

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057080.D
 Acq On : 13 Apr 2023 13:24
 Operator : CG/JU
 Sample : 02292-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MS

Quant Time: Apr 13 13:59:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.409	152	15487	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	60764	20.000	ng	# 0.00
39) Acenaphthene-d10	15.018	164	42251	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	97800	20.000	ng	0.00
76) Chrysene-d12	22.079	240	88830	20.000	ng	# 0.00
86) Perylene-d12	25.615	264	95481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	134282	138.769	ng	0.00
7) Phenol-d6	7.540	99	184630	127.572	ng	0.00
23) Nitrobenzene-d5	9.584	82	115592	77.838	ng	0.00
42) 2,4,6-Tribromophenol	16.504	330	78966	116.991	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	243334	78.096	ng	0.00
79) Terphenyl-d14	20.328	244	412248	78.531	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.721	88	20884	49.232	ng	97
3) Pyridine	4.144	79	57805	42.309	ng	96
4) n-Nitrosodimethylamine	4.050	42	30265	48.180	ng	97
6) Aniline	7.716	93	79794	43.128	ng	100
8) 2-Chlorophenol	7.963	128	53795	55.813	ng	93
9) Benzaldehyde	7.528	77	43612	48.044	ng	96
10) Phenol	7.569	94	79248	55.262	ng	96
11) bis(2-Chloroethyl)ether	7.804	93	52393	51.290	ng	98
12) 1,3-Dichlorobenzene	8.292	146	58785	55.197	ng	97
13) 1,4-Dichlorobenzene	8.444	146	59799	55.633	ng	97
14) 1,2-Dichlorobenzene	8.767	146	55727	53.663	ng	95
15) Benzyl Alcohol	8.638	79	58867	48.951	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.932	45	67918	55.169	ng	98
17) 2-Methylphenol	8.838	107	52255	51.075	ng	89
18) Hexachloroethane	9.508	117	21339	54.316	ng	93
19) n-Nitroso-di-n-propyla...	9.208	70	47963	46.333	ng	97
20) 3+4-Methylphenols	9.167	107	68832	48.113	ng	97
22) Acetophenone	9.231	105	84765	46.881	ng	97
24) Nitrobenzene	9.625	77	72940	48.041	ng	98
25) Isophorone	10.148	82	124861	44.153	ng	99
26) 2-Nitrophenol	10.342	139	29671	50.630	ng	93
27) 2,4-Dimethylphenol	10.383	122	50204	48.520	ng	97
28) bis(2-Chloroethoxy)met...	10.624	93	68070	48.080	ng	95
29) 2,4-Dichlorophenol	10.882	162	55016	49.440	ng	94
30) 1,2,4-Trichlorobenzene	11.105	180	57144	48.330	ng	98
31) Naphthalene	11.299	128	159584	48.183	ng	99
32) Benzoic acid	10.530	122	33067	46.524	ng	93
33) 4-Chloroaniline	11.393	127	51392	34.356	ng	98
34) Hexachlorobutadiene	11.570	225	41374	46.584	ng	96
35) Caprolactam	12.157	113	11045	28.781	ng	89
36) 4-Chloro-3-methylphenol	12.486	107	57521	46.222	ng	96
37) 2-Methylnaphthalene	12.874	142	115349	43.881	ng	96
38) 1-Methylnaphthalene	13.091	142	107167	43.417	ng	99
40) 1,2,4,5-Tetrachloroben...	13.232	216	74954	51.158	ng	97
41) Hexachlorocyclopentadiene	13.208	237	94896	117.554	ng	91
43) 2,4,6-Trichlorophenol	13.467	196	47701	51.019	ng	95

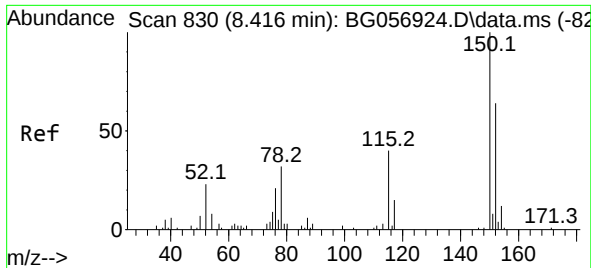
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057080.D
 Acq On : 13 Apr 2023 13:24
 Operator : CG/JU
 Sample : 02292-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MS

Quant Time: Apr 13 13:59:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.537	196	51060	46.099	ng	96
46) 1,1'-Biphenyl	13.855	154	158448	51.230	ng	98
47) 2-Chloronaphthalene	13.908	162	121630	53.172	ng	96
48) 2-Nitroaniline	14.101	65	41136	50.292	ng	98
49) Acenaphthylene	14.748	152	188463	50.145	ng	99
50) Dimethylphthalate	14.454	163	158346	47.564	ng	98
51) 2,6-Dinitrotoluene	14.583	165	34533	48.011	ng	96
52) Acenaphthene	15.082	154	123296	47.567	ng	99
53) 3-Nitroaniline	14.918	138	26770	37.601	ng	93
54) 2,4-Dinitrophenol	15.124	184	45681	112.832	ng	92
55) Dibenzofuran	15.417	168	190336	48.924	ng	97
56) 4-Nitrophenol	15.212	139	56157	106.667	ng	# 89
57) 2,4-Dinitrotoluene	15.364	165	48854	48.157	ng	92
58) Fluorene	16.058	166	154875	48.109	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.635	232	49050	48.638	ng	# 99
60) Diethylphthalate	15.805	149	159740	47.864	ng	99
61) 4-Chlorophenyl-phenyle...	16.040	204	88733	46.946	ng	97
62) 4-Nitroaniline	16.075	138	35962	48.753	ng	94
63) Azobenzene	16.334	77	167741	50.433	ng	99
65) 4,6-Dinitro-2-methylph...	16.128	198	34309	57.923	ng	98
66) n-Nitrosodiphenylamine	16.251	169	130422	49.678	ng	98
67) 4-Bromophenyl-phenylether	16.933	248	57983	47.916	ng	99
68) Hexachlorobenzene	17.062	284	63993	53.489	ng	98
69) Atrazine	17.185	200	59648	54.733	ng	96
70) Pentachlorophenol	17.403	266	74480	86.777	ng	94
71) Phenanthrene	17.802	178	246094	49.354	ng	99
72) Anthracene	17.890	178	252068	49.313	ng	99
73) Carbazole	18.155	167	225307	50.555	ng	95
74) Di-n-butylphthalate	18.678	149	257318	49.861	ng	99
75) Fluoranthene	19.788	202	291668	46.143	ng	97
77) Benzidine	19.952	184	162506	66.930	ng	99
78) Pyrene	20.152	202	293713	47.805	ng	98
80) Butylbenzylphthalate	21.004	149	109720	51.896	ng	97
81) Benzo(a)anthracene	22.055	228	294406	47.894	ng	98
82) 3,3'-Dichlorobenzidine	21.955	252	75900	36.566	ng	98
83) Chrysene	22.126	228	271060	47.095	ng	99
84) Bis(2-ethylhexyl)phtha...	21.908	149	158422	51.747	ng	96
85) Di-n-octyl phthalate	23.218	149	270489	52.429	ng	100
87) Indeno(1,2,3-cd)pyrene	29.704	276	362785	51.411	ng	98
88) Benzo(b)fluoranthene	24.558	252	307805	51.552	ng	98
89) Benzo(k)fluoranthene	24.558	252	307805	51.639	ng	# 99
90) Benzo(a)pyrene	25.445	252	274301	46.752	ng	99
91) Dibenzo(a,h)anthracene	29.768	278	303883	52.391	ng	96
92) Benzo(g,h,i)perylene	30.984	276	291910	51.396	ng	99

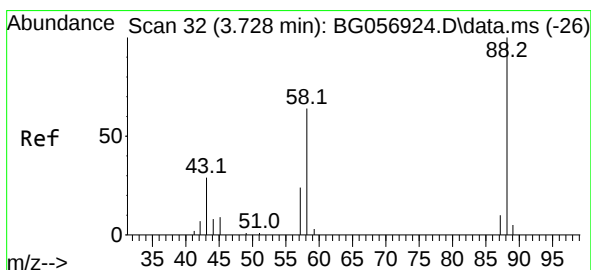
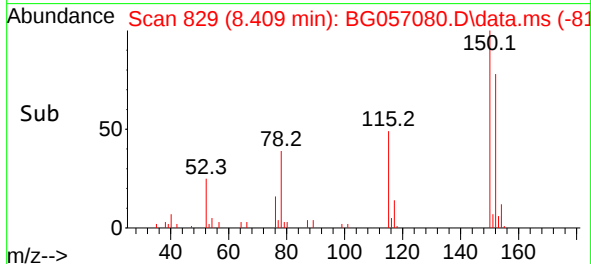
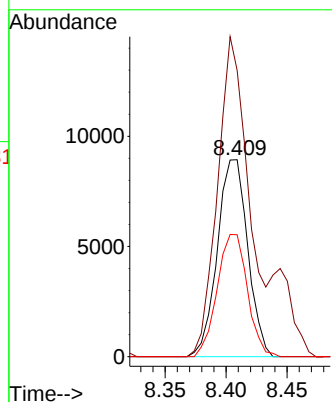
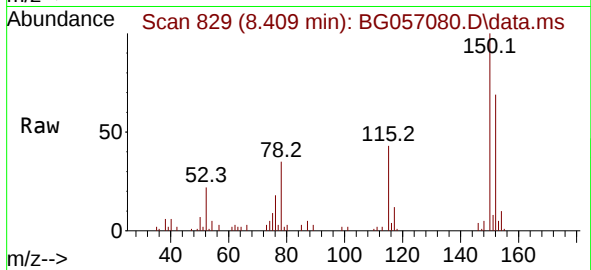
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.409 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

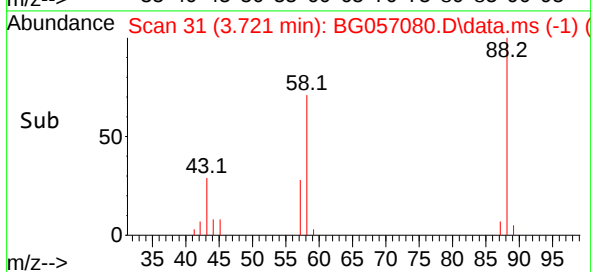
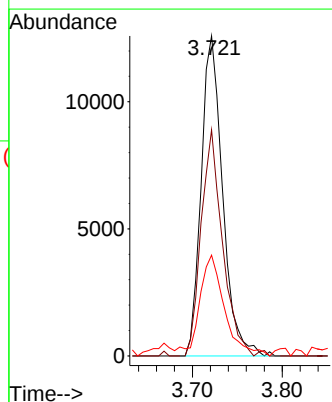
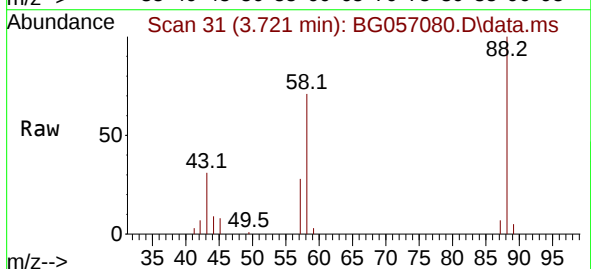
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion:152 Resp: 15487
Ion Ratio Lower Upper
152 100
150 145.3 124.1 186.1
115 61.9 49.1 73.7



#2
1,4-Dioxane
Concen: 49.232 ng
RT: 3.721 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion: 88 Resp: 20884
Ion Ratio Lower Upper
88 100
58 70.1 55.9 83.9
43 36.5 25.7 38.5

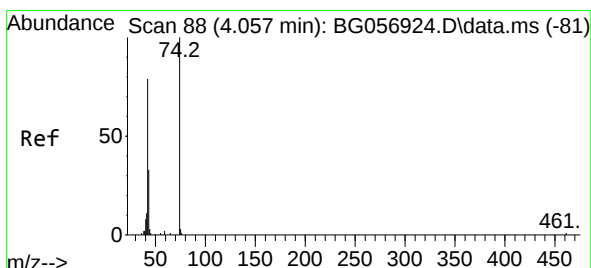
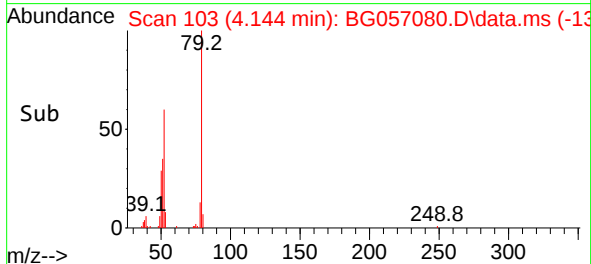
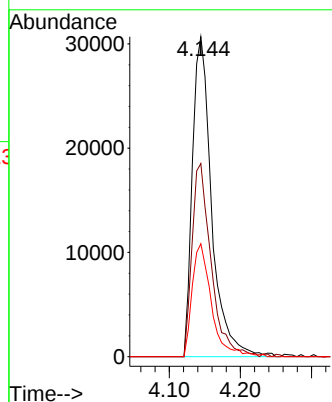
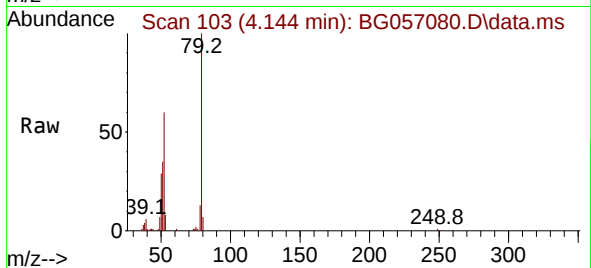




#3
Pyridine
Concen: 42.309 ng
RT: 4.144 min Scan# 104
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

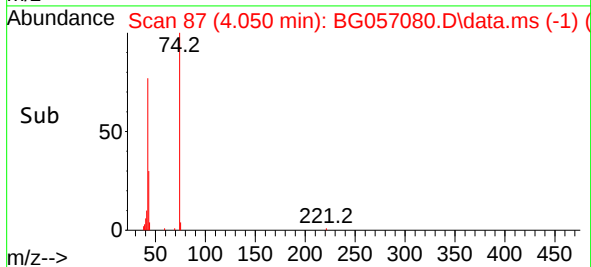
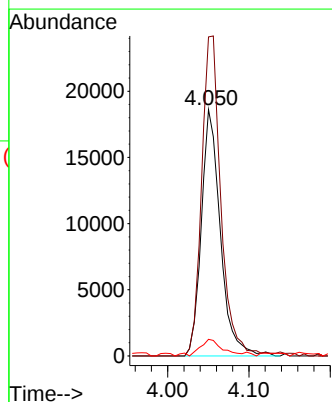
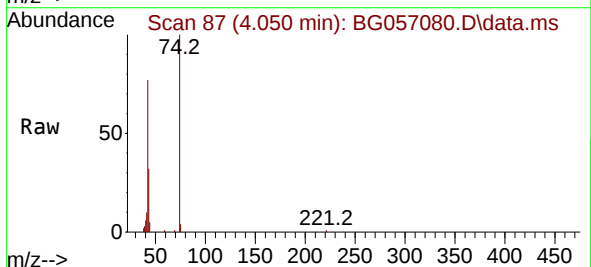
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

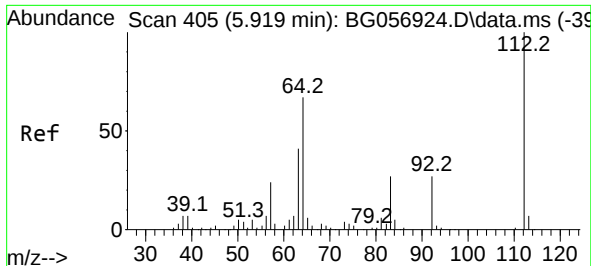
Tgt Ion: 79 Resp: 57805
Ion Ratio Lower Upper
79 100
52 60.4 46.1 69.1
51 35.3 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 48.180 ng
RT: 4.050 min Scan# 87
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion: 42 Resp: 30265
Ion Ratio Lower Upper
42 100
74 129.5 100.6 151.0
44 6.7 4.6 7.0

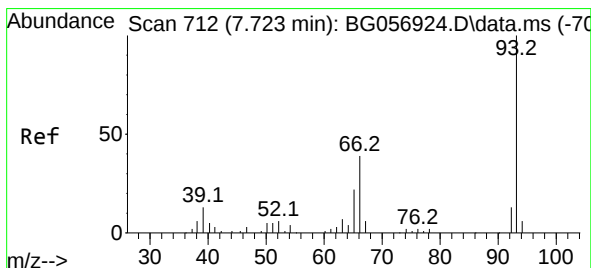
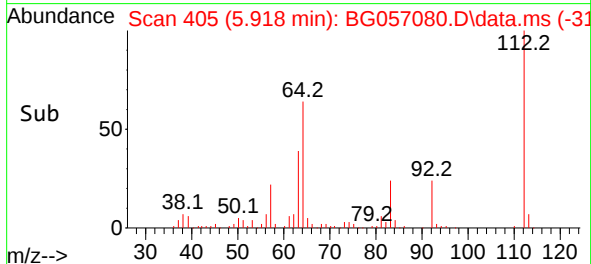
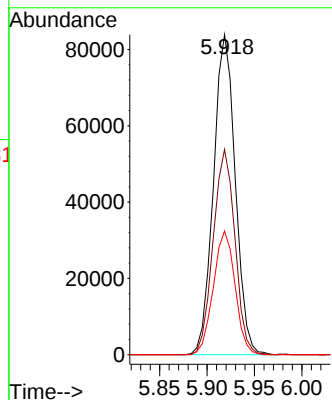
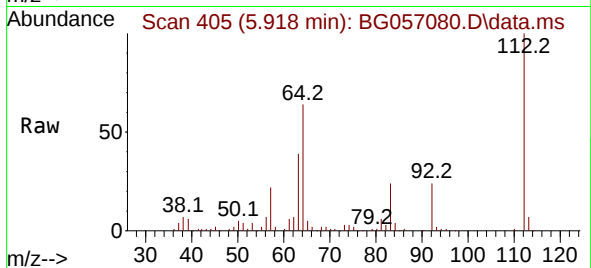




#5
2-Fluorophenol
Concen: 138.769 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

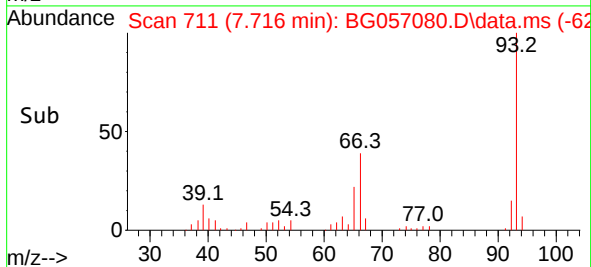
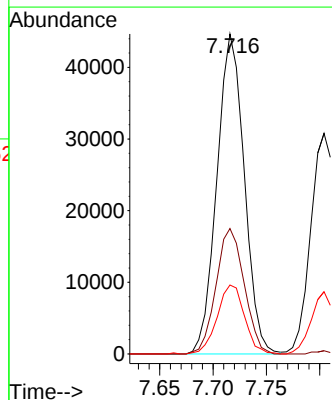
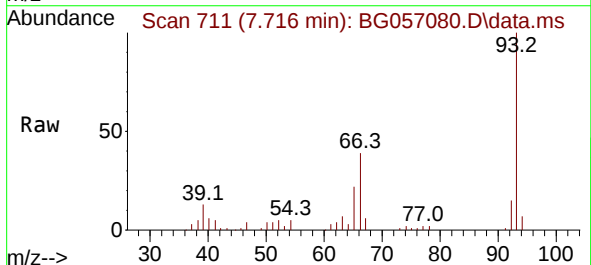
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

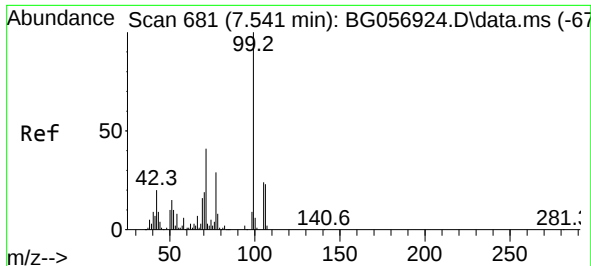
Tgt Ion:112 Resp: 134282
Ion Ratio Lower Upper
112 100
64 64.2 53.2 79.8
63 38.7 32.6 48.8



#6
Aniline
Concen: 43.128 ng
RT: 7.716 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion: 93 Resp: 79794
Ion Ratio Lower Upper
93 100
66 39.2 31.4 47.0
65 21.5 17.3 25.9

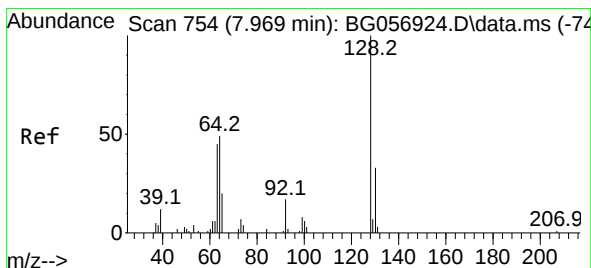
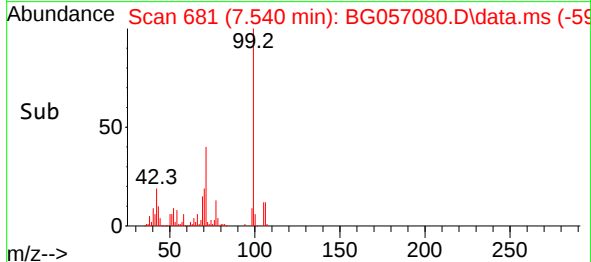
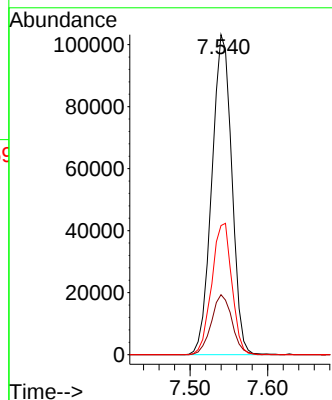
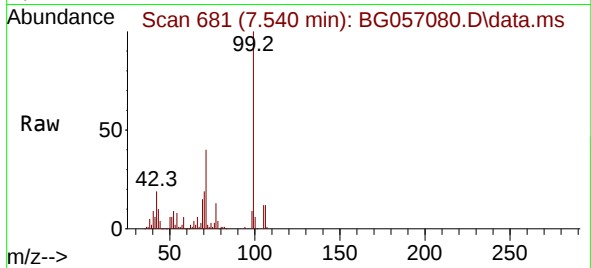




#7
Phenol-d6
Concen: 127.572 ng
RT: 7.540 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

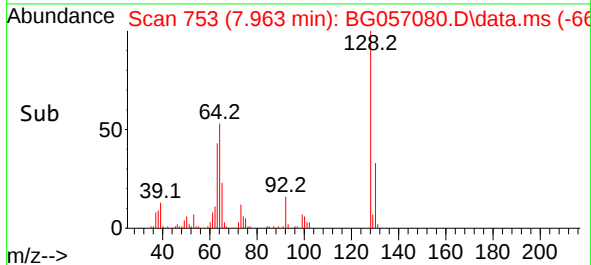
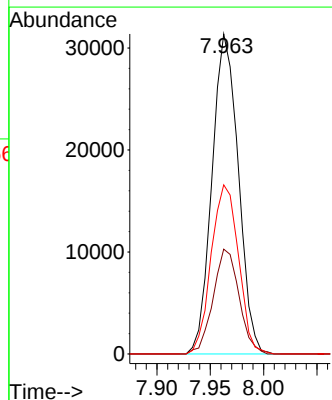
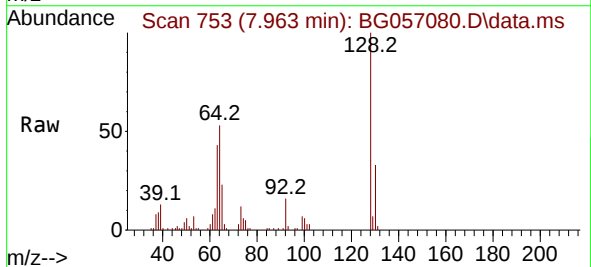
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion: 99 Resp: 184630
Ion Ratio Lower Upper
99 100
42 18.8 15.7 23.5
71 40.4 32.5 48.7



#8
2-Chlorophenol
Concen: 55.813 ng
RT: 7.963 min Scan# 753
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion: 128 Resp: 53795
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 52.9 40.6 80.6

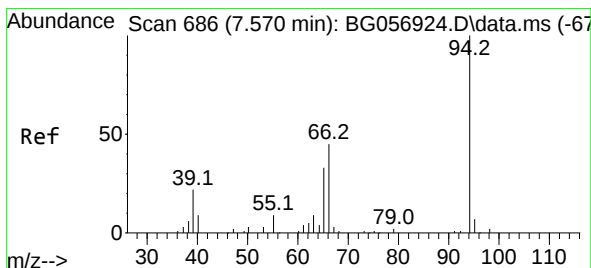
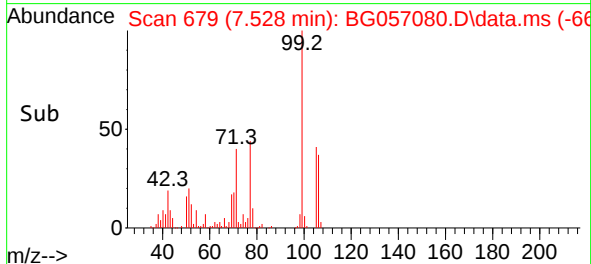
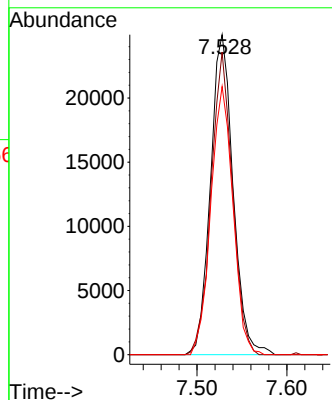
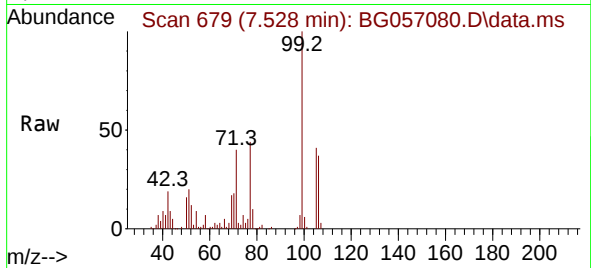




#9
Benzaldehyde
Concen: 48.044 ng
RT: 7.528 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

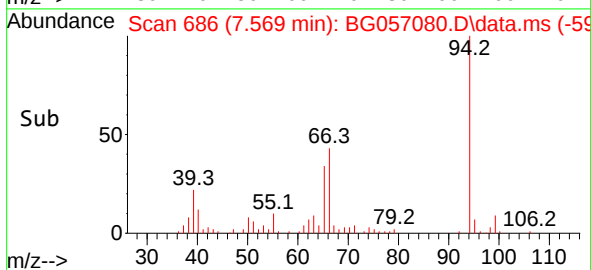
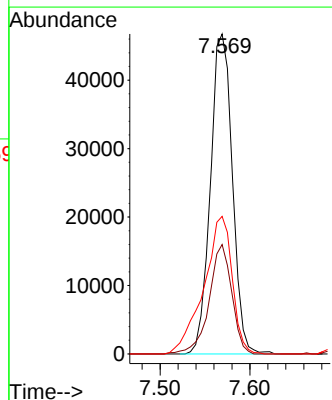
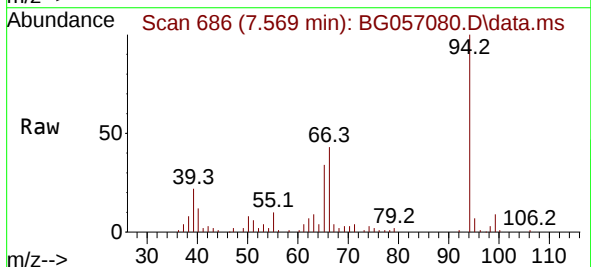
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

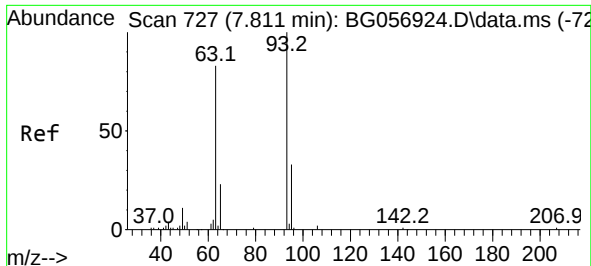
Tgt Ion: 77 Resp: 43612
Ion Ratio Lower Upper
77 100
105 94.6 73.6 113.6
106 83.8 56.7 96.7



#10
Phenol
Concen: 55.262 ng
RT: 7.569 min Scan# 686
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion: 94 Resp: 79248
Ion Ratio Lower Upper
94 100
65 34.2 13.3 53.3
66 43.0 26.7 66.7

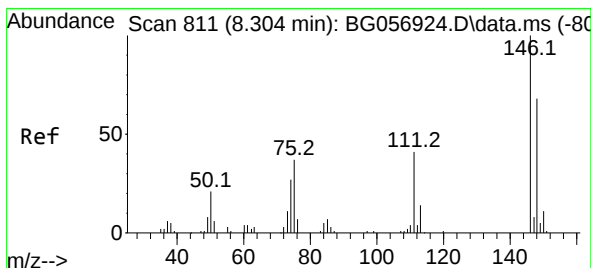
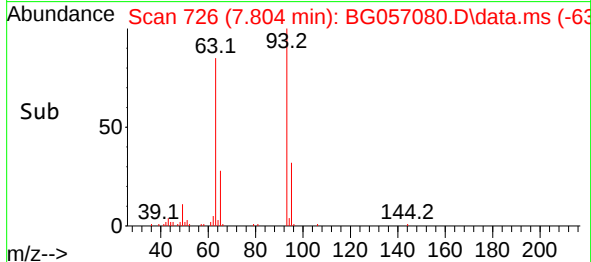
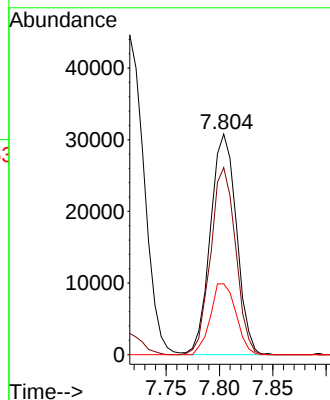
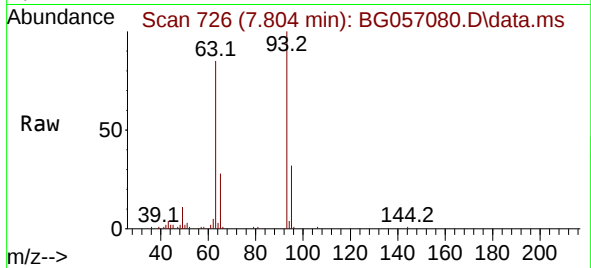




#11
bis(2-Chloroethyl)ether
Concen: 51.290 ng
RT: 7.804 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

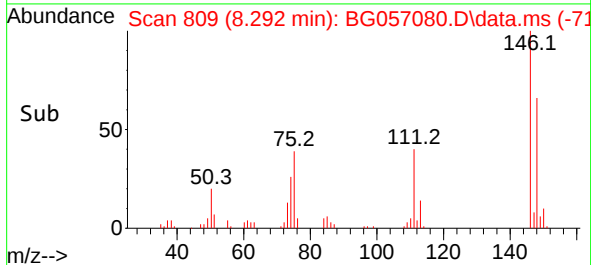
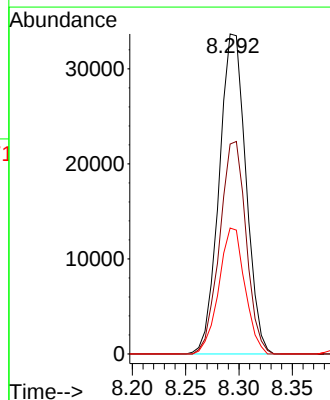
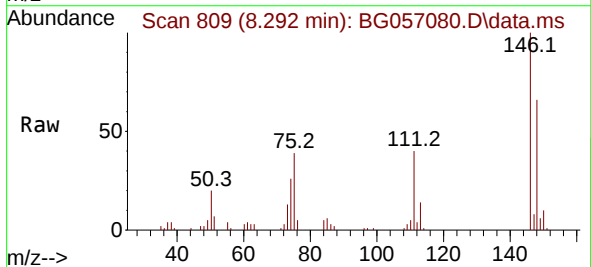
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

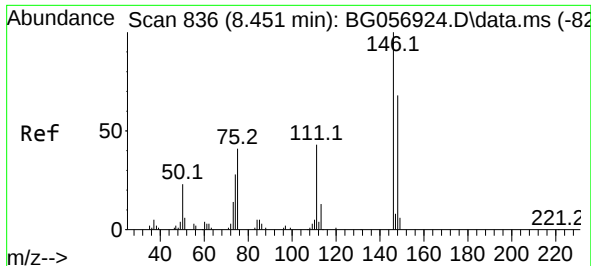
Tgt Ion: 93 Resp: 52393
Ion Ratio Lower Upper
93 100
63 84.8 62.7 102.7
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 55.197 ng
RT: 8.292 min Scan# 809
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion: 146 Resp: 58785
Ion Ratio Lower Upper
146 100
148 65.6 54.2 81.4
75 39.4 29.8 44.8

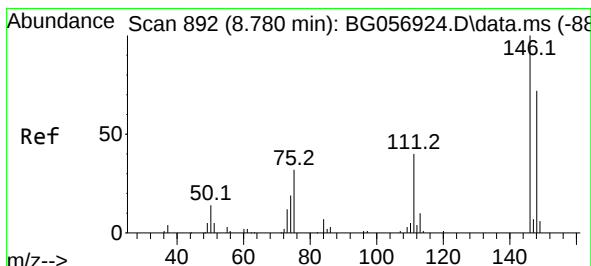
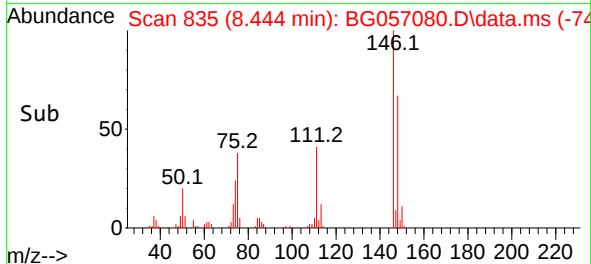
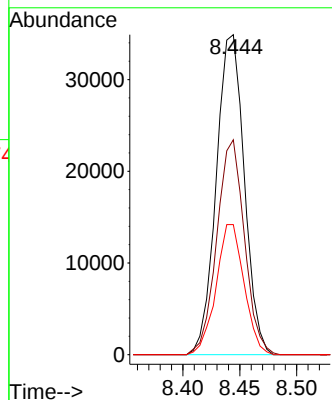
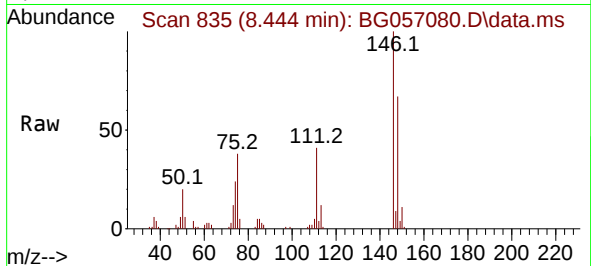




#13
1,4-Dichlorobenzene
Concen: 55.633 ng
RT: 8.444 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

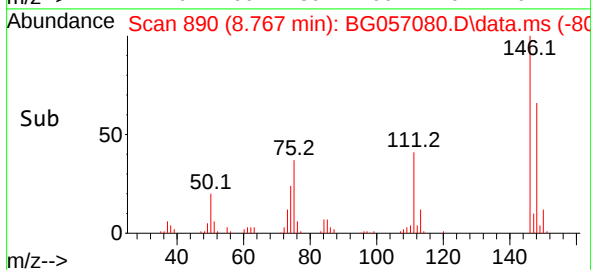
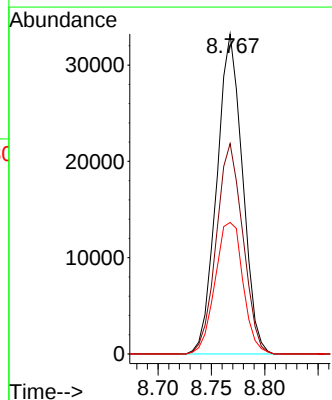
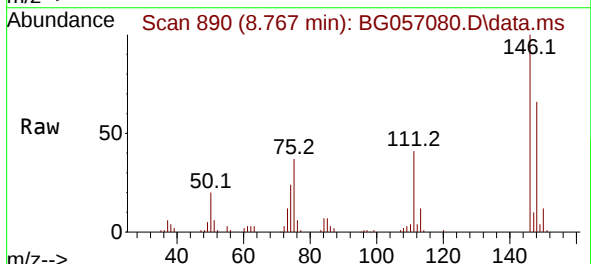
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

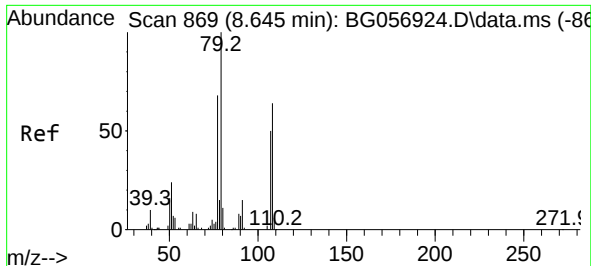
Tgt Ion:146 Resp: 59799
Ion Ratio Lower Upper
146 100
148 67.1 54.8 82.2
111 40.6 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 53.663 ng
RT: 8.767 min Scan# 890
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:146 Resp: 55727
Ion Ratio Lower Upper
146 100
148 65.8 57.4 86.0
111 41.1 33.2 49.8

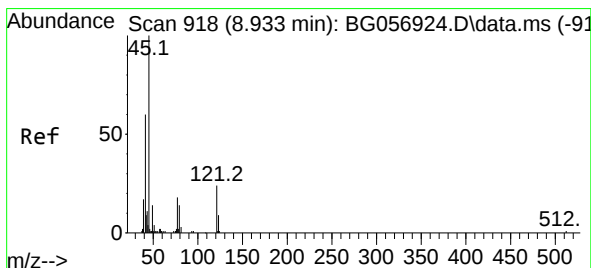
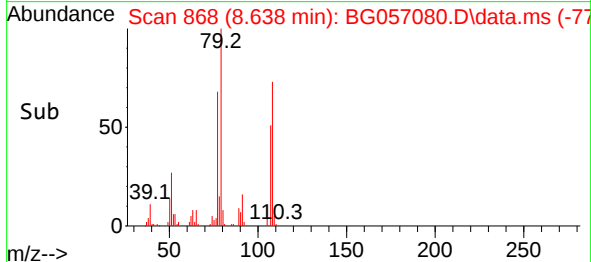
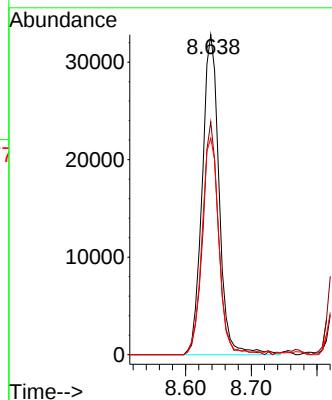
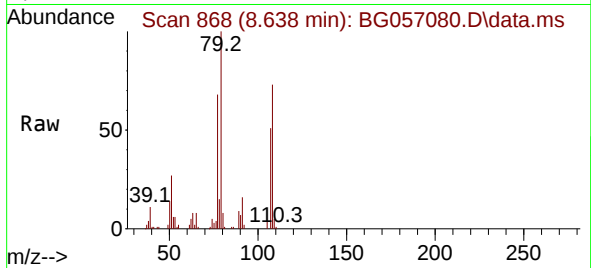




#15
Benzyl Alcohol
Concen: 48.951 ng
RT: 8.638 min Scan# 869
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

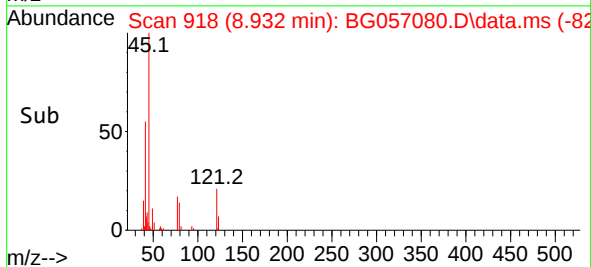
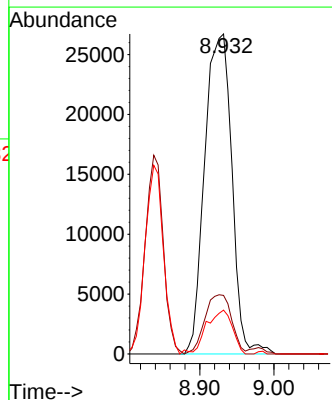
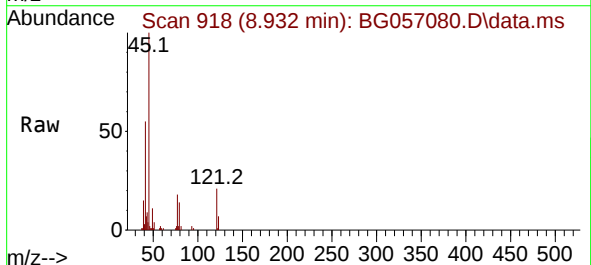
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion: 79 Resp: 58867
Ion Ratio Lower Upper
79 100
108 72.7 51.2 76.8
77 67.6 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.169 ng
RT: 8.932 min Scan# 918
Delta R.T. 0.010 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion: 45 Resp: 67918
Ion Ratio Lower Upper
45 100
77 18.3 0.0 38.7
79 13.7 0.0 35.1

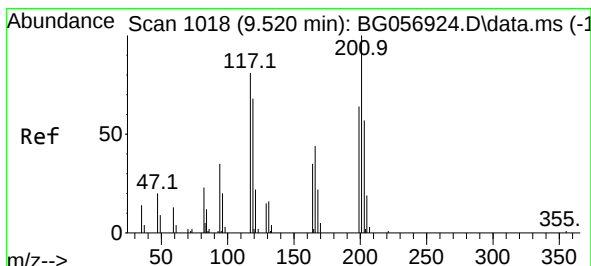
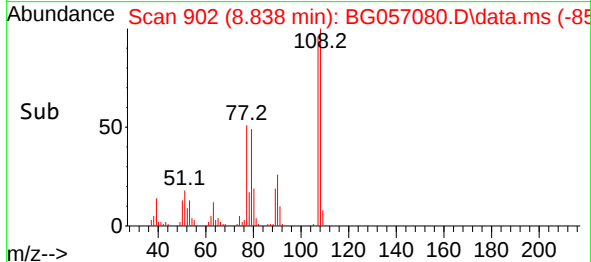
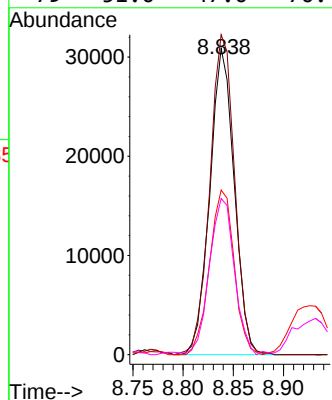
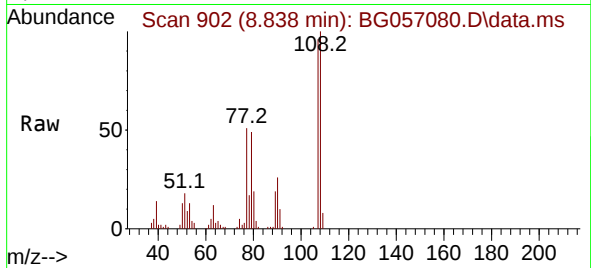




#17
2-Methylphenol
Concen: 51.075 ng
RT: 8.838 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

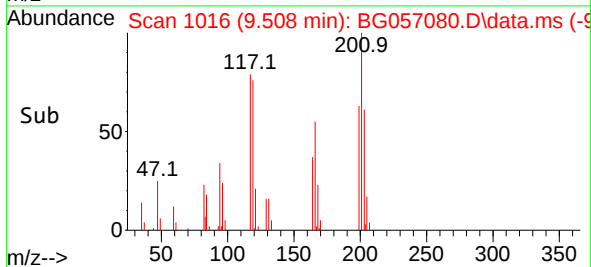
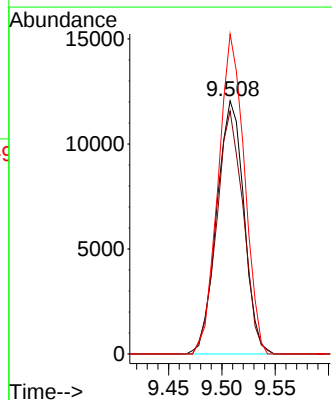
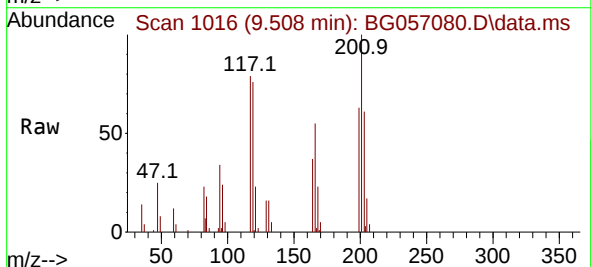
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

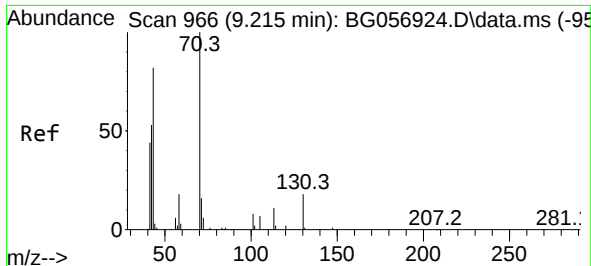
Tgt Ion:	107	Resp:	52255
Ion	Ratio	Lower	Upper
107	100		
108	104.5	96.0	144.0
77	53.8	45.6	68.4
79	51.0	47.0	70.4



#18
Hexachloroethane
Concen: 54.316 ng
RT: 9.508 min Scan# 1016
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:	117	Resp:	21339
Ion	Ratio	Lower	Upper
117	100		
119	96.0	67.0	100.6
201	126.5	98.7	148.1

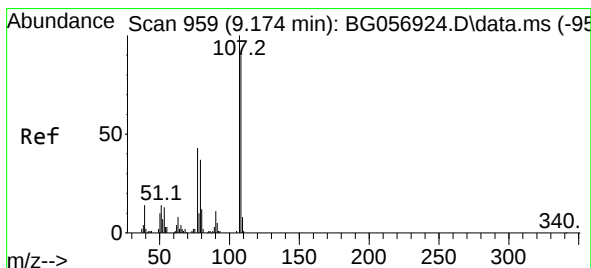
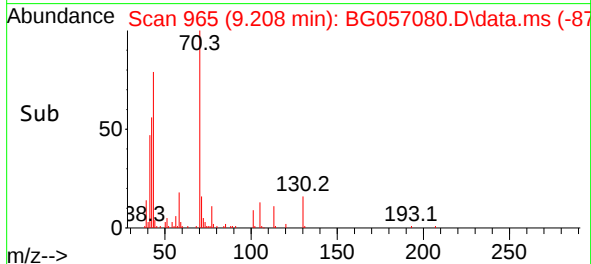
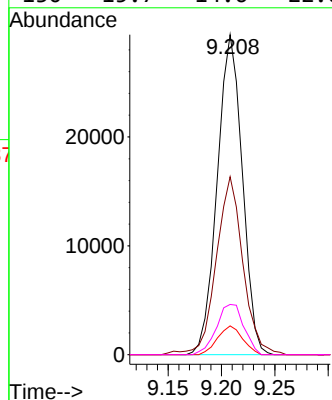
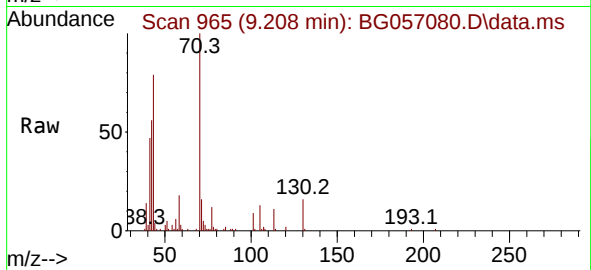




#19
n-Nitroso-di-n-propylamine
Concen: 46.333 ng
RT: 9.208 min Scan# 919
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

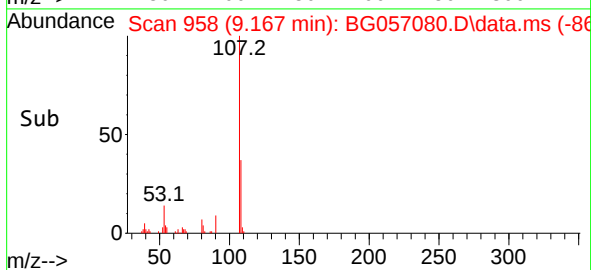
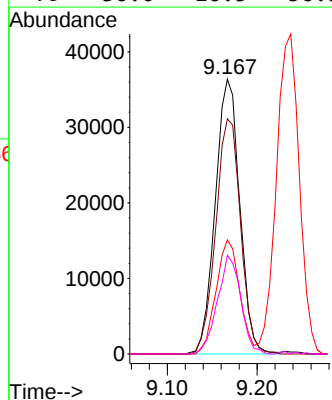
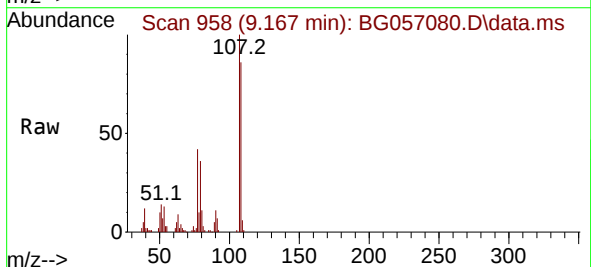
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

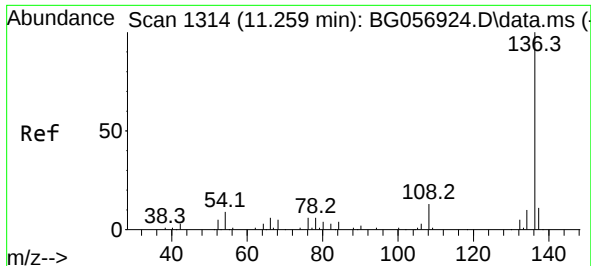
Tgt Ion: 70 Resp: 47963
Ion Ratio Lower Upper
70 100
42 55.6 43.4 65.0
101 9.0 6.2 9.2
130 15.7 14.6 22.0



#20
3+4-Methylphenols
Concen: 48.113 ng
RT: 9.167 min Scan# 958
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion: 107 Resp: 68832
Ion Ratio Lower Upper
107 100
108 85.6 69.9 109.9
77 41.6 22.7 62.7
79 36.0 16.5 56.5

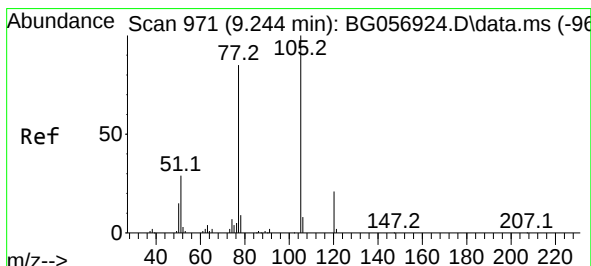
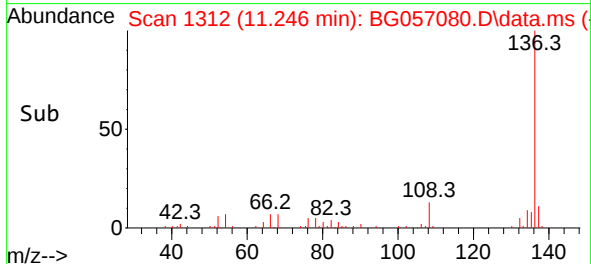
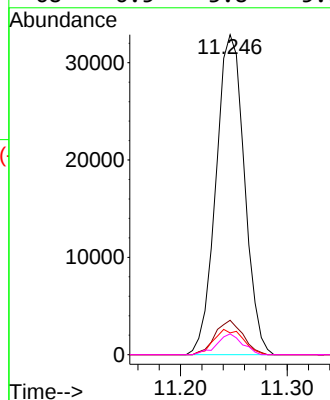
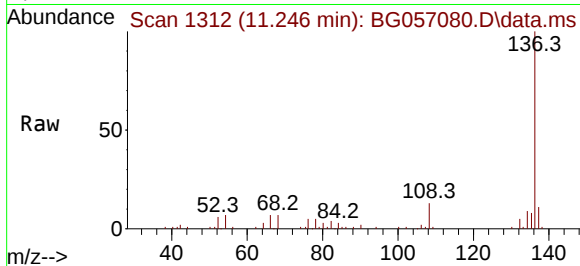




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.246 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

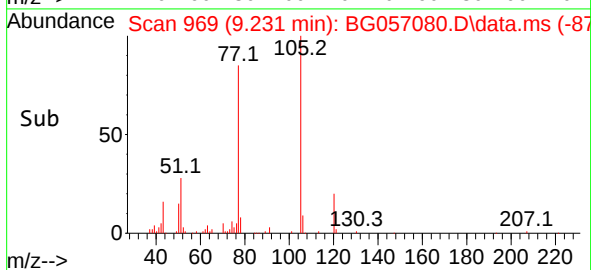
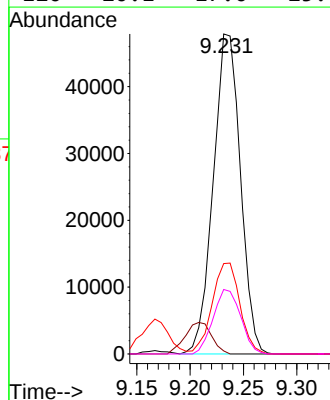
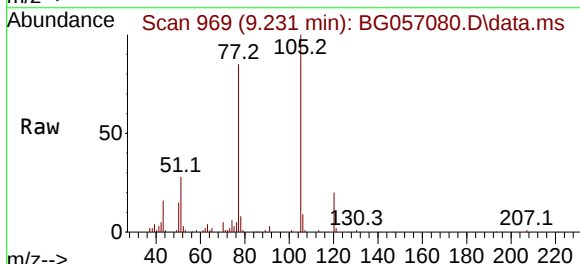
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

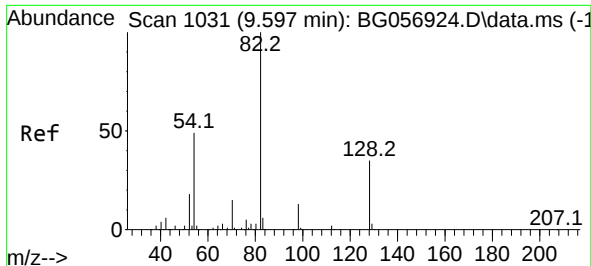
Tgt Ion:136	Resp:	60764
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 13.0
54	6.8	6.9 10.3#
68	6.5	3.8 5.6#



#22
Acetophenone
Concen: 46.881 ng
RT: 9.231 min Scan# 969
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:105	Resp:	84765
Ion Ratio	Lower	Upper
105	100	
71	1.0	0.7 1.1
51	28.3	23.8 35.8
120	20.1	17.0 25.4

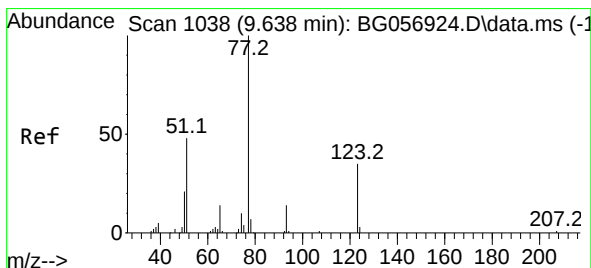
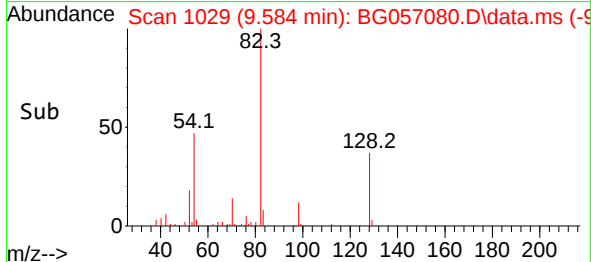
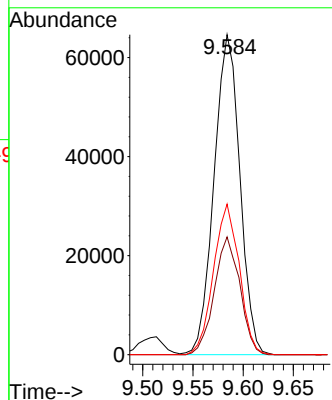
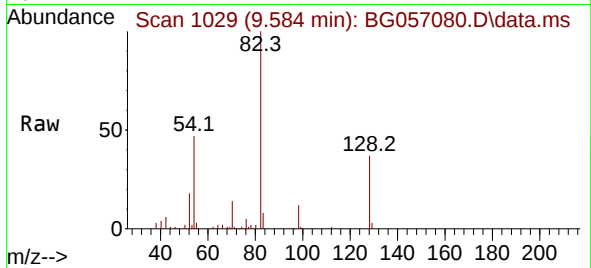




#23
Nitrobenzene-d5
Concen: 77.838 ng
RT: 9.584 min Scan# 1029
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

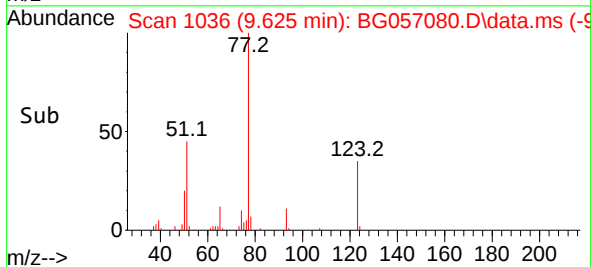
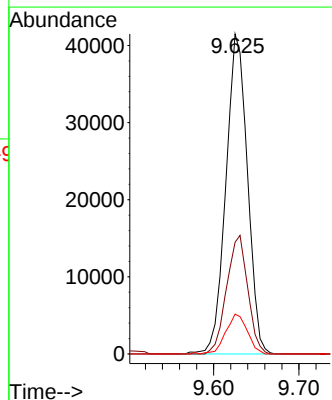
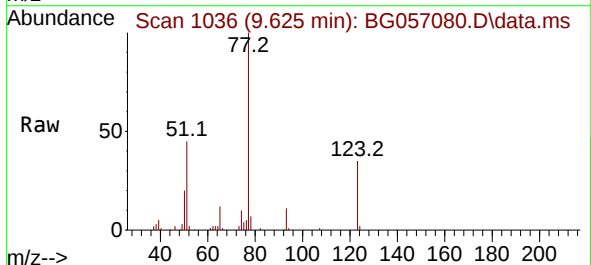
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

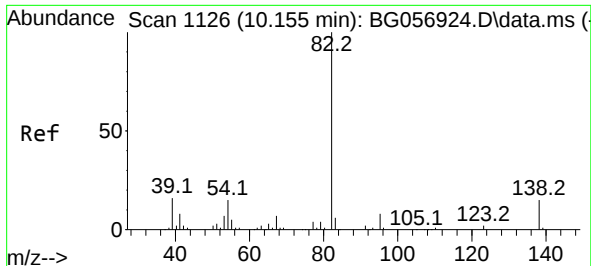
Tgt Ion: 82 Resp: 115592
Ion Ratio Lower Upper
82 100
128 36.8 27.9 41.9
54 47.1 39.4 59.2



#24
Nitrobenzene
Concen: 48.041 ng
RT: 9.625 min Scan# 1036
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion: 77 Resp: 72940
Ion Ratio Lower Upper
77 100
123 34.9 27.6 41.4
65 12.4 11.5 17.3

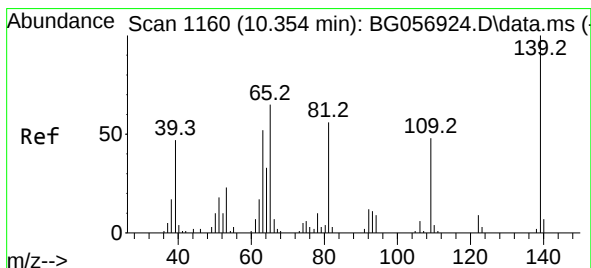
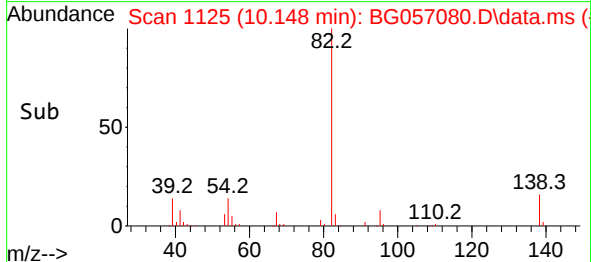
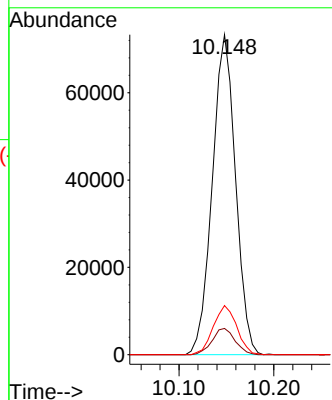
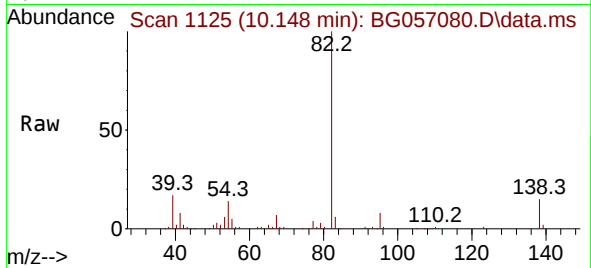




#25
Isophorone
Concen: 44.153 ng
RT: 10.148 min Scan# 1125
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

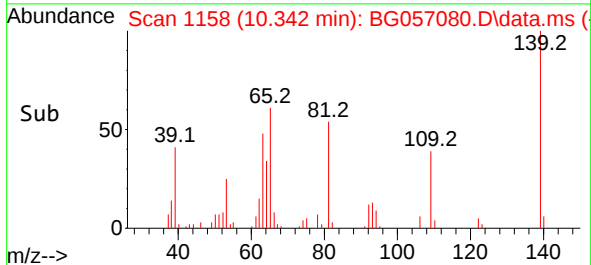
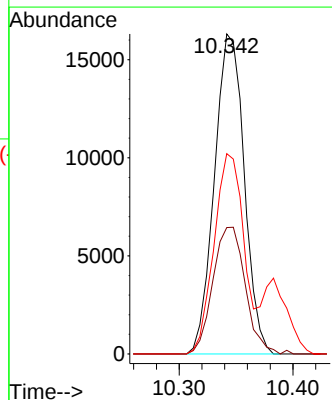
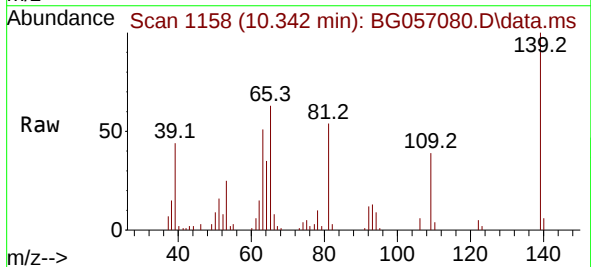
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion: 82 Resp: 124861
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 15.4 11.8 17.8



#26
2-Nitrophenol
Concen: 50.630 ng
RT: 10.342 min Scan# 1158
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:139 Resp: 29671
Ion Ratio Lower Upper
139 100
109 39.5 38.2 57.4
65 62.6 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 48.520 ng

RT: 10.383 min Scan# 1165

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

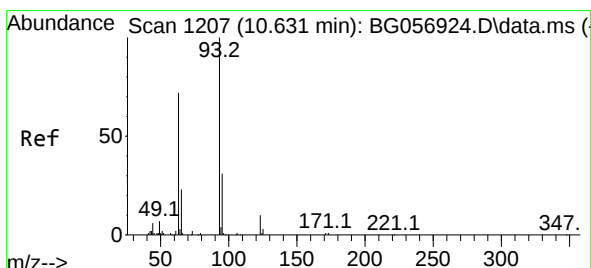
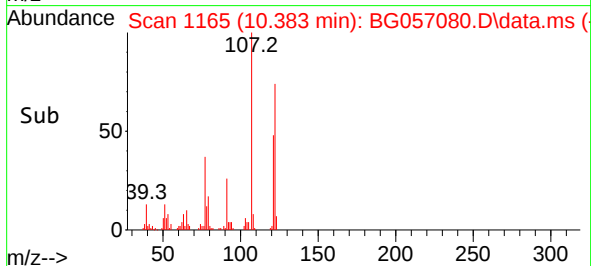
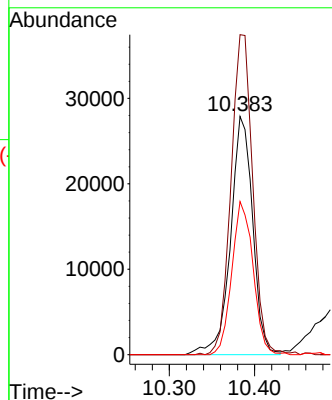
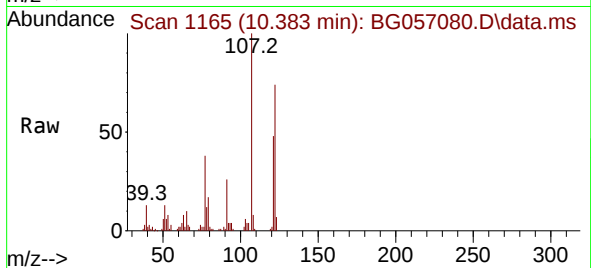
Tgt Ion:122 Resp: 50204

Ion Ratio Lower Upper

122 100

107 134.3 105.7 158.5

121 64.2 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.080 ng

RT: 10.624 min Scan# 1206

Delta R.T. 0.004 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

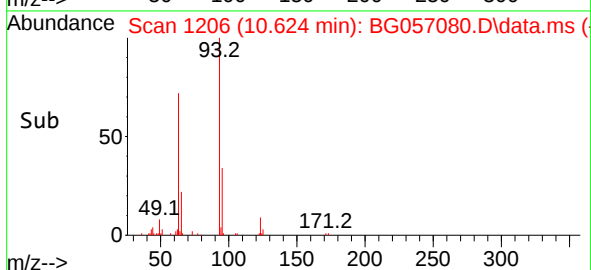
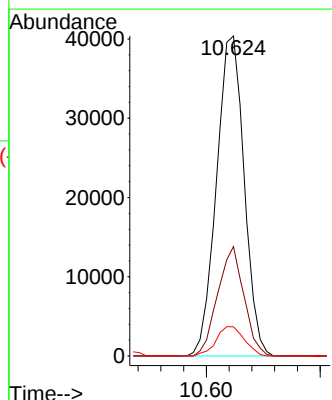
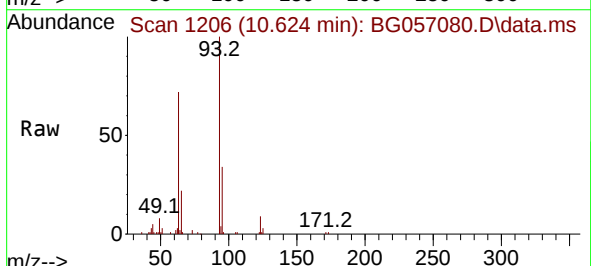
Tgt Ion: 93 Resp: 68070

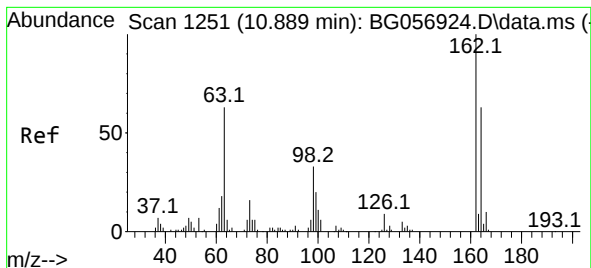
Ion Ratio Lower Upper

93 100

95 34.2 24.6 37.0

123 9.1 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 49.440 ng

RT: 10.882 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

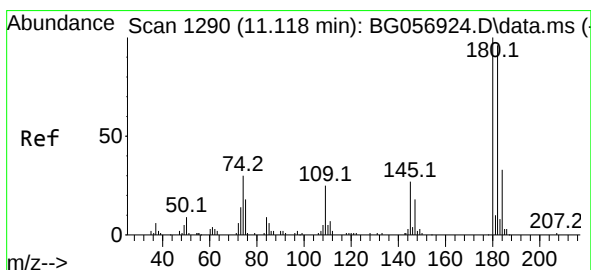
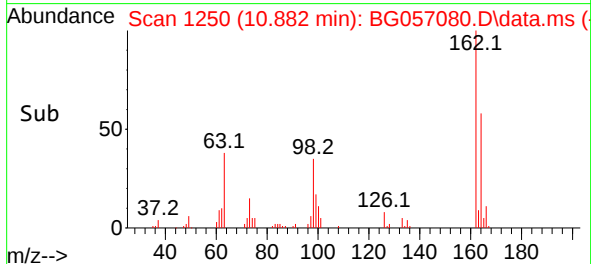
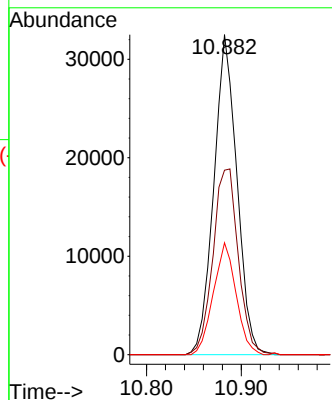
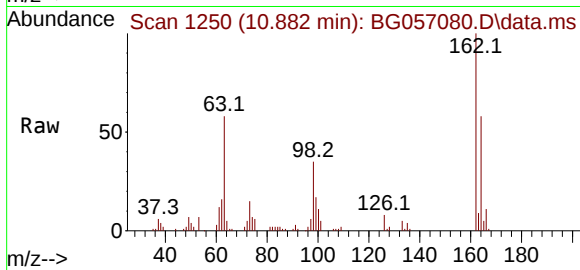
Tgt Ion:162 Resp: 55016

Ion Ratio Lower Upper

162 100

164 57.6 43.4 83.4

98 35.0 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 48.330 ng

RT: 11.105 min Scan# 1288

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

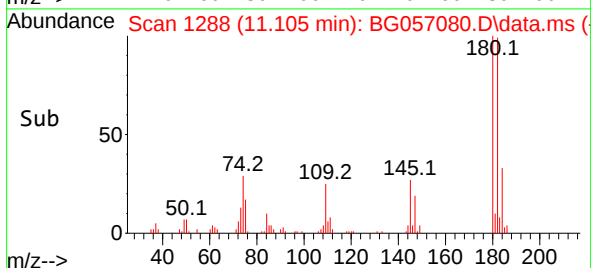
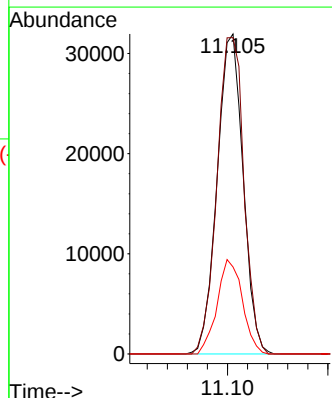
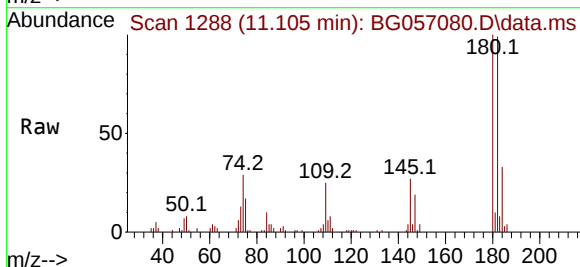
Tgt Ion:180 Resp: 57144

Ion Ratio Lower Upper

180 100

182 98.9 77.1 115.7

145 27.2 21.3 31.9

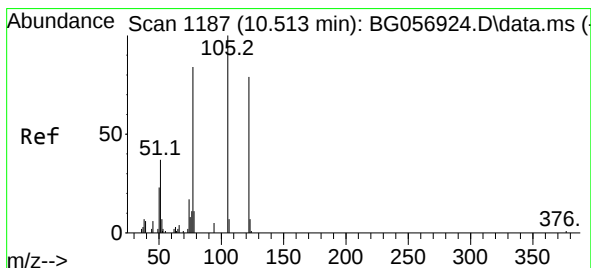
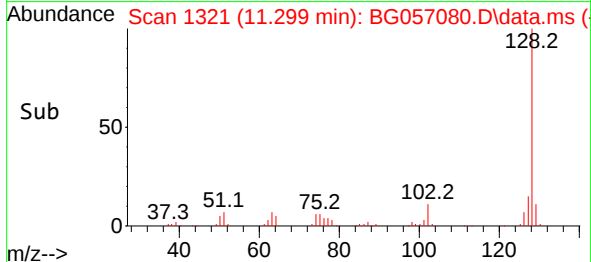
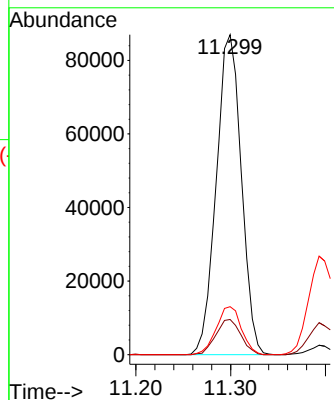
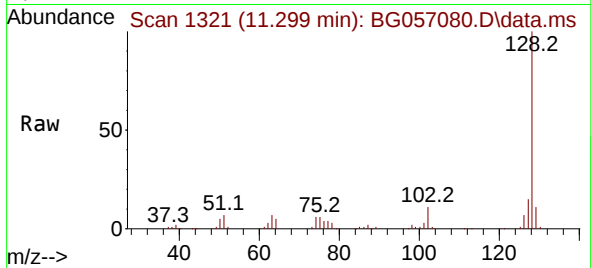




#31
Naphthalene
Concen: 48.183 ng
RT: 11.299 min Scan# 1129
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

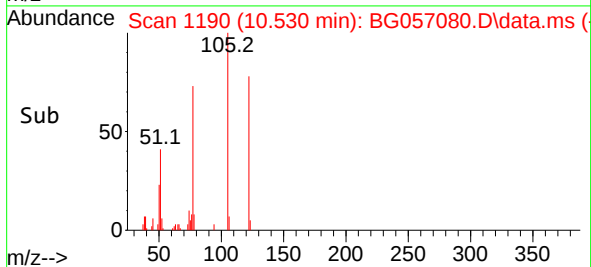
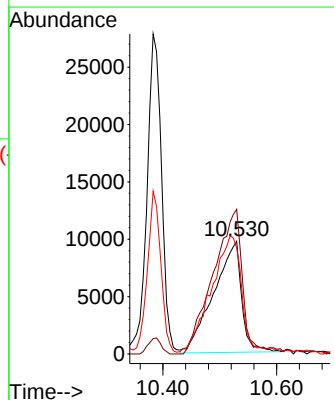
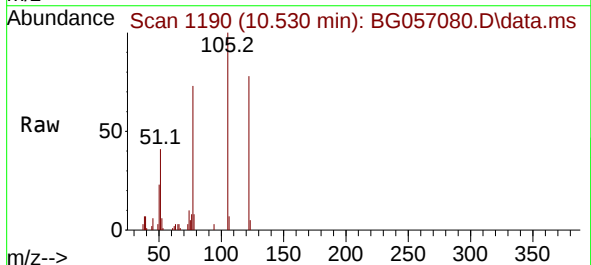
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

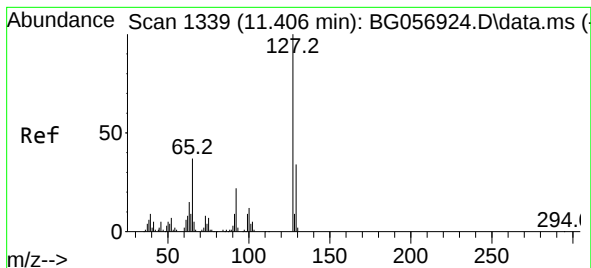
Tgt Ion:128 Resp: 159584
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 15.0 12.2 18.4



#32
Benzoic acid
Concen: 46.524 ng
RT: 10.530 min Scan# 1190
Delta R.T. 0.021 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:122 Resp: 33067
Ion Ratio Lower Upper
122 100
105 128.4 105.4 145.4
77 94.1 87.4 127.4





#33

4-Chloroaniline

Concen: 34.356 ng

RT: 11.393 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

Tgt Ion:127 Resp: 51392

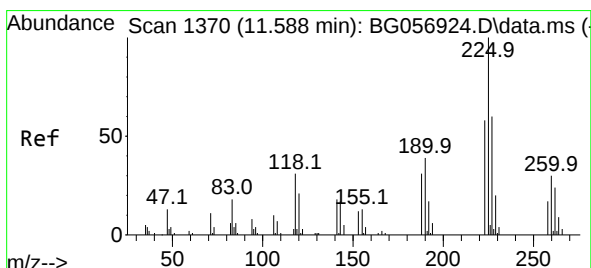
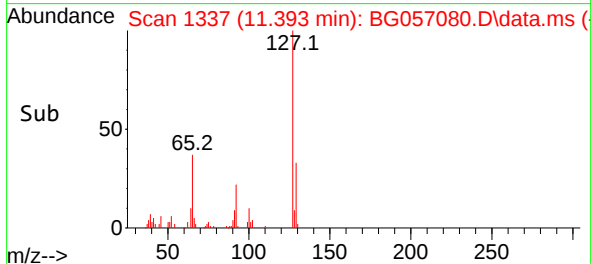
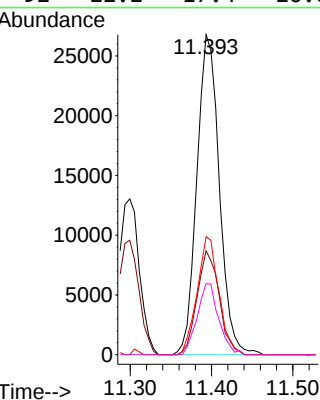
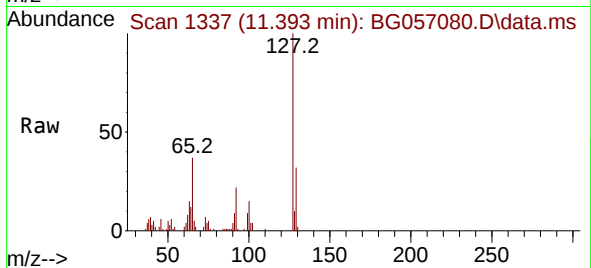
Ion Ratio Lower Upper

127 100

129 32.4 27.6 41.4

65 36.9 29.8 44.8

92 22.2 17.4 26.0



#34

Hexachlorobutadiene

Concen: 46.584 ng

RT: 11.570 min Scan# 1367

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

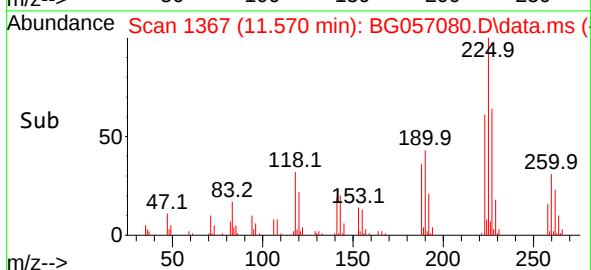
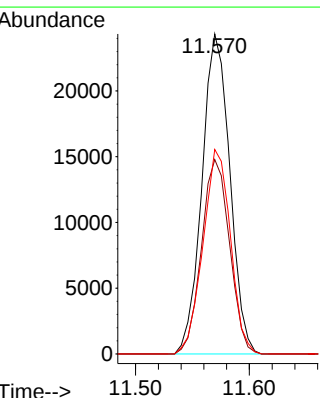
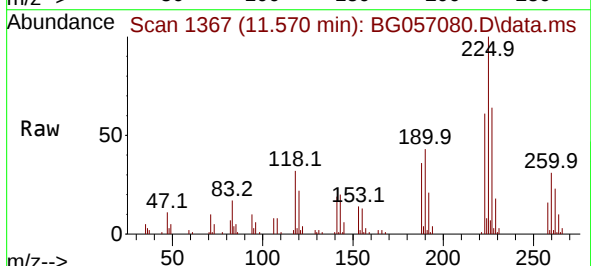
Tgt Ion:225 Resp: 41374

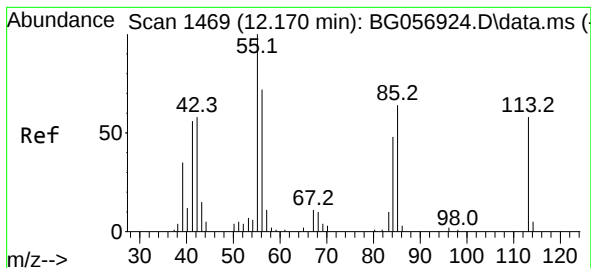
Ion Ratio Lower Upper

225 100

223 60.8 46.4 69.6

227 63.9 48.0 72.0





#35

Caprolactam

Concen: 28.781 ng

RT: 12.157 min Scan# 1467

Delta R.T. -0.008 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

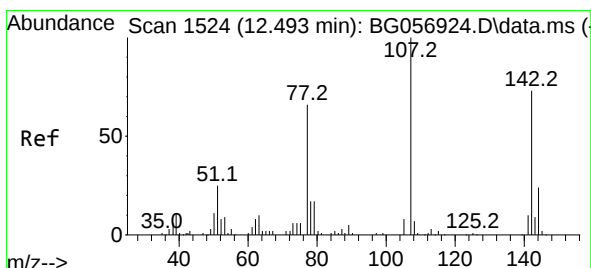
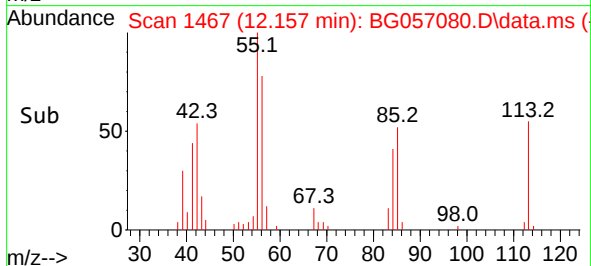
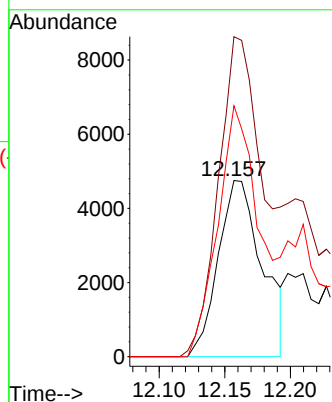
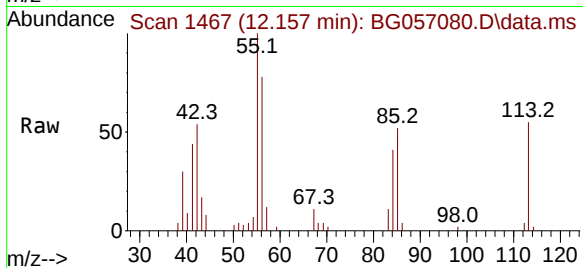
Tgt Ion:113 Resp: 11045

Ion Ratio Lower Upper

113 100

55 181.7 151.6 191.6

56 142.5 103.7 143.7



#36

4-Chloro-3-methylphenol

Concen: 46.222 ng

RT: 12.486 min Scan# 1523

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

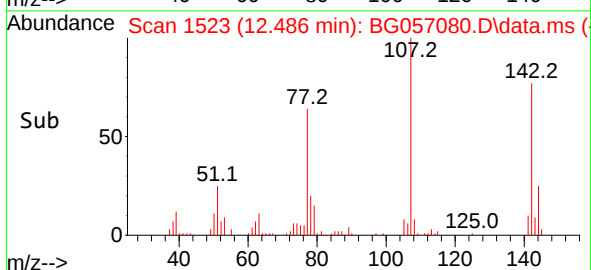
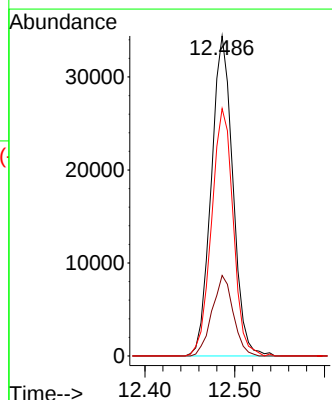
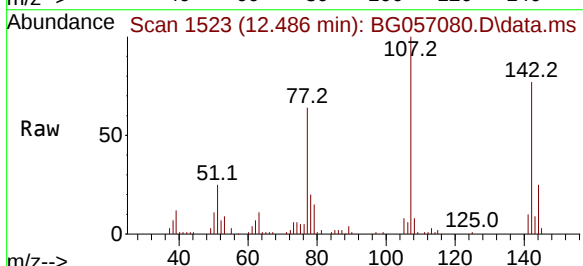
Tgt Ion:107 Resp: 57521

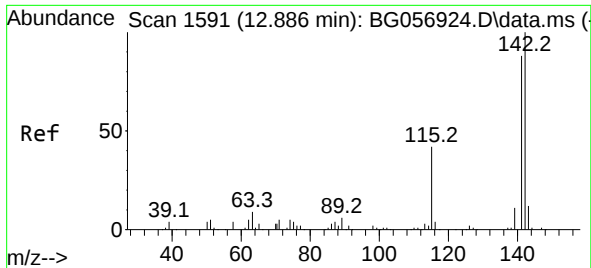
Ion Ratio Lower Upper

107 100

144 25.2 19.0 28.4

142 77.3 58.6 88.0

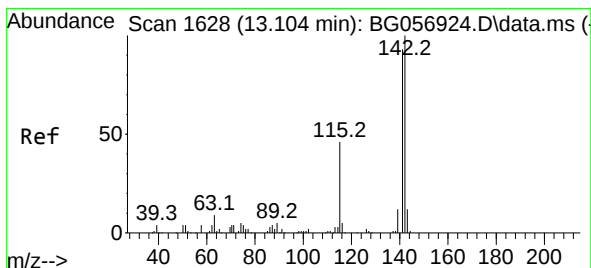
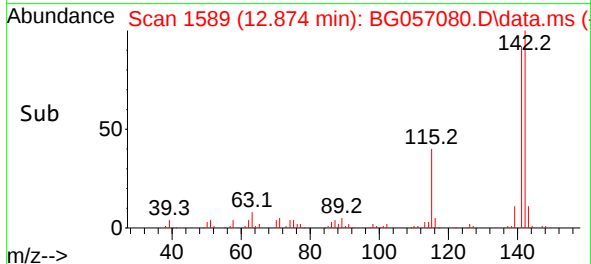
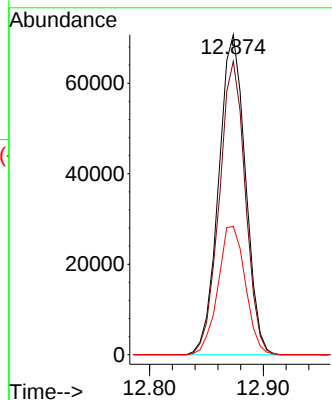
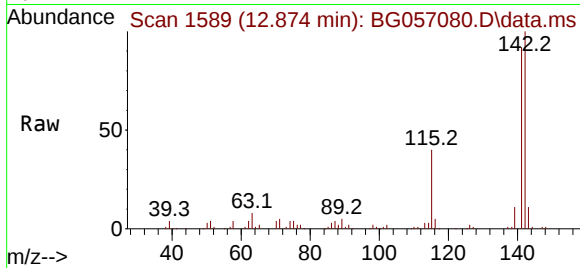




#37
2-Methylnaphthalene
Concen: 43.881 ng
RT: 12.874 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

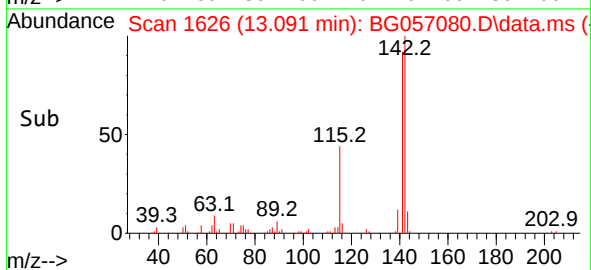
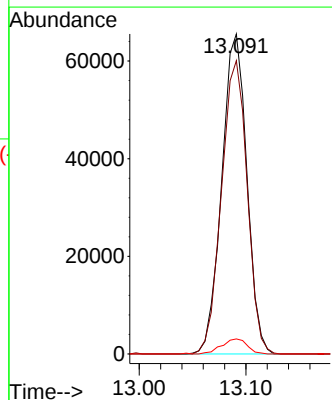
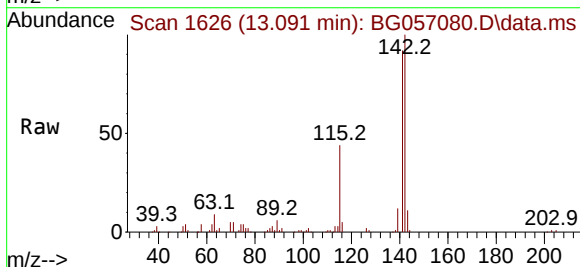
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

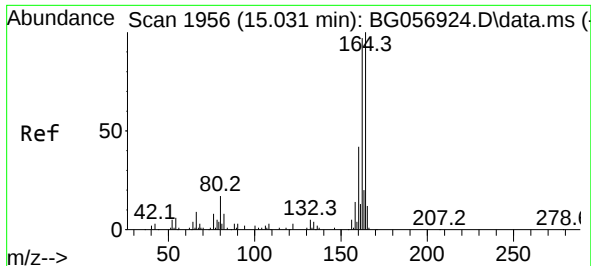
Tgt Ion:142 Resp: 115349
Ion Ratio Lower Upper
142 100
141 91.7 70.3 105.5
115 40.0 33.5 50.3



#38
1-Methylnaphthalene
Concen: 43.417 ng
RT: 13.091 min Scan# 1626
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:142 Resp: 107167
Ion Ratio Lower Upper
142 100
141 91.7 74.0 111.0
116 4.7 3.7 5.5

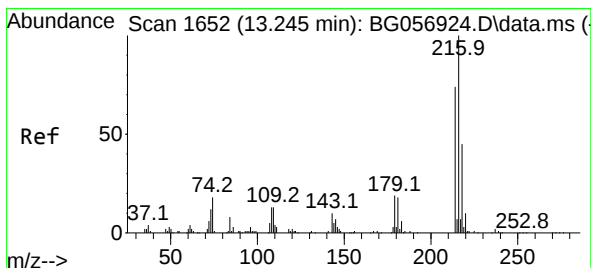
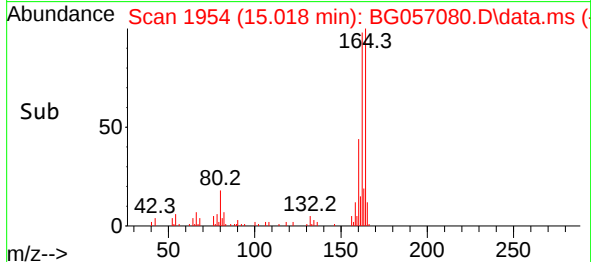
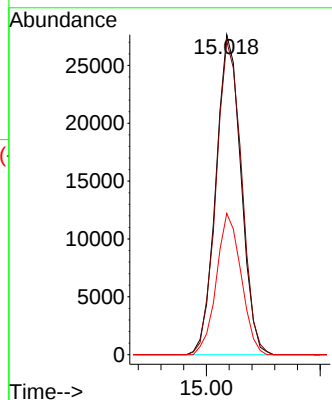
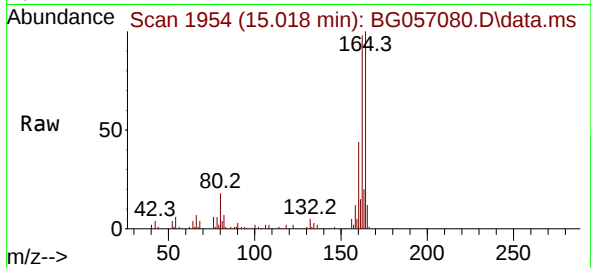




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.018 min Scan# 1954
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

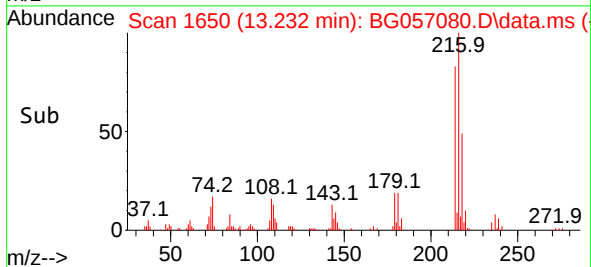
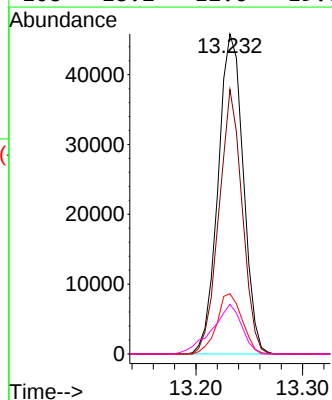
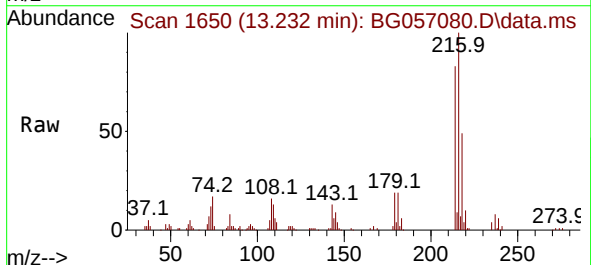
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

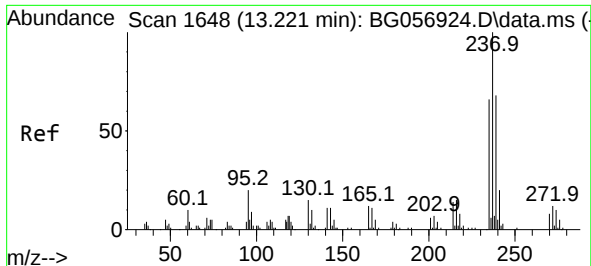
Tgt Ion:164 Resp: 42251
Ion Ratio Lower Upper
164 100
162 97.9 77.8 116.8
160 44.2 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.158 ng
RT: 13.232 min Scan# 1650
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

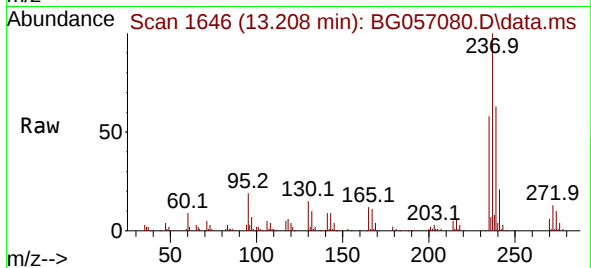
Tgt Ion:216 Resp: 74954
Ion Ratio Lower Upper
216 100
214 76.3 63.3 94.9
179 18.9 15.0 22.6
108 18.2 12.6 19.0



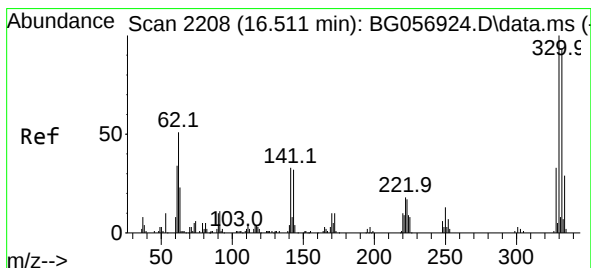
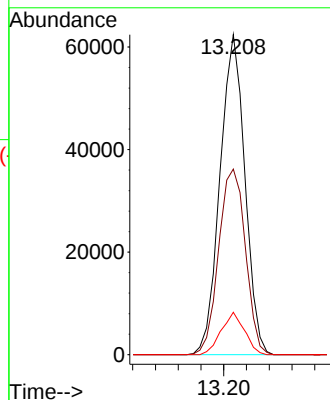
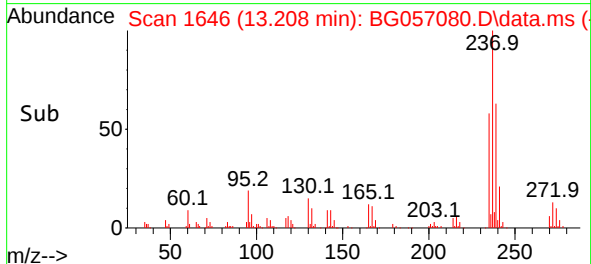


#41
Hexachlorocyclopentadiene
Concen: 117.554 ng
RT: 13.208 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

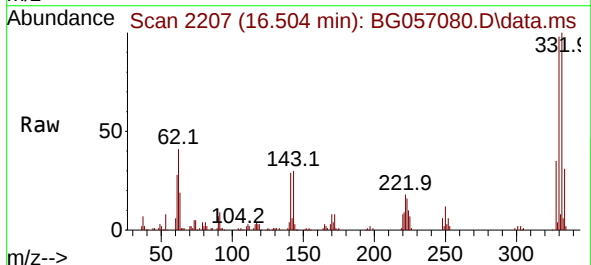
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



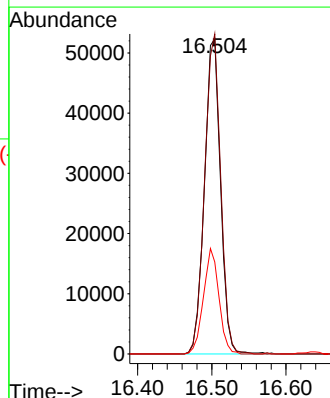
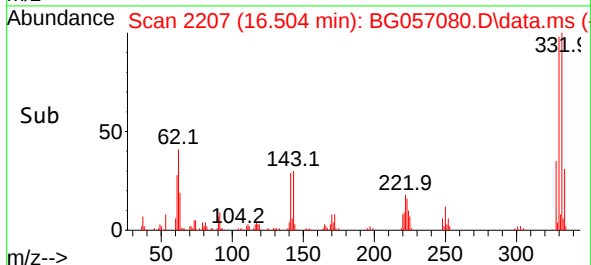
Tgt Ion: 237 Resp: 94896
Ion Ratio Lower Upper
237 100
235 58.0 45.9 85.9
272 13.2 0.0 32.3

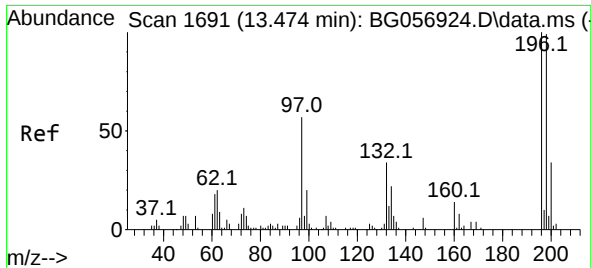


#42
2,4,6-Tribromophenol
Concen: 116.991 ng
RT: 16.504 min Scan# 2207
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24



Tgt Ion: 330 Resp: 78966
Ion Ratio Lower Upper
330 100
332 101.1 76.1 114.1
141 32.2 25.8 38.6

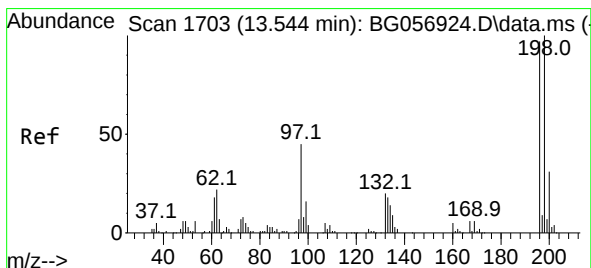
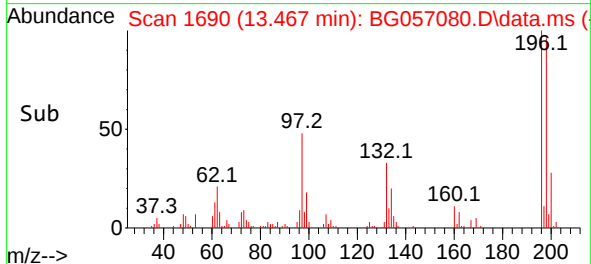
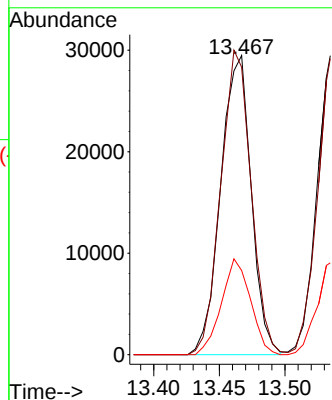
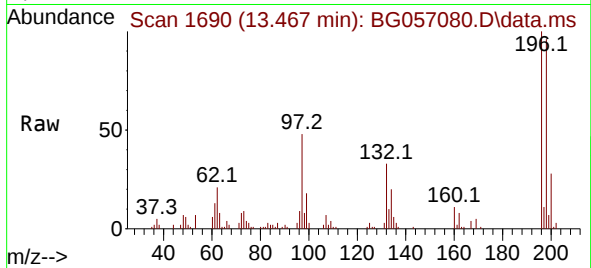




#43
2,4,6-Trichlorophenol
Concen: 51.019 ng
RT: 13.467 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

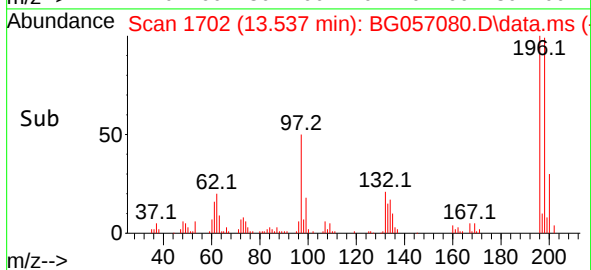
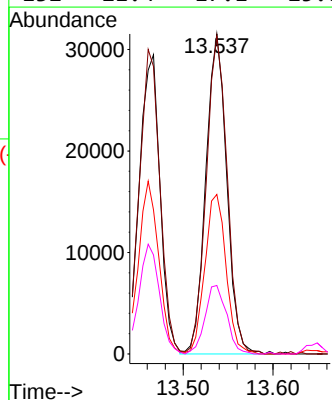
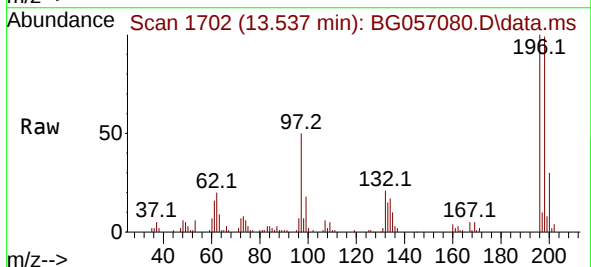
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

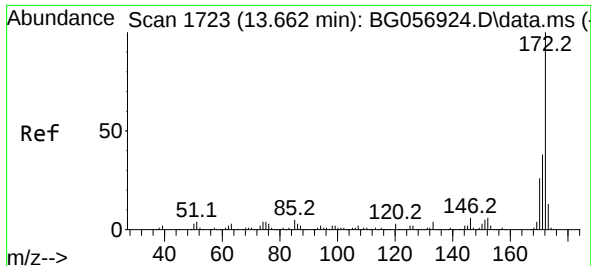
Tgt Ion:196 Resp: 47701
Ion Ratio Lower Upper
196 100
198 96.1 79.1 118.7
200 28.1 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 46.099 ng
RT: 13.537 min Scan# 1702
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:196 Resp: 51060
Ion Ratio Lower Upper
196 100
198 99.4 82.5 123.7
97 49.8 37.0 55.6
132 21.4 17.1 25.7

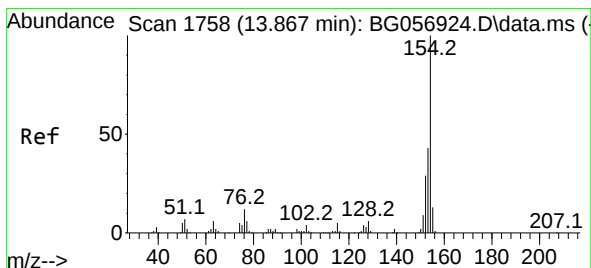
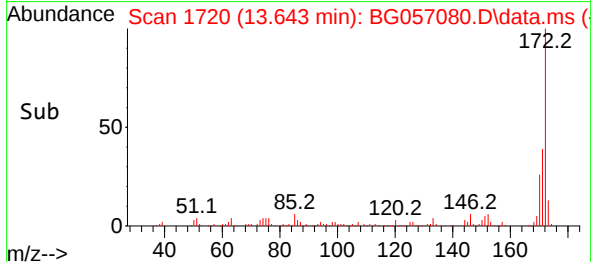
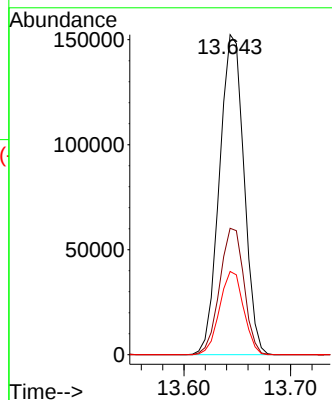
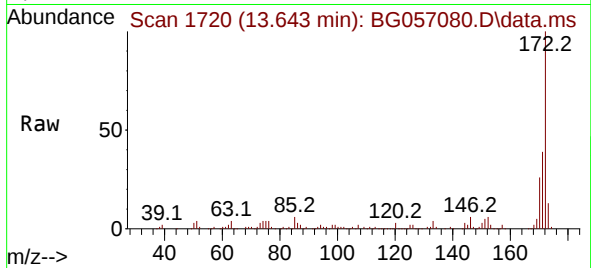




#45
2-Fluorobiphenyl
Concen: 78.096 ng
RT: 13.643 min Scan# 1720
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

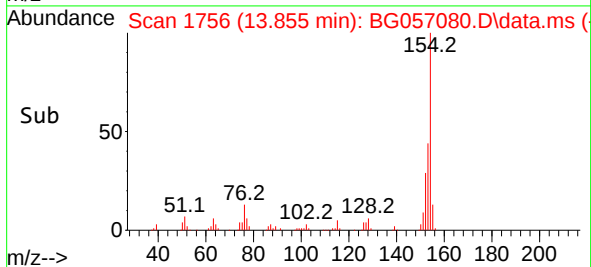
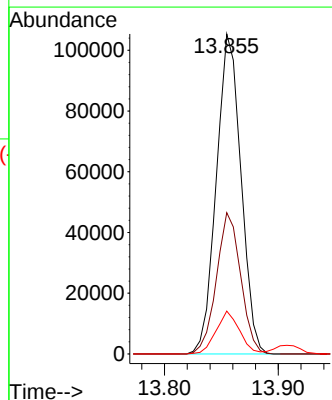
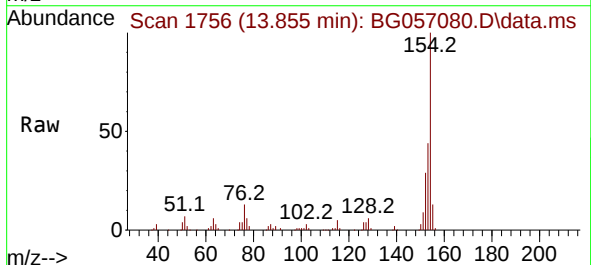
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion:172 Resp: 243334
Ion Ratio Lower Upper
172 100
171 39.5 30.6 46.0
170 26.0 20.6 30.8



#46
1,1'-Biphenyl
Concen: 51.230 ng
RT: 13.855 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:154 Resp: 158448
Ion Ratio Lower Upper
154 100
153 44.2 23.4 63.4
76 13.4 0.0 31.6

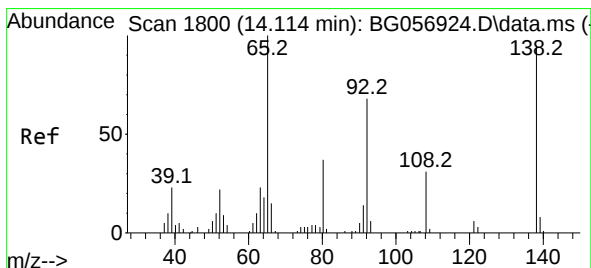
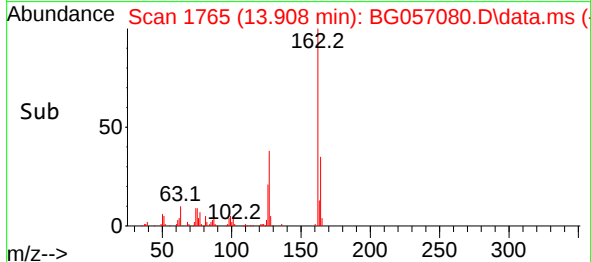
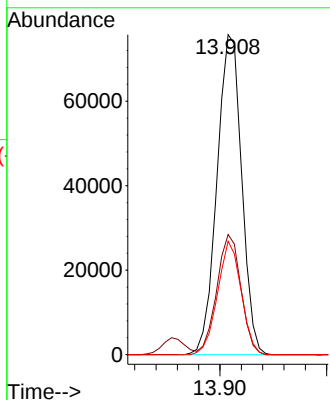
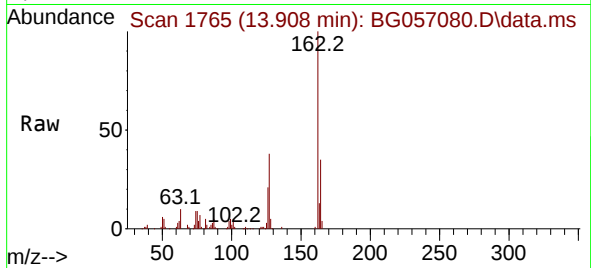




#47
2-Chloronaphthalene
Concen: 53.172 ng
RT: 13.908 min Scan# 1765
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

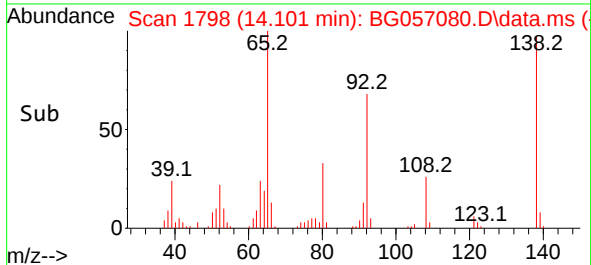
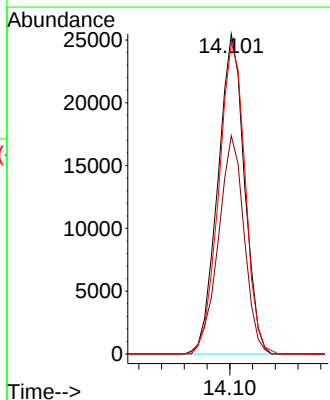
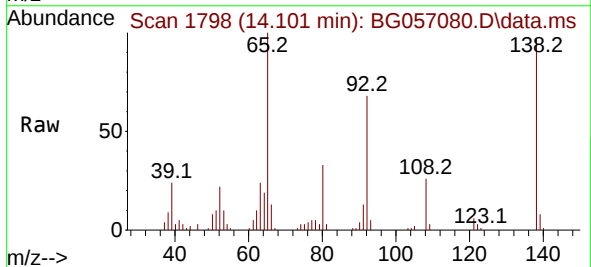
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

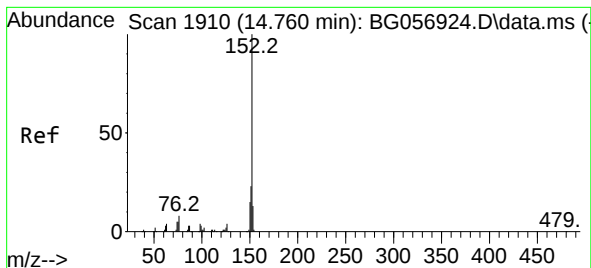
Tgt Ion:162 Resp: 121630
Ion Ratio Lower Upper
162 100
127 37.6 29.5 44.3
164 35.4 25.5 38.3



#48
2-Nitroaniline
Concen: 50.292 ng
RT: 14.101 min Scan# 1798
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion: 65 Resp: 41136
Ion Ratio Lower Upper
65 100
92 68.2 54.3 81.5
138 97.4 76.0 114.0





#49

Acenaphthylene

Concen: 50.145 ng

RT: 14.748 min Scan# 1910

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

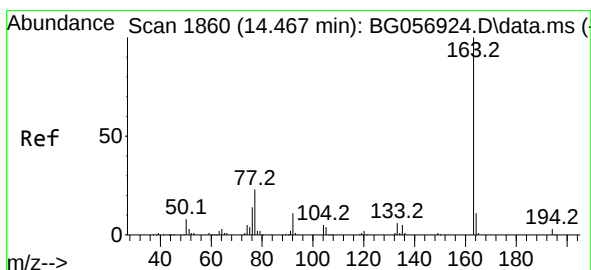
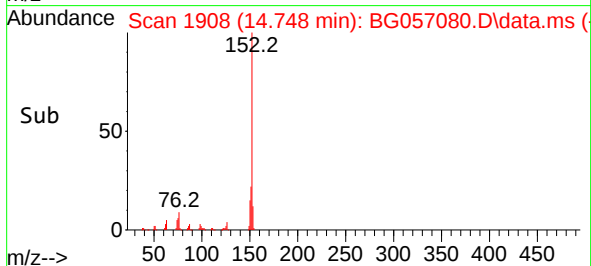
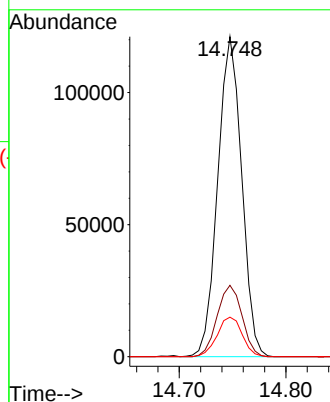
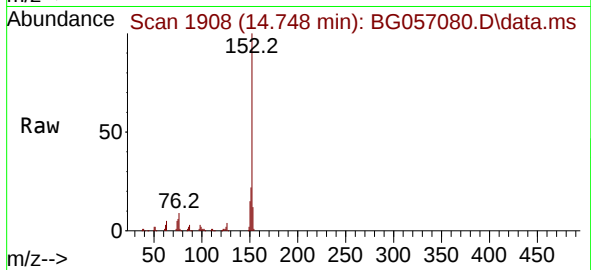
Tgt Ion:152 Resp: 188463

Ion Ratio Lower Upper

152 100

151 22.3 18.2 27.2

153 12.3 10.5 15.7



#50

Dimethylphthalate

Concen: 47.564 ng

RT: 14.454 min Scan# 1858

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

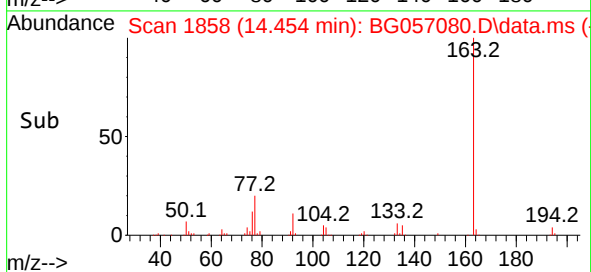
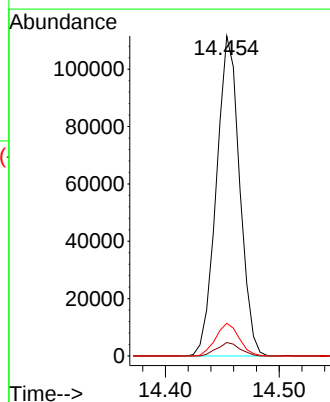
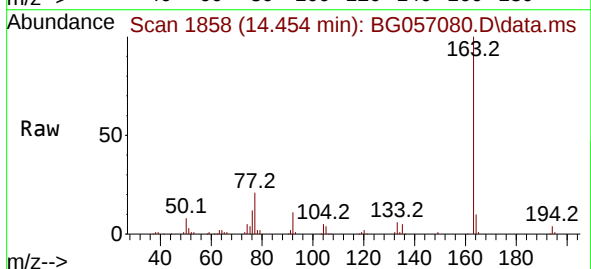
Tgt Ion:163 Resp: 158346

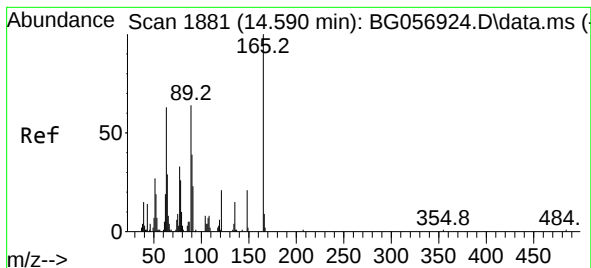
Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2

164 10.2 8.8 13.2

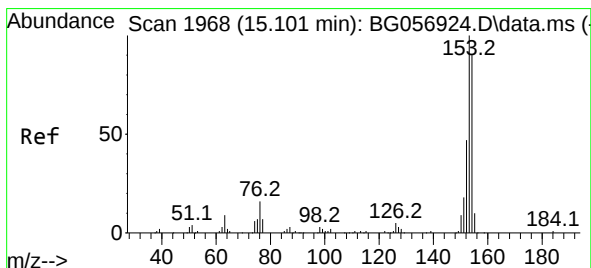
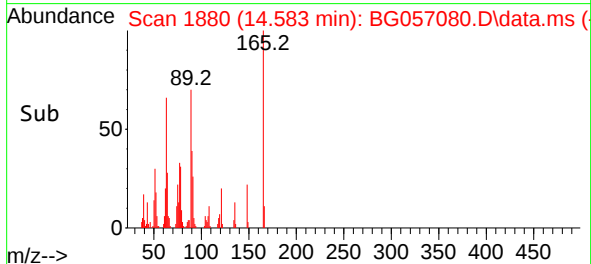
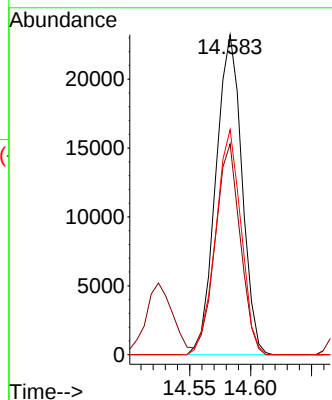
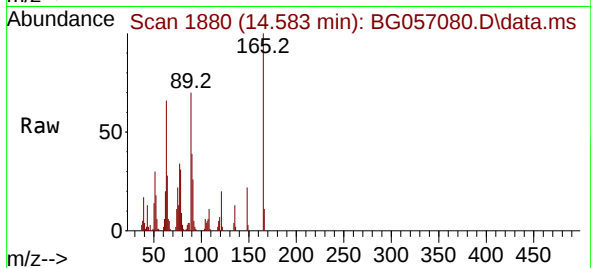




#51
2,6-Dinitrotoluene
Concen: 48.011 ng
RT: 14.583 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

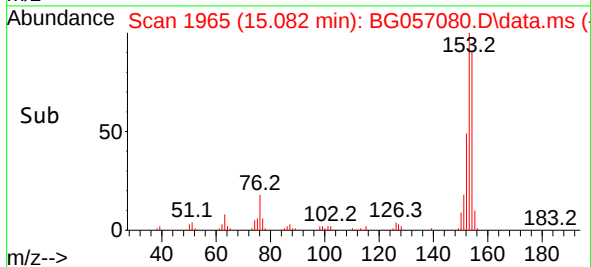
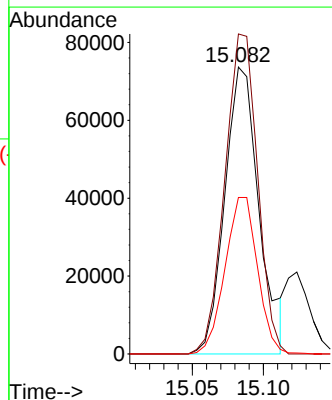
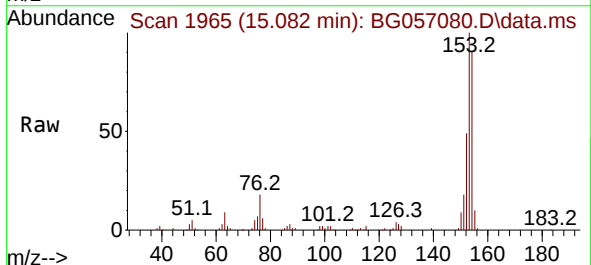
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion:165 Resp: 34533
Ion Ratio Lower Upper
165 100
63 65.9 53.0 79.6
89 70.4 51.0 76.4



#52
Acenaphthene
Concen: 47.567 ng
RT: 15.082 min Scan# 1965
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:154 Resp: 123296
Ion Ratio Lower Upper
154 100
153 111.6 88.9 133.3
152 54.5 41.8 62.8

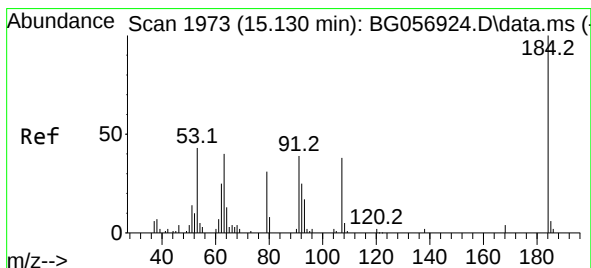
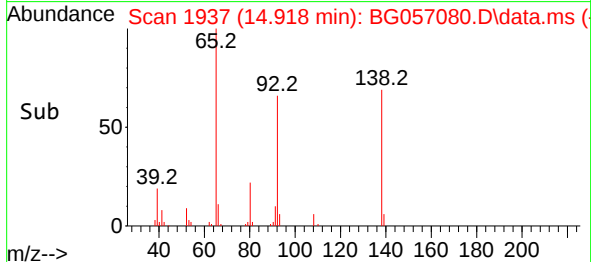
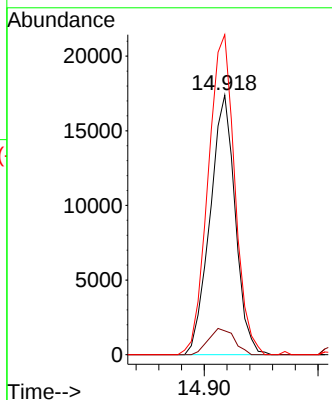
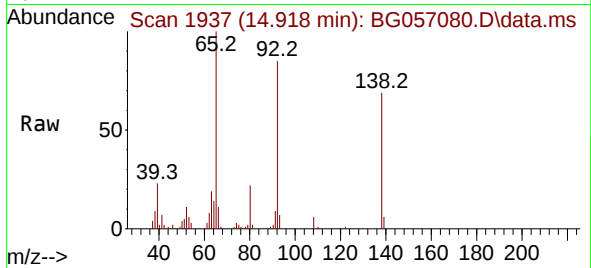




#53
3-Nitroaniline
Concen: 37.601 ng
RT: 14.918 min Scan# 1937
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

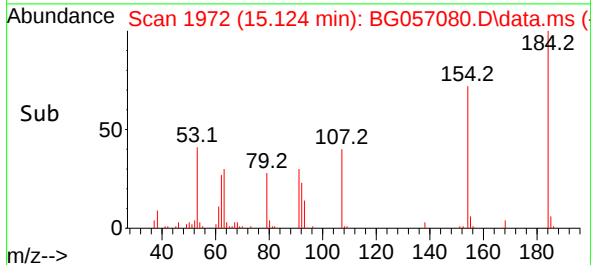
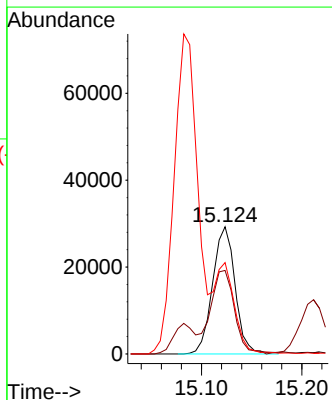
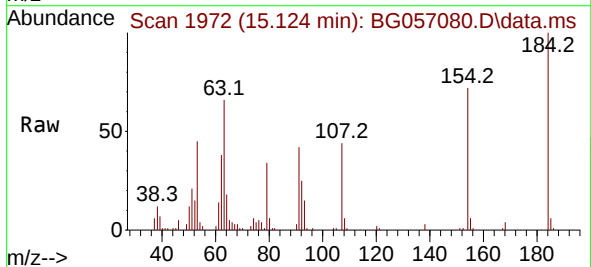
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

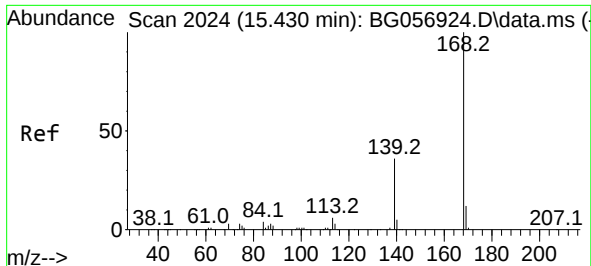
Tgt Ion:138 Resp: 26770
Ion Ratio Lower Upper
138 100
108 9.2 8.2 12.2
92 123.3 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 112.832 ng
RT: 15.124 min Scan# 1972
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:184 Resp: 45681
Ion Ratio Lower Upper
184 100
63 65.6 46.5 69.7
154 71.9 53.5 80.3

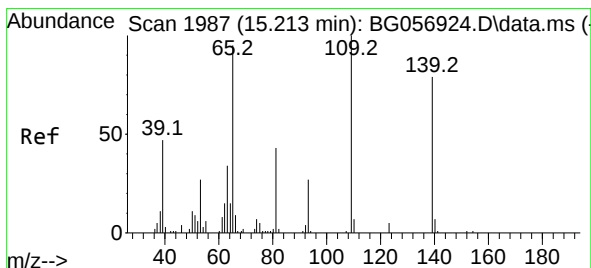
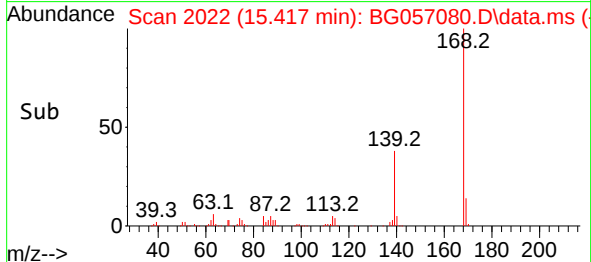
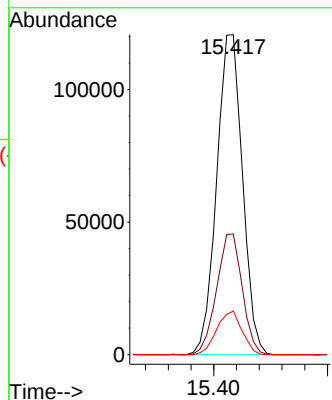
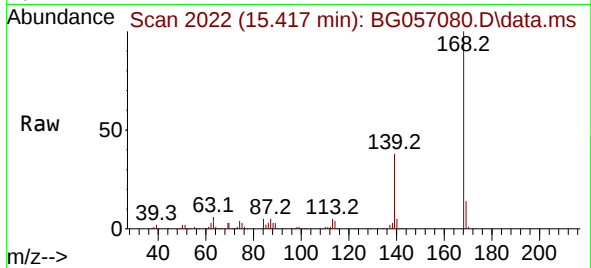




#55
Dibenzenofuran
Concen: 48.924 ng
RT: 15.417 min Scan# 2022
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

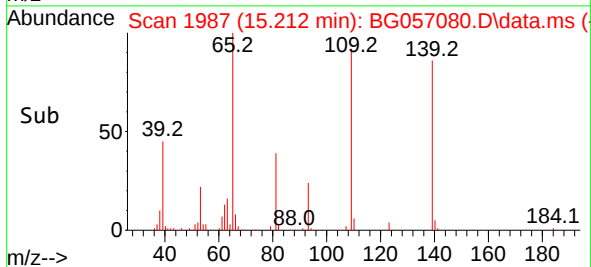
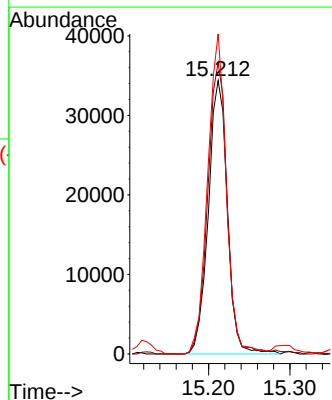
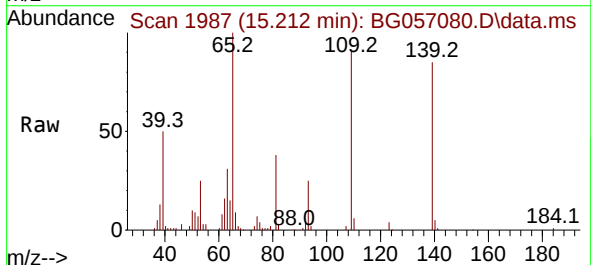
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

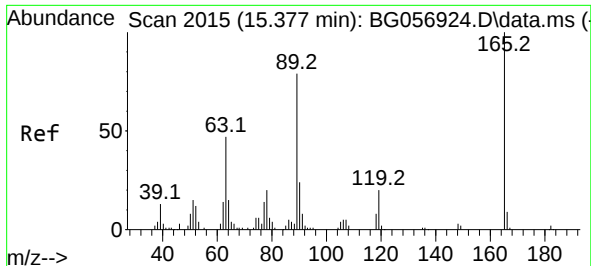
Tgt Ion:168 Resp: 190336
Ion Ratio Lower Upper
168 100
139 37.7 28.9 43.3
169 13.7 9.8 14.6



#56
4-Nitrophenol
Concen: 106.667 ng
RT: 15.212 min Scan# 1987
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:139 Resp: 56157
Ion Ratio Lower Upper
139 100
109 106.6 106.7 146.7#
65 117.0 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 48.157 ng

RT: 15.364 min Scan# 2013

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

Tgt Ion:165 Resp: 48854

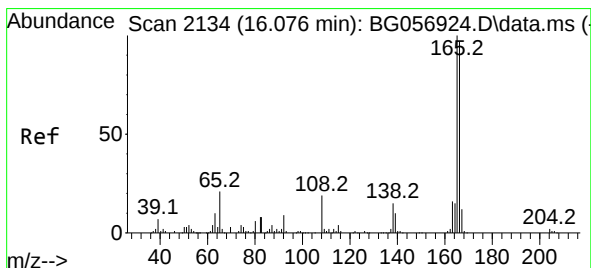
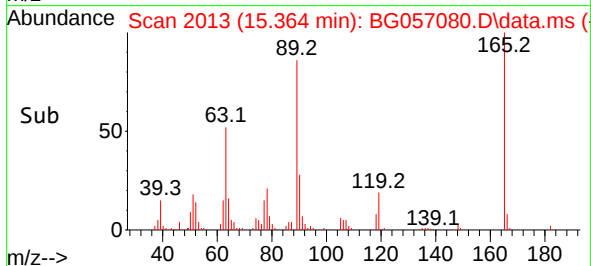
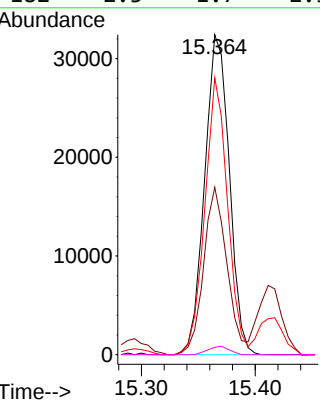
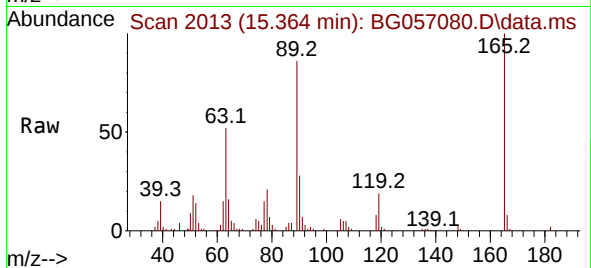
Ion Ratio Lower Upper

165 100

63 52.3 37.7 56.5

89 86.5 63.2 94.8

182 2.3 1.7 2.5



#58

Fluorene

Concen: 48.109 ng

RT: 16.058 min Scan# 2131

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

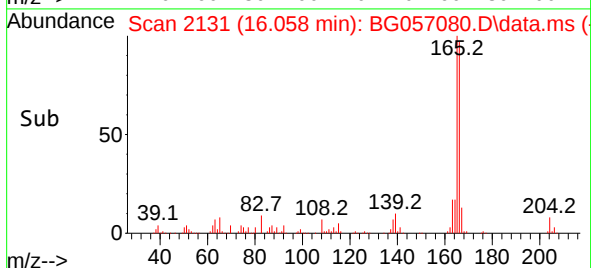
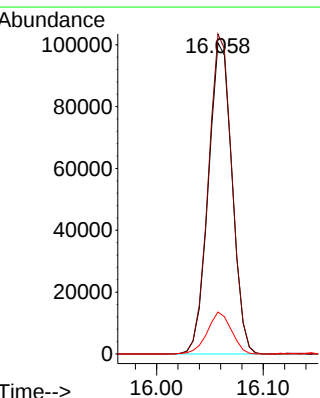
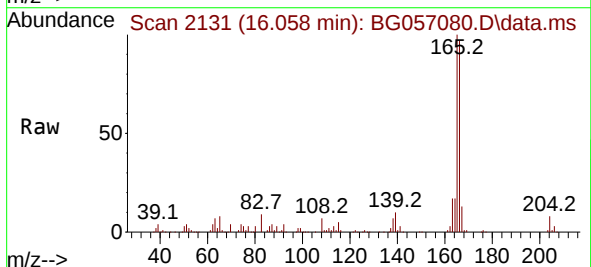
Tgt Ion:166 Resp: 154875

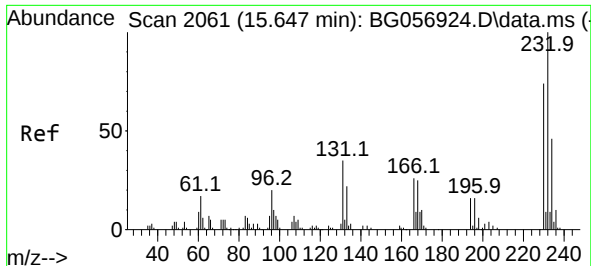
Ion Ratio Lower Upper

166 100

165 102.9 82.6 123.8

167 13.5 10.2 15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.638 ng

RT: 15.635 min Scan# 2061

Delta R.T. -0.002 min

Lab File: BG057080.D

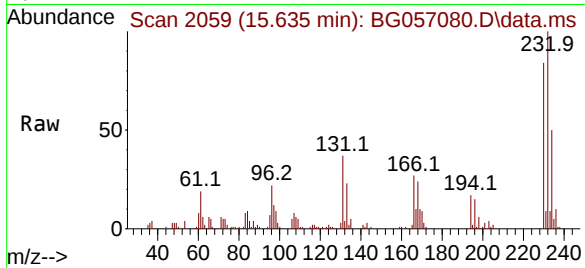
Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS



Tgt Ion:232 Resp: 49050

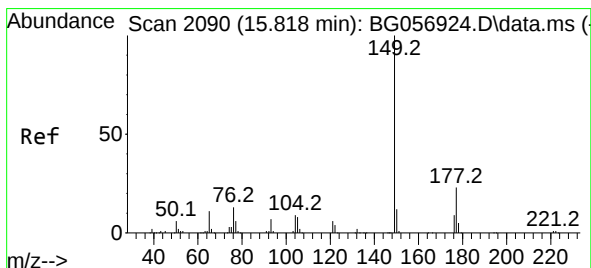
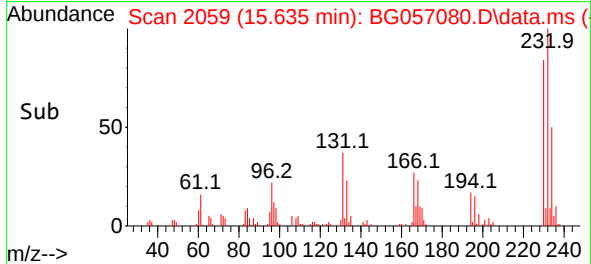
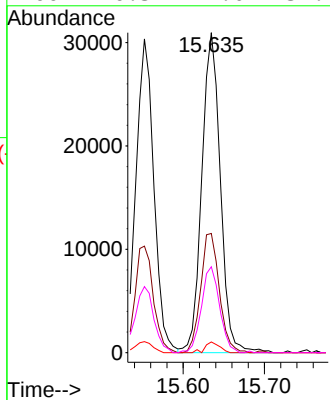
Ion Ratio Lower Upper

232 100

131 37.6 29.3 43.9

130 2.6 1.7 2.5#

166 26.3 21.0 31.6



#60

Diethylphthalate

Concen: 47.864 ng

RT: 15.805 min Scan# 2088

Delta R.T. 0.004 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

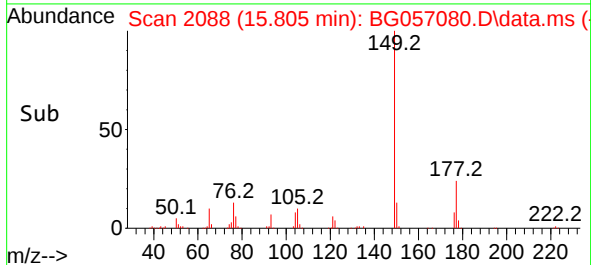
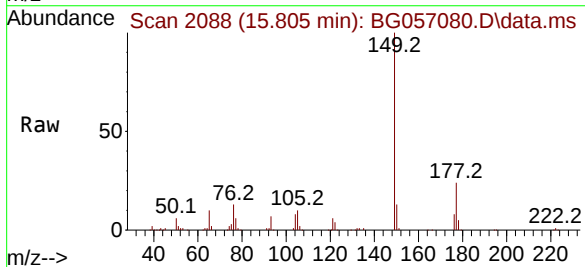
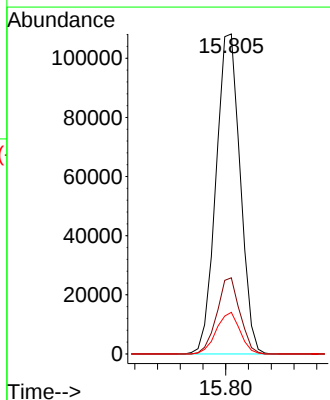
Tgt Ion:149 Resp: 159740

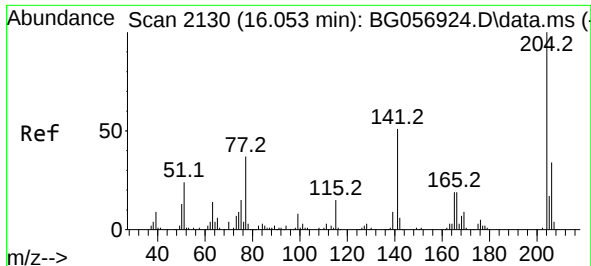
Ion Ratio Lower Upper

149 100

177 23.8 18.8 28.2

150 13.0 9.4 14.2

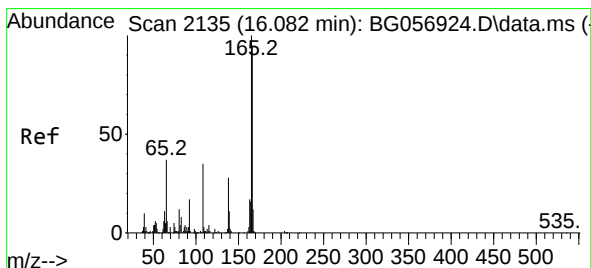
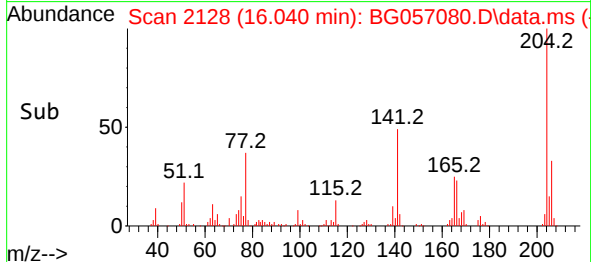
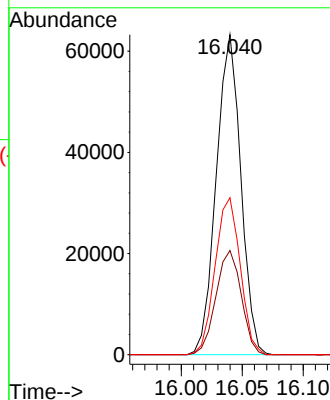
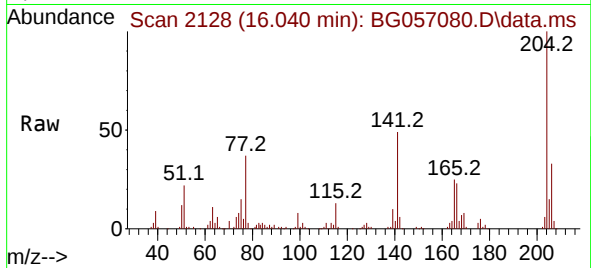




#61
4-Chlorophenyl-phenylether
Concen: 46.946 ng
RT: 16.040 min Scan# 2112
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

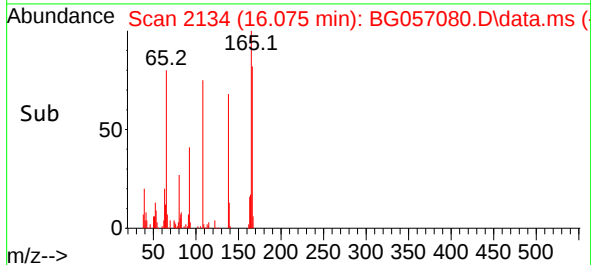
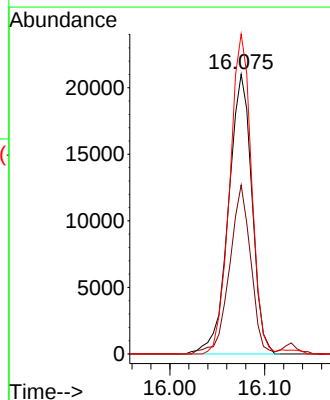
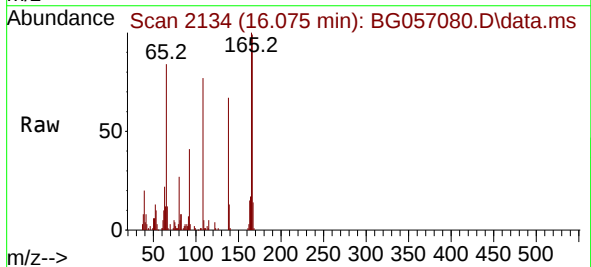
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

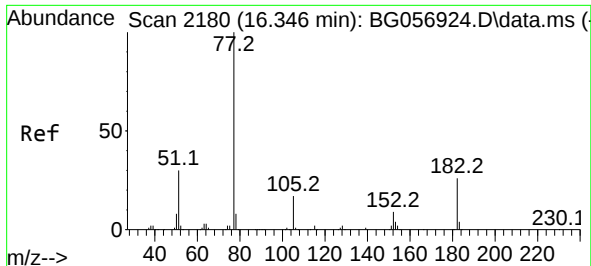
Tgt Ion:204 Resp: 88733
Ion Ratio Lower Upper
204 100
206 32.5 27.2 40.8
141 49.1 40.7 61.1



#62
4-Nitroaniline
Concen: 48.753 ng
RT: 16.075 min Scan# 2134
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:138 Resp: 35962
Ion Ratio Lower Upper
138 100
92 60.4 40.9 80.9
108 114.4 104.3 144.3

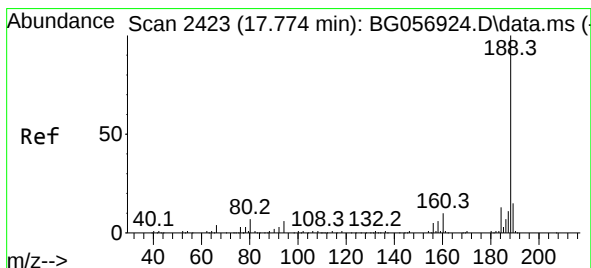
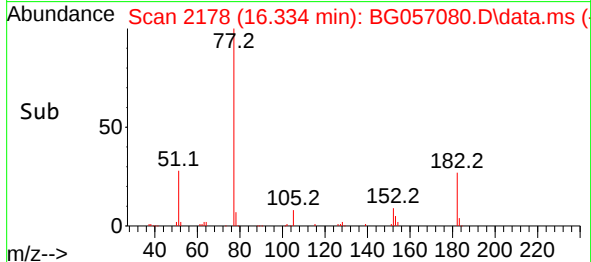
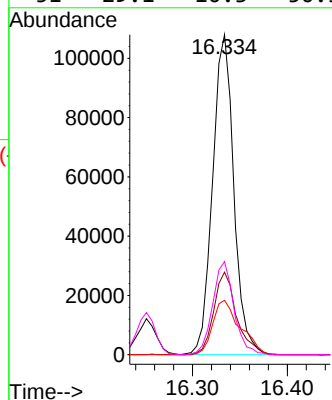
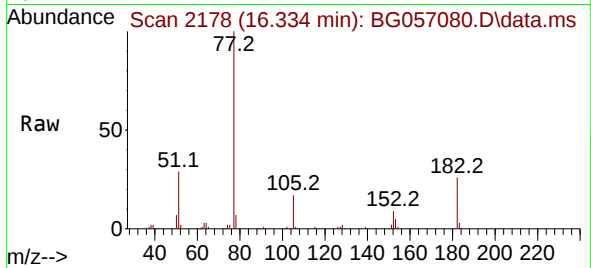




#63
Azobenzene
Concen: 50.433 ng
RT: 16.334 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

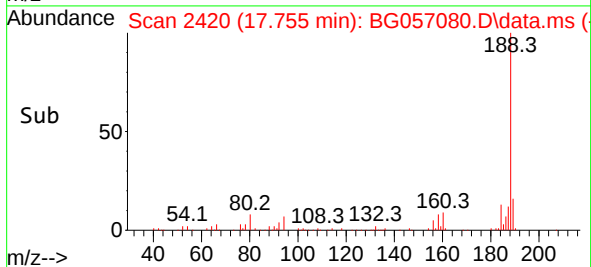
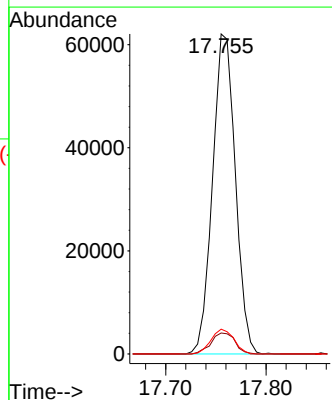
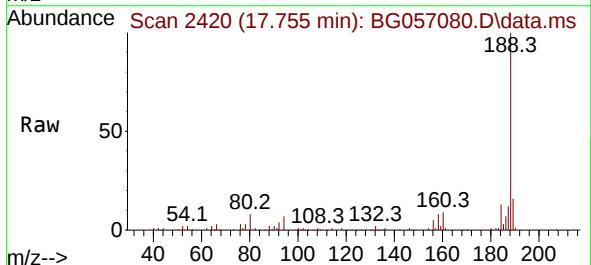
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

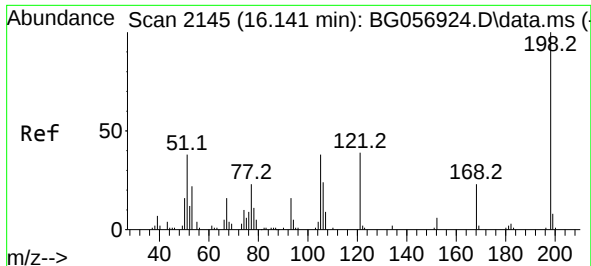
Tgt Ion: 77 Resp: 167741
Ion Ratio Lower Upper
77 100
182 25.8 5.9 45.9
105 17.0 0.0 36.8
51 29.1 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.755 min Scan# 2420
Delta R.T. -0.008 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:188 Resp: 97800
Ion Ratio Lower Upper
188 100
94 6.5 4.6 6.8
80 7.7 5.5 8.3

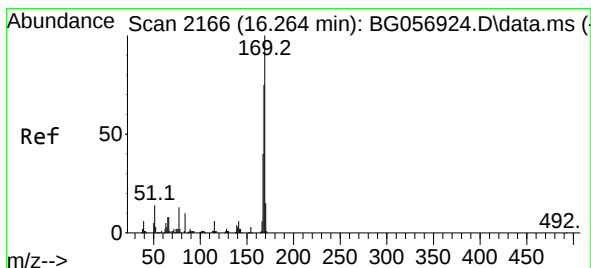
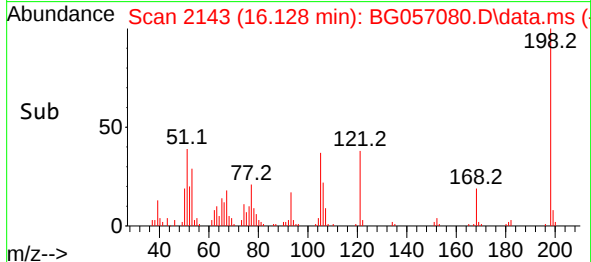
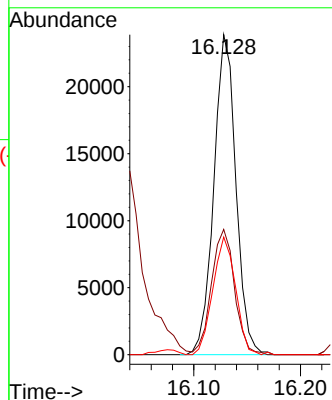
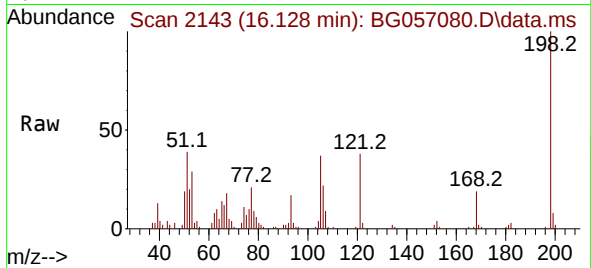




#65
4,6-Dinitro-2-methylphenol
Concen: 57.923 ng
RT: 16.128 min Scan# 2143
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

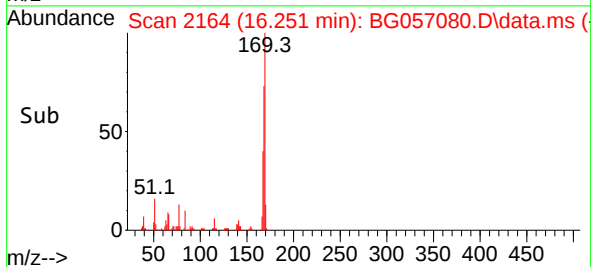
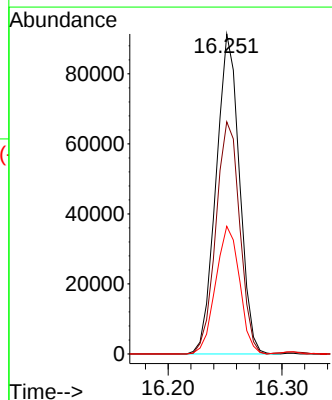
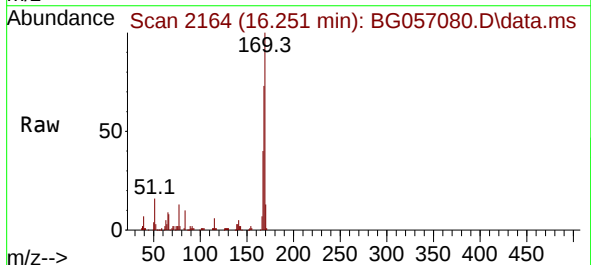
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

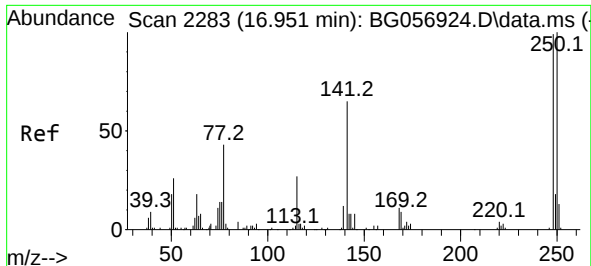
Tgt Ion:198 Resp: 34309
Ion Ratio Lower Upper
198 100
51 39.2 20.5 60.5
105 36.7 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 49.678 ng
RT: 16.251 min Scan# 2164
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:169 Resp: 130422
Ion Ratio Lower Upper
169 100
168 72.6 59.6 89.4
167 39.9 31.8 47.8

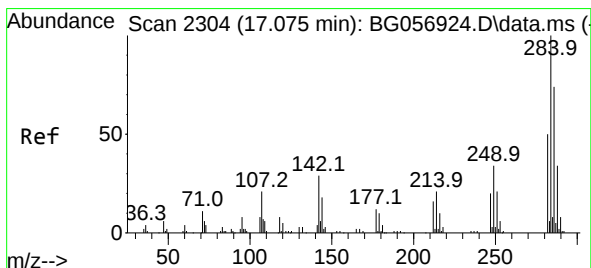
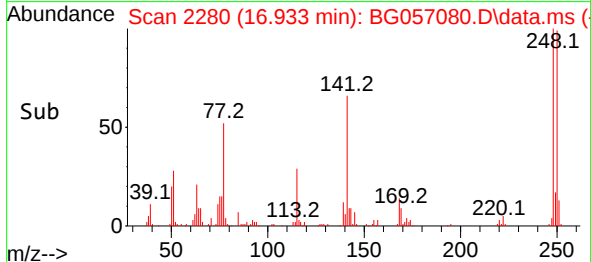
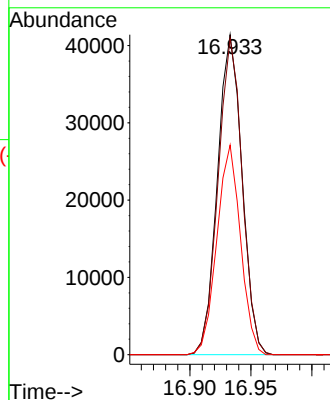
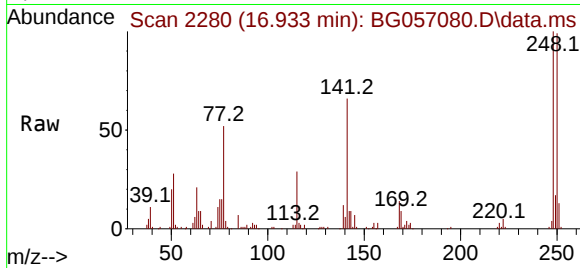




#67
 4-Bromophenyl-phenylether
 Concen: 47.916 ng
 RT: 16.933 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

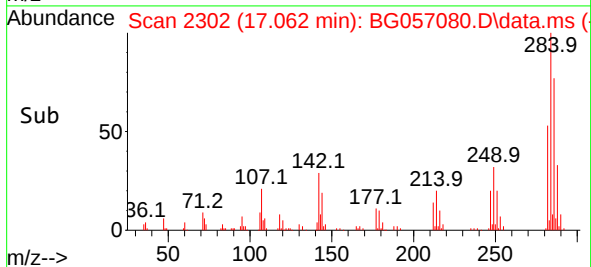
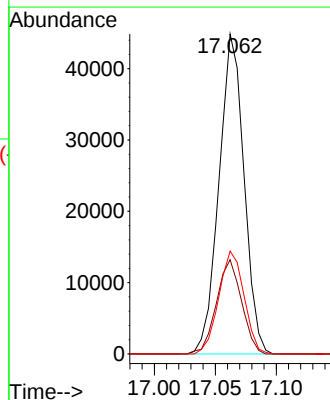
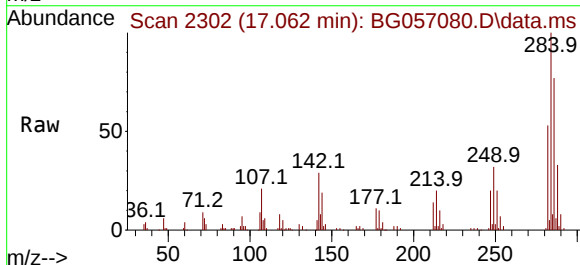
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MS

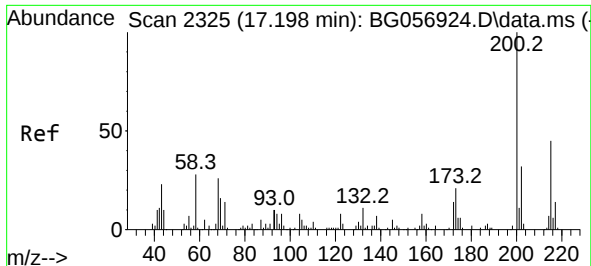
Tgt Ion:248 Resp: 57983
 Ion Ratio Lower Upper
 248 100
 250 98.9 80.5 120.7
 141 65.5 52.0 78.0



#68
 Hexachlorobenzene
 Concen: 53.489 ng
 RT: 17.062 min Scan# 2302
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

Tgt Ion:284 Resp: 63993
 Ion Ratio Lower Upper
 284 100
 142 29.5 23.0 34.4
 249 32.1 27.1 40.7

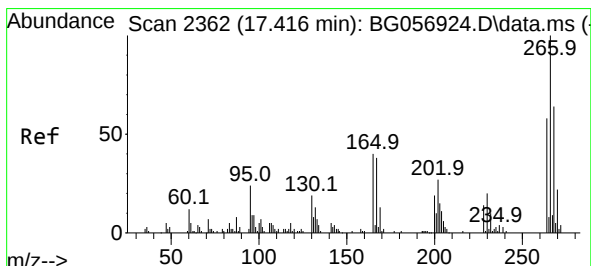
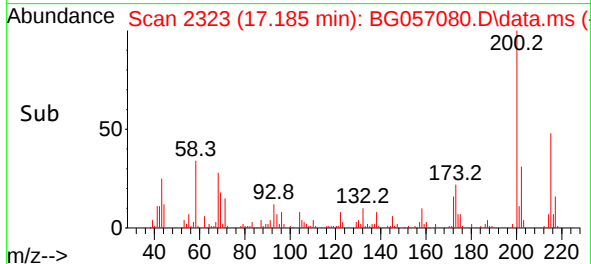
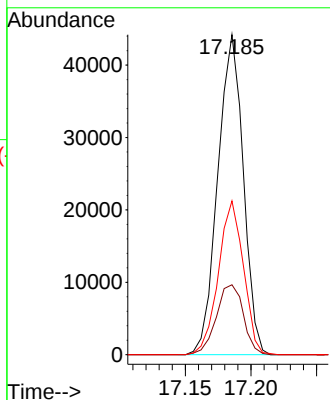
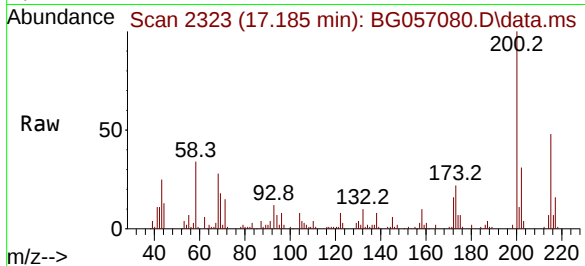




#69
 Atrazine
 Concen: 54.733 ng
 RT: 17.185 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

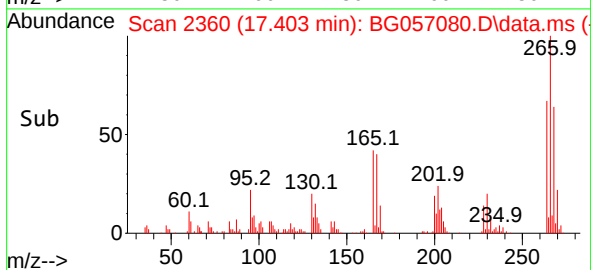
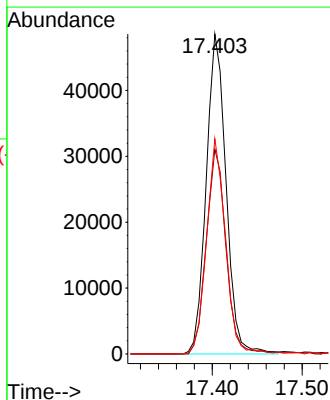
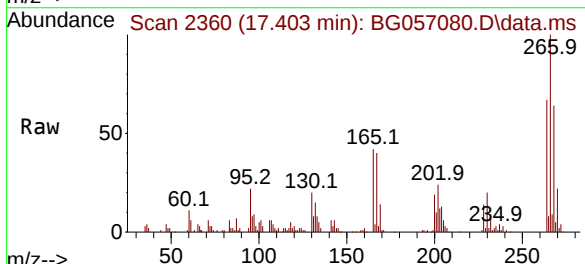
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MS

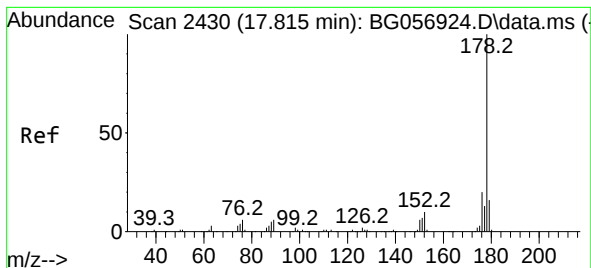
Tgt Ion:200 Resp: 59648
 Ion Ratio Lower Upper
 200 100
 173 21.9 1.0 41.0
 215 48.0 25.0 65.0



#70
 Pentachlorophenol
 Concen: 86.777 ng
 RT: 17.403 min Scan# 2360
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

Tgt Ion:266 Resp: 74480
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.0 76.6
 264 67.3 46.8 70.2





#71

Phenanthrene

Concen: 49.354 ng

RT: 17.802 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

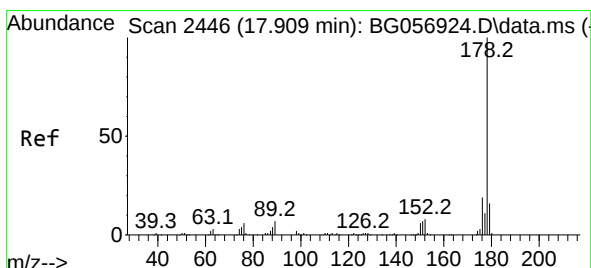
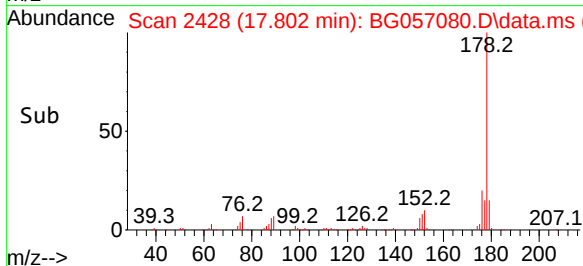
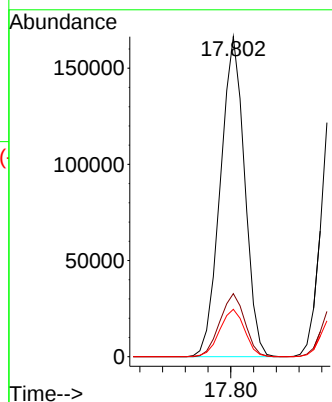
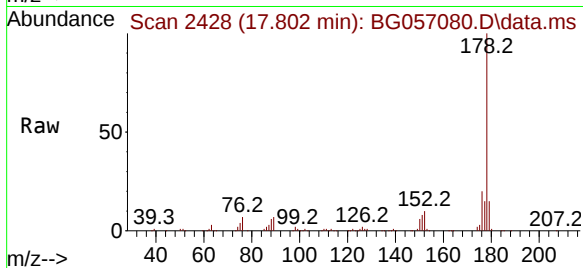
Tgt Ion:178 Resp: 246094

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.2

179 14.8 12.5 18.7



#72

Anthracene

Concen: 49.313 ng

RT: 17.890 min Scan# 2443

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

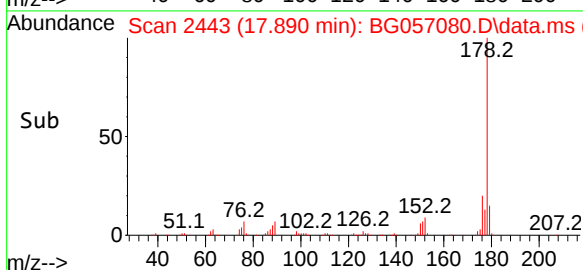
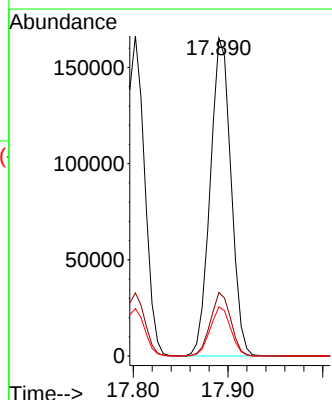
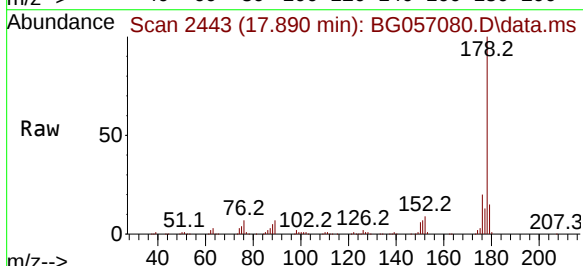
Tgt Ion:178 Resp: 252068

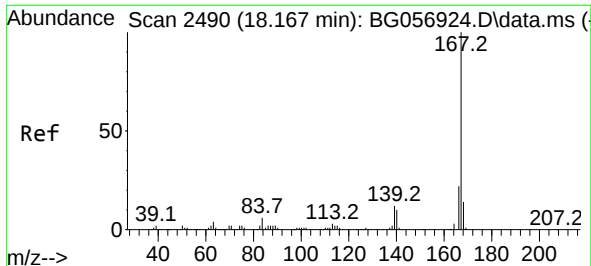
Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

179 15.5 12.4 18.6

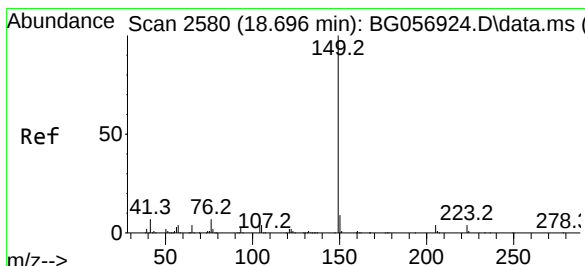
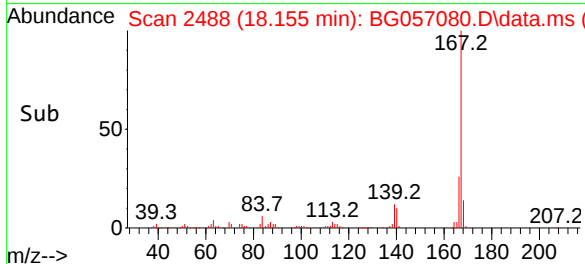
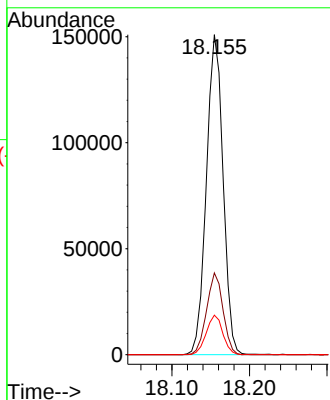
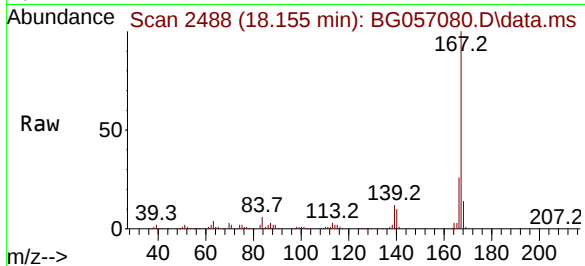




#73
 Carbazole
 Concen: 50.555 ng
 RT: 18.155 min Scan# 24
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

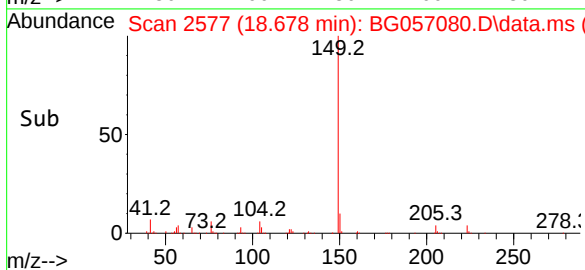
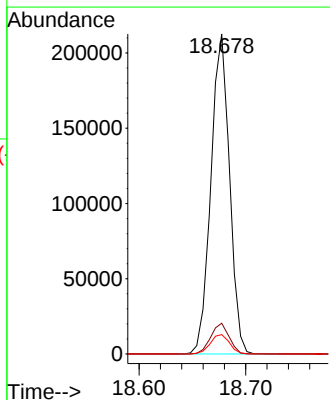
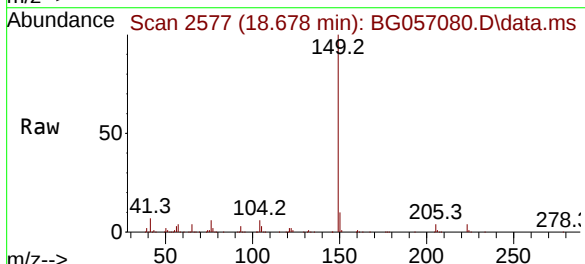
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MS

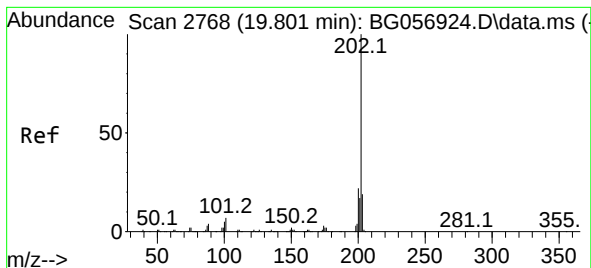
Tgt Ion:167	Resp:	225307	
Ion	Ratio	Lower	Upper
167	100		
166	25.5	17.9	26.9
139	12.4	9.5	14.3



#74
 Di-n-butylphthalate
 Concen: 49.861 ng
 RT: 18.678 min Scan# 2577
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

Tgt Ion:149	Resp:	257318	
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.0
104	6.1	4.9	7.3





#75

Fluoranthene

Concen: 46.143 ng

RT: 19.788 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

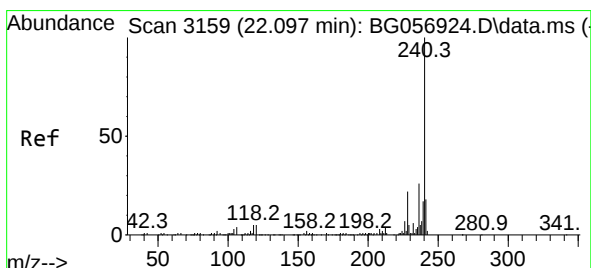
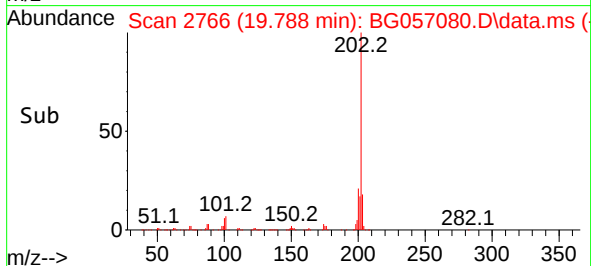
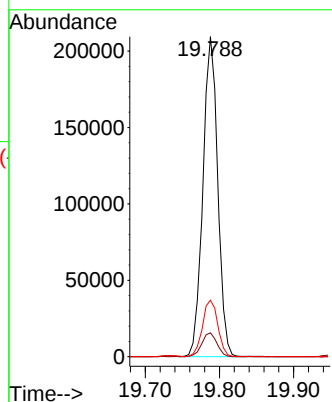
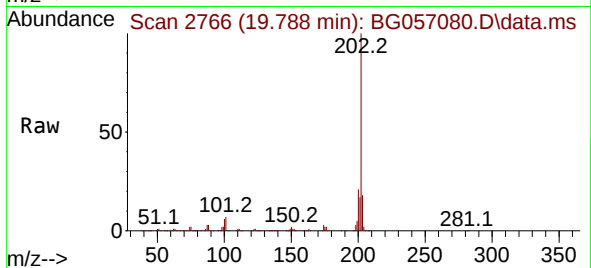
Tgt Ion:202 Resp: 291668

Ion Ratio Lower Upper

202 100

101 7.4 0.0 26.7

203 17.7 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.079 min Scan# 3156

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

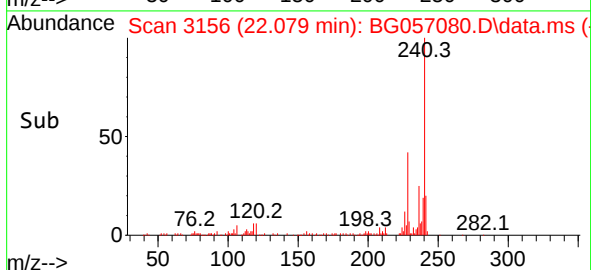
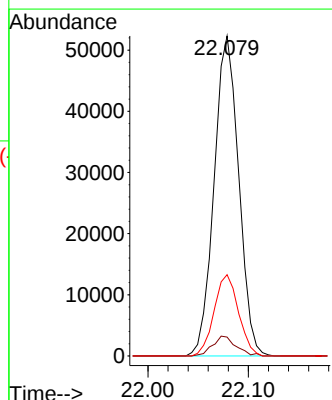
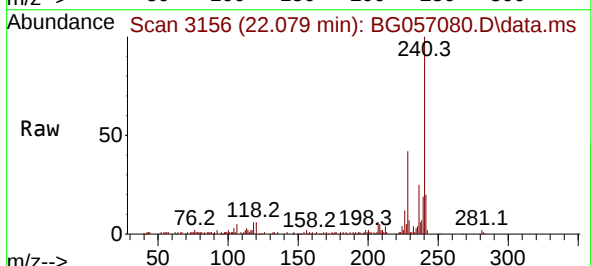
Tgt Ion:240 Resp: 88830

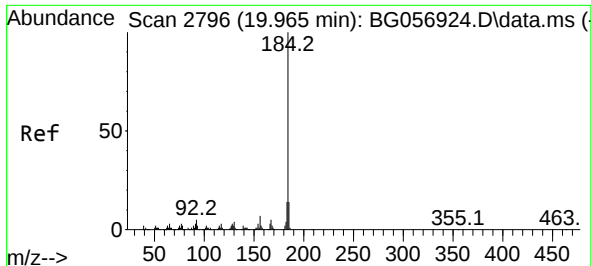
Ion Ratio Lower Upper

240 100

120 5.9 3.8 5.6#

236 25.4 21.0 31.6

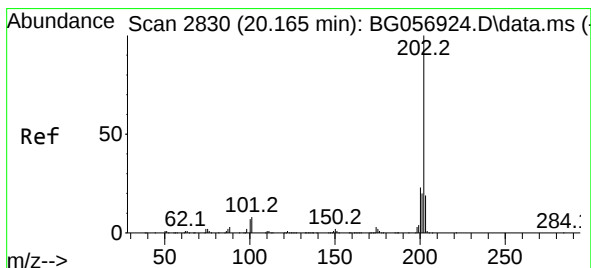
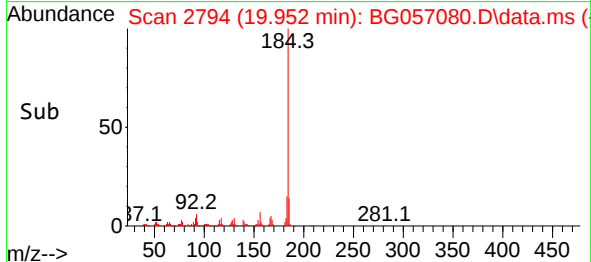
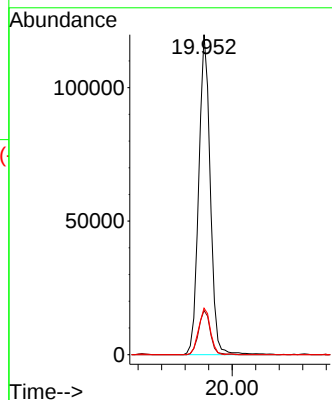
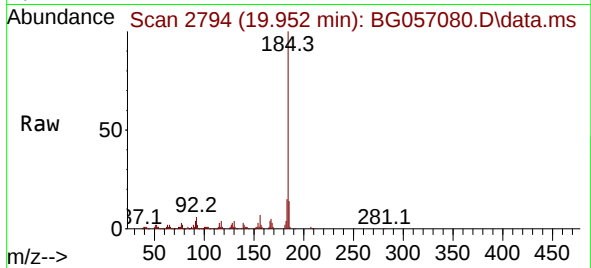




#77
Benzidine
Concen: 66.930 ng
RT: 19.952 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

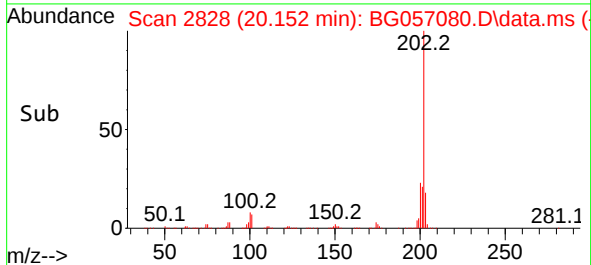
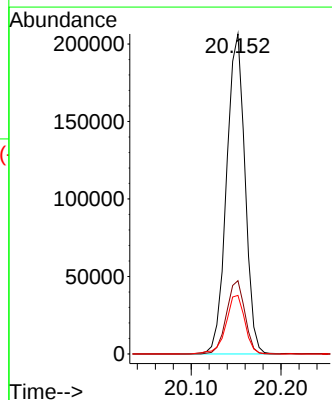
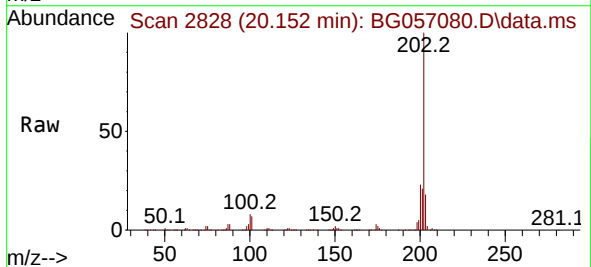
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion:184 Resp: 162506
Ion Ratio Lower Upper
184 100
185 13.8 11.0 16.4
183 14.6 11.4 17.0



#78
Pyrene
Concen: 47.805 ng
RT: 20.152 min Scan# 2828
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:202 Resp: 293713
Ion Ratio Lower Upper
202 100
200 22.9 18.7 28.1
203 18.3 15.4 23.2

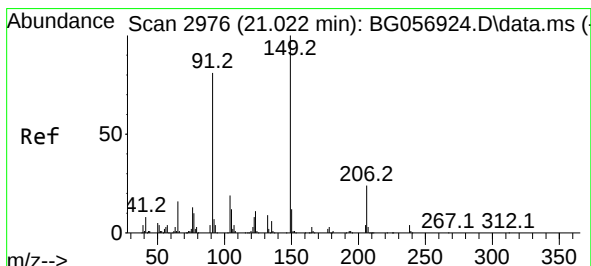
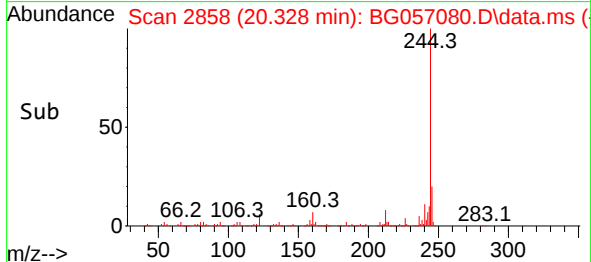
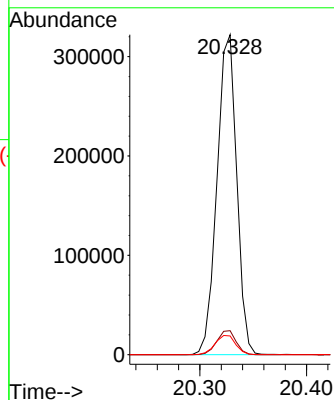
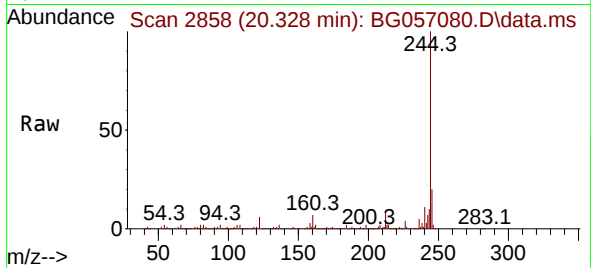




#79
 Terphenyl-d14
 Concen: 78.531 ng
 RT: 20.328 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

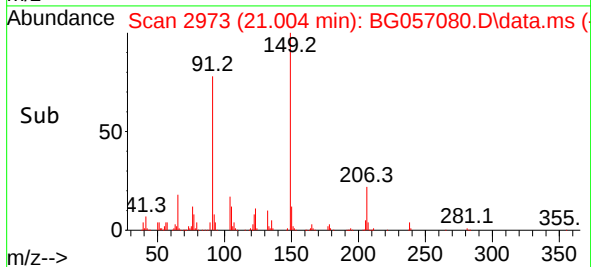
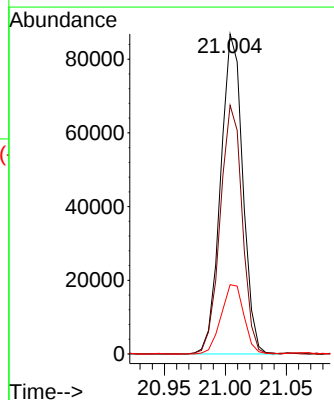
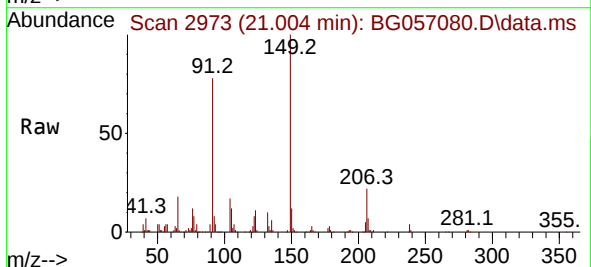
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MS

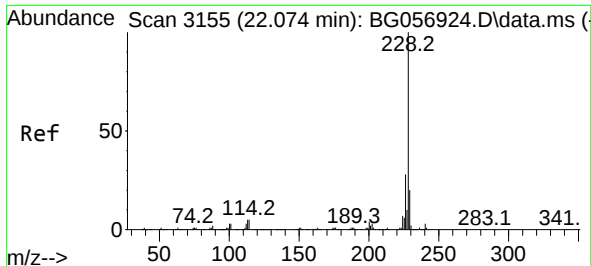
Tgt Ion:244 Resp: 412248
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.8 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 51.896 ng
 RT: 21.004 min Scan# 2973
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

Tgt Ion:149 Resp: 109720
 Ion Ratio Lower Upper
 149 100
 91 77.7 64.4 96.6
 206 21.7 18.9 28.3

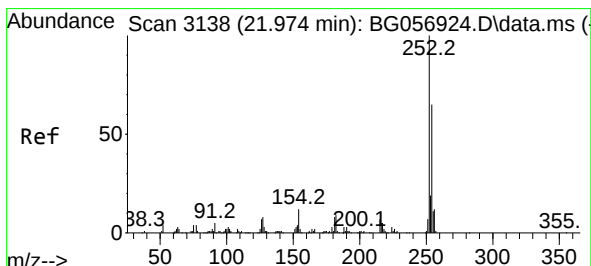
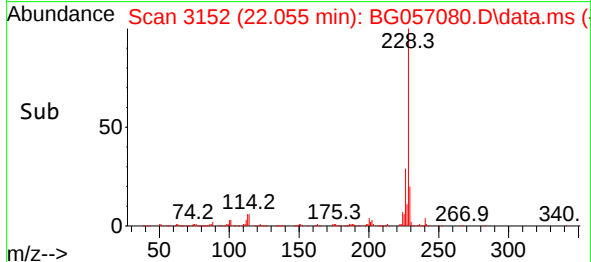
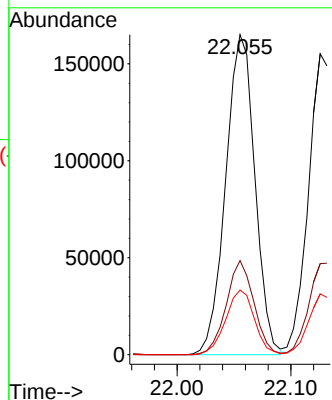
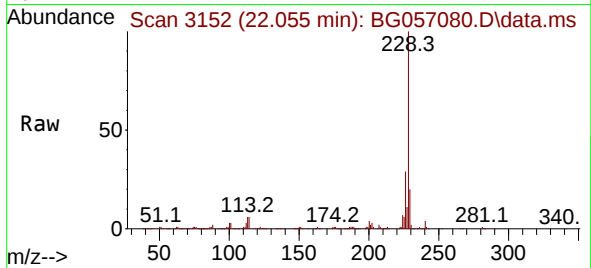




#81
Benzo(a)anthracene
Concen: 47.894 ng
RT: 22.055 min Scan# 3155
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

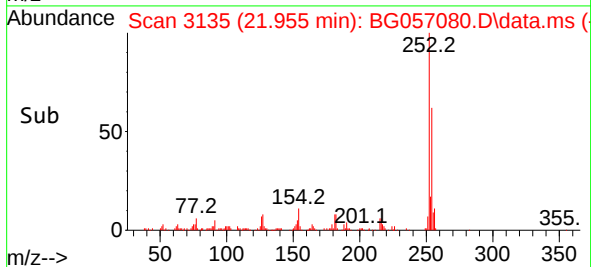
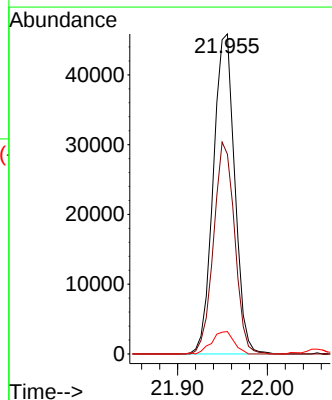
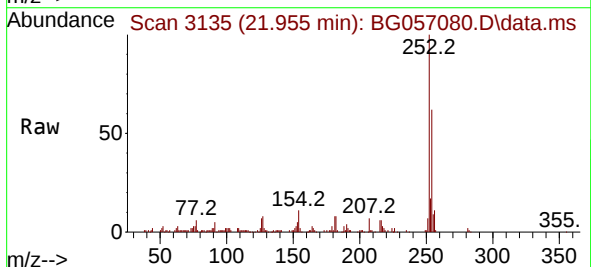
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

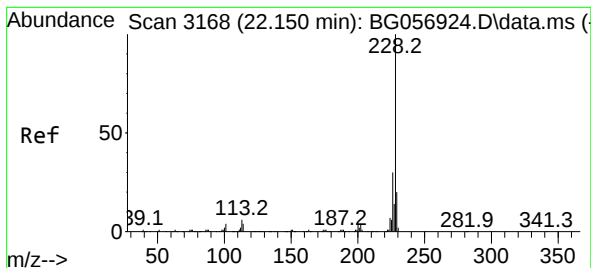
Tgt Ion:228 Resp: 294406
Ion Ratio Lower Upper
228 100
226 29.4 22.1 33.1
229 20.2 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 36.566 ng
RT: 21.955 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:252 Resp: 75900
Ion Ratio Lower Upper
252 100
254 62.5 51.7 77.5
126 7.0 5.6 8.4





#83

Chrysene

Concen: 47.095 ng

RT: 22.126 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

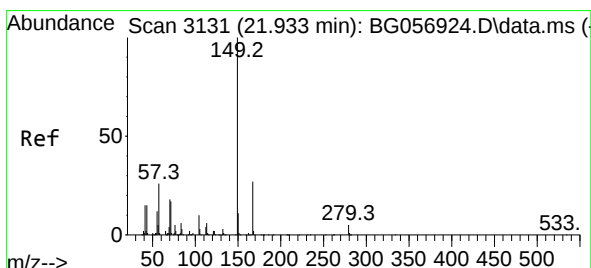
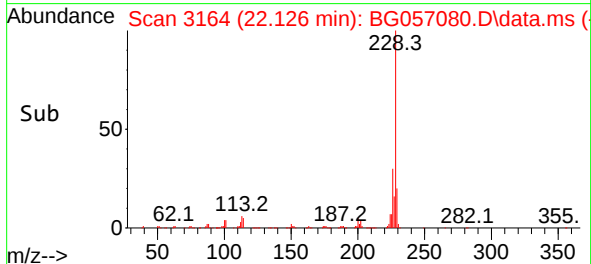
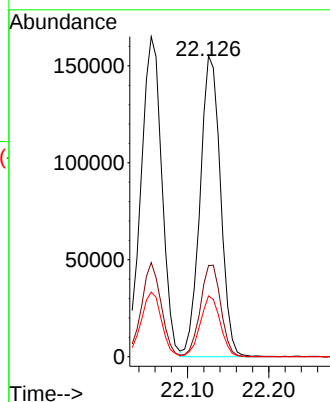
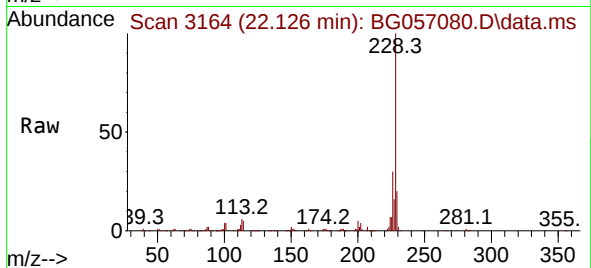
Tgt Ion:228 Resp: 271060

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 20.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.747 ng

RT: 21.908 min Scan# 3127

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

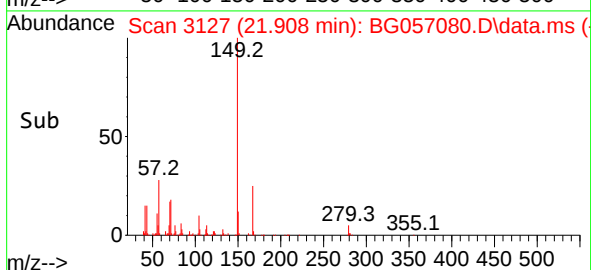
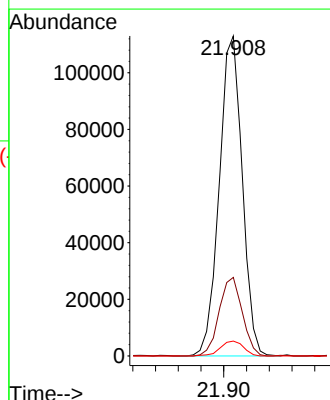
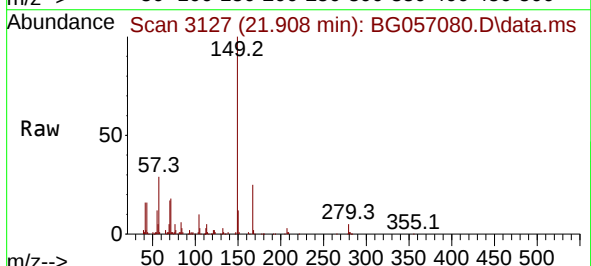
Tgt Ion:149 Resp: 158422

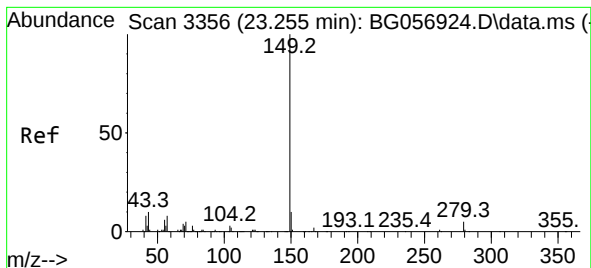
Ion Ratio Lower Upper

149 100

167 24.6 21.4 32.2

279 4.7 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 52.429 ng

RT: 23.218 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

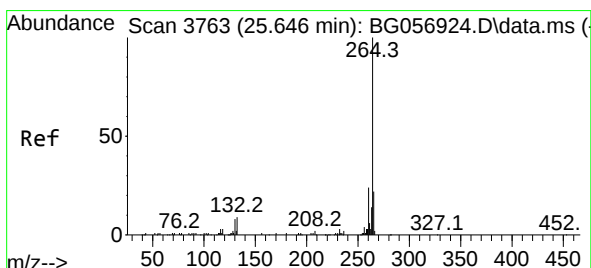
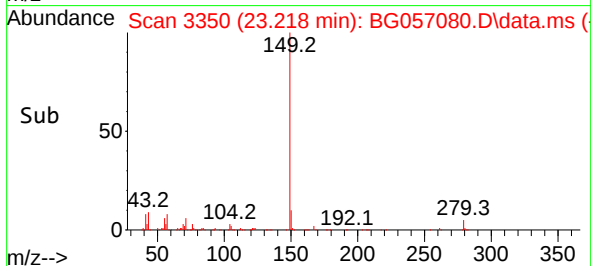
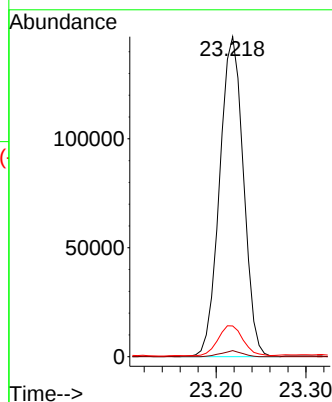
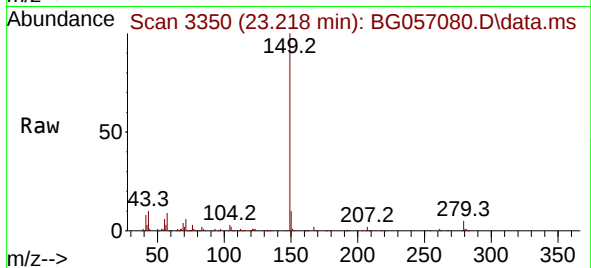
Tgt Ion:149 Resp: 270489

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.615 min Scan# 3758

Delta R.T. 0.004 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

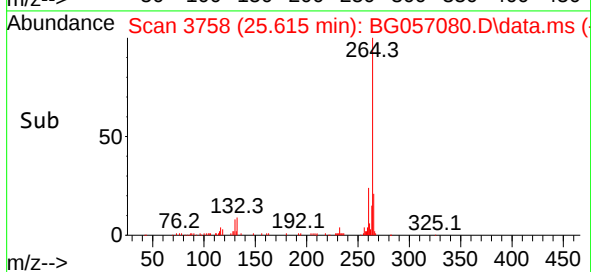
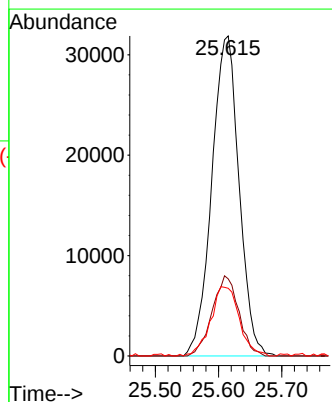
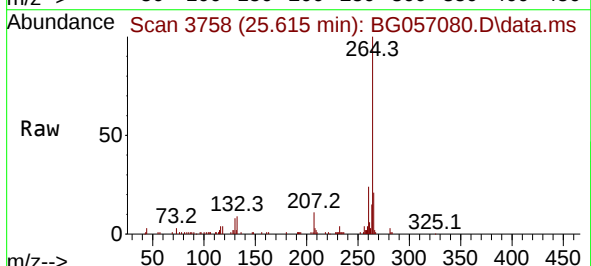
Tgt Ion:264 Resp: 95481

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 21.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.411 ng

RT: 29.704 min Scan# 4462

Delta R.T. -0.008 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

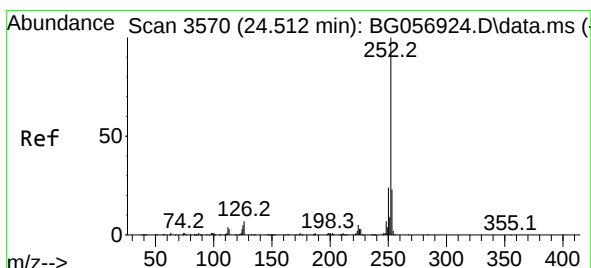
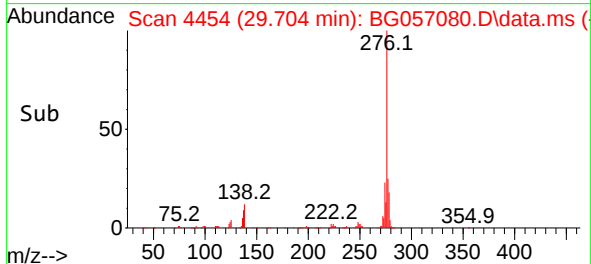
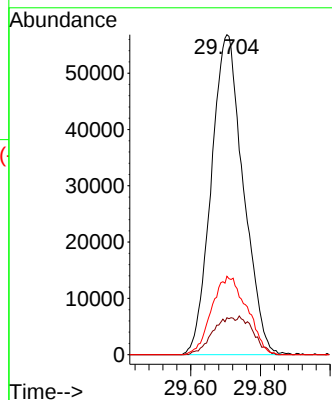
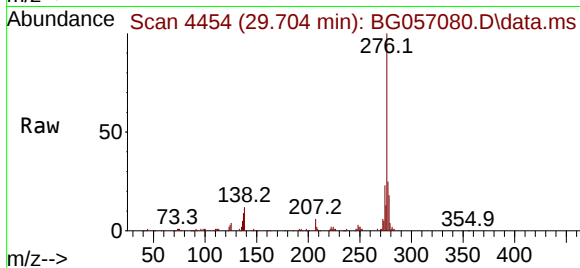
Tgt Ion:276 Resp: 362785

Ion Ratio Lower Upper

276 100

138 8.3 7.7 11.5

277 27.0 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 51.552 ng

RT: 24.558 min Scan# 3578

Delta R.T. 0.074 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

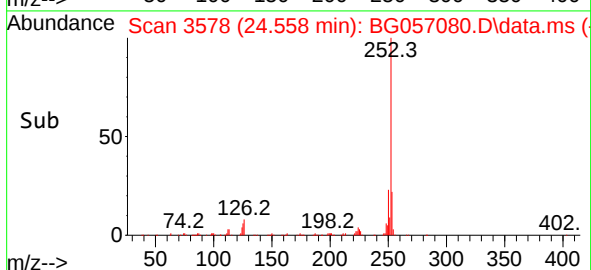
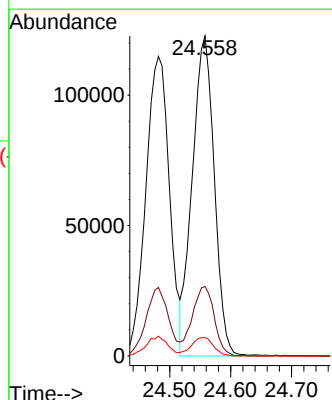
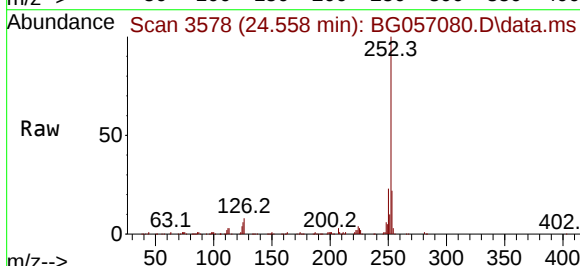
Tgt Ion:252 Resp: 307805

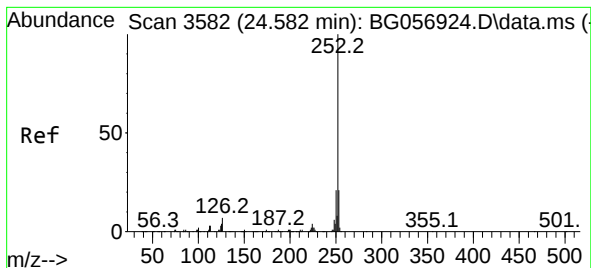
Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

125 5.7 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 51.639 ng

RT: 24.558 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

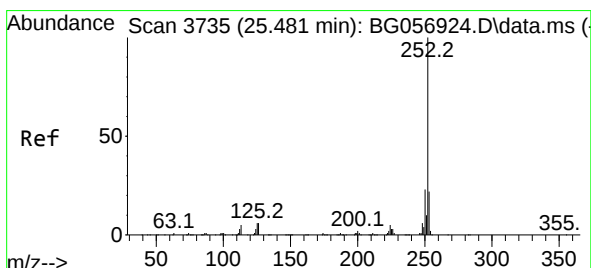
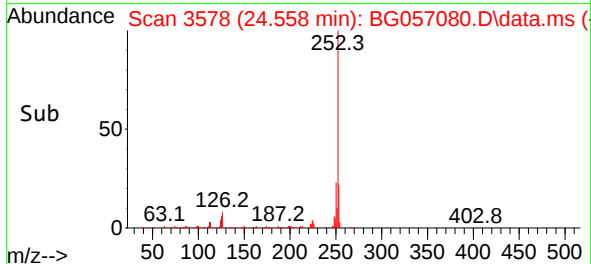
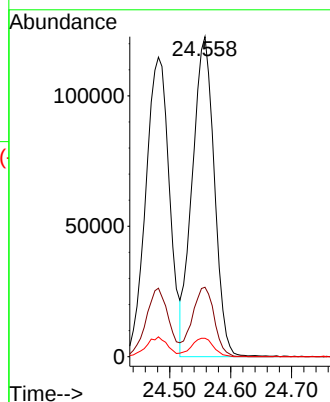
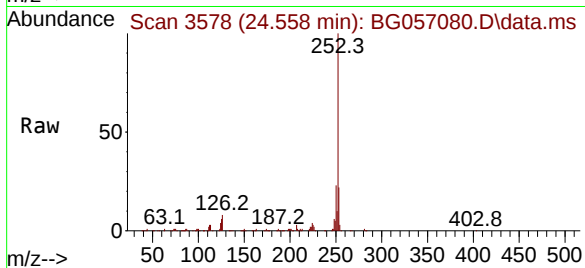
Tgt Ion:252 Resp: 307805

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 5.7 3.8 5.6#



#90

Benzo(a)pyrene

Concen: 46.752 ng

RT: 25.445 min Scan# 3729

Delta R.T. -0.008 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

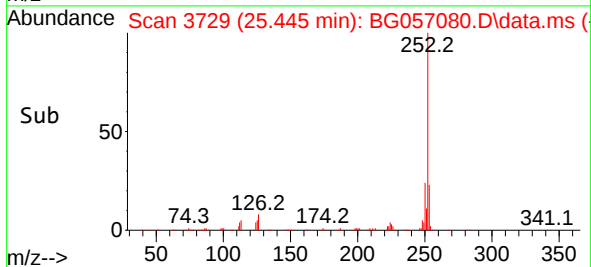
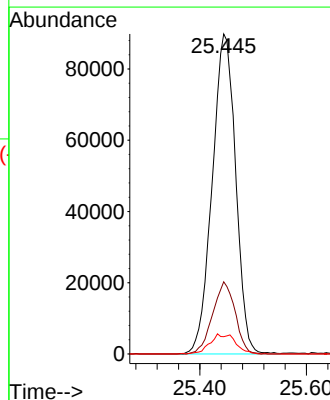
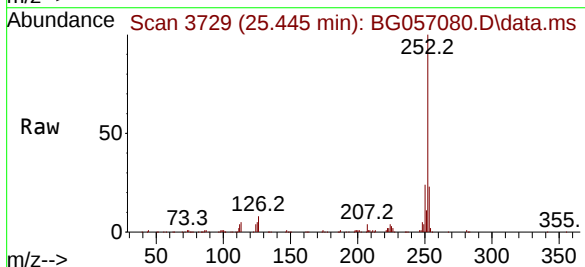
Tgt Ion:252 Resp: 274301

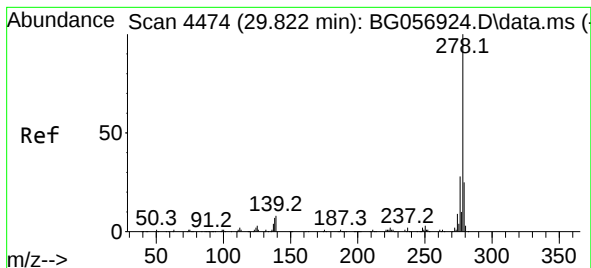
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 5.4 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 52.391 ng

RT: 29.768 min Scan# 4474

Delta R.T. 0.004 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

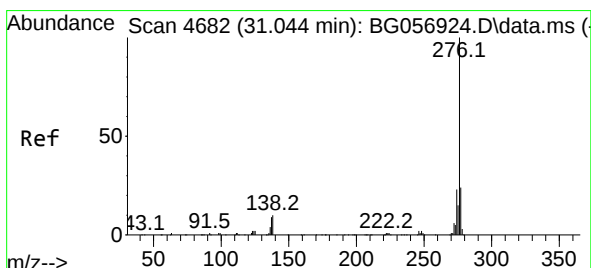
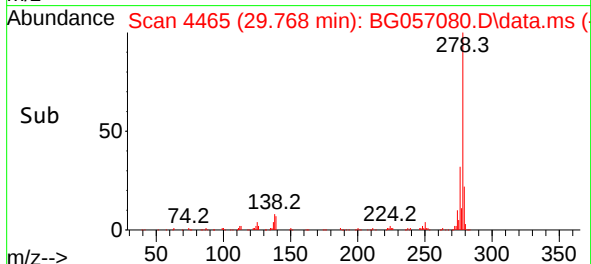
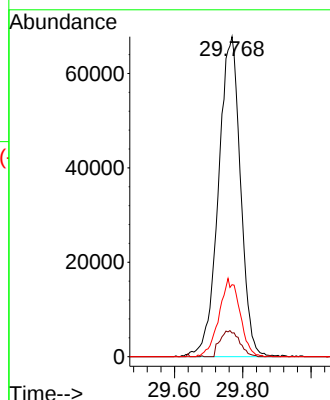
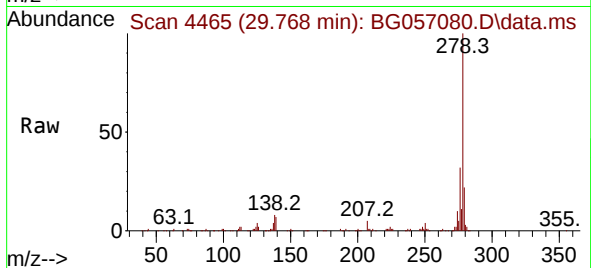
Tgt Ion:278 Resp: 303883

Ion Ratio Lower Upper

278 100

139 7.4 6.4 9.6

279 22.5 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 51.396 ng

RT: 30.984 min Scan# 4672

Delta R.T. -0.008 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Tgt Ion:276 Resp: 291910

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 10.9 8.2 12.2

