

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053639.D
 Acq On : 19 May 2022 23:29
 Operator : CG/JU
 Sample : N2877-12 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P007-SS017-0006-01

Quant Time: May 20 03:58:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

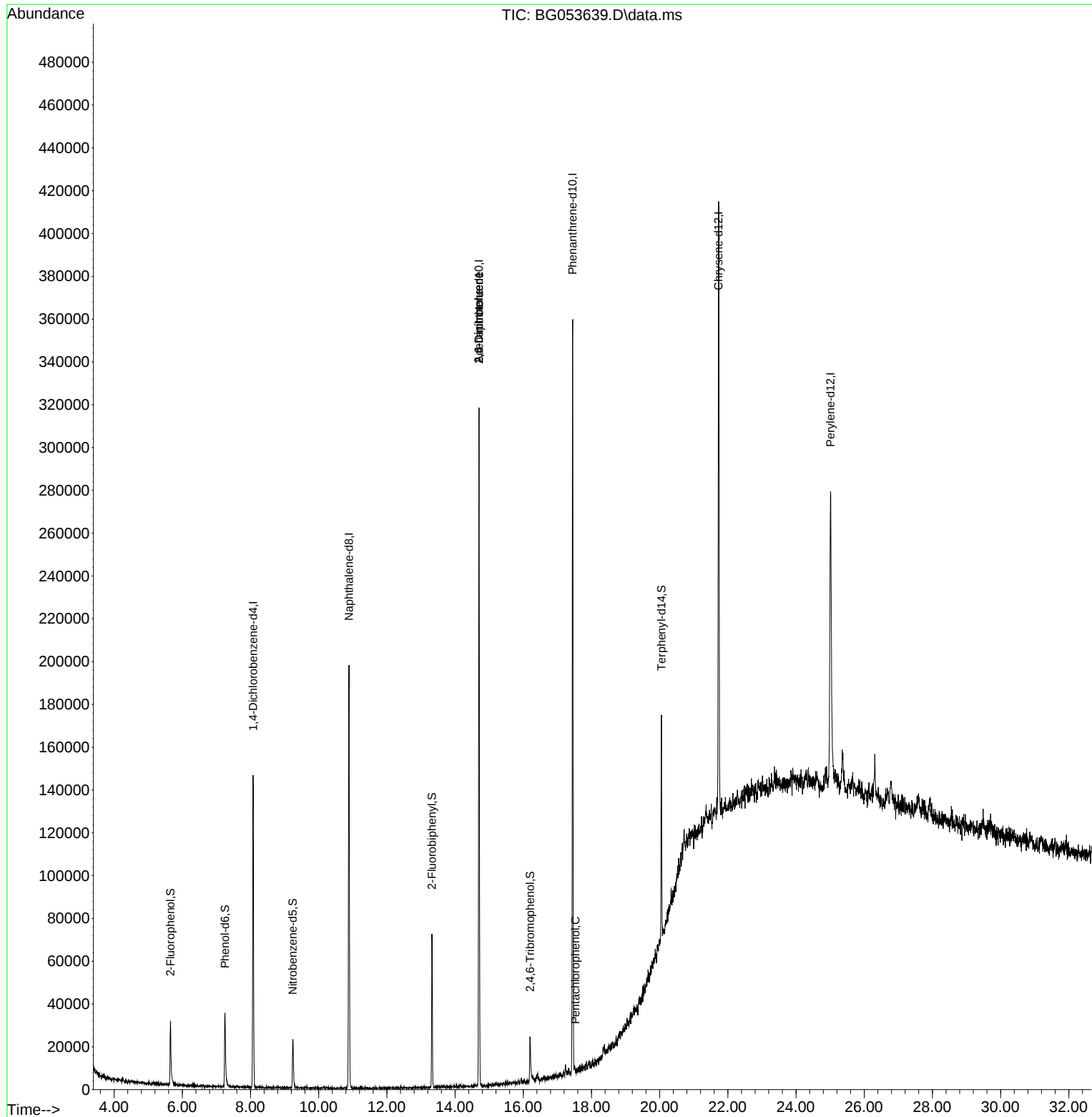
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	42038	20.000	ng	0.00
21) Naphthalene-d8	10.890	136	166511	20.000	ng	0.00
39) Acenaphthene-d10	14.702	164	111979	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	228907	20.000	ng	0.00
76) Chrysene-d12	21.728	240	192749	20.000	ng	# 0.00
86) Perylene-d12	25.012	264	173740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	16756	6.765	ng	0.01
7) Phenol-d6	7.254	99	25442	6.768	ng	0.01
23) Nitrobenzene-d5	9.239	82	17808	4.553	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	6443	3.901	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	40416	5.274	ng	0.00
79) Terphenyl-d14	20.054	244	53028	5.124	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.702	165	14820	8.549	ng	# 16
57) 2,4-Dinitrotoluene	14.702	165	14820	5.898	ng	# 21
70) Pentachlorophenol	17.534	266	60	4.686	ng	# 16

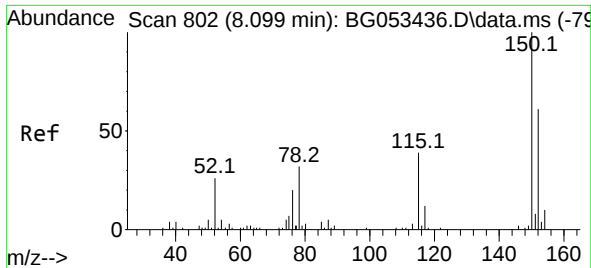
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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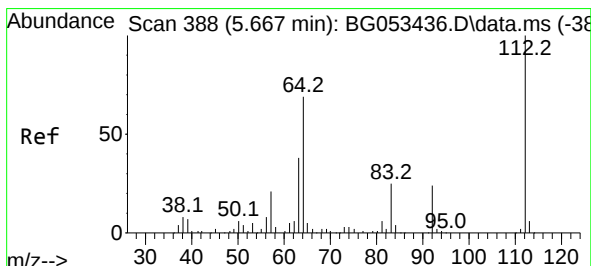
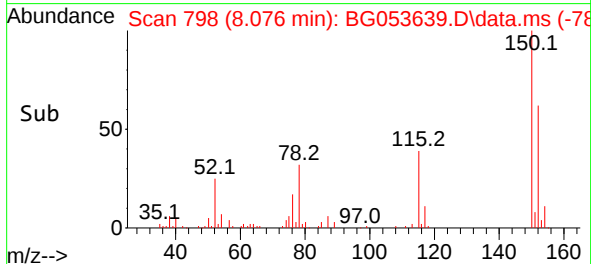
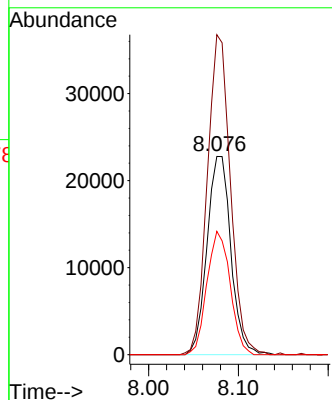
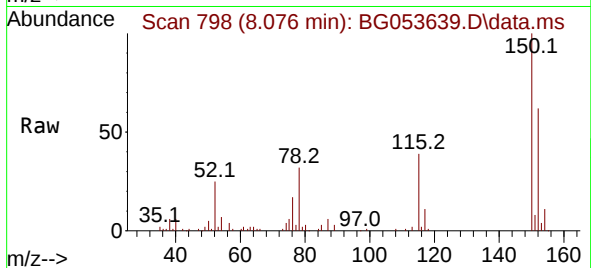




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

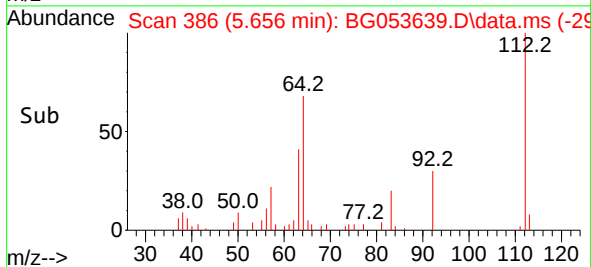
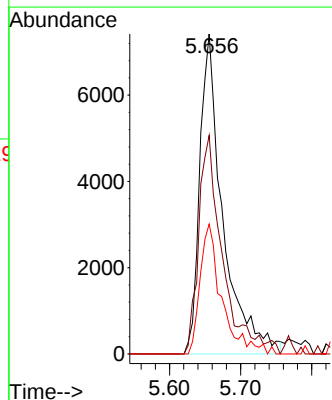
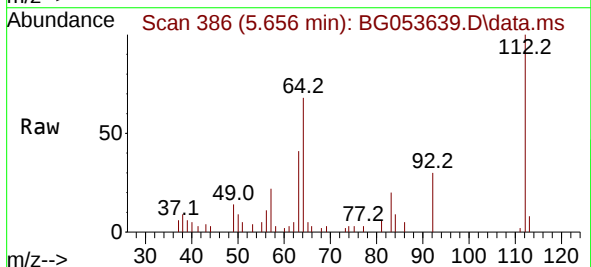
Instrument :
BNA_G
ClientSampleId :
P007-SS017-0006-01

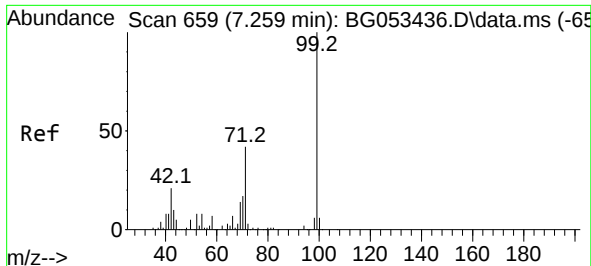
Tgt Ion:152 Resp: 42038
Ion Ratio Lower Upper
152 100
150 161.4 131.6 197.4
115 62.2 50.9 76.3



#5
2-Fluorophenol
Concen: 6.765 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.013 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

Tgt Ion:112 Resp: 16756
Ion Ratio Lower Upper
112 100
64 68.3 55.1 82.7
63 40.6 30.4 45.6

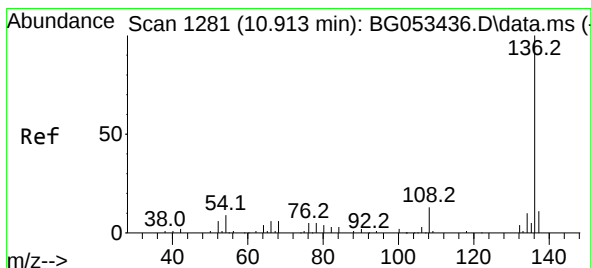
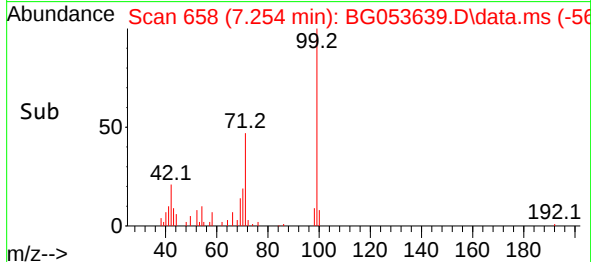
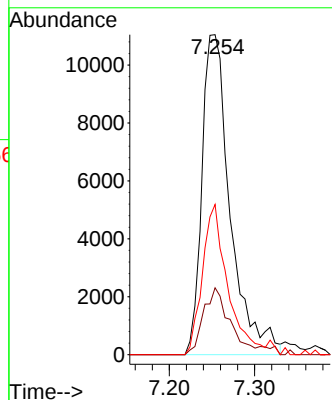
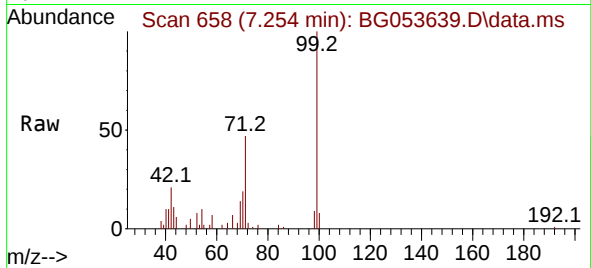




#7
Phenol-d6
Concen: 6.768 ng
RT: 7.254 min Scan# 61
Delta R.T. 0.013 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

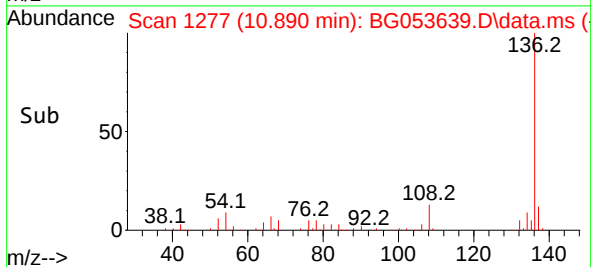
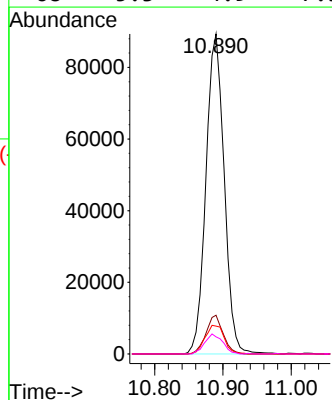
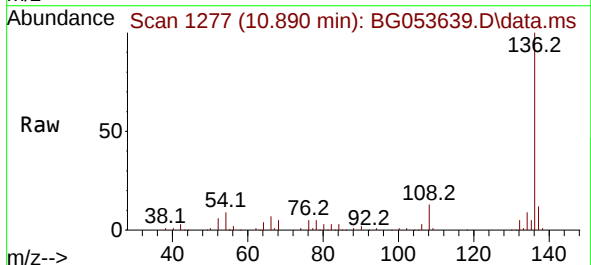
Instrument :
BNA_G
ClientSampleId :
P007-SS017-0006-01

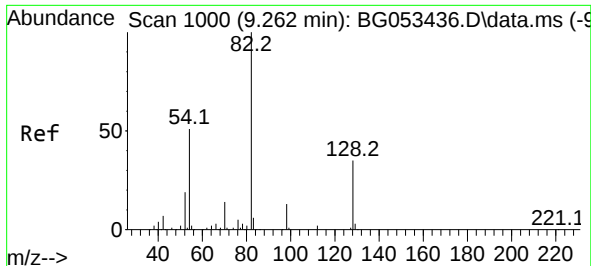
Tgt Ion: 99 Resp: 25442
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 47.0 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.890 min Scan# 1277
Delta R.T. 0.007 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

Tgt Ion: 136 Resp: 166511
Ion Ratio Lower Upper
136 100
137 12.1 8.5 12.7
54 8.7 7.4 11.2
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 4.553 ng

RT: 9.239 min Scan# 91

Delta R.T. 0.001 min

Lab File: BG053639.D

Acq: 19 May 2022 23:29

Instrument :

BNA_G

ClientSampleId :

P007-SS017-0006-01

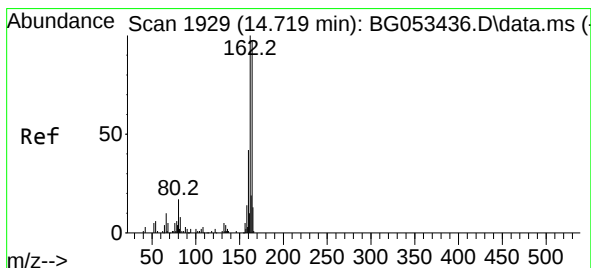
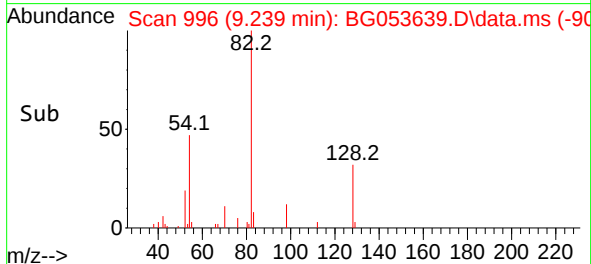
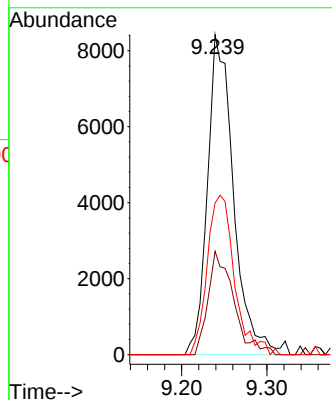
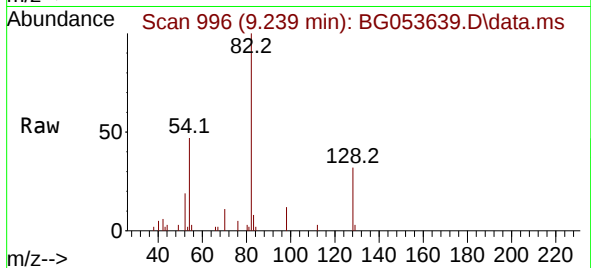
Tgt Ion: 82 Resp: 17808

Ion Ratio Lower Upper

82 100

128 32.3 27.9 41.9

54 47.4 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.702 min Scan# 1926

Delta R.T. 0.001 min

Lab File: BG053639.D

Acq: 19 May 2022 23:29

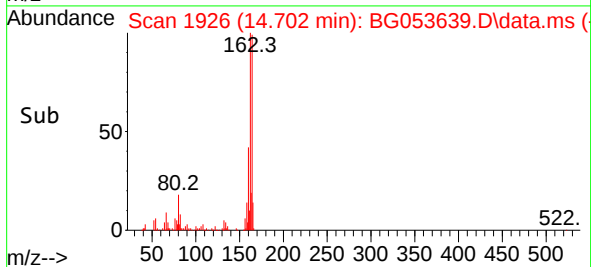
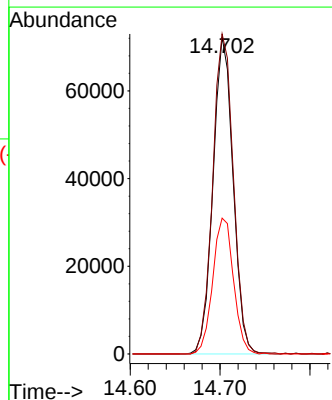
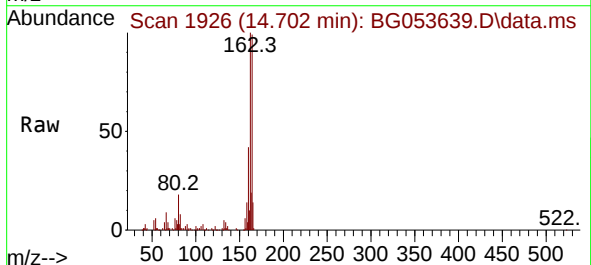
Tgt Ion:164 Resp: 111979

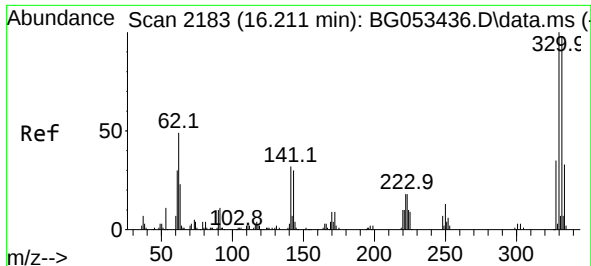
Ion Ratio Lower Upper

164 100

162 101.0 82.3 123.5

160 42.9 34.2 51.2

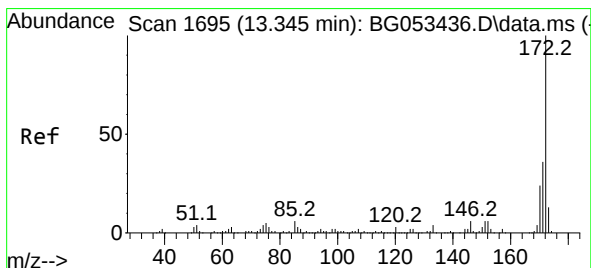
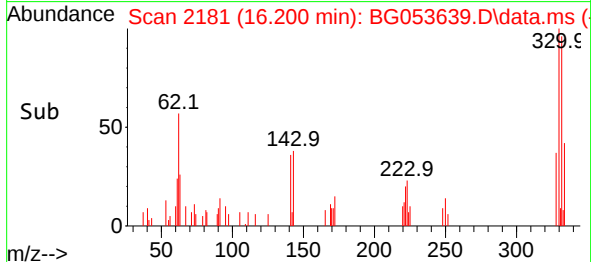
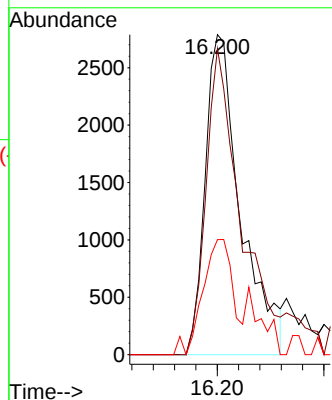
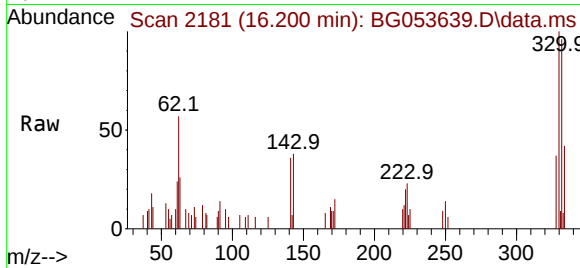




#42
 2,4,6-Tribromophenol
 Concen: 3.901 ng
 RT: 16.200 min Scan# 2183
 Delta R.T. 0.007 min
 Lab File: BG053639.D
 Acq: 19 May 2022 23:29

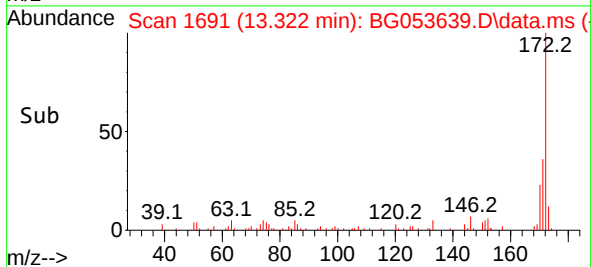
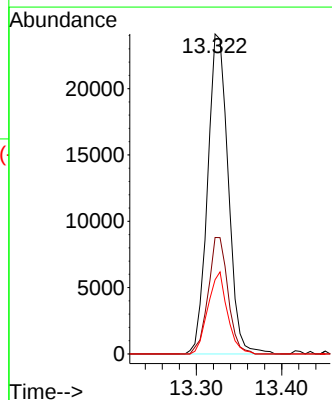
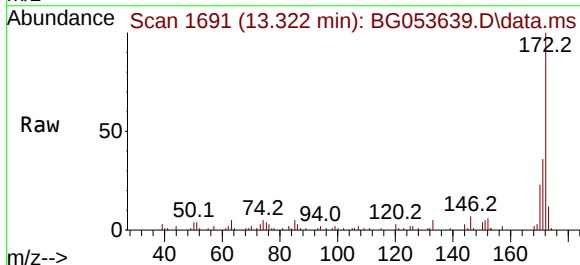
Instrument :
 BNA_G
 ClientSampleId :
 P007-SS017-0006-01

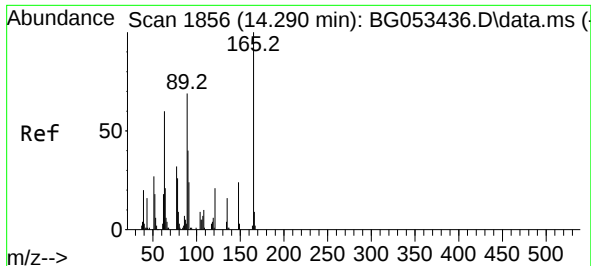
Tgt Ion:330 Resp: 6443
 Ion Ratio Lower Upper
 330 100
 332 93.1 76.0 114.0
 141 30.7 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 5.274 ng
 RT: 13.322 min Scan# 1691
 Delta R.T. -0.005 min
 Lab File: BG053639.D
 Acq: 19 May 2022 23:29

Tgt Ion:172 Resp: 40416
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 23.2 18.9 28.3

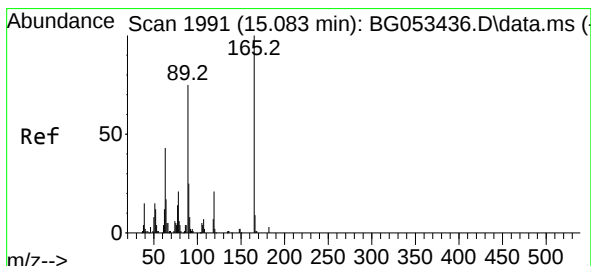
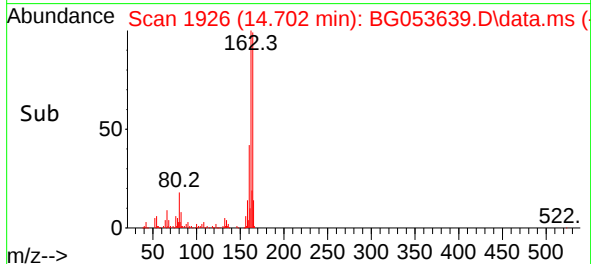
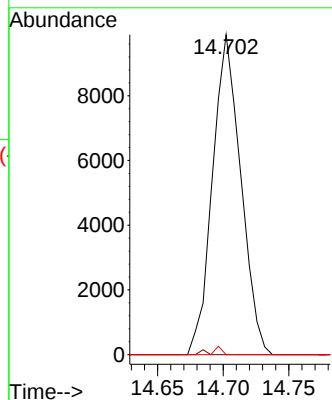
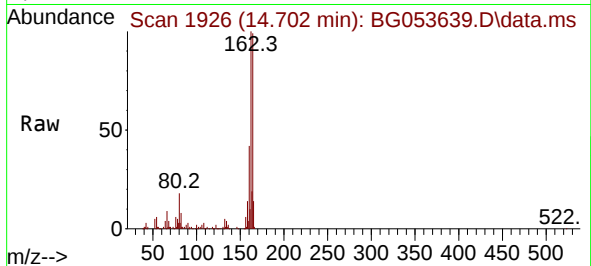




#51
2,6-Dinitrotoluene
Concen: 8.549 ng
RT: 14.702 min Scan# 1926
Delta R.T. 0.430 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

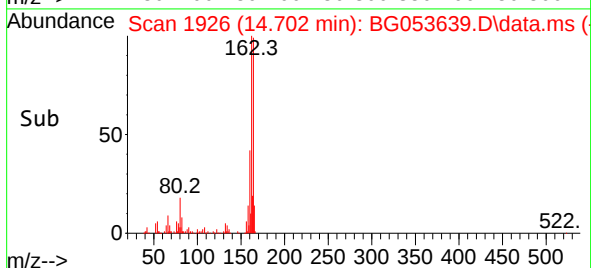
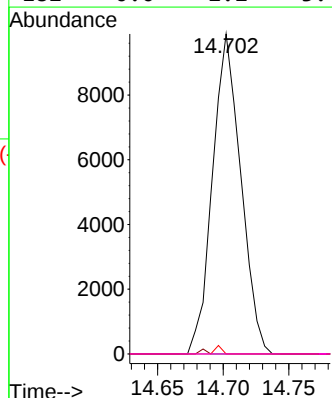
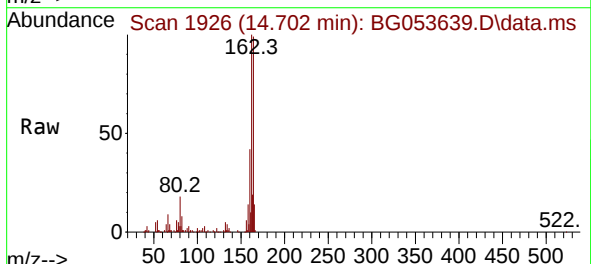
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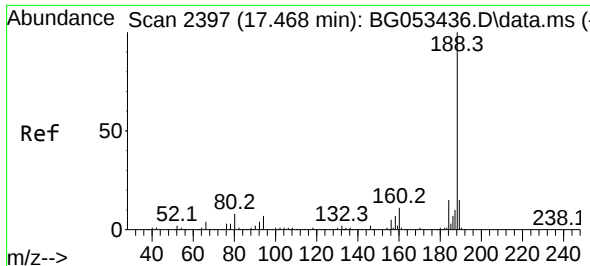
Tgt Ion:165 Resp: 14820
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.898 ng
RT: 14.702 min Scan# 1926
Delta R.T. -0.363 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

Tgt Ion:165 Resp: 14820
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

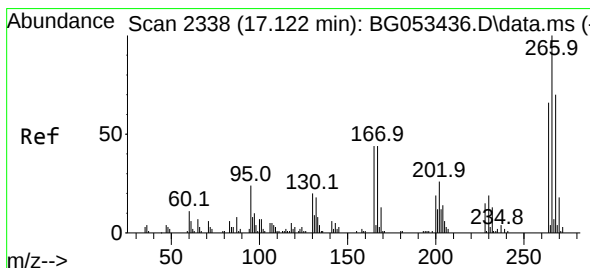
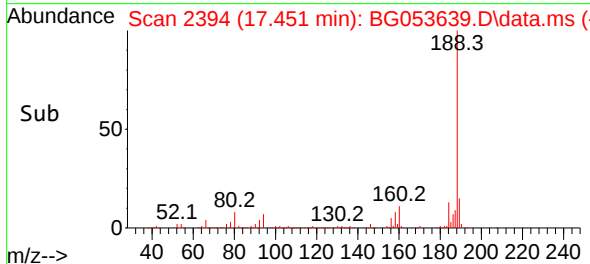
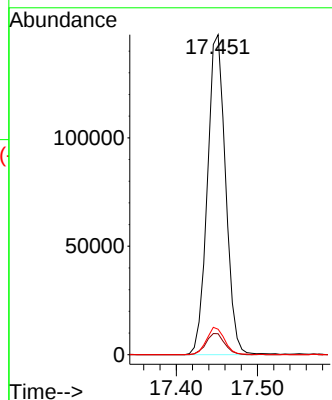
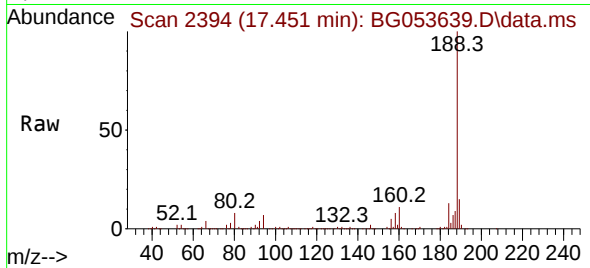




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

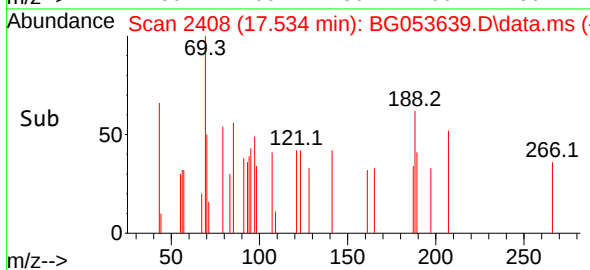
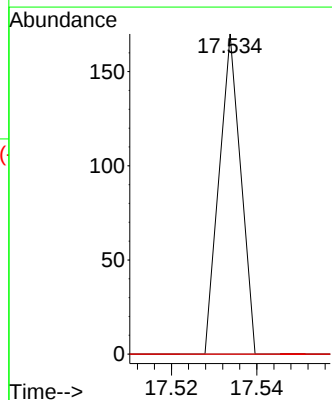
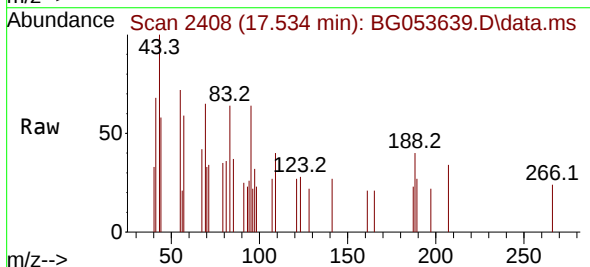
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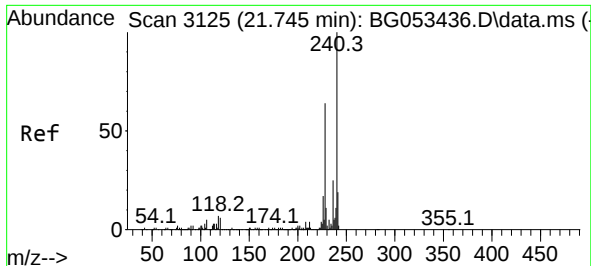
Tgt Ion:188 Resp: 228907
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 7.9 6.8 10.2



#70
Pentachlorophenol
Concen: 4.686 ng
RT: 17.534 min Scan# 2408
Delta R.T. 0.424 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

Tgt Ion:266 Resp: 60
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#

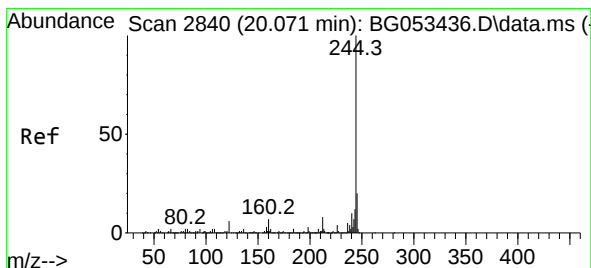
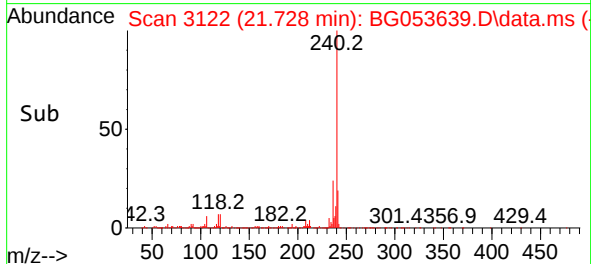
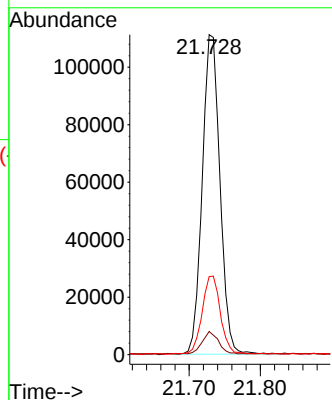
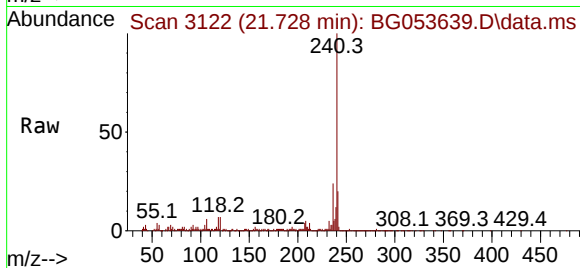




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

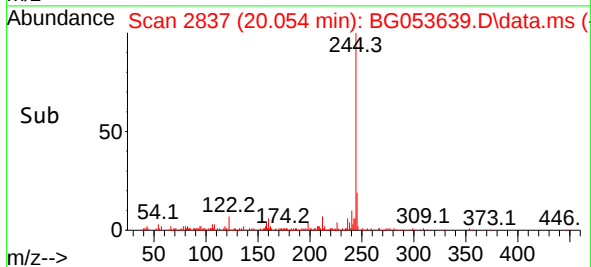
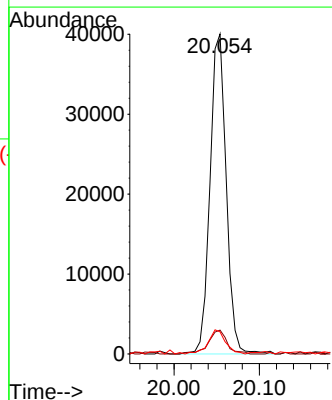
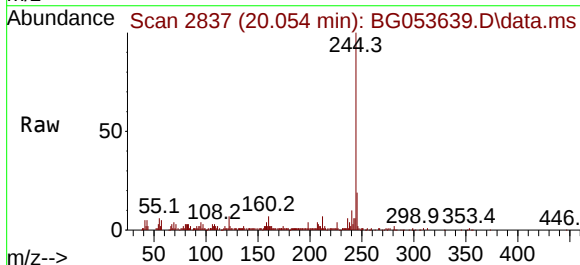
Instrument :
BNA_G
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P007-SS017-0006-01

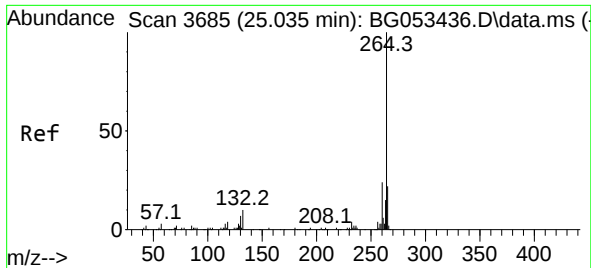
Tgt Ion:240 Resp: 192749
Ion Ratio Lower Upper
240 100
120 7.2 4.6 7.0#
236 24.4 20.2 30.4



#79
Terphenyl-d14
Concen: 5.124 ng
RT: 20.054 min Scan# 2837
Delta R.T. 0.001 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

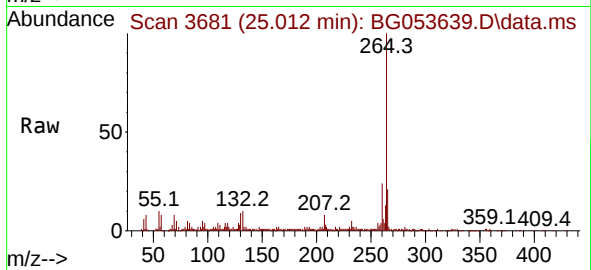
Tgt Ion:244 Resp: 53028
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.9 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 30
Delta R.T. 0.007 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

Instrument :
BNA_G
ClientSampleId :
P007-SS017-0006-01



Tgt Ion:	264	Resp:	173740
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.3	17.4	26.2

