

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057067.D
 Acq On : 12 Apr 2023 17:09
 Operator : CG/JU
 Sample : 02292-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 13 05:25:19 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	8.405	152	23176	20.000	ng	0.00
21) Naphthalene-d8	11.248	136	85296	20.000	ng	# 0.00
39) Acenaphthene-d10	15.020	164	59683	20.000	ng	0.00
64) Phenanthrene-d10	17.757	188	145810	20.000	ng	0.00
76) Chrysene-d12	22.081	240	130898	20.000	ng	0.00
86) Perylene-d12	25.617	264	141429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.920	112	113757	78.556	ng	0.00
7) Phenol-d6	7.542	99	155952	72.006	ng	0.00
23) Nitrobenzene-d5	9.586	82	98958	47.471	ng	0.00
42) 2,4,6-Tribromophenol	16.500	330	75094	78.760	ng	0.00
45) 2-Fluorobiphenyl	13.645	172	220732	50.151	ng	0.00
79) Terphenyl-d14	20.324	244	394148	50.953	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.717	88	17886	28.176	ng	98
3) Pyridine	4.140	79	49025	23.978	ng	97
4) n-Nitrosodimethylamine	4.052	42	25772	27.416	ng	92
6) Aniline	7.718	93	66102	23.874	ng	99
8) 2-Chlorophenol	7.965	128	46971	32.565	ng	92
9) Benzaldehyde	7.524	77	37149	27.347	ng	94
10) Phenol	7.571	94	67319	31.369	ng	99
11) bis(2-Chloroethyl)ether	7.806	93	45490	29.758	ng	98
12) 1,3-Dichlorobenzene	8.294	146	52322	32.829	ng	98
13) 1,4-Dichlorobenzene	8.446	146	52498	32.637	ng	93
14) 1,2-Dichlorobenzene	8.769	146	50251	32.336	ng	95
15) Benzyl Alcohol	8.640	79	50796	28.226	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.928	45	56769	30.814	ng	100
17) 2-Methylphenol	8.840	107	44554	29.100	ng	93
18) Hexachloroethane	9.510	117	19094	32.477	ng	95
19) n-Nitroso-di-n-propyla...	9.210	70	41039	26.492	ng	97
20) 3+4-Methylphenols	9.169	107	60626	28.318	ng	94
22) Acetophenone	9.233	105	76860	30.283	ng	# 96
24) Nitrobenzene	9.627	77	63851	29.959	ng	93
25) Isophorone	10.150	82	109384	27.556	ng	100
26) 2-Nitrophenol	10.344	139	26636	32.379	ng	# 85
27) 2,4-Dimethylphenol	10.385	122	45670	31.443	ng	97
28) bis(2-Chloroethoxy)met...	10.626	93	58259	29.315	ng	96
29) 2,4-Dichlorophenol	10.884	162	48091	30.787	ng	97
30) 1,2,4-Trichlorobenzene	11.102	180	52672	31.736	ng	93
31) Naphthalene	11.301	128	142871	30.730	ng	99
32) Benzoic acid	10.514	122	25689	25.748	ng	85
33) 4-Chloroaniline	11.395	127	43005	20.481	ng	97
34) Hexachlorobutadiene	11.571	225	36879	29.580	ng	94
35) Caprolactam	12.153	113	9795	18.183	ng	93
36) 4-Chloro-3-methylphenol	12.488	107	51588	29.532	ng	98
37) 2-Methylnaphthalene	12.876	142	103634	28.086	ng	98
38) 1-Methylnaphthalene	13.093	142	95443	27.546	ng	99
40) 1,2,4,5-Tetrachloroben...	13.234	216	67035	32.390	ng	99
41) Hexachlorocyclopentadiene	13.210	237	83160	72.927	ng	93
43) 2,4,6-Trichlorophenol	13.463	196	43257	32.753	ng	97

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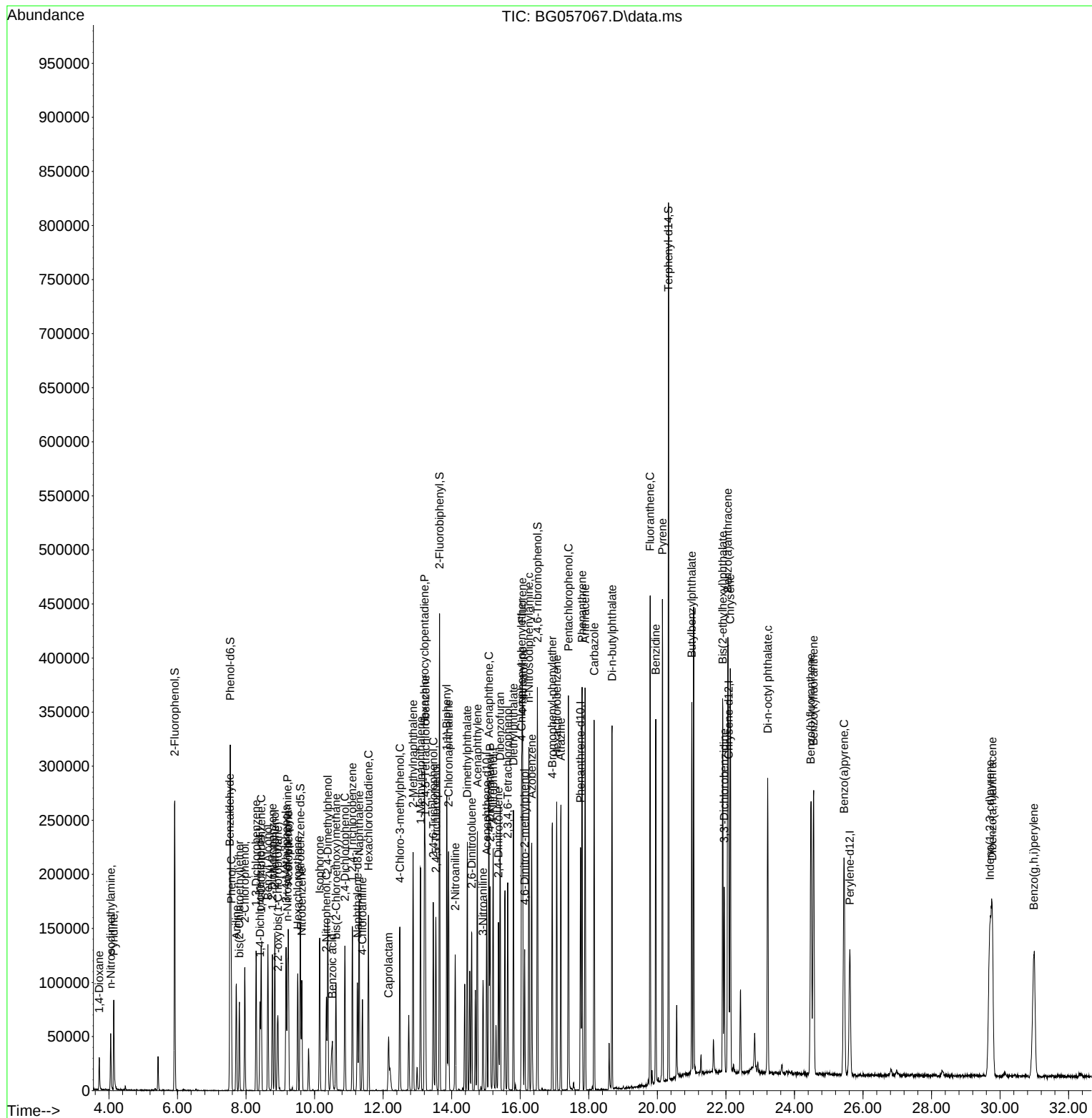
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.539	196	46484	29.710	ng	96
46) 1,1'-Biphenyl	13.857	154	142846	32.696	ng	99
47) 2-Chloronaphthalene	13.910	162	109190	33.792	ng	96
48) 2-Nitroaniline	14.103	65	36833	31.879	ng	92
49) Acenaphthylene	14.750	152	169469	31.921	ng	96
50) Dimethylphthalate	14.456	163	143012	30.411	ng	# 99
51) 2,6-Dinitrotoluene	14.585	165	32223	31.714	ng	94
52) Acenaphthene	15.084	154	106933	29.205	ng	99
53) 3-Nitroaniline	14.914	138	25242	25.099	ng	86
54) 2,4-Dinitrophenol	15.120	184	43935	76.824	ng	# 88
55) Dibenzofuran	15.413	168	173547	31.580	ng	96
56) 4-Nitrophenol	15.214	139	52581	70.704	ng	87
57) 2,4-Dinitrotoluene	15.366	165	45766	31.937	ng	95
58) Fluorene	16.060	166	142232	31.277	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.637	232	44355	31.136	ng	# 97
60) Diethylphthalate	15.801	149	146362	31.046	ng	99
61) 4-Chlorophenyl-phenyle...	16.036	204	82877	31.041	ng	98
62) 4-Nitroaniline	16.071	138	33911	32.545	ng	87
63) Azobenzene	16.336	77	150577	32.050	ng	96
65) 4,6-Dinitro-2-methylph...	16.130	198	32508	36.812	ng	95
66) n-Nitrosodiphenylamine	16.253	169	121916	31.147	ng	97
67) 4-Bromophenyl-phenylether	16.935	248	55410	30.713	ng	91
68) Hexachlorobenzene	17.064	284	59041	33.101	ng	96
69) Atrazine	17.187	200	55574	34.204	ng	95
70) Pentachlorophenol	17.405	266	71125	55.583	ng	96
71) Phenanthrene	17.804	178	233607	31.424	ng	99
72) Anthracene	17.892	178	238161	31.251	ng	99
73) Carbazole	18.157	167	212817	32.029	ng	94
74) Di-n-butylphthalate	18.680	149	244413	31.766	ng	100
75) Fluoranthene	19.790	202	279693	29.679	ng	100
77) Benzidine	19.954	184	190516	53.248	ng	99
78) Pyrene	20.148	202	280834	31.019	ng	97
80) Butylbenzylphthalate	21.006	149	102901	33.029	ng	96
81) Benzo(a)anthracene	22.057	228	277227	30.605	ng	99
82) 3,3'-Dichlorobenzidine	21.952	252	66405	21.710	ng	# 98
83) Chrysene	22.128	228	253094	29.842	ng	99
84) Bis(2-ethylhexyl)phtha...	21.910	149	147161	32.620	ng	98
85) Di-n-octyl phthalate	23.220	149	251532	33.086	ng	99
87) Indeno(1,2,3-cd)pyrene	29.700	276	334476	32.000	ng	99
88) Benzo(b)fluoranthene	24.478	252	290356	32.831	ng	98
89) Benzo(k)fluoranthene	24.560	252	281734	31.909	ng	99
90) Benzo(a)pyrene	25.447	252	254615	29.298	ng	99
91) Dibenzo(a,h)anthracene	29.770	278	277390	32.286	ng	96
92) Benzo(g,h,i)perylene	30.986	276	268320	31.894	ng	98

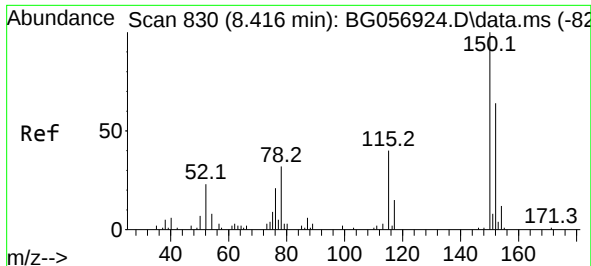
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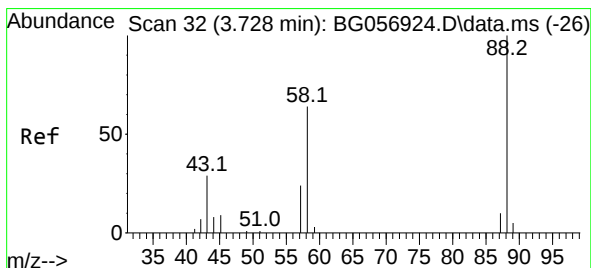
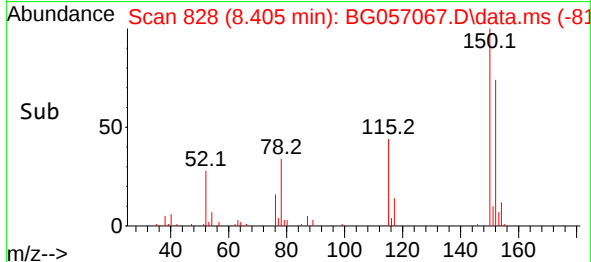
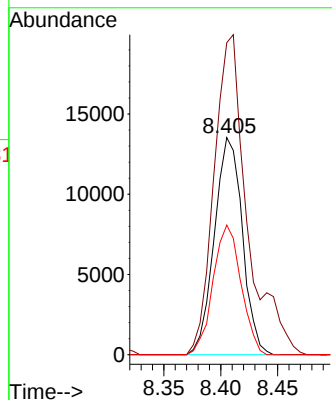
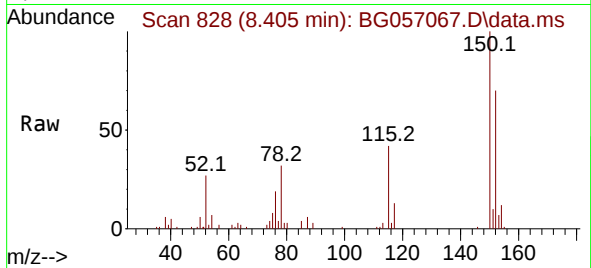




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.405 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

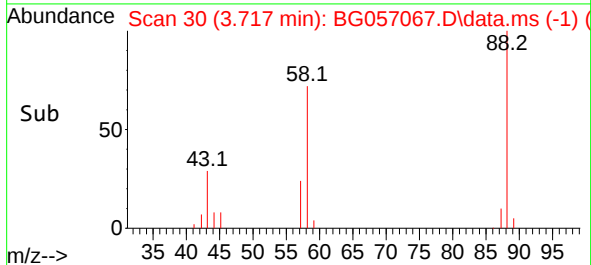
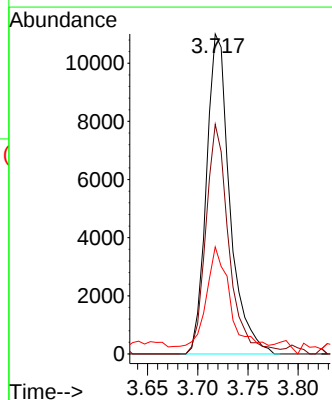
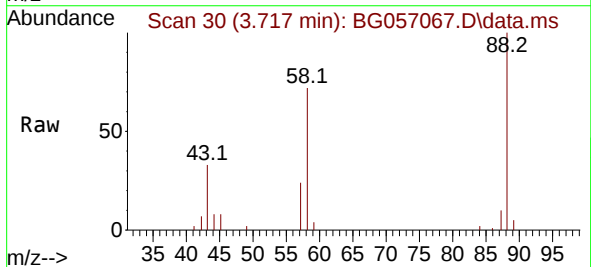
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion:152 Resp: 23176
Ion Ratio Lower Upper
152 100
150 143.7 124.1 186.1
115 59.7 49.1 73.7



#2
1,4-Dioxane
Concen: 28.176 ng
RT: 3.717 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion: 88 Resp: 17886
Ion Ratio Lower Upper
88 100
58 70.8 55.9 83.9
43 29.5 25.7 38.5

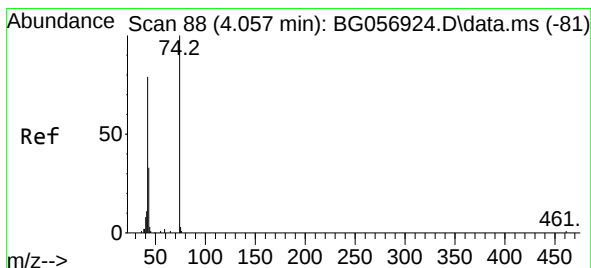
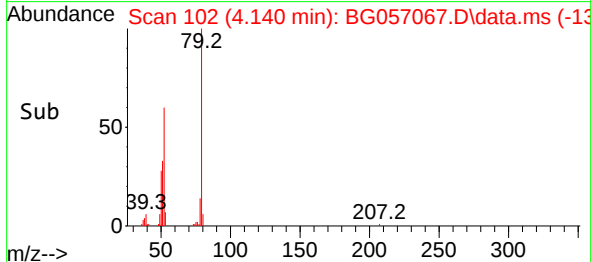
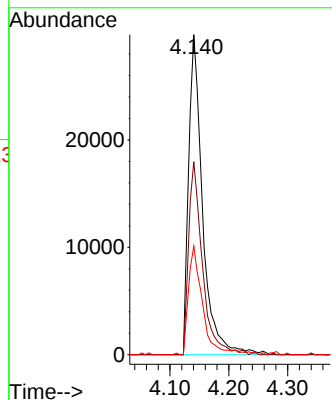
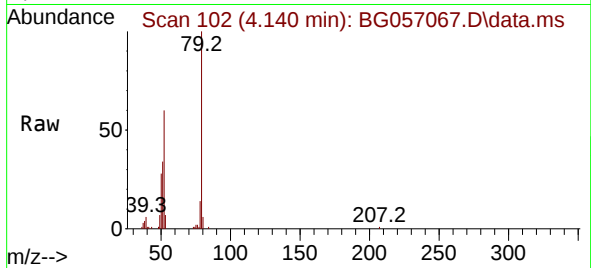




#3
Pyridine
Concen: 23.978 ng
RT: 4.140 min Scan# 104
Delta R.T. -0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

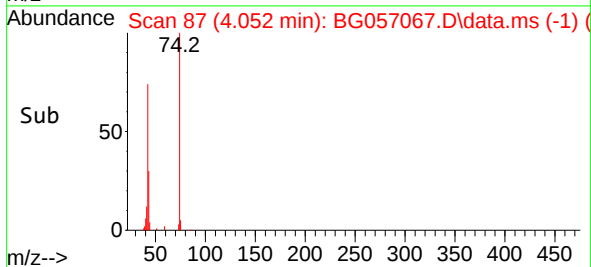
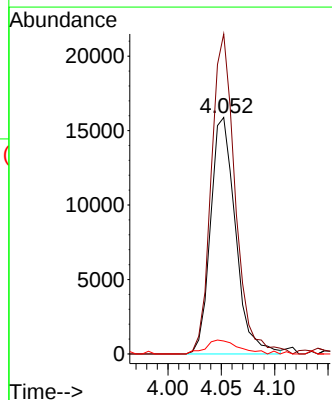
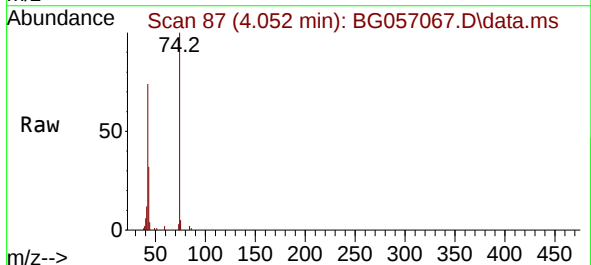
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ClientSampleId :
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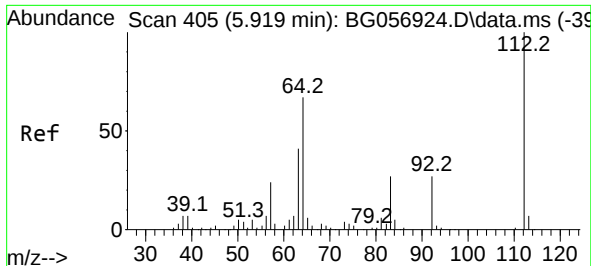
Tgt Ion: 79 Resp: 49025
Ion Ratio Lower Upper
79 100
52 60.3 46.1 69.1
51 33.9 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 27.416 ng
RT: 4.052 min Scan# 87
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion: 42 Resp: 25772
Ion Ratio Lower Upper
42 100
74 135.3 100.6 151.0
44 5.5 4.6 7.0

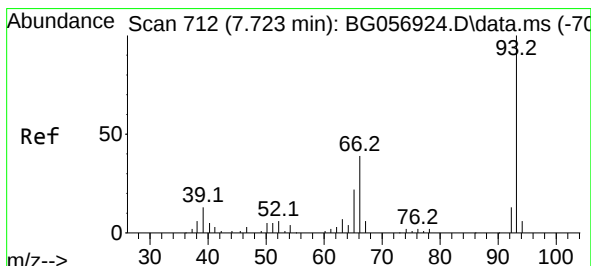
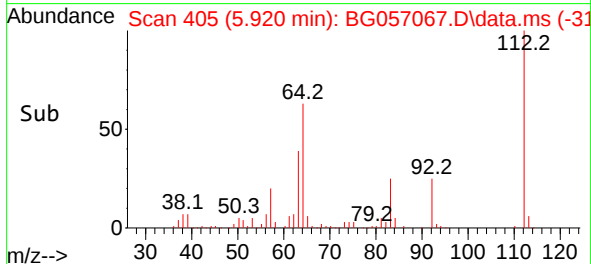
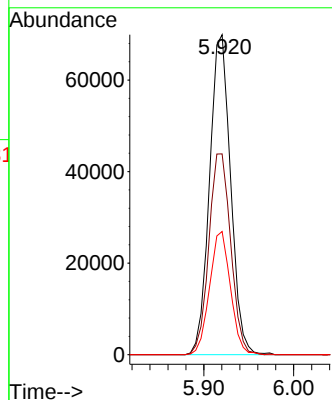
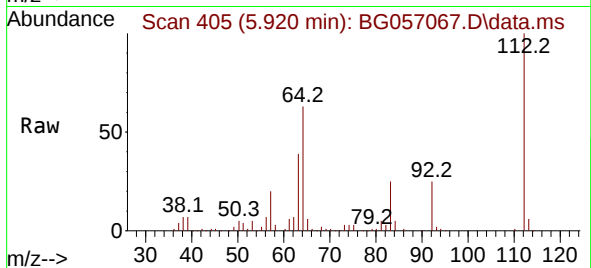




#5
2-Fluorophenol
Concen: 78.556 ng
RT: 5.920 min Scan# 405
Delta R.T. 0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

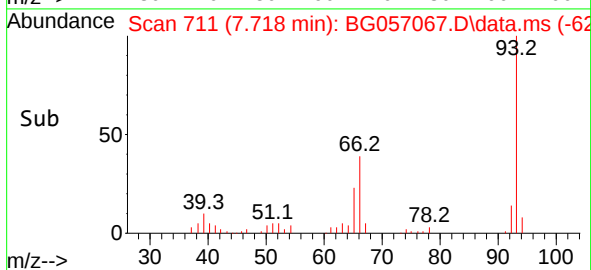
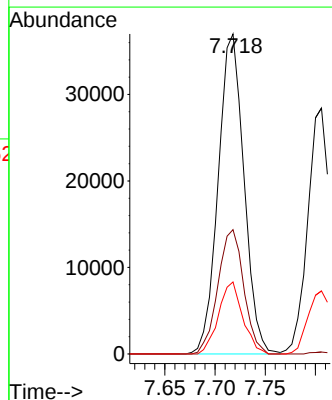
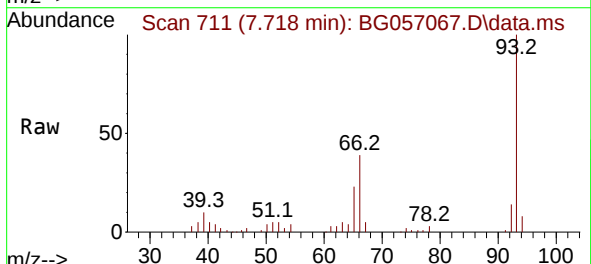
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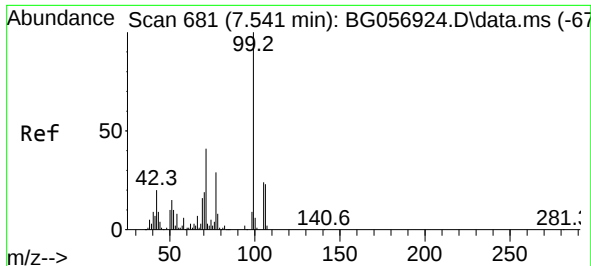
Tgt Ion:112 Resp: 113757
Ion Ratio Lower Upper
112 100
64 62.8 53.2 79.8
63 38.5 32.6 48.8



#6
Aniline
Concen: 23.874 ng
RT: 7.718 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion: 93 Resp: 66102
Ion Ratio Lower Upper
93 100
66 38.8 31.4 47.0
65 22.5 17.3 25.9

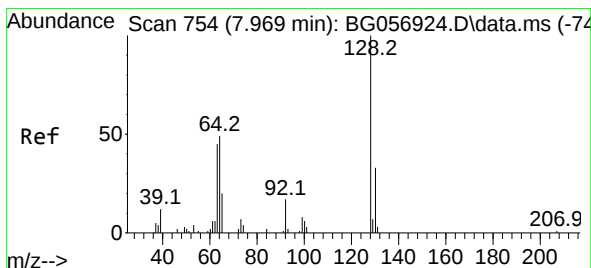
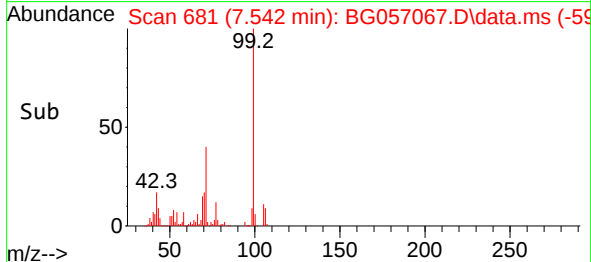
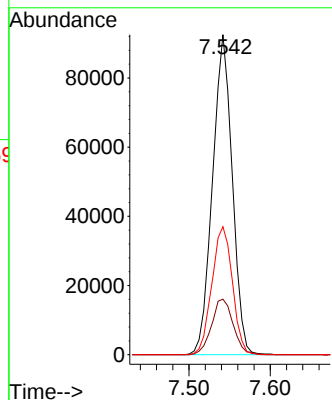
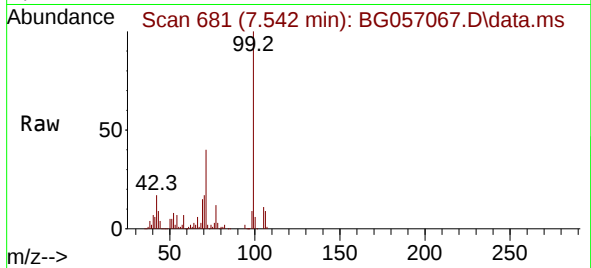




#7
Phenol-d6
Concen: 72.006 ng
RT: 7.542 min Scan# 681
Delta R.T. 0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

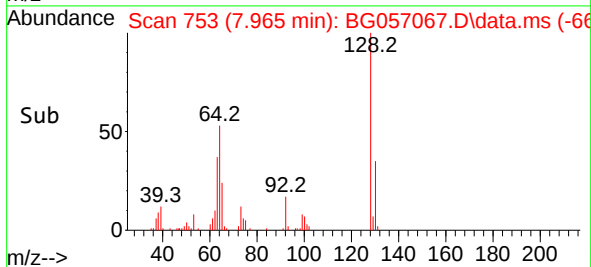
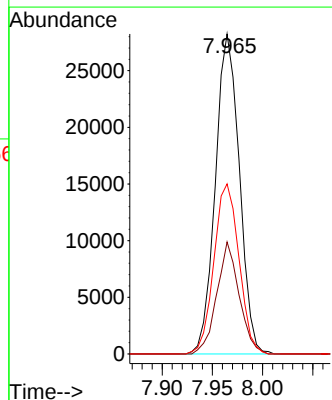
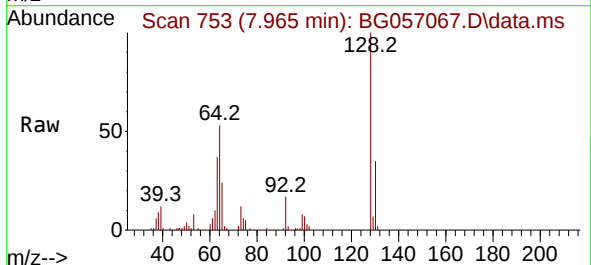
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Tgt Ion: 99 Resp: 155952
Ion Ratio Lower Upper
99 100
42 17.4 15.7 23.5
71 40.0 32.5 48.7



#8
2-Chlorophenol
Concen: 32.565 ng
RT: 7.965 min Scan# 753
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion: 128 Resp: 46971
Ion Ratio Lower Upper
128 100
130 35.0 12.6 52.6
64 53.1 40.6 80.6

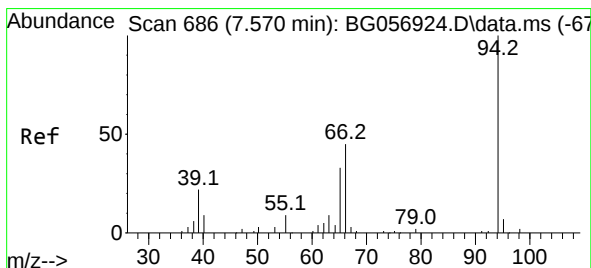
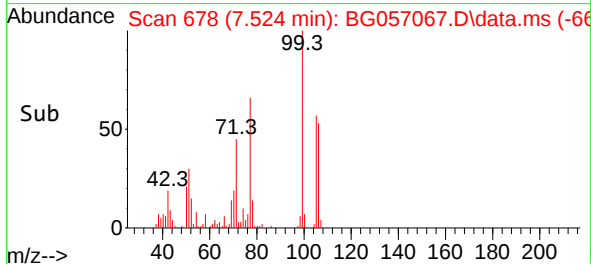
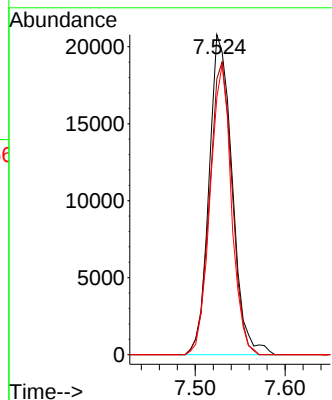
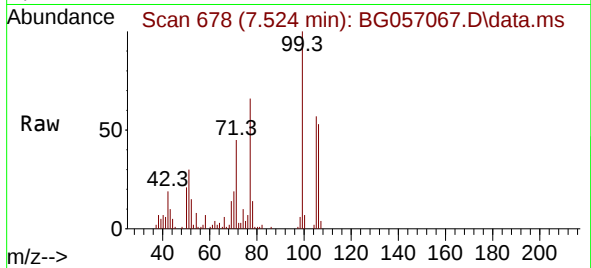




#9
Benzaldehyde
Concen: 27.347 ng
RT: 7.524 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057067.D
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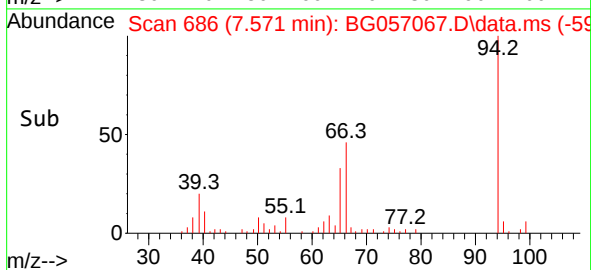
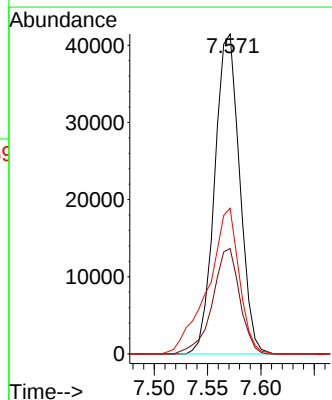
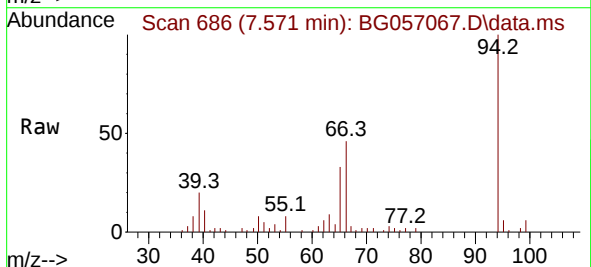
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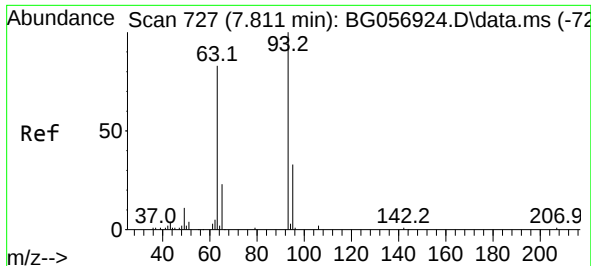
Tgt Ion: 77 Resp: 37149
Ion Ratio Lower Upper
77 100
105 86.2 73.6 113.6
106 80.3 56.7 96.7



#10
Phenol
Concen: 31.369 ng
RT: 7.571 min Scan# 686
Delta R.T. 0.006 min
Lab File: BG057067.D
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Tgt Ion: 94 Resp: 67319
Ion Ratio Lower Upper
94 100
65 32.9 13.3 53.3
66 45.6 26.7 66.7

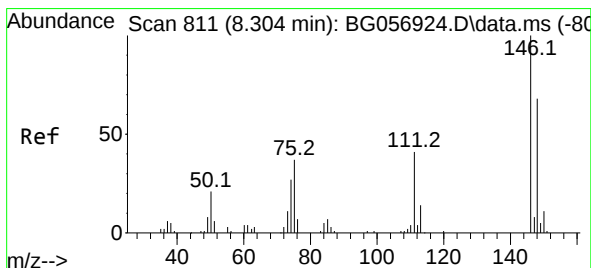
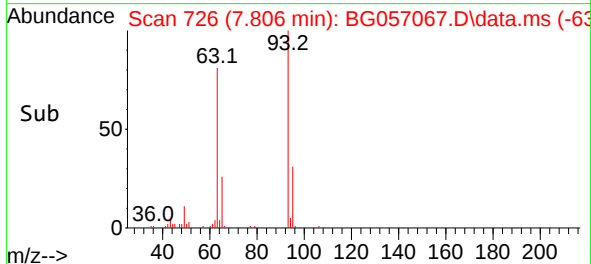
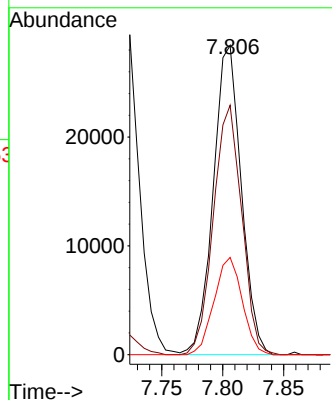
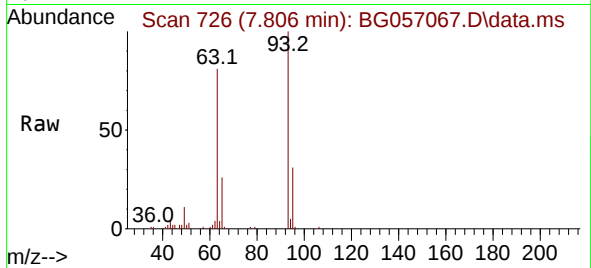




#11
bis(2-Chloroethyl)ether
Concen: 29.758 ng
RT: 7.806 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

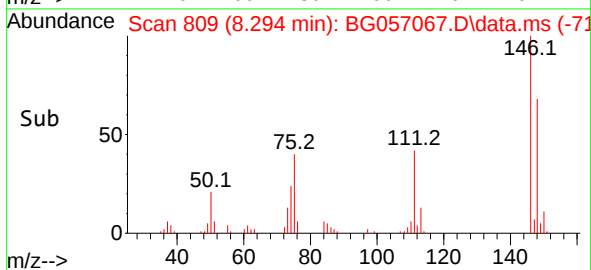
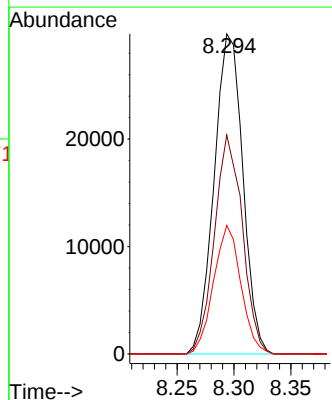
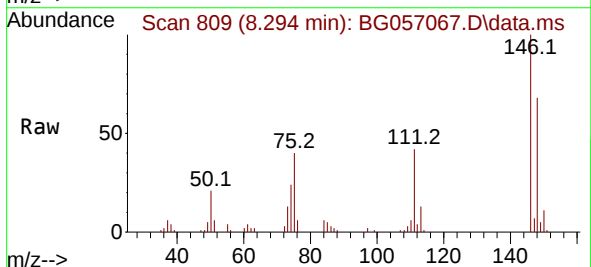
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion: 93 Resp: 45490
Ion Ratio Lower Upper
93 100
63 80.7 62.7 102.7
95 31.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 32.829 ng
RT: 8.294 min Scan# 809
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion: 146 Resp: 52322
Ion Ratio Lower Upper
146 100
148 68.4 54.2 81.4
75 40.1 29.8 44.8

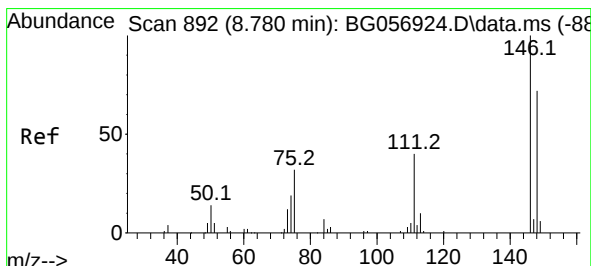
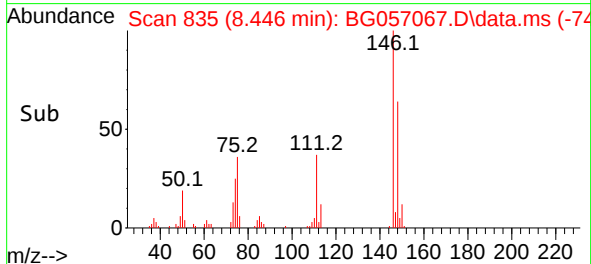
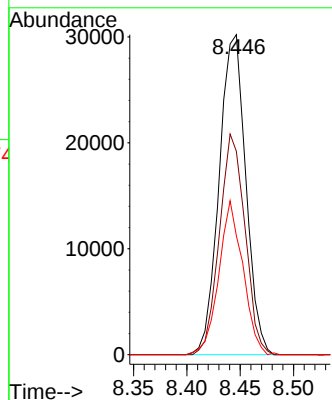
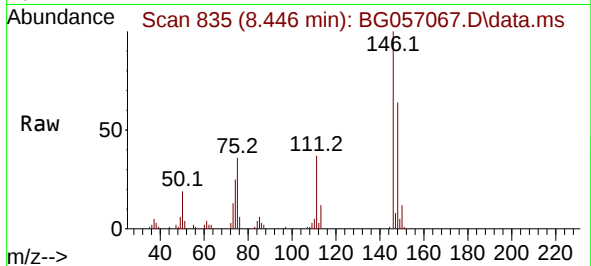




#13
1,4-Dichlorobenzene
Concen: 32.637 ng
RT: 8.446 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

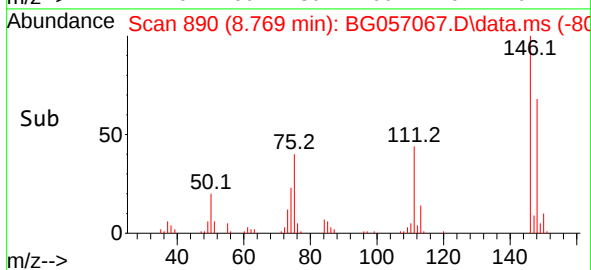
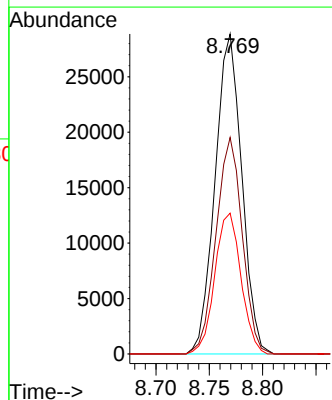
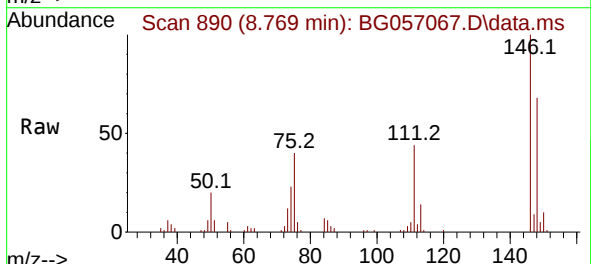
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion:146 Resp: 52498
Ion Ratio Lower Upper
146 100
148 63.6 54.8 82.2
111 37.2 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 32.336 ng
RT: 8.769 min Scan# 890
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:146 Resp: 50251
Ion Ratio Lower Upper
146 100
148 67.6 57.4 86.0
111 44.0 33.2 49.8

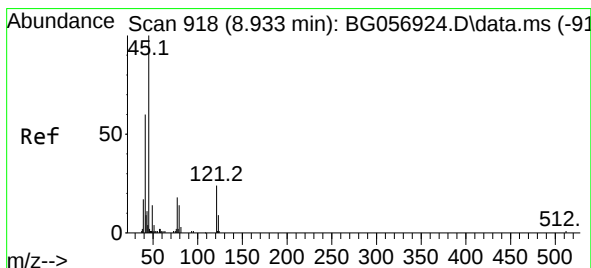
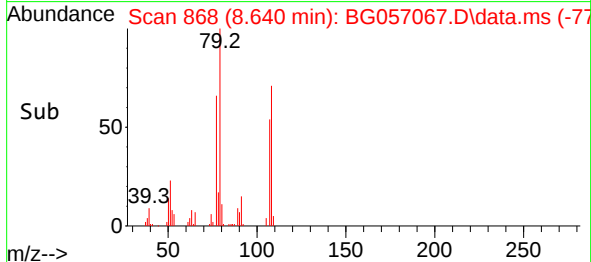
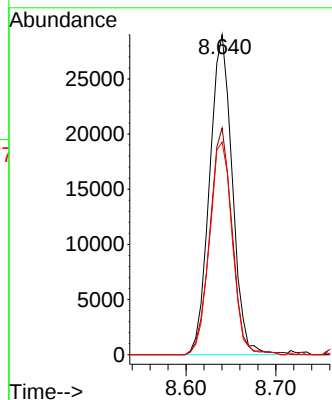
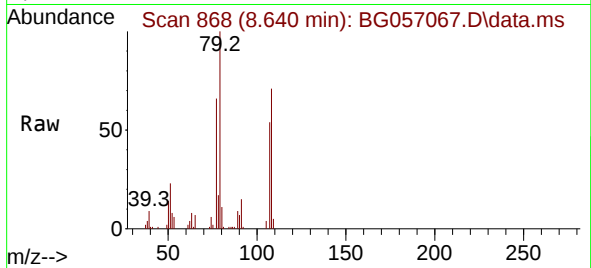




#15
Benzyl Alcohol
Concen: 28.226 ng
RT: 8.640 min Scan# 869
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

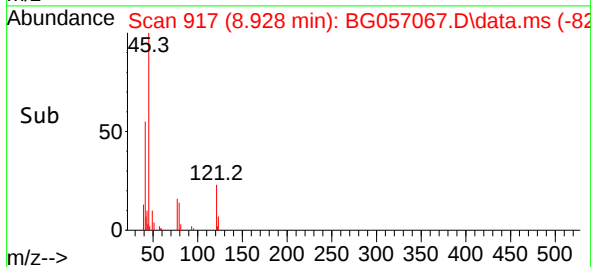
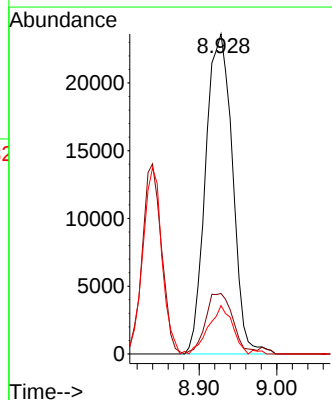
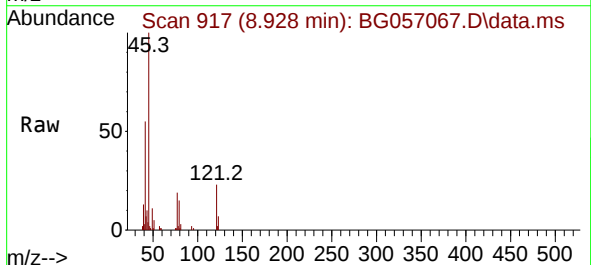
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion: 79 Resp: 50796
Ion Ratio Lower Upper
79 100
108 70.9 51.2 76.8
77 66.4 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.814 ng
RT: 8.928 min Scan# 917
Delta R.T. 0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion: 45 Resp: 56769
Ion Ratio Lower Upper
45 100
77 18.9 0.0 38.7
79 15.1 0.0 35.1





#17

2-Methylphenol

Concen: 29.100 ng

RT: 8.840 min Scan# 903

Delta R.T. -0.000 min

Lab File: BG057067.D

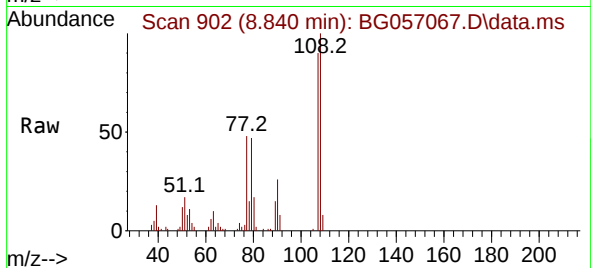
Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD



Tgt Ion:107 Resp: 44554

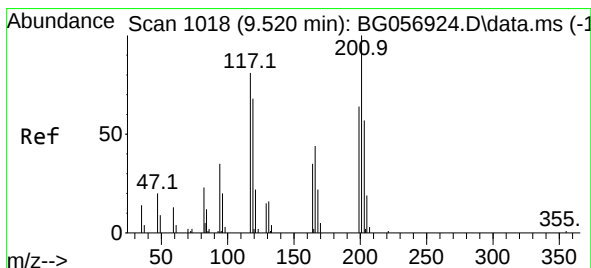
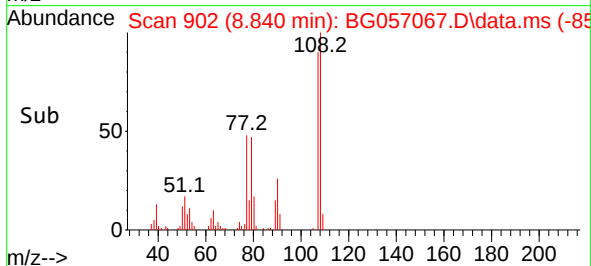
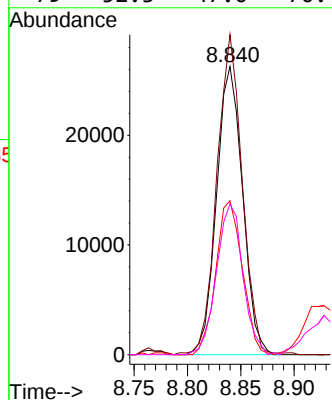
Ion Ratio Lower Upper

107 100

108 111.1 96.0 144.0

77 53.4 45.6 68.4

79 52.3 47.0 70.4



#18

Hexachloroethane

Concen: 32.477 ng

RT: 9.510 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

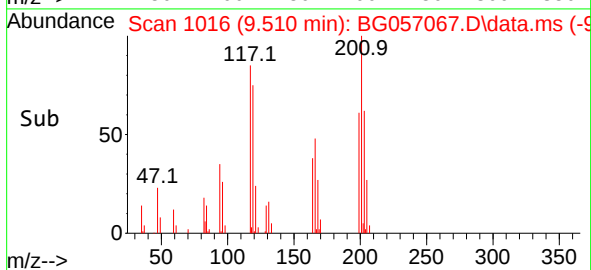
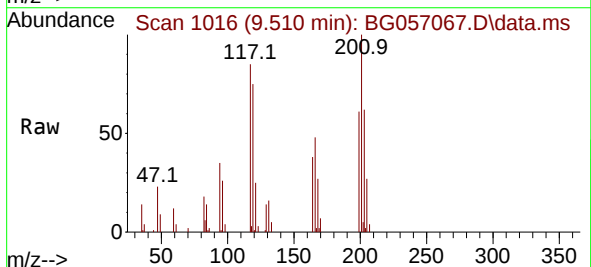
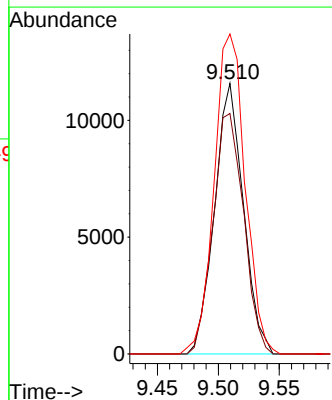
Tgt Ion:117 Resp: 19094

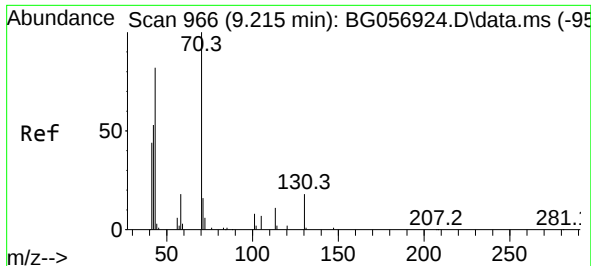
Ion Ratio Lower Upper

117 100

119 88.9 67.0 100.6

201 118.3 98.7 148.1

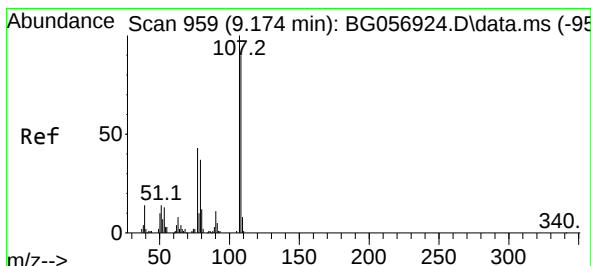
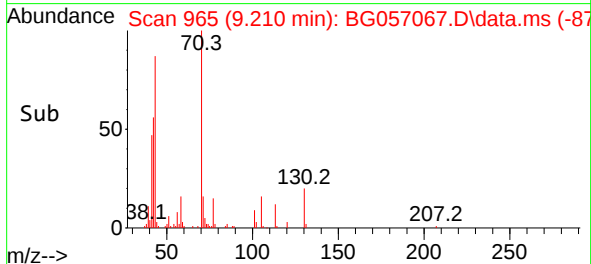
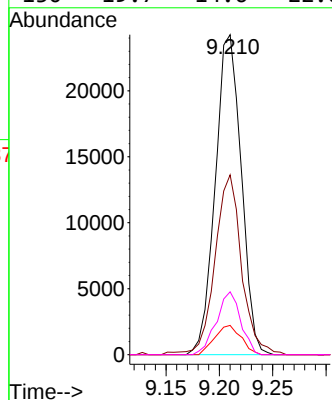
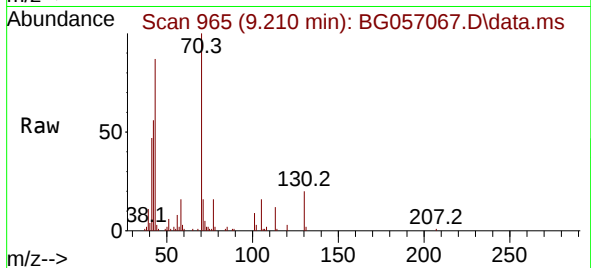




#19
n-Nitroso-di-n-propylamine
Concen: 26.492 ng
RT: 9.210 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

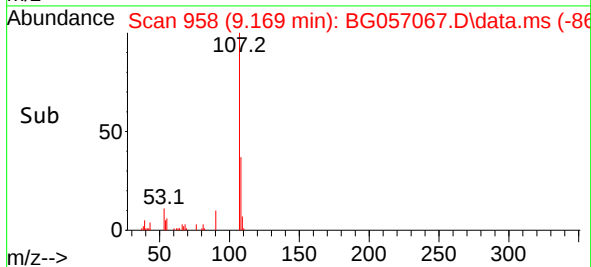
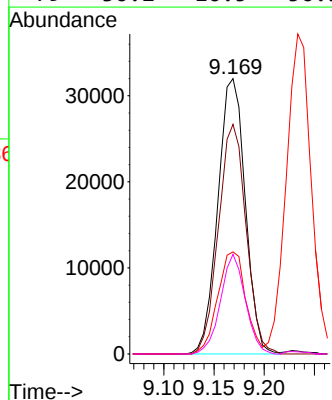
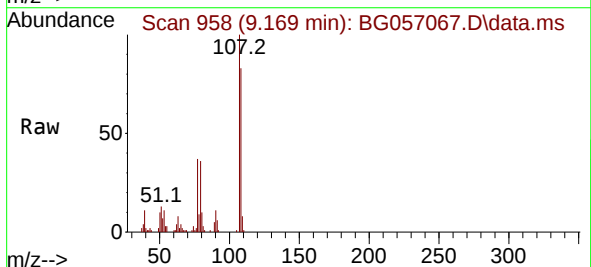
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

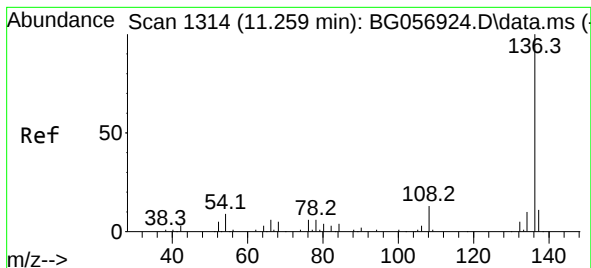
Tgt Ion: 70 Resp: 41039
Ion Ratio Lower Upper
70 100
42 56.2 43.4 65.0
101 9.2 6.2 9.2
130 19.7 14.6 22.0



#20
3+4-Methylphenols
Concen: 28.318 ng
RT: 9.169 min Scan# 958
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion: 107 Resp: 60626
Ion Ratio Lower Upper
107 100
108 83.4 69.9 109.9
77 37.1 22.7 62.7
79 36.2 16.5 56.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.248 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG057067.D

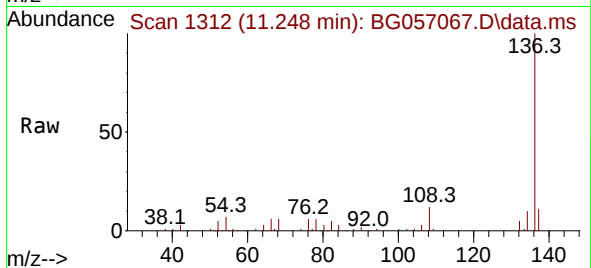
Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD



Tgt Ion:136 Resp: 85296

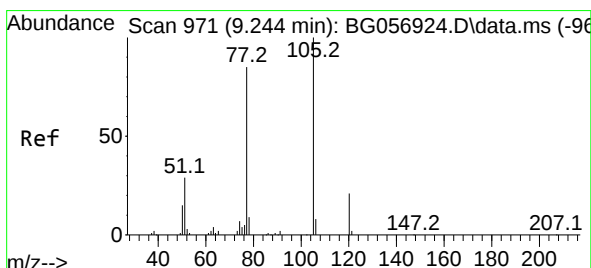
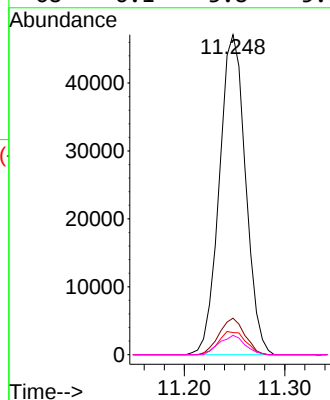
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 6.9 6.9 10.3

68 6.1 3.8 5.6#



#22

Acetophenone

Concen: 30.283 ng

RT: 9.233 min Scan# 969

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Tgt Ion:105 Resp: 76860

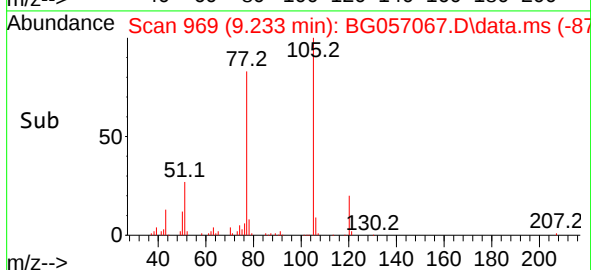
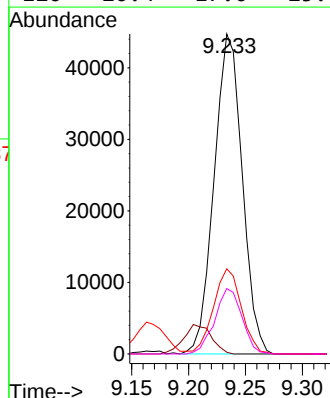
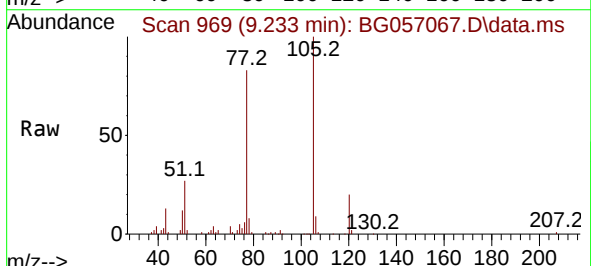
Ion Ratio Lower Upper

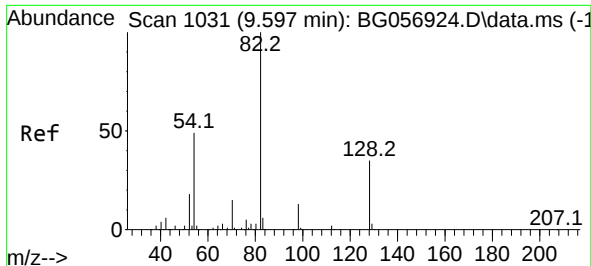
105 100

71 0.5 0.7 1.1#

51 26.6 23.8 35.8

120 20.4 17.0 25.4

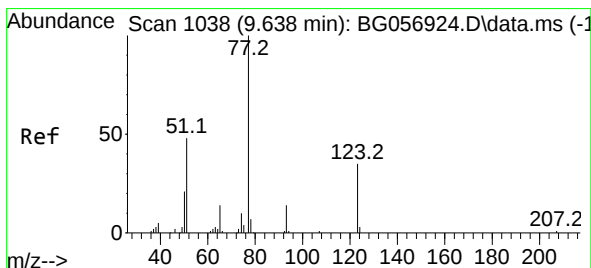
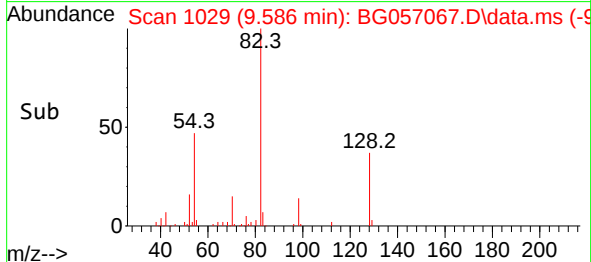
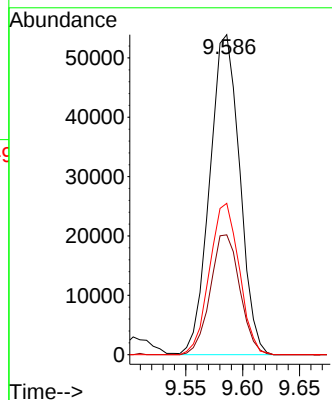
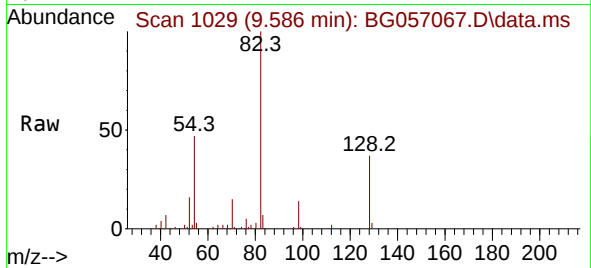




#23
Nitrobenzene-d5
Concen: 47.471 ng
RT: 9.586 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

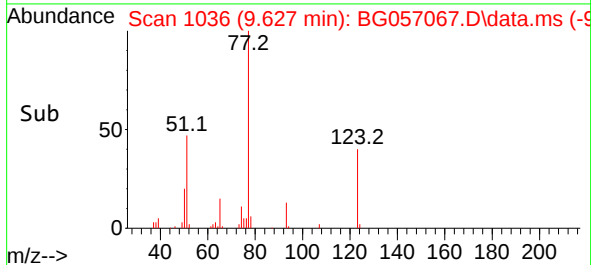
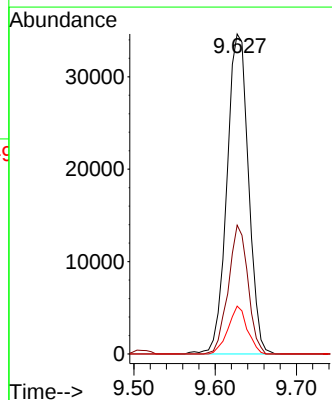
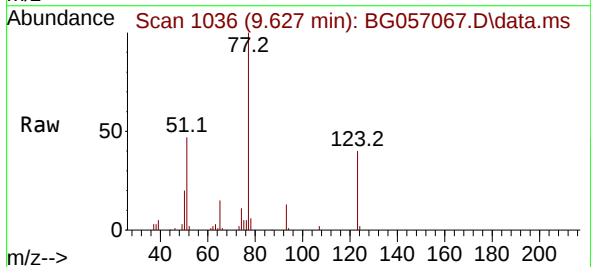
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

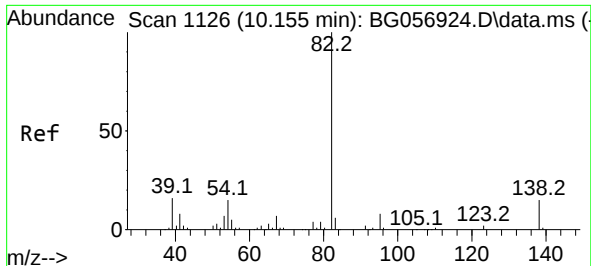
Tgt Ion: 82 Resp: 98958
Ion Ratio Lower Upper
82 100
128 37.4 27.9 41.9
54 47.3 39.4 59.2



#24
Nitrobenzene
Concen: 29.959 ng
RT: 9.627 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion: 77 Resp: 63851
Ion Ratio Lower Upper
77 100
123 40.2 27.6 41.4
65 14.9 11.5 17.3

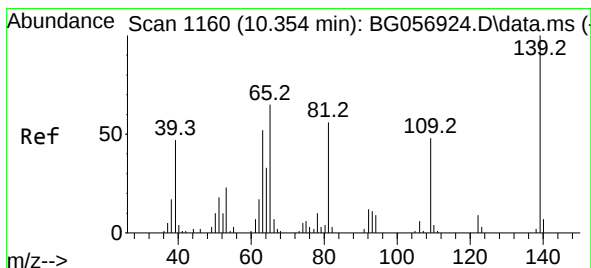
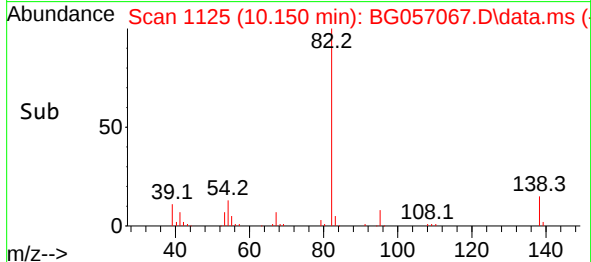
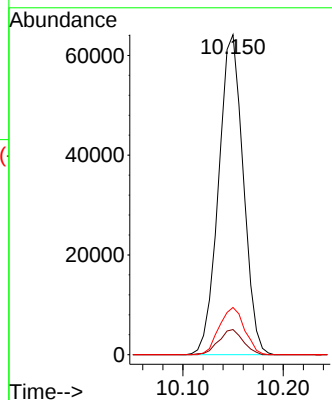
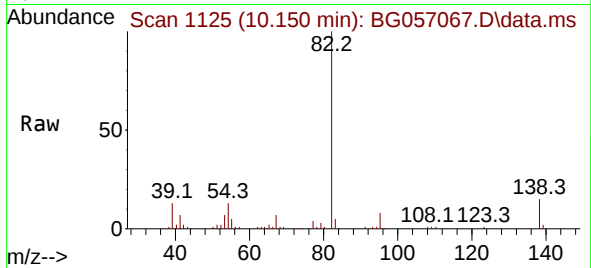




#25
Isophorone
Concen: 27.556 ng
RT: 10.150 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

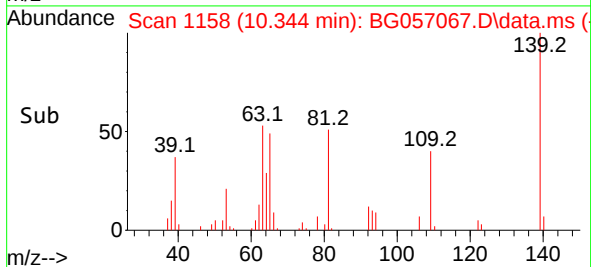
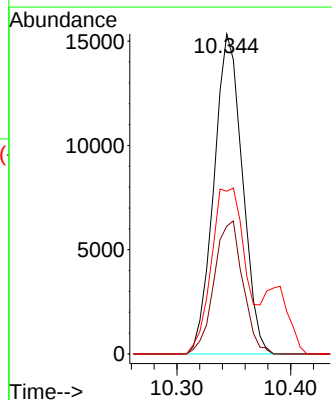
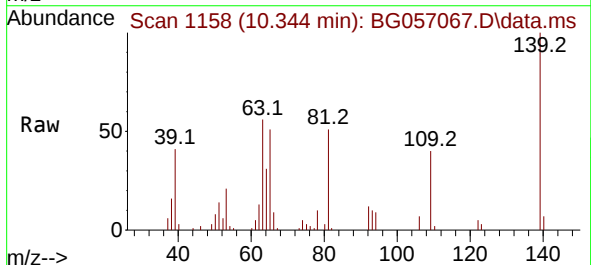
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion: 82 Resp: 109384
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 14.8 11.8 17.8



#26
2-Nitrophenol
Concen: 32.379 ng
RT: 10.344 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion: 139 Resp: 26636
Ion Ratio Lower Upper
139 100
109 39.9 38.2 57.4
65 50.9 51.8 77.8#

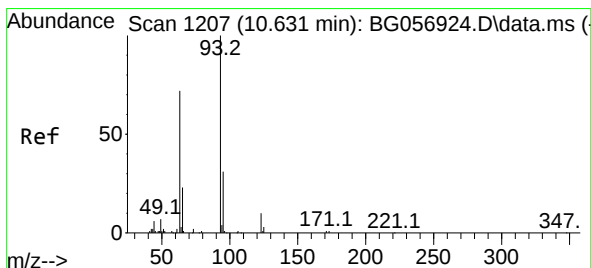
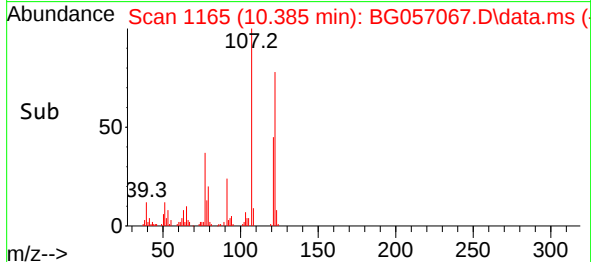
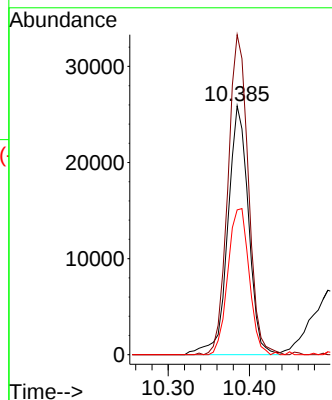
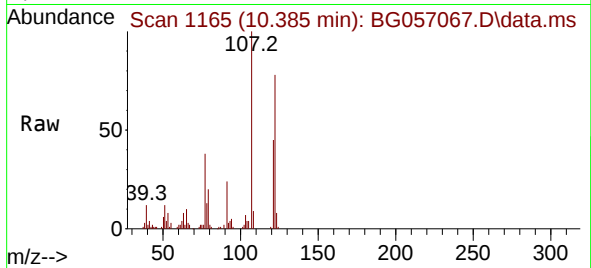




#27
2,4-Dimethylphenol
Concen: 31.443 ng
RT: 10.385 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

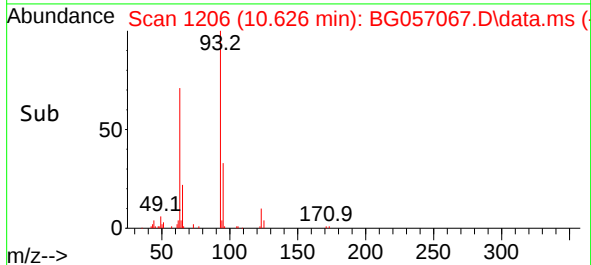
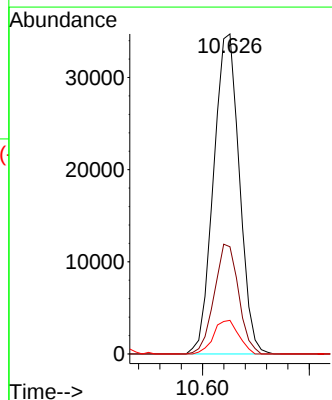
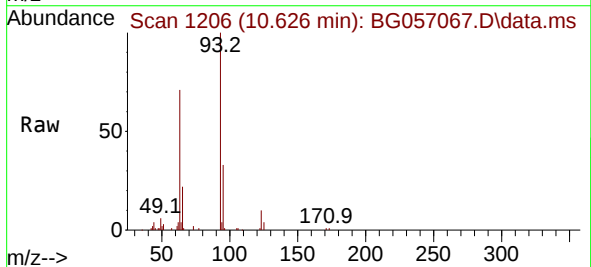
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

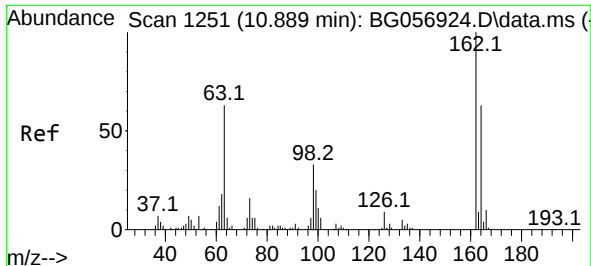
Tgt Ion:122 Resp: 45670
Ion Ratio Lower Upper
122 100
107 128.6 105.7 158.5
121 58.2 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 29.315 ng
RT: 10.626 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion: 93 Resp: 58259
Ion Ratio Lower Upper
93 100
95 33.5 24.6 37.0
123 10.5 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 30.787 ng

RT: 10.884 min Scan# 1250

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

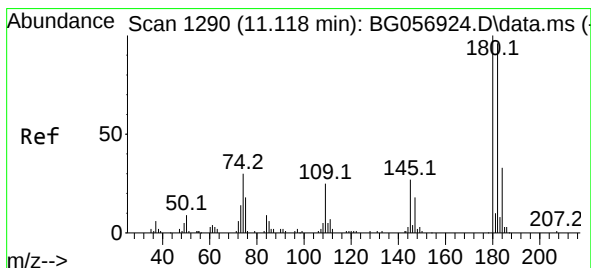
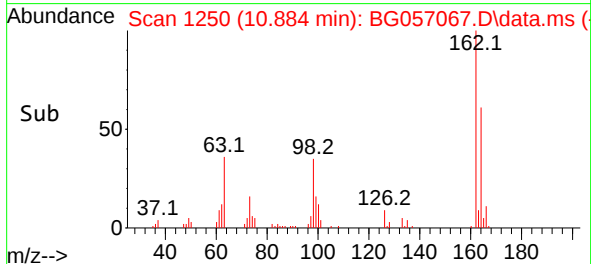
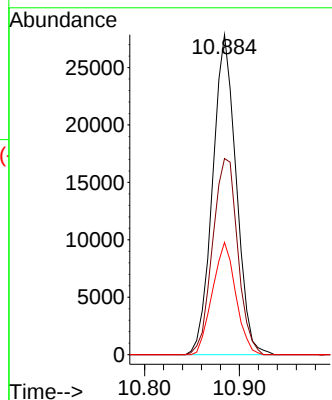
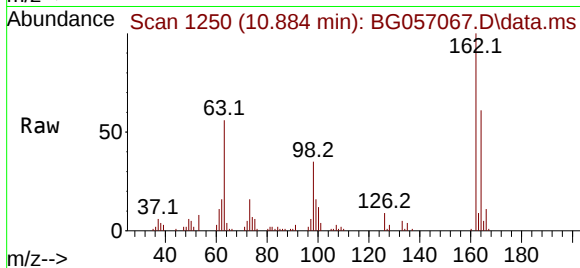
Tgt Ion:162 Resp: 48091

Ion Ratio Lower Upper

162 100

164 61.3 43.4 83.4

98 35.1 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 31.736 ng

RT: 11.102 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

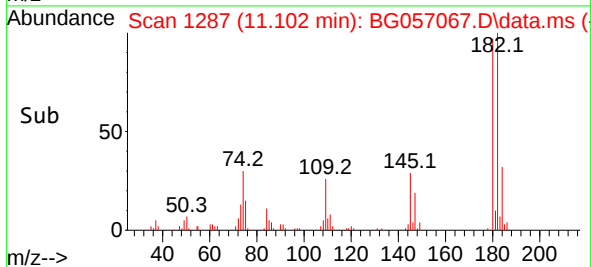
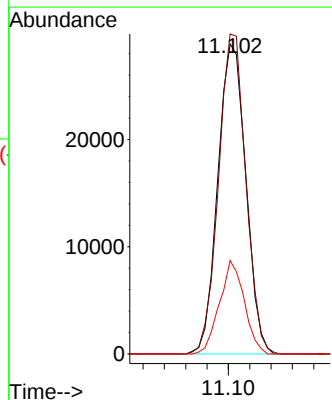
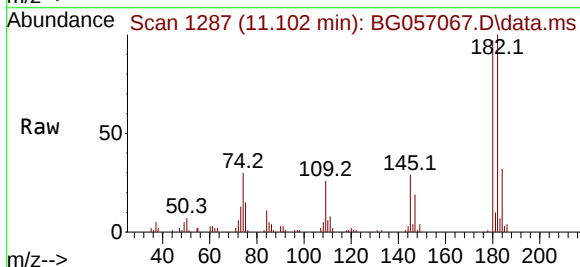
Tgt Ion:180 Resp: 52672

Ion Ratio Lower Upper

180 100

182 103.2 77.1 115.7

145 30.1 21.3 31.9

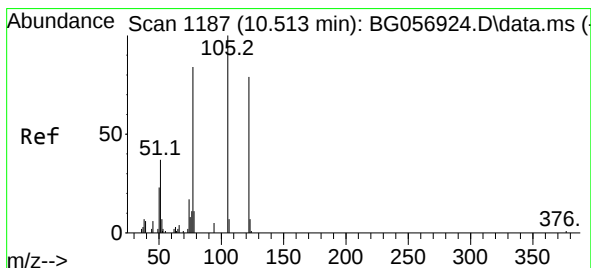
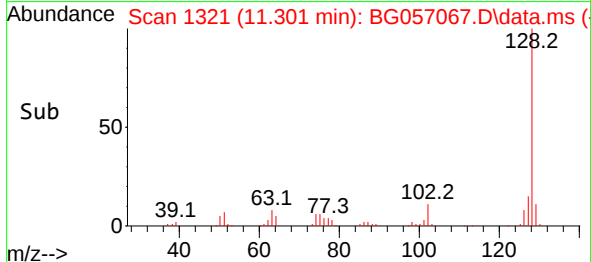
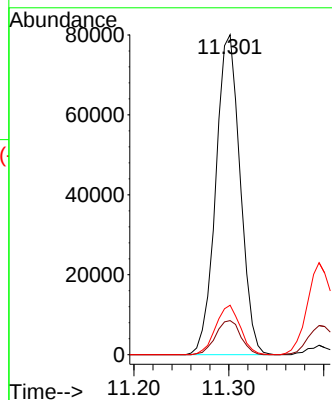
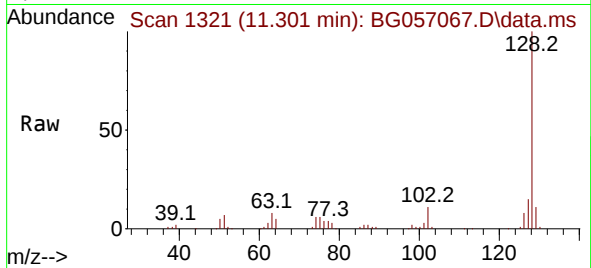




#31
Naphthalene
Concen: 30.730 ng
RT: 11.301 min Scan# 11301
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

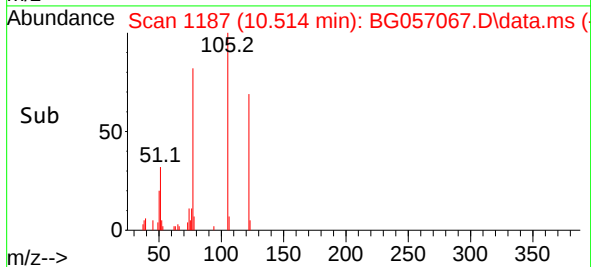
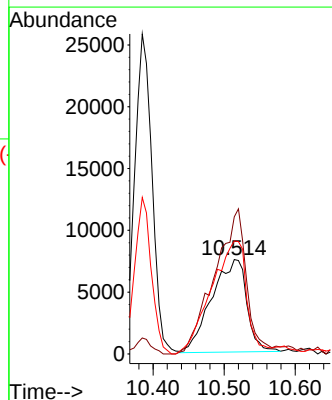
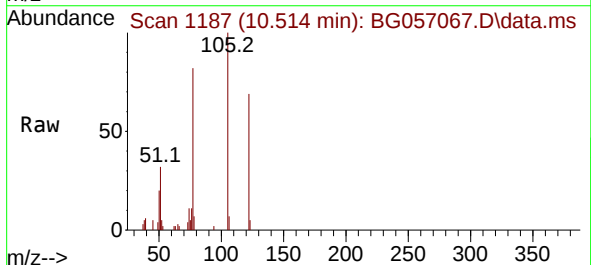
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

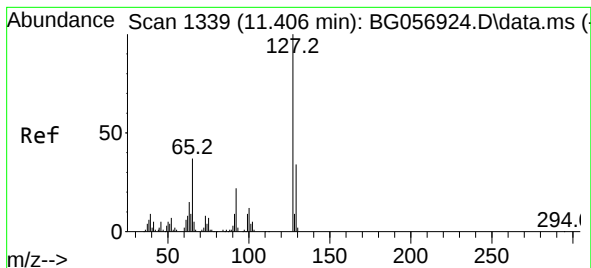
Tgt Ion:128 Resp: 142871
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 15.4 12.2 18.4



#32
Benzoic acid
Concen: 25.748 ng
RT: 10.514 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:122 Resp: 25689
Ion Ratio Lower Upper
122 100
105 145.3 105.4 145.4
77 119.7 87.4 127.4





#33

4-Chloroaniline

Concen: 20.481 ng

RT: 11.395 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG057067.D

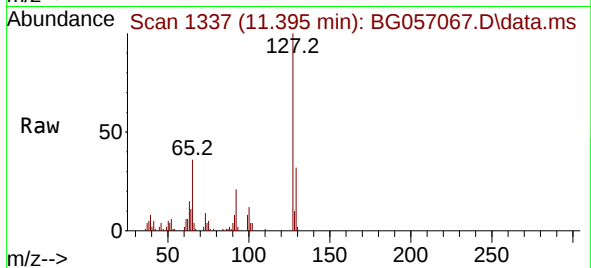
Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD



Tgt Ion:127 Resp: 43005

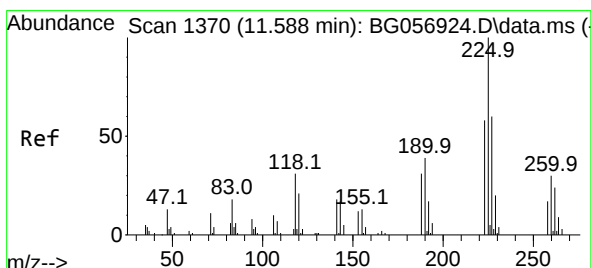
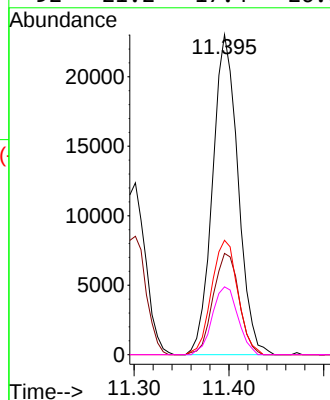
Ion Ratio Lower Upper

127 100

129 31.6 27.6 41.4

65 35.8 29.8 44.8

92 21.2 17.4 26.0



#34

Hexachlorobutadiene

Concen: 29.580 ng

RT: 11.571 min Scan# 1367

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

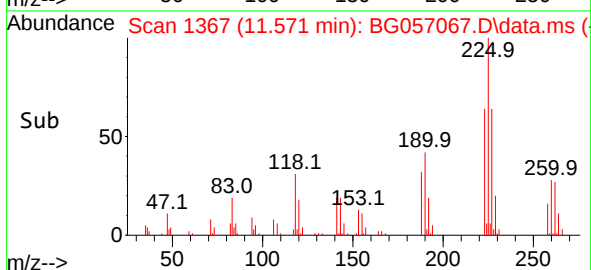
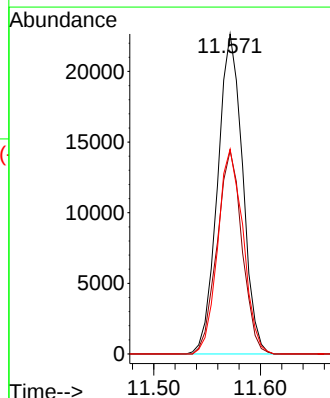
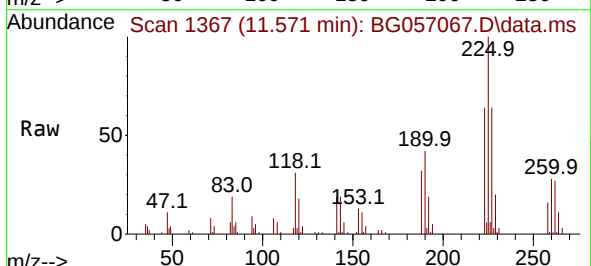
Tgt Ion:225 Resp: 36879

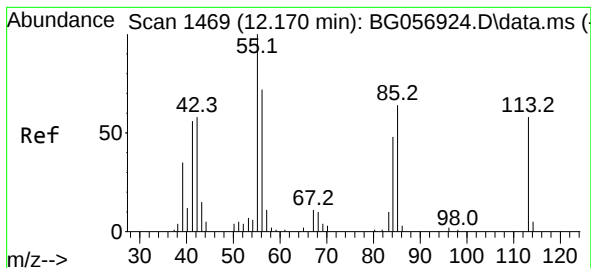
Ion Ratio Lower Upper

225 100

223 63.6 46.4 69.6

227 64.0 48.0 72.0

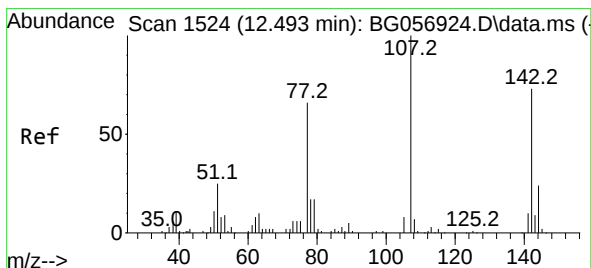
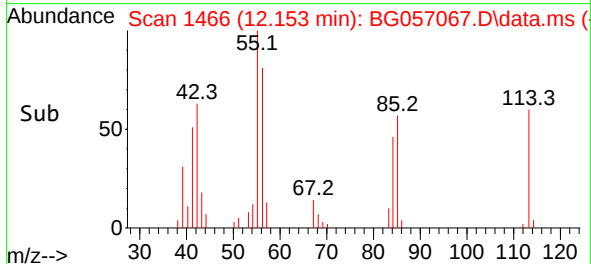
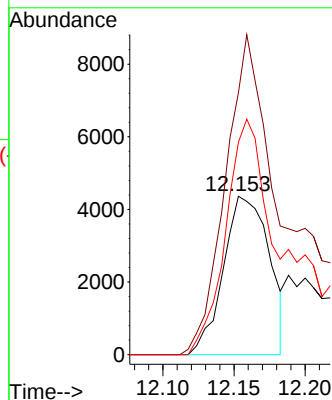
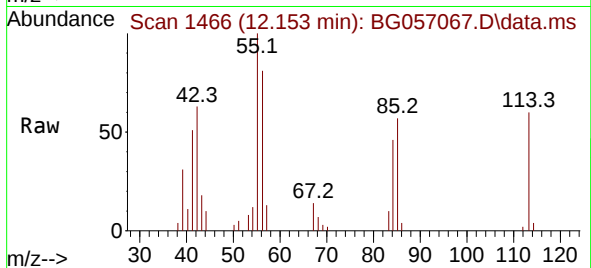




#35
 Caprolactam
 Concen: 18.183 ng
 RT: 12.153 min Scan# 1466
 Delta R.T. -0.012 min
 Lab File: BG057067.D
 Acq: 12 Apr 2023 17:09

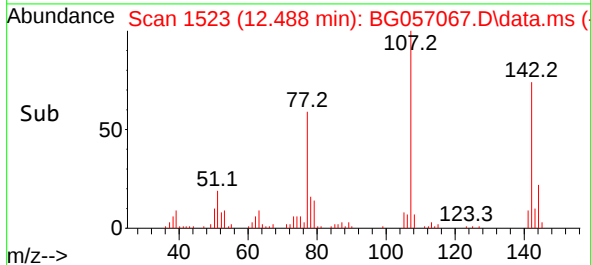
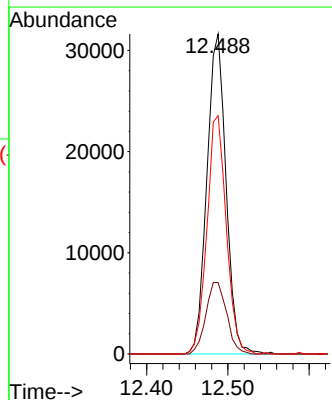
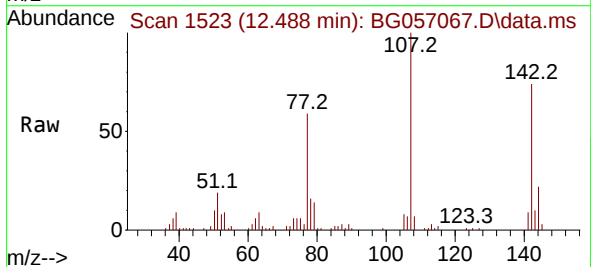
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MSD

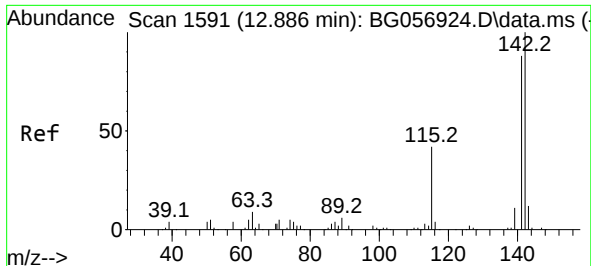
Tgt Ion:113 Resp: 9795
 Ion Ratio Lower Upper
 113 100
 55 165.3 151.6 191.6
 56 134.1 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 29.532 ng
 RT: 12.488 min Scan# 1523
 Delta R.T. -0.000 min
 Lab File: BG057067.D
 Acq: 12 Apr 2023 17:09

Tgt Ion:107 Resp: 51588
 Ion Ratio Lower Upper
 107 100
 144 22.3 19.0 28.4
 142 74.5 58.6 88.0





#37

2-Methylnaphthalene

Concen: 28.086 ng

RT: 12.876 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

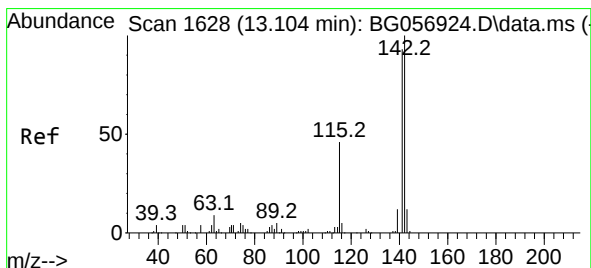
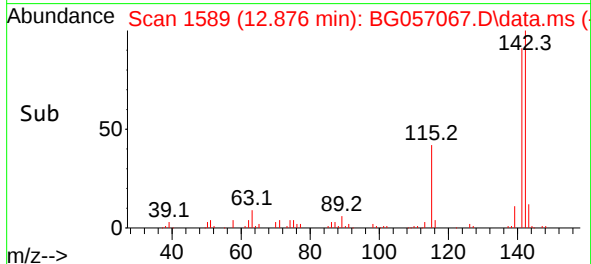
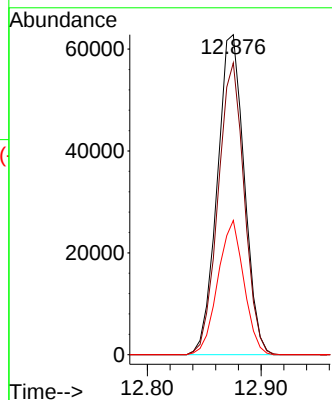
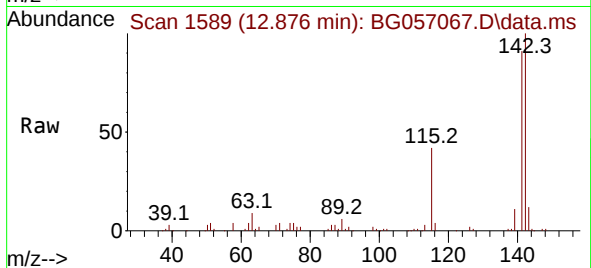
Tgt Ion:142 Resp: 103634

Ion Ratio Lower Upper

142 100

141 91.2 70.3 105.5

115 42.0 33.5 50.3



#38

1-Methylnaphthalene

Concen: 27.546 ng

RT: 13.093 min Scan# 1626

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

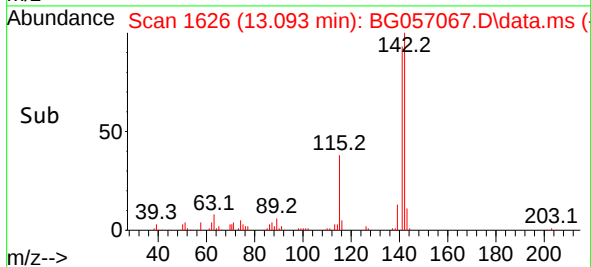
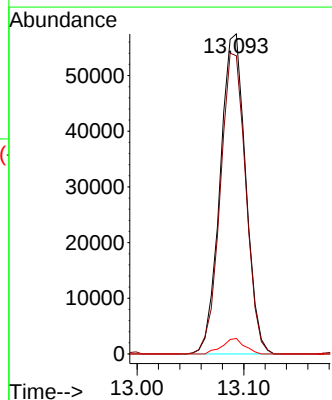
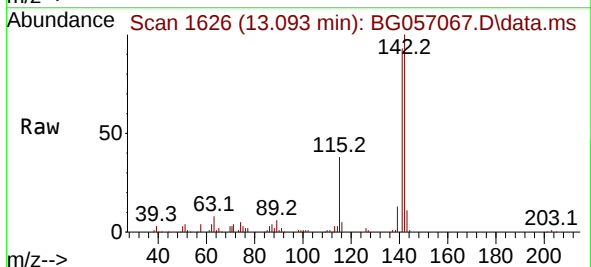
Tgt Ion:142 Resp: 95443

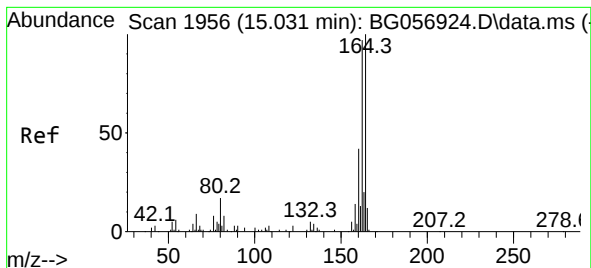
Ion Ratio Lower Upper

142 100

141 93.2 74.0 111.0

116 4.9 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.020 min Scan# 1954

Delta R.T. -0.000 min

Lab File: BG057067.D

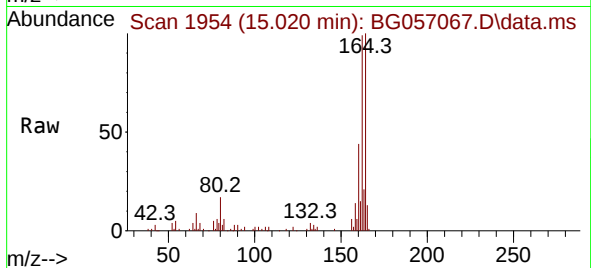
Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD



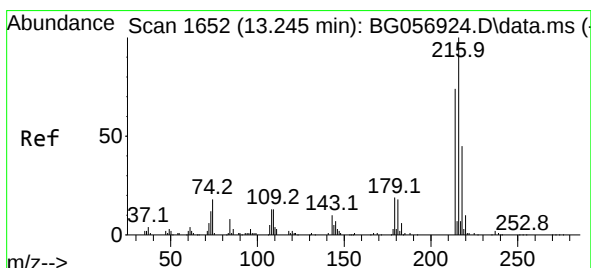
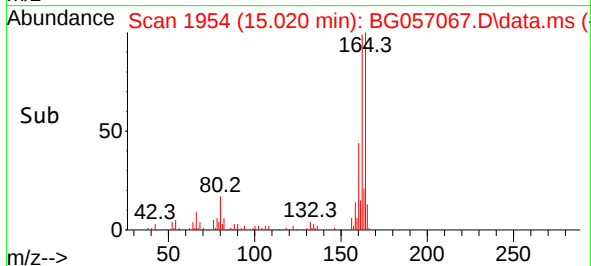
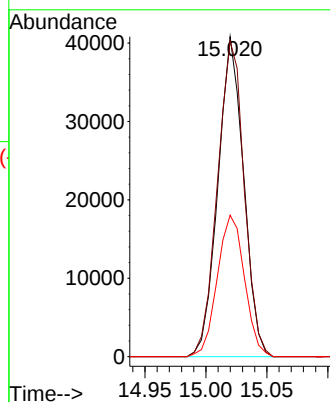
Tgt Ion:164 Resp: 59683

Ion Ratio Lower Upper

164 100

162 98.6 77.8 116.8

160 44.2 33.5 50.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.390 ng

RT: 13.234 min Scan# 1650

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Tgt Ion:216 Resp: 67035

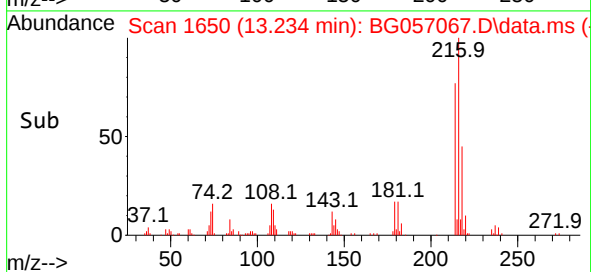
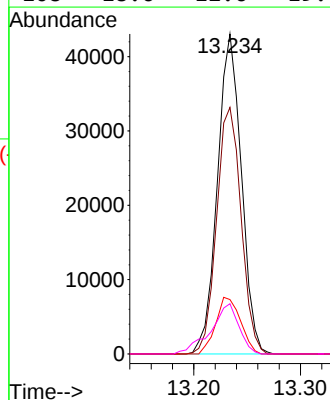
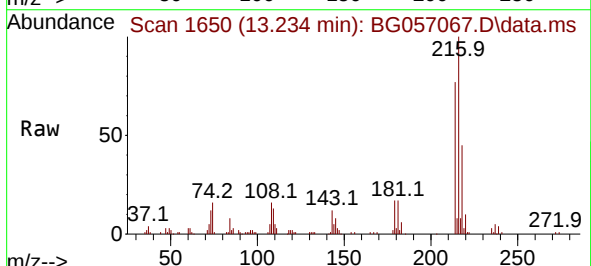
Ion Ratio Lower Upper

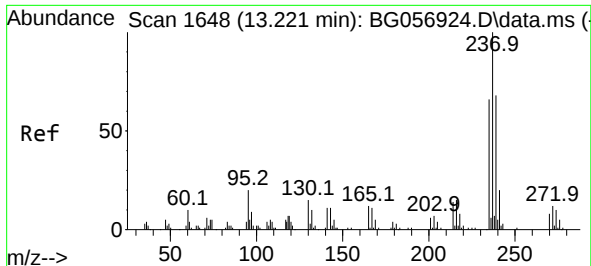
216 100

214 78.6 63.3 94.9

179 18.3 15.0 22.6

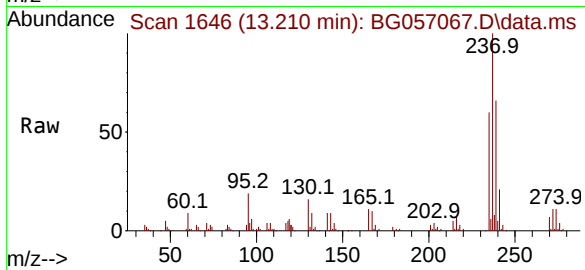
108 18.6 12.6 19.0



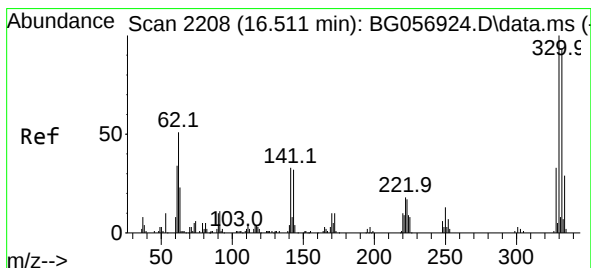
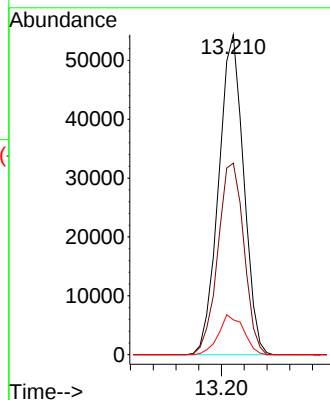
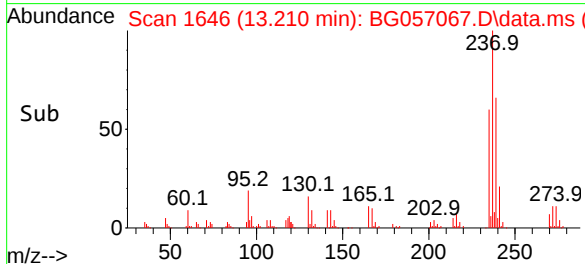


#41
Hexachlorocyclopentadiene
Concen: 72.927 ng
RT: 13.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

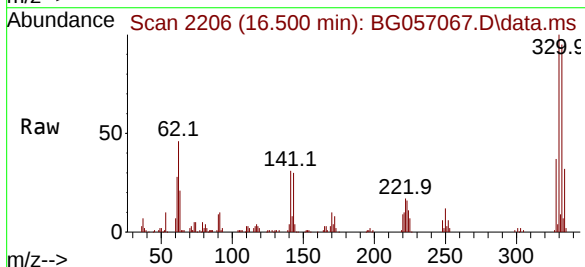
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



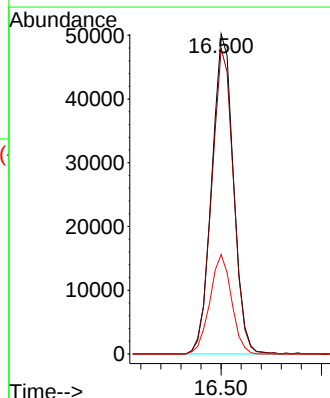
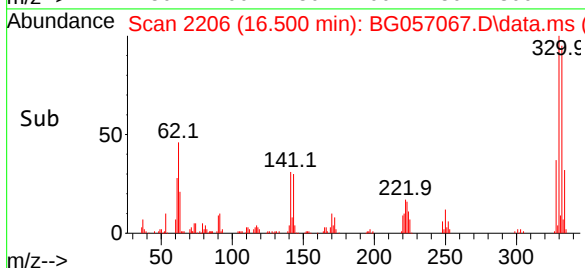
Tgt Ion:237 Resp: 83160
Ion Ratio Lower Upper
237 100
235 59.8 45.9 85.9
272 10.9 0.0 32.3

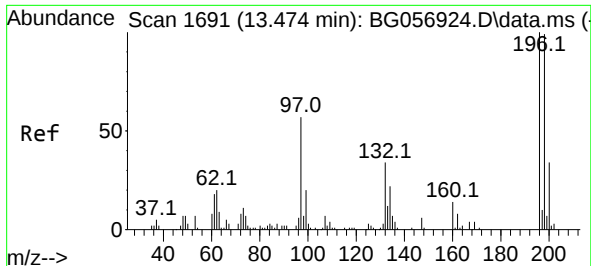


#42
2,4,6-Tribromophenol
Concen: 78.760 ng
RT: 16.500 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09



Tgt Ion:330 Resp: 75094
Ion Ratio Lower Upper
330 100
332 96.3 76.1 114.1
141 31.0 25.8 38.6

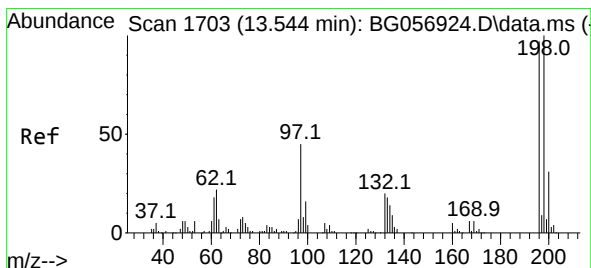
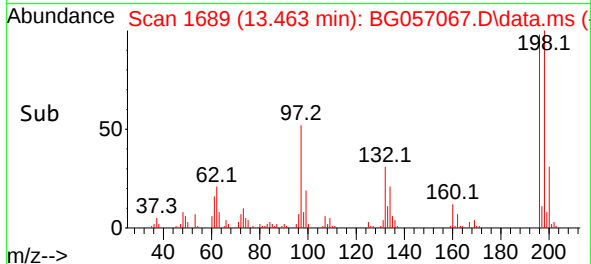
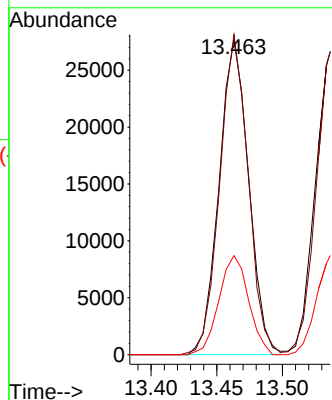
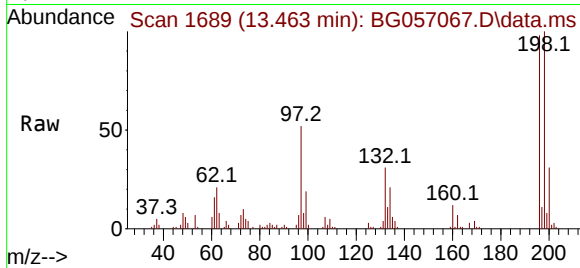




#43
2,4,6-Trichlorophenol
Concen: 32.753 ng
RT: 13.463 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

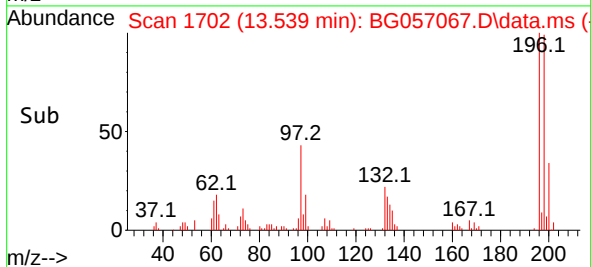
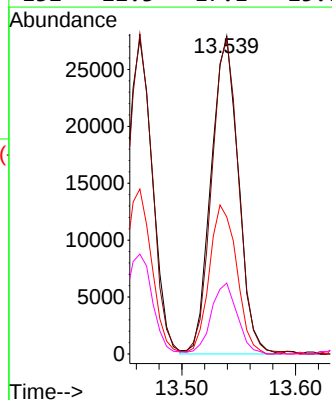
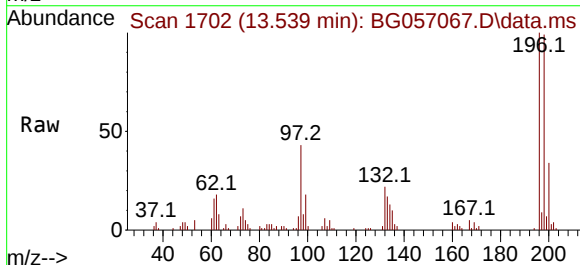
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

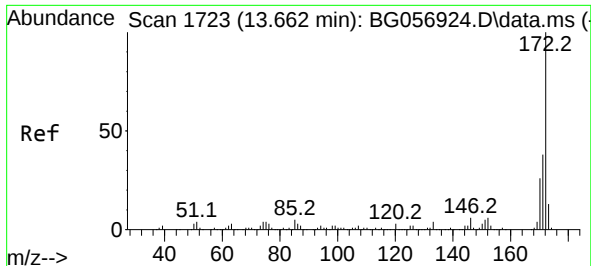
Tgt Ion:196 Resp: 43257
Ion Ratio Lower Upper
196 100
198 101.6 79.1 118.7
200 31.4 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 29.710 ng
RT: 13.539 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:196 Resp: 46484
Ion Ratio Lower Upper
196 100
198 99.2 82.5 123.7
97 43.0 37.0 55.6
132 22.3 17.1 25.7

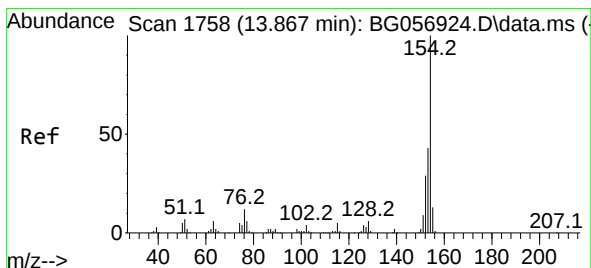
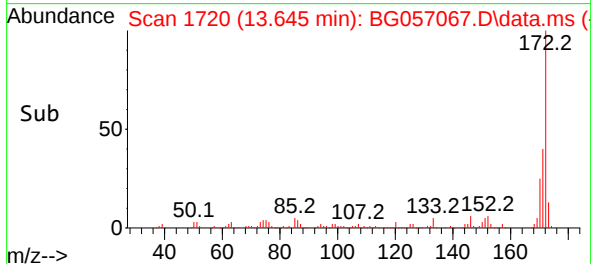
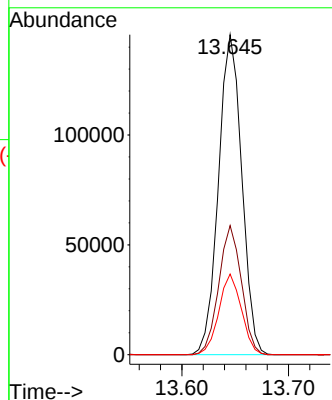
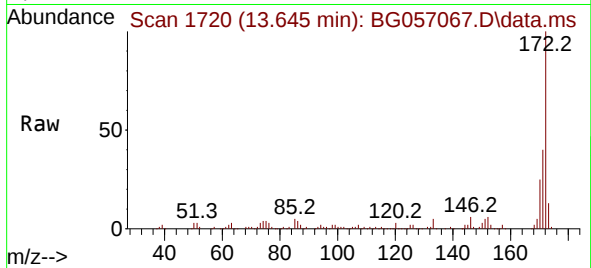




#45
2-Fluorobiphenyl
Concen: 50.151 ng
RT: 13.645 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

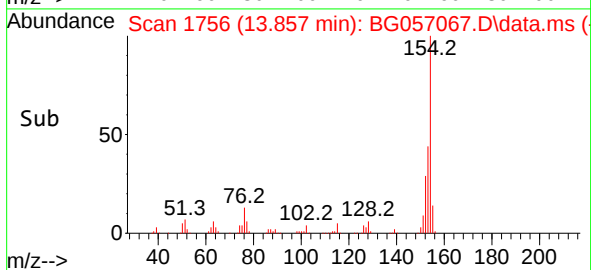
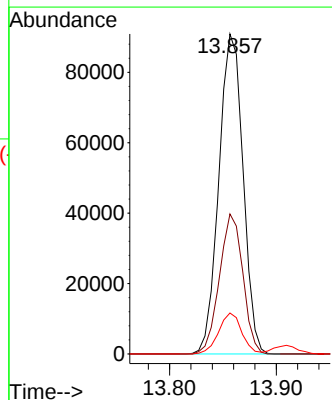
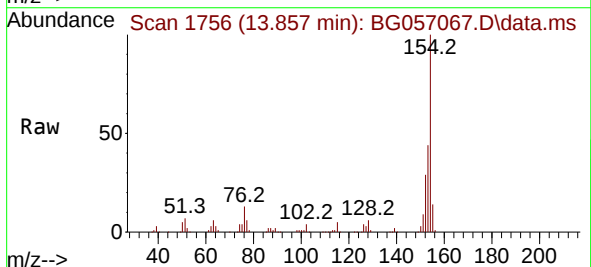
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion:172 Resp: 220732
Ion Ratio Lower Upper
172 100
171 40.3 30.6 46.0
170 25.2 20.6 30.8



#46
1,1'-Biphenyl
Concen: 32.696 ng
RT: 13.857 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:154 Resp: 142846
Ion Ratio Lower Upper
154 100
153 43.8 23.4 63.4
76 12.8 0.0 31.6

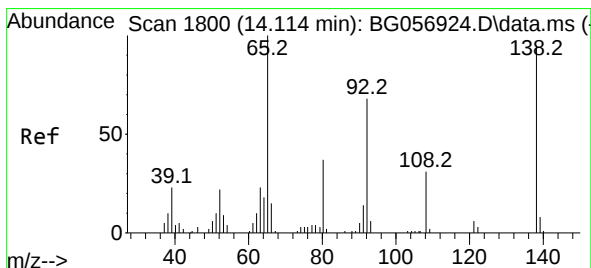
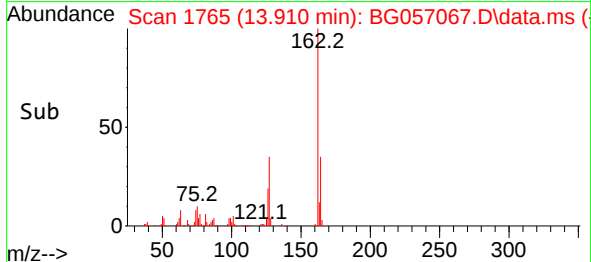
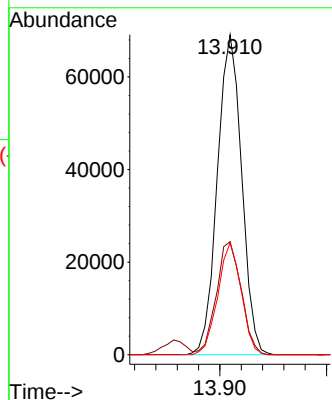
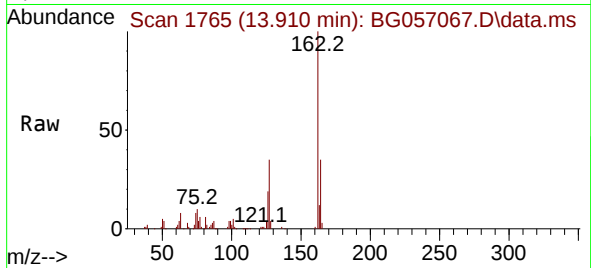




#47
2-Chloronaphthalene
Concen: 33.792 ng
RT: 13.910 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

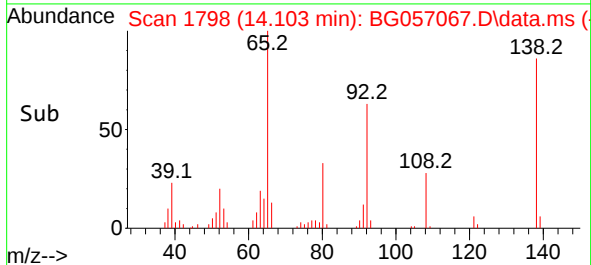
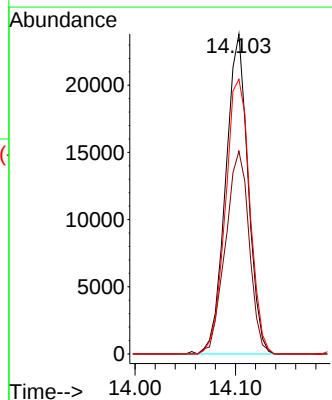
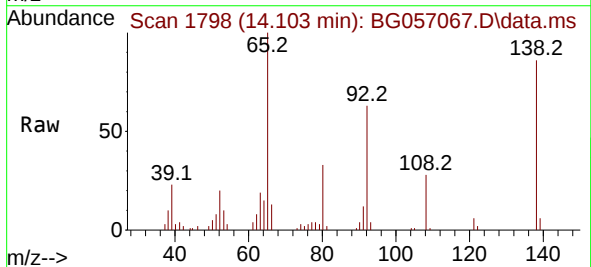
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion:162 Resp: 109190
Ion Ratio Lower Upper
162 100
127 35.3 29.5 44.3
164 35.0 25.5 38.3



#48
2-Nitroaniline
Concen: 31.879 ng
RT: 14.103 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion: 65 Resp: 36833
Ion Ratio Lower Upper
65 100
92 63.4 54.3 81.5
138 85.9 76.0 114.0

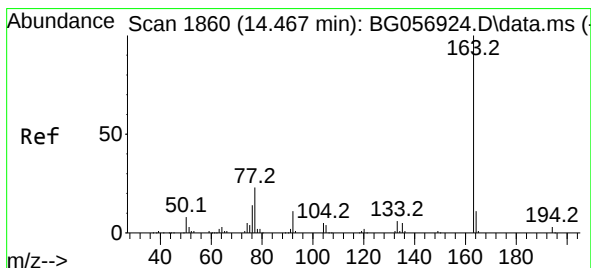
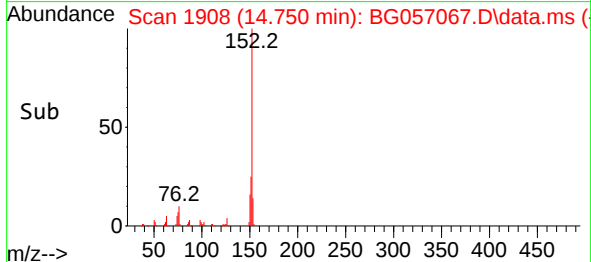
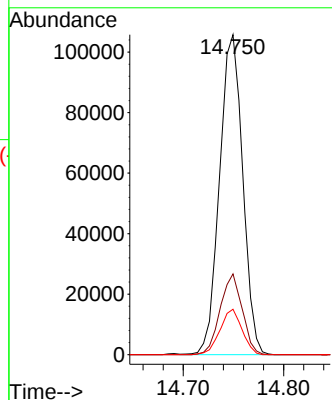
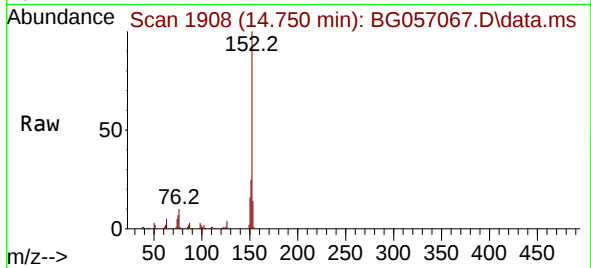




#49
Acenaphthylene
Concen: 31.921 ng
RT: 14.750 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

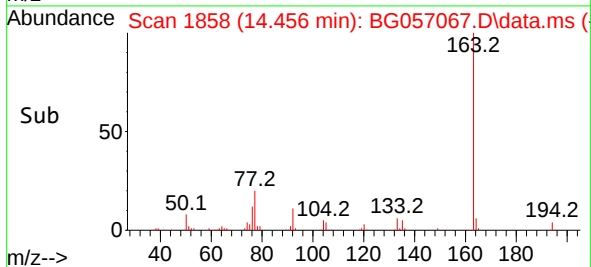
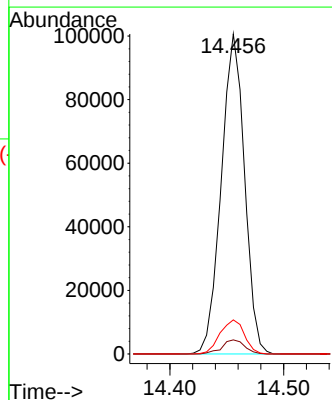
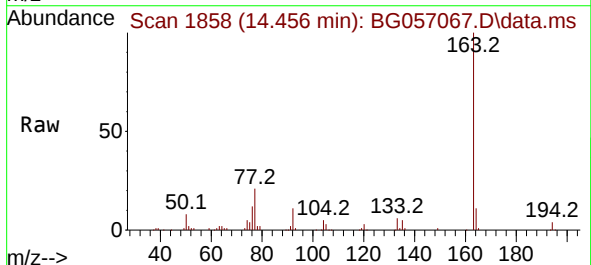
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion:152 Resp: 169469
Ion Ratio Lower Upper
152 100
151 25.3 18.2 27.2
153 14.2 10.5 15.7



#50
Dimethylphthalate
Concen: 30.411 ng
RT: 14.456 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:163 Resp: 143012
Ion Ratio Lower Upper
163 100
194 4.4 2.8 4.2#
164 10.6 8.8 13.2

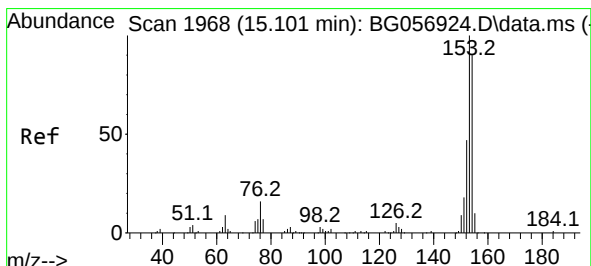
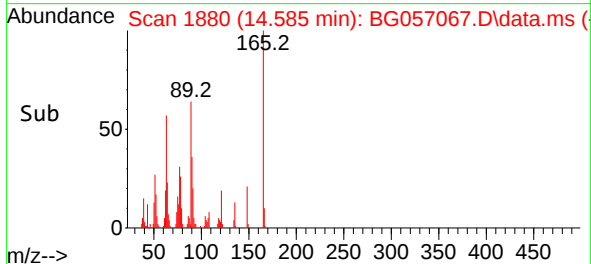
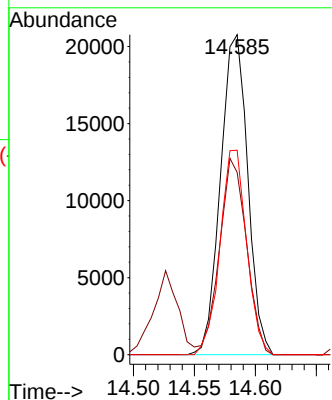
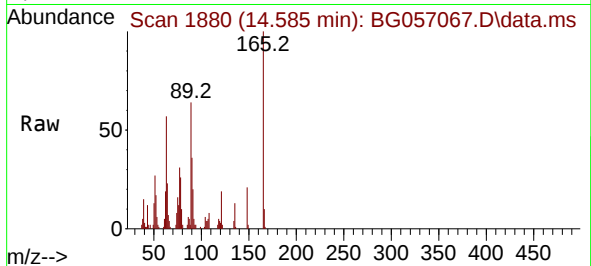




#51
2,6-Dinitrotoluene
Concen: 31.714 ng
RT: 14.585 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

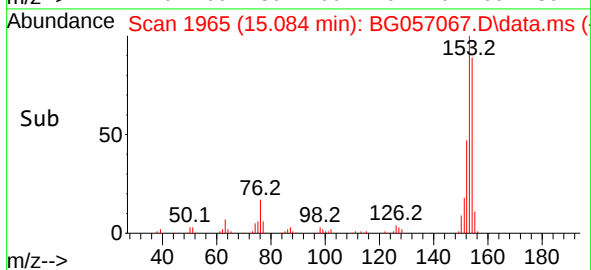
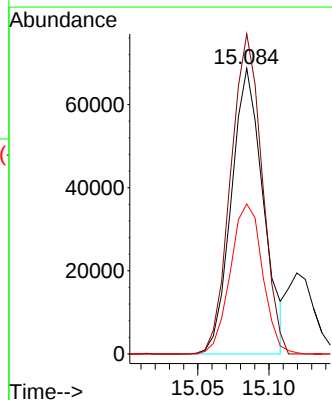
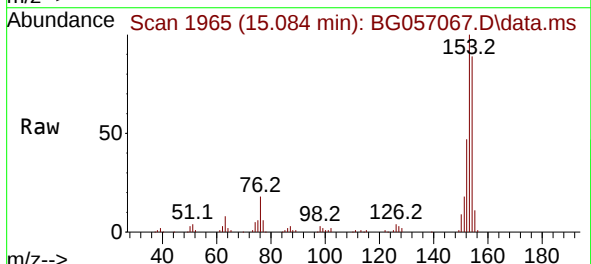
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion:165 Resp: 32223
Ion Ratio Lower Upper
165 100
63 56.9 53.0 79.6
89 63.9 51.0 76.4



#52
Acenaphthene
Concen: 29.205 ng
RT: 15.084 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:154 Resp: 106933
Ion Ratio Lower Upper
154 100
153 112.1 88.9 133.3
152 52.5 41.8 62.8

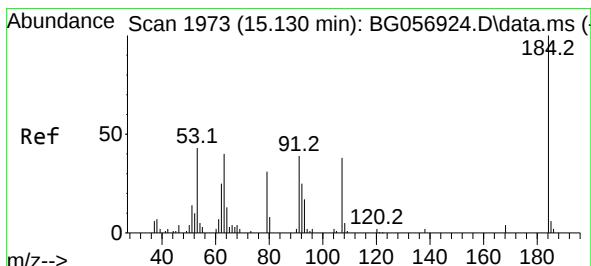
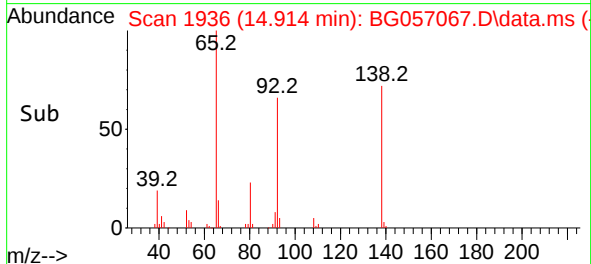
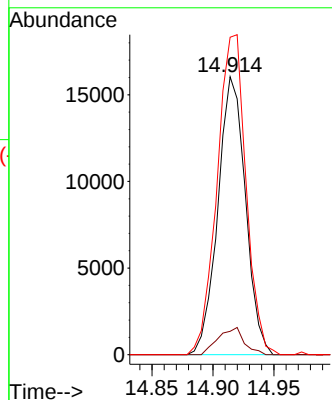
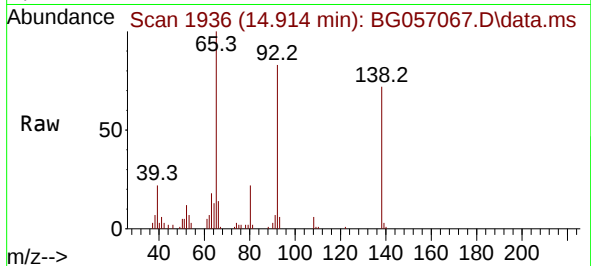




#53
3-Nitroaniline
Concen: 25.099 ng
RT: 14.914 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

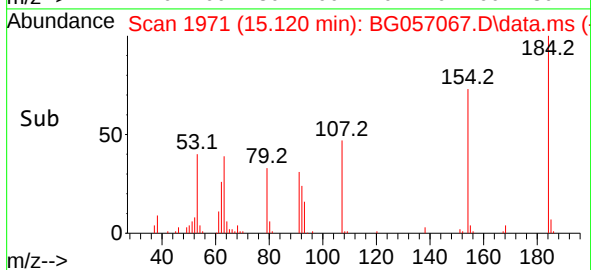
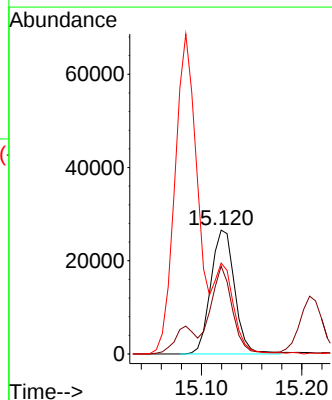
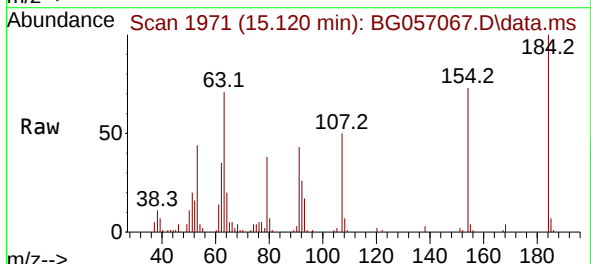
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

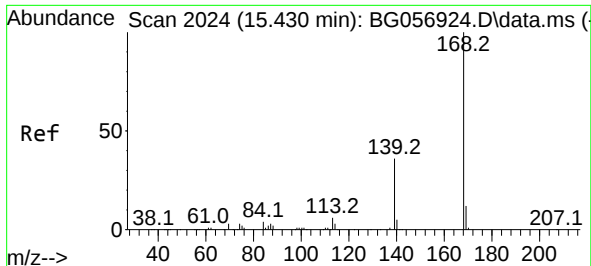
Tgt Ion:138 Resp: 25242
Ion Ratio Lower Upper
138 100
108 8.4 8.2 12.2
92 114.3 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 76.824 ng
RT: 15.120 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:184 Resp: 43935
Ion Ratio Lower Upper
184 100
63 70.9 46.5 69.7#
154 73.3 53.5 80.3

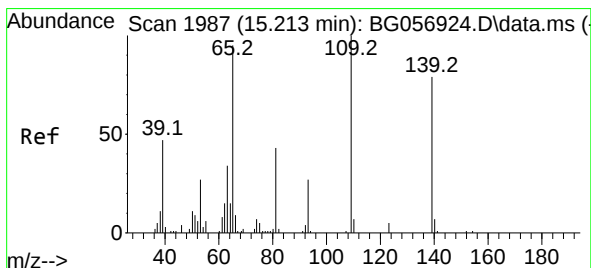
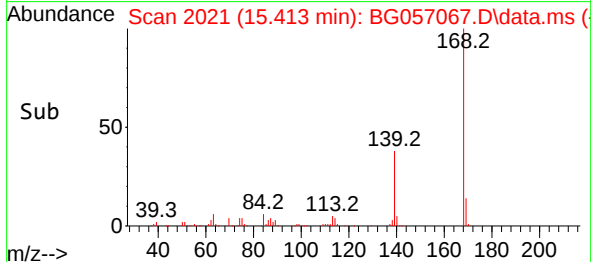
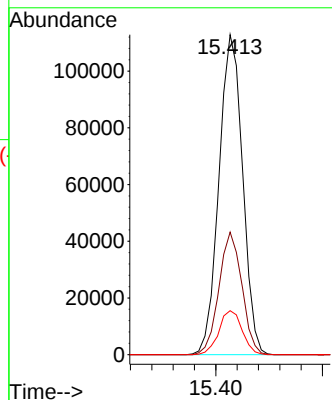
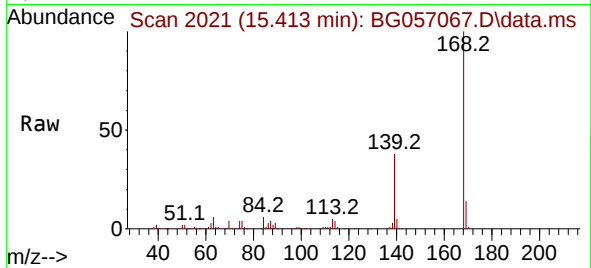




#55
Dibenzenofuran
Concen: 31.580 ng
RT: 15.413 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

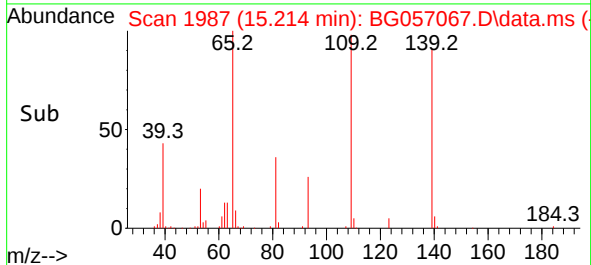
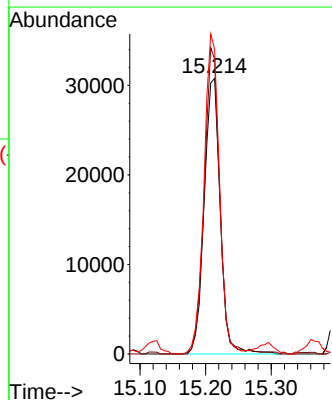
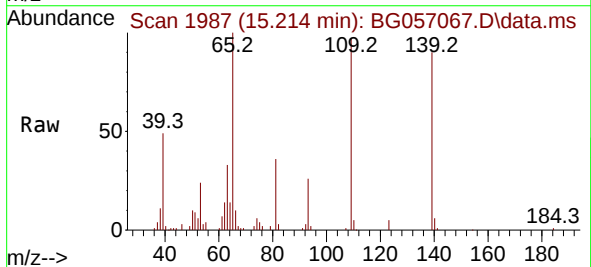
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

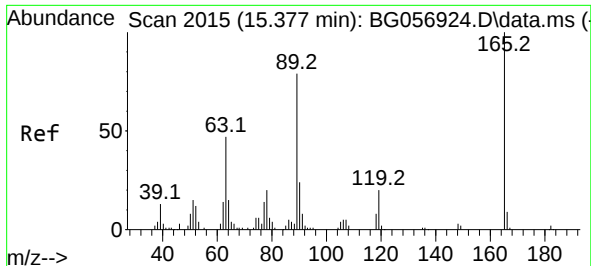
Tgt Ion:168 Resp: 173547
Ion Ratio Lower Upper
168 100
139 38.3 28.9 43.3
169 13.8 9.8 14.6



#56
4-Nitrophenol
Concen: 70.704 ng
RT: 15.214 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:139 Resp: 52581
Ion Ratio Lower Upper
139 100
109 107.0 106.7 146.7
65 110.6 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 31.937 ng

RT: 15.366 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BG057067.D

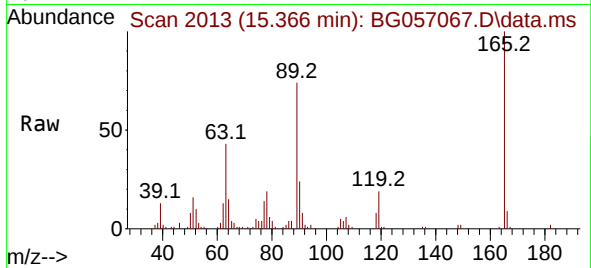
Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD



Tgt Ion:165 Resp: 45766

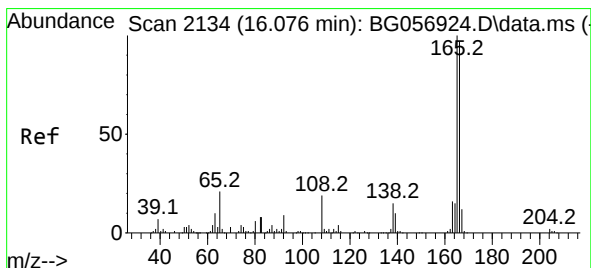
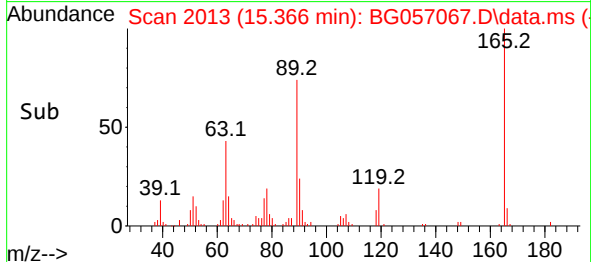
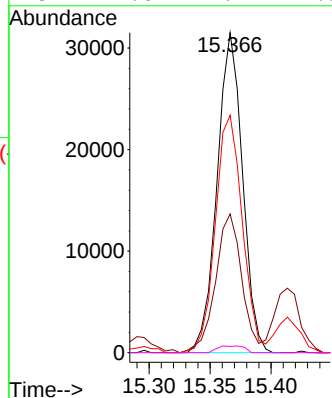
Ion Ratio Lower Upper

165 100

63 43.4 37.7 56.5

89 74.2 63.2 94.8

182 2.0 1.7 2.5



#58

Fluorene

Concen: 31.277 ng

RT: 16.060 min Scan# 2131

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

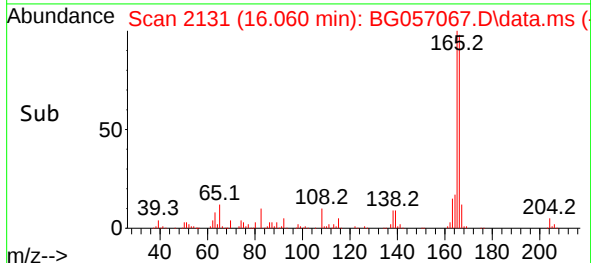
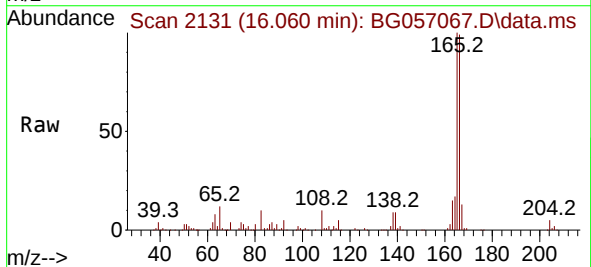
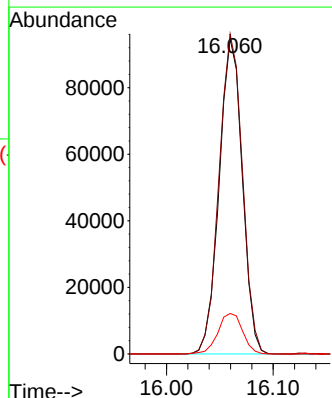
Tgt Ion:166 Resp: 142232

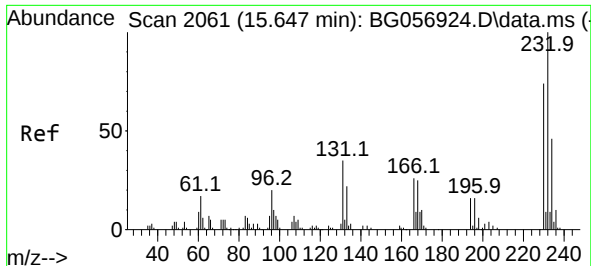
Ion Ratio Lower Upper

166 100

165 101.5 82.6 123.8

167 12.8 10.2 15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 31.136 ng

RT: 15.637 min Scan# 2061

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

Tgt Ion:232 Resp: 44355

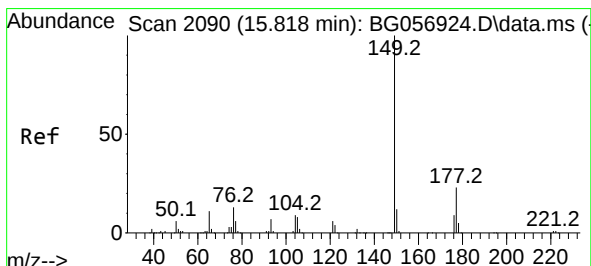
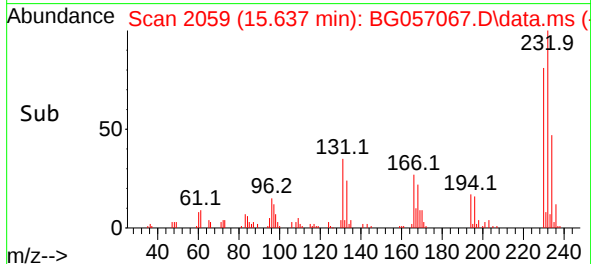
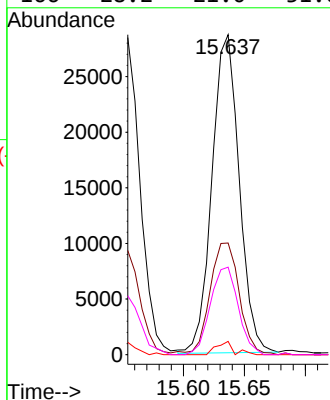
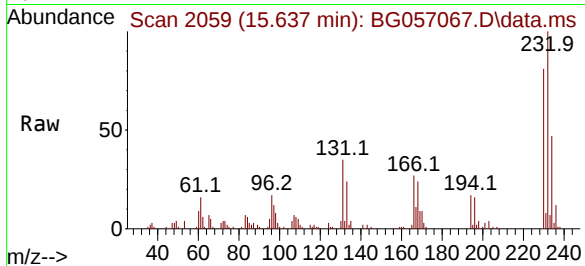
Ion Ratio Lower Upper

232 100

131 38.1 29.3 43.9

130 2.7 1.7 2.5#

166 28.2 21.0 31.6



#60

Diethylphthalate

Concen: 31.046 ng

RT: 15.801 min Scan# 2087

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

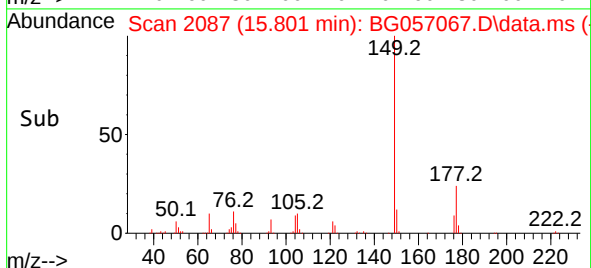
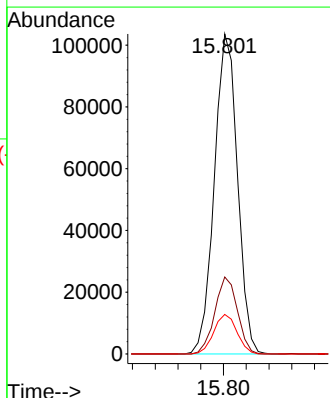
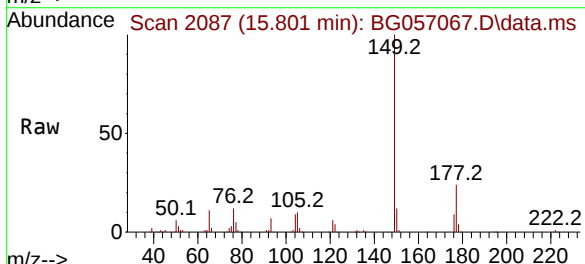
Tgt Ion:149 Resp: 146362

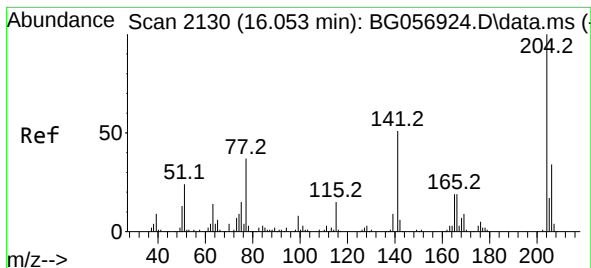
Ion Ratio Lower Upper

149 100

177 24.1 18.8 28.2

150 12.3 9.4 14.2

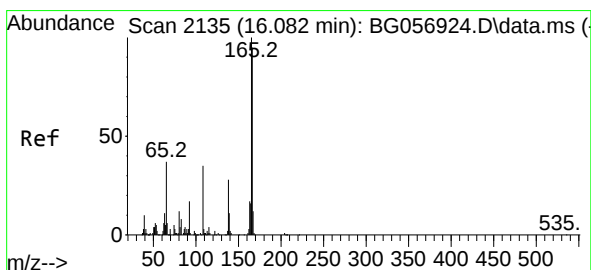
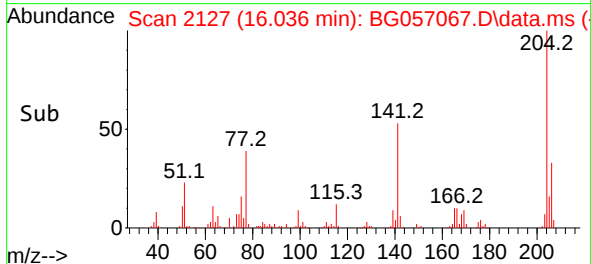
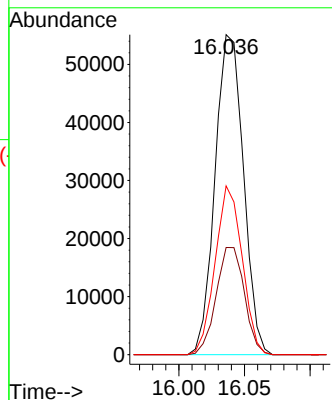
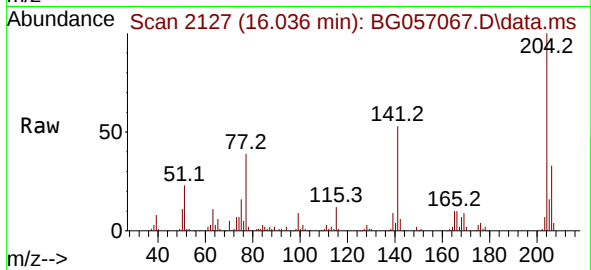




#61
4-Chlorophenyl-phenylether
Concen: 31.041 ng
RT: 16.036 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

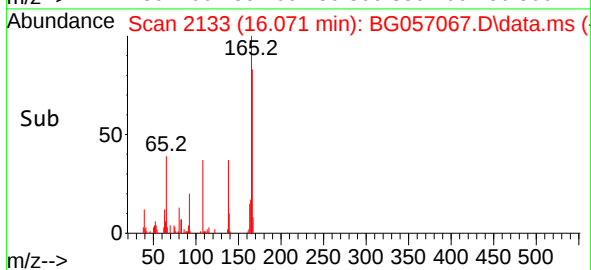
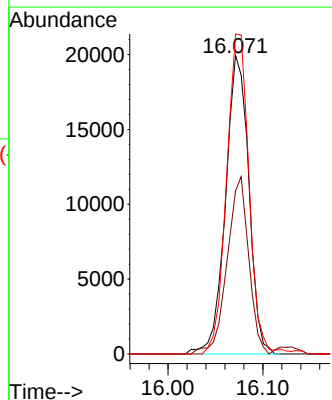
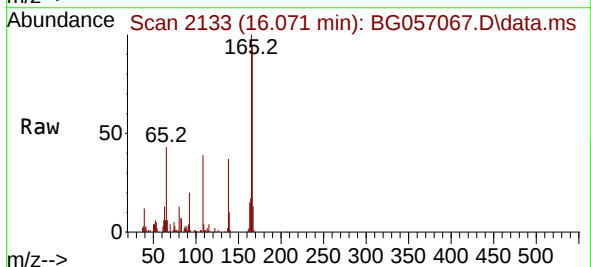
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

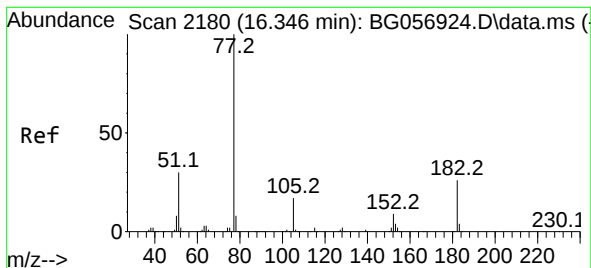
Tgt Ion:204 Resp: 82877
Ion Ratio Lower Upper
204 100
206 33.5 27.2 40.8
141 52.7 40.7 61.1



#62
4-Nitroaniline
Concen: 32.545 ng
RT: 16.071 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:138 Resp: 33911
Ion Ratio Lower Upper
138 100
92 54.6 40.9 80.9
108 107.1 104.3 144.3





#63

Azobenzene

Concen: 32.050 ng

RT: 16.336 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

Tgt Ion: 77 Resp: 150577

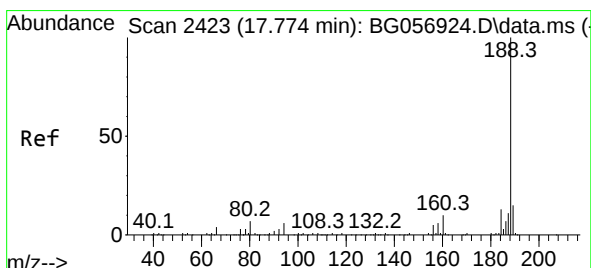
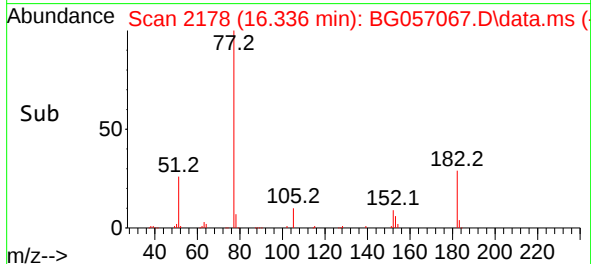
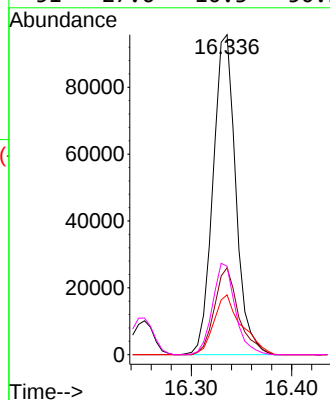
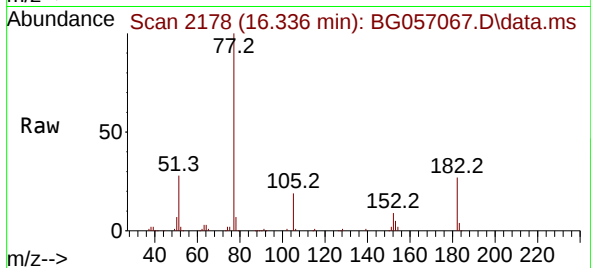
Ion Ratio Lower Upper

77 100

182 27.2 5.9 45.9

105 18.7 0.0 36.8

51 27.6 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.757 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

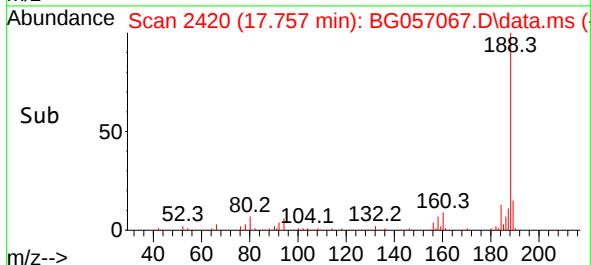
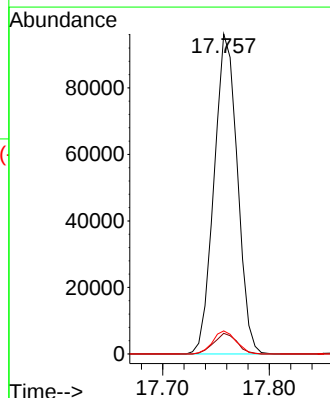
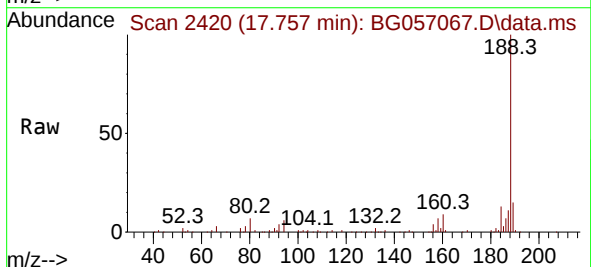
Tgt Ion:188 Resp: 145810

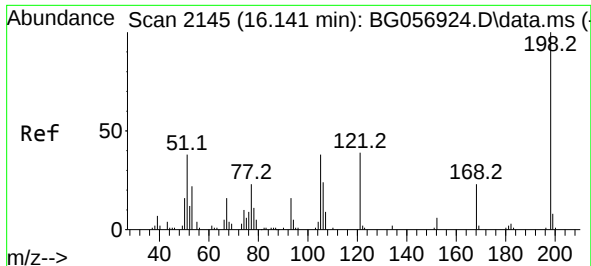
Ion Ratio Lower Upper

188 100

94 6.4 4.6 6.8

80 7.2 5.5 8.3

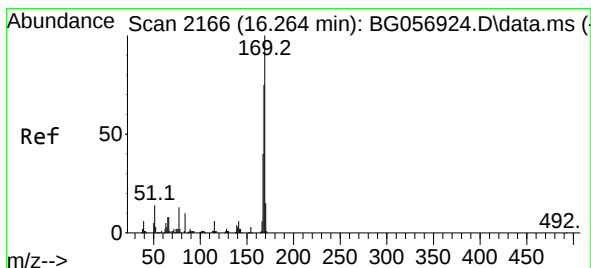
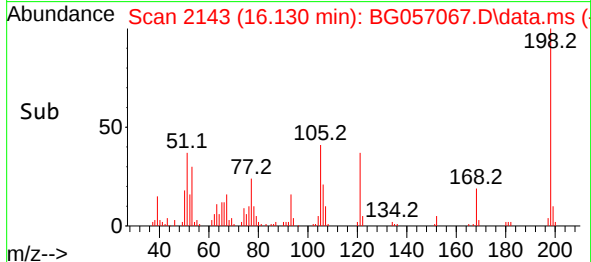
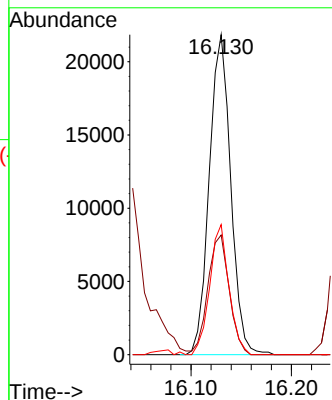
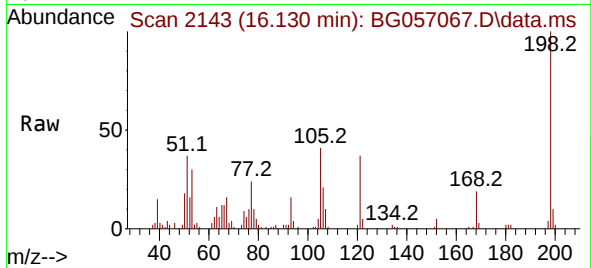




#65
4,6-Dinitro-2-methylphenol
Concen: 36.812 ng
RT: 16.130 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

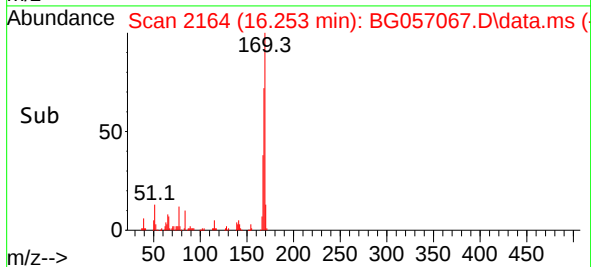
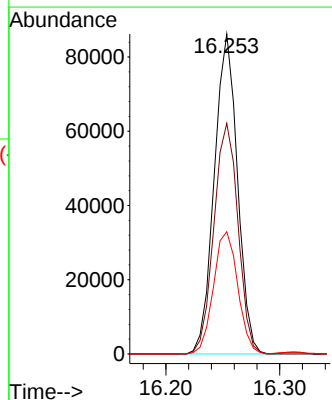
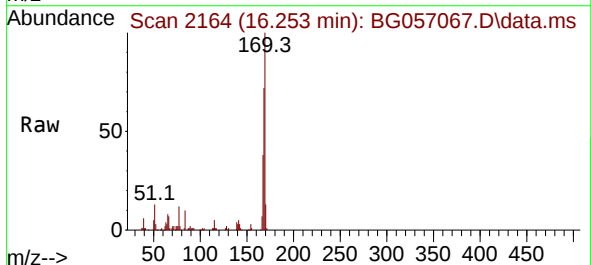
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

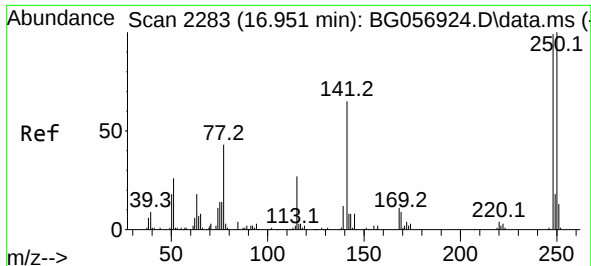
Tgt Ion:198 Resp: 32508
Ion Ratio Lower Upper
198 100
51 37.4 20.5 60.5
105 40.6 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 31.147 ng
RT: 16.253 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:169 Resp: 121916
Ion Ratio Lower Upper
169 100
168 72.0 59.6 89.4
167 38.2 31.8 47.8





#67

4-Bromophenyl-phenylether

Concen: 30.713 ng

RT: 16.935 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

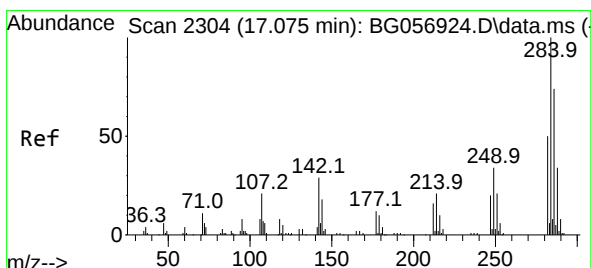
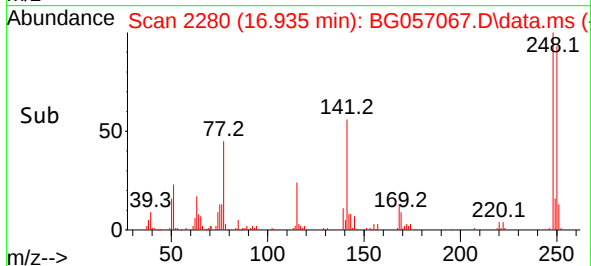
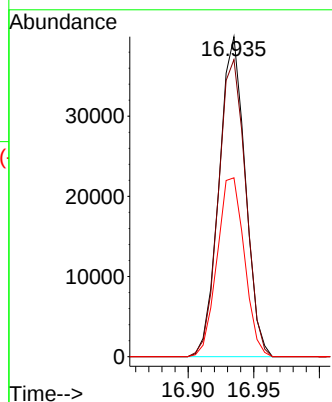
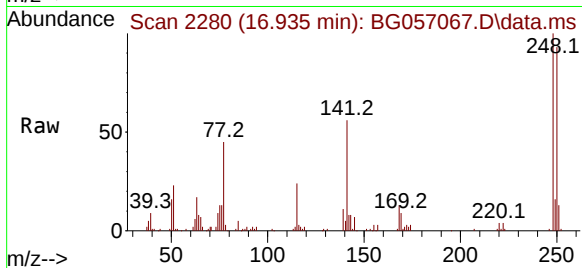
Tgt Ion:248 Resp: 55410

Ion Ratio Lower Upper

248 100

250 92.9 80.5 120.7

141 55.9 52.0 78.0



#68

Hexachlorobenzene

Concen: 33.101 ng

RT: 17.064 min Scan# 2302

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

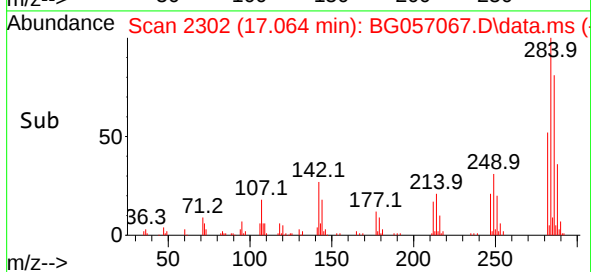
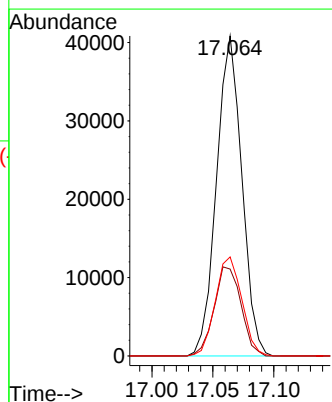
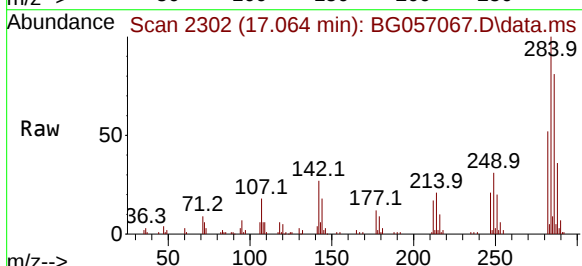
Tgt Ion:284 Resp: 59041

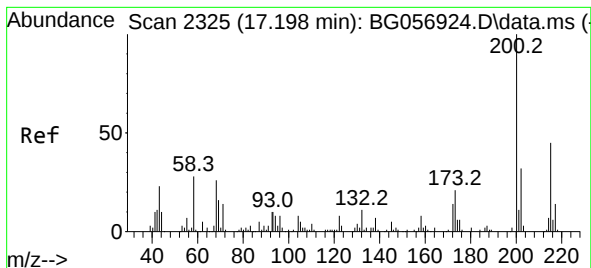
Ion Ratio Lower Upper

284 100

142 27.2 23.0 34.4

249 30.9 27.1 40.7





#69

Atrazine

Concen: 34.204 ng

RT: 17.187 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

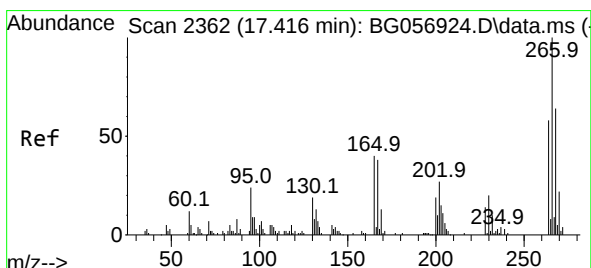
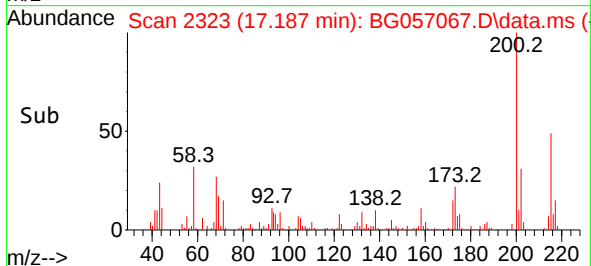
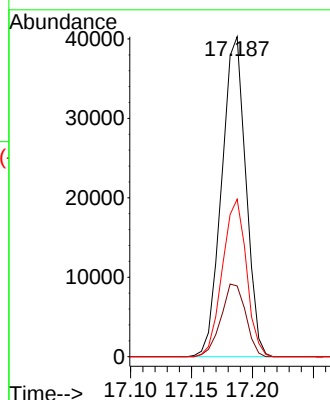
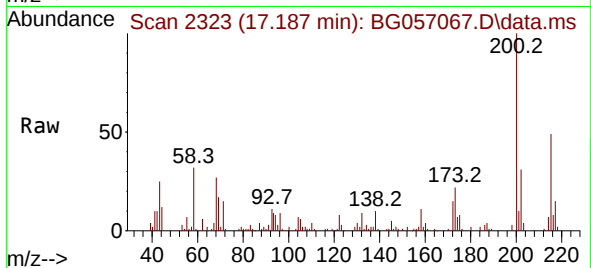
Tgt Ion:200 Resp: 55574

Ion Ratio Lower Upper

200 100

173 22.1 1.0 41.0

215 49.2 25.0 65.0



#70

Pentachlorophenol

Concen: 55.583 ng

RT: 17.405 min Scan# 2360

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

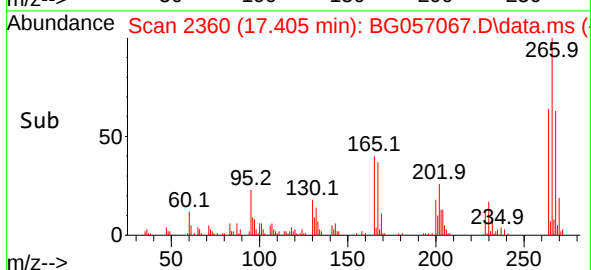
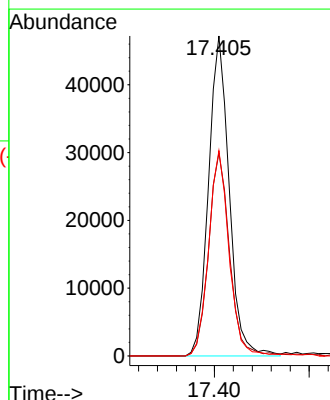
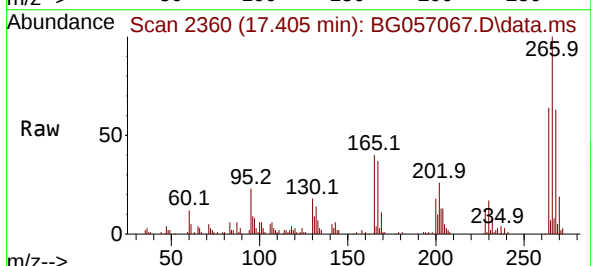
Tgt Ion:266 Resp: 71125

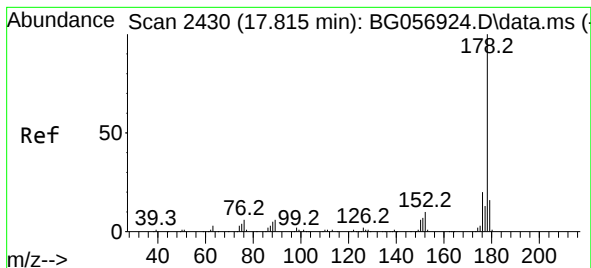
Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.6

264 64.2 46.8 70.2





#71

Phenanthrene

Concen: 31.424 ng

RT: 17.804 min Scan# 24

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

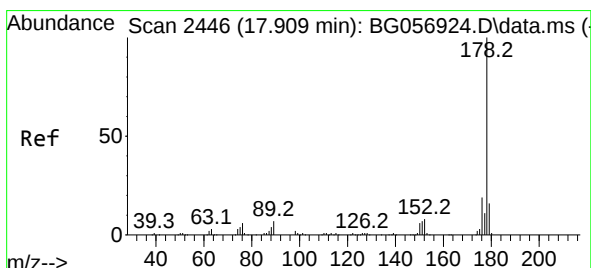
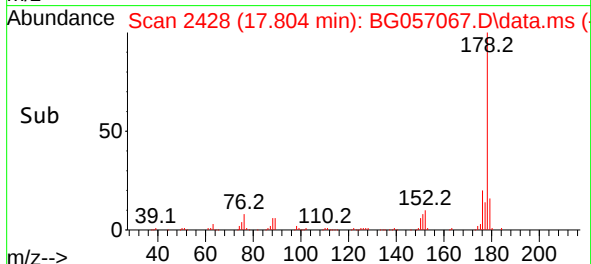
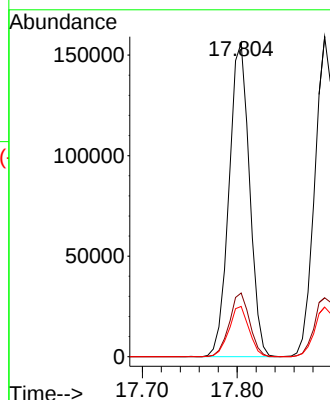
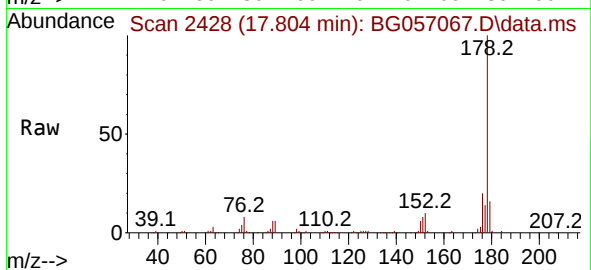
Tgt Ion:178 Resp: 233607

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.2

179 16.0 12.5 18.7



#72

Anthracene

Concen: 31.251 ng

RT: 17.892 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

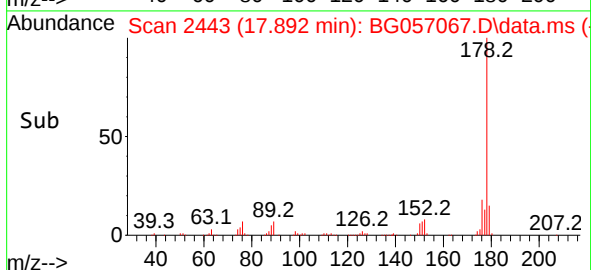
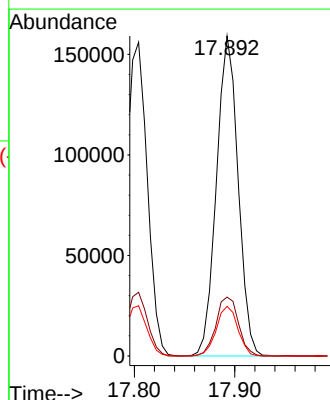
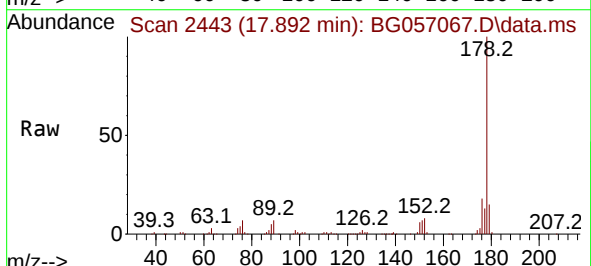
Tgt Ion:178 Resp: 238161

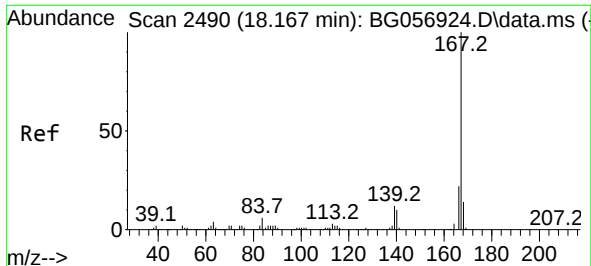
Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

179 15.5 12.4 18.6

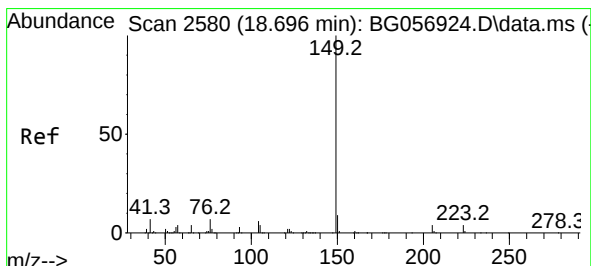
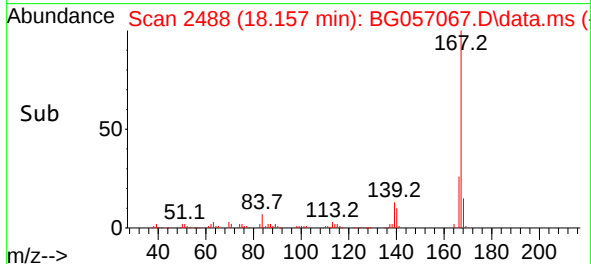
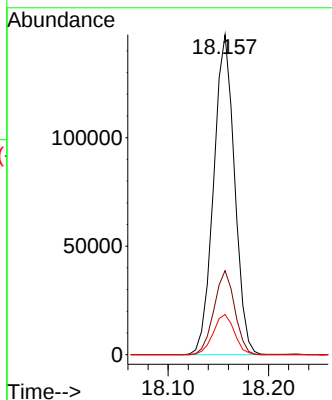
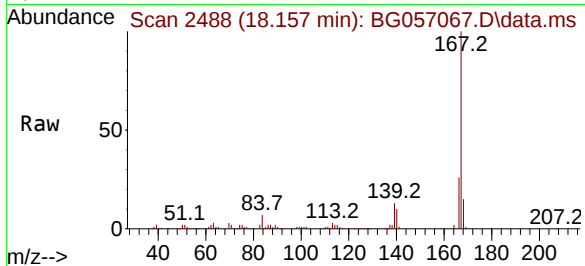




#73
 Carbazole
 Concen: 32.029 ng
 RT: 18.157 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BG057067.D
 Acq: 12 Apr 2023 17:09

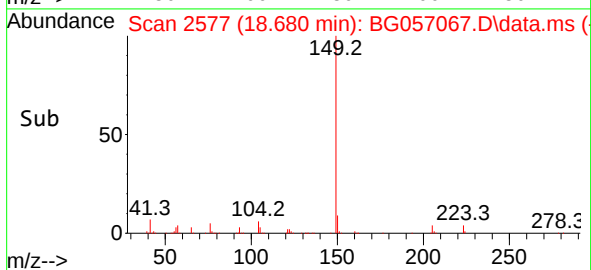
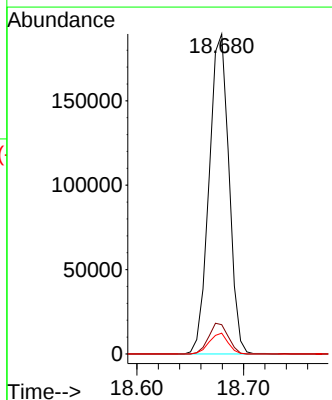
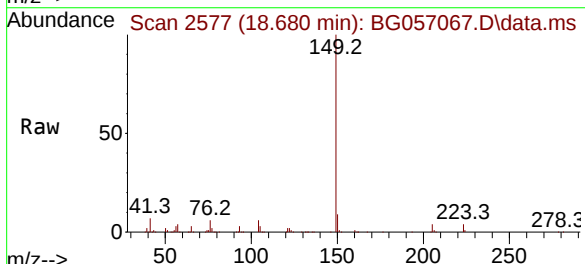
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MSD

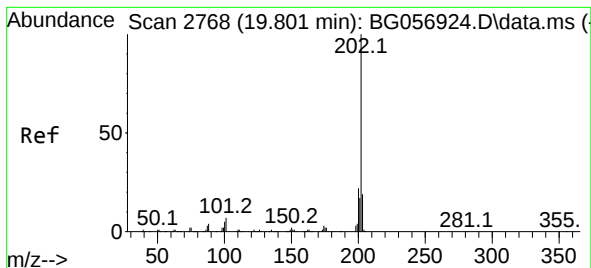
Tgt Ion:167 Resp: 212817
 Ion Ratio Lower Upper
 167 100
 166 26.3 17.9 26.9
 139 12.6 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 31.766 ng
 RT: 18.680 min Scan# 2577
 Delta R.T. -0.000 min
 Lab File: BG057067.D
 Acq: 12 Apr 2023 17:09

Tgt Ion:149 Resp: 244413
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 6.5 4.9 7.3





#75

Fluoranthene

Concen: 29.679 ng

RT: 19.790 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

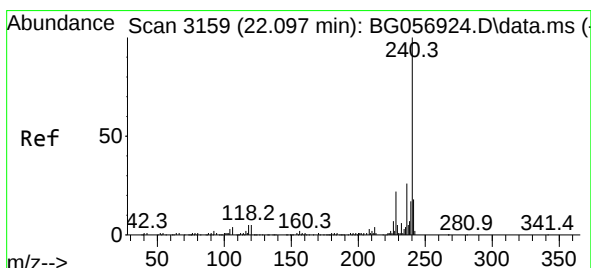
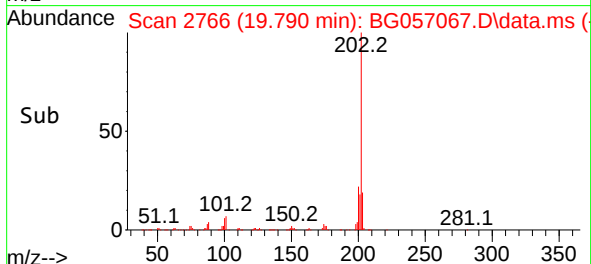
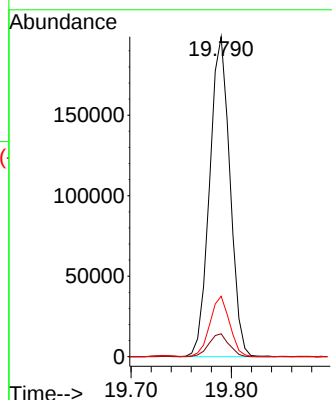
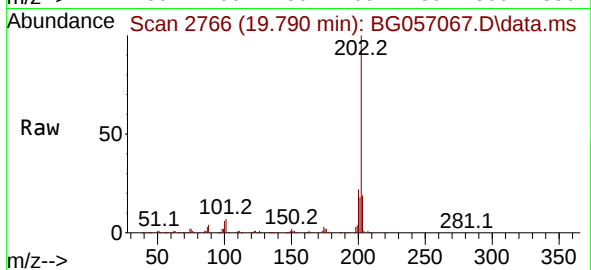
Tgt Ion:202 Resp: 279693

Ion Ratio Lower Upper

202 100

101 7.2 0.0 26.7

203 18.9 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.081 min Scan# 3156

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

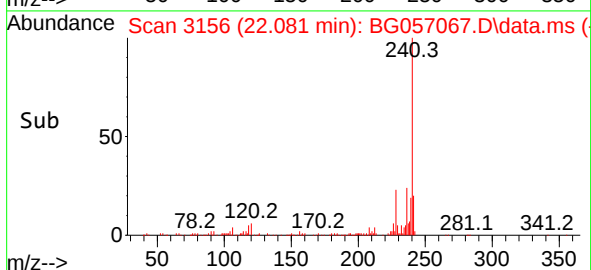
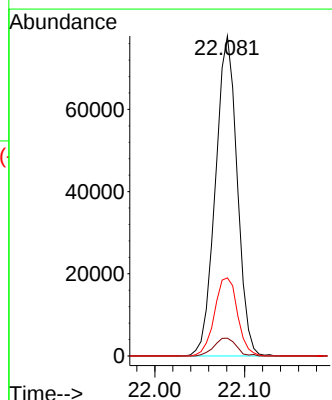
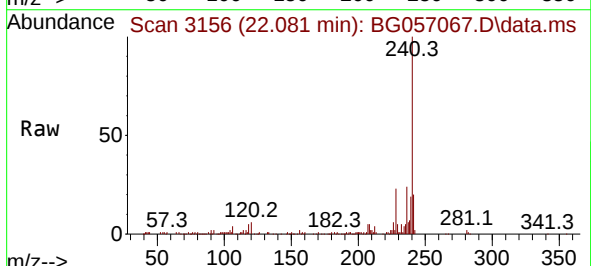
Tgt Ion:240 Resp: 130898

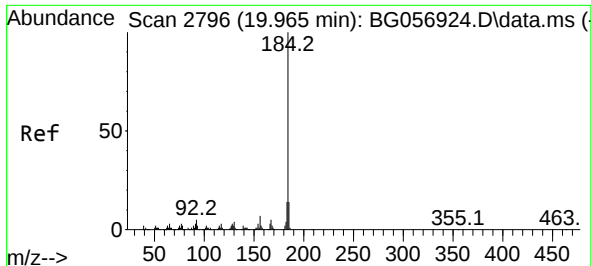
Ion Ratio Lower Upper

240 100

120 5.6 3.8 5.6

236 24.4 21.0 31.6

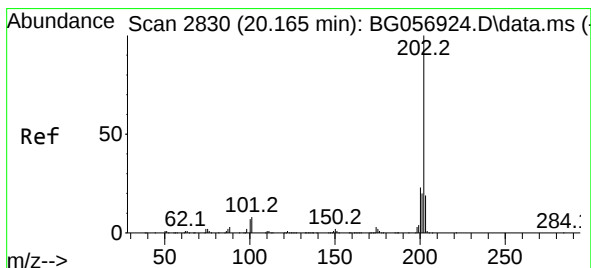
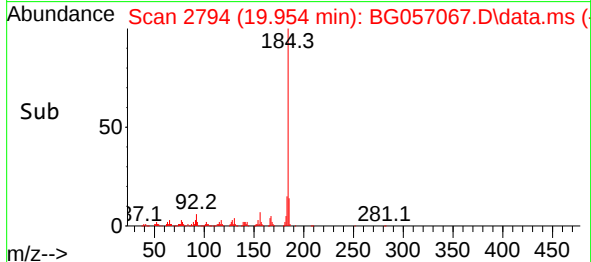
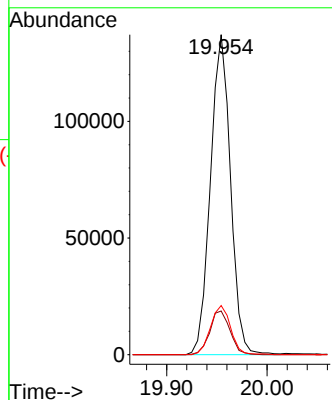
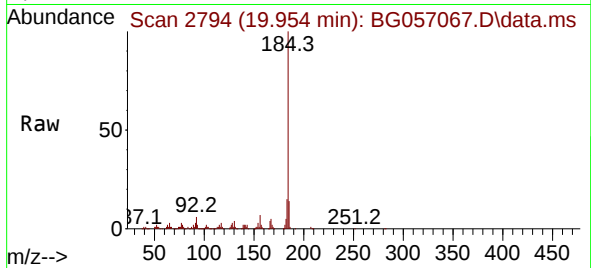




#77
Benzidine
Concen: 53.248 ng
RT: 19.954 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

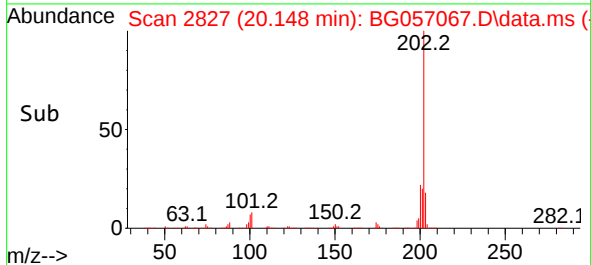
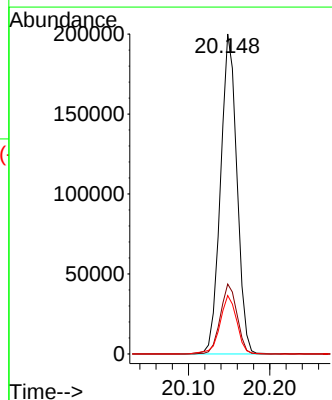
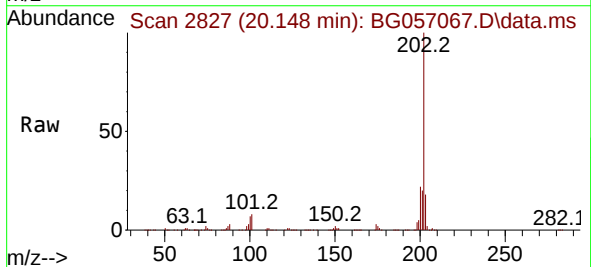
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion:184 Resp: 190516
Ion Ratio Lower Upper
184 100
185 13.6 11.0 16.4
183 15.3 11.4 17.0



#78
Pyrene
Concen: 31.019 ng
RT: 20.148 min Scan# 2827
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:202 Resp: 280834
Ion Ratio Lower Upper
202 100
200 21.8 18.7 28.1
203 18.3 15.4 23.2

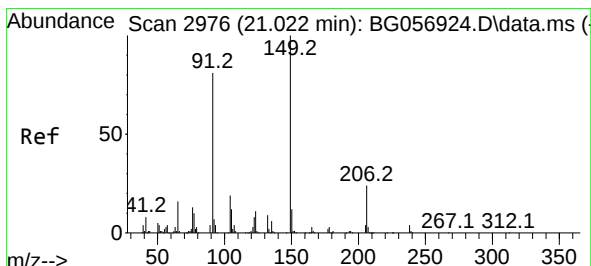
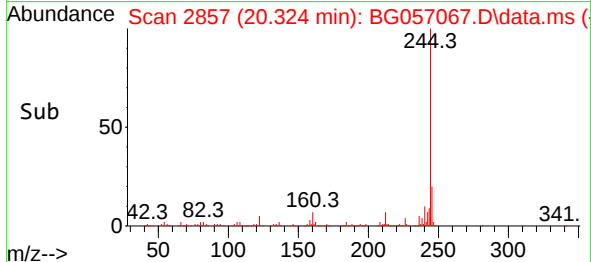
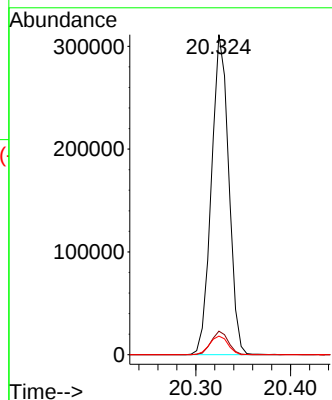
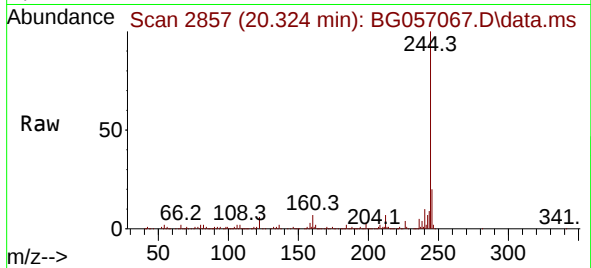




#79
 Terphenyl-d14
 Concen: 50.953 ng
 RT: 20.324 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057067.D
 Acq: 12 Apr 2023 17:09

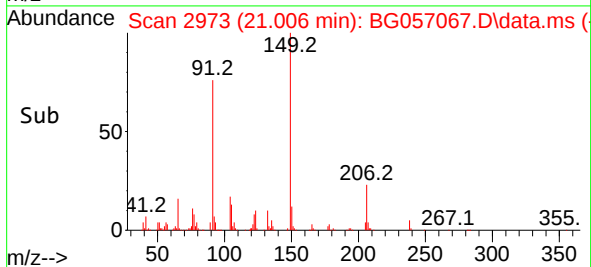
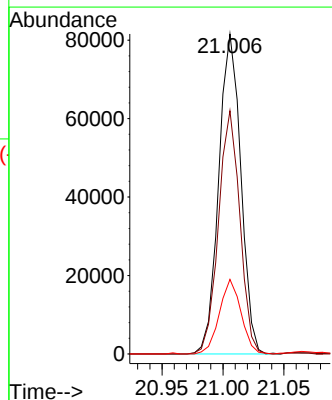
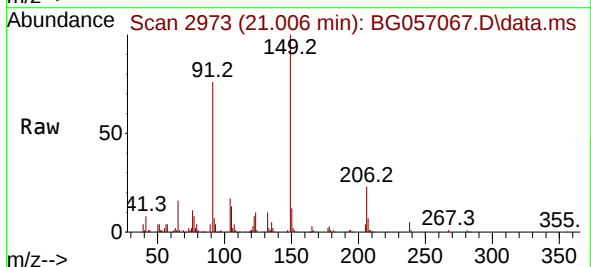
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MSD

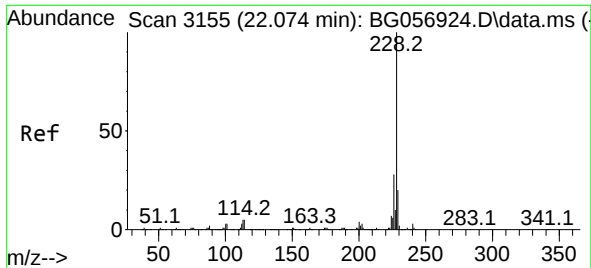
Tgt Ion:244 Resp: 394148
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 5.8 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 33.029 ng
 RT: 21.006 min Scan# 2973
 Delta R.T. -0.000 min
 Lab File: BG057067.D
 Acq: 12 Apr 2023 17:09

Tgt Ion:149 Resp: 102901
 Ion Ratio Lower Upper
 149 100
 91 76.0 64.4 96.6
 206 23.3 18.9 28.3

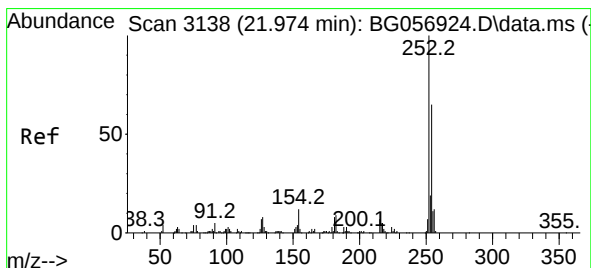
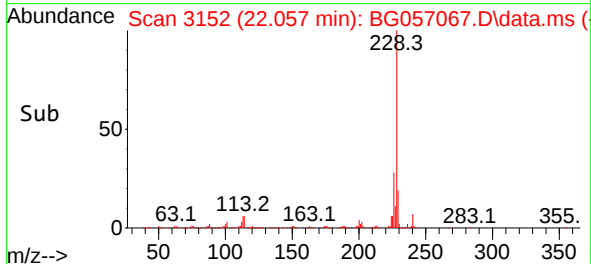
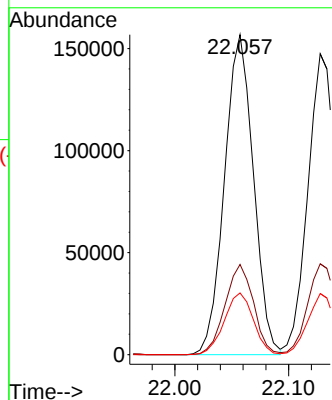
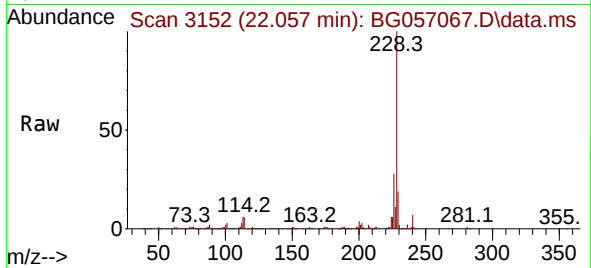




#81
Benzo(a)anthracene
Concen: 30.605 ng
RT: 22.057 min Scan# 3152
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

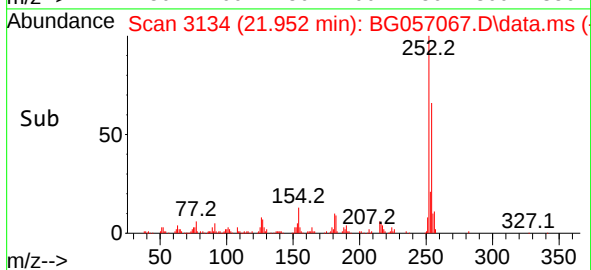
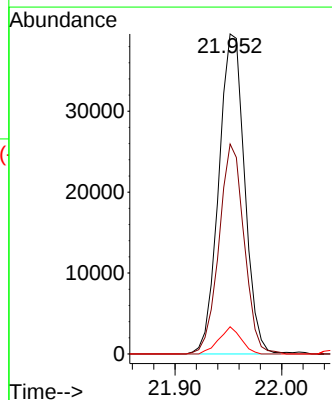
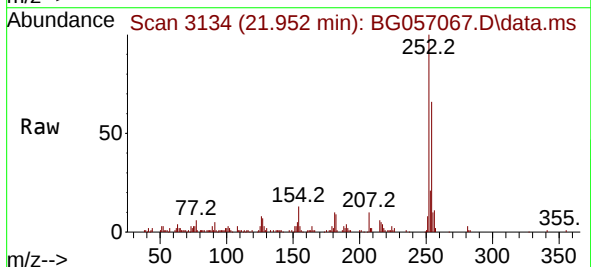
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

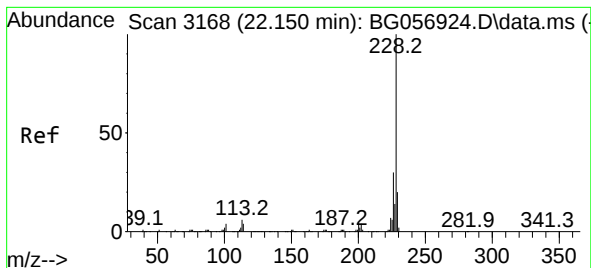
Tgt Ion:228 Resp: 277227
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 19.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 21.710 ng
RT: 21.952 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:252 Resp: 66405
Ion Ratio Lower Upper
252 100
254 65.6 51.7 77.5
126 8.5 5.6 8.4#





#83

Chrysene

Concen: 29.842 ng

RT: 22.128 min Scan# 3164

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

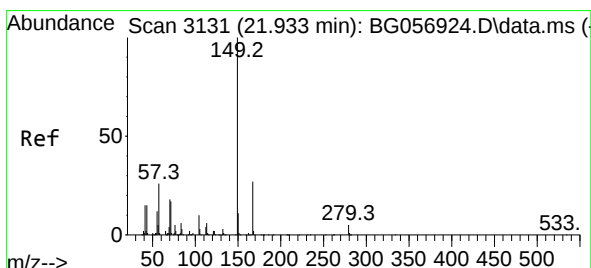
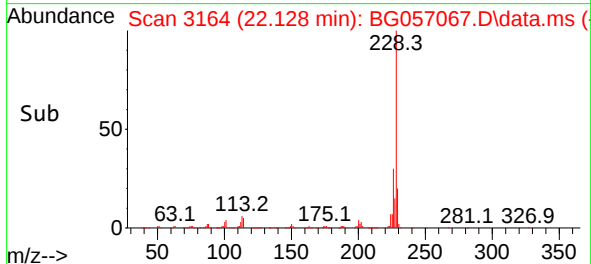
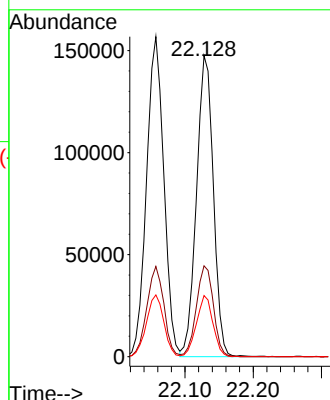
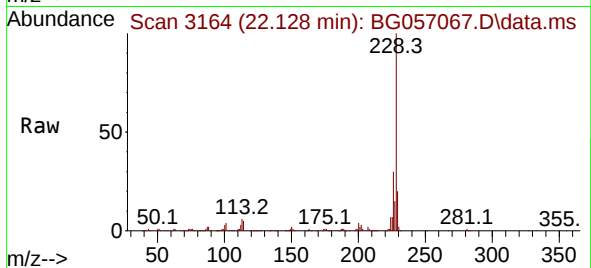
Tgt Ion:228 Resp: 253094

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 20.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.620 ng

RT: 21.910 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

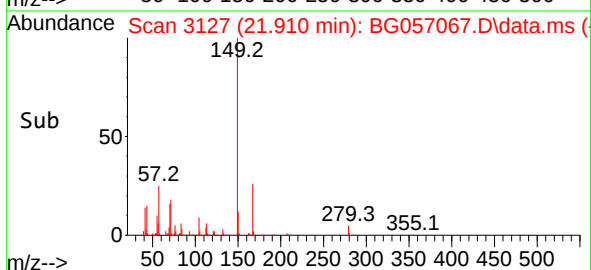
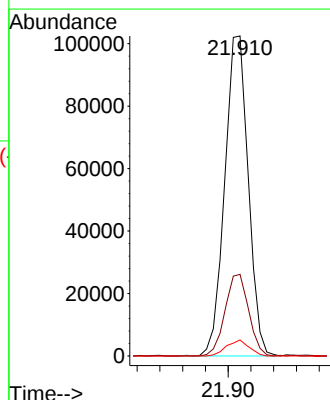
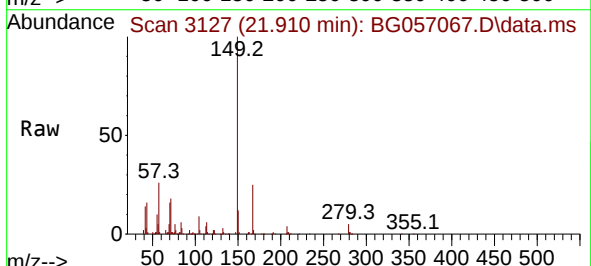
Tgt Ion:149 Resp: 147161

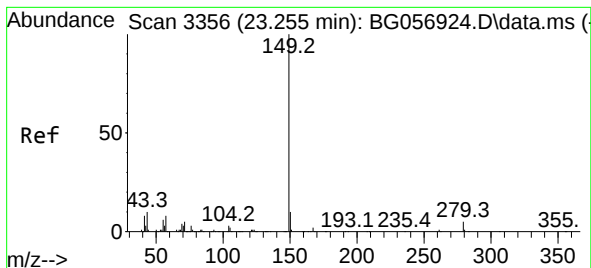
Ion Ratio Lower Upper

149 100

167 25.5 21.4 32.2

279 5.0 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 33.086 ng

RT: 23.220 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

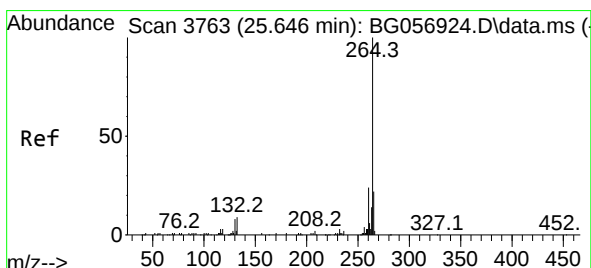
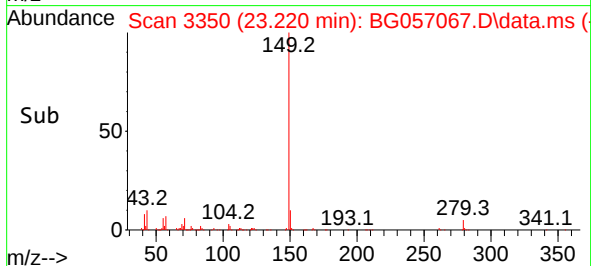
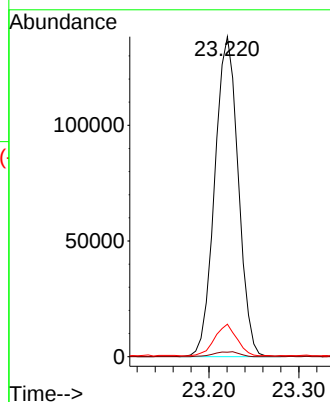
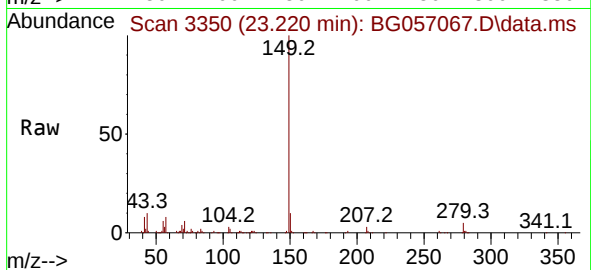
Tgt Ion:149 Resp: 251532

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.617 min Scan# 3758

Delta R.T. 0.006 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

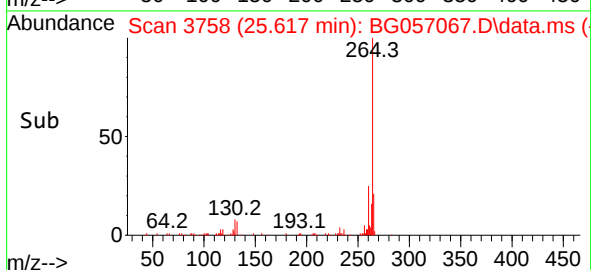
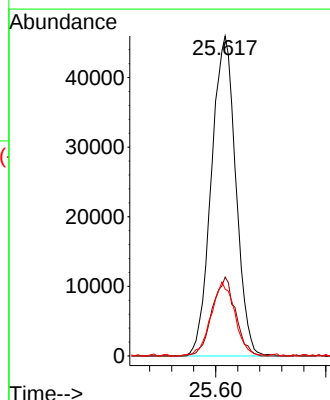
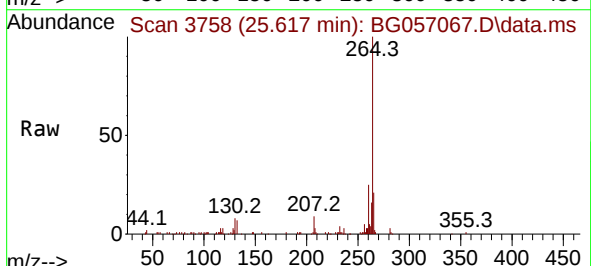
Tgt Ion:264 Resp: 141429

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

265 20.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.000 ng

RT: 29.700 min Scan# 44

Delta R.T. -0.012 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

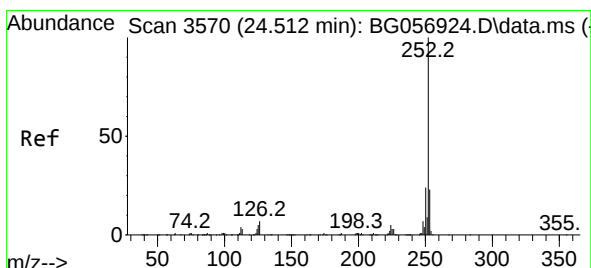
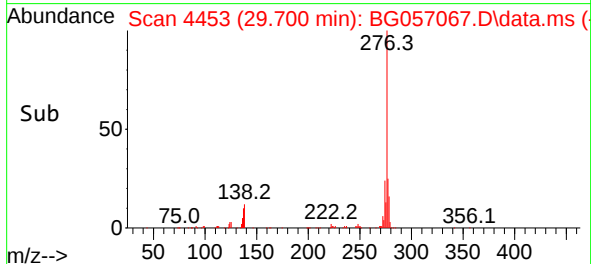
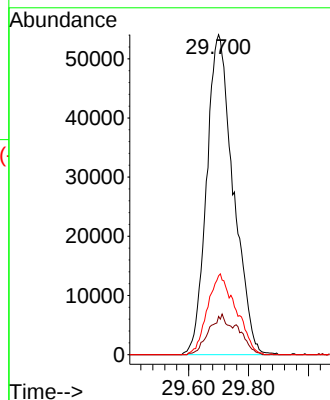
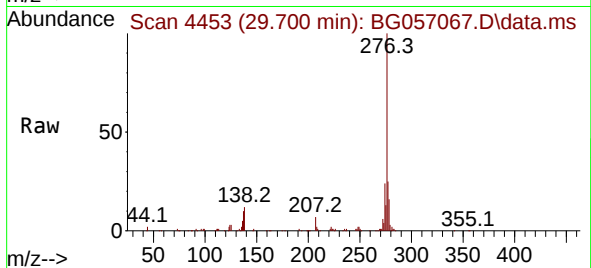
Tgt Ion:276 Resp: 334476

Ion Ratio Lower Upper

276 100

138 9.8 7.7 11.5

277 26.9 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 32.831 ng

RT: 24.478 min Scan# 3564

Delta R.T. -0.006 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

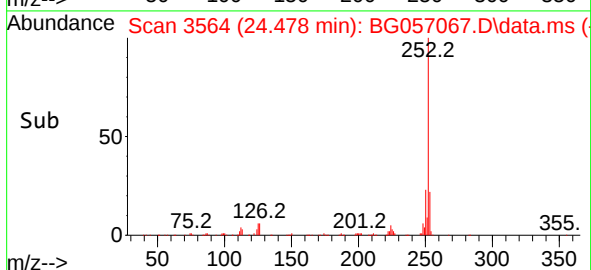
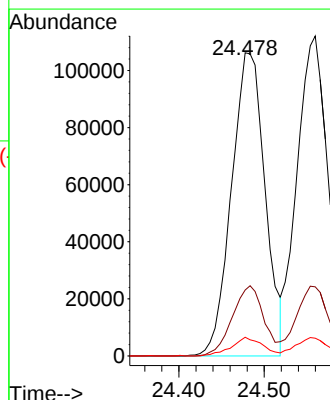
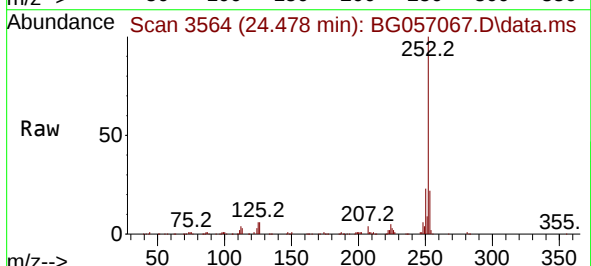
Tgt Ion:252 Resp: 290356

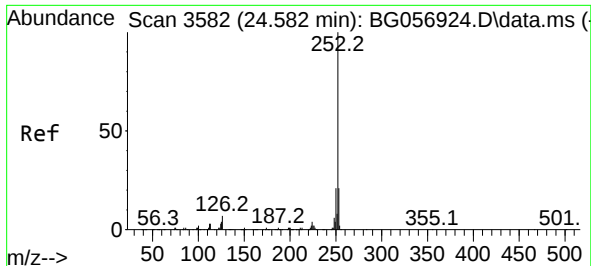
Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

125 6.2 4.2 6.4

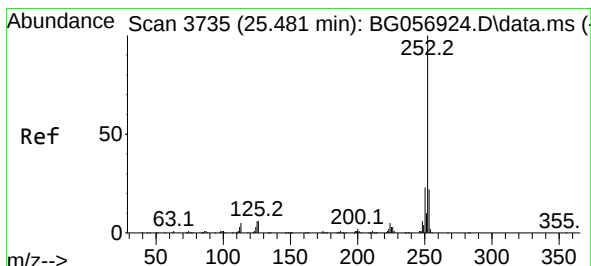
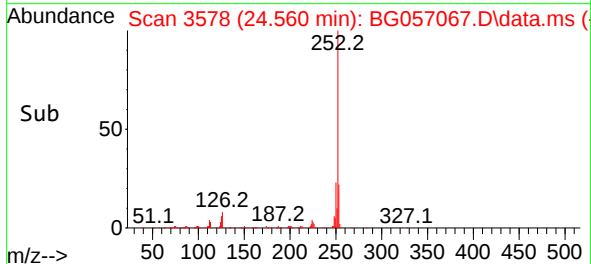
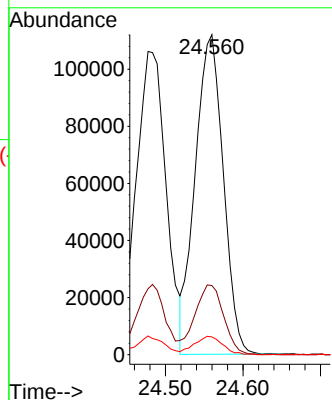
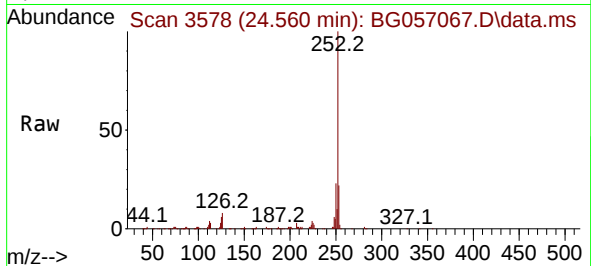




#89
Benzo(k)fluoranthene
Concen: 31.909 ng
RT: 24.560 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

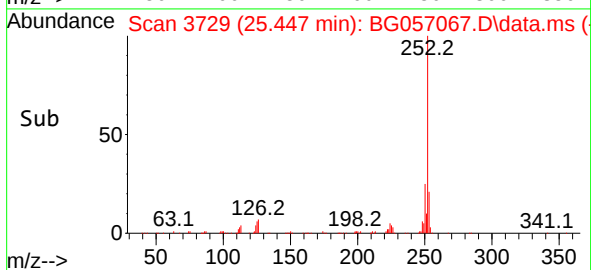
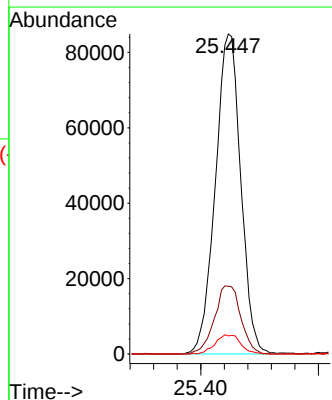
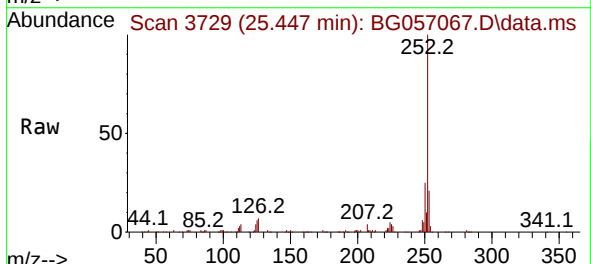
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

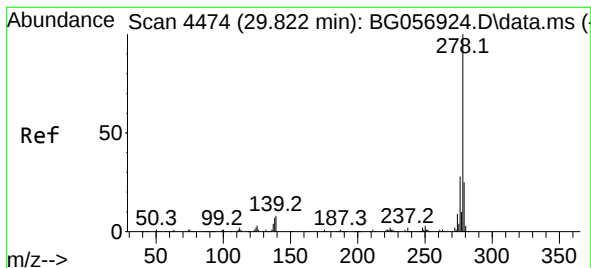
Tgt Ion:252 Resp: 281734
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 5.6 3.8 5.6



#90
Benzo(a)pyrene
Concen: 29.298 ng
RT: 25.447 min Scan# 3729
Delta R.T. -0.006 min
Lab File: BG057067.D
Acq: 12 Apr 2023 17:09

Tgt Ion:252 Resp: 254615
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 5.7 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 32.286 ng

RT: 29.770 min Scan# 4474

Delta R.T. 0.006 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

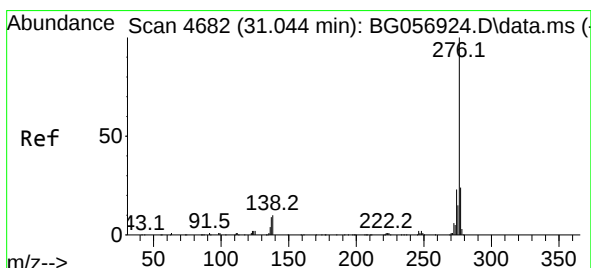
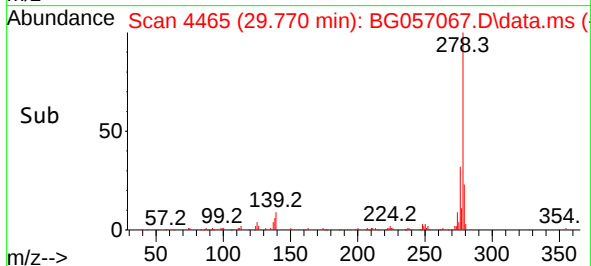
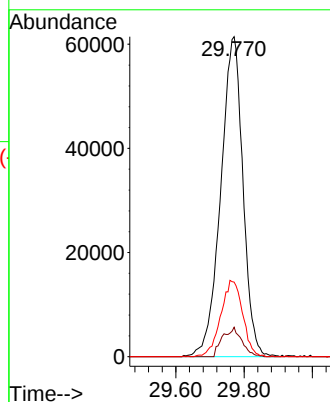
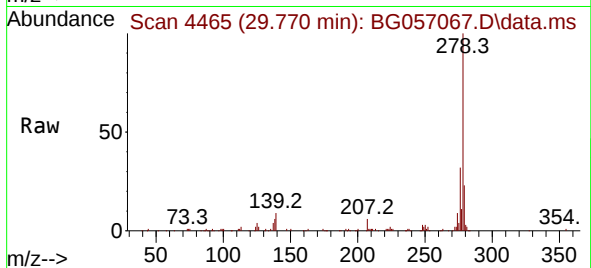
Tgt Ion:278 Resp: 277390

Ion Ratio Lower Upper

278 100

139 9.2 6.4 9.6

279 23.3 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 31.894 ng

RT: 30.986 min Scan# 4672

Delta R.T. -0.006 min

Lab File: BG057067.D

Acq: 12 Apr 2023 17:09

Tgt Ion:276 Resp: 268320

Ion Ratio Lower Upper

276 100

277 22.4 19.1 28.7

138 10.6 8.2 12.2

