

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058852.D
 Acq On : 25 Aug 2023 16:16
 Operator : MA/JU
 Sample : PB155022BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB155022BSD

Quant Time: Aug 26 09:16:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	14984	20.000	ng	0.00
21) Naphthalene-d8	10.631	136	68659	20.000	ng	0.00
39) Acenaphthene-d10	14.479	164	54466	20.000	ng	0.00
64) Phenanthrene-d10	17.217	188	138207	20.000	ng	0.00
76) Chrysene-d12	21.459	240	115048	20.000	ng	0.00
86) Perylene-d12	24.544	264	141978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	138157	148.378	ng	0.00
7) Phenol-d6	7.006	99	190533	145.850	ng	0.00
23) Nitrobenzene-d5	8.997	82	118977	83.312	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	121850	142.679	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	306716	81.905	ng	0.00
79) Terphenyl-d14	19.838	244	607479	94.811	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	13969	31.910	ng	94
3) Pyridine	3.680	79	36103	31.209	ng	98
4) n-Nitrosodimethylamine	3.598	42	28052	44.605	ng	# 98
6) Aniline	7.158	93	73951	46.308	ng	99
8) 2-Chlorophenol	7.393	128	51498	54.700	ng	96
9) Benzaldehyde	6.970	77	32729	44.664	ng	98
10) Phenol	7.029	94	68954	54.739	ng	97
11) bis(2-Chloroethyl)ether	7.252	93	45466	46.256	ng	97
12) 1,3-Dichlorobenzene	7.717	146	49323	49.322	ng	98
13) 1,4-Dichlorobenzene	7.864	146	49640	49.088	ng	94
14) 1,2-Dichlorobenzene	8.181	146	49001	50.135	ng	99
15) Benzyl Alcohol	8.069	79	51560	55.202	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.357	45	106712	50.942	ng	97
17) 2-Methylphenol	8.281	107	47552	51.396	ng	97
18) Hexachloroethane	8.909	117	18417	49.986	ng	99
19) n-Nitroso-di-n-propyla...	8.639	70	41659	49.333	ng	97
20) 3+4-Methylphenols	8.610	107	65166	52.389	ng	99
22) Acetophenone	8.657	105	81940	44.088	ng	# 98
24) Nitrobenzene	9.039	77	61271	43.138	ng	96
25) Isophorone	9.556	82	127086	44.749	ng	99
26) 2-Nitrophenol	9.750	139	27475	46.251	ng	96
27) 2,4-Dimethylphenol	9.808	122	51959	51.610	ng	99
28) bis(2-Chloroethoxy)met...	10.037	93	65418	43.487	ng	96
29) 2,4-Dichlorophenol	10.290	162	53770	51.975	ng	98
30) 1,2,4-Trichlorobenzene	10.496	180	56972	45.604	ng	97
31) Naphthalene	10.684	128	159690	44.297	ng	99
32) Benzoic acid	9.967	122	23255	38.921	ng	97
33) 4-Chloroaniline	10.801	127	63470	41.746	ng	96
34) Hexachlorobutadiene	10.960	225	37549	44.534	ng	96
35) Caprolactam	11.577	113	9577	25.834	ng	97
36) 4-Chloro-3-methylphenol	11.929	107	67904	52.781	ng	98
37) 2-Methylnaphthalene	12.294	142	118687	45.839	ng	99
38) 1-Methylnaphthalene	12.511	142	110681	45.032	ng	99
40) 1,2,4,5-Tetrachloroben...	12.664	216	70358	41.902	ng	98
41) Hexachlorocyclopentadiene	12.640	237	62967	93.639	ng	97
43) 2,4,6-Trichlorophenol	12.911	196	52105	48.768	ng	99

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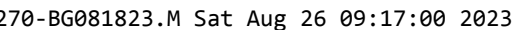
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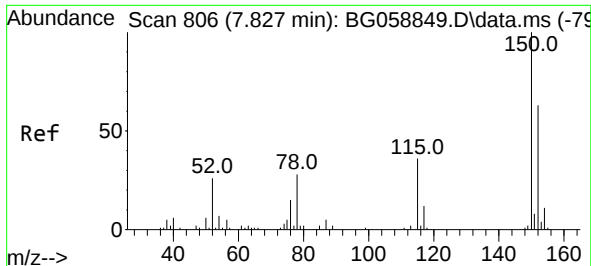
Quant Time: Aug 26 09:16:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	57961	45.302	ng	95
46) 1,1'-Biphenyl	13.310	154	160040	42.654	ng	99
47) 2-Chloronaphthalene	13.351	162	129583	44.318	ng	100
48) 2-Nitroaniline	13.563	65	49619	44.681	ng	96
49) Acenaphthylene	14.197	152	214476	44.231	ng	99
50) Dimethylphthalate	13.933	163	191052	45.303	ng	99
51) 2,6-Dinitrotoluene	14.062	165	41901	47.294	ng	97
52) Acenaphthene	14.538	154	125629	44.335	ng	96
53) 3-Nitroaniline	14.391	138	36879	43.158	ng	94
54) 2,4-Dinitrophenol	14.609	184	48830	97.009	ng	97
55) Dibenzofuran	14.873	168	217138	44.423	ng	100
56) 4-Nitrophenol	14.714	139	62593	100.069	ng	96
57) 2,4-Dinitrotoluene	14.855	165	62306	50.420	ng	92
58) Fluorene	15.525	166	177600	45.656	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.108	232	55341	53.006	ng	97
60) Diethylphthalate	15.296	149	203004	46.689	ng	99
61) 4-Chlorophenyl-phenyle...	15.513	204	98038	45.470	ng	95
62) 4-Nitroaniline	15.560	138	43437	50.090	ng	94
63) Azobenzene	15.807	77	177466	44.450	ng	97
65) 4,6-Dinitro-2-methylph...	15.619	198	38003	48.646	ng	96
66) n-Nitrosodiphenylamine	15.731	169	162597	45.646	ng	97
67) 4-Bromophenyl-phenylether	16.406	248	68924	45.446	ng	97
68) Hexachlorobenzene	16.530	284	77978	47.773	ng	100
69) Atrazine	16.683	200	70963	56.292	ng	98
70) Pentachlorophenol	16.876	266	74525	87.071	ng	97
71) Phenanthrene	17.264	178	303639	45.764	ng	99
72) Anthracene	17.352	178	303968	45.679	ng	99
73) Carbazole	17.629	167	282911	46.426	ng	98
74) Di-n-butylphthalate	18.175	149	349124	45.416	ng	99
75) Fluoranthene	19.280	202	369948	44.962	ng	96
77) Benzidine	19.462	184	228810	110.972	ng	99
78) Pyrene	19.638	202	372960	46.526	ng	99
80) Butylbenzylphthalate	20.519	149	149997	46.137	ng	98
81) Benzo(a)anthracene	21.442	228	364999	45.577	ng	97
82) 3,3'-Dichlorobenzidine	21.365	252	131412	47.529	ng	100
83) Chrysene	21.506	228	338692	43.877	ng	99
84) Bis(2-ethylhexyl)phtha...	21.342	149	214149	44.911	ng	100
85) Di-n-octyl phthalate	22.493	149	375276	45.758	ng	99
87) Indeno(1,2,3-cd)pyrene	28.057	276	447122	46.547	ng	# 94
88) Benzo(b)fluoranthene	23.563	252	393157	49.908	ng	99
89) Benzo(k)fluoranthene	23.627	252	375439	46.212	ng	98
90) Benzo(a)pyrene	24.397	252	342530	44.159	ng	97
91) Dibenzo(a,h)anthracene	28.104	278	372076	47.139	ng	99
92) Benzo(g,h,i)perylene	29.156	276	368357	46.676	ng	96

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

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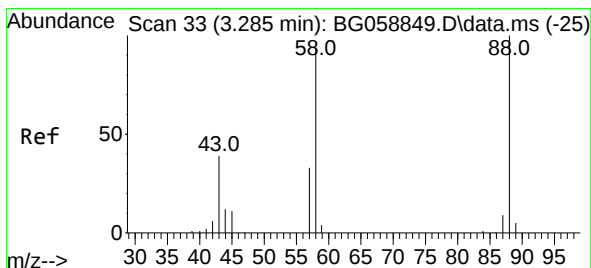
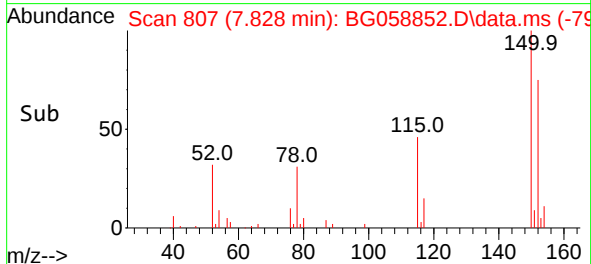
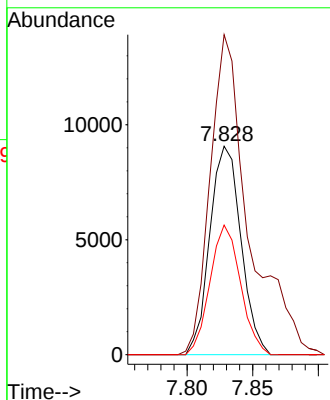
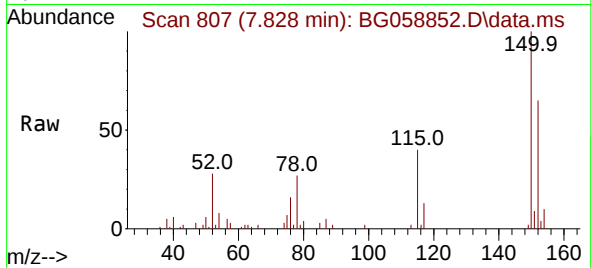




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

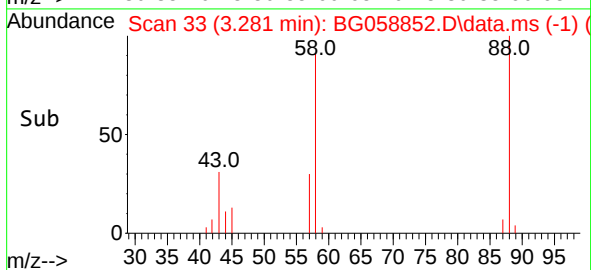
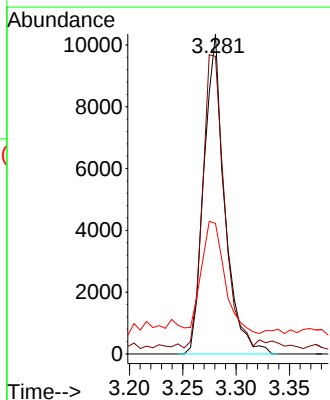
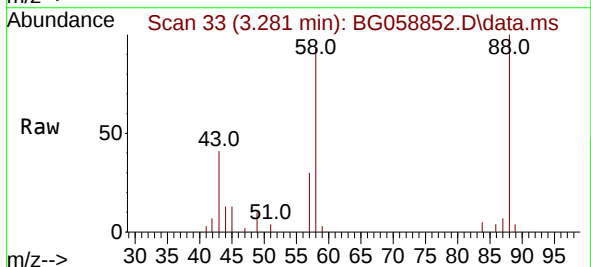
Instrument :
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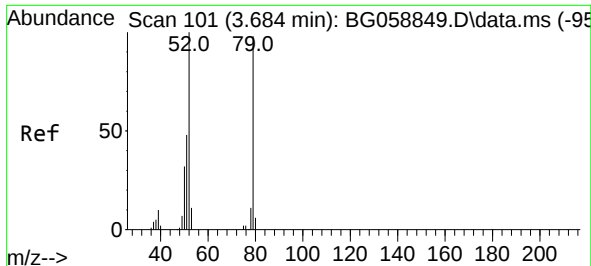
Tgt Ion:152 Resp: 14984
Ion Ratio Lower Upper
152 100
150 153.4 128.6 192.8
115 62.1 50.4 75.6



#2
1,4-Dioxane
Concen: 31.910 ng
RT: 3.281 min Scan# 33
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion: 88 Resp: 13969
Ion Ratio Lower Upper
88 100
58 96.4 82.8 124.2
43 39.8 30.1 45.1

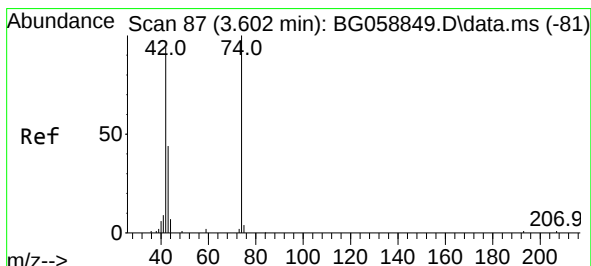
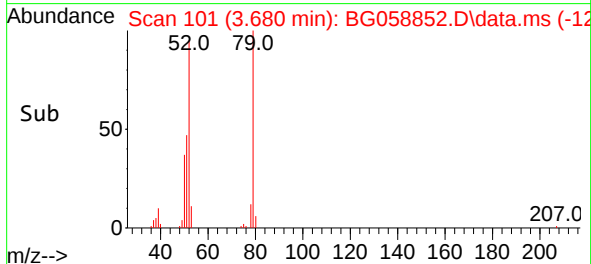
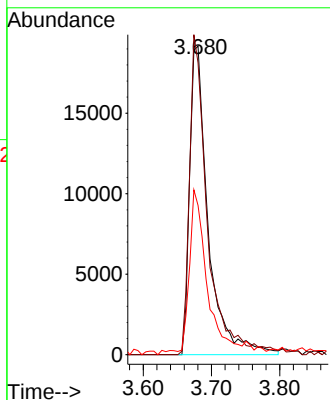
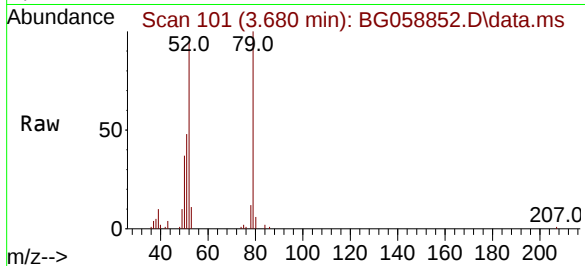




#3
Pyridine
Concen: 31.209 ng
RT: 3.680 min Scan# 101
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

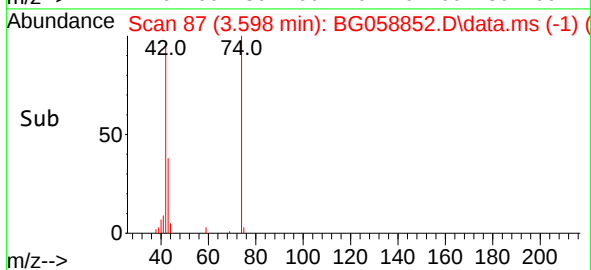
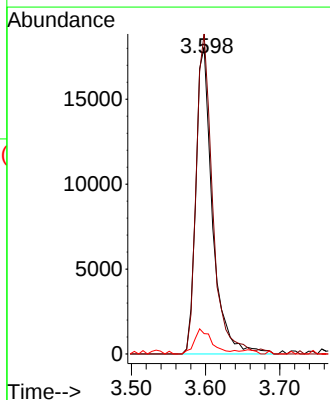
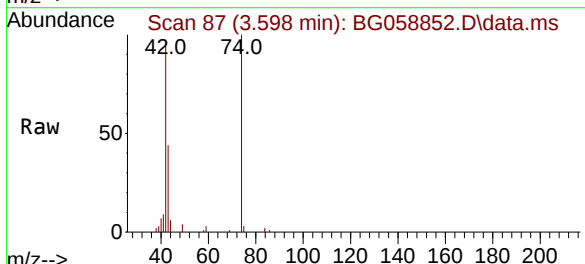
Instrument :
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ClientSampleId :
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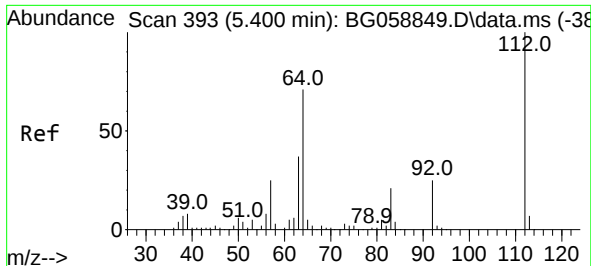
Tgt Ion: 79 Resp: 36103
Ion Ratio Lower Upper
79 100
52 94.5 77.6 116.4
51 48.4 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 44.605 ng
RT: 3.598 min Scan# 87
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion: 42 Resp: 28052
Ion Ratio Lower Upper
42 100
74 104.3 85.1 127.7
44 6.6 6.9 10.3

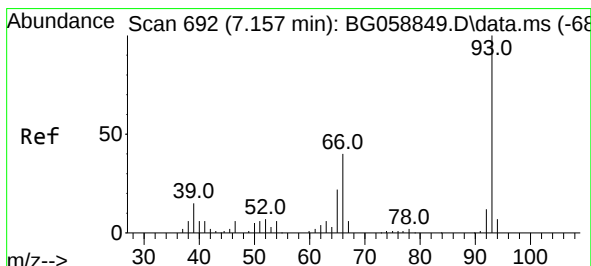
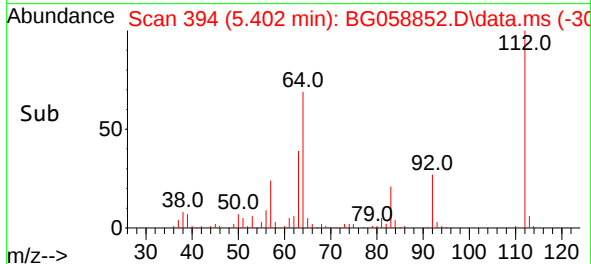
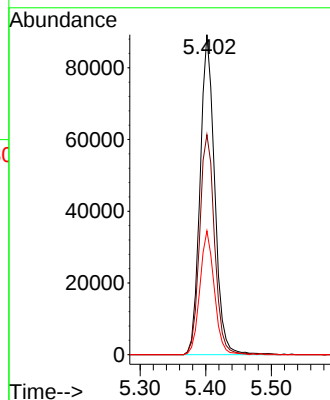
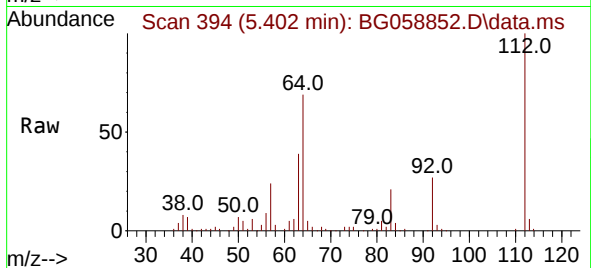




#5
2-Fluorophenol
Concen: 148.378 ng
RT: 5.402 min Scan# 393
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

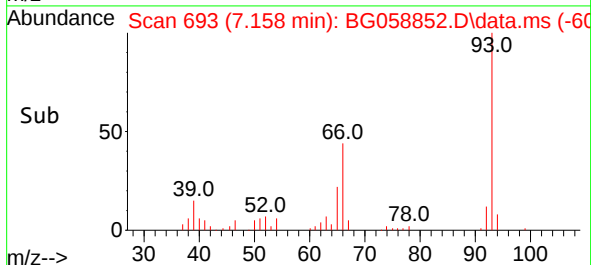
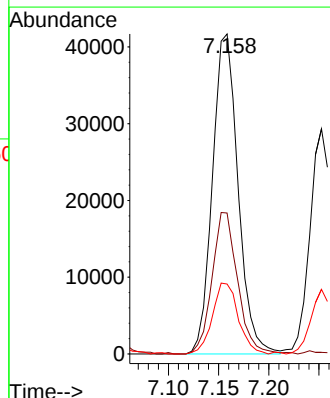
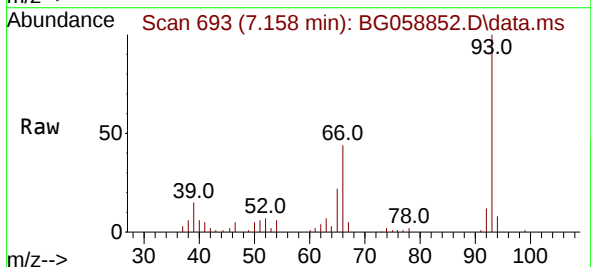
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ClientSampleId :
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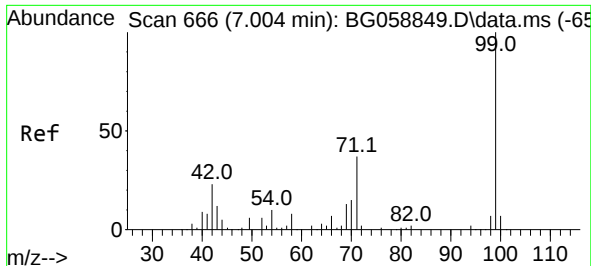
Tgt Ion:112 Resp: 138157
Ion Ratio Lower Upper
112 100
64 68.7 60.6 90.8
63 38.7 31.0 46.4



#6
Aniline
Concen: 46.308 ng
RT: 7.158 min Scan# 693
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion: 93 Resp: 73951
Ion Ratio Lower Upper
93 100
66 44.1 35.7 53.5
65 21.8 18.2 27.2

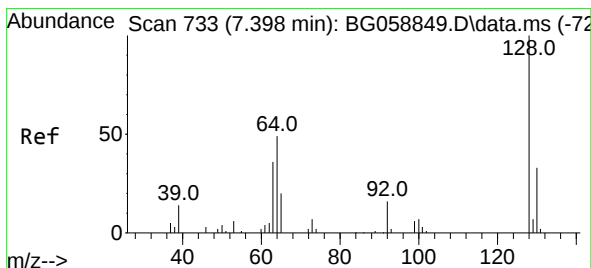
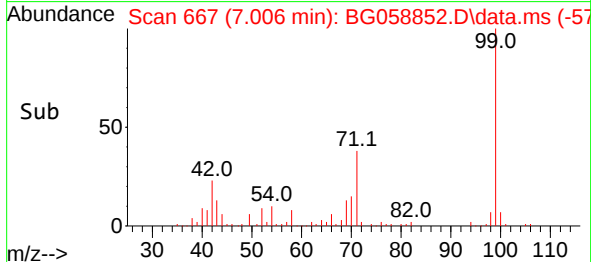
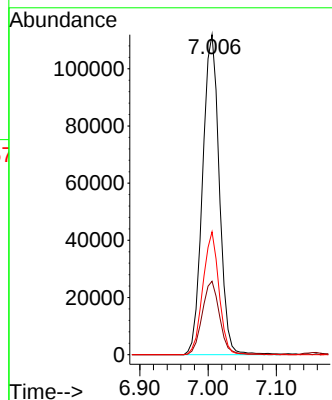
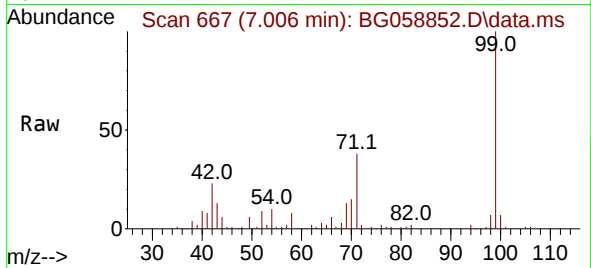




#7
Phenol-d6
Concen: 145.850 ng
RT: 7.006 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

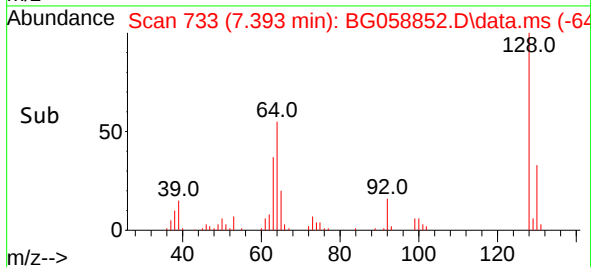
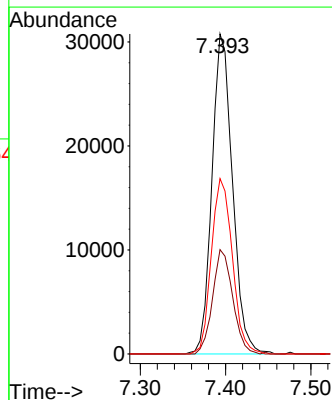
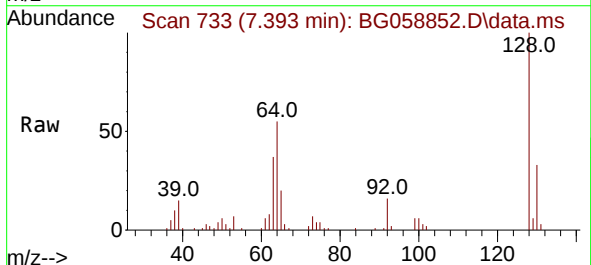
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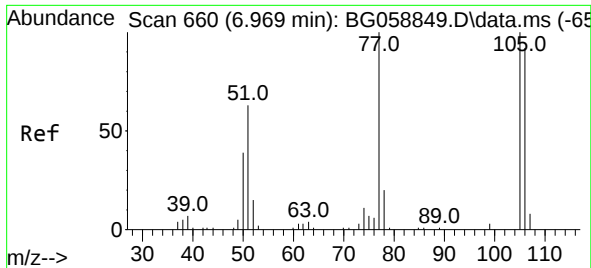
Tgt Ion: 99 Resp: 190533
Ion Ratio Lower Upper
99 100
42 23.0 16.5 24.7
71 38.4 28.4 42.6



#8
2-Chlorophenol
Concen: 54.700 ng
RT: 7.393 min Scan# 733
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:128 Resp: 51498
Ion Ratio Lower Upper
128 100
130 32.6 10.9 50.9
64 54.8 38.4 78.4

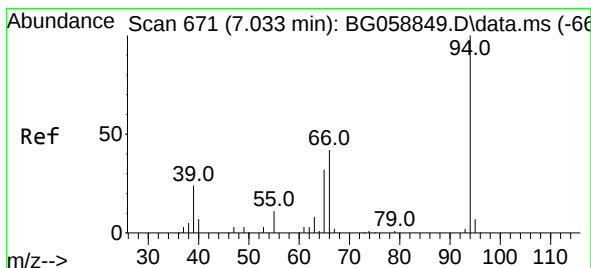
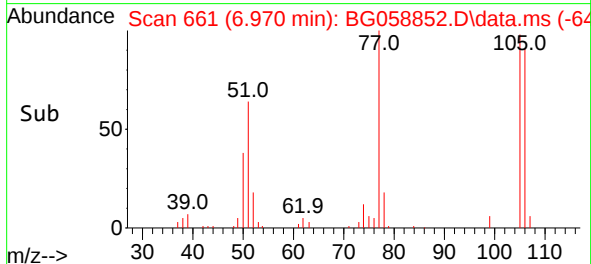
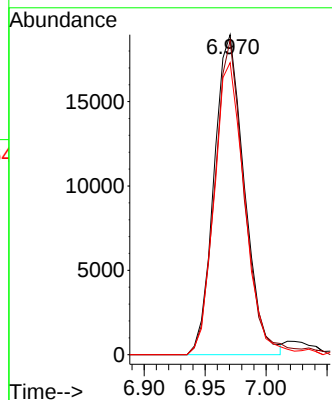
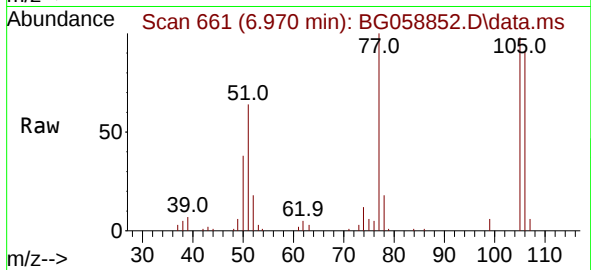




#9
Benzaldehyde
Concen: 44.664 ng
RT: 6.970 min Scan# 660
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

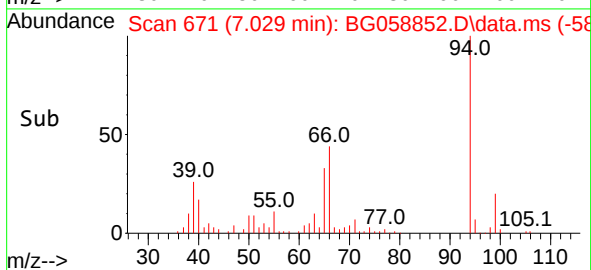
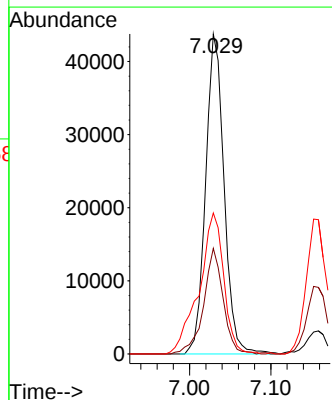
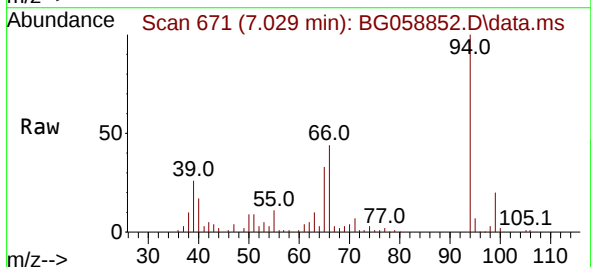
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

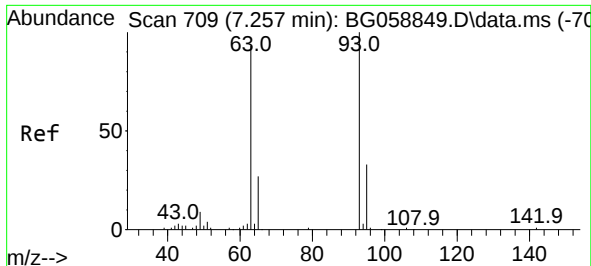
Tgt Ion: 77 Resp: 32729
Ion Ratio Lower Upper
77 100
105 98.2 76.7 116.7
106 91.3 73.4 113.4



#10
Phenol
Concen: 54.739 ng
RT: 7.029 min Scan# 671
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion: 94 Resp: 68954
Ion Ratio Lower Upper
94 100
65 33.0 12.6 52.6
66 44.1 26.6 66.6

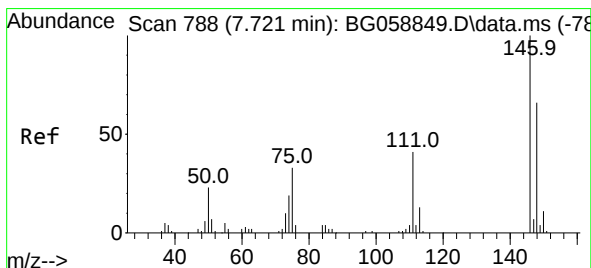
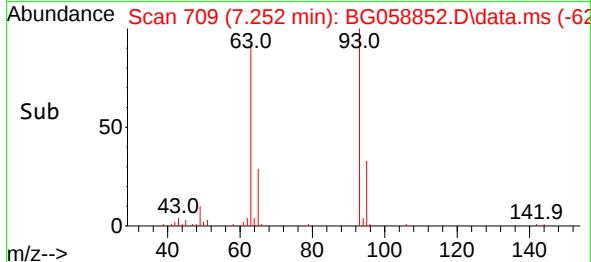
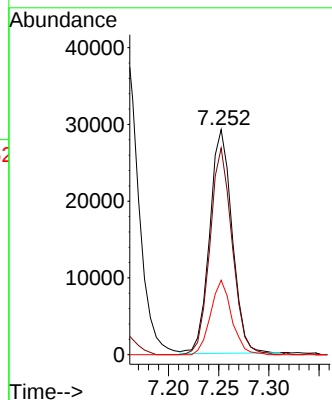
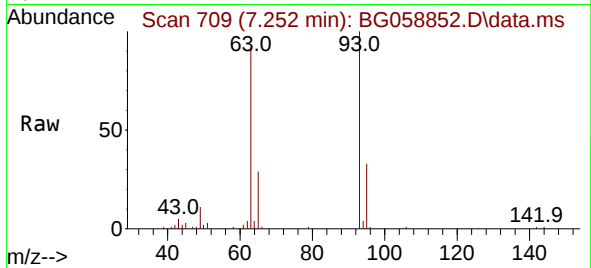




#11
bis(2-Chloroethyl)ether
Concen: 46.256 ng
RT: 7.252 min Scan# 709
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

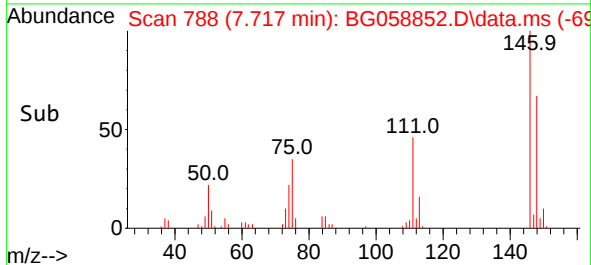
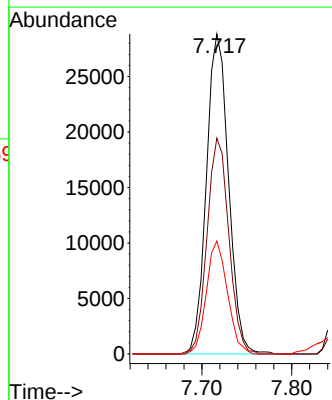
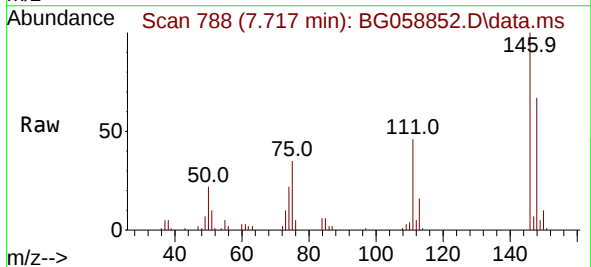
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

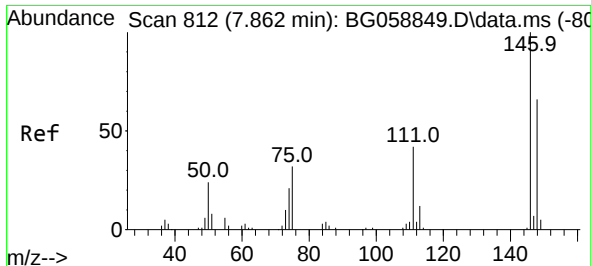
Tgt Ion: 93 Resp: 45466
Ion Ratio Lower Upper
93 100
63 91.8 74.8 114.8
95 33.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 49.322 ng
RT: 7.717 min Scan# 788
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion: 146 Resp: 49323
Ion Ratio Lower Upper
146 100
148 67.4 52.4 78.6
75 35.3 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 49.088 ng

RT: 7.864 min Scan# 812

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

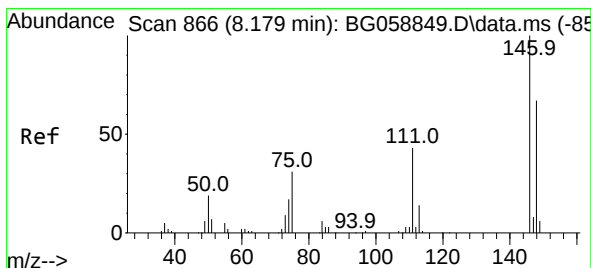
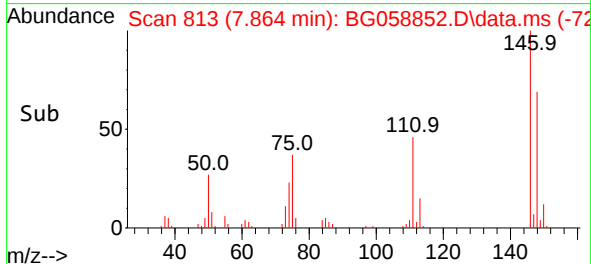
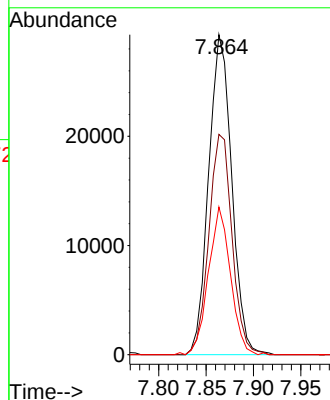
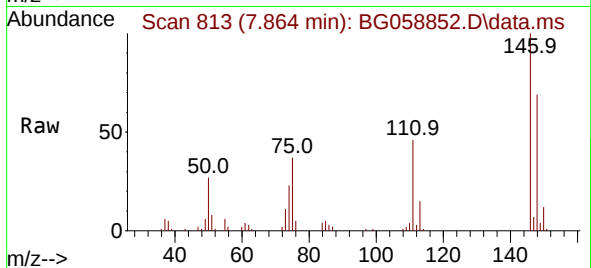
Tgt Ion:146 Resp: 49640

Ion Ratio Lower Upper

146 100

148 68.9 51.3 76.9

111 46.1 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 50.135 ng

RT: 8.181 min Scan# 867

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

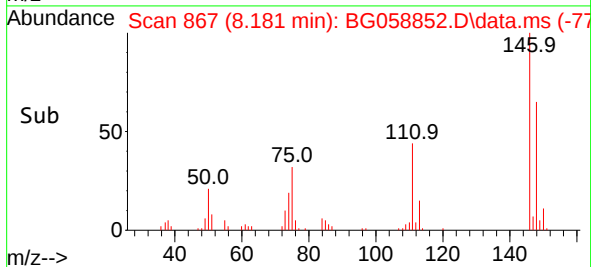
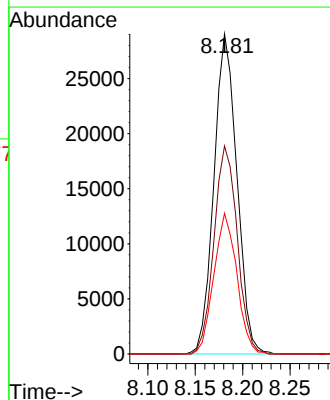
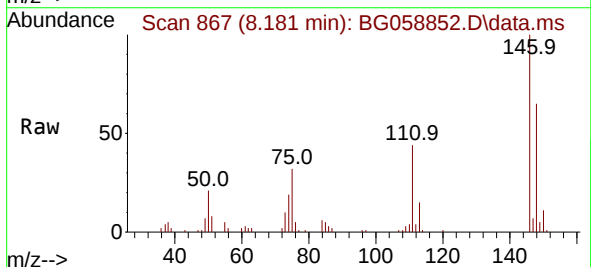
Tgt Ion:146 Resp: 49001

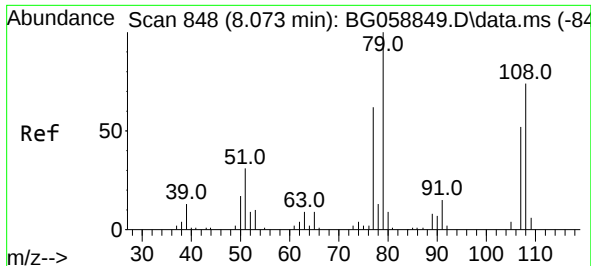
Ion Ratio Lower Upper

146 100

148 65.0 52.9 79.3

111 44.0 35.5 53.3

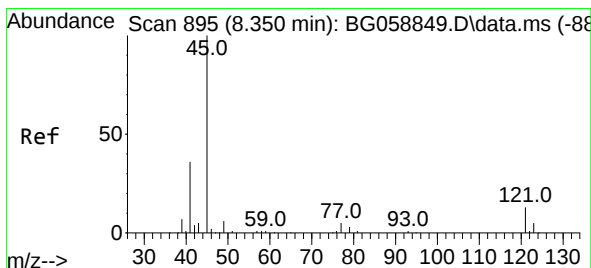
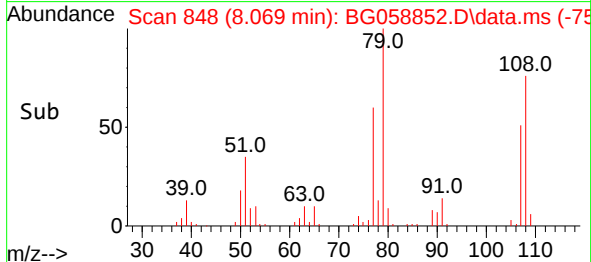
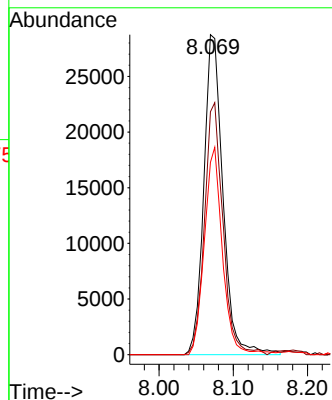
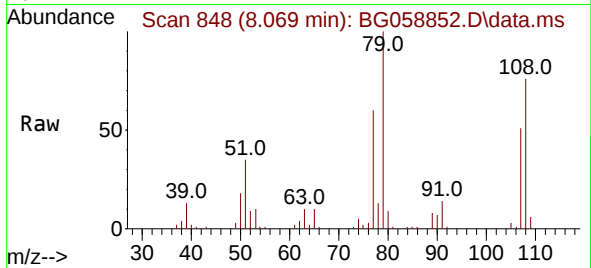




#15
Benzyl Alcohol
Concen: 55.202 ng
RT: 8.069 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

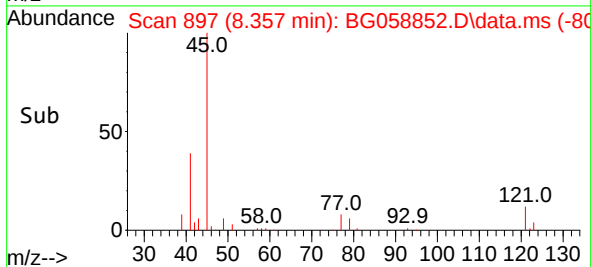
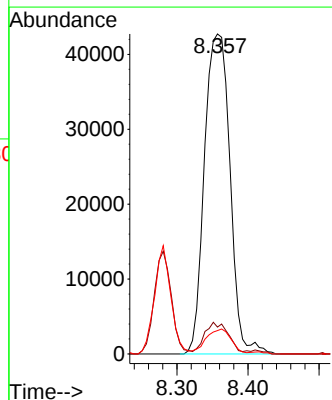
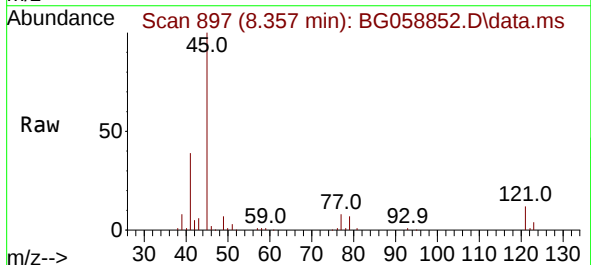
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

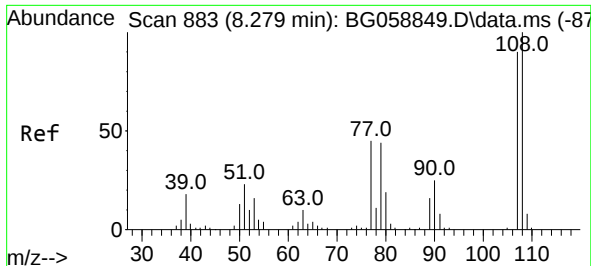
Tgt Ion: 79 Resp: 51560
Ion Ratio Lower Upper
79 100
108 75.9 63.4 95.0
77 60.1 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.942 ng
RT: 8.357 min Scan# 897
Delta R.T. 0.007 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion: 45 Resp: 106712
Ion Ratio Lower Upper
45 100
77 8.4 0.0 30.3
79 7.3 0.0 27.7

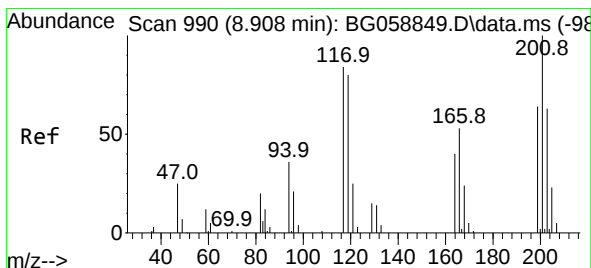
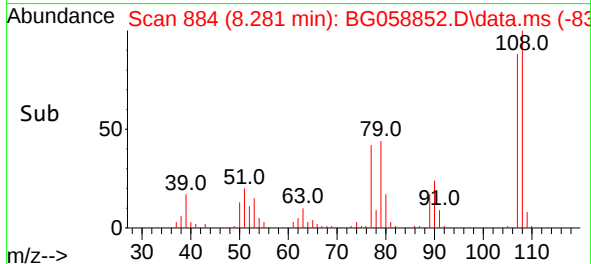
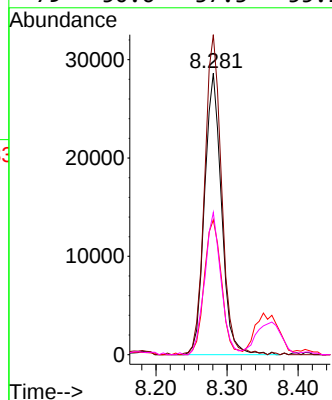
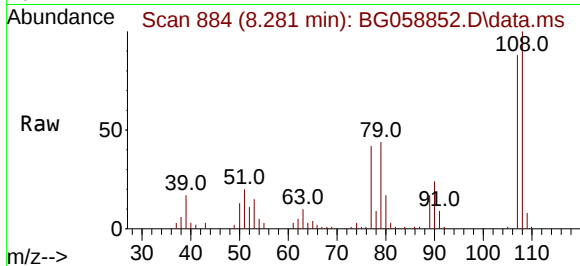




#17
2-Methylphenol
Concen: 51.396 ng
RT: 8.281 min Scan# 884
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

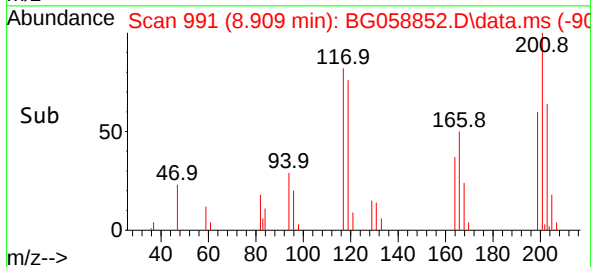
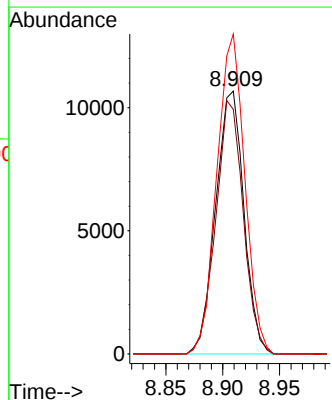
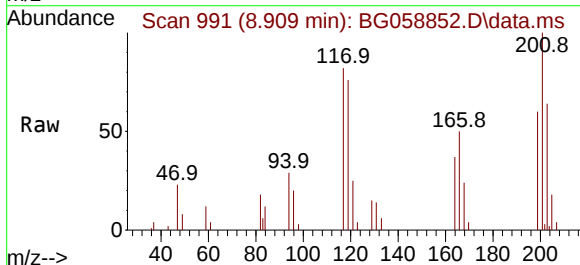
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

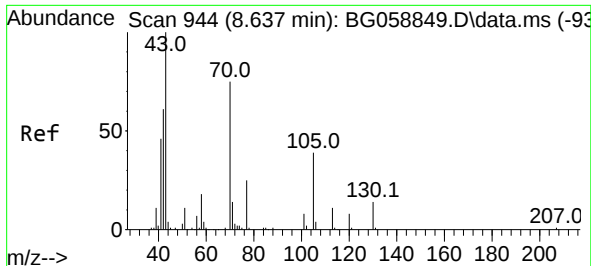
Tgt Ion:	107	Resp:	47552
Ion	Ratio	Lower	Upper
107	100		
108	113.7	92.2	138.2
77	47.9	40.0	60.0
79	50.6	37.3	55.9



#18
Hexachloroethane
Concen: 49.986 ng
RT: 8.909 min Scan# 991
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:	117	Resp:	18417
Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.6	115.0
201	121.7	97.0	145.6

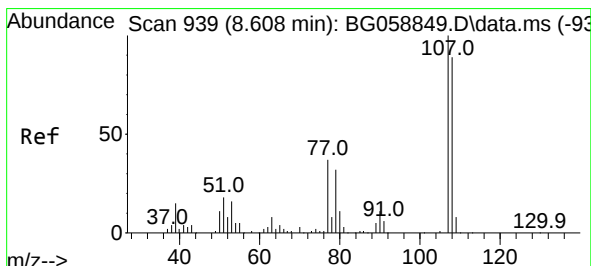
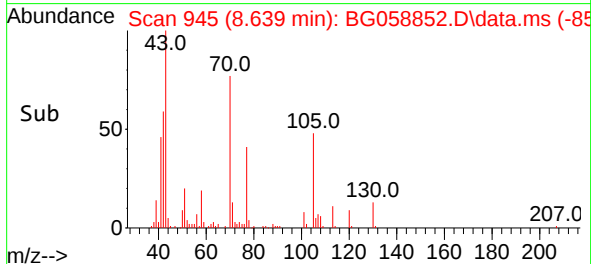
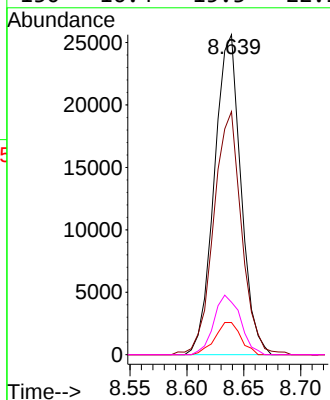
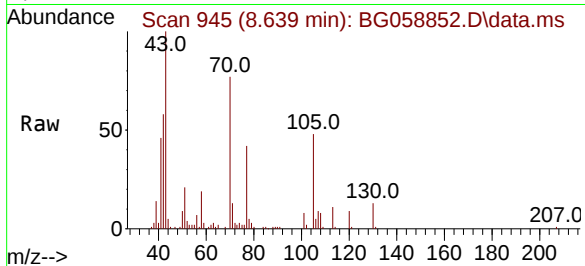




#19
n-Nitroso-di-n-propylamine
Concen: 49.333 ng
RT: 8.639 min Scan# 944
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

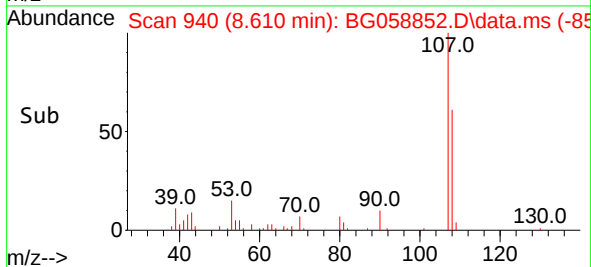
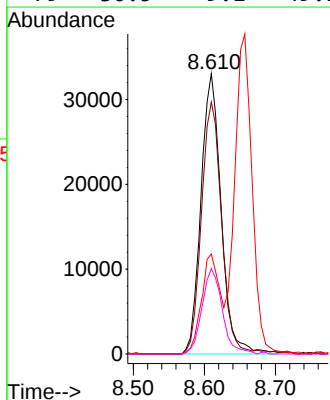
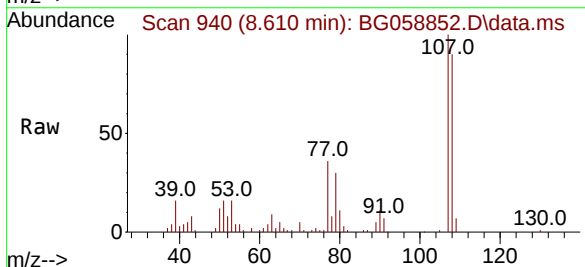
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

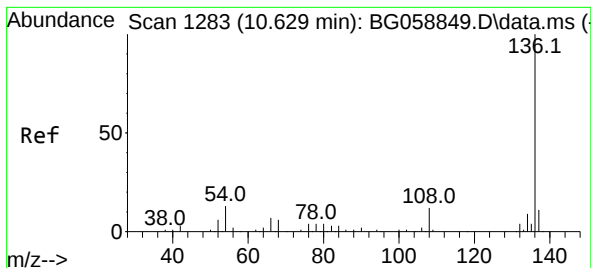
Tgt Ion:	70	Resp:	41659
Ion	Ratio	Lower	Upper
70	100		
42	75.9	59.2	88.8
101	10.0	8.2	12.2
130	16.4	15.3	22.9



#20
3+4-Methylphenols
Concen: 52.389 ng
RT: 8.610 min Scan# 940
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:	107	Resp:	65166
Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.6	110.6
77	35.7	14.8	54.8
79	30.5	9.1	49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.631 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

Tgt Ion:136 Resp: 68659

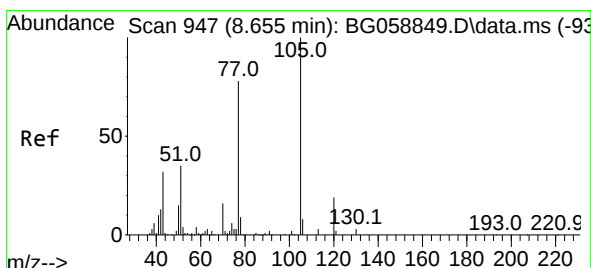
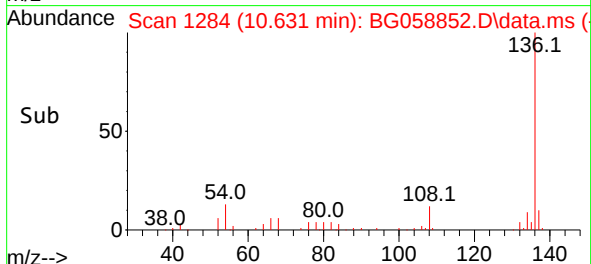
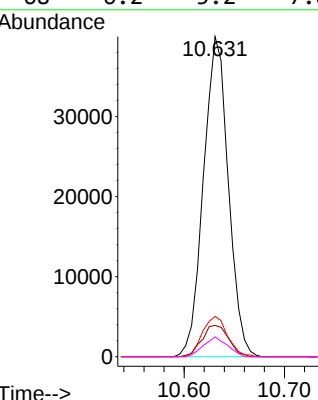
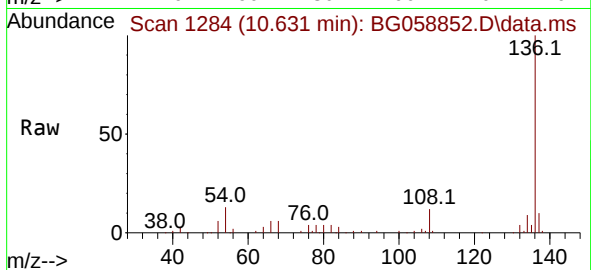
Ion Ratio Lower Upper

136 100

137 9.8 8.7 13.1

54 12.6 10.1 15.1

68 6.2 5.2 7.8



#22

Acetophenone

Concen: 44.088 ng

RT: 8.657 min Scan# 948

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Tgt Ion:105 Resp: 81940

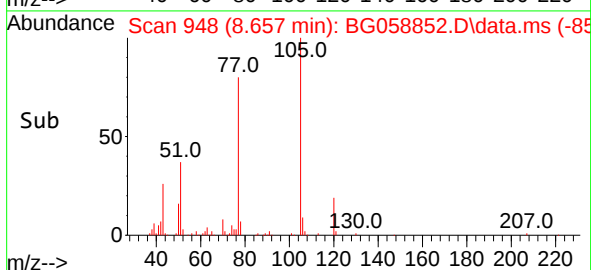
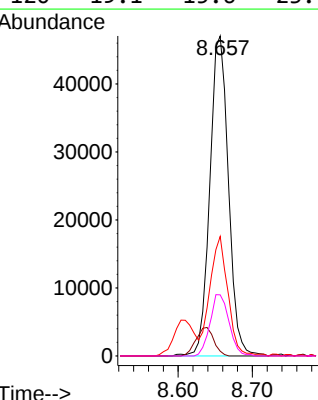
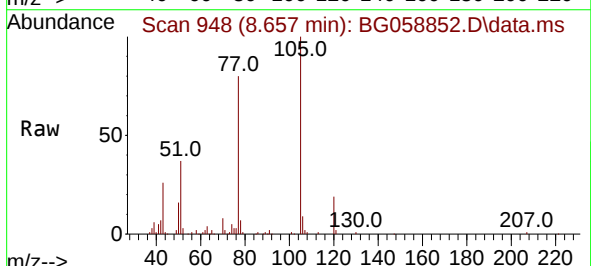
Ion Ratio Lower Upper

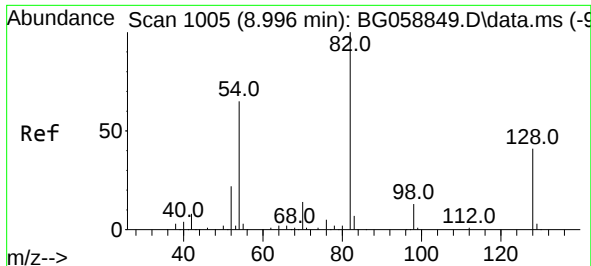
105 100

71 1.5 2.2 3.2#

51 37.4 28.5 42.7

120 19.1 15.6 23.4

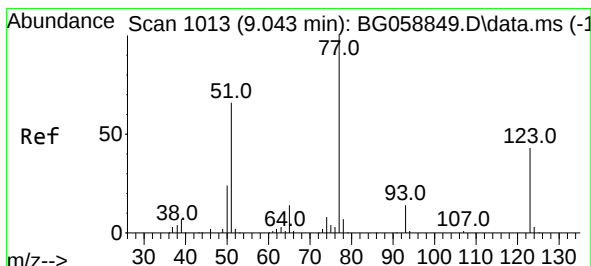
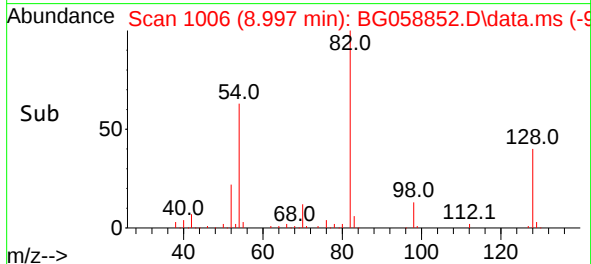
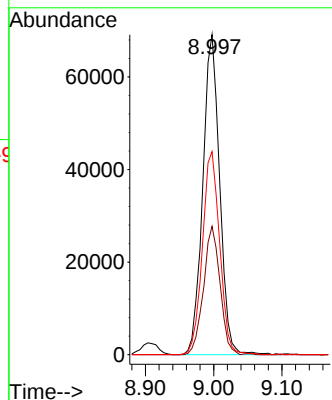
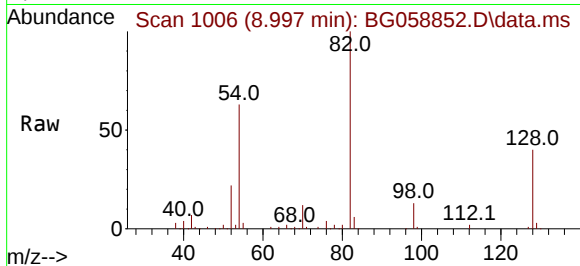




#23
Nitrobenzene-d5
Concen: 83.312 ng
RT: 8.997 min Scan# 1005
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

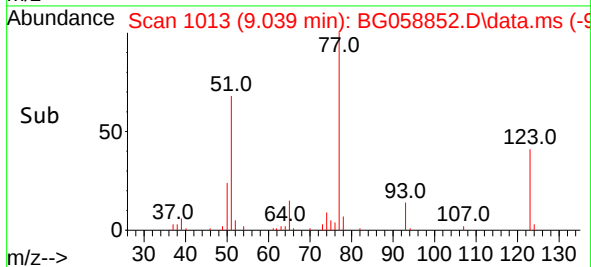
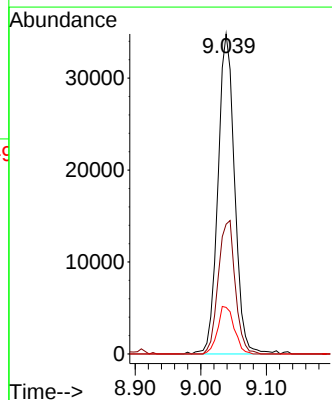
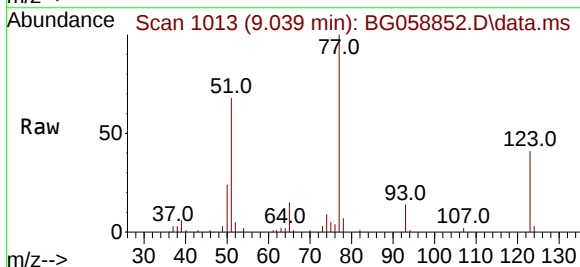
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

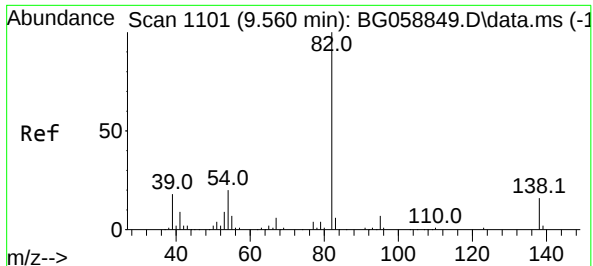
Tgt Ion: 82 Resp: 118977
Ion Ratio Lower Upper
82 100
128 40.1 33.2 49.8
54 63.5 51.2 76.8



#24
Nitrobenzene
Concen: 43.138 ng
RT: 9.039 min Scan# 1013
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion: 77 Resp: 61271
Ion Ratio Lower Upper
77 100
123 40.6 34.9 52.3
65 14.5 10.9 16.3

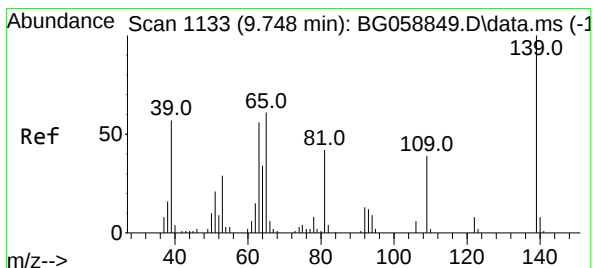
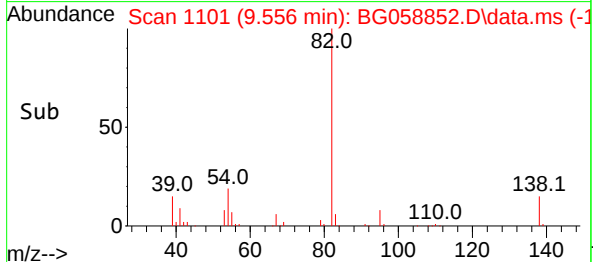
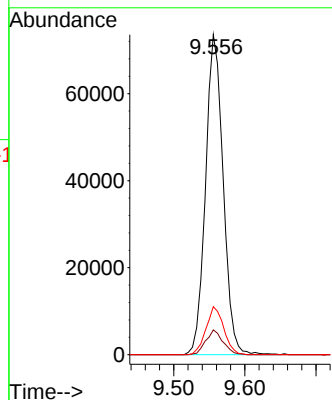
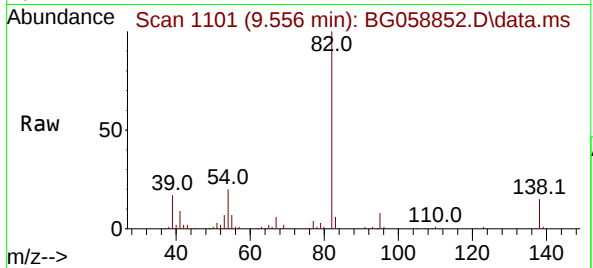




#25
Isophorone
Concen: 44.749 ng
RT: 9.556 min Scan# 1101
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

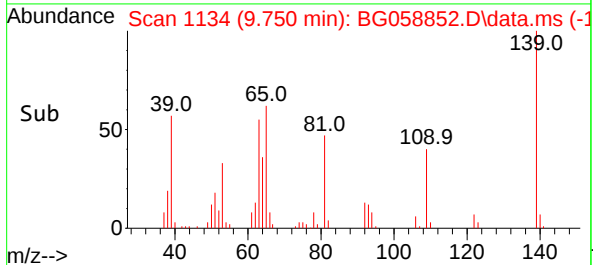
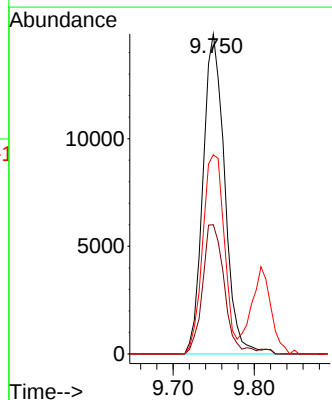
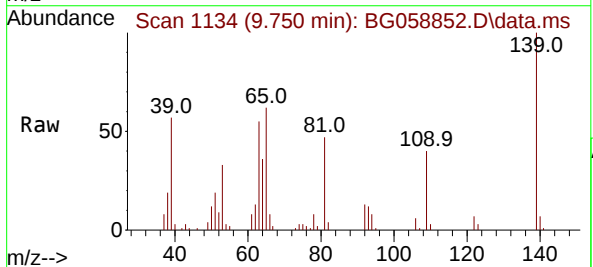
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

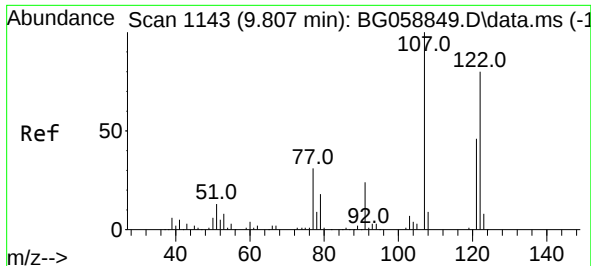
Tgt Ion: 82 Resp: 127086
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 15.0 12.2 18.4



#26
2-Nitrophenol
Concen: 46.251 ng
RT: 9.750 min Scan# 1134
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:139 Resp: 27475
Ion Ratio Lower Upper
139 100
109 40.4 28.7 43.1
65 62.3 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 51.610 ng

RT: 9.808 min Scan# 1143

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

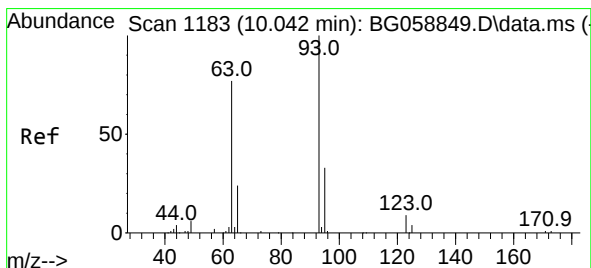
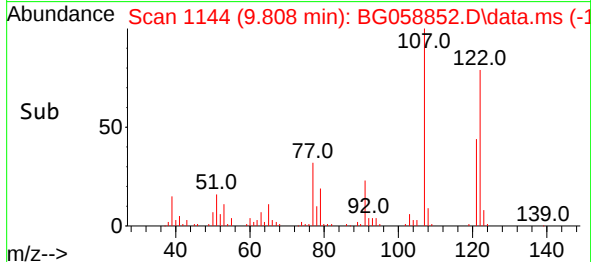
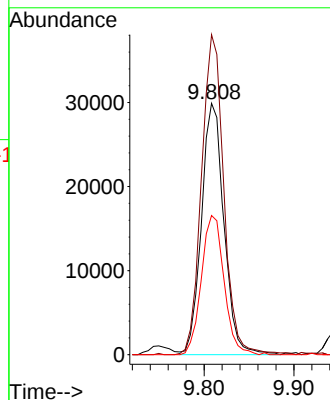
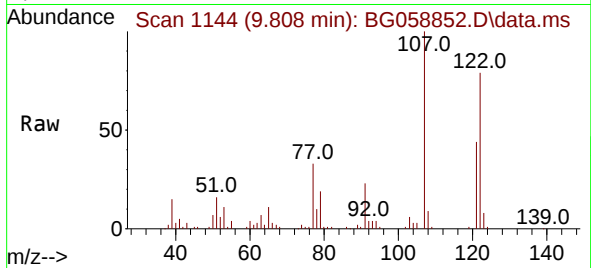
Tgt Ion:122 Resp: 51959

Ion Ratio Lower Upper

122 100

107 127.3 102.6 154.0

121 55.4 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.487 ng

RT: 10.037 min Scan# 1183

Delta R.T. -0.004 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

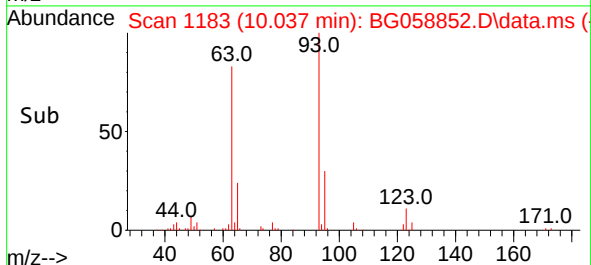
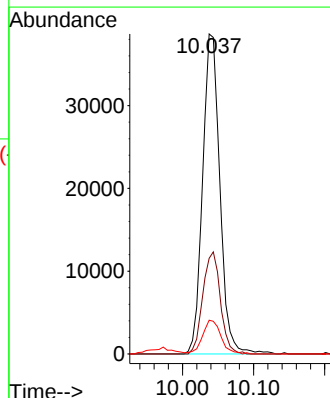
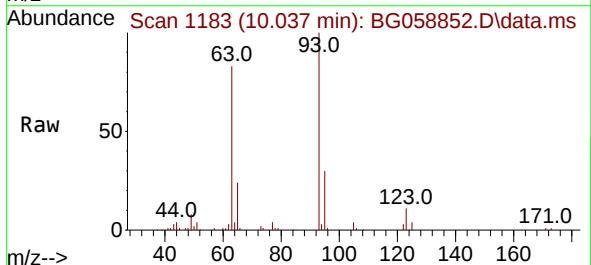
Tgt Ion: 93 Resp: 65418

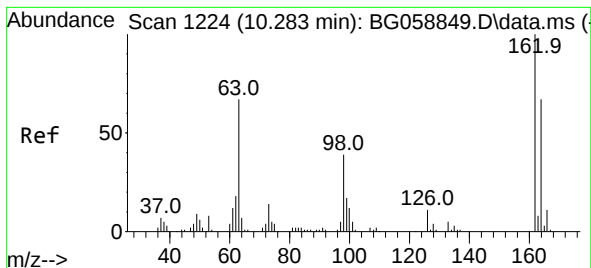
Ion Ratio Lower Upper

93 100

95 29.9 26.2 39.4

123 10.5 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 51.975 ng

RT: 10.290 min Scan# 1

Delta R.T. 0.007 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

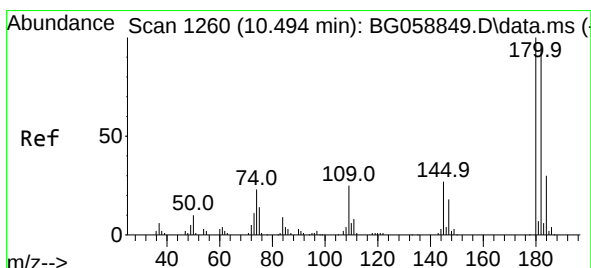
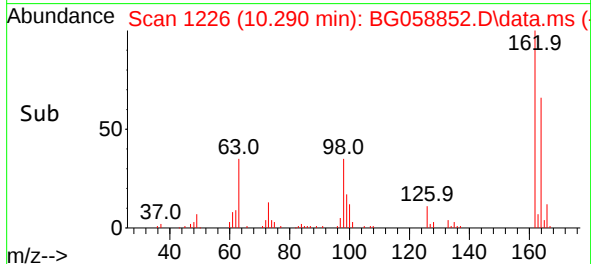
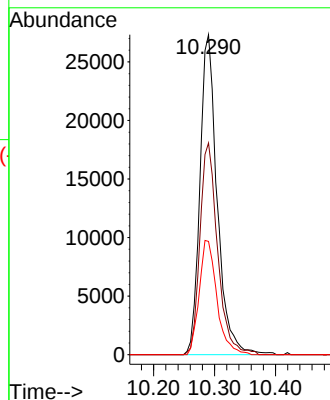
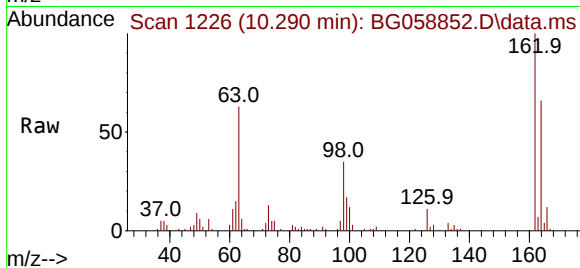
Tgt Ion:162 Resp: 53770

Ion Ratio Lower Upper

162 100

164 66.1 44.4 84.4

98 35.4 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 45.604 ng

RT: 10.496 min Scan# 1261

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

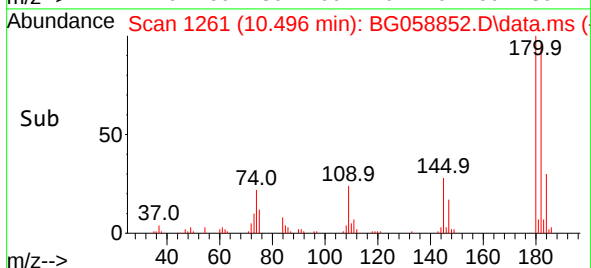
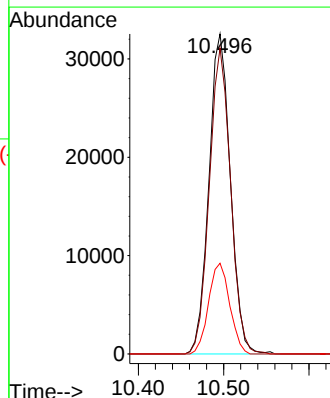
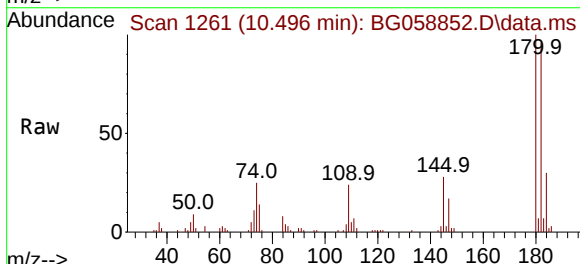
Tgt Ion:180 Resp: 56972

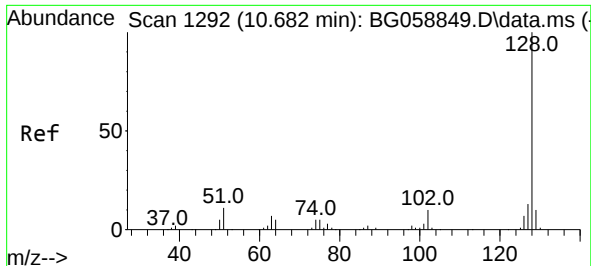
Ion Ratio Lower Upper

180 100

182 95.6 74.6 112.0

145 28.4 21.4 32.0

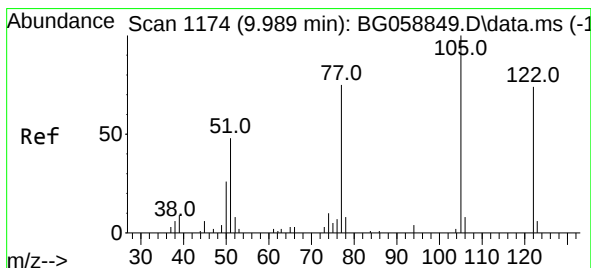
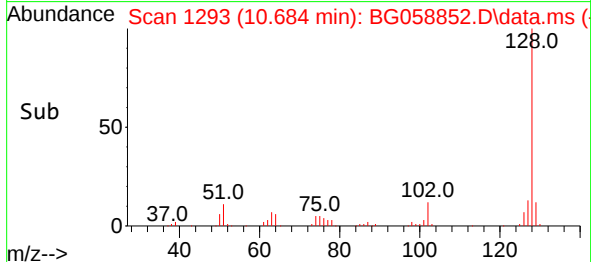
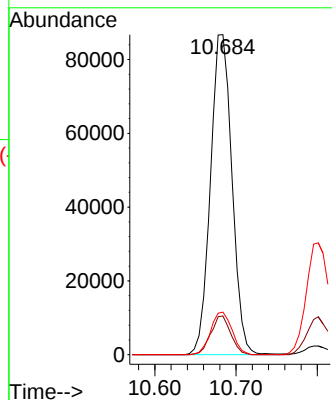
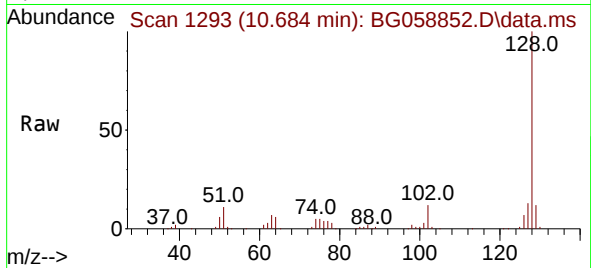




#31
Naphthalene
Concen: 44.297 ng
RT: 10.684 min Scan# 1171
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

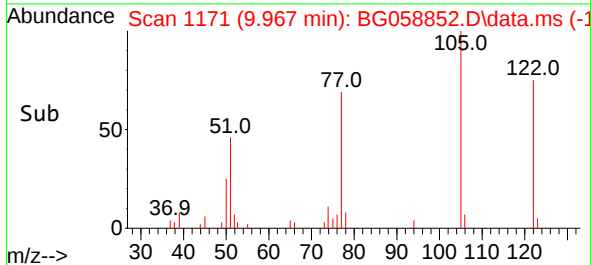
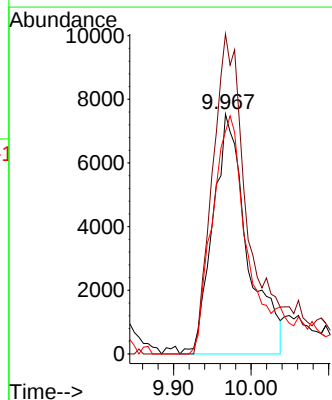
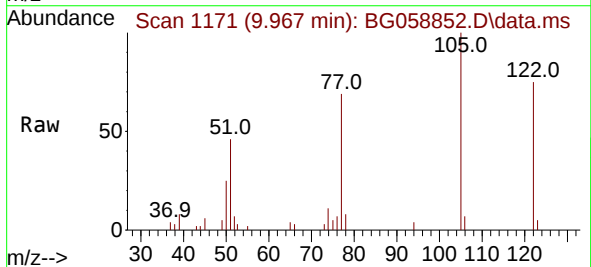
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

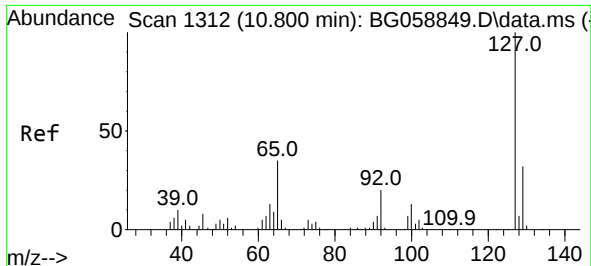
Tgt Ion:128 Resp: 159690
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 38.921 ng
RT: 9.967 min Scan# 1171
Delta R.T. -0.022 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:122 Resp: 23255
Ion Ratio Lower Upper
122 100
105 133.4 113.6 153.6
77 92.7 79.7 119.7

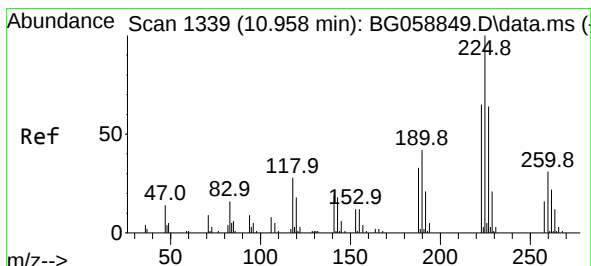
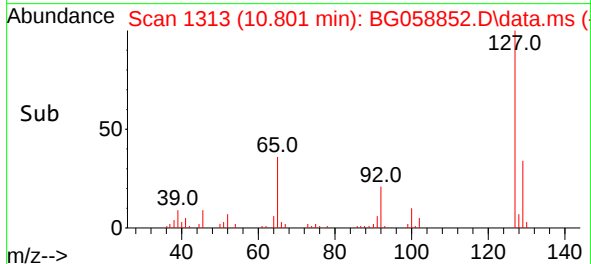
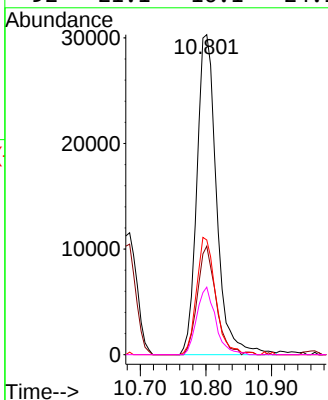
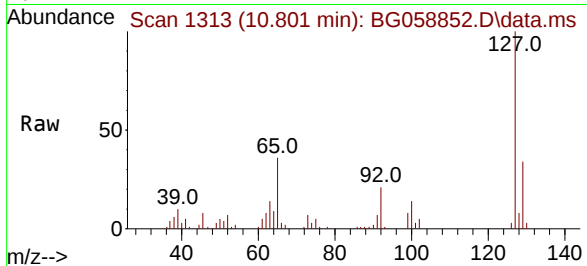




#33
4-Chloroaniline
Concen: 41.746 ng
RT: 10.801 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

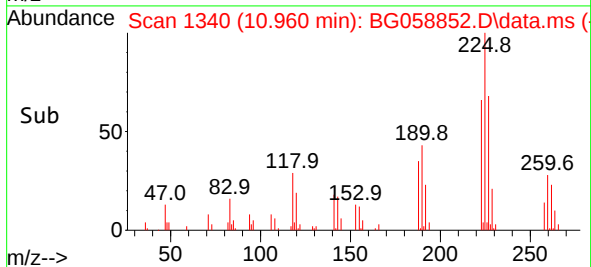
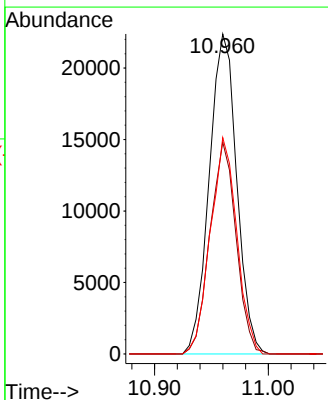
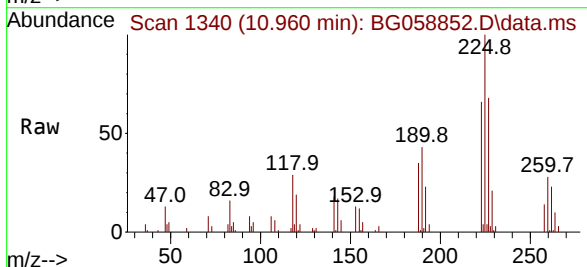
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

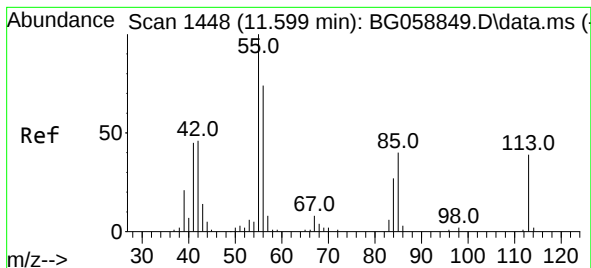
Tgt Ion:	127	Resp:	63470
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.2	37.8
65	35.9	30.5	45.7
92	21.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.534 ng
RT: 10.960 min Scan# 1340
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:	225	Resp:	37549
Ion	Ratio	Lower	Upper
225	100		
223	66.2	49.9	74.9
227	67.6	51.6	77.4





#35

Caprolactam

Concen: 25.834 ng

RT: 11.577 min Scan# 1445

Delta R.T. -0.022 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

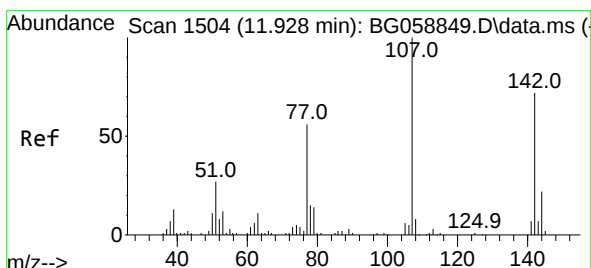
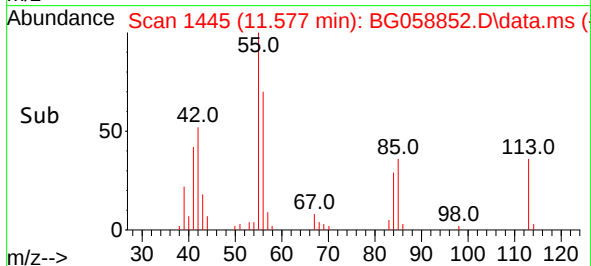
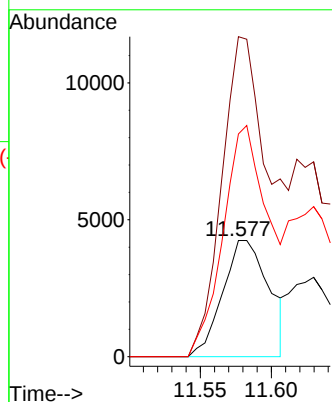
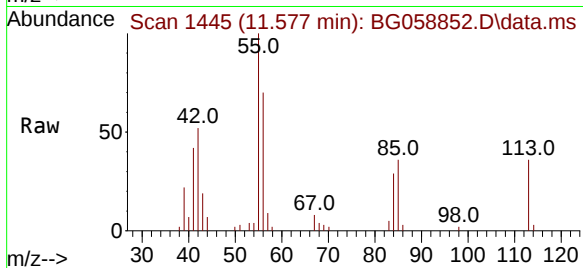
Tgt Ion:113 Resp: 9577

Ion Ratio Lower Upper

113 100

55 275.5 256.3 296.3

56 191.8 180.4 220.4



#36

4-Chloro-3-methylphenol

Concen: 52.781 ng

RT: 11.929 min Scan# 1505

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

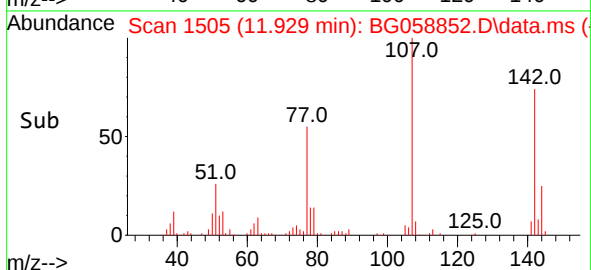
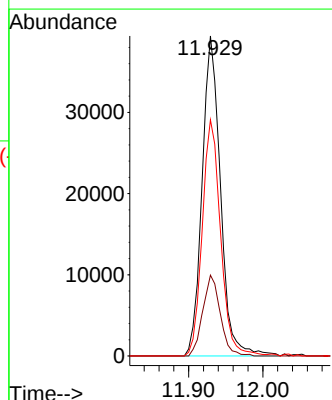
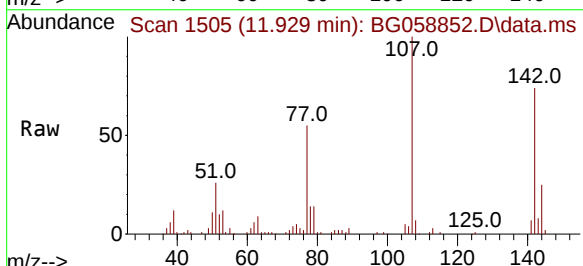
Tgt Ion:107 Resp: 67904

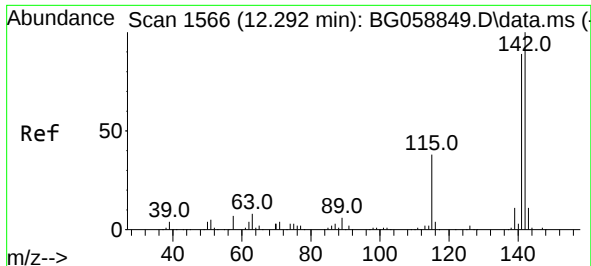
Ion Ratio Lower Upper

107 100

144 25.2 17.9 26.9

142 73.8 58.5 87.7

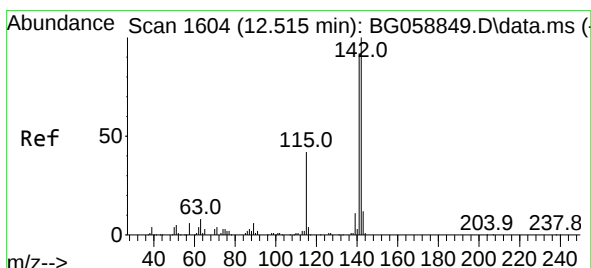
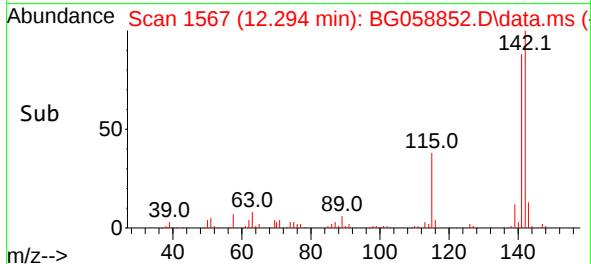
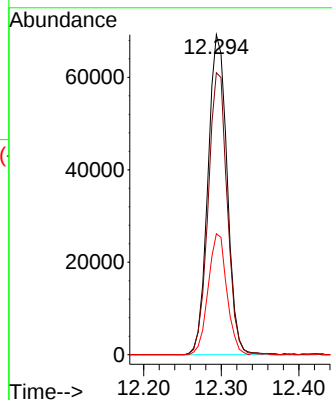
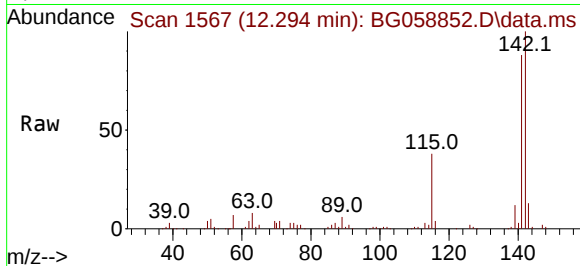




#37
2-Methylnaphthalene
Concen: 45.839 ng
RT: 12.294 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

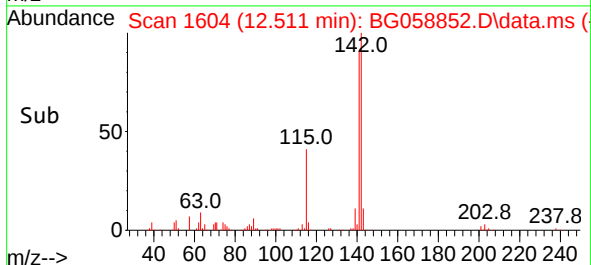
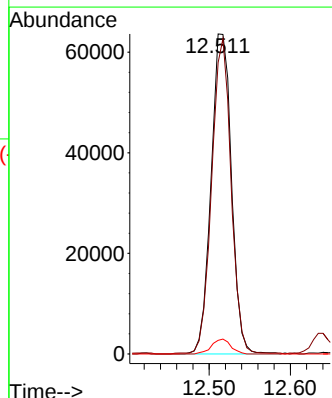
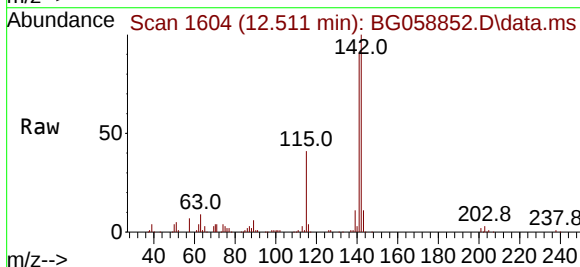
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

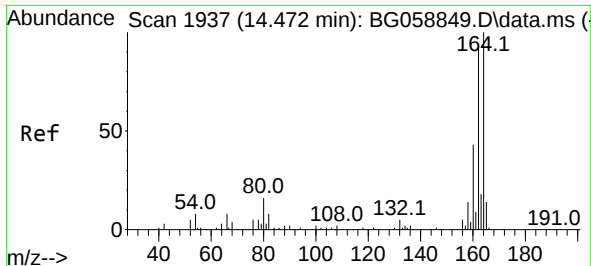
Tgt Ion:142 Resp: 118687
Ion Ratio Lower Upper
142 100
141 88.1 71.8 107.8
115 37.8 30.6 45.8



#38
1-Methylnaphthalene
Concen: 45.032 ng
RT: 12.511 min Scan# 1604
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:142 Resp: 110681
Ion Ratio Lower Upper
142 100
141 91.1 73.9 110.9
116 4.2 3.2 4.8

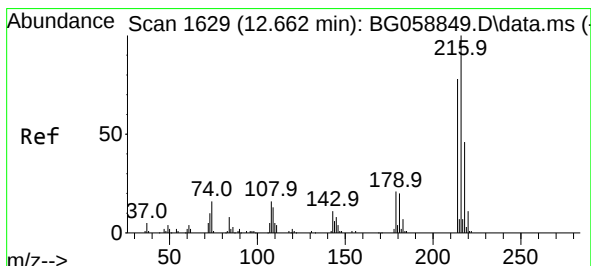
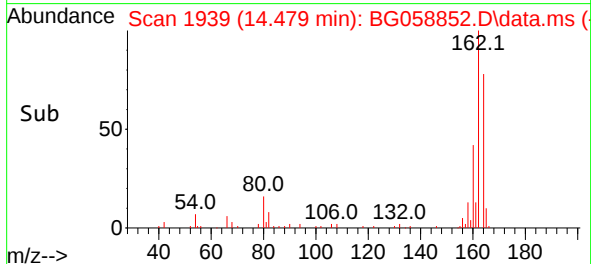
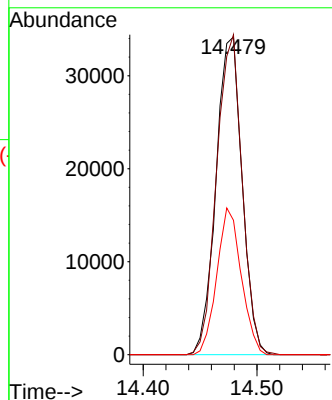
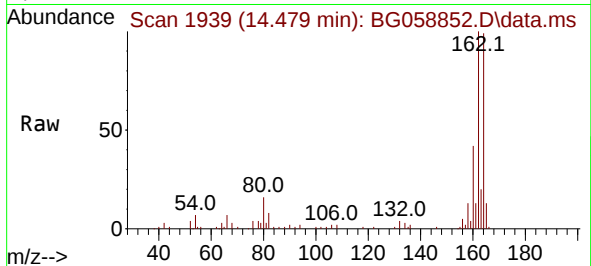




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.479 min Scan# 1937
Delta R.T. 0.007 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

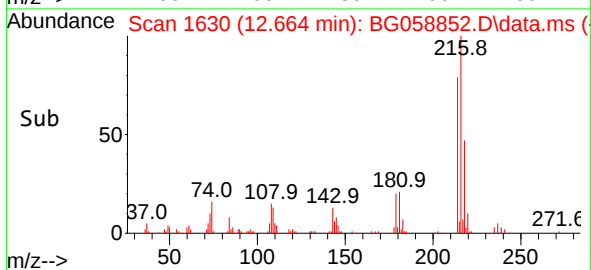
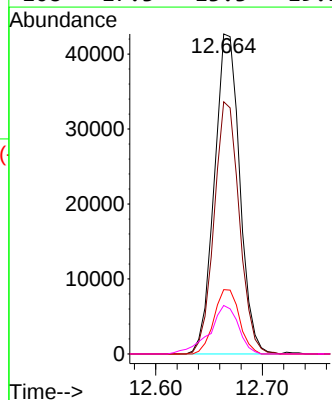
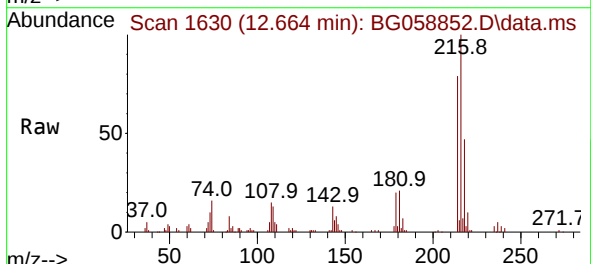
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

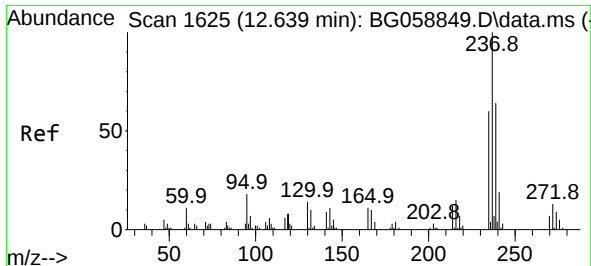
Tgt Ion:164 Resp: 54466
Ion Ratio Lower Upper
164 100
162 100.7 79.6 119.4
160 42.3 34.0 51.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.902 ng
RT: 12.664 min Scan# 1630
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

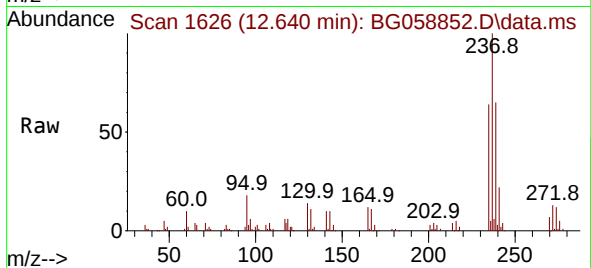
Tgt Ion:216 Resp: 70358
Ion Ratio Lower Upper
216 100
214 78.3 64.0 96.0
179 20.1 16.2 24.4
108 17.3 13.3 19.9



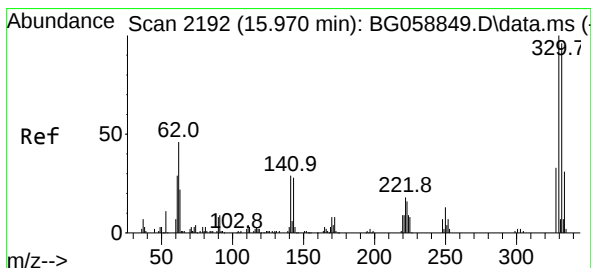
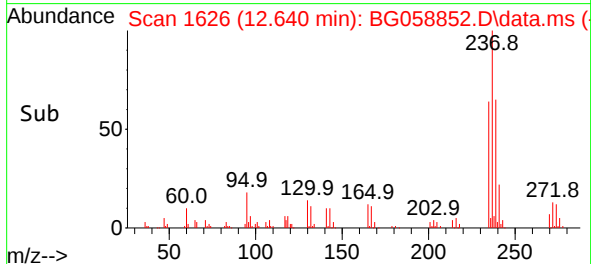
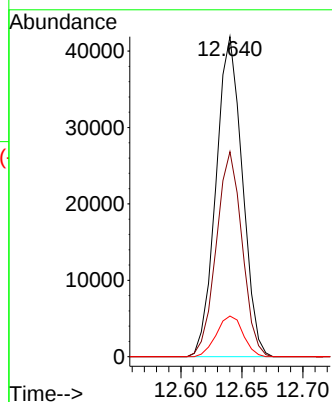


#41
Hexachlorocyclopentadiene
Concen: 93.639 ng
RT: 12.640 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Instrument :
BNA_G
ClientSampleId :
PB155022BSD

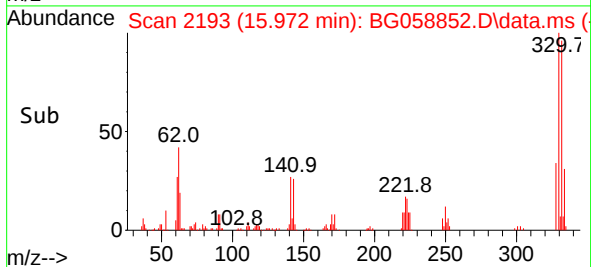
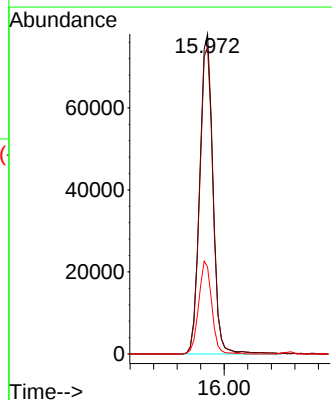
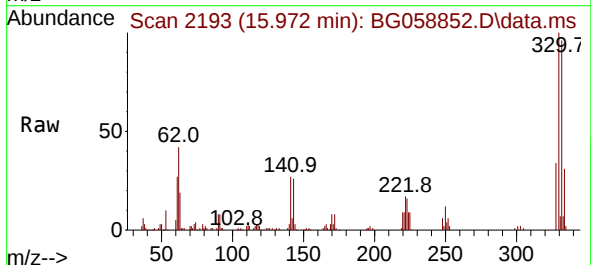


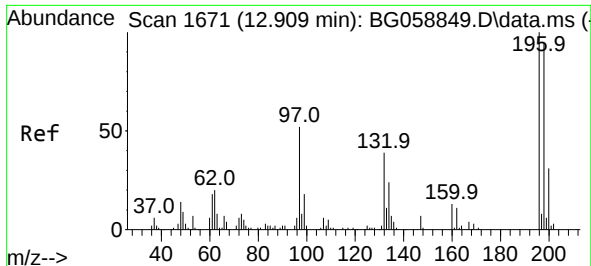
Tgt Ion:237 Resp: 62967
Ion Ratio Lower Upper
237 100
235 64.0 41.5 81.5
272 12.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 142.679 ng
RT: 15.972 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:330 Resp: 121850
Ion Ratio Lower Upper
330 100
332 95.6 78.5 117.7
141 28.4 23.0 34.6

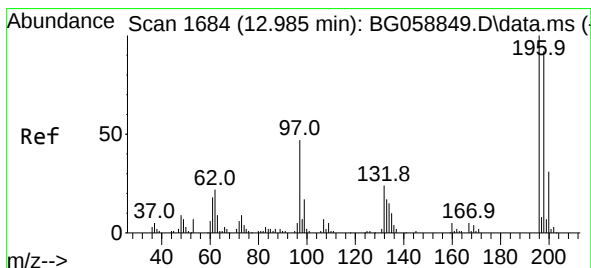
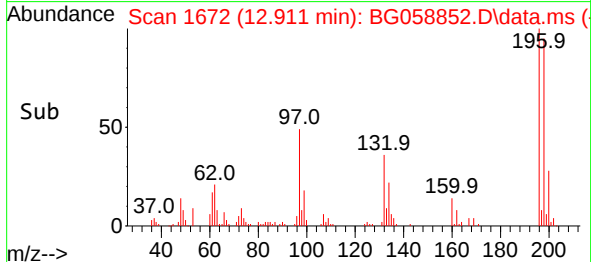
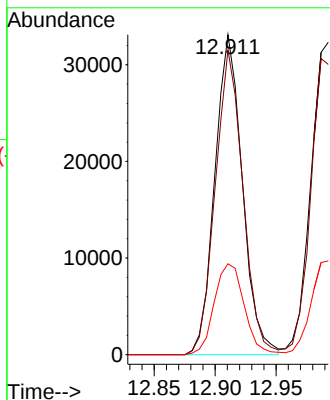
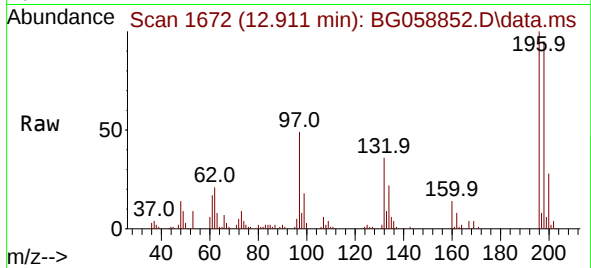




#43
2,4,6-Trichlorophenol
Concen: 48.768 ng
RT: 12.911 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

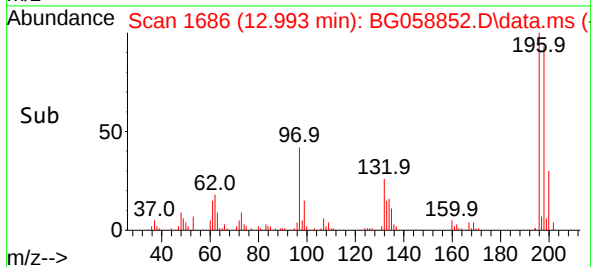
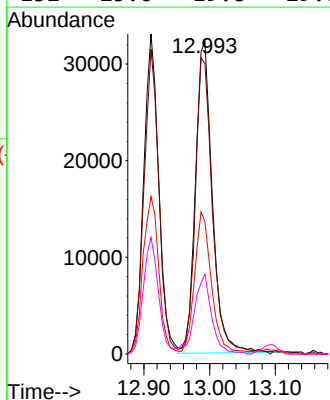
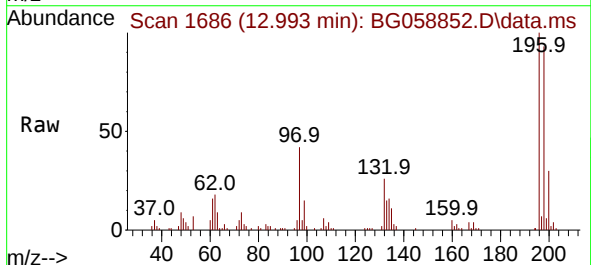
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

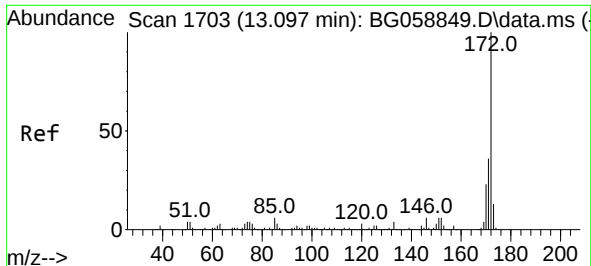
Tgt Ion:196 Resp: 52105
Ion Ratio Lower Upper
196 100
198 95.2 77.0 115.4
200 28.4 23.8 35.6



#44
2,4,5-Trichlorophenol
Concen: 45.302 ng
RT: 12.993 min Scan# 1686
Delta R.T. 0.007 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:196 Resp: 57961
Ion Ratio Lower Upper
196 100
198 92.9 78.0 117.0
97 42.3 38.7 58.1
132 25.6 19.8 29.6





#45

2-Fluorobiphenyl

Concen: 81.905 ng

RT: 13.099 min Scan# 1703

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

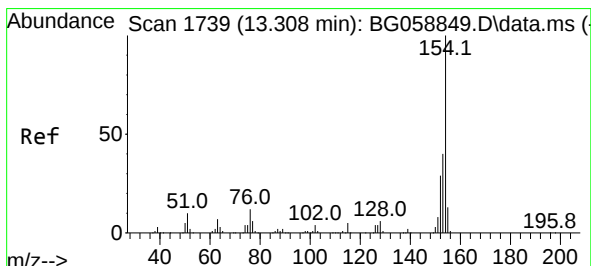
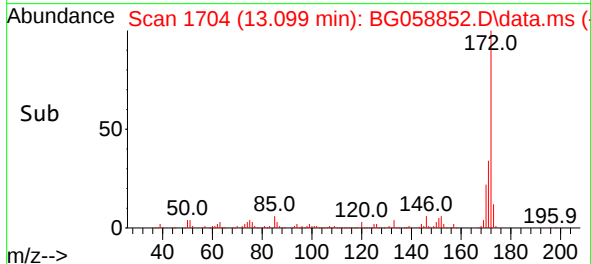
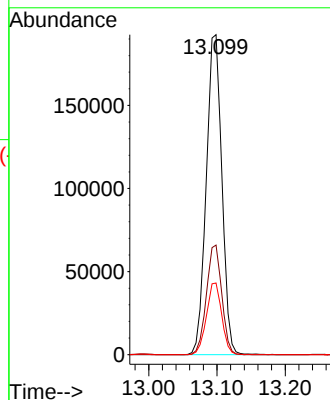
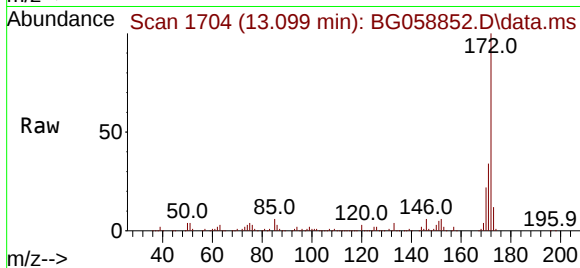
Tgt Ion:172 Resp: 306716

Ion Ratio Lower Upper

172 100

171 34.2 28.1 42.1

170 22.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 42.654 ng

RT: 13.310 min Scan# 1740

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

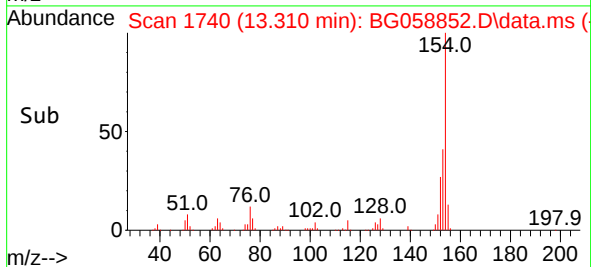
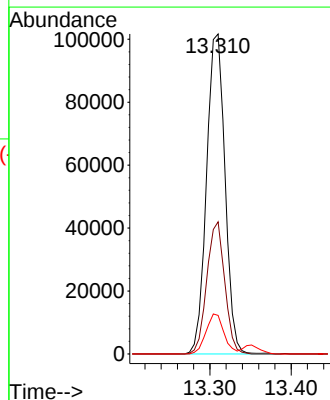
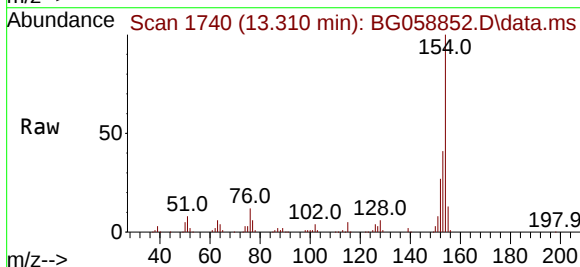
Tgt Ion:154 Resp: 160040

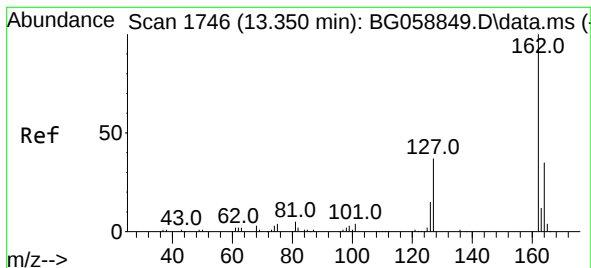
Ion Ratio Lower Upper

154 100

153 41.3 21.7 61.7

76 12.0 0.0 33.2

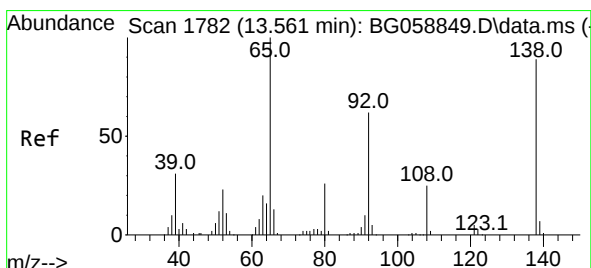
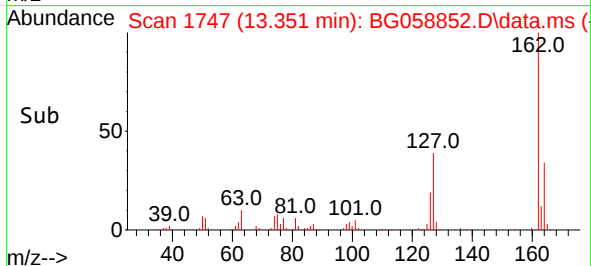
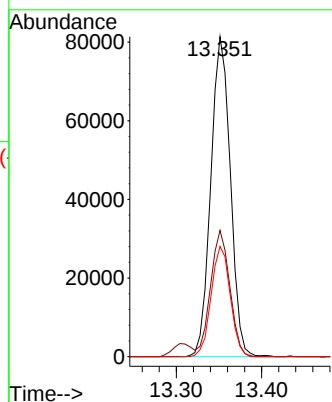
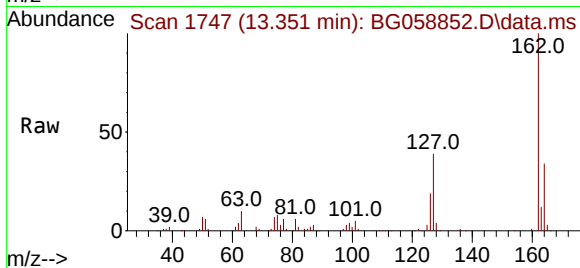




#47
2-Chloronaphthalene
Concen: 44.318 ng
RT: 13.351 min Scan# 1746
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

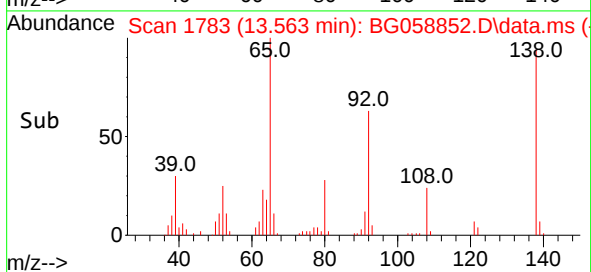
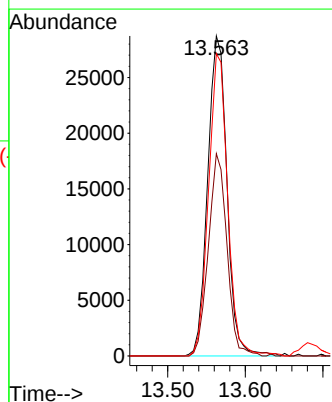
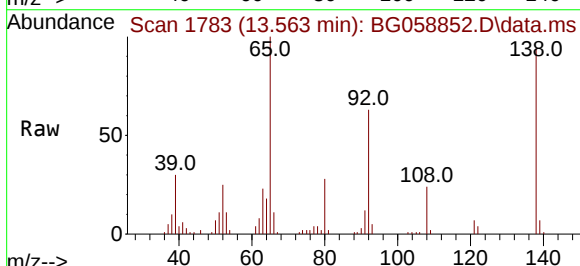
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

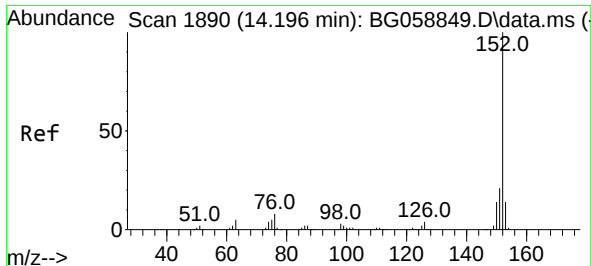
Tgt Ion:162 Resp: 129583
Ion Ratio Lower Upper
162 100
127 39.4 31.5 47.3
164 34.5 27.3 40.9



#48
2-Nitroaniline
Concen: 44.681 ng
RT: 13.563 min Scan# 1783
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion: 65 Resp: 49619
Ion Ratio Lower Upper
65 100
92 63.2 50.7 76.1
138 94.4 70.7 106.1

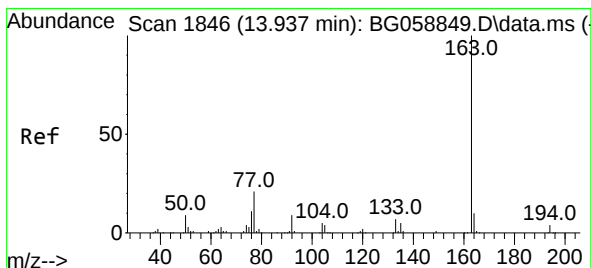
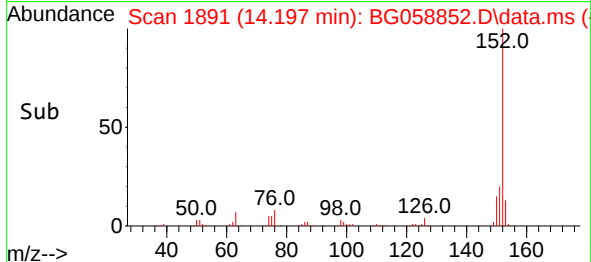
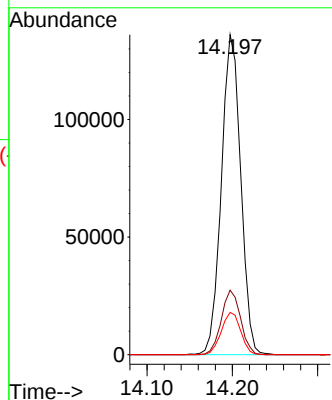
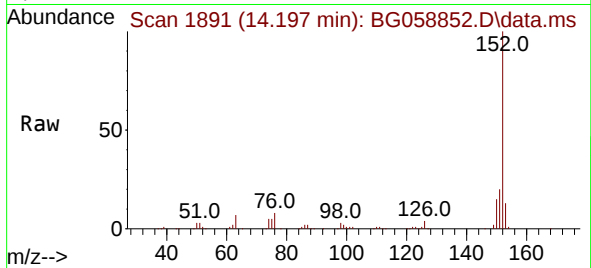




#49
Acenaphthylene
Concen: 44.231 ng
RT: 14.197 min Scan# 1891
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

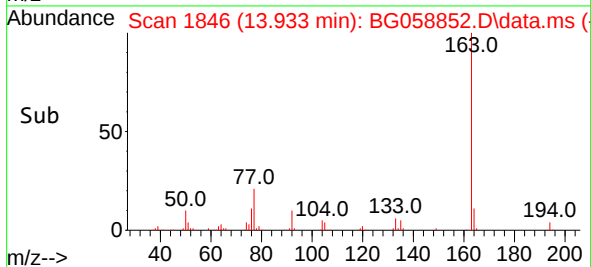
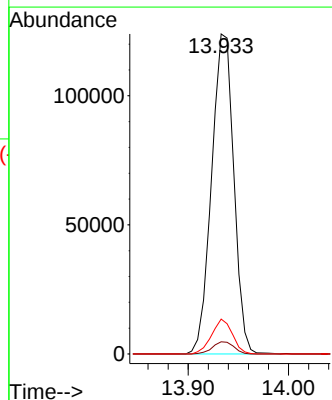
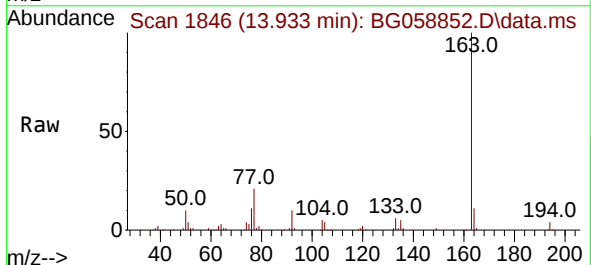
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

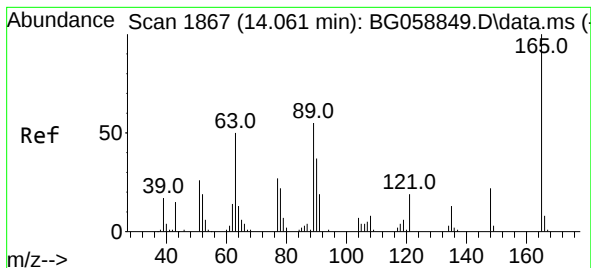
Tgt Ion:152 Resp: 214476
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.2 10.7 16.1



#50
Dimethylphthalate
Concen: 45.303 ng
RT: 13.933 min Scan# 1846
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:163 Resp: 191052
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.9 8.3 12.5

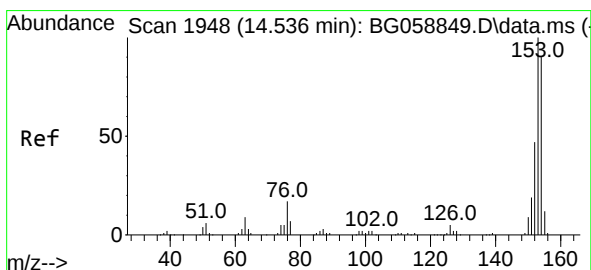
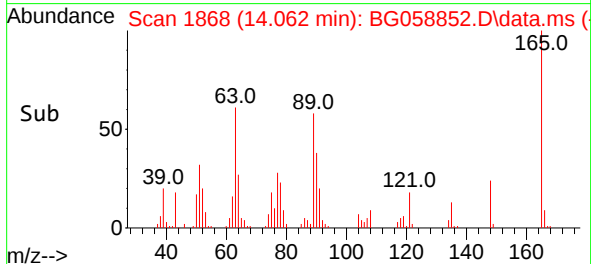
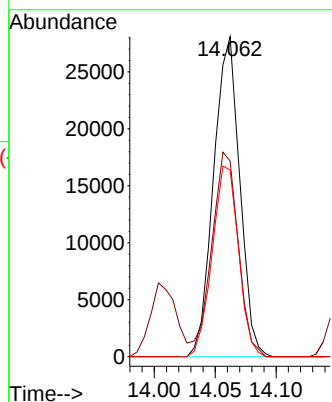
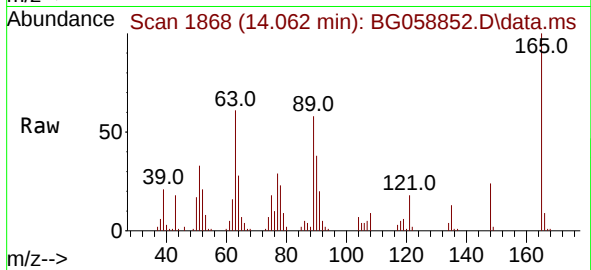




#51
2,6-Dinitrotoluene
Concen: 47.294 ng
RT: 14.062 min Scan# 1867
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

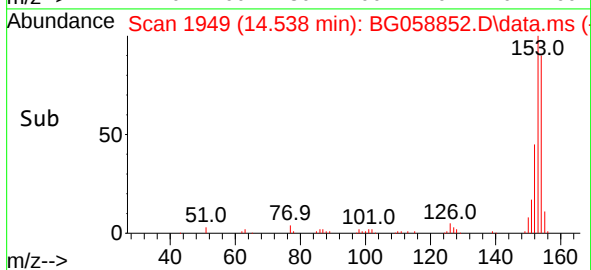
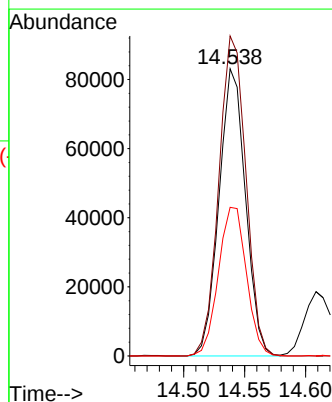
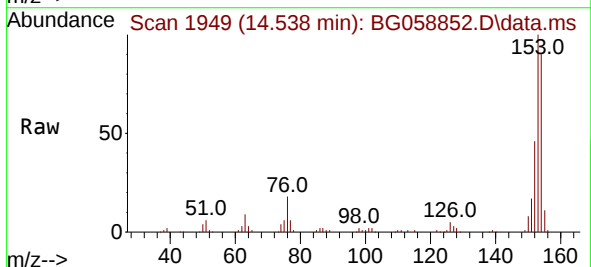
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

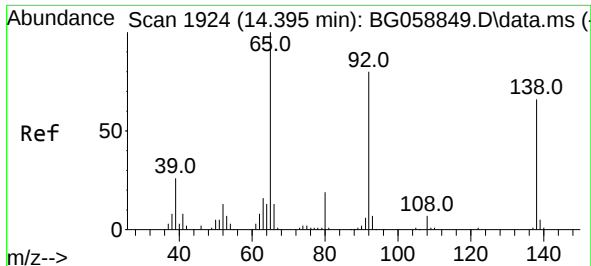
Tgt Ion:165 Resp: 41901
Ion Ratio Lower Upper
165 100
63 61.2 47.2 70.8
89 58.3 45.0 67.4



#52
Acenaphthene
Concen: 44.335 ng
RT: 14.538 min Scan# 1949
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:154 Resp: 125629
Ion Ratio Lower Upper
154 100
153 111.4 92.7 139.1
152 51.7 44.2 66.2

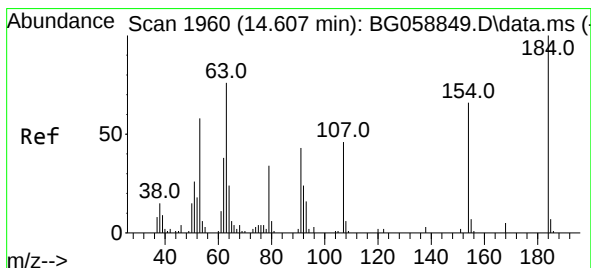
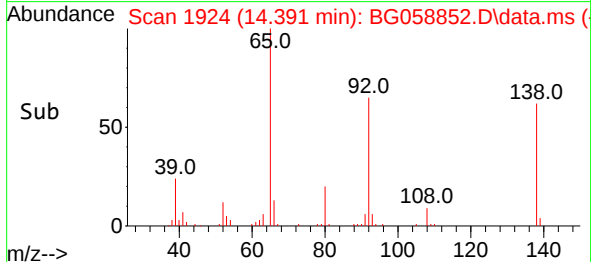
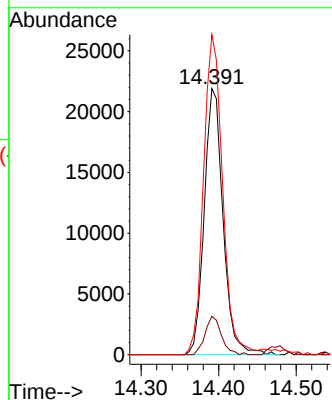
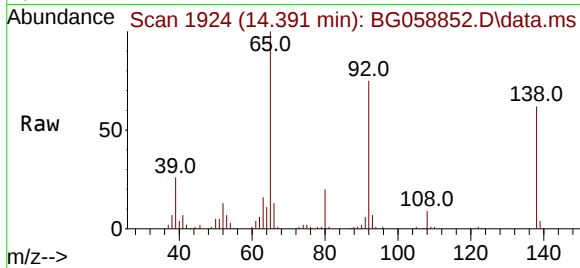




#53
3-Nitroaniline
Concen: 43.158 ng
RT: 14.391 min Scan# 1924
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

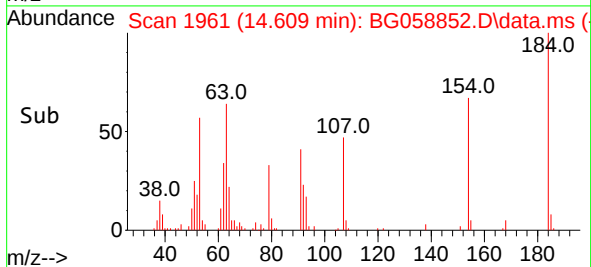
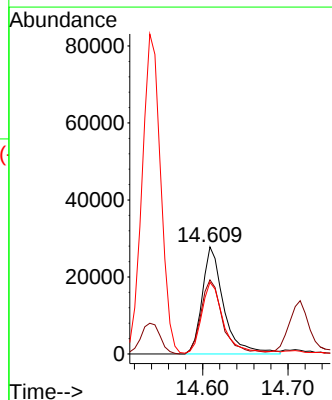
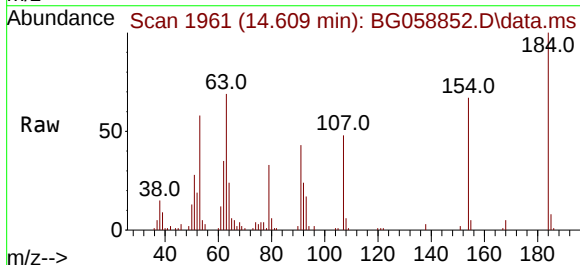
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

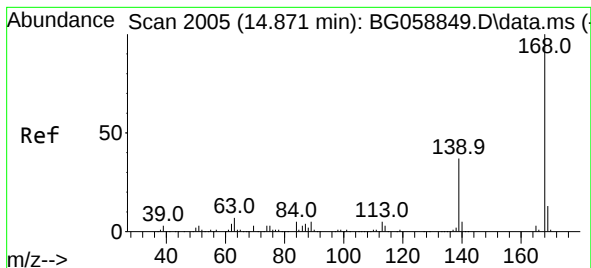
Tgt Ion:138 Resp: 36879
Ion Ratio Lower Upper
138 100
108 14.4 11.8 17.8
92 120.2 102.5 153.7



#54
2,4-Dinitrophenol
Concen: 97.009 ng
RT: 14.609 min Scan# 1961
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:184 Resp: 48830
Ion Ratio Lower Upper
184 100
63 69.2 57.7 86.5
154 66.9 51.8 77.6





#55

Dibenzofuran

Concen: 44.423 ng

RT: 14.873 min Scan# 20

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

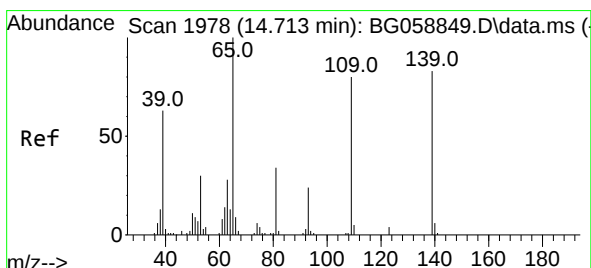
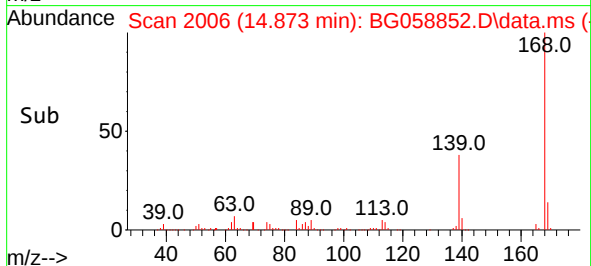
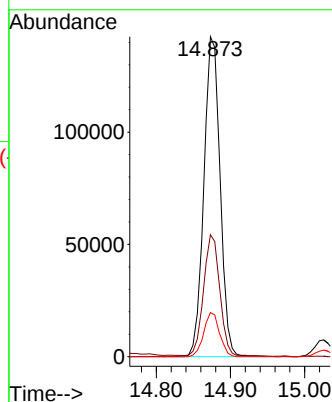
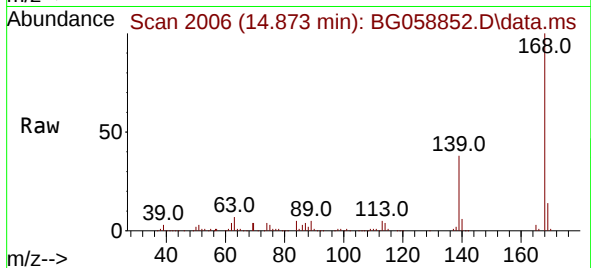
Tgt Ion:168 Resp: 217138

Ion Ratio Lower Upper

168 100

139 38.1 30.4 45.6

169 13.8 10.7 16.1



#56

4-Nitrophenol

Concen: 100.069 ng

RT: 14.714 min Scan# 1979

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

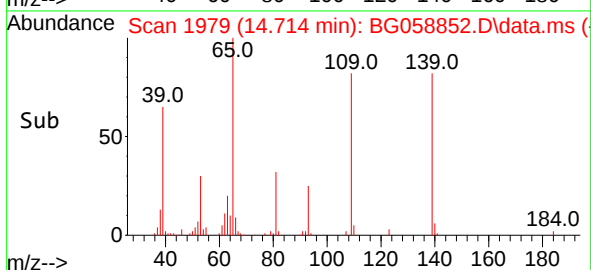
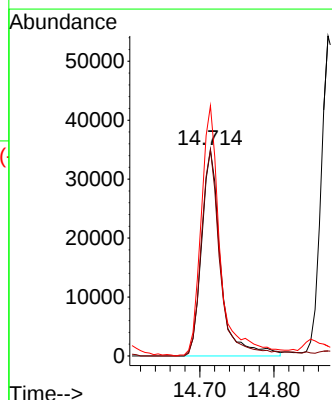
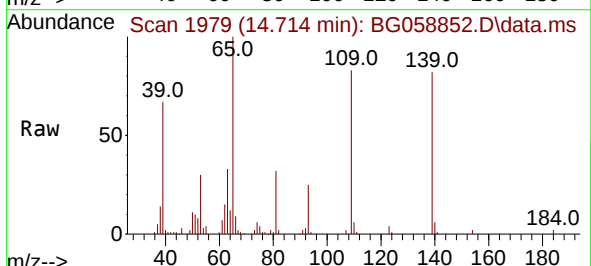
Tgt Ion:139 Resp: 62593

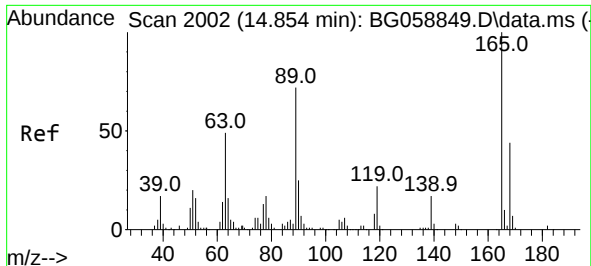
Ion Ratio Lower Upper

139 100

109 100.3 71.9 111.9

65 121.5 100.7 140.7

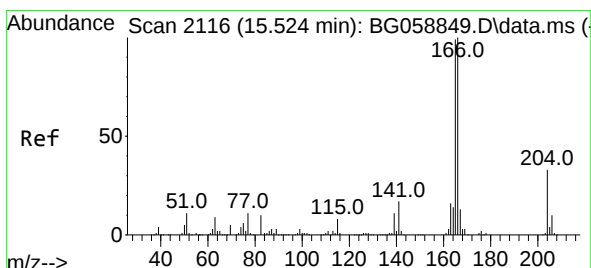
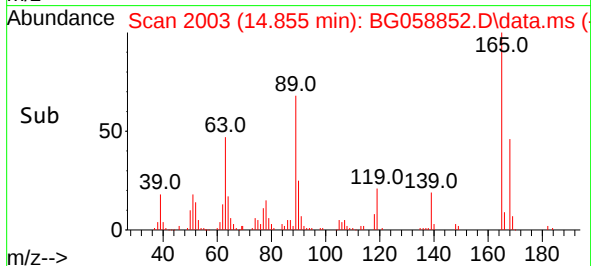
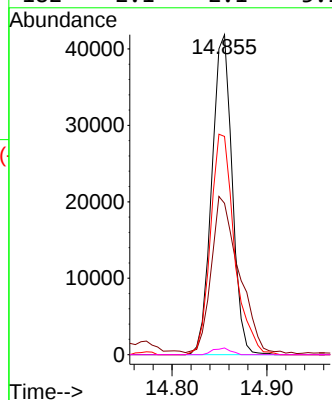
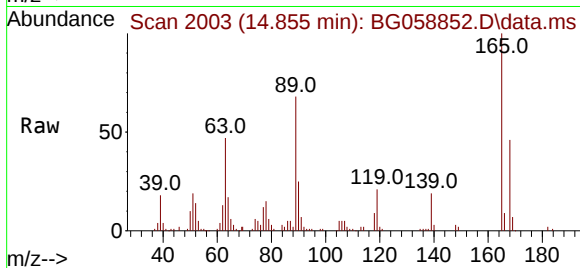




#57
2,4-Dinitrotoluene
Concen: 50.420 ng
RT: 14.855 min Scan# 2003
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

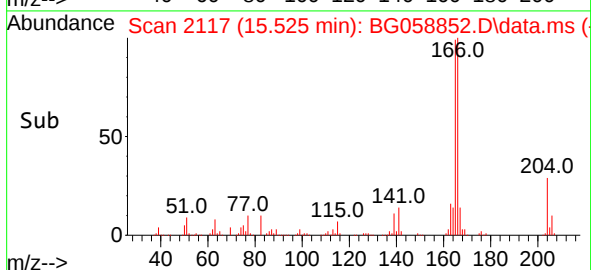
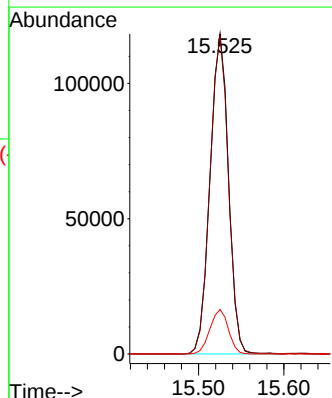
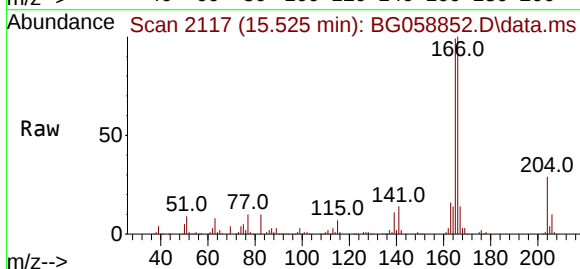
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

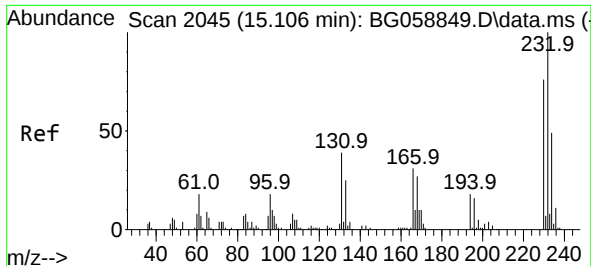
Tgt Ion:	165	Resp:	62306
Ion Ratio	Lower	Upper	
165	100		
63	47.3	41.8	62.6
89	68.2	60.7	91.1
182	2.1	2.1	3.1



#58
Fluorene
Concen: 45.656 ng
RT: 15.525 min Scan# 2117
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:	166	Resp:	177600
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.9	119.9
167	13.9	10.7	16.1

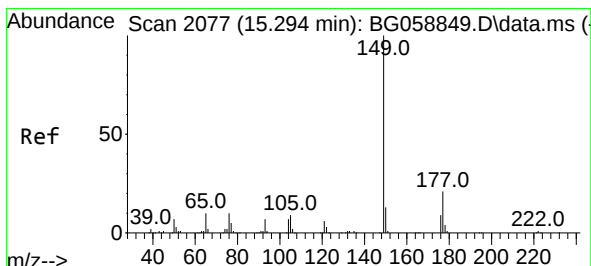
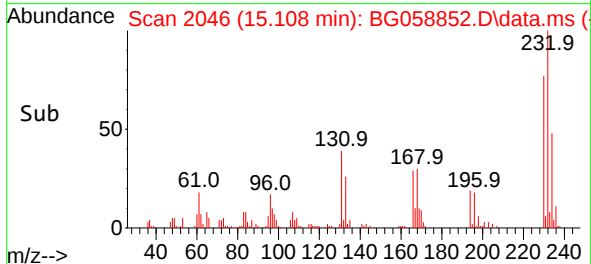
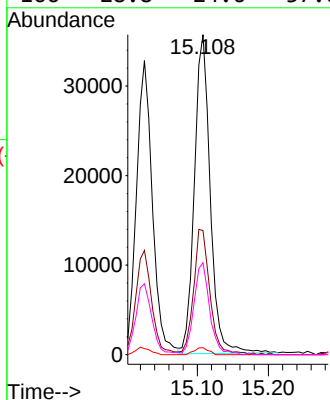
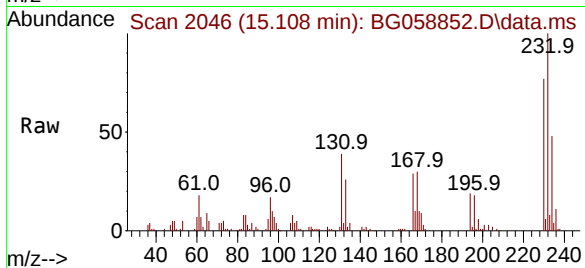




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.006 ng
RT: 15.108 min Scan# 2046
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

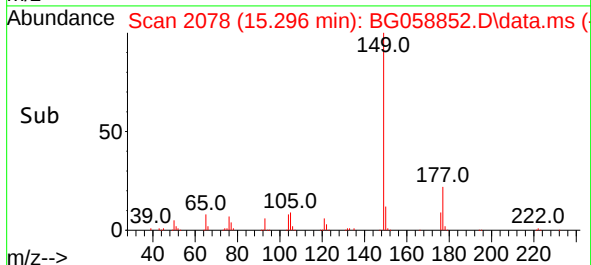
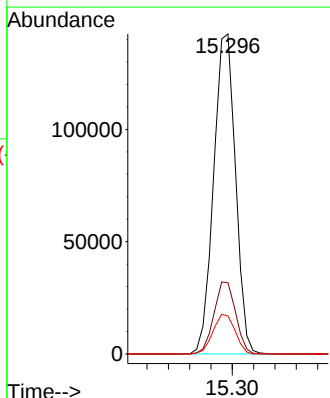
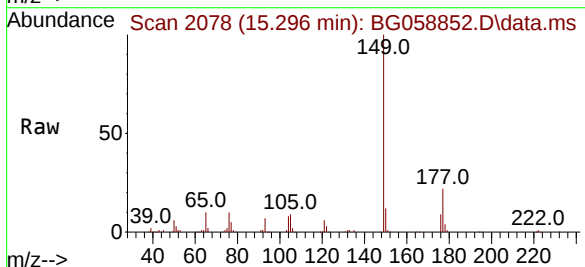
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

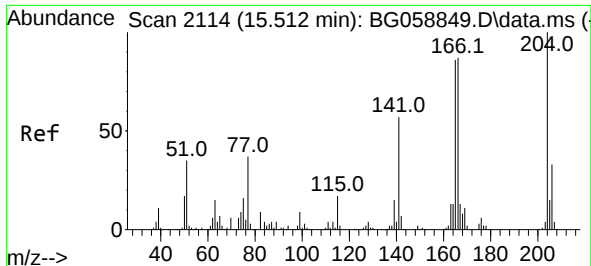
Tgt Ion:232 Resp: 55341
Ion Ratio Lower Upper
232 100
131 40.3 33.9 50.9
130 2.0 1.8 2.6
166 28.8 24.6 37.0



#60
Diethylphthalate
Concen: 46.689 ng
RT: 15.296 min Scan# 2078
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:149 Resp: 203004
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 11.9 10.0 15.0

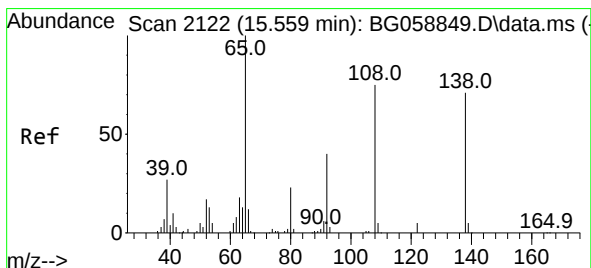
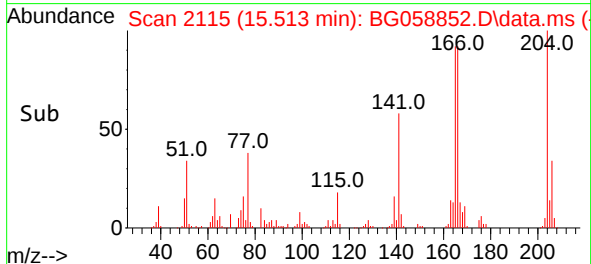
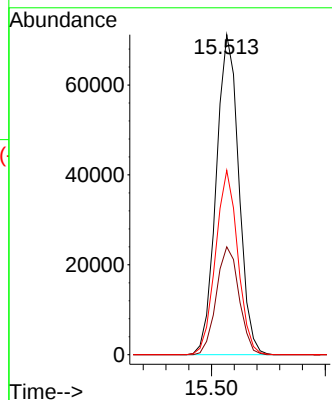
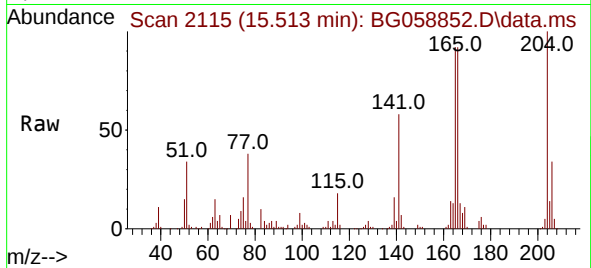




#61
4-Chlorophenyl-phenylether
Concen: 45.470 ng
RT: 15.513 min Scan# 2115
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

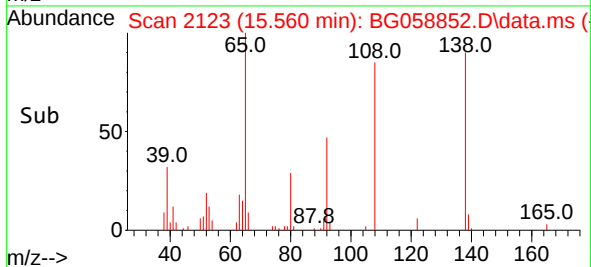
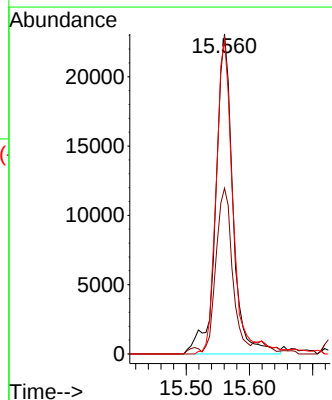
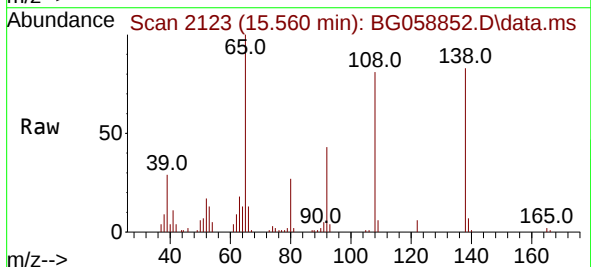
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

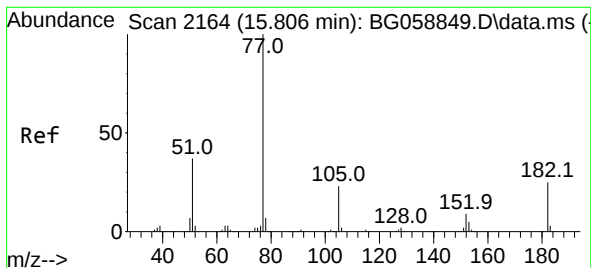
Tgt Ion:204 Resp: 98038
Ion Ratio Lower Upper
204 100
206 33.7 25.6 38.4
141 57.6 42.3 63.5



#62
4-Nitroaniline
Concen: 50.090 ng
RT: 15.560 min Scan# 2123
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:138 Resp: 43437
Ion Ratio Lower Upper
138 100
92 51.8 36.4 76.4
108 98.4 72.2 112.2





#63

Azobenzene

Concen: 44.450 ng

RT: 15.807 min Scan# 2164

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

Tgt Ion: 77 Resp: 177466

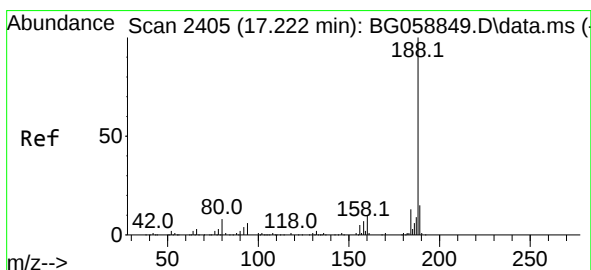
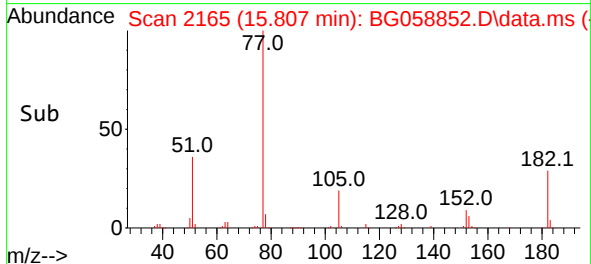
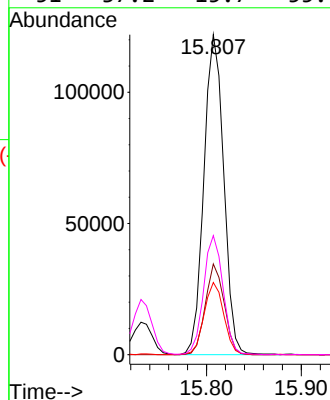
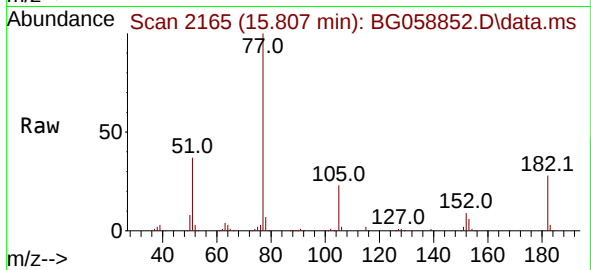
Ion Ratio Lower Upper

77 100

182 28.3 4.9 44.9

105 22.5 2.8 42.8

51 37.2 15.7 55.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.217 min Scan# 2405

Delta R.T. -0.004 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

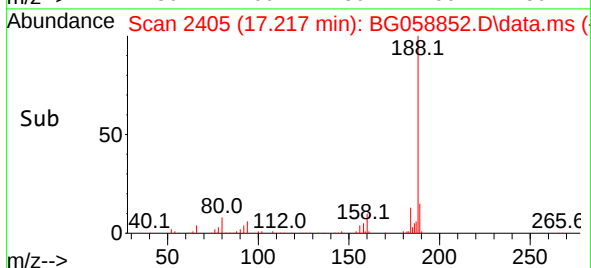
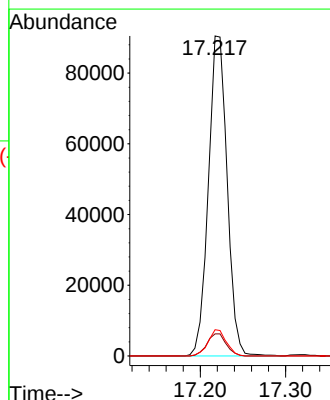
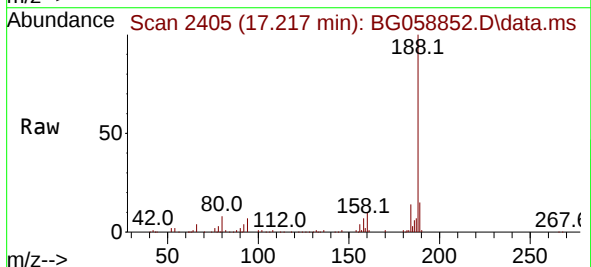
Tgt Ion:188 Resp: 138207

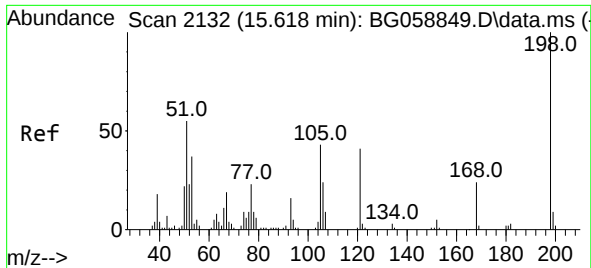
Ion Ratio Lower Upper

188 100

94 6.9 6.1 9.1

80 8.2 6.9 10.3

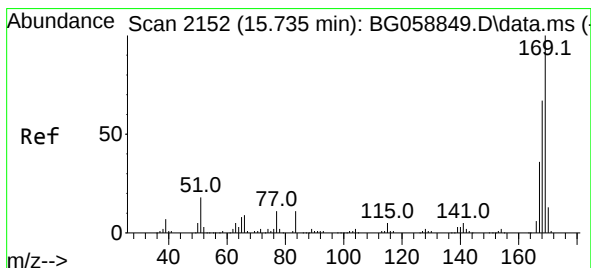
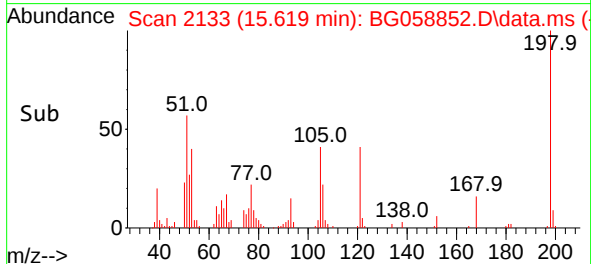
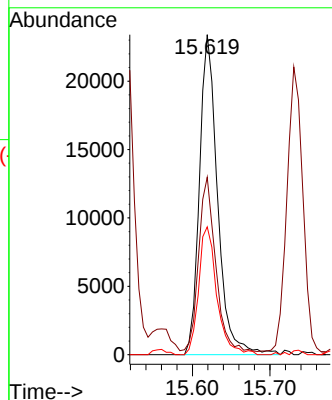
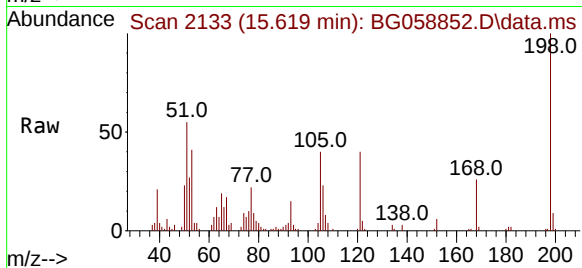




#65
4,6-Dinitro-2-methylphenol
Concen: 48.646 ng
RT: 15.619 min Scan# 2133
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

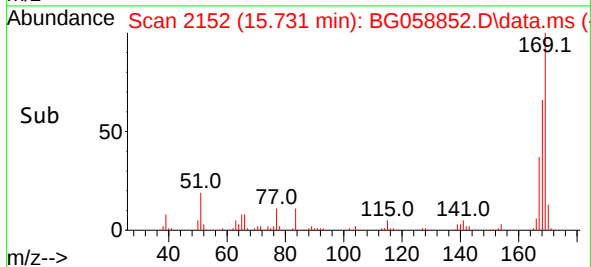
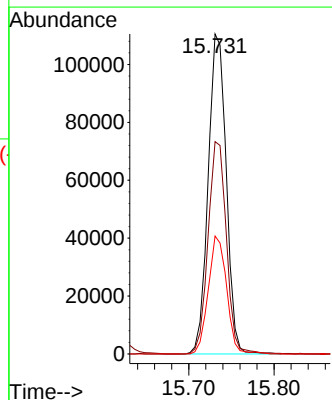
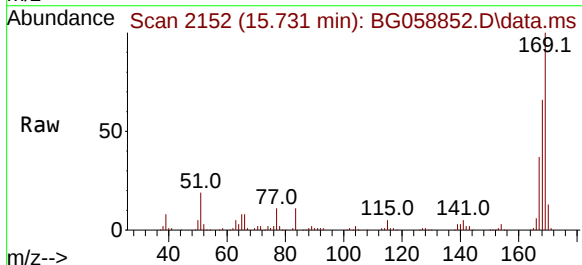
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

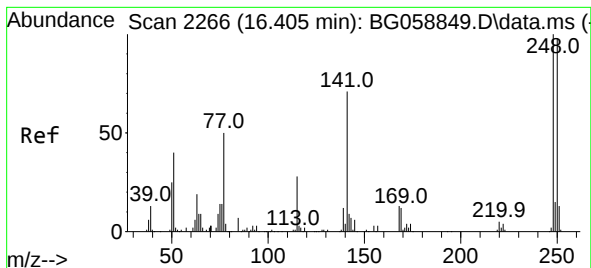
Tgt Ion:198 Resp: 38003
Ion Ratio Lower Upper
198 100
51 55.4 31.3 71.3
105 39.9 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 45.646 ng
RT: 15.731 min Scan# 2152
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:169 Resp: 162597
Ion Ratio Lower Upper
169 100
168 66.4 54.4 81.6
167 36.9 31.4 47.0

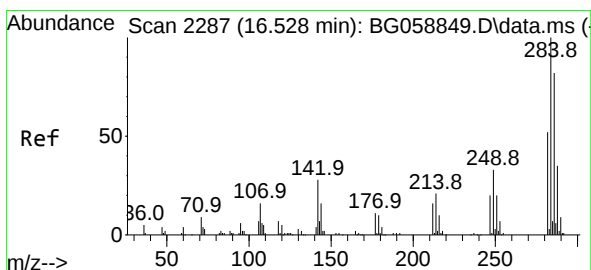
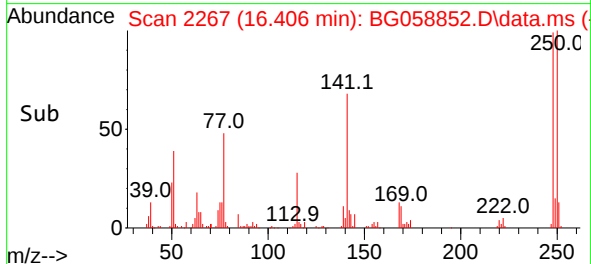
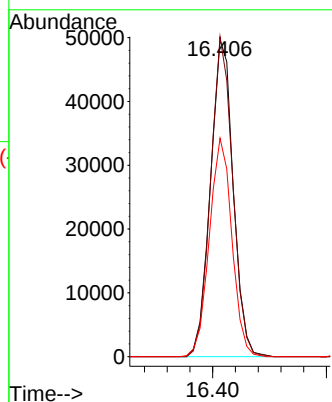
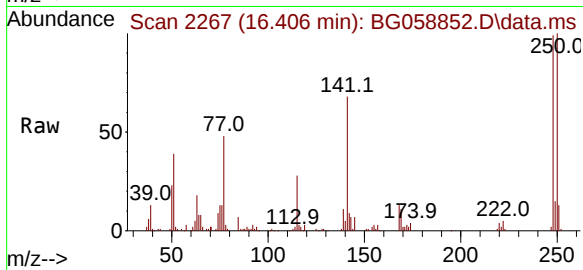




#67
4-Bromophenyl-phenylether
Concen: 45.446 ng
RT: 16.406 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

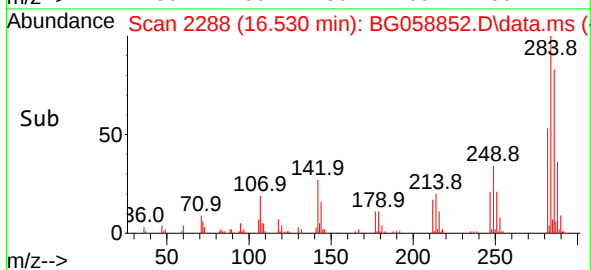
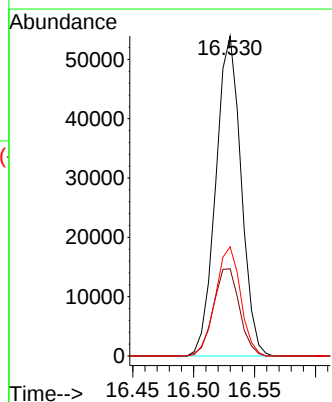
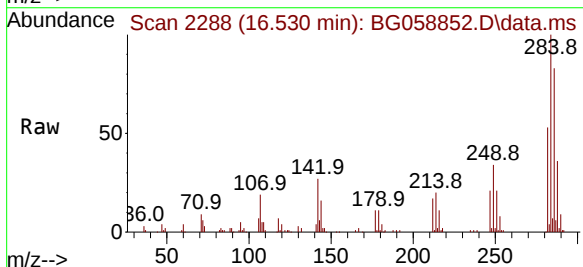
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

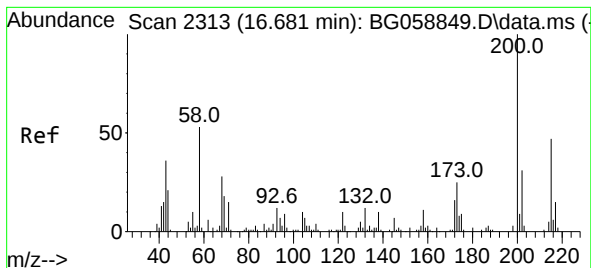
Tgt Ion:248 Resp: 68924
Ion Ratio Lower Upper
248 100
250 100.9 77.7 116.5
141 68.9 53.6 80.4



#68
Hexachlorobenzene
Concen: 47.773 ng
RT: 16.530 min Scan# 2288
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:284 Resp: 77978
Ion Ratio Lower Upper
284 100
142 27.3 22.0 33.0
249 34.1 27.2 40.8





#69

Atrazine

Concen: 56.292 ng

RT: 16.683 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

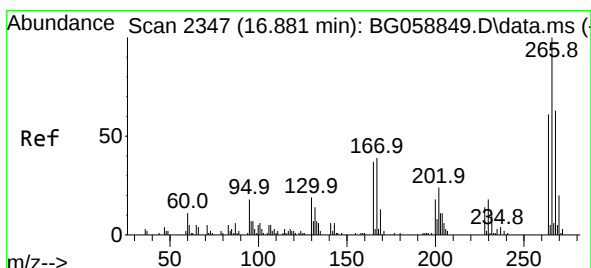
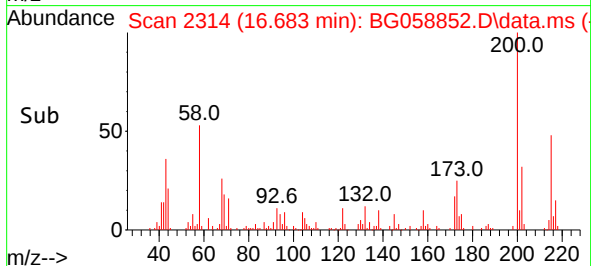
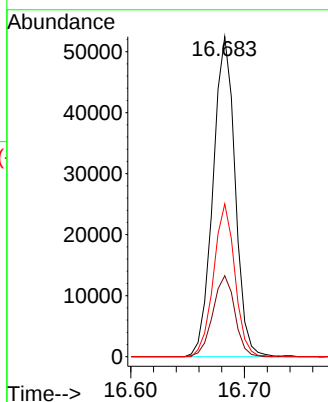
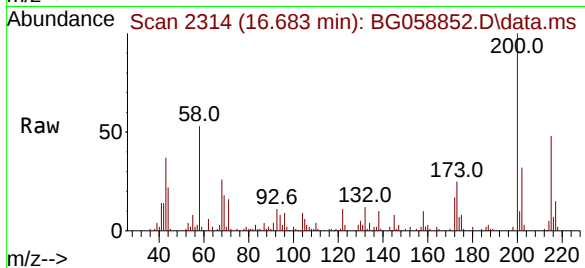
Tgt Ion:200 Resp: 70963

Ion Ratio Lower Upper

200 100

173 25.3 5.3 45.3

215 47.7 29.4 69.4



#70

Pentachlorophenol

Concen: 87.071 ng

RT: 16.876 min Scan# 2347

Delta R.T. -0.004 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

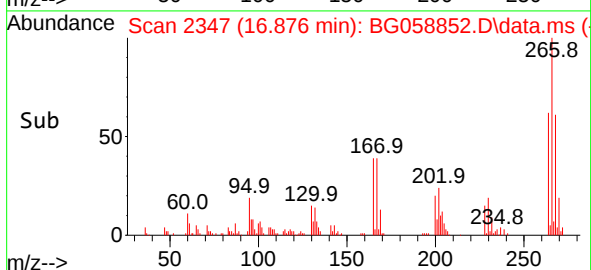
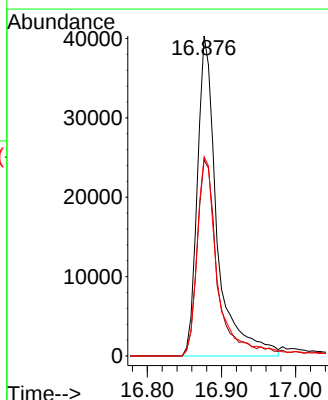
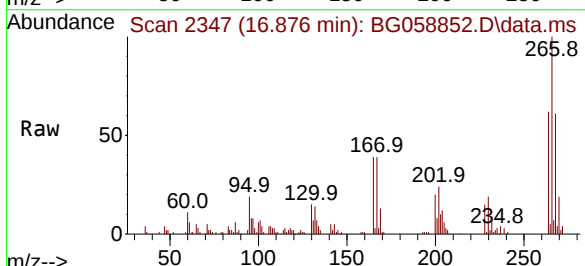
Tgt Ion:266 Resp: 74525

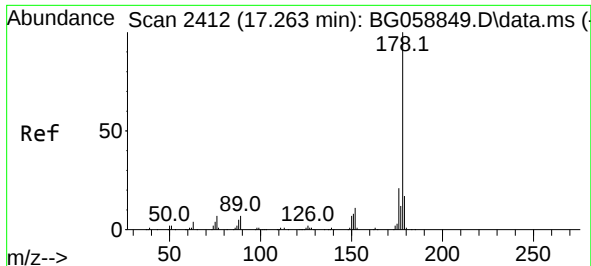
Ion Ratio Lower Upper

266 100

268 61.3 52.7 79.1

264 62.3 49.5 74.3

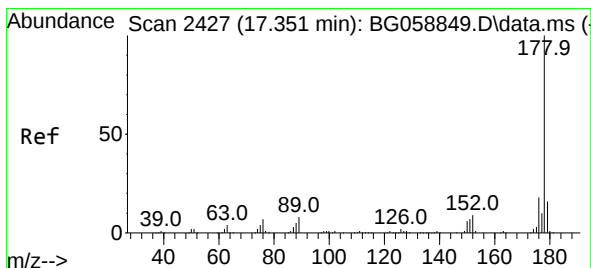
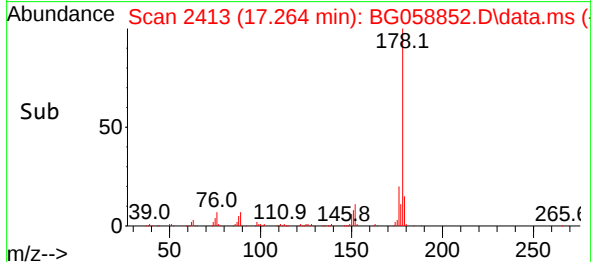
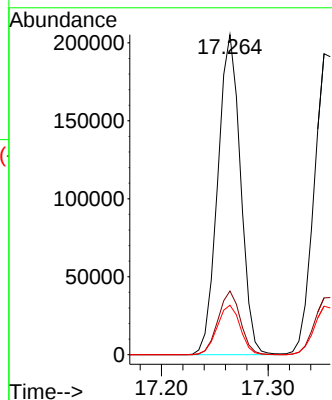
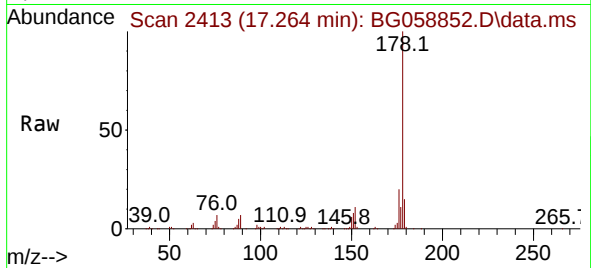




#71
Phenanthrene
Concen: 45.764 ng
RT: 17.264 min Scan# 2412
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

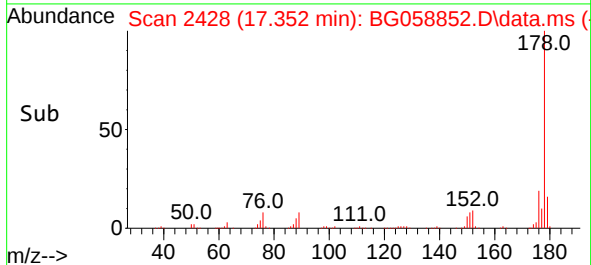
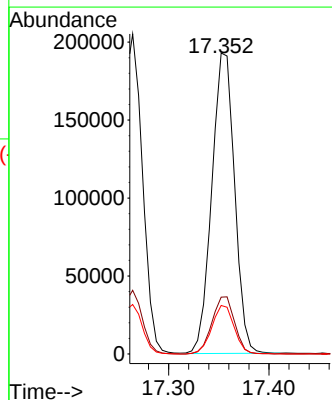
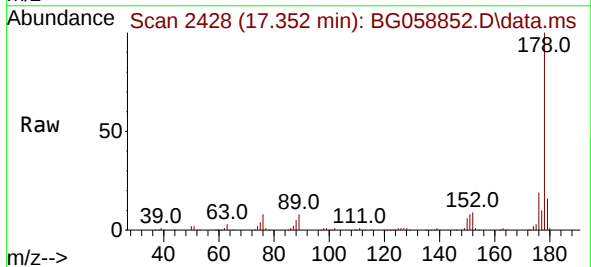
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

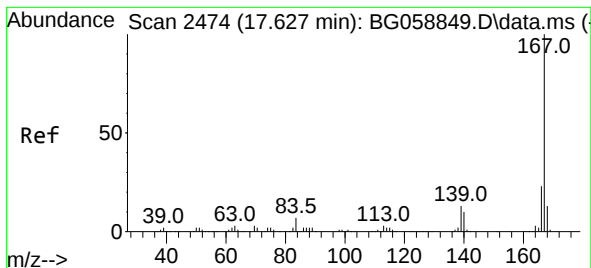
Tgt Ion:178 Resp: 303639
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.4 13.0 19.4



#72
Anthracene
Concen: 45.679 ng
RT: 17.352 min Scan# 2428
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:178 Resp: 303968
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 16.1 12.9 19.3





#73

Carbazole

Concen: 46.426 ng

RT: 17.629 min Scan# 24

Delta R.T. 0.002 min

Lab File: BG058852.D

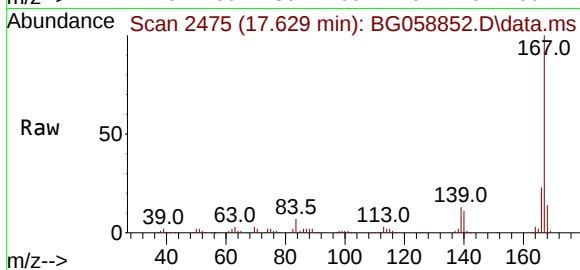
Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD



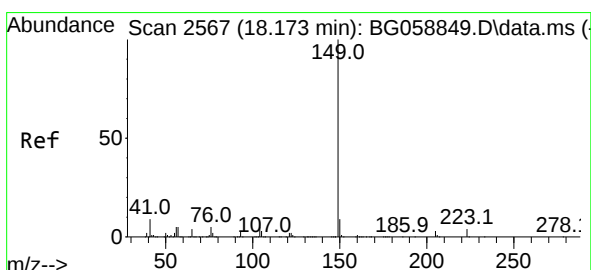
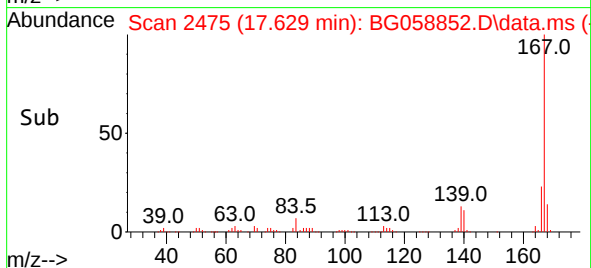
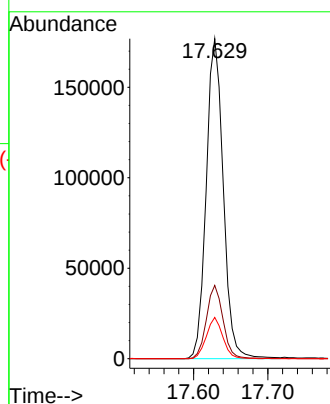
Tgt Ion:167 Resp: 282911

Ion Ratio Lower Upper

167 100

166 22.9 17.4 26.2

139 12.9 9.7 14.5



#74

Di-n-butylphthalate

Concen: 45.416 ng

RT: 18.175 min Scan# 2568

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

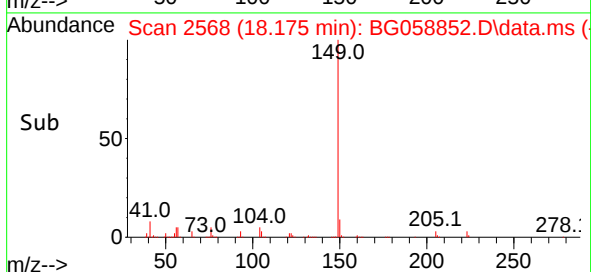
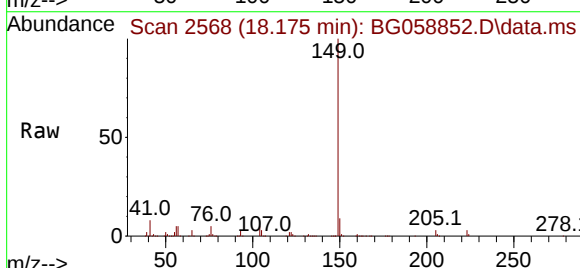
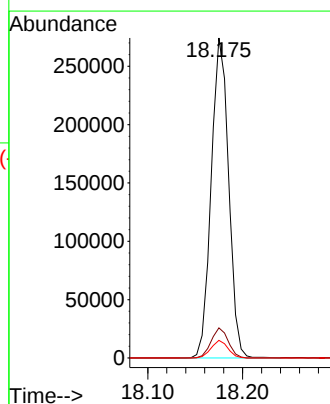
Tgt Ion:149 Resp: 349124

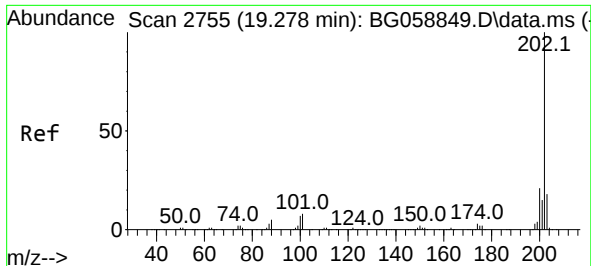
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.5 4.3 6.5

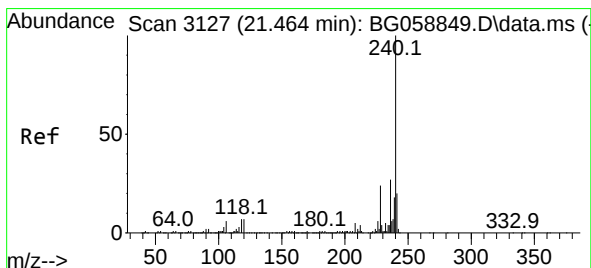
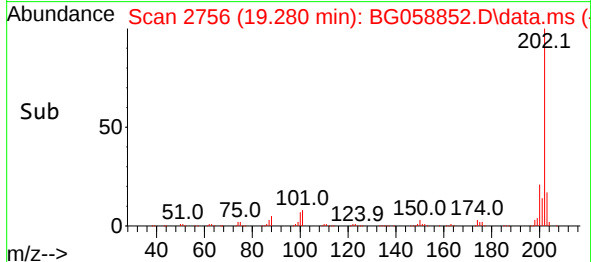
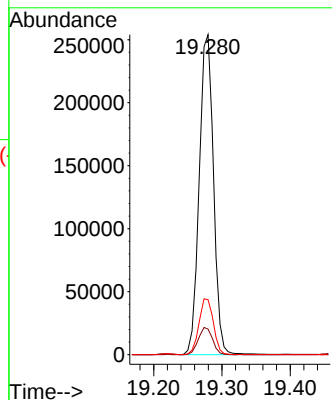
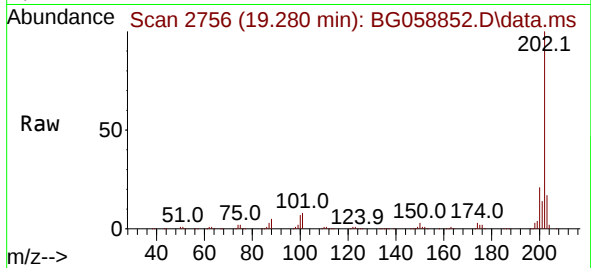




#75
Fluoranthene
Concen: 44.962 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

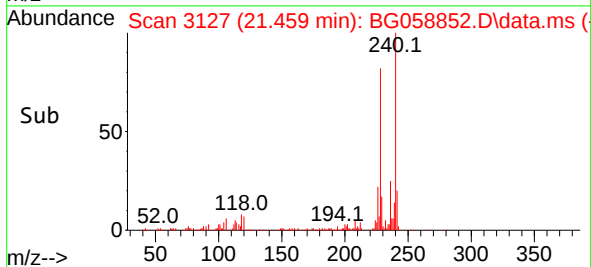
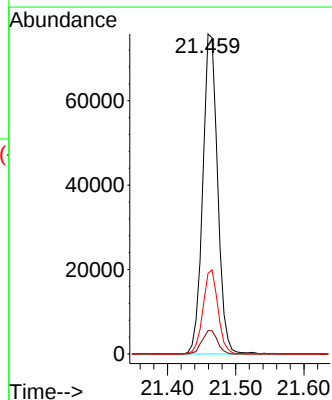
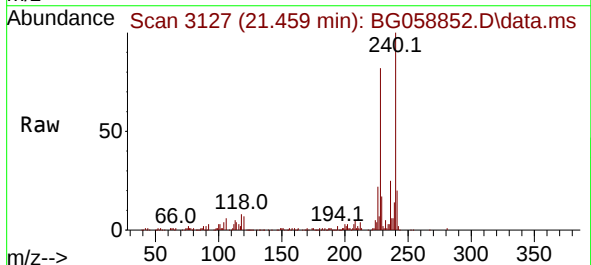
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

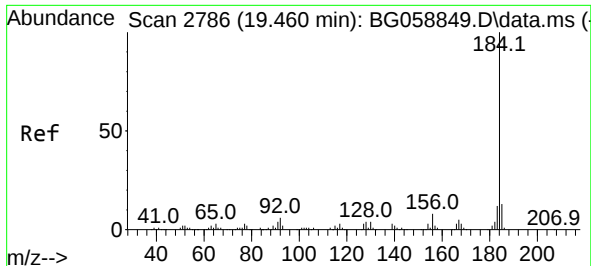
Tgt Ion:202 Resp: 369948
Ion Ratio Lower Upper
202 100
101 8.0 0.0 29.7
203 17.2 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.459 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:240 Resp: 115048
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.2
236 25.2 20.5 30.7

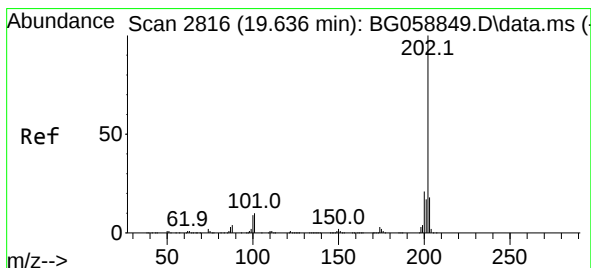
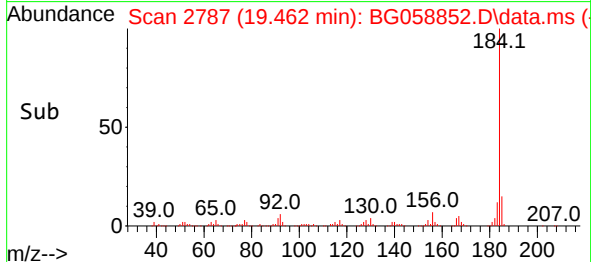
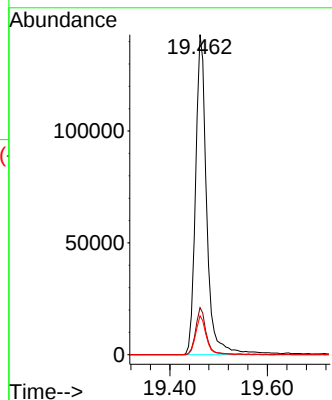
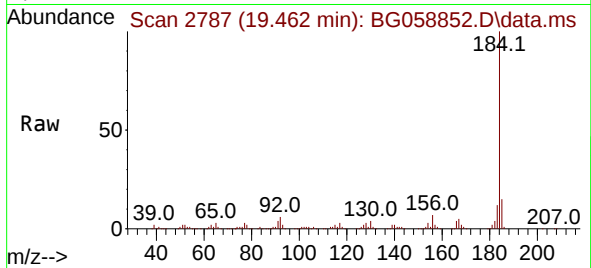




#77
Benzidine
Concen: 110.972 ng
RT: 19.462 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

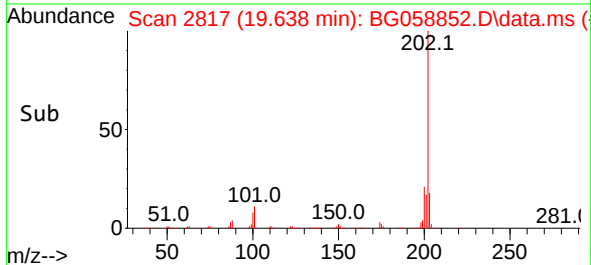
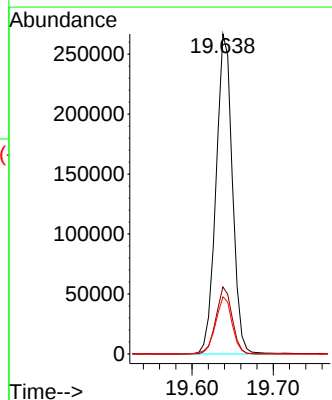
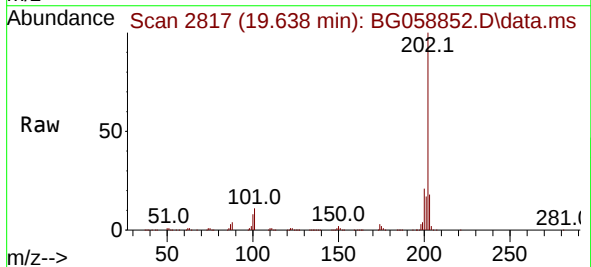
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

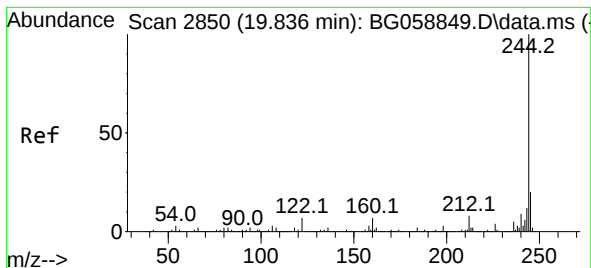
Tgt Ion:184 Resp: 228810
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 12.1 10.0 15.0



#78
Pyrene
Concen: 46.526 ng
RT: 19.638 min Scan# 2817
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:202 Resp: 372960
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.9 15.3 22.9





#79

Terphenyl-d14

Concen: 94.811 ng

RT: 19.838 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

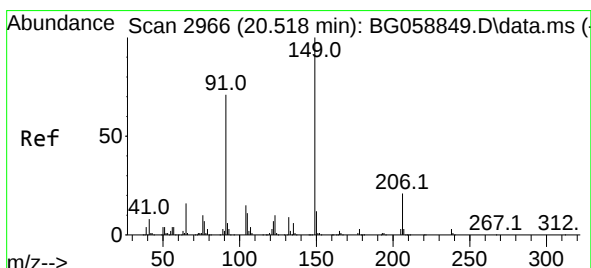
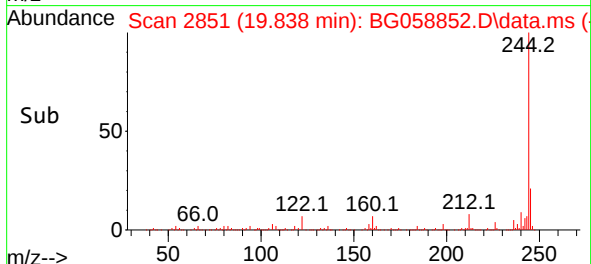
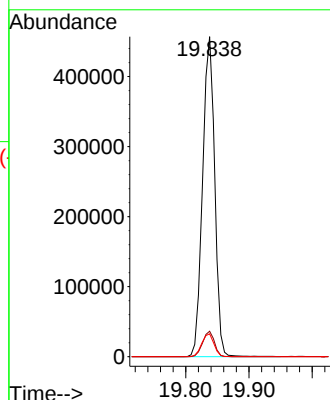
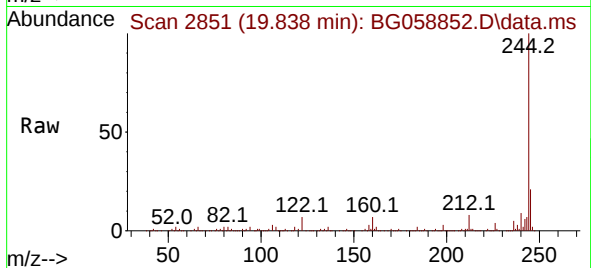
Tgt Ion:244 Resp: 607479

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 7.1 6.3 9.5



#80

Butylbenzylphthalate

Concen: 46.137 ng

RT: 20.519 min Scan# 2967

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

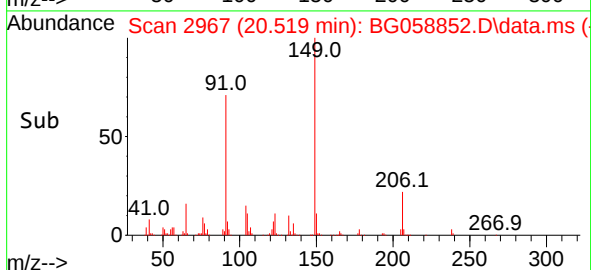
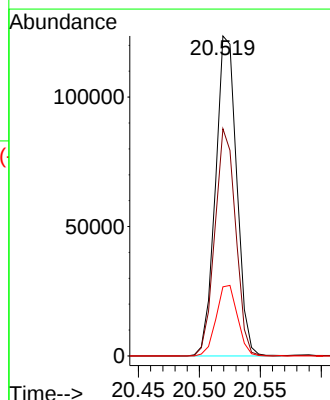
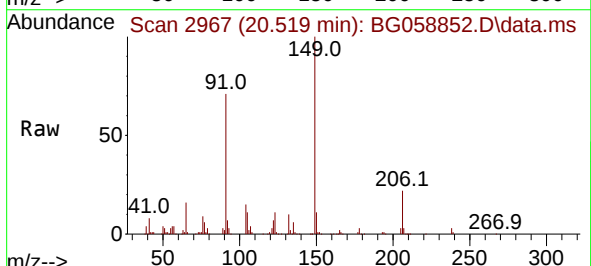
Tgt Ion:149 Resp: 149997

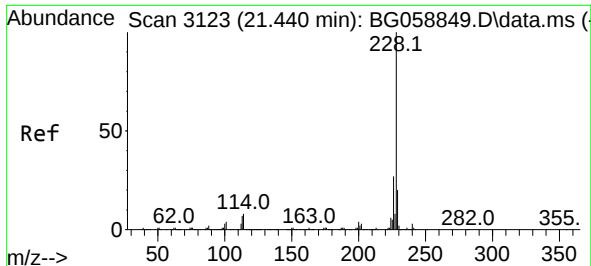
Ion Ratio Lower Upper

149 100

91 71.0 55.0 82.4

206 21.6 17.6 26.4

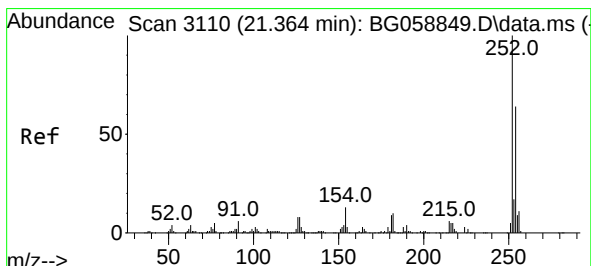
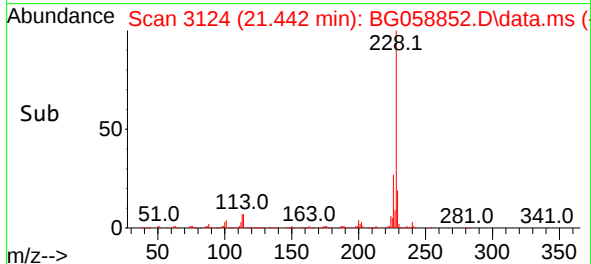
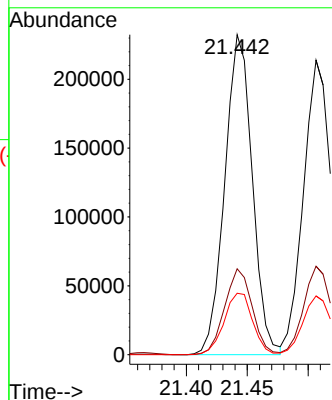
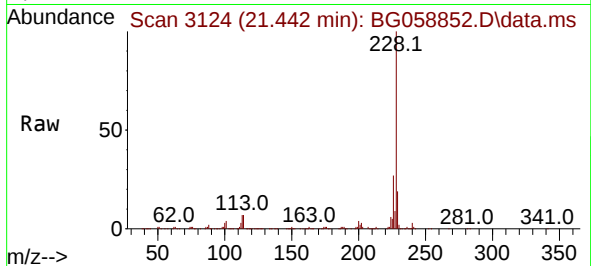




#81
Benzo(a)anthracene
Concen: 45.577 ng
RT: 21.442 min Scan# 3123
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

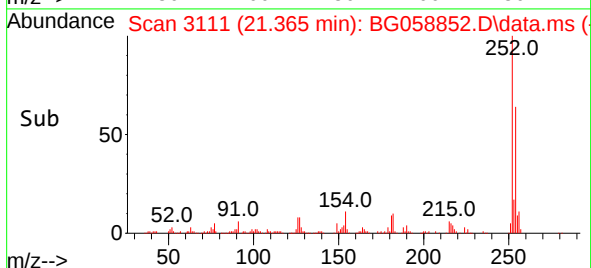
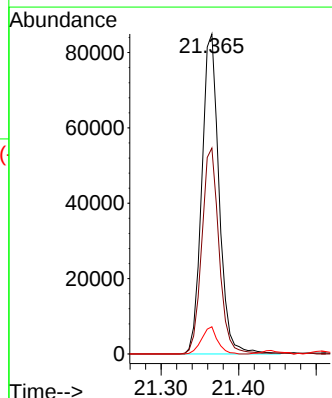
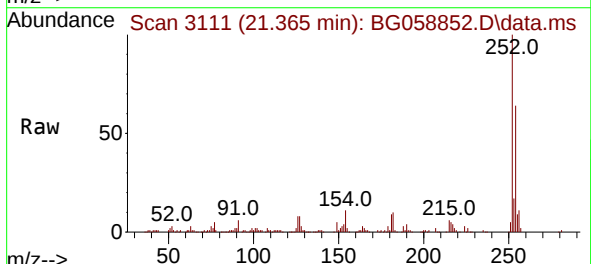
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

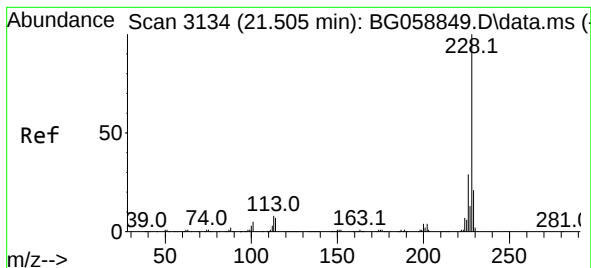
Tgt Ion:228 Resp: 364999
Ion Ratio Lower Upper
228 100
226 26.8 22.6 33.8
229 19.2 16.8 25.2



#82
3,3'-Dichlorobenzidine
Concen: 47.529 ng
RT: 21.365 min Scan# 3111
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:252 Resp: 131412
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.6
126 8.5 6.6 9.8





#83

Chrysene

Concen: 43.877 ng

RT: 21.506 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

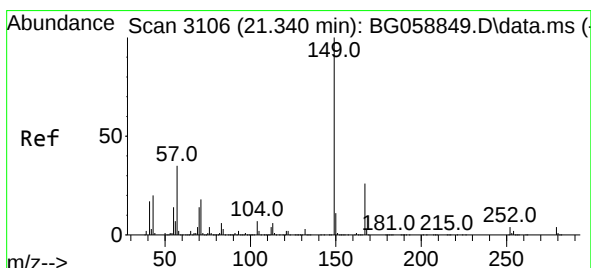
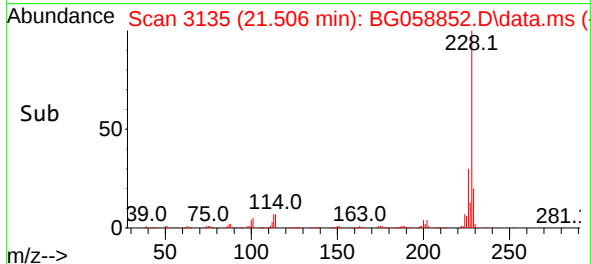
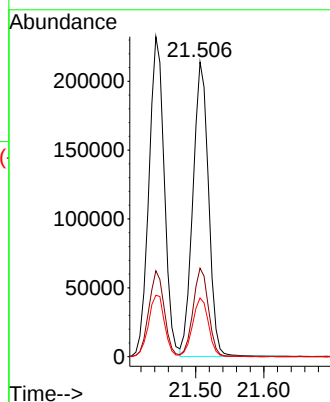
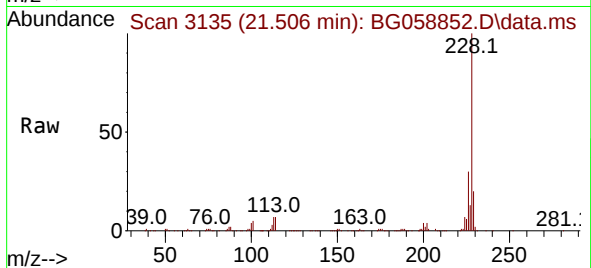
Tgt Ion:228 Resp: 338692

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.9 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.911 ng

RT: 21.342 min Scan# 3107

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

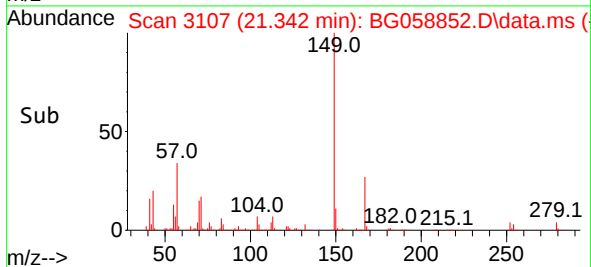
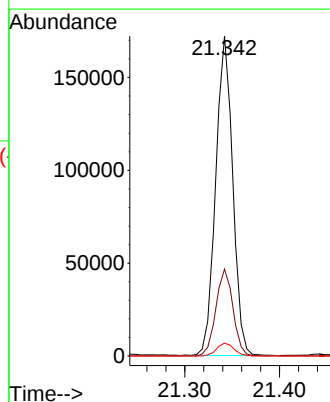
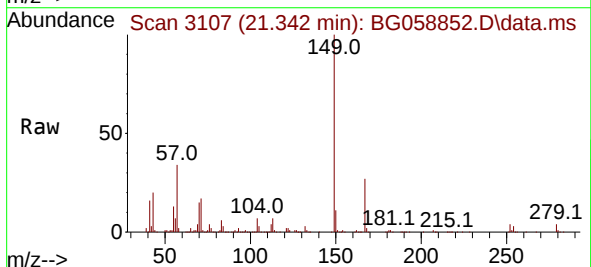
Tgt Ion:149 Resp: 214149

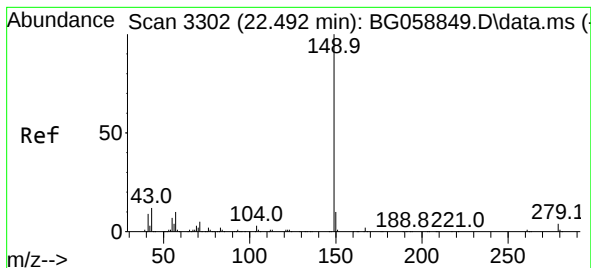
Ion Ratio Lower Upper

149 100

167 27.1 21.7 32.5

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 45.758 ng

RT: 22.493 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

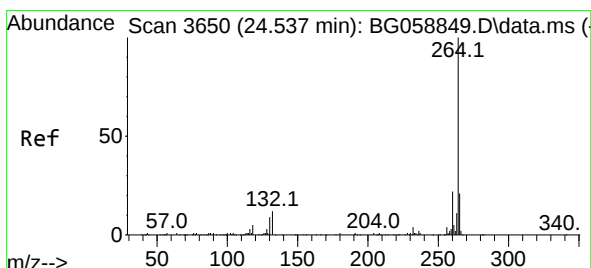
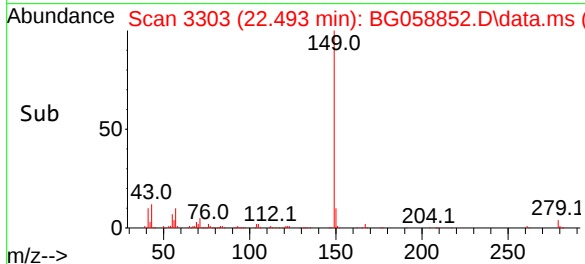
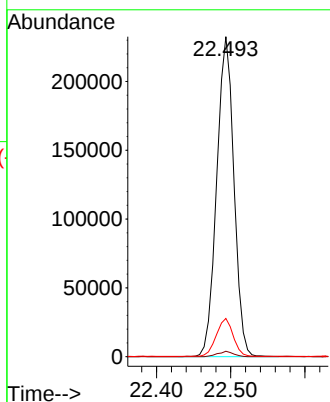
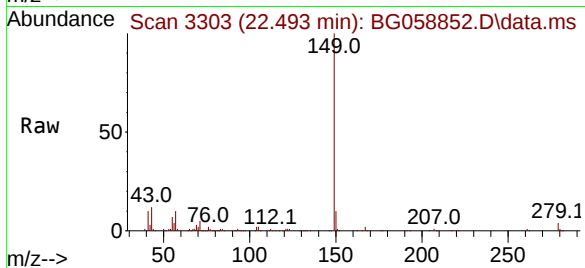
Tgt Ion:149 Resp: 375276

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.7 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.544 min Scan# 3652

Delta R.T. 0.007 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

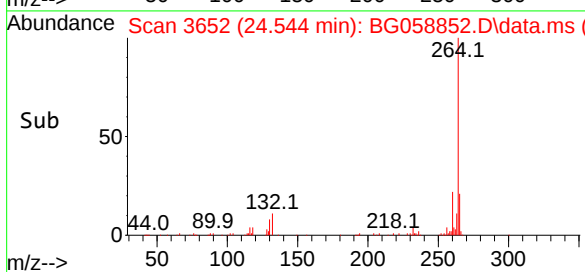
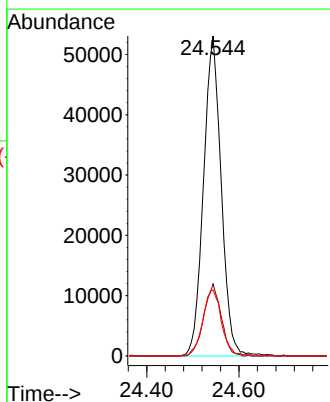
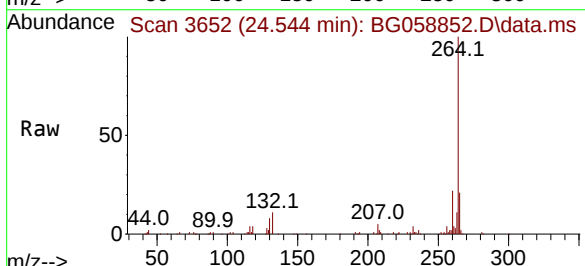
Tgt Ion:264 Resp: 141978

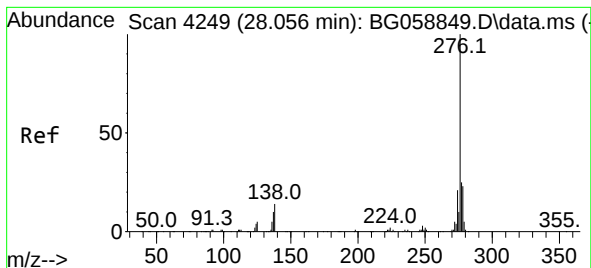
Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.2

265 20.6 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.547 ng

RT: 28.057 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

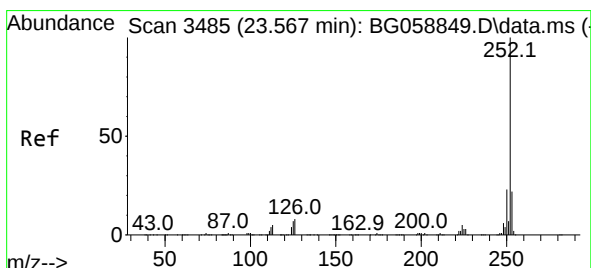
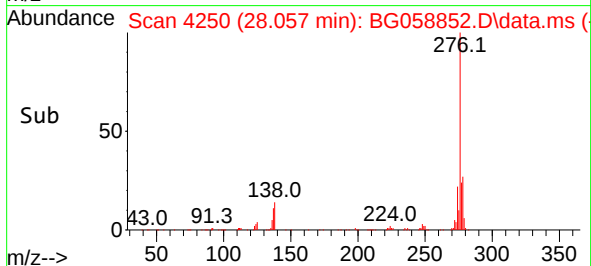
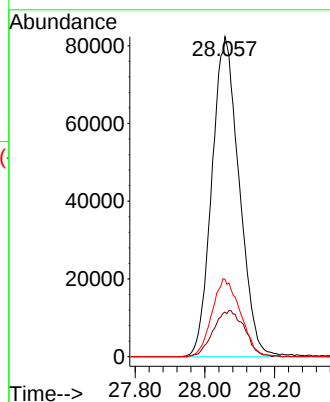
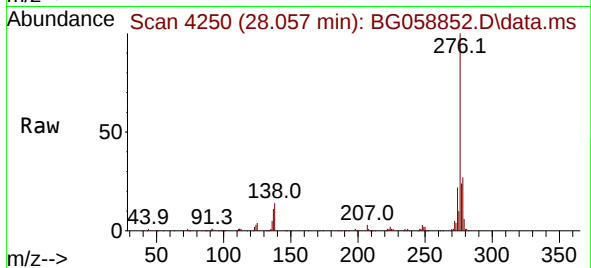
Tgt Ion:276 Resp: 447122

Ion Ratio Lower Upper

276 100

138 16.4 6.2 9.2#

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.908 ng

RT: 23.563 min Scan# 3485

Delta R.T. -0.004 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

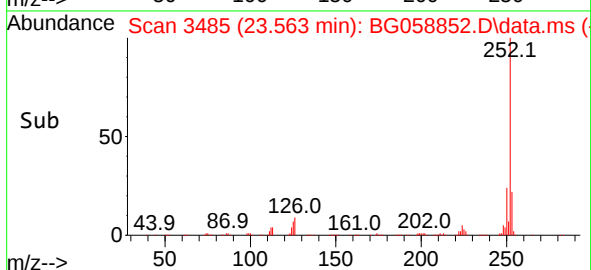
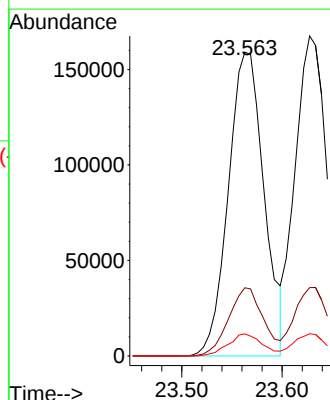
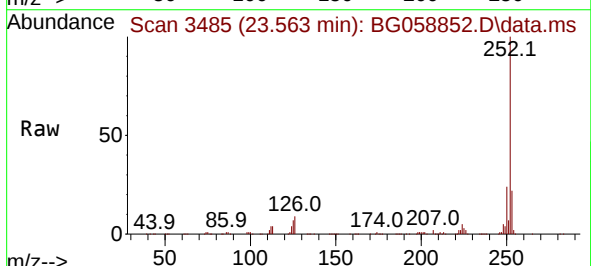
Tgt Ion:252 Resp: 393157

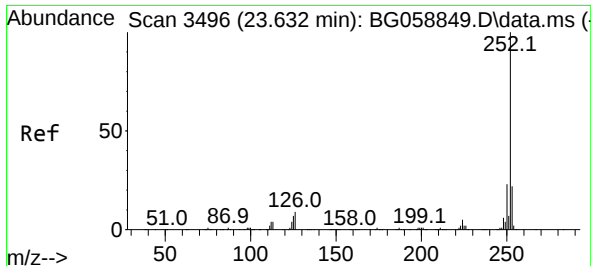
Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

125 7.3 6.2 9.2

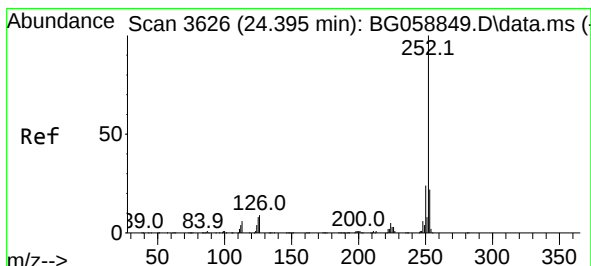
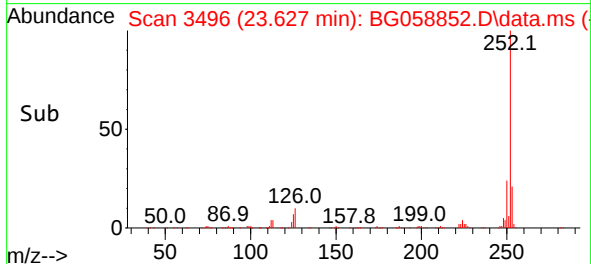
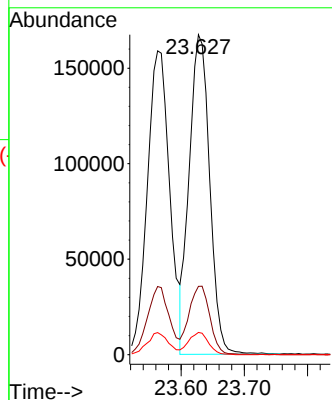
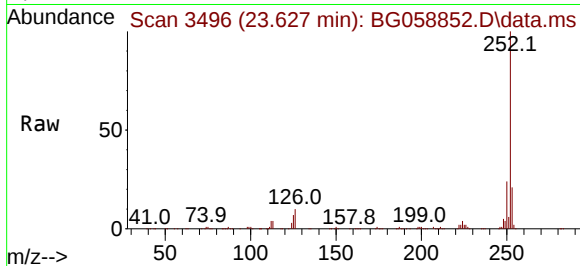




#89
Benzo(k)fluoranthene
Concen: 46.212 ng
RT: 23.627 min Scan# 3496
Delta R.T. -0.004 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

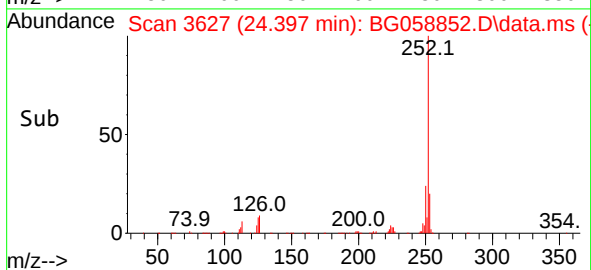
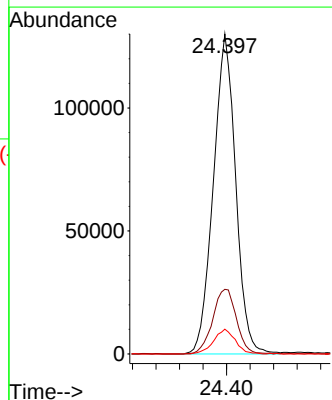
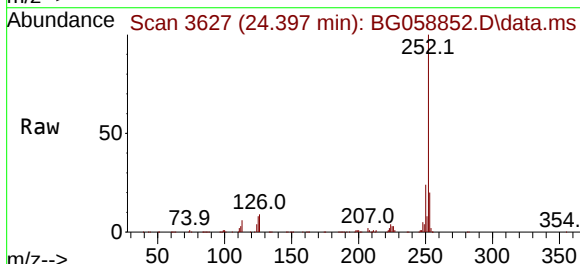
Instrument :
BNA_G
ClientSampleId :
PB155022BSD

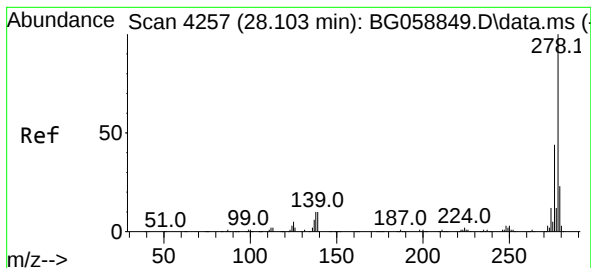
Tgt Ion:252 Resp: 375439
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 7.0 6.3 9.5



#90
Benzo(a)pyrene
Concen: 44.159 ng
RT: 24.397 min Scan# 3627
Delta R.T. 0.002 min
Lab File: BG058852.D
Acq: 25 Aug 2023 16:16

Tgt Ion:252 Resp: 342530
Ion Ratio Lower Upper
252 100
253 20.2 17.5 26.3
125 7.8 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 47.139 ng

RT: 28.104 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Instrument :

BNA_G

ClientSampleId :

PB155022BSD

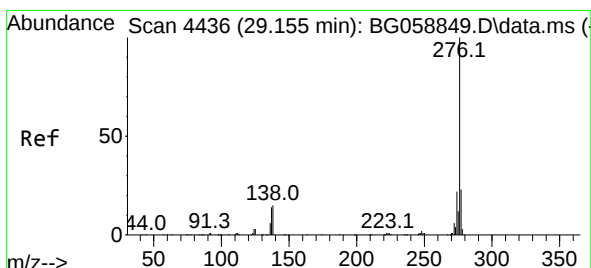
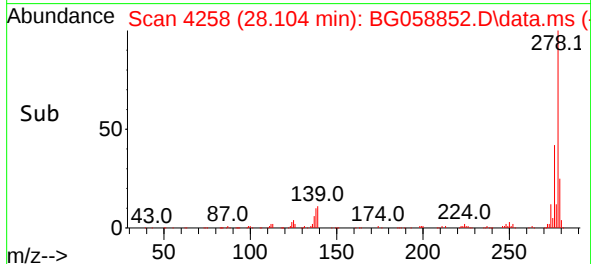
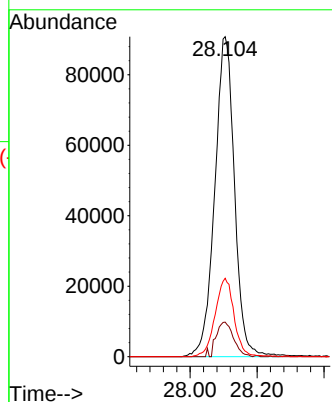
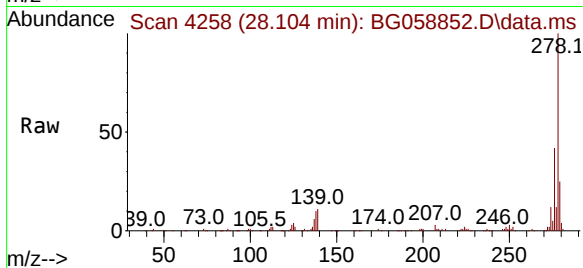
Tgt Ion:278 Resp: 372076

Ion Ratio Lower Upper

278 100

139 10.8 8.9 13.3

279 24.5 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 46.676 ng

RT: 29.156 min Scan# 4437

Delta R.T. 0.002 min

Lab File: BG058852.D

Acq: 25 Aug 2023 16:16

Tgt Ion:276 Resp: 368357

Ion Ratio Lower Upper

276 100

277 23.9 17.8 26.6

138 12.3 11.1 16.7

