

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057416.D
 Acq On : 12 May 2023 19:38
 Operator : CG/JU
 Sample : 02747-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-10-12-20230510MS

Quant Time: May 12 22:12:44 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	8.364	152	15742	20.000	ng	0.00
21) Naphthalene-d8	11.207	136	66809	20.000	ng	# 0.00
39) Acenaphthene-d10	14.978	164	53709	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	128775	20.000	ng	0.00
76) Chrysene-d12	22.027	240	115438	20.000	ng	0.00
86) Perylene-d12	25.534	264	126085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	98372	106.896	ng	0.00
7) Phenol-d6	7.506	99	151501	108.413	ng	0.00
23) Nitrobenzene-d5	9.544	82	96173	60.418	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	80857	106.101	ng	0.00
45) 2-Fluorobiphenyl	13.604	172	253938	63.677	ng	0.00
79) Terphenyl-d14	20.289	244	465111	65.752	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.676	88	14220	37.372	ng	# 89
3) Pyridine	4.099	79	39706	32.471	ng	96
4) n-Nitrosodimethylamine	4.011	42	22272	38.758	ng	91
6) Aniline	7.676	93	75172	42.403	ng	99
8) 2-Chlorophenol	7.929	128	51931	53.405	ng	97
9) Benzaldehyde	7.488	77	37684	53.142	ng	99
10) Phenol	7.535	94	72445	53.180	ng	98
11) bis(2-Chloroethyl)ether	7.764	93	45711	44.499	ng	97
12) 1,3-Dichlorobenzene	8.252	146	52625	49.034	ng	99
13) 1,4-Dichlorobenzene	8.399	146	53093	49.250	ng	95
14) 1,2-Dichlorobenzene	8.728	146	52118	50.079	ng	96
15) Benzyl Alcohol	8.599	79	58103	49.909	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.886	45	57651	44.528	ng	99
17) 2-Methylphenol	8.804	107	49408	50.314	ng	97
18) Hexachloroethane	9.462	117	18785	48.286	ng	97
19) n-Nitroso-di-n-propyla...	9.168	70	46821	43.940	ng	97
20) 3+4-Methylphenols	9.133	107	69786	51.900	ng	94
22) Acetophenone	9.192	105	86203	45.081	ng	# 96
24) Nitrobenzene	9.585	77	67171	41.808	ng	93
25) Isophorone	10.108	82	131630	42.645	ng	97
26) 2-Nitrophenol	10.302	139	31349	50.976	ng	97
27) 2,4-Dimethylphenol	10.349	122	54330	50.453	ng	100
28) bis(2-Chloroethoxy)met...	10.578	93	70308	45.467	ng	98
29) 2,4-Dichlorophenol	10.843	162	62152	54.418	ng	95
30) 1,2,4-Trichlorobenzene	11.060	180	61923	47.006	ng	93
31) Naphthalene	11.254	128	165889	46.446	ng	98
32) Benzoic acid	10.502	122	31236	50.077	ng	100
33) 4-Chloroaniline	11.354	127	52825	32.934	ng	97
34) Hexachlorobutadiene	11.524	225	44884	45.918	ng	98
35) Caprolactam	12.129	113	9947	25.496	ng	94
36) 4-Chloro-3-methylphenol	12.458	107	68731	52.954	ng	99
37) 2-Methylnaphthalene	12.828	142	130796	46.576	ng	95
38) 1-Methylnaphthalene	13.045	142	122695	46.354	ng	99
40) 1,2,4,5-Tetrachloroben...	13.192	216	92333	48.425	ng	99
41) Hexachlorocyclopentadiene	13.163	237	80387	87.104	ng	99
43) 2,4,6-Trichlorophenol	13.427	196	60340	51.944	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057416.D
 Acq On : 12 May 2023 19:38
 Operator : CG/JU
 Sample : 02747-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-10-12-20230510MS

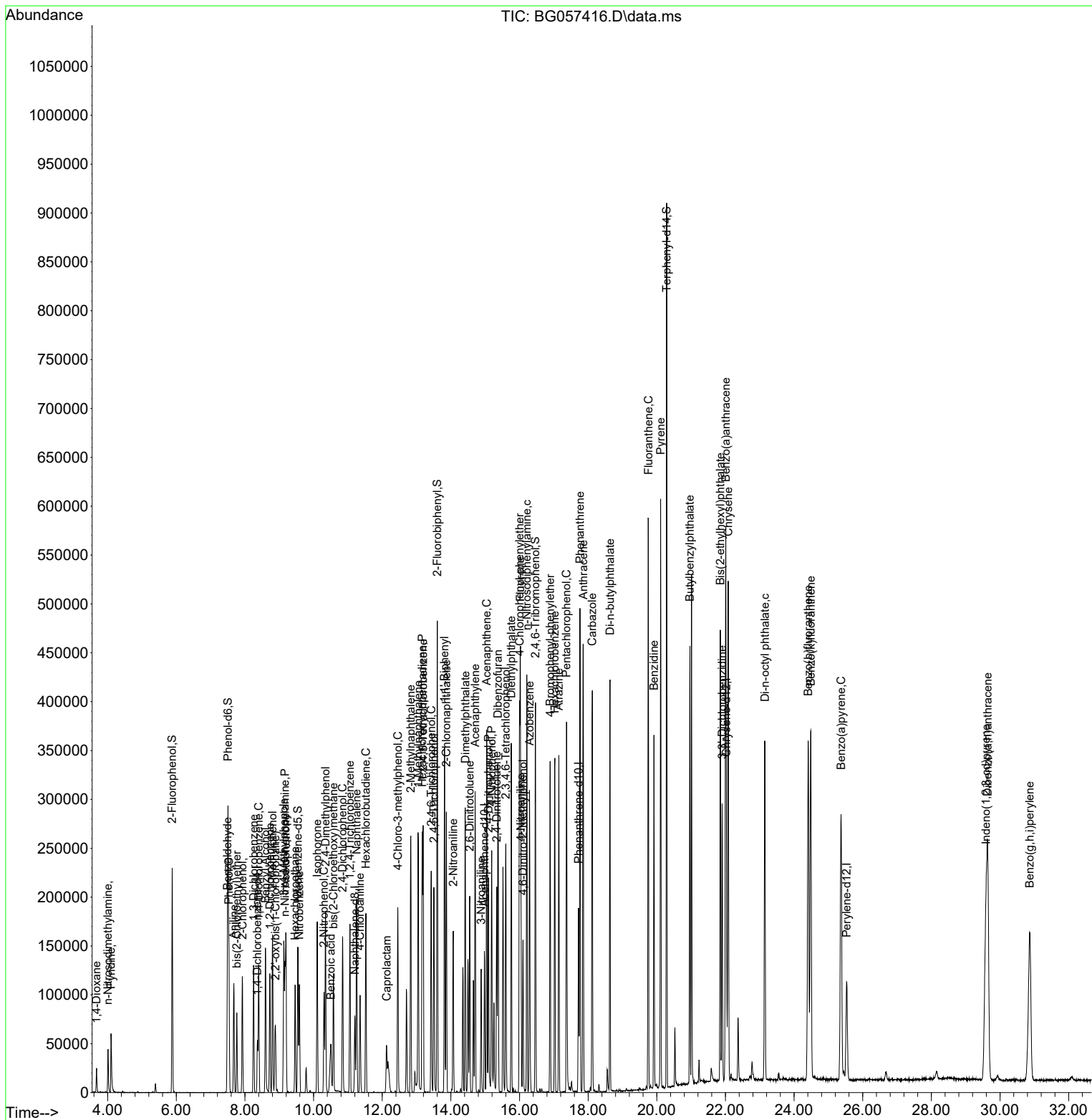
Quant Time: May 12 22:12:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

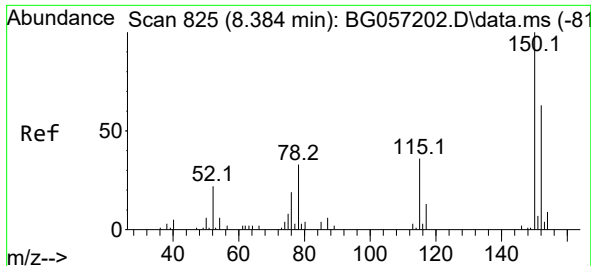
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.504	196	66099	48.374	ng	99
46) 1,1'-Biphenyl	13.815	154	189999	47.674	ng	98
47) 2-Chloronaphthalene	13.868	162	145845	49.211	ng	99
48) 2-Nitroaniline	14.068	65	47201	46.841	ng	96
49) Acenaphthylene	14.708	152	228878	47.536	ng	99
50) Dimethylphthalate	14.420	163	198459	44.966	ng	99
51) 2,6-Dinitrotoluene	14.549	165	44145	48.988	ng	90
52) Acenaphthene	15.043	154	139959	46.519	ng	99
53) 3-Nitroaniline	14.884	138	31627	35.033	ng	91
54) 2,4-Dinitrophenol	15.096	184	57383	101.423	ng	98
55) Dibenzofuran	15.372	168	237397	46.962	ng	99
56) 4-Nitrophenol	15.190	139	61198	101.923	ng	93
57) 2,4-Dinitrotoluene	15.336	165	63233	49.099	ng	96
58) Fluorene	16.024	166	192717	46.283	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.601	232	62012	50.057	ng	99
60) Diethylphthalate	15.759	149	198541	44.296	ng	99
61) 4-Chlorophenyl-phenyle...	16.000	204	115706	46.127	ng	97
62) 4-Nitroaniline	16.041	138	42930	47.137	ng	97
63) Azobenzene	16.294	77	188805	43.658	ng	97
65) 4,6-Dinitro-2-methylph...	16.100	198	43764	56.922	ng	98
66) n-Nitrosodiphenylamine	16.212	169	172129	49.214	ng	99
67) 4-Bromophenyl-phenylether	16.893	248	76685	48.781	ng	97
68) Hexachlorobenzene	17.028	284	81710	53.487	ng	94
69) Atrazine	17.146	200	74985	56.202	ng	99
70) Pentachlorophenol	17.369	266	81844	92.961	ng	98
71) Phenanthrene	17.763	178	319687	48.447	ng	99
72) Anthracene	17.857	178	324058	47.861	ng	99
73) Carbazole	18.121	167	281658	49.413	ng	99
74) Di-n-butylphthalate	18.638	149	314654	47.978	ng	98
75) Fluoranthene	19.754	202	389561	47.467	ng	99
77) Benzidine	19.919	184	212049	82.165	ng	99
78) Pyrene	20.112	202	391728	46.699	ng	98
80) Butylbenzylphthalate	20.964	149	138142	51.902	ng	96
81) Benzo(a)anthracene	22.010	228	396095	48.160	ng	99
82) 3,3'-Dichlorobenzidine	21.904	252	114736	43.554	ng	99
83) Chrysene	22.080	228	362358	46.826	ng	99
84) Bis(2-ethylhexyl)phtha...	21.851	149	194527	49.398	ng	98
85) Di-n-octyl phthalate	23.149	149	329475	50.186	ng	97
87) Indeno(1,2,3-cd)pyrene	29.594	276	444152	48.334	ng	# 99
88) Benzo(b)fluoranthene	24.412	252	402992	48.894	ng	99
89) Benzo(k)fluoranthene	24.489	252	389401	46.493	ng	99
90) Benzo(a)pyrene	25.370	252	353540	43.906	ng	# 97
91) Dibenzo(a,h)anthracene	29.641	278	368202	48.114	ng	98
92) Benzo(g,h,i)perylene	30.863	276	357048	47.783	ng	99

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

Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

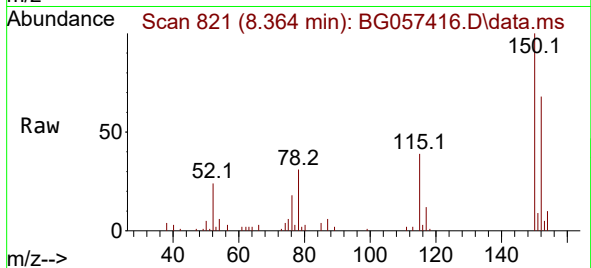
Quant Time: May 12 22:12:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration



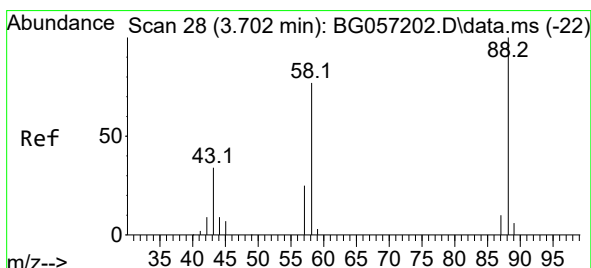
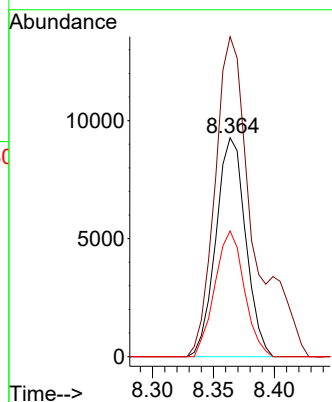
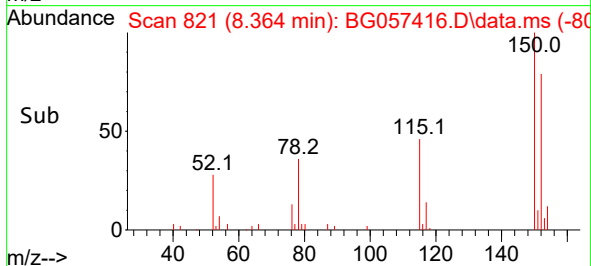


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.364 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

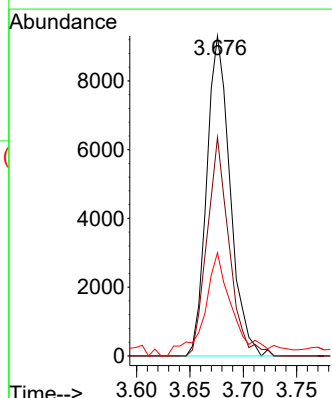
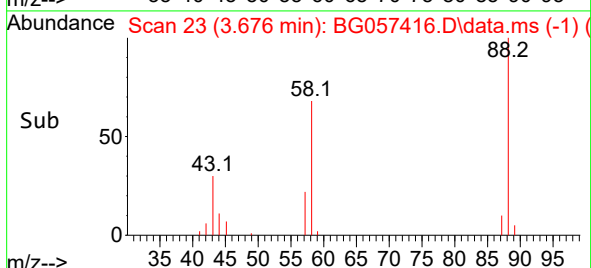
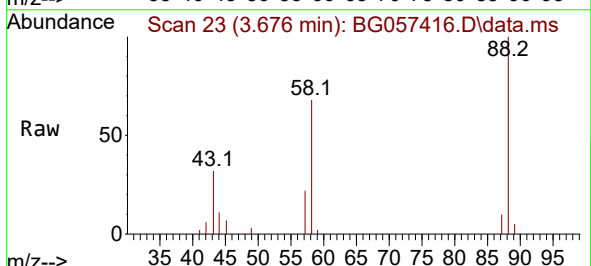


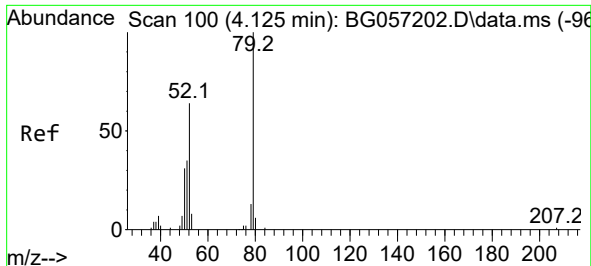
Tgt Ion:152 Resp: 15742
Ion Ratio Lower Upper
152 100
150 146.2 126.2 189.4
115 57.5 45.0 67.4



#2
1,4-Dioxane
Concen: 37.372 ng
RT: 3.676 min Scan# 23
Delta R.T. -0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion: 88 Resp: 14220
Ion Ratio Lower Upper
88 100
58 64.6 57.1 85.7
43 40.4 24.4 36.6#





#3

Pyridine

Concen: 32.471 ng

RT: 4.099 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS

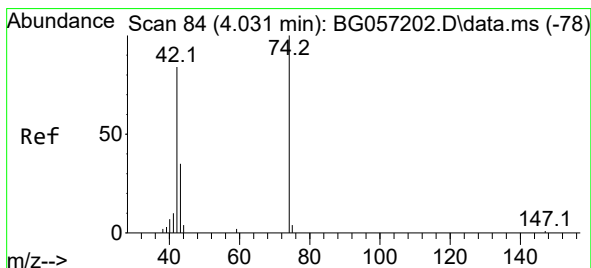
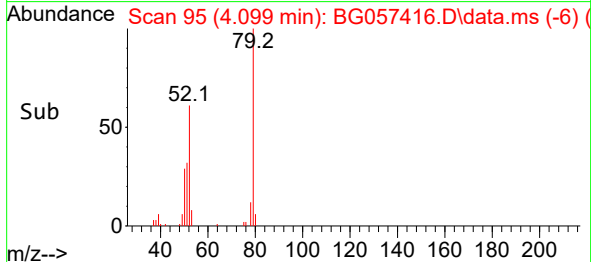
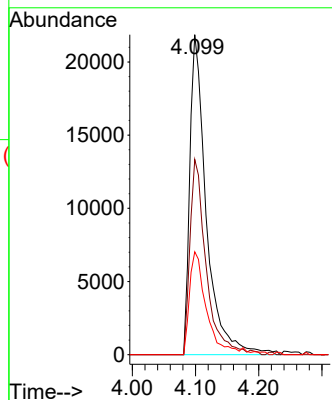
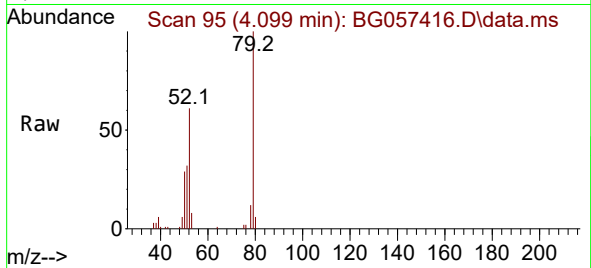
Tgt Ion: 79 Resp: 39706

Ion Ratio Lower Upper

79 100

52 61.0 51.4 77.0

51 32.2 28.0 42.0



#4

n-Nitrosodimethylamine

Concen: 38.758 ng

RT: 4.011 min Scan# 80

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

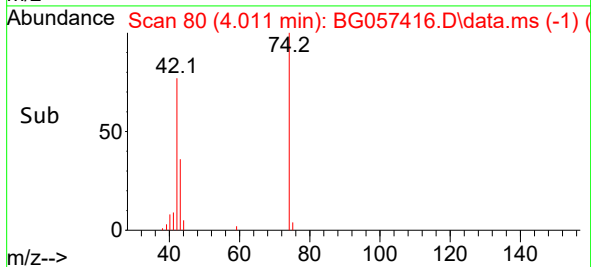
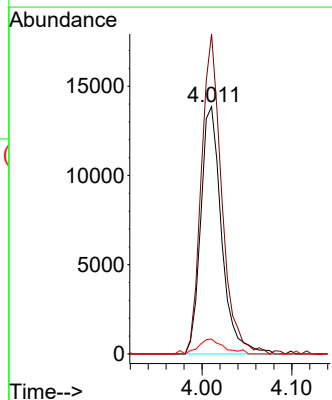
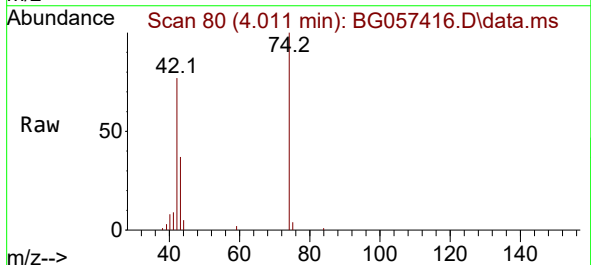
Tgt Ion: 42 Resp: 22272

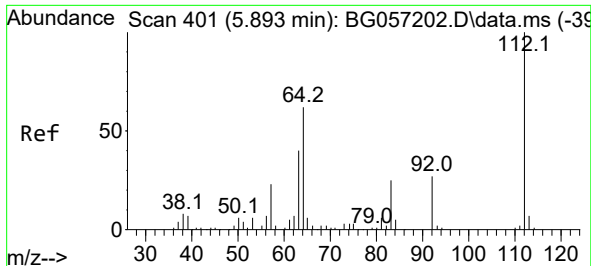
Ion Ratio Lower Upper

42 100

74 129.4 95.1 142.7

44 6.0 5.8 8.8

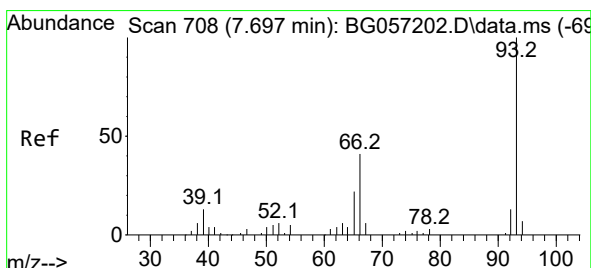
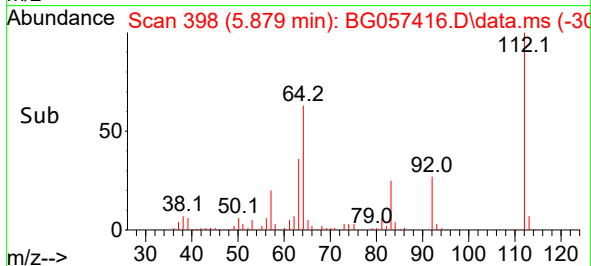
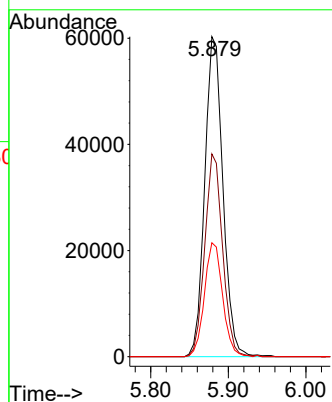
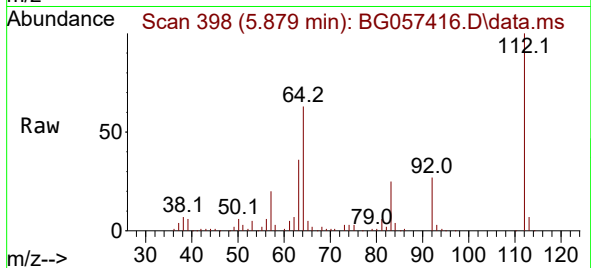




#5
2-Fluorophenol
Concen: 106.896 ng
RT: 5.879 min Scan# 398
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

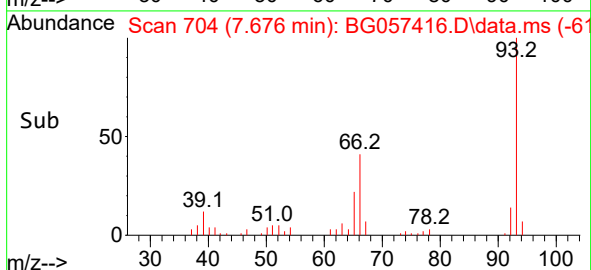
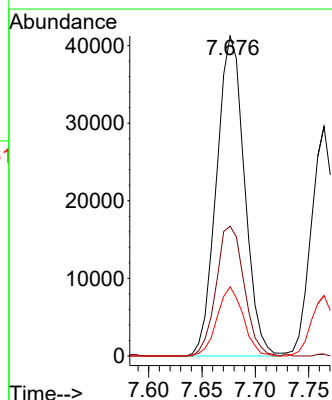
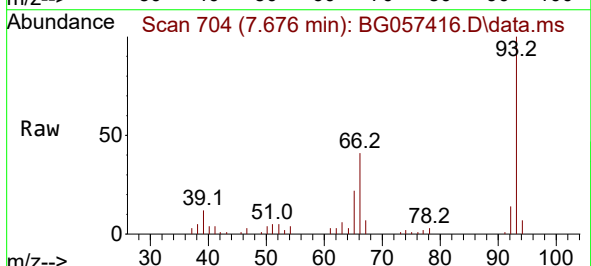
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

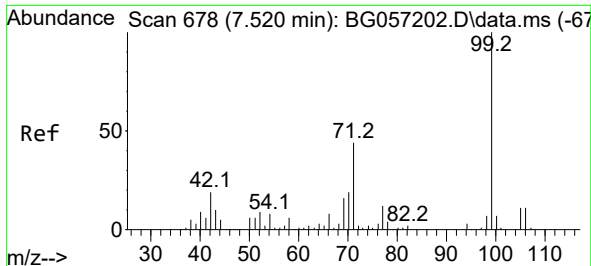
Tgt Ion:112 Resp: 98372
Ion Ratio Lower Upper
112 100
64 63.4 49.4 74.2
63 35.6 31.6 47.4



#6
Aniline
Concen: 42.403 ng
RT: 7.676 min Scan# 704
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion: 93 Resp: 75172
Ion Ratio Lower Upper
93 100
66 40.6 33.0 49.6
65 21.6 18.0 27.0

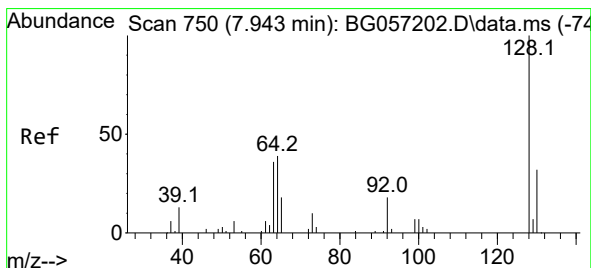
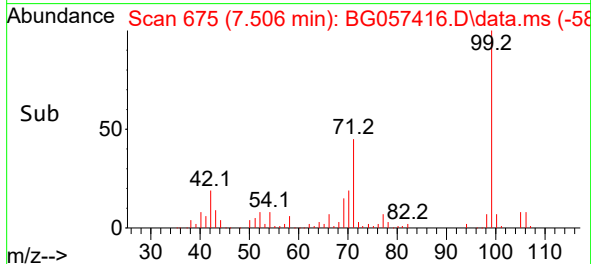
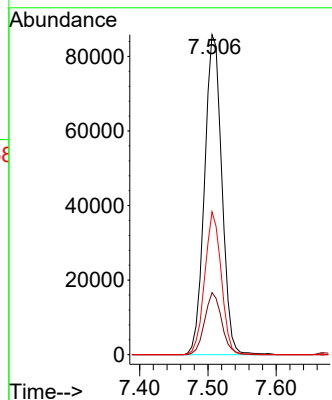
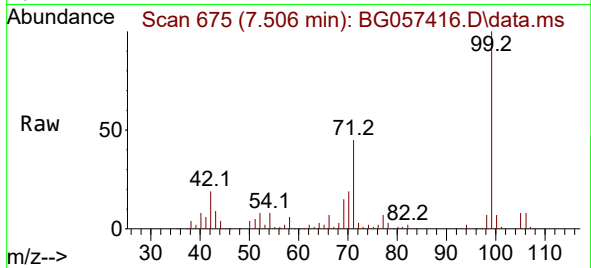




#7
Phenol-d6
Concen: 108.413 ng
RT: 7.506 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

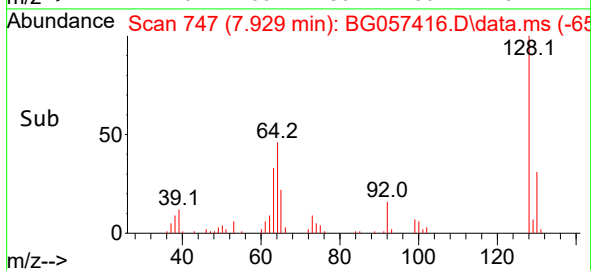
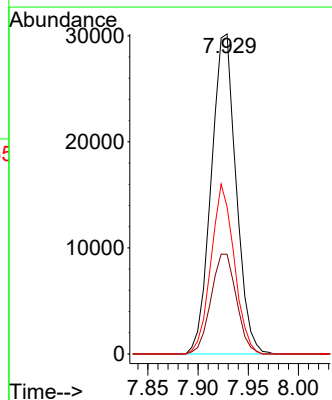
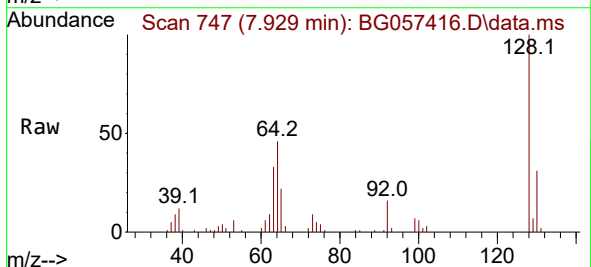
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

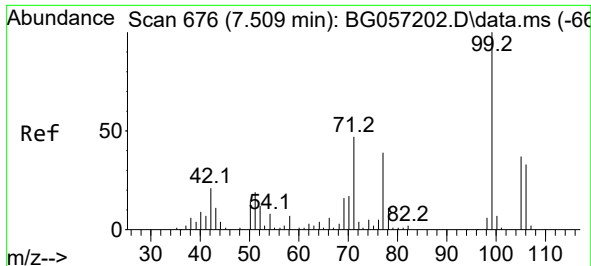
Tgt Ion: 99 Resp: 151501
Ion Ratio Lower Upper
99 100
42 19.4 15.1 22.7
71 44.7 35.2 52.8



#8
2-Chlorophenol
Concen: 53.405 ng
RT: 7.929 min Scan# 747
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion: 128 Resp: 51931
Ion Ratio Lower Upper
128 100
130 31.2 12.2 52.2
64 46.0 28.4 68.4

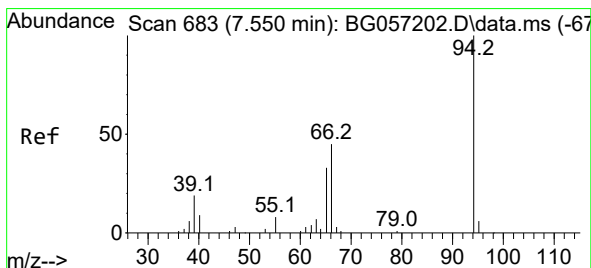
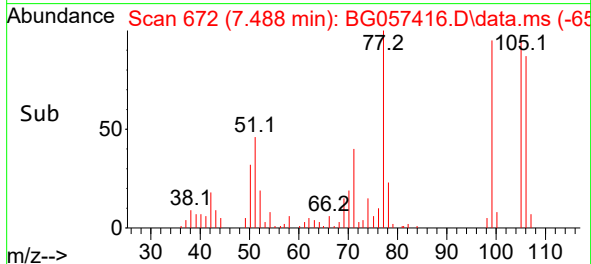
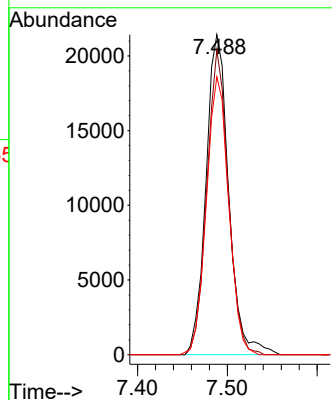
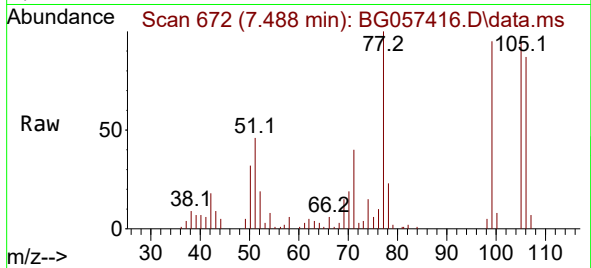




#9
Benzaldehyde
Concen: 53.142 ng
RT: 7.488 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

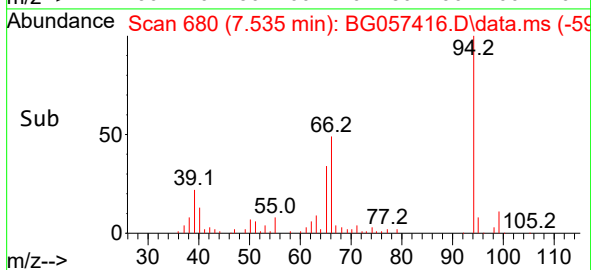
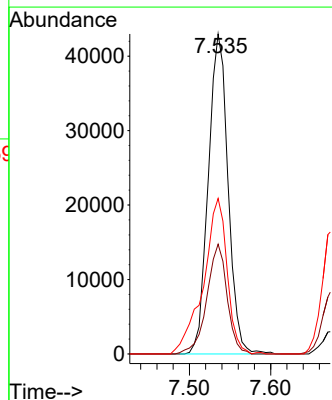
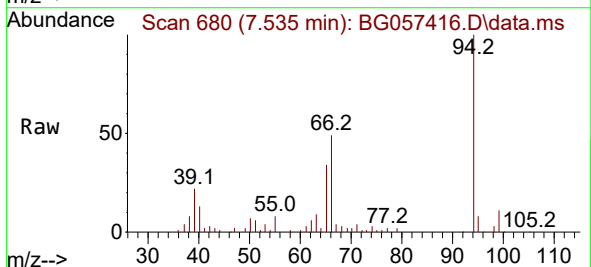
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

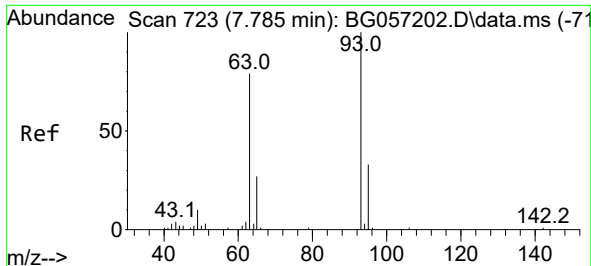
Tgt Ion: 77 Resp: 37684
Ion Ratio Lower Upper
77 100
105 95.2 74.6 114.6
106 86.9 66.3 106.3



#10
Phenol
Concen: 53.180 ng
RT: 7.535 min Scan# 680
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion: 94 Resp: 72445
Ion Ratio Lower Upper
94 100
65 34.3 13.5 53.5
66 48.6 26.7 66.7

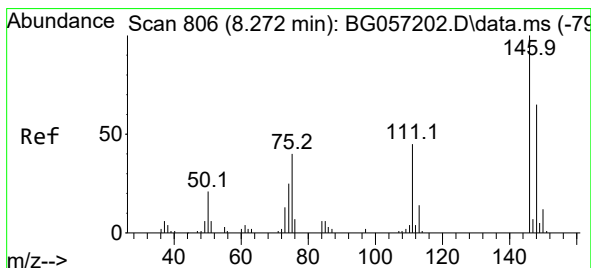
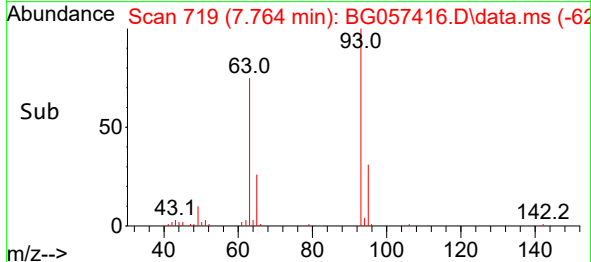
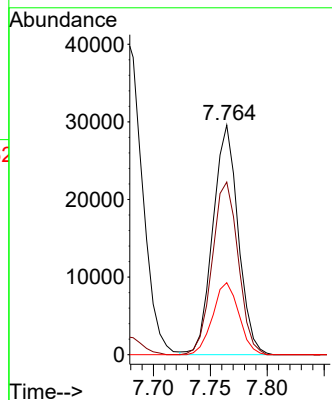
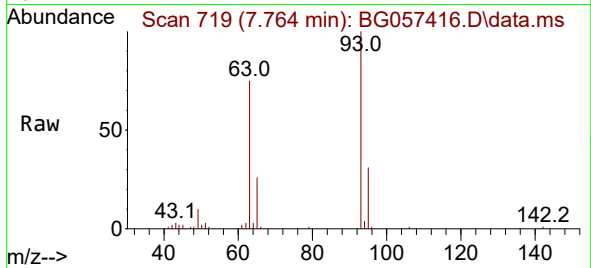




#11
bis(2-Chloroethyl)ether
Concen: 44.499 ng
RT: 7.764 min Scan# 719
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

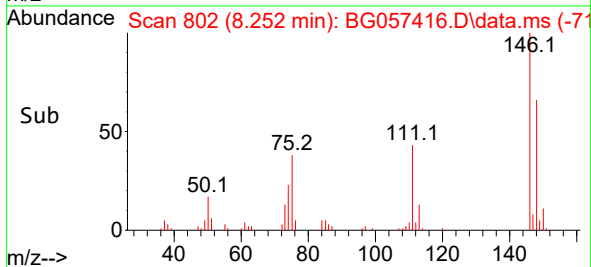
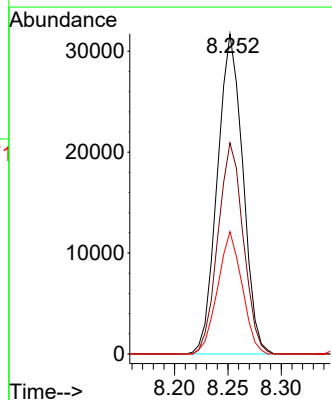
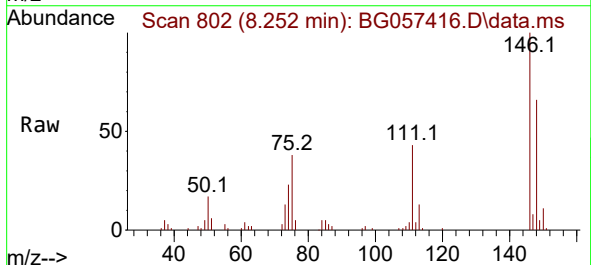
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

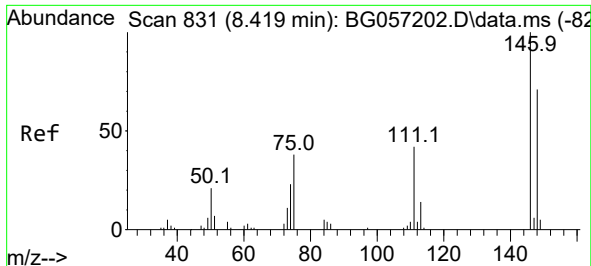
Tgt Ion: 93 Resp: 45711
Ion Ratio Lower Upper
93 100
63 75.2 58.6 98.6
95 31.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 49.034 ng
RT: 8.252 min Scan# 802
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion: 146 Resp: 52625
Ion Ratio Lower Upper
146 100
148 66.0 52.2 78.2
75 38.2 31.7 47.5

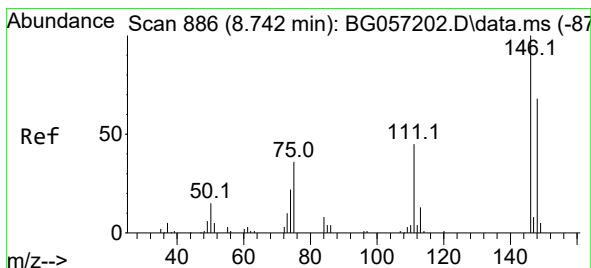
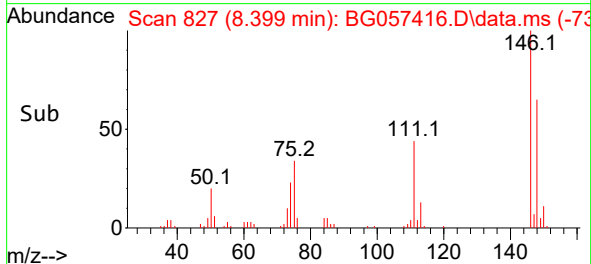
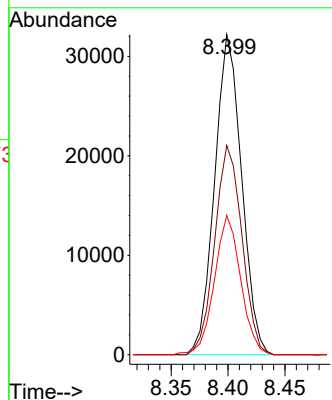
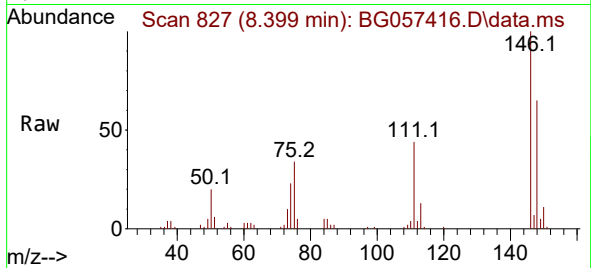




#13
1,4-Dichlorobenzene
Concen: 49.250 ng
RT: 8.399 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

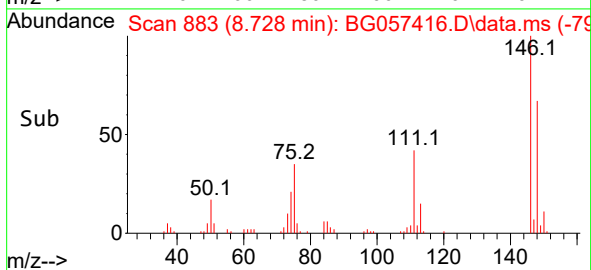
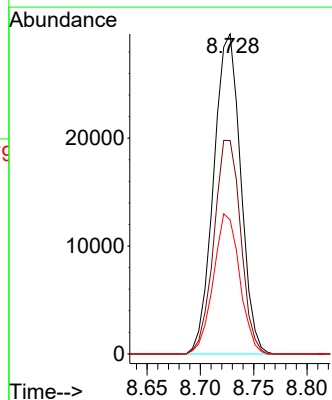
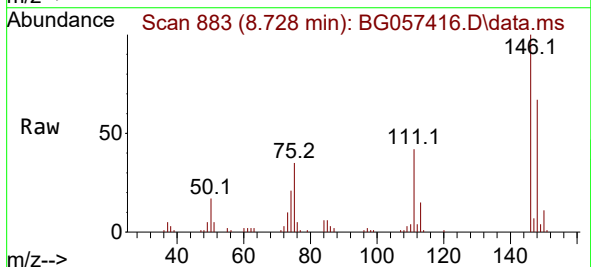
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

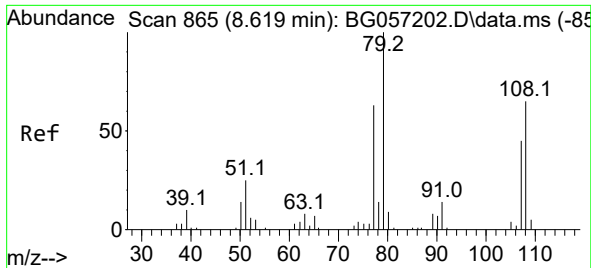
Tgt Ion:146 Resp: 53093
Ion Ratio Lower Upper
146 100
148 65.4 56.4 84.6
111 43.5 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 50.079 ng
RT: 8.728 min Scan# 883
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:146 Resp: 52118
Ion Ratio Lower Upper
146 100
148 66.7 54.6 82.0
111 41.9 37.2 55.8

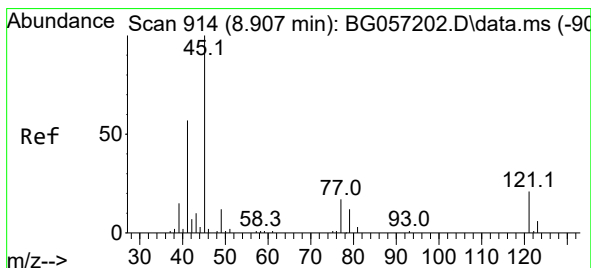
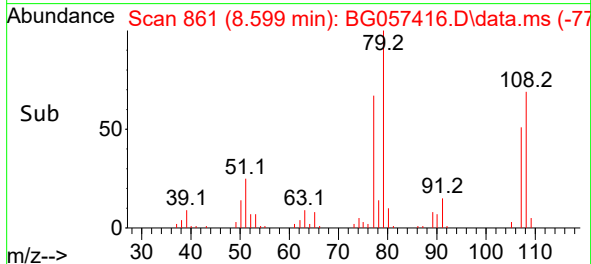
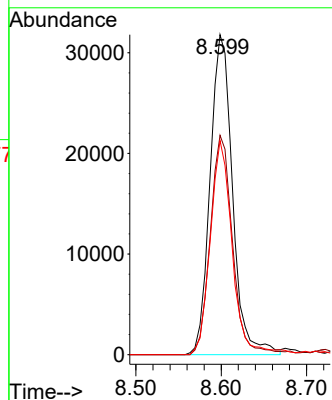
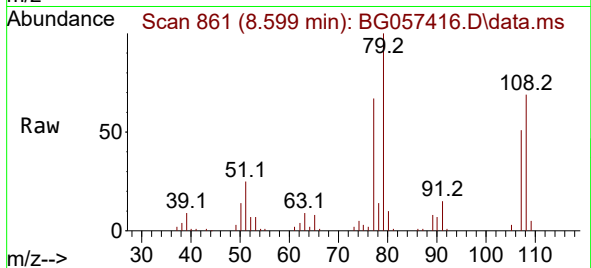




#15
Benzyl Alcohol
Concen: 49.909 ng
RT: 8.599 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

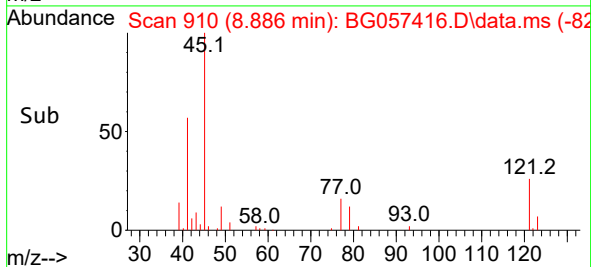
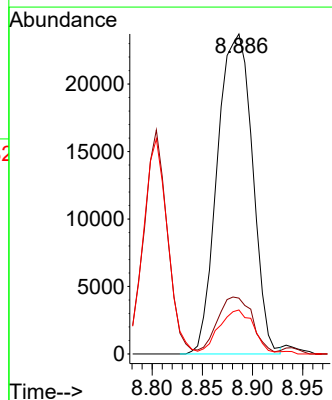
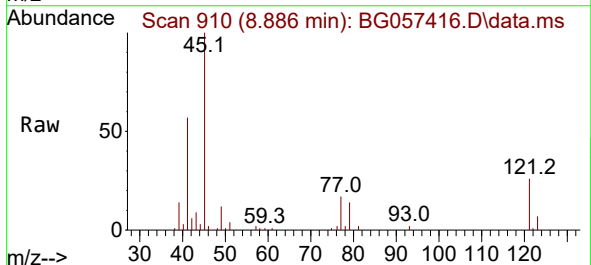
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

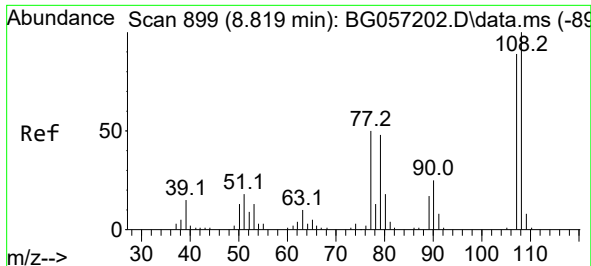
Tgt Ion: 79 Resp: 58103
Ion Ratio Lower Upper
79 100
108 68.5 52.2 78.2
77 66.9 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.528 ng
RT: 8.886 min Scan# 910
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion: 45 Resp: 57651
Ion Ratio Lower Upper
45 100
77 17.5 0.0 38.5
79 13.8 0.0 33.8

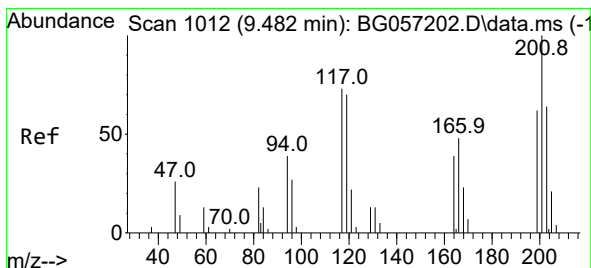
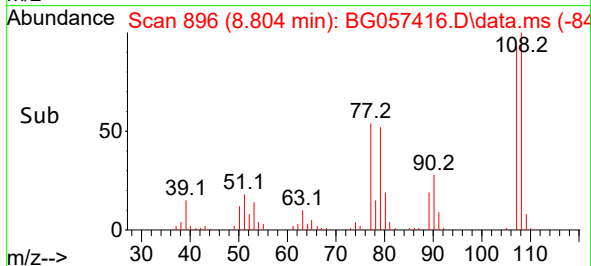
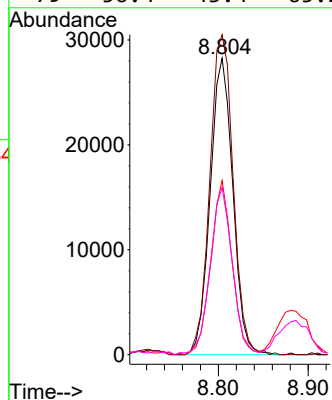
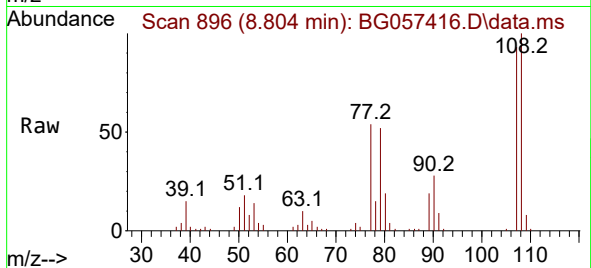




#17
2-Methylphenol
Concen: 50.314 ng
RT: 8.804 min Scan# 899
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

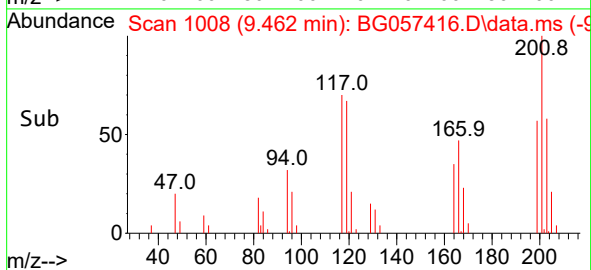
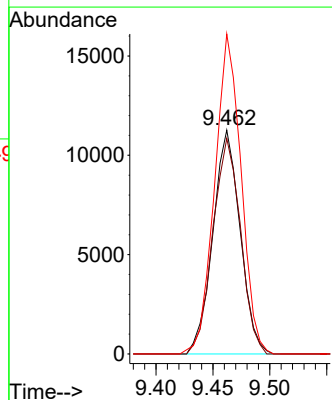
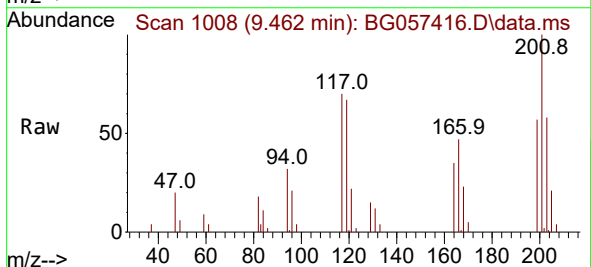
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

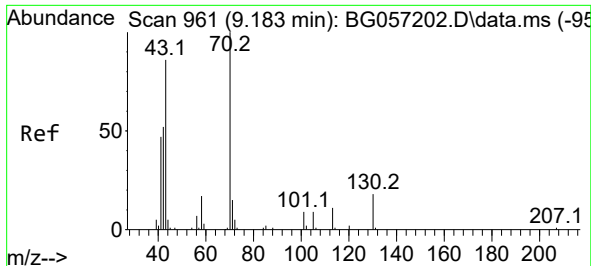
Tgt Ion:	107	Resp:	49408
Ion	Ratio	Lower	Upper
107	100		
108	107.9	89.5	134.3
77	58.7	45.1	67.7
79	56.4	43.4	65.2



#18
Hexachloroethane
Concen: 48.286 ng
RT: 9.462 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:	117	Resp:	18785
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.7	115.1
201	143.0	109.0	163.4

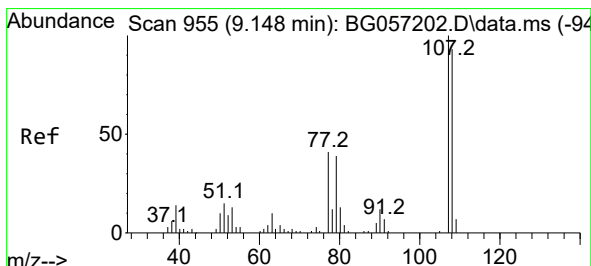
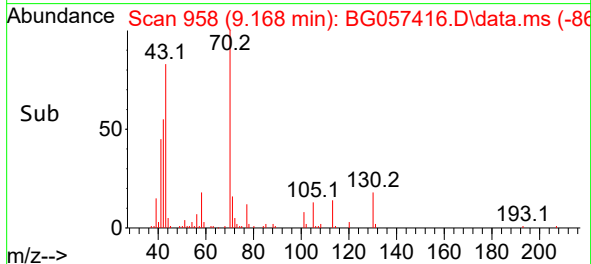
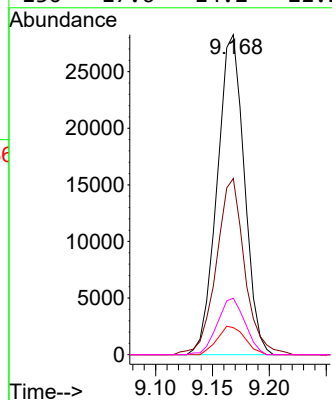
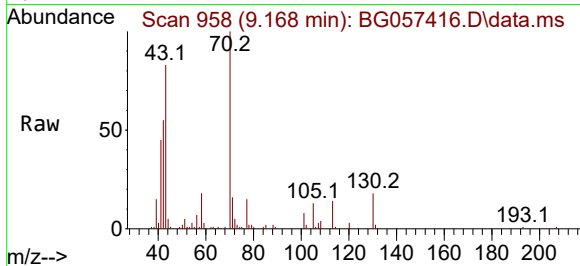




#19
n-Nitroso-di-n-propylamine
Concen: 43.940 ng
RT: 9.168 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

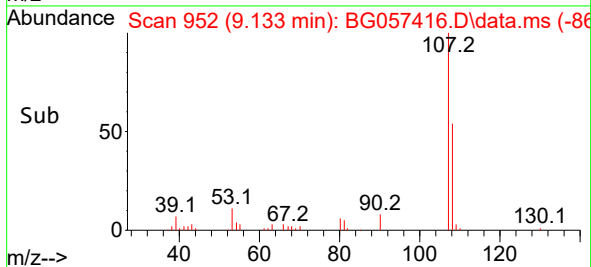
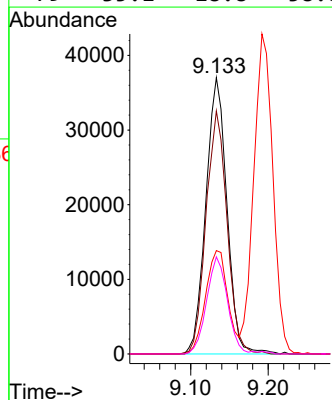
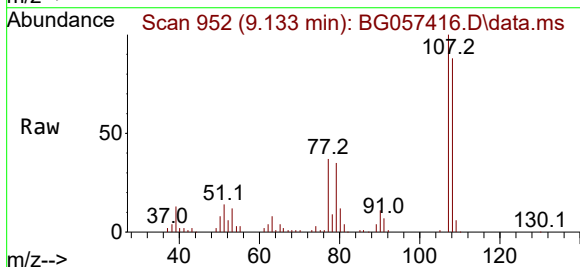
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

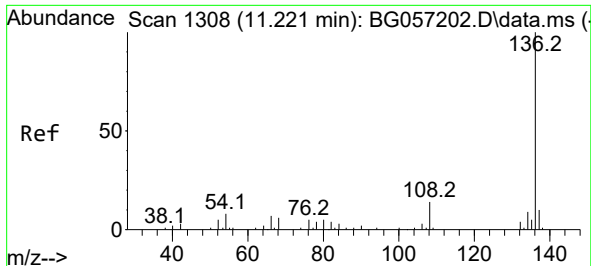
Tgt Ion:	70	Resp:	46821
Ion	Ratio	Lower	Upper
70	100		
42	55.0	41.8	62.8
101	8.4	6.8	10.2
130	17.6	14.2	21.2



#20
3+4-Methylphenols
Concen: 51.900 ng
RT: 9.133 min Scan# 952
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:	107	Resp:	69786
Ion	Ratio	Lower	Upper
107	100		
108	87.9	73.5	113.5
77	37.4	21.1	61.1
79	35.1	18.8	58.8

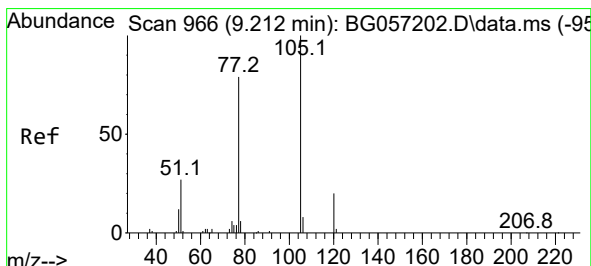
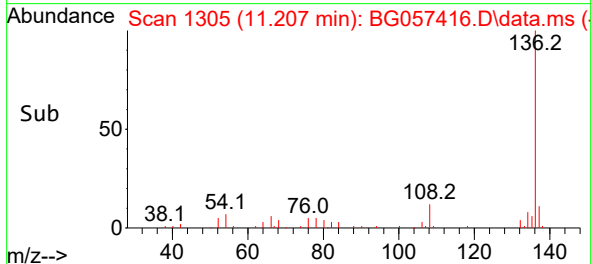
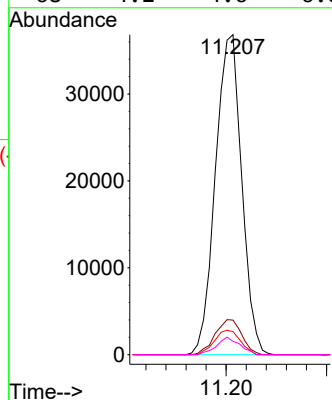
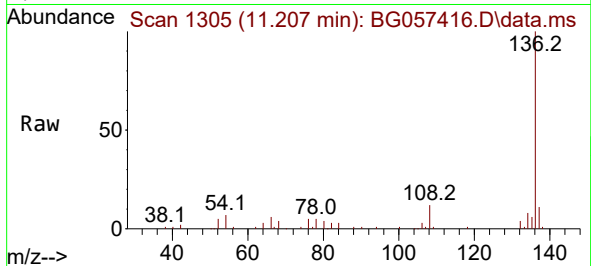




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.207 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

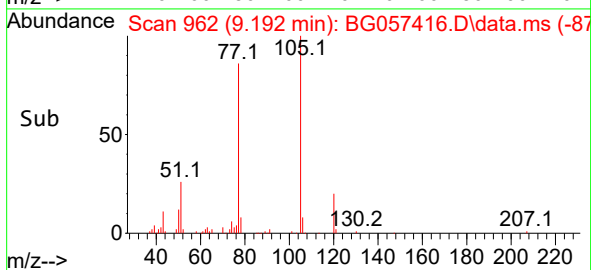
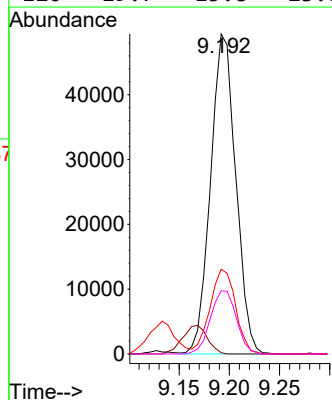
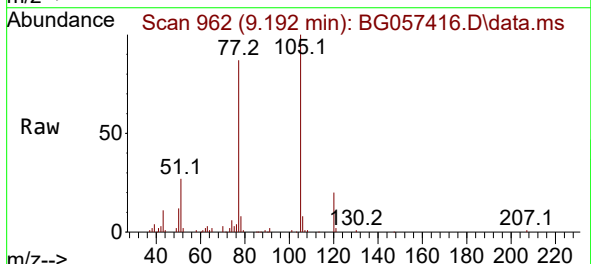
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

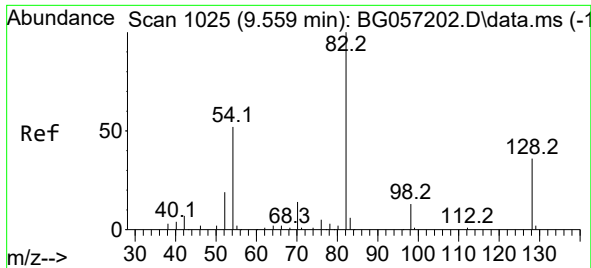
Tgt Ion:136 Resp: 66809
Ion Ratio Lower Upper
136 100
137 10.8 8.3 12.5
54 7.2 6.7 10.1
68 4.2 4.6 6.8#



#22
Acetophenone
Concen: 45.081 ng
RT: 9.192 min Scan# 962
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:105 Resp: 86203
Ion Ratio Lower Upper
105 100
71 0.4 0.4 0.6#
51 26.5 24.0 36.0
120 19.7 15.8 23.8

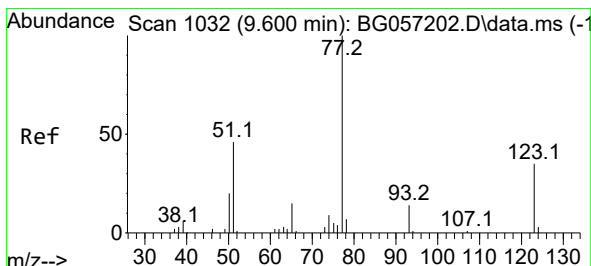
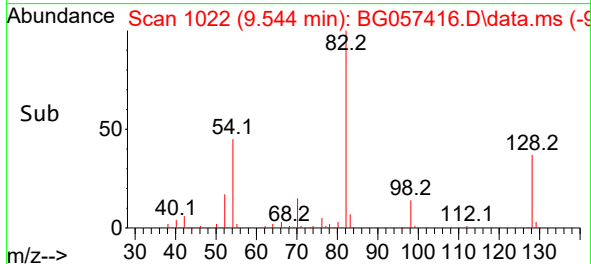
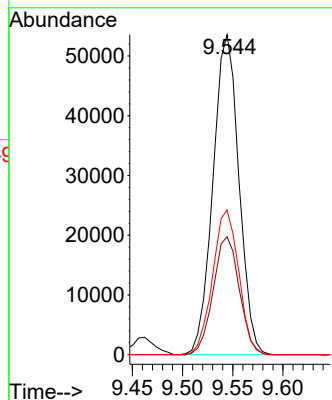
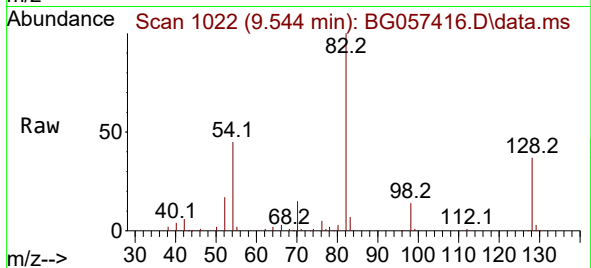




#23
Nitrobenzene-d5
Concen: 60.418 ng
RT: 9.544 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

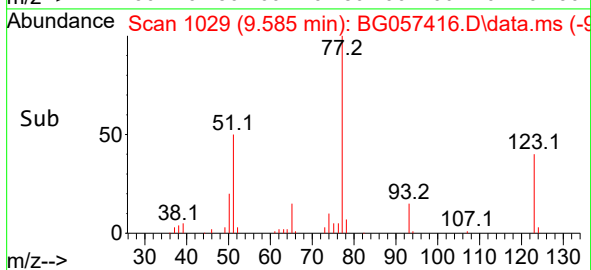
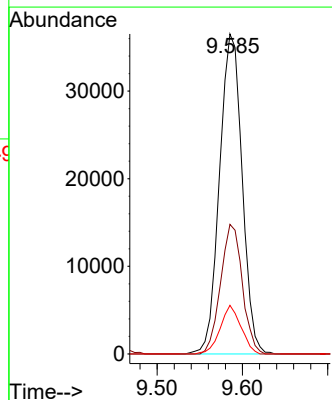
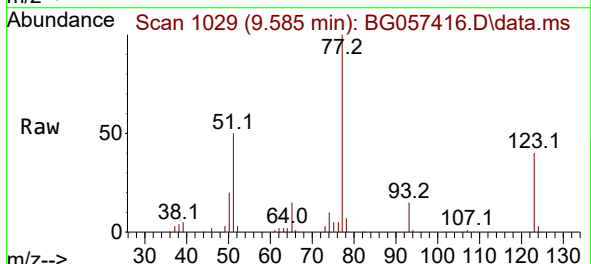
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

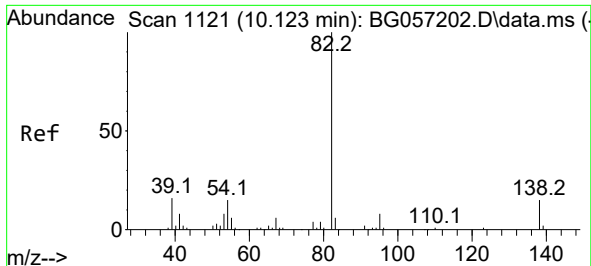
Tgt Ion: 82 Resp: 96173
Ion Ratio Lower Upper
82 100
128 36.9 29.0 43.4
54 45.2 41.4 62.0



#24
Nitrobenzene
Concen: 41.808 ng
RT: 9.585 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion: 77 Resp: 67171
Ion Ratio Lower Upper
77 100
123 40.5 28.2 42.2
65 15.2 11.7 17.5

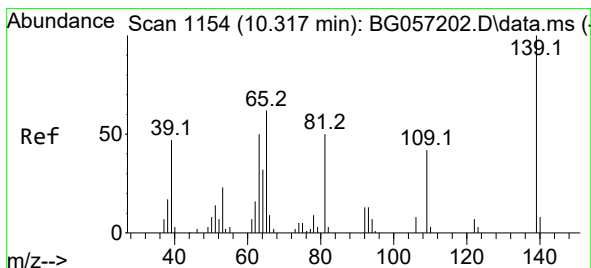
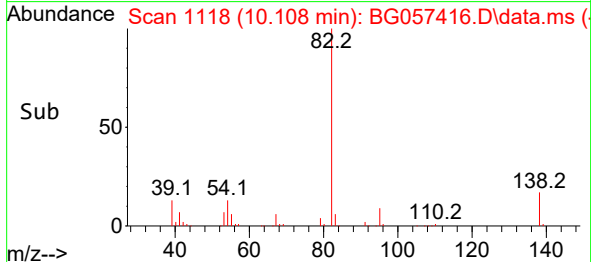
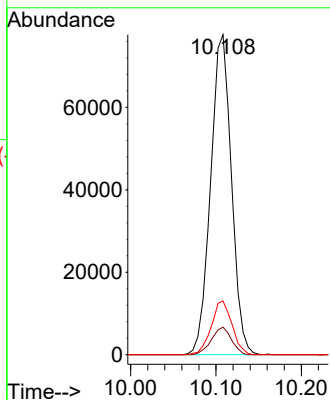
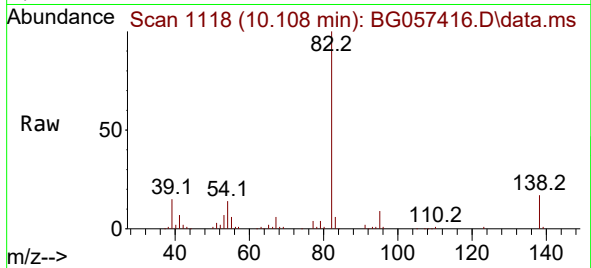




#25
Isophorone
Concen: 42.645 ng
RT: 10.108 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

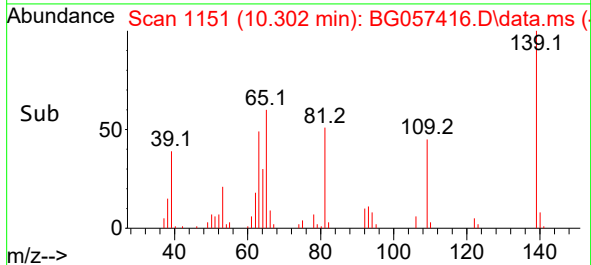
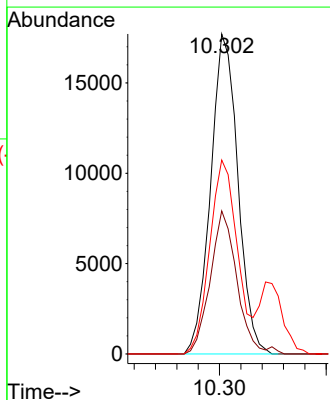
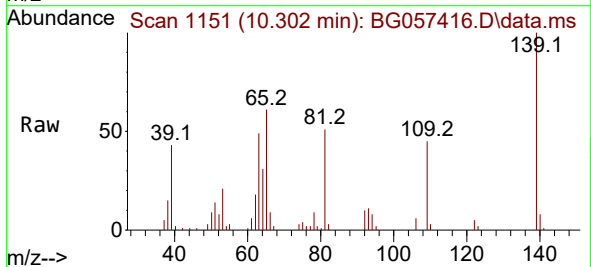
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

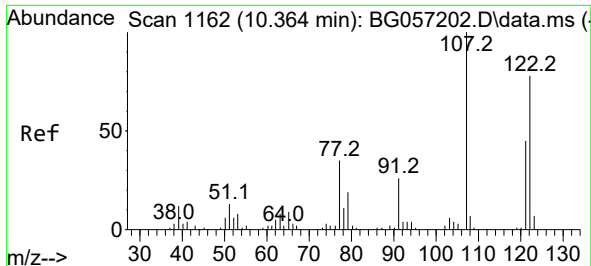
Tgt Ion: 82 Resp: 131630
Ion Ratio Lower Upper
82 100
95 8.6 6.4 9.6
138 16.8 12.3 18.5



#26
2-Nitrophenol
Concen: 50.976 ng
RT: 10.302 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:139 Resp: 31349
Ion Ratio Lower Upper
139 100
109 44.7 33.4 50.2
65 60.6 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 50.453 ng

RT: 10.349 min Scan# 11

Delta R.T. 0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS

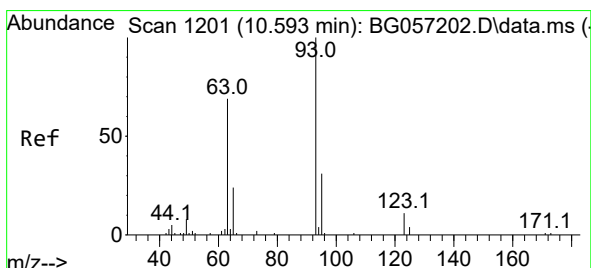
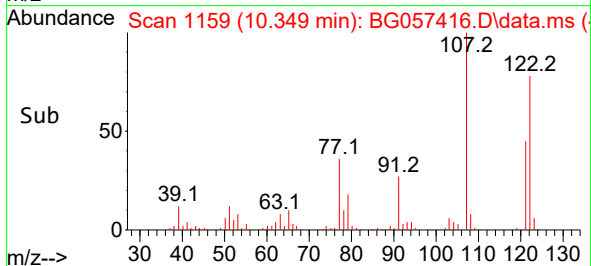
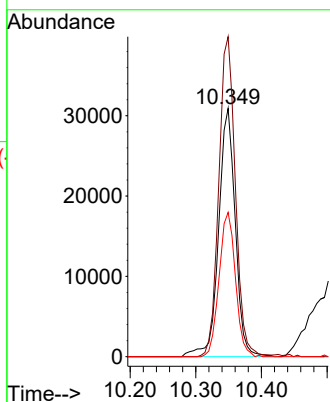
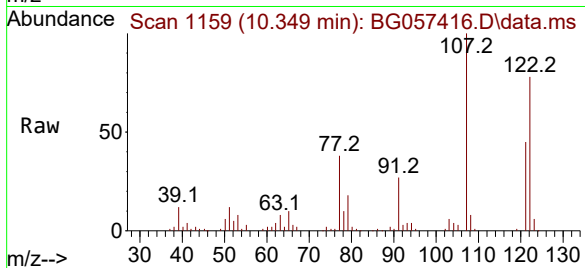
Tgt Ion:122 Resp: 54330

Ion Ratio Lower Upper

122 100

107 128.9 103.0 154.4

121 58.1 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 45.467 ng

RT: 10.578 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

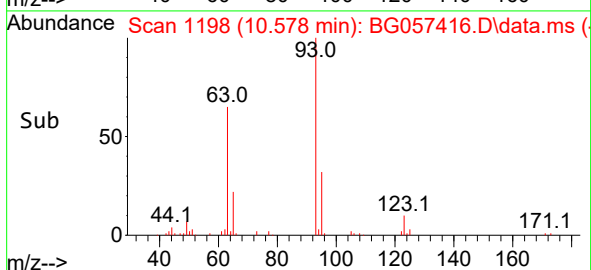
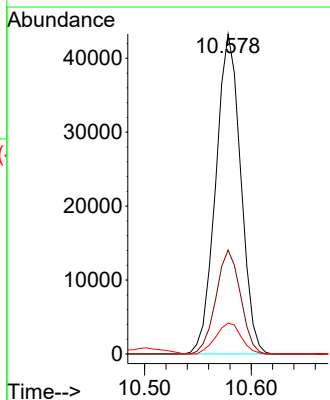
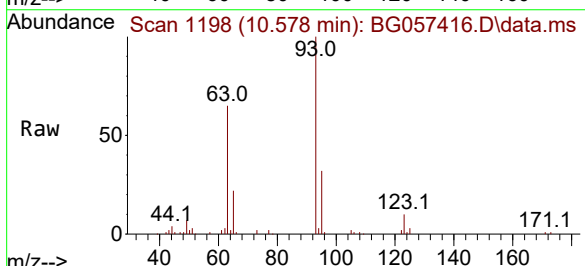
Tgt Ion: 93 Resp: 70308

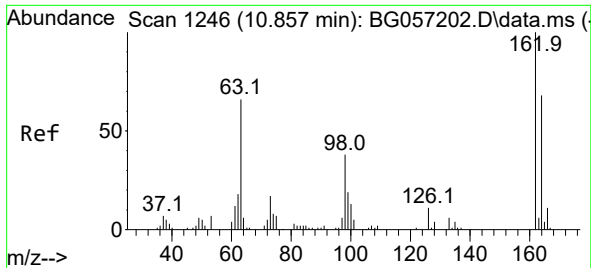
Ion Ratio Lower Upper

93 100

95 32.4 25.0 37.6

123 9.7 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 54.418 ng

RT: 10.843 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS

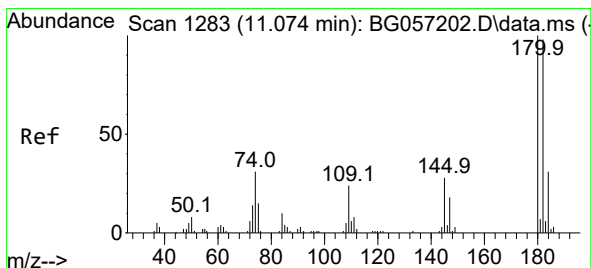
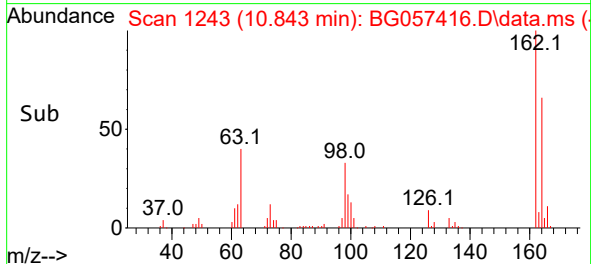
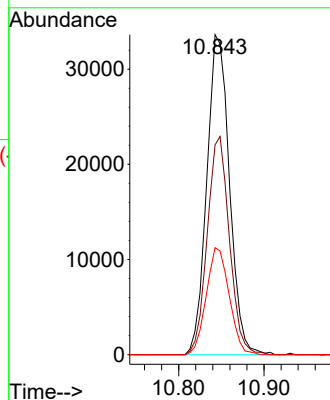
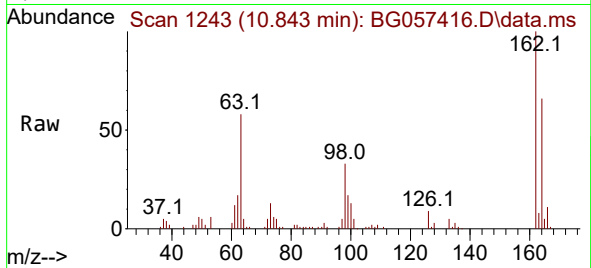
Tgt Ion:162 Resp: 62152

Ion Ratio Lower Upper

162 100

164 65.5 48.4 88.4

98 33.5 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 47.006 ng

RT: 11.060 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

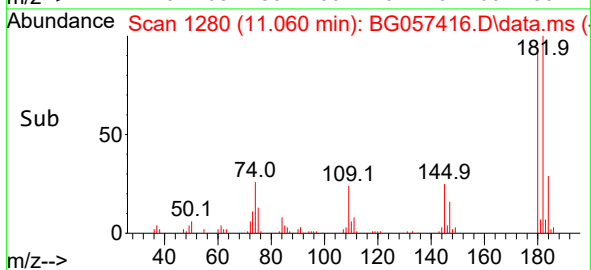
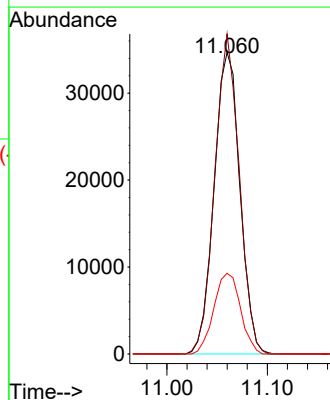
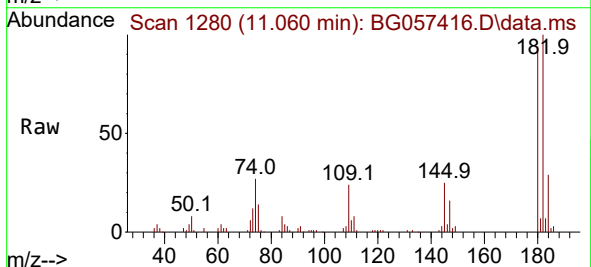
Tgt Ion:180 Resp: 61923

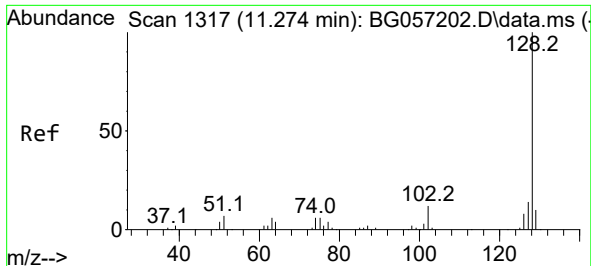
Ion Ratio Lower Upper

180 100

182 106.1 78.0 117.0

145 26.7 22.4 33.6

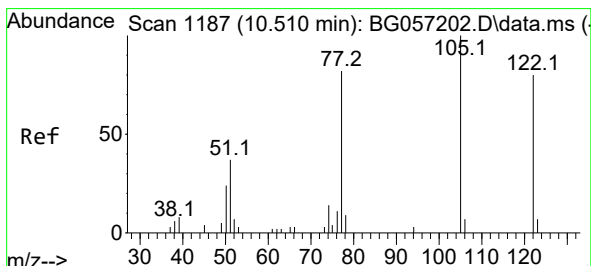
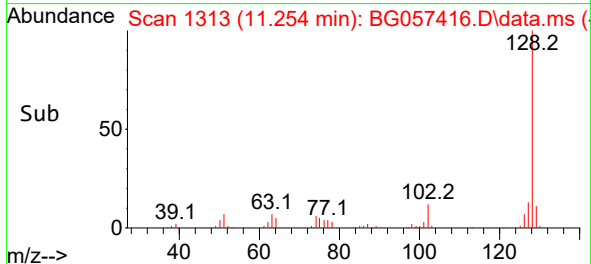
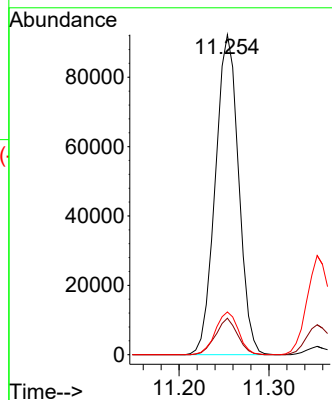
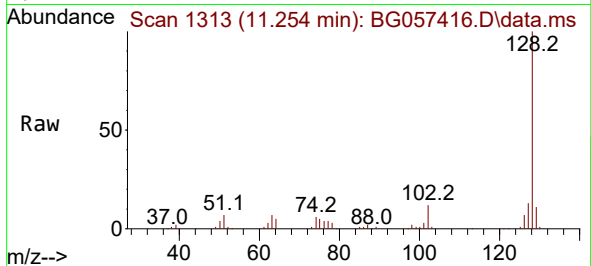




#31
Naphthalene
Concen: 46.446 ng
RT: 11.254 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

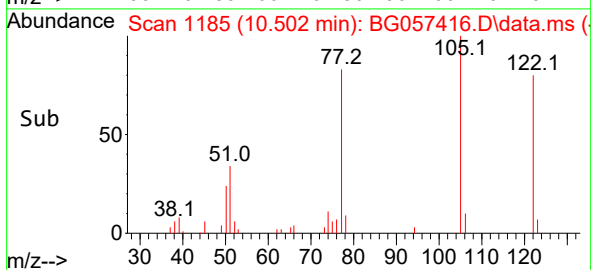
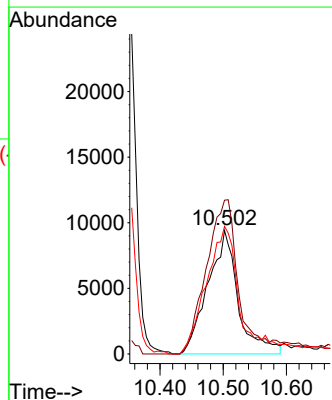
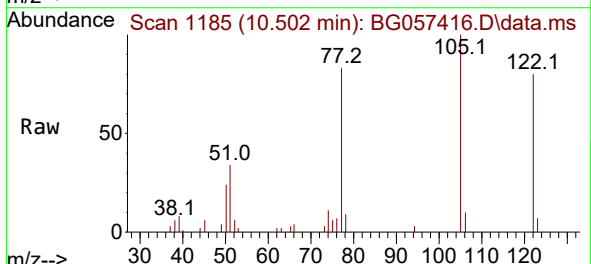
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

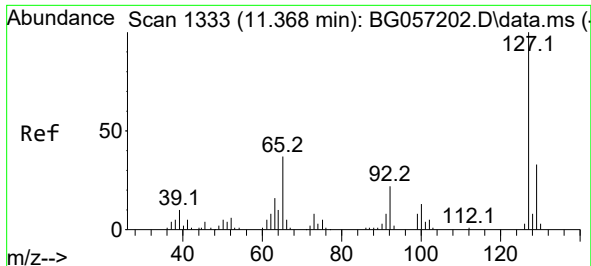
Tgt Ion:128 Resp: 165889
Ion Ratio Lower Upper
128 100
129 11.4 8.3 12.5
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 50.077 ng
RT: 10.502 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:122 Resp: 31236
Ion Ratio Lower Upper
122 100
105 124.4 105.2 145.2
77 103.3 83.1 123.1

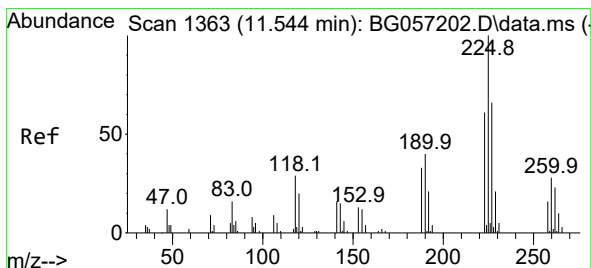
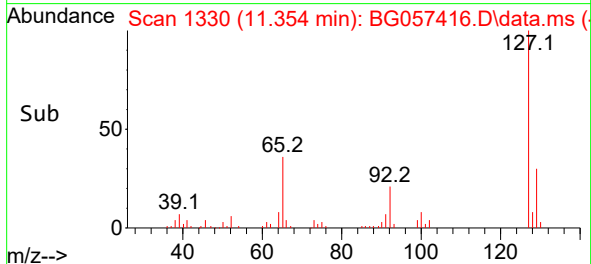
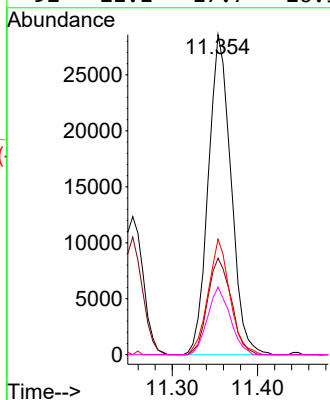
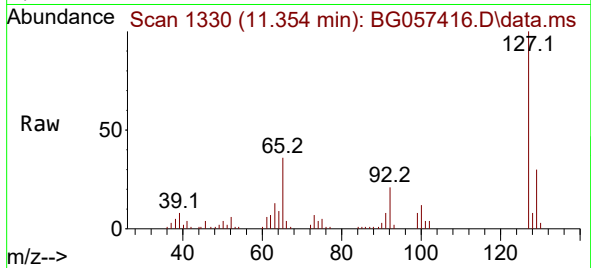




#33
4-Chloroaniline
Concen: 32.934 ng
RT: 11.354 min Scan# 11354
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

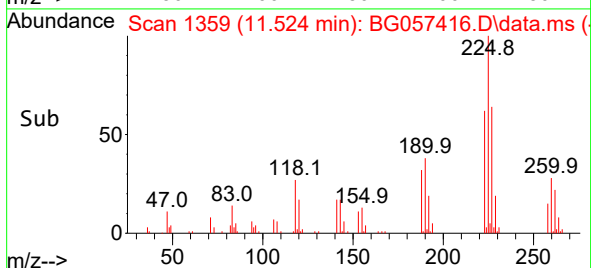
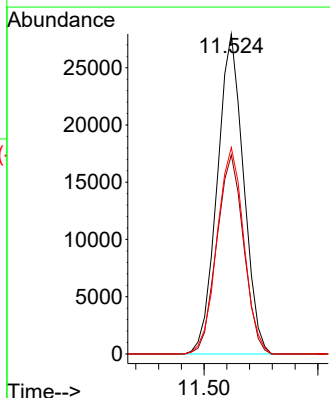
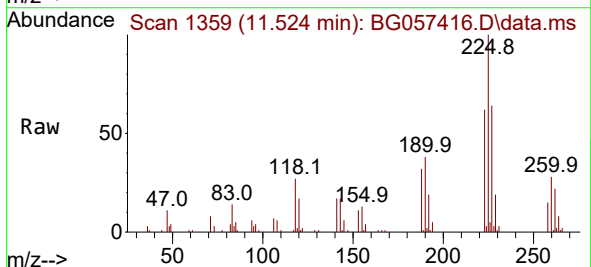
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

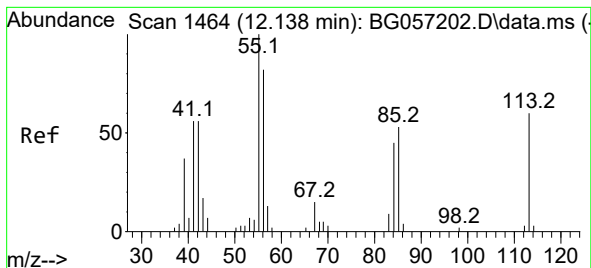
Tgt Ion:	127	Resp:	52825
Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.7	40.1
65	36.1	29.7	44.5
92	21.1	17.7	26.5



#34
Hexachlorobutadiene
Concen: 45.918 ng
RT: 11.524 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:	225	Resp:	44884
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.6	72.8
227	64.5	52.7	79.1





#35

Caprolactam

Concen: 25.496 ng

RT: 12.129 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS

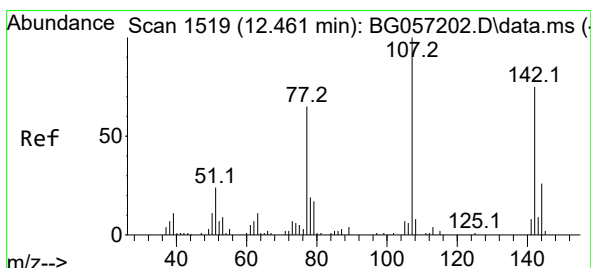
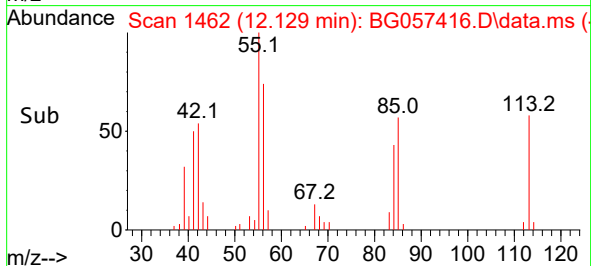
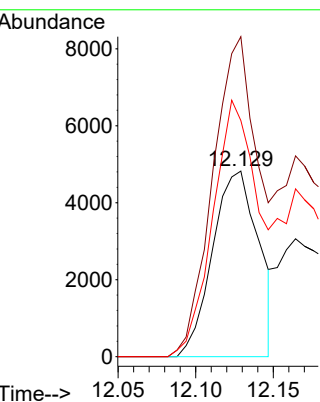
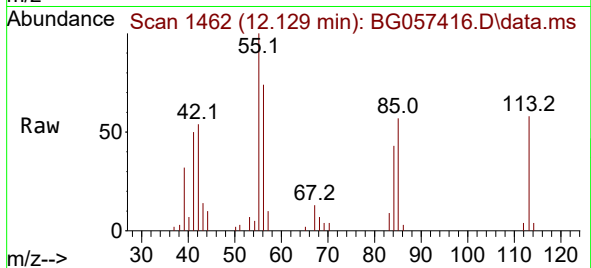
Tgt Ion:113 Resp: 9947

Ion Ratio Lower Upper

113 100

55 172.3 145.5 185.5

56 127.2 115.9 155.9



#36

4-Chloro-3-methylphenol

Concen: 52.954 ng

RT: 12.458 min Scan# 1518

Delta R.T. 0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

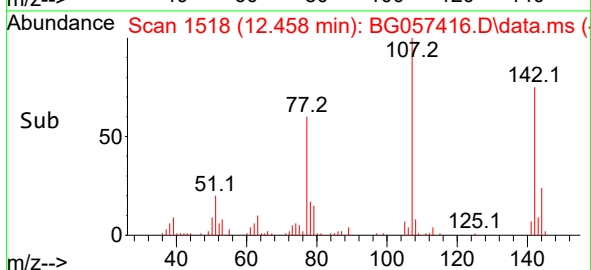
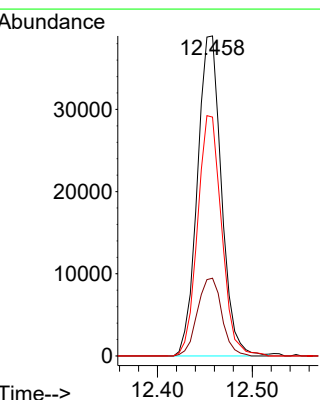
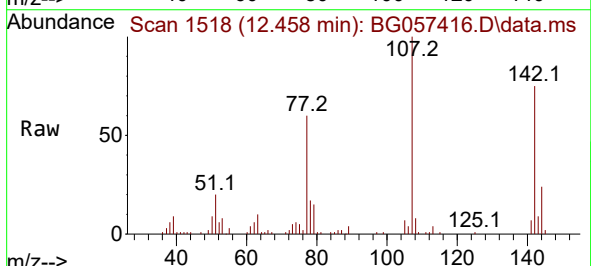
Tgt Ion:107 Resp: 68731

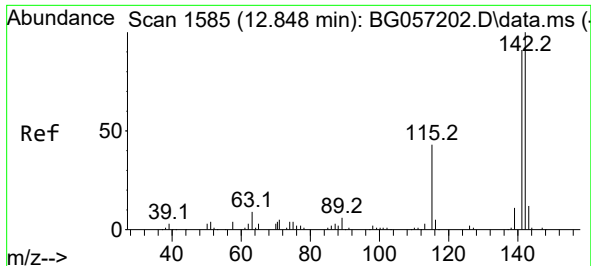
Ion Ratio Lower Upper

107 100

144 24.3 21.0 31.6

142 74.7 60.0 90.0





#37

2-Methylnaphthalene

Concen: 46.576 ng

RT: 12.828 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057416.D

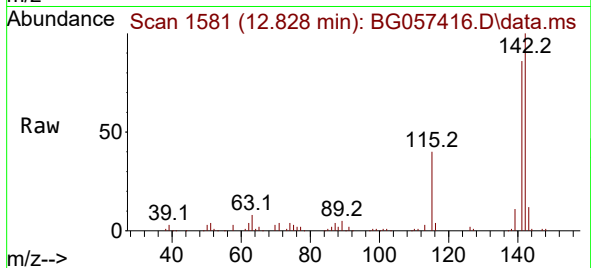
Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS



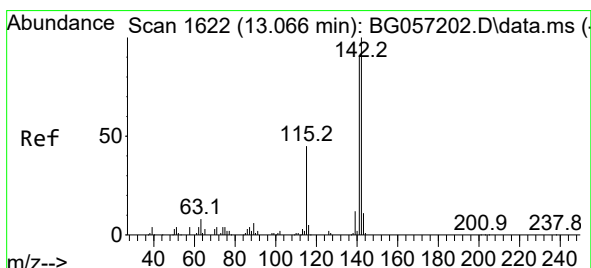
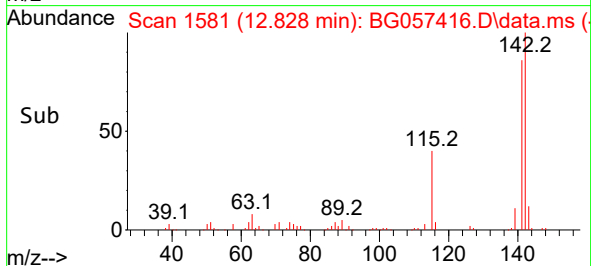
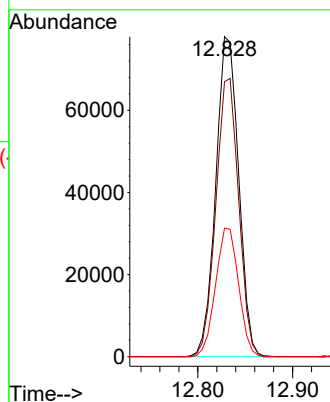
Tgt Ion:142 Resp: 130796

Ion Ratio Lower Upper

142 100

141 86.0 73.1 109.7

115 40.2 34.6 52.0



#38

1-Methylnaphthalene

Concen: 46.354 ng

RT: 13.045 min Scan# 1618

Delta R.T. -0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

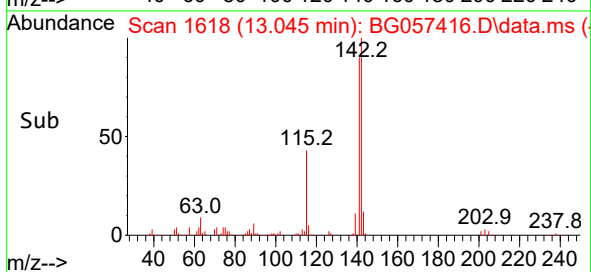
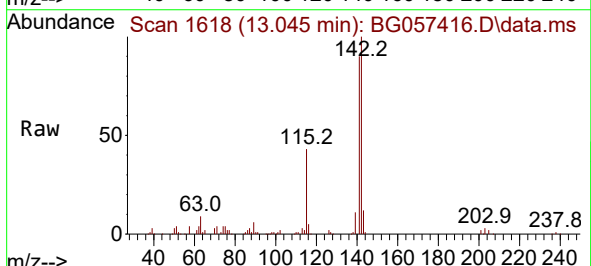
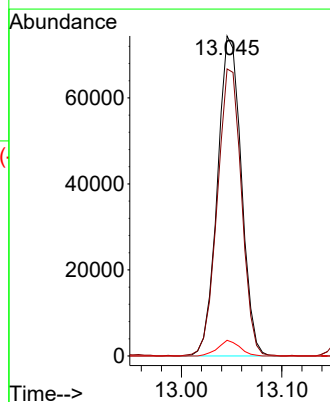
Tgt Ion:142 Resp: 122695

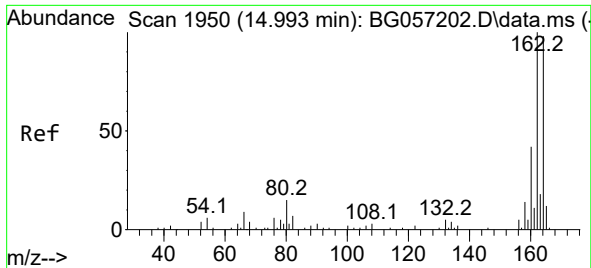
Ion Ratio Lower Upper

142 100

141 89.7 72.5 108.7

116 4.9 3.7 5.5

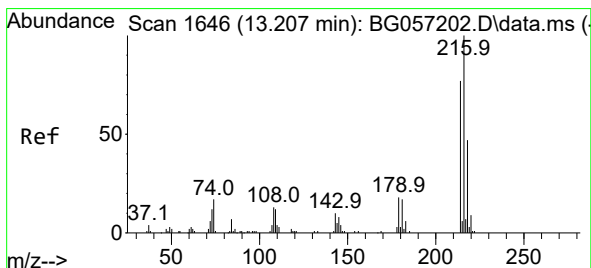
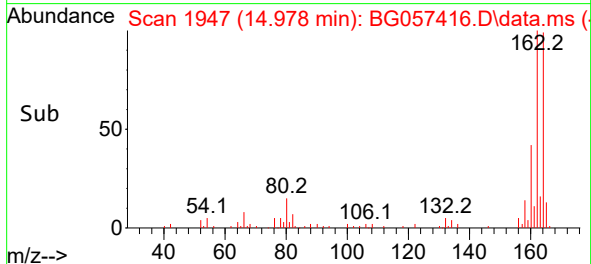
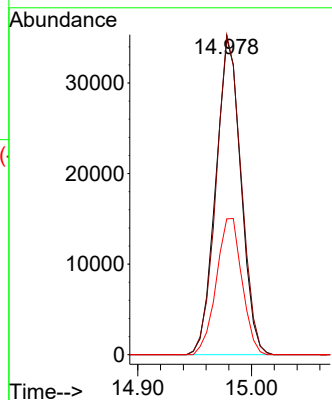
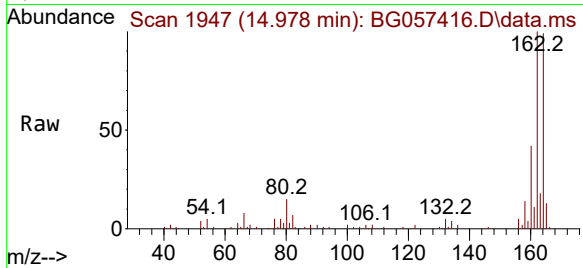




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.978 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

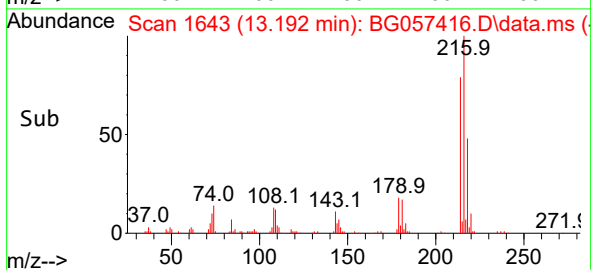
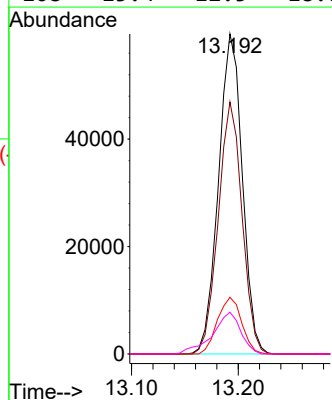
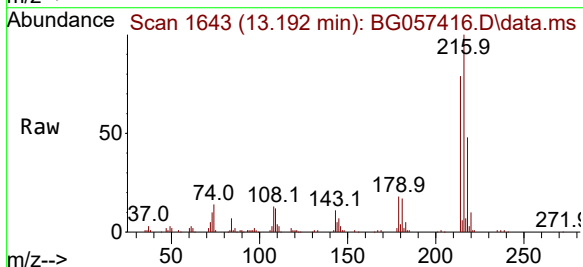
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

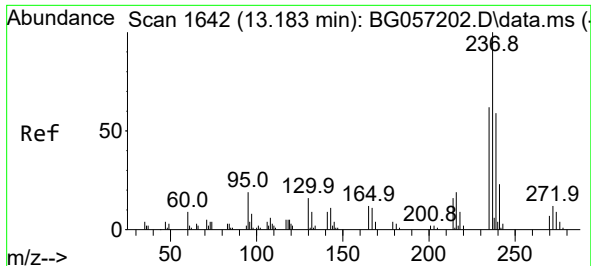
Tgt Ion:164	Resp:	53709
Ion	Ratio	Lower Upper
164	100	
162	101.2	81.8 122.6
160	42.9	34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.425 ng
RT: 13.192 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

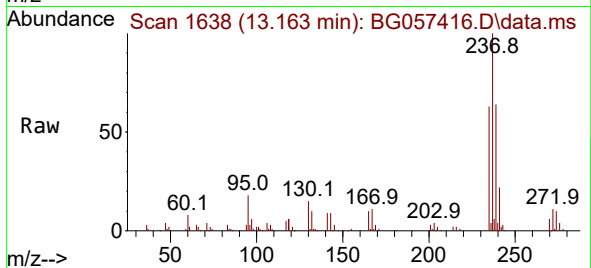
Tgt Ion:216	Resp:	92333
Ion	Ratio	Lower Upper
216	100	
214	78.5	63.7 95.5
179	18.0	14.6 22.0
108	15.4	12.5 18.7



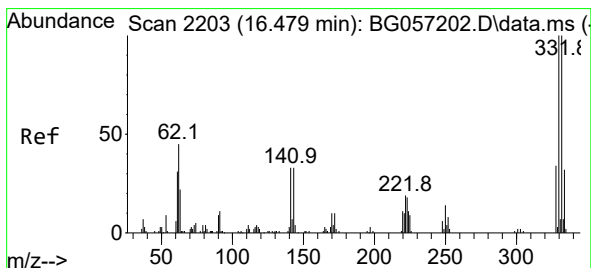
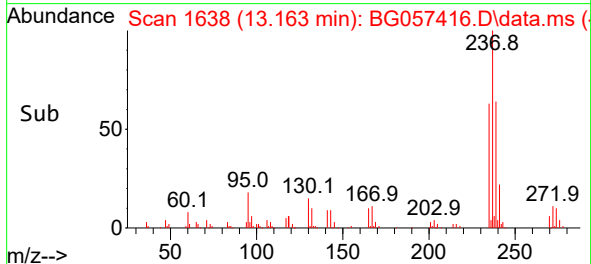
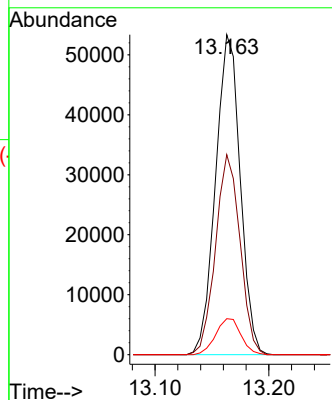


#41
Hexachlorocyclopentadiene
Concen: 87.104 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

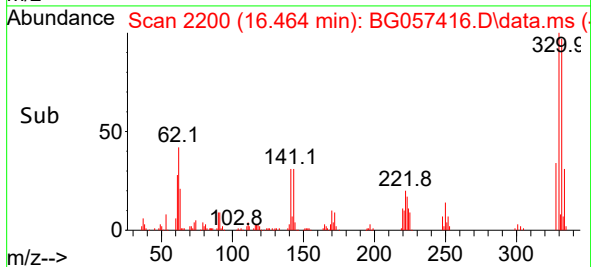
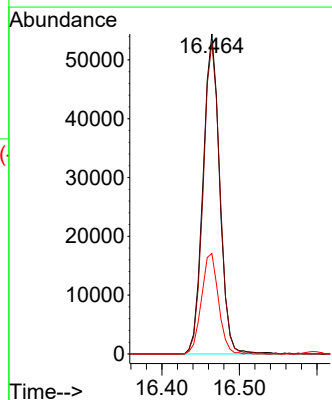
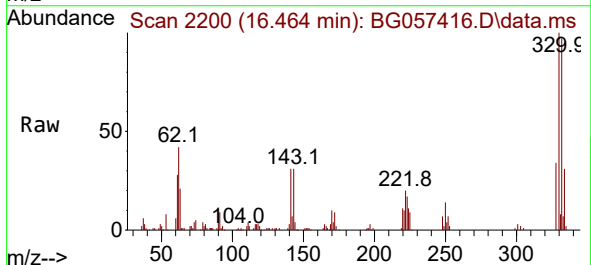


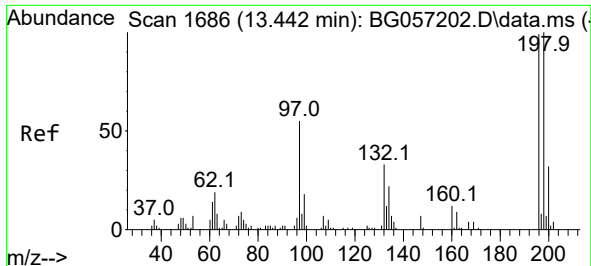
Tgt Ion:237 Resp: 80387
Ion Ratio Lower Upper
237 100
235 62.5 42.0 82.0
272 11.3 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 106.101 ng
RT: 16.464 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:330 Resp: 80857
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.2
141 32.1 27.8 41.8

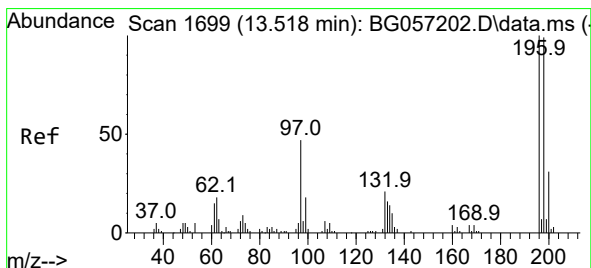
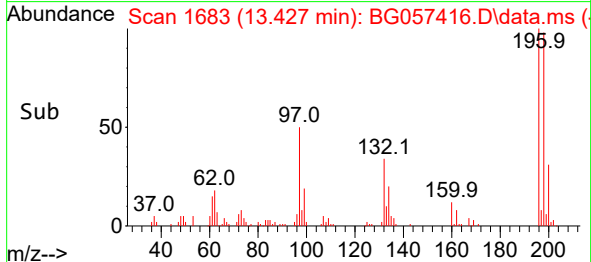
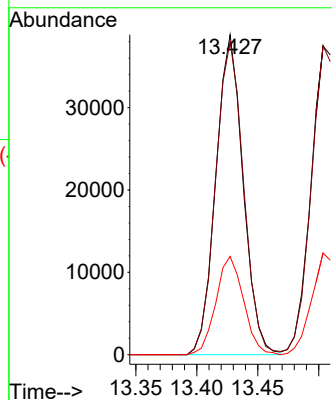
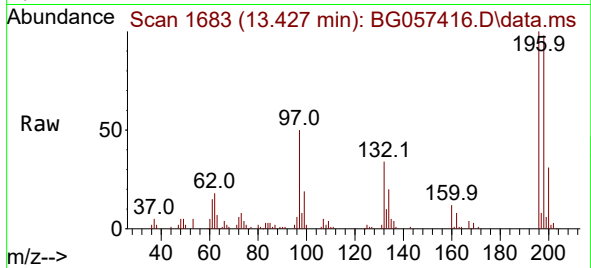




#43
2,4,6-Trichlorophenol
Concen: 51.944 ng
RT: 13.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

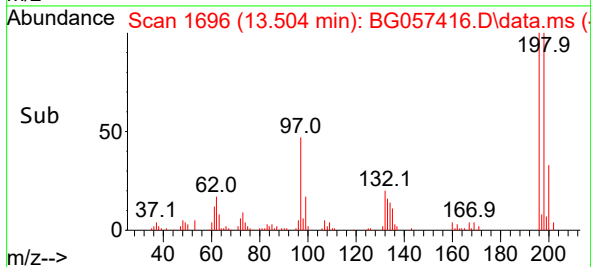
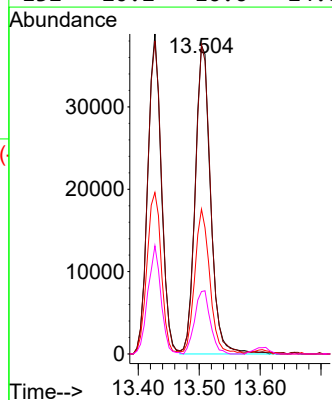
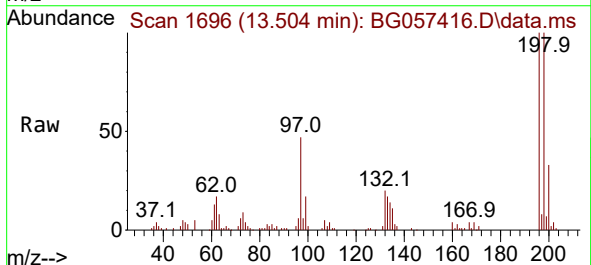
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

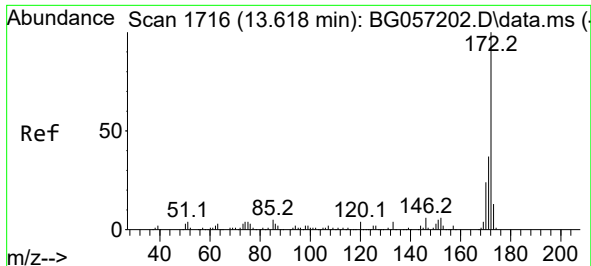
Tgt Ion:196 Resp: 60340
Ion Ratio Lower Upper
196 100
198 97.9 81.2 121.8
200 30.7 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 48.374 ng
RT: 13.504 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:196 Resp: 66099
Ion Ratio Lower Upper
196 100
198 100.1 79.4 119.2
97 46.9 37.0 55.4
132 20.2 16.6 24.8

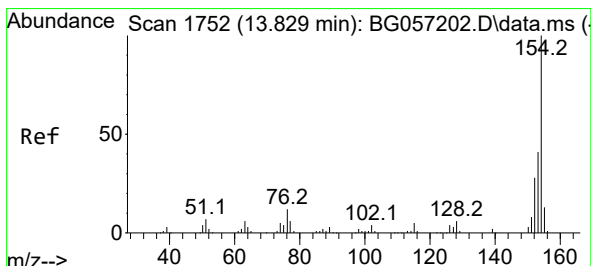
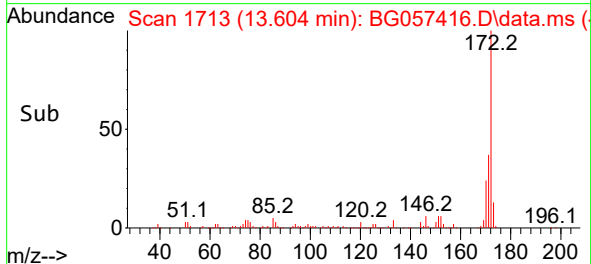
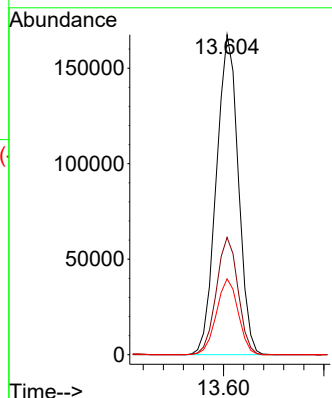
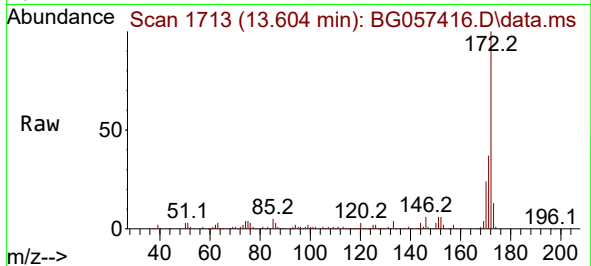




#45
2-Fluorobiphenyl
Concen: 63.677 ng
RT: 13.604 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

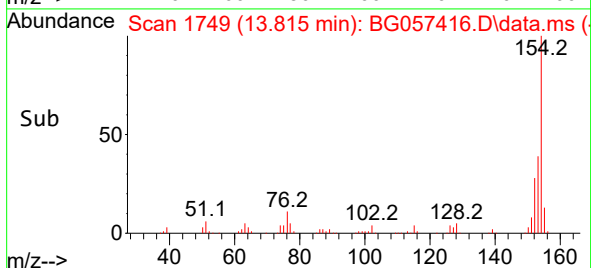
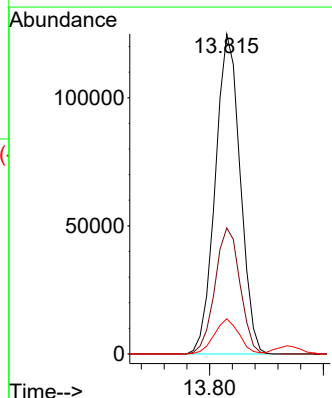
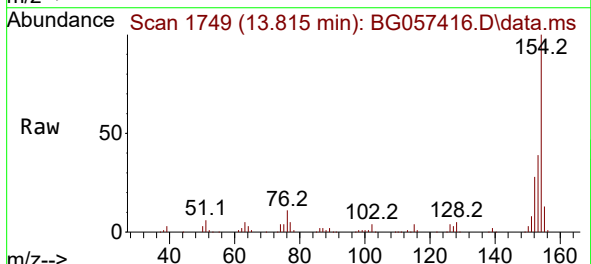
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

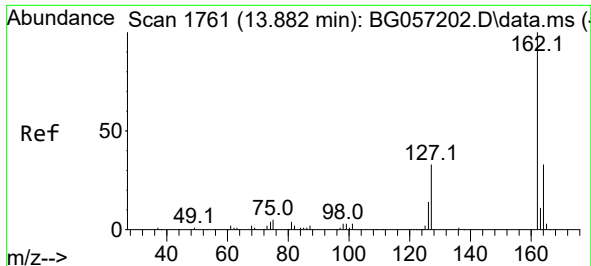
Tgt Ion:172 Resp: 253938
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.674 ng
RT: 13.815 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:154 Resp: 189999
Ion Ratio Lower Upper
154 100
153 39.4 20.9 60.9
76 11.0 0.0 31.7

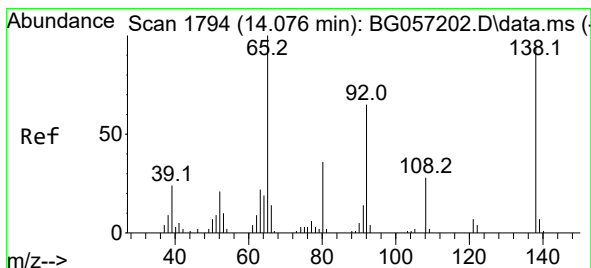
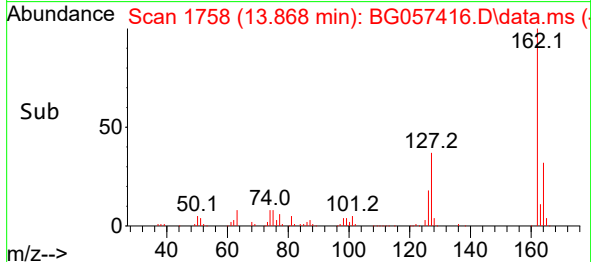
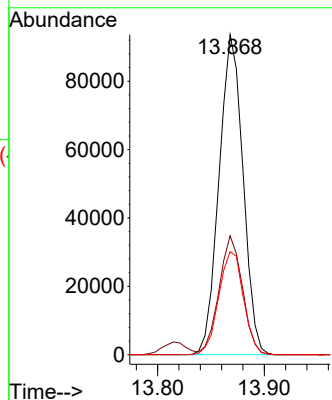
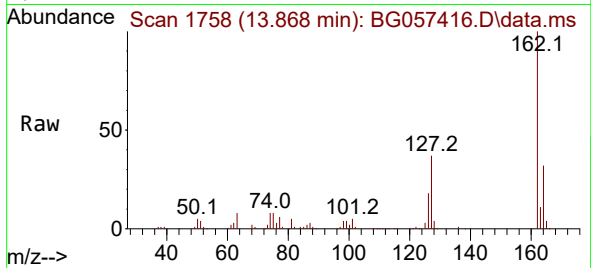




#47
2-Chloronaphthalene
Concen: 49.211 ng
RT: 13.868 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

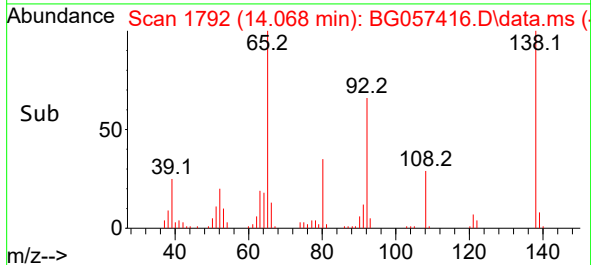
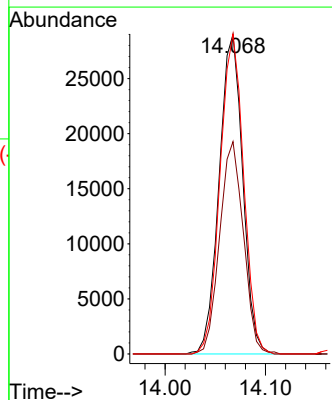
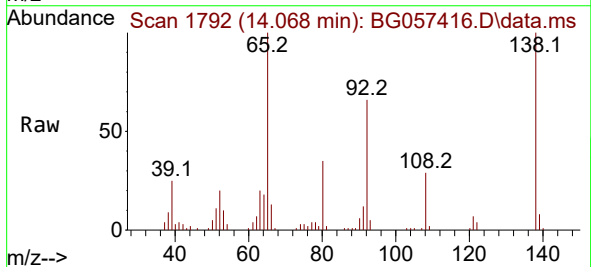
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

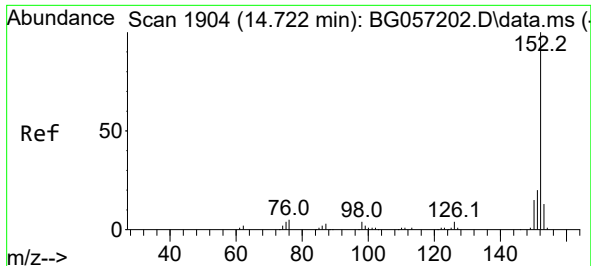
Tgt Ion:162 Resp: 145845
Ion Ratio Lower Upper
162 100
127 37.1 29.8 44.6
164 32.2 26.6 40.0



#48
2-Nitroaniline
Concen: 46.841 ng
RT: 14.068 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion: 65 Resp: 47201
Ion Ratio Lower Upper
65 100
92 66.4 52.1 78.1
138 100.1 75.3 112.9

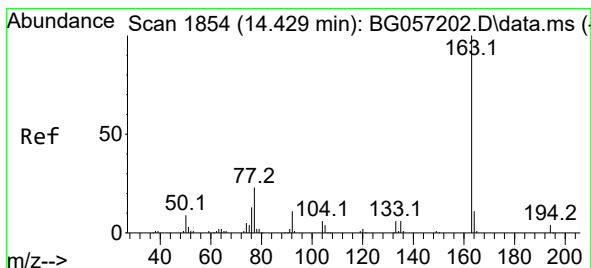
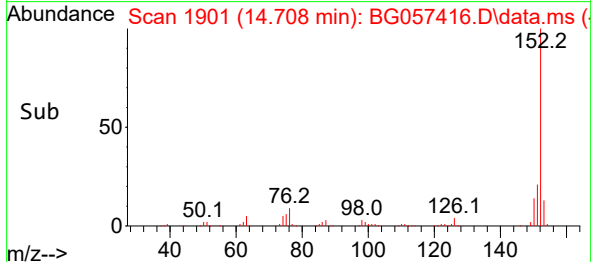
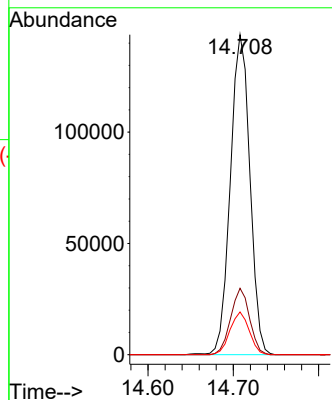
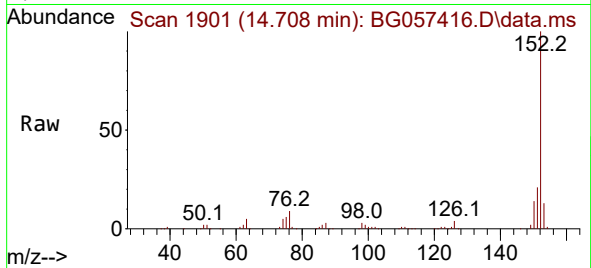




#49
Acenaphthylene
Concen: 47.536 ng
RT: 14.708 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

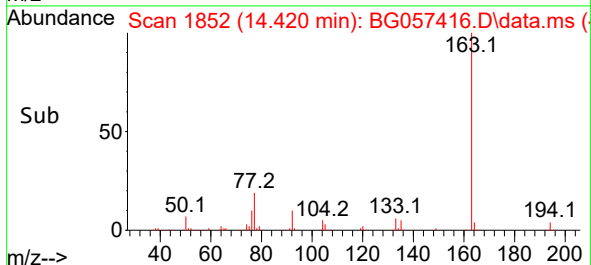
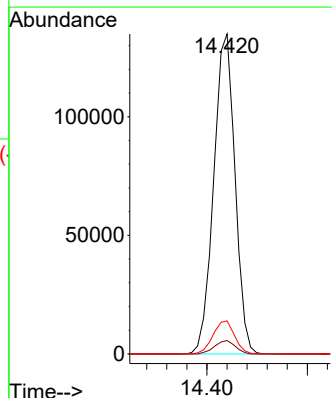
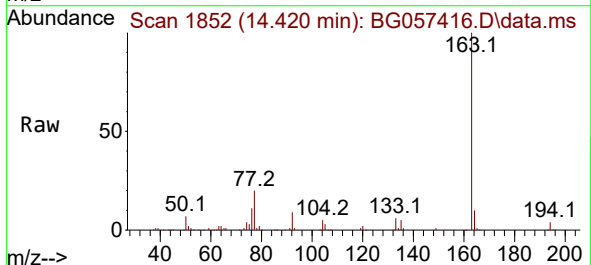
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

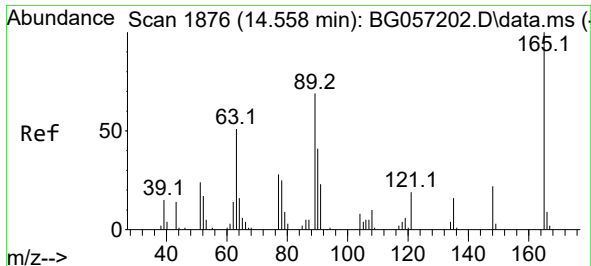
Tgt Ion:152 Resp: 228878
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 44.966 ng
RT: 14.420 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:163 Resp: 198459
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 8.8 13.2

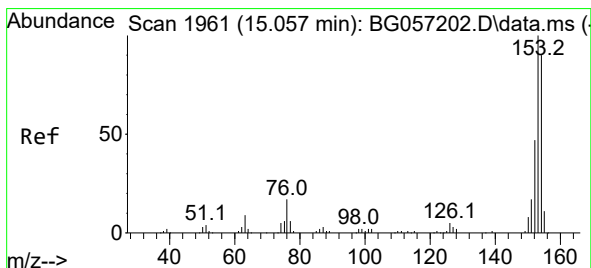
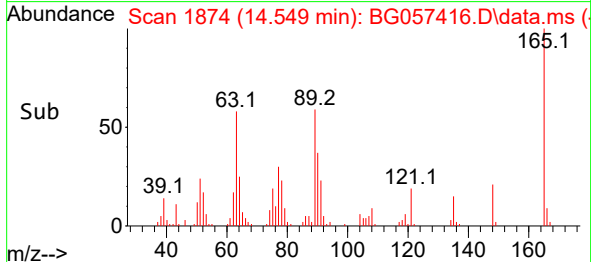
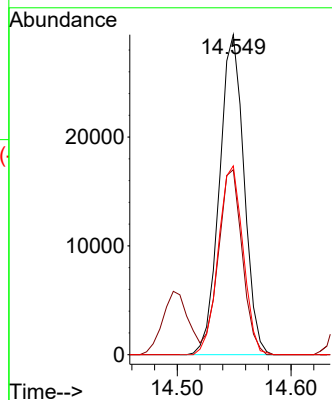
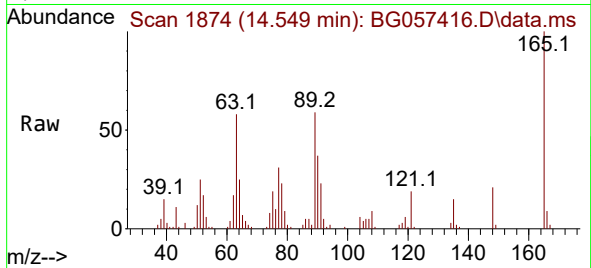




#51
2,6-Dinitrotoluene
Concen: 48.988 ng
RT: 14.549 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

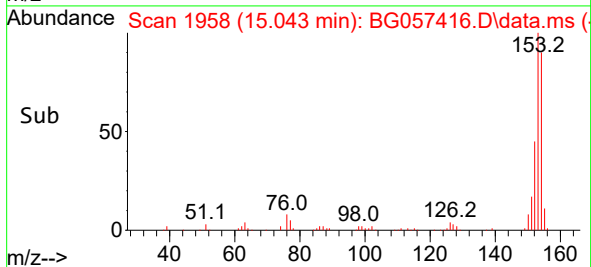
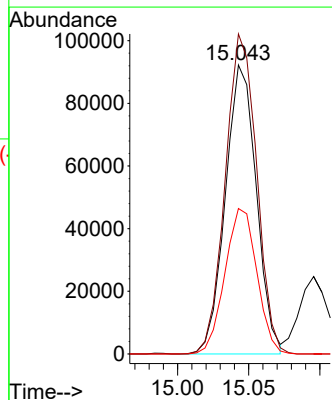
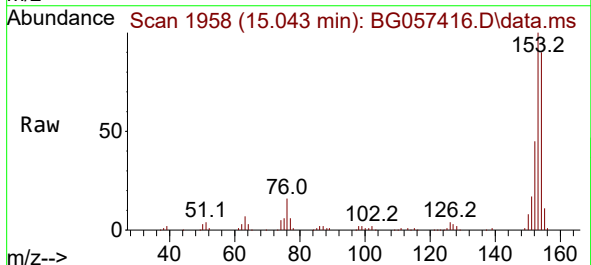
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

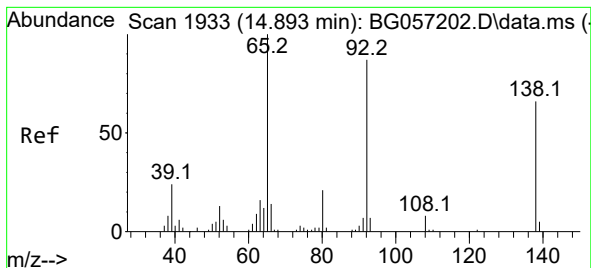
Tgt Ion:165 Resp: 44145
Ion Ratio Lower Upper
165 100
63 57.8 50.9 76.3
89 59.0 55.2 82.8



#52
Acenaphthene
Concen: 46.519 ng
RT: 15.043 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:154 Resp: 139959
Ion Ratio Lower Upper
154 100
153 110.7 89.3 133.9
152 50.3 41.7 62.5





#53

3-Nitroaniline

Concen: 35.033 ng

RT: 14.884 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BG057416.D

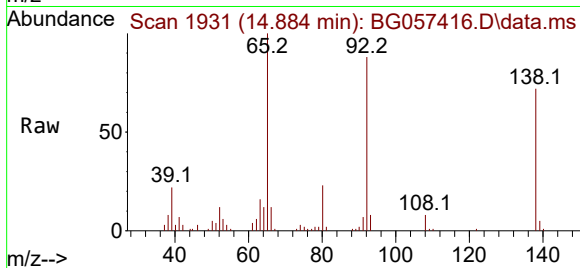
Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS



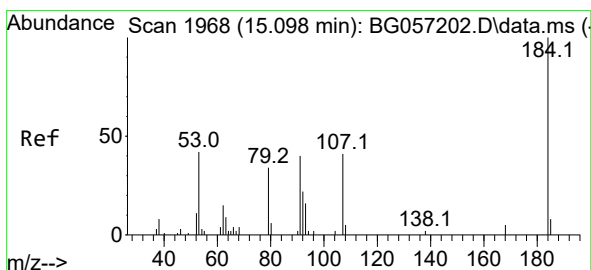
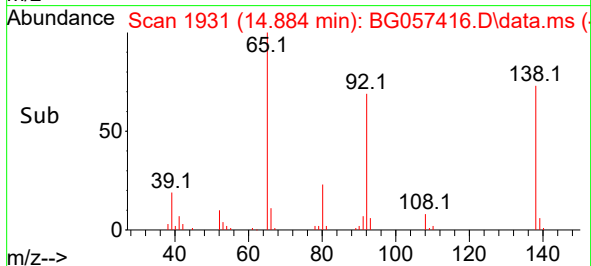
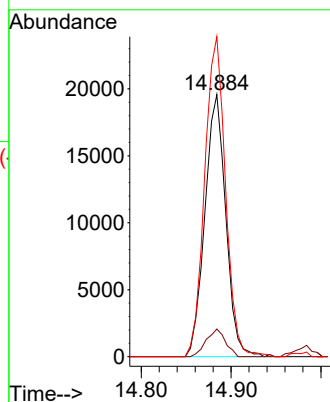
Tgt Ion:138 Resp: 31627

Ion Ratio Lower Upper

138 100

108 10.6 9.5 14.3

92 122.1 106.2 159.4



#54

2,4-Dinitrophenol

Concen: 101.423 ng

RT: 15.096 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

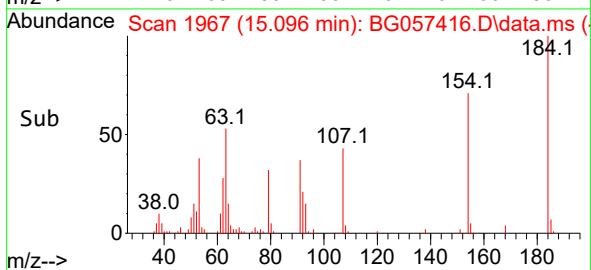
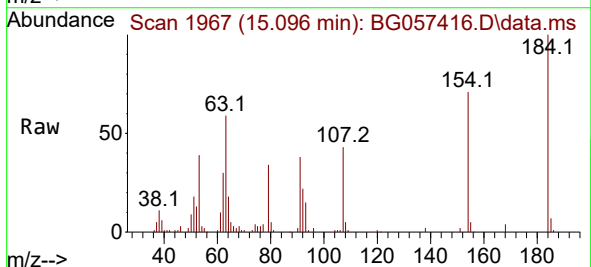
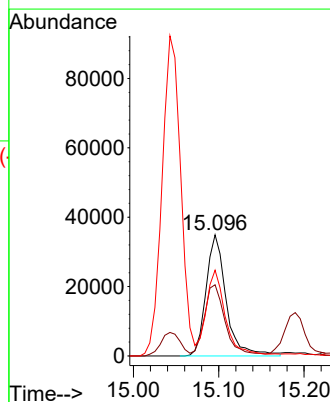
Tgt Ion:184 Resp: 57383

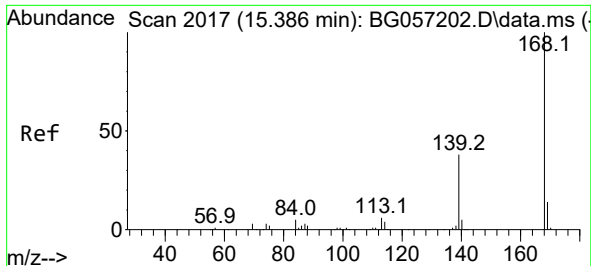
Ion Ratio Lower Upper

184 100

63 58.8 48.2 72.4

154 70.9 55.4 83.2

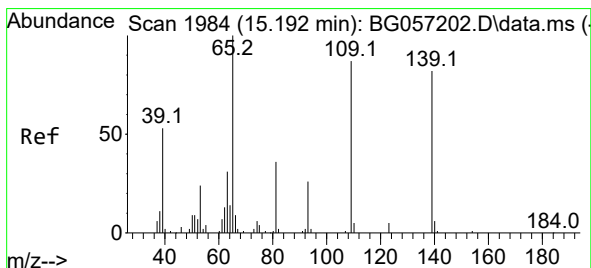
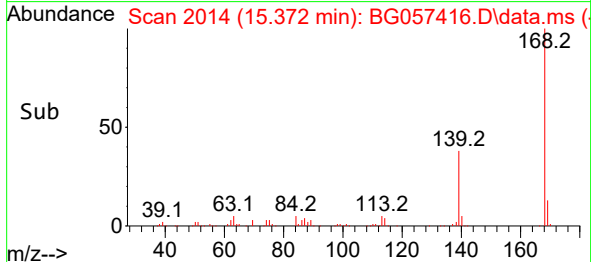
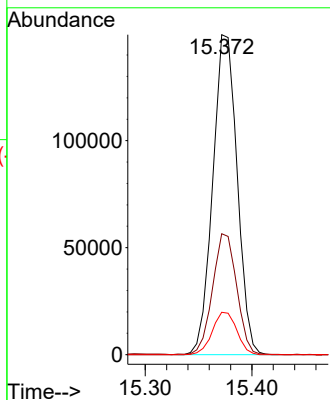
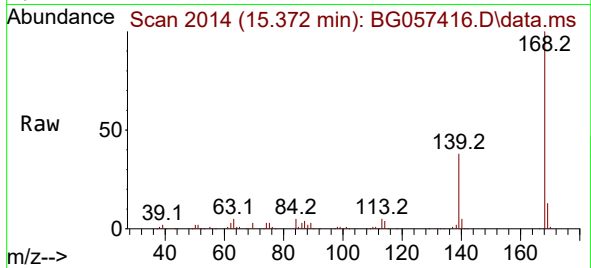




#55
Dibenzofuran
Concen: 46.962 ng
RT: 15.372 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

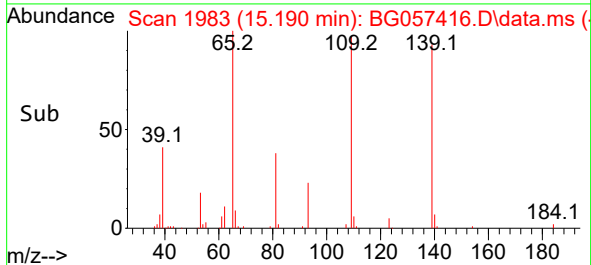
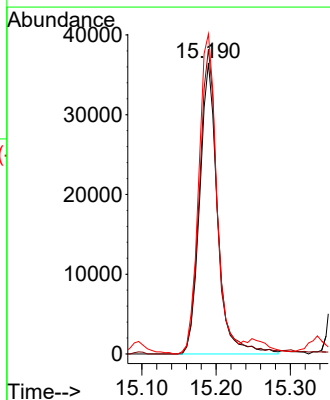
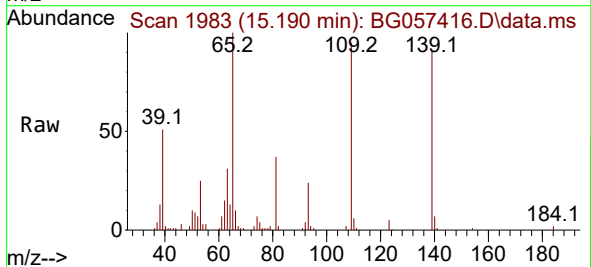
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

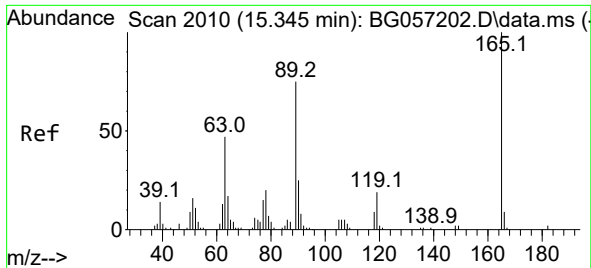
Tgt Ion:168 Resp: 237397
Ion Ratio Lower Upper
168 100
139 37.8 30.7 46.1
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 101.923 ng
RT: 15.190 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:139 Resp: 61198
Ion Ratio Lower Upper
139 100
109 104.8 86.6 126.6
65 109.9 102.6 142.6





#57

2,4-Dinitrotoluene

Concen: 49.099 ng

RT: 15.336 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BG057416.D

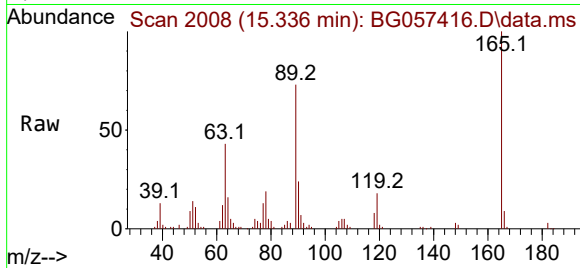
Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS



Tgt Ion:165 Resp: 63233

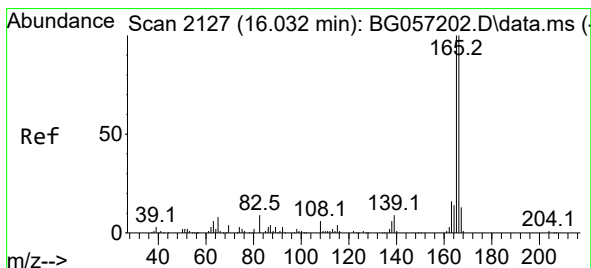
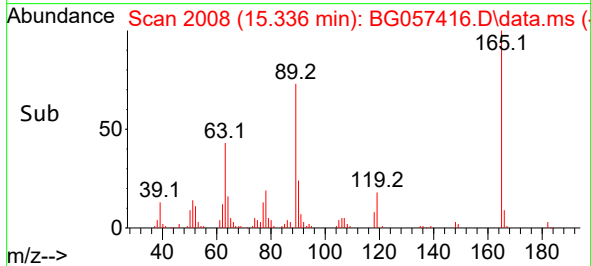
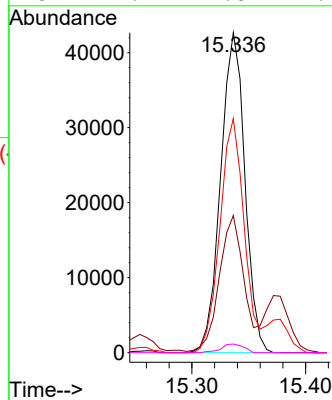
Ion Ratio Lower Upper

165 100

63 42.8 37.5 56.3

89 73.1 60.2 90.4

182 2.7 1.8 2.8



#58

Fluorene

Concen: 46.283 ng

RT: 16.024 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

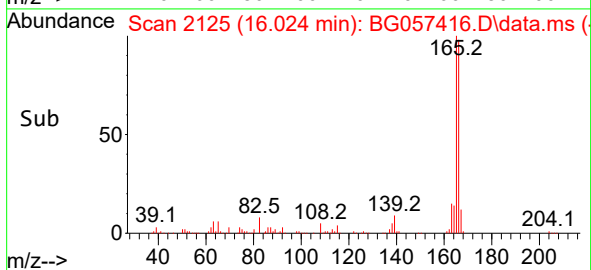
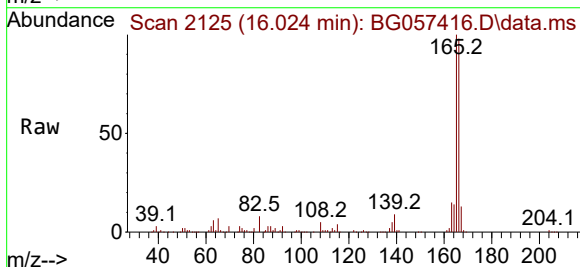
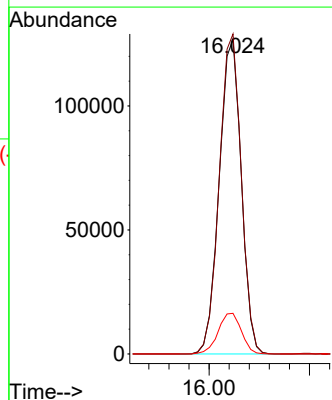
Tgt Ion:166 Resp: 192717

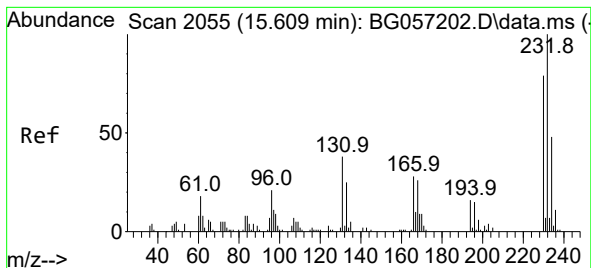
Ion Ratio Lower Upper

166 100

165 101.6 80.1 120.1

167 12.9 10.2 15.2

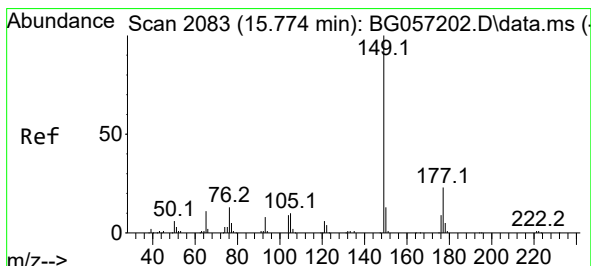
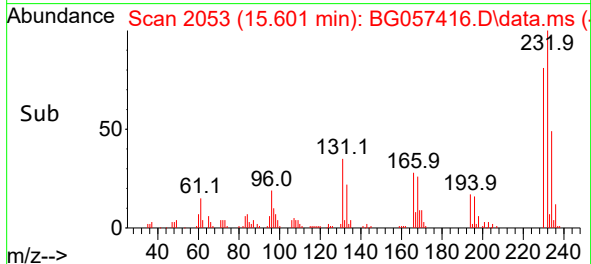
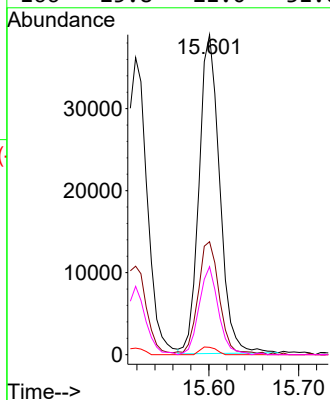
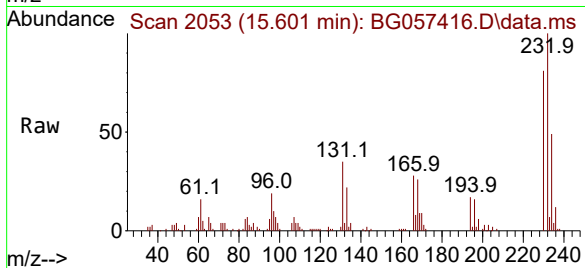




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.057 ng
RT: 15.601 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

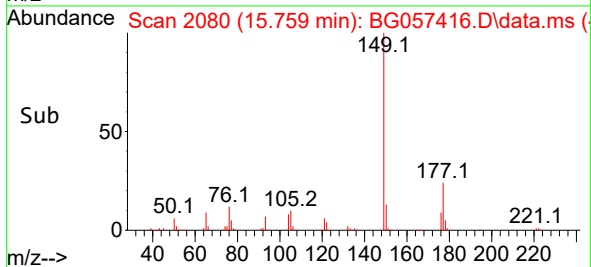
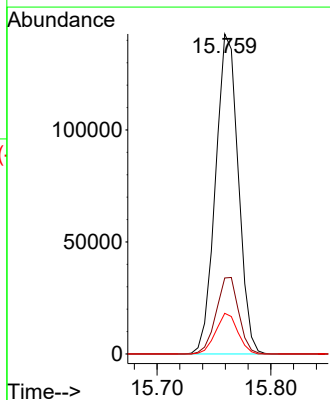
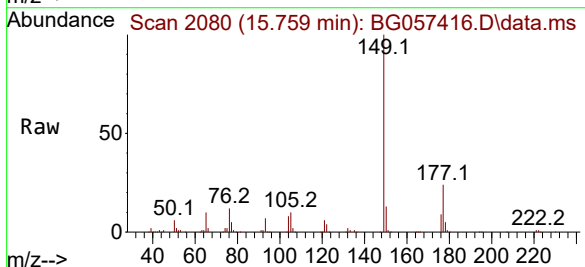
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

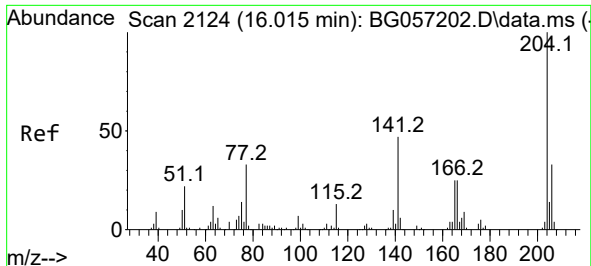
Tgt Ion:232 Resp: 62012
Ion Ratio Lower Upper
232 100
131 36.8 28.6 42.8
130 1.9 1.6 2.4
166 25.8 21.0 31.6



#60
Diethylphthalate
Concen: 44.296 ng
RT: 15.759 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:149 Resp: 198541
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 12.7 10.1 15.1

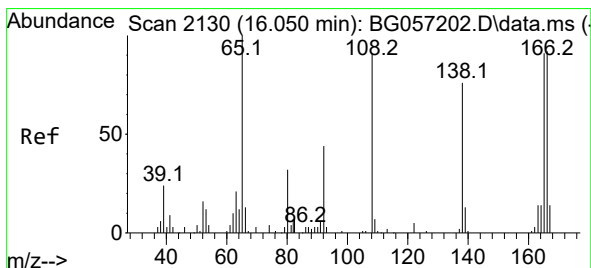
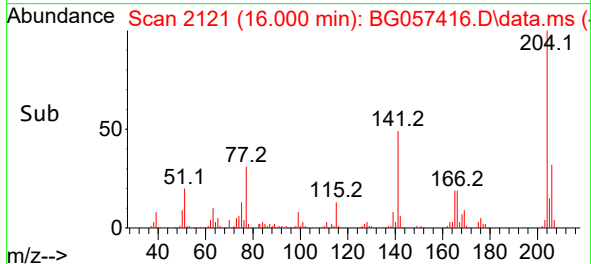
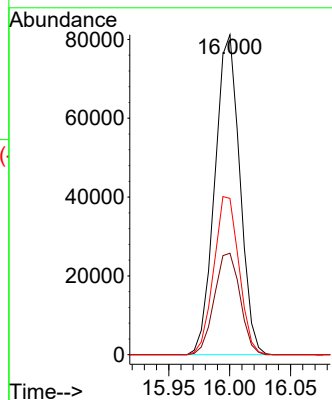
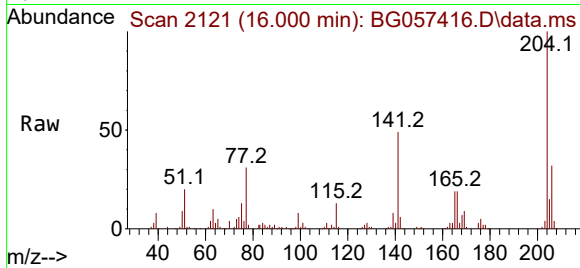




#61
4-Chlorophenyl-phenylether
Concen: 46.127 ng
RT: 16.000 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

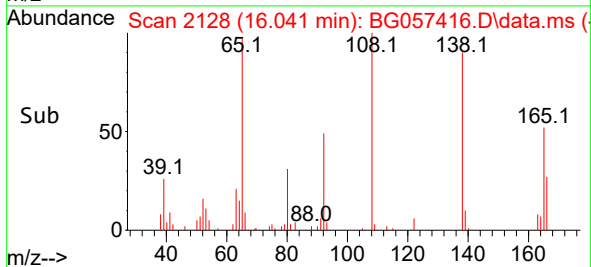
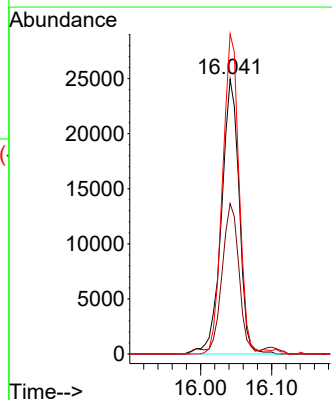
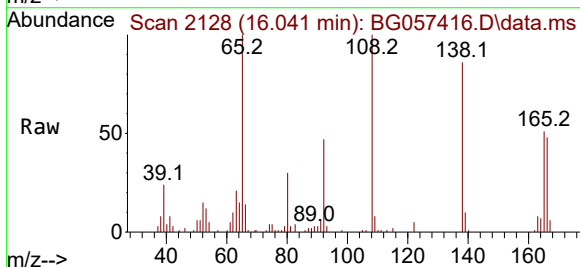
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

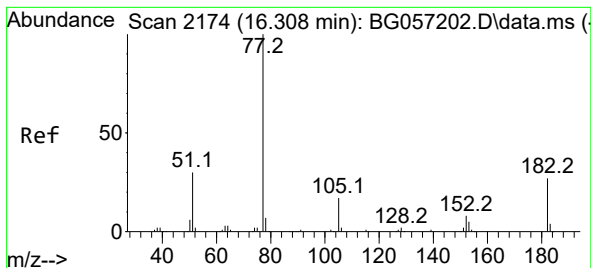
Tgt Ion:204 Resp: 115706
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 48.8 37.4 56.0



#62
4-Nitroaniline
Concen: 47.137 ng
RT: 16.041 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:138 Resp: 42930
Ion Ratio Lower Upper
138 100
92 54.8 38.2 78.2
108 116.4 99.6 139.6





#63

Azobenzene

Concen: 43.658 ng

RT: 16.294 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS

Tgt Ion: 77 Resp: 188805

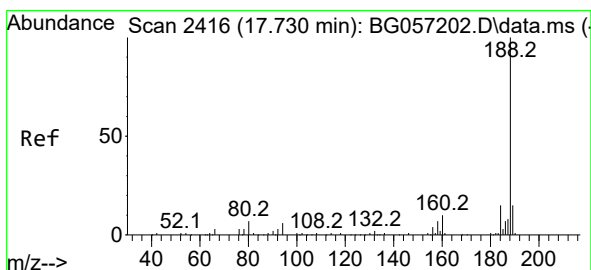
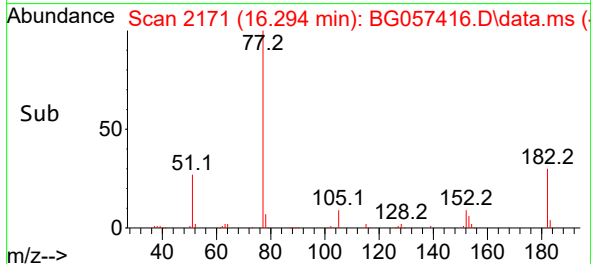
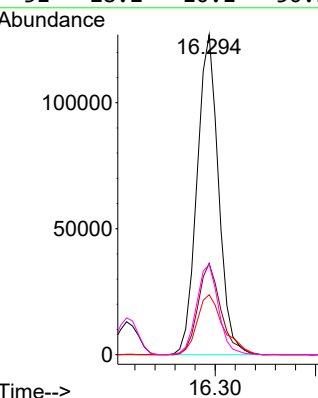
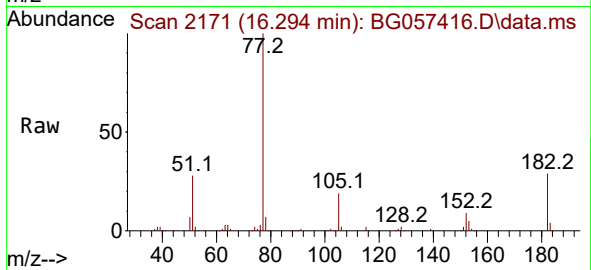
Ion Ratio Lower Upper

77 100

182 28.6 7.4 47.4

105 18.8 0.0 37.2

51 28.2 10.1 50.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.721 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

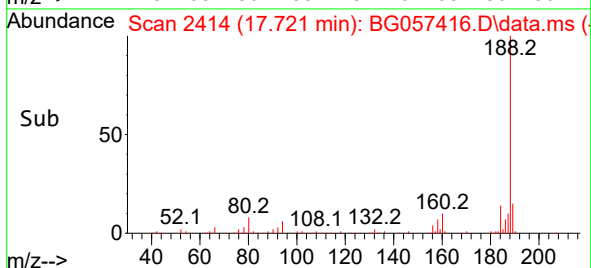
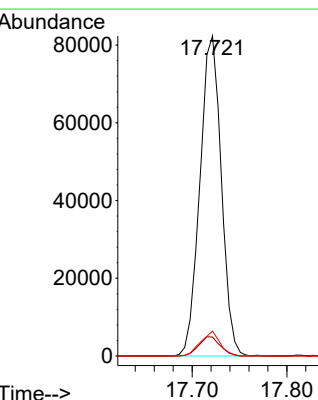
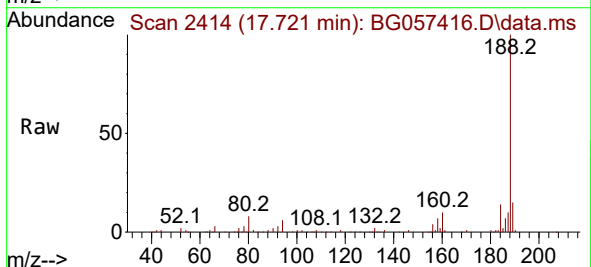
Tgt Ion:188 Resp: 128775

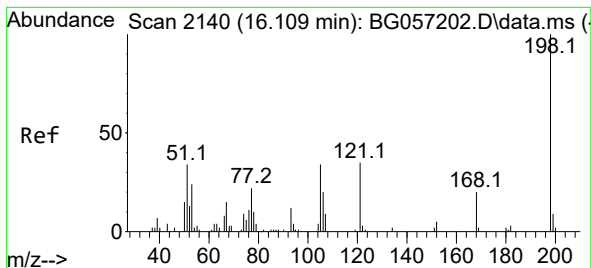
Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

80 7.8 5.7 8.5

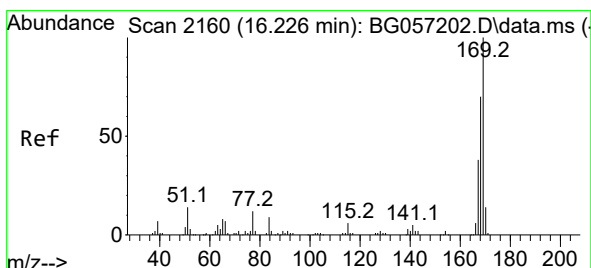
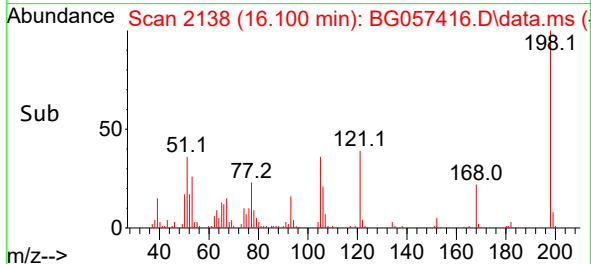
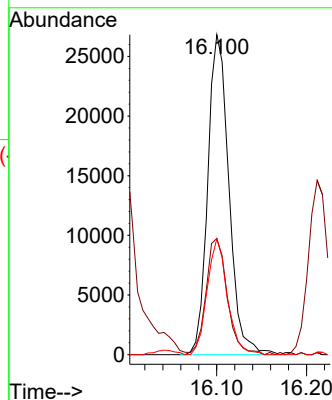
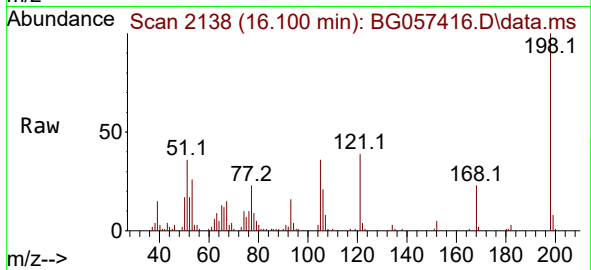




#65
4,6-Dinitro-2-methylphenol
Concen: 56.922 ng
RT: 16.100 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

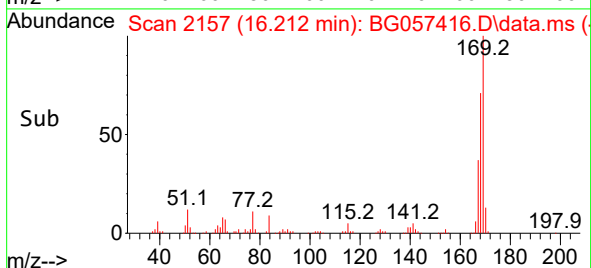
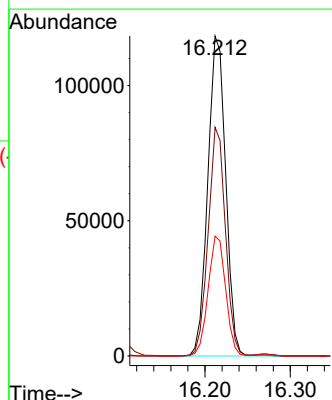
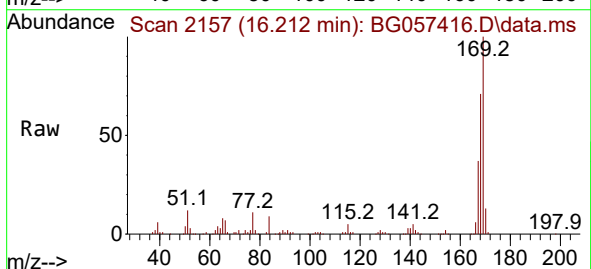
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

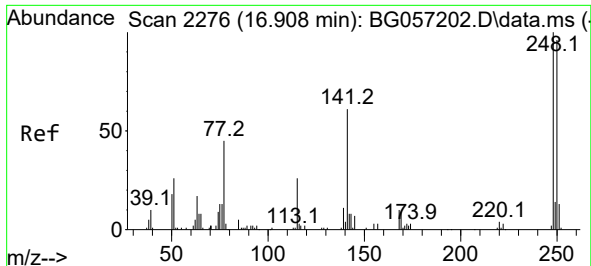
Tgt Ion:198 Resp: 43764
Ion Ratio Lower Upper
198 100
51 36.3 16.1 56.1
105 36.2 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 49.214 ng
RT: 16.212 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:169 Resp: 172129
Ion Ratio Lower Upper
169 100
168 71.5 56.2 84.4
167 37.5 30.2 45.4

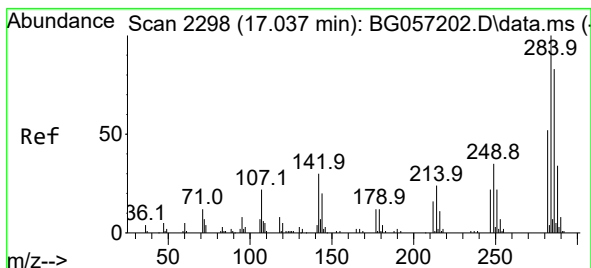
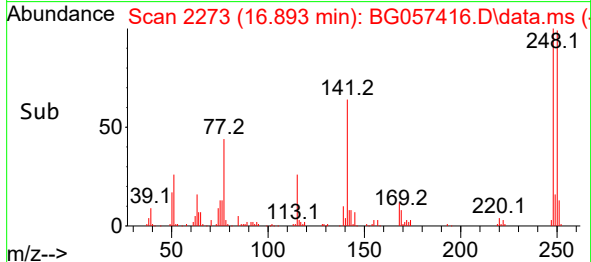
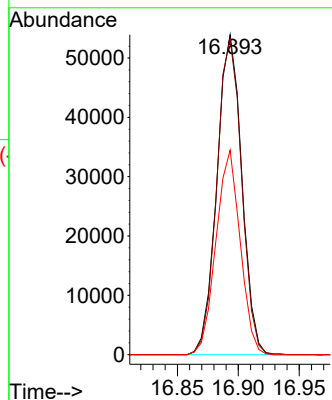
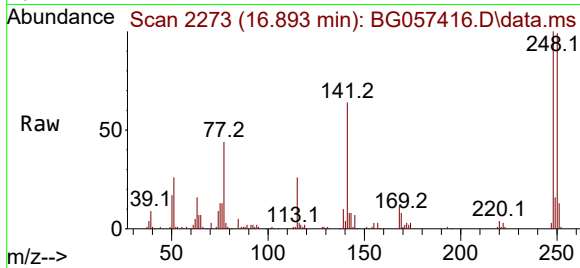




#67
4-Bromophenyl-phenylether
Concen: 48.781 ng
RT: 16.893 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

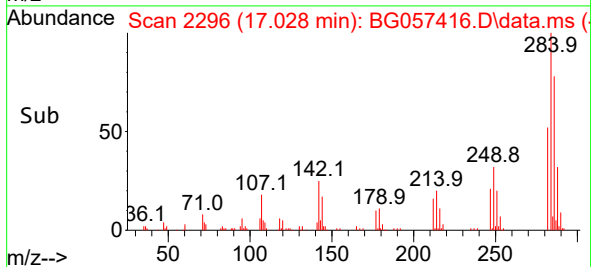
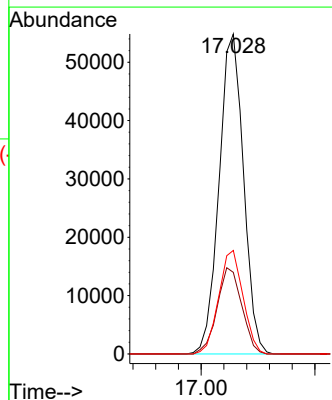
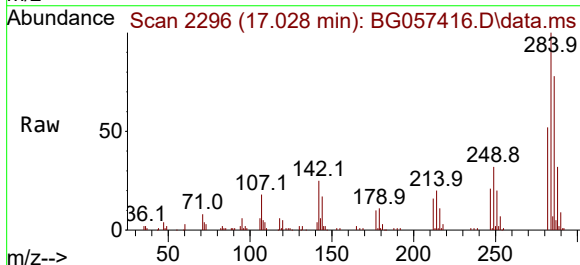
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

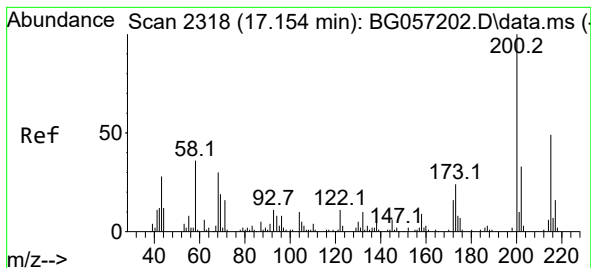
Tgt Ion:248 Resp: 76685
Ion Ratio Lower Upper
248 100
250 98.7 77.0 115.6
141 63.9 48.6 72.8



#68
Hexachlorobenzene
Concen: 53.487 ng
RT: 17.028 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:284 Resp: 81710
Ion Ratio Lower Upper
284 100
142 25.5 23.9 35.9
249 32.4 27.7 41.5





#69

Atrazine

Concen: 56.202 ng

RT: 17.146 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS

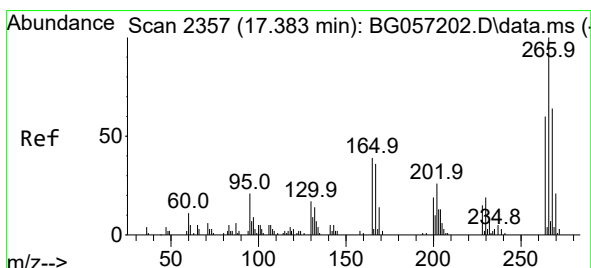
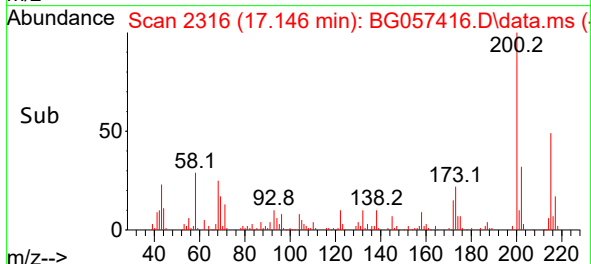
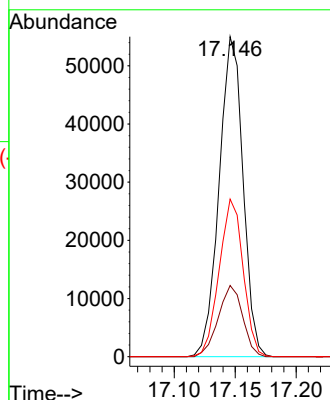
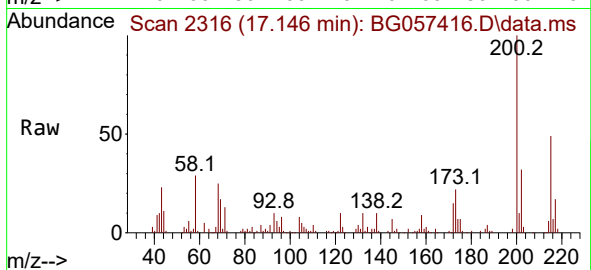
Tgt Ion:200 Resp: 74985

Ion Ratio Lower Upper

200 100

173 22.2 4.3 44.3

215 49.2 29.3 69.3



#70

Pentachlorophenol

Concen: 92.961 ng

RT: 17.369 min Scan# 2354

Delta R.T. -0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

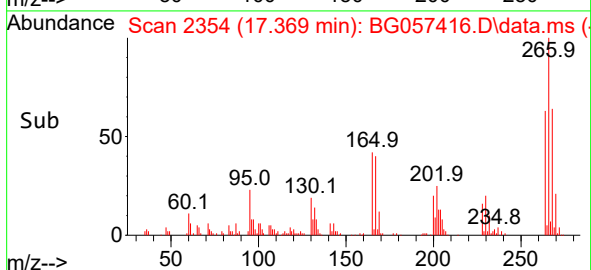
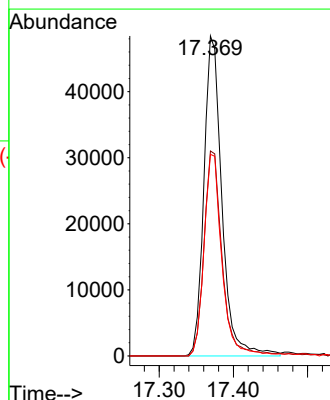
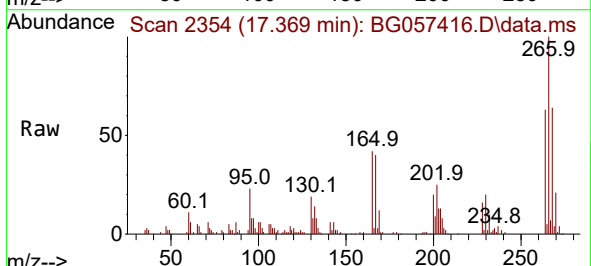
Tgt Ion:266 Resp: 81844

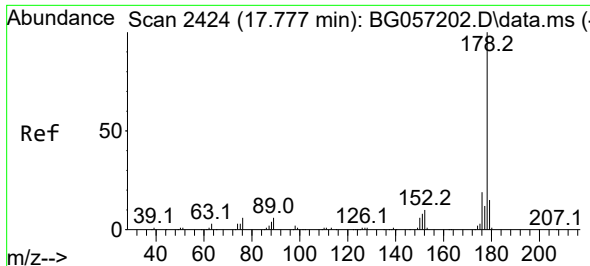
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

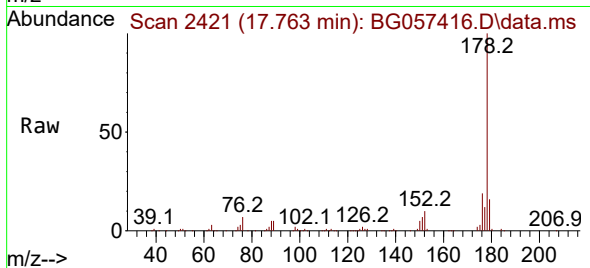
264 63.0 47.8 71.6



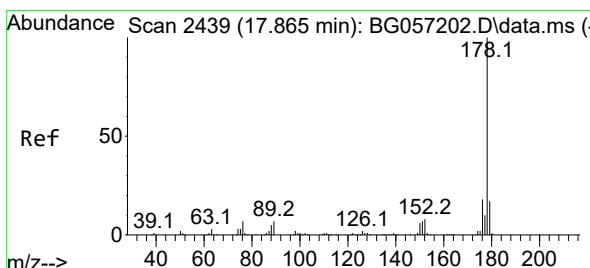
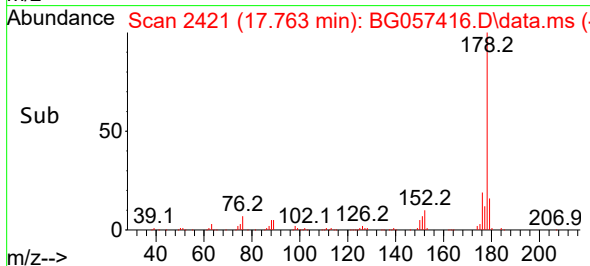
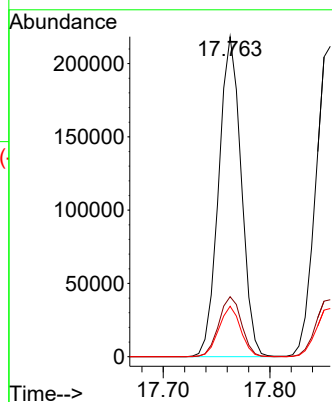


#71
Phenanthrene
Concen: 48.447 ng
RT: 17.763 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

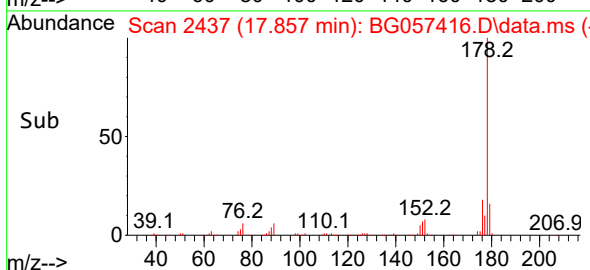
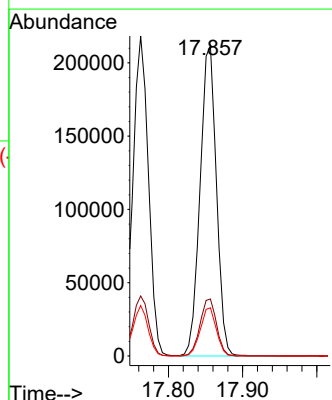
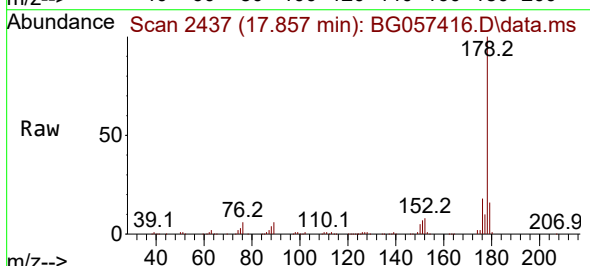


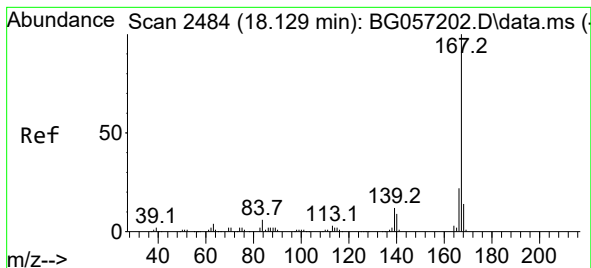
Tgt Ion:178 Resp: 319687
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.7 12.3 18.5



#72
Anthracene
Concen: 47.861 ng
RT: 17.857 min Scan# 2437
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:178 Resp: 324058
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 13.2 19.8





#73

Carbazole

Concen: 49.413 ng

RT: 18.121 min Scan# 24

Delta R.T. 0.000 min

Lab File: BG057416.D

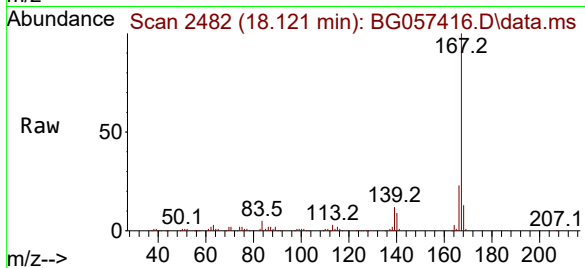
Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS



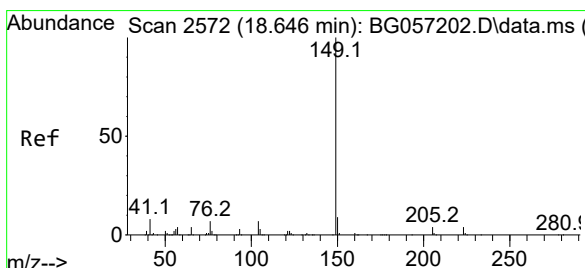
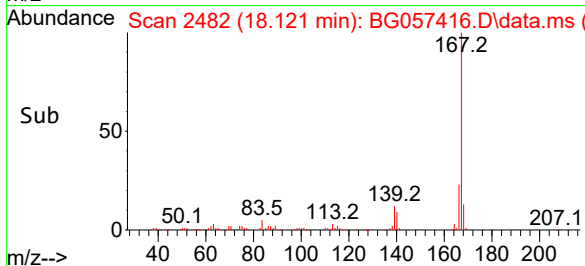
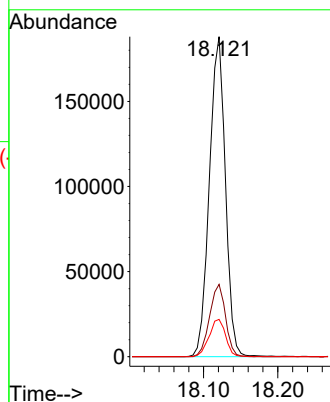
Tgt Ion:167 Resp: 281658

Ion Ratio Lower Upper

167 100

166 22.6 17.4 26.0

139 11.7 9.6 14.4



#74

Di-n-butylphthalate

Concen: 47.978 ng

RT: 18.638 min Scan# 2570

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

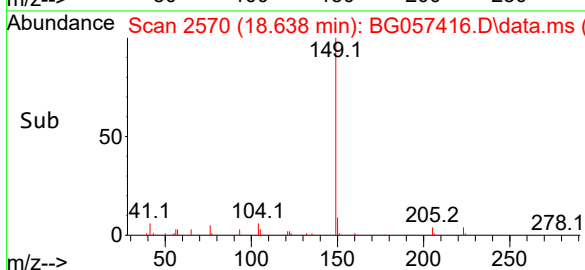
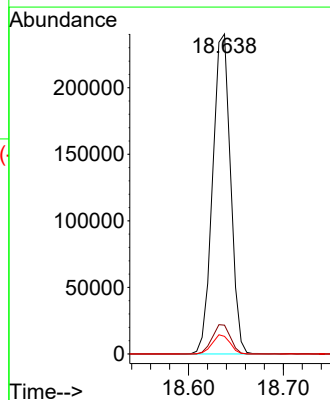
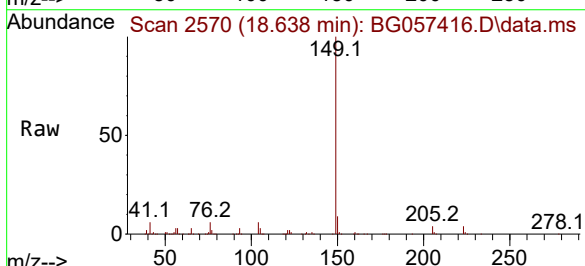
Tgt Ion:149 Resp: 314654

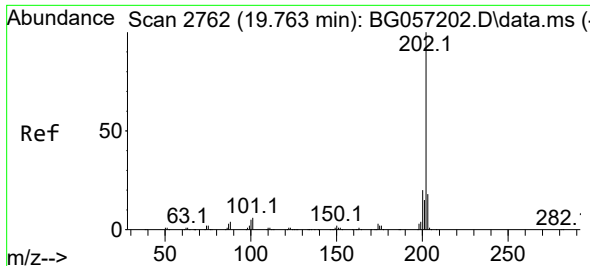
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.5 5.4 8.2

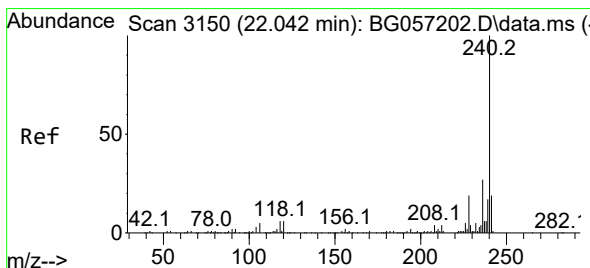
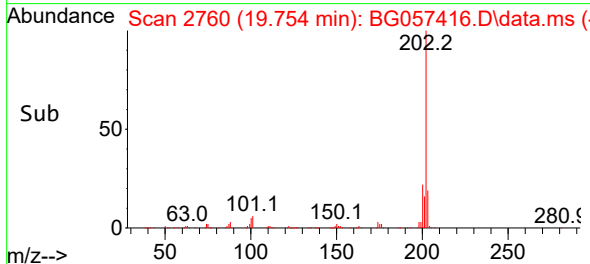
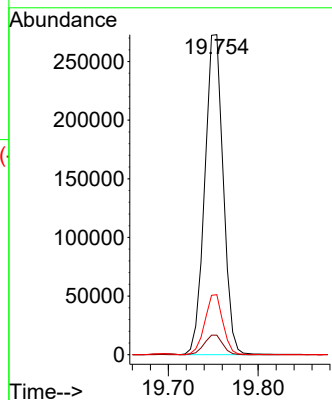
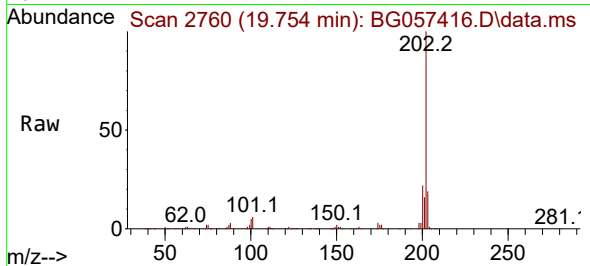




#75
Fluoranthene
Concen: 47.467 ng
RT: 19.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

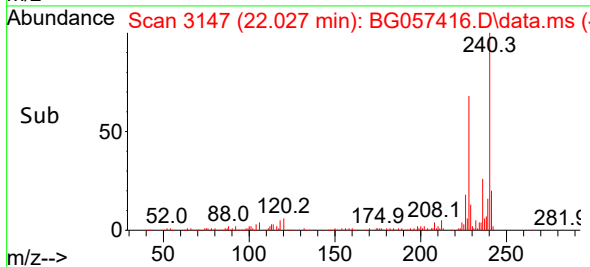
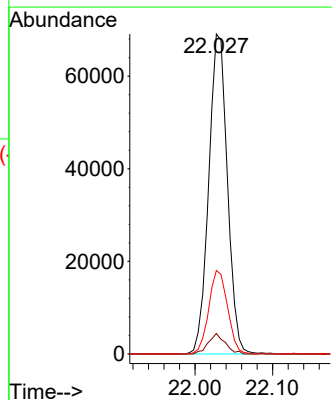
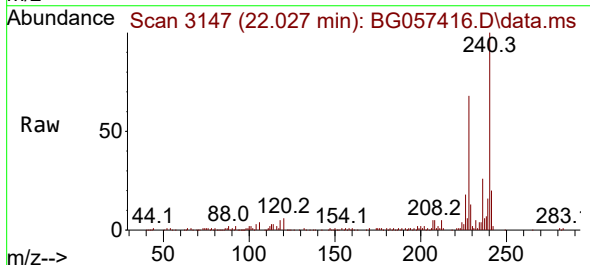
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

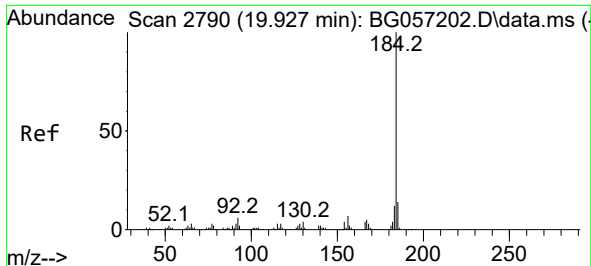
Tgt Ion:202 Resp: 389561
Ion Ratio Lower Upper
202 100
101 6.1 0.0 26.2
203 18.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.027 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:240 Resp: 115438
Ion Ratio Lower Upper
240 100
120 6.4 4.9 7.3
236 26.1 21.4 32.2

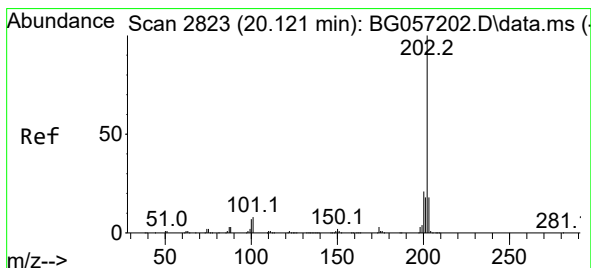
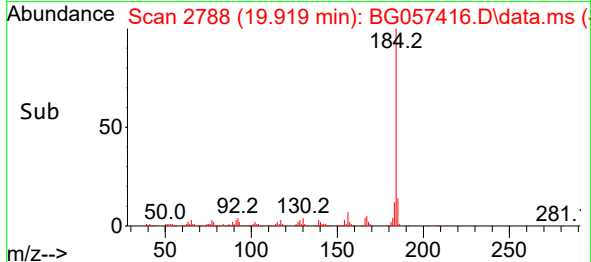
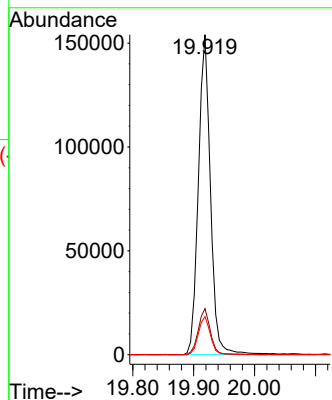
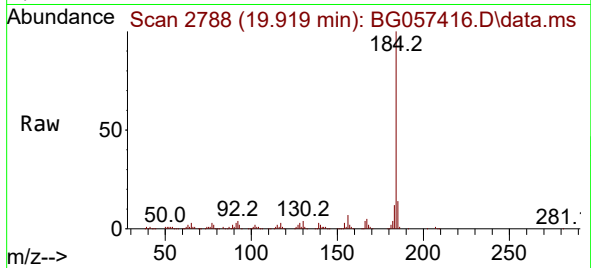




#77
Benzidine
Concen: 82.165 ng
RT: 19.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

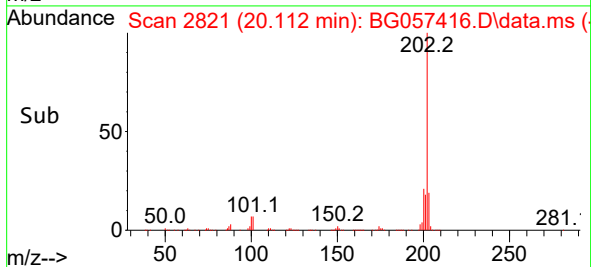
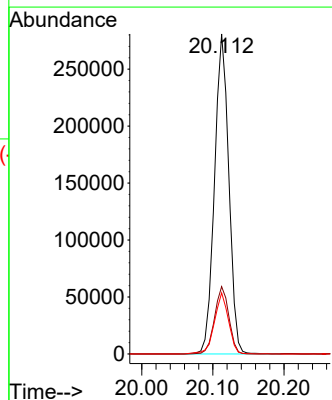
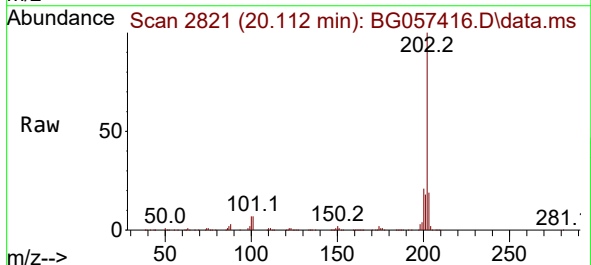
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

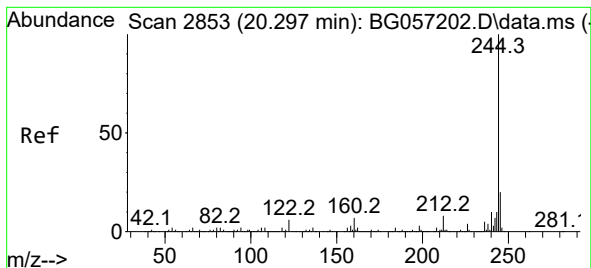
Tgt Ion:184 Resp: 212049
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 11.9 9.9 14.9



#78
Pyrene
Concen: 46.699 ng
RT: 20.112 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:202 Resp: 391728
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 19.1 14.2 21.4





#79

Terphenyl-d14

Concen: 65.752 ng

RT: 20.289 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS

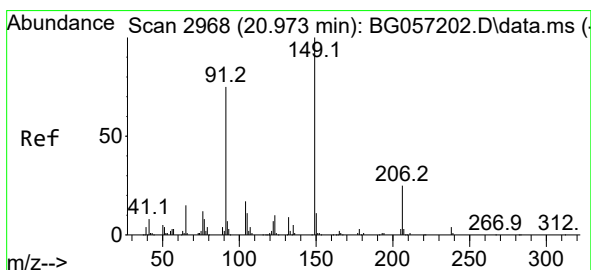
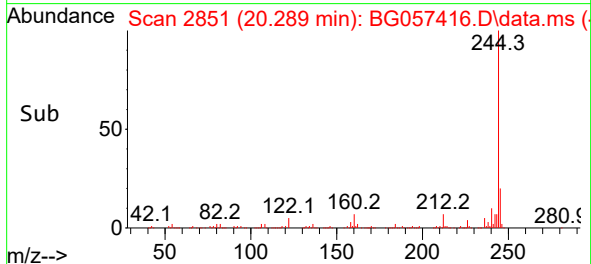
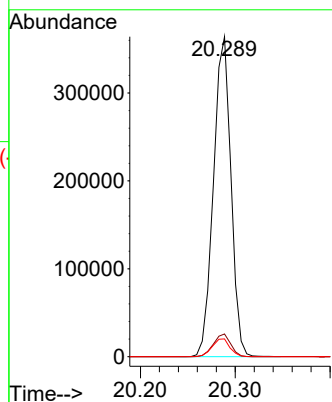
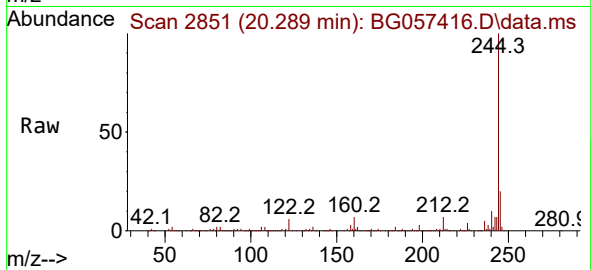
Tgt Ion:244 Resp: 465111

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 5.5 5.1 7.7



#80

Butylbenzylphthalate

Concen: 51.902 ng

RT: 20.964 min Scan# 2966

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

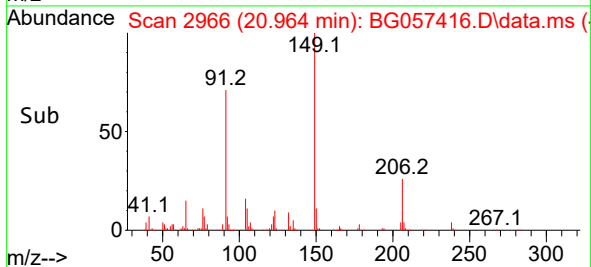
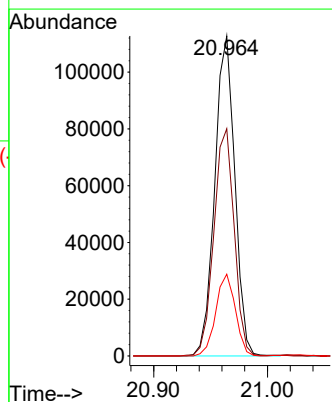
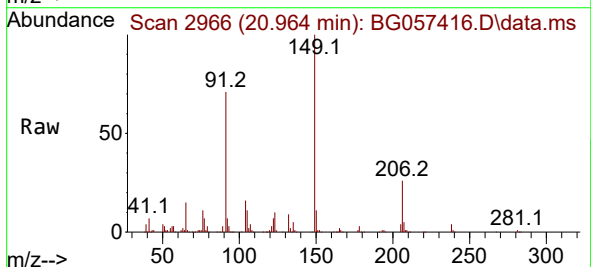
Tgt Ion:149 Resp: 138142

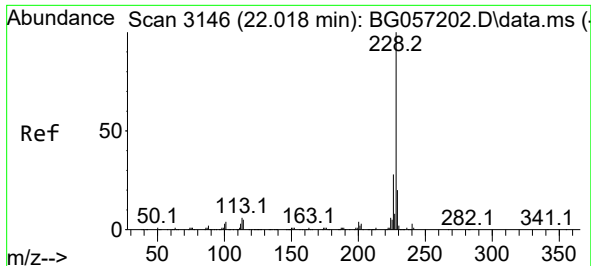
Ion Ratio Lower Upper

149 100

91 71.0 59.7 89.5

206 25.6 19.7 29.5

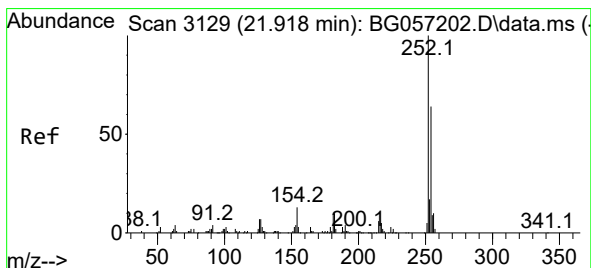
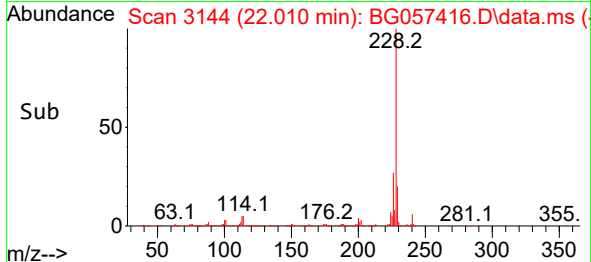
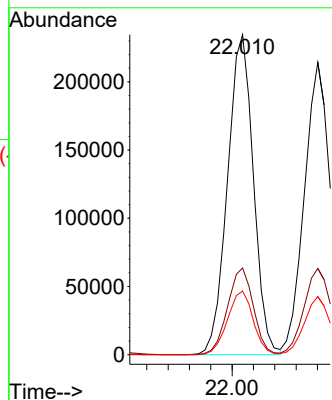
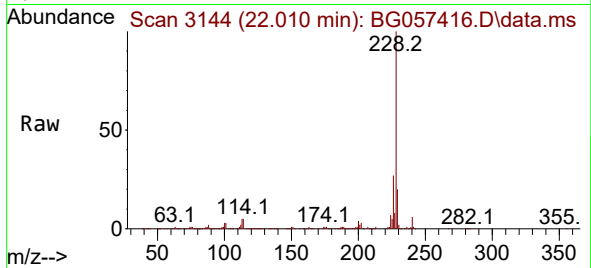




#81
Benzo(a)anthracene
Concen: 48.160 ng
RT: 22.010 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

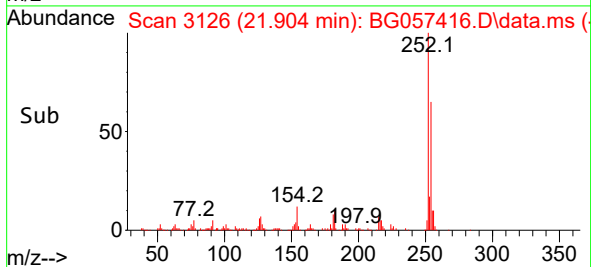
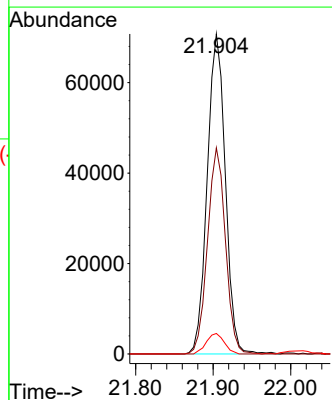
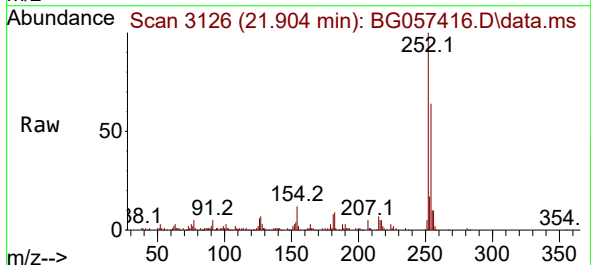
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

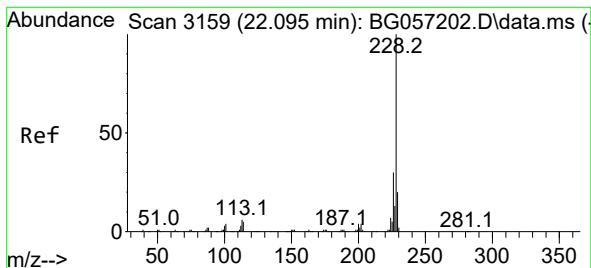
Tgt Ion:228 Resp: 396095
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 43.554 ng
RT: 21.904 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:252 Resp: 114736
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.0
126 6.4 5.9 8.9





#83

Chrysene

Concen: 46.826 ng

RT: 22.080 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS

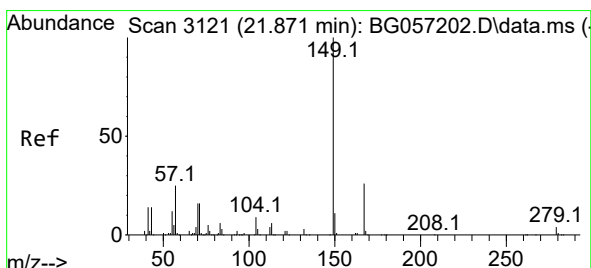
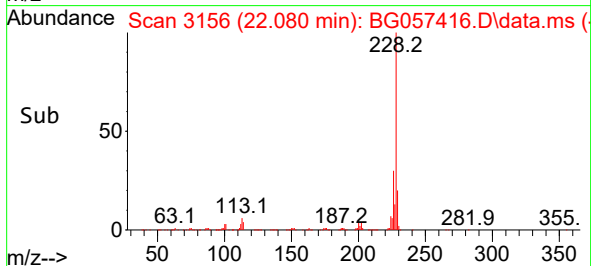
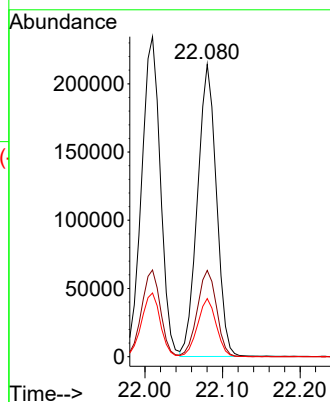
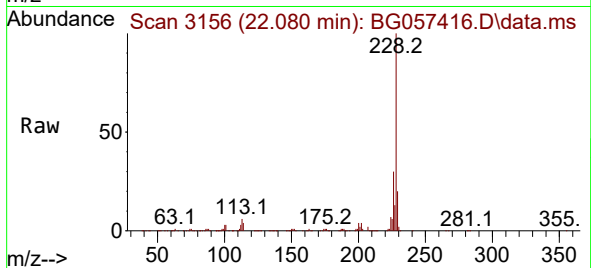
Tgt Ion:228 Resp: 362358

Ion Ratio Lower Upper

228 100

226 29.5 24.3 36.5

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.398 ng

RT: 21.851 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

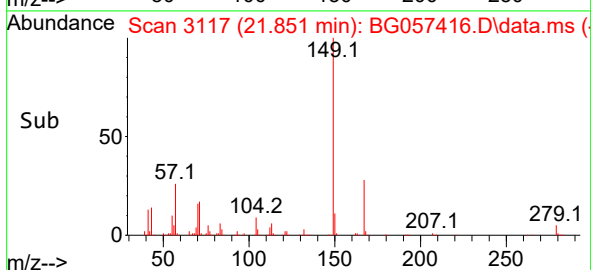
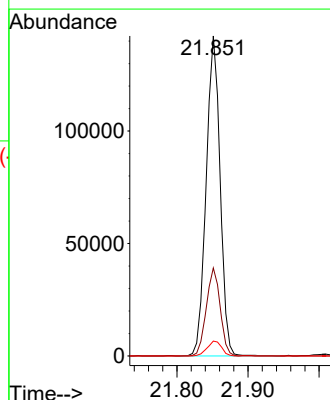
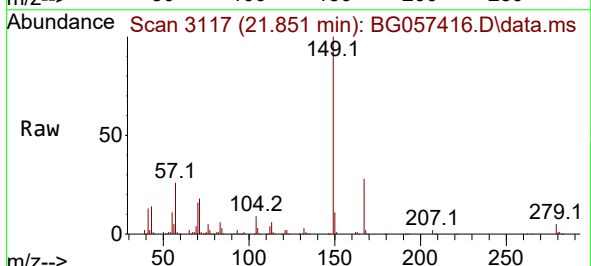
Tgt Ion:149 Resp: 194527

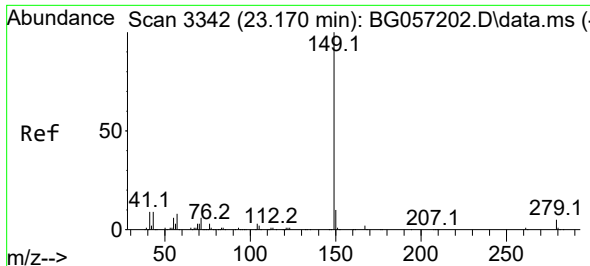
Ion Ratio Lower Upper

149 100

167 27.5 21.2 31.8

279 4.7 3.5 5.3

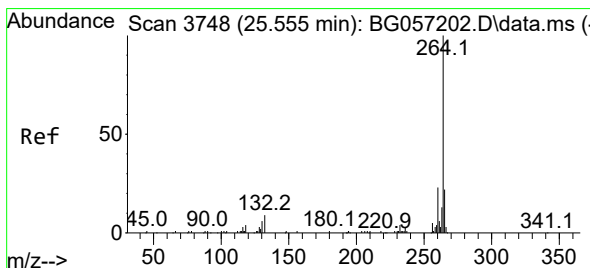
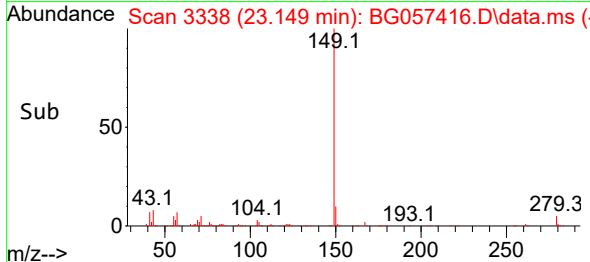
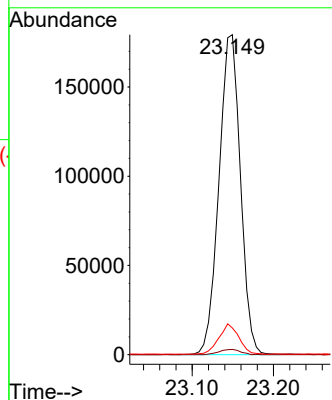
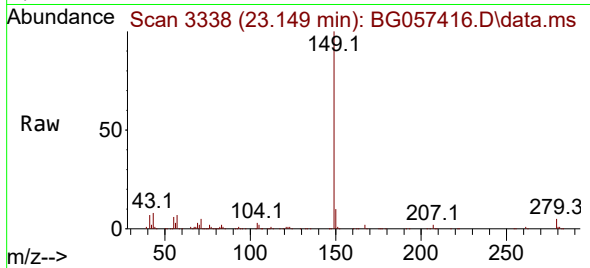




#85
Di-n-octyl phthalate
Concen: 50.186 ng
RT: 23.149 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

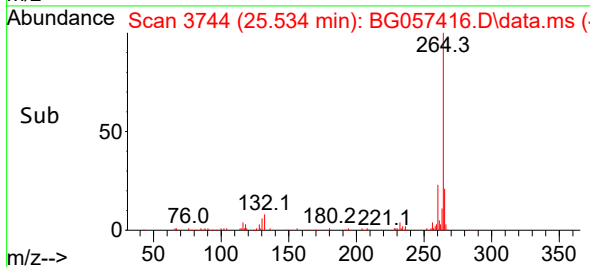
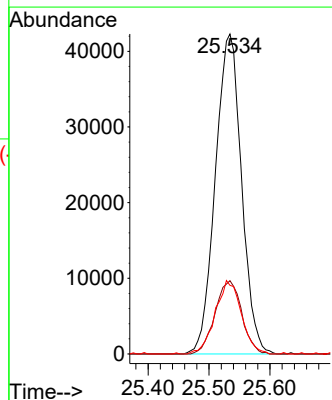
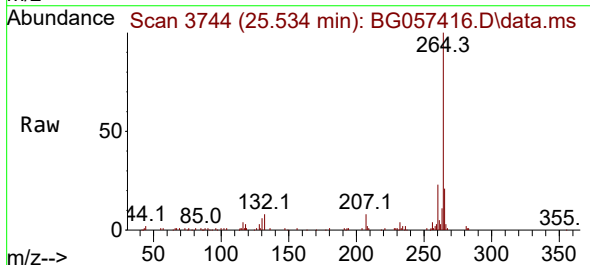
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

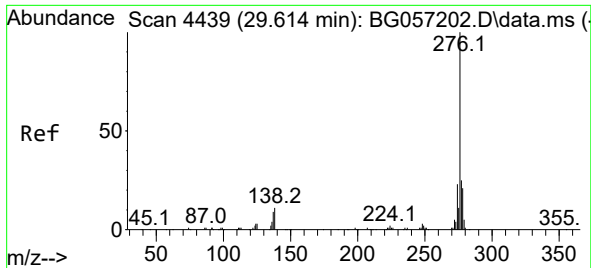
Tgt Ion:149 Resp: 329475
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.534 min Scan# 3744
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:264 Resp: 126085
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.4 17.9 26.9

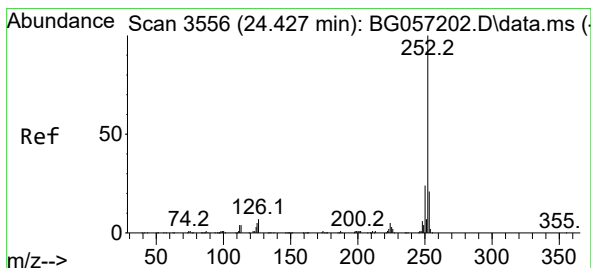
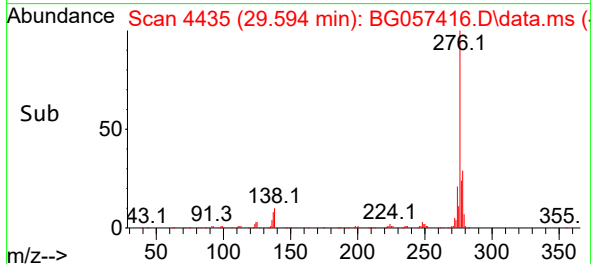
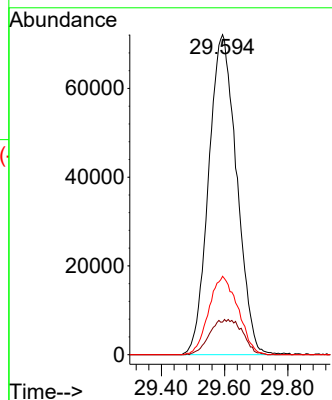
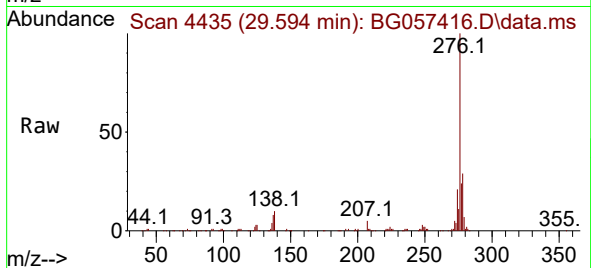




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.334 ng
 RT: 29.594 min Scan# 4439
 Delta R.T. -0.006 min
 Lab File: BG057416.D
 Acq: 12 May 2023 19:38

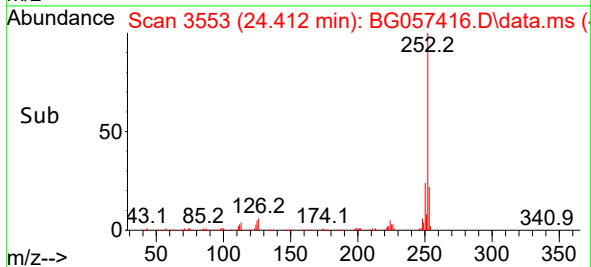
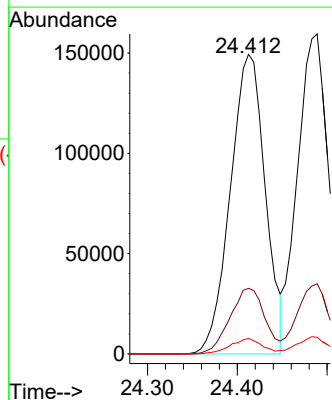
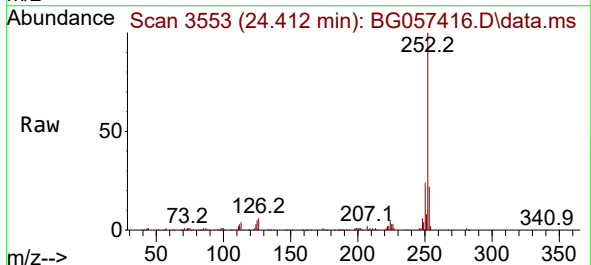
Instrument :
 BNA_G
 ClientSampleId :
 SB-03-10-12-20230510MS

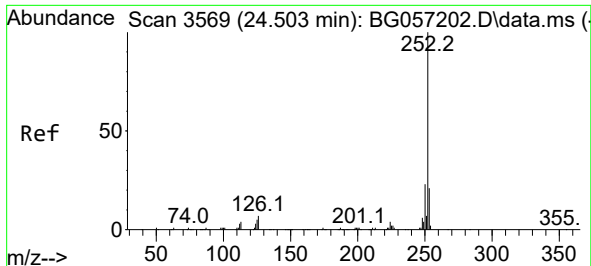
Tgt Ion:276 Resp: 444152
 Ion Ratio Lower Upper
 276 100
 138 4.9 5.4 8.0#
 277 25.5 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 48.894 ng
 RT: 24.412 min Scan# 3553
 Delta R.T. 0.000 min
 Lab File: BG057416.D
 Acq: 12 May 2023 19:38

Tgt Ion:252 Resp: 402992
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.0 25.6
 125 5.2 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 46.493 ng

RT: 24.489 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS

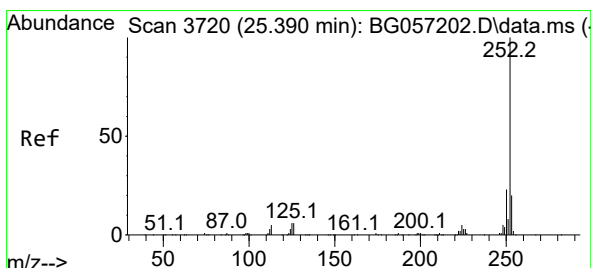
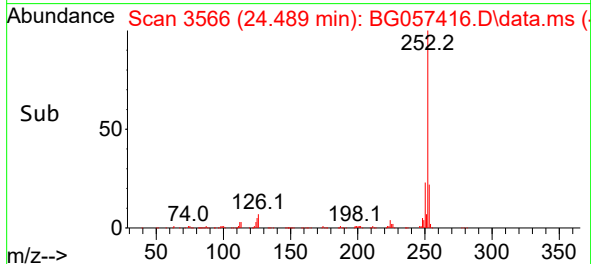
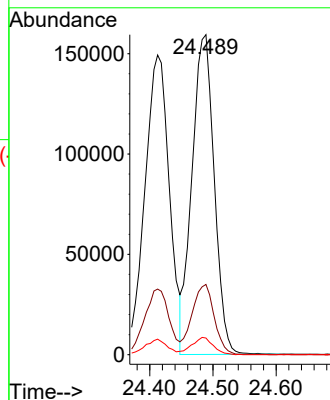
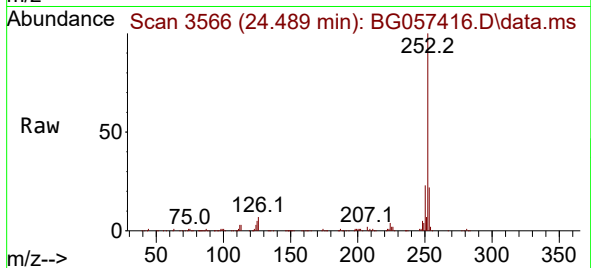
Tgt Ion:252 Resp: 389401

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 5.2 4.1 6.1



#90

Benzo(a)pyrene

Concen: 43.906 ng

RT: 25.370 min Scan# 3716

Delta R.T. -0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

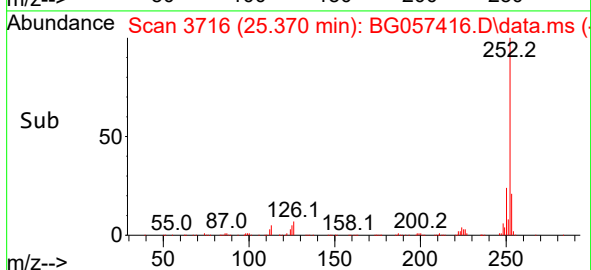
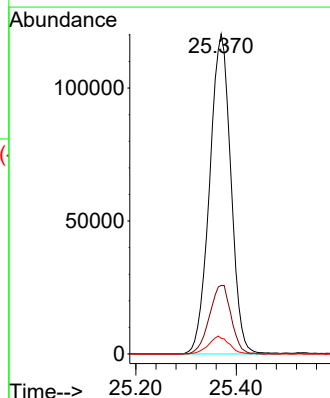
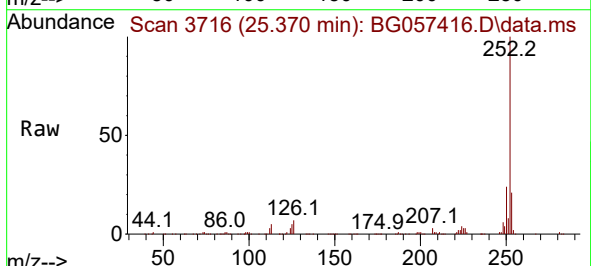
Tgt Ion:252 Resp: 353540

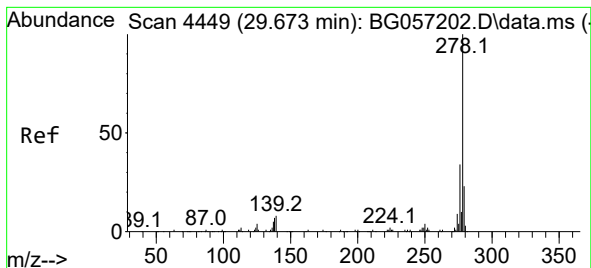
Ion Ratio Lower Upper

252 100

253 21.4 16.3 24.5

125 4.9 5.0 7.4#





#91

Dibenzo(a,h)anthracene

Concen: 48.114 ng

RT: 29.641 min Scan# 4443

Delta R.T. -0.012 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS

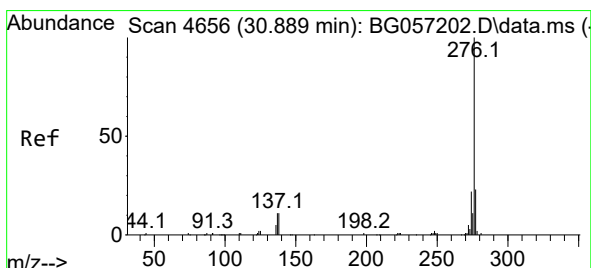
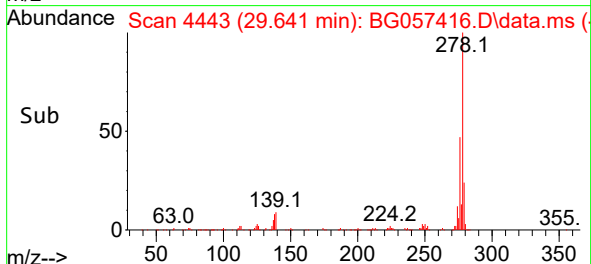
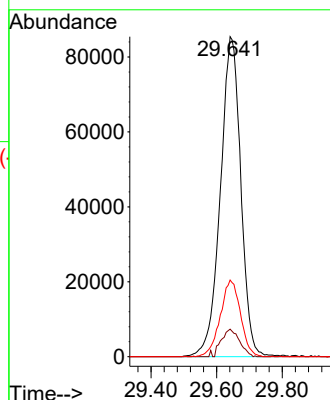
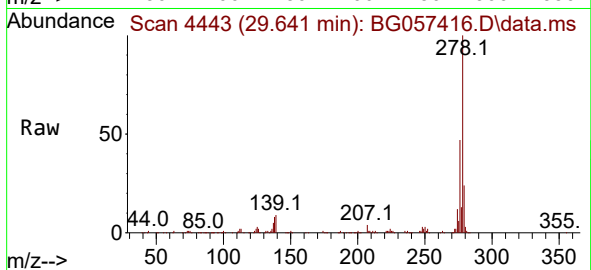
Tgt Ion:278 Resp: 368202

Ion Ratio Lower Upper

278 100

139 8.6 6.2 9.2

279 24.0 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 47.783 ng

RT: 30.863 min Scan# 4651

Delta R.T. -0.012 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Tgt Ion:276 Resp: 357048

Ion Ratio Lower Upper

276 100

277 23.3 18.4 27.6

138 11.1 9.0 13.4

