

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040615\
 Data File : BG016235.D
 Acq On : 6 Apr 2015 21:59
 Operator : TP/IZ
 Sample : G1757-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01

Quant Time: Apr 07 05:44:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	65742	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	311865	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	191720	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	412756	20.00	ng	0.00
75) Chrysene-d12	21.25	240	383622	20.00	ng	0.00
86) Perylene-d12	23.50	264	340161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	246062	59.07	ng	0.00
7) Phenol-d6	6.87	99	218419	34.93	ng	0.00
23) Nitrobenzene-d5	8.86	82	454363	84.40	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	183092	141.21	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	990742	87.98	ng	0.00
78) Terphenyl-d14	19.71	244	1250893	76.32	ng	0.00

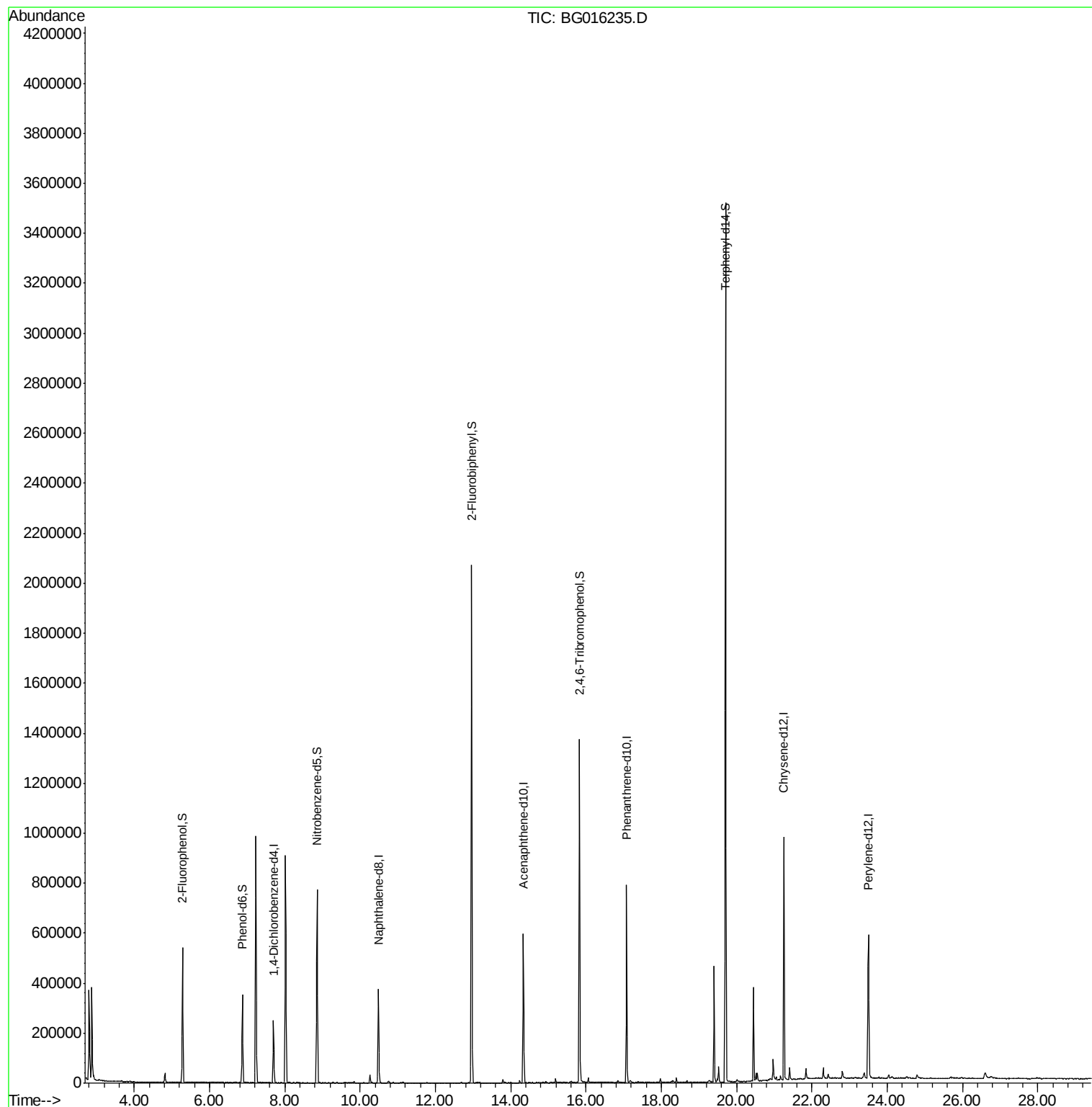
Target Compounds	Qvalue
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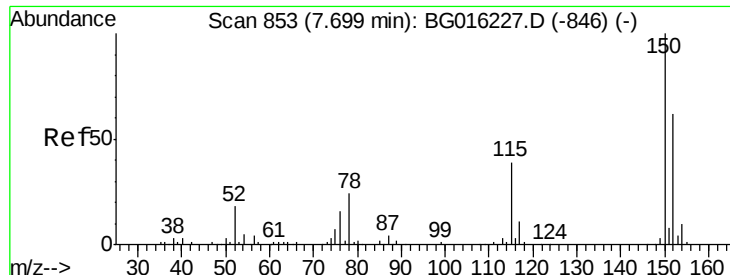
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG016235.D

Acq: 6 Apr 2015 21:59

Instrument :

BNA_G

ClientSampleId :

LS-SW01

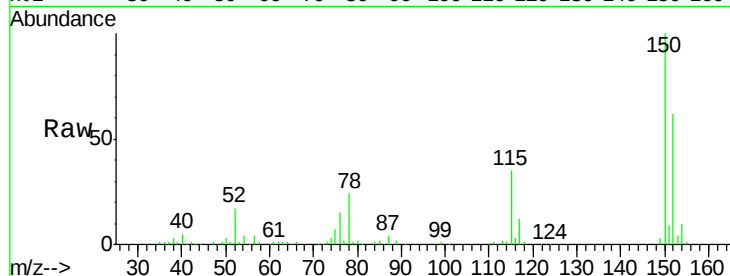
Tgt Ion:152 Resp: 65742

Ion Ratio Lower Upper

152 100

150 160.3 130.1 195.1

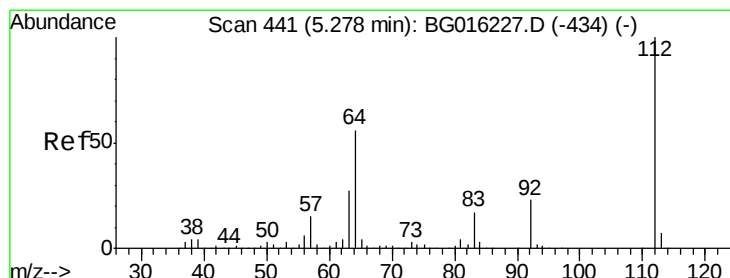
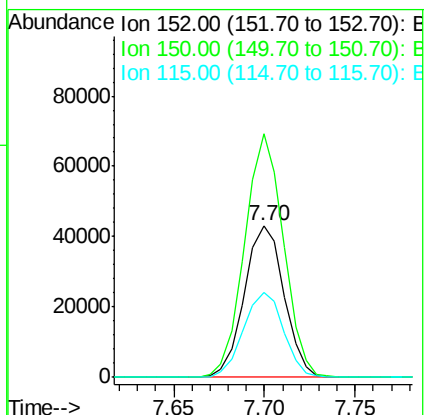
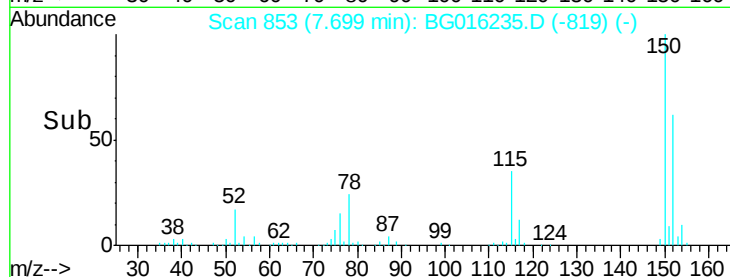
115 55.5 50.5 75.7



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: 59.07 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016235.D

Acq: 6 Apr 2015 21:59

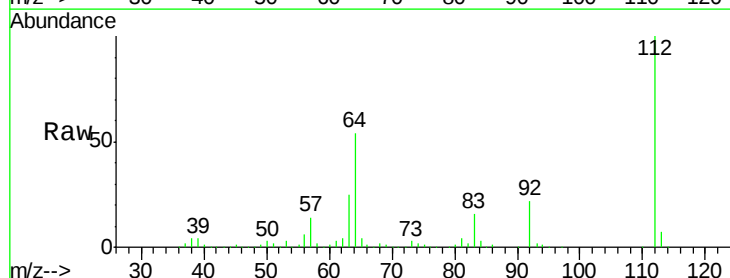
Tgt Ion:112 Resp: 246062

Ion Ratio Lower Upper

112 100

64 53.7 44.5 66.7

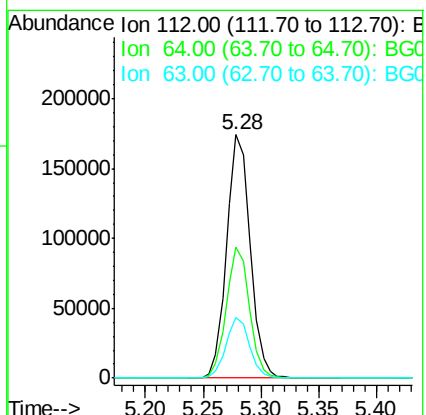
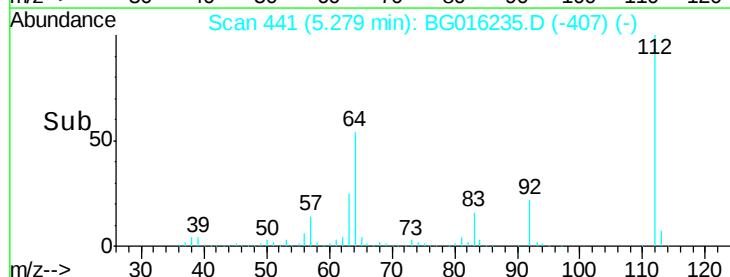
63 25.1 21.4 32.0

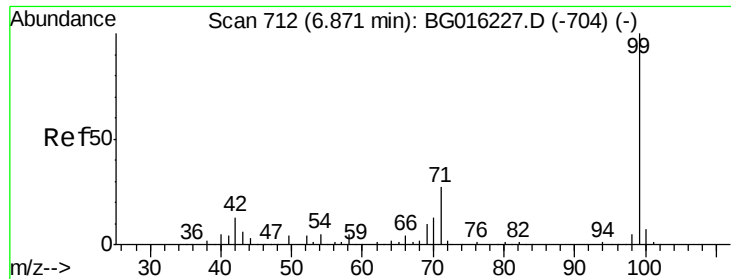


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.93 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016235.D

Acq: 6 Apr 2015 21:59

Instrument :

BNA_G

ClientSampleId :

LS-SW01

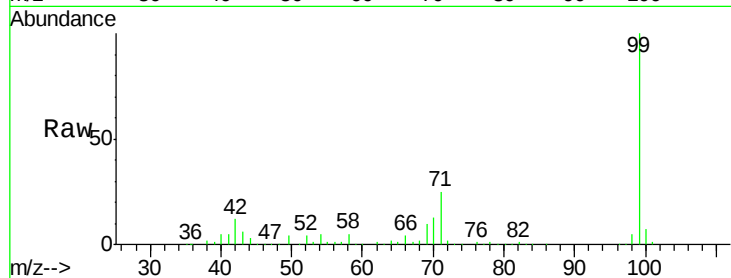
Tgt Ion: 99 Resp: 218419

Ion Ratio Lower Upper

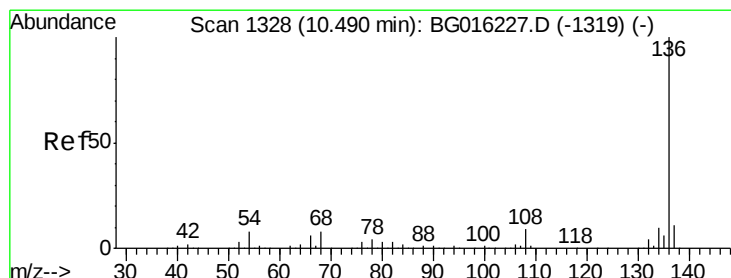
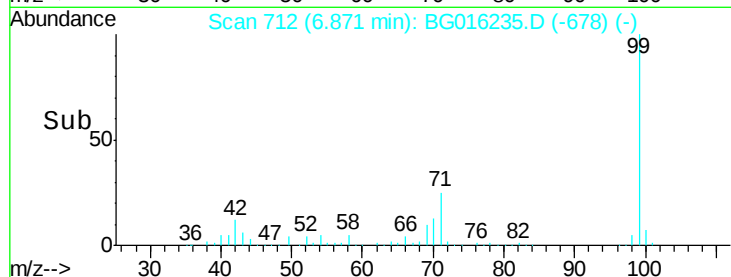
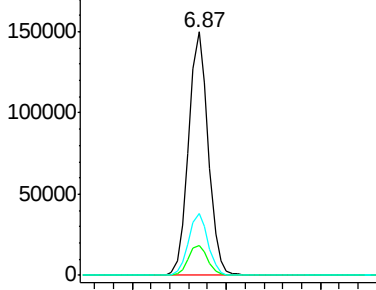
99 100

42 12.2 10.0 15.0

71 25.4 21.5 32.3



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: 10.48 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BG016235.D

Acq: 6 Apr 2015 21:59

Tgt Ion: 136 Resp: 311865

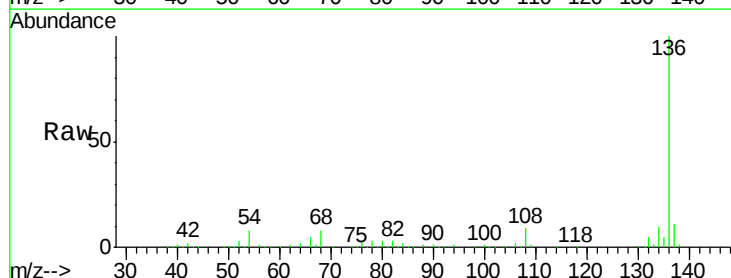
Ion Ratio Lower Upper

136 100

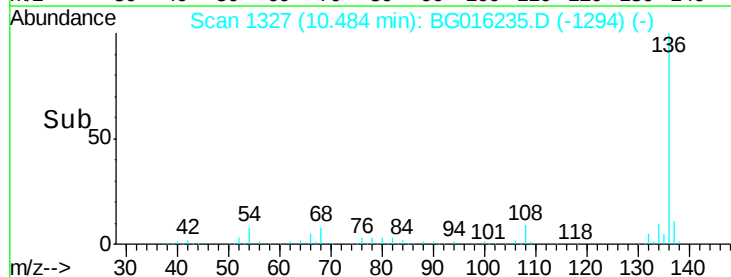
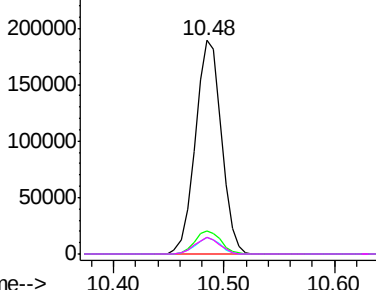
137 10.8 8.7 13.1

54 8.0 6.3 9.5

68 7.7 6.5 9.7



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

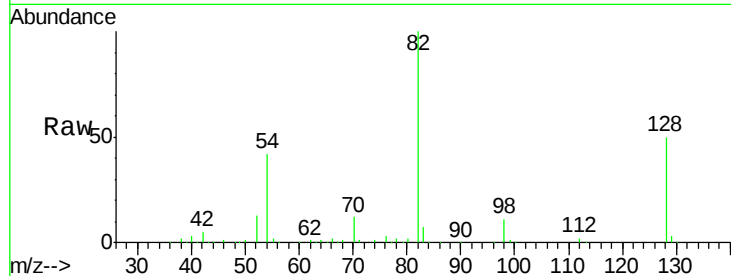




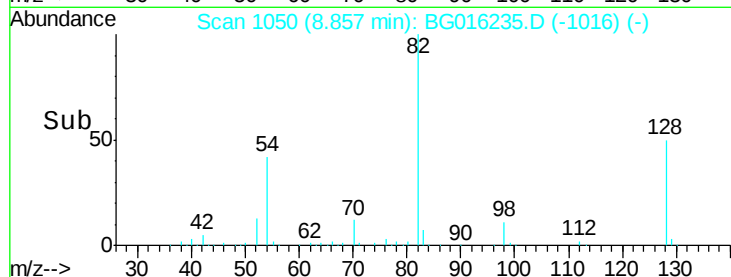
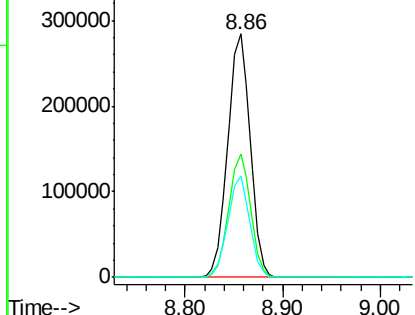
#23
 Nitrobenzene-d5
 Concen: 84.40 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG016235.D
 Acq: 6 Apr 2015 21:59

Instrument :
 BNA_G
 ClientSampled :
 LS-SW01

Tgt Ion: 82 Resp: 454363
 Ion Ratio Lower Upper
 82 100
 128 50.5 37.8 56.8
 54 41.7 32.6 49.0

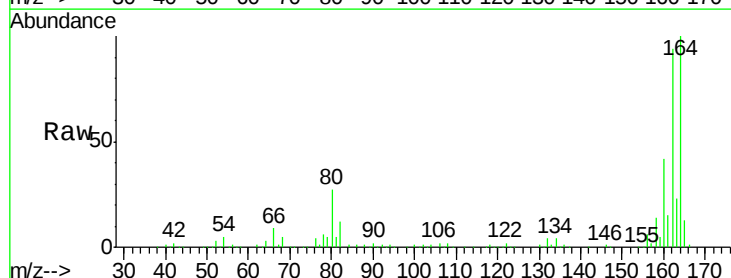


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

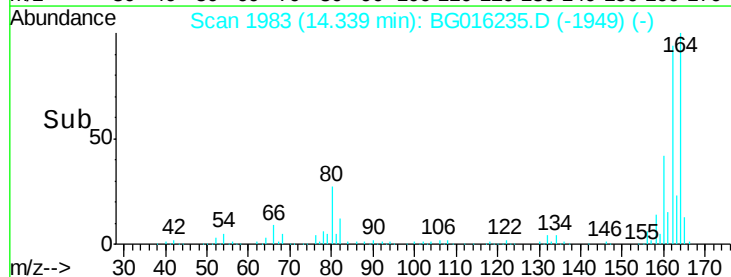
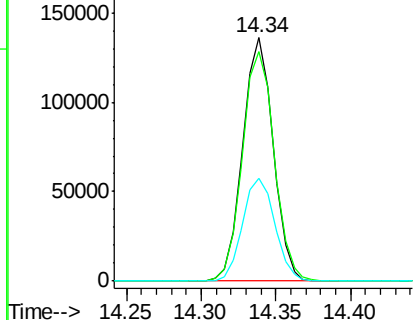


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG016235.D
 Acq: 6 Apr 2015 21:59

Tgt Ion: 164 Resp: 191720
 Ion Ratio Lower Upper
 164 100
 162 94.2 77.3 115.9
 160 42.4 36.7 55.1



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: 141.21 ng

RT: 15.83 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BG016235.D

Acq: 6 Apr 2015 21:59

Instrument :

BNA_G

ClientSampleId :

LS-SW01

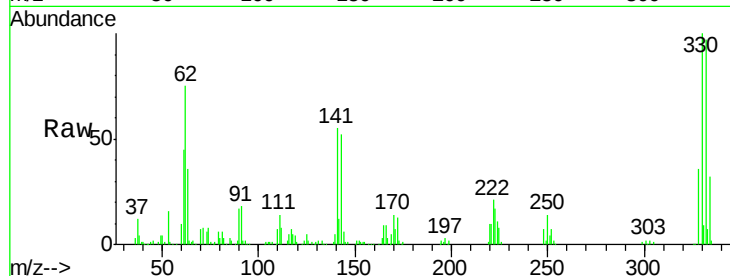
Tgt Ion:330 Resp: 183092

Ion Ratio Lower Upper

330 100

332 95.9 75.8 113.6

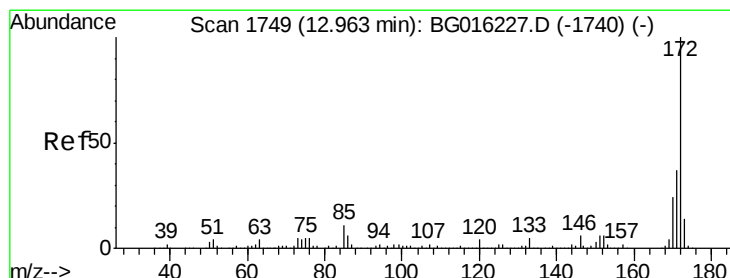
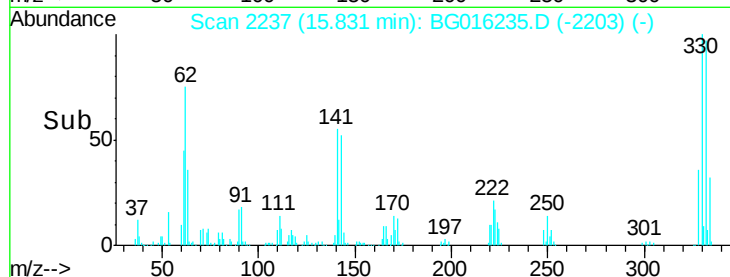
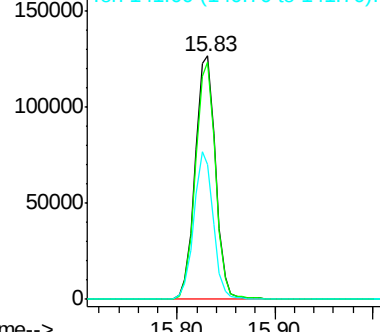
141 57.9 46.6 69.8



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: 87.98 ng

RT: 12.96 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BG016235.D

Acq: 6 Apr 2015 21:59

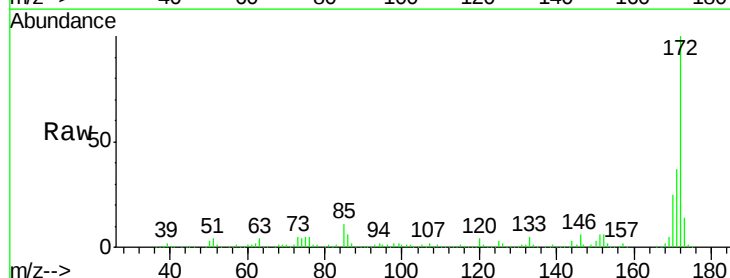
Tgt Ion:172 Resp: 990742

Ion Ratio Lower Upper

172 100

171 37.4 29.6 44.4

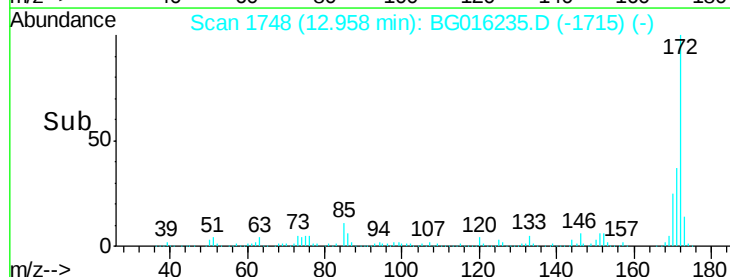
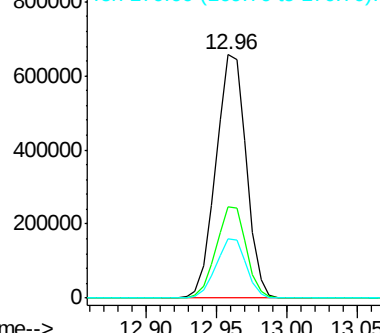
170 24.5 19.4 29.2



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: 17.08 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG016235.D

Acq: 6 Apr 2015 21:59

Instrument :

BNA_G

ClientSampleId :

LS-SW01

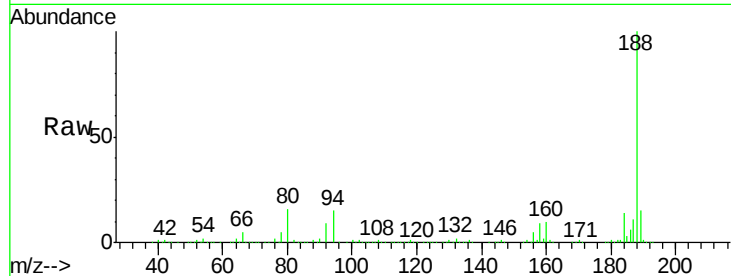
Tgt Ion:188 Resp: 412756

Ion Ratio Lower Upper

188 100

94 15.5 12.2 18.4

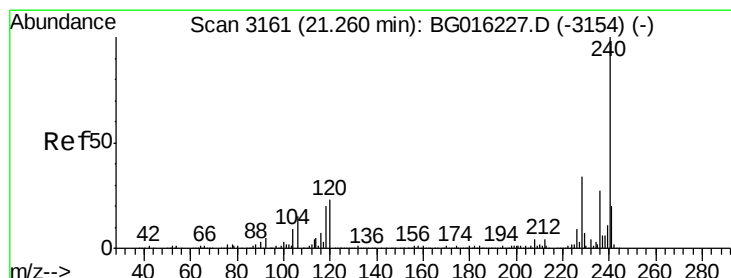
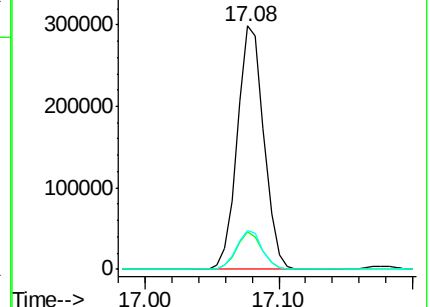
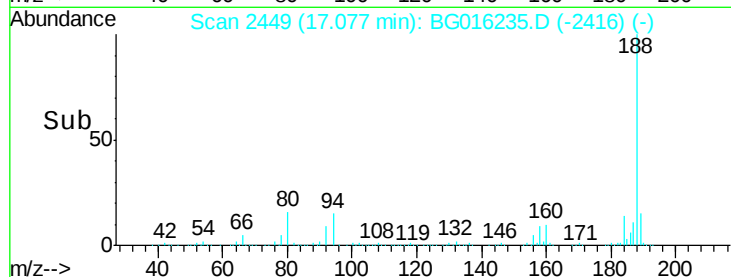
80 15.9 12.8 19.2



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: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG016235.D

Acq: 6 Apr 2015 21:59

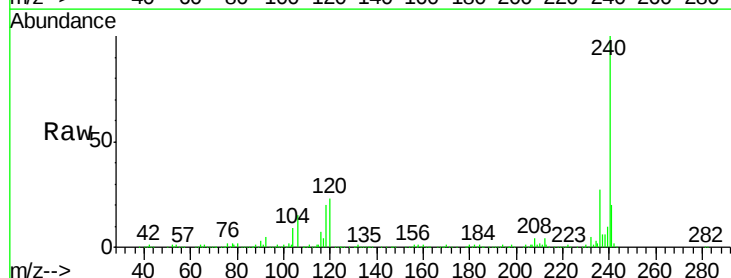
Tgt Ion:240 Resp: 383622

Ion Ratio Lower Upper

240 100

120 23.2 18.6 28.0

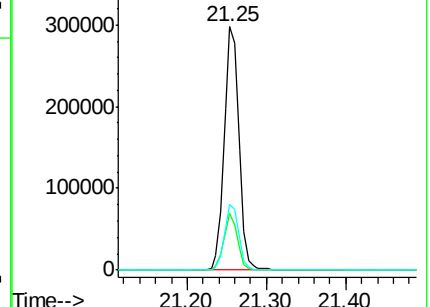
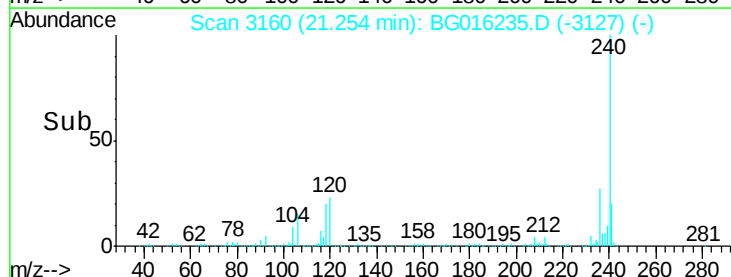
236 26.9 21.7 32.5

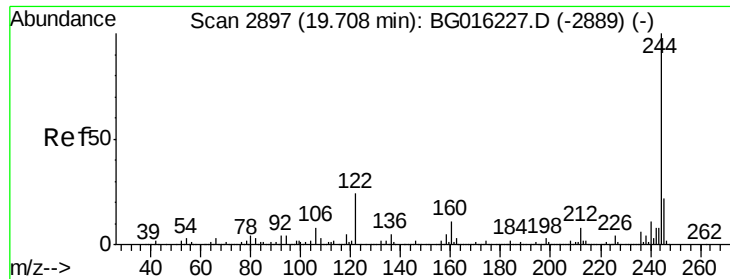


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.32 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG016235.D

Acq: 6 Apr 2015 21:59

Instrument :

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LS-SW01

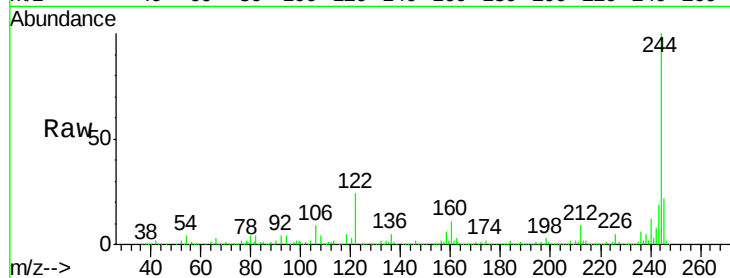
Tgt Ion:244 Resp: 1250893

Ion Ratio Lower Upper

244 100

212 8.7 6.6 9.8

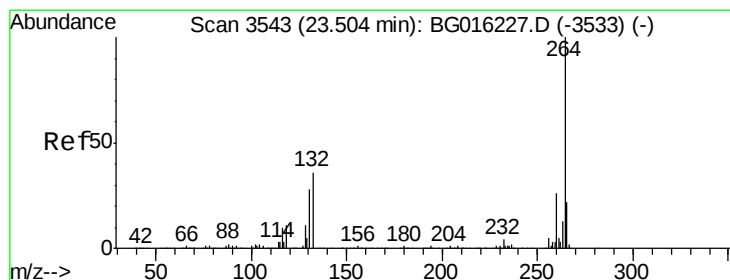
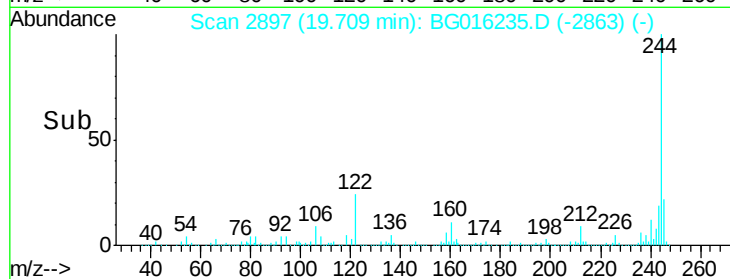
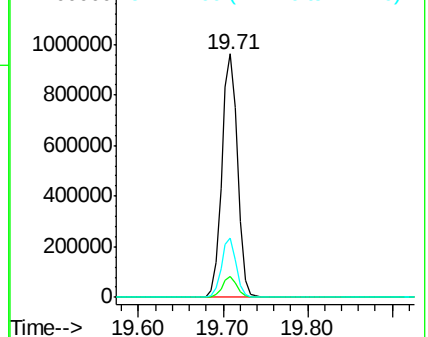
122 24.3 19.1 28.7



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

Perylene-d12

Concen: 20.00 ng

RT: 23.50 min Scan# 3543

Delta R.T. 0.00 min

Lab File: BG016235.D

Acq: 6 Apr 2015 21:59

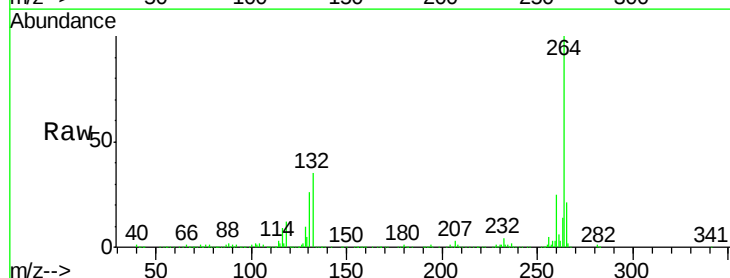
Tgt Ion:264 Resp: 340161

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

265 20.6 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

