

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057174.D
 Acq On : 25 Apr 2023 13:16
 Operator : CG/JU
 Sample : 02423-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPD-1WC-23-04-18MSD

Quant Time: Apr 25 23:58:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	13873	20.000	ng	-0.01
21) Naphthalene-d8	11.216	136	57883	20.000	ng	-0.01
39) Acenaphthene-d10	14.993	164	47674	20.000	ng	-0.01
64) Phenanthrene-d10	17.731	188	129118	20.000	ng	-0.01
76) Chrysene-d12	22.049	240	117452	20.000	ng	-0.01
86) Perylene-d12	25.561	264	122339	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.894	112	115056	150.293	ng	0.00
7) Phenol-d6	7.521	99	162385	146.604	ng	0.00
23) Nitrobenzene-d5	9.560	82	114370	97.681	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	86267	137.146	ng	-0.01
45) 2-Fluorobiphenyl	13.619	172	278289	78.449	ng	-0.01
79) Terphenyl-d14	20.304	244	584480	87.042	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.709	88	16500	48.099	ng	# 30
3) Pyridine	4.138	79	39204	37.666	ng	92
4) n-Nitrosodimethylamine	4.032	42	24661	65.683	ng	91
6) Aniline	7.692	93	47818	33.058	ng	94
8) 2-Chlorophenol	7.938	128	45772	57.075	ng	96
9) Benzaldehyde	7.504	77	30226	45.560	ng	89
10) Phenol	7.545	94	60334	54.858	ng	93
11) bis(2-Chloroethyl)ether	7.780	93	43946	50.919	ng	95
12) 1,3-Dichlorobenzene	8.414	146	47956	50.479	ng	90
13) 1,4-Dichlorobenzene	8.414	146	47956	50.088	ng	95
14) 1,2-Dichlorobenzene	8.743	146	45507	49.228	ng	95
15) Benzyl Alcohol	8.614	79	53719	65.818	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.896	45	57712	50.473	ng	96
17) 2-Methylphenol	8.814	107	44082	54.773	ng	96
18) Hexachloroethane	9.477	117	15797	48.635	ng	96
19) n-Nitroso-di-n-propyla...	9.184	70	43821	63.606	ng	93
20) 3+4-Methylphenols	9.143	107	61363	55.713	ng	96
22) Acetophenone	9.207	105	78946	50.277	ng	# 93
24) Nitrobenzene	9.601	77	64137	54.558	ng	91
25) Isophorone	10.118	82	124857	55.595	ng	96
26) 2-Nitrophenol	10.317	139	24023	54.699	ng	91
27) 2,4-Dimethylphenol	10.359	122	48434	57.379	ng	95
28) bis(2-Chloroethoxy)met...	10.594	93	61279	52.051	ng	99
29) 2,4-Dichlorophenol	10.858	162	53037	56.403	ng	95
30) 1,2,4-Trichlorobenzene	11.075	180	51902	45.138	ng	95
31) Naphthalene	11.269	128	143434	46.654	ng	99
32) Benzoic acid	10.359	122	48434	112.811	ng	# 19
33) 4-Chloroaniline	11.369	127	20349	15.054	ng	100
34) Hexachlorobutadiene	11.545	225	35892	42.332	ng	95
35) Caprolactam	12.133	113	15187	58.327	ng	# 90
36) 4-Chloro-3-methylphenol	12.462	107	60594	59.901	ng	98
37) 2-Methylnaphthalene	12.843	142	110290	45.586	ng	95
38) 1-Methylnaphthalene	13.061	142	103825	46.482	ng	98
40) 1,2,4,5-Tetrachloroben...	13.208	216	73767	42.287	ng	# 99
41) Hexachlorocyclopentadiene	13.184	237	67176	89.445	ng	99
43) 2,4,6-Trichlorophenol	13.437	196	50229	53.186	ng	95

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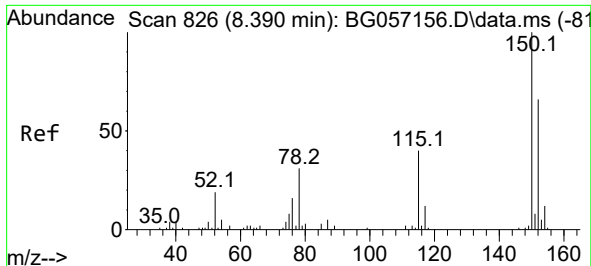
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.513	196	57962	50.837	ng	97
46) 1,1'-Biphenyl	13.830	154	162104	45.618	ng	97
47) 2-Chloronaphthalene	13.883	162	123781	46.152	ng	100
48) 2-Nitroaniline	14.077	65	41722	60.880	ng	91
49) Acenaphthylene	14.723	152	202511	47.565	ng	99
50) Dimethylphthalate	14.430	163	181672	54.297	ng	100
51) 2,6-Dinitrotoluene	14.559	165	38774	55.518	ng	94
52) Acenaphthene	15.058	154	124559	44.778	ng	98
53) 3-Nitroaniline	14.894	138	25253	36.413	ng	97
54) 2,4-Dinitrophenol	15.099	184	3508	14.607	ng	94
55) Dibenzofuran	15.387	168	211213	46.861	ng	98
56) 4-Nitrophenol	15.187	139	50082	102.596	ng	81
57) 2,4-Dinitrotoluene	15.346	165	56133	59.019	ng	95
58) Fluorene	16.033	166	180474	49.734	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.610	232	53357	54.634	ng	98
60) Diethylphthalate	15.775	149	184504	57.207	ng	99
61) 4-Chlorophenyl-phenyle...	16.016	204	102229	46.938	ng	98
62) 4-Nitroaniline	16.051	138	39626	56.744	ng	# 83
63) Azobenzene	16.303	77	197606	57.596	ng	96
65) 4,6-Dinitro-2-methylph...	16.104	198	7529	14.971	ng	93
66) n-Nitrosodiphenylamine	16.227	169	160732	47.708	ng	97
67) 4-Bromophenyl-phenylether	16.909	248	69772	44.934	ng	95
68) Hexachlorobenzene	17.038	284	73753	46.308	ng	98
69) Atrazine	17.161	200	70968	65.951	ng	97
70) Pentachlorophenol	17.378	266	32646	43.617	ng	99
71) Phenanthrene	17.778	178	316489	48.014	ng	99
72) Anthracene	17.866	178	320616	48.105	ng	99
73) Carbazole	18.130	167	288752	51.325	ng	99
74) Di-n-butylphthalate	18.653	149	300566	57.434	ng	99
75) Fluoranthene	19.763	202	393724	48.078	ng	99
77) Benzidine	19.928	184	80777	45.641	ng	99
78) Pyrene	20.128	202	399823	50.139	ng	99
80) Butylbenzylphthalate	20.979	149	112887	53.923	ng	93
81) Benzo(a)anthracene	22.025	228	397353	49.205	ng	98
82) 3,3'-Dichlorobenzidine	21.919	252	92343	43.690	ng	97
83) Chrysene	22.096	228	365551	46.940	ng	99
84) Bis(2-ethylhexyl)phtha...	21.872	149	168578	50.991	ng	97
85) Di-n-octyl phthalate	23.176	149	286085	54.309	ng	99
87) Indeno(1,2,3-cd)pyrene	29.632	276	437808	49.959	ng	# 90
88) Benzo(b)fluoranthene	24.434	252	394578	51.452	ng	97
89) Benzo(k)fluoranthene	24.510	252	400570	50.497	ng	97
90) Benzo(a)pyrene	25.397	252	350179	46.360	ng	98
91) Dibenzo(a,h)anthracene	29.691	278	362260	49.786	ng	95
92) Benzo(g,h,i)perylene	30.901	276	350430	48.675	ng	96

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

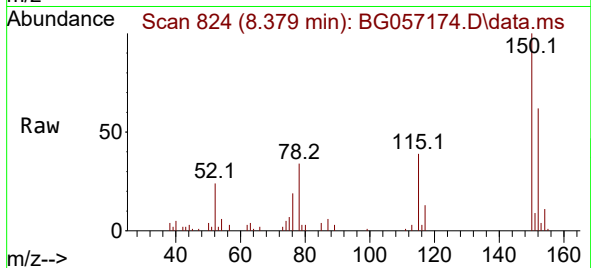
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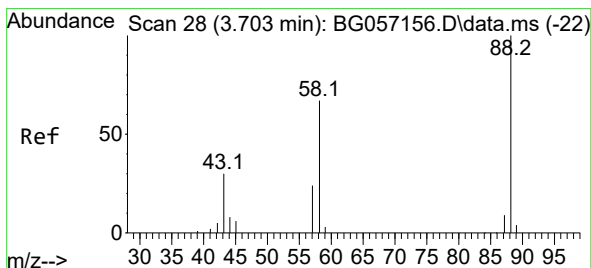
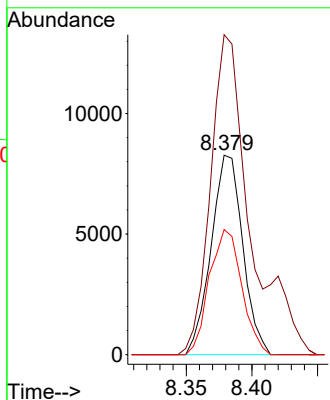
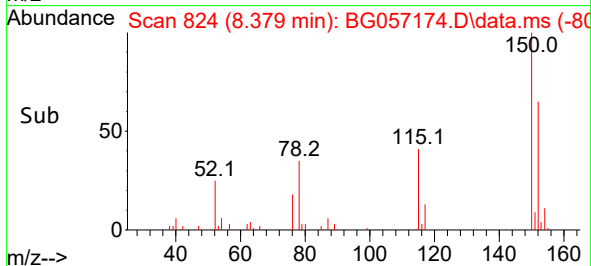


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.379 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057174.D
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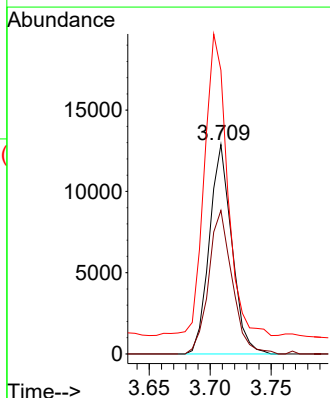
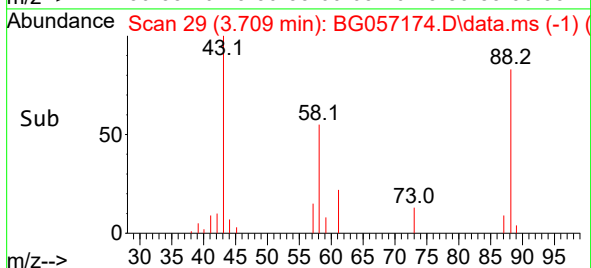
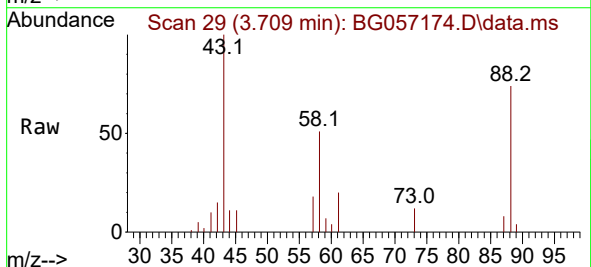


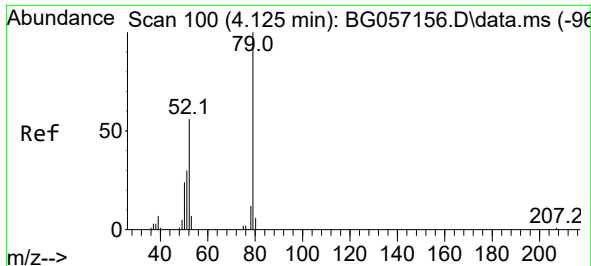
Tgt Ion:152 Resp: 13873
Ion Ratio Lower Upper
152 100
150 160.4 121.4 182.2
115 62.7 48.1 72.1



#2
1,4-Dioxane
Concen: 48.099 ng
RT: 3.709 min Scan# 29
Delta R.T. 0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion: 88 Resp: 16500
Ion Ratio Lower Upper
88 100
58 71.9 54.2 81.4
43 147.1 23.0 34.6#

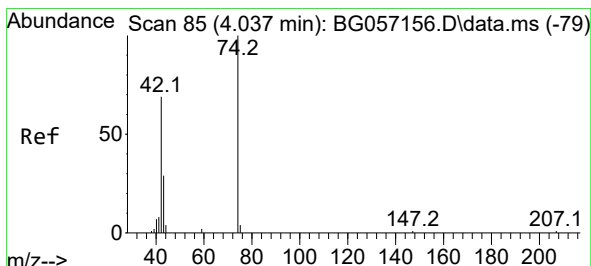
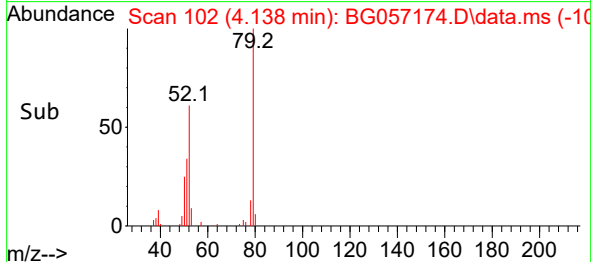
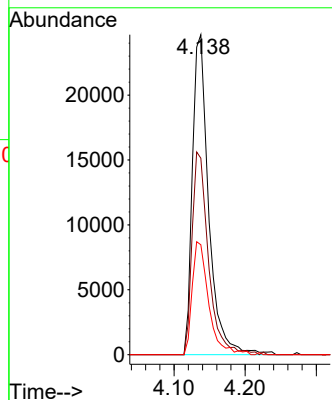
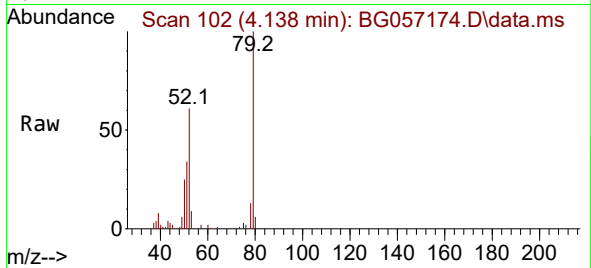




#3
Pyridine
Concen: 37.666 ng
RT: 4.138 min Scan# 100
Delta R.T. 0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

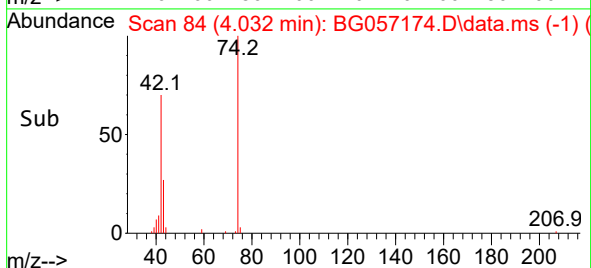
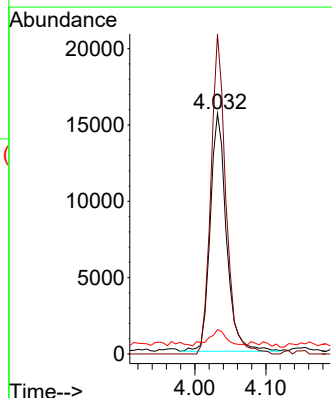
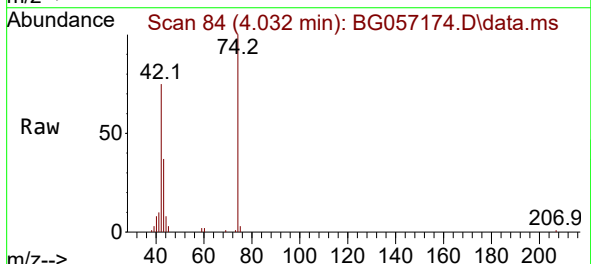
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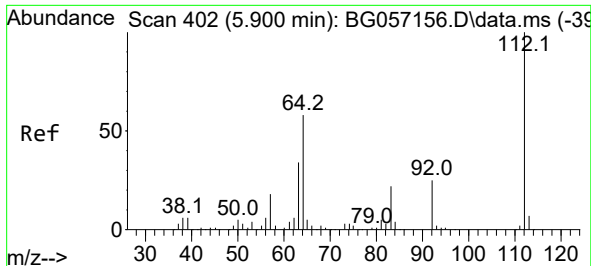
Tgt Ion: 79 Resp: 39204
Ion Ratio Lower Upper
79 100
52 61.4 44.5 66.7
51 34.3 24.3 36.5



#4
n-Nitrosodimethylamine
Concen: 65.683 ng
RT: 4.032 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion: 42 Resp: 24661
Ion Ratio Lower Upper
42 100
74 133.0 115.6 173.4
44 10.1 7.1 10.7

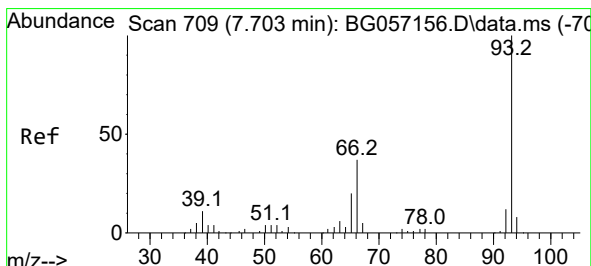
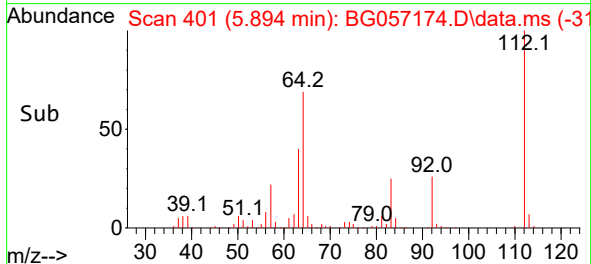
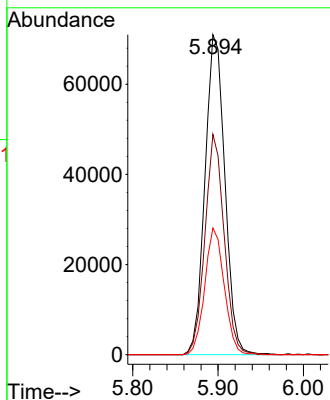
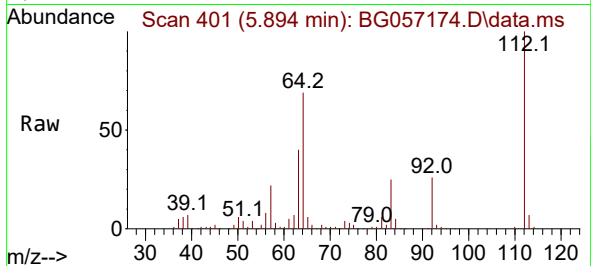




#5
2-Fluorophenol
Concen: 150.293 ng
RT: 5.894 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

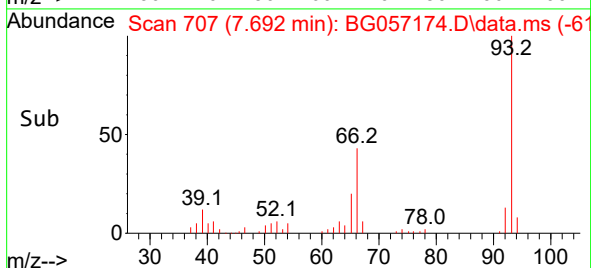
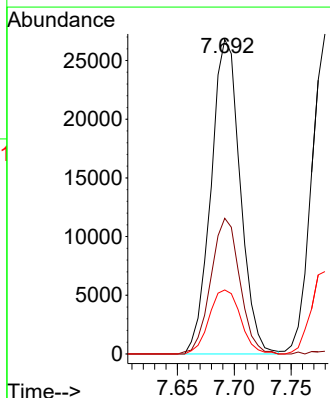
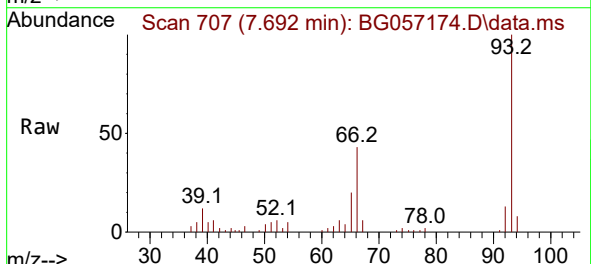
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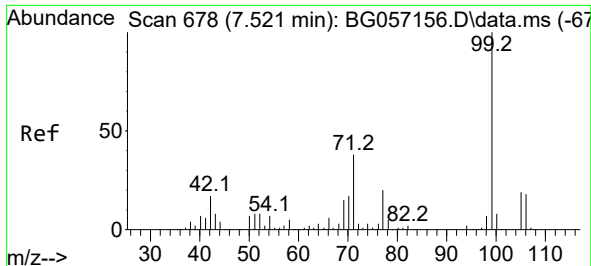
Tgt Ion:112 Resp: 115056
Ion Ratio Lower Upper
112 100
64 68.9 46.7 70.1
63 39.6 26.9 40.3



#6
Aniline
Concen: 33.058 ng
RT: 7.692 min Scan# 707
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion: 93 Resp: 47818
Ion Ratio Lower Upper
93 100
66 43.1 29.8 44.8
65 20.3 16.4 24.6

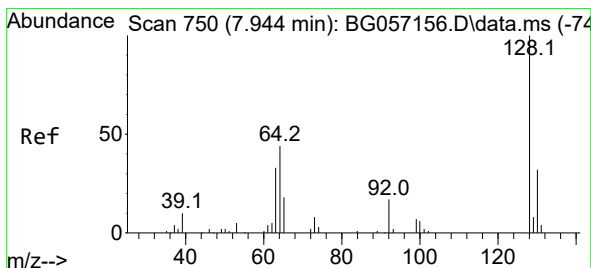
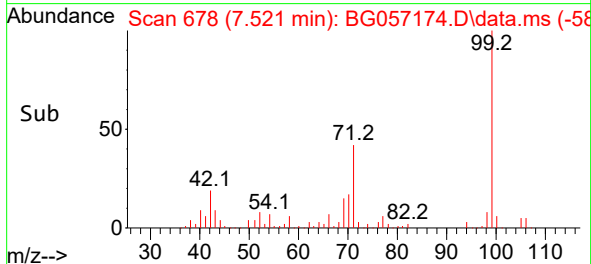
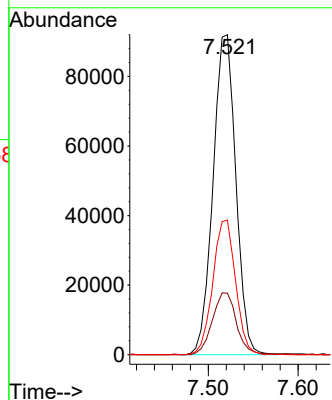
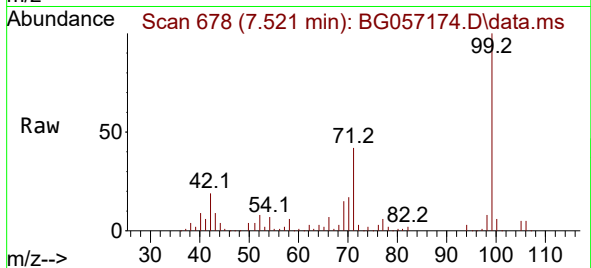




#7
Phenol-d6
Concen: 146.604 ng
RT: 7.521 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

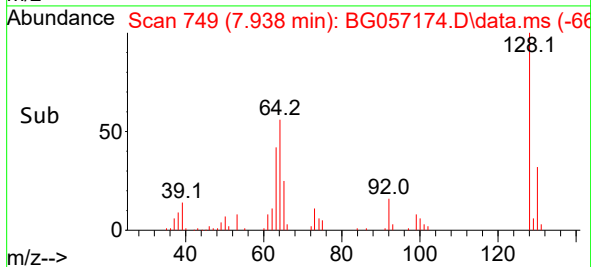
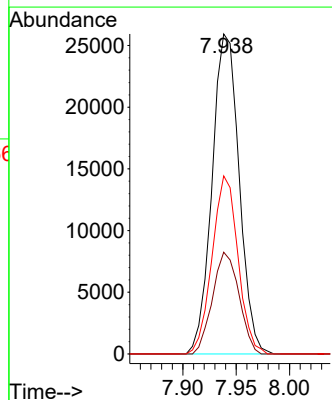
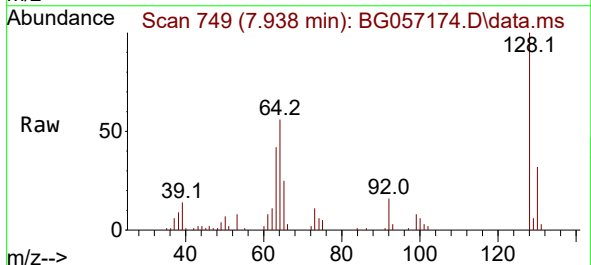
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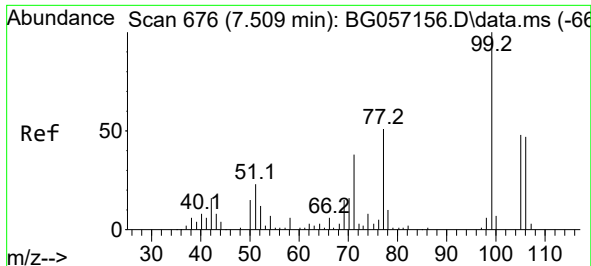
Tgt Ion: 99 Resp: 162385
Ion Ratio Lower Upper
99 100
42 19.2 13.4 20.0
71 42.1 30.2 45.2



#8
2-Chlorophenol
Concen: 57.075 ng
RT: 7.938 min Scan# 749
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion: 128 Resp: 45772
Ion Ratio Lower Upper
128 100
130 31.8 11.6 51.6
64 55.6 31.4 71.4

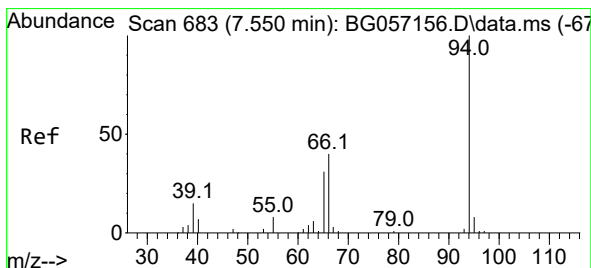
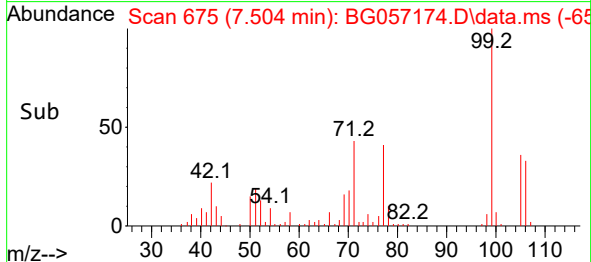
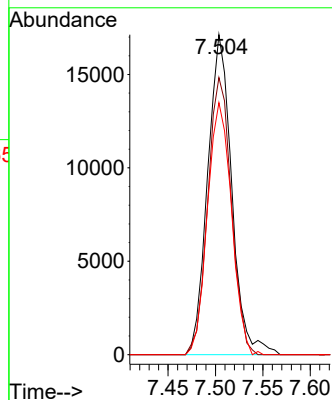
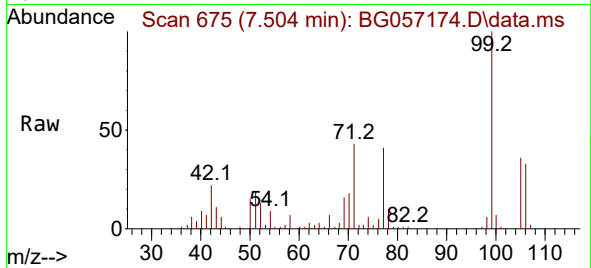




#9
Benzaldehyde
Concen: 45.560 ng
RT: 7.504 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

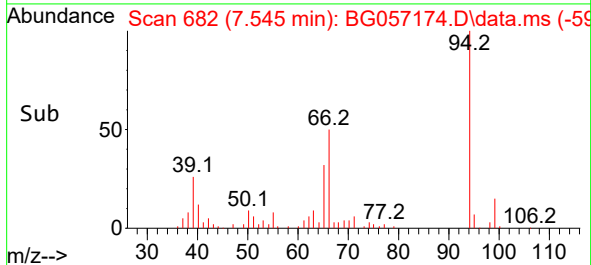
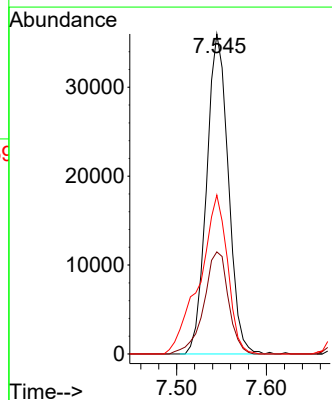
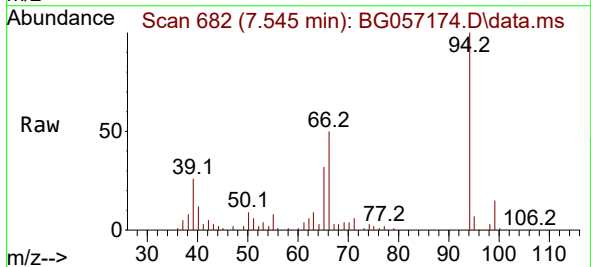
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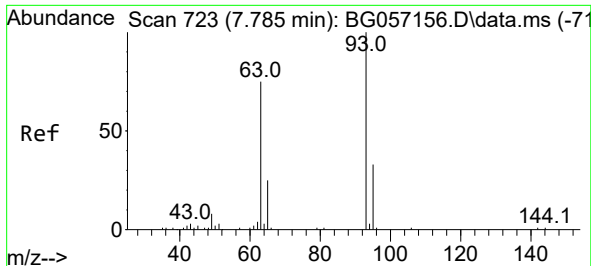
Tgt Ion: 77 Resp: 30226
Ion Ratio Lower Upper
77 100
105 86.6 73.5 113.5
106 78.7 72.7 112.7



#10
Phenol
Concen: 54.858 ng
RT: 7.545 min Scan# 682
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion: 94 Resp: 60334
Ion Ratio Lower Upper
94 100
65 31.9 11.6 51.6
66 49.7 22.7 62.7

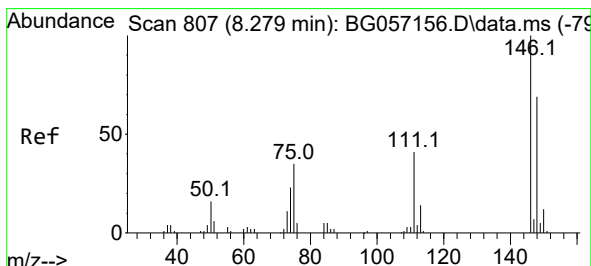
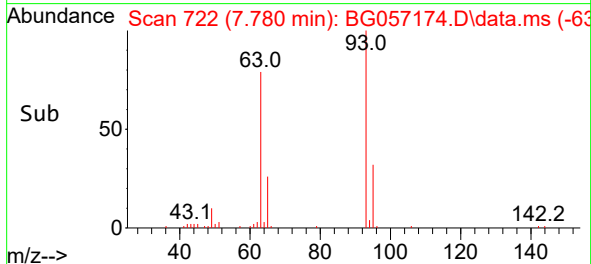
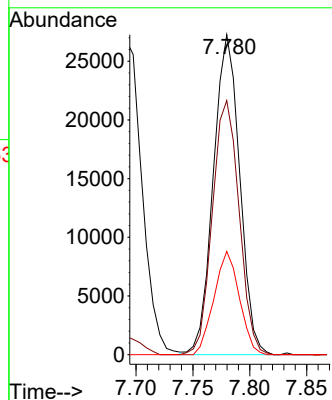
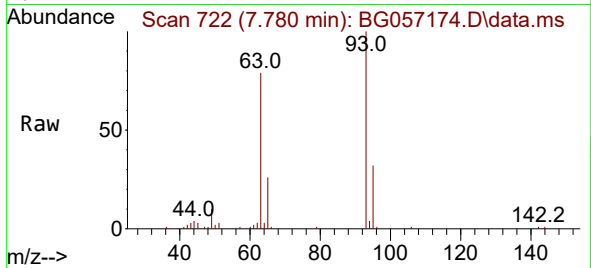




#11
bis(2-Chloroethyl)ether
Concen: 50.919 ng
RT: 7.780 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

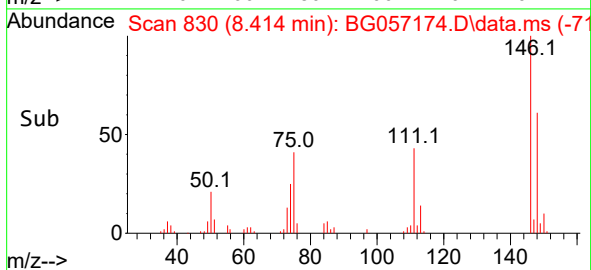
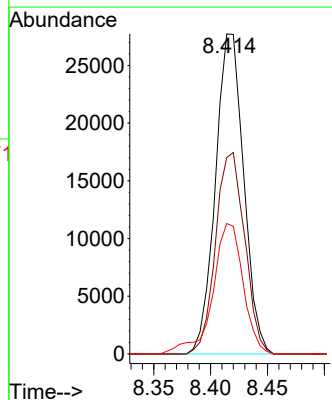
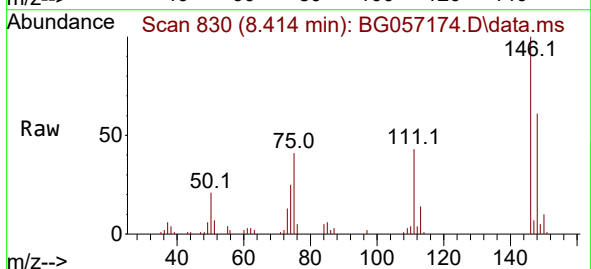
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

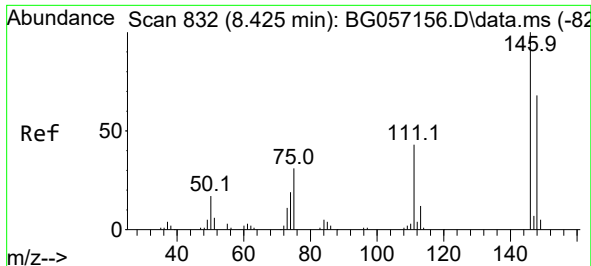
Tgt Ion:	93	Resp:	43946
Ion	Ratio	Lower	Upper
93	100		
63	79.4	53.9	93.9
95	32.3	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 50.479 ng
RT: 8.414 min Scan# 830
Delta R.T. 0.135 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:	146	Resp:	47956
Ion	Ratio	Lower	Upper
146	100		
148	61.4	55.4	83.2
75	40.8	28.2	42.4





#13

1,4-Dichlorobenzene

Concen: 50.088 ng

RT: 8.414 min Scan# 81

Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

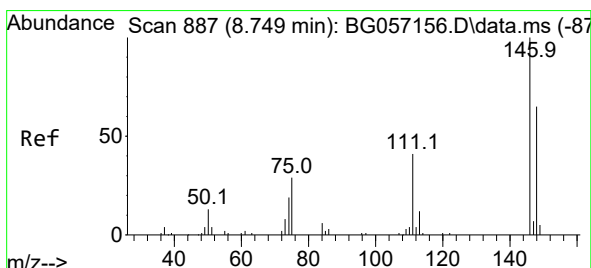
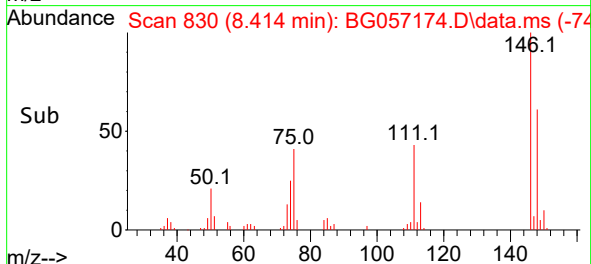
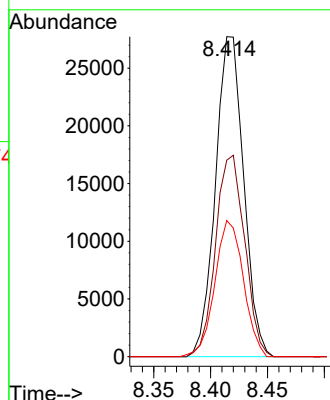
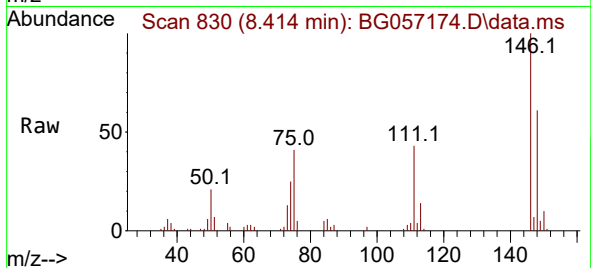
Tgt Ion:146 Resp: 47956

Ion Ratio Lower Upper

146 100

148 61.4 54.3 81.5

111 42.5 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 49.228 ng

RT: 8.743 min Scan# 886

Delta R.T. -0.005 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

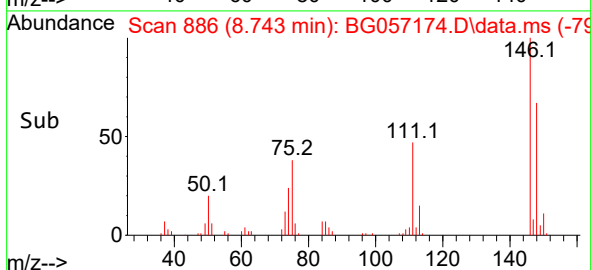
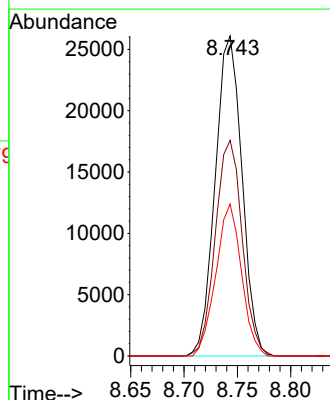
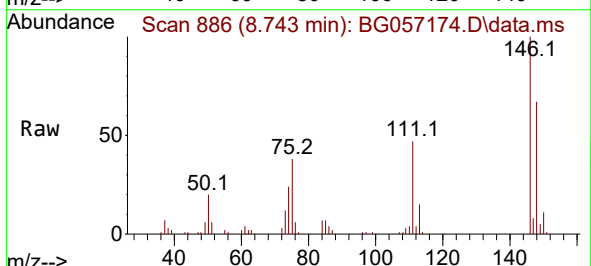
Tgt Ion:146 Resp: 45507

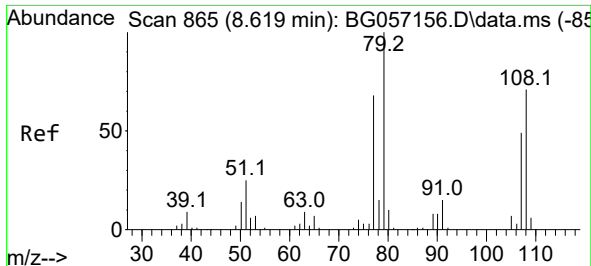
Ion Ratio Lower Upper

146 100

148 67.4 52.3 78.5

111 47.5 33.1 49.7

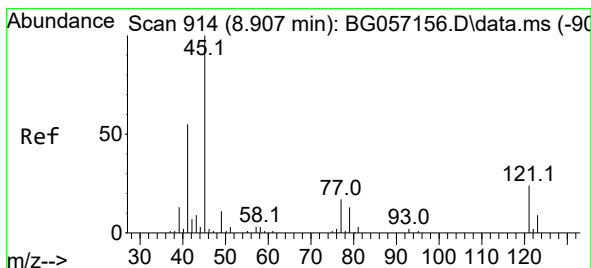
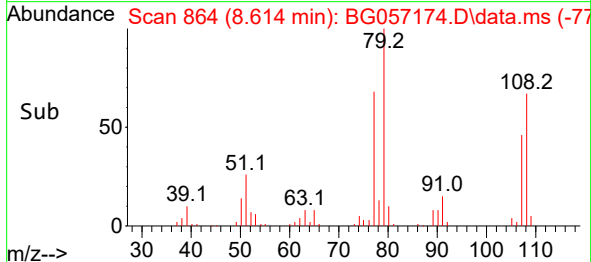
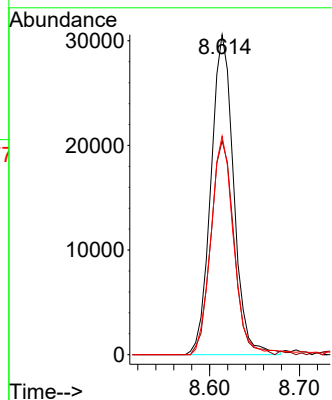
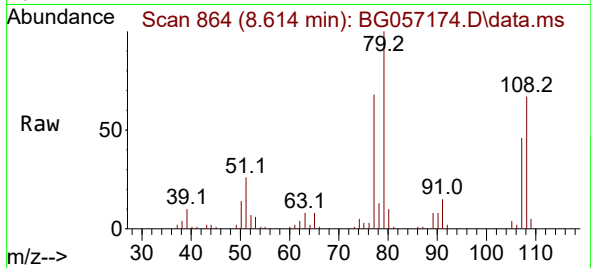




#15
Benzyl Alcohol
Concen: 65.818 ng
RT: 8.614 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

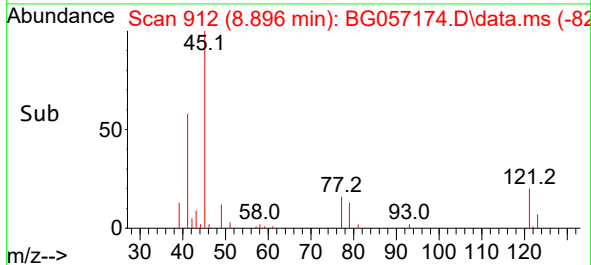
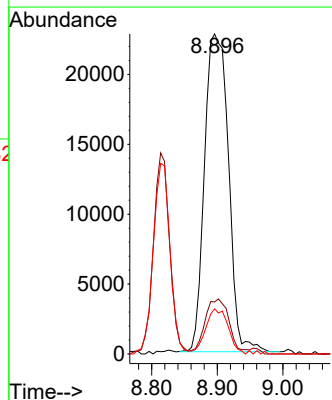
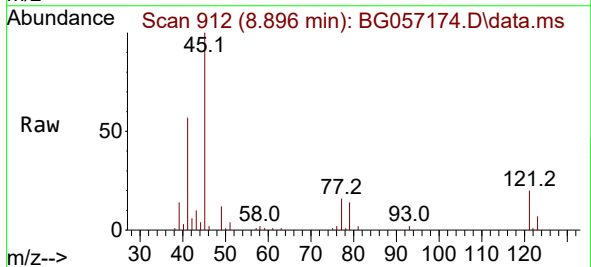
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

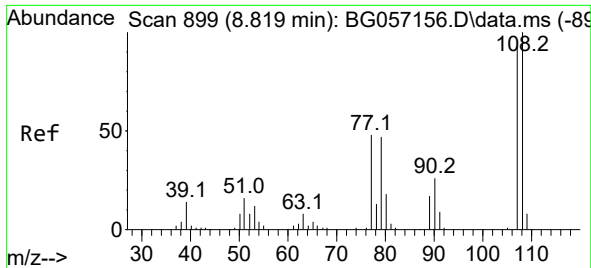
Tgt Ion:	79	Resp:	53719
Ion Ratio	Lower	Upper	
79	100		
108	66.8	56.8	85.2
77	68.3	54.2	81.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.473 ng
RT: 8.896 min Scan# 912
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

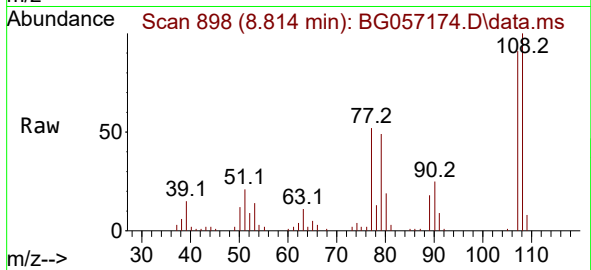
Tgt Ion:	45	Resp:	57712
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	38.7
79	14.1	0.0	34.9



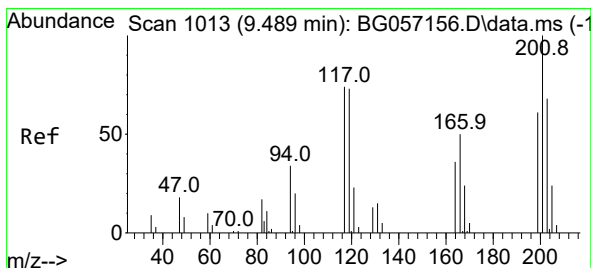
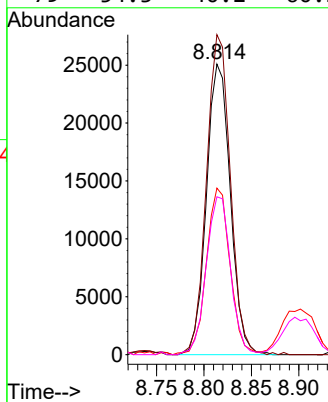
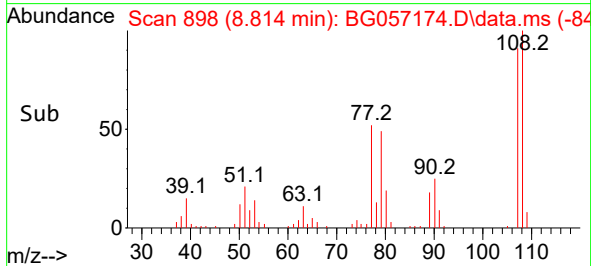


#17
2-Methylphenol
Concen: 54.773 ng
RT: 8.814 min Scan# 899
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

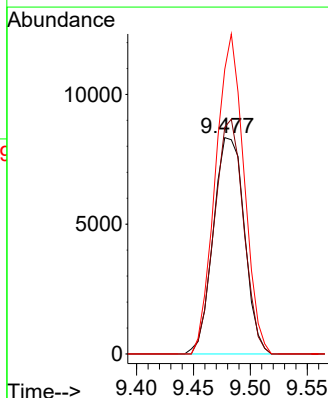
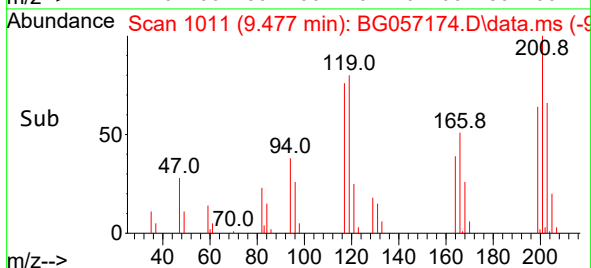
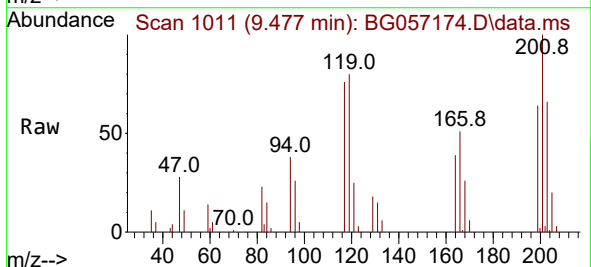


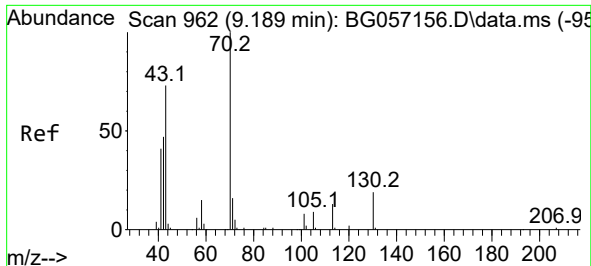
Tgt Ion:	107	Resp:	44082
Ion	Ratio	Lower	Upper
107	100		
108	110.1	86.2	129.4
77	57.3	41.8	62.8
79	54.3	40.2	60.2



#18
Hexachloroethane
Concen: 48.635 ng
RT: 9.477 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:	117	Resp:	15797
Ion	Ratio	Lower	Upper
117	100		
119	104.8	78.3	117.5
201	131.5	107.6	161.4

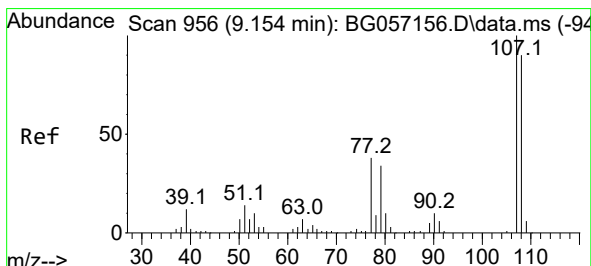
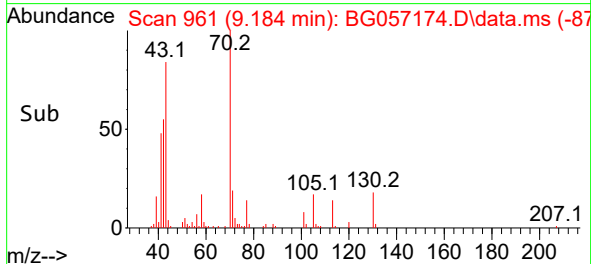
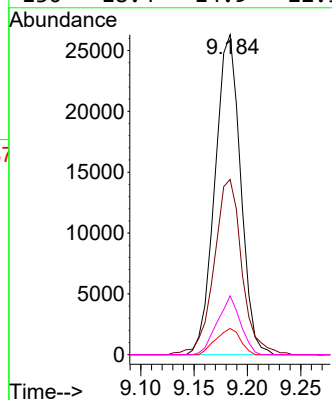
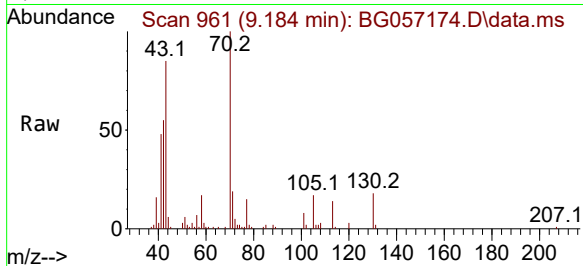




#19
n-Nitroso-di-n-propylamine
Concen: 63.606 ng
RT: 9.184 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

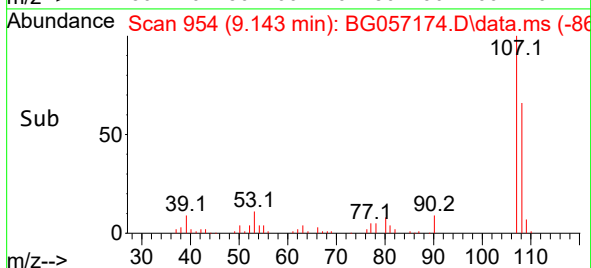
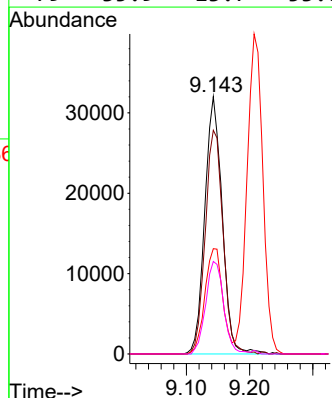
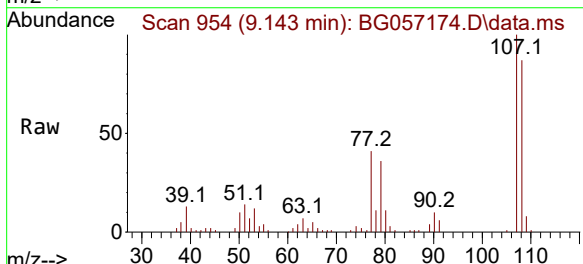
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

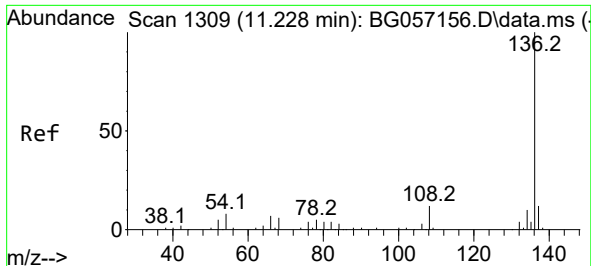
Tgt Ion:	70	Resp:	43821
Ion	Ratio	Lower	Upper
70	100		
42	54.8	38.0	57.0
101	8.2	6.6	9.8
130	18.4	14.9	22.3



#20
3+4-Methylphenols
Concen: 55.713 ng
RT: 9.143 min Scan# 954
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:	107	Resp:	61363
Ion	Ratio	Lower	Upper
107	100		
108	86.9	70.2	110.2
77	40.9	17.8	57.8
79	35.9	13.7	53.7

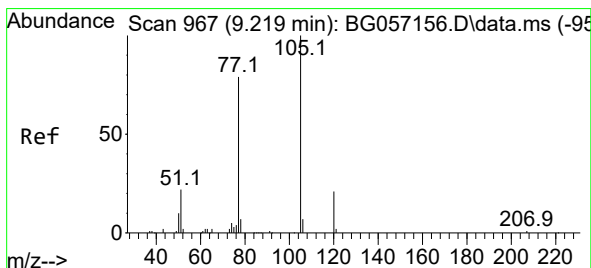
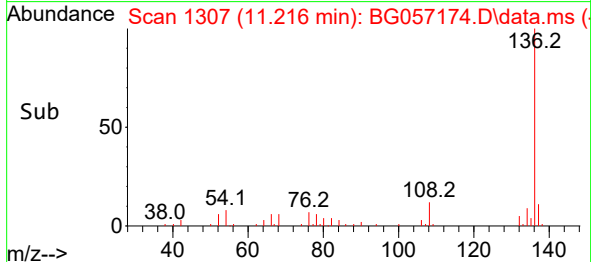
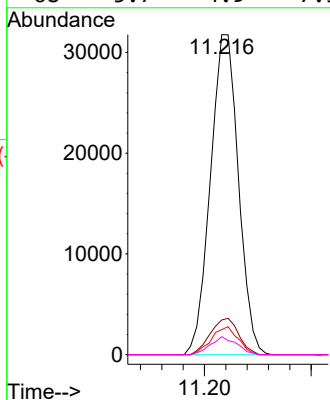
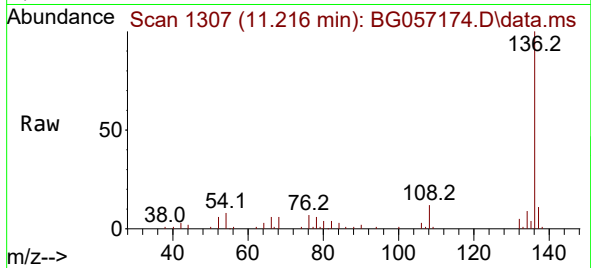




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

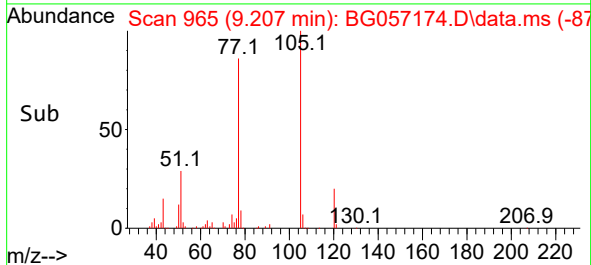
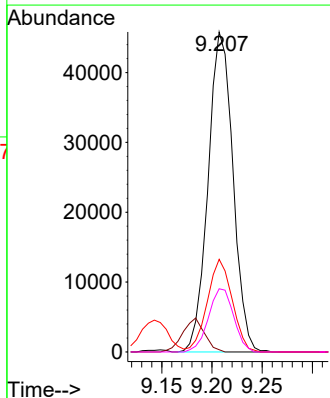
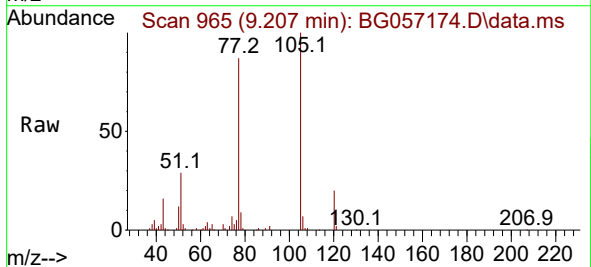
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

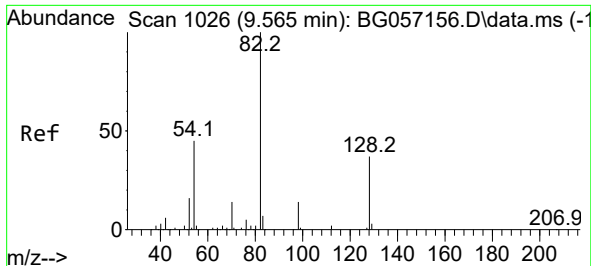
Tgt Ion:136	Resp:	57883
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.5 14.3
54	7.9	6.4 9.6
68	5.7	4.9 7.3



#22
Acetophenone
Concen: 50.277 ng
RT: 9.207 min Scan# 965
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:105	Resp:	78946
Ion Ratio	Lower	Upper
105	100	
71	0.7	0.2 0.4#
51	29.0	19.4 29.0
120	19.8	17.0 25.6





#23

Nitrobenzene-d5

Concen: 97.681 ng

RT: 9.560 min Scan# 1025

Delta R.T. -0.005 min

Lab File: BG057174.D

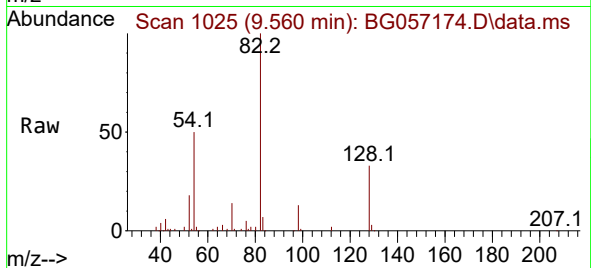
Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD



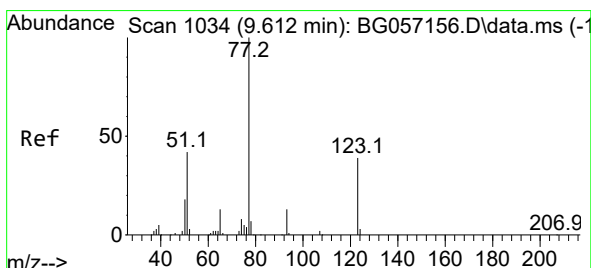
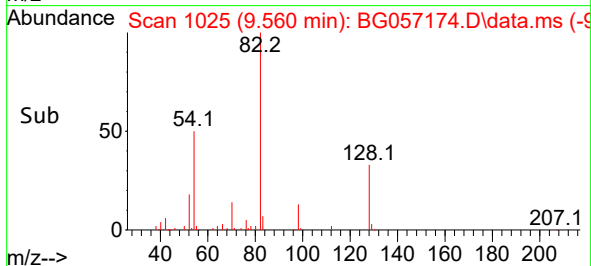
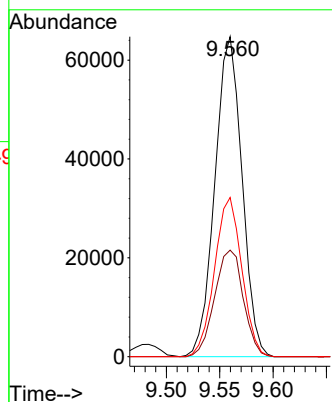
Tgt Ion: 82 Resp: 114370

Ion Ratio Lower Upper

82 100

128 33.3 29.4 44.2

54 49.7 36.2 54.2



#24

Nitrobenzene

Concen: 54.558 ng

RT: 9.601 min Scan# 1032

Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

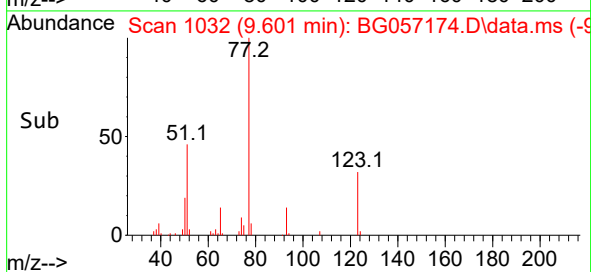
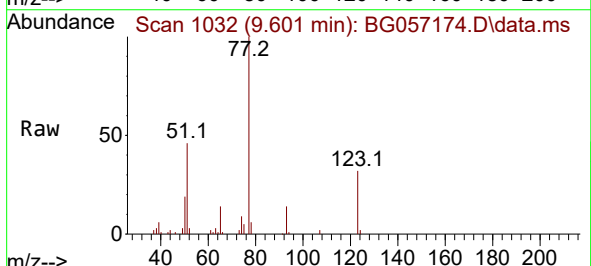
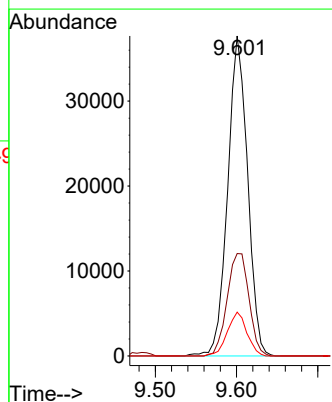
Tgt Ion: 77 Resp: 64137

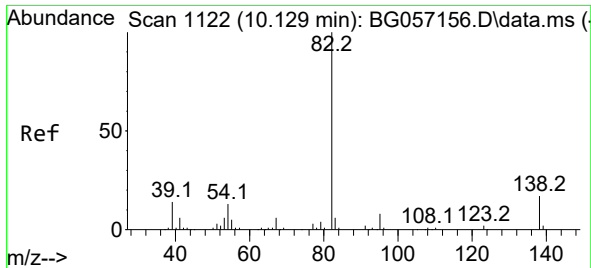
Ion Ratio Lower Upper

77 100

123 32.0 31.3 46.9

65 13.7 10.5 15.7

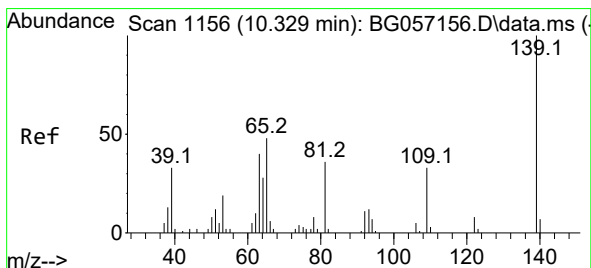
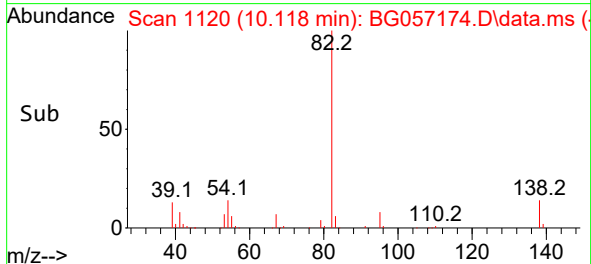
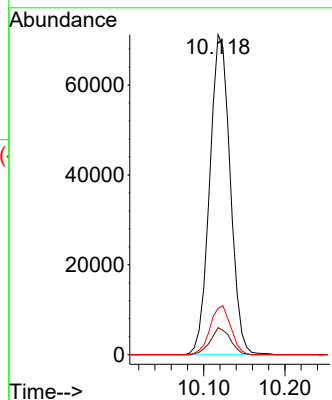
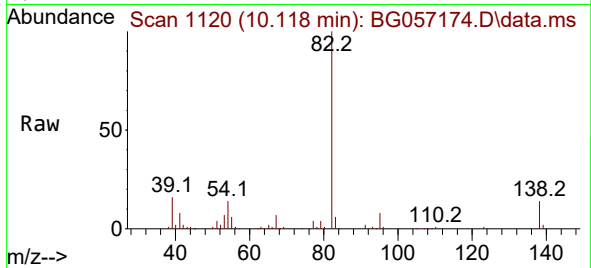




#25
Isophorone
Concen: 55.595 ng
RT: 10.118 min Scan# 1120
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

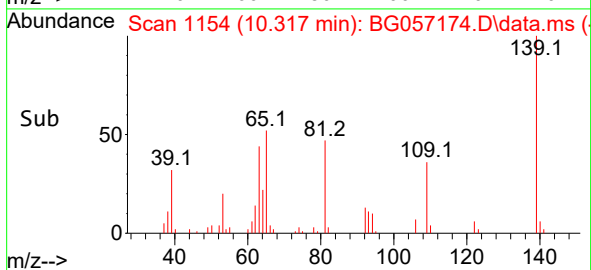
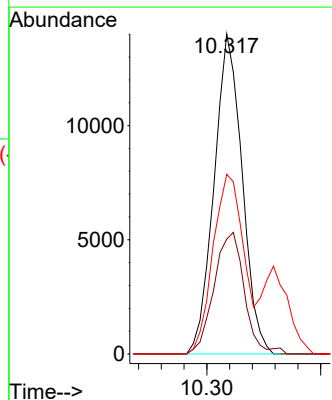
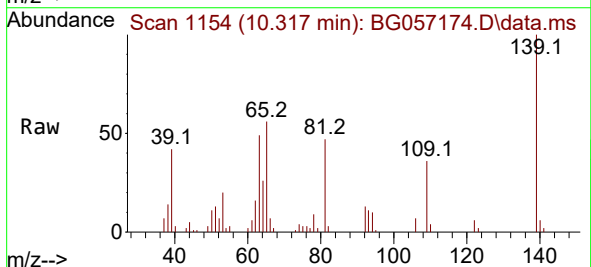
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

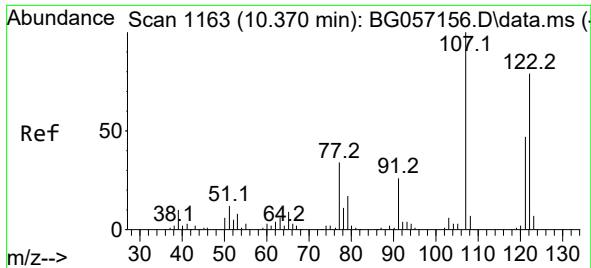
Tgt Ion: 82 Resp: 124857
Ion Ratio Lower Upper
82 100
95 8.5 6.2 9.2
138 14.5 13.4 20.0



#26
2-Nitrophenol
Concen: 54.699 ng
RT: 10.317 min Scan# 1154
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:139 Resp: 24023
Ion Ratio Lower Upper
139 100
109 35.9 26.6 39.8
65 56.1 38.6 58.0

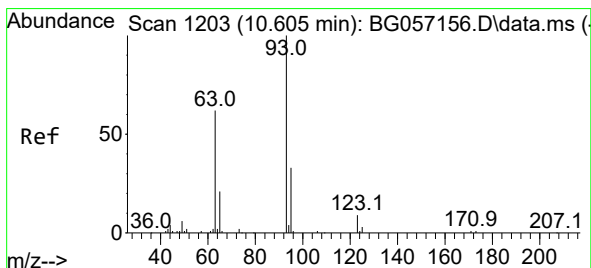
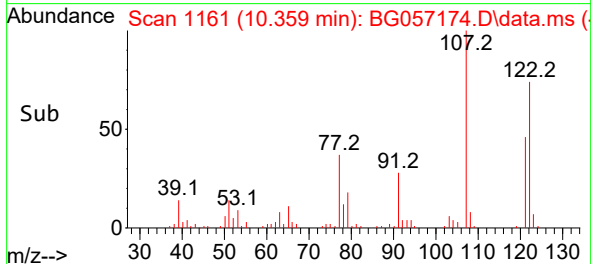
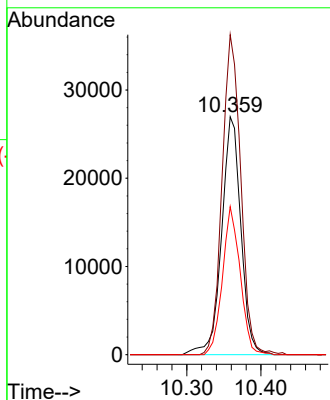
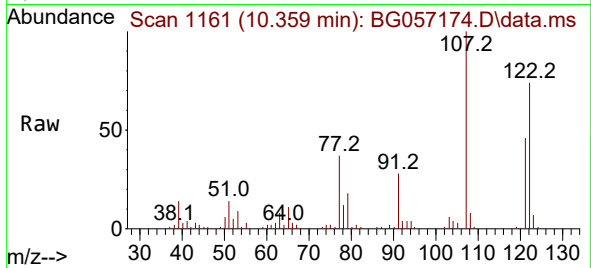




#27
2,4-Dimethylphenol
Concen: 57.379 ng
RT: 10.359 min Scan# 1161
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

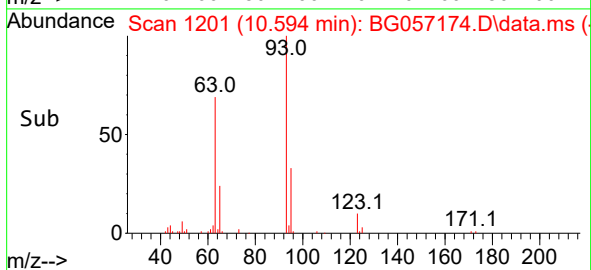
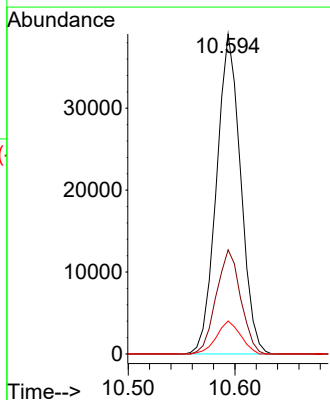
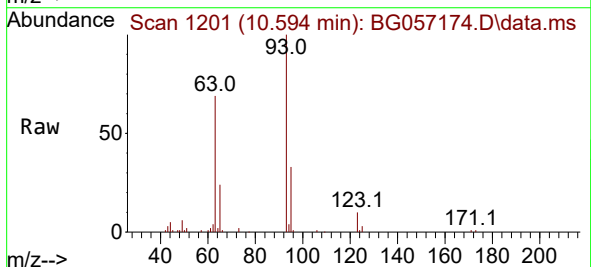
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

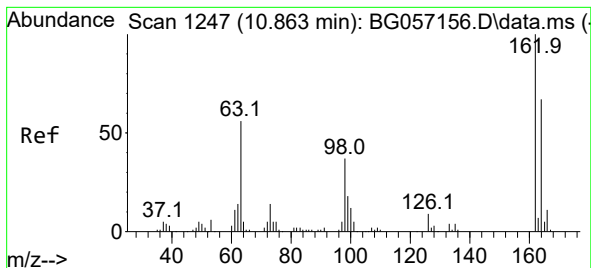
Tgt Ion:122 Resp: 48434
Ion Ratio Lower Upper
122 100
107 134.5 101.5 152.3
121 62.3 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 52.051 ng
RT: 10.594 min Scan# 1201
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion: 93 Resp: 61279
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.3 7.4 11.0





#29

2,4-Dichlorophenol

Concen: 56.403 ng

RT: 10.858 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG057174.D

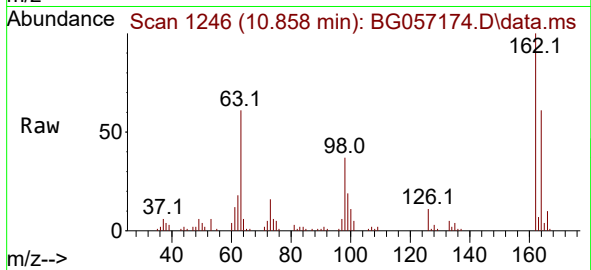
Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD



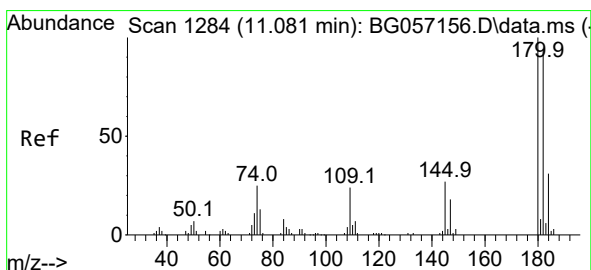
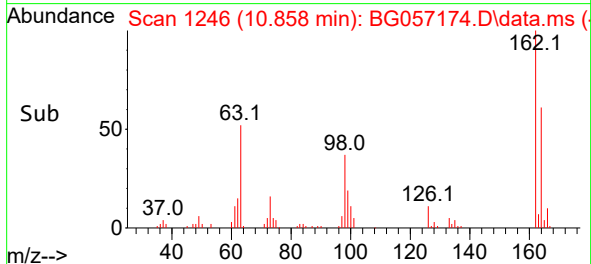
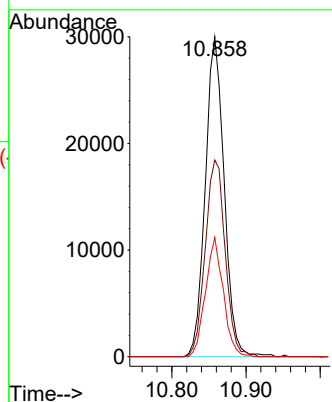
Tgt Ion:162 Resp: 53037

Ion Ratio Lower Upper

162 100

164 61.5 47.2 87.2

98 37.3 16.8 56.8



#30

1,2,4-Trichlorobenzene

Concen: 45.138 ng

RT: 11.075 min Scan# 1283

Delta R.T. -0.005 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

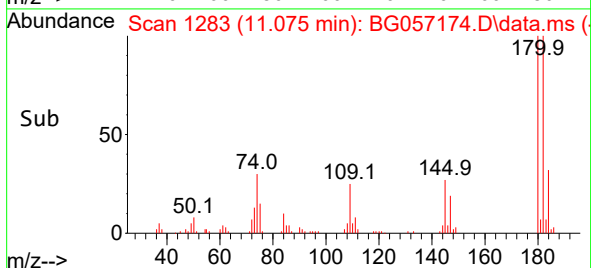
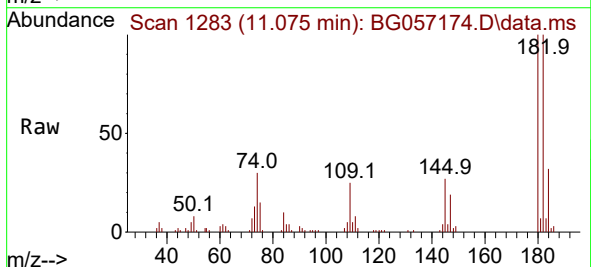
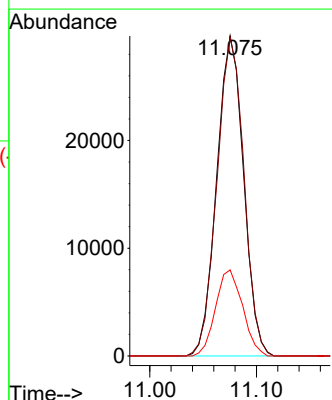
Tgt Ion:180 Resp: 51902

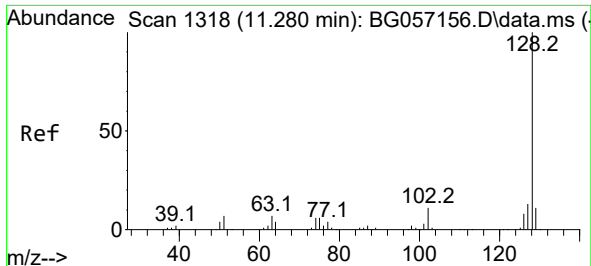
Ion Ratio Lower Upper

180 100

182 99.7 75.0 112.6

145 26.9 21.4 32.2

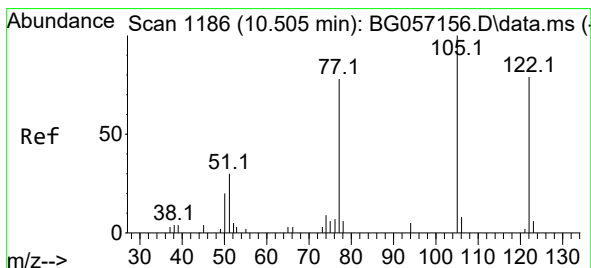
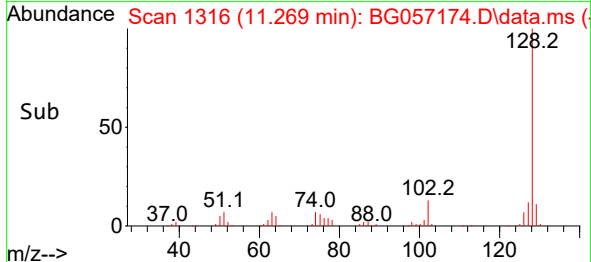
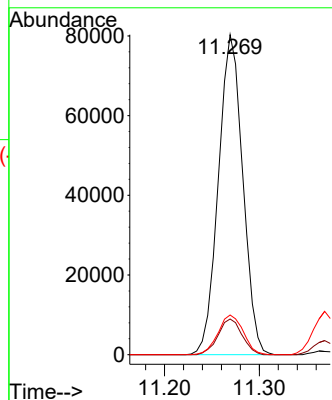
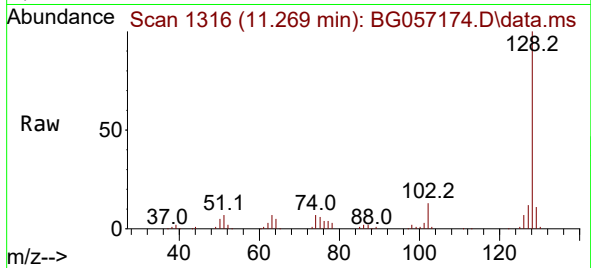




#31
Naphthalene
Concen: 46.654 ng
RT: 11.269 min Scan# 1161
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

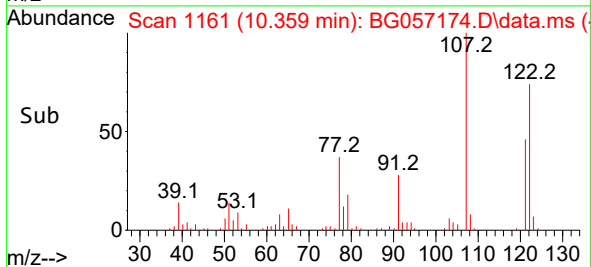
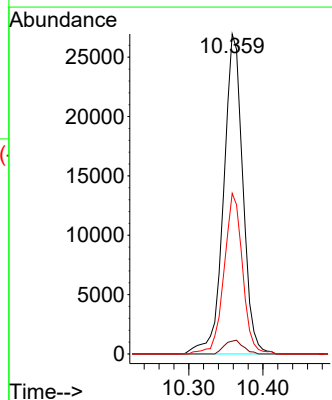
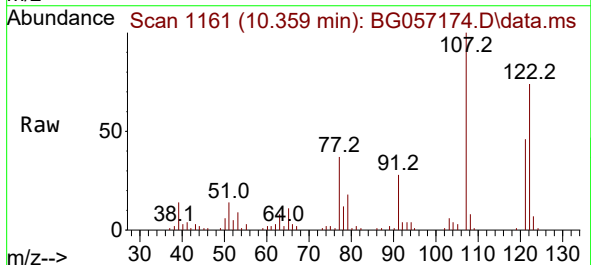
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

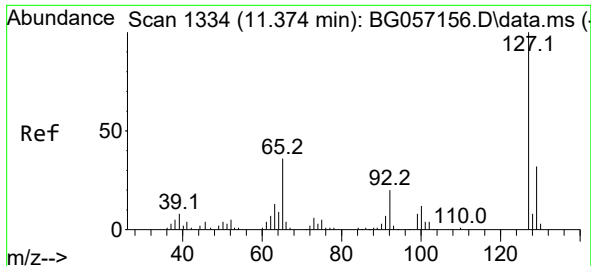
Tgt Ion:128 Resp: 143434
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.4 10.6 16.0



#32
Benzoic acid
Concen: 112.811 ng
RT: 10.359 min Scan# 1161
Delta R.T. -0.146 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:122 Resp: 48434
Ion Ratio Lower Upper
122 100
105 4.0 104.3 144.3#
77 50.2 79.5 119.5#

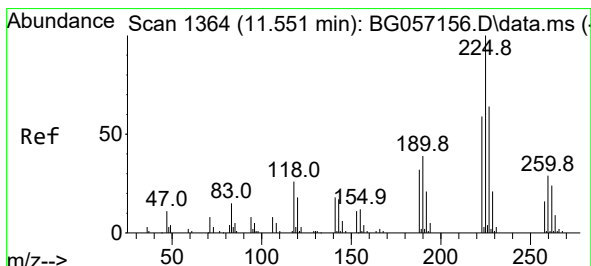
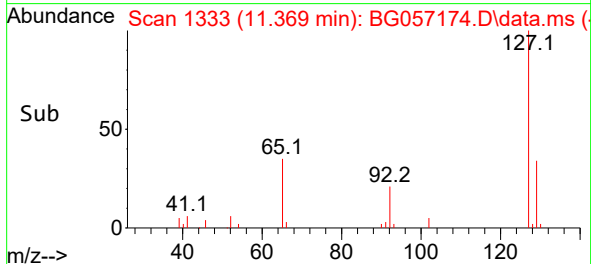
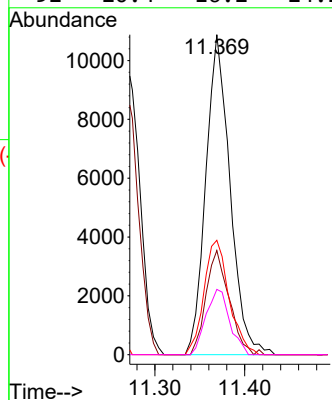
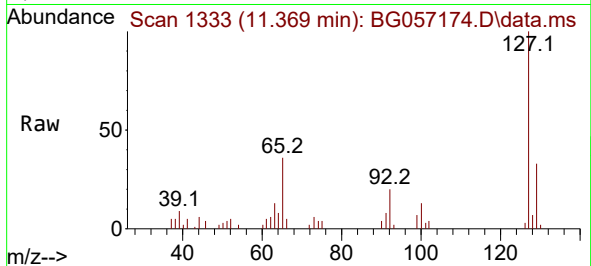




#33
4-Chloroaniline
Concen: 15.054 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

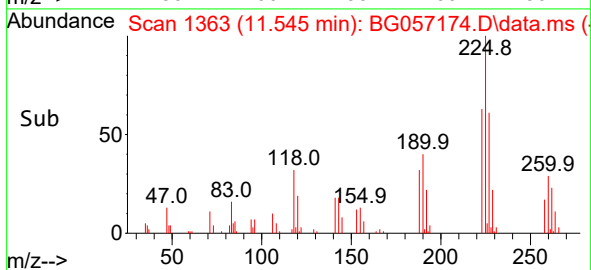
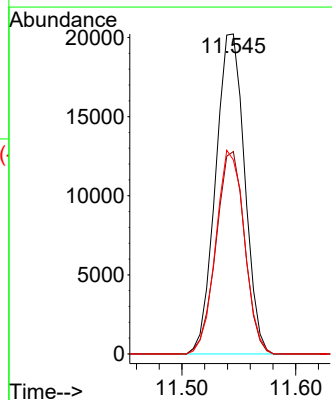
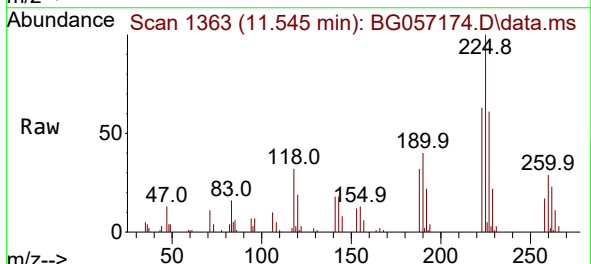
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

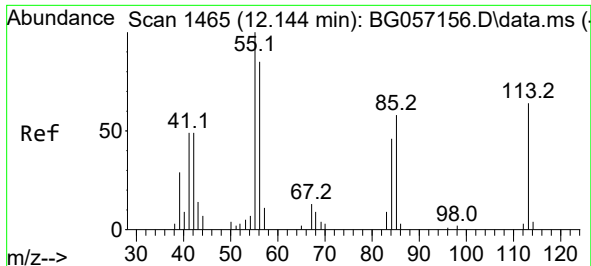
Tgt Ion:127	Resp:	20349
Ion Ratio	Lower	Upper
127	100	
129	32.6	25.9 38.9
65	35.8	28.6 42.8
92	20.4	16.2 24.2



#34
Hexachlorobutadiene
Concen: 42.332 ng
RT: 11.545 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:225	Resp:	35892
Ion Ratio	Lower	Upper
225	100	
223	63.2	47.4 71.0
227	60.7	51.1 76.7

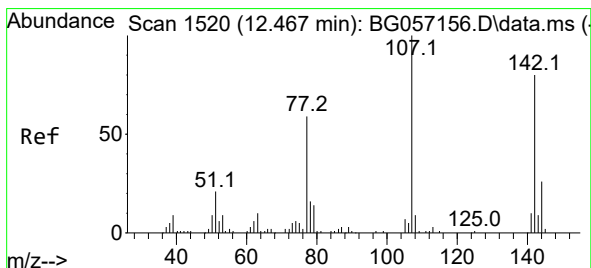
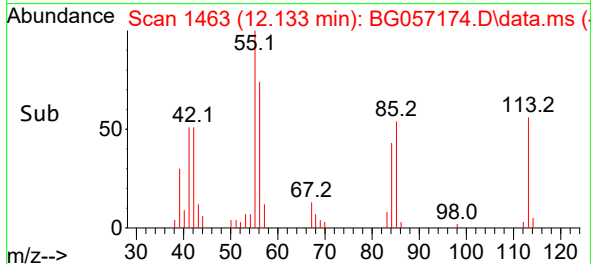
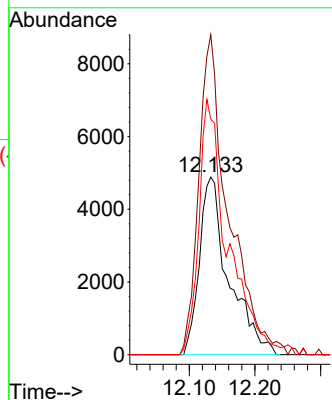
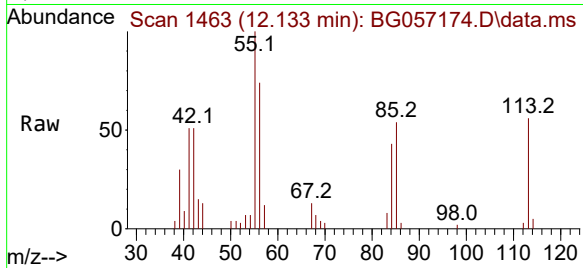




#35
Caprolactam
Concen: 58.327 ng
RT: 12.133 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

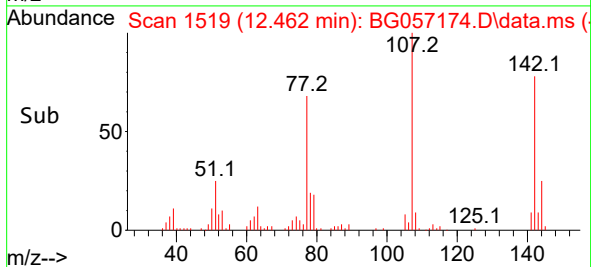
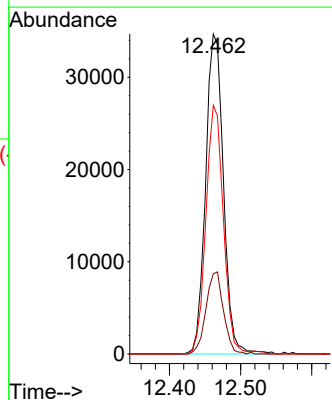
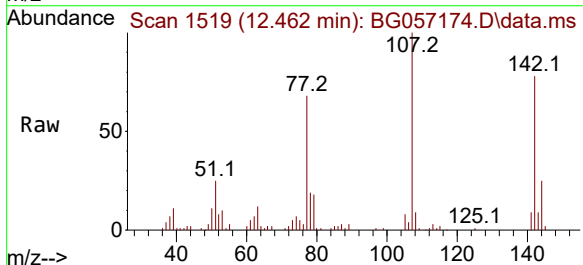
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

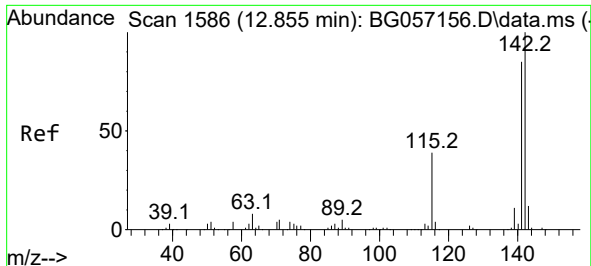
Tgt Ion:113 Resp: 15187
Ion Ratio Lower Upper
113 100
55 180.1 135.8 175.8#
56 132.6 111.8 151.8



#36
4-Chloro-3-methylphenol
Concen: 59.901 ng
RT: 12.462 min Scan# 1519
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

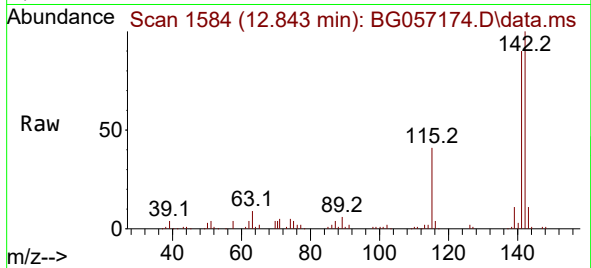
Tgt Ion:107 Resp: 60594
Ion Ratio Lower Upper
107 100
144 25.1 21.0 31.6
142 77.7 63.8 95.8



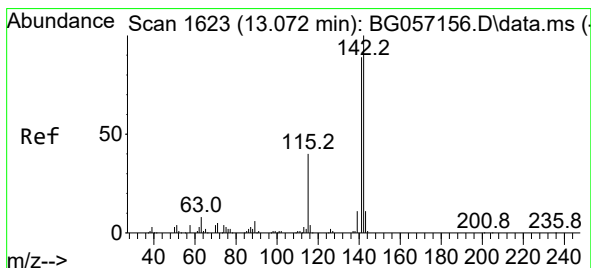
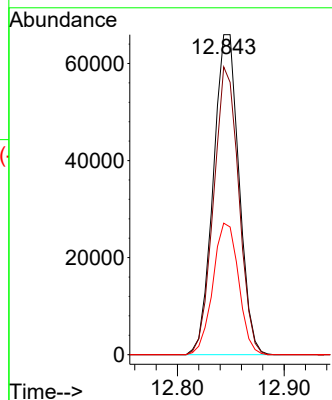
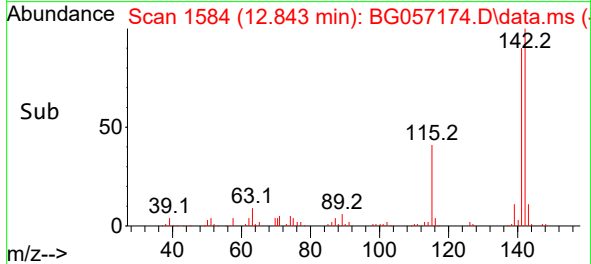


#37
2-Methylnaphthalene
Concen: 45.586 ng
RT: 12.843 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

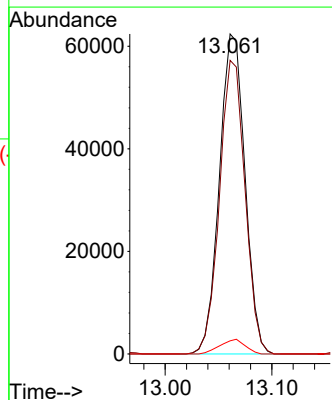
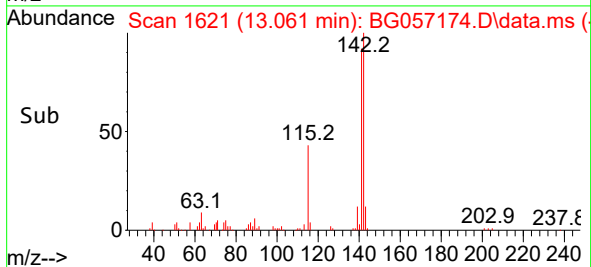
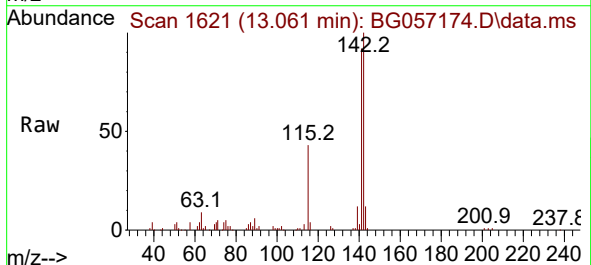


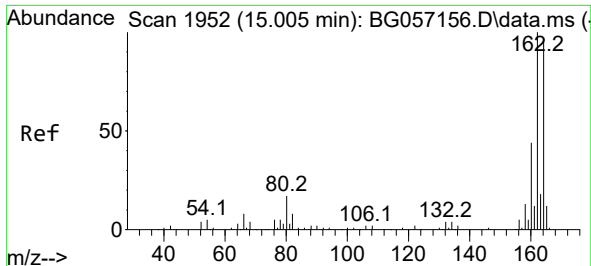
Tgt Ion:142 Resp: 110290
Ion Ratio Lower Upper
142 100
141 89.9 68.1 102.1
115 41.1 31.0 46.4



#38
1-Methylnaphthalene
Concen: 46.482 ng
RT: 13.061 min Scan# 1621
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:142 Resp: 103825
Ion Ratio Lower Upper
142 100
141 91.8 71.6 107.4
116 4.1 3.3 4.9

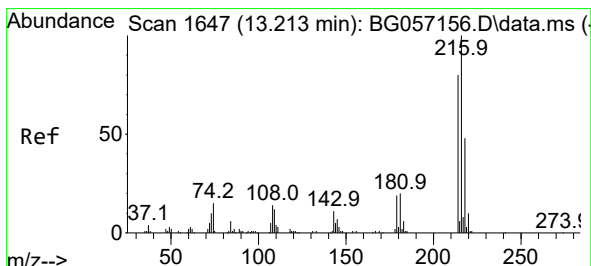
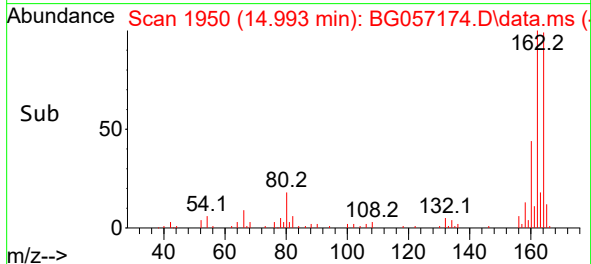
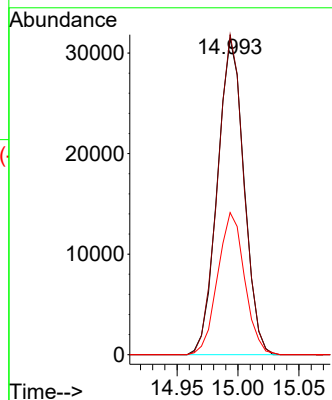
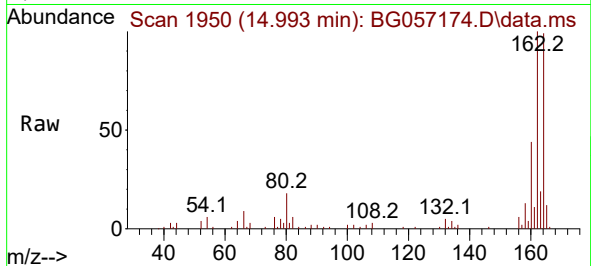




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.993 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

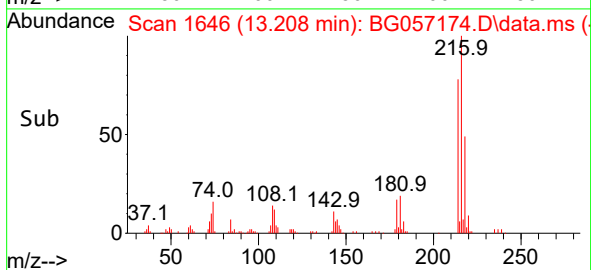
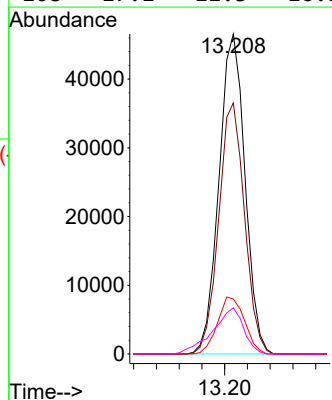
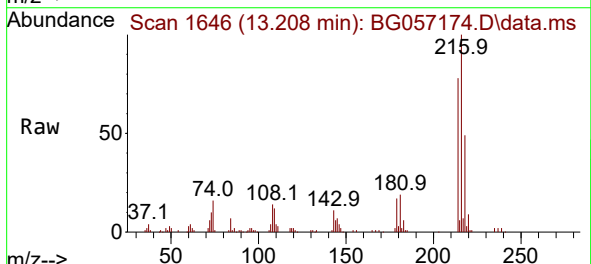
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

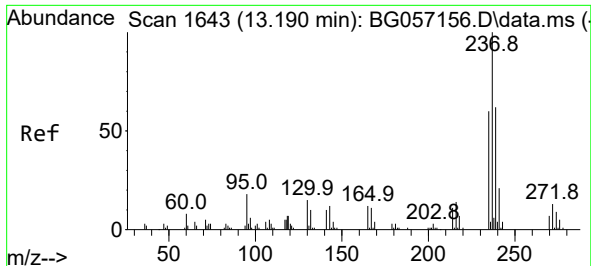
Tgt Ion:164 Resp: 47674
Ion Ratio Lower Upper
164 100
162 101.3 82.4 123.6
160 45.0 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.287 ng
RT: 13.208 min Scan# 1646
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

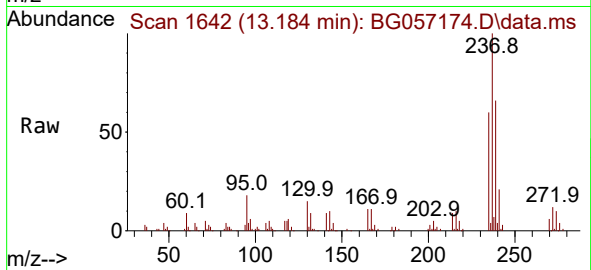
Tgt Ion:216 Resp: 73767
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 18.4 14.8 22.2
108 17.1 11.3 16.9#



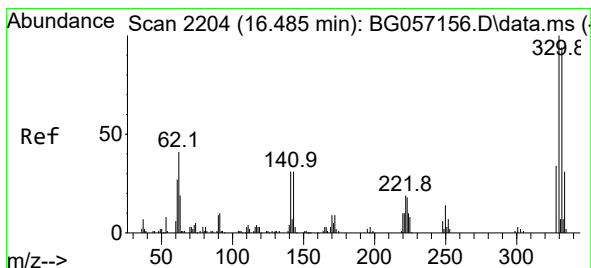
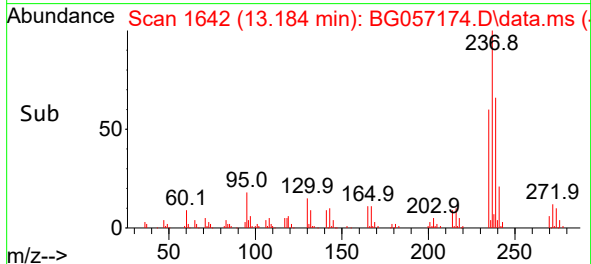
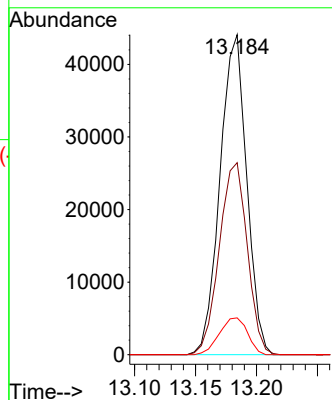


#41
Hexachlorocyclopentadiene
Concen: 89.445 ng
RT: 13.184 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

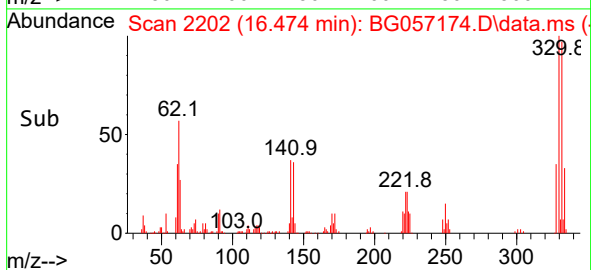
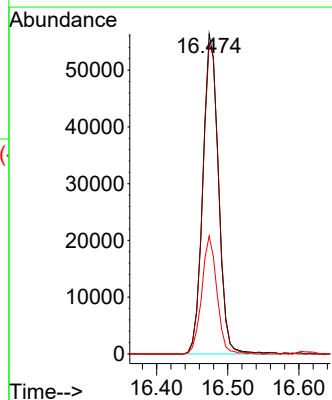
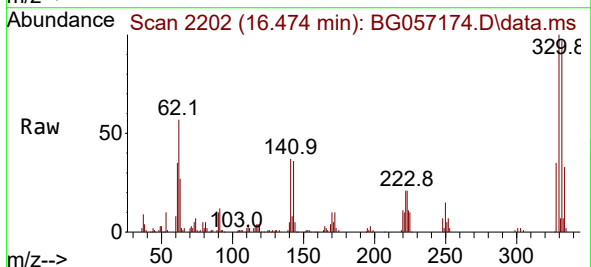


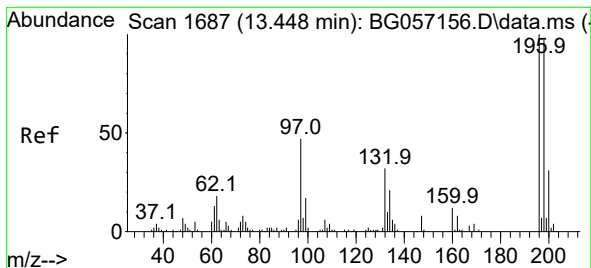
Tgt Ion:237 Resp: 67176
Ion Ratio Lower Upper
237 100
235 60.0 39.7 79.7
272 11.5 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 137.146 ng
RT: 16.474 min Scan# 2202
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:330 Resp: 86267
Ion Ratio Lower Upper
330 100
332 98.5 77.6 116.4
141 35.5 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 53.186 ng

RT: 13.437 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

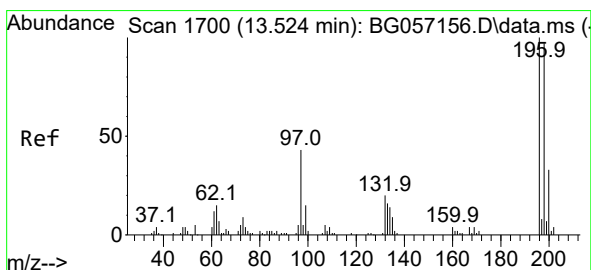
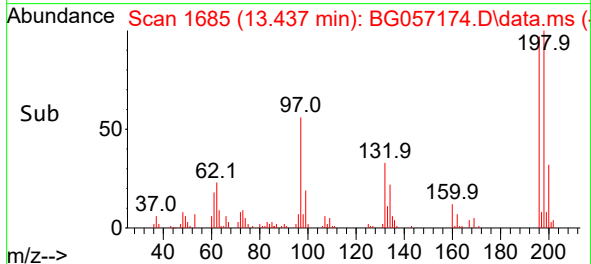
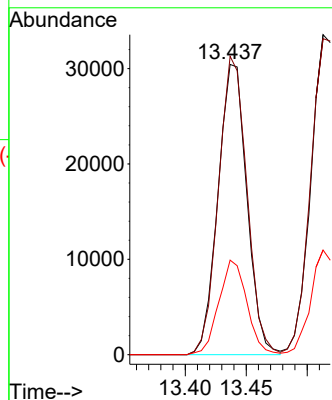
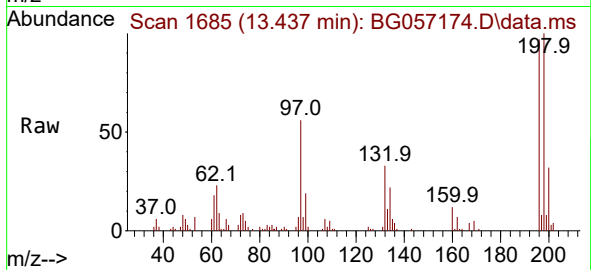
Tgt Ion:196 Resp: 50229

Ion Ratio Lower Upper

196 100

198 102.8 77.5 116.3

200 32.6 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 50.837 ng

RT: 13.513 min Scan# 1698

Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Tgt Ion:196 Resp: 57962

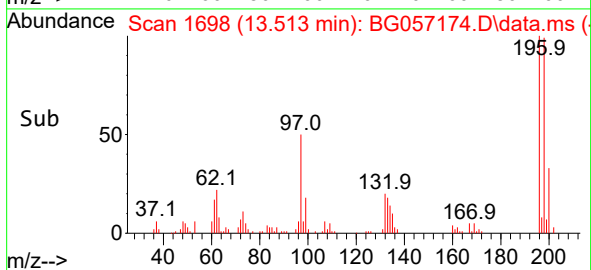
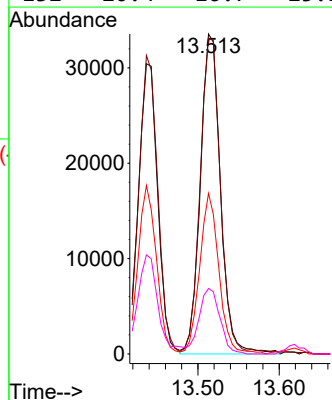
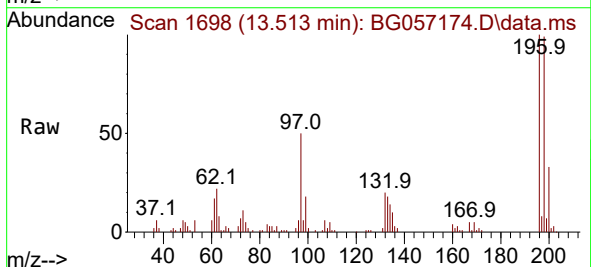
Ion Ratio Lower Upper

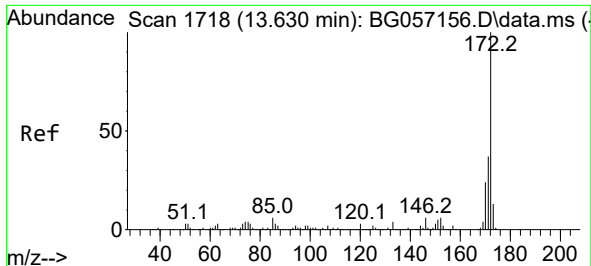
196 100

198 98.8 78.4 117.6

97 50.2 34.6 51.8

132 20.4 16.7 25.1





#45

2-Fluorobiphenyl

Concen: 78.449 ng

RT: 13.619 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

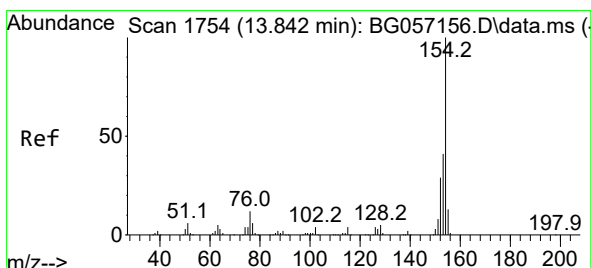
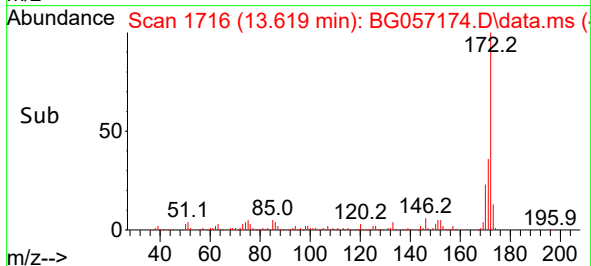
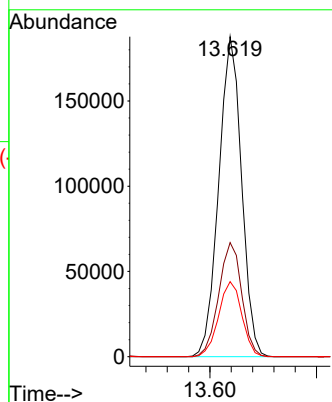
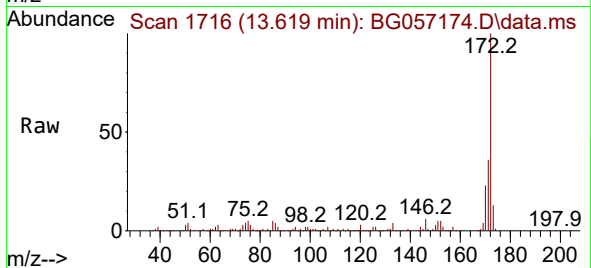
Tgt Ion:172 Resp: 278289

Ion Ratio Lower Upper

172 100

171 35.7 29.2 43.8

170 23.5 19.4 29.2



#46

1,1'-Biphenyl

Concen: 45.618 ng

RT: 13.830 min Scan# 1752

Delta R.T. -0.012 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

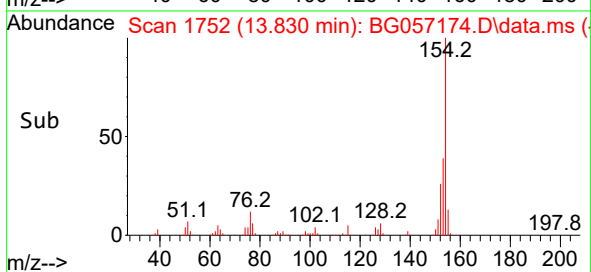
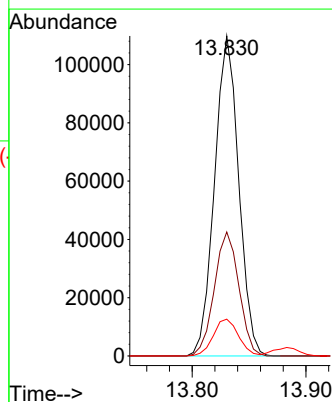
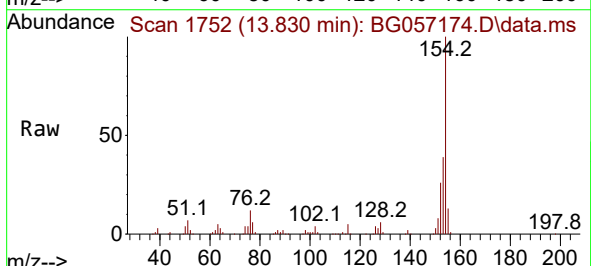
Tgt Ion:154 Resp: 162104

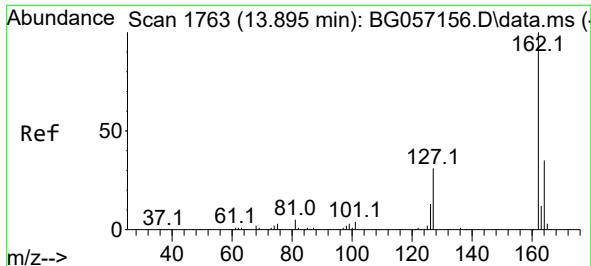
Ion Ratio Lower Upper

154 100

153 38.8 20.9 60.9

76 11.5 0.0 32.3





#47

2-Chloronaphthalene

Concen: 46.152 ng

RT: 13.883 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

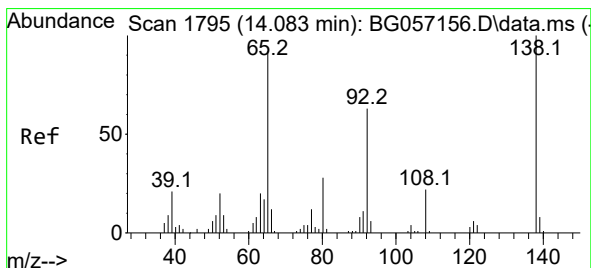
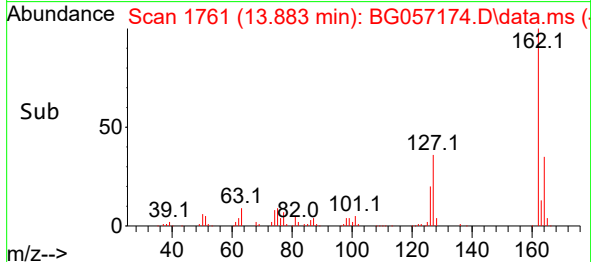
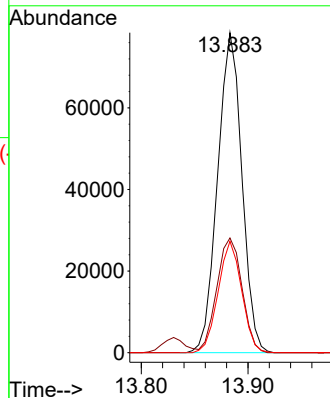
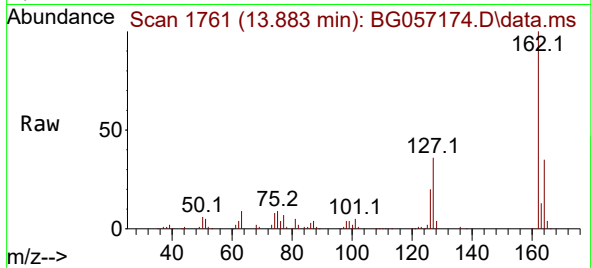
Tgt Ion:162 Resp: 123781

Ion Ratio Lower Upper

162 100

127 35.8 28.7 43.1

164 34.8 27.8 41.6



#48

2-Nitroaniline

Concen: 60.880 ng

RT: 14.077 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

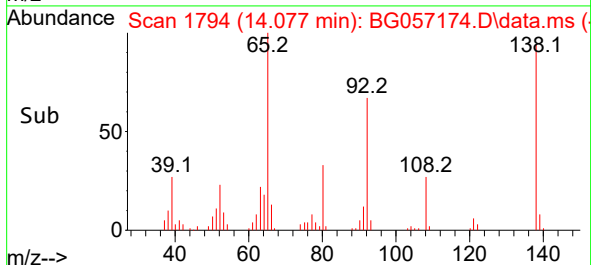
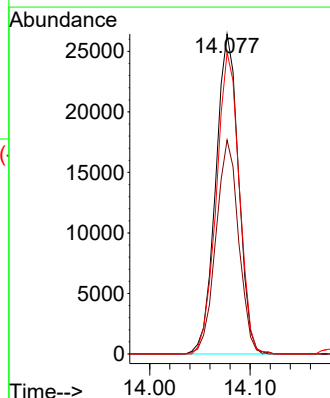
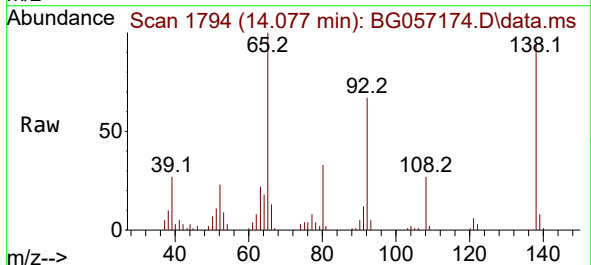
Tgt Ion: 65 Resp: 41722

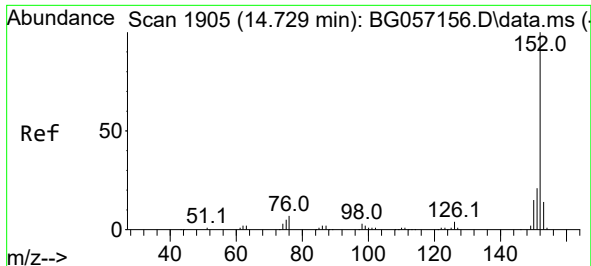
Ion Ratio Lower Upper

65 100

92 66.8 54.9 82.3

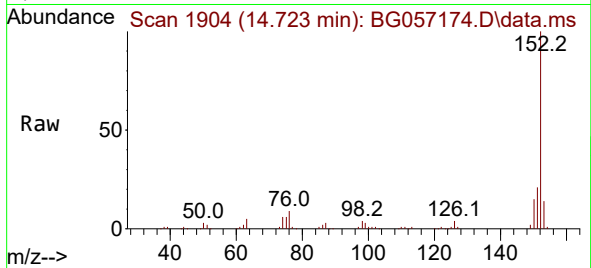
138 94.2 86.6 129.8



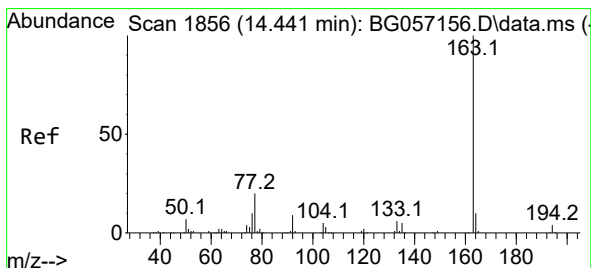
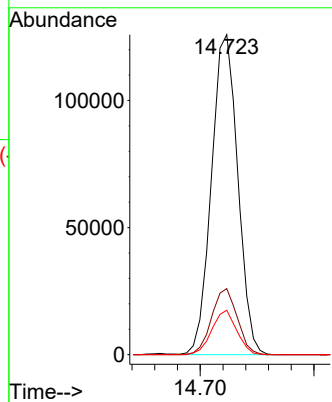
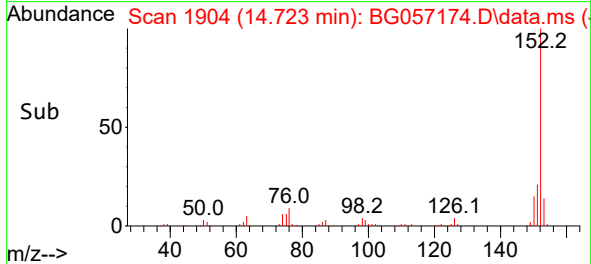


#49
Acenaphthylene
Concen: 47.565 ng
RT: 14.723 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

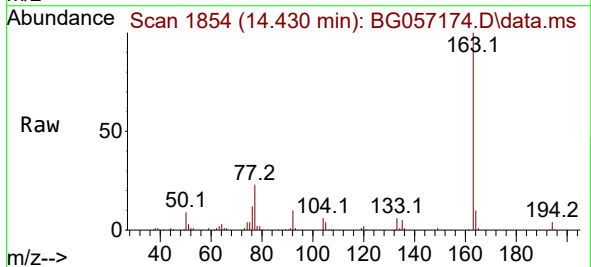
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



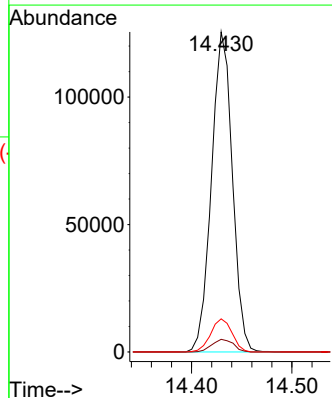
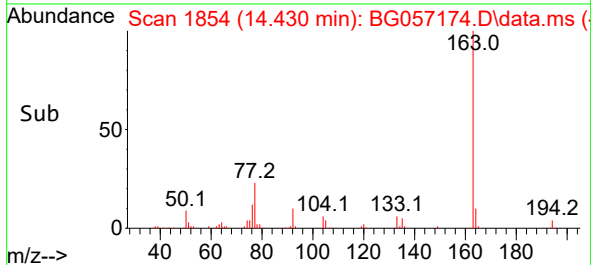
Tgt Ion:152 Resp: 202511
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.9 11.0 16.6

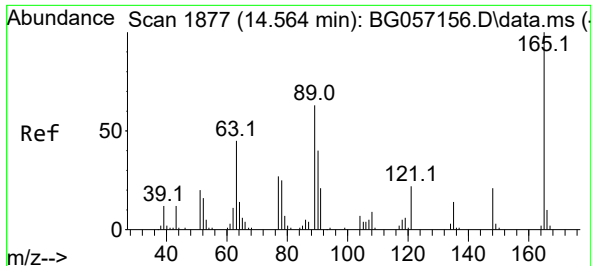


#50
Dimethylphthalate
Concen: 54.297 ng
RT: 14.430 min Scan# 1854
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



Tgt Ion:163 Resp: 181672
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.2 12.4

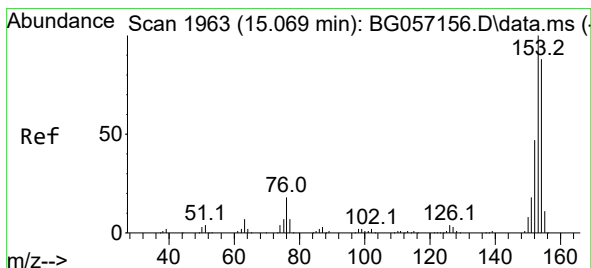
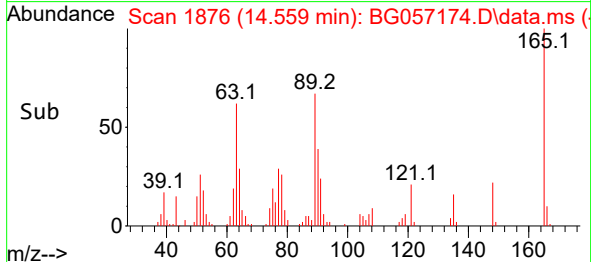
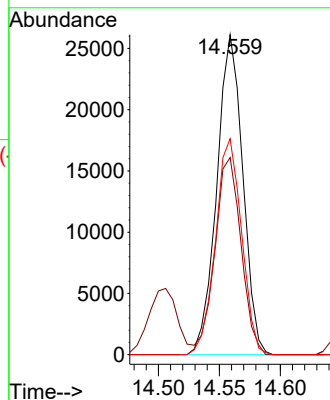
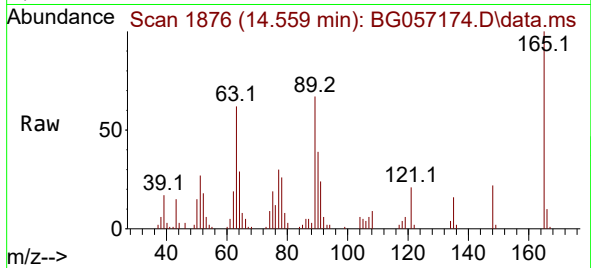




#51
2,6-Dinitrotoluene
Concen: 55.518 ng
RT: 14.559 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

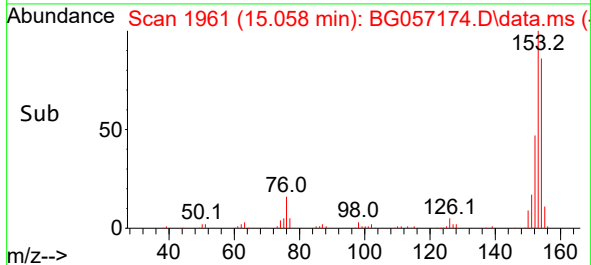
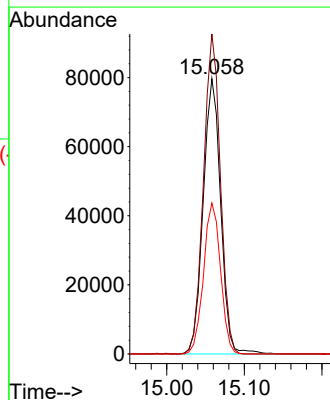
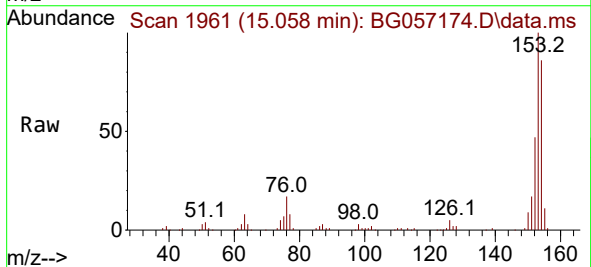
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

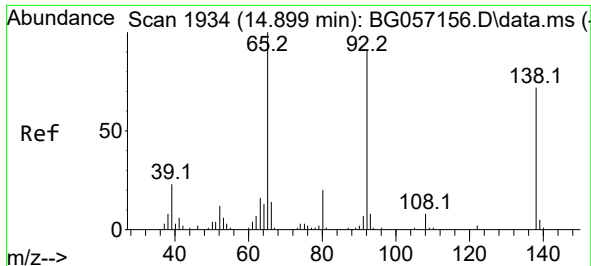
Tgt Ion:165 Resp: 38774
Ion Ratio Lower Upper
165 100
63 61.6 45.5 68.3
89 67.5 50.1 75.1



#52
Acenaphthene
Concen: 44.778 ng
RT: 15.058 min Scan# 1961
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:154 Resp: 124559
Ion Ratio Lower Upper
154 100
153 116.3 91.0 136.4
152 54.8 43.0 64.6

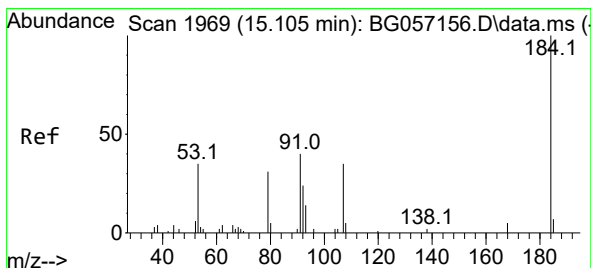
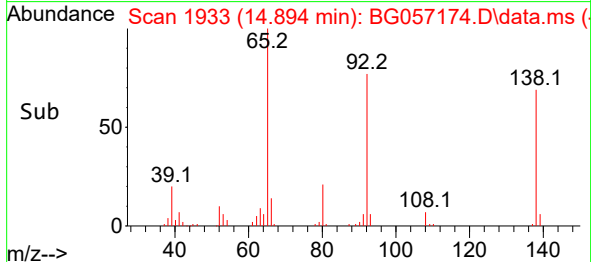
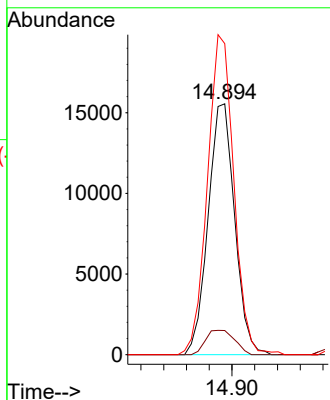
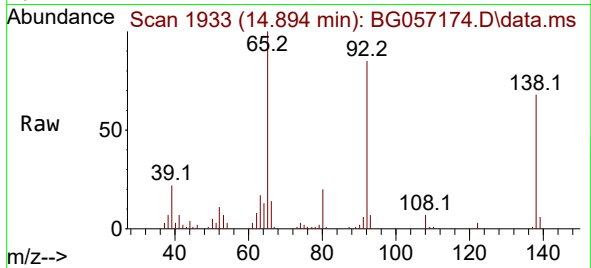




#53
3-Nitroaniline
Concen: 36.413 ng
RT: 14.894 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

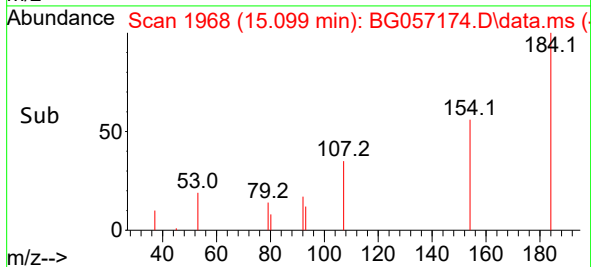
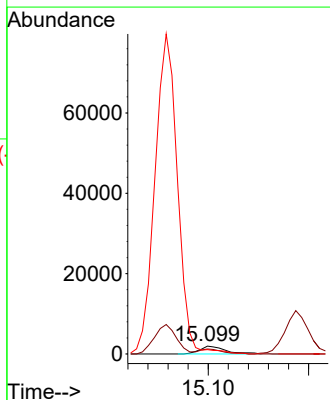
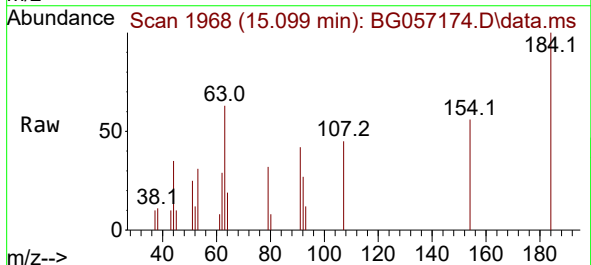
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

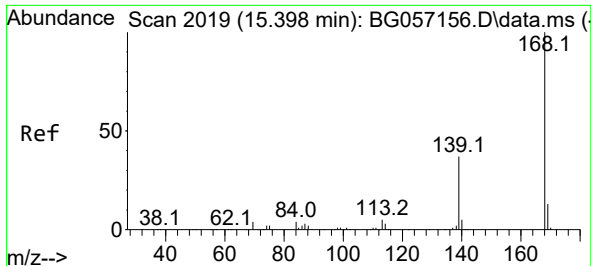
Tgt Ion:138 Resp: 25253
Ion Ratio Lower Upper
138 100
108 9.7 8.8 13.2
92 124.0 101.4 152.2



#54
2,4-Dinitrophenol
Concen: 14.607 ng
RT: 15.099 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:184 Resp: 3508
Ion Ratio Lower Upper
184 100
63 62.9 43.4 65.0
154 55.8 45.2 67.8

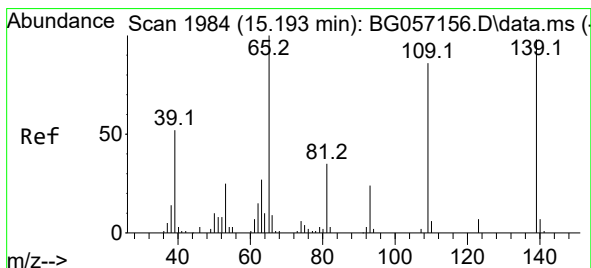
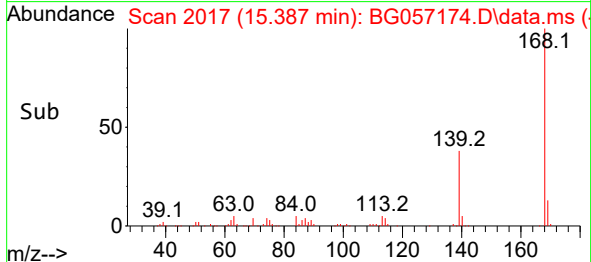
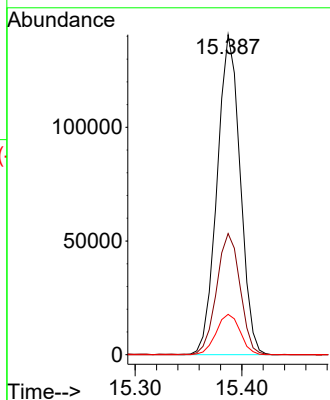
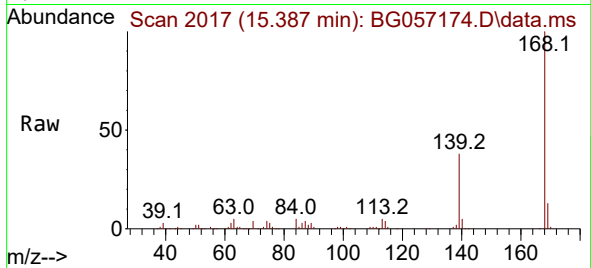




#55
Dibenzenofuran
Concen: 46.861 ng
RT: 15.387 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

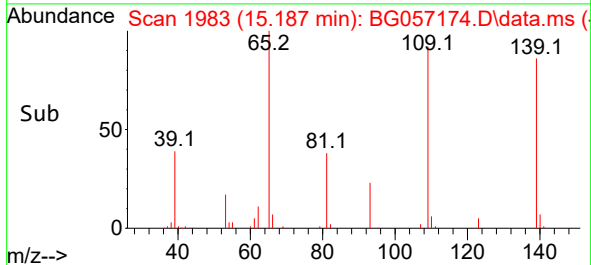
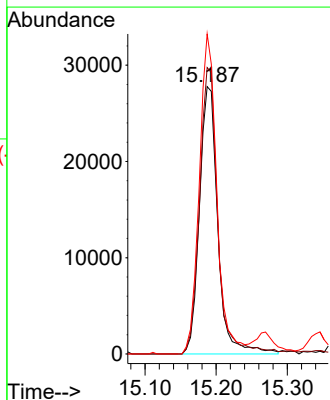
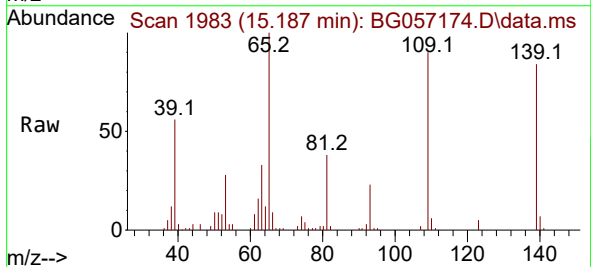
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

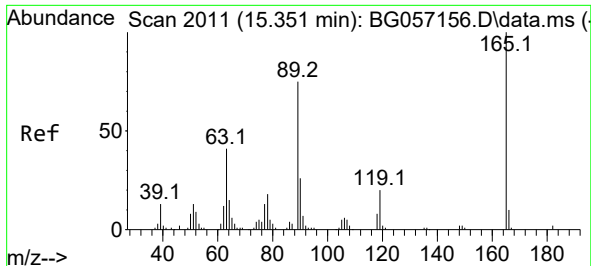
Tgt Ion:168 Resp: 211213
Ion Ratio Lower Upper
168 100
139 37.9 29.2 43.8
169 12.6 10.6 15.8



#56
4-Nitrophenol
Concen: 102.596 ng
RT: 15.187 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:139 Resp: 50082
Ion Ratio Lower Upper
139 100
109 107.1 67.3 107.3
65 119.7 82.0 122.0





#57

2,4-Dinitrotoluene

Concen: 59.019 ng

RT: 15.346 min Scan# 2011

Delta R.T. -0.005 min

Lab File: BG057174.D

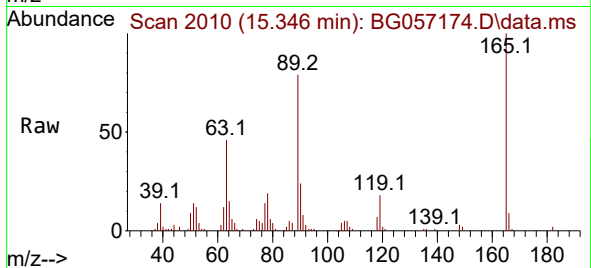
Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD



Tgt Ion:165 Resp: 56133

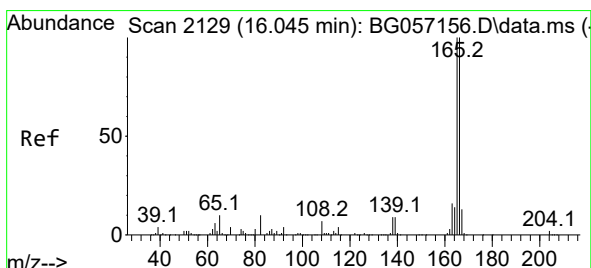
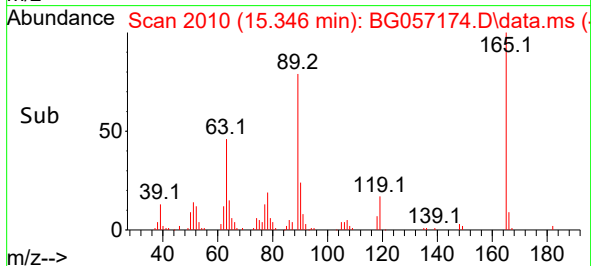
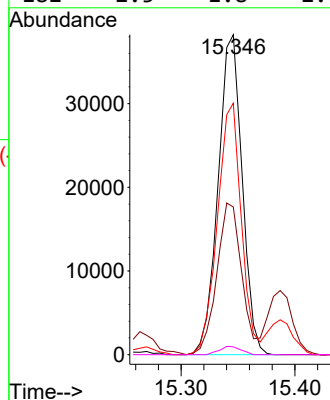
Ion Ratio Lower Upper

165 100

63 46.2 33.0 49.4

89 78.6 60.0 90.0

182 2.5 1.8 2.6



#58

Fluorene

Concen: 49.734 ng

RT: 16.033 min Scan# 2127

Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

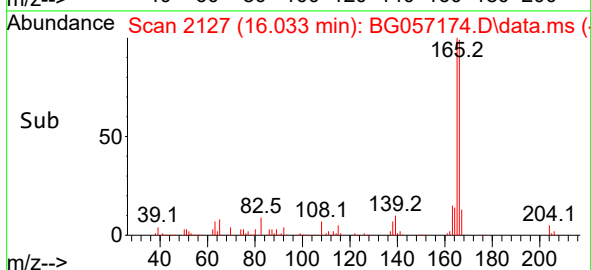
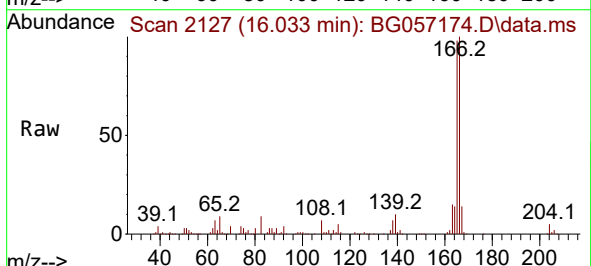
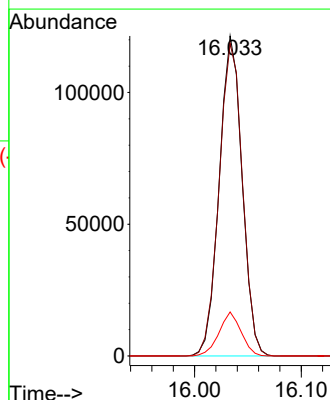
Tgt Ion:166 Resp: 180474

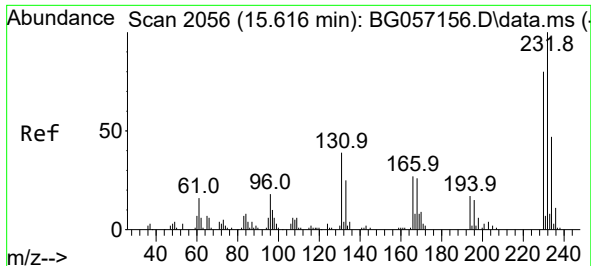
Ion Ratio Lower Upper

166 100

165 97.6 79.8 119.6

167 13.7 10.7 16.1

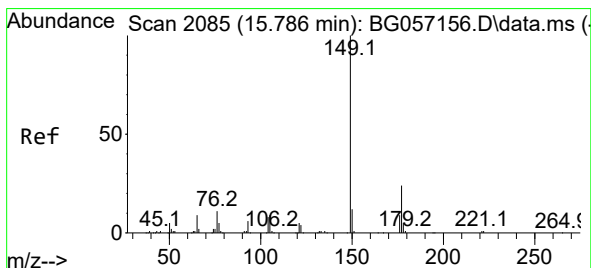
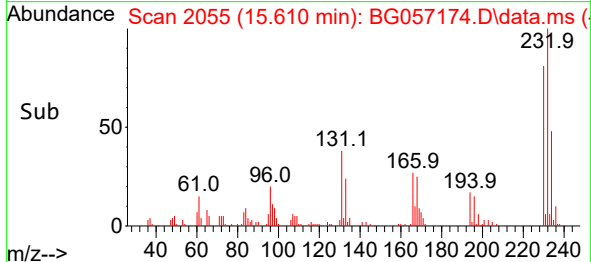
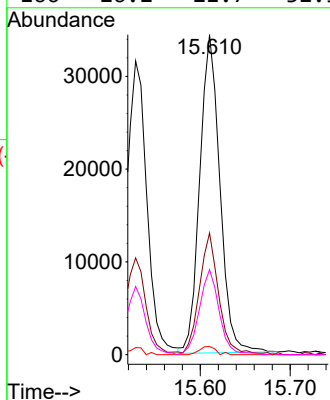
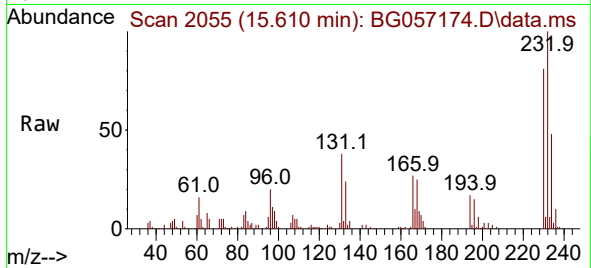




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.634 ng
RT: 15.610 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

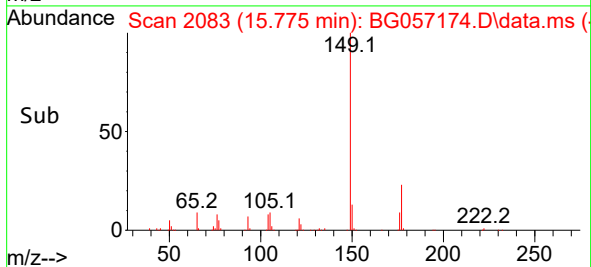
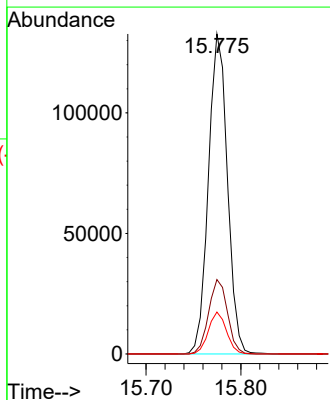
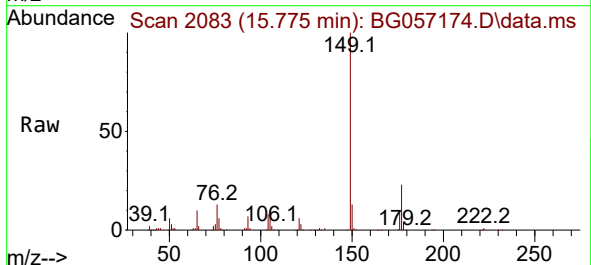
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

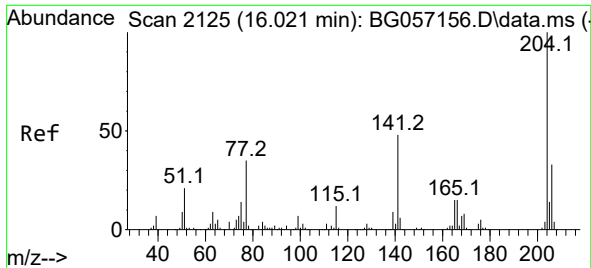
Tgt Ion:232 Resp: 53357
Ion Ratio Lower Upper
232 100
131 37.3 30.8 46.2
130 2.1 1.6 2.4
166 26.2 21.7 32.5



#60
Diethylphthalate
Concen: 57.207 ng
RT: 15.775 min Scan# 2083
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:149 Resp: 184504
Ion Ratio Lower Upper
149 100
177 23.3 19.0 28.4
150 13.1 9.8 14.8

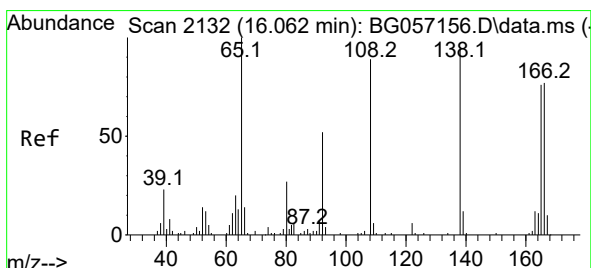
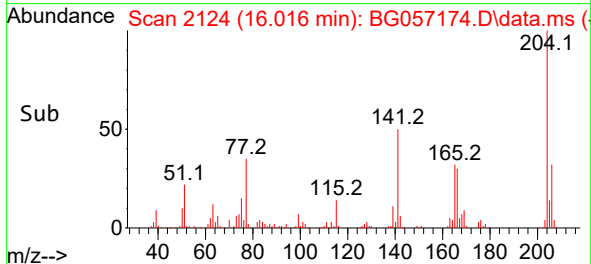
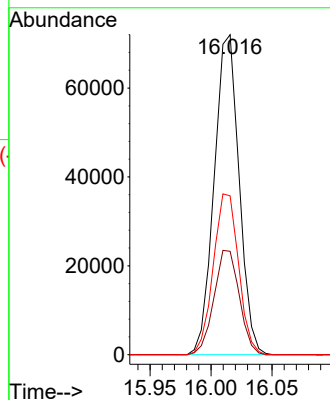
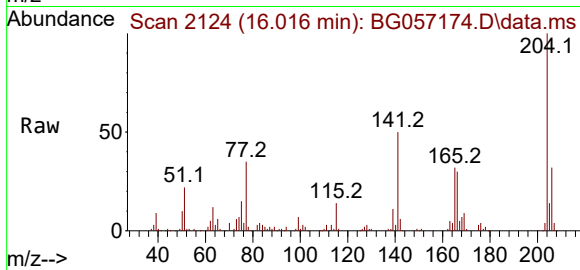




#61
4-Chlorophenyl-phenylether
Concen: 46.938 ng
RT: 16.016 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

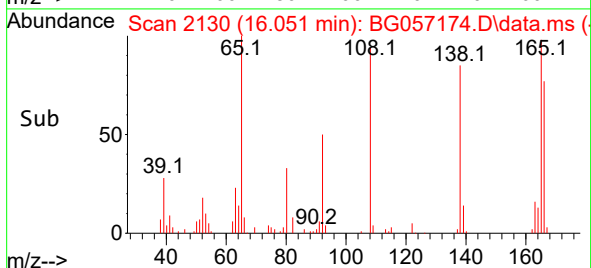
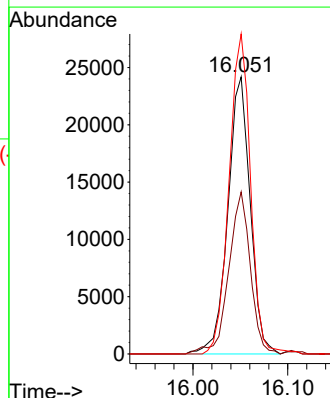
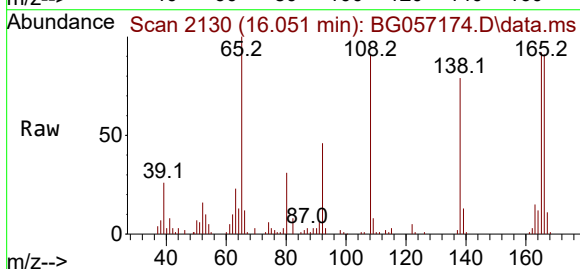
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

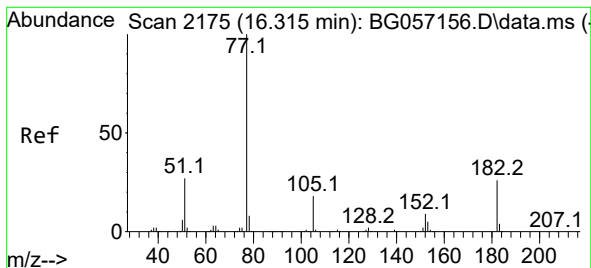
Tgt Ion:204 Resp: 102229
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 49.6 38.6 57.8



#62
4-Nitroaniline
Concen: 56.744 ng
RT: 16.051 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:138 Resp: 39626
Ion Ratio Lower Upper
138 100
92 58.5 34.9 74.9
108 115.5 73.0 113.0#





#63

Azobenzene

Concen: 57.596 ng

RT: 16.303 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BG057174.D

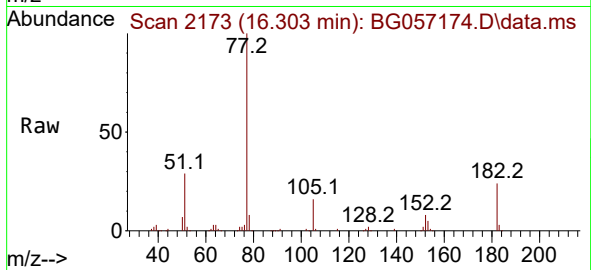
Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD



Tgt Ion: 77 Resp: 197606

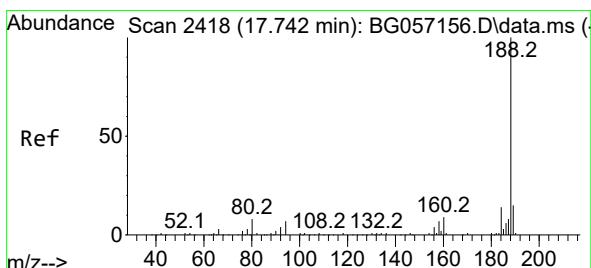
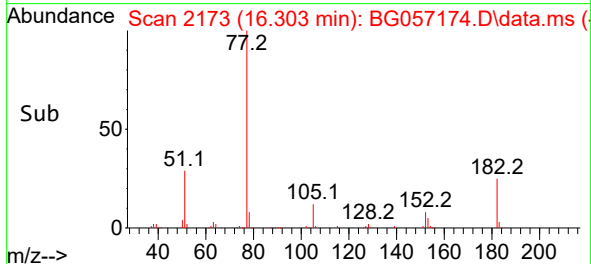
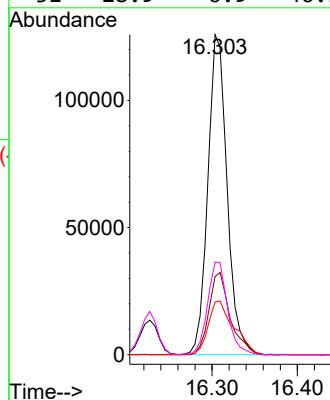
Ion Ratio Lower Upper

77 100

182 24.4 6.1 46.1

105 16.4 0.0 38.4

51 28.9 6.9 46.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.731 min Scan# 2416

Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

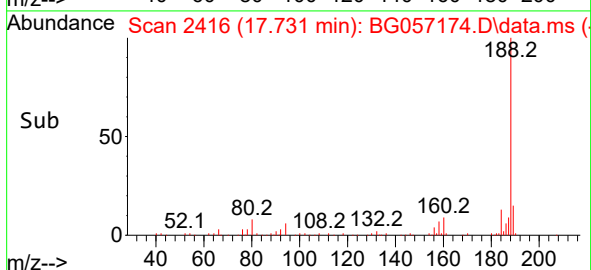
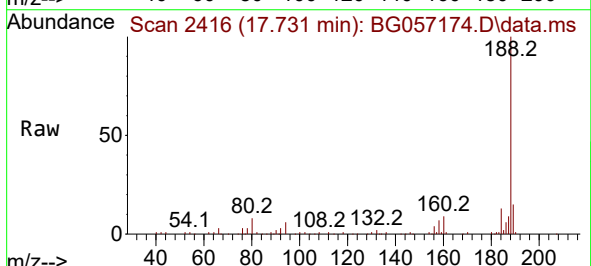
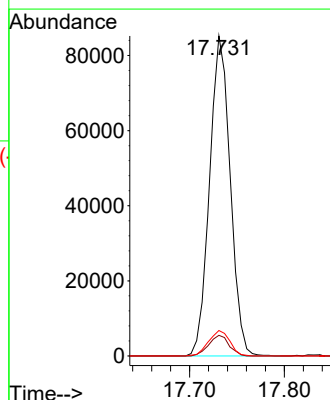
Tgt Ion: 188 Resp: 129118

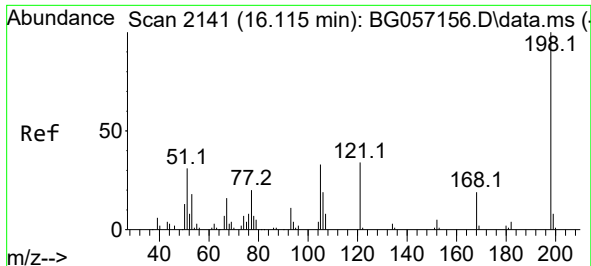
Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

80 8.0 6.2 9.2

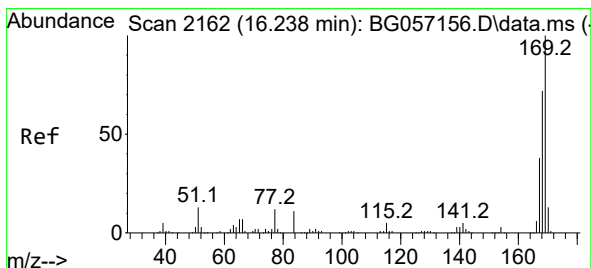
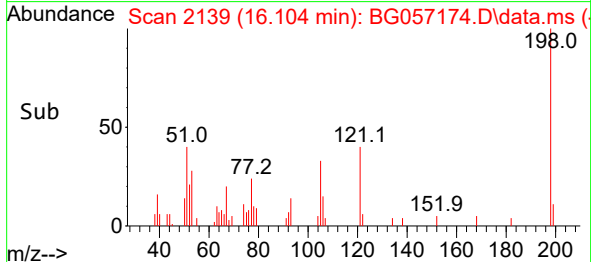
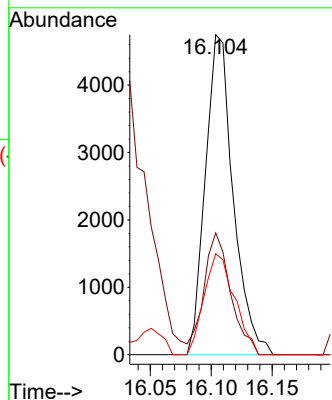
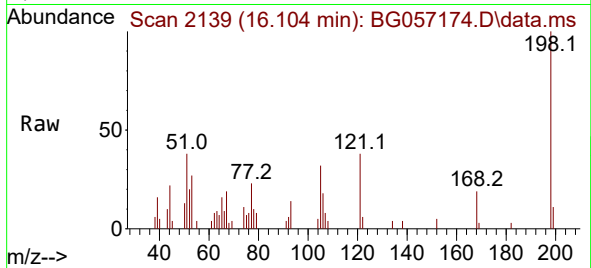




#65
4,6-Dinitro-2-methylphenol
Concen: 14.971 ng
RT: 16.104 min Scan# 2141
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

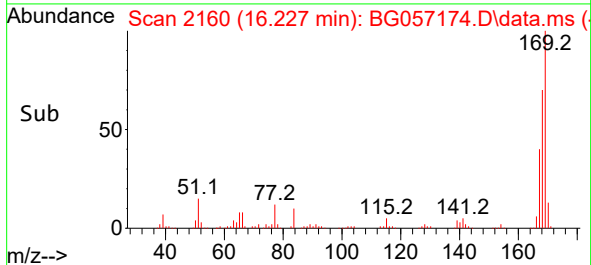
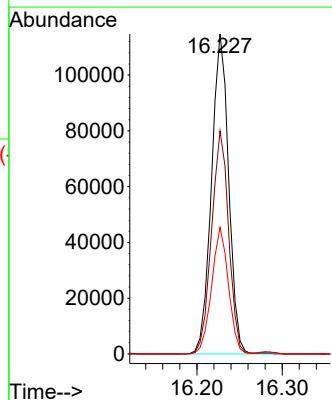
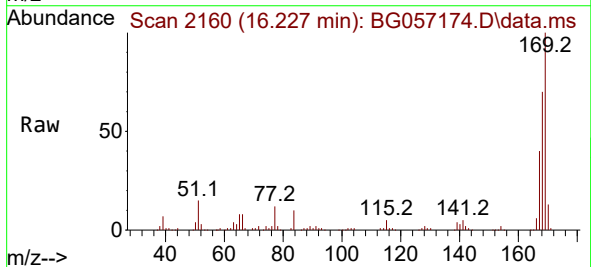
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

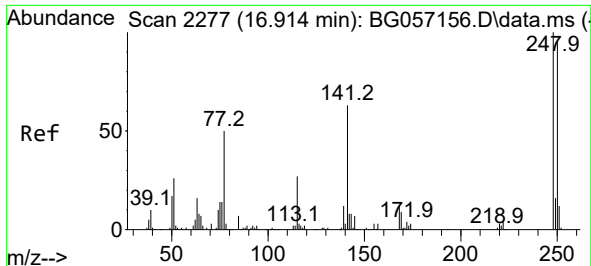
Tgt Ion:198 Resp: 7529
Ion Ratio Lower Upper
198 100
51 38.1 13.1 53.1
105 31.6 14.1 54.1



#66
n-Nitrosodiphenylamine
Concen: 47.708 ng
RT: 16.227 min Scan# 2160
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:169 Resp: 160732
Ion Ratio Lower Upper
169 100
168 69.7 57.8 86.6
167 39.6 30.5 45.7

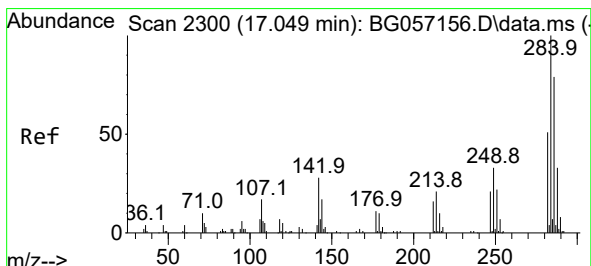
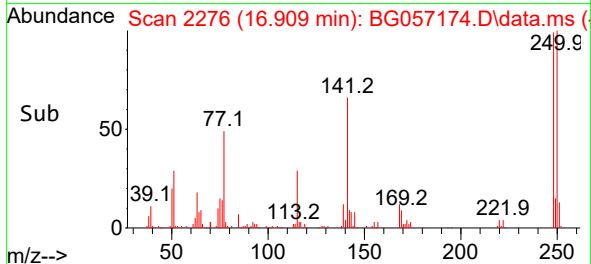
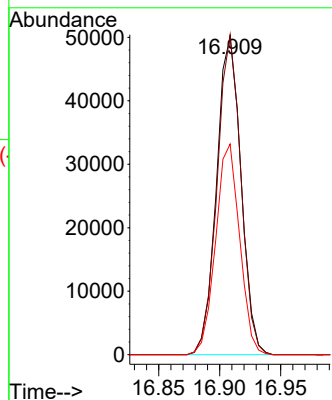
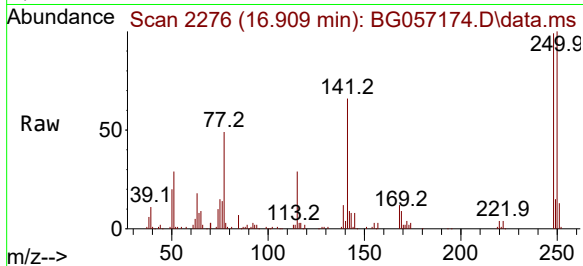




#67
4-Bromophenyl-phenylether
Concen: 44.934 ng
RT: 16.909 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

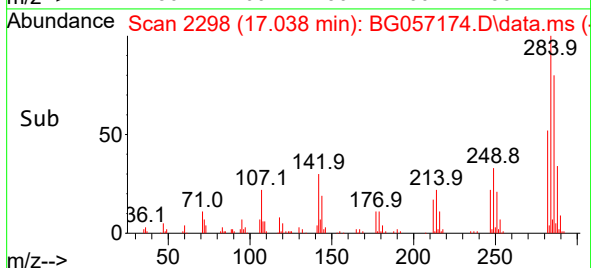
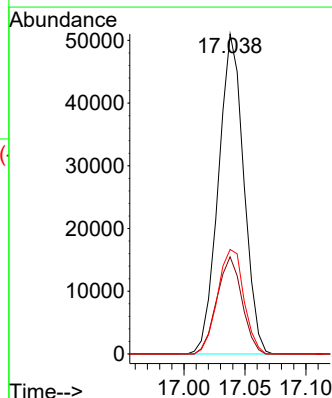
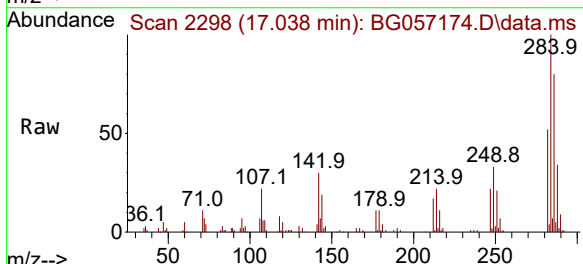
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

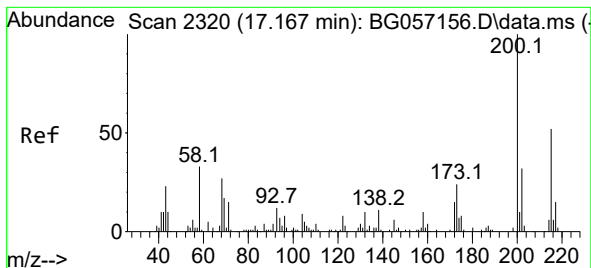
Tgt Ion:248 Resp: 69772
Ion Ratio Lower Upper
248 100
250 100.6 75.8 113.8
141 66.3 50.1 75.1



#68
Hexachlorobenzene
Concen: 46.308 ng
RT: 17.038 min Scan# 2298
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:284 Resp: 73753
Ion Ratio Lower Upper
284 100
142 30.4 22.6 33.8
249 32.7 26.6 40.0





#69

Atrazine

Concen: 65.951 ng

RT: 17.161 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

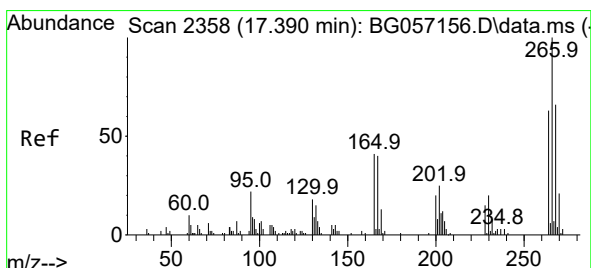
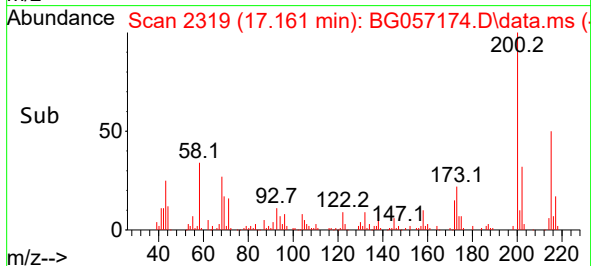
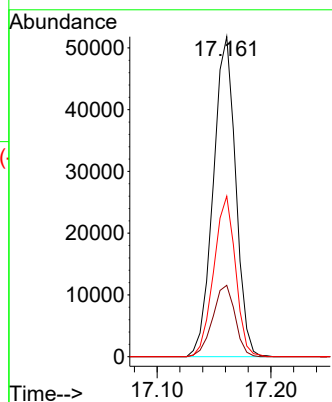
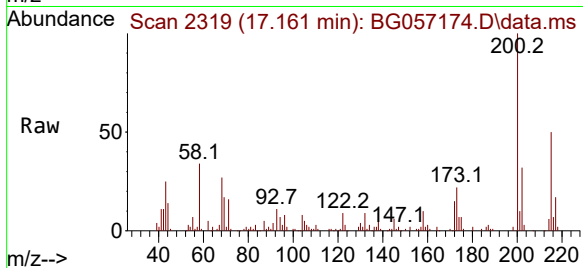
Tgt Ion:200 Resp: 70968

Ion Ratio Lower Upper

200 100

173 22.3 4.2 44.2

215 50.2 31.8 71.8



#70

Pentachlorophenol

Concen: 43.617 ng

RT: 17.378 min Scan# 2356

Delta R.T. -0.012 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

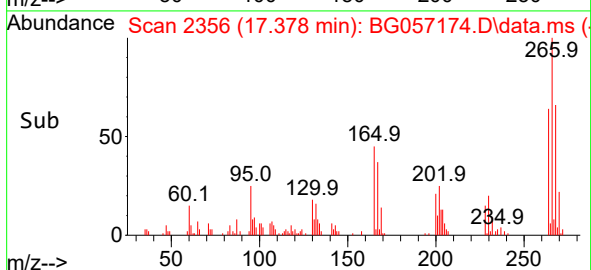
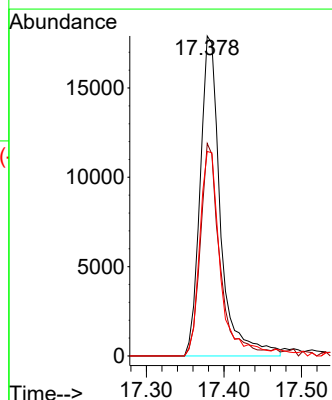
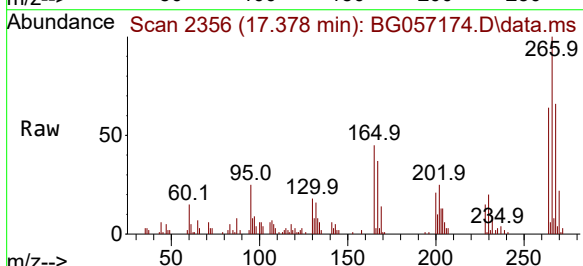
Tgt Ion:266 Resp: 32646

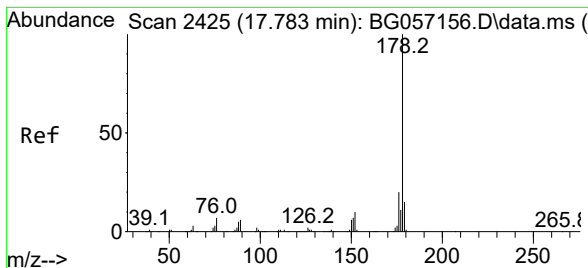
Ion Ratio Lower Upper

266 100

268 66.4 52.5 78.7

264 63.9 50.7 76.1





#71

Phenanthrene

Concen: 48.014 ng

RT: 17.778 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

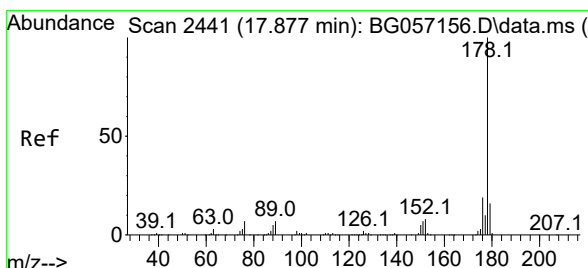
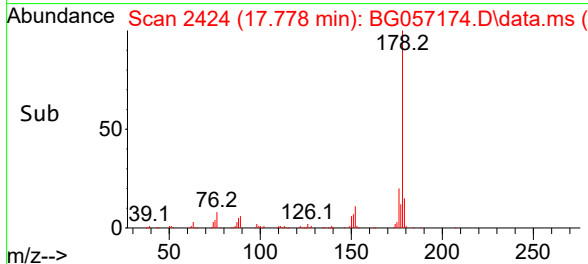
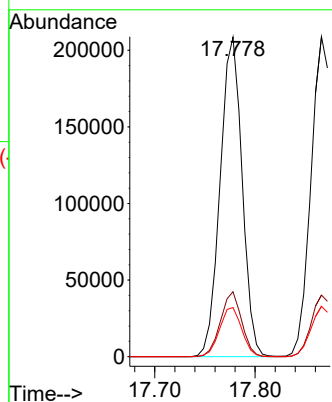
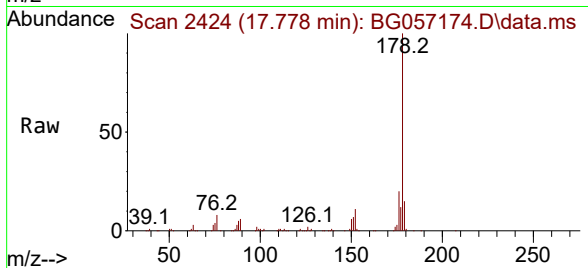
Tgt Ion:178 Resp: 316489

Ion Ratio Lower Upper

178 100

176 20.3 15.6 23.4

179 15.4 12.4 18.6



#72

Anthracene

Concen: 48.105 ng

RT: 17.866 min Scan# 2439

Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

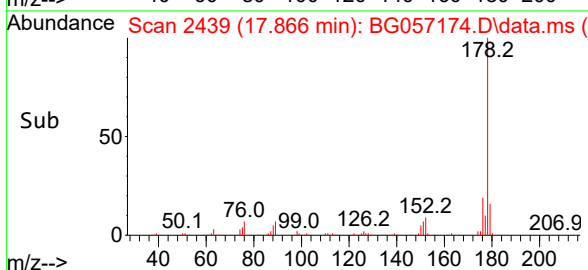
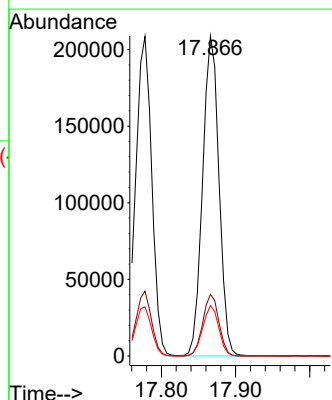
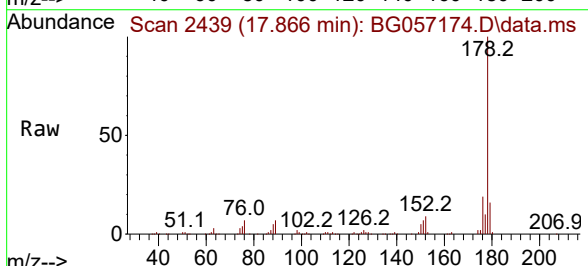
Tgt Ion:178 Resp: 320616

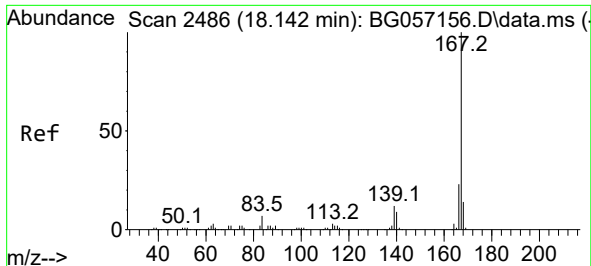
Ion Ratio Lower Upper

178 100

176 19.2 14.9 22.3

179 15.8 12.5 18.7

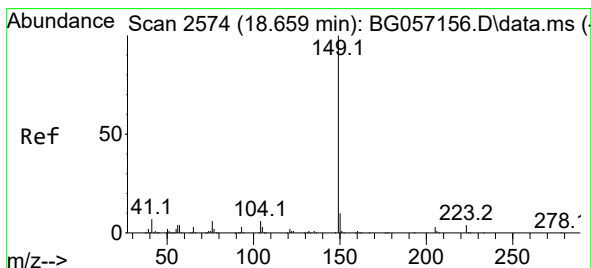
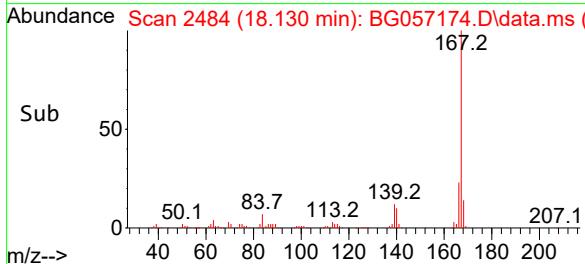
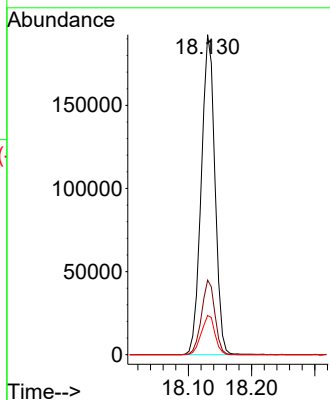
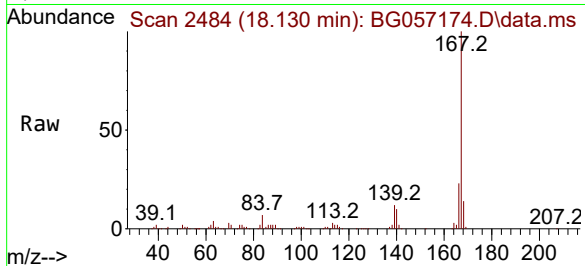




#73
Carbazole
Concen: 51.325 ng
RT: 18.130 min Scan# 2486
Delta R.T. -0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

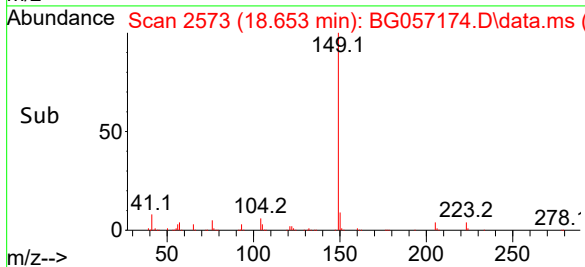
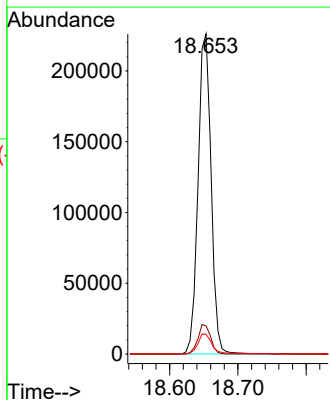
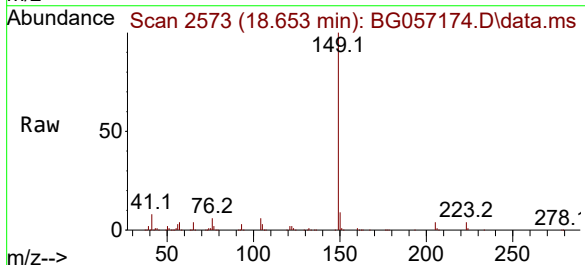
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

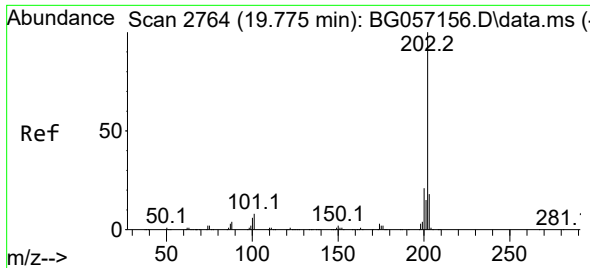
Tgt Ion:167 Resp: 288752
Ion Ratio Lower Upper
167 100
166 23.3 18.3 27.5
139 12.3 9.6 14.4



#74
Di-n-butylphthalate
Concen: 57.434 ng
RT: 18.653 min Scan# 2573
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:149 Resp: 300566
Ion Ratio Lower Upper
149 100
150 8.8 7.6 11.4
104 6.1 4.7 7.1

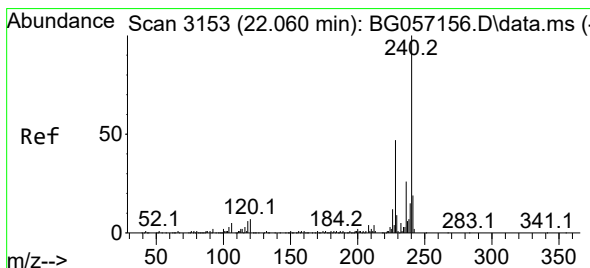
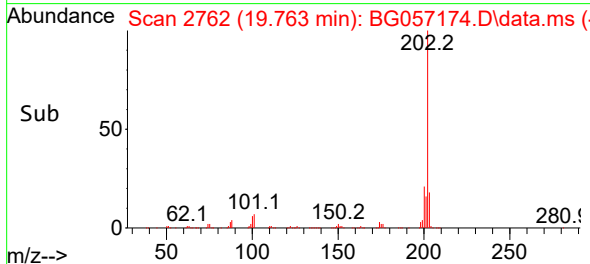
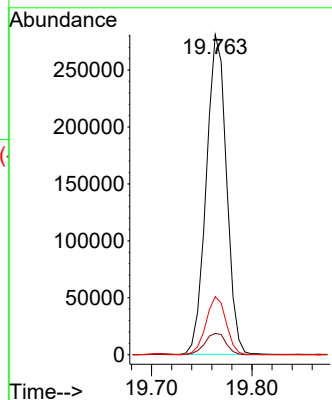
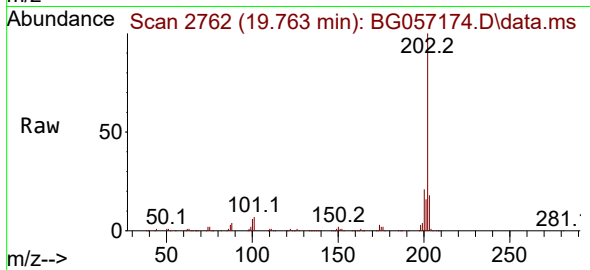




#75
Fluoranthene
Concen: 48.078 ng
RT: 19.763 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

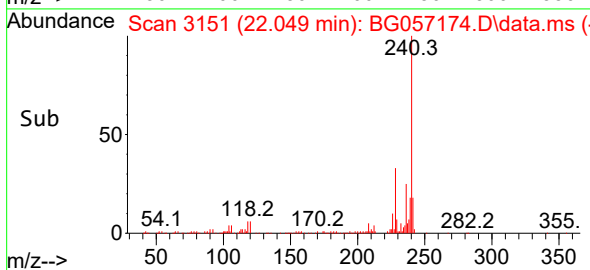
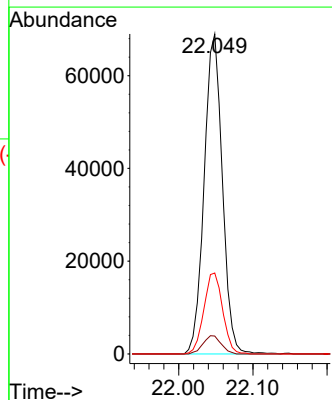
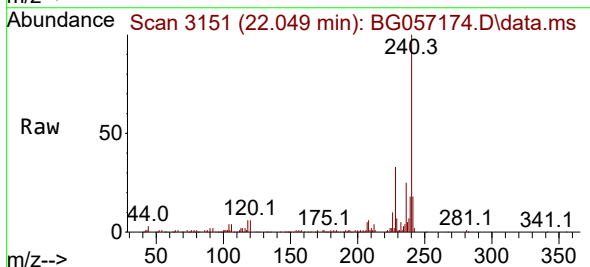
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

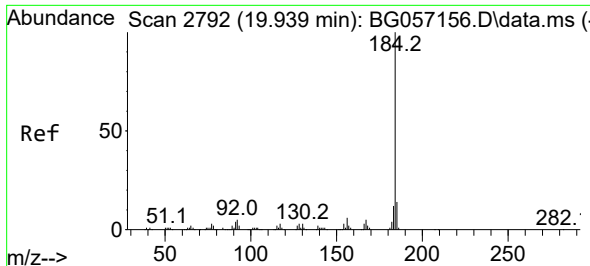
Tgt Ion:202 Resp: 393724
Ion Ratio Lower Upper
202 100
101 6.7 0.0 27.6
203 18.1 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.049 min Scan# 3151
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:240 Resp: 117452
Ion Ratio Lower Upper
240 100
120 5.6 5.5 8.3
236 25.3 20.8 31.2

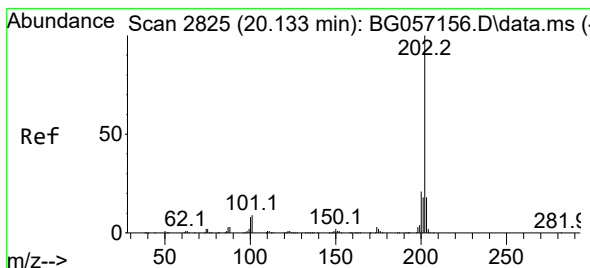
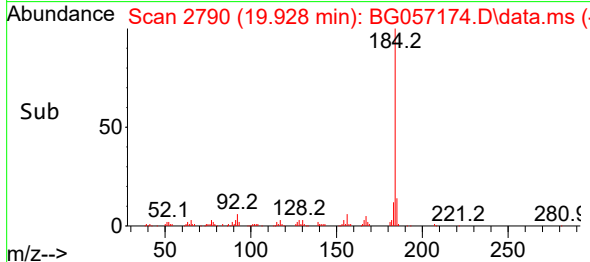
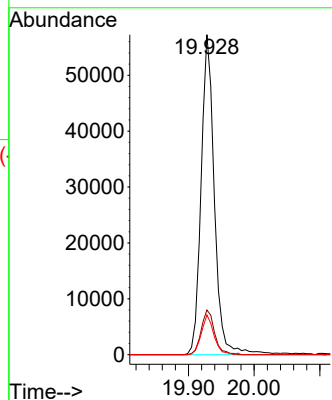
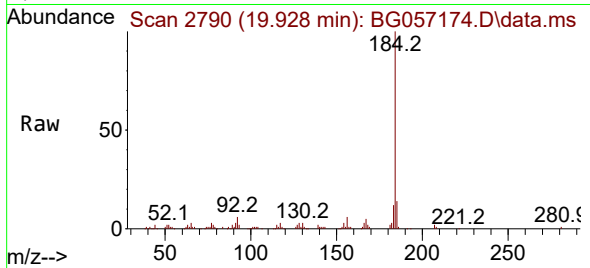




#77
Benzidine
Concen: 45.641 ng
RT: 19.928 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

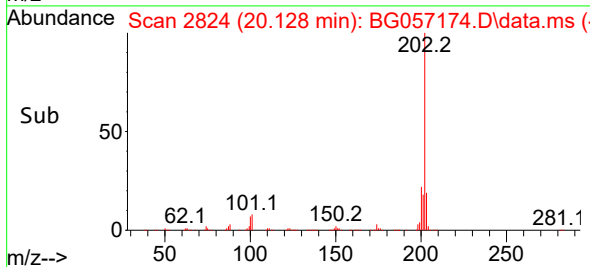
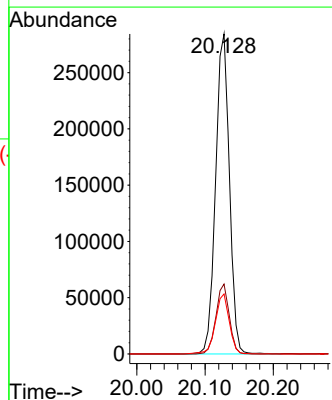
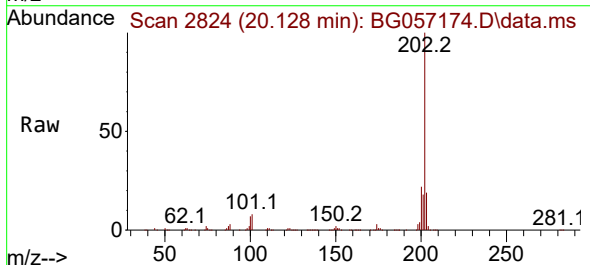
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

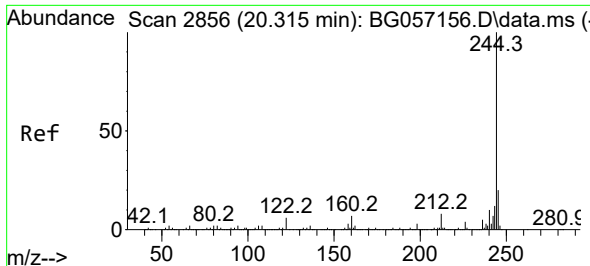
Tgt Ion:184 Resp: 80777
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 12.4 9.4 14.0



#78
Pyrene
Concen: 50.139 ng
RT: 20.128 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:202 Resp: 399823
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.4
203 18.8 14.7 22.1

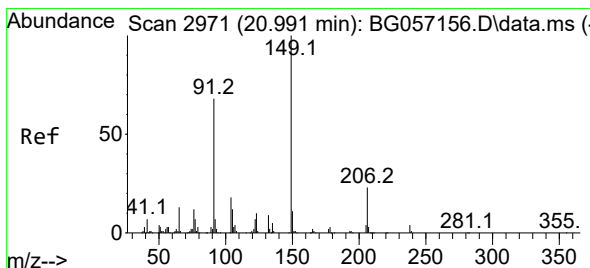
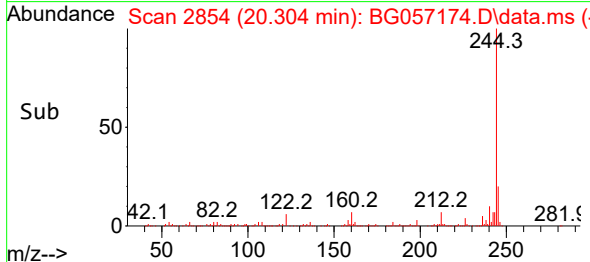
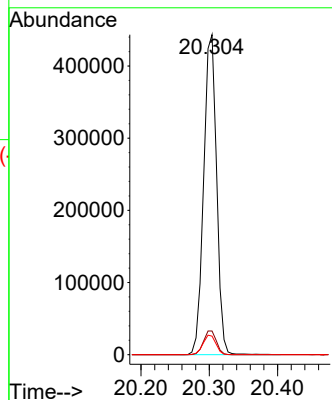
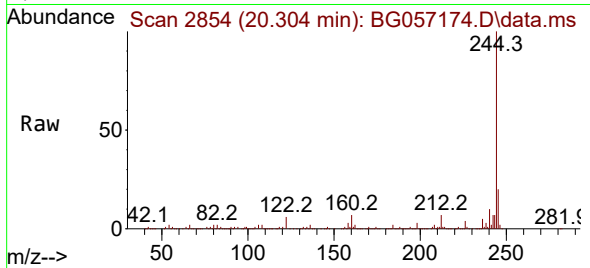




#79
 Terphenyl-d14
 Concen: 87.042 ng
 RT: 20.304 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057174.D
 Acq: 25 Apr 2023 13:16

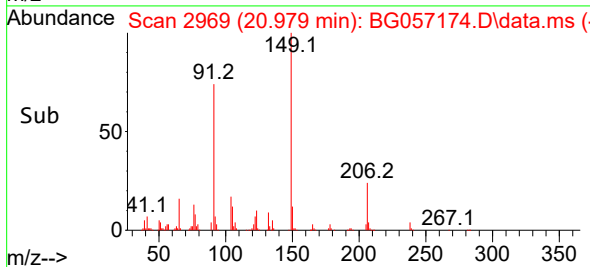
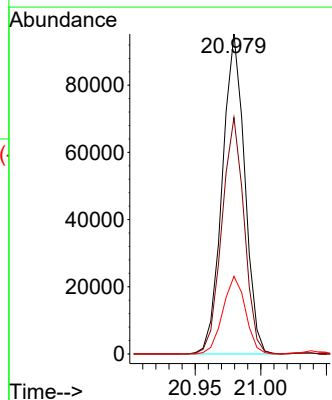
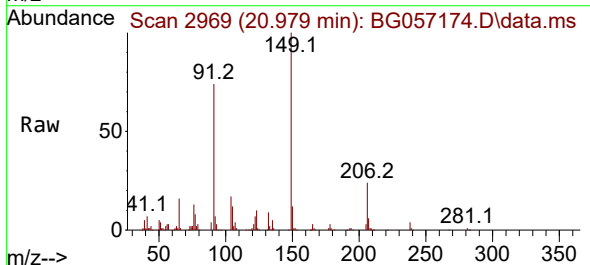
Instrument :
 BNA_G
 ClientSampleId :
 SPD-1WC-23-04-18MSD

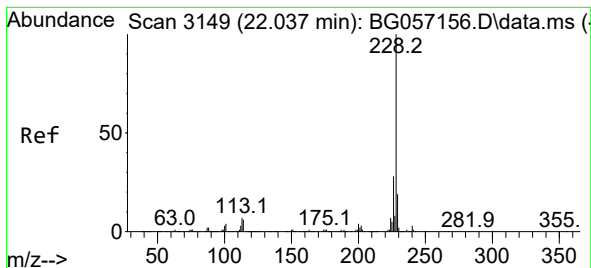
Tgt Ion:244 Resp: 584480
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 5.8 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 53.923 ng
 RT: 20.979 min Scan# 2969
 Delta R.T. -0.012 min
 Lab File: BG057174.D
 Acq: 25 Apr 2023 13:16

Tgt Ion:149 Resp: 112887
 Ion Ratio Lower Upper
 149 100
 91 73.9 54.1 81.1
 206 24.3 18.2 27.2





#81

Benzo(a)anthracene

Concen: 49.205 ng

RT: 22.025 min Scan# 3147

Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

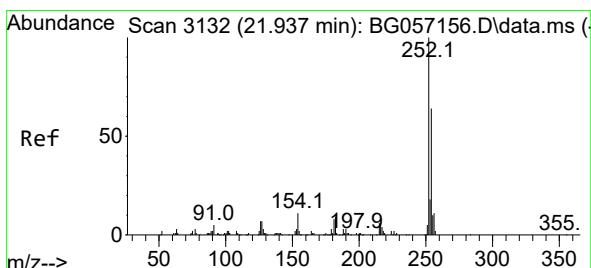
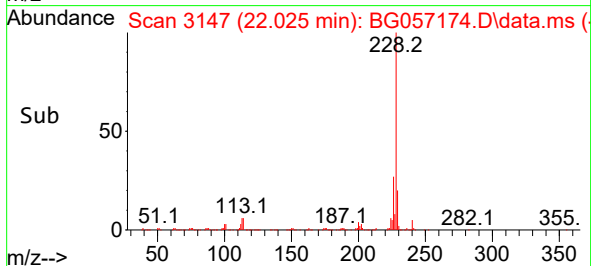
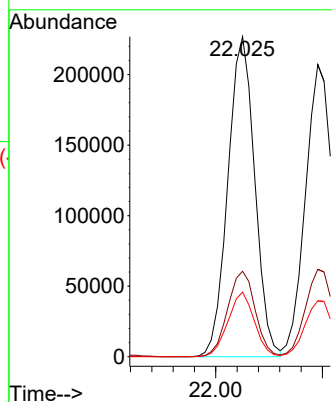
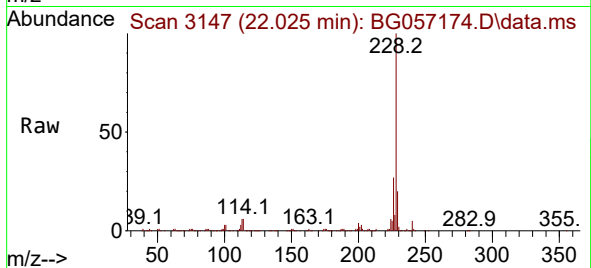
Tgt Ion:228 Resp: 397353

Ion Ratio Lower Upper

228 100

226 26.7 22.2 33.4

229 20.2 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 43.690 ng

RT: 21.919 min Scan# 3129

Delta R.T. -0.018 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

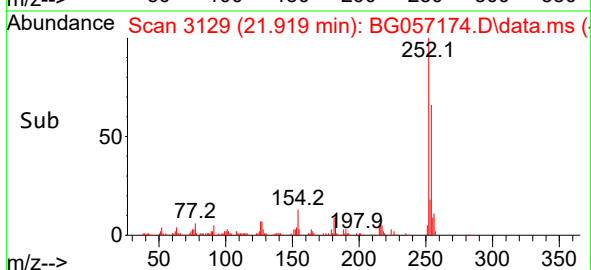
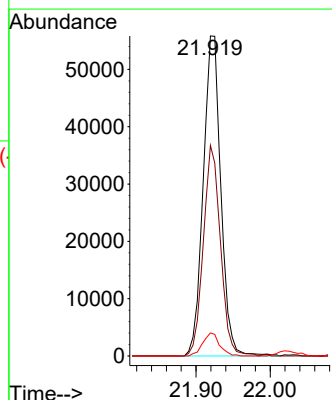
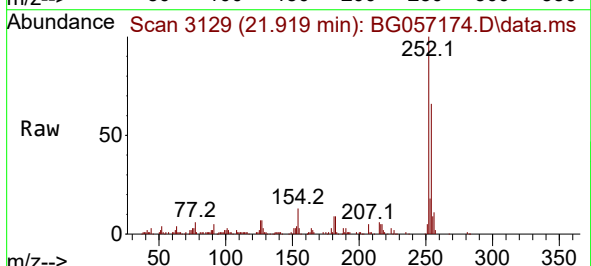
Tgt Ion:252 Resp: 92343

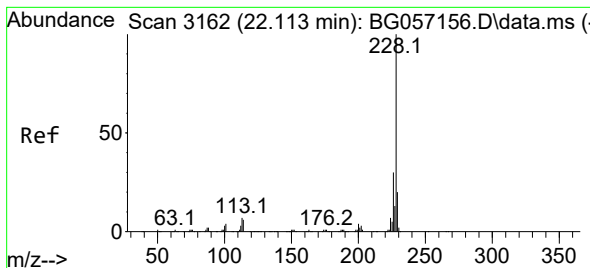
Ion Ratio Lower Upper

252 100

254 65.8 50.9 76.3

126 7.2 5.9 8.9





#83

Chrysene

Concen: 46.940 ng

RT: 22.096 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

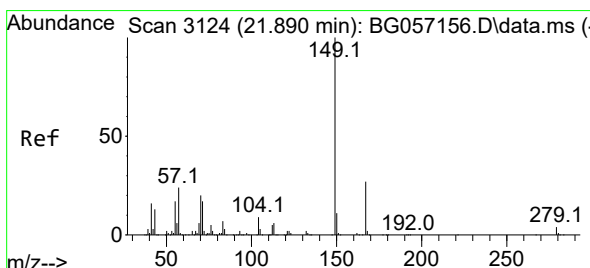
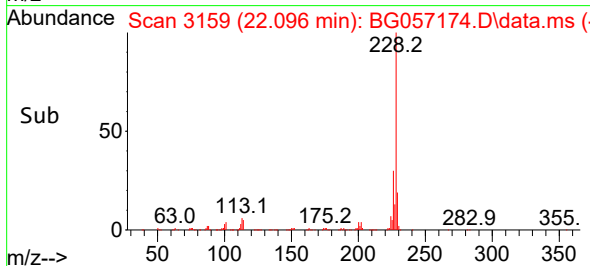
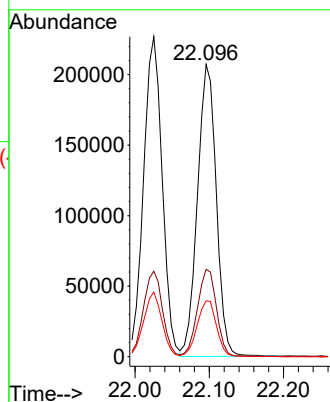
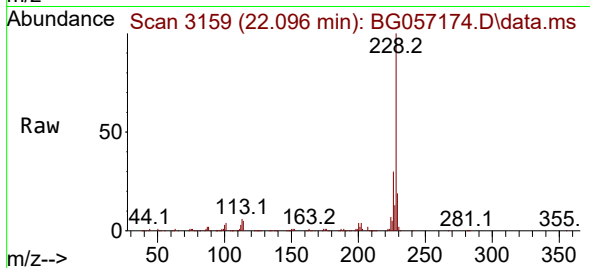
Tgt Ion:228 Resp: 365551

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.991 ng

RT: 21.872 min Scan# 3121

Delta R.T. -0.018 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

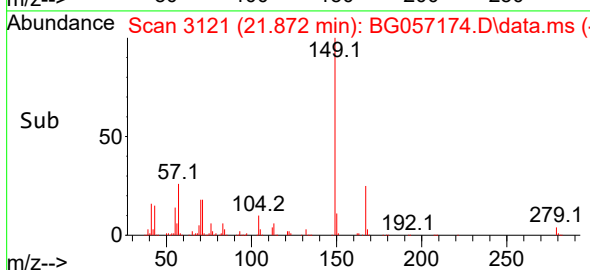
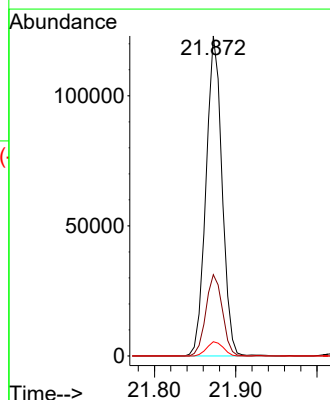
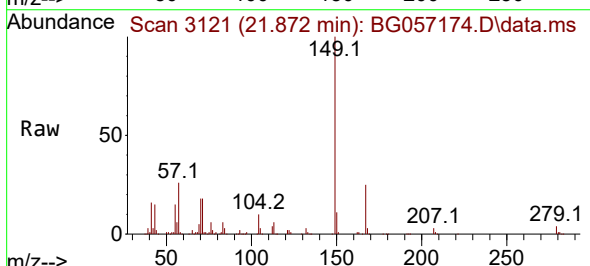
Tgt Ion:149 Resp: 168578

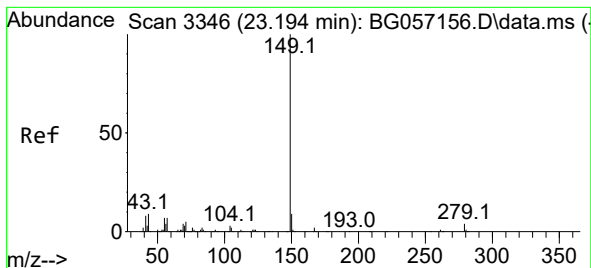
Ion Ratio Lower Upper

149 100

167 25.4 21.9 32.9

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 54.309 ng

RT: 23.176 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

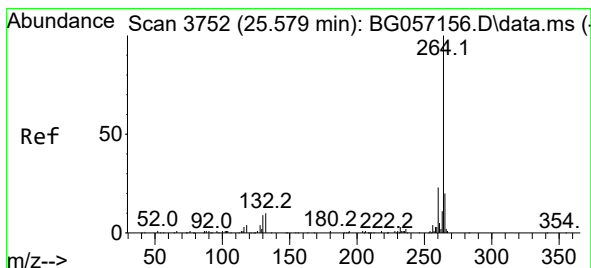
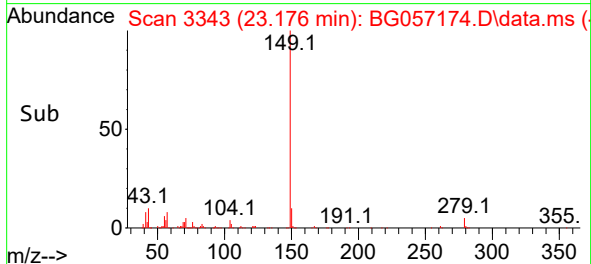
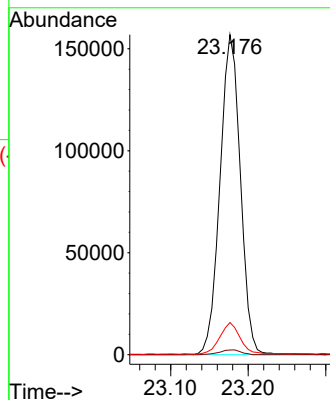
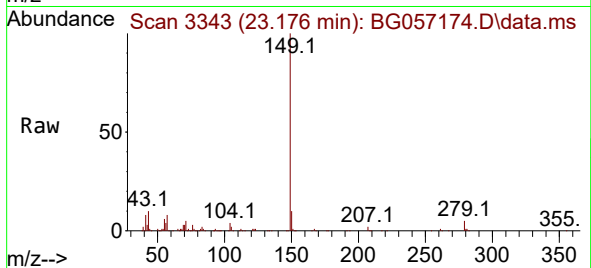
Tgt Ion:149 Resp: 286085

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.8 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.561 min Scan# 3749

Delta R.T. -0.017 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

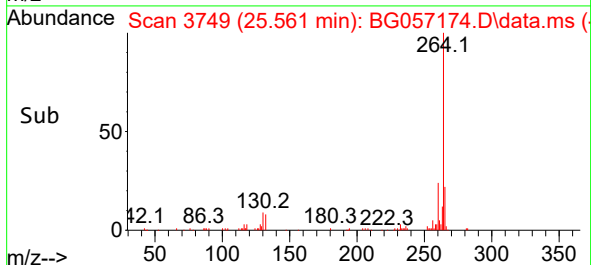
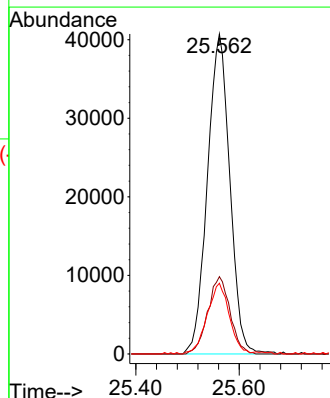
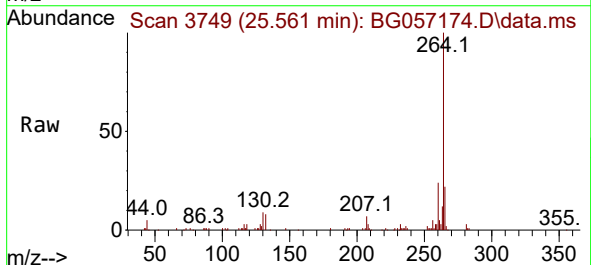
Tgt Ion:264 Resp: 122339

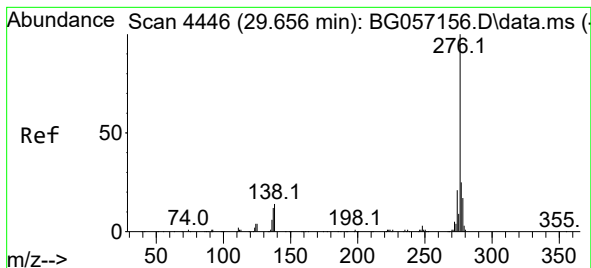
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.1 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.959 ng

RT: 29.632 min Scan# 4442

Delta R.T. -0.023 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

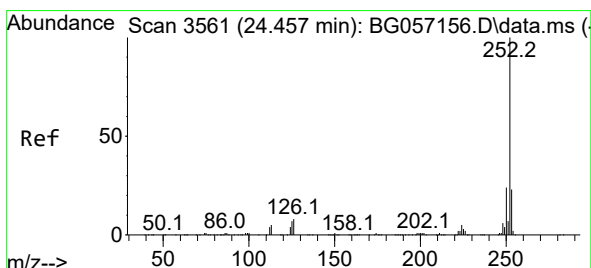
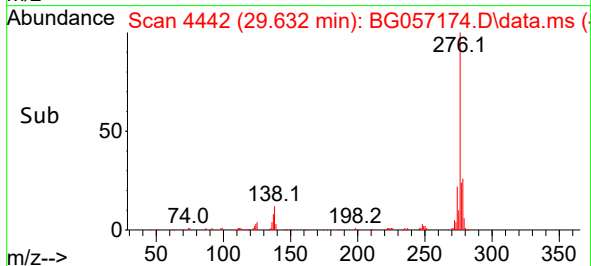
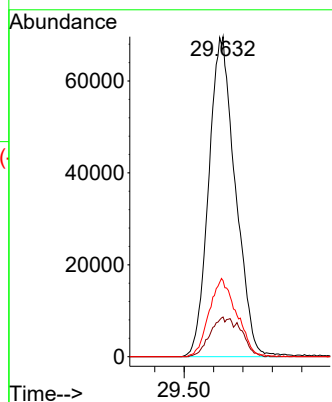
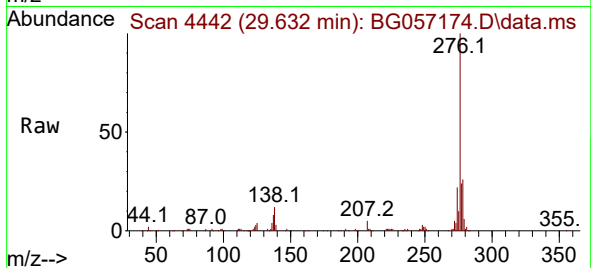
Tgt Ion:276 Resp: 437808

Ion Ratio Lower Upper

276 100

138 7.0 13.8 20.6#

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 51.452 ng

RT: 24.434 min Scan# 3557

Delta R.T. -0.023 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

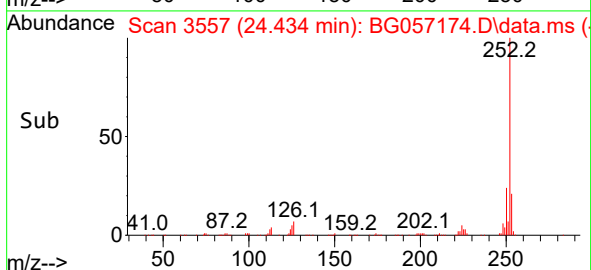
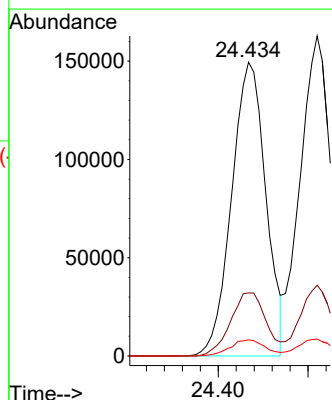
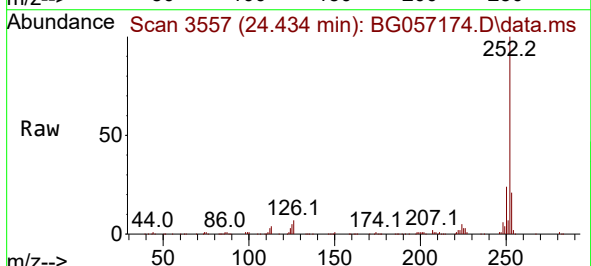
Tgt Ion:252 Resp: 394578

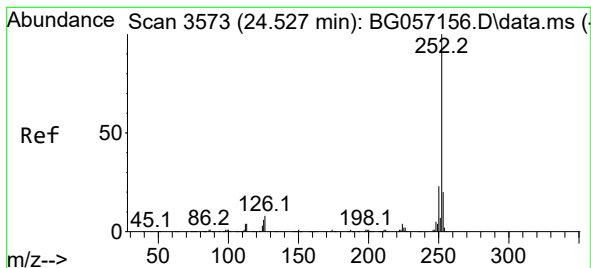
Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

125 5.5 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 50.497 ng

RT: 24.510 min Scan# 3

Delta R.T. -0.017 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

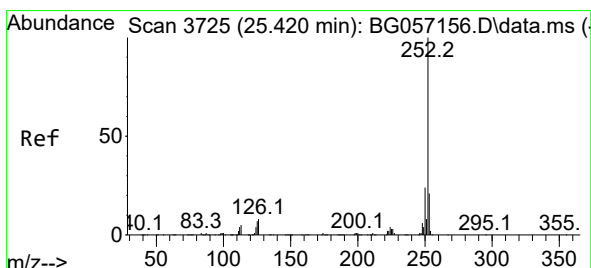
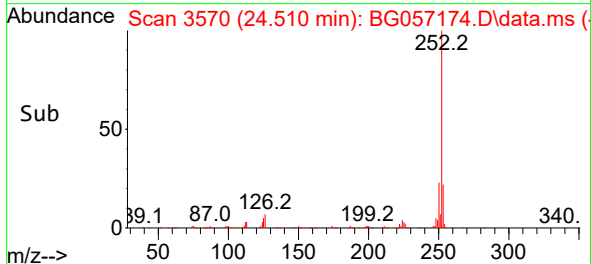
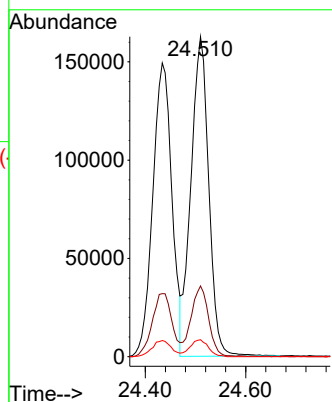
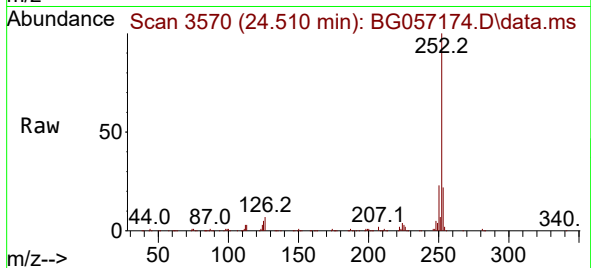
Tgt Ion:252 Resp: 400570

Ion Ratio Lower Upper

252 100

253 22.1 16.7 25.1

125 5.3 5.0 7.6



#90

Benzo(a)pyrene

Concen: 46.360 ng

RT: 25.397 min Scan# 3721

Delta R.T. -0.023 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

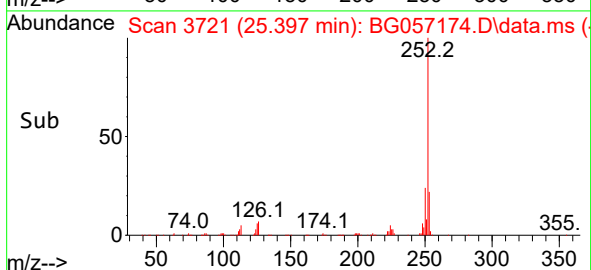
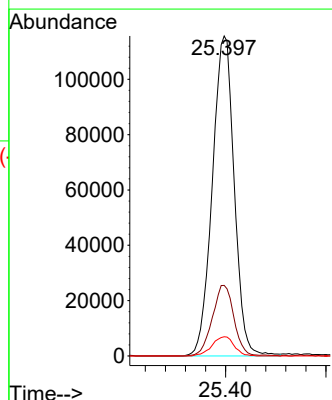
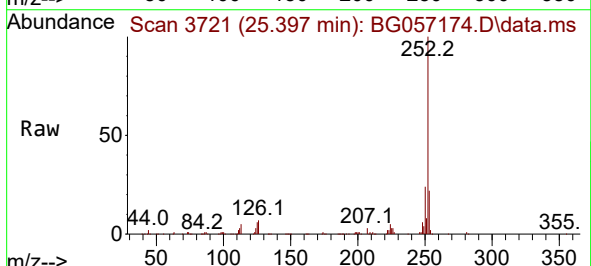
Tgt Ion:252 Resp: 350179

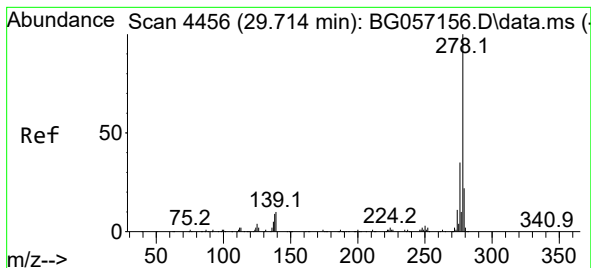
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 6.0 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 49.786 ng

RT: 29.691 min Scan# 4452

Delta R.T. -0.023 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

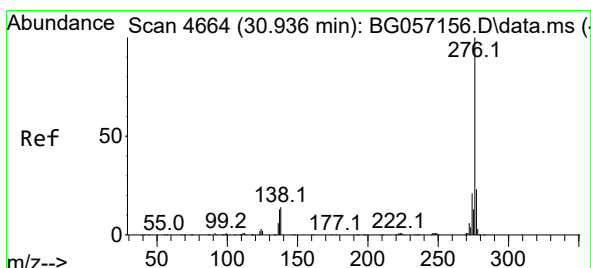
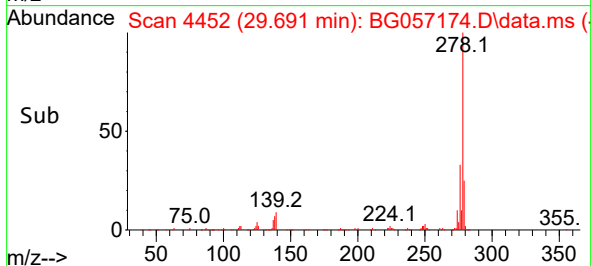
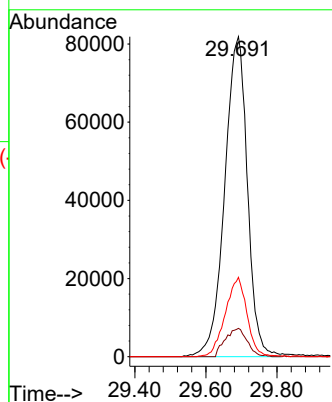
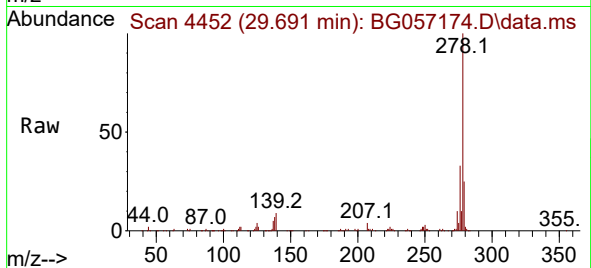
Tgt Ion:278 Resp: 362260

Ion Ratio Lower Upper

278 100

139 8.8 7.9 11.9

279 24.8 17.7 26.5



#92

Benzo(g,h,i)perylene

Concen: 48.675 ng

RT: 30.901 min Scan# 4658

Delta R.T. -0.035 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Tgt Ion:276 Resp: 350430

Ion Ratio Lower Upper

276 100

277 24.7 18.5 27.7

138 12.3 11.5 17.3

