

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
 Data File : BG056623.D
 Acq On : 13 Feb 2023 17:24
 Operator : CG/JU
 Sample : 01529-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 14 02:07:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 22:46:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	40167	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	146415	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	107092	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	250357	20.000	ng	0.00
76) Chrysene-d12	21.865	240	227593	20.000	ng	0.00
86) Perylene-d12	25.238	264	251172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	252577	115.676	ng	0.00
7) Phenol-d6	7.370	99	346665	107.154	ng	0.00
23) Nitrobenzene-d5	9.386	82	186070	72.165	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	146013	102.557	ng	0.00
45) 2-Fluorobiphenyl	13.463	172	563122	72.902	ng	0.00
79) Terphenyl-d14	20.155	244	899231	69.395	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.504	88	36401	40.037	ng	# 94
3) Pyridine	3.927	79	98584	36.375	ng	97
4) n-Nitrosodimethylamine	3.845	42	23863	41.403	ng	94
6) Aniline	7.523	93	81733	19.296	ng	95
8) 2-Chlorophenol	7.776	128	120690	50.315	ng	99
9) Benzaldehyde	7.335	77	59313	40.195	ng	95
10) Phenol	7.400	94	157503	47.900	ng	99
11) bis(2-Chloroethyl)ether	7.617	93	101539	44.926	ng	95
12) 1,3-Dichlorobenzene	8.099	146	139116	50.372	ng	97
13) 1,4-Dichlorobenzene	8.246	146	138509	49.523	ng	99
14) 1,2-Dichlorobenzene	8.569	146	134628	49.612	ng	98
15) Benzyl Alcohol	8.451	79	96508	43.478	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.739	45	21882	45.694	ng	96
17) 2-Methylphenol	8.663	107	109556	43.795	ng	97
18) Hexachloroethane	9.303	117	42014	49.666	ng	96
19) n-Nitroso-di-n-propyla...	9.015	70	74127	39.759	ng	98
20) 3+4-Methylphenols	8.992	107	148266	42.293	ng	97
22) Acetophenone	9.039	105	177501	45.627	ng	98
24) Nitrobenzene	9.433	77	114957	46.222	ng	98
25) Isophorone	9.950	82	221191	41.583	ng	99
26) 2-Nitrophenol	10.149	139	73168	48.488	ng	98
27) 2,4-Dimethylphenol	10.202	122	121676	48.181	ng	95
28) bis(2-Chloroethoxy)met...	10.426	93	133638	45.477	ng	98
29) 2,4-Dichlorophenol	10.696	162	140370	49.380	ng	98
30) 1,2,4-Trichlorobenzene	10.902	180	159158	50.384	ng	97
31) Naphthalene	11.095	128	423344	54.781	ng	99
32) Benzoic acid	10.373	122	37155	26.297	ng	96
33) 4-Chloroaniline	11.207	127	51542	14.288	ng	99
34) Hexachlorobutadiene	11.360	225	112961	50.944	ng	99
35) Caprolactam	11.983	113	30481	31.794	ng	98
36) 4-Chloro-3-methylphenol	12.323	107	122347	44.567	ng	98
37) 2-Methylnaphthalene	12.682	142	297054	46.626	ng	97
38) 1-Methylnaphthalene	12.899	142	268915	45.195	ng	99
40) 1,2,4,5-Tetrachloroben...	13.046	216	209043	53.430	ng	99
41) Hexachlorocyclopentadiene	13.017	237	123505	61.178	ng	99
43) 2,4,6-Trichlorophenol	13.287	196	125505	49.779	ng	100

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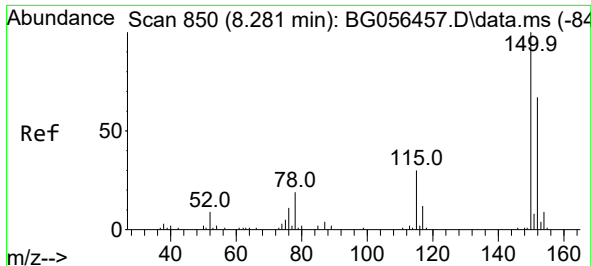
Quant Time: Feb 14 02:07:28 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 22:46:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.375	196	132186	44.779	ng	99
46) 1,1'-Biphenyl	13.675	154	395960	50.976	ng	100
47) 2-Chloronaphthalene	13.728	162	313801	51.685	ng	100
48) 2-Nitroaniline	13.927	65	59760	47.613	ng	94
49) Acenaphthylene	14.568	152	476815	48.270	ng	99
50) Dimethylphthalate	14.280	163	384447	44.373	ng	99
51) 2,6-Dinitrotoluene	14.415	165	84627	44.790	ng	99
52) Acenaphthene	14.903	154	373634	63.784	ng	99
53) 3-Nitroaniline	14.744	138	50568	27.606	ng	98
54) 2,4-Dinitrophenol	14.967	184	79489	67.107	ng	93
55) Dibenzofuran	15.238	168	567277	53.999	ng	100
56) 4-Nitrophenol	15.073	139	102402	81.815	ng	98
57) 2,4-Dinitrotoluene	15.208	165	120282	45.195	ng	99
58) Fluorene	15.884	166	495876	59.321	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.467	232	115483	43.999	ng	98
60) Diethylphthalate	15.631	149	354487	43.572	ng	99
61) 4-Chlorophenyl-phenyle...	15.860	204	235382	46.146	ng	97
62) 4-Nitroaniline	15.907	138	72445	39.525	ng	98
63) Azobenzene	16.154	77	273169	48.798	ng	99
65) 4,6-Dinitro-2-methylph...	15.972	198	67785	38.511	ng	99
66) n-Nitrosodiphenylamine	16.078	169	346605	48.898	ng	98
67) 4-Bromophenyl-phenylether	16.753	248	154760	48.287	ng	98
68) Hexachlorobenzene	16.889	284	162273	51.695	ng	98
69) Atrazine	17.018	200	142486	52.105	ng	95
70) Pentachlorophenol	17.235	266	114122	60.083	ng	96
71) Phenanthrene	17.629	178	1677289	128.006	ng	99
72) Anthracene	17.717	178	958230	71.240	ng	99
73) Carbazole	17.981	167	671616	58.626	ng	100
74) Di-n-butylphthalate	18.504	149	553529	46.017	ng	100
75) Fluoranthene	19.621	202	2001915	121.051	ng	97
77) Benzidine	19.785	184	295733	48.017	ng	99
78) Pyrene	19.985	202	1762340	108.875	ng	97
80) Butylbenzylphthalate	20.831	149	228417	46.205	ng	98
81) Benzo(a)anthracene	21.842	228	1394447	87.639	ng	98
82) 3,3'-Dichlorobenzidine	21.742	252	148646	25.942	ng	99
83) Chrysene	21.912	228	1219438	81.576	ng	98
84) Bis(2-ethylhexyl)phtha...	21.695	149	331968	46.838	ng	98
85) Di-n-octyl phthalate	22.946	149	554141	46.948	ng	99
87) Indeno(1,2,3-cd)pyrene	29.145	276	1184418	64.419	ng	99
88) Benzo(b)fluoranthene	24.168	252	1409465	90.408	ng	99
89) Benzo(k)fluoranthene	24.233	252	1008458	64.069	ng	98
90) Benzo(a)pyrene	25.085	252	1171230	76.267	ng	99
91) Dibenzo(a,h)anthracene	29.192	278	834496	54.071	ng	99
92) Benzo(g,h,i)perylene	30.367	276	981889	65.936	ng	98

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

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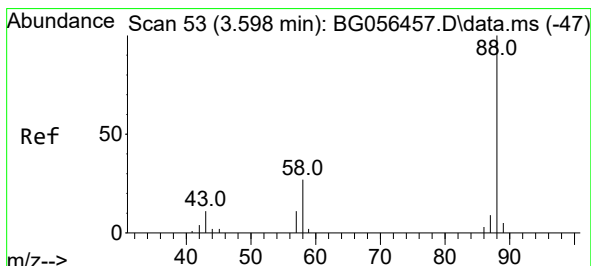
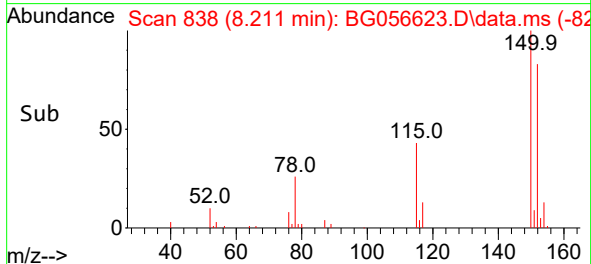
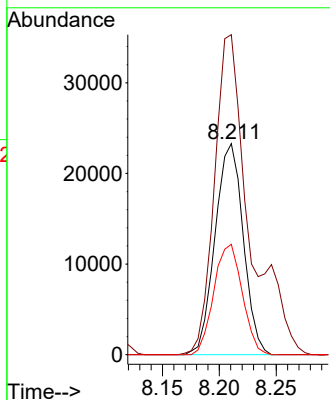
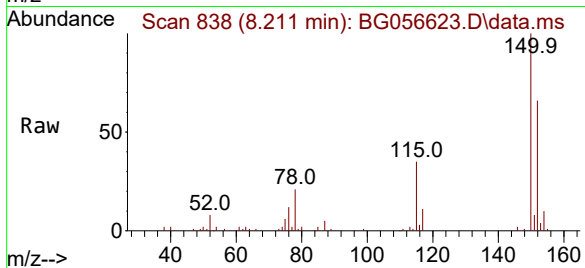




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.211 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

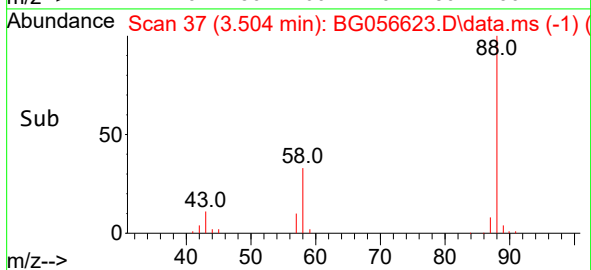
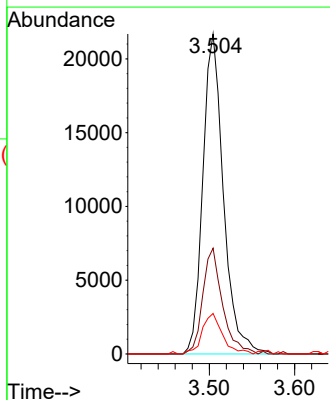
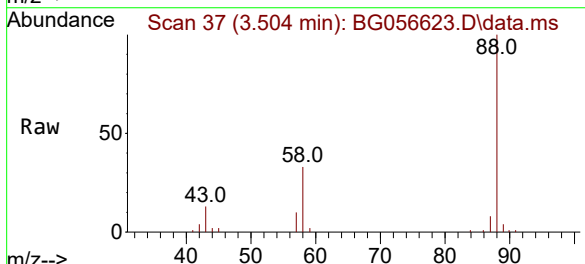
Instrument :
 BNA_G
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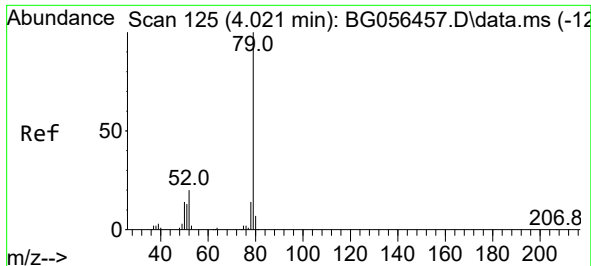
Tgt Ion:152 Resp: 40167
 Ion Ratio Lower Upper
 152 100
 150 151.6 120.2 180.4
 115 52.3 36.3 54.5



#2
 1,4-Dioxane
 Concen: 40.037 ng
 RT: 3.504 min Scan# 37
 Delta R.T. 0.003 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

Tgt Ion: 88 Resp: 36401
 Ion Ratio Lower Upper
 88 100
 58 31.8 23.0 34.4
 43 12.5 8.0 12.0#

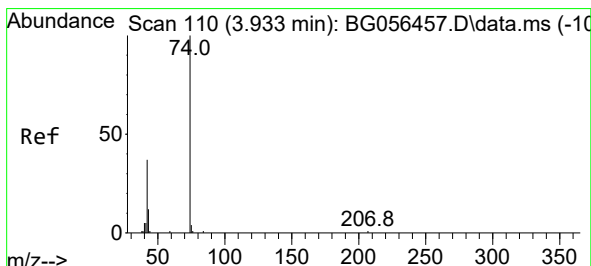
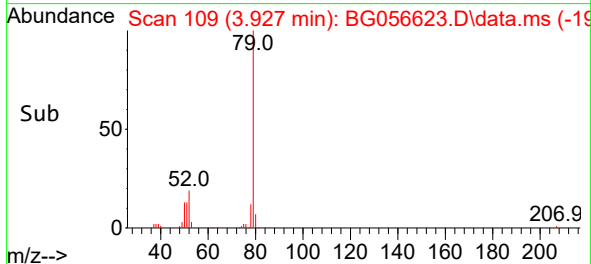
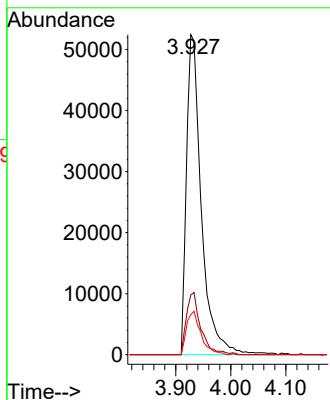
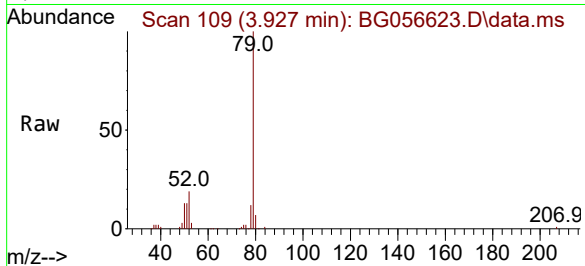




#3
Pyridine
Concen: 36.375 ng
RT: 3.927 min Scan# 109
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

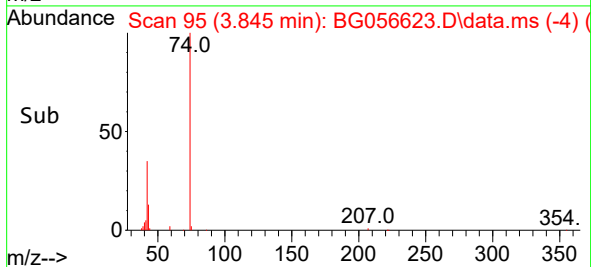
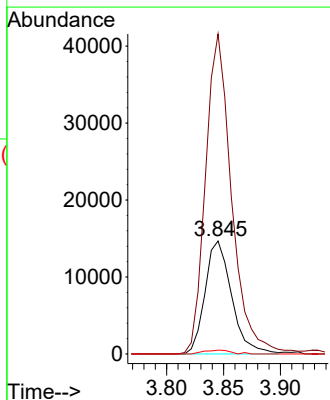
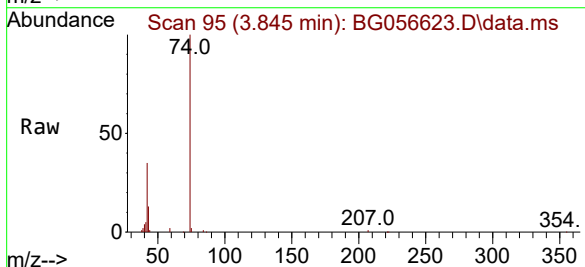
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BNA_G
ClientSampleId :

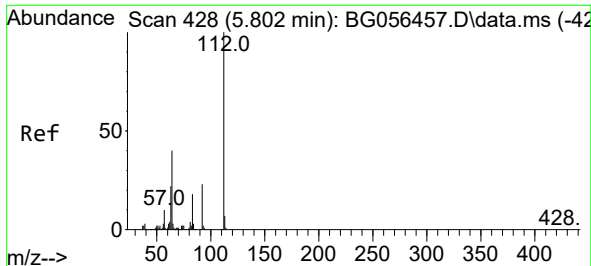
Tgt Ion: 79 Resp: 98584
Ion Ratio Lower Upper
79 100
52 18.6 16.1 24.1
51 12.6 10.7 16.1



#4
n-Nitrosodimethylamine
Concen: 41.403 ng
RT: 3.845 min Scan# 95
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion: 42 Resp: 23863
Ion Ratio Lower Upper
42 100
74 283.4 217.9 326.9
44 3.3 3.0 4.6

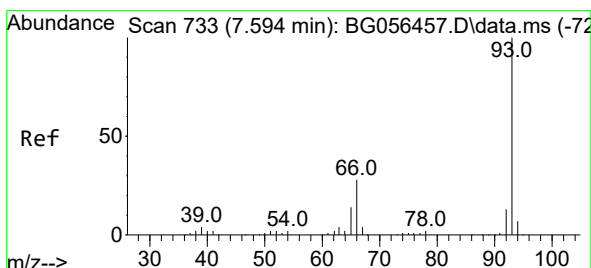
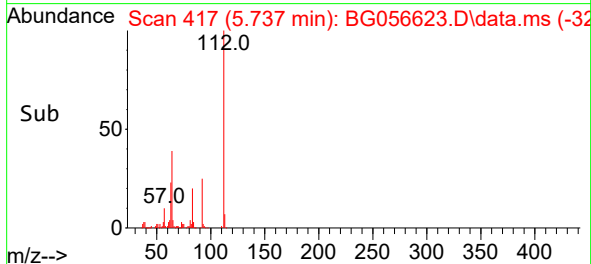
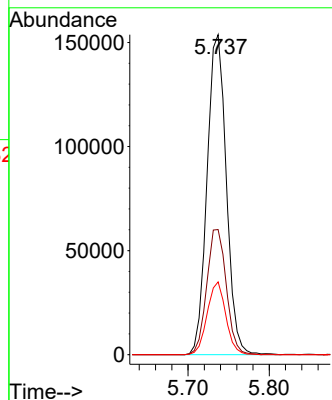
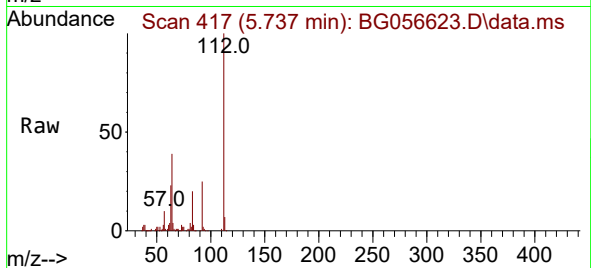




#5
2-Fluorophenol
Concen: 115.676 ng
RT: 5.737 min Scan# 417
Delta R.T. 0.009 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

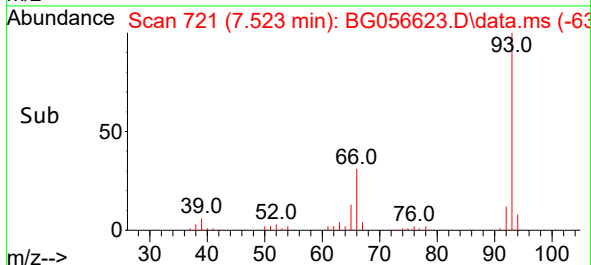
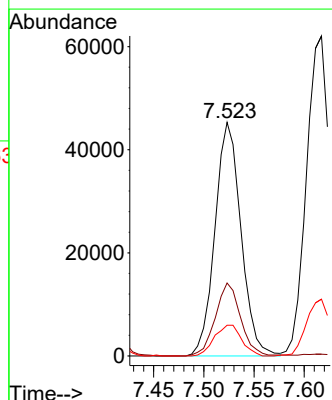
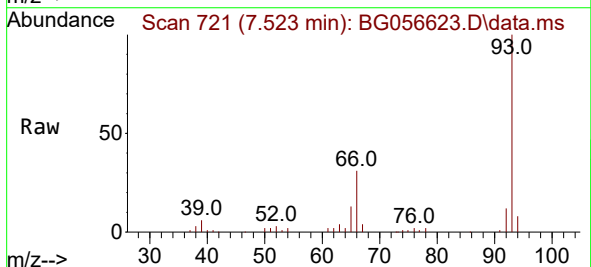
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BNA_G
ClientSampleId :

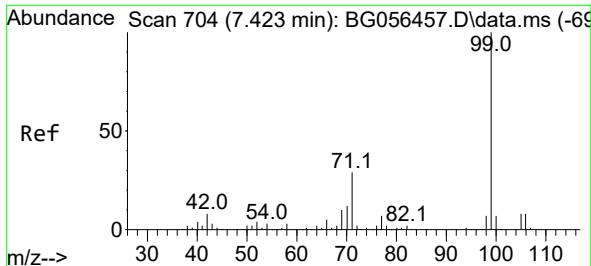
Tgt Ion:112 Resp: 252577
Ion Ratio Lower Upper
112 100
64 39.1 31.9 47.9
63 22.8 17.4 26.0



#6
Aniline
Concen: 19.296 ng
RT: 7.523 min Scan# 721
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion: 93 Resp: 81733
Ion Ratio Lower Upper
93 100
66 31.2 22.2 33.2
65 13.2 11.3 16.9

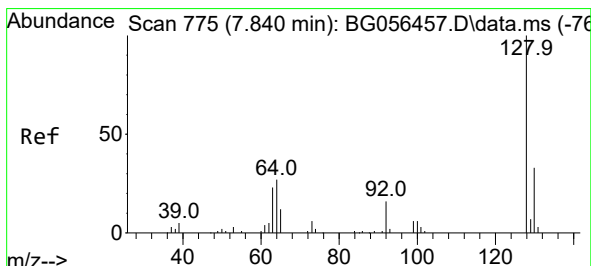
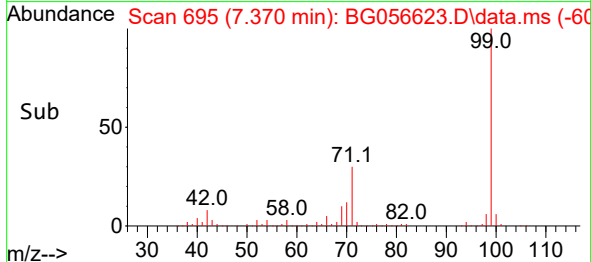
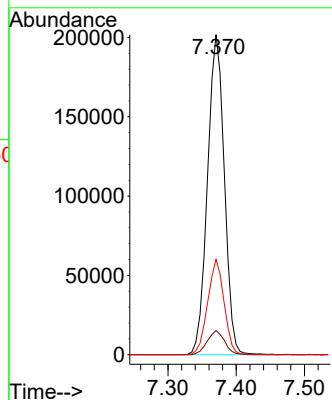
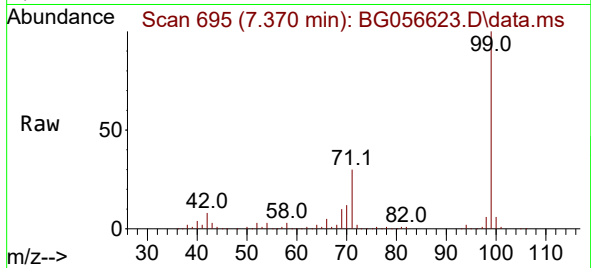




#7
Phenol-d6
Concen: 107.154 ng
RT: 7.370 min Scan# 695
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

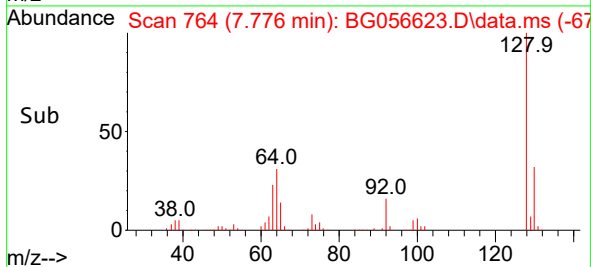
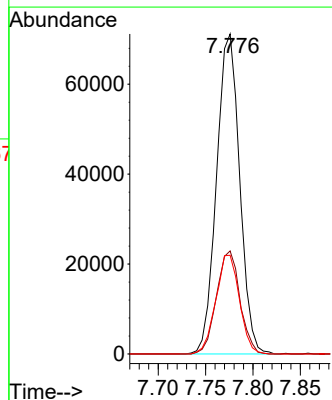
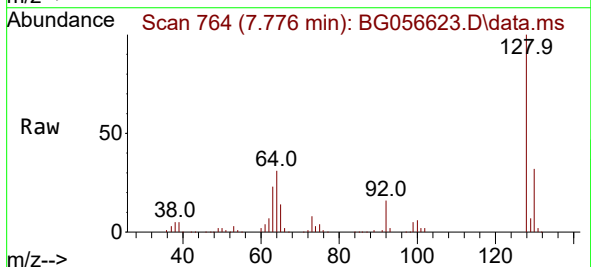
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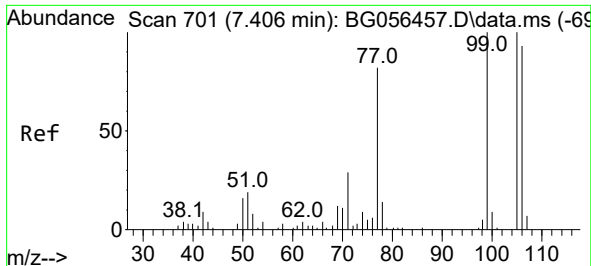
Tgt Ion: 99 Resp: 346665
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 29.8 23.4 35.0



#8
2-Chlorophenol
Concen: 50.315 ng
RT: 7.776 min Scan# 764
Delta R.T. 0.003 min
Lab File: BG056623.D
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Tgt Ion: 128 Resp: 120690
Ion Ratio Lower Upper
128 100
130 32.2 12.8 52.8
64 30.9 11.3 51.3

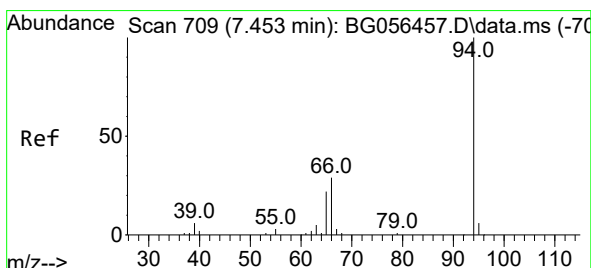
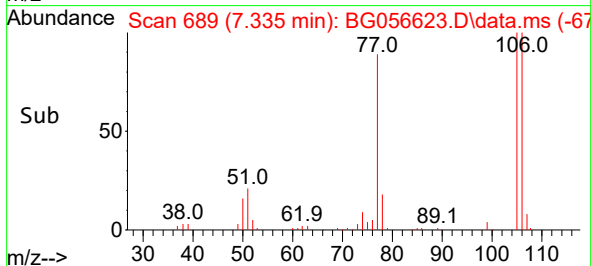
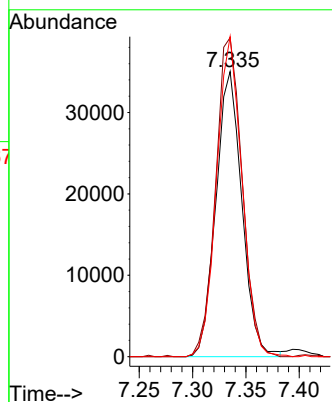
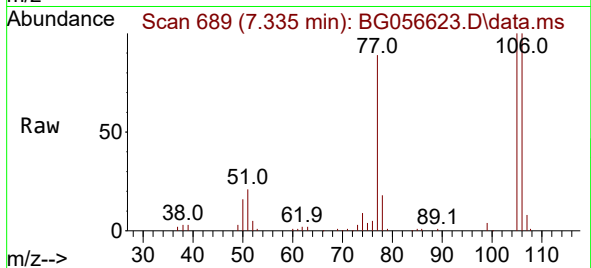




#9
Benzaldehyde
Concen: 40.195 ng
RT: 7.335 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

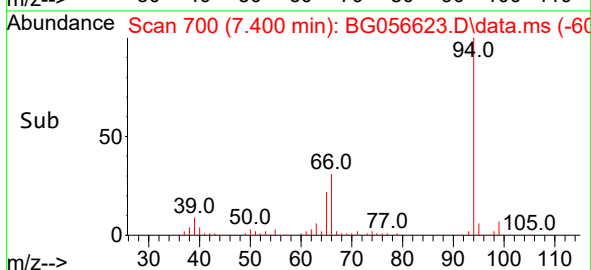
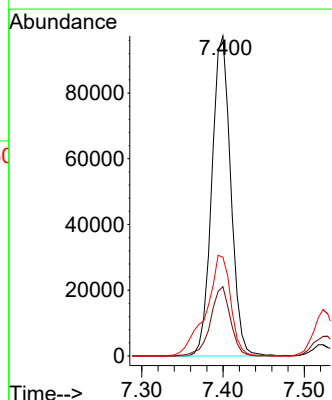
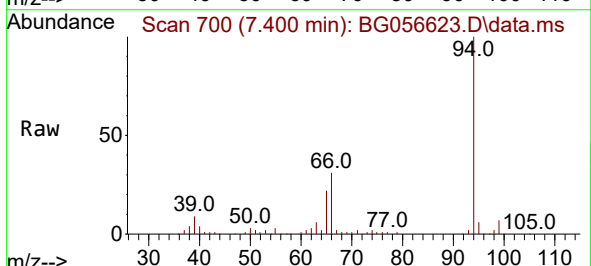
Instrument :
BNA_G
ClientSampleId :

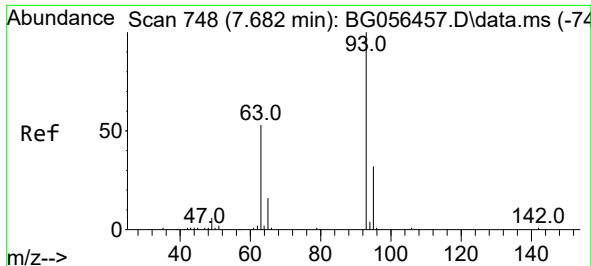
Tgt Ion: 77 Resp: 59313
Ion Ratio Lower Upper
77 100
105 111.9 101.8 141.8
106 112.2 93.0 133.0



#10
Phenol
Concen: 47.900 ng
RT: 7.400 min Scan# 700
Delta R.T. 0.009 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion: 94 Resp: 157503
Ion Ratio Lower Upper
94 100
65 21.7 2.3 42.3
66 30.8 11.2 51.2





#11

bis(2-Chloroethyl)ether

Concen: 44.926 ng

RT: 7.617 min Scan# 71

Delta R.T. 0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

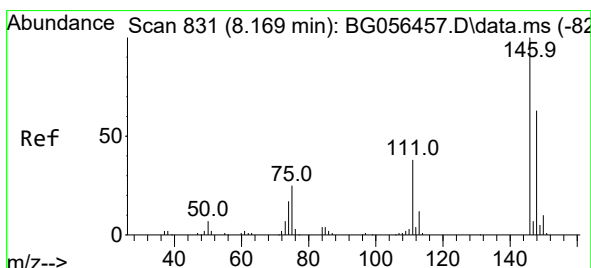
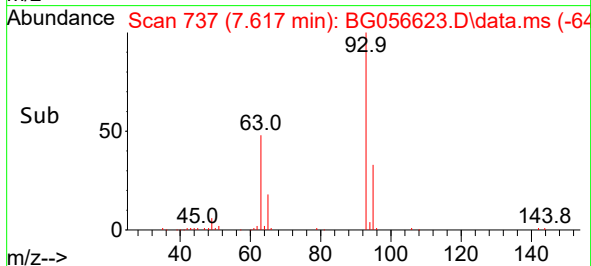
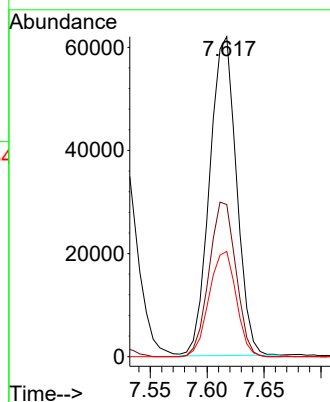
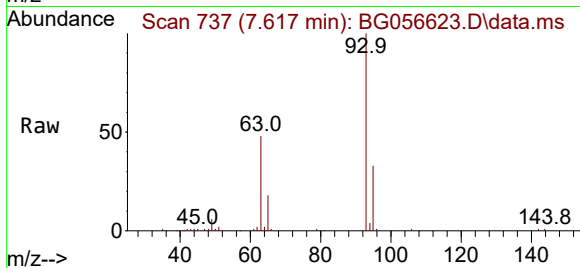
Tgt Ion: 93 Resp: 101539

Ion Ratio Lower Upper

93 100

63 47.6 32.4 72.4

95 32.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 50.372 ng

RT: 8.099 min Scan# 819

Delta R.T. 0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

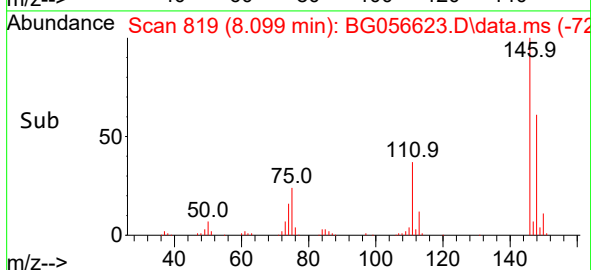
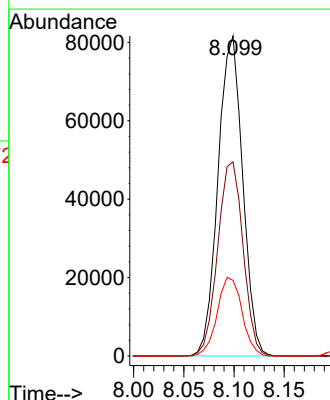
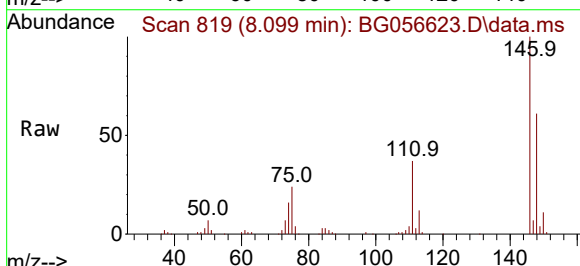
Tgt Ion:146 Resp: 139116

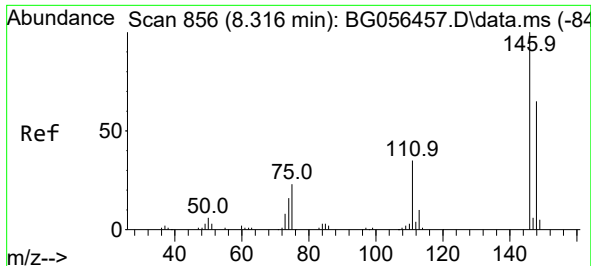
Ion Ratio Lower Upper

146 100

148 60.6 50.6 75.8

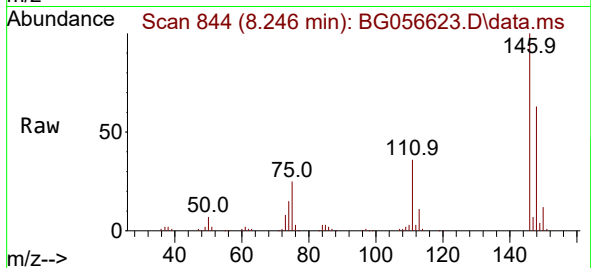
75 23.6 19.6 29.4



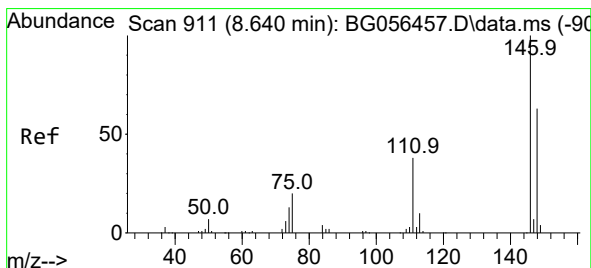
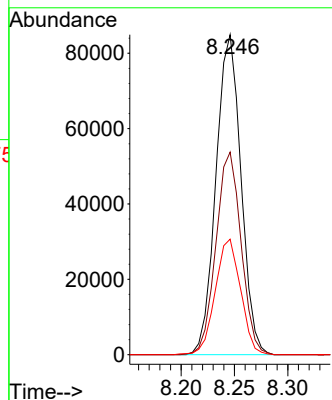
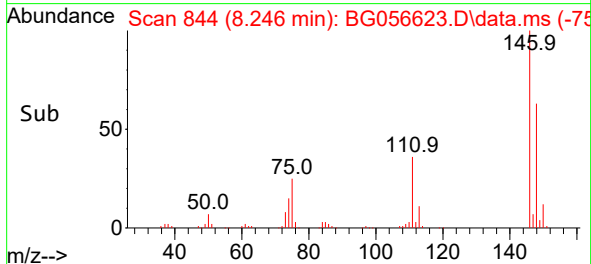


#13
1,4-Dichlorobenzene
Concen: 49.523 ng
RT: 8.246 min Scan# 84
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

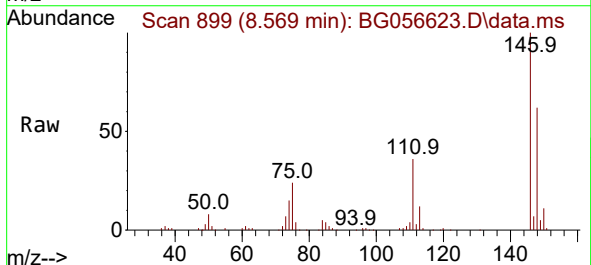
Instrument :
BNA_G
ClientSampleId :



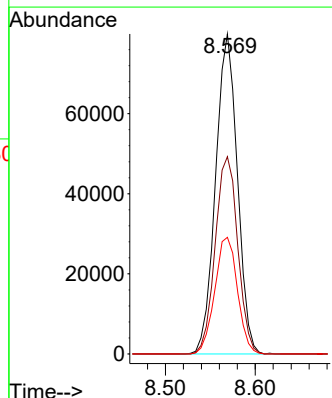
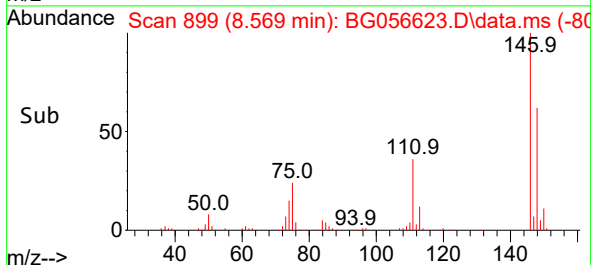
Tgt Ion:146 Resp: 138509
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.6
111 36.1 28.6 42.8

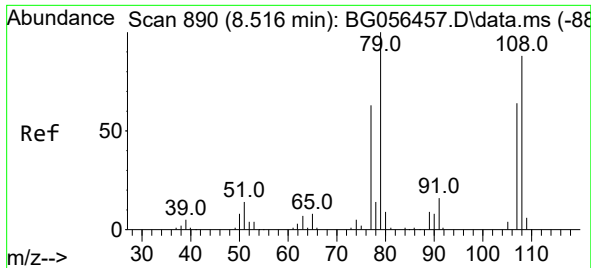


#14
1,2-Dichlorobenzene
Concen: 49.612 ng
RT: 8.569 min Scan# 899
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



Tgt Ion:146 Resp: 134628
Ion Ratio Lower Upper
146 100
148 61.7 50.1 75.1
111 36.5 30.9 46.3

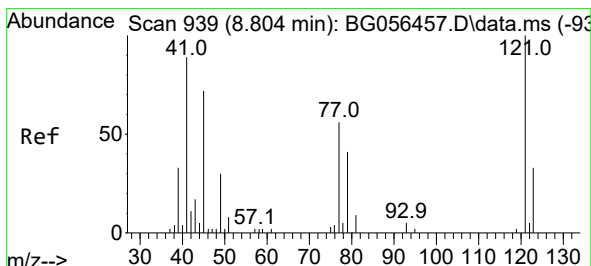
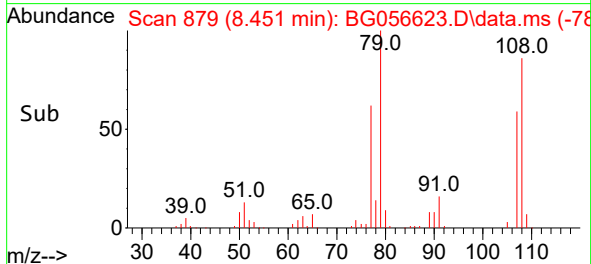
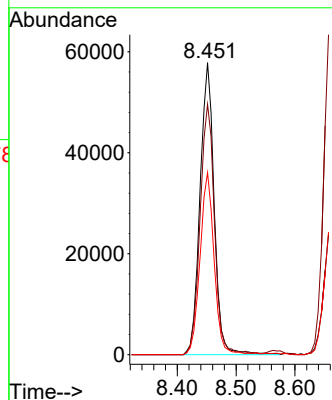
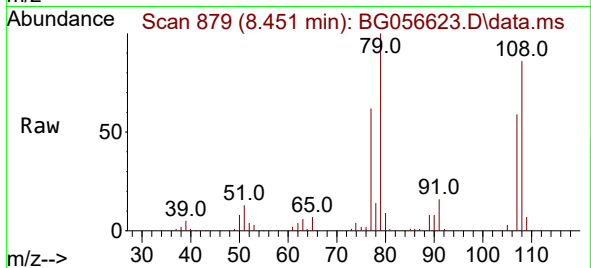




#15
Benzyl Alcohol
Concen: 43.478 ng
RT: 8.451 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

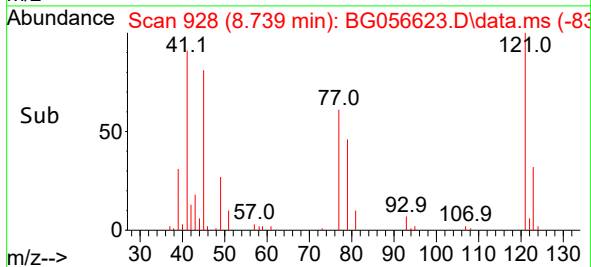
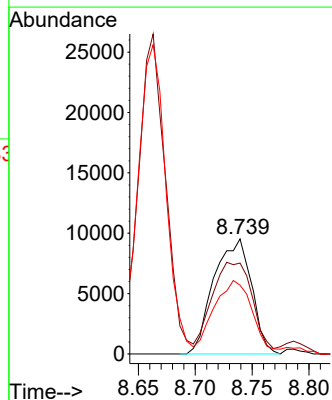
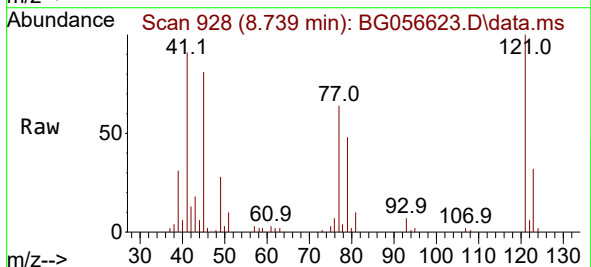
Instrument :
BNA_G
ClientSampleId :

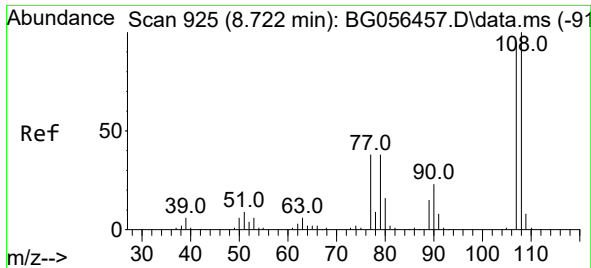
Tgt Ion: 79 Resp: 96508
Ion Ratio Lower Upper
79 100
108 85.7 70.1 105.1
77 62.4 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.694 ng
RT: 8.739 min Scan# 928
Delta R.T. 0.015 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

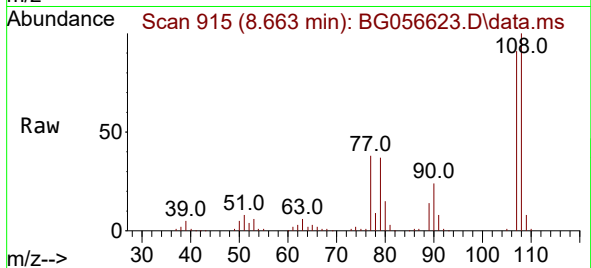
Tgt Ion: 45 Resp: 21882
Ion Ratio Lower Upper
45 100
77 79.0 62.1 102.1
79 59.8 42.7 82.7



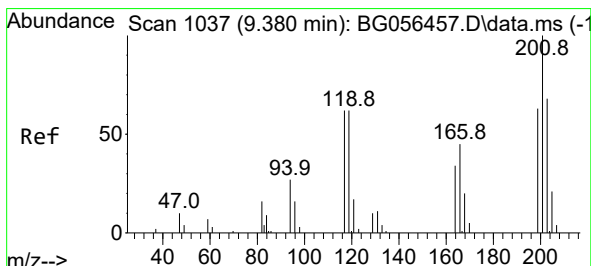
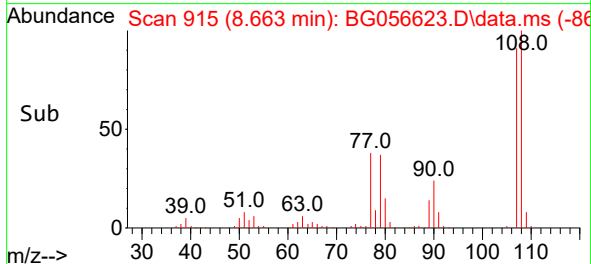
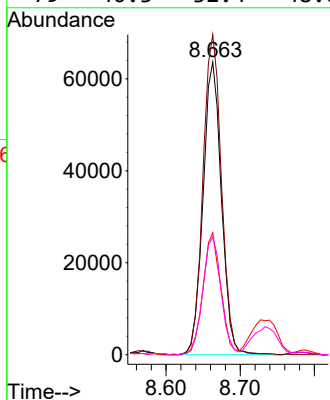


#17
2-Methylphenol
Concen: 43.795 ng
RT: 8.663 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :

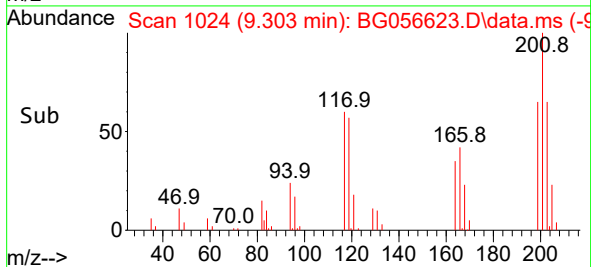
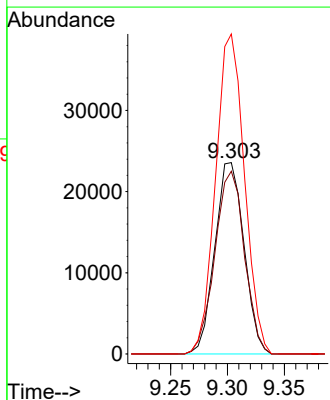
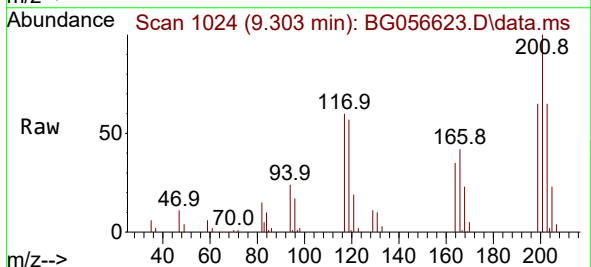


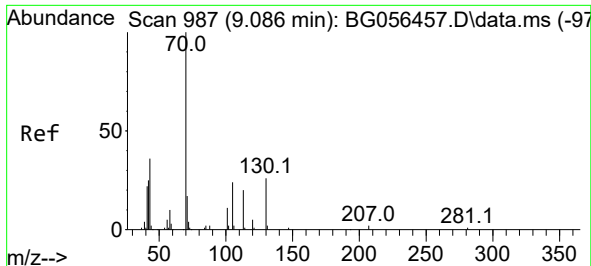
Tgt Ion:107 Resp: 109556
Ion Ratio Lower Upper
107 100
108 109.4 83.9 125.9
77 41.7 31.6 47.4
79 40.3 32.4 48.6



#18
Hexachloroethane
Concen: 49.666 ng
RT: 9.303 min Scan# 1024
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

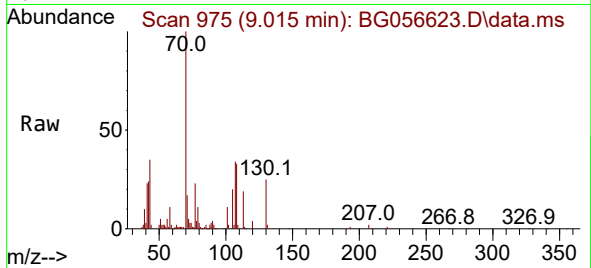
Tgt Ion:117 Resp: 42014
Ion Ratio Lower Upper
117 100
119 96.3 79.4 119.0
201 167.2 128.5 192.7





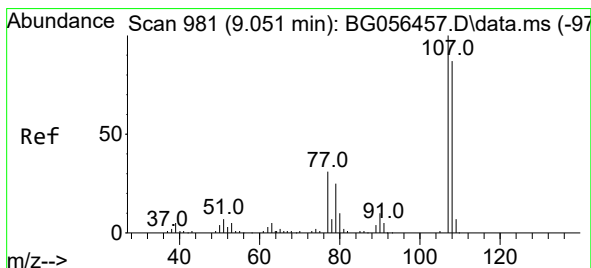
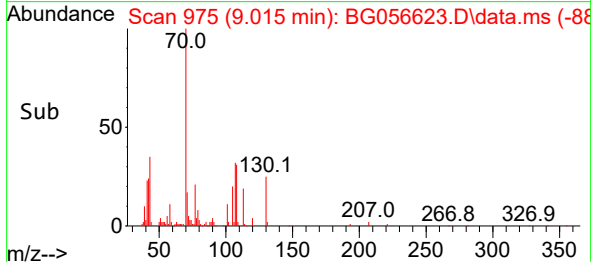
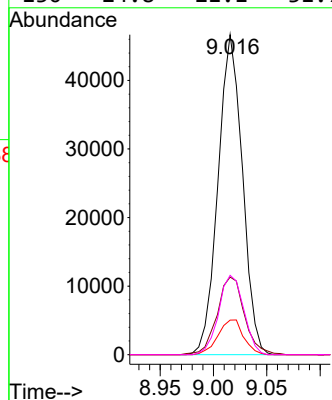
#19
n-Nitroso-di-n-propylamine
Concen: 39.759 ng
RT: 9.015 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 70 Resp: 74127

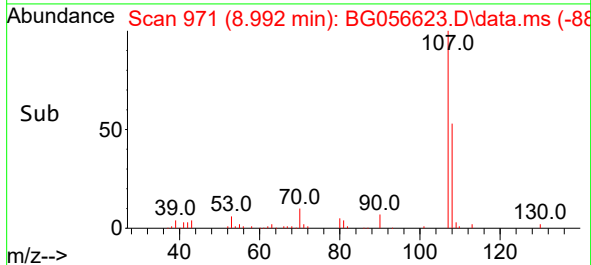
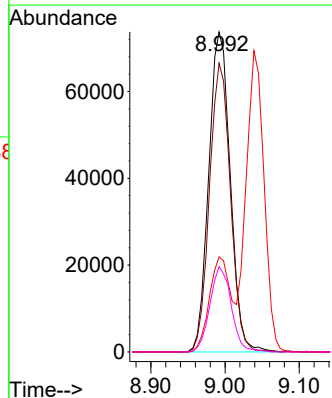
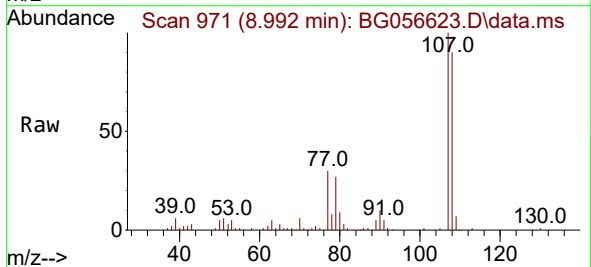
Ion	Ratio	Lower	Upper
70	100		
42	24.3	20.2	30.4
101	10.8	9.1	13.7
130	24.8	21.1	31.7

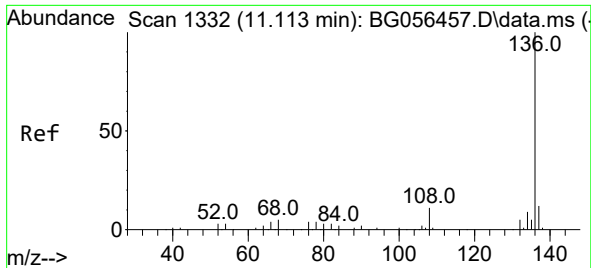


#20
3+4-Methylphenols
Concen: 42.293 ng
RT: 8.992 min Scan# 971
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion: 107 Resp: 148266

Ion	Ratio	Lower	Upper
107	100		
108	90.2	66.7	106.7
77	29.7	10.6	50.6
79	26.7	4.9	44.9

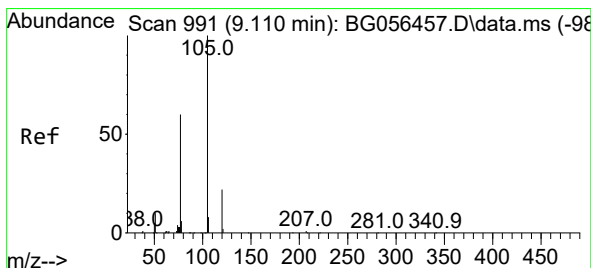
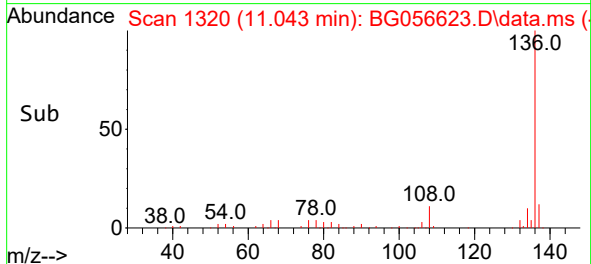
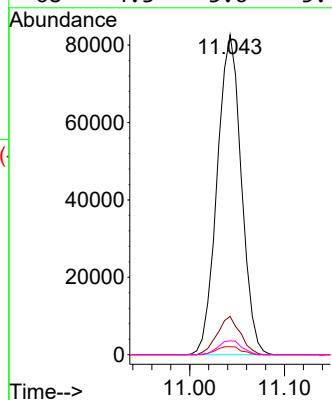
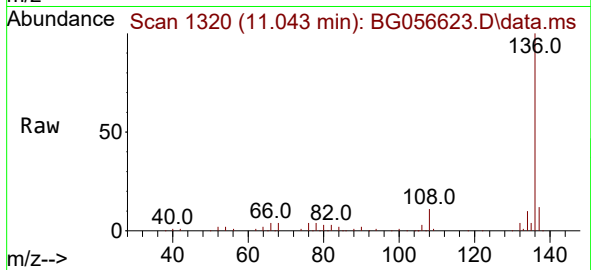




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

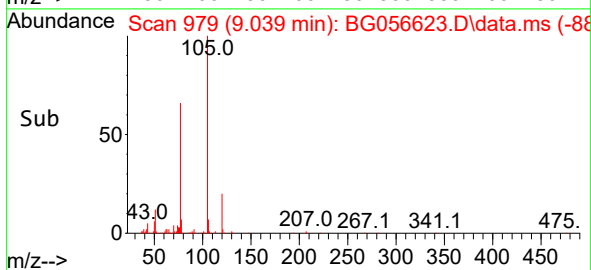
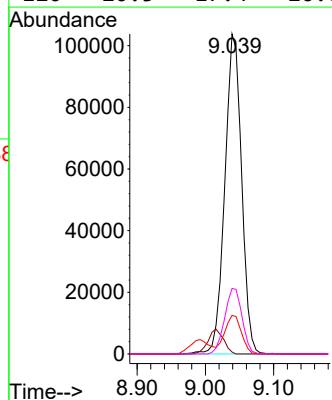
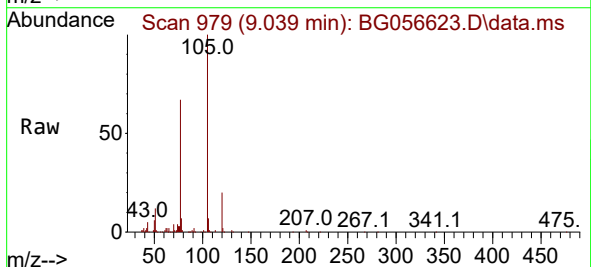
Instrument :
BNA_G
ClientSampleId :

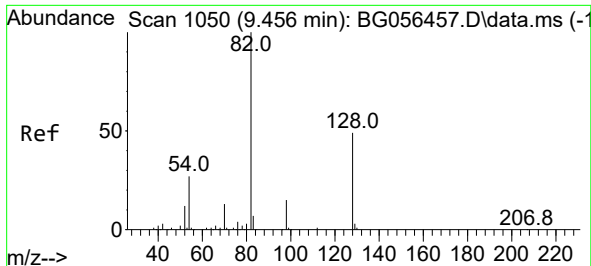
Tgt Ion	136	Resp:	146415
	Ratio	Lower	Upper
136	100		
137	12.0	9.4	14.0
54	2.5	2.2	3.4
68	4.3	3.6	5.4



#22
Acetophenone
Concen: 45.627 ng
RT: 9.039 min Scan# 979
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt	Ion:105	Resp:	177501
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	0.8
51	12.1	9.2	13.8
120	20.5	17.4	26.0

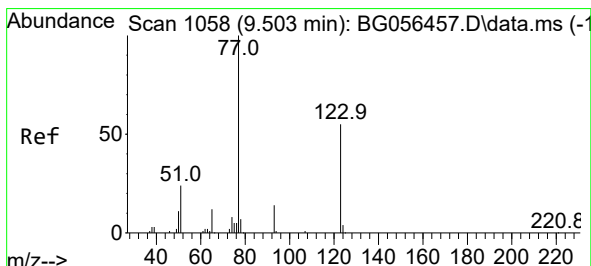
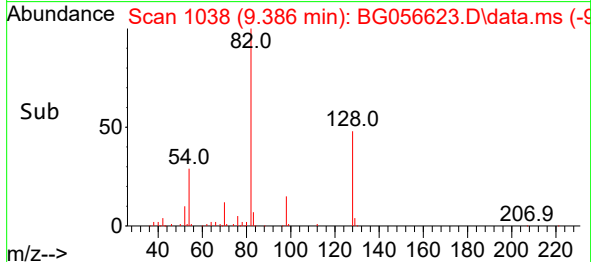
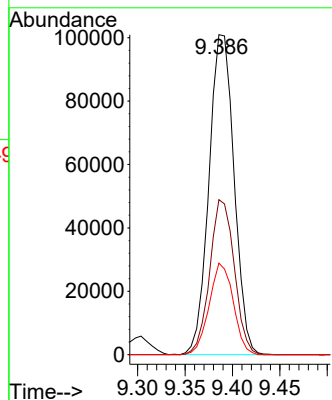
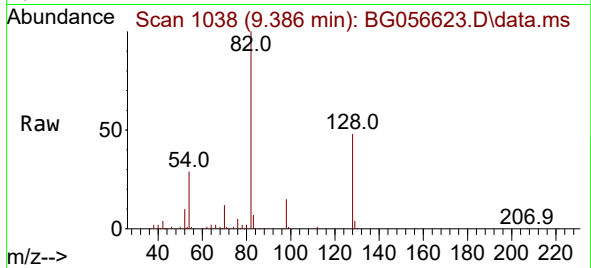




#23
Nitrobenzene-d5
Concen: 72.165 ng
RT: 9.386 min Scan# 1038
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

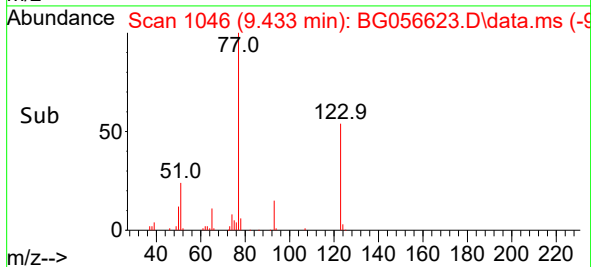
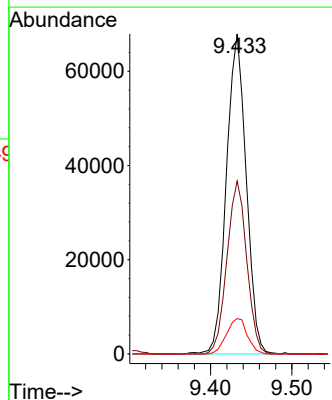
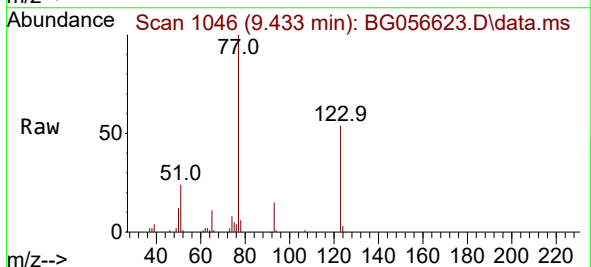
Instrument :
BNA_G
ClientSampleId :

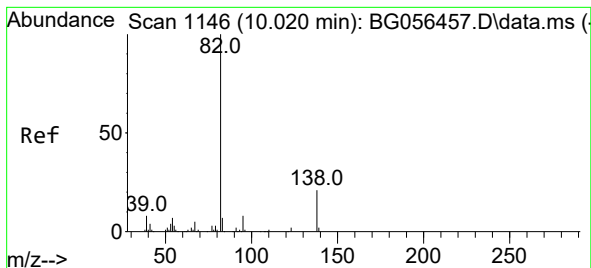
Tgt Ion: 82 Resp: 186070
Ion Ratio Lower Upper
82 100
128 48.5 39.4 59.2
54 28.6 21.4 32.2



#24
Nitrobenzene
Concen: 46.222 ng
RT: 9.433 min Scan# 1046
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion: 77 Resp: 114957
Ion Ratio Lower Upper
77 100
123 54.0 44.0 66.0
65 11.0 9.7 14.5





#25

Isophorone

Concen: 41.583 ng

RT: 9.950 min Scan# 1146

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

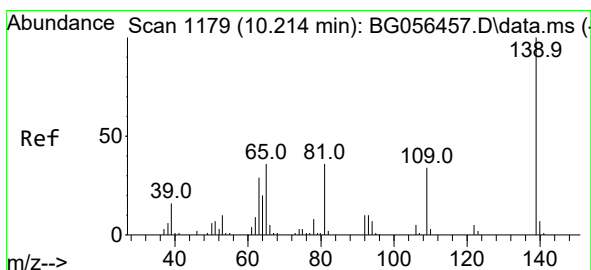
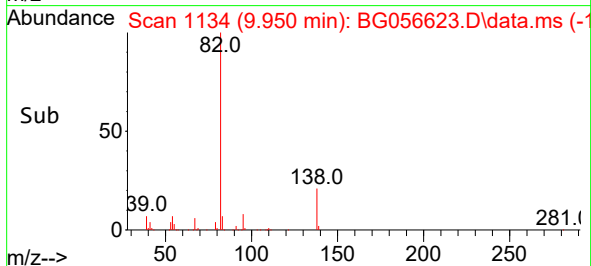
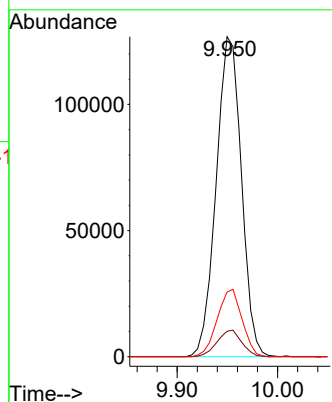
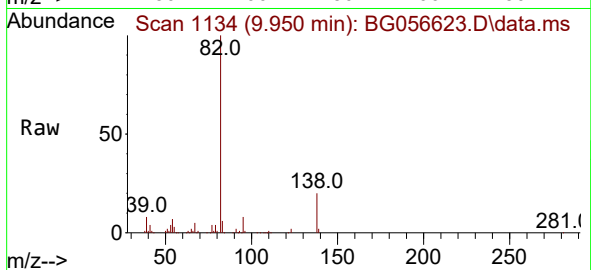
Tgt Ion: 82 Resp: 221191

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

138 20.2 16.6 25.0



#26

2-Nitrophenol

Concen: 48.488 ng

RT: 10.149 min Scan# 1168

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

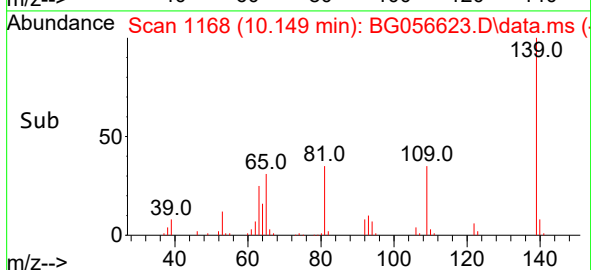
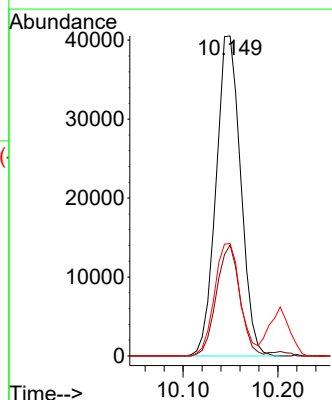
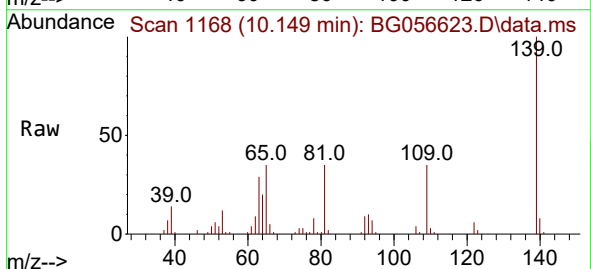
Tgt Ion: 139 Resp: 73168

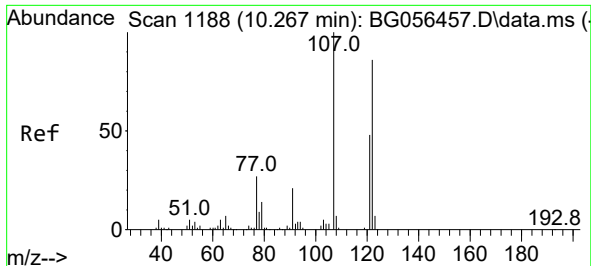
Ion Ratio Lower Upper

139 100

109 34.7 26.9 40.3

65 35.2 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 48.181 ng

RT: 10.202 min Scan# 1188

Delta R.T. 0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

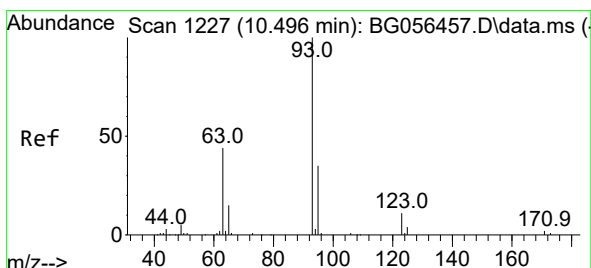
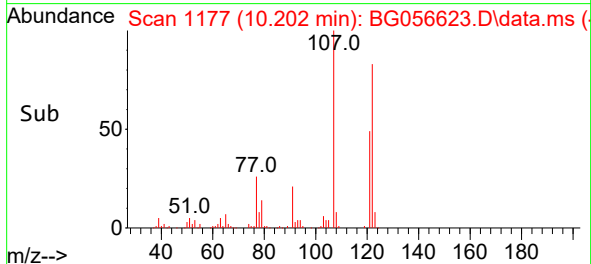
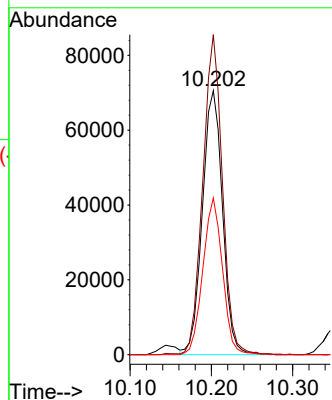
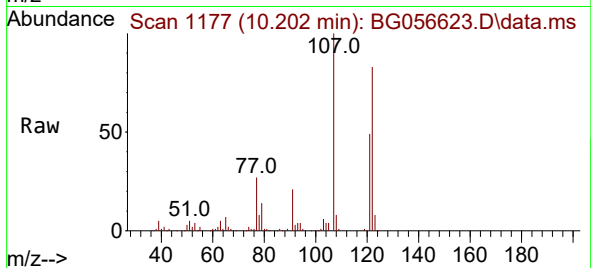
Tgt Ion:122 Resp: 121676

Ion Ratio Lower Upper

122 100

107 121.2 92.9 139.3

121 59.3 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.477 ng

RT: 10.426 min Scan# 1215

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

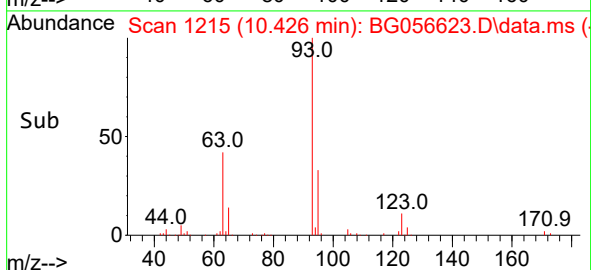
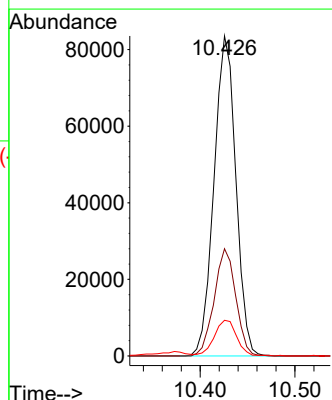
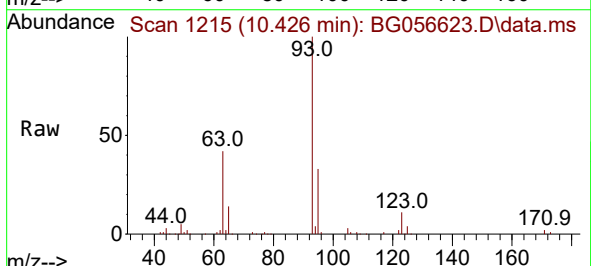
Tgt Ion: 93 Resp: 133638

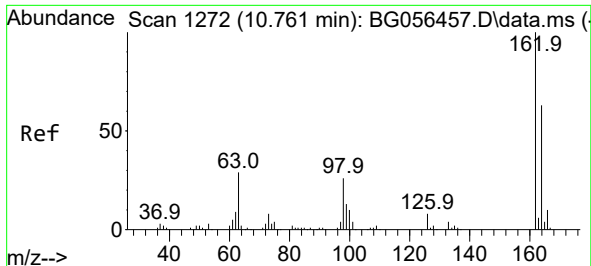
Ion Ratio Lower Upper

93 100

95 33.5 27.9 41.9

123 11.2 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 49.380 ng

RT: 10.696 min Scan# 1261

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

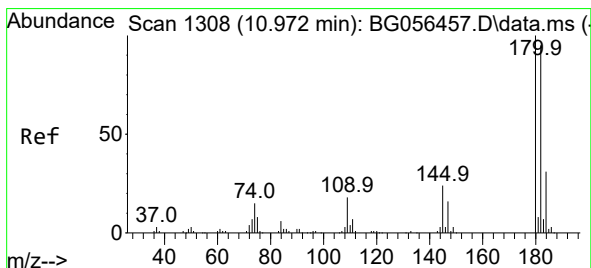
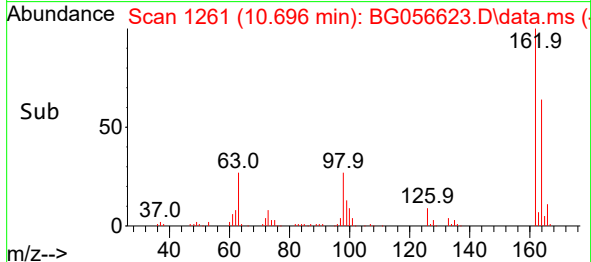
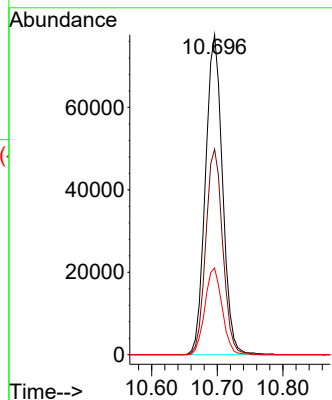
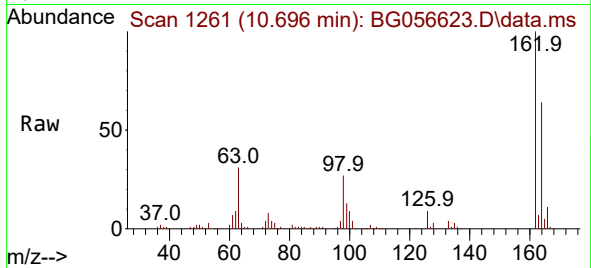
Tgt Ion:162 Resp: 140370

Ion Ratio Lower Upper

162 100

164 64.2 42.8 82.8

98 27.1 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 50.384 ng

RT: 10.902 min Scan# 1296

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

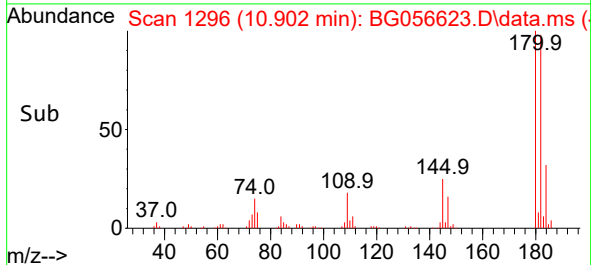
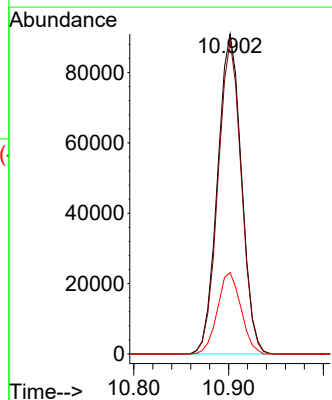
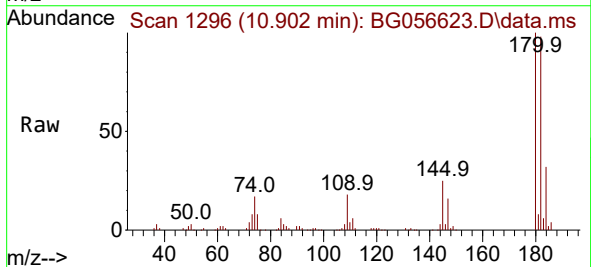
Tgt Ion:180 Resp: 159158

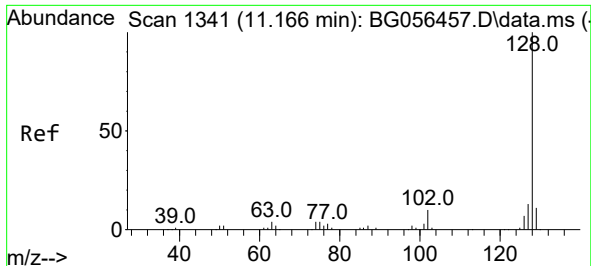
Ion Ratio Lower Upper

180 100

182 97.9 75.9 113.9

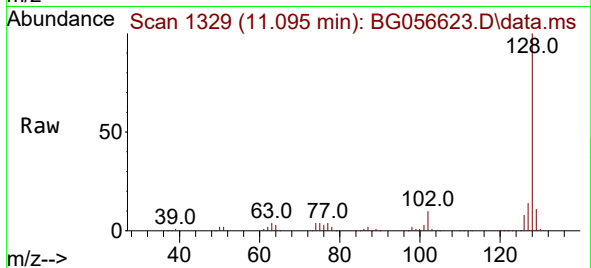
145 25.5 19.4 29.0



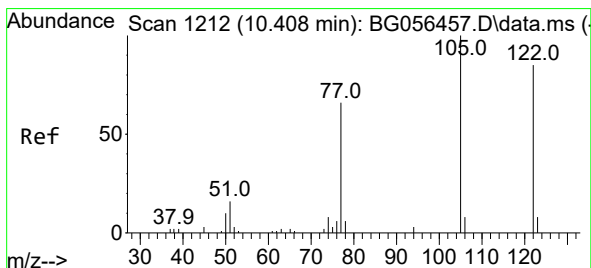
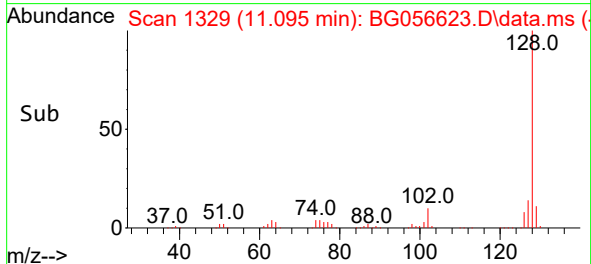
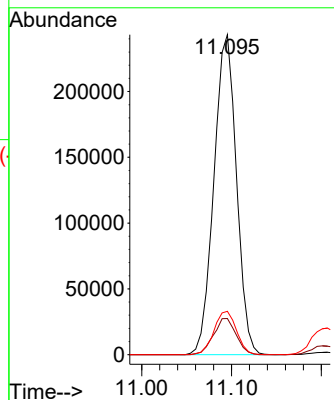


#31
Naphthalene
Concen: 54.781 ng
RT: 11.095 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :

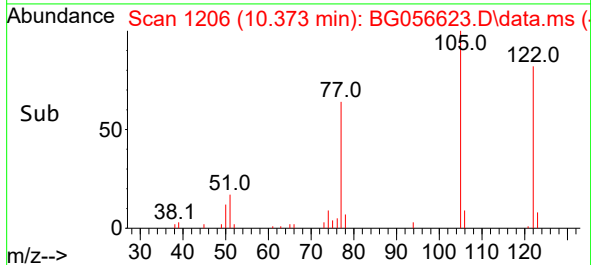
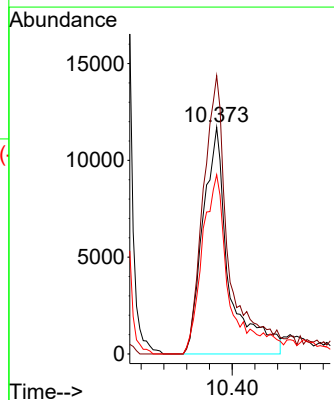
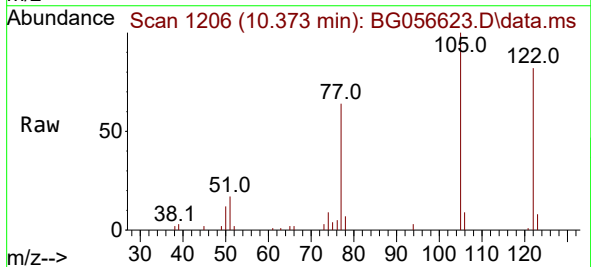


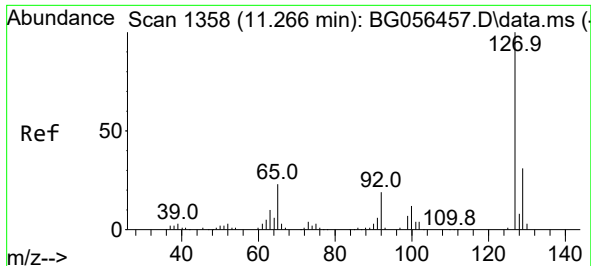
Tgt Ion:128 Resp: 423344
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.4 15.6



#32
Benzoic acid
Concen: 26.297 ng
RT: 10.373 min Scan# 1206
Delta R.T. 0.009 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:122 Resp: 37155
Ion Ratio Lower Upper
122 100
105 122.7 96.5 136.5
77 79.0 57.3 97.3

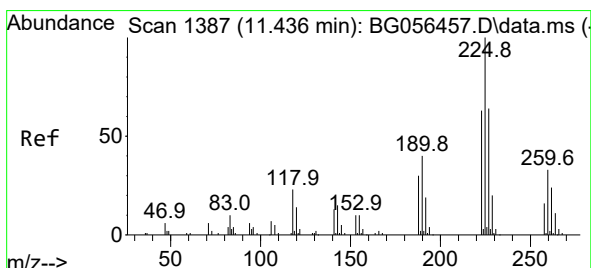
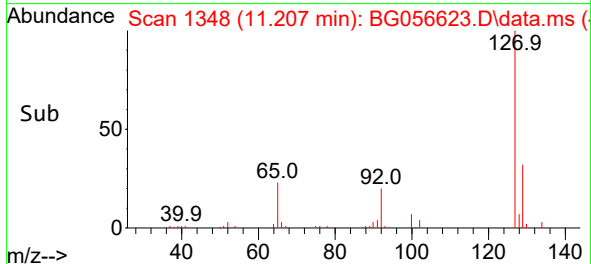
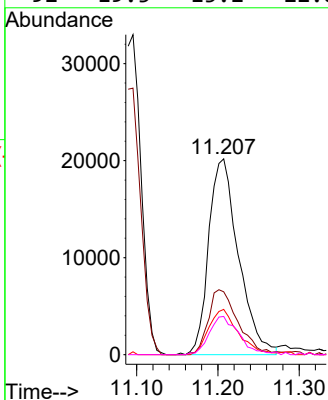
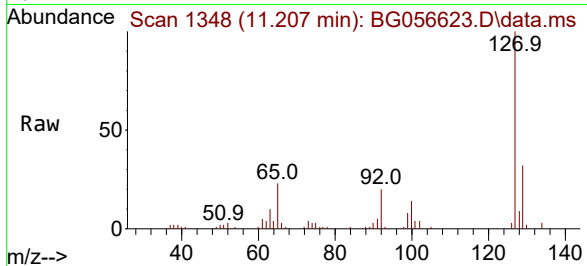




#33
4-Chloroaniline
Concen: 14.288 ng
RT: 11.207 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

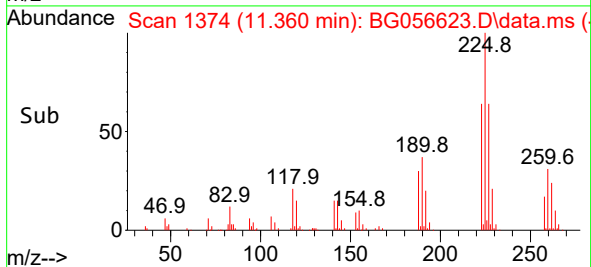
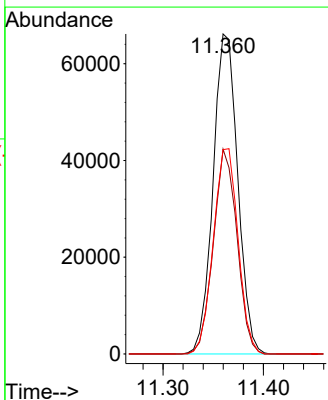
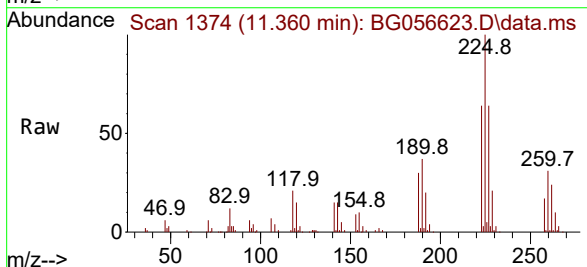
Instrument :
BNA_G
ClientSampleId :

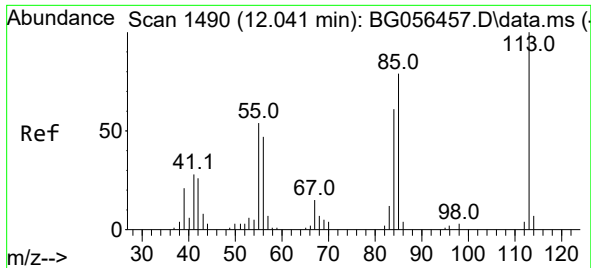
Tgt Ion:	127	Resp:	51542
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.0	37.6
65	23.1	18.5	27.7
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 50.944 ng
RT: 11.360 min Scan# 1374
Delta R.T. -0.008 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:	225	Resp:	112961
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	75.8
227	66.9	53.7	80.5

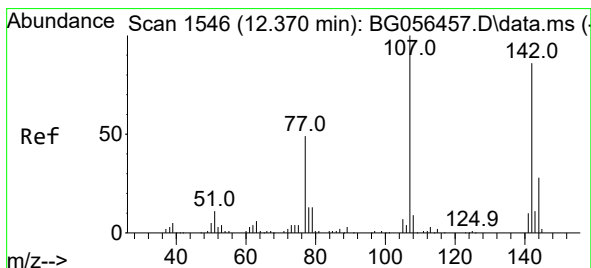
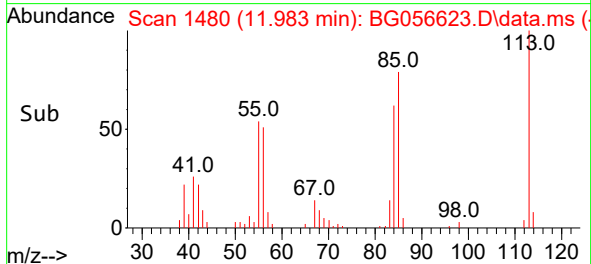
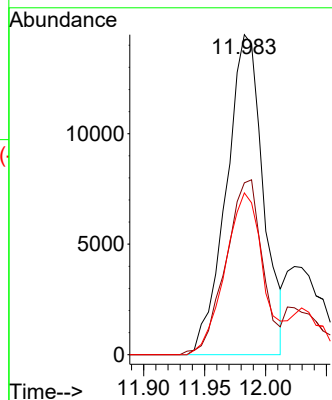
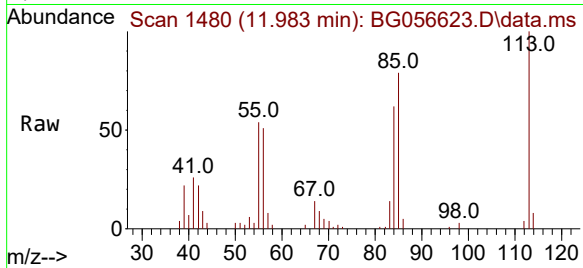




#35
Caprolactam
Concen: 31.794 ng
RT: 11.983 min Scan# 14
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

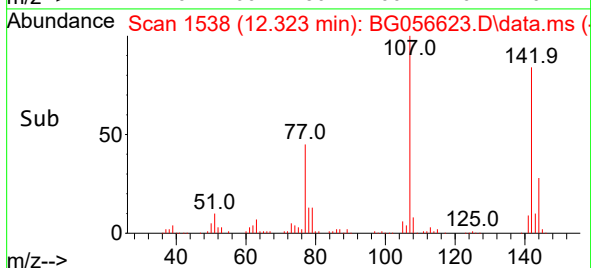
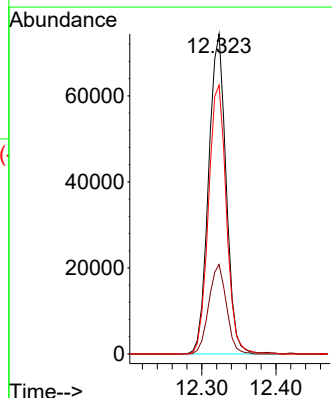
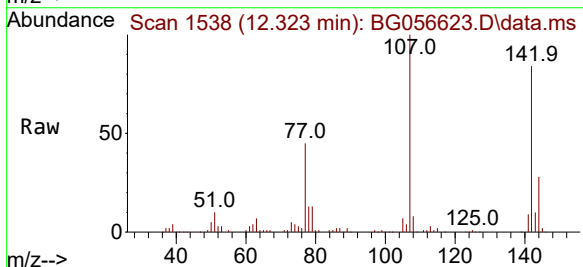
Instrument :
BNA_G
ClientSampleId :

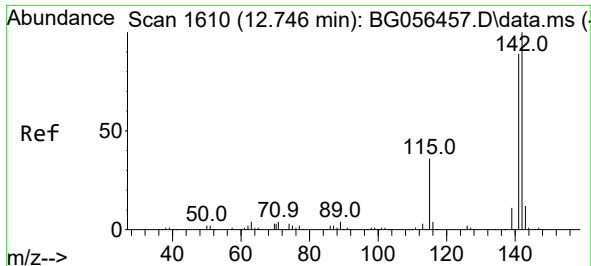
Tgt Ion:113 Resp: 30481
Ion Ratio Lower Upper
113 100
55 53.7 33.7 73.7
56 50.6 27.1 67.1



#36
4-Chloro-3-methylphenol
Concen: 44.567 ng
RT: 12.323 min Scan# 1538
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:107 Resp: 122347
Ion Ratio Lower Upper
107 100
144 27.9 22.3 33.5
142 84.0 68.9 103.3





#37

2-Methylnaphthalene

Concen: 46.626 ng

RT: 12.682 min Scan# 1

Delta R.T. -0.003 min

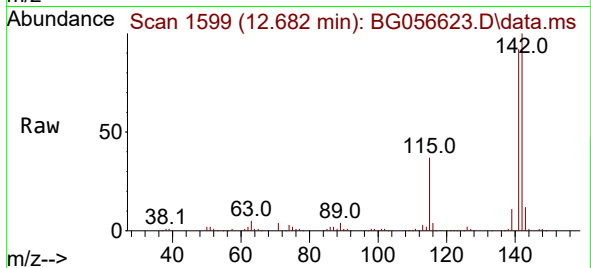
Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :



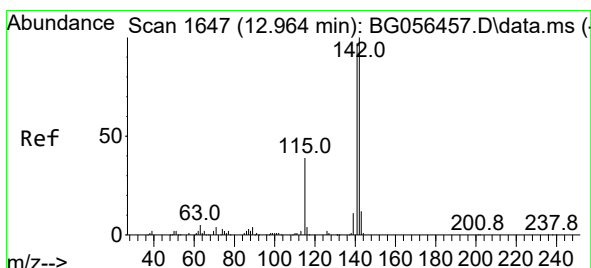
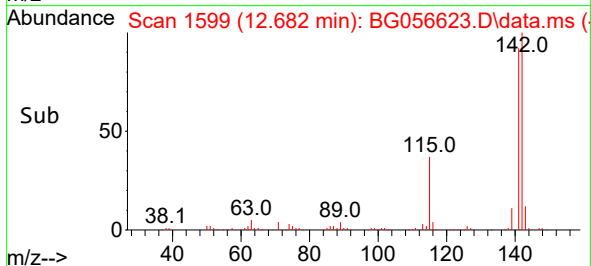
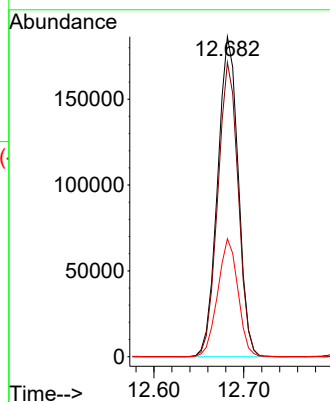
Tgt Ion:142 Resp: 297054

Ion Ratio Lower Upper

142 100

141 91.9 71.4 107.0

115 36.8 28.4 42.6



#38

1-Methylnaphthalene

Concen: 45.195 ng

RT: 12.899 min Scan# 1636

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

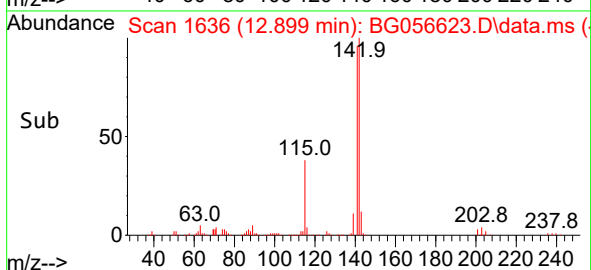
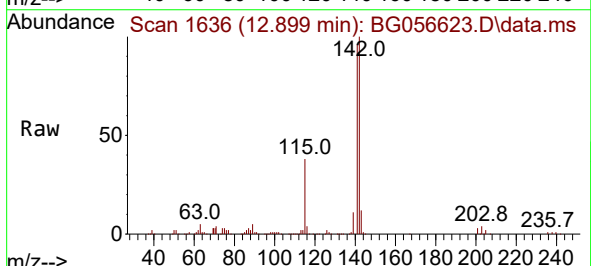
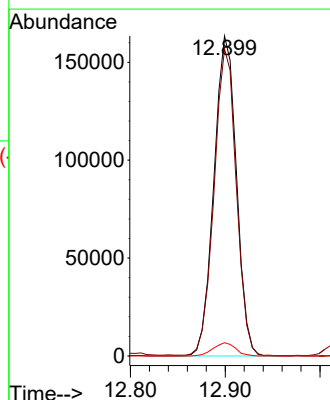
Tgt Ion:142 Resp: 268915

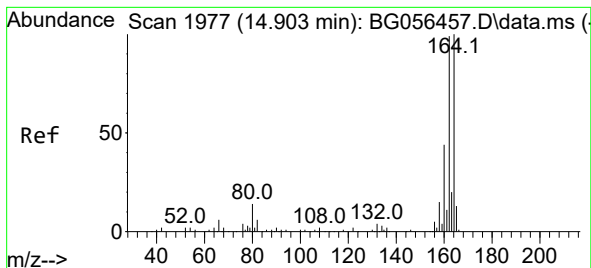
Ion Ratio Lower Upper

142 100

141 95.9 77.7 116.5

116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.838 min Scan# 1977

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

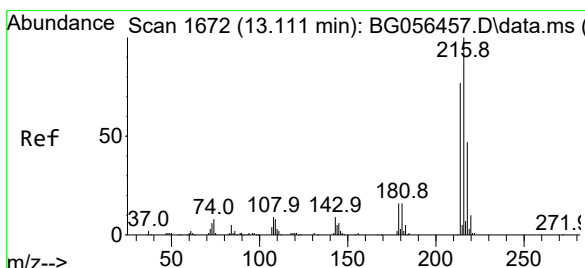
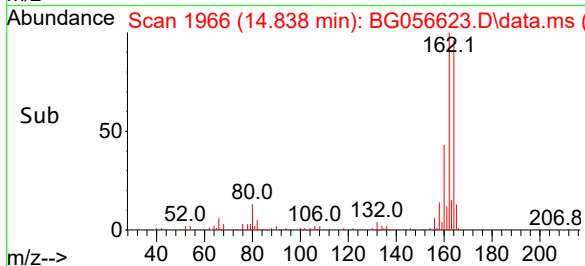
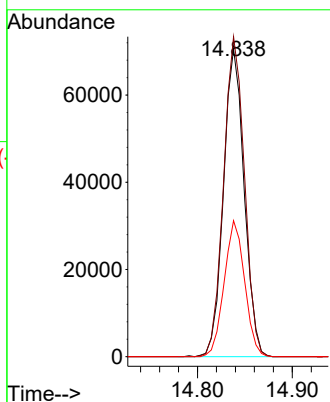
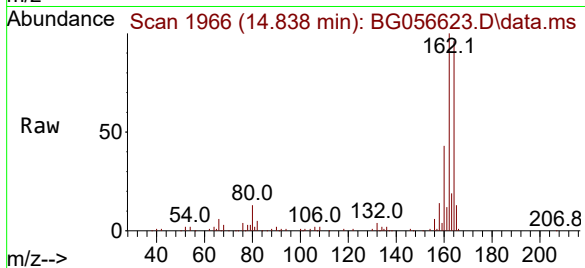
Tgt Ion:164 Resp: 107092

Ion Ratio Lower Upper

164 100

162 104.0 79.6 119.4

160 44.2 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.430 ng

RT: 13.046 min Scan# 1661

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Tgt Ion:216 Resp: 209043

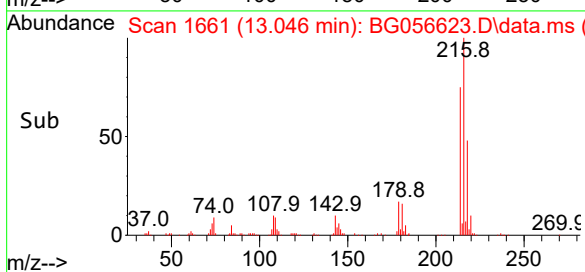
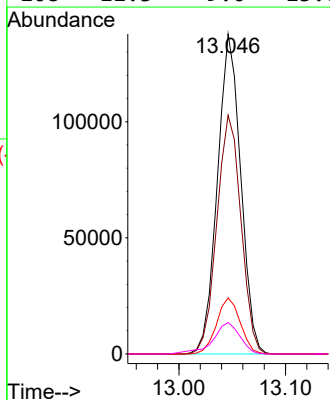
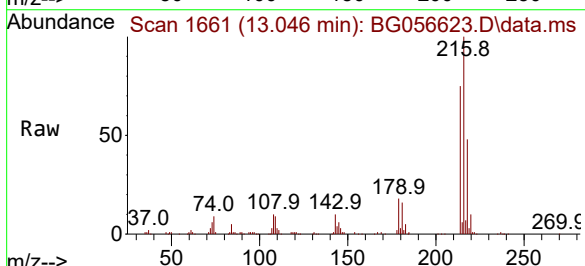
Ion Ratio Lower Upper

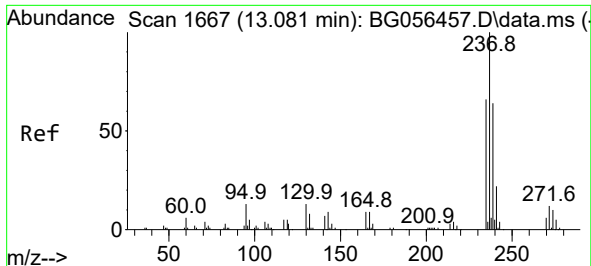
216 100

214 77.1 63.0 94.6

179 17.8 14.1 21.1

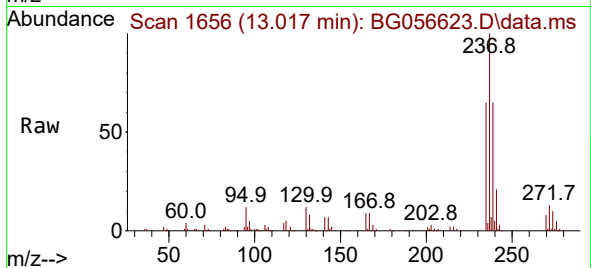
108 11.3 9.0 13.6



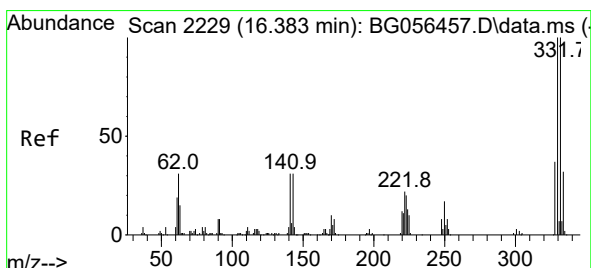
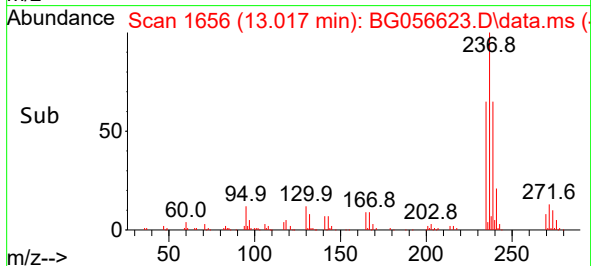
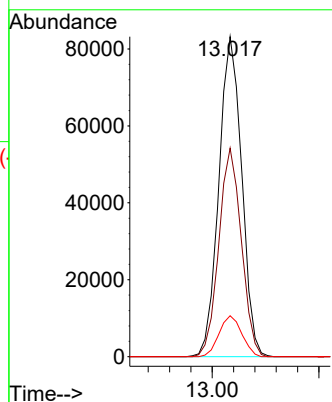


#41
Hexachlorocyclopentadiene
Concen: 61.178 ng
RT: 13.017 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :

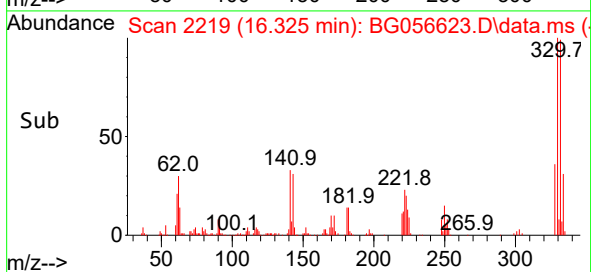
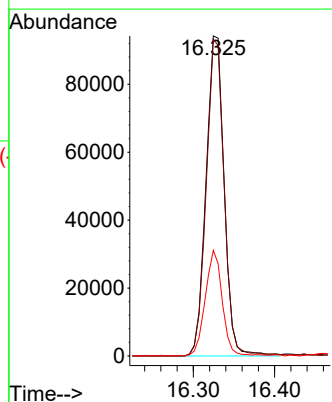
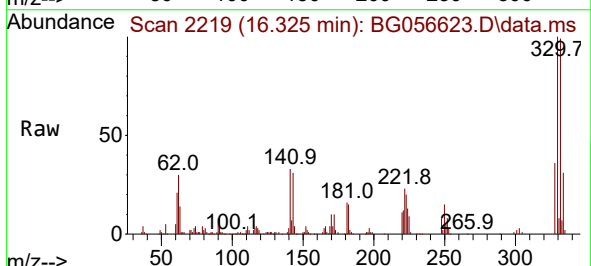


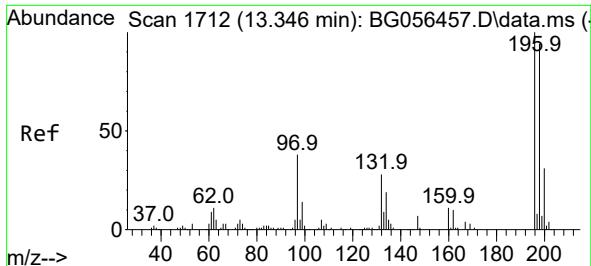
Tgt Ion:237 Resp: 123505
Ion Ratio Lower Upper
237 100
235 65.1 45.6 85.6
272 12.8 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 102.557 ng
RT: 16.325 min Scan# 2219
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:330 Resp: 146013
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.6
141 31.1 24.2 36.4

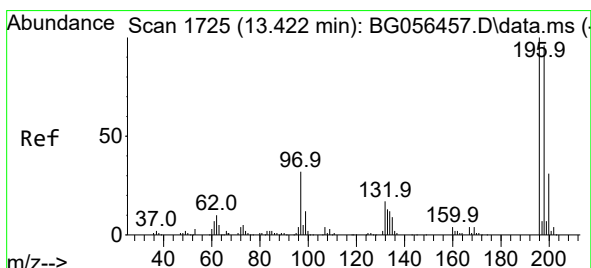
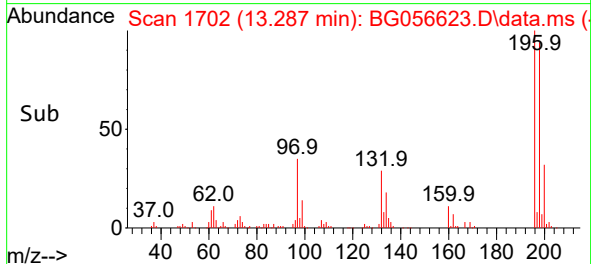
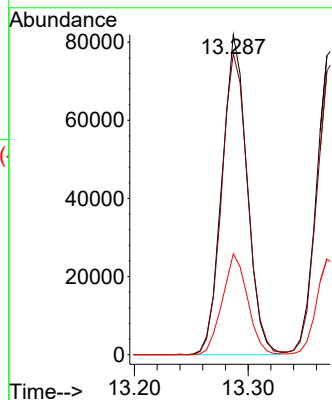
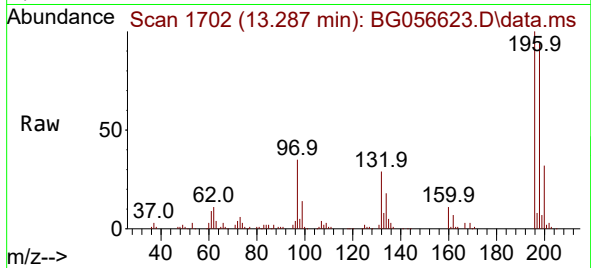




#43
 2,4,6-Trichlorophenol
 Concen: 49.779 ng
 RT: 13.287 min Scan# 1710
 Delta R.T. -0.003 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

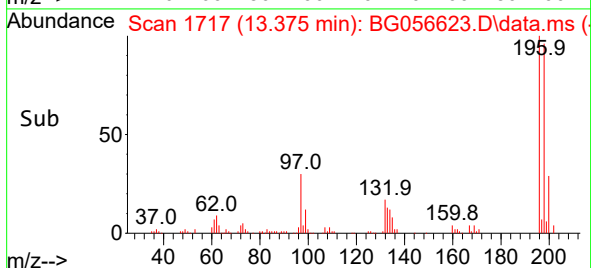
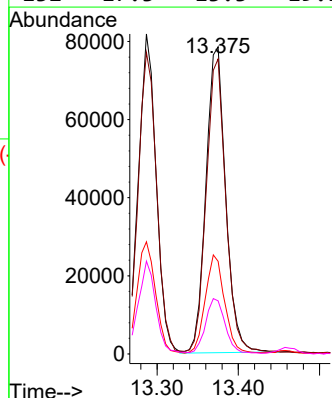
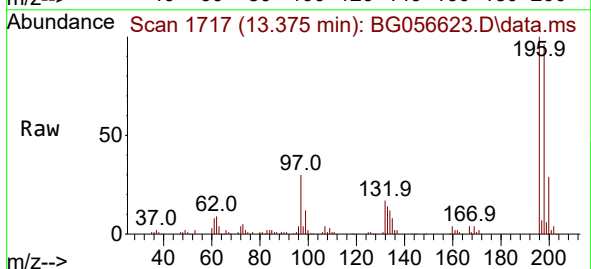
Instrument :
 BNA_G
 ClientSampleId :

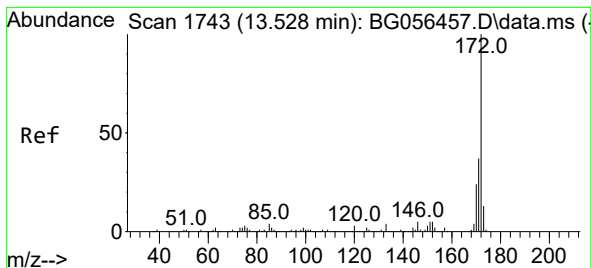
Tgt Ion:196 Resp: 125505
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.4 113.0
 200 31.5 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.779 ng
 RT: 13.375 min Scan# 1717
 Delta R.T. 0.003 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

Tgt Ion:196 Resp: 132186
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.9 115.3
 97 30.2 25.8 38.6
 132 17.3 13.3 19.9





#45

2-Fluorobiphenyl

Concen: 72.902 ng

RT: 13.463 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

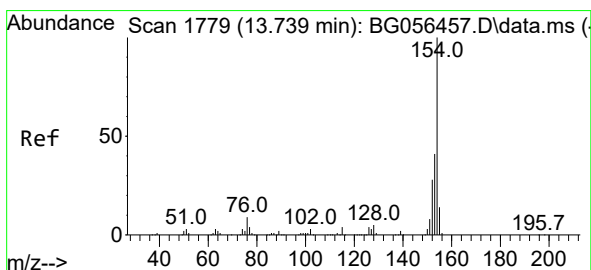
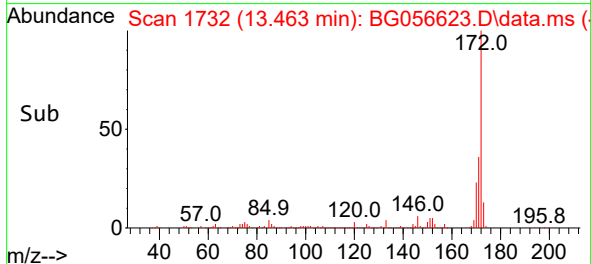
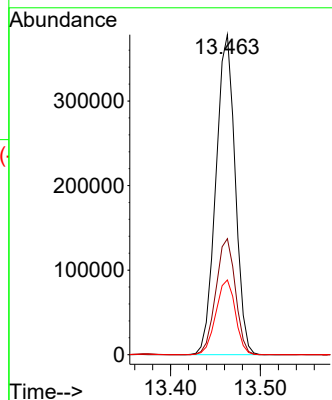
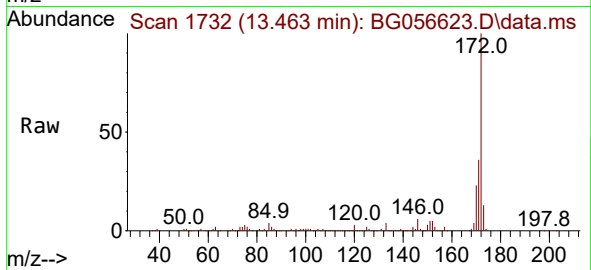
Tgt Ion:172 Resp: 563122

Ion Ratio Lower Upper

172 100

171 36.2 29.5 44.3

170 23.4 19.2 28.8



#46

1,1'-Biphenyl

Concen: 50.976 ng

RT: 13.675 min Scan# 1768

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

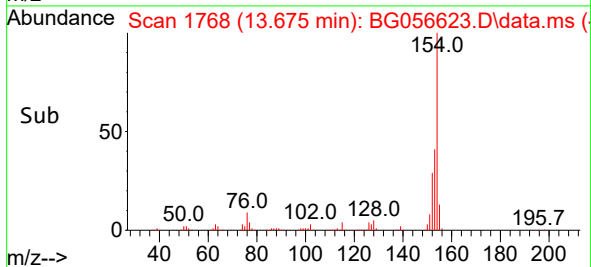
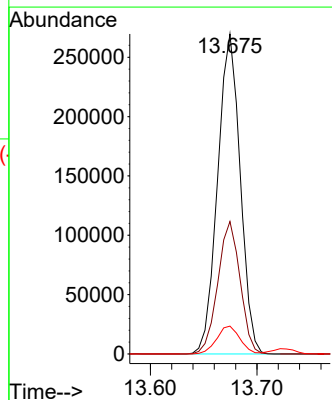
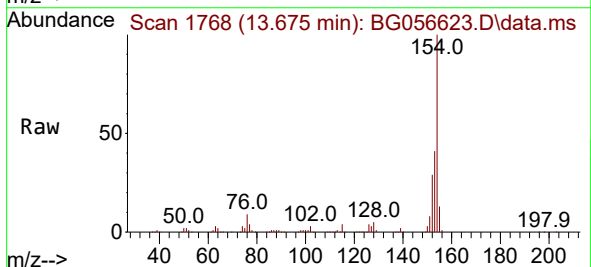
Tgt Ion:154 Resp: 395960

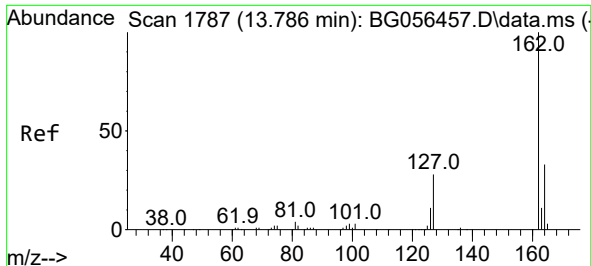
Ion Ratio Lower Upper

154 100

153 41.4 21.5 61.5

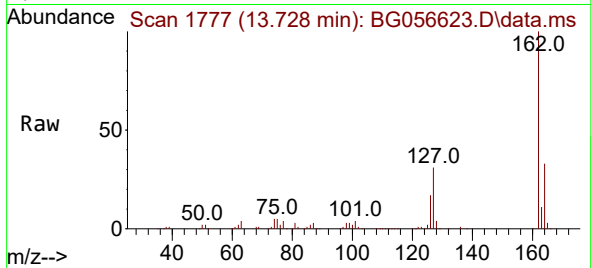
76 8.7 0.0 28.8



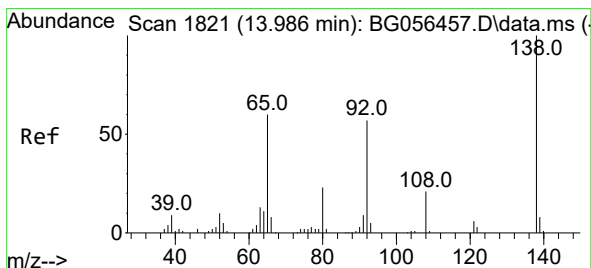
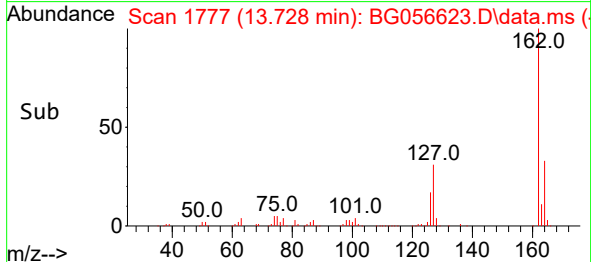
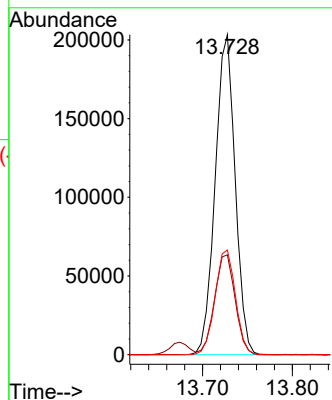


#47
2-Chloronaphthalene
Concen: 51.685 ng
RT: 13.728 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :

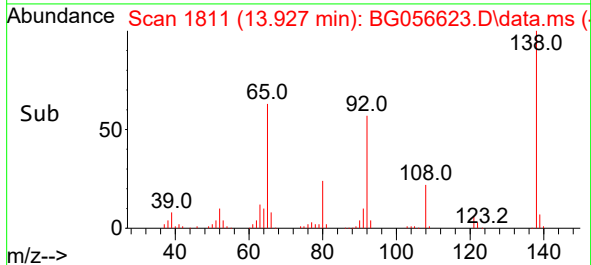
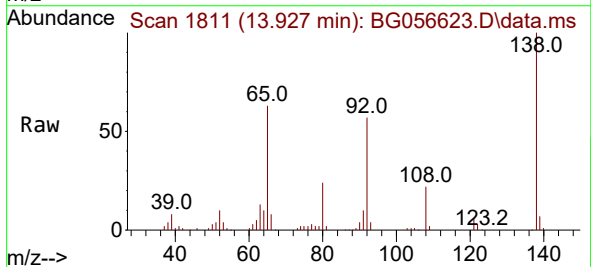
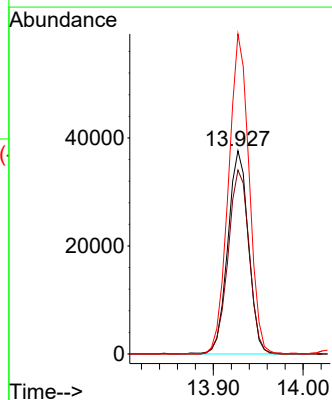


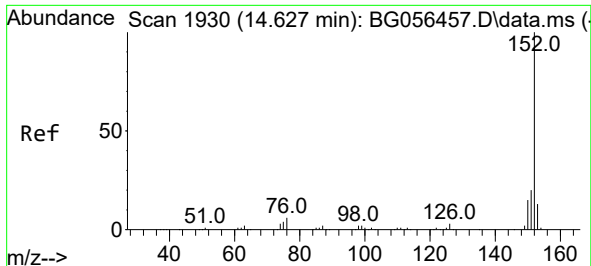
Tgt Ion:162 Resp: 313801
Ion Ratio Lower Upper
162 100
127 31.2 25.2 37.8
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 47.613 ng
RT: 13.927 min Scan# 1811
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

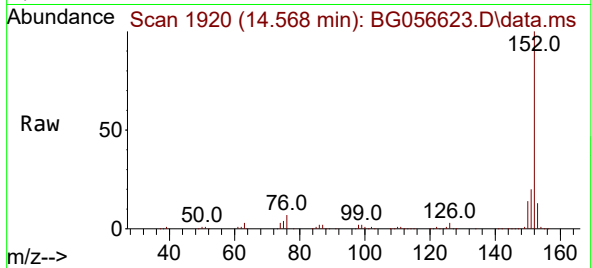
Tgt Ion: 65 Resp: 59760
Ion Ratio Lower Upper
65 100
92 90.5 75.8 113.6
138 157.5 133.2 199.8



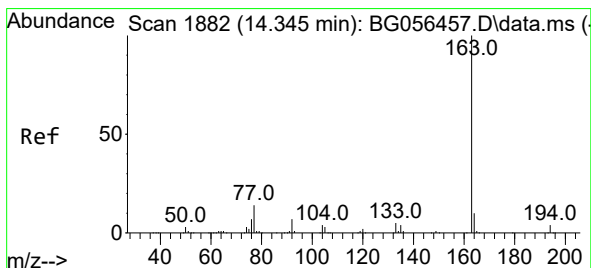
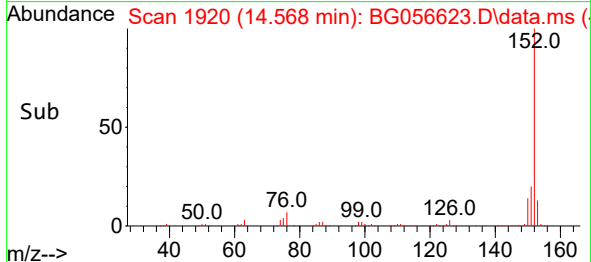
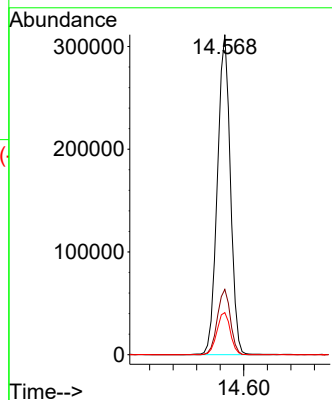


#49
Acenaphthylene
Concen: 48.270 ng
RT: 14.568 min Scan# 1930
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :

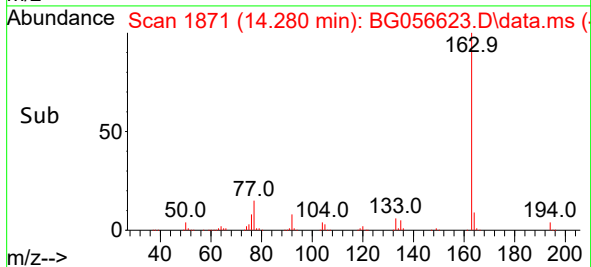
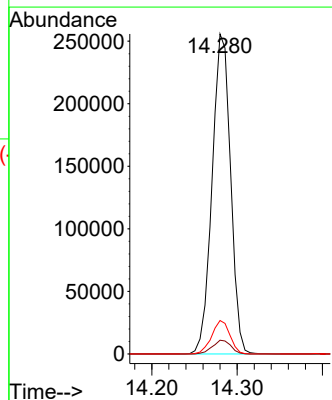
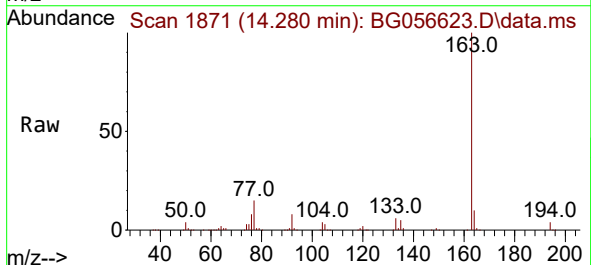


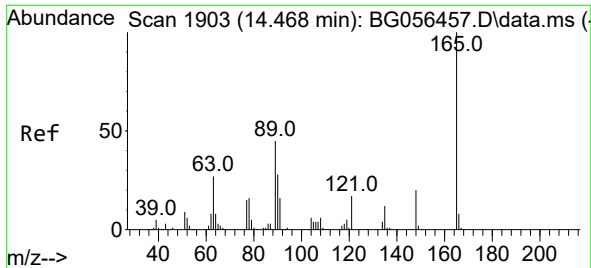
Tgt Ion:152 Resp: 476815
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 44.373 ng
RT: 14.280 min Scan# 1871
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:163 Resp: 384447
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.4 8.1 12.1

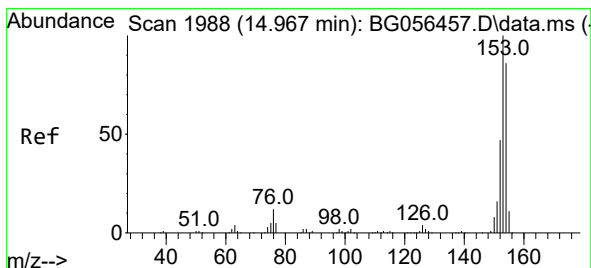
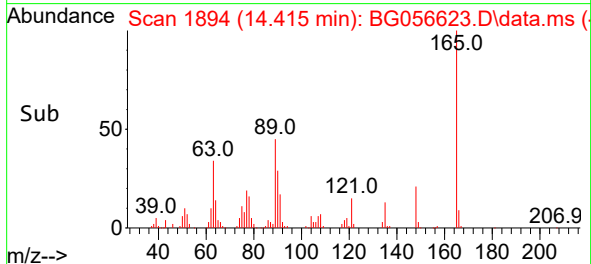
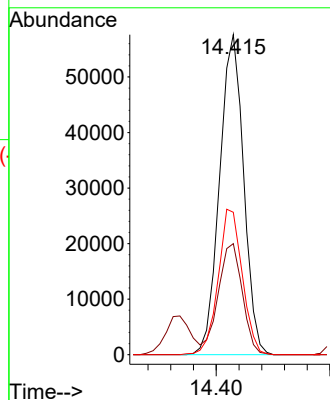
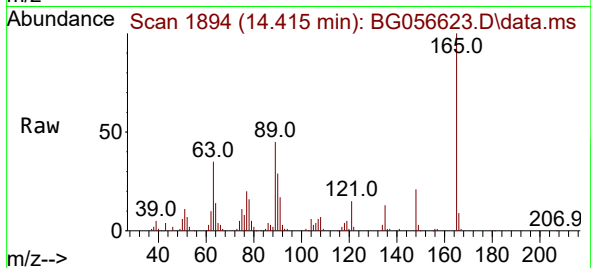




#51
2,6-Dinitrotoluene
Concen: 44.790 ng
RT: 14.415 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

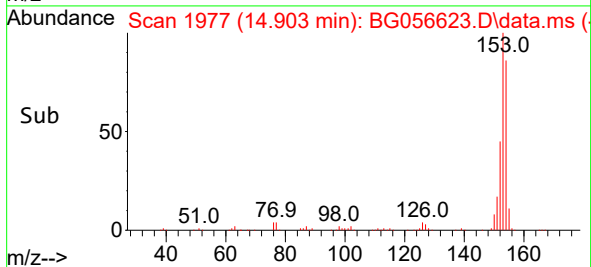
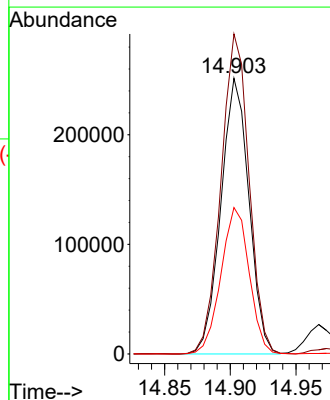
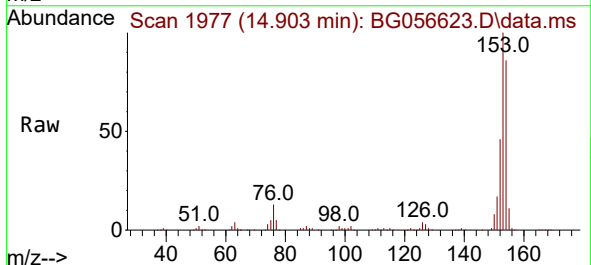
Instrument :
BNA_G
ClientSampleId :

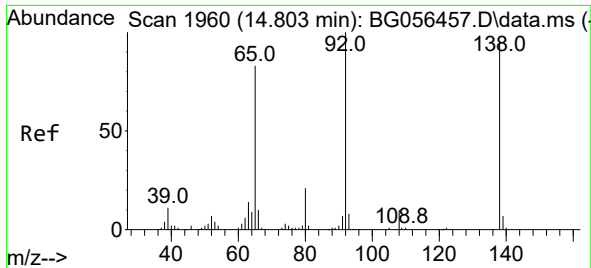
Tgt Ion:165 Resp: 84627
Ion Ratio Lower Upper
165 100
63 34.7 26.9 40.3
89 44.5 35.6 53.4



#52
Acenaphthene
Concen: 63.784 ng
RT: 14.903 min Scan# 1977
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:154 Resp: 373634
Ion Ratio Lower Upper
154 100
153 116.0 93.4 140.0
152 53.1 43.4 65.2

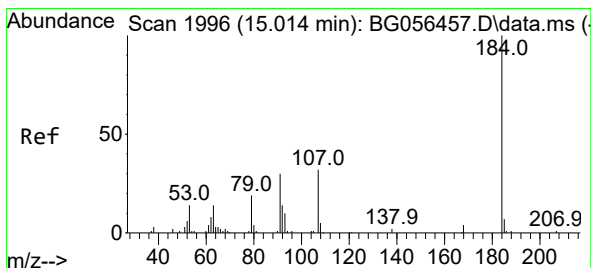
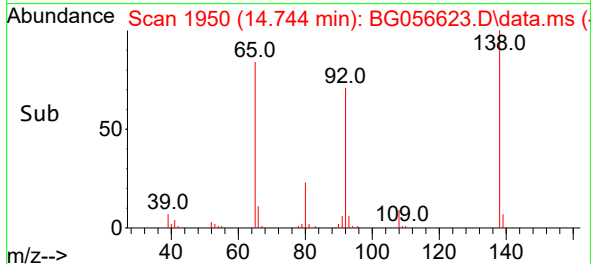
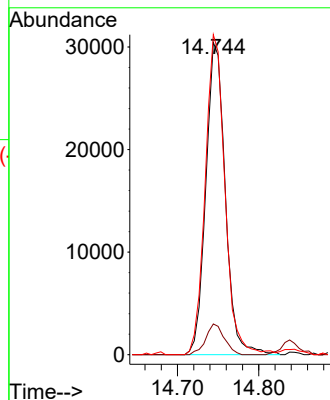
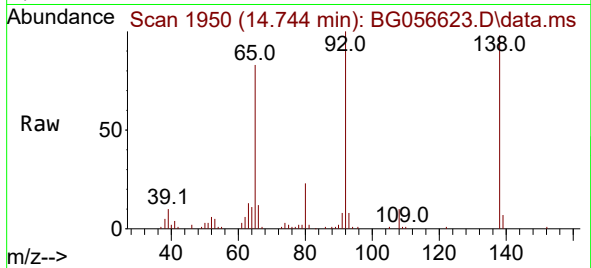




#53
3-Nitroaniline
Concen: 27.606 ng
RT: 14.744 min Scan# 1950
Delta R.T. -0.008 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

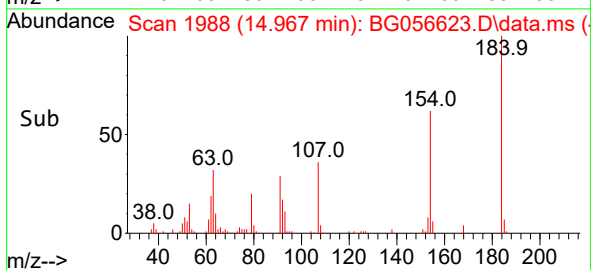
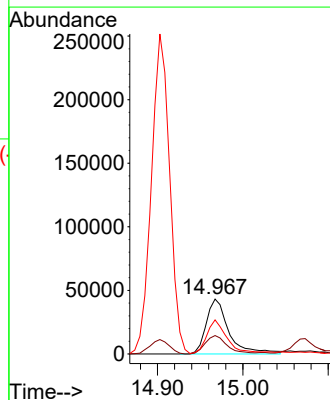
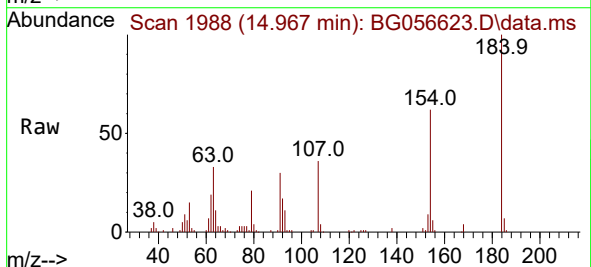
Instrument :
BNA_G
ClientSampleId :

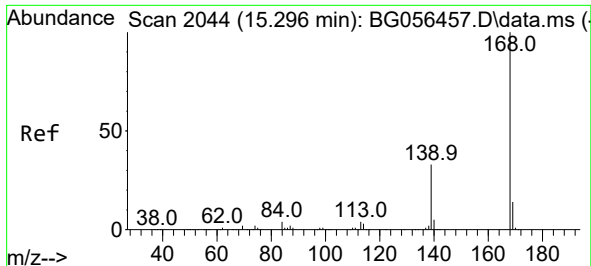
Tgt Ion:138 Resp: 50568
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 102.5 84.1 126.1



#54
2,4-Dinitrophenol
Concen: 67.107 ng
RT: 14.967 min Scan# 1988
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

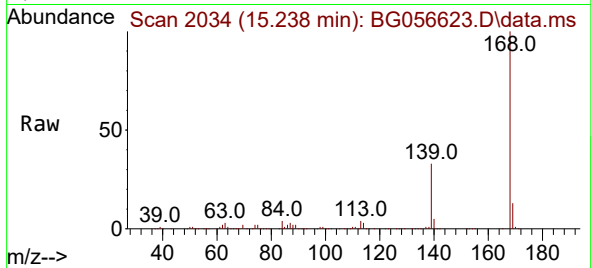
Tgt Ion:184 Resp: 79489
Ion Ratio Lower Upper
184 100
63 33.3 25.1 37.7
154 62.0 44.8 67.2



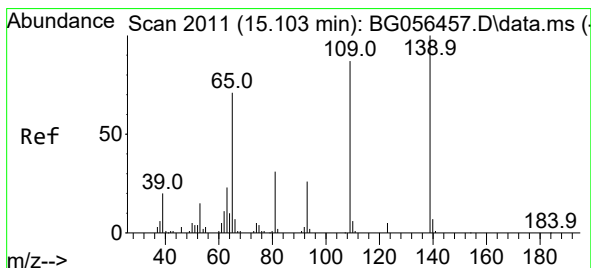
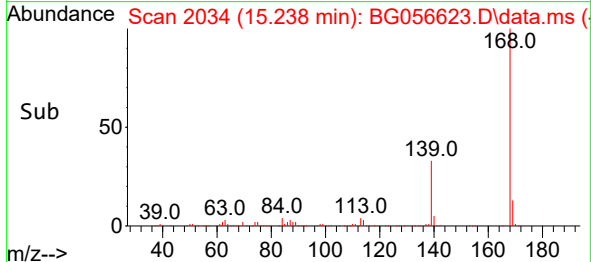
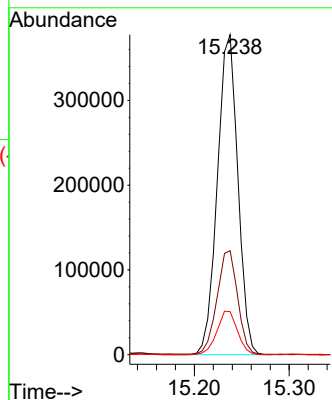


#55
Dibenzofuran
Concen: 53.999 ng
RT: 15.238 min Scan# 2006
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :

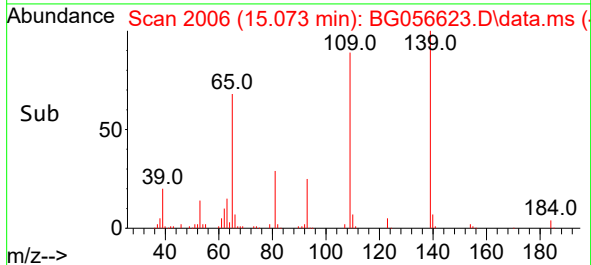
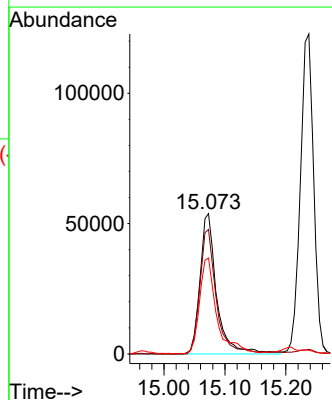
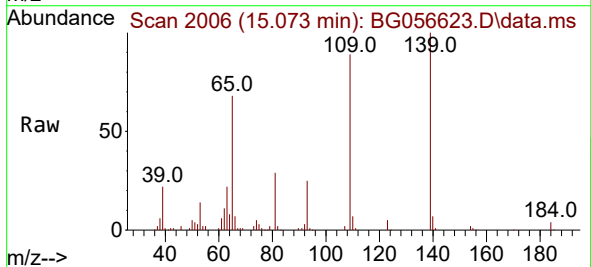


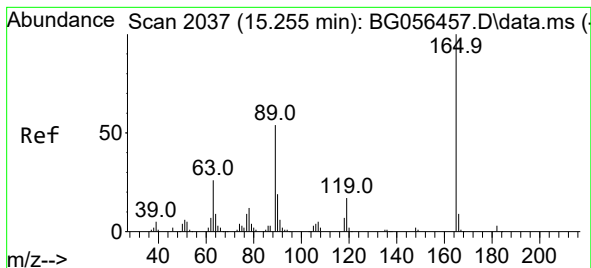
Tgt Ion:168 Resp: 567277
Ion Ratio Lower Upper
168 100
139 32.5 26.2 39.2
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 81.815 ng
RT: 15.073 min Scan# 2006
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:139 Resp: 102402
Ion Ratio Lower Upper
139 100
109 88.7 67.5 107.5
65 68.4 50.7 90.7





#57

2,4-Dinitrotoluene

Concen: 45.195 ng

RT: 15.208 min Scan# 2037

Delta R.T. 0.003 min

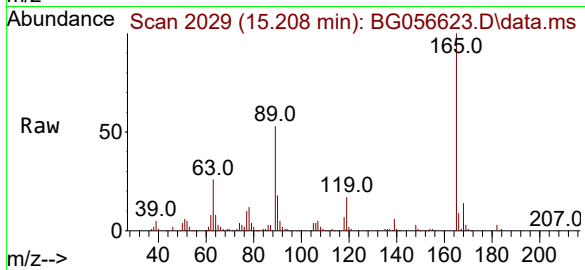
Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 120282

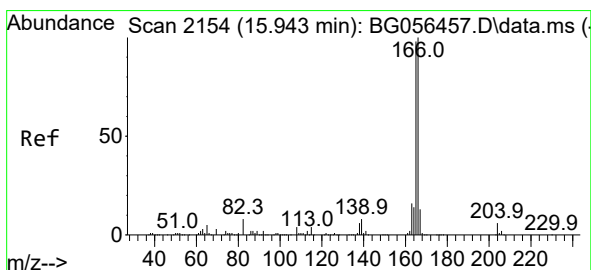
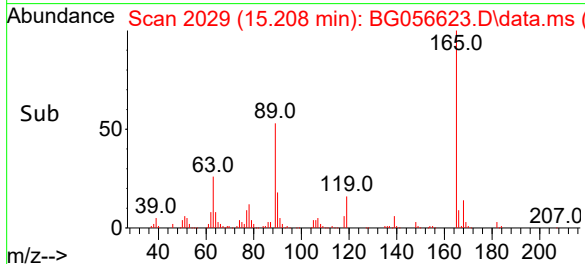
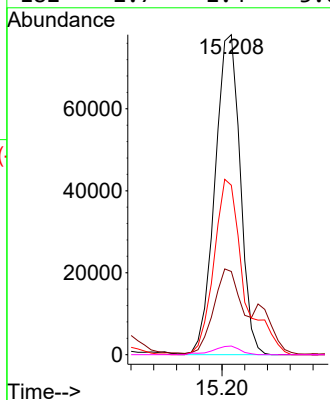
Ion Ratio Lower Upper

165 100

63 26.0 20.6 31.0

89 52.9 43.1 64.7

182 2.7 2.4 3.6



#58

Fluorene

Concen: 59.321 ng

RT: 15.884 min Scan# 2144

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

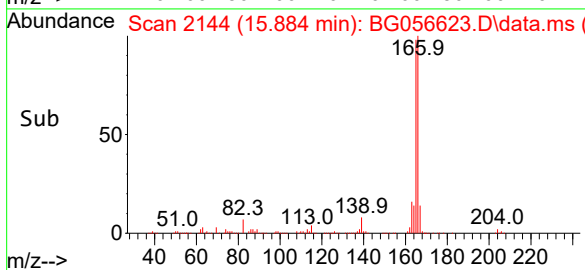
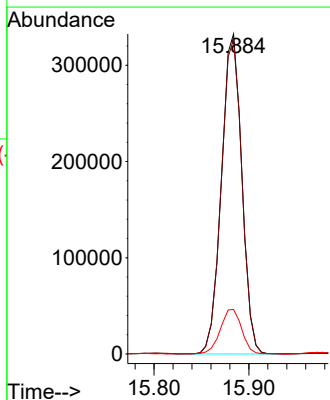
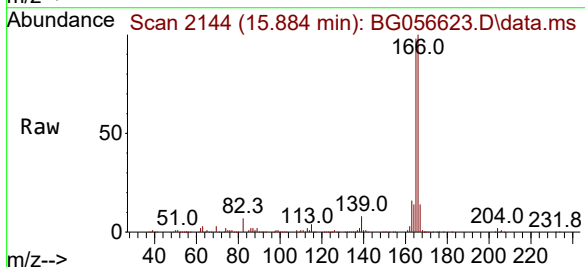
Tgt Ion:166 Resp: 495876

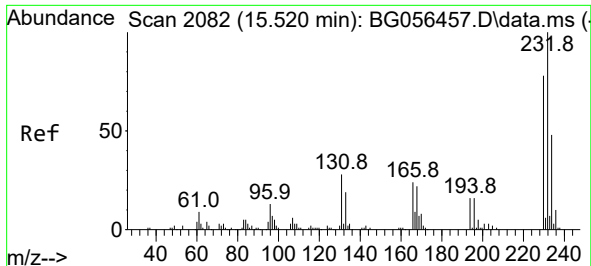
Ion Ratio Lower Upper

166 100

165 98.4 78.8 118.2

167 13.9 10.6 15.8

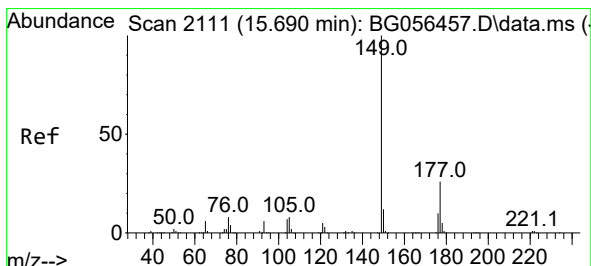
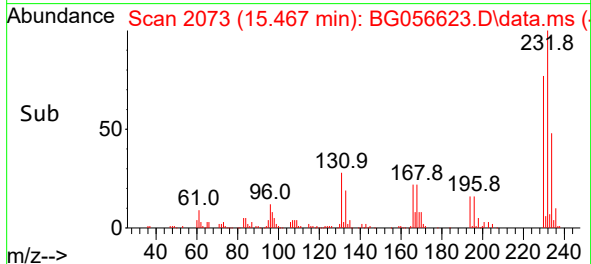
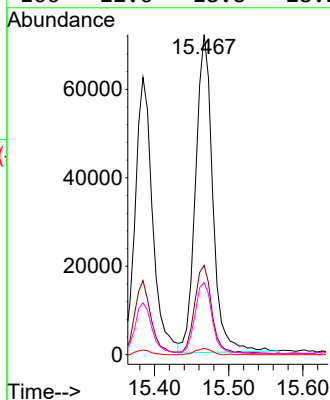
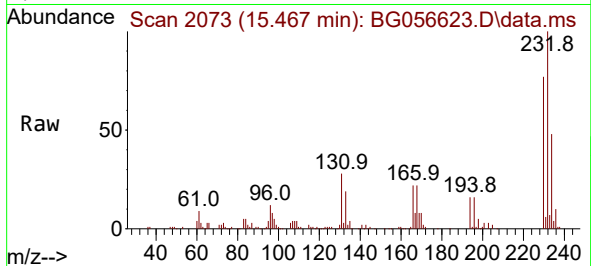




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.999 ng
RT: 15.467 min Scan# 2082
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

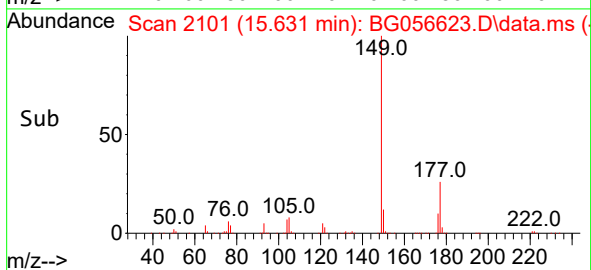
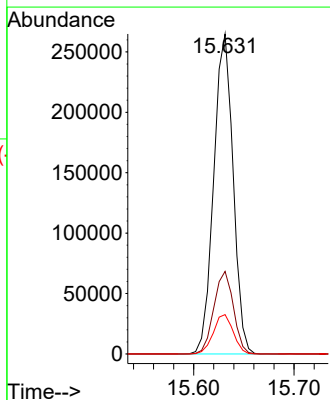
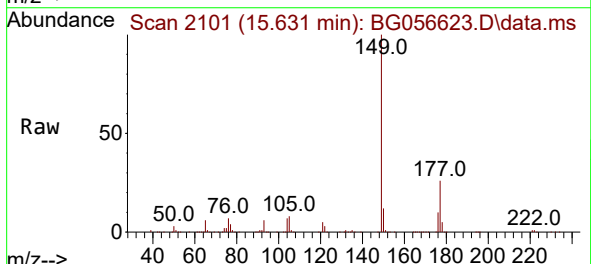
Instrument :
BNA_G
ClientSampleId :

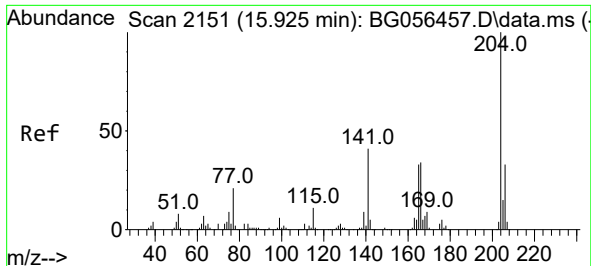
Tgt Ion:232 Resp: 115483
Ion Ratio Lower Upper
232 100
131 27.4 22.8 34.2
130 1.9 1.4 2.0
166 22.6 18.8 28.2



#60
Diethylphthalate
Concen: 43.572 ng
RT: 15.631 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

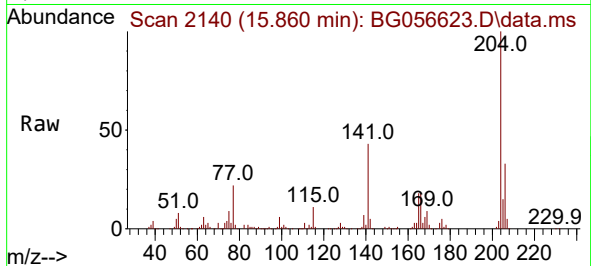
Tgt Ion:149 Resp: 354487
Ion Ratio Lower Upper
149 100
177 25.8 21.0 31.4
150 12.3 9.9 14.9



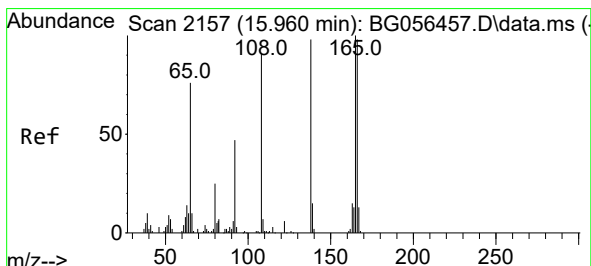
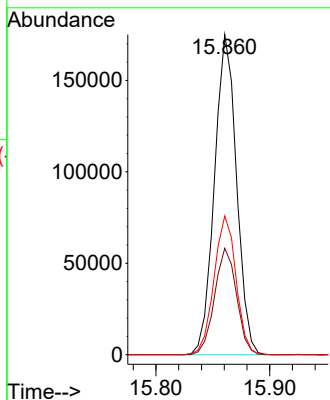
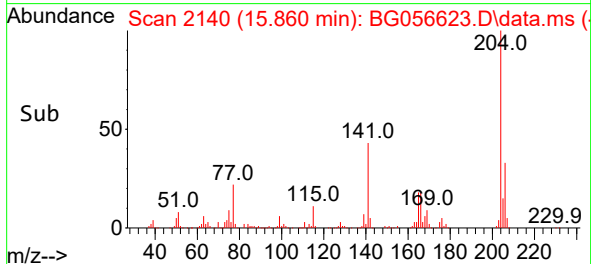


#61
4-Chlorophenyl-phenylether
Concen: 46.146 ng
RT: 15.860 min Scan# 2140
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

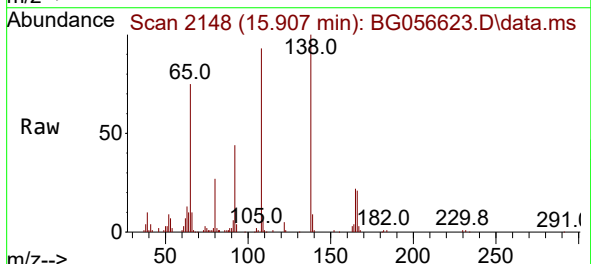
Instrument :
BNA_G
ClientSampleId :



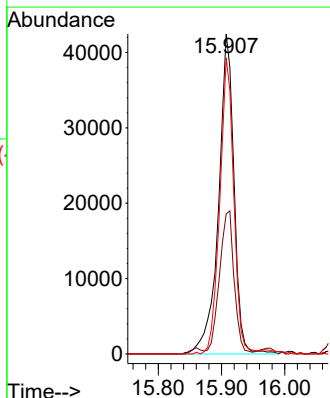
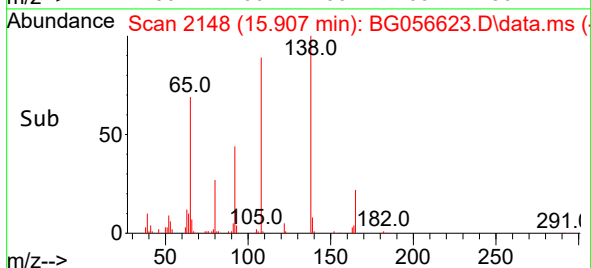
Tgt Ion:204 Resp: 235382
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 43.3 32.7 49.1

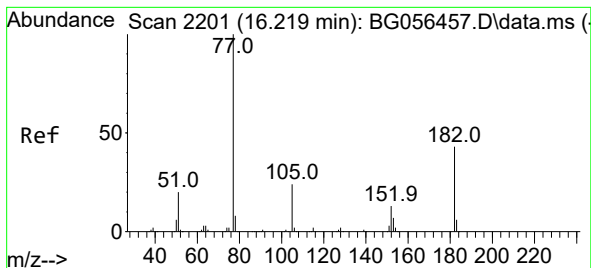


#62
4-Nitroaniline
Concen: 39.525 ng
RT: 15.907 min Scan# 2148
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



Tgt Ion:138 Resp: 72445
Ion Ratio Lower Upper
138 100
92 43.8 27.8 67.8
108 92.5 72.6 112.6





#63

Azobenzene

Concen: 48.798 ng

RT: 16.154 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

Tgt Ion: 77 Resp: 273169

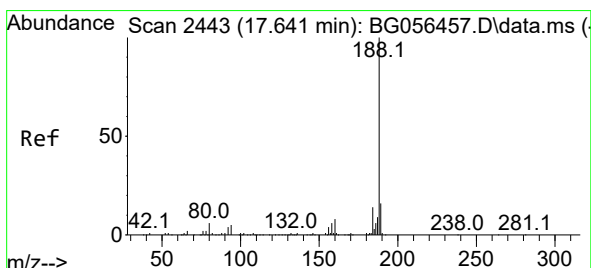
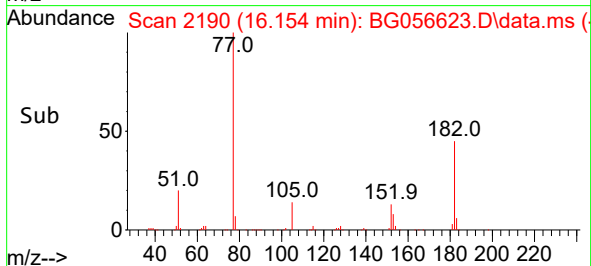
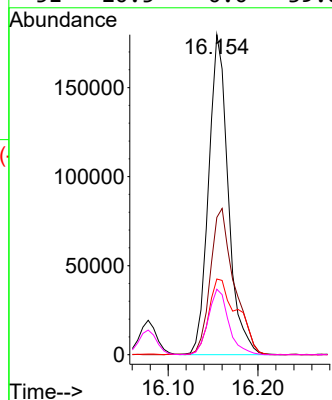
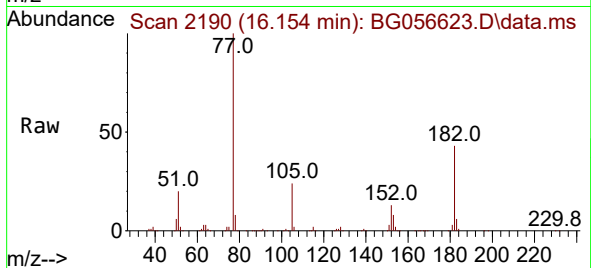
Ion Ratio Lower Upper

77 100

182 42.9 23.1 63.1

105 23.6 4.2 44.2

51 20.5 0.0 39.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.582 min Scan# 2433

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

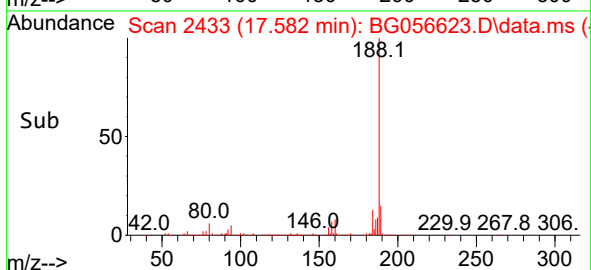
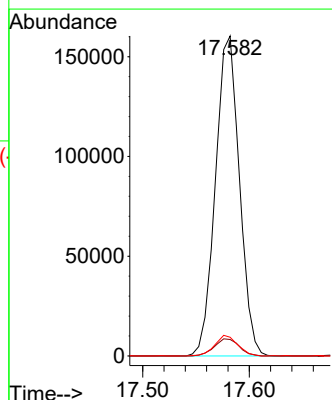
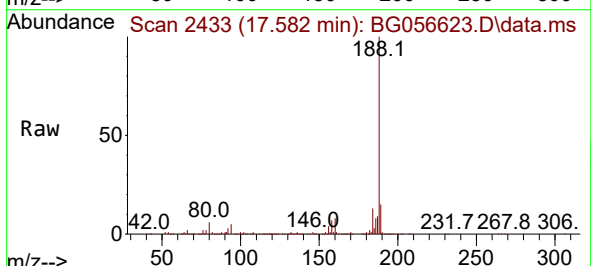
Tgt Ion:188 Resp: 250357

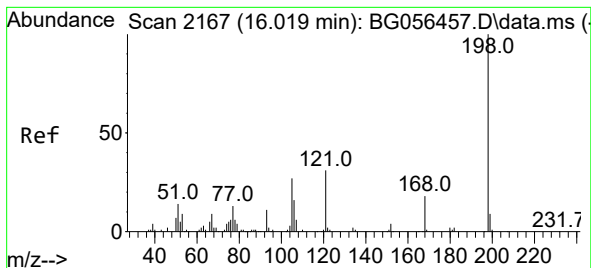
Ion Ratio Lower Upper

188 100

94 5.2 4.1 6.1

80 5.9 5.0 7.4

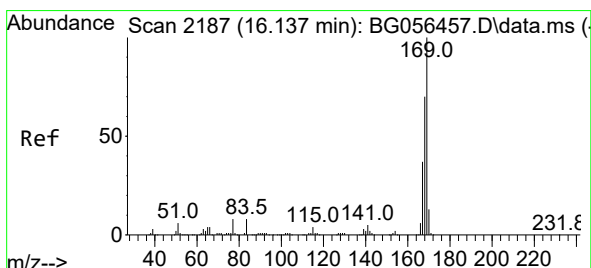
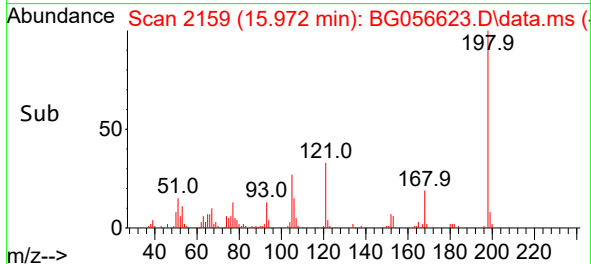
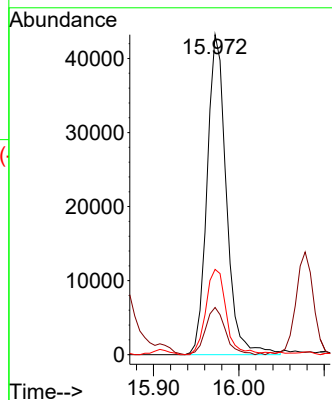
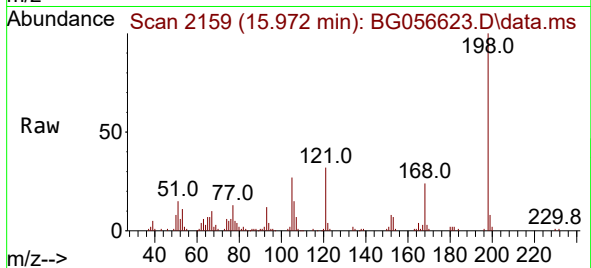




#65
4,6-Dinitro-2-methylphenol
Concen: 38.511 ng
RT: 15.972 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

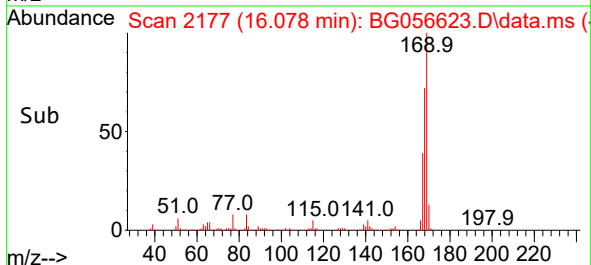
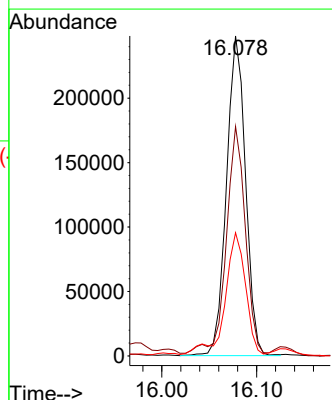
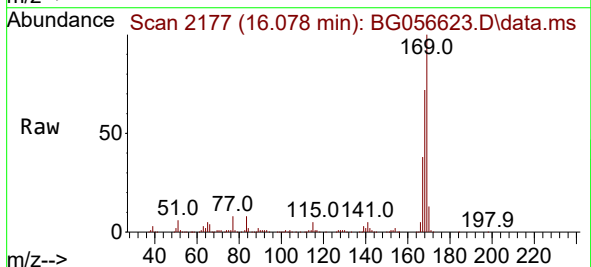
Instrument :
BNA_G
ClientSampleId :

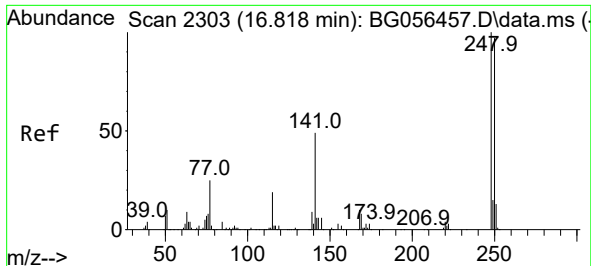
Tgt Ion:198 Resp: 67785
Ion Ratio Lower Upper
198 100
51 14.8 0.0 35.0
105 26.7 7.4 47.4



#66
n-Nitrosodiphenylamine
Concen: 48.898 ng
RT: 16.078 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:169 Resp: 346605
Ion Ratio Lower Upper
169 100
168 71.7 55.8 83.6
167 38.5 29.8 44.8

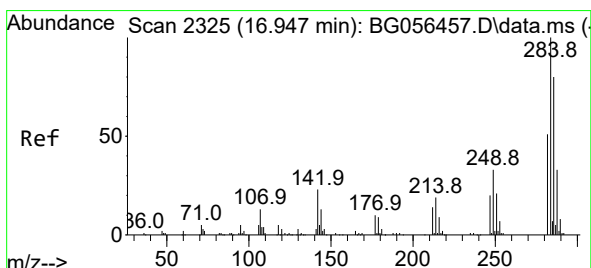
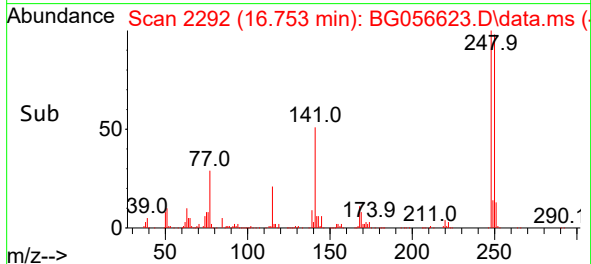
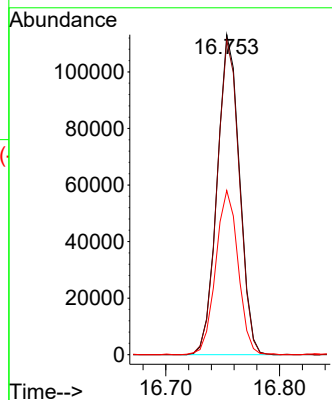
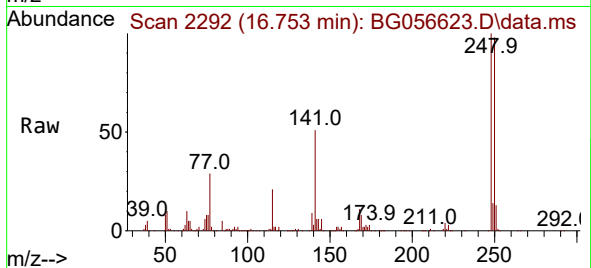




#67
4-Bromophenyl-phenylether
Concen: 48.287 ng
RT: 16.753 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

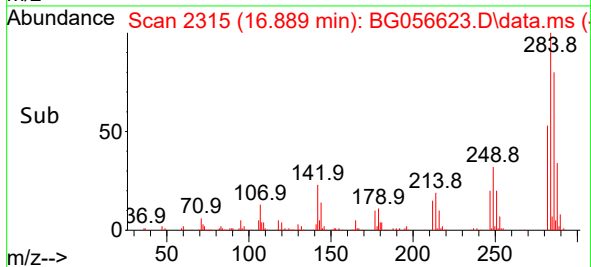
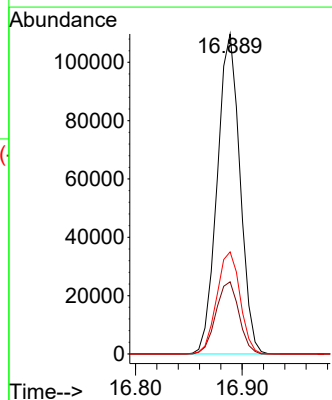
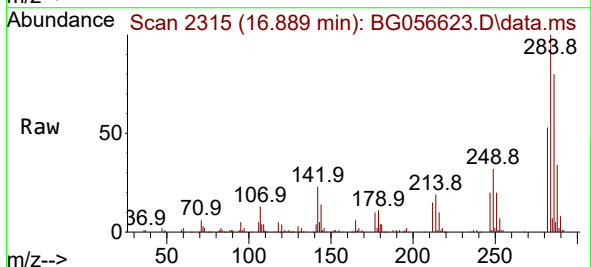
Instrument :
BNA_G
ClientSampleId :

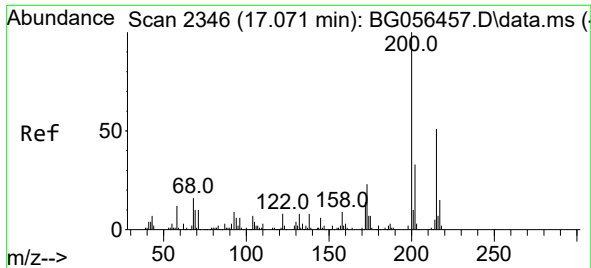
Tgt Ion:248 Resp: 154760
Ion Ratio Lower Upper
248 100
250 98.2 77.6 116.4
141 51.3 39.0 58.4



#68
Hexachlorobenzene
Concen: 51.695 ng
RT: 16.889 min Scan# 2315
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:284 Resp: 162273
Ion Ratio Lower Upper
284 100
142 22.5 18.0 27.0
249 31.9 26.7 40.1

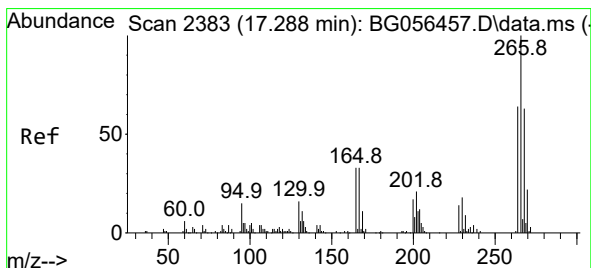
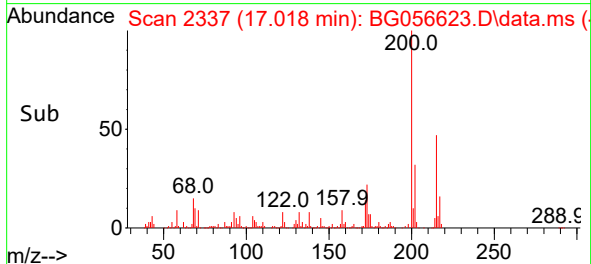
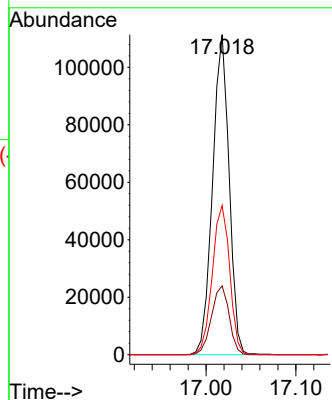
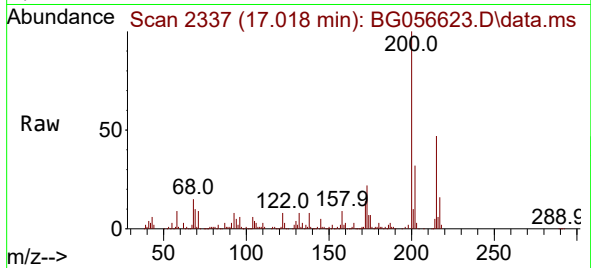




#69
 Atrazine
 Concen: 52.105 ng
 RT: 17.018 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

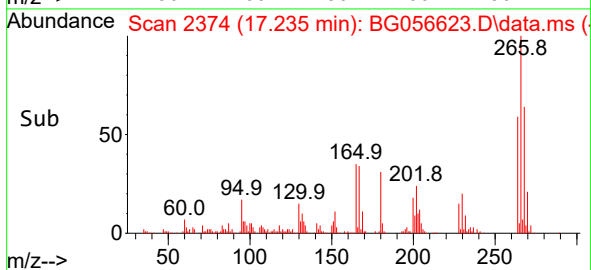
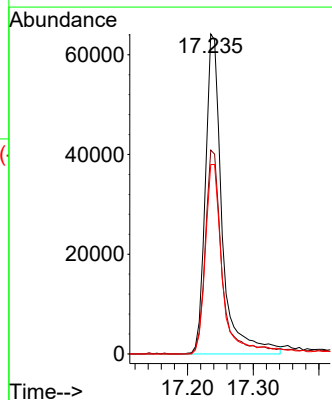
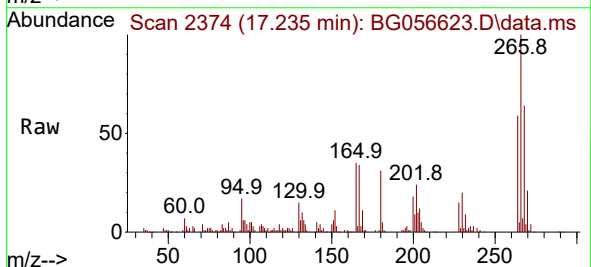
Instrument :
 BNA_G
 ClientSampleId :

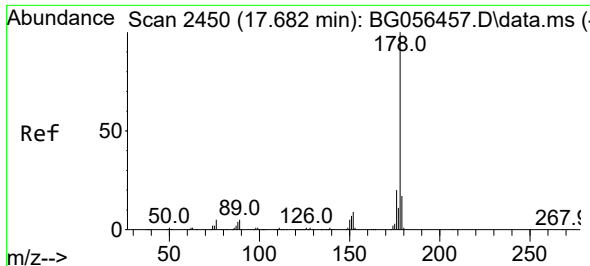
Tgt Ion:200 Resp: 142486
 Ion Ratio Lower Upper
 200 100
 173 21.5 3.2 43.2
 215 46.6 30.7 70.7



#70
 Pentachlorophenol
 Concen: 60.083 ng
 RT: 17.235 min Scan# 2374
 Delta R.T. -0.003 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

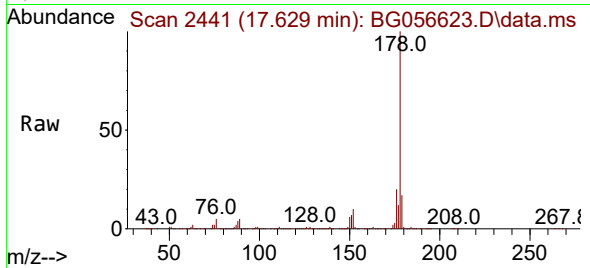
Tgt Ion:266 Resp: 114122
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.2 75.4
 264 59.2 51.4 77.0



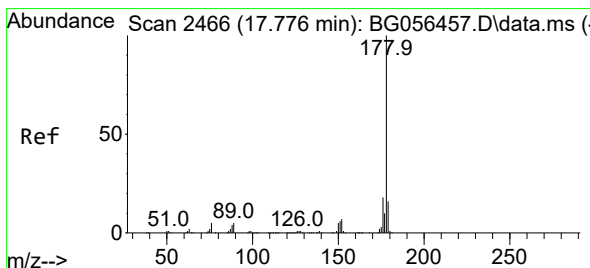
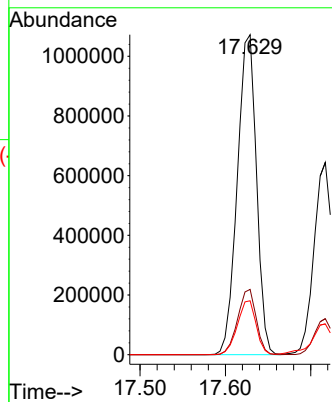
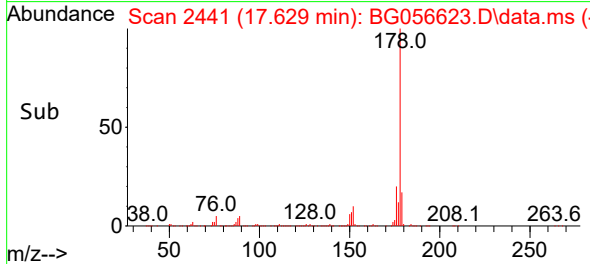


#71
Phenanthrene
Concen: 128.006 ng
RT: 17.629 min Scan# 2450
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

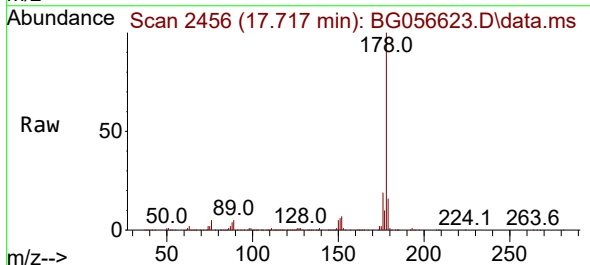
Instrument :
BNA_G
ClientSampleId :



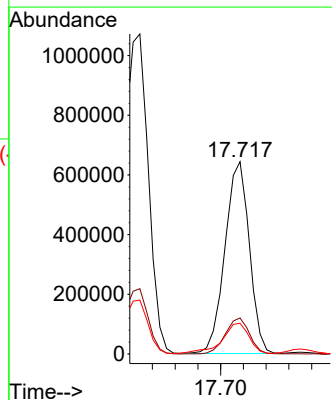
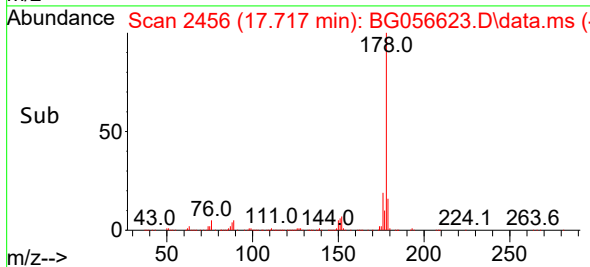
Tgt Ion:178 Resp: 1677289
Ion Ratio Lower Upper
178 100
176 20.4 15.6 23.4
179 16.8 13.3 19.9

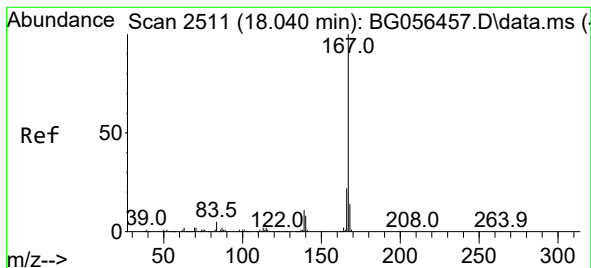


#72
Anthracene
Concen: 71.240 ng
RT: 17.717 min Scan# 2456
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



Tgt Ion:178 Resp: 958230
Ion Ratio Lower Upper
178 100
176 18.7 14.5 21.7
179 16.0 12.5 18.7





#73

Carbazole

Concen: 58.626 ng

RT: 17.981 min Scan# 2501

Delta R.T. -0.003 min

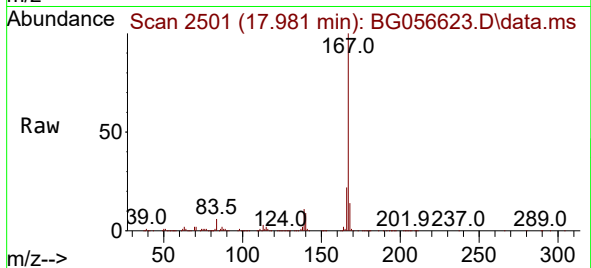
Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :



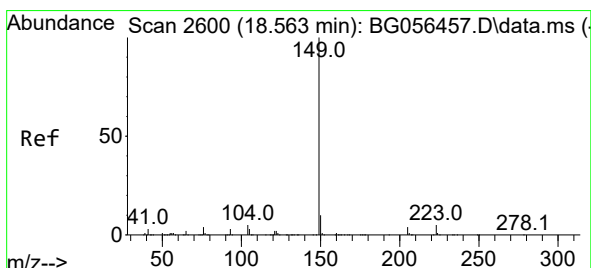
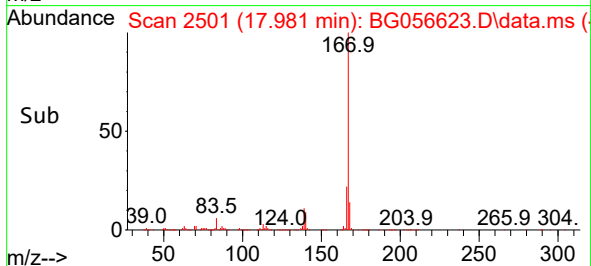
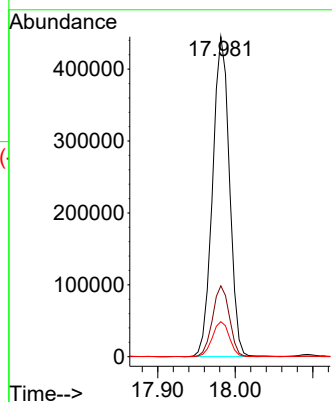
Tgt Ion:167 Resp: 671616

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

139 11.0 8.9 13.3



#74

Di-n-butylphthalate

Concen: 46.017 ng

RT: 18.504 min Scan# 2590

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

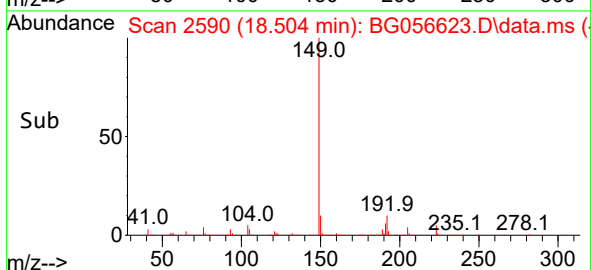
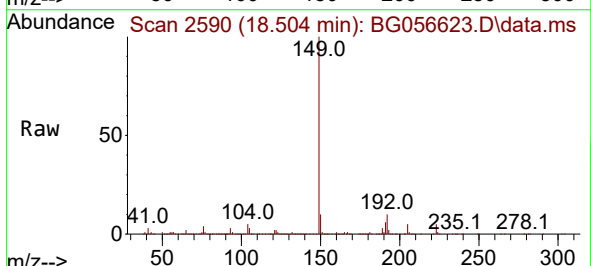
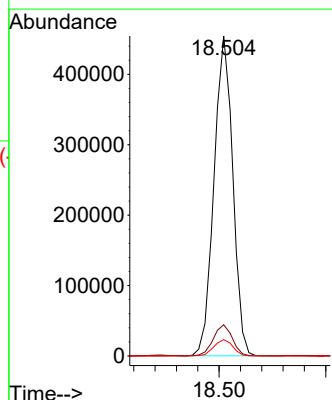
Tgt Ion:149 Resp: 553529

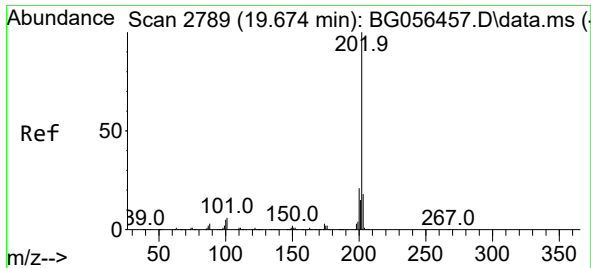
Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

104 5.1 4.0 6.0

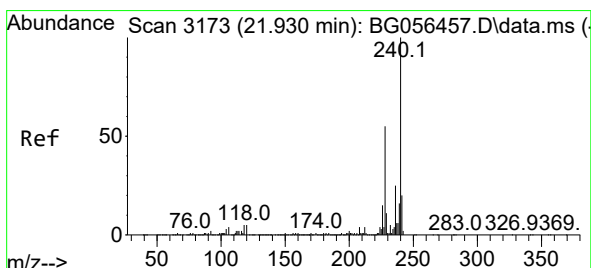
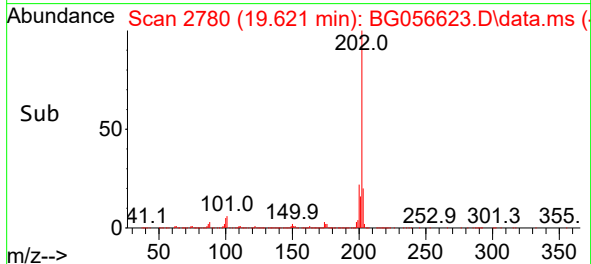
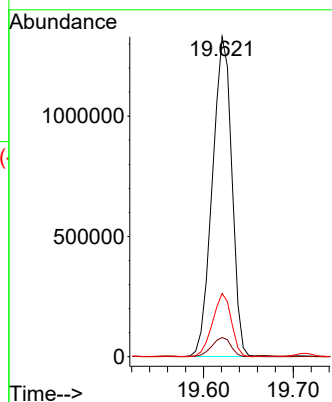
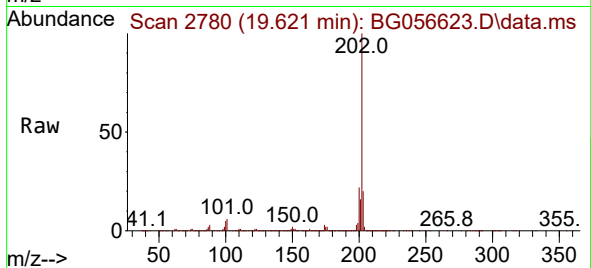




#75
Fluoranthene
Concen: 121.051 ng
RT: 19.621 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

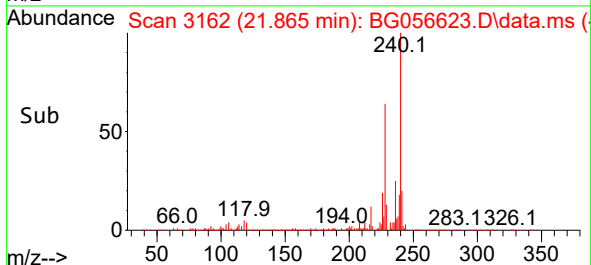
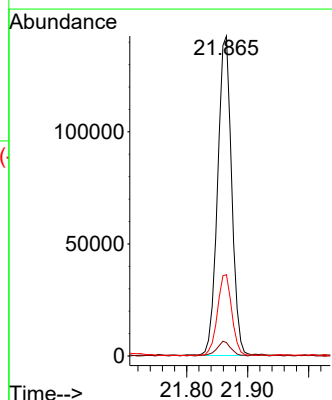
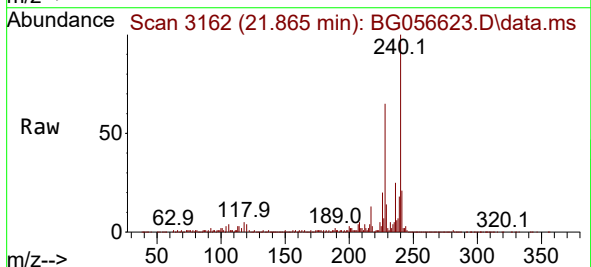
Instrument :
BNA_G
ClientSampleId :

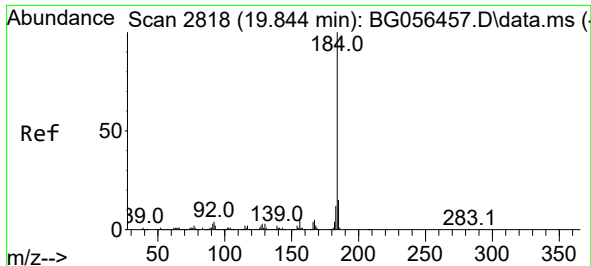
Tgt Ion:202 Resp: 2001915
Ion Ratio Lower Upper
202 100
101 6.0 0.0 25.6
203 19.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.865 min Scan# 3162
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:240 Resp: 227593
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 25.4 20.2 30.2

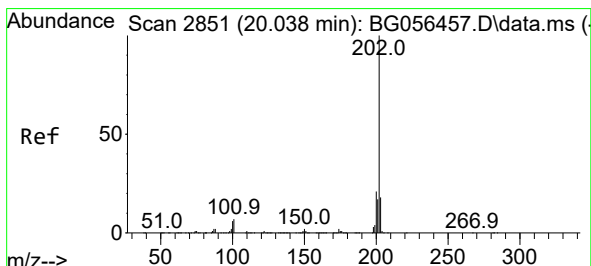
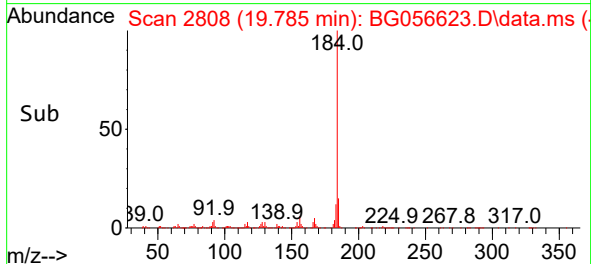
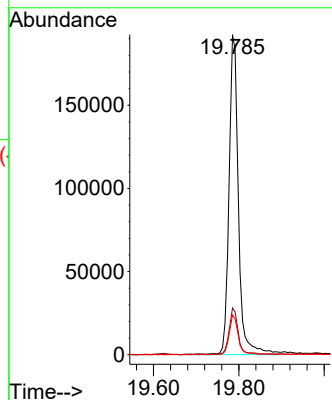
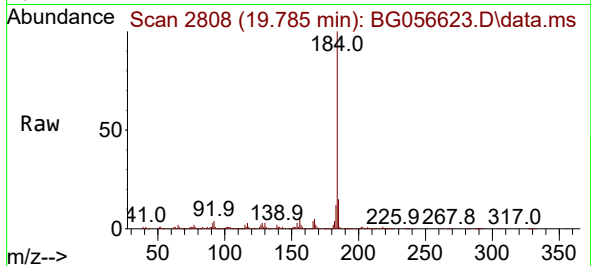




#77
Benzidine
Concen: 48.017 ng
RT: 19.785 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

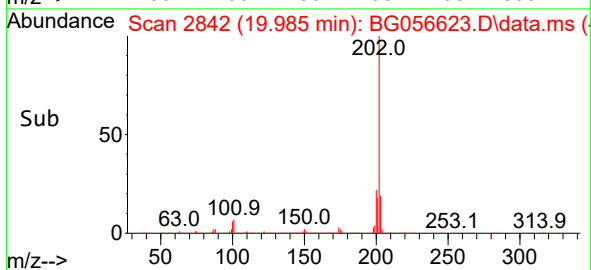
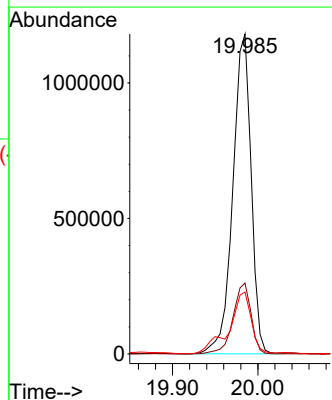
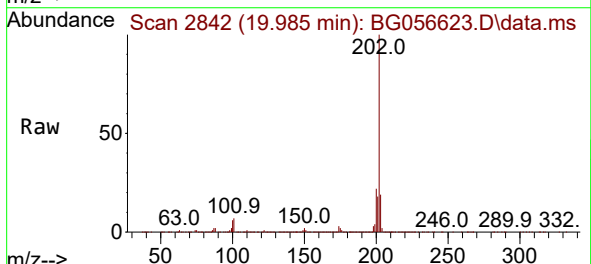
Instrument :
BNA_G
ClientSampleId :

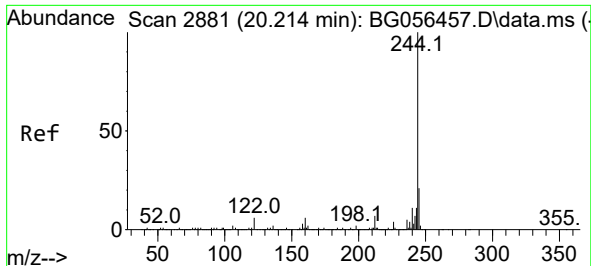
Tgt Ion:184 Resp: 295733
Ion Ratio Lower Upper
184 100
185 14.6 12.3 18.5
183 12.4 9.8 14.8



#78
Pyrene
Concen: 108.875 ng
RT: 19.985 min Scan# 2842
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

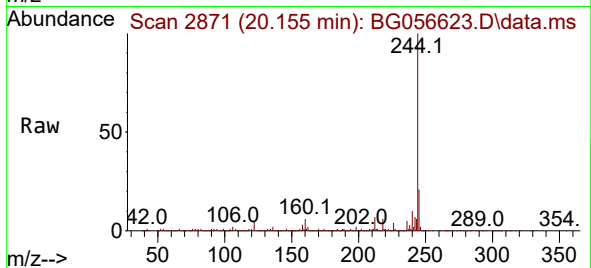
Tgt Ion:202 Resp: 1762340
Ion Ratio Lower Upper
202 100
200 22.2 16.7 25.1
203 19.4 14.4 21.6



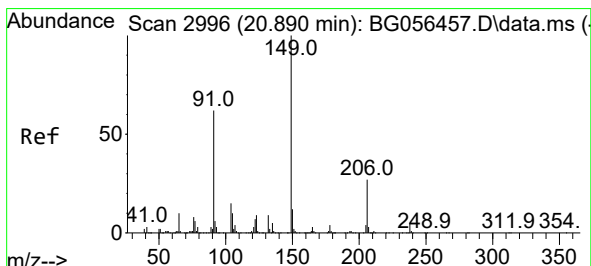
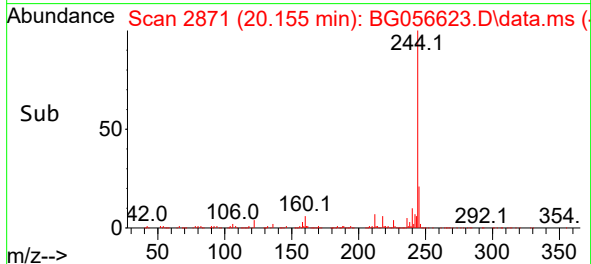
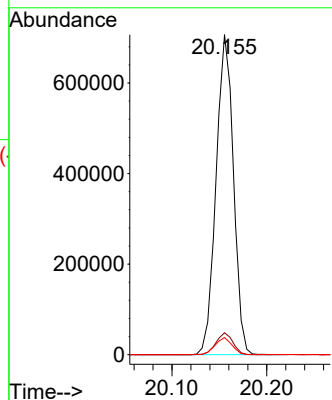


#79
 Terphenyl-d14
 Concen: 69.395 ng
 RT: 20.155 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

Instrument :
 BNA_G
 ClientSampleId :

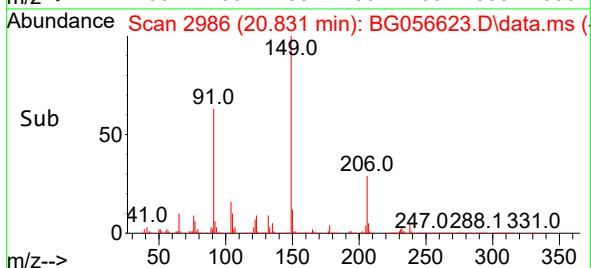
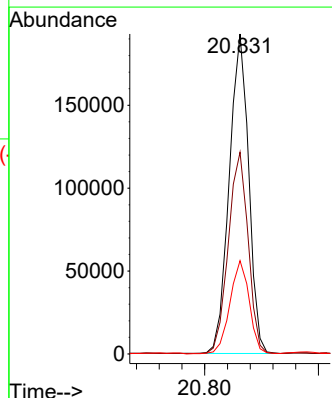
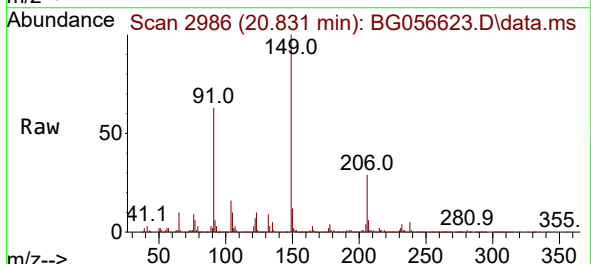


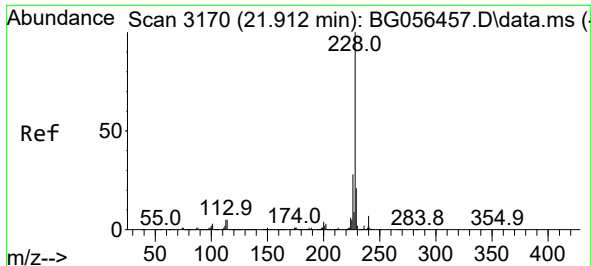
Tgt Ion:244 Resp: 899231
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.4 4.4 6.6



#80
 Butylbenzylphthalate
 Concen: 46.205 ng
 RT: 20.831 min Scan# 2986
 Delta R.T. -0.003 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

Tgt Ion:149 Resp: 228417
 Ion Ratio Lower Upper
 149 100
 91 63.1 49.4 74.0
 206 29.1 22.0 33.0

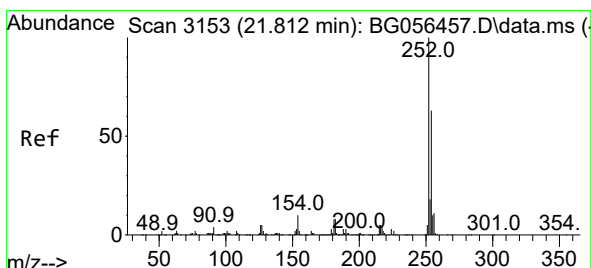
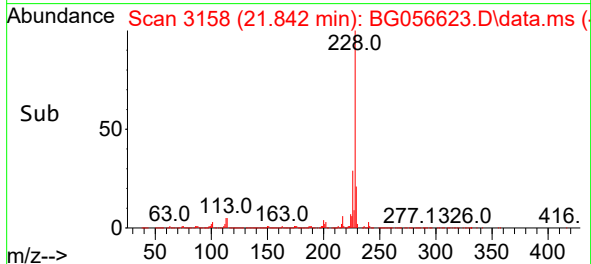
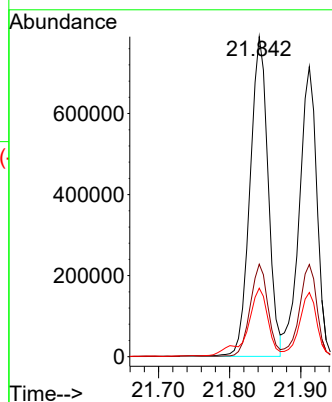
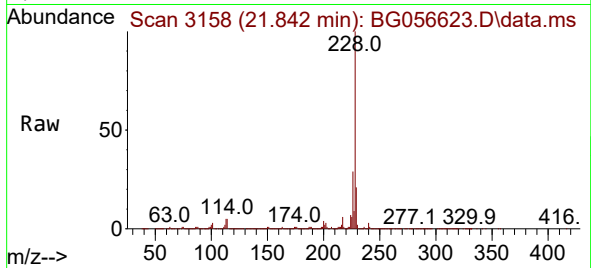




#81
Benzo(a)anthracene
Concen: 87.639 ng
RT: 21.842 min Scan# 31158
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

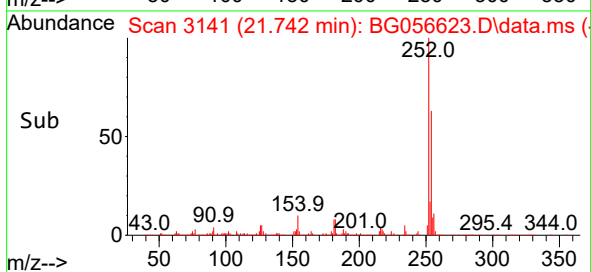
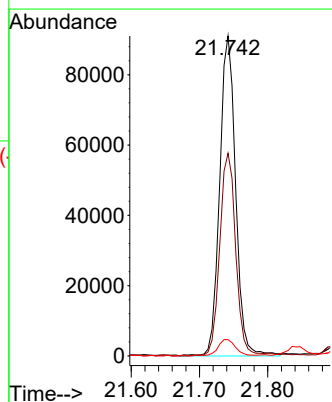
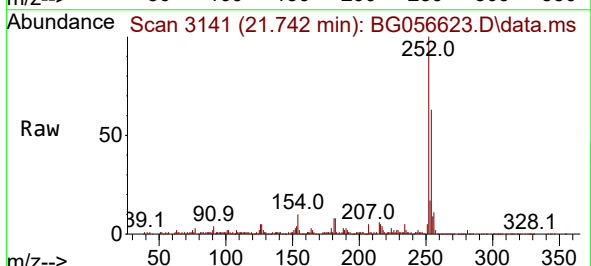
Instrument :
BNA_G
ClientSampleId :

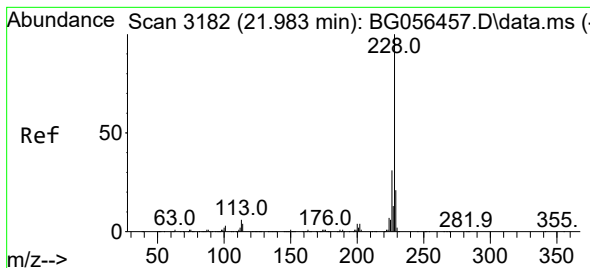
Tgt Ion:228 Resp: 1394447
Ion Ratio Lower Upper
228 100
226 28.9 22.4 33.6
229 21.4 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 25.942 ng
RT: 21.742 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:252 Resp: 148646
Ion Ratio Lower Upper
252 100
254 63.3 50.0 75.0
126 5.1 4.3 6.5





#83

Chrysene

Concen: 81.576 ng

RT: 21.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

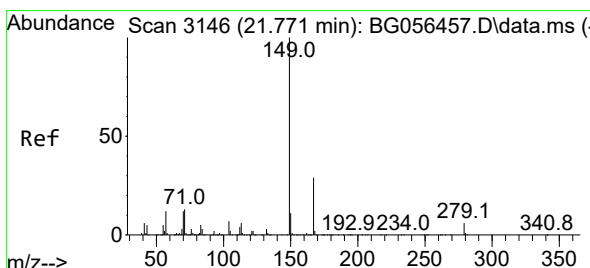
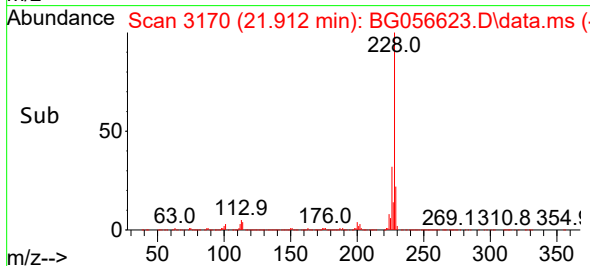
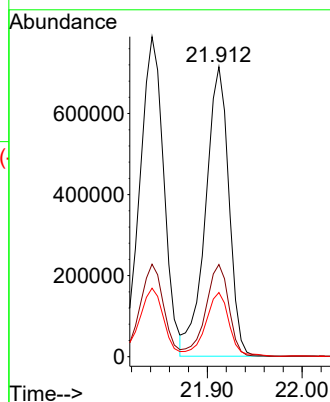
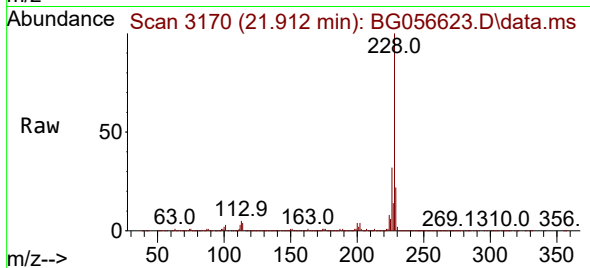
Tgt Ion:228 Resp: 1219438

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.4

229 22.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.838 ng

RT: 21.695 min Scan# 3133

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

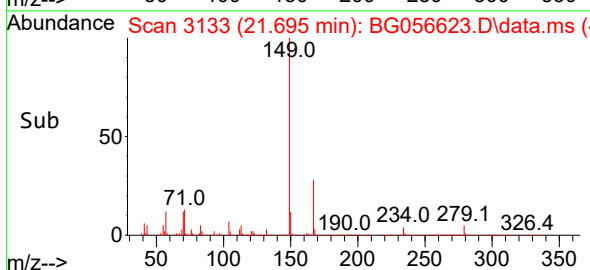
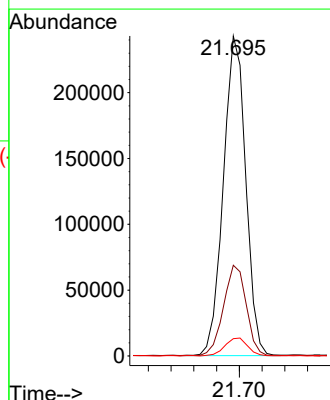
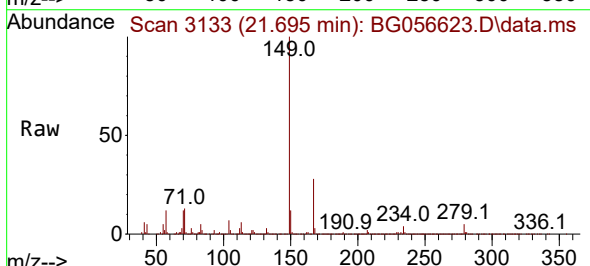
Tgt Ion:149 Resp: 331968

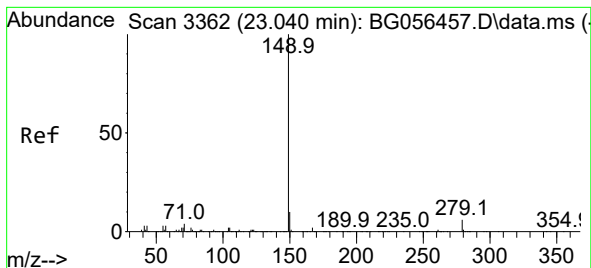
Ion Ratio Lower Upper

149 100

167 28.4 23.4 35.2

279 5.4 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 46.948 ng

RT: 22.946 min Scan# 31

Delta R.T. -0.003 min

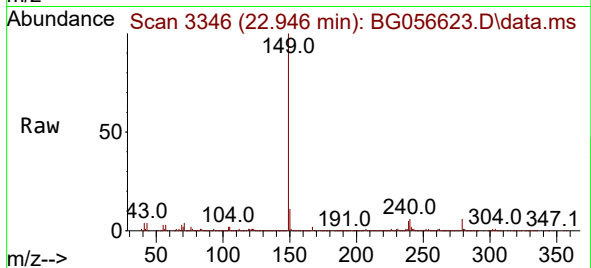
Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :



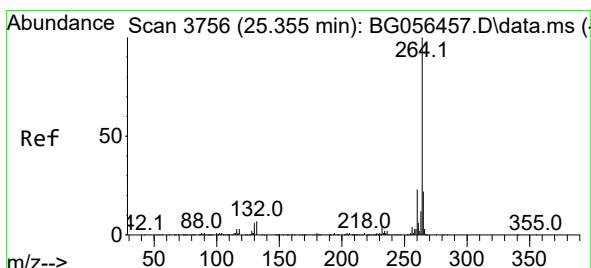
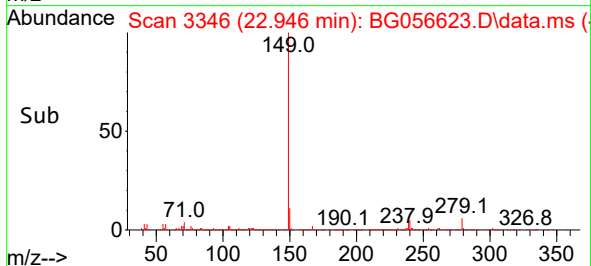
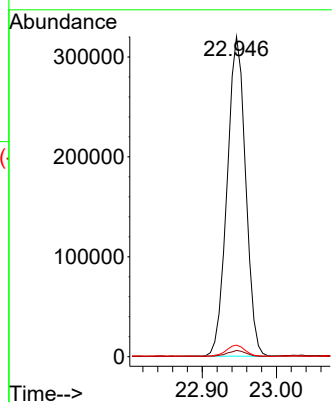
Tgt Ion:149 Resp: 554141

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

43 3.6 2.7 4.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.238 min Scan# 3736

Delta R.T. 0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

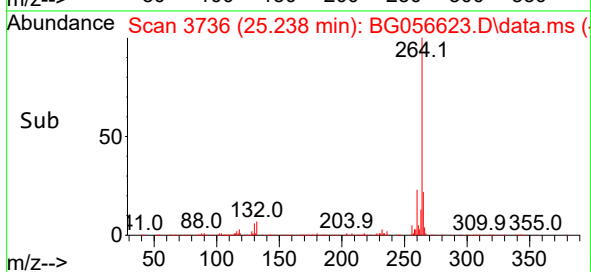
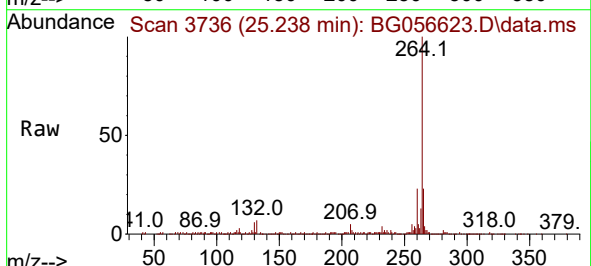
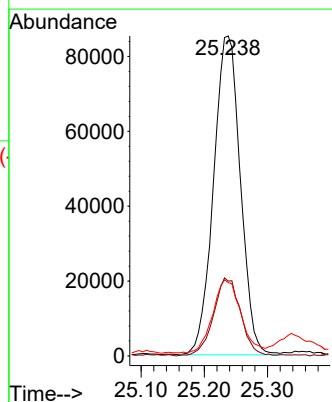
Tgt Ion:264 Resp: 251172

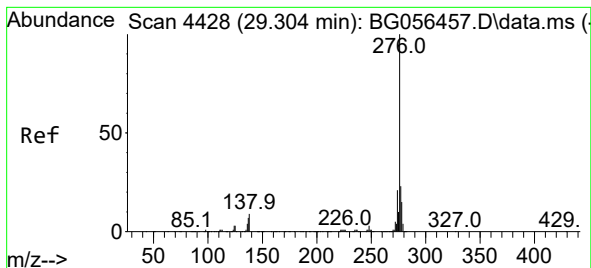
Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 23.0 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 64.419 ng

RT: 29.145 min Scan# 4428

Delta R.T. 0.015 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

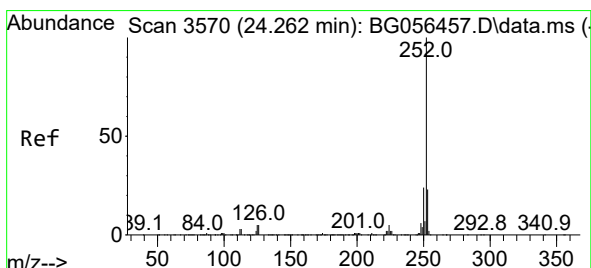
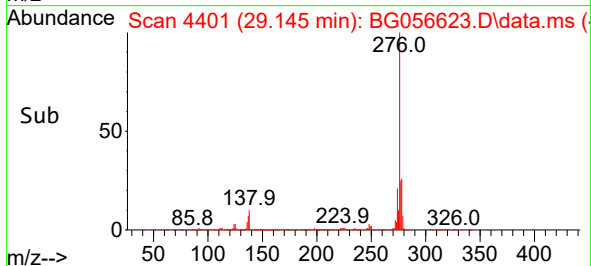
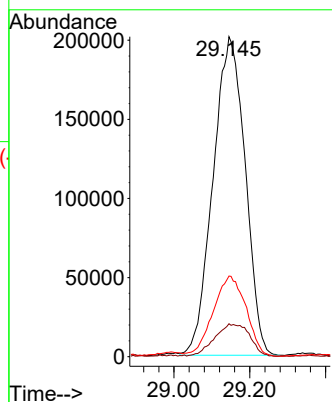
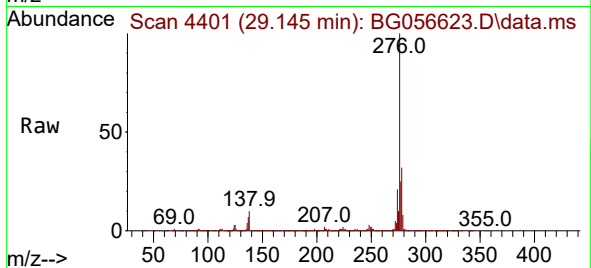
Tgt Ion:276 Resp: 1184418

Ion Ratio Lower Upper

276 100

138 11.1 9.4 14.2

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 90.408 ng

RT: 24.168 min Scan# 3554

Delta R.T. 0.009 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

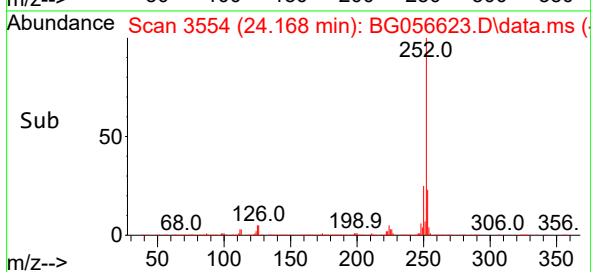
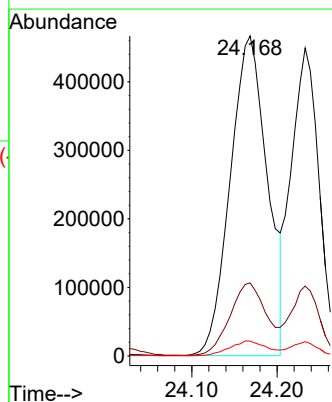
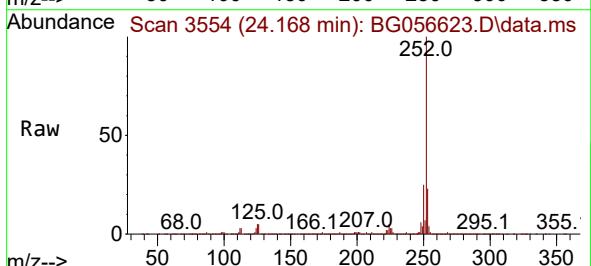
Tgt Ion:252 Resp: 1409465

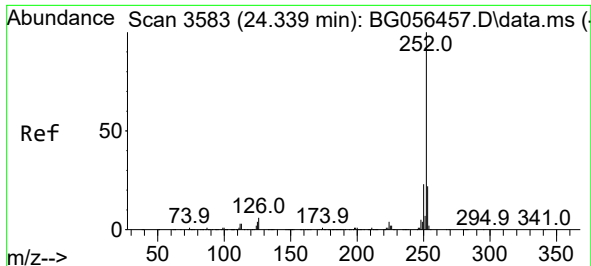
Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

125 4.6 3.9 5.9

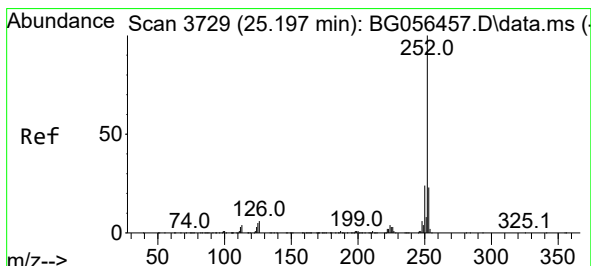
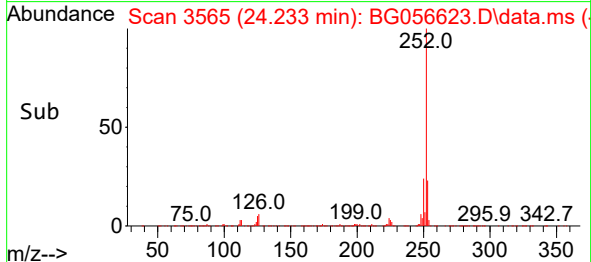
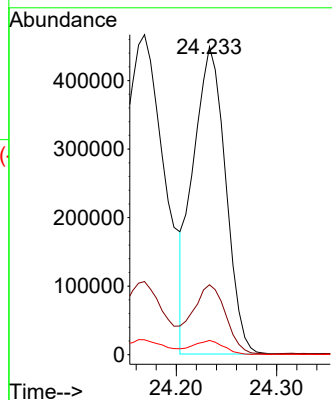
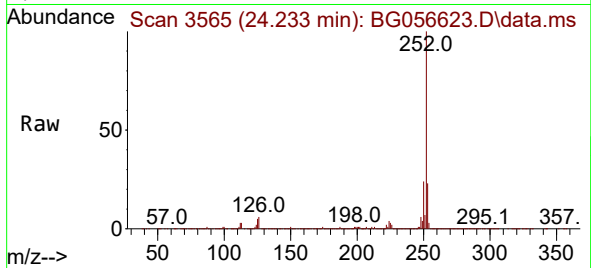




#89
Benzo(k)fluoranthene
Concen: 64.069 ng
RT: 24.233 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

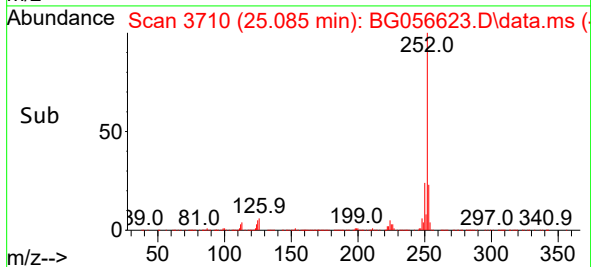
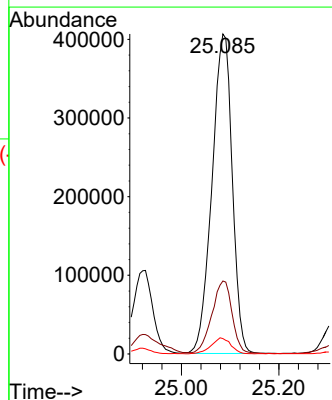
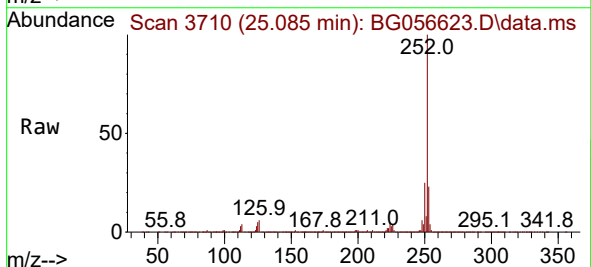
Instrument :
BNA_G
ClientSampleId :

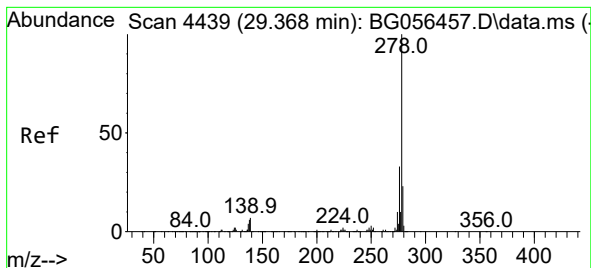
Tgt Ion:252 Resp: 1008458
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 4.6 3.4 5.0



#90
Benzo(a)pyrene
Concen: 76.267 ng
RT: 25.085 min Scan# 3710
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:252 Resp: 1171230
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 4.8 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 54.071 ng

RT: 29.192 min Scan# 4439

Delta R.T. 0.009 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

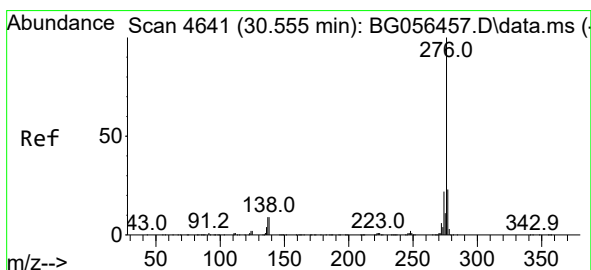
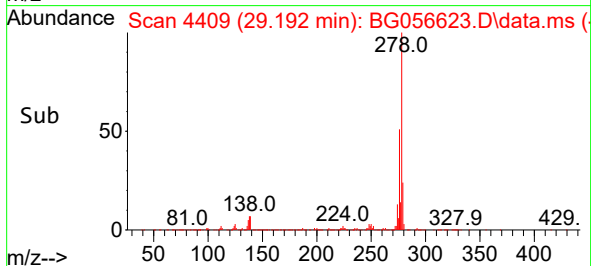
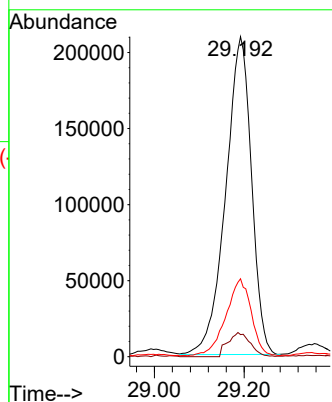
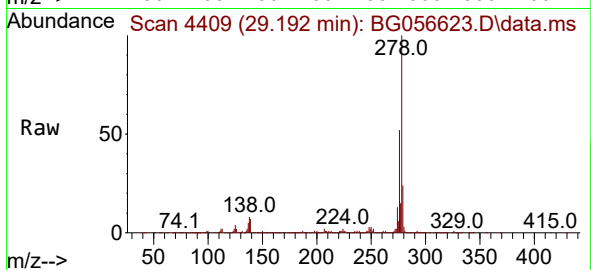
Tgt Ion:278 Resp: 834496

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: 65.936 ng

RT: 30.367 min Scan# 4609

Delta R.T. 0.015 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Tgt Ion:276 Resp: 981889

Ion Ratio Lower Upper

276 100

277 24.3 18.5 27.7

138 9.5 7.4 11.0

