

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016500.D
 Acq On : 17 Apr 2015 22:11
 Operator : TP/IZ
 Sample : G1880-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4-1-4

Quant Time: Apr 18 00:51:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 00:32:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	66861	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	293187	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	172527	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	364453	20.00	ng	0.00
75) Chrysene-d12	21.23	240	319745	20.00	ng	0.00
86) Perylene-d12	23.46	264	306920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	258913	61.11	ng	0.00
7) Phenol-d6	6.85	99	415909	65.40	ng	0.00
23) Nitrobenzene-d5	8.81	82	220628	43.59	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	41539	35.60	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	495027	48.85	ng	0.00
78) Terphenyl-d14	19.68	244	604175	44.22	ng	0.00

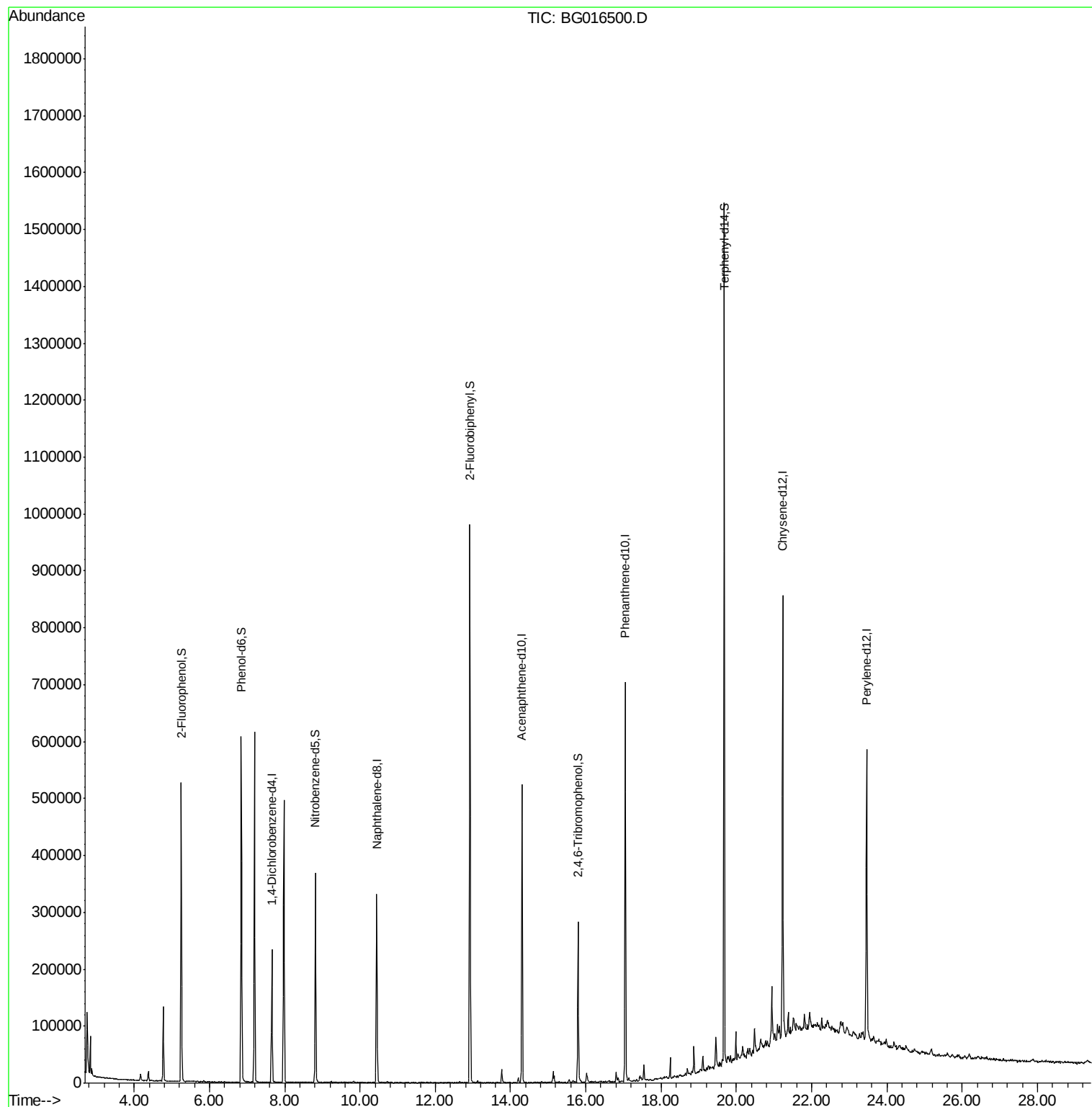
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016500.D
Acq On : 17 Apr 2015 22:11
Operator : TP/IZ
Sample : G1880-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S4-1-4

Quant Time: Apr 18 00:51:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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QLast Update : Sat Apr 18 00:32:09 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 845

Delta R.T. 0.00 min

Lab File: BG016500.D

Acq: 17 Apr 2015 22:11

Instrument :

BNA_G

ClientSampleId :

S4-1-4

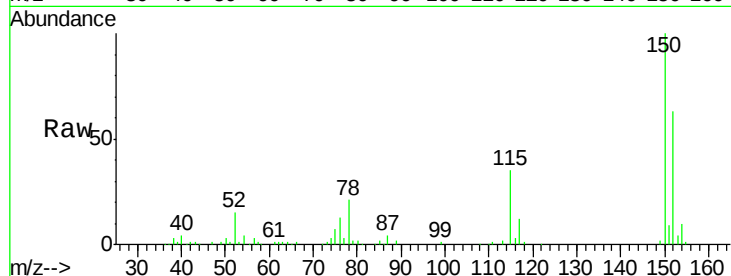
Tgt Ion:152 Resp: 66861

Ion Ratio Lower Upper

152 100

150 159.2 130.1 195.1

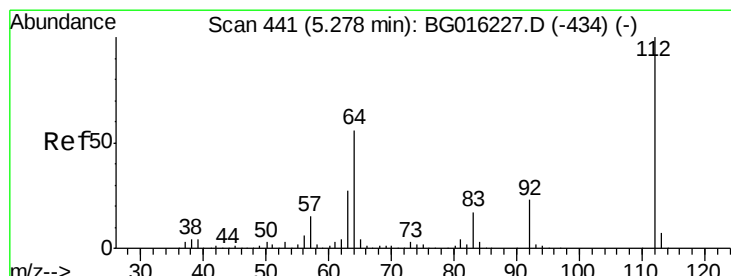
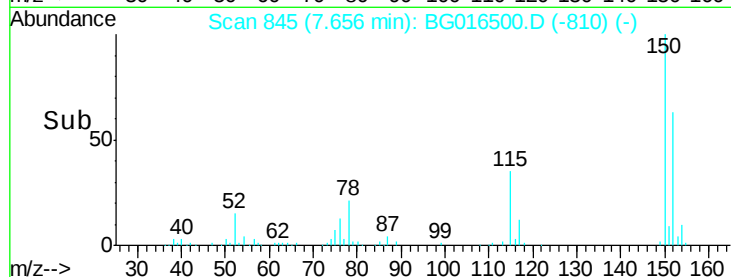
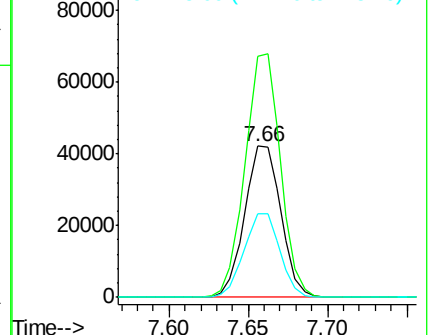
115 55.1 50.5 75.7



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: 61.11 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.01 min

Lab File: BG016500.D

Acq: 17 Apr 2015 22:11

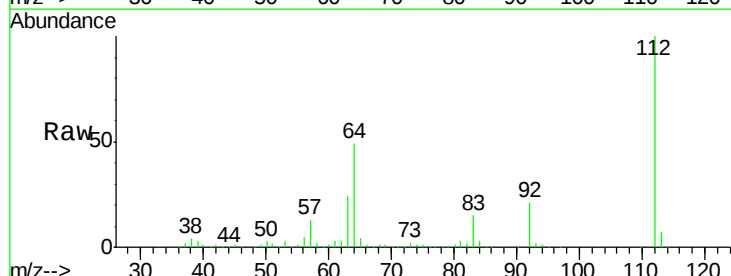
Tgt Ion:112 Resp: 258913

Ion Ratio Lower Upper

112 100

64 48.9 44.5 66.7

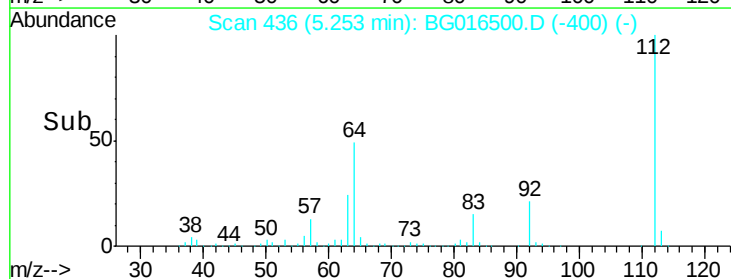
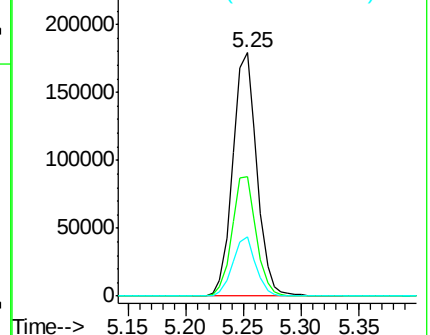
63 24.3 21.4 32.0

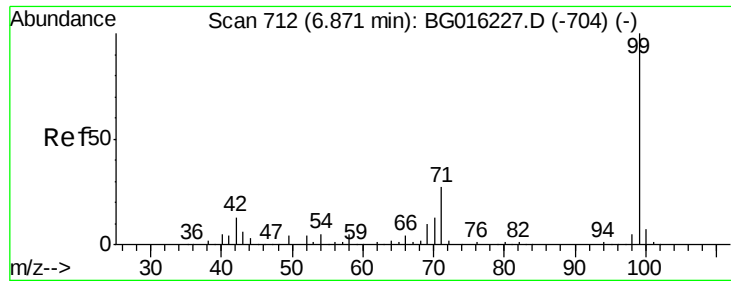


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 65.40 ng

RT: 6.85 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG016500.D

Acq: 17 Apr 2015 22:11

Instrument :

BNA_G

ClientSampleId :

S4-1-4

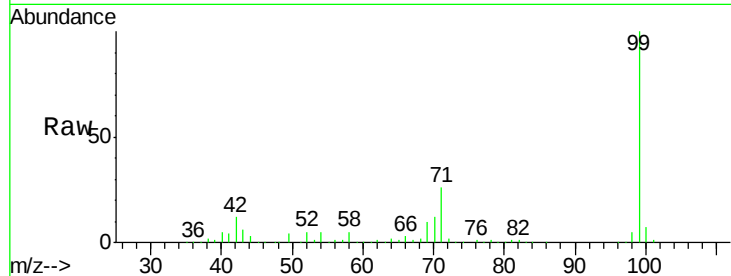
Tgt Ion: 99 Resp: 415909

Ion Ratio Lower Upper

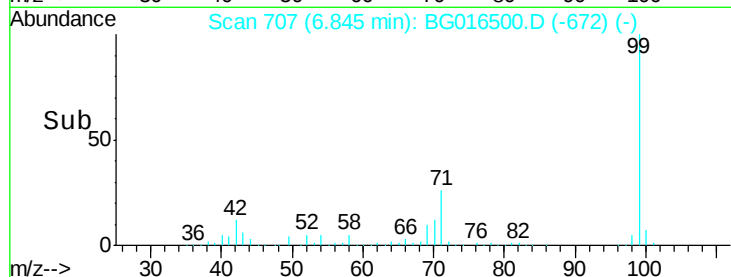
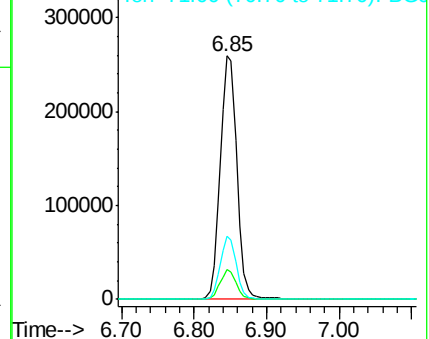
99 100

42 12.1 10.0 15.0

71 25.9 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: 10.45 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG016500.D

Acq: 17 Apr 2015 22:11

Tgt Ion: 136 Resp: 293187

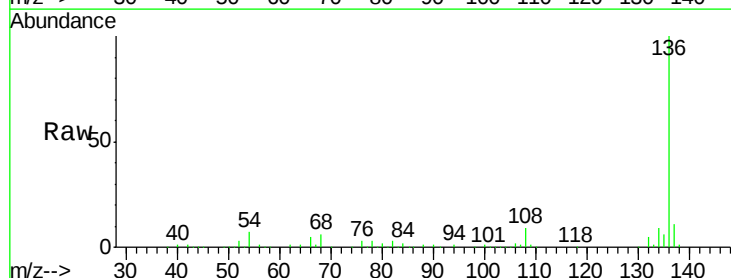
Ion Ratio Lower Upper

136 100

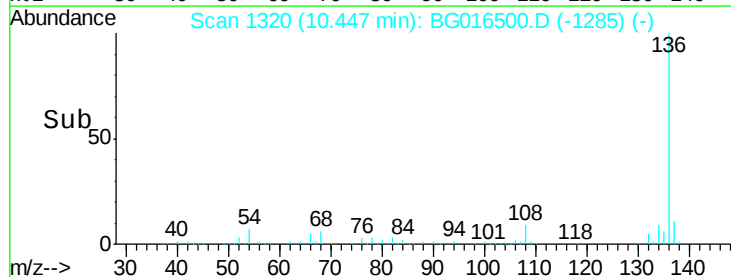
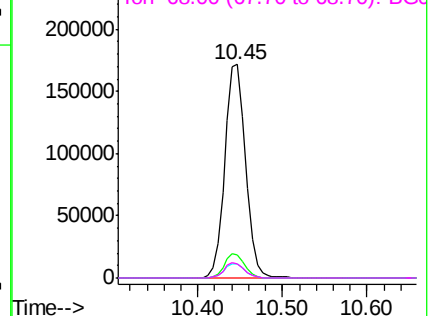
137 10.6 8.7 13.1

54 6.7 6.3 9.5

68 6.4 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

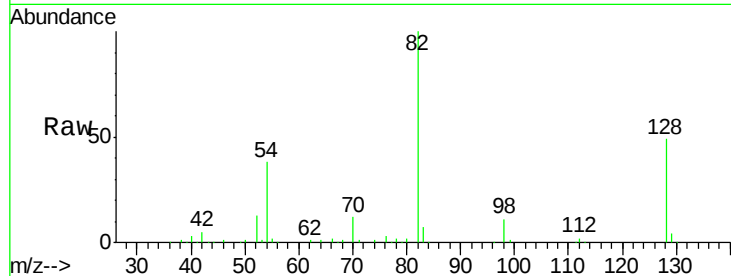




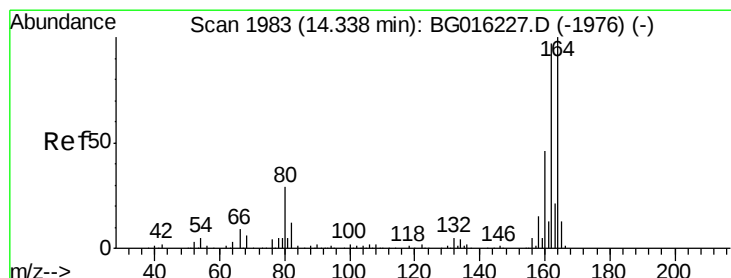
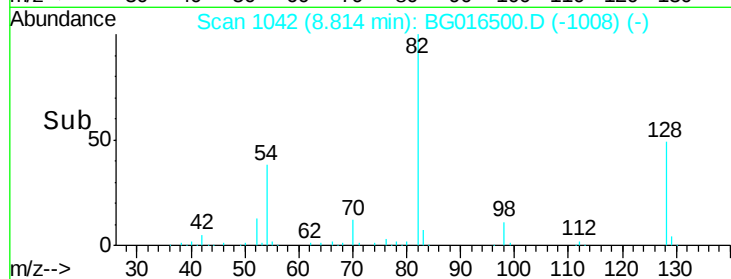
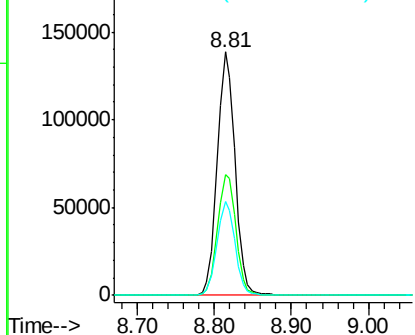
#23
 Nitrobenzene-d5
 Concen: 43.59 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG016500.D
 Acq: 17 Apr 2015 22:11

Instrument :
 BNA_G
 ClientSampleId :
 S4-1-4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.5	37.8	56.8
54	38.3	32.6	49.0

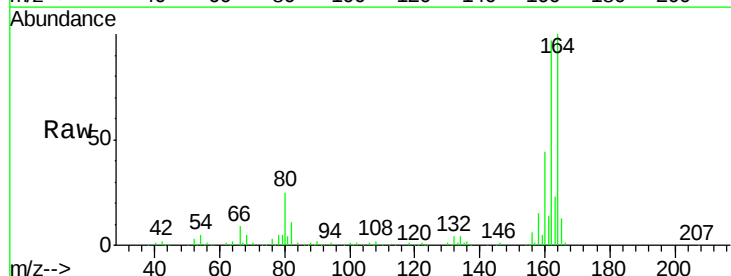


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

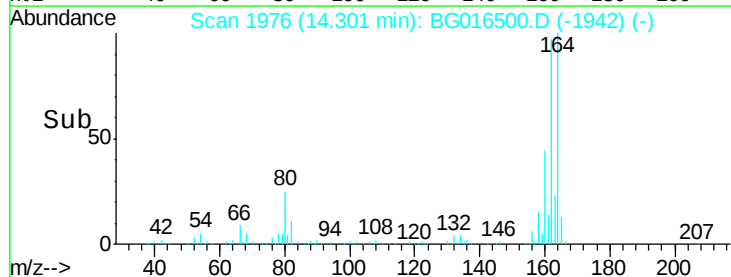
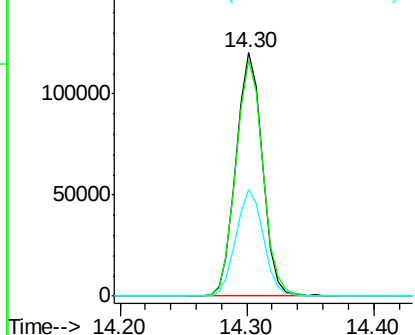


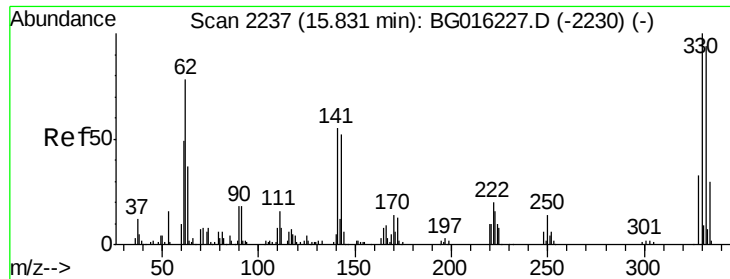
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG016500.D
 Acq: 17 Apr 2015 22:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	77.3	115.9
160	43.8	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: 35.60 ng

RT: 15.79 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG016500.D

Acq: 17 Apr 2015 22:11

Instrument :

BNA_G

ClientSampleId :

S4-1-4

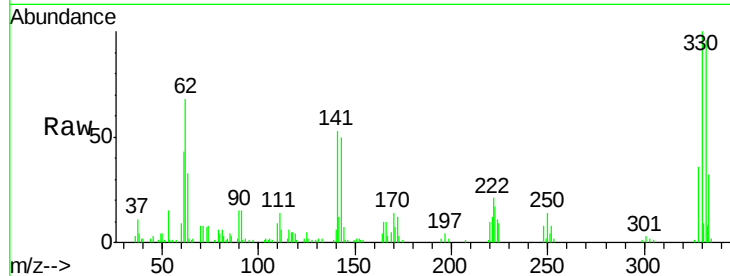
Tgt Ion:330 Resp: 41539

Ion Ratio Lower Upper

330 100

332 96.4 75.8 113.6

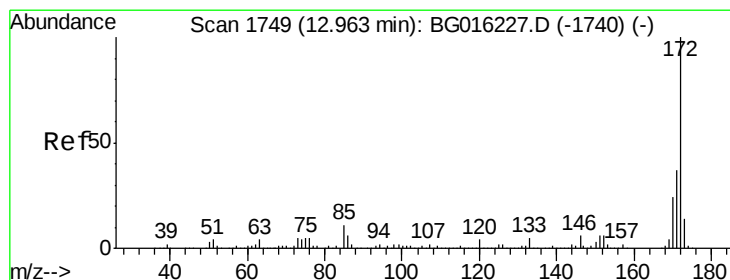
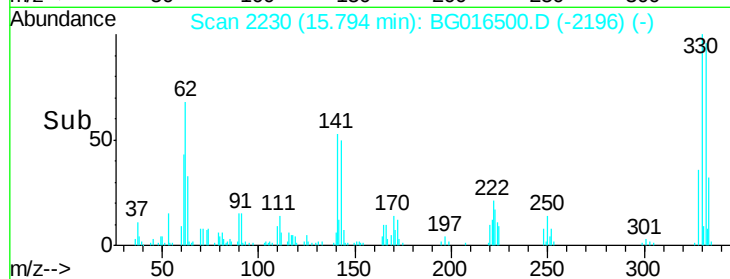
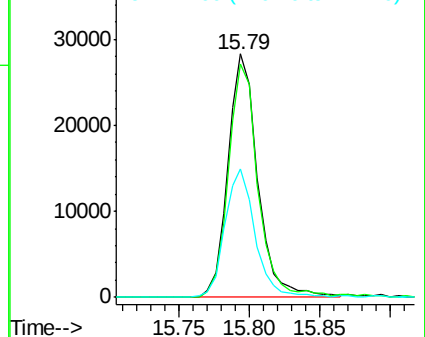
141 53.2 46.6 69.8



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: 48.85 ng

RT: 12.92 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG016500.D

Acq: 17 Apr 2015 22:11

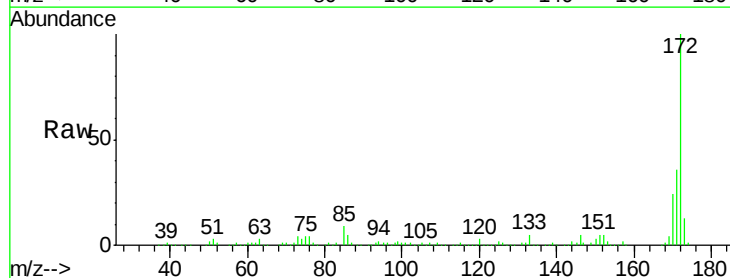
Tgt Ion:172 Resp: 495027

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

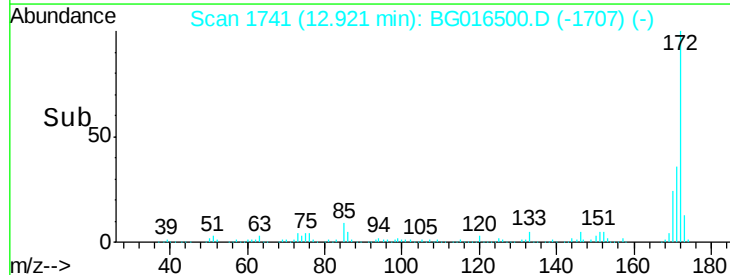
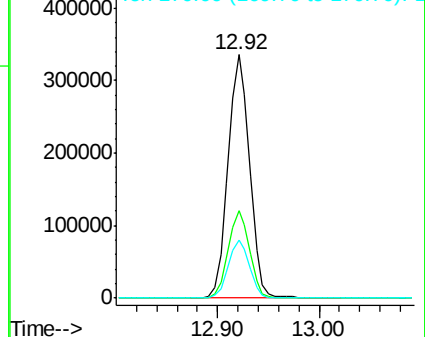
170 23.8 19.4 29.2

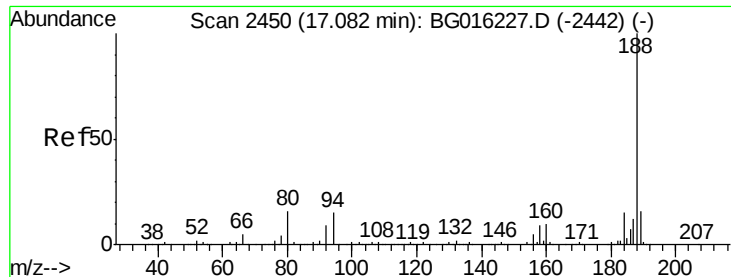


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.05 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG016500.D

Acq: 17 Apr 2015 22:11

Instrument :

BNA_G

ClientSampleId :

S4-1-4

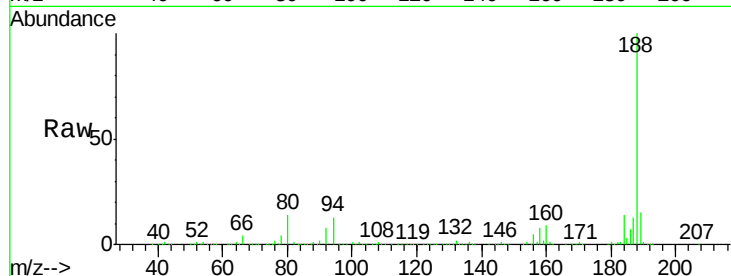
Tgt Ion:188 Resp: 364453

Ion Ratio Lower Upper

188 100

94 12.8 12.2 18.4

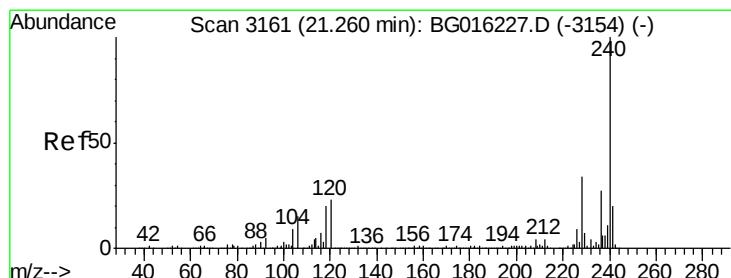
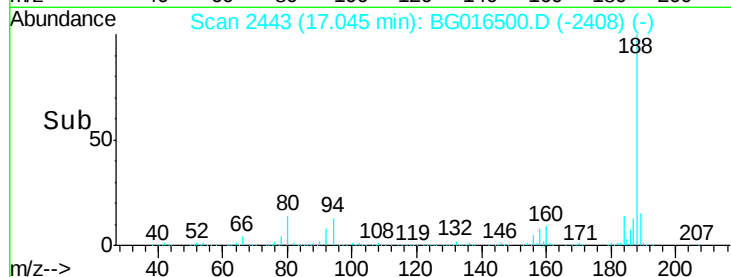
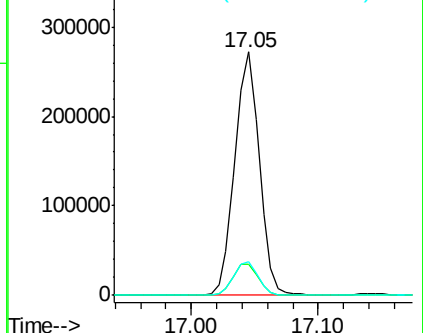
80 13.8 12.8 19.2



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: 21.23 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG016500.D

Acq: 17 Apr 2015 22:11

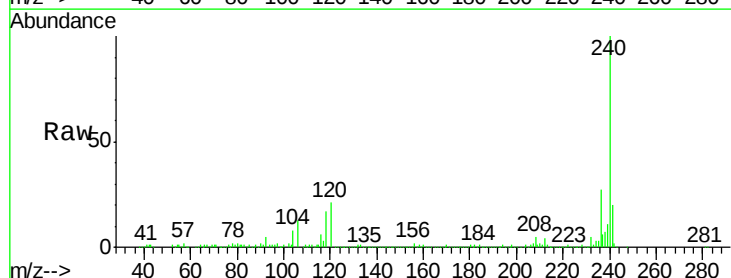
Tgt Ion:240 Resp: 319745

Ion Ratio Lower Upper

240 100

120 20.7 18.6 28.0

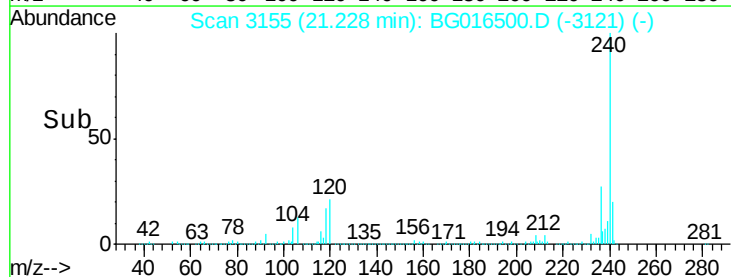
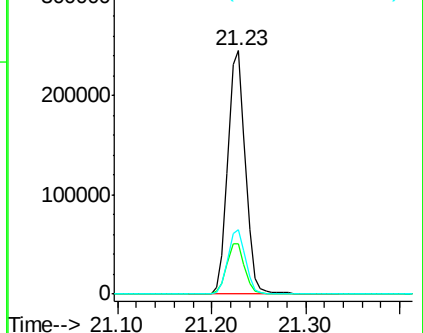
236 26.7 21.7 32.5

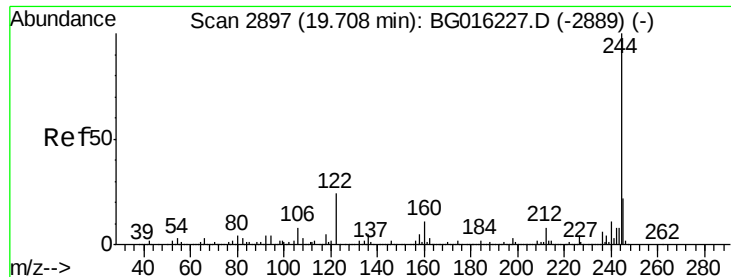


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 44.22 ng

RT: 19.68 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG016500.D

Acq: 17 Apr 2015 22:11

Instrument :

BNA_G

ClientSampleId :

S4-1-4

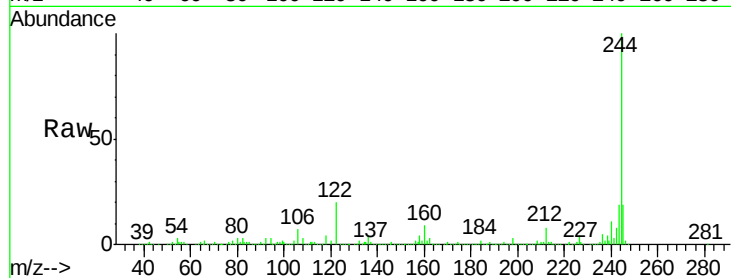
Tgt Ion:244 Resp: 604175

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

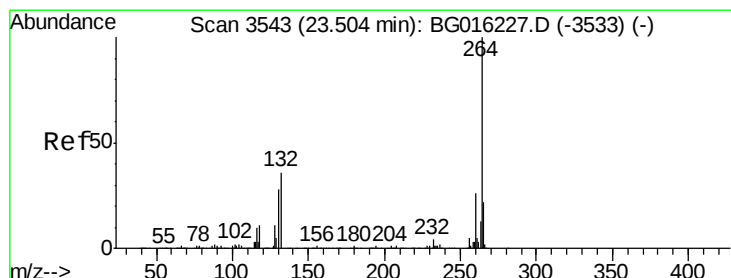
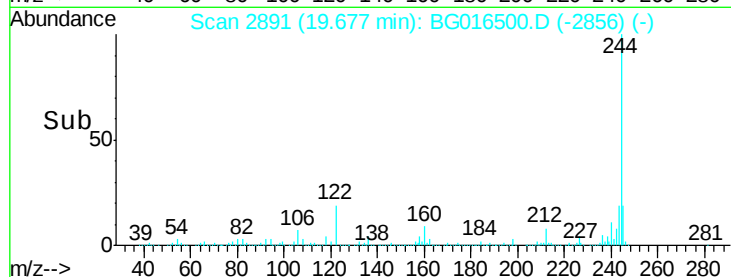
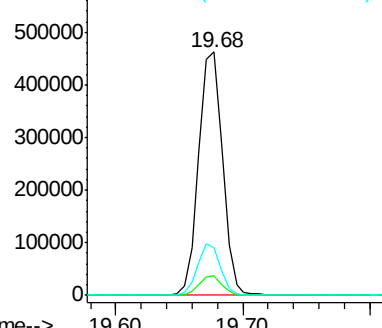
122 19.5 19.1 28.7



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: 23.46 min Scan# 3534

Delta R.T. 0.00 min

Lab File: BG016500.D

Acq: 17 Apr 2015 22:11

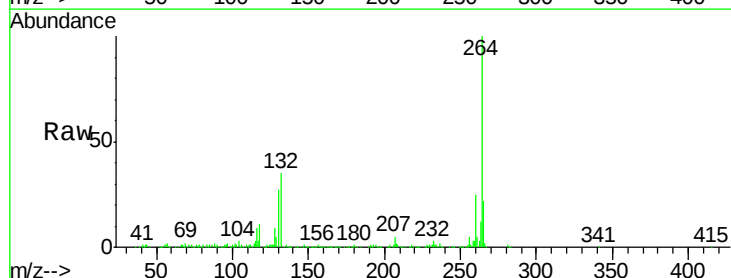
Tgt Ion:264 Resp: 306920

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 21.8 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

