

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036246.D
 Acq On : 9 Aug 2018 23:31
 Operator : JU/SJ
 Sample : J4379-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-105I

Quant Time: Aug 10 05:58:09 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	26873	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	94760	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	70590	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	199240	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	210961	20.00	ng	-0.02
86) Perylene-d12	24.83	264	196766	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	101330	62.60	ng	0.00
7) Phenol-d6	7.19	99	91967	38.08	ng	0.00
23) Nitrobenzene-d5	9.17	82	223712	98.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	161265	173.32	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	500336	94.96	ng	-0.02
78) Terphenyl-d14	19.98	244	1031218	107.75	ng	-0.02

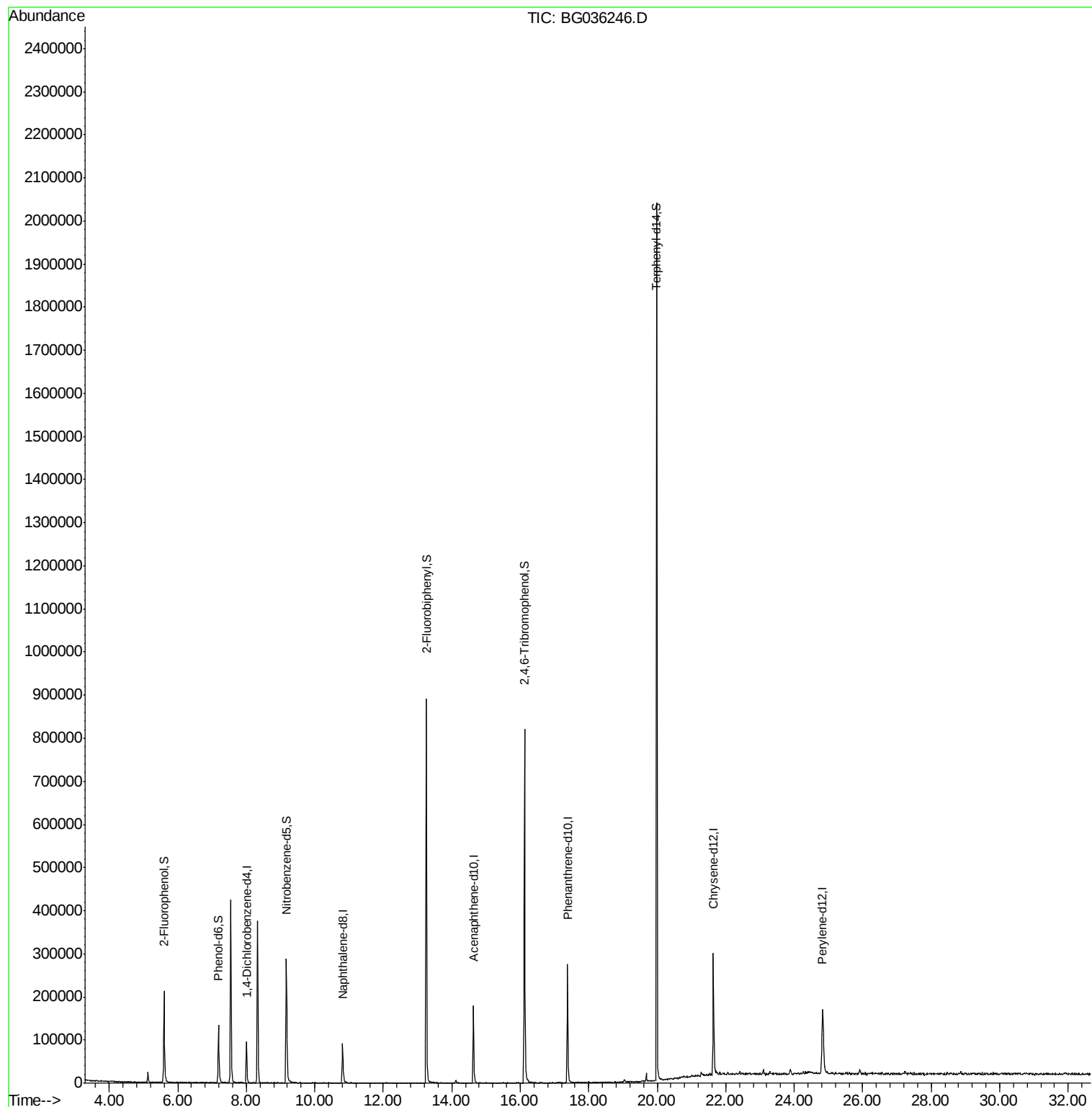
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.02 min

Lab File: BG036246.D

Acq: 9 Aug 2018 23:31

Instrument :

BNA_G

ClientSampleId :

MW-105I

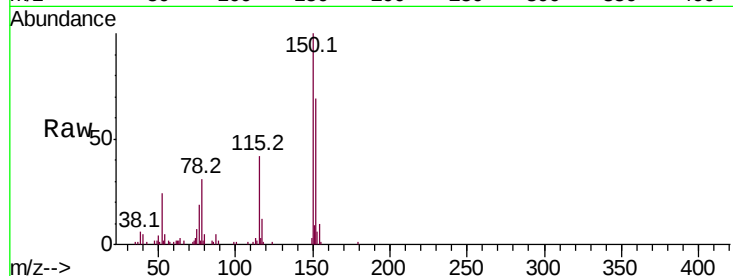
Tot Ion:152 Resp: 26873

Ion Ratio Lower Upper

152 100

150 144.5 126.6 189.8

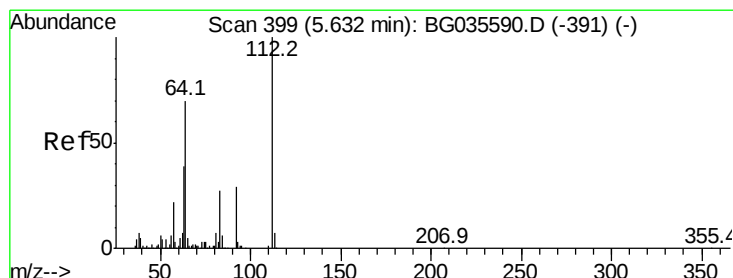
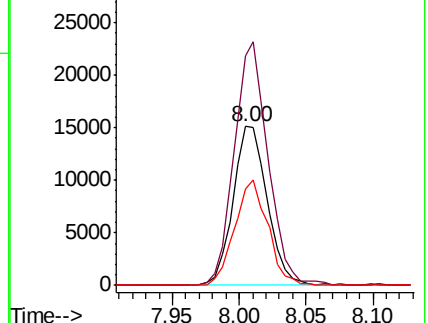
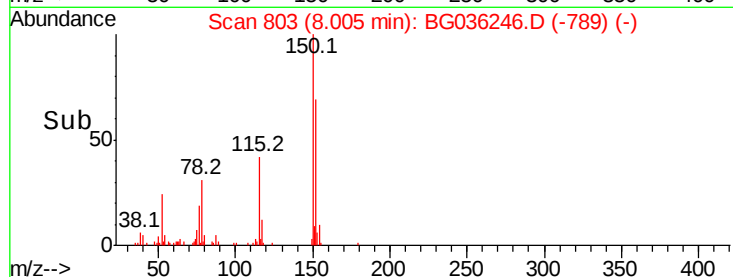
115 60.7 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 62.602 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036246.D

Acq: 9 Aug 2018 23:31

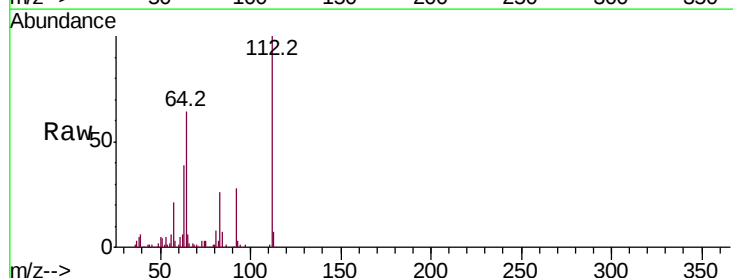
Tgt Ion:112 Resp: 101330

Ion Ratio Lower Upper

112 100

64 64.2 56.3 84.5

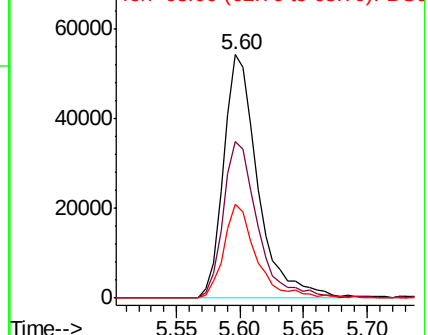
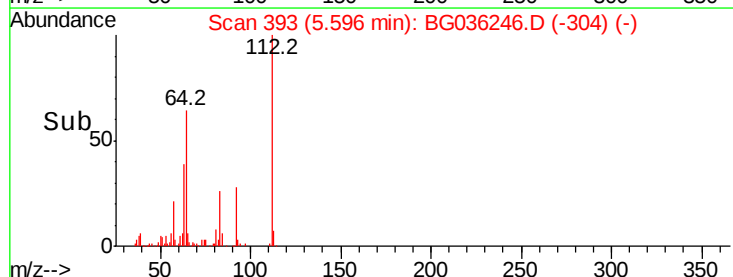
63 38.5 30.1 45.1

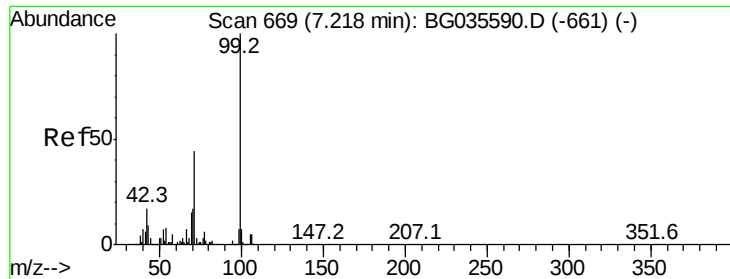


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 38.082 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036246.D

Acq: 9 Aug 2018 23:31

Instrument :

BNA_G

ClientSampleId :

MW-105I

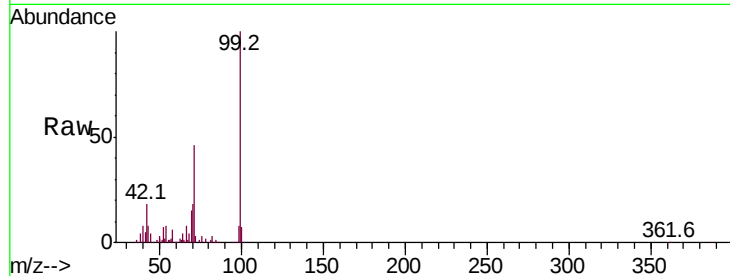
Tot Ion: 99 Resp: 91967

Ion Ratio Lower Upper

99 100

42 17.8 14.1 21.1

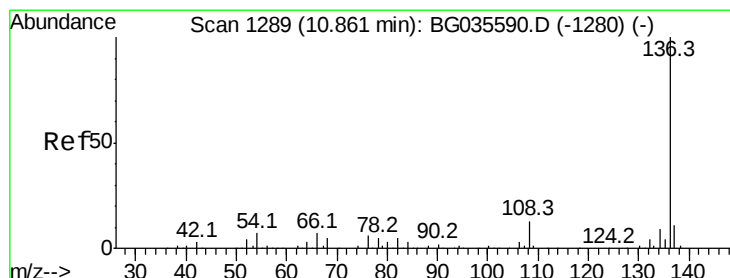
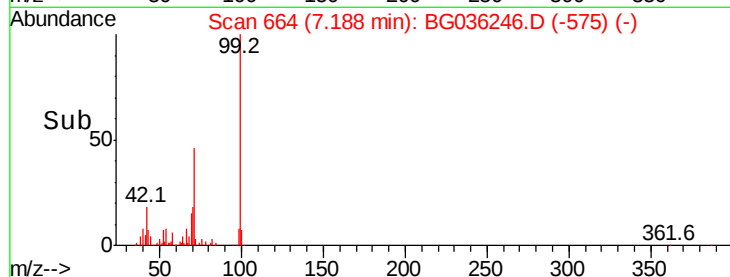
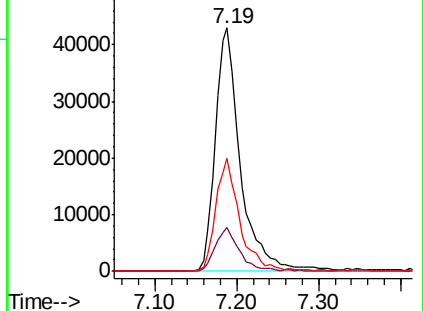
71 46.5 26.1 39.1#



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: BG036246.D

Acq: 9 Aug 2018 23:31

Tgt Ion: 136 Resp: 94760

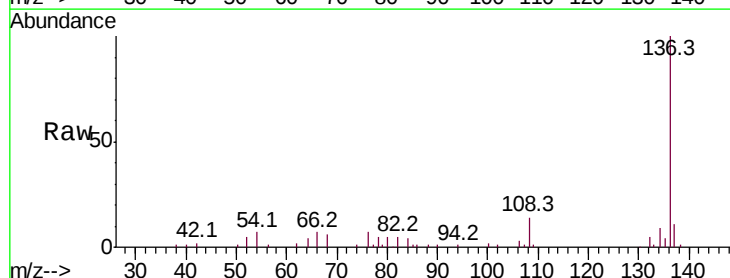
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.2 10.3 15.5#

68 6.2 4.5 6.7

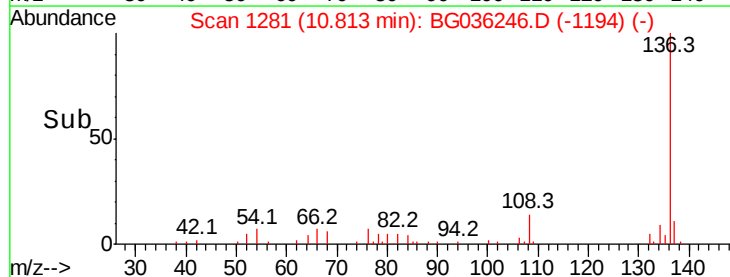
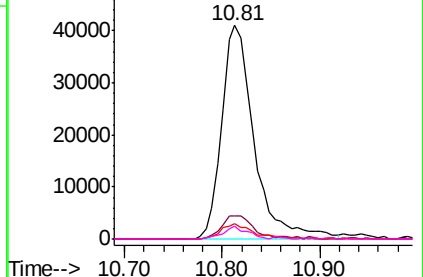


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

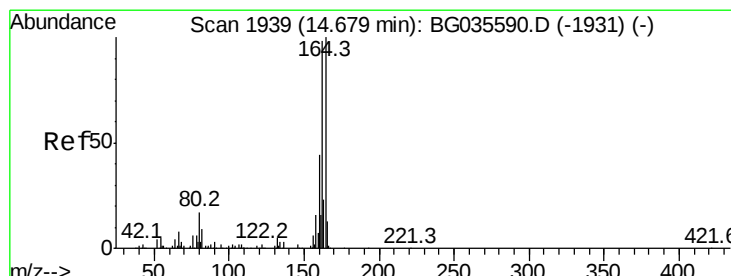
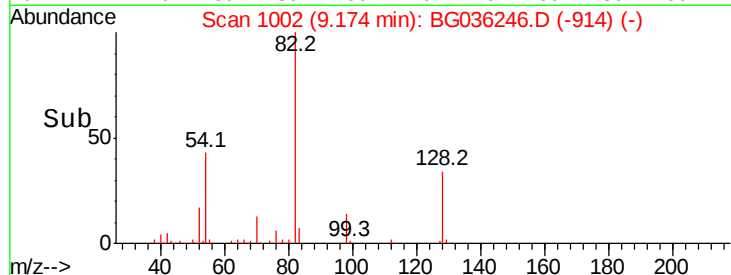
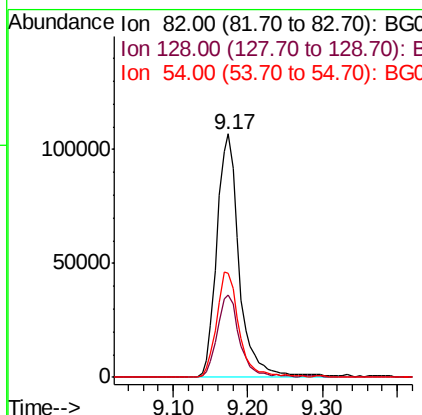
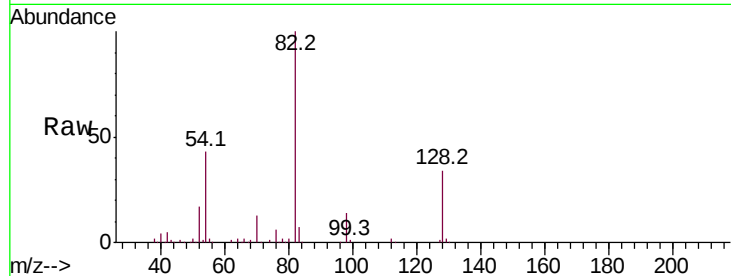




#23
Nitrobenzene-d5
Concen: 98.623 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036246.D
Acq: 9 Aug 2018 23:31

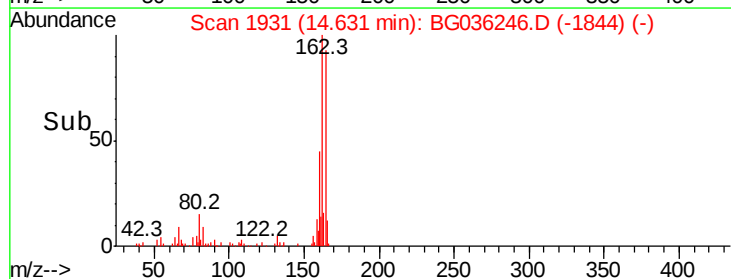
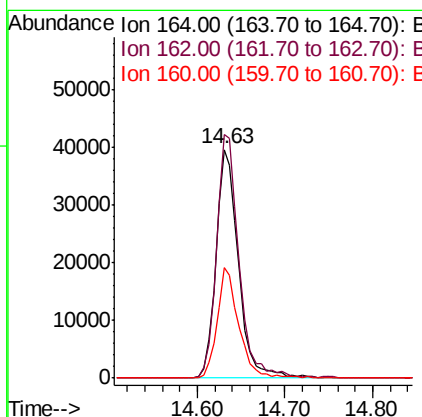
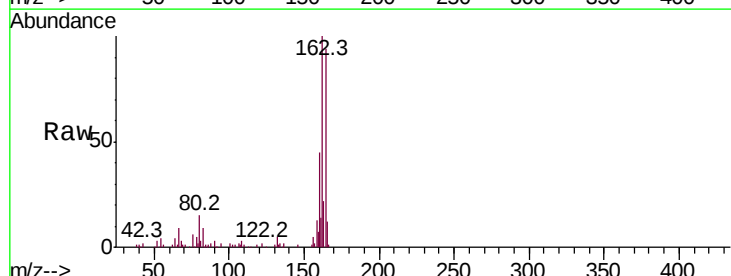
Instrument :
BNA_G
ClientSampleId :
MW-105I

Tot Ion: 82 Resp: 223712
Ion Ratio Lower Upper
82 100
128 33.6 29.7 44.5
54 42.8 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: BG036246.D
Acq: 9 Aug 2018 23:31

Tgt Ion:164 Resp: 70590
Ion Ratio Lower Upper
164 100
162 106.6 78.8 118.2
160 48.4 35.4 53.0

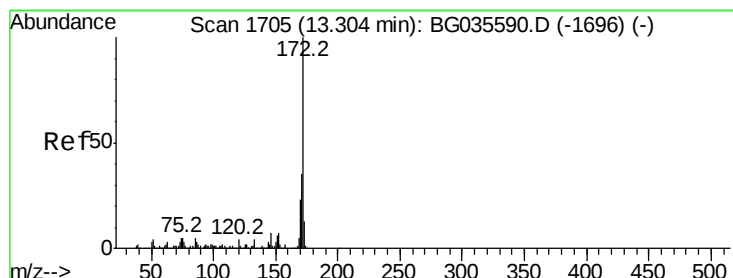
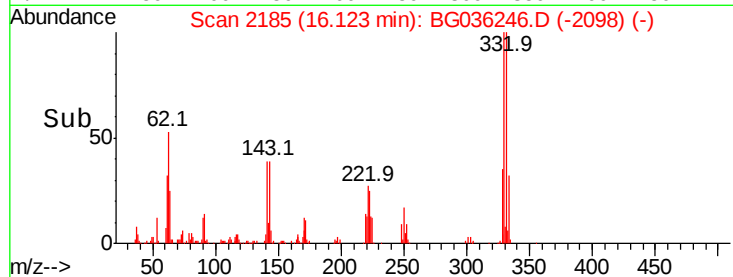
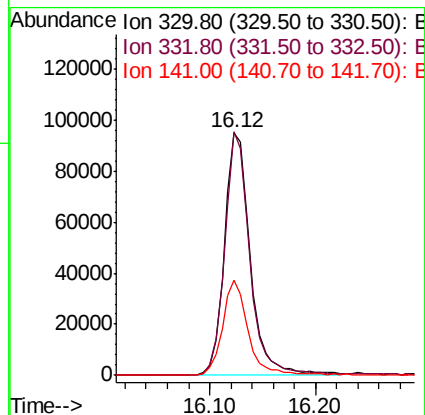
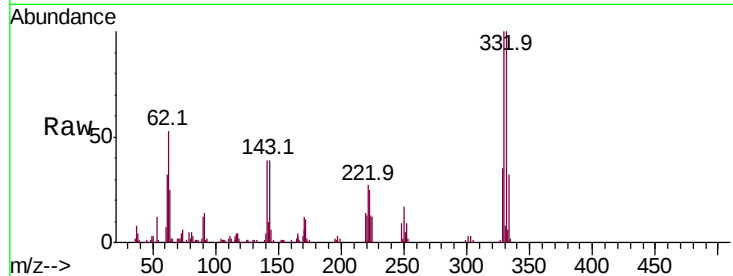




#41
 2,4,6-Tribromophenol
 Concen: 173.325 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036246.D
 Acq: 9 Aug 2018 23:31

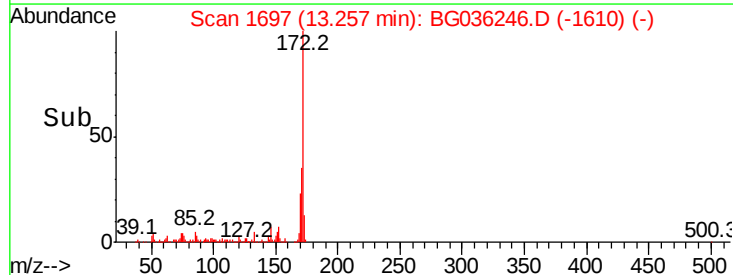
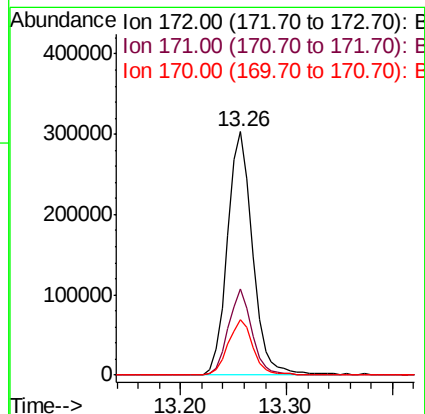
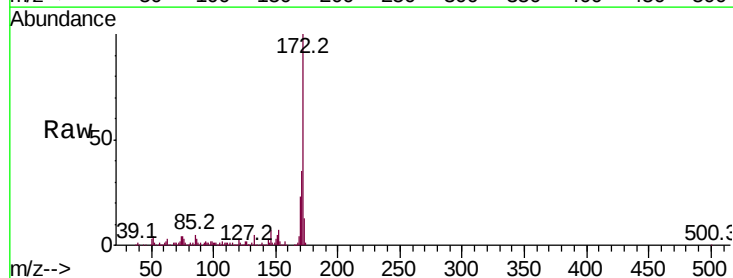
Instrument :
 BNA_G
 ClientSampleId :
 MW-105I

Tot Ion:330 Resp: 161265
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 38.5 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 94.960 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036246.D
 Acq: 9 Aug 2018 23:31

Tgt Ion:172 Resp: 500336
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 22.9 19.5 29.3

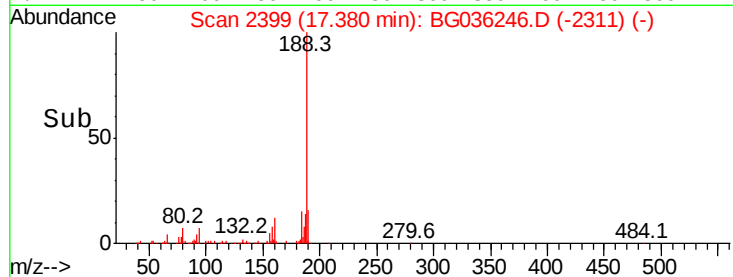
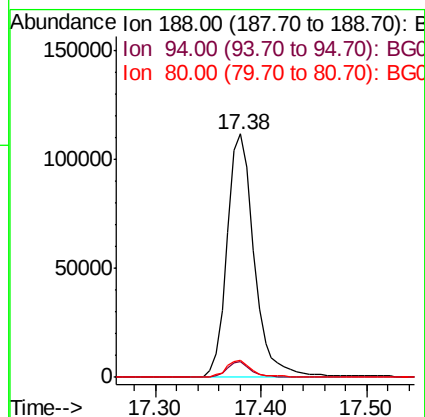
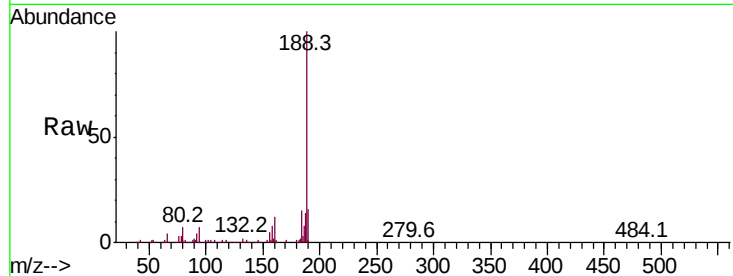




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036246.D
Acq: 9 Aug 2018 23:31

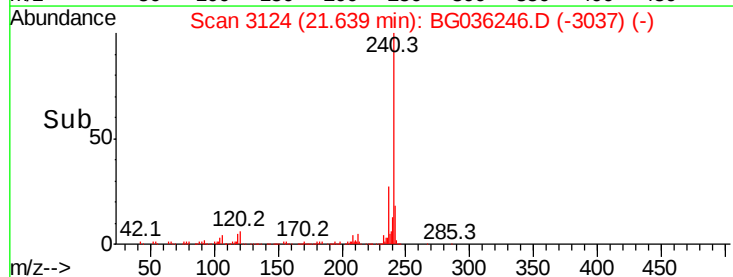
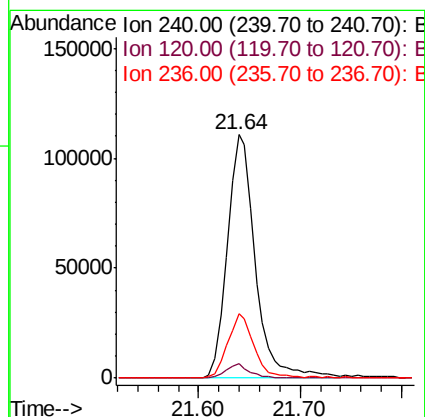
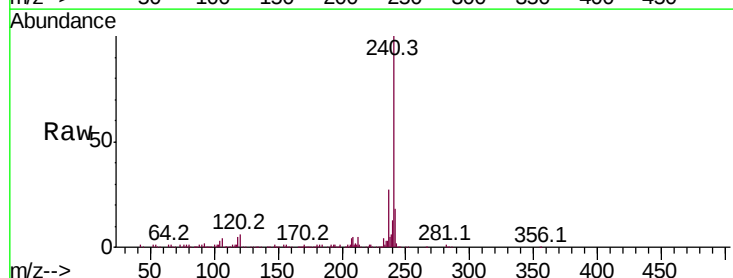
Instrument :
BNA_G
ClientSampleId :
MW-105I

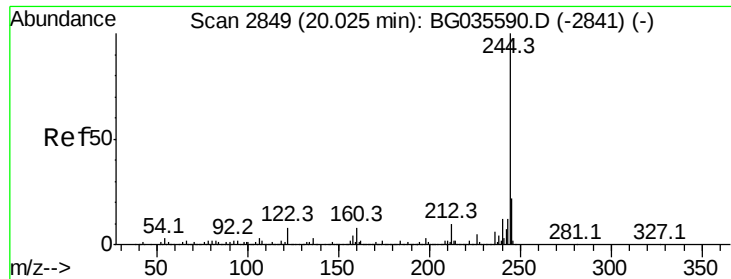
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	6.9	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036246.D
Acq: 9 Aug 2018 23:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	26.6	20.9	31.3

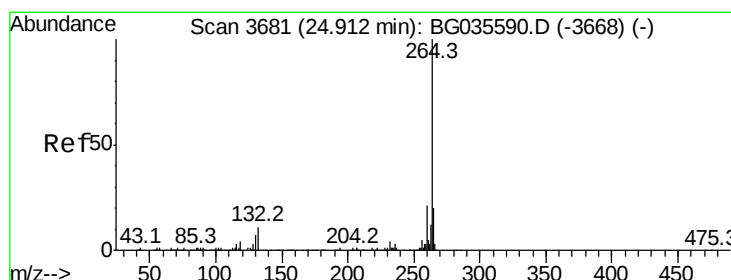
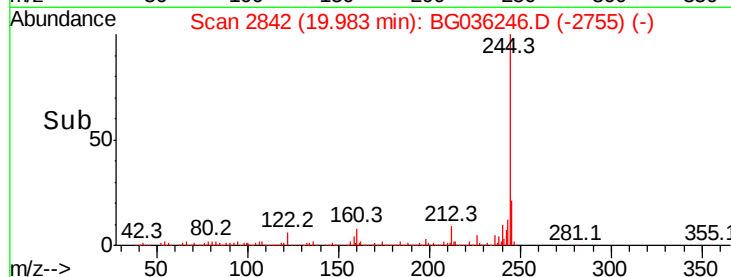
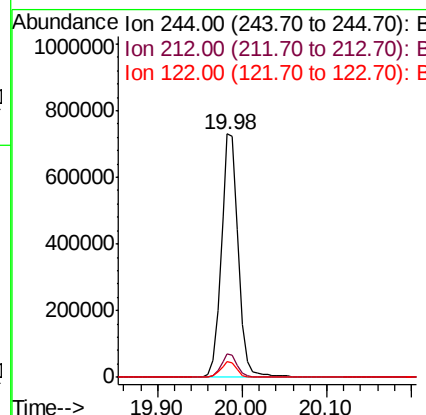
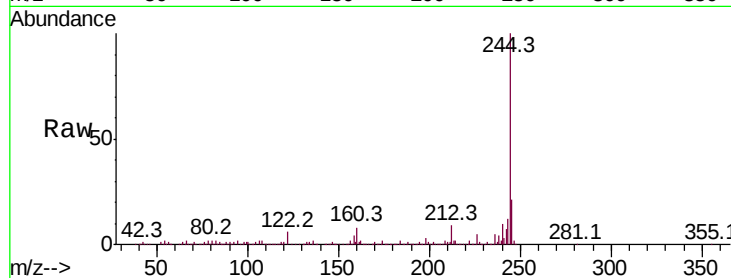




#78
 Terphenyl-d14
 Concen: 107.750 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036246.D
 Acq: 9 Aug 2018 23:31

Instrument :
 BNA_G
 ClientSampleId :
 MW-105I

Tot Ion:244 Resp: 1031218
 Ion Ratio Lower Upper
 244 100
 212 9.4 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: BG036246.D
 Acq: 9 Aug 2018 23:31

Tgt Ion:264 Resp: 196766
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.4 26.0
 265 22.1 17.7 26.5

