

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032811.D
 Acq On : 24 Feb 2018 5:01
 Operator : SJ/JU
 Sample : J1660-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-2342

Quant Time: Feb 24 06:02:28 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 17:04:54 2018
 Response via : Initial Calibration

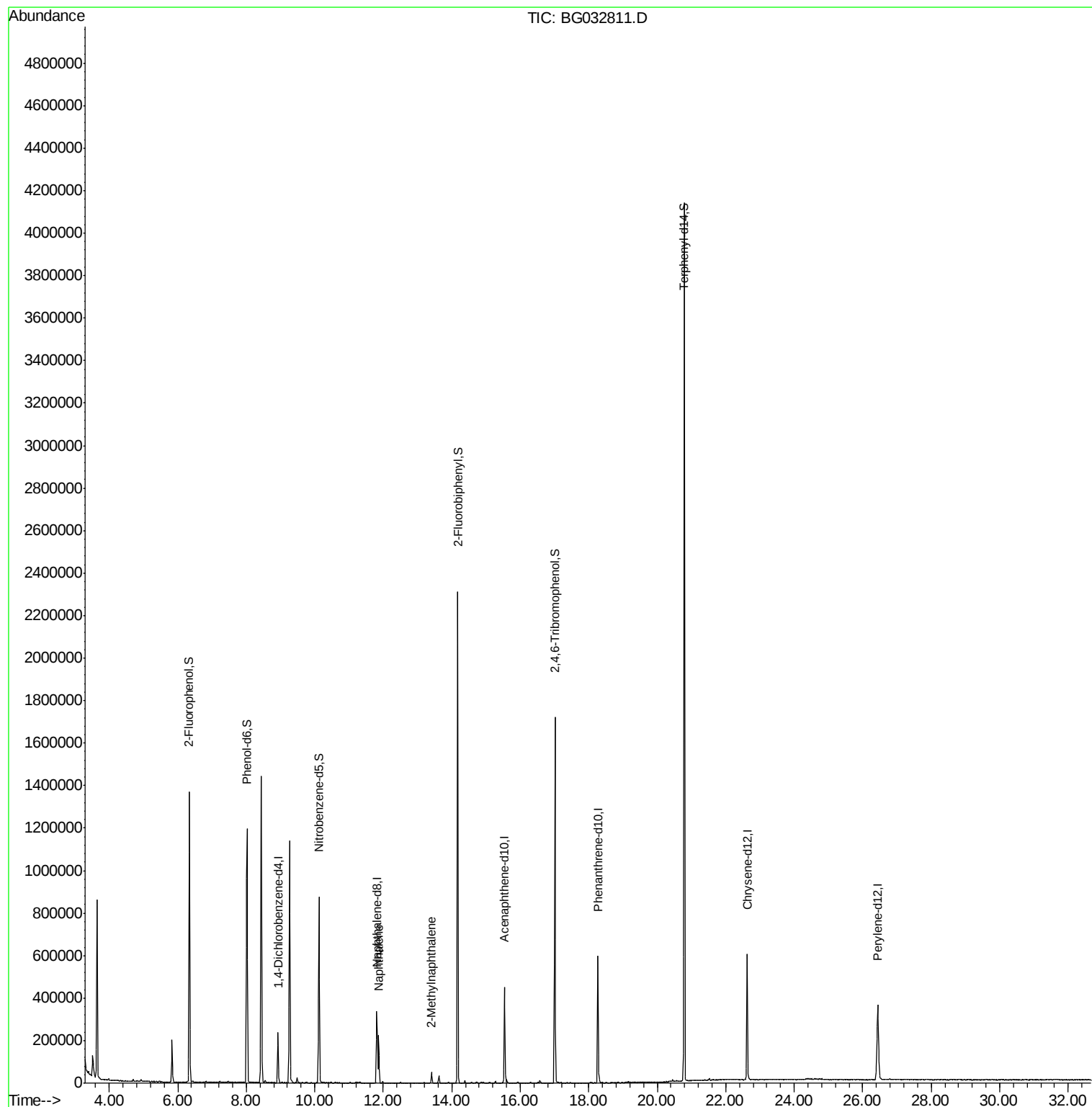
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	71630	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	305507	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	162682	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	374202	20.00	ng	0.00
75) Chrysene-d12	22.63	240	384185	20.00	ng	0.00
86) Perylene-d12	26.44	264	407172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	675298	150.83	ng	0.00
7) Phenol-d6	8.02	99	806240	129.19	ng	0.00
23) Nitrobenzene-d5	10.13	82	551285	120.53	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	305744	178.74	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1183593	104.93	ng	0.00
78) Terphenyl-d14	20.79	244	1827557	106.88	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	203244	12.73	ng	98
37) 2-Methylnaphthalene	13.41	142	23484	2.03	ng	94

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

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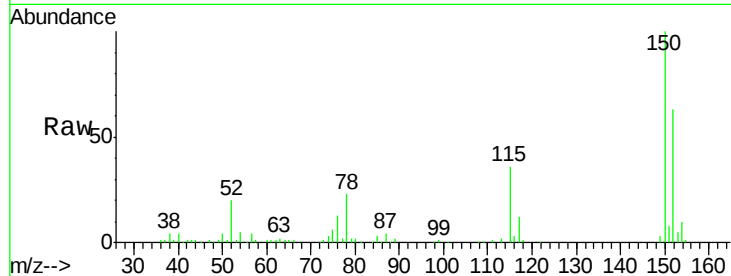


#1

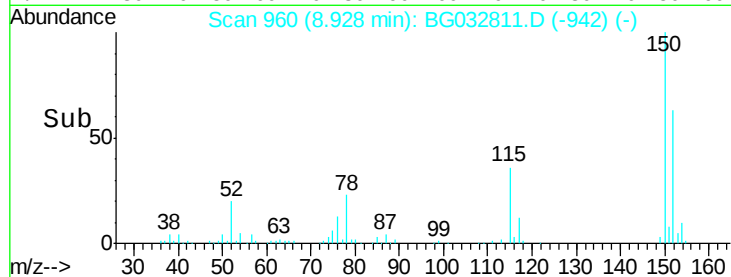
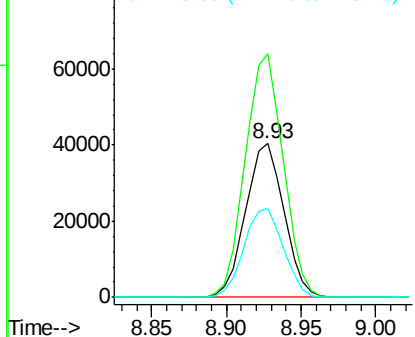
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Instrument :
BNA_G
ClientSampleId :
RT-2342

Tot Ion:152 Resp: 71630
Ion Ratio Lower Upper
152 100
150 158.7 126.6 189.8
115 57.8 53.0 79.4



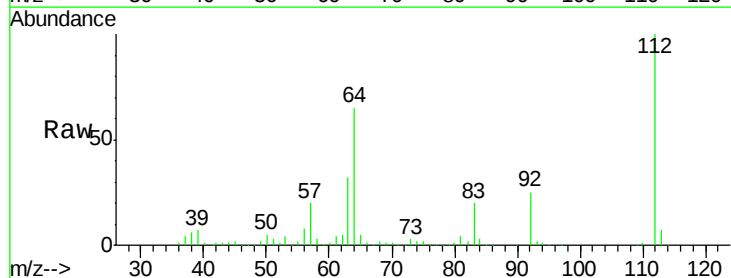
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



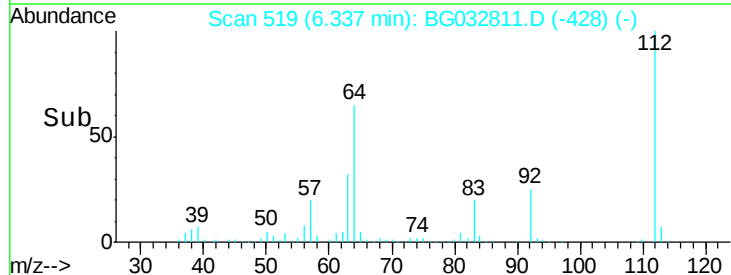
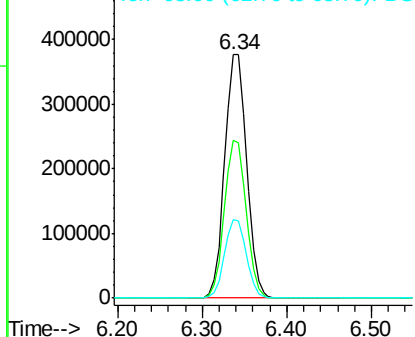
#5

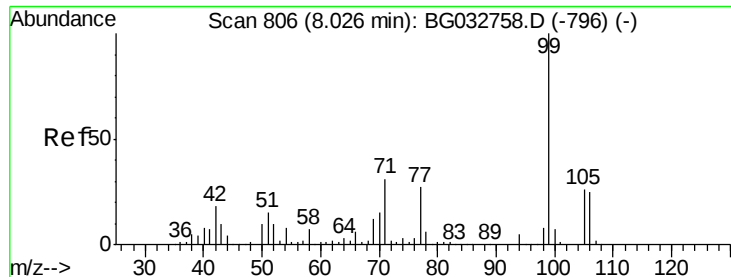
2-Fluorophenol
Concen: 150.83 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Tgt Ion:112 Resp: 675298
Ion Ratio Lower Upper
112 100
64 64.8 56.3 84.5
63 32.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 129.19 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG032811.D

Acq: 24 Feb 2018 5:01

Instrument :

BNA_G

ClientSampled :

RT-2342

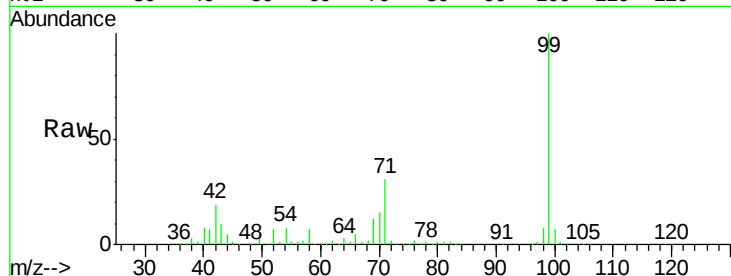
Tot Ion: 99 Resp: 806240

Ion Ratio Lower Upper

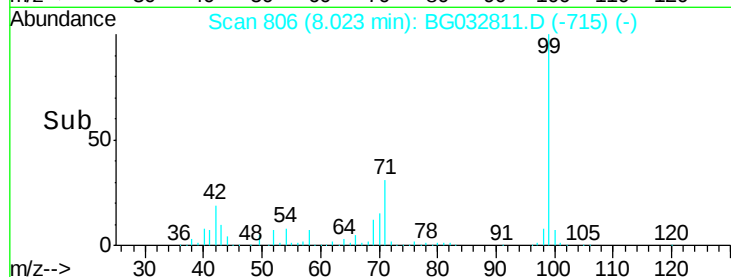
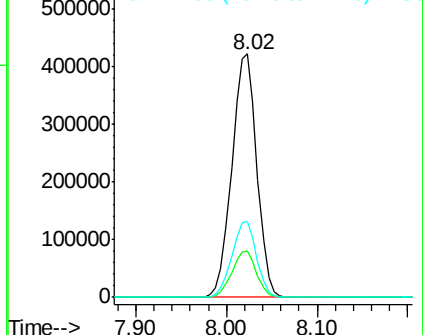
99 100

42 19.3 14.1 21.1

71 31.2 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: 20.00 ng

RT: 11.81 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BG032811.D

Acq: 24 Feb 2018 5:01

Tgt Ion: 136 Resp: 305507

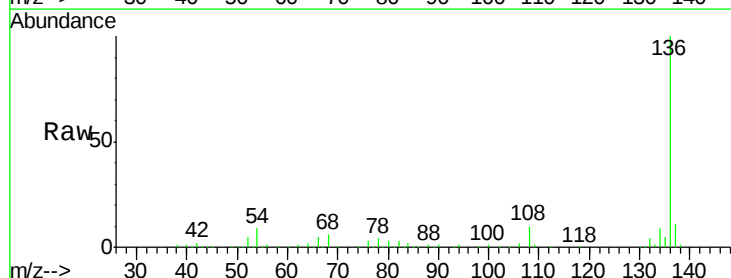
Ion Ratio Lower Upper

136 100

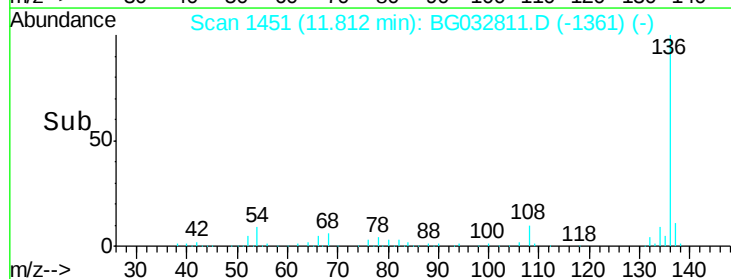
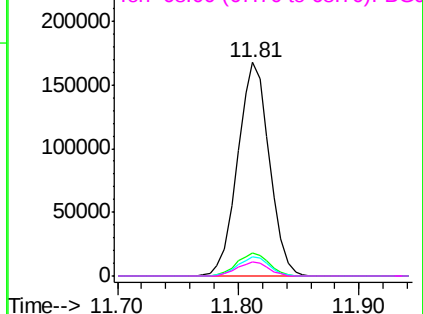
137 10.5 9.2 13.8

54 8.9 10.3 15.5#

68 6.4 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: 120.53 ng

RT: 10.13 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG032811.D

Acq: 24 Feb 2018 5:01

Instrument :

BNA_G

ClientSampled :

RT-2342

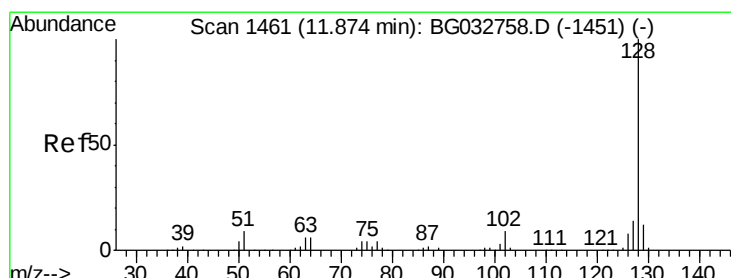
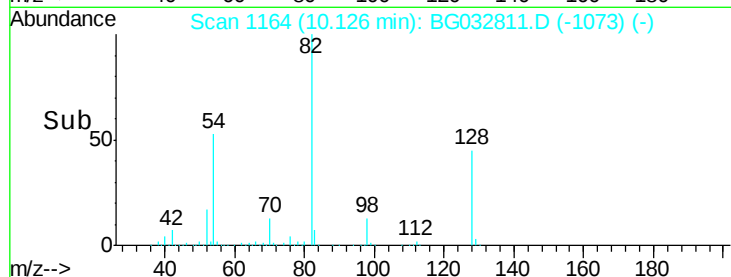
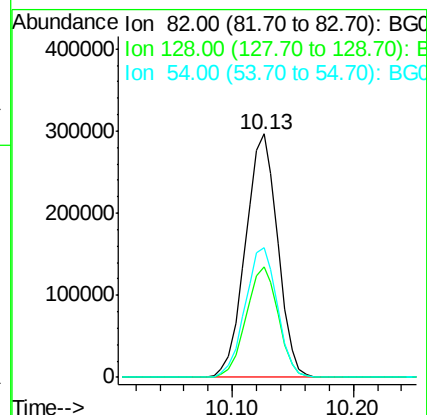
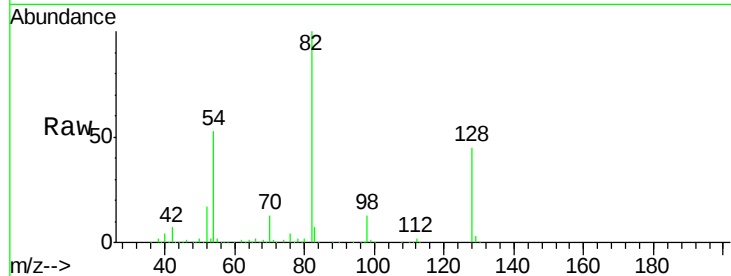
Tot Ion: 82 Resp: 551285

Ion Ratio Lower Upper

82 100

128 45.5 29.7 44.5#

54 53.1 43.1 64.7



#31

Naphthalene

Concen: 12.73 ng

RT: 11.86 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BG032811.D

Acq: 24 Feb 2018 5:01

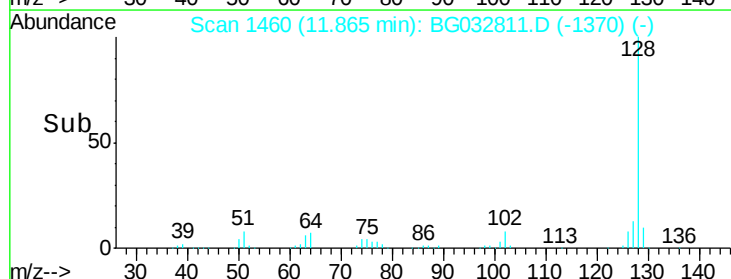
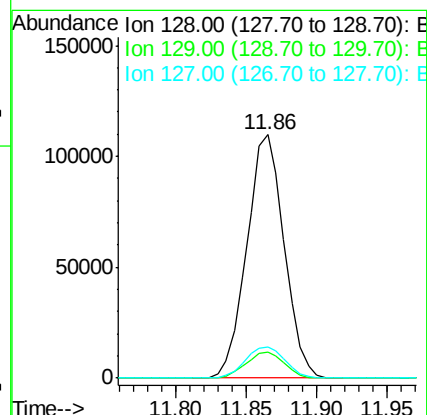
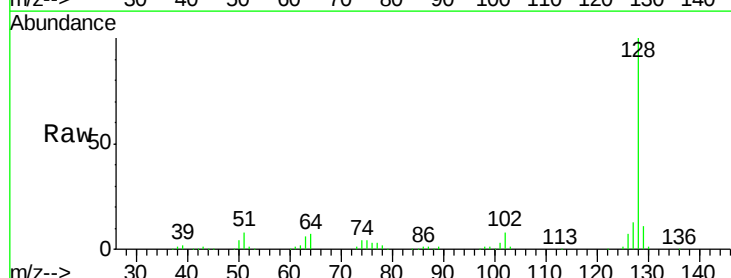
Tgt Ion: 128 Resp: 203244

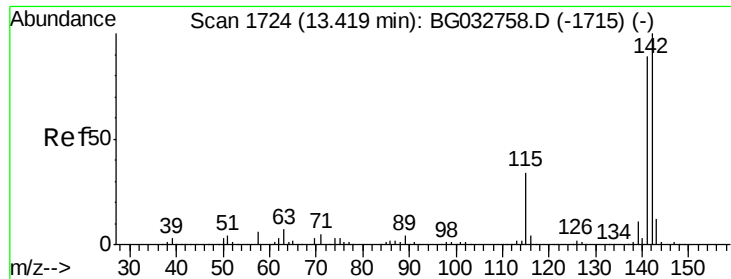
Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.0 11.6 17.4

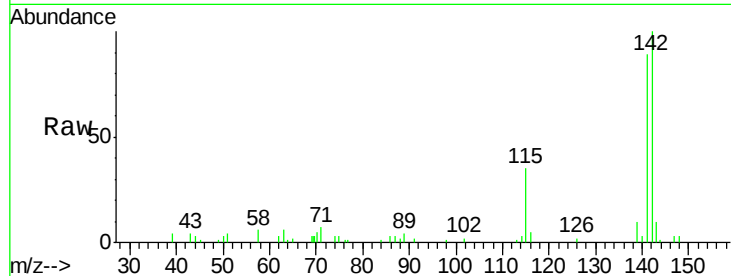




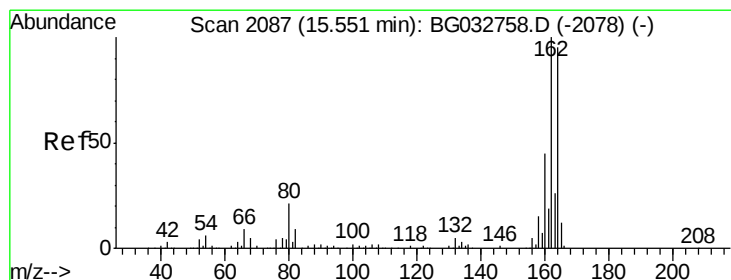
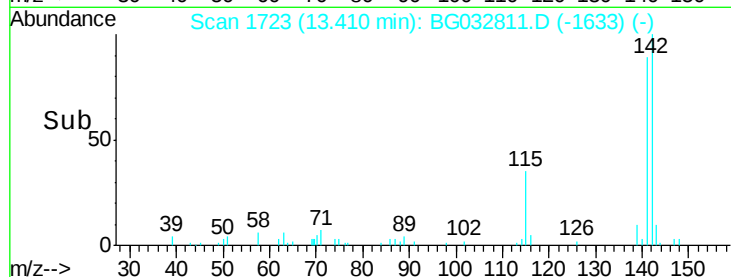
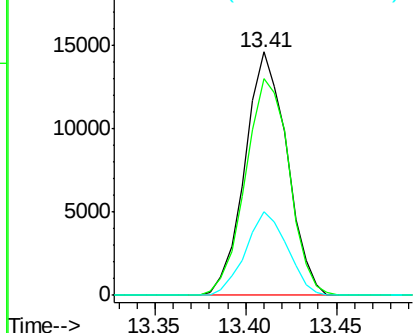
#37
2-Methylnaphthalene
Concen: 2.03 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Instrument :
BNA_G
ClientSampleId :
RT-2342

Tot Ion:142 Resp: 23484
Ion Ratio Lower Upper
142 100
141 89.2 67.1 100.7
115 34.6 30.7 46.1

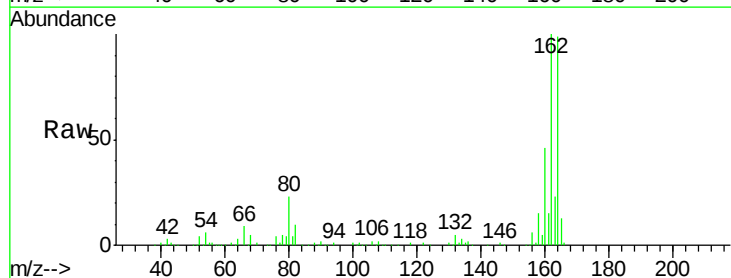


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

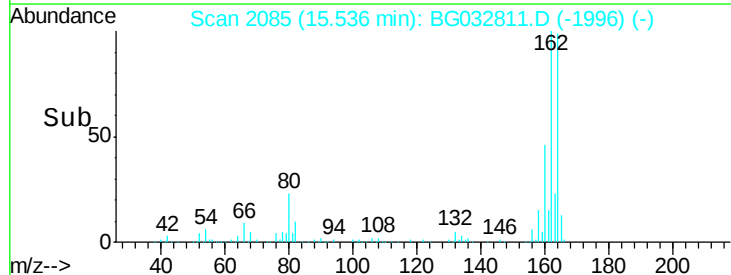
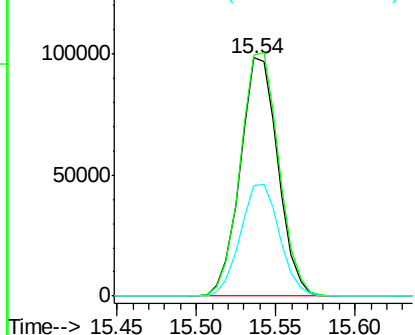


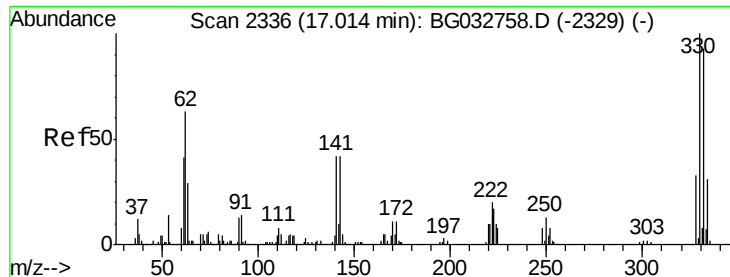
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Tgt Ion:164 Resp: 162682
Ion Ratio Lower Upper
164 100
162 101.0 78.8 118.2
160 46.6 35.4 53.0



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

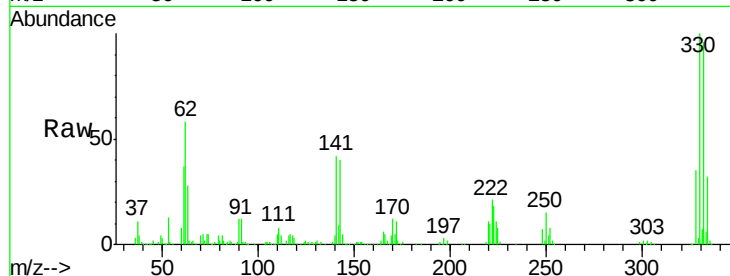




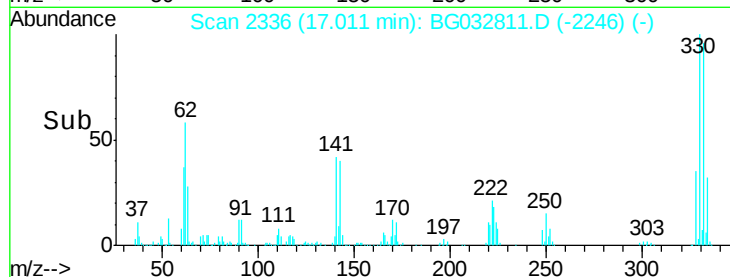
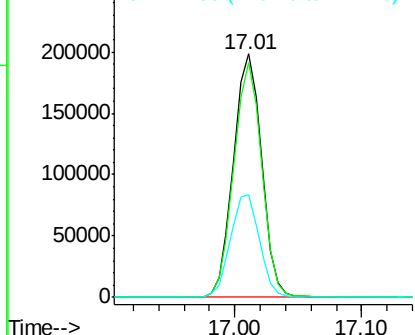
#41
 2,4,6-Tribromophenol
 Concen: 178.74 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032811.D
 Acq: 24 Feb 2018 5:01

Instrument :
 BNA_G
 ClientSampleId :
 RT-2342

Tot Ion:330 Resp: 305744
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 43.4 25.2 37.8#

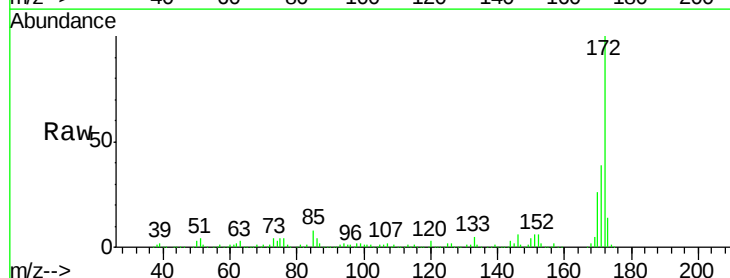


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

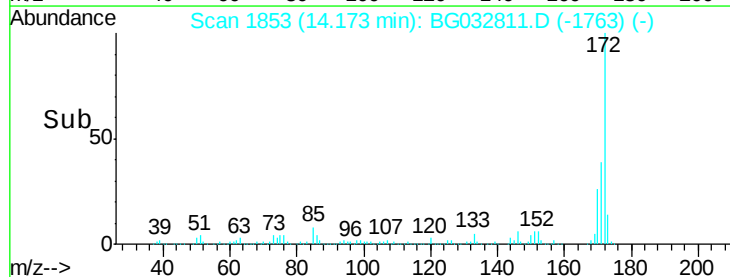
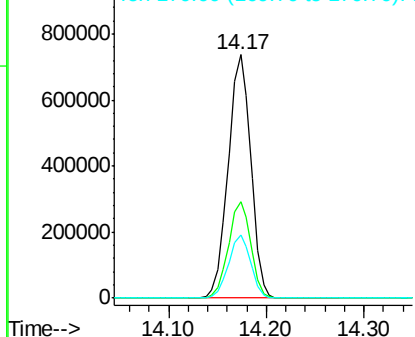


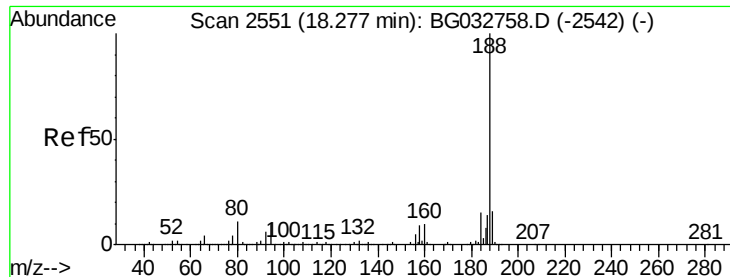
#44
 2-Fluorobiphenyl
 Concen: 104.93 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG032811.D
 Acq: 24 Feb 2018 5:01

Tgt Ion:172 Resp: 1183593
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.0 45.0
 170 25.9 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: 20.00 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BG032811.D

Acq: 24 Feb 2018 5:01

Instrument :

BNA_G

ClientSampleId :

RT-2342

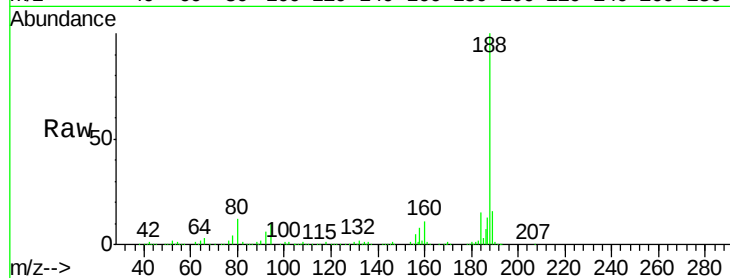
Tot Ion:188 Resp: 374202

Ion Ratio Lower Upper

188 100

94 10.0 6.9 10.3

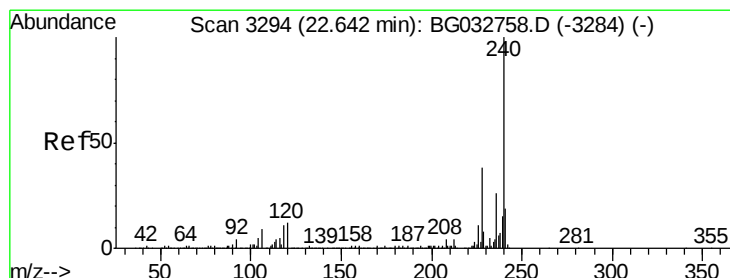
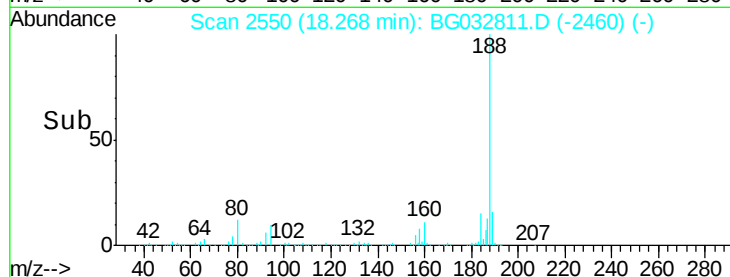
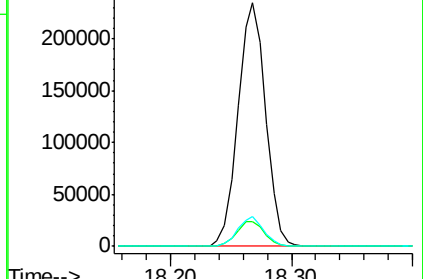
80 12.1 7.7 11.5#



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: 20.00 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.00 min

Lab File: BG032811.D

Acq: 24 Feb 2018 5:01

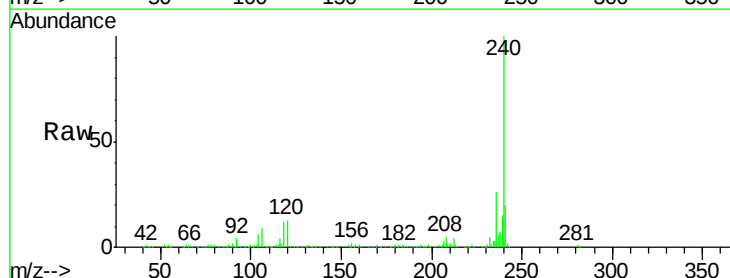
Tgt Ion:240 Resp: 384185

Ion Ratio Lower Upper

240 100

120 13.0 6.8 10.2#

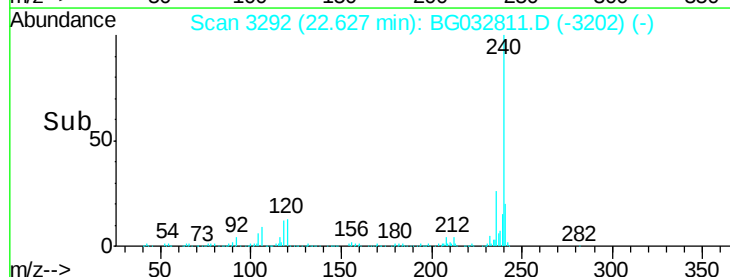
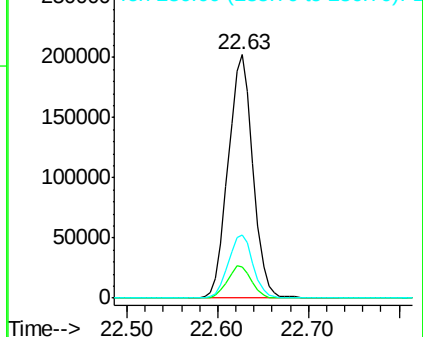
236 25.9 20.9 31.3

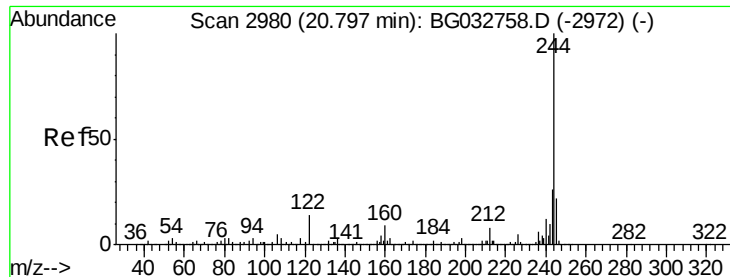


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.88 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG032811.D

Acq: 24 Feb 2018 5:01

Instrument :

BNA_G

ClientSampleId :

RT-2342

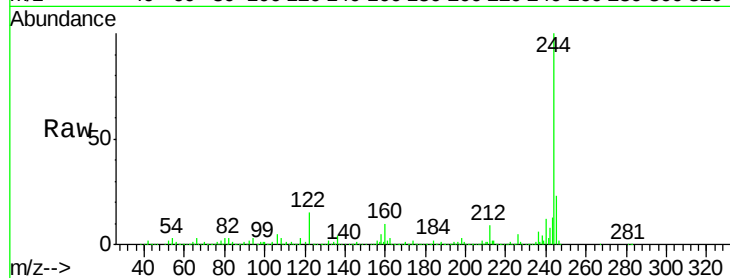
Tot Ion:244 Resp: 1827557

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

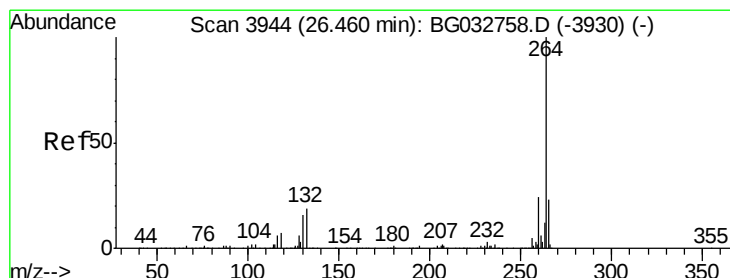
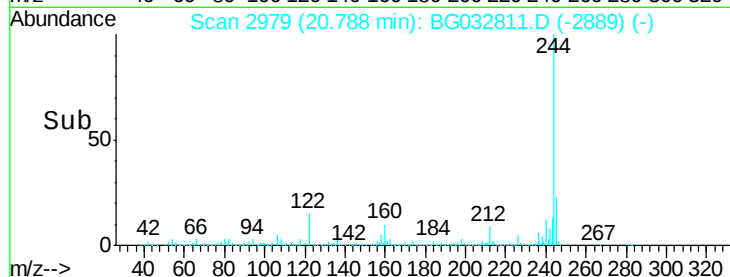
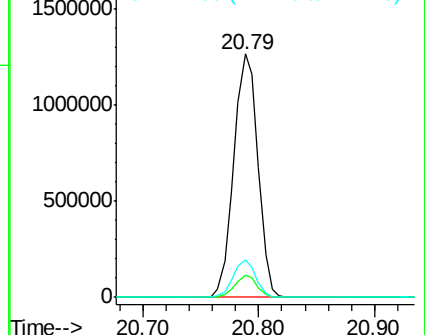
122 15.5 7.0 10.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 26.44 min Scan# 3941

Delta R.T. -0.01 min

Lab File: BG032811.D

Acq: 24 Feb 2018 5:01

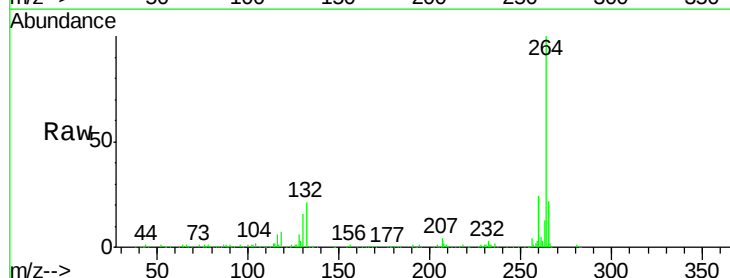
Tgt Ion:264 Resp: 407172

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.0 17.7 26.5



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

