

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
 Data File : BG018642.D
 Acq On : 11 Sep 2015 16:52
 Operator : UM/IZ
 Sample : G3590-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB

Quant Time: Sep 12 01:53:24 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	56649	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	226466	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	154537	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	433734	20.00	ng	0.00
75) Chrysene-d12	21.63	240	494249	20.00	ng	0.00
86) Perylene-d12	24.82	264	489514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	208941	63.71	ng	0.00
7) Phenol-d6	7.16	99	176158	37.46	ng	0.00
23) Nitrobenzene-d5	9.17	82	398320	98.42	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	305827	146.97	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1042484	93.64	ng	0.00
78) Terphenyl-d14	19.98	244	1806612	95.99	ng	0.00

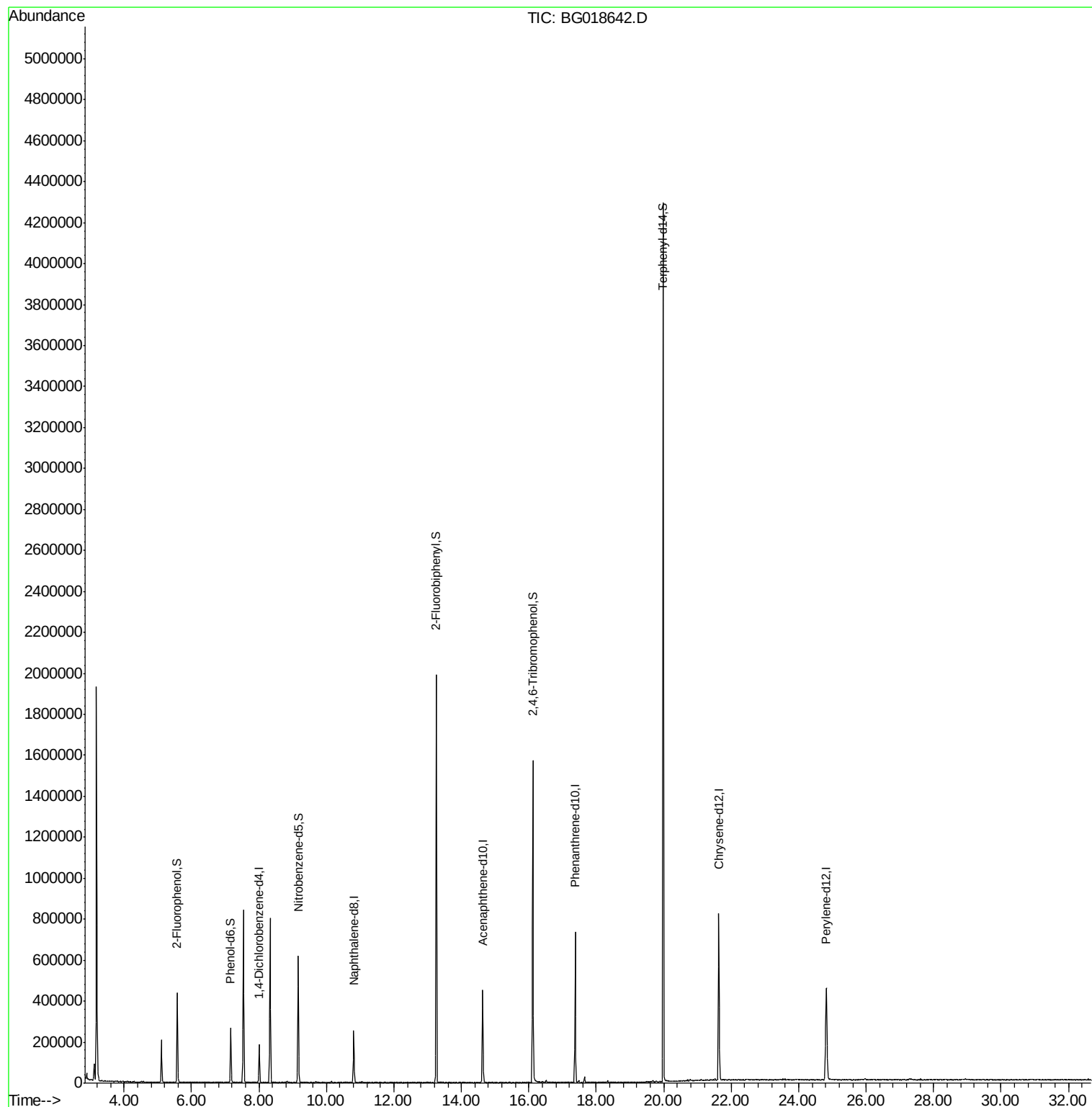
Target Compounds	Qvalue
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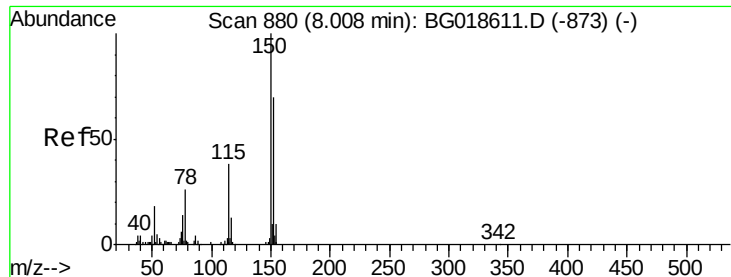
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

Instrument :

BNA_G

ClientSampleId :

FB

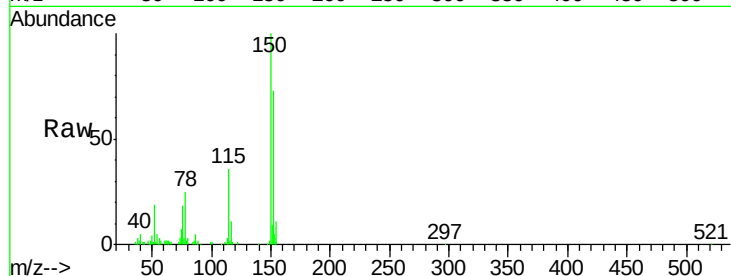
Tgt Ion:152 Resp: 56649

Ion Ratio Lower Upper

152 100

150 137.0 115.0 172.4

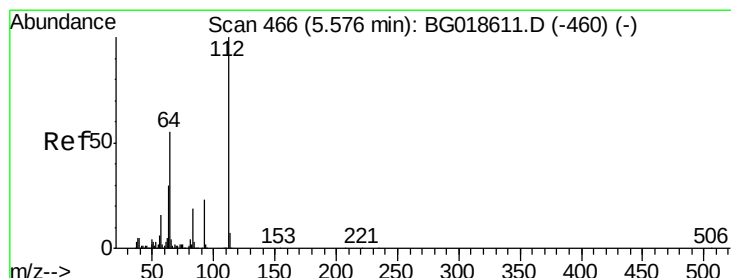
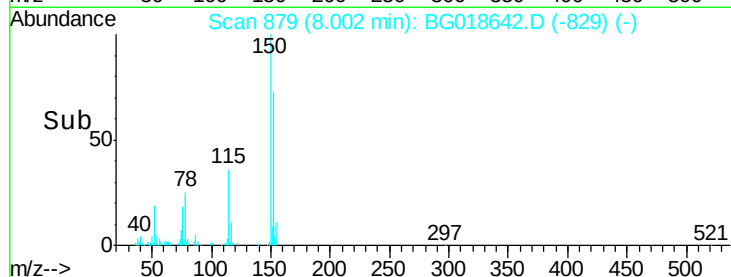
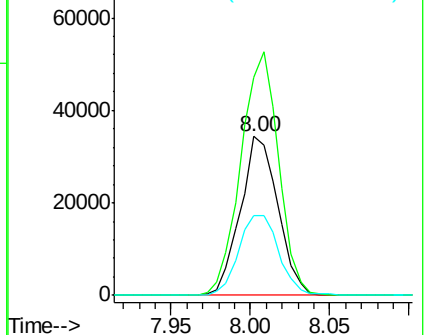
115 49.9 43.9 65.9



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: 63.71 ng

RT: 5.58 min Scan# 466

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

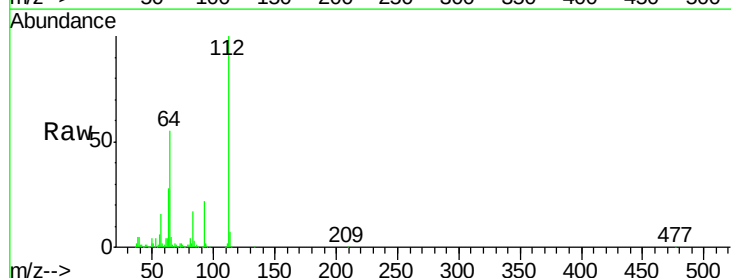
Tgt Ion:112 Resp: 208941

Ion Ratio Lower Upper

112 100

64 55.2 43.7 65.5

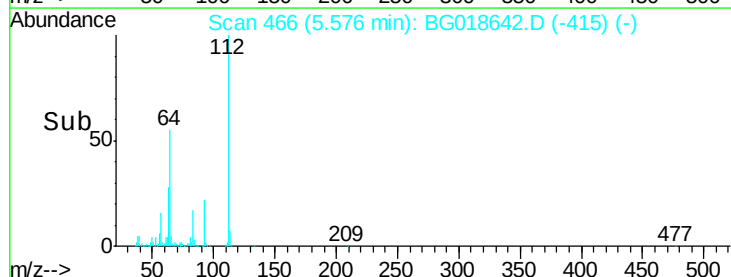
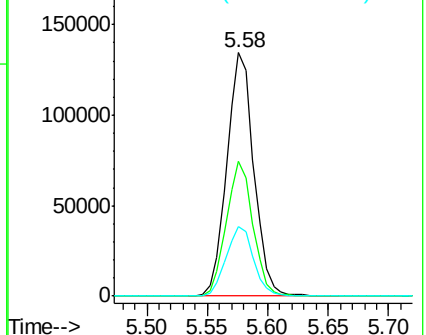
63 28.3 24.0 36.0

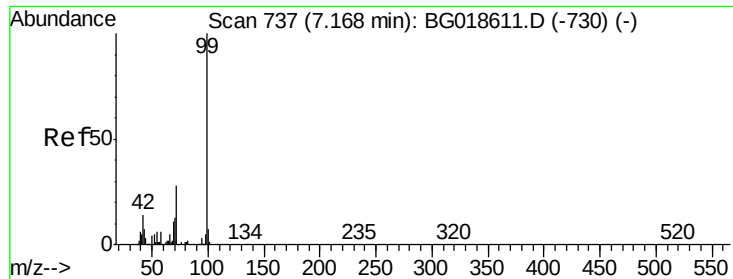


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.46 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

Instrument :

BNA_G

ClientSampleId :

FB

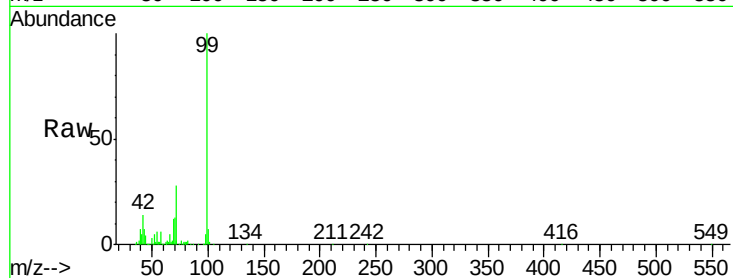
Tgt Ion: 99 Resp: 176158

Ion Ratio Lower Upper

99 100

42 13.8 11.5 17.3

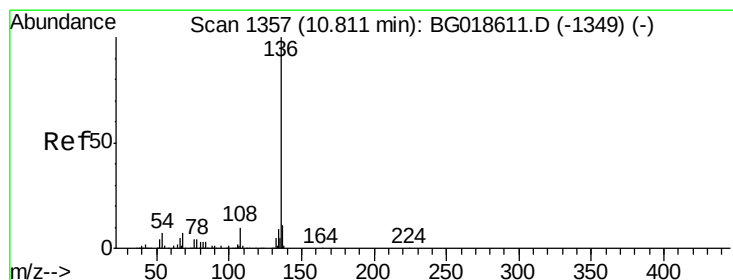
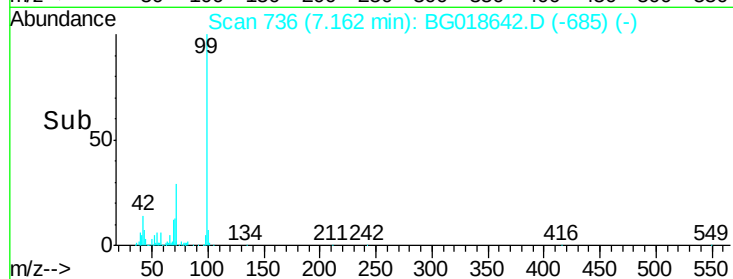
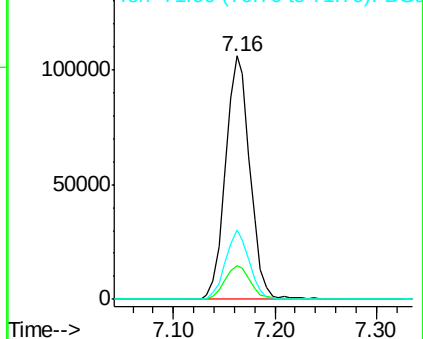
71 28.5 22.6 34.0



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: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

Tgt Ion: 136 Resp: 226466

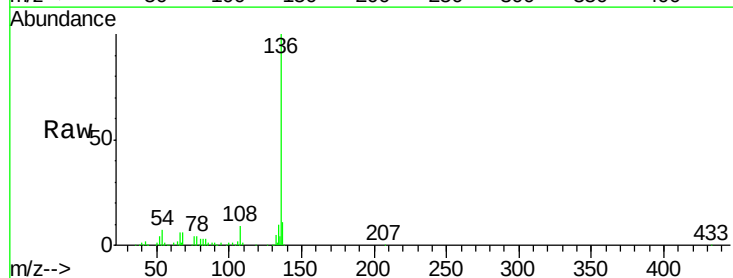
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.6 5.4 8.2

68 6.4 5.3 7.9

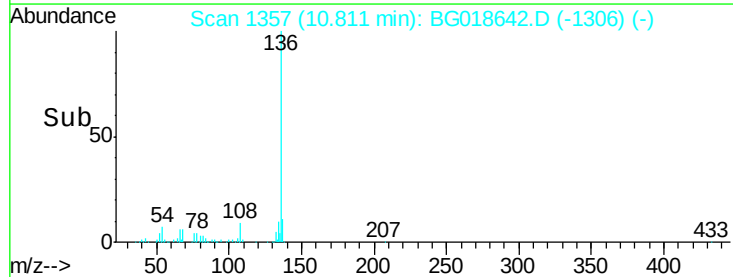
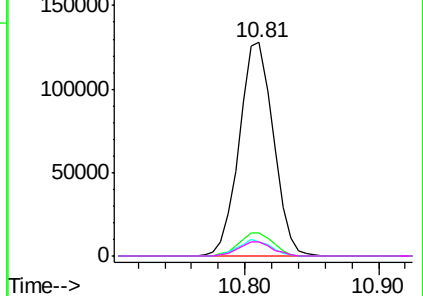


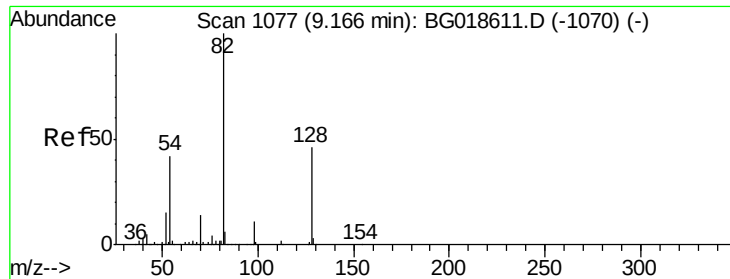
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

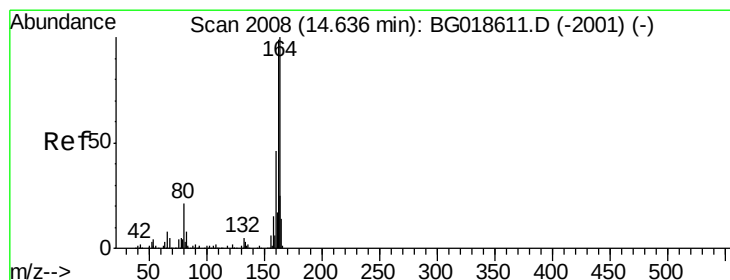
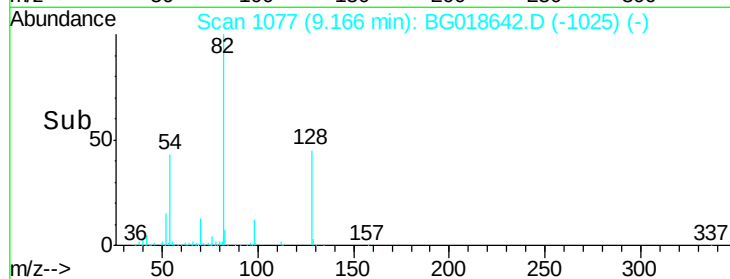
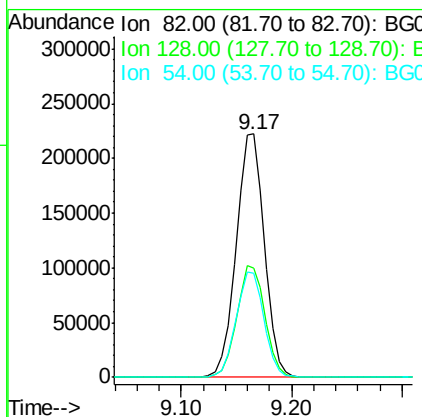
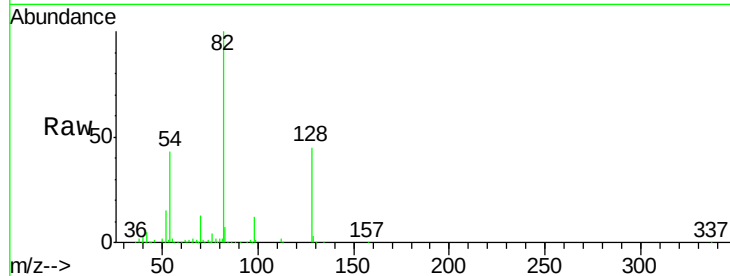




#23
 Nitrobenzene-d5
 Concen: 98.42 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BG018642.D
 Acq: 11 Sep 2015 16:52

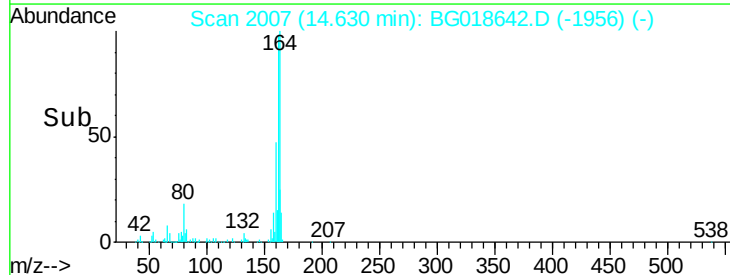
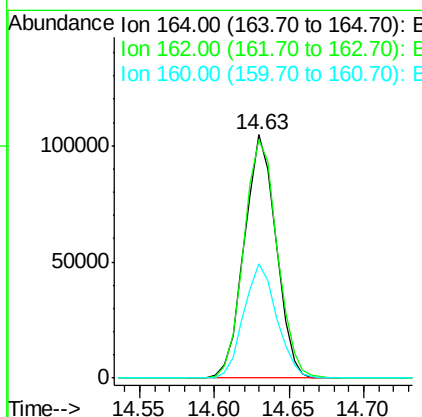
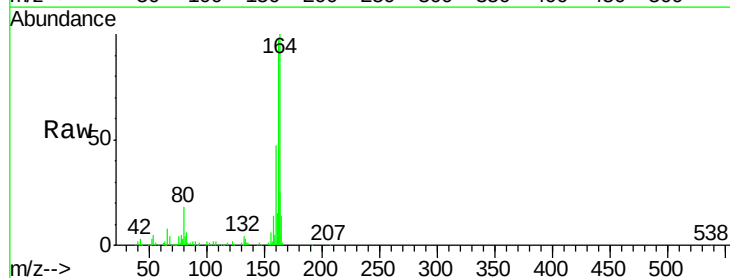
Instrument :
 BNA_G
 ClientSampleId :
 FB

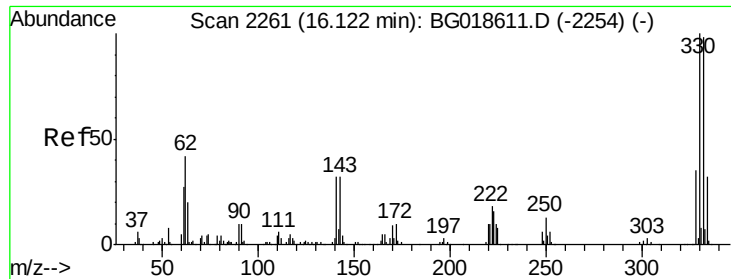
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.7	55.1
54	43.0	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG018642.D
 Acq: 11 Sep 2015 16:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	47.1	36.4	54.6





#41

2,4,6-Tribromophenol

Concen: 146.97 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

Instrument :

BNA_G

ClientSampled :

FB

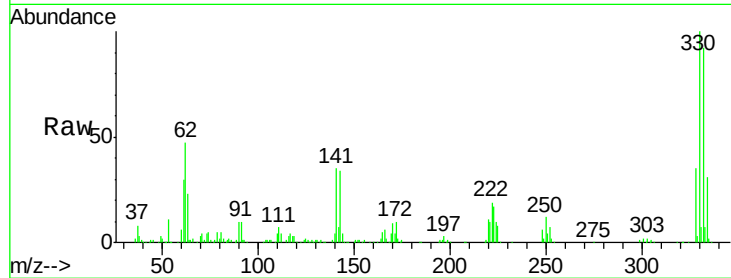
Tgt Ion:330 Resp: 305827

Ion Ratio Lower Upper

330 100

332 95.2 78.1 117.1

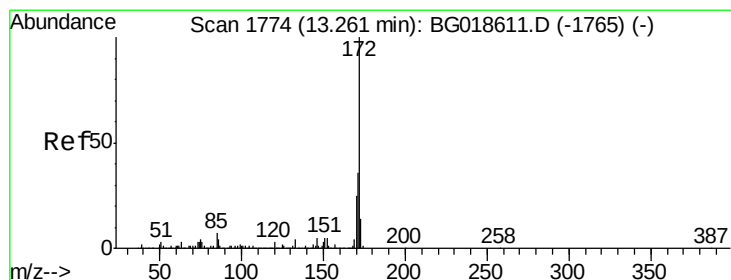
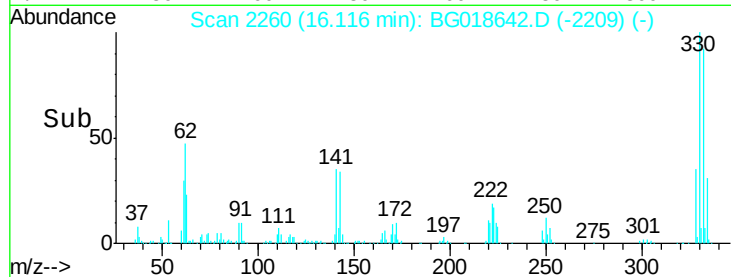
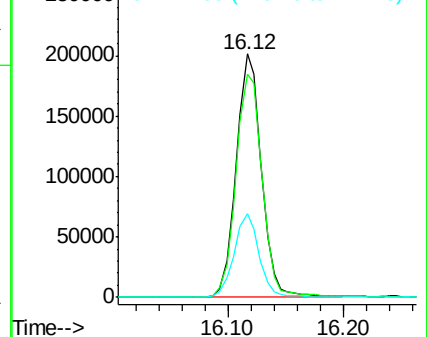
141 33.9 28.2 42.2



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: 93.64 ng

RT: 13.25 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

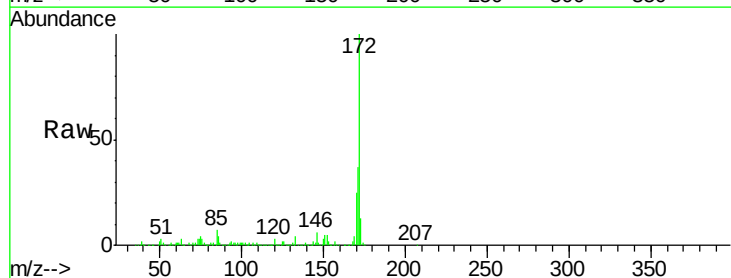
Tgt Ion:172 Resp: 1042484

Ion Ratio Lower Upper

172 100

171 37.0 29.0 43.6

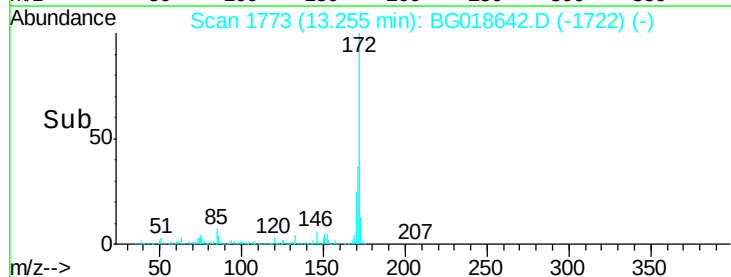
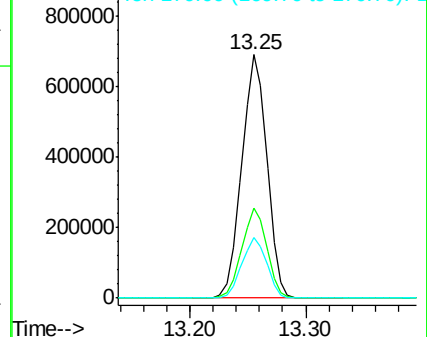
170 25.0 19.9 29.9

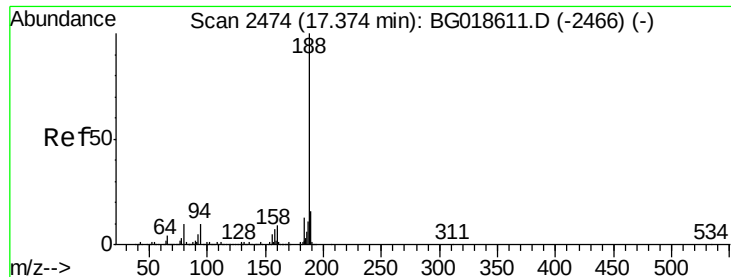


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2474

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

Instrument :

BNA_G

ClientSampleId :

FB

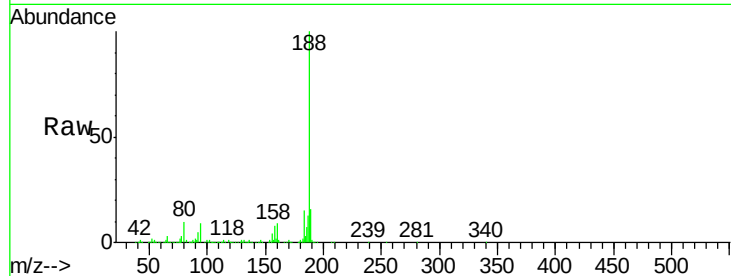
Tgt Ion:188 Resp: 433734

Ion Ratio Lower Upper

188 100

94 9.2 7.7 11.5

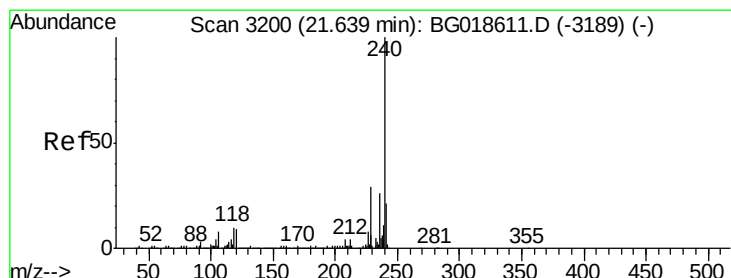
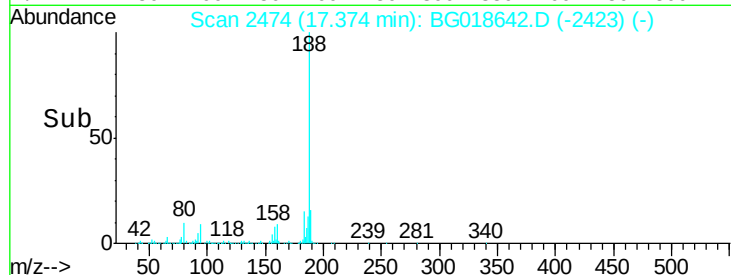
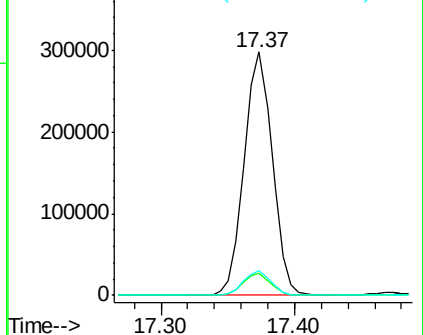
80 10.0 7.8 11.8



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: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

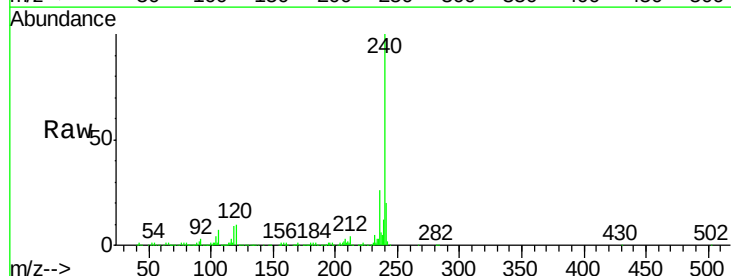
Tgt Ion:240 Resp: 494249

Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

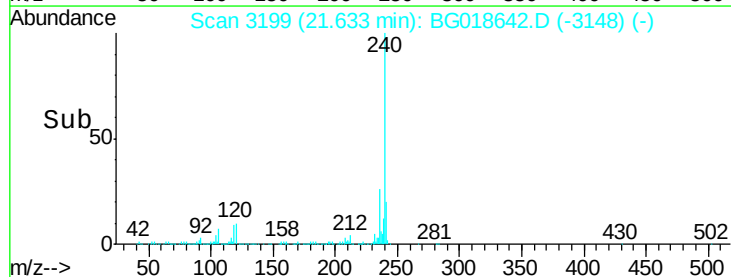
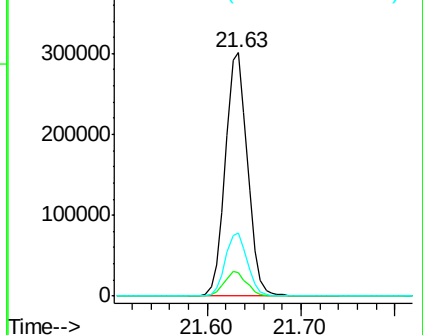
236 26.1 20.7 31.1

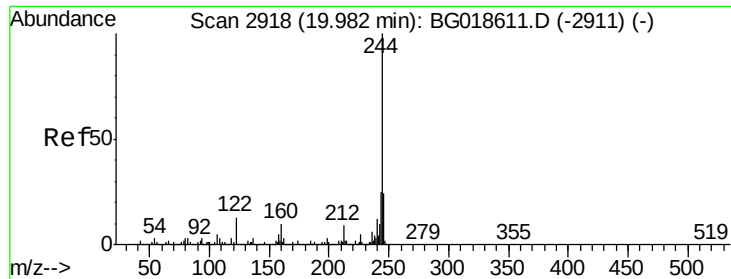


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.99 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

Instrument :

BNA_G

ClientSampleId :

FB

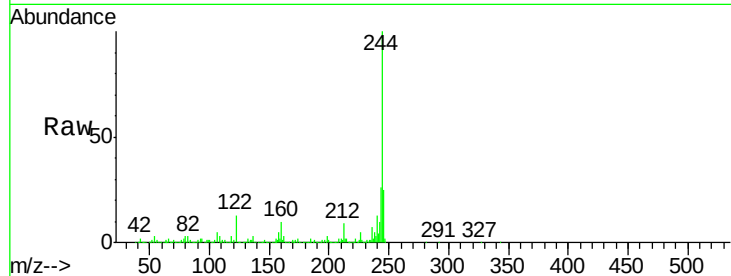
Tgt Ion:244 Resp: 1806612

Ion Ratio Lower Upper

244 100

212 9.1 6.9 10.3

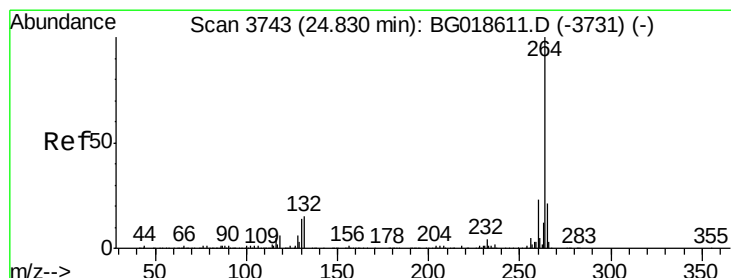
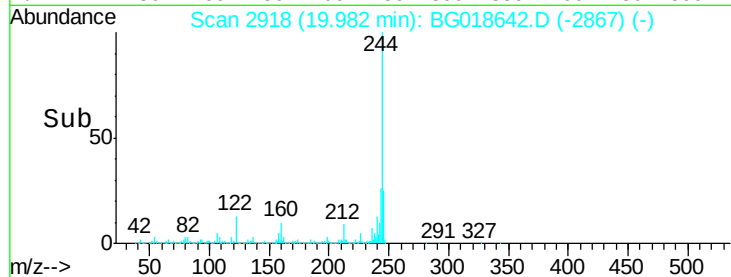
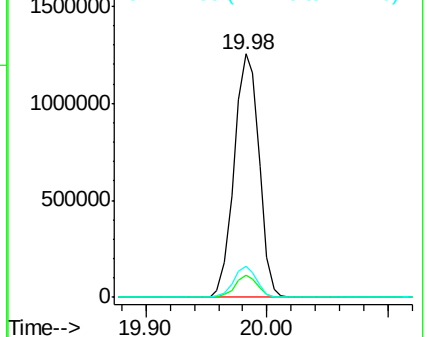
122 12.8 10.2 15.2



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# 3741

Delta R.T. -0.01 min

Lab File: BG018642.D

Acq: 11 Sep 2015 16:52

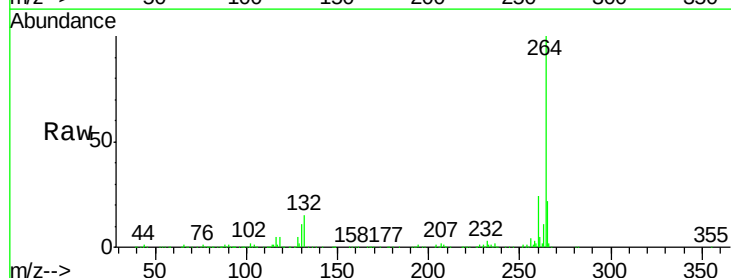
Tgt Ion:264 Resp: 489514

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.9 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

