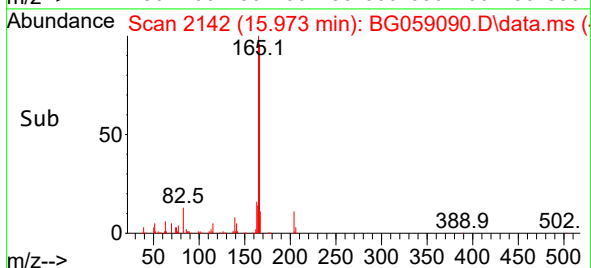
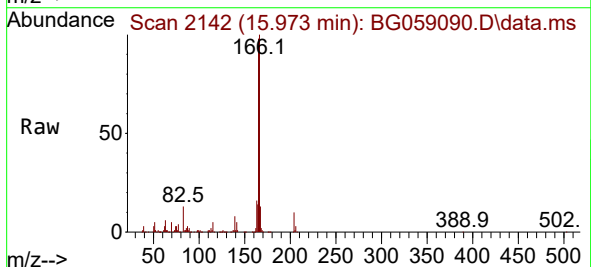
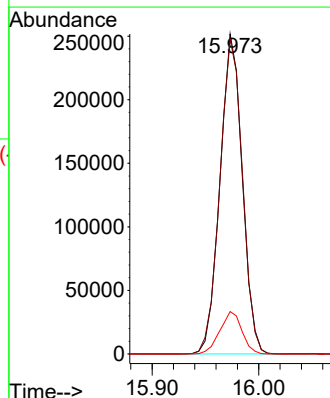
Tgt Ion:166 Resp: 363783

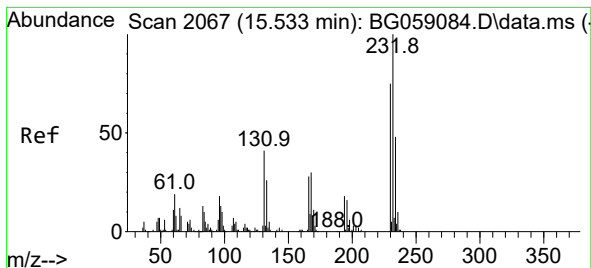
Ion Ratio Lower Upper

166 100

165 98.4 78.3 117.5

167 13.2 10.2 15.2

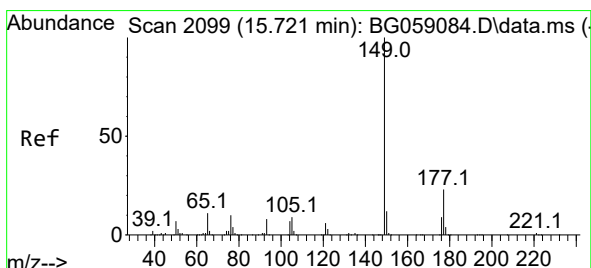
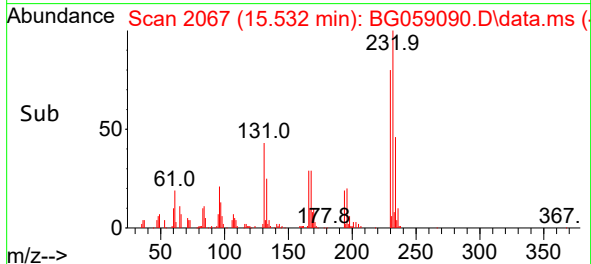
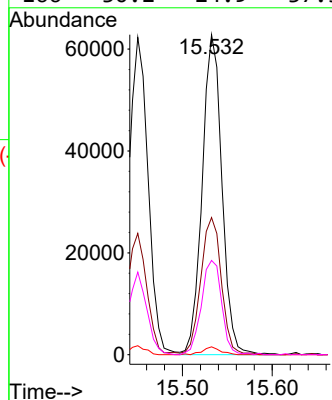
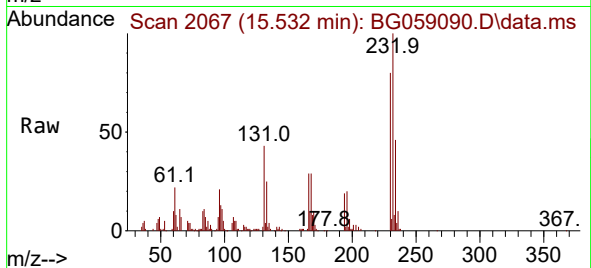




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.012 ng
RT: 15.532 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

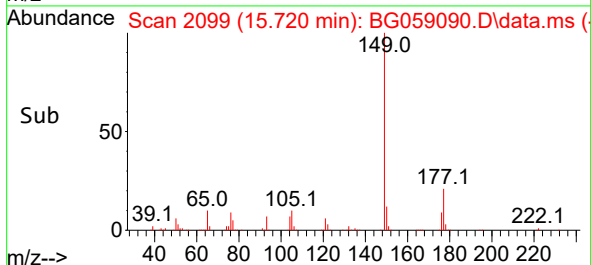
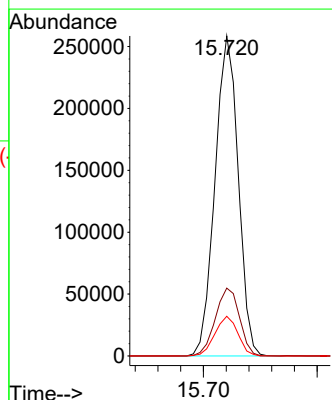
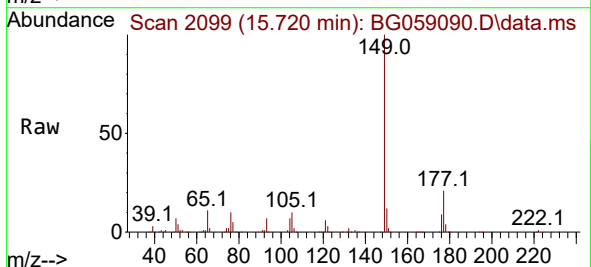
Instrument :
BNA_G
ClientSampleId :
PB154929BS

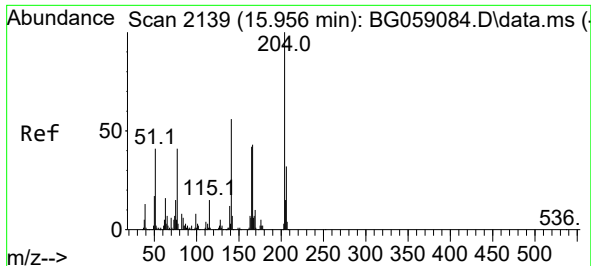
Tgt Ion:	232	Resp:	96070
Ion Ratio	Lower	Upper	
232	100		
131	44.5	34.7	52.1
130	2.2	1.9	2.9
166	30.2	24.9	37.3



#60
Diethylphthalate
Concen: 51.195 ng
RT: 15.720 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:	149	Resp:	366707
Ion Ratio	Lower	Upper	
149	100		
177	21.2	18.2	27.4
150	12.4	9.7	14.5

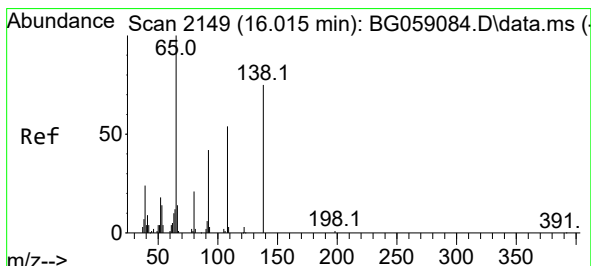
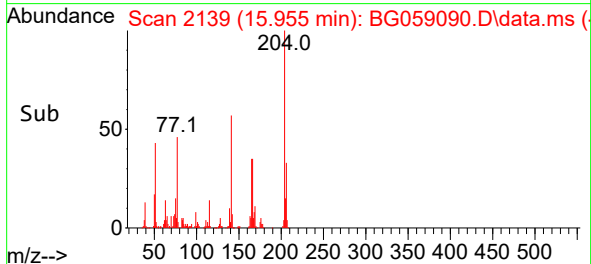
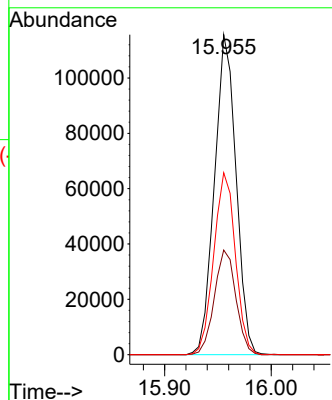
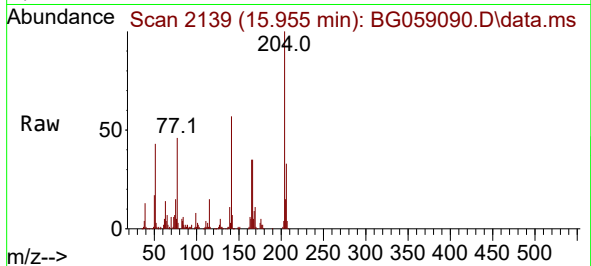




#61
4-Chlorophenyl-phenylether
Concen: 52.112 ng
RT: 15.955 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

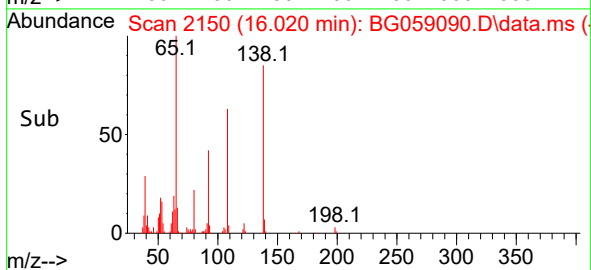
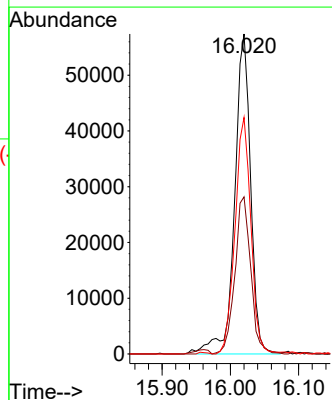
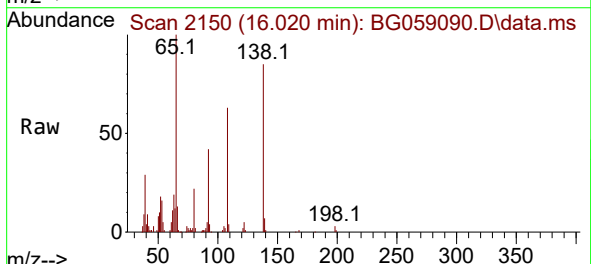
Instrument :
BNA_G
ClientSampleId :
PB154929BS

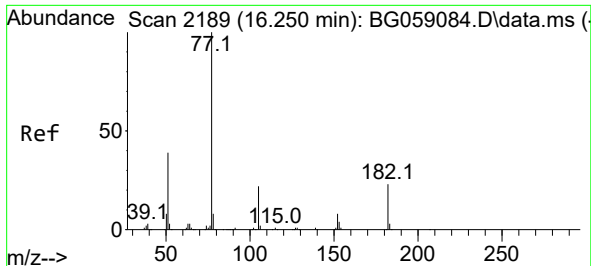
Tgt Ion:204 Resp: 162381
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 56.8 44.7 67.1



#62
4-Nitroaniline
Concen: 54.847 ng
RT: 16.020 min Scan# 2150
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:138 Resp: 93750
Ion Ratio Lower Upper
138 100
92 49.1 35.8 75.8
108 73.9 50.5 90.5

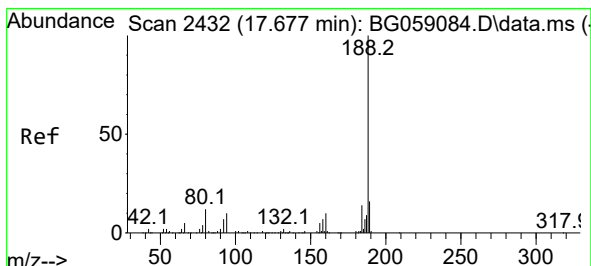
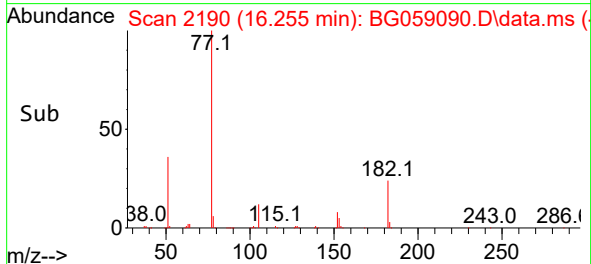
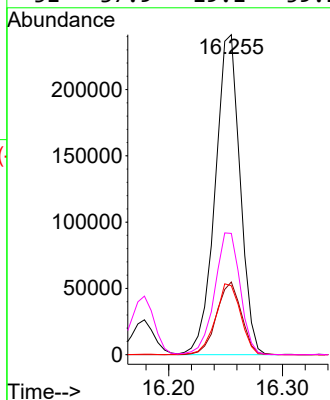
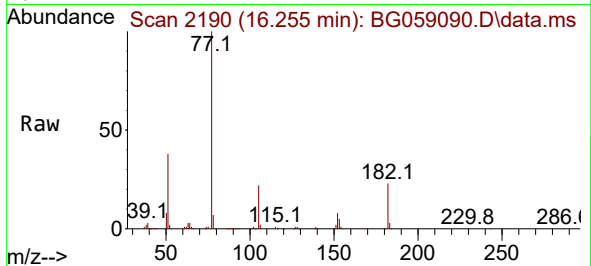




#63
Azobenzene
Concen: 52.136 ng
RT: 16.255 min Scan# 2189
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

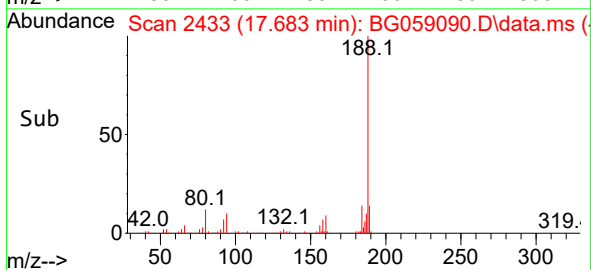
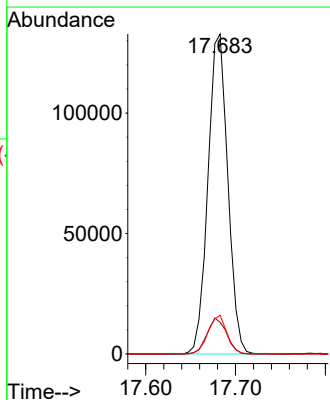
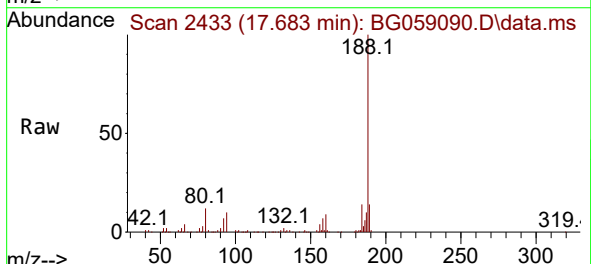
Instrument :
BNA_G
ClientSampleId :
PB154929BS

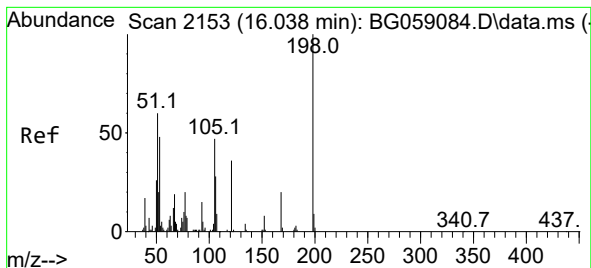
Tgt Ion: 77	Resp: 367546
Ion Ratio	Lower Upper
77 100	
182 22.7	2.9 42.9
105 21.5	2.4 42.4
51 37.9	19.1 59.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.683 min Scan# 2433
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:188	Resp: 203472
Ion Ratio	Lower Upper
188 100	
94 9.9	7.8 11.8
80 12.1	9.6 14.4

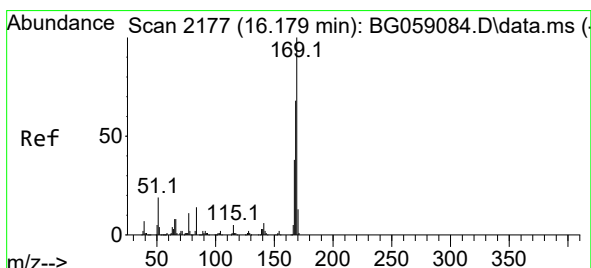
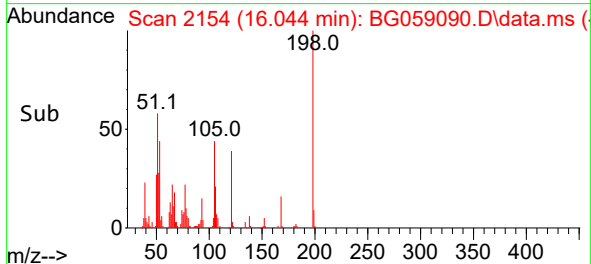
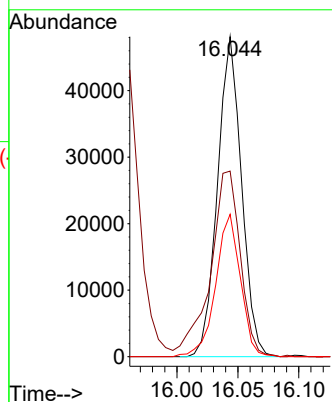
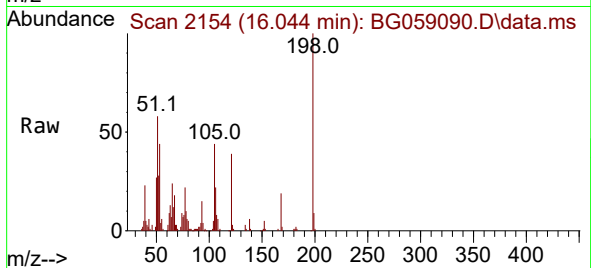




#65
4,6-Dinitro-2-methylphenol
Concen: 56.032 ng
RT: 16.044 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

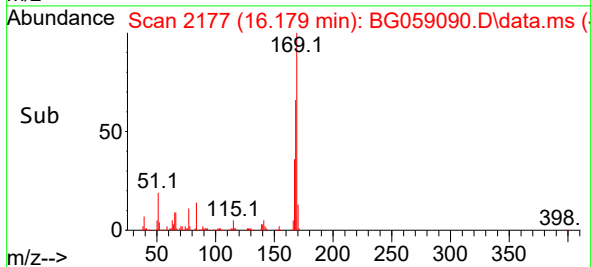
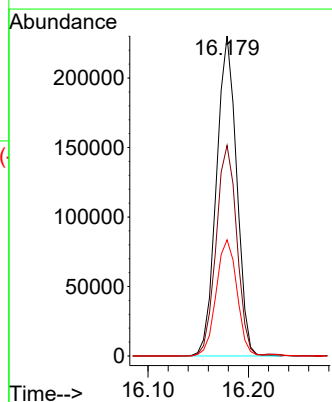
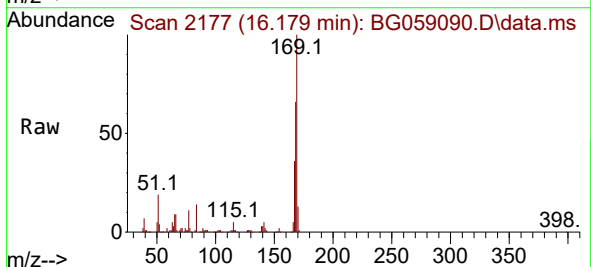
Instrument :
BNA_G
ClientSampleId :
PB154929BS

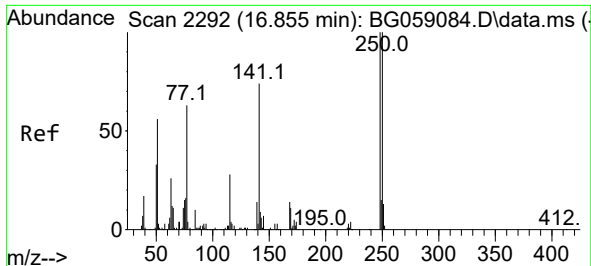
Tgt Ion:198 Resp: 65959
Ion Ratio Lower Upper
198 100
51 58.0 44.5 84.5
105 44.5 26.7 66.7



#66
n-Nitrosodiphenylamine
Concen: 53.373 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:169 Resp: 322251
Ion Ratio Lower Upper
169 100
168 65.8 54.7 82.1
167 36.3 30.4 45.6

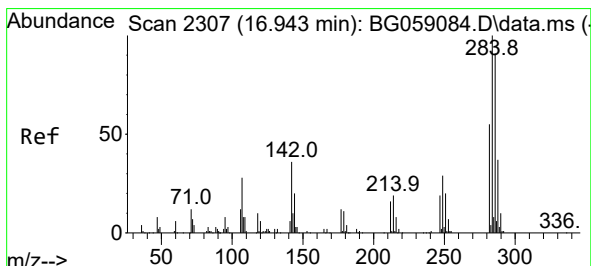
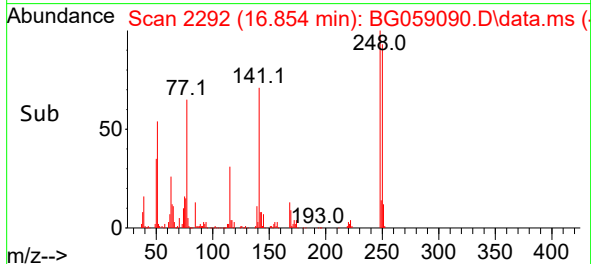
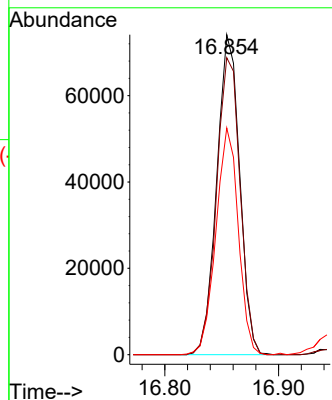
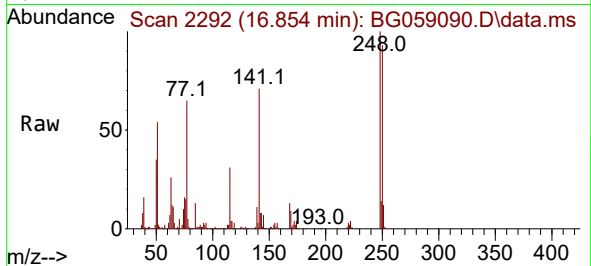




#67
4-Bromophenyl-phenylether
Concen: 52.530 ng
RT: 16.854 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

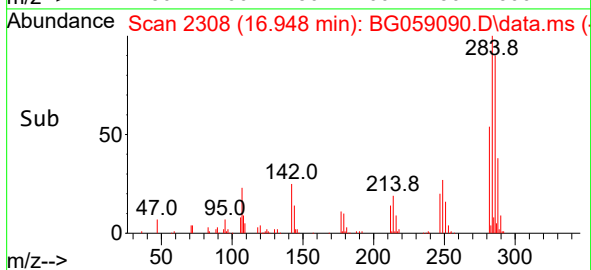
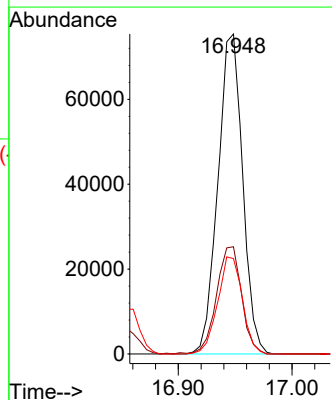
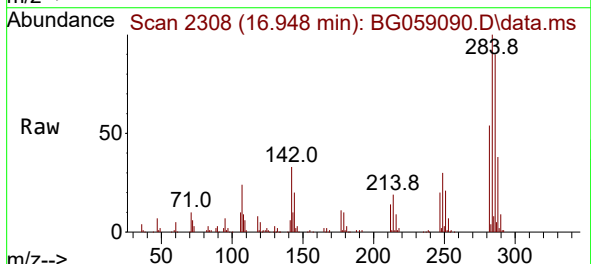
Instrument :
BNA_G
ClientSampleId :
PB154929BS

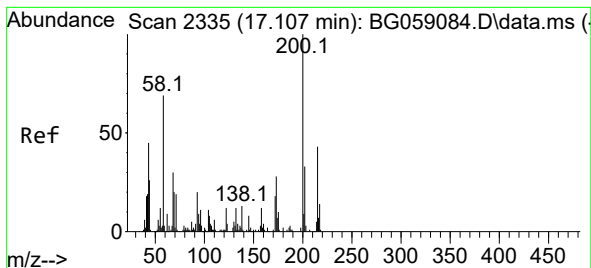
Tgt Ion:248 Resp: 103604
Ion Ratio Lower Upper
248 100
250 92.8 79.8 119.6
141 70.9 59.1 88.7



#68
Hexachlorobenzene
Concen: 55.712 ng
RT: 16.948 min Scan# 2308
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:284 Resp: 113689
Ion Ratio Lower Upper
284 100
142 33.5 28.4 42.6
249 29.8 23.5 35.3





#69

Atrazine

Concen: 60.734 ng

RT: 17.113 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

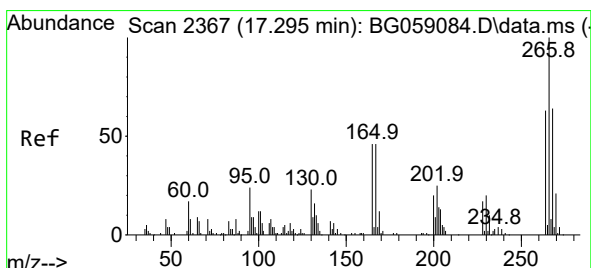
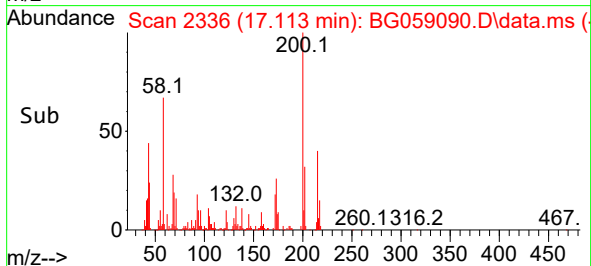
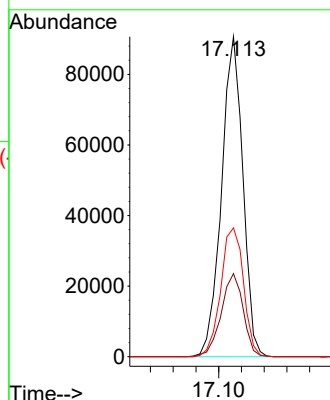
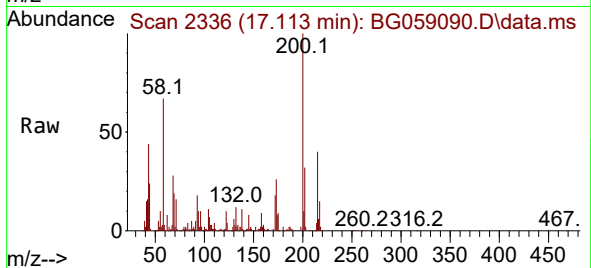
Tgt Ion:200 Resp: 118099

Ion Ratio Lower Upper

200 100

173 26.0 8.3 48.3

215 40.2 22.5 62.5



#70

Pentachlorophenol

Concen: 91.737 ng

RT: 17.301 min Scan# 2368

Delta R.T. 0.005 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

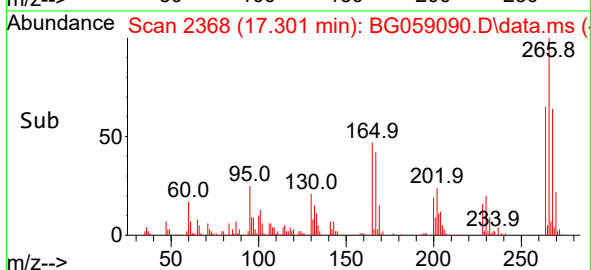
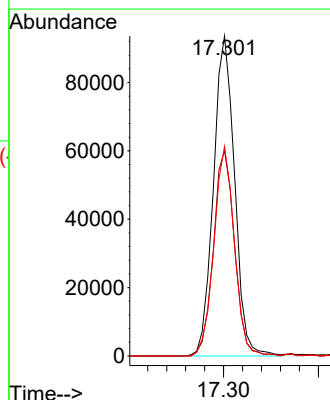
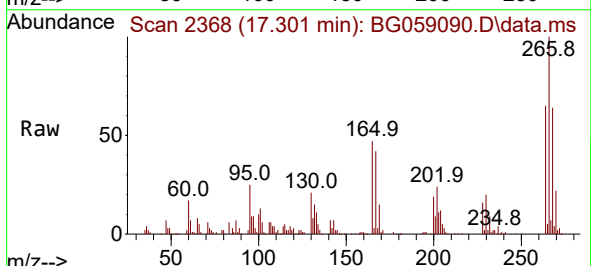
Tgt Ion:266 Resp: 144839

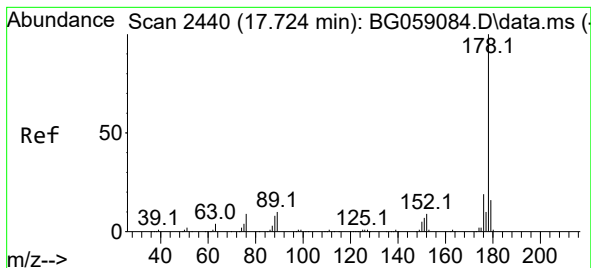
Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

264 65.5 50.4 75.6





#71

Phenanthrene

Concen: 55.074 ng

RT: 17.724 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

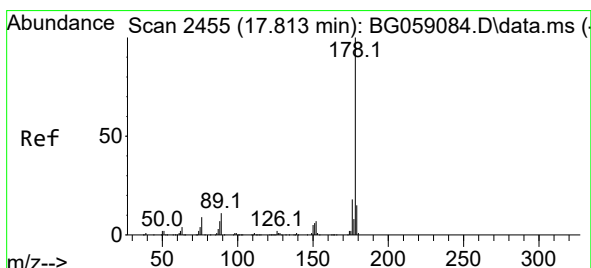
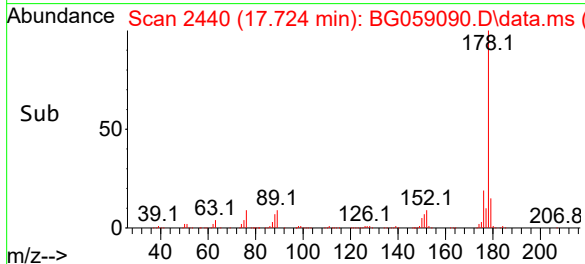
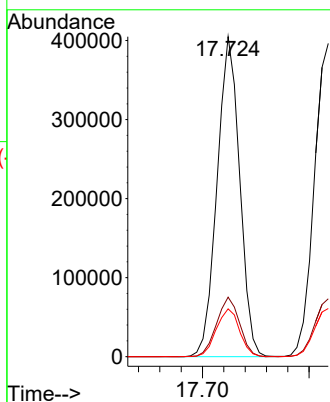
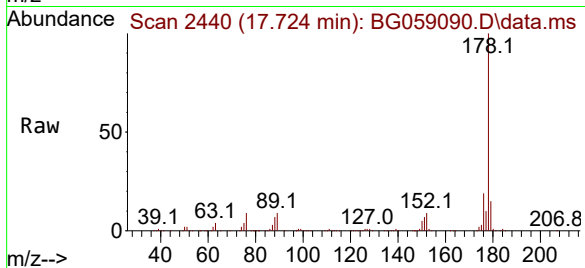
Tgt Ion:178 Resp: 594218

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 14.9 12.9 19.3



#72

Anthracene

Concen: 54.702 ng

RT: 17.818 min Scan# 2456

Delta R.T. 0.005 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

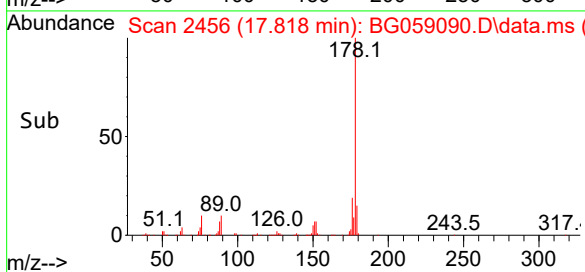
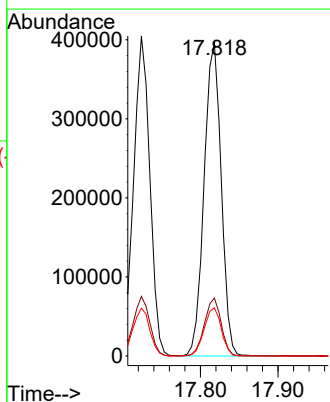
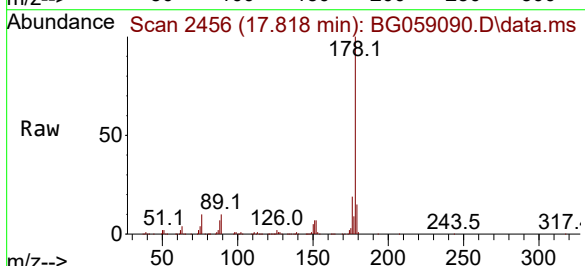
Tgt Ion:178 Resp: 606572

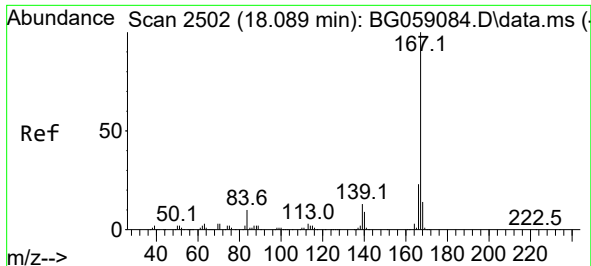
Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 15.4 12.1 18.1

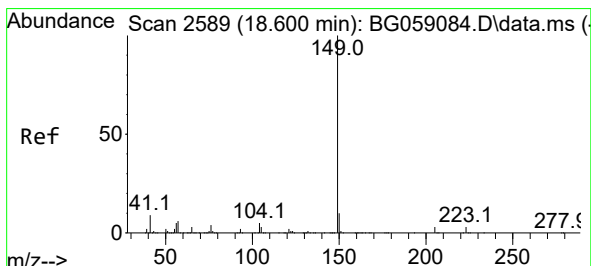
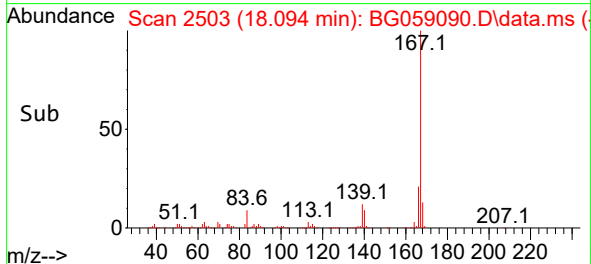
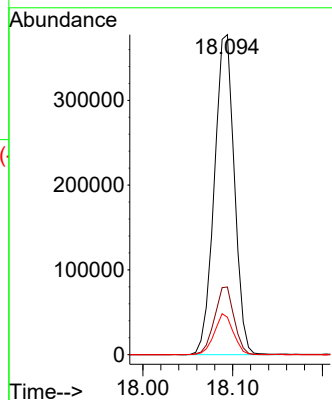
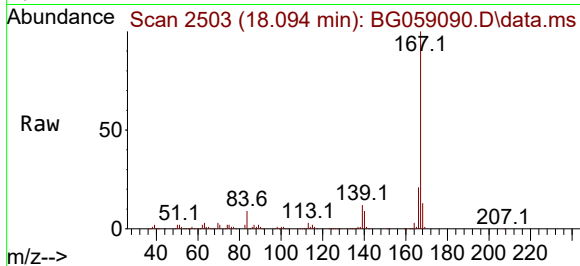




#73
Carbazole
Concen: 55.614 ng
RT: 18.094 min Scan# 2503
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

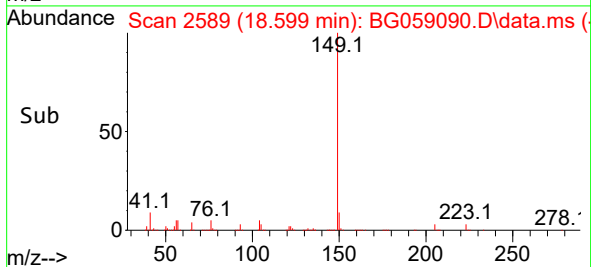
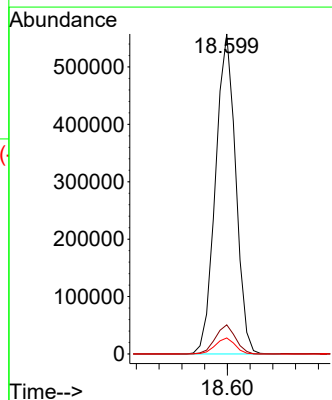
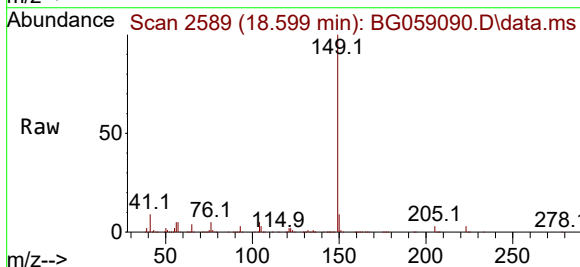
Instrument :
BNA_G
ClientSampleId :
PB154929BS

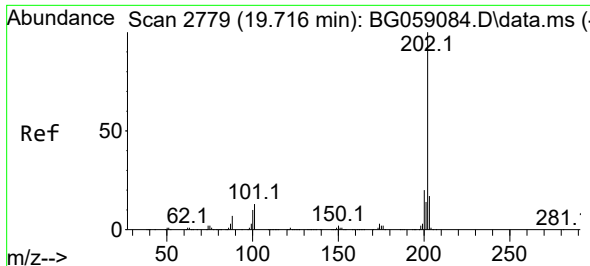
Tgt Ion:167 Resp: 584751
Ion Ratio Lower Upper
167 100
166 21.2 18.2 27.4
139 11.7 10.4 15.6



#74
Di-n-butylphthalate
Concen: 53.369 ng
RT: 18.599 min Scan# 2589
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:149 Resp: 687744
Ion Ratio Lower Upper
149 100
150 9.1 7.6 11.4
104 5.0 4.1 6.1

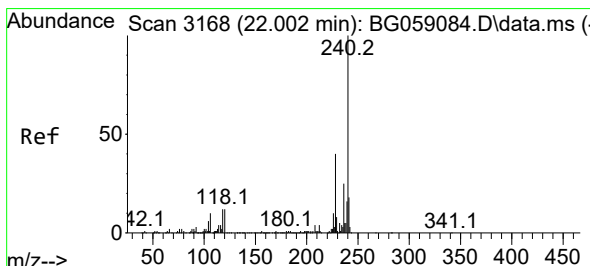
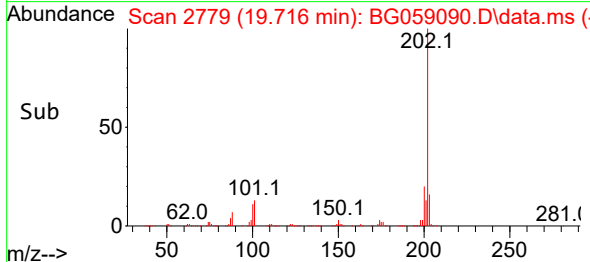
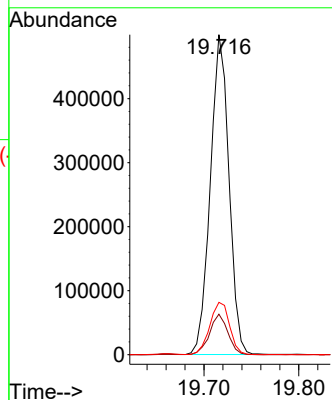
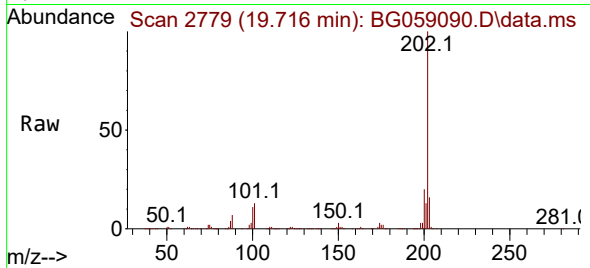




#75
Fluoranthene
Concen: 53.663 ng
RT: 19.716 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

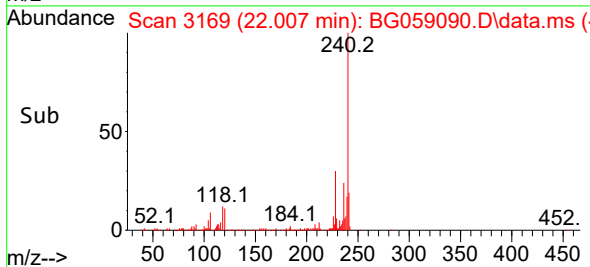
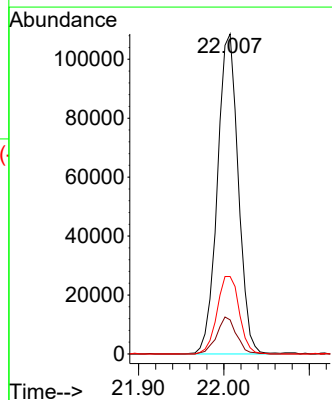
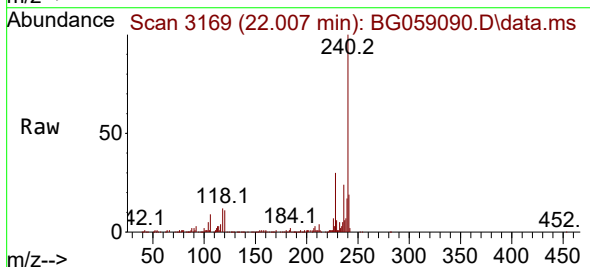
Instrument :
BNA_G
ClientSampleId :
PB154929BS

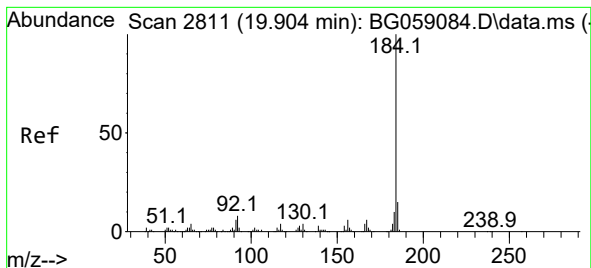
Tgt Ion:202 Resp: 681105
Ion Ratio Lower Upper
202 100
101 12.6 0.0 32.9
203 16.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.007 min Scan# 3169
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:240 Resp: 184416
Ion Ratio Lower Upper
240 100
120 10.7 9.8 14.8
236 24.2 20.2 30.2





#77

Benzidine

Concen: 54.438 ng

RT: 19.904 min Scan# 2811

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

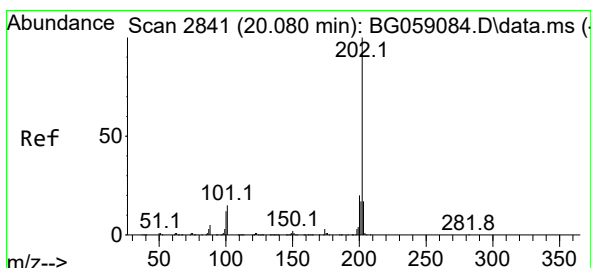
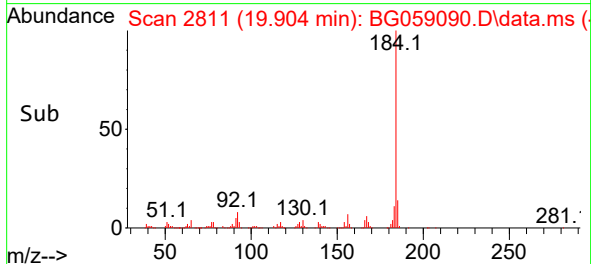
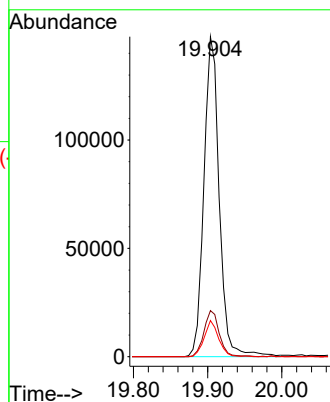
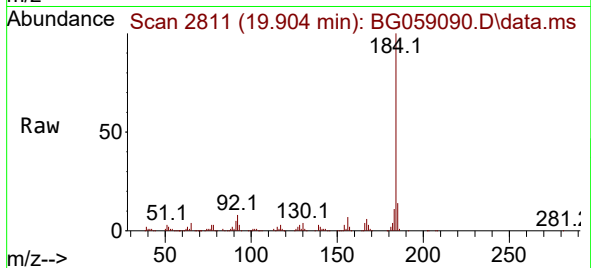
Tgt Ion:184 Resp: 212550

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

183 11.3 8.4 12.6



#78

Pyrene

Concen: 54.935 ng

RT: 20.080 min Scan# 2841

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

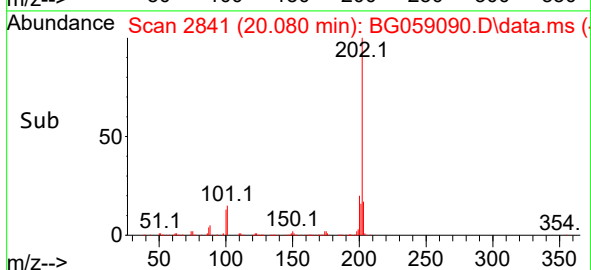
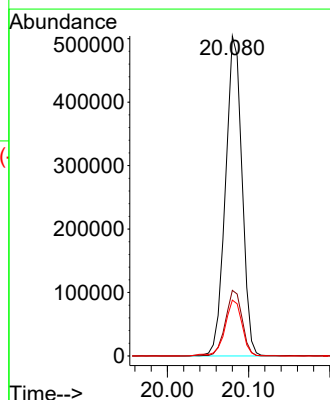
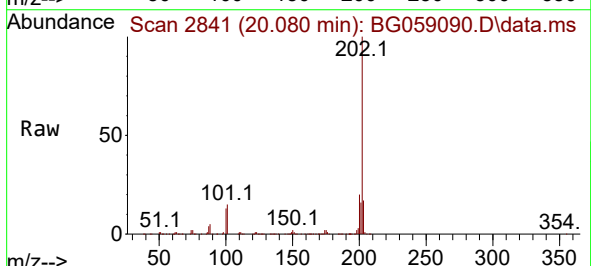
Tgt Ion:202 Resp: 714855

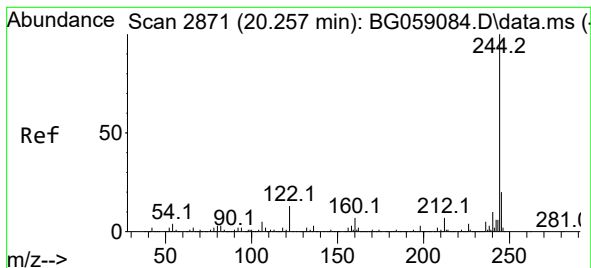
Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 100.181 ng

RT: 20.262 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

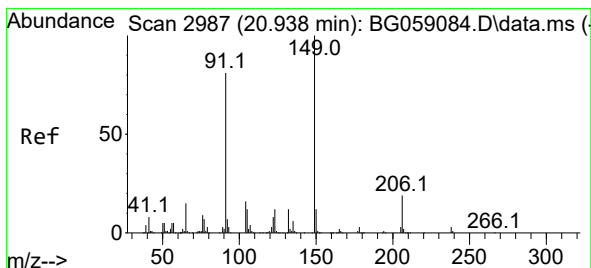
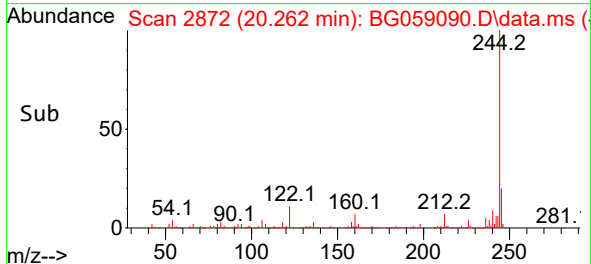
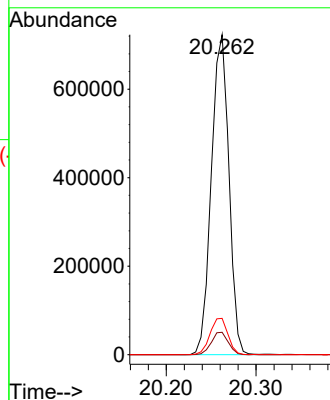
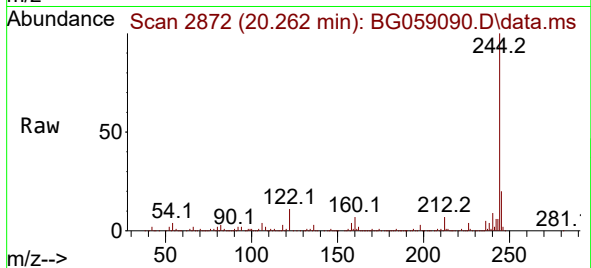
Tgt Ion:244 Resp: 982020

Ion Ratio Lower Upper

244 100

212 7.0 5.3 7.9

122 11.3 10.2 15.2



#80

Butylbenzylphthalate

Concen: 54.518 ng

RT: 20.944 min Scan# 2988

Delta R.T. 0.005 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

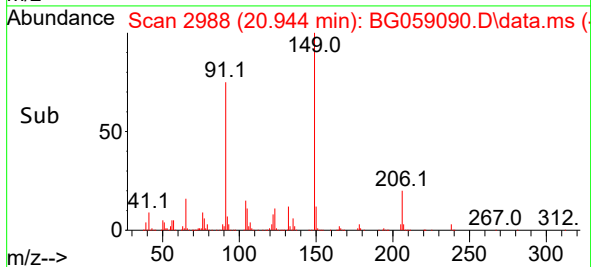
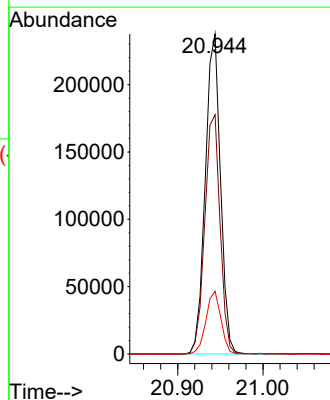
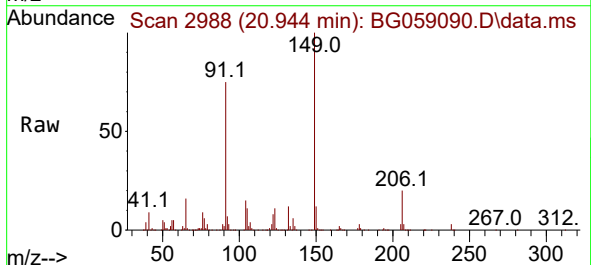
Tgt Ion:149 Resp: 293978

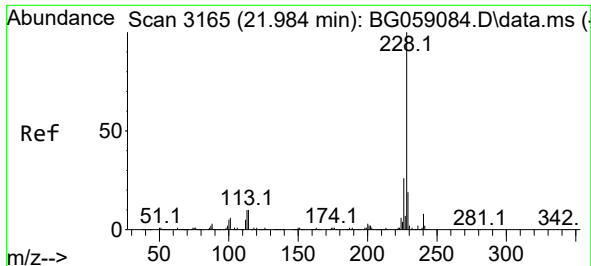
Ion Ratio Lower Upper

149 100

91 74.8 64.8 97.2

206 19.6 15.4 23.2

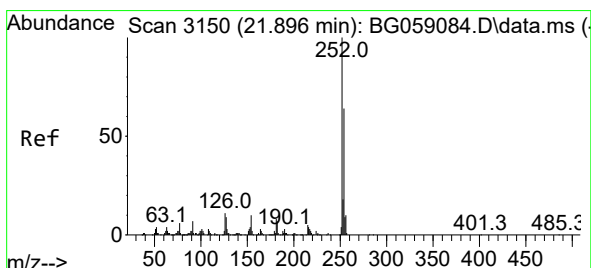
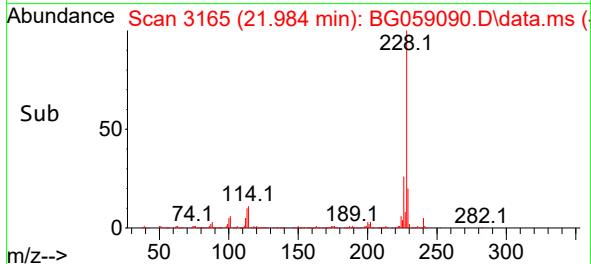
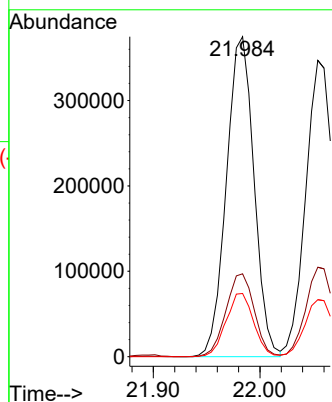
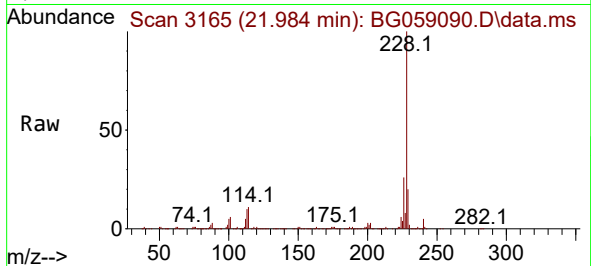




#81
Benzo(a)anthracene
Concen: 54.023 ng
RT: 21.984 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

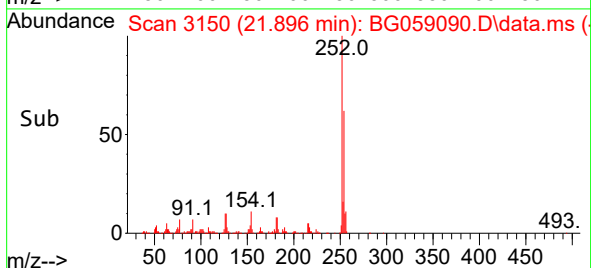
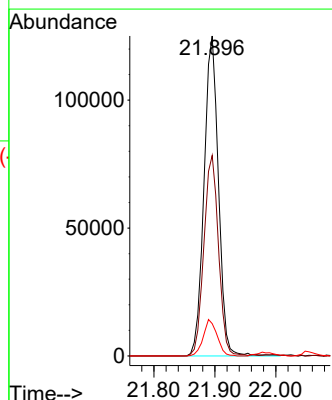
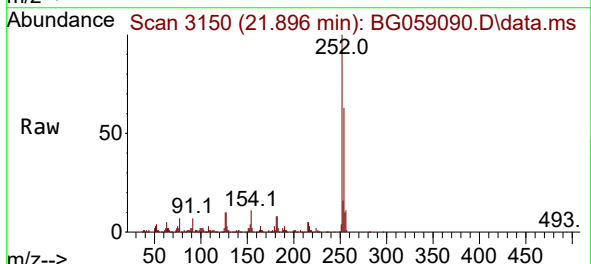
Instrument :
BNA_G
ClientSampleId :
PB154929BS

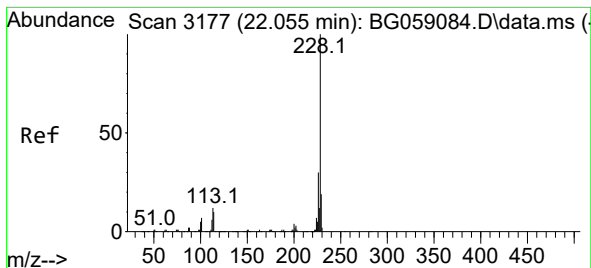
Tgt Ion:228 Resp: 675500
Ion Ratio Lower Upper
228 100
226 25.9 20.7 31.1
229 19.7 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 45.734 ng
RT: 21.896 min Scan# 3150
Delta R.T. -0.000 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:252 Resp: 206067
Ion Ratio Lower Upper
252 100
254 62.6 51.6 77.4
126 10.1 8.9 13.3





#83

Chrysene

Concen: 51.986 ng

RT: 22.054 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

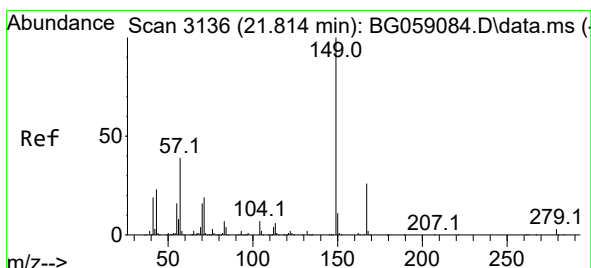
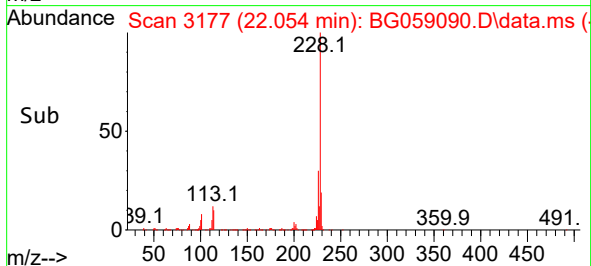
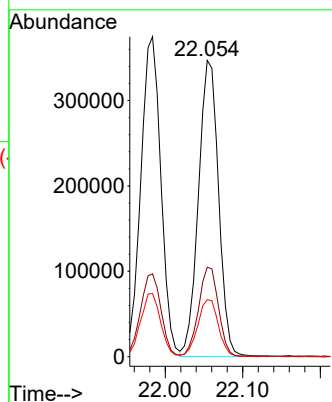
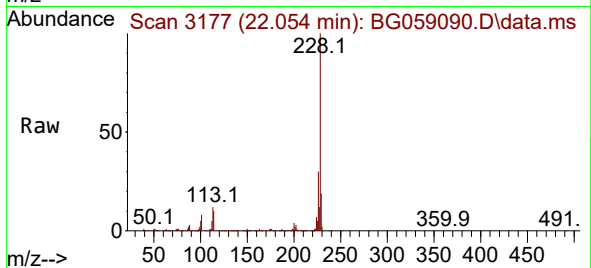
Tgt Ion:228 Resp: 623047

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.211 ng

RT: 21.819 min Scan# 3137

Delta R.T. 0.005 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

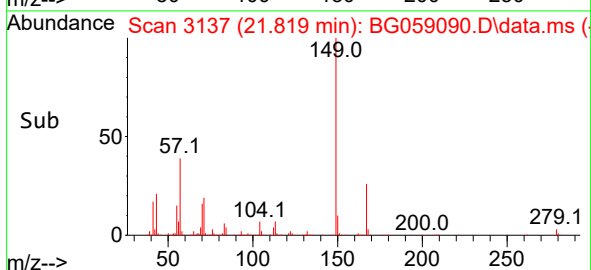
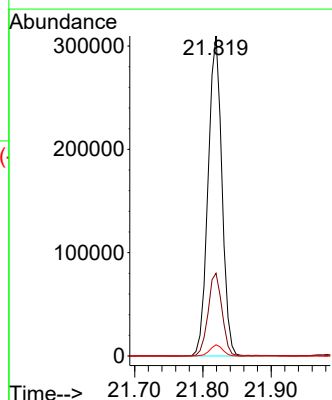
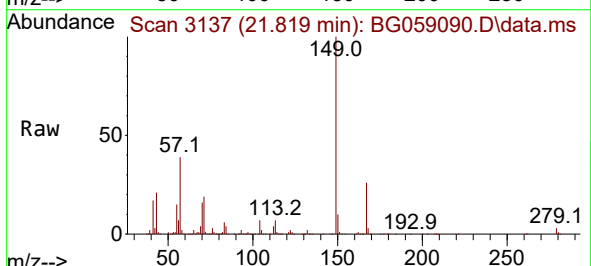
Tgt Ion:149 Resp: 436324

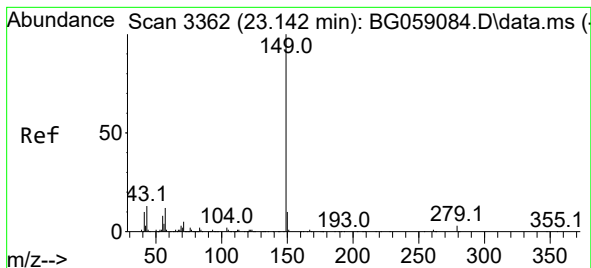
Ion Ratio Lower Upper

149 100

167 25.9 20.8 31.2

279 3.5 2.2 3.4#





#85

Di-n-octyl phthalate

Concen: 54.587 ng

RT: 23.147 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

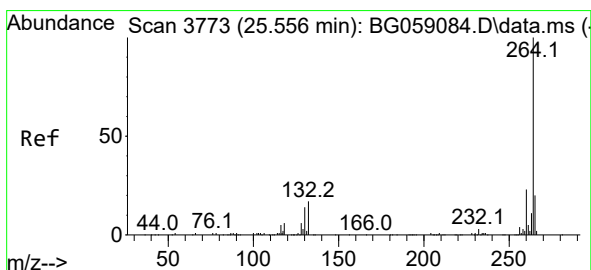
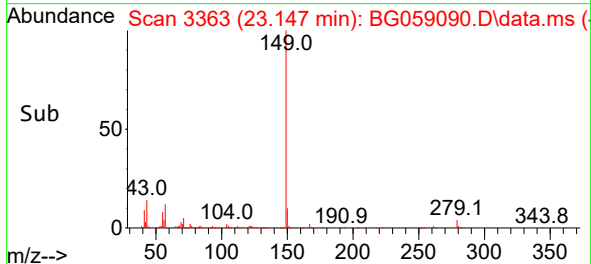
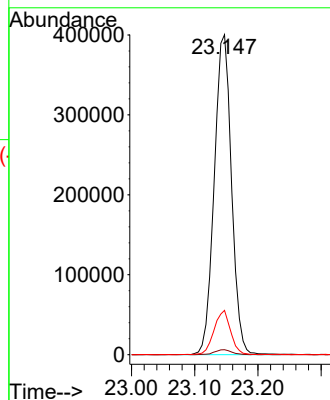
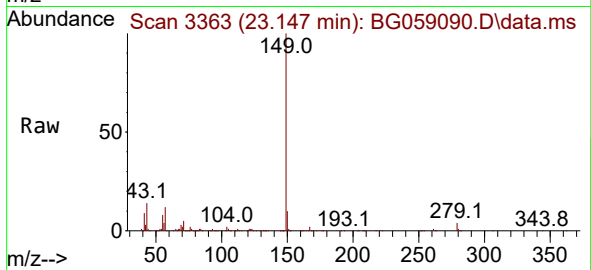
Tgt Ion:149 Resp: 759239

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 13.4 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.550 min Scan# 3772

Delta R.T. -0.006 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

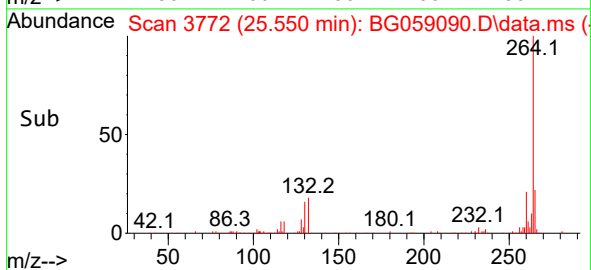
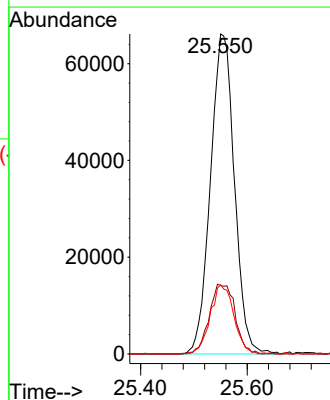
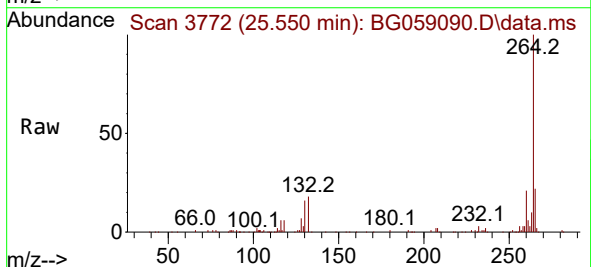
Tgt Ion:264 Resp: 206170

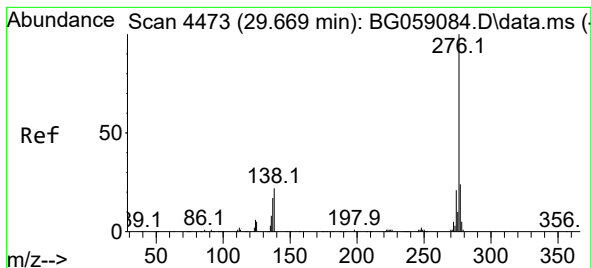
Ion Ratio Lower Upper

264 100

260 21.4 18.5 27.7

265 21.6 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.919 ng

RT: 29.681 min Scan# 4475

Delta R.T. 0.011 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

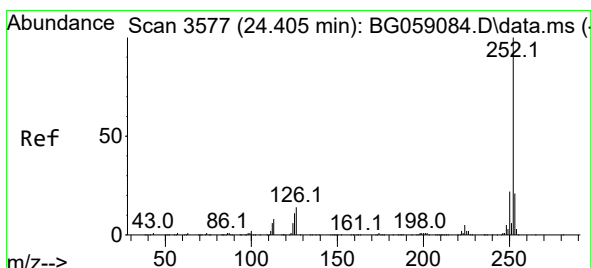
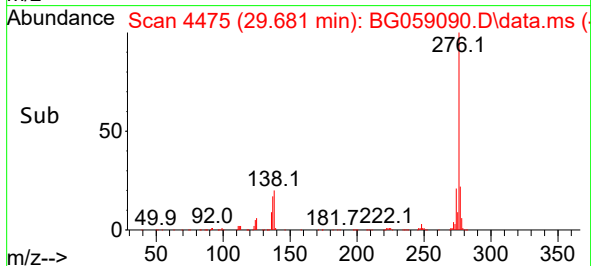
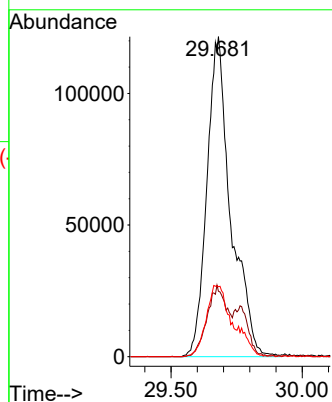
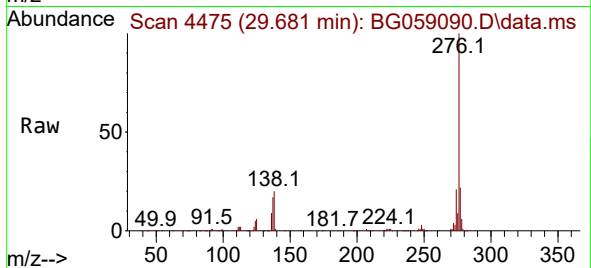
Tgt Ion:276 Resp: 770171

Ion Ratio Lower Upper

276 100

138 19.0 15.0 22.4

277 20.9 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 59.437 ng

RT: 24.410 min Scan# 3578

Delta R.T. 0.005 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

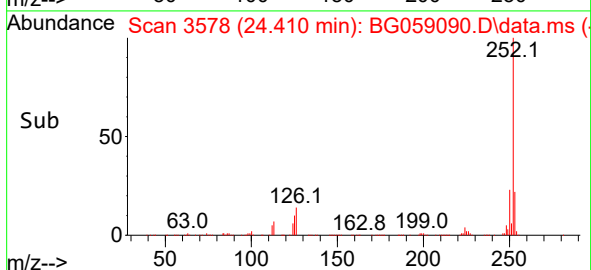
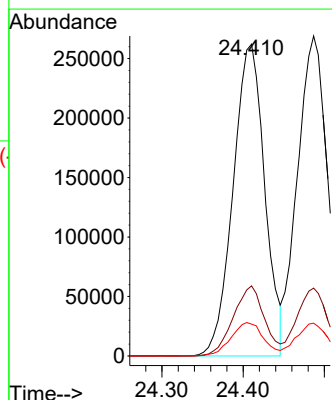
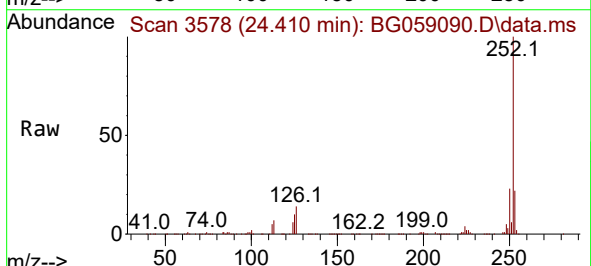
Tgt Ion:252 Resp: 708875

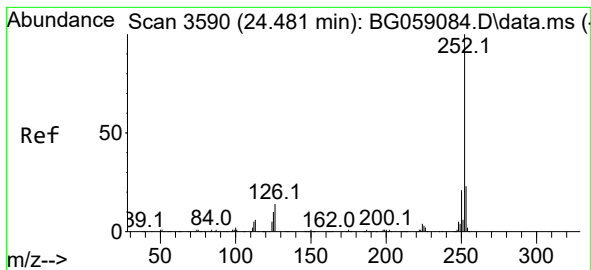
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 10.2 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 55.952 ng

RT: 24.487 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

Instrument :

BNA_G

ClientSampleId :

PB154929BS

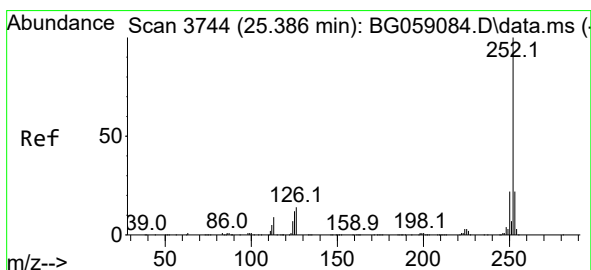
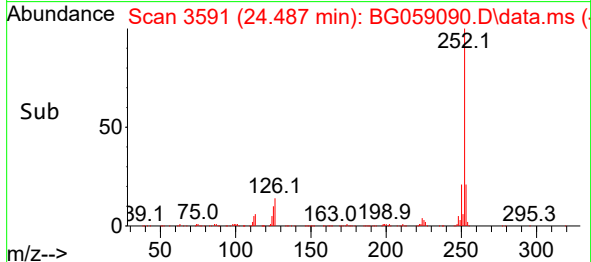
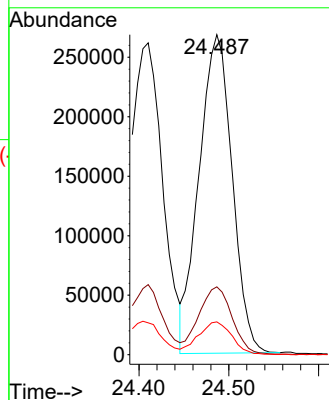
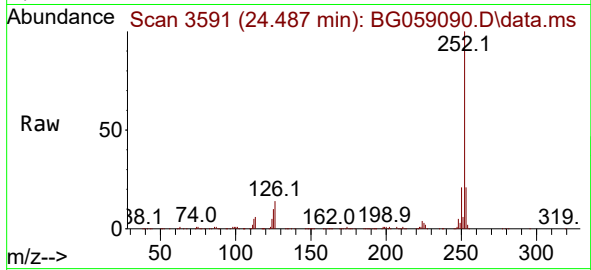
Tgt Ion:252 Resp: 685667

Ion Ratio Lower Upper

252 100

253 21.2 18.0 27.0

125 10.2 8.4 12.6



#90

Benzo(a)pyrene

Concen: 53.207 ng

RT: 25.386 min Scan# 3744

Delta R.T. -0.000 min

Lab File: BG059090.D

Acq: 18 Sep 2023 18:54

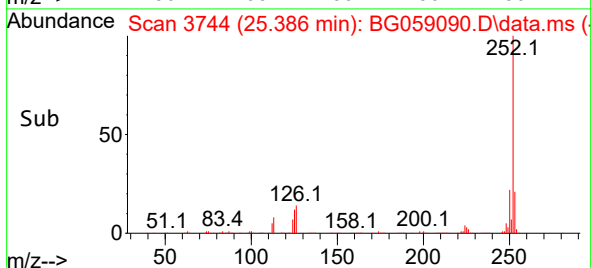
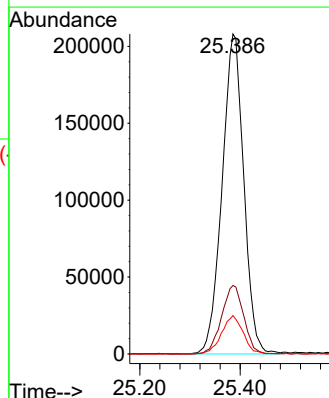
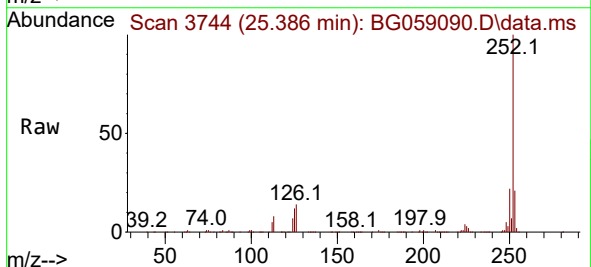
Tgt Ion:252 Resp: 622973

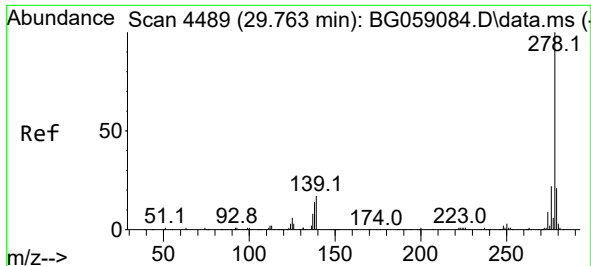
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

125 12.0 9.5 14.3

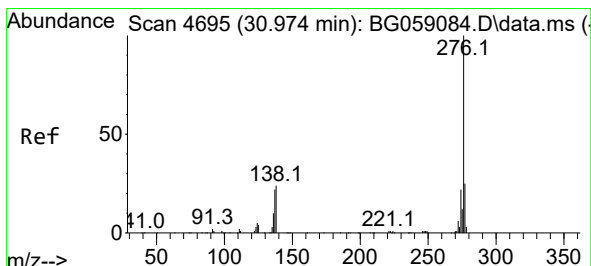
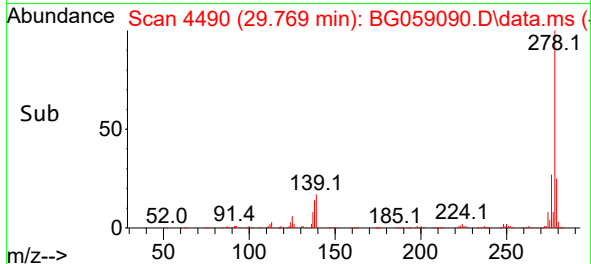
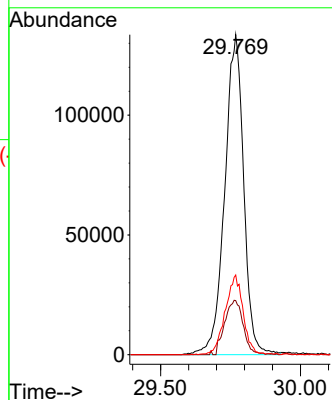
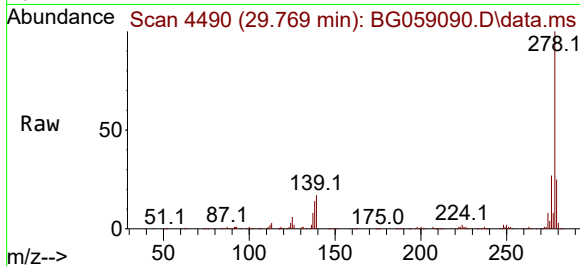




#91
Dibenzo(a,h)anthracene
Concen: 58.404 ng
RT: 29.769 min Scan# 4489
Delta R.T. 0.005 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Instrument :
BNA_G
ClientSampleId :
PB154929BS

Tgt Ion:278 Resp: 629078
Ion Ratio Lower Upper
278 100
139 16.9 13.4 20.0
279 24.9 16.8 25.2



#92
Benzo(g,h,i)perylene
Concen: 56.093 ng
RT: 30.985 min Scan# 4697
Delta R.T. 0.011 min
Lab File: BG059090.D
Acq: 18 Sep 2023 18:54

Tgt Ion:276 Resp: 617859
Ion Ratio Lower Upper
276 100
277 24.7 19.8 29.6
138 22.7 19.3 28.9

