

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057066.D
 Acq On : 12 Apr 2023 16:25
 Operator : CG/JU
 Sample : 02292-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 13 05:24:43 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	8.404	152	16600	20.000	ng	0.00
21) Naphthalene-d8	11.247	136	64592	20.000	ng	# 0.00
39) Acenaphthene-d10	15.019	164	44217	20.000	ng	0.00
64) Phenanthrene-d10	17.756	188	102059	20.000	ng	0.00
76) Chrysene-d12	22.080	240	86090	20.000	ng	0.00
86) Perylene-d12	25.610	264	96334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.919	112	137327	132.400	ng	0.00
7) Phenol-d6	7.546	99	189385	122.083	ng	0.01
23) Nitrobenzene-d5	9.585	82	119736	75.850	ng	0.00
42) 2,4,6-Tribromophenol	16.505	330	87095	123.297	ng	0.00
45) 2-Fluorobiphenyl	13.644	172	256858	78.771	ng	0.00
79) Terphenyl-d14	20.329	244	423065	83.156	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.728	88	21726	47.783	ng	99
3) Pyridine	4.145	79	57792	39.463	ng	98
4) n-Nitrosodimethylamine	4.057	42	31187	46.319	ng	98
6) Aniline	7.723	93	82030	41.363	ng	98
8) 2-Chlorophenol	7.964	128	57524	55.680	ng	91
9) Benzaldehyde	7.529	77	44132	45.357	ng	91
10) Phenol	7.570	94	81585	53.077	ng	95
11) bis(2-Chloroethyl)ether	7.805	93	54387	49.672	ng	99
12) 1,3-Dichlorobenzene	8.298	146	60851	53.306	ng	98
13) 1,4-Dichlorobenzene	8.445	146	62674	54.398	ng	97
14) 1,2-Dichlorobenzene	8.768	146	59770	53.697	ng	96
15) Benzyl Alcohol	8.639	79	60222	46.721	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.921	45	67842	51.412	ng	97
17) 2-Methylphenol	8.839	107	53933	49.180	ng	93
18) Hexachloroethane	9.508	117	22820	54.191	ng	91
19) n-Nitroso-di-n-propyla...	9.209	70	48603	43.803	ng	99
20) 3+4-Methylphenols	9.168	107	71976	46.937	ng	97
22) Acetophenone	9.238	105	90550	47.112	ng	# 95
24) Nitrobenzene	9.626	77	75377	46.704	ng	96
25) Isophorone	10.149	82	128203	42.649	ng	98
26) 2-Nitrophenol	10.343	139	31550	50.646	ng	94
27) 2,4-Dimethylphenol	10.390	122	55491	50.451	ng	99
28) bis(2-Chloroethoxy)met...	10.625	93	70418	46.791	ng	98
29) 2,4-Dichlorophenol	10.883	162	55016	46.510	ng	92
30) 1,2,4-Trichlorobenzene	11.106	180	62455	49.692	ng	96
31) Naphthalene	11.300	128	169390	48.113	ng	97
32) Benzoic acid	10.531	122	31498	41.690	ng	92
33) 4-Chloroaniline	11.394	127	46489	29.237	ng	96
34) Hexachlorobutadiene	11.576	225	44401	47.029	ng	97
35) Caprolactam	12.164	113	11049	27.085	ng	95
36) 4-Chloro-3-methylphenol	12.487	107	59200	44.752	ng	97
37) 2-Methylnaphthalene	12.875	142	118589	42.440	ng	96
38) 1-Methylnaphthalene	13.092	142	112093	42.722	ng	100
40) 1,2,4,5-Tetrachloroben...	13.233	216	76960	50.192	ng	97
41) Hexachlorocyclopentadiene	13.209	237	103472	122.478	ng	97
43) 2,4,6-Trichlorophenol	13.462	196	49867	50.964	ng	98

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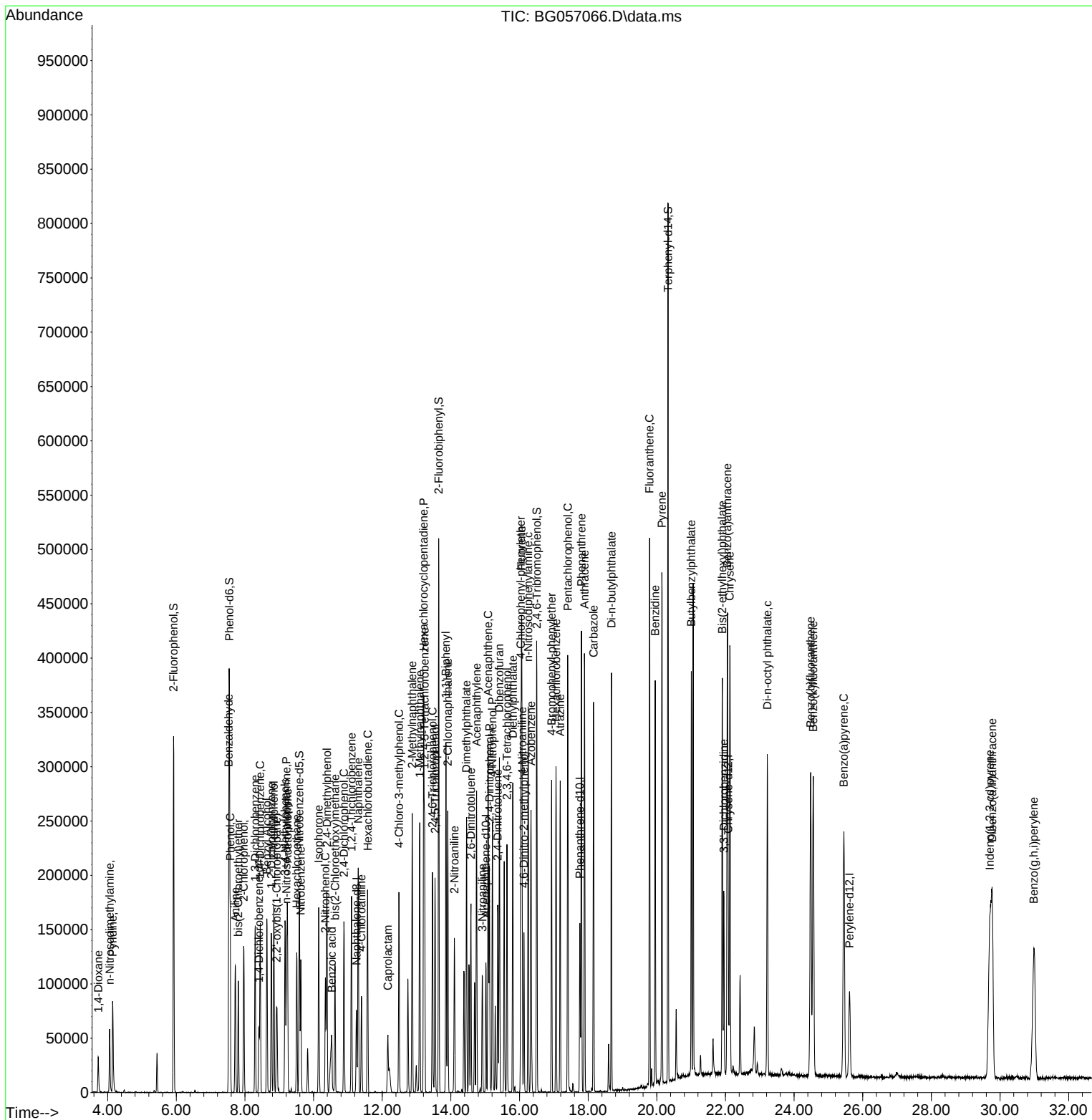
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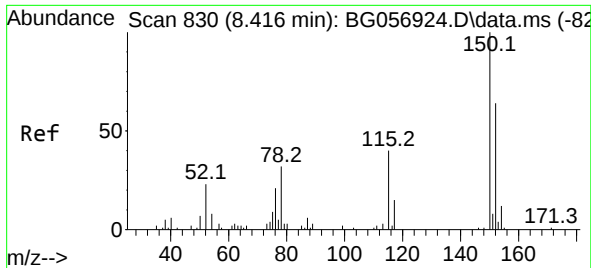
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.538	196	54300	46.845	ng	97
46) 1,1'-Biphenyl	13.856	154	164008	50.670	ng	100
47) 2-Chloronaphthalene	13.908	162	126970	53.038	ng	99
48) 2-Nitroaniline	14.102	65	41088	48.000	ng	95
49) Acenaphthylene	14.748	152	198050	50.352	ng	99
50) Dimethylphthalate	14.455	163	161465	46.345	ng	# 98
51) 2,6-Dinitrotoluene	14.584	165	36996	49.148	ng	92
52) Acenaphthene	15.083	154	121904	44.938	ng	95
53) 3-Nitroaniline	14.919	138	27186	36.487	ng	92
54) 2,4-Dinitrophenol	15.124	184	48228	113.827	ng	89
55) Dibenzofuran	15.412	168	196267	48.206	ng	97
56) 4-Nitrophenol	15.213	139	56635	102.792	ng	91
57) 2,4-Dinitrotoluene	15.365	165	51044	48.079	ng	95
58) Fluorene	16.058	166	160701	47.699	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.635	232	50263	47.624	ng	# 99
60) Diethylphthalate	15.806	149	164411	47.073	ng	98
61) 4-Chlorophenyl-phenyle...	16.041	204	91474	46.244	ng	98
62) 4-Nitroaniline	16.076	138	36626	47.445	ng	91
63) Azobenzene	16.335	77	171159	49.173	ng	96
65) 4,6-Dinitro-2-methylph...	16.129	198	35620	57.627	ng	97
66) n-Nitrosodiphenylamine	16.252	169	135970	49.629	ng	98
67) 4-Bromophenyl-phenylether	16.934	248	61073	48.363	ng	96
68) Hexachlorobenzene	17.063	284	66133	52.971	ng	98
69) Atrazine	17.186	200	60243	52.972	ng	95
70) Pentachlorophenol	17.404	266	78152	87.255	ng	92
71) Phenanthrene	17.803	178	257622	49.510	ng	97
72) Anthracene	17.891	178	263031	49.310	ng	98
73) Carbazole	18.156	167	229376	49.320	ng	96
74) Di-n-butylphthalate	18.678	149	269411	50.026	ng	99
75) Fluoranthene	19.789	202	303831	46.062	ng	98
77) Benzidine	19.953	184	202368	86.000	ng	98
78) Pyrene	20.147	202	300843	50.524	ng	99
80) Butylbenzylphthalate	21.005	149	111111	54.226	ng	96
81) Benzo(a)anthracene	22.056	228	296858	49.830	ng	99
82) 3,3'-Dichlorobenzidine	21.956	252	66693	33.153	ng	97
83) Chrysene	22.127	228	272922	48.928	ng	99
84) Bis(2-ethylhexyl)phtha...	21.909	149	159042	53.603	ng	96
85) Di-n-octyl phthalate	23.219	149	266847	53.369	ng	100
87) Indeno(1,2,3-cd)pyrene	29.705	276	361231	50.738	ng	100
88) Benzo(b)fluoranthene	24.482	252	308993	51.293	ng	98
89) Benzo(k)fluoranthene	24.559	252	306726	51.002	ng	97
90) Benzo(a)pyrene	25.452	252	271695	45.897	ng	99
91) Dibenzo(a,h)anthracene	29.769	278	297829	50.892	ng	99
92) Benzo(g,h,i)perylene	30.985	276	286008	49.911	ng	98

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

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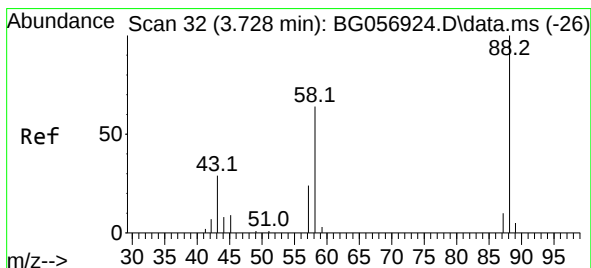
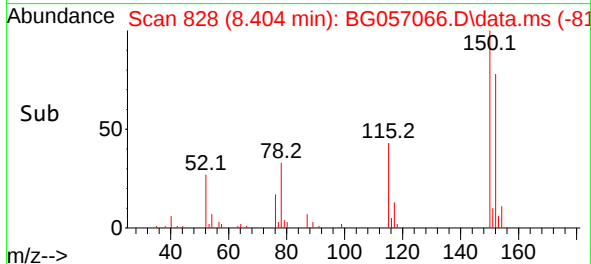
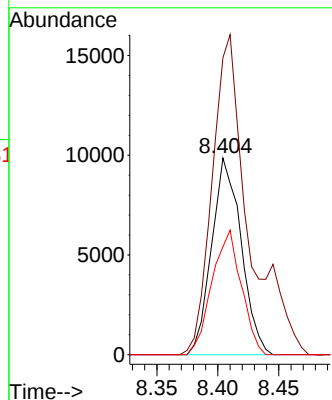
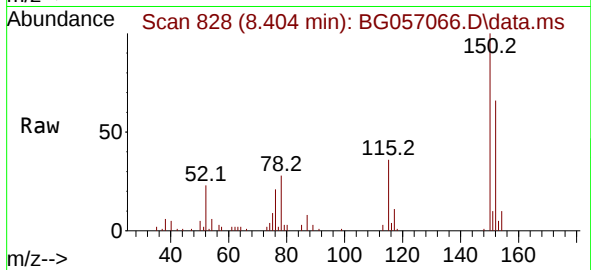




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.404 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

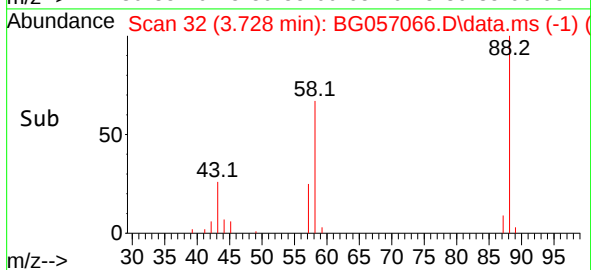
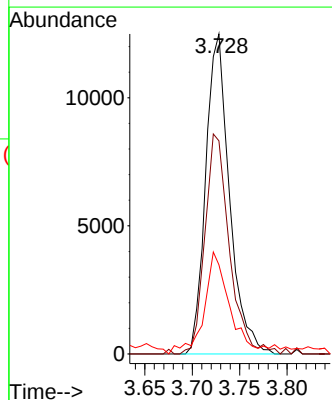
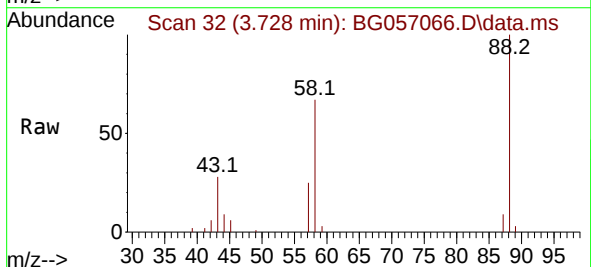
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion:152 Resp: 16600
Ion Ratio Lower Upper
152 100
150 151.1 124.1 186.1
115 54.8 49.1 73.7



#2
1,4-Dioxane
Concen: 47.783 ng
RT: 3.728 min Scan# 32
Delta R.T. 0.005 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion: 88 Resp: 21726
Ion Ratio Lower Upper
88 100
58 70.7 55.9 83.9
43 33.4 25.7 38.5

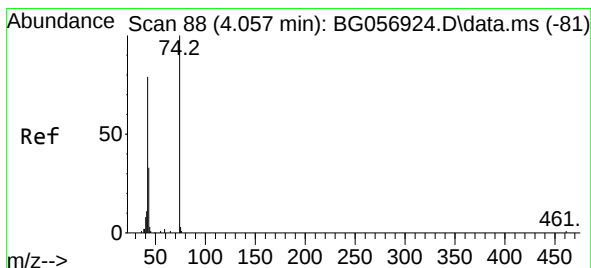
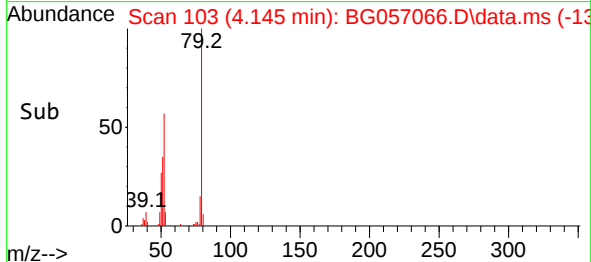
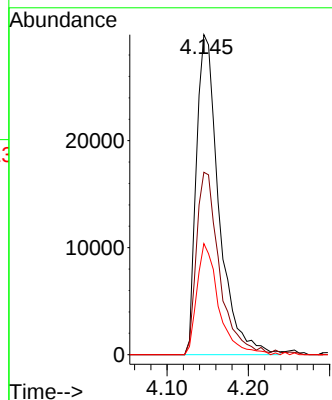
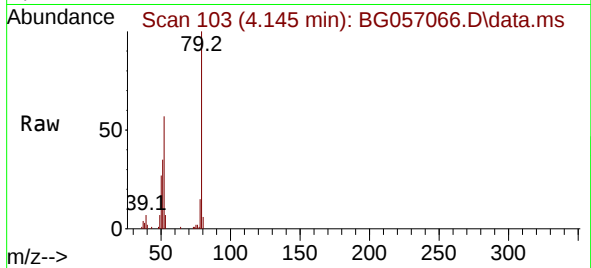




#3
 Pyridine
 Concen: 39.463 ng
 RT: 4.145 min Scan# 104
 Delta R.T. -0.001 min
 Lab File: BG057066.D
 Acq: 12 Apr 2023 16:25

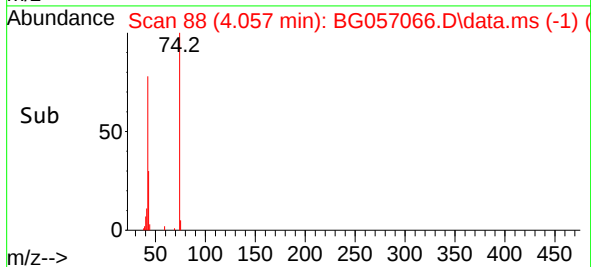
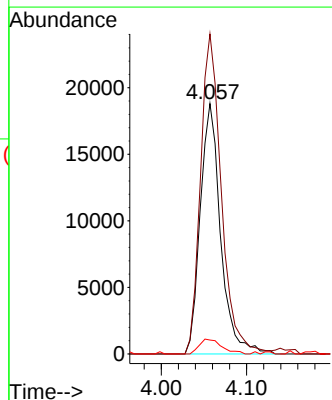
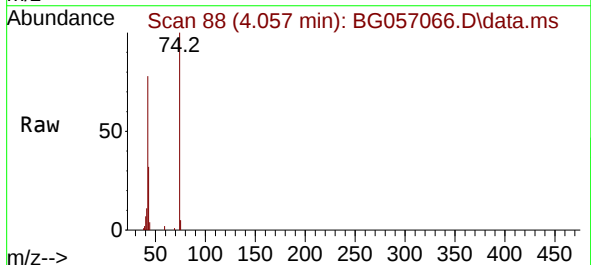
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 ClientSampleId :
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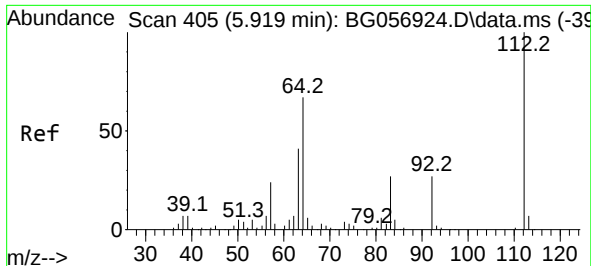
Tgt Ion: 79 Resp: 57792
 Ion Ratio Lower Upper
 79 100
 52 57.0 46.1 69.1
 51 34.7 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 46.319 ng
 RT: 4.057 min Scan# 88
 Delta R.T. 0.005 min
 Lab File: BG057066.D
 Acq: 12 Apr 2023 16:25

Tgt Ion: 42 Resp: 31187
 Ion Ratio Lower Upper
 42 100
 74 127.8 100.6 151.0
 44 5.6 4.6 7.0

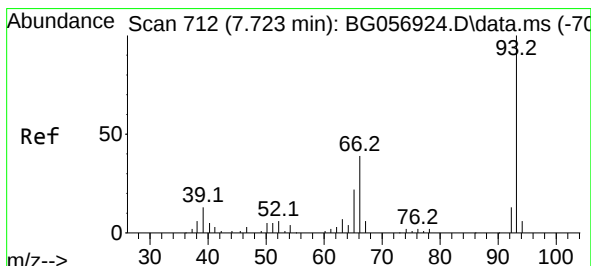
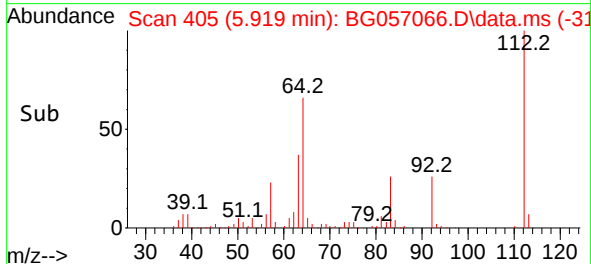
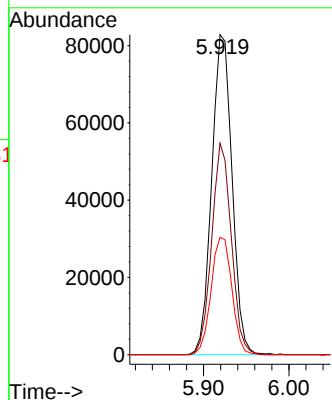
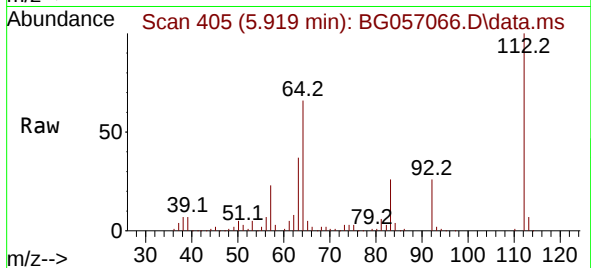




#5
2-Fluorophenol
Concen: 132.400 ng
RT: 5.919 min Scan# 405
Delta R.T. 0.005 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

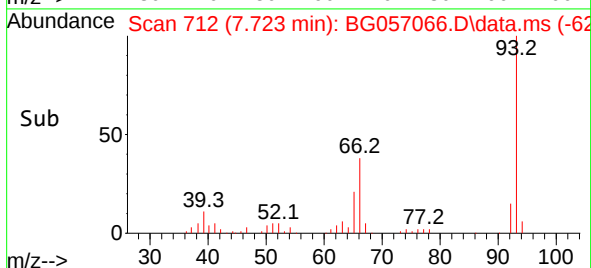
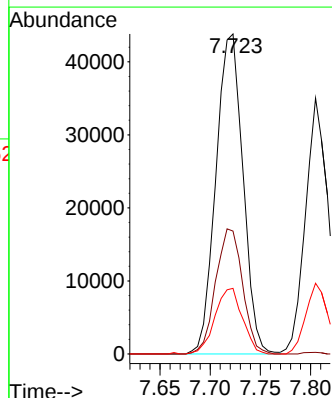
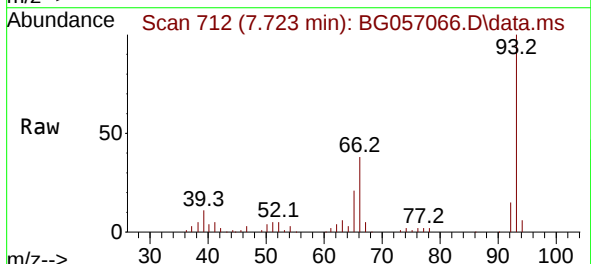
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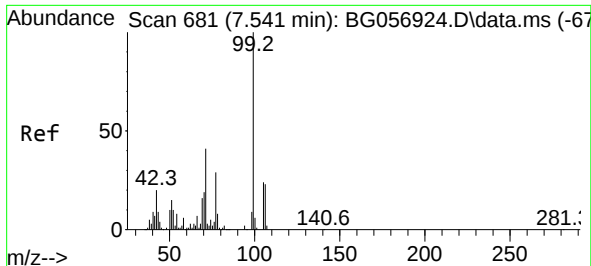
Tgt Ion:112 Resp: 137327
Ion Ratio Lower Upper
112 100
64 66.0 53.2 79.8
63 36.7 32.6 48.8



#6
Aniline
Concen: 41.363 ng
RT: 7.723 min Scan# 712
Delta R.T. 0.005 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion: 93 Resp: 82030
Ion Ratio Lower Upper
93 100
66 38.4 31.4 47.0
65 20.5 17.3 25.9

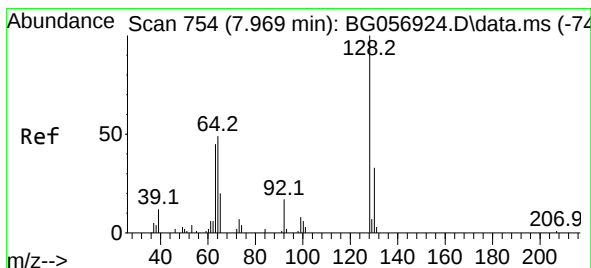
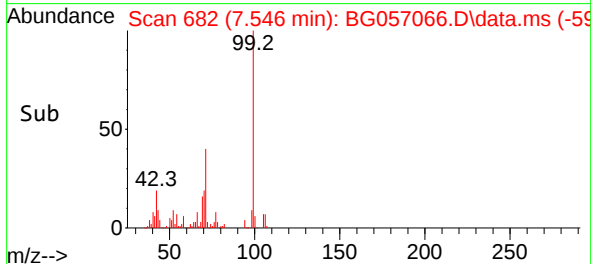
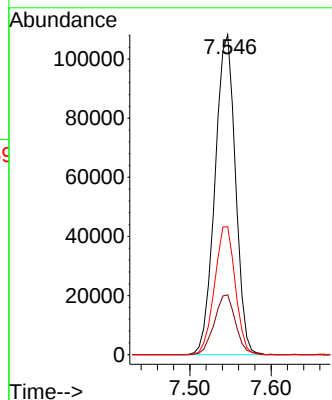
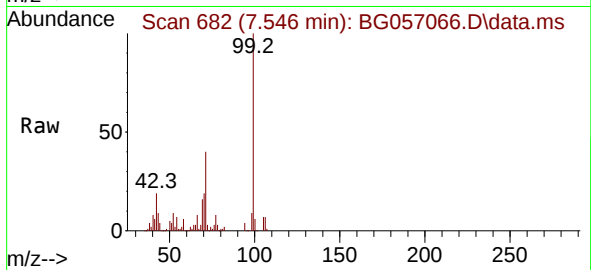




#7
Phenol-d6
Concen: 122.083 ng
RT: 7.546 min Scan# 61
Delta R.T. 0.011 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

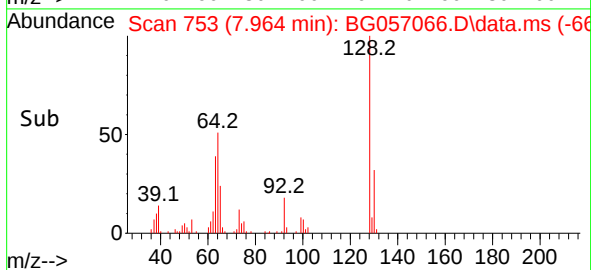
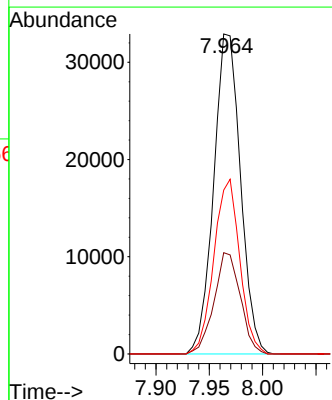
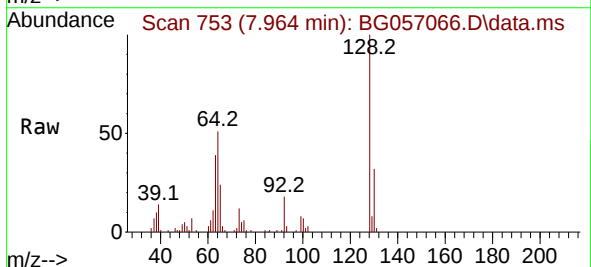
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Tgt Ion: 99 Resp: 189385
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 40.0 32.5 48.7



#8
2-Chlorophenol
Concen: 55.680 ng
RT: 7.964 min Scan# 753
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion: 128 Resp: 57524
Ion Ratio Lower Upper
128 100
130 31.7 12.6 52.6
64 51.2 40.6 80.6

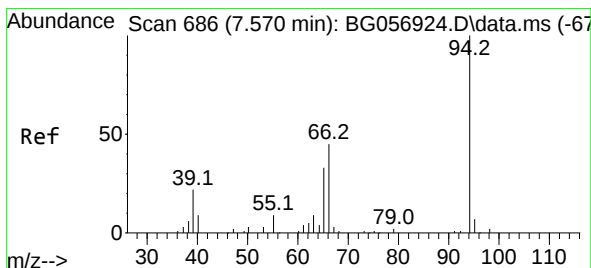
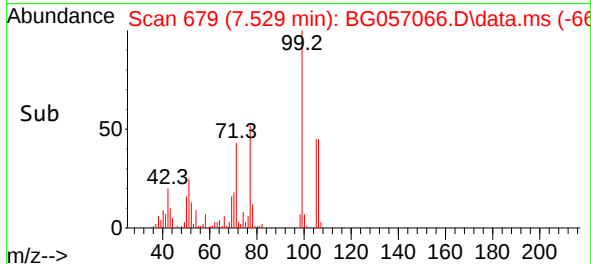
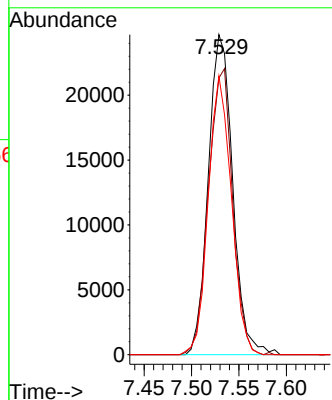
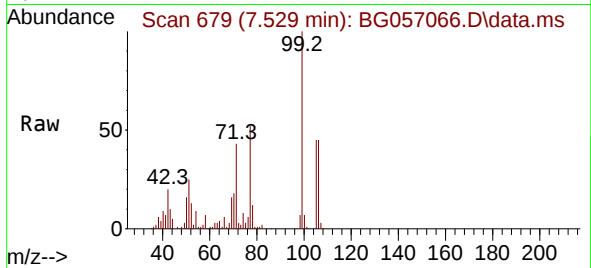




#9
Benzaldehyde
Concen: 45.357 ng
RT: 7.529 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

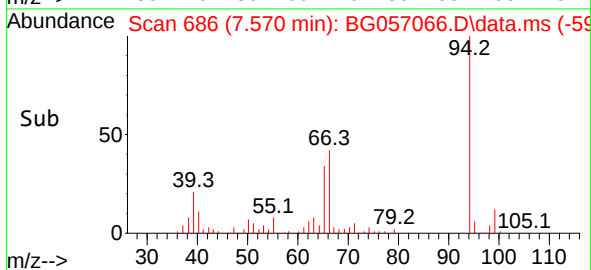
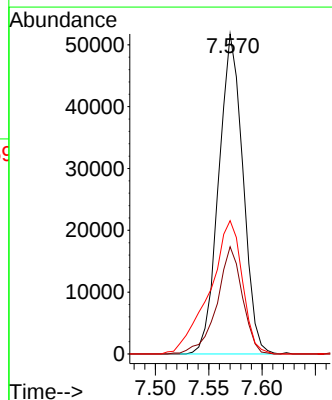
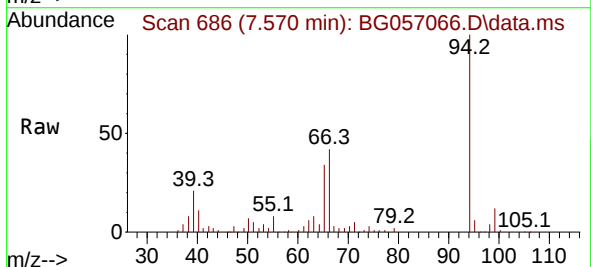
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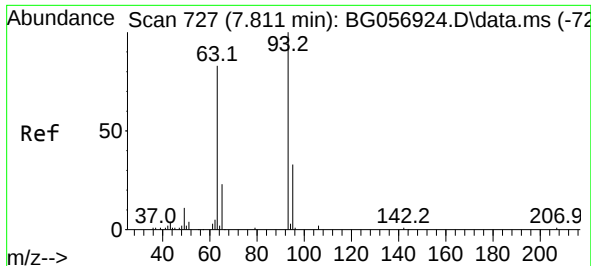
Tgt Ion: 77 Resp: 44132
Ion Ratio Lower Upper
77 100
105 86.4 73.6 113.6
106 87.1 56.7 96.7



#10
Phenol
Concen: 53.077 ng
RT: 7.570 min Scan# 686
Delta R.T. 0.005 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion: 94 Resp: 81585
Ion Ratio Lower Upper
94 100
65 33.5 13.3 53.3
66 41.7 26.7 66.7





#11

bis(2-Chloroethyl)ether

Concen: 49.672 ng

RT: 7.805 min Scan# 71

Delta R.T. -0.001 min

Lab File: BG057066.D

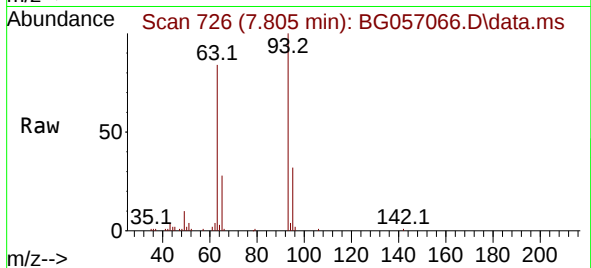
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Instrument :

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ClientSampleId :

IDW-SO-VB3-041123MS



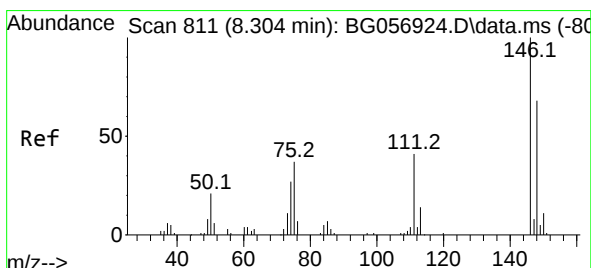
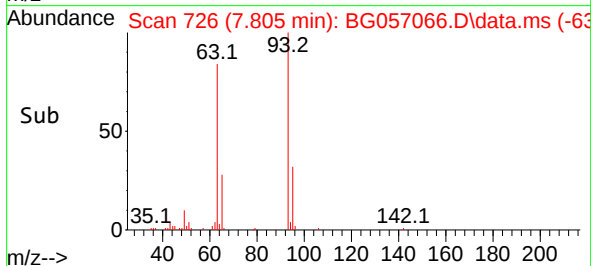
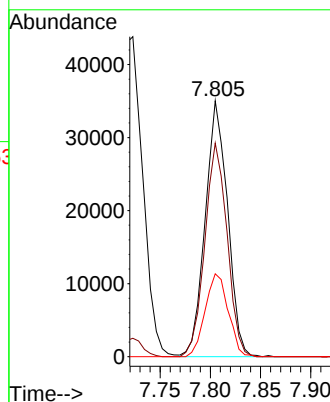
Tgt Ion: 93 Resp: 54387

Ion Ratio Lower Upper

93 100

63 83.5 62.7 102.7

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 53.306 ng

RT: 8.298 min Scan# 810

Delta R.T. 0.005 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

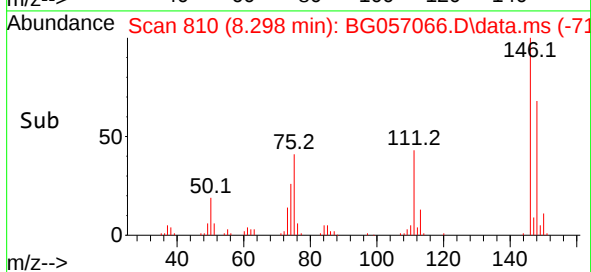
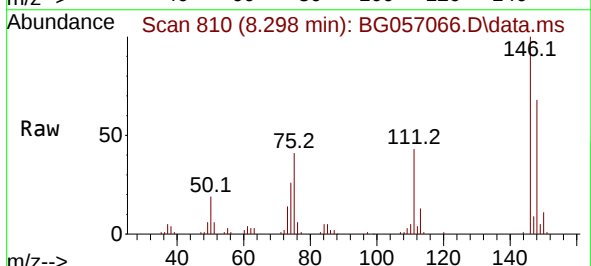
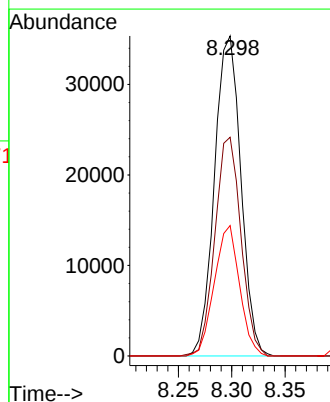
Tgt Ion: 146 Resp: 60851

Ion Ratio Lower Upper

146 100

148 68.3 54.2 81.4

75 40.7 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 54.398 ng

RT: 8.445 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

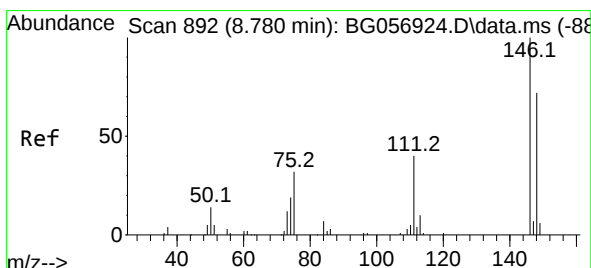
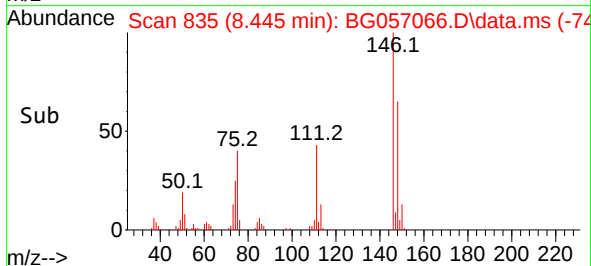
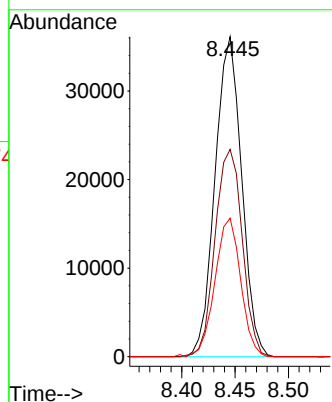
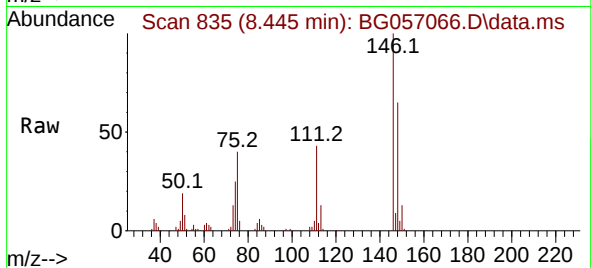
Tgt Ion:146 Resp: 62674

Ion Ratio Lower Upper

146 100

148 64.8 54.8 82.2

111 43.3 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 53.697 ng

RT: 8.768 min Scan# 890

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

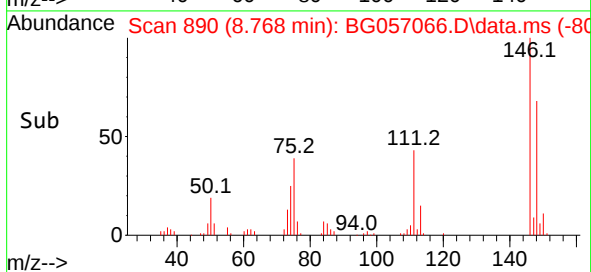
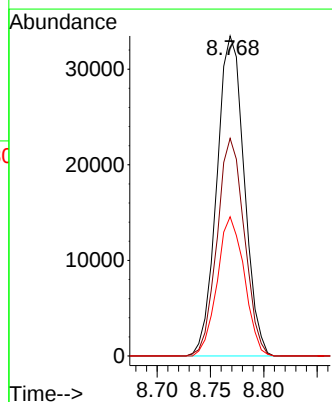
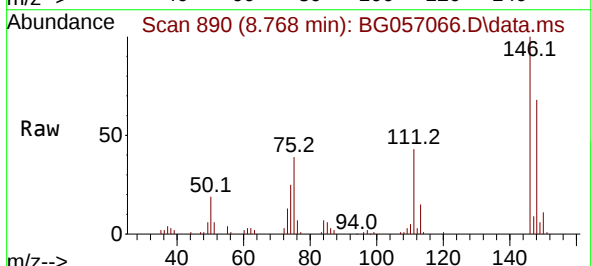
Tgt Ion:146 Resp: 59770

Ion Ratio Lower Upper

146 100

148 68.0 57.4 86.0

111 43.5 33.2 49.8

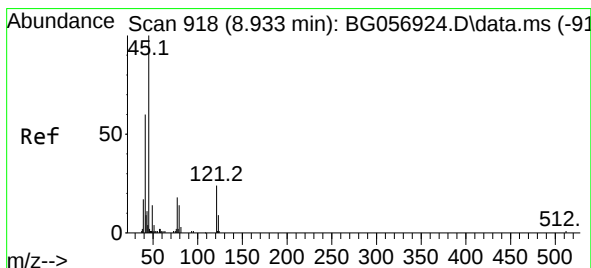
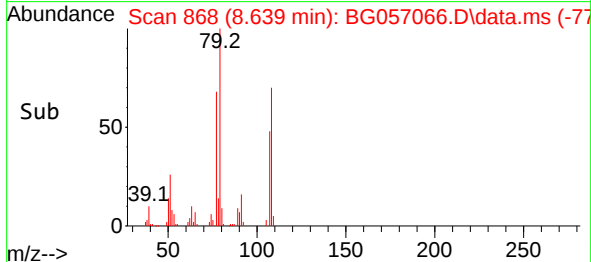
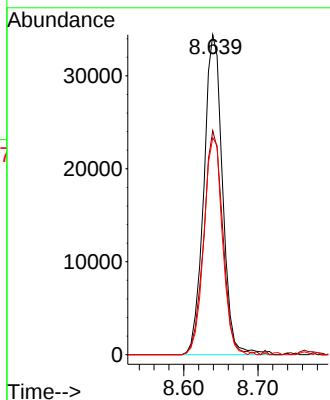
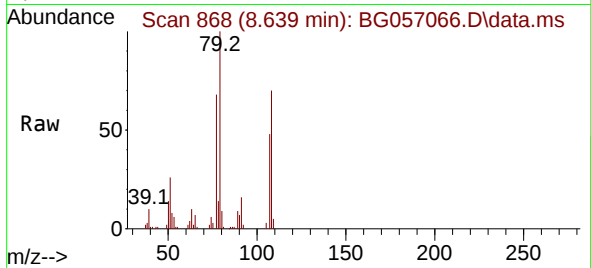




#15
Benzyl Alcohol
Concen: 46.721 ng
RT: 8.639 min Scan# 869
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

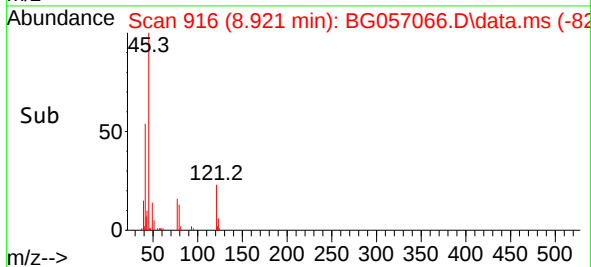
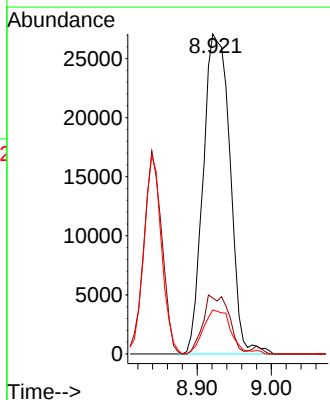
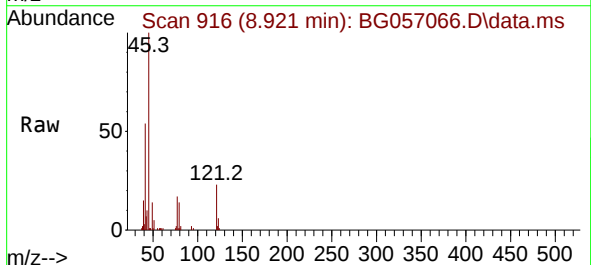
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion: 79 Resp: 60222
Ion Ratio Lower Upper
79 100
108 70.0 51.2 76.8
77 67.8 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.412 ng
RT: 8.921 min Scan# 916
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion: 45 Resp: 67842
Ion Ratio Lower Upper
45 100
77 17.5 0.0 38.7
79 13.8 0.0 35.1

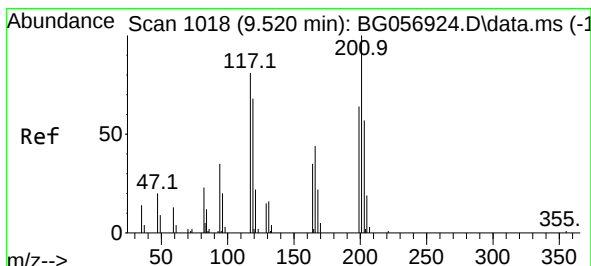
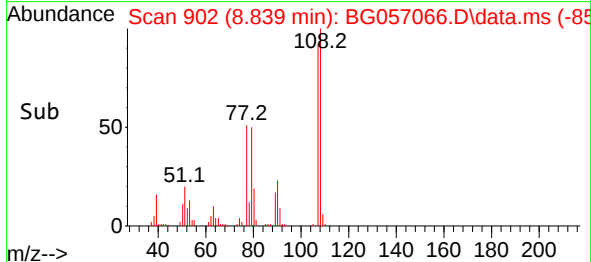
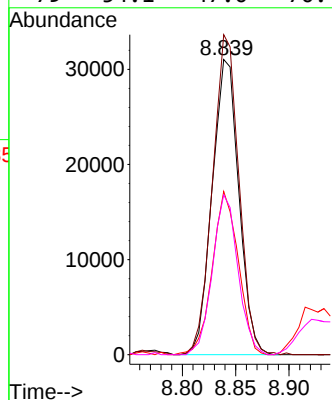
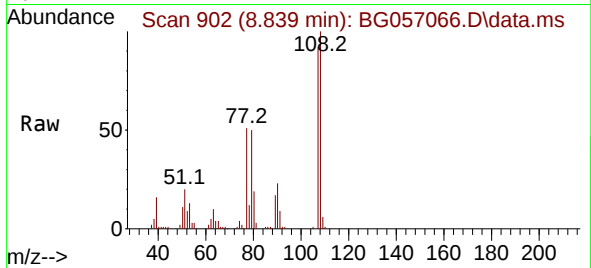




#17
2-Methylphenol
Concen: 49.180 ng
RT: 8.839 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

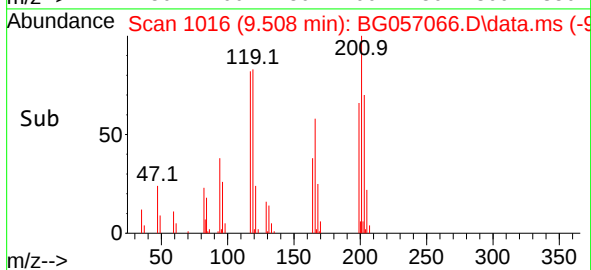
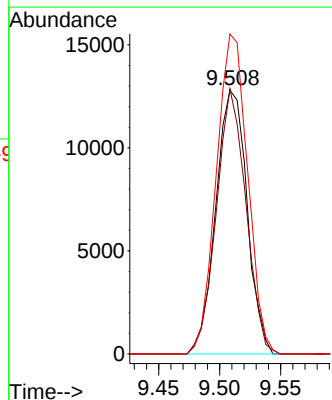
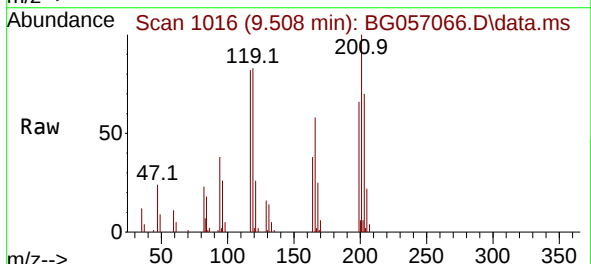
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

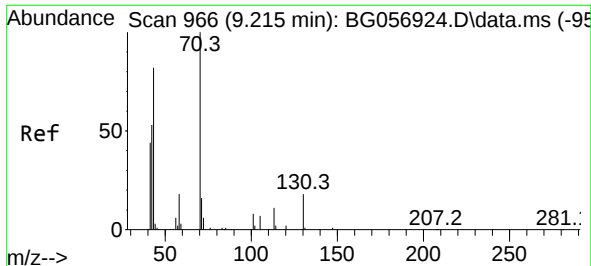
Tgt Ion:	107	Resp:	53933
Ion Ratio	Lower	Upper	
107	100		
108	108.4	96.0	144.0
77	55.3	45.6	68.4
79	54.1	47.0	70.4



#18
Hexachloroethane
Concen: 54.191 ng
RT: 9.508 min Scan# 1016
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:	117	Resp:	22820
Ion Ratio	Lower	Upper	
117	100		
119	100.6	67.0	100.6
201	121.3	98.7	148.1

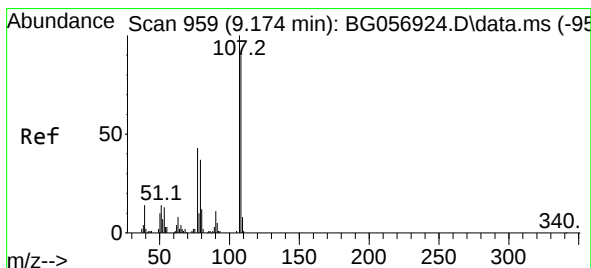
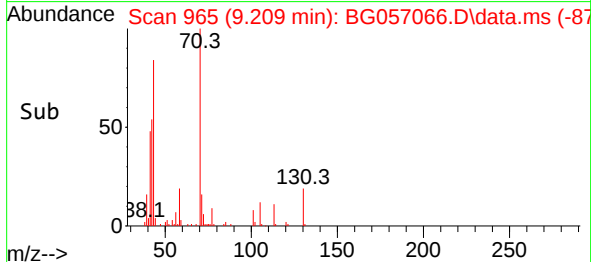
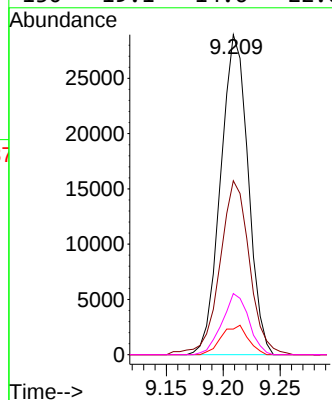
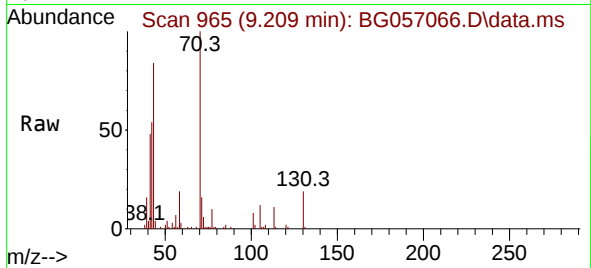




#19
n-Nitroso-di-n-propylamine
Concen: 43.803 ng
RT: 9.209 min Scan# 910
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

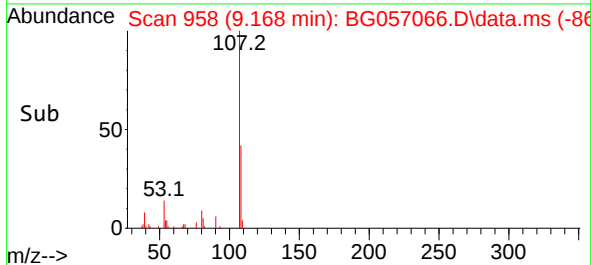
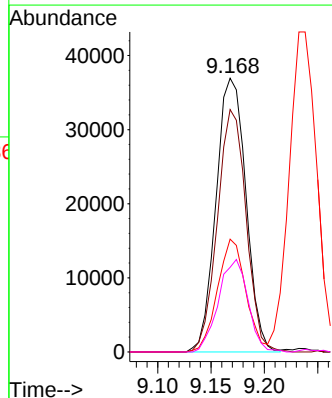
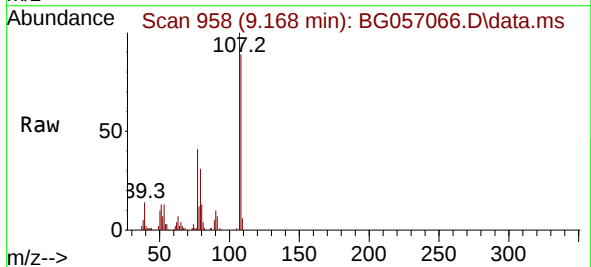
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

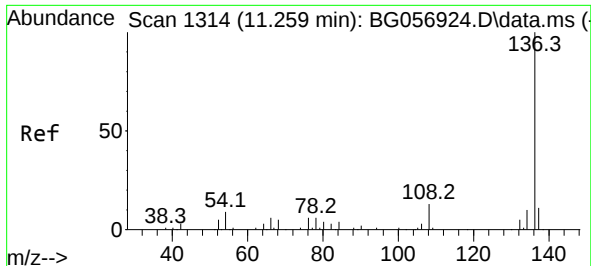
Tgt Ion:	70	Resp:	48603
Ion	Ratio	Lower	Upper
70	100		
42	54.3	43.4	65.0
101	8.0	6.2	9.2
130	19.1	14.6	22.0



#20
3+4-Methylphenols
Concen: 46.937 ng
RT: 9.168 min Scan# 958
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:	107	Resp:	71976
Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.9	109.9
77	41.2	22.7	62.7
79	30.9	16.5	56.5

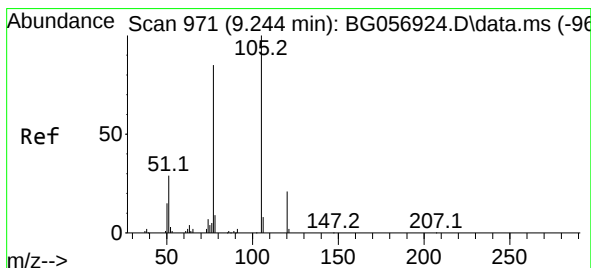
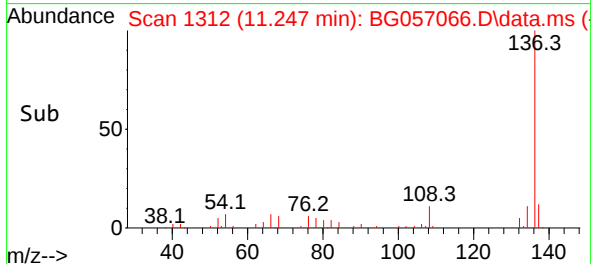
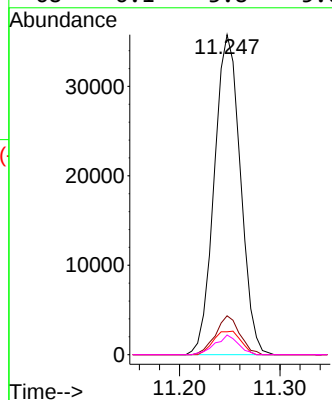
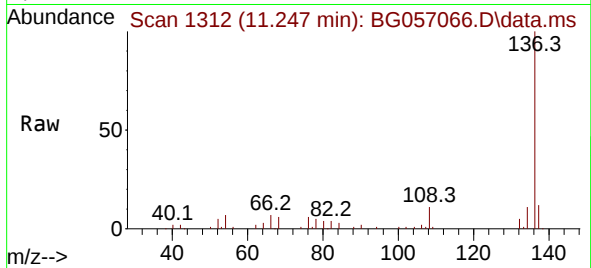




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.247 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

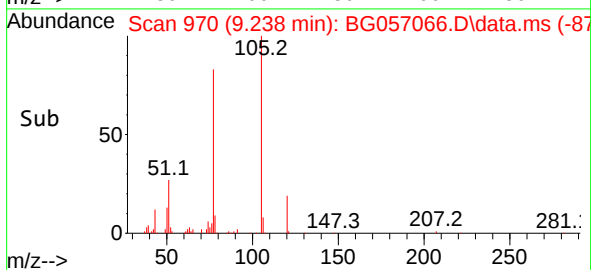
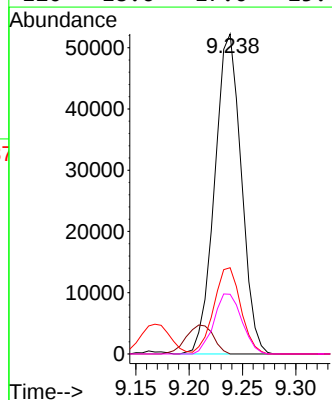
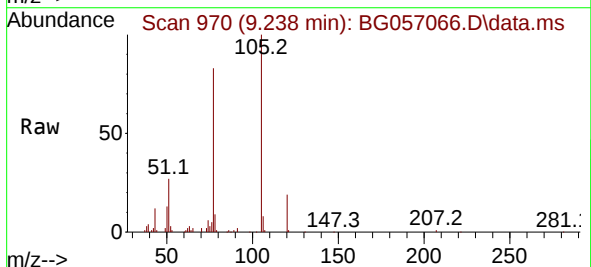
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

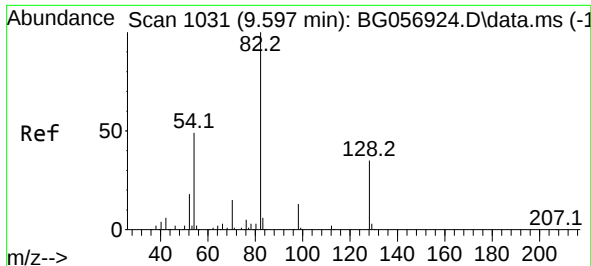
Tgt Ion:	136	Resp:	64592
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.6	13.0
54	7.1	6.9	10.3
68	6.1	3.8	5.6#



#22
Acetophenone
Concen: 47.112 ng
RT: 9.238 min Scan# 970
Delta R.T. 0.005 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:	105	Resp:	90550
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.7	1.1#
51	27.0	23.8	35.8
120	18.6	17.0	25.4





#23

Nitrobenzene-d5

Concen: 75.850 ng

RT: 9.585 min Scan# 1029

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

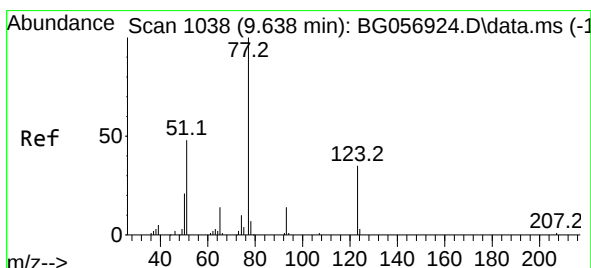
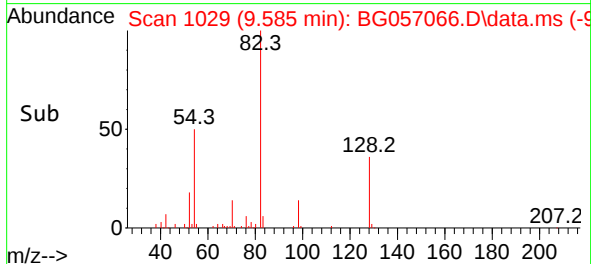
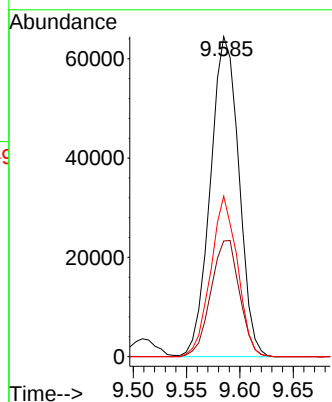
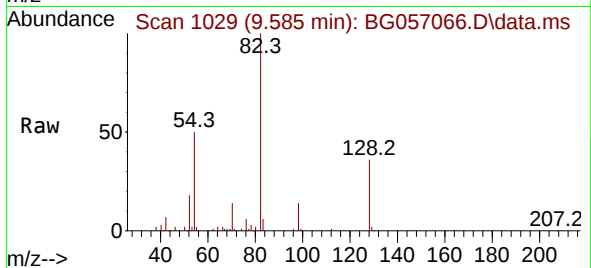
Tgt Ion: 82 Resp: 119736

Ion Ratio Lower Upper

82 100

128 36.1 27.9 41.9

54 50.2 39.4 59.2



#24

Nitrobenzene

Concen: 46.704 ng

RT: 9.626 min Scan# 1036

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

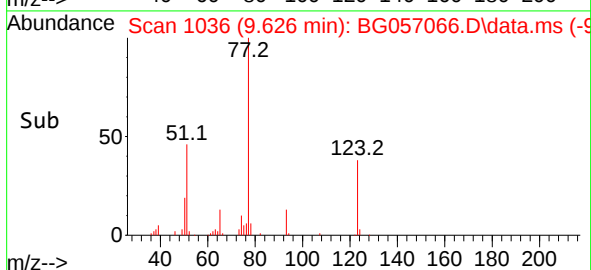
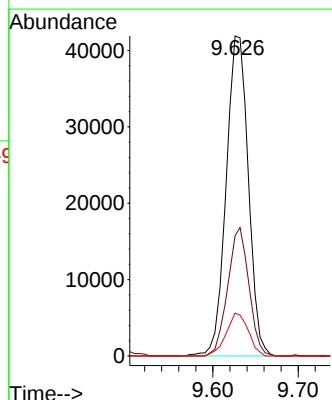
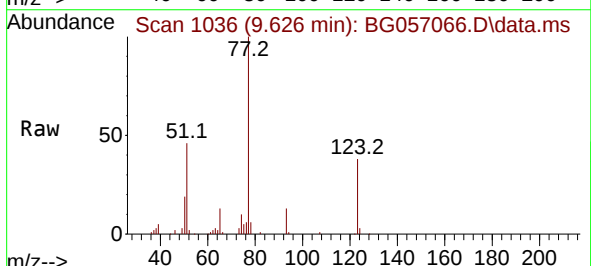
Tgt Ion: 77 Resp: 75377

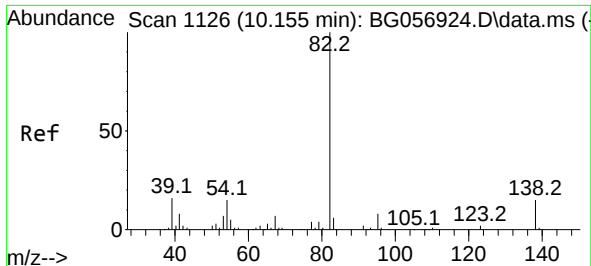
Ion Ratio Lower Upper

77 100

123 37.5 27.6 41.4

65 13.4 11.5 17.3

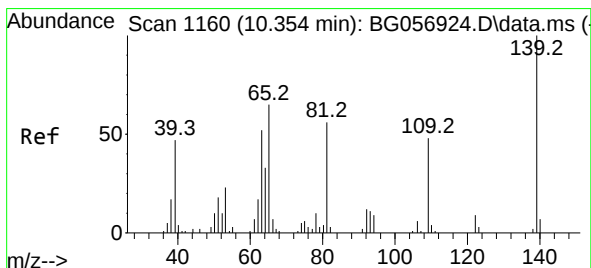
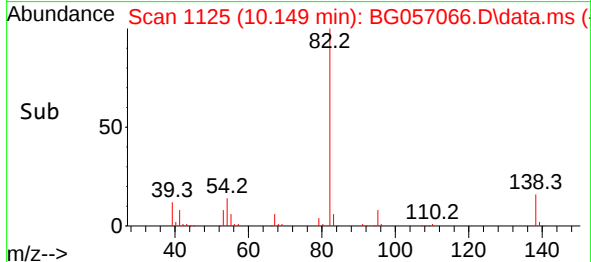
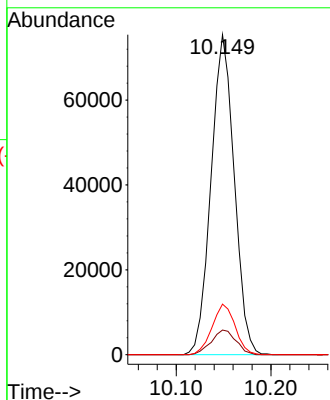
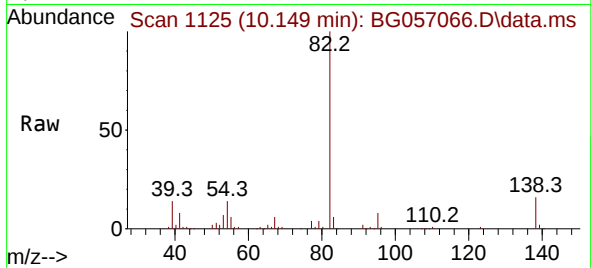




#25
Isophorone
Concen: 42.649 ng
RT: 10.149 min Scan# 1125
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

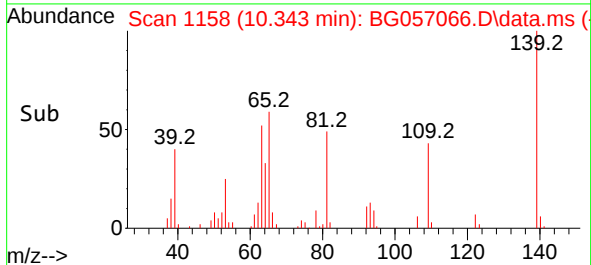
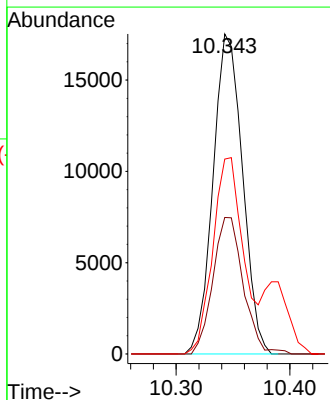
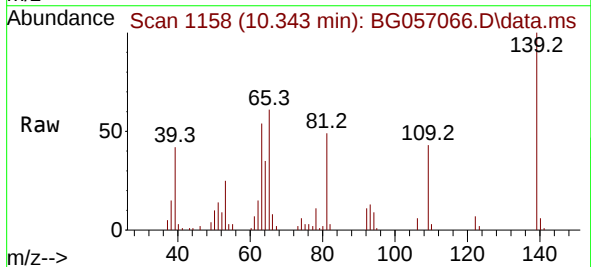
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion: 82 Resp: 128203
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 15.8 11.8 17.8



#26
2-Nitrophenol
Concen: 50.646 ng
RT: 10.343 min Scan# 1158
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:139 Resp: 31550
Ion Ratio Lower Upper
139 100
109 42.6 38.2 57.4
65 60.9 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 50.451 ng

RT: 10.390 min Scan# 1166

Delta R.T. 0.005 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

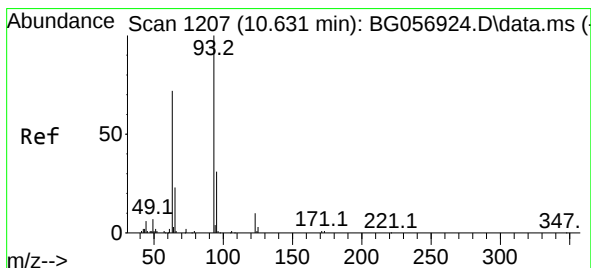
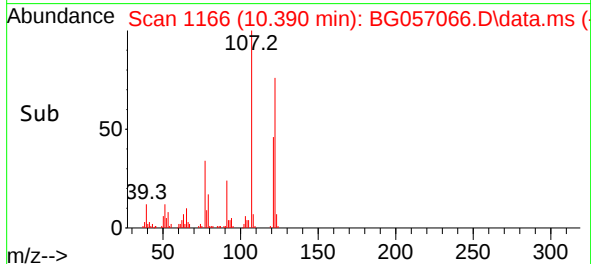
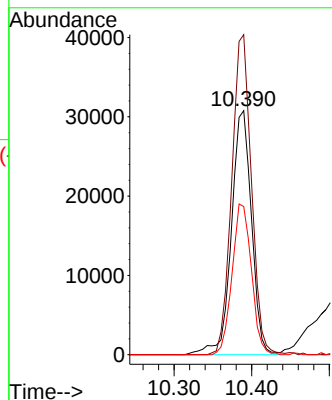
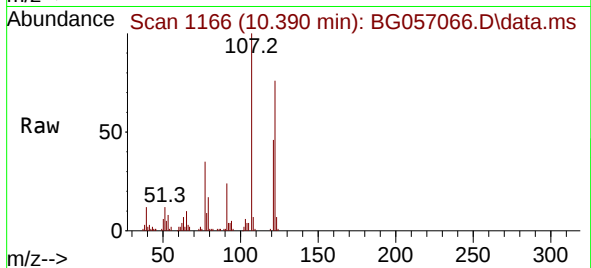
Tgt Ion:122 Resp: 55491

Ion Ratio Lower Upper

122 100

107 131.1 105.7 158.5

121 60.7 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.791 ng

RT: 10.625 min Scan# 1206

Delta R.T. 0.005 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

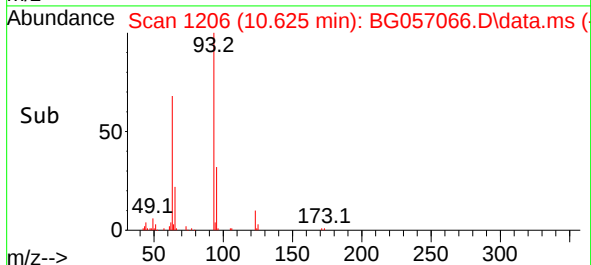
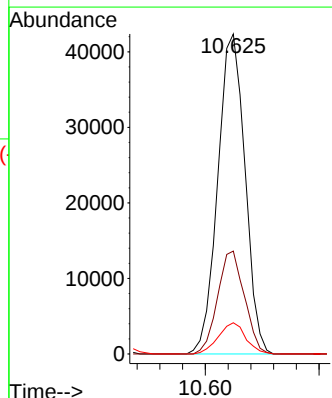
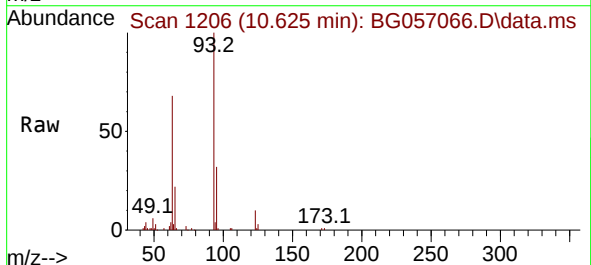
Tgt Ion: 93 Resp: 70418

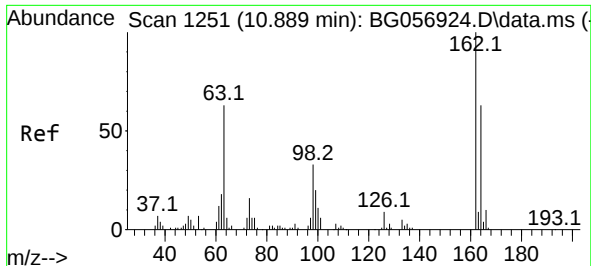
Ion Ratio Lower Upper

93 100

95 32.1 24.6 37.0

123 9.8 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 46.510 ng

RT: 10.883 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

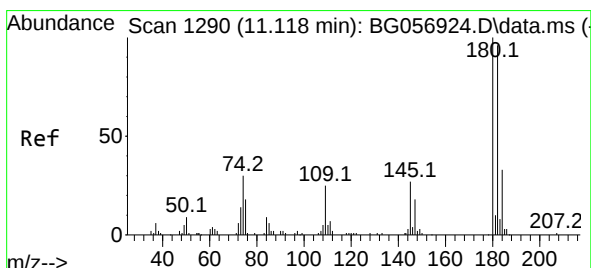
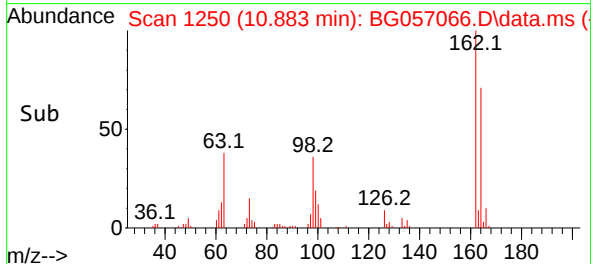
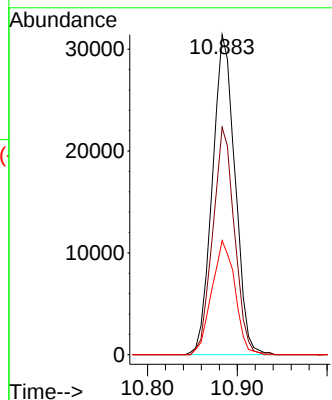
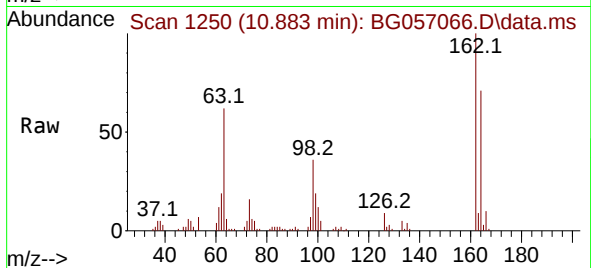
Tgt Ion:162 Resp: 55016

Ion Ratio Lower Upper

162 100

164 71.1 43.4 83.4

98 35.7 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 49.692 ng

RT: 11.106 min Scan# 1288

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

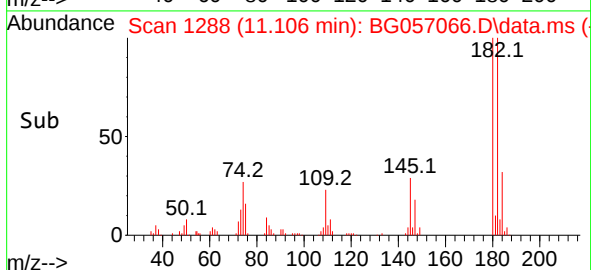
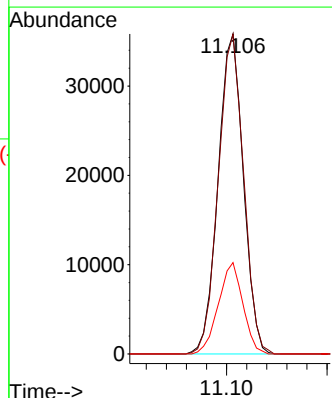
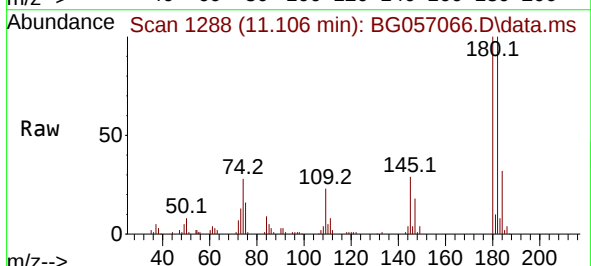
Tgt Ion:180 Resp: 62455

Ion Ratio Lower Upper

180 100

182 99.9 77.1 115.7

145 28.6 21.3 31.9

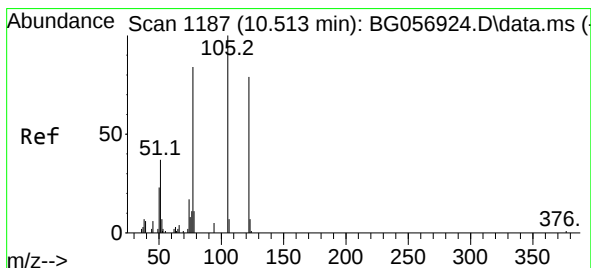
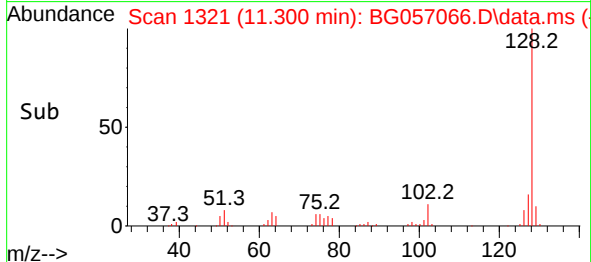
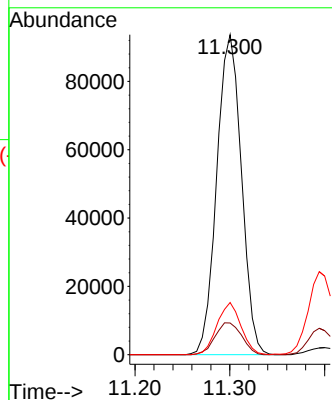
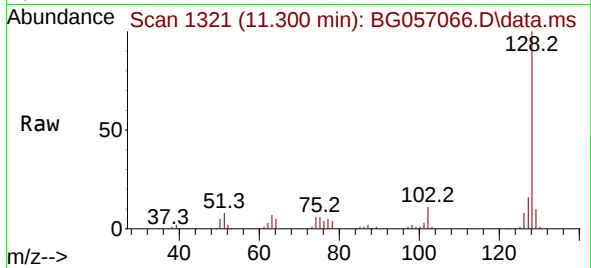




#31
Naphthalene
Concen: 48.113 ng
RT: 11.300 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

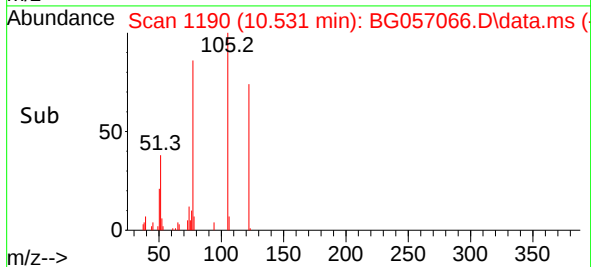
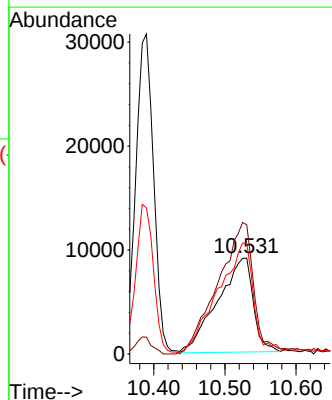
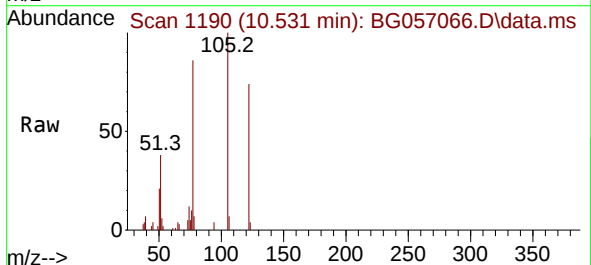
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

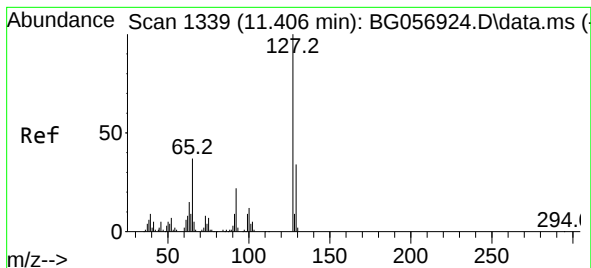
Tgt Ion:128 Resp: 169390
Ion Ratio Lower Upper
128 100
129 9.9 9.4 14.2
127 16.3 12.2 18.4



#32
Benzoic acid
Concen: 41.690 ng
RT: 10.531 min Scan# 1190
Delta R.T. 0.022 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:122 Resp: 31498
Ion Ratio Lower Upper
122 100
105 134.8 105.4 145.4
77 115.5 87.4 127.4





#33

4-Chloroaniline

Concen: 29.237 ng

RT: 11.394 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG057066.D

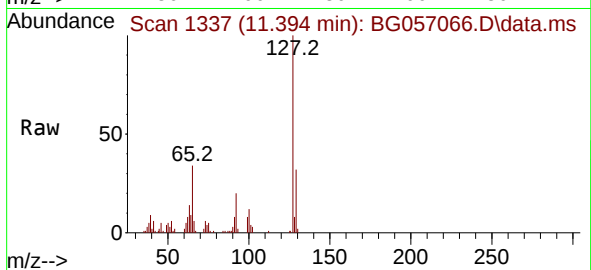
Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS



Tgt Ion:127 Resp: 46489

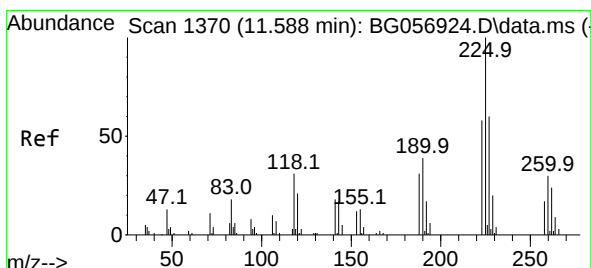
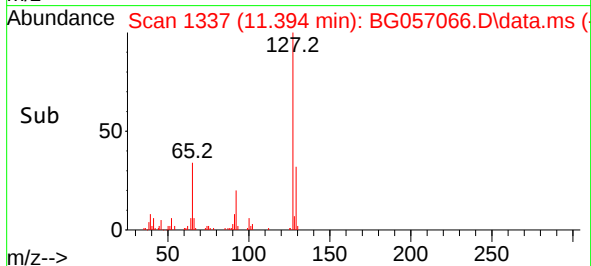
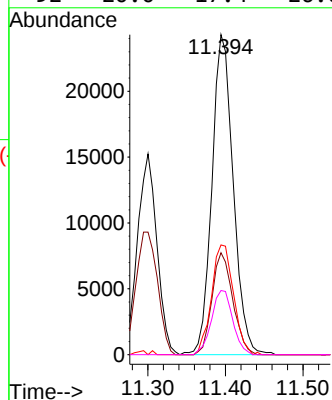
Ion Ratio Lower Upper

127 100

129 31.9 27.6 41.4

65 34.3 29.8 44.8

92 20.0 17.4 26.0



#34

Hexachlorobutadiene

Concen: 47.029 ng

RT: 11.576 min Scan# 1368

Delta R.T. 0.005 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

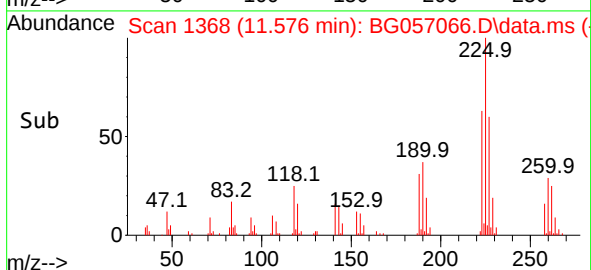
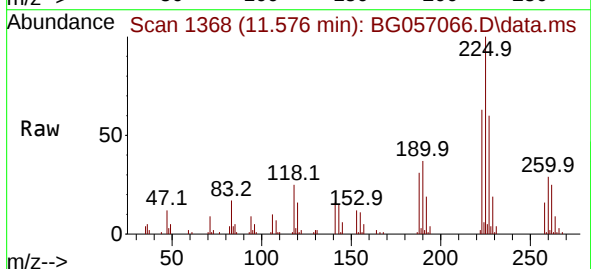
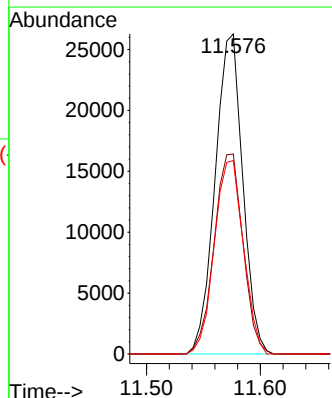
Tgt Ion:225 Resp: 44401

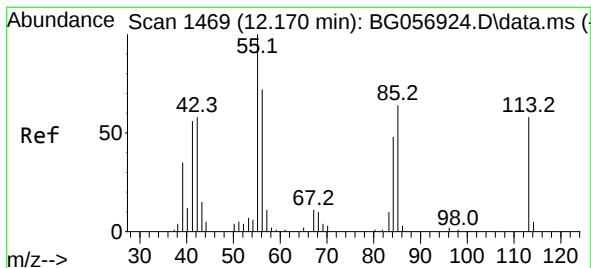
Ion Ratio Lower Upper

225 100

223 62.5 46.4 69.6

227 60.5 48.0 72.0





#35

Caprolactam

Concen: 27.085 ng

RT: 12.164 min Scan# 1468

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

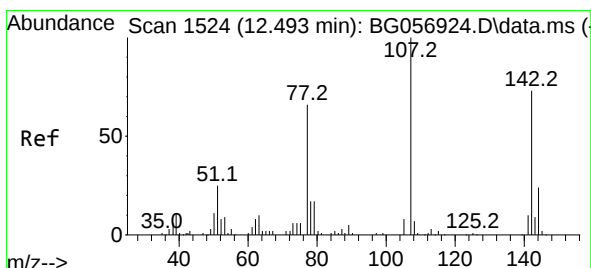
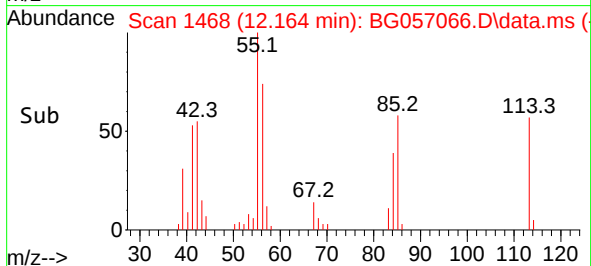
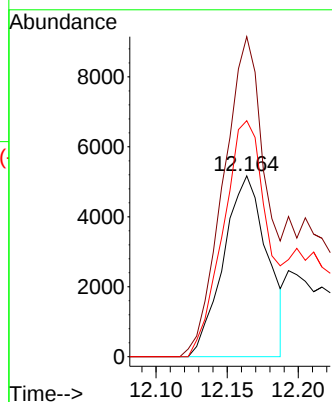
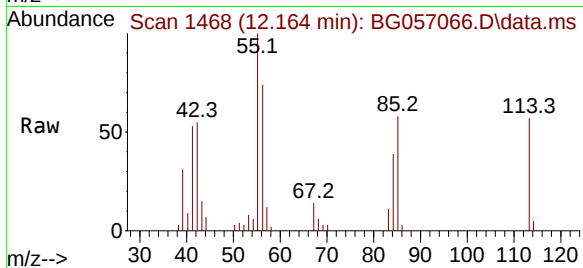
Tgt Ion:113 Resp: 11049

Ion Ratio Lower Upper

113 100

55 176.9 151.6 191.6

56 130.5 103.7 143.7



#36

4-Chloro-3-methylphenol

Concen: 44.752 ng

RT: 12.487 min Scan# 1523

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

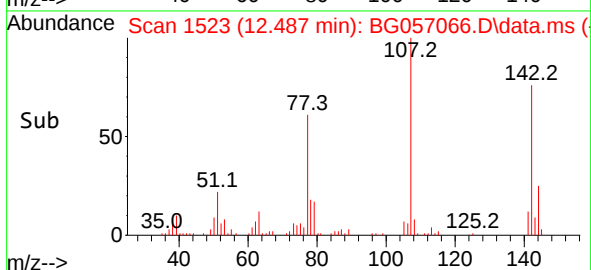
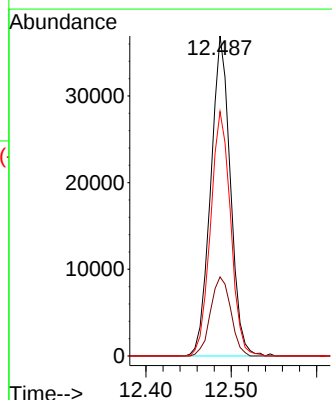
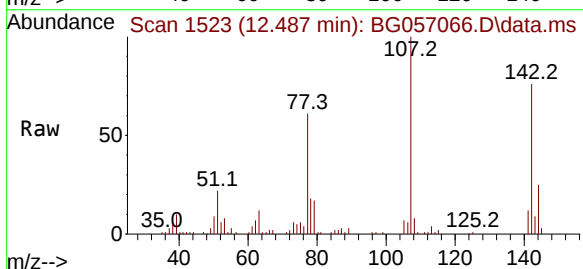
Tgt Ion:107 Resp: 59200

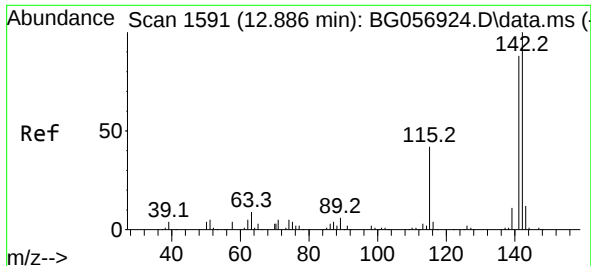
Ion Ratio Lower Upper

107 100

144 24.7 19.0 28.4

142 76.4 58.6 88.0

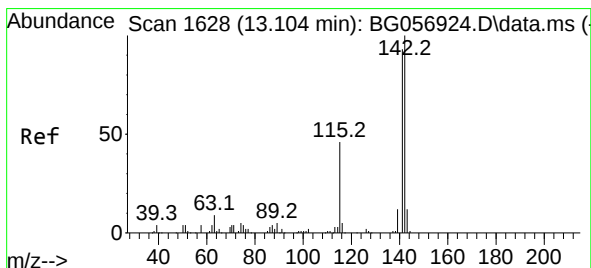
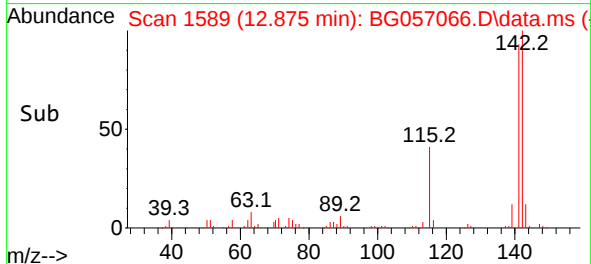
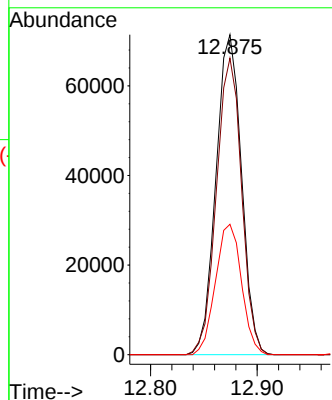
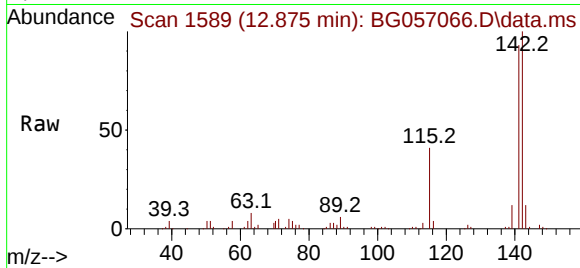




#37
2-Methylnaphthalene
Concen: 42.440 ng
RT: 12.875 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

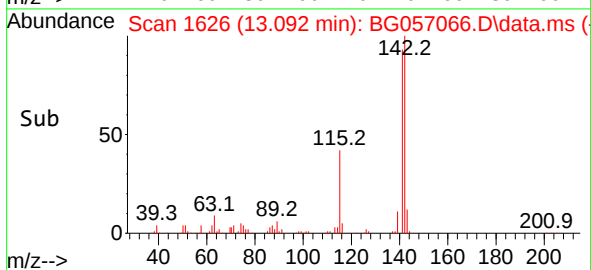
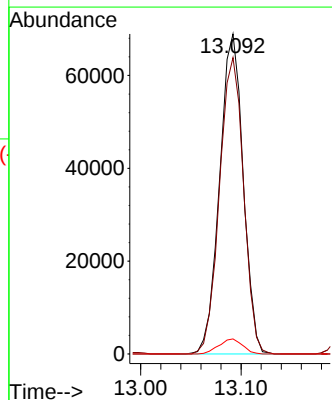
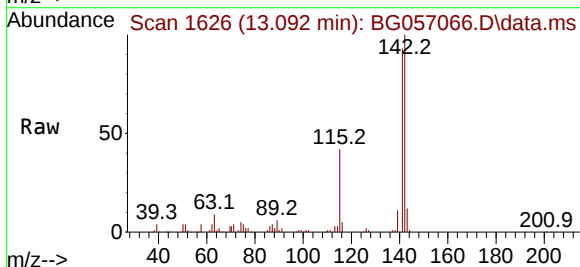
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

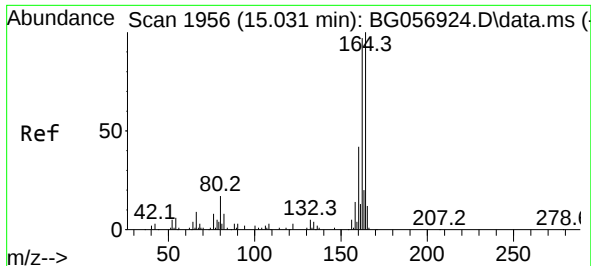
Tgt Ion:142 Resp: 118589
Ion Ratio Lower Upper
142 100
141 92.7 70.3 105.5
115 40.7 33.5 50.3



#38
1-Methylnaphthalene
Concen: 42.722 ng
RT: 13.092 min Scan# 1626
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:142 Resp: 112093
Ion Ratio Lower Upper
142 100
141 92.6 74.0 111.0
116 4.7 3.7 5.5

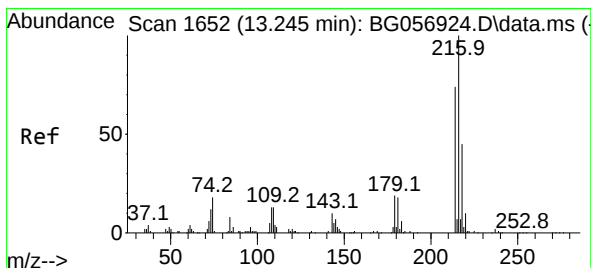
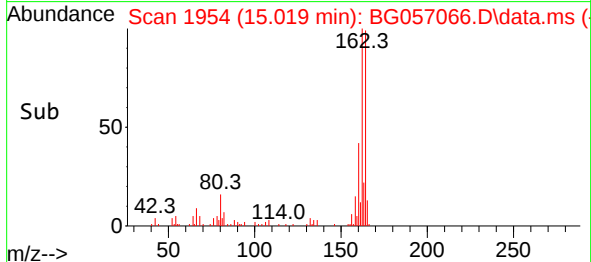
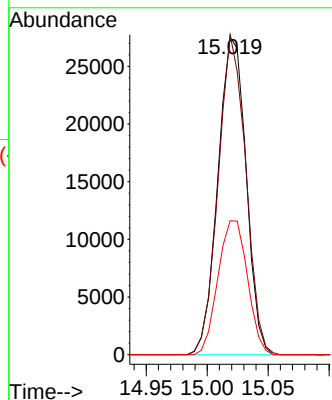
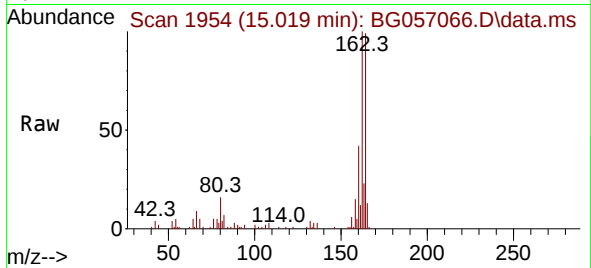




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.019 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

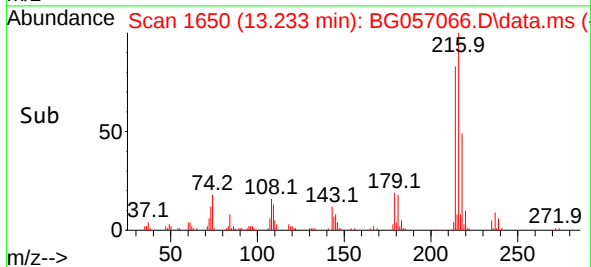
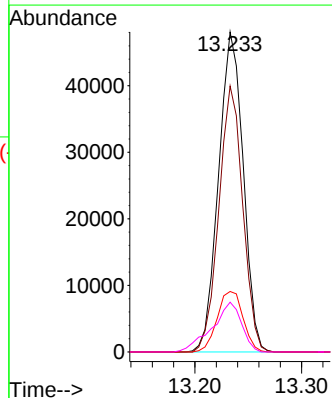
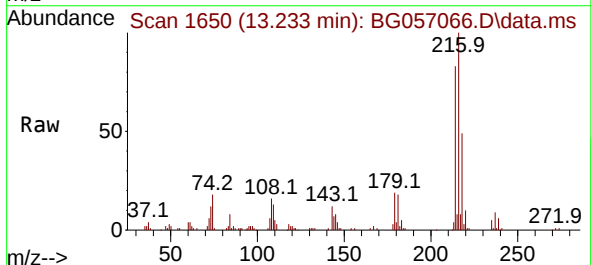
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

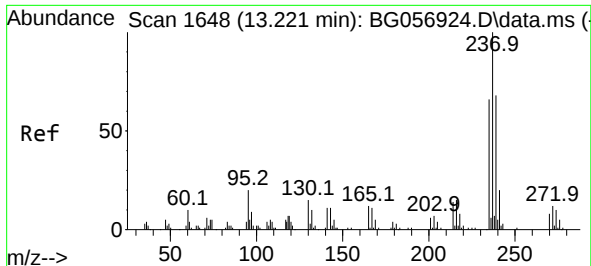
Tgt Ion:164 Resp: 44217
Ion Ratio Lower Upper
164 100
162 100.8 77.8 116.8
160 42.2 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.192 ng
RT: 13.233 min Scan# 1650
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

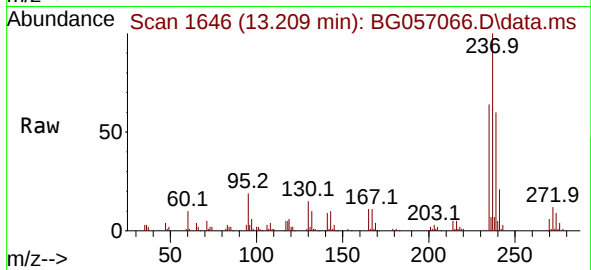
Tgt Ion:216 Resp: 76960
Ion Ratio Lower Upper
216 100
214 80.6 63.3 94.9
179 19.9 15.0 22.6
108 18.6 12.6 19.0



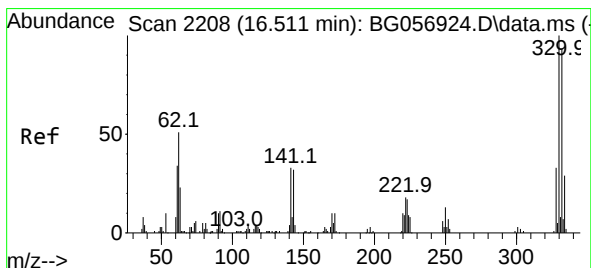
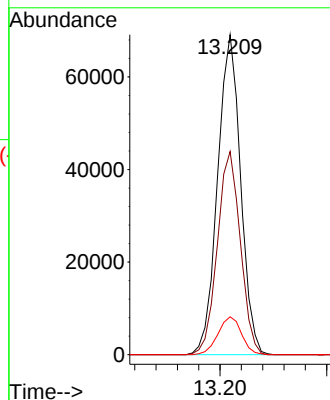
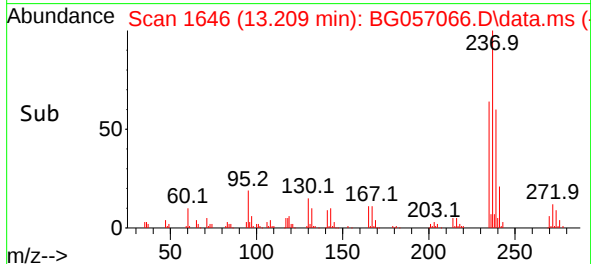


#41
Hexachlorocyclopentadiene
Concen: 122.478 ng
RT: 13.209 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

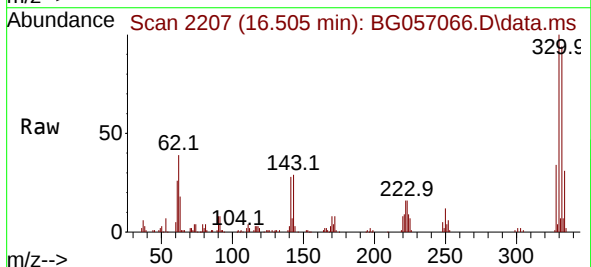
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



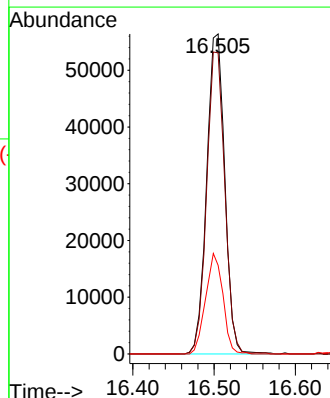
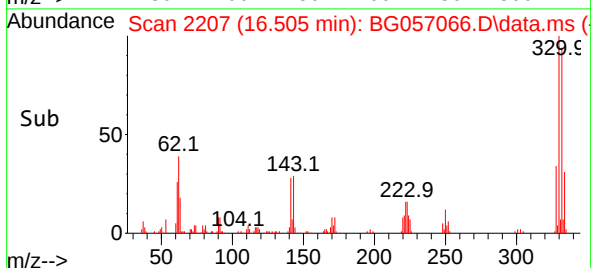
Tgt Ion: 237 Resp: 103472
Ion Ratio Lower Upper
237 100
235 63.5 45.9 85.9
272 11.9 0.0 32.3

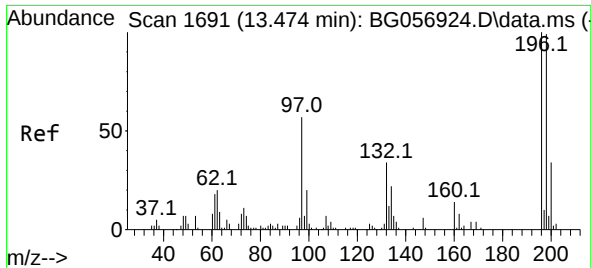


#42
2,4,6-Tribromophenol
Concen: 123.297 ng
RT: 16.505 min Scan# 2207
Delta R.T. 0.005 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25



Tgt Ion: 330 Resp: 87095
Ion Ratio Lower Upper
330 100
332 94.5 76.1 114.1
141 30.1 25.8 38.6

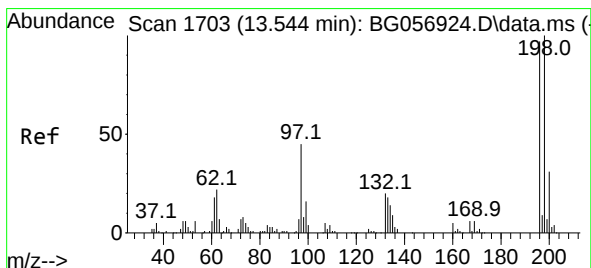
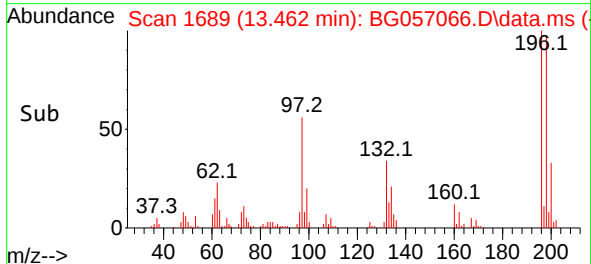
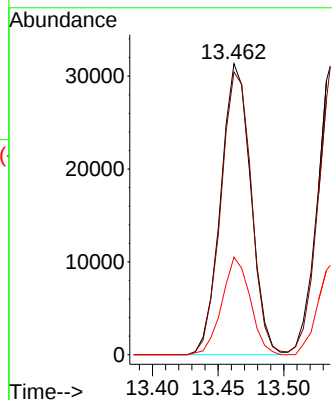
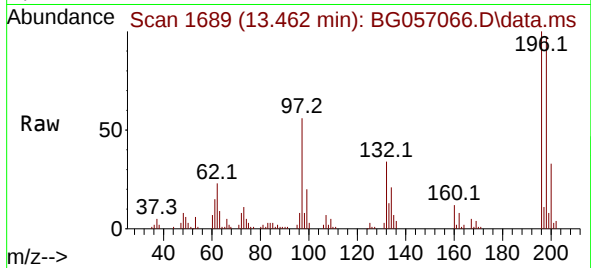




#43
2,4,6-Trichlorophenol
Concen: 50.964 ng
RT: 13.462 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

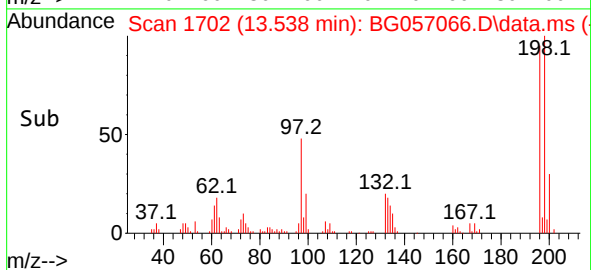
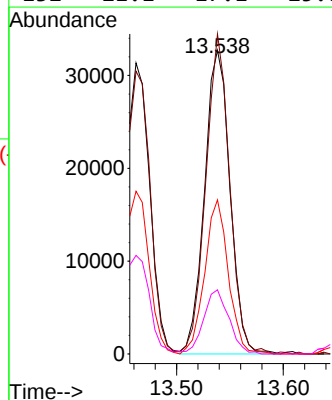
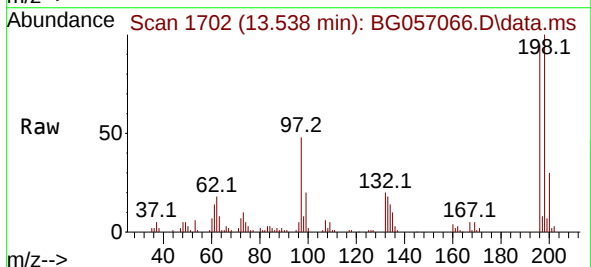
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

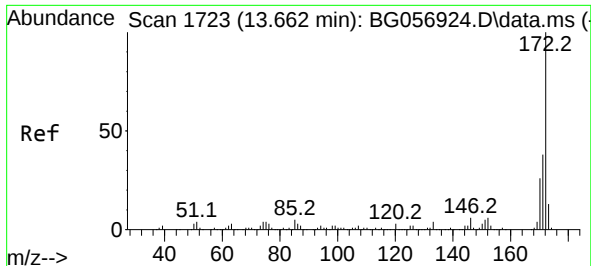
Tgt Ion:196 Resp: 49867
Ion Ratio Lower Upper
196 100
198 97.1 79.1 118.7
200 33.5 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 46.845 ng
RT: 13.538 min Scan# 1702
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:196 Resp: 54300
Ion Ratio Lower Upper
196 100
198 105.4 82.5 123.7
97 50.7 37.0 55.6
132 21.1 17.1 25.7

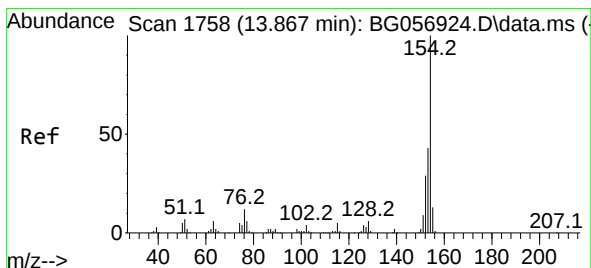
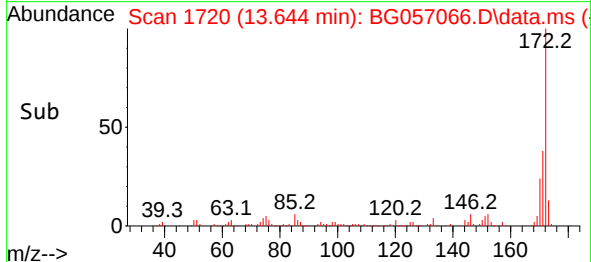
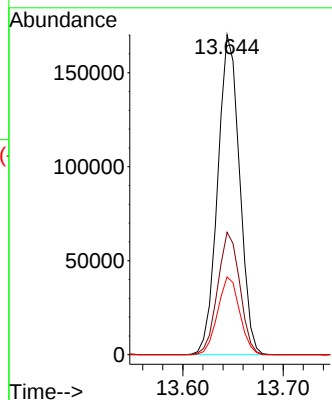
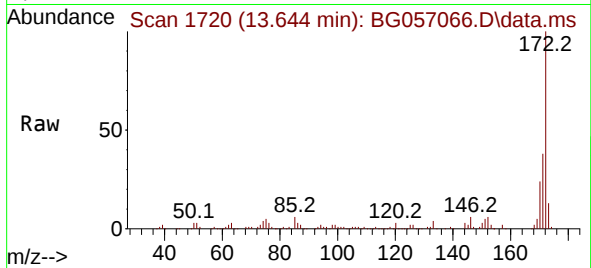




#45
2-Fluorobiphenyl
Concen: 78.771 ng
RT: 13.644 min Scan# 1720
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

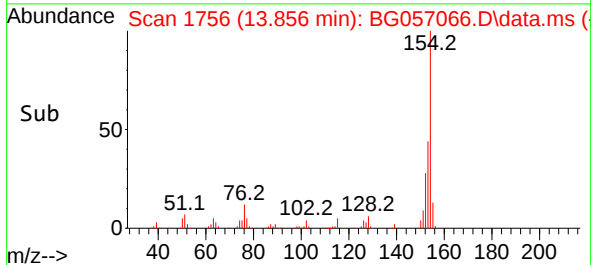
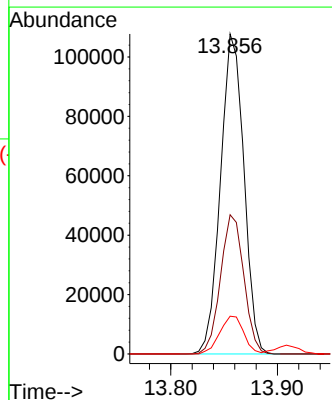
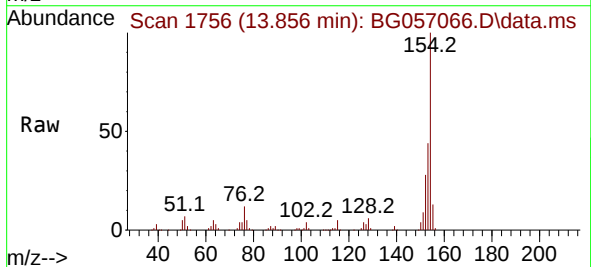
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion:172 Resp: 256858
Ion Ratio Lower Upper
172 100
171 38.2 30.6 46.0
170 24.3 20.6 30.8



#46
1,1'-Biphenyl
Concen: 50.670 ng
RT: 13.856 min Scan# 1756
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:154 Resp: 164008
Ion Ratio Lower Upper
154 100
153 43.5 23.4 63.4
76 11.8 0.0 31.6

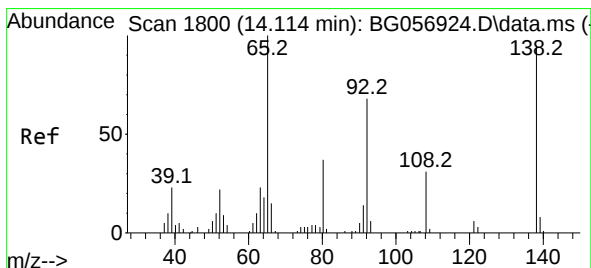
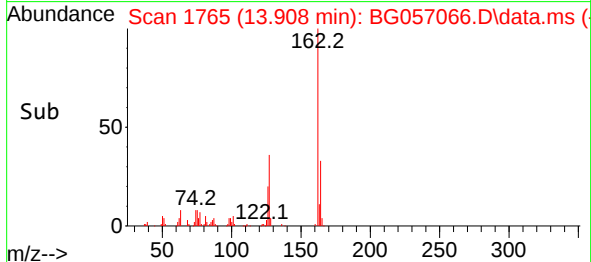
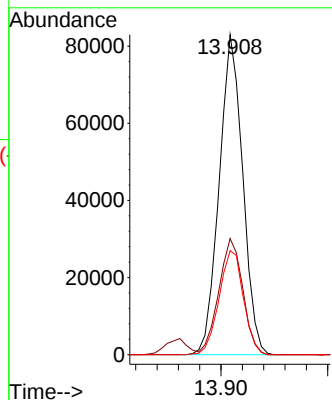
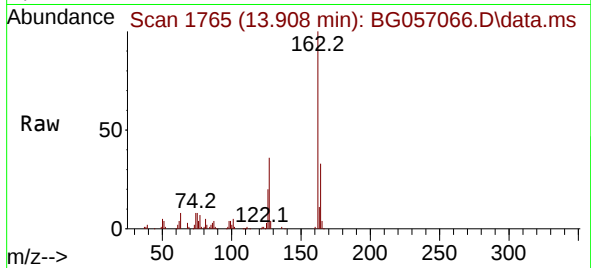




#47
2-Chloronaphthalene
Concen: 53.038 ng
RT: 13.908 min Scan# 1765
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

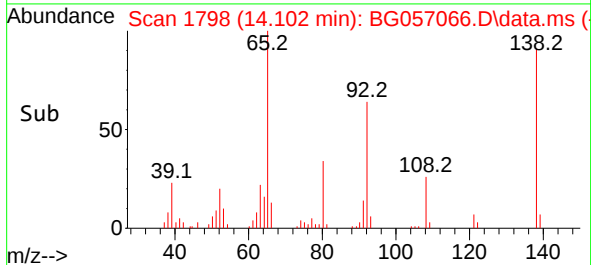
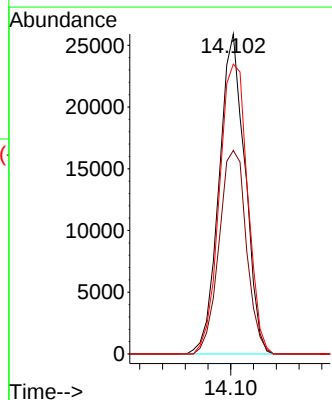
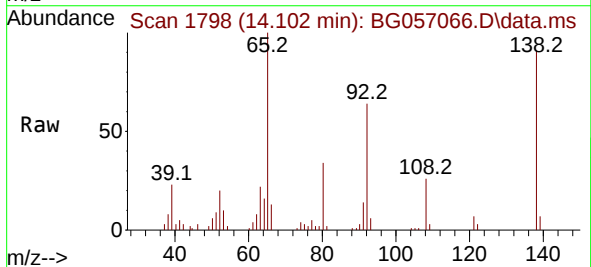
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

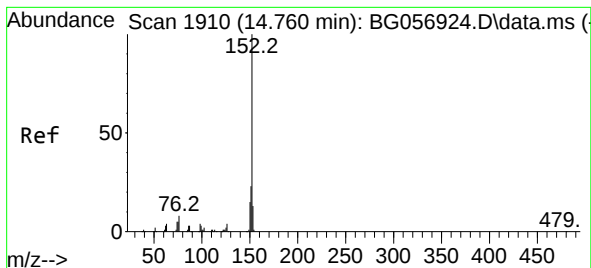
Tgt Ion:162 Resp: 126970
Ion Ratio Lower Upper
162 100
127 36.3 29.5 44.3
164 32.5 25.5 38.3



#48
2-Nitroaniline
Concen: 48.000 ng
RT: 14.102 min Scan# 1798
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion: 65 Resp: 41088
Ion Ratio Lower Upper
65 100
92 63.6 54.3 81.5
138 90.6 76.0 114.0





#49

Acenaphthylene

Concen: 50.352 ng

RT: 14.748 min Scan# 1910

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

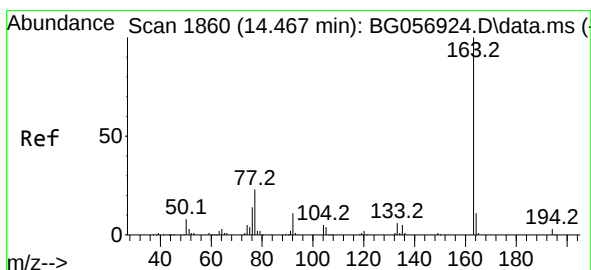
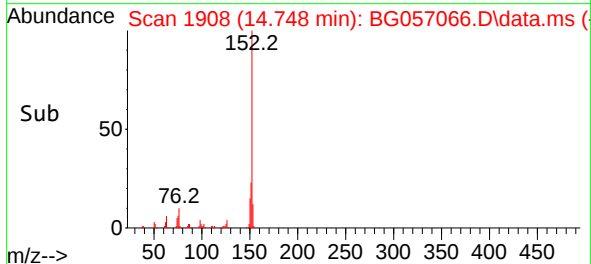
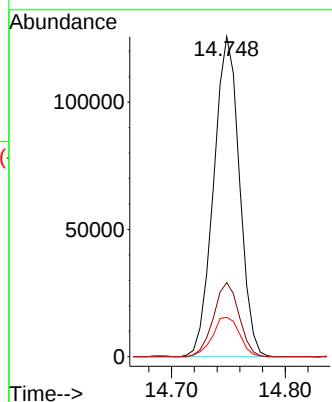
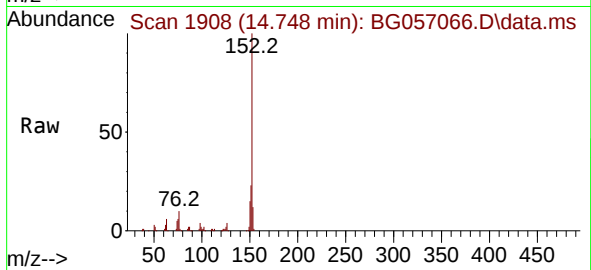
Tgt Ion:152 Resp: 198050

Ion Ratio Lower Upper

152 100

151 23.2 18.2 27.2

153 12.3 10.5 15.7



#50

Dimethylphthalate

Concen: 46.345 ng

RT: 14.455 min Scan# 1858

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

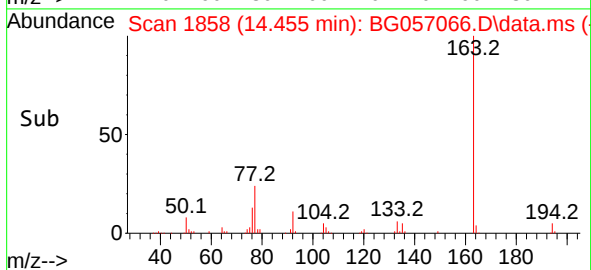
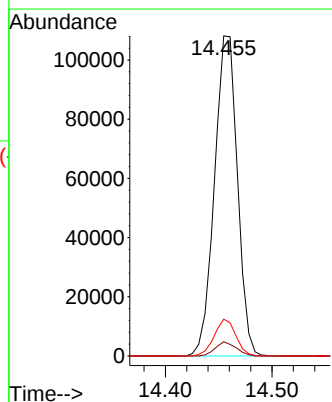
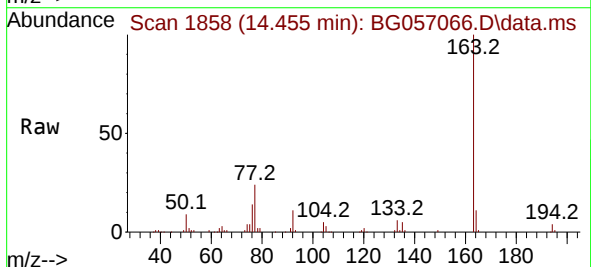
Tgt Ion:163 Resp: 161465

Ion Ratio Lower Upper

163 100

194 4.5 2.8 4.2#

164 11.5 8.8 13.2

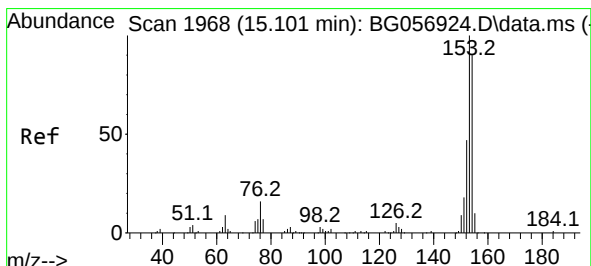
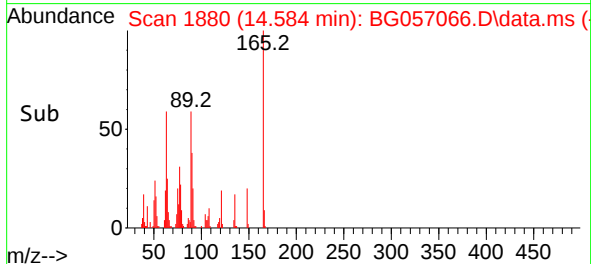
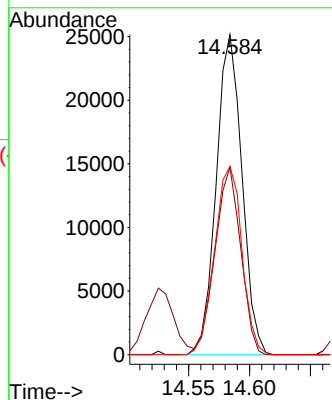
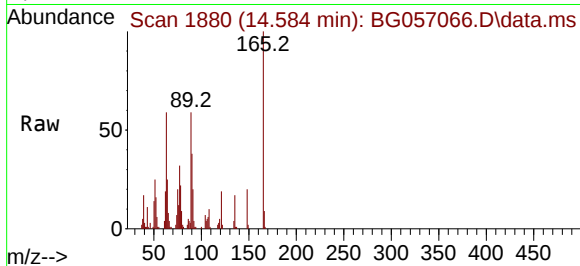




#51
2,6-Dinitrotoluene
Concen: 49.148 ng
RT: 14.584 min Scan# 1881
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

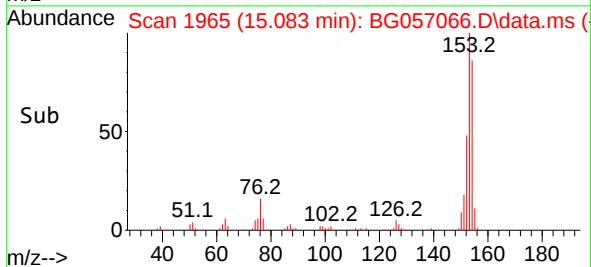
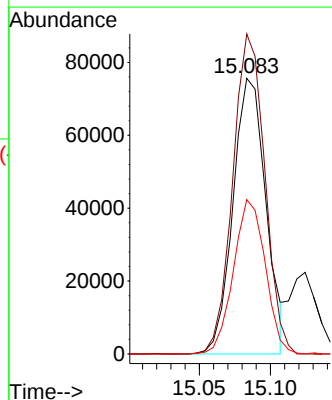
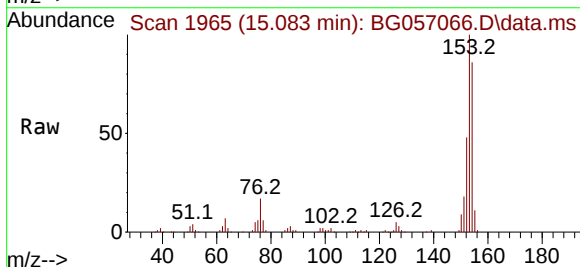
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion:165 Resp: 36996
Ion Ratio Lower Upper
165 100
63 58.6 53.0 79.6
89 58.9 51.0 76.4



#52
Acenaphthene
Concen: 44.938 ng
RT: 15.083 min Scan# 1965
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:154 Resp: 121904
Ion Ratio Lower Upper
154 100
153 116.1 88.9 133.3
152 56.0 41.8 62.8

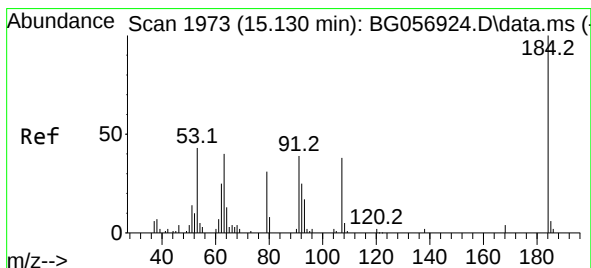
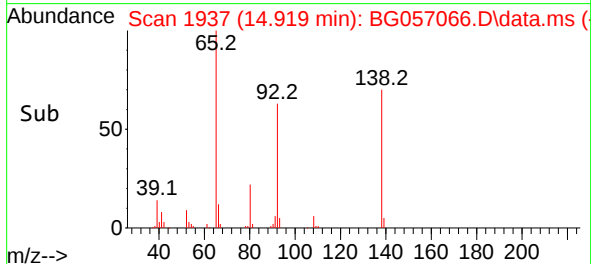
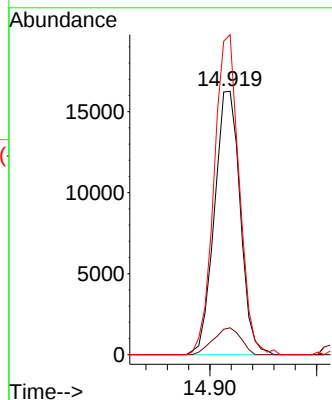
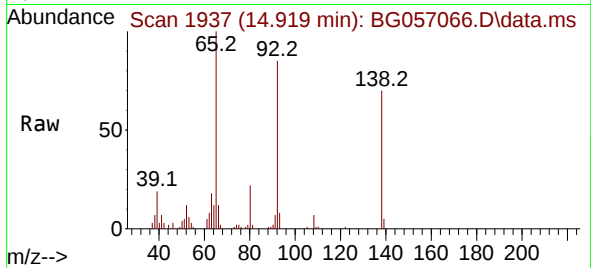




#53
3-Nitroaniline
Concen: 36.487 ng
RT: 14.919 min Scan# 1937
Delta R.T. 0.005 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

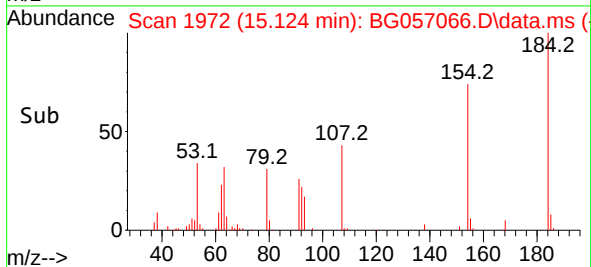
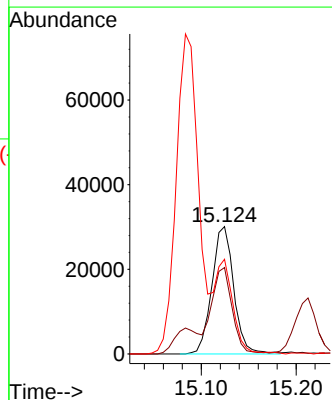
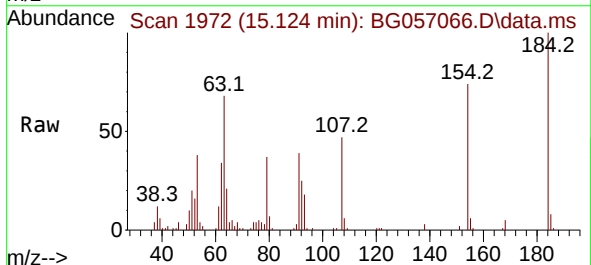
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

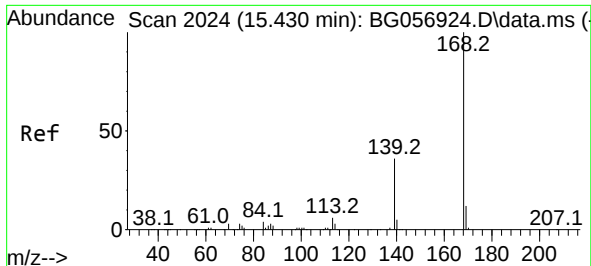
Tgt Ion:138 Resp: 27186
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 121.5 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 113.827 ng
RT: 15.124 min Scan# 1972
Delta R.T. 0.005 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:184 Resp: 48228
Ion Ratio Lower Upper
184 100
63 67.8 46.5 69.7
154 74.4 53.5 80.3

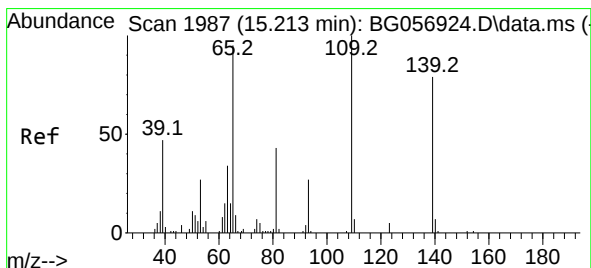
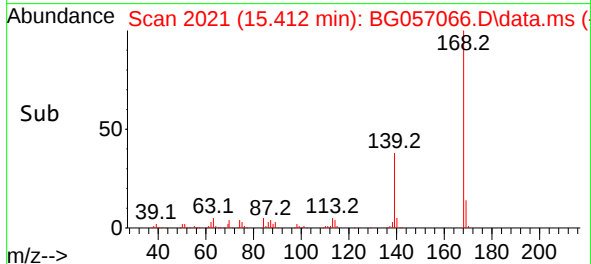
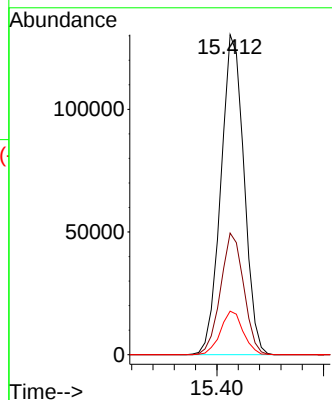
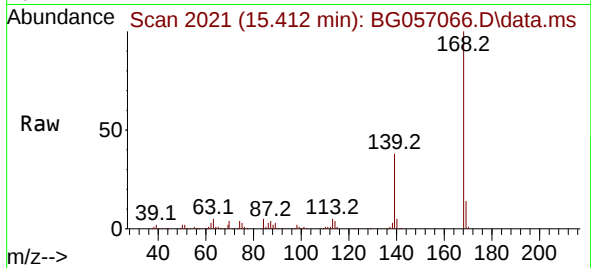




#55
Dibenzenofuran
Concen: 48.206 ng
RT: 15.412 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

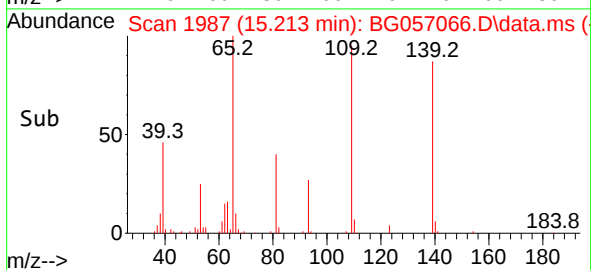
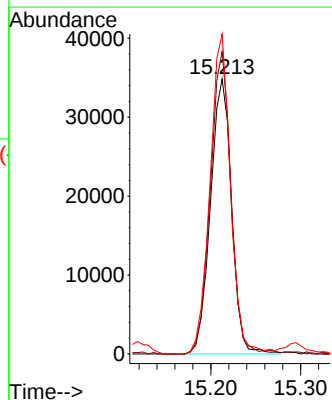
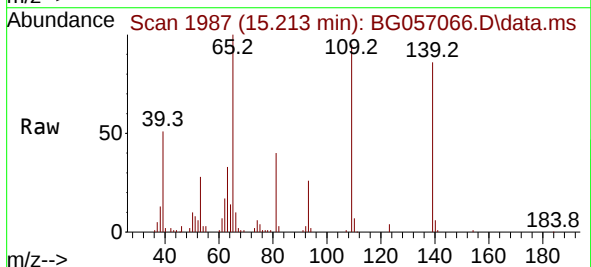
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

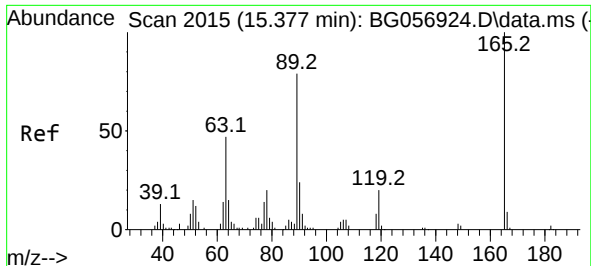
Tgt Ion:168 Resp: 196267
Ion Ratio Lower Upper
168 100
139 38.0 28.9 43.3
169 13.6 9.8 14.6



#56
4-Nitrophenol
Concen: 102.792 ng
RT: 15.213 min Scan# 1987
Delta R.T. 0.005 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:139 Resp: 56635
Ion Ratio Lower Upper
139 100
109 110.0 106.7 146.7
65 116.4 100.5 140.5

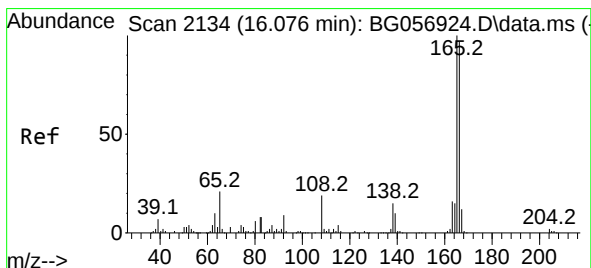
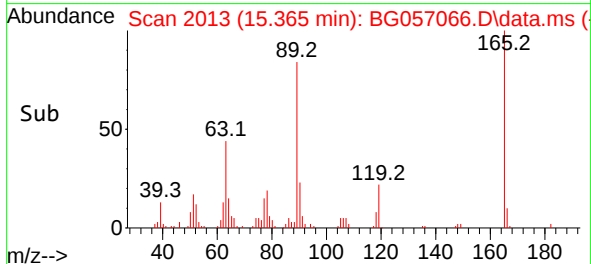
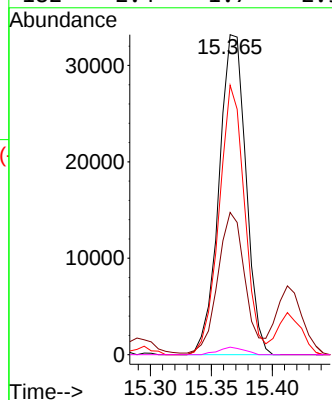
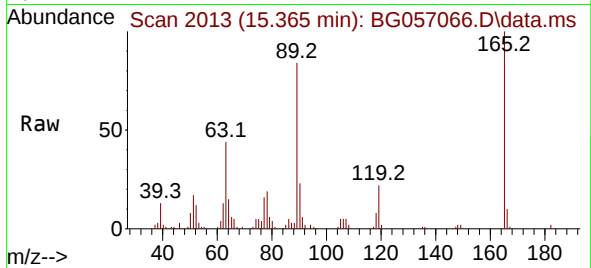




#57
2,4-Dinitrotoluene
Concen: 48.079 ng
RT: 15.365 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

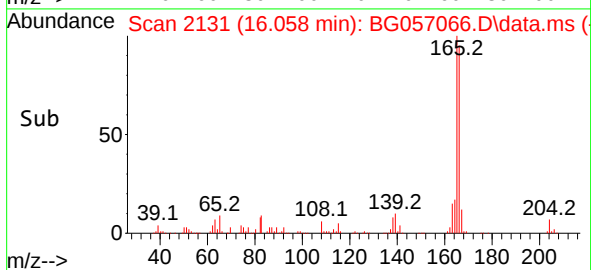
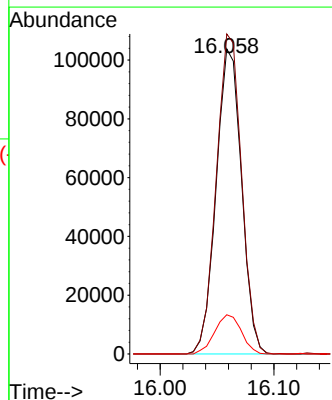
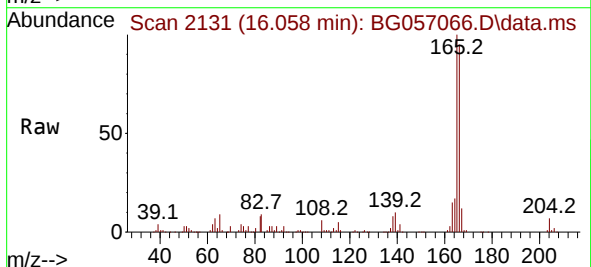
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

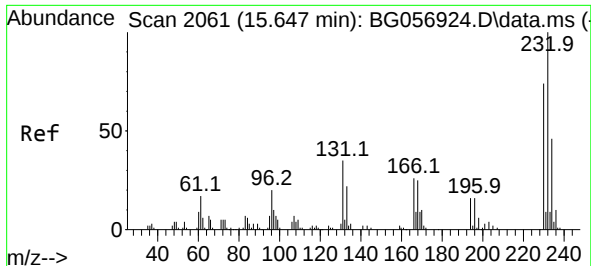
Tgt Ion:	165	Resp:	51044
Ion Ratio	Lower	Upper	
165	100		
63	44.4	37.7	56.5
89	84.2	63.2	94.8
182	2.4	1.7	2.5



#58
Fluorene
Concen: 47.699 ng
RT: 16.058 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:	166	Resp:	160701
Ion Ratio	Lower	Upper	
166	100		
165	104.9	82.6	123.8
167	12.9	10.2	15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.624 ng

RT: 15.635 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG057066.D

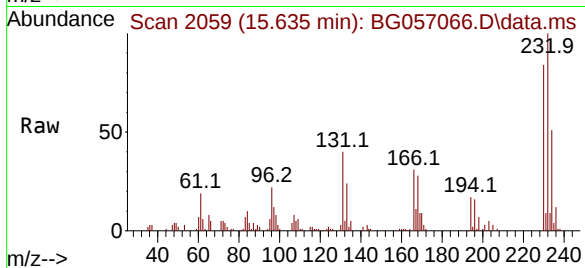
Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS



Tgt Ion:232 Resp: 50263

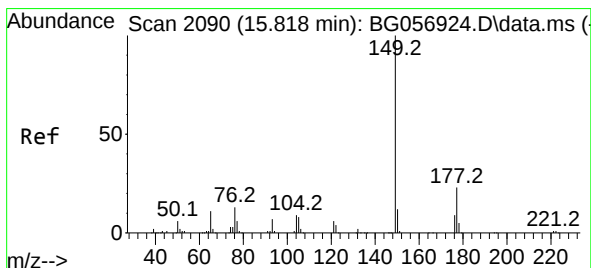
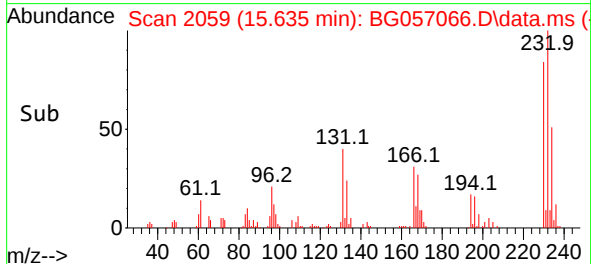
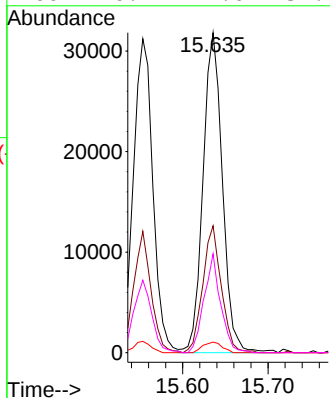
Ion Ratio Lower Upper

232 100

131 37.9 29.3 43.9

130 3.3 1.7 2.5#

166 26.4 21.0 31.6



#60

Diethylphthalate

Concen: 47.073 ng

RT: 15.806 min Scan# 2088

Delta R.T. 0.005 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

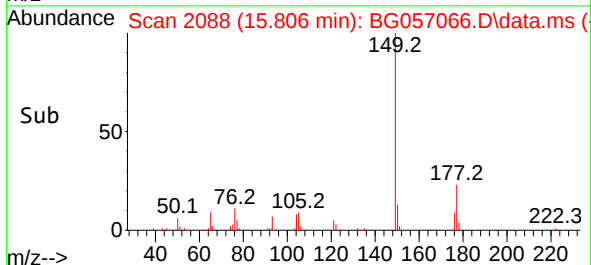
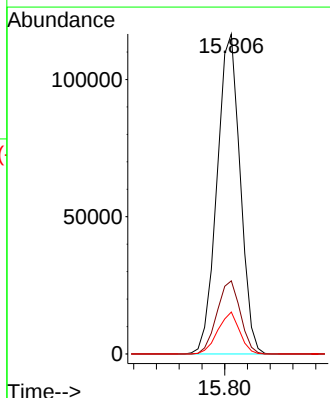
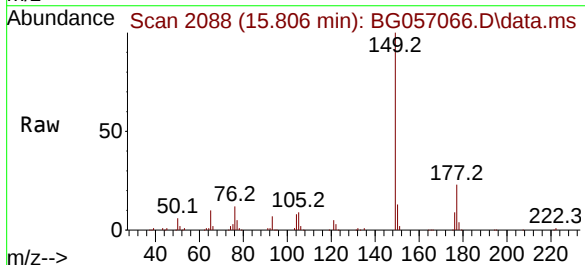
Tgt Ion:149 Resp: 164411

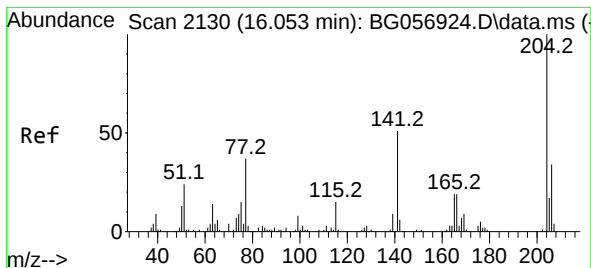
Ion Ratio Lower Upper

149 100

177 22.8 18.8 28.2

150 13.1 9.4 14.2

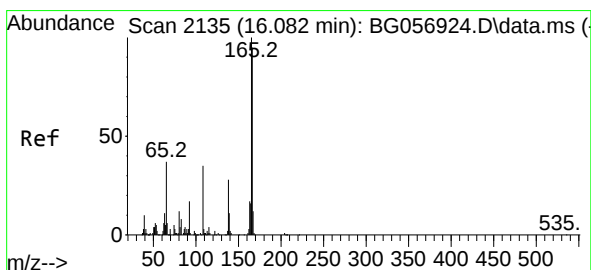
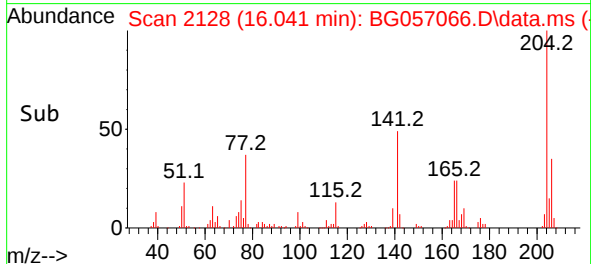
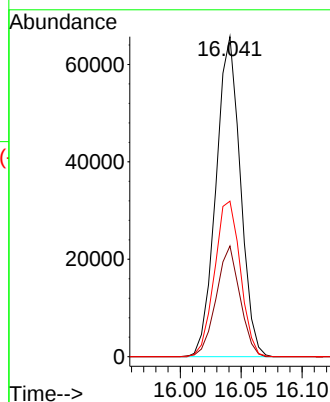
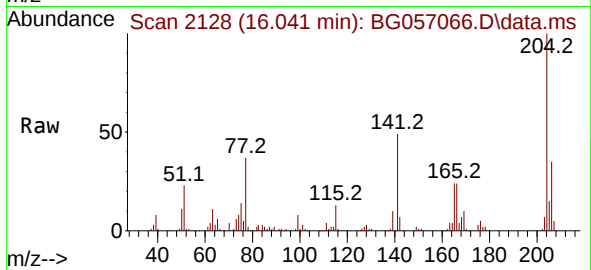




#61
4-Chlorophenyl-phenylether
Concen: 46.244 ng
RT: 16.041 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

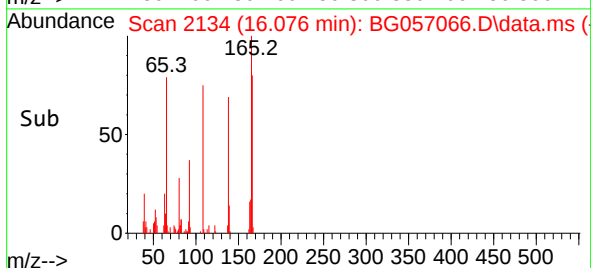
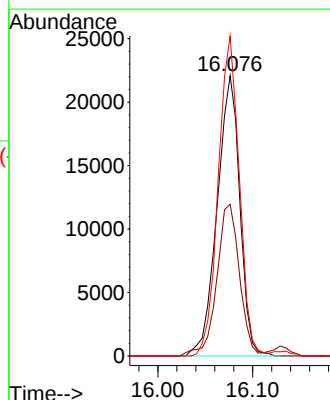
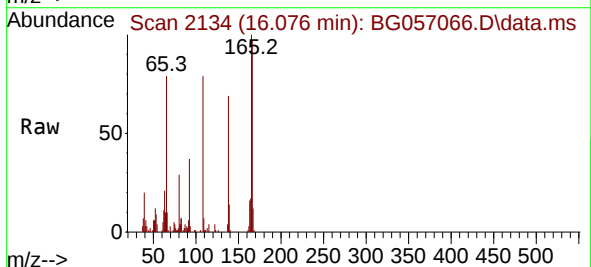
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

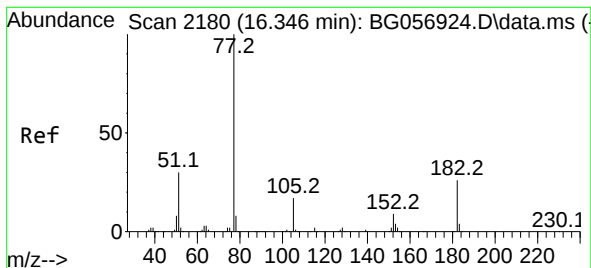
Tgt Ion:204 Resp: 91474
Ion Ratio Lower Upper
204 100
206 34.6 27.2 40.8
141 48.6 40.7 61.1



#62
4-Nitroaniline
Concen: 47.445 ng
RT: 16.076 min Scan# 2134
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:138 Resp: 36626
Ion Ratio Lower Upper
138 100
92 54.1 40.9 80.9
108 114.2 104.3 144.3





#63

Azobenzene

Concen: 49.173 ng

RT: 16.335 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

Tgt Ion: 77 Resp: 171159

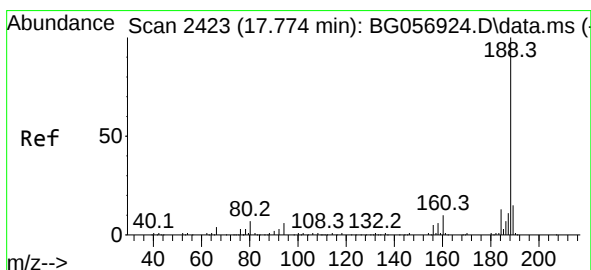
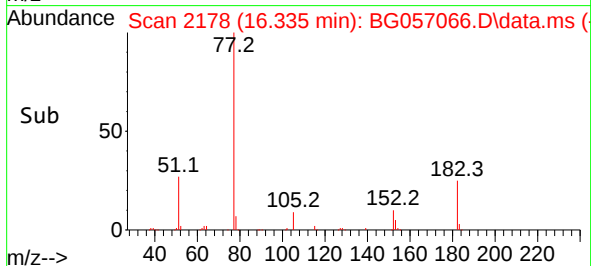
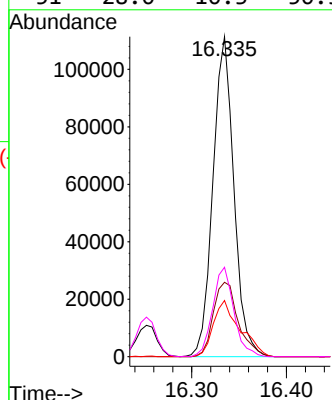
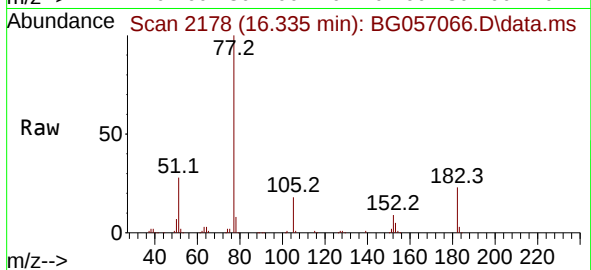
Ion Ratio Lower Upper

77 100

182 23.3 5.9 45.9

105 17.5 0.0 36.8

51 28.0 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.756 min Scan# 2420

Delta R.T. -0.007 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

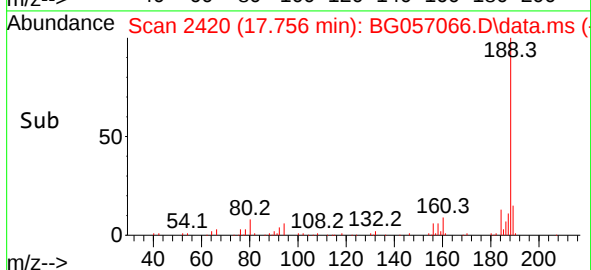
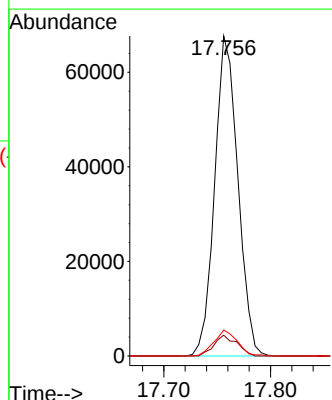
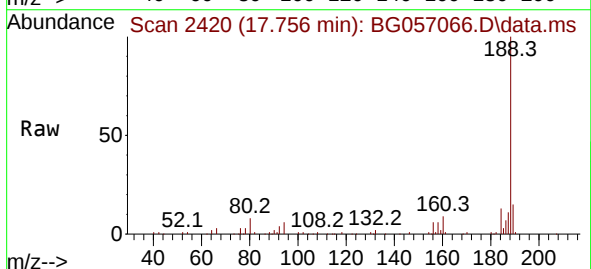
Tgt Ion:188 Resp: 102059

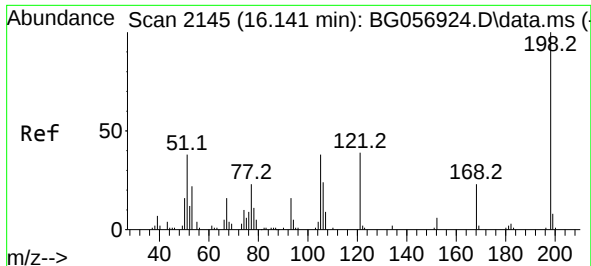
Ion Ratio Lower Upper

188 100

94 6.5 4.6 6.8

80 8.1 5.5 8.3

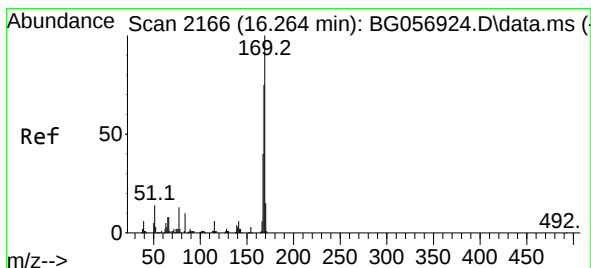
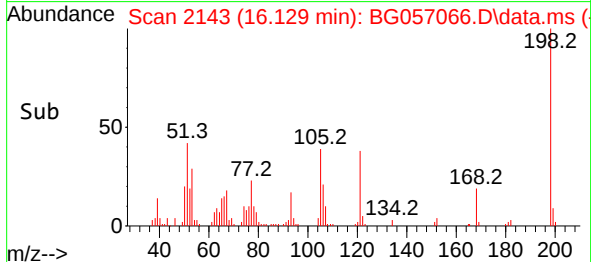
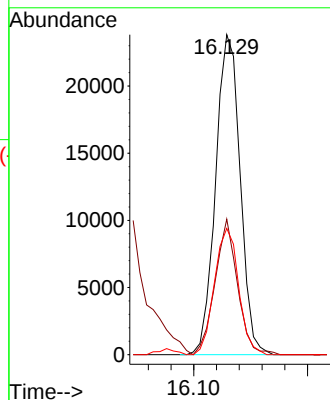
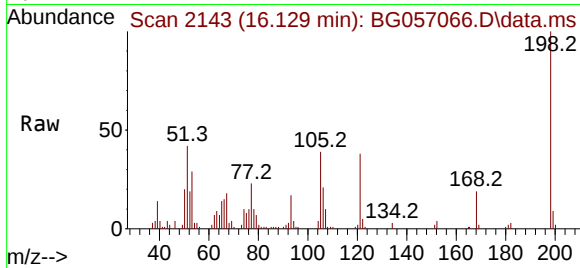




#65
4,6-Dinitro-2-methylphenol
Concen: 57.627 ng
RT: 16.129 min Scan# 2143
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

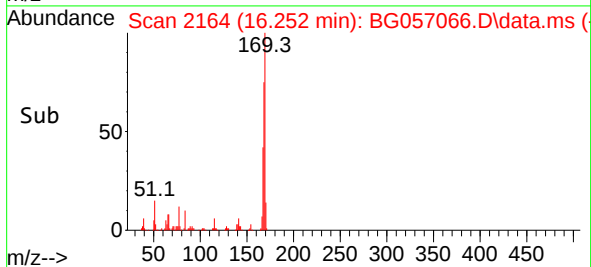
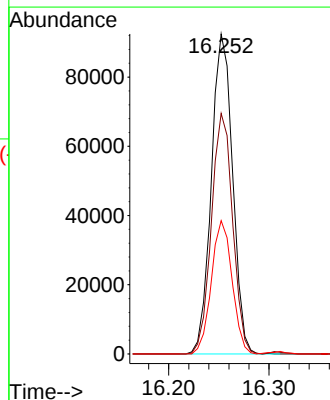
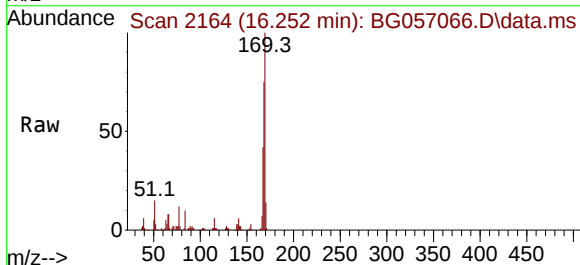
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

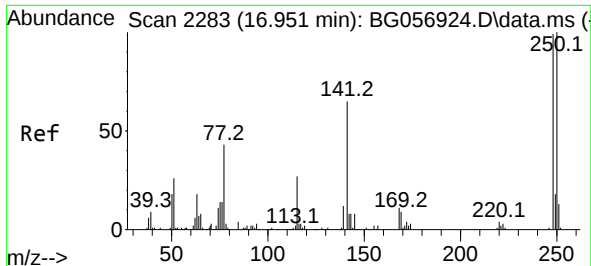
Tgt Ion:198 Resp: 35620
Ion Ratio Lower Upper
198 100
51 42.4 20.5 60.5
105 39.4 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 49.629 ng
RT: 16.252 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:169 Resp: 135970
Ion Ratio Lower Upper
169 100
168 75.1 59.6 89.4
167 41.7 31.8 47.8

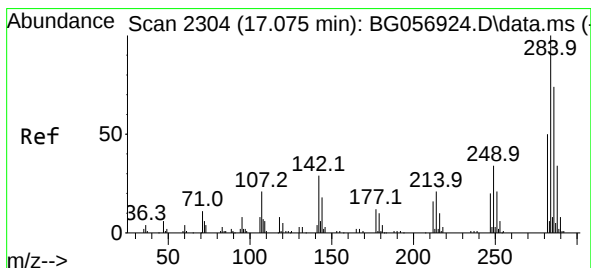
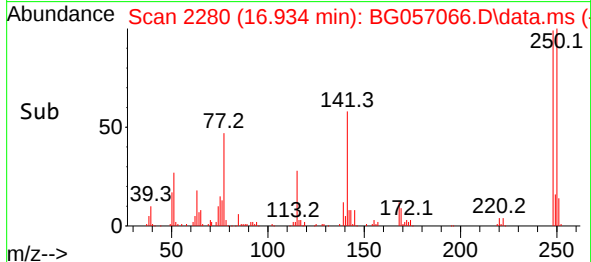
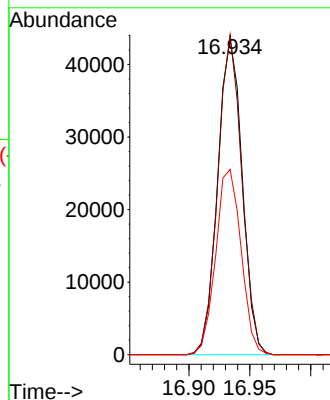
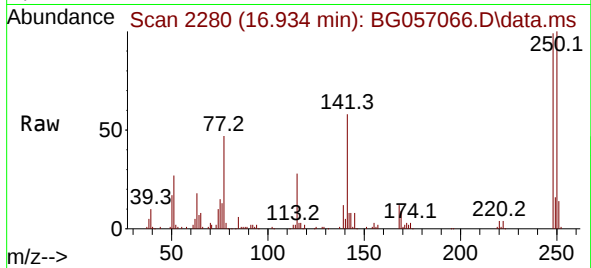




#67
4-Bromophenyl-phenylether
Concen: 48.363 ng
RT: 16.934 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

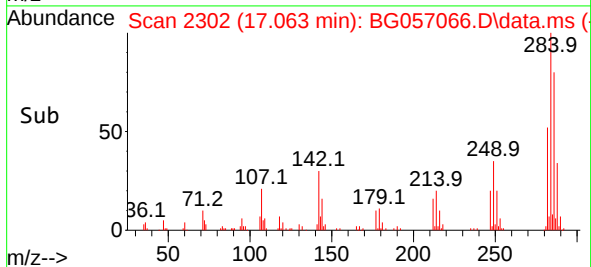
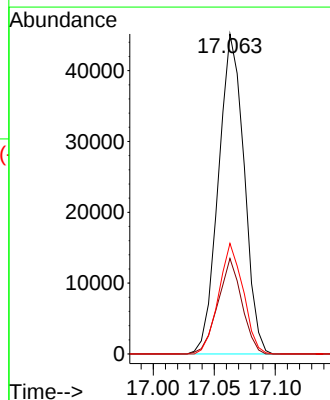
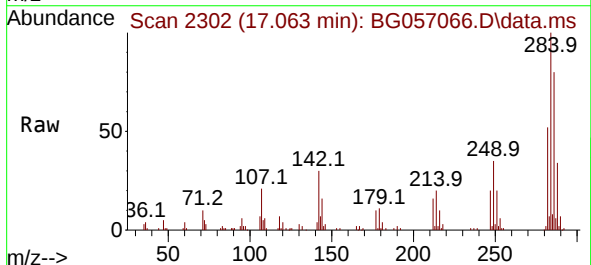
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

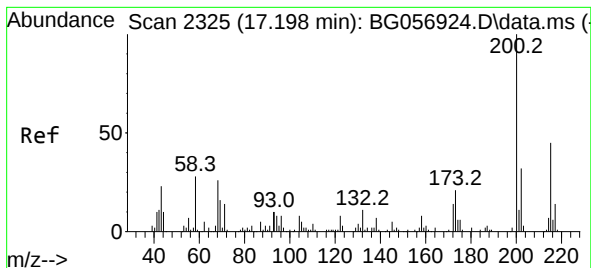
Tgt Ion:248 Resp: 61073
Ion Ratio Lower Upper
248 100
250 101.4 80.5 120.7
141 58.7 52.0 78.0



#68
Hexachlorobenzene
Concen: 52.971 ng
RT: 17.063 min Scan# 2302
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:284 Resp: 66133
Ion Ratio Lower Upper
284 100
142 29.9 23.0 34.4
249 34.6 27.1 40.7





#69

Atrazine

Concen: 52.972 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

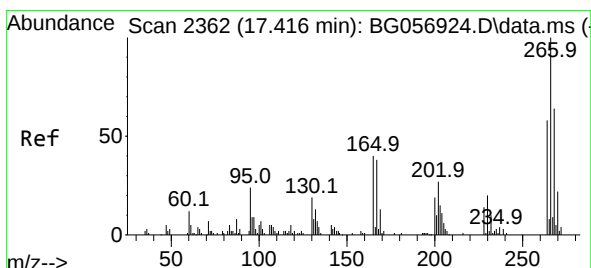
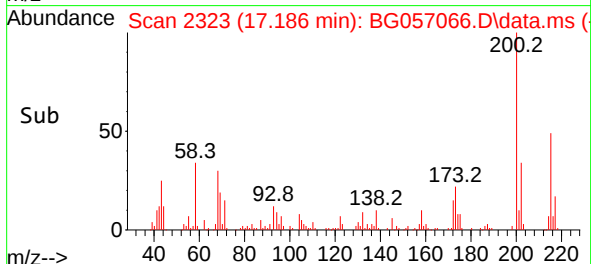
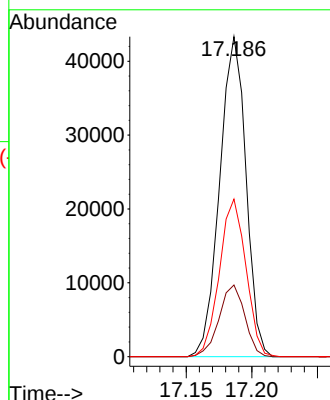
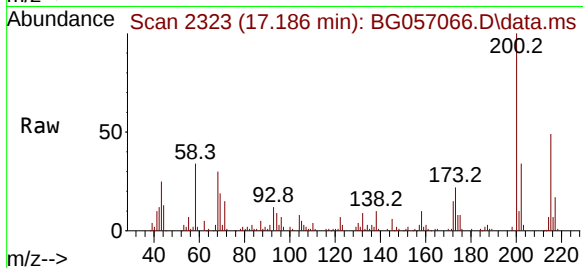
Tgt Ion:200 Resp: 60243

Ion Ratio Lower Upper

200 100

173 22.4 1.0 41.0

215 49.2 25.0 65.0



#70

Pentachlorophenol

Concen: 87.255 ng

RT: 17.404 min Scan# 2360

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

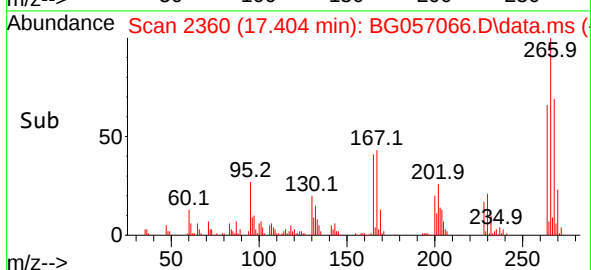
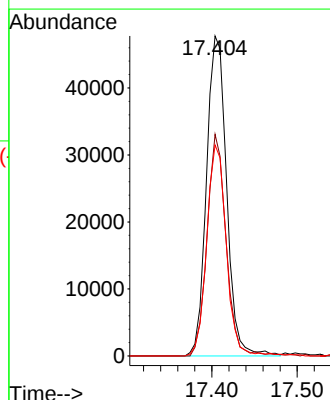
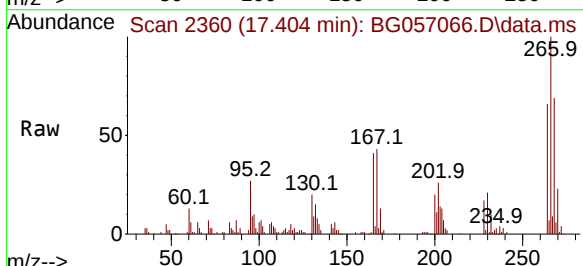
Tgt Ion:266 Resp: 78152

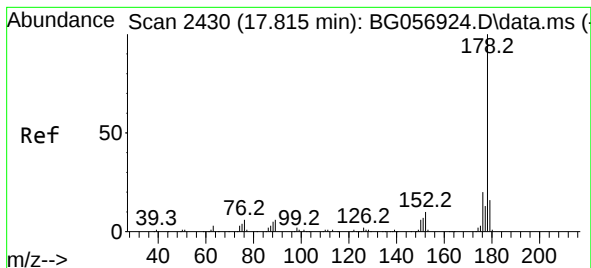
Ion Ratio Lower Upper

266 100

268 69.2 51.0 76.6

264 65.9 46.8 70.2





#71

Phenanthrene

Concen: 49.510 ng

RT: 17.803 min Scan# 2428

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

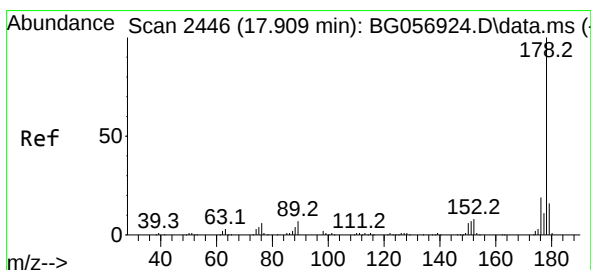
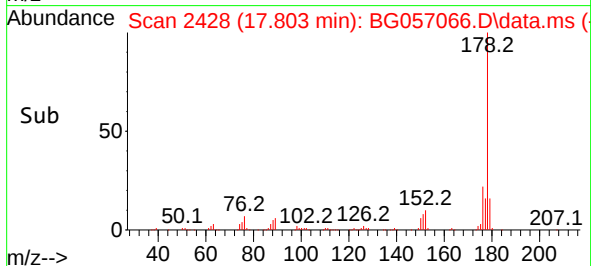
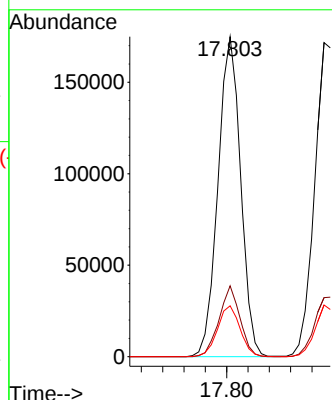
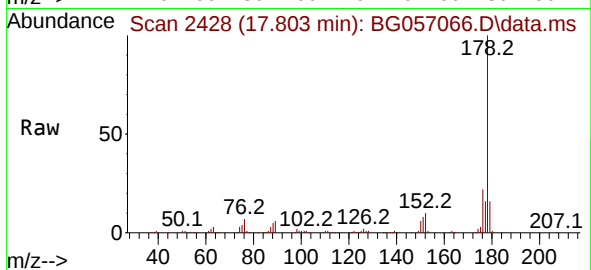
Tgt Ion:178 Resp: 257622

Ion Ratio Lower Upper

178 100

176 22.2 16.2 24.2

179 15.9 12.5 18.7



#72

Anthracene

Concen: 49.310 ng

RT: 17.891 min Scan# 2443

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

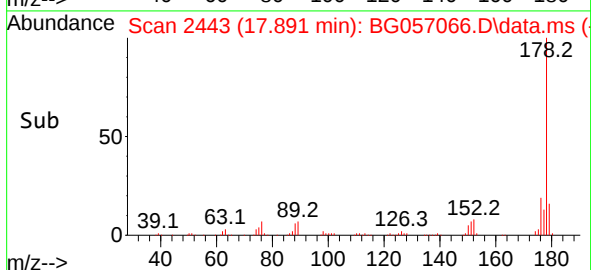
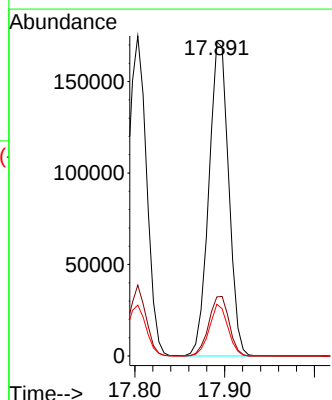
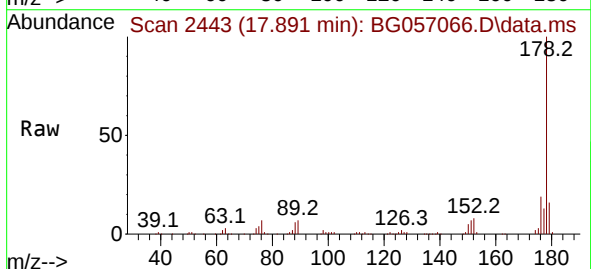
Tgt Ion:178 Resp: 263031

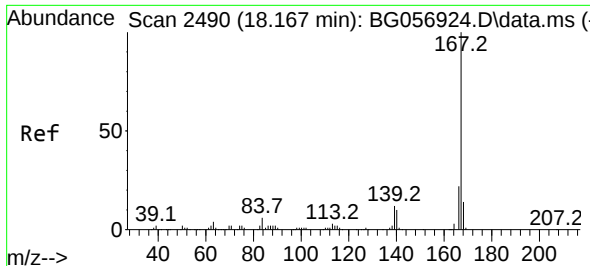
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 16.5 12.4 18.6

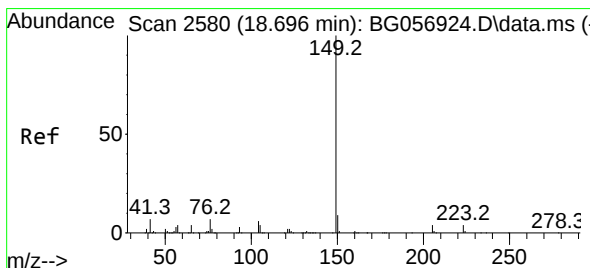
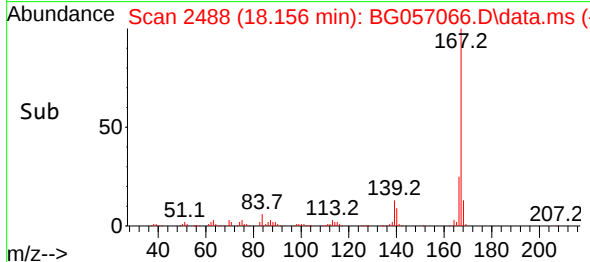
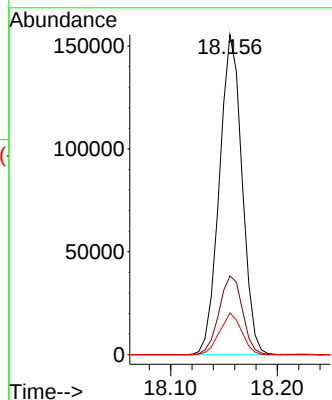
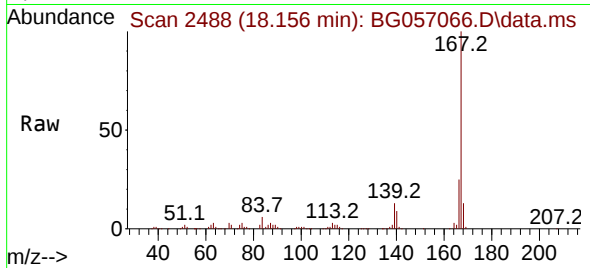




#73
 Carbazole
 Concen: 49.320 ng
 RT: 18.156 min Scan# 24
 Delta R.T. -0.001 min
 Lab File: BG057066.D
 Acq: 12 Apr 2023 16:25

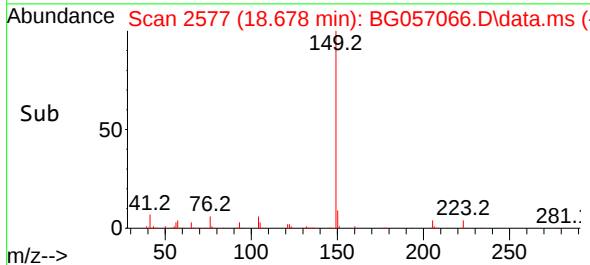
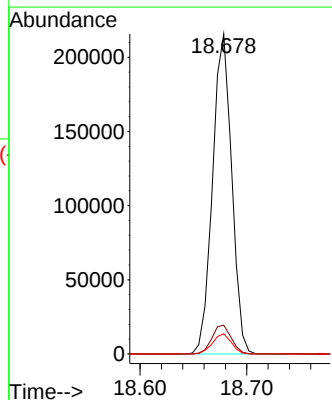
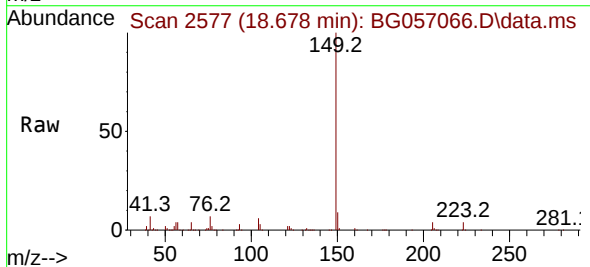
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MS

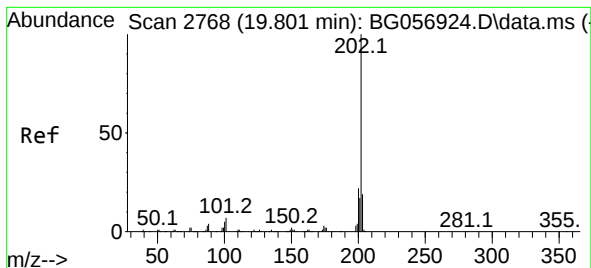
Tgt Ion:167 Resp: 229376
 Ion Ratio Lower Upper
 167 100
 166 24.6 17.9 26.9
 139 13.1 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 50.026 ng
 RT: 18.678 min Scan# 2577
 Delta R.T. -0.001 min
 Lab File: BG057066.D
 Acq: 12 Apr 2023 16:25

Tgt Ion:149 Resp: 269411
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 6.3 4.9 7.3





#75

Fluoranthene

Concen: 46.062 ng

RT: 19.789 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

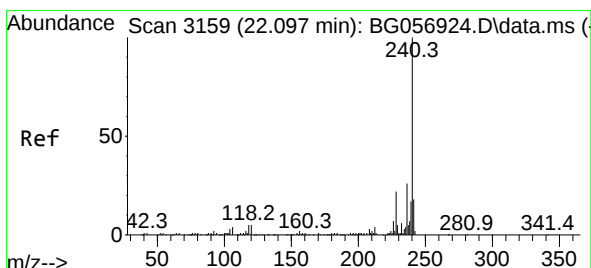
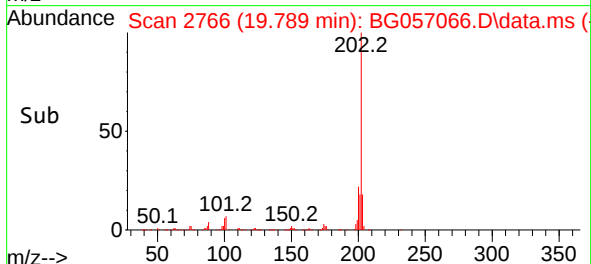
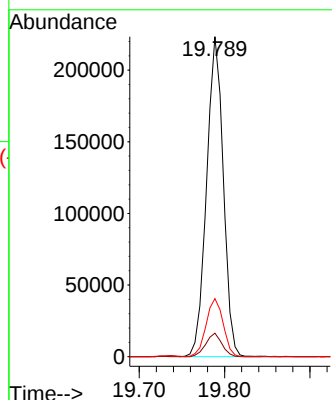
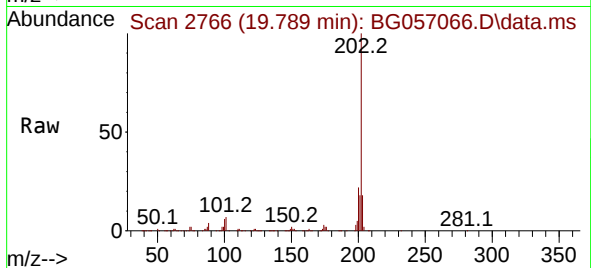
Tgt Ion:202 Resp: 303831

Ion Ratio Lower Upper

202 100

101 7.3 0.0 26.7

203 18.2 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.080 min Scan# 3156

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

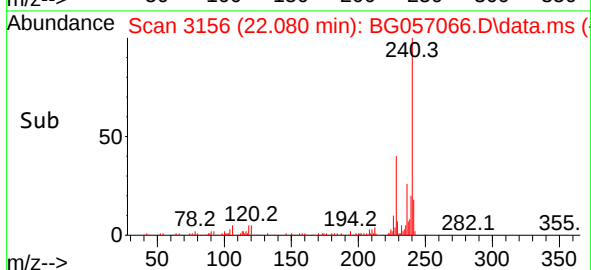
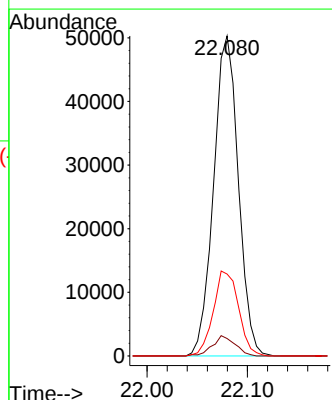
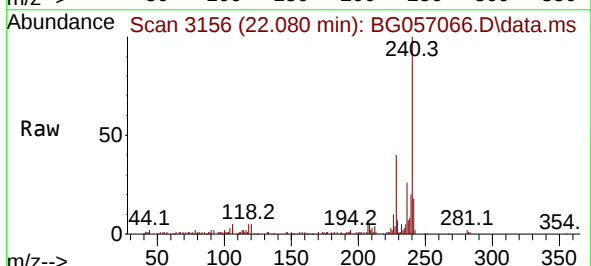
Tgt Ion:240 Resp: 86090

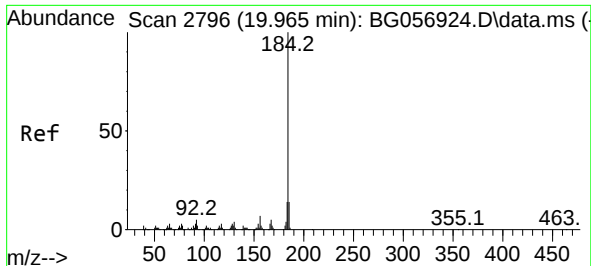
Ion Ratio Lower Upper

240 100

120 5.5 3.8 5.6

236 25.6 21.0 31.6

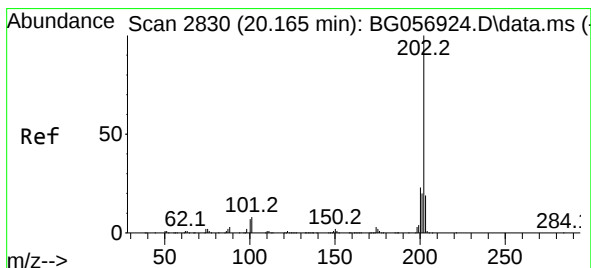
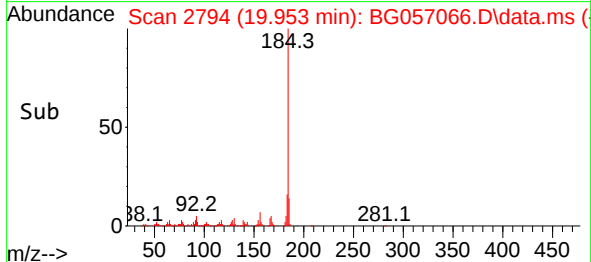
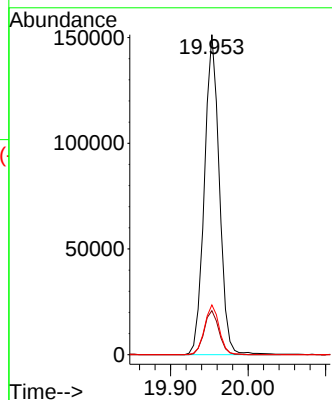
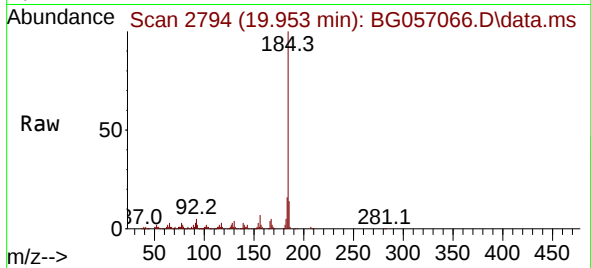




#77
Benzidine
Concen: 86.000 ng
RT: 19.953 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

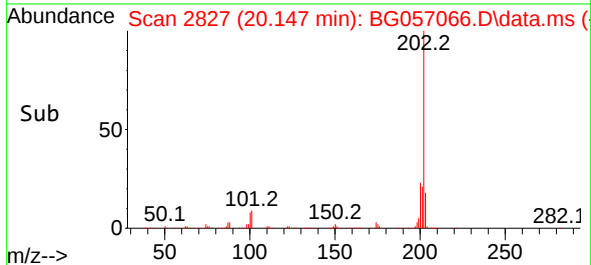
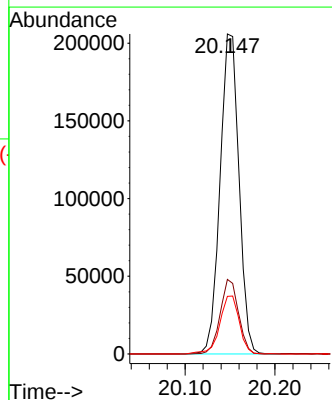
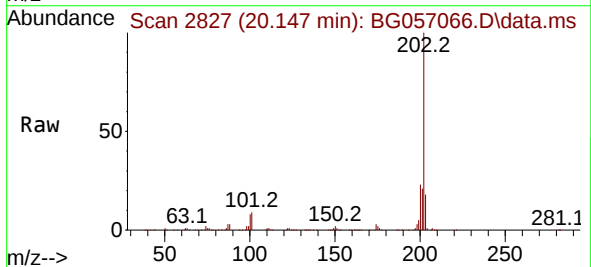
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

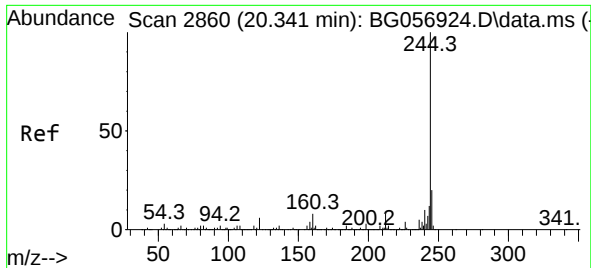
Tgt Ion:184 Resp: 202368
Ion Ratio Lower Upper
184 100
185 13.7 11.0 16.4
183 15.6 11.4 17.0



#78
Pyrene
Concen: 50.524 ng
RT: 20.147 min Scan# 2827
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:202 Resp: 300843
Ion Ratio Lower Upper
202 100
200 23.3 18.7 28.1
203 18.0 15.4 23.2

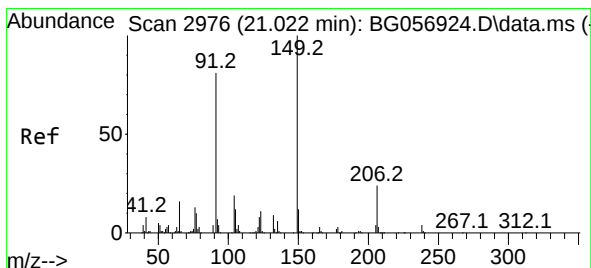
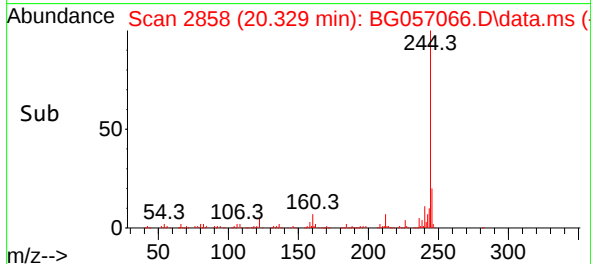
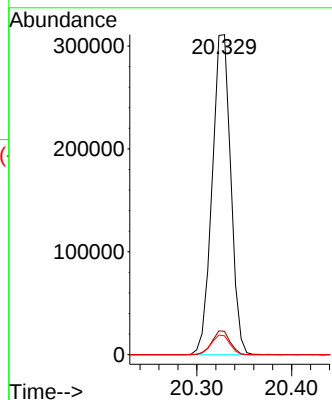
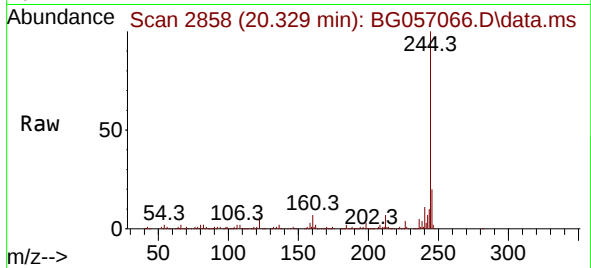




#79
 Terphenyl-d14
 Concen: 83.156 ng
 RT: 20.329 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG057066.D
 Acq: 12 Apr 2023 16:25

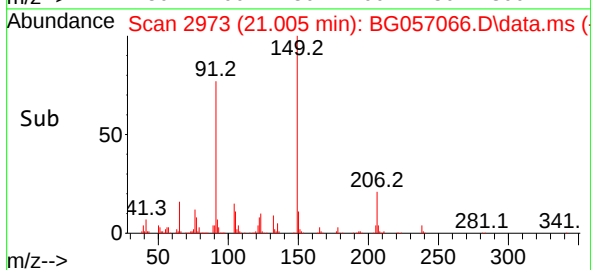
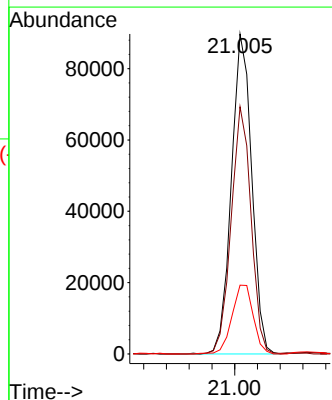
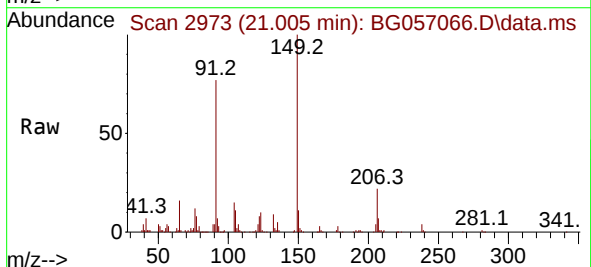
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MS

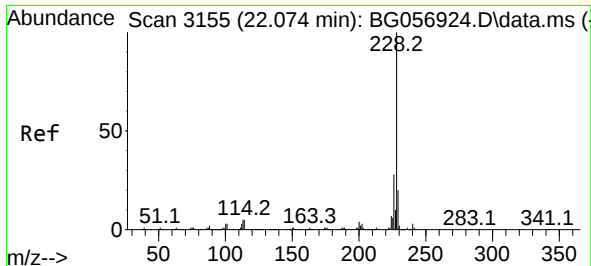
Tgt Ion:244 Resp: 423065
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.9 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 54.226 ng
 RT: 21.005 min Scan# 2973
 Delta R.T. -0.001 min
 Lab File: BG057066.D
 Acq: 12 Apr 2023 16:25

Tgt Ion:149 Resp: 111111
 Ion Ratio Lower Upper
 149 100
 91 77.3 64.4 96.6
 206 21.5 18.9 28.3

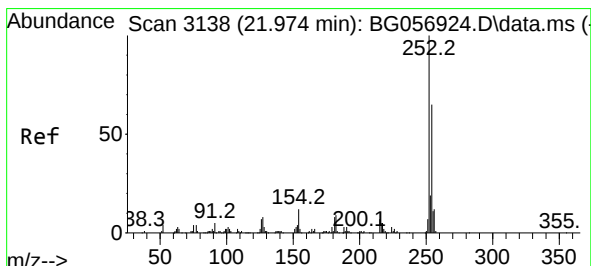
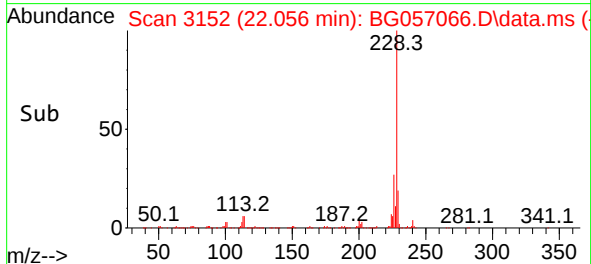
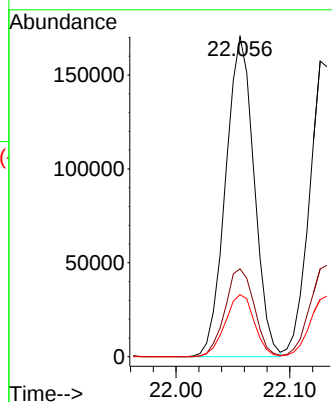
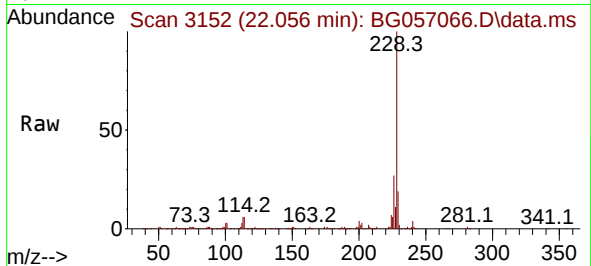




#81
Benzo(a)anthracene
Concen: 49.830 ng
RT: 22.056 min Scan# 3152
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

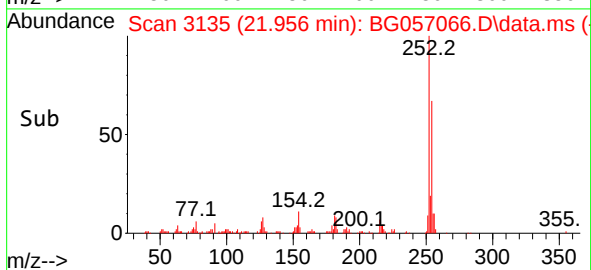
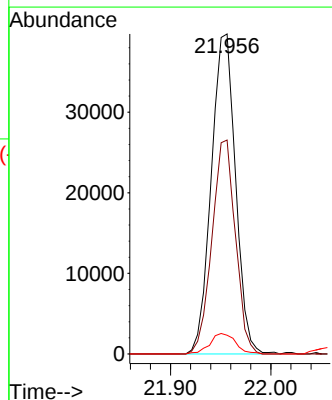
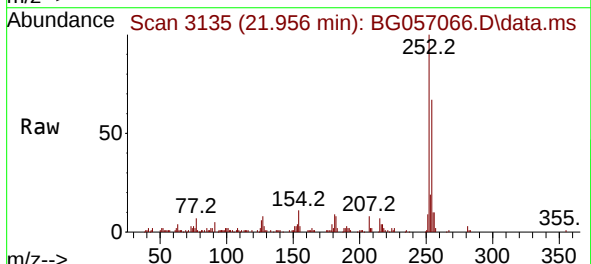
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

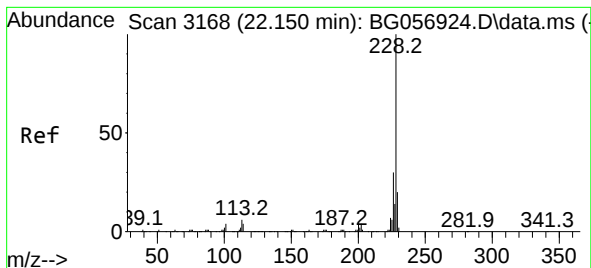
Tgt Ion:228 Resp: 296858
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.4 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 33.153 ng
RT: 21.956 min Scan# 3135
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:252 Resp: 66693
Ion Ratio Lower Upper
252 100
254 66.9 51.7 77.5
126 5.9 5.6 8.4





#83

Chrysene

Concen: 48.928 ng

RT: 22.127 min Scan# 3164

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

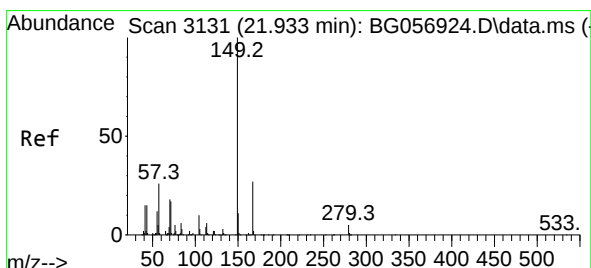
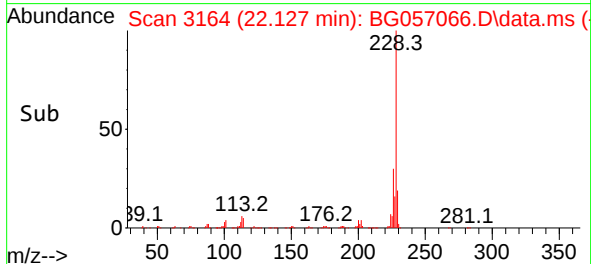
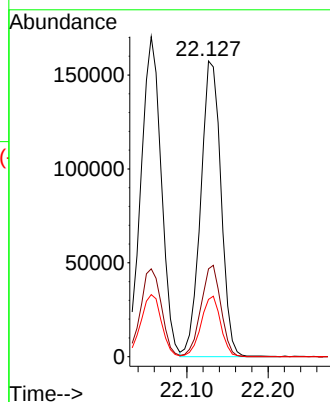
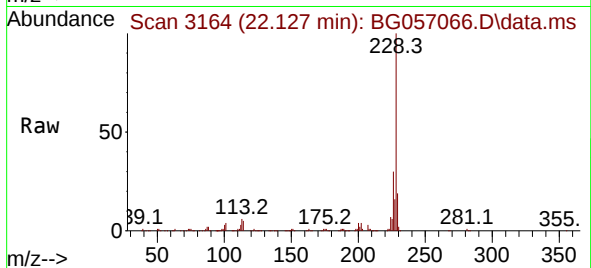
Tgt Ion:228 Resp: 272922

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.603 ng

RT: 21.909 min Scan# 3127

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

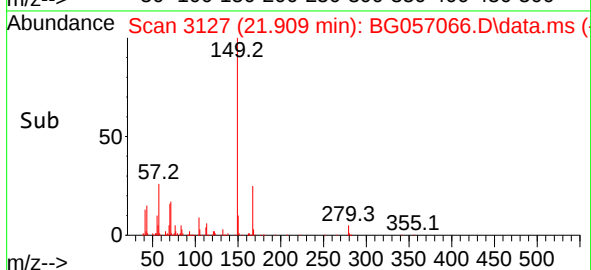
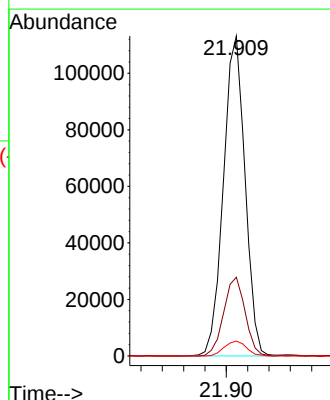
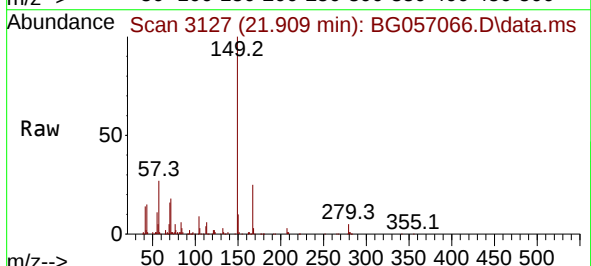
Tgt Ion:149 Resp: 159042

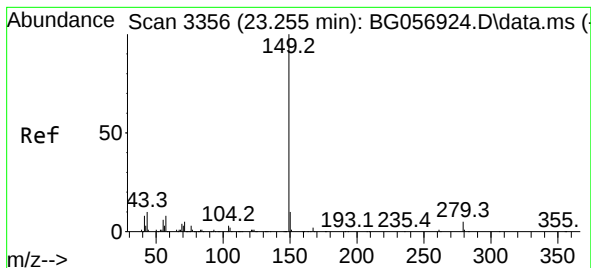
Ion Ratio Lower Upper

149 100

167 24.6 21.4 32.2

279 4.7 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 53.369 ng

RT: 23.219 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

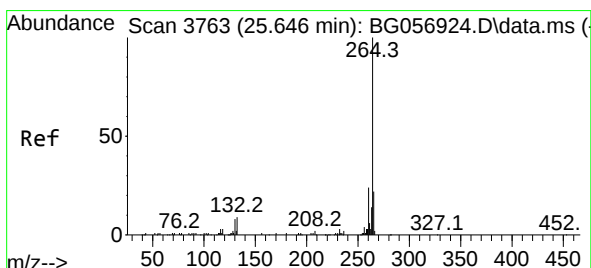
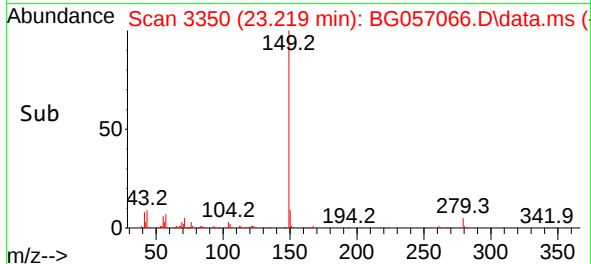
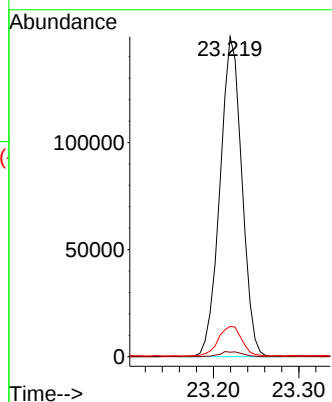
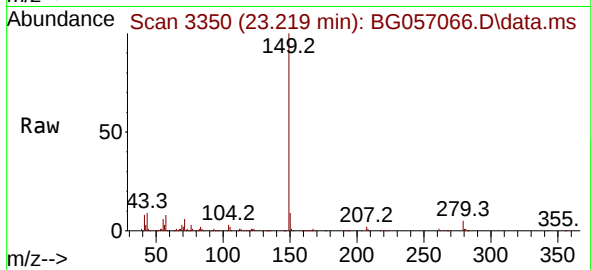
Tgt Ion:149 Resp: 266847

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.0 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.610 min Scan# 3757

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

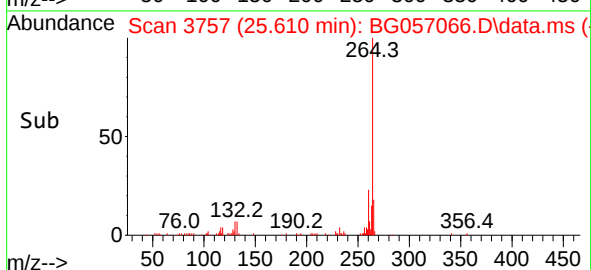
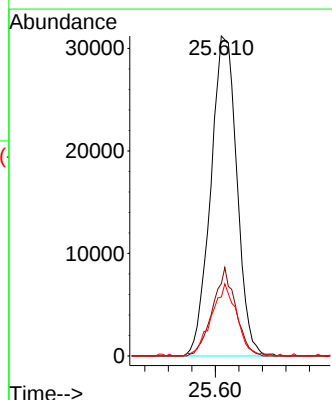
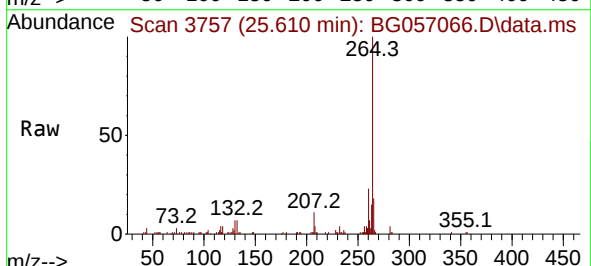
Tgt Ion:264 Resp: 96334

Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.4

265 18.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.738 ng

RT: 29.705 min Scan# 44

Delta R.T. -0.007 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

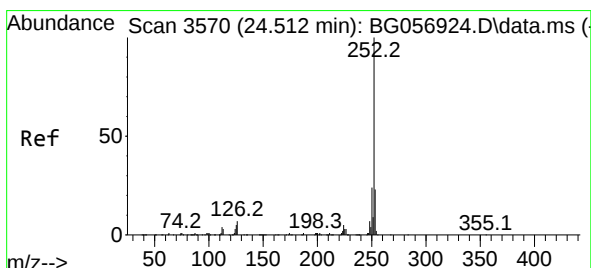
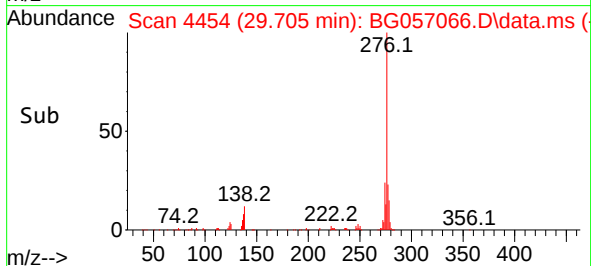
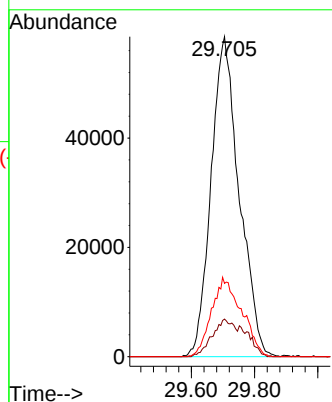
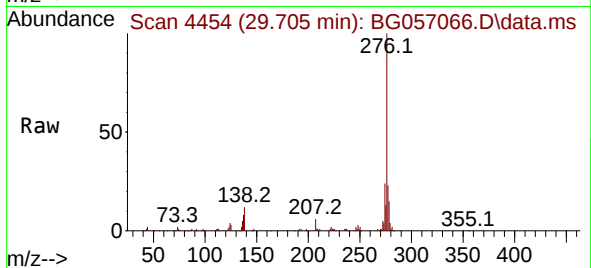
Tgt Ion:276 Resp: 361231

Ion Ratio Lower Upper

276 100

138 9.4 7.7 11.5

277 26.4 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 51.293 ng

RT: 24.482 min Scan# 3565

Delta R.T. -0.001 min

Lab File: BG057066.D

Acq: 12 Apr 2023 16:25

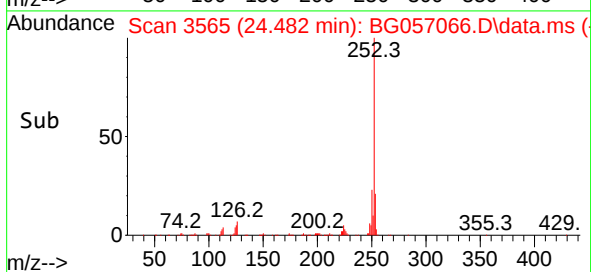
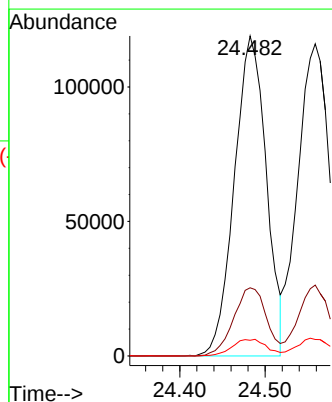
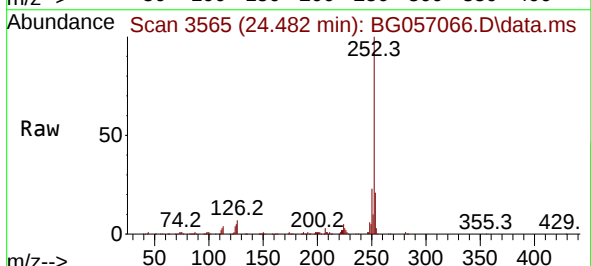
Tgt Ion:252 Resp: 308993

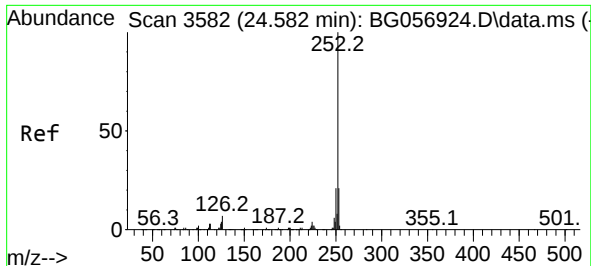
Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

125 4.9 4.2 6.4

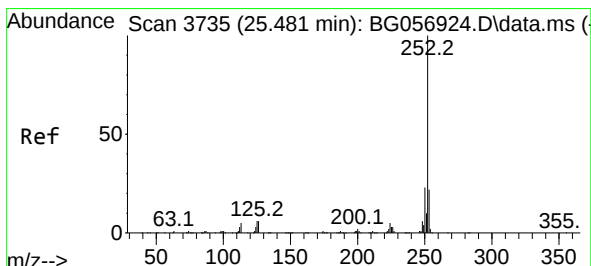
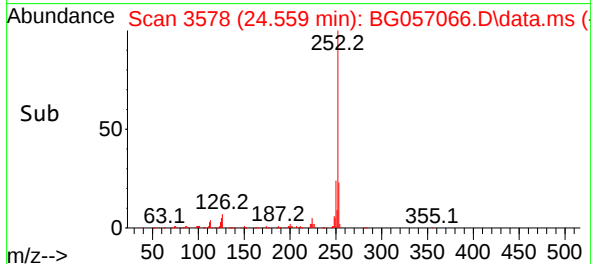
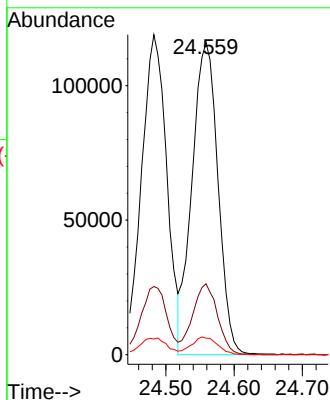
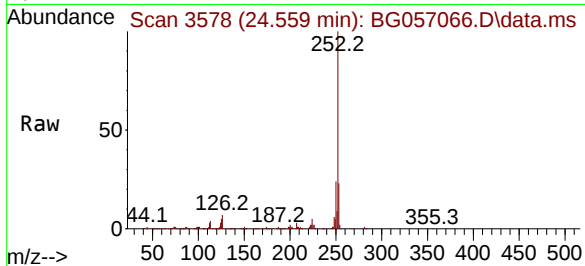




#89
Benzo(k)fluoranthene
Concen: 51.002 ng
RT: 24.559 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

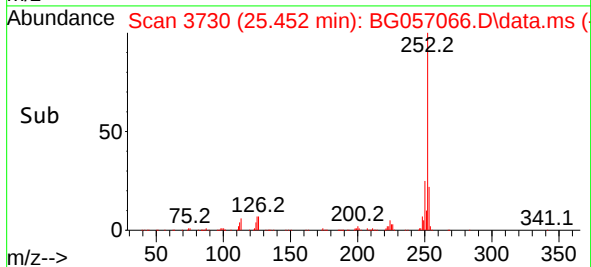
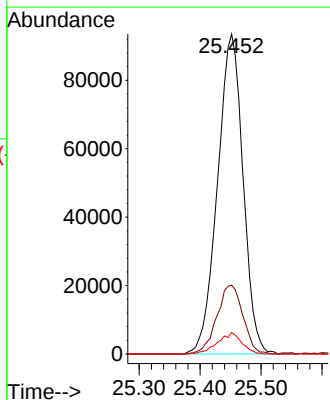
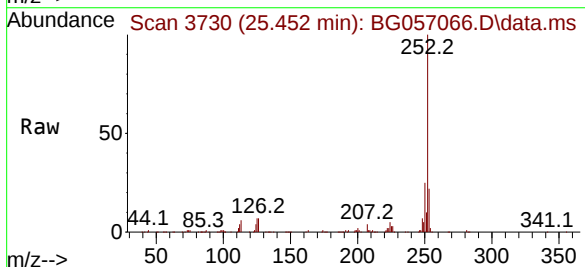
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

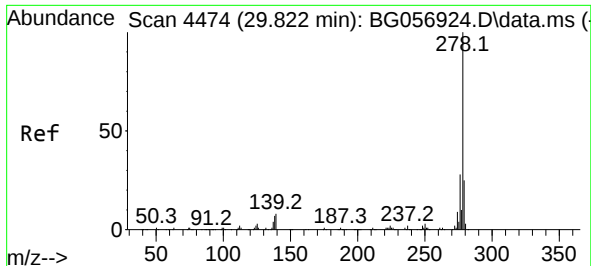
Tgt Ion:252 Resp: 306726
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 5.3 3.8 5.6



#90
Benzo(a)pyrene
Concen: 45.897 ng
RT: 25.452 min Scan# 3730
Delta R.T. -0.001 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:252 Resp: 271695
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 6.7 4.5 6.7

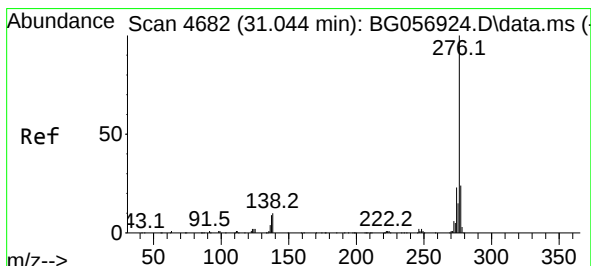
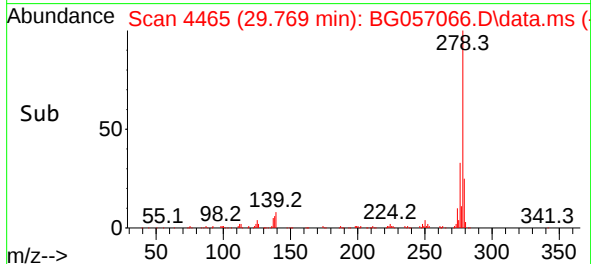
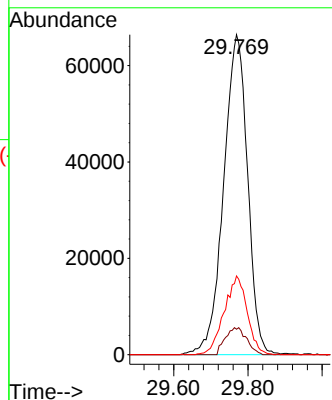
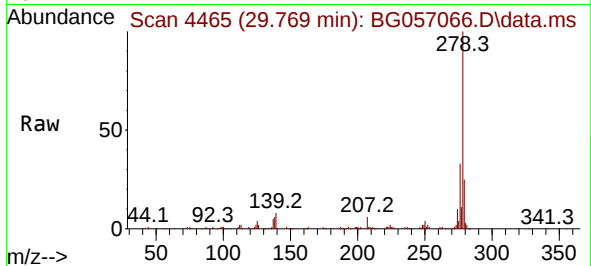




#91
Dibenzo(a,h)anthracene
Concen: 50.892 ng
RT: 29.769 min Scan# 4474
Delta R.T. 0.005 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

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

Tgt Ion:278 Resp: 297829
Ion Ratio Lower Upper
278 100
139 7.9 6.4 9.6
279 24.6 20.2 30.2



#92
Benzo(g,h,i)perylene
Concen: 49.911 ng
RT: 30.985 min Scan# 4672
Delta R.T. -0.007 min
Lab File: BG057066.D
Acq: 12 Apr 2023 16:25

Tgt Ion:276 Resp: 286008
Ion Ratio Lower Upper
276 100
277 22.7 19.1 28.7
138 10.2 8.2 12.2

