

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016382.D
 Acq On : 14 Apr 2015 5:27
 Operator : TP/IZ
 Sample : G1851-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FD-03

Quant Time: Apr 14 07:24:46 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

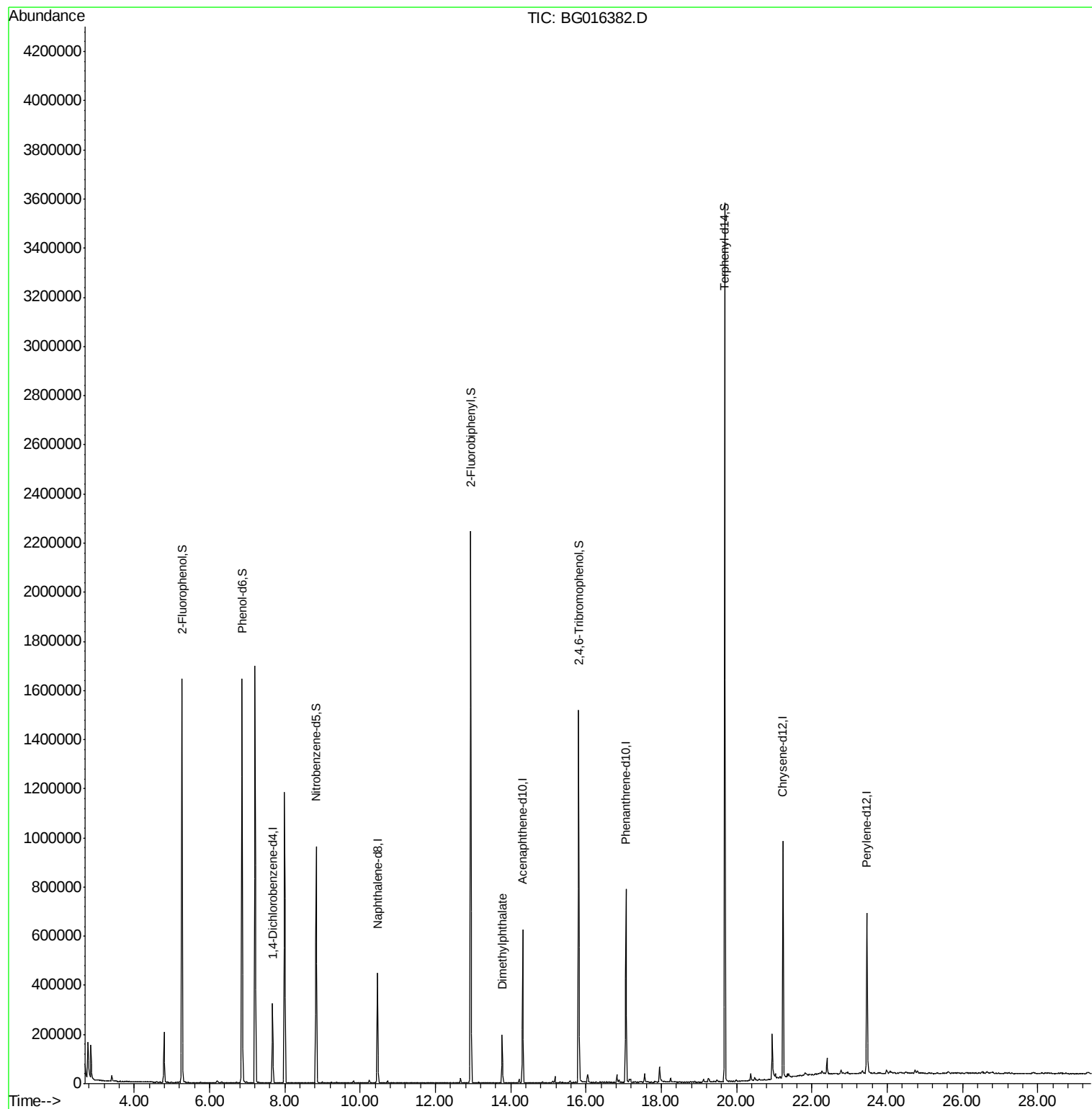
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	85769	20.00	ng	-0.02
21) Naphthalene-d8	10.46	136	371044	20.00	ng	-0.03
38) Acenaphthene-d10	14.31	164	201848	20.00	ng	-0.02
63) Phenanthrene-d10	17.06	188	415594	20.00	ng	-0.02
75) Chrysene-d12	21.23	240	395493	20.00	ng	-0.03
86) Perylene-d12	23.46	264	369572	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	765709	140.90	ng	-0.01
7) Phenol-d6	6.86	99	1068363	130.95	ng	-0.01
23) Nitrobenzene-d5	8.83	82	561967	87.74	ng	-0.02
41) 2,4,6-Tribromophenol	15.81	330	202258	148.17	ng	-0.02
44) 2-Fluorobiphenyl	12.94	172	1097600	92.58	ng	-0.02
78) Terphenyl-d14	19.68	244	1314491	77.79	ng	-0.02
Target Compounds						
49) Dimethylphthalate	13.77	163	123334	8.34	ng	Qvalue 99

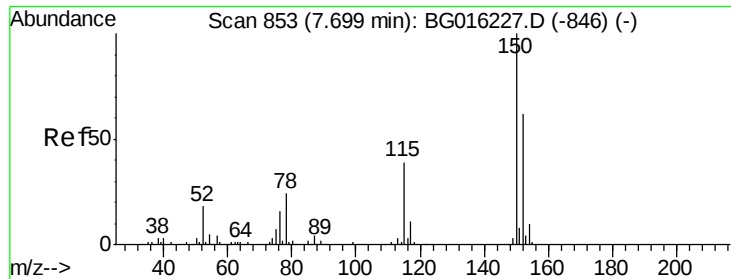
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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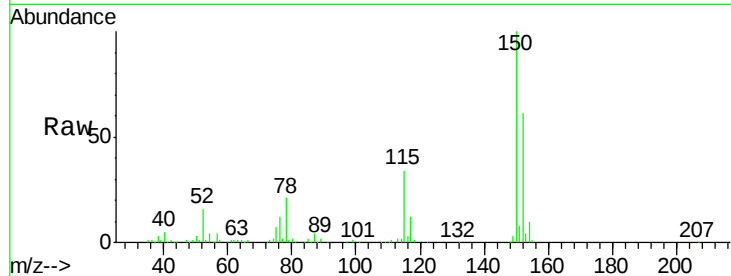


#1

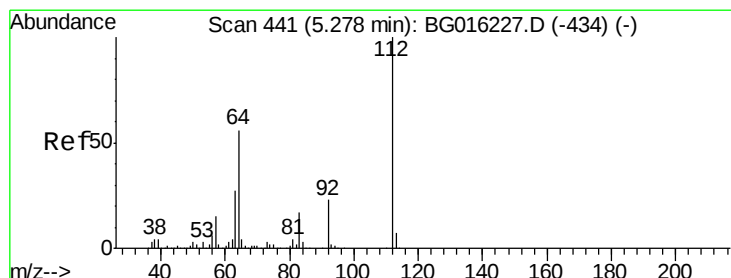
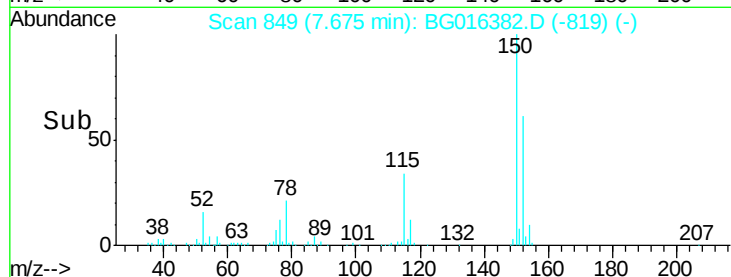
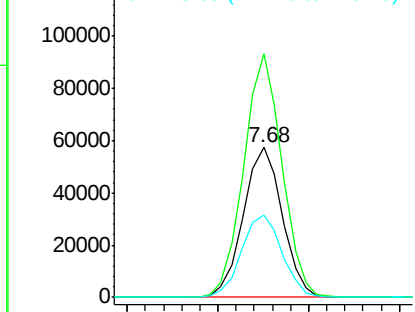
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 849
Delta R.T. -0.02 min
Lab File: BG016382.D
Acq: 14 Apr 2015 5:27

Instrument :
BNA_G
ClientSampleId :
FD-03

Tgt Ion:152 Resp: 85769
Ion Ratio Lower Upper
152 100
150 162.8 130.1 195.1
115 55.1 50.5 75.7



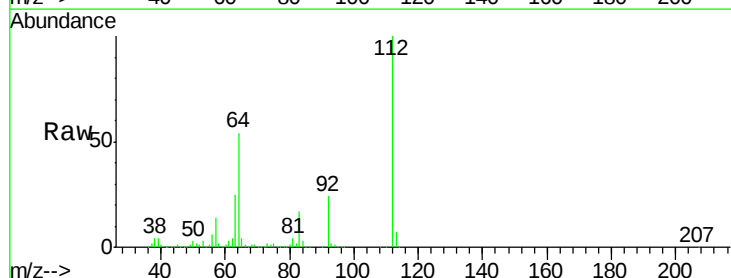
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



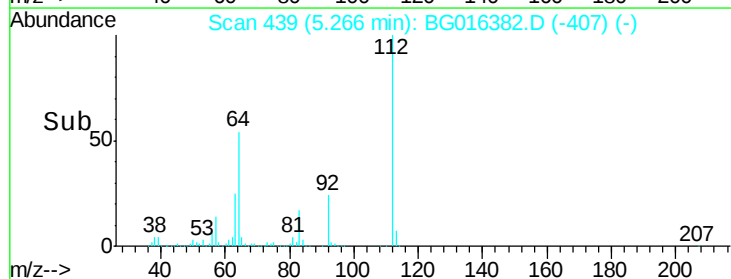
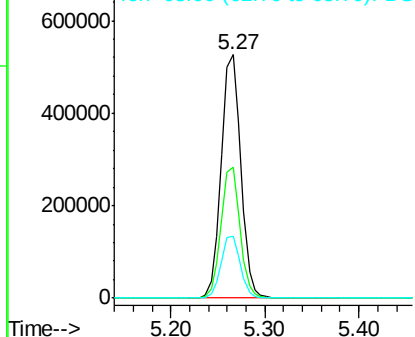
#5

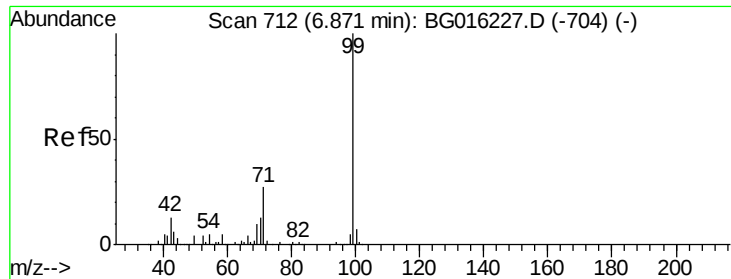
2-Fluorophenol
Concen: 140.90 ng
RT: 5.27 min Scan# 439
Delta R.T. -0.01 min
Lab File: BG016382.D
Acq: 14 Apr 2015 5:27

Tgt Ion:112 Resp: 765709
Ion Ratio Lower Upper
112 100
64 53.7 44.5 66.7
63 25.4 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: 130.95 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG016382.D

Acq: 14 Apr 2015 5:27

Instrument :

BNA_G

ClientSampleId :

FD-03

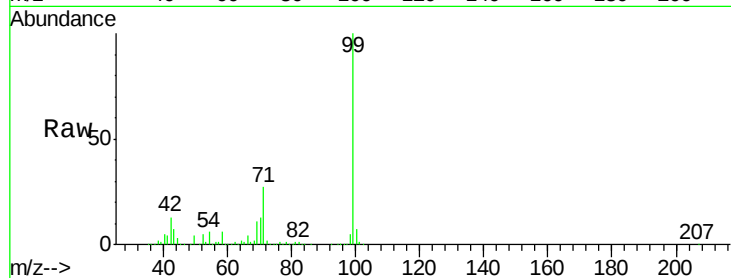
Tgt Ion: 99 Resp: 1068363

Ion Ratio Lower Upper

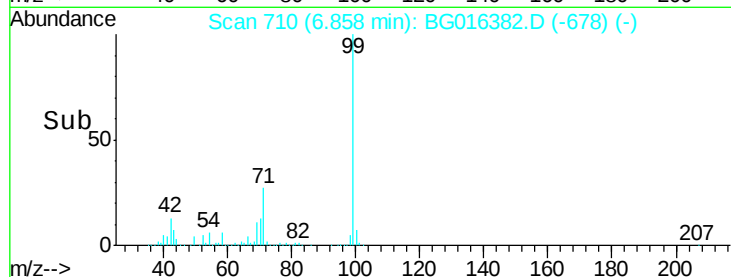
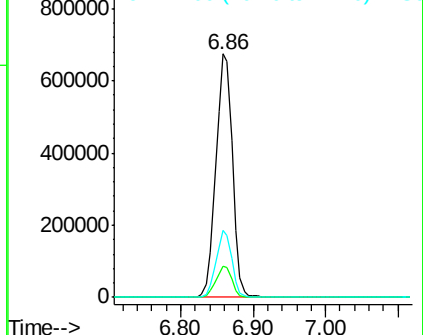
99 100

42 12.9 10.0 15.0

71 27.3 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. -0.03 min

Lab File: BG016382.D

Acq: 14 Apr 2015 5:27

Tgt Ion: 136 Resp: 371044

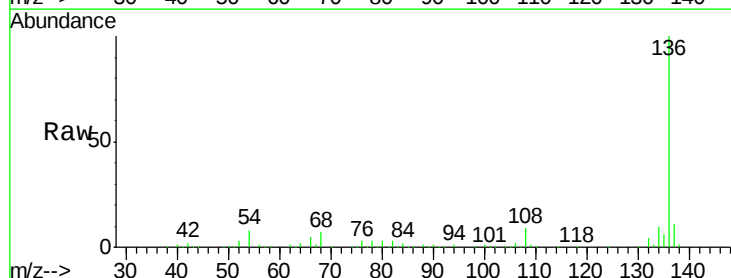
Ion Ratio Lower Upper

136 100

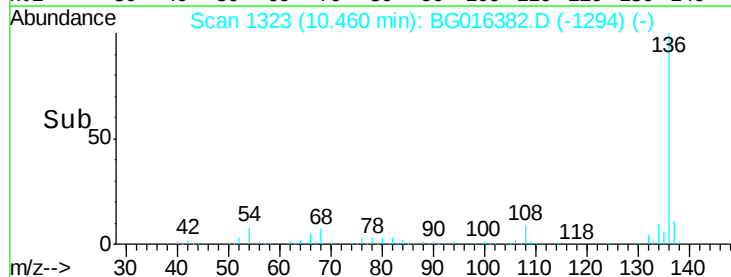
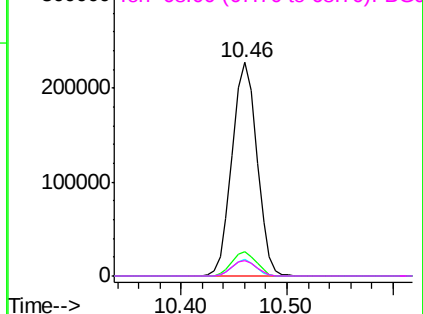
137 11.3 8.7 13.1

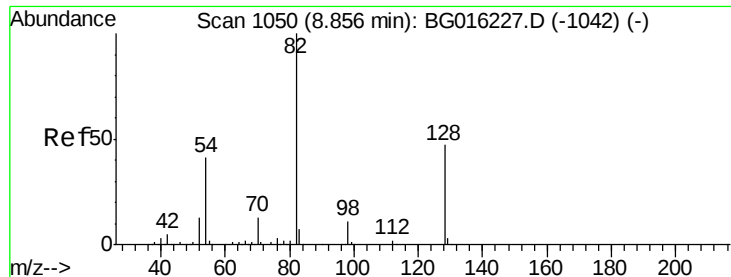
54 7.6 6.3 9.5

68 7.2 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

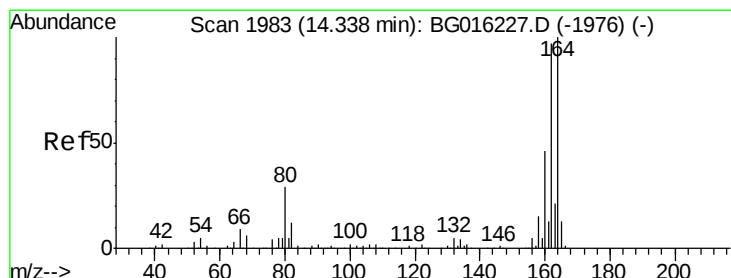
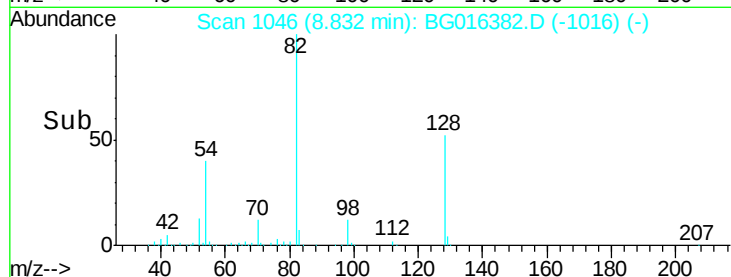
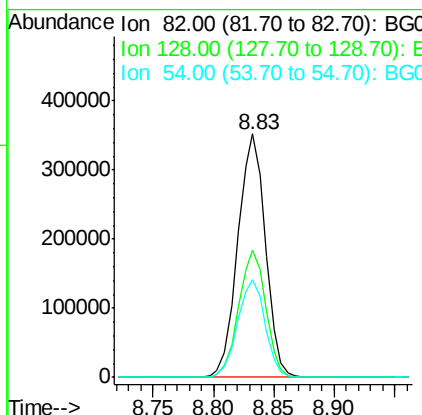
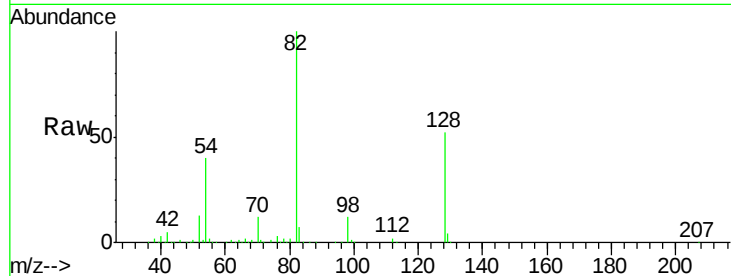




#23
 Nitrobenzene-d5
 Concen: 87.74 ng
 RT: 8.83 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BG016382.D
 Acq: 14 Apr 2015 5:27

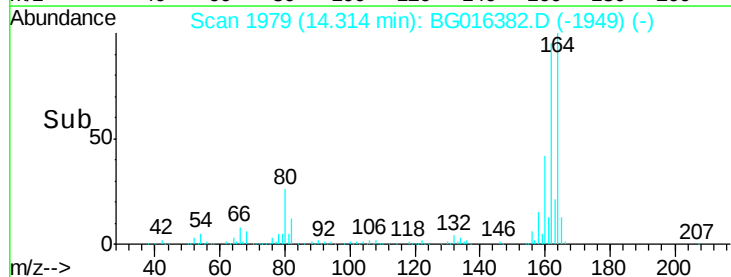
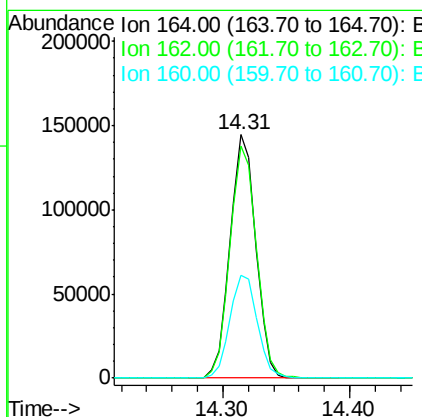
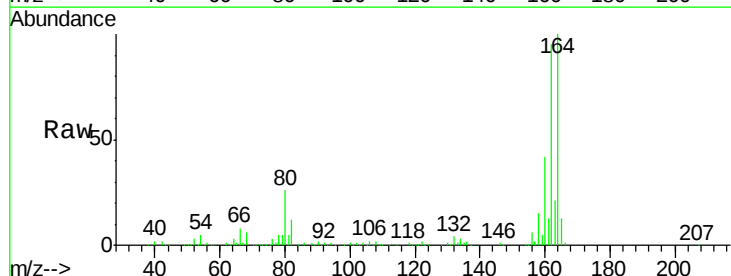
Instrument :
 BNA_G
 ClientSampled :
 FD-03

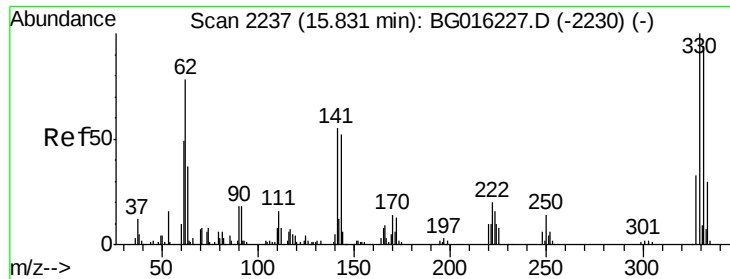
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.0	37.8	56.8
54	40.0	32.6	49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1979
 Delta R.T. -0.02 min
 Lab File: BG016382.D
 Acq: 14 Apr 2015 5:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.1	77.3	115.9
160	42.3	36.7	55.1

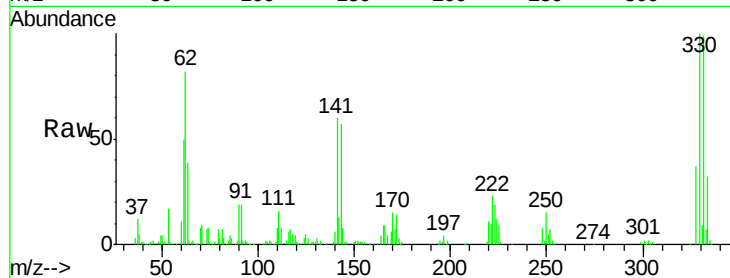




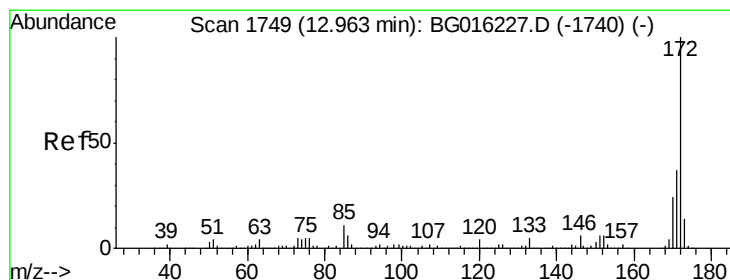
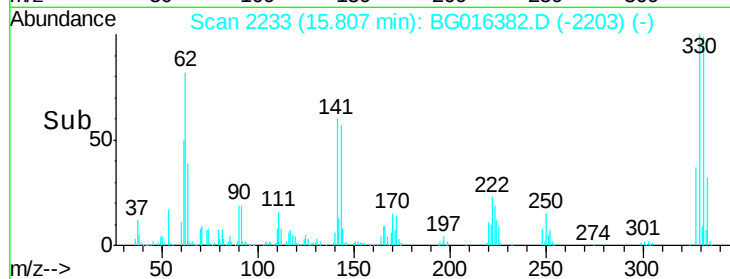
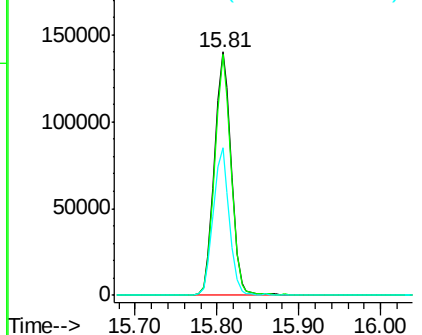
#41
 2,4,6-Tribromophenol
 Concen: 148.17 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BG016382.D
 Acq: 14 Apr 2015 5:27

Instrument :
 BNA_G
 ClientSampleId :
 FD-03

Tgt Ion:330 Resp: 202258
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.8 113.6
 141 57.6 46.6 69.8

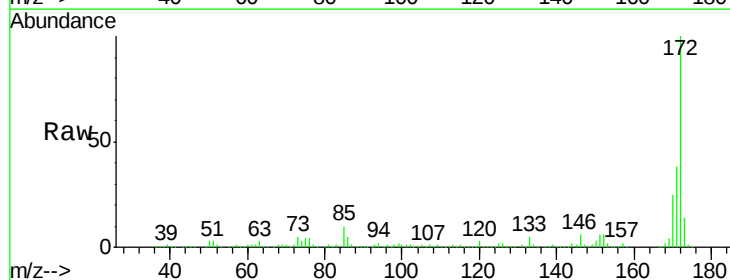


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

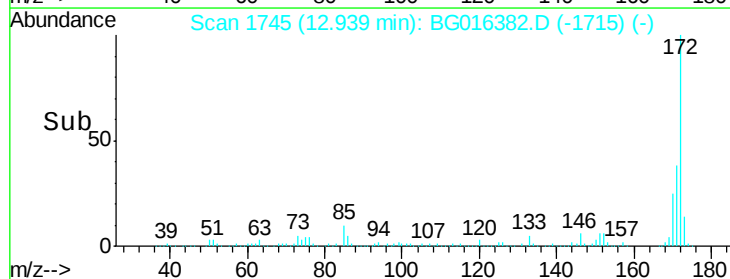
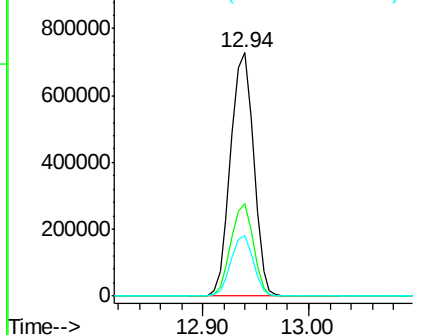


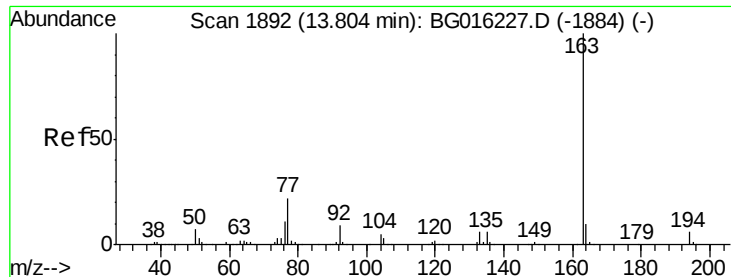
#44
 2-Fluorobiphenyl
 Concen: 92.58 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. -0.02 min
 Lab File: BG016382.D
 Acq: 14 Apr 2015 5:27

Tgt Ion:172 Resp: 1097600
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.6 44.4
 170 24.8 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





#49

Dimethylphthalate

Concen: 8.34 ng

RT: 13.77 min Scan# 1887

Delta R.T. -0.03 min

Lab File: BG016382.D

Acq: 14 Apr 2015 5:27

Instrument :

BNA_G

ClientSampleId :

FD-03

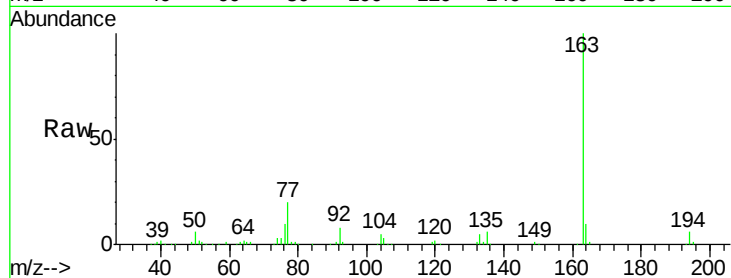
Tgt Ion:163 Resp: 123334

Ion Ratio Lower Upper

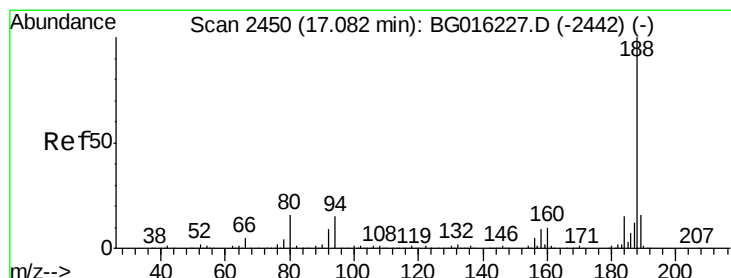
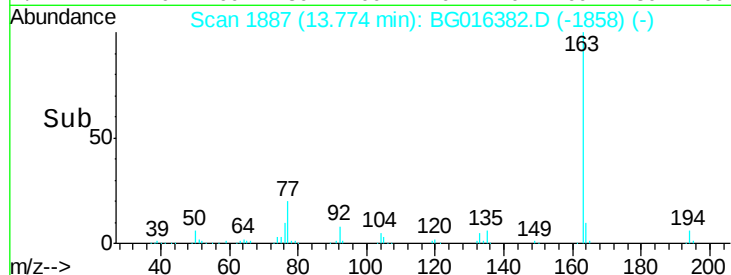
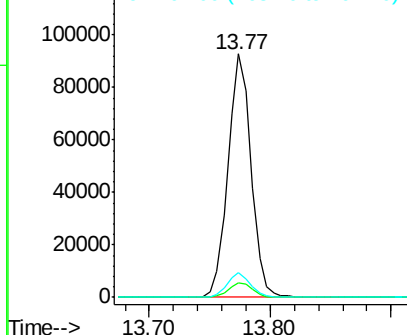
163 100

194 5.9 5.0 7.4

164 10.1 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: 17.06 min Scan# 2446

Delta R.T. -0.02 min

Lab File: BG016382.D

Acq: 14 Apr 2015 5:27

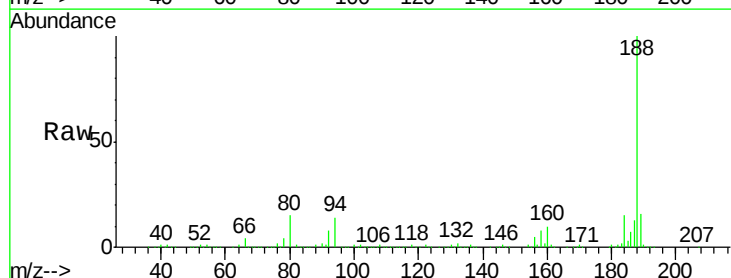
Tgt Ion:188 Resp: 415594

Ion Ratio Lower Upper

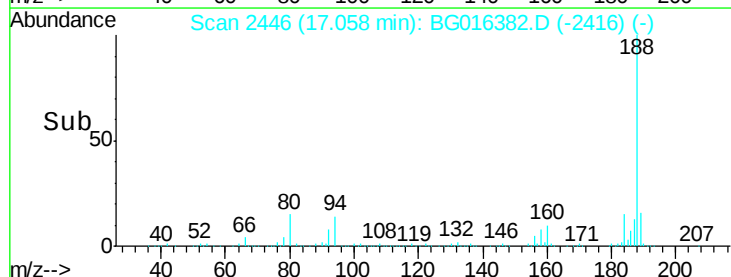
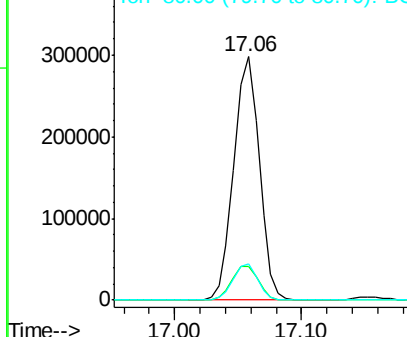
188 100

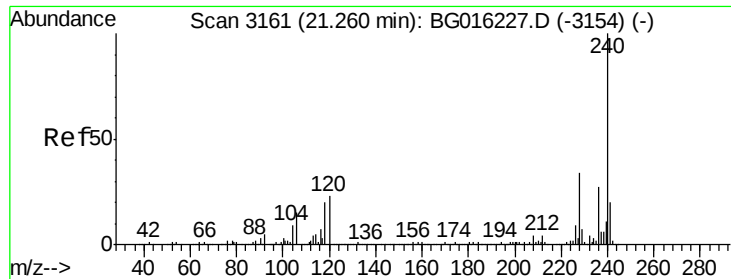
94 13.7 12.2 18.4

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: 21.23 min Scan# 3156

Delta R.T. -0.03 min

Lab File: BG016382.D

Acq: 14 Apr 2015 5:27

Instrument :

BNA_G

ClientSampleId :

FD-03

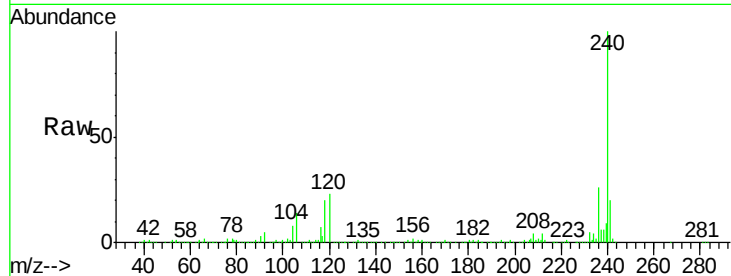
Tgt Ion:240 Resp: 395493

Ion Ratio Lower Upper

240 100

120 23.4 18.6 28.0

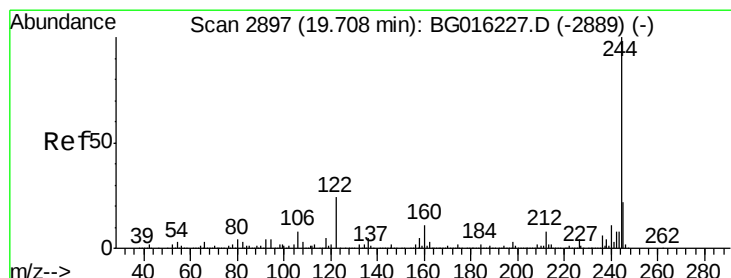
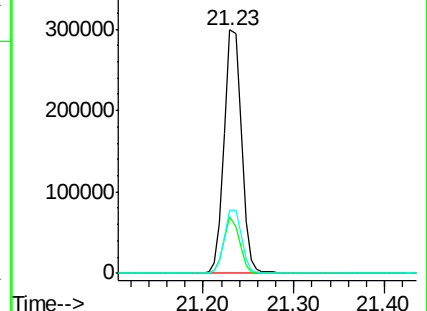
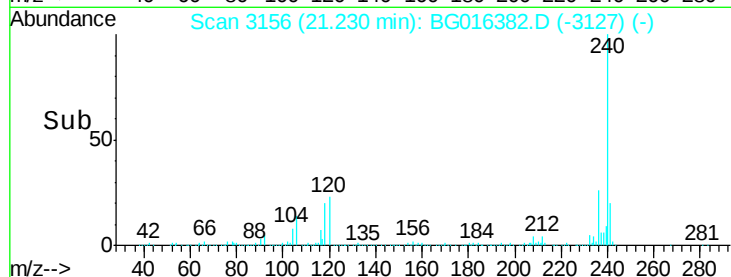
236 26.0 21.7 32.5



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: 77.79 ng

RT: 19.68 min Scan# 2893

Delta R.T. -0.02 min

Lab File: BG016382.D

Acq: 14 Apr 2015 5:27

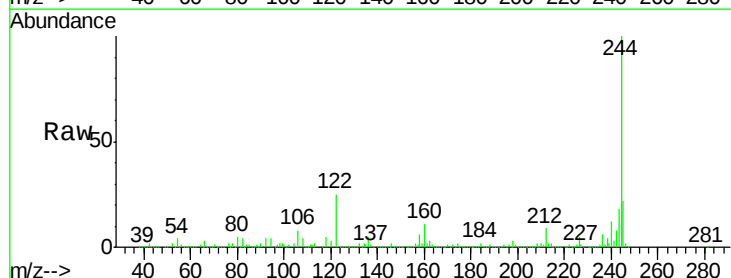
Tgt Ion:244 Resp: 1314491

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

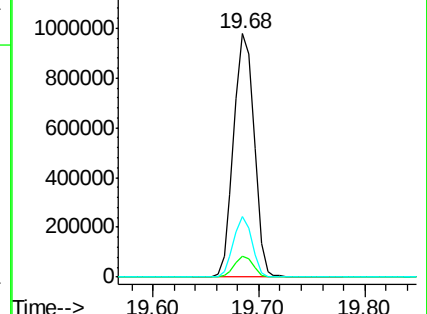
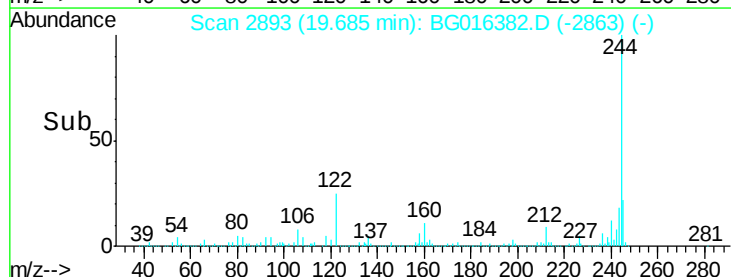
122 24.8 19.1 28.7

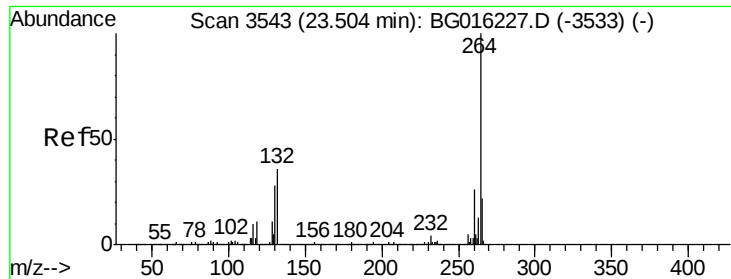


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3536

Delta R.T. -0.04 min

Lab File: BG016382.D

Acq: 14 Apr 2015 5:27

Instrument :

BNA_G

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FD-03

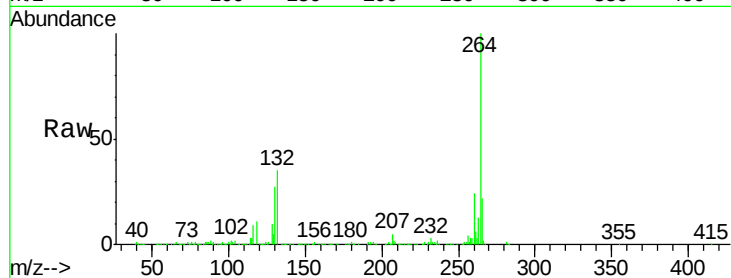
Tgt Ion: 264 Resp: 369572

Ion Ratio Lower Upper

264 100

260 23.6 20.4 30.6

265 22.2 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

