

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055665.D
 Acq On : 17 Nov 2022 14:22
 Operator : CG/JU
 Sample : N5497-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Quant Time: Nov 18 03:14:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

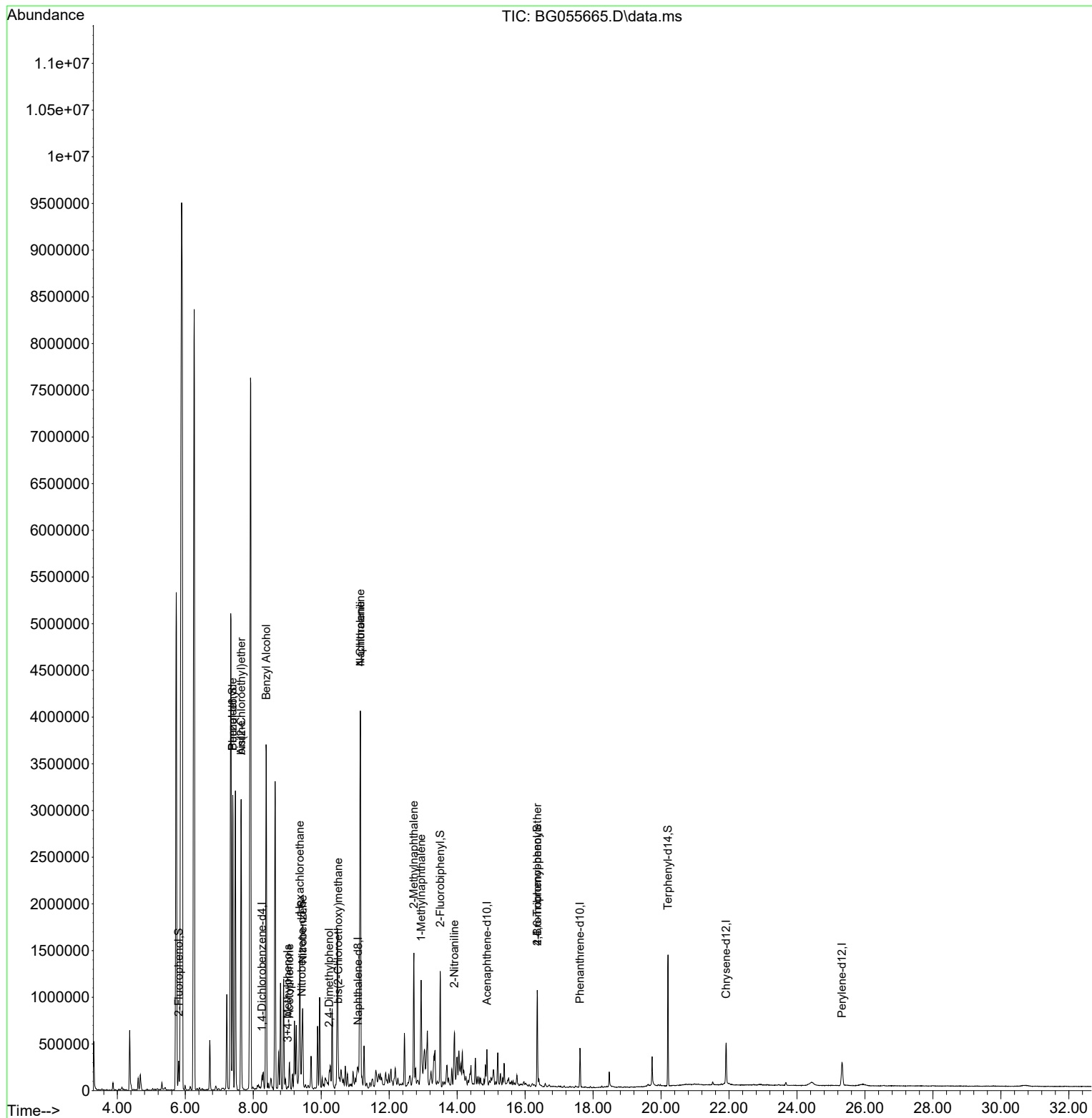
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	40522	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	161802	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	131852	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	278246	20.000	ng	0.00
76) Chrysene-d12	21.913	240	279953	20.000	ng	0.00
86) Perylene-d12	25.321	264	285549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	144319	64.375	ng	0.02
7) Phenol-d6	7.395	99	106122	35.560	ng	0.00
23) Nitrobenzene-d5	9.428	82	261218	85.330	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	223933	120.612	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	647153	73.531	ng	0.00
79) Terphenyl-d14	20.204	244	726252	51.887	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	7.642	93	11087	2.958	ng	# 1
9) Benzaldehyde	7.395	77	242240	119.523	ng	# 1
11) bis(2-Chloroethyl)ether	7.642	93	11087	4.330	ng	# 1
15) Benzyl Alcohol	8.376	79	229281	94.535	ng	# 7
18) Hexachloroethane	9.369	117	168628	160.908	ng	# 1
20) 3+4-Methylphenols	9.011	107	13294	4.012	ng	97
22) Acetophenone	9.064	105	223813	53.233	ng	# 59
24) Nitrobenzene	9.452	77	28476	8.906	ng	# 1
27) 2,4-Dimethylphenol	10.233	122	57893	25.770	ng	96
28) bis(2-Chloroethoxy)met...	10.497	93	13070	4.197	ng	# 91
31) Naphthalene	11.150	128	3442495	393.573	ng	# 92
33) 4-Chloroaniline	11.150	127	548245	151.946	ng	# 34
37) 2-Methylnaphthalene	12.724	142	666810	101.817	ng	99
38) 1-Methylnaphthalene	12.942	142	360384	56.684	ng	100
48) 2-Nitroaniline	13.917	65	19760	8.048	ng	# 27
67) 4-Bromophenyl-phenylether	16.355	248	14571	4.596	ng	# 1

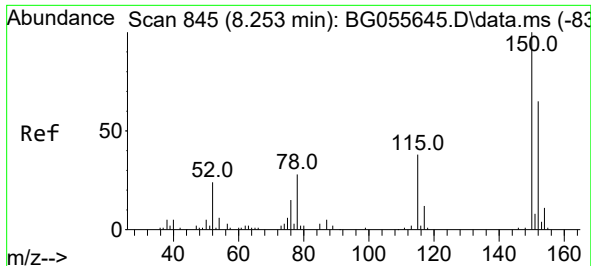
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
Data File : BG055665.D
Acq On : 17 Nov 2022 14:22
Operator : CG/JU
Sample : N5497-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-08

Quant Time: Nov 18 03:14:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

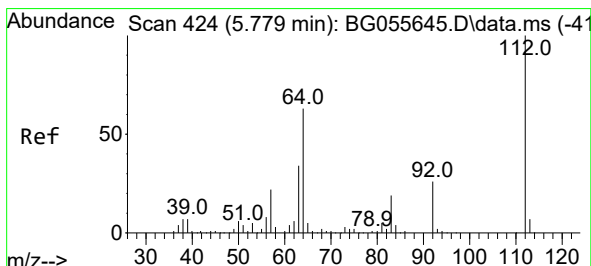
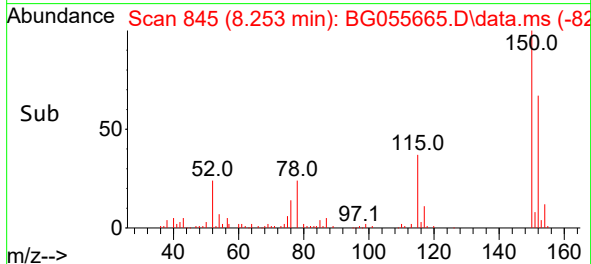
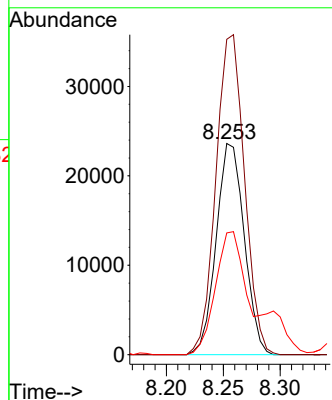
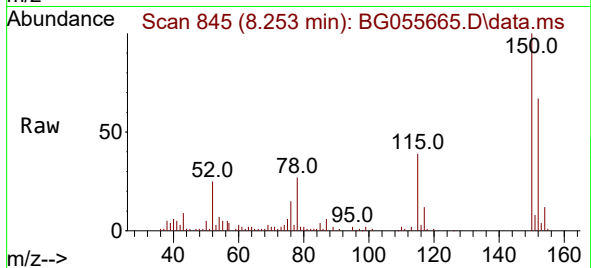




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 845
Delta R.T. -0.000 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

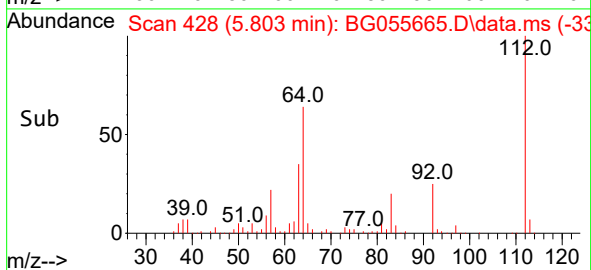
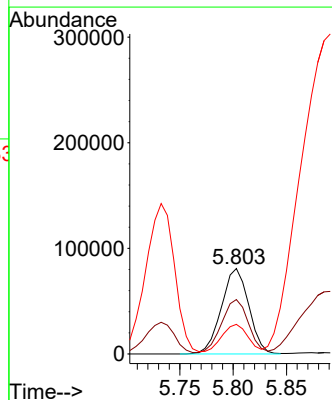
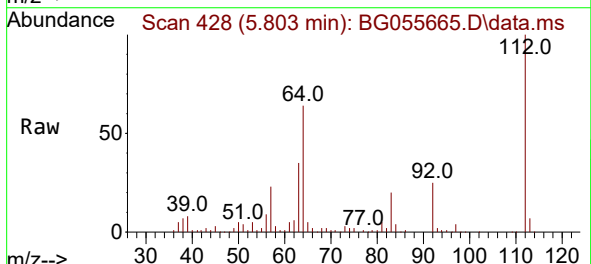
Instrument :
BNA_G
ClientSampleId :
MW-08

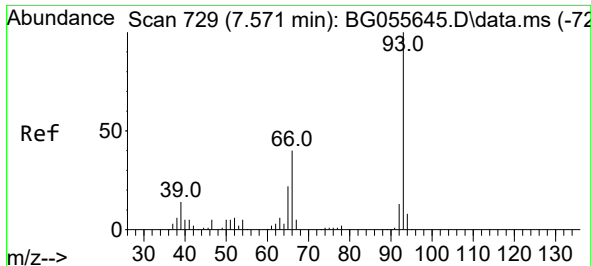
Tgt Ion:152 Resp: 40522
Ion Ratio Lower Upper
152 100
150 149.3 123.0 184.6
115 57.6 47.0 70.4



#5
2-Fluorophenol
Concen: 64.375 ng
RT: 5.803 min Scan# 428
Delta R.T. 0.024 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Tgt Ion:112 Resp: 144319
Ion Ratio Lower Upper
112 100
64 63.6 50.6 76.0
63 34.6 27.5 41.3





#6

Aniline

Concen: 2.958 ng

RT: 7.642 min Scan# 741

Delta R.T. 0.071 min

Lab File: BG055665.D

Acq: 17 Nov 2022 14:22

Instrument :

BNA_G

ClientSampleId :

MW-08

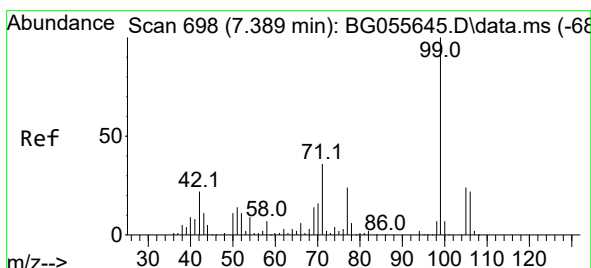
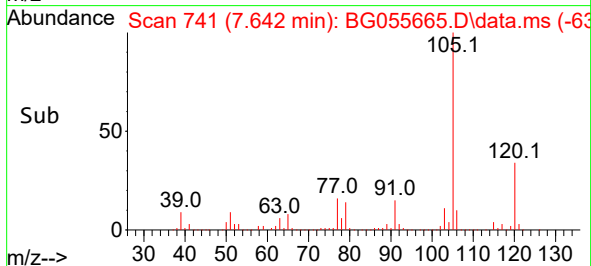
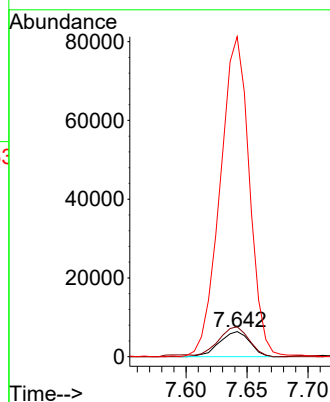
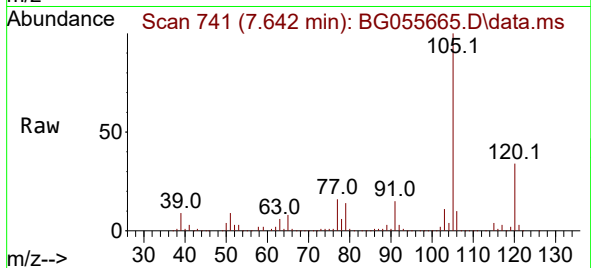
Tgt Ion: 93 Resp: 11087

Ion Ratio Lower Upper

93 100

66 119.2 31.7 47.5#

65 1276.5 17.9 26.9#



#7

Phenol-d6

Concen: 35.560 ng

RT: 7.395 min Scan# 699

Delta R.T. 0.006 min

Lab File: BG055665.D

Acq: 17 Nov 2022 14:22

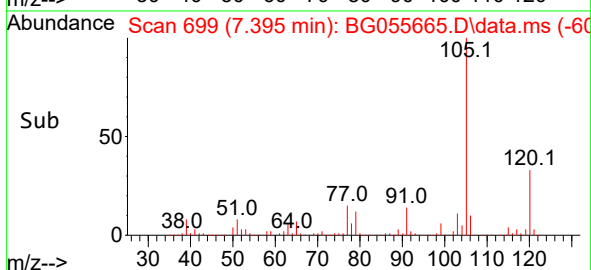
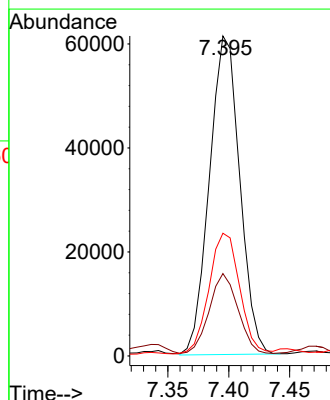
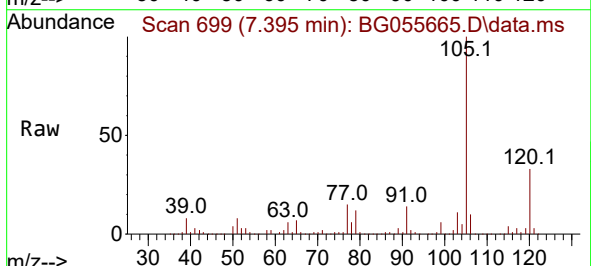
Tgt Ion: 99 Resp: 106122

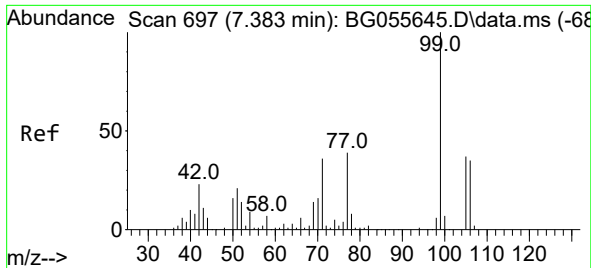
Ion Ratio Lower Upper

99 100

42 25.8 18.0 27.0

71 38.4 29.0 43.6

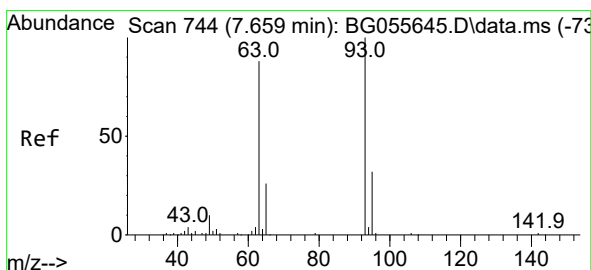
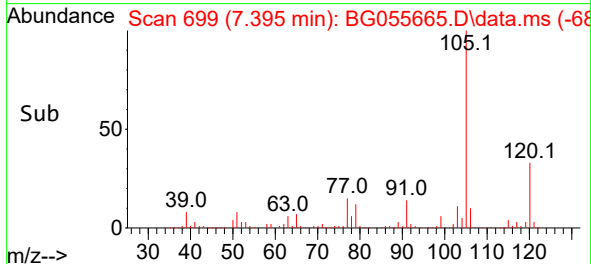
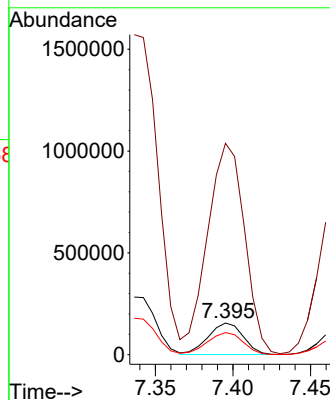
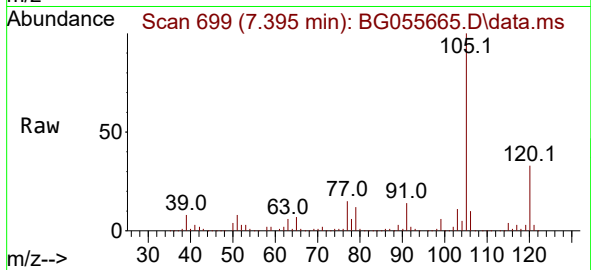




#9
Benzaldehyde
Concen: 119.523 ng
RT: 7.395 min Scan# 697
Delta R.T. 0.012 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

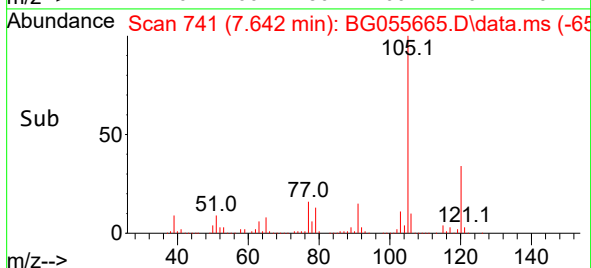
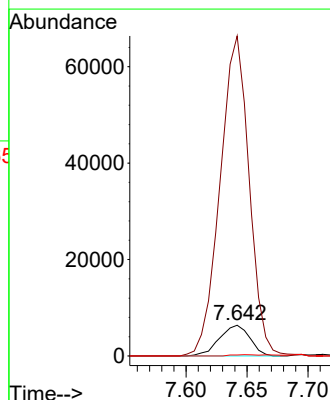
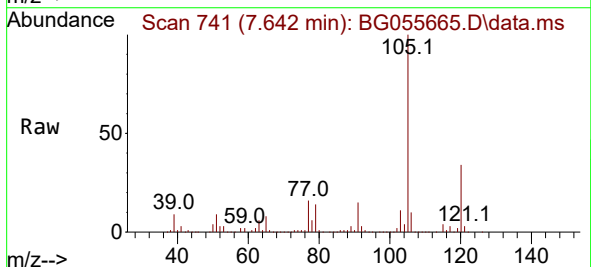
Instrument :
BNA_G
ClientSampleId :
MW-08

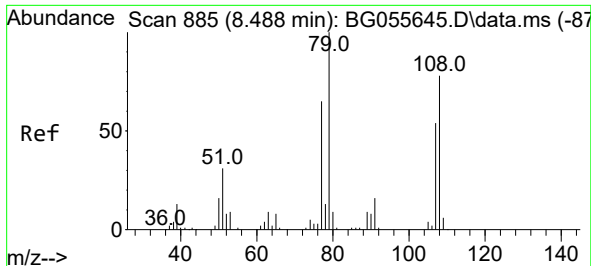
Tgt Ion: 77 Resp: 242240
Ion Ratio Lower Upper
77 100
105 666.3 76.3 116.3#
106 69.7 69.8 109.8#



#11
bis(2-Chloroethyl)ether
Concen: 4.330 ng
RT: 7.642 min Scan# 741
Delta R.T. -0.017 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Tgt Ion: 93 Resp: 11087
Ion Ratio Lower Upper
93 100
63 1042.7 67.6 107.6#
95 3.3 11.8 51.8#

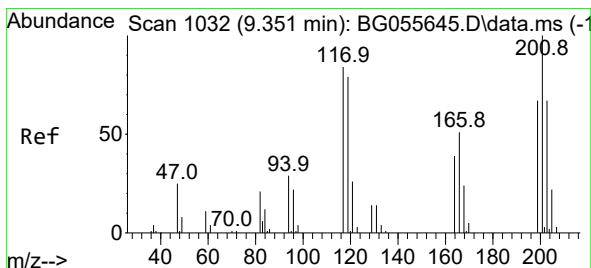
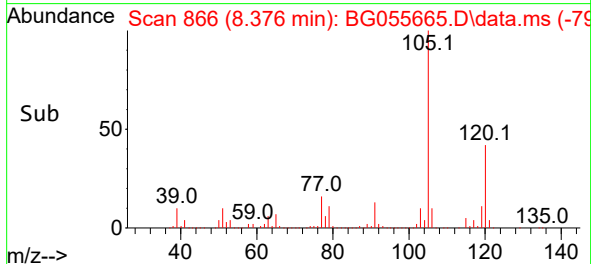
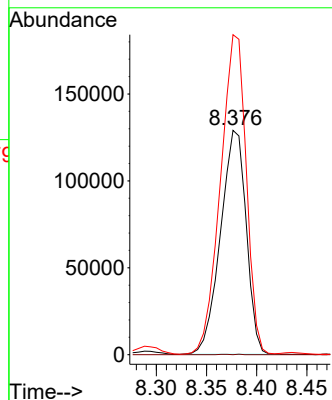
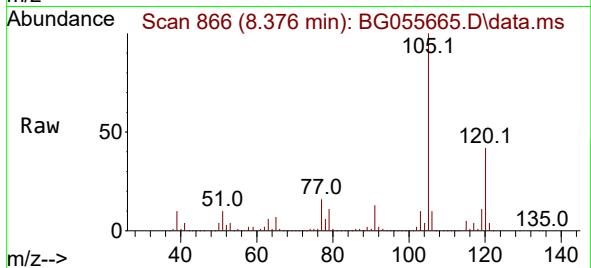




#15
Benzyl Alcohol
Concen: 94.535 ng
RT: 8.376 min Scan# 80
Delta R.T. -0.111 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

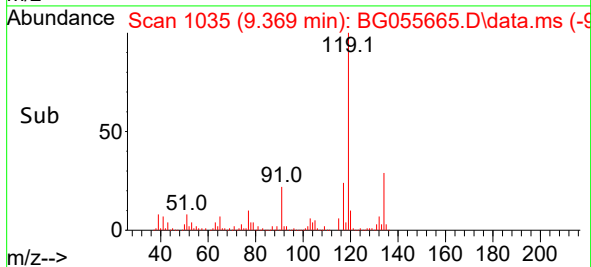
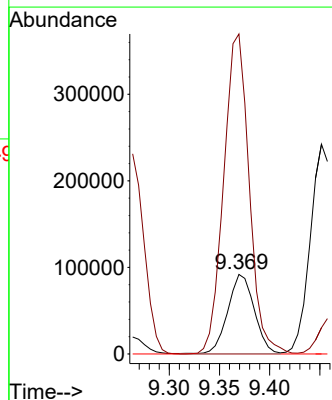
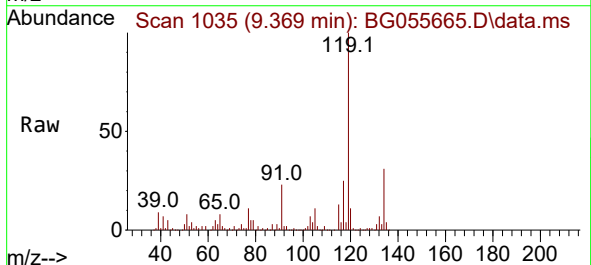
Instrument :
BNA_G
ClientSampleId :
MW-08

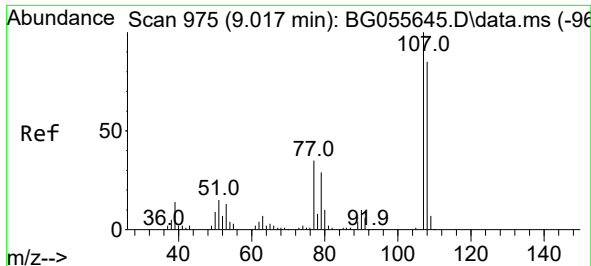
Tgt Ion: 79 Resp: 229281
Ion Ratio Lower Upper
79 100
108 0.0 62.6 93.8#
77 142.6 52.4 78.6#



#18
Hexachloroethane
Concen: 160.908 ng
RT: 9.369 min Scan# 1035
Delta R.T. 0.018 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Tgt Ion: 117 Resp: 168628
Ion Ratio Lower Upper
117 100
119 402.3 76.0 114.0#
201 0.0 98.6 148.0#



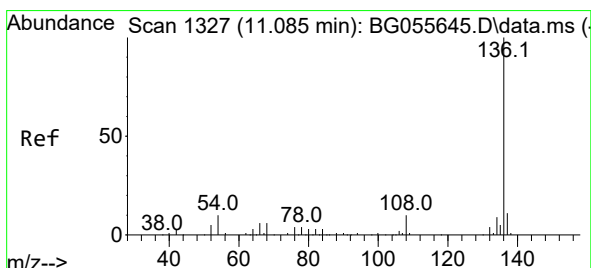
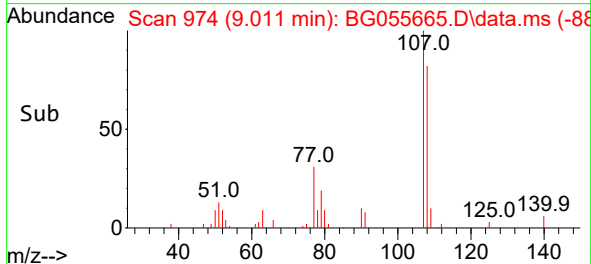
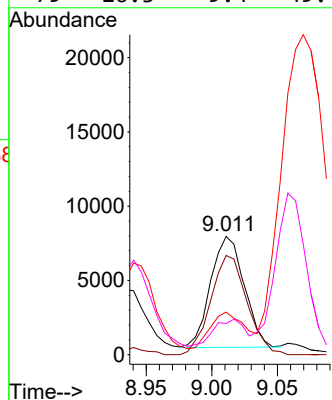
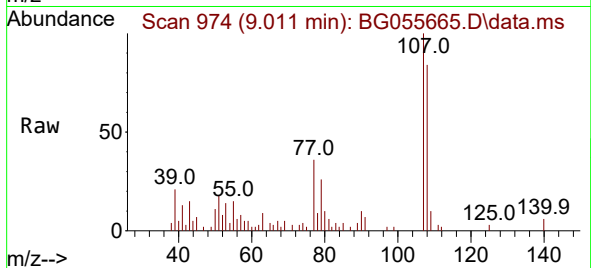


#20
3+4-Methylphenols
Concen: 4.012 ng
RT: 9.011 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:107 Resp: 13294

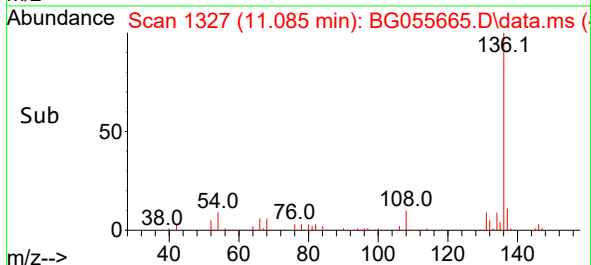
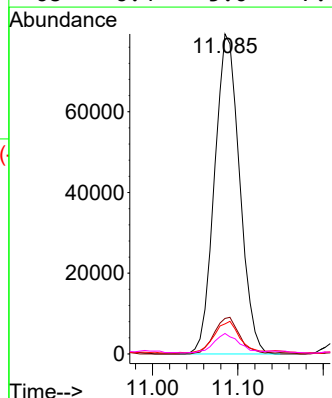
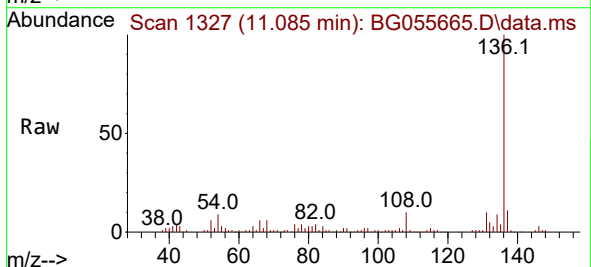
Ion	Ratio	Lower	Upper
107	100		
108	83.8	65.5	105.5
77	36.0	14.6	54.6
79	26.3	9.4	49.4

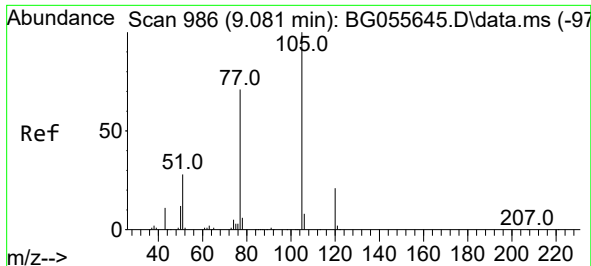


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Tgt Ion:136 Resp: 161802

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.4	7.8	11.6
68	6.4	5.0	7.4

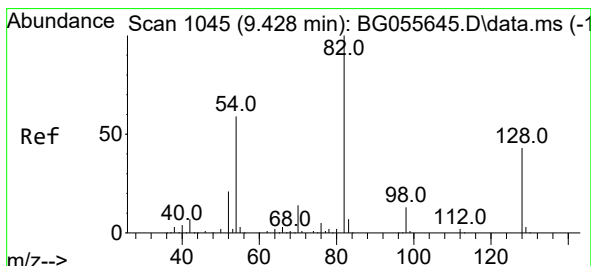
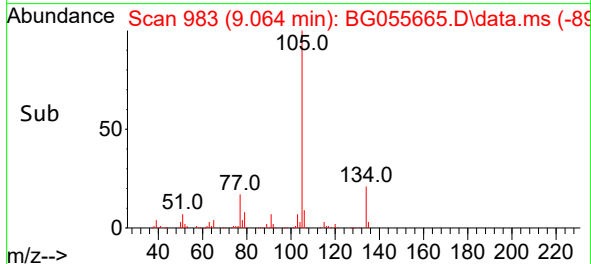
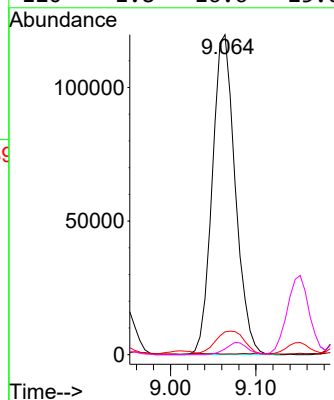
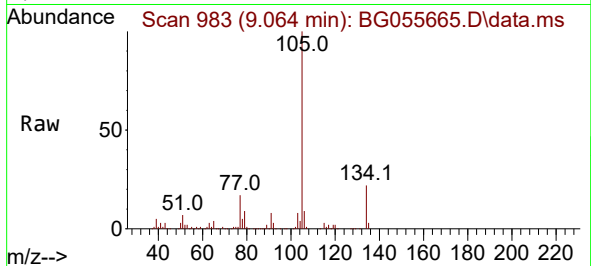




#22
Acetophenone
Concen: 53.233 ng
RT: 9.064 min Scan# 91
Delta R.T. -0.017 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

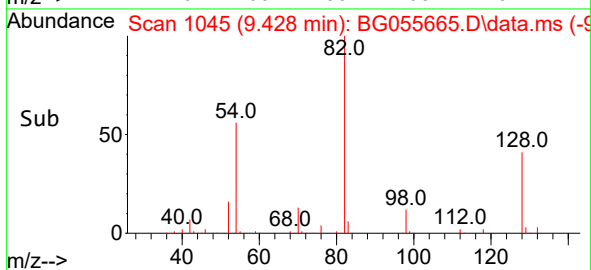
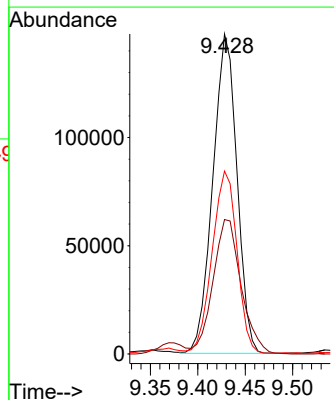
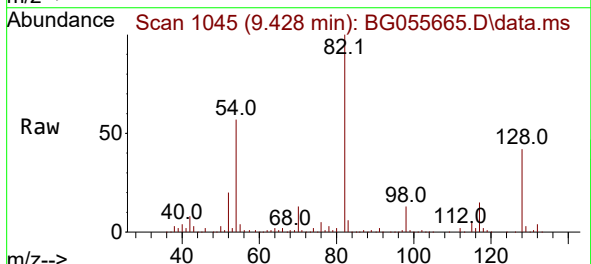
Instrument :
BNA_G
ClientSampleId :
MW-08

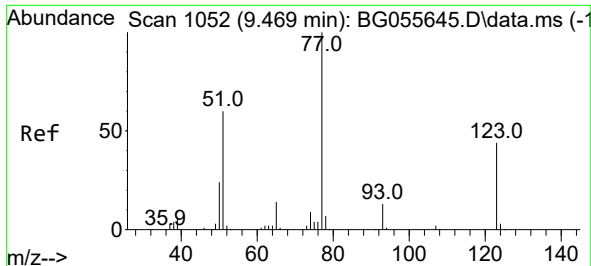
Tgt Ion:105 Resp: 223813
Ion Ratio Lower Upper
105 100
71 0.2 0.6 1.0#
51 7.2 24.5 36.7#
120 1.8 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 85.330 ng
RT: 9.428 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Tgt Ion: 82 Resp: 261218
Ion Ratio Lower Upper
82 100
128 42.0 34.1 51.1
54 57.2 47.3 70.9

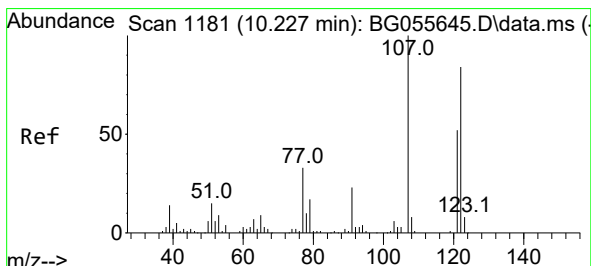
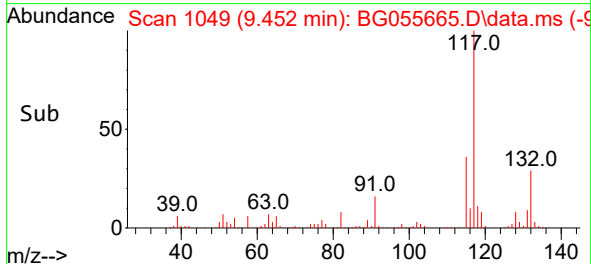
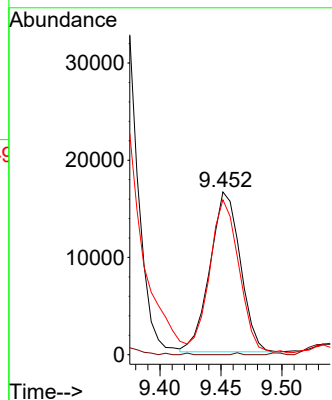
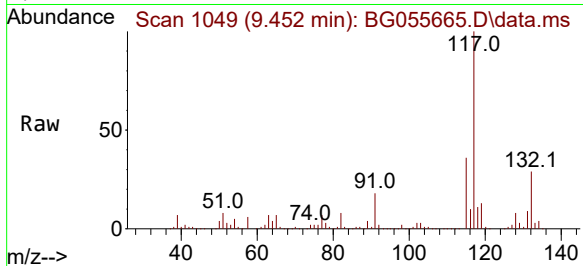




#24
Nitrobenzene
Concen: 8.906 ng
RT: 9.452 min Scan# 1049
Delta R.T. -0.017 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

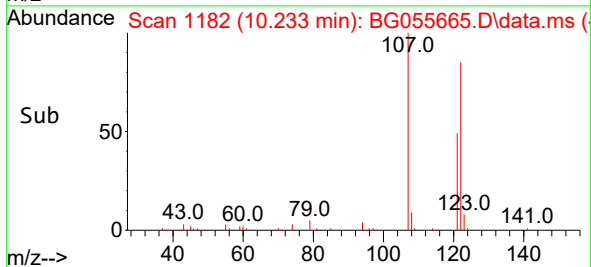
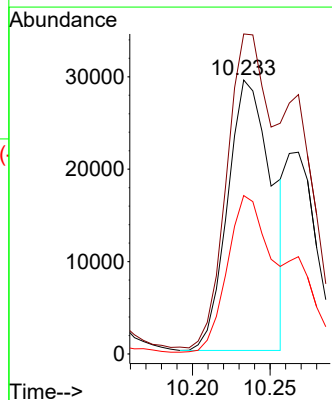
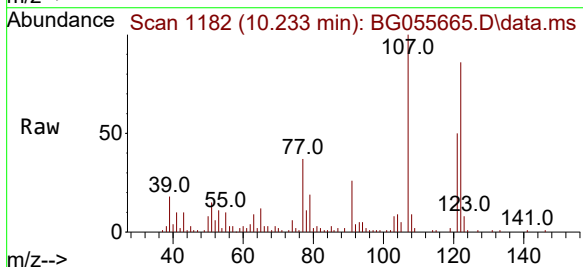
Instrument :
BNA_G
ClientSampleId :
MW-08

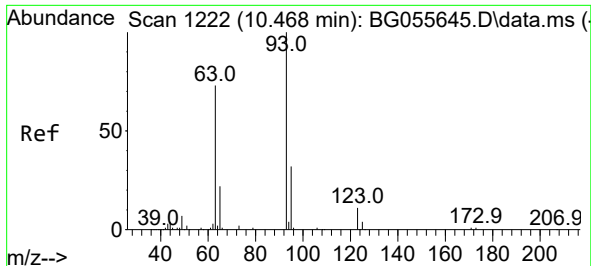
Tgt Ion: 77 Resp: 28476
Ion Ratio Lower Upper
77 100
123 0.0 35.5 53.3#
65 95.2 11.5 17.3#



#27
2,4-Dimethylphenol
Concen: 25.770 ng
RT: 10.233 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Tgt Ion:122 Resp: 57893
Ion Ratio Lower Upper
122 100
107 116.8 95.8 143.6
121 57.9 49.6 74.4

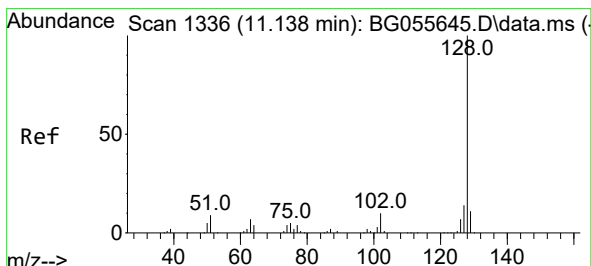
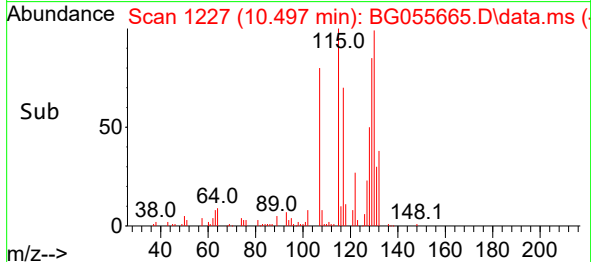
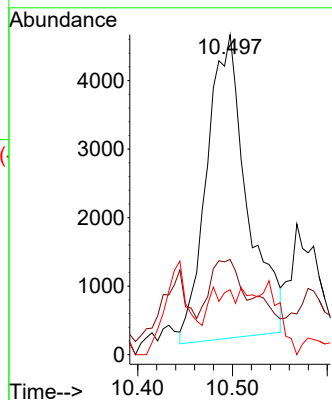
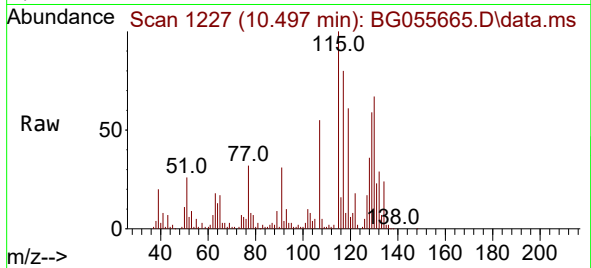




#28
bis(2-Chloroethoxy)methane
Concen: 4.197 ng
RT: 10.497 min Scan# 11
Delta R.T. 0.030 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

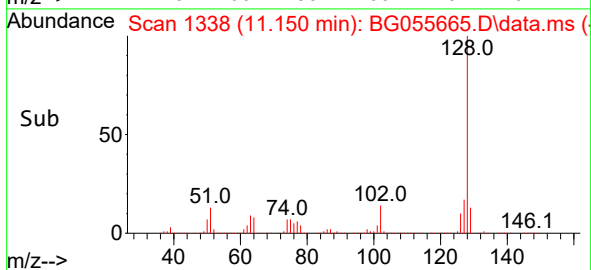
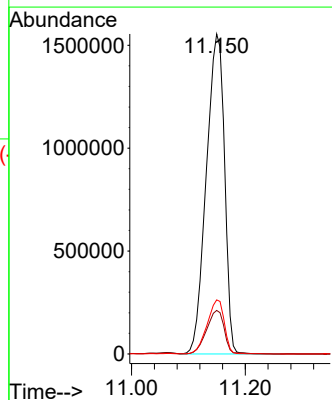
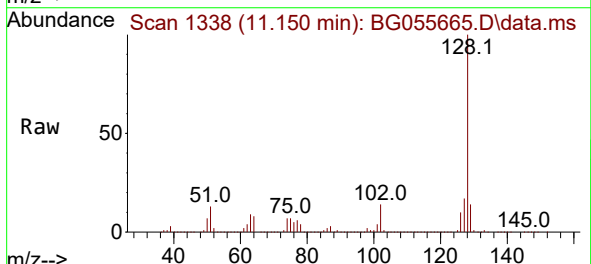
Instrument :
BNA_G
ClientSampleId :
MW-08

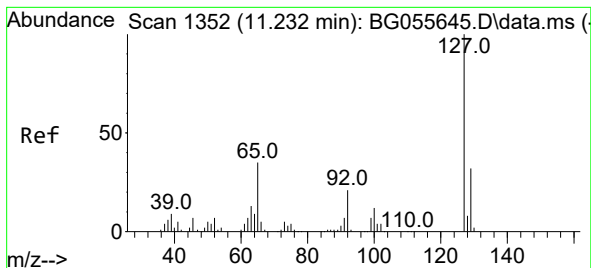
Tgt Ion: 93 Resp: 13070
Ion Ratio Lower Upper
93 100
95 29.7 25.7 38.5
123 20.3 8.9 13.3#



#31
Naphthalene
Concen: 393.573 ng
RT: 11.150 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Tgt Ion:128 Resp: 3442495
Ion Ratio Lower Upper
128 100
129 13.6 8.7 13.1#
127 16.9 10.9 16.3#

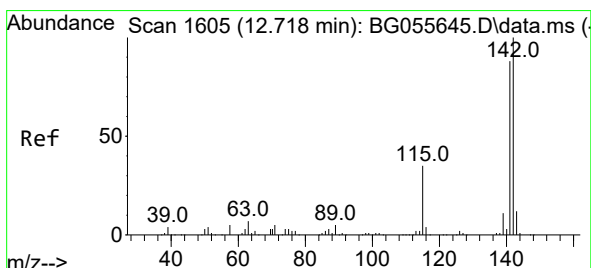
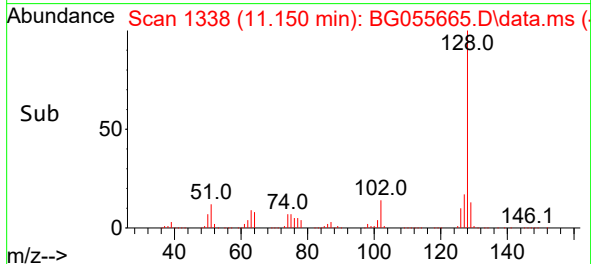
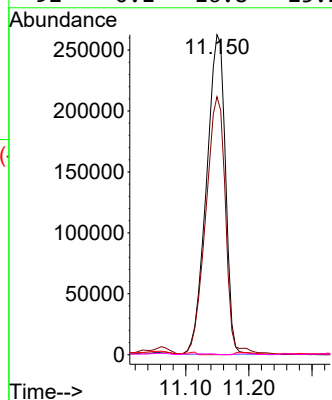
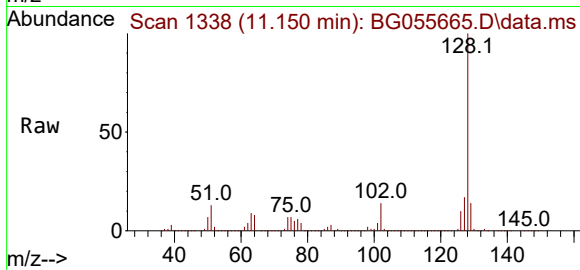




#33
4-Chloroaniline
Concen: 151.946 ng
RT: 11.150 min Scan# 11
Delta R.T. -0.082 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

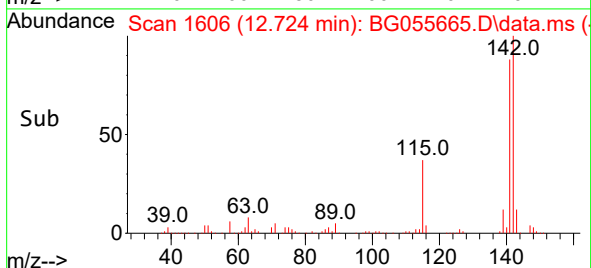
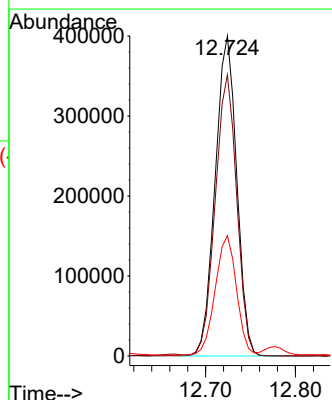
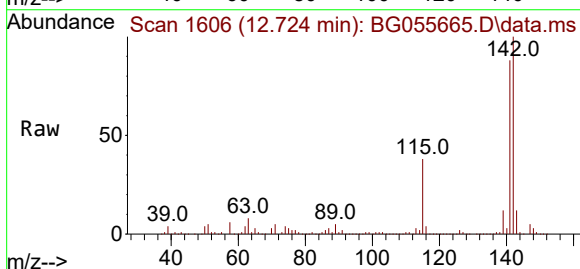
Instrument :
BNA_G
ClientSampleId :
MW-08

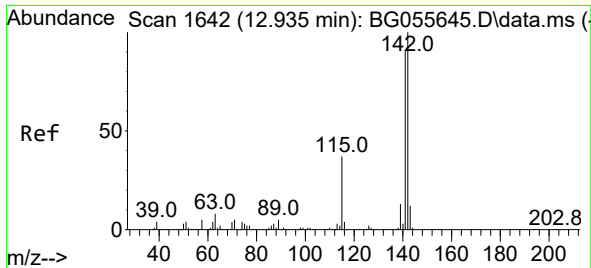
Tgt Ion:127 Resp: 548245
Ion Ratio Lower Upper
127 100
129 80.6 25.9 38.9#
65 0.0 27.9 41.9#
92 0.1 16.8 25.2#



#37
2-Methylnaphthalene
Concen: 101.817 ng
RT: 12.724 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Tgt Ion:142 Resp: 666810
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5
115 37.6 27.9 41.9

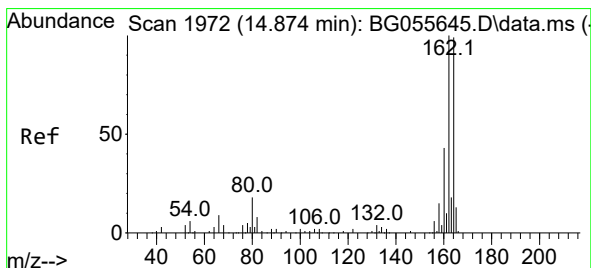
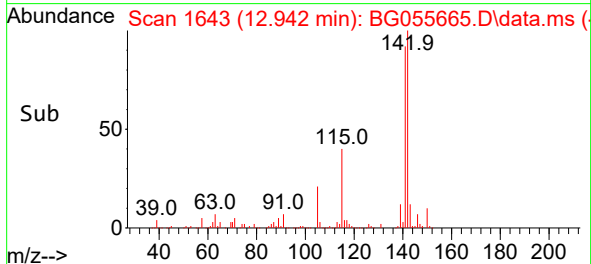
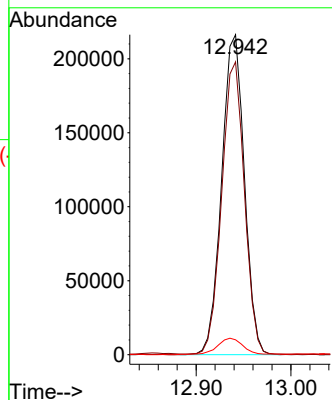
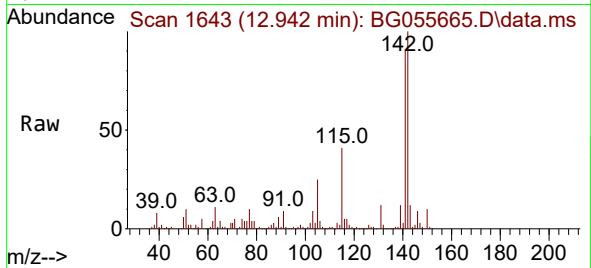




#38
1-Methylnaphthalene
Concen: 56.684 ng
RT: 12.942 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

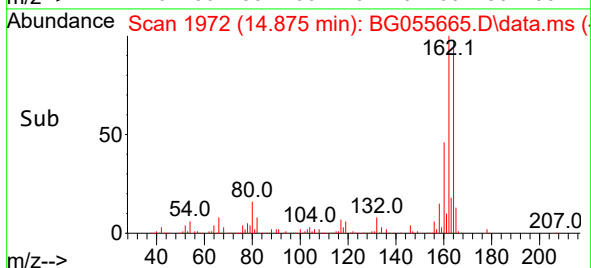
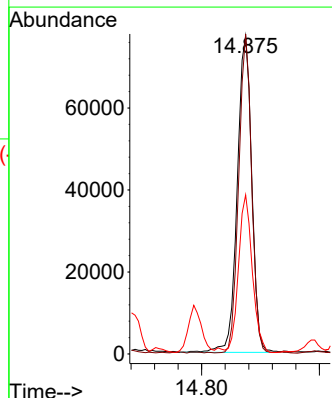
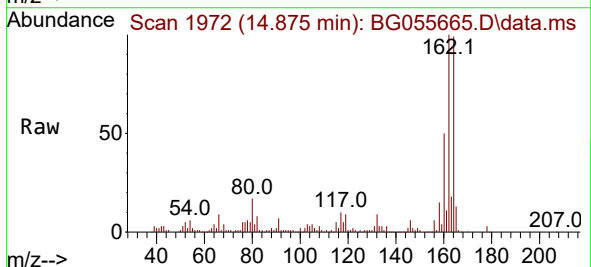
Instrument :
BNA_G
ClientSampleId :
MW-08

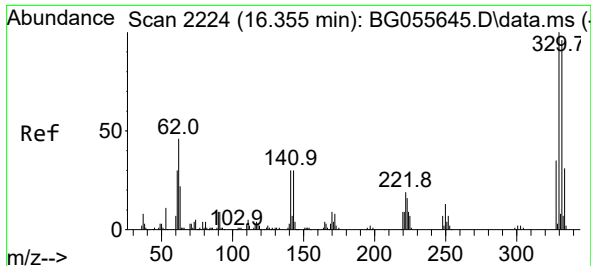
Tgt Ion:142 Resp: 360384
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4
116 4.6 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Tgt Ion:164 Resp: 131852
Ion Ratio Lower Upper
164 100
162 100.7 81.1 121.7
160 50.0 34.8 52.2

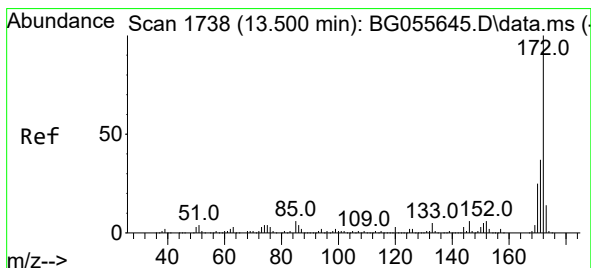
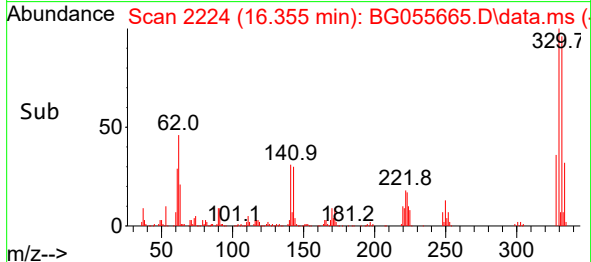
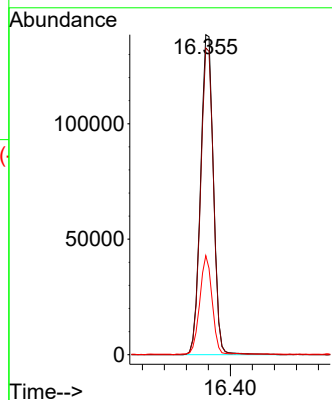
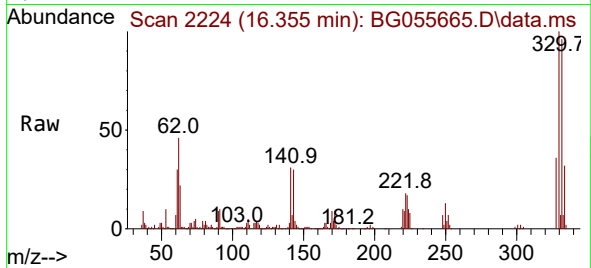




#42
2,4,6-Tribromophenol
Concen: 120.612 ng
RT: 16.355 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

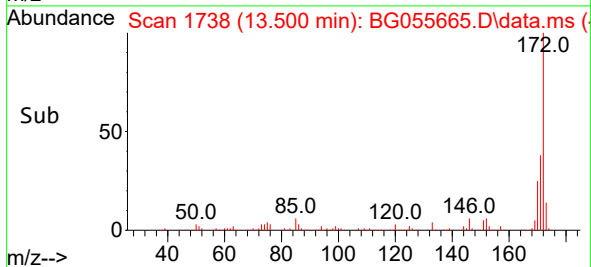
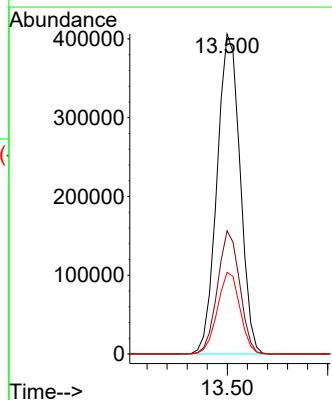
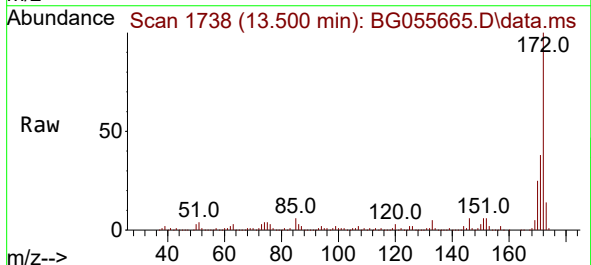
Instrument :
BNA_G
ClientSampleId :
MW-08

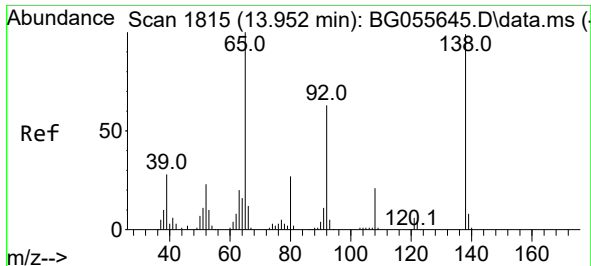
Tgt Ion:330 Resp: 223933
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 30.0 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 73.531 ng
RT: 13.500 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Tgt Ion:172 Resp: 647153
Ion Ratio Lower Upper
172 100
171 38.5 29.8 44.6
170 25.5 20.2 30.4

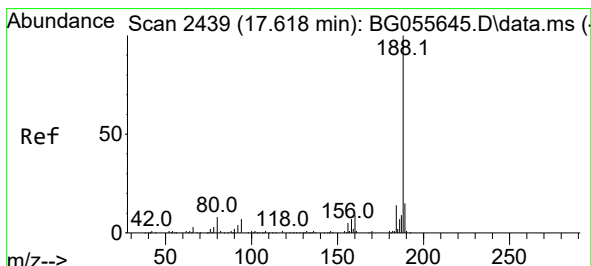
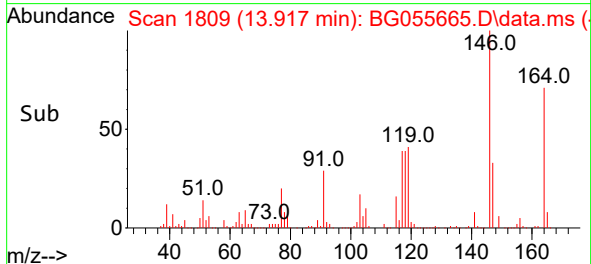
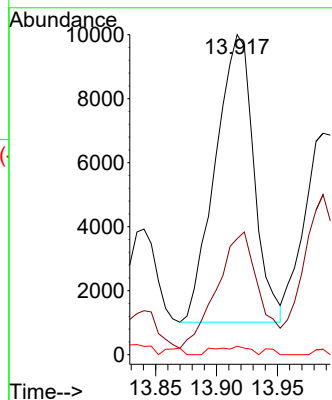
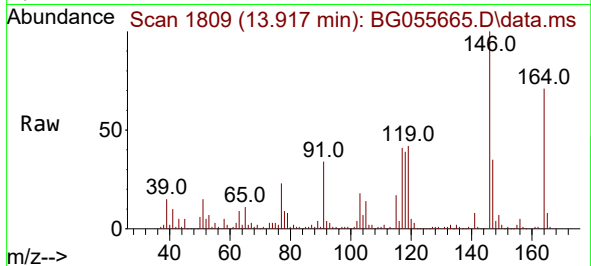




#48
2-Nitroaniline
Concen: 8.048 ng
RT: 13.917 min Scan# 1809
Delta R.T. -0.035 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

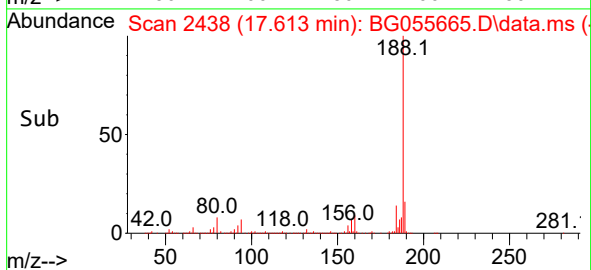
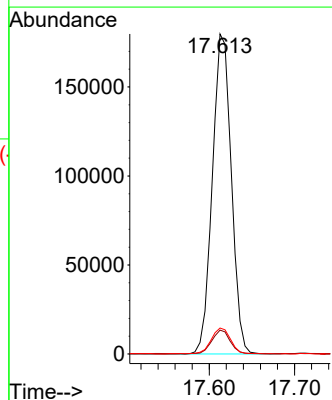
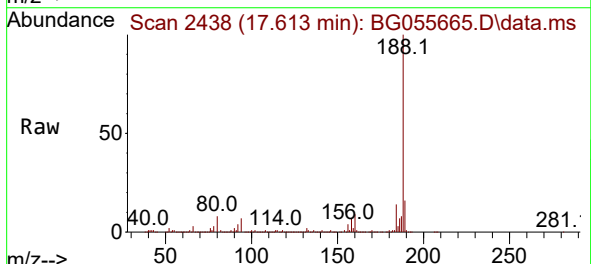
Instrument :
BNA_G
ClientSampleId :
MW-08

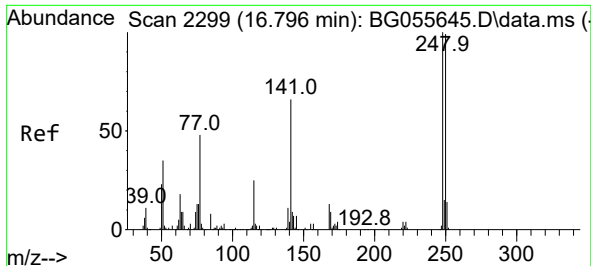
Tgt Ion: 65 Resp: 19760
Ion Ratio Lower Upper
65 100
92 36.3 50.1 75.1#
138 2.7 79.4 119.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Tgt Ion:188 Resp: 278246
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.2
80 8.1 6.6 10.0

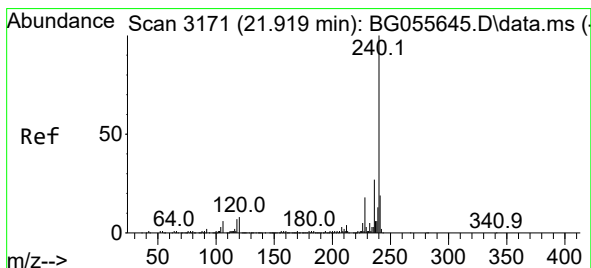
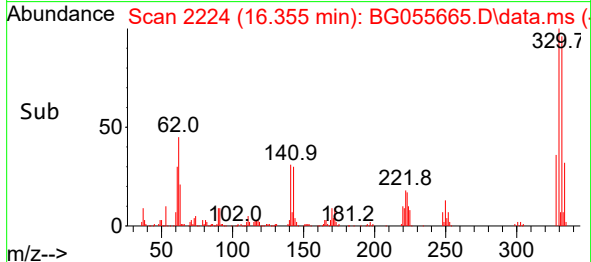
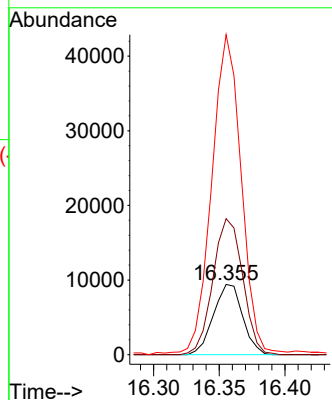
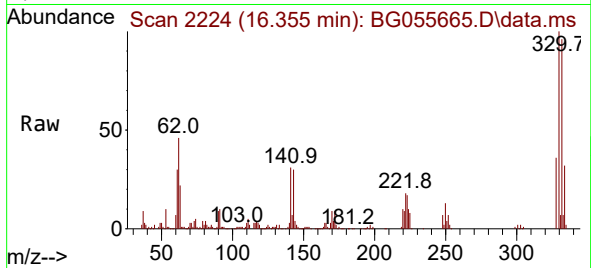




#67
4-Bromophenyl-phenylether
Concen: 4.596 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

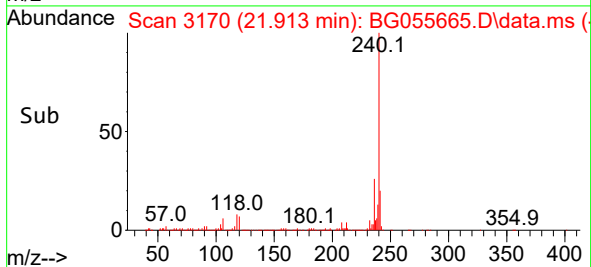
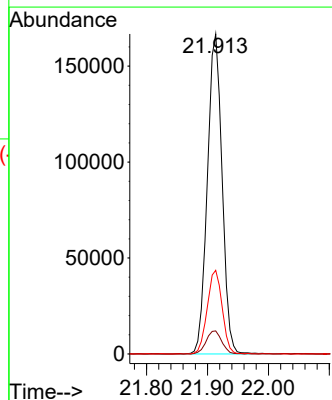
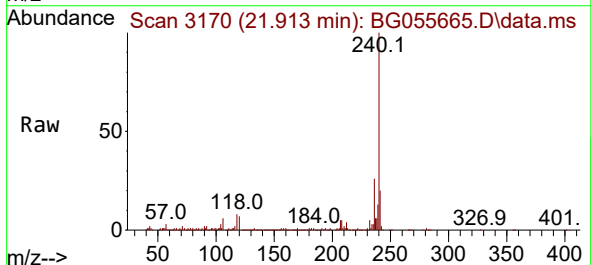
Instrument :
BNA_G
ClientSampleId :
MW-08

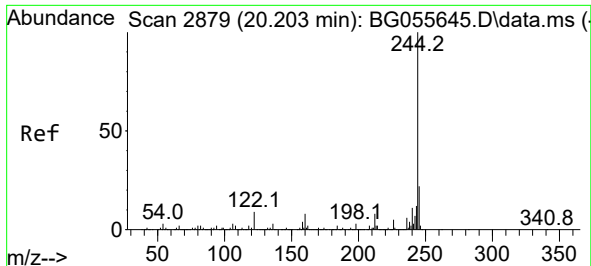
Tgt Ion:248 Resp: 14571
Ion Ratio Lower Upper
248 100
250 193.6 79.0 118.4#
141 455.8 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3170
Delta R.T. -0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Tgt Ion:240 Resp: 279953
Ion Ratio Lower Upper
240 100
120 7.2 6.3 9.5
236 26.1 21.9 32.9

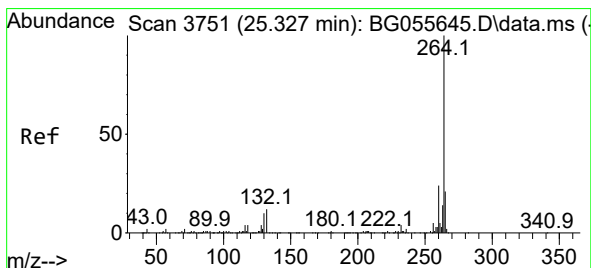
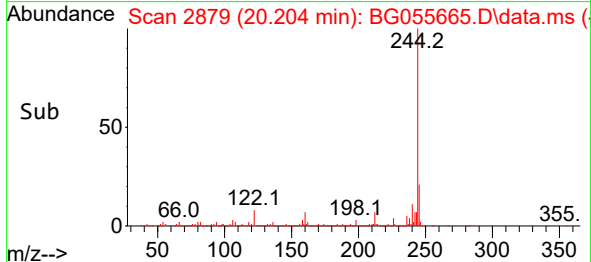
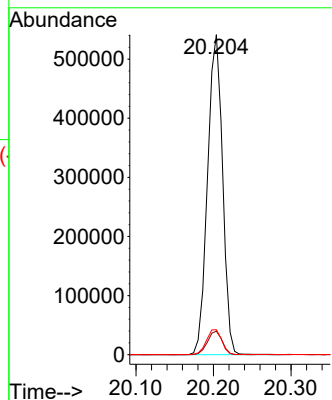
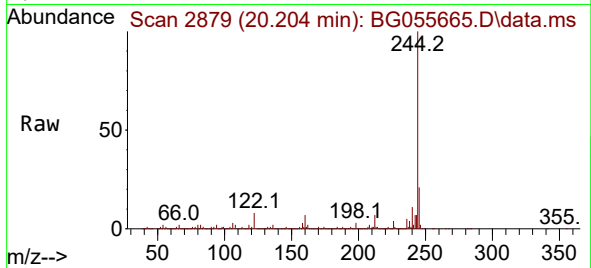




#79
 Terphenyl-d14
 Concen: 51.887 ng
 RT: 20.204 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055665.D
 Acq: 17 Nov 2022 14:22

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Tgt Ion:244 Resp: 726252
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 7.8 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.321 min Scan# 3750
 Delta R.T. -0.006 min
 Lab File: BG055665.D
 Acq: 17 Nov 2022 14:22

Tgt Ion:264 Resp: 285549
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 22.4 17.1 25.7

