

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
 Data File : BG056536.D
 Acq On : 3 Feb 2023 12:58
 Operator : CG/JU
 Sample : PB150626BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150626BS

Quant Time: Feb 04 05:10:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	30028	20.000	ng	0.00
21) Naphthalene-d8	11.109	136	117455	20.000	ng	# 0.00
39) Acenaphthene-d10	14.898	164	100480	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	272654	20.000	ng	# 0.00
76) Chrysene-d12	21.925	240	261179	20.000	ng	0.00
86) Perylene-d12	25.345	264	276112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	197460	120.968	ng	0.00
7) Phenol-d6	7.419	99	272375	112.618	ng	0.00
23) Nitrobenzene-d5	9.452	82	140949	68.143	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	140033	104.829	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	476364	65.729	ng	0.00
79) Terphenyl-d14	20.210	244	989947	66.571	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.582	88	25534	37.567	ng	# 93
3) Pyridine	4.005	79	68493	33.805	ng	95
4) n-Nitrosodimethylamine	3.917	42	17767	41.235	ng	# 100
6) Aniline	7.583	93	107842	34.056	ng	95
8) 2-Chlorophenol	7.836	128	86982	48.507	ng	99
9) Benzaldehyde	7.395	77	51733	51.345	ng	94
10) Phenol	7.448	94	123162	50.103	ng	97
11) bis(2-Chloroethyl)ether	7.677	93	72990	43.199	ng	98
12) 1,3-Dichlorobenzene	8.159	146	91836	44.481	ng	94
13) 1,4-Dichlorobenzene	8.306	146	94523	45.207	ng	95
14) 1,2-Dichlorobenzene	8.629	146	91756	45.231	ng	99
15) Benzyl Alcohol	8.506	79	74808	45.081	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.788	45	14984	41.854	ng	90
17) 2-Methylphenol	8.711	107	83689	44.751	ng	95
18) Hexachloroethane	9.369	117	28715	45.406	ng	91
19) n-Nitroso-di-n-propyla...	9.076	70	56395	40.462	ng	96
20) 3+4-Methylphenols	9.040	107	117010	44.647	ng	99
22) Acetophenone	9.099	105	135674	43.474	ng	# 99
24) Nitrobenzene	9.493	77	89064	44.640	ng	94
25) Isophorone	10.010	82	176662	41.400	ng	99
26) 2-Nitrophenol	10.210	139	54003	44.612	ng	97
27) 2,4-Dimethylphenol	10.257	122	93540	46.172	ng	98
28) bis(2-Chloroethoxy)met...	10.486	93	100946	42.822	ng	98
29) 2,4-Dichlorophenol	10.750	162	109541	48.036	ng	96
30) 1,2,4-Trichlorobenzene	10.962	180	115481	45.571	ng	99
31) Naphthalene	11.156	128	268781	43.356	ng	99
32) Benzoic acid	10.409	122	45625	40.254	ng	99
33) 4-Chloroaniline	11.261	127	93521	32.318	ng	99
34) Hexachlorobutadiene	11.432	225	78899	44.356	ng	95
35) Caprolactam	12.031	113	18863	24.527	ng	91
36) 4-Chloro-3-methylphenol	12.366	107	104804	47.590	ng	96
37) 2-Methylnaphthalene	12.742	142	216092	42.281	ng	99
38) 1-Methylnaphthalene	12.959	142	198570	41.601	ng	95
40) 1,2,4,5-Tetrachloroben...	13.106	216	158530	43.186	ng	98
41) Hexachlorocyclopentadiene	13.077	237	155895	80.104	ng	97
43) 2,4,6-Trichlorophenol	13.341	196	106325	44.946	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
 Data File : BG056536.D
 Acq On : 3 Feb 2023 12:58
 Operator : CG/JU
 Sample : PB150626BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150626BS

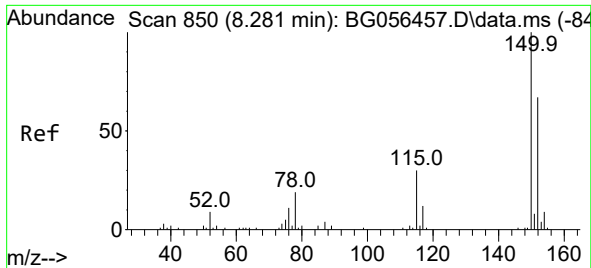
Quant Time: Feb 04 05:10:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.418	196	115293	41.627	ng	99
46) 1,1'-Biphenyl	13.729	154	314271	43.122	ng	98
47) 2-Chloronaphthalene	13.782	162	252215	44.275	ng	98
48) 2-Nitroaniline	13.982	65	52900	44.921	ng	96
49) Acenaphthylene	14.622	152	400612	43.224	ng	99
50) Dimethylphthalate	14.334	163	349169	42.953	ng	99
51) 2,6-Dinitrotoluene	14.463	165	78438	44.246	ng	97
52) Acenaphthene	14.963	154	234532	42.672	ng	98
53) 3-Nitroaniline	14.798	138	56537	32.896	ng	99
54) 2,4-Dinitrophenol	15.010	184	104843	94.335	ng	96
55) Dibenzofuran	15.292	168	426101	43.229	ng	99
56) 4-Nitrophenol	15.104	139	108909	92.740	ng	97
57) 2,4-Dinitrotoluene	15.251	165	113642	45.510	ng	99
58) Fluorene	15.938	166	350870	44.736	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.515	232	116130	47.157	ng	98
60) Diethylphthalate	15.686	149	335856	43.998	ng	99
61) 4-Chlorophenyl-phenyle...	15.915	204	210791	44.045	ng	97
62) 4-Nitroaniline	15.956	138	74110	43.094	ng	97
63) Azobenzene	16.208	77	233817	44.516	ng	96
65) 4,6-Dinitro-2-methylph...	16.015	198	79187	41.310	ng	97
66) n-Nitrosodiphenylamine	16.132	169	324649	42.055	ng	99
67) 4-Bromophenyl-phenylether	16.814	248	148922	42.666	ng	99
68) Hexachlorobenzene	16.943	284	152341	44.562	ng	100
69) Atrazine	17.066	200	143056	48.035	ng	99
70) Pentachlorophenol	17.284	266	155891	75.362	ng	96
71) Phenanthrene	17.677	178	614704	43.076	ng	99
72) Anthracene	17.765	178	635820	43.404	ng	100
73) Carbazole	18.036	167	553834	44.391	ng	99
74) Di-n-butylphthalate	18.559	149	556089	42.450	ng	99
75) Fluoranthene	19.669	202	770278	42.768	ng	99
77) Benzidine	19.840	184	313849	44.405	ng	98
78) Pyrene	20.033	202	784146	42.214	ng	99
80) Butylbenzylphthalate	20.885	149	234901	41.406	ng	99
81) Benzo(a)anthracene	21.902	228	780022	42.719	ng	100
82) 3,3'-Dichlorobenzidine	21.802	252	191627	29.143	ng	100
83) Chrysene	21.978	228	722011	42.089	ng	99
84) Bis(2-ethylhexyl)phtha...	21.761	149	337675	41.516	ng	99
85) Di-n-octyl phthalate	23.036	149	567174	41.873	ng	100
87) Indeno(1,2,3-cd)pyrene	29.299	276	914003	45.221	ng	# 90
88) Benzo(b)fluoranthene	24.258	252	816790	47.659	ng	98
89) Benzo(k)fluoranthene	24.328	252	784610	45.345	ng	99
90) Benzo(a)pyrene	25.192	252	714778	42.340	ng	97
91) Dibenzo(a,h)anthracene	29.352	278	770273	45.402	ng	99
92) Benzo(g,h,i)perylene	30.545	276	744395	45.473	ng	99

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

Quant Time: Feb 04 05:10:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

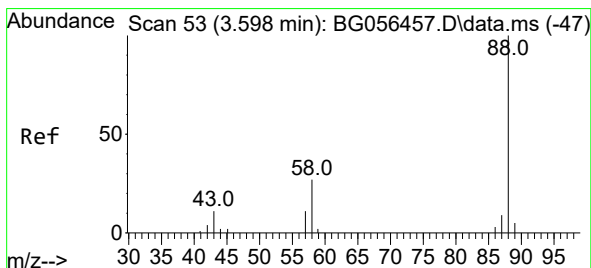
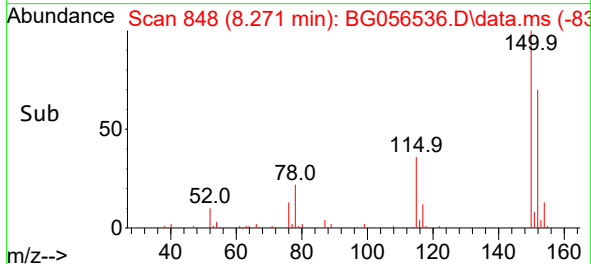
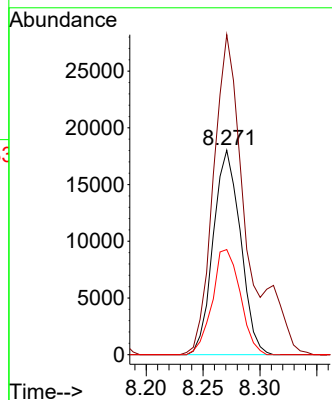
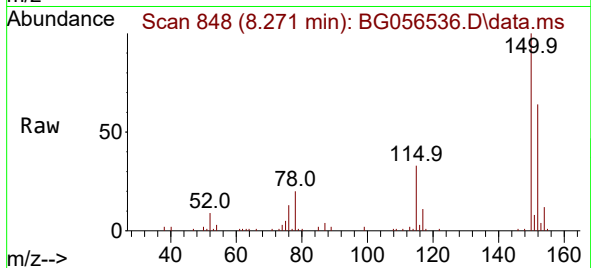




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

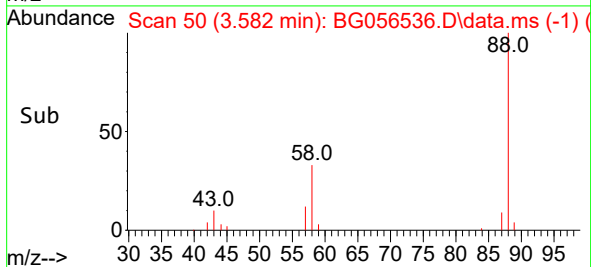
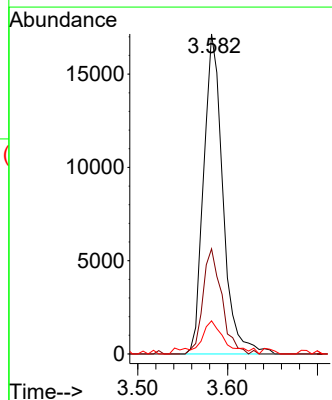
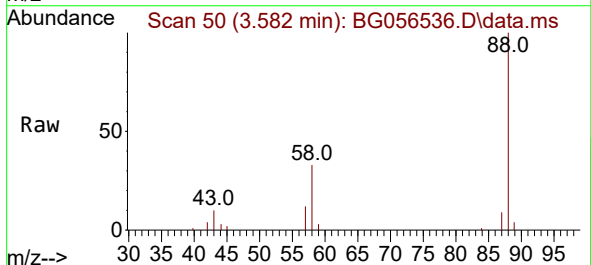
Instrument :
BNA_G
ClientSampleId :
PB150626BS

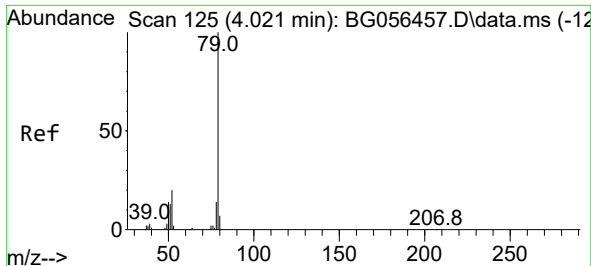
Tgt Ion:152 Resp: 30028
Ion Ratio Lower Upper
152 100
150 156.5 120.2 180.4
115 51.4 36.3 54.5



#2
1,4-Dioxane
Concen: 37.567 ng
RT: 3.582 min Scan# 50
Delta R.T. -0.016 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion: 88 Resp: 25534
Ion Ratio Lower Upper
88 100
58 32.4 23.0 34.4
43 13.1 8.0 12.0#





#3

Pyridine

Concen: 33.805 ng

RT: 4.005 min Scan# 11

Delta R.T. -0.016 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

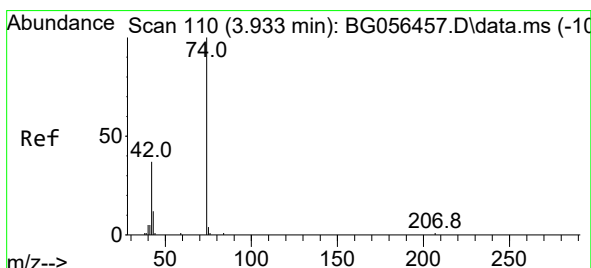
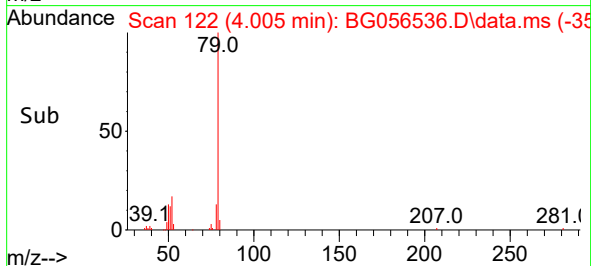
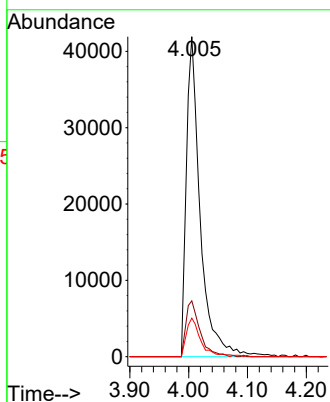
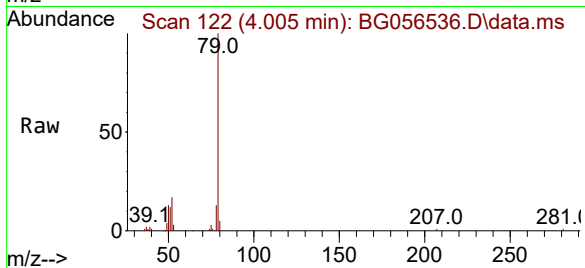
Tgt Ion: 79 Resp: 68493

Ion Ratio Lower Upper

79 100

52 17.5 16.1 24.1

51 12.1 10.7 16.1



#4

n-Nitrosodimethylamine

Concen: 41.235 ng

RT: 3.917 min Scan# 107

Delta R.T. -0.011 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

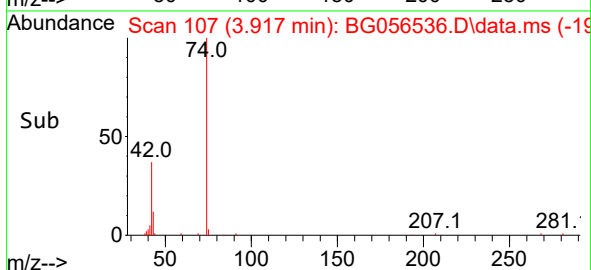
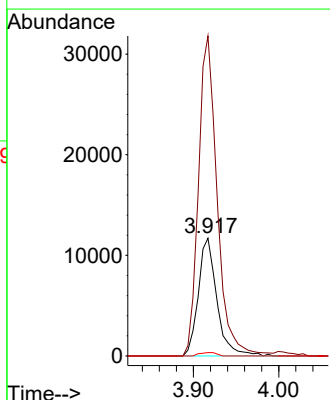
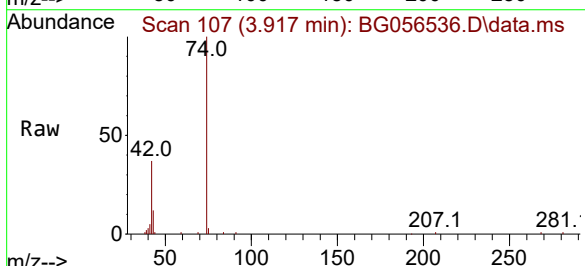
Tgt Ion: 42 Resp: 17767

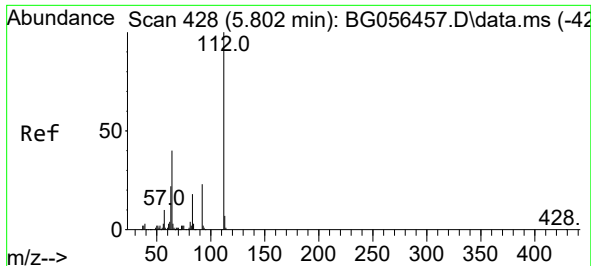
Ion Ratio Lower Upper

42 100

74 271.6 217.9 326.9

44 2.9 3.0 4.6#

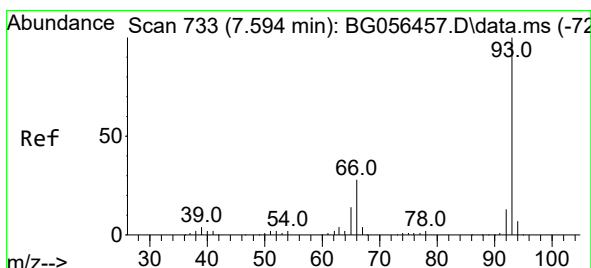
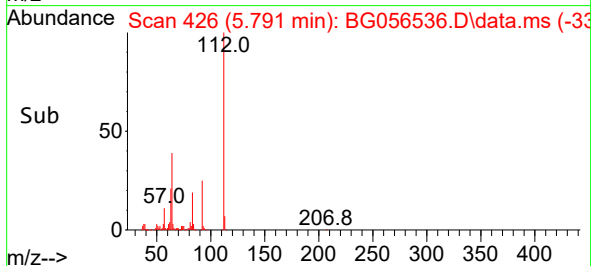
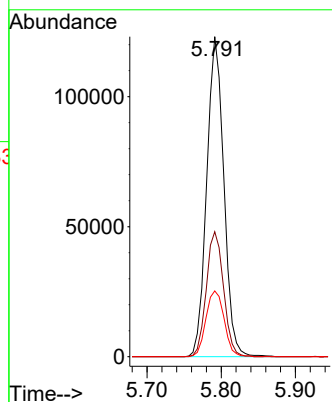
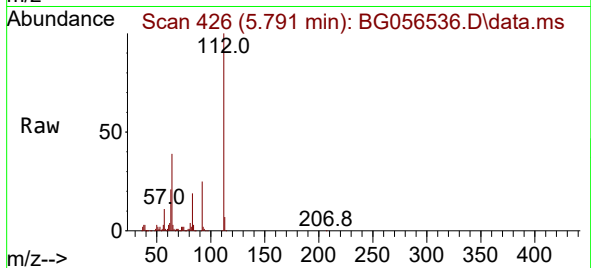




#5
2-Fluorophenol
Concen: 120.968 ng
RT: 5.791 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

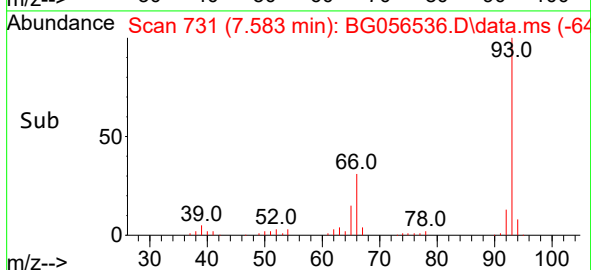
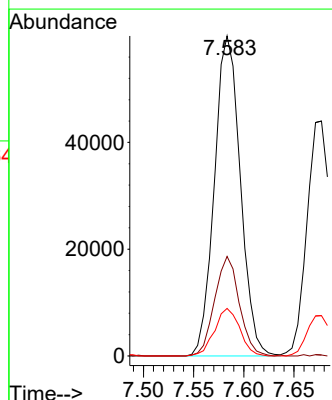
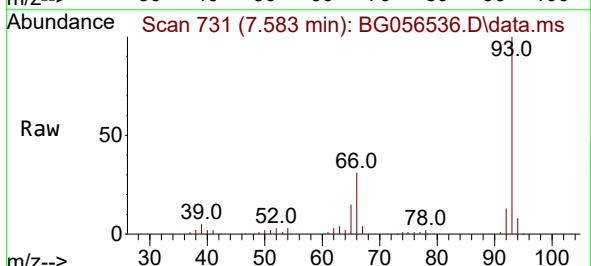
Instrument :
BNA_G
ClientSampleId :
PB150626BS

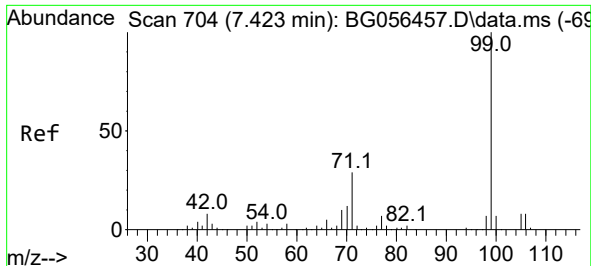
Tgt Ion:112 Resp: 197460
Ion Ratio Lower Upper
112 100
64 39.0 31.9 47.9
63 20.5 17.4 26.0



#6
Aniline
Concen: 34.056 ng
RT: 7.583 min Scan# 731
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion: 93 Resp: 107842
Ion Ratio Lower Upper
93 100
66 31.1 22.2 33.2
65 14.9 11.3 16.9

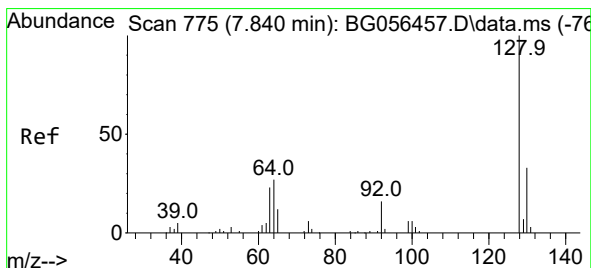
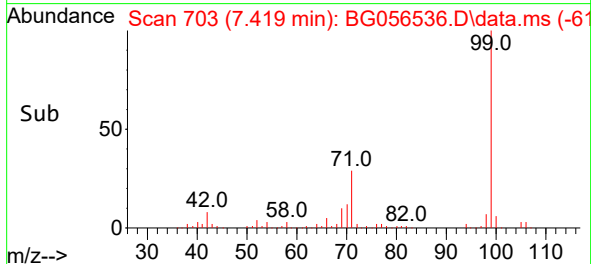
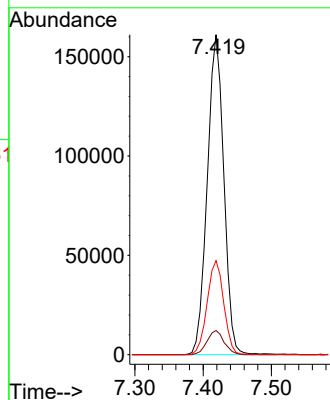
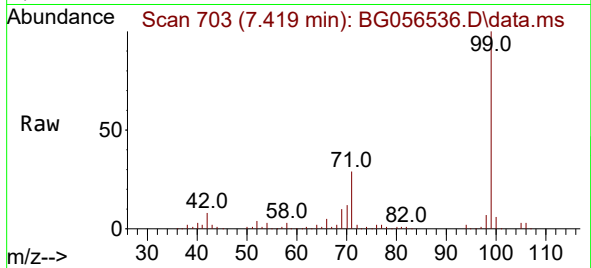




#7
Phenol-d6
Concen: 112.618 ng
RT: 7.419 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

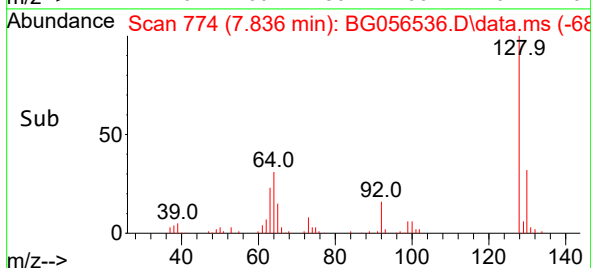
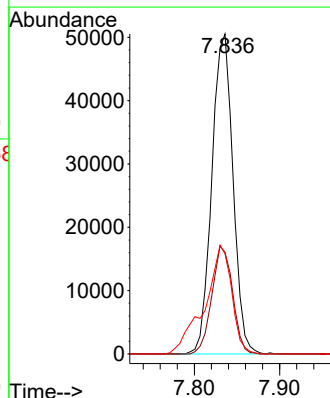
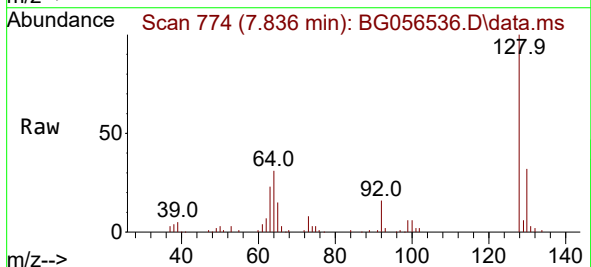
Instrument :
BNA_G
ClientSampleId :
PB150626BS

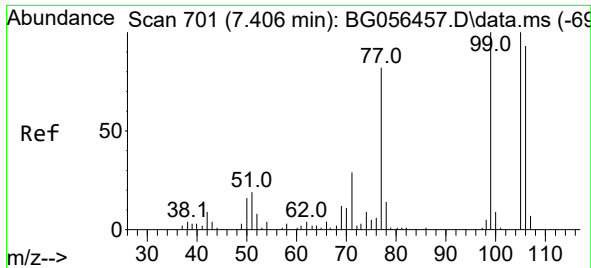
Tgt Ion: 99 Resp: 272375
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 29.4 23.4 35.0



#8
2-Chlorophenol
Concen: 48.507 ng
RT: 7.836 min Scan# 774
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion: 128 Resp: 86982
Ion Ratio Lower Upper
128 100
130 31.8 12.8 52.8
64 31.3 11.3 51.3

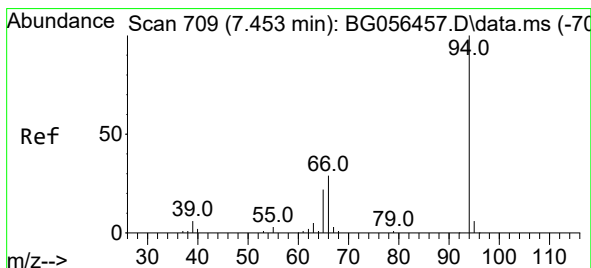
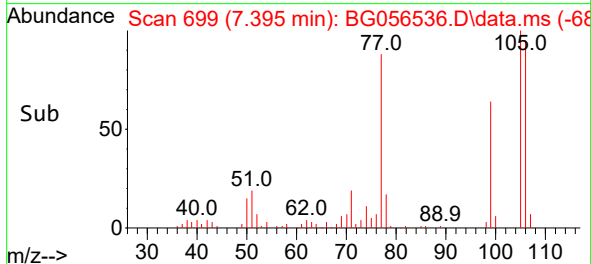
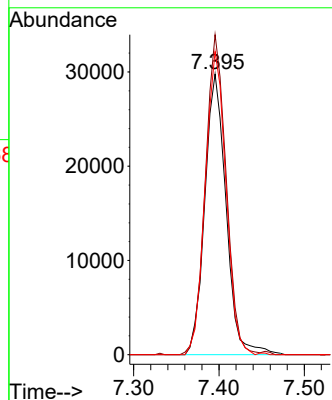
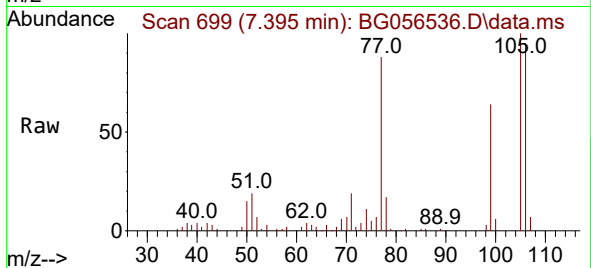




#9
Benzaldehyde
Concen: 51.345 ng
RT: 7.395 min Scan# 699
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

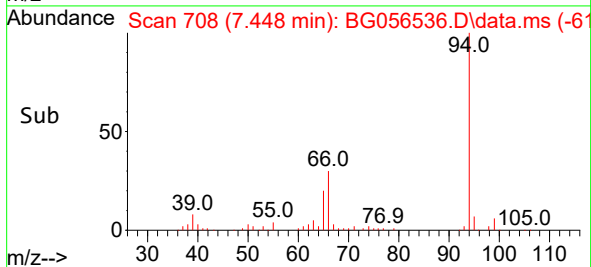
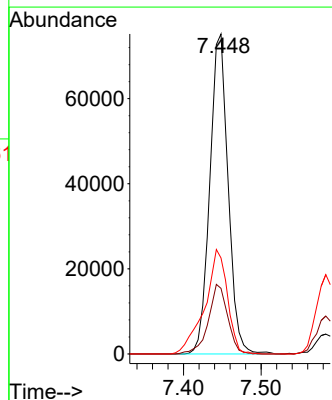
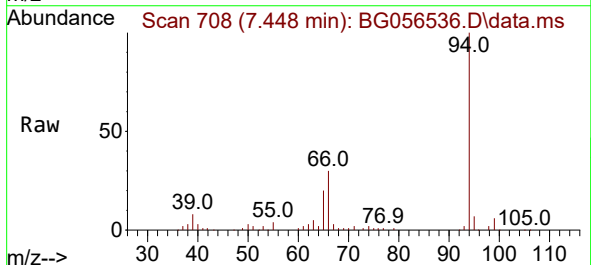
Instrument :
BNA_G
ClientSampleId :
PB150626BS

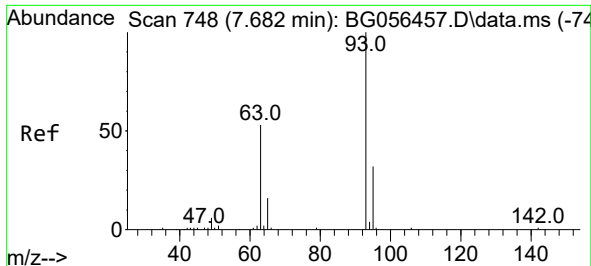
Tgt Ion: 77 Resp: 51733
Ion Ratio Lower Upper
77 100
105 114.0 101.8 141.8
106 108.0 93.0 133.0



#10
Phenol
Concen: 50.103 ng
RT: 7.448 min Scan# 708
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion: 94 Resp: 123162
Ion Ratio Lower Upper
94 100
65 20.5 2.3 42.3
66 30.0 11.2 51.2

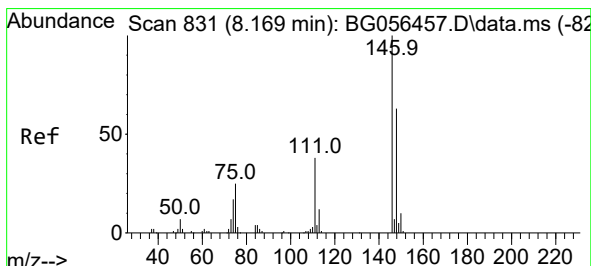
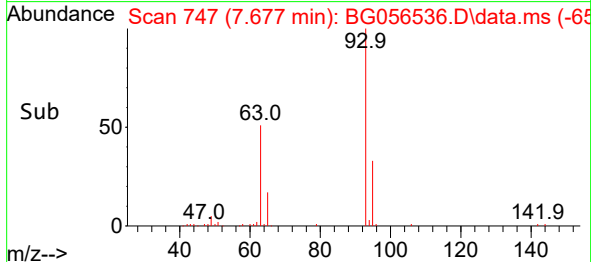
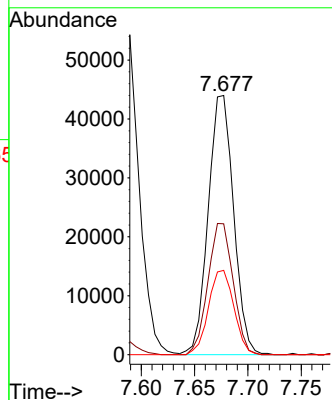
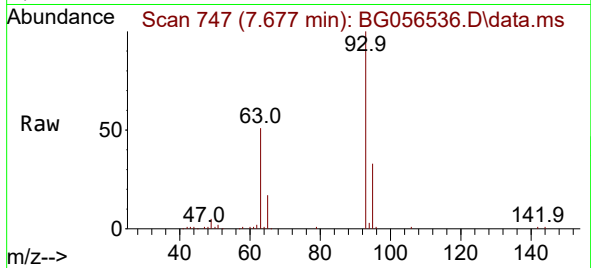




#11
bis(2-Chloroethyl)ether
Concen: 43.199 ng
RT: 7.677 min Scan# 748
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

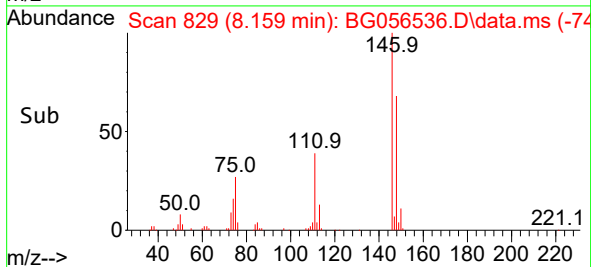
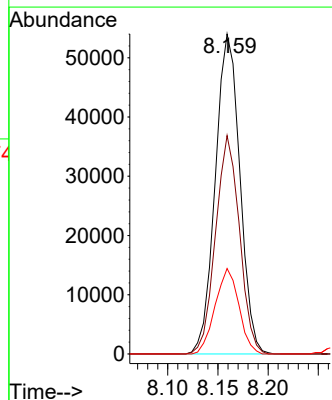
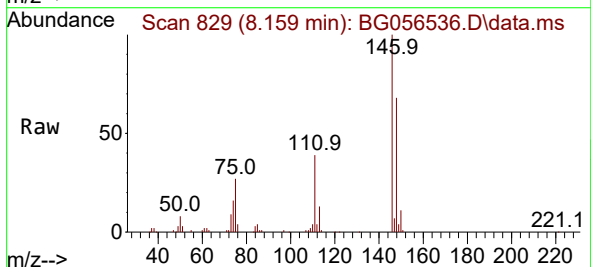
Instrument :
BNA_G
ClientSampleId :
PB150626BS

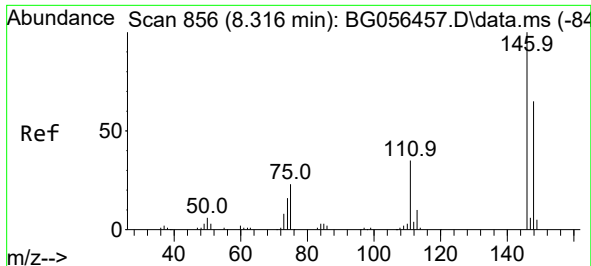
Tgt Ion: 93 Resp: 72990
Ion Ratio Lower Upper
93 100
63 50.5 32.4 72.4
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.481 ng
RT: 8.159 min Scan# 829
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion: 146 Resp: 91836
Ion Ratio Lower Upper
146 100
148 68.3 50.6 75.8
75 26.7 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 45.207 ng

RT: 8.306 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

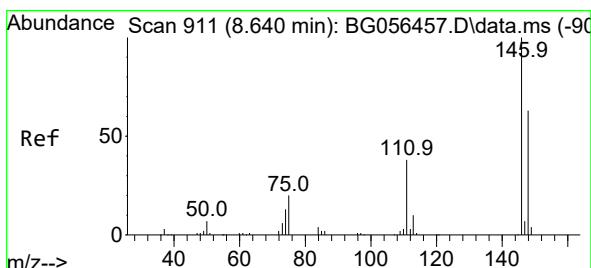
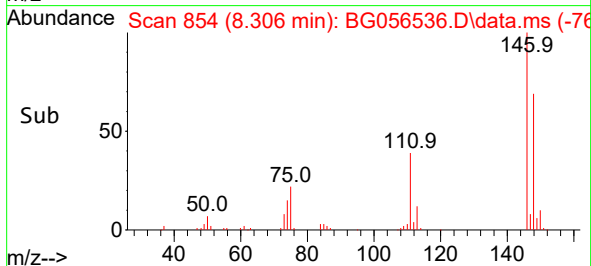
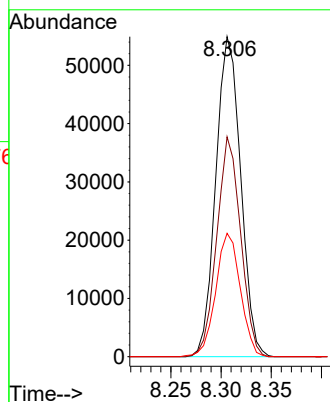
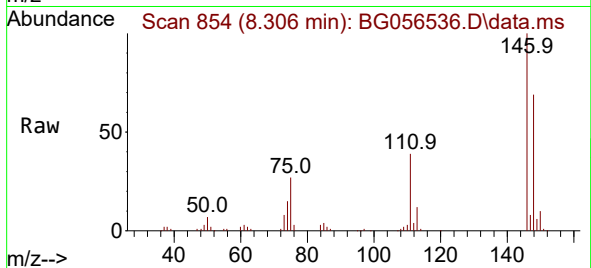
Tgt Ion:146 Resp: 94523

Ion Ratio Lower Upper

146 100

148 68.7 51.8 77.6

111 38.5 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 45.231 ng

RT: 8.629 min Scan# 909

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

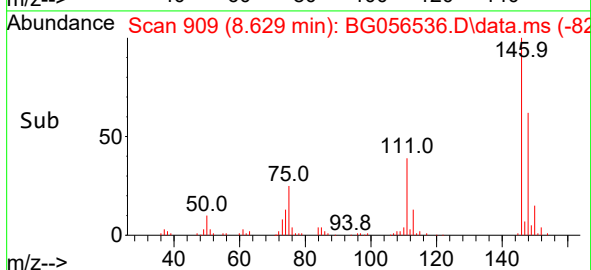
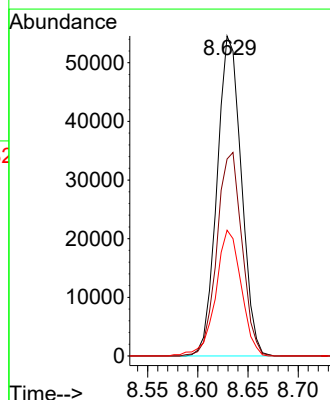
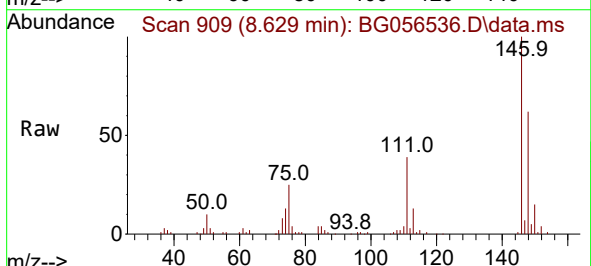
Tgt Ion:146 Resp: 91756

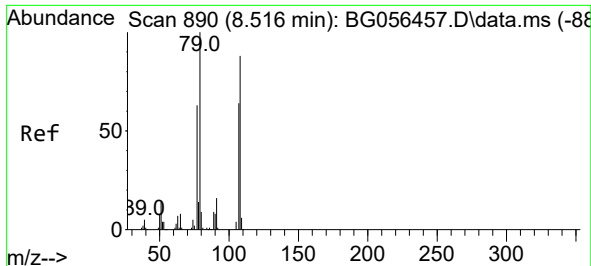
Ion Ratio Lower Upper

146 100

148 61.6 50.1 75.1

111 39.3 30.9 46.3

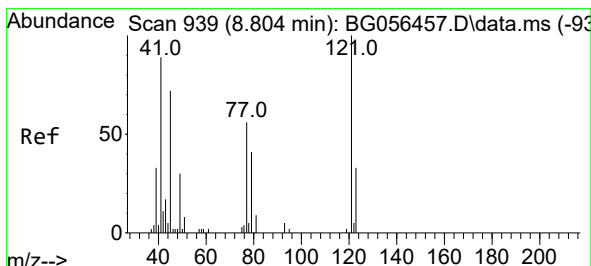
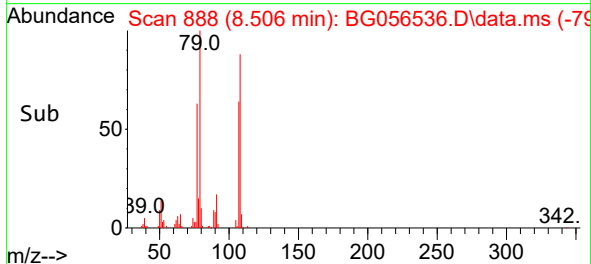
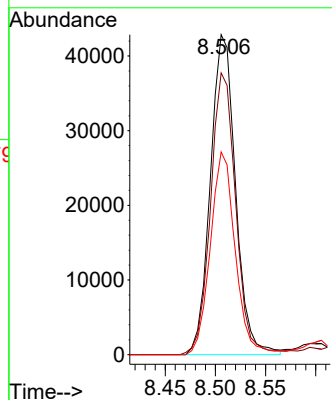
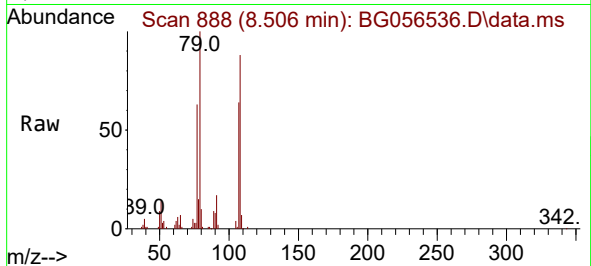




#15
Benzyl Alcohol
Concen: 45.081 ng
RT: 8.506 min Scan# 890
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

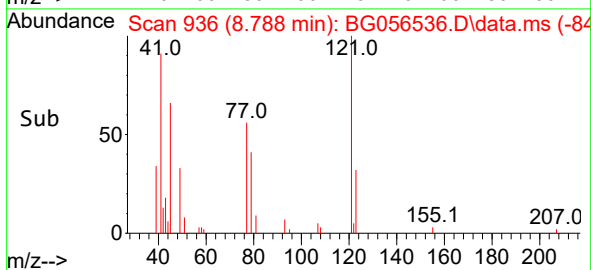
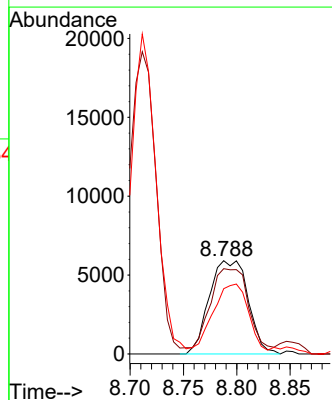
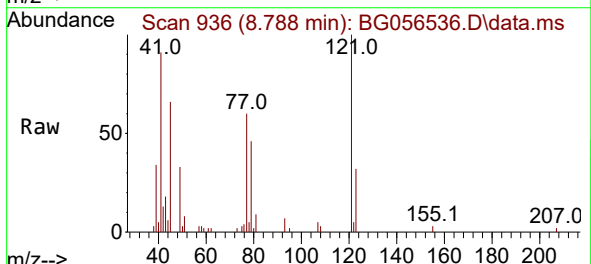
Instrument :
BNA_G
ClientSampleId :
PB150626BS

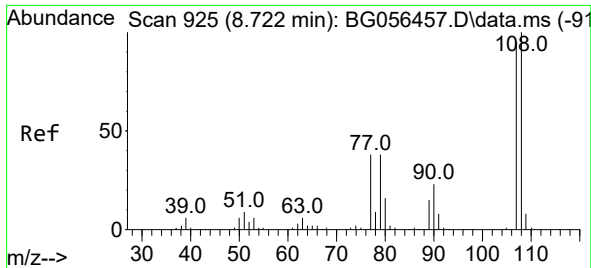
Tgt Ion: 79 Resp: 74808
Ion Ratio Lower Upper
79 100
108 88.1 70.1 105.1
77 63.4 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.854 ng
RT: 8.788 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion: 45 Resp: 14984
Ion Ratio Lower Upper
45 100
77 91.4 62.1 102.1
79 70.0 42.7 82.7

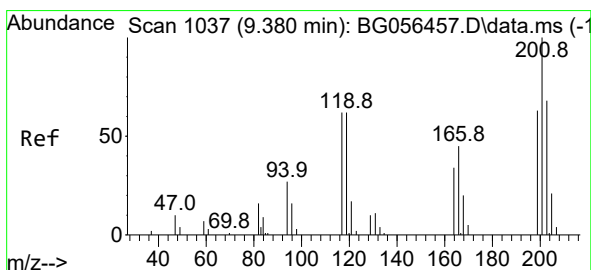
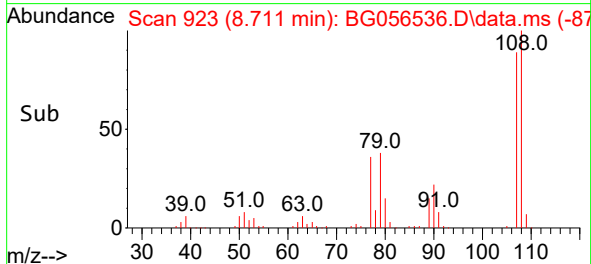
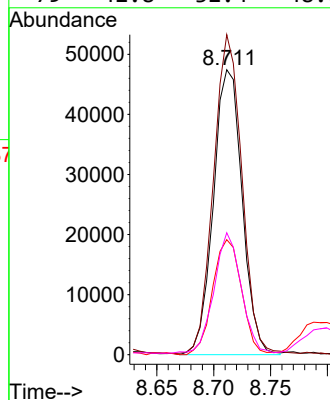
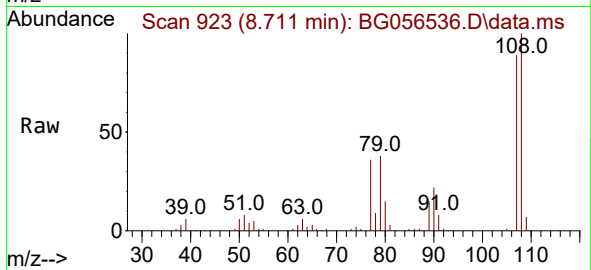




#17
2-Methylphenol
Concen: 44.751 ng
RT: 8.711 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

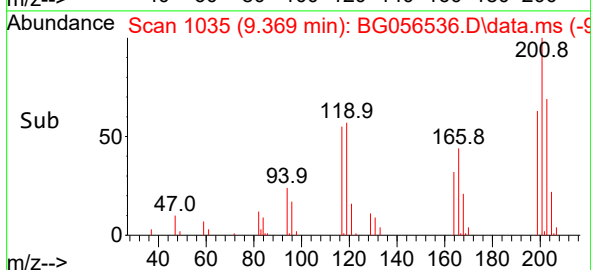
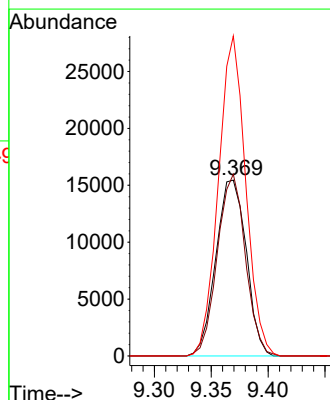
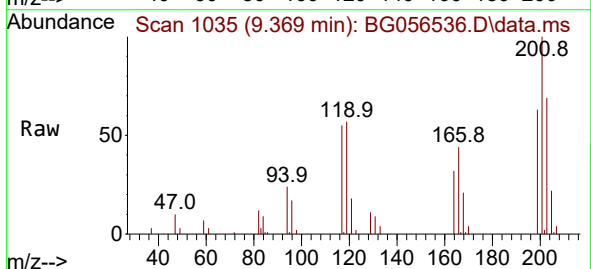
Instrument :
BNA_G
ClientSampleId :
PB150626BS

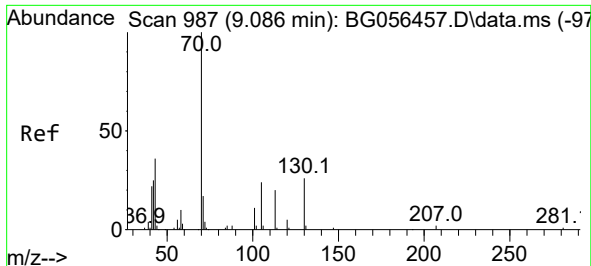
Tgt Ion:107 Resp: 83689
Ion Ratio Lower Upper
107 100
108 112.3 83.9 125.9
77 40.4 31.6 47.4
79 42.8 32.4 48.6



#18
Hexachloroethane
Concen: 45.406 ng
RT: 9.369 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:117 Resp: 28715
Ion Ratio Lower Upper
117 100
119 101.0 79.4 119.0
201 177.8 128.5 192.7

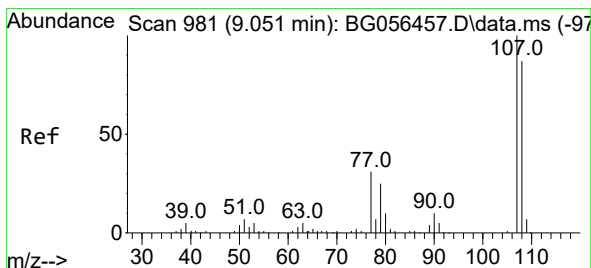
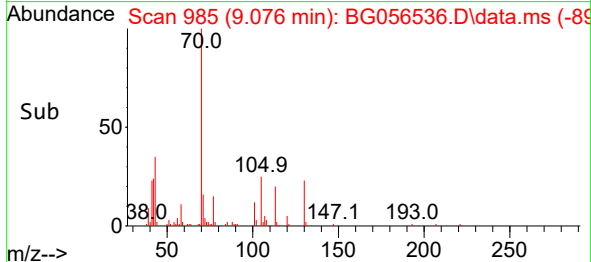
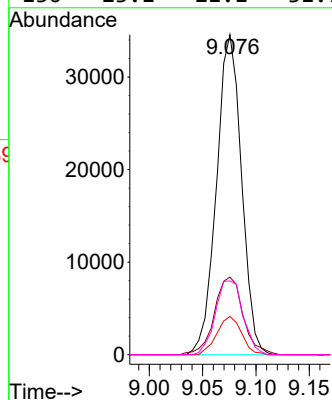
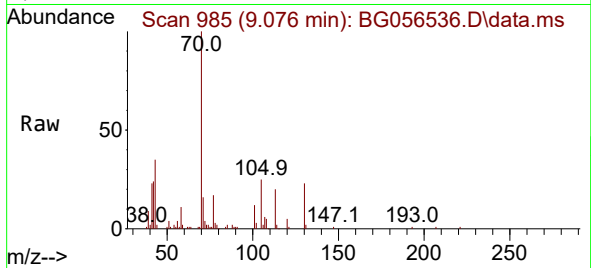




#19
n-Nitroso-di-n-propylamine
Concen: 40.462 ng
RT: 9.076 min Scan# 910
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

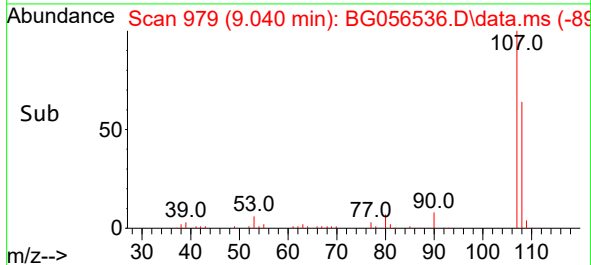
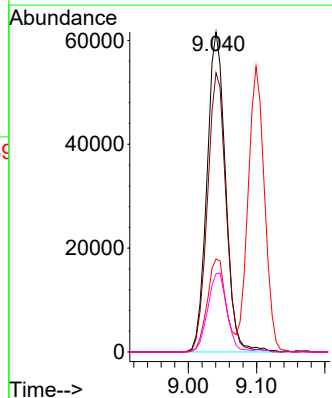
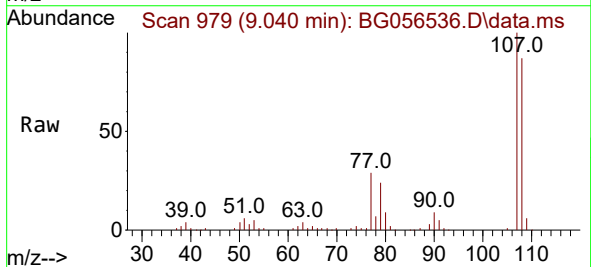
Instrument :
BNA_G
ClientSampleId :
PB150626BS

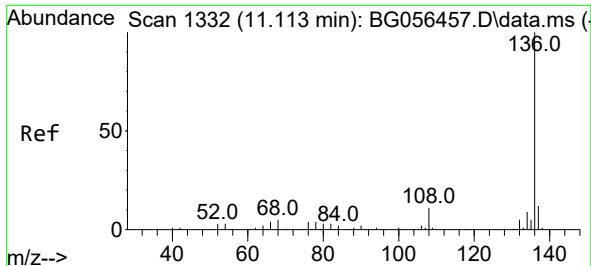
Tgt Ion: 70	Resp: 56395
Ion Ratio	Lower Upper
70 100	
42 24.2	20.2 30.4
101 11.9	9.1 13.7
130 23.1	21.1 31.7



#20
3+4-Methylphenols
Concen: 44.647 ng
RT: 9.040 min Scan# 979
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

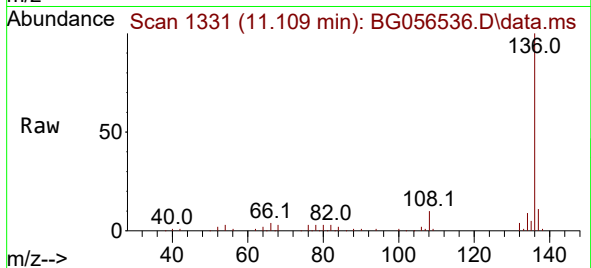
Tgt Ion: 107	Resp: 117010
Ion Ratio	Lower Upper
107 100	
108 87.2	66.7 106.7
77 29.1	10.6 50.6
79 24.5	4.9 44.9



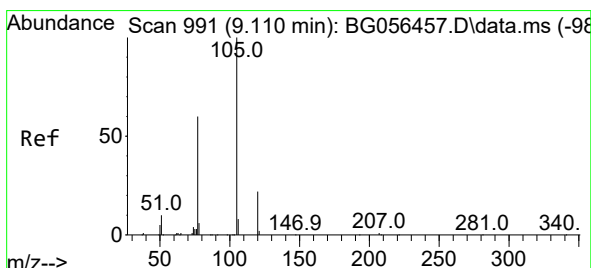
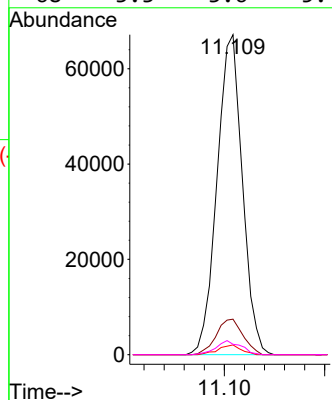
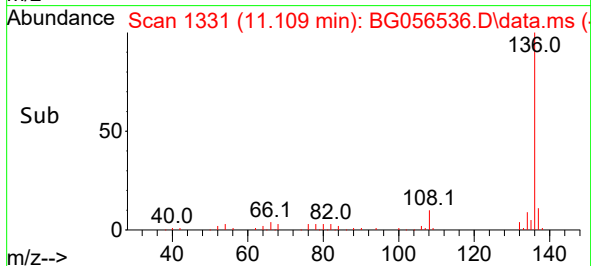


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.109 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

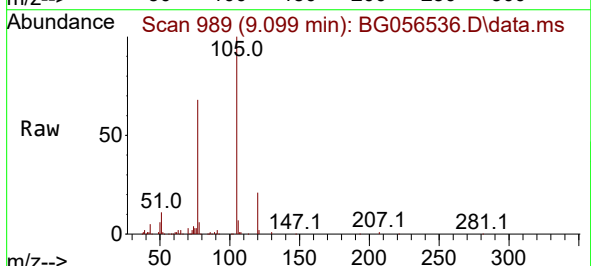
Instrument :
BNA_G
ClientSampleId :
PB150626BS



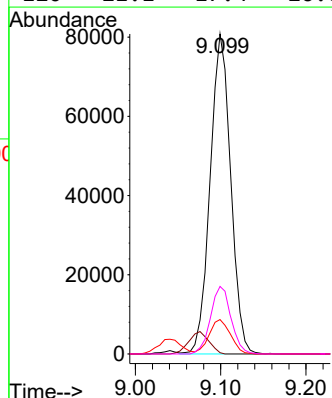
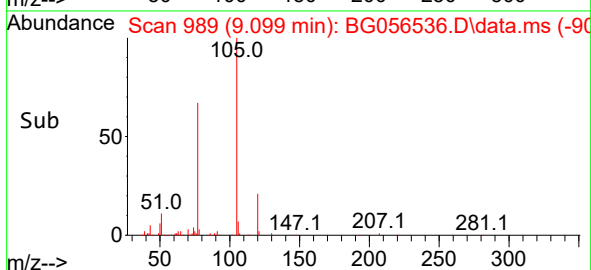
Tgt Ion:136 Resp: 117455
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 3.0 2.2 3.4
68 3.3 3.6 5.4#

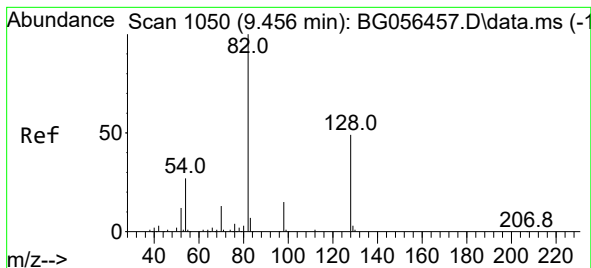


#22
Acetophenone
Concen: 43.474 ng
RT: 9.099 min Scan# 989
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58



Tgt Ion:105 Resp: 135674
Ion Ratio Lower Upper
105 100
71 0.4 0.6 0.8#
51 10.8 9.2 13.8
120 21.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 68.143 ng

RT: 9.452 min Scan# 1049

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

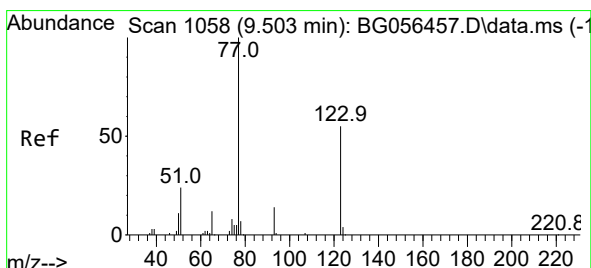
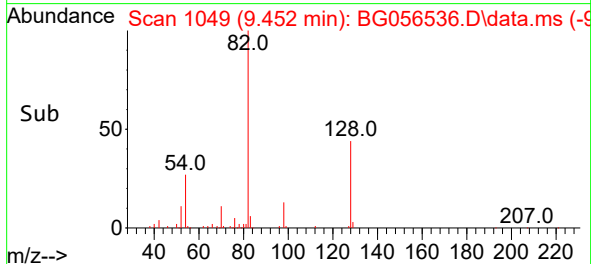
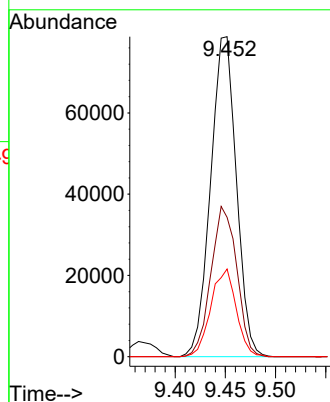
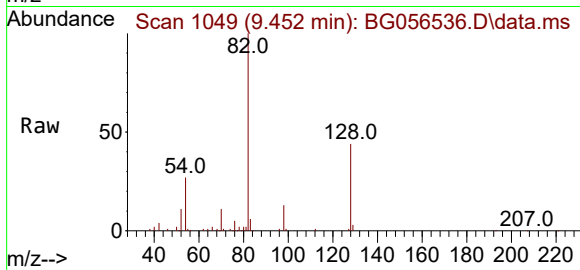
Tgt Ion: 82 Resp: 140949

Ion Ratio Lower Upper

82 100

128 43.6 39.4 59.2

54 27.4 21.4 32.2



#24

Nitrobenzene

Concen: 44.640 ng

RT: 9.493 min Scan# 1056

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

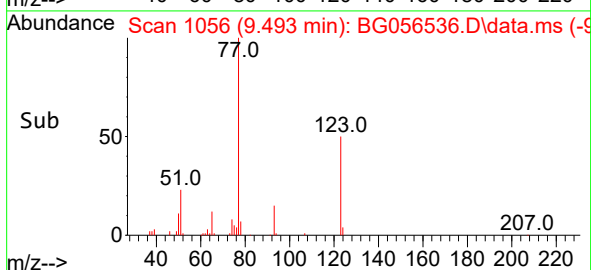
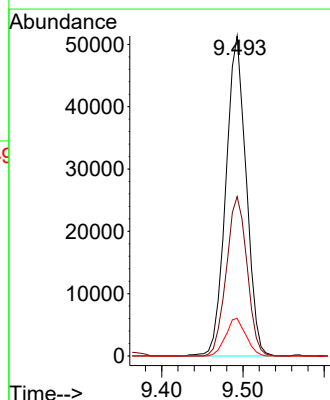
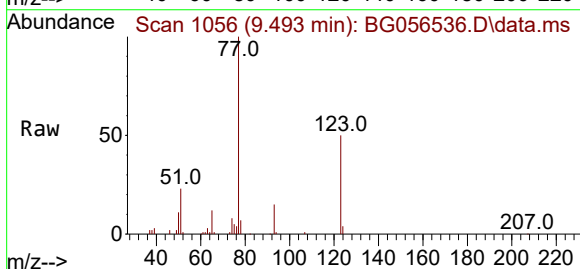
Tgt Ion: 77 Resp: 89064

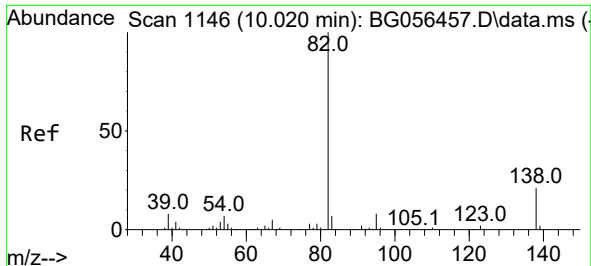
Ion Ratio Lower Upper

77 100

123 49.8 44.0 66.0

65 11.7 9.7 14.5

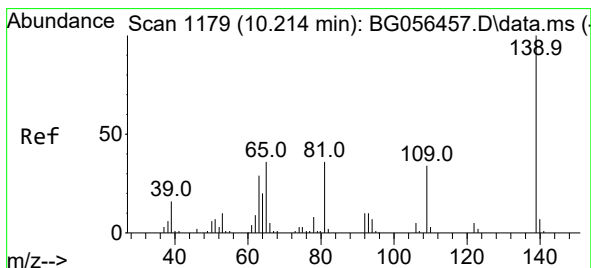
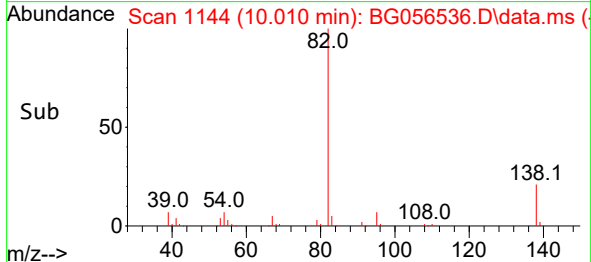
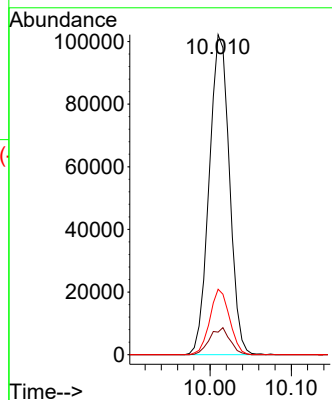
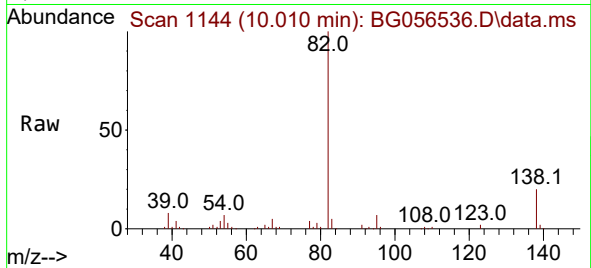




#25
Isophorone
Concen: 41.400 ng
RT: 10.010 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

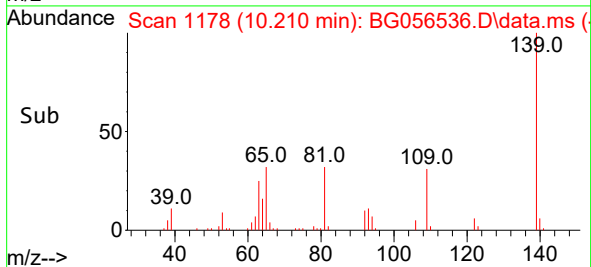
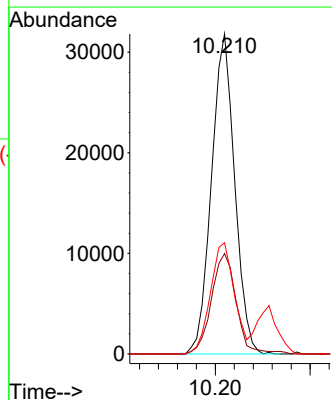
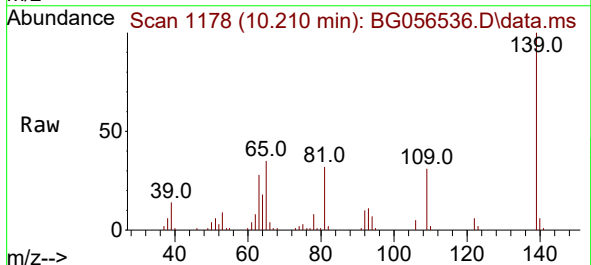
Instrument :
BNA_G
ClientSampleId :
PB150626BS

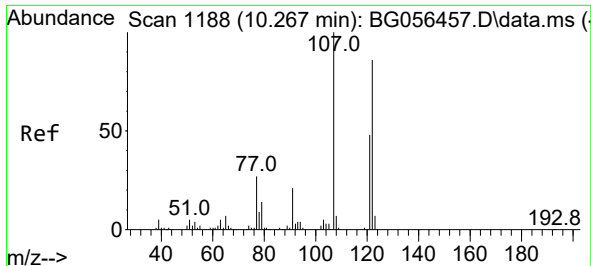
Tgt Ion: 82 Resp: 176662
Ion Ratio Lower Upper
82 100
95 7.1 6.3 9.5
138 20.5 16.6 25.0



#26
2-Nitrophenol
Concen: 44.612 ng
RT: 10.210 min Scan# 1178
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion: 139 Resp: 54003
Ion Ratio Lower Upper
139 100
109 31.3 26.9 40.3
65 34.8 29.0 43.4

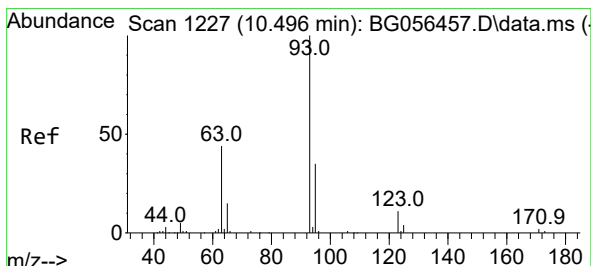
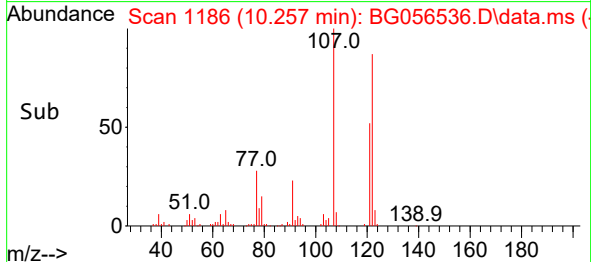
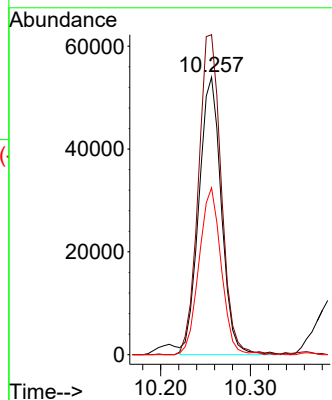
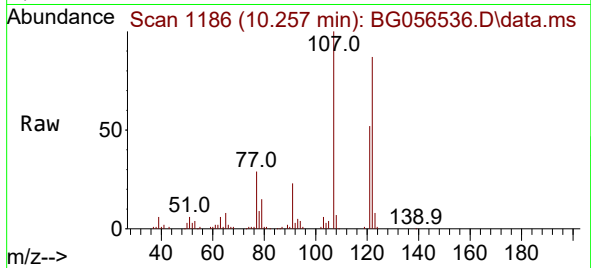




#27
2,4-Dimethylphenol
Concen: 46.172 ng
RT: 10.257 min Scan# 1186
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

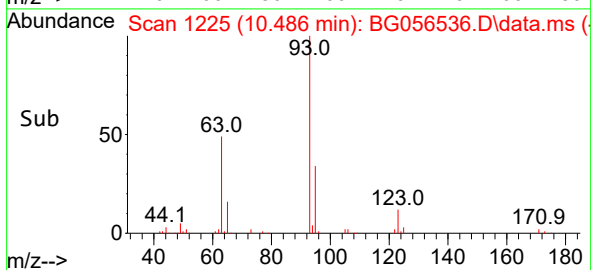
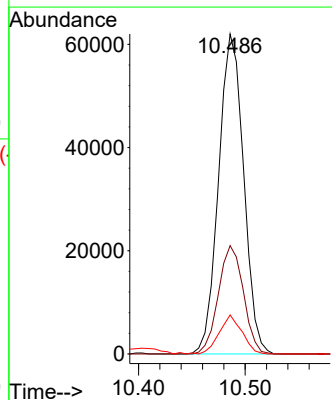
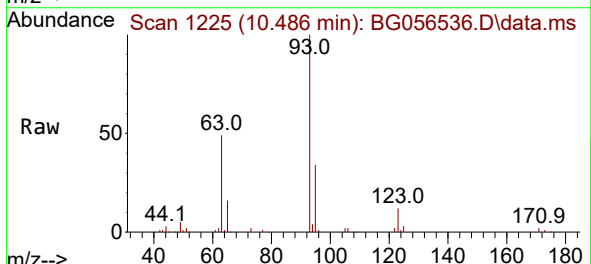
Instrument :
BNA_G
ClientSampleId :
PB150626BS

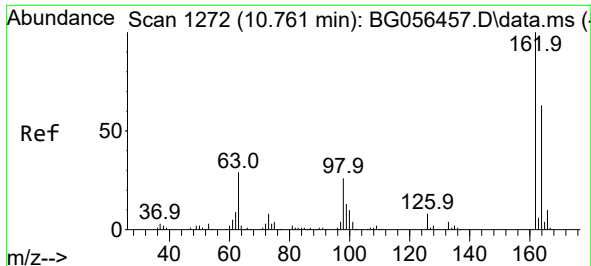
Tgt Ion:122 Resp: 93540
Ion Ratio Lower Upper
122 100
107 115.3 92.9 139.3
121 60.1 45.0 67.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.822 ng
RT: 10.486 min Scan# 1225
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion: 93 Resp: 100946
Ion Ratio Lower Upper
93 100
95 33.9 27.9 41.9
123 12.2 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 48.036 ng

RT: 10.750 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

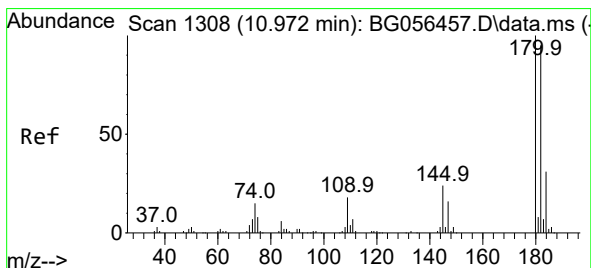
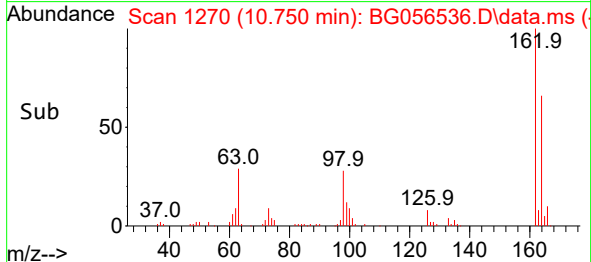
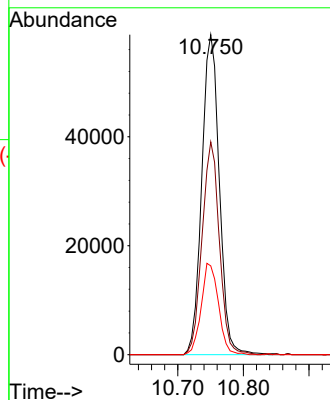
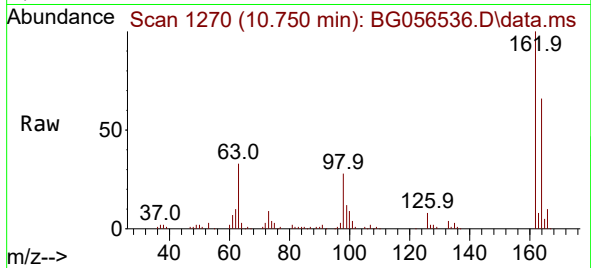
Tgt Ion:162 Resp: 109541

Ion Ratio Lower Upper

162 100

164 66.5 42.8 82.8

98 27.8 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 45.571 ng

RT: 10.962 min Scan# 1306

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

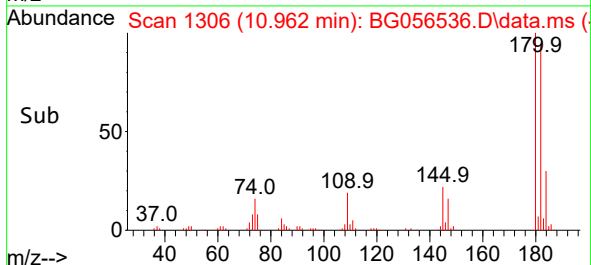
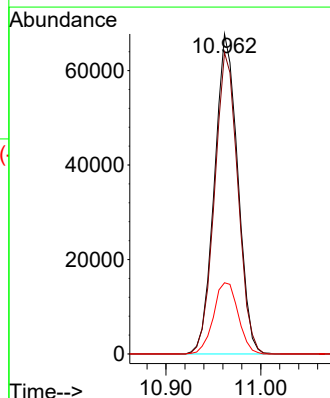
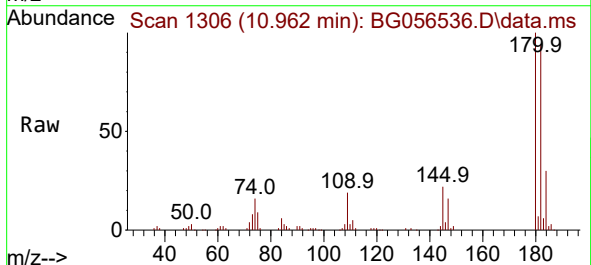
Tgt Ion:180 Resp: 115481

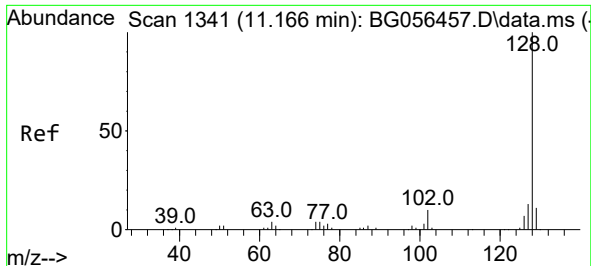
Ion Ratio Lower Upper

180 100

182 94.2 75.9 113.9

145 22.2 19.4 29.0

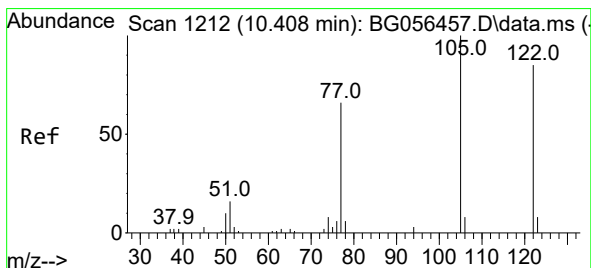
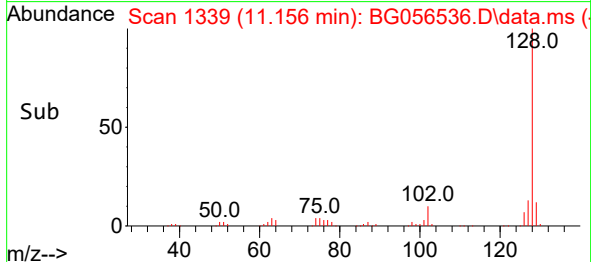
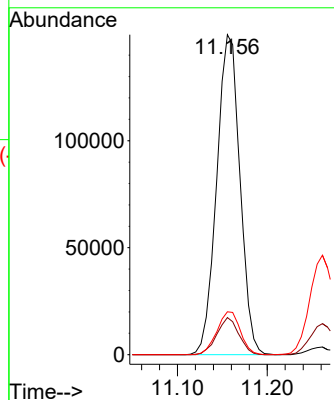
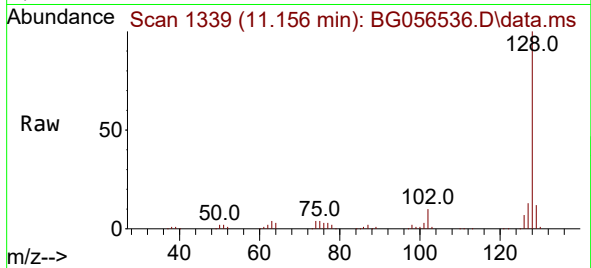




#31
Naphthalene
Concen: 43.356 ng
RT: 11.156 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

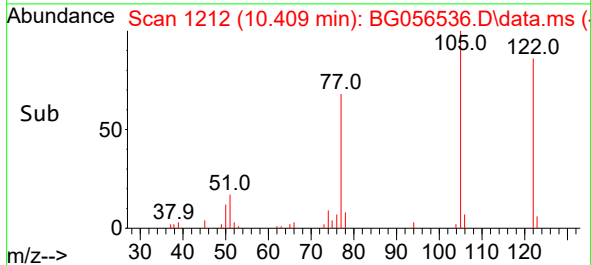
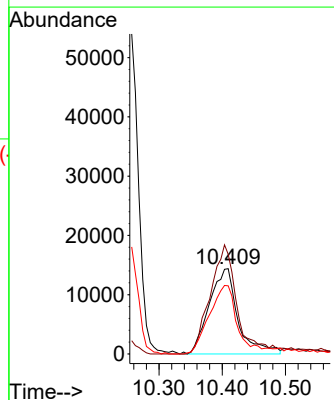
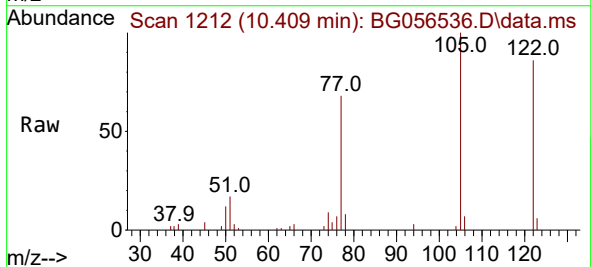
Instrument :
BNA_G
ClientSampleId :
PB150626BS

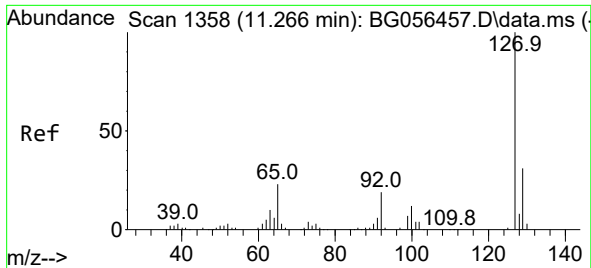
Tgt Ion:128 Resp: 268781
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 40.254 ng
RT: 10.409 min Scan# 1212
Delta R.T. 0.007 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:122 Resp: 45625
Ion Ratio Lower Upper
122 100
105 116.8 96.5 136.5
77 79.9 57.3 97.3

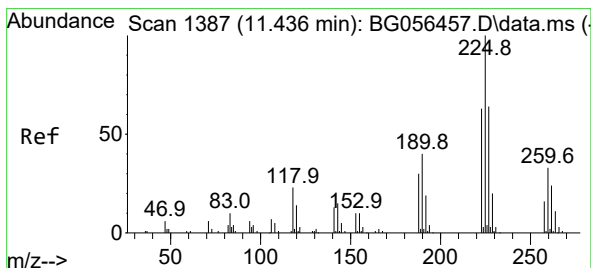
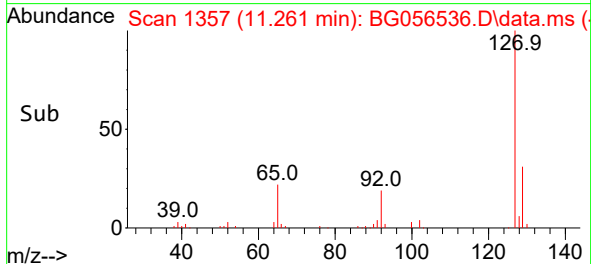
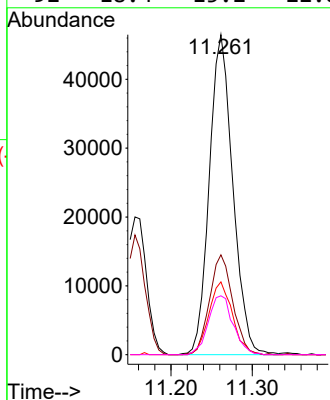
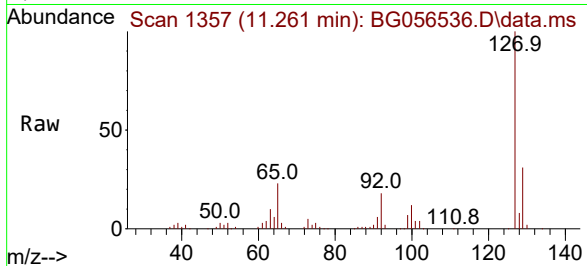




#33
4-Chloroaniline
Concen: 32.318 ng
RT: 11.261 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

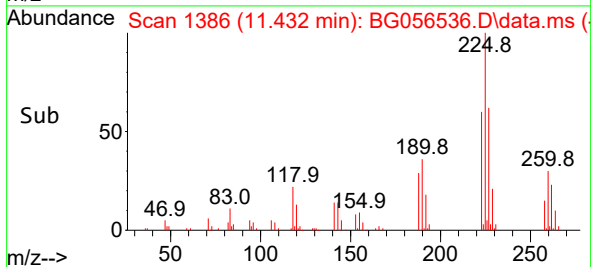
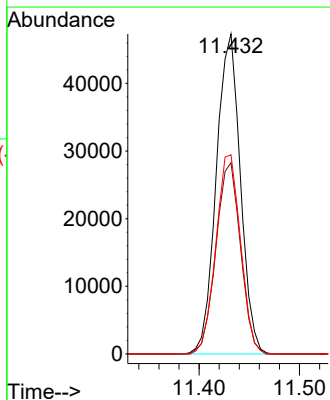
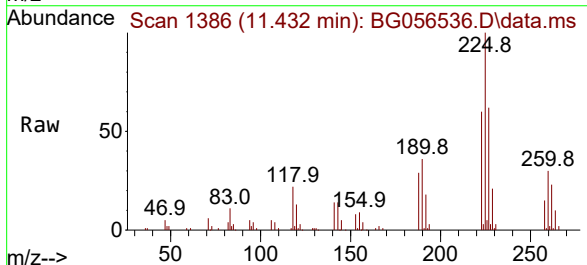
Instrument :
BNA_G
ClientSampleId :
PB150626BS

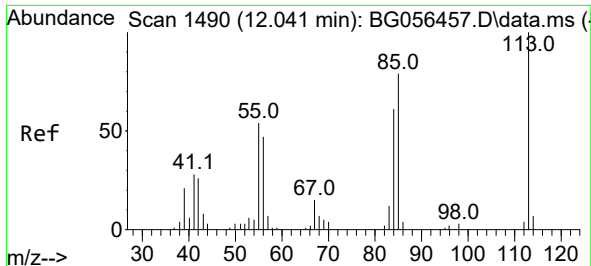
Tgt Ion:127	Resp:	93521
Ion Ratio	Lower	Upper
127	100	
129	31.2	25.0 37.6
65	22.8	18.5 27.7
92	18.4	15.2 22.8



#34
Hexachlorobutadiene
Concen: 44.356 ng
RT: 11.432 min Scan# 1386
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:225	Resp:	78899
Ion Ratio	Lower	Upper
225	100	
223	59.8	50.6 75.8
227	62.2	53.7 80.5

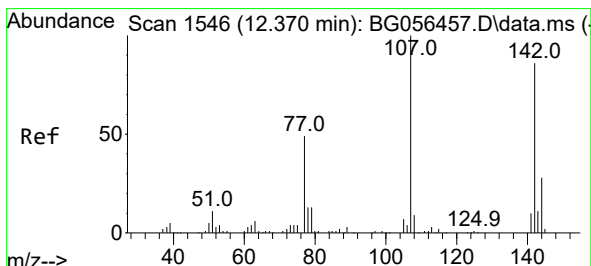
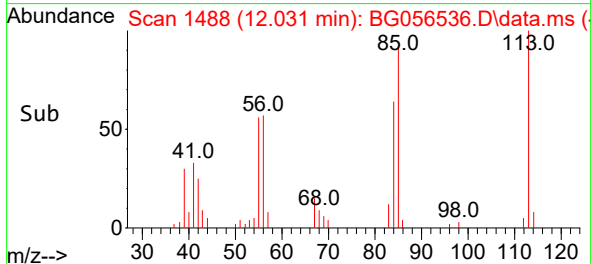
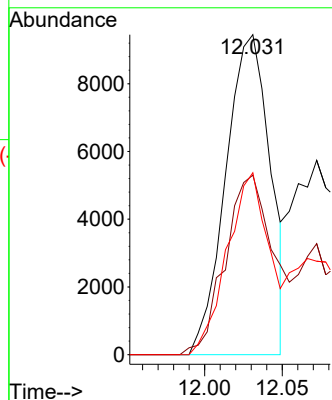
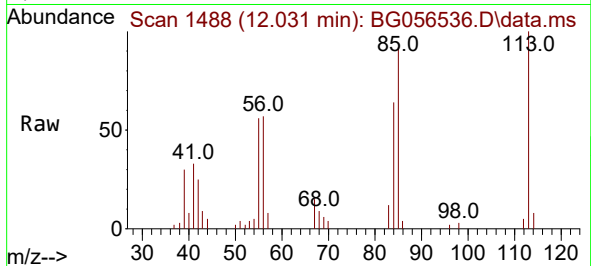




#35
Caprolactam
Concen: 24.527 ng
RT: 12.031 min Scan# 1488
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

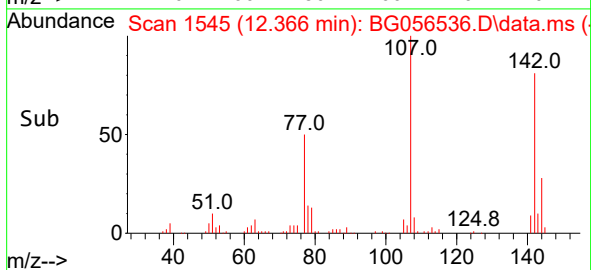
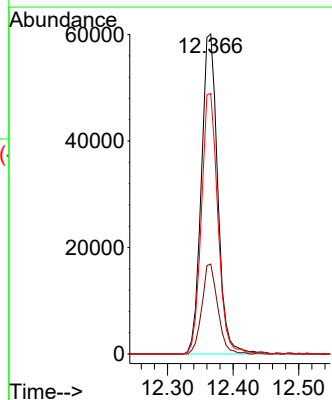
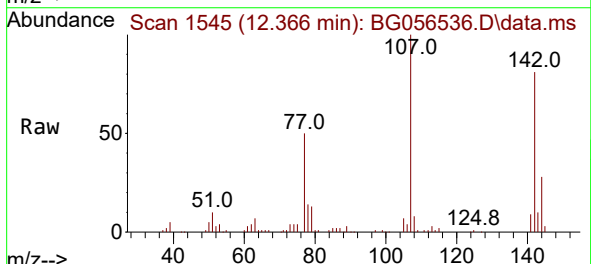
Instrument :
BNA_G
ClientSampleId :
PB150626BS

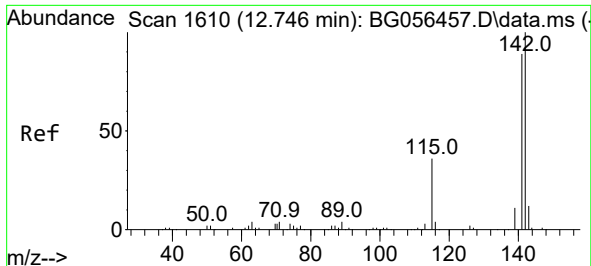
Tgt Ion:113 Resp: 18863
Ion Ratio Lower Upper
113 100
55 56.1 33.7 73.7
56 56.8 27.1 67.1



#36
4-Chloro-3-methylphenol
Concen: 47.590 ng
RT: 12.366 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:107 Resp: 104804
Ion Ratio Lower Upper
107 100
144 28.1 22.3 33.5
142 81.4 68.9 103.3





#37

2-Methylnaphthalene

Concen: 42.281 ng

RT: 12.742 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

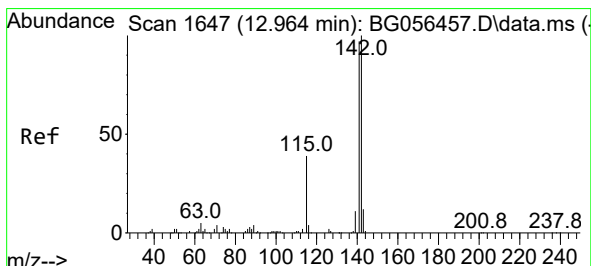
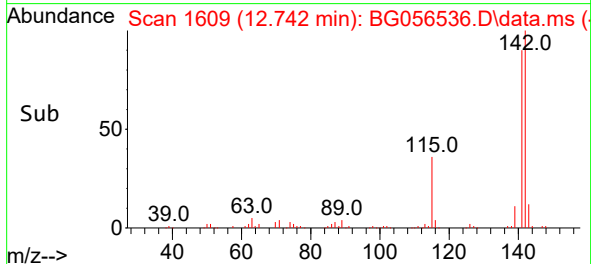
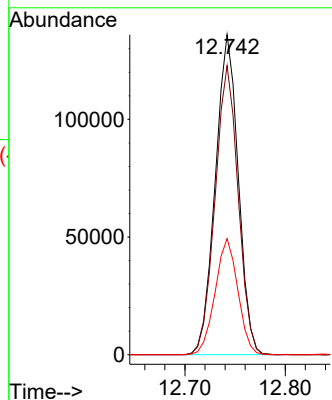
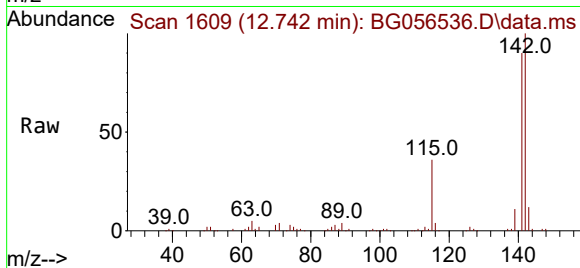
Tgt Ion:142 Resp: 216092

Ion Ratio Lower Upper

142 100

141 90.3 71.4 107.0

115 36.2 28.4 42.6



#38

1-Methylnaphthalene

Concen: 41.601 ng

RT: 12.959 min Scan# 1646

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

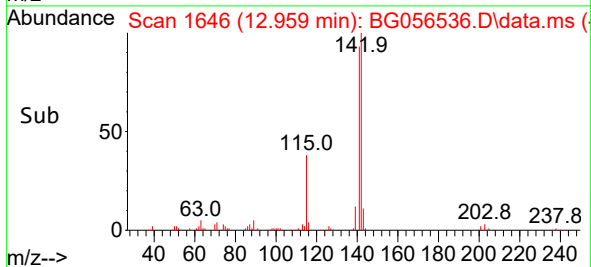
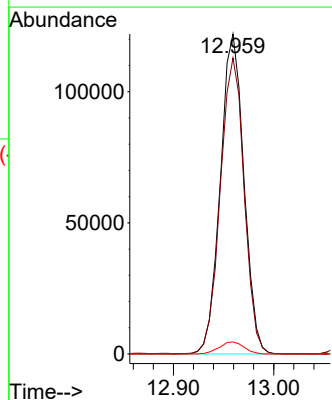
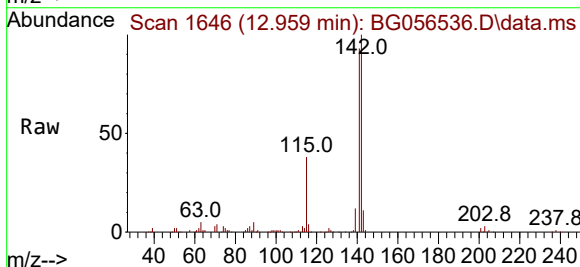
Tgt Ion:142 Resp: 198570

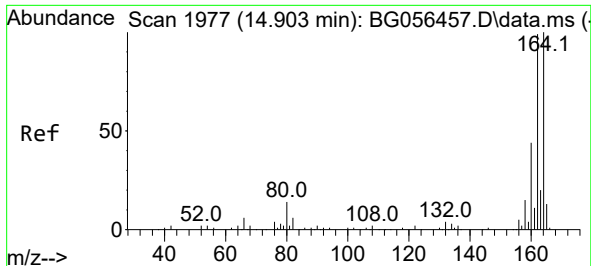
Ion Ratio Lower Upper

142 100

141 92.5 77.7 116.5

116 3.7 3.4 5.2

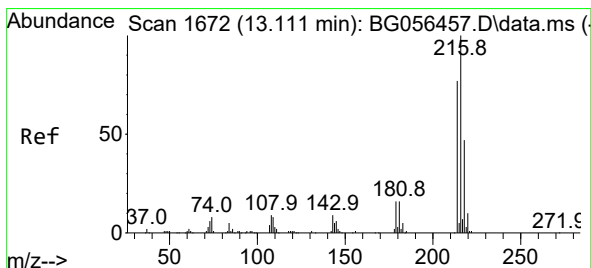
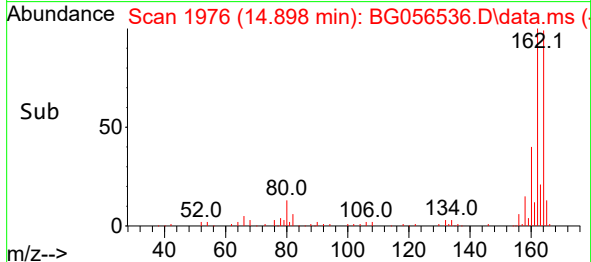
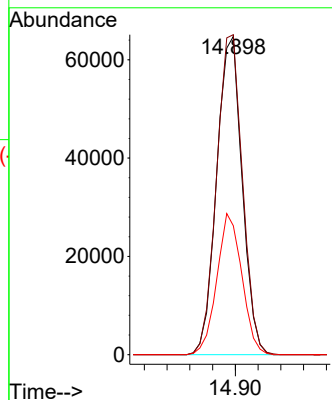
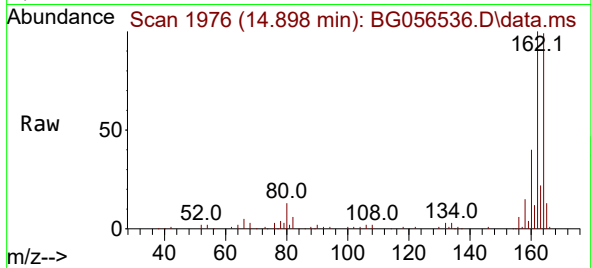




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

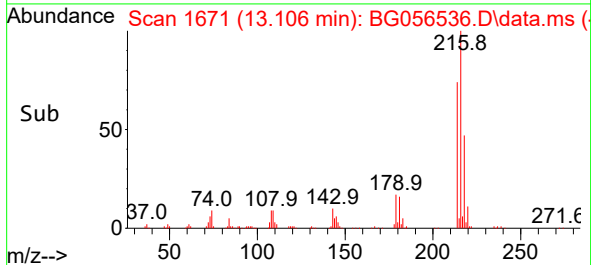
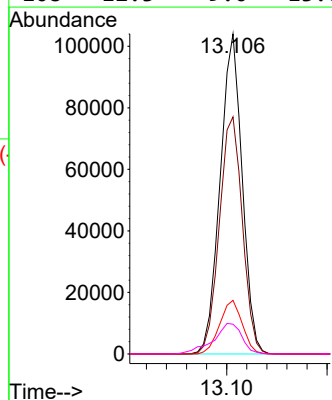
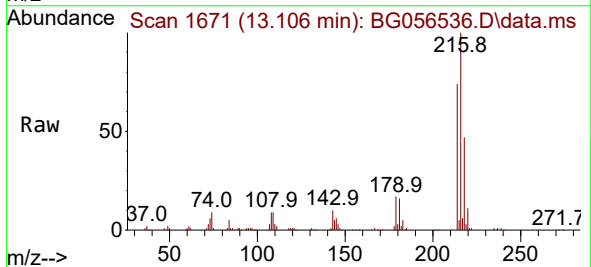
Instrument :
BNA_G
ClientSampleId :
PB150626BS

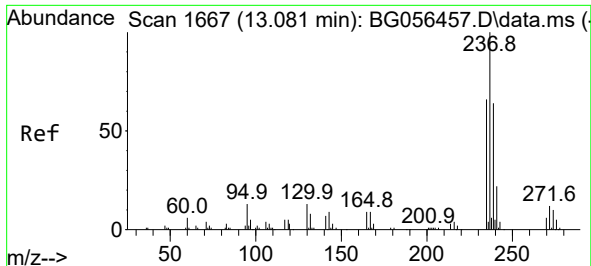
Tgt Ion:164 Resp: 100480
Ion Ratio Lower Upper
164 100
162 100.5 79.6 119.4
160 40.5 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.186 ng
RT: 13.106 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

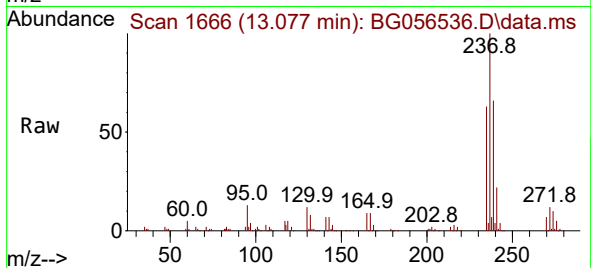
Tgt Ion:216 Resp: 158530
Ion Ratio Lower Upper
216 100
214 77.2 63.0 94.6
179 17.2 14.1 21.1
108 12.3 9.0 13.6



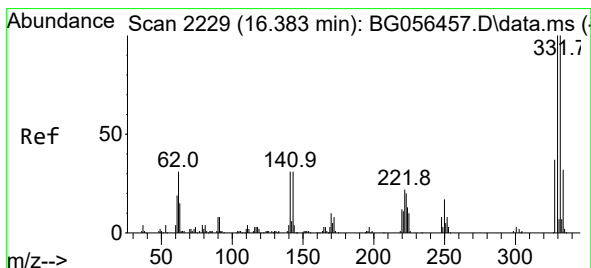
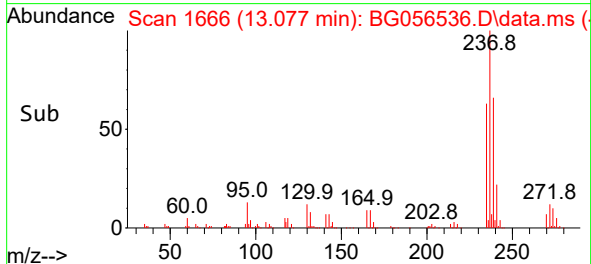
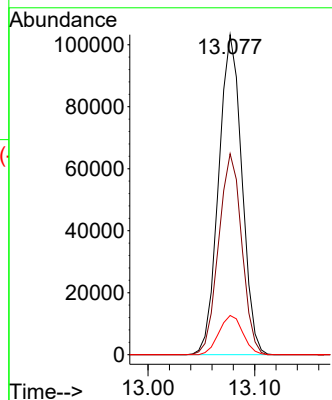


#41
Hexachlorocyclopentadiene
Concen: 80.104 ng
RT: 13.077 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Instrument :
BNA_G
ClientSampleId :
PB150626BS

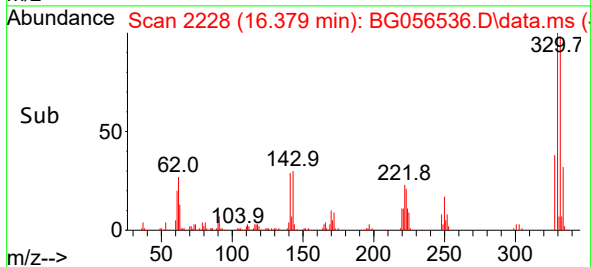
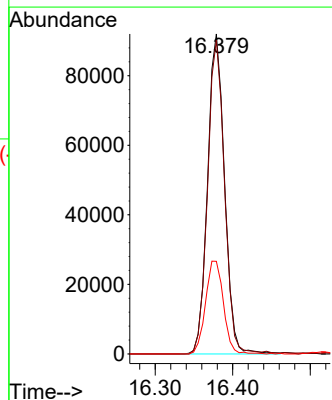
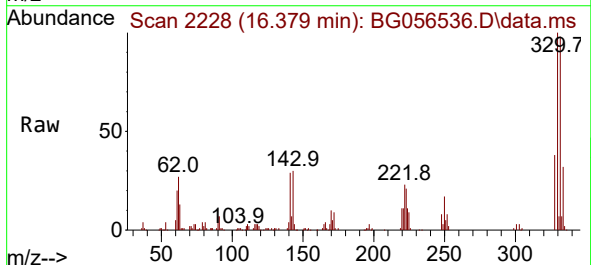


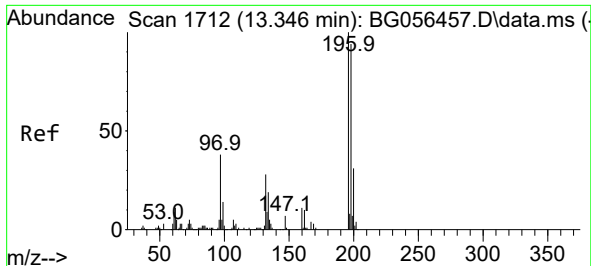
Tgt Ion:237 Resp: 155895
Ion Ratio Lower Upper
237 100
235 62.8 45.6 85.6
272 12.3 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 104.829 ng
RT: 16.379 min Scan# 2228
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:330 Resp: 140033
Ion Ratio Lower Upper
330 100
332 97.5 79.0 118.6
141 30.5 24.2 36.4

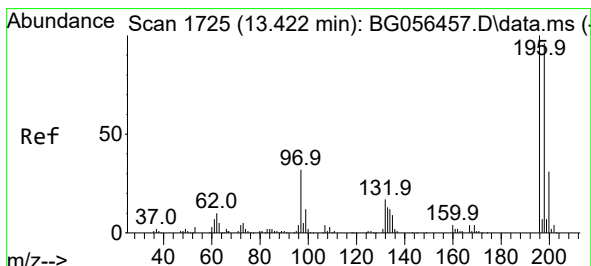
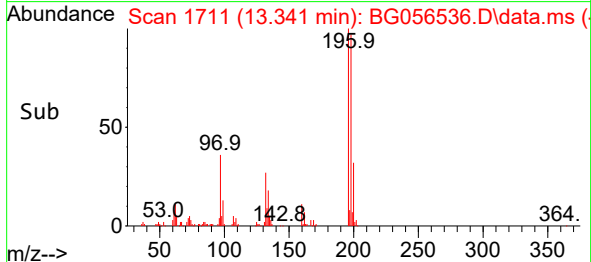
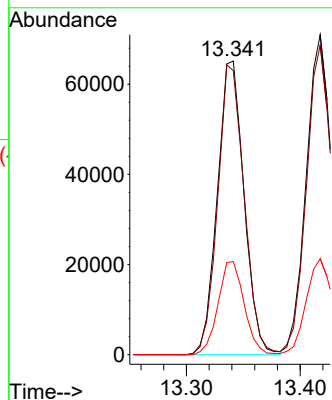
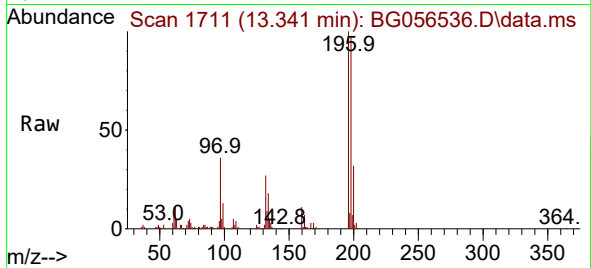




#43
2,4,6-Trichlorophenol
Concen: 44.946 ng
RT: 13.341 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

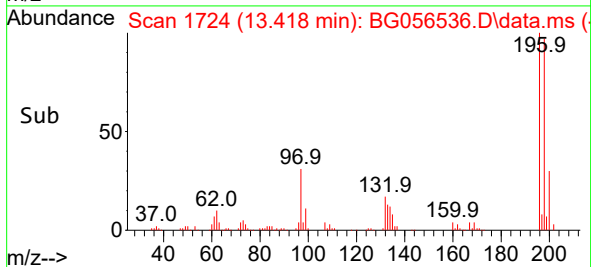
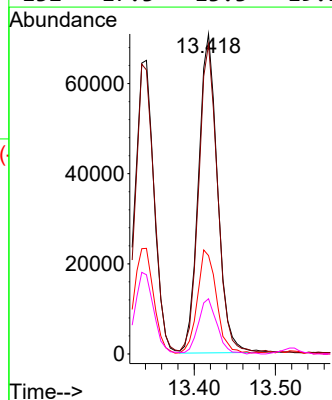
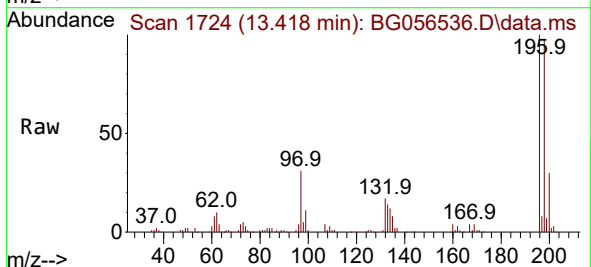
Instrument :
BNA_G
ClientSampleId :
PB150626BS

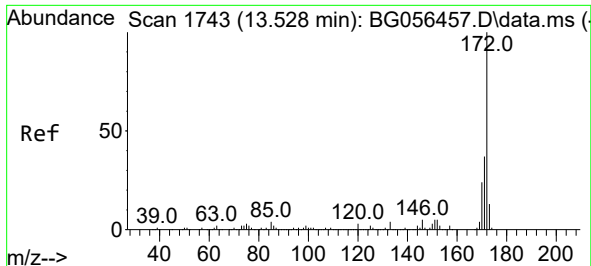
Tgt Ion:196 Resp: 106325
Ion Ratio Lower Upper
196 100
198 96.7 75.4 113.0
200 31.7 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 41.627 ng
RT: 13.418 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:196 Resp: 115293
Ion Ratio Lower Upper
196 100
198 96.8 76.9 115.3
97 30.7 25.8 38.6
132 17.3 13.3 19.9

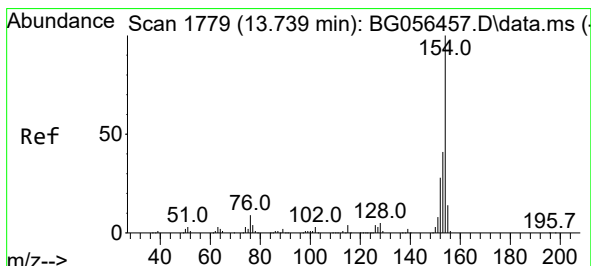
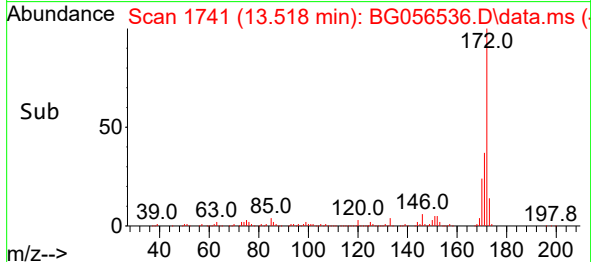
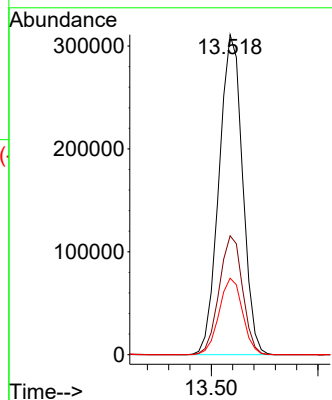
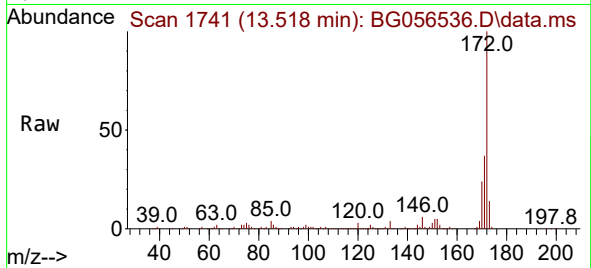




#45
2-Fluorobiphenyl
Concen: 65.729 ng
RT: 13.518 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

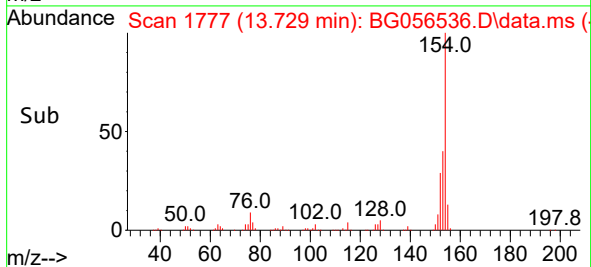
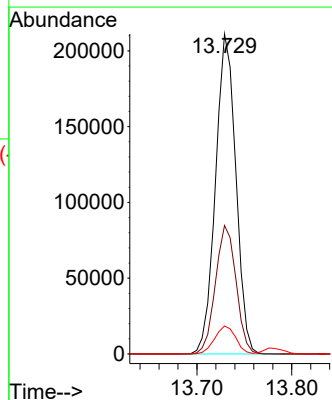
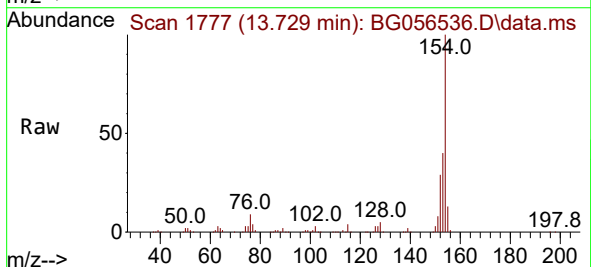
Instrument :
BNA_G
ClientSampleId :
PB150626BS

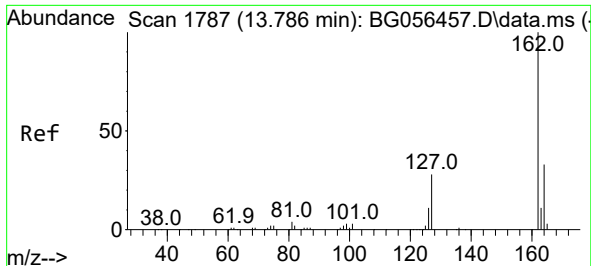
Tgt Ion:172 Resp: 476364
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 23.9 19.2 28.8



#46
1,1'-Biphenyl
Concen: 43.122 ng
RT: 13.729 min Scan# 1777
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:154 Resp: 314271
Ion Ratio Lower Upper
154 100
153 40.1 21.5 61.5
76 8.8 0.0 28.8





#47

2-Chloronaphthalene

Concen: 44.275 ng

RT: 13.782 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

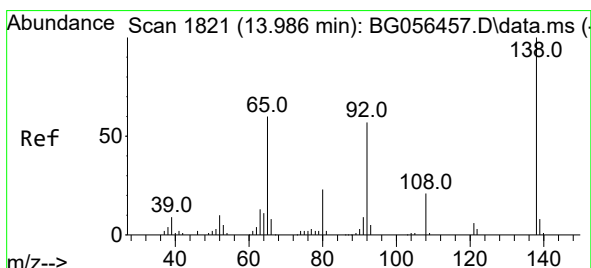
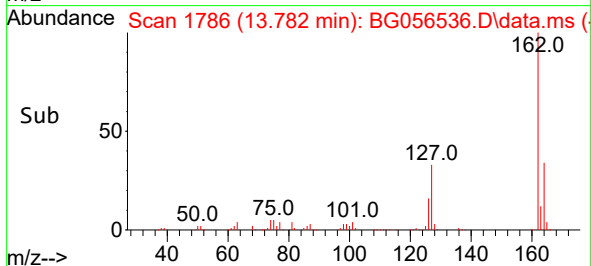
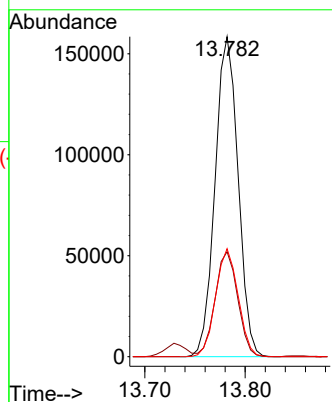
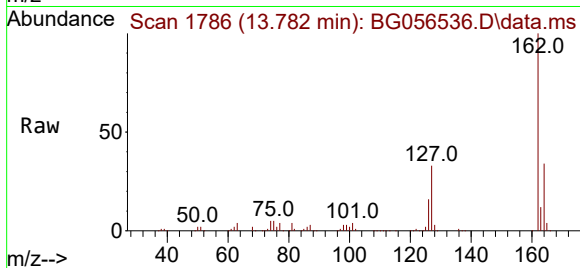
Tgt Ion:162 Resp: 252215

Ion Ratio Lower Upper

162 100

127 32.8 25.2 37.8

164 33.8 26.2 39.2



#48

2-Nitroaniline

Concen: 44.921 ng

RT: 13.982 min Scan# 1820

Delta R.T. 0.001 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

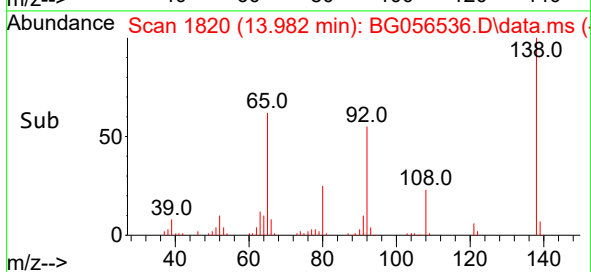
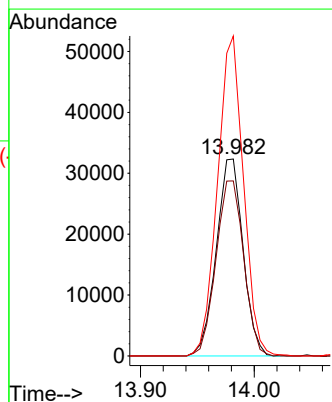
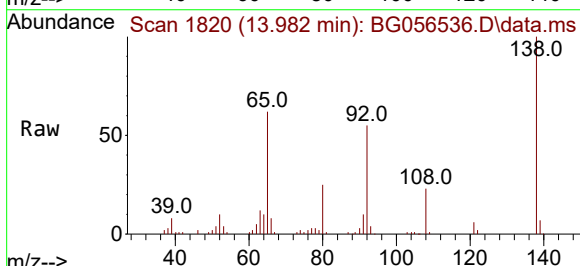
Tgt Ion: 65 Resp: 52900

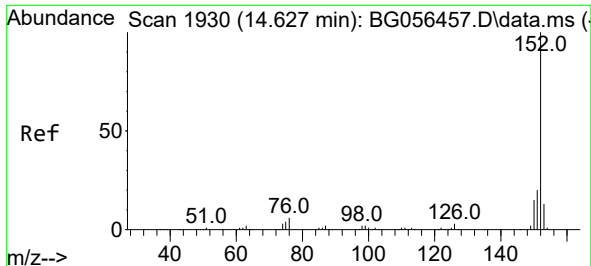
Ion Ratio Lower Upper

65 100

92 88.9 75.8 113.6

138 162.5 133.2 199.8

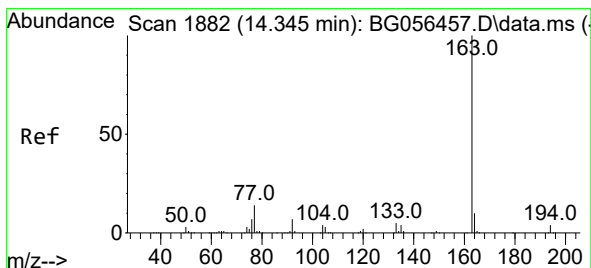
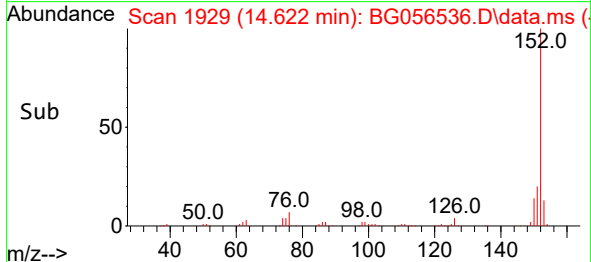
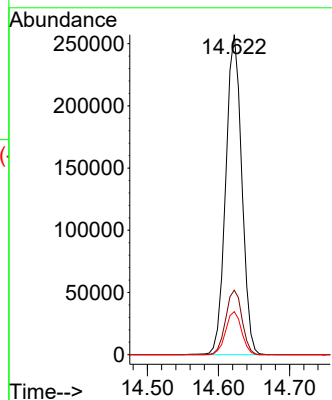
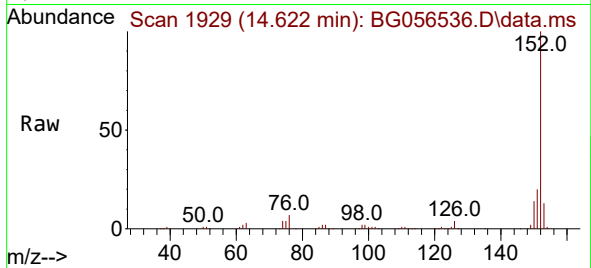




#49
Acenaphthylene
Concen: 43.224 ng
RT: 14.622 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

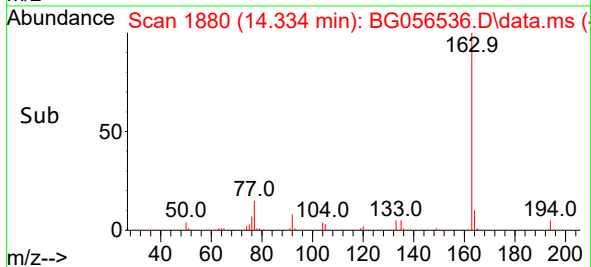
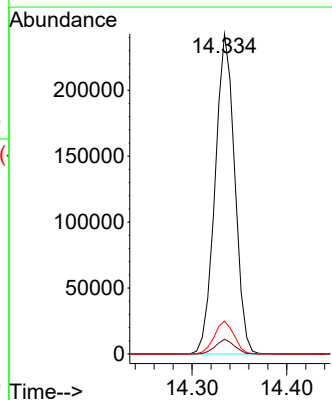
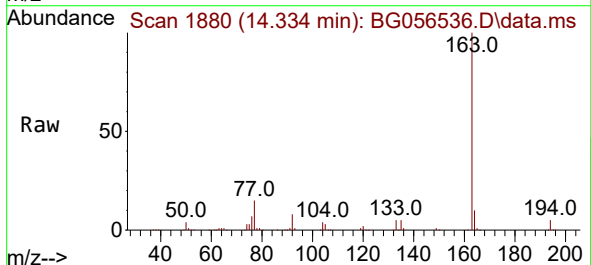
Instrument :
BNA_G
ClientSampleId :
PB150626BS

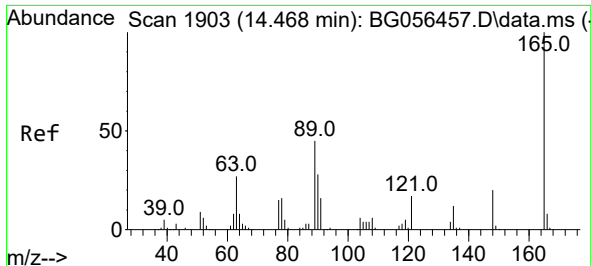
Tgt Ion:152 Resp: 400612
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.5 10.5 15.7



#50
Dimethylphthalate
Concen: 42.953 ng
RT: 14.334 min Scan# 1880
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:163 Resp: 349169
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.3 8.1 12.1

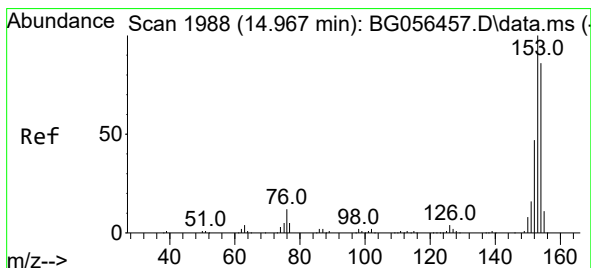
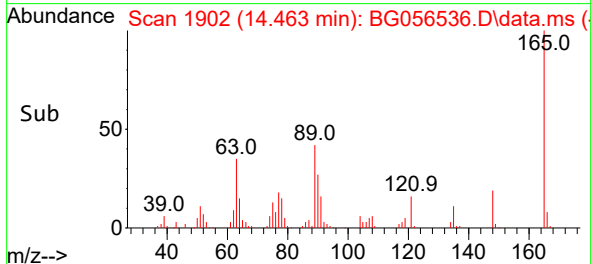
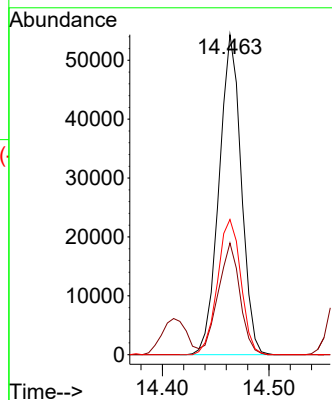
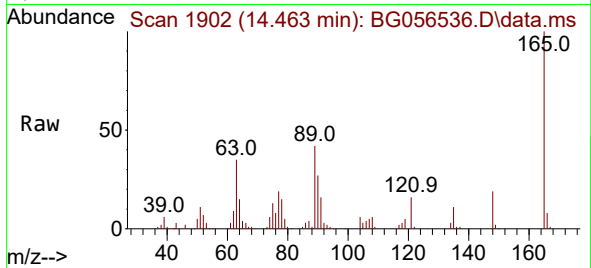




#51
2,6-Dinitrotoluene
Concen: 44.246 ng
RT: 14.463 min Scan# 1903
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

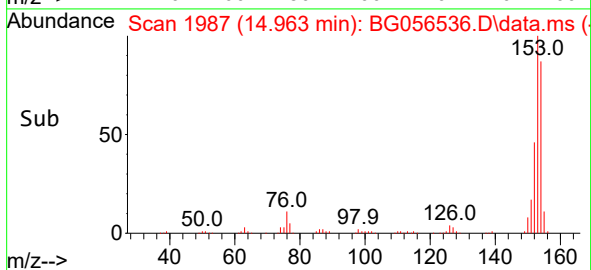
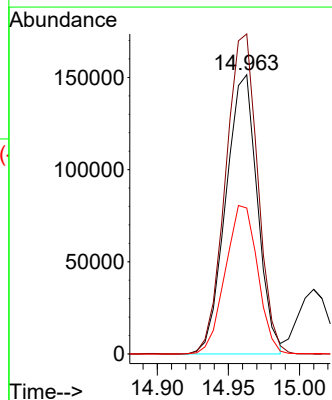
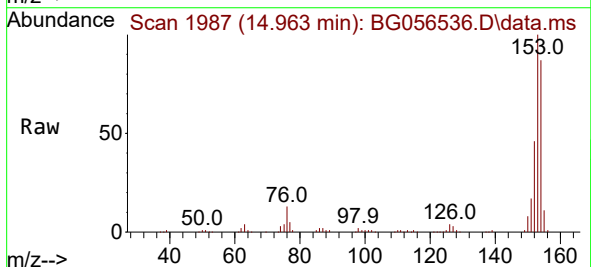
Instrument :
BNA_G
ClientSampleId :
PB150626BS

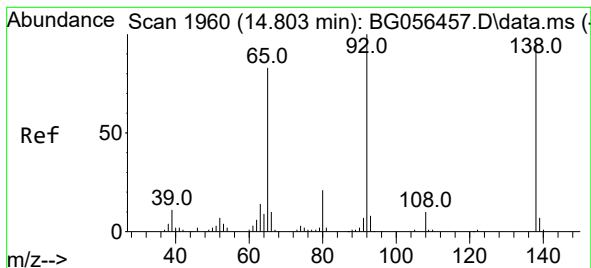
Tgt Ion:165 Resp: 78438
Ion Ratio Lower Upper
165 100
63 34.9 26.9 40.3
89 42.2 35.6 53.4



#52
Acenaphthene
Concen: 42.672 ng
RT: 14.963 min Scan# 1987
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

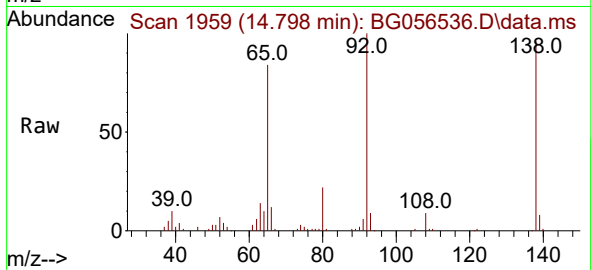
Tgt Ion:154 Resp: 234532
Ion Ratio Lower Upper
154 100
153 114.6 93.4 140.0
152 52.3 43.4 65.2



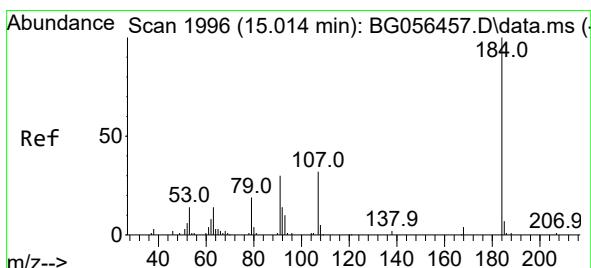
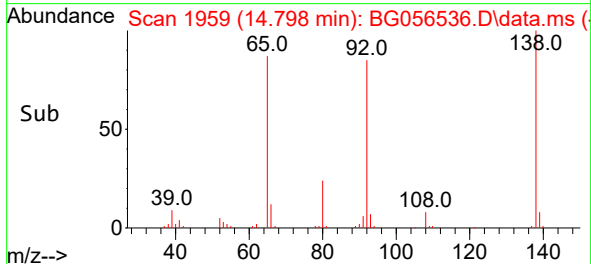
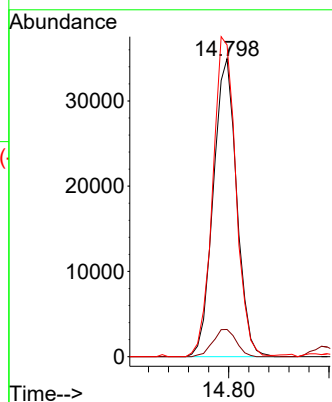


#53
3-Nitroaniline
Concen: 32.896 ng
RT: 14.798 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Instrument :
BNA_G
ClientSampleId :
PB150626BS

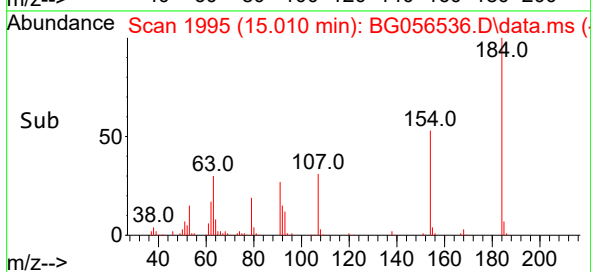
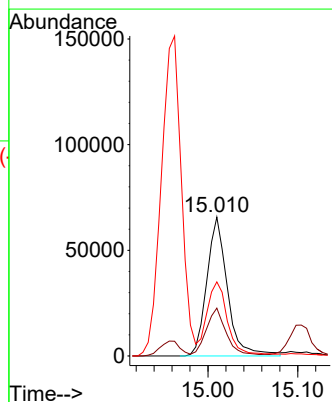
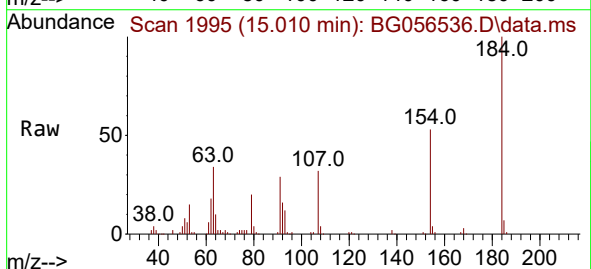


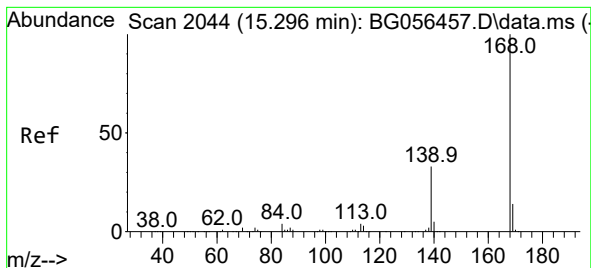
Tgt Ion:138 Resp: 56537
Ion Ratio Lower Upper
138 100
108 9.2 8.0 12.0
92 104.6 84.1 126.1



#54
2,4-Dinitrophenol
Concen: 94.335 ng
RT: 15.010 min Scan# 1995
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:184 Resp: 104843
Ion Ratio Lower Upper
184 100
63 34.5 25.1 37.7
154 53.3 44.8 67.2





#55

Dibenzofuran

Concen: 43.229 ng

RT: 15.292 min Scan# 2044

Delta R.T. 0.001 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

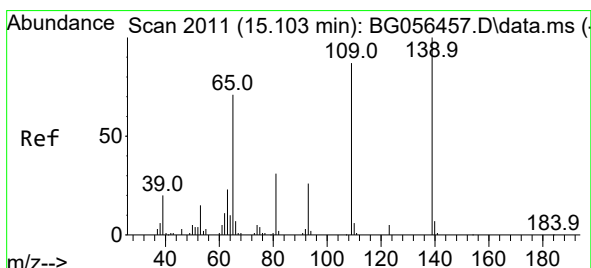
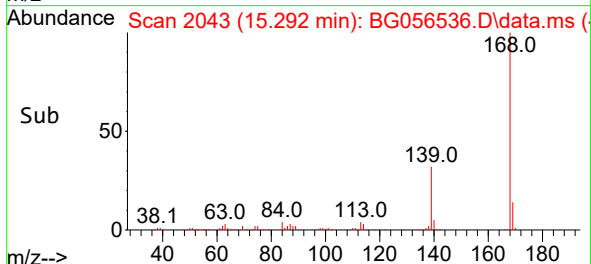
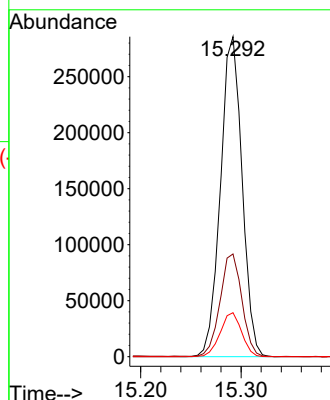
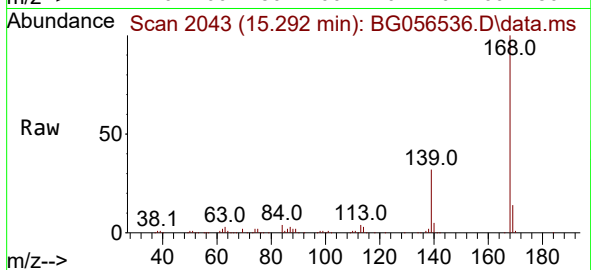
Tgt Ion:168 Resp: 426101

Ion Ratio Lower Upper

168 100

139 32.1 26.2 39.2

169 13.8 11.0 16.6



#56

4-Nitrophenol

Concen: 92.740 ng

RT: 15.104 min Scan# 2011

Delta R.T. 0.007 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

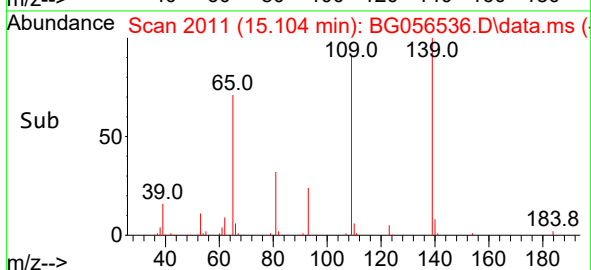
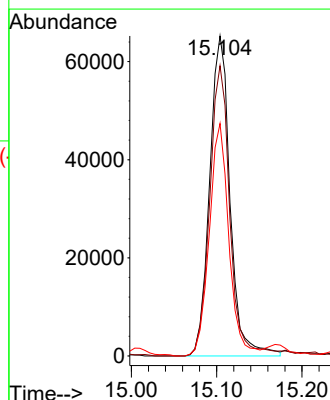
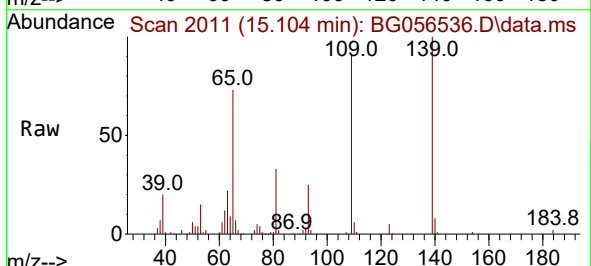
Tgt Ion:139 Resp: 108909

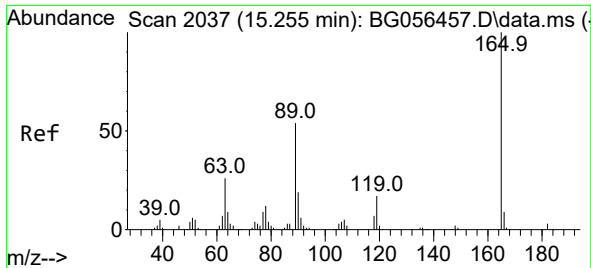
Ion Ratio Lower Upper

139 100

109 90.7 67.5 107.5

65 72.6 50.7 90.7

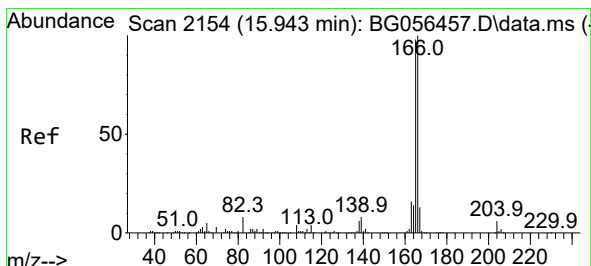
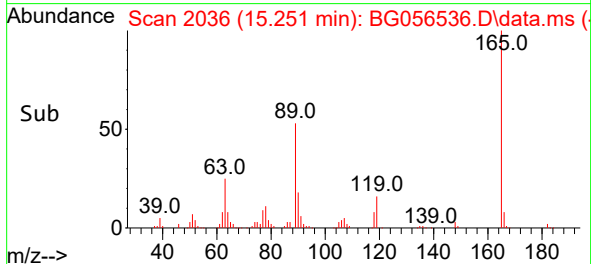
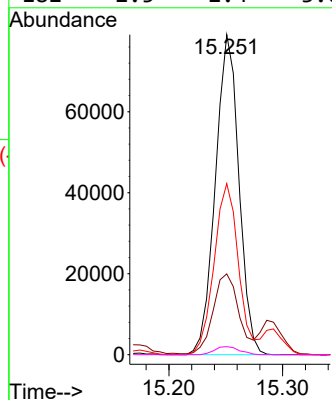
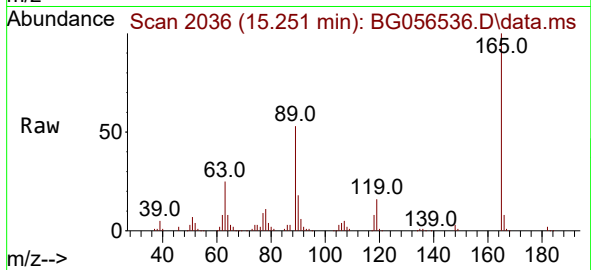




#57
2,4-Dinitrotoluene
Concen: 45.510 ng
RT: 15.251 min Scan# 2036
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

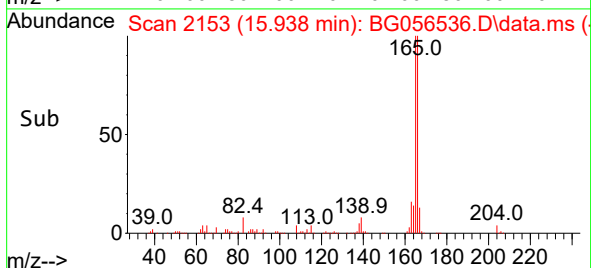
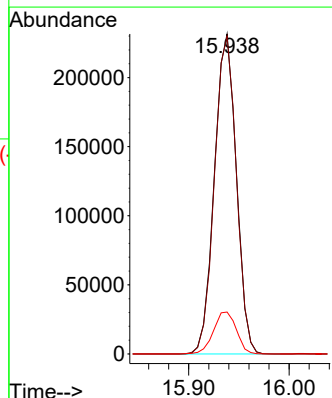
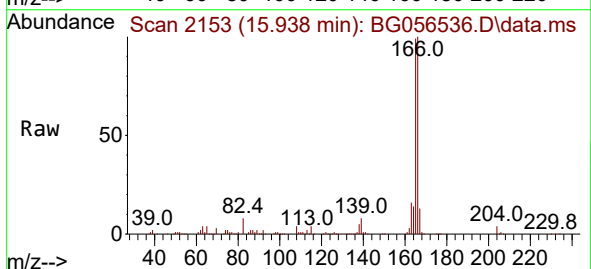
Instrument :
BNA_G
ClientSampleId :
PB150626BS

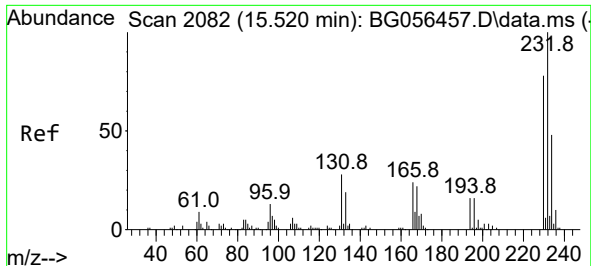
Tgt Ion:165 Resp: 113642
Ion Ratio Lower Upper
165 100
63 25.3 20.6 31.0
89 53.5 43.1 64.7
182 2.5 2.4 3.6



#58
Fluorene
Concen: 44.736 ng
RT: 15.938 min Scan# 2153
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:166 Resp: 350870
Ion Ratio Lower Upper
166 100
165 99.3 78.8 118.2
167 13.1 10.6 15.8

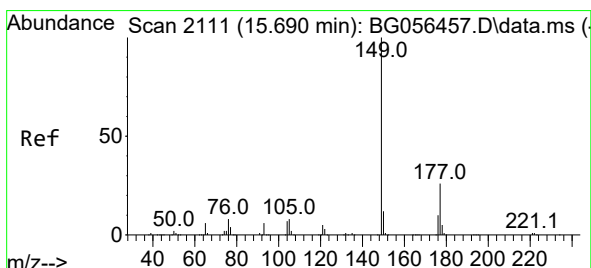
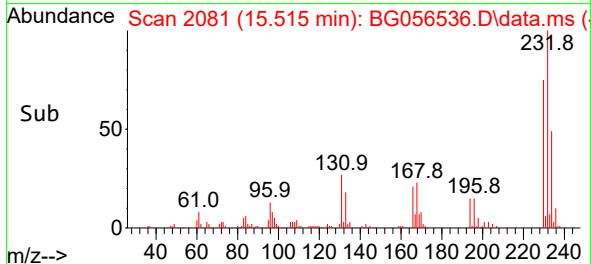
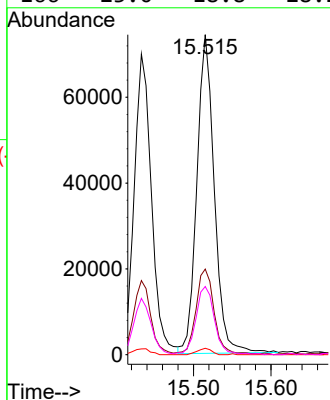
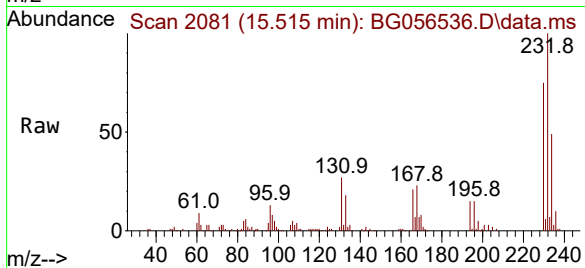




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.157 ng
RT: 15.515 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

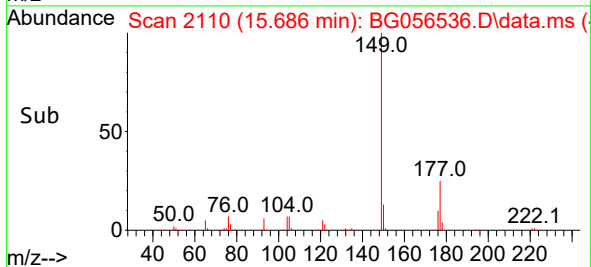
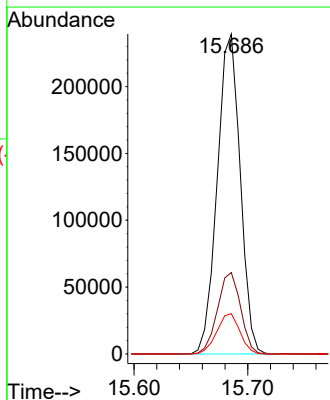
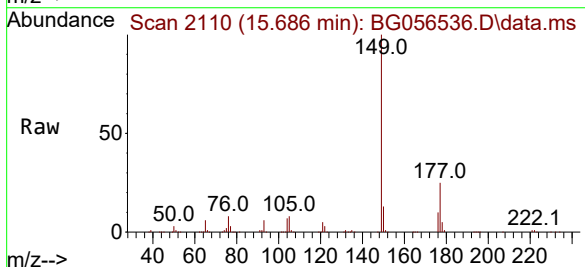
Instrument :
BNA_G
ClientSampleId :
PB150626BS

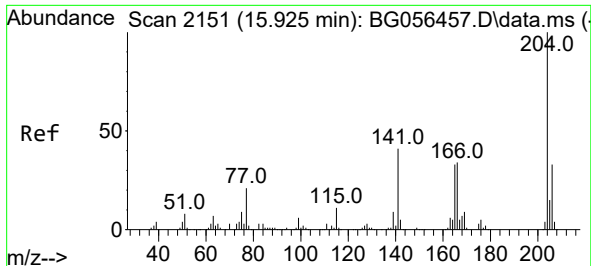
Tgt Ion:232 Resp: 116130
Ion Ratio Lower Upper
232 100
131 27.3 22.8 34.2
130 1.6 1.4 2.0
166 23.0 18.8 28.2



#60
Diethylphthalate
Concen: 43.998 ng
RT: 15.686 min Scan# 2110
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:149 Resp: 335856
Ion Ratio Lower Upper
149 100
177 25.5 21.0 31.4
150 12.6 9.9 14.9

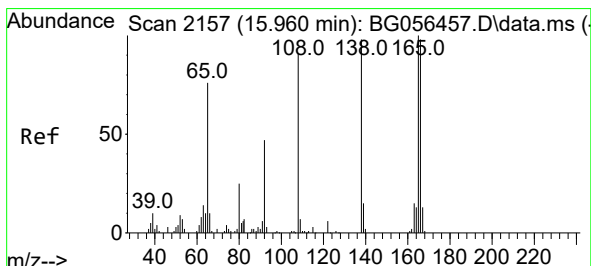
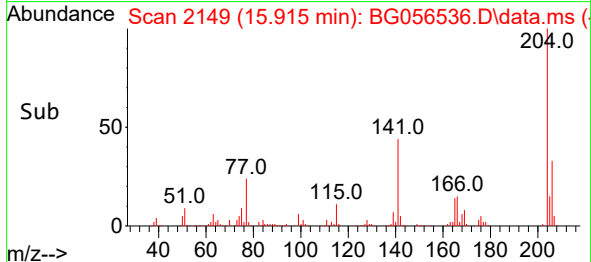
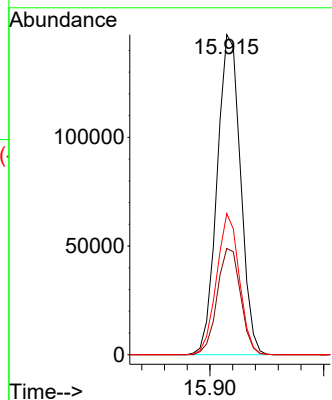
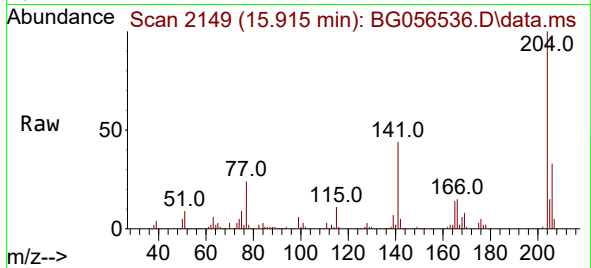




#61
4-Chlorophenyl-phenylether
Concen: 44.045 ng
RT: 15.915 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

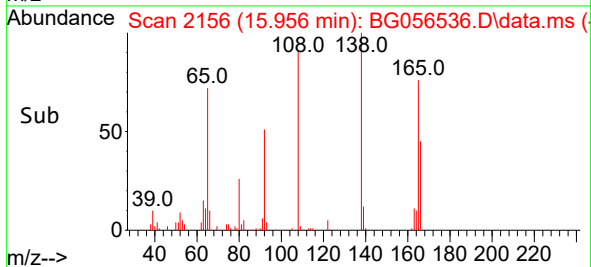
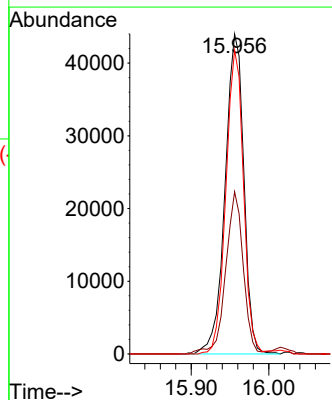
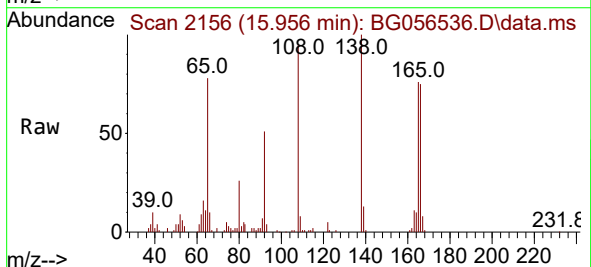
Instrument :
BNA_G
ClientSampleId :
PB150626BS

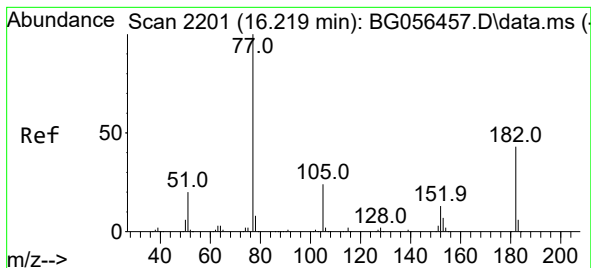
Tgt Ion:204 Resp: 210791
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 44.1 32.7 49.1



#62
4-Nitroaniline
Concen: 43.094 ng
RT: 15.956 min Scan# 2156
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:138 Resp: 74110
Ion Ratio Lower Upper
138 100
92 50.7 27.8 67.8
108 94.9 72.6 112.6





#63

Azobenzene

Concen: 44.516 ng

RT: 16.208 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

Tgt Ion: 77 Resp: 233817

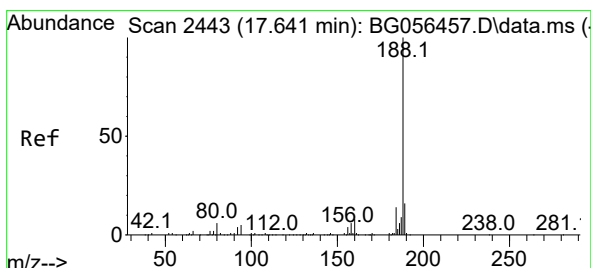
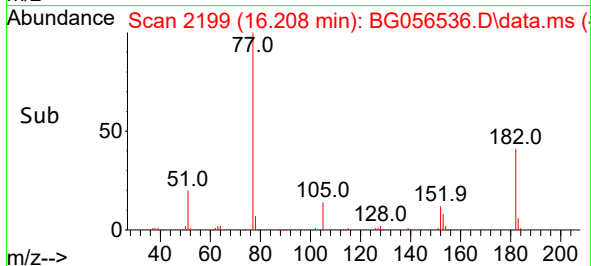
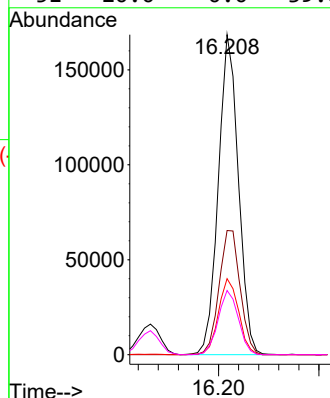
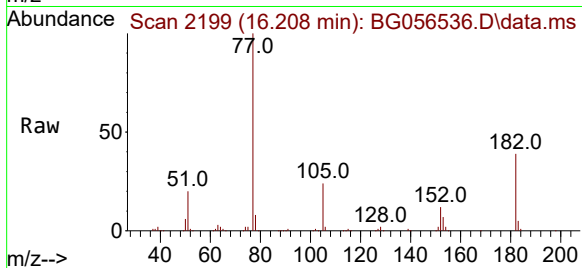
Ion Ratio Lower Upper

77 100

182 38.8 23.1 63.1

105 23.7 4.2 44.2

51 20.0 0.0 39.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.630 min Scan# 2441

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

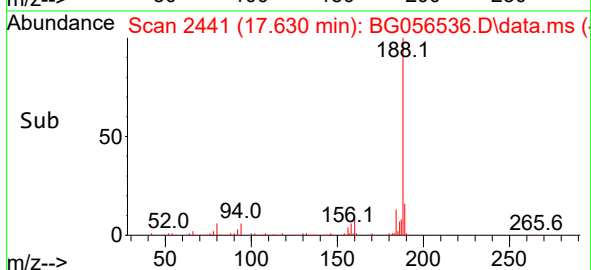
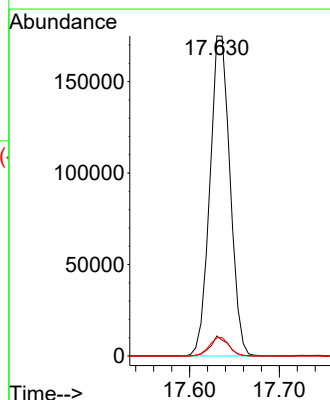
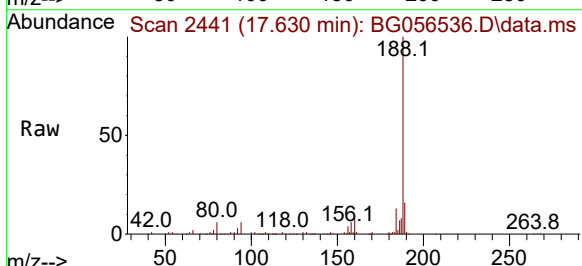
Tgt Ion:188 Resp: 272654

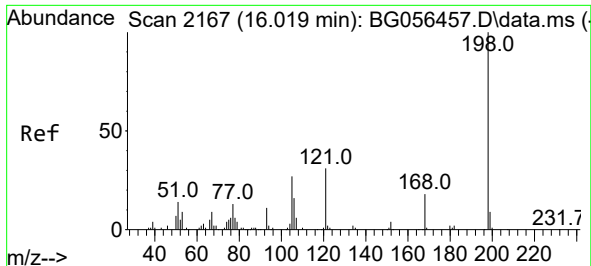
Ion Ratio Lower Upper

188 100

94 6.3 4.1 6.1#

80 5.7 5.0 7.4

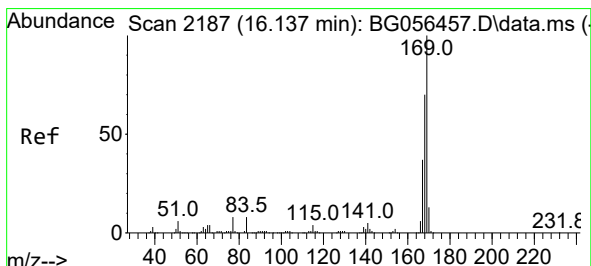
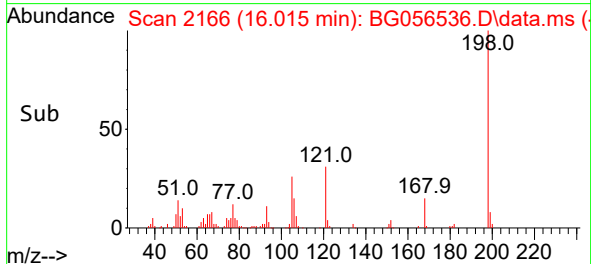
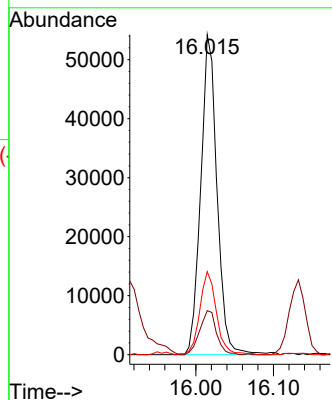
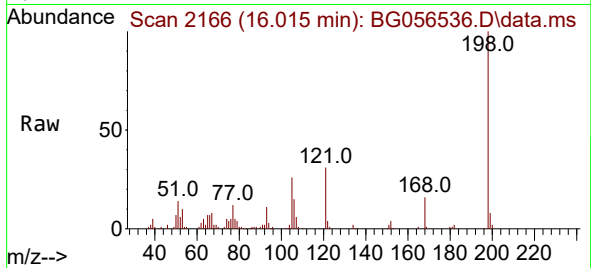




#65
4,6-Dinitro-2-methylphenol
Concen: 41.310 ng
RT: 16.015 min Scan# 2167
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

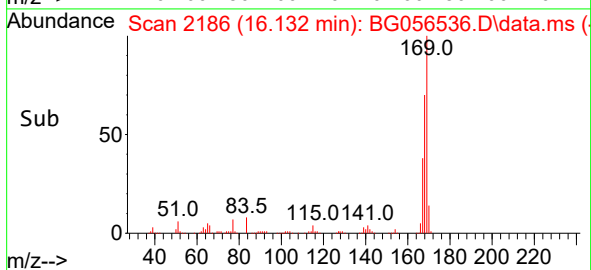
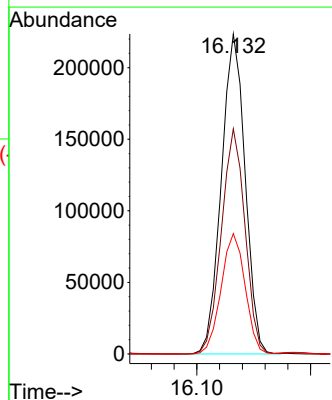
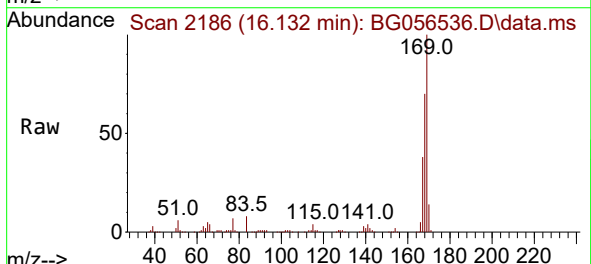
Instrument :
BNA_G
ClientSampleId :
PB150626BS

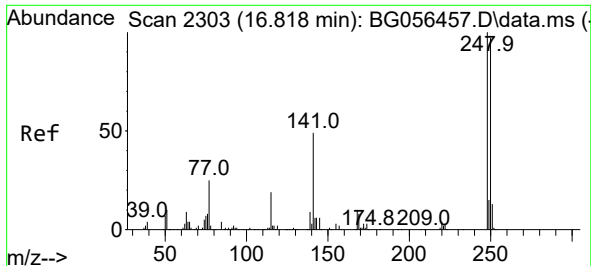
Tgt Ion:198 Resp: 79187
Ion Ratio Lower Upper
198 100
51 13.7 0.0 35.0
105 25.9 7.4 47.4



#66
n-Nitrosodiphenylamine
Concen: 42.055 ng
RT: 16.132 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:169 Resp: 324649
Ion Ratio Lower Upper
169 100
168 70.4 55.8 83.6
167 37.6 29.8 44.8

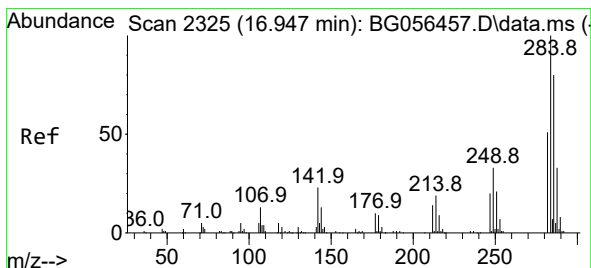
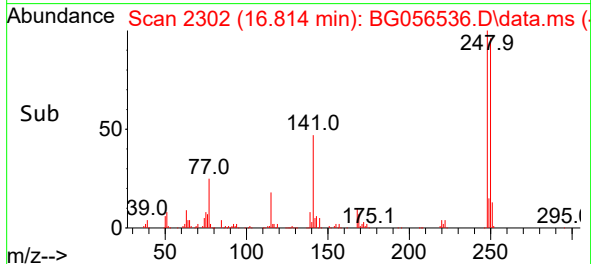
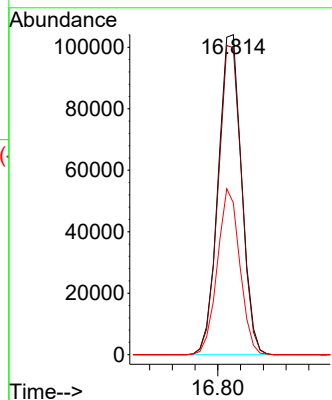
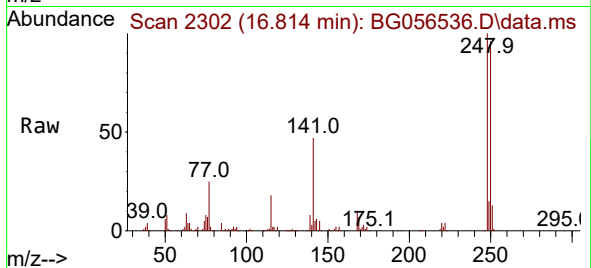




#67
4-Bromophenyl-phenylether
Concen: 42.666 ng
RT: 16.814 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

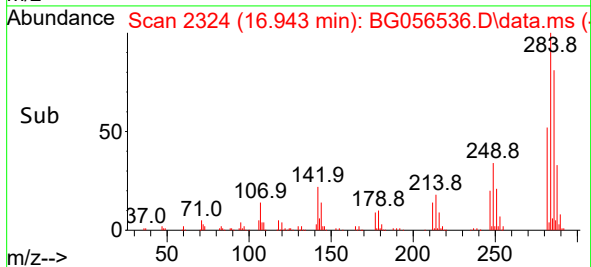
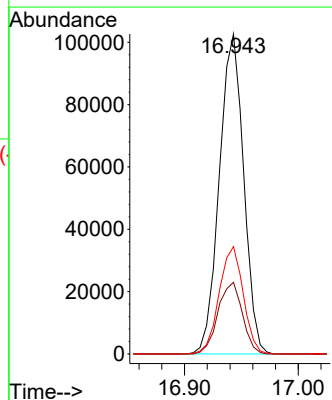
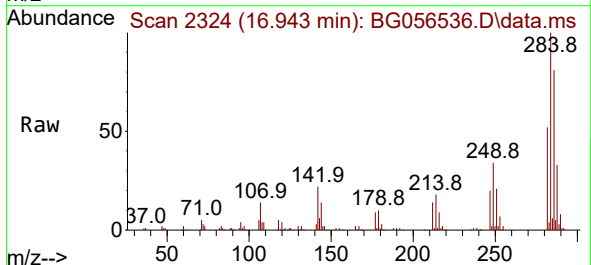
Instrument :
BNA_G
ClientSampleId :
PB150626BS

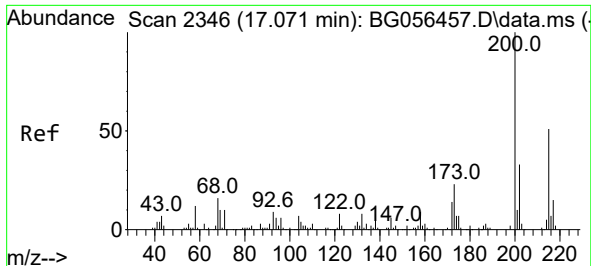
Tgt Ion:248 Resp: 148922
Ion Ratio Lower Upper
248 100
250 96.0 77.6 116.4
141 47.4 39.0 58.4



#68
Hexachlorobenzene
Concen: 44.562 ng
RT: 16.943 min Scan# 2324
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:284 Resp: 152341
Ion Ratio Lower Upper
284 100
142 22.4 18.0 27.0
249 33.6 26.7 40.1

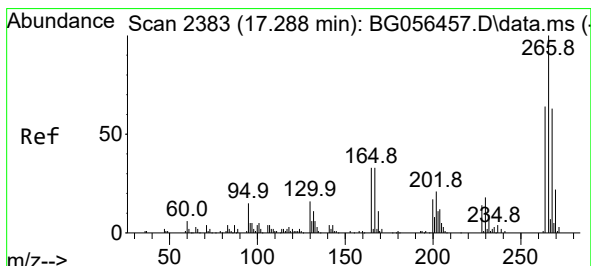
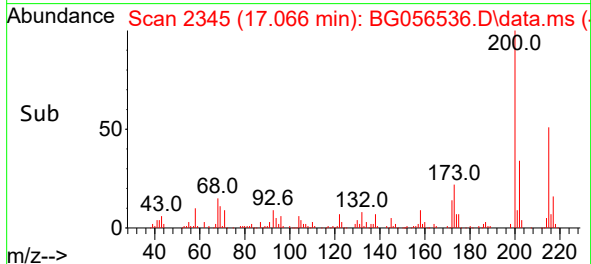
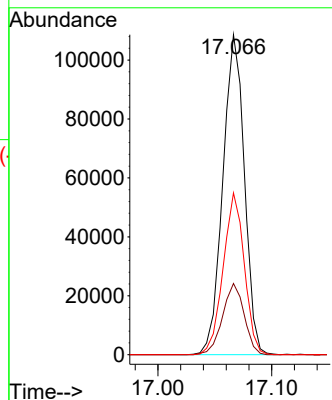
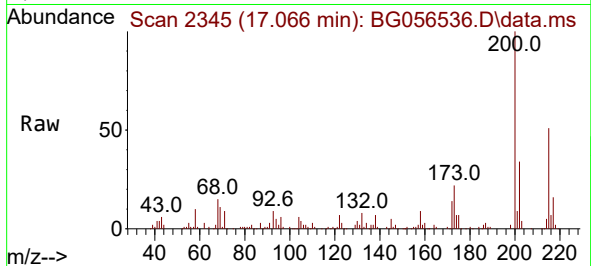




#69
 Atrazine
 Concen: 48.035 ng
 RT: 17.066 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056536.D
 Acq: 3 Feb 2023 12:58

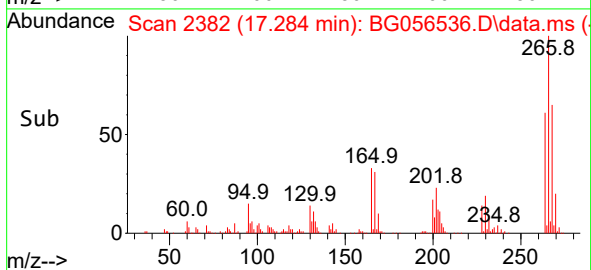
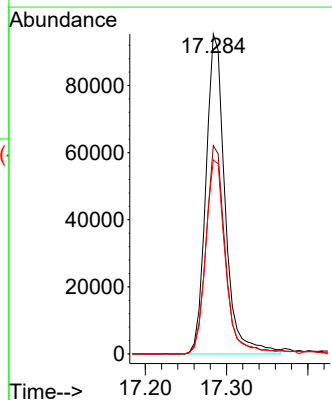
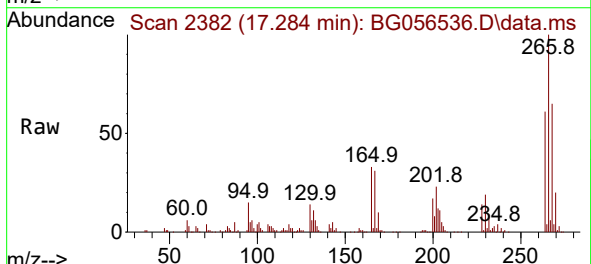
Instrument :
 BNA_G
 ClientSampleId :
 PB150626BS

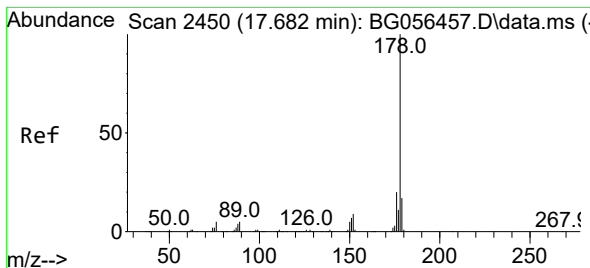
Tgt Ion:200 Resp: 143056
 Ion Ratio Lower Upper
 200 100
 173 22.2 3.2 43.2
 215 50.5 30.7 70.7



#70
 Pentachlorophenol
 Concen: 75.362 ng
 RT: 17.284 min Scan# 2382
 Delta R.T. 0.001 min
 Lab File: BG056536.D
 Acq: 3 Feb 2023 12:58

Tgt Ion:266 Resp: 155891
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.2 75.4
 264 60.7 51.4 77.0





#71

Phenanthrene

Concen: 43.076 ng

RT: 17.677 min Scan# 2449

Delta R.T. 0.001 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

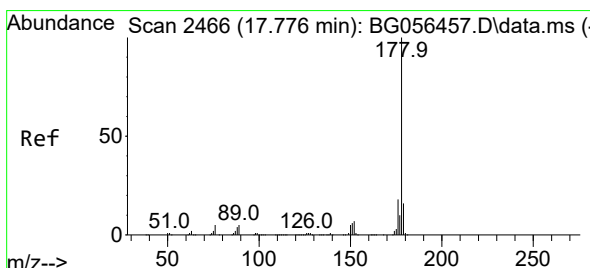
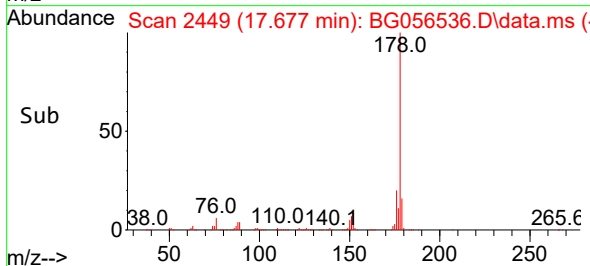
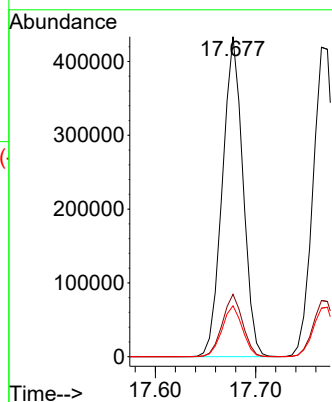
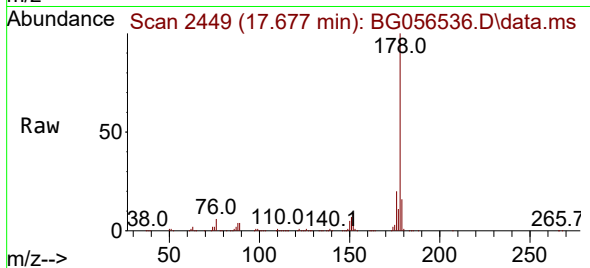
Tgt Ion:178 Resp: 614704

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.9 13.3 19.9



#72

Anthracene

Concen: 43.404 ng

RT: 17.765 min Scan# 2464

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

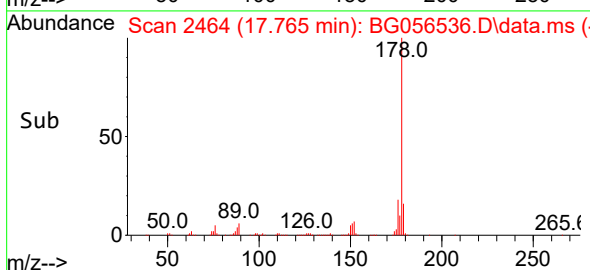
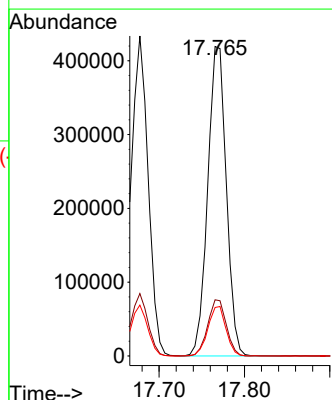
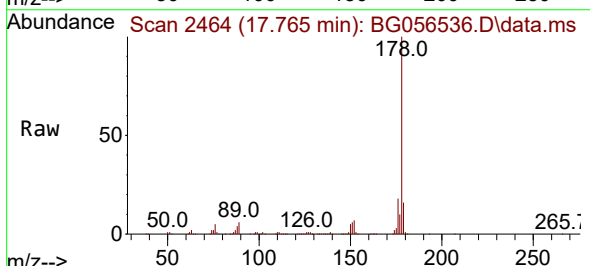
Tgt Ion:178 Resp: 635820

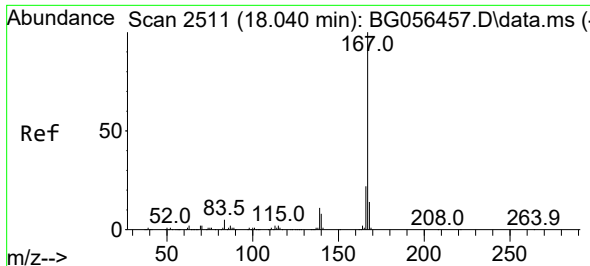
Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

179 15.7 12.5 18.7

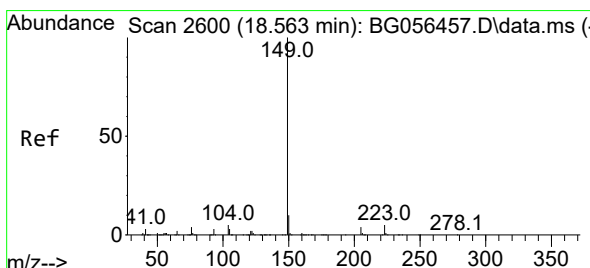
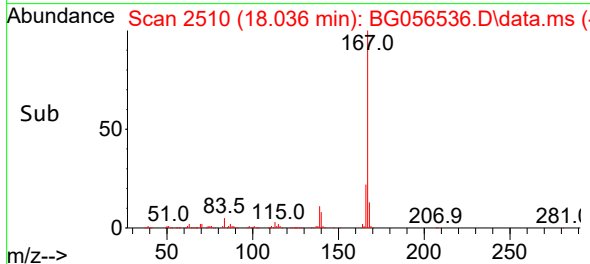
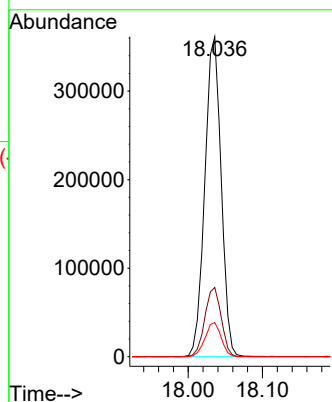
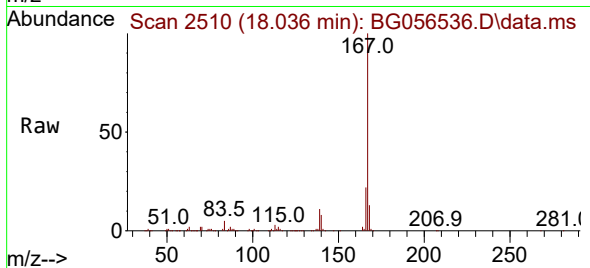




#73
 Carbazole
 Concen: 44.391 ng
 RT: 18.036 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056536.D
 Acq: 3 Feb 2023 12:58

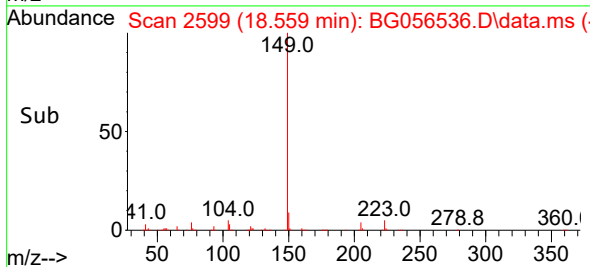
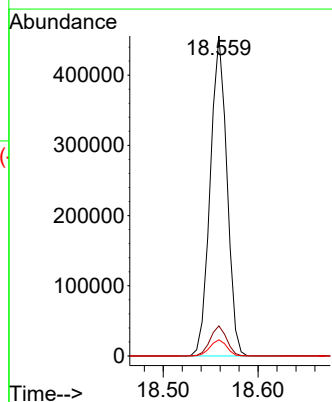
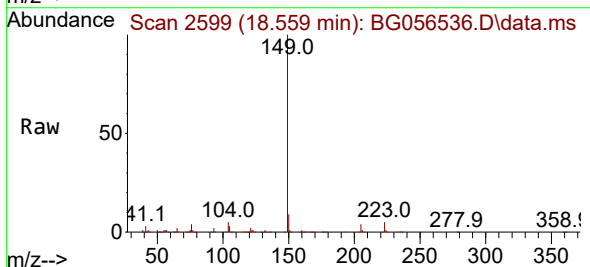
Instrument :
 BNA_G
 ClientSampleId :
 PB150626BS

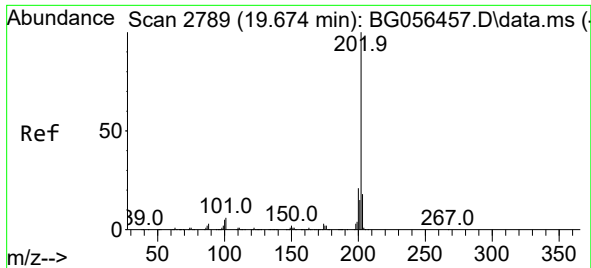
Tgt Ion:167 Resp: 553834
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 10.7 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 42.450 ng
 RT: 18.559 min Scan# 2599
 Delta R.T. -0.005 min
 Lab File: BG056536.D
 Acq: 3 Feb 2023 12:58

Tgt Ion:149 Resp: 556089
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 5.1 4.0 6.0

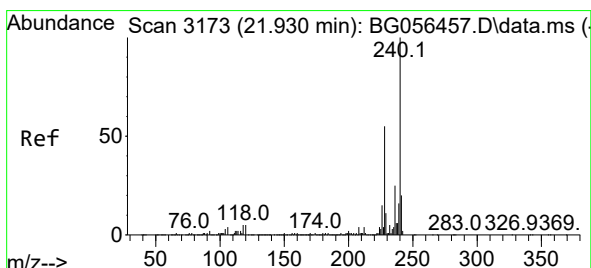
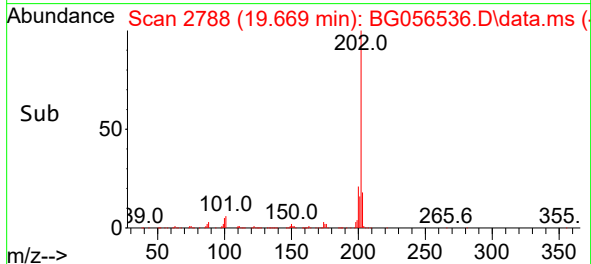
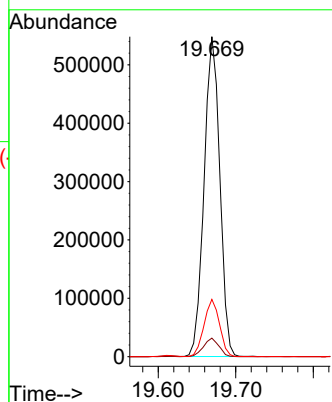
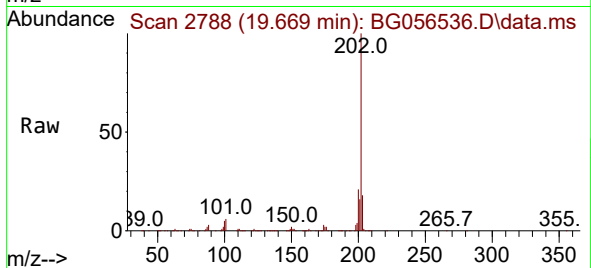




#75
Fluoranthene
Concen: 42.768 ng
RT: 19.669 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

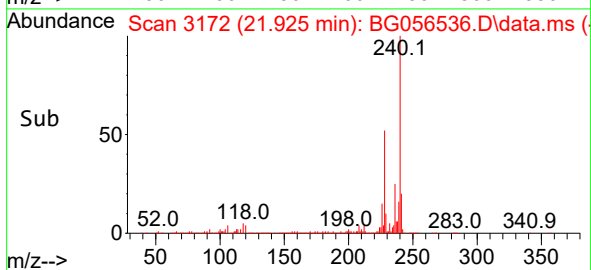
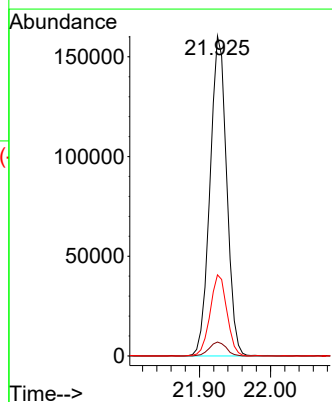
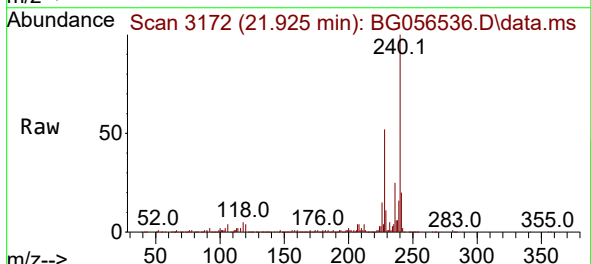
Instrument :
BNA_G
ClientSampleId :
PB150626BS

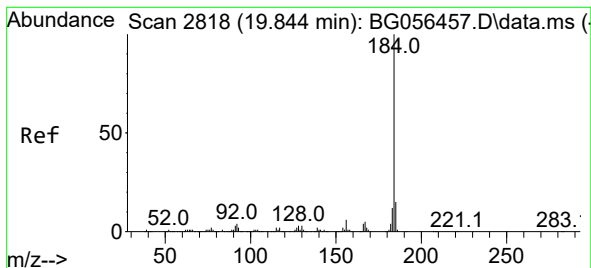
Tgt Ion:202 Resp: 770278
Ion Ratio Lower Upper
202 100
101 5.8 0.0 25.6
203 17.9 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:240 Resp: 261179
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 25.4 20.2 30.2





#77

Benzidine

Concen: 44.405 ng

RT: 19.840 min Scan# 2818

Delta R.T. 0.001 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

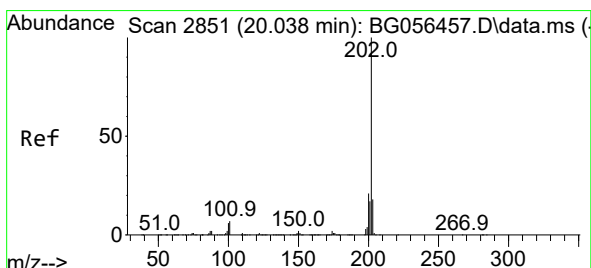
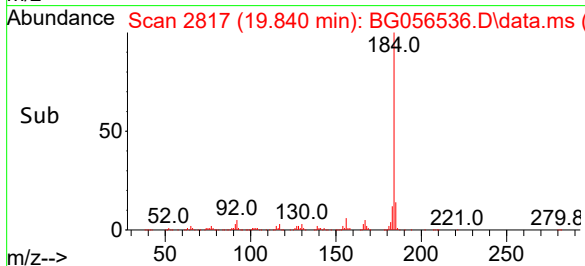
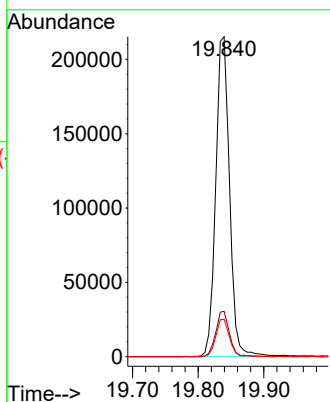
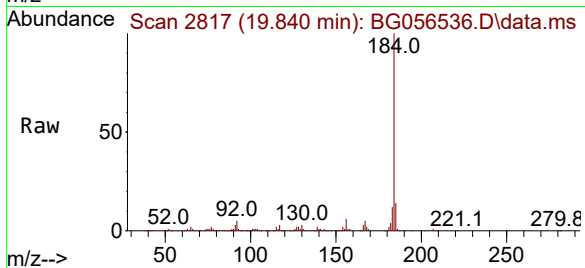
Tgt Ion:184 Resp: 313849

Ion Ratio Lower Upper

184 100

185 14.2 12.3 18.5

183 11.7 9.8 14.8



#78

Pyrene

Concen: 42.214 ng

RT: 20.033 min Scan# 2850

Delta R.T. 0.001 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

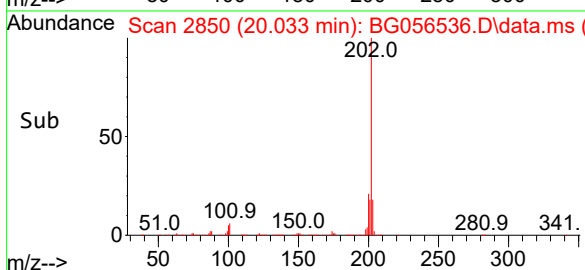
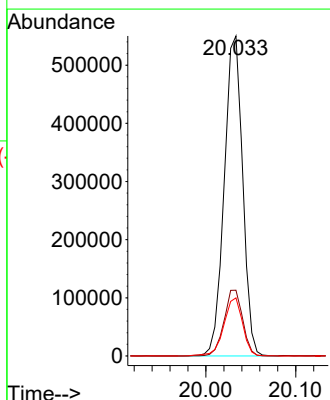
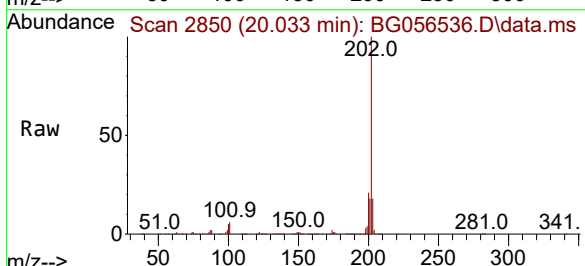
Tgt Ion:202 Resp: 784146

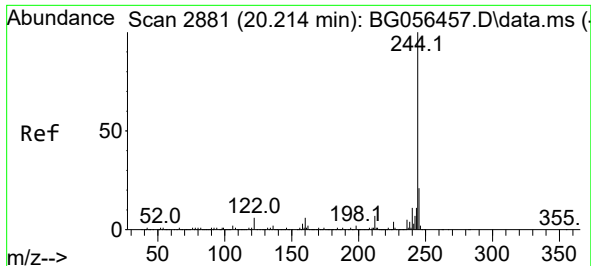
Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 18.1 14.4 21.6

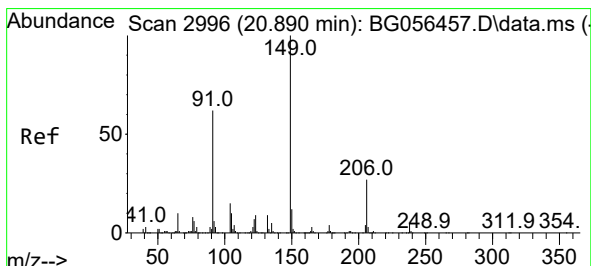
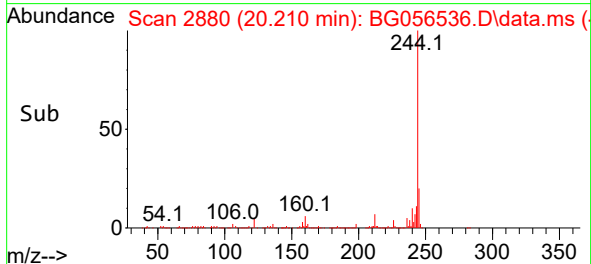
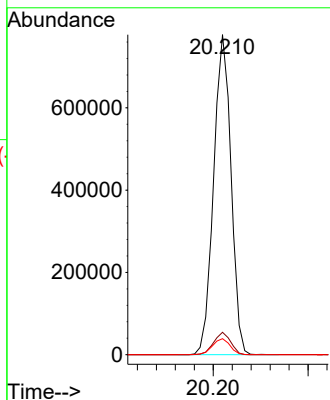
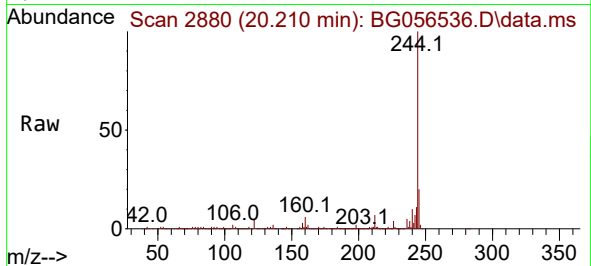




#79
 Terphenyl-d14
 Concen: 66.571 ng
 RT: 20.210 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056536.D
 Acq: 3 Feb 2023 12:58

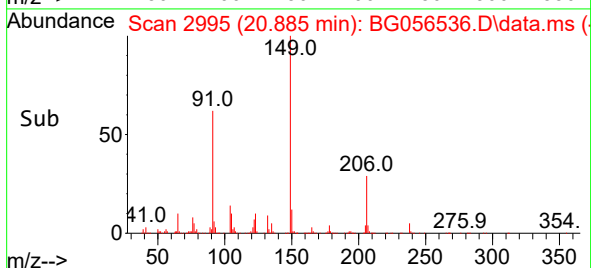
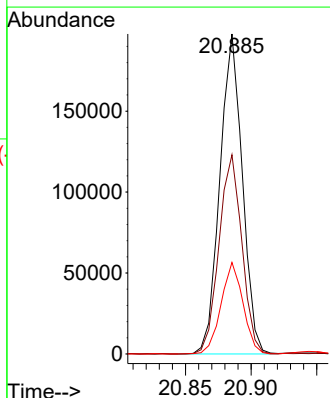
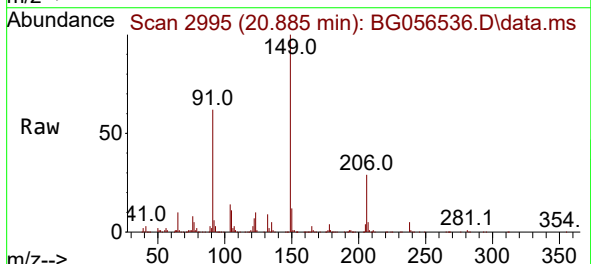
Instrument :
 BNA_G
 ClientSampleId :
 PB150626BS

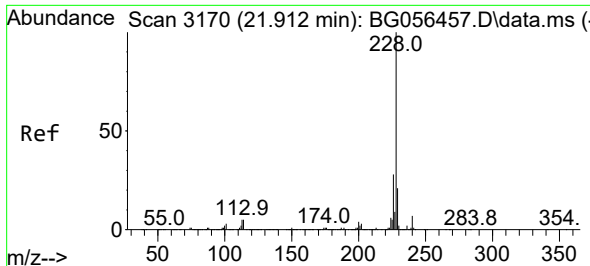
Tgt Ion:244 Resp: 989947
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 5.0 4.4 6.6



#80
 Butylbenzylphthalate
 Concen: 41.406 ng
 RT: 20.885 min Scan# 2995
 Delta R.T. 0.001 min
 Lab File: BG056536.D
 Acq: 3 Feb 2023 12:58

Tgt Ion:149 Resp: 234901
 Ion Ratio Lower Upper
 149 100
 91 62.3 49.4 74.0
 206 28.6 22.0 33.0

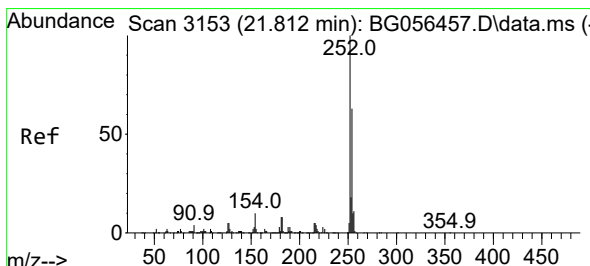
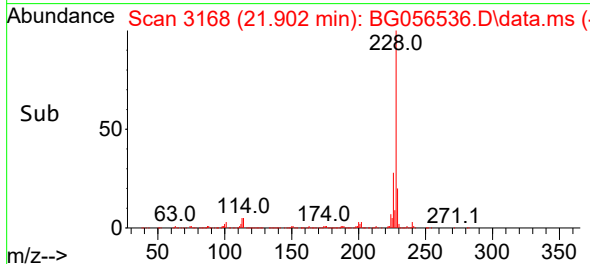
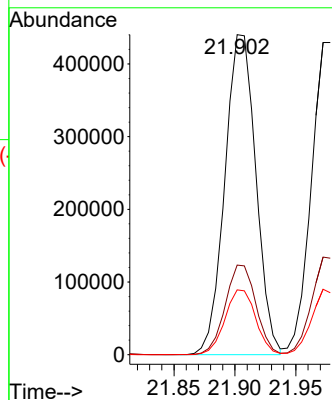
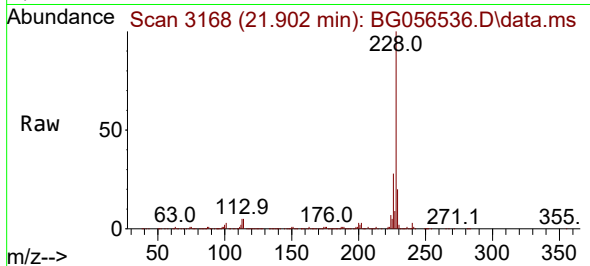




#81
Benzo(a)anthracene
Concen: 42.719 ng
RT: 21.902 min Scan# 3170
Delta R.T. 0.001 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

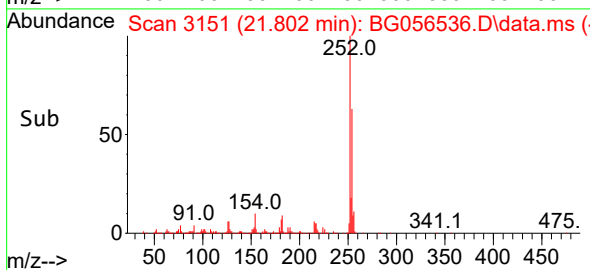
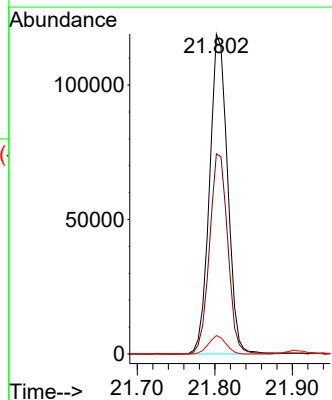
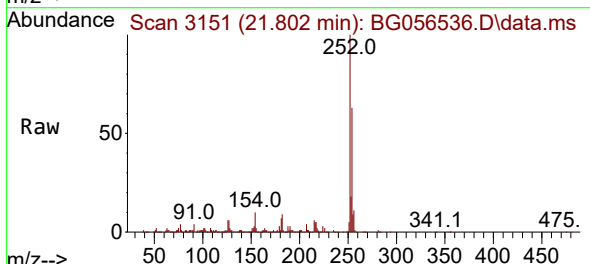
Instrument :
BNA_G
ClientSampleId :
PB150626BS

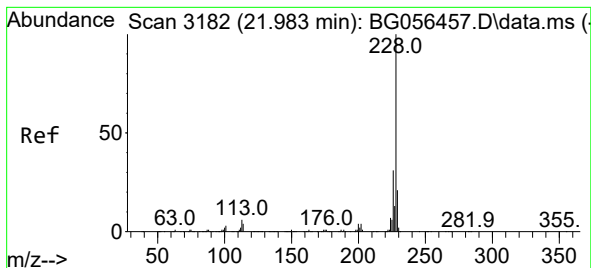
Tgt Ion:228 Resp: 780022
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.2 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 29.143 ng
RT: 21.802 min Scan# 3151
Delta R.T. -0.005 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:252 Resp: 191627
Ion Ratio Lower Upper
252 100
254 62.6 50.0 75.0
126 5.7 4.3 6.5





#83

Chrysene

Concen: 42.089 ng

RT: 21.978 min Scan# 3181

Delta R.T. 0.001 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

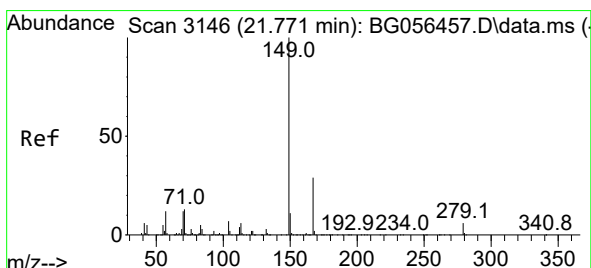
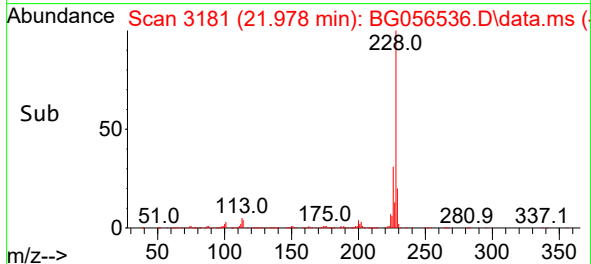
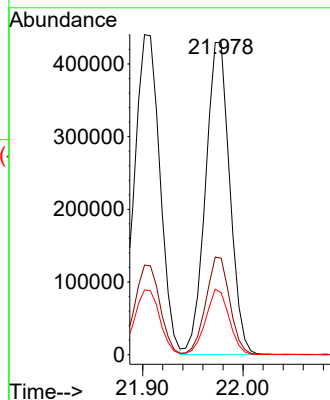
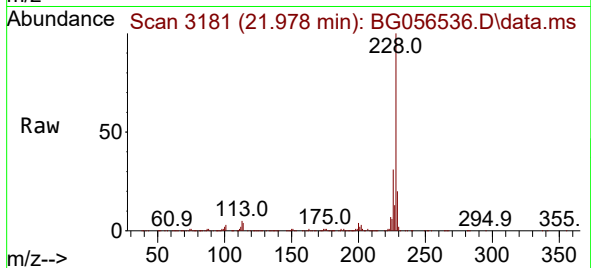
Tgt Ion:228 Resp: 722011

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

229 19.8 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.516 ng

RT: 21.761 min Scan# 3144

Delta R.T. -0.005 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

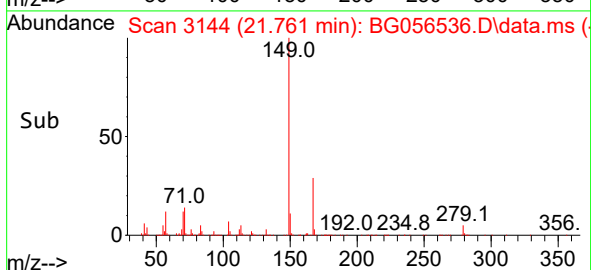
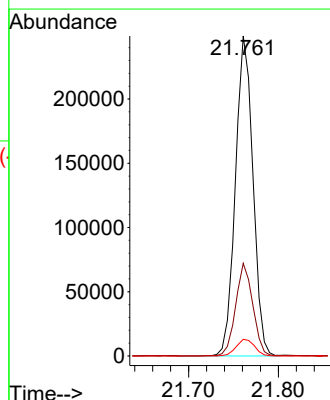
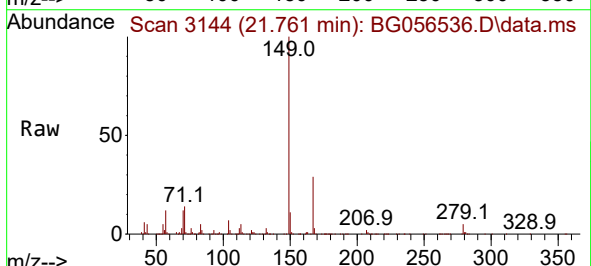
Tgt Ion:149 Resp: 337675

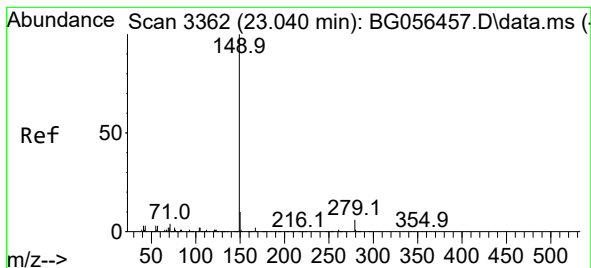
Ion Ratio Lower Upper

149 100

167 28.9 23.4 35.2

279 5.2 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 41.873 ng

RT: 23.036 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

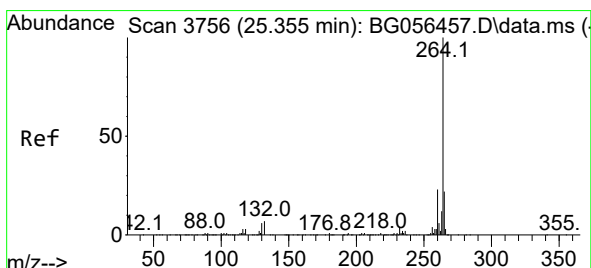
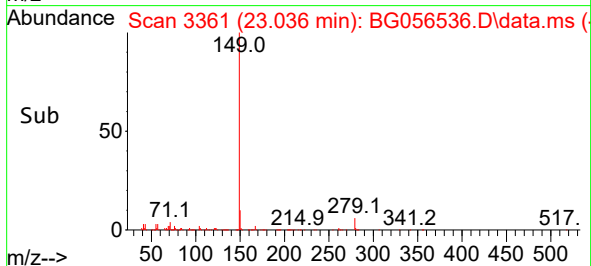
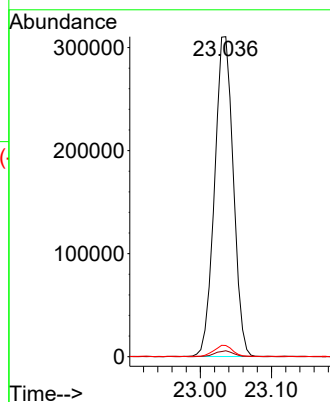
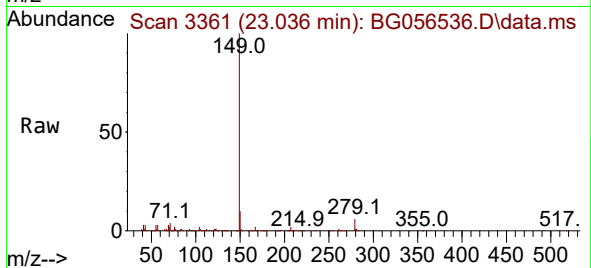
Tgt Ion:149 Resp: 567174

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

43 3.5 2.7 4.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.345 min Scan# 3754

Delta R.T. 0.001 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

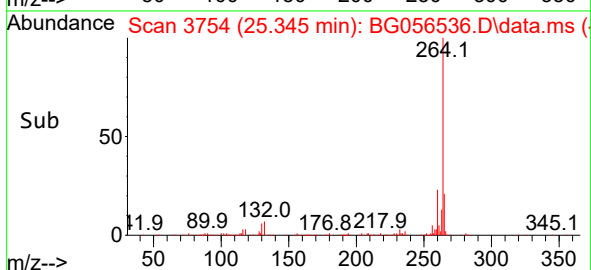
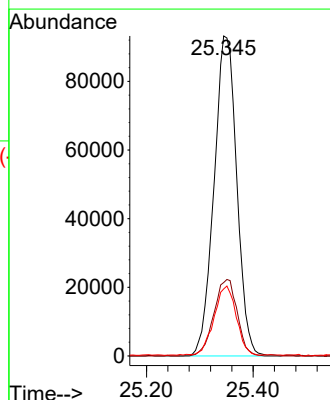
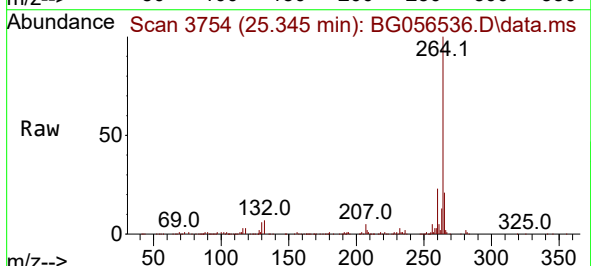
Tgt Ion:264 Resp: 276112

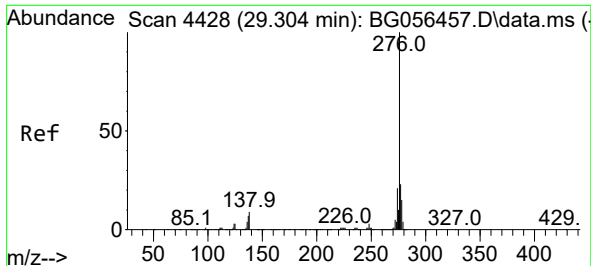
Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 20.9 18.1 27.1

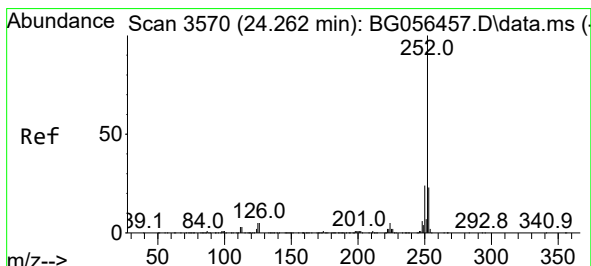
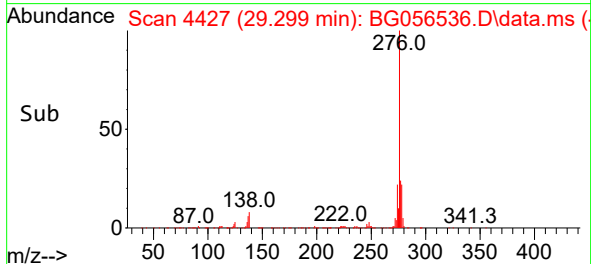
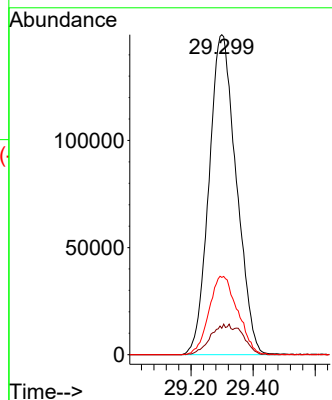
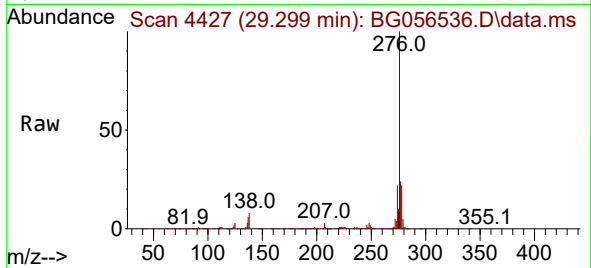




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.221 ng
 RT: 29.299 min Scan# 4428
 Delta R.T. 0.019 min
 Lab File: BG056536.D
 Acq: 3 Feb 2023 12:58

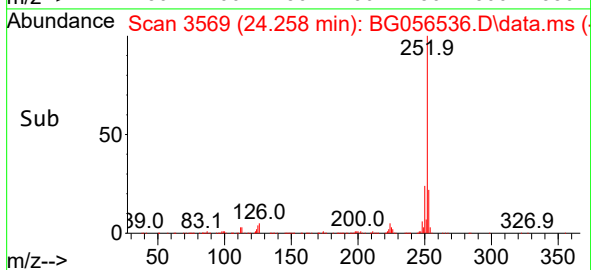
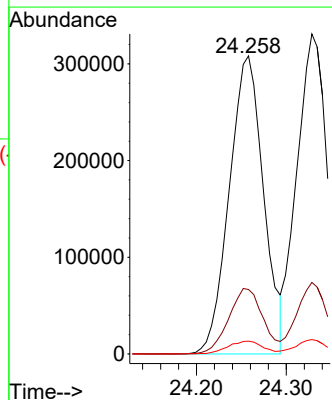
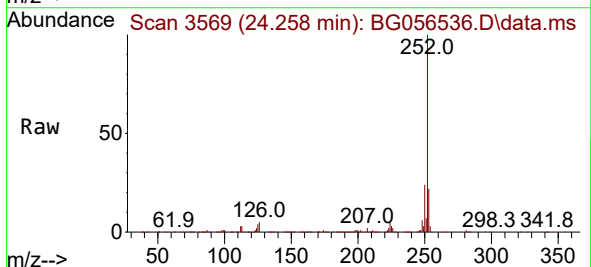
Instrument :
 BNA_G
 ClientSampleId :
 PB150626BS

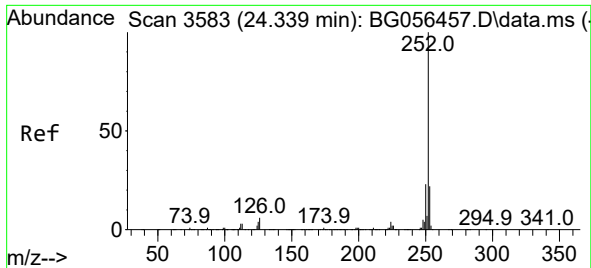
Tgt Ion:276 Resp: 914003
 Ion Ratio Lower Upper
 276 100
 138 0.0 9.4 14.2#
 277 25.6 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 47.659 ng
 RT: 24.258 min Scan# 3569
 Delta R.T. 0.007 min
 Lab File: BG056536.D
 Acq: 3 Feb 2023 12:58

Tgt Ion:252 Resp: 816790
 Ion Ratio Lower Upper
 252 100
 253 21.6 18.1 27.1
 125 4.3 3.9 5.9

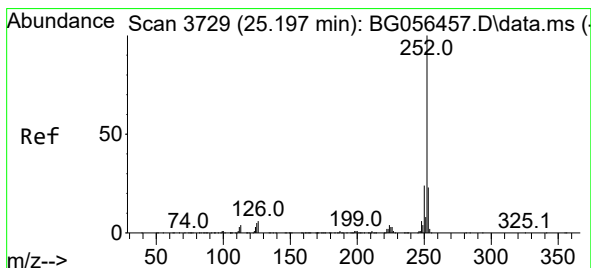
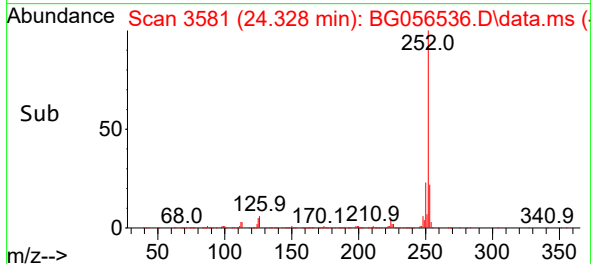
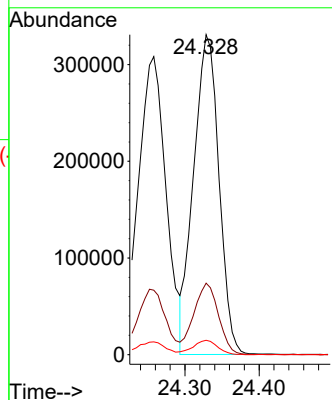
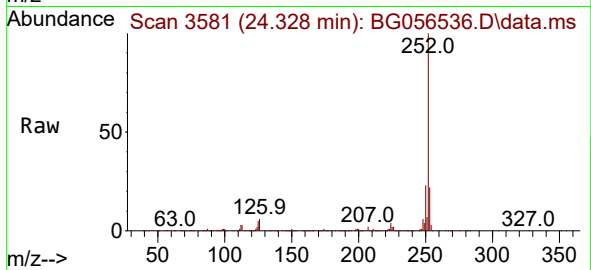




#89
Benzo(k)fluoranthene
Concen: 45.345 ng
RT: 24.328 min Scan# 3581
Delta R.T. 0.007 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

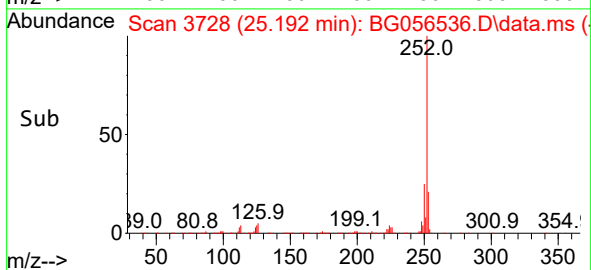
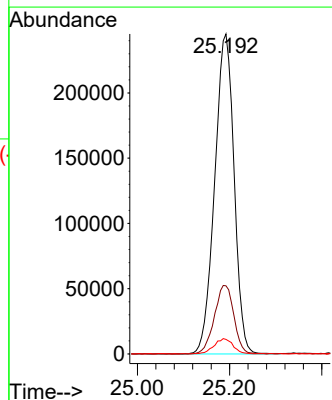
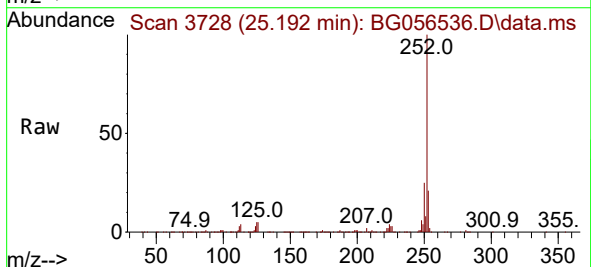
Instrument :
BNA_G
ClientSampleId :
PB150626BS

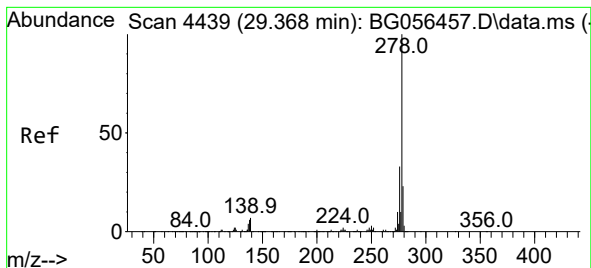
Tgt Ion:252 Resp: 784610
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 4.5 3.4 5.0



#90
Benzo(a)pyrene
Concen: 42.340 ng
RT: 25.192 min Scan# 3728
Delta R.T. 0.007 min
Lab File: BG056536.D
Acq: 3 Feb 2023 12:58

Tgt Ion:252 Resp: 714778
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 4.6 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 45.402 ng

RT: 29.352 min Scan# 4436

Delta R.T. 0.007 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Instrument :

BNA_G

ClientSampleId :

PB150626BS

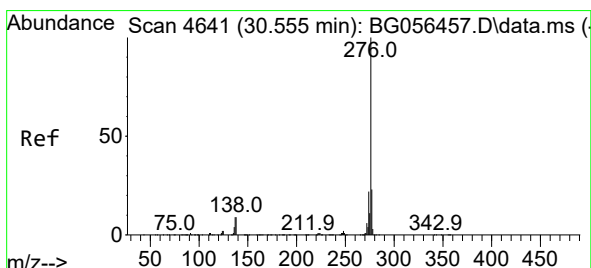
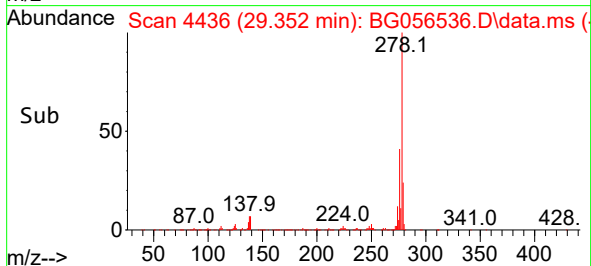
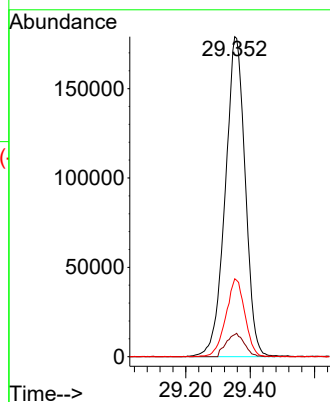
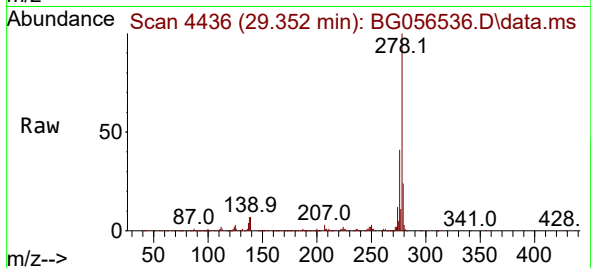
Tgt Ion:278 Resp: 770273

Ion Ratio Lower Upper

278 100

139 6.9 5.5 8.3

279 24.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 45.473 ng

RT: 30.545 min Scan# 4639

Delta R.T. 0.019 min

Lab File: BG056536.D

Acq: 3 Feb 2023 12:58

Tgt Ion:276 Resp: 744395

Ion Ratio Lower Upper

276 100

277 22.4 18.5 27.7

138 8.7 7.4 11.0

