

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056665.D
 Acq On : 17 Feb 2023 21:13
 Operator : CG/JU
 Sample : 01572-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200028

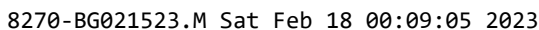
Quant Time: Feb 18 00:08:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

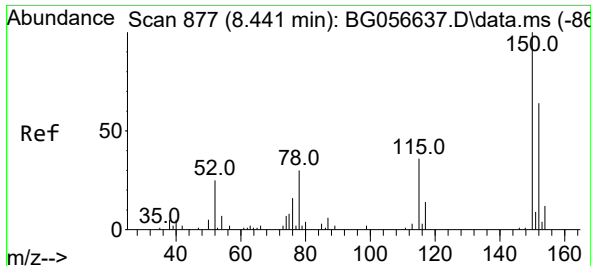
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.432	152	15239	20.000	ng	0.00
21) Naphthalene-d8	11.270	136	56493	20.000	ng	0.00
39) Acenaphthene-d10	15.036	164	41724	20.000	ng	0.00
64) Phenanthrene-d10	17.768	188	114715	20.000	ng	0.00
76) Chrysene-d12	22.087	240	124862	20.000	ng	-0.01
86) Perylene-d12	25.624	264	131482	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.941	112	133225	142.245	ng	0.00
7) Phenol-d6	7.551	99	161205	116.521	ng	0.00
23) Nitrobenzene-d5	9.607	82	115470	104.654	ng	0.00
42) 2,4,6-Tribromophenol	16.511	330	91215	159.675	ng	0.00
45) 2-Fluorobiphenyl	13.667	172	301254	96.682	ng	0.00
79) Terphenyl-d14	20.342	244	756230	99.092	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.607	70	15678	15.137	ng	# 78
24) Nitrobenzene	9.613	77	286	2.898	ng	# 43
48) 2-Nitroaniline	13.661	65	478	5.831	ng	# 1
51) 2,6-Dinitrotoluene	15.036	165	5393	10.213	ng	# 21
57) 2,4-Dinitrotoluene	15.036	165	5393	6.411	ng	# 24
67) 4-Bromophenyl-phenylether	16.511	248	6595	4.478	ng	# 1
77) Benzidine	20.342	184	12575	4.211	ng	# 89

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

Quant Time: Feb 18 00:08:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:33:33 2023
Response via : Initial Calibration

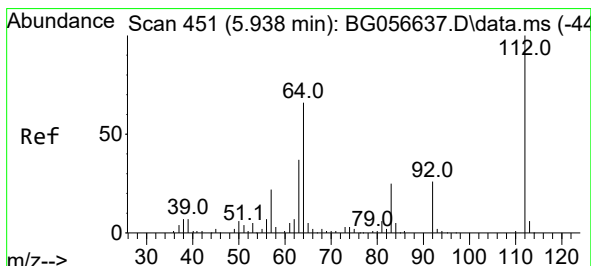
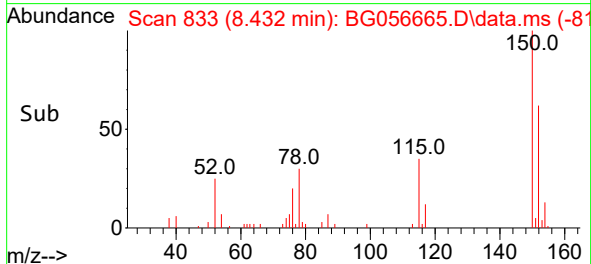
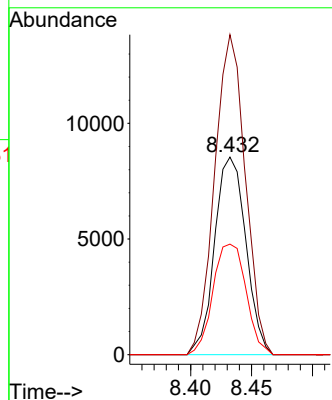
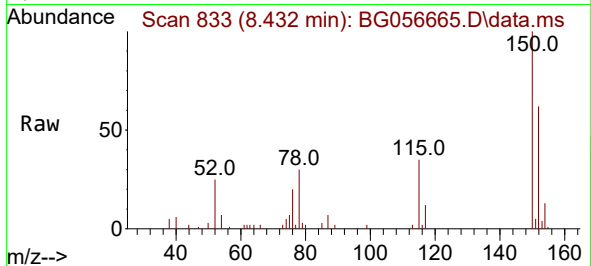




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.432 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

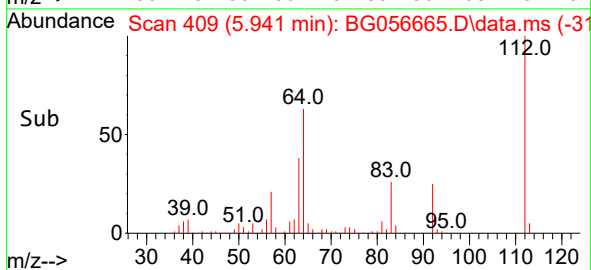
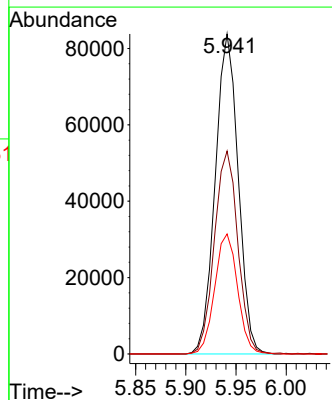
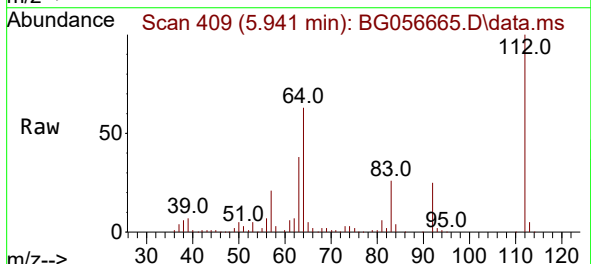
Instrument :
BNA_G
ClientSampleId :
RBR-200028

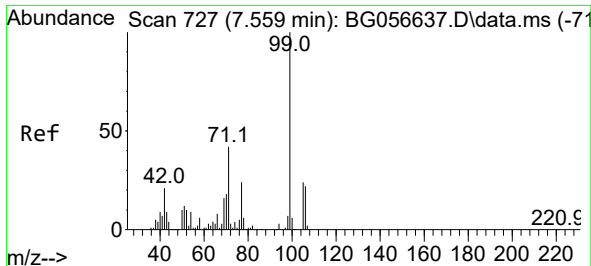
Tgt Ion:152 Resp: 15239
Ion Ratio Lower Upper
152 100
150 161.9 124.8 187.2
115 56.0 44.7 67.1



#5
2-Fluorophenol
Concen: 142.245 ng
RT: 5.941 min Scan# 409
Delta R.T. 0.003 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

Tgt Ion:112 Resp: 133225
Ion Ratio Lower Upper
112 100
64 63.4 52.6 78.8
63 37.5 29.8 44.6

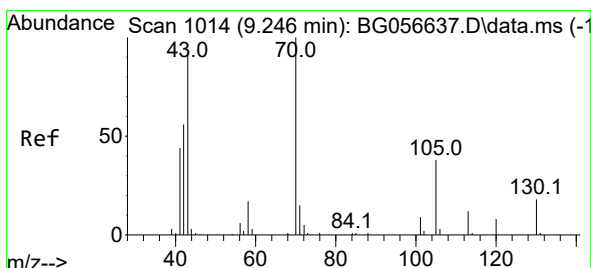
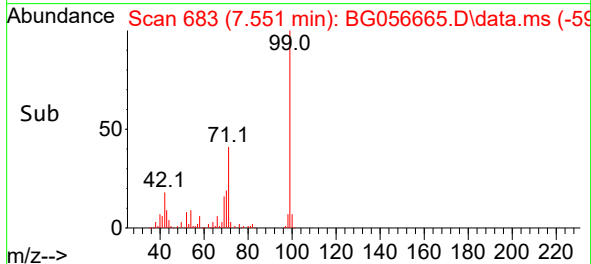
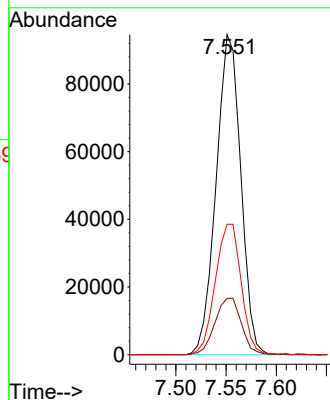
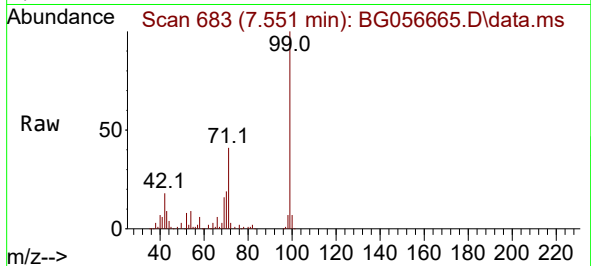




#7
Phenol-d6
Concen: 116.521 ng
RT: 7.551 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

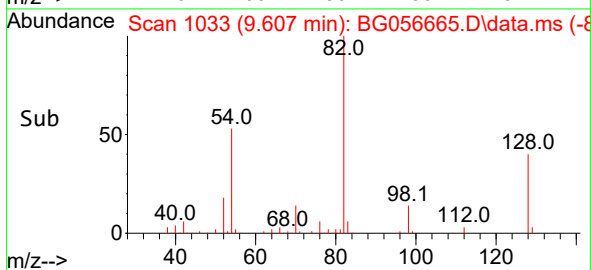
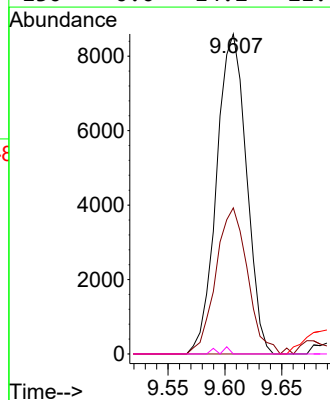
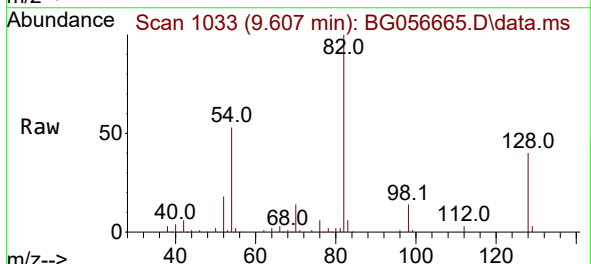
Instrument :
BNA_G
ClientSampleId :
RBR-200028

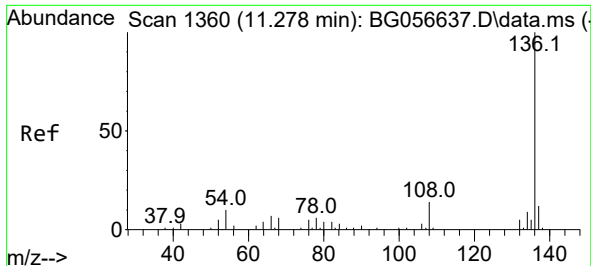
Tgt Ion: 99 Resp: 161205
Ion Ratio Lower Upper
99 100
42 17.6 16.8 25.2
71 40.8 33.9 50.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.137 ng
RT: 9.607 min Scan# 1033
Delta R.T. 0.362 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

Tgt Ion: 70 Resp: 15678
Ion Ratio Lower Upper
70 100
42 45.7 45.7 68.5#
101 0.0 7.4 11.0#
130 0.0 14.2 21.4#

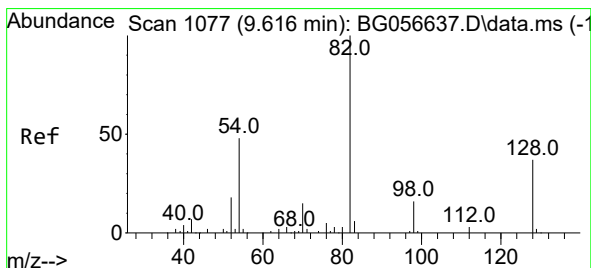
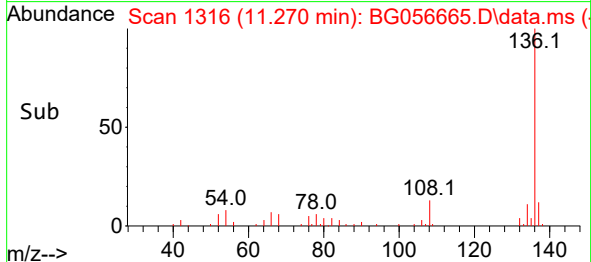
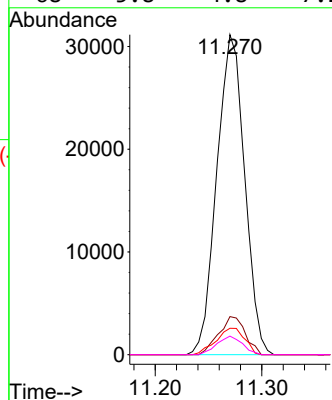
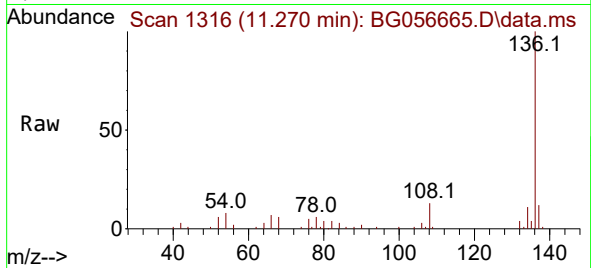




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.270 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

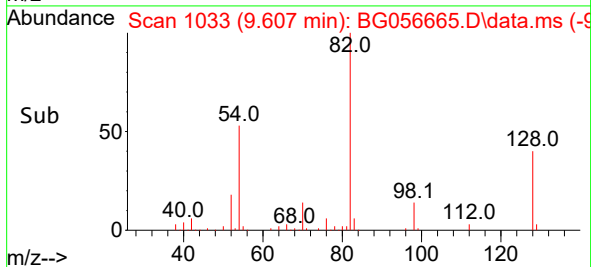
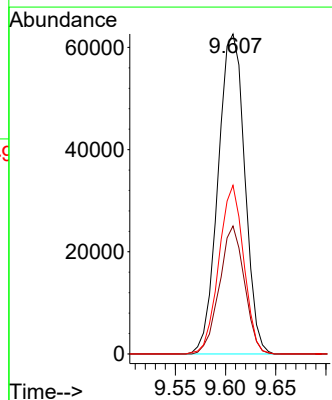
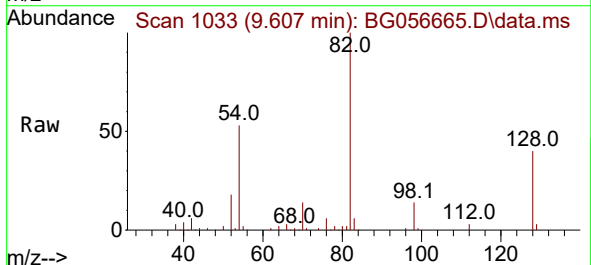
Instrument :
BNA_G
ClientSampleId :
RBR-200028

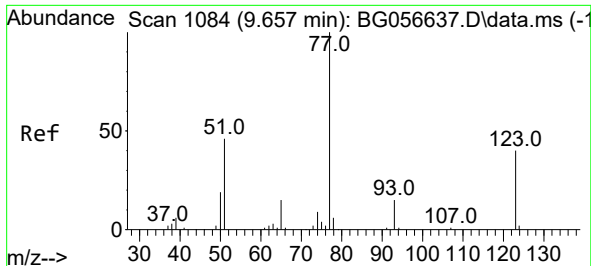
Tgt Ion:	136	Resp:	56493
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.7	14.5
54	8.2	7.7	11.5
68	5.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 104.654 ng
RT: 9.607 min Scan# 1033
Delta R.T. -0.009 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

Tgt Ion:	82	Resp:	115470
Ion Ratio	Lower	Upper	
82	100		
128	40.0	29.4	44.2
54	52.7	37.8	56.6

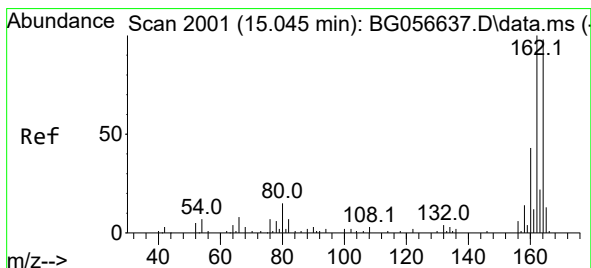
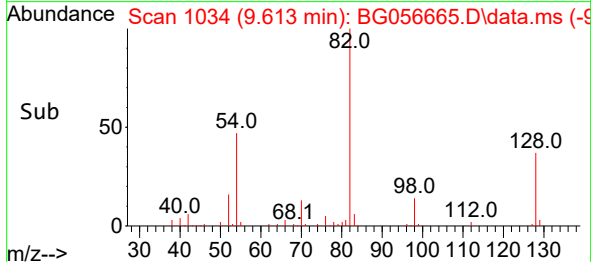
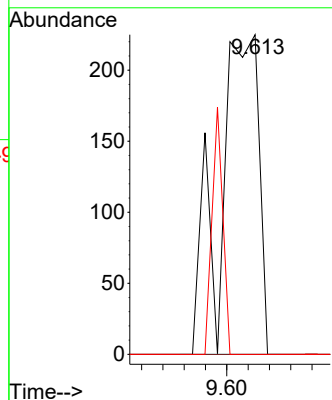
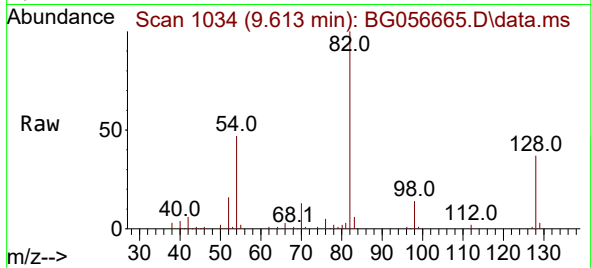




#24
Nitrobenzene
Concen: 2.898 ng
RT: 9.613 min Scan# 1084
Delta R.T. -0.044 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

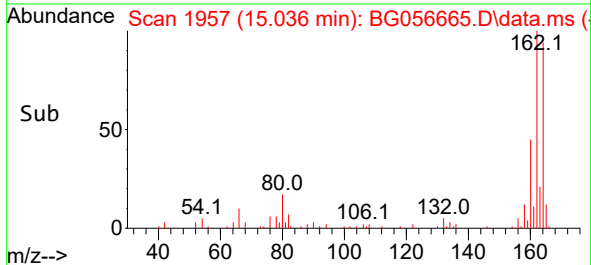
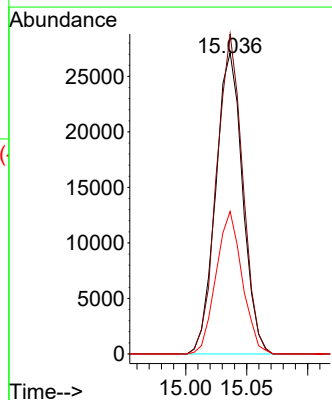
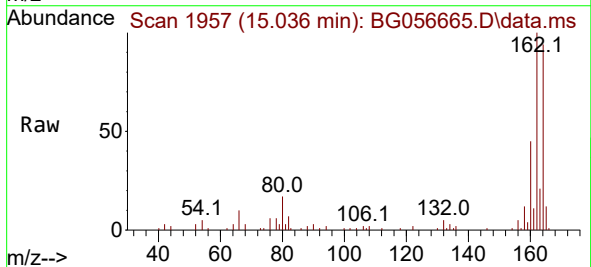
Instrument :
BNA_G
ClientSampleId :
RBR-200028

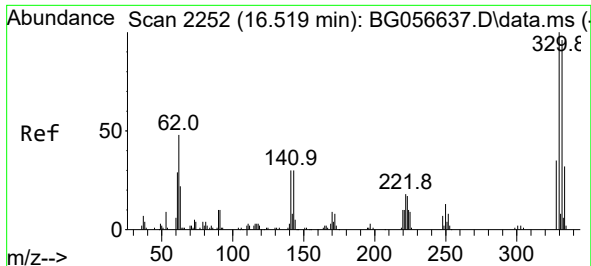
Tgt Ion: 77 Resp: 286
Ion Ratio Lower Upper
77 100
123 0.0 31.8 47.8#
65 0.0 12.0 18.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.036 min Scan# 1957
Delta R.T. -0.008 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

Tgt Ion:164 Resp: 41724
Ion Ratio Lower Upper
164 100
162 106.2 81.3 121.9
160 47.3 35.2 52.8

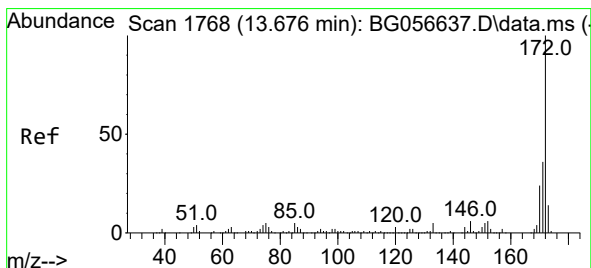
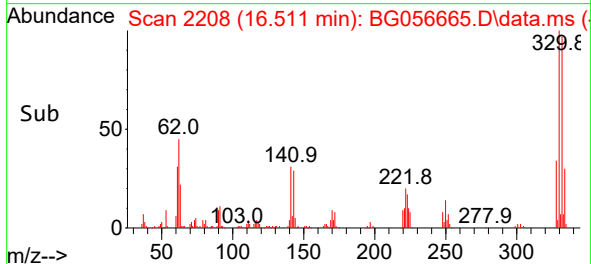
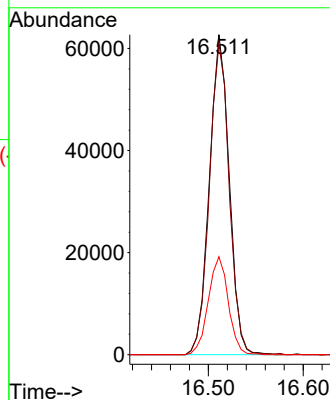
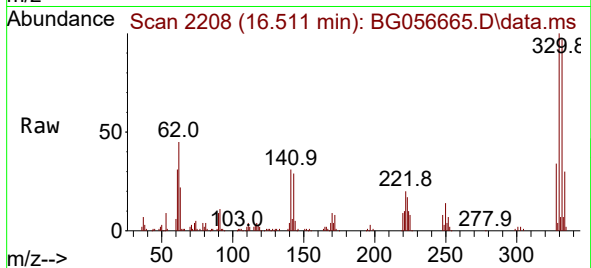




#42
2,4,6-Tribromophenol
Concen: 159.675 ng
RT: 16.511 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

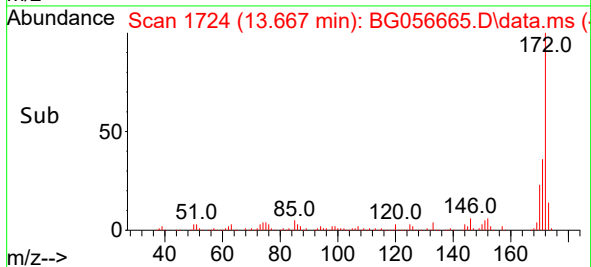
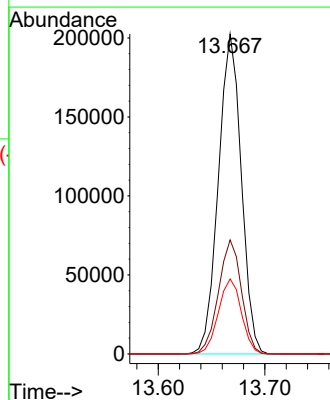
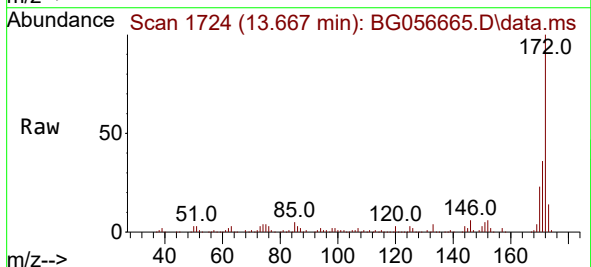
Instrument :
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ClientSampleId :
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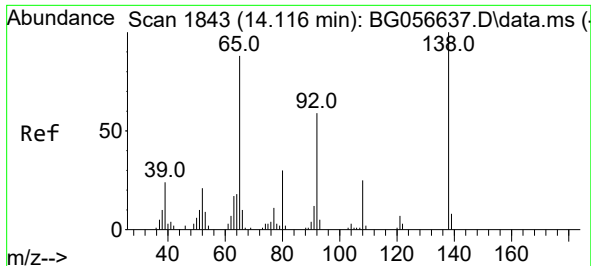
Tgt Ion:330 Resp: 91215
Ion Ratio Lower Upper
330 100
332 97.4 75.7 113.5
141 30.8 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 96.682 ng
RT: 13.667 min Scan# 1724
Delta R.T. -0.008 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

Tgt Ion:172 Resp: 301254
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.4 19.4 29.0

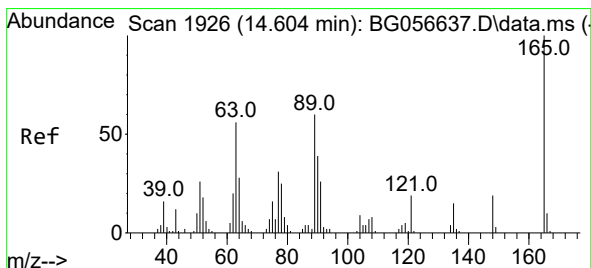
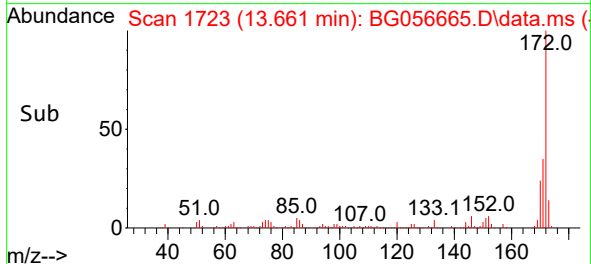
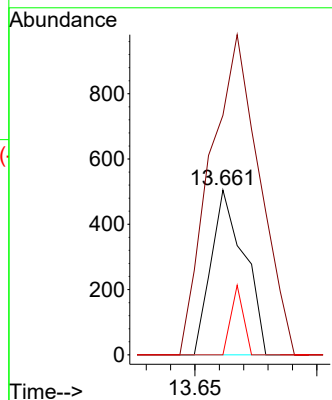
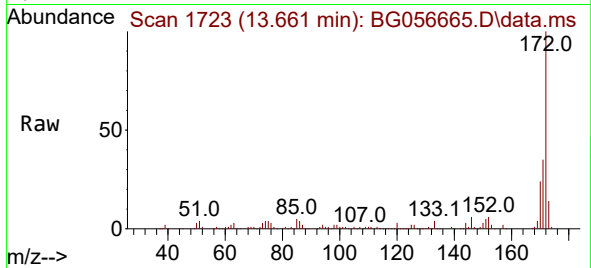




#48
2-Nitroaniline
Concen: 5.831 ng
RT: 13.661 min Scan# 11
Delta R.T. -0.455 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

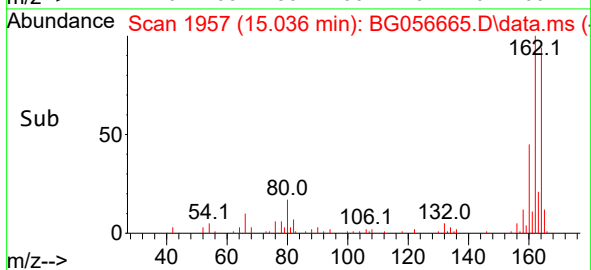
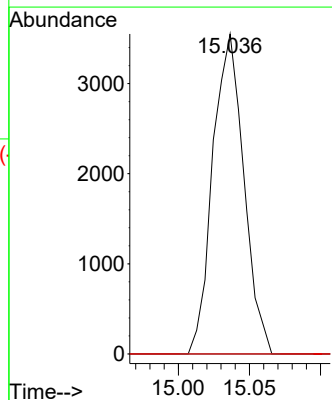
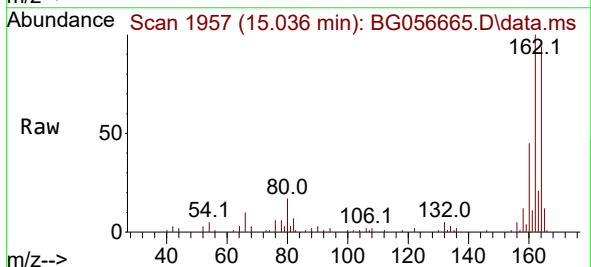
Instrument :
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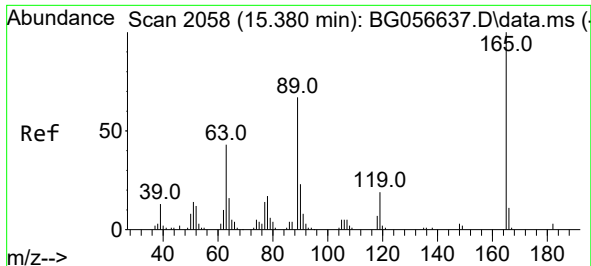
Tgt Ion: 65 Resp: 478
Ion Ratio Lower Upper
65 100
92 145.3 53.8 80.6#
138 0.0 90.6 135.8#



#51
2,6-Dinitrotoluene
Concen: 10.213 ng
RT: 15.036 min Scan# 1957
Delta R.T. 0.432 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

Tgt Ion:165 Resp: 5393
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.8#
89 0.0 48.2 72.2#





#57

2,4-Dinitrotoluene

Concen: 6.411 ng

RT: 15.036 min Scan# 14

Delta R.T. -0.343 min

Lab File: BG056665.D

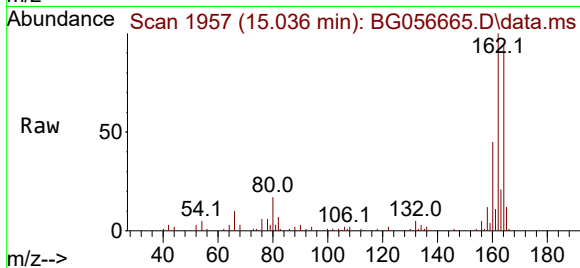
Acq: 17 Feb 2023 21:13

Instrument :

BNA_G

ClientSampleId :

RBR-200028



Tgt Ion:165 Resp: 5393

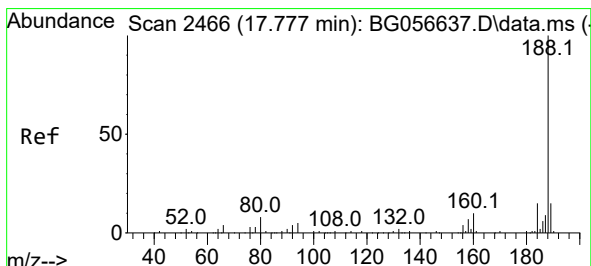
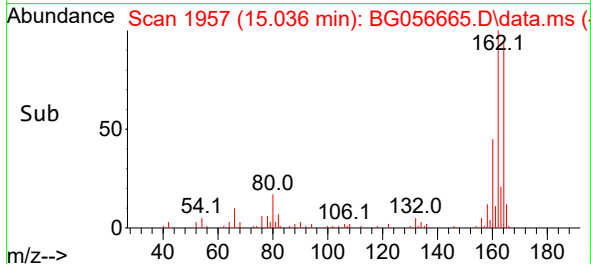
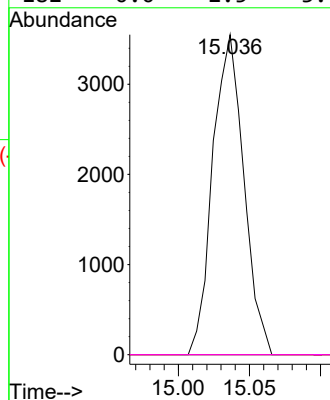
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 53.8 80.8#

182 0.0 2.5 3.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.768 min Scan# 2422

Delta R.T. -0.008 min

Lab File: BG056665.D

Acq: 17 Feb 2023 21:13

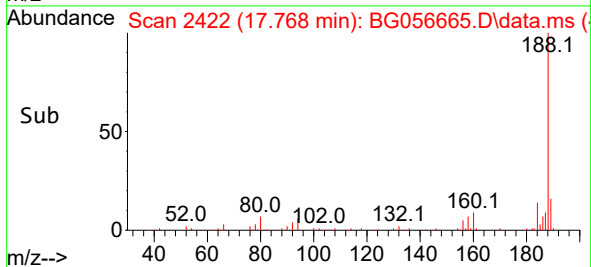
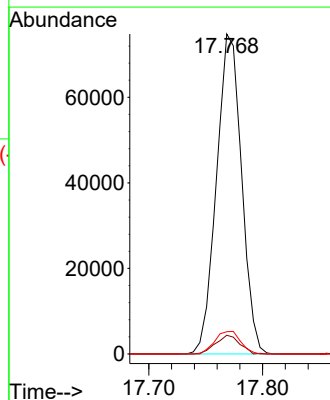
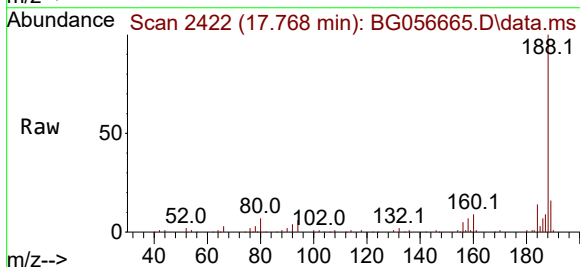
Tgt Ion:188 Resp: 114715

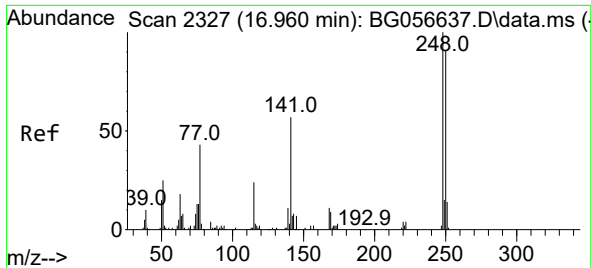
Ion Ratio Lower Upper

188 100

94 5.9 4.0 6.0

80 7.0 6.3 9.5

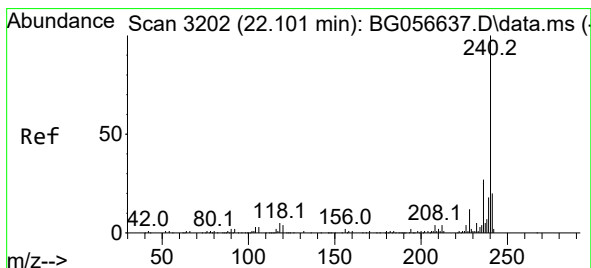
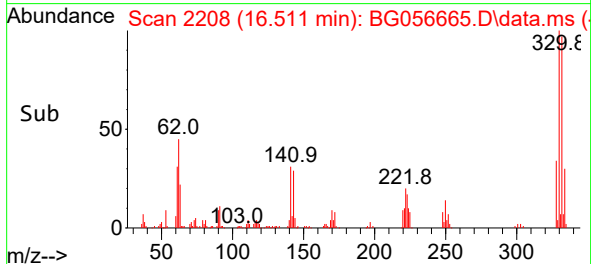
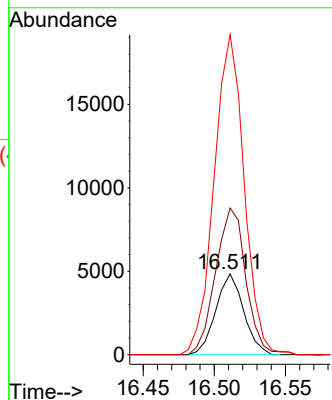
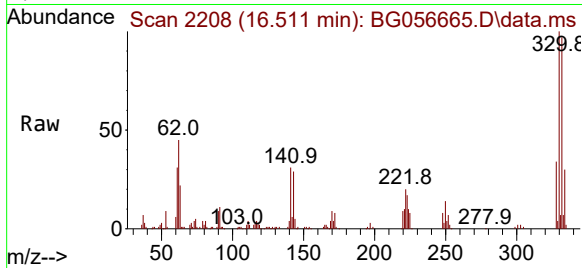




#67
4-Bromophenyl-phenylether
Concen: 4.478 ng
RT: 16.511 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

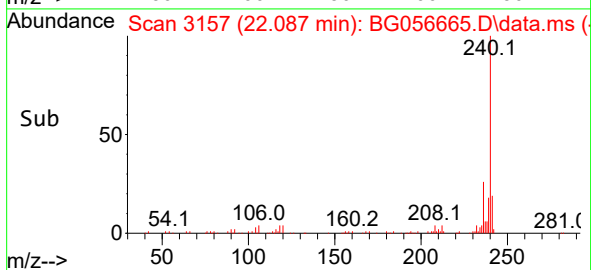
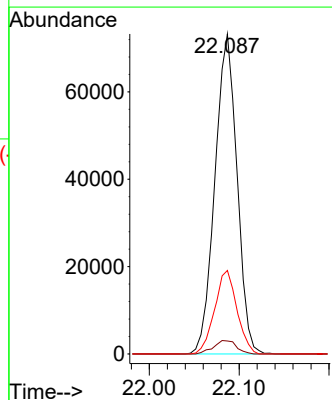
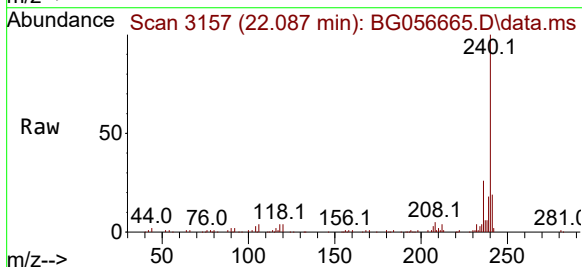
Instrument :
BNA_G
ClientSampleId :
RBR-200028

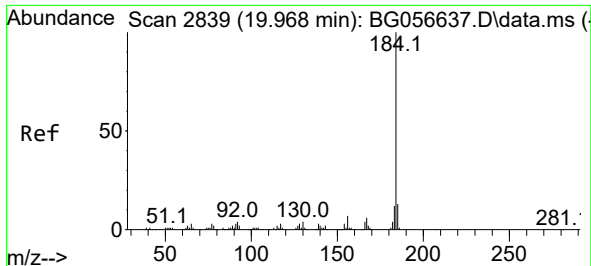
Tgt Ion:248 Resp: 6595
Ion Ratio Lower Upper
248 100
250 181.6 73.0 109.6#
141 396.0 45.6 68.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.087 min Scan# 3157
Delta R.T. -0.014 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

Tgt Ion:240 Resp: 124862
Ion Ratio Lower Upper
240 100
120 4.1 3.5 5.3
236 26.1 21.5 32.3

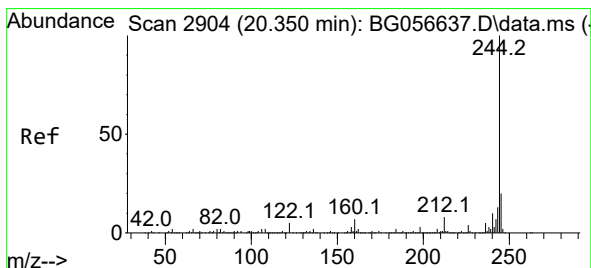
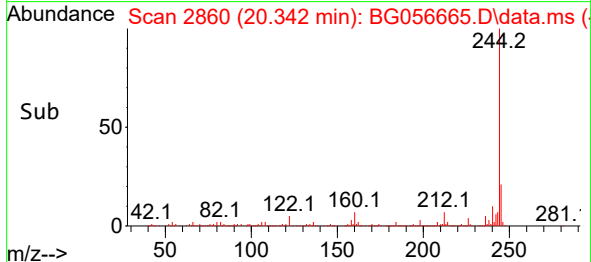
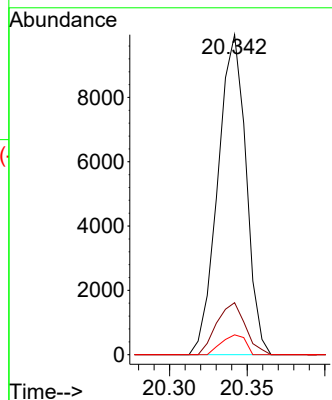
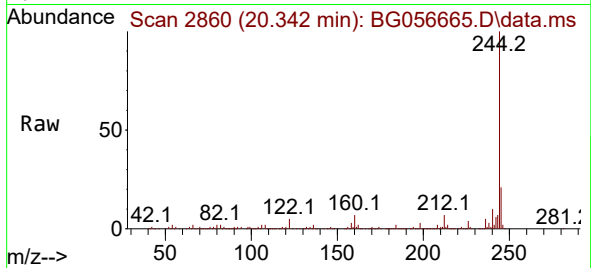




#77
Benzidine
Concen: 4.211 ng
RT: 20.342 min Scan# 2860
Delta R.T. 0.374 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

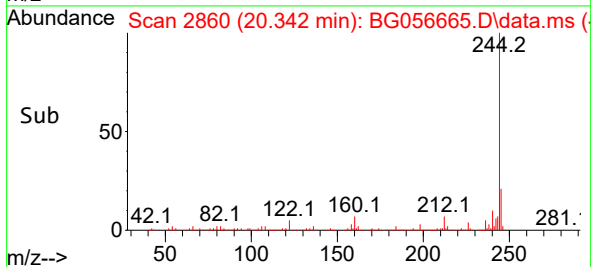
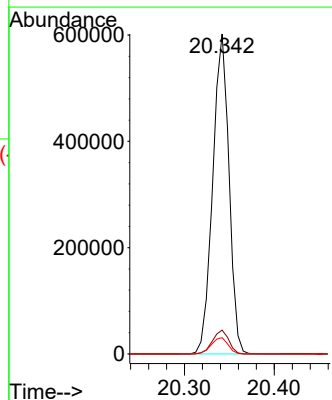
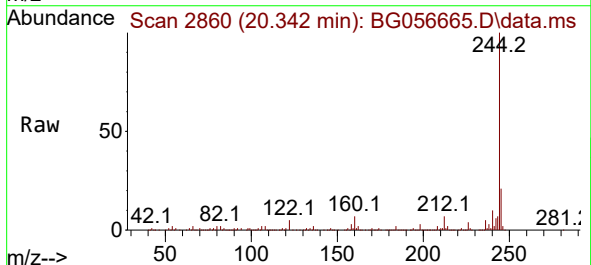
Instrument :
BNA_G
ClientSampleId :
RBR-200028

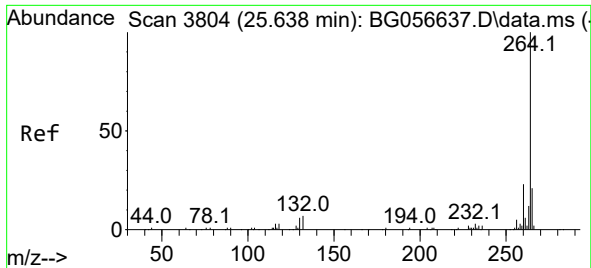
Tgt Ion:184 Resp: 12575
Ion Ratio Lower Upper
184 100
185 16.3 10.6 15.8#
183 6.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 99.092 ng
RT: 20.342 min Scan# 2860
Delta R.T. -0.008 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

Tgt Ion:244 Resp: 756230
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 5.1 3.8 5.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.624 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BG056665.D
 Acq: 17 Feb 2023 21:13

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200028

Tgt Ion:264 Resp: 131482
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.5 17.0 25.4

