

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036390.D
 Acq On : 23 Aug 2018 23:26
 Operator : JU/SJ
 Sample : J4522-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Aug 24 04:01:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

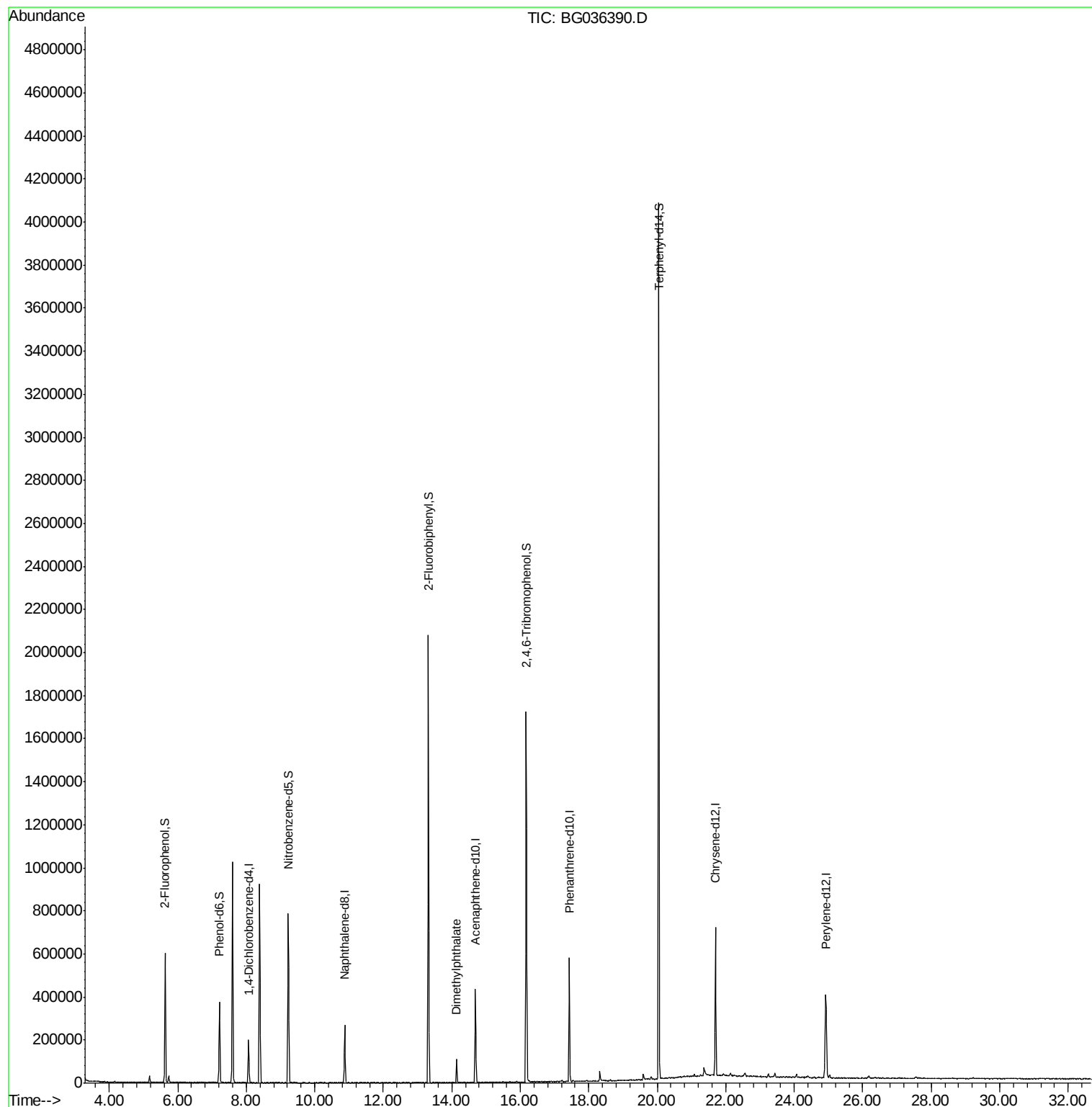
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	54632	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	227191	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	146706	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	368920	20.00	ng	0.00
75) Chrysene-d12	21.70	240	412609	20.00	ng	0.00
86) Perylene-d12	24.92	264	426289	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	250417	72.71	ng	0.00
7) Phenol-d6	7.22	99	217148	44.04	ng	0.00
23) Nitrobenzene-d5	9.23	82	471852	112.69	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	317844	181.57	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1076313	104.75	ng	0.00
78) Terphenyl-d14	20.05	244	1766053	100.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.14	163	69527	5.804	ng	Qvalue # 97

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

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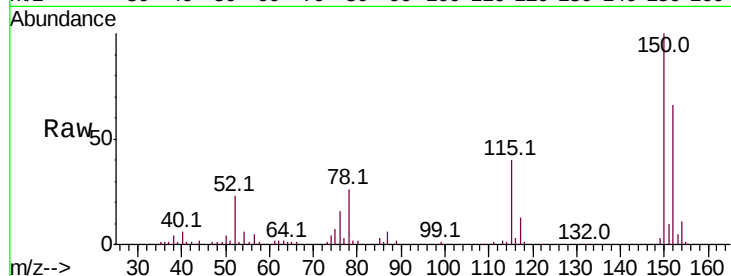


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG036390.D
 Acq: 23 Aug 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	119.5	179.3
115	60.6	44.5	66.7

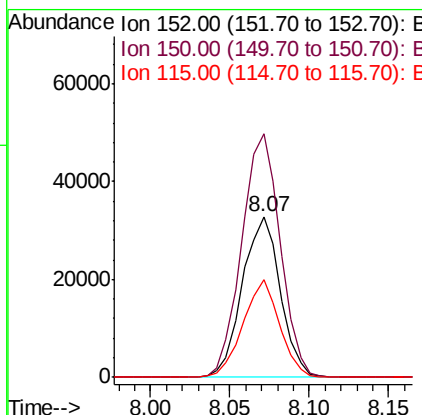
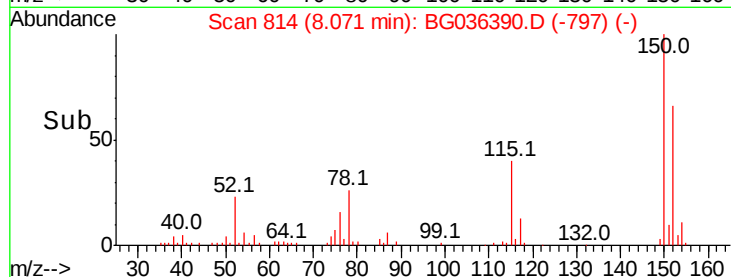


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

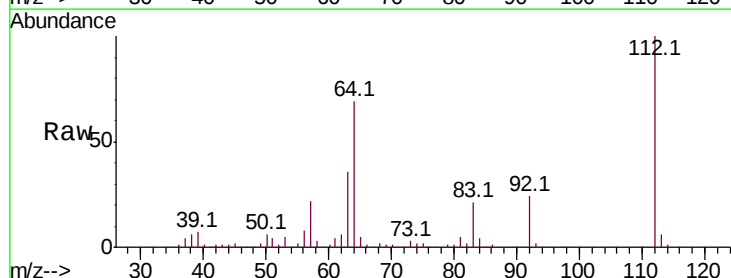
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 72.711 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036390.D
 Acq: 23 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.2	85.8
63	35.6	30.8	46.2

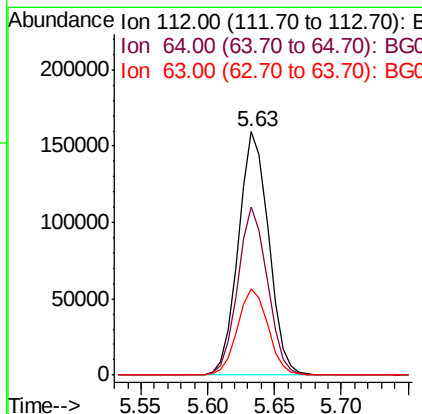
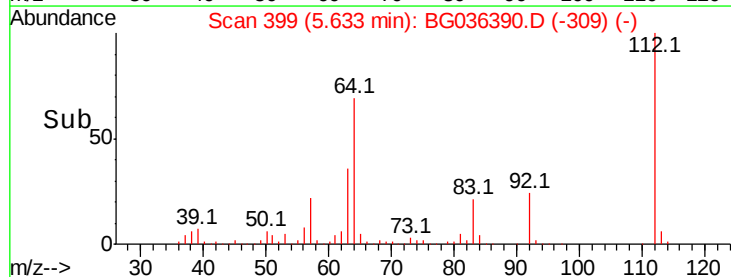


Abundance

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: 44.038 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036390.D

Acq: 23 Aug 2018 23:26

Instrument :

BNA_G

ClientSampleId :

MW-4

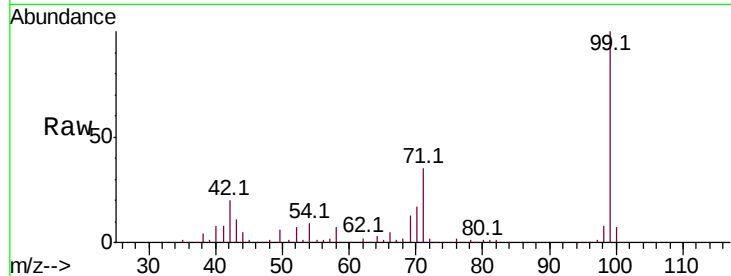
Tot Ion: 99 Resp: 217148

Ion Ratio Lower Upper

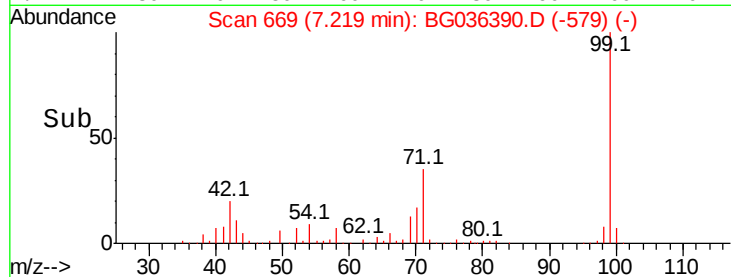
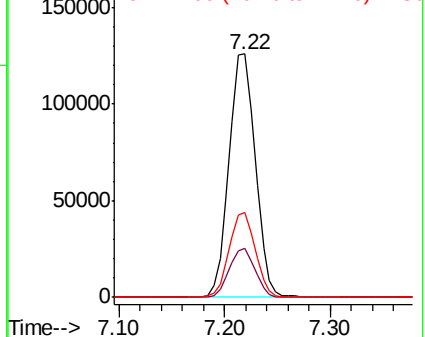
99 100

42 20.3 16.5 24.7

71 34.9 29.4 44.2



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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036390.D

Acq: 23 Aug 2018 23:26

Tgt Ion: 136 Resp: 227191

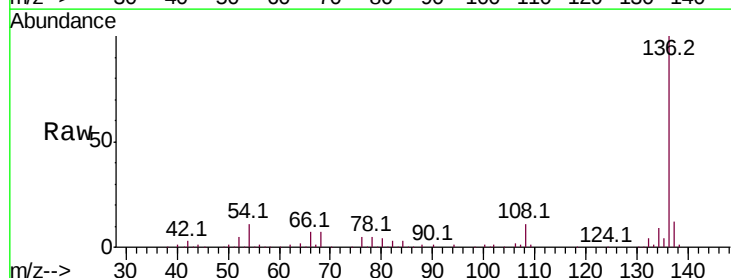
Ion Ratio Lower Upper

136 100

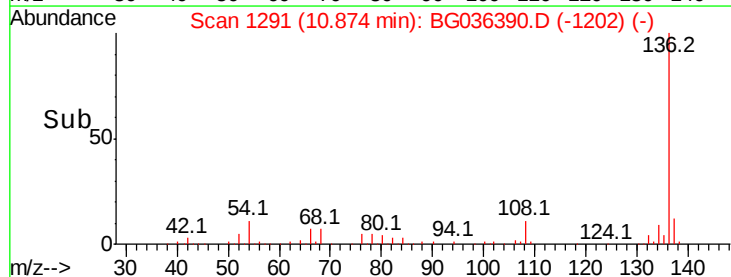
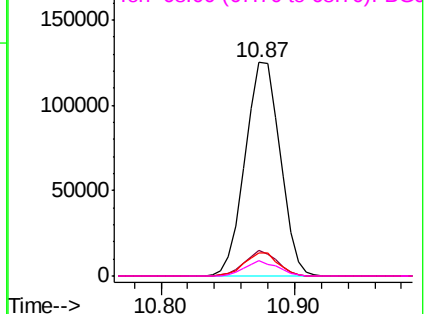
137 11.8 8.8 13.2

54 10.7 9.2 13.8

68 7.3 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

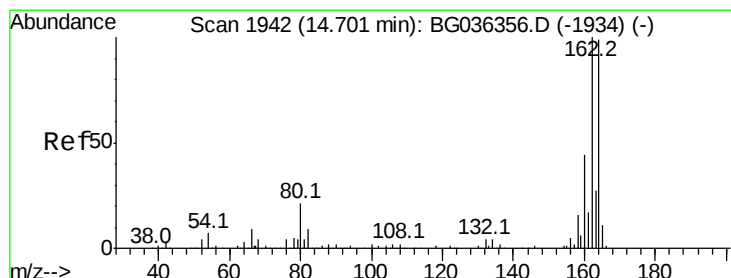
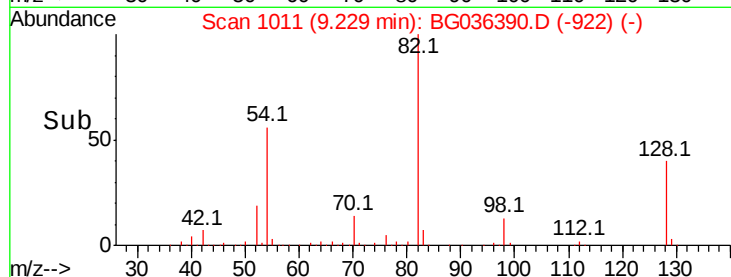
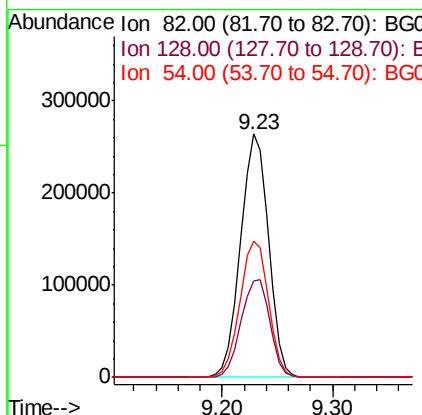
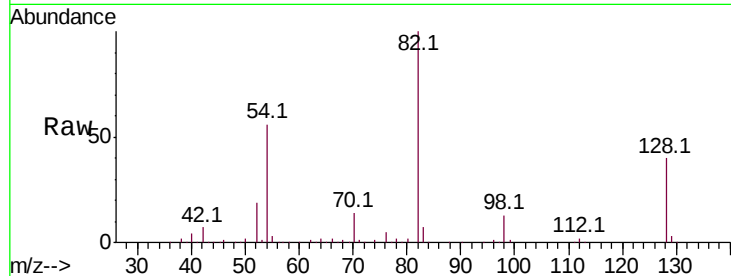




#23
 Nitrobenzene-d5
 Concen: 112.686 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036390.D
 Acq: 23 Aug 2018 23:26

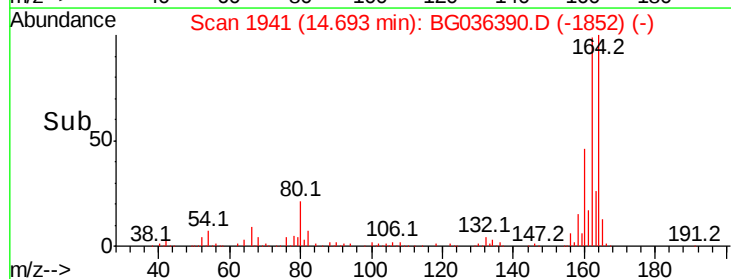
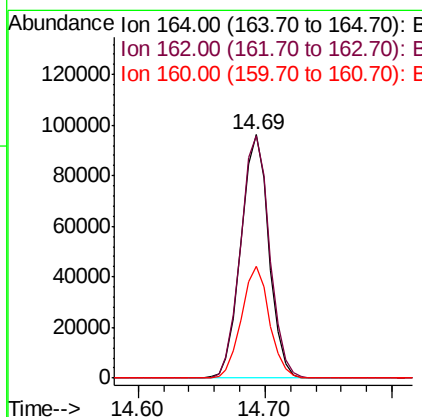
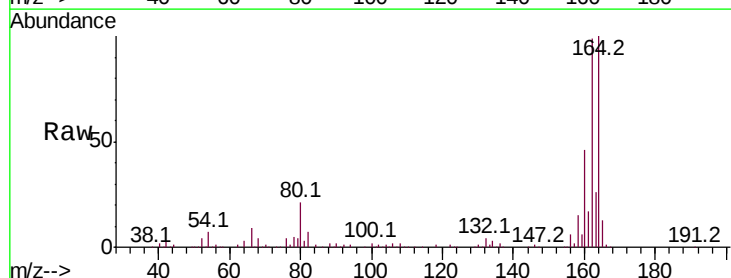
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

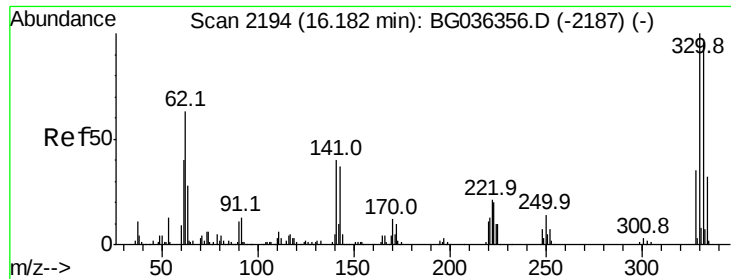
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.3	49.9
54	56.0	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036390.D
 Acq: 23 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.7	121.1
160	45.7	35.3	52.9

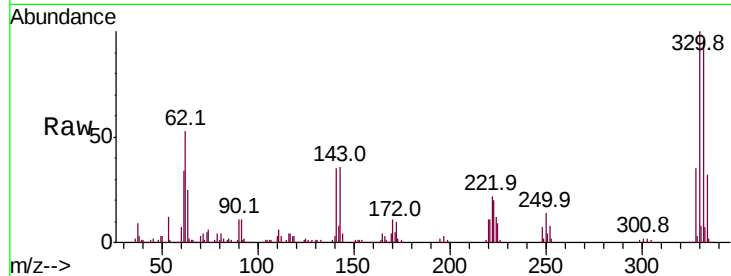




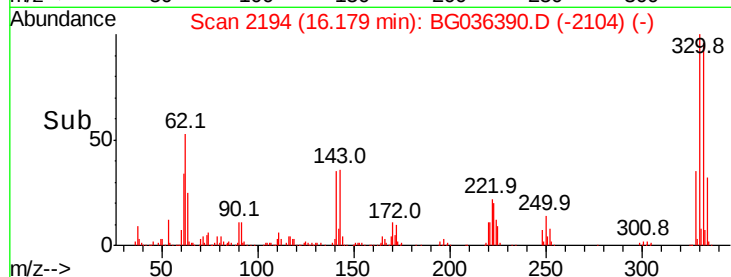
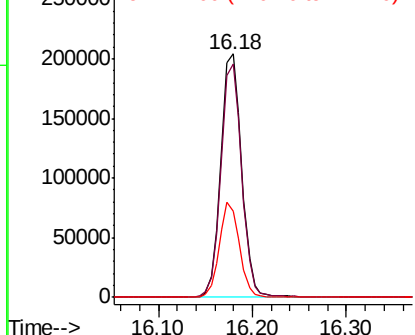
#41
 2,4,6-Tribromophenol
 Concen: 181.570 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036390.D
 Acq: 23 Aug 2018 23:26

Instrument :
 BNA_G
 ClientSampled :
 MW-4

Tot Ion:330 Resp: 317844
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.2
 141 37.4 30.7 46.1

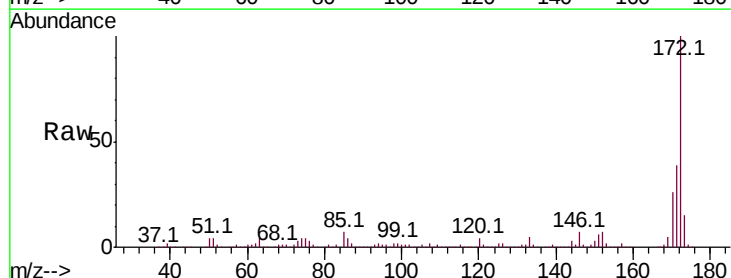


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

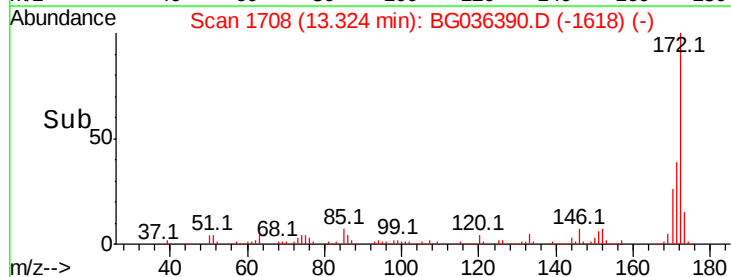
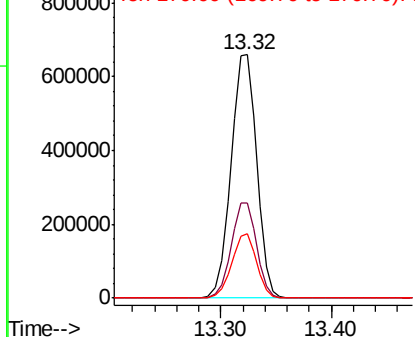


#44
 2-Fluorobiphenyl
 Concen: 104.752 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036390.D
 Acq: 23 Aug 2018 23:26

Tgt Ion:172 Resp: 1076313
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.3 46.9
 170 26.5 21.0 31.6



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

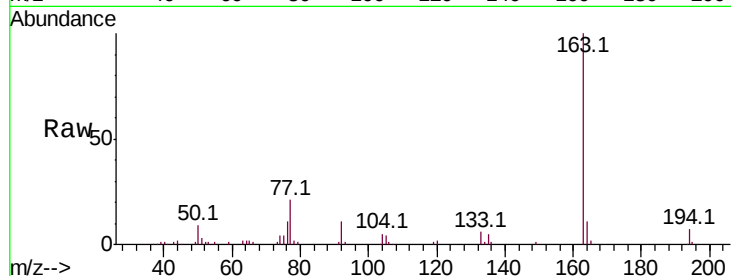




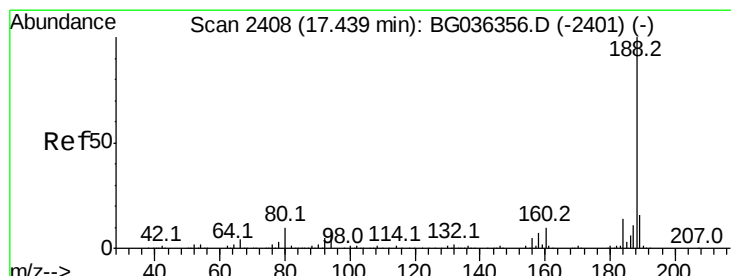
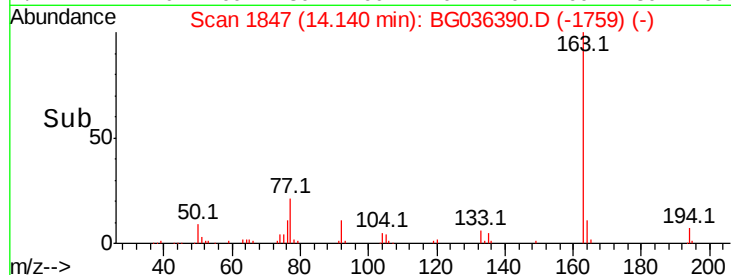
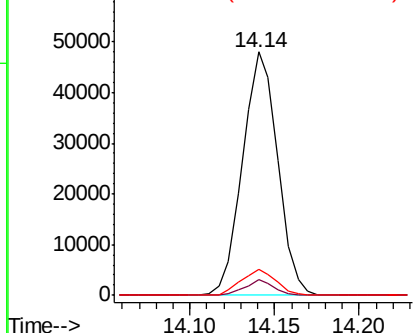
#49
Dimethylphthalate
Concen: 5.804 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BG036390.D
Acq: 23 Aug 2018 23:26

Instrument :
BNA_G
ClientSampleId :
MW-4

Tot Ion:163 Resp: 69527
Ion Ratio Lower Upper
163 100
194 6.7 4.0 6.0#
164 10.6 8.1 12.1

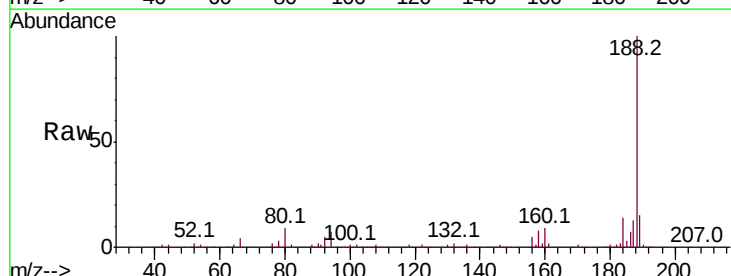


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

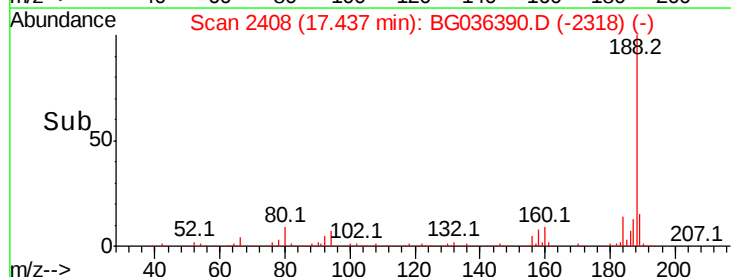
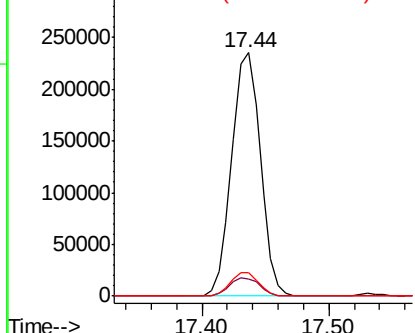


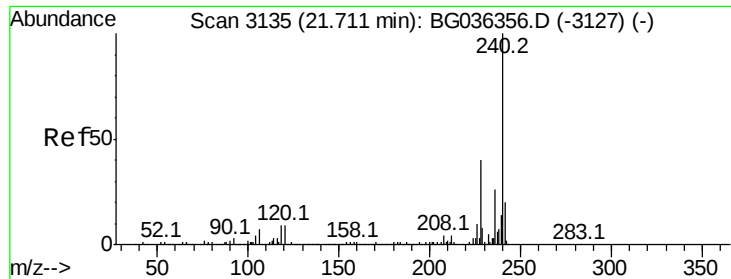
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG036390.D
Acq: 23 Aug 2018 23:26

Tgt Ion:188 Resp: 368920
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036390.D

Acq: 23 Aug 2018 23:26

Instrument :

BNA_G

ClientSampleId :

MW-4

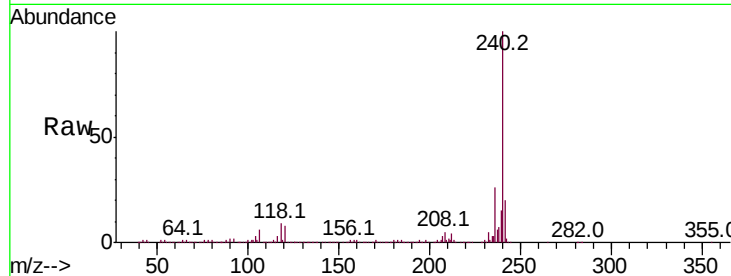
Tot Ion:240 Resp: 412609

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

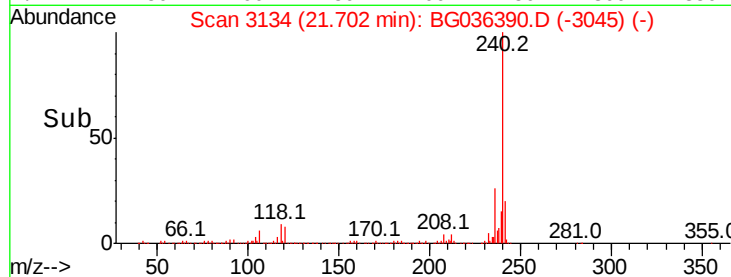
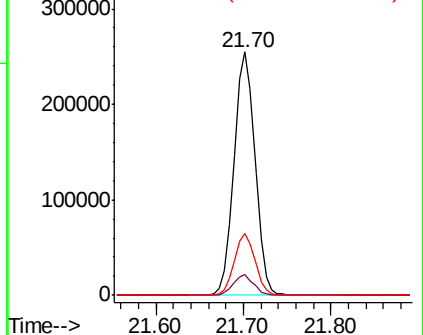
236 25.6 21.2 31.8



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: 100.043 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036390.D

Acq: 23 Aug 2018 23:26

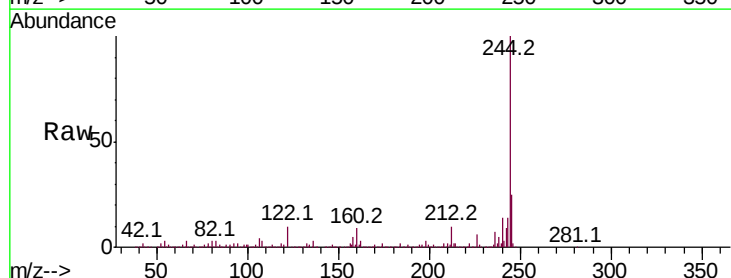
Tgt Ion:244 Resp: 1766053

Ion Ratio Lower Upper

244 100

212 9.9 7.0 10.6

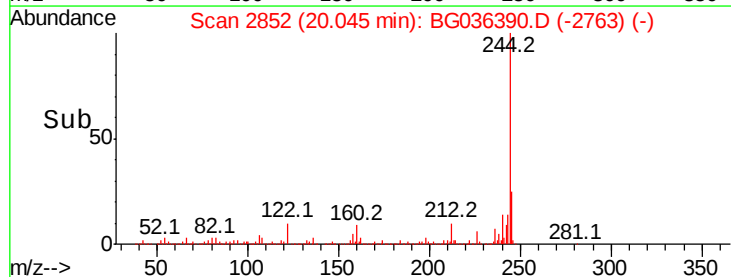
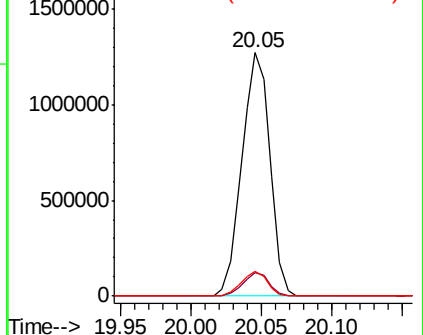
122 10.1 7.1 10.7

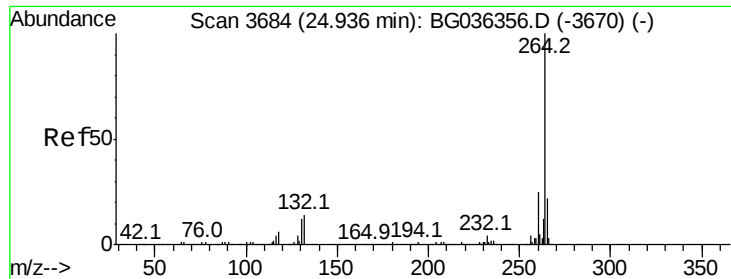


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.01 min
Lab File: BG036390.D
Acq: 23 Aug 2018 23:26

Instrument :
BNA_G
ClientSampleId :
MW-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.6	17.4	26.0

