

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018750.D
 Acq On : 17 Sep 2015 22:59
 Operator : TP
 Sample : G3640-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Sep 18 02:51:19 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	39486	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	166761	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	124631	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	374635	20.00	ng	0.00
75) Chrysene-d12	21.62	240	417919	20.00	ng	0.00
86) Perylene-d12	24.82	264	406295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	155863	68.19	ng	0.00
7) Phenol-d6	7.16	99	138548	42.27	ng	0.00
23) Nitrobenzene-d5	9.16	82	261587	87.78	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	255679	152.36	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	751542	83.71	ng	0.00
78) Terphenyl-d14	19.98	244	1406443	88.37	ng	0.00

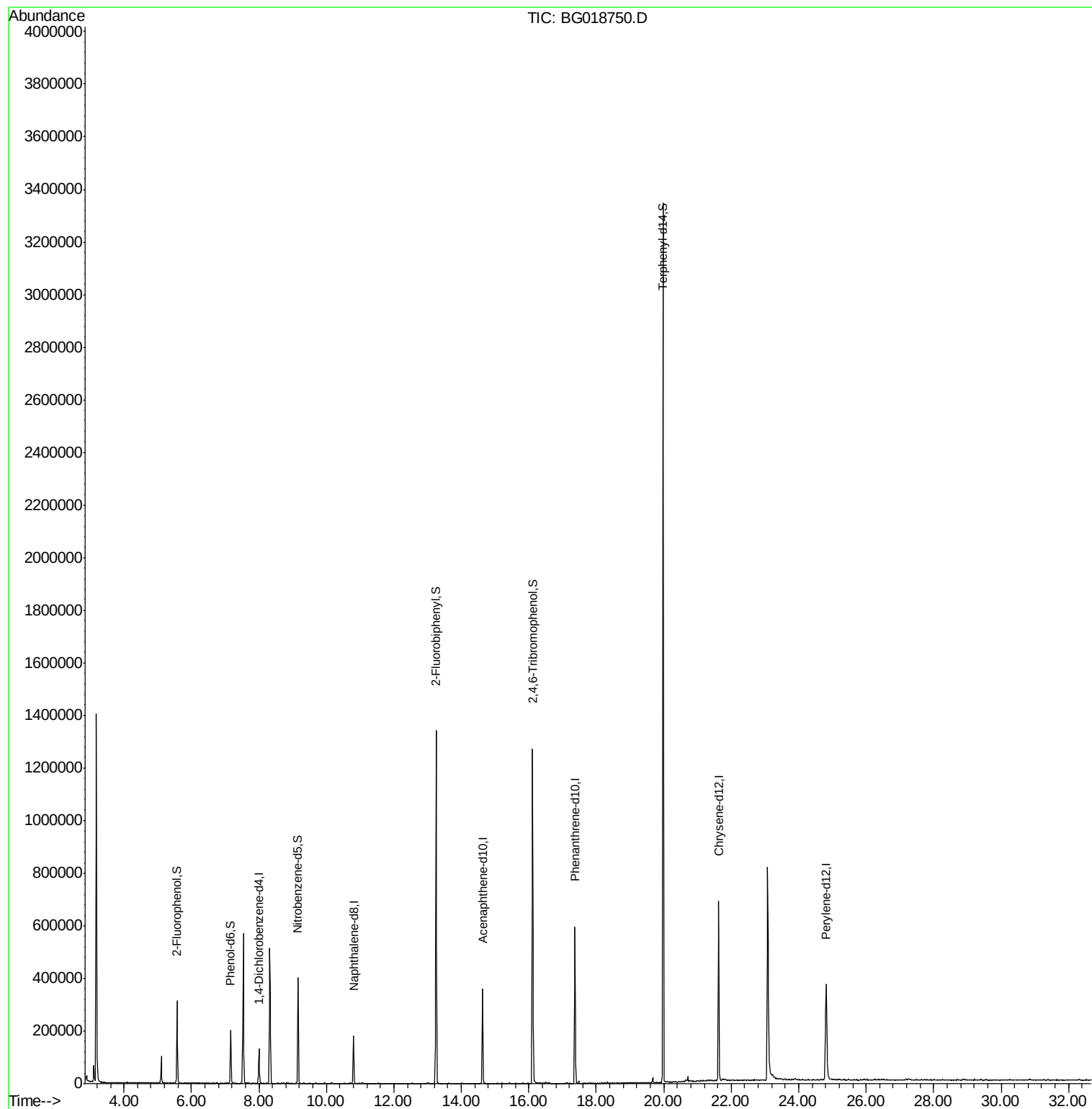
Target Compounds Qvalue

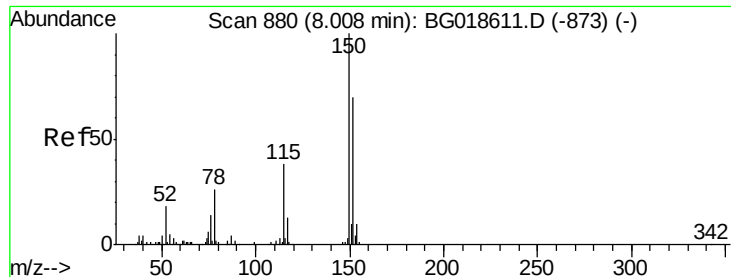
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG018750.D

Acq: 17 Sep 2015 22:59

Instrument :

BNA_G

ClientSampleId :

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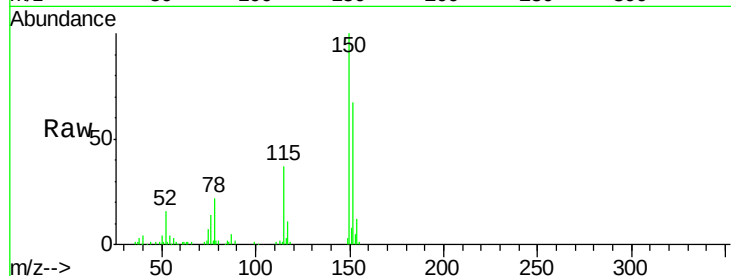
Tot Ion:152 Resp: 39486

Ion Ratio Lower Upper

152 100

150 149.0 115.0 172.4

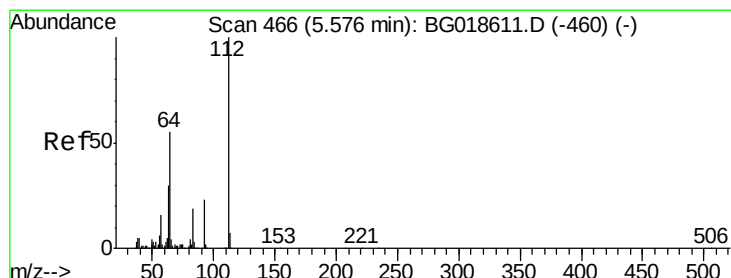
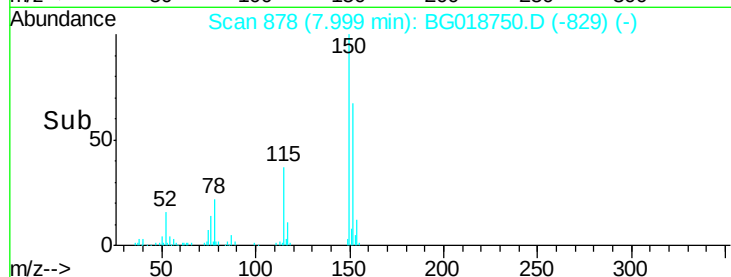
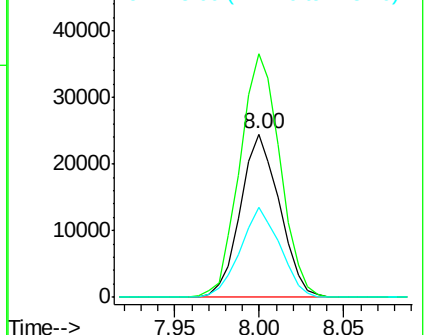
115 55.5 43.9 65.9



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: 68.19 ng

RT: 5.57 min Scan# 465

Delta R.T. -0.00 min

Lab File: BG018750.D

Acq: 17 Sep 2015 22:59

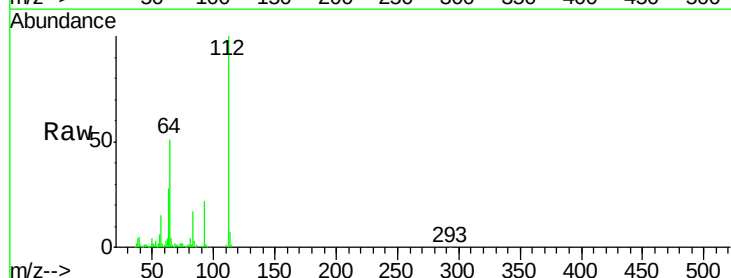
Tgt Ion:112 Resp: 155863

Ion Ratio Lower Upper

112 100

64 51.0 43.7 65.5

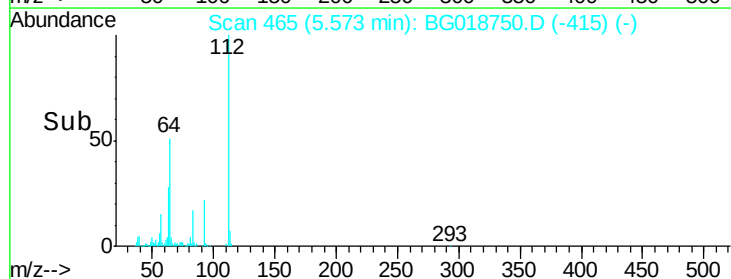
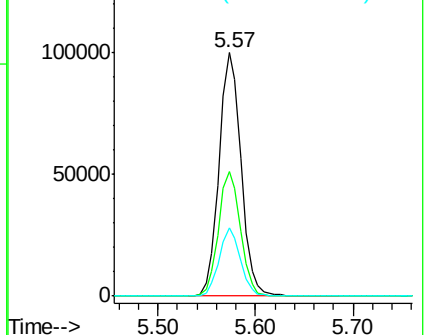
63 28.0 24.0 36.0

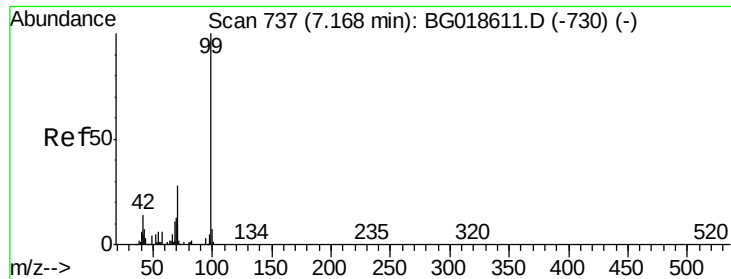


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.27 ng

RT: 7.16 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG018750.D

Acq: 17 Sep 2015 22:59

Instrument :

BNA_G

ClientSampleId :

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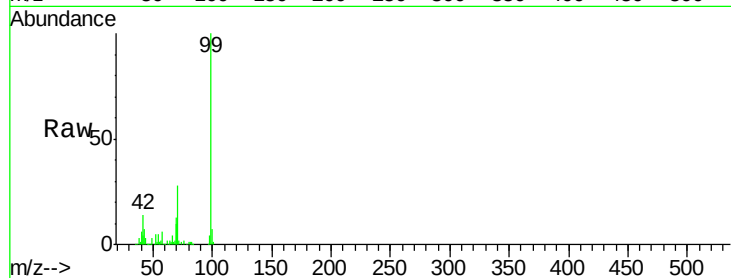
Tot Ion: 99 Resp: 138548

Ion Ratio Lower Upper

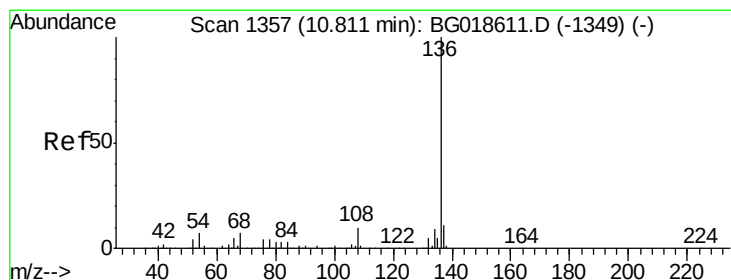
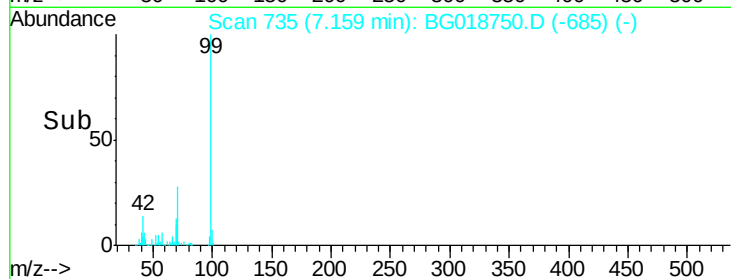
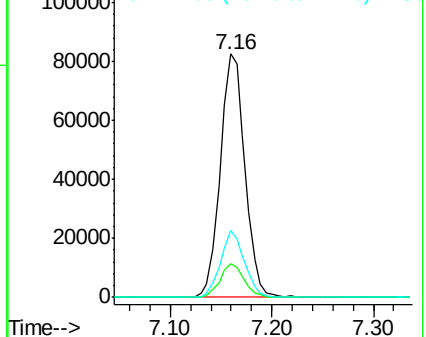
99 100

42 13.9 11.5 17.3

71 27.7 22.6 34.0



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: 10.80 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BG018750.D

Acq: 17 Sep 2015 22:59

Tgt Ion: 136 Resp: 166761

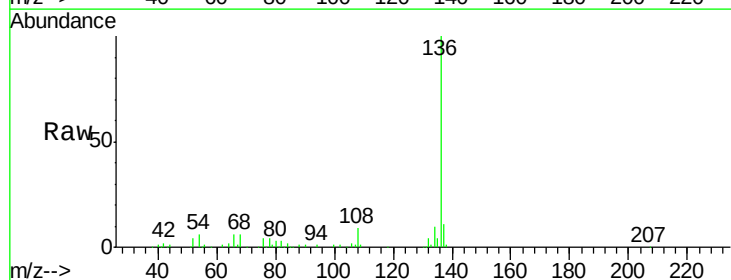
Ion Ratio Lower Upper

136 100

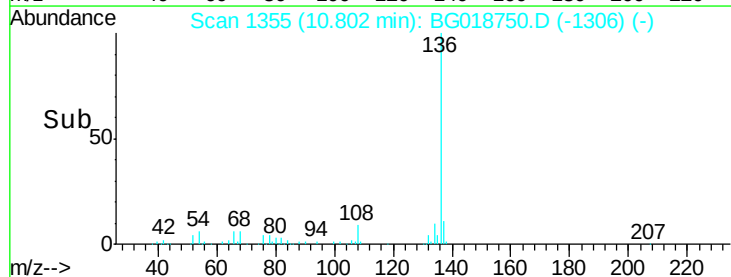
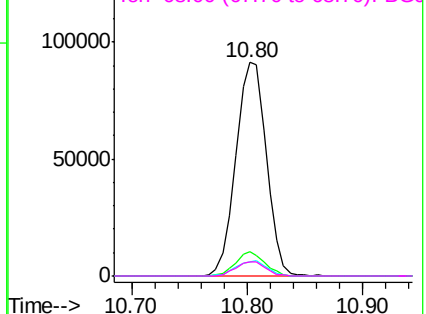
137 11.3 8.6 12.8

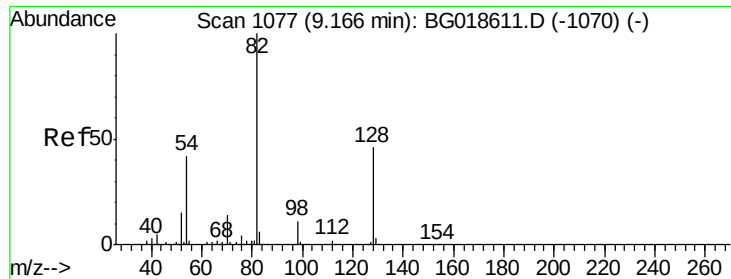
54 6.4 5.4 8.2

68 6.3 5.3 7.9



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: 87.78 ng

RT: 9.16 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BG018750.D

Acq: 17 Sep 2015 22:59

Instrument :

BNA_G

ClientSampleId :

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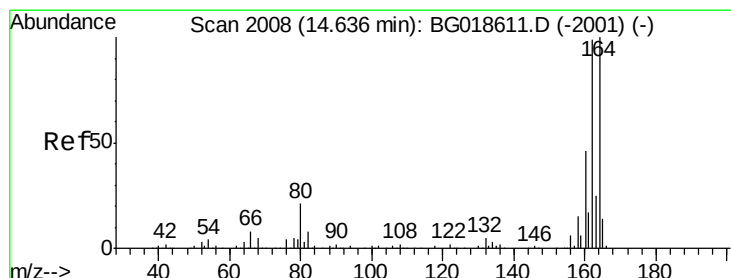
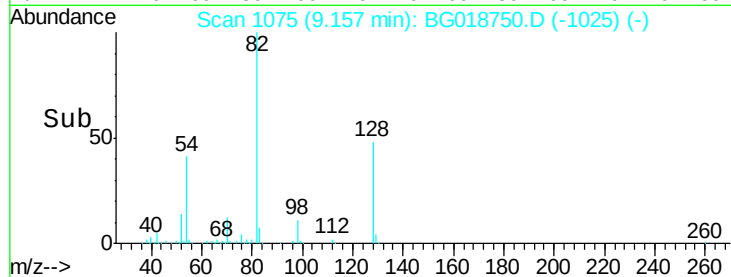
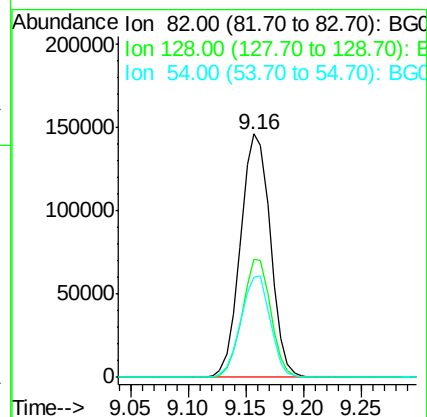
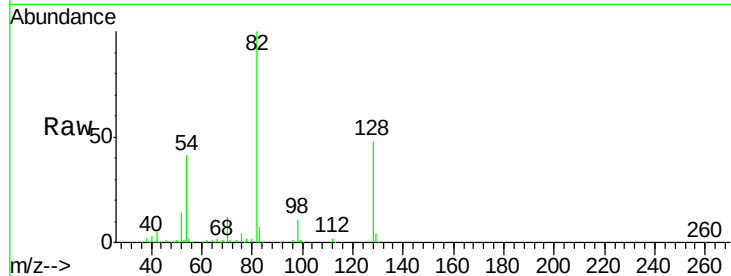
Tot Ion: 82 Resp: 261587

Ion Ratio Lower Upper

82 100

128 48.4 36.7 55.1

54 41.4 33.8 50.8



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG018750.D

Acq: 17 Sep 2015 22:59

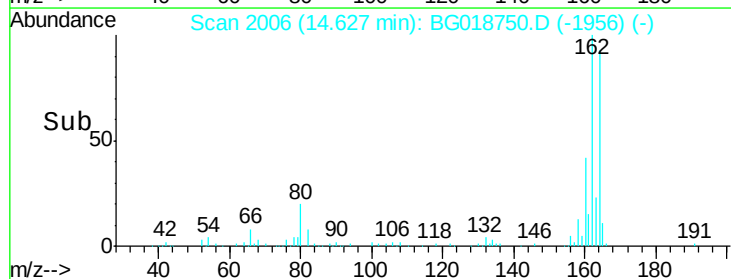
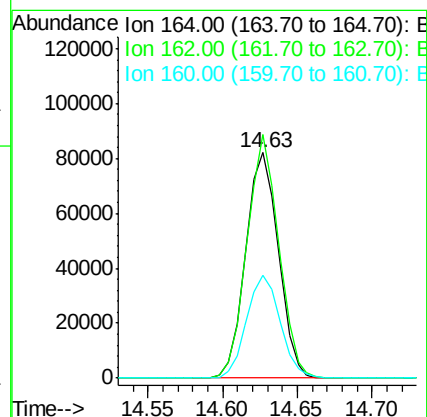
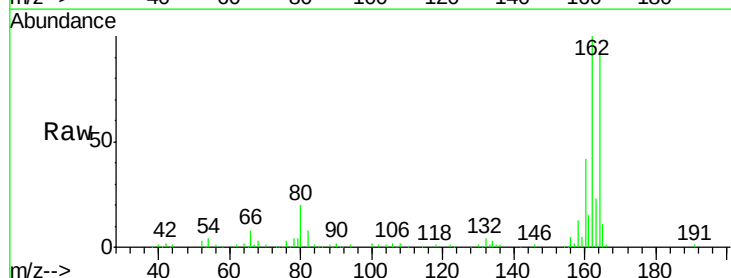
Tgt Ion: 164 Resp: 124631

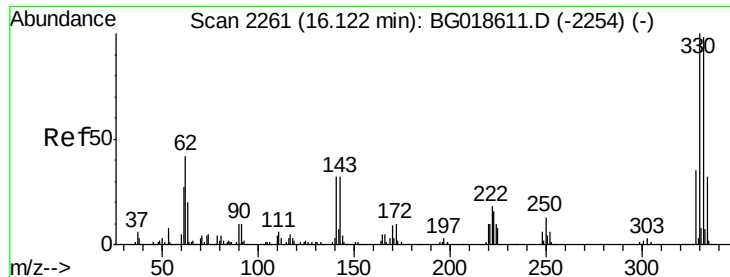
Ion Ratio Lower Upper

164 100

162 107.9 78.8 118.2

160 45.4 36.4 54.6

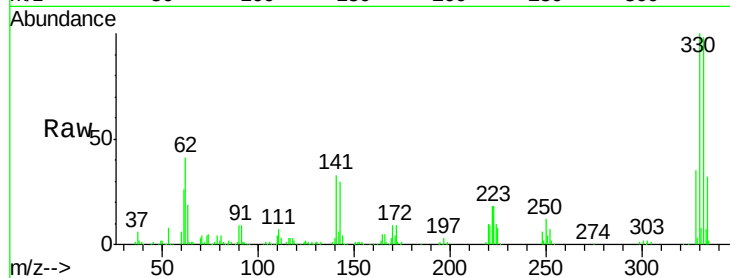




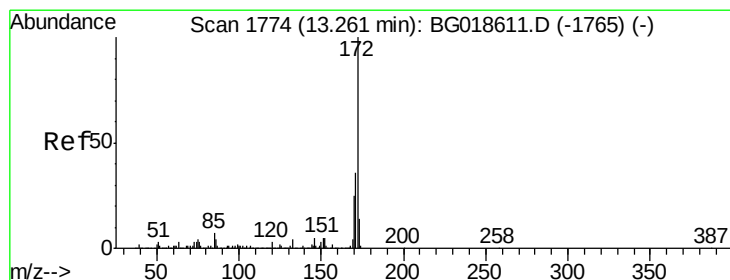
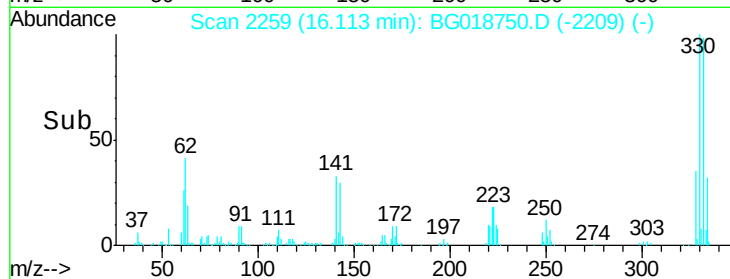
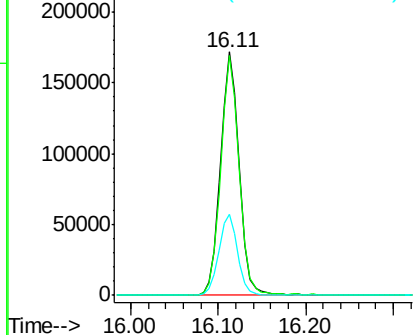
#41
 2,4,6-Tribromophenol
 Concen: 152.36 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BG018750.D
 Acq: 17 Sep 2015 22:59

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion:330 Resp: 255679
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.1 117.1
 141 33.5 28.2 42.2

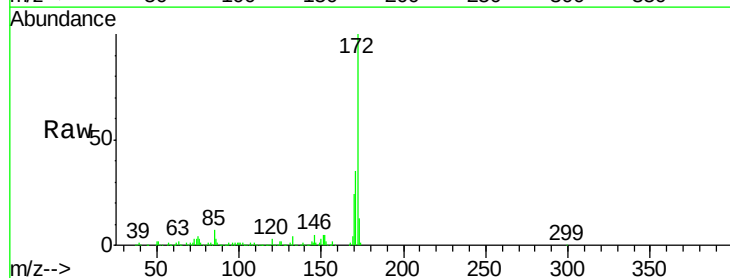


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

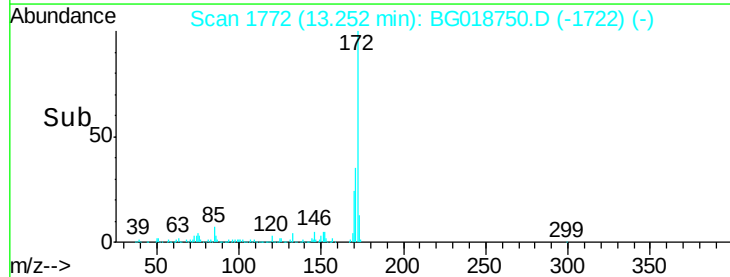
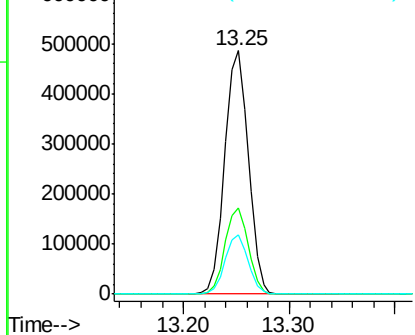


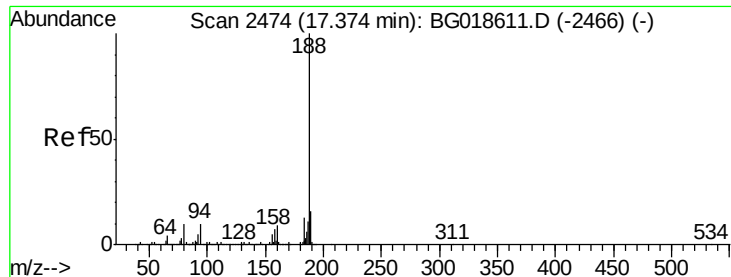
#44
 2-Fluorobiphenyl
 Concen: 83.71 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG018750.D
 Acq: 17 Sep 2015 22:59

Tgt Ion:172 Resp: 751542
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 24.1 19.9 29.9



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: 17.37 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BG018750.D

Acq: 17 Sep 2015 22:59

Instrument :

BNA_G

ClientSampleId :

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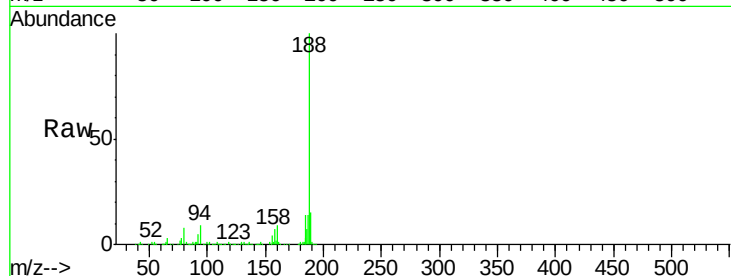
Tot Ion:188 Resp: 374635

Ion Ratio Lower Upper

188 100

94 9.1 7.7 11.5

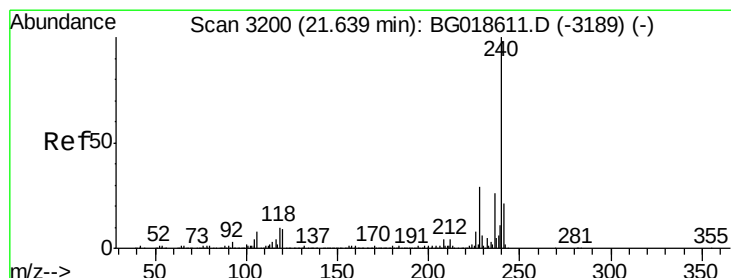
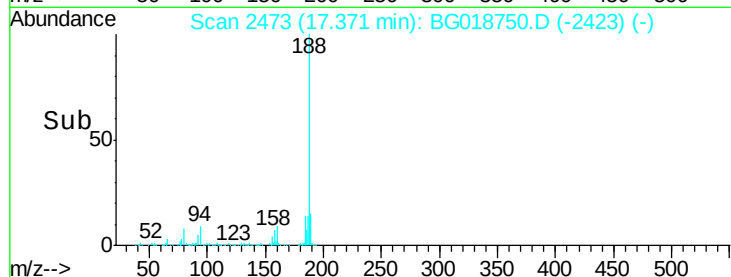
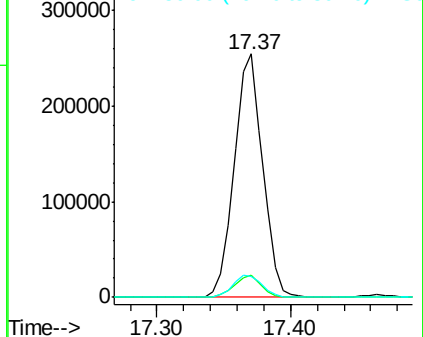
80 8.5 7.8 11.8



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: 21.62 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG018750.D

Acq: 17 Sep 2015 22:59

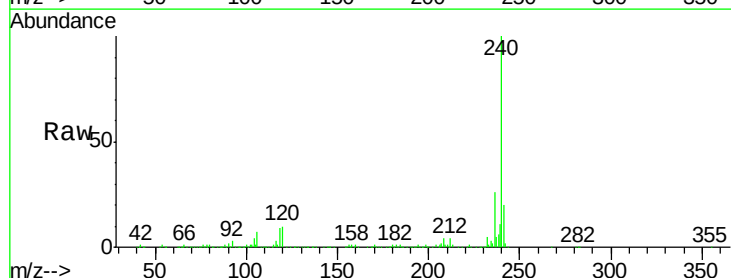
Tgt Ion:240 Resp: 417919

Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.0

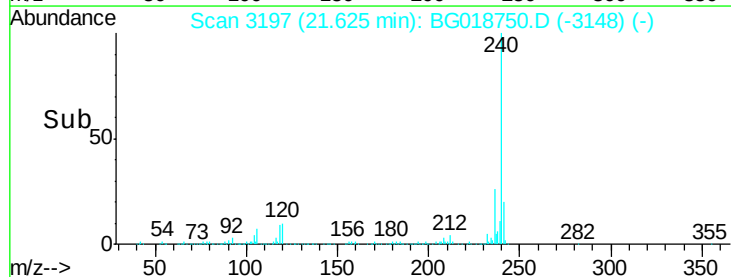
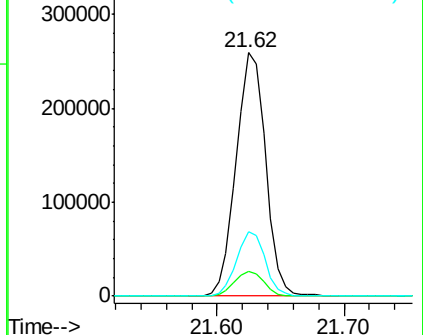
236 26.4 20.7 31.1

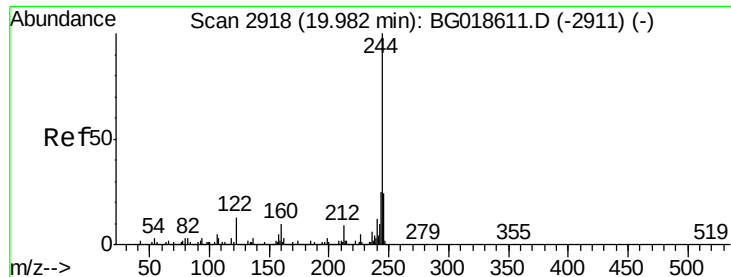


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

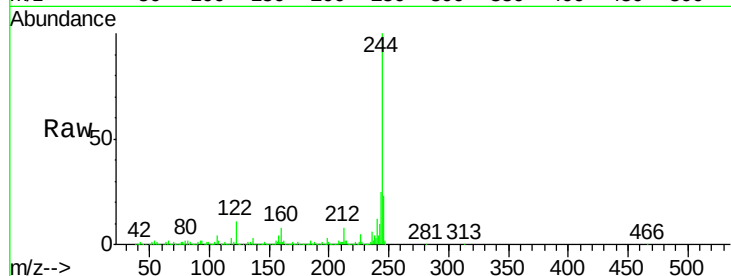




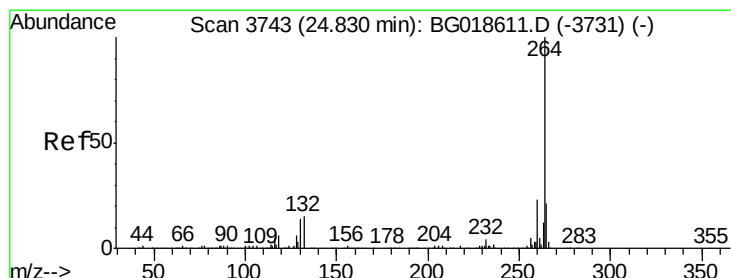
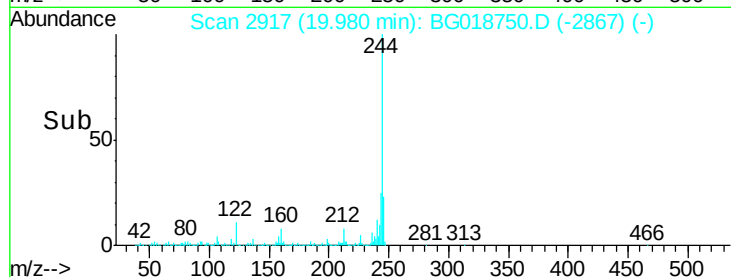
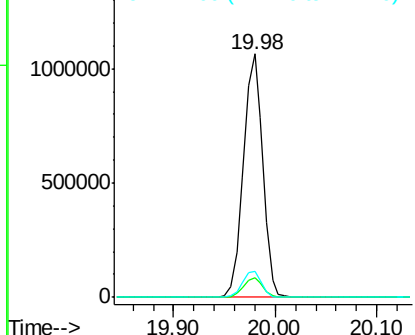
#78
 Terphenyl-d14
 Concen: 88.37 ng
 RT: 19.98 min Scan# 2917
 Delta R.T. -0.00 min
 Lab File: BG018750.D
 Acq: 17 Sep 2015 22:59

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion:244 Resp: 1406443
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 10.9 10.2 15.2

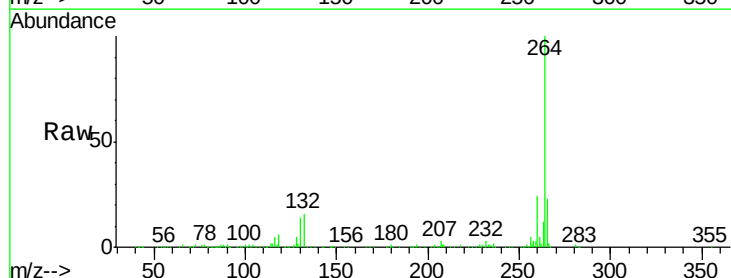


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.82 min Scan# 3740
 Delta R.T. -0.01 min
 Lab File: BG018750.D
 Acq: 17 Sep 2015 22:59

Tgt Ion:264 Resp: 406295
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.5 27.7
 265 23.2 17.2 25.8



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

