

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056521.D
 Acq On : 2 Feb 2023 19:34
 Operator : CG/JU
 Sample : 01348-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E-H5(31.5-33.5)MS

Quant Time: Feb 03 05:58:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	31849	20.000	ng	0.00
21) Naphthalene-d8	11.111	136	117607	20.000	ng	0.00
39) Acenaphthene-d10	14.895	164	98648	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	257114	20.000	ng	0.00
76) Chrysene-d12	21.928	240	255897	20.000	ng	0.00
86) Perylene-d12	25.347	264	288878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	199585	115.279	ng	0.00
7) Phenol-d6	7.421	99	282802	110.244	ng	0.00
23) Nitrobenzene-d5	9.448	82	148618	71.758	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	106317	81.067	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	498862	70.111	ng	0.00
79) Terphenyl-d14	20.206	244	1074514	73.750	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.596	88	31377	43.524	ng	97
3) Pyridine	4.014	79	80977	37.682	ng	96
4) n-Nitrosodimethylamine	3.926	42	19159	41.923	ng	93
6) Aniline	7.586	93	48284	14.376	ng	94
8) 2-Chlorophenol	7.833	128	91477	48.097	ng	100
9) Benzaldehyde	7.398	77	55605	52.581	ng	93
10) Phenol	7.451	94	129067	49.503	ng	97
11) bis(2-Chloroethyl)ether	7.680	93	79878	44.572	ng	94
12) 1,3-Dichlorobenzene	8.162	146	104048	47.514	ng	95
13) 1,4-Dichlorobenzene	8.314	146	104634	47.182	ng	99
14) 1,2-Dichlorobenzene	8.638	146	103284	48.002	ng	99
15) Benzyl Alcohol	8.508	79	80705	45.854	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.802	45	16343	43.040	ng	97
17) 2-Methylphenol	8.714	107	89253	44.998	ng	98
18) Hexachloroethane	9.372	117	31718	47.287	ng	92
19) n-Nitroso-di-n-propyla...	9.078	70	60494	40.921	ng	93
20) 3+4-Methylphenols	9.043	107	122115	43.931	ng	98
22) Acetophenone	9.102	105	141452	45.267	ng	# 100
24) Nitrobenzene	9.495	77	94992	47.550	ng	93
25) Isophorone	10.012	82	185210	43.347	ng	96
26) 2-Nitrophenol	10.212	139	56497	46.611	ng	99
27) 2,4-Dimethylphenol	10.259	122	91371	45.044	ng	94
28) bis(2-Chloroethoxy)met...	10.488	93	110529	46.827	ng	98
29) 2,4-Dichlorophenol	10.753	162	114125	49.982	ng	97
30) 1,2,4-Trichlorobenzene	10.964	180	122636	48.332	ng	97
31) Naphthalene	11.158	128	280781	45.234	ng	98
32) Benzoic acid	10.400	122	42425	37.382	ng	100
33) 4-Chloroaniline	11.264	127	37182	12.832	ng	# 94
34) Hexachlorobutadiene	11.434	225	87152	48.933	ng	98
35) Caprolactam	12.028	113	22165	28.783	ng	97
36) 4-Chloro-3-methylphenol	12.363	107	107421	48.715	ng	93
37) 2-Methylnaphthalene	12.745	142	222640	43.506	ng	97
38) 1-Methylnaphthalene	12.962	142	206470	43.201	ng	98
40) 1,2,4,5-Tetrachloroben...	13.103	216	166612	46.230	ng	99
41) Hexachlorocyclopentadiene	13.079	237	174419	90.397	ng	98
43) 2,4,6-Trichlorophenol	13.344	196	109086	46.970	ng	99

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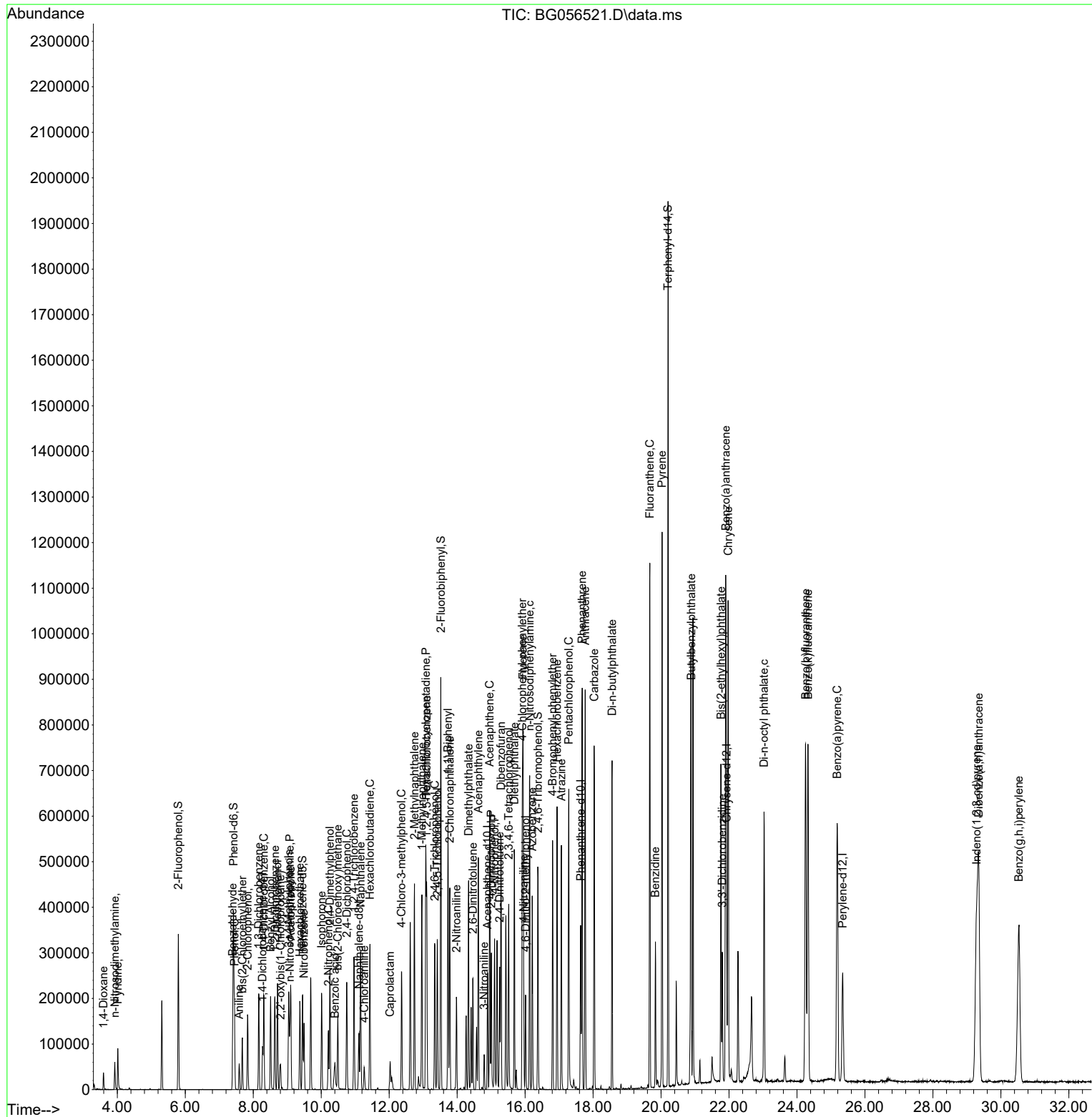
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.420	196	120959	44.484	ng	99
46) 1,1'-Biphenyl	13.732	154	325672	45.516	ng	97
47) 2-Chloronaphthalene	13.785	162	262112	46.866	ng	98
48) 2-Nitroaniline	13.978	65	51685	44.704	ng	92
49) Acenaphthylene	14.625	152	406411	44.664	ng	100
50) Dimethylphthalate	14.337	163	347662	43.562	ng	99
51) 2,6-Dinitrotoluene	14.466	165	77085	44.290	ng	98
52) Acenaphthene	14.960	154	241664	44.786	ng	99
53) 3-Nitroaniline	14.795	138	26618	15.775	ng #	98
54) 2,4-Dinitrophenol	15.007	184	109559	100.410	ng	98
55) Dibenzofuran	15.289	168	432687	44.713	ng	100
56) 4-Nitrophenol	15.101	139	115528	100.203	ng	97
57) 2,4-Dinitrotoluene	15.253	165	110568	45.101	ng	97
58) Fluorene	15.941	166	349488	45.387	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.518	232	113957	47.134	ng	99
60) Diethylphthalate	15.682	149	330211	44.062	ng	98
61) 4-Chlorophenyl-phenyle...	15.917	204	214618	45.677	ng	99
62) 4-Nitroaniline	15.958	138	70457	41.731	ng	94
63) Azobenzene	16.211	77	240056	46.553	ng	99
65) 4,6-Dinitro-2-methylph...	16.017	198	80211	44.373	ng	97
66) n-Nitrosodiphenylamine	16.135	169	322122	44.250	ng	99
67) 4-Bromophenyl-phenylether	16.810	248	147623	44.850	ng	98
68) Hexachlorobenzene	16.940	284	150161	46.579	ng	98
69) Atrazine	17.069	200	141757	50.476	ng	98
70) Pentachlorophenol	17.286	266	160985	82.528	ng	99
71) Phenanthrene	17.680	178	614873	45.692	ng	98
72) Anthracene	17.768	178	630997	45.679	ng	100
73) Carbazole	18.032	167	553013	47.004	ng	100
74) Di-n-butylphthalate	18.561	149	570414	46.175	ng	99
75) Fluoranthene	19.672	202	791859	46.623	ng	100
77) Benzidine	19.836	184	207554	29.972	ng	98
78) Pyrene	20.030	202	806801	44.330	ng	99
80) Butylbenzylphthalate	20.888	149	240723	43.309	ng	95
81) Benzo(a)anthracene	21.904	228	815583	45.589	ng	99
82) 3,3'-Dichlorobenzidine	21.805	252	122046	18.944	ng	99
83) Chrysene	21.975	228	754957	44.918	ng	99
84) Bis(2-ethylhexyl)phtha...	21.763	149	358029	44.927	ng	98
85) Di-n-octyl phthalate	23.033	149	614944	46.336	ng	100
87) Indeno(1,2,3-cd)pyrene	29.284	276	989351	46.786	ng #	96
88) Benzo(b)fluoranthene	24.255	252	871648	48.613	ng	100
89) Benzo(k)fluoranthene	24.325	252	833113	46.020	ng	99
90) Benzo(a)pyrene	25.183	252	762944	43.196	ng	98
91) Dibenzo(a,h)anthracene	29.349	278	818487	46.112	ng	99
92) Benzo(g,h,i)perylene	30.530	276	800022	46.711	ng	99

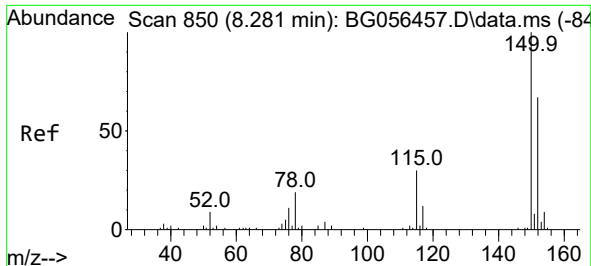
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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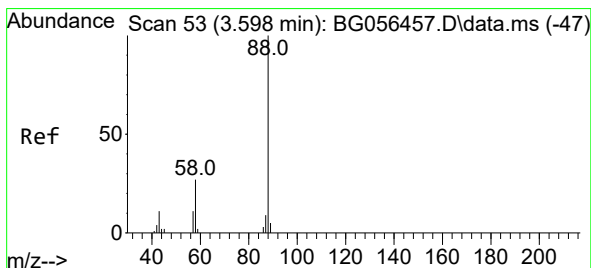
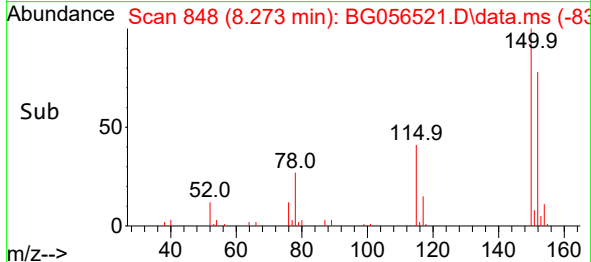
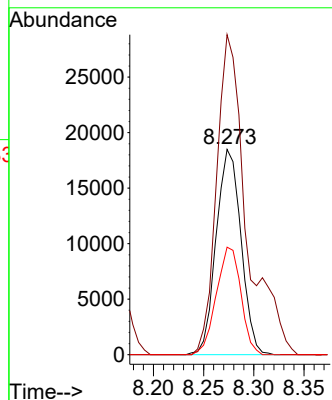
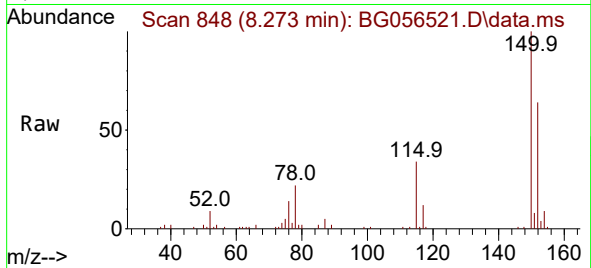




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.273 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: BG056521.D
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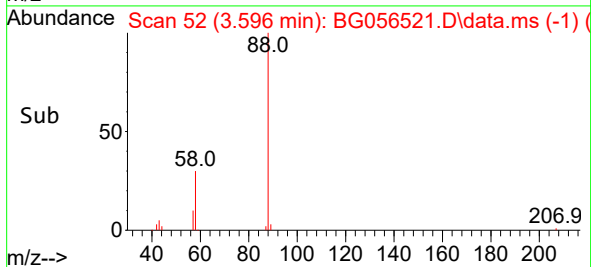
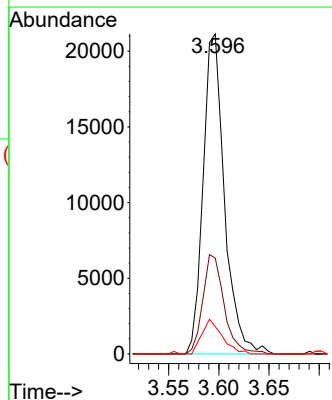
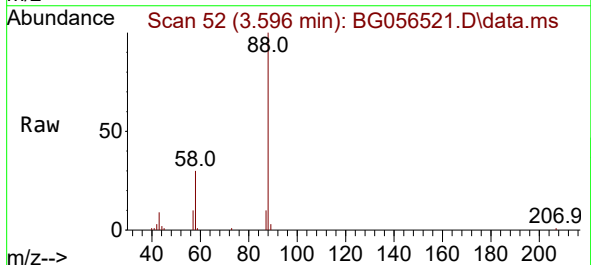
Instrument :
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 ClientSampleId :
 E-H5(31.5-33.5)MS

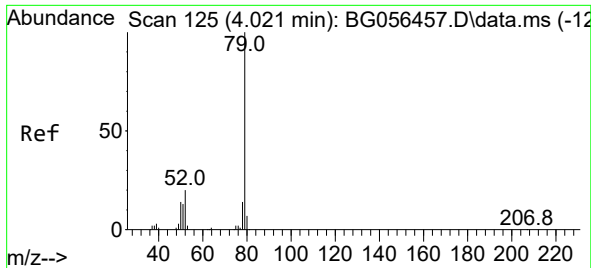
Tgt Ion:152 Resp: 31849
 Ion Ratio Lower Upper
 152 100
 150 155.8 120.2 180.4
 115 52.4 36.3 54.5



#2
 1,4-Dioxane
 Concen: 43.524 ng
 RT: 3.596 min Scan# 52
 Delta R.T. -0.002 min
 Lab File: BG056521.D
 Acq: 2 Feb 2023 19:34

Tgt Ion: 88 Resp: 31377
 Ion Ratio Lower Upper
 88 100
 58 31.0 23.0 34.4
 43 10.3 8.0 12.0

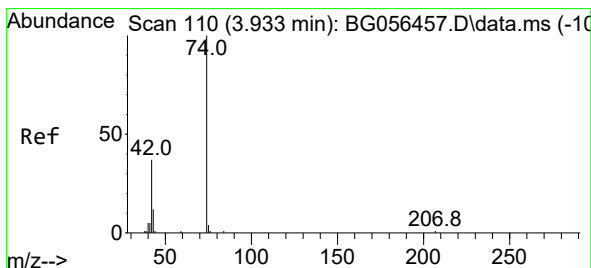
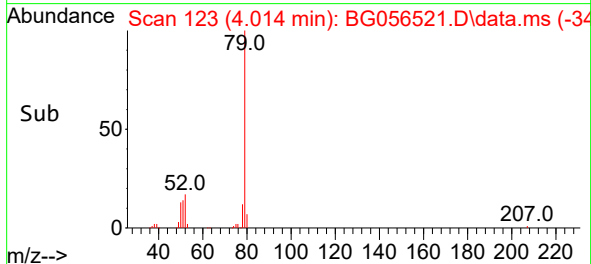
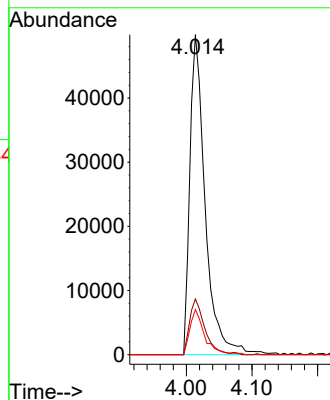
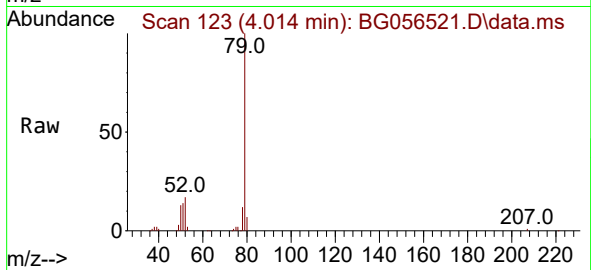




#3
Pyridine
Concen: 37.682 ng
RT: 4.014 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

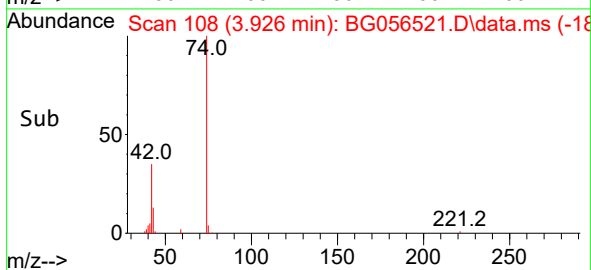
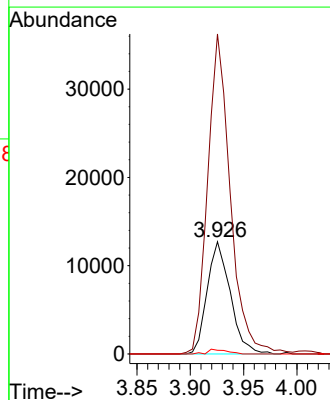
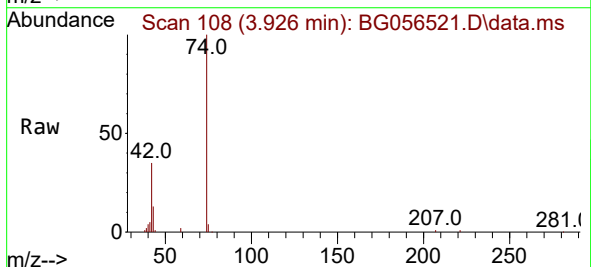
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E-H5(31.5-33.5)MS

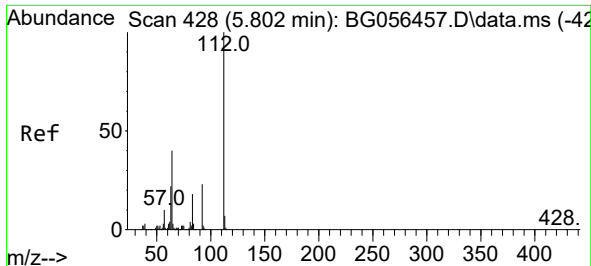
Tgt Ion: 79 Resp: 80977
Ion Ratio Lower Upper
79 100
52 17.4 16.1 24.1
51 14.1 10.7 16.1



#4
n-Nitrosodimethylamine
Concen: 41.923 ng
RT: 3.926 min Scan# 108
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion: 42 Resp: 19159
Ion Ratio Lower Upper
42 100
74 285.4 217.9 326.9
44 3.2 3.0 4.6

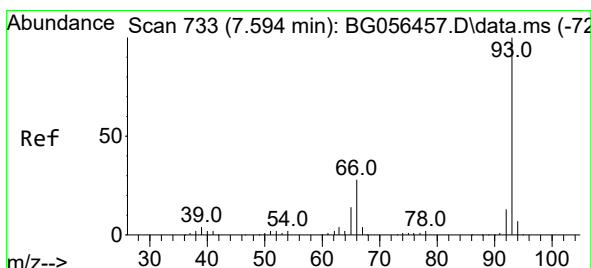
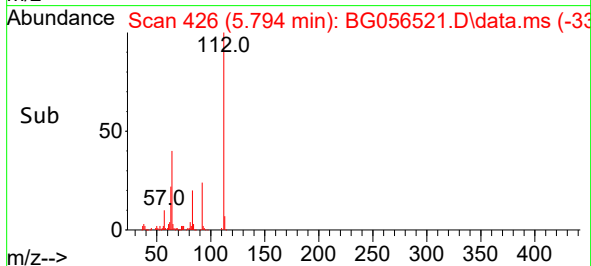
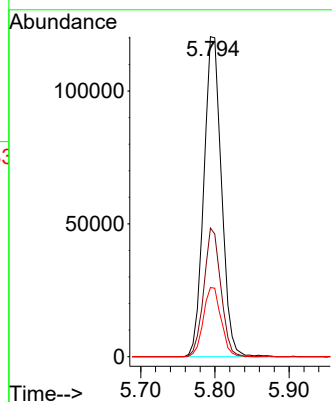
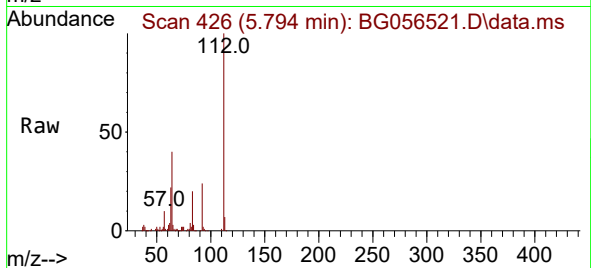




#5
2-Fluorophenol
Concen: 115.279 ng
RT: 5.794 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

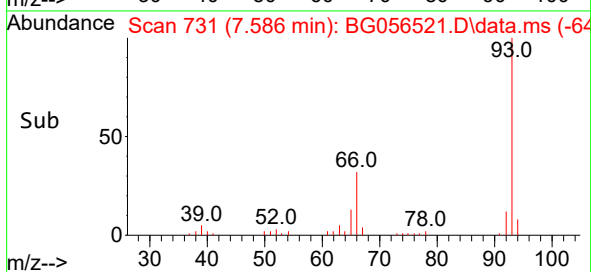
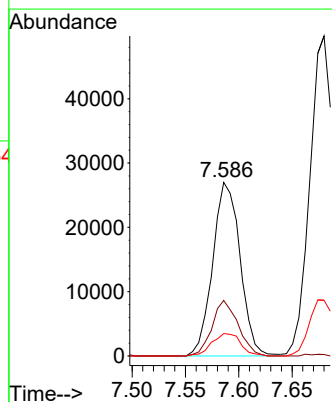
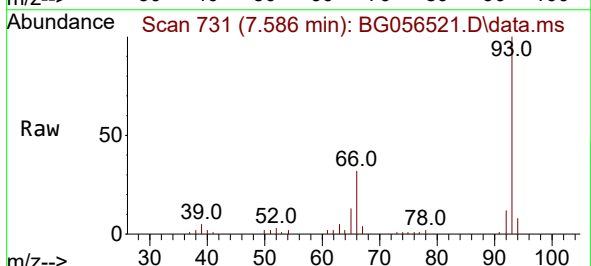
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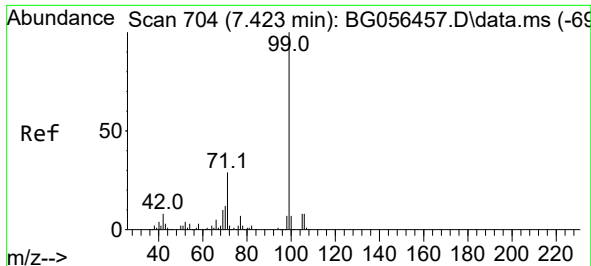
Tgt Ion:112 Resp: 199585
Ion Ratio Lower Upper
112 100
64 40.2 31.9 47.9
63 21.6 17.4 26.0



#6
Aniline
Concen: 14.376 ng
RT: 7.586 min Scan# 731
Delta R.T. -0.002 min
Lab File: BG056521.D
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Tgt Ion: 93 Resp: 48284
Ion Ratio Lower Upper
93 100
66 31.9 22.2 33.2
65 12.9 11.3 16.9

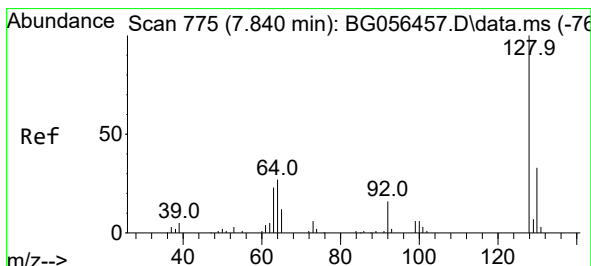
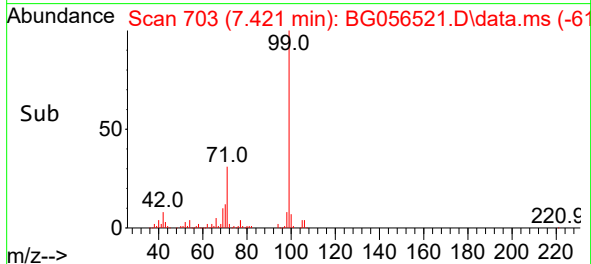
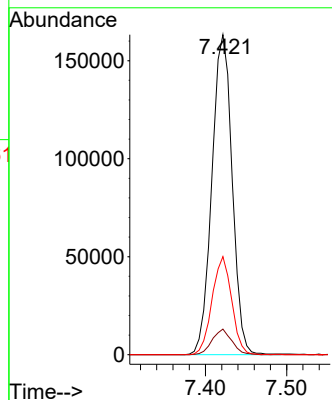
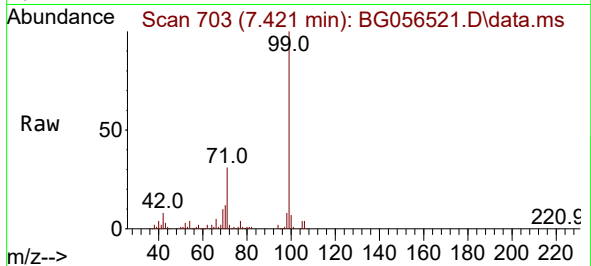




#7
Phenol-d6
Concen: 110.244 ng
RT: 7.421 min Scan# 704
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

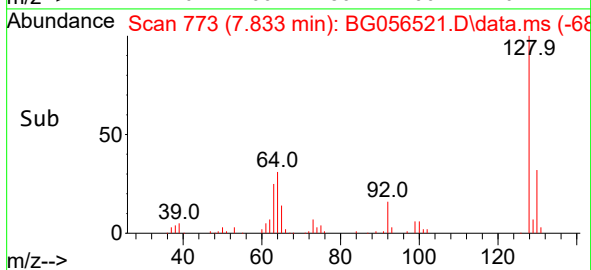
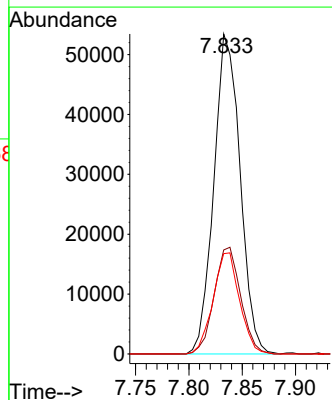
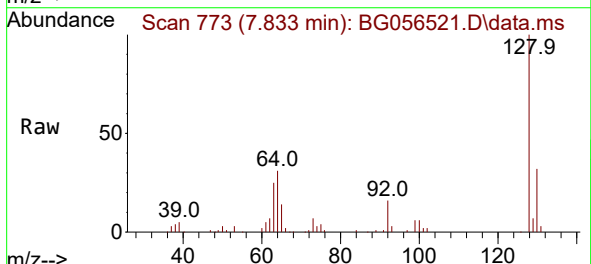
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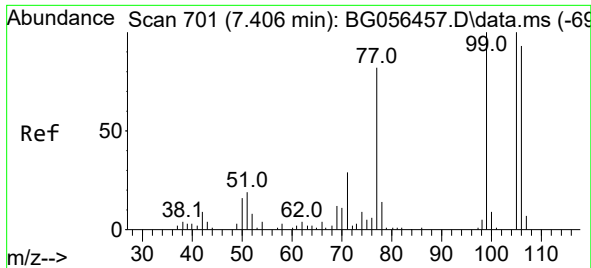
Tgt Ion: 99 Resp: 282802
Ion Ratio Lower Upper
99 100
42 8.0 6.6 10.0
71 30.6 23.4 35.0



#8
2-Chlorophenol
Concen: 48.097 ng
RT: 7.833 min Scan# 773
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:128 Resp: 91477
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 31.3 11.3 51.3

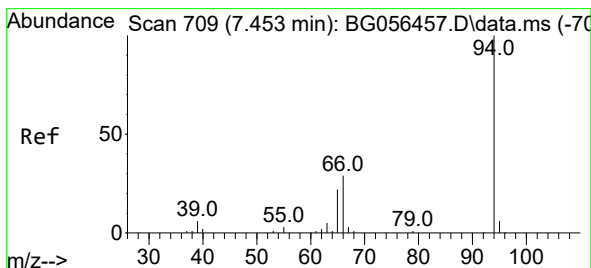
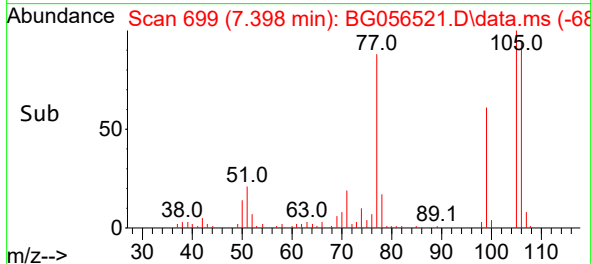
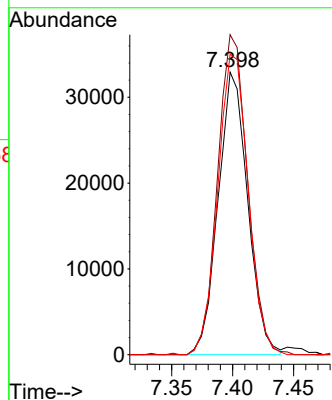
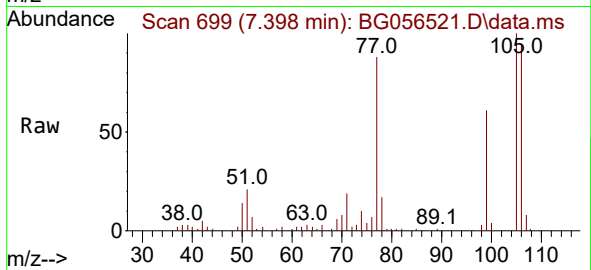




#9
Benzaldehyde
Concen: 52.581 ng
RT: 7.398 min Scan# 699
Delta R.T. -0.002 min
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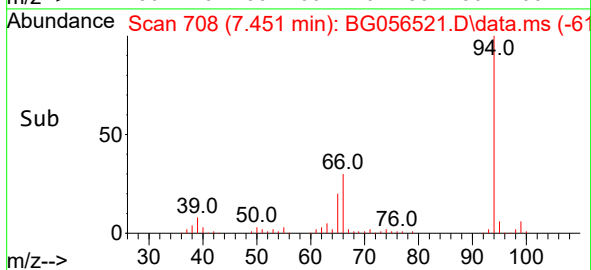
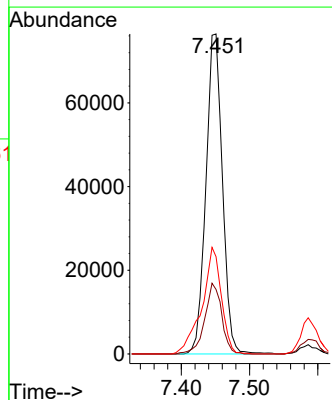
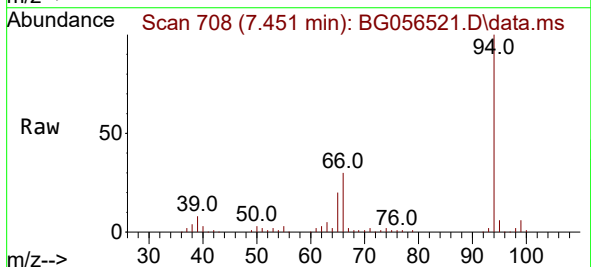
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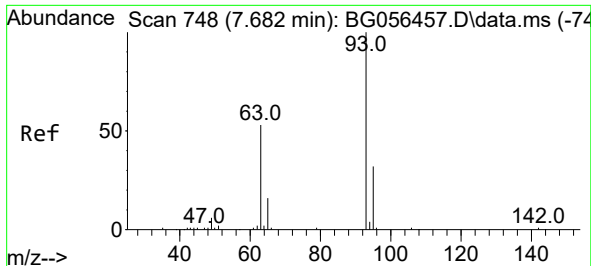
Tgt Ion: 77 Resp: 55605
Ion Ratio Lower Upper
77 100
105 113.3 101.8 141.8
106 106.3 93.0 133.0



#10
Phenol
Concen: 49.503 ng
RT: 7.451 min Scan# 708
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion: 94 Resp: 129067
Ion Ratio Lower Upper
94 100
65 20.1 2.3 42.3
66 30.4 11.2 51.2





#11

bis(2-Chloroethyl)ether

Concen: 44.572 ng

RT: 7.680 min Scan# 748

Delta R.T. -0.002 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MS

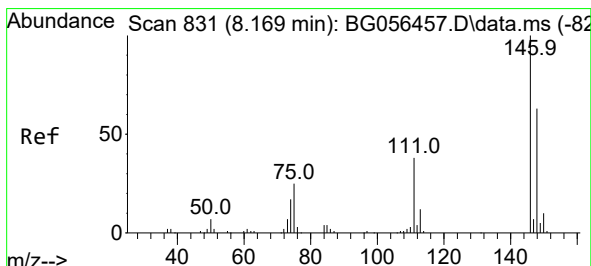
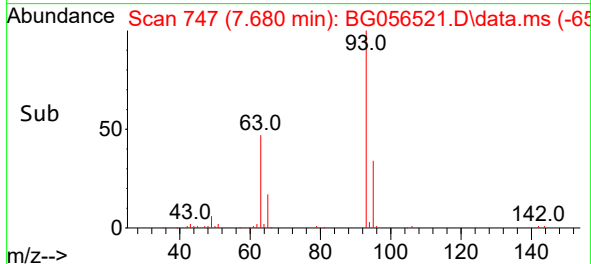
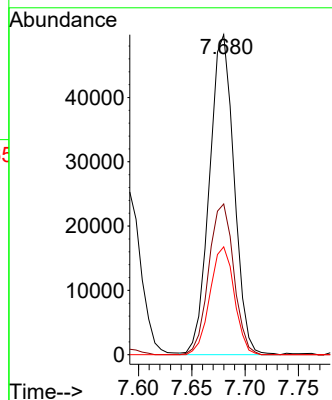
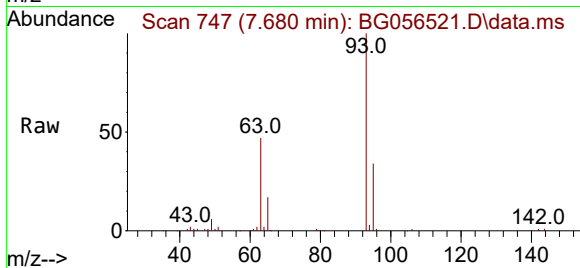
Tgt Ion: 93 Resp: 79878

Ion Ratio Lower Upper

93 100

63 47.1 32.4 72.4

95 33.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 47.514 ng

RT: 8.162 min Scan# 829

Delta R.T. -0.002 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

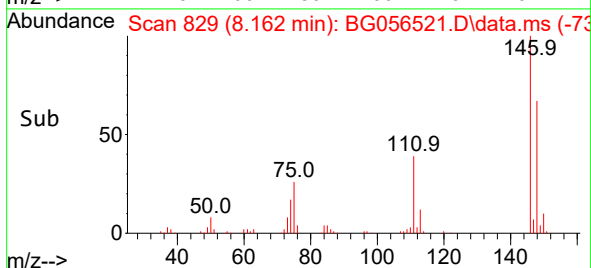
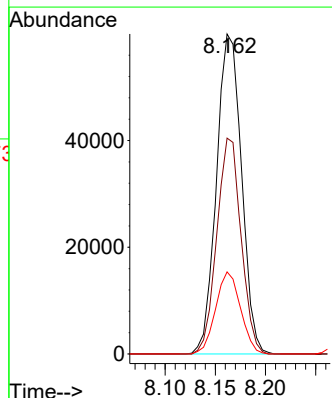
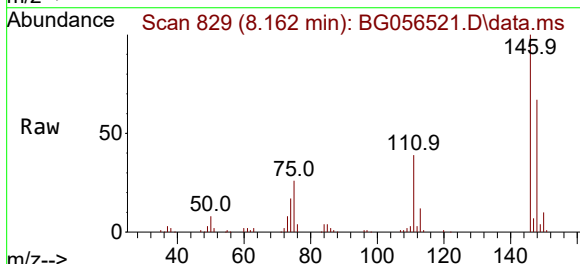
Tgt Ion:146 Resp: 104048

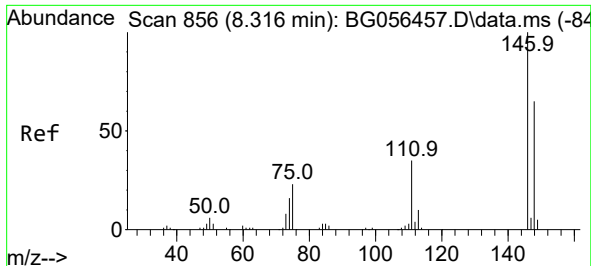
Ion Ratio Lower Upper

146 100

148 67.4 50.6 75.8

75 25.7 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 47.182 ng

RT: 8.314 min Scan# 8

Delta R.T. 0.004 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MS

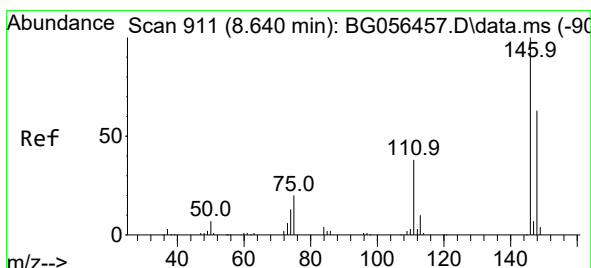
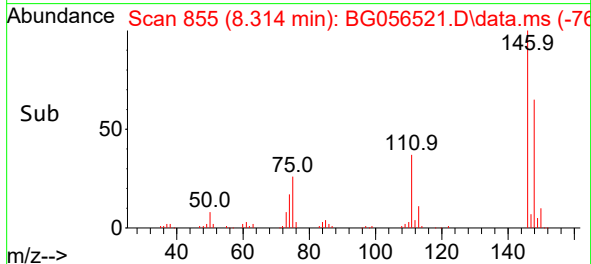
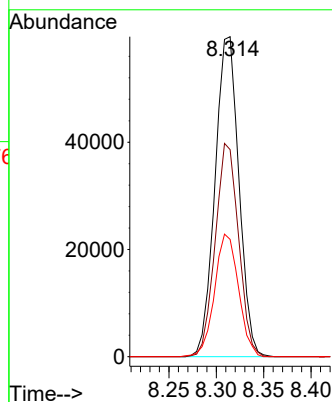
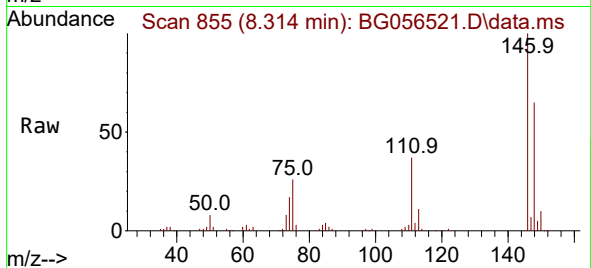
Tgt Ion:146 Resp: 104634

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

111 36.7 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 48.002 ng

RT: 8.638 min Scan# 910

Delta R.T. 0.004 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

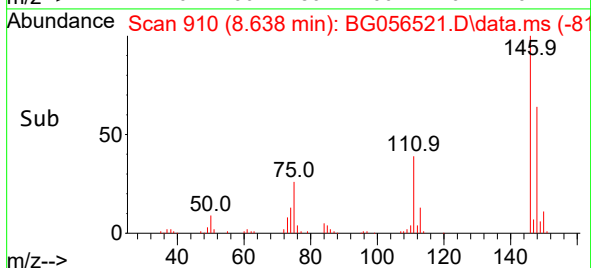
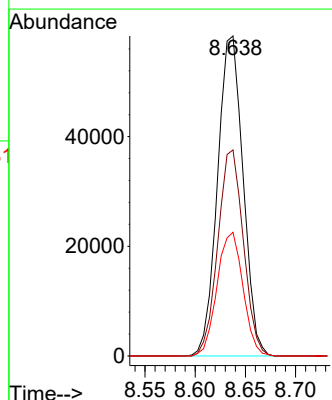
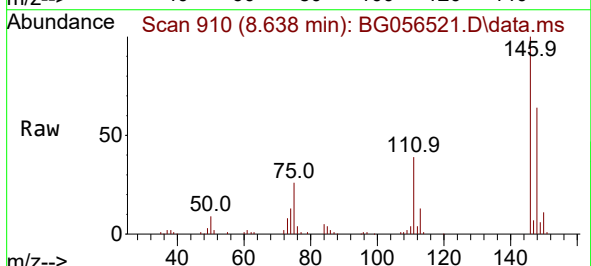
Tgt Ion:146 Resp: 103284

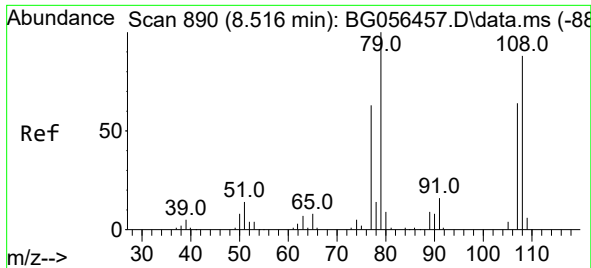
Ion Ratio Lower Upper

146 100

148 64.4 50.1 75.1

111 38.7 30.9 46.3

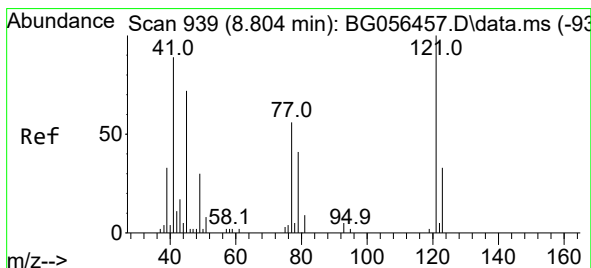
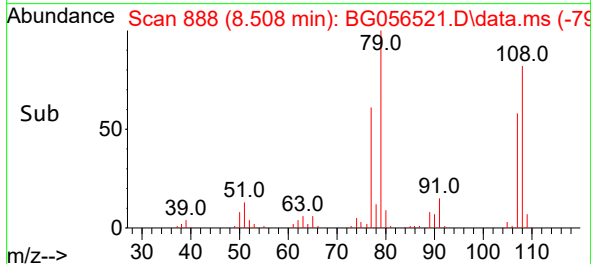
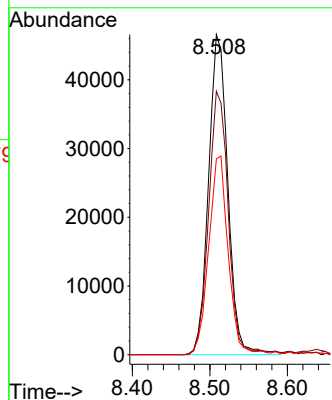
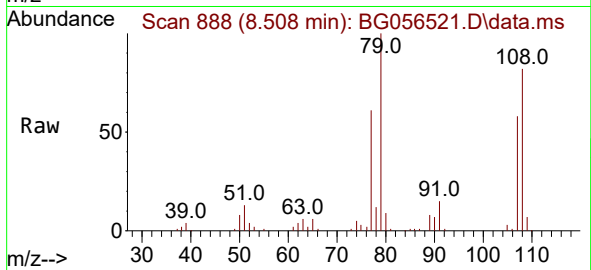




#15
Benzyl Alcohol
Concen: 45.854 ng
RT: 8.508 min Scan# 890
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

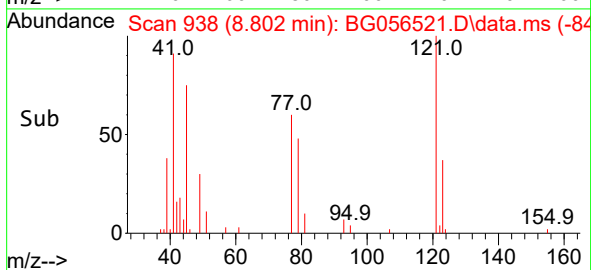
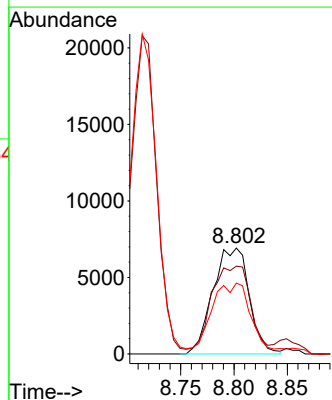
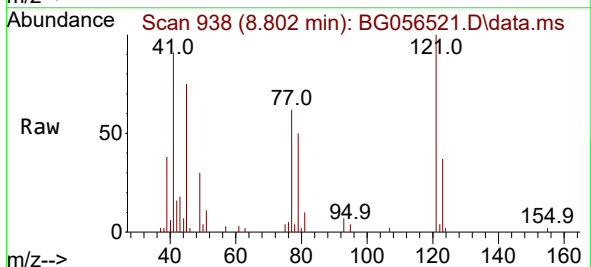
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

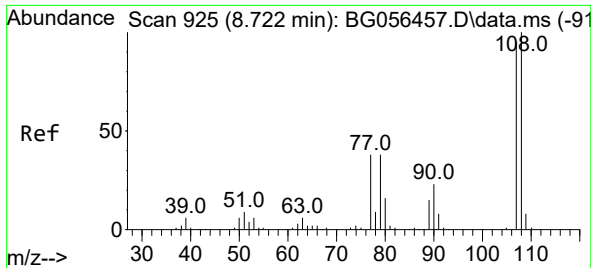
Tgt Ion: 79 Resp: 80705
Ion Ratio Lower Upper
79 100
108 82.4 70.1 105.1
77 61.2 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.040 ng
RT: 8.802 min Scan# 938
Delta R.T. 0.010 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion: 45 Resp: 16343
Ion Ratio Lower Upper
45 100
77 82.9 62.1 102.1
79 66.8 42.7 82.7

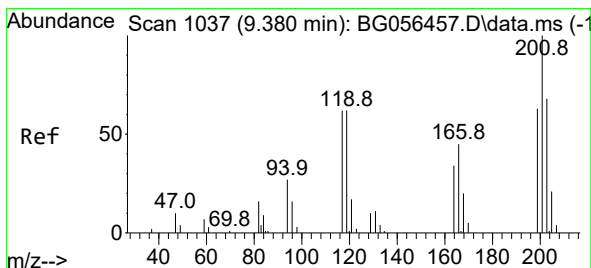
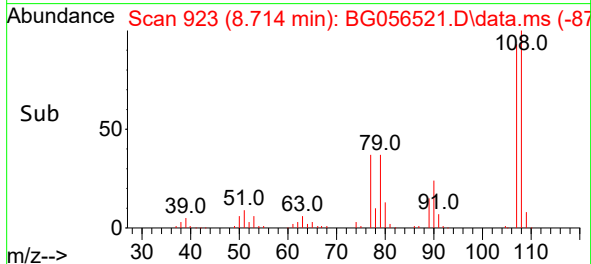
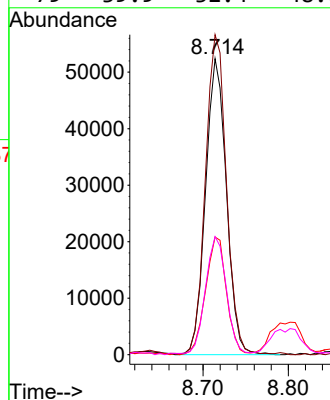
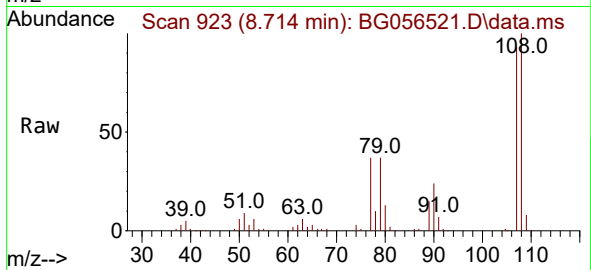




#17
2-Methylphenol
Concen: 44.998 ng
RT: 8.714 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

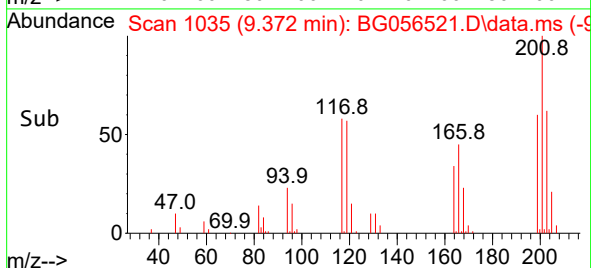
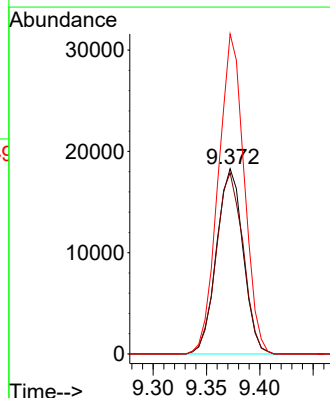
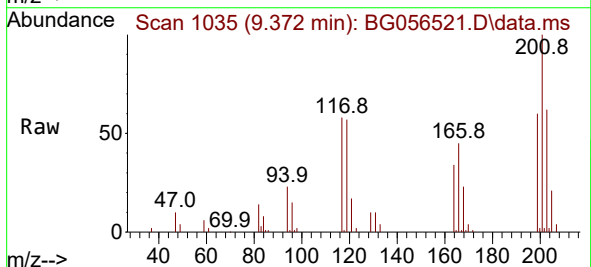
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

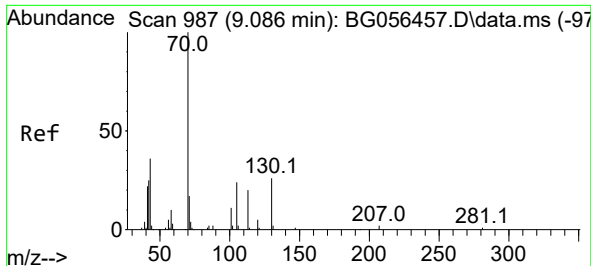
Tgt Ion:107 Resp: 89253
Ion Ratio Lower Upper
107 100
108 108.1 83.9 125.9
77 39.7 31.6 47.4
79 39.9 32.4 48.6



#18
Hexachloroethane
Concen: 47.287 ng
RT: 9.372 min Scan# 1035
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:117 Resp: 31718
Ion Ratio Lower Upper
117 100
119 96.7 79.4 119.0
201 174.7 128.5 192.7



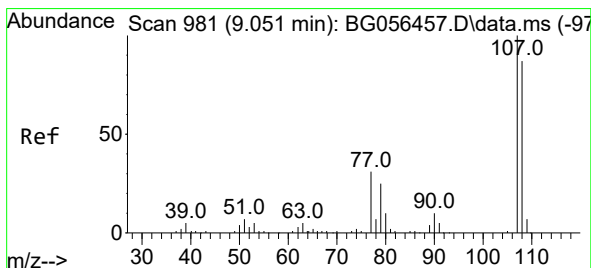
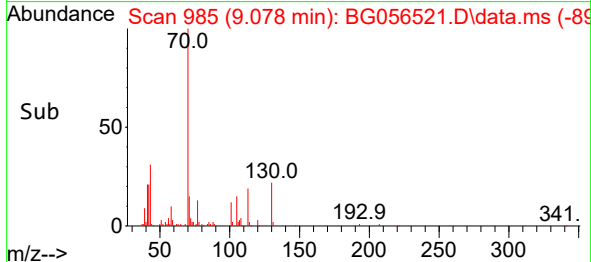
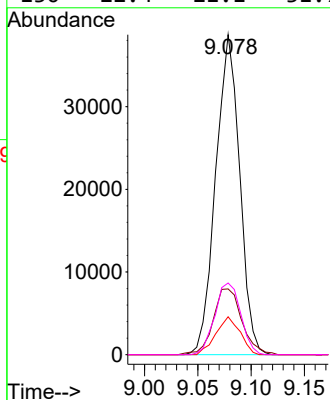
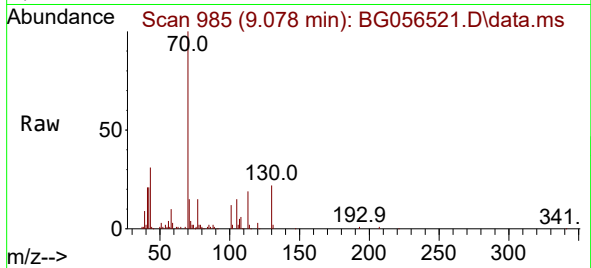


#19
n-Nitroso-di-n-propylamine
Concen: 40.921 ng
RT: 9.078 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

Tgt Ion: 70 Resp: 60494

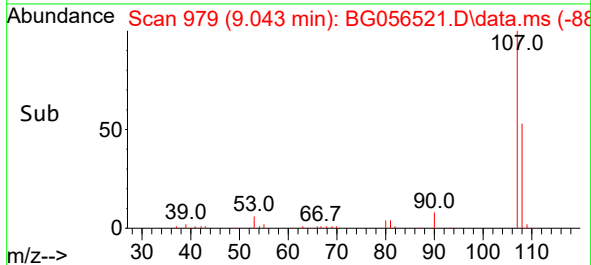
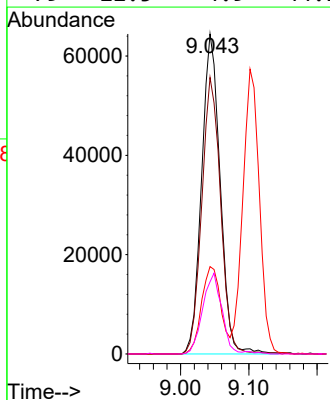
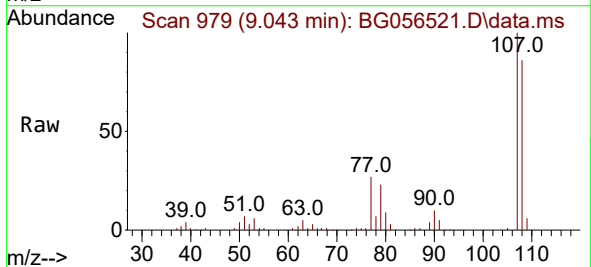
Ion	Ratio	Lower	Upper
70	100		
42	20.6	20.2	30.4
101	11.8	9.1	13.7
130	22.4	21.1	31.7

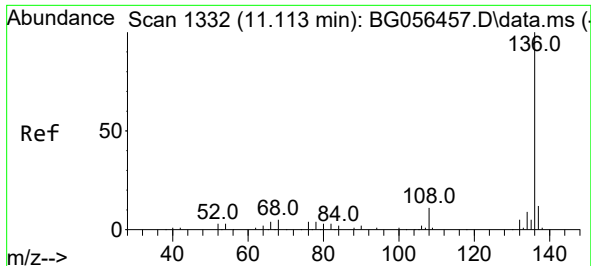


#20
3+4-Methylphenols
Concen: 43.931 ng
RT: 9.043 min Scan# 979
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion: 107 Resp: 122115

Ion	Ratio	Lower	Upper
107	100		
108	86.4	66.7	106.7
77	27.3	10.6	50.6
79	22.5	4.9	44.9

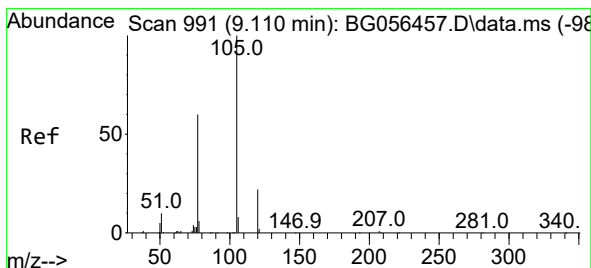
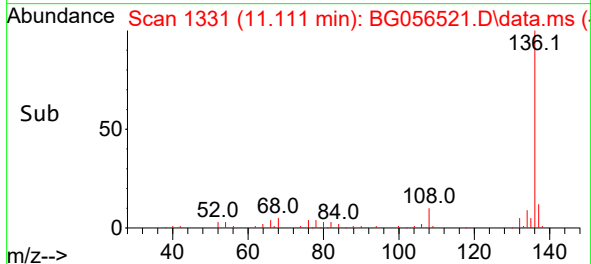
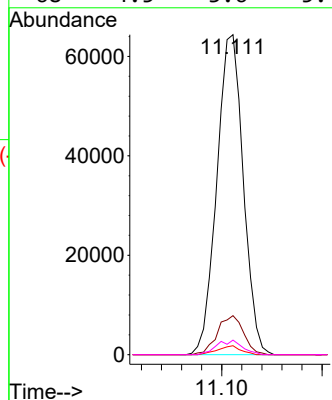
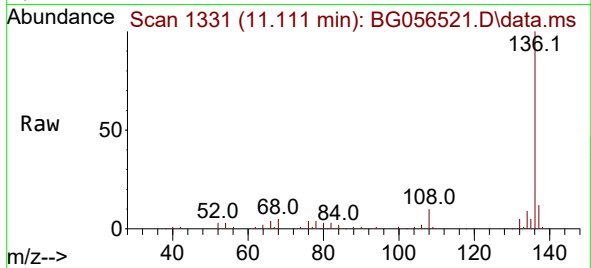




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.111 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

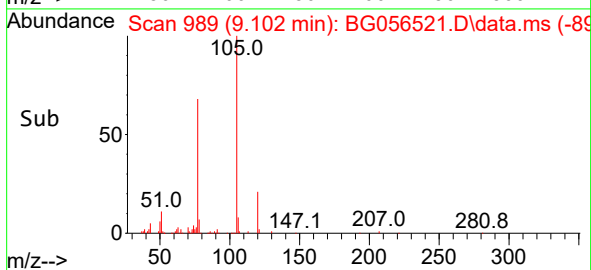
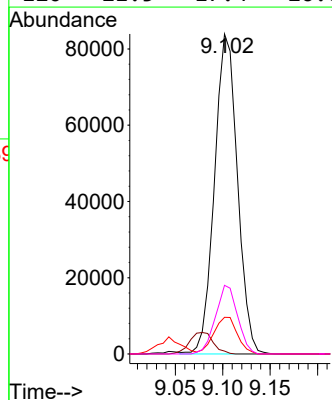
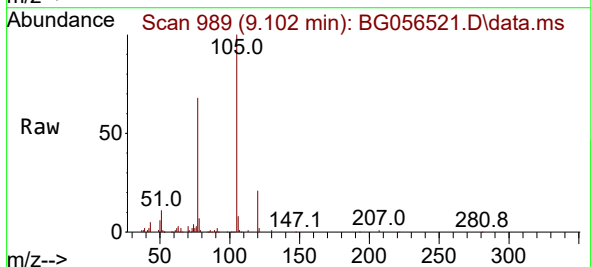
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

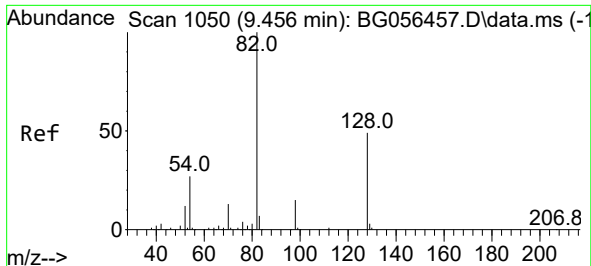
Tgt Ion:136 Resp: 117607
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.0
54 2.8 2.2 3.4
68 4.5 3.6 5.4



#22
Acetophenone
Concen: 45.267 ng
RT: 9.102 min Scan# 989
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:105 Resp: 141452
Ion Ratio Lower Upper
105 100
71 0.9 0.6 0.8#
51 11.5 9.2 13.8
120 21.5 17.4 26.0

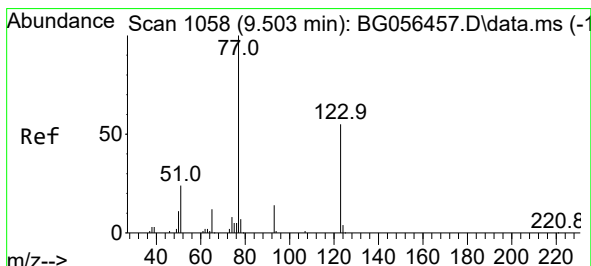
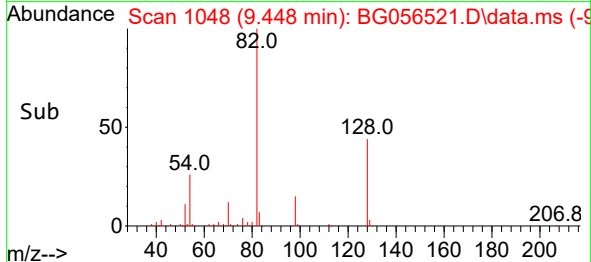
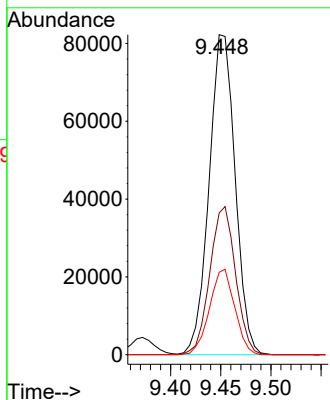
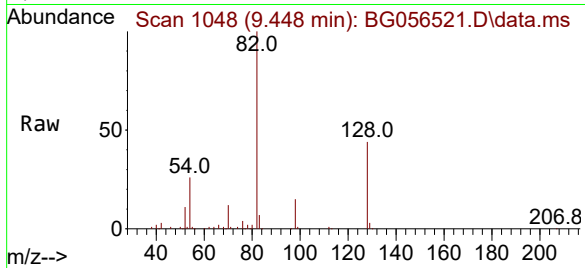




#23
Nitrobenzene-d5
Concen: 71.758 ng
RT: 9.448 min Scan# 1048
Delta R.T. -0.008 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

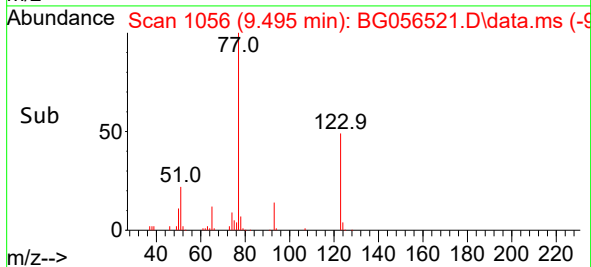
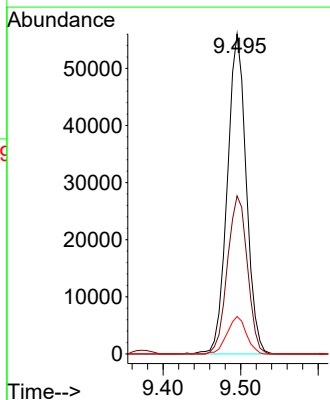
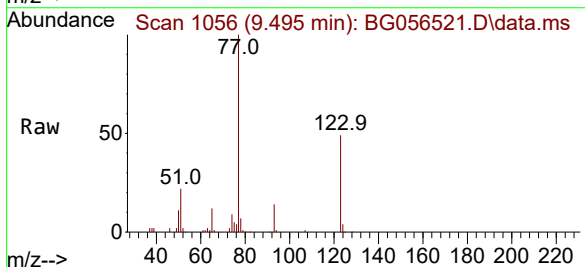
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

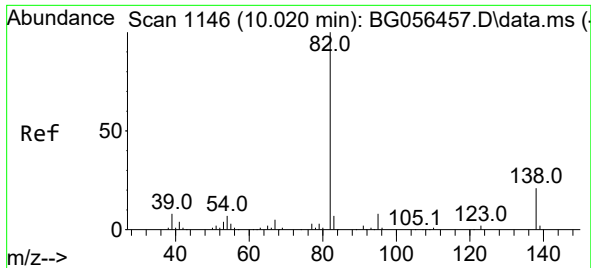
Tgt Ion: 82 Resp: 148618
Ion Ratio Lower Upper
82 100
128 44.2 39.4 59.2
54 25.8 21.4 32.2



#24
Nitrobenzene
Concen: 47.550 ng
RT: 9.495 min Scan# 1056
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion: 77 Resp: 94992
Ion Ratio Lower Upper
77 100
123 49.4 44.0 66.0
65 11.7 9.7 14.5

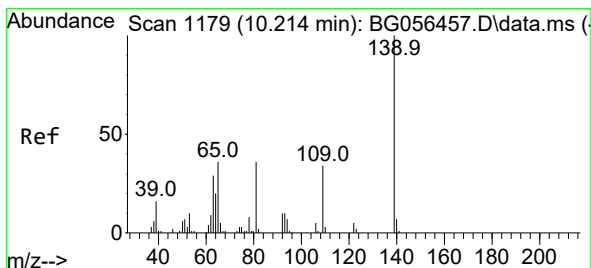
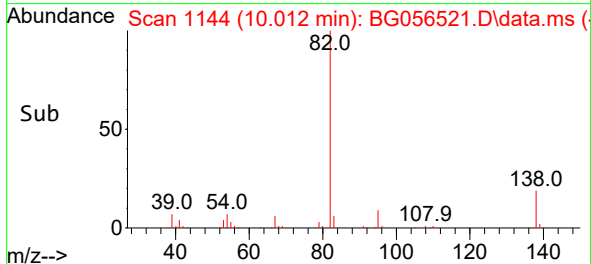
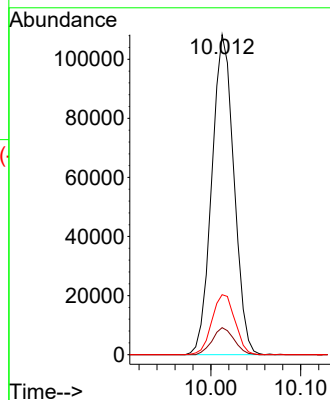
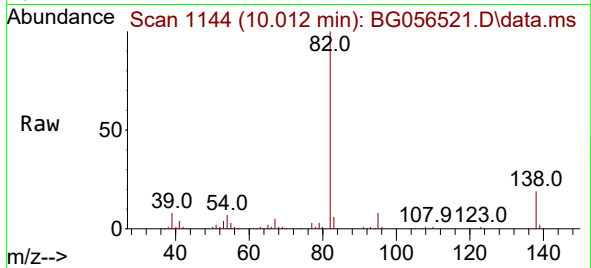




#25
Isophorone
Concen: 43.347 ng
RT: 10.012 min Scan# 1144
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

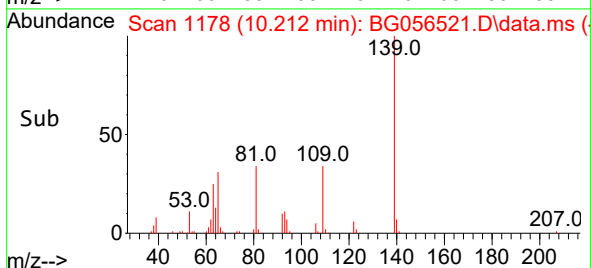
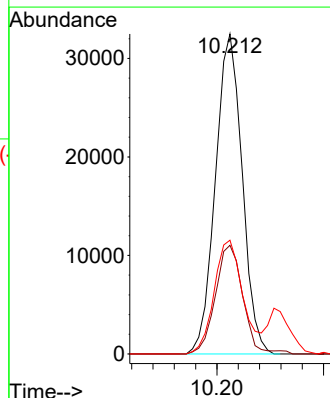
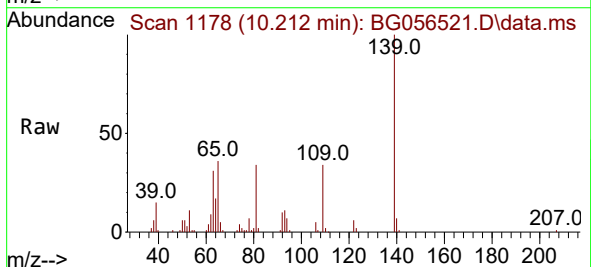
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

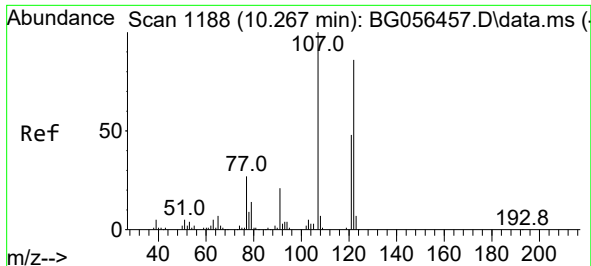
Tgt Ion: 82 Resp: 185210
Ion Ratio Lower Upper
82 100
95 8.5 6.3 9.5
138 18.7 16.6 25.0



#26
2-Nitrophenol
Concen: 46.611 ng
RT: 10.212 min Scan# 1178
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:139 Resp: 56497
Ion Ratio Lower Upper
139 100
109 34.0 26.9 40.3
65 35.6 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 45.044 ng

RT: 10.259 min Scan# 1186

Delta R.T. 0.004 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MS

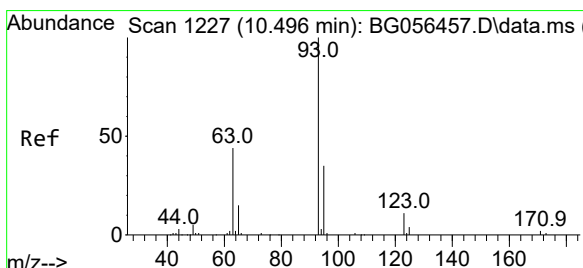
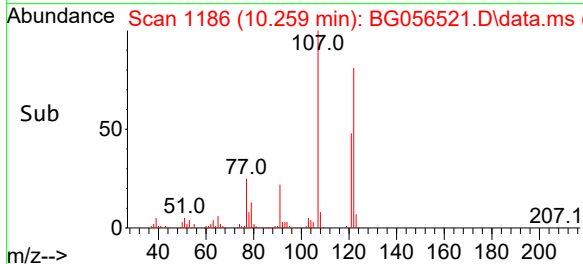
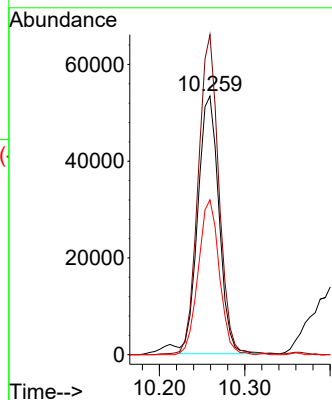
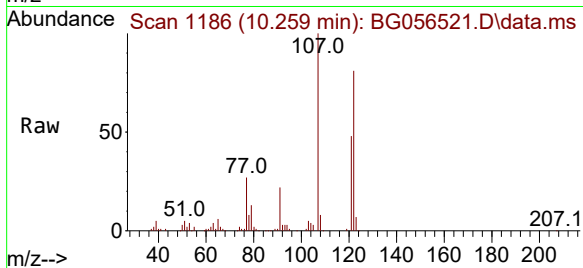
Tgt Ion:122 Resp: 91371

Ion Ratio Lower Upper

122 100

107 123.8 92.9 139.3

121 59.9 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.827 ng

RT: 10.488 min Scan# 1225

Delta R.T. -0.002 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

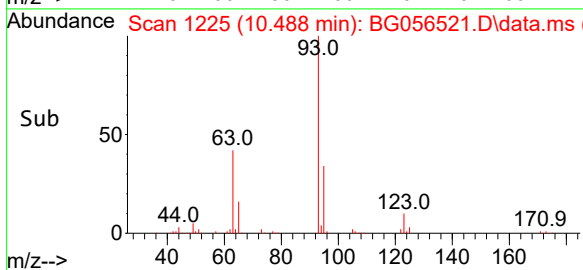
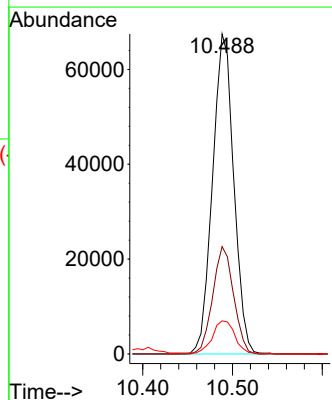
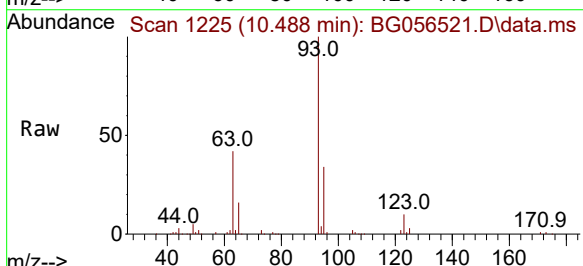
Tgt Ion: 93 Resp: 110529

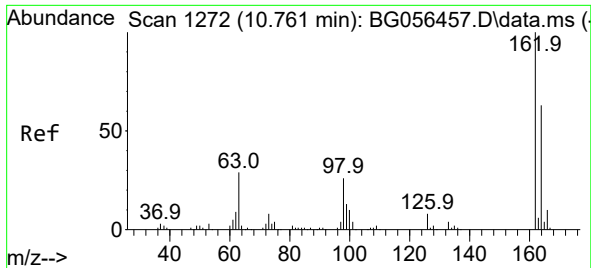
Ion Ratio Lower Upper

93 100

95 33.5 27.9 41.9

123 10.3 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 49.982 ng

RT: 10.753 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MS

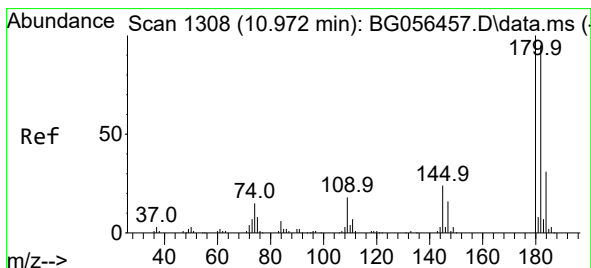
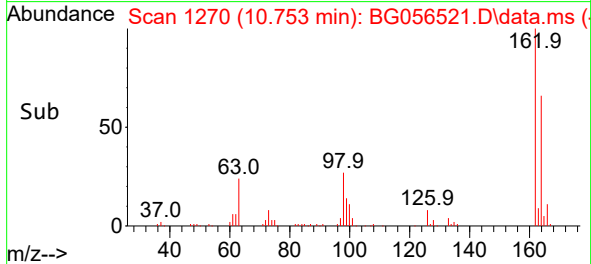
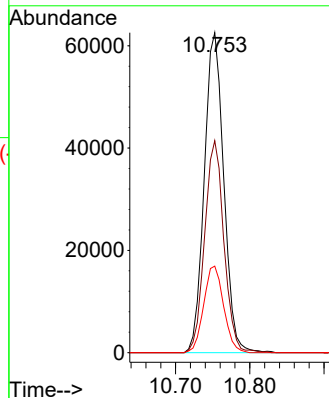
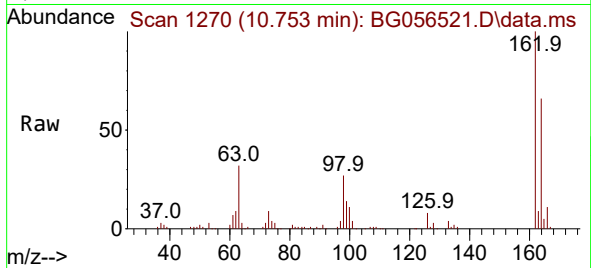
Tgt Ion:162 Resp: 114125

Ion Ratio Lower Upper

162 100

164 66.3 42.8 82.8

98 27.0 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 48.332 ng

RT: 10.964 min Scan# 1306

Delta R.T. -0.002 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

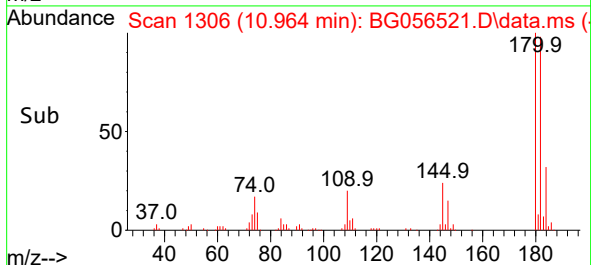
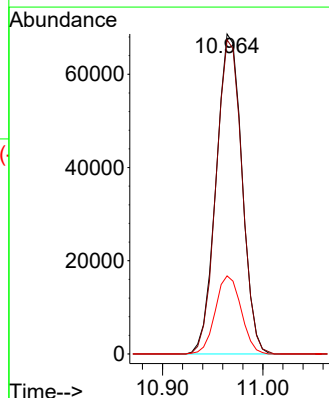
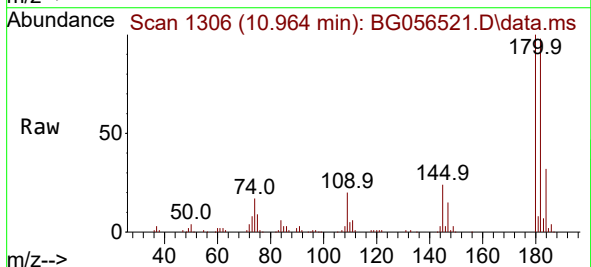
Tgt Ion:180 Resp: 122636

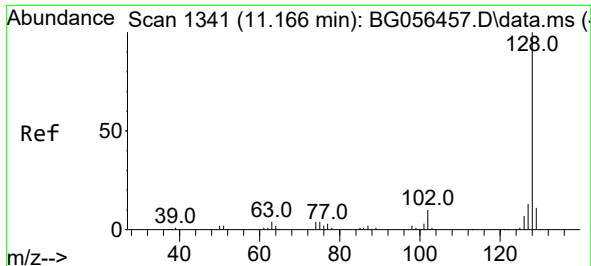
Ion Ratio Lower Upper

180 100

182 98.1 75.9 113.9

145 24.4 19.4 29.0

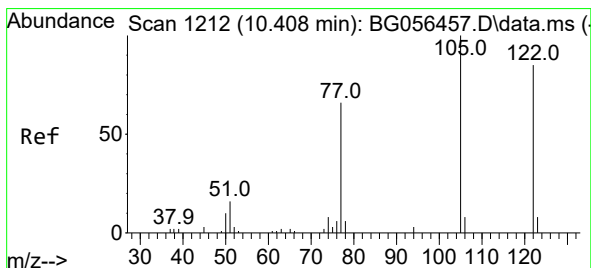
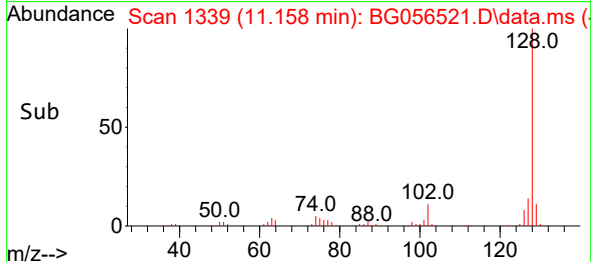
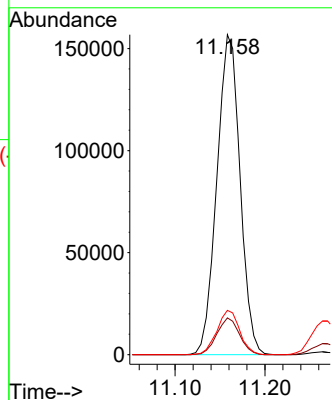
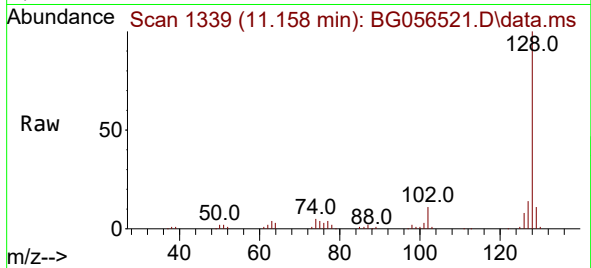




#31
Naphthalene
Concen: 45.234 ng
RT: 11.158 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

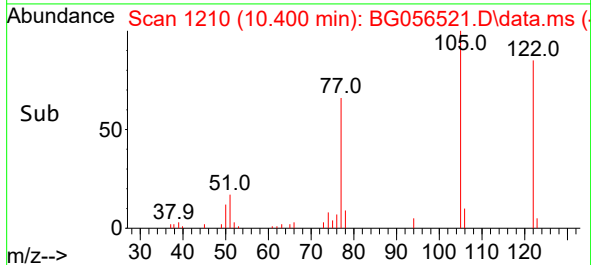
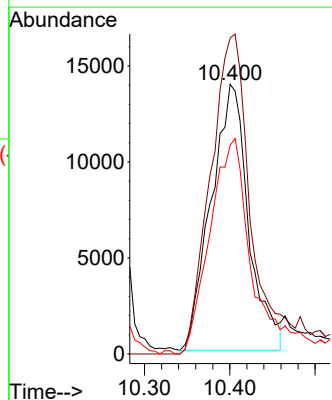
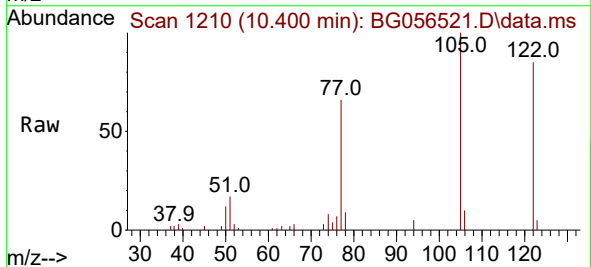
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

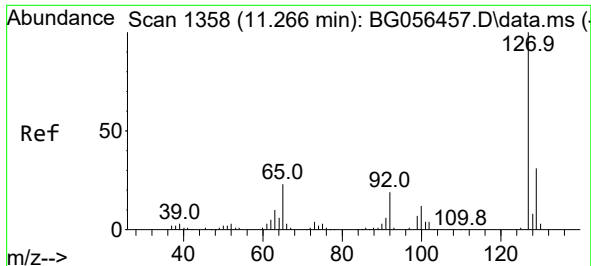
Tgt Ion:128 Resp: 280781
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.8 10.4 15.6



#32
Benzoic acid
Concen: 37.382 ng
RT: 10.400 min Scan# 1210
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:122 Resp: 42425
Ion Ratio Lower Upper
122 100
105 117.2 96.5 136.5
77 77.4 57.3 97.3

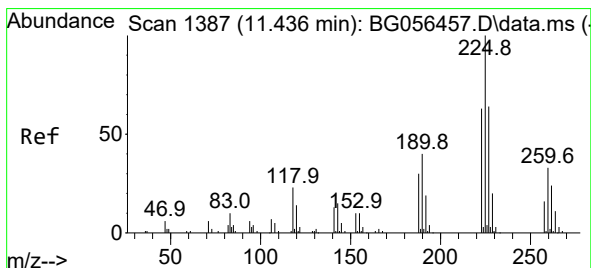
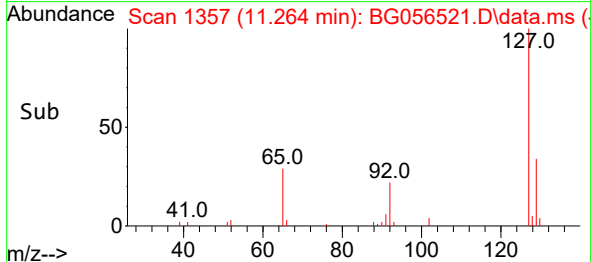
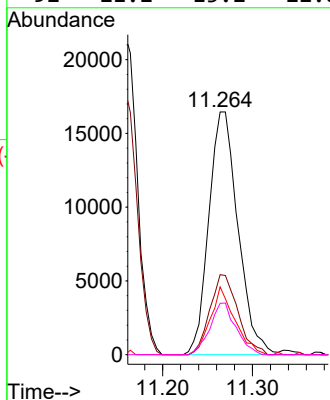
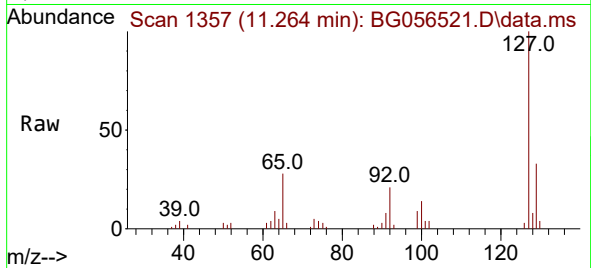




#33
4-Chloroaniline
Concen: 12.832 ng
RT: 11.264 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

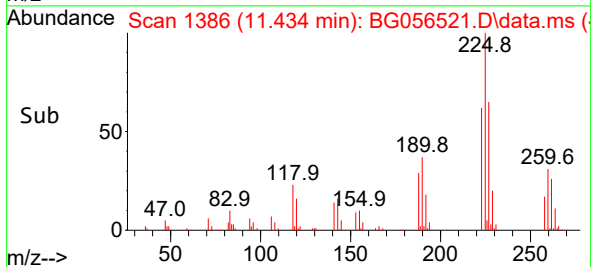
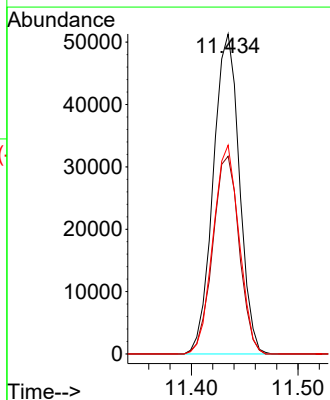
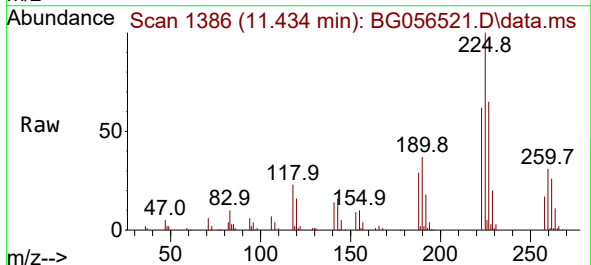
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

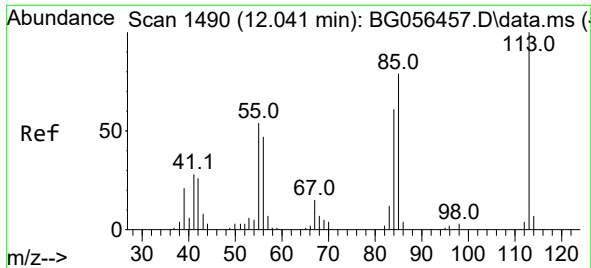
Tgt Ion:	127	Resp:	37182
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.0	37.6
65	28.0	18.5	27.7#
92	21.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 48.933 ng
RT: 11.434 min Scan# 1386
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:	225	Resp:	87152
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	75.8
227	65.2	53.7	80.5

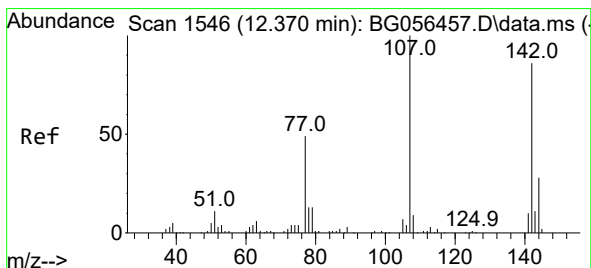
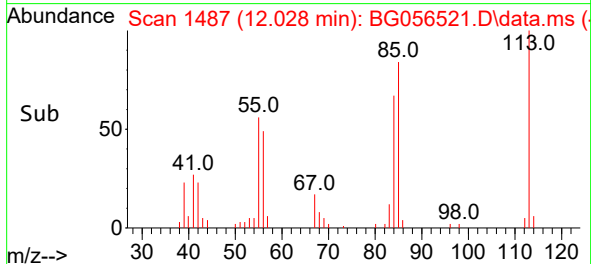
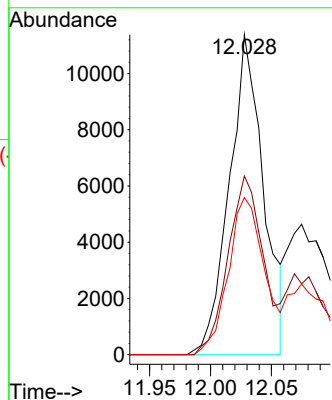
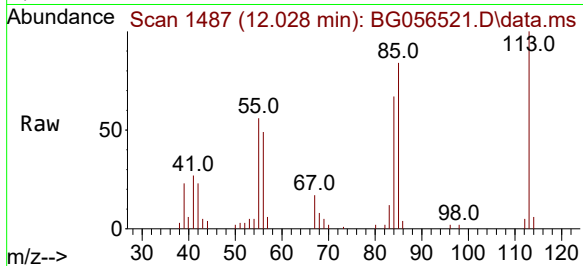




#35
Caprolactam
Concen: 28.783 ng
RT: 12.028 min Scan# 1490
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

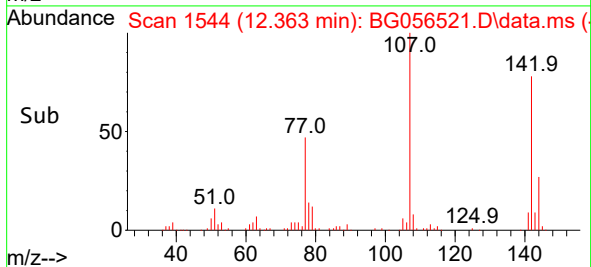
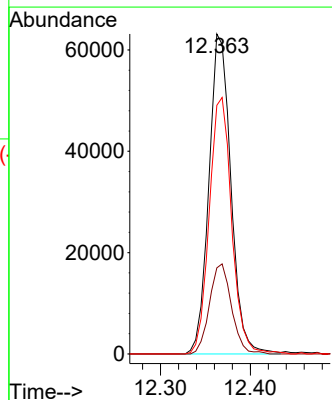
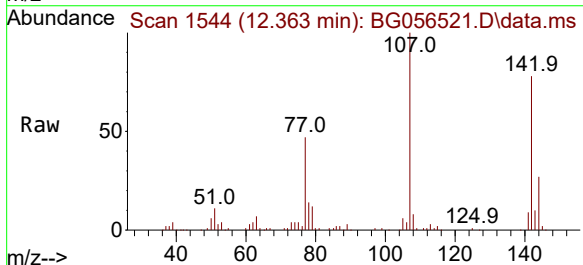
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

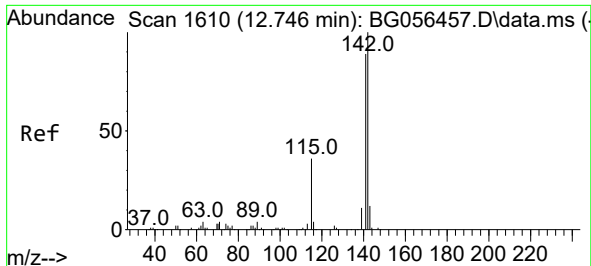
Tgt Ion:113 Resp: 22165
Ion Ratio Lower Upper
113 100
55 55.9 33.7 73.7
56 49.1 27.1 67.1



#36
4-Chloro-3-methylphenol
Concen: 48.715 ng
RT: 12.363 min Scan# 1544
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:107 Resp: 107421
Ion Ratio Lower Upper
107 100
144 26.9 22.3 33.5
142 77.7 68.9 103.3

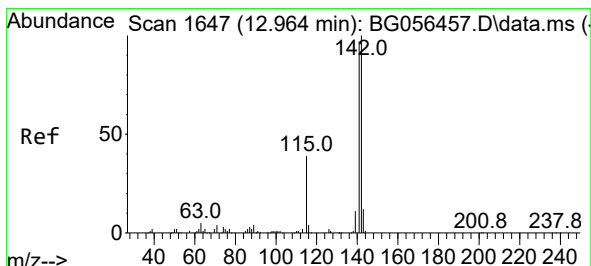
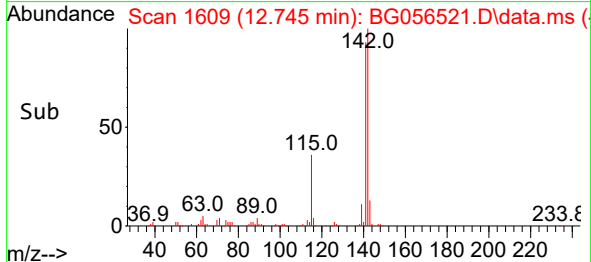
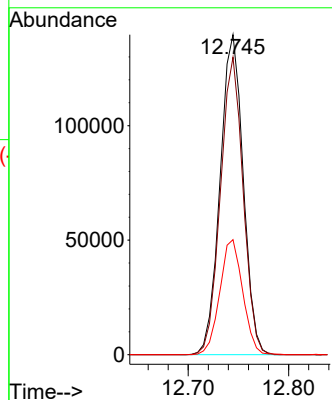
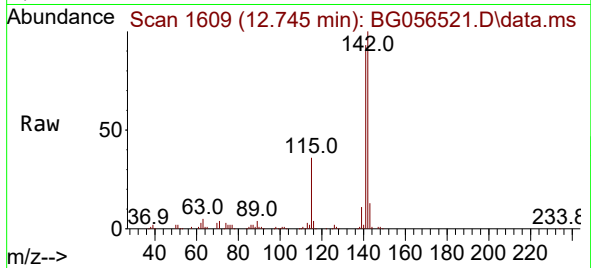




#37
2-Methylnaphthalene
Concen: 43.506 ng
RT: 12.745 min Scan# 1609
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

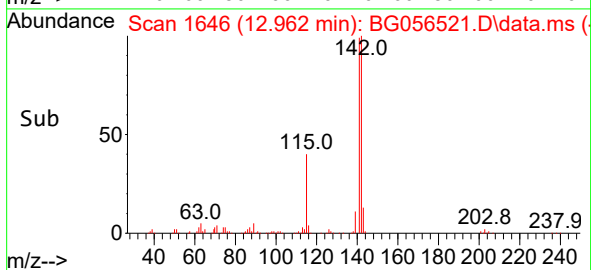
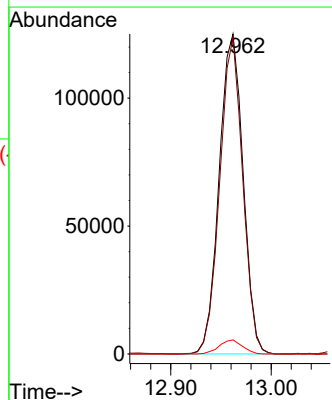
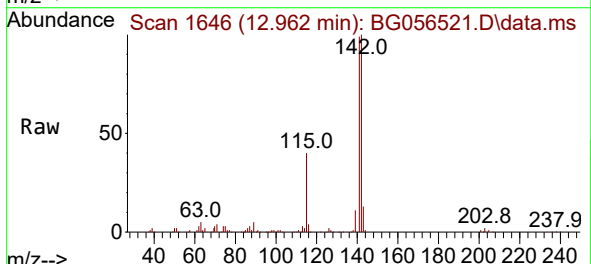
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

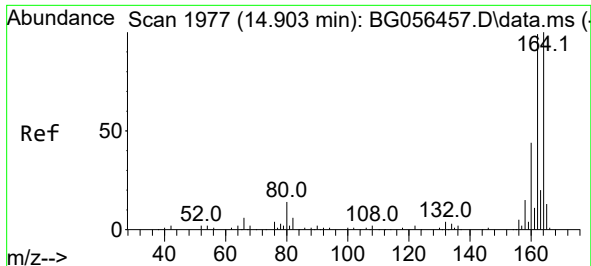
Tgt Ion:142 Resp: 222640
Ion Ratio Lower Upper
142 100
141 93.0 71.4 107.0
115 36.0 28.4 42.6



#38
1-Methylnaphthalene
Concen: 43.201 ng
RT: 12.962 min Scan# 1646
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:142 Resp: 206470
Ion Ratio Lower Upper
142 100
141 98.9 77.7 116.5
116 4.4 3.4 5.2

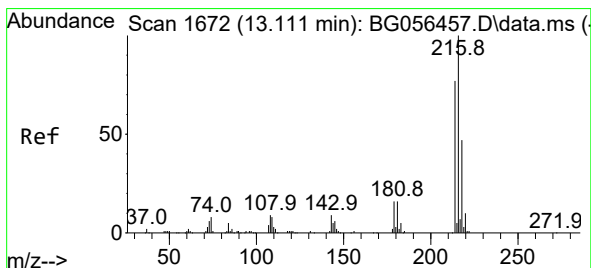
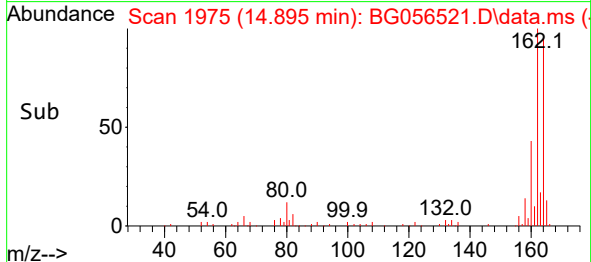
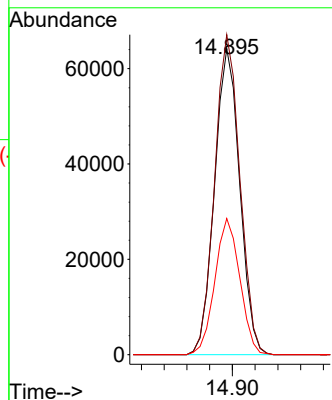
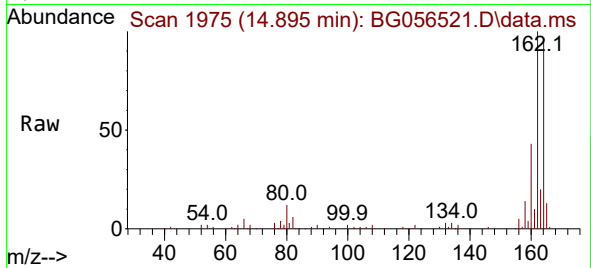




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.895 min Scan# 1975
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

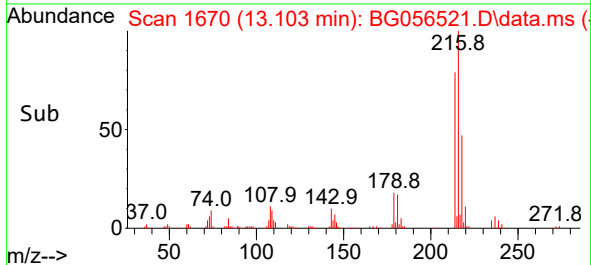
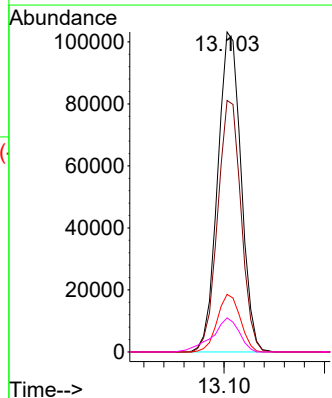
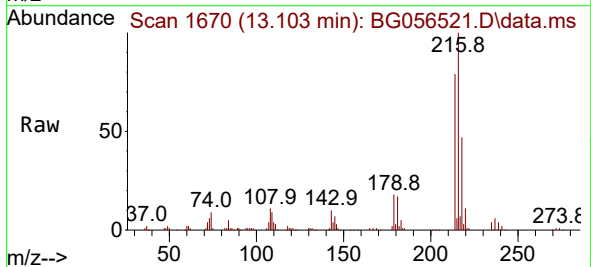
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

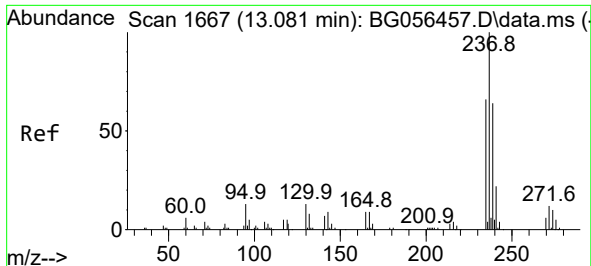
Tgt Ion:164 Resp: 98648
Ion Ratio Lower Upper
164 100
162 104.5 79.6 119.4
160 44.5 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.230 ng
RT: 13.103 min Scan# 1670
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

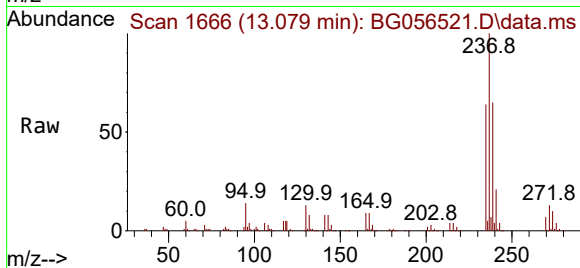
Tgt Ion:216 Resp: 166612
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.6
179 17.8 14.1 21.1
108 12.2 9.0 13.6



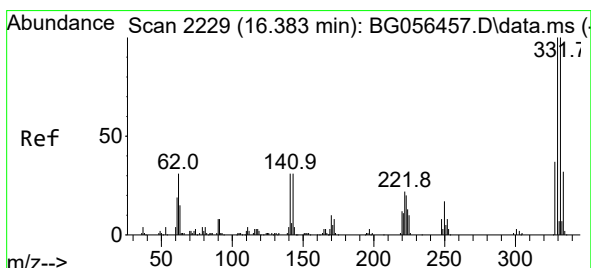
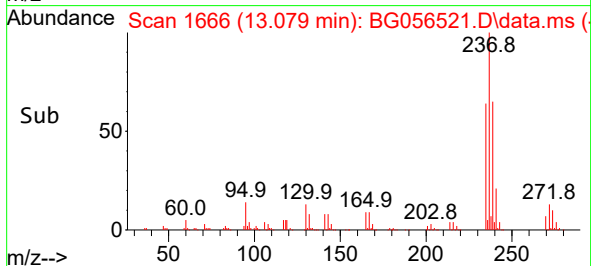
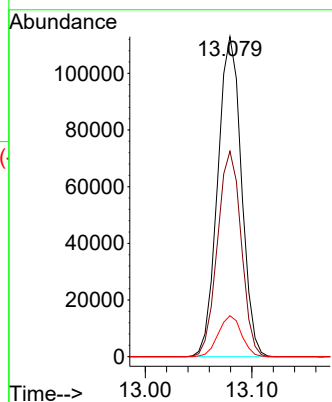


#41
Hexachlorocyclopentadiene
Concen: 90.397 ng
RT: 13.079 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

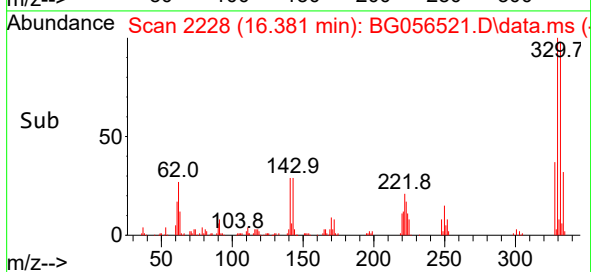
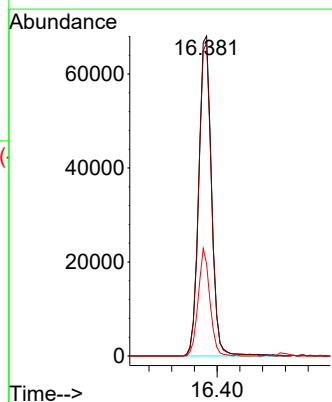
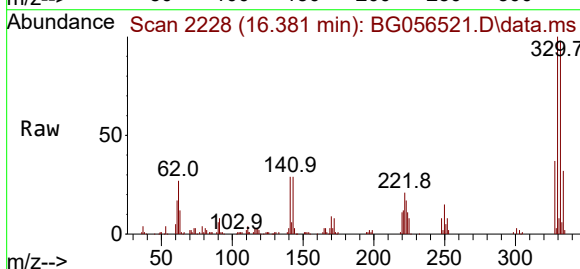


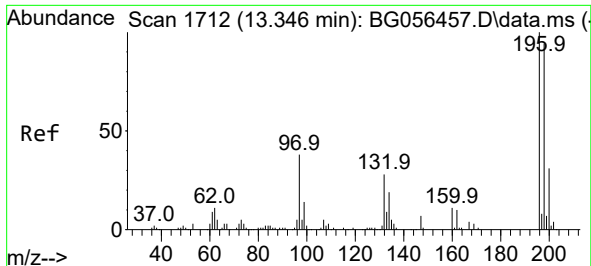
Tgt Ion:237 Resp: 174419
Ion Ratio Lower Upper
237 100
235 64.2 45.6 85.6
272 12.8 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 81.067 ng
RT: 16.381 min Scan# 2228
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:330 Resp: 106317
Ion Ratio Lower Upper
330 100
332 97.8 79.0 118.6
141 30.6 24.2 36.4

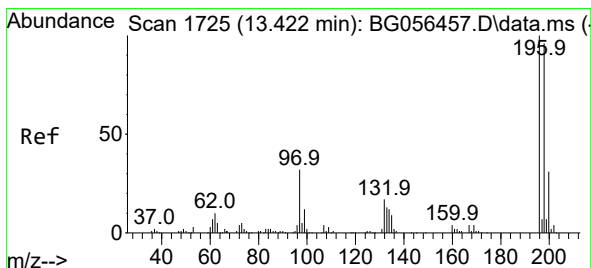
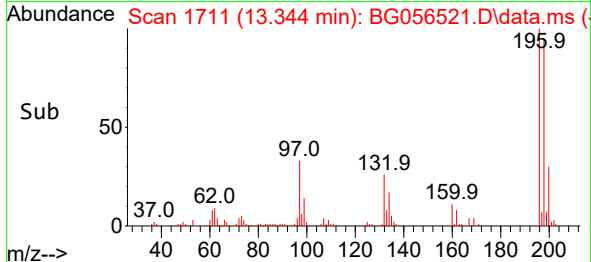
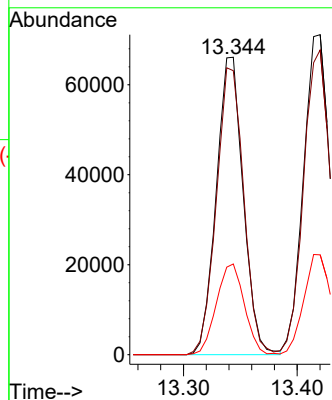
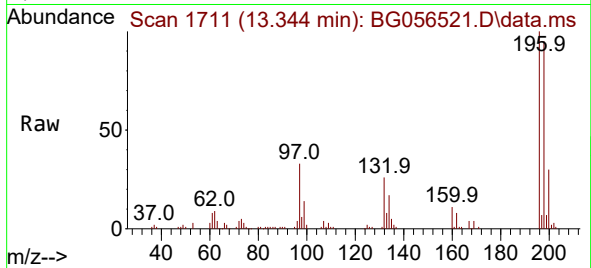




#43
2,4,6-Trichlorophenol
Concen: 46.970 ng
RT: 13.344 min Scan# 1711
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

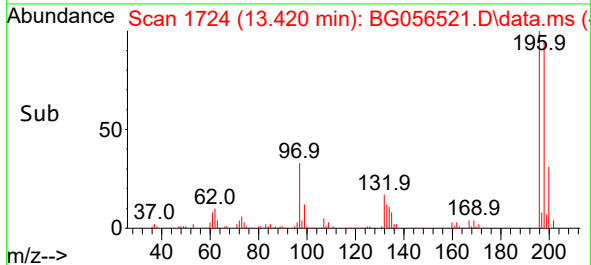
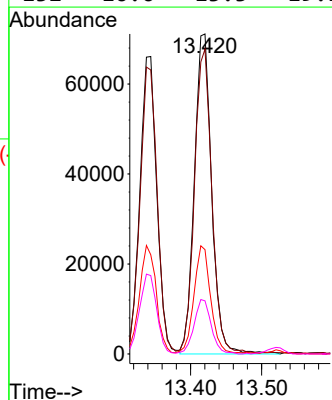
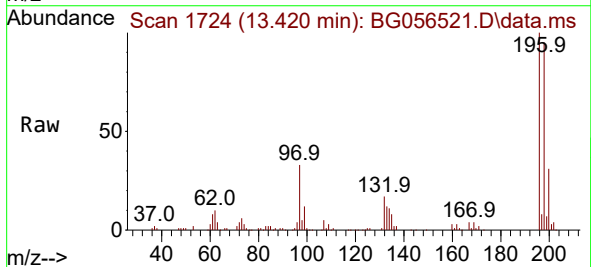
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

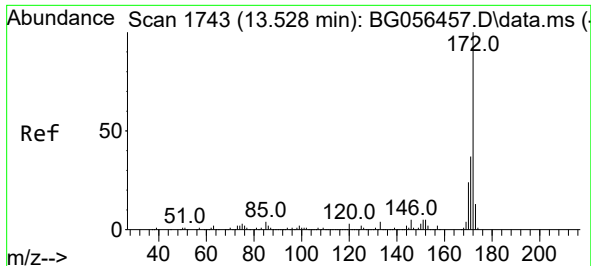
Tgt Ion:196 Resp: 109086
Ion Ratio Lower Upper
196 100
198 95.5 75.4 113.0
200 30.5 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 44.484 ng
RT: 13.420 min Scan# 1724
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:196 Resp: 120959
Ion Ratio Lower Upper
196 100
198 95.2 76.9 115.3
97 32.6 25.8 38.6
132 16.6 13.3 19.9

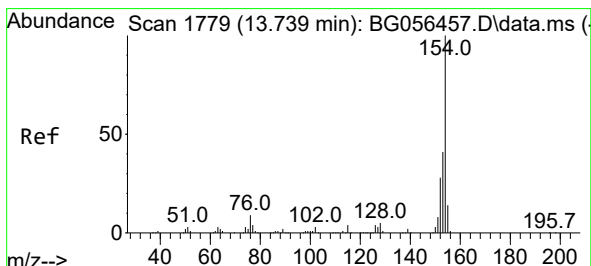
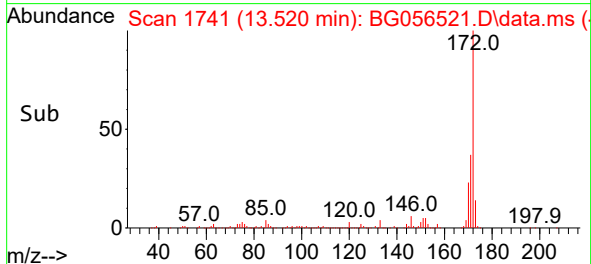
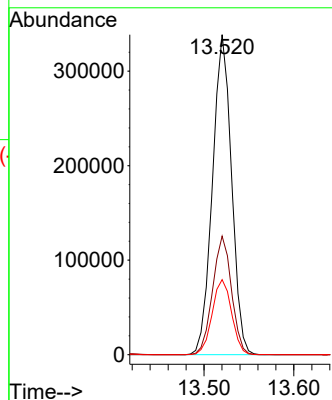
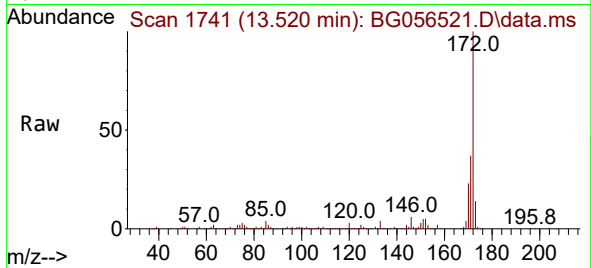




#45
2-Fluorobiphenyl
Concen: 70.111 ng
RT: 13.520 min Scan# 1743
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

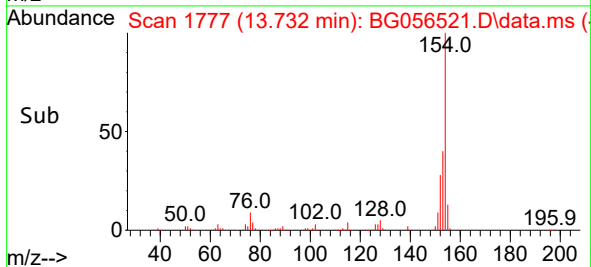
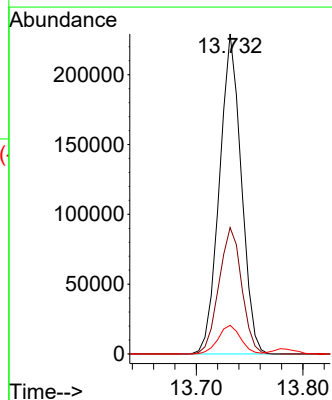
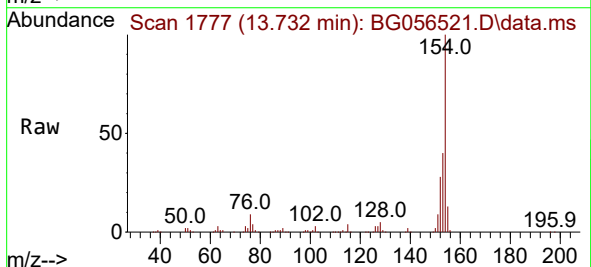
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

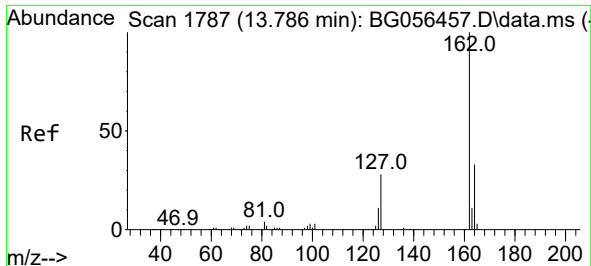
Tgt Ion:172 Resp: 498862
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 23.4 19.2 28.8



#46
1,1'-Biphenyl
Concen: 45.516 ng
RT: 13.732 min Scan# 1777
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:154 Resp: 325672
Ion Ratio Lower Upper
154 100
153 39.5 21.5 61.5
76 9.0 0.0 28.8

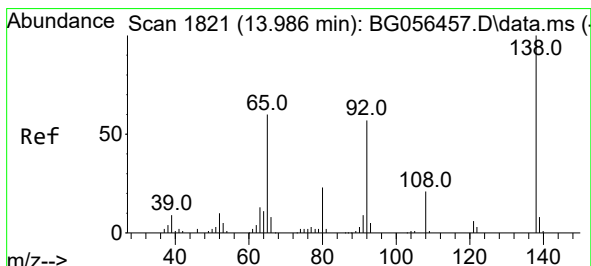
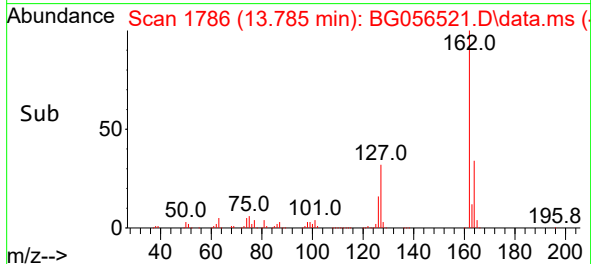
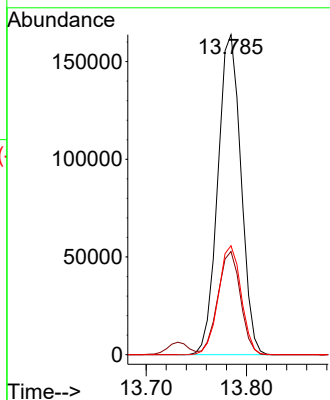
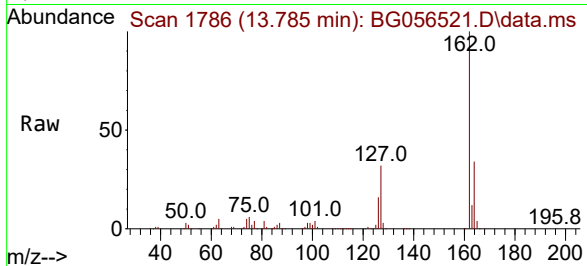




#47
2-Chloronaphthalene
Concen: 46.866 ng
RT: 13.785 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

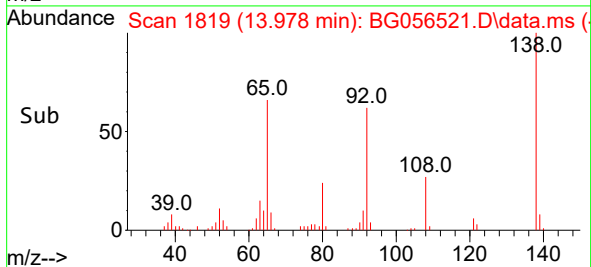
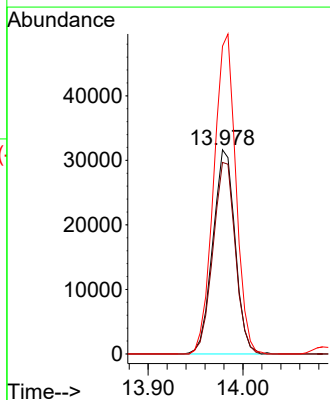
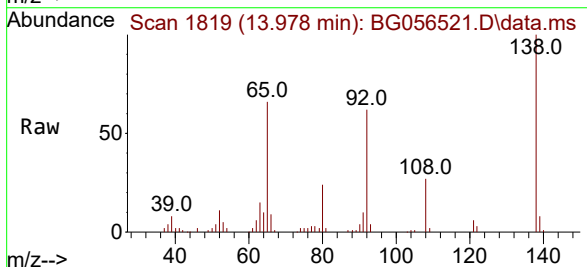
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

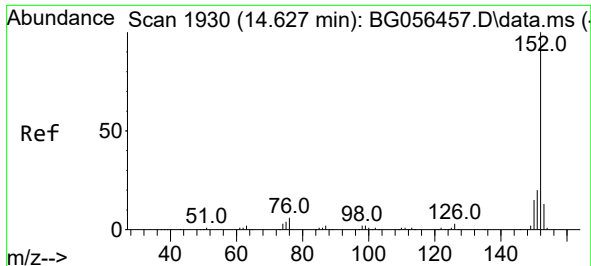
Tgt Ion:162 Resp: 262112
Ion Ratio Lower Upper
162 100
127 32.3 25.2 37.8
164 34.1 26.2 39.2



#48
2-Nitroaniline
Concen: 44.704 ng
RT: 13.978 min Scan# 1819
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion: 65 Resp: 51685
Ion Ratio Lower Upper
65 100
92 93.8 75.8 113.6
138 150.7 133.2 199.8

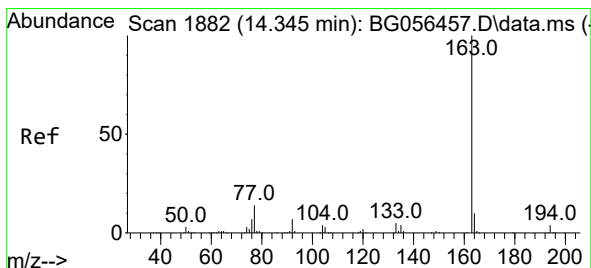
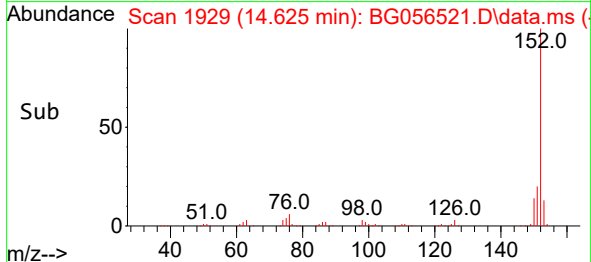
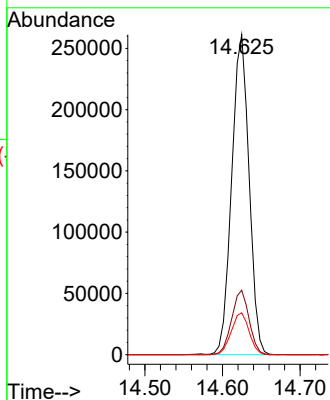
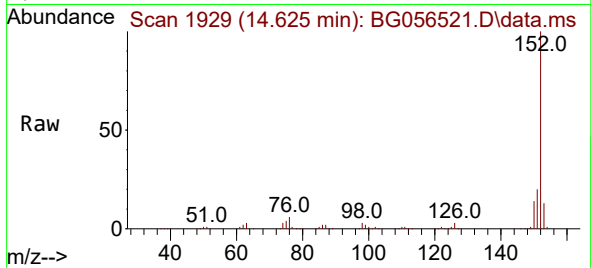




#49
Acenaphthylene
Concen: 44.664 ng
RT: 14.625 min Scan# 1930
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

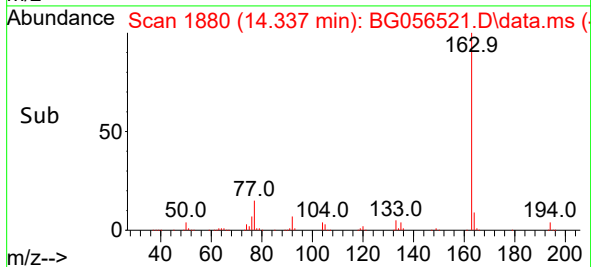
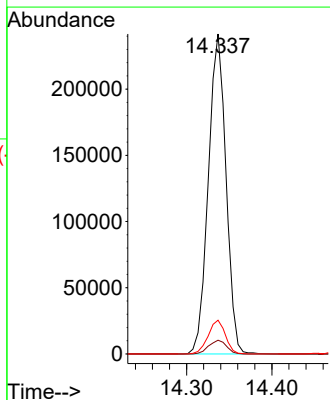
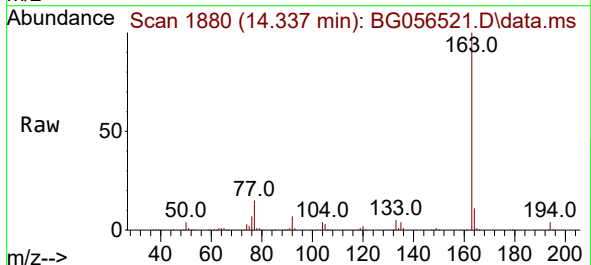
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

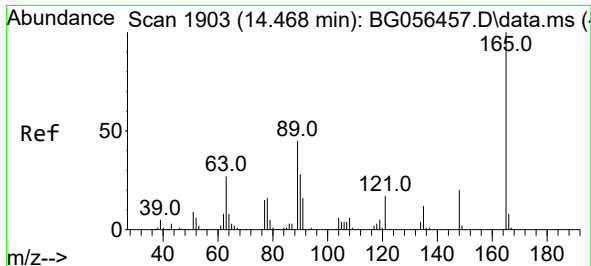
Tgt Ion:152 Resp: 406411
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 43.562 ng
RT: 14.337 min Scan# 1880
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:163 Resp: 347662
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.6 8.1 12.1

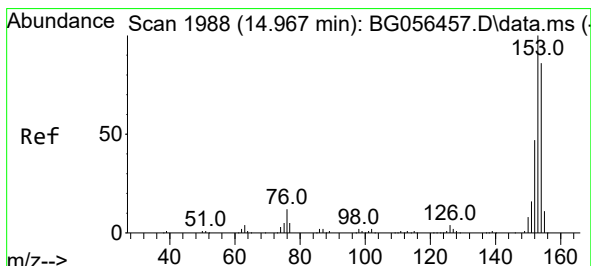
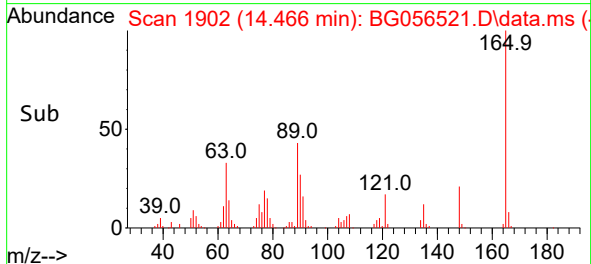
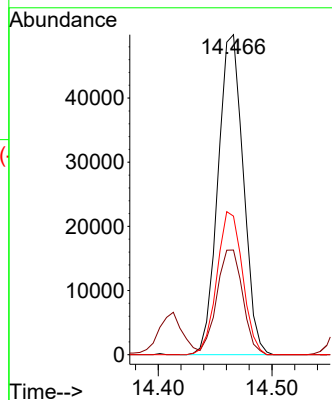
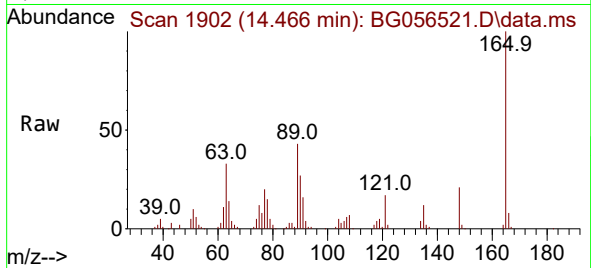




#51
2,6-Dinitrotoluene
Concen: 44.290 ng
RT: 14.466 min Scan# 1903
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

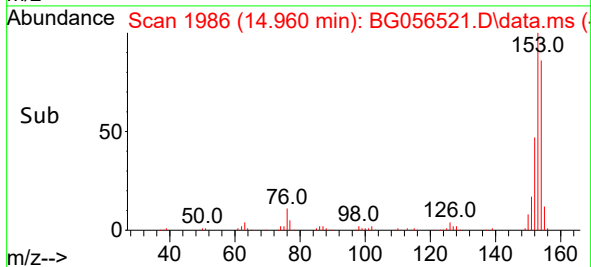
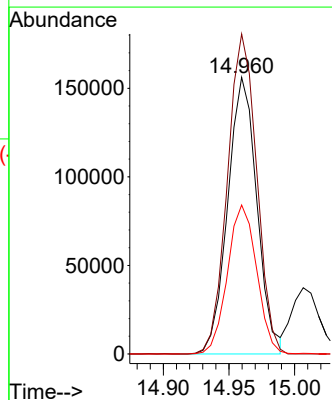
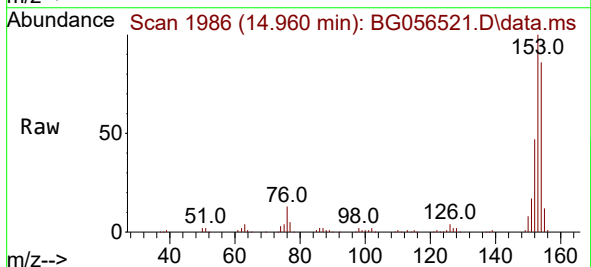
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

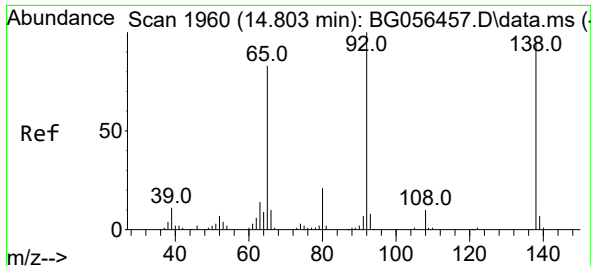
Tgt Ion:165 Resp: 77085
Ion Ratio Lower Upper
165 100
63 32.7 26.9 40.3
89 43.3 35.6 53.4



#52
Acenaphthene
Concen: 44.786 ng
RT: 14.960 min Scan# 1986
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

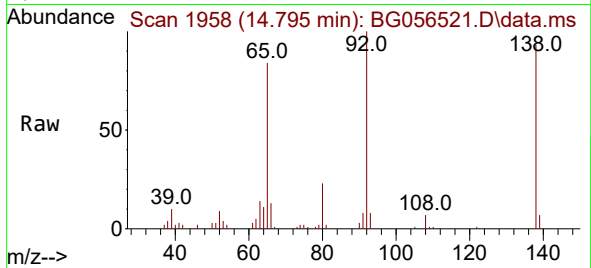
Tgt Ion:154 Resp: 241664
Ion Ratio Lower Upper
154 100
153 115.7 93.4 140.0
152 53.8 43.4 65.2



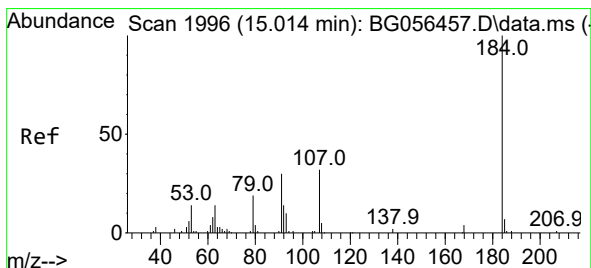
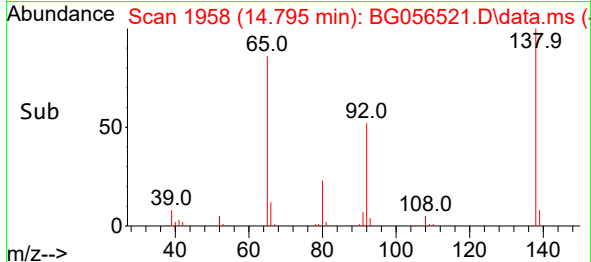
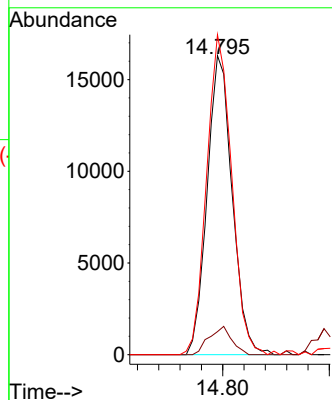


#53
3-Nitroaniline
Concen: 15.775 ng
RT: 14.795 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

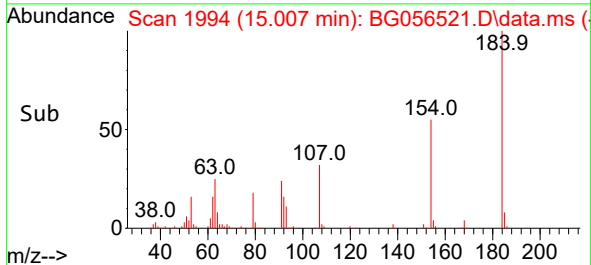
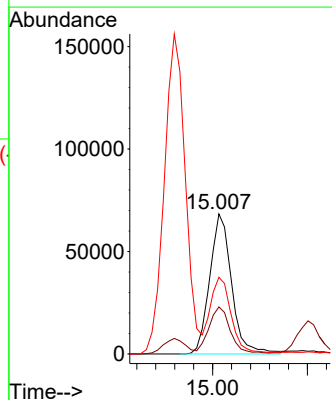
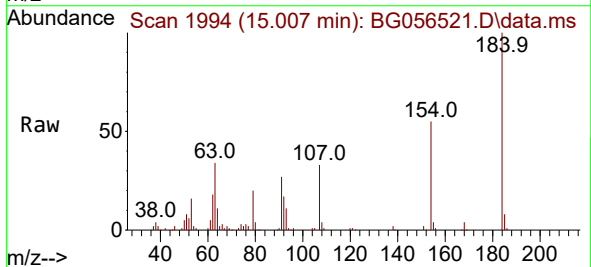


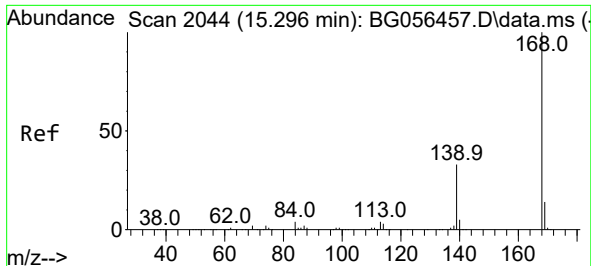
Tgt Ion:138 Resp: 26618
Ion Ratio Lower Upper
138 100
108 7.7 8.0 12.0#
92 107.0 84.1 126.1



#54
2,4-Dinitrophenol
Concen: 100.410 ng
RT: 15.007 min Scan# 1994
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:184 Resp: 109559
Ion Ratio Lower Upper
184 100
63 33.6 25.1 37.7
154 54.8 44.8 67.2

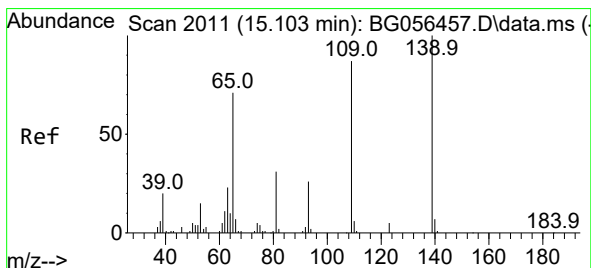
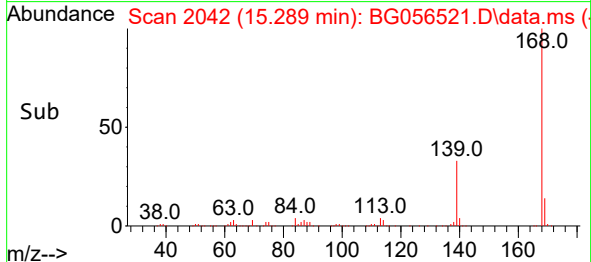
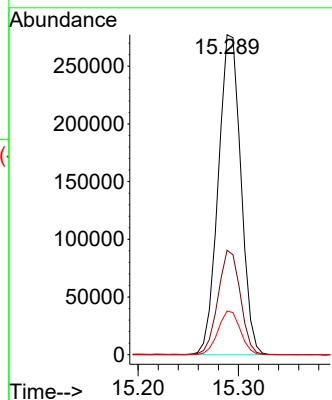
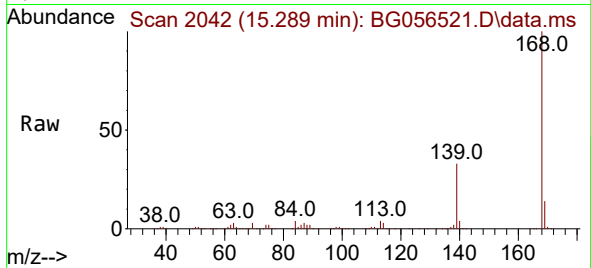




#55
Dibenzofuran
Concen: 44.713 ng
RT: 15.289 min Scan# 2044
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

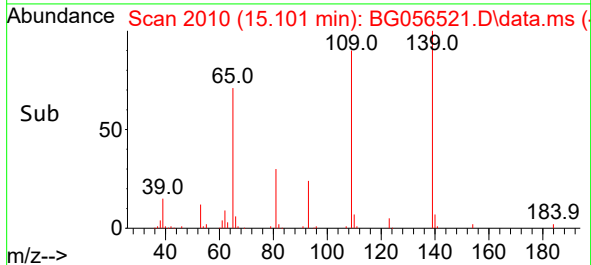
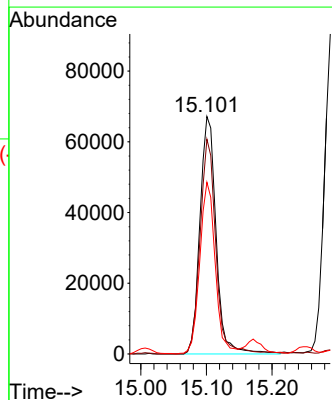
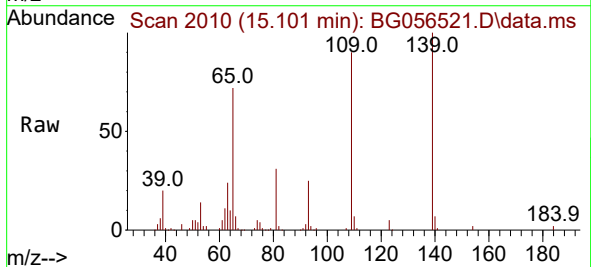
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

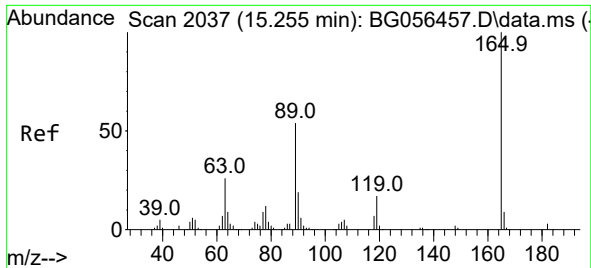
Tgt Ion:168 Resp: 432687
Ion Ratio Lower Upper
168 100
139 32.6 26.2 39.2
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 100.203 ng
RT: 15.101 min Scan# 2010
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:139 Resp: 115528
Ion Ratio Lower Upper
139 100
109 90.4 67.5 107.5
65 72.3 50.7 90.7





#57

2,4-Dinitrotoluene

Concen: 45.101 ng

RT: 15.253 min Scan# 2037

Delta R.T. 0.004 min

Lab File: BG056521.D

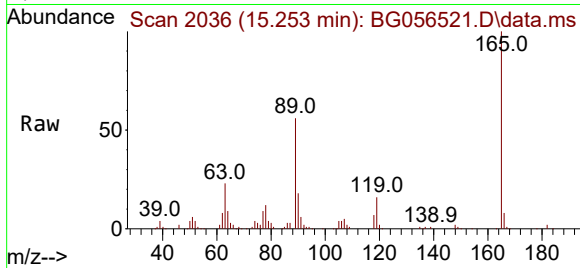
Acq: 2 Feb 2023 19:34

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MS



Tgt Ion:165 Resp: 110568

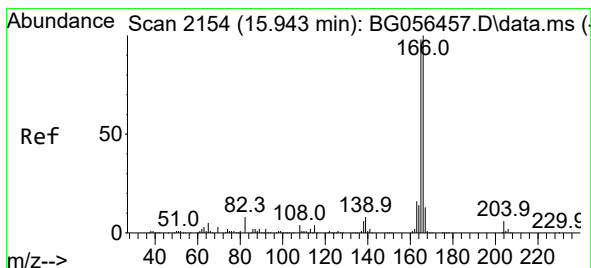
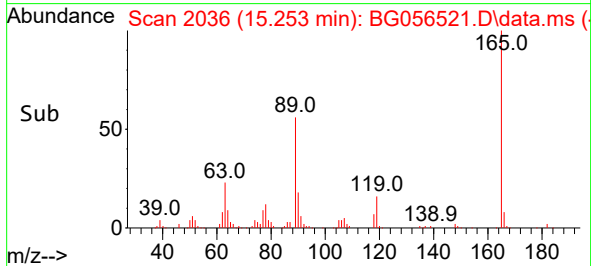
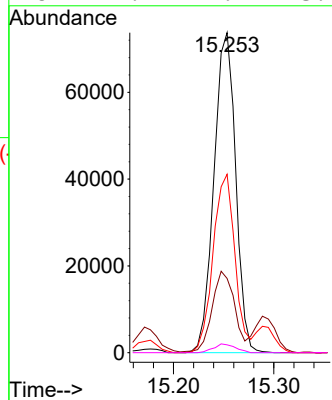
Ion Ratio Lower Upper

165 100

63 23.2 20.6 31.0

89 55.7 43.1 64.7

182 2.4 2.4 3.6



#58

Fluorene

Concen: 45.387 ng

RT: 15.941 min Scan# 2153

Delta R.T. 0.004 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

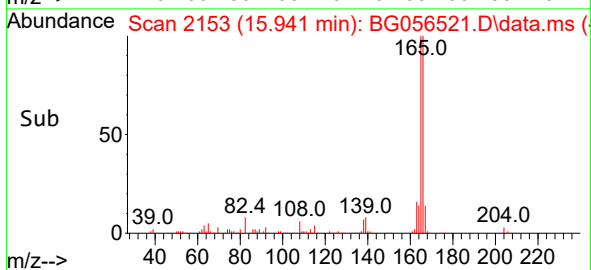
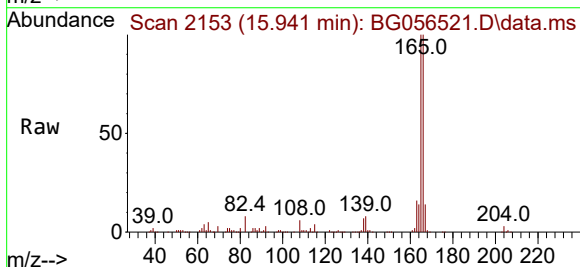
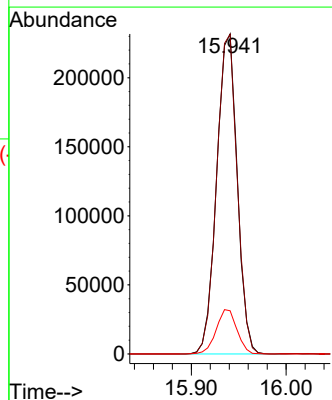
Tgt Ion:166 Resp: 349488

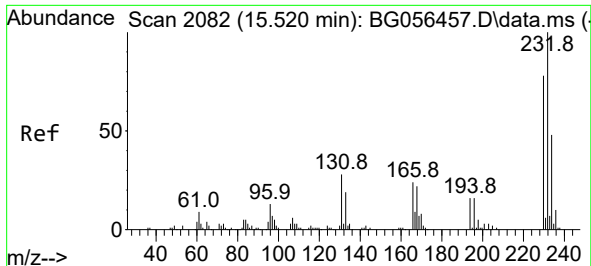
Ion Ratio Lower Upper

166 100

165 99.9 78.8 118.2

167 13.5 10.6 15.8

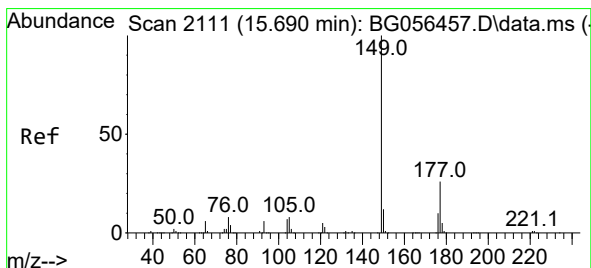
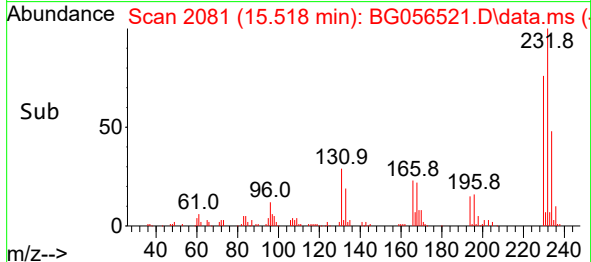
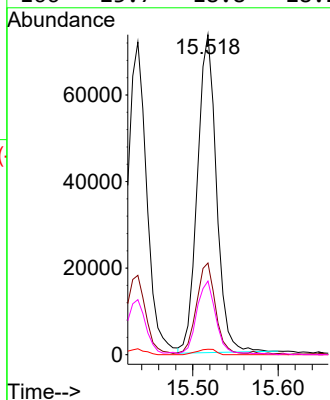
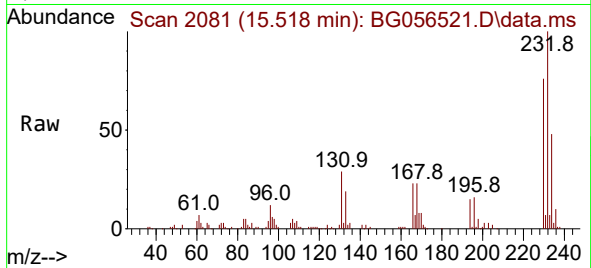




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.134 ng
RT: 15.518 min Scan# 2081
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

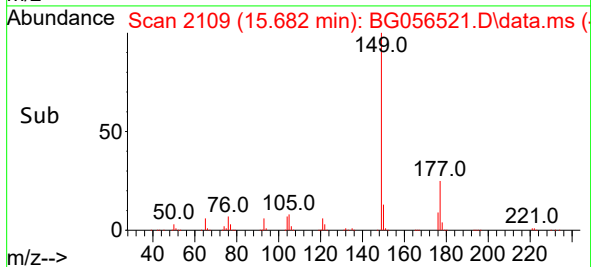
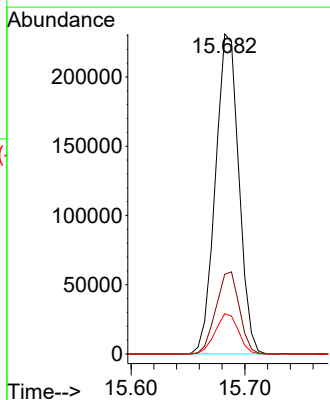
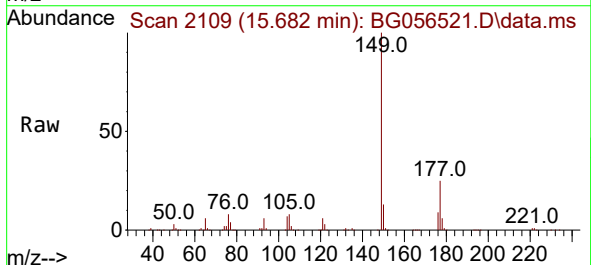
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

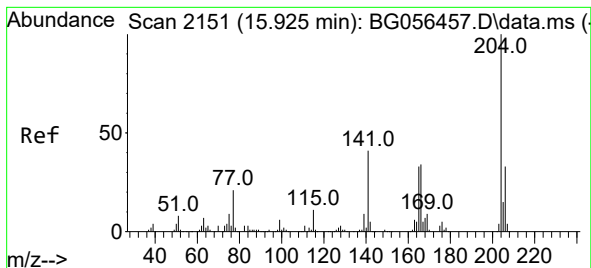
Tgt Ion:232 Resp: 113957
Ion Ratio Lower Upper
232 100
131 28.0 22.8 34.2
130 1.7 1.4 2.0
166 23.7 18.8 28.2



#60
Diethylphthalate
Concen: 44.062 ng
RT: 15.682 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:149 Resp: 330211
Ion Ratio Lower Upper
149 100
177 24.9 21.0 31.4
150 12.6 9.9 14.9

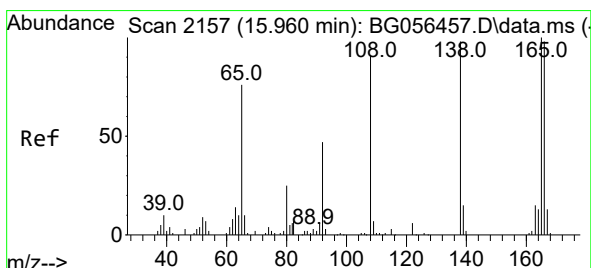
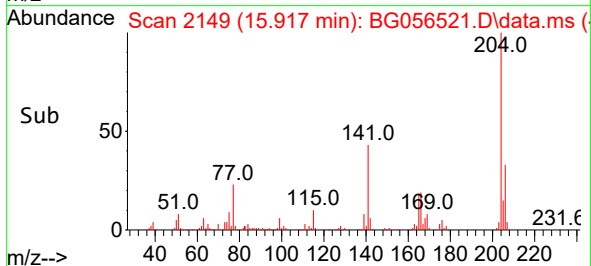
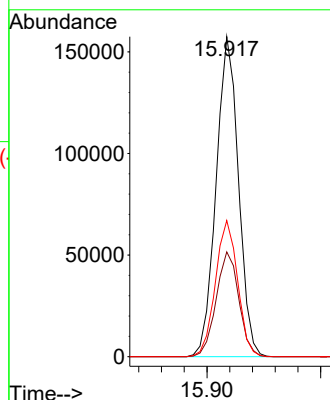
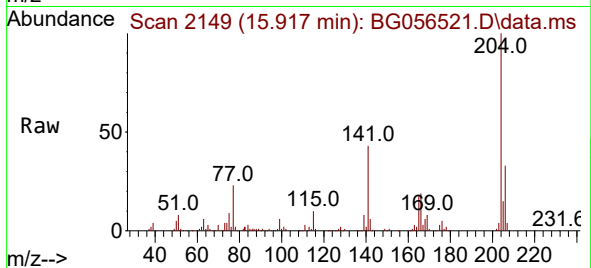




#61
4-Chlorophenyl-phenylether
Concen: 45.677 ng
RT: 15.917 min Scan# 2151
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

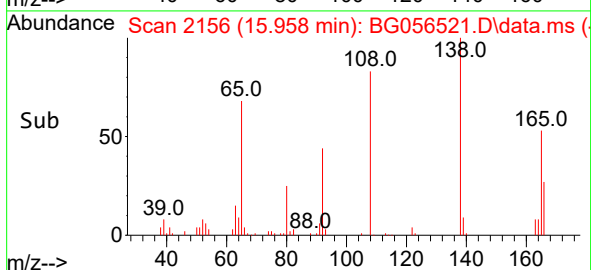
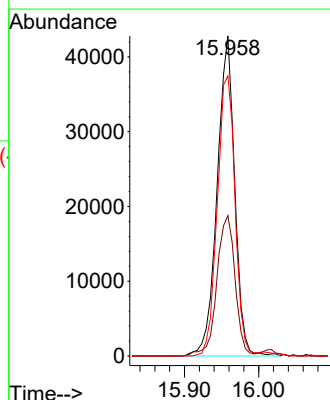
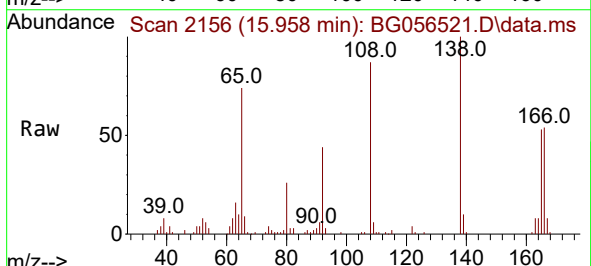
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

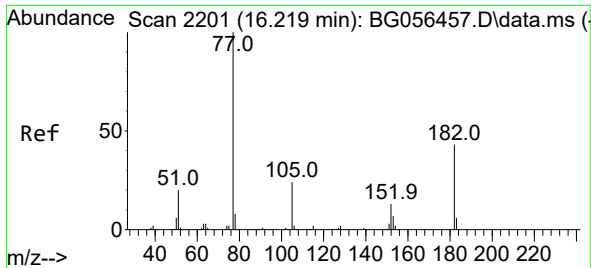
Tgt Ion:204 Resp: 214618
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 42.5 32.7 49.1



#62
4-Nitroaniline
Concen: 41.731 ng
RT: 15.958 min Scan# 2156
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:138 Resp: 70457
Ion Ratio Lower Upper
138 100
92 43.9 27.8 67.8
108 87.5 72.6 112.6

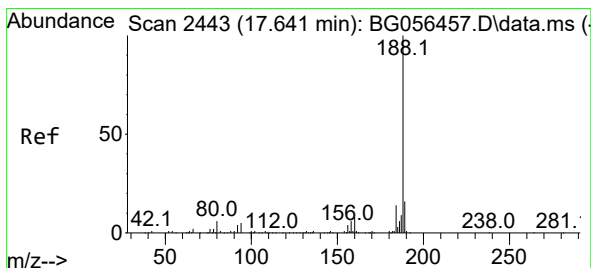
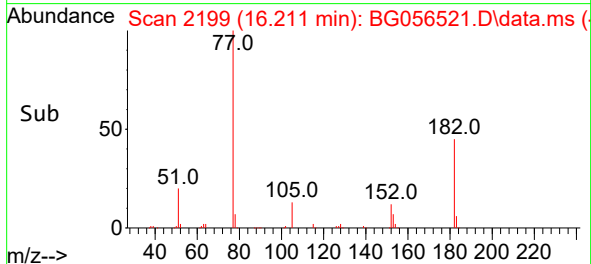
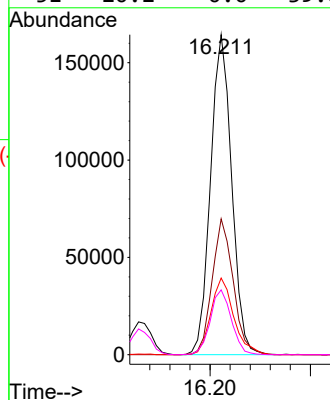
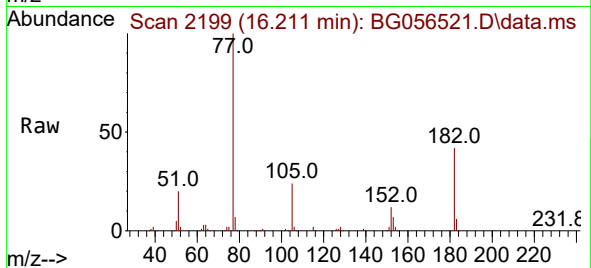




#63
Azobenzene
Concen: 46.553 ng
RT: 16.211 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

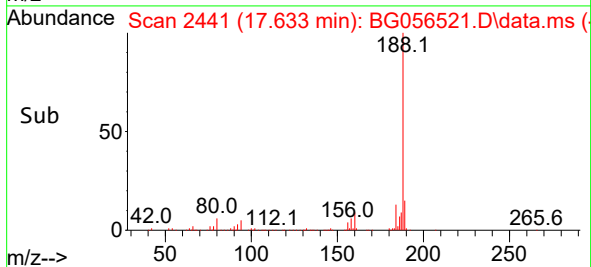
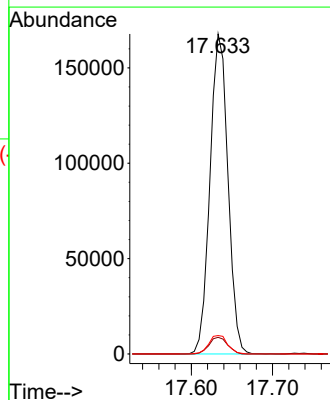
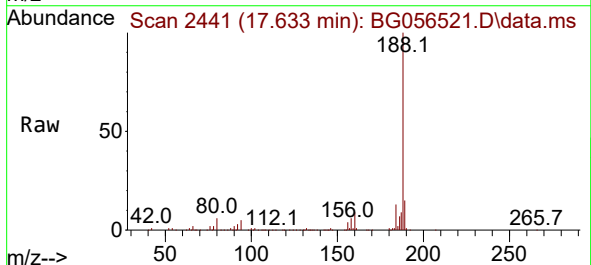
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

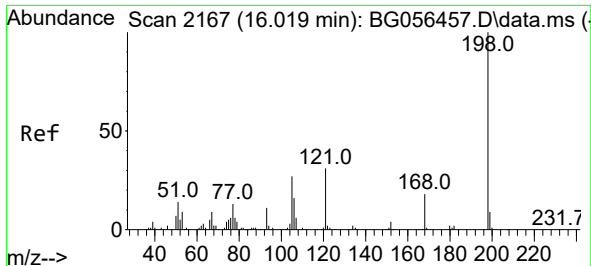
Tgt Ion:	77	Resp:	240056
Ion	Ratio	Lower	Upper
77	100		
182	42.5	23.1	63.1
105	23.9	4.2	44.2
51	20.2	0.0	39.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.633 min Scan# 2441
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:	188	Resp:	257114
Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.1	6.1
80	5.8	5.0	7.4

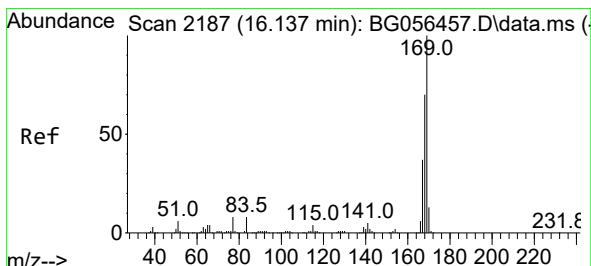
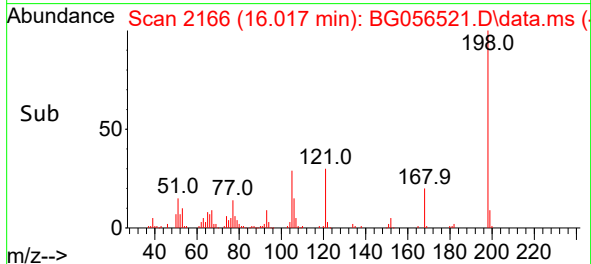
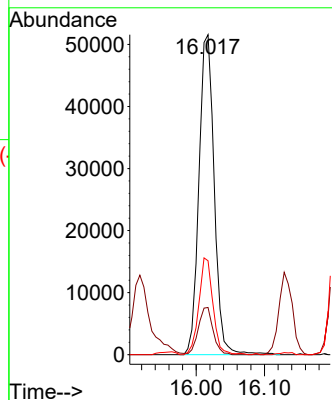
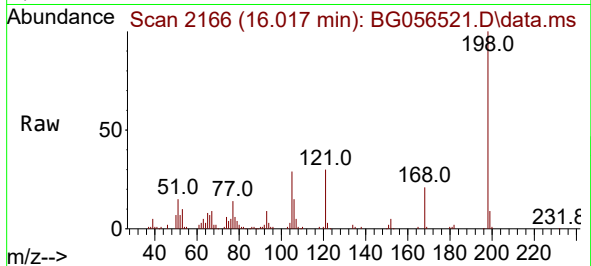




#65
4,6-Dinitro-2-methylphenol
Concen: 44.373 ng
RT: 16.017 min Scan# 2166
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

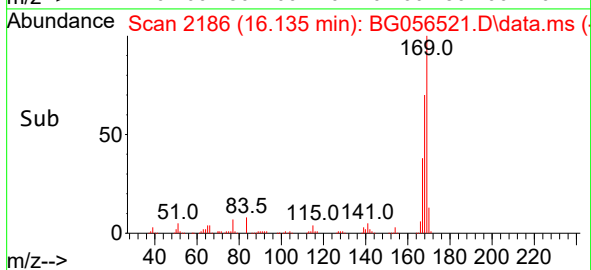
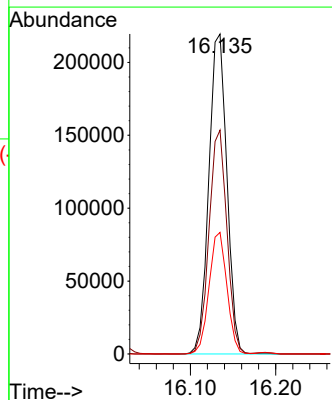
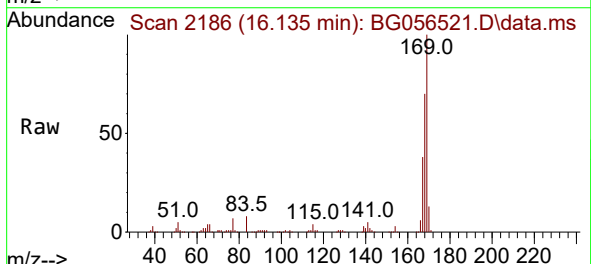
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

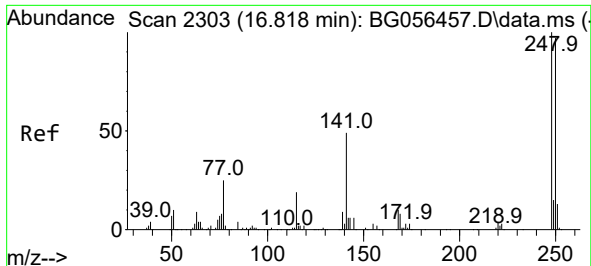
Tgt Ion:198 Resp: 80211
Ion Ratio Lower Upper
198 100
51 14.8 0.0 35.0
105 29.3 7.4 47.4



#66
n-Nitrosodiphenylamine
Concen: 44.250 ng
RT: 16.135 min Scan# 2186
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:169 Resp: 322122
Ion Ratio Lower Upper
169 100
168 69.9 55.8 83.6
167 38.0 29.8 44.8

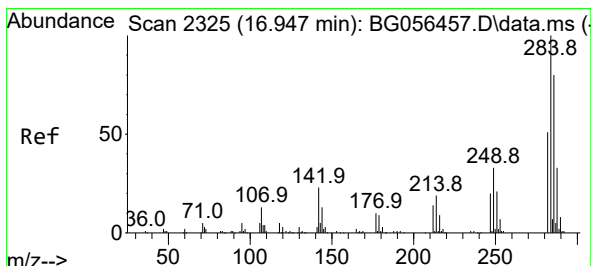
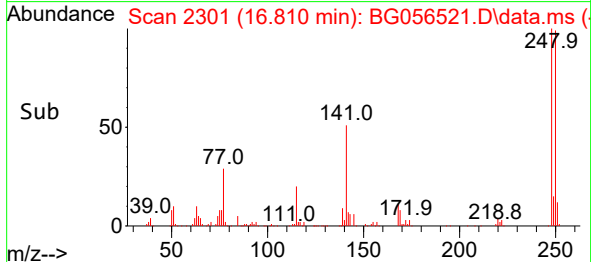
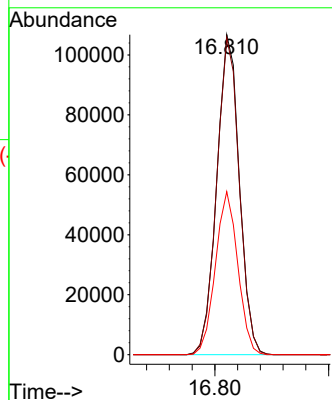
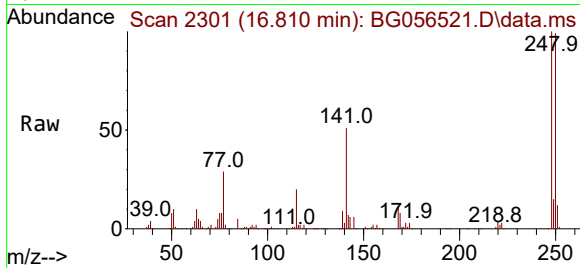




#67
4-Bromophenyl-phenylether
Concen: 44.850 ng
RT: 16.810 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

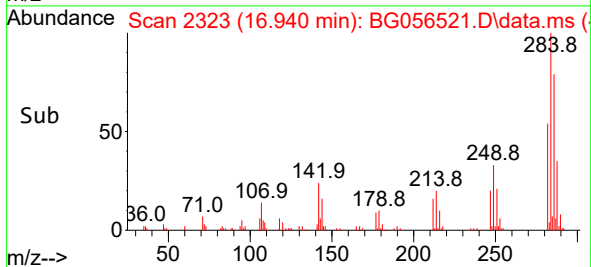
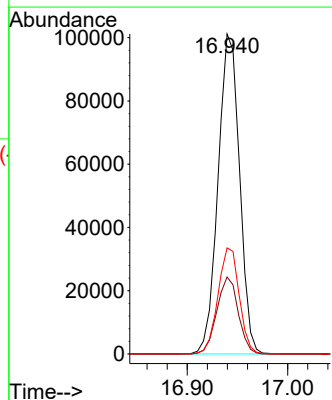
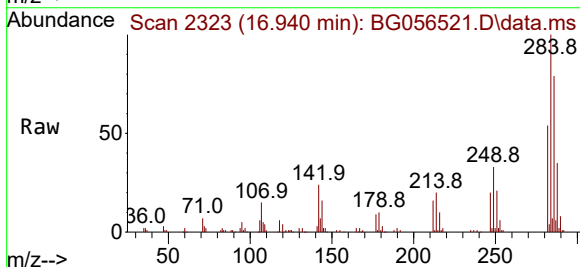
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

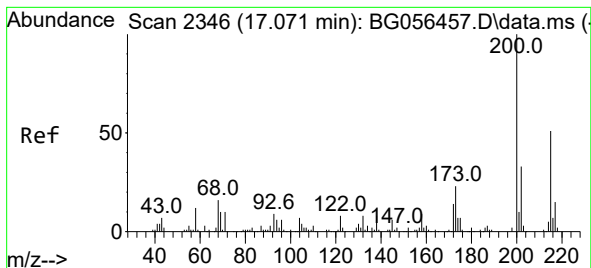
Tgt Ion:248 Resp: 147623
Ion Ratio Lower Upper
248 100
250 99.1 77.6 116.4
141 50.9 39.0 58.4



#68
Hexachlorobenzene
Concen: 46.579 ng
RT: 16.940 min Scan# 2323
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:284 Resp: 150161
Ion Ratio Lower Upper
284 100
142 24.0 18.0 27.0
249 33.2 26.7 40.1





#69

Atrazine

Concen: 50.476 ng

RT: 17.069 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MS

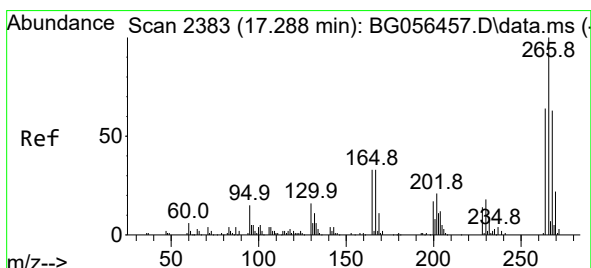
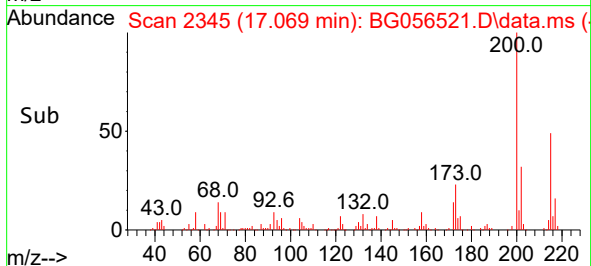
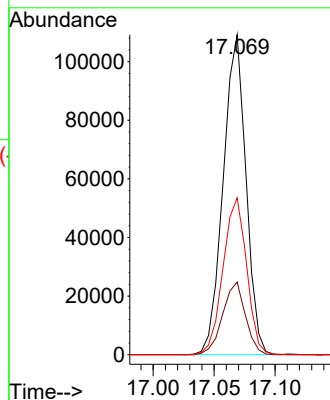
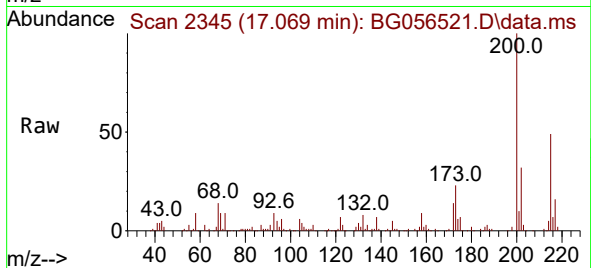
Tgt Ion:200 Resp: 141757

Ion Ratio Lower Upper

200 100

173 22.7 3.2 43.2

215 49.0 30.7 70.7



#70

Pentachlorophenol

Concen: 82.528 ng

RT: 17.286 min Scan# 2382

Delta R.T. 0.004 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

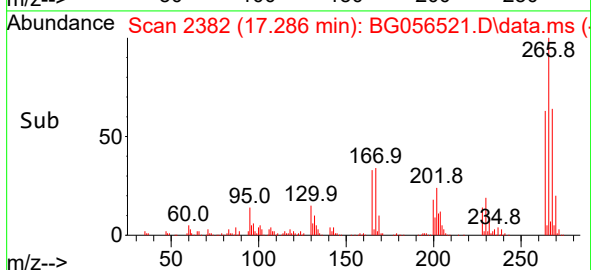
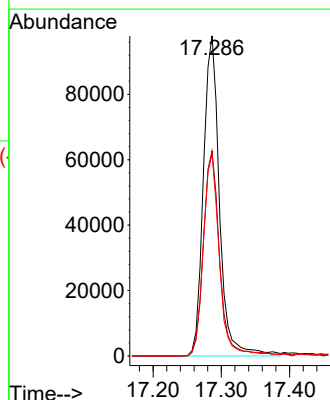
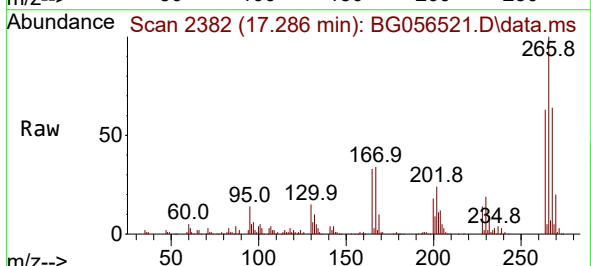
Tgt Ion:266 Resp: 160985

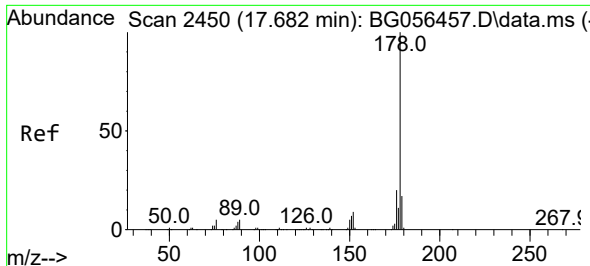
Ion Ratio Lower Upper

266 100

268 64.1 50.2 75.4

264 63.2 51.4 77.0

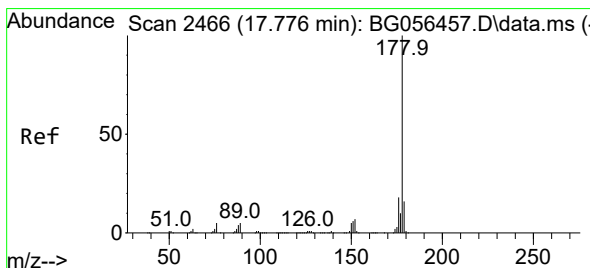
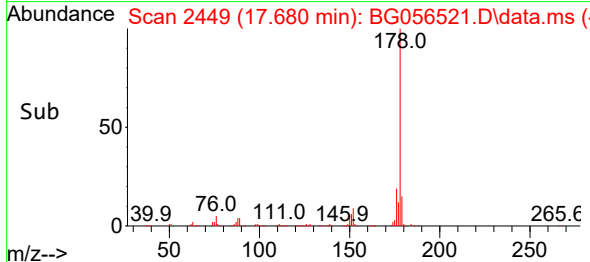
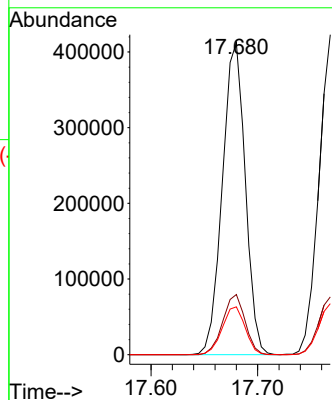
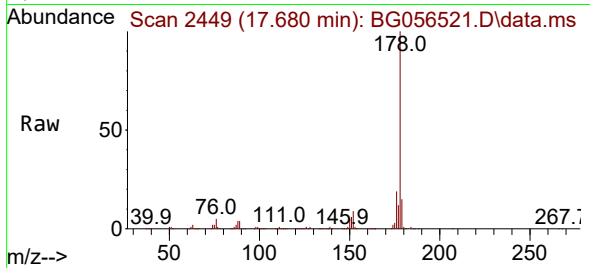




#71
Phenanthrene
Concen: 45.692 ng
RT: 17.680 min Scan# 2449
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

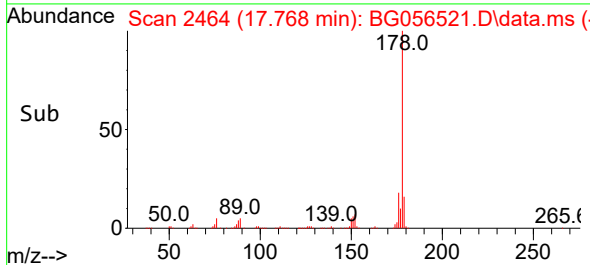
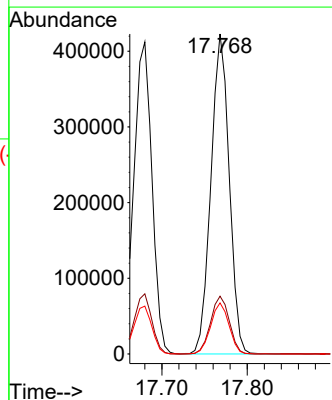
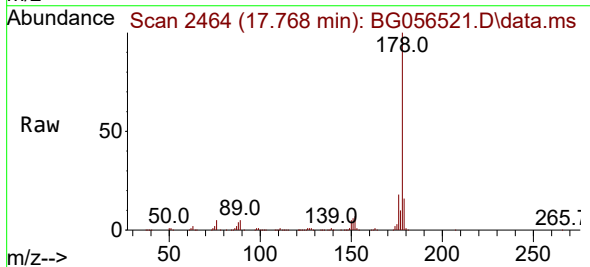
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

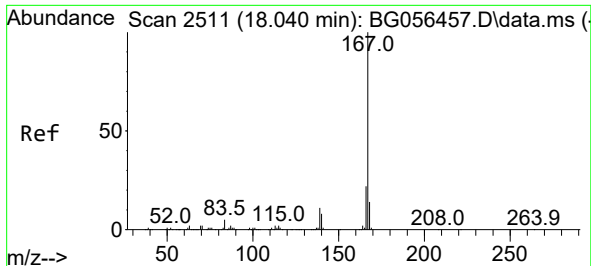
Tgt Ion:178 Resp: 614873
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.4 13.3 19.9



#72
Anthracene
Concen: 45.679 ng
RT: 17.768 min Scan# 2464
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:178 Resp: 630997
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 16.0 12.5 18.7

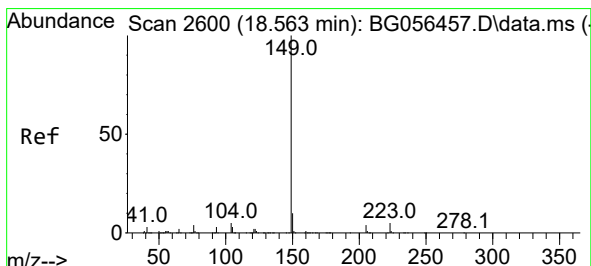
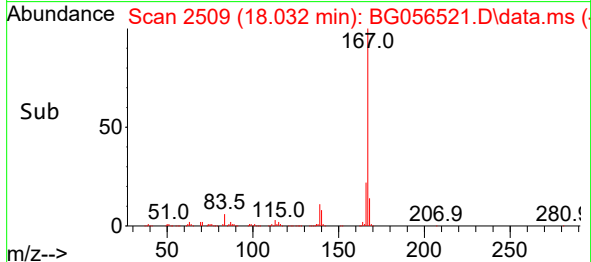
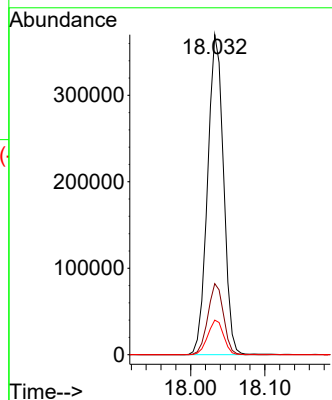
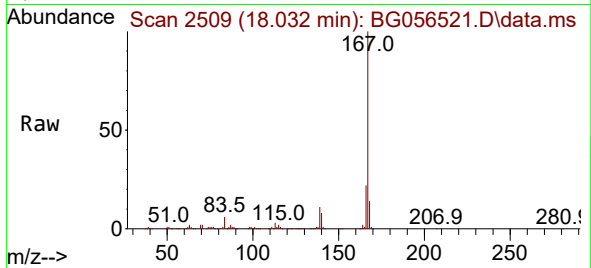




#73
 Carbazole
 Concen: 47.004 ng
 RT: 18.032 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056521.D
 Acq: 2 Feb 2023 19:34

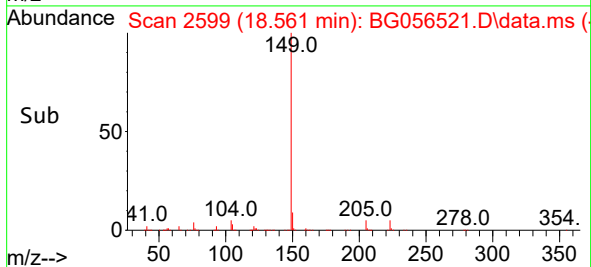
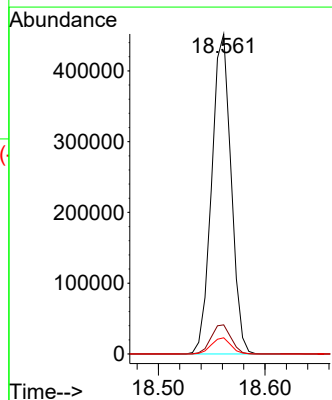
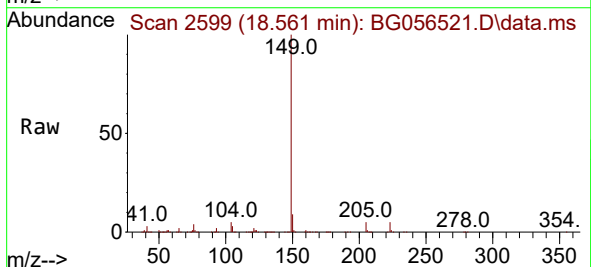
Instrument :
 BNA_G
 ClientSampleId :
 E-H5(31.5-33.5)MS

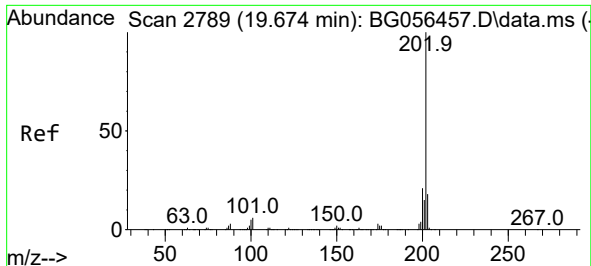
Tgt Ion:167 Resp: 553013
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 10.8 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 46.175 ng
 RT: 18.561 min Scan# 2599
 Delta R.T. -0.002 min
 Lab File: BG056521.D
 Acq: 2 Feb 2023 19:34

Tgt Ion:149 Resp: 570414
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 5.1 4.0 6.0

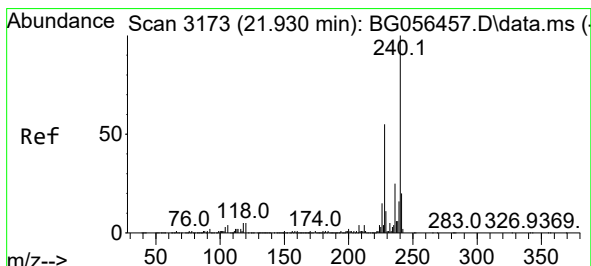
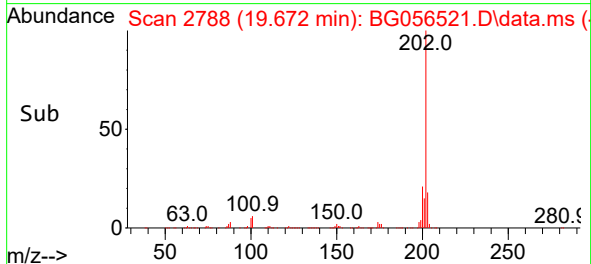
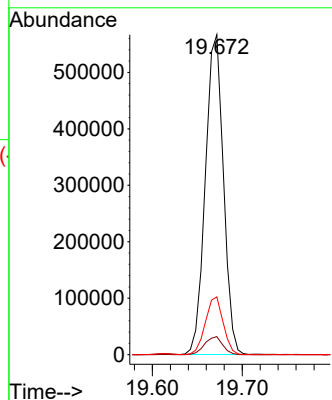
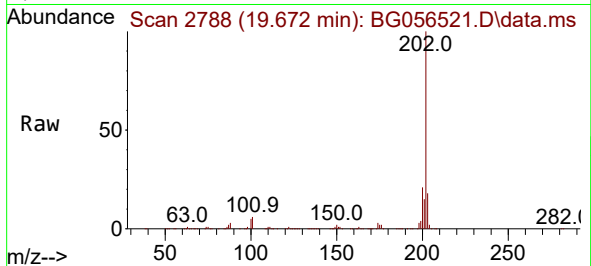




#75
Fluoranthene
Concen: 46.623 ng
RT: 19.672 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

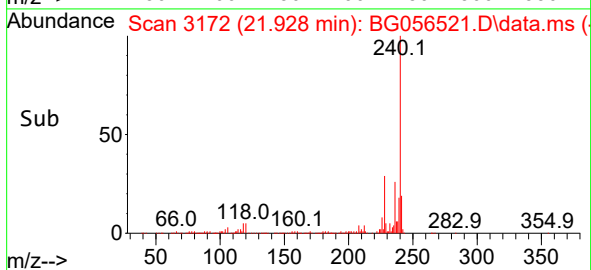
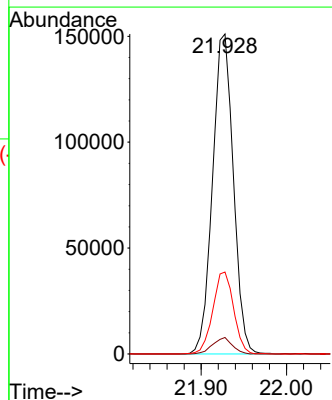
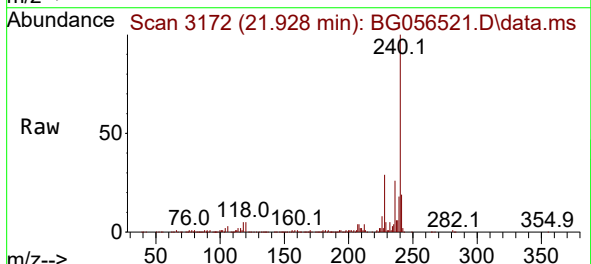
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

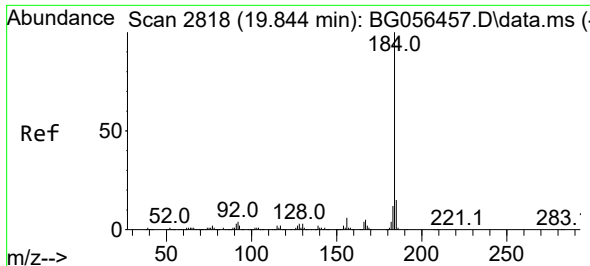
Tgt Ion:202 Resp: 791859
Ion Ratio Lower Upper
202 100
101 5.6 0.0 25.6
203 18.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3172
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:240 Resp: 255897
Ion Ratio Lower Upper
240 100
120 5.1 3.8 5.8
236 25.6 20.2 30.2

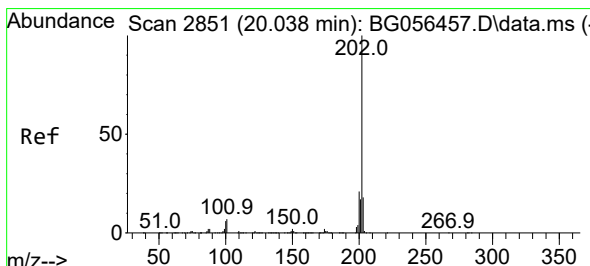
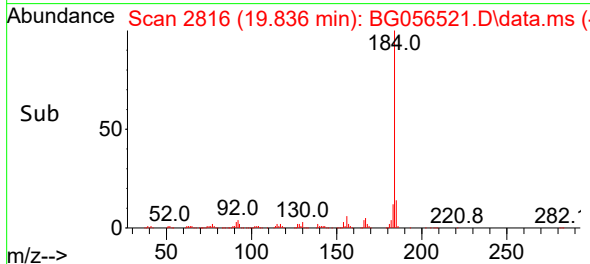
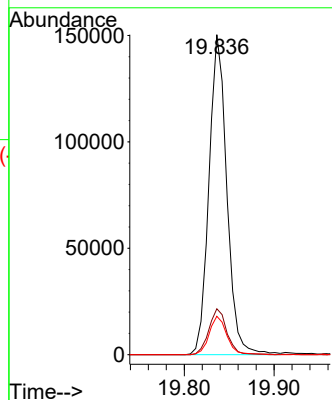
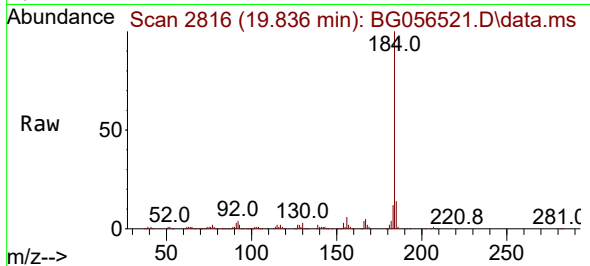




#77
Benzidine
Concen: 29.972 ng
RT: 19.836 min Scan# 2818
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

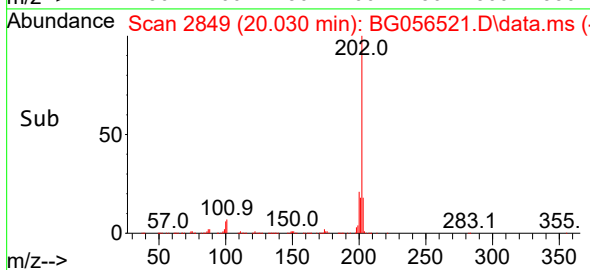
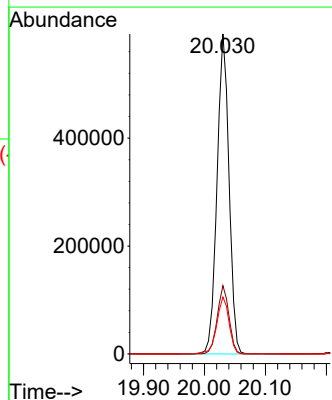
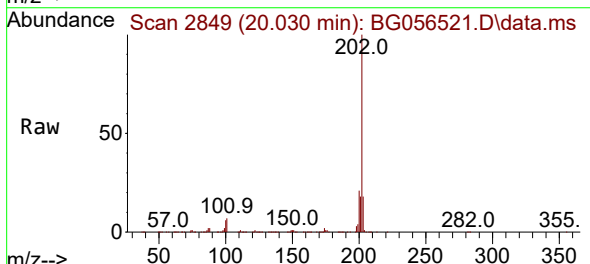
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

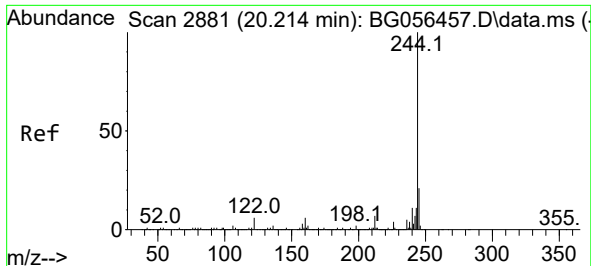
Tgt Ion:184 Resp: 207554
Ion Ratio Lower Upper
184 100
185 14.3 12.3 18.5
183 12.0 9.8 14.8



#78
Pyrene
Concen: 44.330 ng
RT: 20.030 min Scan# 2849
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:202 Resp: 806801
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.8 14.4 21.6

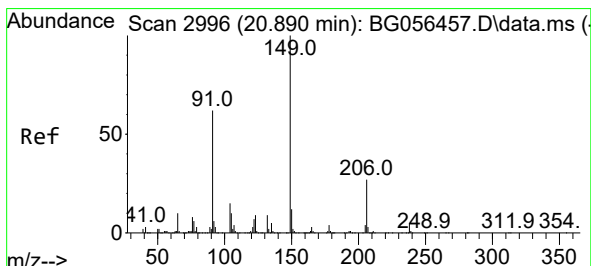
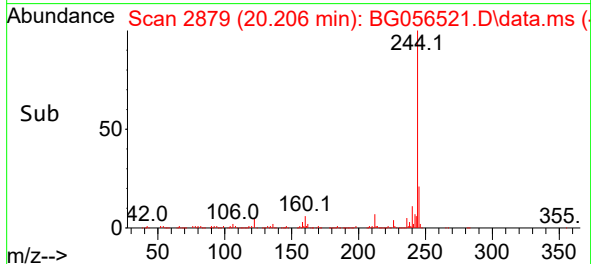
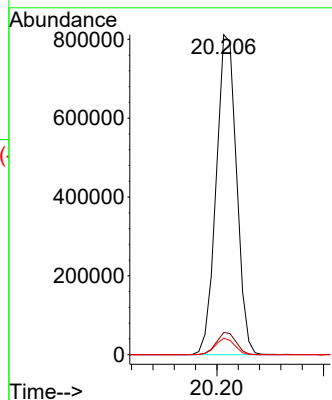
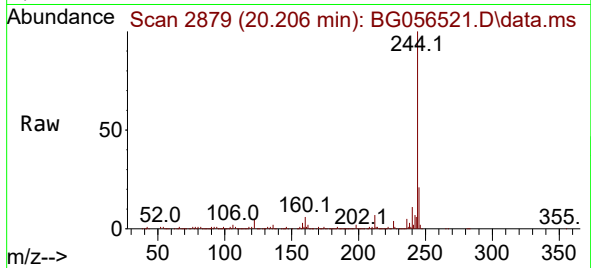




#79
 Terphenyl-d14
 Concen: 73.750 ng
 RT: 20.206 min Scan# 2879
 Delta R.T. -0.002 min
 Lab File: BG056521.D
 Acq: 2 Feb 2023 19:34

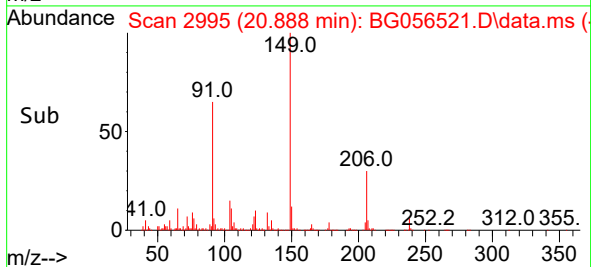
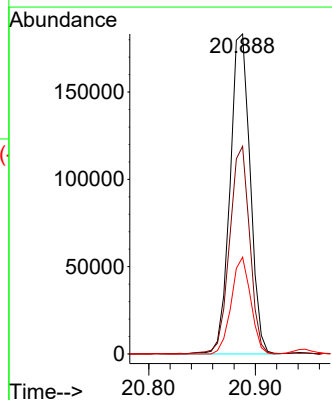
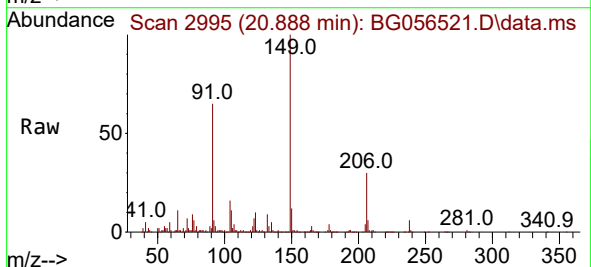
Instrument :
 BNA_G
 ClientSampleId :
 E-H5(31.5-33.5)MS

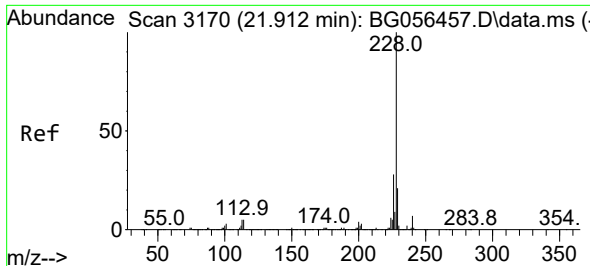
Tgt Ion:244 Resp: 1074514
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.1 4.4 6.6



#80
 Butylbenzylphthalate
 Concen: 43.309 ng
 RT: 20.888 min Scan# 2995
 Delta R.T. 0.004 min
 Lab File: BG056521.D
 Acq: 2 Feb 2023 19:34

Tgt Ion:149 Resp: 240723
 Ion Ratio Lower Upper
 149 100
 91 64.9 49.4 74.0
 206 30.3 22.0 33.0

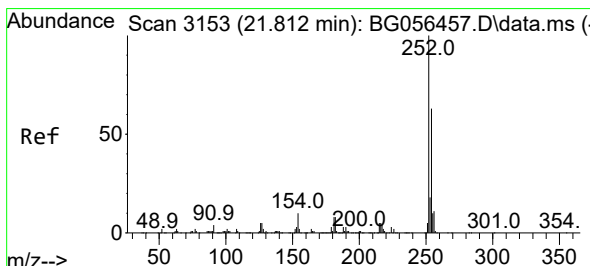
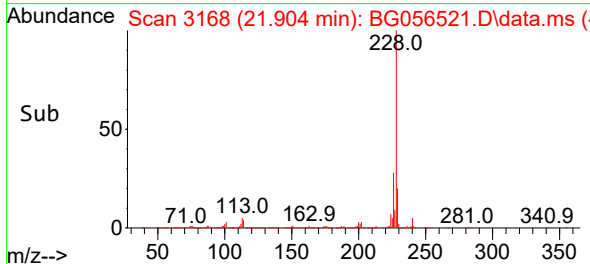
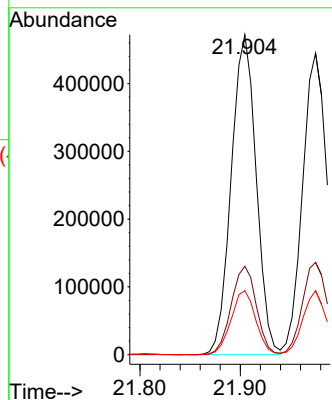
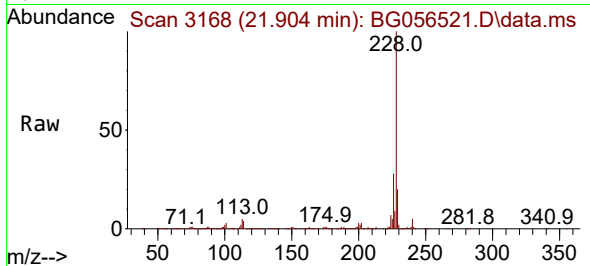




#81
Benzo(a)anthracene
Concen: 45.589 ng
RT: 21.904 min Scan# 3170
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

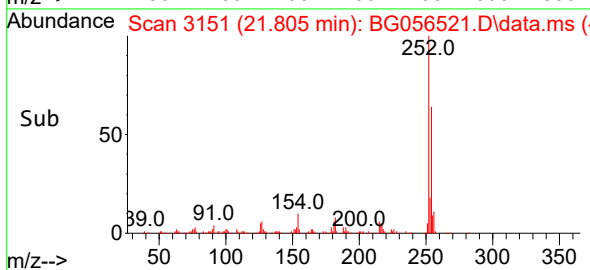
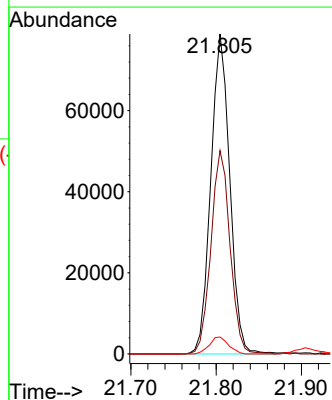
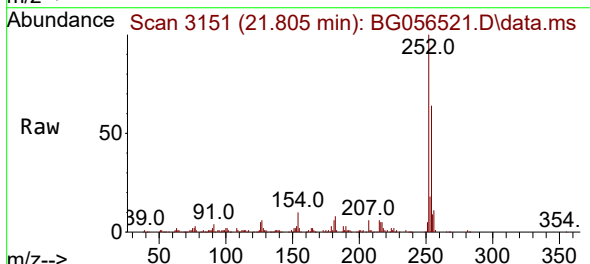
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

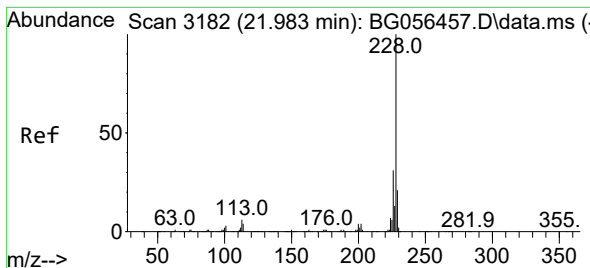
Tgt Ion:228 Resp: 815583
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.0 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 18.944 ng
RT: 21.805 min Scan# 3151
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:252 Resp: 122046
Ion Ratio Lower Upper
252 100
254 63.5 50.0 75.0
126 5.3 4.3 6.5





#83

Chrysene

Concen: 44.918 ng

RT: 21.975 min Scan# 3180

Delta R.T. -0.002 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MS

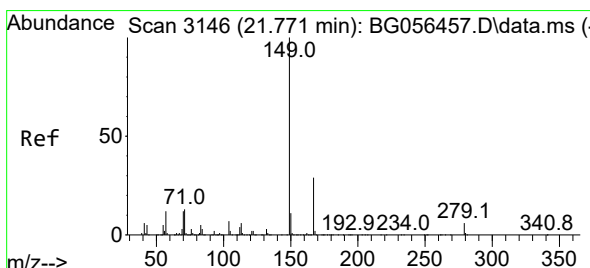
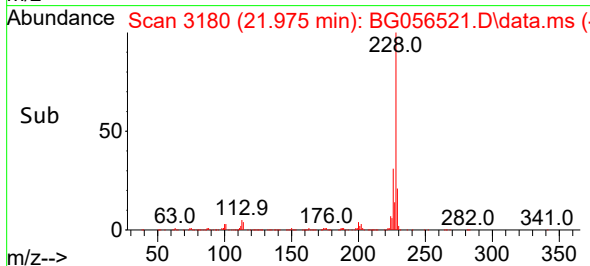
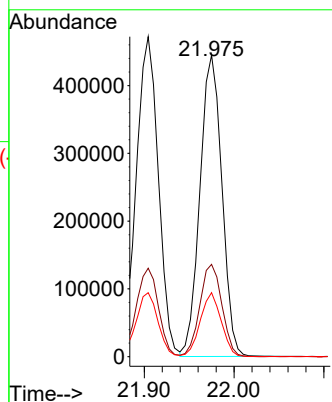
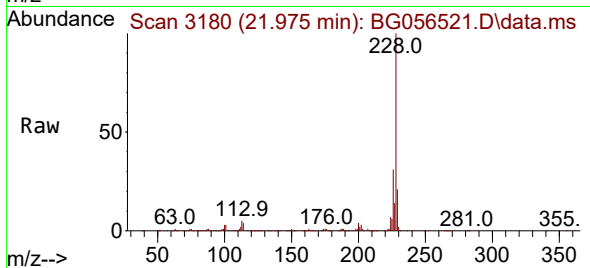
Tgt Ion:228 Resp: 754957

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.4

229 21.2 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.927 ng

RT: 21.763 min Scan# 3144

Delta R.T. -0.002 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

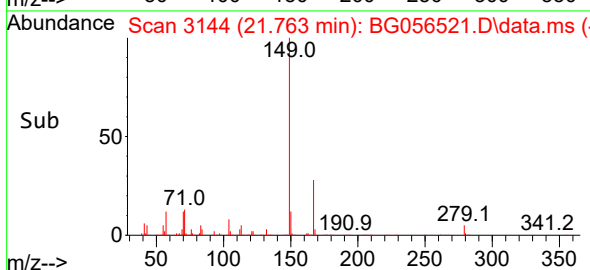
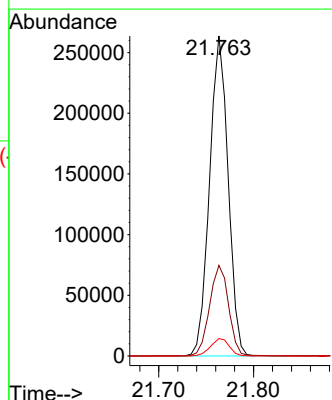
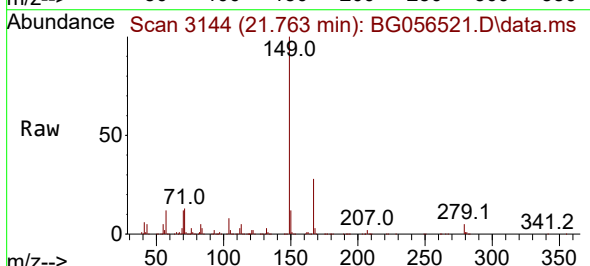
Tgt Ion:149 Resp: 358029

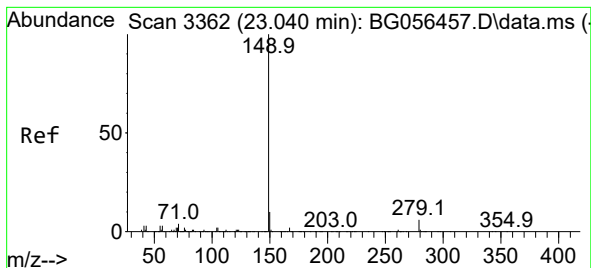
Ion Ratio Lower Upper

149 100

167 28.3 23.4 35.2

279 5.5 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 46.336 ng

RT: 23.033 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MS

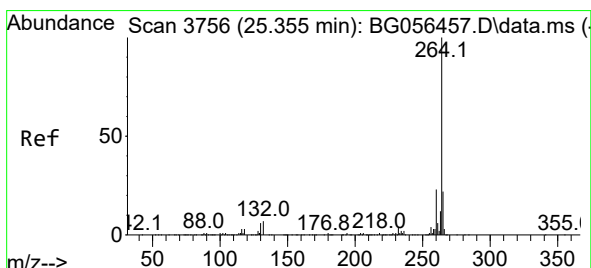
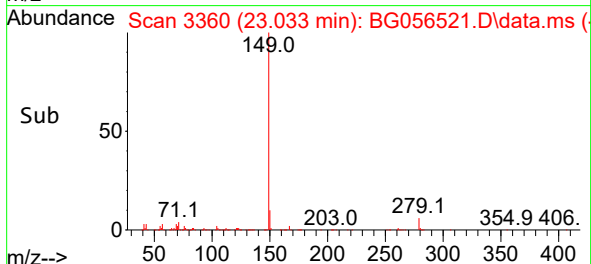
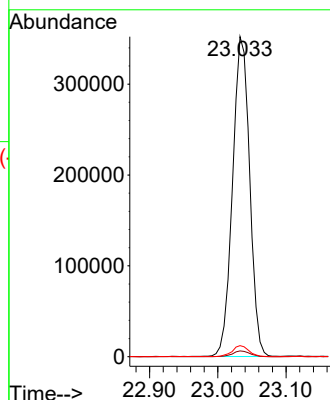
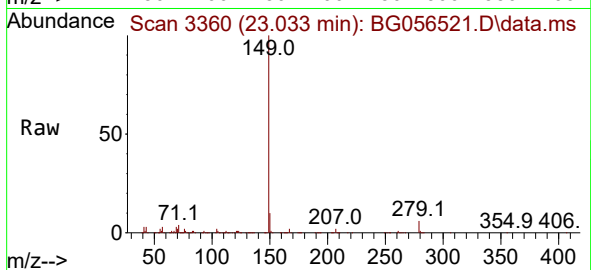
Tgt Ion:149 Resp: 614944

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 3.4 2.7 4.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.347 min Scan# 3754

Delta R.T. 0.004 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

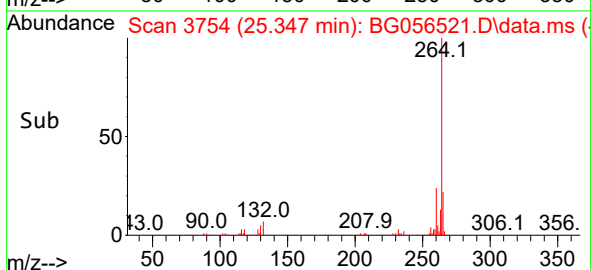
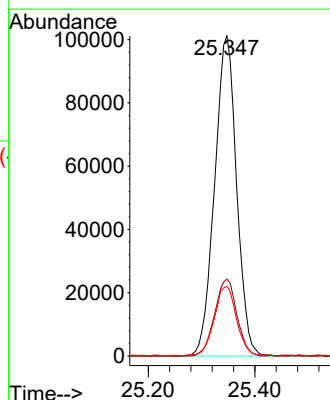
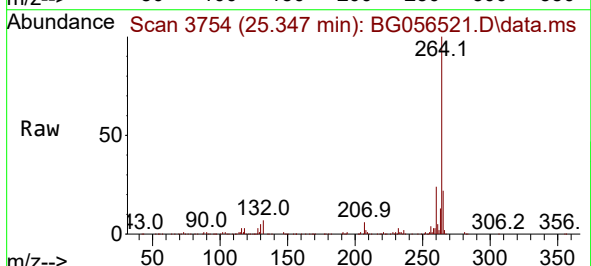
Tgt Ion:264 Resp: 288878

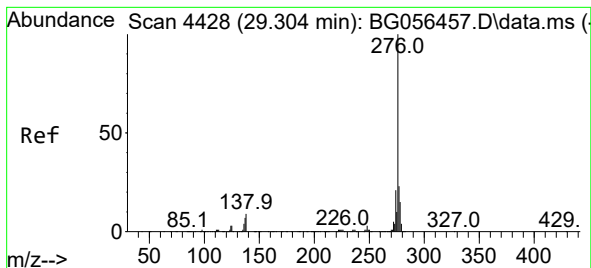
Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 21.7 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.786 ng

RT: 29.284 min Scan# 4428

Delta R.T. 0.004 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MS

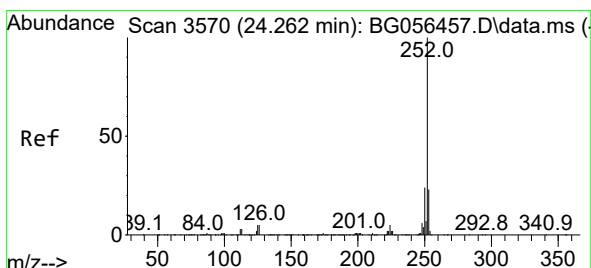
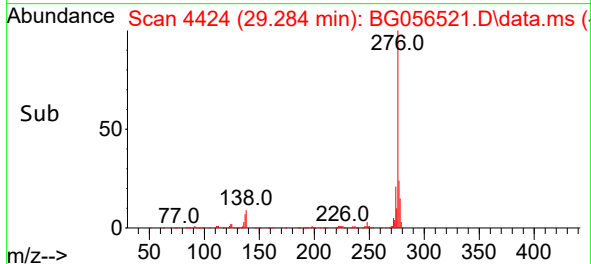
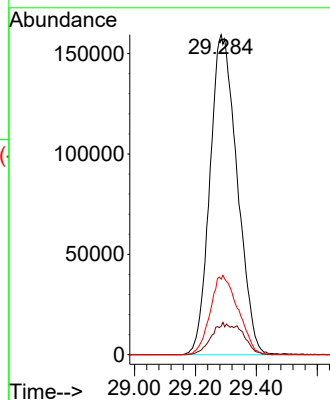
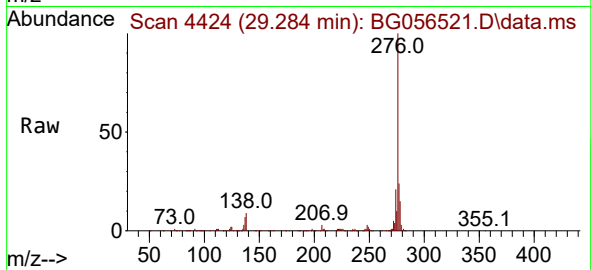
Tgt Ion:276 Resp: 989351

Ion Ratio Lower Upper

276 100

138 7.6 9.4 14.2#

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 48.613 ng

RT: 24.255 min Scan# 3568

Delta R.T. 0.004 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

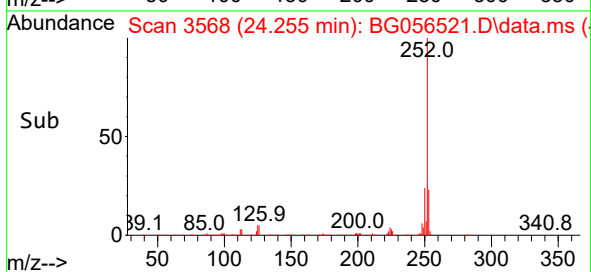
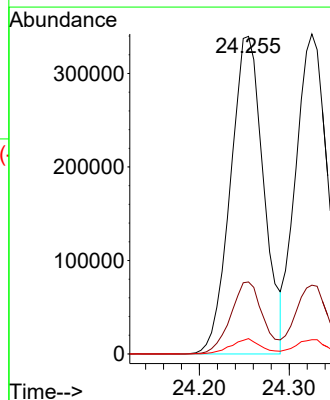
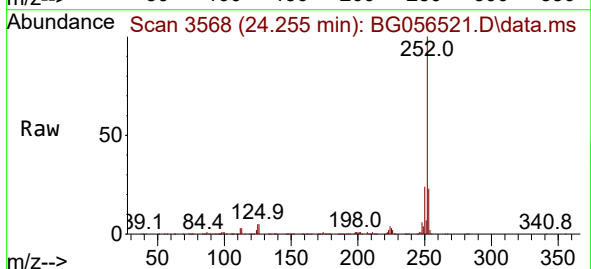
Tgt Ion:252 Resp: 871648

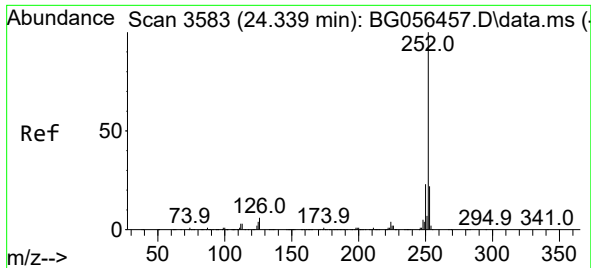
Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 4.8 3.9 5.9

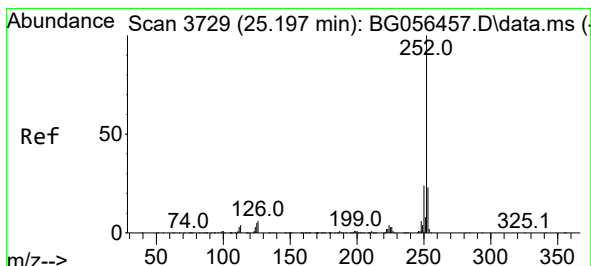
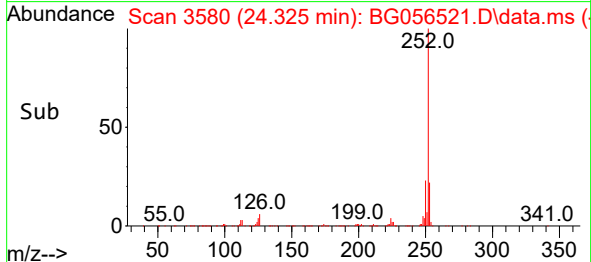
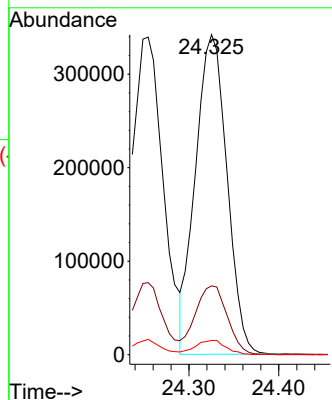
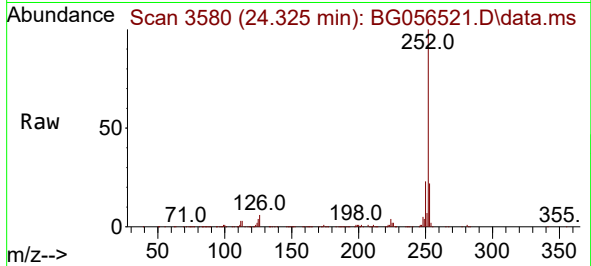




#89
Benzo(k)fluoranthene
Concen: 46.020 ng
RT: 24.325 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

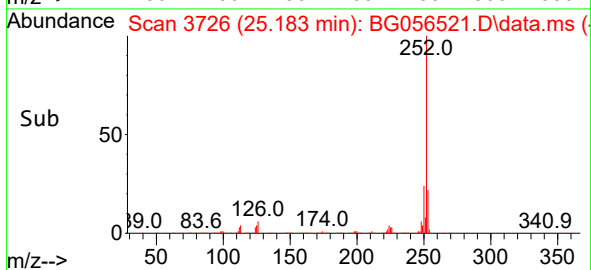
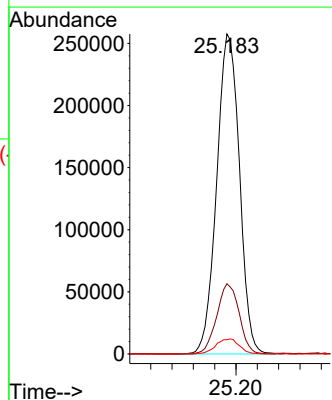
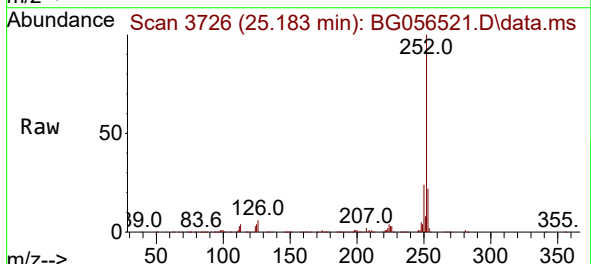
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

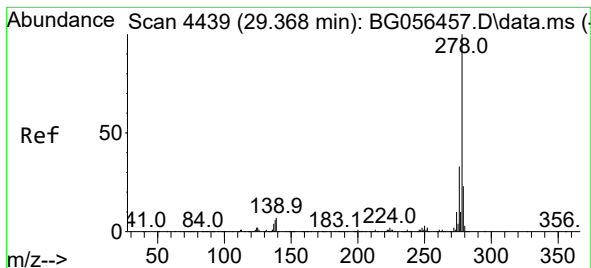
Tgt Ion:252 Resp: 833113
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 4.4 3.4 5.0



#90
Benzo(a)pyrene
Concen: 43.196 ng
RT: 25.183 min Scan# 3726
Delta R.T. -0.002 min
Lab File: BG056521.D
Acq: 2 Feb 2023 19:34

Tgt Ion:252 Resp: 762944
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 4.5 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 46.112 ng

RT: 29.349 min Scan# 4435

Delta R.T. 0.004 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MS

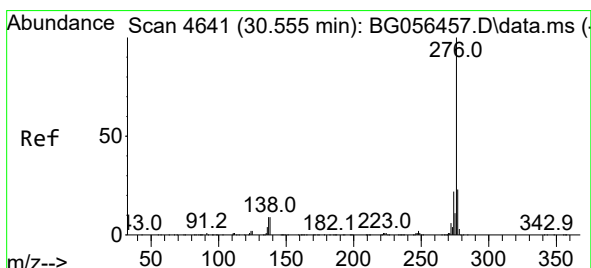
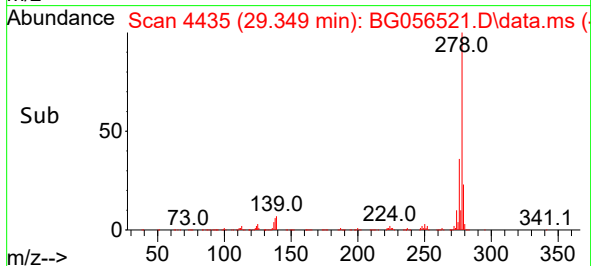
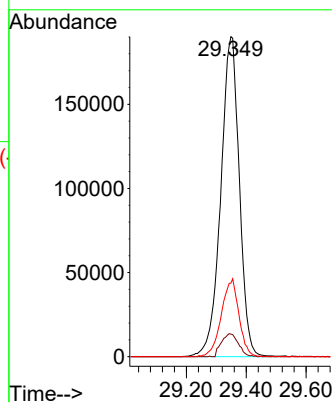
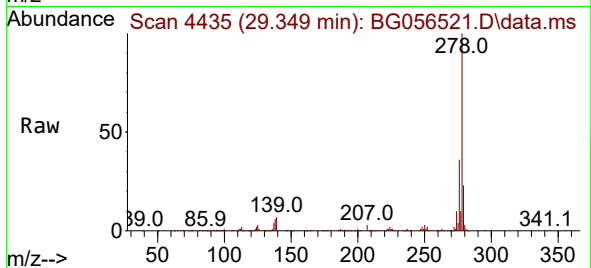
Tgt Ion:278 Resp: 818487

Ion Ratio Lower Upper

278 100

139 7.1 5.5 8.3

279 23.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 46.711 ng

RT: 30.530 min Scan# 4636

Delta R.T. 0.004 min

Lab File: BG056521.D

Acq: 2 Feb 2023 19:34

Tgt Ion:276 Resp: 800022

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 9.3 7.4 11.0

