

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059884.D
 Acq On : 25 Nov 2023 9:54
 Operator : MA/JU
 Sample : PB157208BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157208BSD

Quant Time: Nov 27 03:18:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	25587	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	122335	20.000	ng	# 0.00
39) Acenaphthene-d10	14.956	164	75288	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	180811	20.000	ng	# 0.00
76) Chrysene-d12	22.024	240	139082	20.000	ng	# 0.00
86) Perylene-d12	25.591	264	159270	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	256594	168.790	ng	0.00
7) Phenol-d6	7.447	99	316223	140.370	ng	0.00
23) Nitrobenzene-d5	9.521	82	332108	103.681	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	165515	193.758	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	611524	109.332	ng	0.00
79) Terphenyl-d14	20.274	244	1132870	120.245	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.640	88	20536	28.761	ng	# 90
3) Pyridine	4.057	79	53038	27.197	ng	# 88
4) n-Nitrosodimethylamine	3.987	42	45320	43.683	ng	# 57
6) Aniline	7.641	93	91494	30.775	ng	# 84
8) 2-Chlorophenol	7.870	128	86514	52.458	ng	86
9) Benzaldehyde	7.459	77	15092	9.911	ng	# 80
10) Phenol	7.477	94	122099	52.588	ng	97
11) bis(2-Chloroethyl)ether	7.729	93	61930	42.848	ng	97
12) 1,3-Dichlorobenzene	8.199	146	98694	53.876	ng	96
13) 1,4-Dichlorobenzene	8.352	146	98829	53.724	ng	99
14) 1,2-Dichlorobenzene	8.669	146	97895	53.563	ng	92
15) Benzyl Alcohol	8.564	79	147849	57.553	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.840	45	25368	47.705	ng	# 75
17) 2-Methylphenol	8.746	107	100466	58.747	ng	# 87
18) Hexachloroethane	9.404	117	47271	60.543	ng	# 87
19) n-Nitroso-di-n-propyla...	9.128	70	90588	51.063	ng	# 91
20) 3+4-Methylphenols	9.075	107	135588	57.111	ng	95
22) Acetophenone	9.163	105	194317	56.105	ng	98
24) Nitrobenzene	9.568	77	156943	53.200	ng	98
25) Isophorone	10.068	82	256048	47.615	ng	96
26) 2-Nitrophenol	10.268	139	64922	60.026	ng	87
27) 2,4-Dimethylphenol	10.297	122	108207	49.206	ng	87
28) bis(2-Chloroethoxy)met...	10.544	93	103495	51.215	ng	95
29) 2,4-Dichlorophenol	10.796	162	113788	60.606	ng	89
30) 1,2,4-Trichlorobenzene	11.008	180	109685	57.806	ng	# 95
31) Naphthalene	11.219	128	330346	53.702	ng	# 94
32) Benzoic acid	10.432	122	70601	47.175	ng	# 71
33) 4-Chloroaniline	11.331	127	62860	24.025	ng	95
34) Hexachlorobutadiene	11.437	225	73683	57.057	ng	# 86
35) Caprolactam	12.130	113	24423	35.593	ng	86
36) 4-Chloro-3-methylphenol	12.412	107	154191	61.752	ng	97
37) 2-Methylnaphthalene	12.800	142	258397	49.874	ng	88
38) 1-Methylnaphthalene	13.011	142	247695	51.842	ng	98
40) 1,2,4,5-Tetrachloroben...	13.141	216	133661	65.737	ng	96
41) Hexachlorocyclopentadiene	13.094	237	154454	121.100	ng	89
43) 2,4,6-Trichlorophenol	13.382	196	99299	70.230	ng	92

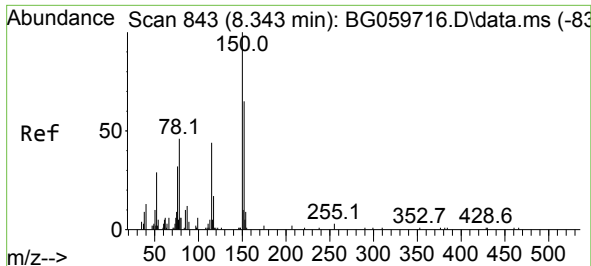
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.458	196	107544	64.733	ng	93
46) 1,1'-Biphenyl	13.793	154	349458	59.135	ng	96
47) 2-Chloronaphthalene	13.840	162	269291	66.319	ng #	84
48) 2-Nitroaniline	14.057	65	89088	61.451	ng #	78
49) Acenaphthylene	14.686	152	433902	62.670	ng #	94
50) Dimethylphthalate	14.398	163	347919	59.632	ng	99
51) 2,6-Dinitrotoluene	14.539	165	68856	62.210	ng	85
52) Acenaphthene	15.015	154	253412	60.860	ng	95
53) 3-Nitroaniline	14.874	138	43129	33.290	ng #	71
54) 2,4-Dinitrophenol	15.074	184	81839	99.503	ng #	61
55) Dibenzofuran	15.350	168	407300	59.329	ng	94
56) 4-Nitrophenol	15.162	139	105932	106.873	ng #	56
57) 2,4-Dinitrotoluene	15.315	165	97257	57.138	ng #	91
58) Fluorene	15.996	166	350870	61.517	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.479	232	87578	59.969	ng	96
60) Diethylphthalate	15.738	149	378790	60.535	ng	99
61) 4-Chlorophenyl-phenyle...	15.973	204	176528	60.131	ng #	94
62) 4-Nitroaniline	16.043	138	69075	53.199	ng #	78
63) Azobenzene	16.266	77	385251	55.402	ng	94
65) 4,6-Dinitro-2-methylph...	16.067	198	55328	50.071	ng	96
66) n-Nitrosodiphenylamine	16.196	169	304716	57.691	ng	95
67) 4-Bromophenyl-phenylether	16.872	248	111493	57.398	ng #	90
68) Hexachlorobenzene	16.966	284	115710	63.824	ng #	89
69) Atrazine	17.130	200	122373	72.263	ng	94
70) Pentachlorophenol	17.324	266	139217	100.653	ng #	82
71) Phenanthrene	17.747	178	510158	55.495	ng	96
72) Anthracene	17.747	178	510158	53.411	ng	97
73) Carbazole	18.111	167	435745	52.220	ng	97
74) Di-n-butylphthalate	18.611	149	541414	53.678	ng	98
75) Fluoranthene	19.733	202	594091	53.889	ng	99
77) Benzidine	19.921	184	214522	68.020	ng	98
78) Pyrene	20.103	202	546807	57.783	ng	97
80) Butylbenzylphthalate	20.955	149	226766	58.441	ng	92
81) Benzo(a)anthracene	22.001	228	532141	55.919	ng	96
82) 3,3'-Dichlorobenzidine	21.913	252	145925	41.159	ng	93
83) Chrysene	22.077	228	501236	57.457	ng	98
84) Bis(2-ethylhexyl)phtha...	21.825	149	324285	59.783	ng #	98
85) Di-n-octyl phthalate	23.147	149	531322	50.881	ng	98
87) Indeno(1,2,3-cd)pyrene	29.745	276	573085	47.553	ng #	73
88) Benzo(b)fluoranthene	24.427	252	596672	68.351	ng	97
89) Benzo(k)fluoranthene	24.516	252	508155	58.881	ng #	99
90) Benzo(a)pyrene	25.426	252	476521	51.148	ng #	98
91) Dibenzo(a,h)anthracene	29.804	278	572449	56.144	ng #	98
92) Benzo(g,h,i)perylene	31.043	276	311186	32.166	ng	97

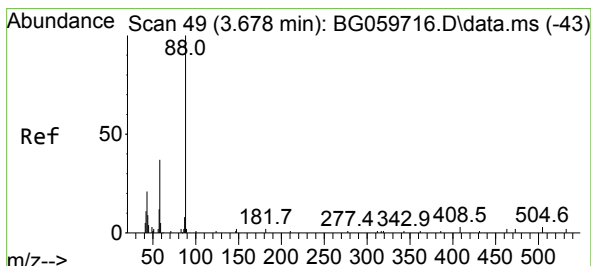
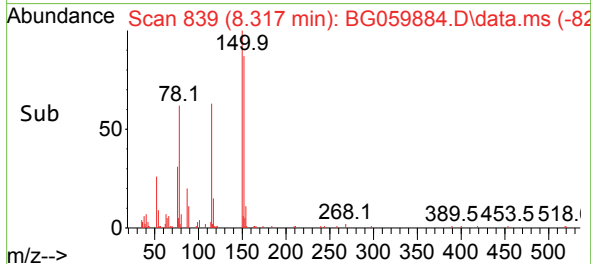
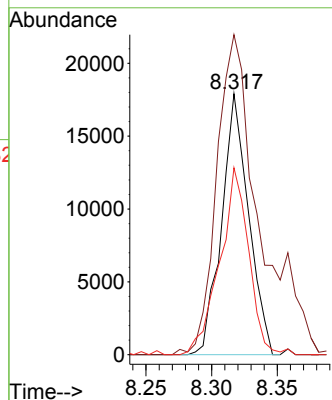
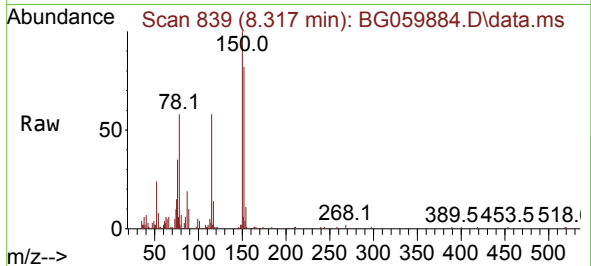
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG059884.D
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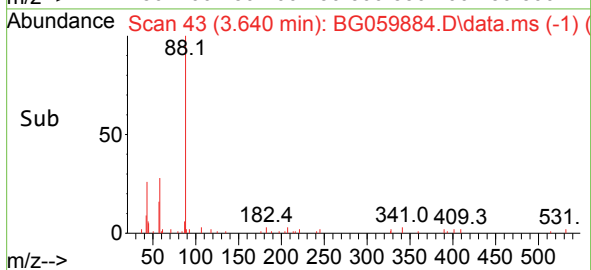
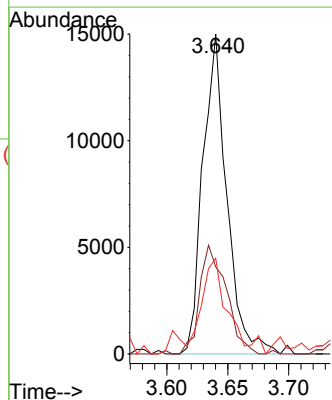
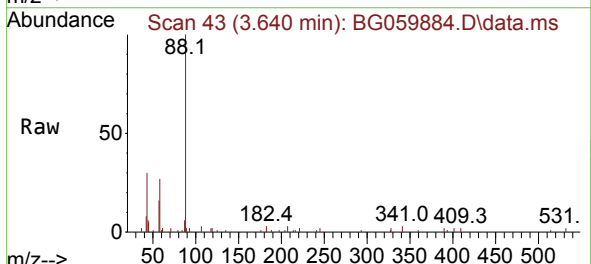
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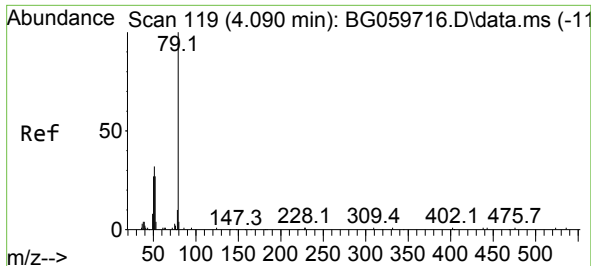
Tgt Ion:152 Resp: 25587
Ion Ratio Lower Upper
152 100
150 122.6 122.2 183.4
115 71.6 54.2 81.4



#2
1,4-Dioxane
Concen: 28.761 ng
RT: 3.640 min Scan# 43
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion: 88 Resp: 20536
Ion Ratio Lower Upper
88 100
58 37.8 28.6 42.8
43 31.0 17.5 26.3

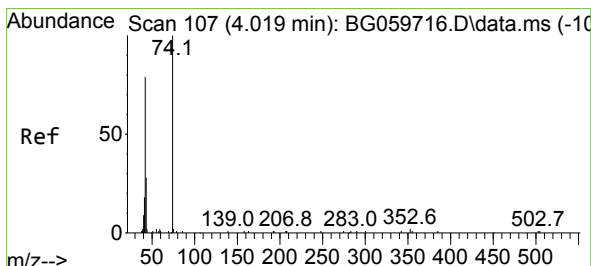
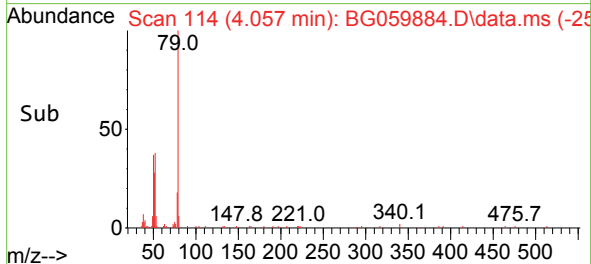
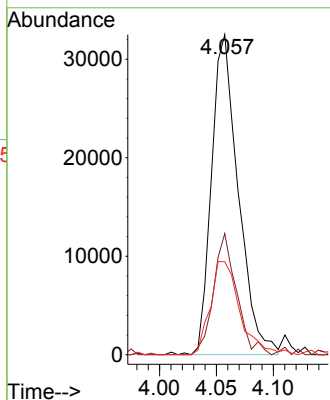
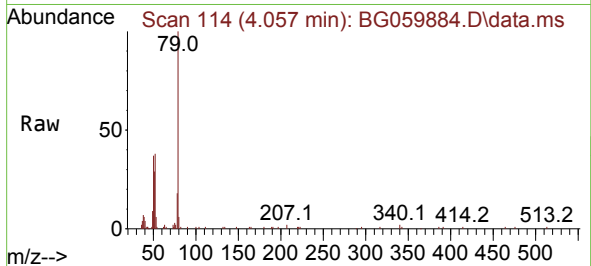




#3
 Pyridine
 Concen: 27.197 ng
 RT: 4.057 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BG059884.D
 Acq: 25 Nov 2023 9:54

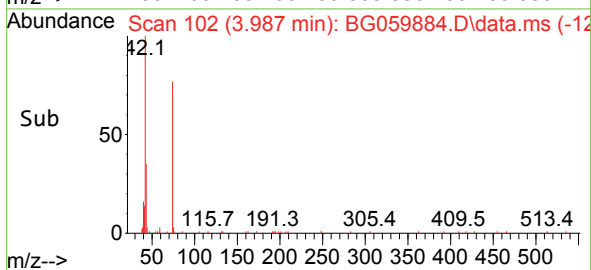
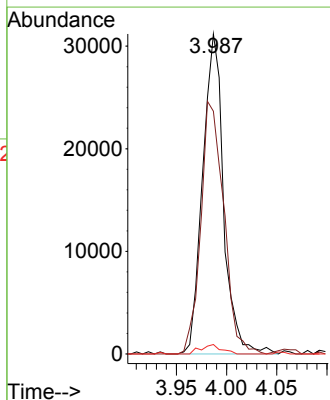
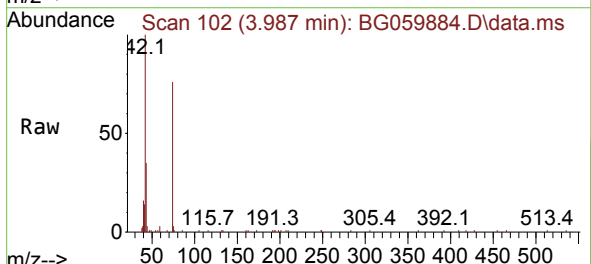
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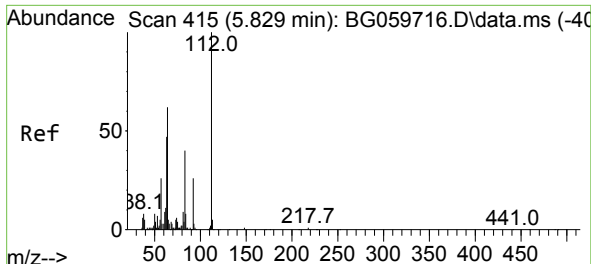
Tgt Ion: 79 Resp: 53038
 Ion Ratio Lower Upper
 79 100
 52 37.9 21.6 32.4#
 51 29.0 25.3 37.9



#4
 n-Nitrosodimethylamine
 Concen: 43.683 ng
 RT: 3.987 min Scan# 102
 Delta R.T. -0.004 min
 Lab File: BG059884.D
 Acq: 25 Nov 2023 9:54

Tgt Ion: 42 Resp: 45320
 Ion Ratio Lower Upper
 42 100
 74 75.9 101.2 151.8#
 44 3.0 2.4 3.6

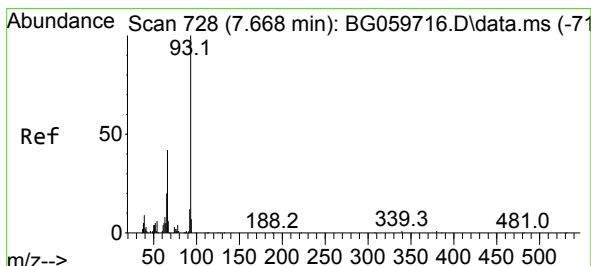
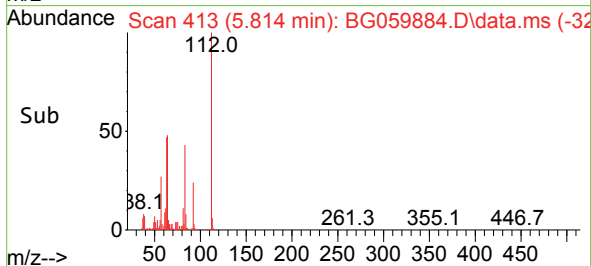
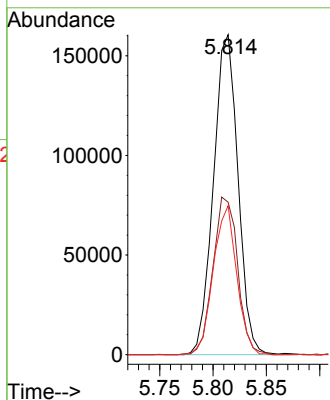
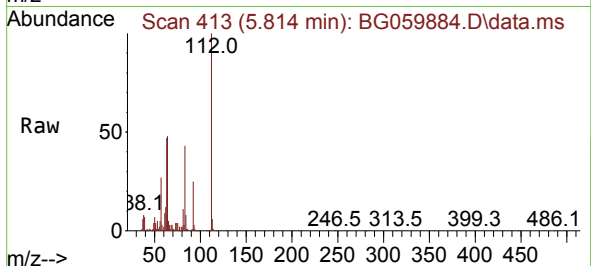




#5
2-Fluorophenol
Concen: 168.790 ng
RT: 5.814 min Scan# 415
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

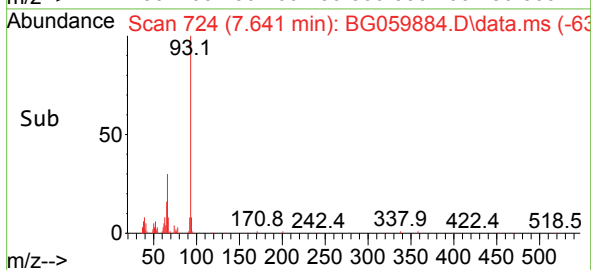
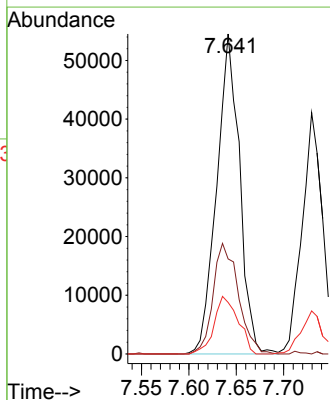
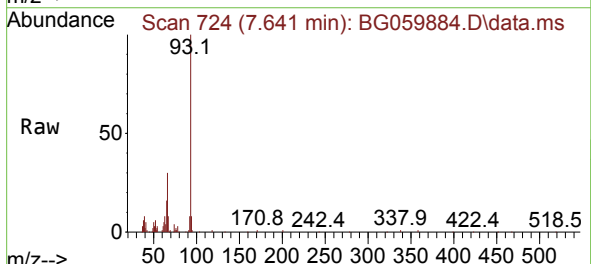
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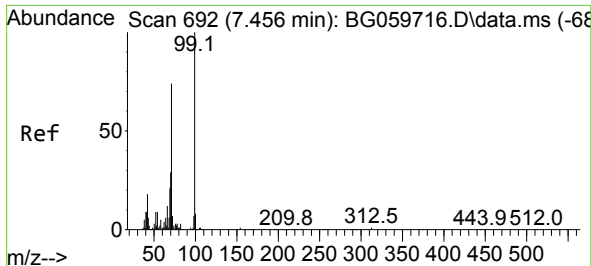
Tgt Ion:112 Resp: 256594
Ion Ratio Lower Upper
112 100
64 47.6 49.5 74.3#
63 46.5 37.4 56.2



#6
Aniline
Concen: 30.775 ng
RT: 7.641 min Scan# 724
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion: 93 Resp: 91494
Ion Ratio Lower Upper
93 100
66 29.7 33.9 50.9#
65 16.1 15.8 23.8

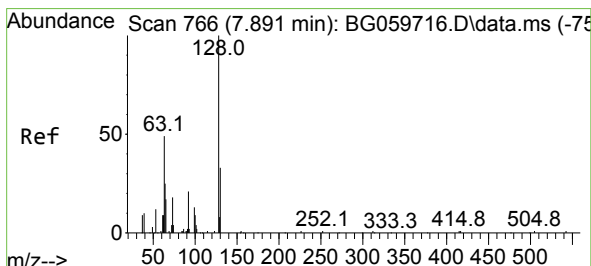
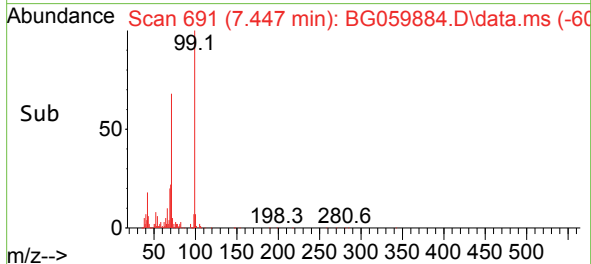
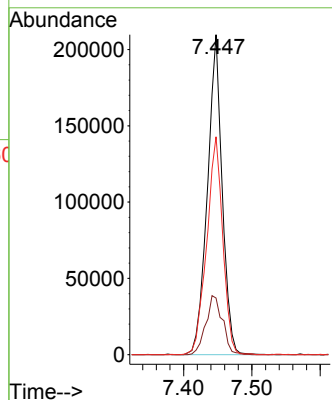
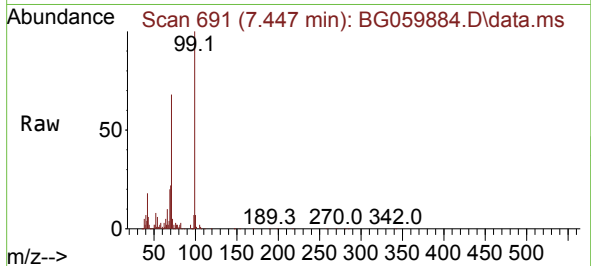




#7
Phenol-d6
Concen: 140.370 ng
RT: 7.447 min Scan# 691
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

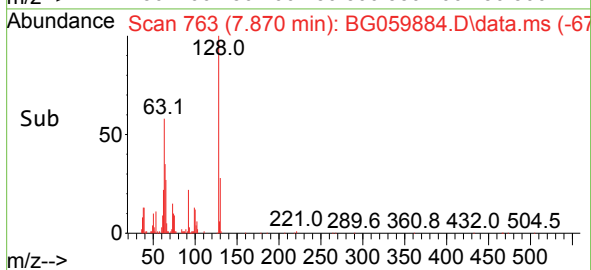
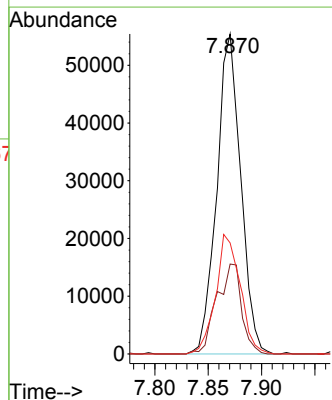
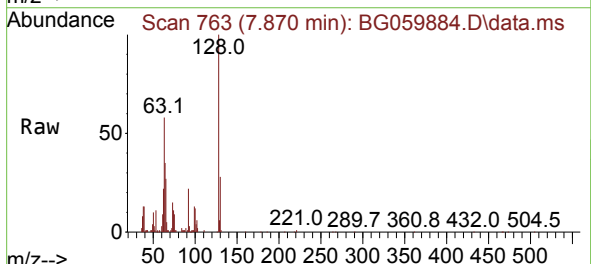
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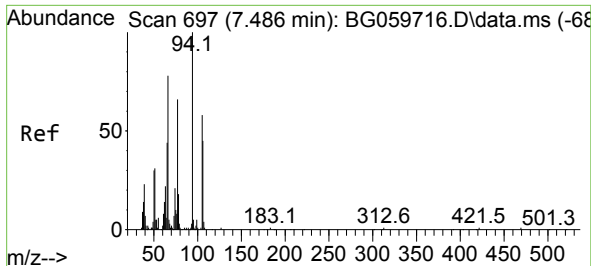
Tgt Ion: 99 Resp: 316223
Ion Ratio Lower Upper
99 100
42 17.7 14.3 21.5
71 68.1 59.3 88.9



#8
2-Chlorophenol
Concen: 52.458 ng
RT: 7.870 min Scan# 763
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:128 Resp: 86514
Ion Ratio Lower Upper
128 100
130 28.1 13.1 53.1
64 34.7 27.0 67.0

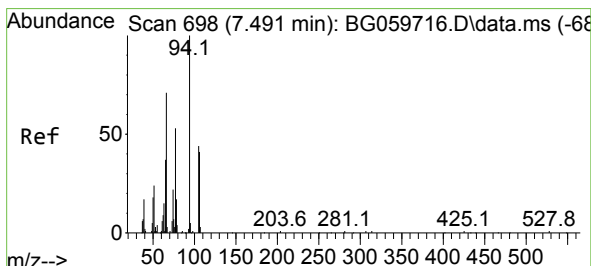
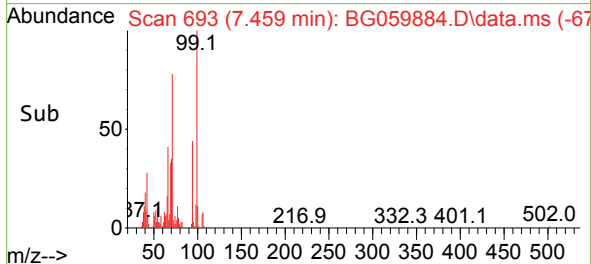
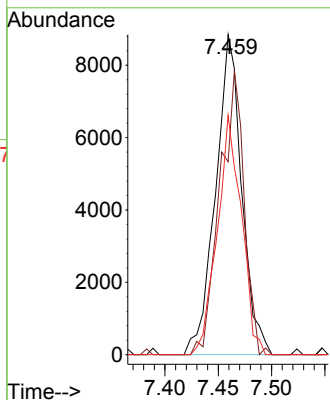
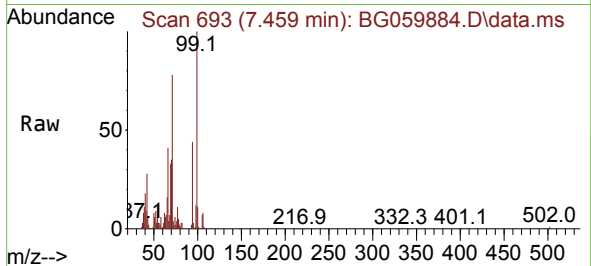




#9
Benzaldehyde
Concen: 9.911 ng
RT: 7.459 min Scan# 691
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

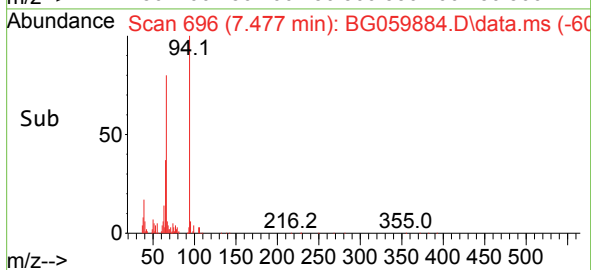
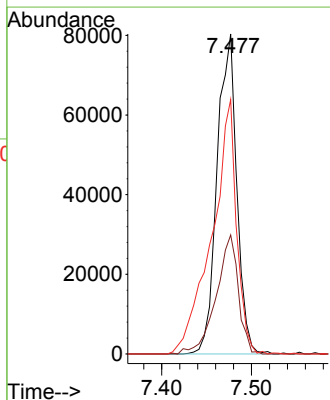
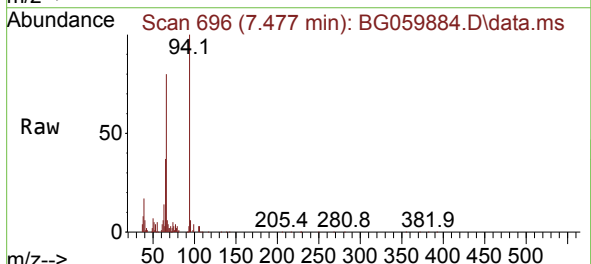
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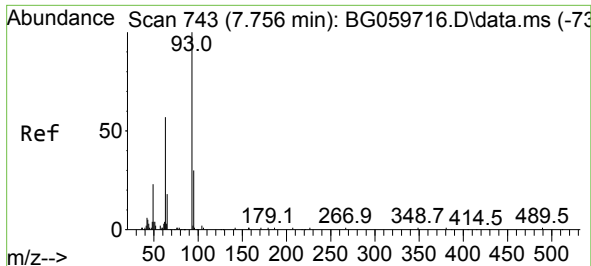
Tgt Ion: 77 Resp: 15092
Ion Ratio Lower Upper
77 100
105 60.3 68.0 108.0#
106 74.7 48.1 88.1



#10
Phenol
Concen: 52.588 ng
RT: 7.477 min Scan# 696
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion: 94 Resp: 122099
Ion Ratio Lower Upper
94 100
65 37.2 18.1 58.1
66 79.5 56.6 96.6

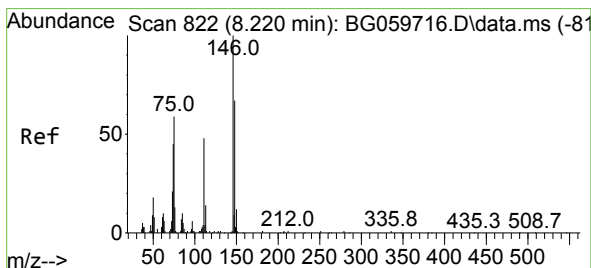
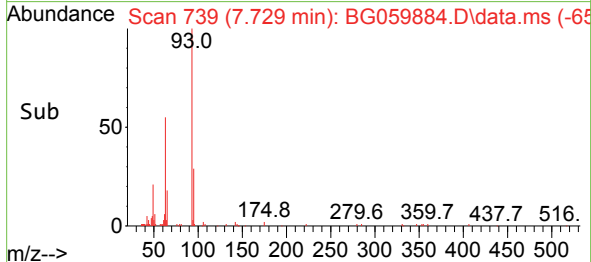
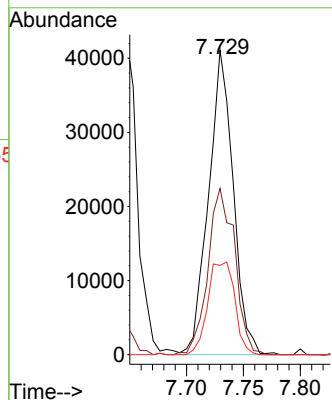
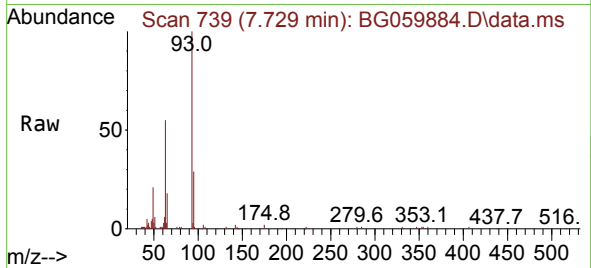




#11
bis(2-Chloroethyl)ether
Concen: 42.848 ng
RT: 7.729 min Scan# 711
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

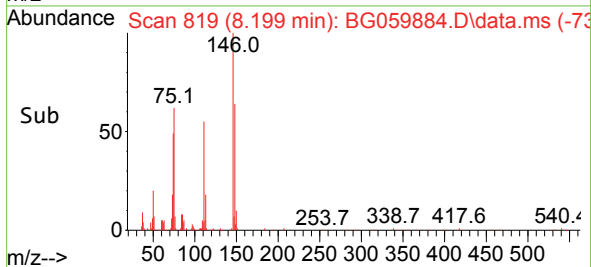
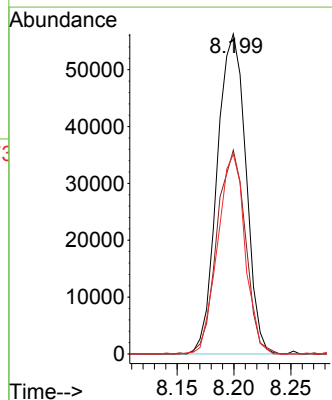
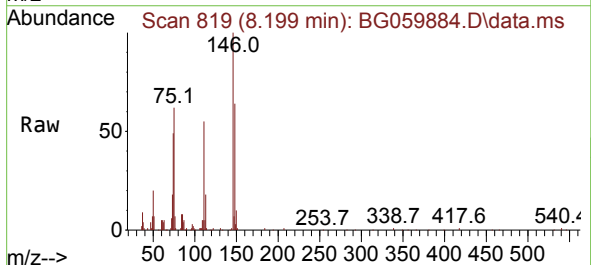
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

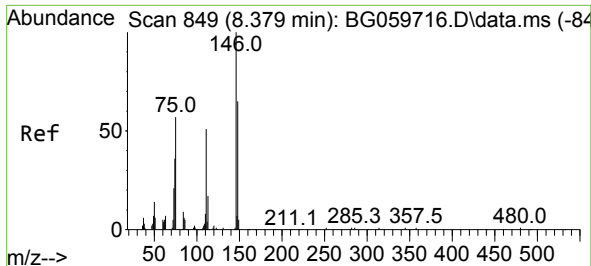
Tgt Ion: 93 Resp: 61930
Ion Ratio Lower Upper
93 100
63 54.6 37.2 77.2
95 29.3 10.2 50.2



#12
1,3-Dichlorobenzene
Concen: 53.876 ng
RT: 8.199 min Scan# 819
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:146 Resp: 98694
Ion Ratio Lower Upper
146 100
148 63.7 53.9 80.9
75 62.5 47.5 71.3

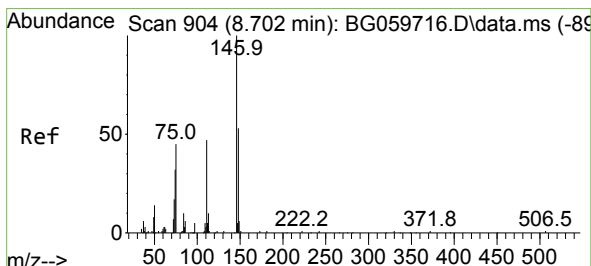
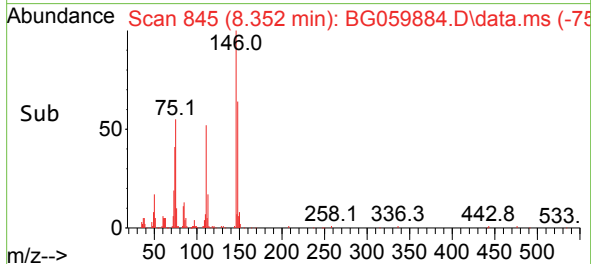
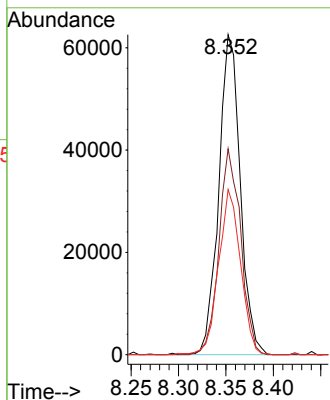
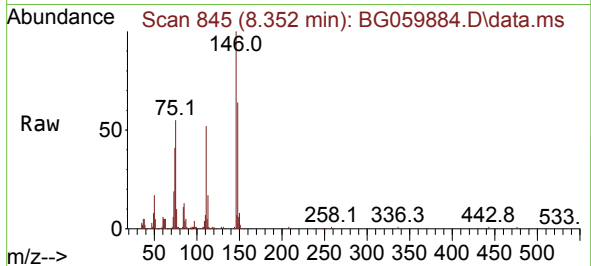




#13
1,4-Dichlorobenzene
Concen: 53.724 ng
RT: 8.352 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

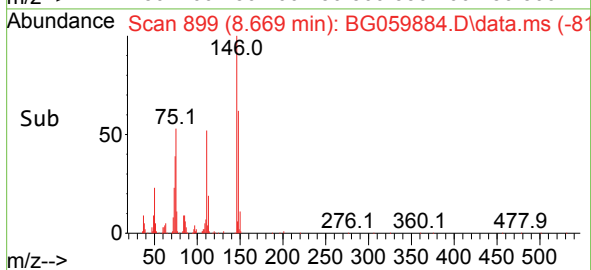
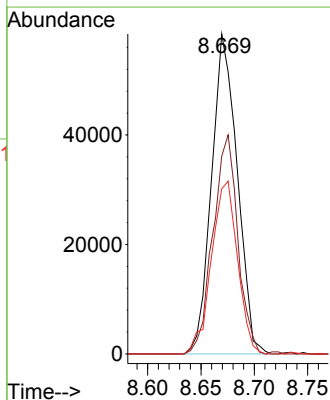
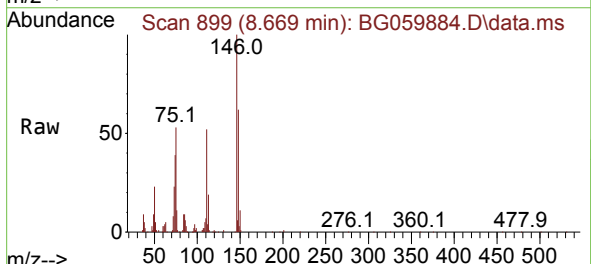
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

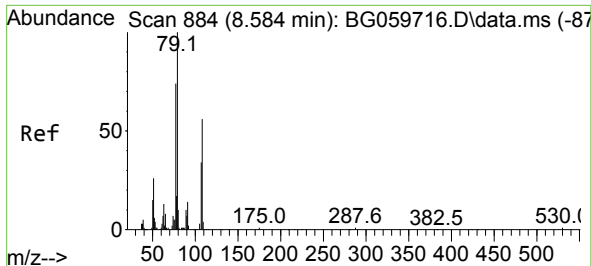
Tgt Ion:146 Resp: 98829
Ion Ratio Lower Upper
146 100
148 64.4 52.3 78.5
111 51.6 41.2 61.8



#14
1,2-Dichlorobenzene
Concen: 53.563 ng
RT: 8.669 min Scan# 899
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:146 Resp: 97895
Ion Ratio Lower Upper
146 100
148 61.8 43.1 64.7
111 51.6 38.3 57.5

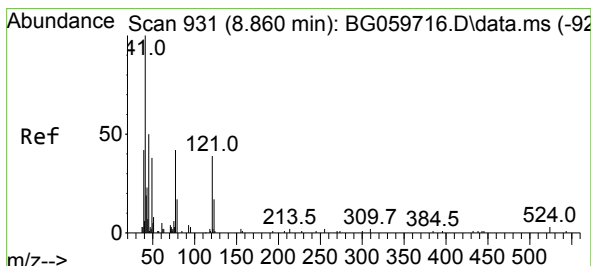
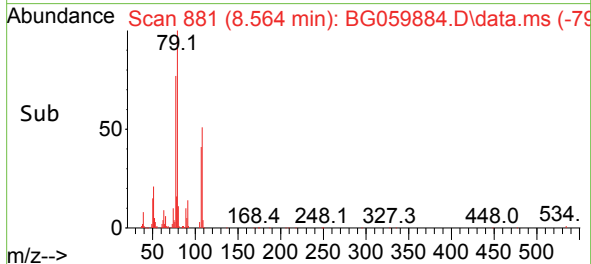
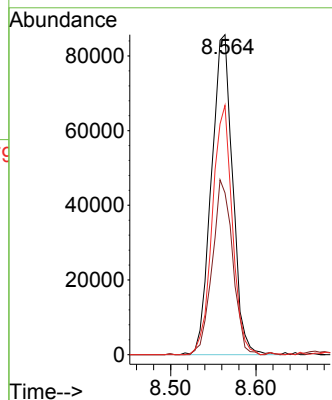
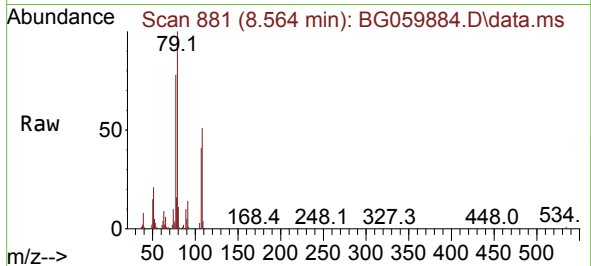




#15
Benzyl Alcohol
Concen: 57.553 ng
RT: 8.564 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

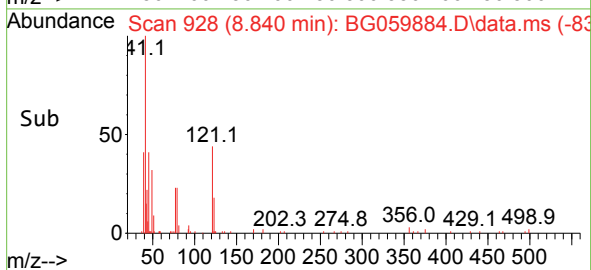
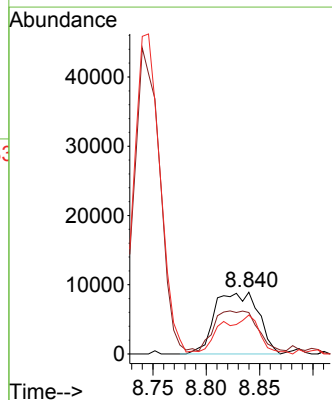
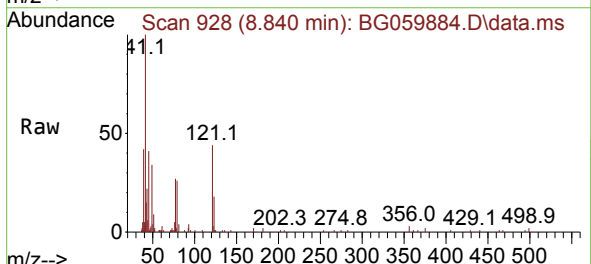
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

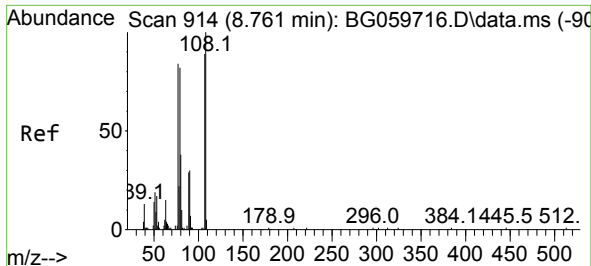
Tgt Ion: 79 Resp: 147849
Ion Ratio Lower Upper
79 100
108 50.6 45.4 68.2
77 77.9 59.4 89.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.705 ng
RT: 8.840 min Scan# 928
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion: 45 Resp: 25368
Ion Ratio Lower Upper
45 100
77 67.1 63.6 103.6
79 63.1 19.6 59.6#

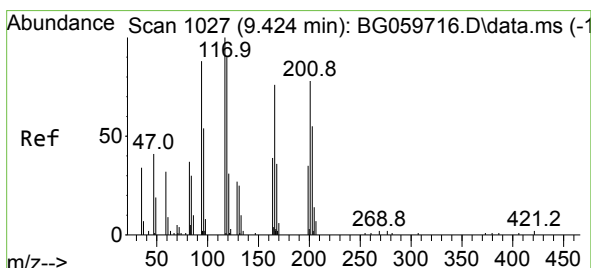
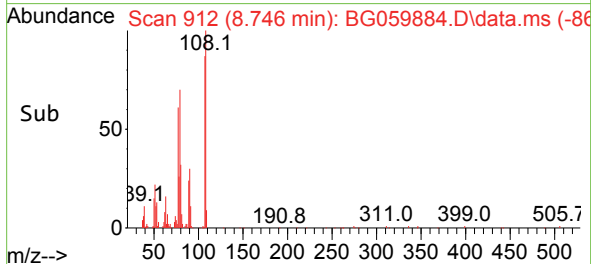
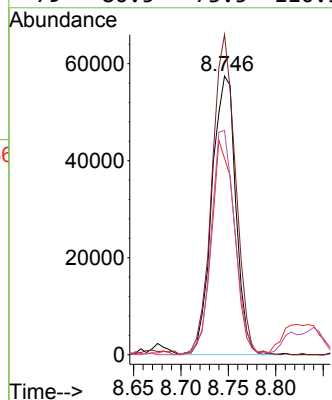
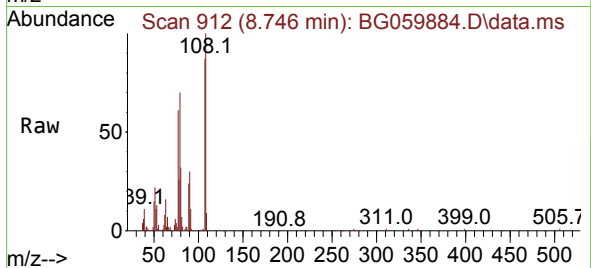




#17
2-Methylphenol
Concen: 58.747 ng
RT: 8.746 min Scan# 914
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

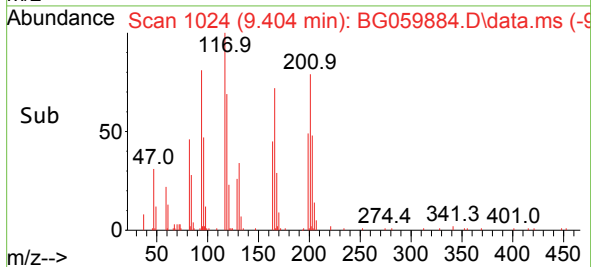
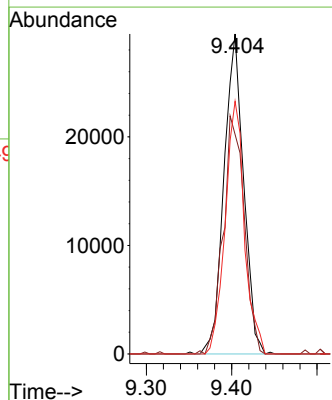
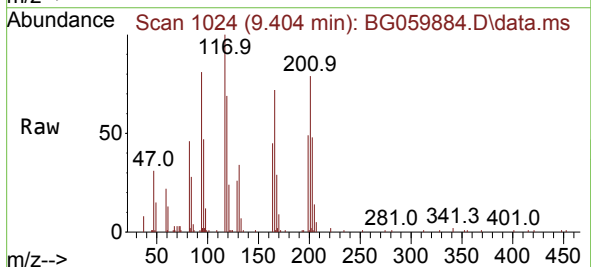
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

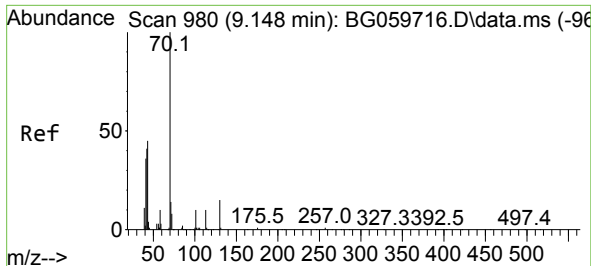
Tgt Ion:107 Resp: 100466
Ion Ratio Lower Upper
107 100
108 114.9 90.0 135.0
77 70.5 76.5 114.7#
79 80.5 73.5 110.3



#18
Hexachloroethane
Concen: 60.543 ng
RT: 9.404 min Scan# 1024
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:117 Resp: 47271
Ion Ratio Lower Upper
117 100
119 68.6 71.8 107.8#
201 79.0 62.2 93.4





#19

n-Nitroso-di-n-propylamine

Concen: 51.063 ng

RT: 9.128 min Scan# 91

Delta R.T. -0.004 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

Tgt Ion: 70 Resp: 90588

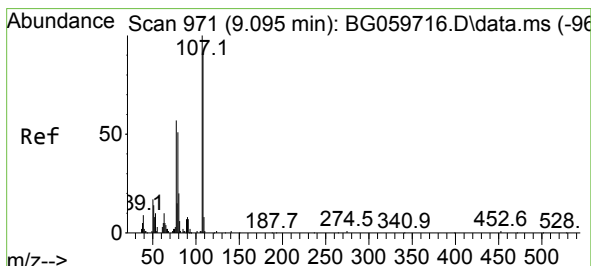
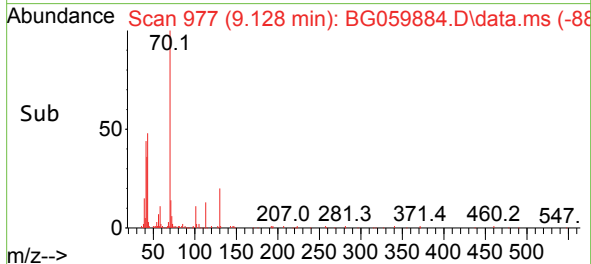
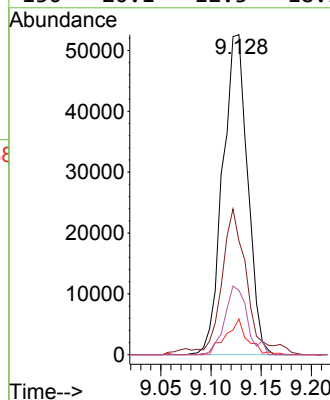
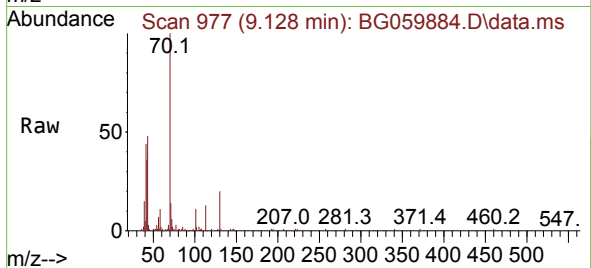
Ion Ratio Lower Upper

70 100

42 35.5 32.8 49.2

101 11.1 7.7 11.5

130 20.1 12.3 18.5#



#20

3+4-Methylphenols

Concen: 57.111 ng

RT: 9.075 min Scan# 968

Delta R.T. -0.015 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Tgt Ion: 107 Resp: 135588

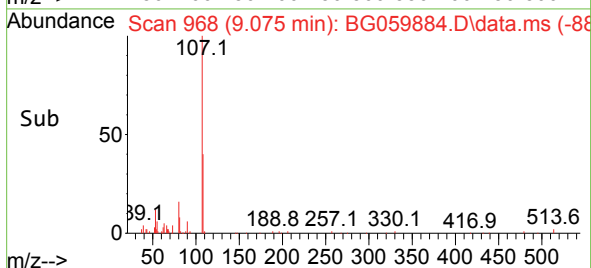
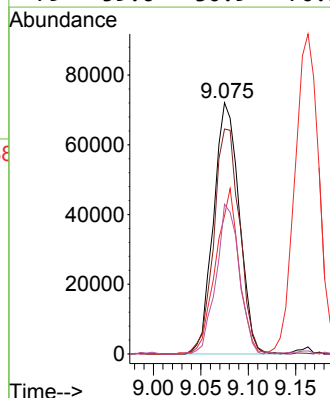
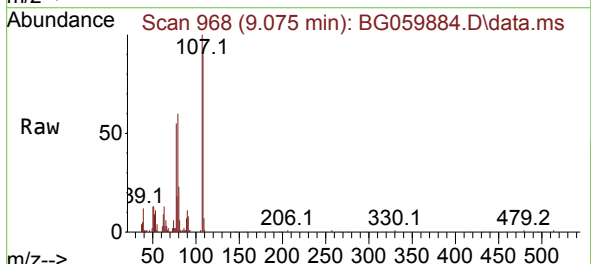
Ion Ratio Lower Upper

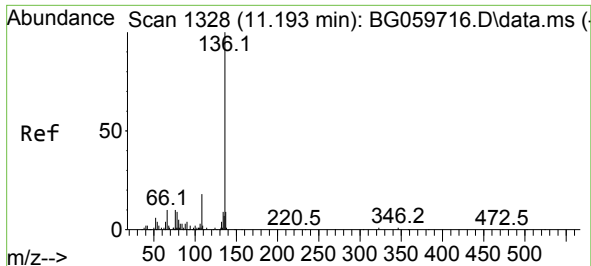
107 100

108 89.6 71.1 111.1

77 55.0 37.5 77.5

79 59.6 30.9 70.9

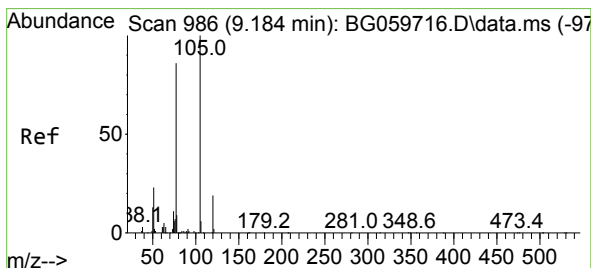
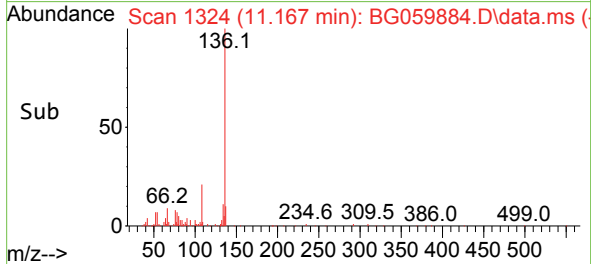
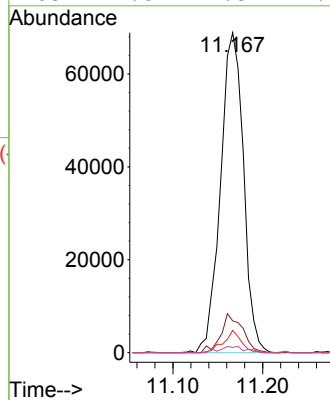
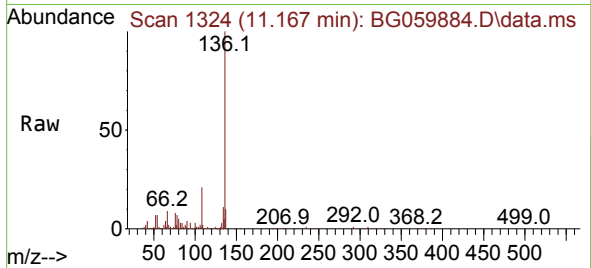




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

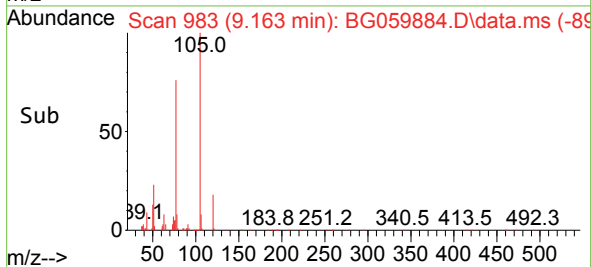
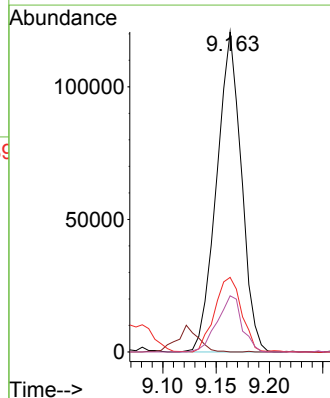
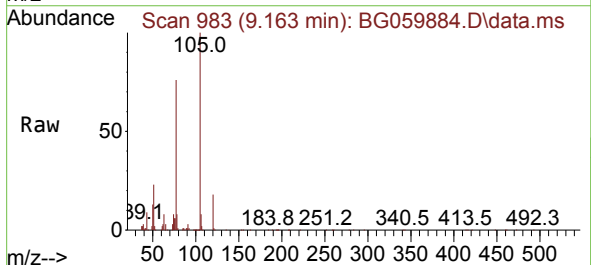
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

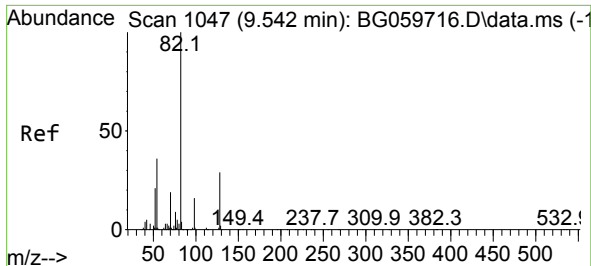
Tgt Ion:136 Resp: 122335
Ion Ratio Lower Upper
136 100
137 9.9 7.4 11.0
54 7.0 3.1 4.7#
68 1.6 1.8 2.8#



#22
Acetophenone
Concen: 56.105 ng
RT: 9.163 min Scan# 983
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:105 Resp: 194317
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 23.3 18.4 27.6
120 17.6 15.0 22.6

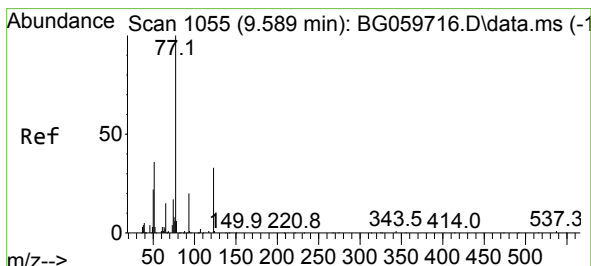
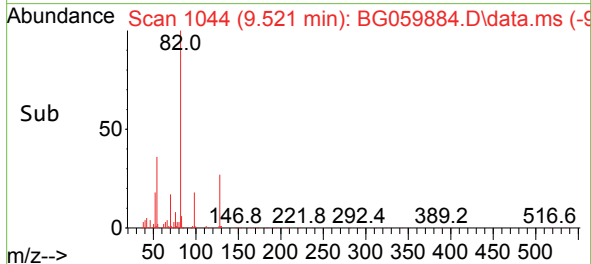
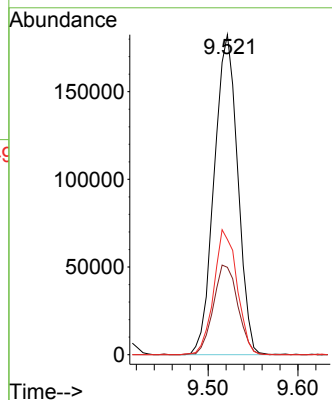
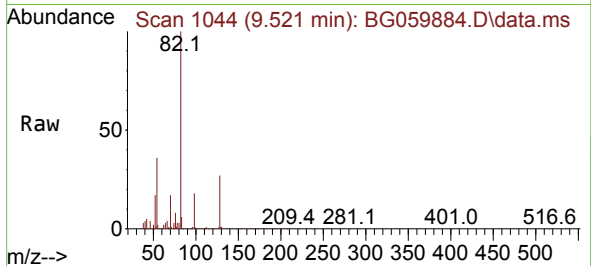




#23
Nitrobenzene-d5
Concen: 103.681 ng
RT: 9.521 min Scan# 1044
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

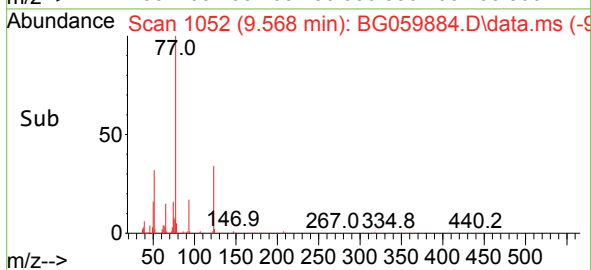
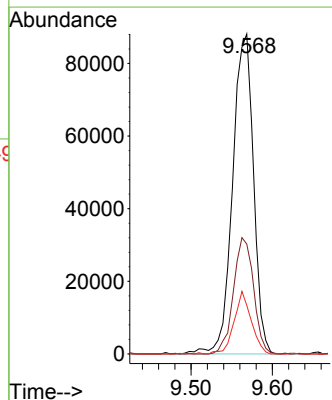
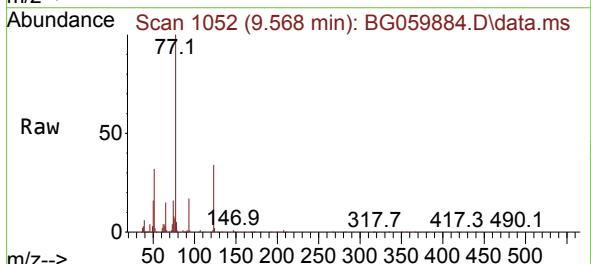
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

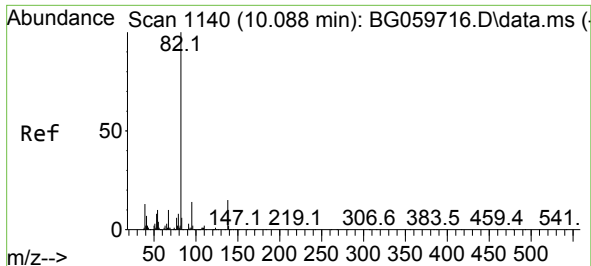
Tgt Ion: 82 Resp: 332108
Ion Ratio Lower Upper
82 100
128 27.3 23.0 34.6
54 36.0 28.7 43.1



#24
Nitrobenzene
Concen: 53.200 ng
RT: 9.568 min Scan# 1052
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion: 77 Resp: 156943
Ion Ratio Lower Upper
77 100
123 34.3 26.1 39.1
65 15.2 12.1 18.1

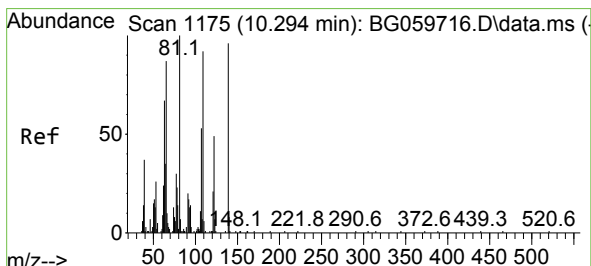
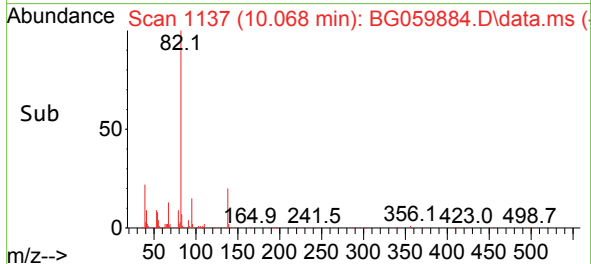
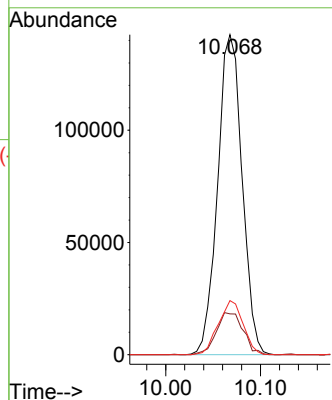
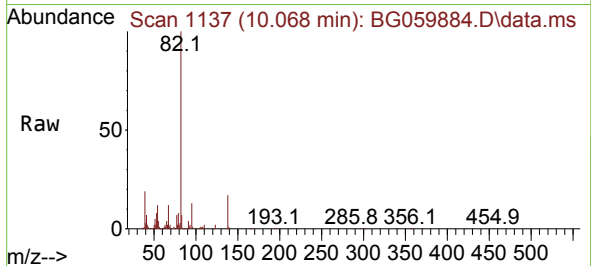




#25
Isophorone
Concen: 47.615 ng
RT: 10.068 min Scan# 1137
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

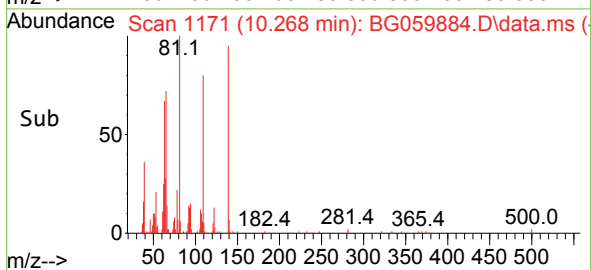
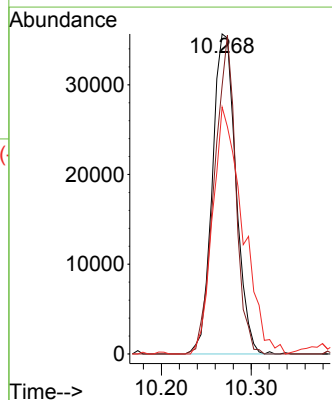
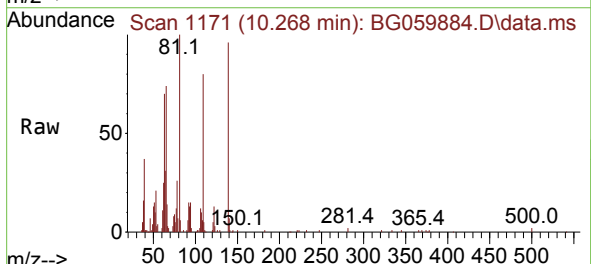
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

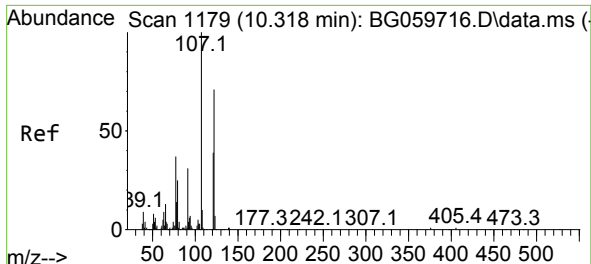
Tgt Ion: 82 Resp: 256048
Ion Ratio Lower Upper
82 100
95 12.8 11.4 17.0
138 16.9 12.1 18.1



#26
2-Nitrophenol
Concen: 60.026 ng
RT: 10.268 min Scan# 1171
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:139 Resp: 64922
Ion Ratio Lower Upper
139 100
109 83.9 76.7 115.1
65 77.2 72.1 108.1





#27

2,4-Dimethylphenol

Concen: 49.206 ng

RT: 10.297 min Scan# 1176

Delta R.T. -0.004 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

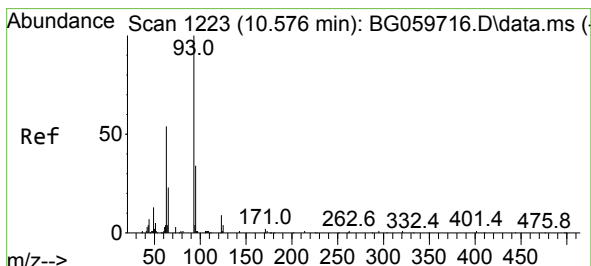
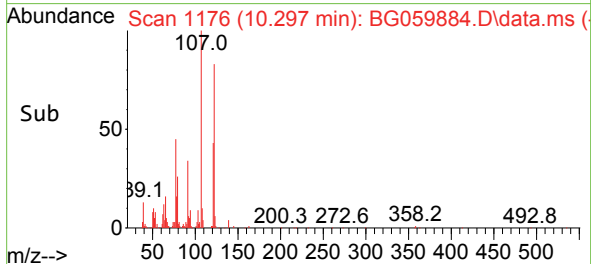
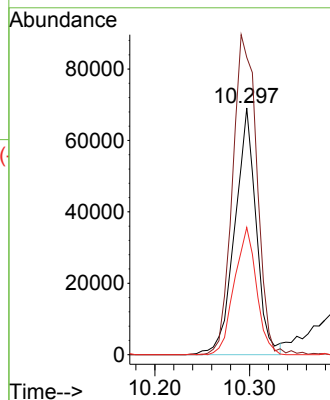
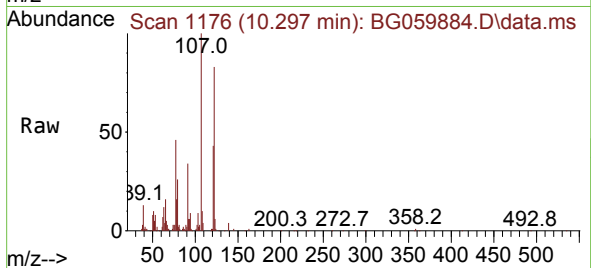
Tgt Ion:122 Resp: 108207

Ion Ratio Lower Upper

122 100

107 120.4 112.1 168.1

121 51.5 43.2 64.8



#28

bis(2-Chloroethoxy)methane

Concen: 51.215 ng

RT: 10.544 min Scan# 1218

Delta R.T. -0.015 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

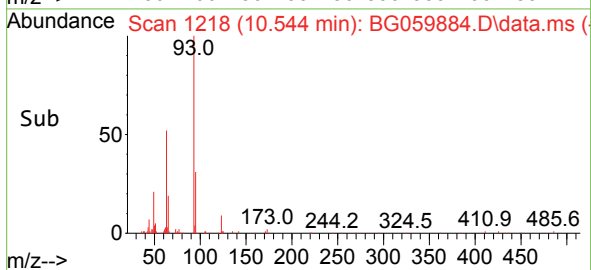
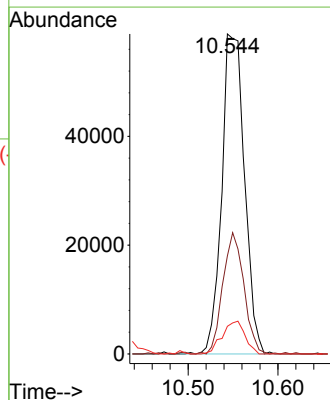
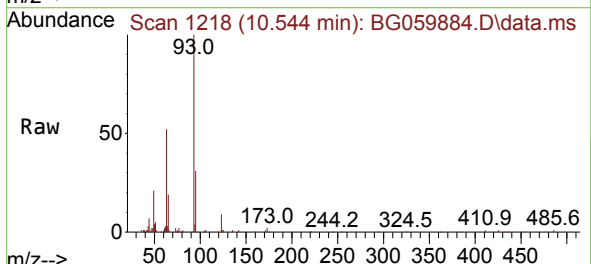
Tgt Ion: 93 Resp: 103495

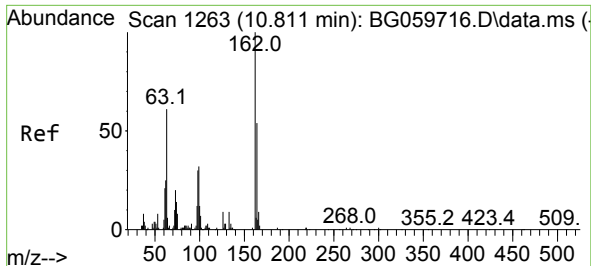
Ion Ratio Lower Upper

93 100

95 30.6 27.0 40.6

123 9.1 7.6 11.4

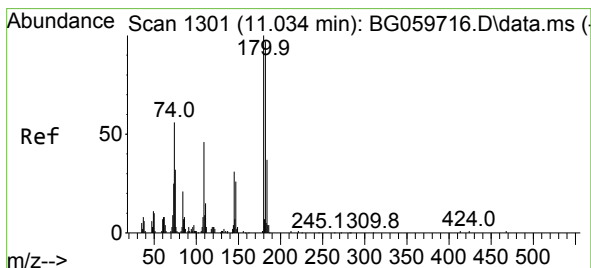
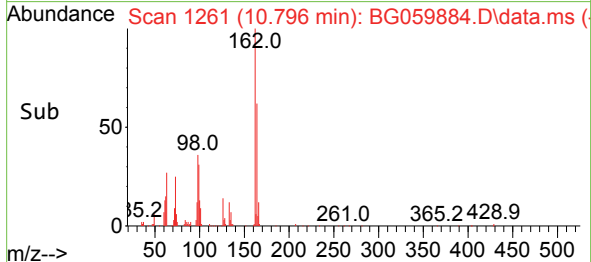
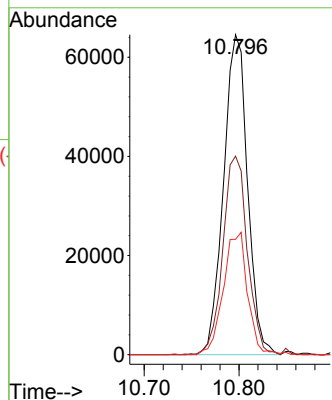
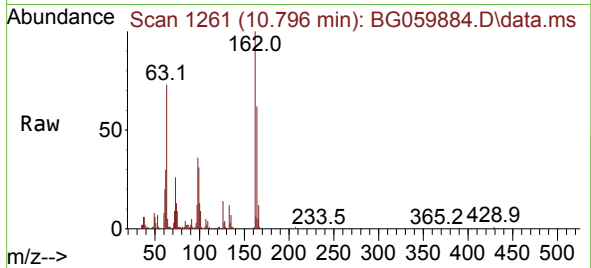




#29
2,4-Dichlorophenol
Concen: 60.606 ng
RT: 10.796 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

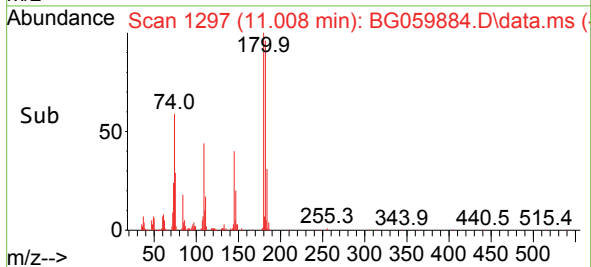
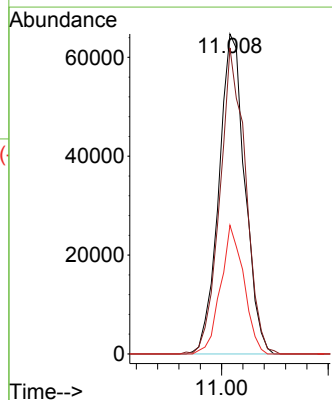
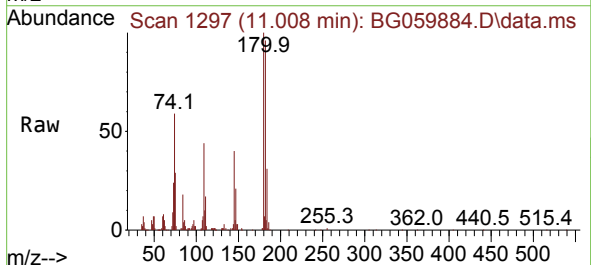
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

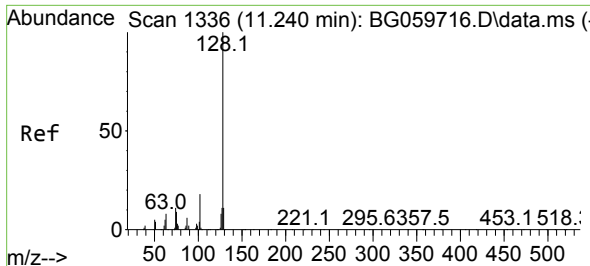
Tgt Ion:162 Resp: 113788
Ion Ratio Lower Upper
162 100
164 62.1 33.6 73.6
98 36.0 10.7 50.7



#30
1,2,4-Trichlorobenzene
Concen: 57.806 ng
RT: 11.008 min Scan# 1297
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:180 Resp: 109685
Ion Ratio Lower Upper
180 100
182 95.7 77.4 116.2
145 40.2 24.4 36.6#

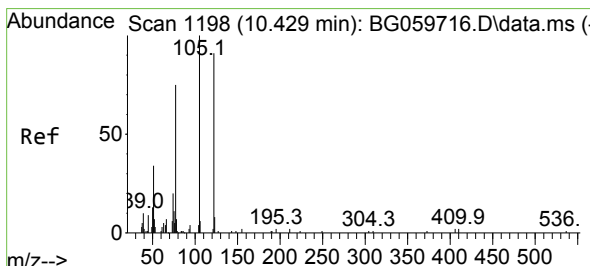
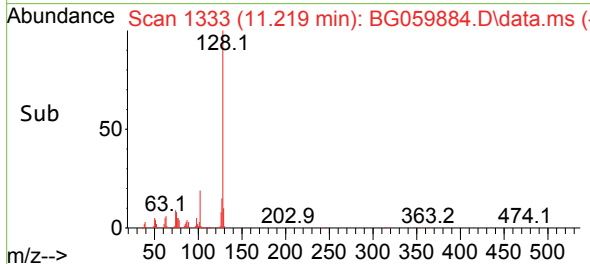
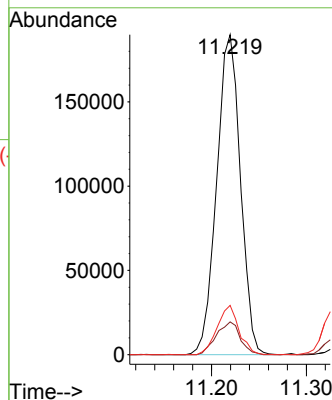
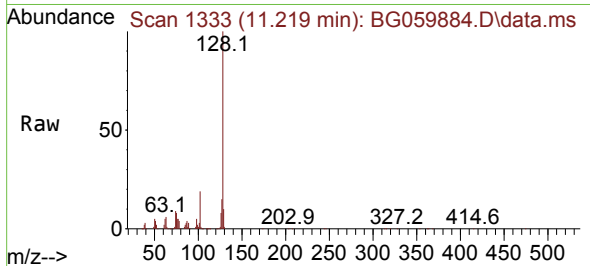




#31
Naphthalene
Concen: 53.702 ng
RT: 11.219 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

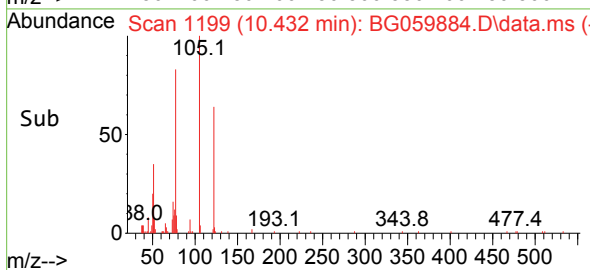
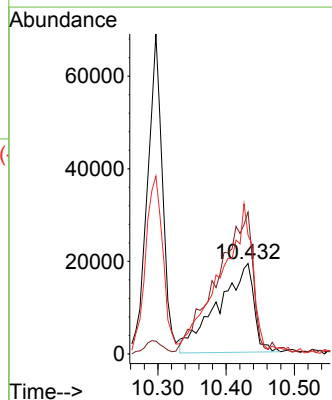
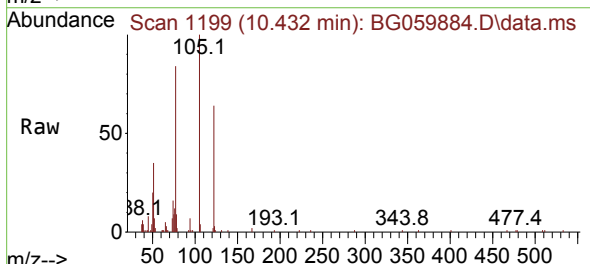
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

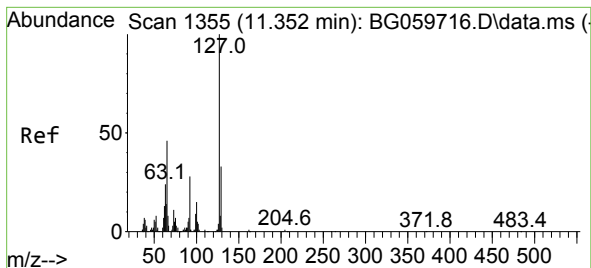
Tgt Ion:128 Resp: 330346
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 15.4 9.2 13.8#



#32
Benzoic acid
Concen: 47.175 ng
RT: 10.432 min Scan# 1199
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:122 Resp: 70601
Ion Ratio Lower Upper
122 100
105 156.9 103.7 143.7#
77 131.5 82.3 122.3#

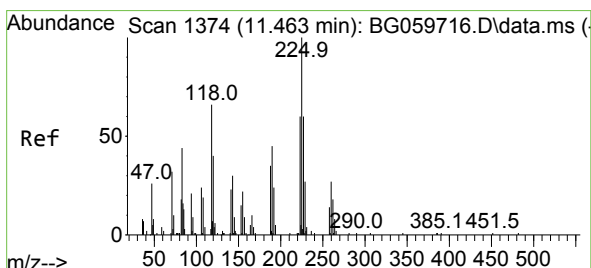
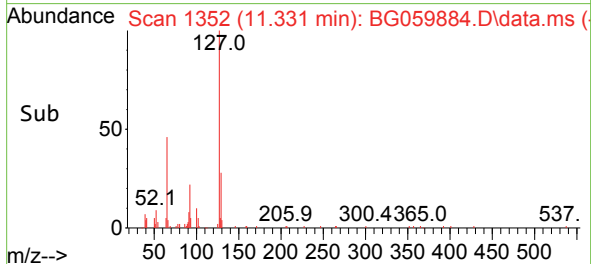
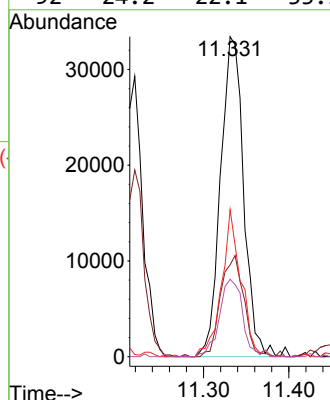
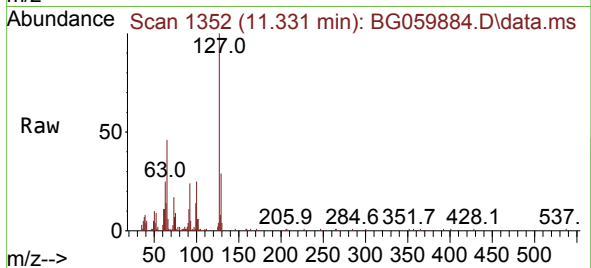




#33
4-Chloroaniline
Concen: 24.025 ng
RT: 11.331 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

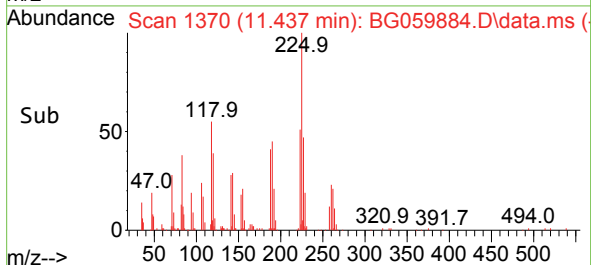
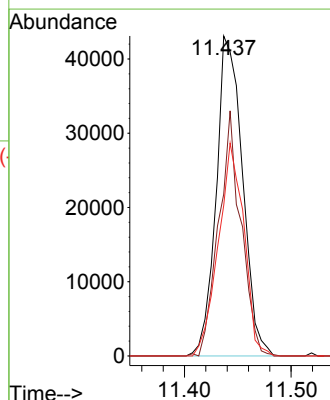
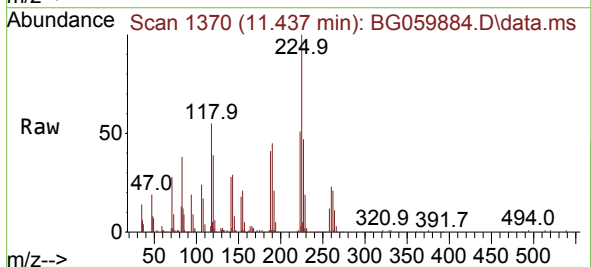
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

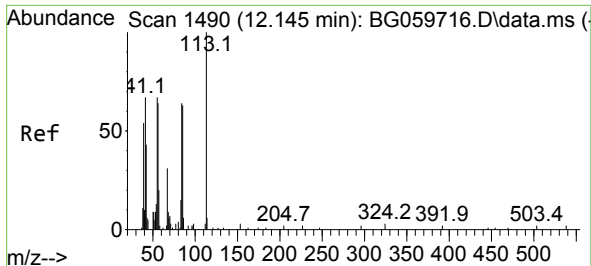
Tgt Ion:127	Resp:	62860
Ion Ratio	Lower	Upper
127	100	
129	28.7	26.8 40.2
65	45.9	36.5 54.7
92	24.2	22.1 33.1



#34
Hexachlorobutadiene
Concen: 57.057 ng
RT: 11.437 min Scan# 1370
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:225	Resp:	73683
Ion Ratio	Lower	Upper
225	100	
223	50.6	46.6 69.8
227	47.1	48.2 72.2#

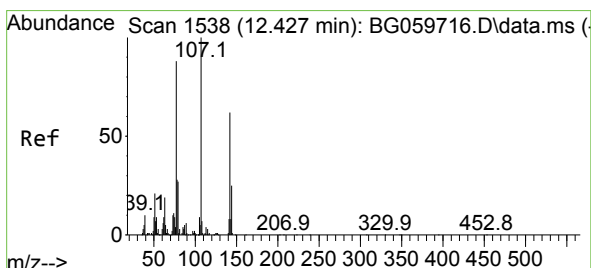
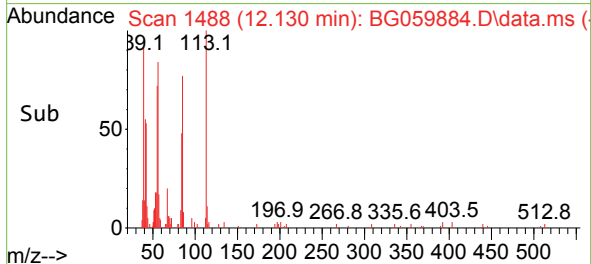
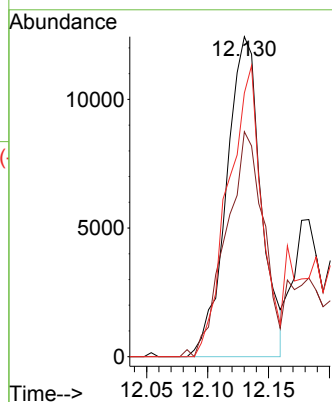
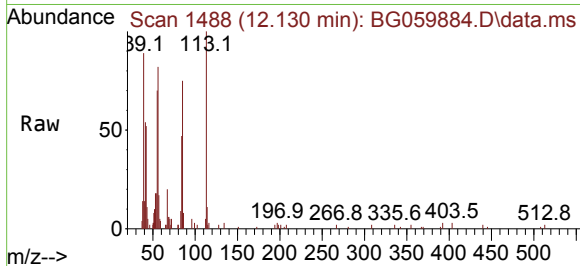




#35
 Caprolactam
 Concen: 35.593 ng
 RT: 12.130 min Scan# 1490
 Delta R.T. -0.015 min
 Lab File: BG059884.D
 Acq: 25 Nov 2023 9:54

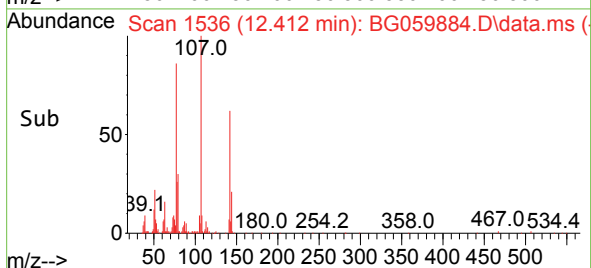
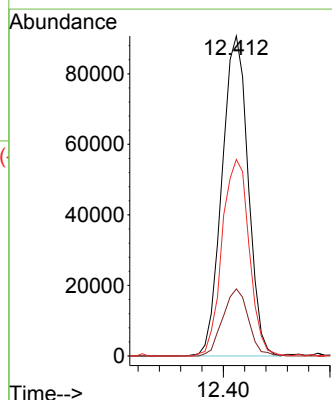
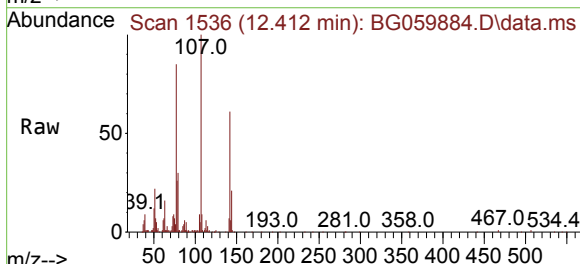
Instrument :
 BNA_G
 ClientSampleId :
 PB157208BSD

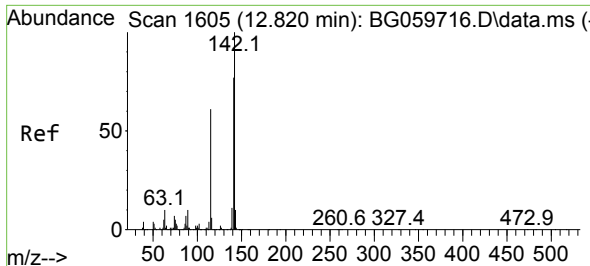
Tgt Ion:113 Resp: 24423
 Ion Ratio Lower Upper
 113 100
 55 70.3 47.1 87.1
 56 82.4 43.7 83.7



#36
 4-Chloro-3-methylphenol
 Concen: 61.752 ng
 RT: 12.412 min Scan# 1536
 Delta R.T. -0.004 min
 Lab File: BG059884.D
 Acq: 25 Nov 2023 9:54

Tgt Ion:107 Resp: 154191
 Ion Ratio Lower Upper
 107 100
 144 21.0 20.2 30.4
 142 61.4 49.4 74.0

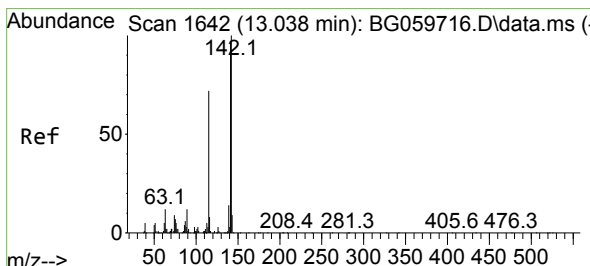
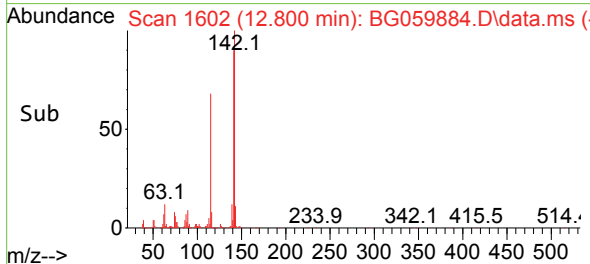
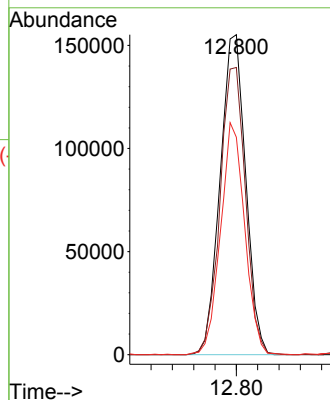
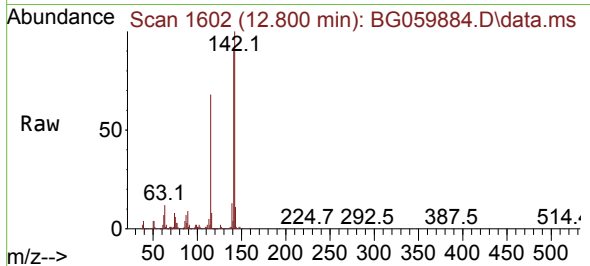




#37
2-Methylnaphthalene
Concen: 49.874 ng
RT: 12.800 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

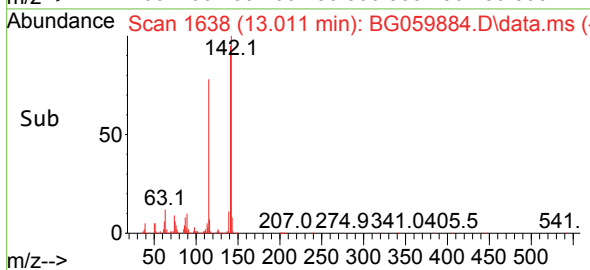
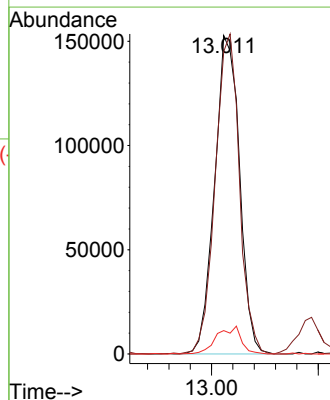
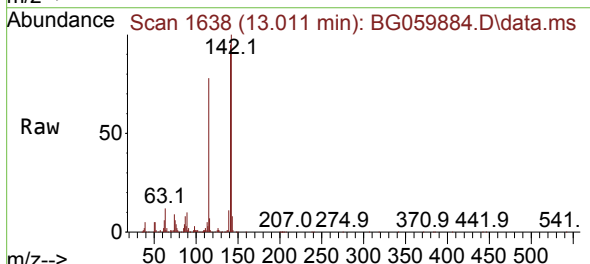
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

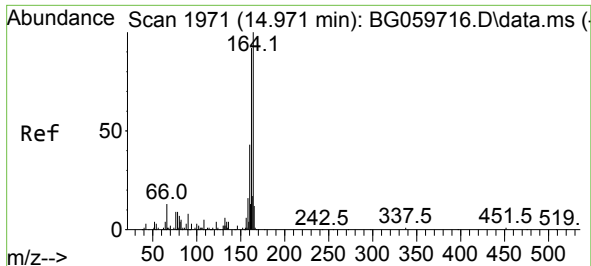
Tgt Ion:142 Resp: 258397
Ion Ratio Lower Upper
142 100
141 89.7 61.9 92.9
115 67.9 49.0 73.4



#38
1-Methylnaphthalene
Concen: 51.842 ng
RT: 13.011 min Scan# 1638
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:142 Resp: 247695
Ion Ratio Lower Upper
142 100
141 95.0 77.8 116.8
116 7.3 6.2 9.2

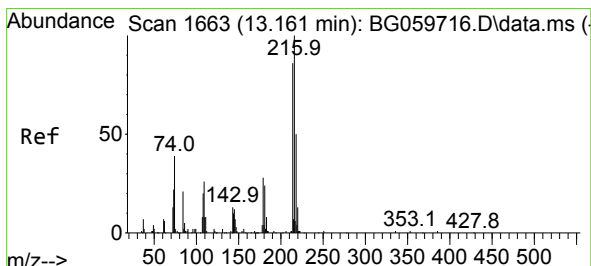
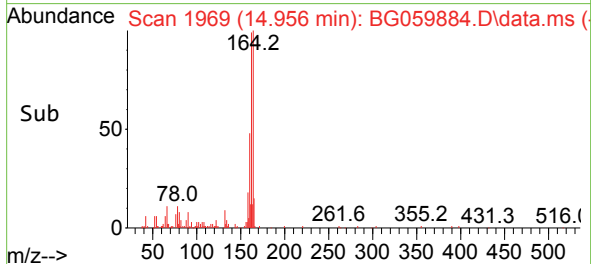
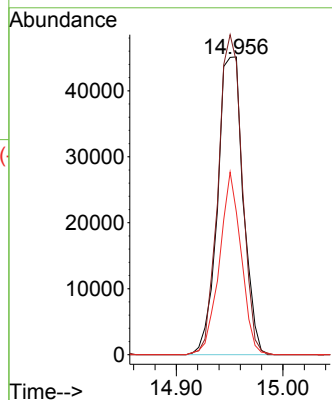
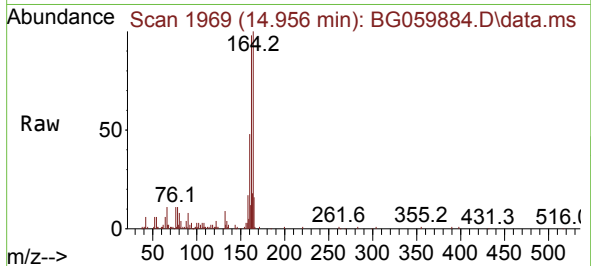




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.956 min Scan# 1971
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

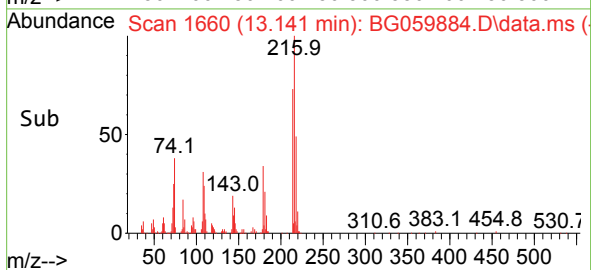
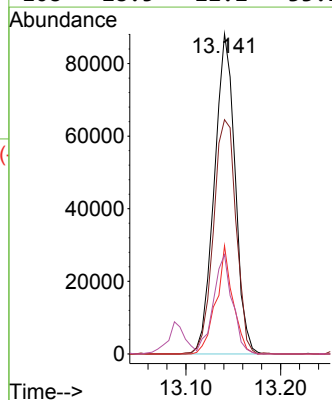
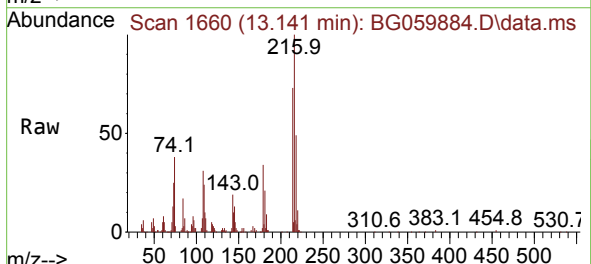
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

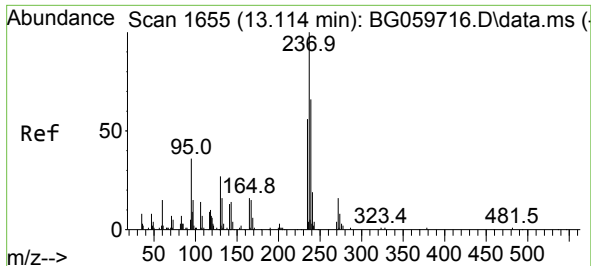
Tgt Ion:164 Resp: 75288
Ion Ratio Lower Upper
164 100
162 98.4 73.3 109.9
160 47.9 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 65.737 ng
RT: 13.141 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:216 Resp: 133661
Ion Ratio Lower Upper
216 100
214 79.9 61.0 91.4
179 27.5 20.2 30.2
108 28.5 22.2 33.2

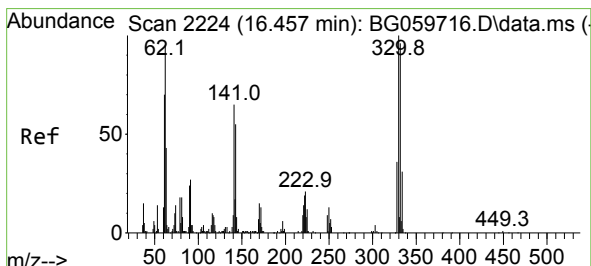
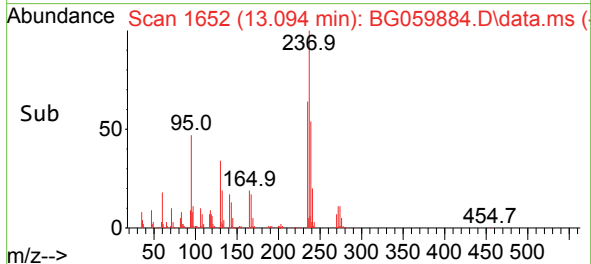
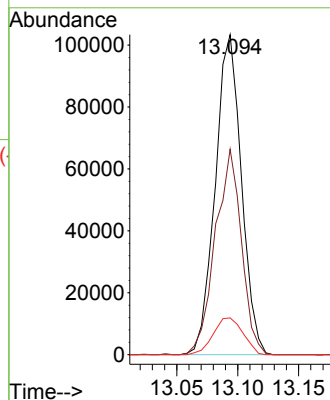
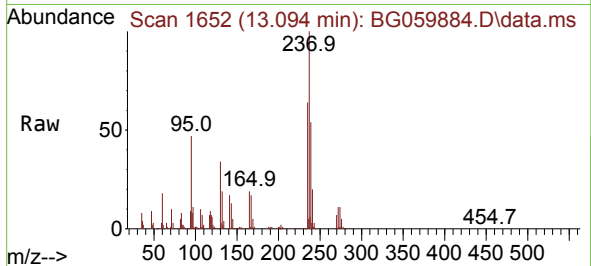




#41
Hexachlorocyclopentadiene
Concen: 121.100 ng
RT: 13.094 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

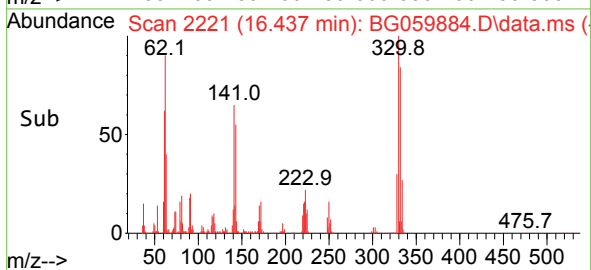
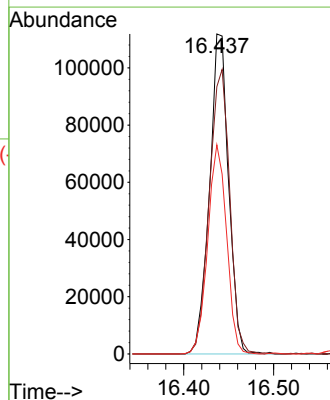
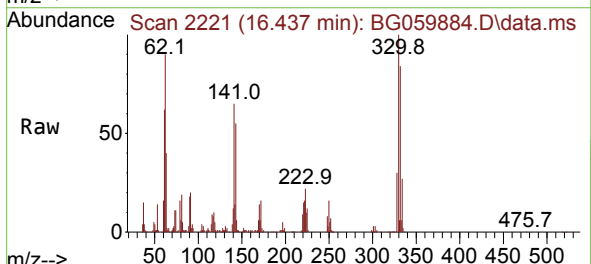
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

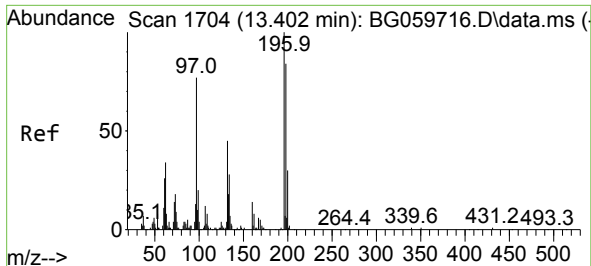
Tgt Ion:237 Resp: 154454
Ion Ratio Lower Upper
237 100
235 64.2 36.0 76.0
272 11.5 0.0 36.5



#42
2,4,6-Tribromophenol
Concen: 193.758 ng
RT: 16.437 min Scan# 2221
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:330 Resp: 165515
Ion Ratio Lower Upper
330 100
332 94.6 73.3 109.9
141 64.4 52.1 78.1

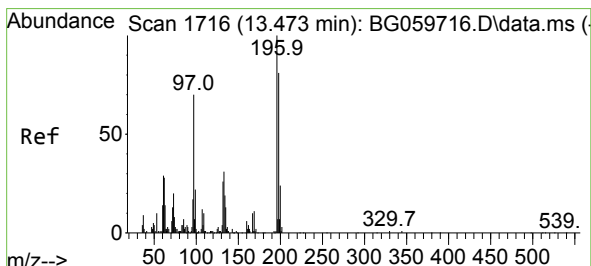
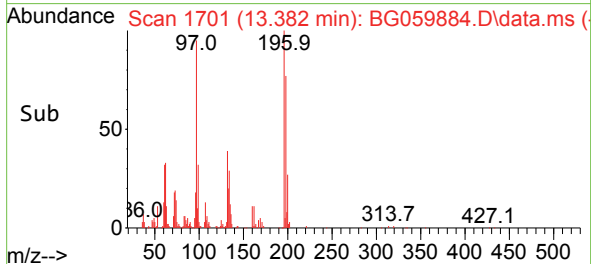
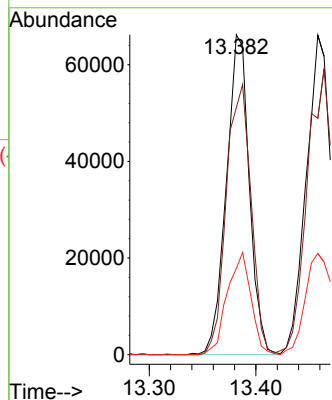
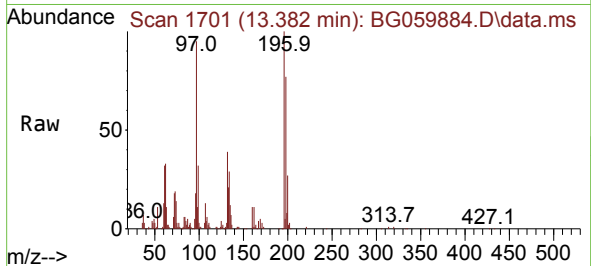




#43
2,4,6-Trichlorophenol
Concen: 70.230 ng
RT: 13.382 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

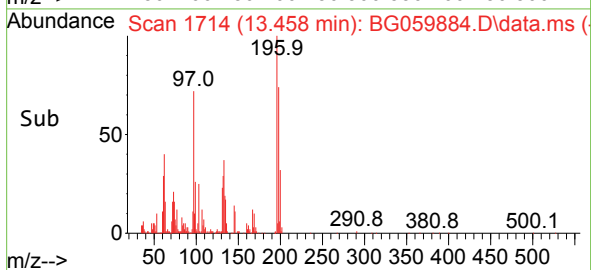
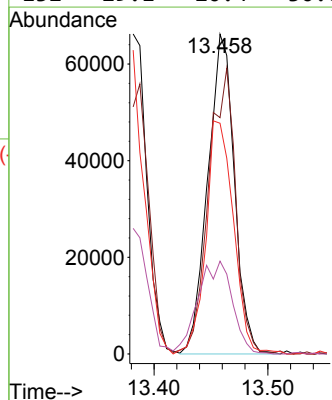
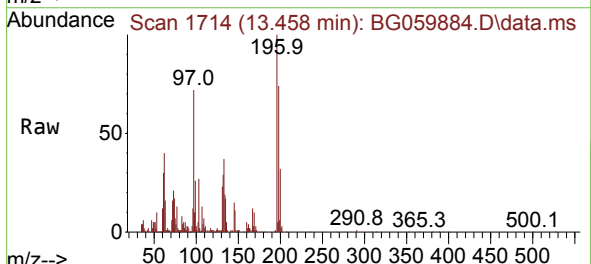
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

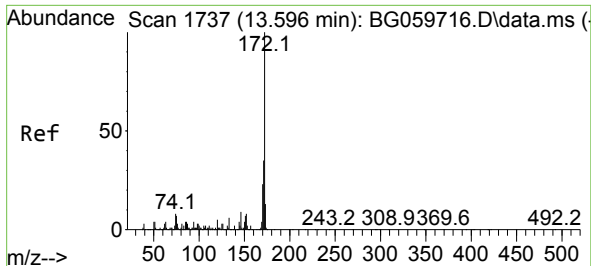
Tgt Ion:196 Resp: 99299
Ion Ratio Lower Upper
196 100
198 77.2 67.6 101.4
200 27.0 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 64.733 ng
RT: 13.458 min Scan# 1714
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:196 Resp: 107544
Ion Ratio Lower Upper
196 100
198 74.0 66.7 100.1
97 72.2 55.9 83.9
132 29.1 20.4 30.6

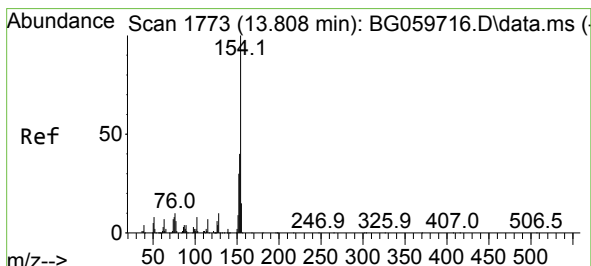
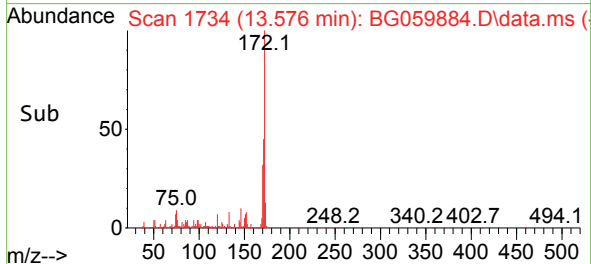
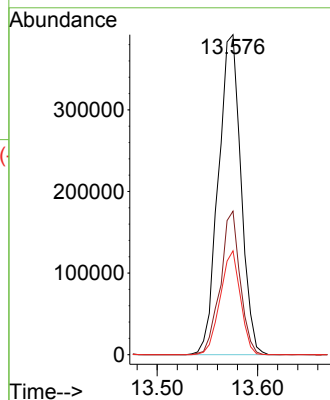
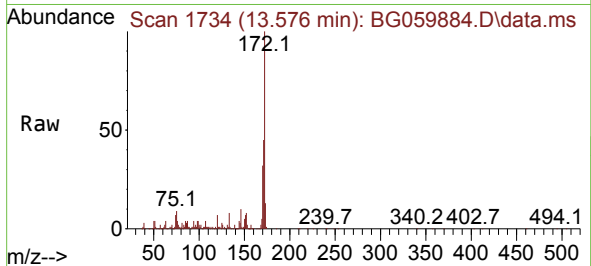




#45
2-Fluorobiphenyl
Concen: 109.332 ng
RT: 13.576 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

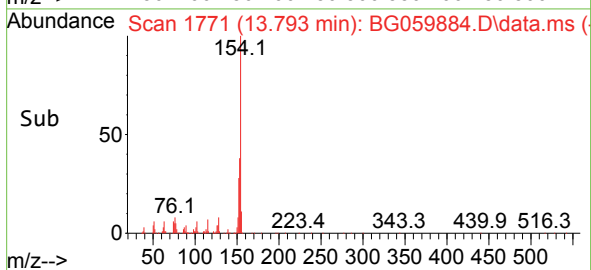
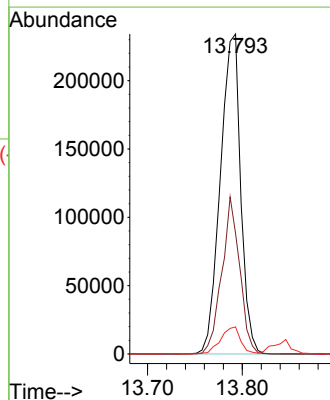
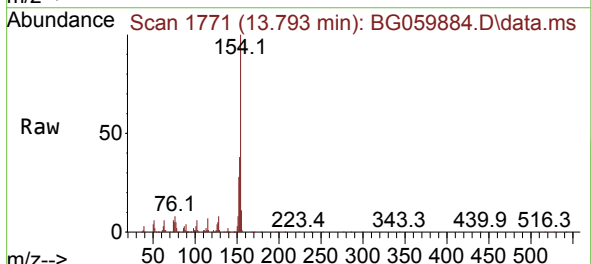
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

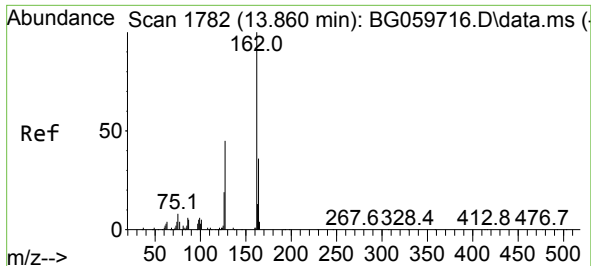
Tgt Ion:172 Resp: 611524
Ion Ratio Lower Upper
172 100
171 44.8 27.7 41.5#
170 32.4 18.4 27.6#



#46
1,1'-Biphenyl
Concen: 59.135 ng
RT: 13.793 min Scan# 1771
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:154 Resp: 349458
Ion Ratio Lower Upper
154 100
153 37.7 19.7 59.7
76 8.4 0.0 30.4

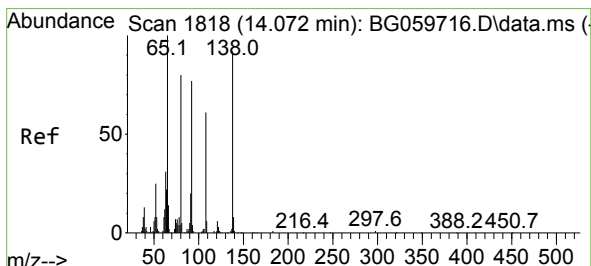
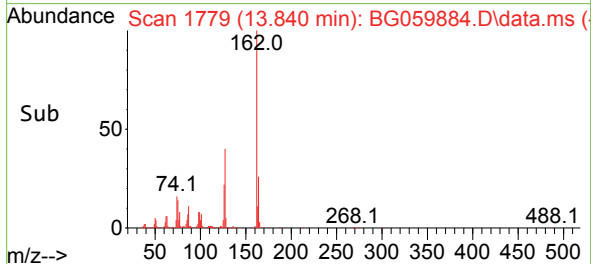
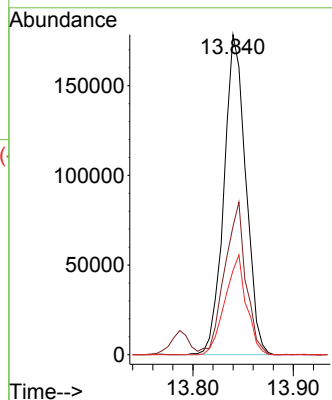
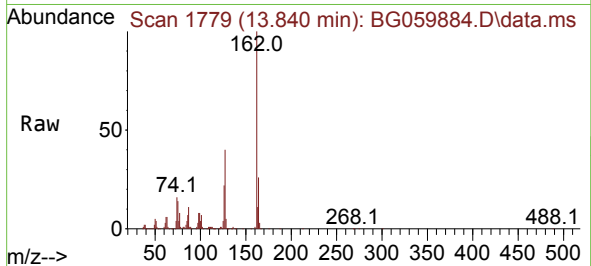




#47
2-Chloronaphthalene
Concen: 66.319 ng
RT: 13.840 min Scan# 1779
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

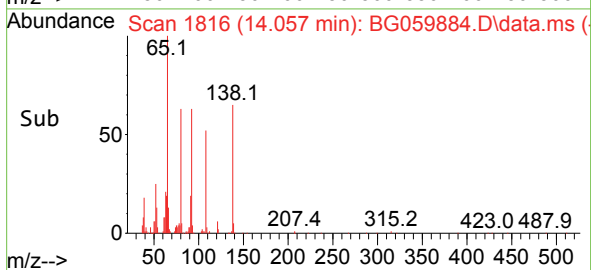
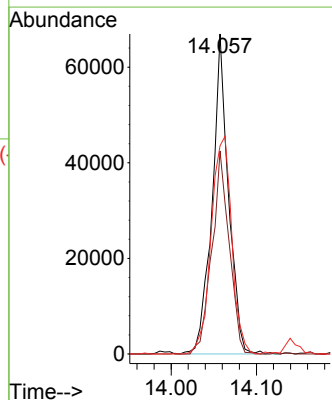
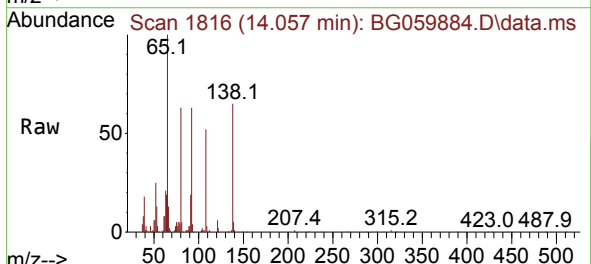
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

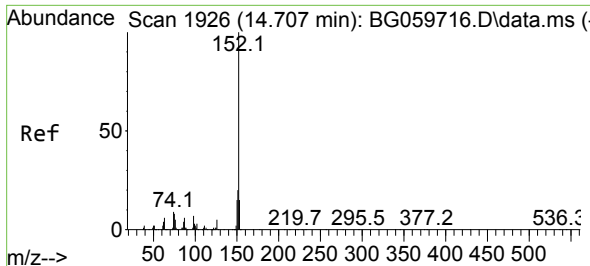
Tgt Ion:162 Resp: 269291
Ion Ratio Lower Upper
162 100
127 40.1 41.0 61.6#
164 26.3 28.9 43.3#



#48
2-Nitroaniline
Concen: 61.451 ng
RT: 14.057 min Scan# 1816
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion: 65 Resp: 89088
Ion Ratio Lower Upper
65 100
92 63.5 61.2 91.8
138 65.0 73.8 110.6#

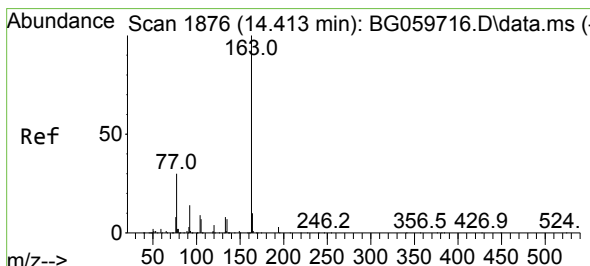
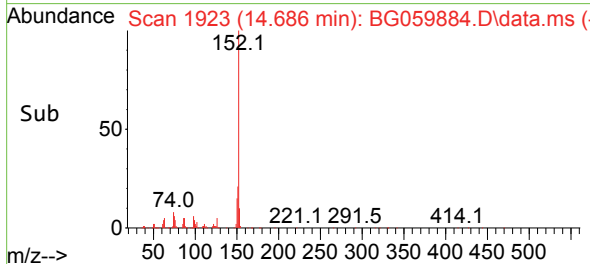
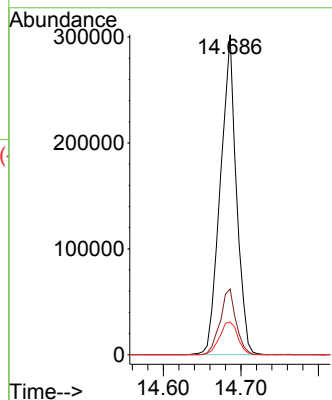
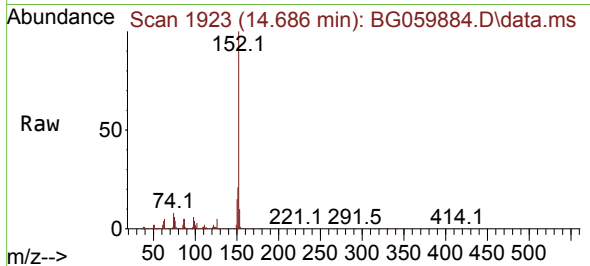




#49
Acenaphthylene
Concen: 62.670 ng
RT: 14.686 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

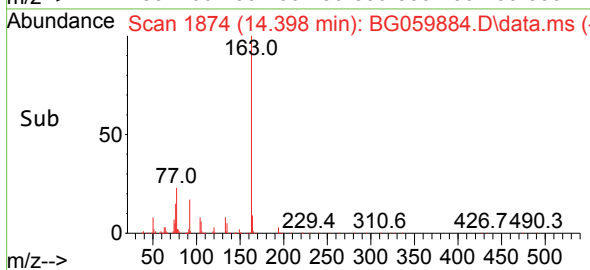
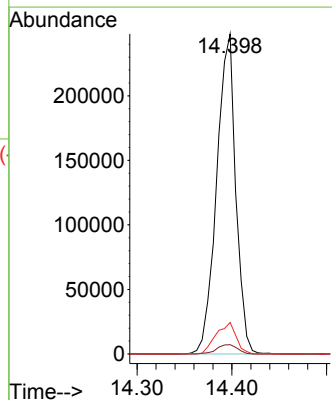
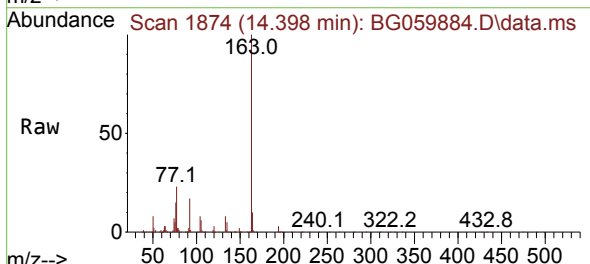
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

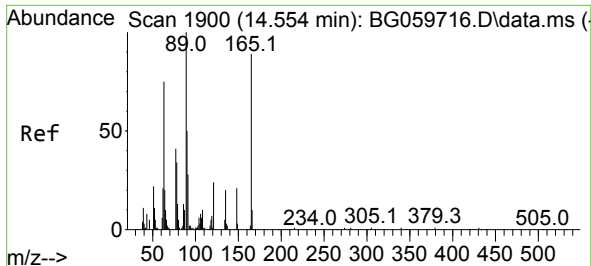
Tgt Ion:152 Resp: 433902
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 10.2 12.2 18.4#



#50
Dimethylphthalate
Concen: 59.632 ng
RT: 14.398 min Scan# 1874
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:163 Resp: 347919
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 9.9 8.2 12.2

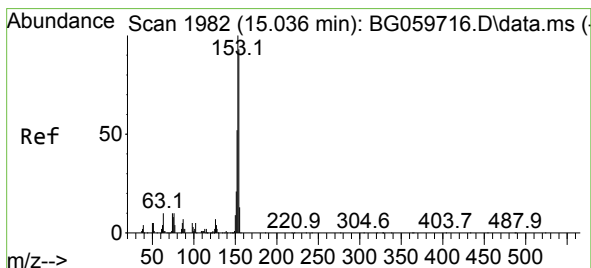
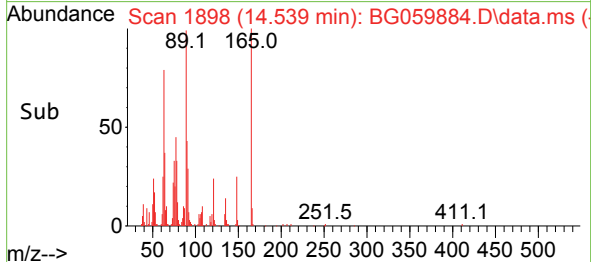
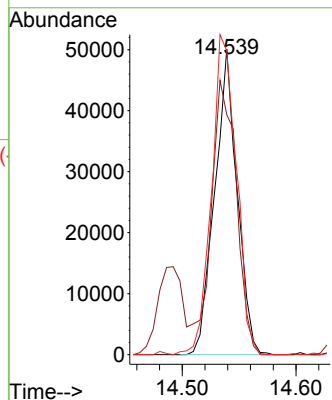
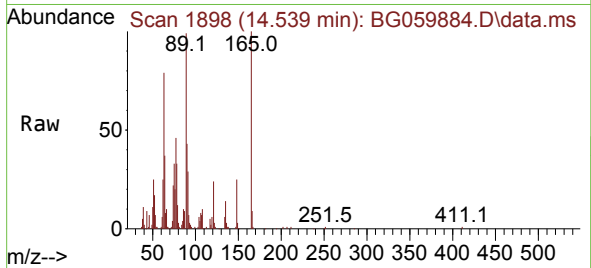




#51
2,6-Dinitrotoluene
Concen: 62.210 ng
RT: 14.539 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

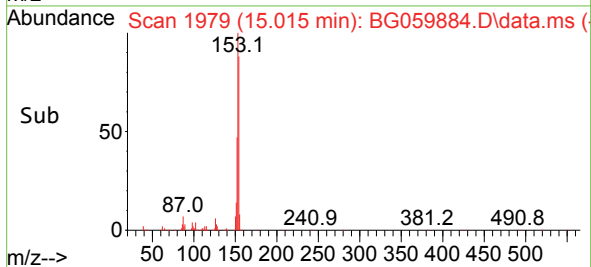
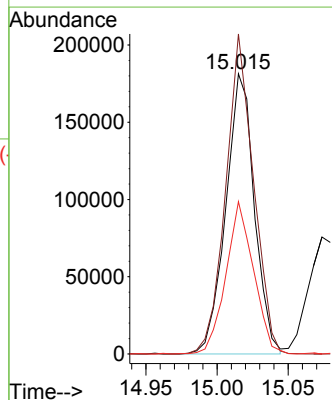
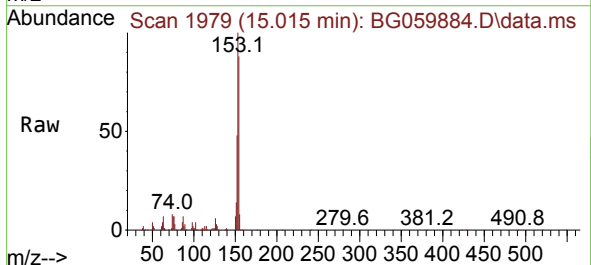
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

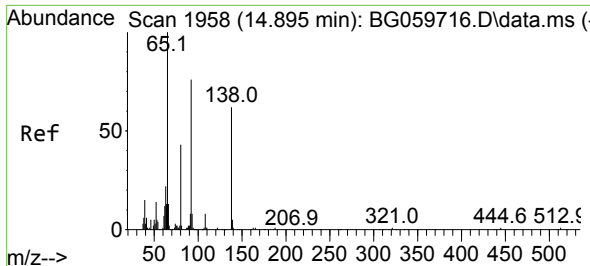
Tgt Ion:165 Resp: 68856
Ion Ratio Lower Upper
165 100
63 78.5 75.3 112.9
89 99.4 90.9 136.3



#52
Acenaphthene
Concen: 60.860 ng
RT: 15.015 min Scan# 1979
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:154 Resp: 253412
Ion Ratio Lower Upper
154 100
153 114.2 85.8 128.8
152 54.4 44.4 66.6

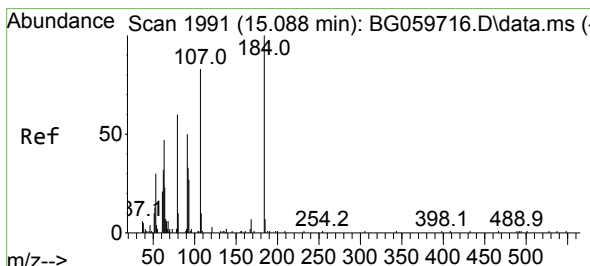
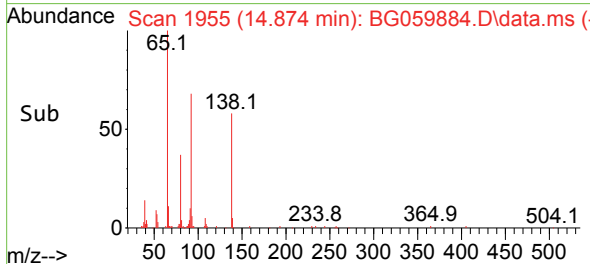
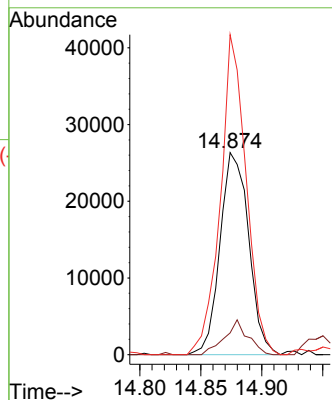
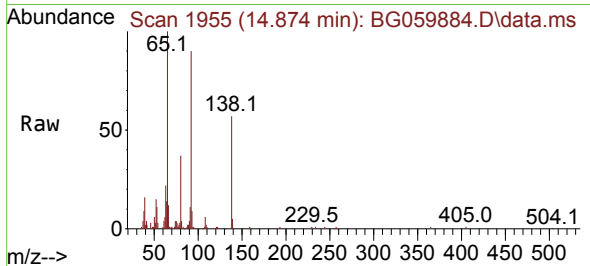




#53
3-Nitroaniline
Concen: 33.290 ng
RT: 14.874 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

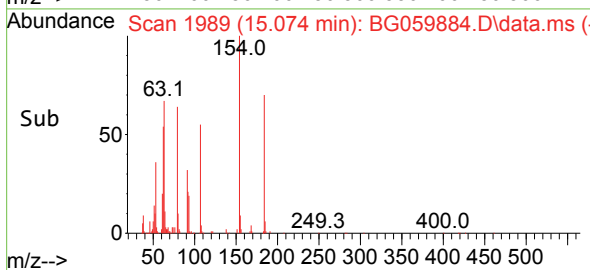
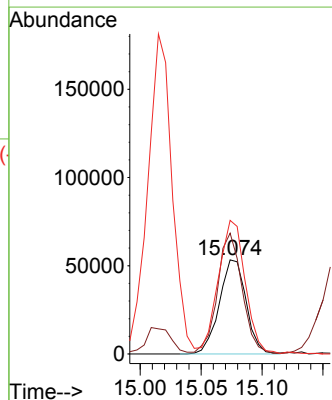
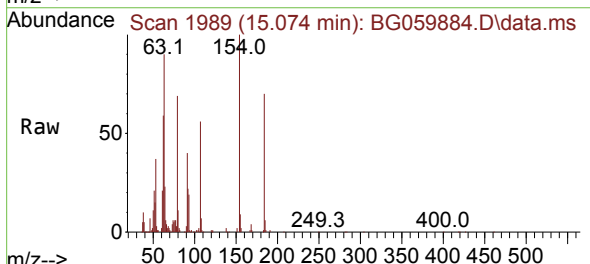
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

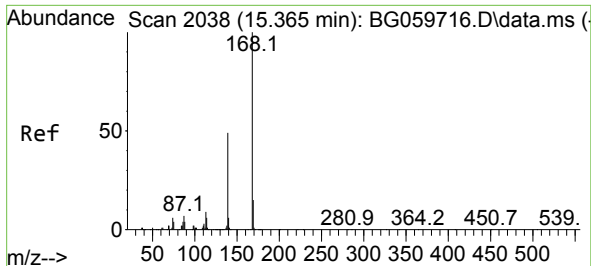
Tgt Ion:138 Resp: 43129
Ion Ratio Lower Upper
138 100
108 10.8 9.9 14.9
92 158.3 98.3 147.5#



#54
2,4-Dinitrophenol
Concen: 99.503 ng
RT: 15.074 min Scan# 1989
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:184 Resp: 81839
Ion Ratio Lower Upper
184 100
63 128.3 58.3 87.5#
154 141.9 94.1 141.1#

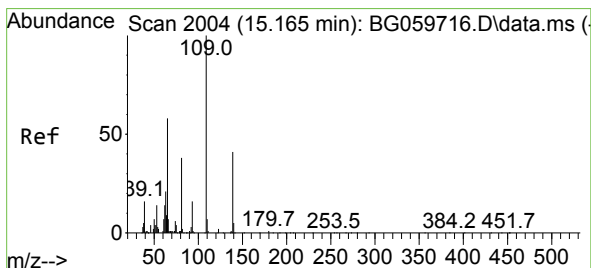
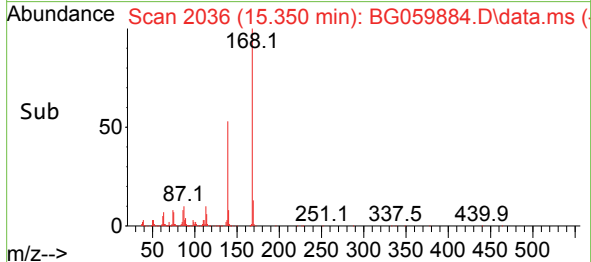
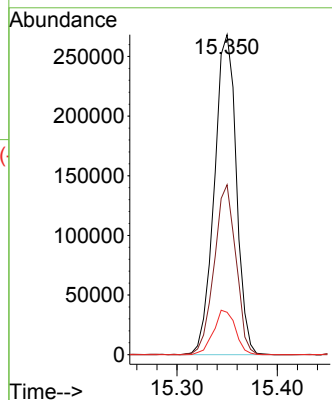
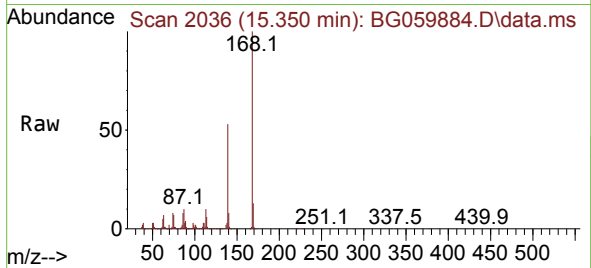




#55
Dibenzenofuran
Concen: 59.329 ng
RT: 15.350 min Scan# 2038
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

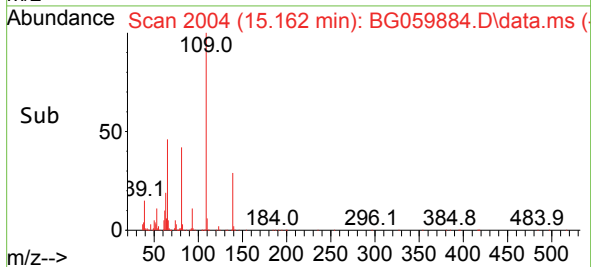
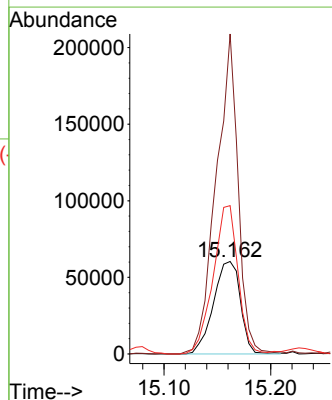
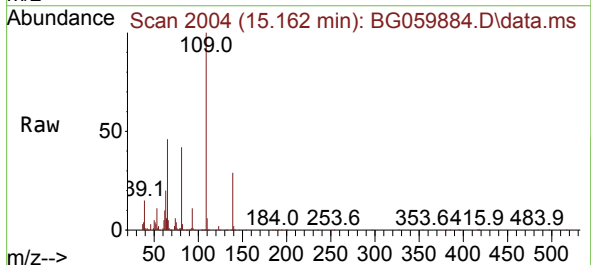
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

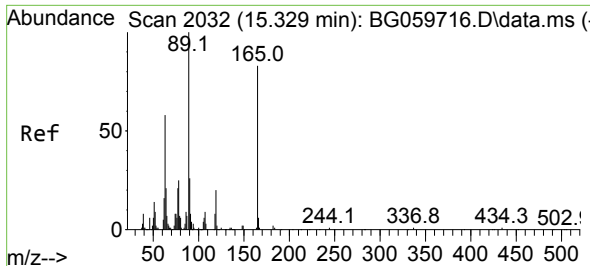
Tgt Ion:168 Resp: 407300
Ion Ratio Lower Upper
168 100
139 53.1 38.9 58.3
169 13.3 11.8 17.8



#56
4-Nitrophenol
Concen: 106.873 ng
RT: 15.162 min Scan# 2004
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:139 Resp: 105932
Ion Ratio Lower Upper
139 100
109 346.2 223.4 263.4#
65 160.5 120.6 160.6

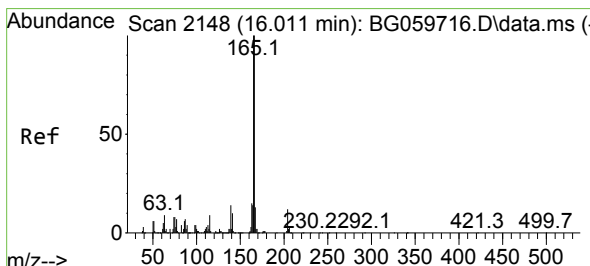
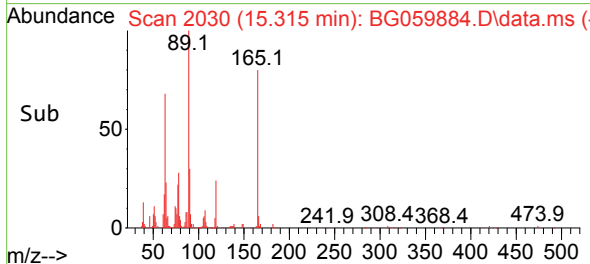
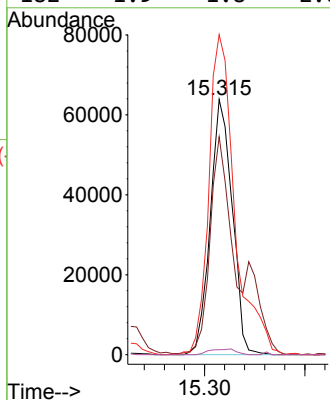
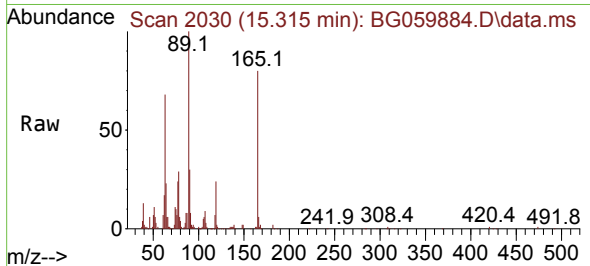




#57
2,4-Dinitrotoluene
Concen: 57.138 ng
RT: 15.315 min Scan# 2030
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

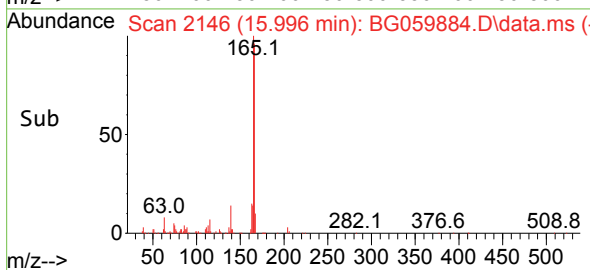
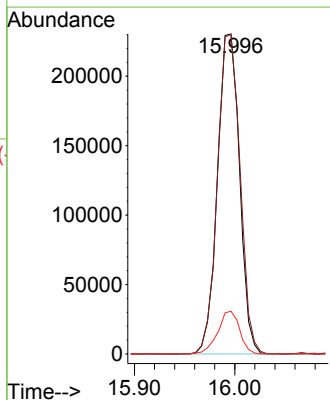
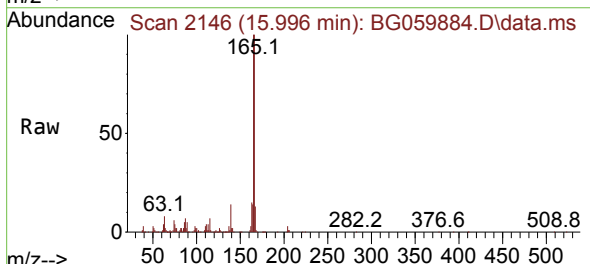
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

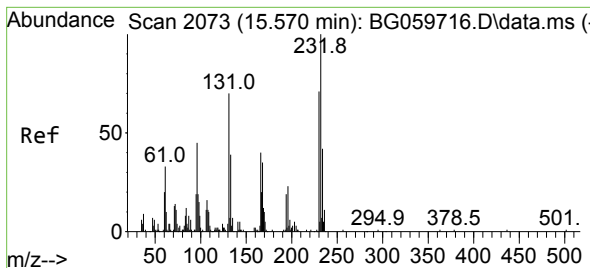
Tgt Ion:165 Resp: 97257
Ion Ratio Lower Upper
165 100
63 85.4 55.8 83.8#
89 125.4 96.9 145.3
182 1.9 1.8 2.6



#58
Fluorene
Concen: 61.517 ng
RT: 15.996 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:166 Resp: 350870
Ion Ratio Lower Upper
166 100
165 99.9 79.9 119.9
167 13.3 10.1 15.1

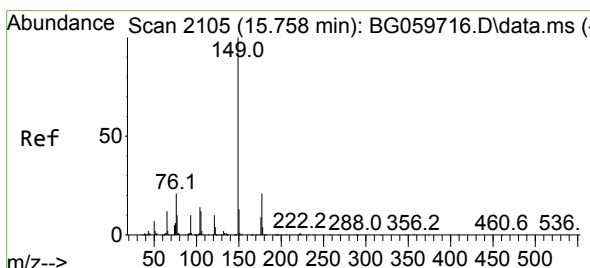
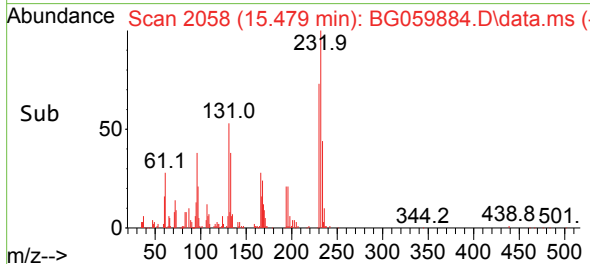
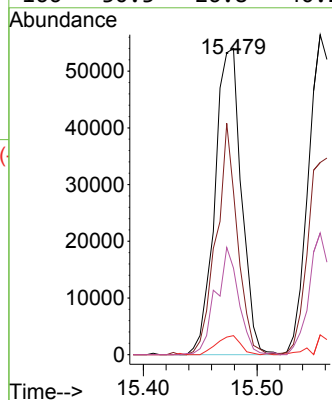
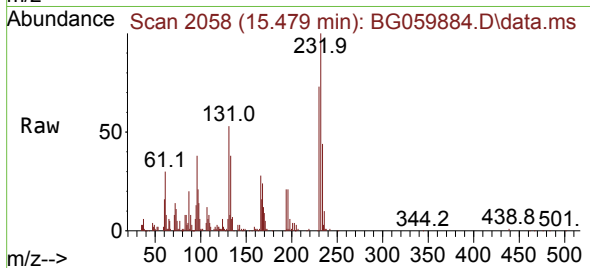




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.969 ng
RT: 15.479 min Scan# 2073
Delta R.T. -0.080 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

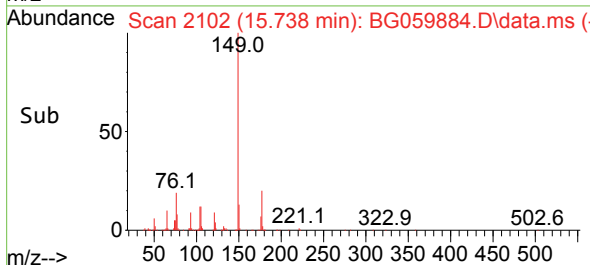
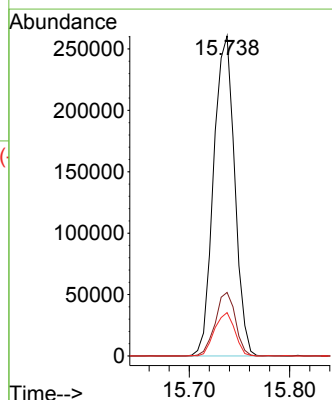
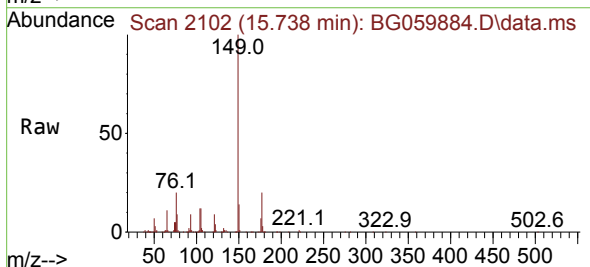
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

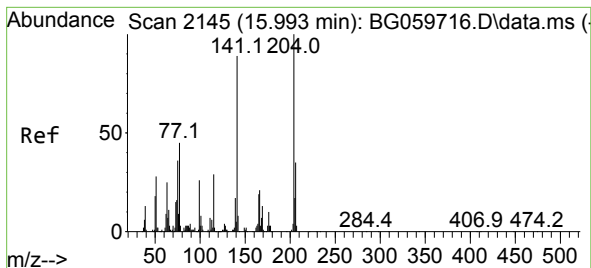
Tgt Ion:232 Resp: 87578
Ion Ratio Lower Upper
232 100
131 59.7 50.2 75.2
130 5.6 4.3 6.5
166 30.3 26.8 40.2



#60
Diethylphthalate
Concen: 60.535 ng
RT: 15.738 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:149 Resp: 378790
Ion Ratio Lower Upper
149 100
177 19.9 16.6 24.8
150 13.6 10.7 16.1

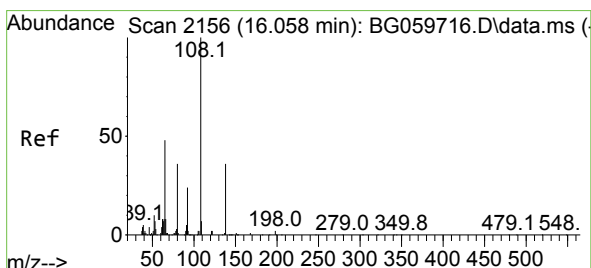
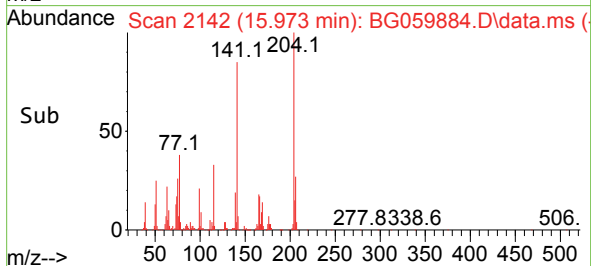
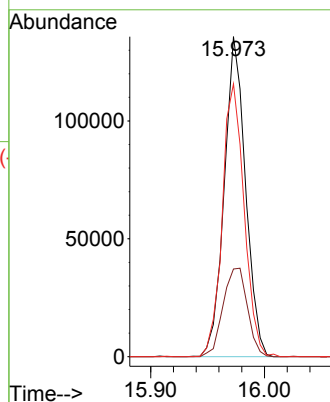
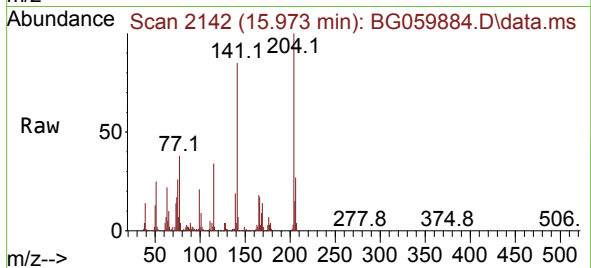




#61
4-Chlorophenyl-phenylether
Concen: 60.131 ng
RT: 15.973 min Scan# 2142
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

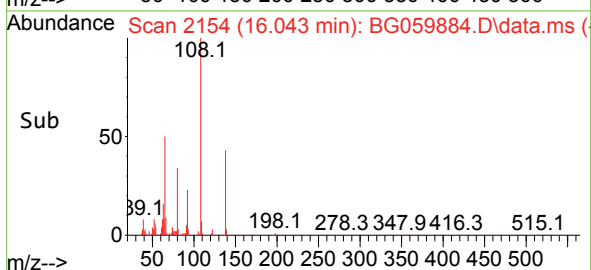
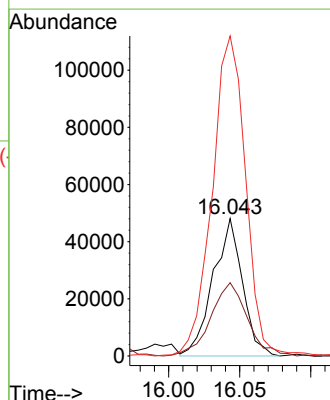
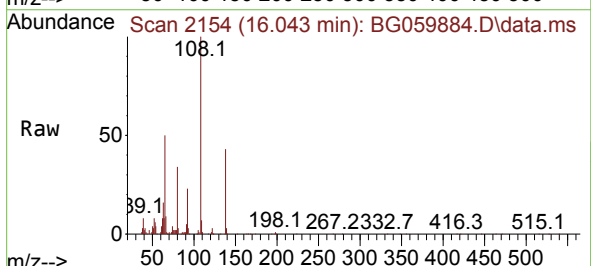
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

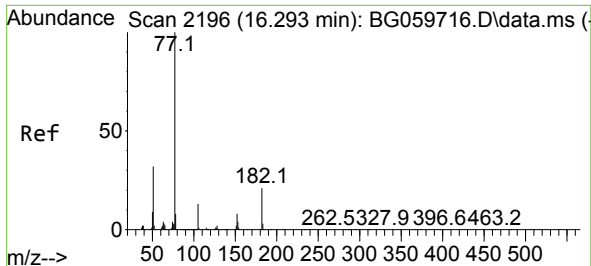
Tgt Ion:204 Resp: 176528
Ion Ratio Lower Upper
204 100
206 27.4 28.1 42.1#
141 85.3 70.9 106.3



#62
4-Nitroaniline
Concen: 53.199 ng
RT: 16.043 min Scan# 2154
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:138 Resp: 69075
Ion Ratio Lower Upper
138 100
92 53.4 45.8 85.8
108 232.9 256.3 296.3#

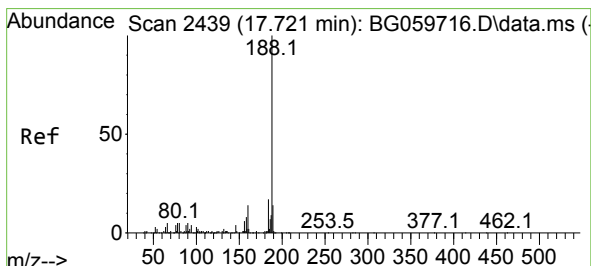
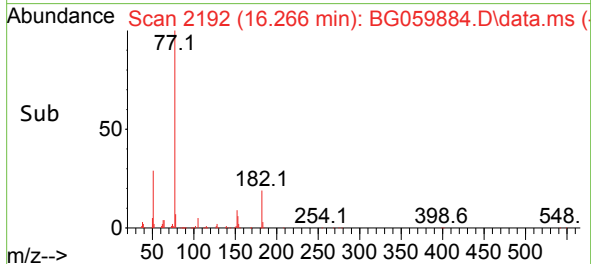
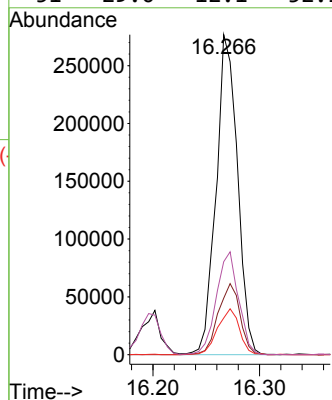
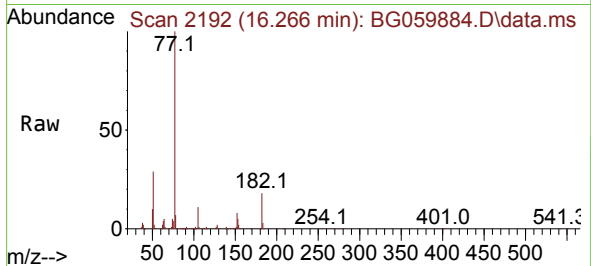




#63
Azobenzene
Concen: 55.402 ng
RT: 16.266 min Scan# 2196
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

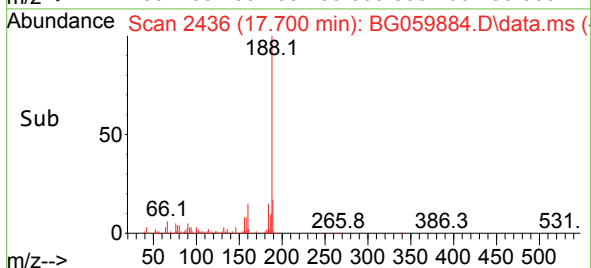
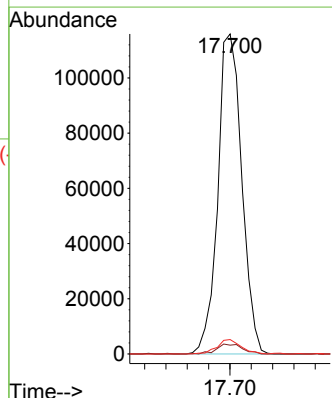
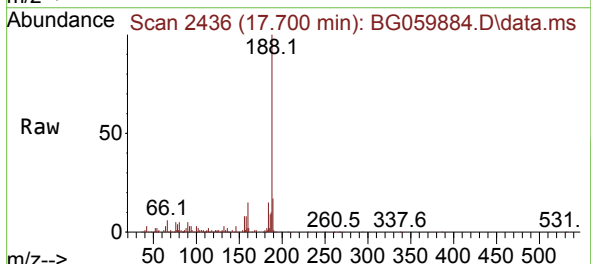
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

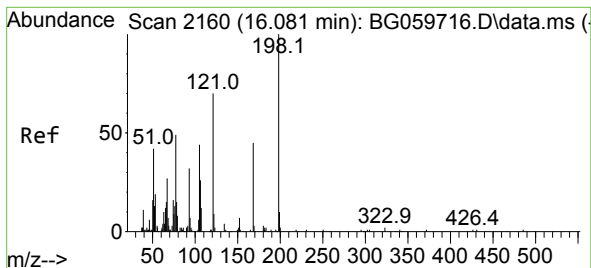
Tgt Ion: 77	Resp: 385251
Ion Ratio	Lower Upper
77 100	
182 17.7	1.1 41.1
105 11.5	0.0 33.0
51 29.0	12.1 52.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.700 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion: 188	Resp: 180811
Ion Ratio	Lower Upper
188 100	
94 2.8	3.0 4.4#
80 4.5	4.2 6.4

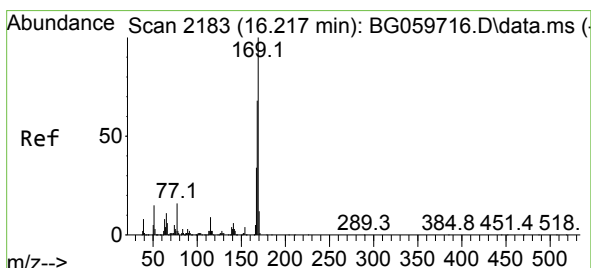
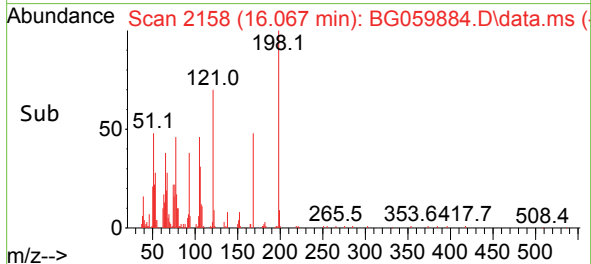
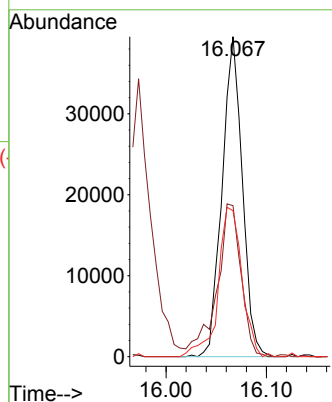
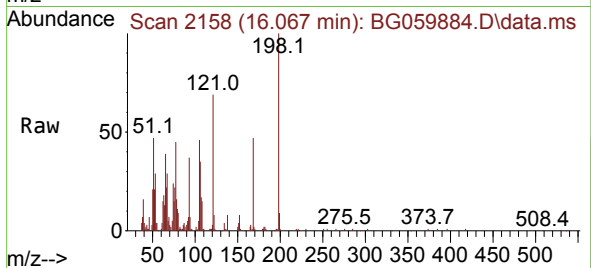




#65
4,6-Dinitro-2-methylphenol
Concen: 50.071 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

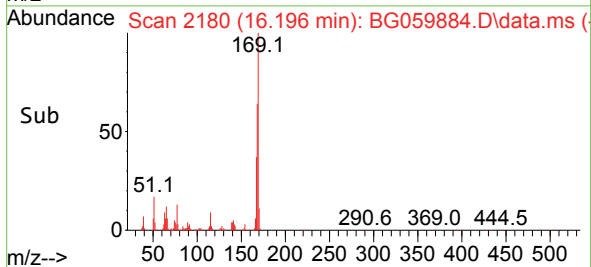
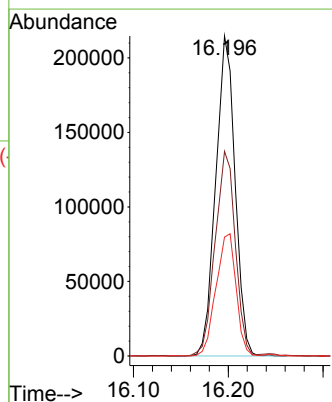
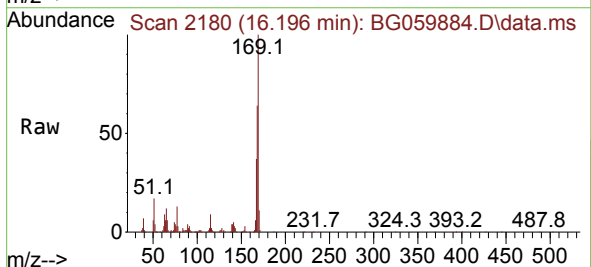
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

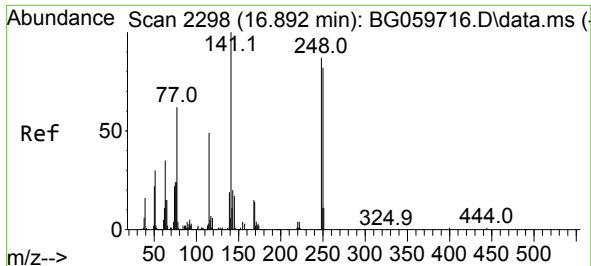
Tgt Ion:198 Resp: 55328
Ion Ratio Lower Upper
198 100
51 47.2 23.0 63.0
105 45.6 24.0 64.0



#66
n-Nitrosodiphenylamine
Concen: 57.691 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:169 Resp: 304716
Ion Ratio Lower Upper
169 100
168 64.0 54.5 81.7
167 37.2 27.8 41.6

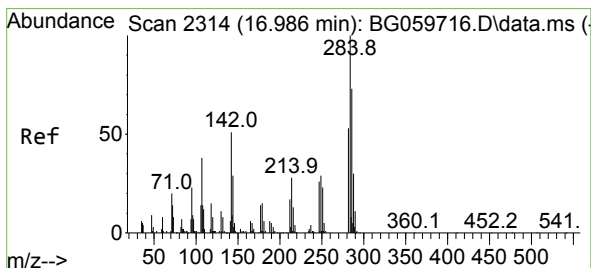
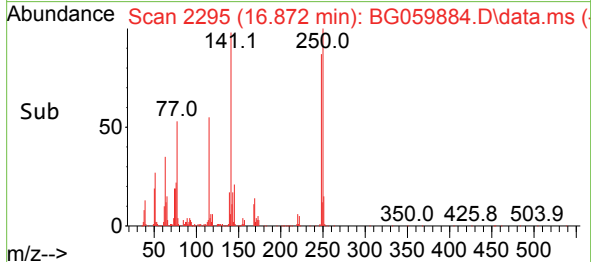
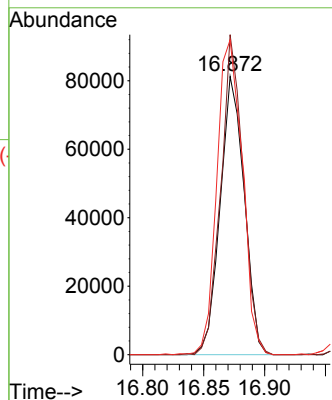
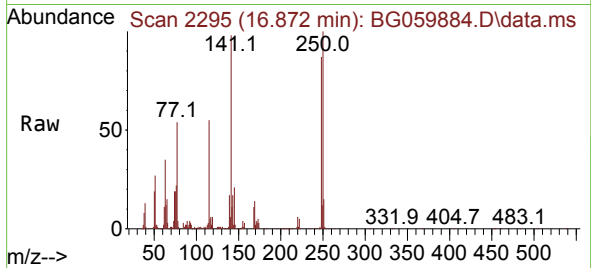




#67
4-Bromophenyl-phenylether
Concen: 57.398 ng
RT: 16.872 min Scan# 2111
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

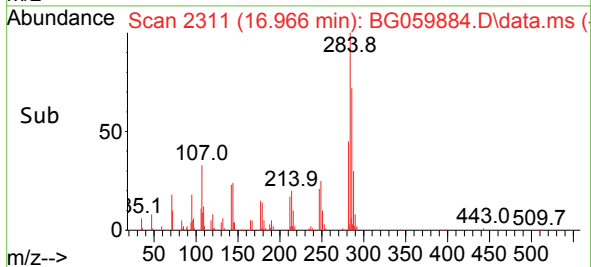
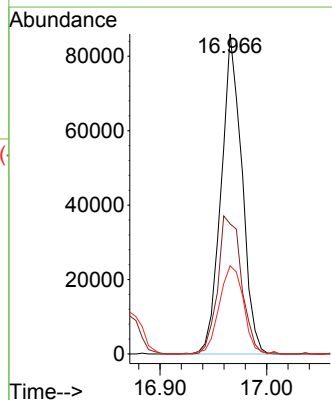
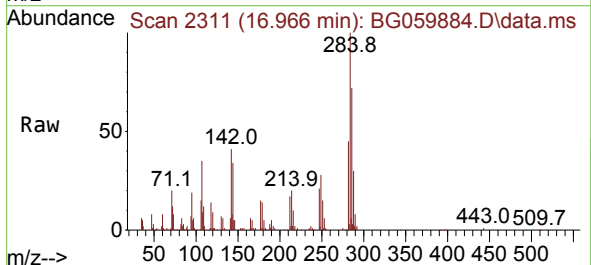
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

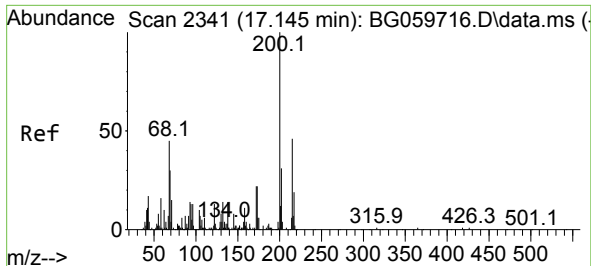
Tgt Ion:248 Resp: 111493
Ion Ratio Lower Upper
248 100
250 115.0 75.2 112.8#
141 113.2 91.5 137.3



#68
Hexachlorobenzene
Concen: 63.824 ng
RT: 16.966 min Scan# 2311
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:284 Resp: 115710
Ion Ratio Lower Upper
284 100
142 40.7 41.0 61.6#
249 27.5 24.2 36.4

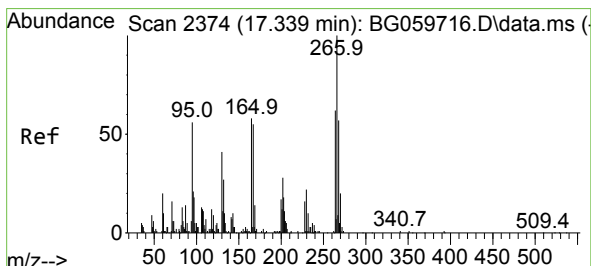
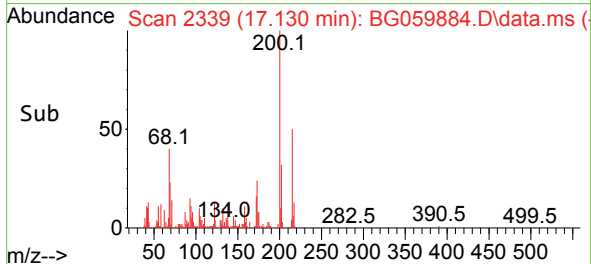
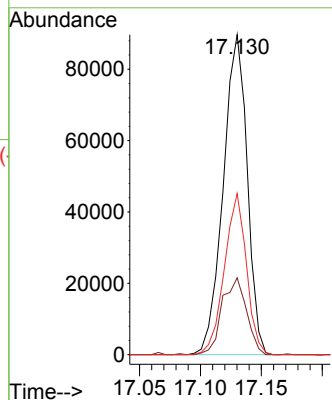
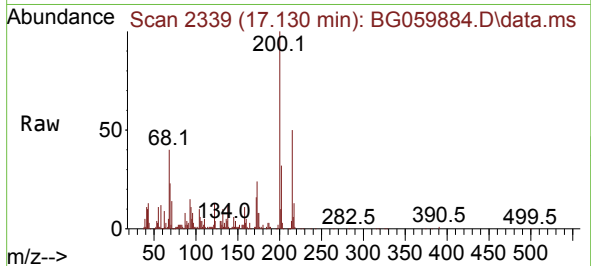




#69
 Atrazine
 Concen: 72.263 ng
 RT: 17.130 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG059884.D
 Acq: 25 Nov 2023 9:54

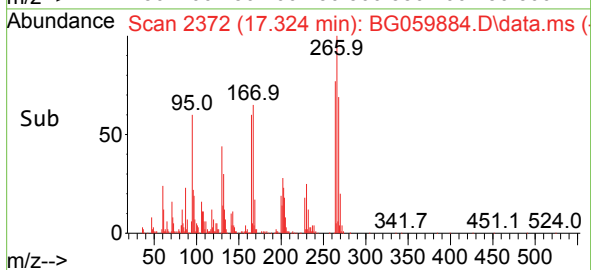
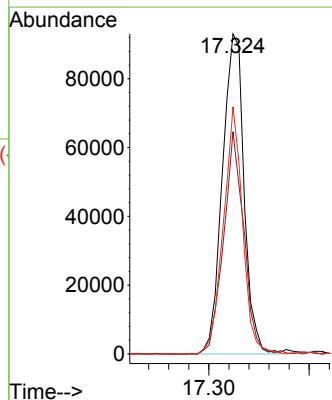
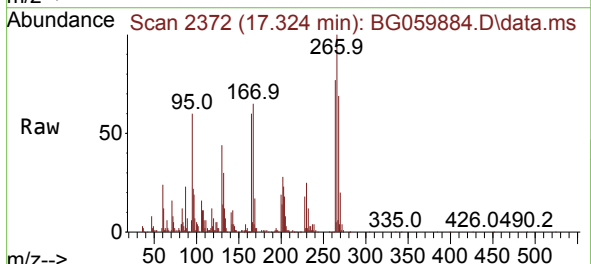
Instrument :
 BNA_G
 ClientSampleId :
 PB157208BSD

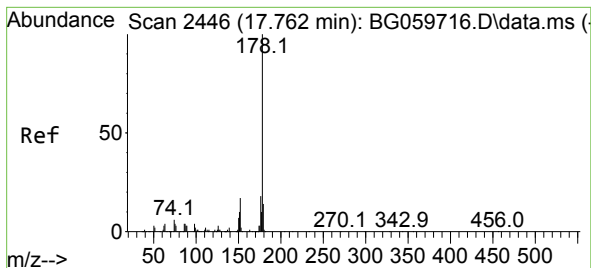
Tgt Ion:200 Resp: 122373
 Ion Ratio Lower Upper
 200 100
 173 24.0 2.3 42.3
 215 50.4 25.6 65.6



#70
 Pentachlorophenol
 Concen: 100.653 ng
 RT: 17.324 min Scan# 2372
 Delta R.T. -0.004 min
 Lab File: BG059884.D
 Acq: 25 Nov 2023 9:54

Tgt Ion:266 Resp: 139217
 Ion Ratio Lower Upper
 266 100
 268 69.4 45.7 68.5#
 264 77.2 49.8 74.8#





#71

Phenanthrene

Concen: 55.495 ng

RT: 17.747 min Scan# 2444

Delta R.T. -0.004 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

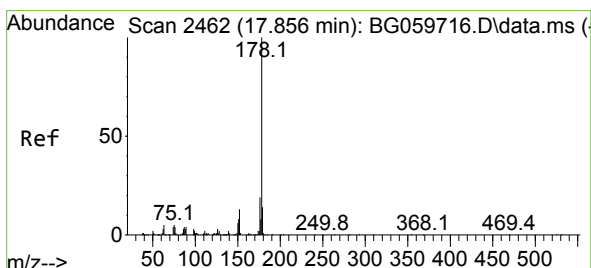
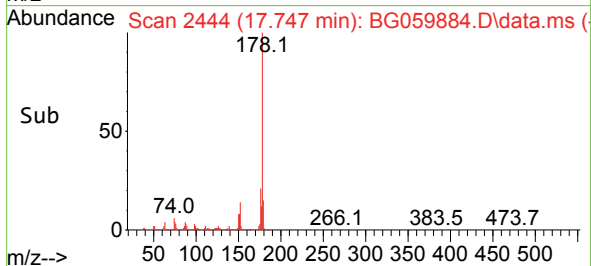
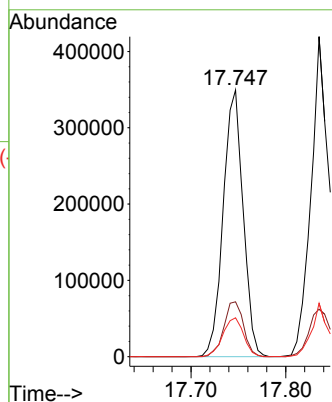
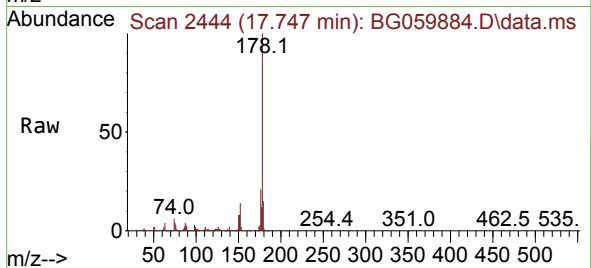
Tgt Ion:178 Resp: 510158

Ion Ratio Lower Upper

178 100

176 20.6 14.5 21.7

179 14.6 11.2 16.8



#72

Anthracene

Concen: 53.411 ng

RT: 17.747 min Scan# 2444

Delta R.T. -0.098 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

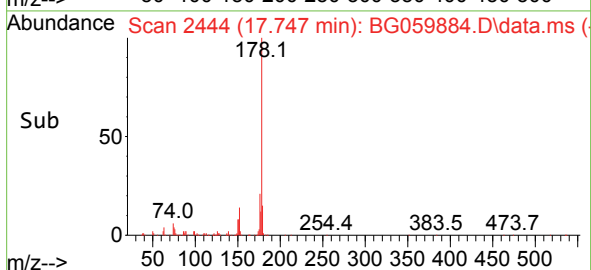
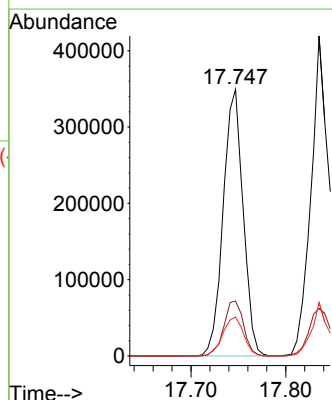
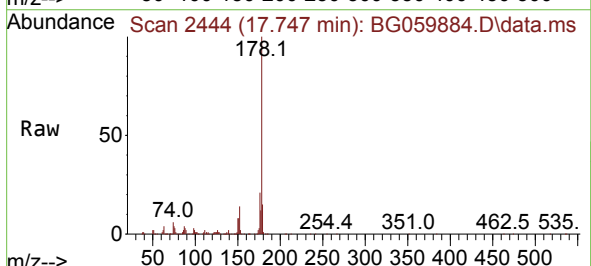
Tgt Ion:178 Resp: 510158

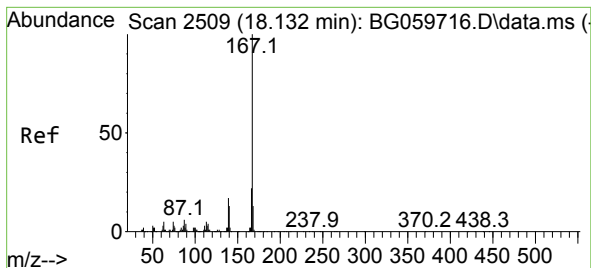
Ion Ratio Lower Upper

178 100

176 20.6 15.0 22.4

179 14.6 11.5 17.3





#73

Carbazole

Concen: 52.220 ng

RT: 18.111 min Scan# 2

Delta R.T. -0.009 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

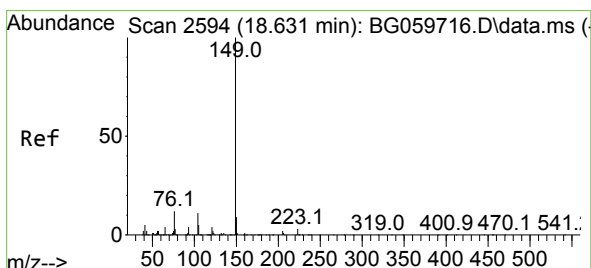
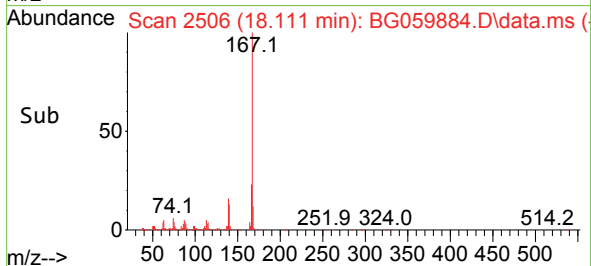
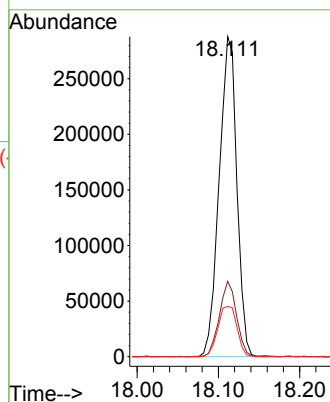
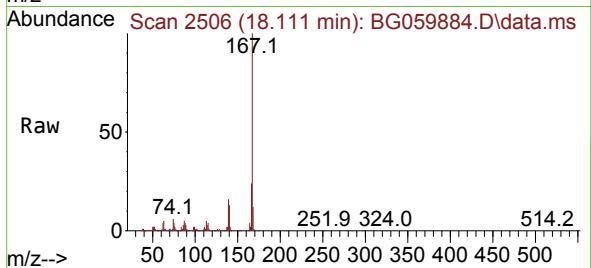
Tgt Ion:167 Resp: 435745

Ion Ratio Lower Upper

167 100

166 23.6 17.4 26.0

139 15.7 13.2 19.8



#74

Di-n-butylphthalate

Concen: 53.678 ng

RT: 18.611 min Scan# 2591

Delta R.T. -0.004 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

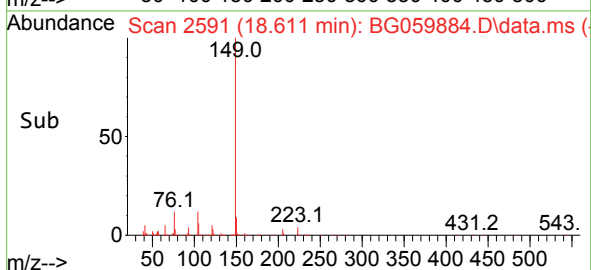
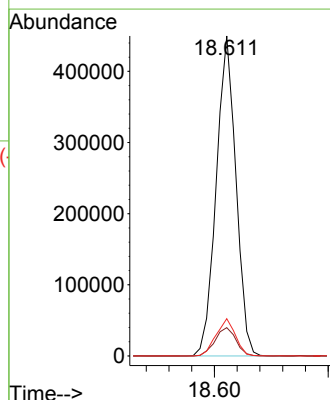
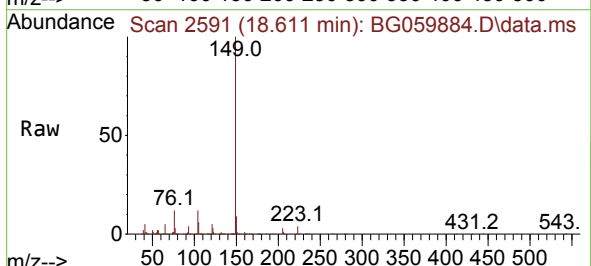
Tgt Ion:149 Resp: 541414

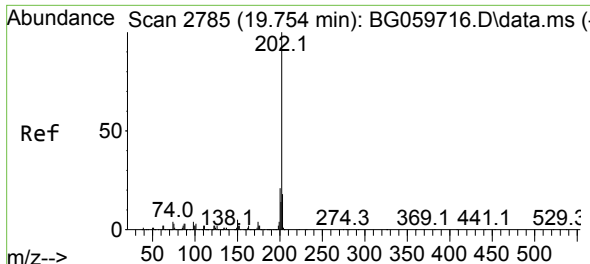
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

104 11.7 8.6 12.8

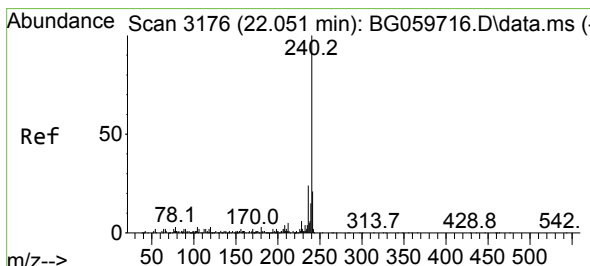
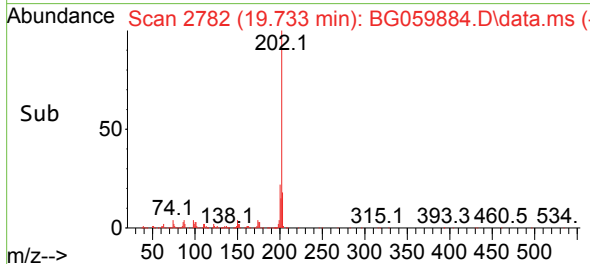
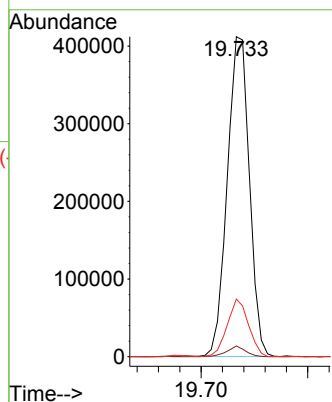
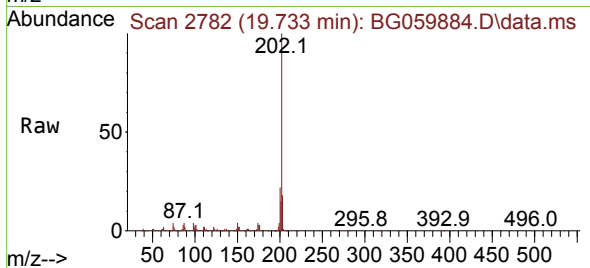




#75
Fluoranthene
Concen: 53.889 ng
RT: 19.733 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

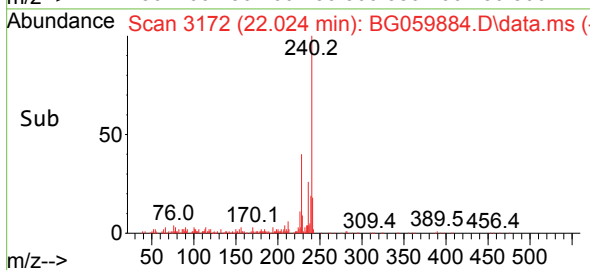
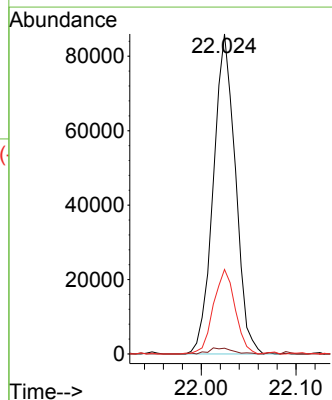
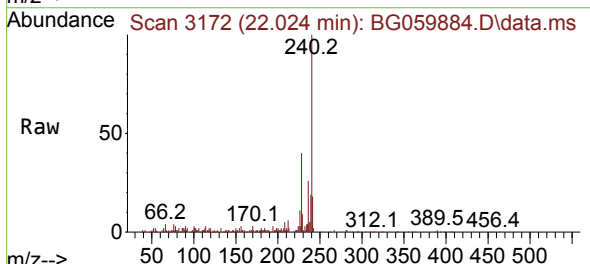
Instrument :
BNA_G
ClientSampleId :
PB157208BSD

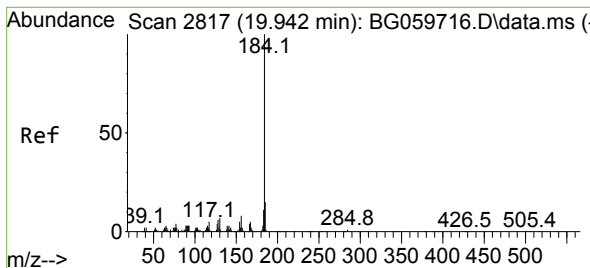
Tgt Ion:202 Resp: 594091
Ion Ratio Lower Upper
202 100
101 3.3 0.0 22.7
203 18.0 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3172
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:240 Resp: 139082
Ion Ratio Lower Upper
240 100
120 1.8 2.2 3.2#
236 26.4 19.4 29.2





#77

Benzidine

Concen: 68.020 ng

RT: 19.921 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

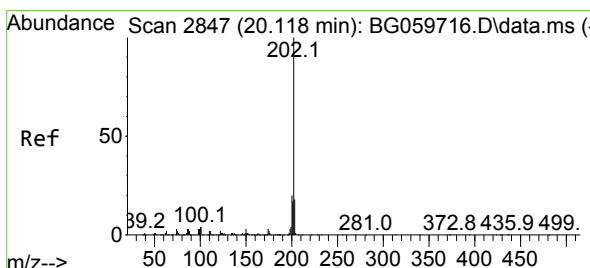
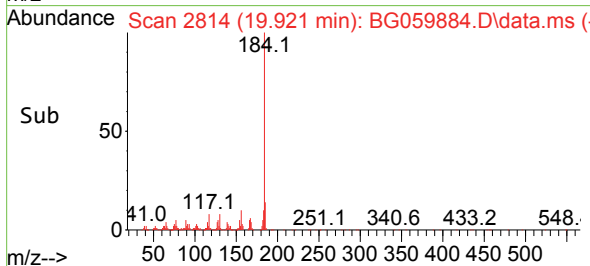
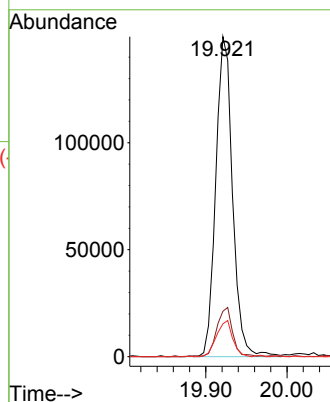
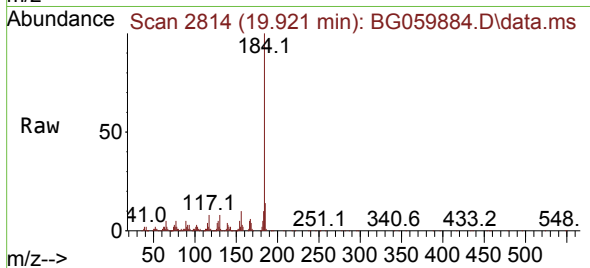
Tgt Ion:184 Resp: 214522

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

183 10.3 8.8 13.2



#78

Pyrene

Concen: 57.783 ng

RT: 20.103 min Scan# 2845

Delta R.T. -0.004 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

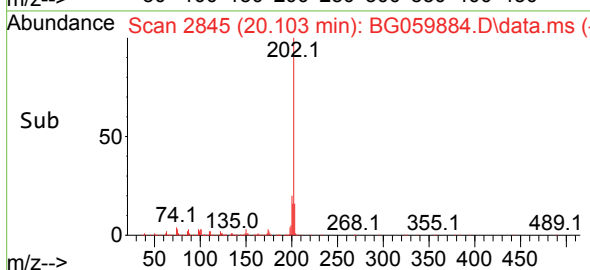
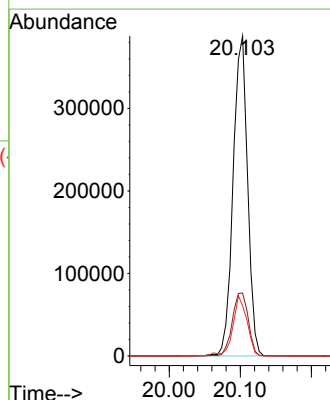
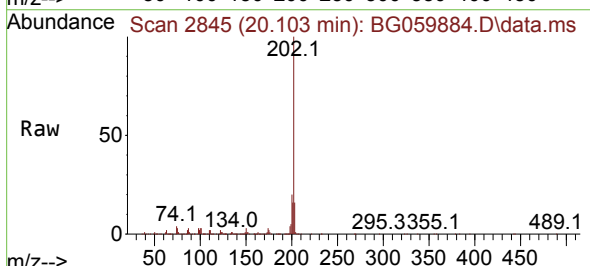
Tgt Ion:202 Resp: 546807

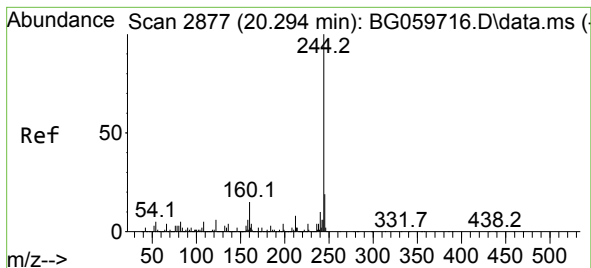
Ion Ratio Lower Upper

202 100

200 19.7 16.2 24.4

203 15.6 14.0 21.0





#79

Terphenyl-d14

Concen: 120.245 ng

RT: 20.274 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

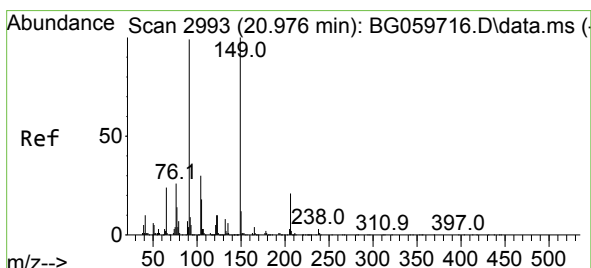
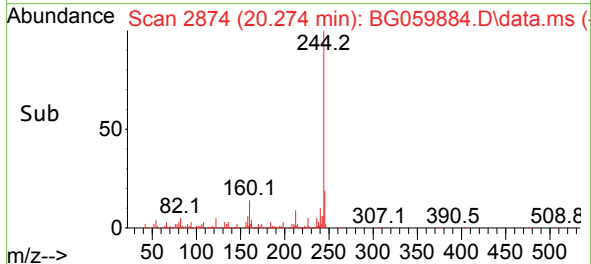
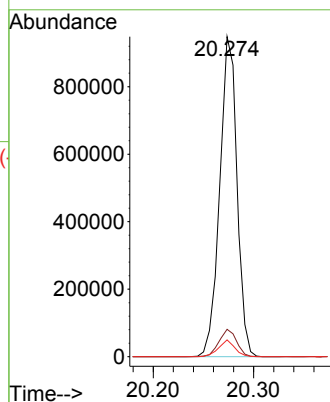
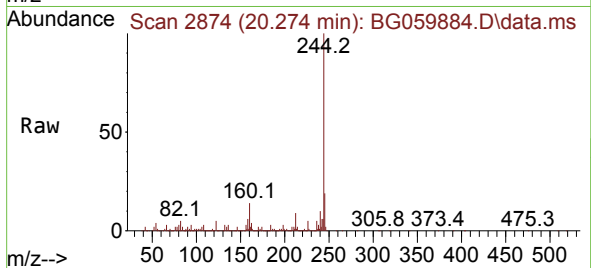
Tgt Ion:244 Resp: 1132870

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

122 5.2 4.4 6.6



#80

Butylbenzylphthalate

Concen: 58.441 ng

RT: 20.955 min Scan# 2990

Delta R.T. -0.004 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

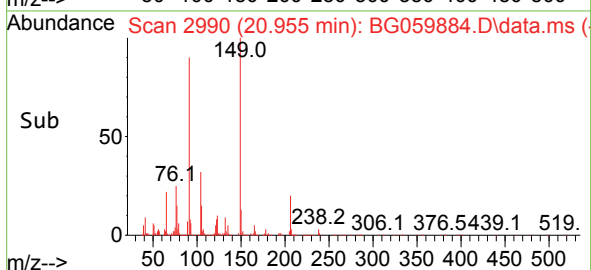
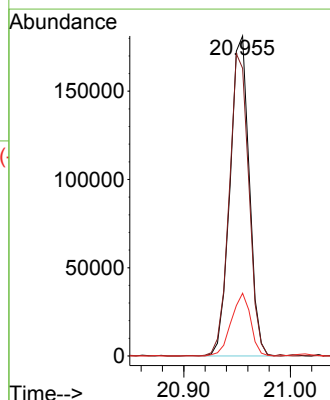
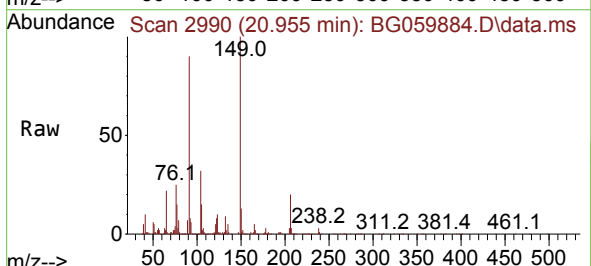
Tgt Ion:149 Resp: 226766

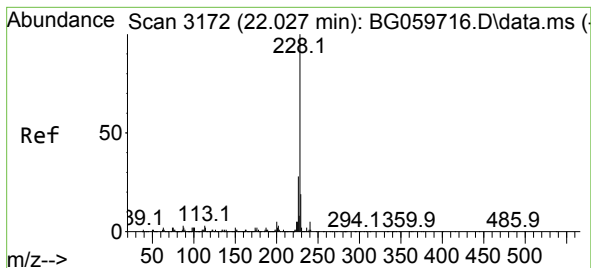
Ion Ratio Lower Upper

149 100

91 89.9 79.6 119.4

206 19.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 55.919 ng

RT: 22.001 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

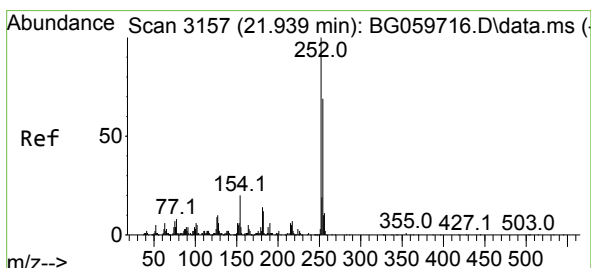
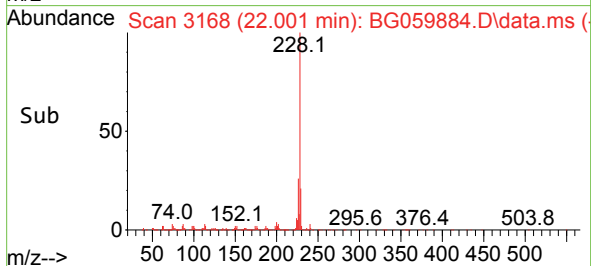
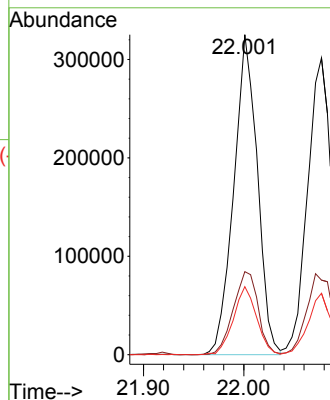
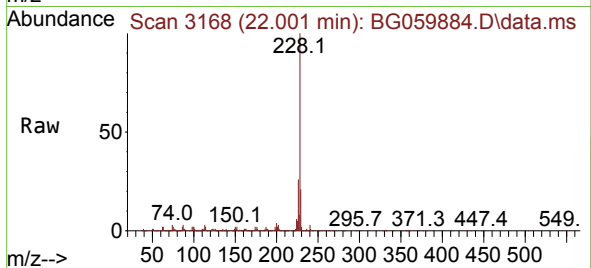
Tgt Ion:228 Resp: 532141

Ion Ratio Lower Upper

228 100

226 25.9 22.1 33.1

229 21.2 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 41.159 ng

RT: 21.913 min Scan# 3153

Delta R.T. -0.009 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

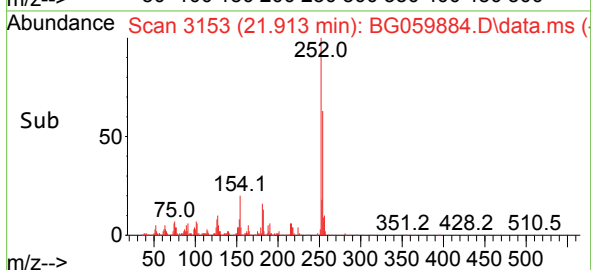
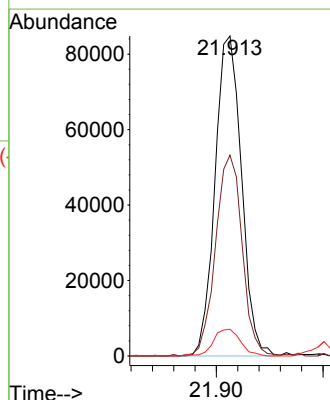
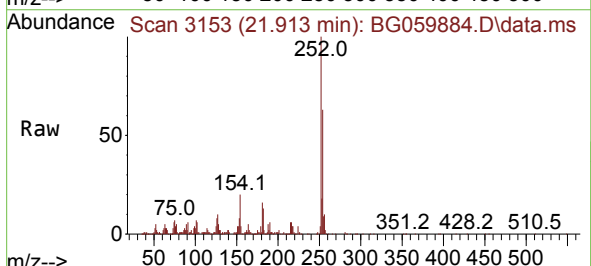
Tgt Ion:252 Resp: 145925

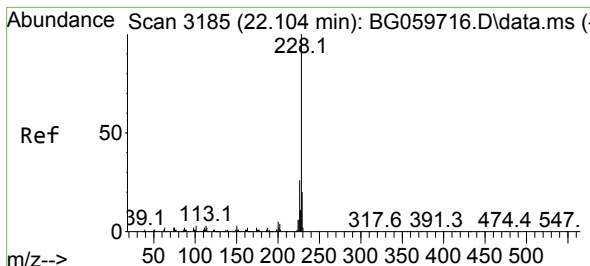
Ion Ratio Lower Upper

252 100

254 62.7 55.2 82.8

126 8.4 7.0 10.6





#83

Chrysene

Concen: 57.457 ng

RT: 22.077 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

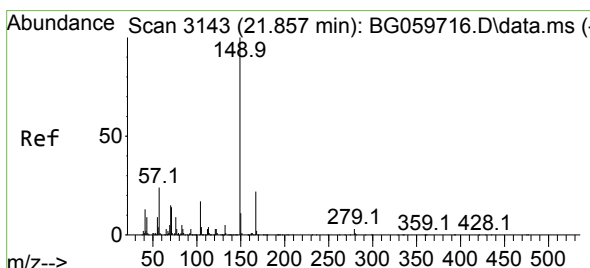
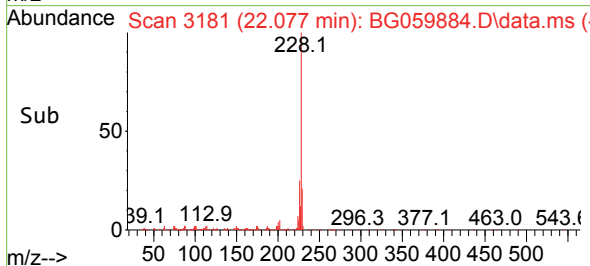
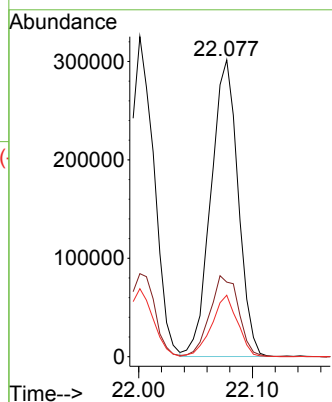
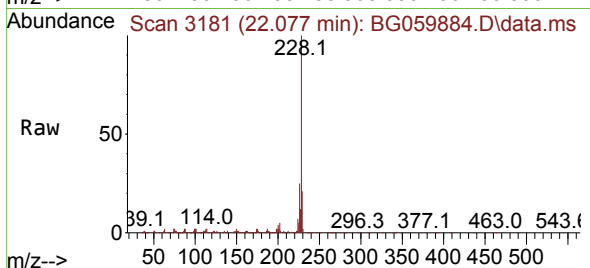
Tgt Ion:228 Resp: 501236

Ion Ratio Lower Upper

228 100

226 25.1 21.1 31.7

229 20.7 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.783 ng

RT: 21.825 min Scan# 3138

Delta R.T. -0.009 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

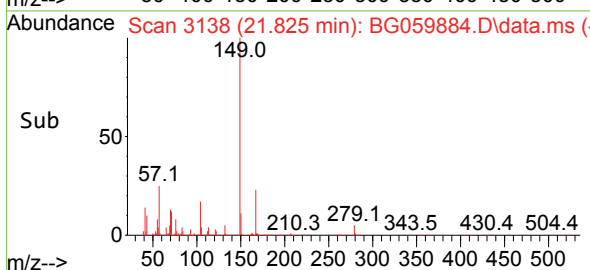
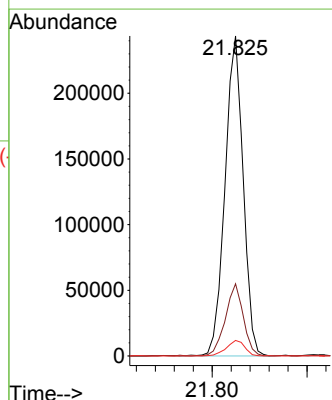
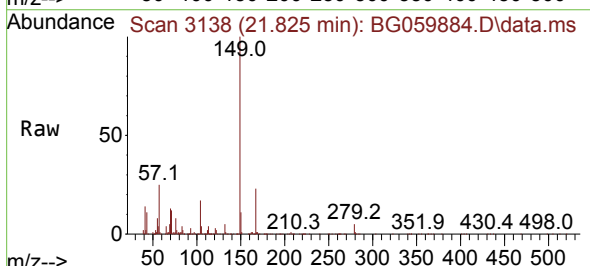
Tgt Ion:149 Resp: 324285

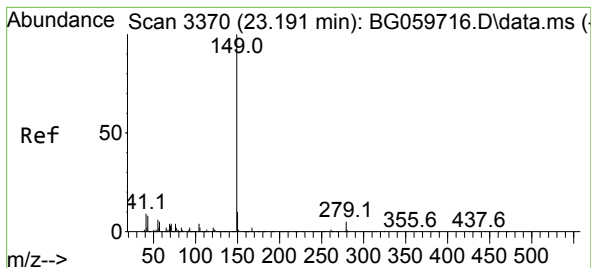
Ion Ratio Lower Upper

149 100

167 22.6 17.6 26.4

279 4.9 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 50.881 ng

RT: 23.147 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

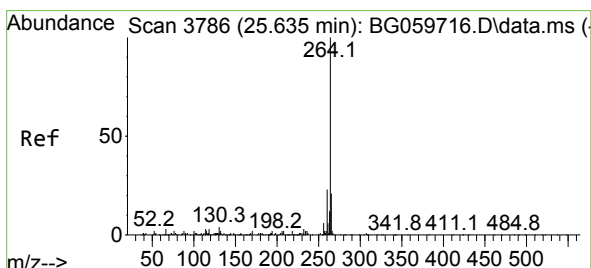
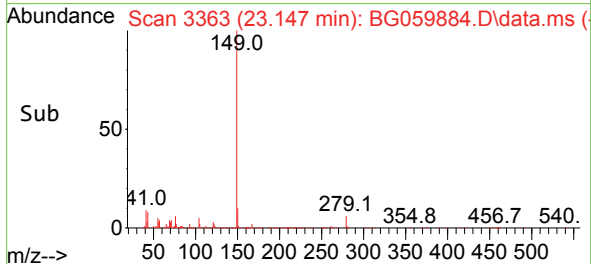
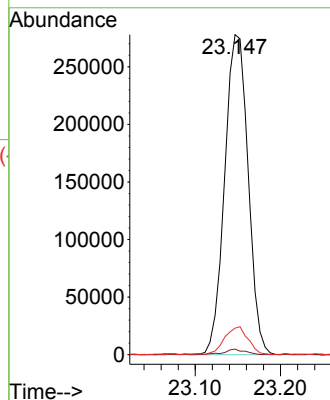
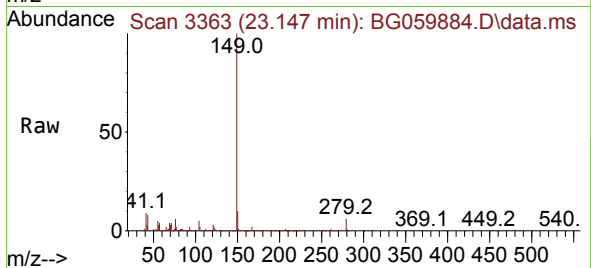
Tgt Ion:149 Resp: 531322

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.591 min Scan# 3779

Delta R.T. -0.021 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

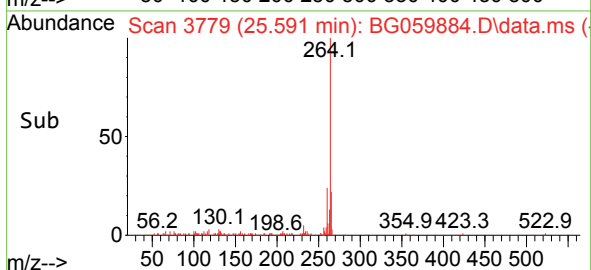
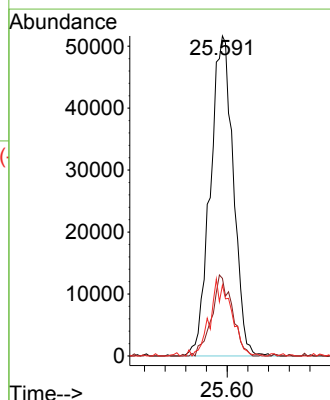
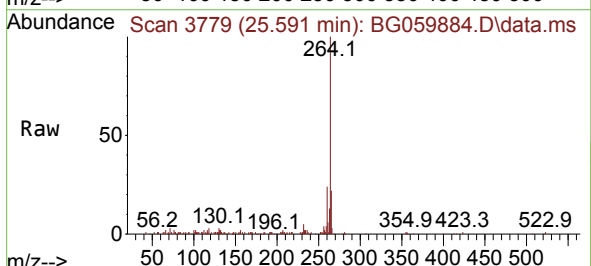
Tgt Ion:264 Resp: 159270

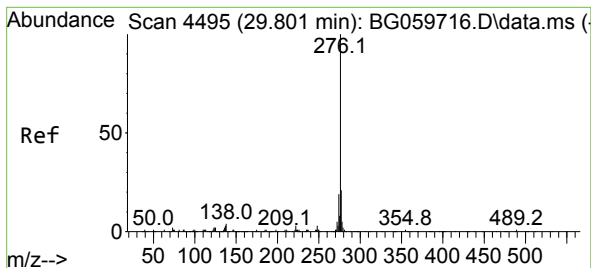
Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.553 ng

RT: 29.745 min Scan# 4495

Delta R.T. -0.015 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

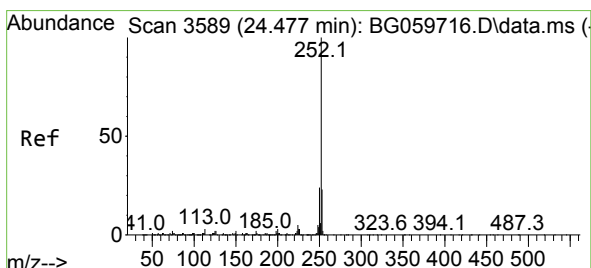
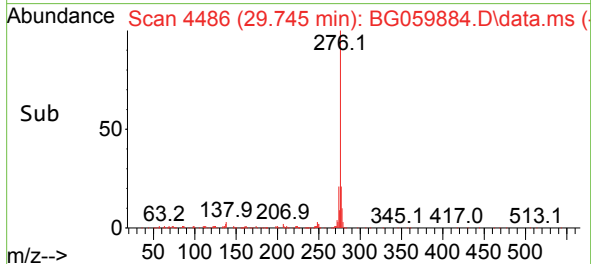
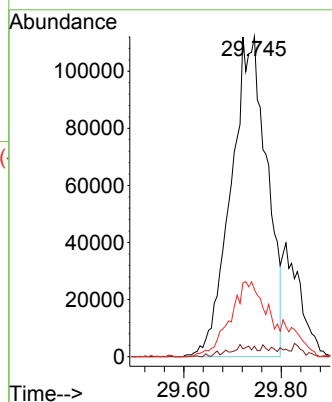
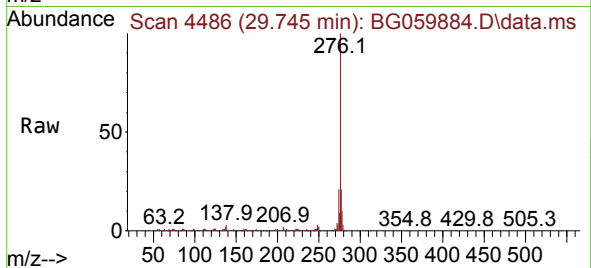
Tgt Ion:276 Resp: 573085

Ion Ratio Lower Upper

276 100

138 0.6 1.8 2.6#

277 0.0 9.8 14.6#



#88

Benzo(b)fluoranthene

Concen: 68.351 ng

RT: 24.427 min Scan# 3581

Delta R.T. -0.021 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

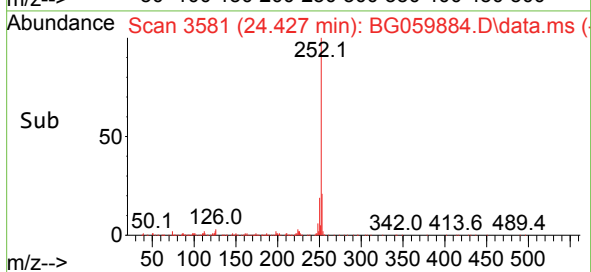
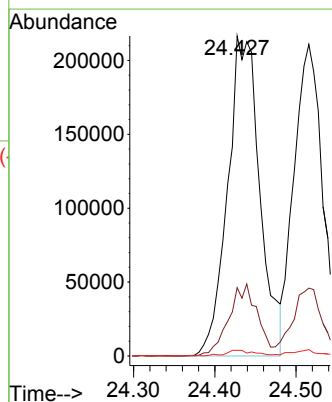
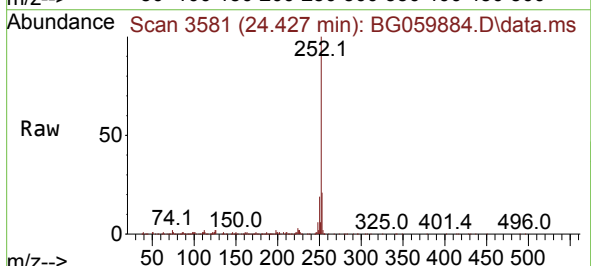
Tgt Ion:252 Resp: 596672

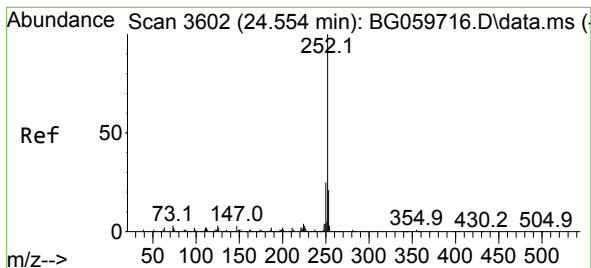
Ion Ratio Lower Upper

252 100

253 21.4 18.3 27.5

125 1.8 1.4 2.0





#89

Benzo(k)fluoranthene

Concen: 58.881 ng

RT: 24.516 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

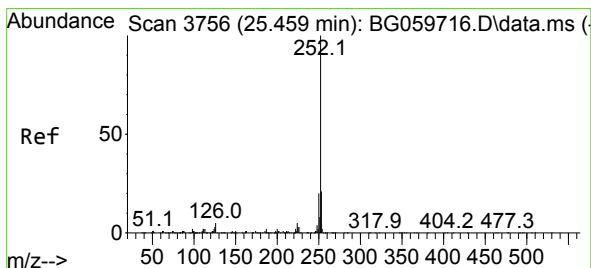
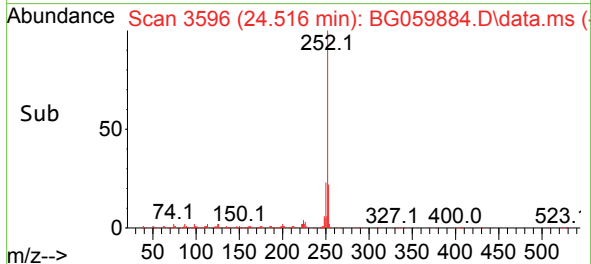
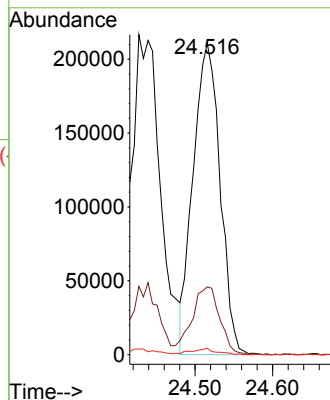
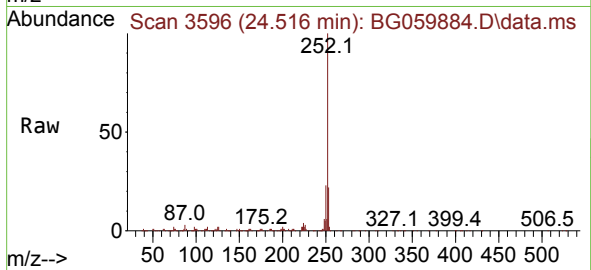
Tgt Ion:252 Resp: 508155

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 2.1 2.2 3.2#



#90

Benzo(a)pyrene

Concen: 51.148 ng

RT: 25.426 min Scan# 3751

Delta R.T. -0.015 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

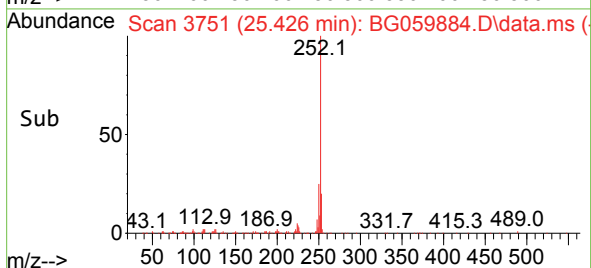
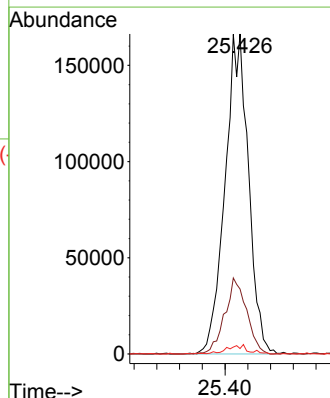
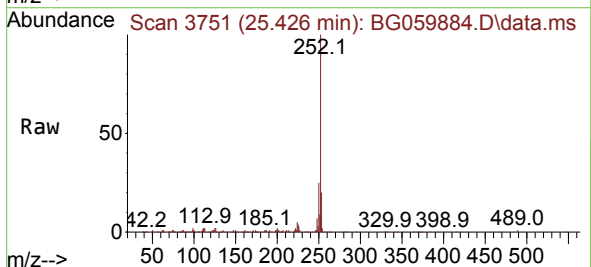
Tgt Ion:252 Resp: 476521

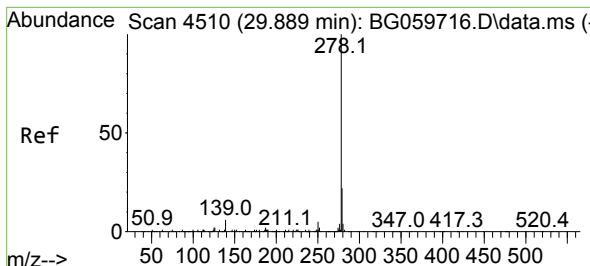
Ion Ratio Lower Upper

252 100

253 20.3 16.8 25.2

125 1.7 2.0 3.0#





#91

Dibenzo(a,h)anthracene

Concen: 56.144 ng

RT: 29.804 min Scan# 4496

Delta R.T. -0.045 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

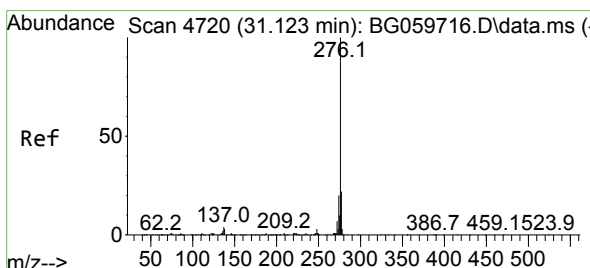
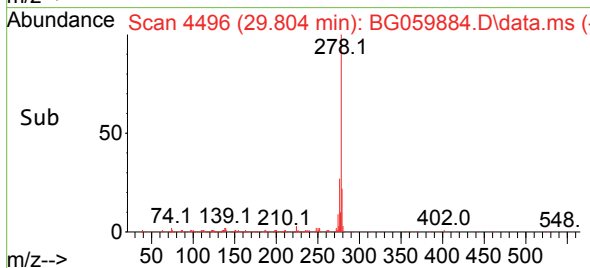
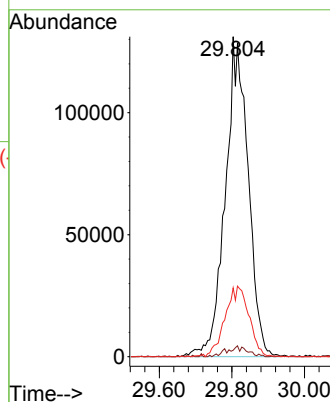
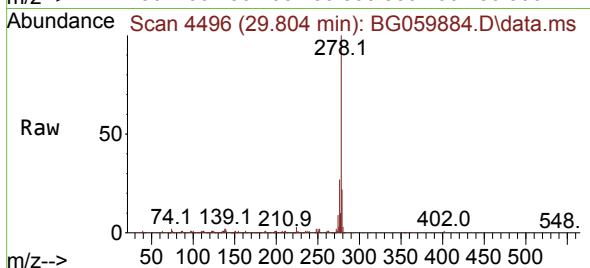
Tgt Ion:278 Resp: 572449

Ion Ratio Lower Upper

278 100

139 2.6 4.6 7.0#

279 21.5 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 32.166 ng

RT: 31.043 min Scan# 4707

Delta R.T. -0.051 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Tgt Ion:276 Resp: 311186

Ion Ratio Lower Upper

276 100

277 20.1 17.3 25.9

138 3.9 2.6 4.0

