

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016346.D
 Acq On : 11 Apr 2015 9:58
 Operator : TP/IZ
 Sample : G1744-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TD-5

Quant Time: Apr 13 03:34:27 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

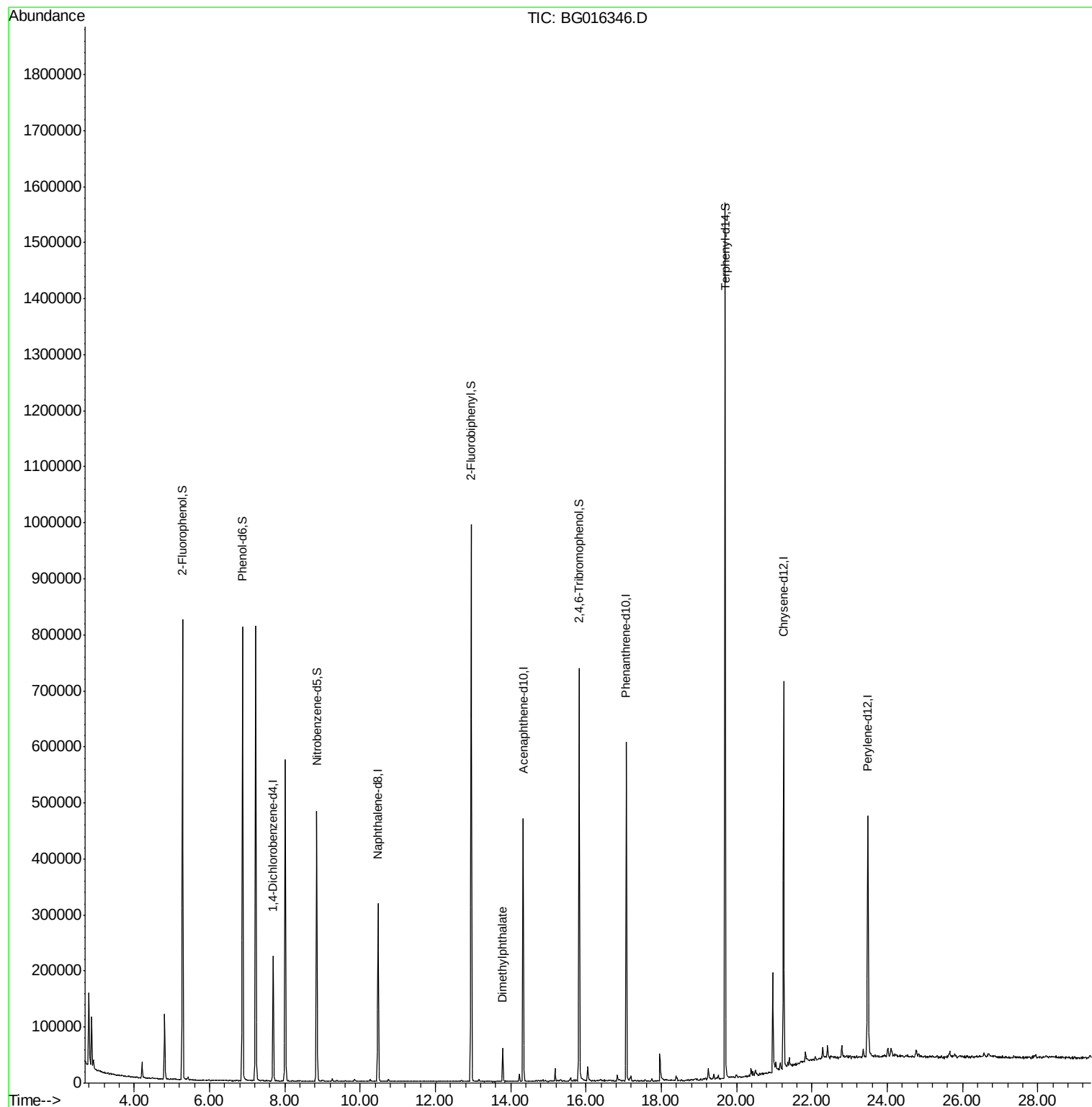
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	61939	20.00	ng	-0.01
21) Naphthalene-d8	10.48	136	275356	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	161261	20.00	ng	-0.01
63) Phenanthrene-d10	17.07	188	327340	20.00	ng	-0.01
75) Chrysene-d12	21.25	240	286931	20.00	ng	-0.01
86) Perylene-d12	23.49	264	262236	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	378509	96.44	ng	0.00
7) Phenol-d6	6.88	99	537637	91.25	ng	0.00
23) Nitrobenzene-d5	8.85	82	274516	57.75	ng	-0.01
41) 2,4,6-Tribromophenol	15.82	330	101921	93.45	ng	-0.01
44) 2-Fluorobiphenyl	12.95	172	499668	52.75	ng	-0.01
78) Terphenyl-d14	19.70	244	593832	48.44	ng	-0.01
Target Compounds						
49) Dimethylphthalate	13.79	163	39531	3.34	ng	Qvalue 99

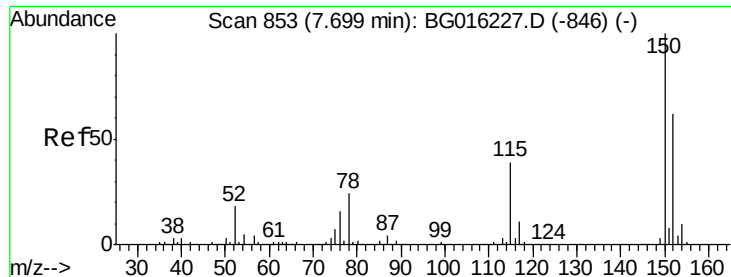
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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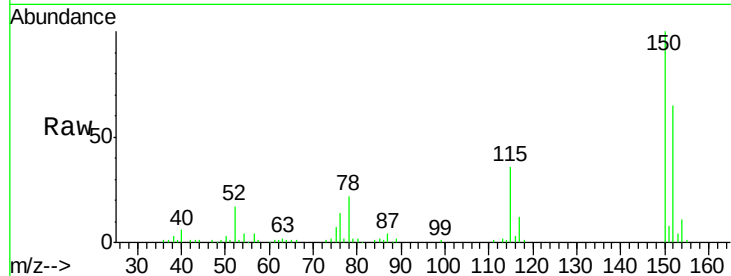


#1

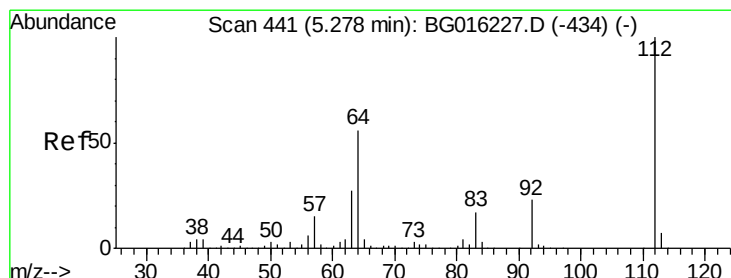
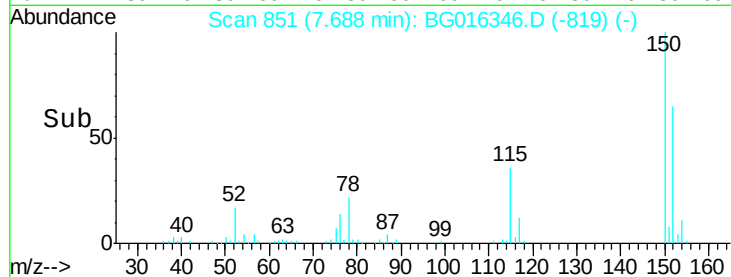
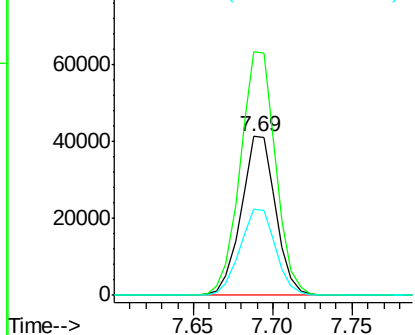
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BG016346.D
 Acq: 11 Apr 2015 9:58

Instrument :
 BNA_G
 ClientSampleId :
 TD-5

Tgt Ion:152 Resp: 61939
 Ion Ratio Lower Upper
 152 100
 150 153.1 130.1 195.1
 115 54.5 50.5 75.7



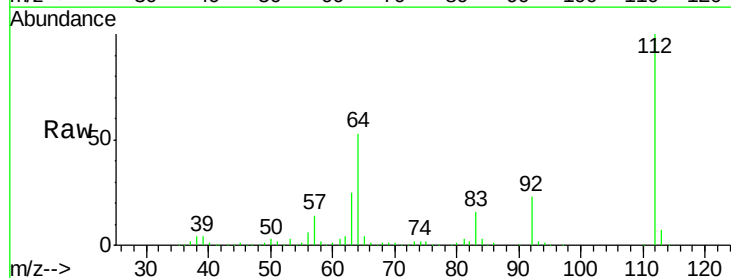
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



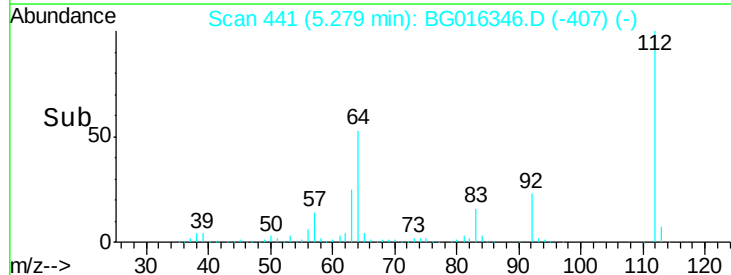
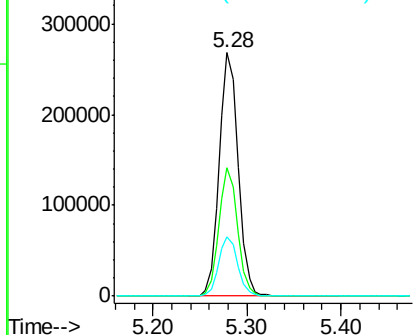
#5

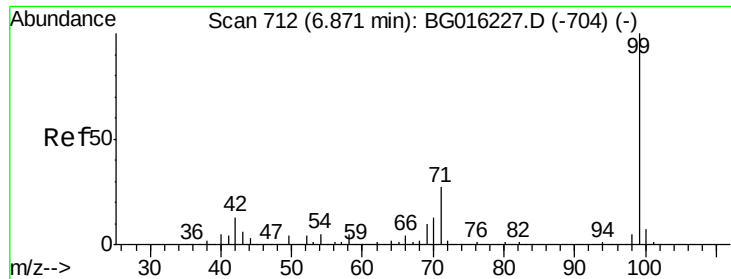
2-Fluorophenol
 Concen: 96.44 ng
 RT: 5.28 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BG016346.D
 Acq: 11 Apr 2015 9:58

Tgt Ion:112 Resp: 378509
 Ion Ratio Lower Upper
 112 100
 64 52.7 44.5 66.7
 63 24.5 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: 91.25 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016346.D

Acq: 11 Apr 2015 9:58

Instrument :

BNA_G

ClientSampleId :

TD-5

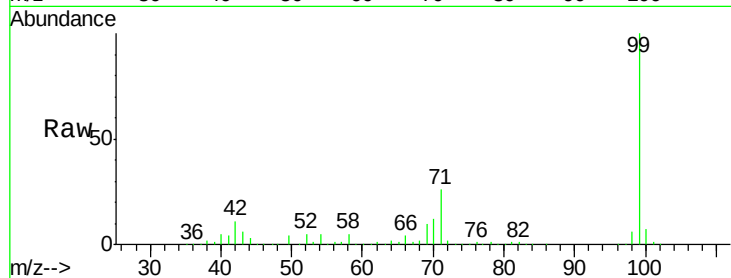
Tgt Ion: 99 Resp: 537637

Ion Ratio Lower Upper

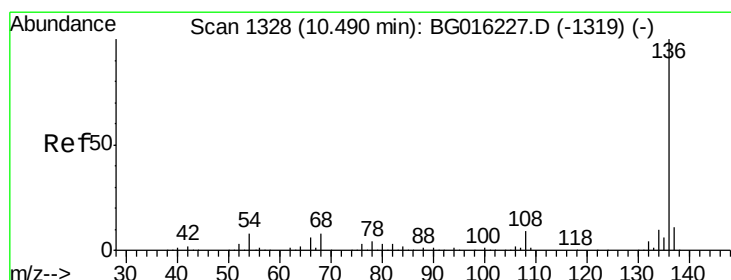
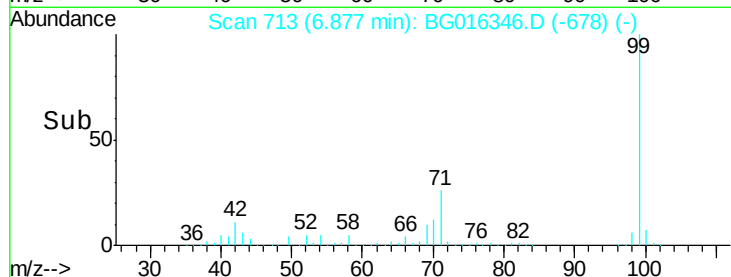
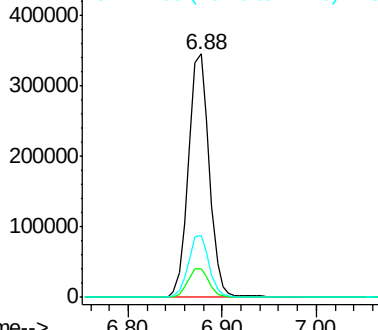
99 100

42 11.5 10.0 15.0

71 25.6 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# 1326

Delta R.T. -0.01 min

Lab File: BG016346.D

Acq: 11 Apr 2015 9:58

Tgt Ion: 136 Resp: 275356

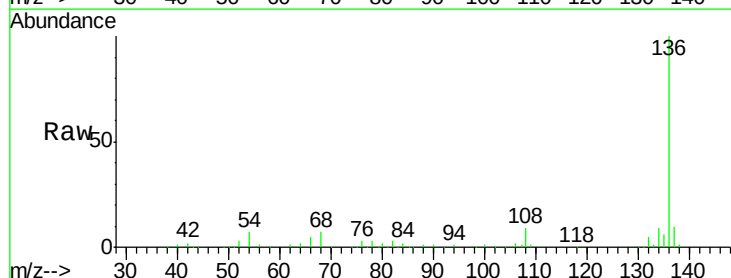
Ion Ratio Lower Upper

136 100

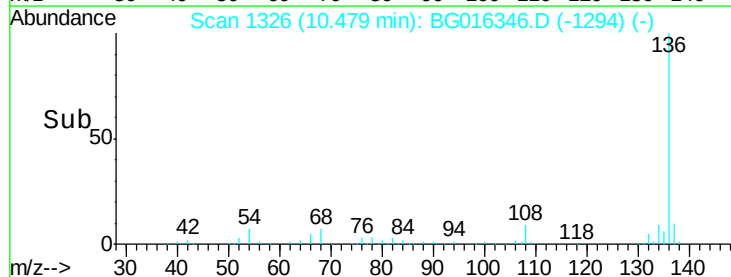
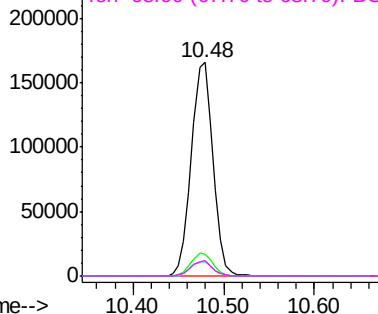
137 10.3 8.7 13.1

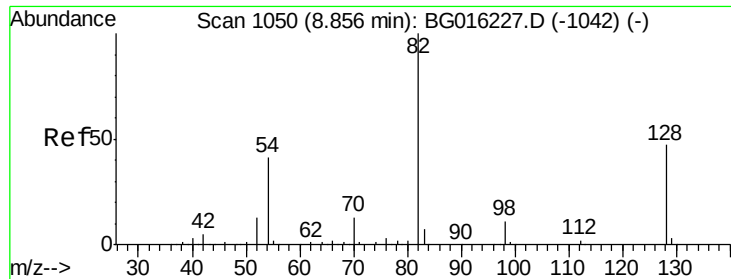
54 6.9 6.3 9.5

68 7.0 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

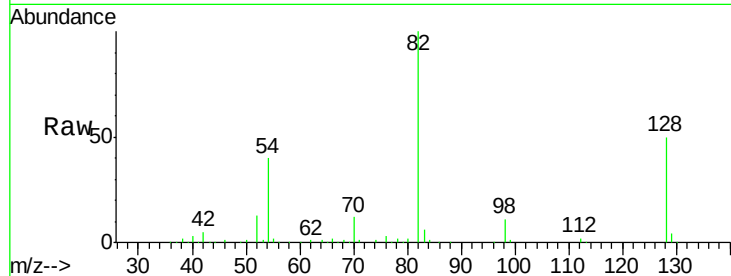




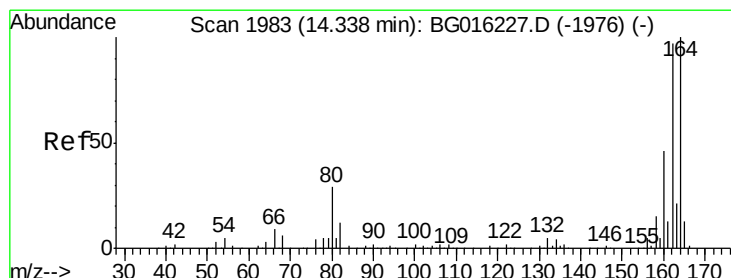
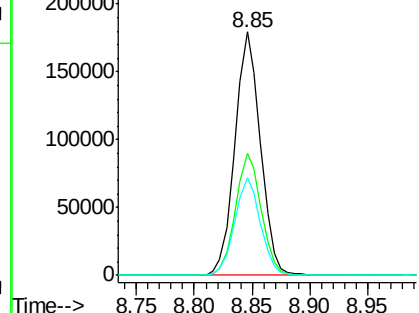
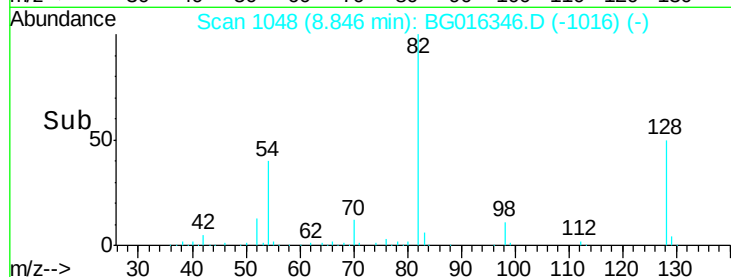
#23
 Nitrobenzene-d5
 Concen: 57.75 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG016346.D
 Acq: 11 Apr 2015 9:58

Instrument :
 BNA_G
 ClientSampled :
 TD-5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.2	37.8	56.8
54	39.9	32.6	49.0

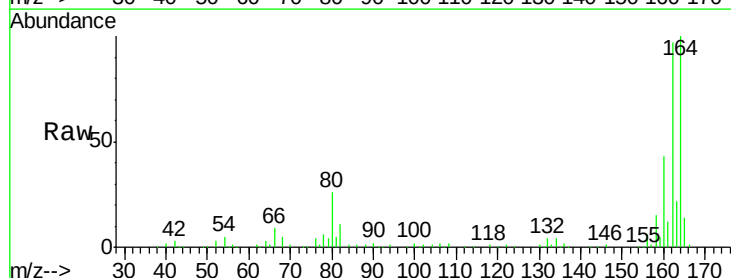


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

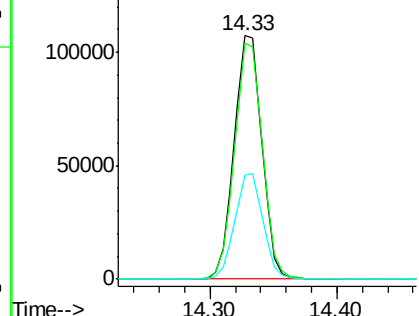
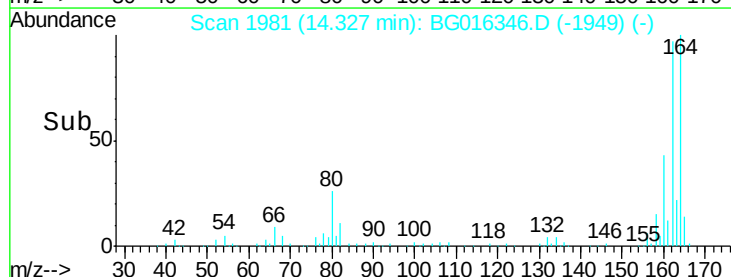


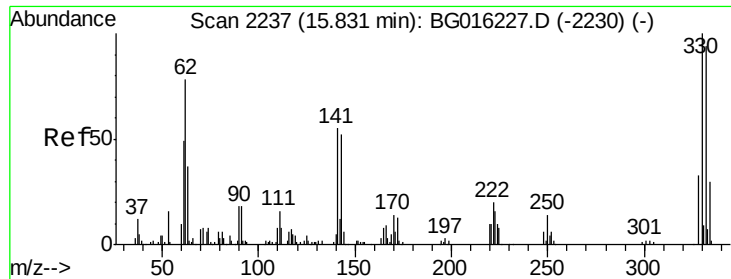
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG016346.D
 Acq: 11 Apr 2015 9:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	77.3	115.9
160	43.0	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

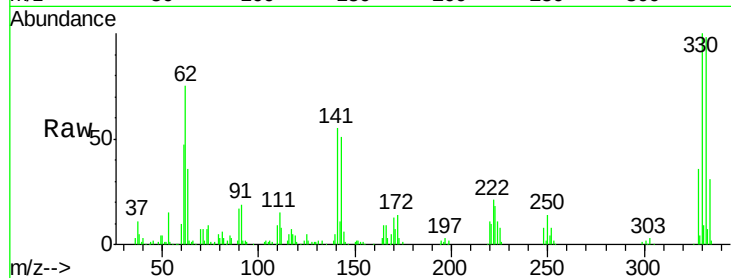




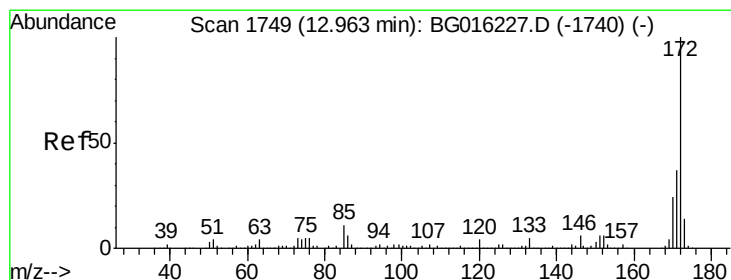
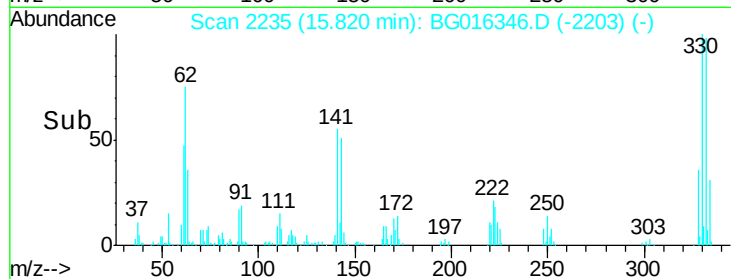
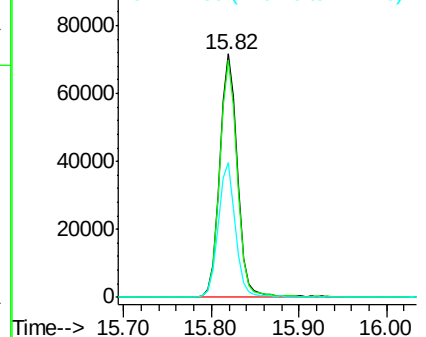
#41
 2,4,6-Tribromophenol
 Concen: 93.45 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG016346.D
 Acq: 11 Apr 2015 9:58

Instrument :
 BNA_G
 ClientSampled :
 TD-5

Tgt Ion: 330 Resp: 101921
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.8 113.6
 141 53.6 46.6 69.8

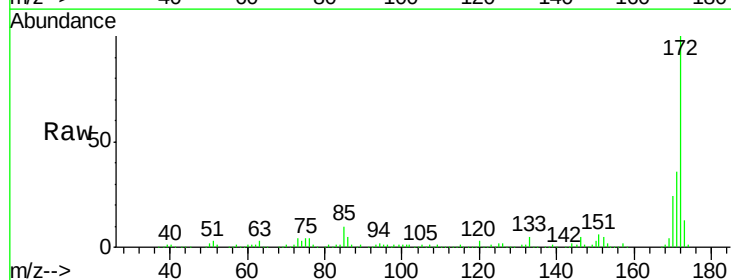


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

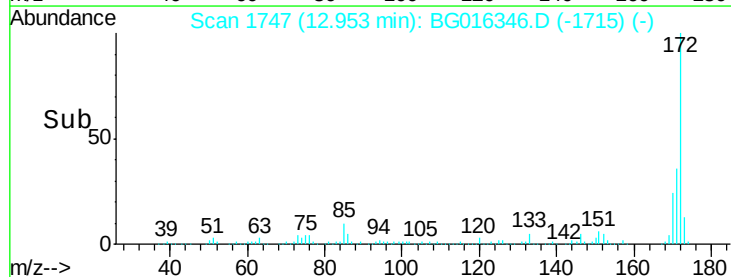
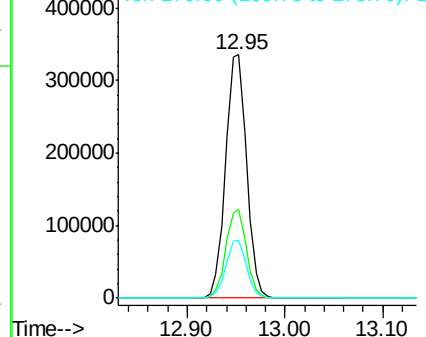


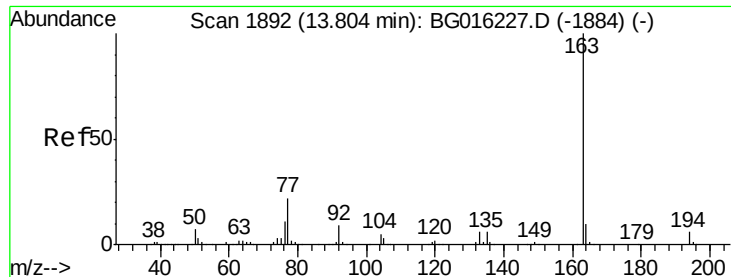
#44
 2-Fluorobiphenyl
 Concen: 52.75 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG016346.D
 Acq: 11 Apr 2015 9:58

Tgt Ion: 172 Resp: 499668
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.7 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: 3.34 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG016346.D

Acq: 11 Apr 2015 9:58

Instrument :

BNA_G

ClientSampleId :

TD-5

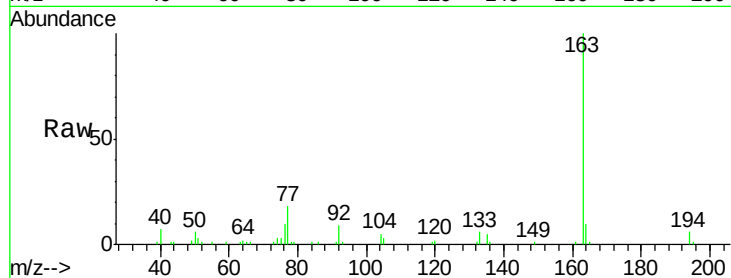
Tgt Ion:163 Resp: 39531

Ion Ratio Lower Upper

163 100

194 5.9 5.0 7.4

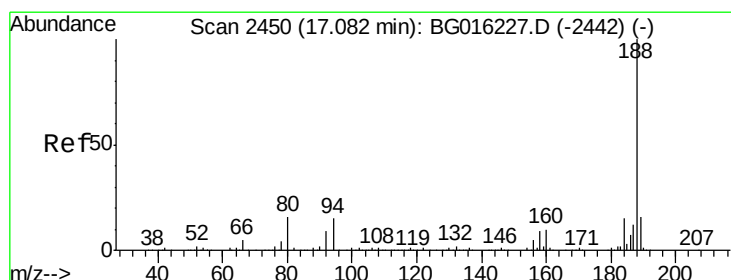
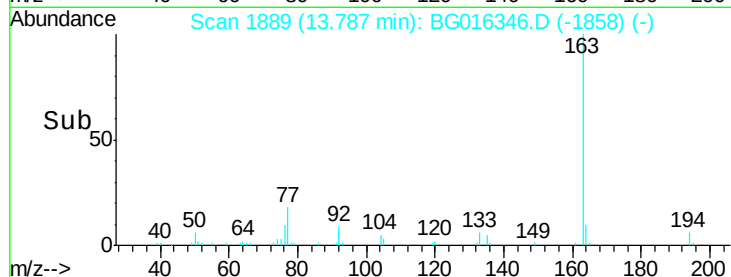
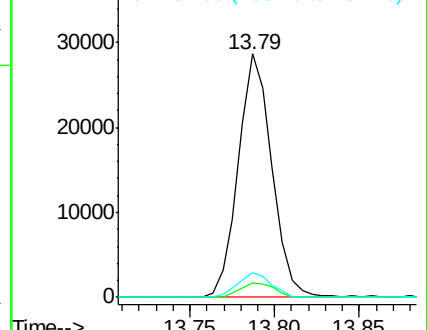
164 10.0 8.2 12.4



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: 17.07 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG016346.D

Acq: 11 Apr 2015 9:58

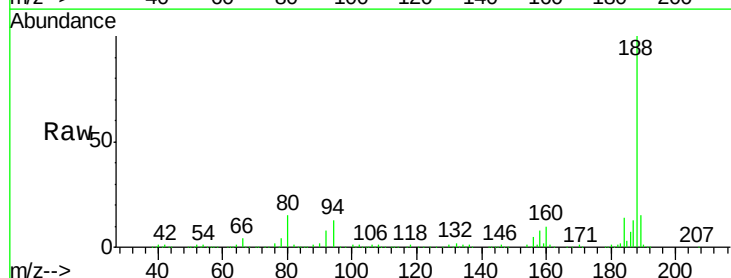
Tgt Ion:188 Resp: 327340

Ion Ratio Lower Upper

188 100

94 13.3 12.2 18.4

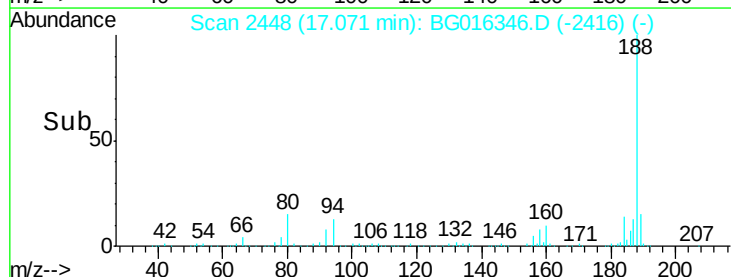
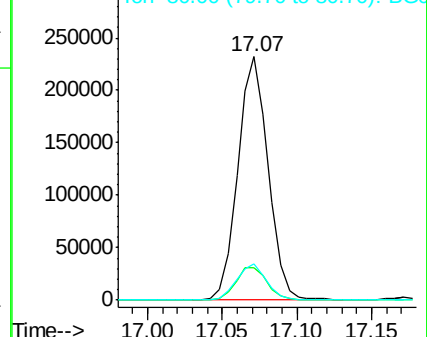
80 15.1 12.8 19.2

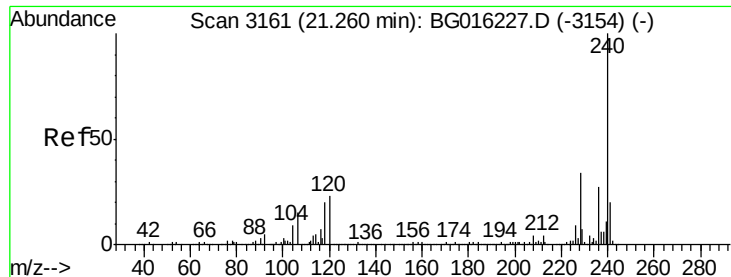


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3159

Delta R.T. -0.01 min

Lab File: BG016346.D

Acq: 11 Apr 2015 9:58

Instrument :

BNA_G

ClientSampleId :

TD-5

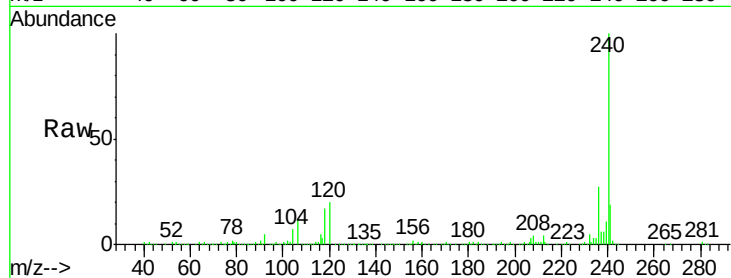
Tgt Ion:240 Resp: 286931

Ion Ratio Lower Upper

240 100

120 19.9 18.6 28.0

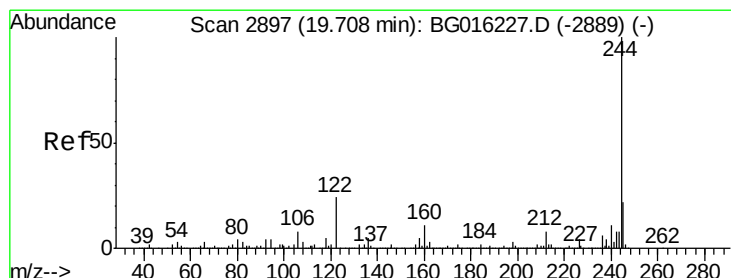
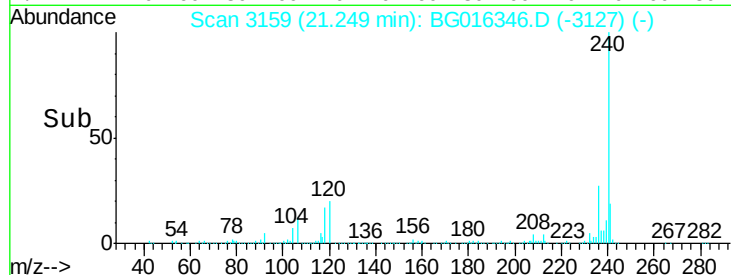
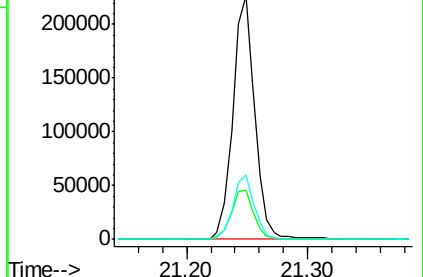
236 26.5 21.7 32.5



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: 48.44 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG016346.D

Acq: 11 Apr 2015 9:58

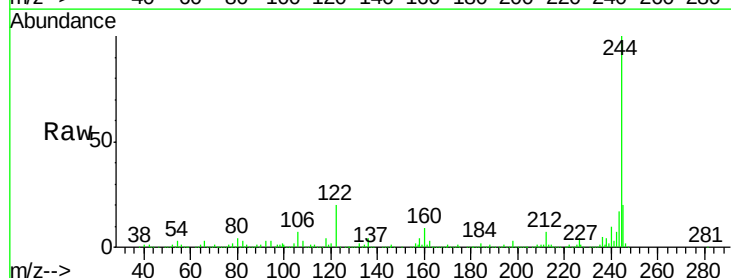
Tgt Ion:244 Resp: 593832

Ion Ratio Lower Upper

244 100

212 7.2 6.6 9.8

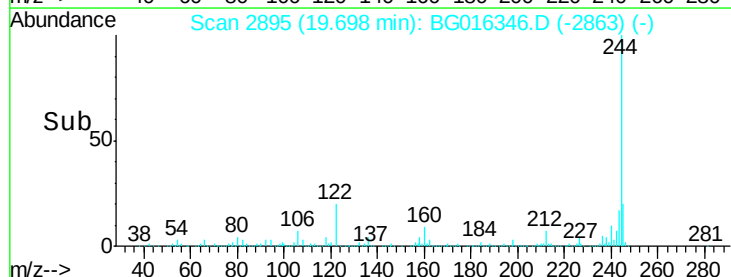
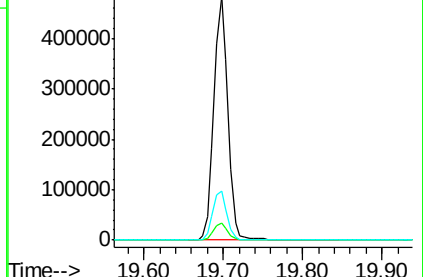
122 20.1 19.1 28.7

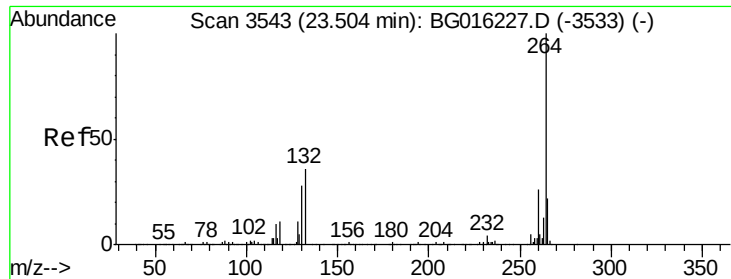


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.49 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG016346.D
Acq: 11 Apr 2015 9:58

Instrument :
BNA_G
ClientSampleId :
TD-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	21.5	17.2	25.8

