

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036177.D
 Acq On : 8 Aug 2018 00:57
 Operator : JU/SJ
 Sample : J4303-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-A04

Quant Time: Aug 08 03:38:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	28287	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	97939	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68449	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	196249	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	225630	20.00	ng	-0.02
86) Perylene-d12	24.83	264	208712	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	116518	68.39	ng	0.00
7) Phenol-d6	7.18	99	94335	37.11	ng	-0.01
23) Nitrobenzene-d5	9.17	82	250631	106.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	180831	200.43	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	524324	102.63	ng	-0.02
78) Terphenyl-d14	19.99	244	1144357	111.80	ng	-0.01

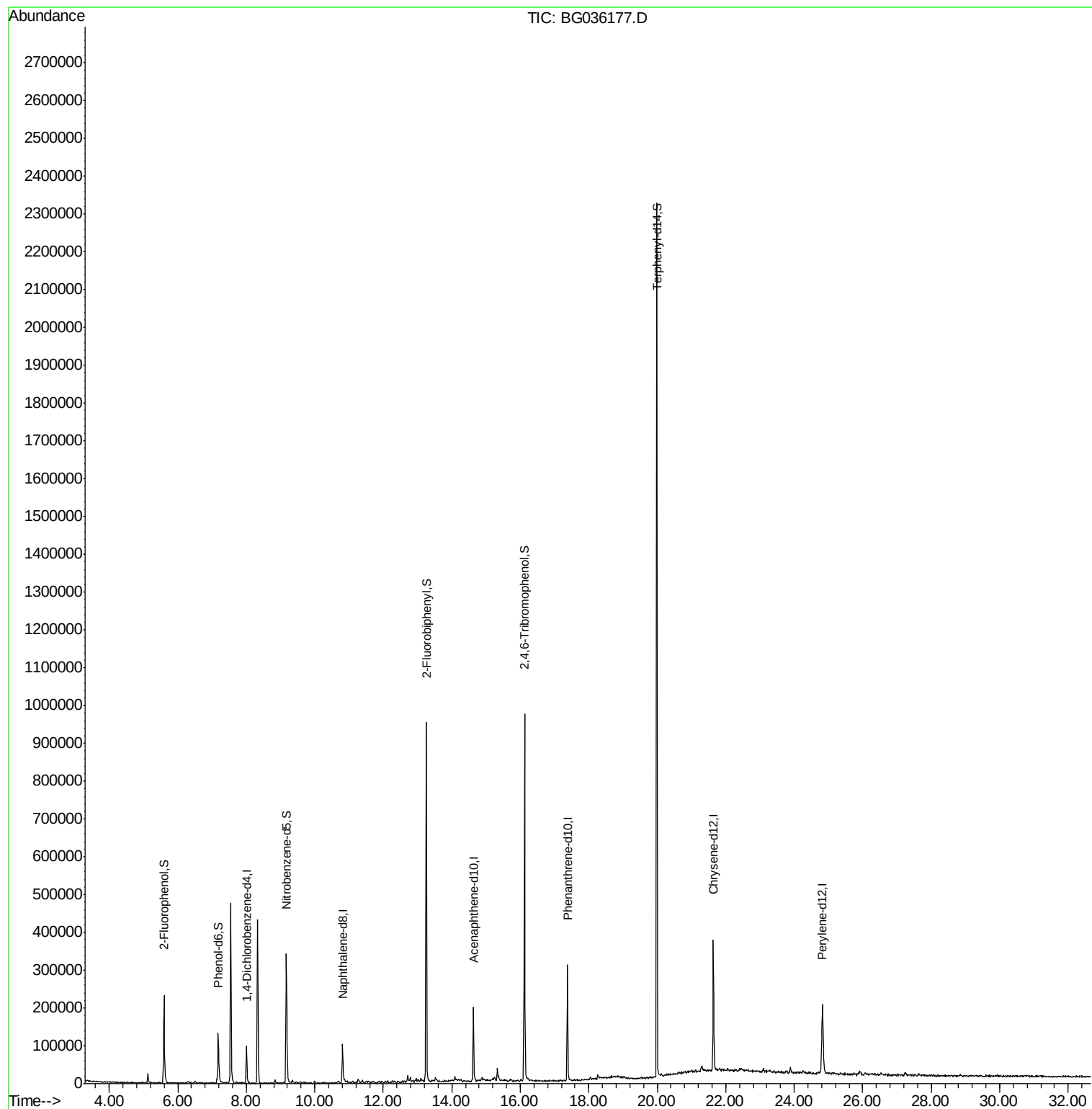
Target Compounds Qvalue

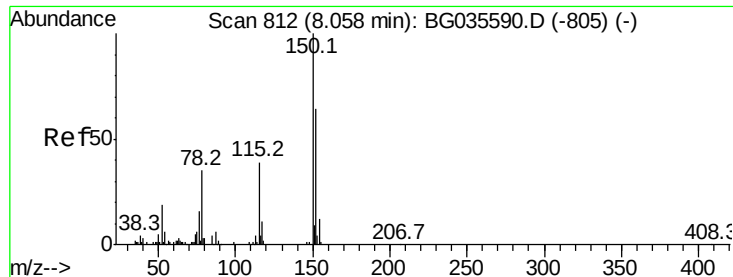
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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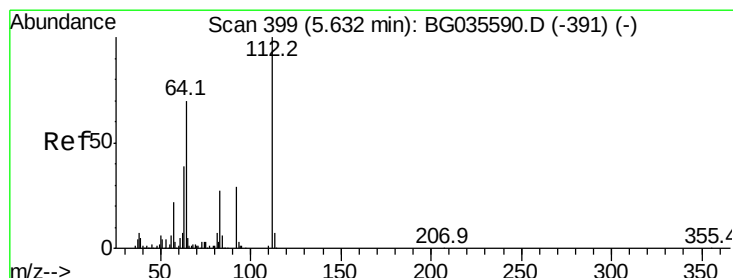
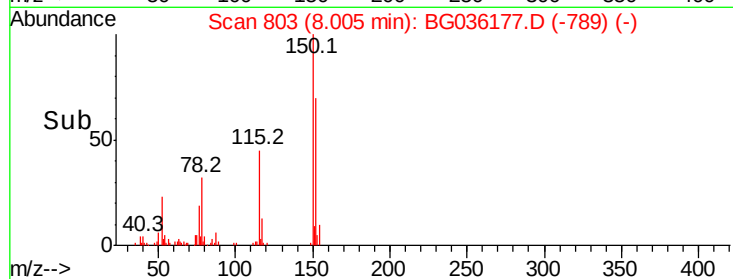
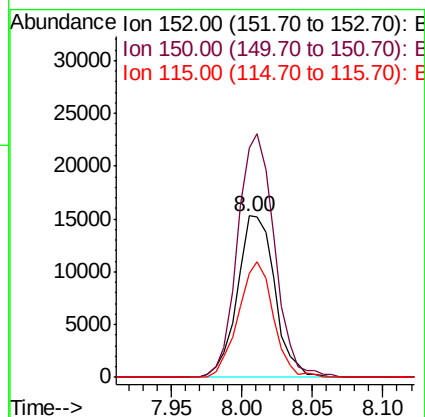
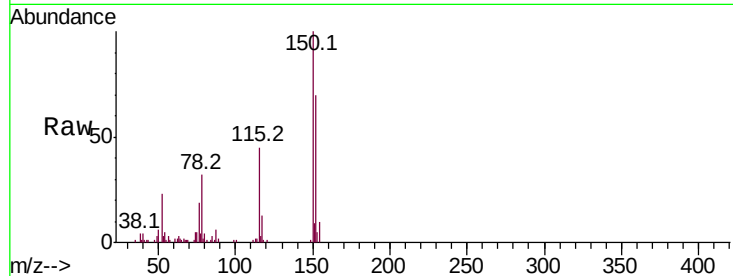


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036177.D
Acq: 8 Aug 2018 00:57

Instrument :
BNA_G
ClientSampleId :
MW-A04

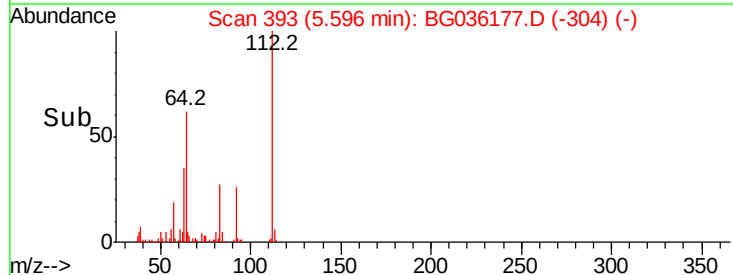
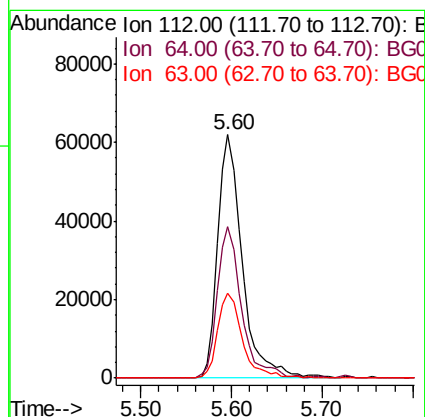
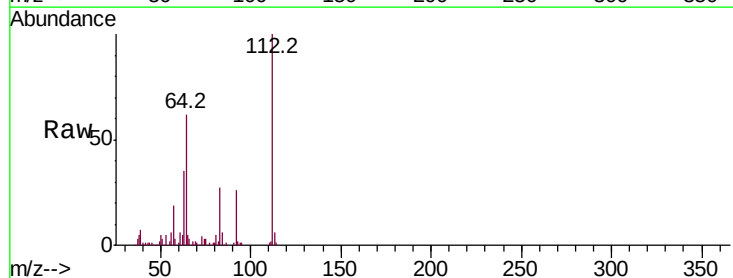
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.7	126.6	189.8
115	64.5	53.0	79.4

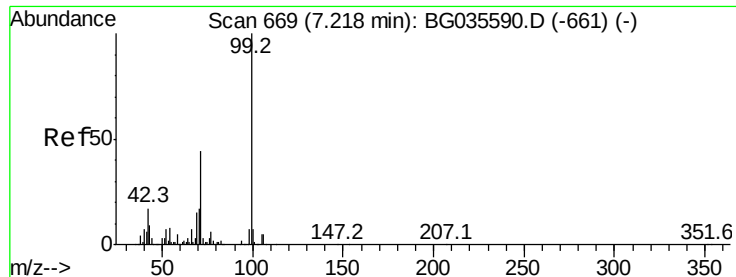


#5

2-Fluorophenol
Concen: 68.387 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036177.D
Acq: 8 Aug 2018 00:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.3	84.5
63	34.6	30.1	45.1





#7

Phenol-d6

Concen: 37.110 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036177.D

Acq: 8 Aug 2018 00:57

Instrument :

BNA_G

ClientSampleId :

MW-A04

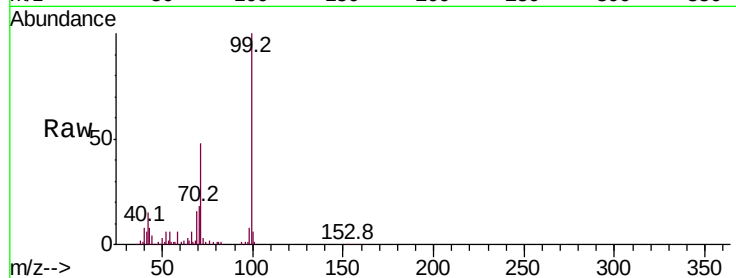
Tot Ion: 99 Resp: 94335

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

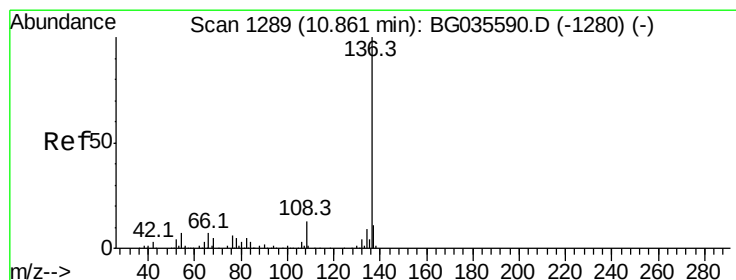
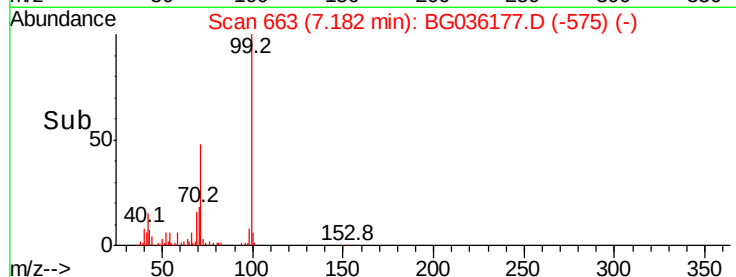
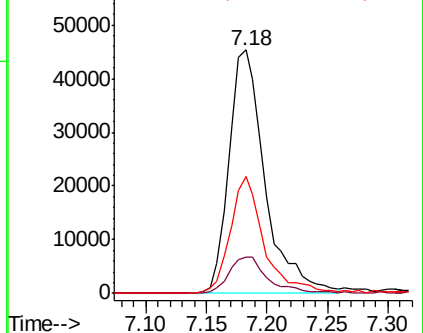
71 48.2 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036177.D

Acq: 8 Aug 2018 00:57

Tgt Ion: 136 Resp: 97939

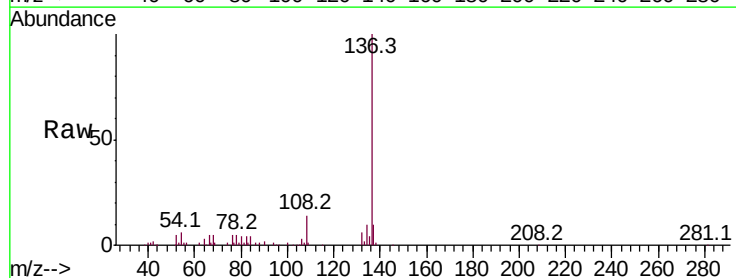
Ion Ratio Lower Upper

136 100

137 10.0 9.2 13.8

54 6.2 10.3 15.5#

68 5.1 4.5 6.7

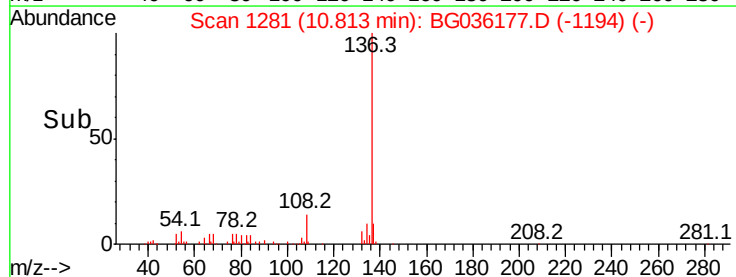
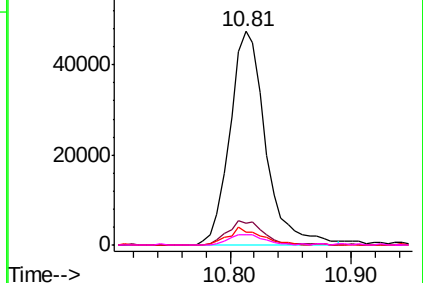


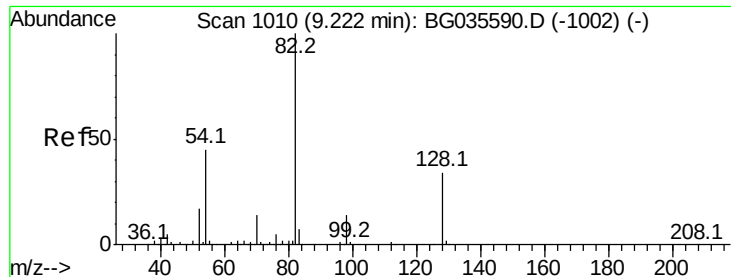
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

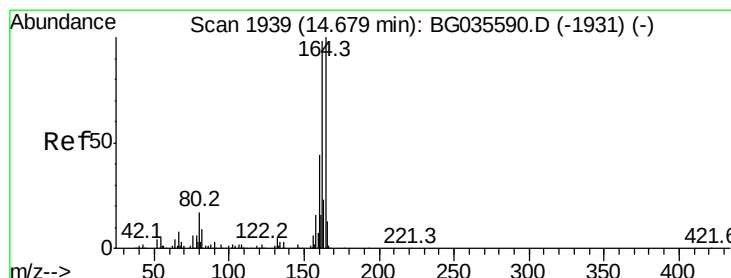
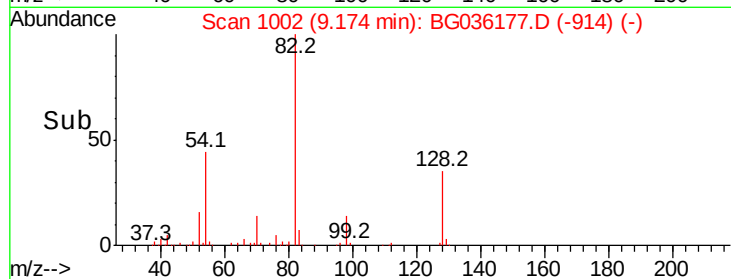
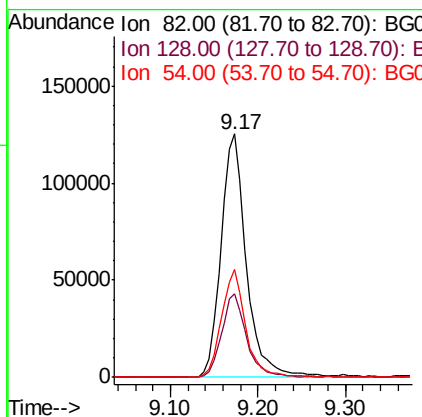
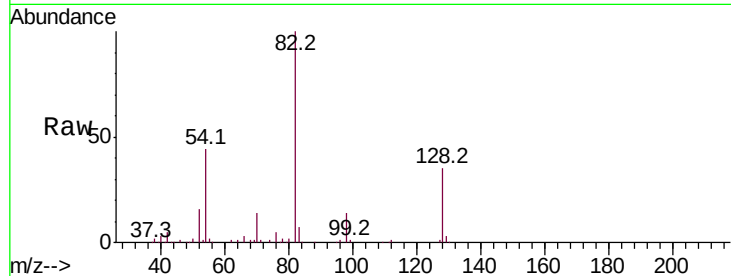




#23
 Nitrobenzene-d5
 Concen: 106.904 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036177.D
 Acq: 8 Aug 2018 00:57

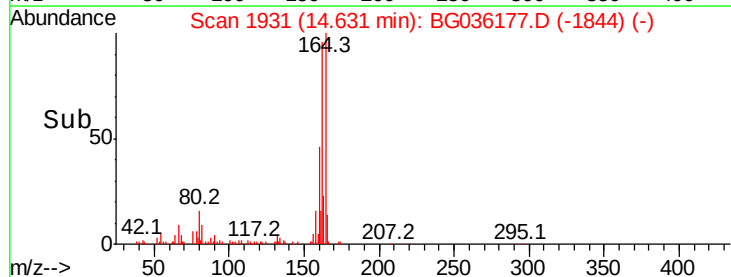
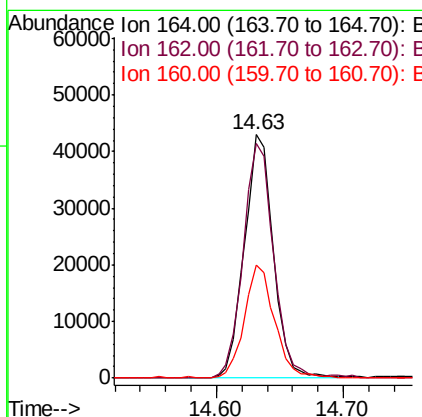
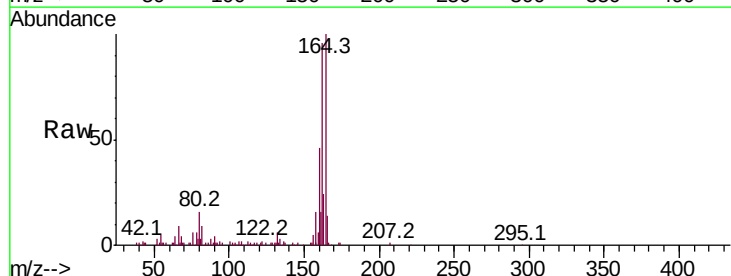
Instrument :
 BNA_G
 ClientSampleId :
 MW-A04

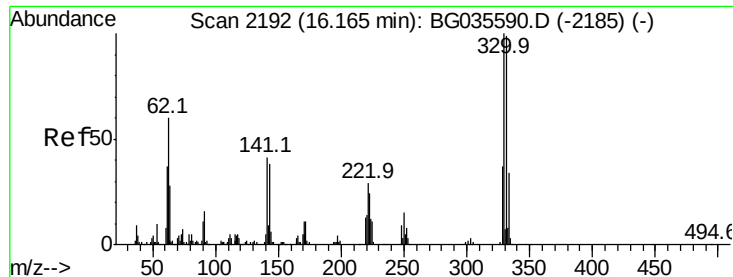
Tot Ion	82	Resp	250631
Ion Ratio	Lower	Upper	
82	100		
128	34.5	29.7	44.5
54	44.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036177.D
 Acq: 8 Aug 2018 00:57

Tgt Ion	164	Resp	68449
Ion Ratio	Lower	Upper	
164	100		
162	96.1	78.8	118.2
160	46.3	35.4	53.0

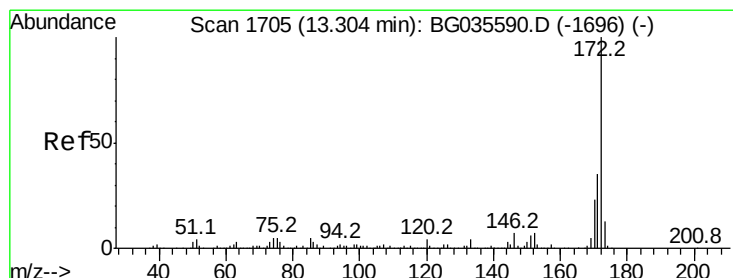
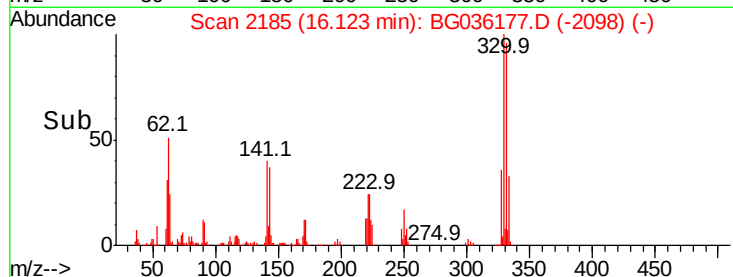
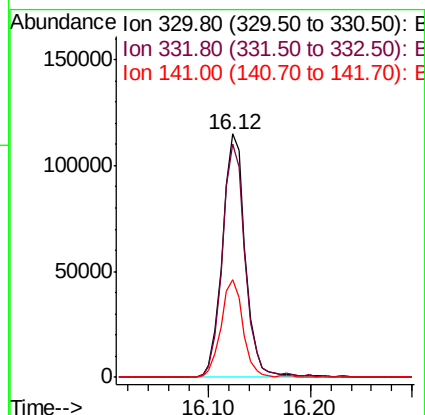
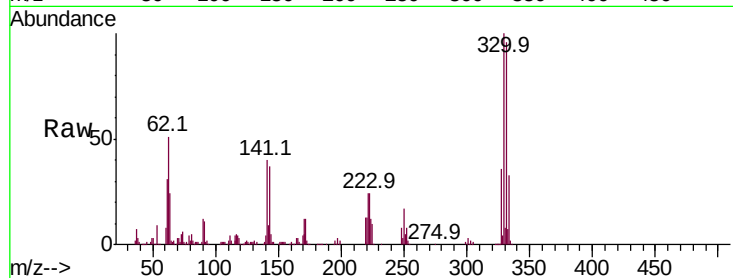




#41
 2,4,6-Tribromophenol
 Concen: 200.433 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036177.D
 Acq: 8 Aug 2018 00:57

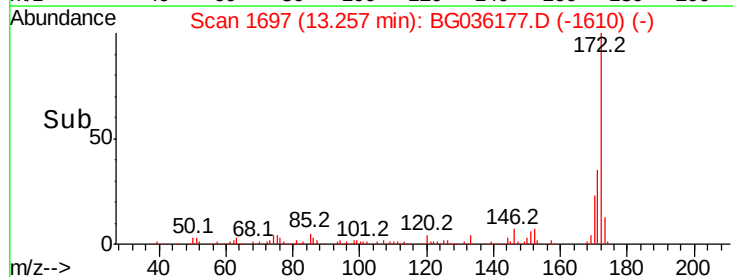
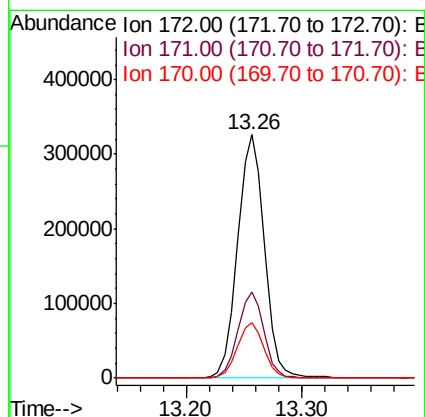
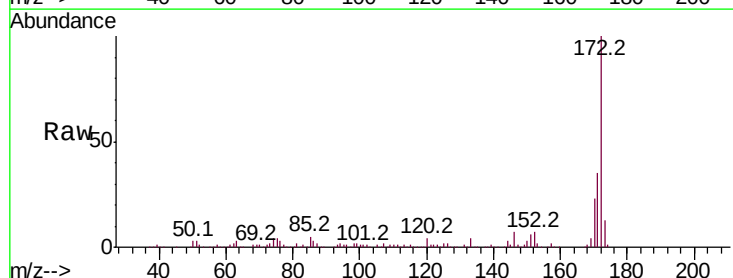
Instrument :
 BNA_G
 ClientSampleId :
 MW-A04

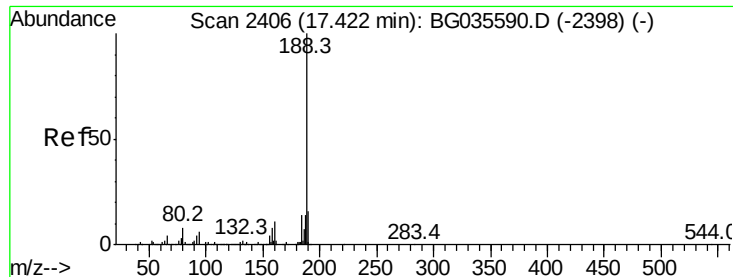
Tot Ion:330 Resp: 180831
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 38.9 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 102.625 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036177.D
 Acq: 8 Aug 2018 00:57

Tgt Ion:172 Resp: 524324
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 23.0 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036177.D

Acq: 8 Aug 2018 00:57

Instrument :

BNA_G

ClientSampleId :

MW-A04

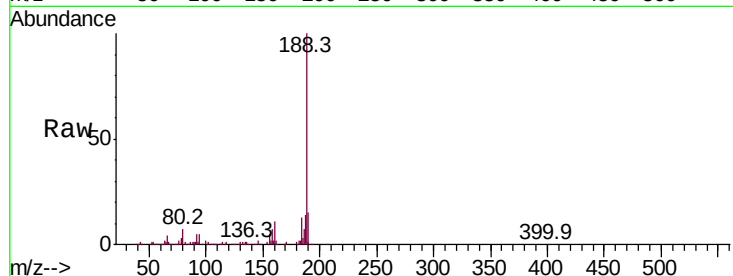
Tot Ion:188 Resp: 196249

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

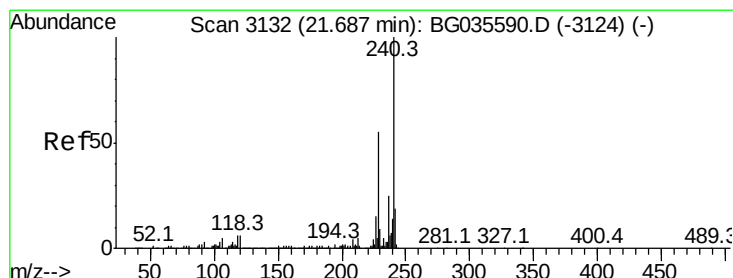
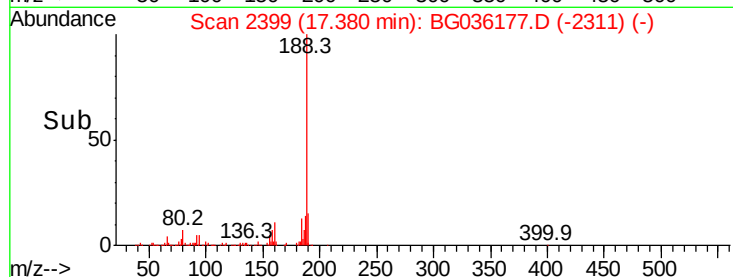
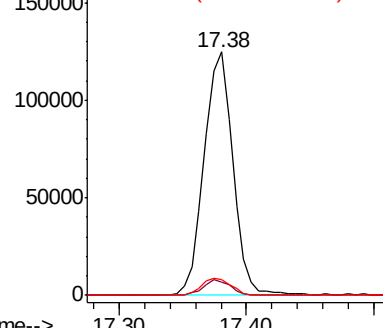
80 6.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036177.D

Acq: 8 Aug 2018 00:57

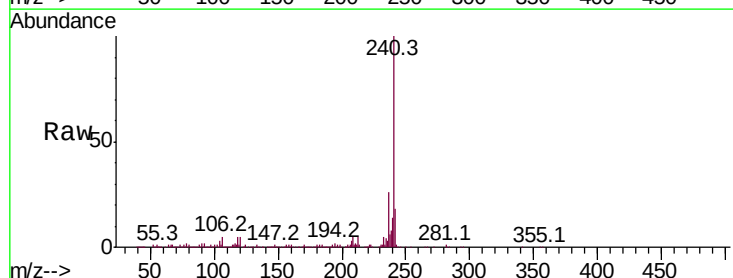
Tgt Ion:240 Resp: 225630

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

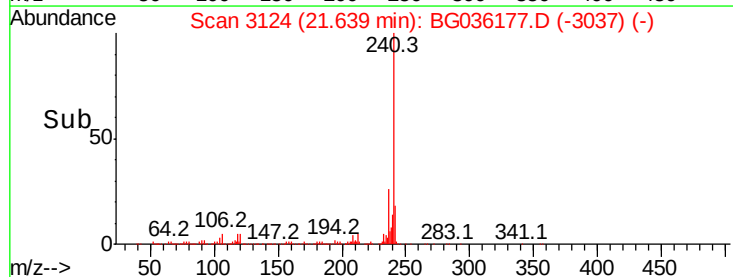
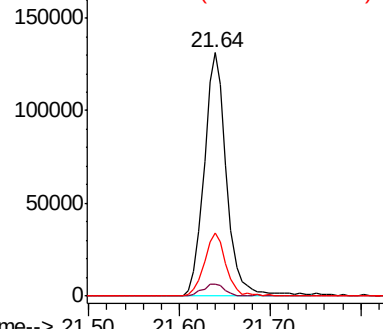
236 25.7 20.9 31.3

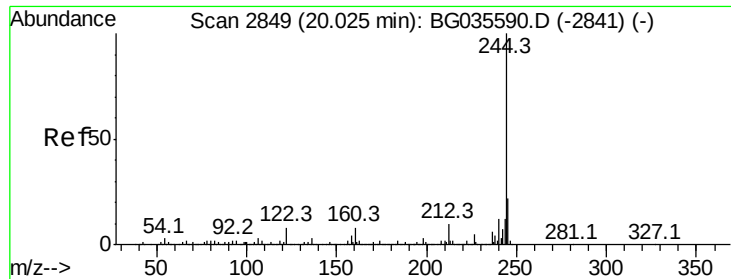


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

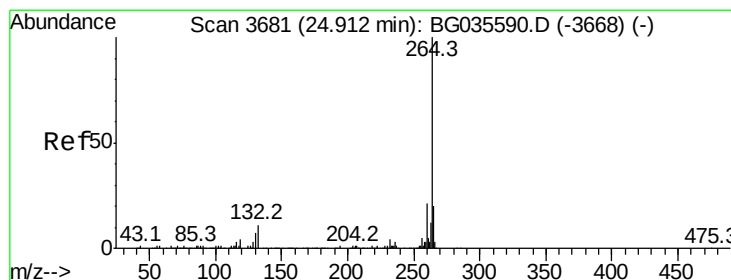
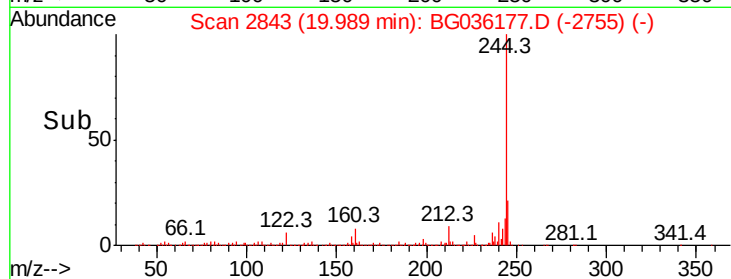
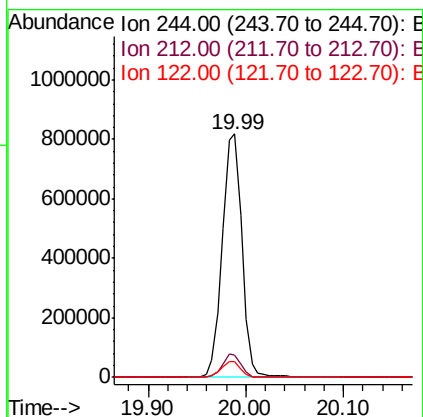
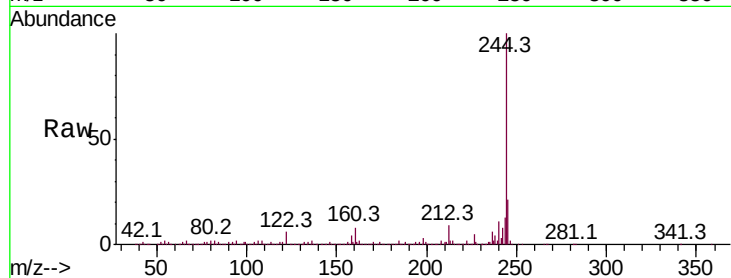




#78
 Terphenyl-d14
 Concen: 111.798 ng
 RT: 19.99 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BG036177.D
 Acq: 8 Aug 2018 00:57

Instrument :
 BNA_G
 ClientSampled :
 MW-A04

Tot Ion:244 Resp: 1144357
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 6.3 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. -0.03 min
 Lab File: BG036177.D
 Acq: 8 Aug 2018 00:57

Tgt Ion:264 Resp: 208712
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.4 26.0
 265 21.0 17.7 26.5

