

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057425.D
 Acq On : 13 May 2023 3:19
 Operator : CG/JU
 Sample : PB152709BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152709BS

Quant Time: May 13 05:02:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	15592	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	66851	20.000	ng	0.00
39) Acenaphthene-d10	14.981	164	54851	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	139509	20.000	ng	0.00
76) Chrysene-d12	22.031	240	124179	20.000	ng	0.00
86) Perylene-d12	25.532	264	135062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	142027	155.819	ng	0.00
7) Phenol-d6	7.509	99	208090	150.340	ng	0.00
23) Nitrobenzene-d5	9.542	82	129601	81.367	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	112710	144.820	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	342601	84.121	ng	0.00
79) Terphenyl-d14	20.286	244	689882	90.662	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.673	88	13639	36.190	ng	97
3) Pyridine	4.096	79	37703	31.130	ng	95
4) n-Nitrosodimethylamine	4.008	42	22827	40.106	ng	95
6) Aniline	7.674	93	54336	30.945	ng	98
8) 2-Chlorophenol	7.926	128	51438	53.406	ng	98
9) Benzaldehyde	7.491	77	13949	14.564	ng	98
10) Phenol	7.533	94	71507	52.997	ng	97
11) bis(2-Chloroethyl)ether	7.762	93	46146	45.355	ng	97
12) 1,3-Dichlorobenzene	8.249	146	52326	49.224	ng	99
13) 1,4-Dichlorobenzene	8.396	146	53833	50.416	ng	94
14) 1,2-Dichlorobenzene	8.725	146	52429	50.863	ng	95
15) Benzyl Alcohol	8.602	79	57425	49.801	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.884	45	55462	43.249	ng	98
17) 2-Methylphenol	8.801	107	49430	50.821	ng	95
18) Hexachloroethane	9.459	117	19081	49.518	ng	96
19) n-Nitroso-di-n-propyla...	9.166	70	45665	43.267	ng	99
20) 3+4-Methylphenols	9.130	107	67063	50.355	ng	95
22) Acetophenone	9.195	105	83786	43.790	ng	# 94
24) Nitrobenzene	9.589	77	67574	42.033	ng	95
25) Isophorone	10.106	82	122804	39.760	ng	96
26) 2-Nitrophenol	10.305	139	29734	48.319	ng	97
27) 2,4-Dimethylphenol	10.346	122	55432	51.444	ng	94
28) bis(2-Chloroethoxy)met...	10.576	93	66466	42.956	ng	97
29) 2,4-Dichlorophenol	10.846	162	60295	52.759	ng	97
30) 1,2,4-Trichlorobenzene	11.057	180	61052	46.316	ng	99
31) Naphthalene	11.251	128	158621	44.383	ng	99
32) Benzoic acid	10.505	122	27393	44.471	ng	87
33) 4-Chloroaniline	11.357	127	32989	20.554	ng	94
34) Hexachlorobutadiene	11.521	225	44298	45.290	ng	96
35) Caprolactam	12.121	113	11411	29.230	ng	92
36) 4-Chloro-3-methylphenol	12.455	107	65301	50.280	ng	97
37) 2-Methylnaphthalene	12.831	142	124010	44.132	ng	97
38) 1-Methylnaphthalene	13.049	142	117146	44.230	ng	99
40) 1,2,4,5-Tetrachloroben...	13.190	216	88035	45.210	ng	99
41) Hexachlorocyclopentadiene	13.166	237	81429	86.447	ng	99
43) 2,4,6-Trichlorophenol	13.425	196	57066	48.103	ng	95

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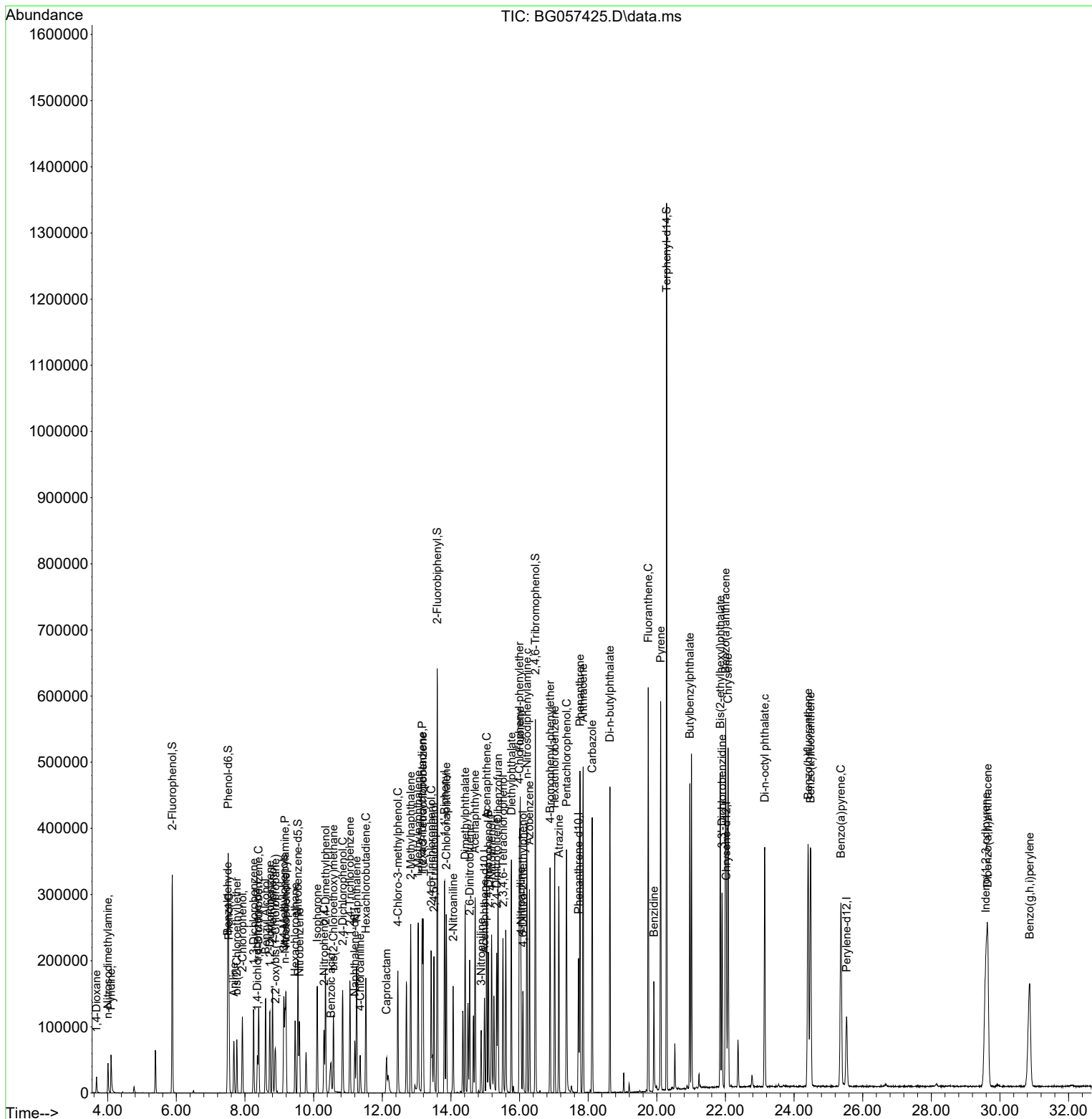
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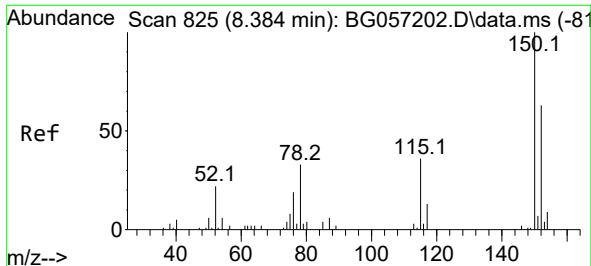
Quant Time: May 13 05:02:29 2023
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 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	63301	45.362	ng	98
46) 1,1'-Biphenyl	13.818	154	180759	44.411	ng	98
47) 2-Chloronaphthalene	13.865	162	138275	45.686	ng	98
48) 2-Nitroaniline	14.065	65	45182	43.904	ng	94
49) Acenaphthylene	14.705	152	217494	44.231	ng	100
50) Dimethylphthalate	14.417	163	194419	43.133	ng	98
51) 2,6-Dinitrotoluene	14.547	165	43508	47.276	ng	93
52) Acenaphthene	15.046	154	135771	44.187	ng	99
53) 3-Nitroaniline	14.881	138	23789	25.802	ng	97
54) 2,4-Dinitrophenol	15.093	184	55292	95.970	ng	98
55) Dibenzofuran	15.375	168	228597	44.279	ng	99
56) 4-Nitrophenol	15.187	139	60571	98.779	ng	93
57) 2,4-Dinitrotoluene	15.334	165	62126	47.235	ng	95
58) Fluorene	16.021	166	191098	44.939	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.522	232	58403	46.162	ng	93
60) Diethylphthalate	15.763	149	198487	43.362	ng	98
61) 4-Chlorophenyl-phenyle...	15.998	204	114305	44.620	ng	98
62) 4-Nitroaniline	16.045	138	41688	44.821	ng	97
63) Azobenzene	16.291	77	180968	40.975	ng	96
65) 4,6-Dinitro-2-methylph...	16.097	198	43084	51.726	ng	98
66) n-Nitrosodiphenylamine	16.215	169	168574	44.490	ng	98
67) 4-Bromophenyl-phenylether	16.891	248	76578	44.965	ng	97
68) Hexachlorobenzene	17.026	284	81985	49.538	ng	98
69) Atrazine	17.149	200	71069	49.169	ng	95
70) Pentachlorophenol	17.372	266	85173	89.299	ng	98
71) Phenanthrene	17.760	178	325132	45.481	ng	99
72) Anthracene	17.854	178	326771	44.549	ng	98
73) Carbazole	18.118	167	285332	46.206	ng	96
74) Di-n-butylphthalate	18.635	149	322413	45.379	ng	99
75) Fluoranthene	19.751	202	401373	45.143	ng	100
77) Benzidine	19.916	184	120617	43.447	ng	96
78) Pyrene	20.116	202	408152	45.232	ng	99
80) Butylbenzylphthalate	20.961	149	141401	49.387	ng	96
81) Benzo(a)anthracene	22.007	228	406469	45.943	ng	99
82) 3,3'-Dichlorobenzidine	21.901	252	119709	42.243	ng	97
83) Chrysene	22.078	228	370608	44.521	ng	100
84) Bis(2-ethylhexyl)phtha...	21.849	149	201473	47.560	ng	99
85) Di-n-octyl phthalate	23.147	149	339770	48.111	ng	97
87) Indeno(1,2,3-cd)pyrene	29.585	276	457746	46.502	ng	# 96
88) Benzo(b)fluoranthene	24.410	252	421937	47.790	ng	98
89) Benzo(k)fluoranthene	24.480	252	408124	45.490	ng	99
90) Benzo(a)pyrene	25.367	252	365111	42.329	ng	95
91) Dibenzo(a,h)anthracene	29.644	278	383326	46.761	ng	97
92) Benzo(g,h,i)perylene	30.866	276	369952	46.219	ng	98

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

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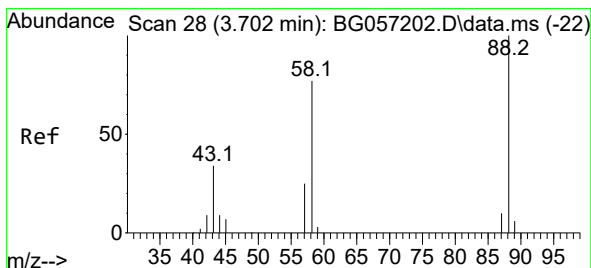
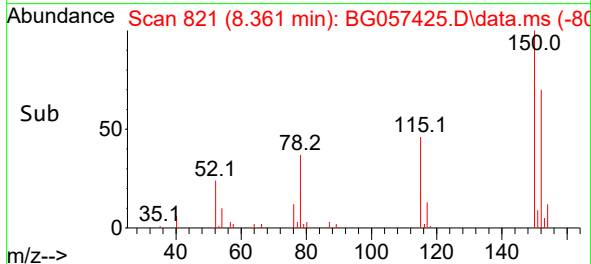
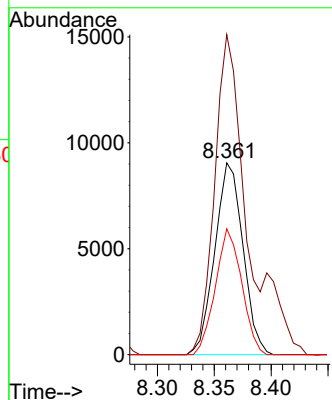
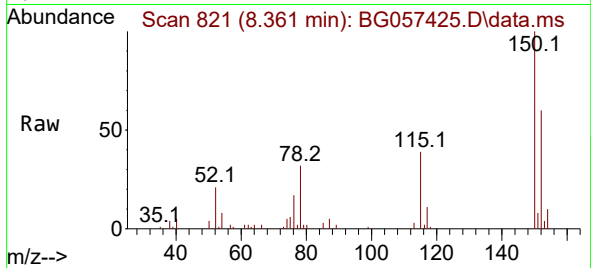




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057425.D
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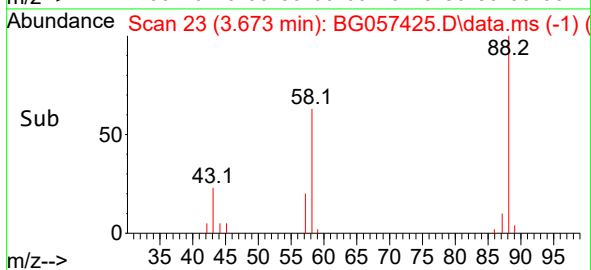
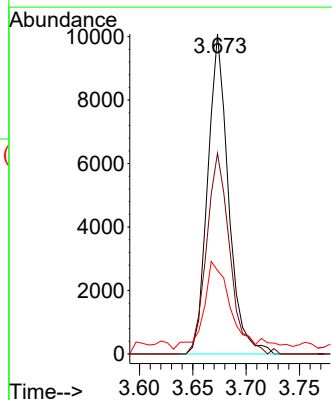
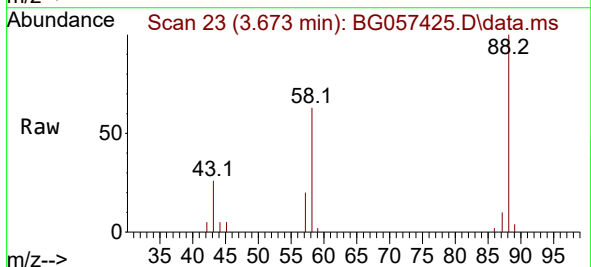
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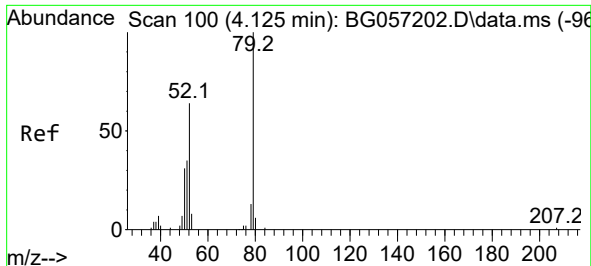
Tgt Ion:152 Resp: 15592
Ion Ratio Lower Upper
152 100
150 166.8 126.2 189.4
115 65.7 45.0 67.4



#2
1,4-Dioxane
Concen: 36.190 ng
RT: 3.673 min Scan# 23
Delta R.T. -0.008 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion: 88 Resp: 13639
Ion Ratio Lower Upper
88 100
58 70.6 57.1 85.7
43 34.1 24.4 36.6

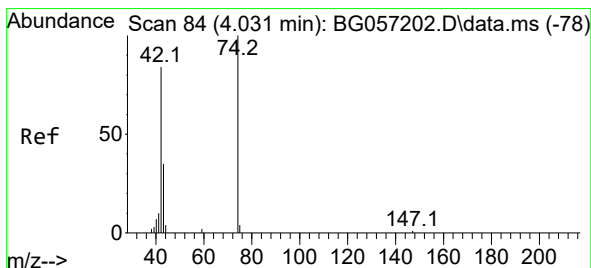
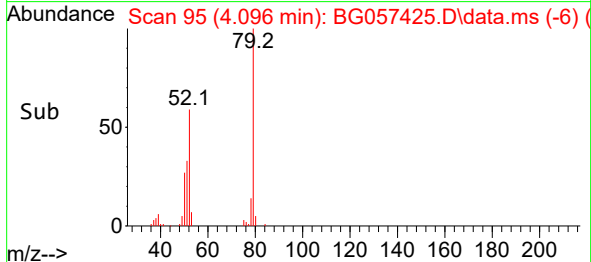
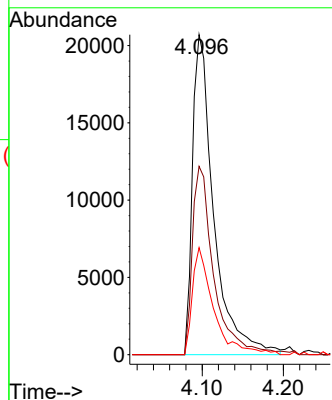
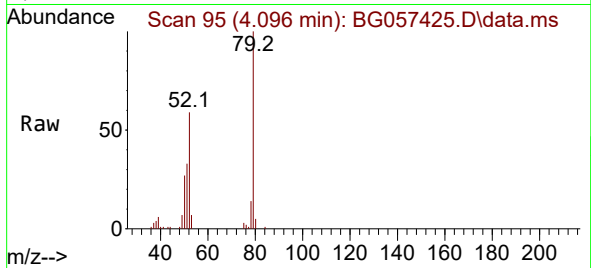




#3
 Pyridine
 Concen: 31.130 ng
 RT: 4.096 min Scan# 91
 Delta R.T. -0.008 min
 Lab File: BG057425.D
 Acq: 13 May 2023 3:19

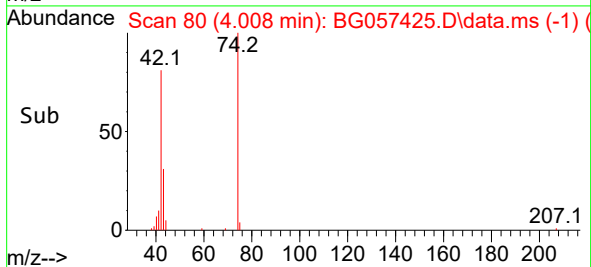
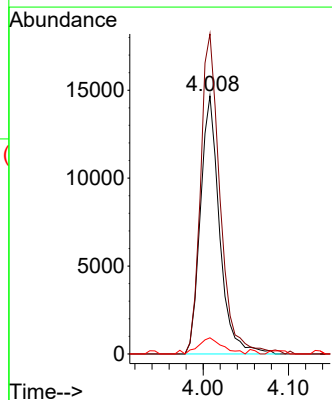
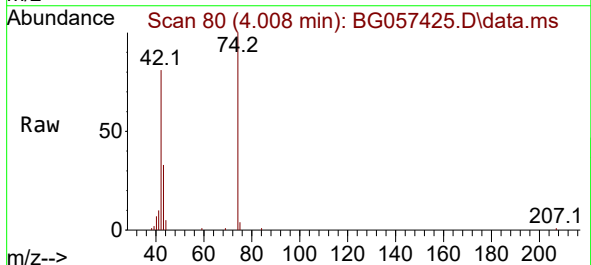
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 ClientSampleId :
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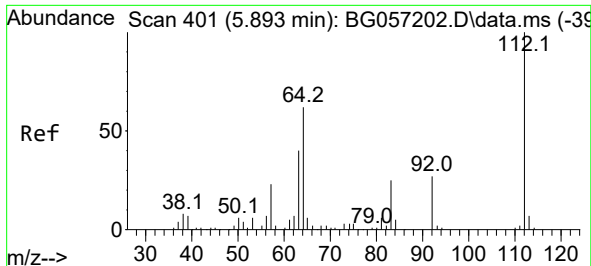
Tgt Ion: 79 Resp: 37703
 Ion Ratio Lower Upper
 79 100
 52 58.9 51.4 77.0
 51 33.5 28.0 42.0



#4
 n-Nitrosodimethylamine
 Concen: 40.106 ng
 RT: 4.008 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG057425.D
 Acq: 13 May 2023 3:19

Tgt Ion: 42 Resp: 22827
 Ion Ratio Lower Upper
 42 100
 74 124.0 95.1 142.7
 44 6.2 5.8 8.8

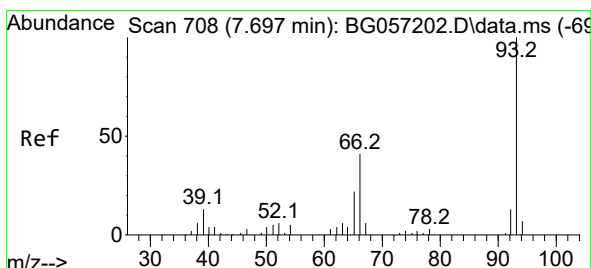
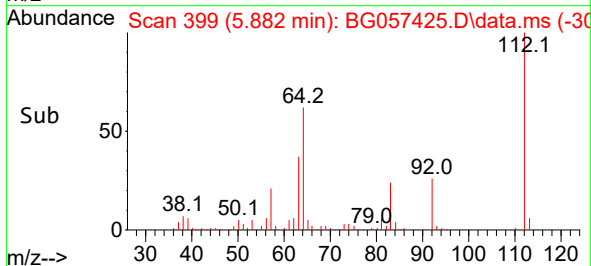
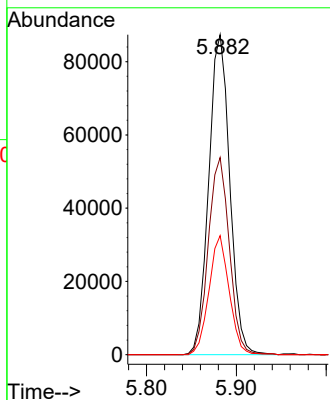
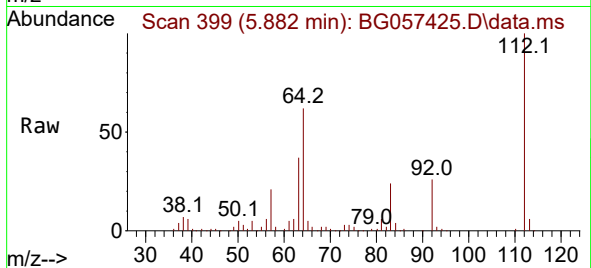




#5
2-Fluorophenol
Concen: 155.819 ng
RT: 5.882 min Scan# 399
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

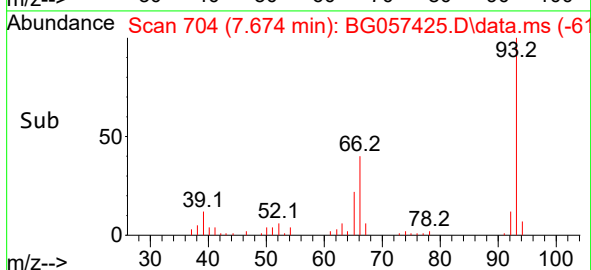
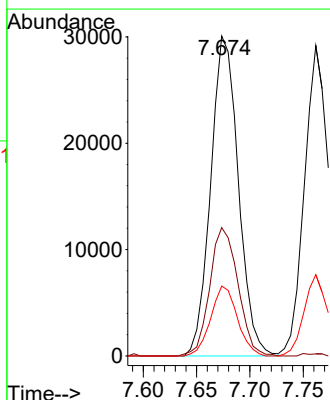
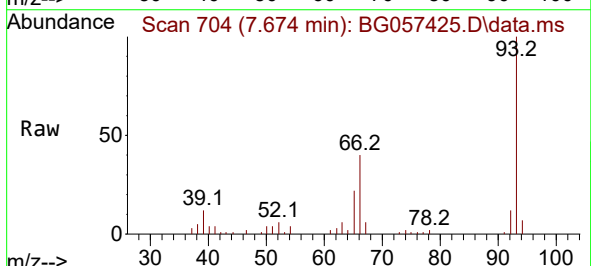
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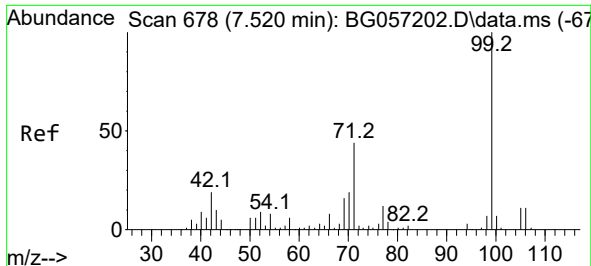
Tgt Ion:112 Resp: 142027
Ion Ratio Lower Upper
112 100
64 61.6 49.4 74.2
63 37.2 31.6 47.4



#6
Aniline
Concen: 30.945 ng
RT: 7.674 min Scan# 704
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion: 93 Resp: 54336
Ion Ratio Lower Upper
93 100
66 40.1 33.0 49.6
65 21.9 18.0 27.0

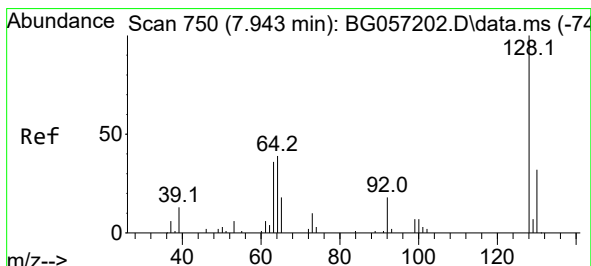
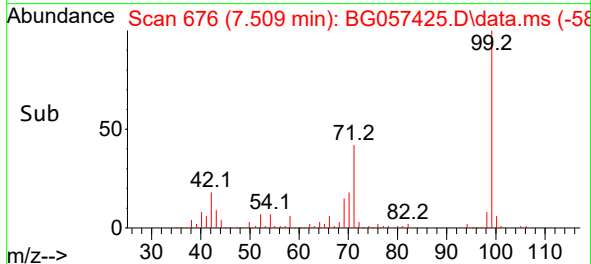
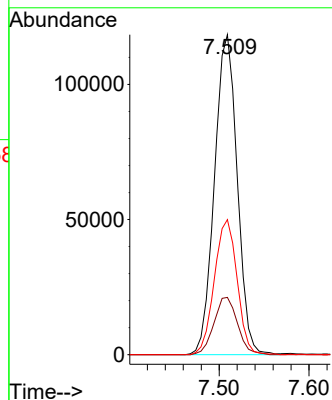
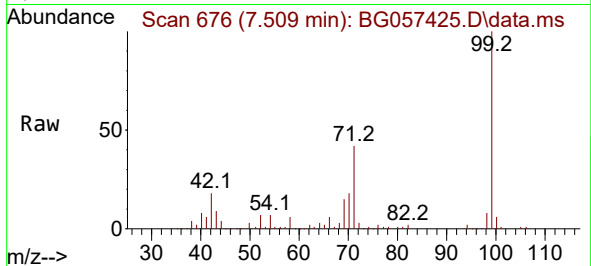




#7
Phenol-d6
Concen: 150.340 ng
RT: 7.509 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

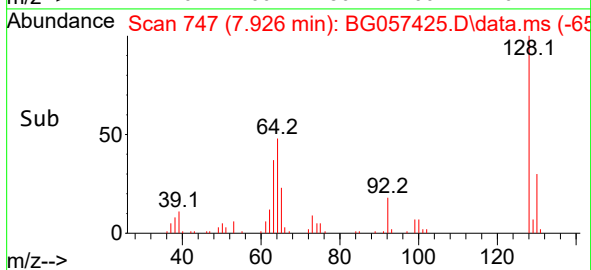
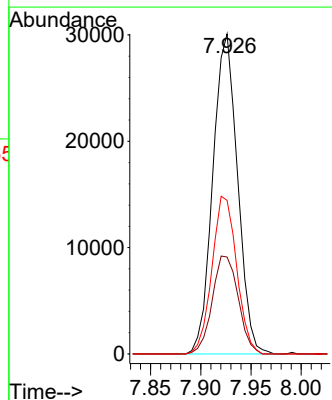
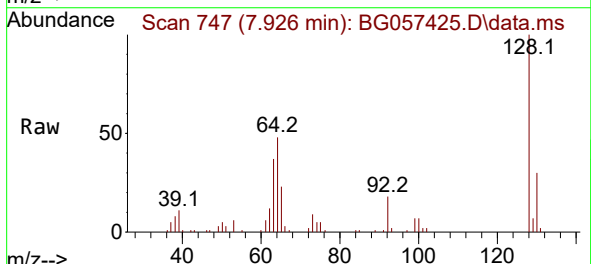
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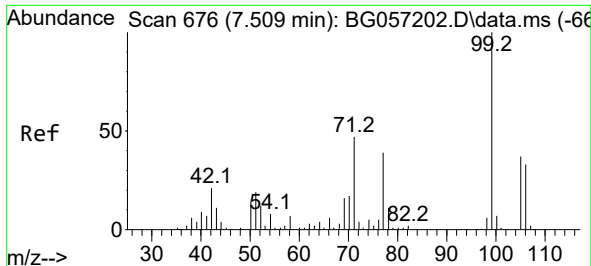
Tgt Ion: 99 Resp: 208090
Ion Ratio Lower Upper
99 100
42 17.9 15.1 22.7
71 42.2 35.2 52.8



#8
2-Chlorophenol
Concen: 53.406 ng
RT: 7.926 min Scan# 747
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion: 128 Resp: 51438
Ion Ratio Lower Upper
128 100
130 30.3 12.2 52.2
64 48.0 28.4 68.4

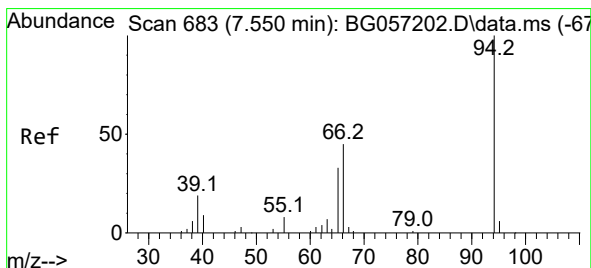
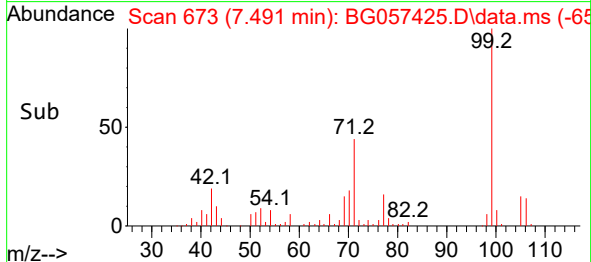
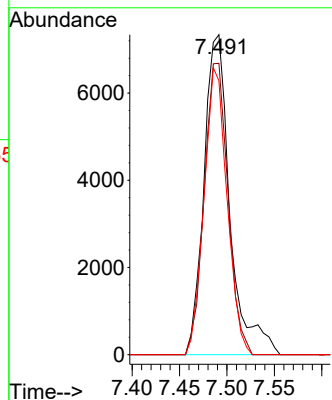
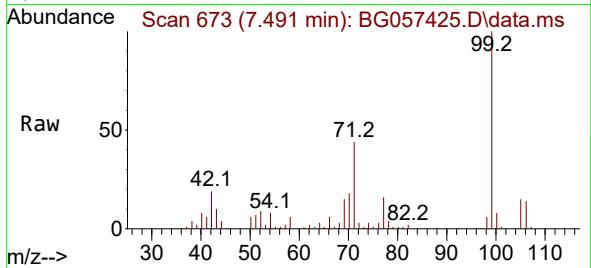




#9
Benzaldehyde
Concen: 14.564 ng
RT: 7.491 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057425.D
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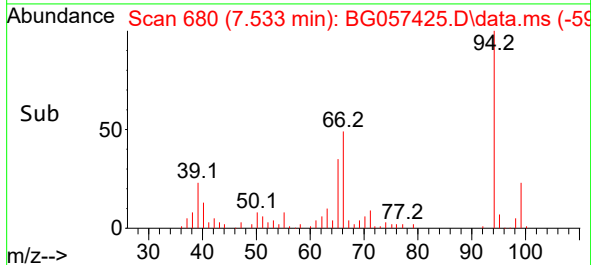
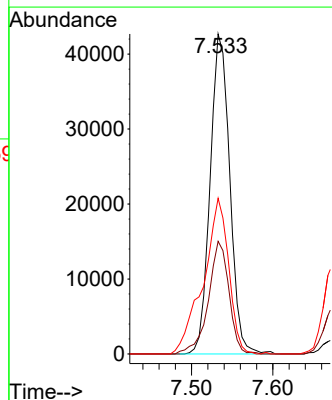
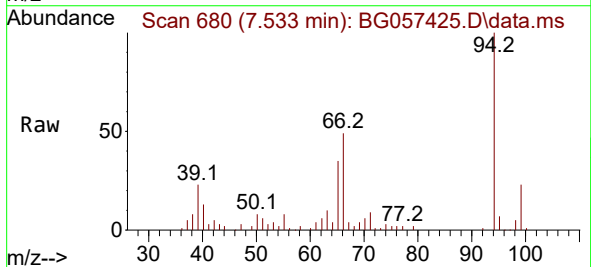
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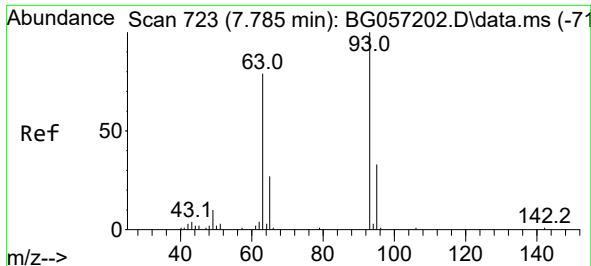
Tgt Ion: 77 Resp: 13949
Ion Ratio Lower Upper
77 100
105 91.0 74.6 114.6
106 85.6 66.3 106.3



#10
Phenol
Concen: 52.997 ng
RT: 7.533 min Scan# 680
Delta R.T. -0.003 min
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Tgt Ion: 94 Resp: 71507
Ion Ratio Lower Upper
94 100
65 35.2 13.5 53.5
66 48.7 26.7 66.7

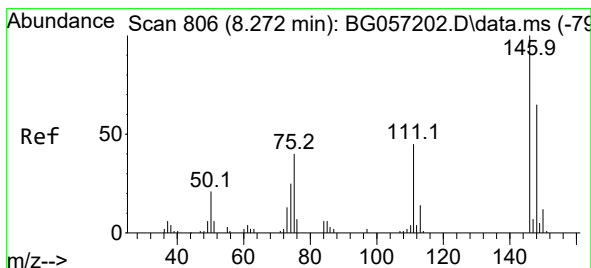
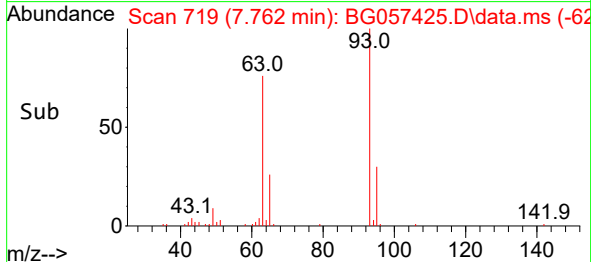
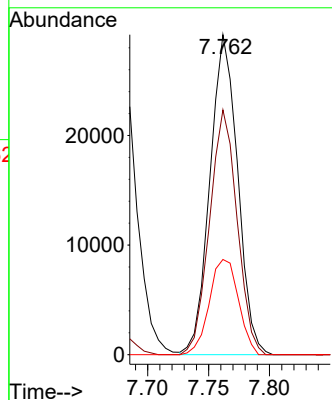
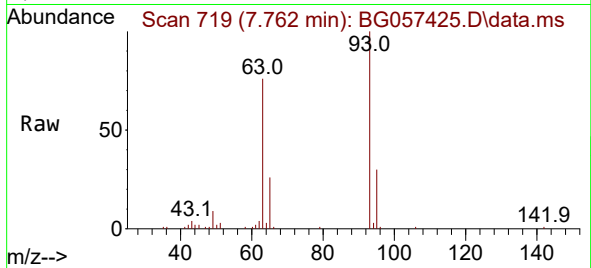




#11
bis(2-Chloroethyl)ether
Concen: 45.355 ng
RT: 7.762 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

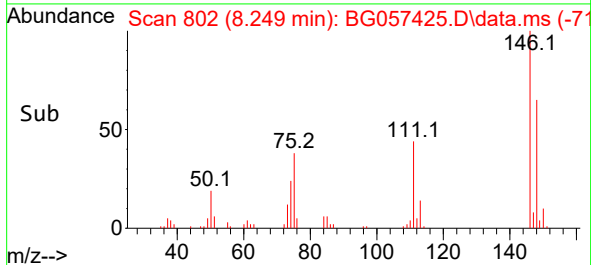
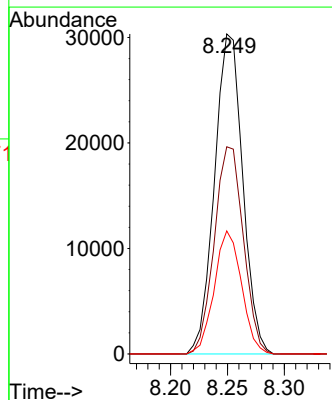
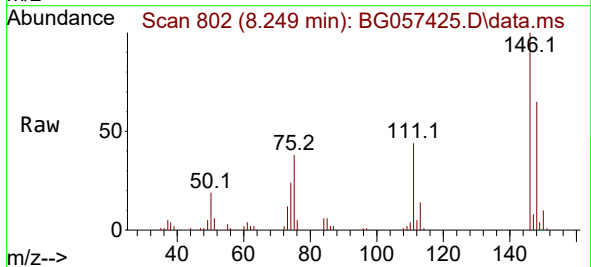
Instrument :
BNA_G
ClientSampleId :
PB152709BS

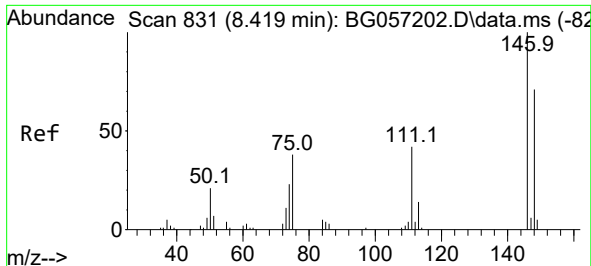
Tgt Ion: 93 Resp: 46146
Ion Ratio Lower Upper
93 100
63 76.5 58.6 98.6
95 29.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 49.224 ng
RT: 8.249 min Scan# 802
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion: 146 Resp: 52326
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.2
75 38.5 31.7 47.5

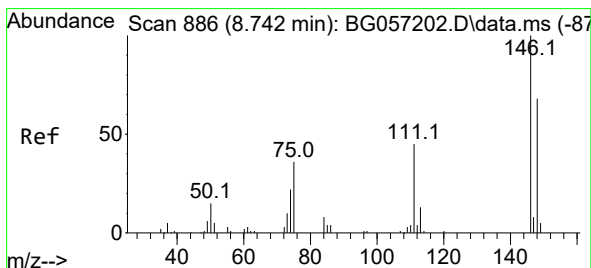
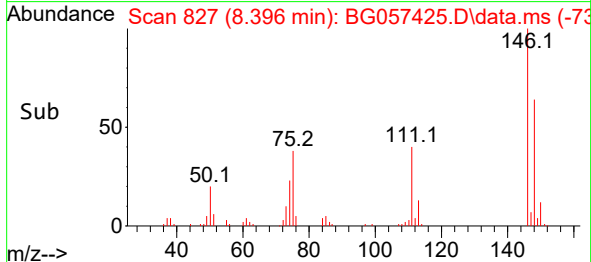
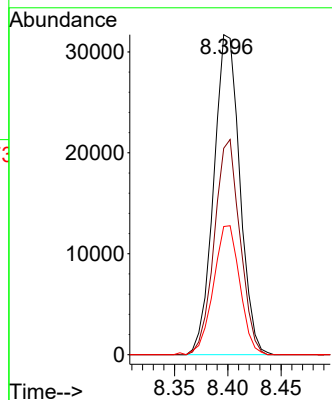
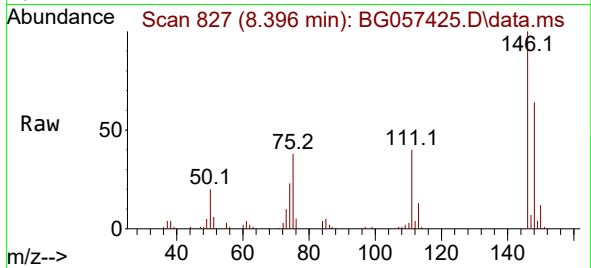




#13
1,4-Dichlorobenzene
Concen: 50.416 ng
RT: 8.396 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

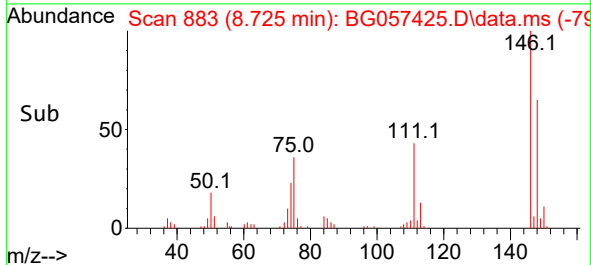
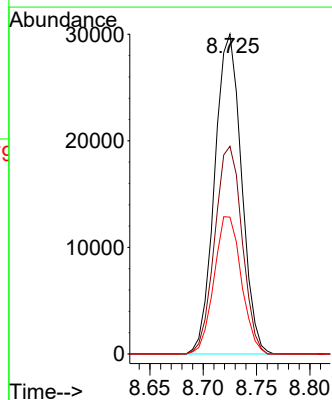
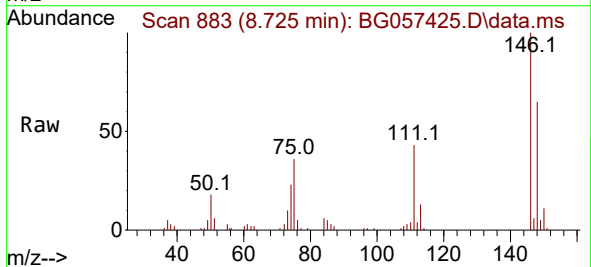
Instrument :
BNA_G
ClientSampleId :
PB152709BS

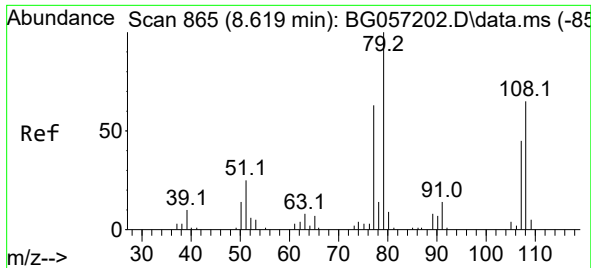
Tgt Ion:146 Resp: 53833
Ion Ratio Lower Upper
146 100
148 64.5 56.4 84.6
111 40.1 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 50.863 ng
RT: 8.725 min Scan# 883
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:146 Resp: 52429
Ion Ratio Lower Upper
146 100
148 64.9 54.6 82.0
111 42.8 37.2 55.8

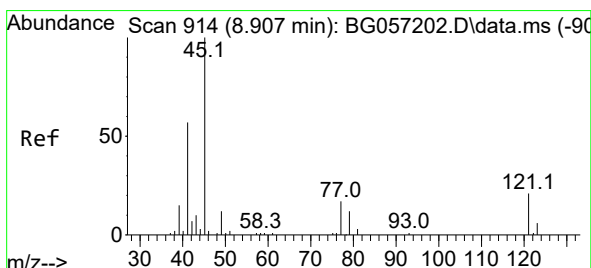
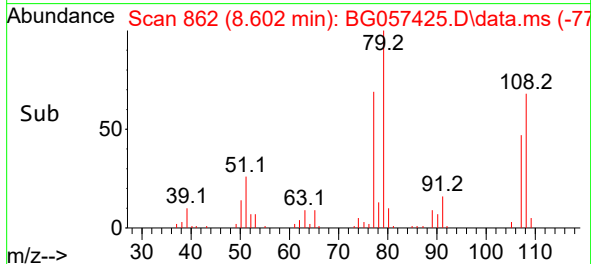
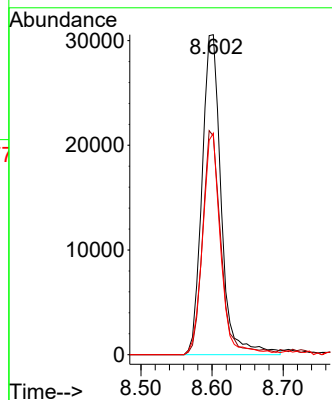
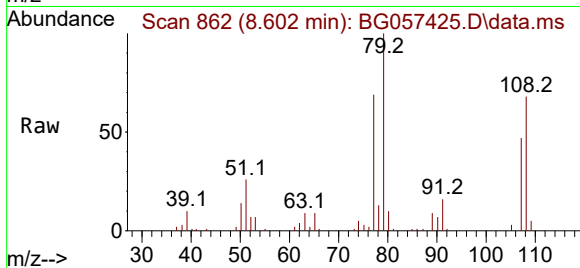




#15
Benzyl Alcohol
Concen: 49.801 ng
RT: 8.602 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

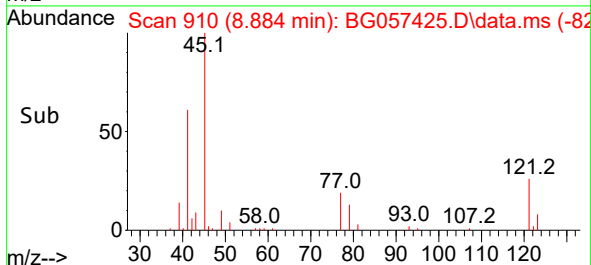
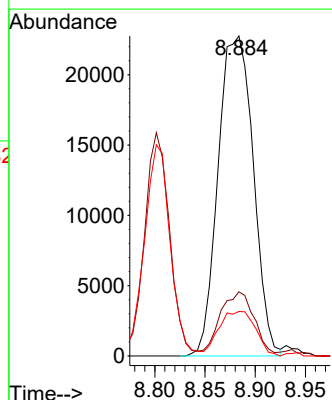
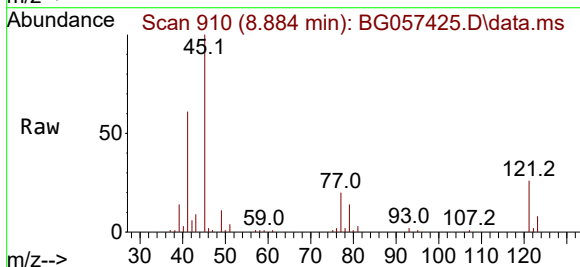
Instrument :
BNA_G
ClientSampleId :
PB152709BS

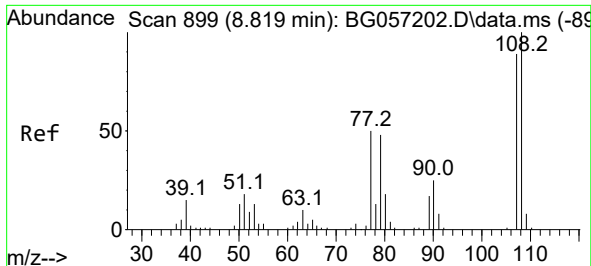
Tgt Ion: 79	Resp: 57425
Ion Ratio	Lower Upper
79	100
108	68.4 52.2 78.2
77	69.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.249 ng
RT: 8.884 min Scan# 910
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion: 45	Resp: 55462
Ion Ratio	Lower Upper
45	100
77	20.1 0.0 38.5
79	13.9 0.0 33.8

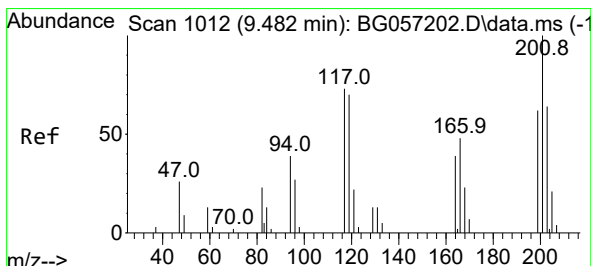
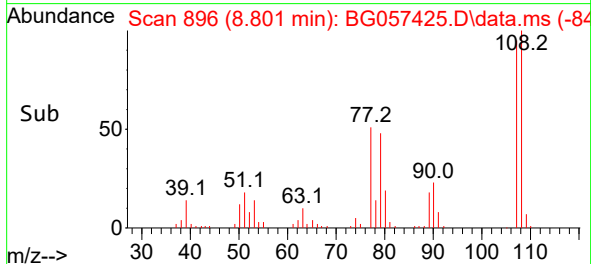
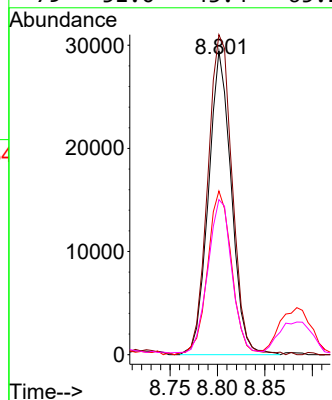
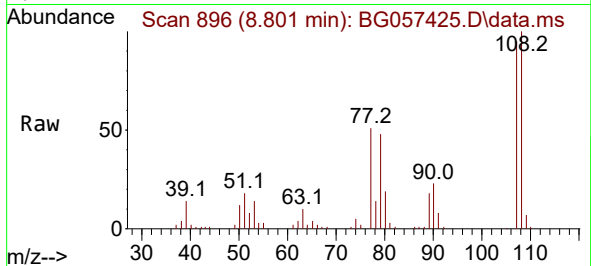




#17
2-Methylphenol
Concen: 50.821 ng
RT: 8.801 min Scan# 899
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

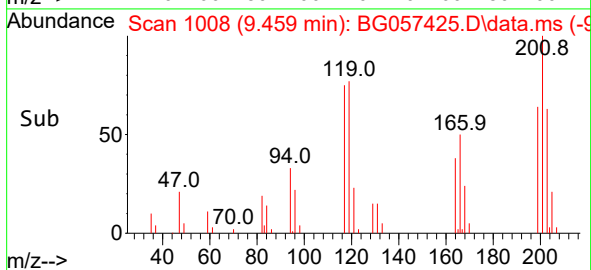
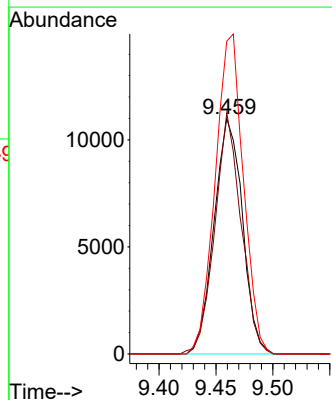
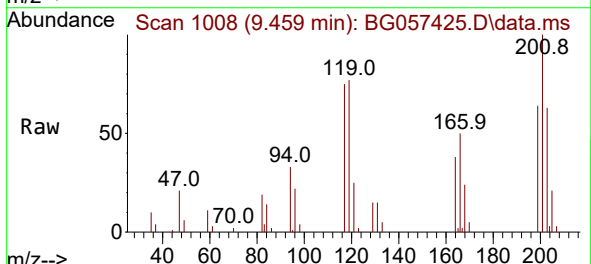
Instrument :
BNA_G
ClientSampleId :
PB152709BS

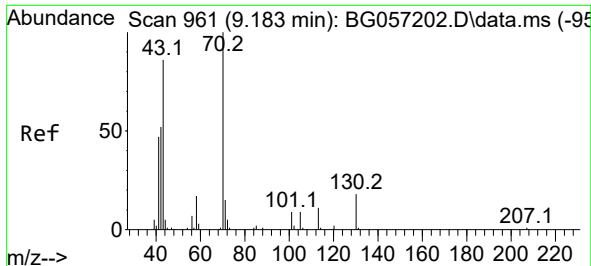
Tgt Ion:	107	Resp:	49430
Ion	Ratio	Lower	Upper
107	100		
108	105.4	89.5	134.3
77	53.9	45.1	67.7
79	51.0	43.4	65.2



#18
Hexachloroethane
Concen: 49.518 ng
RT: 9.459 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:	117	Resp:	19081
Ion	Ratio	Lower	Upper
117	100		
119	102.4	76.7	115.1
201	132.9	109.0	163.4

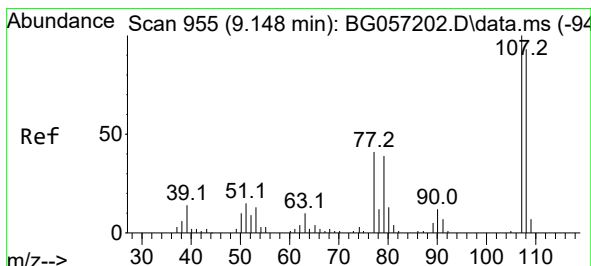
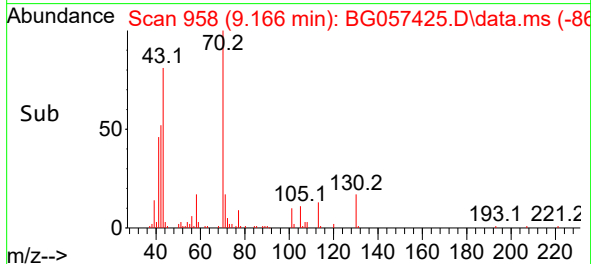
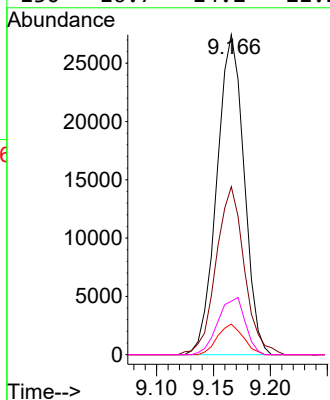
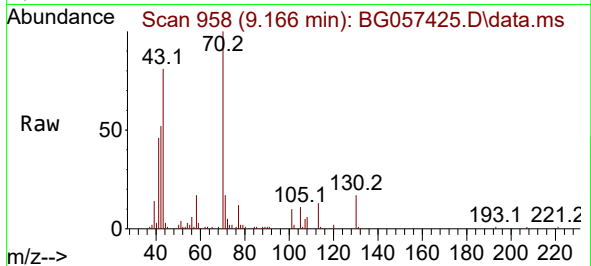




#19
n-Nitroso-di-n-propylamine
Concen: 43.267 ng
RT: 9.166 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

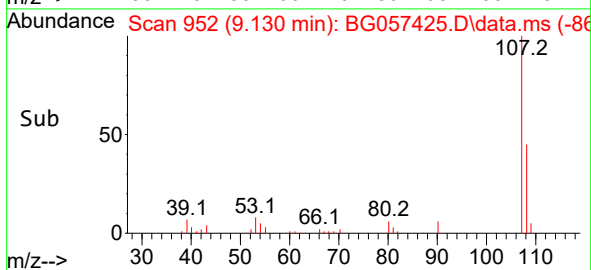
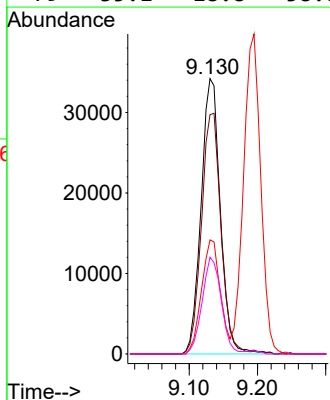
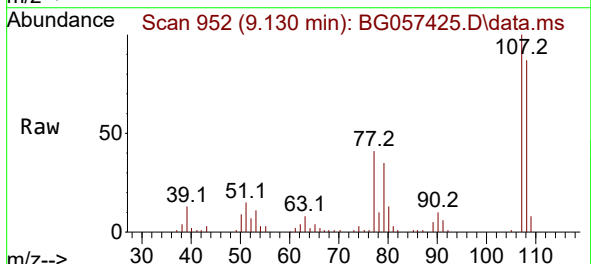
Instrument :
BNA_G
ClientSampleId :
PB152709BS

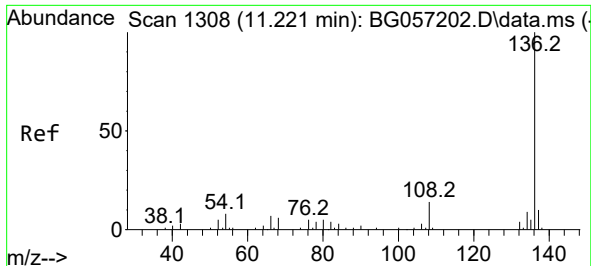
Tgt Ion: 70 Resp: 45665
Ion Ratio Lower Upper
70 100
42 52.5 41.8 62.8
101 9.6 6.8 10.2
130 16.7 14.2 21.2



#20
3+4-Methylphenols
Concen: 50.355 ng
RT: 9.130 min Scan# 952
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion: 107 Resp: 67063
Ion Ratio Lower Upper
107 100
108 86.9 73.5 113.5
77 41.4 21.1 61.1
79 35.1 18.8 58.8

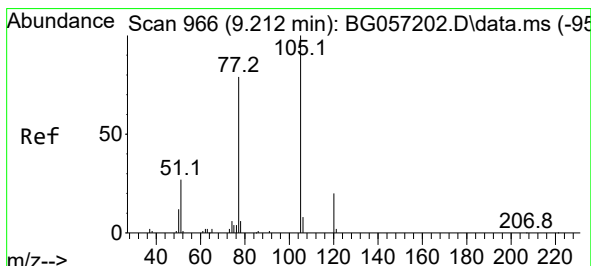
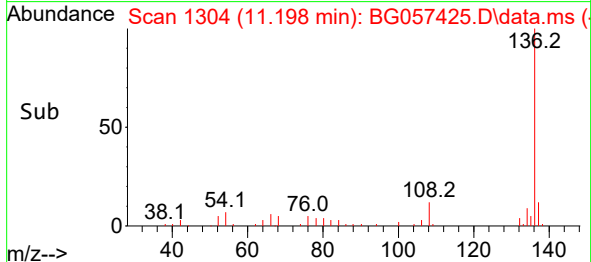
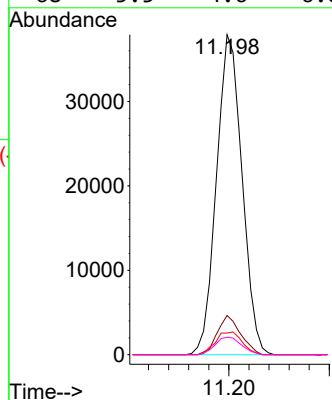
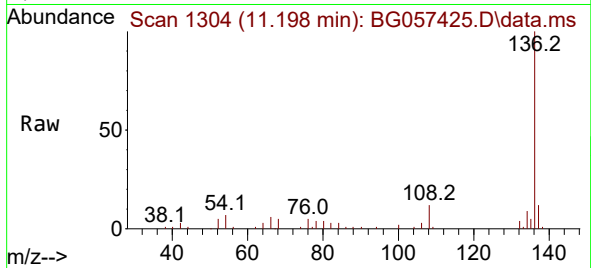




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

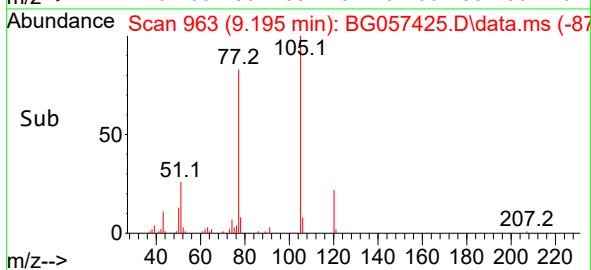
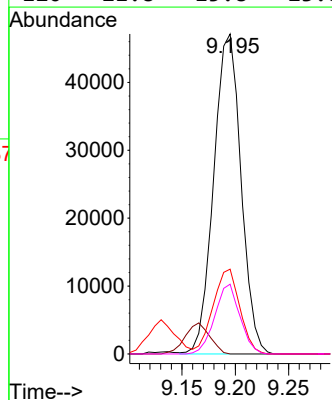
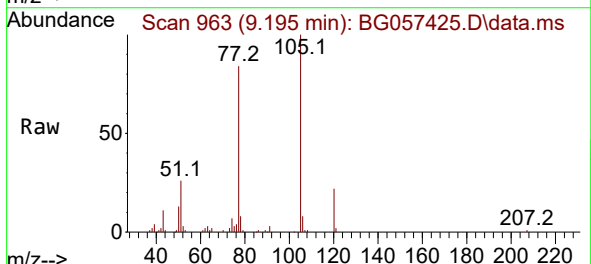
Instrument :
BNA_G
ClientSampleId :
PB152709BS

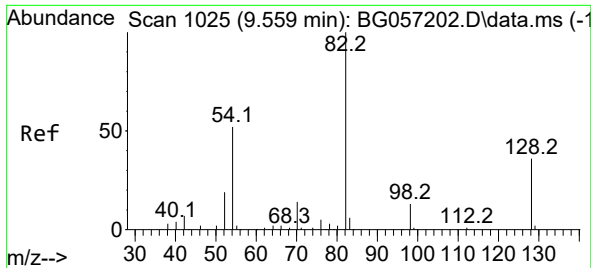
Tgt Ion:	136	Resp:	66851
Ion Ratio	Lower	Upper	
136	100		
137	12.3	8.3	12.5
54	6.8	6.7	10.1
68	5.5	4.6	6.8



#22
Acetophenone
Concen: 43.790 ng
RT: 9.195 min Scan# 963
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:	105	Resp:	83786
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.4	0.6#
51	26.5	24.0	36.0
120	21.8	15.8	23.8

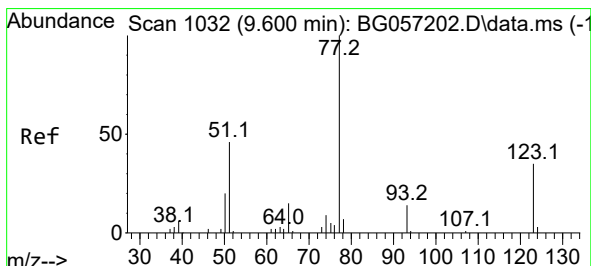
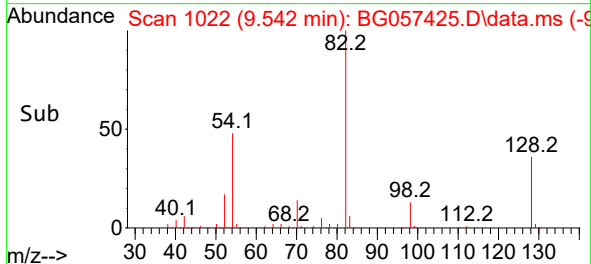
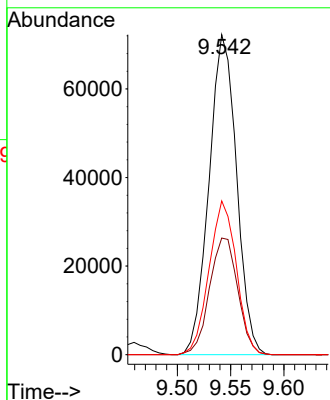
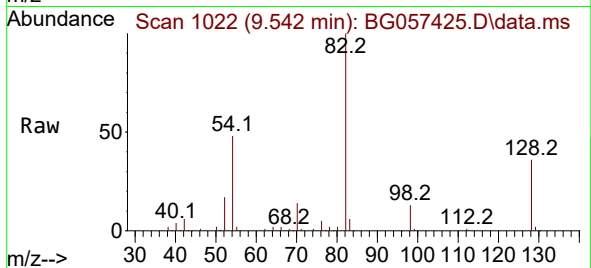




#23
Nitrobenzene-d5
Concen: 81.367 ng
RT: 9.542 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

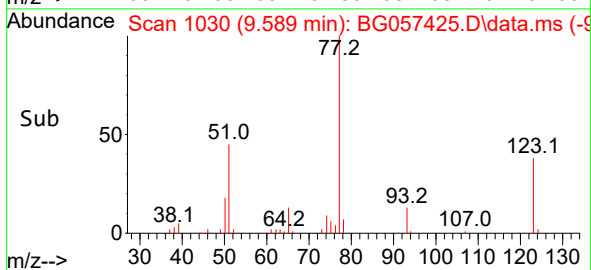
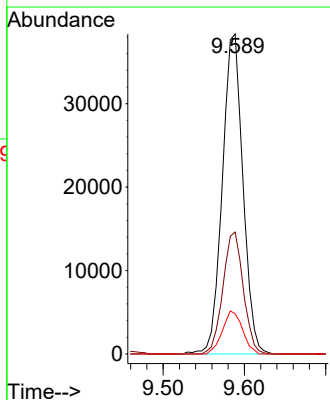
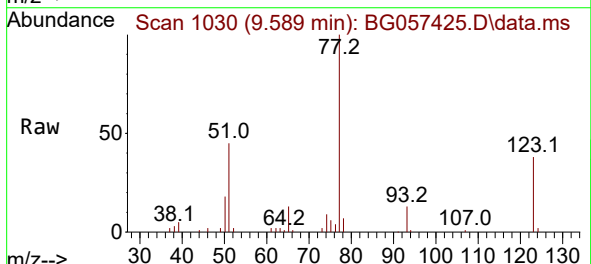
Instrument :
BNA_G
ClientSampleId :
PB152709BS

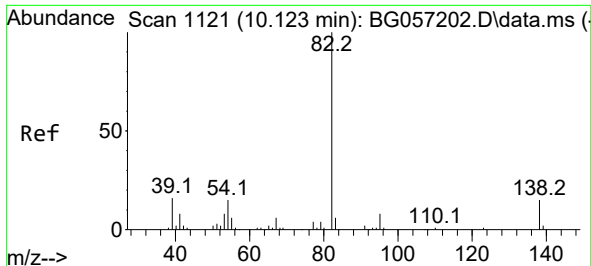
Tgt Ion: 82 Resp: 129601
Ion Ratio Lower Upper
82 100
128 36.5 29.0 43.4
54 48.1 41.4 62.0



#24
Nitrobenzene
Concen: 42.033 ng
RT: 9.589 min Scan# 1030
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion: 77 Resp: 67574
Ion Ratio Lower Upper
77 100
123 38.1 28.2 42.2
65 12.6 11.7 17.5

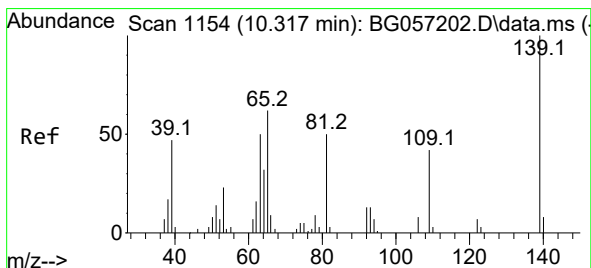
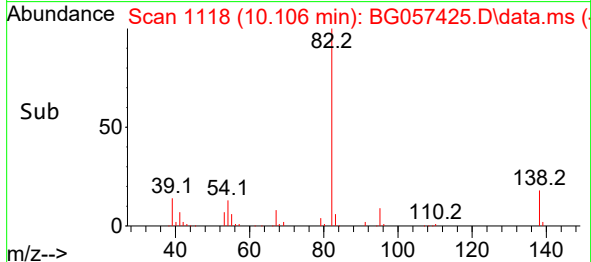
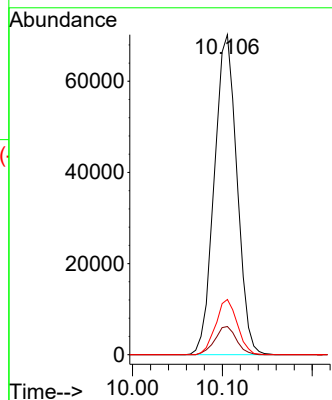
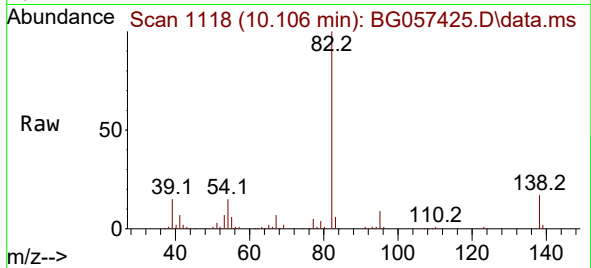




#25
Isophorone
Concen: 39.760 ng
RT: 10.106 min Scan# 1118
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

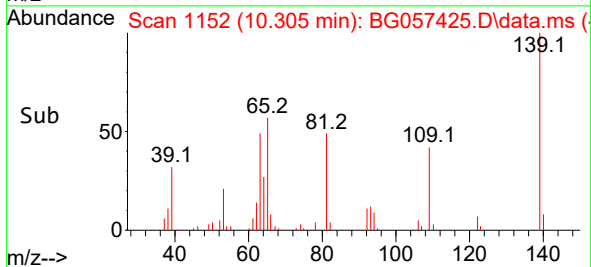
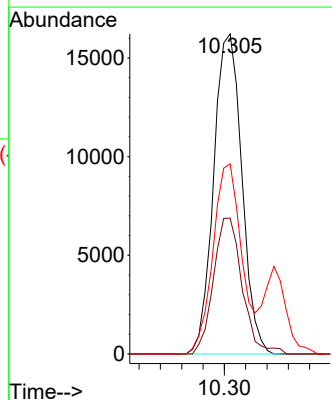
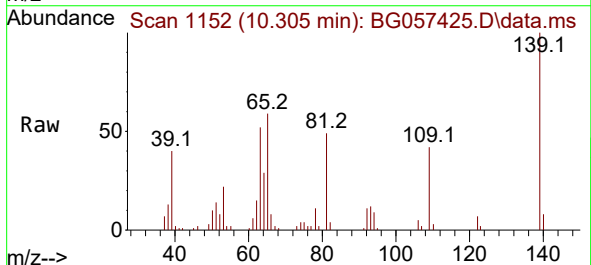
Instrument :
BNA_G
ClientSampleId :
PB152709BS

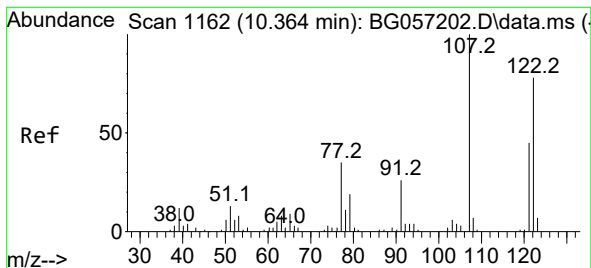
Tgt Ion: 82 Resp: 122804
Ion Ratio Lower Upper
82 100
95 8.8 6.4 9.6
138 17.2 12.3 18.5



#26
2-Nitrophenol
Concen: 48.319 ng
RT: 10.305 min Scan# 1152
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:139 Resp: 29734
Ion Ratio Lower Upper
139 100
109 42.5 33.4 50.2
65 59.4 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 51.444 ng

RT: 10.346 min Scan# 1162

Delta R.T. 0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

Instrument :

BNA_G

ClientSampleId :

PB152709BS

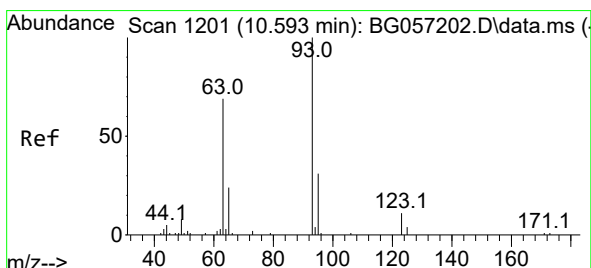
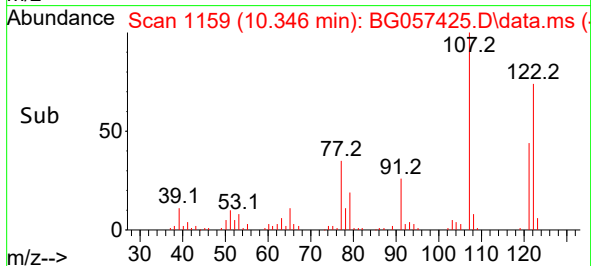
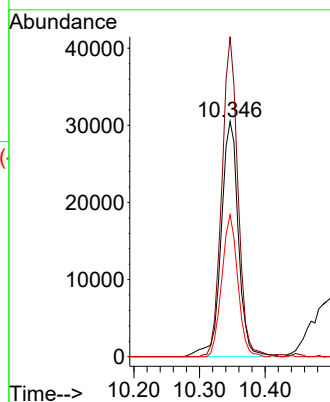
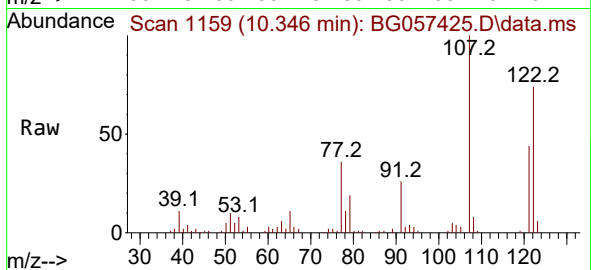
Tgt Ion:122 Resp: 55432

Ion Ratio Lower Upper

122 100

107 136.0 103.0 154.4

121 60.3 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.956 ng

RT: 10.576 min Scan# 1198

Delta R.T. -0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

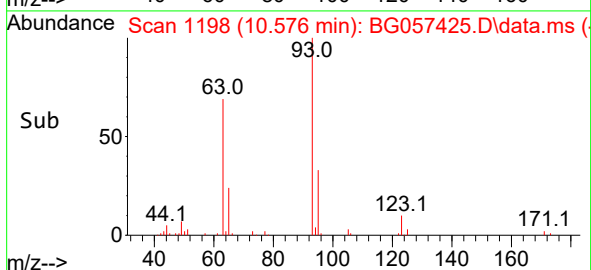
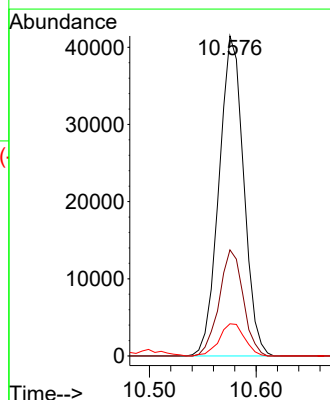
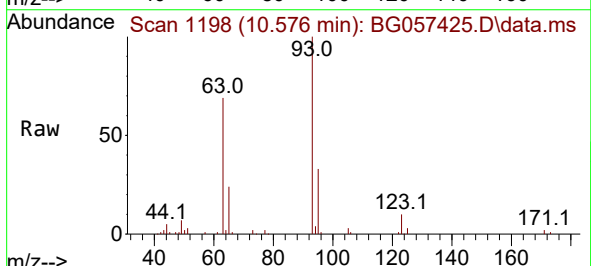
Tgt Ion: 93 Resp: 66466

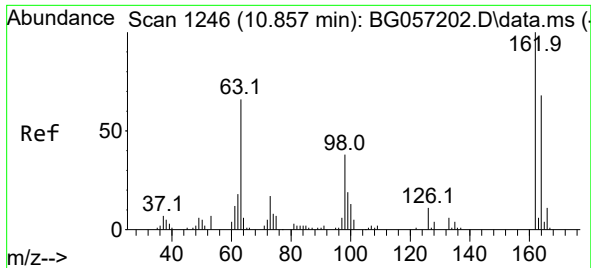
Ion Ratio Lower Upper

93 100

95 33.1 25.0 37.6

123 10.1 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 52.759 ng

RT: 10.846 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

Instrument :

BNA_G

ClientSampleId :

PB152709BS

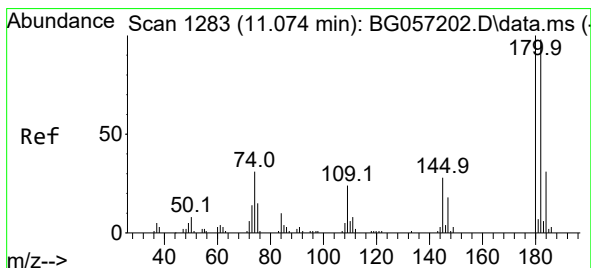
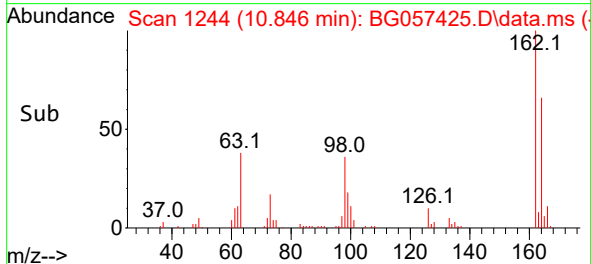
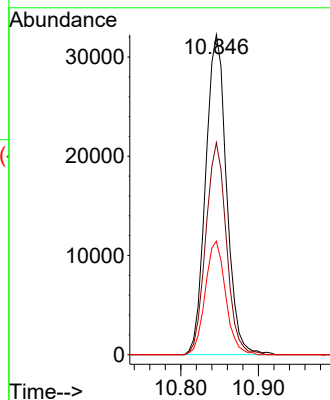
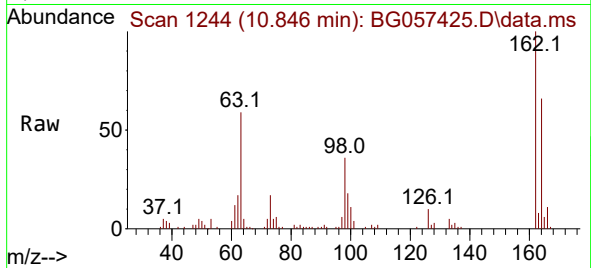
Tgt Ion:162 Resp: 60295

Ion Ratio Lower Upper

162 100

164 66.3 48.4 88.4

98 35.5 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 46.316 ng

RT: 11.057 min Scan# 1280

Delta R.T. -0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

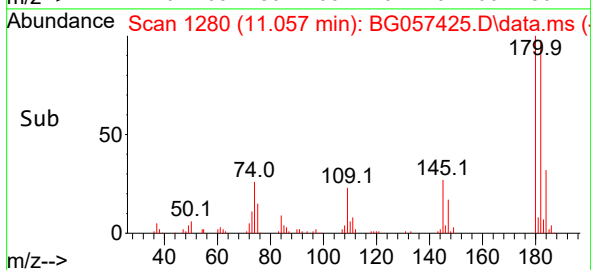
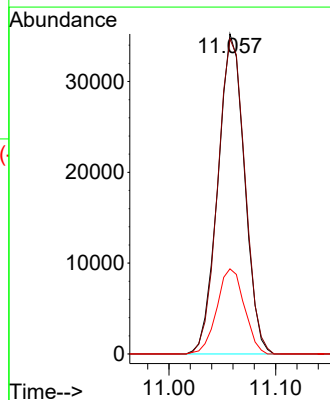
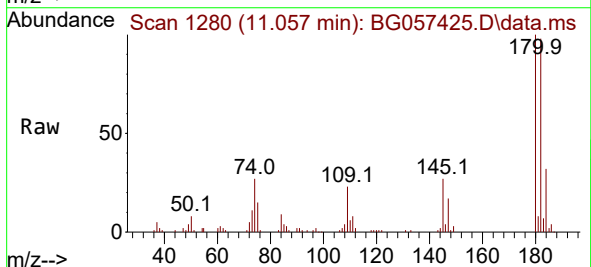
Tgt Ion:180 Resp: 61052

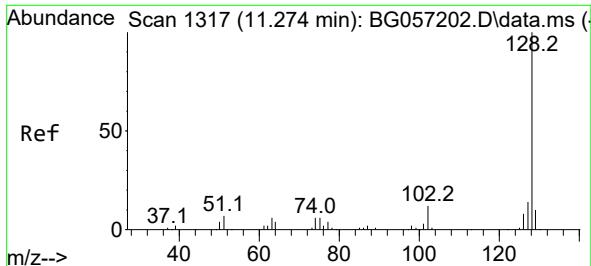
Ion Ratio Lower Upper

180 100

182 98.4 78.0 117.0

145 26.6 22.4 33.6

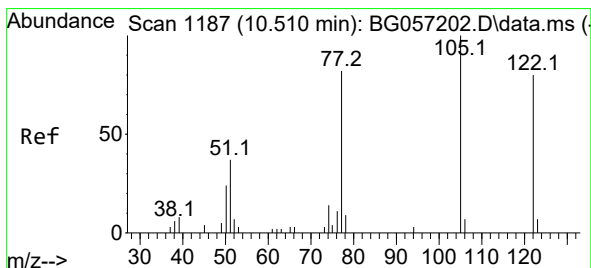
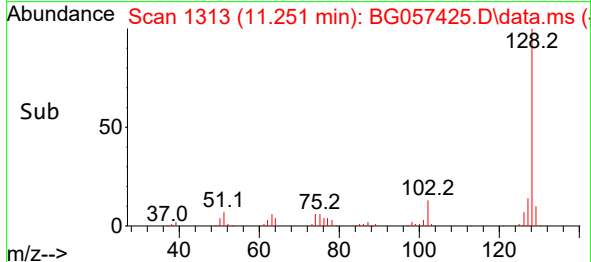
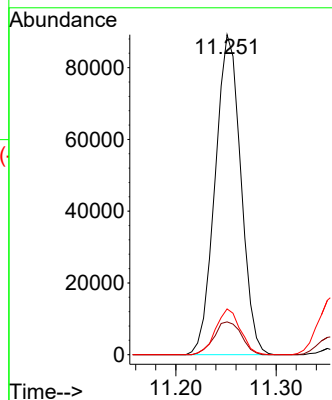
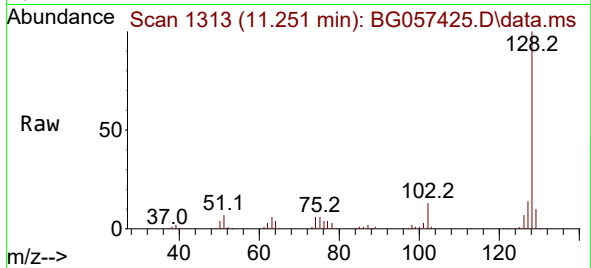




#31
Naphthalene
Concen: 44.383 ng
RT: 11.251 min Scan# 1186
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

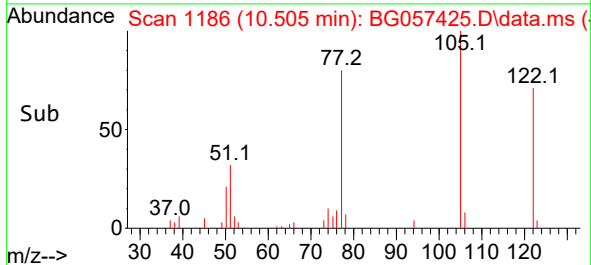
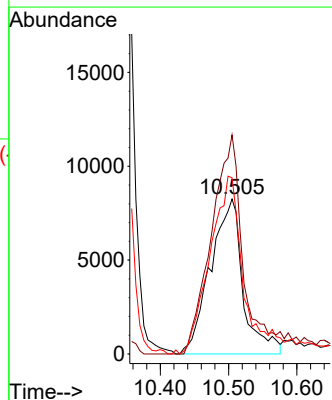
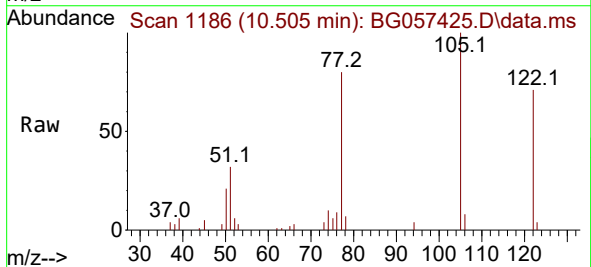
Instrument :
BNA_G
ClientSampleId :
PB152709BS

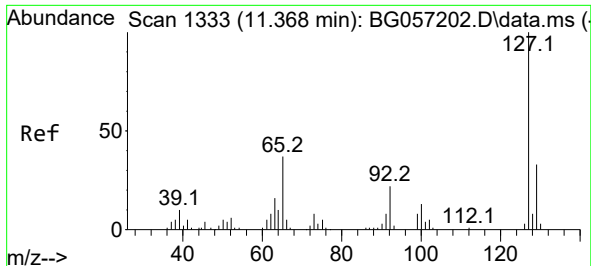
Tgt Ion:128 Resp: 158621
Ion Ratio Lower Upper
128 100
129 10.2 8.3 12.5
127 14.3 11.1 16.7



#32
Benzoic acid
Concen: 44.471 ng
RT: 10.505 min Scan# 1186
Delta R.T. 0.015 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:122 Resp: 27393
Ion Ratio Lower Upper
122 100
105 141.5 105.2 145.2
77 113.8 83.1 123.1

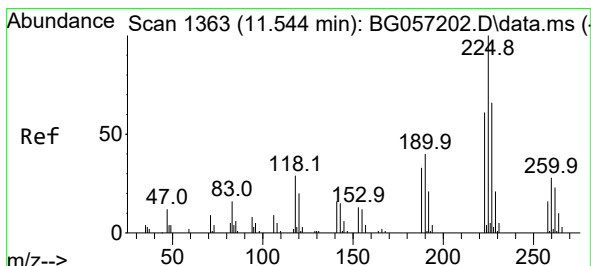
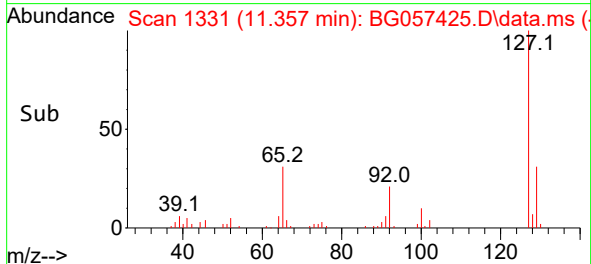
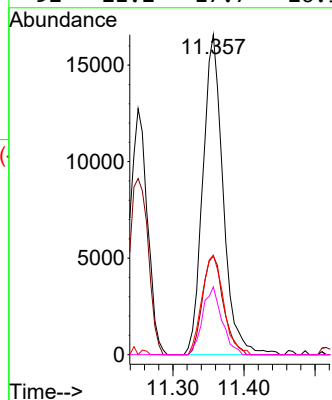
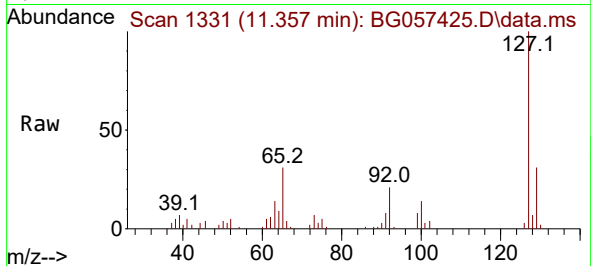




#33
4-Chloroaniline
Concen: 20.554 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

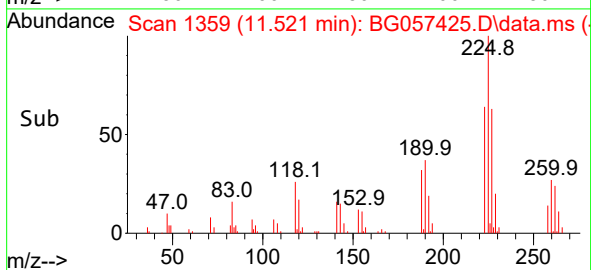
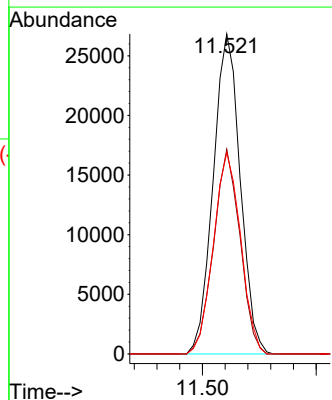
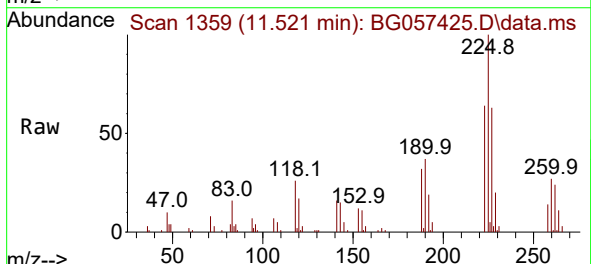
Instrument :
BNA_G
ClientSampleId :
PB152709BS

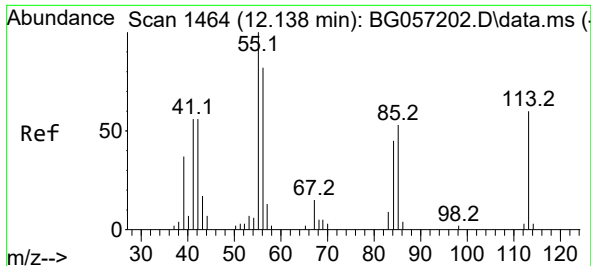
Tgt Ion:	127	Resp:	32989
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.7	40.1
65	31.1	29.7	44.5
92	21.2	17.7	26.5



#34
Hexachlorobutadiene
Concen: 45.290 ng
RT: 11.521 min Scan# 1359
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:	225	Resp:	44298
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.6	72.8
227	62.9	52.7	79.1

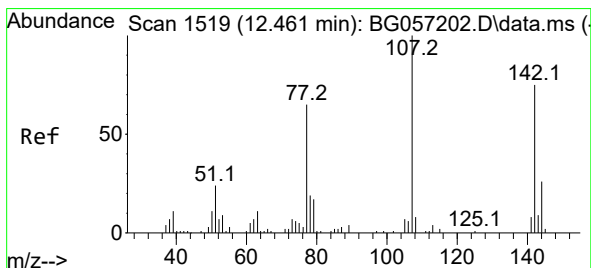
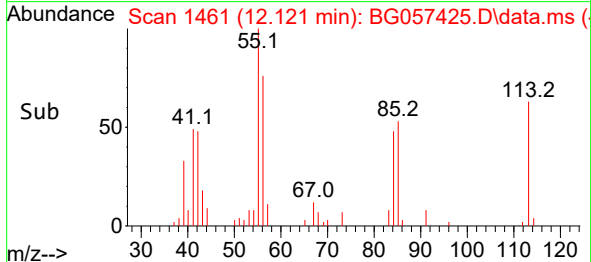
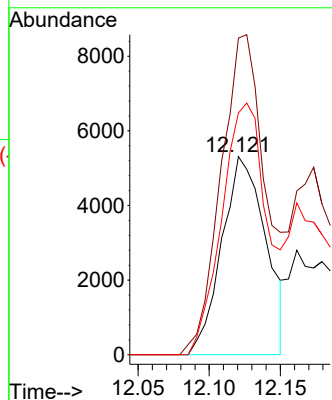
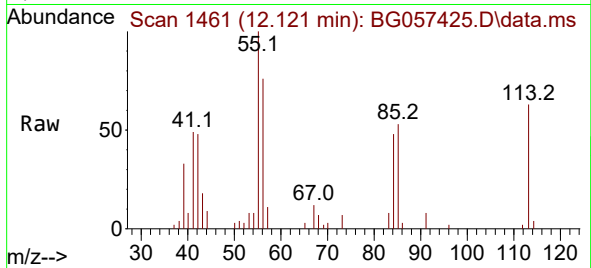




#35
 Caprolactam
 Concen: 29.230 ng
 RT: 12.121 min Scan# 1461
 Delta R.T. -0.008 min
 Lab File: BG057425.D
 Acq: 13 May 2023 3:19

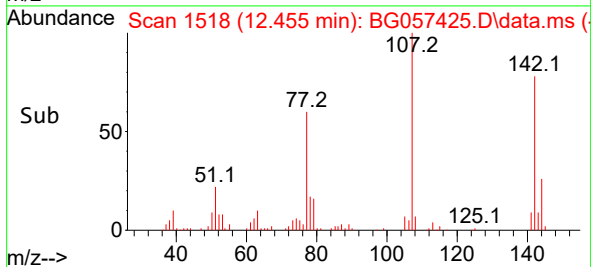
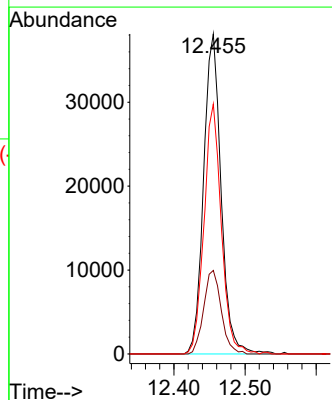
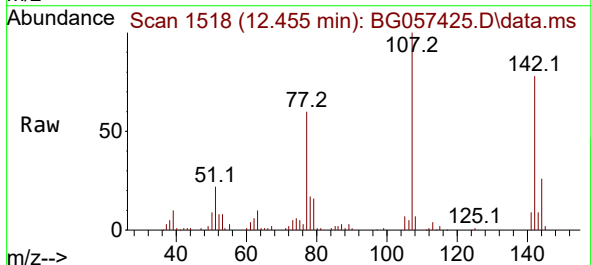
Instrument :
 BNA_G
 ClientSampleId :
 PB152709BS

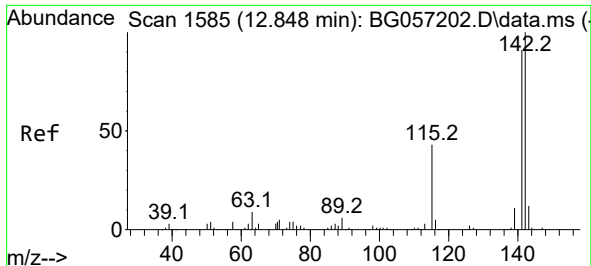
Tgt Ion:113 Resp: 11411
 Ion Ratio Lower Upper
 113 100
 55 159.8 145.5 185.5
 56 122.1 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 50.280 ng
 RT: 12.455 min Scan# 1518
 Delta R.T. 0.003 min
 Lab File: BG057425.D
 Acq: 13 May 2023 3:19

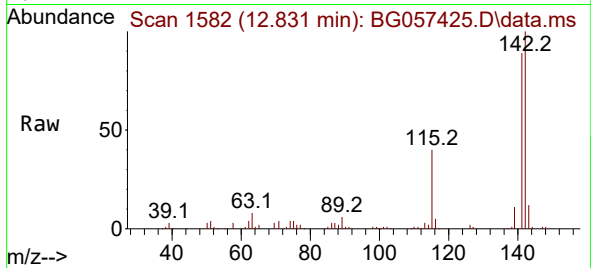
Tgt Ion:107 Resp: 65301
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.0 31.6
 142 78.1 60.0 90.0



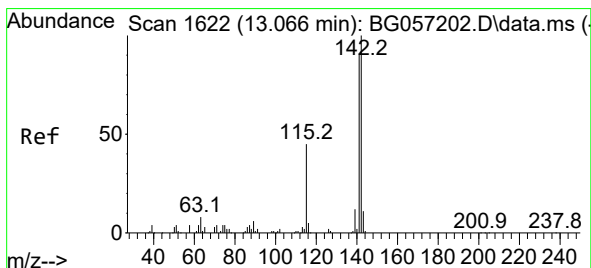
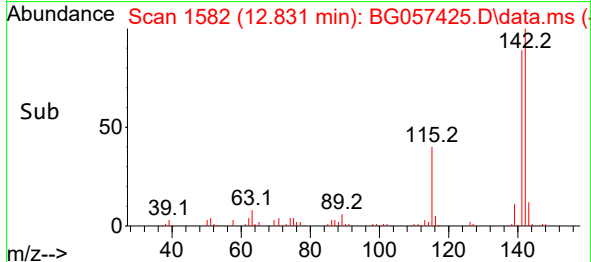
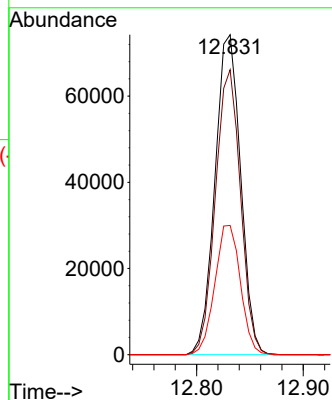


#37
2-Methylnaphthalene
Concen: 44.132 ng
RT: 12.831 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Instrument :
BNA_G
ClientSampleId :
PB152709BS

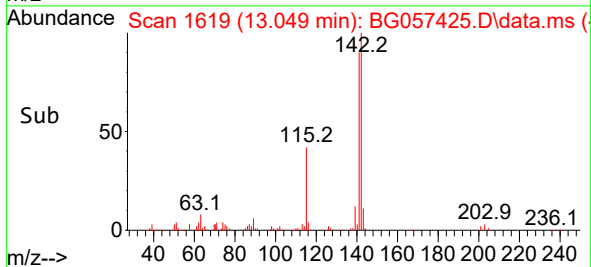
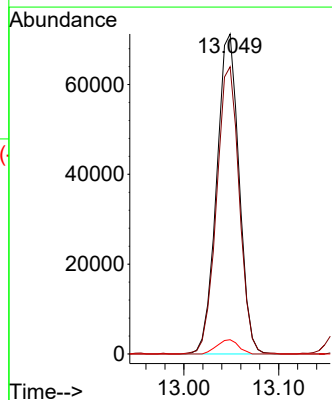
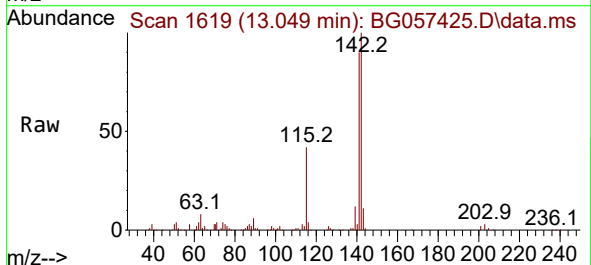


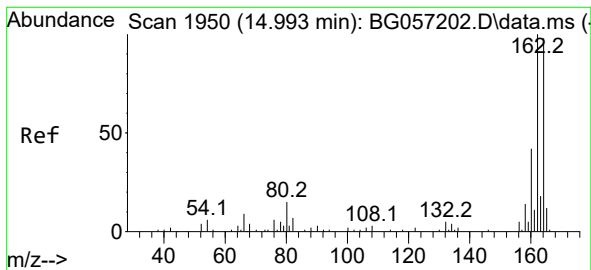
Tgt Ion:142 Resp: 124010
Ion Ratio Lower Upper
142 100
141 89.0 73.1 109.7
115 40.4 34.6 52.0



#38
1-Methylnaphthalene
Concen: 44.230 ng
RT: 13.049 min Scan# 1619
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:142 Resp: 117146
Ion Ratio Lower Upper
142 100
141 89.8 72.5 108.7
116 4.5 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.981 min Scan# 14

Delta R.T. 0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

Instrument :

BNA_G

ClientSampleId :

PB152709BS

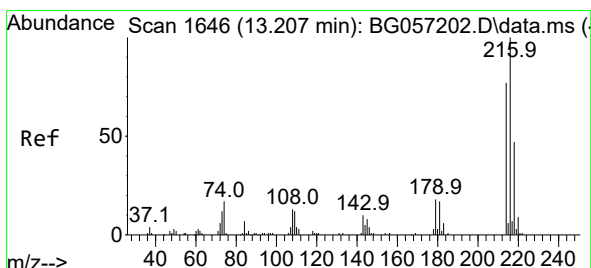
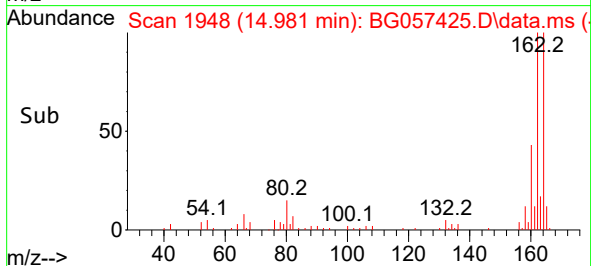
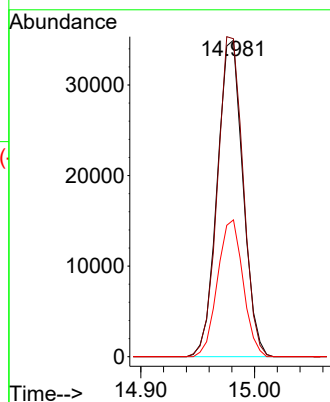
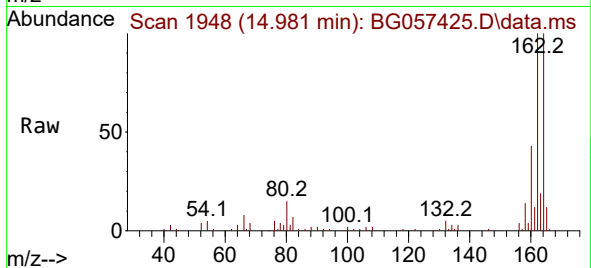
Tgt Ion:164 Resp: 54851

Ion Ratio Lower Upper

164 100

162 100.5 81.8 122.6

160 43.2 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.210 ng

RT: 13.190 min Scan# 1643

Delta R.T. -0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

Tgt Ion:216 Resp: 88035

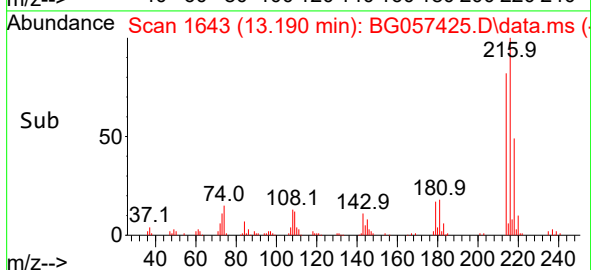
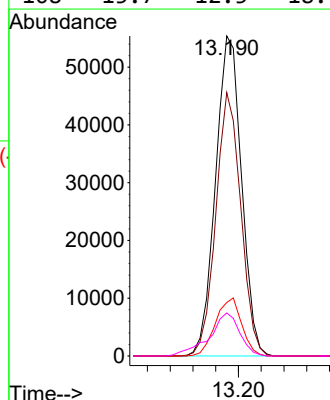
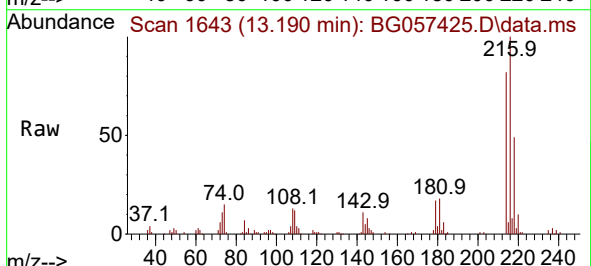
Ion Ratio Lower Upper

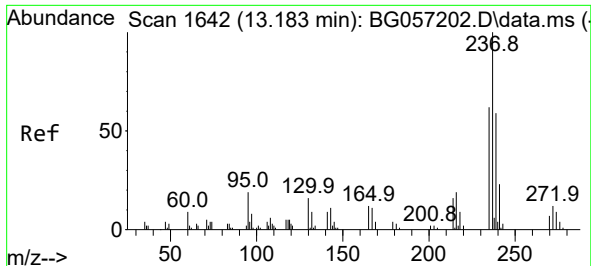
216 100

214 79.1 63.7 95.5

179 18.2 14.6 22.0

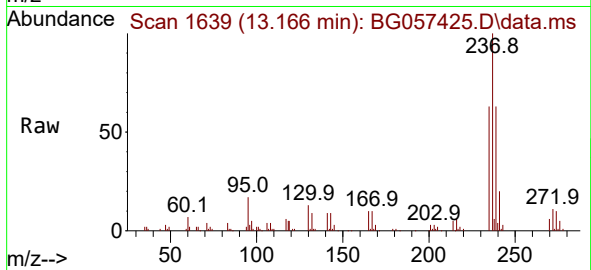
108 15.7 12.5 18.7



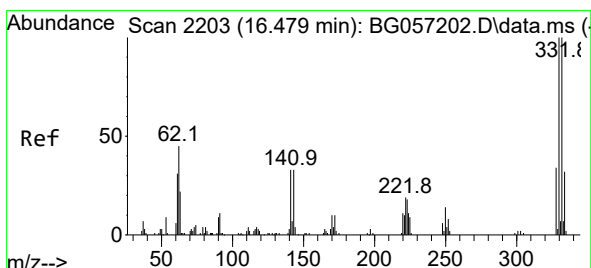
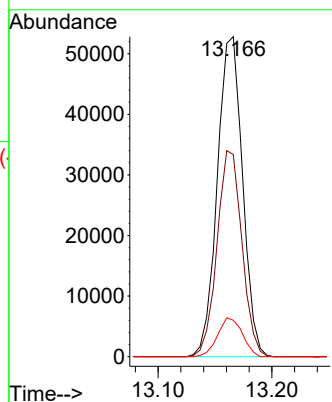
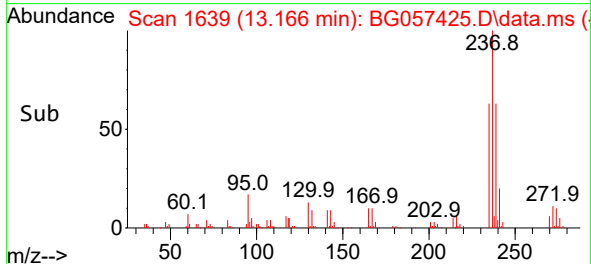


#41
Hexachlorocyclopentadiene
Concen: 86.447 ng
RT: 13.166 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

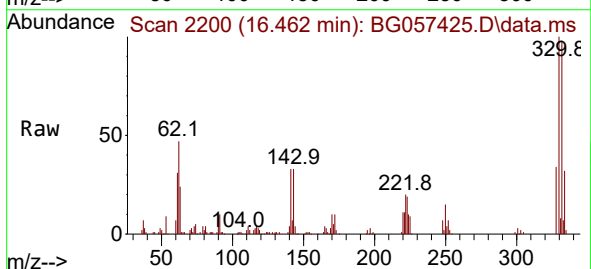
Instrument :
BNA_G
ClientSampleId :
PB152709BS



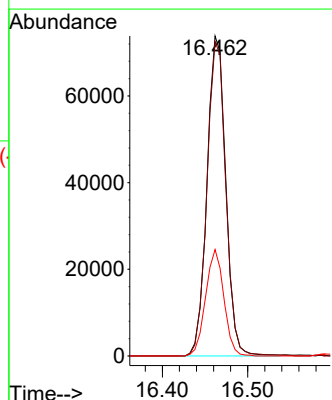
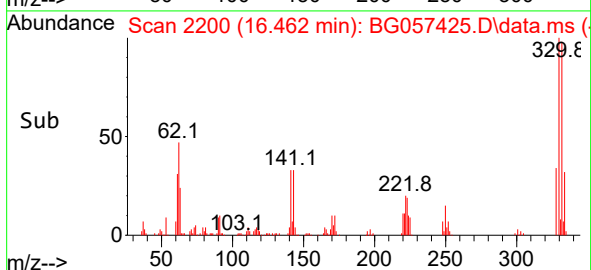
Tgt Ion: 237 Resp: 81429
Ion Ratio Lower Upper
237 100
235 63.2 42.0 82.0
272 11.4 0.0 31.5

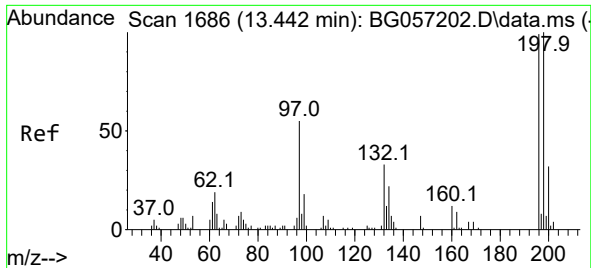


#42
2,4,6-Tribromophenol
Concen: 144.820 ng
RT: 16.462 min Scan# 2200
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19



Tgt Ion: 330 Resp: 112710
Ion Ratio Lower Upper
330 100
332 98.6 78.2 117.2
141 32.4 27.8 41.8

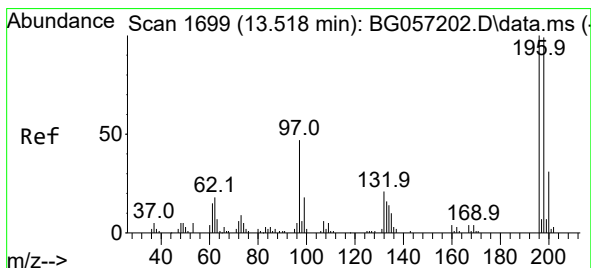
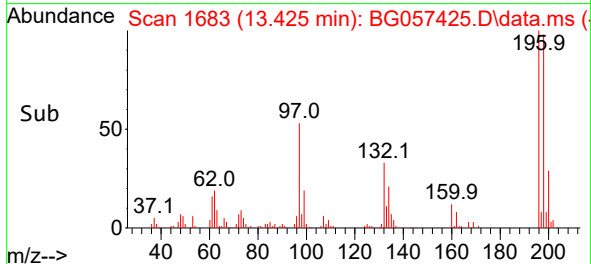
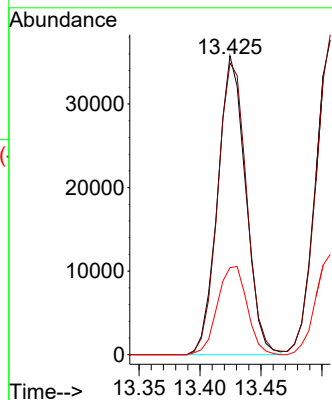
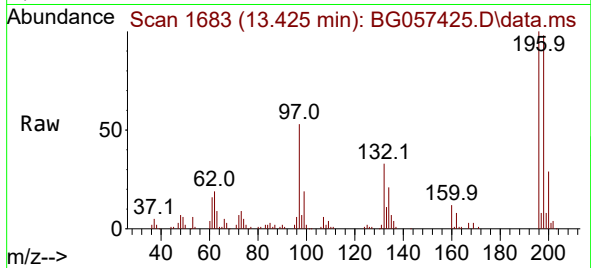




#43
2,4,6-Trichlorophenol
Concen: 48.103 ng
RT: 13.425 min Scan# 1683
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

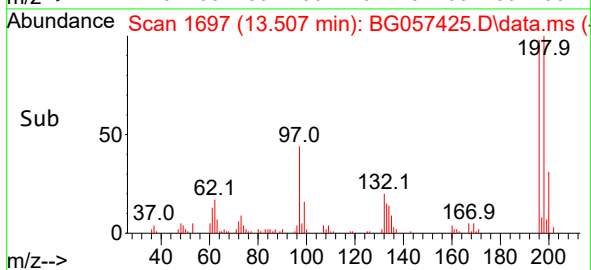
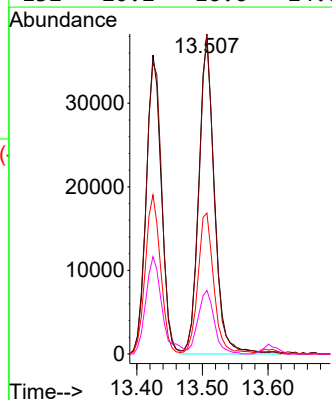
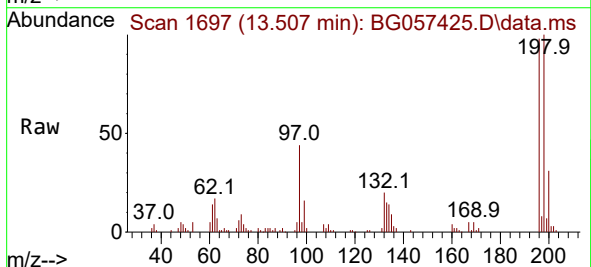
Instrument :
BNA_G
ClientSampleId :
PB152709BS

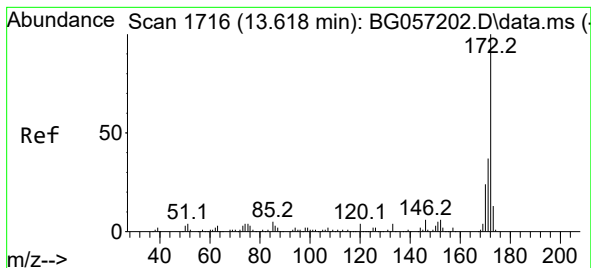
Tgt Ion:196 Resp: 57066
Ion Ratio Lower Upper
196 100
198 97.6 81.2 121.8
200 29.2 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 45.362 ng
RT: 13.507 min Scan# 1697
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:196 Resp: 63301
Ion Ratio Lower Upper
196 100
198 101.7 79.4 119.2
97 44.8 37.0 55.4
132 20.2 16.6 24.8

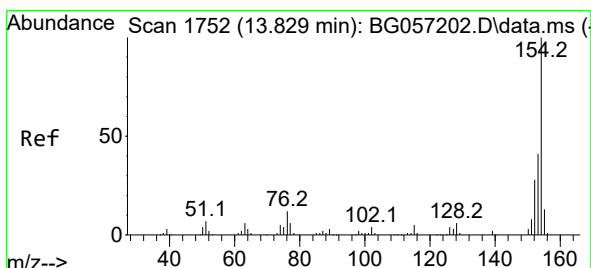
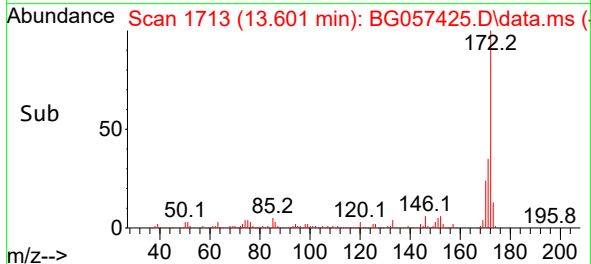
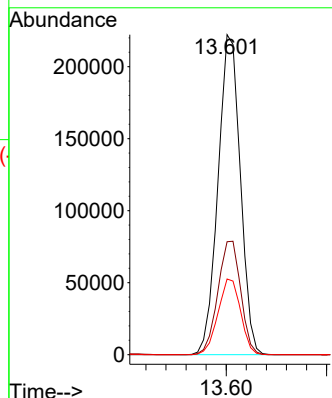
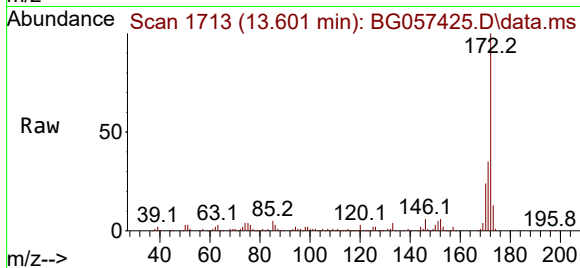




#45
2-Fluorobiphenyl
Concen: 84.121 ng
RT: 13.601 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

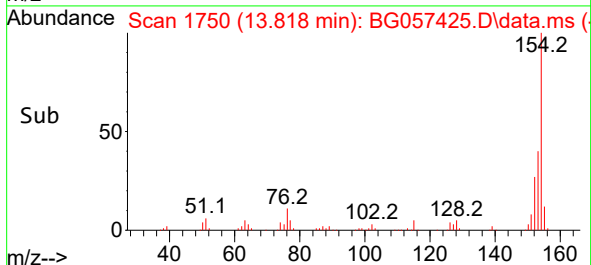
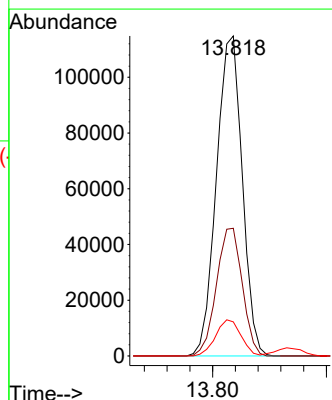
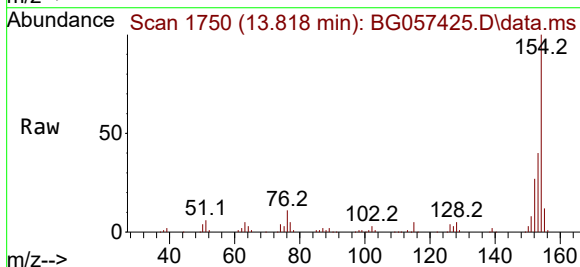
Instrument :
BNA_G
ClientSampleId :
PB152709BS

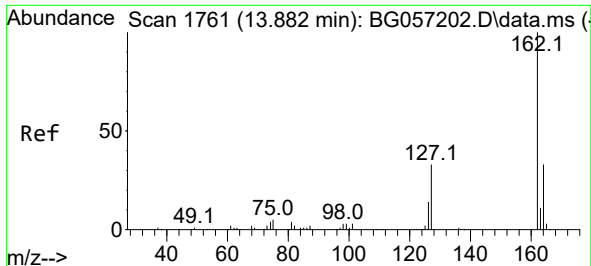
Tgt Ion:172 Resp: 342601
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 44.411 ng
RT: 13.818 min Scan# 1750
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:154 Resp: 180759
Ion Ratio Lower Upper
154 100
153 39.9 20.9 60.9
76 10.7 0.0 31.7

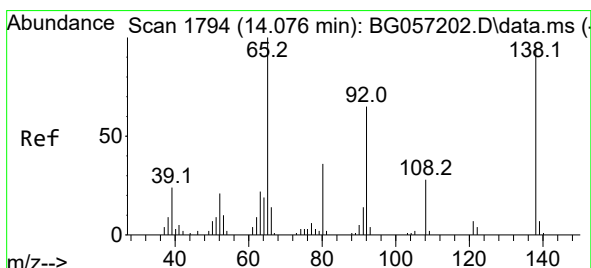
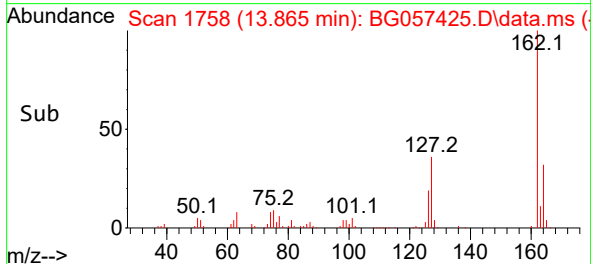
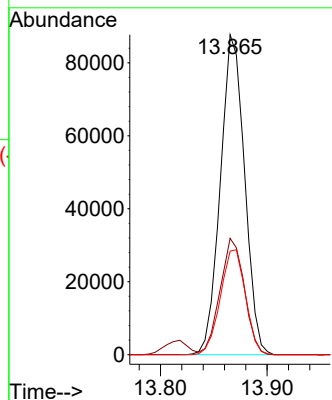
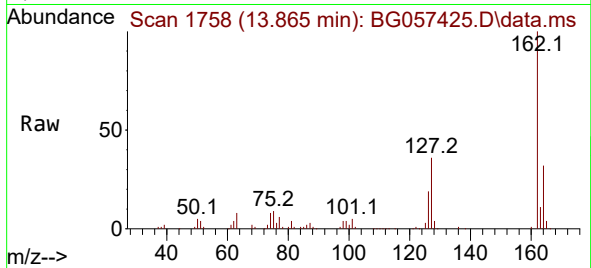




#47
2-Chloronaphthalene
Concen: 45.686 ng
RT: 13.865 min Scan# 1761
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

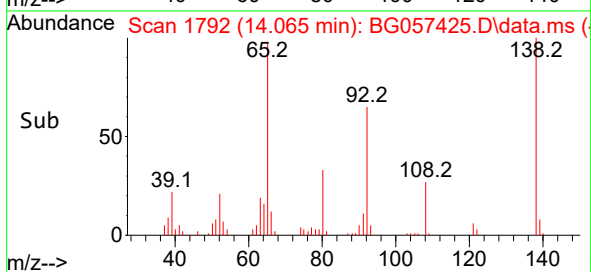
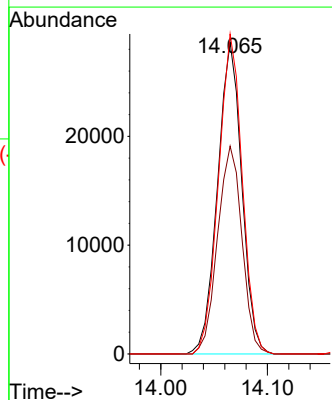
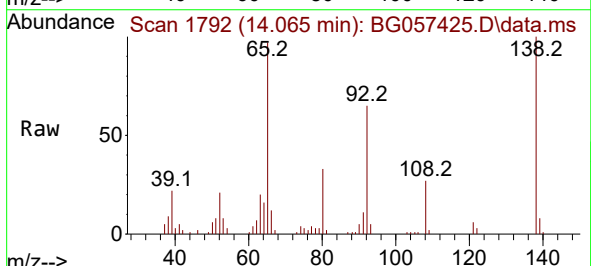
Instrument :
BNA_G
ClientSampleId :
PB152709BS

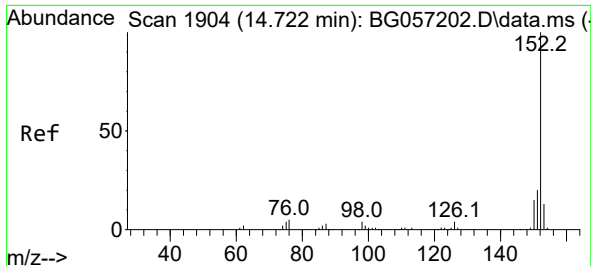
Tgt Ion:162 Resp: 138275
Ion Ratio Lower Upper
162 100
127 36.4 29.8 44.6
164 32.4 26.6 40.0



#48
2-Nitroaniline
Concen: 43.904 ng
RT: 14.065 min Scan# 1792
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion: 65 Resp: 45182
Ion Ratio Lower Upper
65 100
92 66.7 52.1 78.1
138 102.7 75.3 112.9

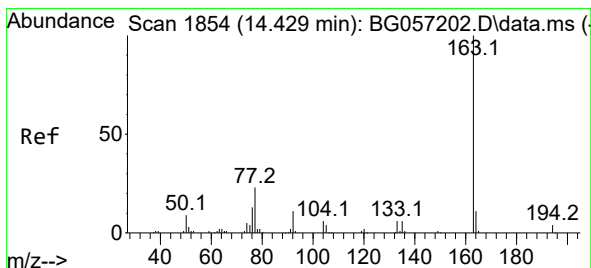
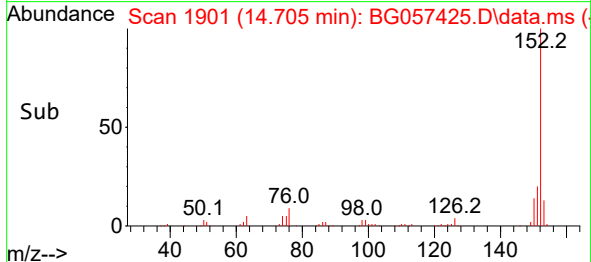
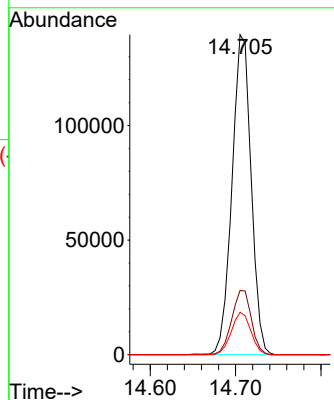
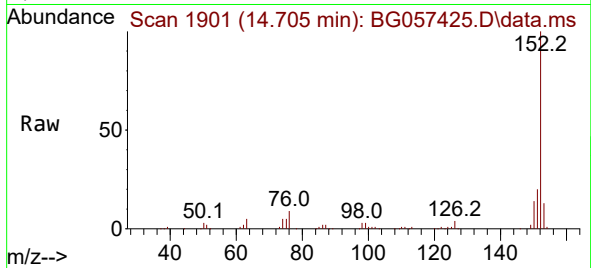




#49
Acenaphthylene
Concen: 44.231 ng
RT: 14.705 min Scan# 1901
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

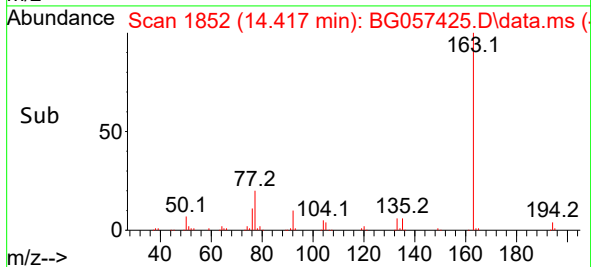
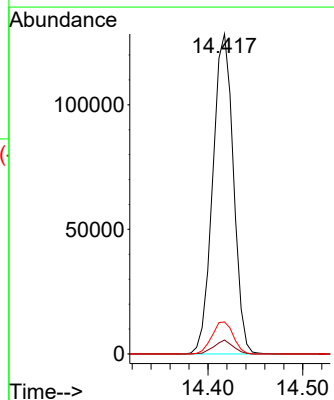
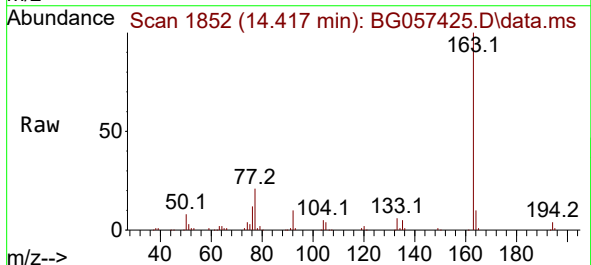
Instrument :
BNA_G
ClientSampleId :
PB152709BS

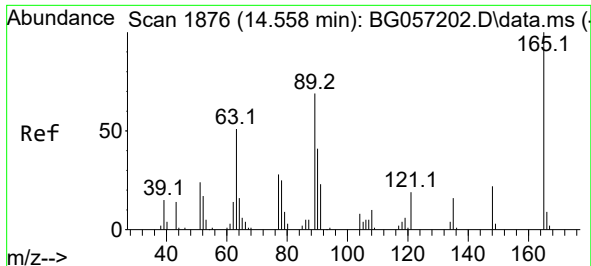
Tgt Ion:152 Resp: 217494
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 43.133 ng
RT: 14.417 min Scan# 1852
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

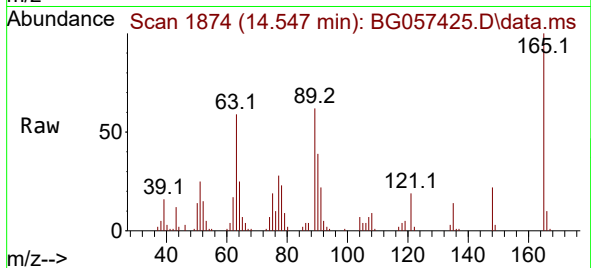
Tgt Ion:163 Resp: 194419
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.0 8.8 13.2



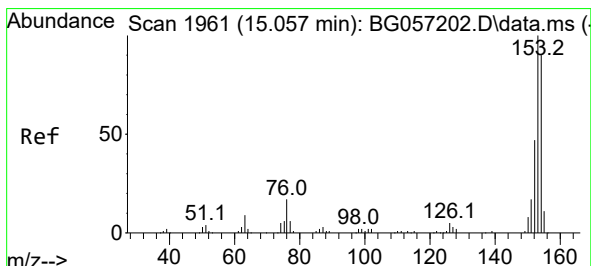
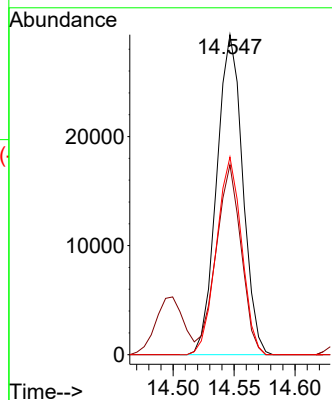
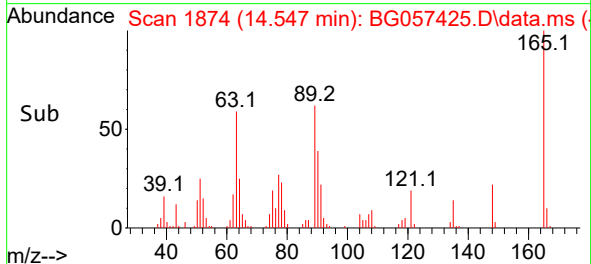


#51
2,6-Dinitrotoluene
Concen: 47.276 ng
RT: 14.547 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Instrument :
BNA_G
ClientSampleId :
PB152709BS

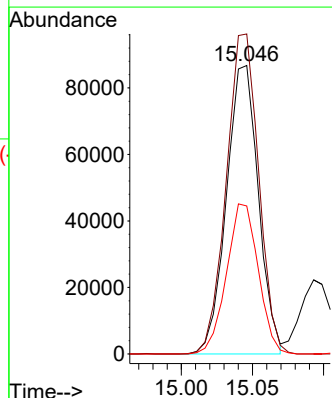
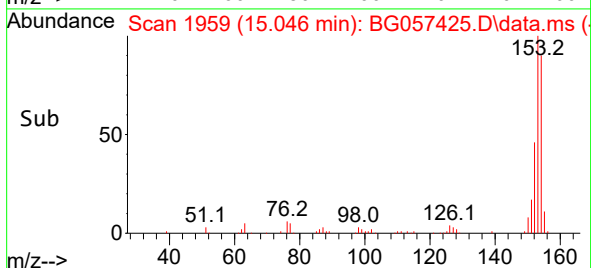
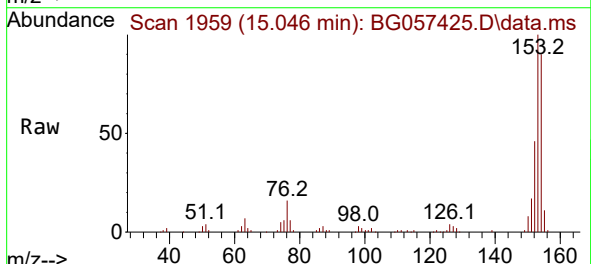


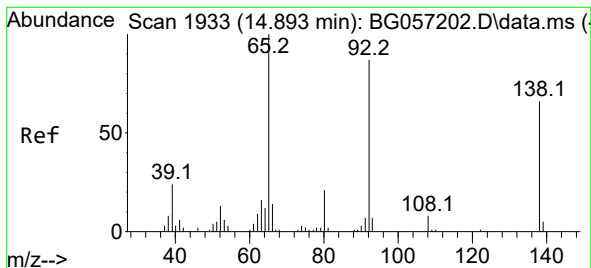
Tgt Ion:165 Resp: 43508
Ion Ratio Lower Upper
165 100
63 59.4 50.9 76.3
89 61.8 55.2 82.8



#52
Acenaphthene
Concen: 44.187 ng
RT: 15.046 min Scan# 1959
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:154 Resp: 135771
Ion Ratio Lower Upper
154 100
153 110.9 89.3 133.9
152 51.3 41.7 62.5

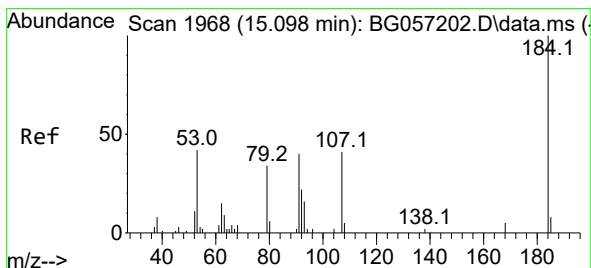
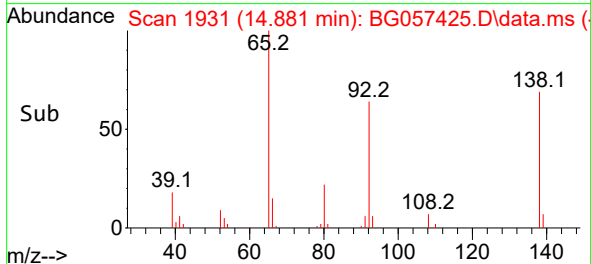
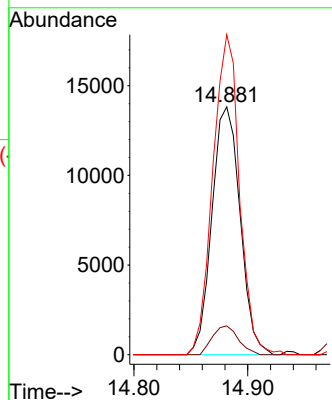
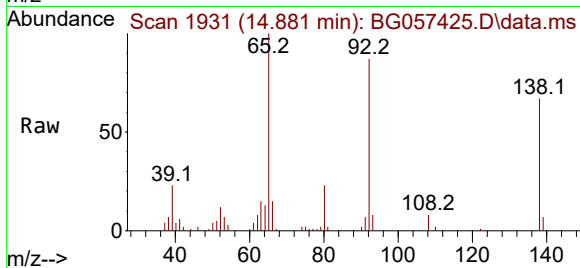




#53
3-Nitroaniline
Concen: 25.802 ng
RT: 14.881 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

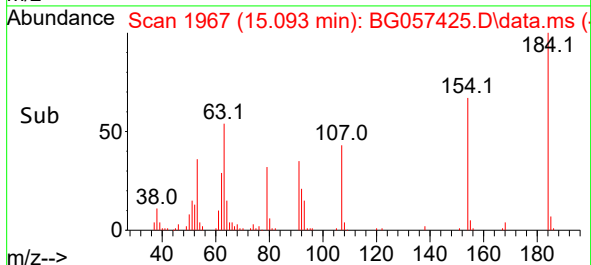
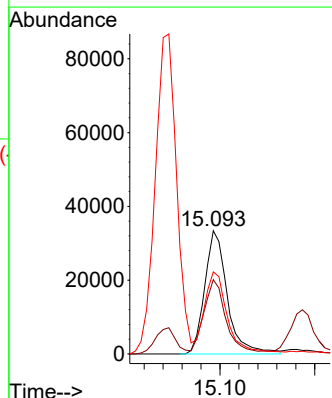
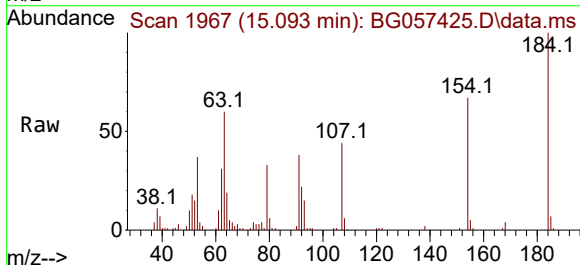
Instrument :
BNA_G
ClientSampleId :
PB152709BS

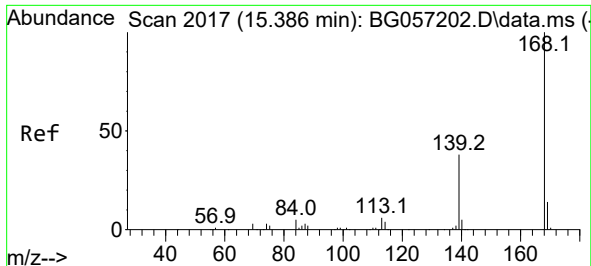
Tgt Ion:138 Resp: 23789
Ion Ratio Lower Upper
138 100
108 11.6 9.5 14.3
92 129.1 106.2 159.4



#54
2,4-Dinitrophenol
Concen: 95.970 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:184 Resp: 55292
Ion Ratio Lower Upper
184 100
63 60.3 48.2 72.4
154 66.7 55.4 83.2

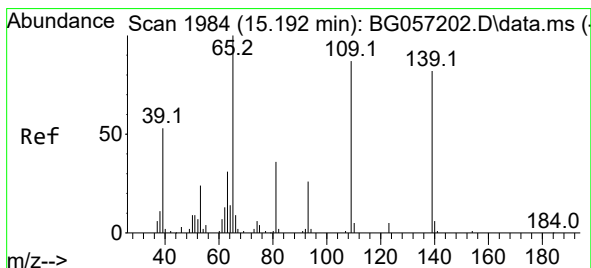
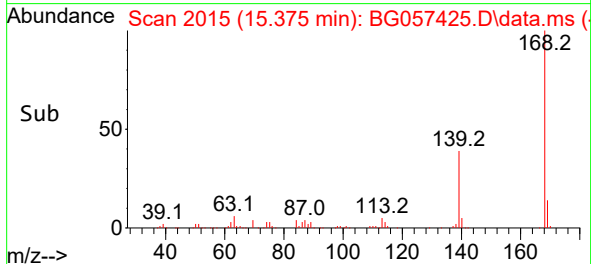
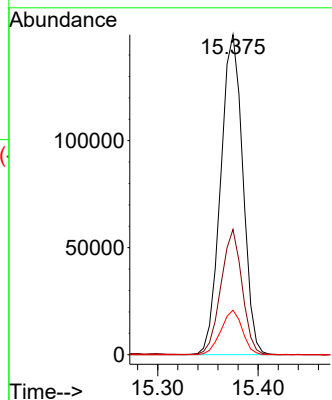
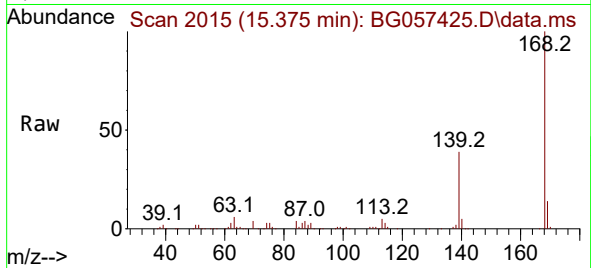




#55
Dibenzenofuran
Concen: 44.279 ng
RT: 15.375 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

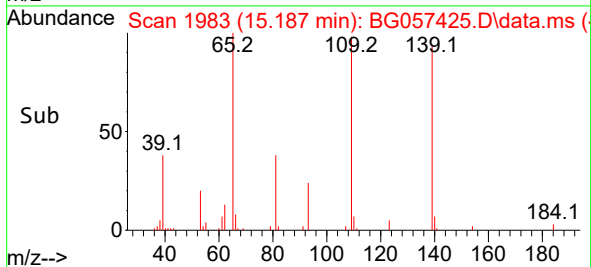
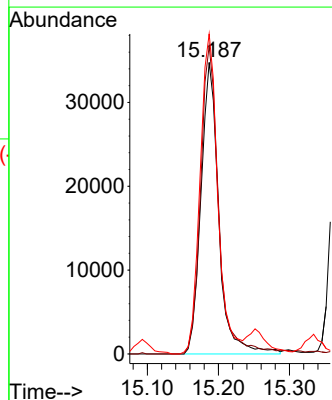
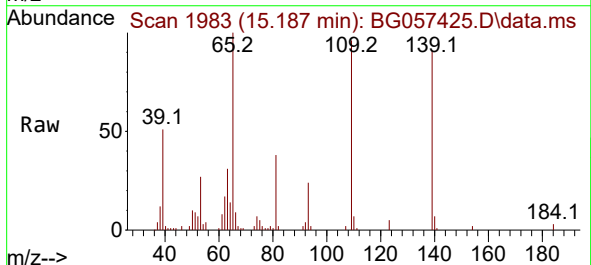
Instrument :
BNA_G
ClientSampleId :
PB152709BS

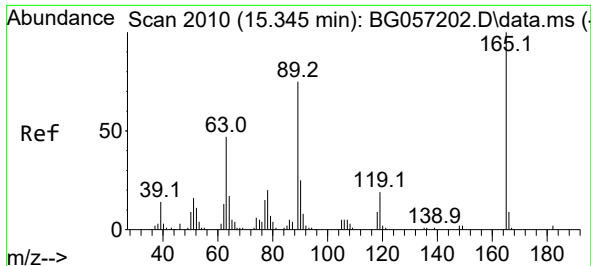
Tgt Ion:168 Resp: 228597
Ion Ratio Lower Upper
168 100
139 39.1 30.7 46.1
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 98.779 ng
RT: 15.187 min Scan# 1983
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:139 Resp: 60571
Ion Ratio Lower Upper
139 100
109 105.6 86.6 126.6
65 109.8 102.6 142.6





#57

2,4-Dinitrotoluene

Concen: 47.235 ng

RT: 15.334 min Scan# 20

Delta R.T. -0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

Instrument :

BNA_G

ClientSampleId :

PB152709BS

Tgt Ion:165 Resp: 62126

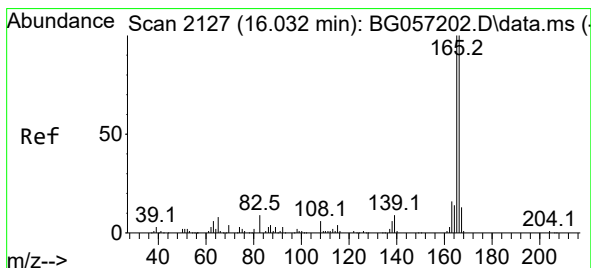
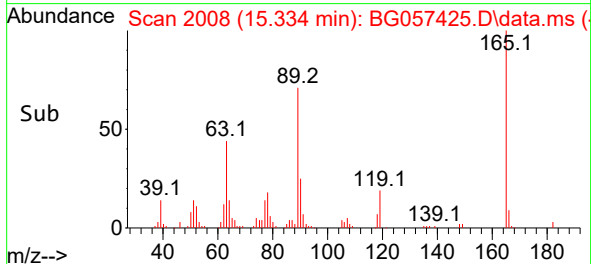
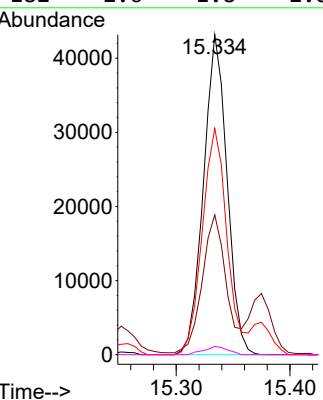
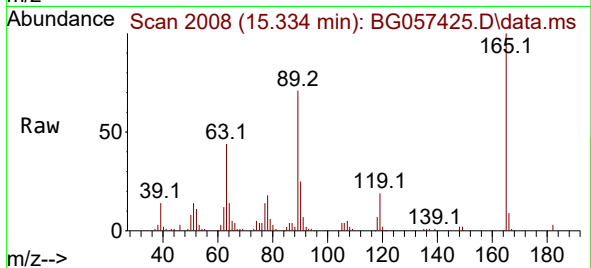
Ion Ratio Lower Upper

165 100

63 43.7 37.5 56.3

89 70.7 60.2 90.4

182 2.6 1.8 2.8



#58

Fluorene

Concen: 44.939 ng

RT: 16.021 min Scan# 2125

Delta R.T. -0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

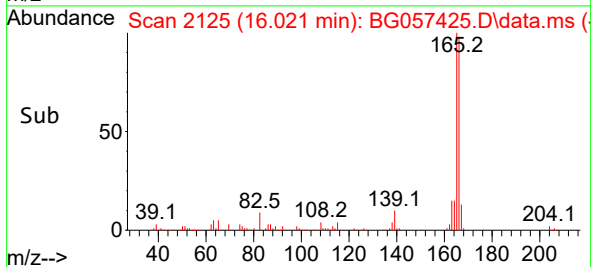
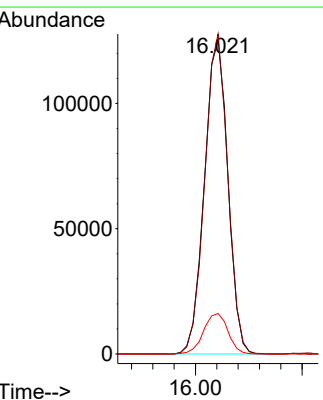
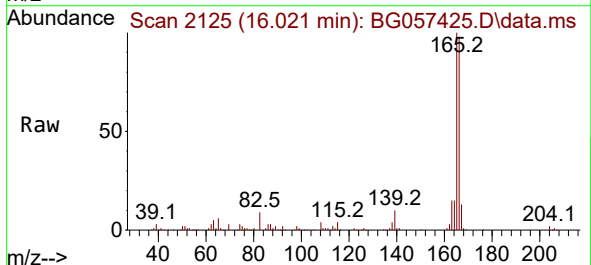
Tgt Ion:166 Resp: 191098

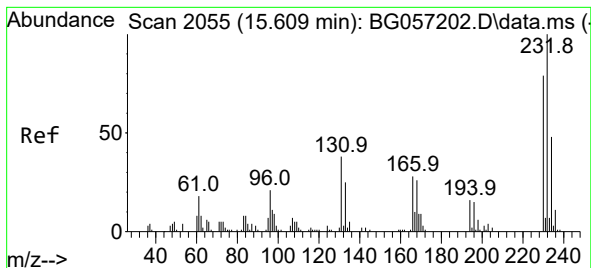
Ion Ratio Lower Upper

166 100

165 102.0 80.1 120.1

167 12.9 10.2 15.2

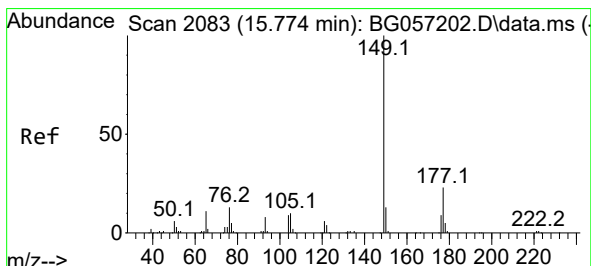
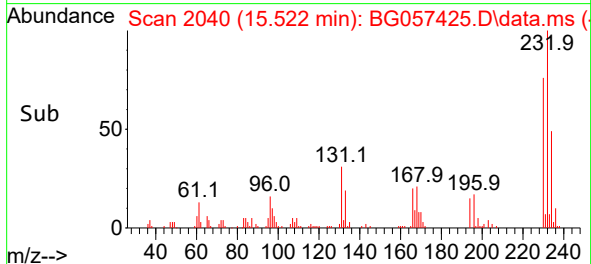
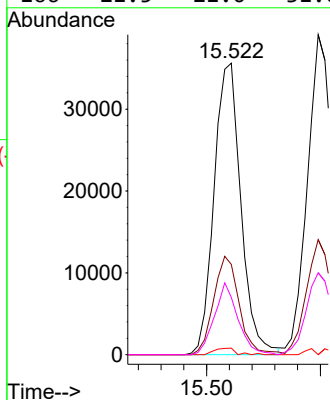
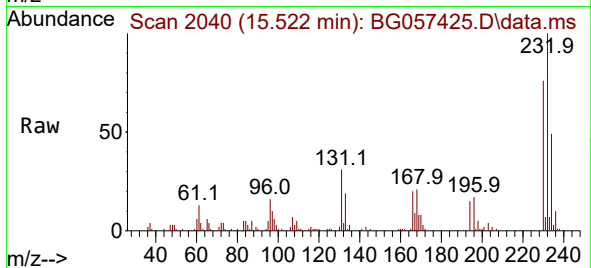




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.162 ng
RT: 15.522 min Scan# 20
Delta R.T. -0.079 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

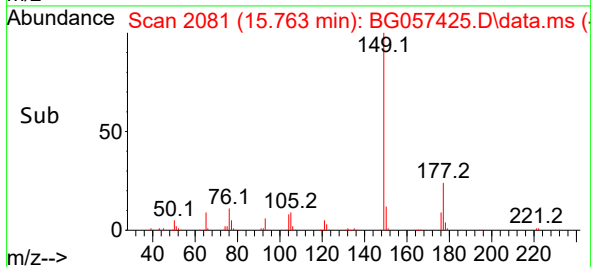
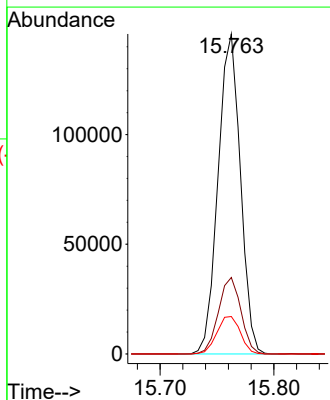
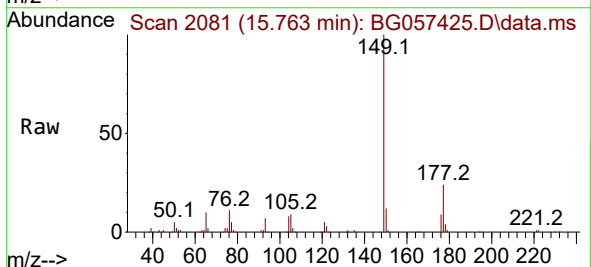
Instrument :
BNA_G
ClientSampleId :
PB152709BS

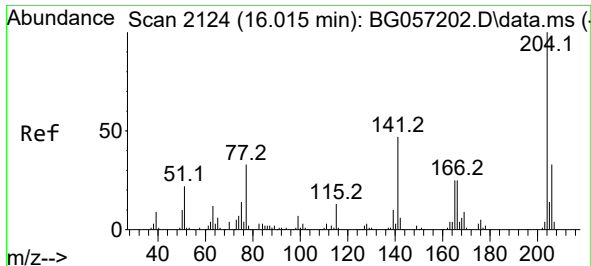
Tgt Ion:232 Resp: 58403
Ion Ratio Lower Upper
232 100
131 32.0 28.6 42.8
130 1.8 1.6 2.4
166 21.5 21.0 31.6



#60
Diethylphthalate
Concen: 43.362 ng
RT: 15.763 min Scan# 2081
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:149 Resp: 198487
Ion Ratio Lower Upper
149 100
177 23.9 18.3 27.5
150 11.7 10.1 15.1

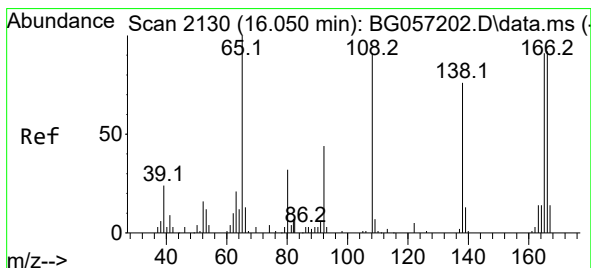
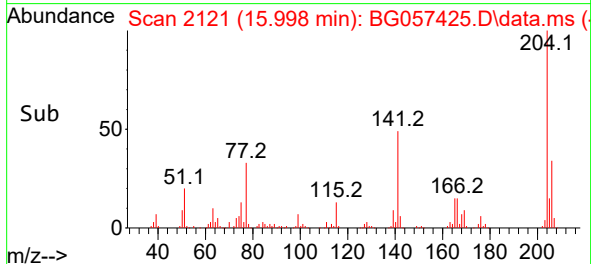
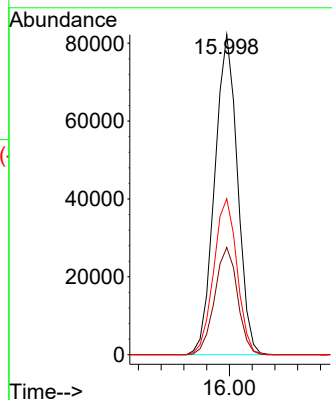
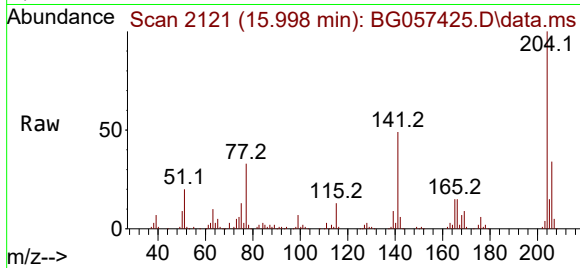




#61
4-Chlorophenyl-phenylether
Concen: 44.620 ng
RT: 15.998 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

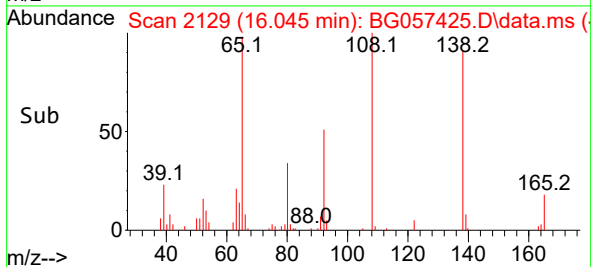
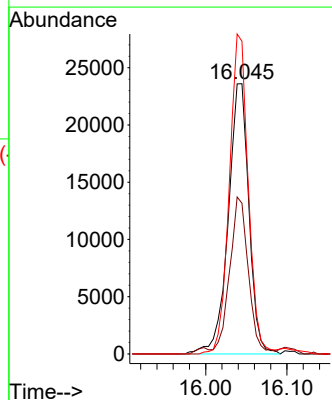
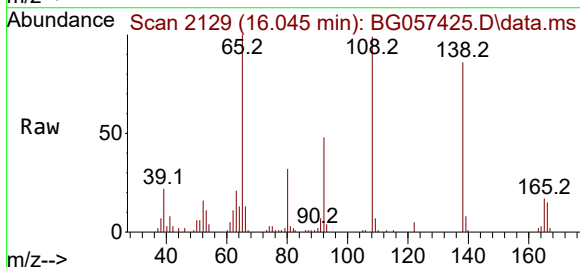
Instrument :
BNA_G
ClientSampleId :
PB152709BS

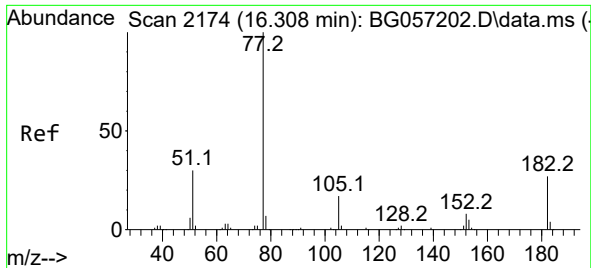
Tgt Ion:204 Resp: 114305
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 48.7 37.4 56.0



#62
4-Nitroaniline
Concen: 44.821 ng
RT: 16.045 min Scan# 2129
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:138 Resp: 41688
Ion Ratio Lower Upper
138 100
92 55.8 38.2 78.2
108 115.7 99.6 139.6

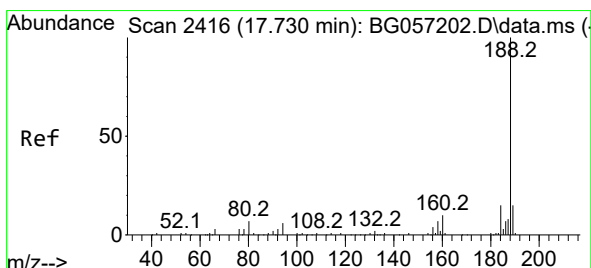
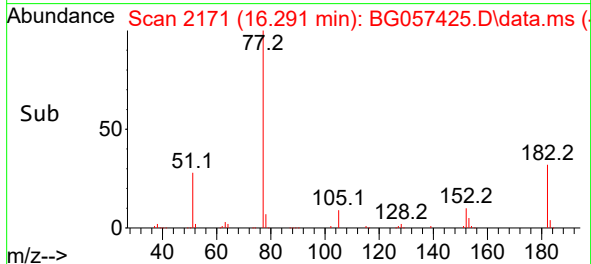
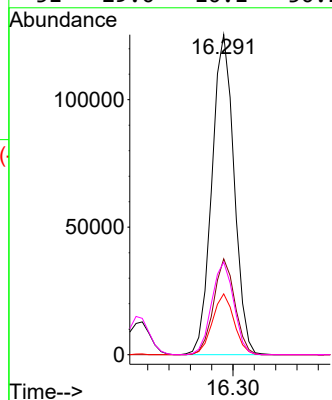
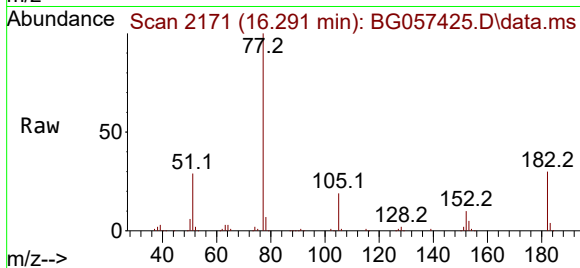




#63
 Azobenzene
 Concen: 40.975 ng
 RT: 16.291 min Scan# 2171
 Delta R.T. -0.003 min
 Lab File: BG057425.D
 Acq: 13 May 2023 3:19

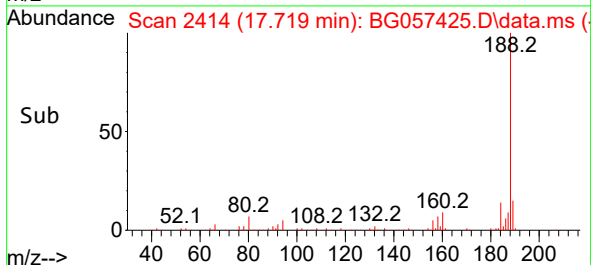
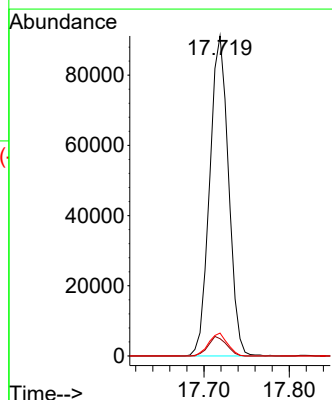
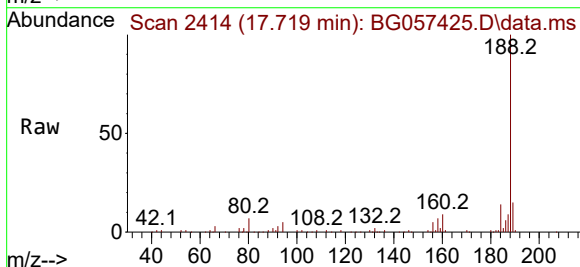
Instrument :
 BNA_G
 ClientSampleId :
 PB152709BS

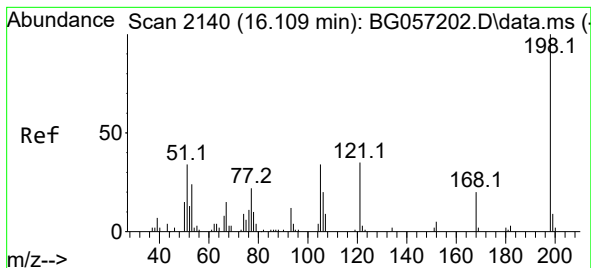
Tgt Ion: 77	Resp: 180968
Ion Ratio	Lower Upper
77 100	
182 30.0	7.4 47.4
105 19.0	0.0 37.2
51 29.0	10.1 50.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.719 min Scan# 2414
 Delta R.T. -0.003 min
 Lab File: BG057425.D
 Acq: 13 May 2023 3:19

Tgt Ion: 188	Resp: 139509
Ion Ratio	Lower Upper
188 100	
94 5.4	5.1 7.7
80 7.1	5.7 8.5

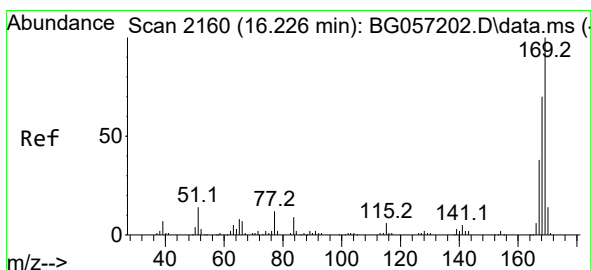
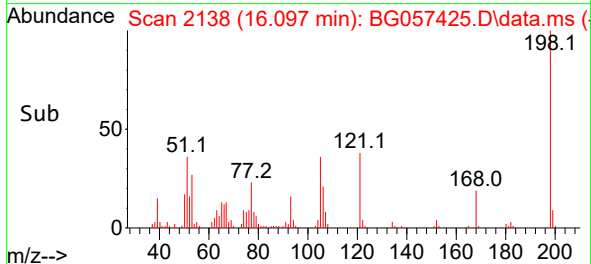
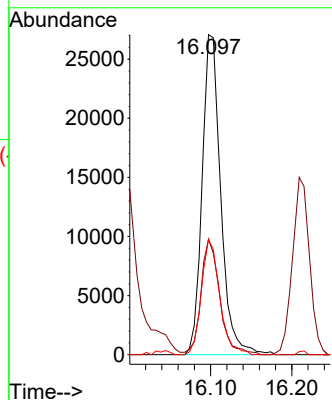
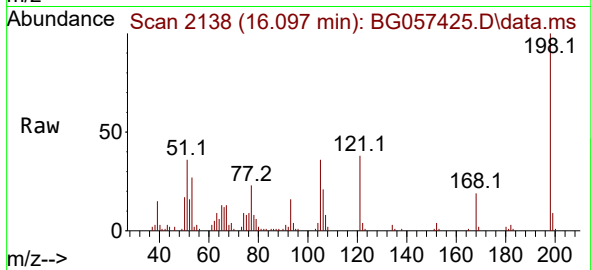




#65
4,6-Dinitro-2-methylphenol
Concen: 51.726 ng
RT: 16.097 min Scan# 2140
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

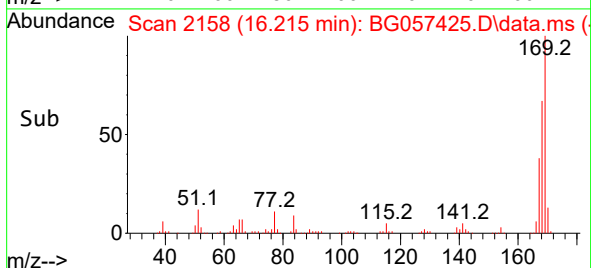
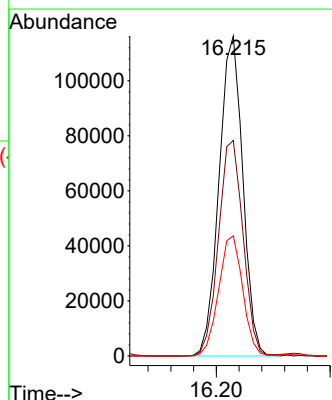
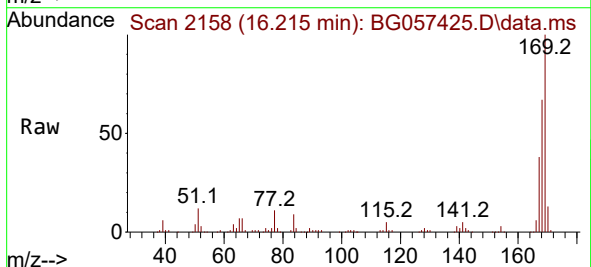
Instrument :
BNA_G
ClientSampleId :
PB152709BS

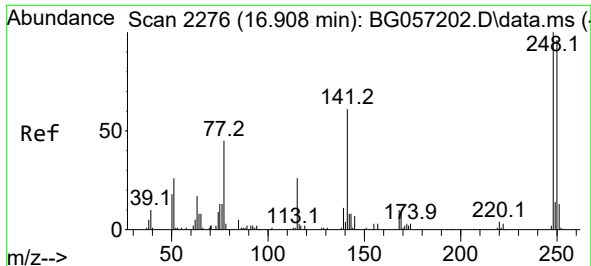
Tgt Ion:198 Resp: 43084
Ion Ratio Lower Upper
198 100
51 36.2 16.1 56.1
105 36.0 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 44.490 ng
RT: 16.215 min Scan# 2158
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:169 Resp: 168574
Ion Ratio Lower Upper
169 100
168 67.3 56.2 84.4
167 37.6 30.2 45.4

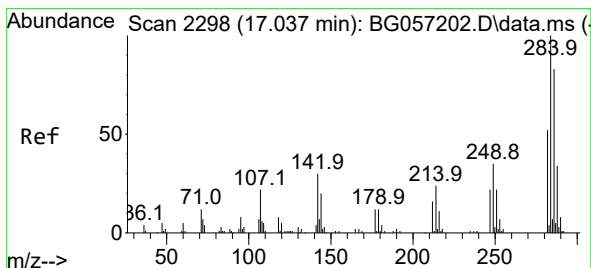
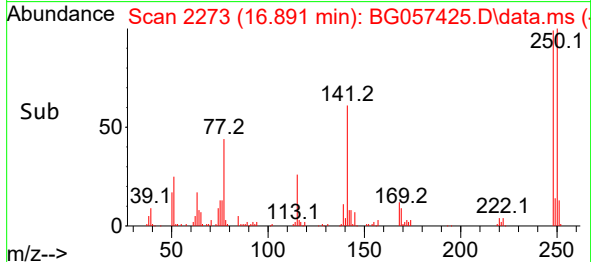
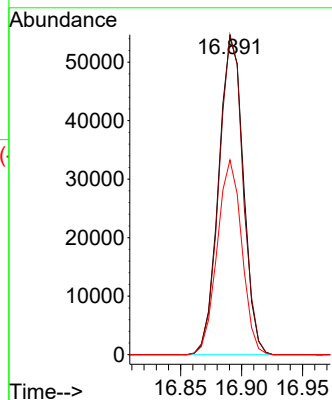
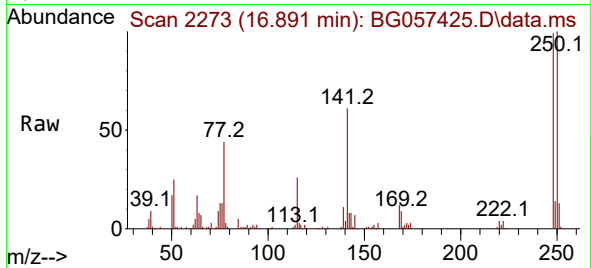




#67
4-Bromophenyl-phenylether
Concen: 44.965 ng
RT: 16.891 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

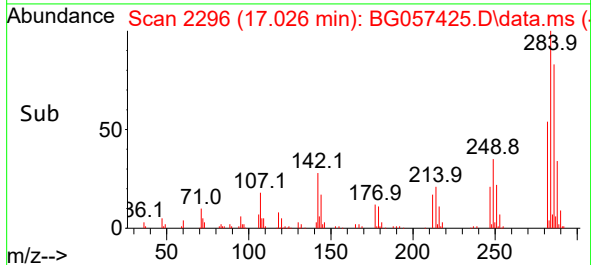
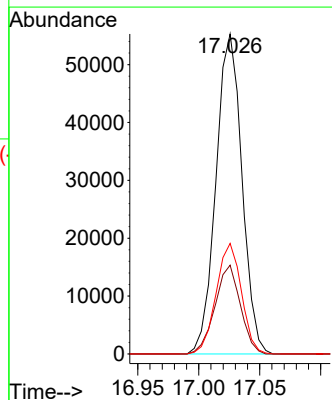
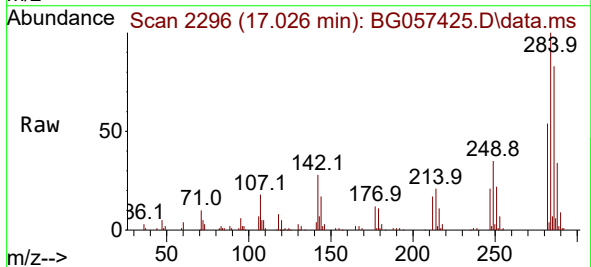
Instrument :
BNA_G
ClientSampleId :
PB152709BS

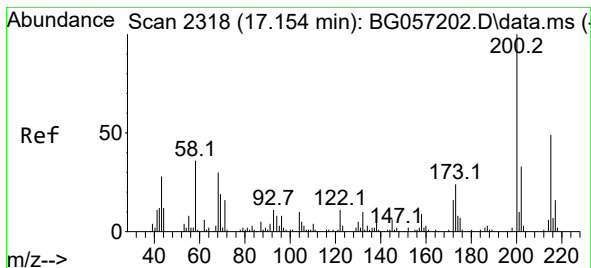
Tgt Ion:248 Resp: 76578
Ion Ratio Lower Upper
248 100
250 100.7 77.0 115.6
141 61.3 48.6 72.8



#68
Hexachlorobenzene
Concen: 49.538 ng
RT: 17.026 min Scan# 2296
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:284 Resp: 81985
Ion Ratio Lower Upper
284 100
142 27.8 23.9 35.9
249 34.5 27.7 41.5





#69

Atrazine

Concen: 49.169 ng

RT: 17.149 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

Instrument :

BNA_G

ClientSampleId :

PB152709BS

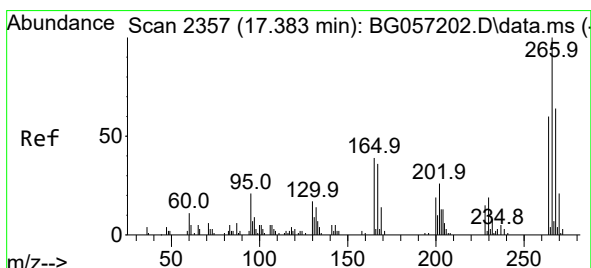
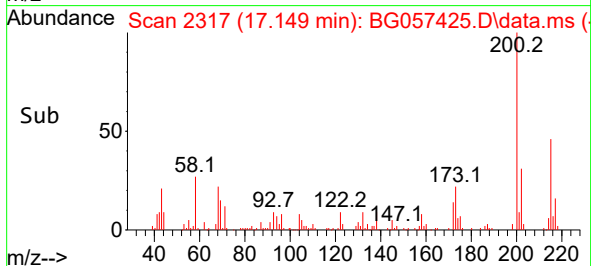
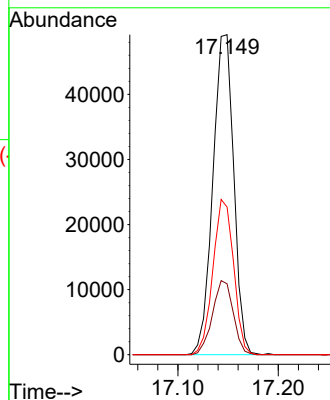
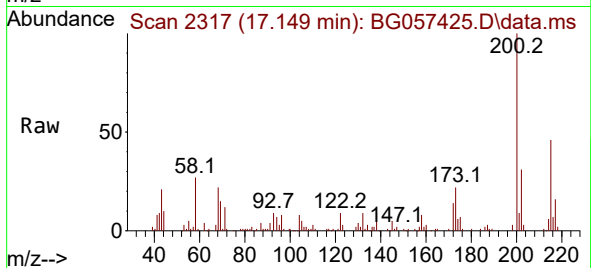
Tgt Ion:200 Resp: 71069

Ion Ratio Lower Upper

200 100

173 22.2 4.3 44.3

215 46.1 29.3 69.3



#70

Pentachlorophenol

Concen: 89.299 ng

RT: 17.372 min Scan# 2355

Delta R.T. -0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

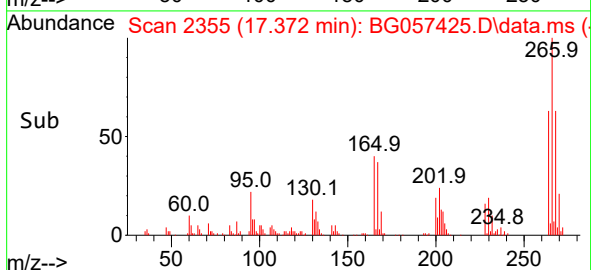
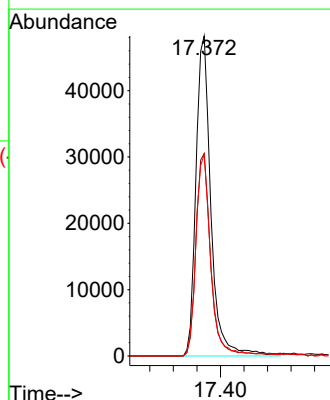
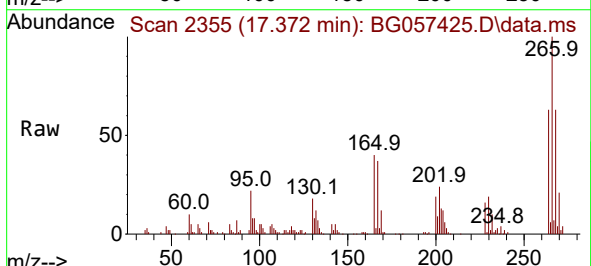
Tgt Ion:266 Resp: 85173

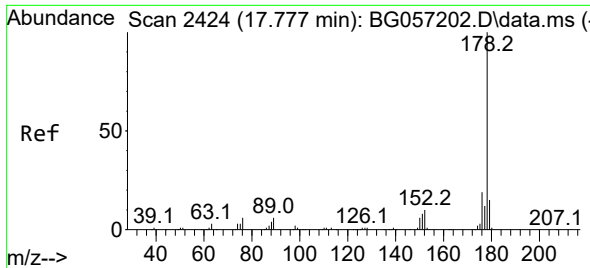
Ion Ratio Lower Upper

266 100

268 63.2 51.0 76.6

264 63.0 47.8 71.6

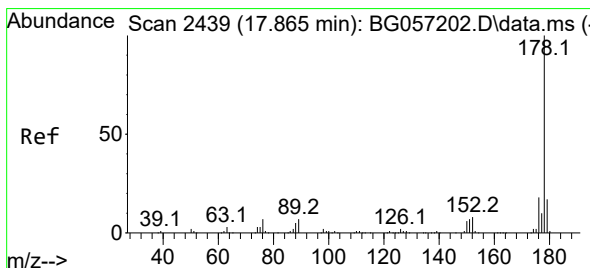
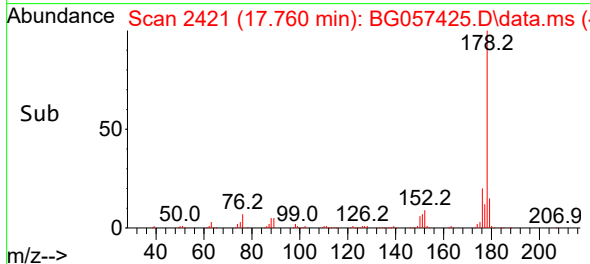
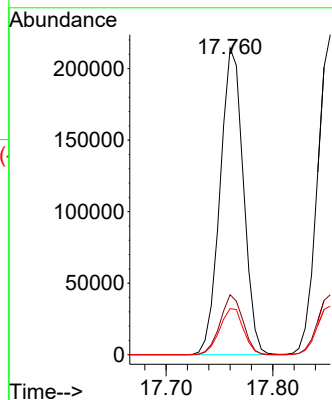
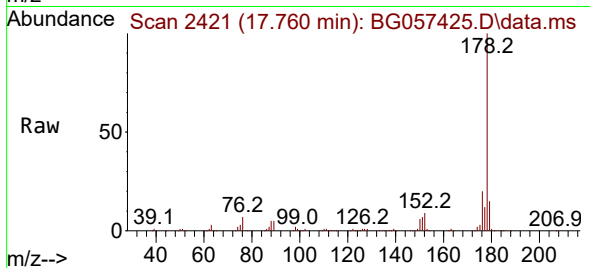




#71
Phenanthrene
Concen: 45.481 ng
RT: 17.760 min Scan# 2424
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

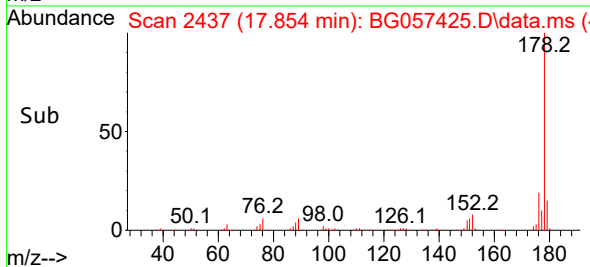
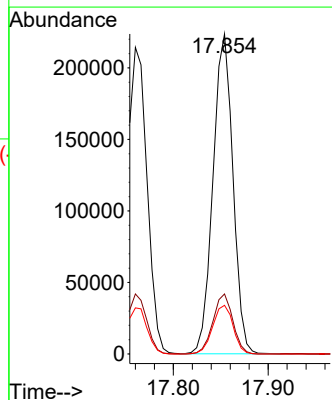
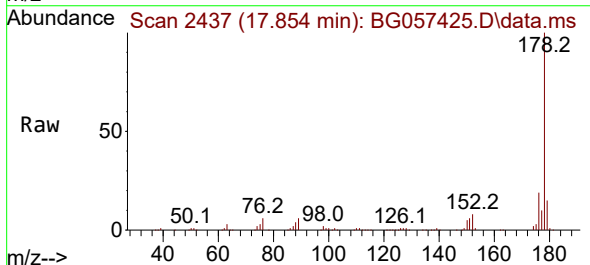
Instrument :
BNA_G
ClientSampleId :
PB152709BS

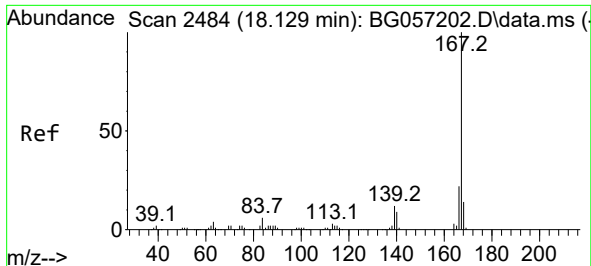
Tgt Ion:178 Resp: 325132
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.0 12.3 18.5



#72
Anthracene
Concen: 44.549 ng
RT: 17.854 min Scan# 2437
Delta R.T. 0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:178 Resp: 326771
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.2 13.2 19.8

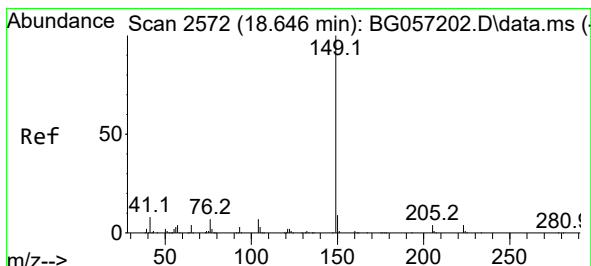
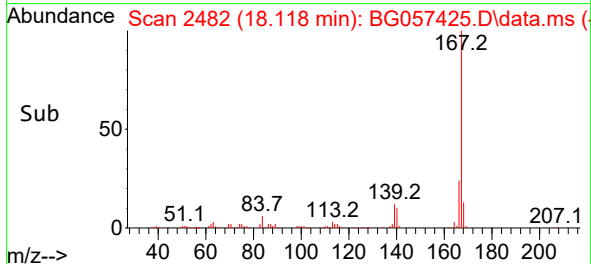
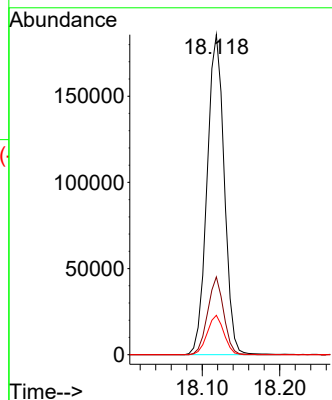
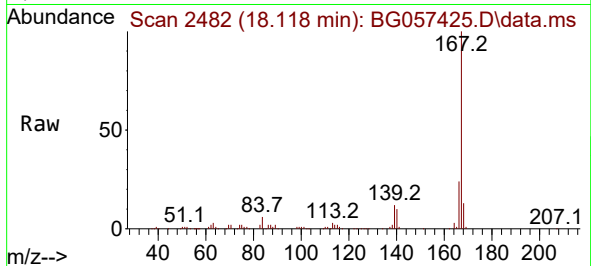




#73
Carbazole
Concen: 46.206 ng
RT: 18.118 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

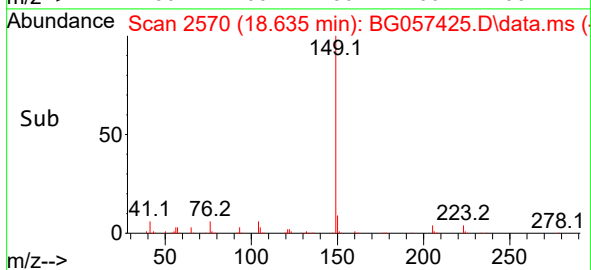
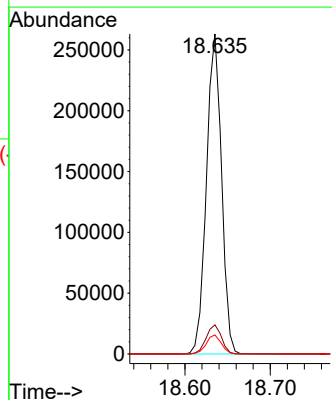
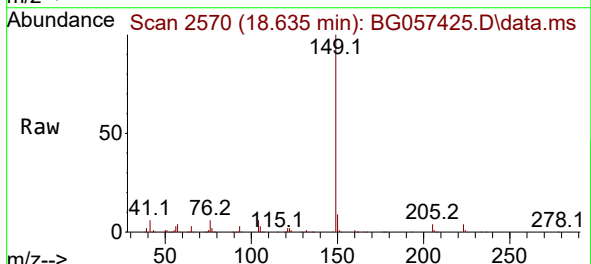
Instrument :
BNA_G
ClientSampleId :
PB152709BS

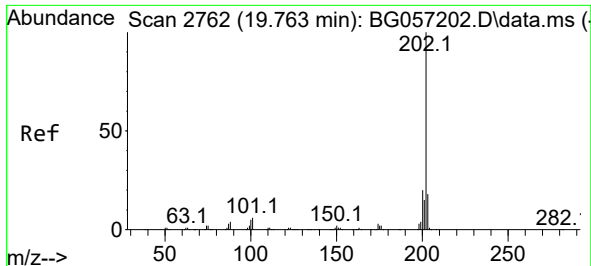
Tgt Ion:167 Resp: 285332
Ion Ratio Lower Upper
167 100
166 24.3 17.4 26.0
139 12.3 9.6 14.4



#74
Di-n-butylphthalate
Concen: 45.379 ng
RT: 18.635 min Scan# 2570
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:149 Resp: 322413
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 6.0 5.4 8.2

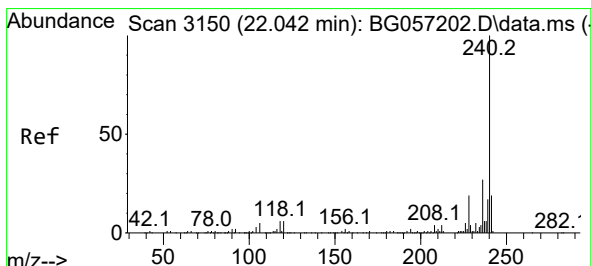
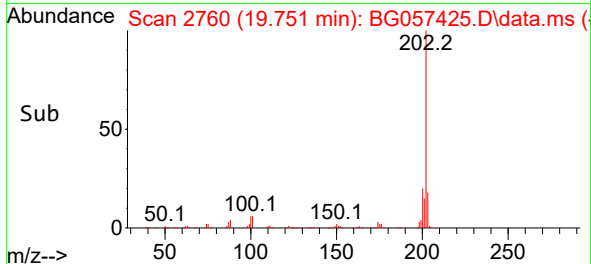
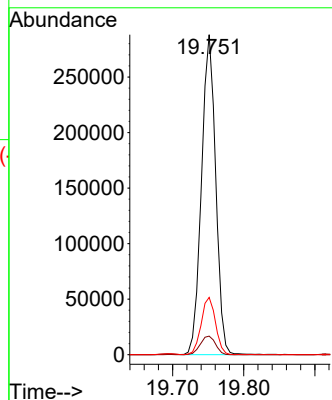
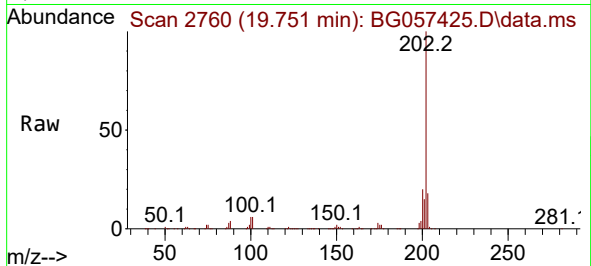




#75
Fluoranthene
Concen: 45.143 ng
RT: 19.751 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

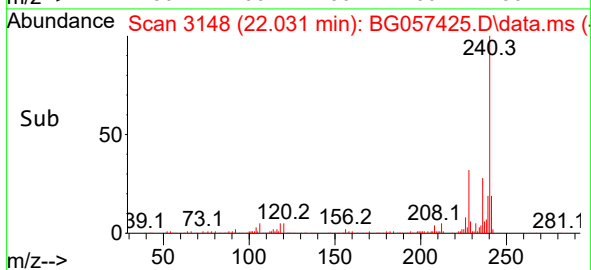
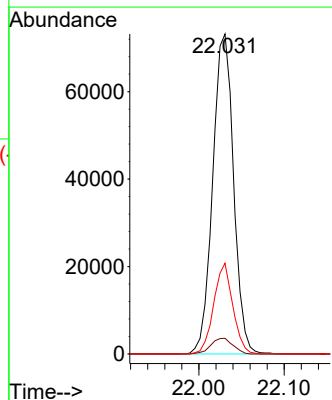
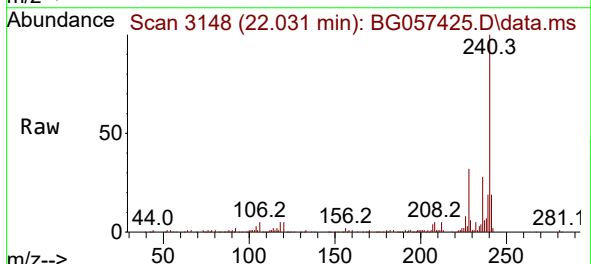
Instrument :
BNA_G
ClientSampleId :
PB152709BS

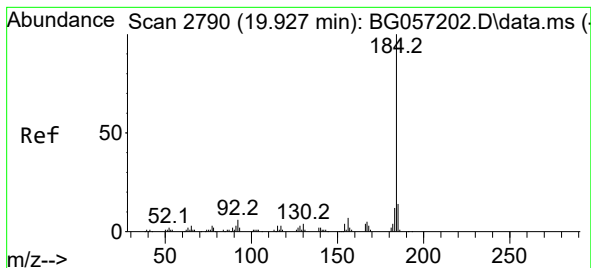
Tgt Ion:202 Resp: 401373
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.2
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.031 min Scan# 3148
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:240 Resp: 124179
Ion Ratio Lower Upper
240 100
120 4.9 4.9 7.3
236 28.3 21.4 32.2





#77

Benzidine

Concen: 43.447 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

Instrument :

BNA_G

ClientSampleId :

PB152709BS

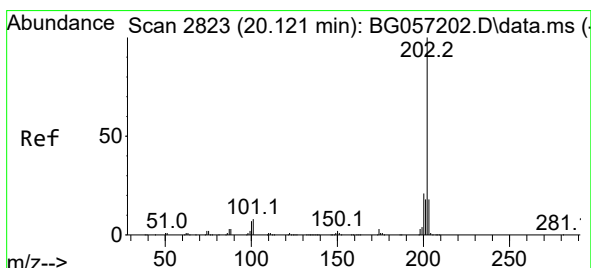
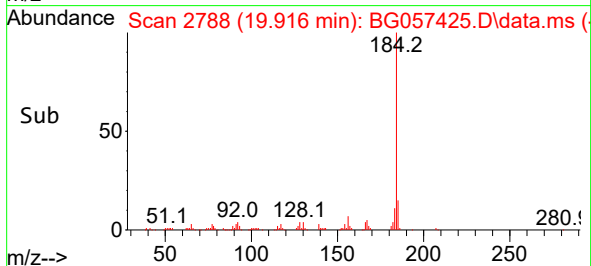
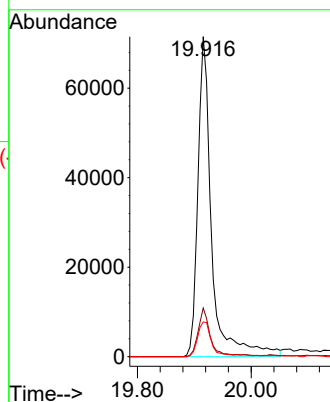
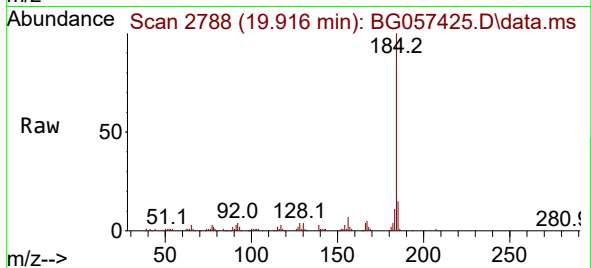
Tgt Ion:184 Resp: 120617

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

183 10.9 9.9 14.9



#78

Pyrene

Concen: 45.232 ng

RT: 20.116 min Scan# 2822

Delta R.T. 0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

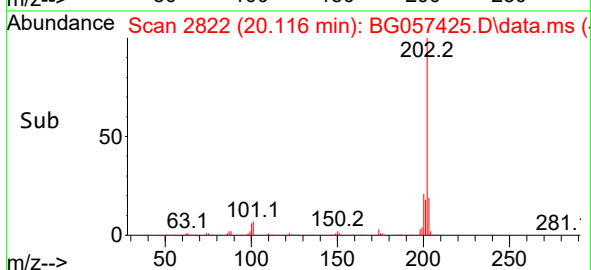
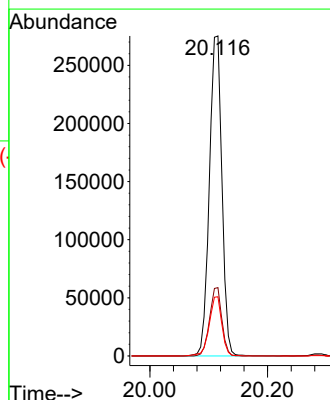
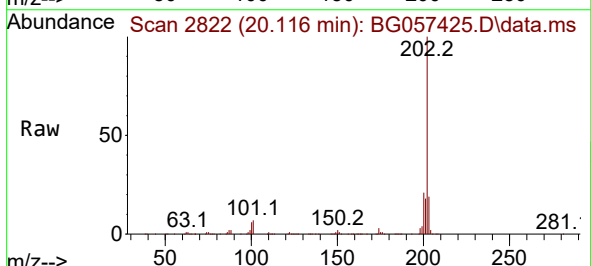
Tgt Ion:202 Resp: 408152

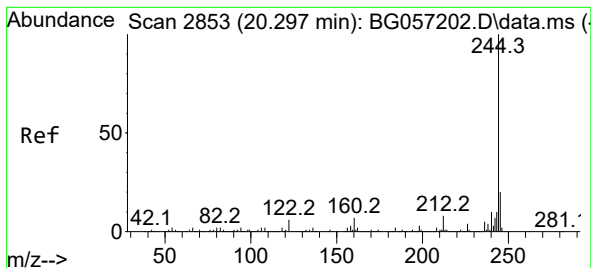
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 18.5 14.2 21.4





#79

Terphenyl-d14

Concen: 90.662 ng

RT: 20.286 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

Instrument :

BNA_G

ClientSampleId :

PB152709BS

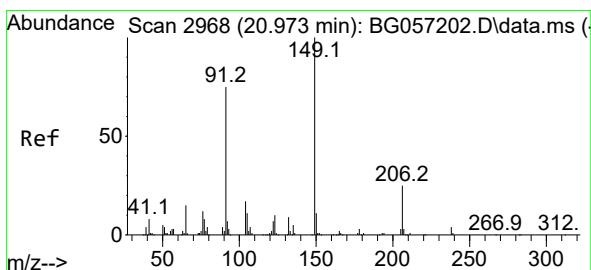
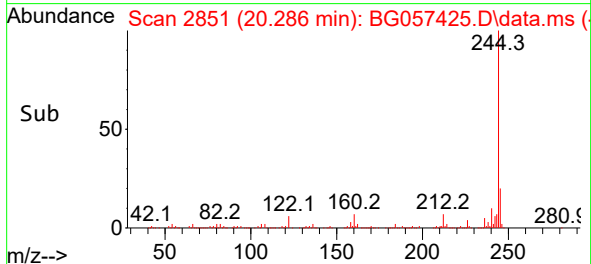
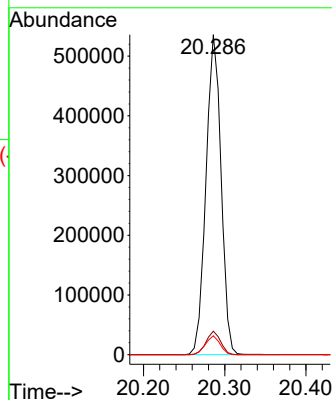
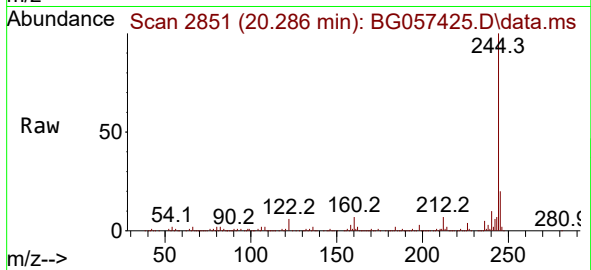
Tgt Ion:244 Resp: 689882

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 5.9 5.1 7.7



#80

Butylbenzylphthalate

Concen: 49.387 ng

RT: 20.961 min Scan# 2966

Delta R.T. -0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

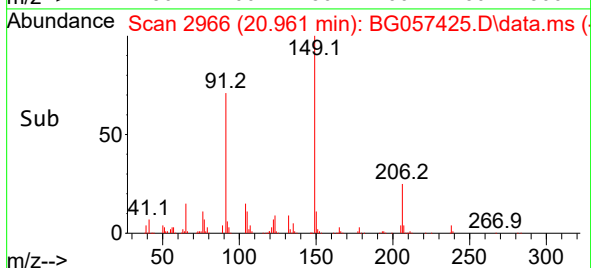
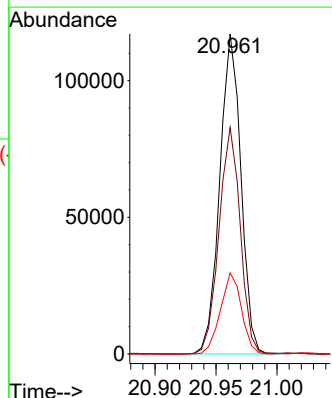
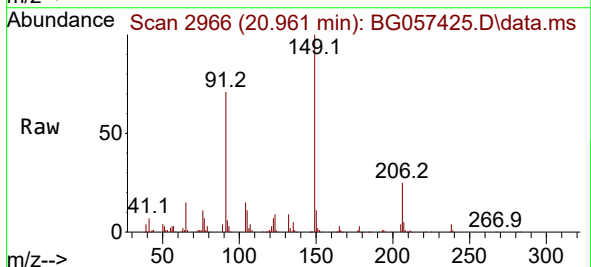
Tgt Ion:149 Resp: 141401

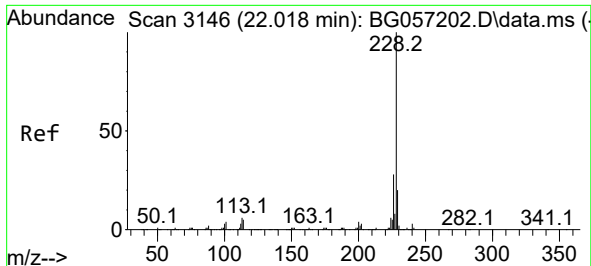
Ion Ratio Lower Upper

149 100

91 70.8 59.7 89.5

206 25.3 19.7 29.5

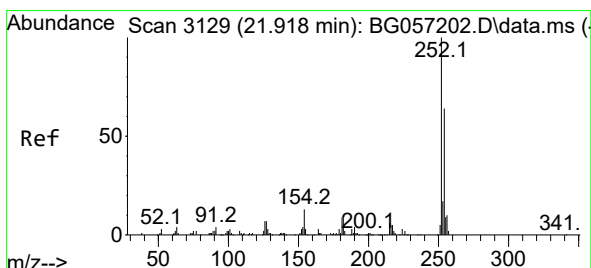
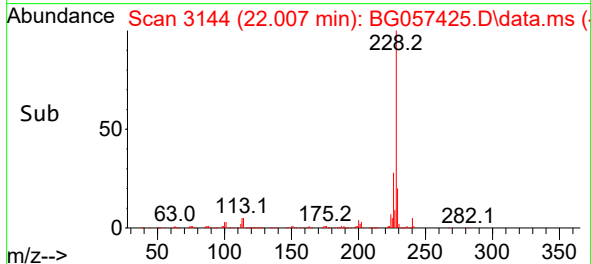
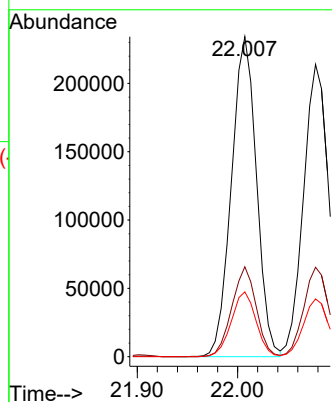
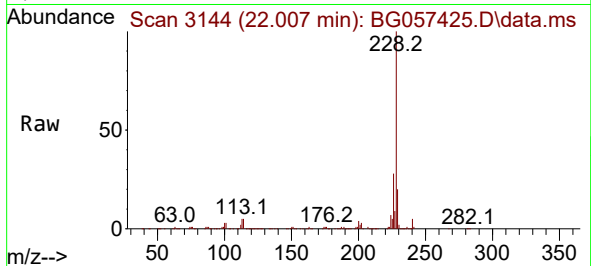




#81
Benzo(a)anthracene
Concen: 45.943 ng
RT: 22.007 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

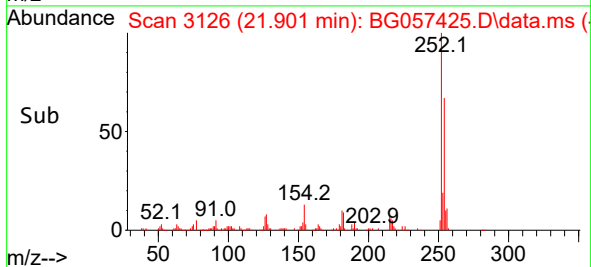
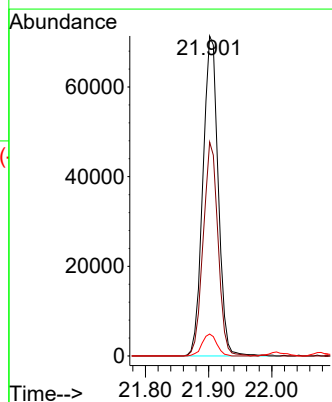
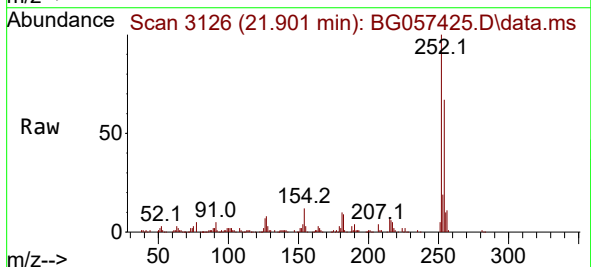
Instrument :
BNA_G
ClientSampleId :
PB152709BS

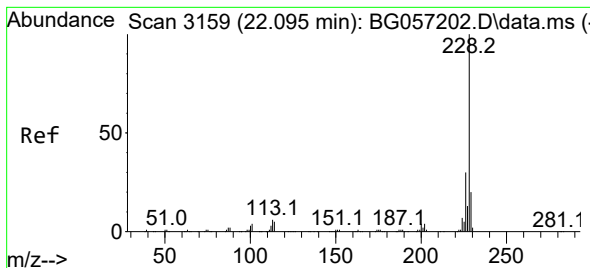
Tgt Ion:228 Resp: 406469
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 20.3 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 42.243 ng
RT: 21.901 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:252 Resp: 119709
Ion Ratio Lower Upper
252 100
254 66.8 51.4 77.0
126 6.9 5.9 8.9





#83

Chrysene

Concen: 44.521 ng

RT: 22.078 min Scan# 3117

Delta R.T. -0.003 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

Instrument :

BNA_G

ClientSampleId :

PB152709BS

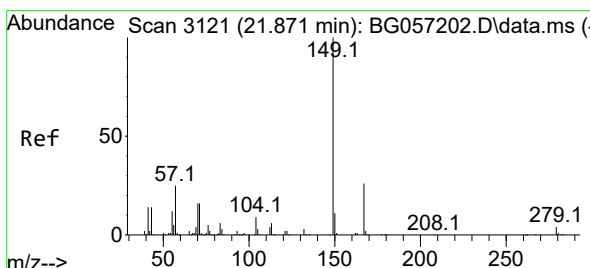
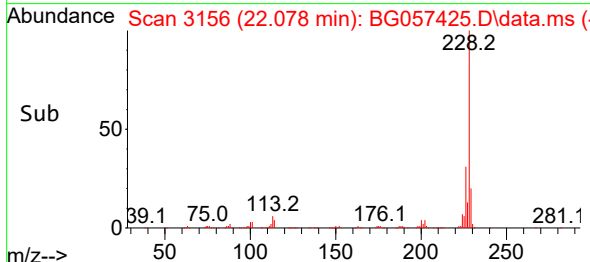
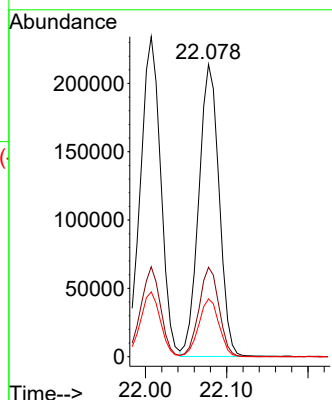
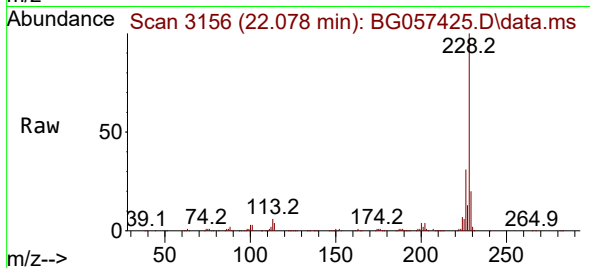
Tgt Ion:228 Resp: 370608

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.560 ng

RT: 21.849 min Scan# 3117

Delta R.T. -0.008 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

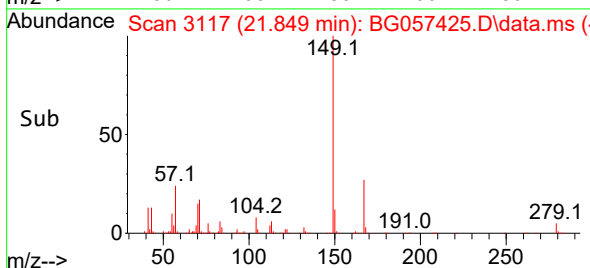
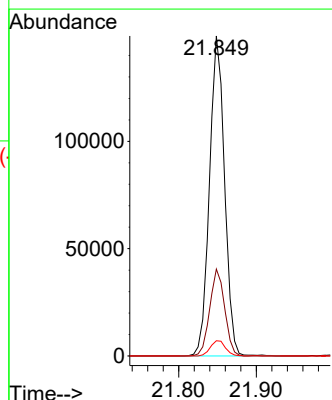
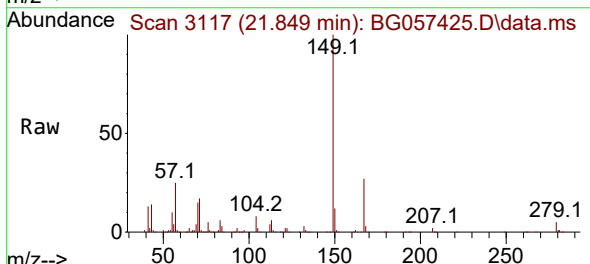
Tgt Ion:149 Resp: 201473

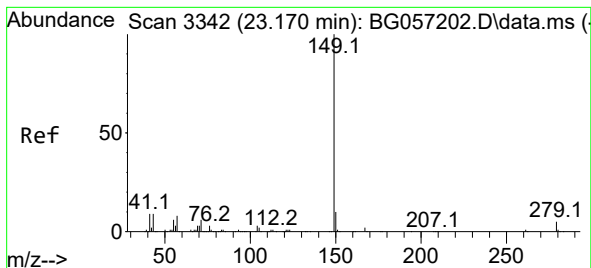
Ion Ratio Lower Upper

149 100

167 27.2 21.2 31.8

279 4.7 3.5 5.3

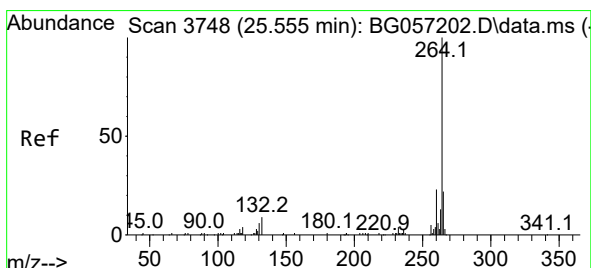
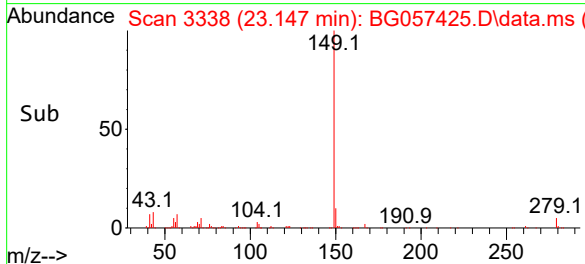
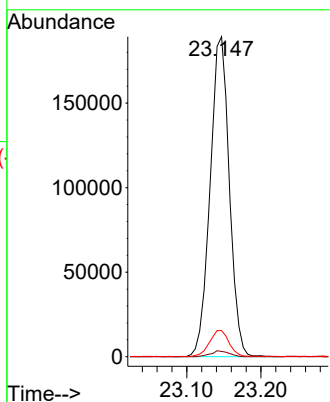
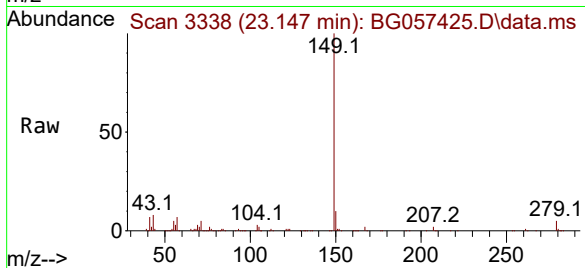




#85
Di-n-octyl phthalate
Concen: 48.111 ng
RT: 23.147 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

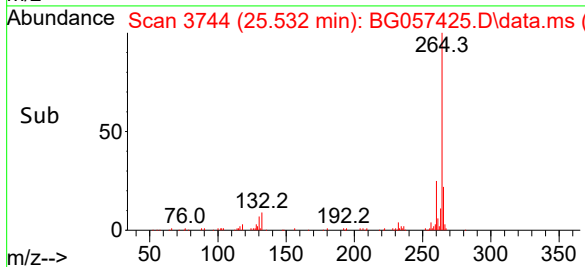
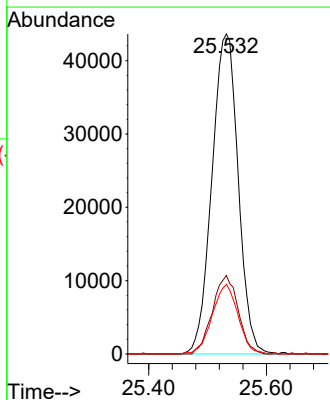
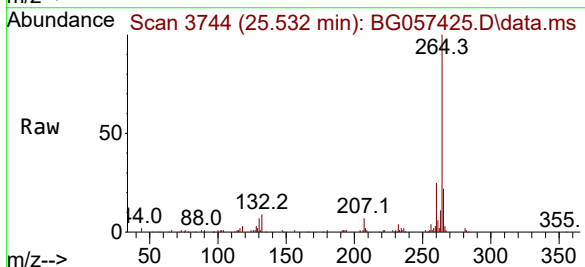
Instrument :
BNA_G
ClientSampleId :
PB152709BS

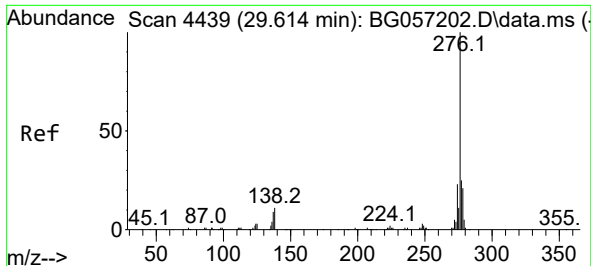
Tgt Ion:149 Resp: 339770
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.5 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.532 min Scan# 3744
Delta R.T. -0.003 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:264 Resp: 135062
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 21.8 17.9 26.9

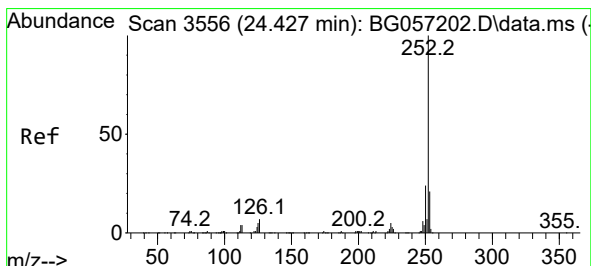
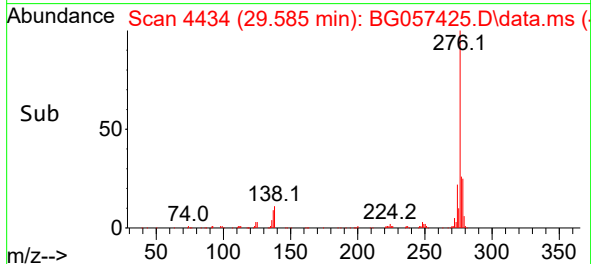
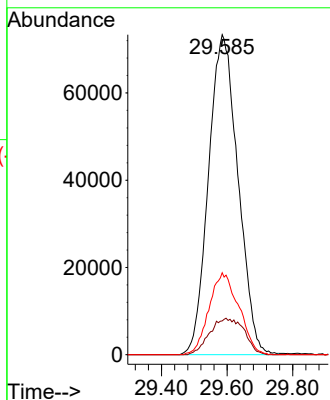
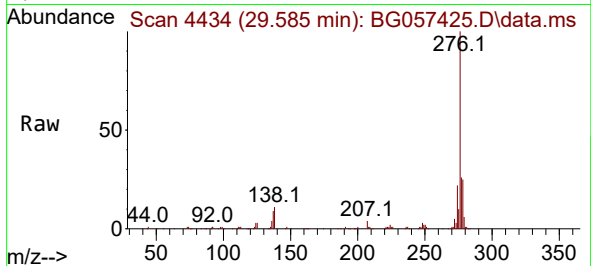




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.502 ng
 RT: 29.585 min Scan# 4434
 Delta R.T. -0.014 min
 Lab File: BG057425.D
 Acq: 13 May 2023 3:19

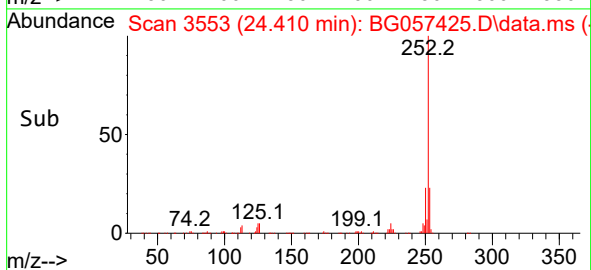
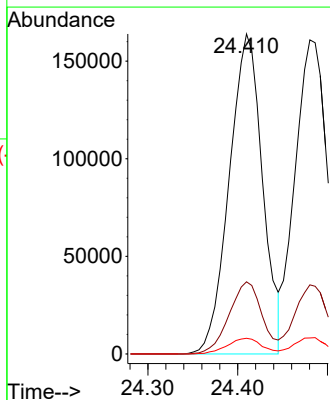
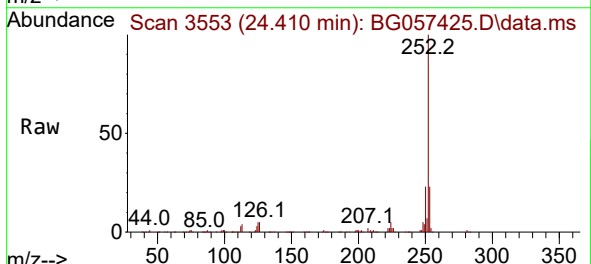
Instrument :
 BNA_G
 ClientSampleId :
 PB152709BS

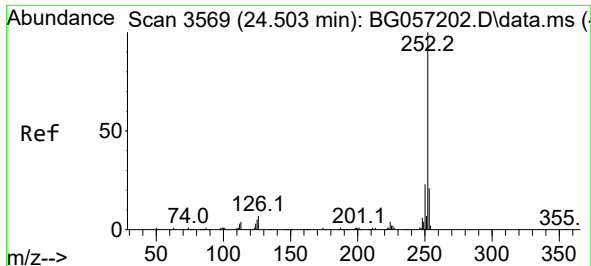
Tgt Ion:276 Resp: 457746
 Ion Ratio Lower Upper
 276 100
 138 13.3 5.4 8.0#
 277 25.8 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 47.790 ng
 RT: 24.410 min Scan# 3553
 Delta R.T. -0.003 min
 Lab File: BG057425.D
 Acq: 13 May 2023 3:19

Tgt Ion:252 Resp: 421937
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.0 25.6
 125 4.9 4.2 6.2

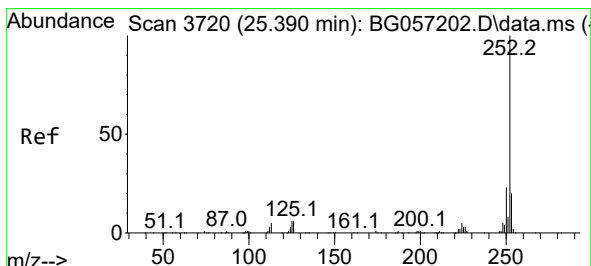
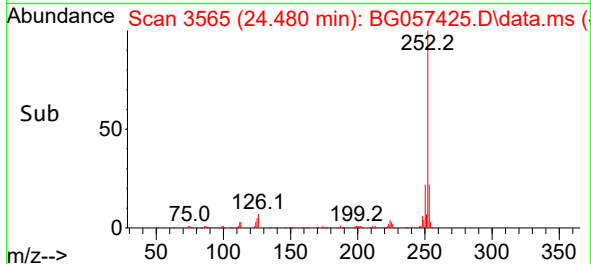
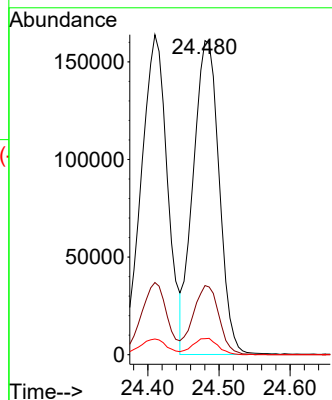
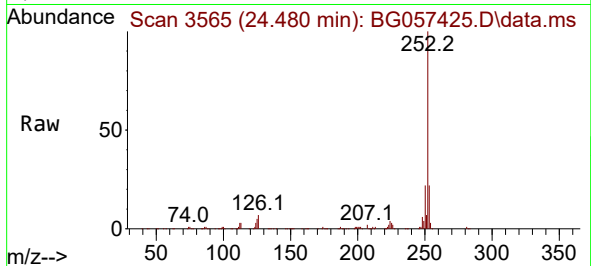




#89
Benzo(k)fluoranthene
Concen: 45.490 ng
RT: 24.480 min Scan# 311
Delta R.T. -0.008 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

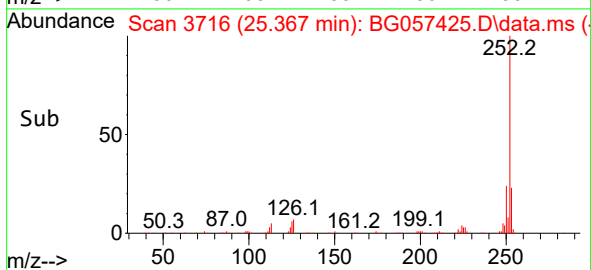
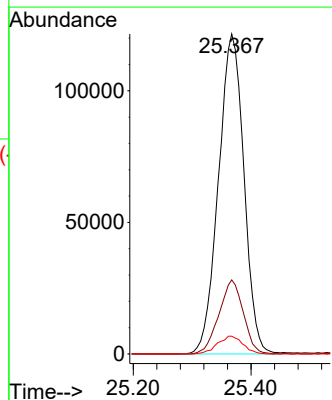
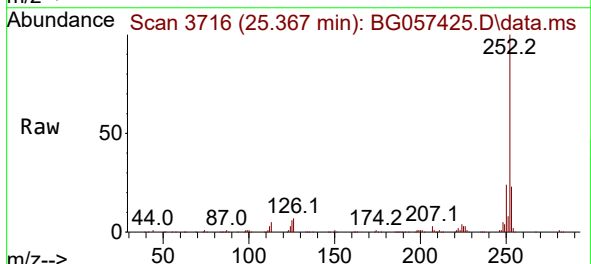
Instrument :
BNA_G
ClientSampleId :
PB152709BS

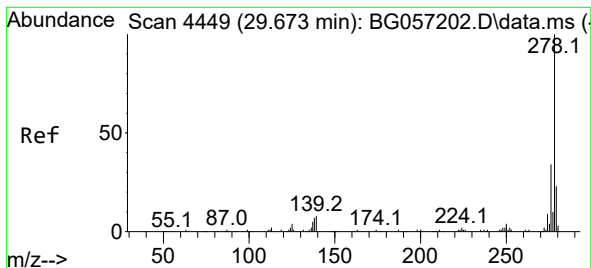
Tgt Ion:252 Resp: 408124
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 5.1 4.1 6.1



#90
Benzo(a)pyrene
Concen: 42.329 ng
RT: 25.367 min Scan# 3716
Delta R.T. -0.008 min
Lab File: BG057425.D
Acq: 13 May 2023 3:19

Tgt Ion:252 Resp: 365111
Ion Ratio Lower Upper
252 100
253 23.1 16.3 24.5
125 5.6 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 46.761 ng

RT: 29.644 min Scan# 4444

Delta R.T. -0.008 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

Instrument :

BNA_G

ClientSampleId :

PB152709BS

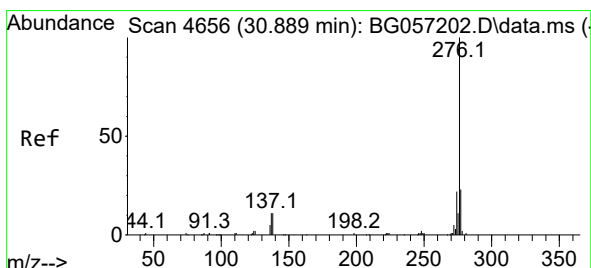
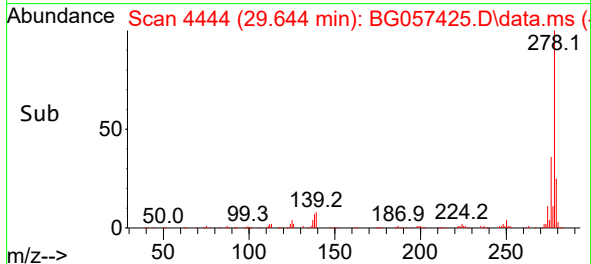
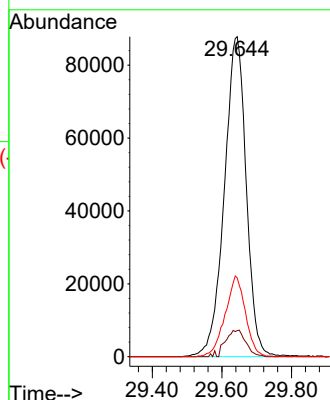
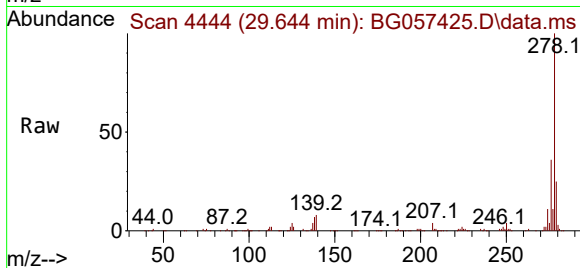
Tgt Ion:278 Resp: 383326

Ion Ratio Lower Upper

278 100

139 8.1 6.2 9.2

279 24.7 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 46.219 ng

RT: 30.866 min Scan# 4652

Delta R.T. -0.008 min

Lab File: BG057425.D

Acq: 13 May 2023 3:19

Tgt Ion:276 Resp: 369952

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 10.7 9.0 13.4

