

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
 Data File : BG059948.D
 Acq On : 5 Dec 2023 13:59
 Operator : MA/JU
 Sample : PB157473BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157473BS

Quant Time: Dec 05 14:37:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	74775	20.000	ng	# 0.00
21) Naphthalene-d8	10.766	136	295851	20.000	ng	# 0.00
39) Acenaphthene-d10	14.597	164	304778	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	1102115	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	1652517	20.000	ng	0.00
86) Perylene-d12	24.815	264	1794097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	539921	145.079	ng	0.00
7) Phenol-d6	7.118	99	866262	147.683	ng	0.00
23) Nitrobenzene-d5	9.121	82	651187	78.681	ng	0.00
42) 2,4,6-Tribromophenol	16.089	330	1424474	145.266	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	2305315	82.499	ng	0.00
79) Terphenyl-d14	19.973	244	6095654	63.589	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.434	88	44773	35.583	ng	95
3) Pyridine	3.821	79	112709	30.015	ng	92
4) n-Nitrosodimethylamine	3.739	42	81432	41.251	ng	# 88
6) Aniline	7.282	93	257048	39.706	ng	99
8) 2-Chlorophenol	7.523	128	183514	50.552	ng	96
9) Benzaldehyde	7.088	77	90334	20.731	ng	89
10) Phenol	7.147	94	293052	49.948	ng	95
11) bis(2-Chloroethyl)ether	7.376	93	176899	43.326	ng	90
12) 1,3-Dichlorobenzene	7.846	146	220987	42.298	ng	94
13) 1,4-Dichlorobenzene	7.993	146	233940	43.255	ng	93
14) 1,2-Dichlorobenzene	8.310	146	233555	44.049	ng	92
15) Benzyl Alcohol	8.193	79	300270	51.802	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.492	45	93234	43.480	ng	94
17) 2-Methylphenol	8.398	107	196589	49.724	ng	89
18) Hexachloroethane	9.045	117	86511	41.226	ng	89
19) n-Nitroso-di-n-propyla...	8.763	70	200297	45.565	ng	94
20) 3+4-Methylphenols	8.722	107	286356	51.042	ng	94
22) Acetophenone	8.780	105	393338	41.605	ng	97
24) Nitrobenzene	9.162	77	318342	38.440	ng	98
25) Isophorone	9.685	82	561148	39.436	ng	96
26) 2-Nitrophenol	9.873	139	105385	40.016	ng	# 82
27) 2,4-Dimethylphenol	9.932	122	202384	55.985	ng	92
28) bis(2-Chloroethoxy)met...	10.173	93	274110	41.002	ng	93
29) 2,4-Dichlorophenol	10.408	162	340696	47.334	ng	89
30) 1,2,4-Trichlorobenzene	10.625	180	422461	40.250	ng	96
31) Naphthalene	10.819	128	641838	42.205	ng	98
32) Benzoic acid	10.067	122	158242	45.905	ng	98
33) 4-Chloroaniline	10.919	127	196712	33.167	ng	92
34) Hexachlorobutadiene	11.101	225	464713	39.490	ng	97
35) Caprolactam	11.695	113	39410	26.034	ng	92
36) 4-Chloro-3-methylphenol	12.041	107	280088	47.254	ng	94
37) 2-Methylnaphthalene	12.423	142	555466	43.032	ng	97
38) 1-Methylnaphthalene	12.646	142	518651	41.143	ng	91
40) 1,2,4,5-Tetrachloroben...	12.793	216	953515	43.825	ng	99
41) Hexachlorocyclopentadiene	12.776	237	1193939	108.297	ng	92
43) 2,4,6-Trichlorophenol	13.028	196	503438	45.187	ng	97

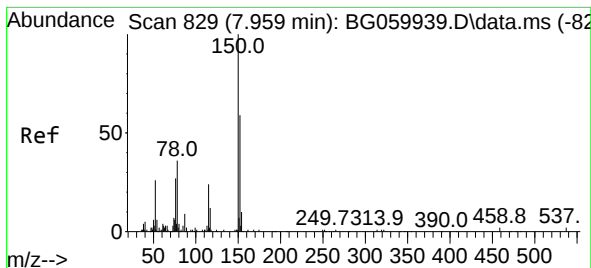
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.099	196	574127	46.863	ng	95
46) 1,1'-Biphenyl	13.434	154	983080	44.137	ng	98
47) 2-Chloronaphthalene	13.475	162	832150	41.758	ng	95
48) 2-Nitroaniline	13.675	65	181643	48.088	ng	100
49) Acenaphthylene	14.321	152	1179230	44.214	ng	97
50) Dimethylphthalate	14.057	163	1180475	45.499	ng	98
51) 2,6-Dinitrotoluene	14.174	165	230622	40.571	ng	99
52) Acenaphthene	14.668	154	737716	38.324	ng	97
53) 3-Nitroaniline	14.497	138	137825	39.083	ng	97
54) 2,4-Dinitrophenol	14.703	184	476663	96.141	ng	87
55) Dibenzofuran	14.997	168	1457839	44.899	ng	96
56) 4-Nitrophenol	14.803	139	275515	90.024	ng	# 84
57) 2,4-Dinitrotoluene	14.956	165	359980	45.533	ng	# 97
58) Fluorene	15.649	166	1253985	45.384	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.220	232	718987	49.333	ng	97
60) Diethylphthalate	15.426	149	1028387	44.502	ng	98
61) 4-Chlorophenyl-phenyle...	15.643	204	1129303	45.055	ng	97
62) 4-Nitroaniline	15.666	138	179371	44.190	ng	93
63) Azobenzene	15.937	77	1032920	43.087	ng	94
65) 4,6-Dinitro-2-methylph...	15.719	198	382626	45.409	ng	96
66) n-Nitrosodiphenylamine	15.854	169	1172258	46.434	ng	96
67) 4-Bromophenyl-phenylether	16.536	248	849274	44.978	ng	# 94
68) Hexachlorobenzene	16.648	284	931536	44.401	ng	94
69) Atrazine	16.806	200	477301	38.317	ng	96
70) Pentachlorophenol	16.994	266	1297259	85.330	ng	96
71) Phenanthrene	17.394	178	2423582	46.571	ng	98
72) Anthracene	17.482	178	2433379	45.745	ng	99
73) Carbazole	17.746	167	1847351	45.693	ng	96
74) Di-n-butylphthalate	18.316	149	1647641	47.117	ng	99
75) Fluoranthene	19.403	202	3674269	42.960	ng	98
77) Benzidine	19.585	184	825116	59.243	ng	97
78) Pyrene	19.768	202	3760478	42.760	ng	93
80) Butylbenzylphthalate	20.666	149	566666	45.423	ng	96
81) Benzo(a)anthracene	21.607	228	4735163	42.947	ng	94
82) 3,3'-Dichlorobenzidine	21.524	252	1894442	52.317	ng	# 99
83) Chrysene	21.671	228	4346004	42.042	ng	93
84) Bis(2-ethylhexyl)phtha...	21.524	149	904682	47.392	ng	97
85) Di-n-octyl phthalate	22.735	149	1584162	48.019	ng	99
87) Indeno(1,2,3-cd)pyrene	28.463	276	6512874	49.160	ng	# 99
88) Benzo(b)fluoranthene	23.874	252	5196714	46.862	ng	98
89) Benzo(k)fluoranthene	23.874	252	5196714	48.093	ng	# 97
90) Benzo(a)pyrene	24.668	252	4673800	47.193	ng	# 95
91) Dibenzo(a,h)anthracene	28.540	278	5596701	49.756	ng	96
92) Benzo(g,h,i)perylene	29.615	276	5249297	48.253	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.958 min Scan# 81

Delta R.T. -0.001 min

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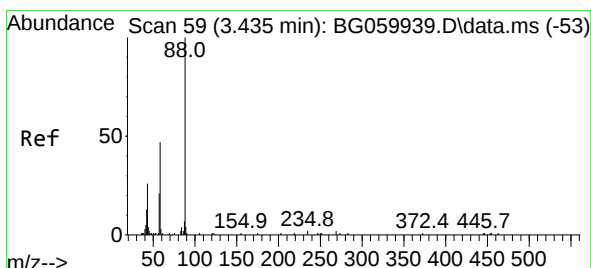
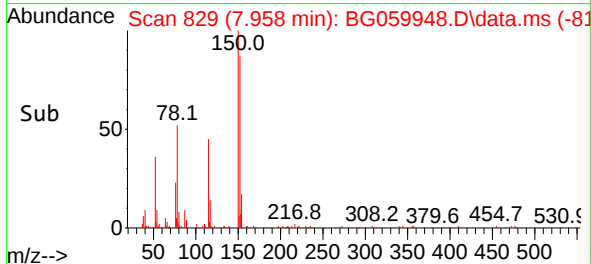
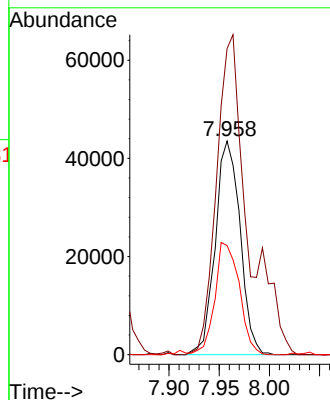
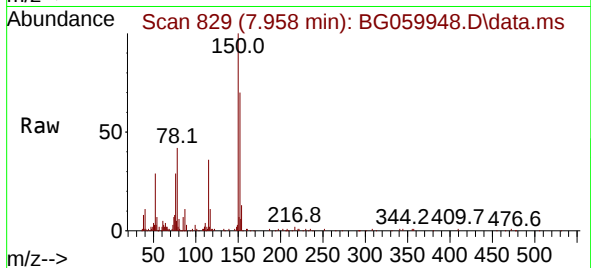
Tgt Ion:152 Resp: 74775

Ion Ratio Lower Upper

152 100

150 143.2 136.9 205.3

115 51.0 32.9 49.3#



#2

1,4-Dioxane

Concen: 35.583 ng

RT: 3.434 min Scan# 59

Delta R.T. -0.001 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

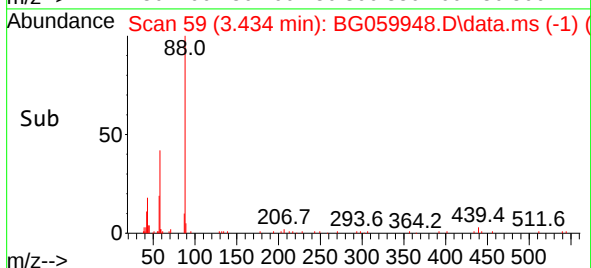
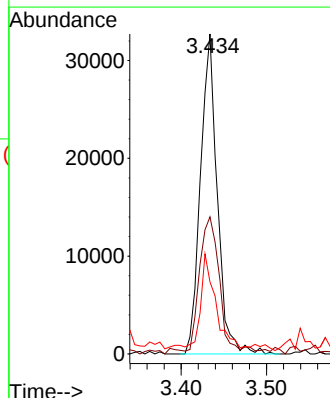
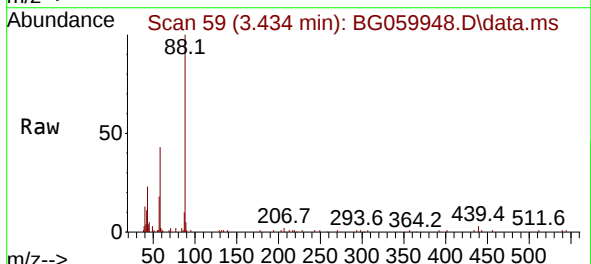
Tgt Ion: 88 Resp: 44773

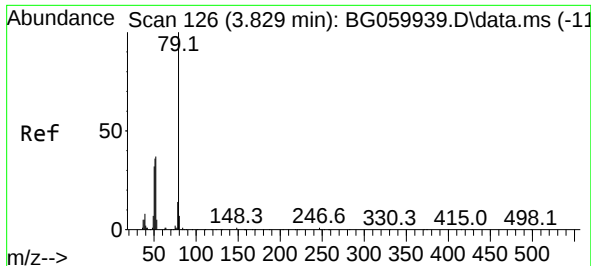
Ion Ratio Lower Upper

88 100

58 51.6 38.2 57.2

43 24.4 21.0 31.4

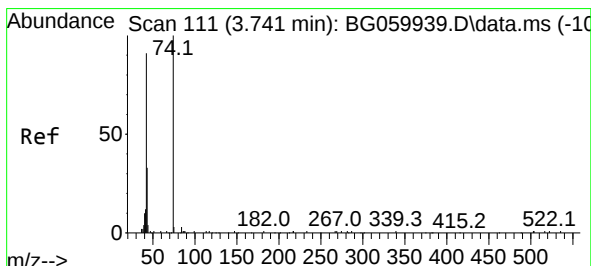
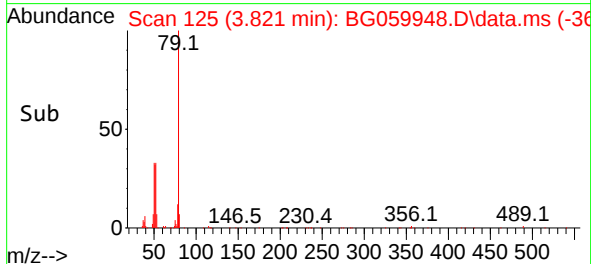
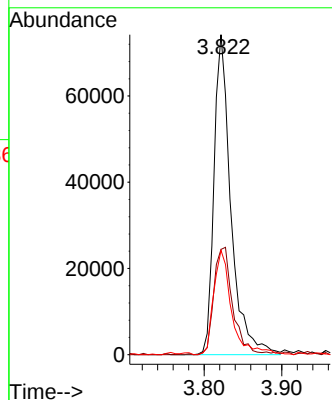
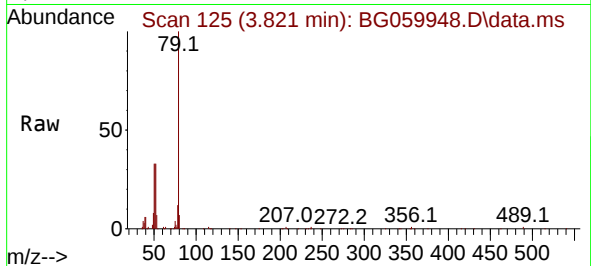




#3
Pyridine
Concen: 30.015 ng
RT: 3.821 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

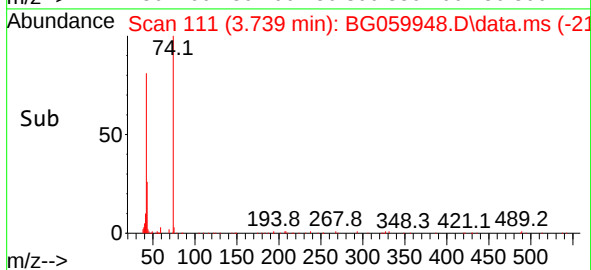
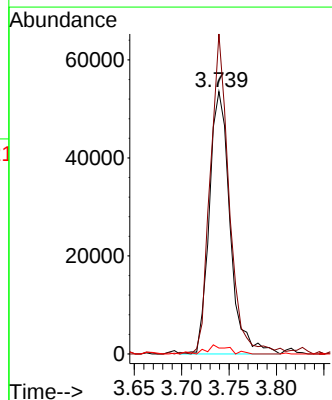
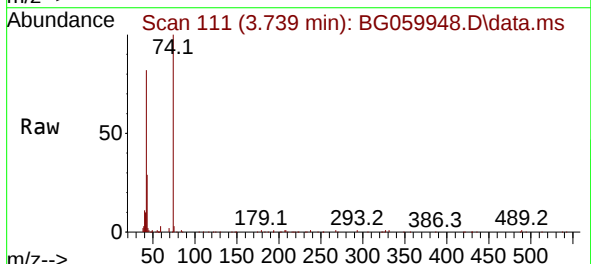
Instrument :
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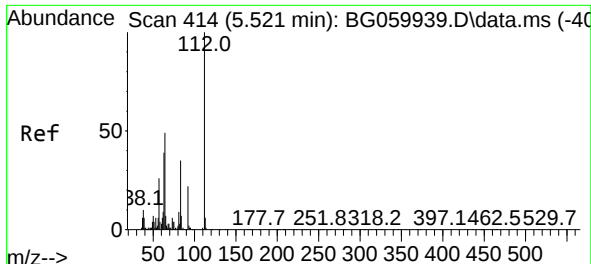
Tgt Ion: 79 Resp: 112709
Ion Ratio Lower Upper
79 100
52 32.9 29.8 44.8
51 32.6 30.3 45.5



#4
n-Nitrosodimethylamine
Concen: 41.251 ng
RT: 3.739 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion: 42 Resp: 81432
Ion Ratio Lower Upper
42 100
74 121.9 87.4 131.2
44 2.3 3.7 5.5#

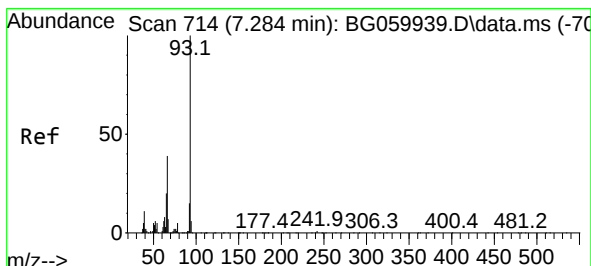
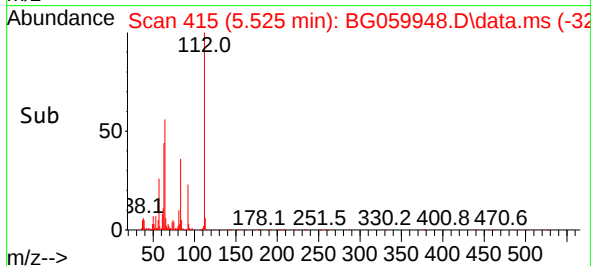
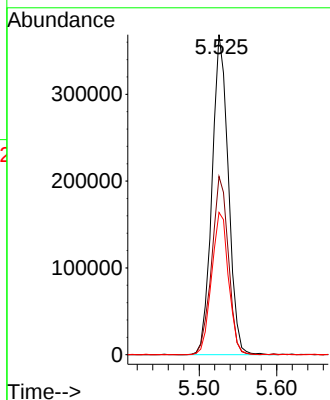
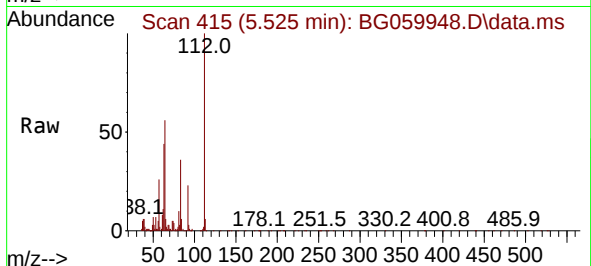




#5
2-Fluorophenol
Concen: 145.079 ng
RT: 5.525 min Scan# 414
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

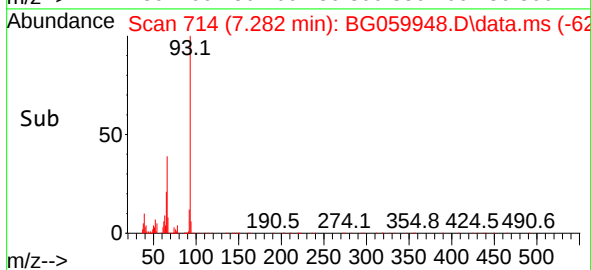
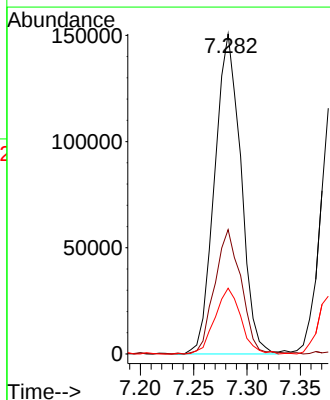
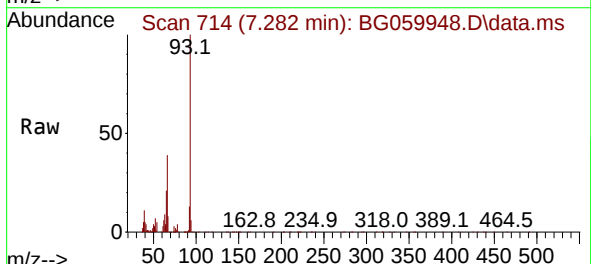
Instrument :
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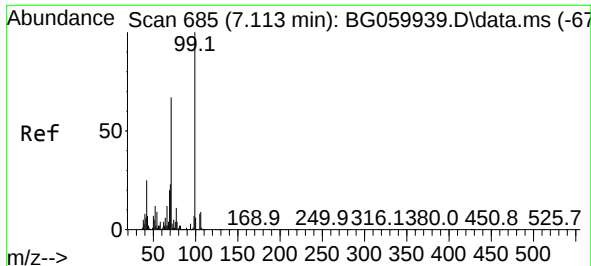
Tgt Ion:112 Resp: 539921
Ion Ratio Lower Upper
112 100
64 55.7 39.4 59.0
63 44.5 31.2 46.8



#6
Aniline
Concen: 39.706 ng
RT: 7.282 min Scan# 714
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion: 93 Resp: 257048
Ion Ratio Lower Upper
93 100
66 38.8 31.4 47.0
65 20.5 16.2 24.2





#7

Phenol-d6

Concen: 147.683 ng

RT: 7.118 min Scan# 61

Delta R.T. 0.004 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

Instrument :

BNA_G

ClientSampleId :

PB157473BS

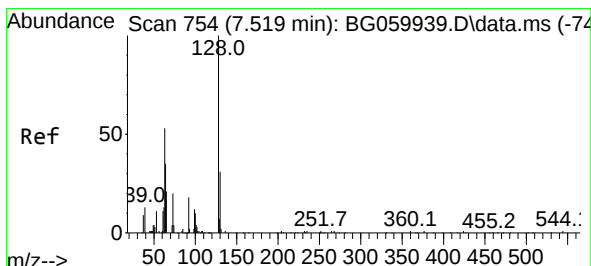
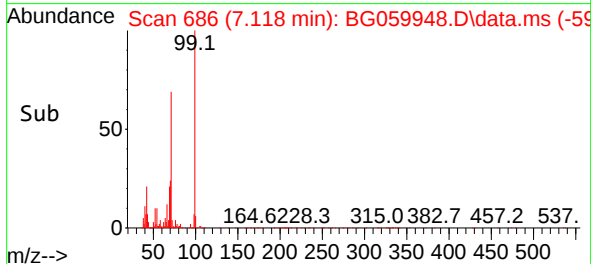
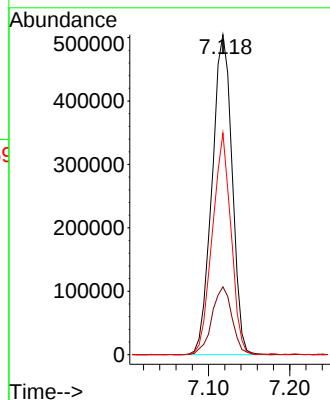
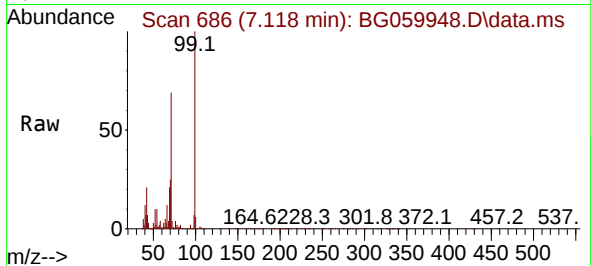
Tgt Ion: 99 Resp: 866262

Ion Ratio Lower Upper

99 100

42 21.2 20.1 30.1

71 69.2 53.8 80.6



#8

2-Chlorophenol

Concen: 50.552 ng

RT: 7.523 min Scan# 755

Delta R.T. 0.004 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

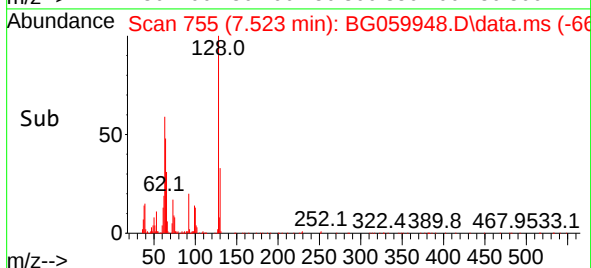
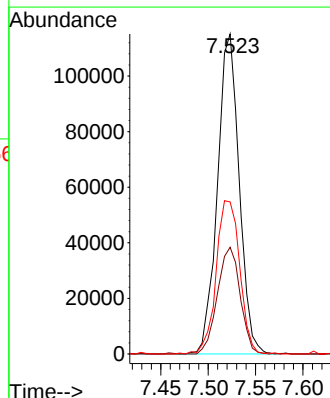
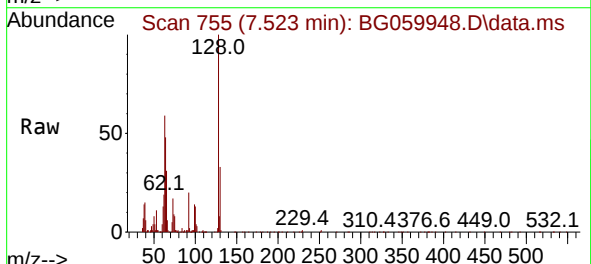
Tgt Ion:128 Resp: 183514

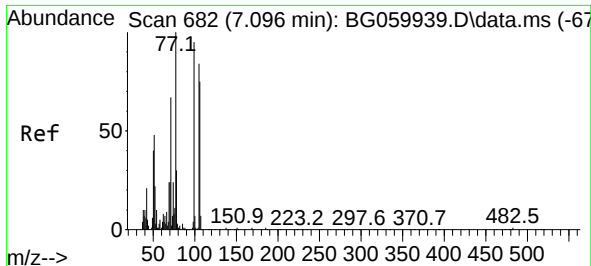
Ion Ratio Lower Upper

128 100

130 33.4 10.9 50.9

64 47.5 30.3 70.3

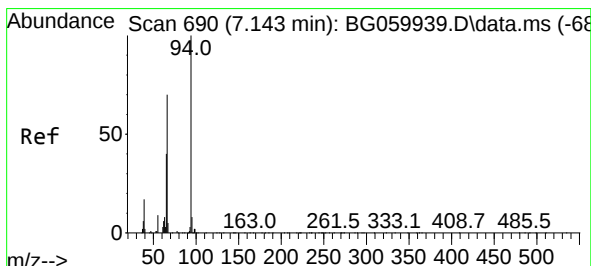
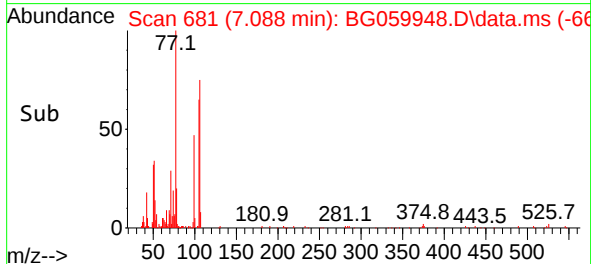
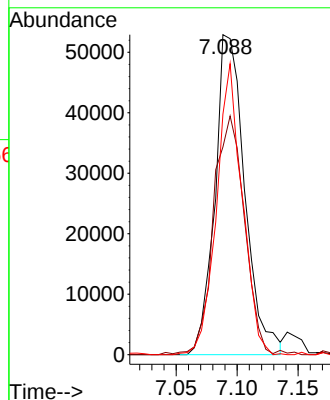
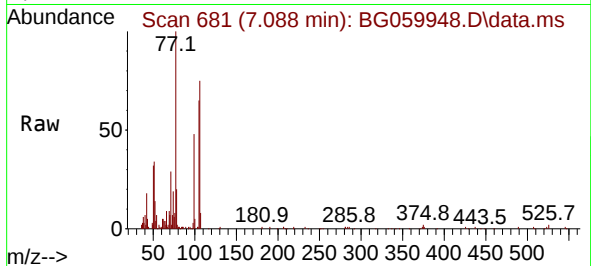




#9
Benzaldehyde
Concen: 20.731 ng
RT: 7.088 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

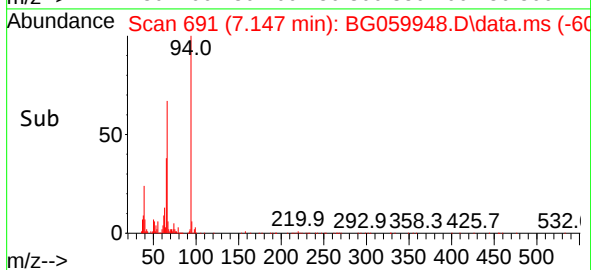
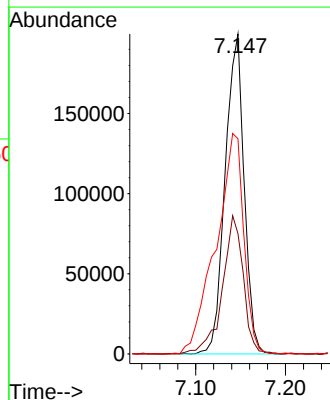
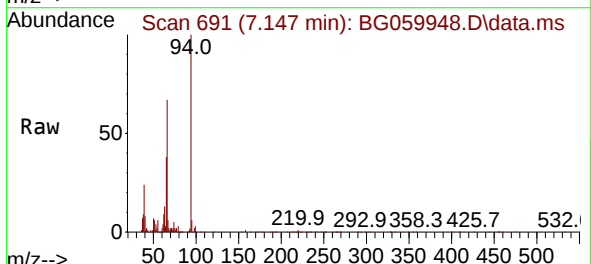
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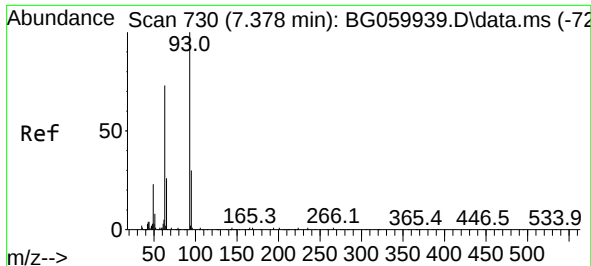
Tgt Ion: 77 Resp: 90334
Ion Ratio Lower Upper
77 100
105 64.9 64.2 104.2
106 75.2 55.6 95.6



#10
Phenol
Concen: 49.948 ng
RT: 7.147 min Scan# 691
Delta R.T. 0.004 min
Lab File: BG059948.D
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Tgt Ion: 94 Resp: 293052
Ion Ratio Lower Upper
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65 37.6 20.6 60.6
66 67.3 52.1 92.1

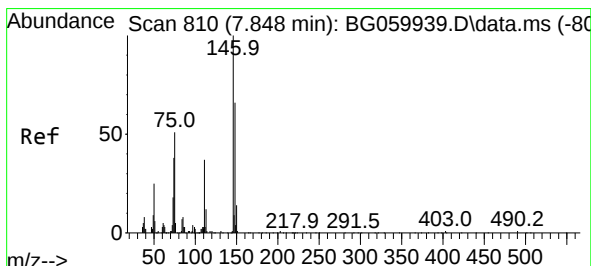
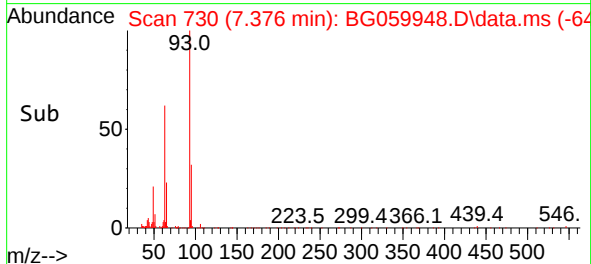
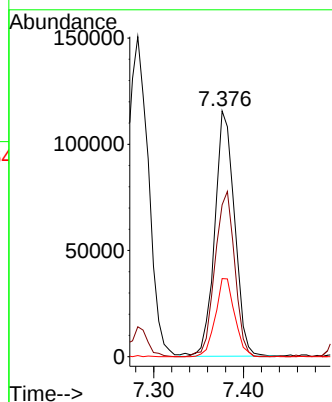
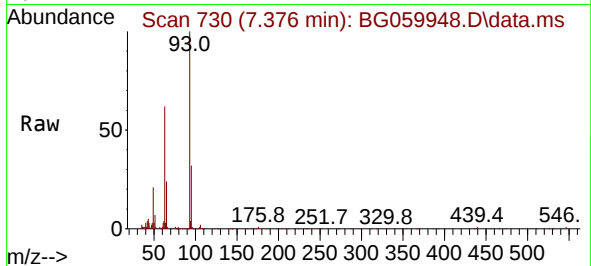




#11
bis(2-Chloroethyl)ether
Concen: 43.326 ng
RT: 7.376 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

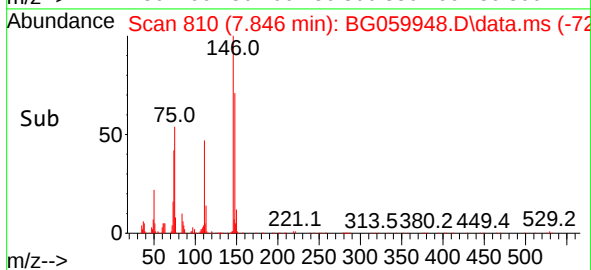
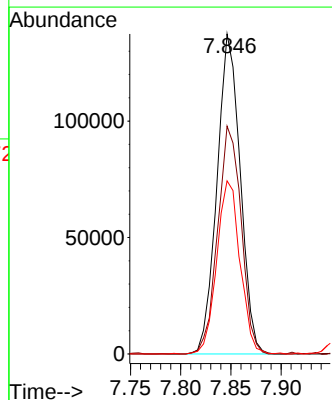
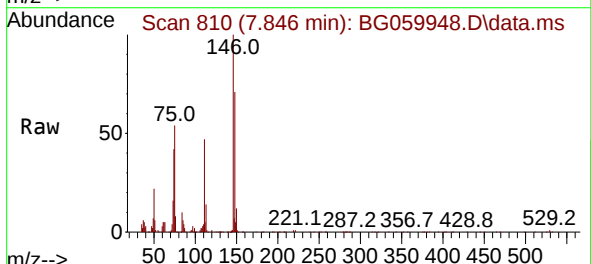
Instrument :
BNA_G
ClientSampleId :
PB157473BS

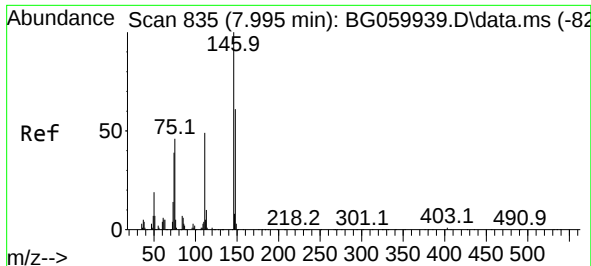
Tgt Ion: 93 Resp: 176899
Ion Ratio Lower Upper
93 100
63 61.8 52.9 92.9
95 31.8 9.9 49.9



#12
1,3-Dichlorobenzene
Concen: 42.298 ng
RT: 7.846 min Scan# 810
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:146 Resp: 220987
Ion Ratio Lower Upper
146 100
148 71.2 52.9 79.3
75 54.1 40.7 61.1

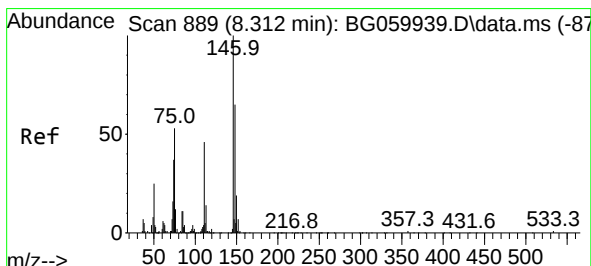
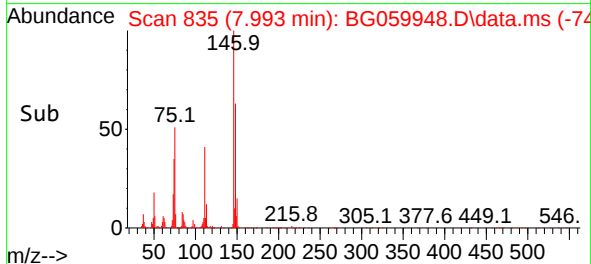
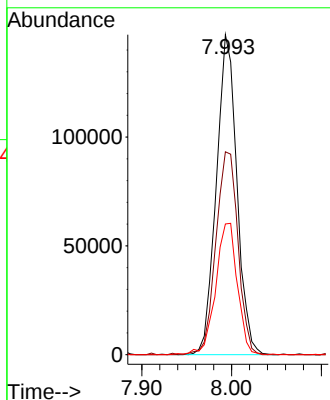
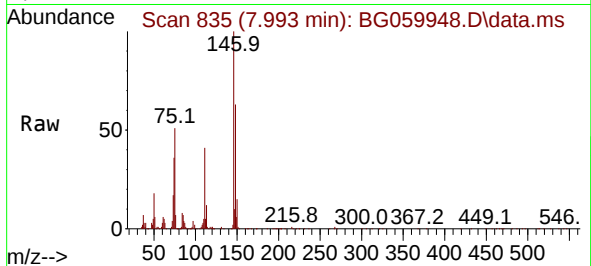




#13
1,4-Dichlorobenzene
Concen: 43.255 ng
RT: 7.993 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

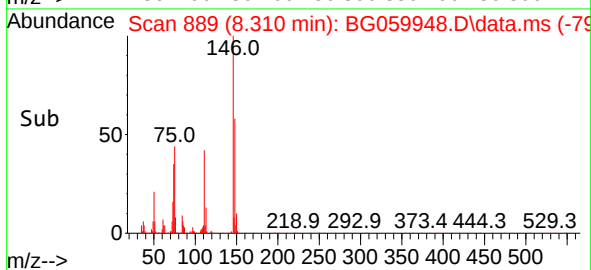
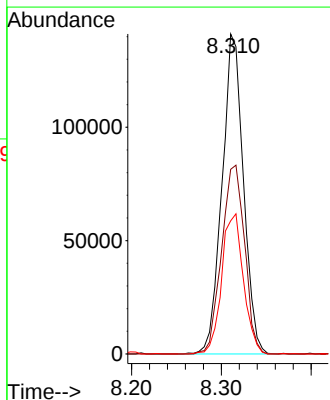
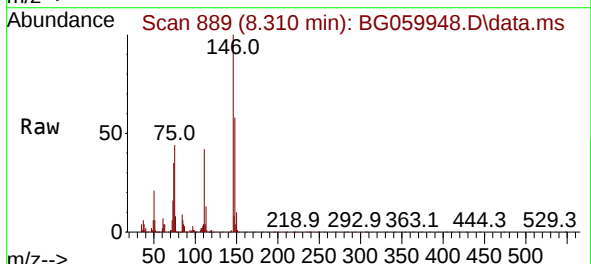
Instrument :
BNA_G
ClientSampleId :
PB157473BS

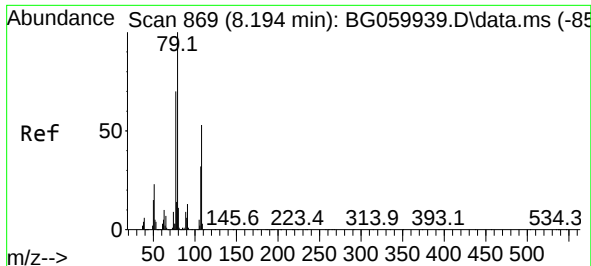
Tgt Ion:146 Resp: 233940
Ion Ratio Lower Upper
146 100
148 63.4 48.8 73.2
111 40.9 39.1 58.7



#14
1,2-Dichlorobenzene
Concen: 44.049 ng
RT: 8.310 min Scan# 889
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:146 Resp: 233555
Ion Ratio Lower Upper
146 100
148 57.7 52.4 78.6
111 41.6 36.7 55.1

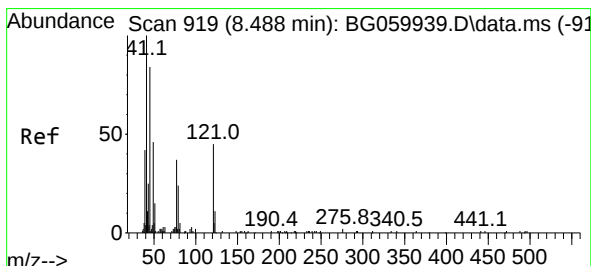
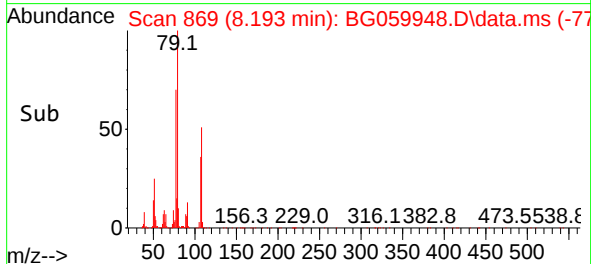
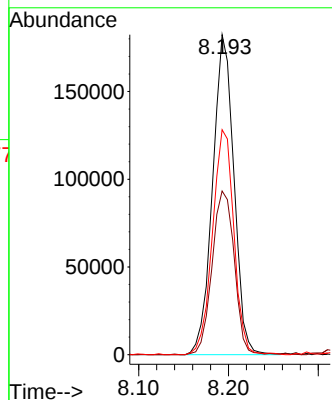
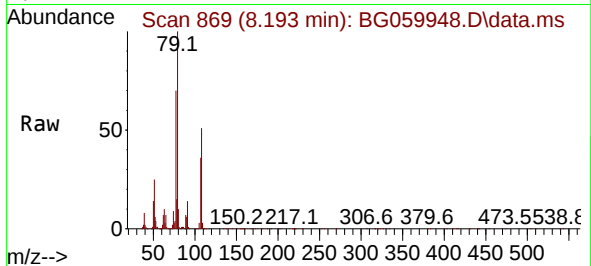




#15
Benzyl Alcohol
Concen: 51.802 ng
RT: 8.193 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

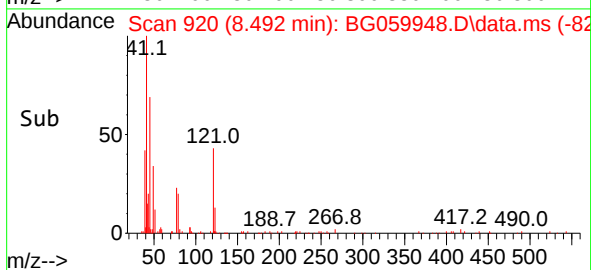
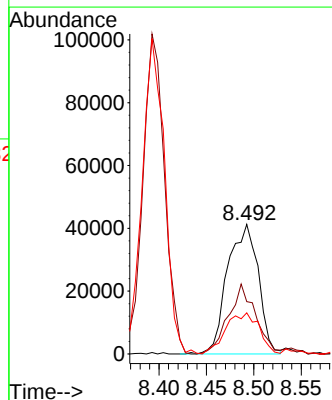
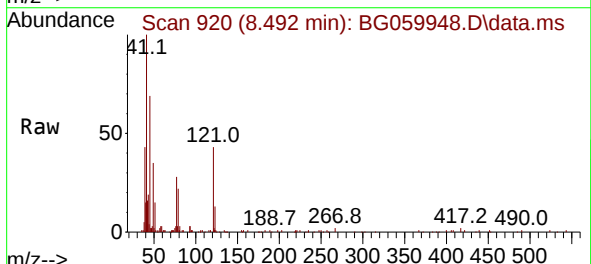
Instrument :
BNA_G
ClientSampleId :
PB157473BS

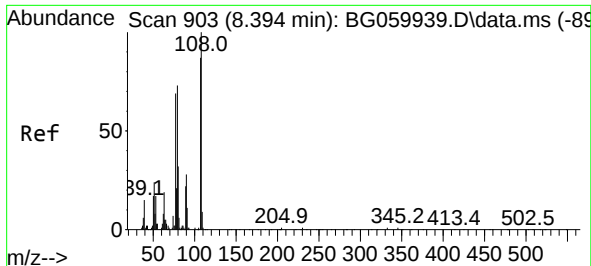
Tgt Ion: 79 Resp: 300270
Ion Ratio Lower Upper
79 100
108 51.2 42.7 64.1
77 70.3 56.3 84.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.480 ng
RT: 8.492 min Scan# 920
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion: 45 Resp: 93234
Ion Ratio Lower Upper
45 100
77 40.4 26.2 66.2
79 31.8 11.2 51.2





#17

2-Methylphenol

Concen: 49.724 ng

RT: 8.398 min Scan# 904

Delta R.T. 0.004 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

Instrument :

BNA_G

ClientSampleId :

PB157473BS

Tgt Ion:107 Resp: 196589

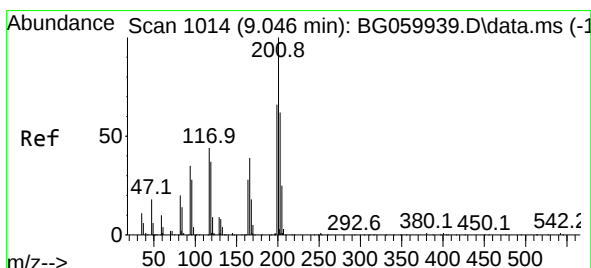
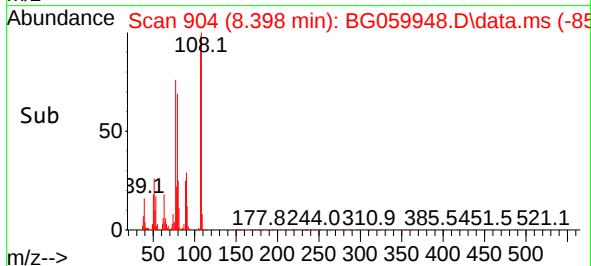
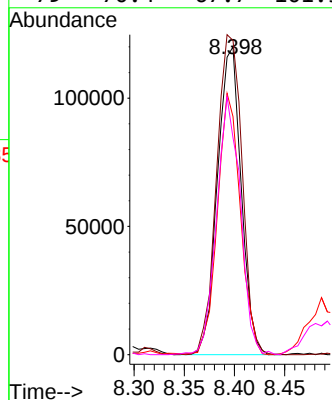
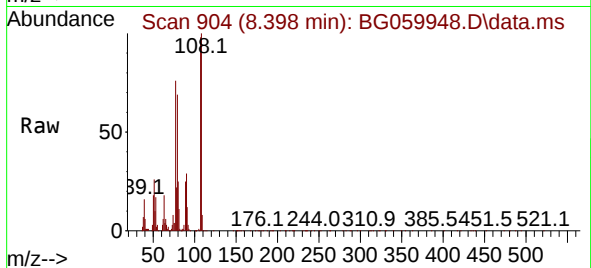
Ion Ratio Lower Upper

107 100

108 102.0 92.2 138.4

77 77.3 63.7 95.5

79 70.4 67.7 101.5



#18

Hexachloroethane

Concen: 41.226 ng

RT: 9.045 min Scan# 1014

Delta R.T. -0.001 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

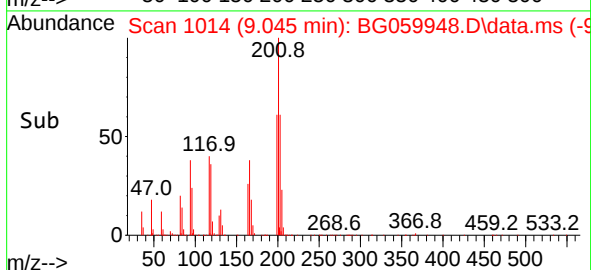
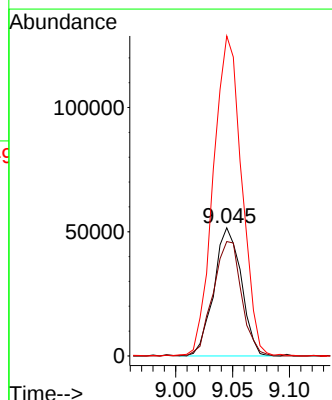
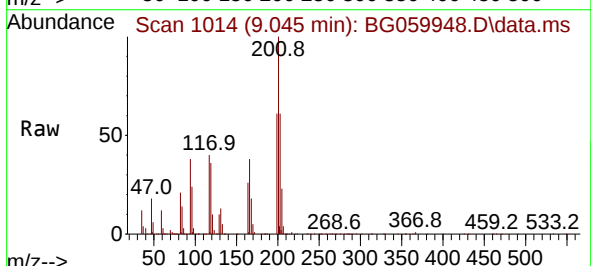
Tgt Ion:117 Resp: 86511

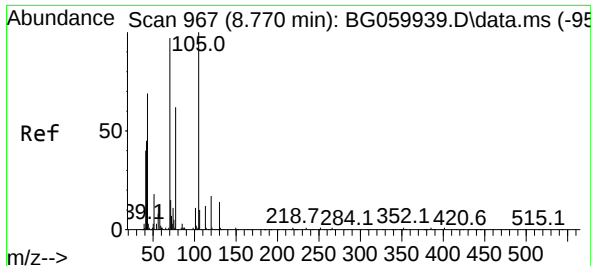
Ion Ratio Lower Upper

117 100

119 89.3 67.5 101.3

201 249.8 183.0 274.6

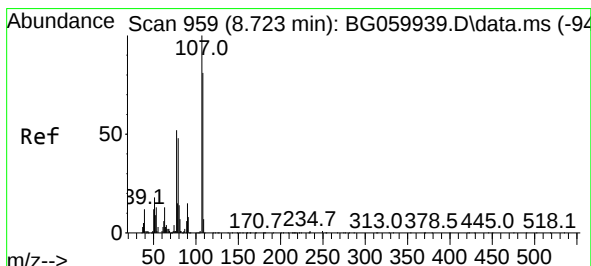
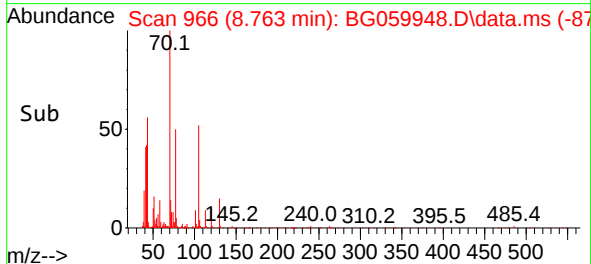
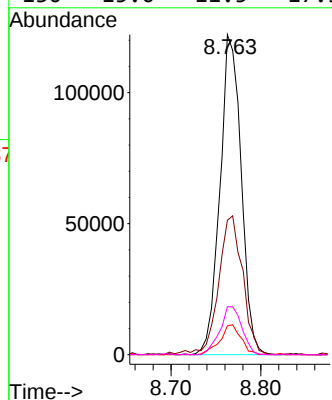
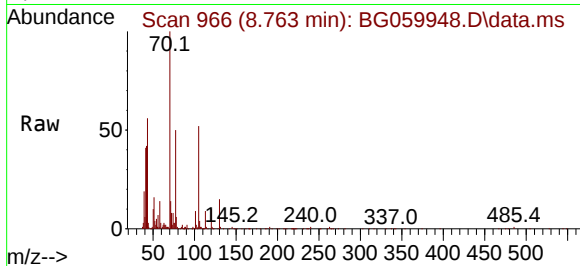




#19
n-Nitroso-di-n-propylamine
Concen: 45.565 ng
RT: 8.763 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

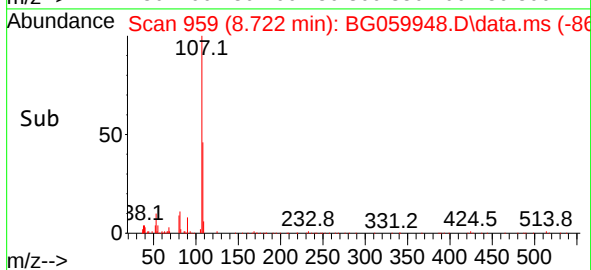
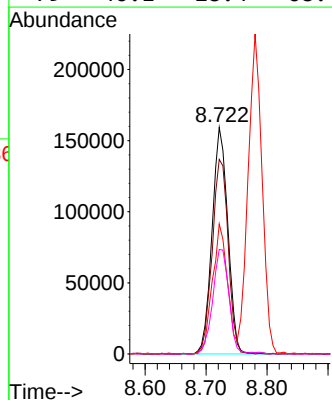
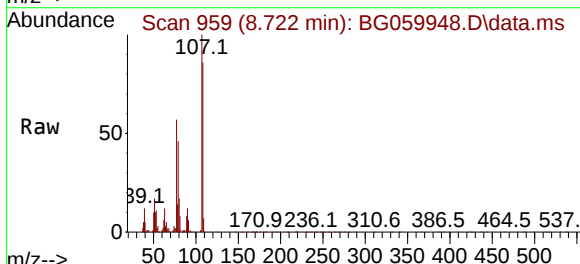
Instrument :
BNA_G
ClientSampleId :
PB157473BS

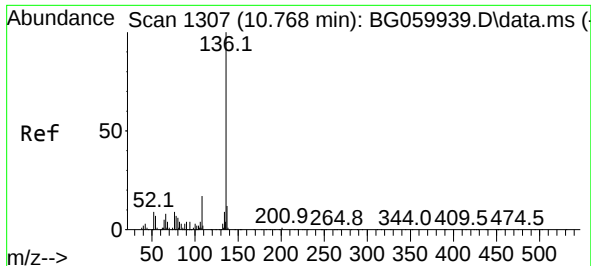
Tgt Ion: 70 Resp: 200297
Ion Ratio Lower Upper
70 100
42 42.0 38.1 57.1
101 9.0 8.6 13.0
130 15.0 11.5 17.3



#20
3+4-Methylphenols
Concen: 51.042 ng
RT: 8.722 min Scan# 959
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion: 107 Resp: 286356
Ion Ratio Lower Upper
107 100
108 85.9 60.7 100.7
77 57.4 32.2 72.2
79 46.1 28.4 68.4

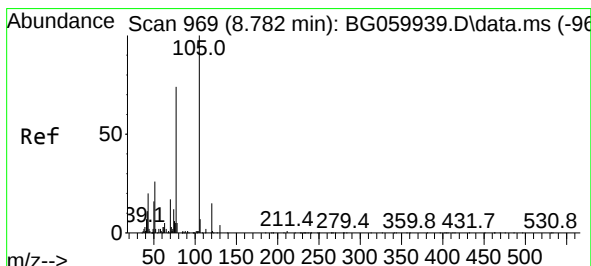
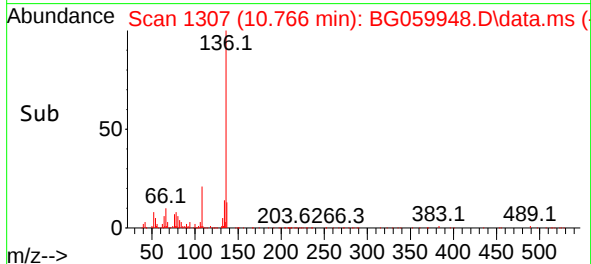
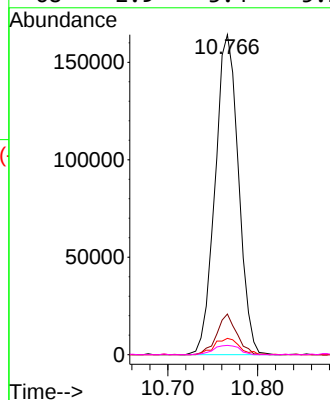
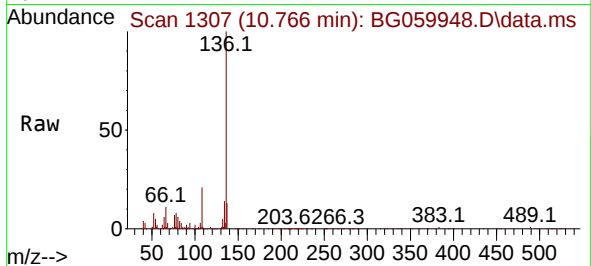




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.766 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

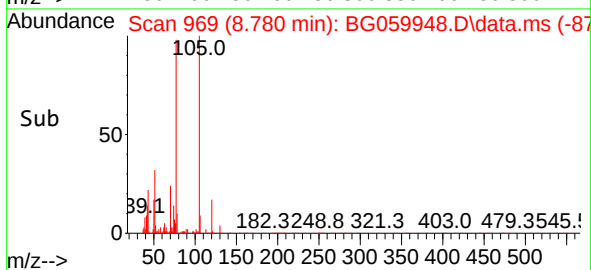
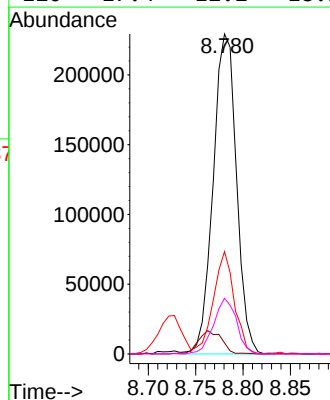
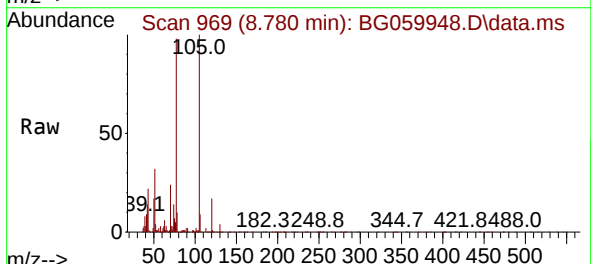
Instrument :
BNA_G
ClientSampleId :
PB157473BS

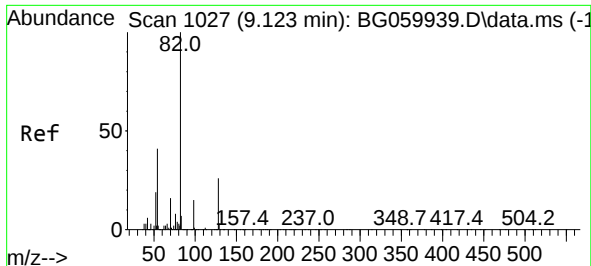
Tgt Ion:	136	Resp:	295851
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.8	14.6
54	5.1	5.8	8.6#
68	2.9	3.4	5.2#



#22
Acetophenone
Concen: 41.605 ng
RT: 8.780 min Scan# 969
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:	105	Resp:	393338
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.0	4.4
51	32.0	24.4	36.6
120	17.4	12.2	18.2

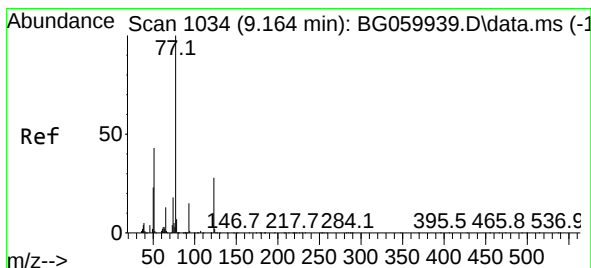
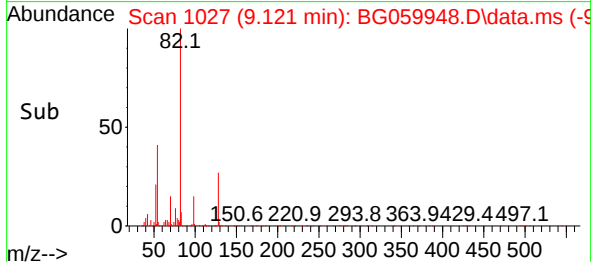
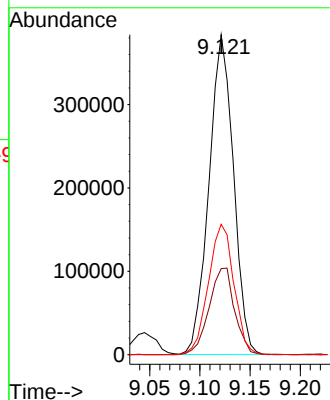
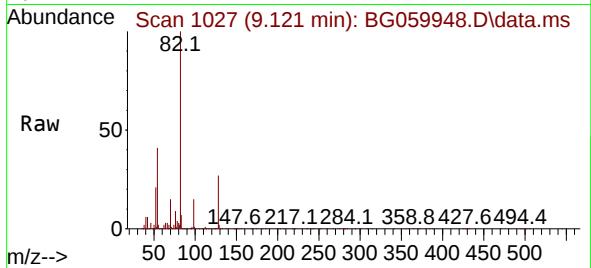




#23
Nitrobenzene-d5
Concen: 78.681 ng
RT: 9.121 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

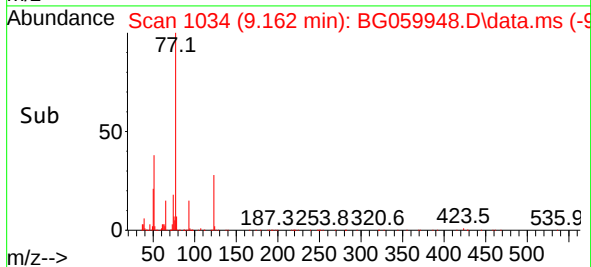
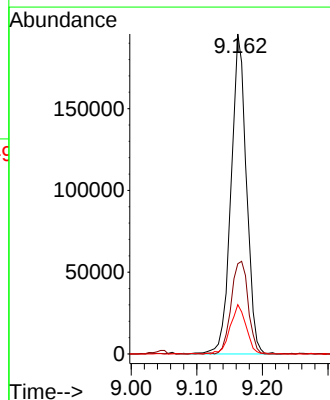
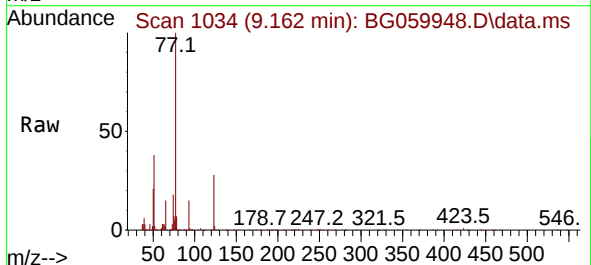
Instrument :
BNA_G
ClientSampleId :
PB157473BS

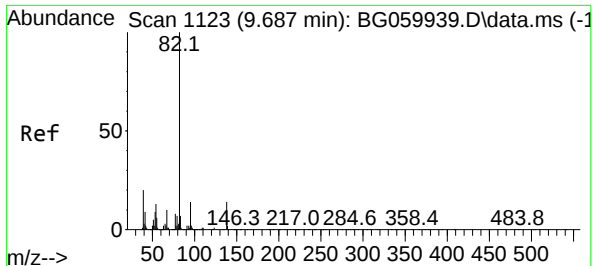
Tgt Ion: 82 Resp: 651187
Ion Ratio Lower Upper
82 100
128 26.9 21.0 31.6
54 40.8 32.6 48.8



#24
Nitrobenzene
Concen: 38.440 ng
RT: 9.162 min Scan# 1034
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion: 77 Resp: 318342
Ion Ratio Lower Upper
77 100
123 28.2 22.7 34.1
65 15.4 10.6 16.0

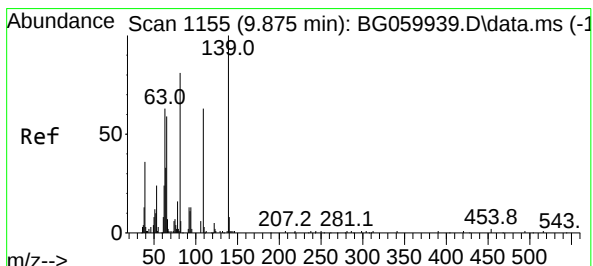
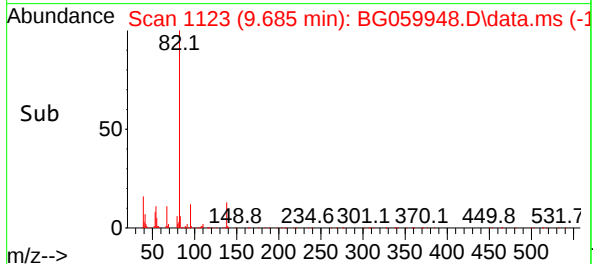
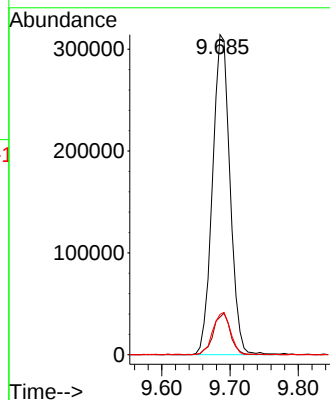
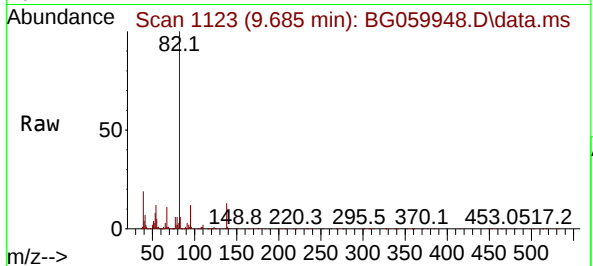




#25
Isophorone
Concen: 39.436 ng
RT: 9.685 min Scan# 1123
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

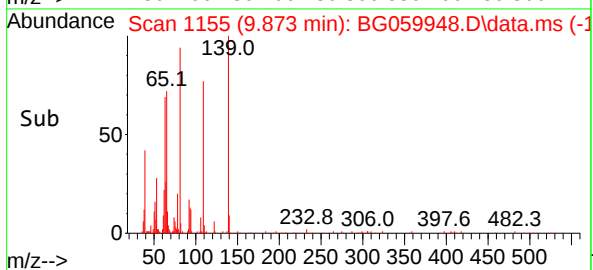
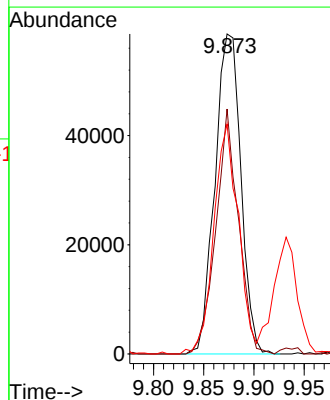
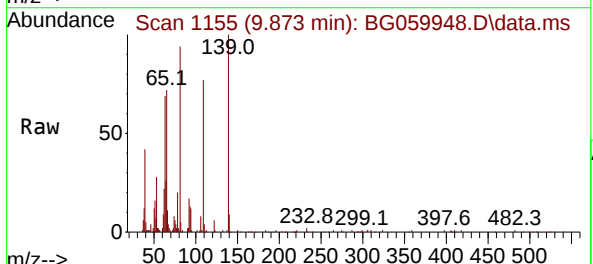
Instrument :
BNA_G
ClientSampleId :
PB157473BS

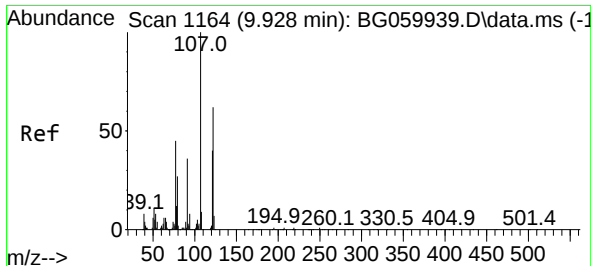
Tgt Ion: 82 Resp: 561148
Ion Ratio Lower Upper
82 100
95 11.7 11.2 16.8
138 12.6 11.0 16.4



#26
2-Nitrophenol
Concen: 40.016 ng
RT: 9.873 min Scan# 1155
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion: 139 Resp: 105385
Ion Ratio Lower Upper
139 100
109 76.6 50.2 75.2#
65 71.9 46.8 70.2#





#27

2,4-Dimethylphenol

Concen: 55.985 ng

RT: 9.932 min Scan# 1165

Delta R.T. 0.004 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

Instrument :

BNA_G

ClientSampleId :

PB157473BS

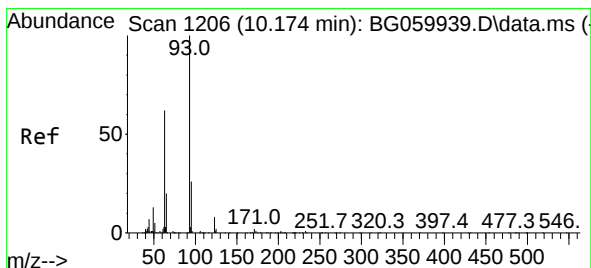
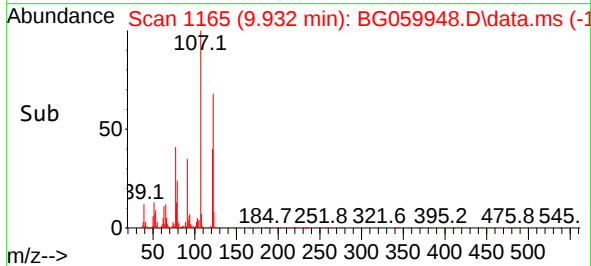
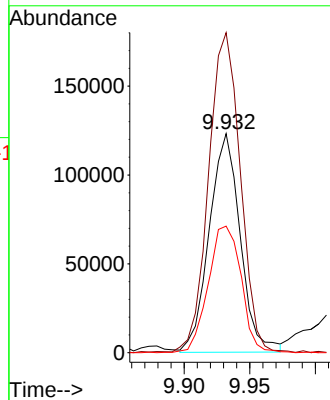
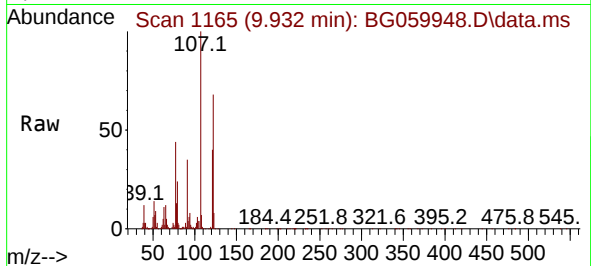
Tgt Ion:122 Resp: 202384

Ion Ratio Lower Upper

122 100

107 146.1 126.1 189.1

121 57.8 50.3 75.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.002 ng

RT: 10.173 min Scan# 1206

Delta R.T. -0.001 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

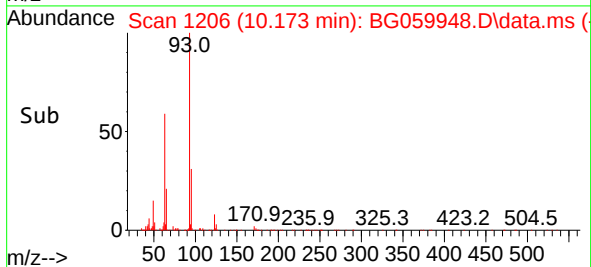
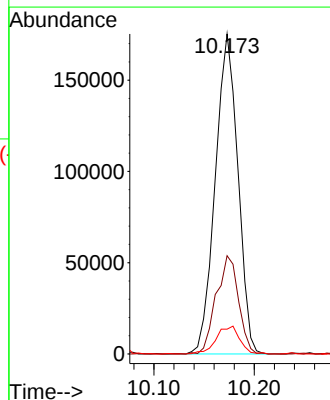
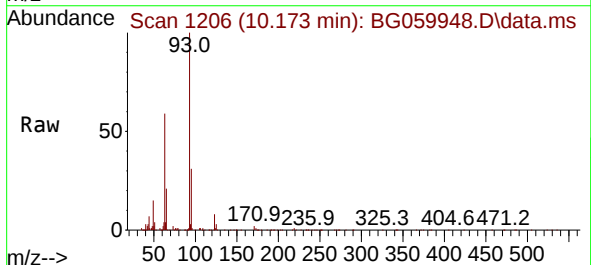
Tgt Ion: 93 Resp: 274110

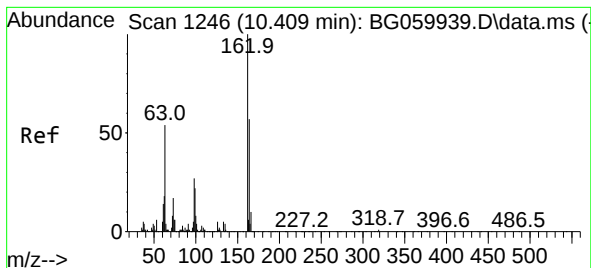
Ion Ratio Lower Upper

93 100

95 30.7 21.0 31.4

123 7.8 6.7 10.1

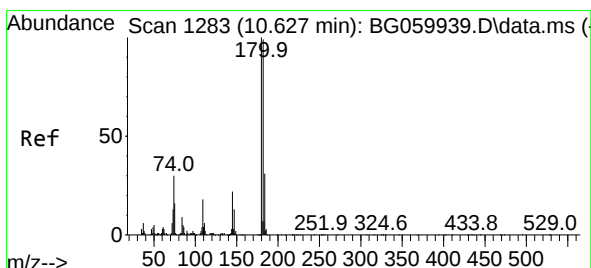
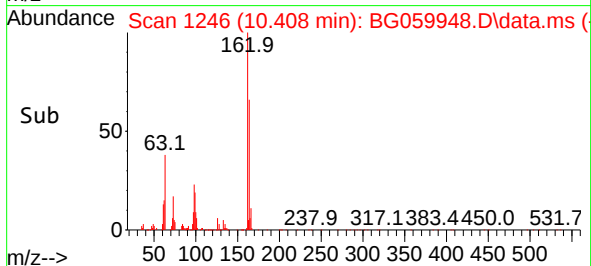
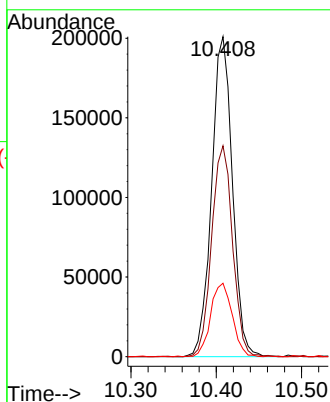
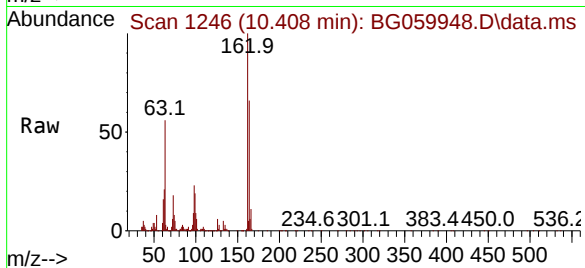




#29
2,4-Dichlorophenol
Concen: 47.334 ng
RT: 10.408 min Scan# 1246
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

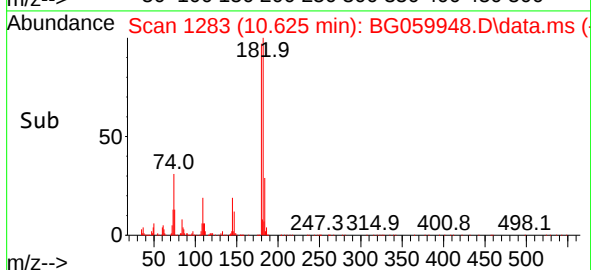
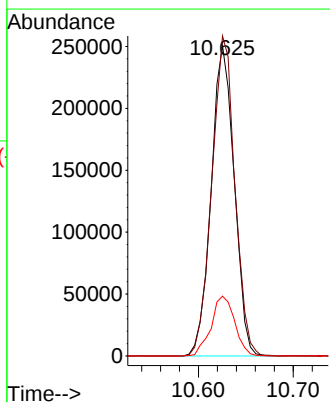
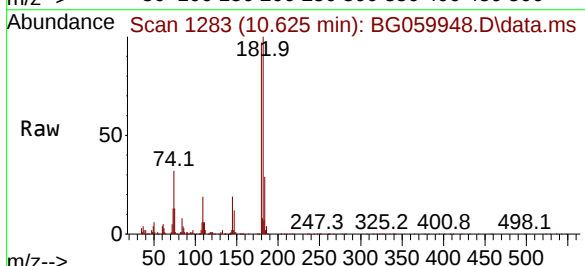
Instrument :
BNA_G
ClientSampleId :
PB157473BS

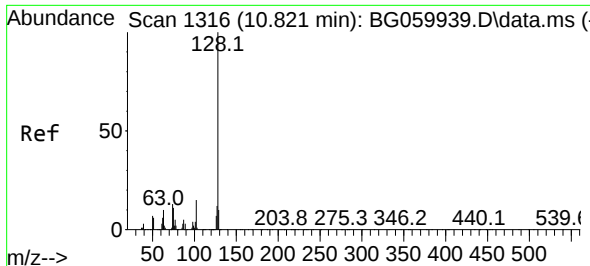
Tgt Ion:162 Resp: 340696
Ion Ratio Lower Upper
162 100
164 65.9 36.7 76.7
98 23.0 7.4 47.4



#30
1,2,4-Trichlorobenzene
Concen: 40.250 ng
RT: 10.625 min Scan# 1283
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:180 Resp: 422461
Ion Ratio Lower Upper
180 100
182 103.1 79.0 118.6
145 19.3 17.4 26.0

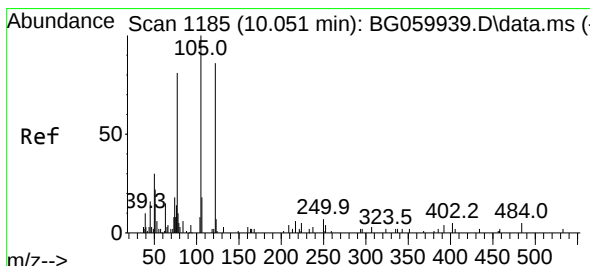
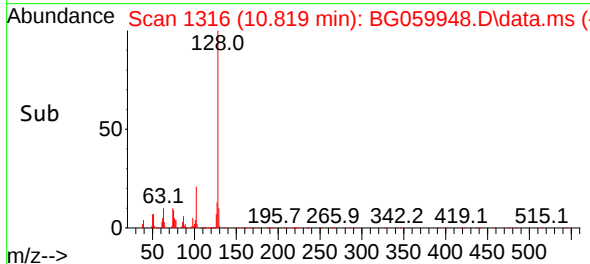
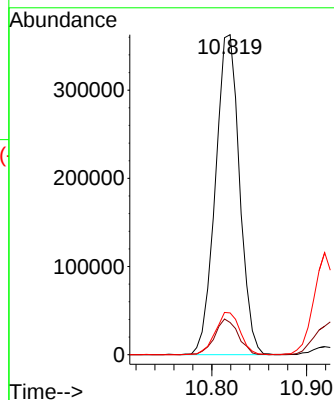
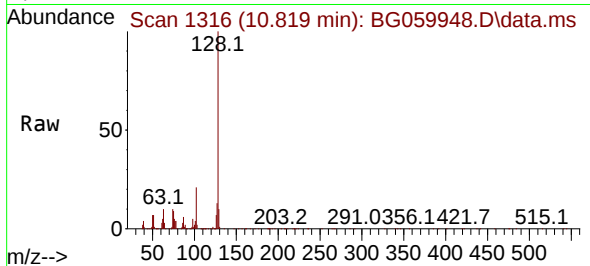




#31
Naphthalene
Concen: 42.205 ng
RT: 10.819 min Scan# 1118
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

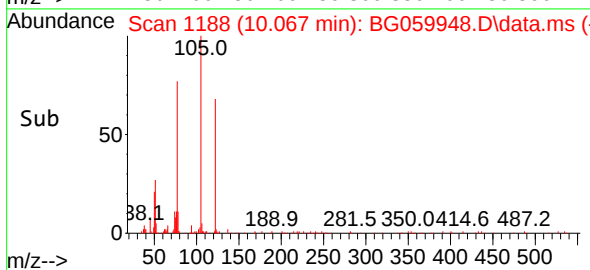
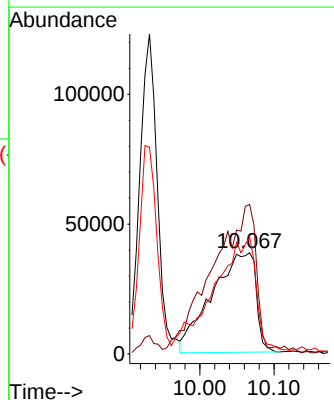
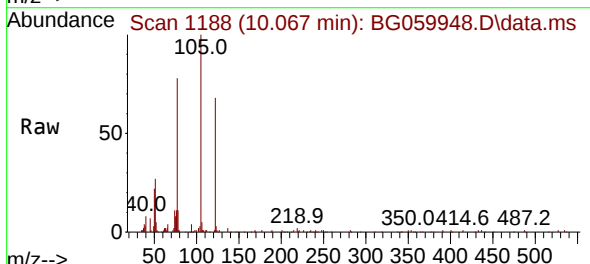
Instrument :
BNA_G
ClientSampleId :
PB157473BS

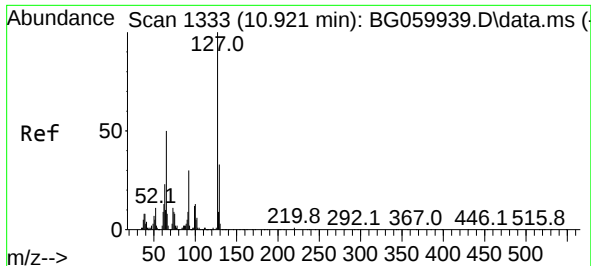
Tgt Ion:128 Resp: 641838
Ion Ratio Lower Upper
128 100
129 10.1 7.6 11.4
127 13.1 9.9 14.9



#32
Benzoic acid
Concen: 45.905 ng
RT: 10.067 min Scan# 1188
Delta R.T. 0.016 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:122 Resp: 158242
Ion Ratio Lower Upper
122 100
105 147.7 123.9 163.9
77 115.5 94.6 134.6

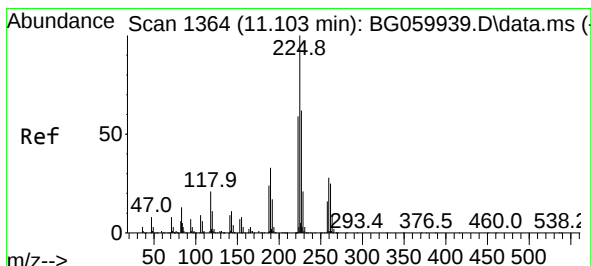
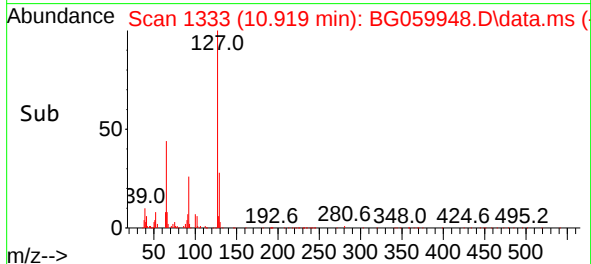
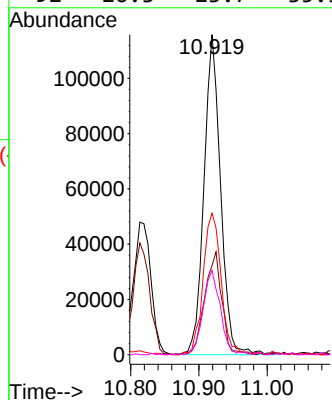
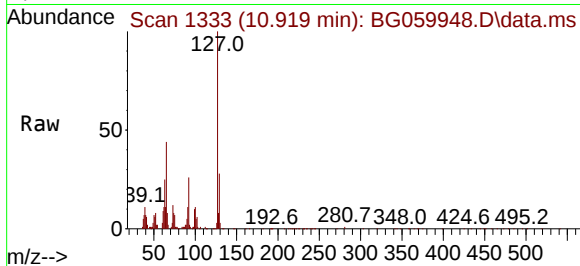




#33
4-Chloroaniline
Concen: 33.167 ng
RT: 10.919 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

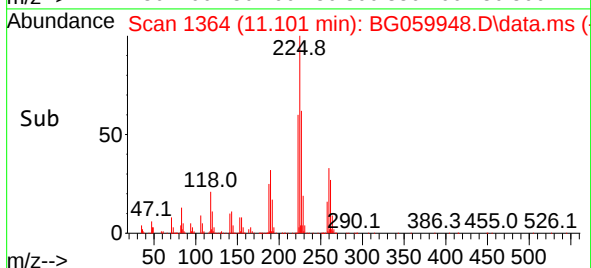
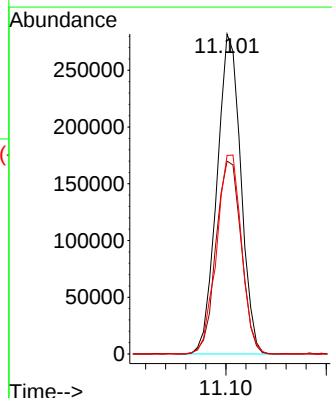
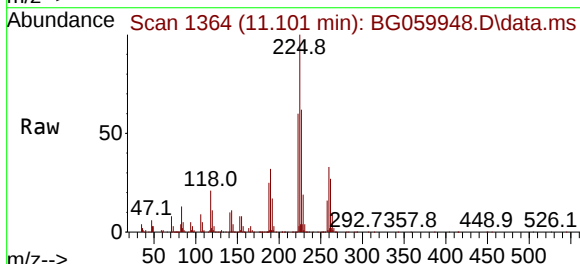
Instrument :
BNA_G
ClientSampleId :
PB157473BS

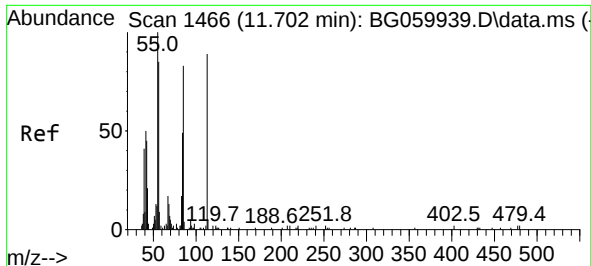
Tgt Ion:	127	Resp:	196712
Ion	Ratio	Lower	Upper
127	100		
129	27.8	26.6	40.0
65	44.2	40.4	60.6
92	26.3	23.7	35.5



#34
Hexachlorobutadiene
Concen: 39.490 ng
RT: 11.101 min Scan# 1364
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:	225	Resp:	464713
Ion	Ratio	Lower	Upper
225	100		
223	57.9	47.0	70.6
227	59.6	50.2	75.4

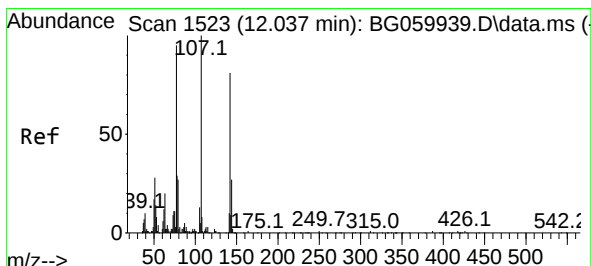
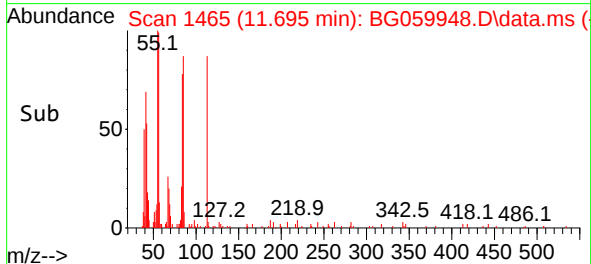
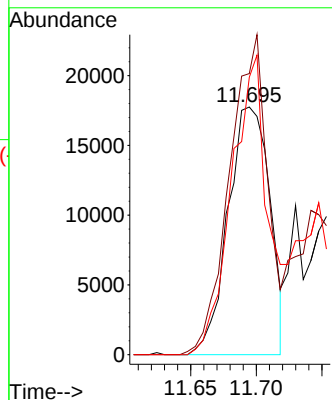
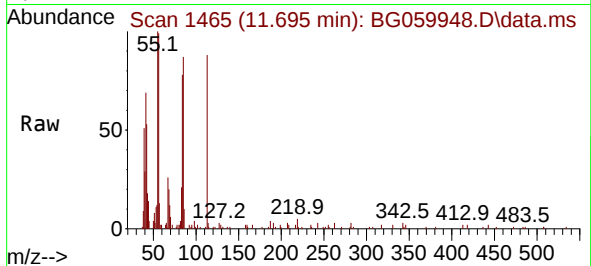




#35
 Caprolactam
 Concen: 26.034 ng
 RT: 11.695 min Scan# 1465
 Delta R.T. -0.007 min
 Lab File: BG059948.D
 Acq: 5 Dec 2023 13:59

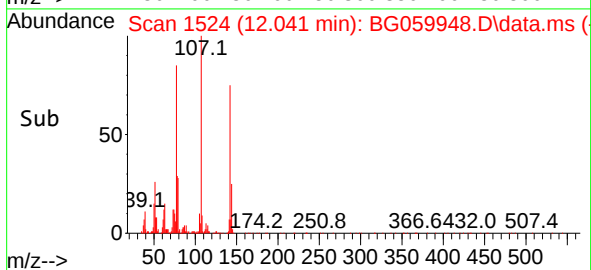
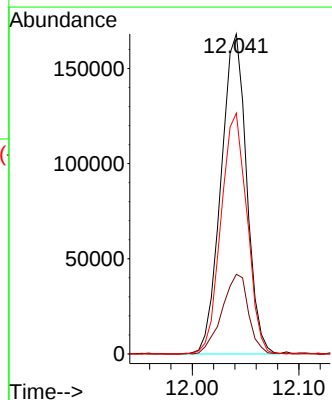
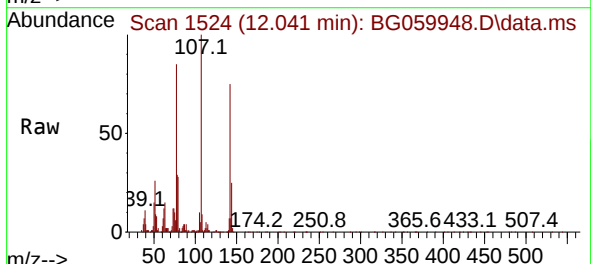
Instrument :
 BNA_G
 ClientSampleId :
 PB157473BS

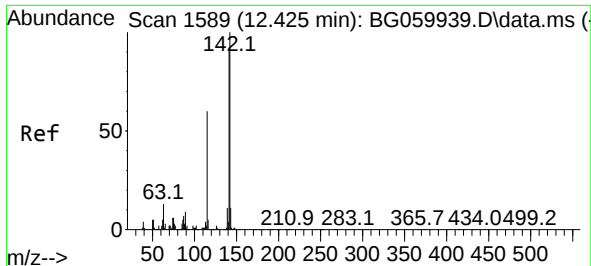
Tgt Ion:113 Resp: 39410
 Ion Ratio Lower Upper
 113 100
 55 113.5 93.5 133.5
 56 112.0 74.9 114.9



#36
 4-Chloro-3-methylphenol
 Concen: 47.254 ng
 RT: 12.041 min Scan# 1524
 Delta R.T. 0.004 min
 Lab File: BG059948.D
 Acq: 5 Dec 2023 13:59

Tgt Ion:107 Resp: 280088
 Ion Ratio Lower Upper
 107 100
 144 24.9 21.6 32.4
 142 75.2 64.6 97.0





#37

2-Methylnaphthalene

Concen: 43.032 ng

RT: 12.423 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

Instrument :

BNA_G

ClientSampleId :

PB157473BS

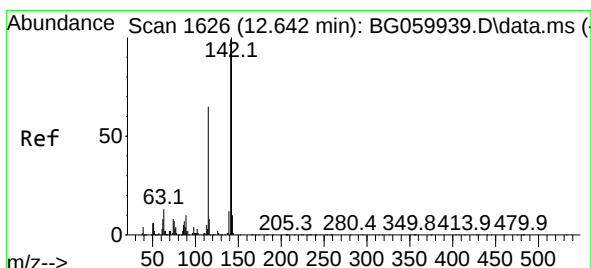
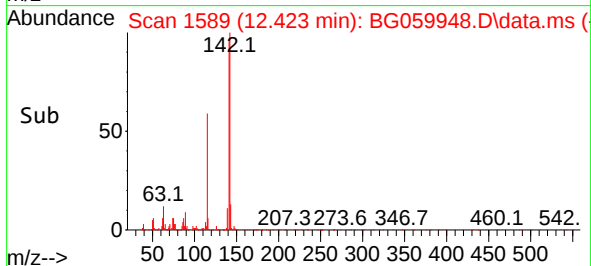
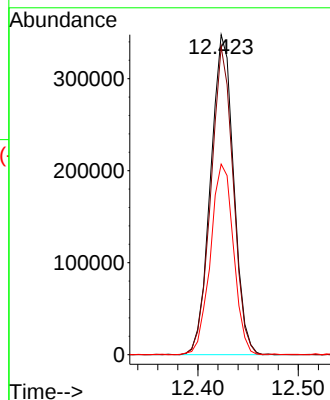
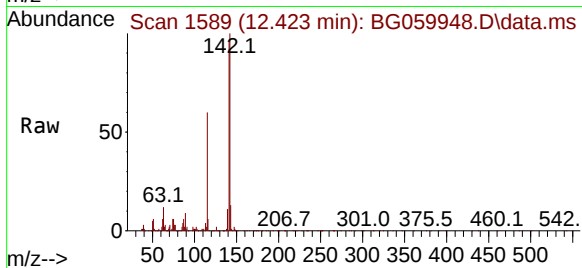
Tgt Ion:142 Resp: 555466

Ion Ratio Lower Upper

142 100

141 96.3 73.4 110.2

115 59.5 48.1 72.1



#38

1-Methylnaphthalene

Concen: 41.143 ng

RT: 12.646 min Scan# 1627

Delta R.T. 0.004 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

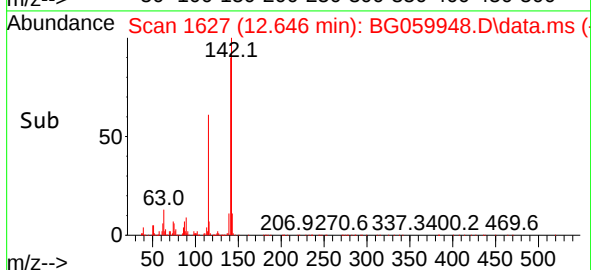
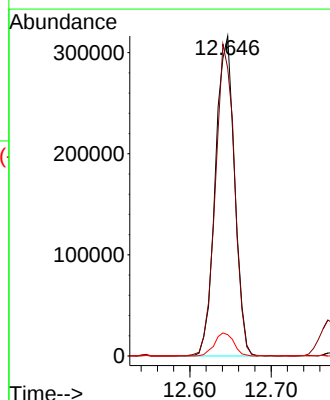
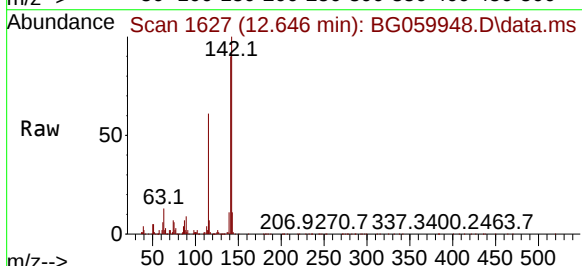
Tgt Ion:142 Resp: 518651

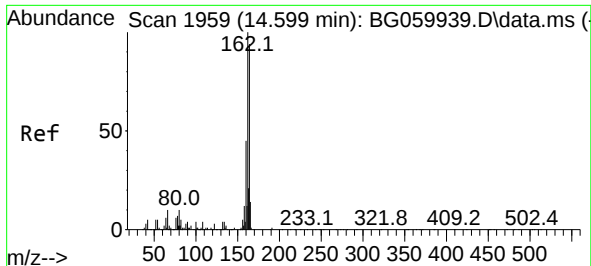
Ion Ratio Lower Upper

142 100

141 89.8 79.4 119.2

116 6.7 6.2 9.4

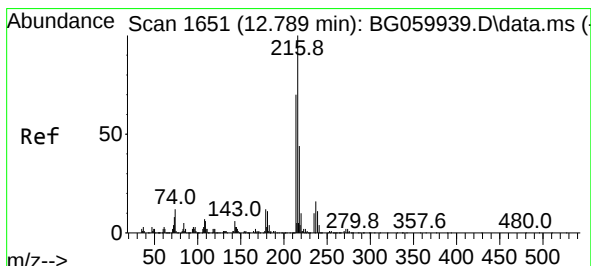
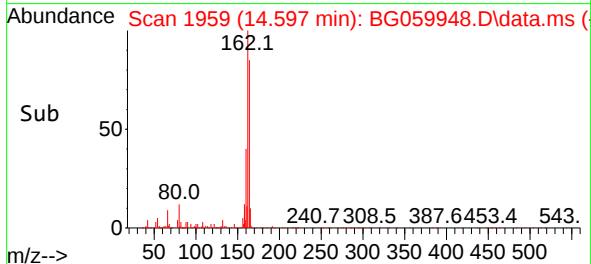
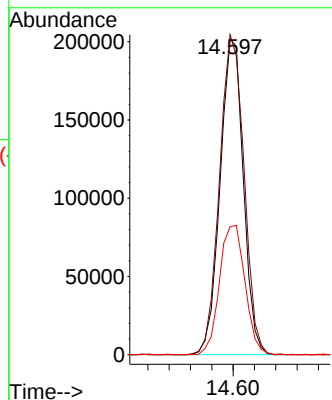
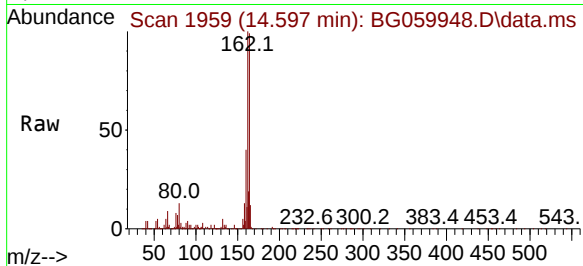




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.597 min Scan# 1959
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

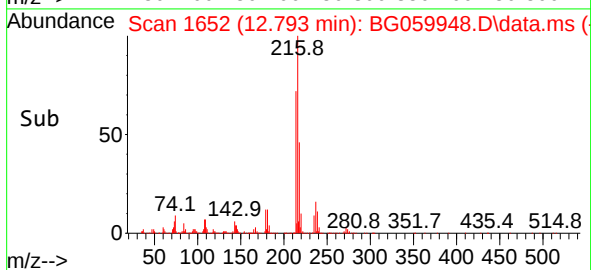
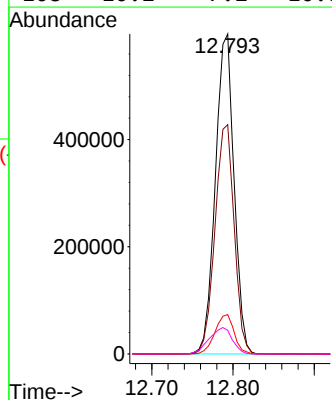
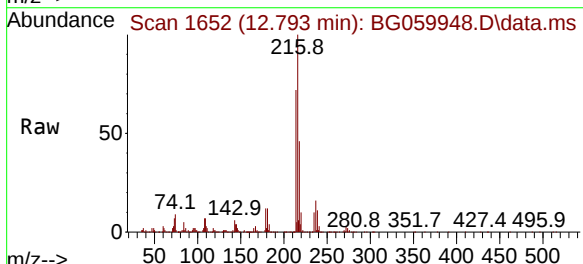
Instrument :
BNA_G
ClientSampleId :
PB157473BS

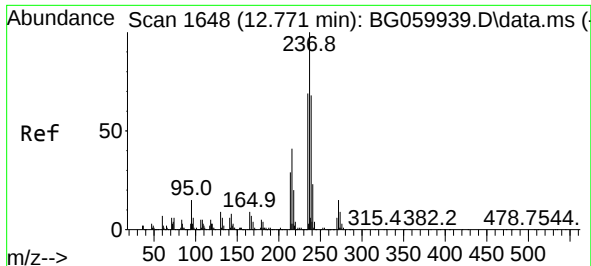
Tgt Ion:164 Resp: 304778
Ion Ratio Lower Upper
164 100
162 101.4 85.0 127.6
160 40.6 38.1 57.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.825 ng
RT: 12.793 min Scan# 1652
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:216 Resp: 953515
Ion Ratio Lower Upper
216 100
214 73.5 58.3 87.5
179 12.7 10.2 15.4
108 10.2 7.2 10.8

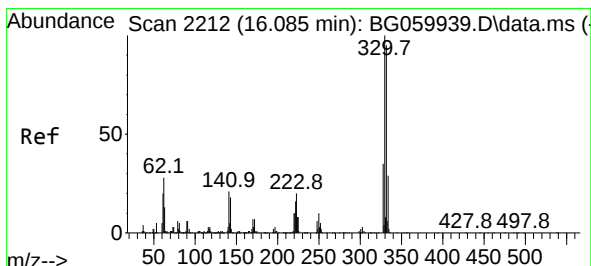
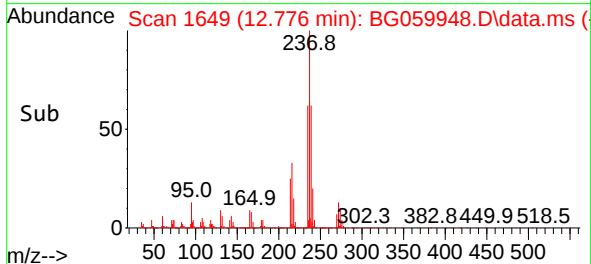
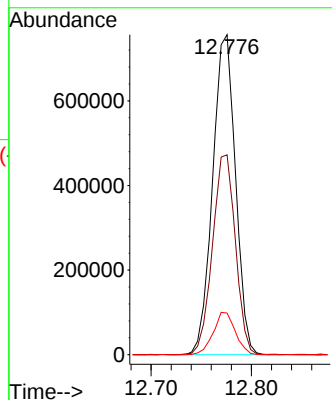
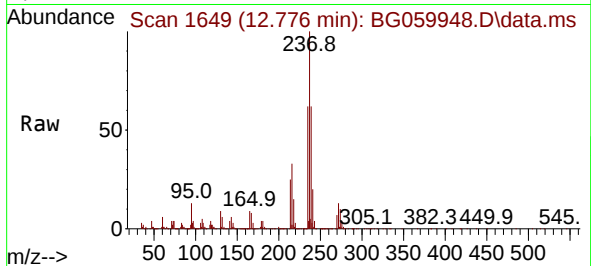




#41
Hexachlorocyclopentadiene
Concen: 108.297 ng
RT: 12.776 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

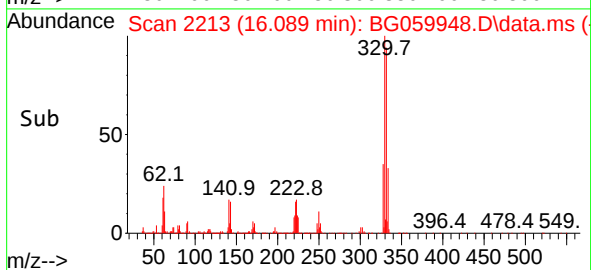
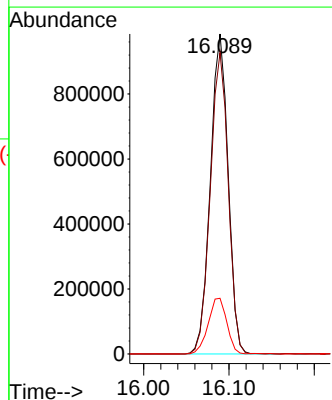
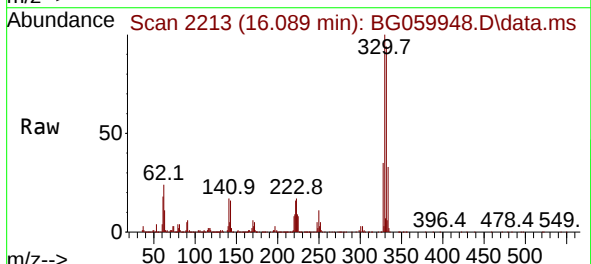
Instrument :
BNA_G
ClientSampleId :
PB157473BS

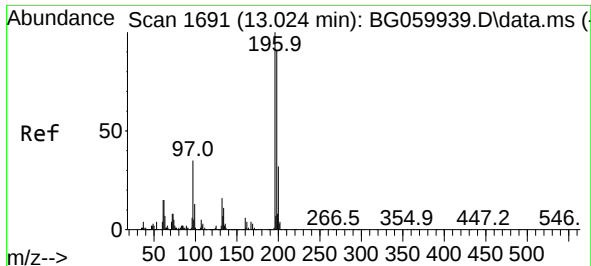
Tgt Ion:237 Resp: 1193939
Ion Ratio Lower Upper
237 100
235 62.4 49.4 89.4
272 13.0 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 145.266 ng
RT: 16.089 min Scan# 2213
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:330 Resp: 1424474
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 18.3 15.0 22.6

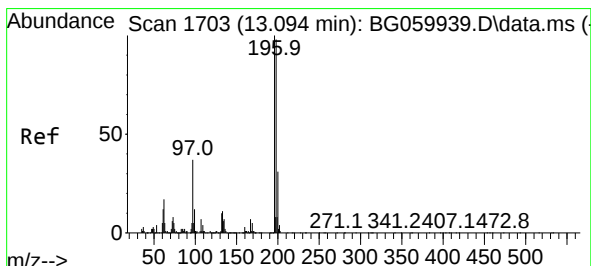
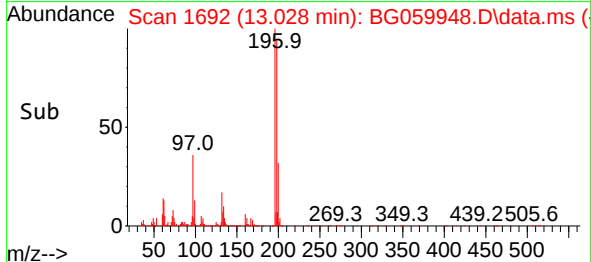
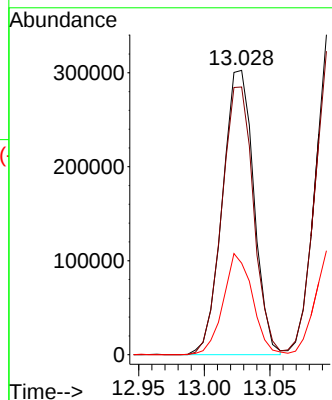
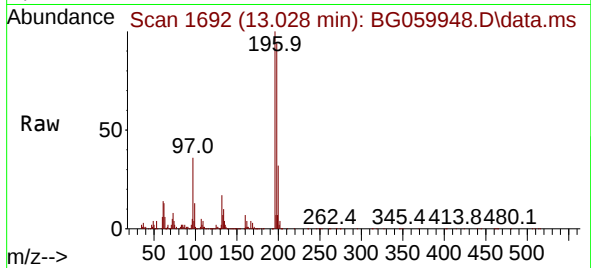




#43
2,4,6-Trichlorophenol
Concen: 45.187 ng
RT: 13.028 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

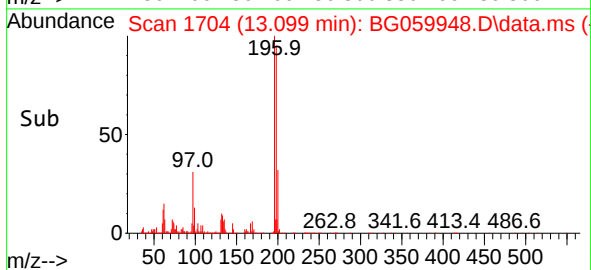
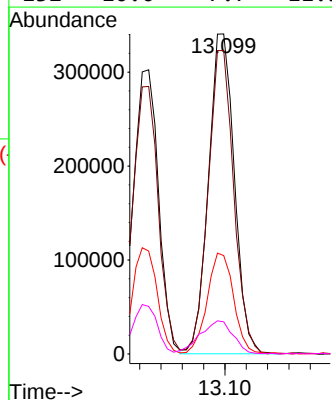
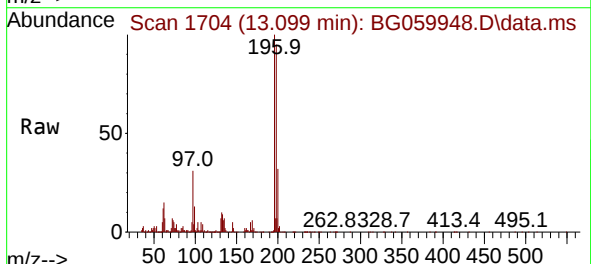
Instrument :
BNA_G
ClientSampleId :
PB157473BS

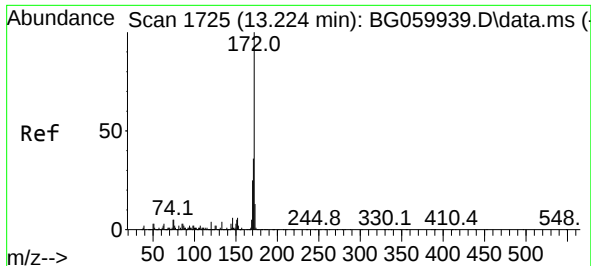
Tgt Ion:196 Resp: 503438
Ion Ratio Lower Upper
196 100
198 94.1 72.6 109.0
200 32.2 25.6 38.4



#44
2,4,5-Trichlorophenol
Concen: 46.863 ng
RT: 13.099 min Scan# 1704
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:196 Resp: 574127
Ion Ratio Lower Upper
196 100
198 94.8 78.3 117.5
97 30.7 30.2 45.4
132 10.0 7.7 11.5

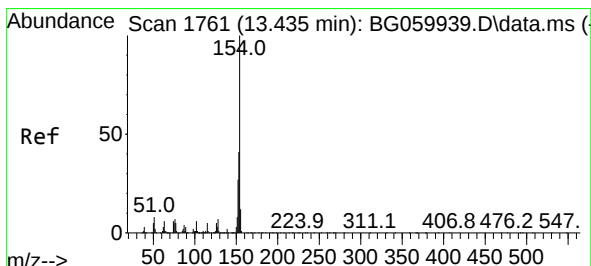
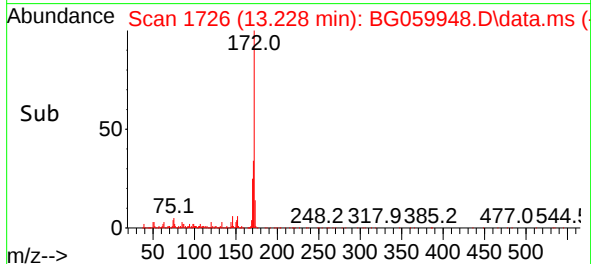
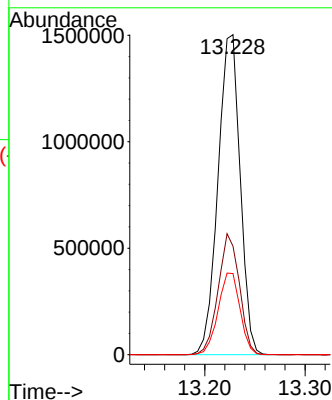
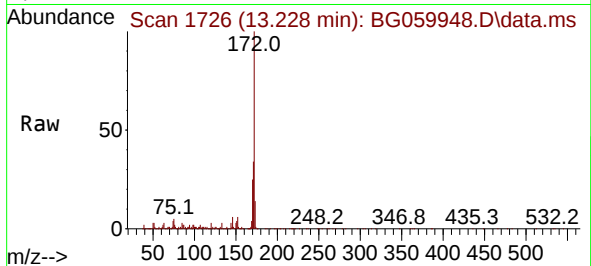




#45
2-Fluorobiphenyl
Concen: 82.499 ng
RT: 13.228 min Scan# 1725
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

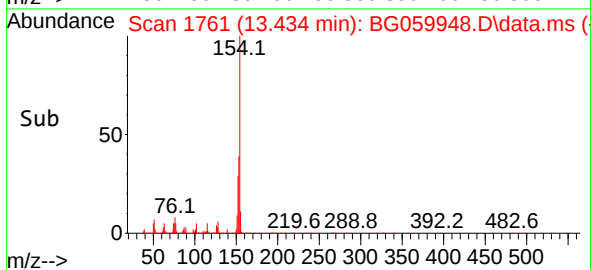
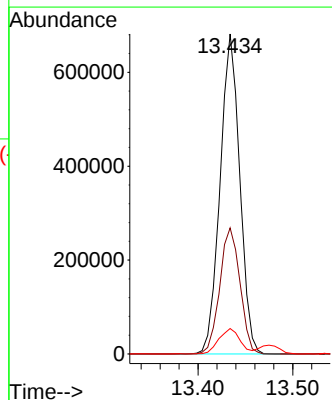
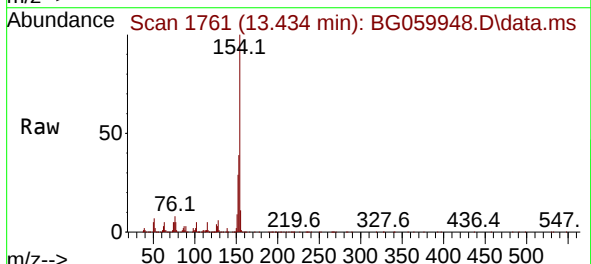
Instrument :
BNA_G
ClientSampleId :
PB157473BS

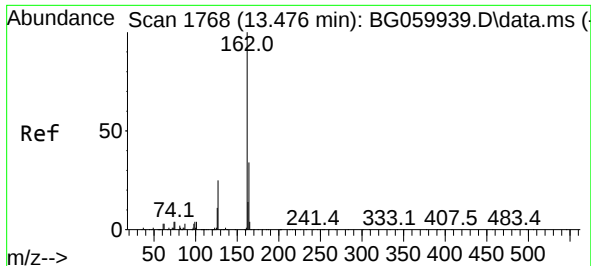
Tgt Ion:172 Resp: 2305315
Ion Ratio Lower Upper
172 100
171 33.9 28.6 43.0
170 25.4 19.8 29.8



#46
1,1'-Biphenyl
Concen: 44.137 ng
RT: 13.434 min Scan# 1761
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:154 Resp: 983080
Ion Ratio Lower Upper
154 100
153 39.4 20.8 60.8
76 8.0 0.0 27.4

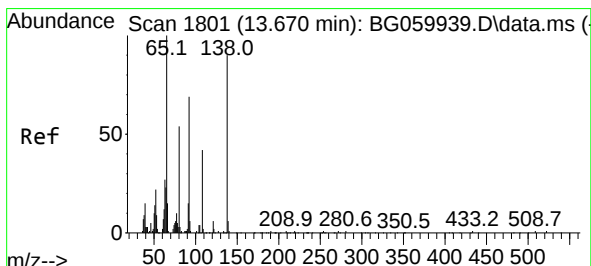
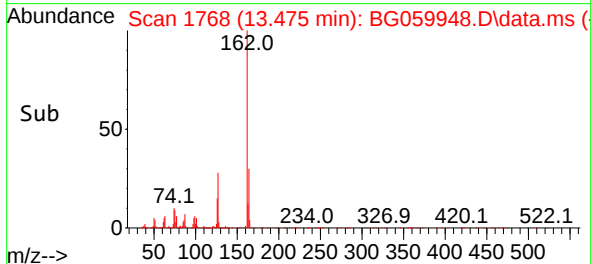
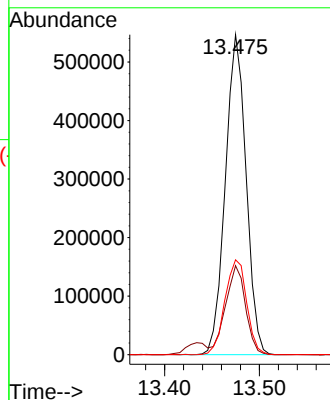
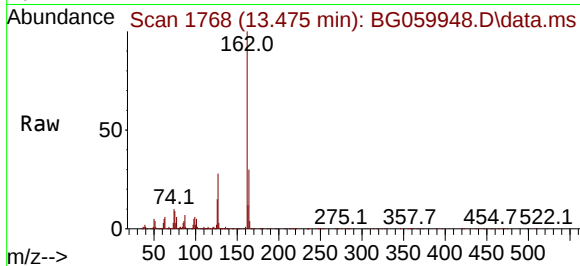




#47
2-Chloronaphthalene
Concen: 41.758 ng
RT: 13.475 min Scan# 1768
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

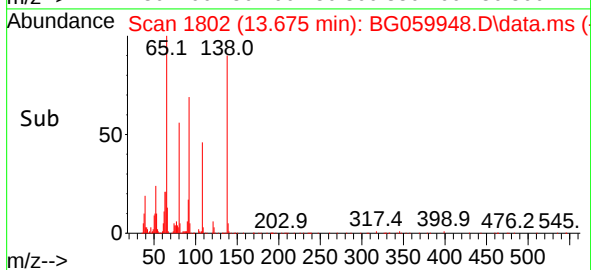
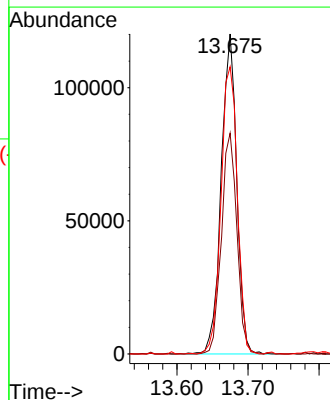
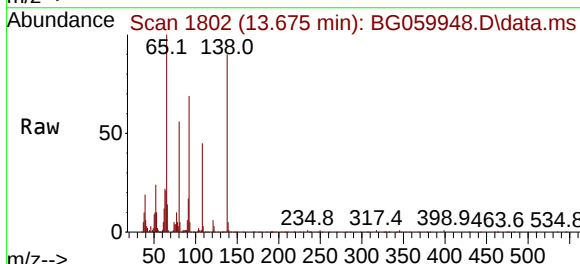
Instrument :
BNA_G
ClientSampleId :
PB157473BS

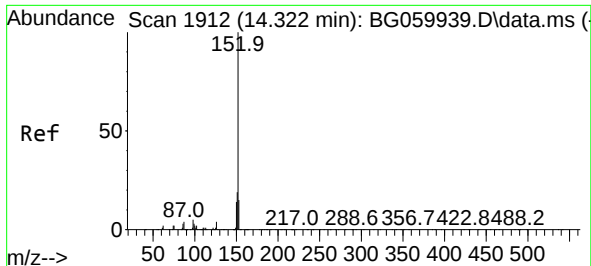
Tgt Ion:162 Resp: 832150
Ion Ratio Lower Upper
162 100
127 27.8 22.6 33.8
164 29.7 27.4 41.0



#48
2-Nitroaniline
Concen: 48.088 ng
RT: 13.675 min Scan# 1802
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion: 65 Resp: 181643
Ion Ratio Lower Upper
65 100
92 69.0 55.4 83.2
138 89.8 71.8 107.6

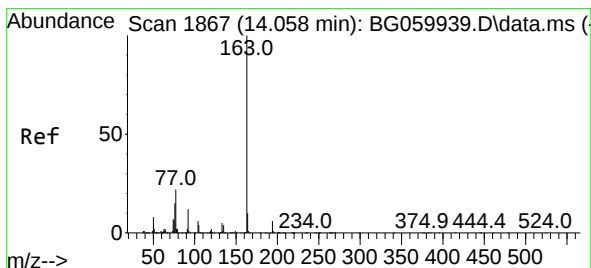
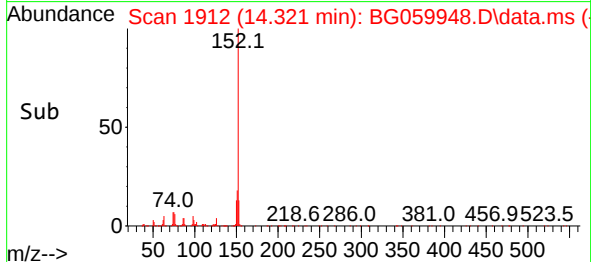
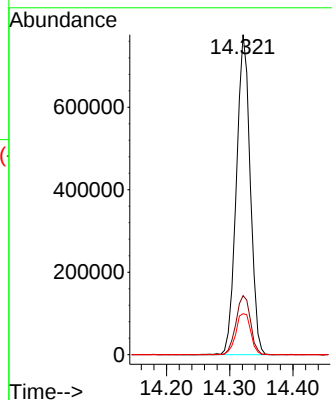
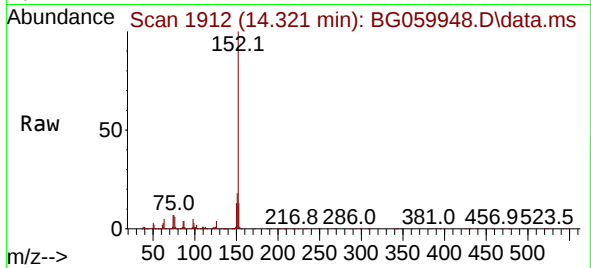




#49
Acenaphthylene
Concen: 44.214 ng
RT: 14.321 min Scan# 1912
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

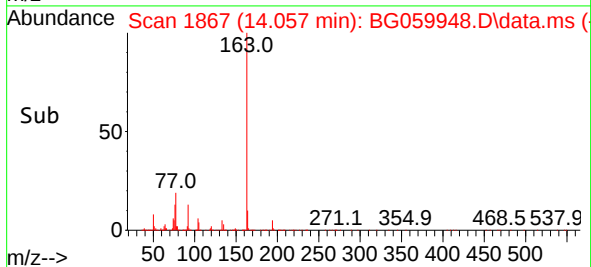
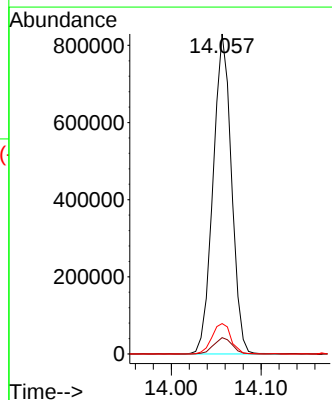
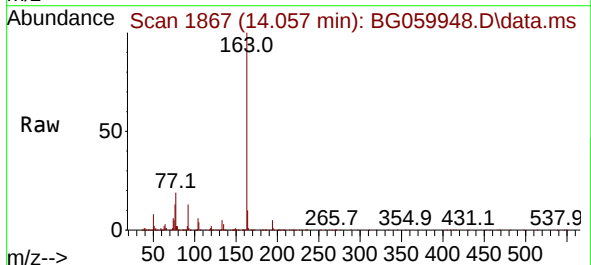
Instrument :
BNA_G
ClientSampleId :
PB157473BS

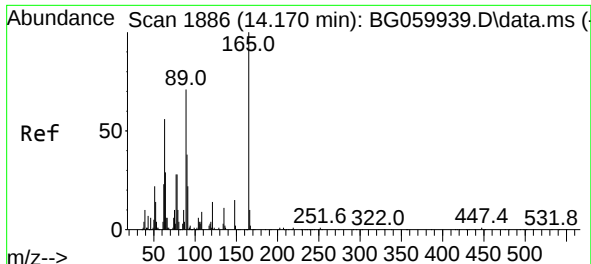
Tgt Ion:152 Resp: 1179230
Ion Ratio Lower Upper
152 100
151 18.4 15.3 22.9
153 12.8 11.7 17.5



#50
Dimethylphthalate
Concen: 45.499 ng
RT: 14.057 min Scan# 1867
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:163 Resp: 1180475
Ion Ratio Lower Upper
163 100
194 5.1 4.6 7.0
164 9.5 8.1 12.1

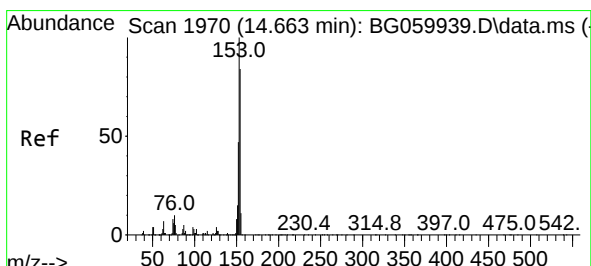
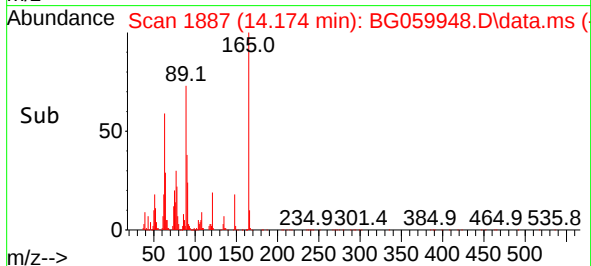
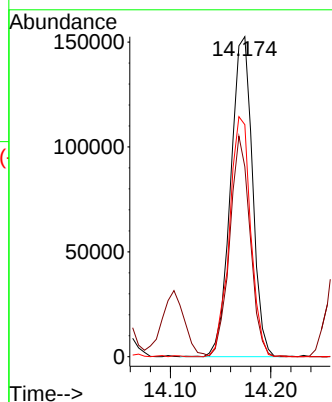
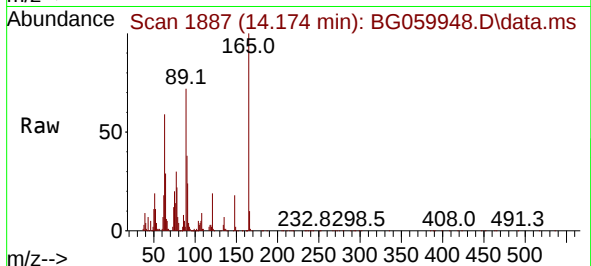




#51
2,6-Dinitrotoluene
Concen: 40.571 ng
RT: 14.174 min Scan# 1886
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

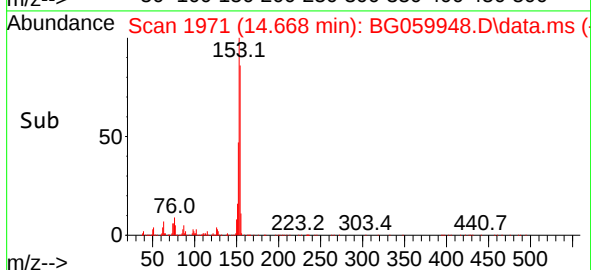
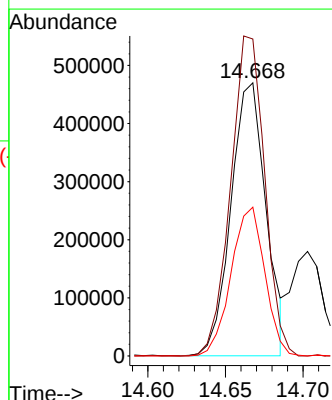
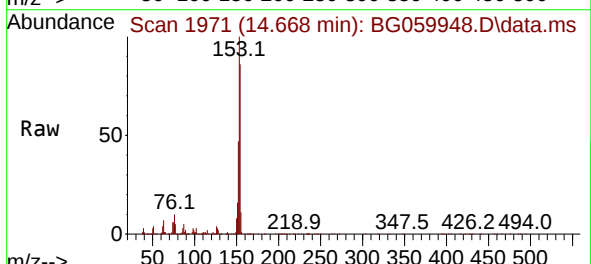
Instrument :
BNA_G
ClientSampleId :
PB157473BS

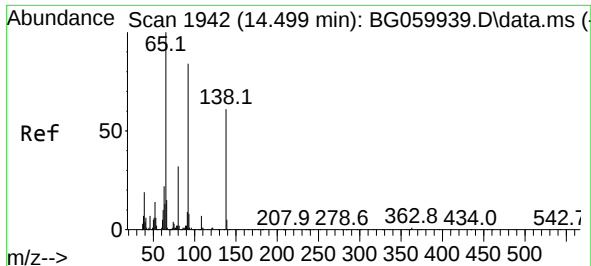
Tgt Ion:165 Resp: 230622
Ion Ratio Lower Upper
165 100
63 59.4 47.2 70.8
89 72.5 57.1 85.7



#52
Acenaphthene
Concen: 38.324 ng
RT: 14.668 min Scan# 1971
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:154 Resp: 737716
Ion Ratio Lower Upper
154 100
153 116.1 95.8 143.6
152 54.5 45.0 67.4

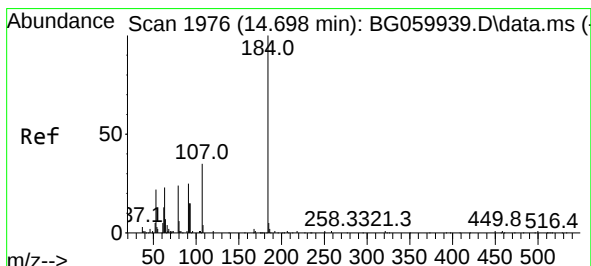
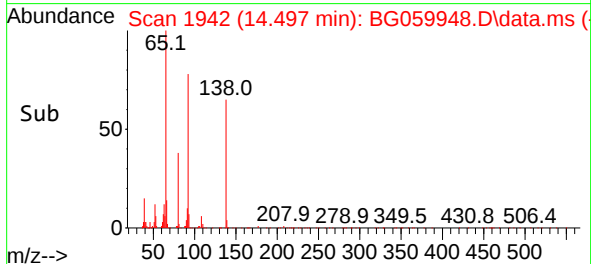
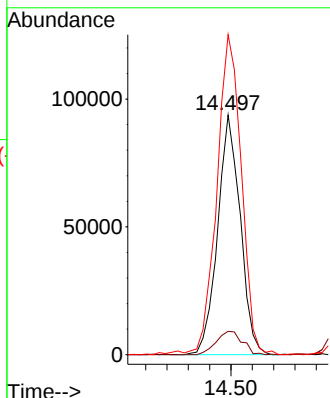
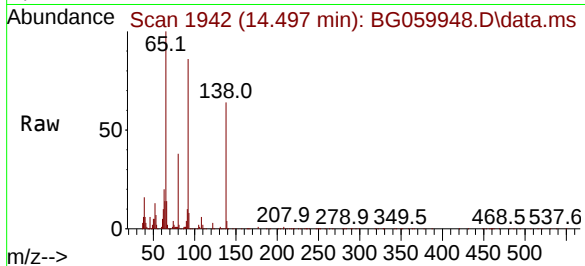




#53
3-Nitroaniline
Concen: 39.083 ng
RT: 14.497 min Scan# 1942
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

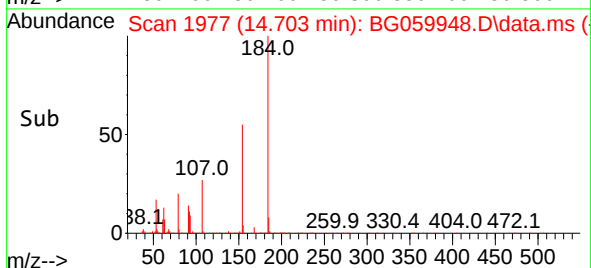
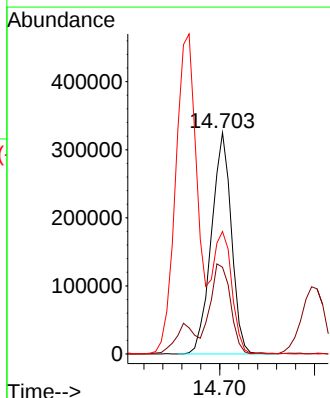
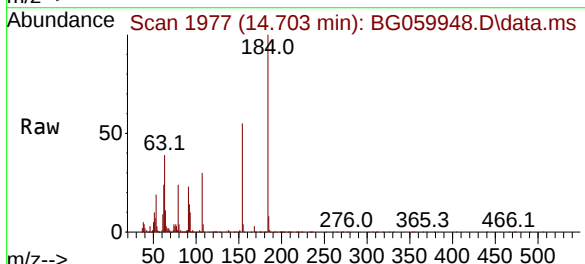
Instrument :
BNA_G
ClientSampleId :
PB157473BS

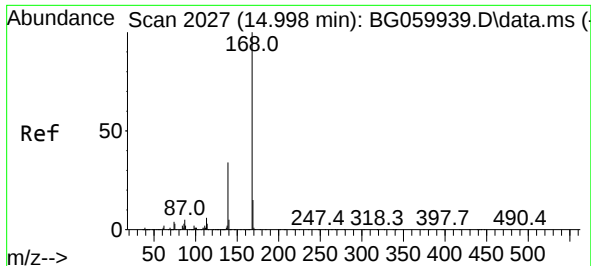
Tgt Ion:138 Resp: 137825
Ion Ratio Lower Upper
138 100
108 9.8 9.6 14.4
92 133.5 109.8 164.6



#54
2,4-Dinitrophenol
Concen: 96.141 ng
RT: 14.703 min Scan# 1977
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:184 Resp: 476663
Ion Ratio Lower Upper
184 100
63 39.2 38.2 57.4
154 55.3 52.6 78.8

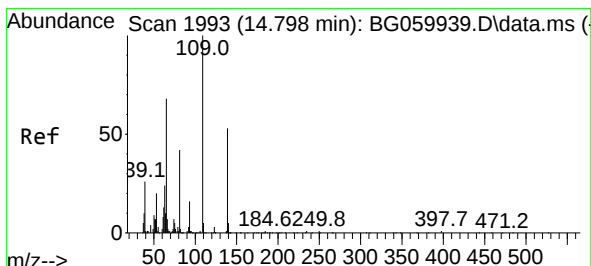
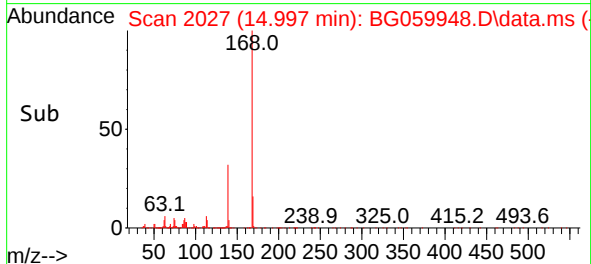
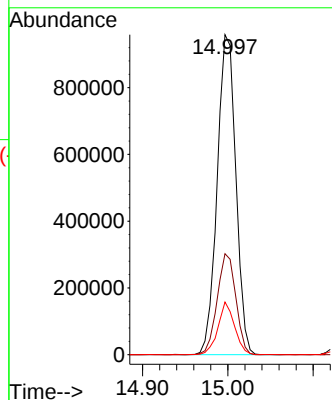
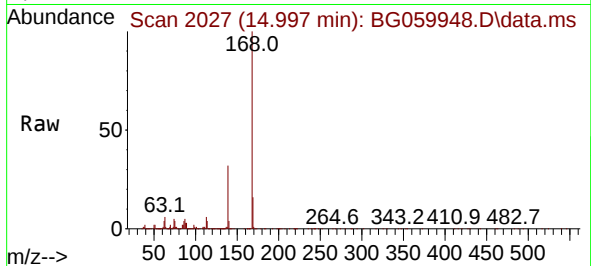




#55
Dibenzofuran
Concen: 44.899 ng
RT: 14.997 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

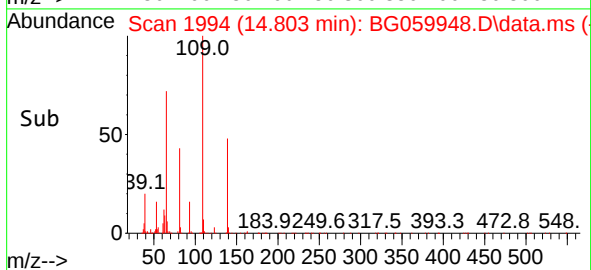
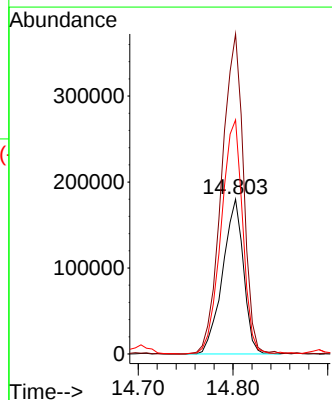
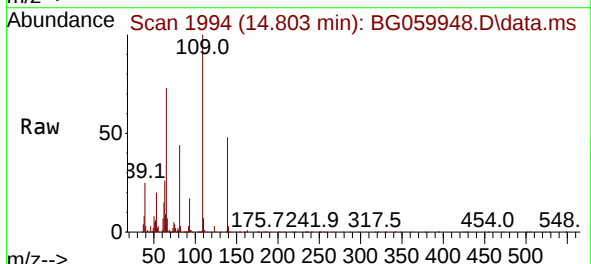
Instrument :
BNA_G
ClientSampleId :
PB157473BS

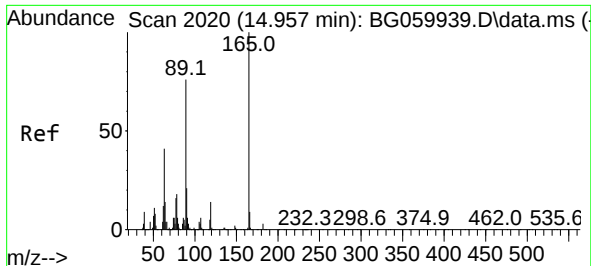
Tgt Ion:168 Resp: 1457839
Ion Ratio Lower Upper
168 100
139 31.6 27.0 40.6
169 16.5 11.6 17.4



#56
4-Nitrophenol
Concen: 90.024 ng
RT: 14.803 min Scan# 1994
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:139 Resp: 275515
Ion Ratio Lower Upper
139 100
109 206.7 167.9 207.9
65 151.2 108.1 148.1#





#57

2,4-Dinitrotoluene

Concen: 45.533 ng

RT: 14.956 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

Instrument :

BNA_G

ClientSampleId :

PB157473BS

Tgt Ion:165 Resp: 359980

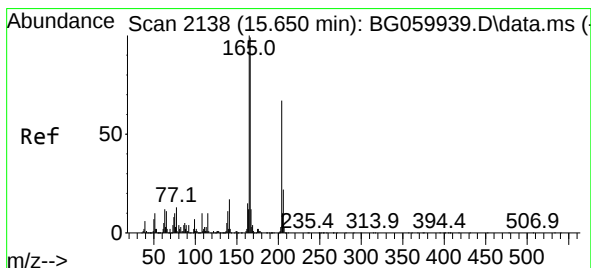
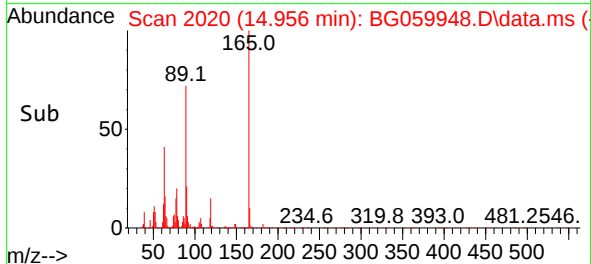
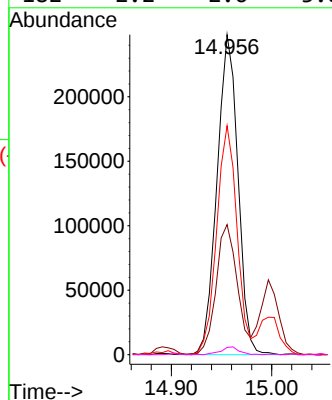
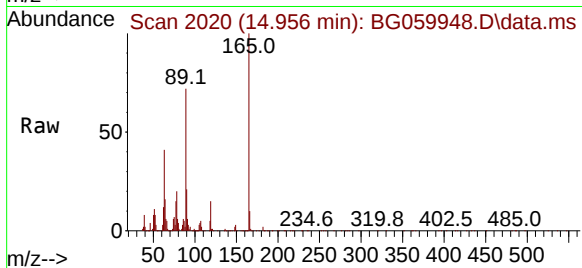
Ion Ratio Lower Upper

165 100

63 40.6 32.8 49.2

89 71.6 60.6 90.8

182 2.2 2.6 3.8#



#58

Fluorene

Concen: 45.384 ng

RT: 15.649 min Scan# 2138

Delta R.T. -0.001 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

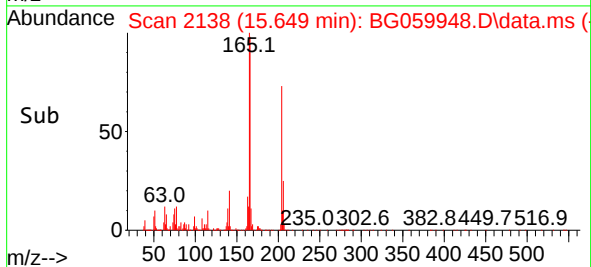
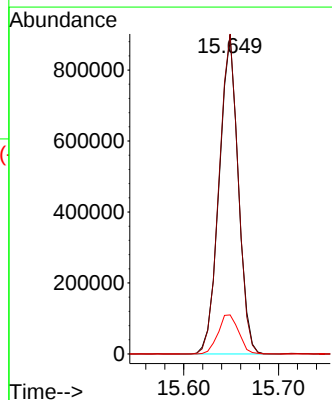
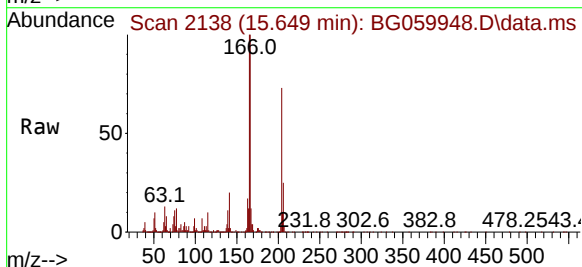
Tgt Ion:166 Resp: 1253985

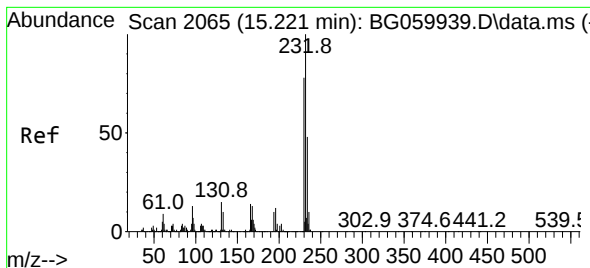
Ion Ratio Lower Upper

166 100

165 100.4 80.6 121.0

167 12.2 9.9 14.9

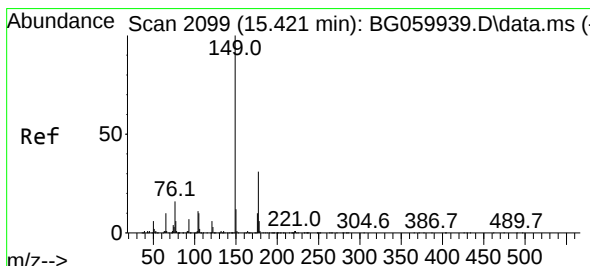
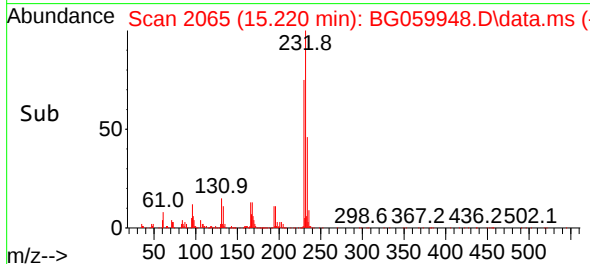
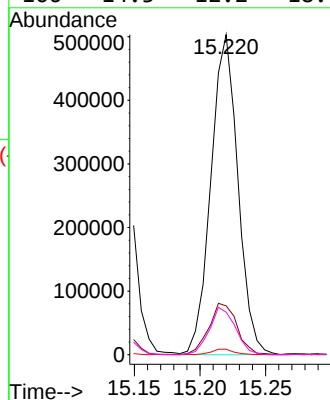
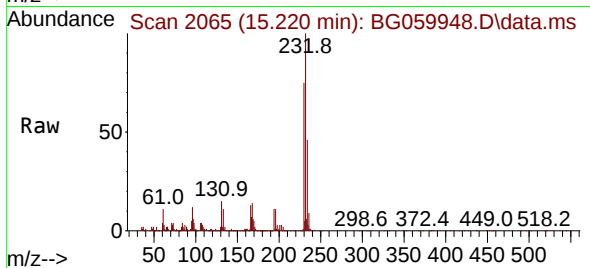




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.333 ng
RT: 15.220 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

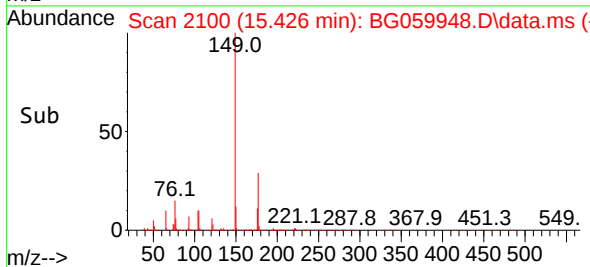
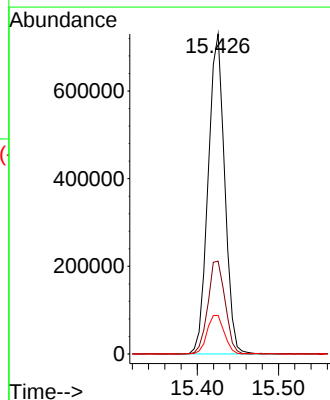
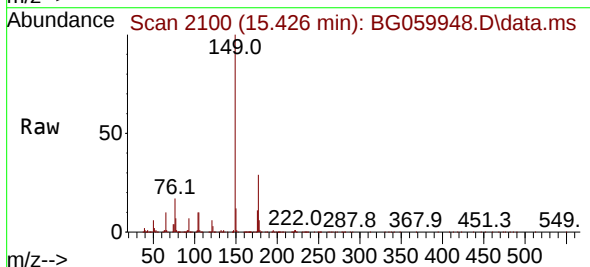
Instrument :
BNA_G
ClientSampleId :
PB157473BS

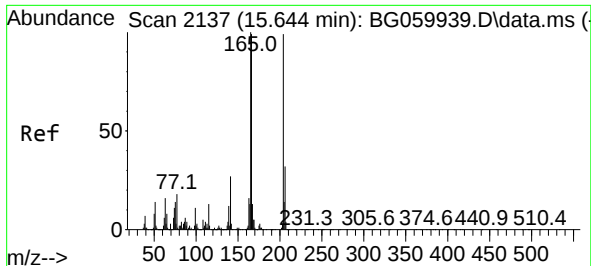
Tgt Ion:232 Resp: 718987
Ion Ratio Lower Upper
232 100
131 16.7 14.8 22.2
130 1.5 1.2 1.8
166 14.3 12.2 18.4



#60
Diethylphthalate
Concen: 44.502 ng
RT: 15.426 min Scan# 2100
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:149 Resp: 1028387
Ion Ratio Lower Upper
149 100
177 29.0 24.6 37.0
150 12.1 9.6 14.4

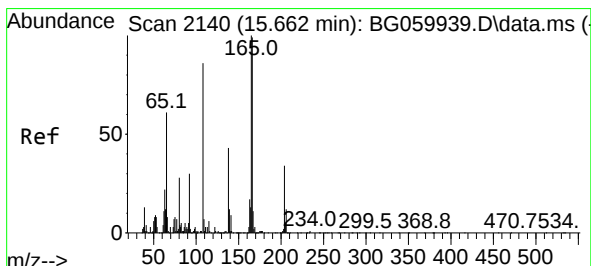
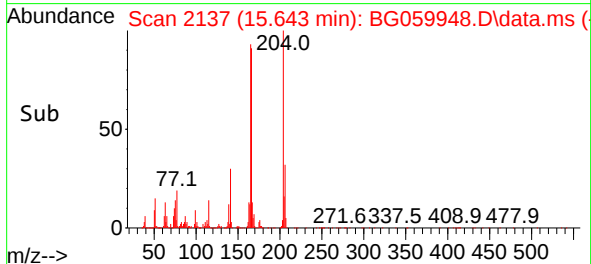
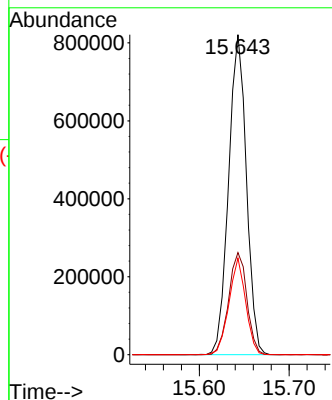
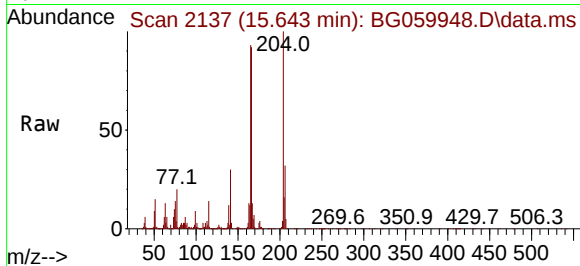




#61
4-Chlorophenyl-phenylether
Concen: 45.055 ng
RT: 15.643 min Scan# 2137
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

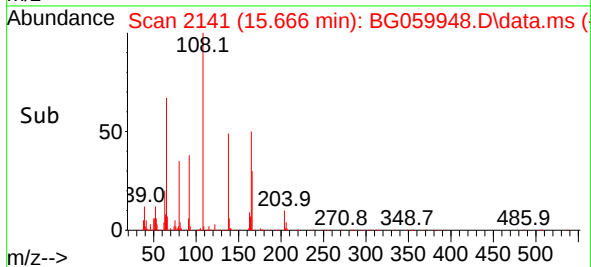
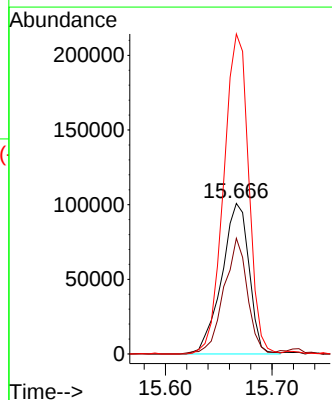
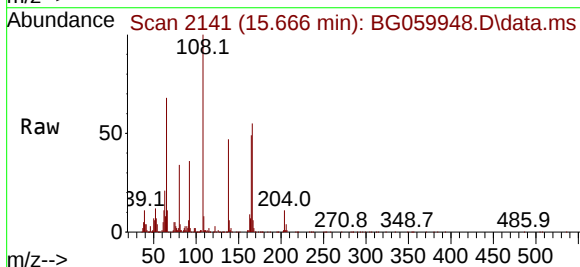
Instrument :
BNA_G
ClientSampleId :
PB157473BS

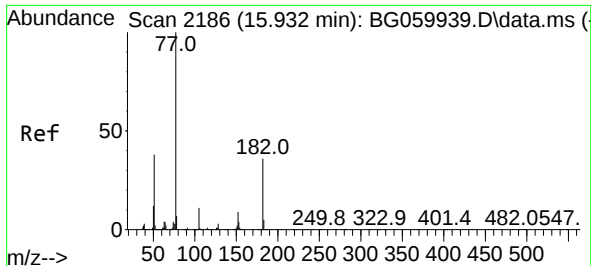
Tgt Ion:204 Resp: 1129303
Ion Ratio Lower Upper
204 100
206 31.9 25.8 38.8
141 30.1 21.4 32.2



#62
4-Nitroaniline
Concen: 44.190 ng
RT: 15.666 min Scan# 2141
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:138 Resp: 179371
Ion Ratio Lower Upper
138 100
92 76.8 50.8 90.8
108 212.4 181.0 221.0

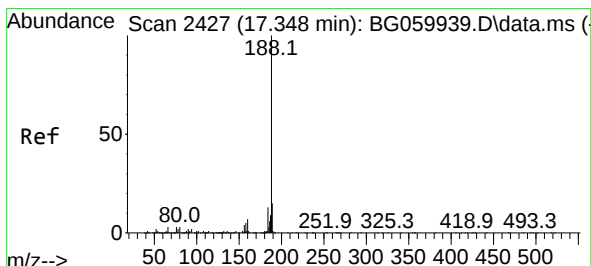
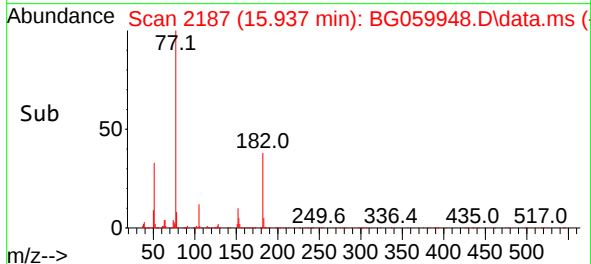
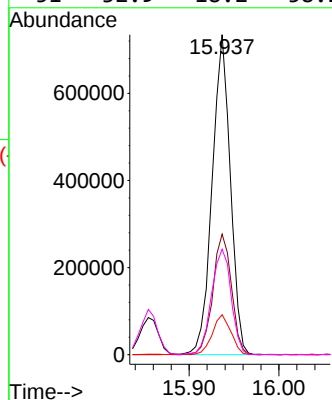
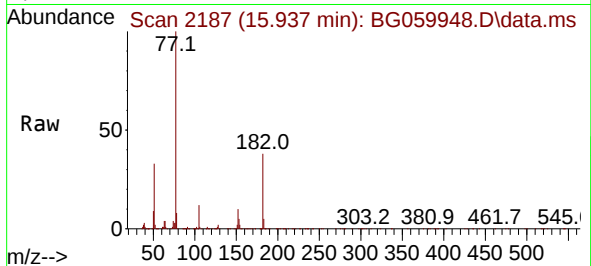




#63
Azobenzene
Concen: 43.087 ng
RT: 15.937 min Scan# 2186
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

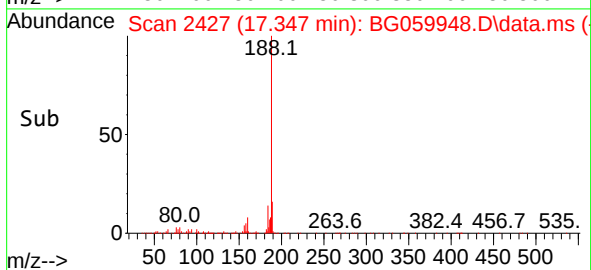
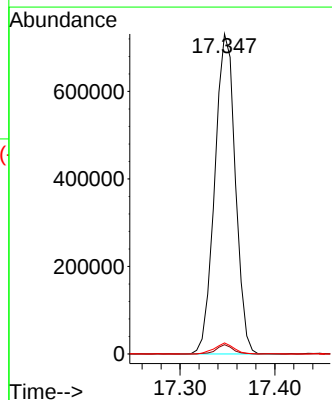
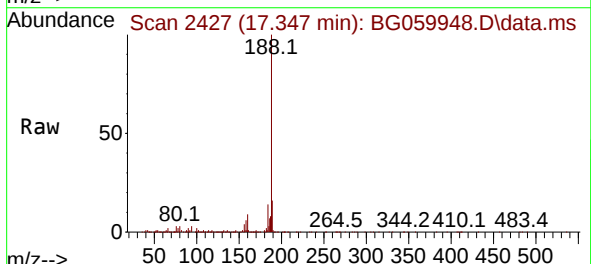
Instrument :
BNA_G
ClientSampleId :
PB157473BS

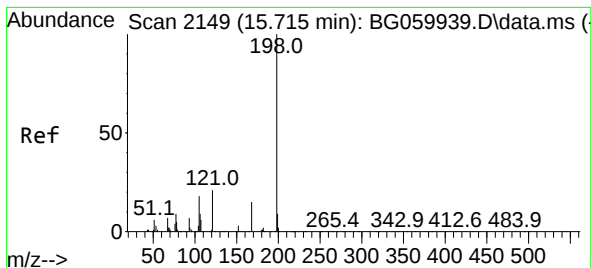
Tgt Ion: 77 Resp: 1032920
Ion Ratio Lower Upper
77 100
182 37.7 15.7 55.7
105 12.5 0.0 31.5
51 32.9 18.2 58.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.347 min Scan# 2427
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:188 Resp: 1102115
Ion Ratio Lower Upper
188 100
94 2.9 1.8 2.6#
80 3.5 2.2 3.4#

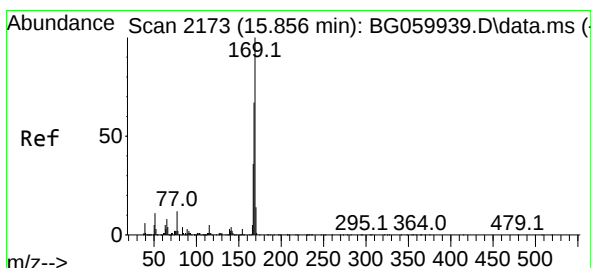
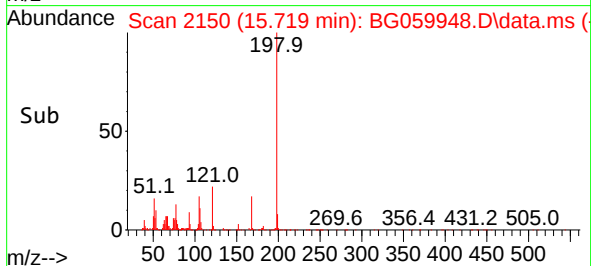
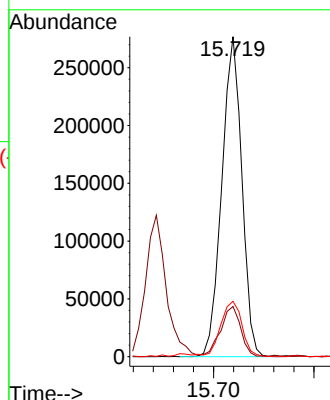
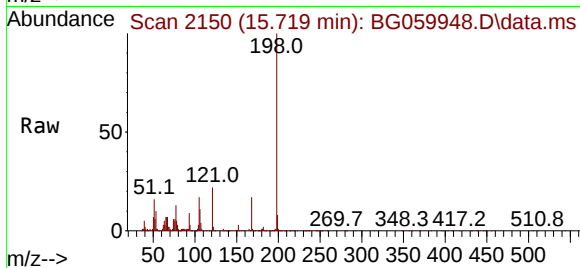




#65
4,6-Dinitro-2-methylphenol
Concen: 45.409 ng
RT: 15.719 min Scan# 2149
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

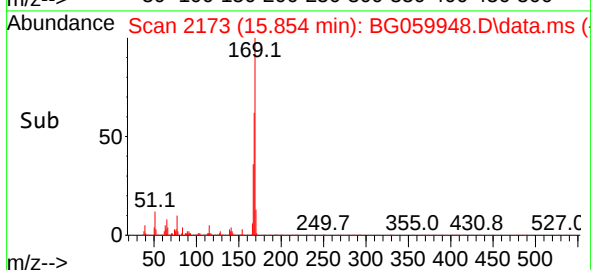
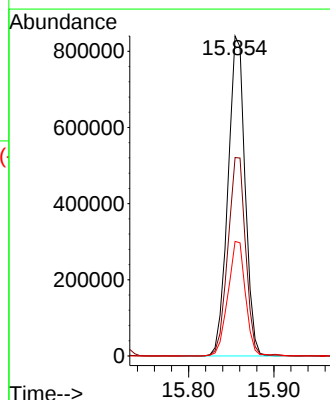
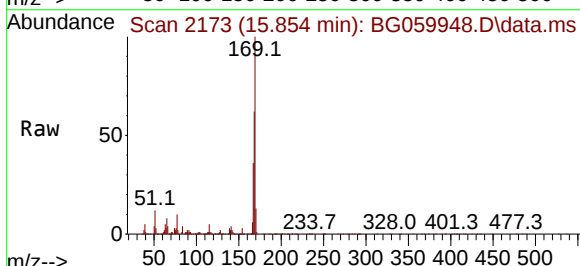
Instrument :
BNA_G
ClientSampleId :
PB157473BS

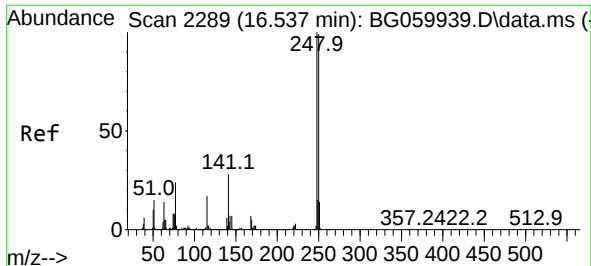
Tgt Ion:198 Resp: 382626
Ion Ratio Lower Upper
198 100
51 15.7 0.0 34.4
105 17.3 0.0 39.0



#66
n-Nitrosodiphenylamine
Concen: 46.434 ng
RT: 15.854 min Scan# 2173
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:169 Resp: 1172258
Ion Ratio Lower Upper
169 100
168 62.0 53.5 80.3
167 35.8 29.2 43.8

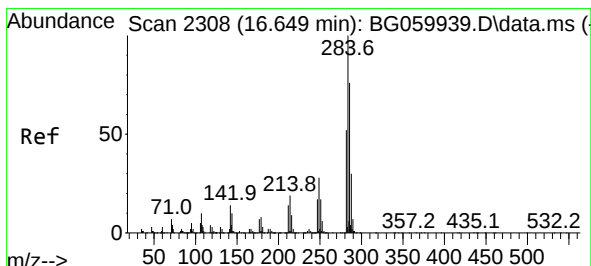
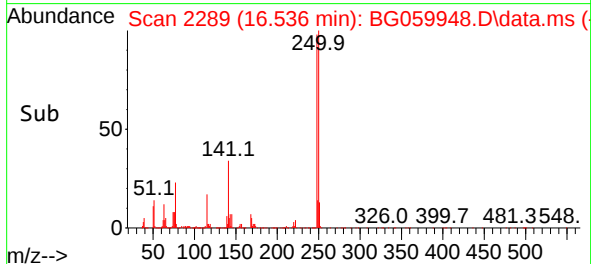
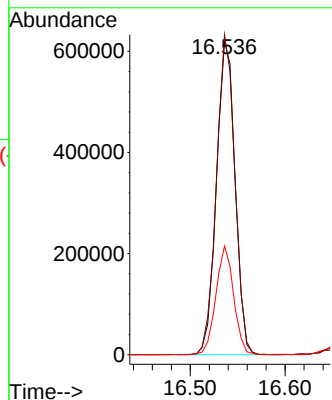
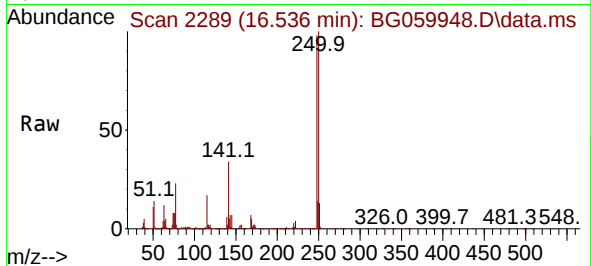




#67
4-Bromophenyl-phenylether
Concen: 44.978 ng
RT: 16.536 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

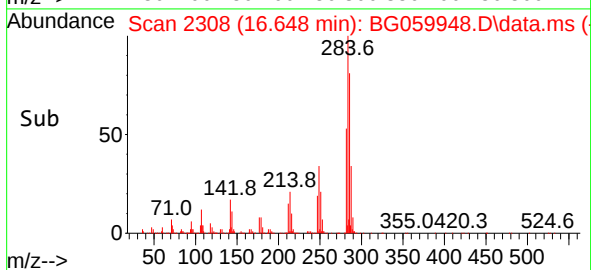
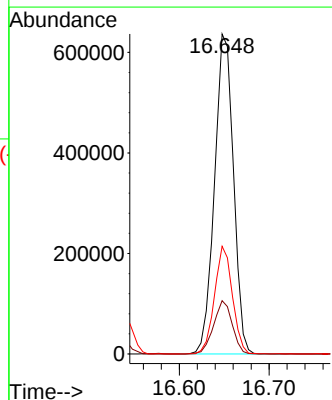
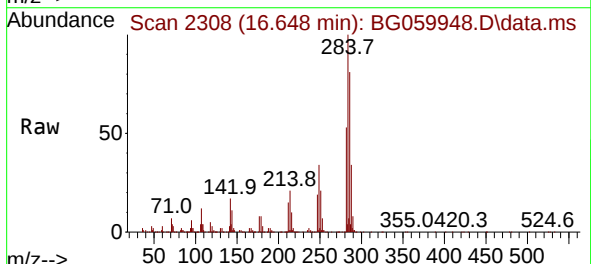
Instrument :
BNA_G
ClientSampleId :
PB157473BS

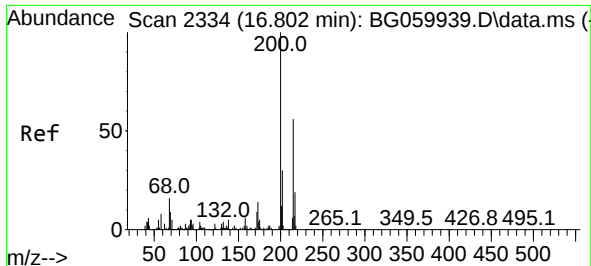
Tgt Ion:248 Resp: 849274
Ion Ratio Lower Upper
248 100
250 102.2 79.0 118.4
141 34.7 22.3 33.5#



#68
Hexachlorobenzene
Concen: 44.401 ng
RT: 16.648 min Scan# 2308
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:284 Resp: 931536
Ion Ratio Lower Upper
284 100
142 16.7 11.4 17.0
249 33.6 24.2 36.2

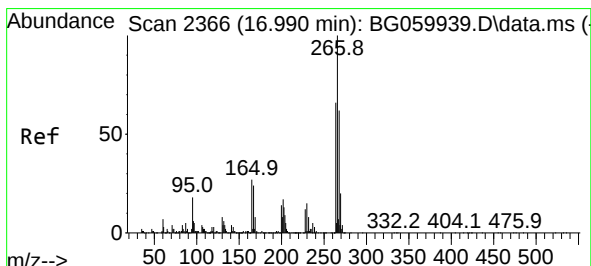
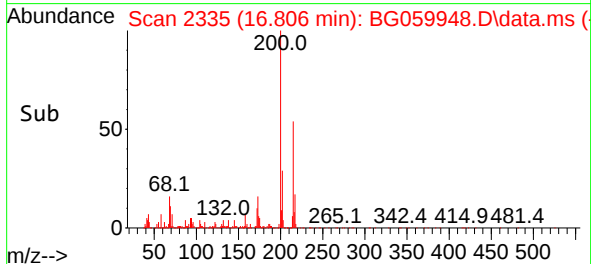
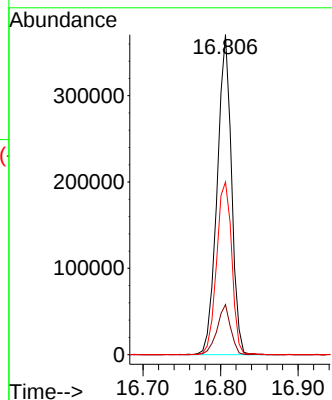
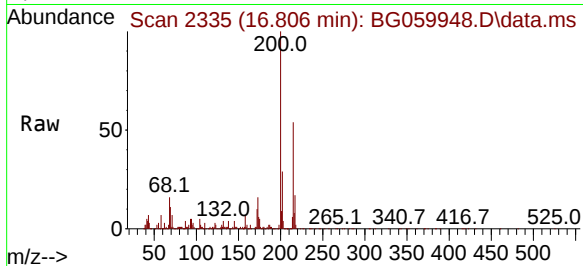




#69
Atrazine
Concen: 38.317 ng
RT: 16.806 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

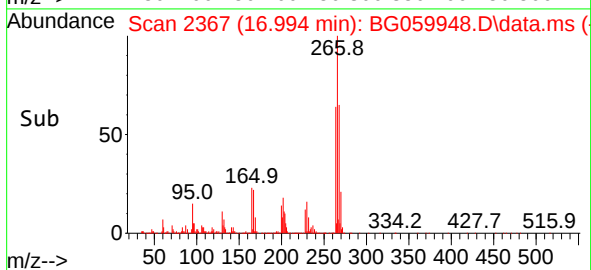
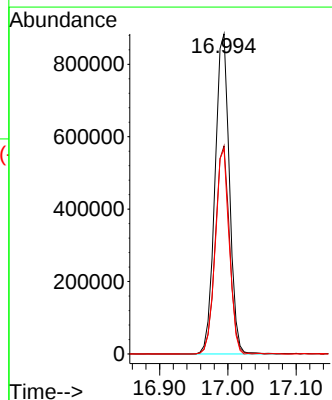
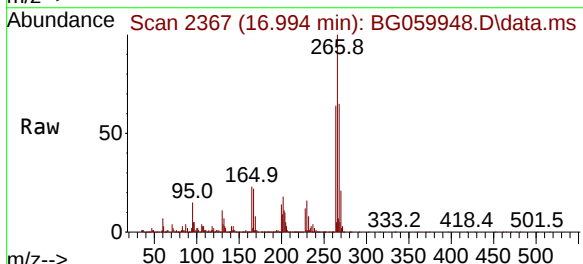
Instrument :
BNA_G
ClientSampleId :
PB157473BS

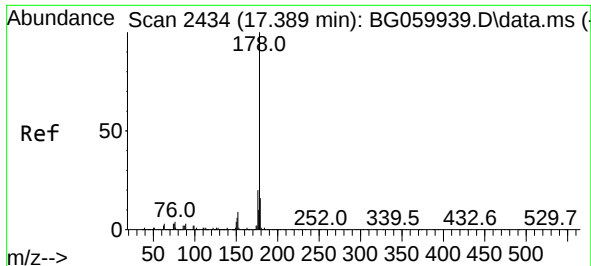
Tgt Ion:200 Resp: 477301
Ion Ratio Lower Upper
200 100
173 15.7 0.0 34.0
215 54.0 36.5 76.5



#70
Pentachlorophenol
Concen: 85.330 ng
RT: 16.994 min Scan# 2367
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:266 Resp: 1297259
Ion Ratio Lower Upper
266 100
268 65.0 49.3 73.9
264 64.1 53.2 79.8

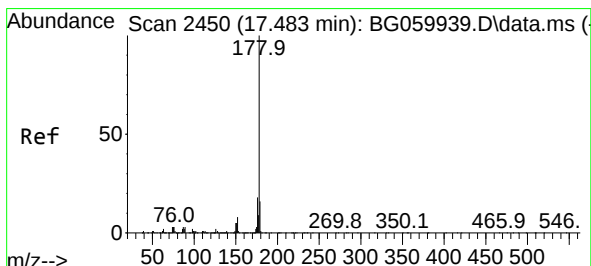
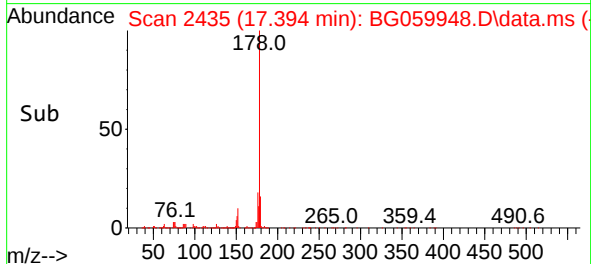
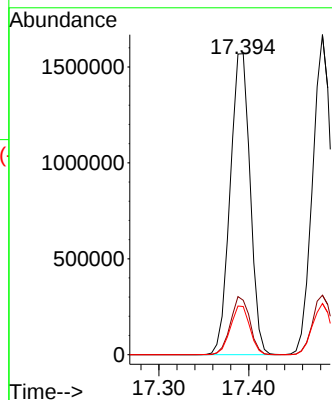
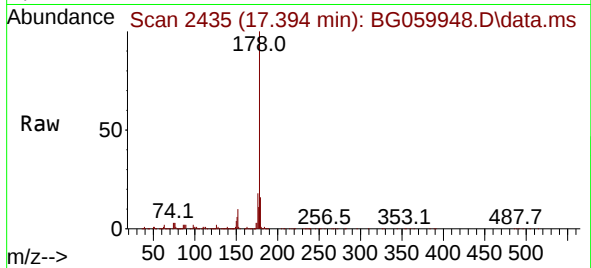




#71
Phenanthrene
Concen: 46.571 ng
RT: 17.394 min Scan# 2434
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

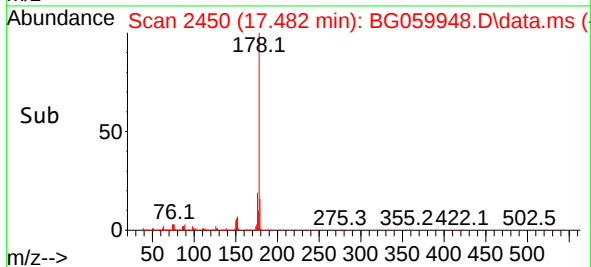
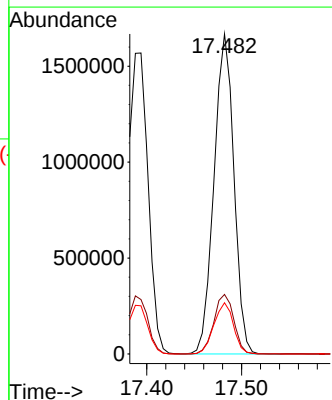
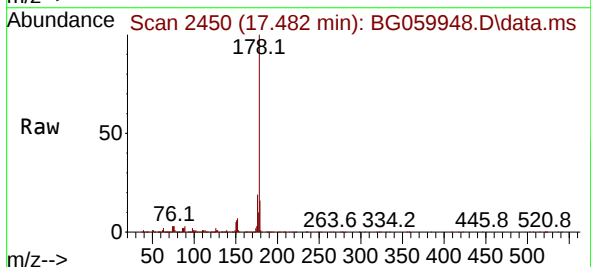
Instrument :
BNA_G
ClientSampleId :
PB157473BS

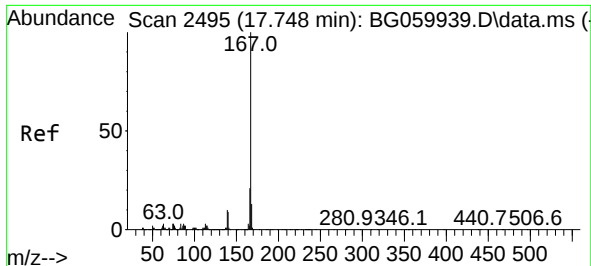
Tgt Ion:178 Resp: 2423582
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.8
179 16.0 12.6 19.0



#72
Anthracene
Concen: 45.745 ng
RT: 17.482 min Scan# 2450
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:178 Resp: 2433379
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 16.0 13.2 19.8

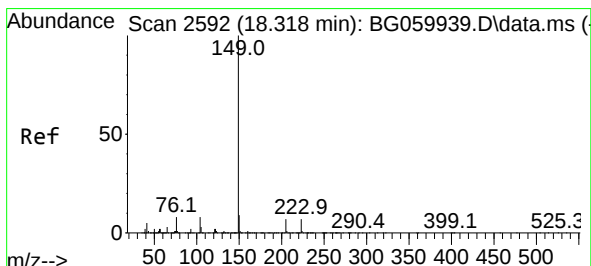
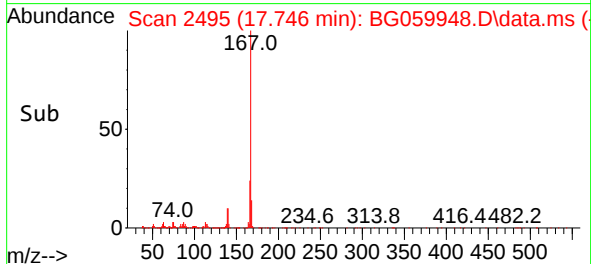
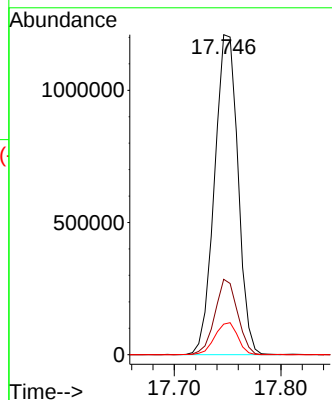
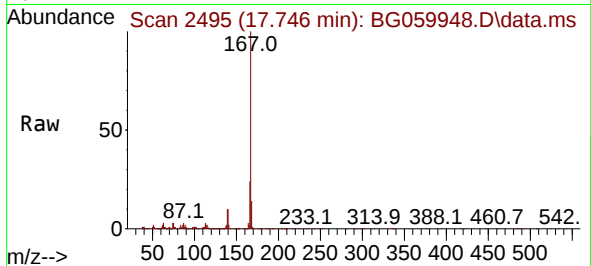




#73
 Carbazole
 Concen: 45.693 ng
 RT: 17.746 min Scan# 2495
 Delta R.T. -0.001 min
 Lab File: BG059948.D
 Acq: 5 Dec 2023 13:59

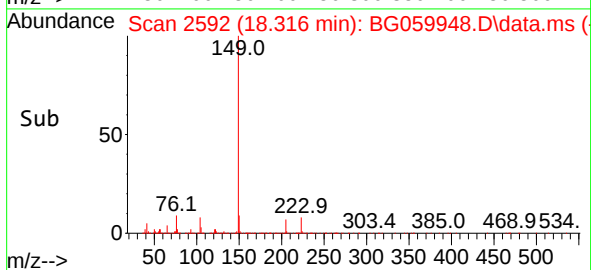
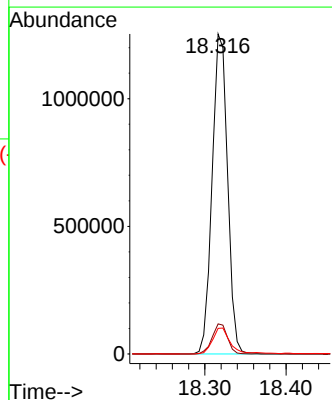
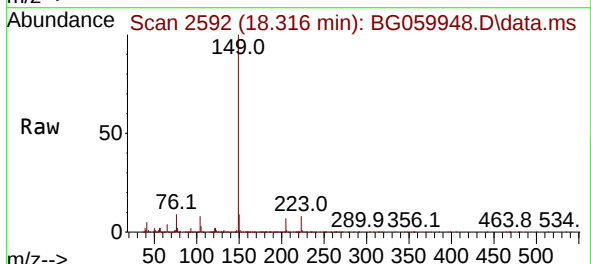
Instrument :
 BNA_G
 ClientSampleId :
 PB157473BS

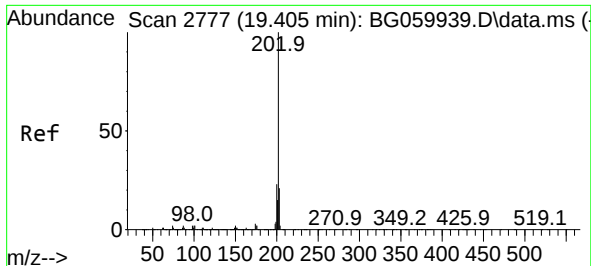
Tgt Ion:167 Resp: 1847351
 Ion Ratio Lower Upper
 167 100
 166 23.6 16.7 25.1
 139 9.5 8.0 12.0



#74
 Di-n-butylphthalate
 Concen: 47.117 ng
 RT: 18.316 min Scan# 2592
 Delta R.T. -0.001 min
 Lab File: BG059948.D
 Acq: 5 Dec 2023 13:59

Tgt Ion:149 Resp: 1647641
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 8.0 6.2 9.2

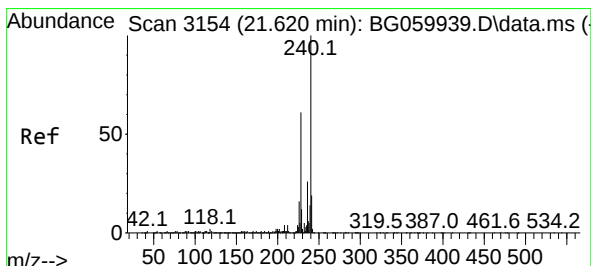
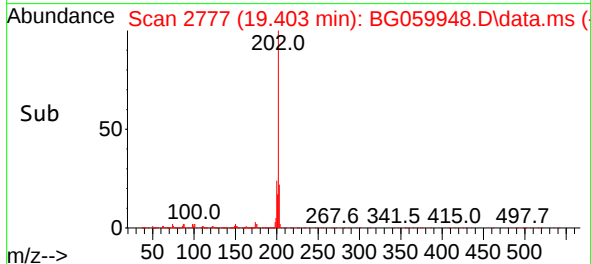
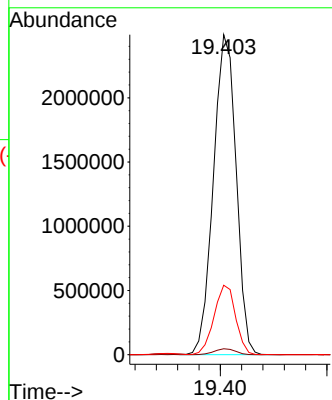
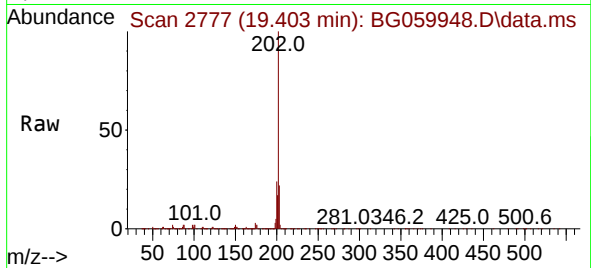




#75
Fluoranthene
Concen: 42.960 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

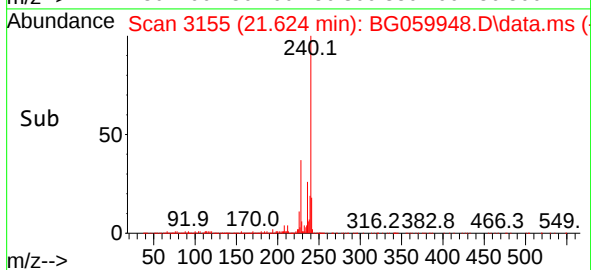
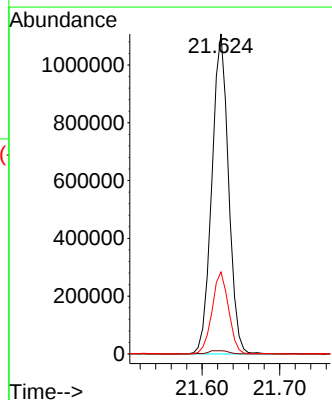
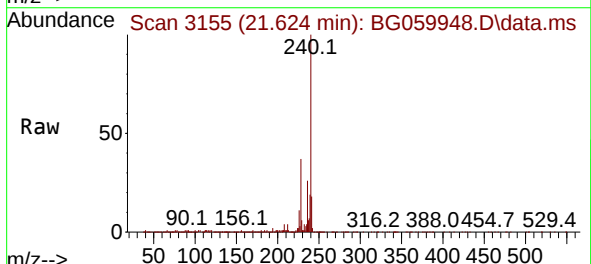
Instrument :
BNA_G
ClientSampleId :
PB157473BS

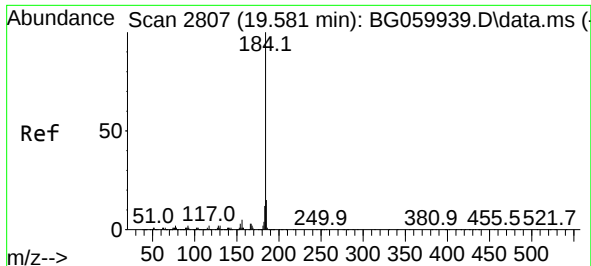
Tgt Ion:202 Resp: 3674269
Ion Ratio Lower Upper
202 100
101 1.8 0.0 21.6
203 21.7 0.9 40.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3155
Delta R.T. 0.004 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:240 Resp: 1652517
Ion Ratio Lower Upper
240 100
120 1.0 1.0 1.4
236 25.6 20.8 31.2





#77

Benzidine

Concen: 59.243 ng

RT: 19.585 min Scan# 2807

Delta R.T. 0.004 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

Instrument :

BNA_G

ClientSampleId :

PB157473BS

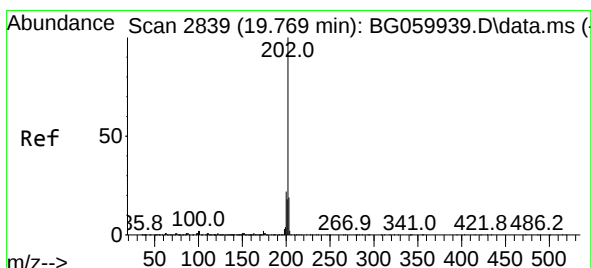
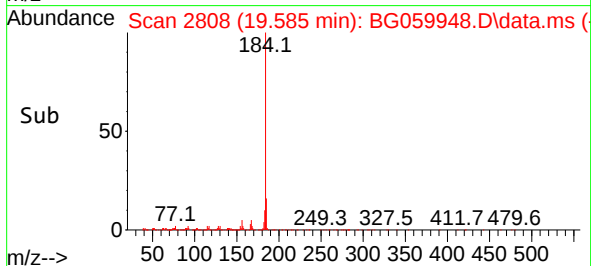
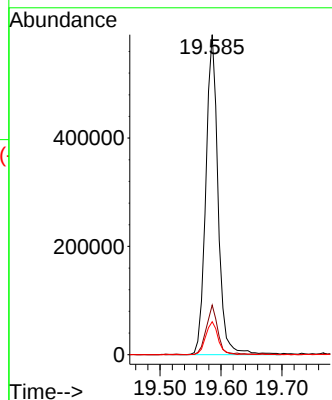
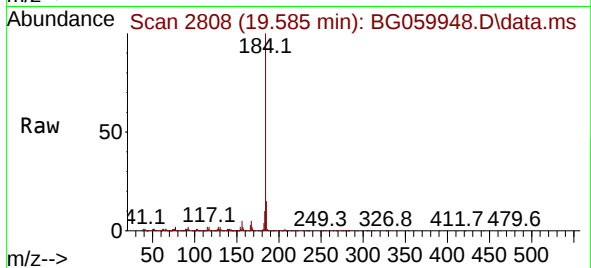
Tgt Ion:184 Resp: 825116

Ion Ratio Lower Upper

184 100

185 15.5 12.0 18.0

183 10.3 9.7 14.5



#78

Pyrene

Concen: 42.760 ng

RT: 19.768 min Scan# 2839

Delta R.T. -0.001 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

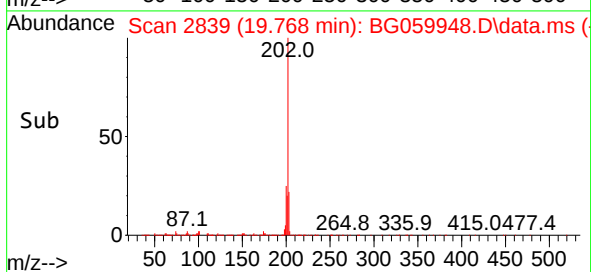
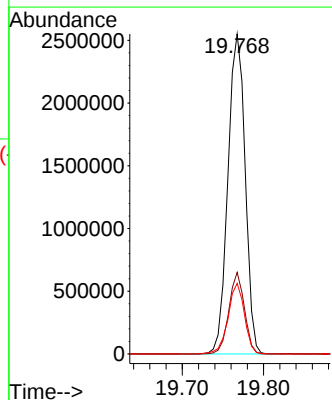
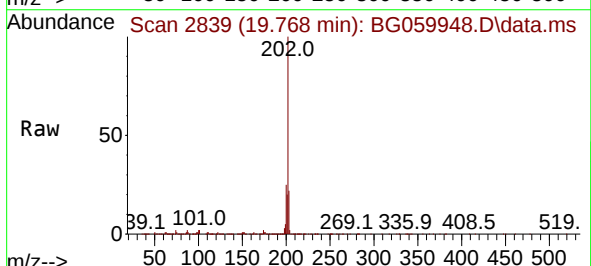
Tgt Ion:202 Resp: 3760478

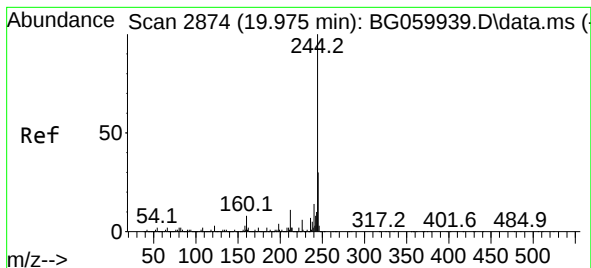
Ion Ratio Lower Upper

202 100

200 25.5 17.8 26.6

203 22.0 15.4 23.0





#79

Terphenyl-d14

Concen: 63.589 ng

RT: 19.973 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

Instrument :

BNA_G

ClientSampleId :

PB157473BS

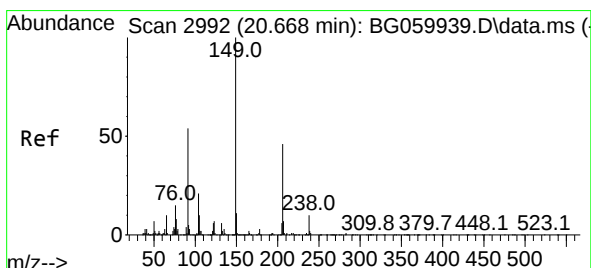
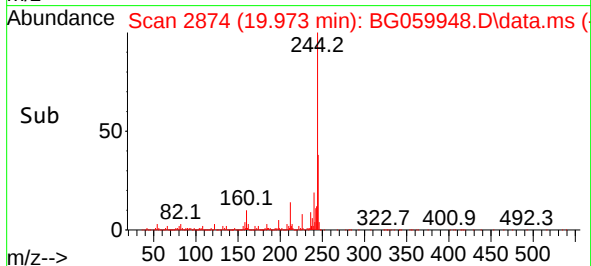
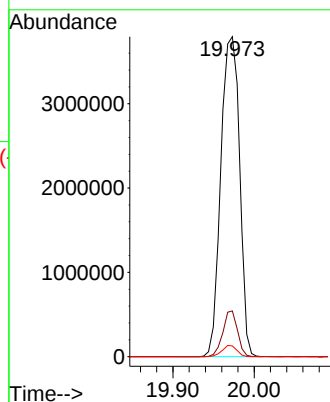
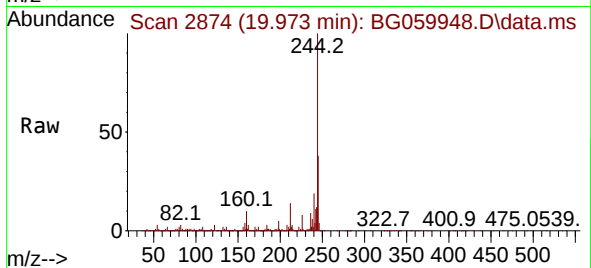
Tgt Ion:244 Resp: 6095654

Ion Ratio Lower Upper

244 100

212 14.3 8.6 13.0#

122 3.3 2.1 3.1#



#80

Butylbenzylphthalate

Concen: 45.423 ng

RT: 20.666 min Scan# 2992

Delta R.T. -0.001 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

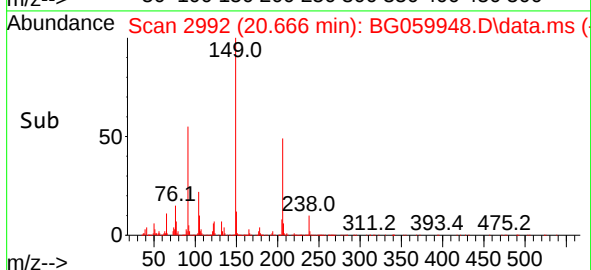
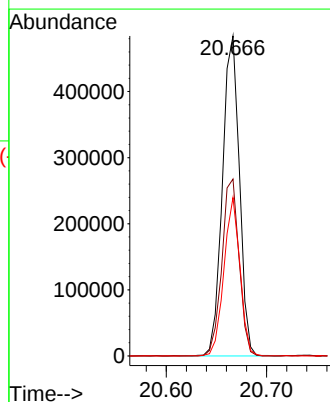
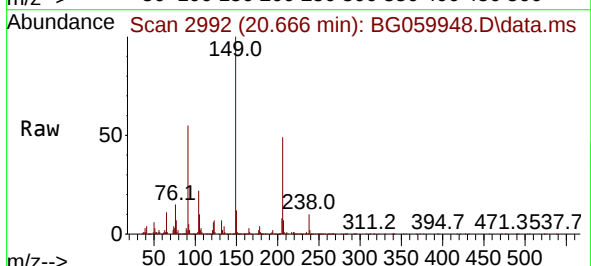
Tgt Ion:149 Resp: 566666

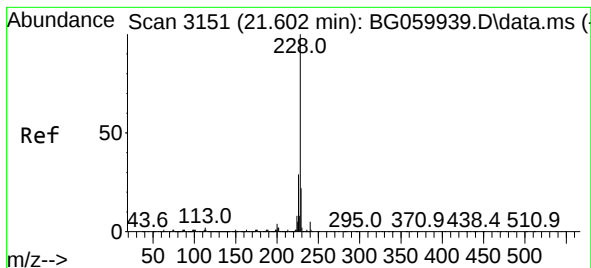
Ion Ratio Lower Upper

149 100

91 55.3 42.9 64.3

206 49.5 36.7 55.1





#81

Benzo(a)anthracene

Concen: 42.947 ng

RT: 21.607 min Scan# 3151

Delta R.T. 0.004 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

Instrument :

BNA_G

ClientSampleId :

PB157473BS

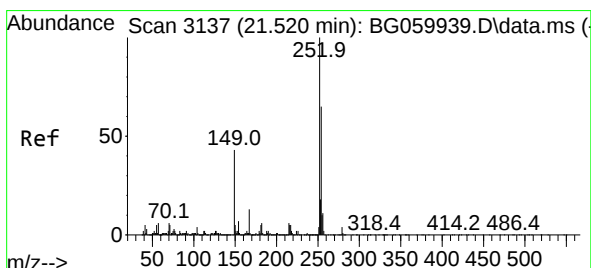
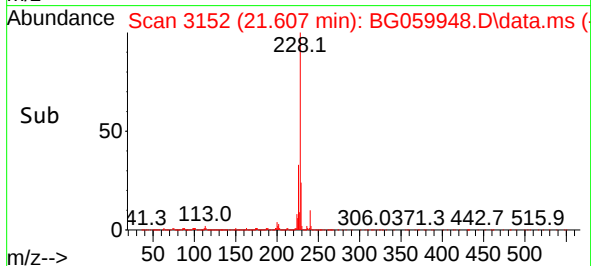
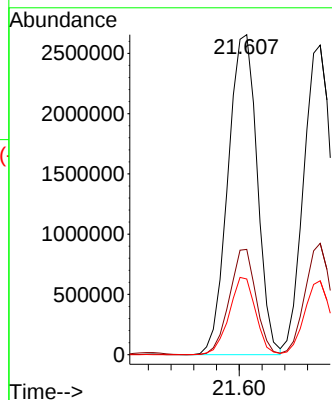
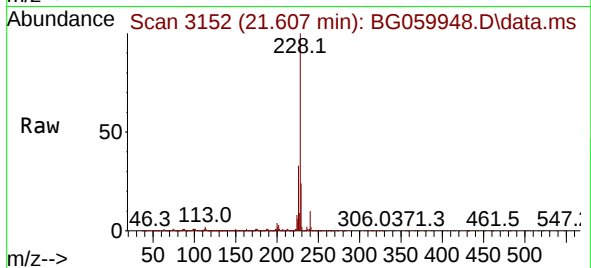
Tgt Ion:228 Resp: 4735163

Ion Ratio Lower Upper

228 100

226 32.9 23.4 35.2

229 23.7 17.4 26.2



#82

3,3'-Dichlorobenzidine

Concen: 52.317 ng

RT: 21.524 min Scan# 3138

Delta R.T. 0.004 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

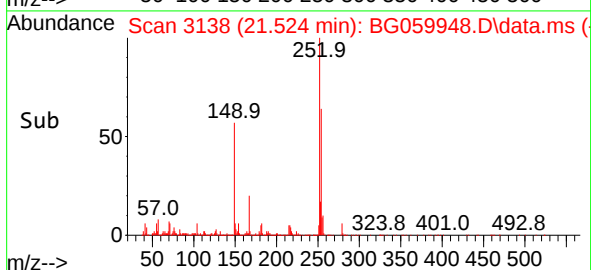
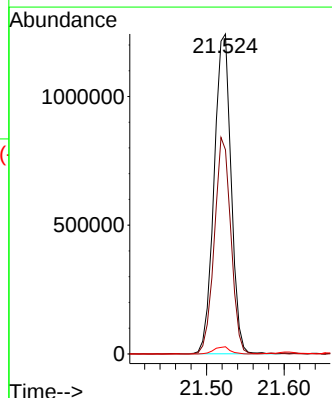
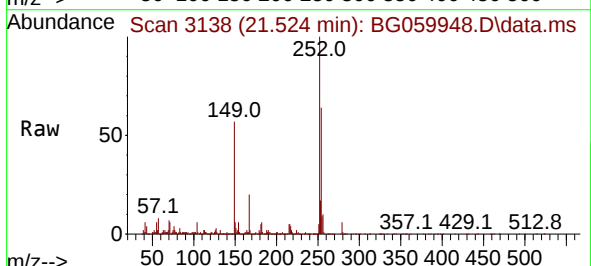
Tgt Ion:252 Resp: 1894442

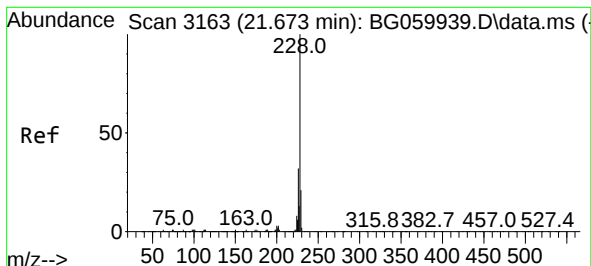
Ion Ratio Lower Upper

252 100

254 63.8 51.9 77.9

126 2.2 1.4 2.2#





#83

Chrysene

Concen: 42.042 ng

RT: 21.671 min Scan# 3163

Delta R.T. -0.001 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

Instrument :

BNA_G

ClientSampleId :

PB157473BS

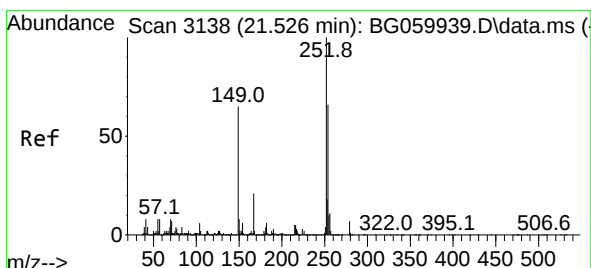
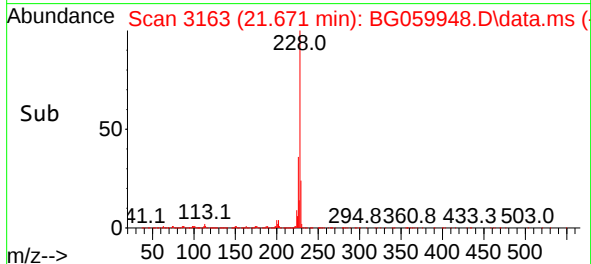
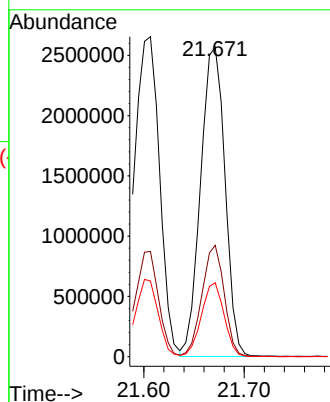
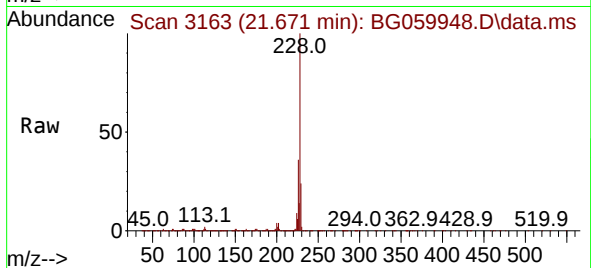
Tgt Ion:228 Resp: 4346004

Ion Ratio Lower Upper

228 100

226 36.0 25.4 38.2

229 23.9 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.392 ng

RT: 21.524 min Scan# 3138

Delta R.T. -0.001 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

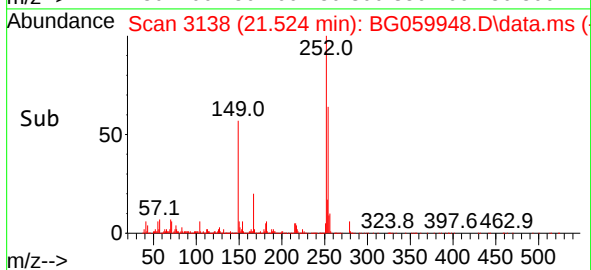
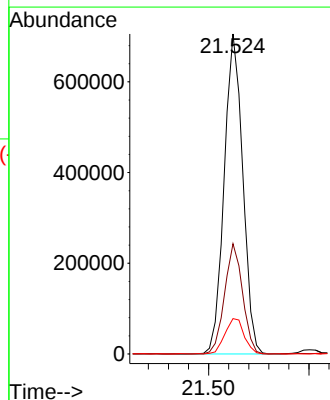
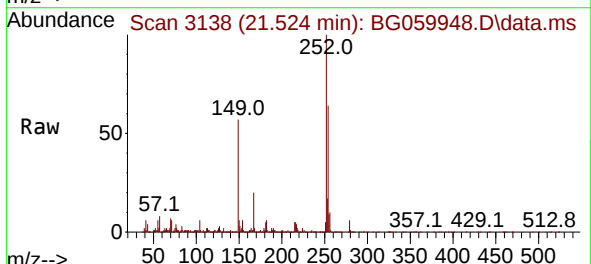
Tgt Ion:149 Resp: 904682

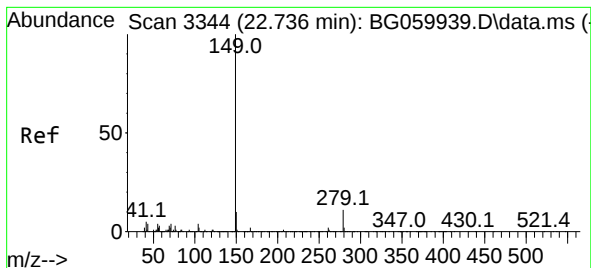
Ion Ratio Lower Upper

149 100

167 34.4 26.1 39.1

279 11.1 8.6 12.8





#85

Di-n-octyl phthalate

Concen: 48.019 ng

RT: 22.735 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

Instrument :

BNA_G

ClientSampleId :

PB157473BS

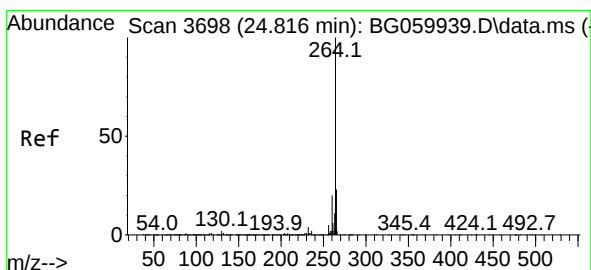
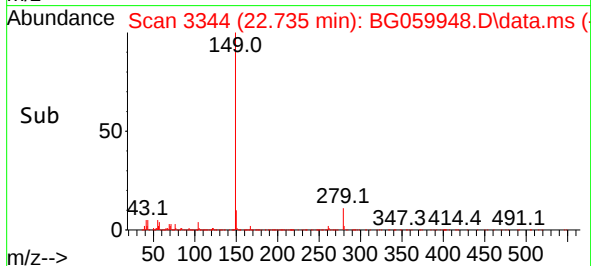
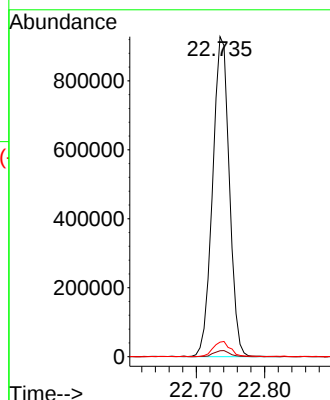
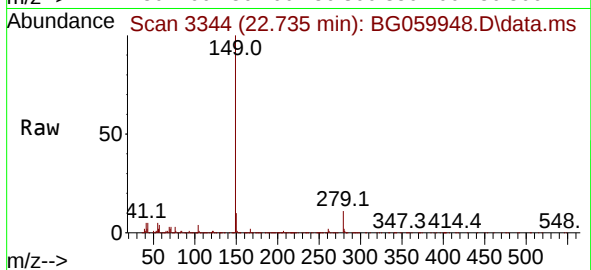
Tgt Ion:149 Resp: 1584162

Ion Ratio Lower Upper

149 100

167 1.9 1.7 2.5

43 5.0 3.6 5.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 3698

Delta R.T. -0.001 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

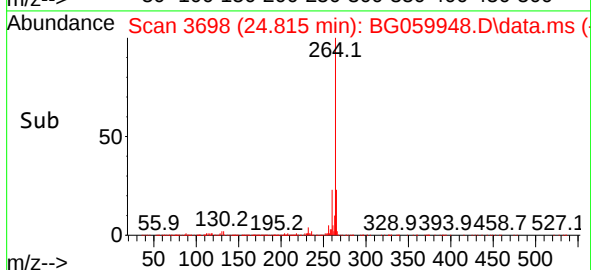
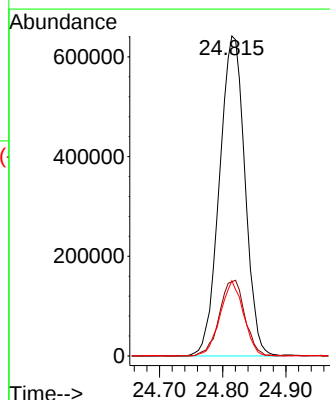
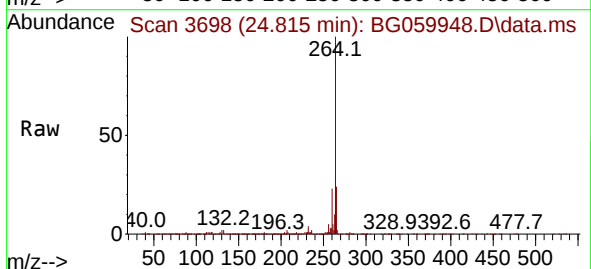
Tgt Ion:264 Resp: 1794097

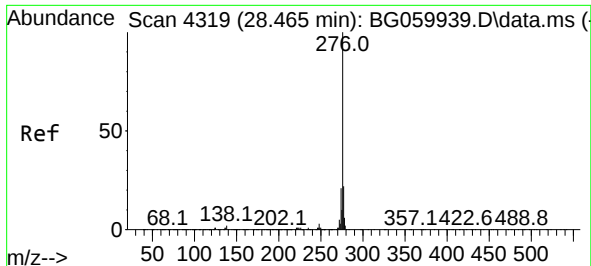
Ion Ratio Lower Upper

264 100

260 23.2 15.8 23.6

265 23.5 18.1 27.1

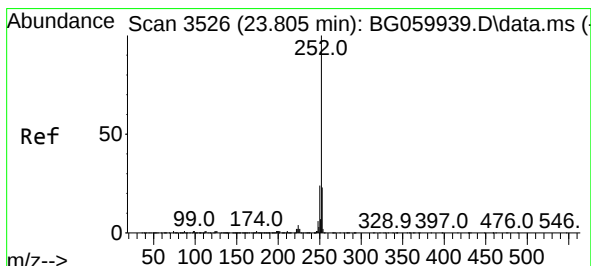
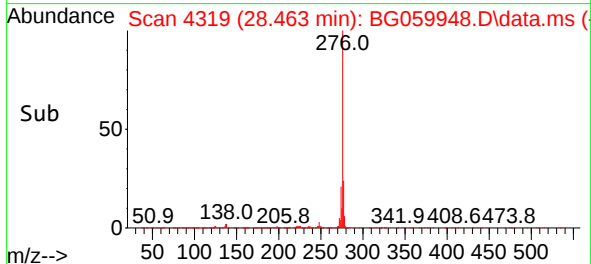
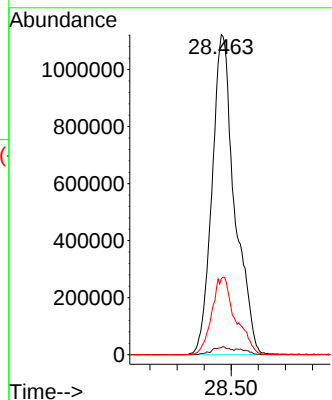
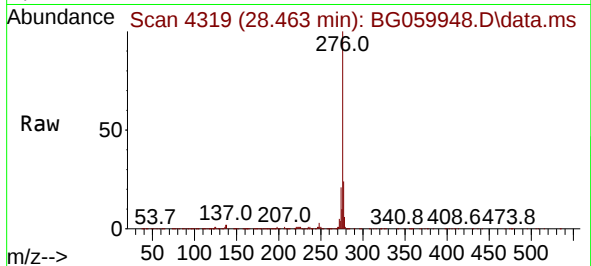




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.160 ng
 RT: 28.463 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: BG059948.D
 Acq: 5 Dec 2023 13:59

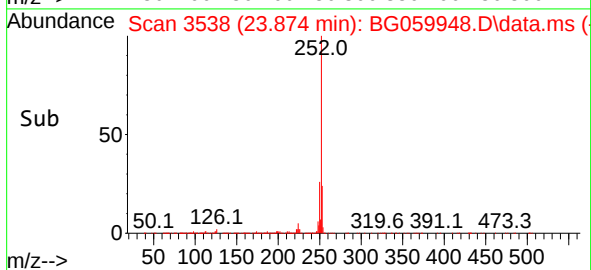
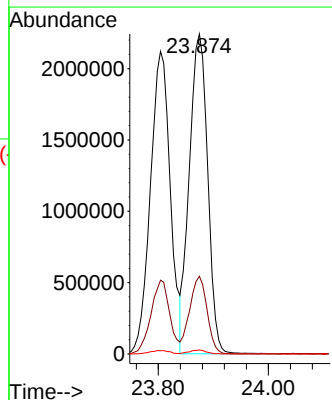
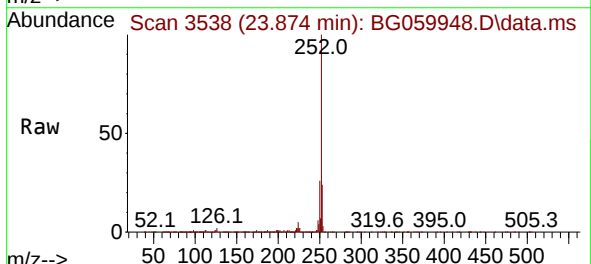
Instrument :
 BNA_G
 ClientSampleId :
 PB157473BS

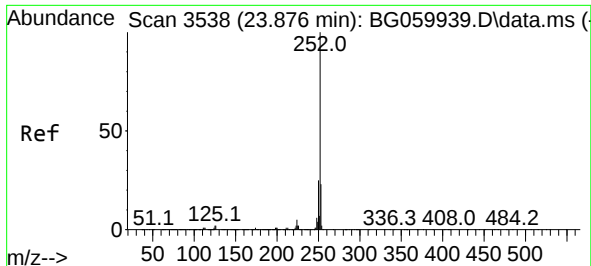
Tgt Ion:276 Resp: 6512874
 Ion Ratio Lower Upper
 276 100
 138 2.0 0.0 0.0#
 277 25.3 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 46.862 ng
 RT: 23.874 min Scan# 3538
 Delta R.T. 0.069 min
 Lab File: BG059948.D
 Acq: 5 Dec 2023 13:59

Tgt Ion:252 Resp: 5196714
 Ion Ratio Lower Upper
 252 100
 253 24.3 18.5 27.7
 125 1.3 1.2 1.8

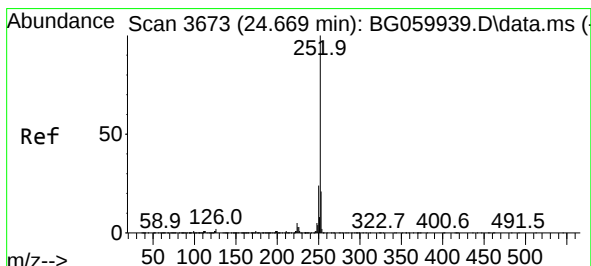
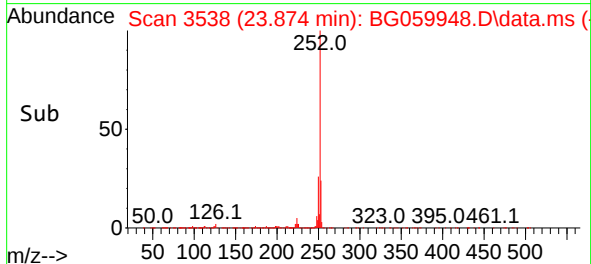
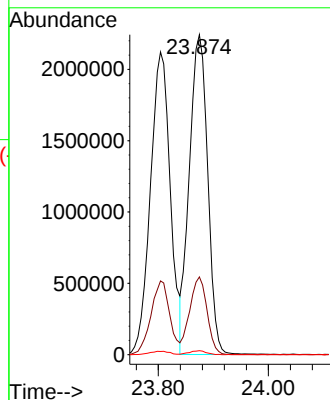
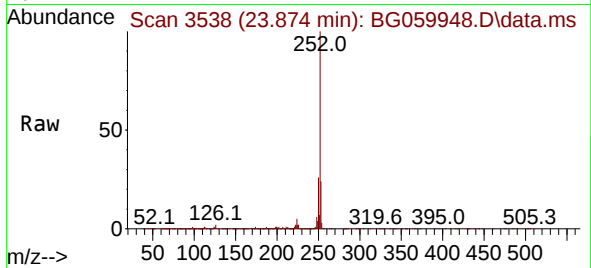




#89
Benzo(k)fluoranthene
Concen: 48.093 ng
RT: 23.874 min Scan# 3538
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

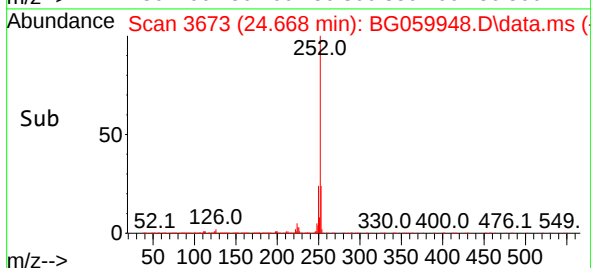
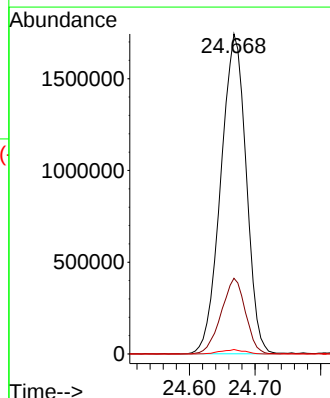
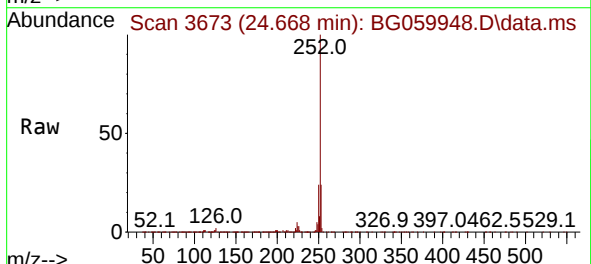
Instrument :
BNA_G
ClientSampleId :
PB157473BS

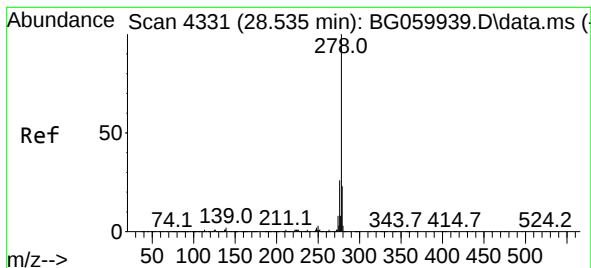
Tgt Ion:252 Resp: 5196714
Ion Ratio Lower Upper
252 100
253 24.3 18.3 27.5
125 1.3 1.3 1.9#



#90
Benzo(a)pyrene
Concen: 47.193 ng
RT: 24.668 min Scan# 3673
Delta R.T. -0.001 min
Lab File: BG059948.D
Acq: 5 Dec 2023 13:59

Tgt Ion:252 Resp: 4673800
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.6
125 1.4 0.9 1.3#





#91

Dibenzo(a,h)anthracene

Concen: 49.756 ng

RT: 28.540 min Scan# 41

Delta R.T. 0.004 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

Instrument :

BNA_G

ClientSampleId :

PB157473BS

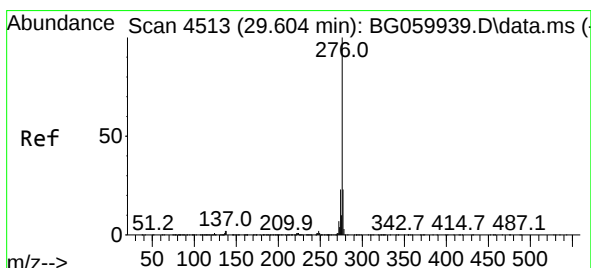
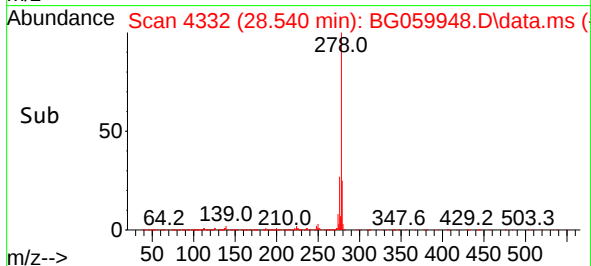
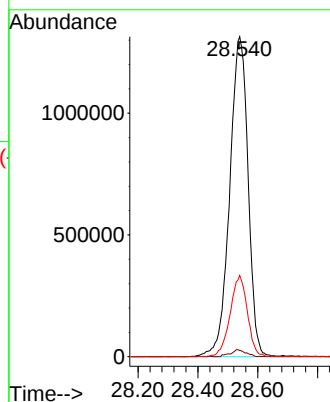
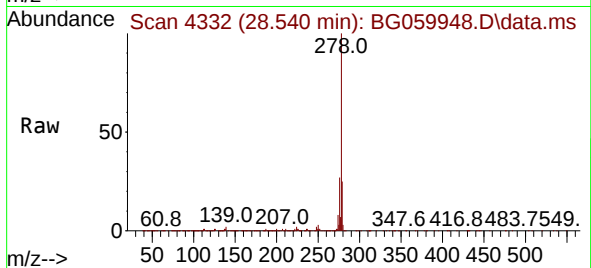
Tgt Ion:278 Resp: 5596701

Ion Ratio Lower Upper

278 100

139 1.9 1.7 2.5

279 25.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 48.253 ng

RT: 29.615 min Scan# 4515

Delta R.T. 0.010 min

Lab File: BG059948.D

Acq: 5 Dec 2023 13:59

Tgt Ion:276 Resp: 5249297

Ion Ratio Lower Upper

276 100

277 24.9 18.1 27.1

138 2.1 1.6 2.4

