

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036891.D
 Acq On : 22 Sep 2018 12:56
 Operator : JU/SJ
 Sample : J5019-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091918-DBRI-E-D-B

Quant Time: Sep 24 04:16:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

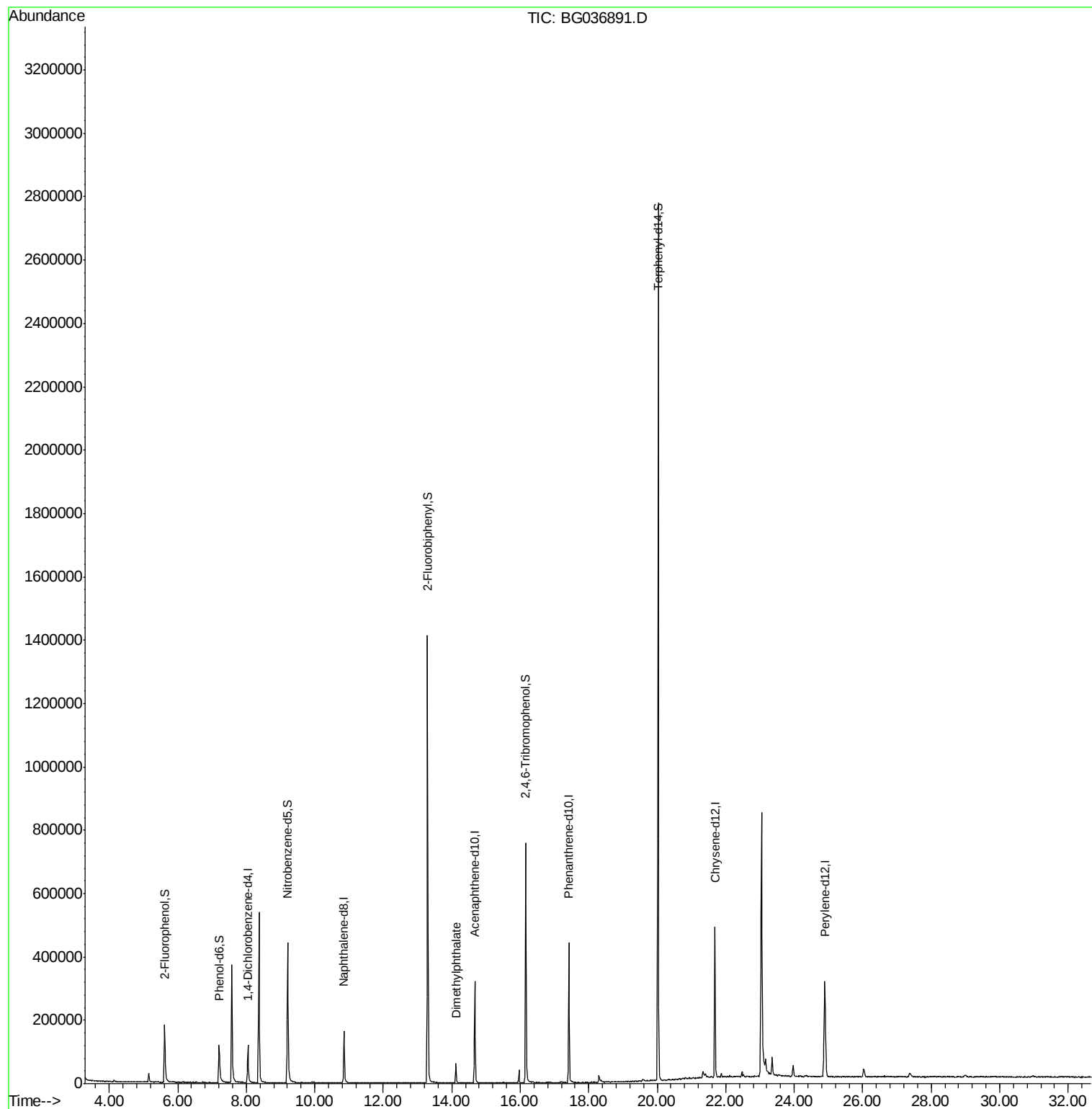
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	37760	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	159768	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	114177	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	295760	20.00	ng	0.00
75) Chrysene-d12	21.68	240	311095	20.00	ng	0.00
86) Perylene-d12	24.89	264	315344	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	98031	49.79	ng	0.00
7) Phenol-d6	7.21	99	90791	29.80	ng	0.00
23) Nitrobenzene-d5	9.21	82	322125	107.97	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	155748	114.01	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	790260	103.09	ng	0.00
78) Terphenyl-d14	20.03	244	1366669	115.52	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	47769	5.198	ng	Qvalue 99

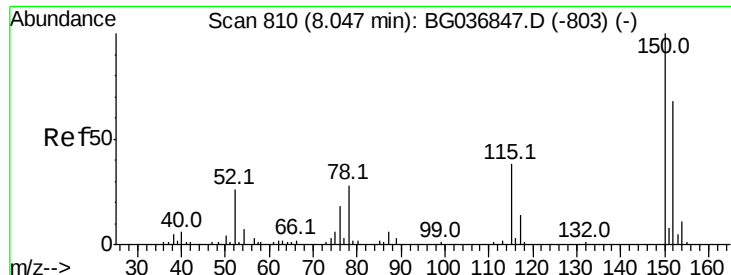
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

Instrument :

BNA_G

ClientSampleId :

091918-DBRI-E-D-B

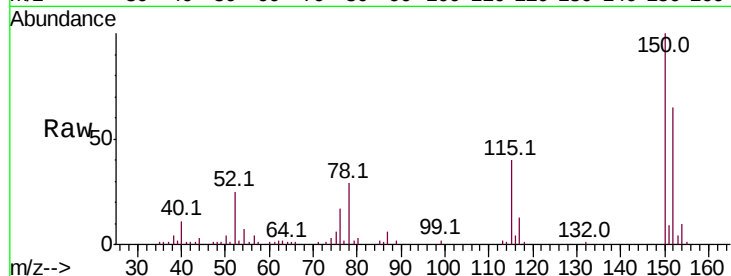
Tot Ion:152 Resp: 37760

Ion Ratio Lower Upper

152 100

150 154.4 119.5 179.3

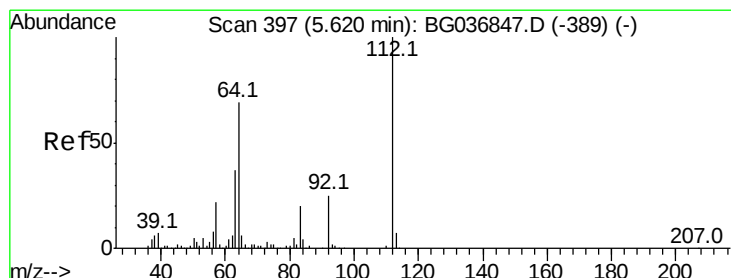
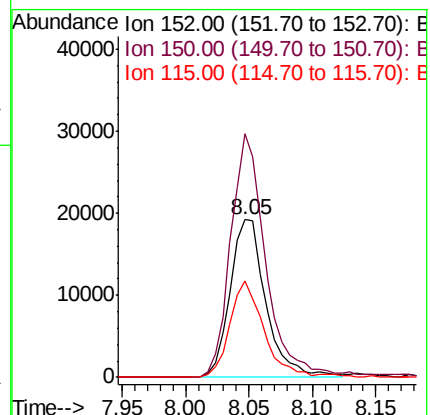
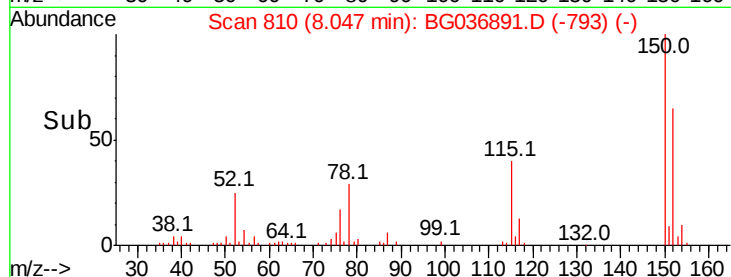
115 61.5 44.5 66.7



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: 49.789 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

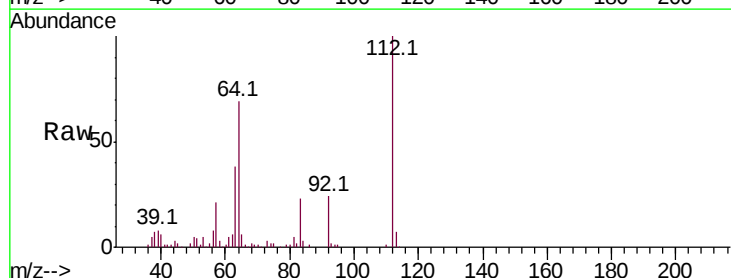
Tgt Ion:112 Resp: 98031

Ion Ratio Lower Upper

112 100

64 68.7 57.2 85.8

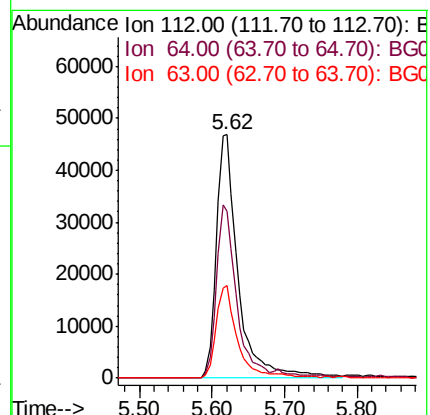
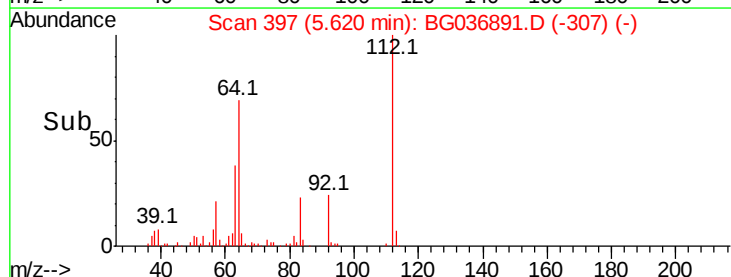
63 37.8 30.8 46.2



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: 29.804 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

Instrument :

BNA_G

ClientSampleId :

091918-DBRI-E-D-B

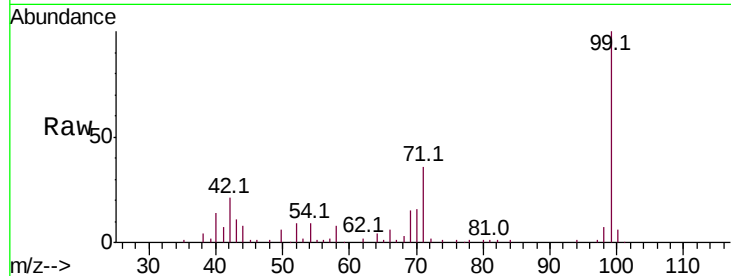
Tot Ion: 99 Resp: 90791

Ion Ratio Lower Upper

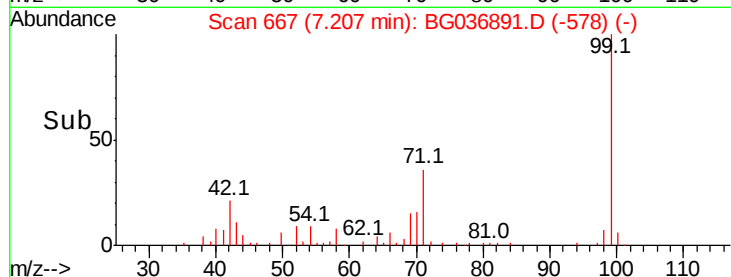
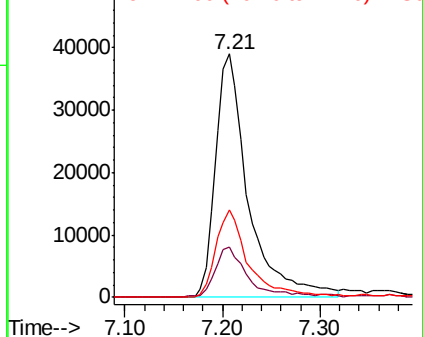
99 100

42 20.6 16.5 24.7

71 35.7 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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

Tgt Ion:136 Resp: 159768

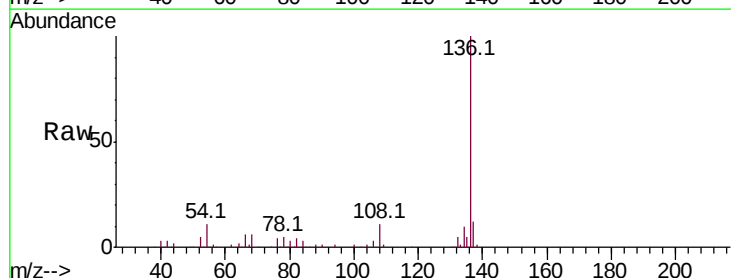
Ion Ratio Lower Upper

136 100

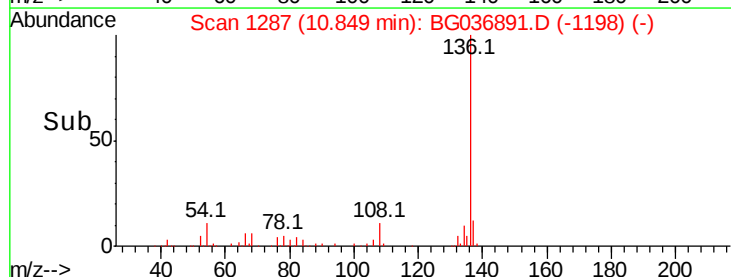
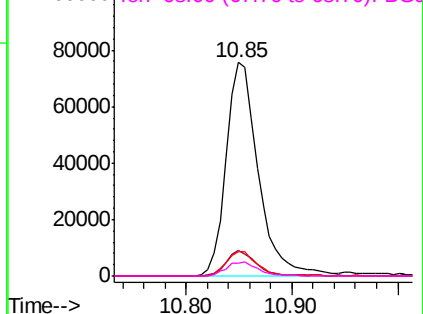
137 11.8 8.8 13.2

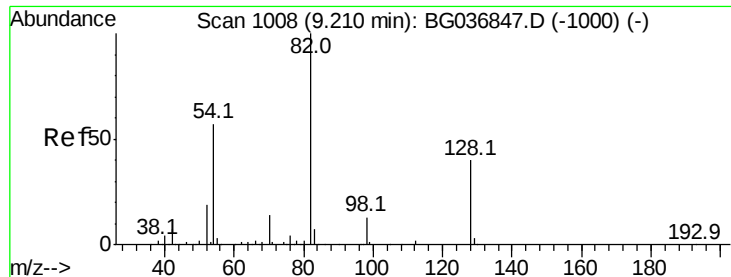
54 11.5 9.2 13.8

68 6.0 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

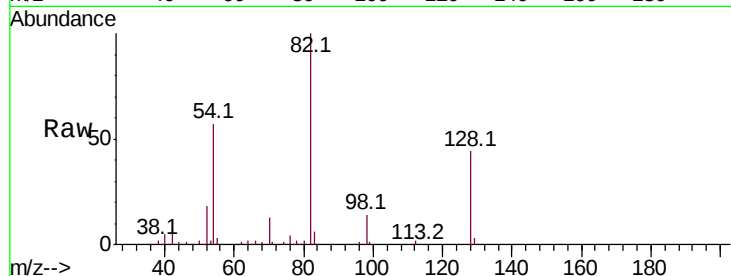




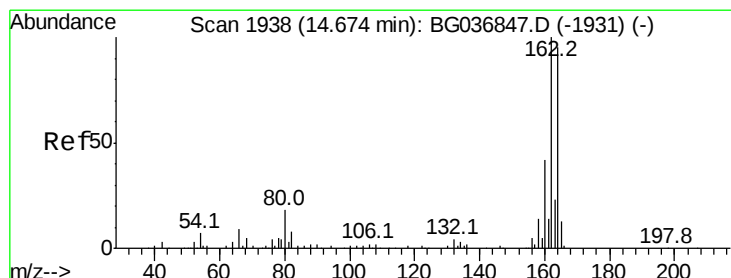
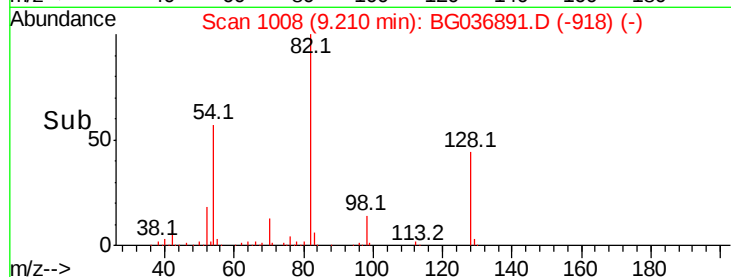
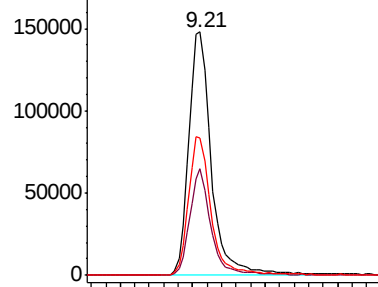
#23
 Nitrobenzene-d5
 Concen: 107.970 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BG036891.D
 Acq: 22 Sep 2018 12:56

Instrument :
 BNA_G
 ClientSampleId :
 091918-DBRI-E-D-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.3	49.9
54	56.5	45.1	67.7

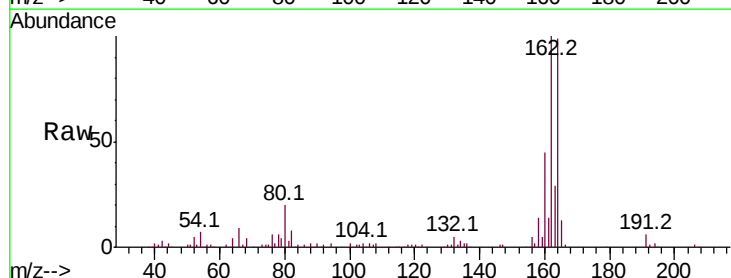


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

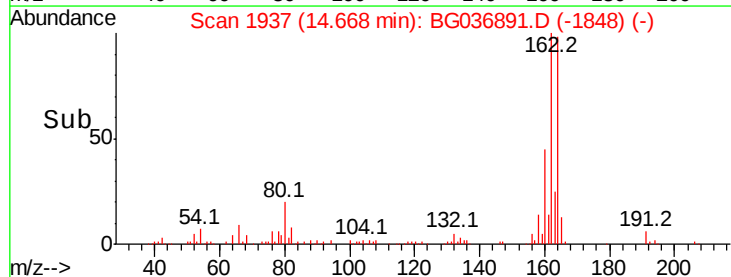
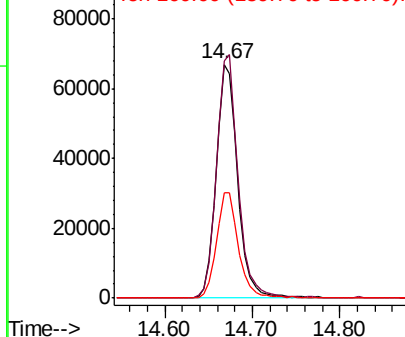


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036891.D
 Acq: 22 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.7	121.1
160	45.2	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

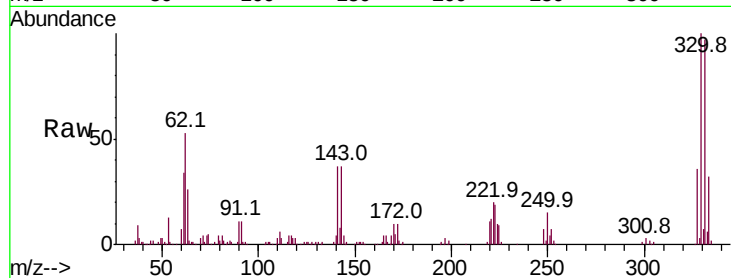




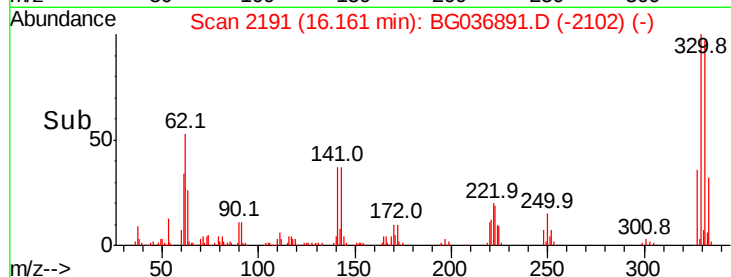
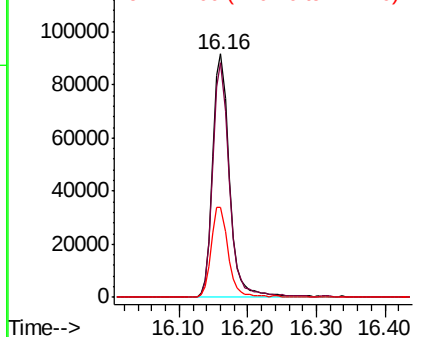
#41
 2,4,6-Tribromophenol
 Concen: 114.013 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036891.D
 Acq: 22 Sep 2018 12:56

Instrument :
 BNA_G
 ClientSampleId :
 091918-DBRI-E-D-B

Tot Ion:330 Resp: 155748
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.4 113.2
 141 37.5 30.7 46.1

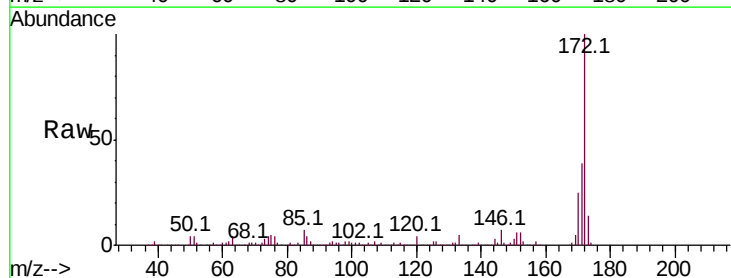


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

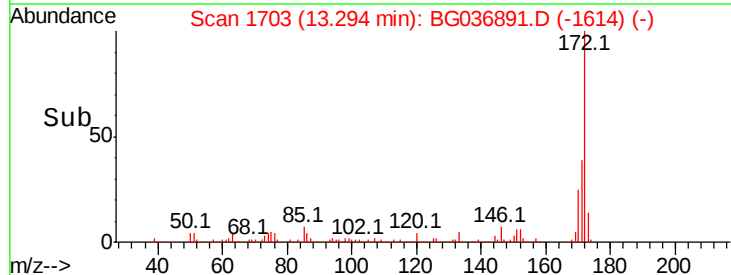
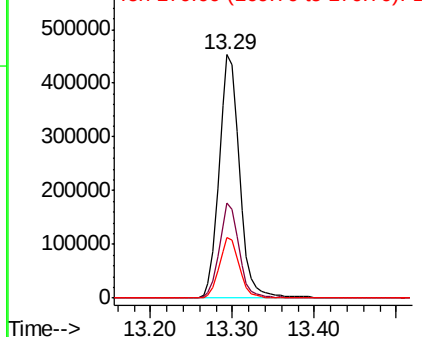


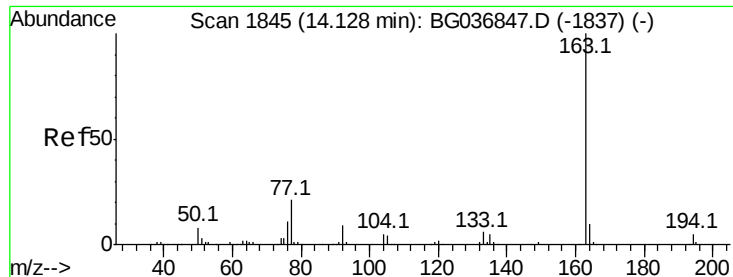
#44
 2-Fluorobiphenyl
 Concen: 103.086 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036891.D
 Acq: 22 Sep 2018 12:56

Tgt Ion:172 Resp: 790260
 Ion Ratio Lower Upper
 172 100
 171 39.3 31.3 46.9
 170 25.0 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: 5.198 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

Instrument :

BNA_G

ClientSampleId :

091918-DBRI-E-D-B

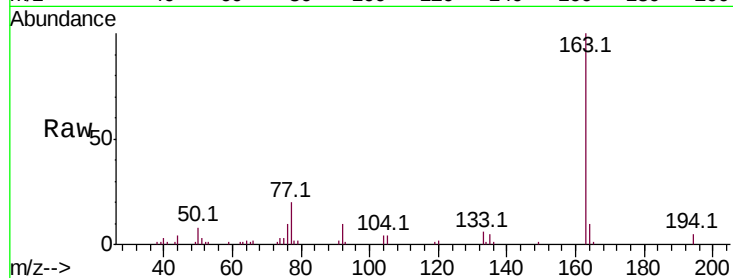
Tot Ion:163 Resp: 47769

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

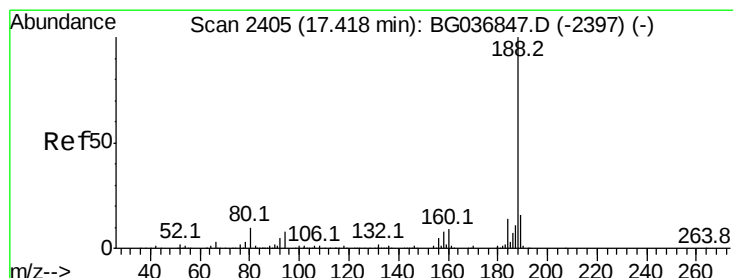
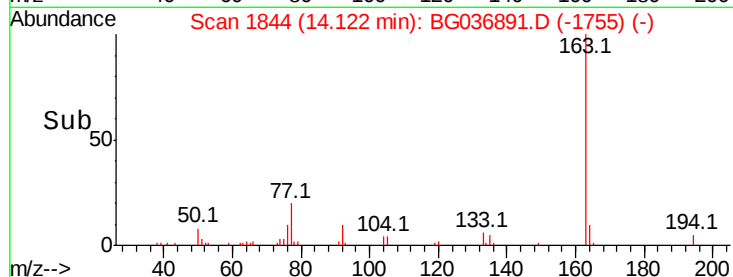
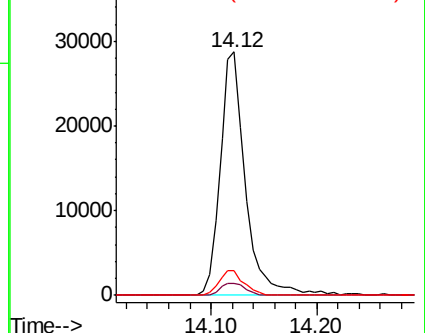
164 10.4 8.1 12.1



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: 17.42 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

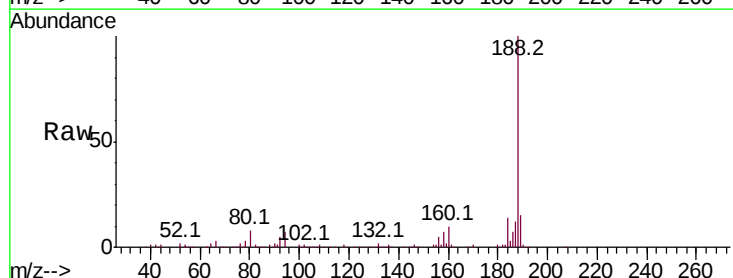
Tgt Ion:188 Resp: 295760

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

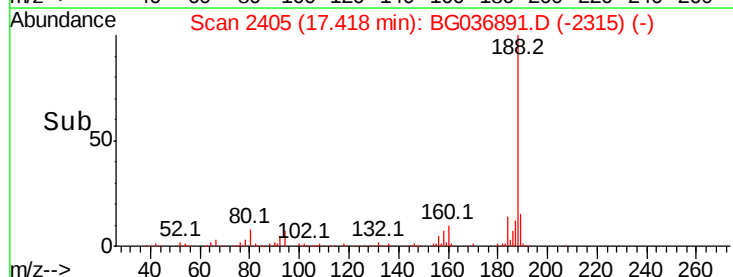
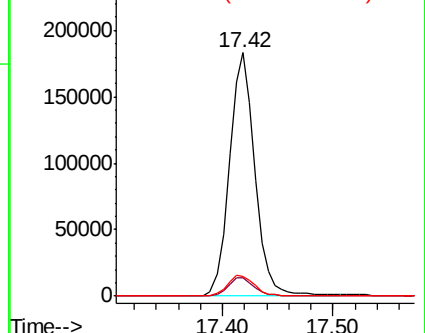
80 8.2 8.1 12.1

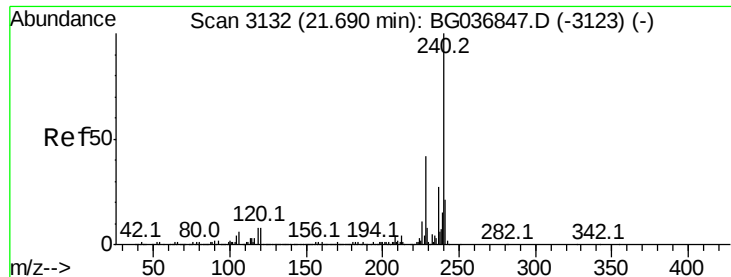


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

Instrument :

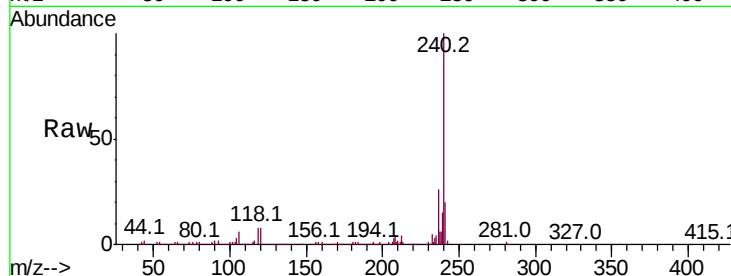
BNA_G

ClientSampleId :

091918-DBRI-E-D-B

Tot Ion:240 Resp: 311095

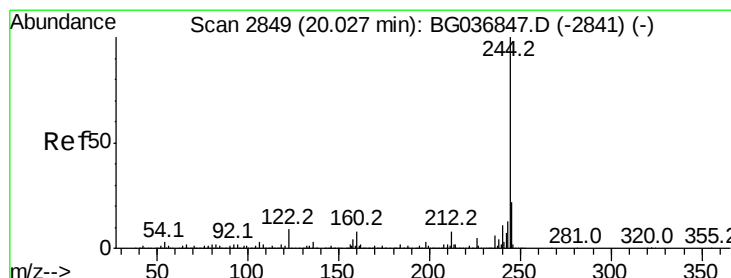
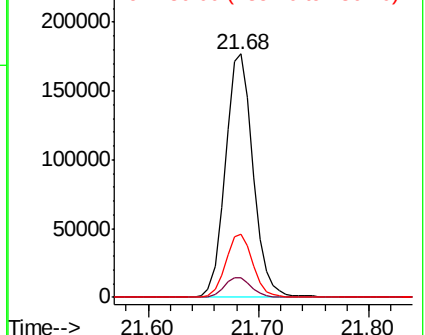
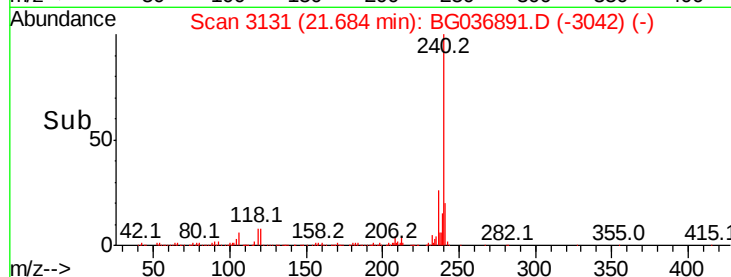
Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	26.0	21.2	31.8



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: 115.516 ng

RT: 20.03 min Scan# 2849

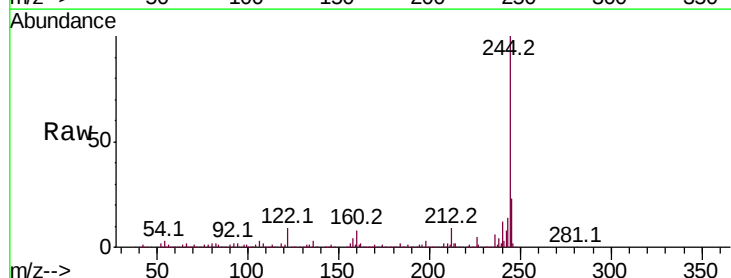
Delta R.T. -0.00 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

Tgt Ion:244 Resp: 1366669

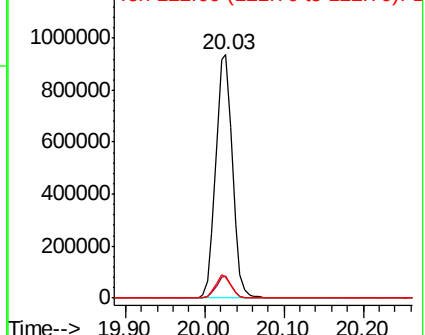
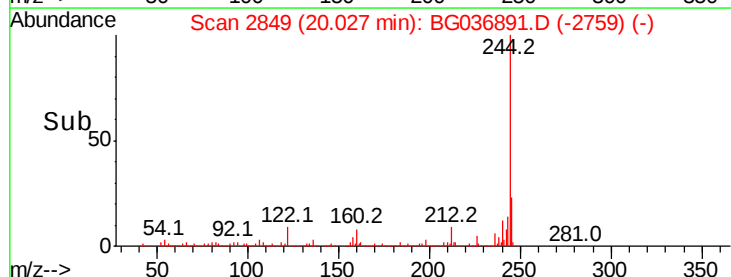
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	8.7	7.1	10.7

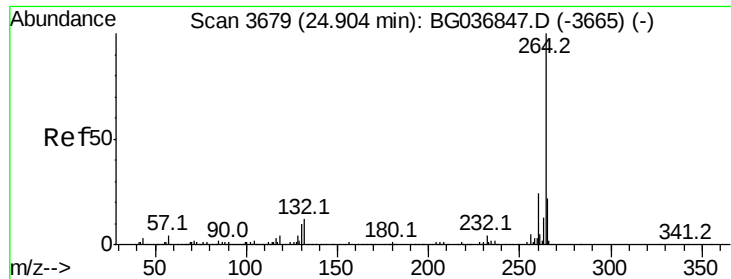


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

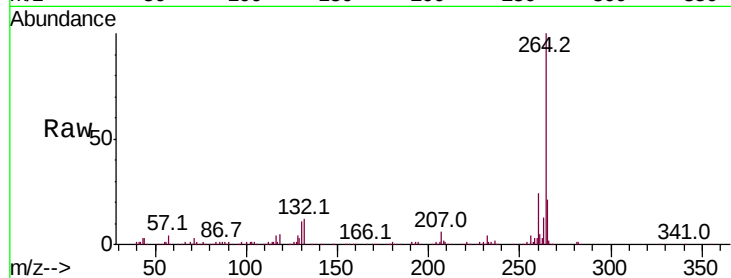




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036891.D
 Acq: 22 Sep 2018 12:56

Instrument :
 BNA_G
 ClientSampleId :
 091918-DBRI-E-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.3	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

