

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016445.D
 Acq On : 16 Apr 2015 6:01
 Operator : TP/IZ
 Sample : G1829-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB

Quant Time: Apr 16 07:30:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 04:13:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	81292	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	363383	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	213790	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	468450	20.00	ng	0.00
75) Chrysene-d12	21.23	240	403902	20.00	ng	0.00
86) Perylene-d12	23.46	264	375839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	296651	57.59	ng	0.00
7) Phenol-d6	6.85	99	255774	33.08	ng	0.00
23) Nitrobenzene-d5	8.82	82	537110	85.62	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	233245	161.32	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1148658	91.48	ng	0.00
78) Terphenyl-d14	19.68	244	1343604	77.86	ng	0.00

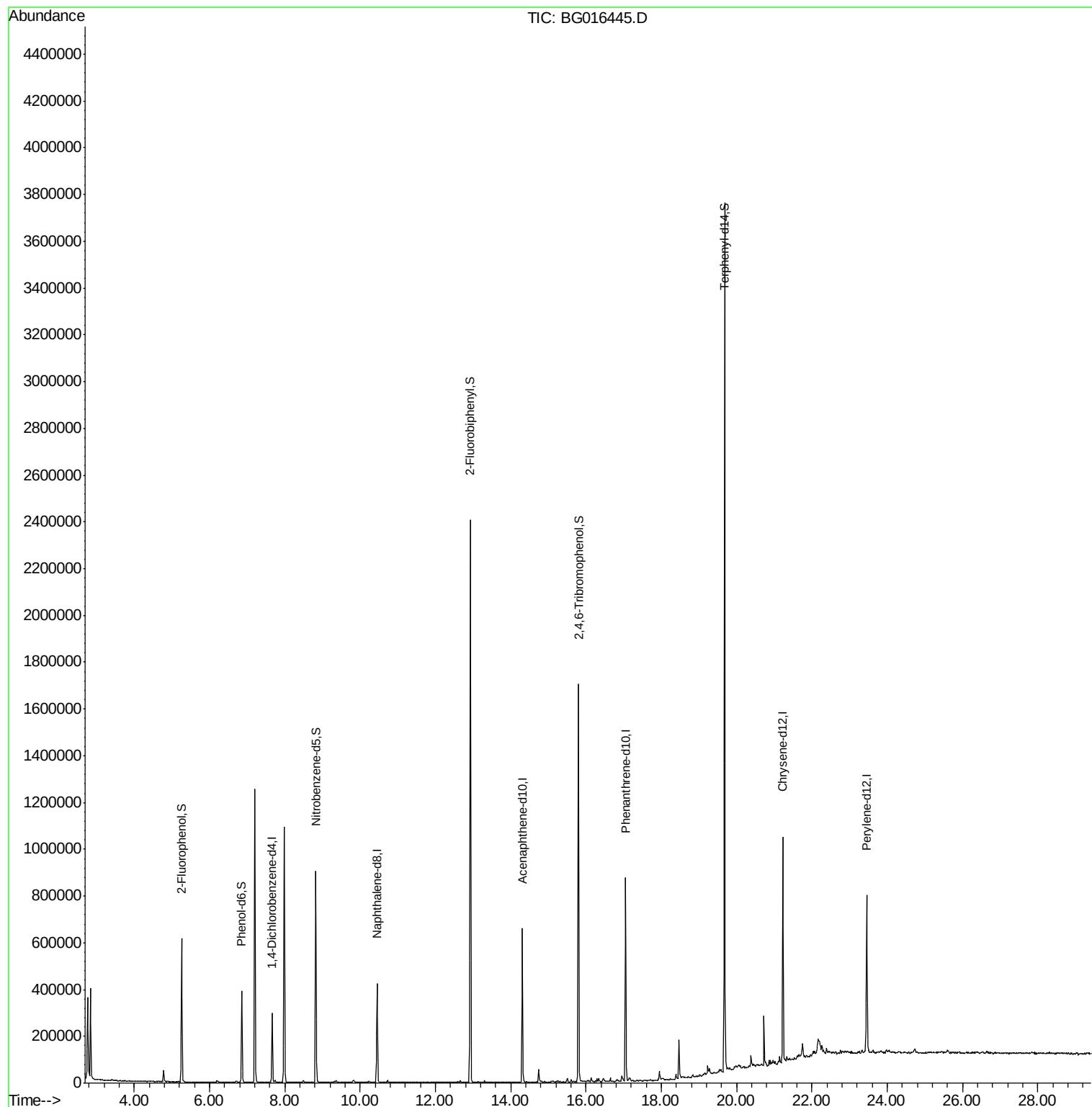
Target Compounds	Qvalue
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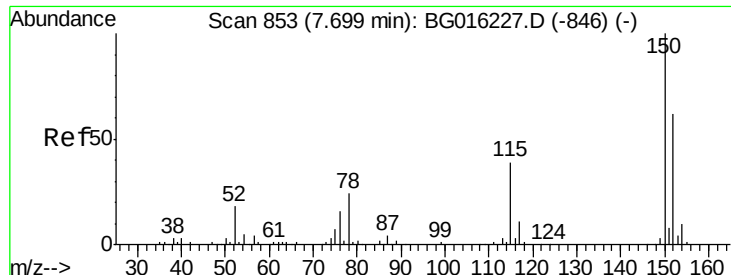
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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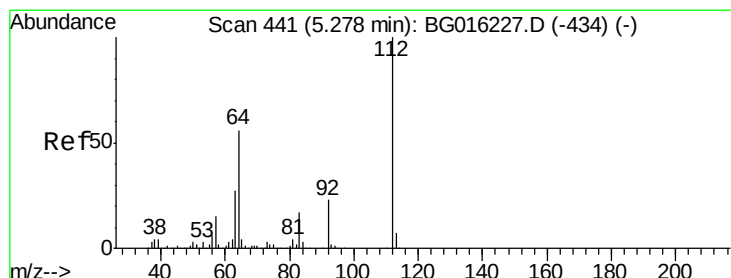
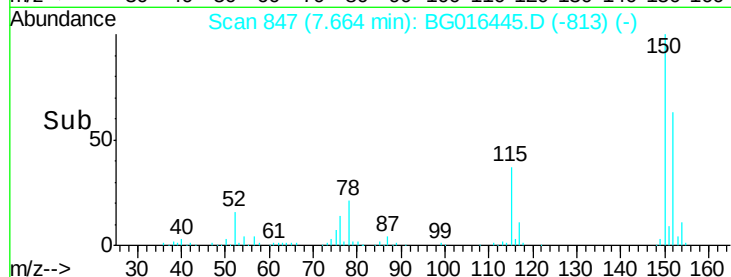
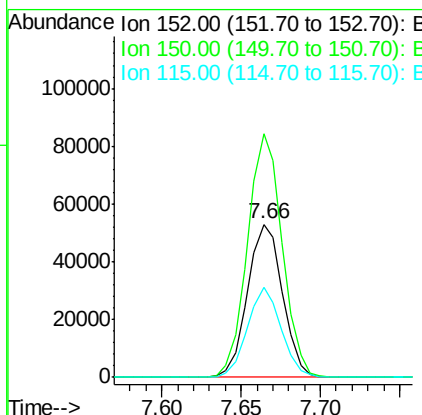
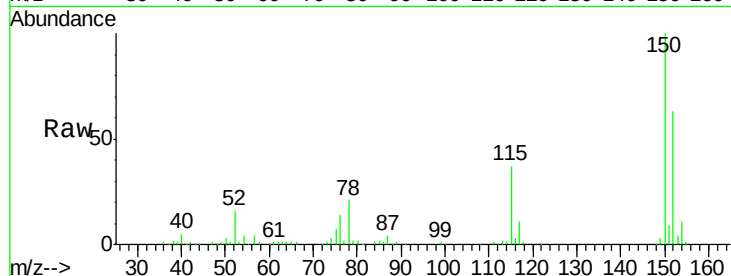


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG016445.D
 Acq: 16 Apr 2015 6:01

Instrument :
 BNA_G
 ClientSampled :
 FB

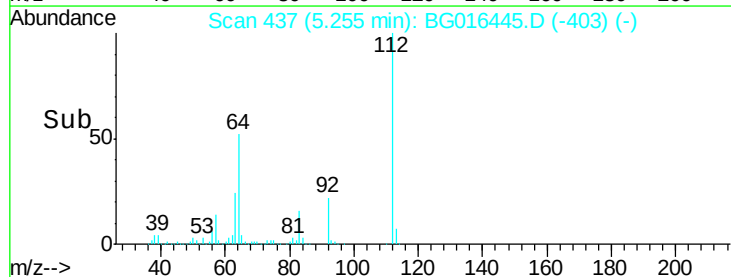
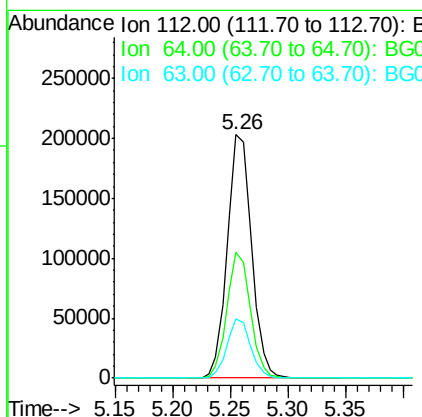
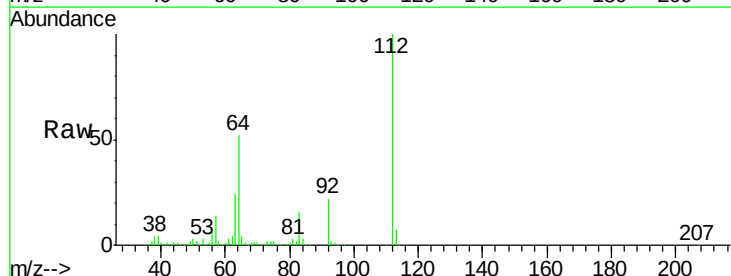
Tgt Ion:152 Resp: 81292
 Ion Ratio Lower Upper
 152 100
 150 158.9 130.1 195.1
 115 58.6 50.5 75.7

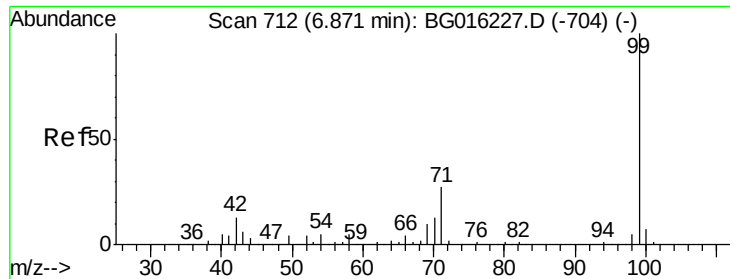


#5

2-Fluorophenol
 Concen: 57.59 ng
 RT: 5.26 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BG016445.D
 Acq: 16 Apr 2015 6:01

Tgt Ion:112 Resp: 296651
 Ion Ratio Lower Upper
 112 100
 64 51.8 44.5 66.7
 63 24.2 21.4 32.0





#7

Phenol-d6

Concen: 33.08 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016445.D

Acq: 16 Apr 2015 6:01

Instrument :

BNA_G

ClientSampled :

FB

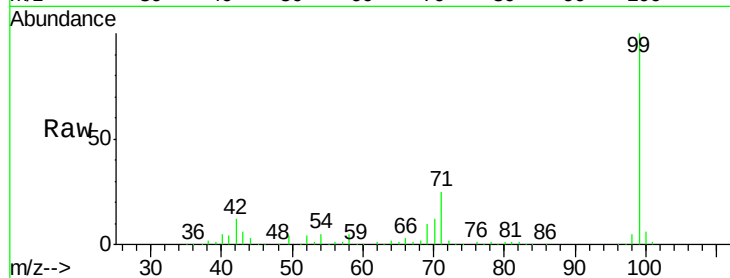
Tgt Ion: 99 Resp: 255774

Ion Ratio Lower Upper

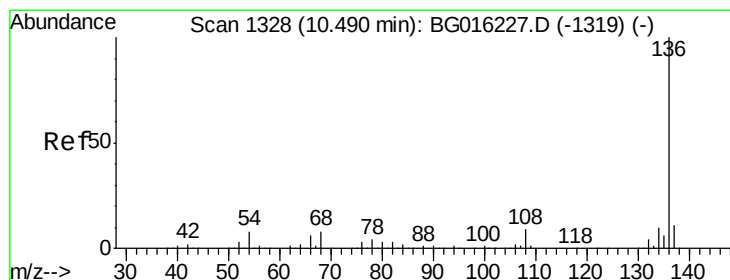
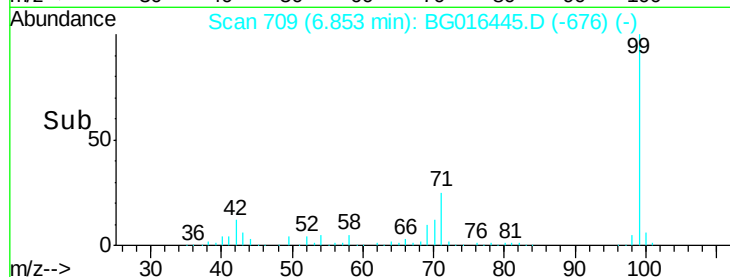
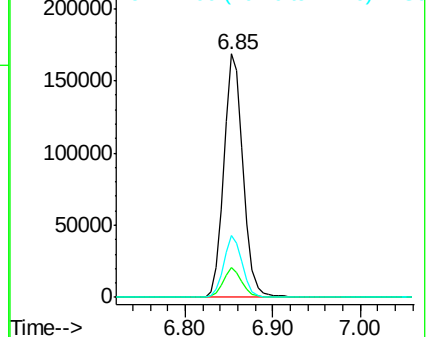
99 100

42 12.1 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: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG016445.D

Acq: 16 Apr 2015 6:01

Tgt Ion: 136 Resp: 363383

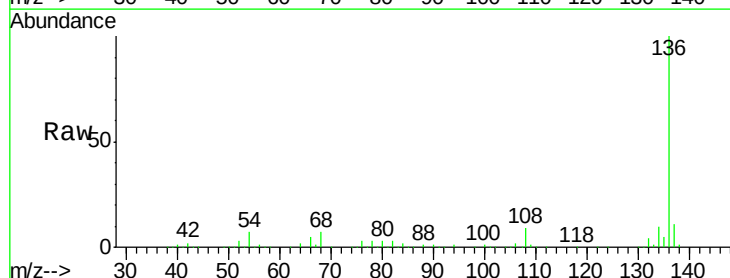
Ion Ratio Lower Upper

136 100

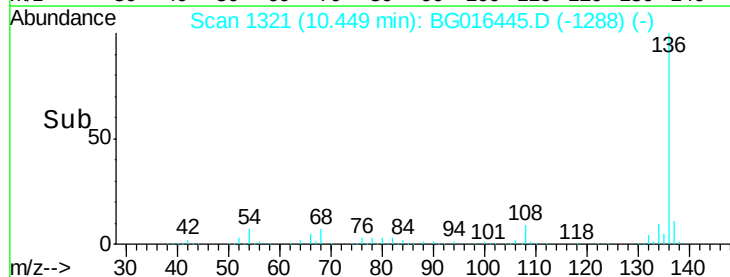
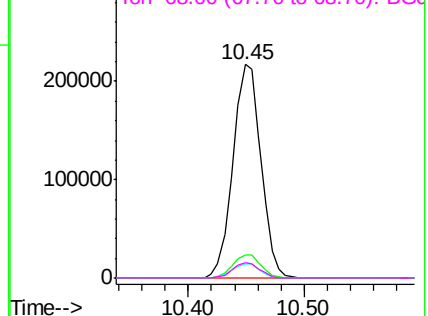
137 10.7 8.7 13.1

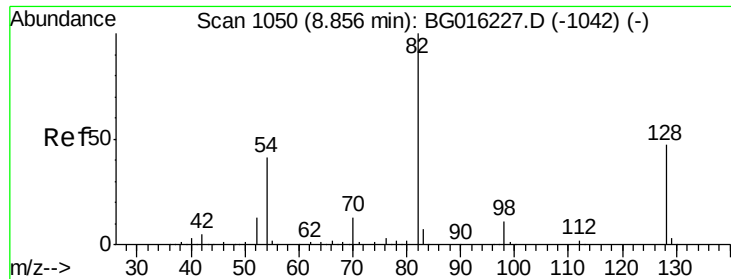
54 6.9 6.3 9.5

68 7.1 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

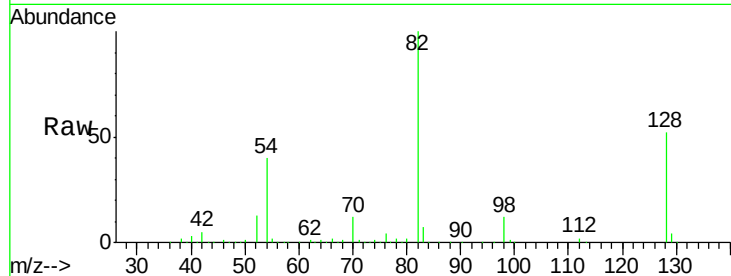




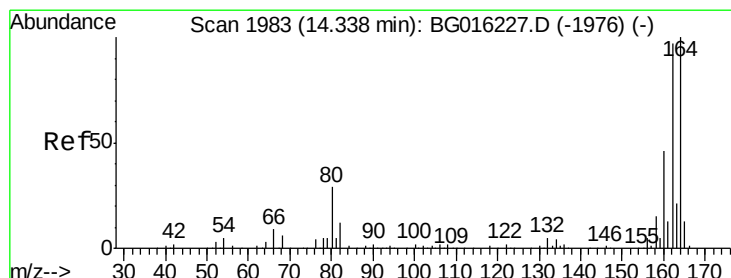
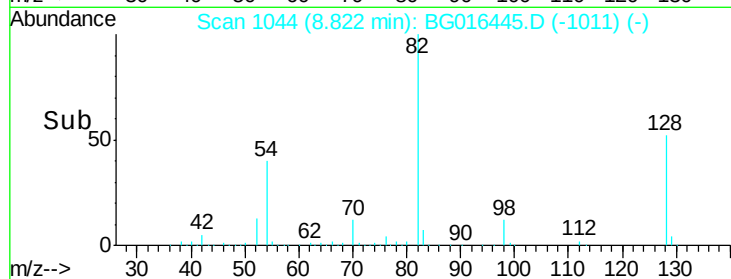
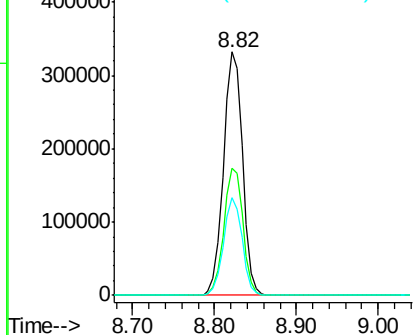
#23
 Nitrobenzene-d5
 Concen: 85.62 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG016445.D
 Acq: 16 Apr 2015 6:01

Instrument :
 BNA_G
 ClientSampled :
 FB

Tgt Ion: 82 Resp: 537110
 Ion Ratio Lower Upper
 82 100
 128 52.2 37.8 56.8
 54 40.2 32.6 49.0

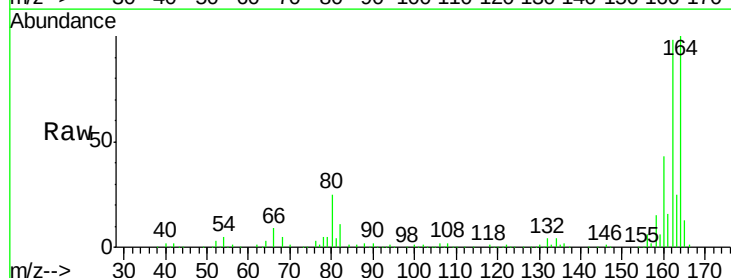


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

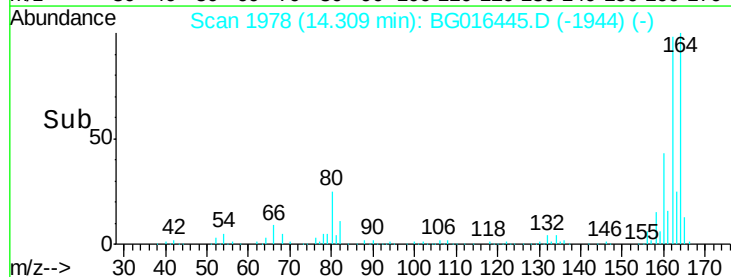
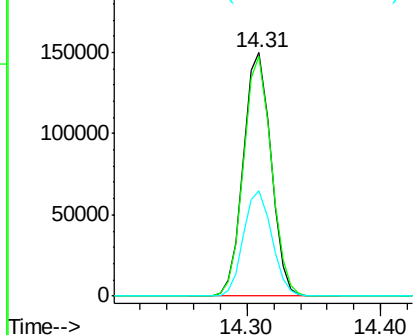


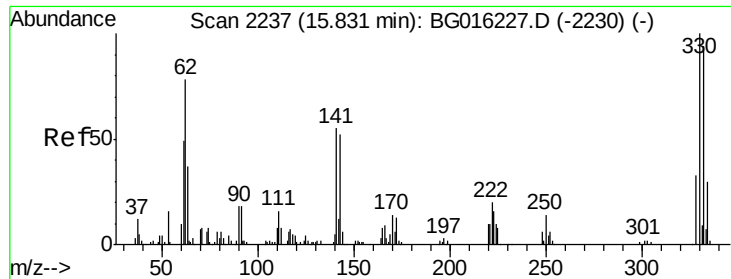
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.00 min
 Lab File: BG016445.D
 Acq: 16 Apr 2015 6:01

Tgt Ion: 164 Resp: 213790
 Ion Ratio Lower Upper
 164 100
 162 98.3 77.3 115.9
 160 43.1 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: 161.32 ng

RT: 15.80 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG016445.D

Acq: 16 Apr 2015 6:01

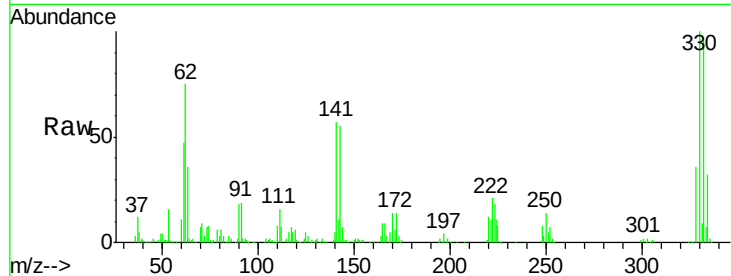
Instrument :

BNA_G

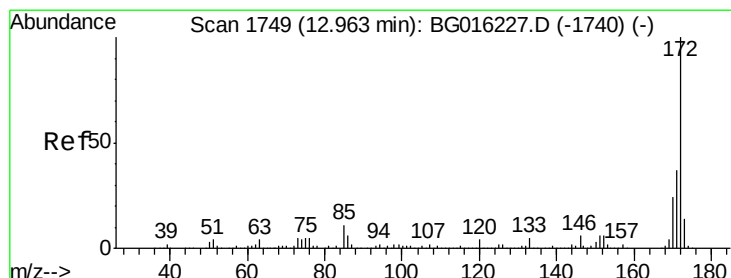
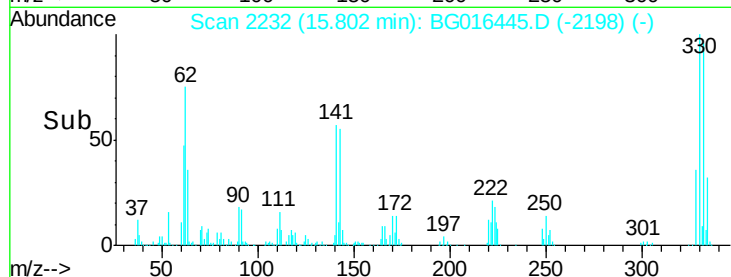
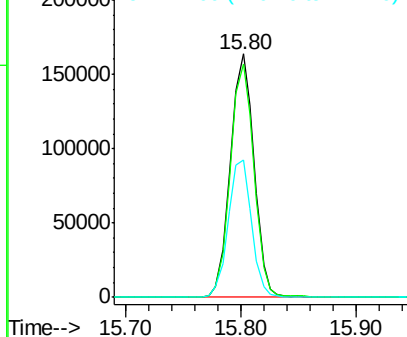
ClientSampleId :

FB

Tgt Ion:	330	Resp:	233245
Ion Ratio	Lower	Upper	
330	100		
332	95.8	75.8	113.6
141	55.7	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: 91.48 ng

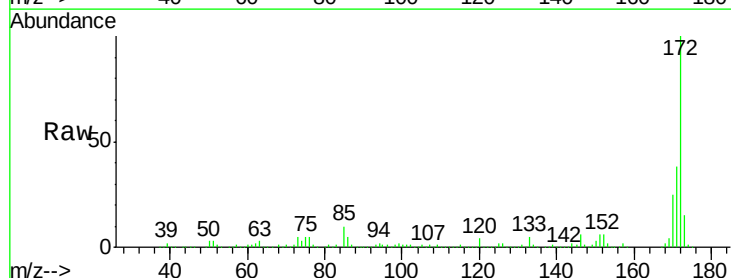
RT: 12.93 min Scan# 1743

Delta R.T. -0.00 min

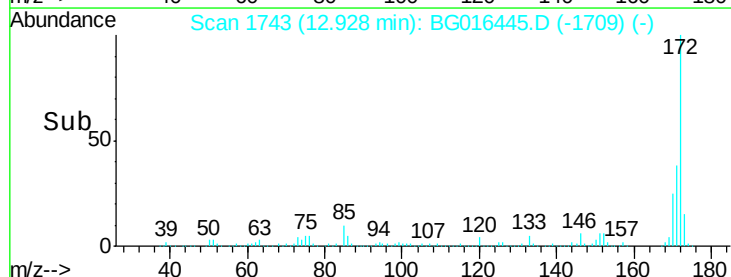
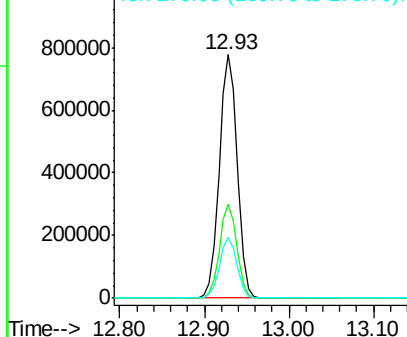
Lab File: BG016445.D

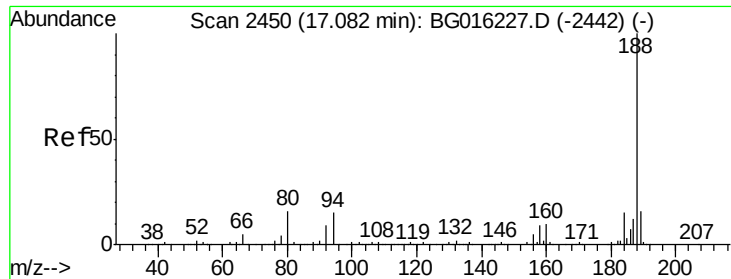
Acq: 16 Apr 2015 6:01

Tgt Ion:	172	Resp:	1148658
Ion Ratio	Lower	Upper	
172	100		
171	38.4	29.6	44.4
170	25.1	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

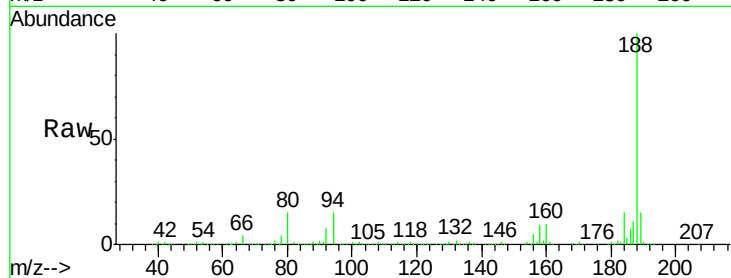




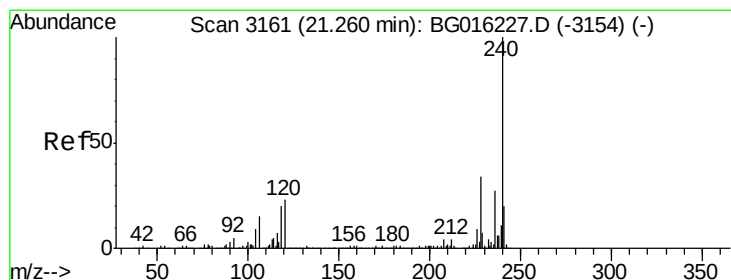
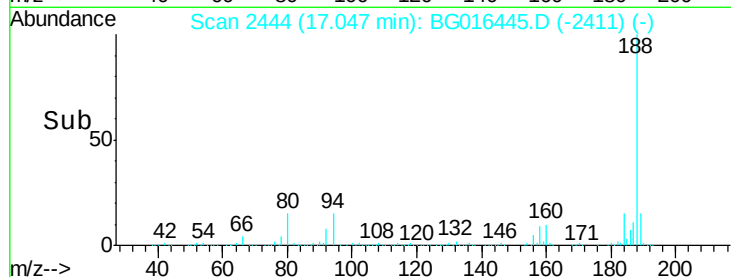
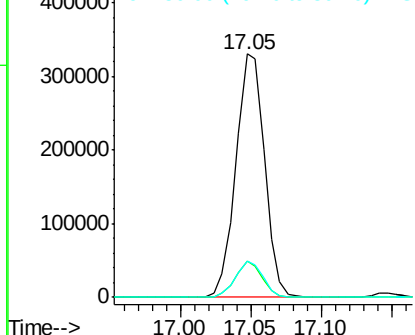
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG016445.D
Acq: 16 Apr 2015 6:01

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion:188 Resp: 468450
Ion Ratio Lower Upper
188 100
94 14.7 12.2 18.4
80 15.0 12.8 19.2

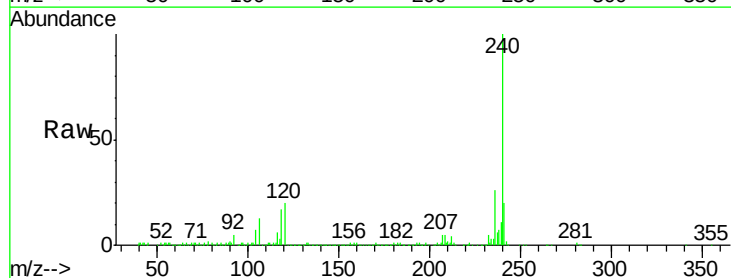


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

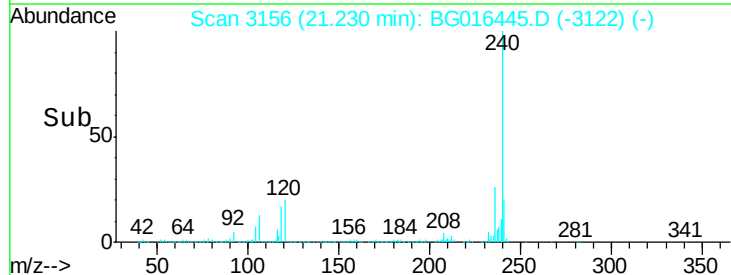
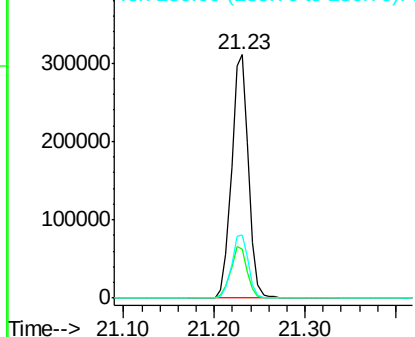


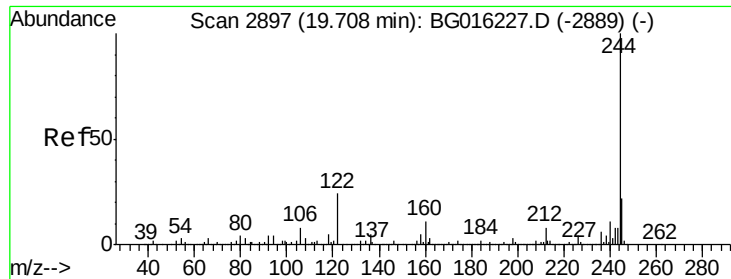
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG016445.D
Acq: 16 Apr 2015 6:01

Tgt Ion:240 Resp: 403902
Ion Ratio Lower Upper
240 100
120 20.2 18.6 28.0
236 26.2 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: 77.86 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG016445.D

Acq: 16 Apr 2015 6:01

Instrument :

BNA_G

ClientSampled :

FB

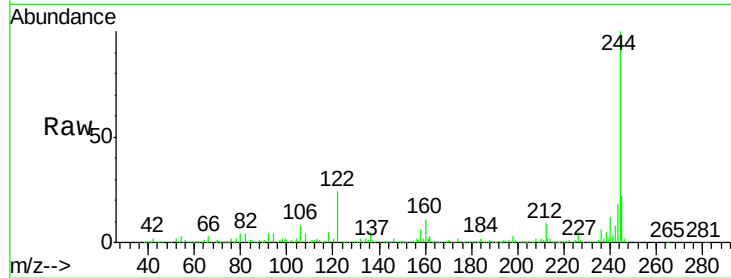
Tgt Ion:244 Resp: 1343604

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

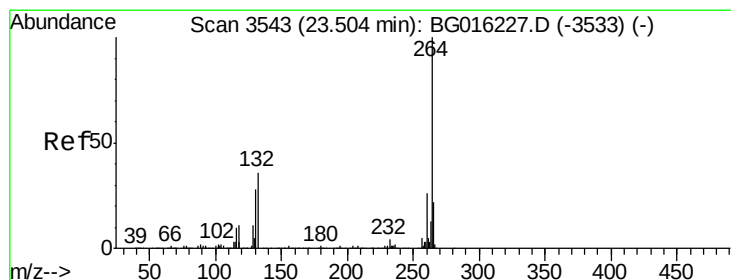
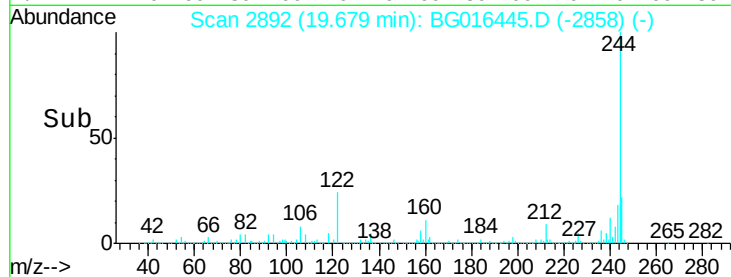
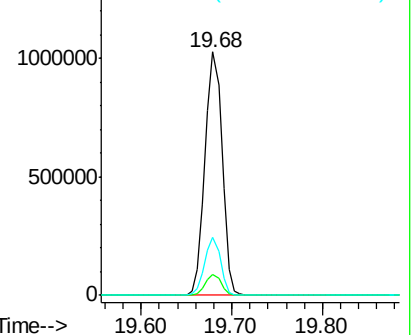
122 23.9 19.1 28.7



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# 3535

Delta R.T. -0.01 min

Lab File: BG016445.D

Acq: 16 Apr 2015 6:01

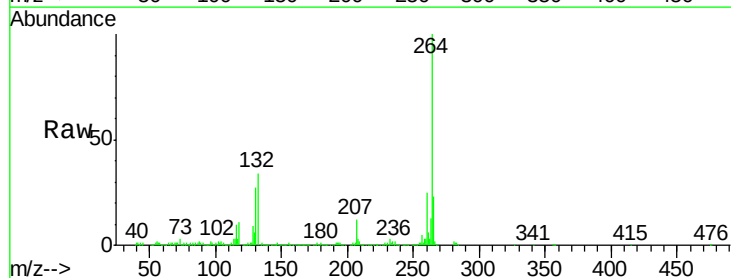
Tgt Ion:264 Resp: 375839

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 22.8 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

