

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036245.D
 Acq On : 9 Aug 2018 22:52
 Operator : JU/SJ
 Sample : J4379-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106D

Quant Time: Aug 10 05:55:50 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	8.01	152	27188	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	99445	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	73454	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	201125	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	209427	20.00	ng	-0.02
86) Perylene-d12	24.84	264	191650	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	107167	65.44	ng	0.00
7) Phenol-d6	7.19	99	91126	37.30	ng	0.00
23) Nitrobenzene-d5	9.17	82	226762	95.26	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	162482	167.82	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	522413	95.28	ng	-0.02
78) Terphenyl-d14	19.98	244	991983	104.41	ng	-0.02

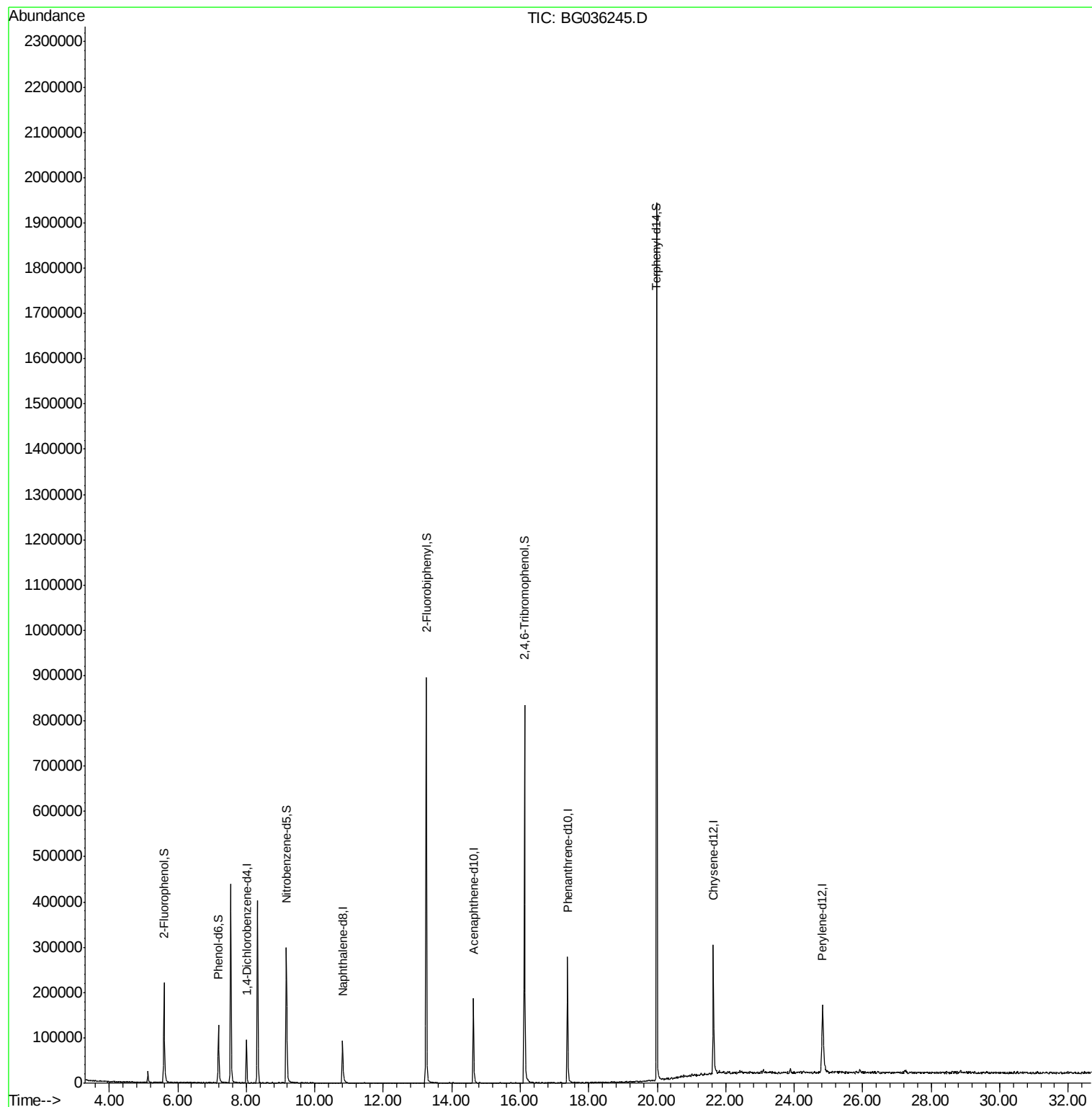
Target Compounds Qvalue

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

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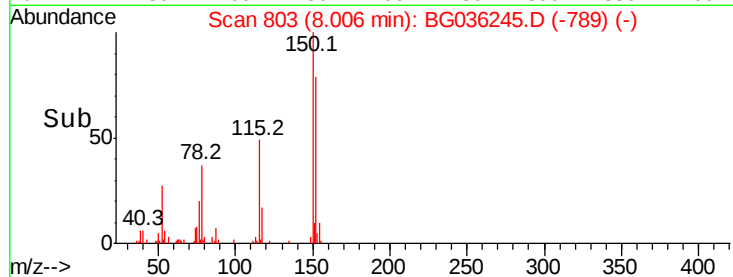
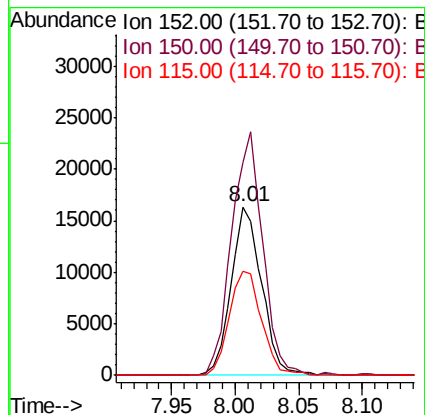
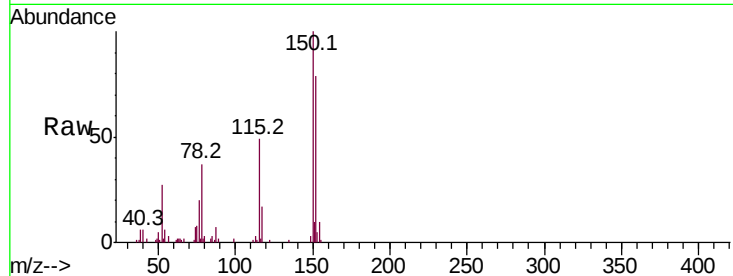


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Instrument :
BNA_G
ClientSampleId :
MW-106D

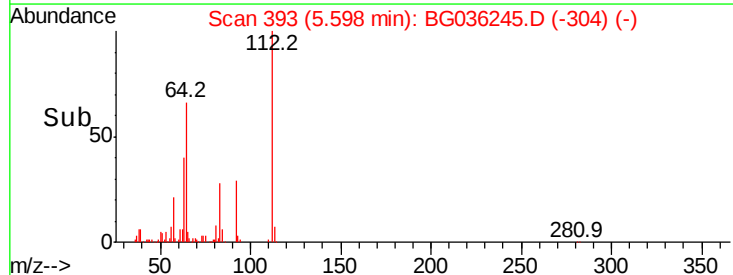
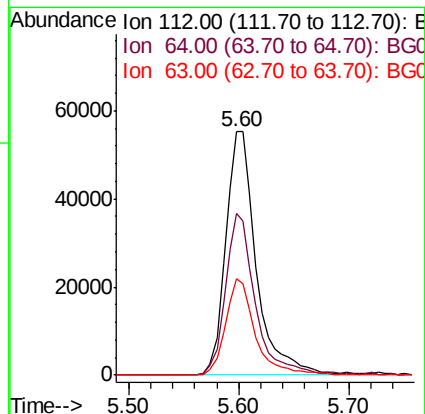
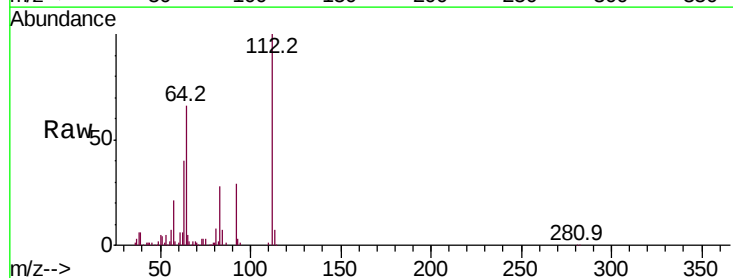
Tot Ion:152 Resp: 27188
Ion Ratio Lower Upper
152 100
150 126.6 126.6 189.8
115 61.7 53.0 79.4



#5

2-Fluorophenol
Concen: 65.442 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036245.D
Acq: 9 Aug 2018 22:52

Tgt Ion:112 Resp: 107167
Ion Ratio Lower Upper
112 100
64 66.5 56.3 84.5
63 39.8 30.1 45.1





#7

Phenol-d6

Concen: 37.297 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036245.D

Acq: 9 Aug 2018 22:52

Instrument :

BNA_G

ClientSampleId :

MW-106D

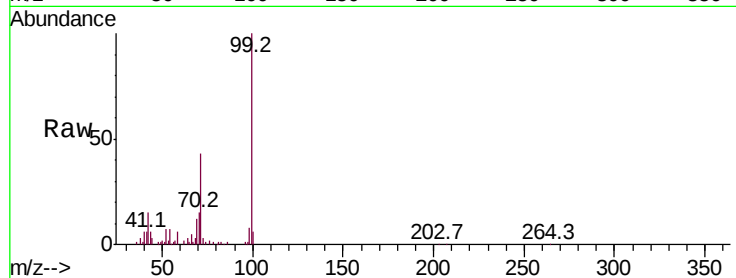
Tot Ion: 99 Resp: 91126

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

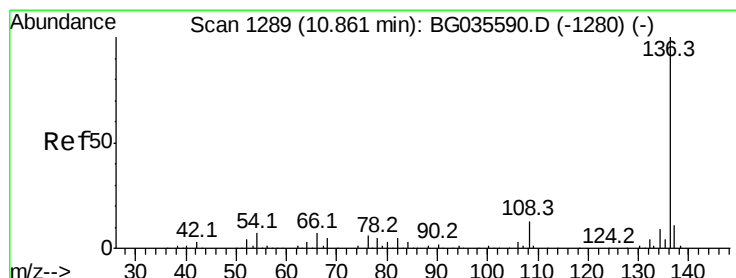
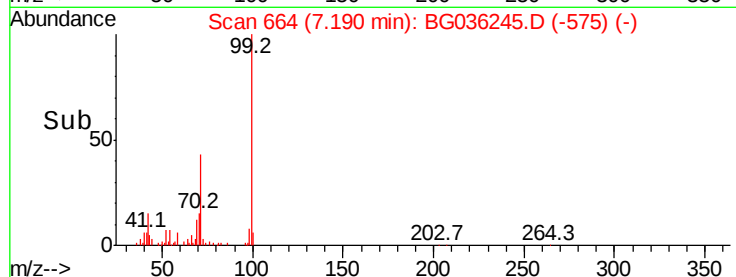
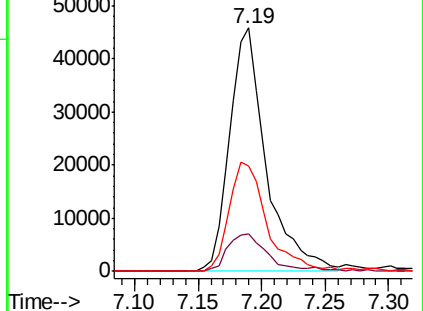
71 43.1 26.1 39.1#



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: BG036245.D

Acq: 9 Aug 2018 22:52

Tgt Ion: 136 Resp: 99445

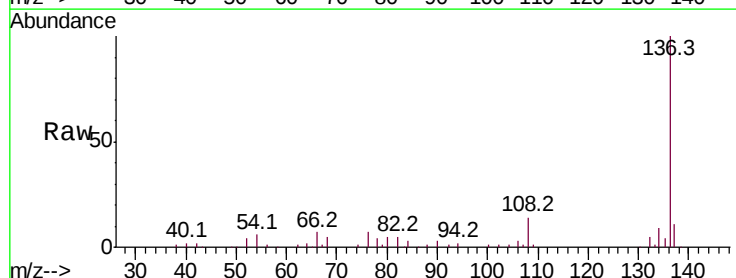
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 6.4 10.3 15.5#

68 4.9 4.5 6.7

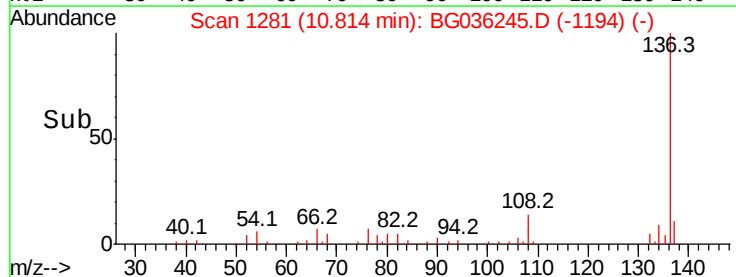
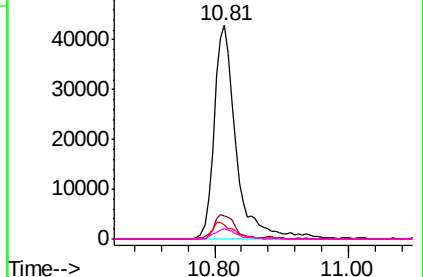


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

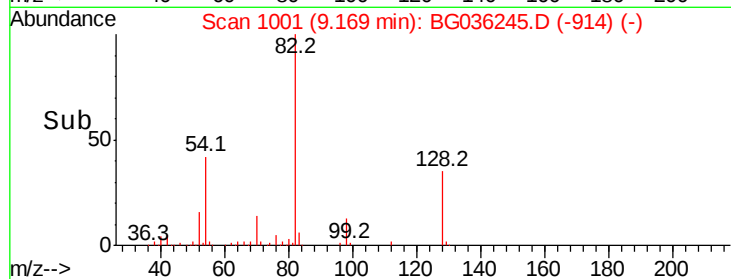
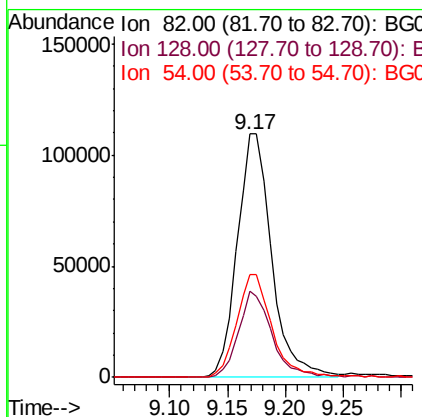
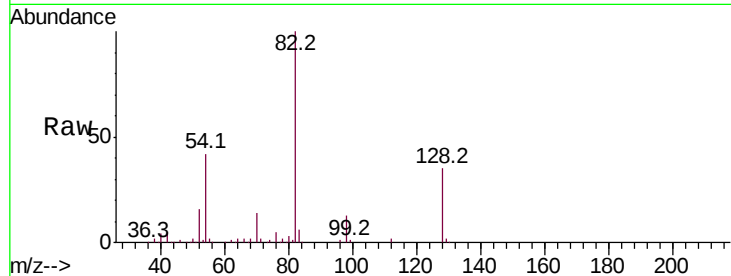




#23
 Nitrobenzene-d5
 Concen: 95.258 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036245.D
 Acq: 9 Aug 2018 22:52

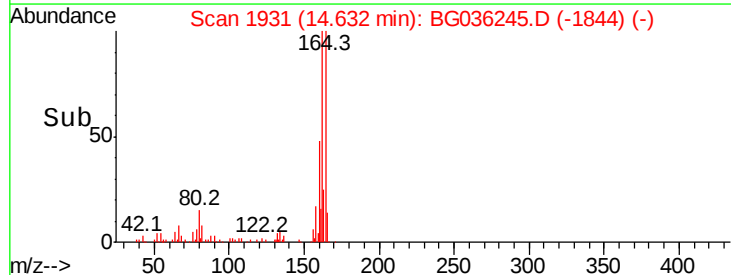
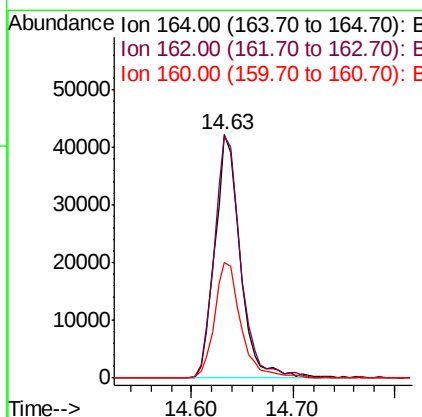
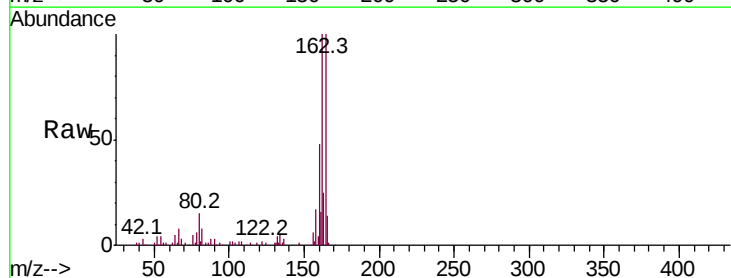
Instrument :
 BNA_G
 ClientSampled :
 MW-106D

Tot Ion	82	Resp	226762
Ion Ratio	100	Lower	Upper
128	35.4	29.7	44.5
54	42.3	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: BG036245.D
 Acq: 9 Aug 2018 22:52

Tgt Ion	164	Resp	73454
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.8	78.8	118.2
160	47.6	35.4	53.0

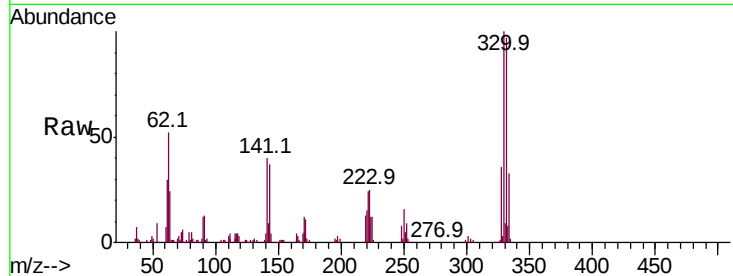




#41
 2,4,6-Tribromophenol
 Concen: 167.824 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036245.D
 Acq: 9 Aug 2018 22:52

Instrument :
 BNA_G
 ClientSampleId :
 MW-106D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	38.3	25.2	37.8#

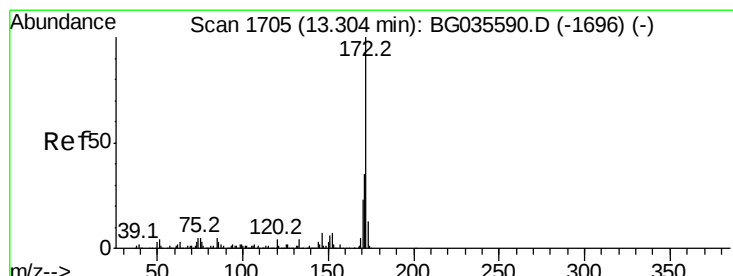
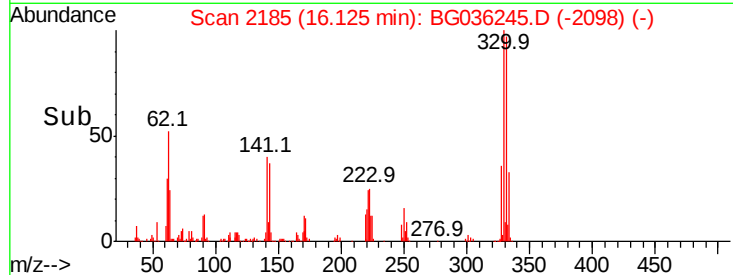
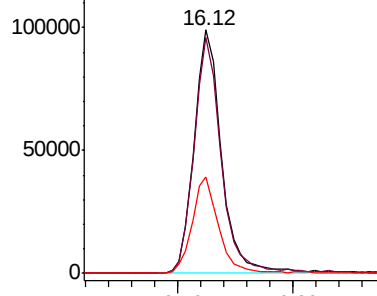


Abundance

Ion 329.80 (329.50 to 330.50): E

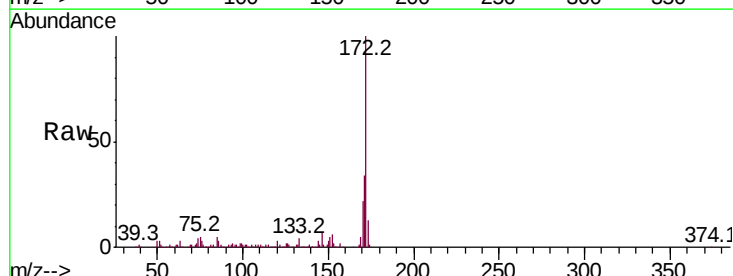
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.284 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036245.D
 Acq: 9 Aug 2018 22:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.0	45.0
170	21.6	19.5	29.3

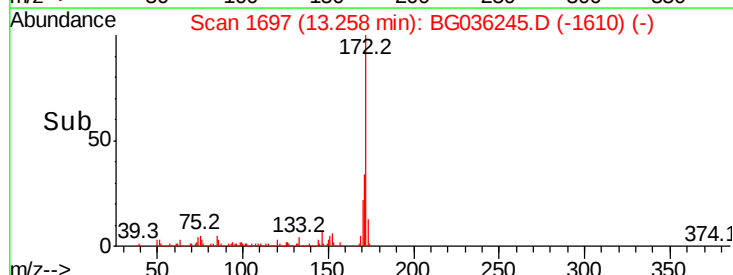
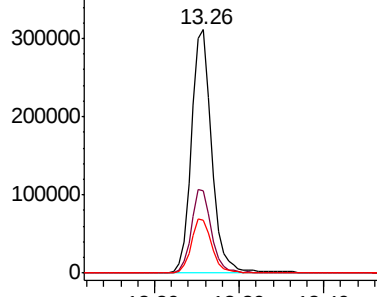


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036245.D

Acq: 9 Aug 2018 22:52

Instrument :

BNA_G

ClientSampleId :

MW-106D

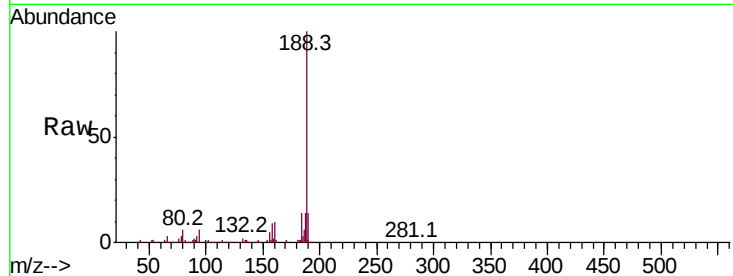
Tot Ion:188 Resp: 201125

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

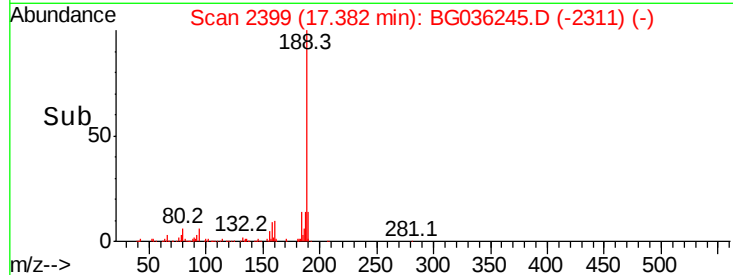
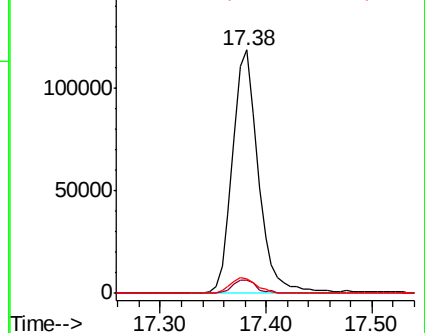
80 6.0 7.7 11.5#



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: BG036245.D

Acq: 9 Aug 2018 22:52

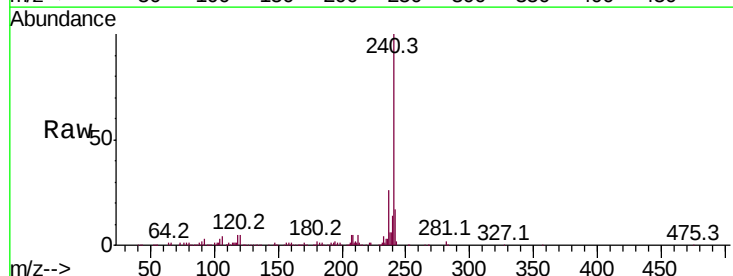
Tgt Ion:240 Resp: 209427

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

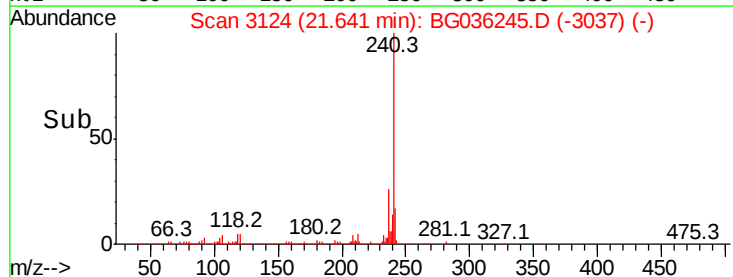
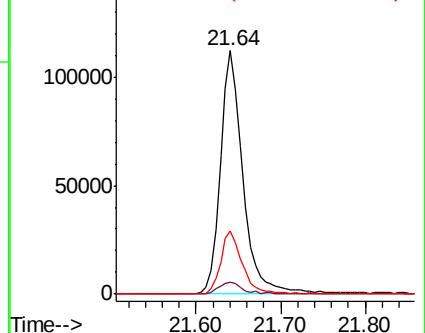
236 25.9 20.9 31.3

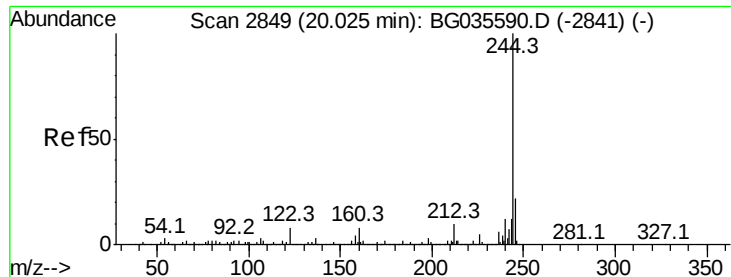


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

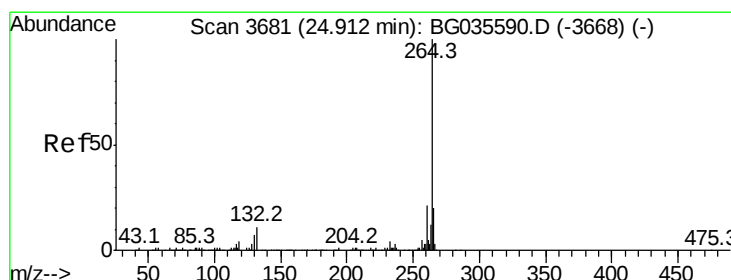
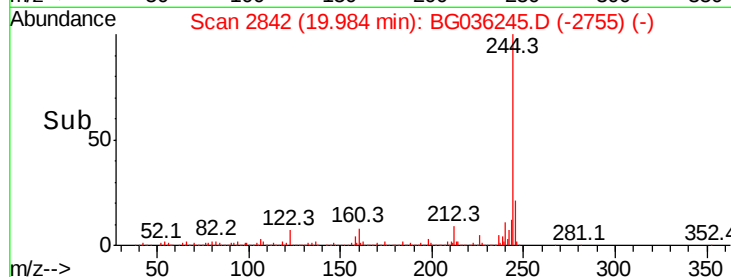
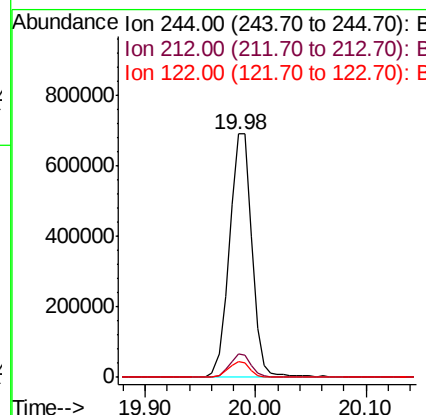
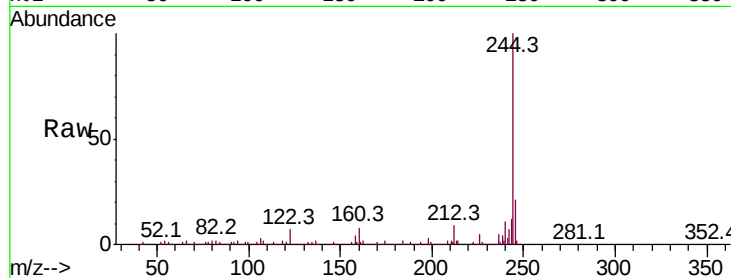




#78
 Terphenyl-d14
 Concen: 104.410 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036245.D
 Acq: 9 Aug 2018 22:52

Instrument :
 BNA_G
 ClientSampleId :
 MW-106D

Tot Ion:244 Resp: 991983
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 6.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3668
 Delta R.T. -0.02 min
 Lab File: BG036245.D
 Acq: 9 Aug 2018 22:52

Tgt Ion:264 Resp: 191650
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.4 26.0
 265 18.4 17.7 26.5

