

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016429.D
 Acq On : 15 Apr 2015 18:44
 Operator : TP/IZ
 Sample : PB82798BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82798BL

Quant Time: Apr 16 03:22:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

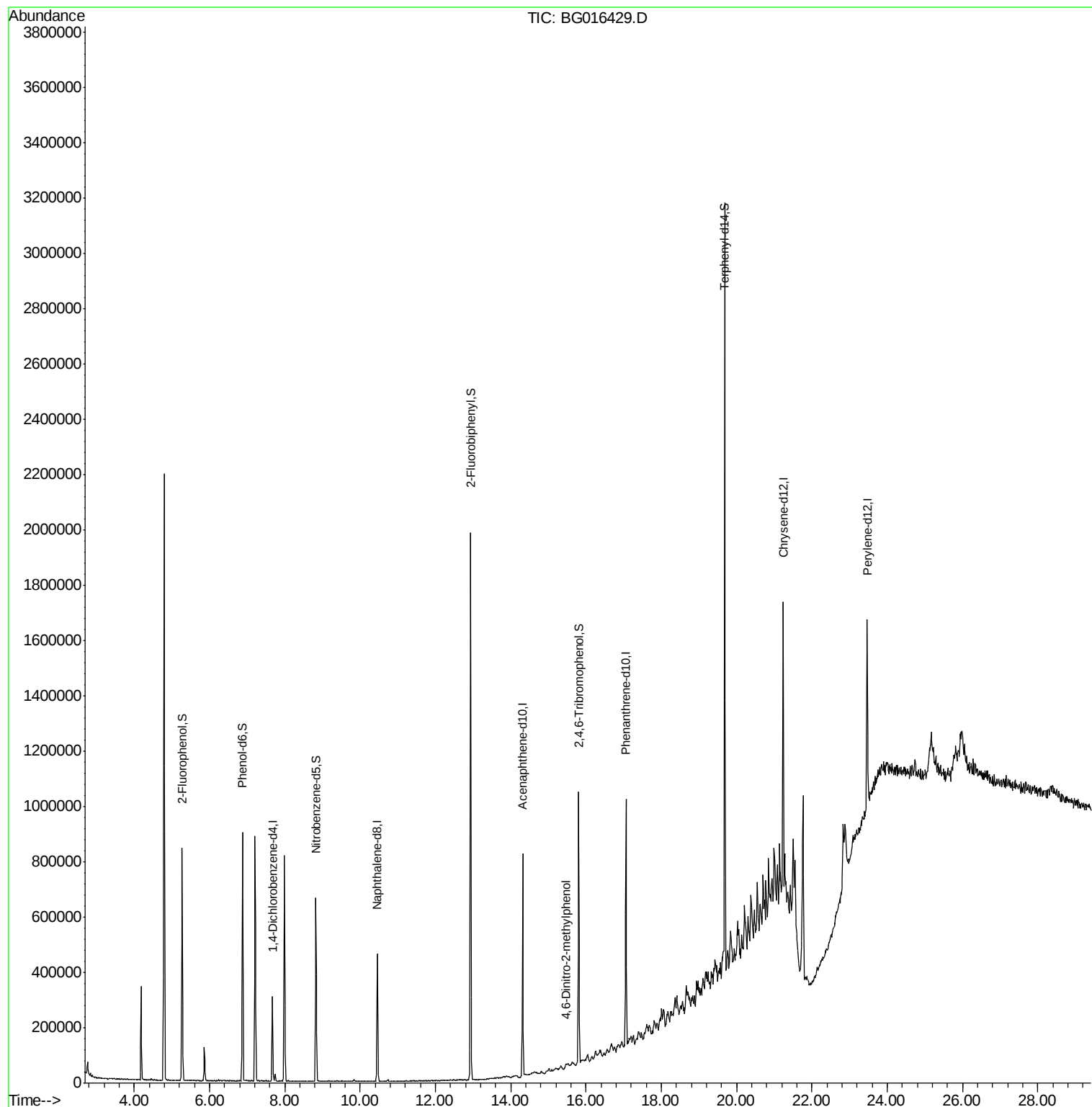
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	85013	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	396811	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	253620	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	487046	20.00	ng	0.00
75) Chrysene-d12	21.24	240	405150	20.00	ng	0.00
86) Perylene-d12	23.47	264	386501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	406615	75.49	ng	0.00
7) Phenol-d6	6.88	99	589073	72.85	ng	0.01
23) Nitrobenzene-d5	8.83	82	384297	56.10	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	136279	79.45	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	935410	62.80	ng	0.00
78) Terphenyl-d14	19.69	244	1014035	58.58	ng	0.00
Target Compounds						
64) 4,6-Dinitro-2-methylphenol	15.48	198	62	3.90	ng	Qvalue # 21

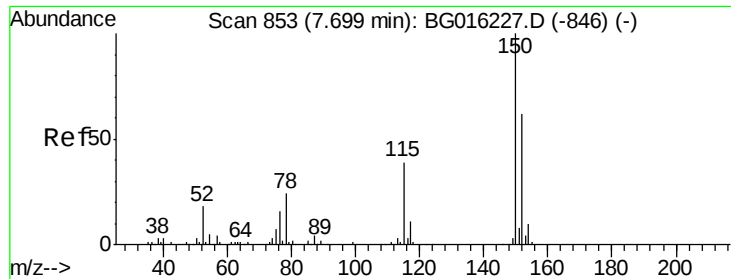
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.67 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG016429.D

Acq: 15 Apr 2015 18:44

Instrument :

BNA_G

ClientSampleId :

PB82798BL

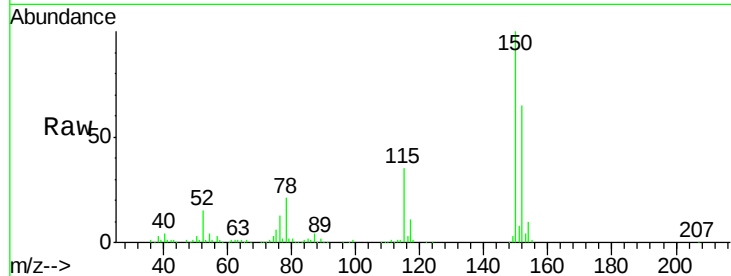
Tgt Ion:152 Resp: 85013

Ion Ratio Lower Upper

152 100

150 154.3 130.1 195.1

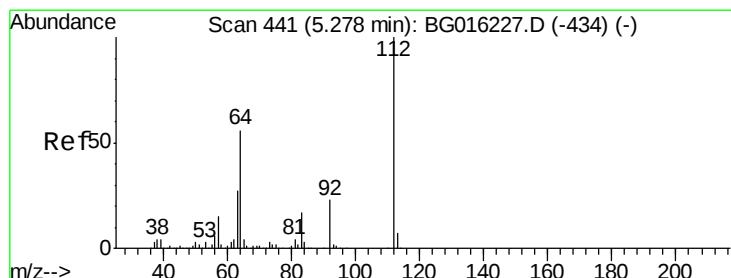
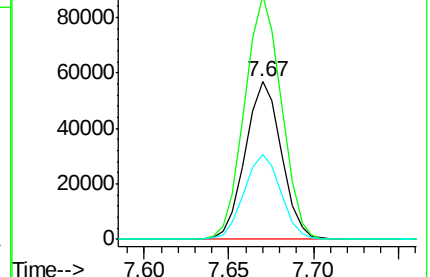
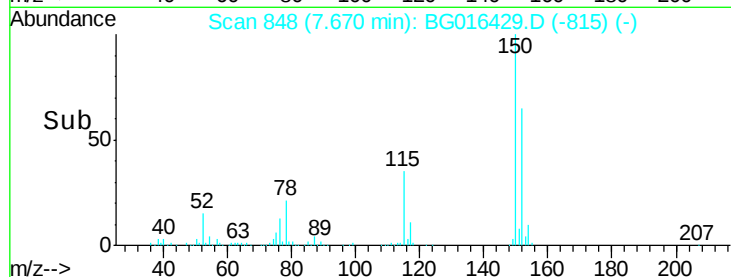
115 53.5 50.5 75.7



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: 75.49 ng

RT: 5.27 min Scan# 440

Delta R.T. 0.01 min

Lab File: BG016429.D

Acq: 15 Apr 2015 18:44

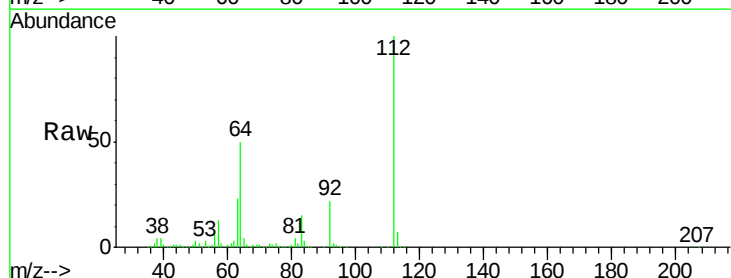
Tgt Ion:112 Resp: 406615

Ion Ratio Lower Upper

112 100

64 50.0 44.5 66.7

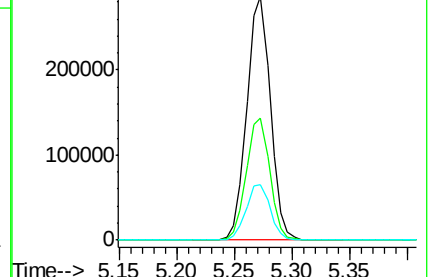
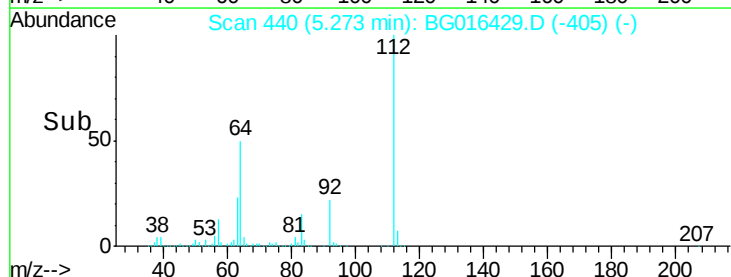
63 22.9 21.4 32.0

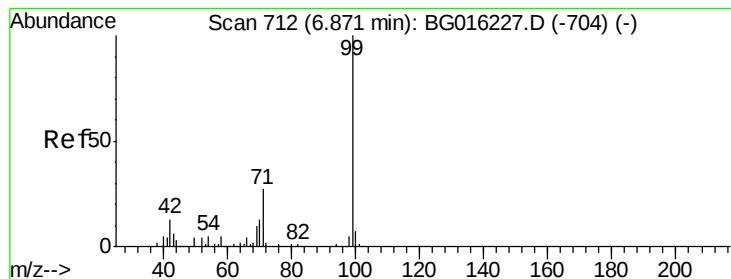


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 72.85 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016429.D

Acq: 15 Apr 2015 18:44

Instrument :

BNA_G

ClientSampleId :

PB82798BL

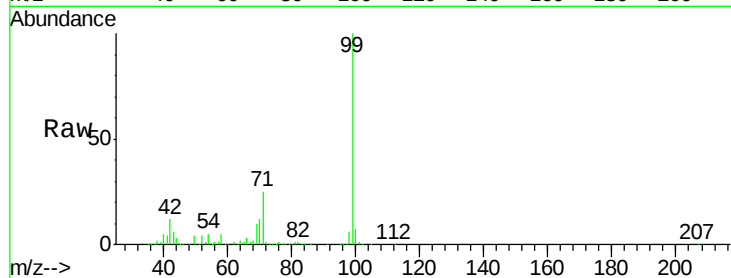
Tgt Ion: 99 Resp: 589073

Ion Ratio Lower Upper

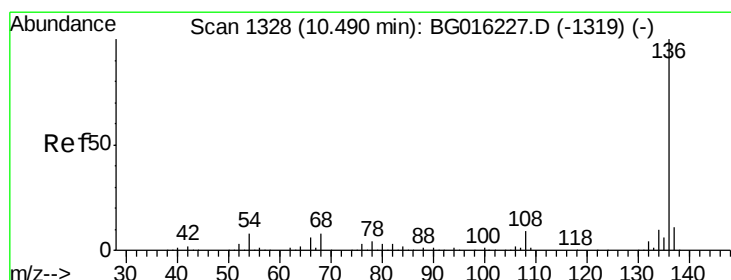
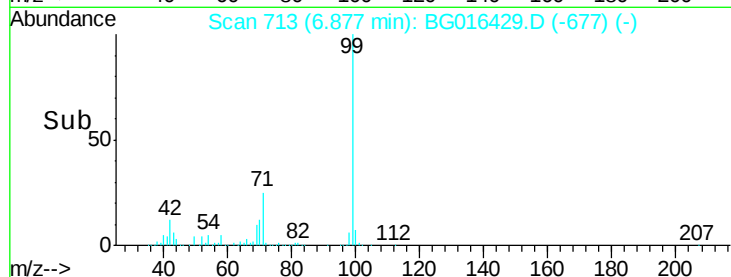
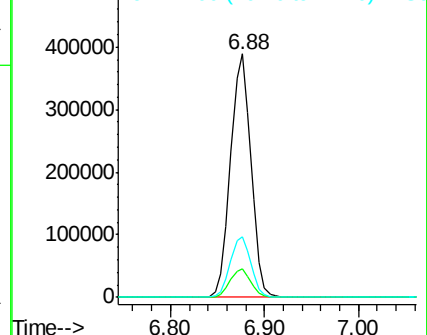
99 100

42 11.8 10.0 15.0

71 25.1 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: 10.46 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG016429.D

Acq: 15 Apr 2015 18:44

Tgt Ion: 136 Resp: 396811

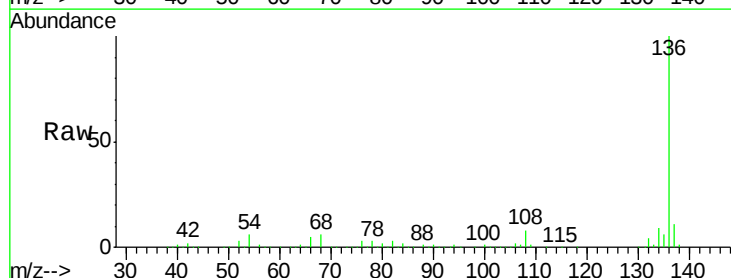
Ion Ratio Lower Upper

136 100

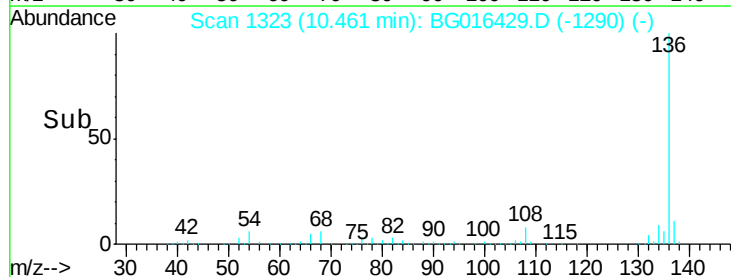
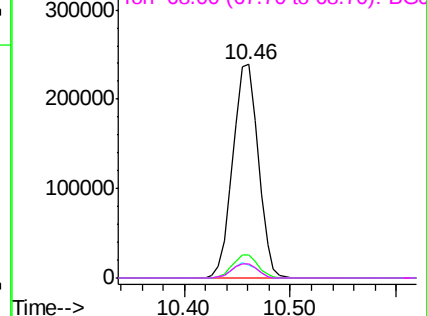
137 10.6 8.7 13.1

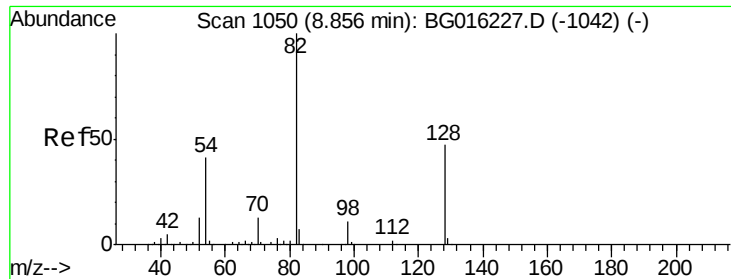
54 6.3 6.3 9.5#

68 6.5 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

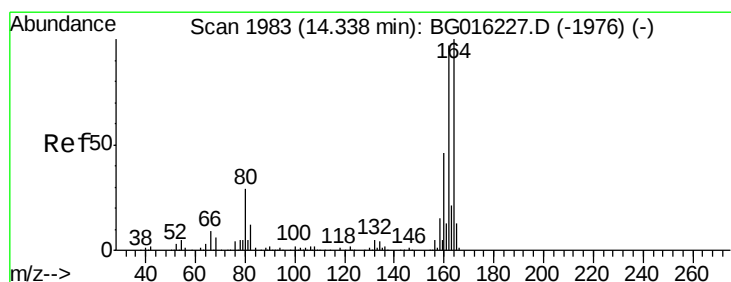
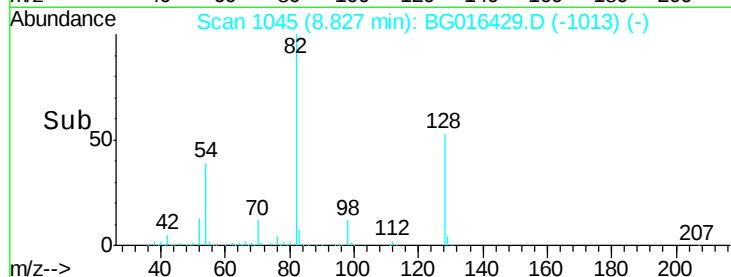
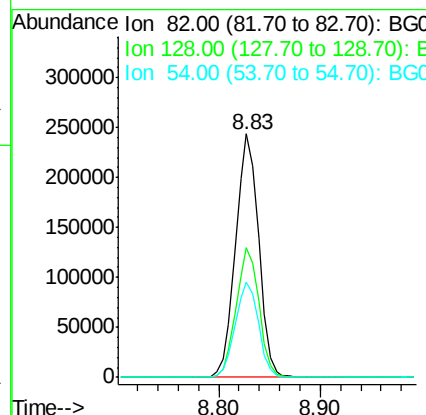
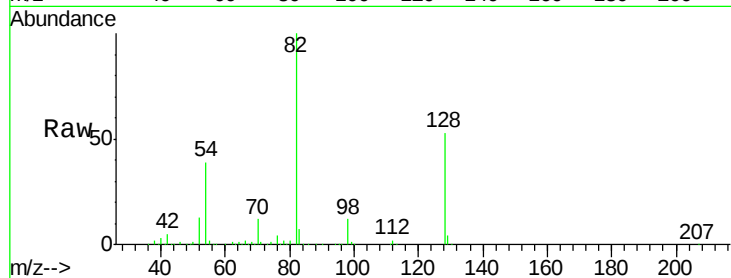




#23
 Nitrobenzene-d5
 Concen: 56.10 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG016429.D
 Acq: 15 Apr 2015 18:44

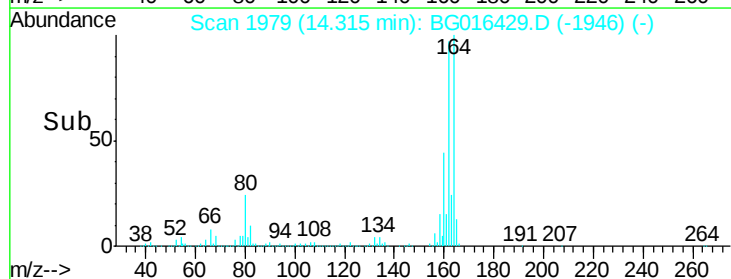
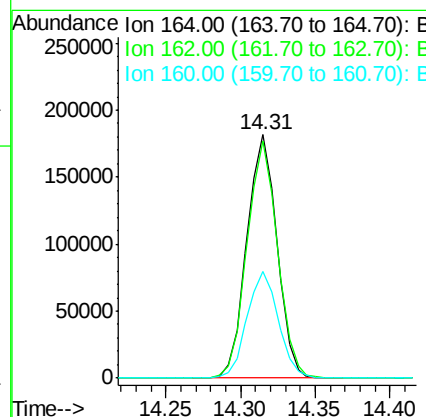
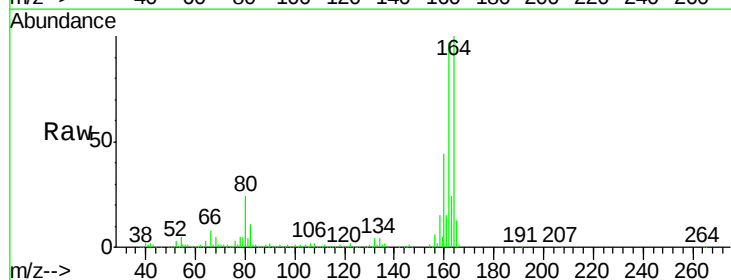
Instrument :
 BNA_G
 ClientSampleId :
 PB82798BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.2	37.8	56.8
54	39.2	32.6	49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG016429.D
 Acq: 15 Apr 2015 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	77.3	115.9
160	43.9	36.7	55.1

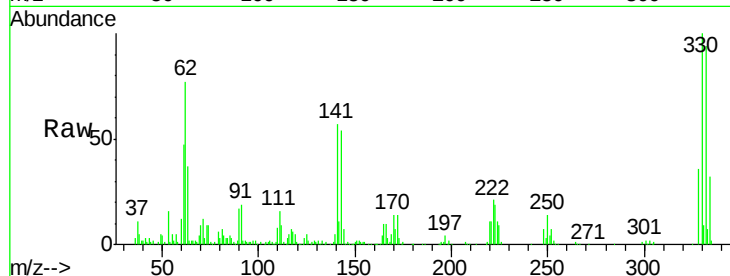




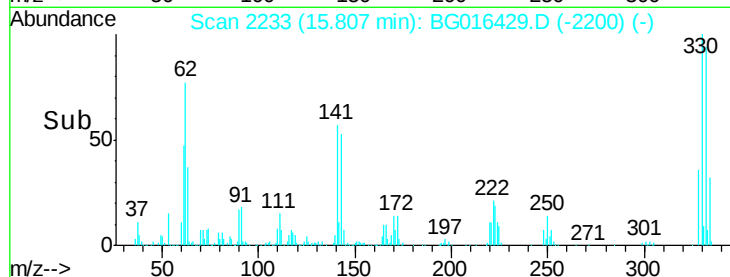
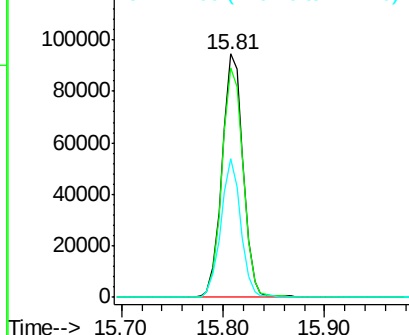
#41
 2,4,6-Tribromophenol
 Concen: 79.45 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.00 min
 Lab File: BG016429.D
 Acq: 15 Apr 2015 18:44

Instrument :
 BNA_G
 ClientSampleId :
 PB82798BL

Tgt Ion: 330 Resp: 136279
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.8 113.6
 141 53.8 46.6 69.8

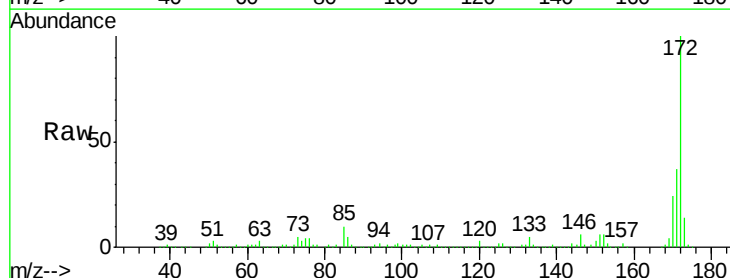


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

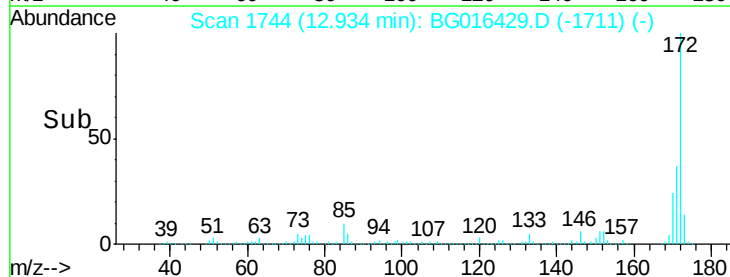
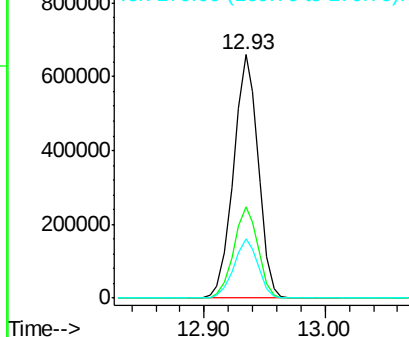


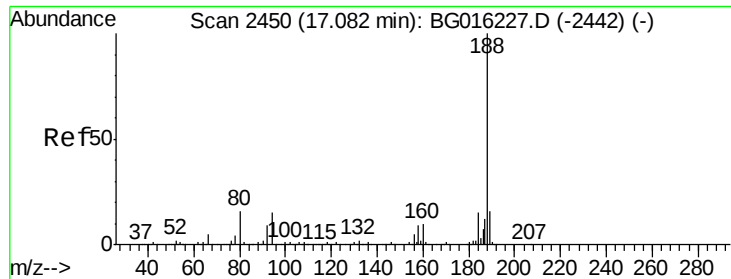
#44
 2-Fluorobiphenyl
 Concen: 62.80 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016429.D
 Acq: 15 Apr 2015 18:44

Tgt Ion: 172 Resp: 935410
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 24.3 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

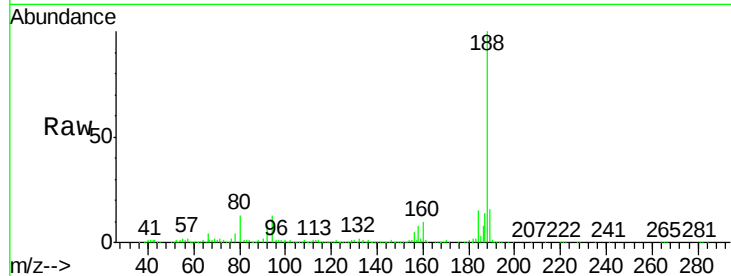




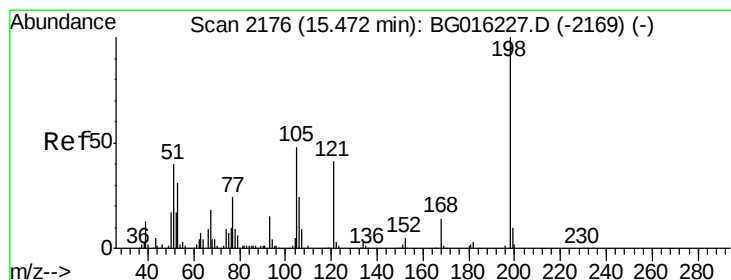
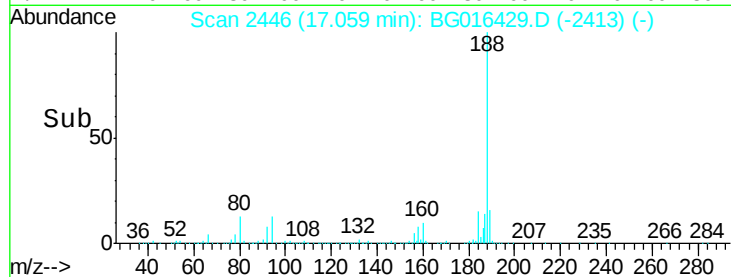
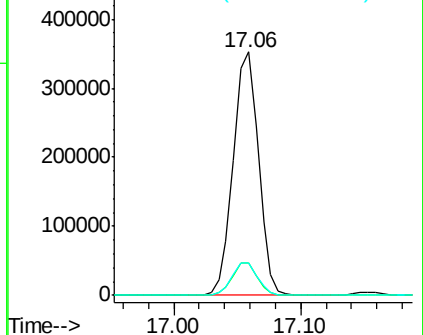
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG016429.D
Acq: 15 Apr 2015 18:44

Instrument :
BNA_G
ClientSampleId :
PB82798BL

Tgt Ion:188 Resp: 487046
Ion Ratio Lower Upper
188 100
94 13.1 12.2 18.4
80 13.3 12.8 19.2

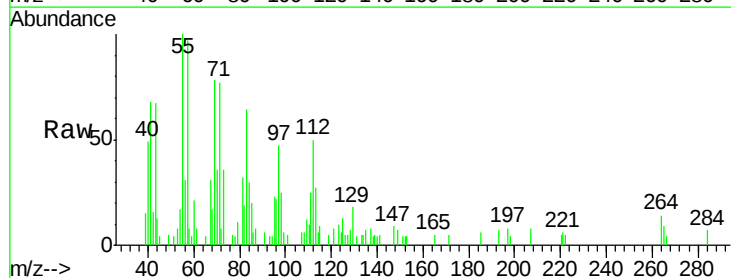


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

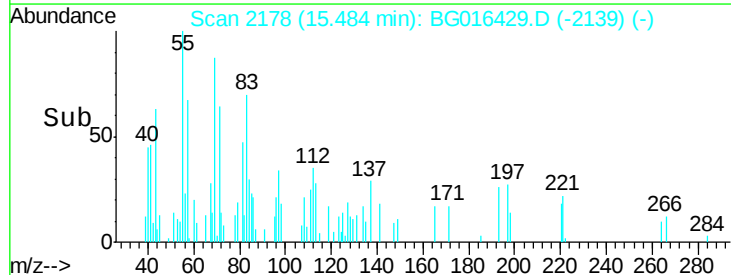
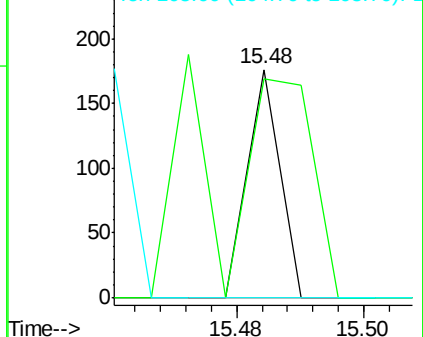


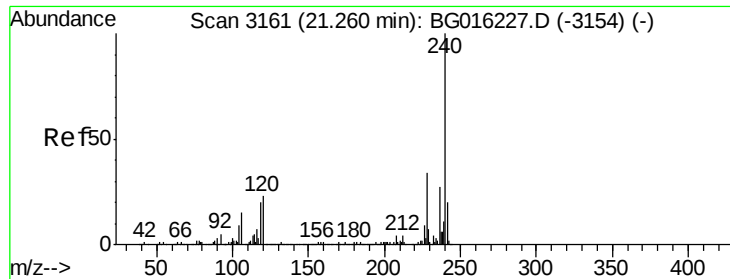
#64
4,6-Dinitro-2-methylphenol
Concen: 3.90 ng
RT: 15.48 min Scan# 2178
Delta R.T. 0.03 min
Lab File: BG016429.D
Acq: 15 Apr 2015 18:44

Tgt Ion:198 Resp: 62
Ion Ratio Lower Upper
198 100
51 96.0 20.7 60.7#
105 0.0 28.8 68.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG016429.D

Acq: 15 Apr 2015 18:44

Instrument :

BNA_G

ClientSampleId :

PB82798BL

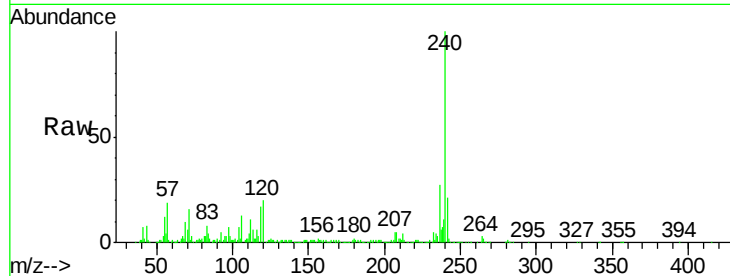
Tgt Ion:240 Resp: 405150

Ion Ratio Lower Upper

240 100

120 19.9 18.6 28.0

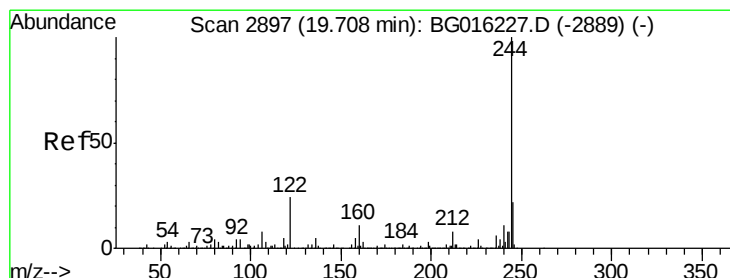
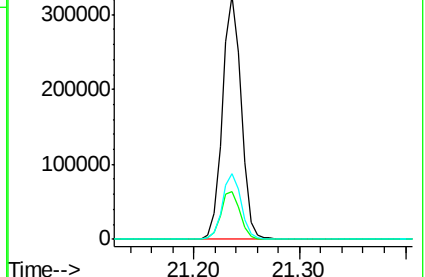
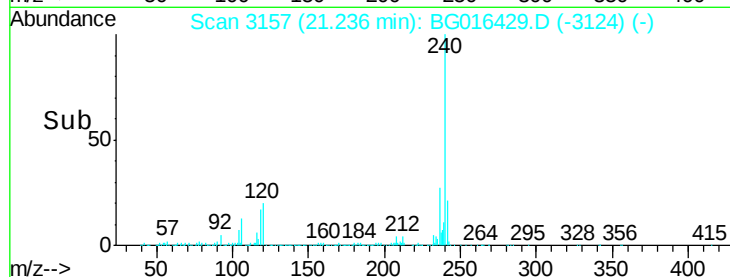
236 27.2 21.7 32.5



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: 58.58 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016429.D

Acq: 15 Apr 2015 18:44

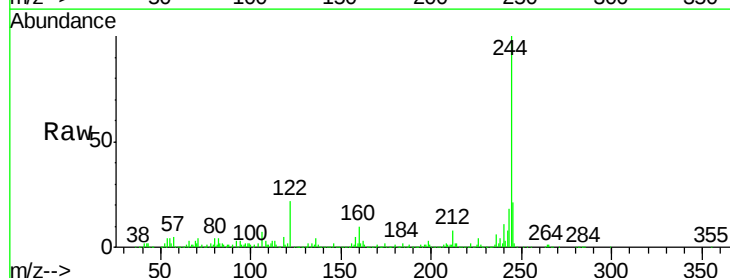
Tgt Ion:244 Resp: 1014035

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

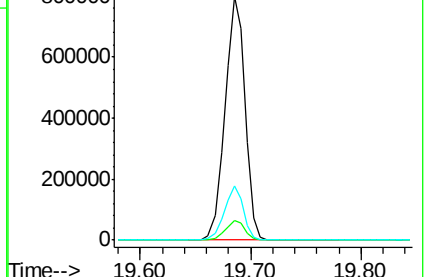
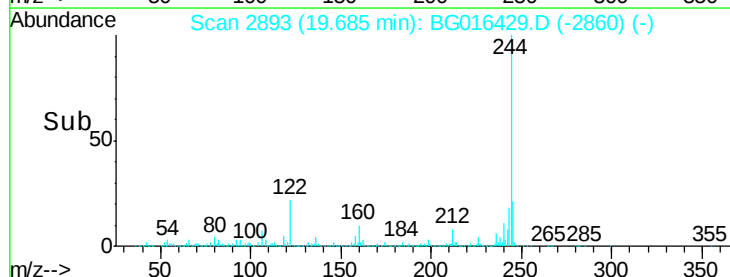
122 22.3 19.1 28.7

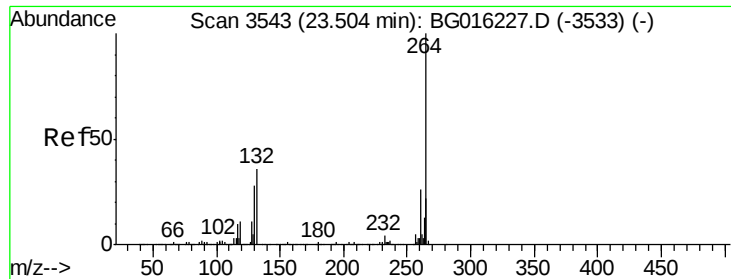


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.47 min Scan# 3537
Delta R.T. 0.00 min
Lab File: BG016429.D
Acq: 15 Apr 2015 18:44

Instrument :
BNA_G
ClientSampleId :
PB82798BL

Tgt Ion: 264 Resp: 386501
Ion Ratio Lower Upper
264 100
260 24.4 20.4 30.6
265 24.7 17.2 25.8

