

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055860.D
 Acq On : 1 Dec 2022 18:00
 Operator : CG/JU
 Sample : N5823-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OE-2-113022MSD

Quant Time: Dec 02 04:10:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.209	152	40565	20.000	ng	0.00
21) Naphthalene-d8	11.035	136	163763	20.000	ng	0.00
39) Acenaphthene-d10	14.837	164	109958	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	243388	20.000	ng	0.00
76) Chrysene-d12	21.870	240	227981	20.000	ng	0.00
86) Perylene-d12	25.254	264	251727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	279936	124.735	ng	0.00
7) Phenol-d6	7.363	99	357136	119.546	ng	0.00
23) Nitrobenzene-d5	9.384	82	225064	72.640	ng	0.00
42) 2,4,6-Tribromophenol	16.323	330	180630	116.660	ng	0.00
45) 2-Fluorobiphenyl	13.462	172	546585	74.470	ng	0.00
79) Terphenyl-d14	20.160	244	875264	76.789	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.562	88	34625	36.102	ng	93
3) Pyridine	3.973	79	100735	34.238	ng	96
4) n-Nitrosodimethylamine	3.891	42	64196	41.211	ng	98
6) Aniline	7.522	93	99812	26.600	ng	97
8) 2-Chlorophenol	7.774	128	120349	46.909	ng	100
9) Benzaldehyde	7.334	77	59753	29.451	ng	97
10) Phenol	7.392	94	152609	45.623	ng	99
11) bis(2-Chloroethyl)ether	7.616	93	108003	42.132	ng	100
12) 1,3-Dichlorobenzene	8.097	146	134392	44.554	ng	97
13) 1,4-Dichlorobenzene	8.244	146	135340	44.402	ng	100
14) 1,2-Dichlorobenzene	8.567	146	132049	45.209	ng	98
15) Benzyl Alcohol	8.444	79	112885	46.494	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.732	45	193826	41.768	ng	99
17) 2-Methylphenol	8.656	107	106746	44.949	ng	99
18) Hexachloroethane	9.302	117	48701	46.422	ng	97
19) n-Nitroso-di-n-propyla...	9.014	70	90737	39.531	ng	99
20) 3+4-Methylphenols	8.985	107	145064	43.727	ng	98
22) Acetophenone	9.038	105	182024	42.775	ng	# 98
24) Nitrobenzene	9.425	77	137852	42.595	ng	99
25) Isophorone	9.948	82	253471	43.177	ng	99
26) 2-Nitrophenol	10.142	139	70942	47.485	ng	95
27) 2,4-Dimethylphenol	10.195	122	113135	49.756	ng	99
28) bis(2-Chloroethoxy)met...	10.424	93	144534	45.861	ng	98
29) 2,4-Dichlorophenol	10.683	162	125129	45.977	ng	99
30) 1,2,4-Trichlorobenzene	10.900	180	141045	44.609	ng	98
31) Naphthalene	11.088	128	384664	43.451	ng	99
32) Benzoic acid	10.348	122	63254	33.813	ng	97
33) 4-Chloroaniline	11.194	127	84706	23.195	ng	99
34) Hexachlorobutadiene	11.364	225	95637	44.297	ng	97
35) Caprolactam	11.975	113	30720	32.619	ng	96
36) 4-Chloro-3-methylphenol	12.310	107	130387	43.590	ng	99
37) 2-Methylnaphthalene	12.680	142	291556	43.985	ng	99
38) 1-Methylnaphthalene	12.898	142	275379	42.795	ng	100
40) 1,2,4,5-Tetrachloroben...	13.045	216	167245	48.400	ng	100
41) Hexachlorocyclopentadiene	13.015	237	76326	43.826	ng	98
43) 2,4,6-Trichlorophenol	13.280	196	108036	45.834	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055860.D
 Acq On : 1 Dec 2022 18:00
 Operator : CG/JU
 Sample : N5823-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OE-2-113022MSD

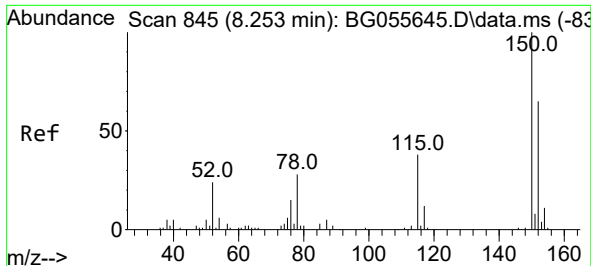
Quant Time: Dec 02 04:10:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.362	196	115792	44.702	ng	97
46) 1,1'-Biphenyl	13.673	154	363414	45.354	ng	99
47) 2-Chloronaphthalene	13.720	162	277076	44.488	ng	98
48) 2-Nitroaniline	13.920	65	88580	43.259	ng	96
49) Acenaphthylene	14.560	152	460780	44.928	ng	100
50) Dimethylphthalate	14.278	163	353480	40.327	ng	99
51) 2,6-Dinitrotoluene	14.408	165	78847	43.993	ng	98
52) Acenaphthene	14.901	154	302392	45.114	ng	99
53) 3-Nitroaniline	14.737	138	61359	31.187	ng	97
54) 2,4-Dinitrophenol	14.954	184	47259	45.861	ng	97
55) Dibenzofuran	15.230	168	478158	46.242	ng	98
56) 4-Nitrophenol	15.054	139	122422	79.280	ng	95
57) 2,4-Dinitrotoluene	15.195	165	109041	43.152	ng	97
58) Fluorene	15.882	166	429502	52.005	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.377	232	98361	39.189	ng	92
60) Diethylphthalate	15.630	149	348726	39.350	ng	100
61) 4-Chlorophenyl-phenyle...	15.859	204	191905	42.271	ng	97
62) 4-Nitroaniline	15.900	138	76145	37.024	ng	95
63) Azobenzene	16.153	77	324213	41.905	ng	98
65) 4,6-Dinitro-2-methylph...	15.959	198	39024	28.714	ng	98
66) n-Nitrosodiphenylamine	16.076	169	304764	45.436	ng	98
67) 4-Bromophenyl-phenylether	16.758	248	124841	45.018	ng	96
68) Hexachlorobenzene	16.881	284	137603	44.750	ng	98
69) Atrazine	17.016	200	125418	47.278	ng	99
70) Pentachlorophenol	17.234	266	146442	77.852	ng	100
71) Phenanthrene	17.622	178	1289794	98.201	ng	98
72) Anthracene	17.710	178	724042	56.737	ng	99
73) Carbazole	17.980	167	588437	51.291	ng	99
74) Di-n-butylphthalate	18.509	149	576456	40.466	ng	100
75) Fluoranthene	19.625	202	1509945	94.497	ng	98
77) Benzidine	19.790	184	238682	45.254	ng	100
78) Pyrene	19.983	202	1437355	93.144	ng	96
80) Butylbenzylphthalate	20.841	149	256902	42.525	ng	96
81) Benzo(a)anthracene	21.852	228	1051935	66.992	ng	98
82) 3,3'-Dichlorobenzidine	21.752	252	163050	29.551	ng	97
83) Chrysene	21.922	228	954383	63.844	ng	99
84) Bis(2-ethylhexyl)phtha...	21.711	149	374048	43.083	ng	99
85) Di-n-octyl phthalate	22.968	149	636358	42.830	ng	100
87) Indeno(1,2,3-cd)pyrene	29.167	276	923124	44.764	ng	# 86
88) Benzo(b)fluoranthene	24.179	252	1078411	65.782	ng	99
89) Benzo(k)fluoranthene	24.243	252	834501	51.067	ng	98
90) Benzo(a)pyrene	25.095	252	930575	66.148	ng	99
91) Dibenzo(a,h)anthracene	29.220	278	652120	38.697	ng	99
92) Benzo(g,h,i)perylene	30.389	276	746987	43.980	ng	99

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

Quant Time: Dec 02 04:10:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

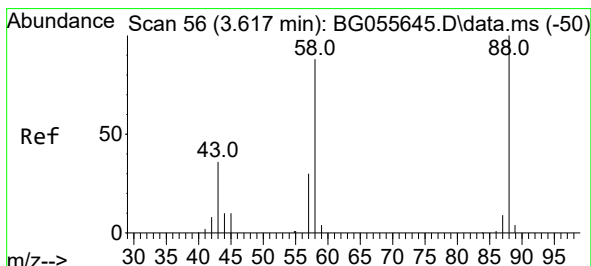
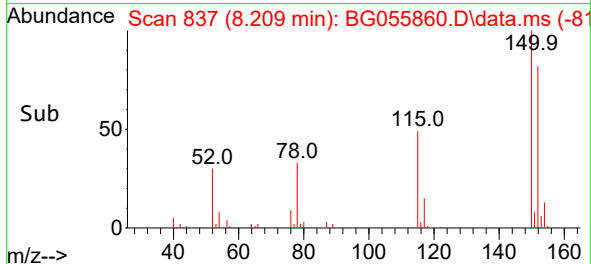
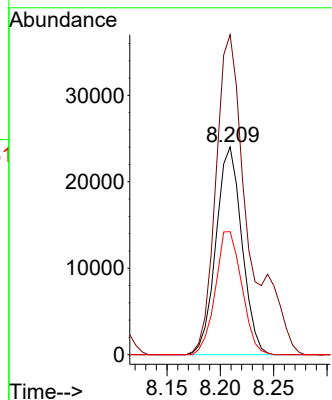
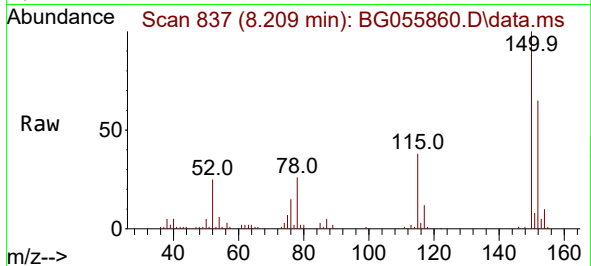




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.209 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: BG055860.D
 Acq: 1 Dec 2022 18:00

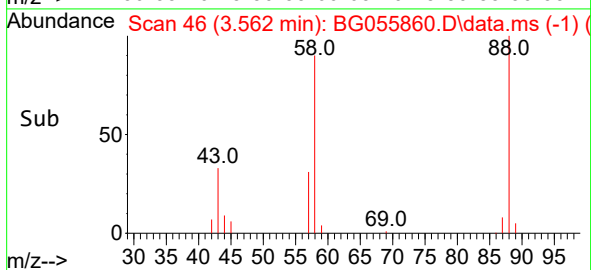
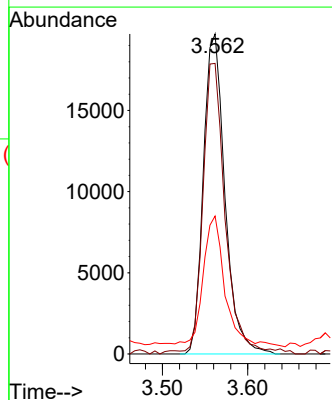
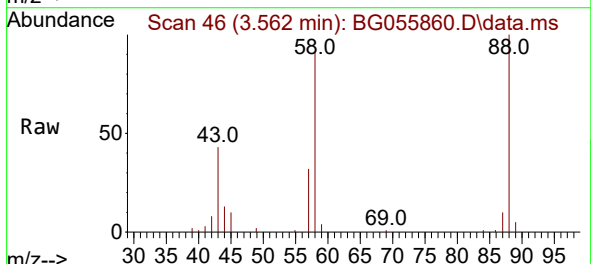
Instrument :
 BNA_G
 ClientSampleId :
 OE-2-113022MSD

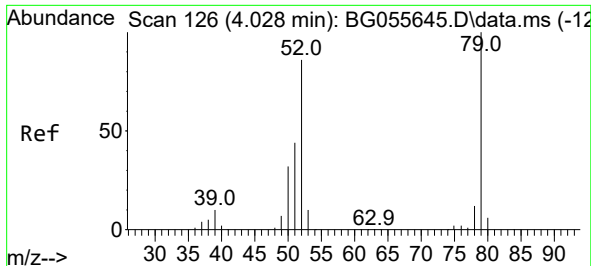
Tgt Ion:152 Resp: 40565
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.0 184.6
 115 59.3 47.0 70.4



#2
 1,4-Dioxane
 Concen: 36.102 ng
 RT: 3.562 min Scan# 46
 Delta R.T. 0.004 min
 Lab File: BG055860.D
 Acq: 1 Dec 2022 18:00

Tgt Ion: 88 Resp: 34625
 Ion Ratio Lower Upper
 88 100
 58 94.9 71.3 106.9
 43 41.8 28.6 43.0

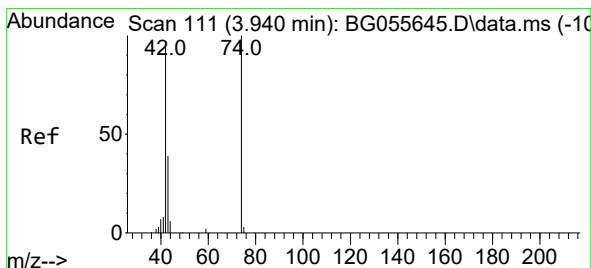
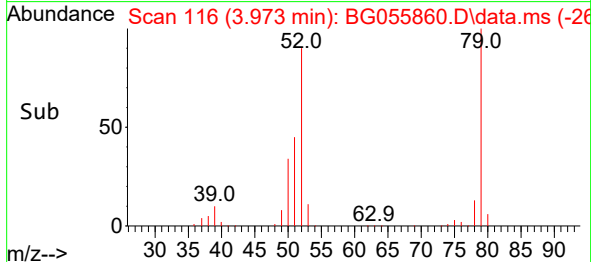
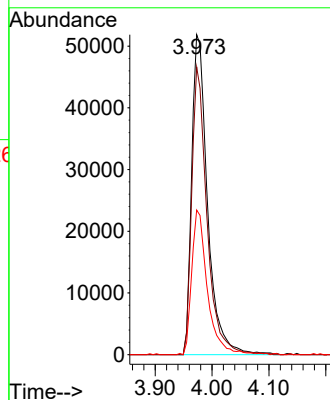
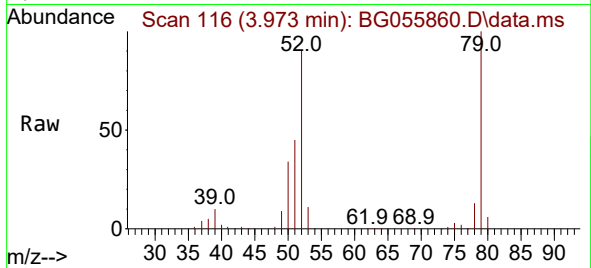




#3
Pyridine
Concen: 34.238 ng
RT: 3.973 min Scan# 116
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

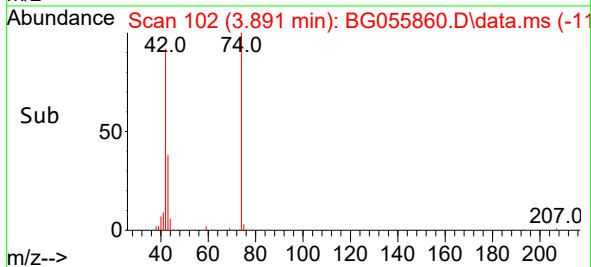
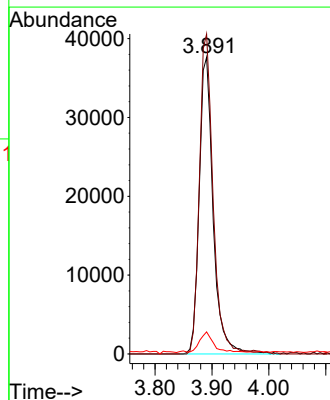
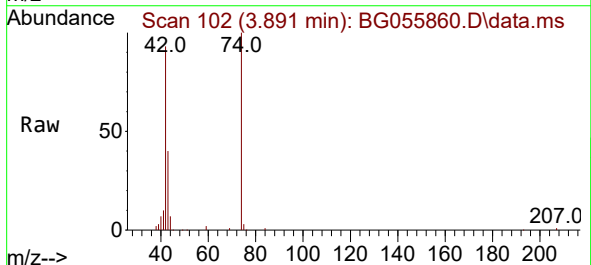
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

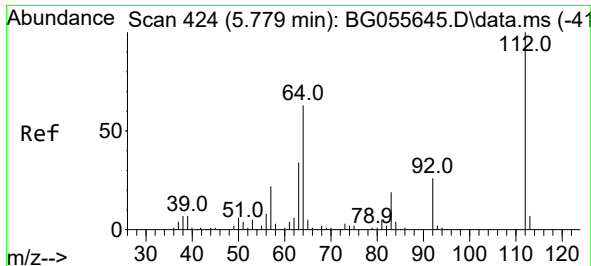
Tgt Ion: 79 Resp: 100735
Ion Ratio Lower Upper
79 100
52 89.9 68.9 103.3
51 45.2 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 41.211 ng
RT: 3.891 min Scan# 102
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion: 42 Resp: 64196
Ion Ratio Lower Upper
42 100
74 107.9 84.7 127.1
44 7.4 5.4 8.0

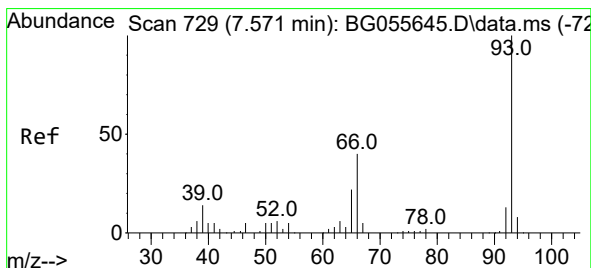
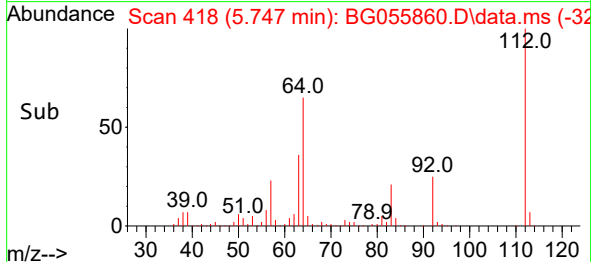
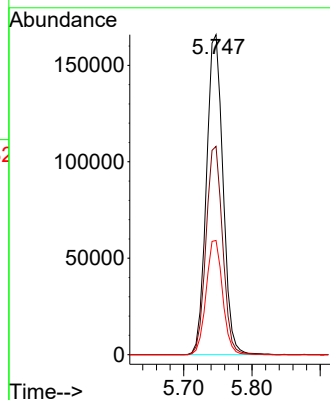
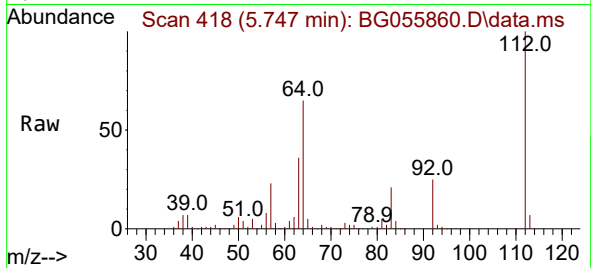




#5
2-Fluorophenol
Concen: 124.735 ng
RT: 5.747 min Scan# 41
Delta R.T. 0.010 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

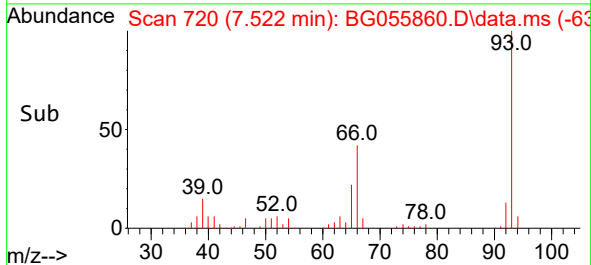
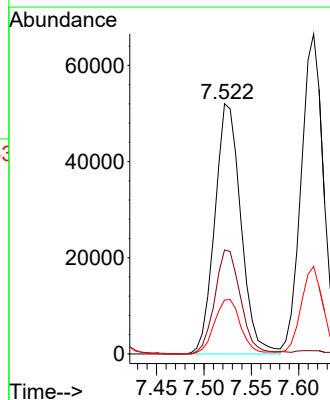
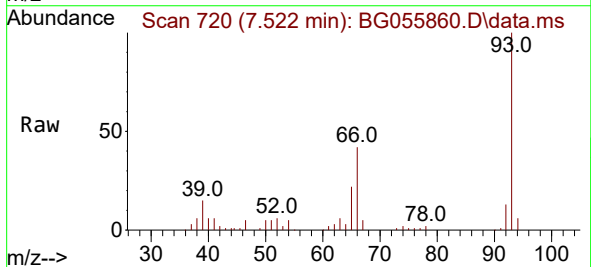
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

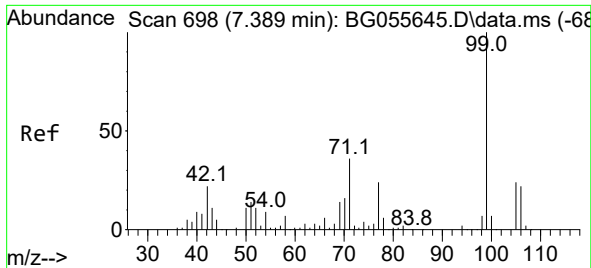
Tgt Ion:112 Resp: 279936
Ion Ratio Lower Upper
112 100
64 65.1 50.6 76.0
63 35.7 27.5 41.3



#6
Aniline
Concen: 26.600 ng
RT: 7.522 min Scan# 720
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion: 93 Resp: 99812
Ion Ratio Lower Upper
93 100
66 41.5 31.7 47.5
65 21.6 17.9 26.9

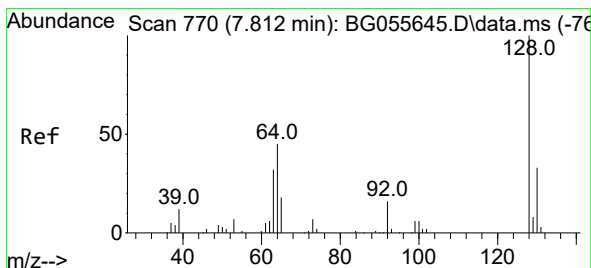
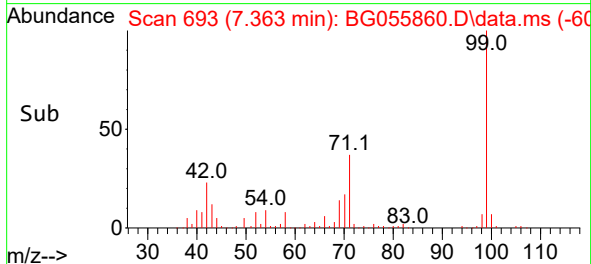
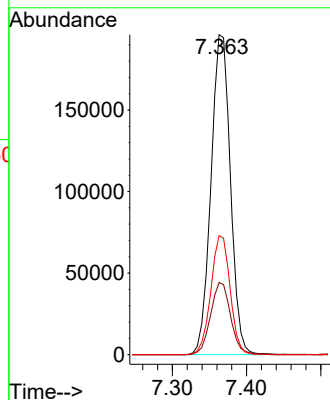
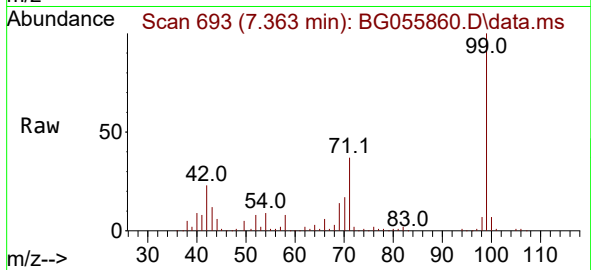




#7
Phenol-d6
Concen: 119.546 ng
RT: 7.363 min Scan# 693
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

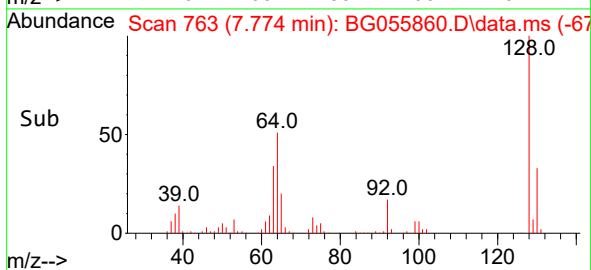
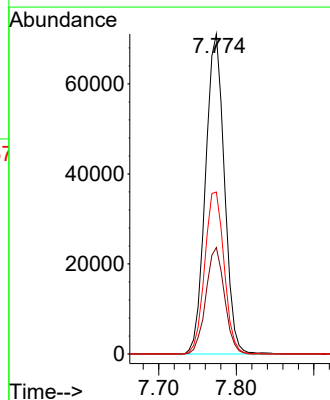
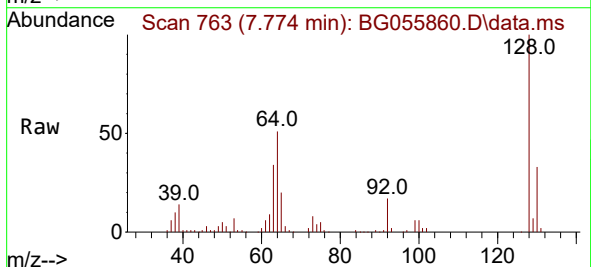
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

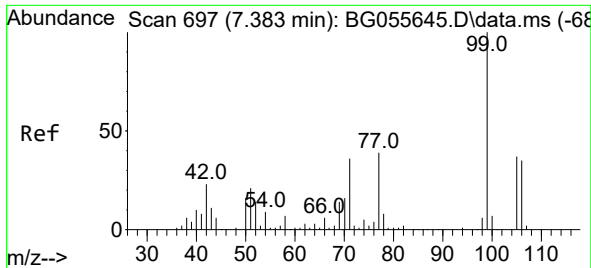
Tgt Ion: 99 Resp: 357136
Ion Ratio Lower Upper
99 100
42 22.6 18.0 27.0
71 37.1 29.0 43.6



#8
2-Chlorophenol
Concen: 46.909 ng
RT: 7.774 min Scan# 763
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:128 Resp: 120349
Ion Ratio Lower Upper
128 100
130 33.3 13.1 53.1
64 50.6 30.2 70.2

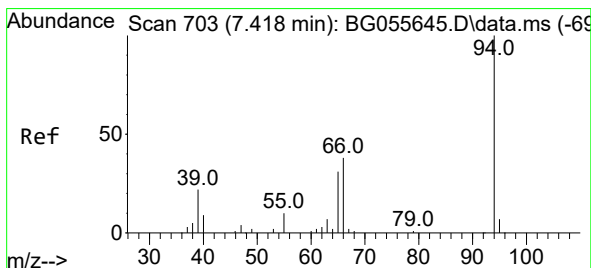
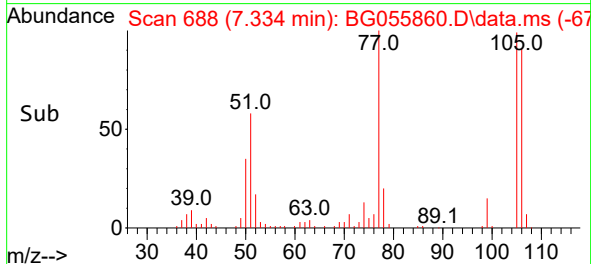
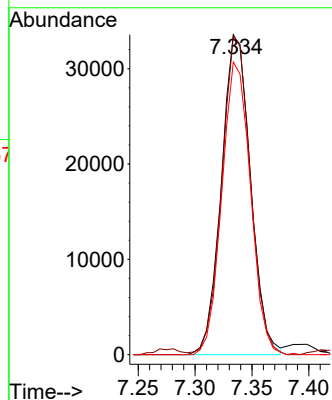
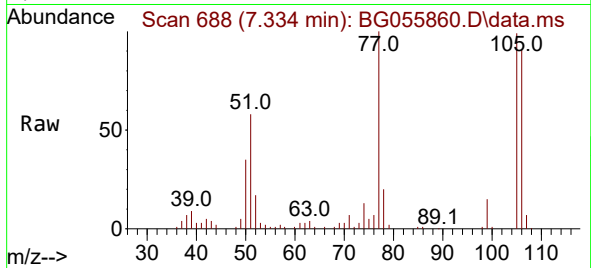




#9
Benzaldehyde
Concen: 29.451 ng
RT: 7.334 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

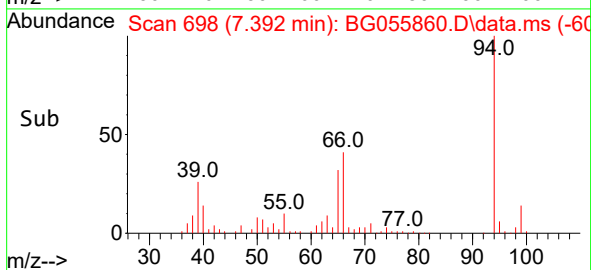
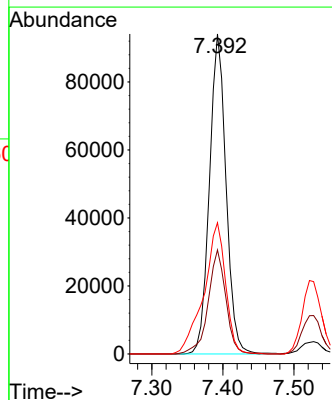
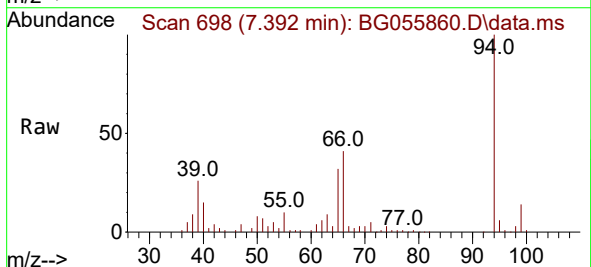
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

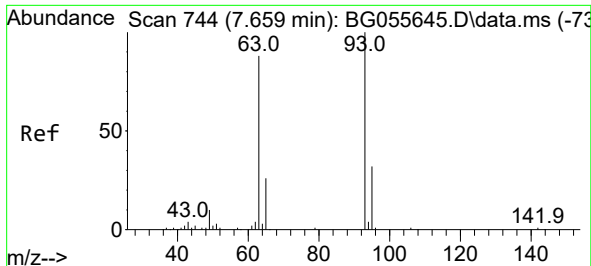
Tgt Ion: 77 Resp: 59753
Ion Ratio Lower Upper
77 100
105 99.5 76.3 116.3
106 91.4 69.8 109.8



#10
Phenol
Concen: 45.623 ng
RT: 7.392 min Scan# 698
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion: 94 Resp: 152609
Ion Ratio Lower Upper
94 100
65 32.5 11.8 51.8
66 41.0 20.5 60.5

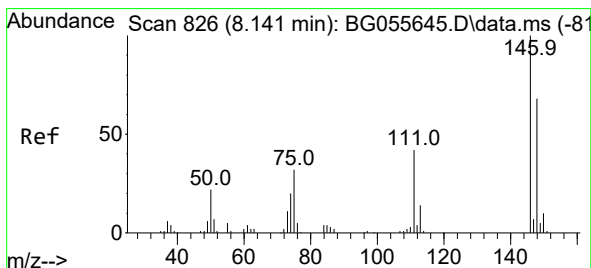
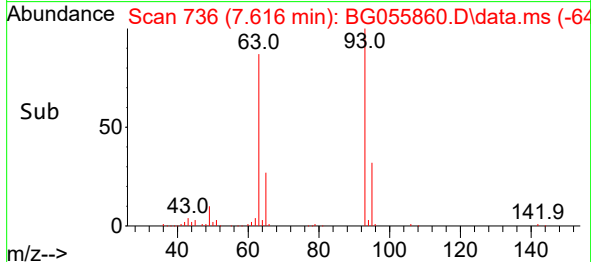
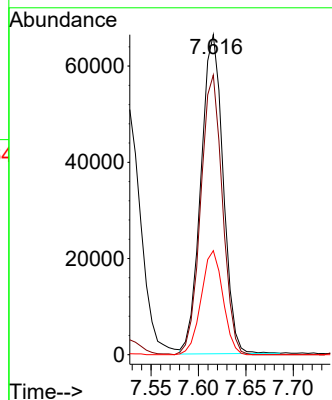
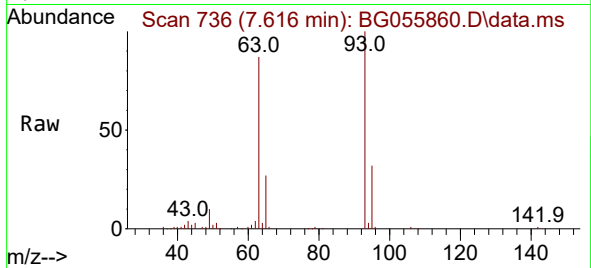




#11
bis(2-Chloroethyl)ether
Concen: 42.132 ng
RT: 7.616 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

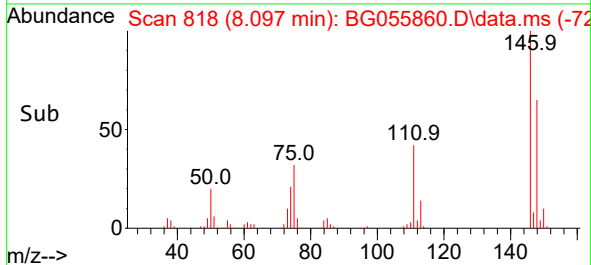
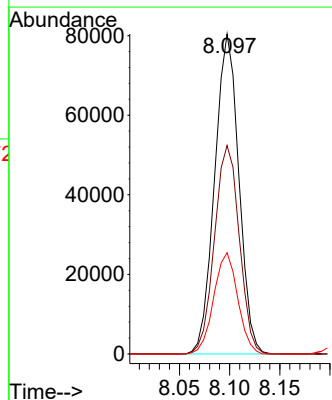
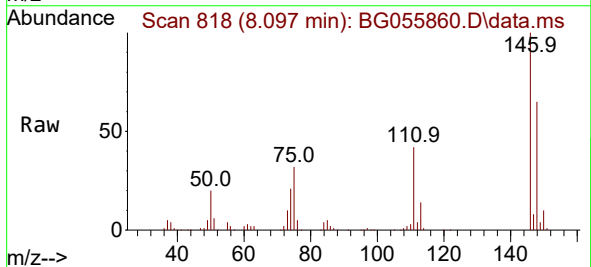
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

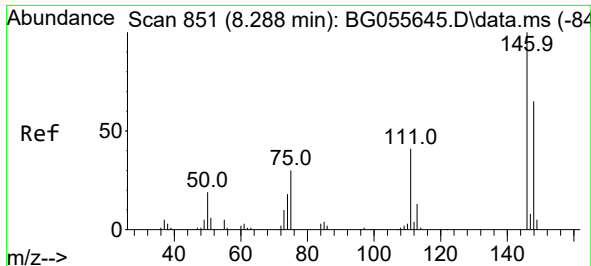
Tgt Ion: 93 Resp: 108003
Ion Ratio Lower Upper
93 100
63 87.4 67.6 107.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.554 ng
RT: 8.097 min Scan# 818
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion: 146 Resp: 134392
Ion Ratio Lower Upper
146 100
148 65.2 54.6 81.8
75 31.6 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 44.402 ng

RT: 8.244 min Scan# 84

Delta R.T. -0.002 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD

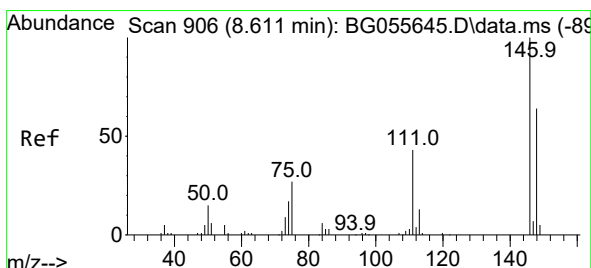
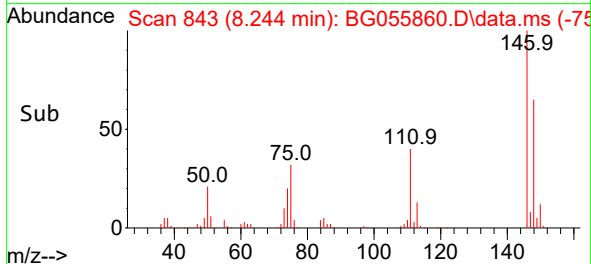
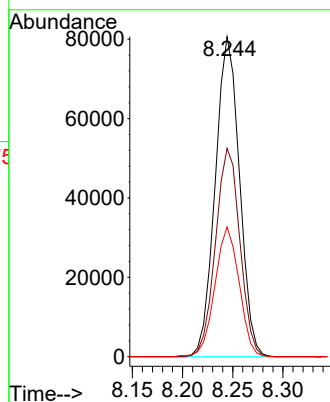
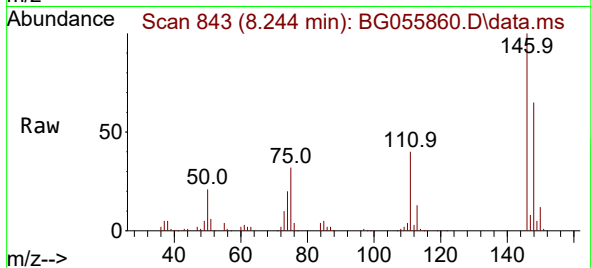
Tgt Ion:146 Resp: 135340

Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

111 40.5 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 45.209 ng

RT: 8.567 min Scan# 898

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

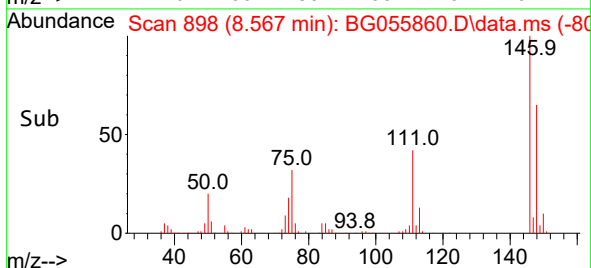
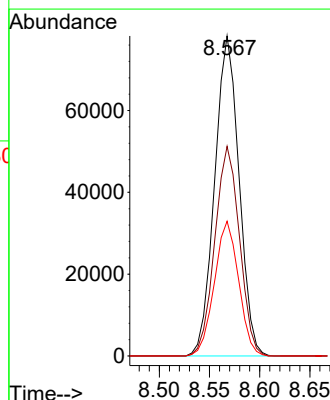
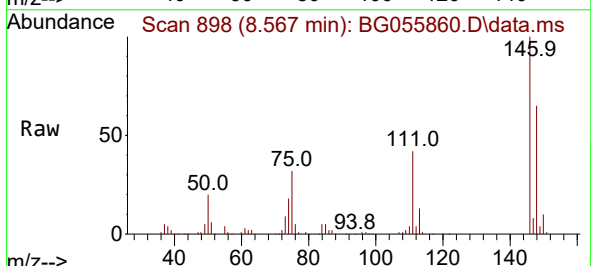
Tgt Ion:146 Resp: 132049

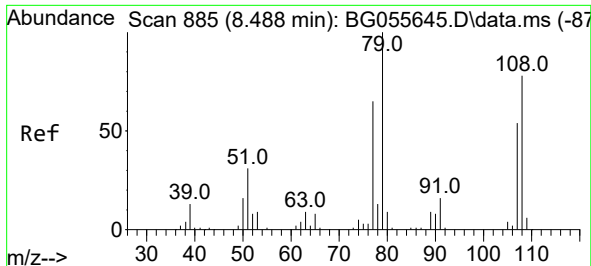
Ion Ratio Lower Upper

146 100

148 65.5 50.9 76.3

111 42.1 34.5 51.7

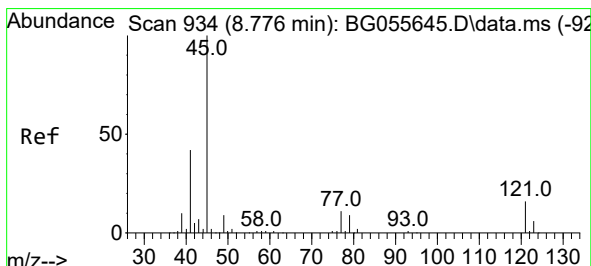
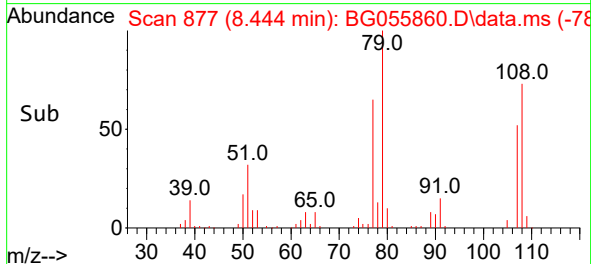
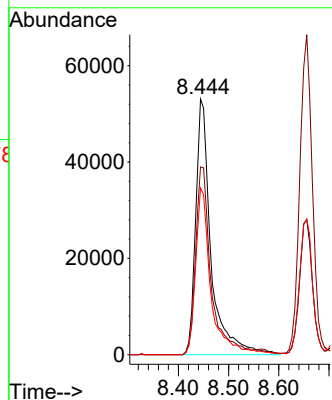
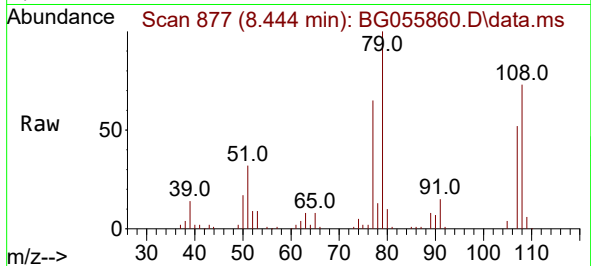




#15
Benzyl Alcohol
Concen: 46.494 ng
RT: 8.444 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

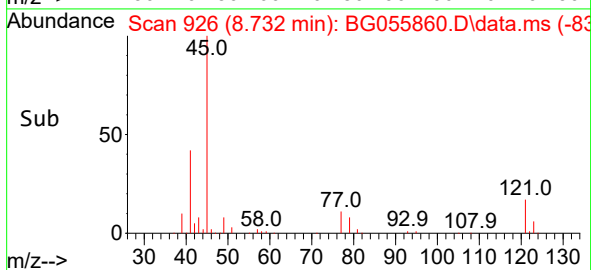
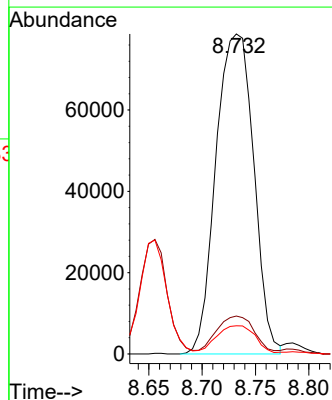
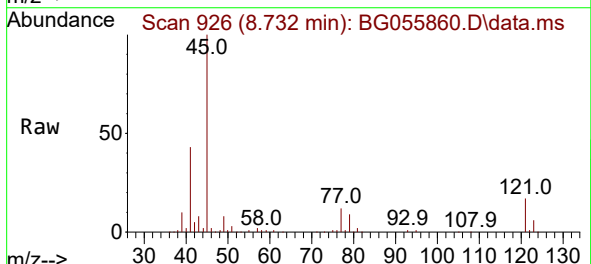
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

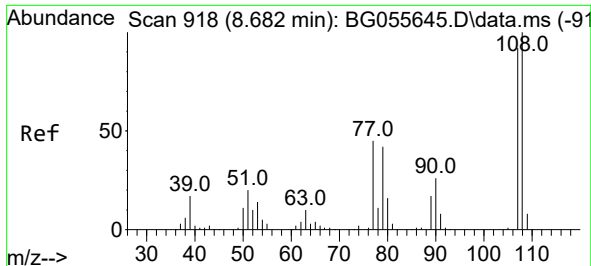
Tgt Ion: 79 Resp: 112885
Ion Ratio Lower Upper
79 100
108 73.4 62.6 93.8
77 65.2 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.768 ng
RT: 8.732 min Scan# 926
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

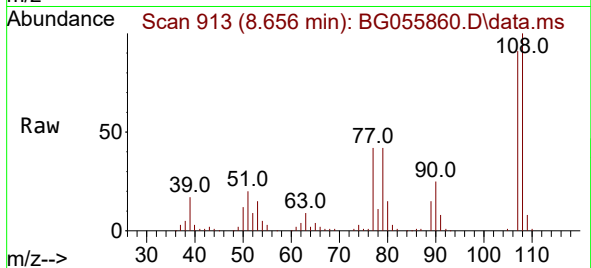
Tgt Ion: 45 Resp: 193826
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.7
79 8.8 0.0 29.5



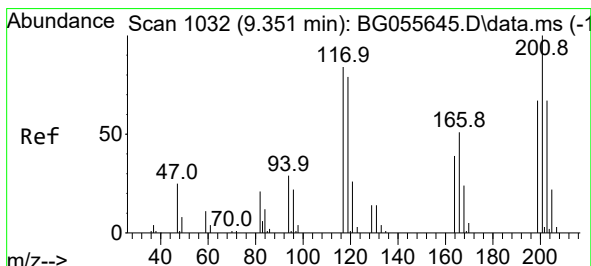
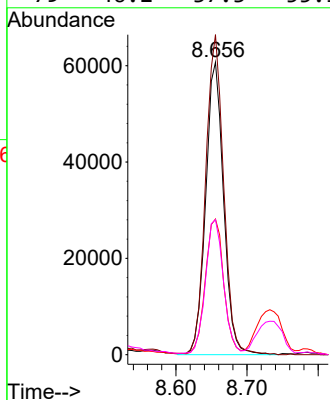
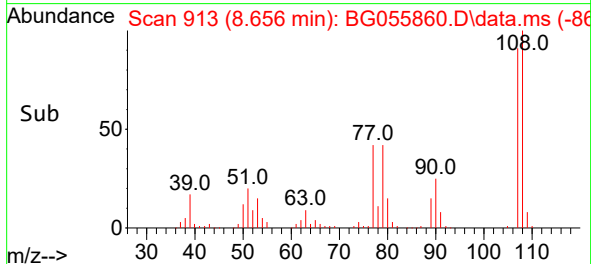


#17
2-Methylphenol
Concen: 44.949 ng
RT: 8.656 min Scan# 918
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

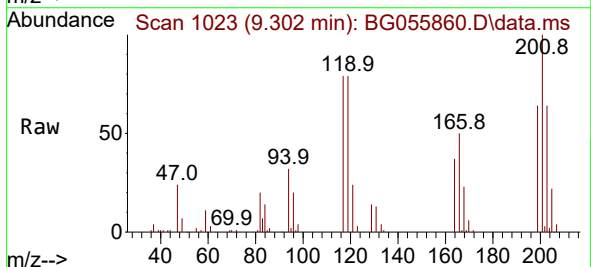
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



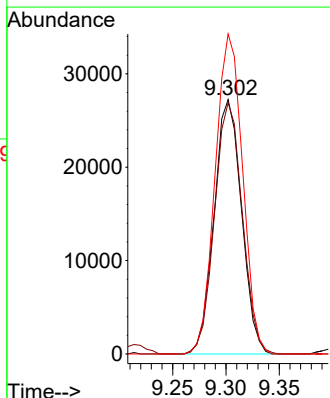
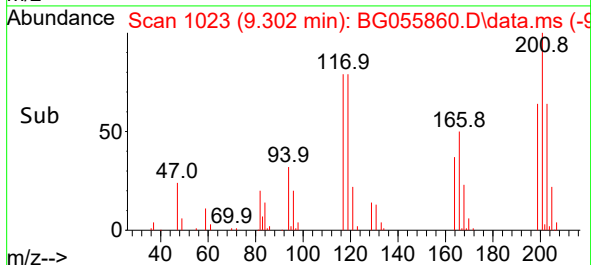
Tgt Ion:107 Resp: 106746
Ion Ratio Lower Upper
107 100
108 109.4 87.3 130.9
77 46.4 39.4 59.0
79 46.2 37.3 55.9

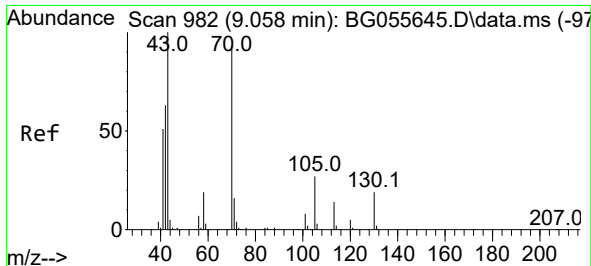


#18
Hexachloroethane
Concen: 46.422 ng
RT: 9.302 min Scan# 1023
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



Tgt Ion:117 Resp: 48701
Ion Ratio Lower Upper
117 100
119 98.8 76.0 114.0
201 125.8 98.6 148.0

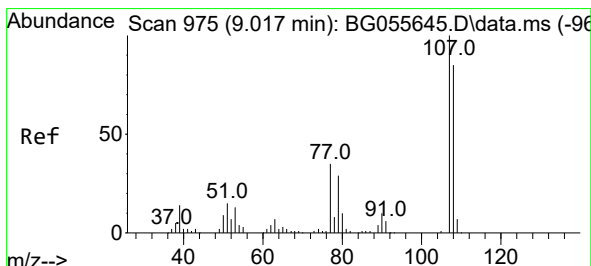
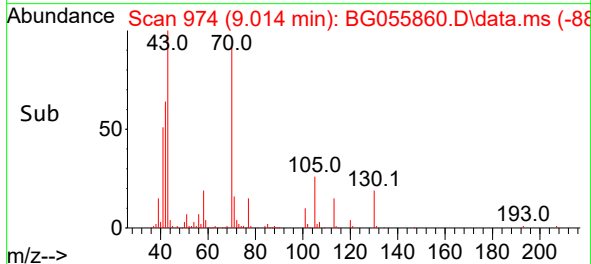
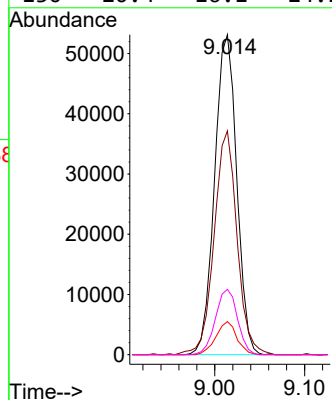
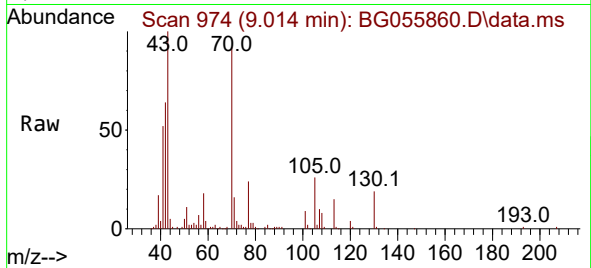




#19
n-Nitroso-di-n-propylamine
Concen: 39.531 ng
RT: 9.014 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

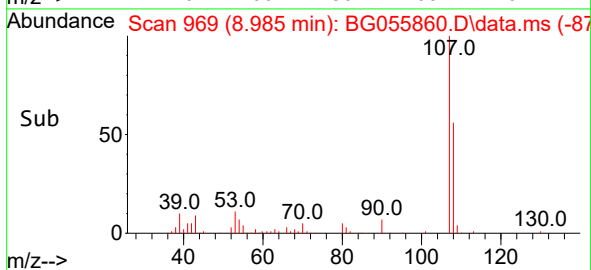
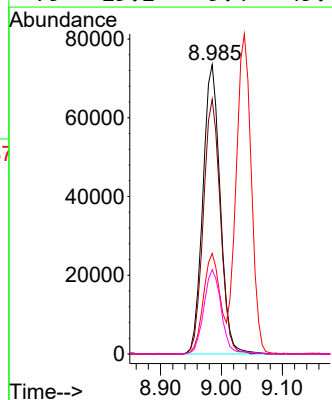
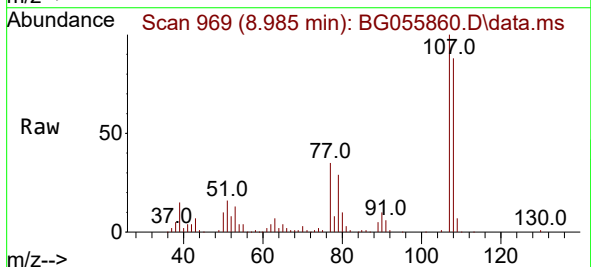
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

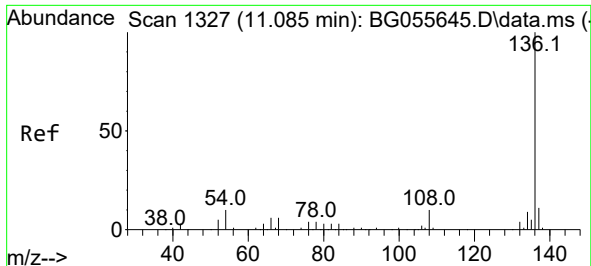
Tgt Ion: 70 Resp: 90737
Ion Ratio Lower Upper
70 100
42 69.9 55.2 82.8
101 10.3 7.1 10.7
130 20.4 16.1 24.1



#20
3+4-Methylphenols
Concen: 43.727 ng
RT: 8.985 min Scan# 969
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

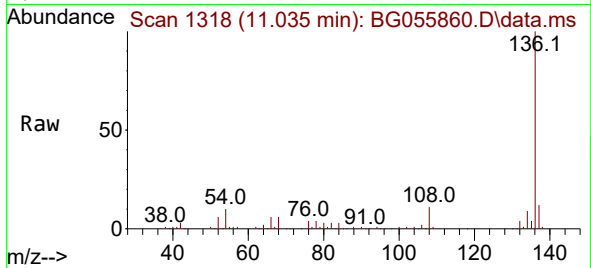
Tgt Ion: 107 Resp: 145064
Ion Ratio Lower Upper
107 100
108 88.0 65.5 105.5
77 34.7 14.6 54.6
79 29.2 9.4 49.4



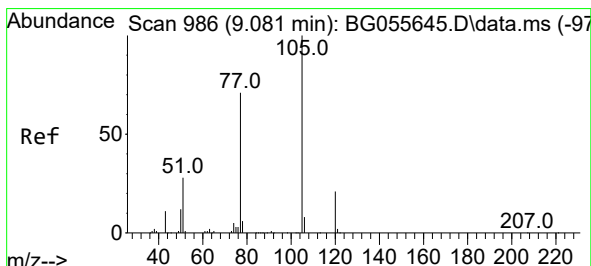
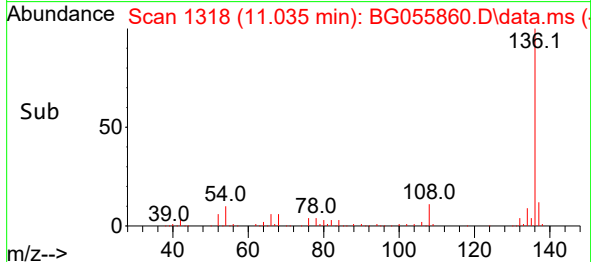
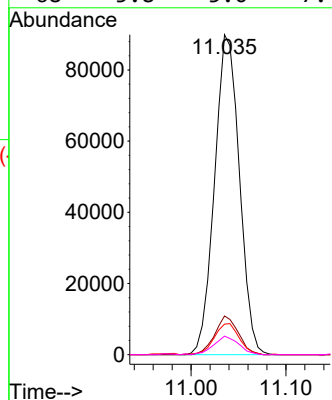


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.035 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

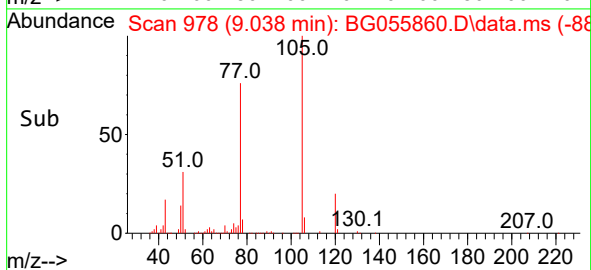
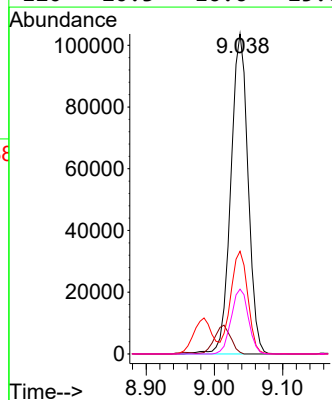
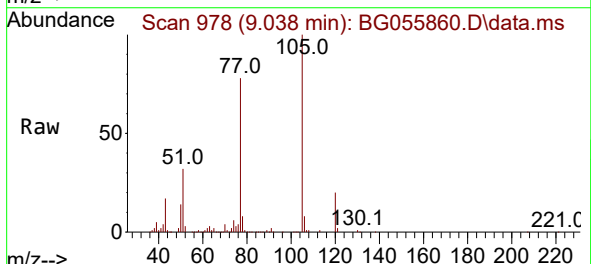


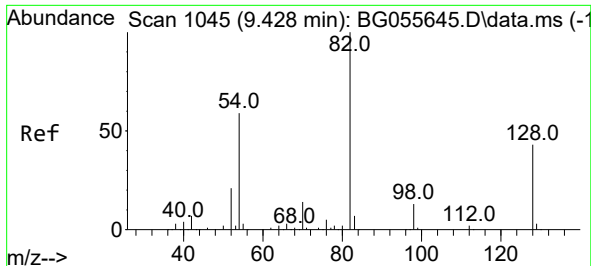
Tgt Ion:136 Resp: 163763
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 9.5 7.8 11.6
68 5.8 5.0 7.4



#22
Acetophenone
Concen: 42.775 ng
RT: 9.038 min Scan# 978
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:105 Resp: 182024
Ion Ratio Lower Upper
105 100
71 0.5 0.6 1.0#
51 32.1 24.5 36.7
120 20.3 16.6 25.0





#23

Nitrobenzene-d5

Concen: 72.640 ng

RT: 9.384 min Scan# 1044

Delta R.T. -0.002 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD

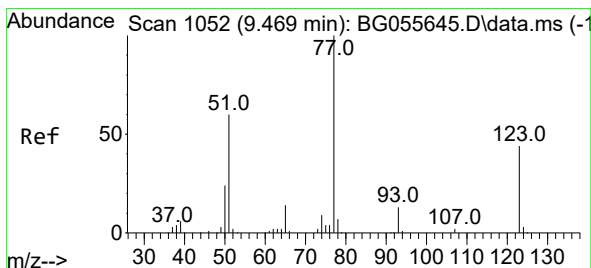
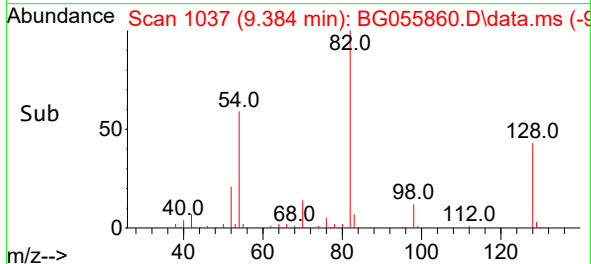
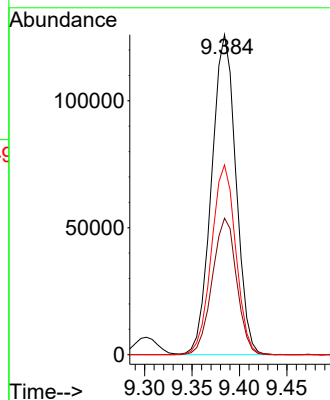
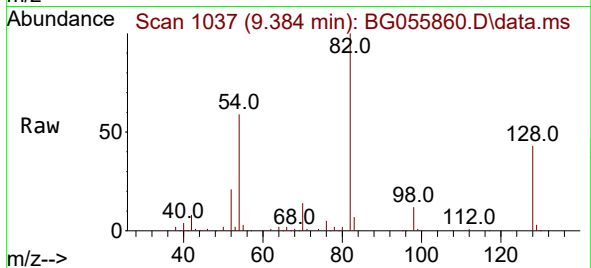
Tgt Ion: 82 Resp: 225064

Ion Ratio Lower Upper

82 100

128 42.7 34.1 51.1

54 59.3 47.3 70.9



#24

Nitrobenzene

Concen: 42.595 ng

RT: 9.425 min Scan# 1044

Delta R.T. -0.002 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

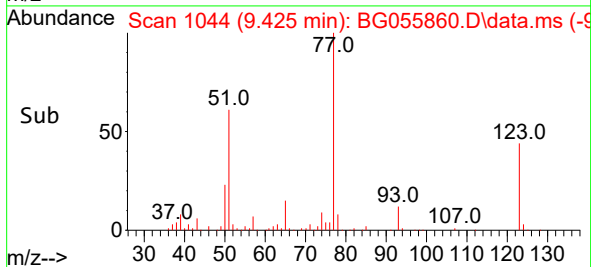
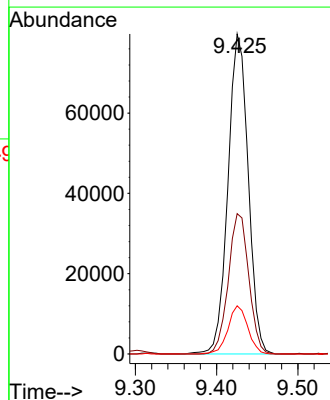
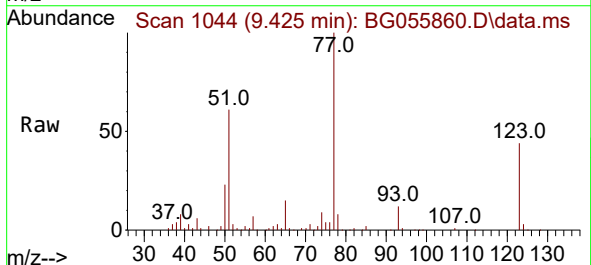
Tgt Ion: 77 Resp: 137852

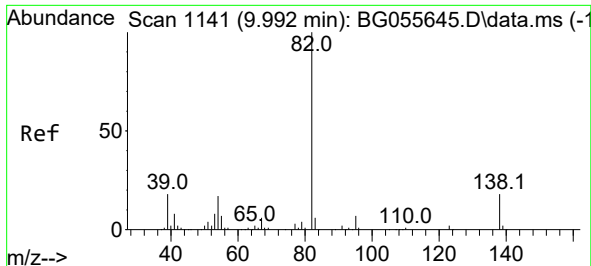
Ion Ratio Lower Upper

77 100

123 43.9 35.5 53.3

65 15.1 11.5 17.3

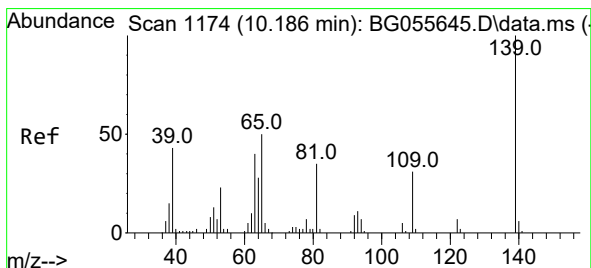
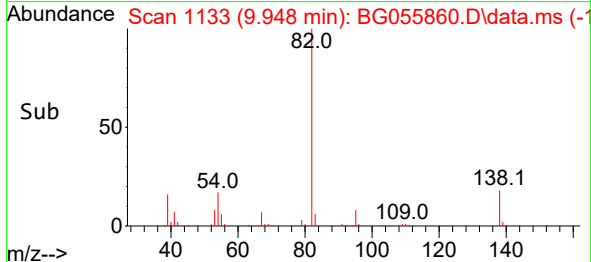
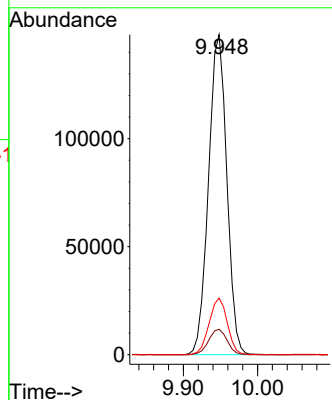
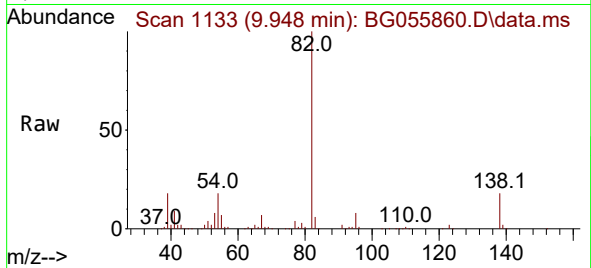




#25
Isophorone
Concen: 43.177 ng
RT: 9.948 min Scan# 1141
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

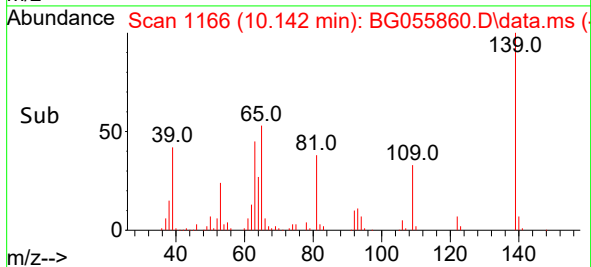
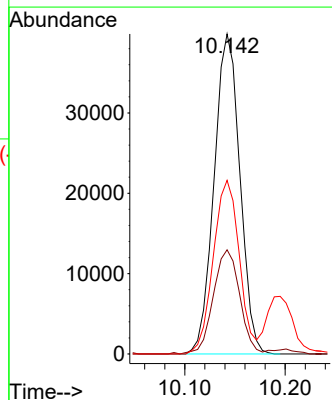
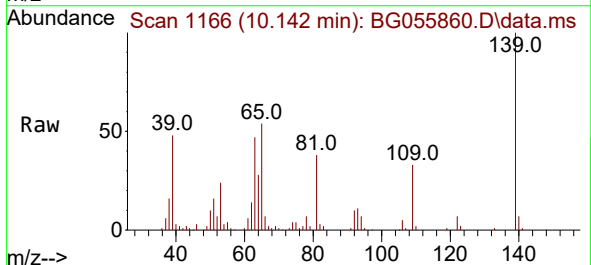
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

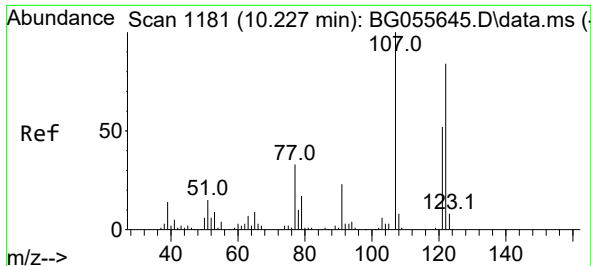
Tgt Ion: 82 Resp: 253471
Ion Ratio Lower Upper
82 100
95 8.0 5.5 8.3
138 17.6 14.2 21.4



#26
2-Nitrophenol
Concen: 47.485 ng
RT: 10.142 min Scan# 1166
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:139 Resp: 70942
Ion Ratio Lower Upper
139 100
109 32.5 24.4 36.6
65 54.2 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 49.756 ng

RT: 10.195 min Scan# 11

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD

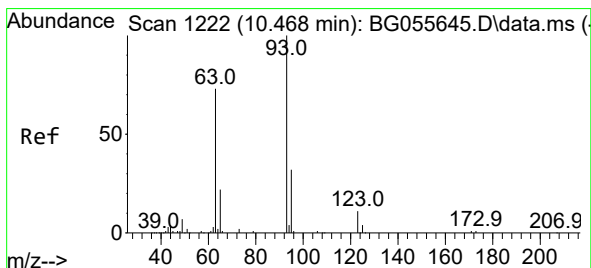
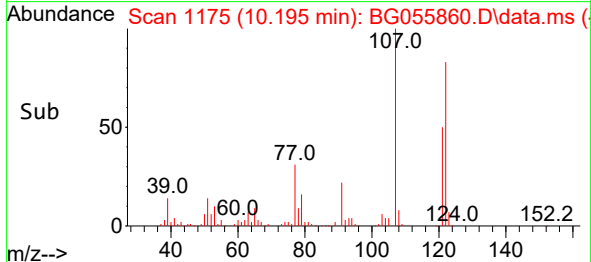
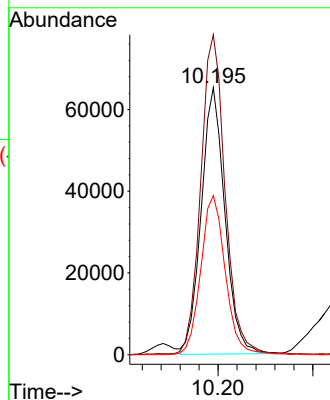
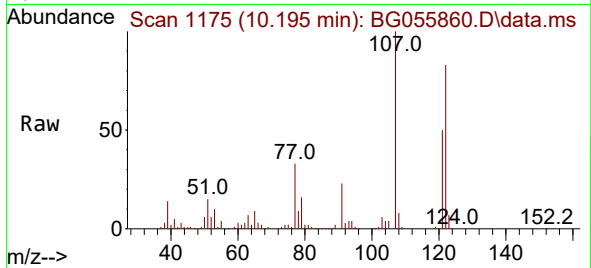
Tgt Ion:122 Resp: 113135

Ion Ratio Lower Upper

122 100

107 119.8 95.8 143.6

121 59.6 49.6 74.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.861 ng

RT: 10.424 min Scan# 1214

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

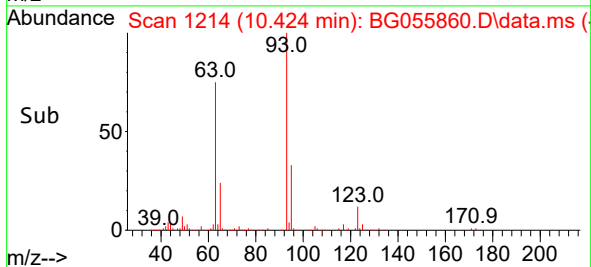
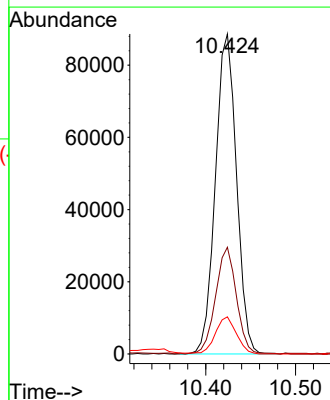
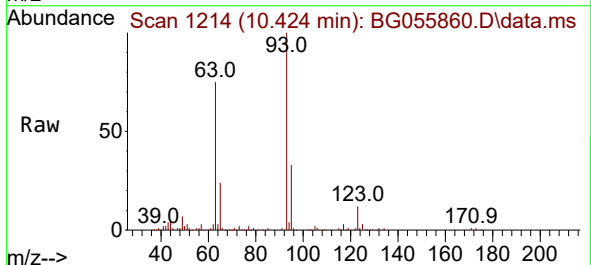
Tgt Ion: 93 Resp: 144534

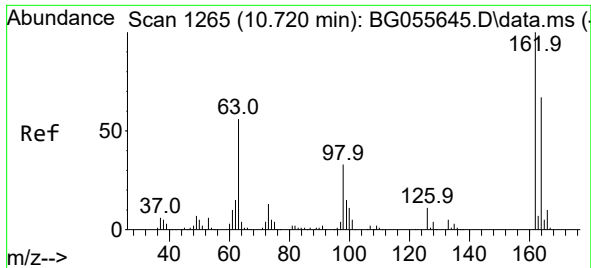
Ion Ratio Lower Upper

93 100

95 33.4 25.7 38.5

123 11.6 8.9 13.3

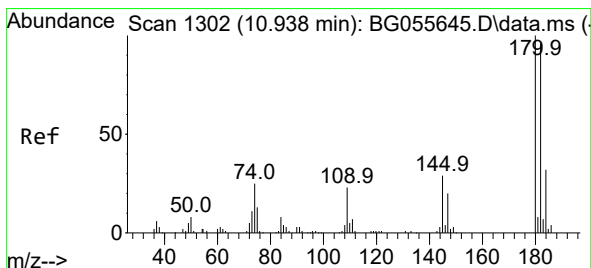
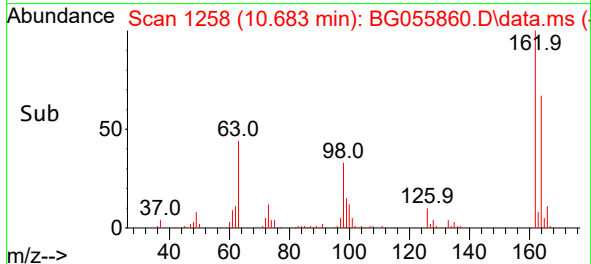
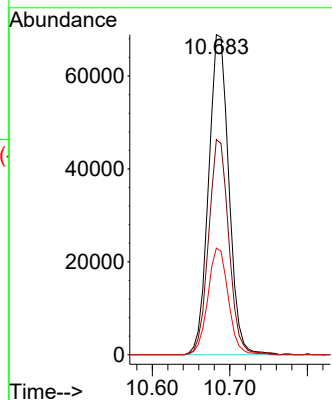
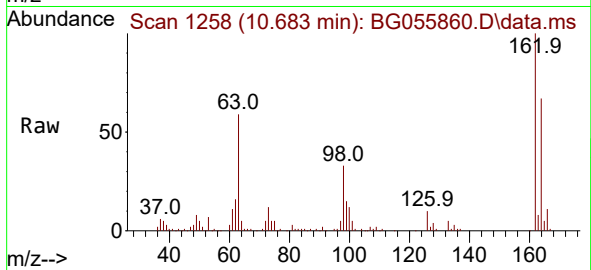




#29
2,4-Dichlorophenol
Concen: 45.977 ng
RT: 10.683 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

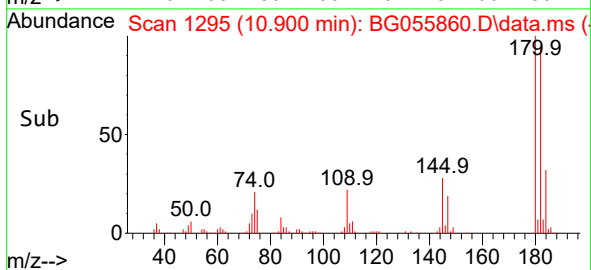
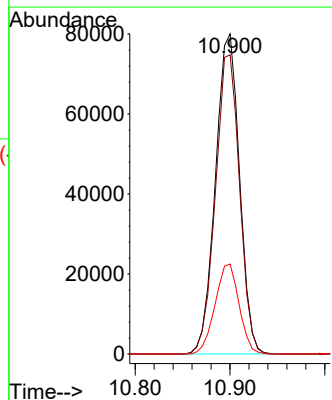
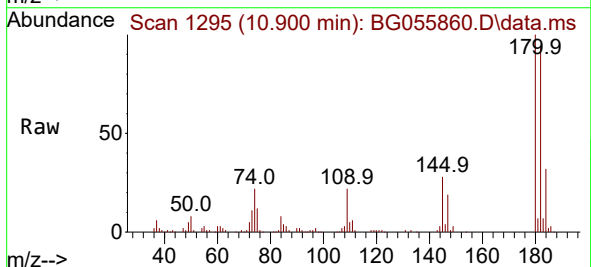
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

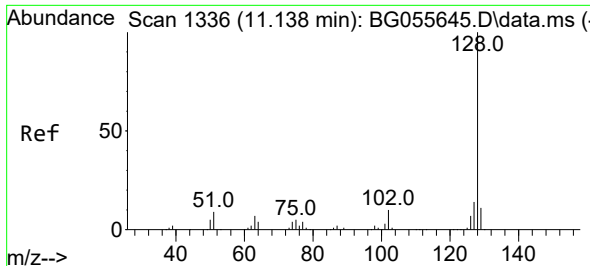
Tgt Ion:162 Resp: 125129
Ion Ratio Lower Upper
162 100
164 67.2 46.7 86.7
98 33.3 12.8 52.8



#30
1,2,4-Trichlorobenzene
Concen: 44.609 ng
RT: 10.900 min Scan# 1295
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:180 Resp: 141045
Ion Ratio Lower Upper
180 100
182 93.5 77.1 115.7
145 28.1 22.9 34.3

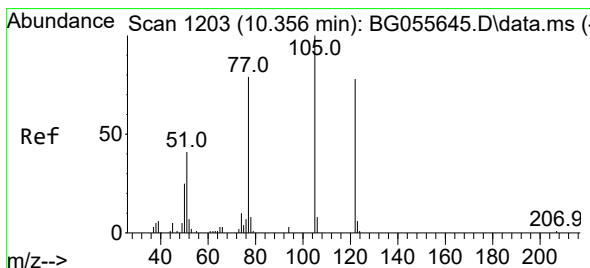
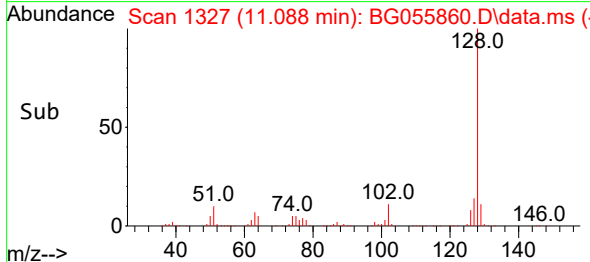
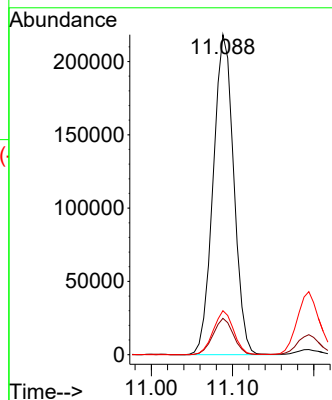
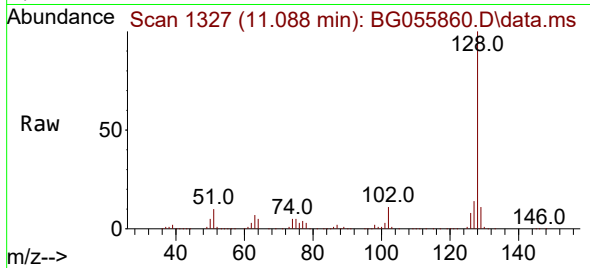




#31
Naphthalene
Concen: 43.451 ng
RT: 11.088 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

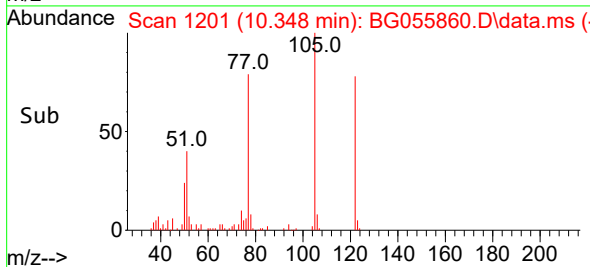
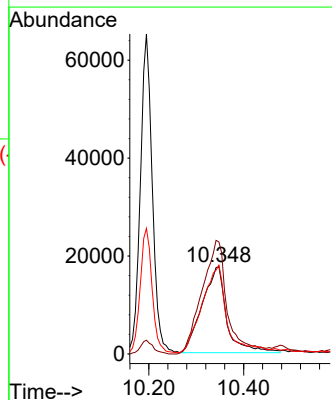
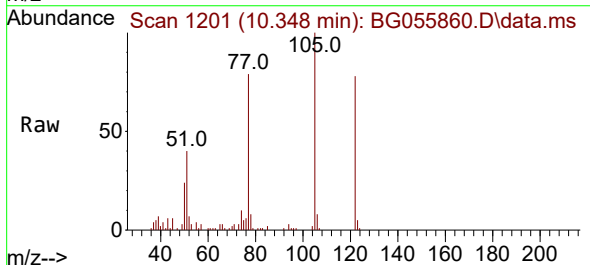
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

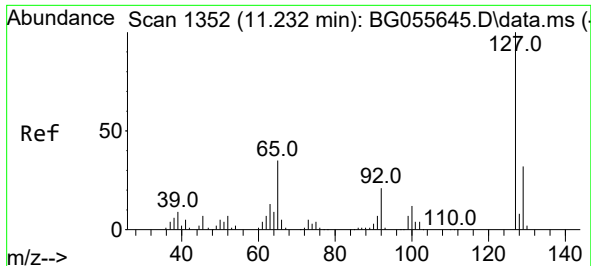
Tgt Ion:128 Resp: 384664
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 33.813 ng
RT: 10.348 min Scan# 1201
Delta R.T. 0.015 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:122 Resp: 63254
Ion Ratio Lower Upper
122 100
105 128.3 104.3 144.3
77 101.7 79.9 119.9

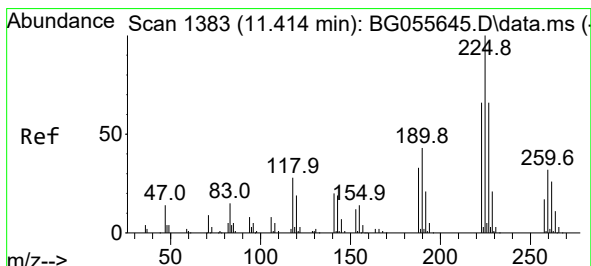
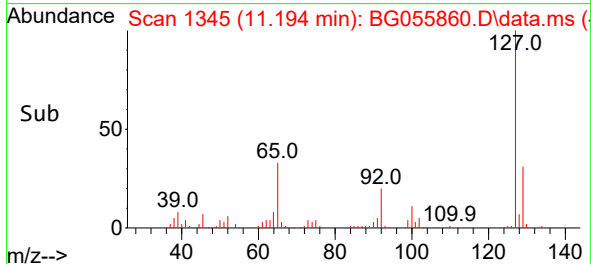
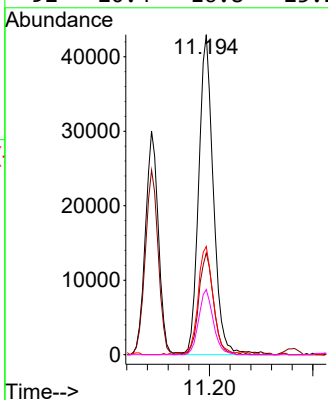
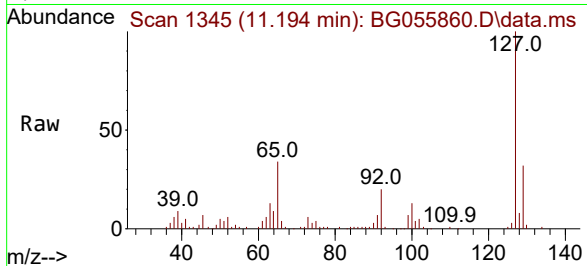




#33
4-Chloroaniline
Concen: 23.195 ng
RT: 11.194 min Scan# 111
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

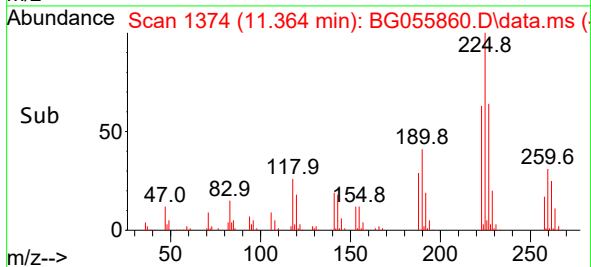
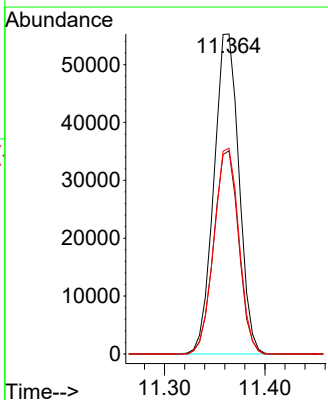
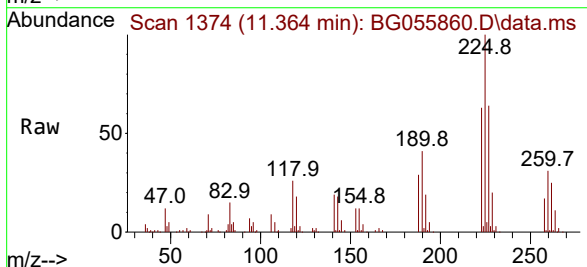
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

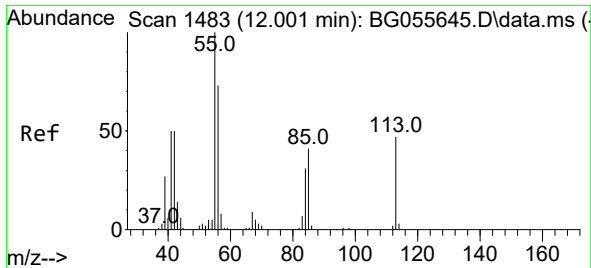
Tgt Ion:127	Resp:	84706
Ion Ratio	Lower	Upper
127	100	
129	31.8	25.9 38.9
65	33.8	27.9 41.9
92	20.4	16.8 25.2



#34
Hexachlorobutadiene
Concen: 44.297 ng
RT: 11.364 min Scan# 1374
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:225	Resp:	95637
Ion Ratio	Lower	Upper
225	100	
223	63.5	52.9 79.3
227	64.3	52.6 79.0

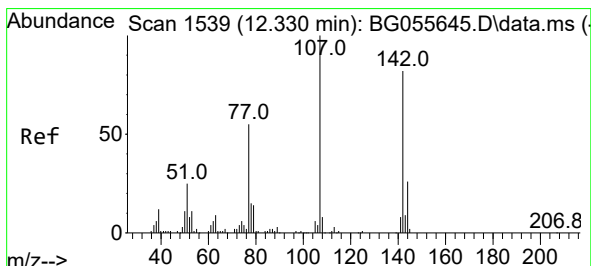
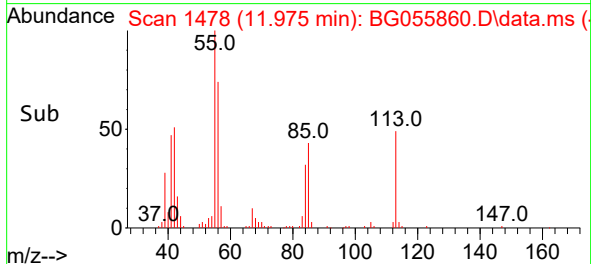
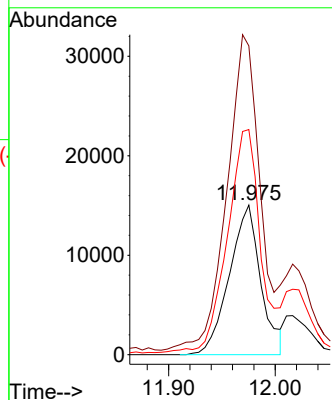
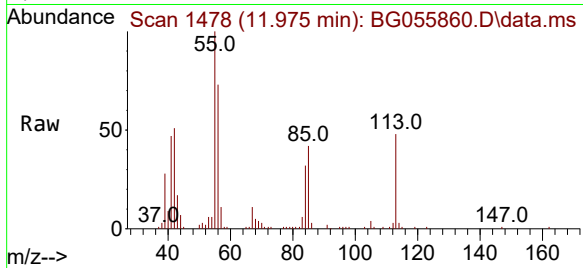




#35
 Caprolactam
 Concen: 32.619 ng
 RT: 11.975 min Scan# 1483
 Delta R.T. 0.004 min
 Lab File: BG055860.D
 Acq: 1 Dec 2022 18:00

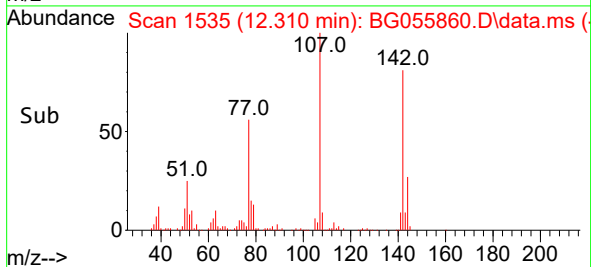
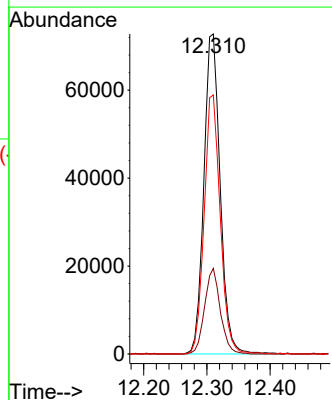
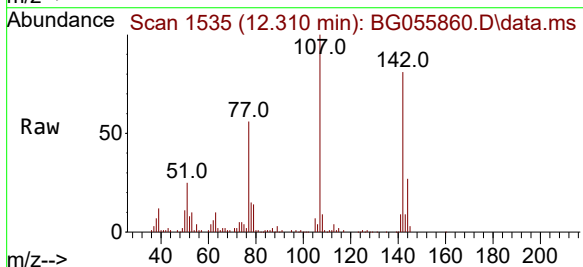
Instrument :
 BNA_G
 ClientSampleId :
 OE-2-113022MSD

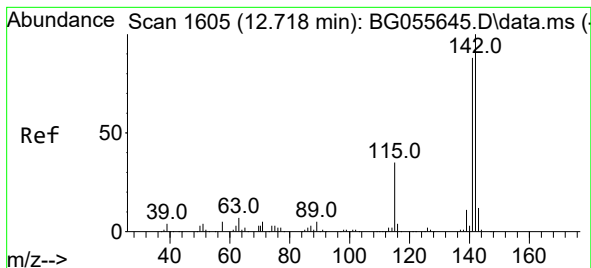
Tgt Ion:113 Resp: 30720
 Ion Ratio Lower Upper
 113 100
 55 206.3 193.5 233.5
 56 150.5 135.2 175.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.590 ng
 RT: 12.310 min Scan# 1535
 Delta R.T. 0.004 min
 Lab File: BG055860.D
 Acq: 1 Dec 2022 18:00

Tgt Ion:107 Resp: 130387
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.0 31.4
 142 80.9 65.9 98.9

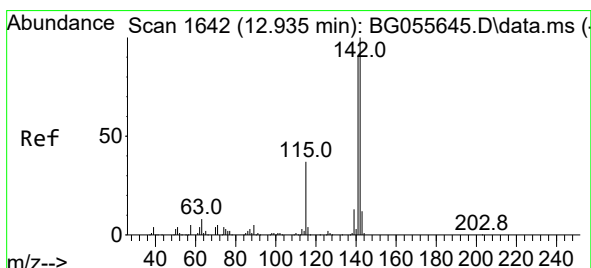
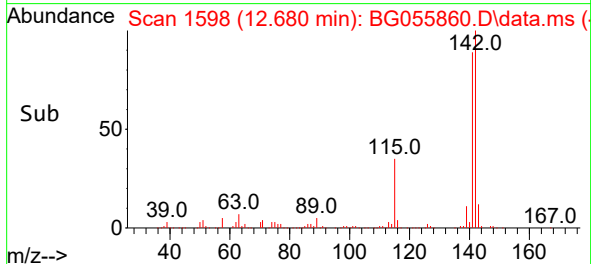
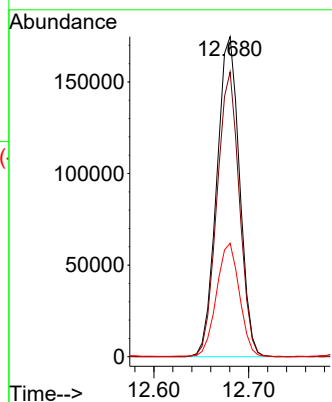
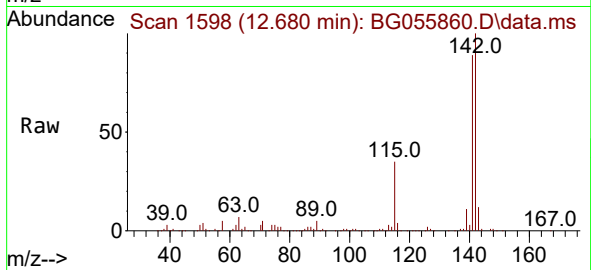




#37
2-Methylnaphthalene
Concen: 43.985 ng
RT: 12.680 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

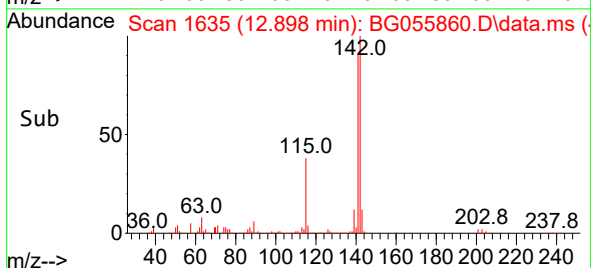
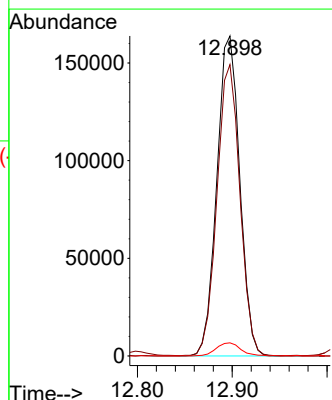
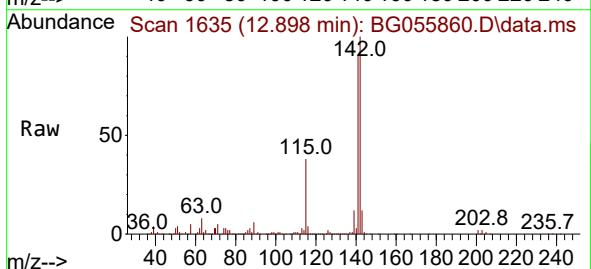
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

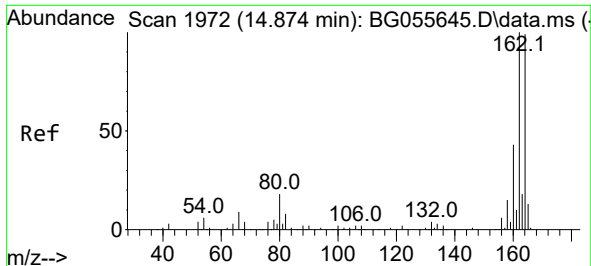
Tgt Ion:142 Resp: 291556
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5
115 35.5 27.9 41.9



#38
1-Methylnaphthalene
Concen: 42.795 ng
RT: 12.898 min Scan# 1635
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:142 Resp: 275379
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4
116 4.1 3.1 4.7

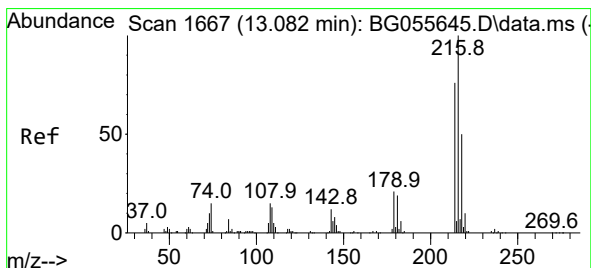
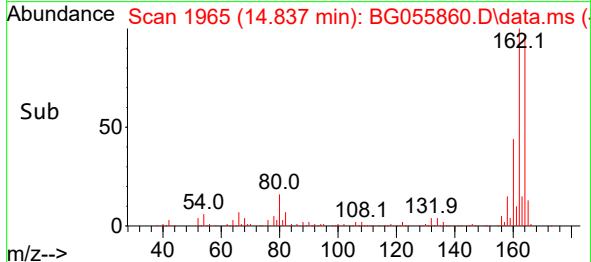
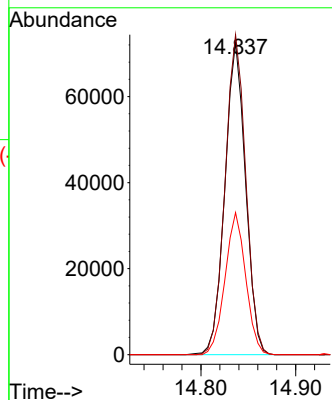
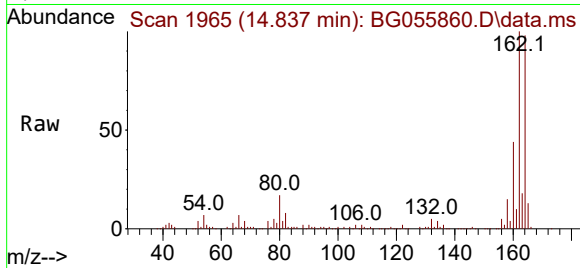




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.837 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

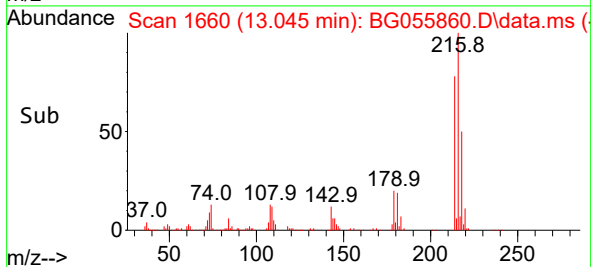
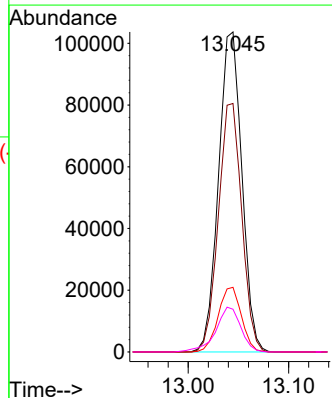
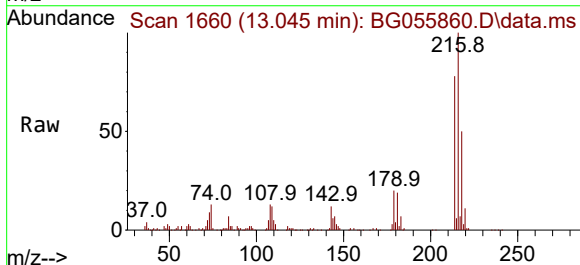
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

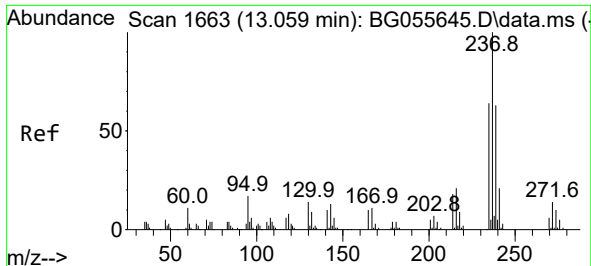
Tgt Ion:164 Resp: 109958
Ion Ratio Lower Upper
164 100
162 102.4 81.1 121.7
160 45.4 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.400 ng
RT: 13.045 min Scan# 1660
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

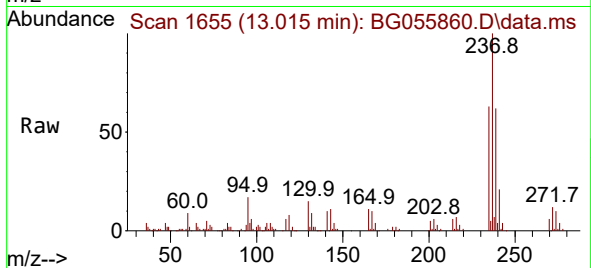
Tgt Ion:216 Resp: 167245
Ion Ratio Lower Upper
216 100
214 77.7 62.1 93.1
179 20.1 16.5 24.7
108 15.1 12.6 18.8



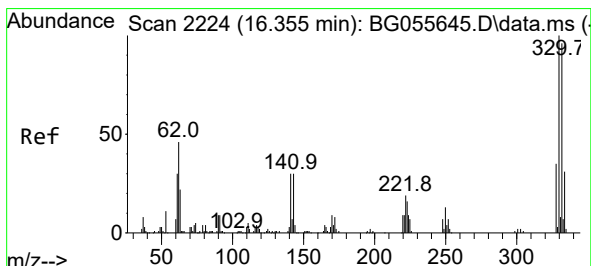
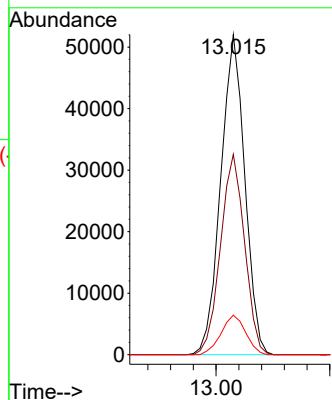
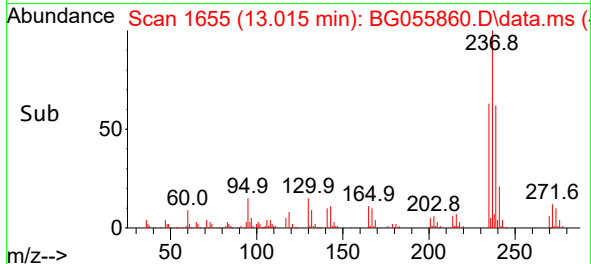


#41
Hexachlorocyclopentadiene
Concen: 43.826 ng
RT: 13.015 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

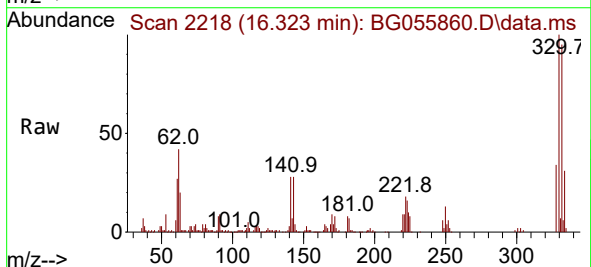
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD



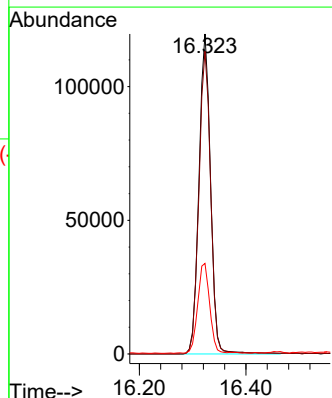
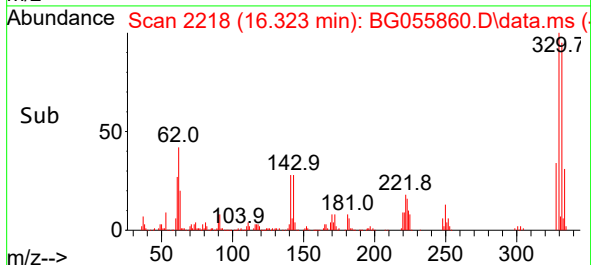
Tgt Ion:237 Resp: 76326
Ion Ratio Lower Upper
237 100
235 62.6 43.7 83.7
272 12.3 0.0 33.6

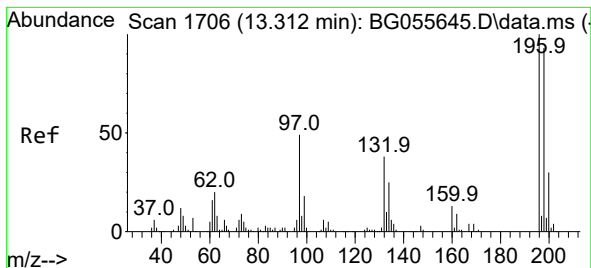


#42
2,4,6-Tribromophenol
Concen: 116.660 ng
RT: 16.323 min Scan# 2218
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00



Tgt Ion:330 Resp: 180630
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.8
141 28.9 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 45.834 ng

RT: 13.280 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD

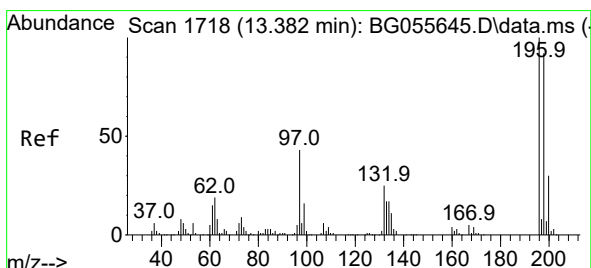
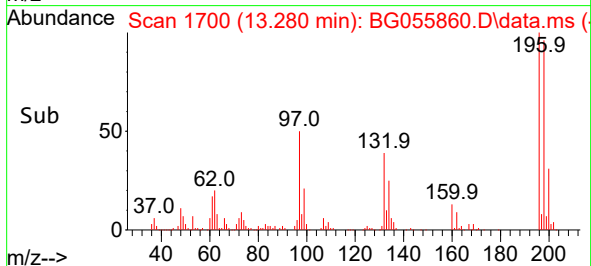
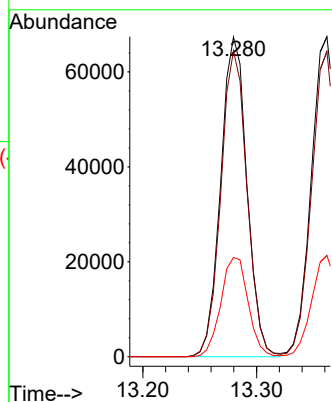
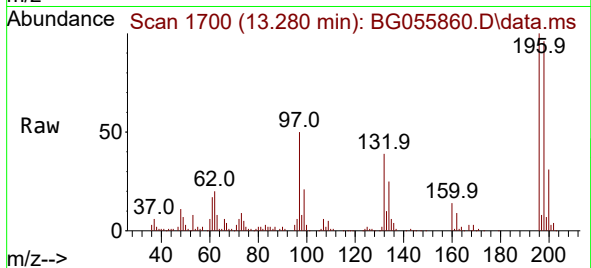
Tgt Ion:196 Resp: 108036

Ion Ratio Lower Upper

196 100

198 95.7 74.6 112.0

200 31.1 23.7 35.5



#44

2,4,5-Trichlorophenol

Concen: 44.702 ng

RT: 13.362 min Scan# 1714

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

Tgt Ion:196 Resp: 115792

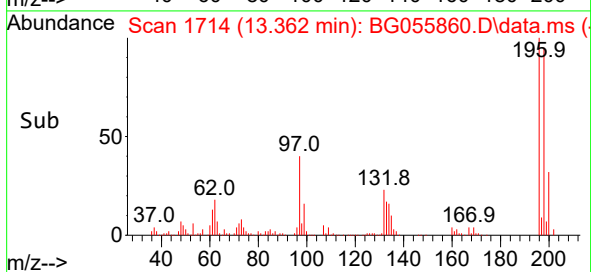
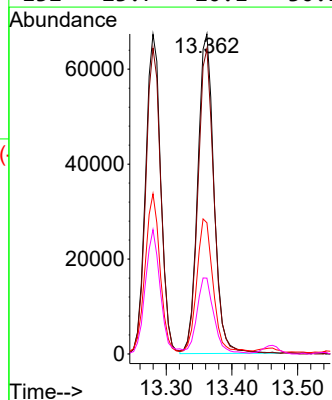
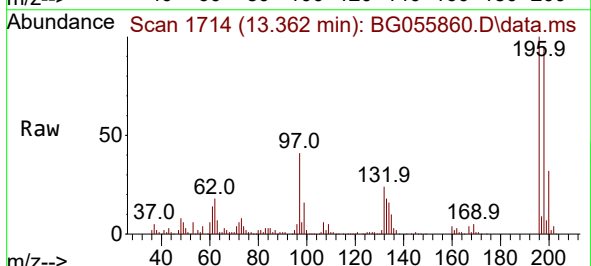
Ion Ratio Lower Upper

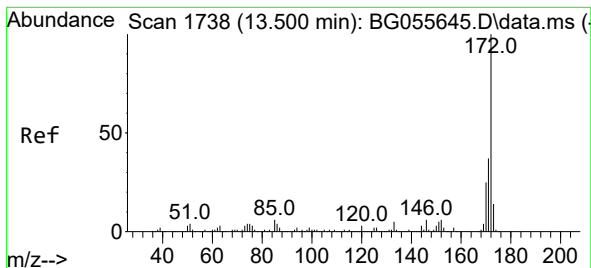
196 100

198 95.4 74.1 111.1

97 41.0 34.8 52.2

132 23.7 20.1 30.1

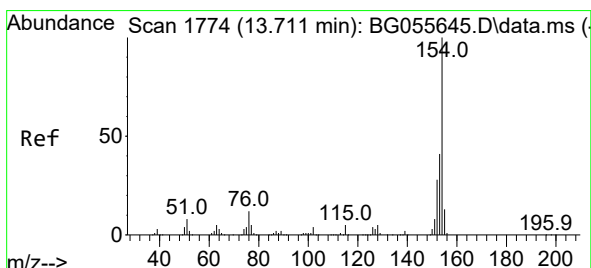
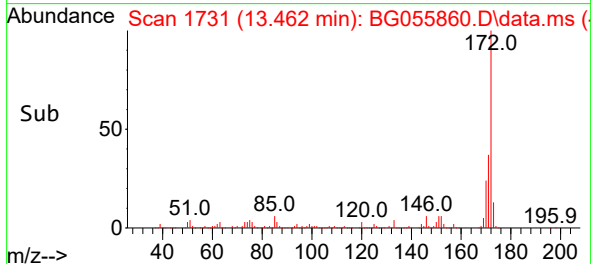
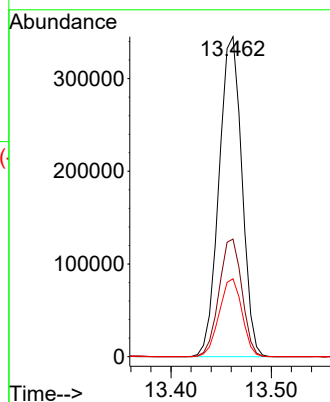
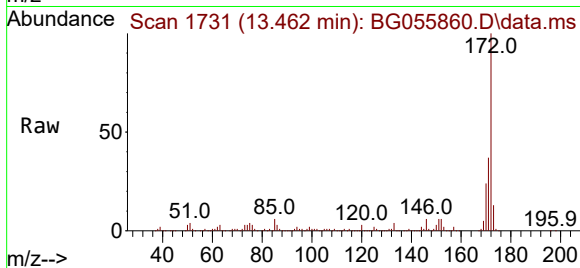




#45
2-Fluorobiphenyl
Concen: 74.470 ng
RT: 13.462 min Scan# 1767
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

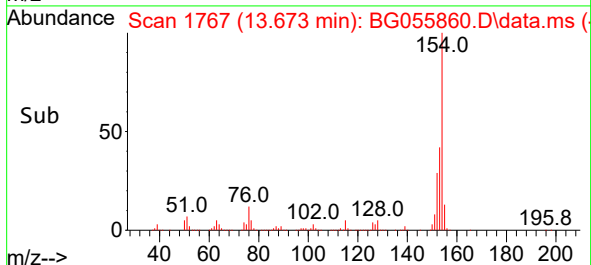
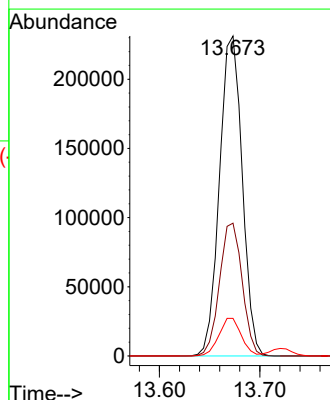
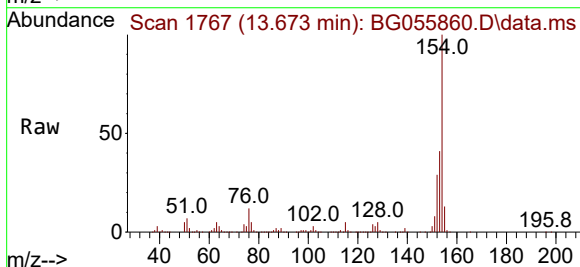
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

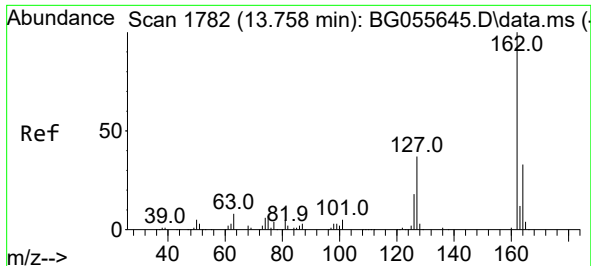
Tgt Ion:172 Resp: 546585
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.4 20.2 30.4



#46
1,1'-Biphenyl
Concen: 45.354 ng
RT: 13.673 min Scan# 1767
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:154 Resp: 363414
Ion Ratio Lower Upper
154 100
153 41.5 20.6 60.6
76 11.8 0.0 32.4

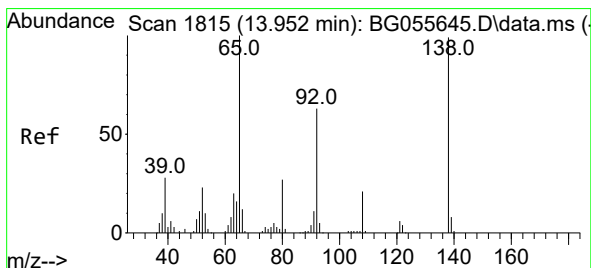
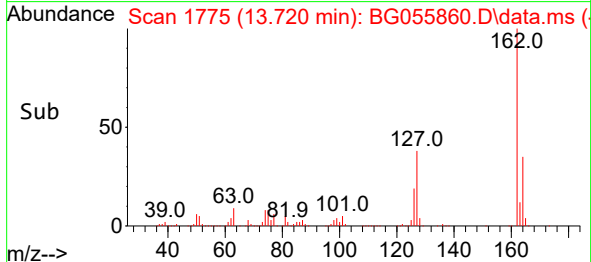
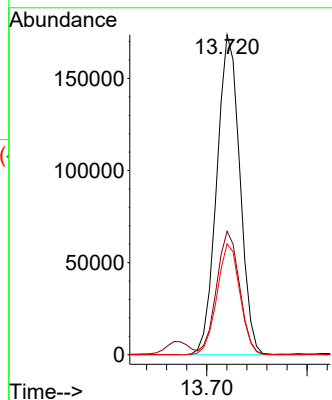
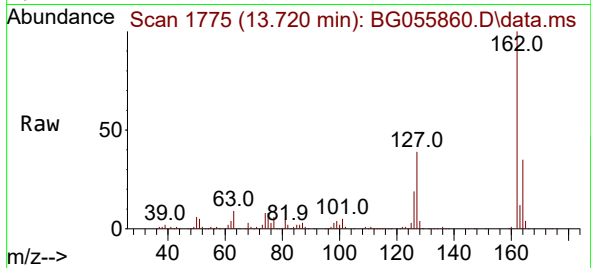




#47
2-Chloronaphthalene
Concen: 44.488 ng
RT: 13.720 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

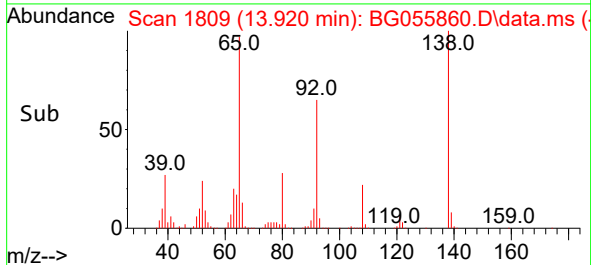
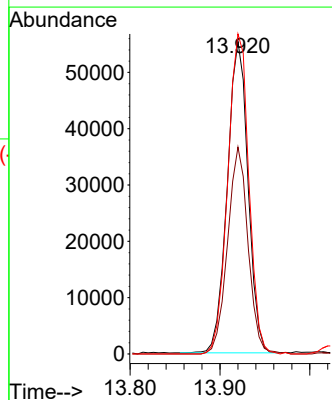
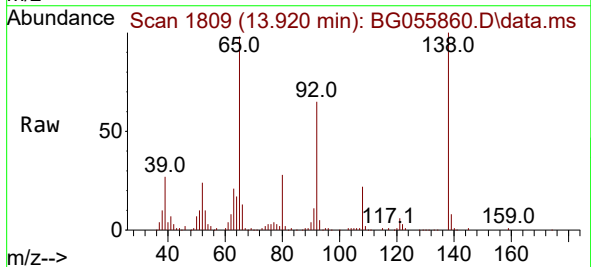
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

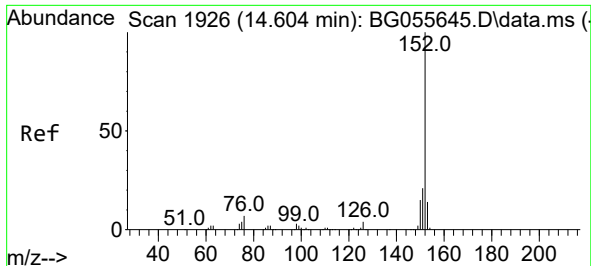
Tgt Ion:162 Resp: 277076
Ion Ratio Lower Upper
162 100
127 38.5 29.9 44.9
164 34.6 26.4 39.6



#48
2-Nitroaniline
Concen: 43.259 ng
RT: 13.920 min Scan# 1809
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion: 65 Resp: 88580
Ion Ratio Lower Upper
65 100
92 66.2 50.1 75.1
138 102.4 79.4 119.0

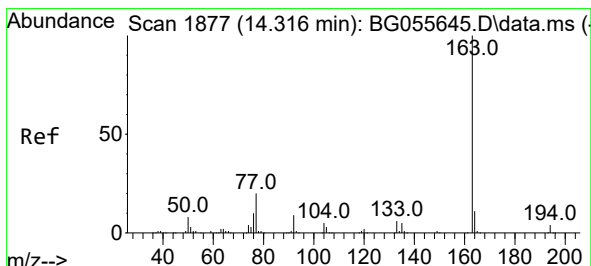
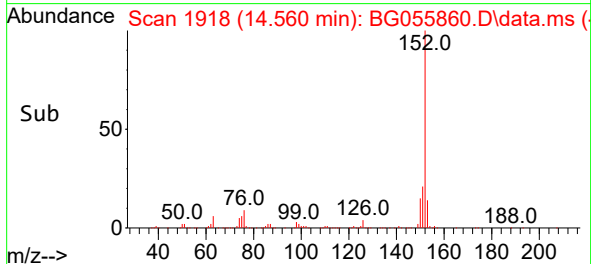
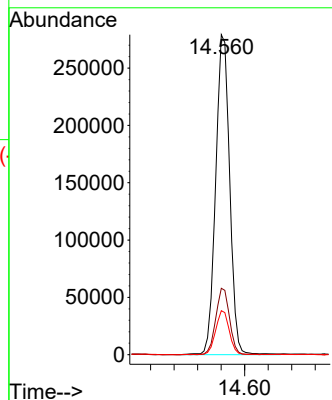
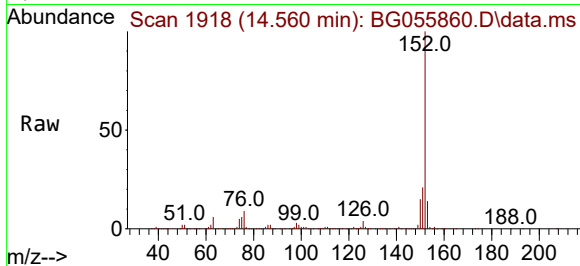




#49
Acenaphthylene
Concen: 44.928 ng
RT: 14.560 min Scan# 1926
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

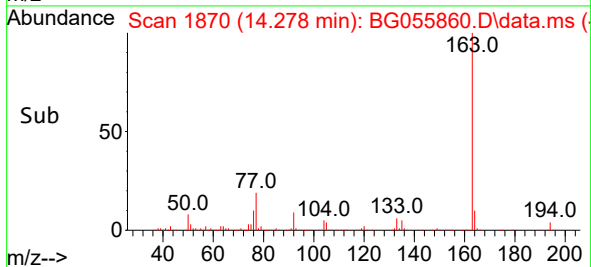
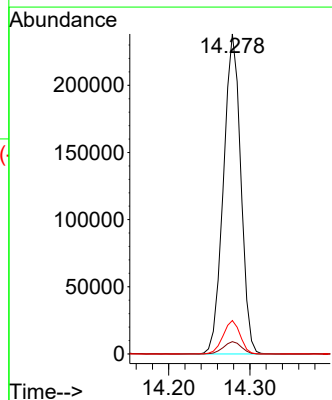
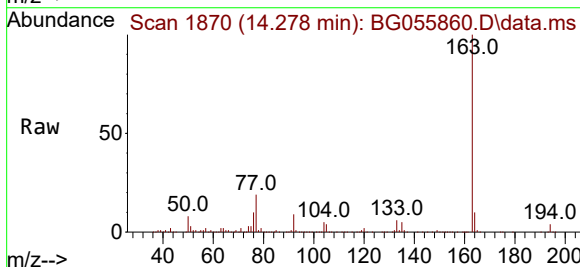
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

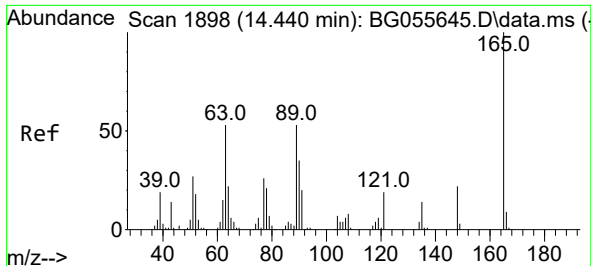
Tgt Ion:152 Resp: 460780
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.7 11.0 16.4



#50
Dimethylphthalate
Concen: 40.327 ng
RT: 14.278 min Scan# 1870
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:163 Resp: 353480
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.5 8.6 12.8

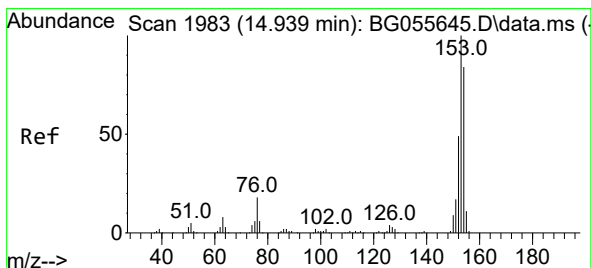
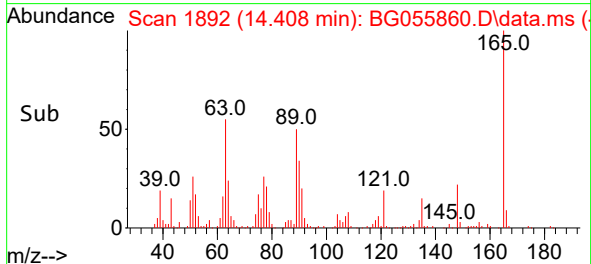
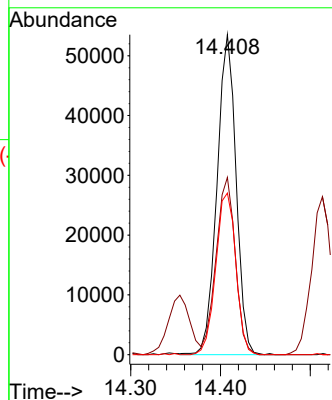
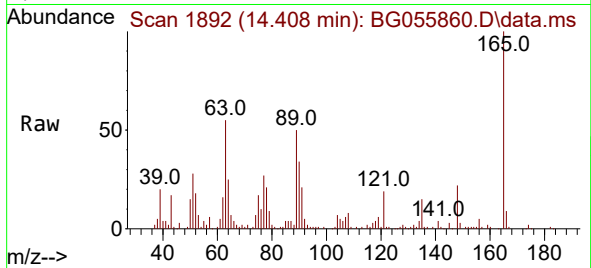




#51
2,6-Dinitrotoluene
Concen: 43.993 ng
RT: 14.408 min Scan# 1776
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

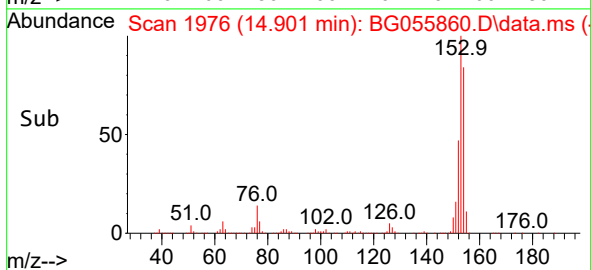
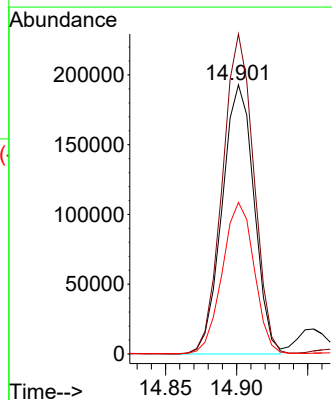
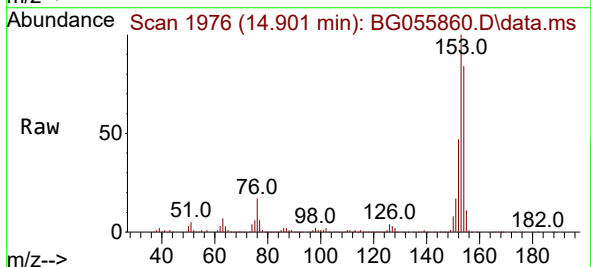
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

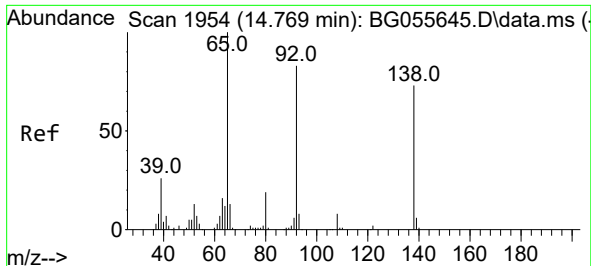
Tgt Ion:165 Resp: 78847
Ion Ratio Lower Upper
165 100
63 55.4 44.6 66.8
89 50.5 42.2 63.4



#52
Acenaphthene
Concen: 45.114 ng
RT: 14.901 min Scan# 1976
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:154 Resp: 302392
Ion Ratio Lower Upper
154 100
153 118.9 95.0 142.4
152 56.3 46.1 69.1

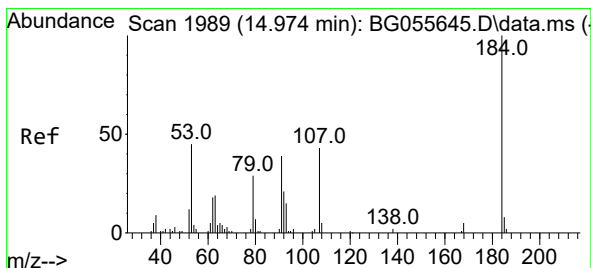
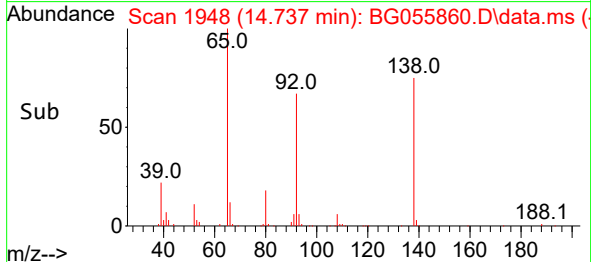
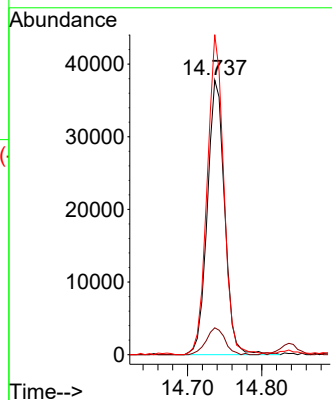
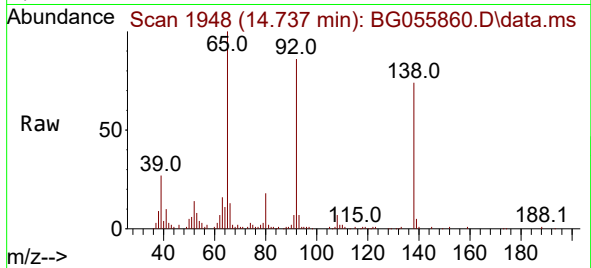




#53
3-Nitroaniline
Concen: 31.187 ng
RT: 14.737 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

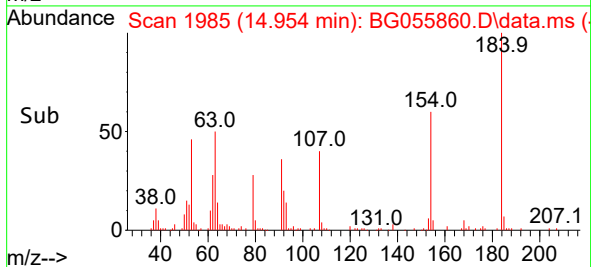
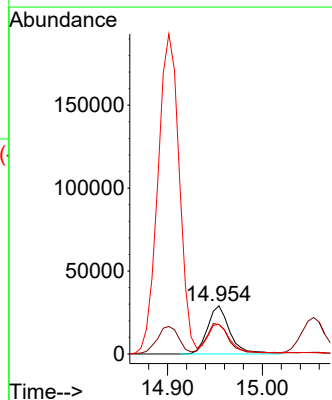
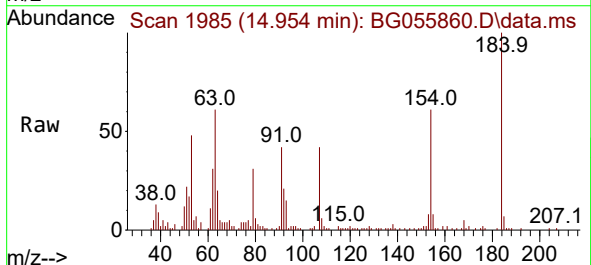
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

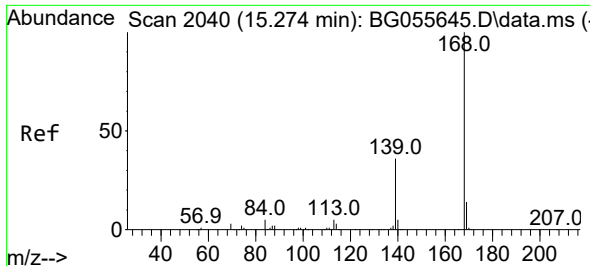
Tgt Ion:138 Resp: 61359
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 116.5 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 45.861 ng
RT: 14.954 min Scan# 1985
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:184 Resp: 47259
Ion Ratio Lower Upper
184 100
63 61.2 49.5 74.3
154 61.5 52.0 78.0

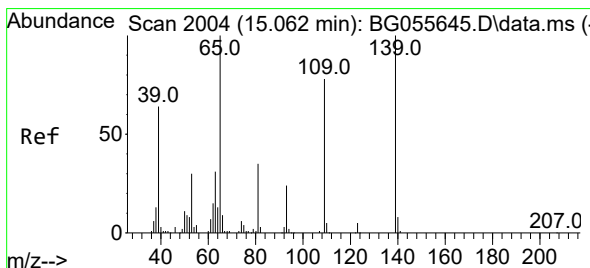
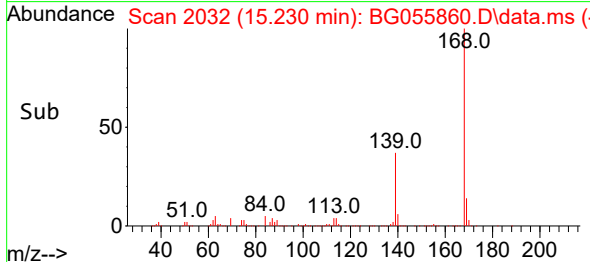
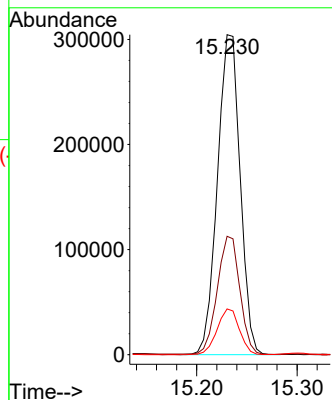
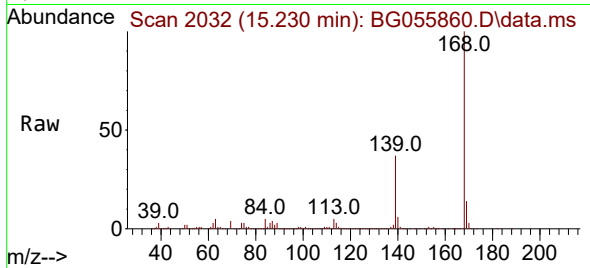




#55
Dibenzofuran
Concen: 46.242 ng
RT: 15.230 min Scan# 2040
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

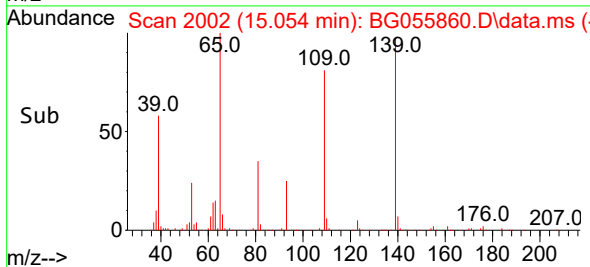
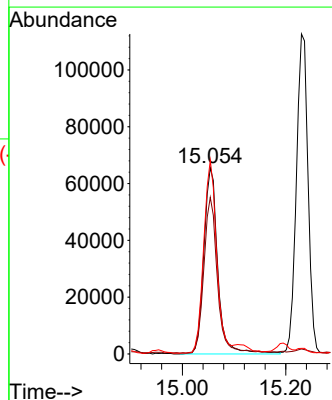
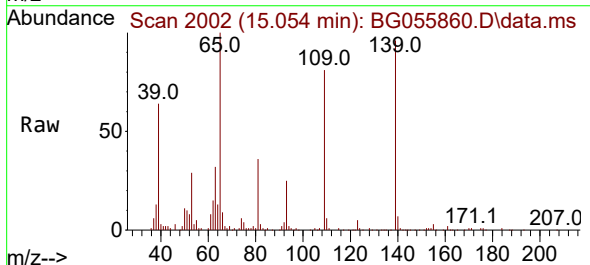
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

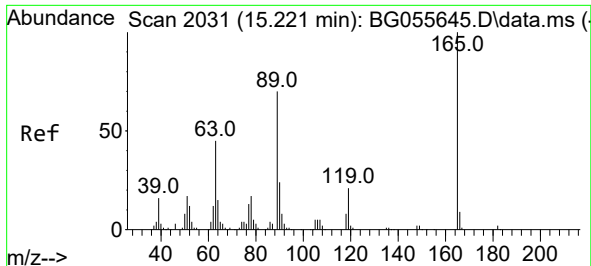
Tgt Ion:168 Resp: 478158
Ion Ratio Lower Upper
168 100
139 37.0 28.8 43.2
169 14.3 11.0 16.4



#56
4-Nitrophenol
Concen: 79.280 ng
RT: 15.054 min Scan# 2002
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:139 Resp: 122422
Ion Ratio Lower Upper
139 100
109 84.1 58.6 98.6
65 104.1 80.5 120.5





#57

2,4-Dinitrotoluene

Concen: 43.152 ng

RT: 15.195 min Scan# 2031

Delta R.T. -0.002 min

Lab File: BG055860.D

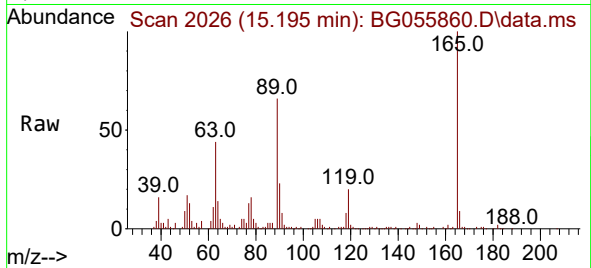
Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD



Tgt Ion:165 Resp: 109041

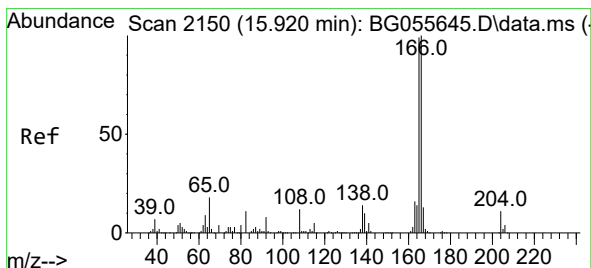
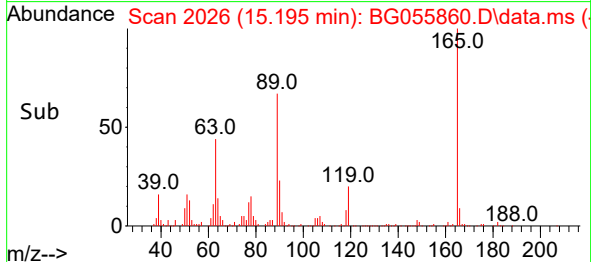
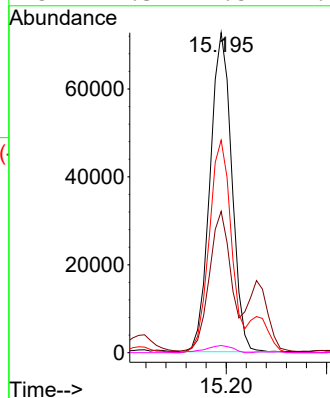
Ion Ratio Lower Upper

165 100

63 44.1 35.8 53.8

89 66.4 56.2 84.4

182 2.3 1.8 2.8



#58

Fluorene

Concen: 52.005 ng

RT: 15.882 min Scan# 2143

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

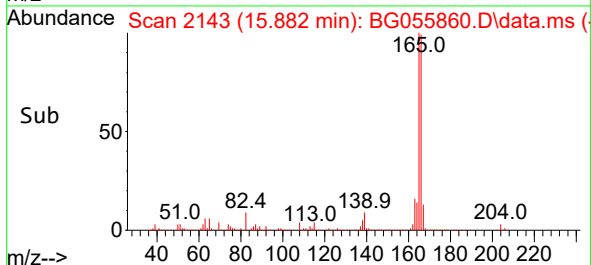
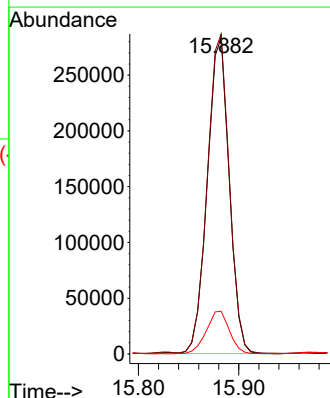
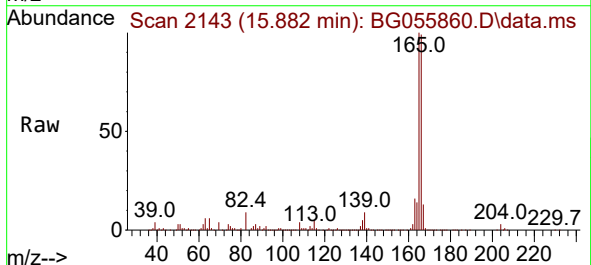
Tgt Ion:166 Resp: 429502

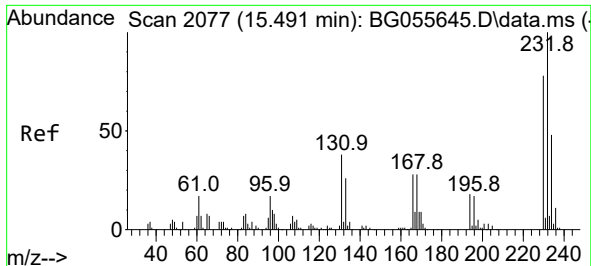
Ion Ratio Lower Upper

166 100

165 101.1 79.3 118.9

167 13.5 10.6 15.8

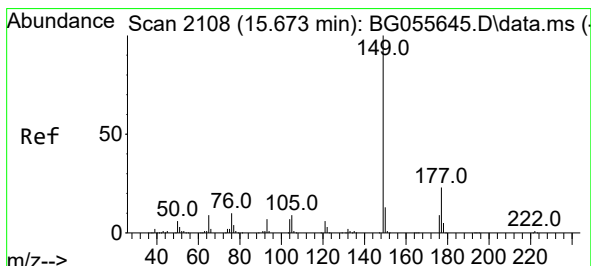
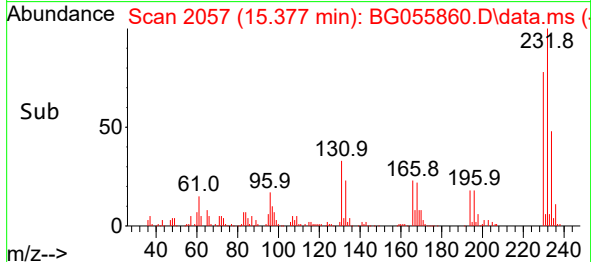
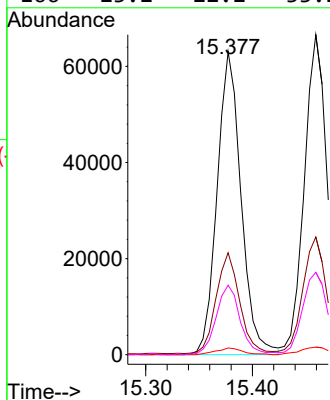
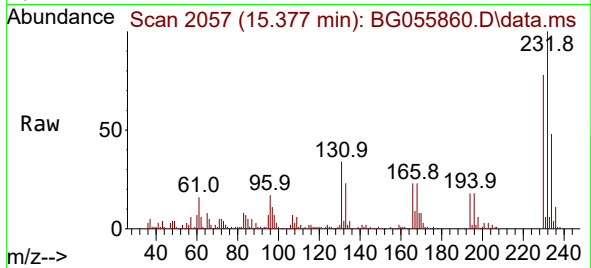




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.189 ng
RT: 15.377 min Scan# 2077
Delta R.T. -0.084 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

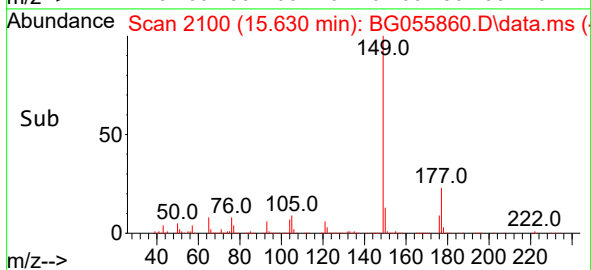
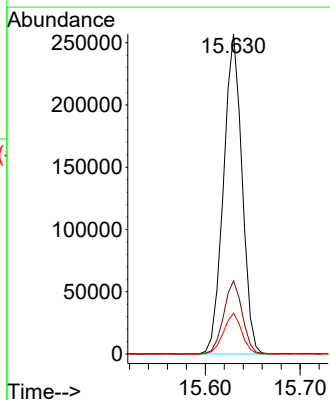
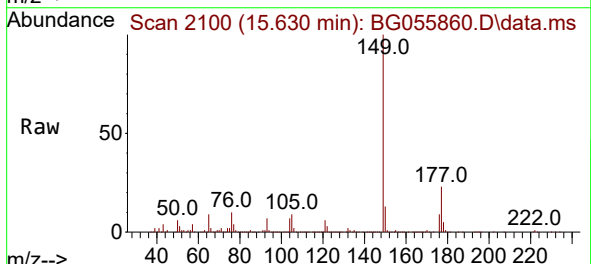
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

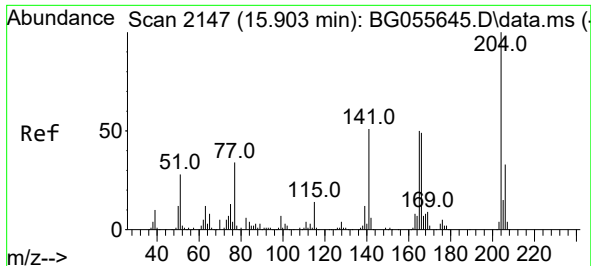
Tgt Ion:232 Resp: 98361
Ion Ratio Lower Upper
232 100
131 32.4 29.8 44.8
130 2.4 1.7 2.5
166 23.2 22.2 33.2



#60
Diethylphthalate
Concen: 39.350 ng
RT: 15.630 min Scan# 2100
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:149 Resp: 348726
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.8 10.0 15.0

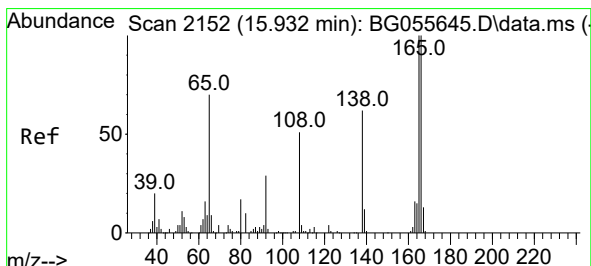
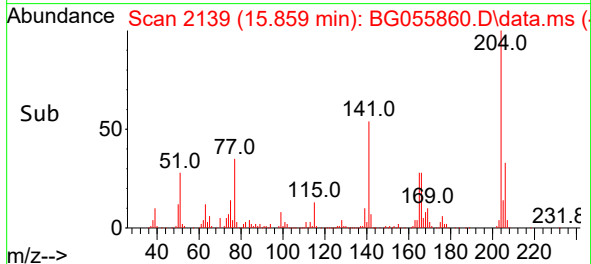
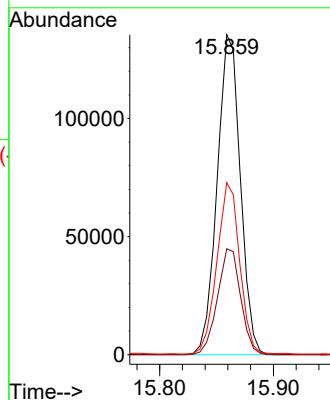
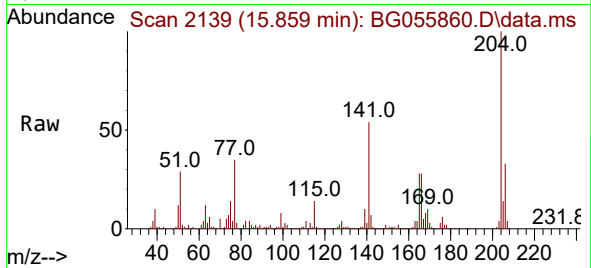




#61
4-Chlorophenyl-phenylether
Concen: 42.271 ng
RT: 15.859 min Scan# 2139
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

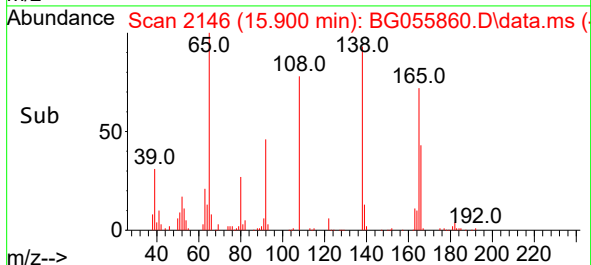
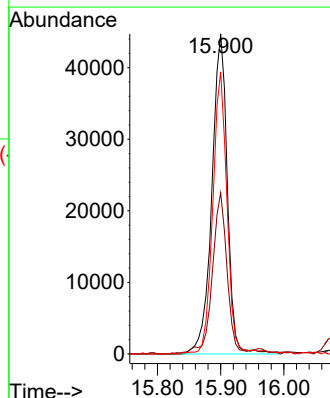
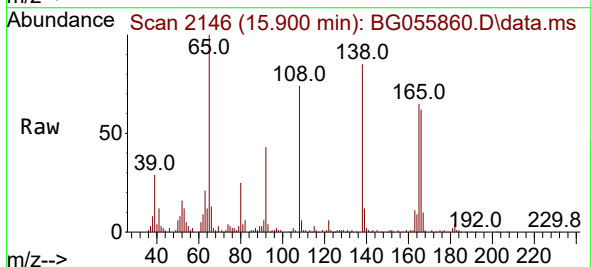
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

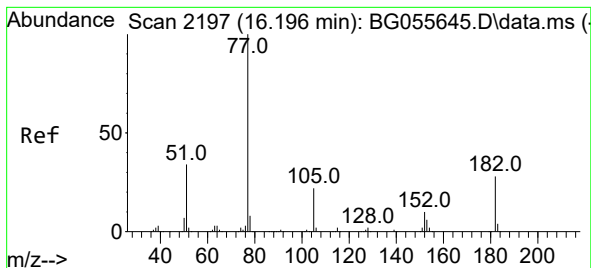
Tgt Ion:204 Resp: 191905
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 53.7 40.6 61.0



#62
4-Nitroaniline
Concen: 37.024 ng
RT: 15.900 min Scan# 2146
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:138 Resp: 76145
Ion Ratio Lower Upper
138 100
92 50.4 27.3 67.3
108 88.2 62.8 102.8





#63

Azobenzene

Concen: 41.905 ng

RT: 16.153 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG055860.D

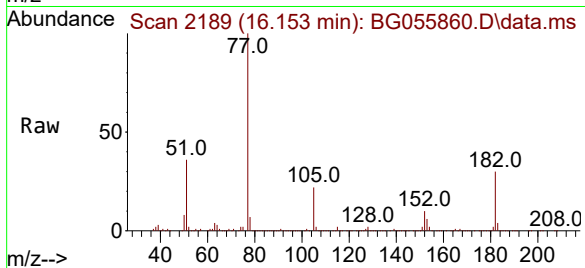
Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD



Tgt Ion: 77 Resp: 324213

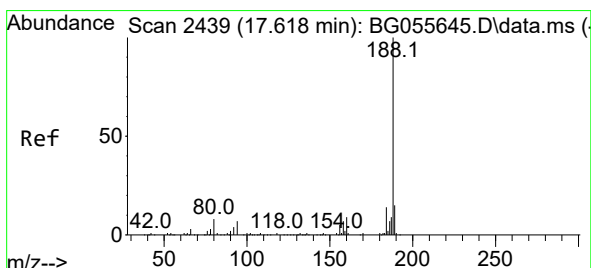
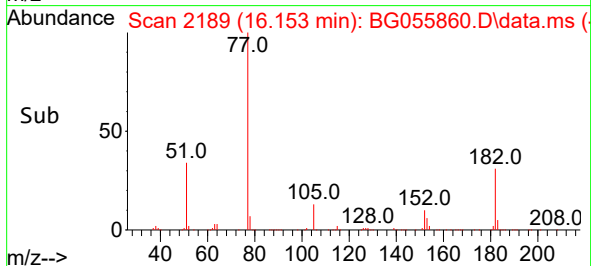
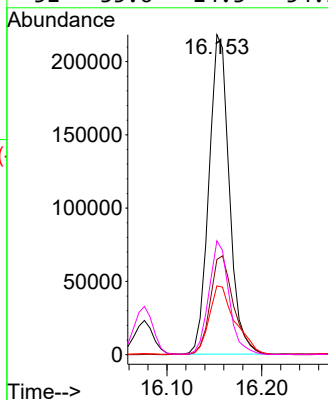
Ion Ratio Lower Upper

77 100

182 29.7 8.1 48.1

105 21.5 1.8 41.8

51 35.6 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.580 min Scan# 2432

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

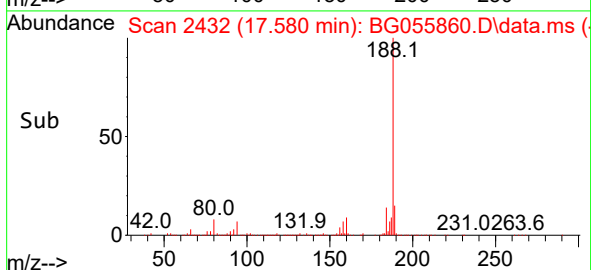
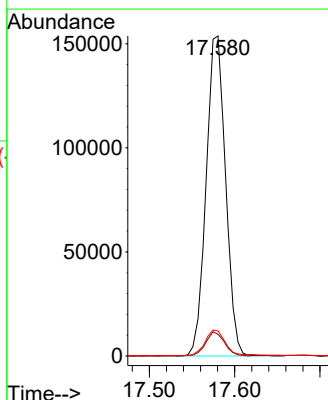
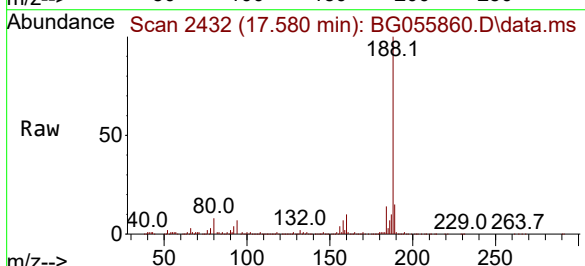
Tgt Ion:188 Resp: 243388

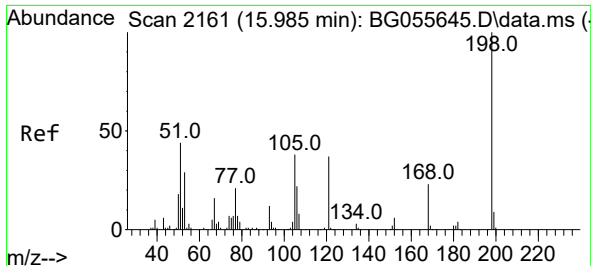
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 7.8 6.6 10.0

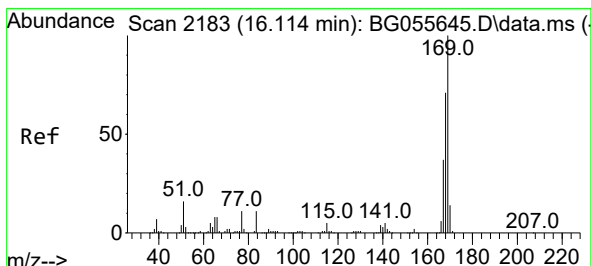
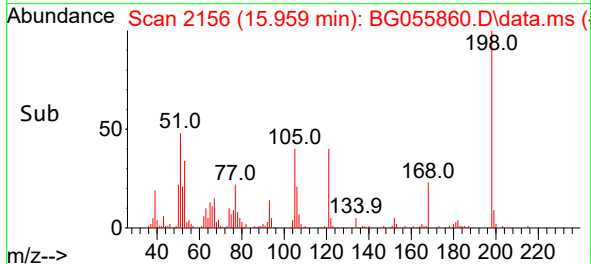
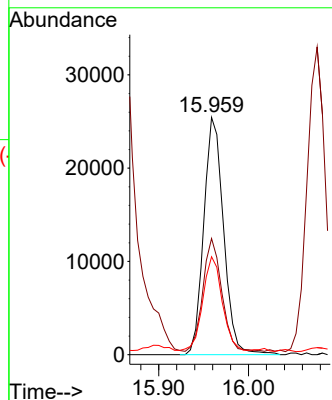
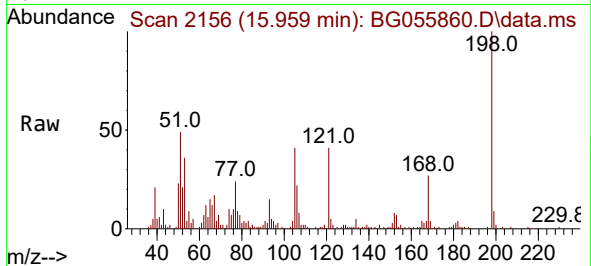




#65
4,6-Dinitro-2-methylphenol
Concen: 28.714 ng
RT: 15.959 min Scan# 2161
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

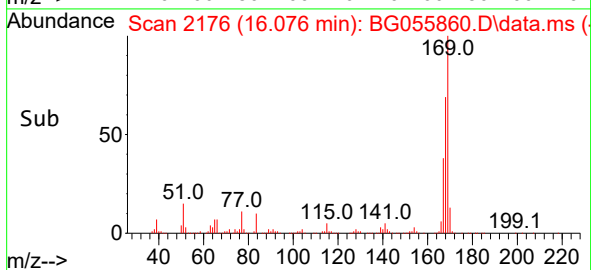
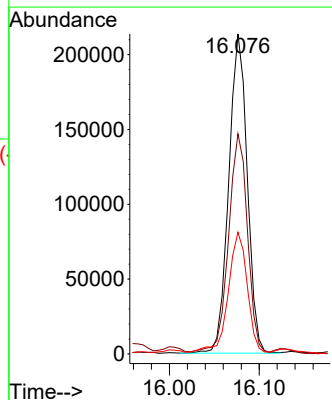
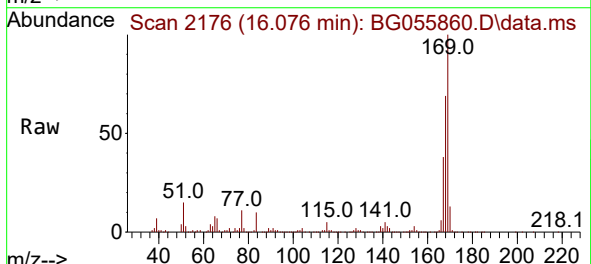
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

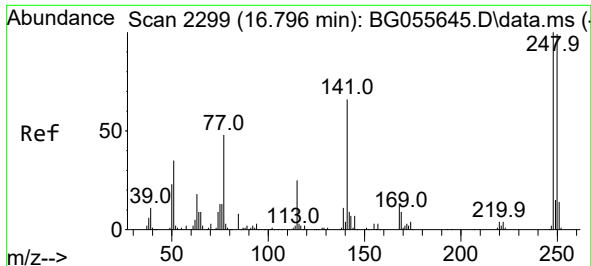
Tgt Ion:198 Resp: 39024
Ion Ratio Lower Upper
198 100
51 48.9 27.7 67.7
105 41.3 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 45.436 ng
RT: 16.076 min Scan# 2176
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:169 Resp: 304764
Ion Ratio Lower Upper
169 100
168 68.8 56.6 85.0
167 38.0 29.9 44.9

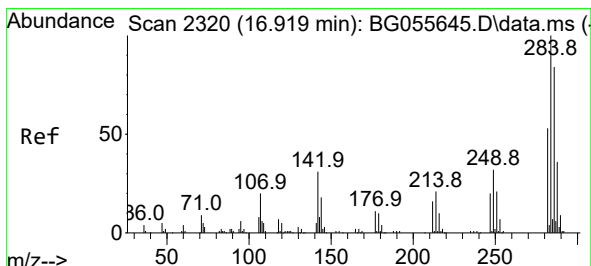
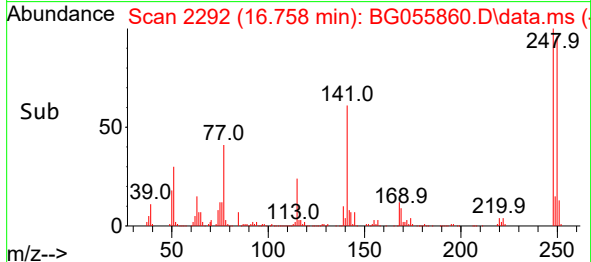
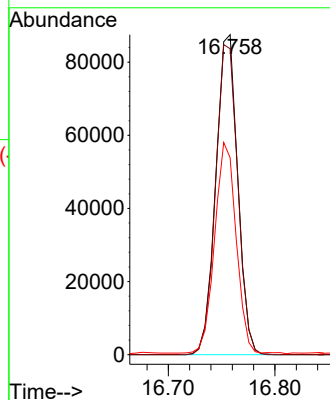
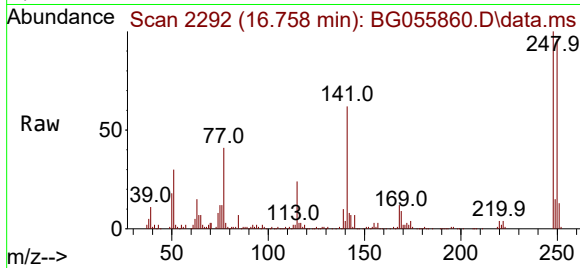




#67
4-Bromophenyl-phenylether
Concen: 45.018 ng
RT: 16.758 min Scan# 2113
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

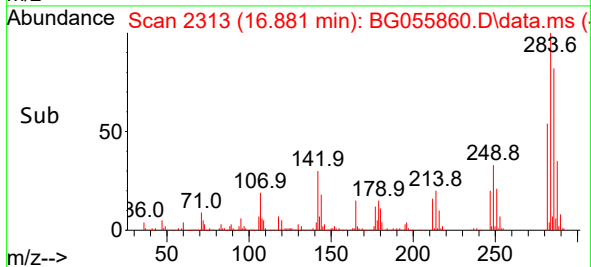
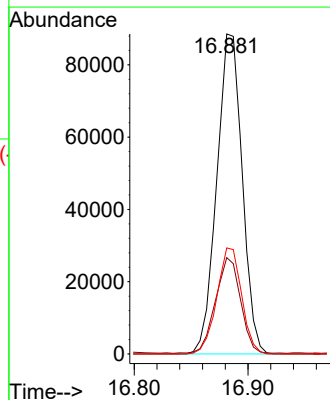
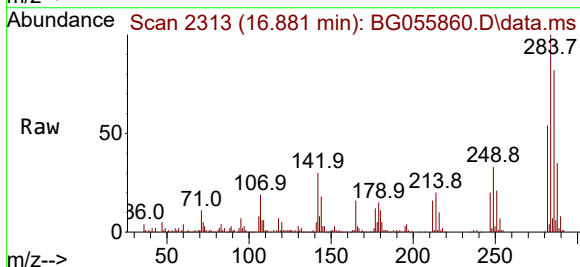
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

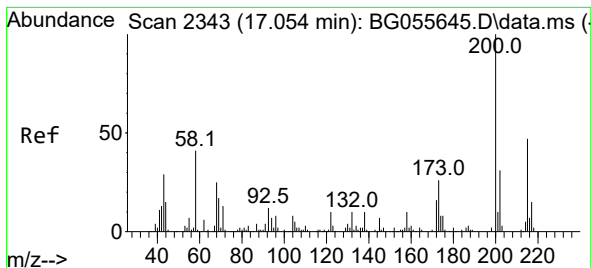
Tgt Ion:248 Resp: 124841
Ion Ratio Lower Upper
248 100
250 95.6 79.0 118.4
141 61.6 52.9 79.3



#68
Hexachlorobenzene
Concen: 44.750 ng
RT: 16.881 min Scan# 2313
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:284 Resp: 137603
Ion Ratio Lower Upper
284 100
142 30.1 24.8 37.2
249 33.2 25.7 38.5





#69

Atrazine

Concen: 47.278 ng

RT: 17.016 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD

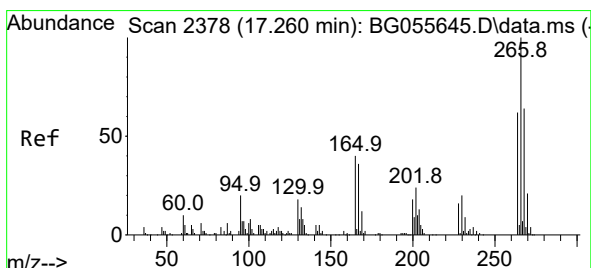
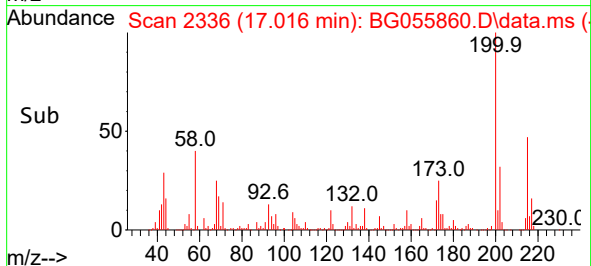
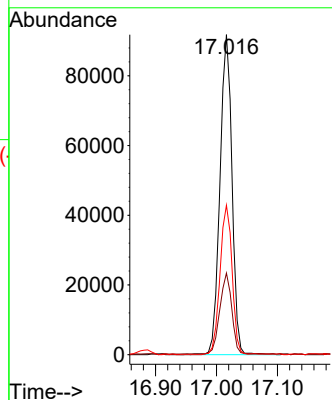
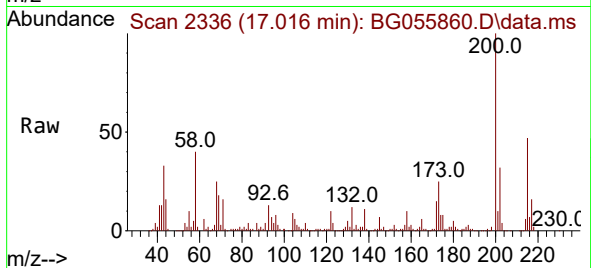
Tgt Ion:200 Resp: 125418

Ion Ratio Lower Upper

200 100

173 25.5 5.6 45.6

215 46.7 27.2 67.2



#70

Pentachlorophenol

Concen: 77.852 ng

RT: 17.234 min Scan# 2373

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

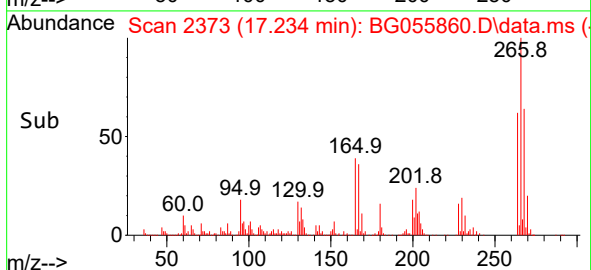
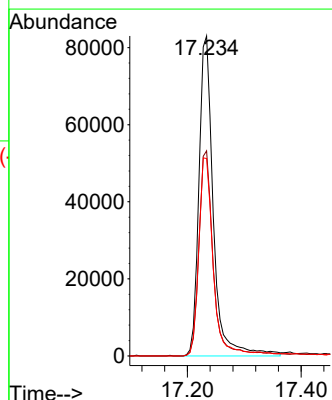
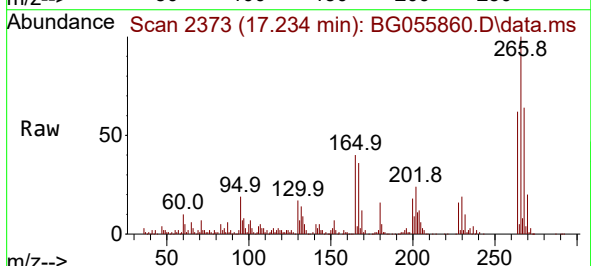
Tgt Ion:266 Resp: 146442

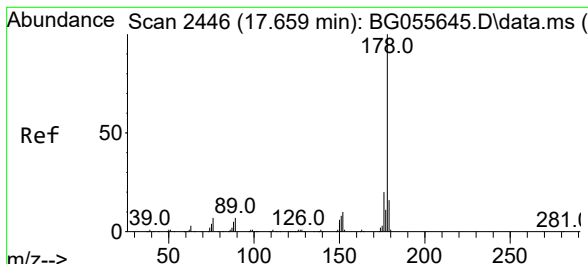
Ion Ratio Lower Upper

266 100

268 64.1 51.2 76.8

264 61.7 49.5 74.3



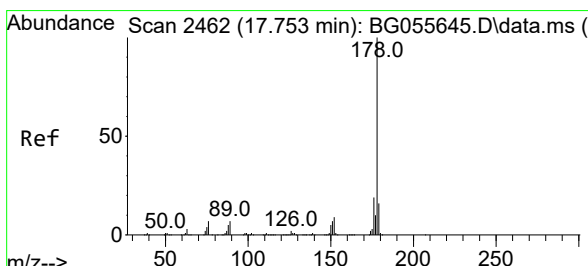
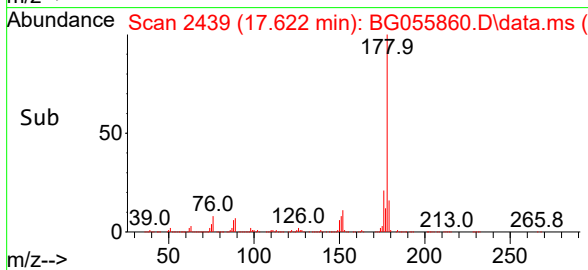
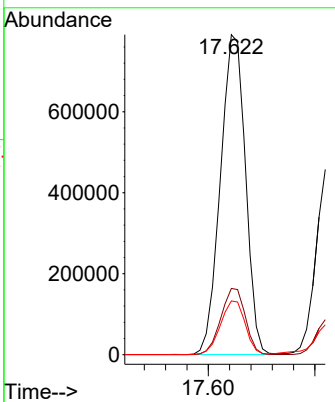
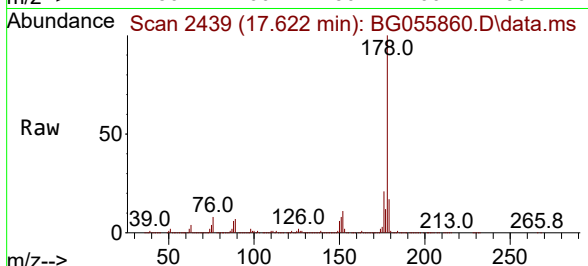


#71
 Phenanthrene
 Concen: 98.201 ng
 RT: 17.622 min Scan# 2446
 Delta R.T. -0.002 min
 Lab File: BG055860.D
 Acq: 1 Dec 2022 18:00

Instrument :
 BNA_G
 ClientSampleId :
 OE-2-113022MSD

Tgt Ion:178 Resp: 1289794

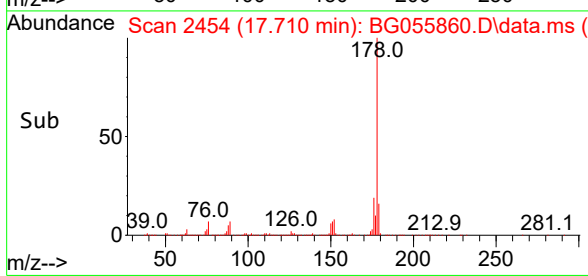
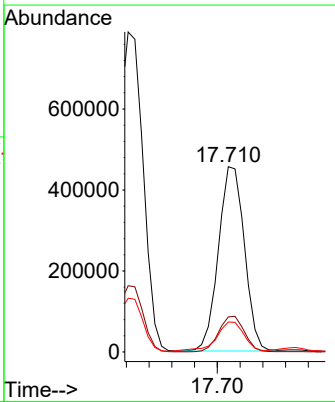
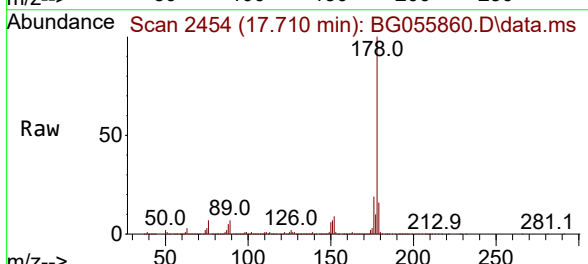
Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.0	24.0
179	16.8	12.7	19.1

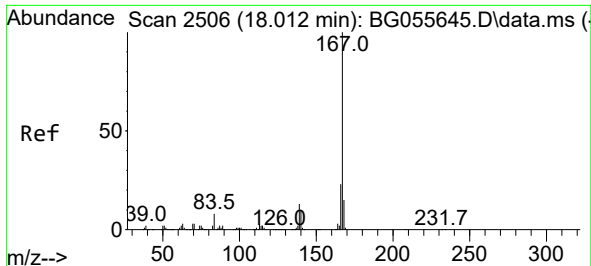


#72
 Anthracene
 Concen: 56.737 ng
 RT: 17.710 min Scan# 2454
 Delta R.T. -0.002 min
 Lab File: BG055860.D
 Acq: 1 Dec 2022 18:00

Tgt Ion:178 Resp: 724042

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	16.1	12.5	18.7

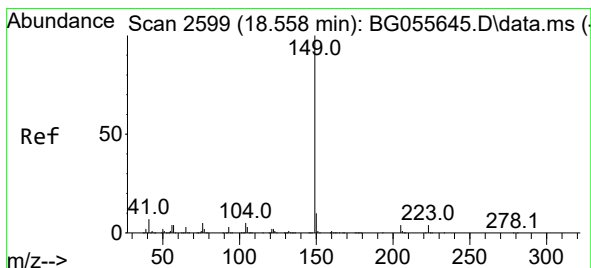
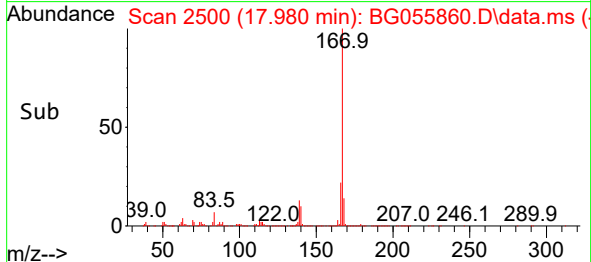
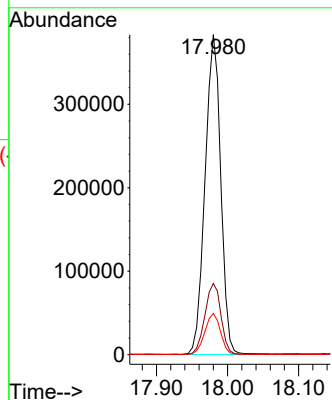
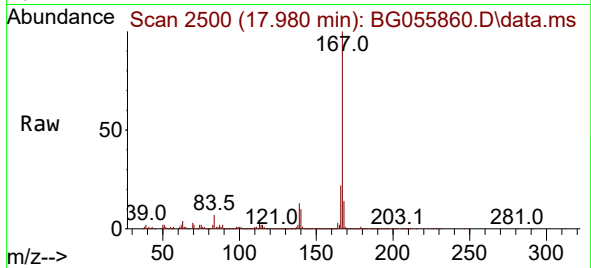




#73
Carbazole
Concen: 51.291 ng
RT: 17.980 min Scan# 2500
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

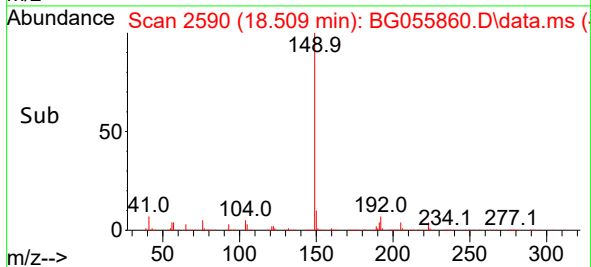
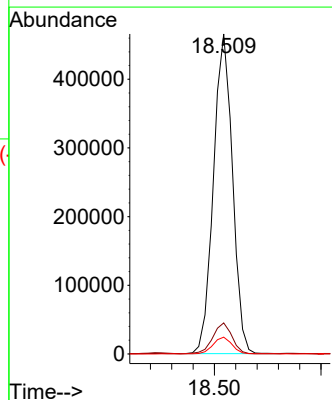
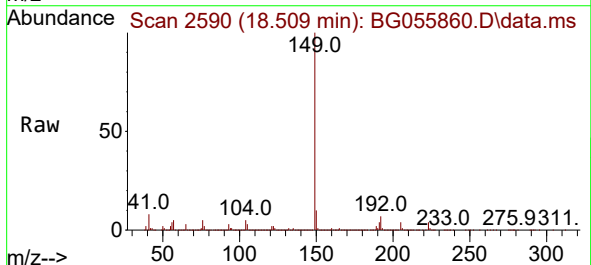
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

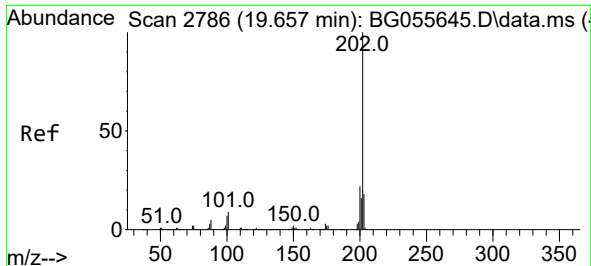
Tgt Ion:167 Resp: 588437
Ion Ratio Lower Upper
167 100
166 22.3 18.2 27.2
139 12.9 10.2 15.4



#74
Di-n-butylphthalate
Concen: 40.466 ng
RT: 18.509 min Scan# 2590
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:149 Resp: 576456
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.3 4.0 6.0

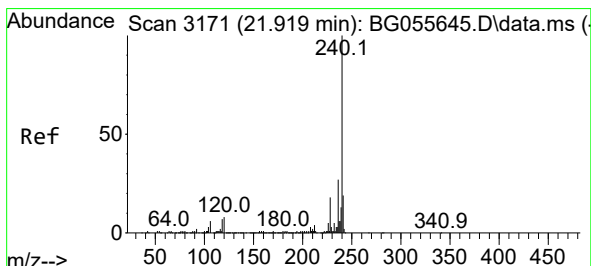
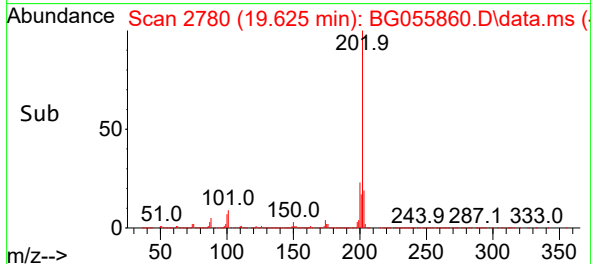
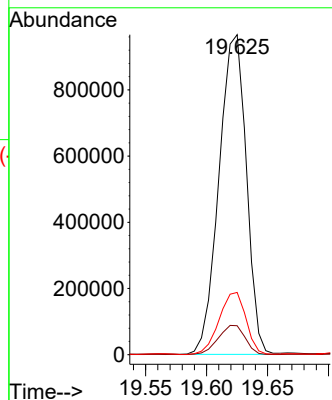
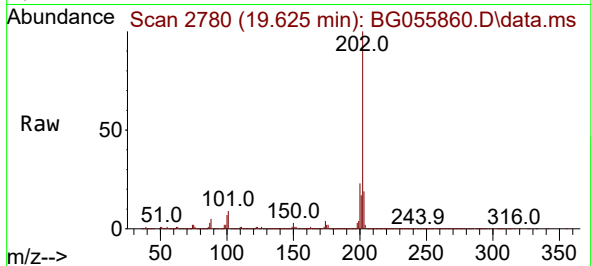




#75
Fluoranthene
Concen: 94.497 ng
RT: 19.625 min Scan# 21
Delta R.T. 0.010 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

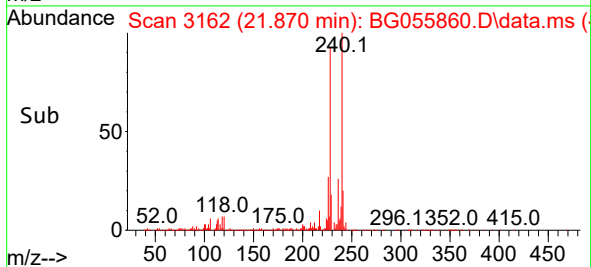
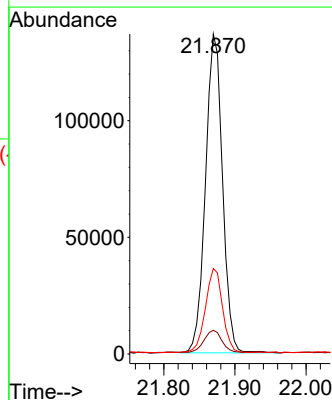
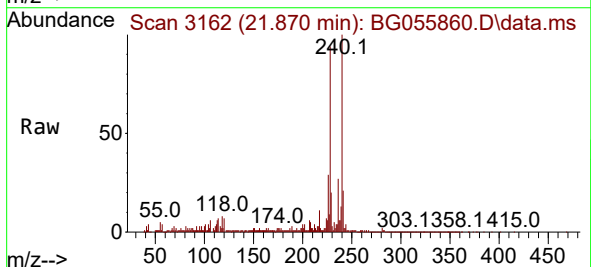
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

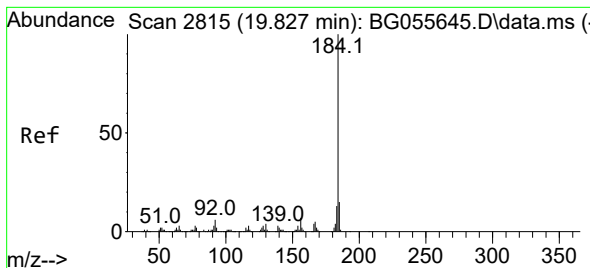
Tgt Ion:202 Resp: 1509945
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 19.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.870 min Scan# 3162
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:240 Resp: 227981
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 26.7 21.9 32.9





#77

Benzidine

Concen: 45.254 ng

RT: 19.790 min Scan# 2808

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD

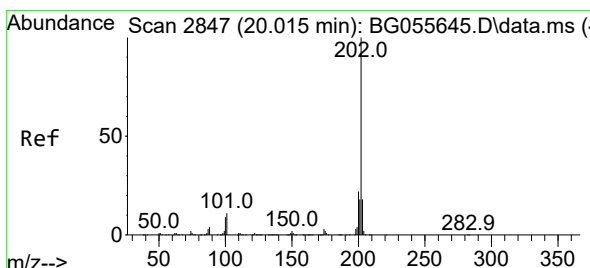
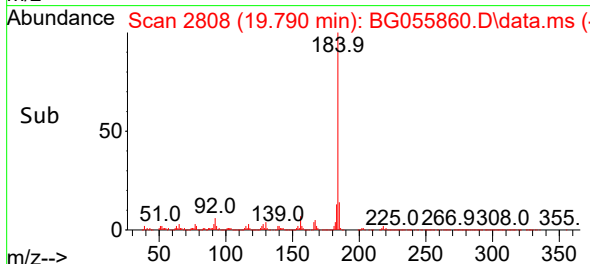
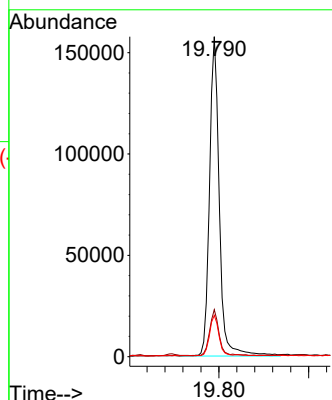
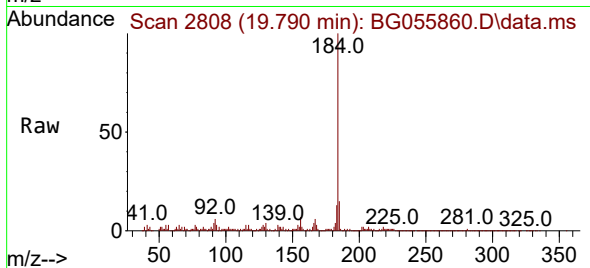
Tgt Ion:184 Resp: 238682

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.8

183 12.9 10.6 15.8



#78

Pyrene

Concen: 93.144 ng

RT: 19.983 min Scan# 2841

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

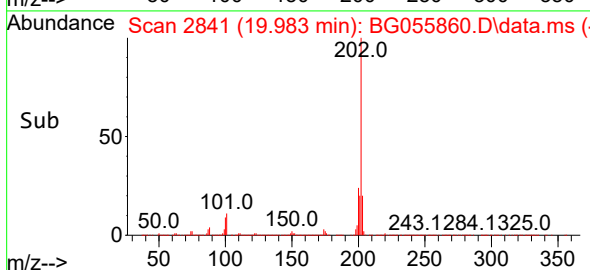
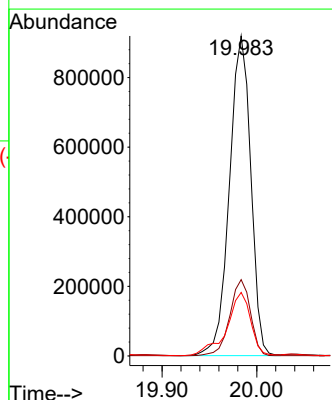
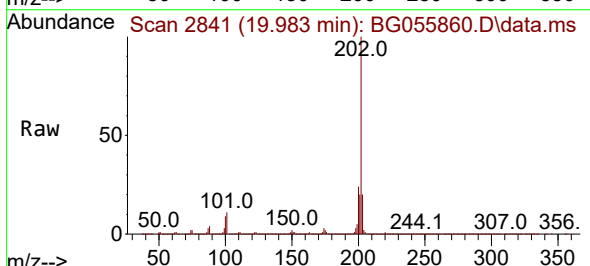
Tgt Ion:202 Resp: 1437355

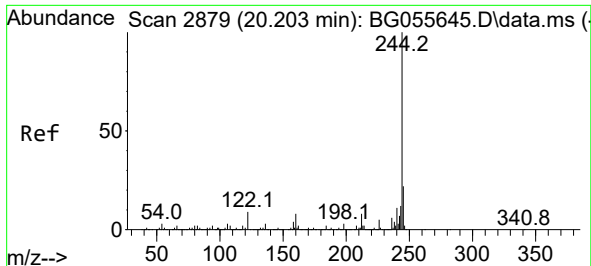
Ion Ratio Lower Upper

202 100

200 23.9 17.8 26.6

203 19.8 14.4 21.6

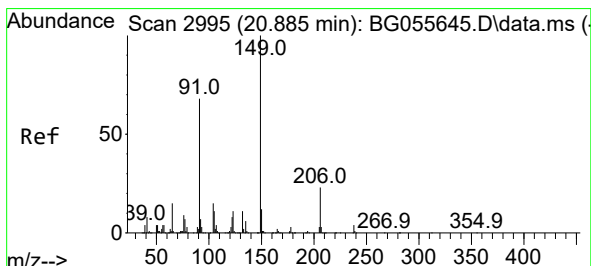
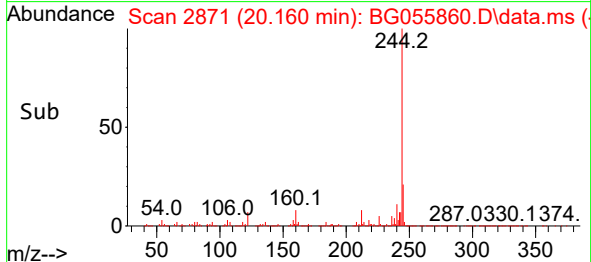
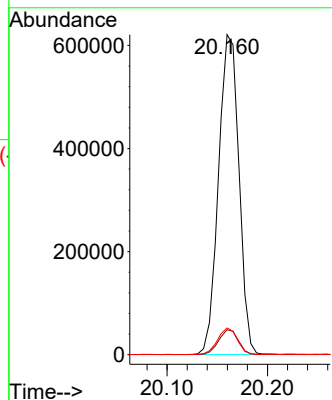
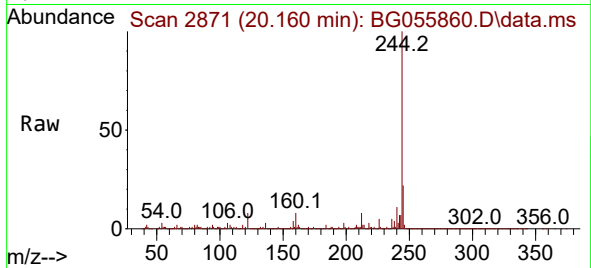




#79
 Terphenyl-d14
 Concen: 76.789 ng
 RT: 20.160 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055860.D
 Acq: 1 Dec 2022 18:00

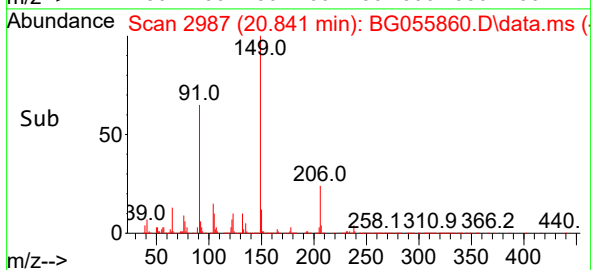
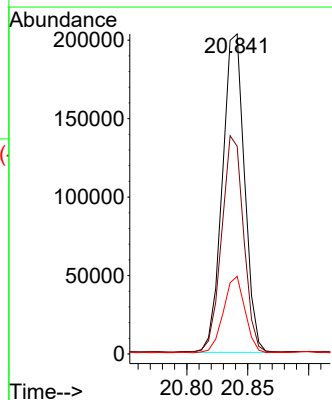
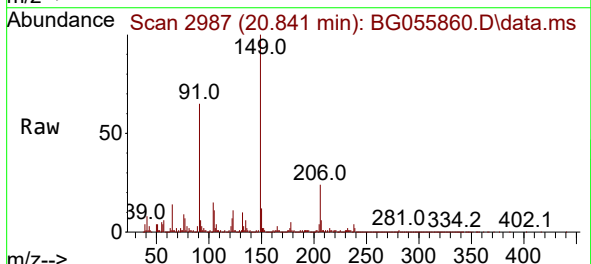
Instrument :
 BNA_G
 ClientSampleId :
 OE-2-113022MSD

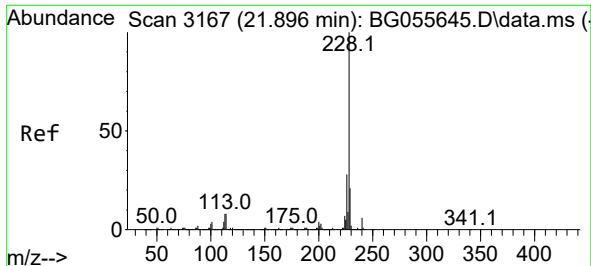
Tgt Ion:244 Resp: 875264
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.3 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 42.525 ng
 RT: 20.841 min Scan# 2987
 Delta R.T. 0.004 min
 Lab File: BG055860.D
 Acq: 1 Dec 2022 18:00

Tgt Ion:149 Resp: 256902
 Ion Ratio Lower Upper
 149 100
 91 64.9 54.6 81.8
 206 24.3 18.3 27.5

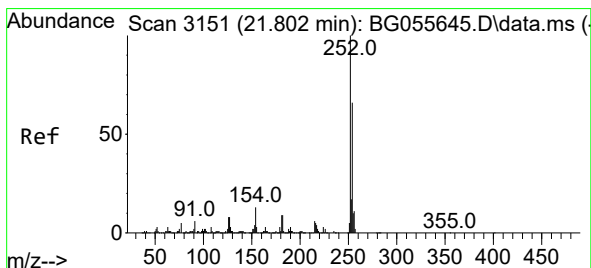
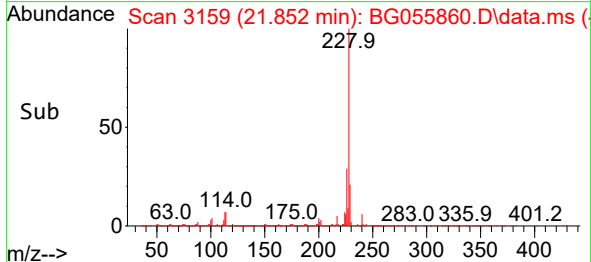
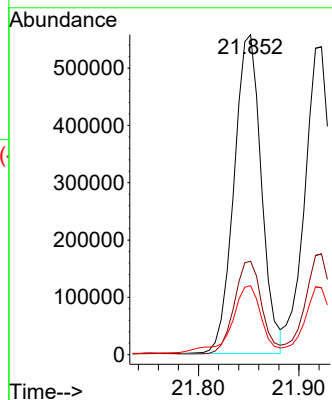
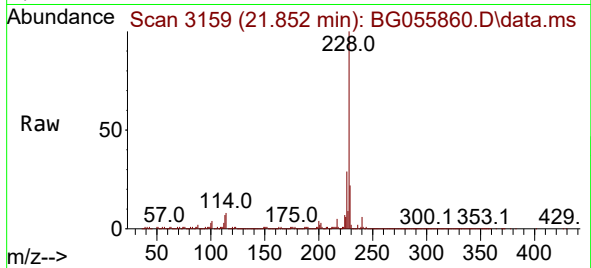




#81
Benzo(a)anthracene
Concen: 66.992 ng
RT: 21.852 min Scan# 3167
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

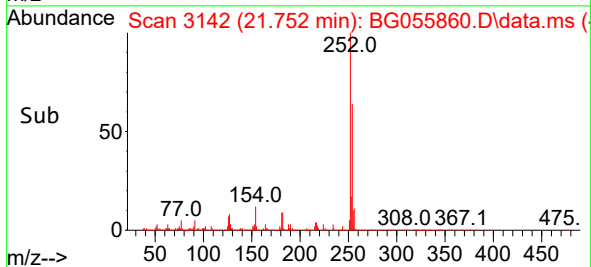
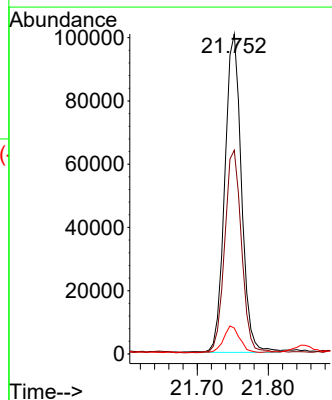
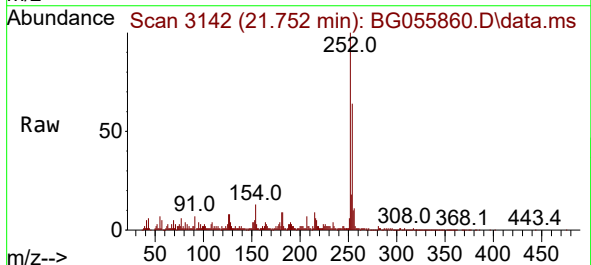
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

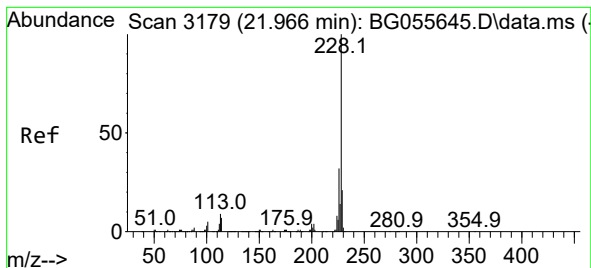
Tgt Ion:228 Resp: 1051935
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 21.5 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 29.551 ng
RT: 21.752 min Scan# 3142
Delta R.T. -0.002 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:252 Resp: 163050
Ion Ratio Lower Upper
252 100
254 63.6 53.0 79.6
126 8.1 6.7 10.1





#83

Chrysene

Concen: 63.844 ng

RT: 21.922 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD

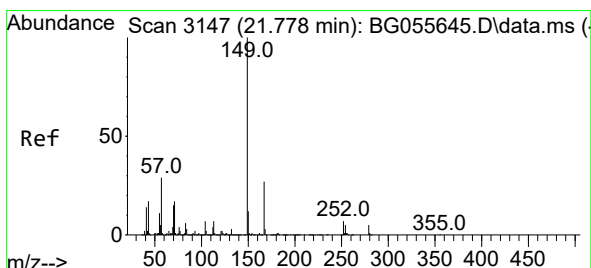
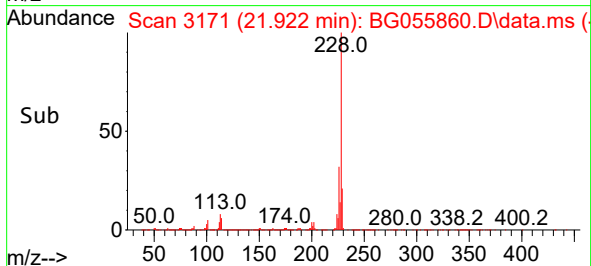
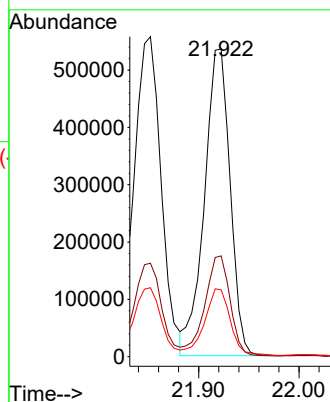
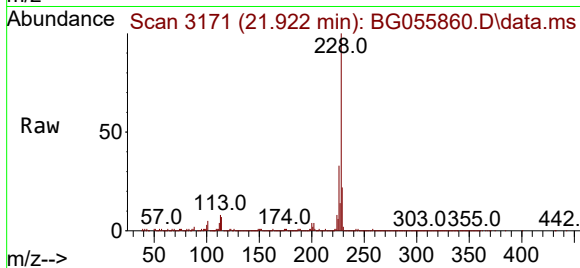
Tgt Ion:228 Resp: 954383

Ion Ratio Lower Upper

228 100

226 32.7 25.4 38.2

229 21.7 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.083 ng

RT: 21.711 min Scan# 3135

Delta R.T. -0.002 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

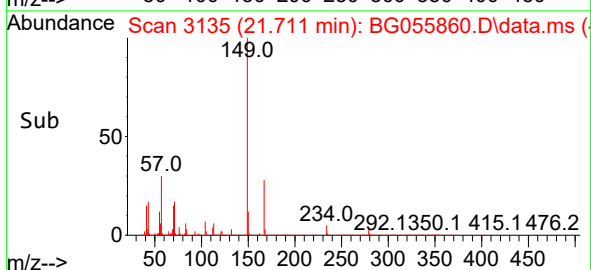
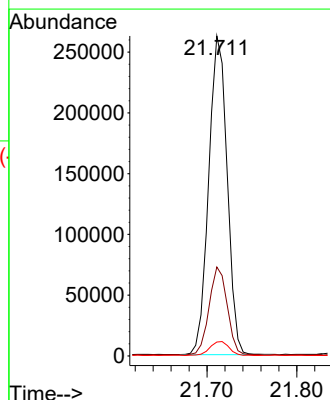
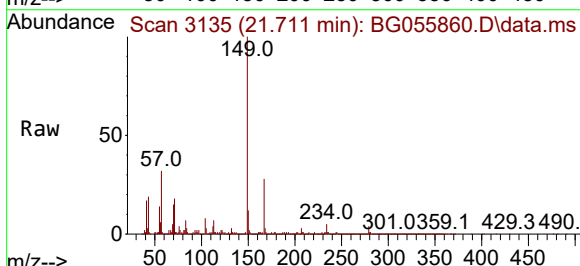
Tgt Ion:149 Resp: 374048

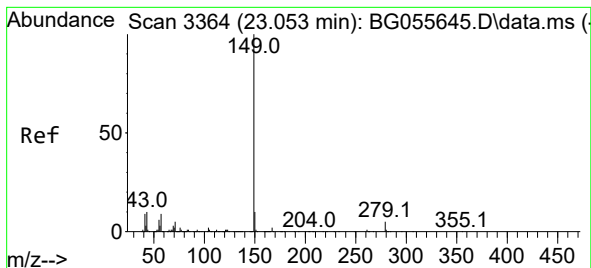
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

279 4.4 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 42.830 ng

RT: 22.968 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD

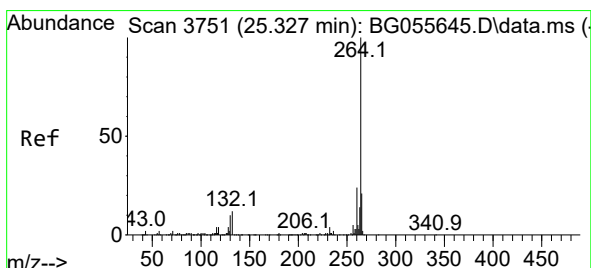
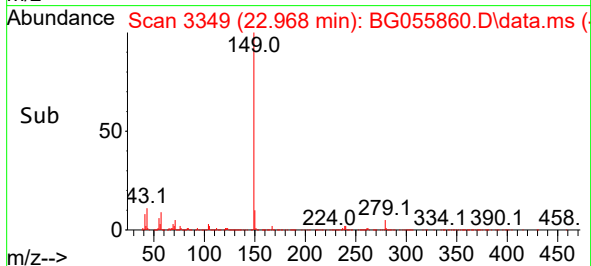
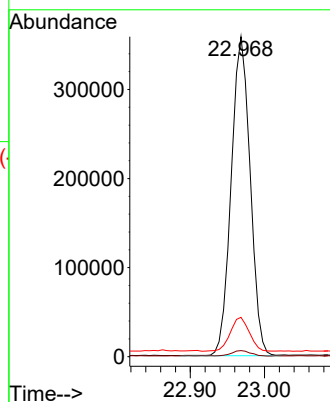
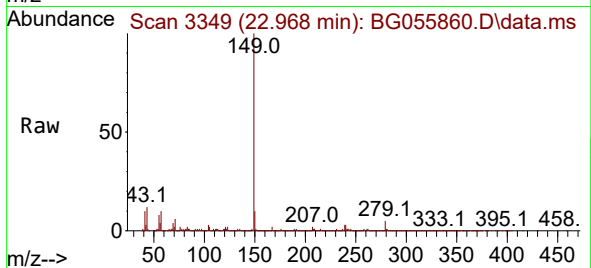
Tgt Ion:149 Resp: 636358

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.4 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.254 min Scan# 3738

Delta R.T. 0.004 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

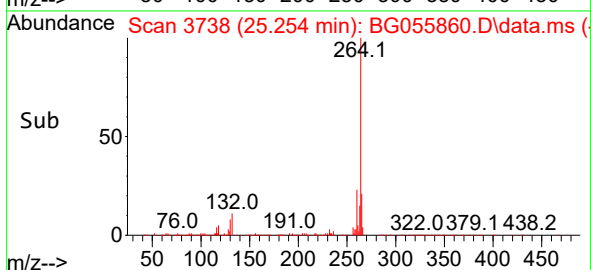
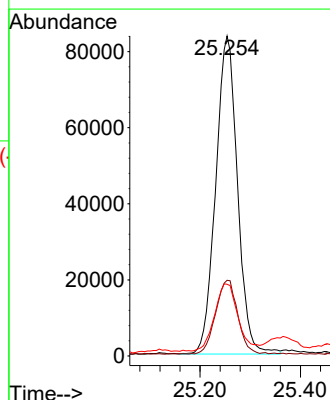
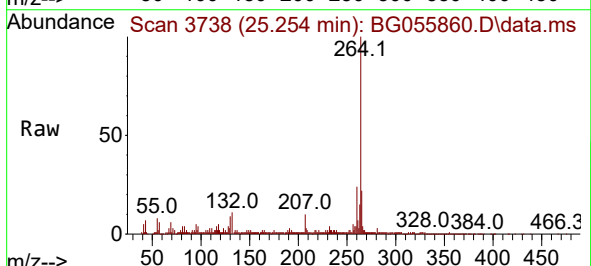
Tgt Ion:264 Resp: 251727

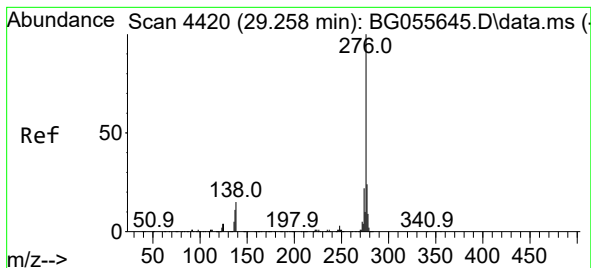
Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.764 ng

RT: 29.167 min Scan# 44

Delta R.T. 0.015 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

Instrument :

BNA_G

ClientSampleId :

OE-2-113022MSD

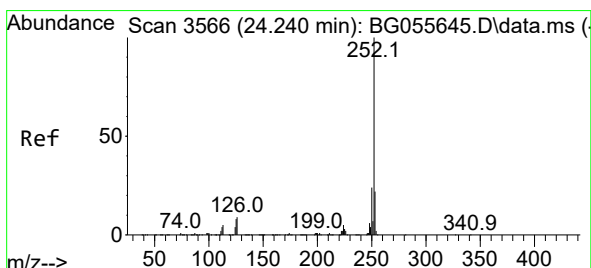
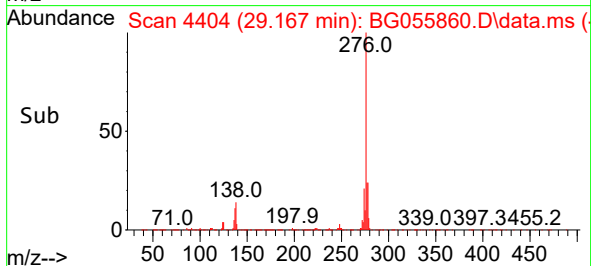
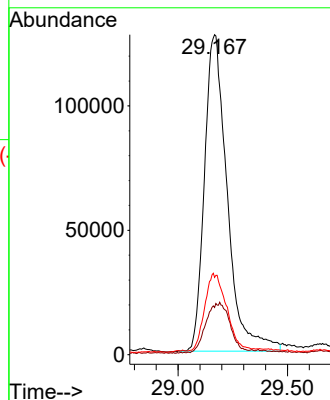
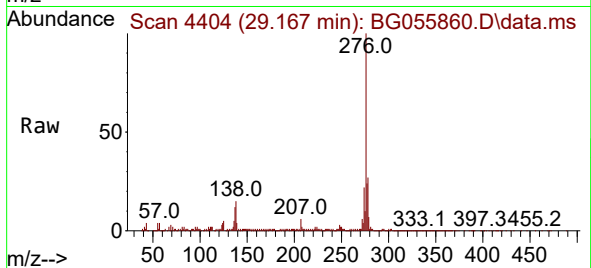
Tgt Ion:276 Resp: 923124

Ion Ratio Lower Upper

276 100

138 0.0 10.4 15.6#

277 23.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 65.782 ng

RT: 24.179 min Scan# 3555

Delta R.T. 0.010 min

Lab File: BG055860.D

Acq: 1 Dec 2022 18:00

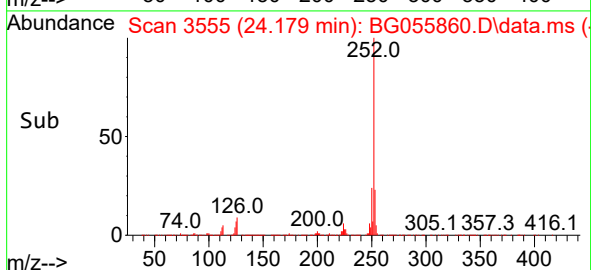
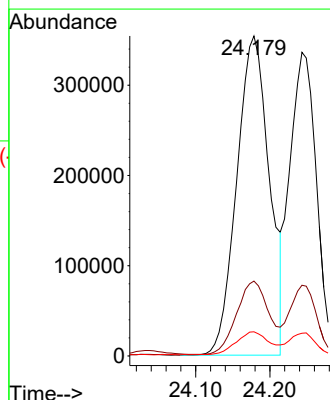
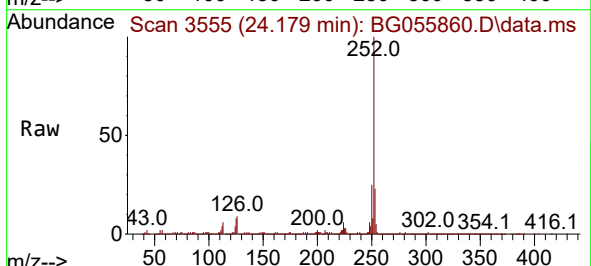
Tgt Ion:252 Resp: 1078411

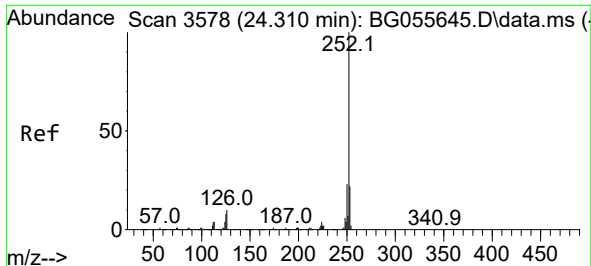
Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

125 7.6 6.2 9.2

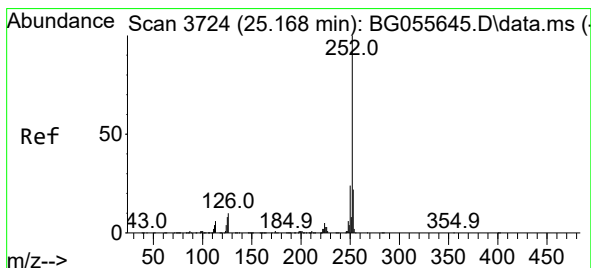
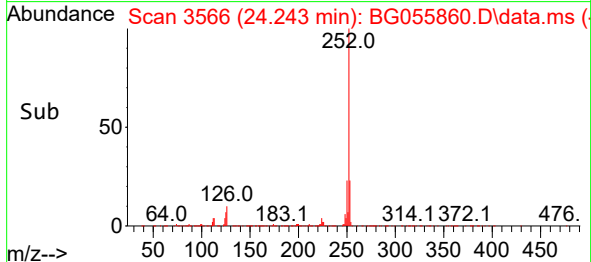
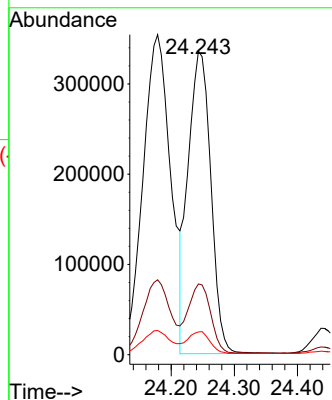
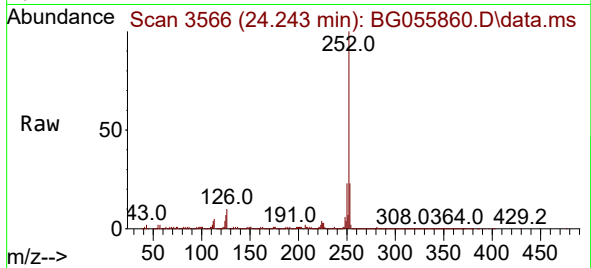




#89
Benzo(k)fluoranthene
Concen: 51.067 ng
RT: 24.243 min Scan# 3111
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

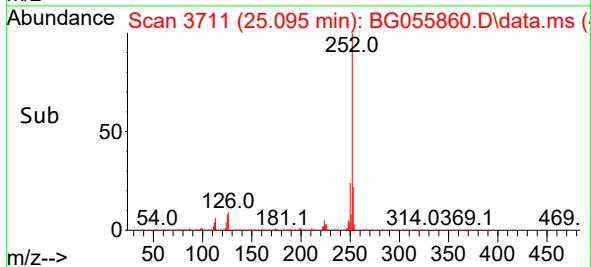
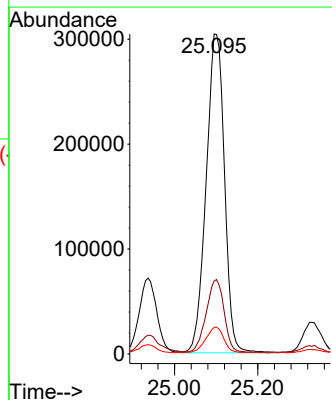
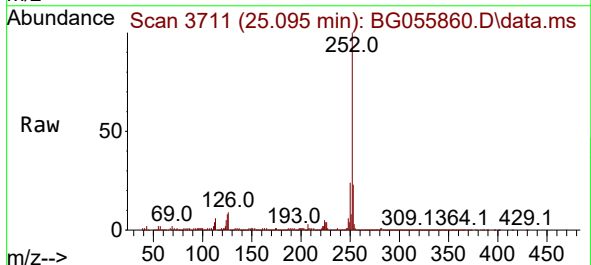
Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

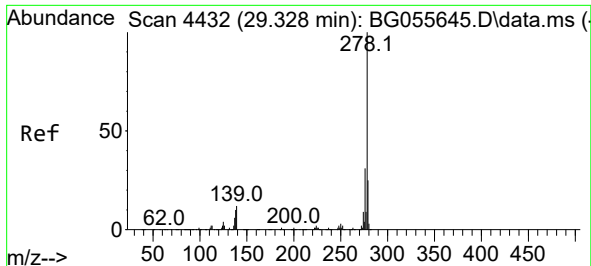
Tgt Ion:252 Resp: 834501
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 7.5 6.1 9.1



#90
Benzo(a)pyrene
Concen: 66.148 ng
RT: 25.095 min Scan# 3711
Delta R.T. 0.004 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:252 Resp: 930575
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 8.3 6.4 9.6

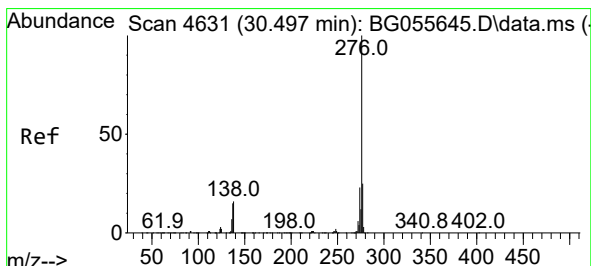
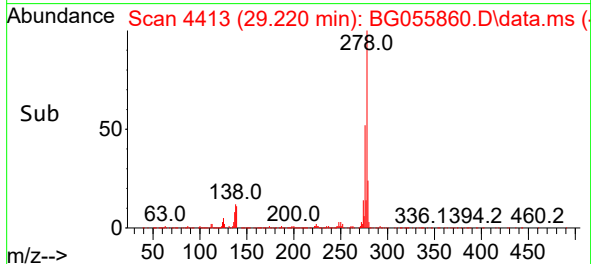
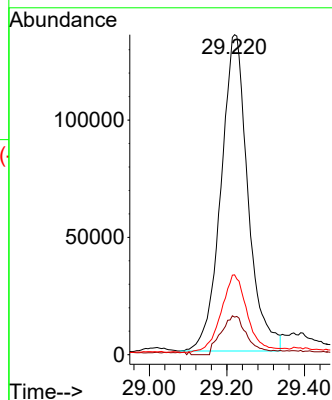
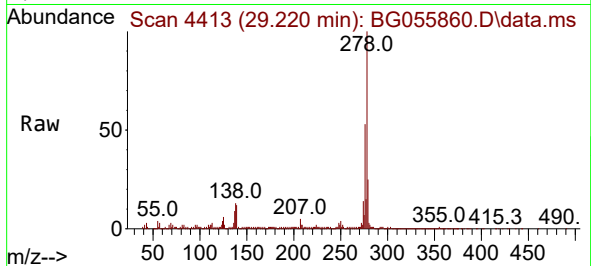




#91
Dibenzo(a,h)anthracene
Concen: 38.697 ng
RT: 29.220 min Scan# 4432
Delta R.T. 0.010 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Instrument :
BNA_G
ClientSampleId :
OE-2-113022MSD

Tgt Ion:278 Resp: 652120
Ion Ratio Lower Upper
278 100
139 11.8 9.8 14.8
279 25.0 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 43.980 ng
RT: 30.389 min Scan# 4612
Delta R.T. 0.015 min
Lab File: BG055860.D
Acq: 1 Dec 2022 18:00

Tgt Ion:276 Resp: 746987
Ion Ratio Lower Upper
276 100
277 24.9 19.8 29.6
138 15.3 13.1 19.7

