

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
 Data File : BG016470.D
 Acq On : 16 Apr 2015 23:44
 Operator : TP/IZ
 Sample : G1890-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-COMP

Quant Time: Apr 17 04:15:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 03:57:14 2015
 Response via : Initial Calibration

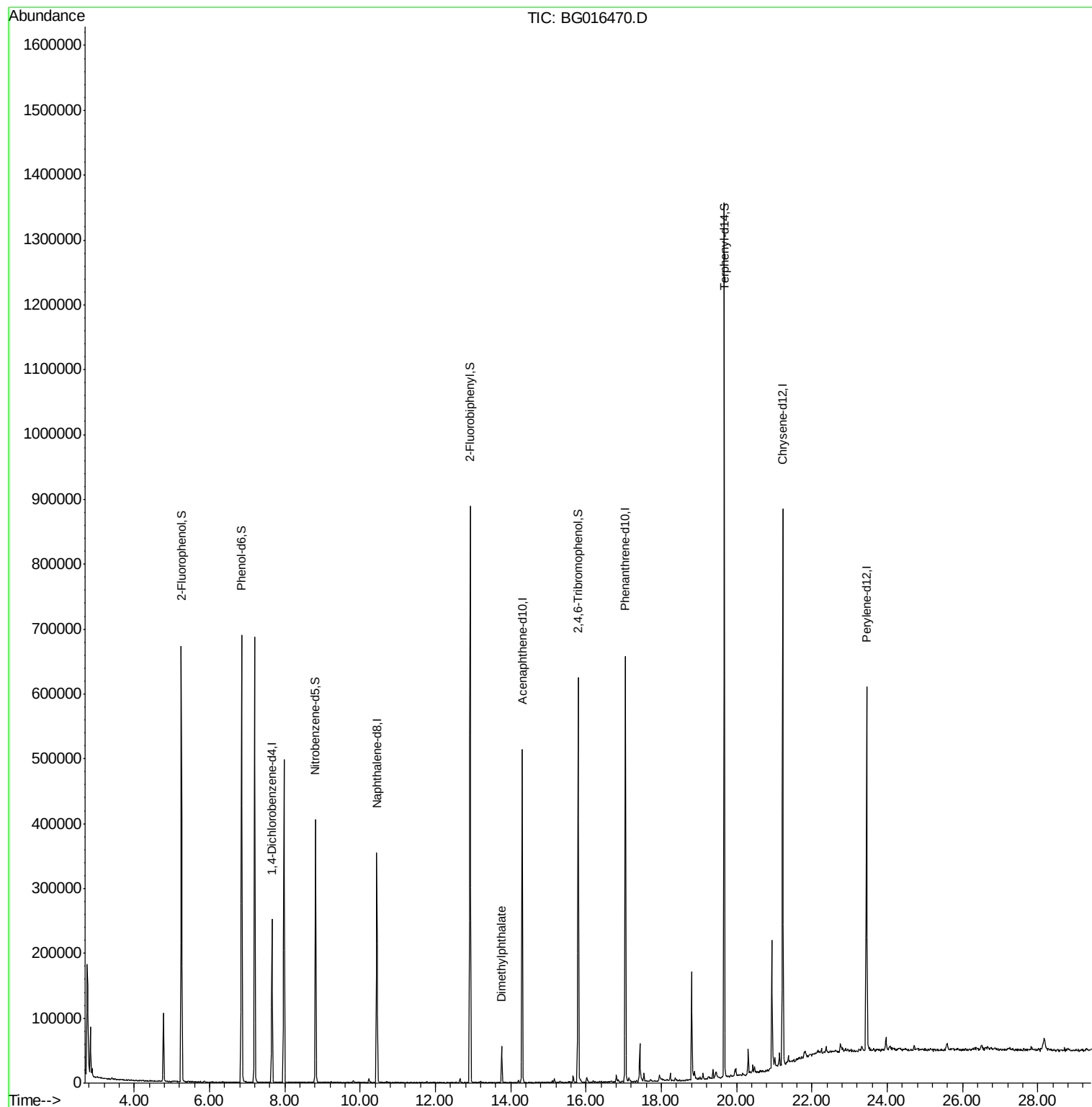
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	69862	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	294868	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	165808	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	358465	20.00	ng	0.00
75) Chrysene-d12	21.23	240	337549	20.00	ng	0.00
86) Perylene-d12	23.45	264	320904	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	328685	74.25	ng	0.00
7) Phenol-d6	6.85	99	456183	68.65	ng	0.00
23) Nitrobenzene-d5	8.82	82	231087	45.40	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	92734	82.70	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	443161	45.51	ng	0.00
78) Terphenyl-d14	19.67	244	513586	35.61	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.76	163	37505	3.09	ng	Qvalue 98

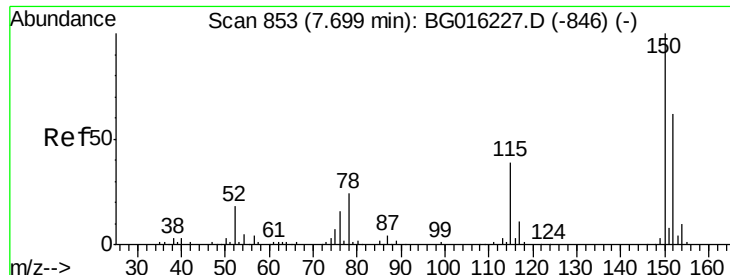
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG016470.D

Acq: 16 Apr 2015 23:44

Instrument :

BNA_G

ClientSampleId :

SB-14-COMP

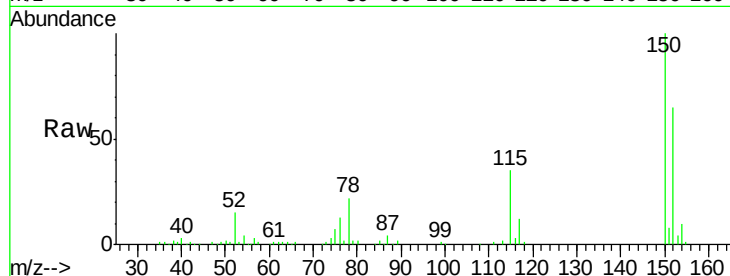
Tgt Ion:152 Resp: 69862

Ion Ratio Lower Upper

152 100

150 154.4 130.1 195.1

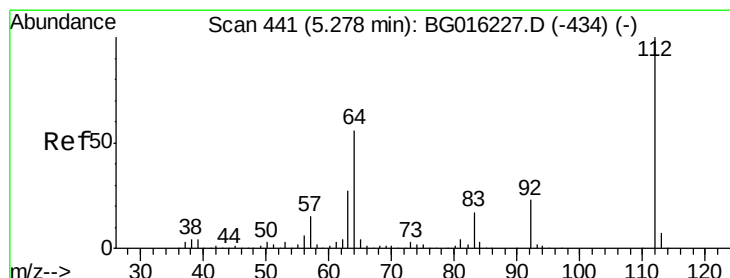
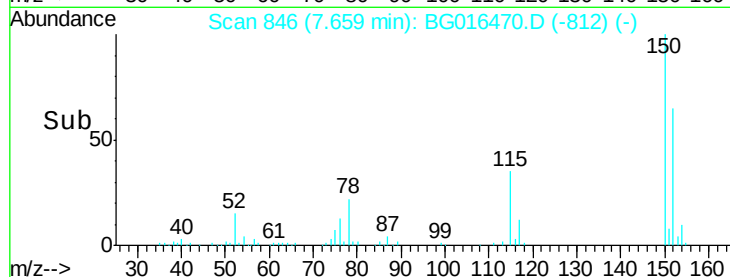
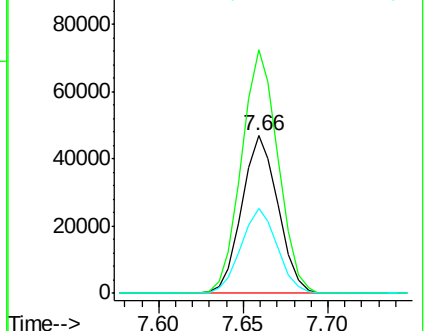
115 53.9 50.5 75.7



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: 74.25 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG016470.D

Acq: 16 Apr 2015 23:44

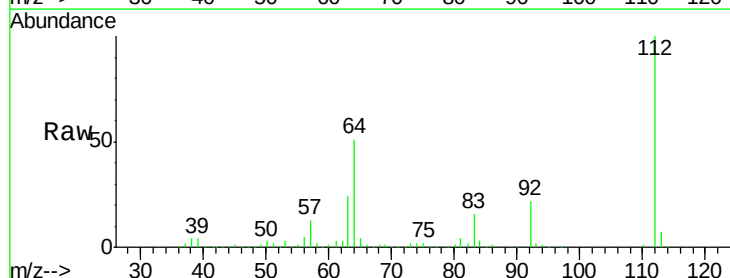
Tgt Ion:112 Resp: 328685

Ion Ratio Lower Upper

112 100

64 51.0 44.5 66.7

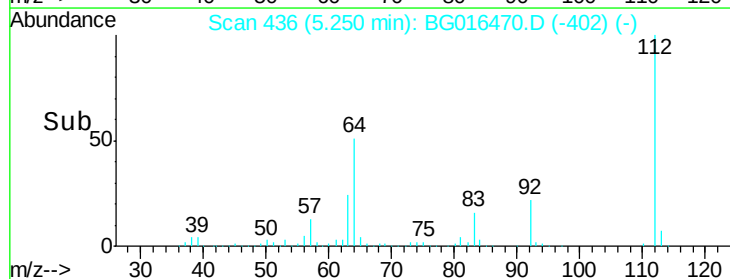
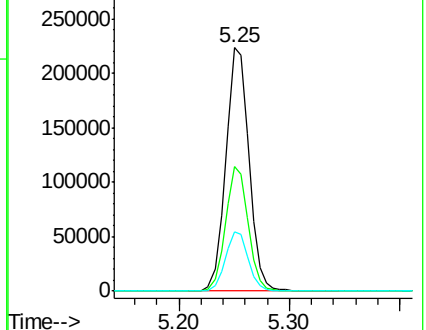
63 24.1 21.4 32.0

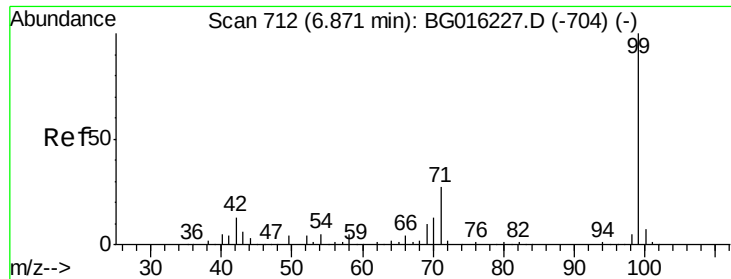


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 68.65 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG016470.D

Acq: 16 Apr 2015 23:44

Instrument :

BNA_G

ClientSampleId :

SB-14-COMP

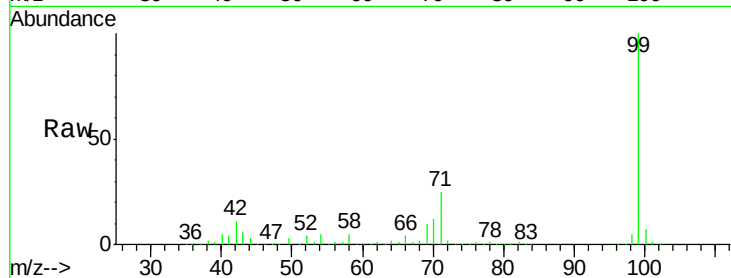
Tgt Ion: 99 Resp: 456183

Ion Ratio Lower Upper

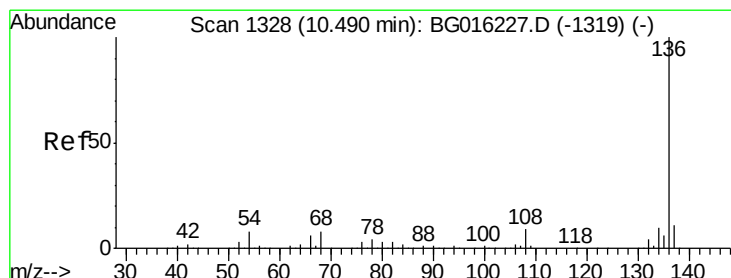
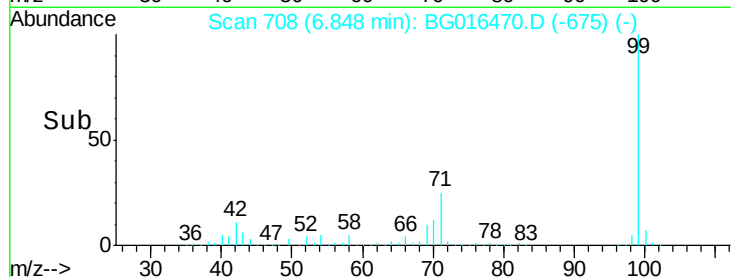
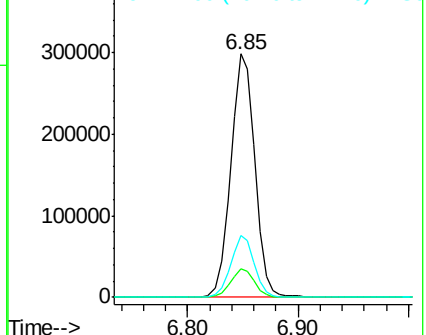
99 100

42 11.5 10.0 15.0

71 25.2 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: 10.44 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG016470.D

Acq: 16 Apr 2015 23:44

Tgt Ion: 136 Resp: 294868

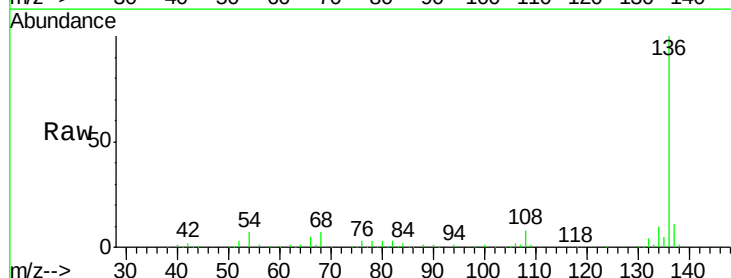
Ion Ratio Lower Upper

136 100

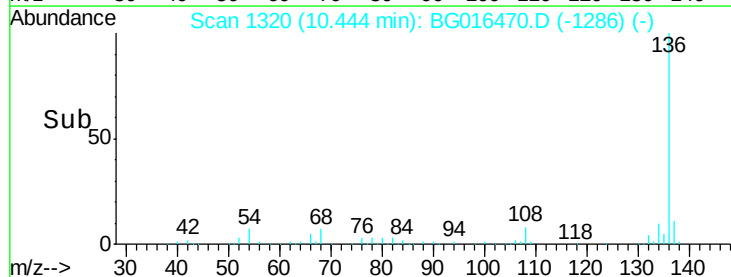
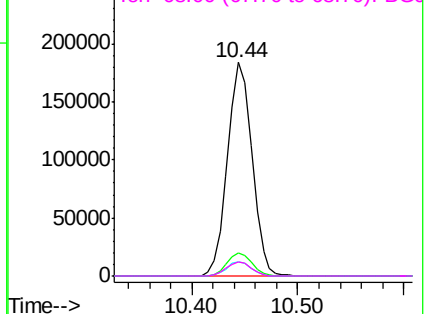
137 10.9 8.7 13.1

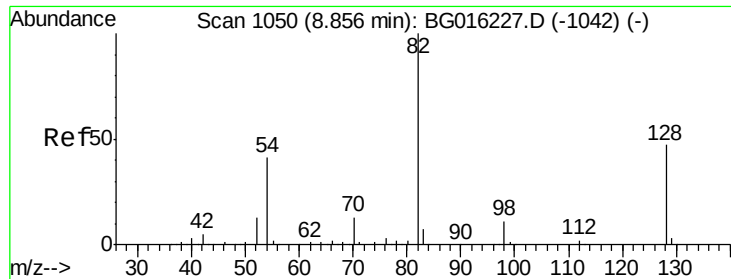
54 6.8 6.3 9.5

68 6.8 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

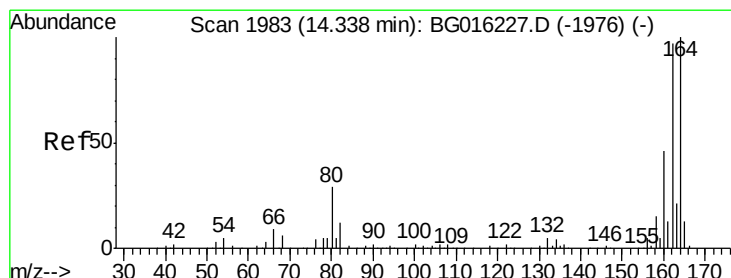
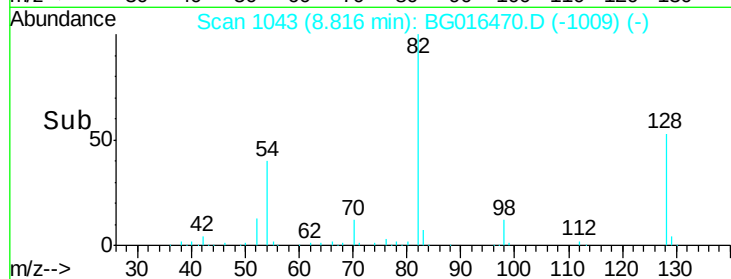
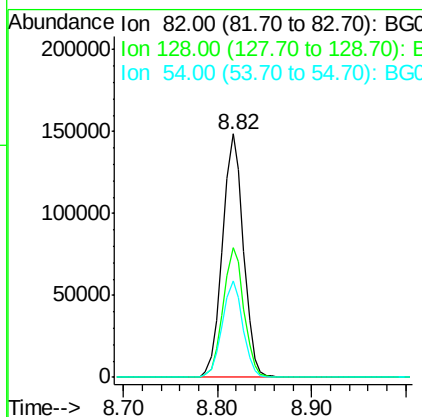
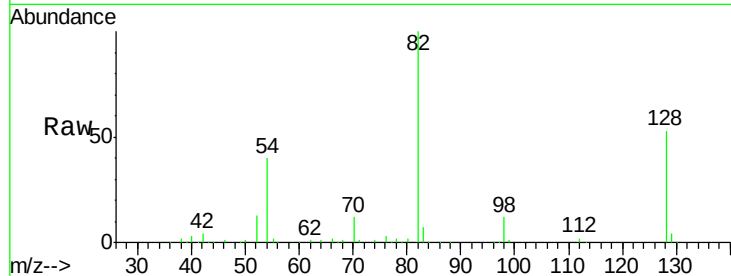




#23
 Nitrobenzene-d5
 Concen: 45.40 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG016470.D
 Acq: 16 Apr 2015 23:44

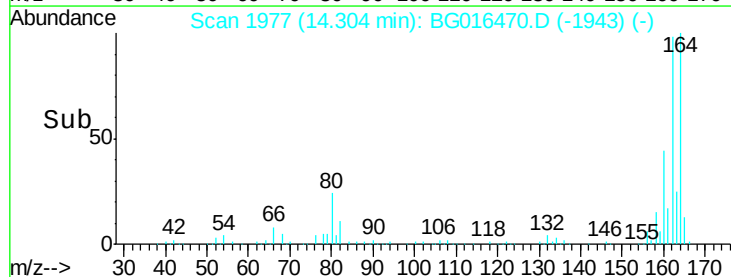
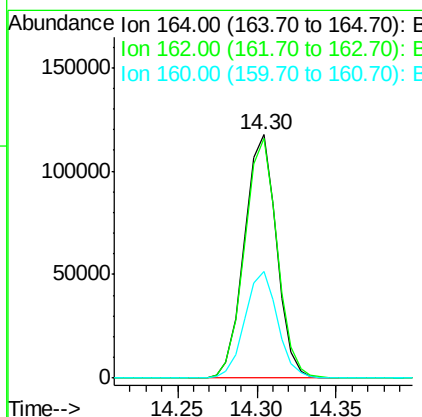
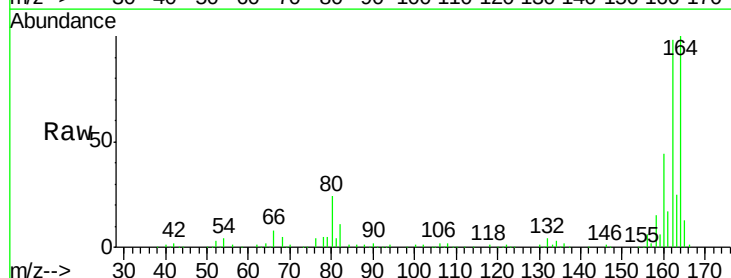
Instrument :
 BNA_G
 ClientSampleId :
 SB-14-COMP

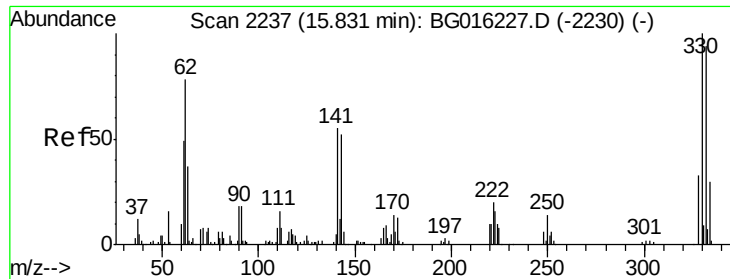
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.5	37.8	56.8
54	39.7	32.6	49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG016470.D
 Acq: 16 Apr 2015 23:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	77.3	115.9
160	43.6	36.7	55.1





#41

2,4,6-Tribromophenol

Concen: 82.70 ng

RT: 15.80 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BG016470.D

Acq: 16 Apr 2015 23:44

Instrument :

BNA_G

ClientSampleId :

SB-14-COMP

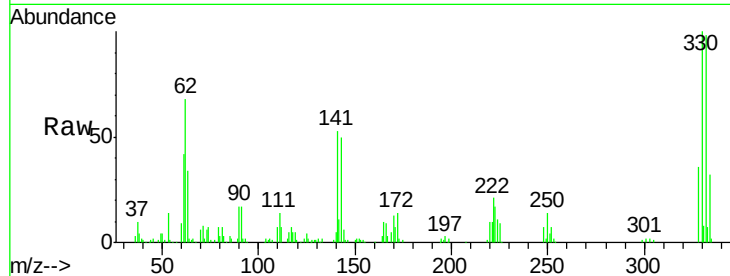
Tgt Ion:330 Resp: 92734

Ion Ratio Lower Upper

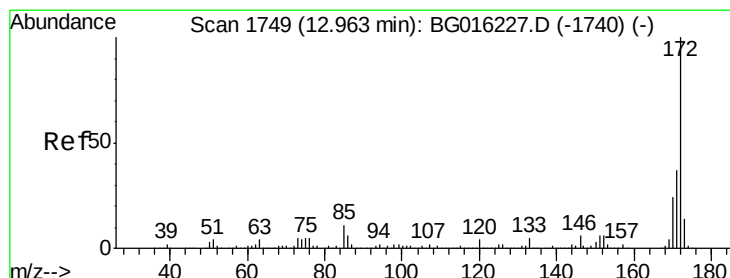
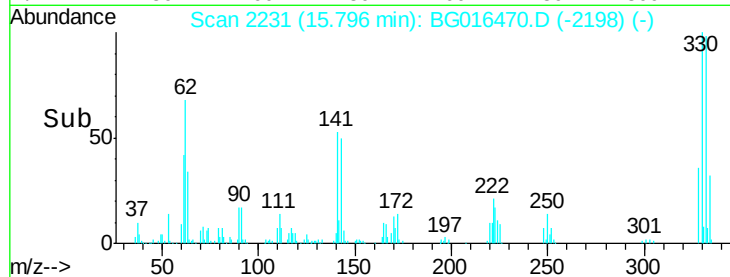
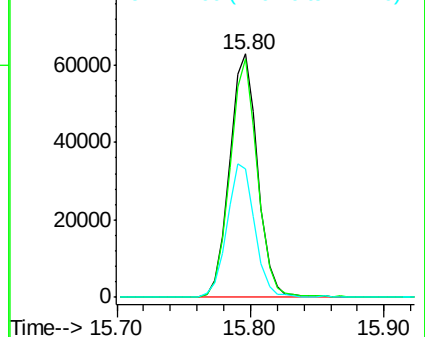
330 100

332 95.4 75.8 113.6

141 54.2 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: 45.51 ng

RT: 12.92 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BG016470.D

Acq: 16 Apr 2015 23:44

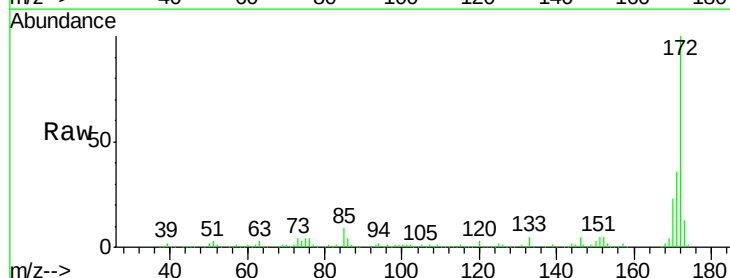
Tgt Ion:172 Resp: 443161

Ion Ratio Lower Upper

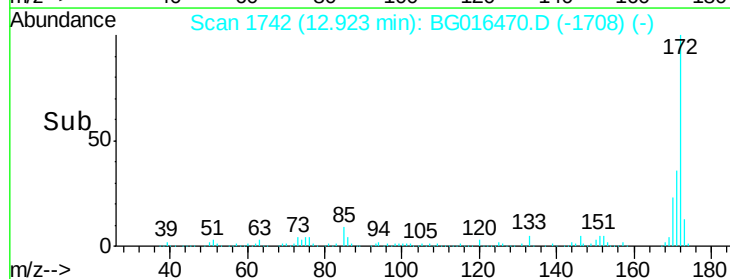
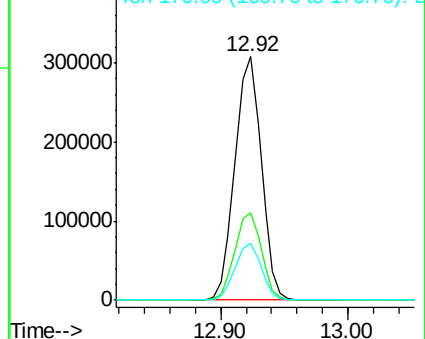
172 100

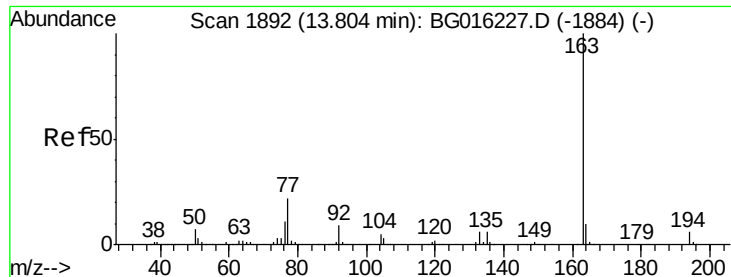
171 35.8 29.6 44.4

170 23.4 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





#49

Dimethylphthalate

Concen: 3.09 ng

RT: 13.76 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG016470.D

Acq: 16 Apr 2015 23:44

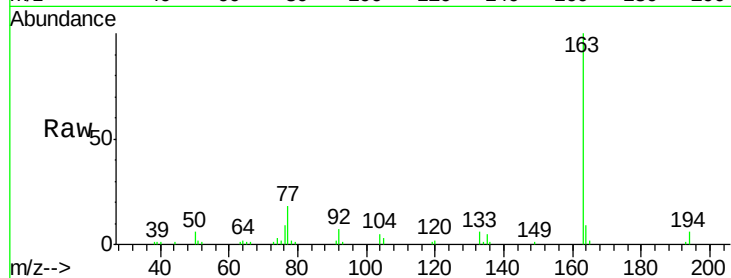
Instrument :

BNA_G

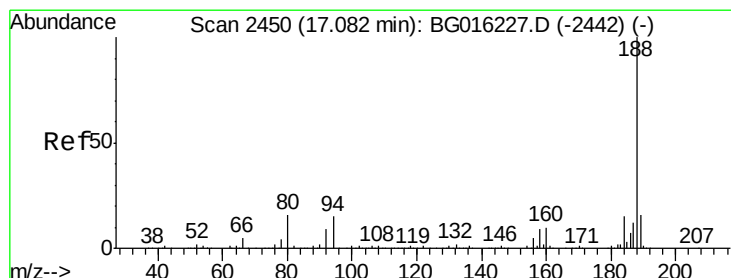
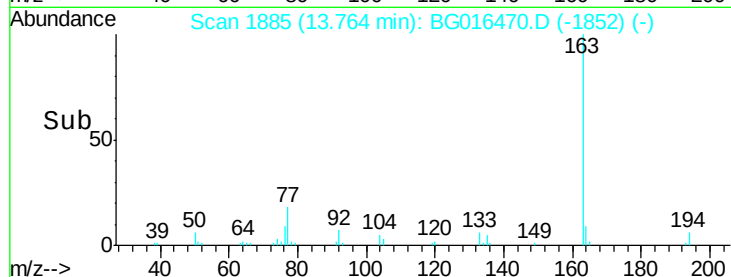
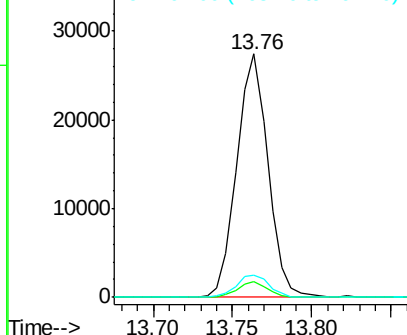
ClientSampleId :

SB-14-COMP

Tgt Ion:	163	Resp:	37505
Ion	Ratio	Lower	Upper
163	100		
194	6.2	5.0	7.4
164	9.3	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

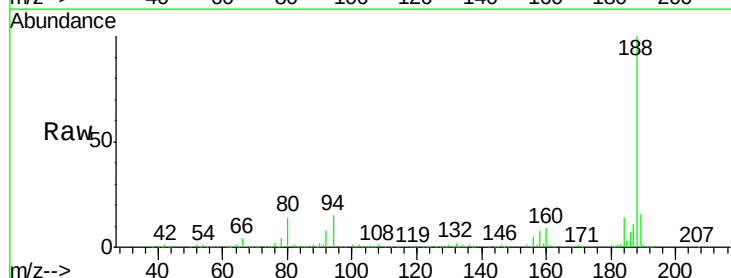
RT: 17.04 min Scan# 2443

Delta R.T. -0.01 min

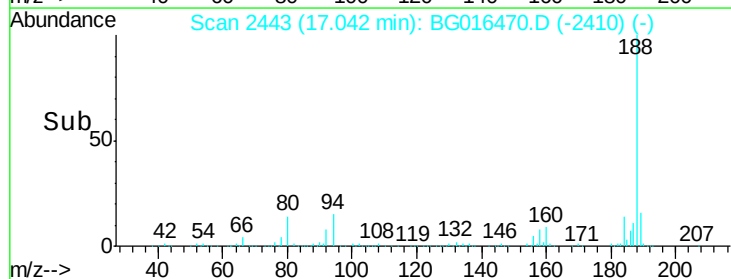
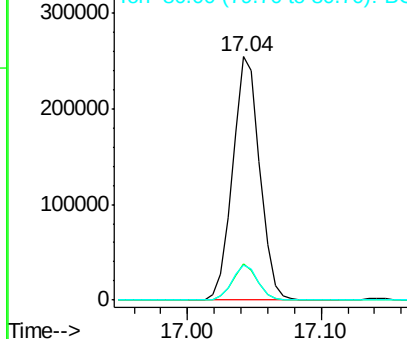
Lab File: BG016470.D

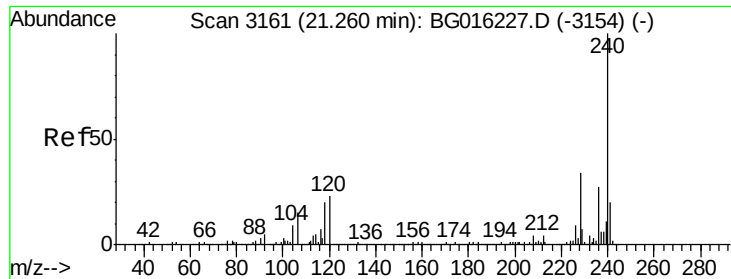
Acq: 16 Apr 2015 23:44

Tgt Ion:	188	Resp:	358465
Ion	Ratio	Lower	Upper
188	100		
94	14.7	12.2	18.4
80	14.2	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. -0.01 min

Lab File: BG016470.D

Acq: 16 Apr 2015 23:44

Instrument :

BNA_G

ClientSampleId :

SB-14-COMP

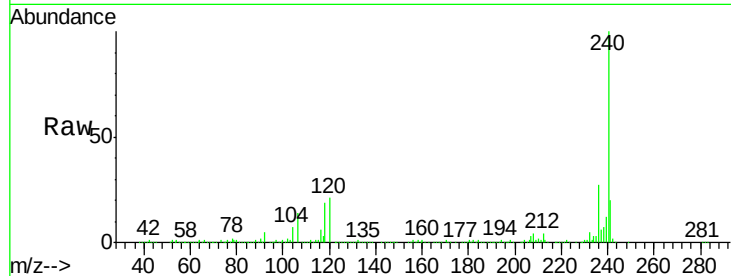
Tgt Ion:240 Resp: 337549

Ion Ratio Lower Upper

240 100

120 20.7 18.6 28.0

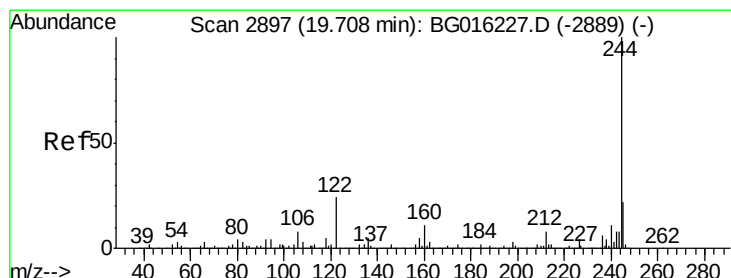
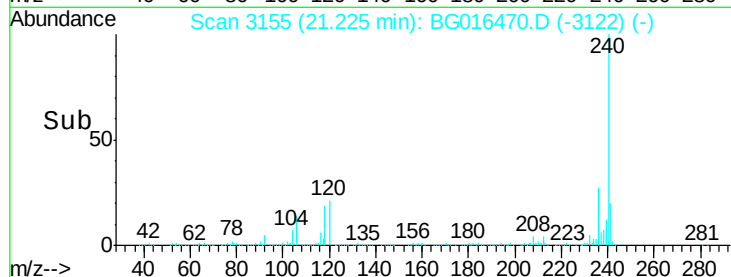
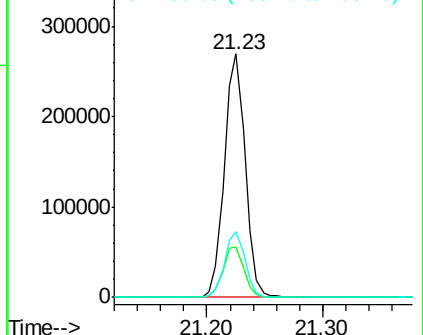
236 26.8 21.7 32.5



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: 35.61 ng

RT: 19.67 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BG016470.D

Acq: 16 Apr 2015 23:44

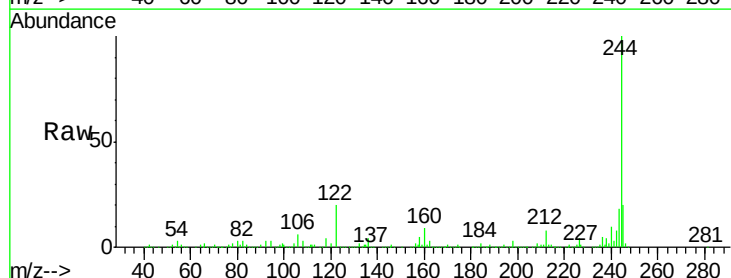
Tgt Ion:244 Resp: 513586

Ion Ratio Lower Upper

244 100

212 7.5 6.6 9.8

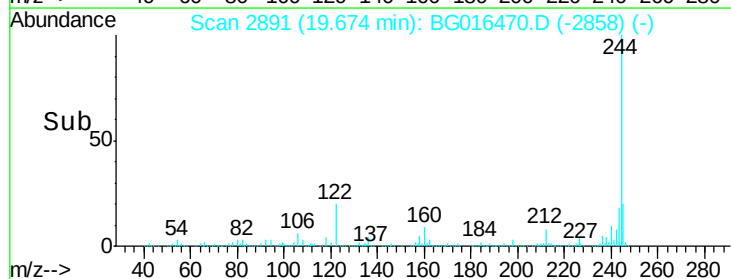
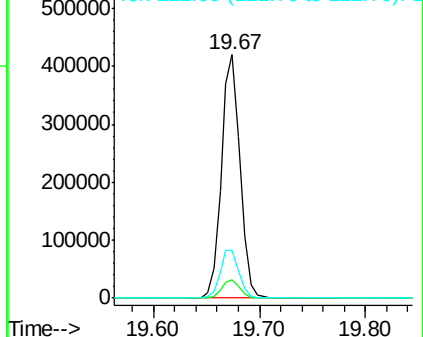
122 19.7 19.1 28.7

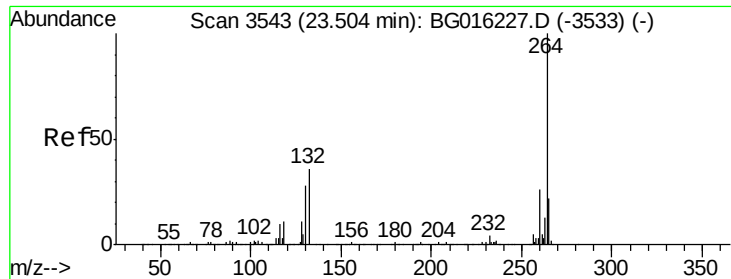


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

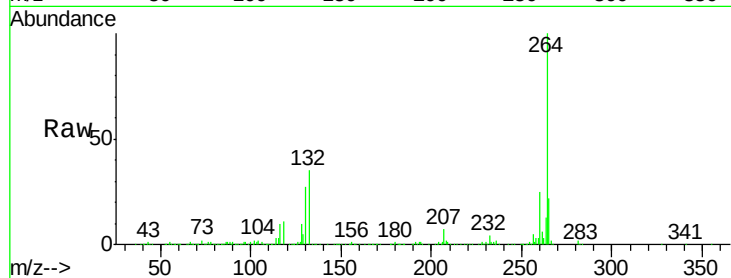




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG016470.D
Acq: 16 Apr 2015 23:44

Instrument :
BNA_G
ClientSampleId :
SB-14-COMP

Tgt Ion: 264 Resp: 320904
Ion Ratio Lower Upper
264 100
260 24.6 20.4 30.6
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

