

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
 Data File : BG016482.D
 Acq On : 17 Apr 2015 8:33
 Operator : TP/IZ
 Sample : G1854-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB06B(5-5.5)

Quant Time: Apr 17 16:13:59 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

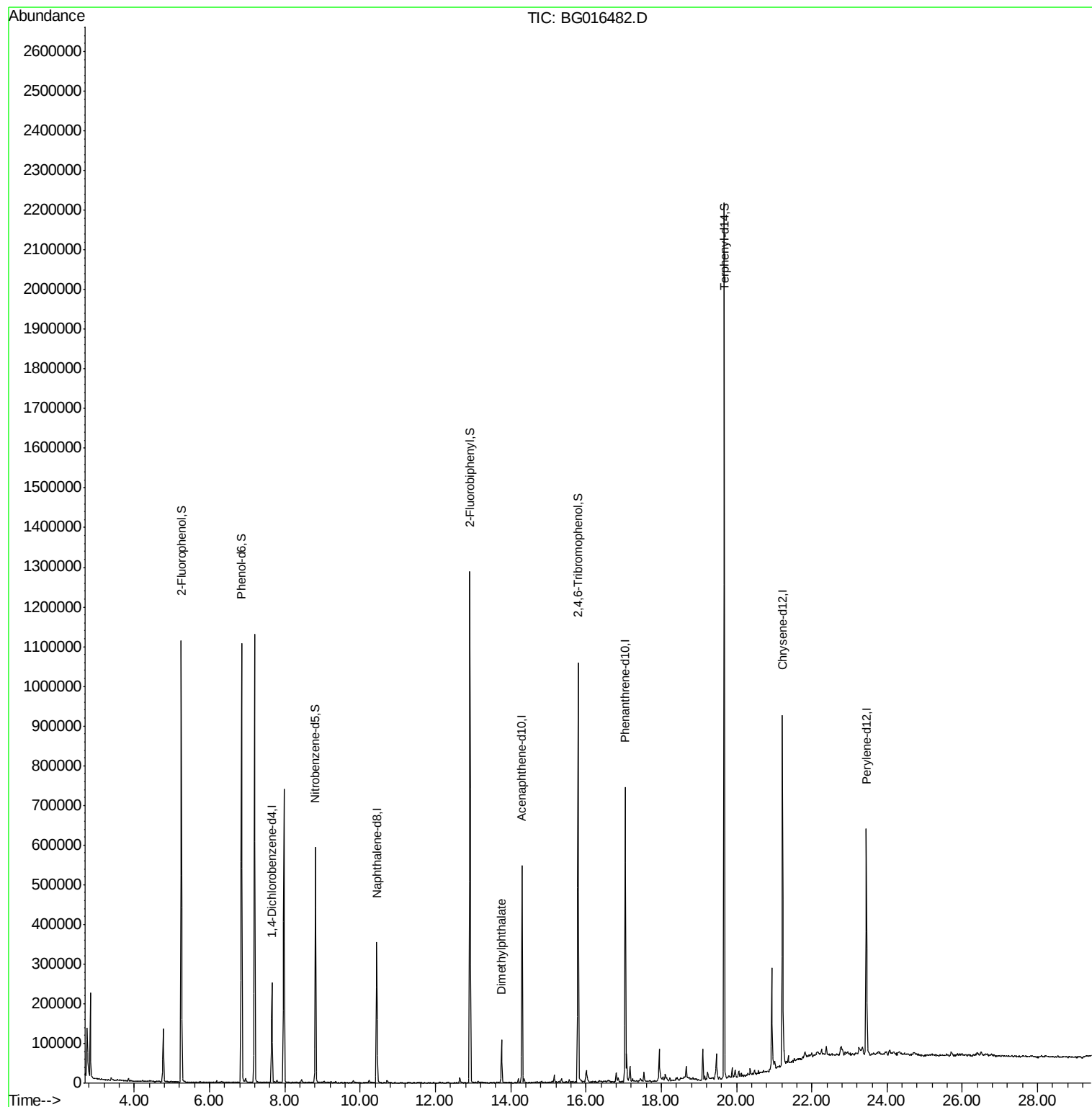
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	72251	20.00	ng	-0.01
21) Naphthalene-d8	10.45	136	305030	20.00	ng	-0.02
38) Acenaphthene-d10	14.30	164	181910	20.00	ng	-0.02
63) Phenanthrene-d10	17.04	188	396109	20.00	ng	-0.02
75) Chrysene-d12	21.22	240	353471	20.00	ng	-0.02
86) Perylene-d12	23.45	264	334246	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	515516	112.61	ng	-0.01
7) Phenol-d6	6.85	99	707599	102.96	ng	-0.01
23) Nitrobenzene-d5	8.82	82	347946	66.08	ng	-0.02
41) 2,4,6-Tribromophenol	15.79	330	147410	119.82	ng	-0.02
44) 2-Fluorobiphenyl	12.92	172	632392	59.19	ng	-0.02
78) Terphenyl-d14	19.68	244	841821	55.74	ng	-0.01
Target Compounds						
49) Dimethylphthalate	13.76	163	72531	5.44	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. -0.01 min

Lab File: BG016482.D

Acq: 17 Apr 2015 8:33

Instrument :

BNA_G

ClientSampleId :

LS-SB06B(5-5.5)

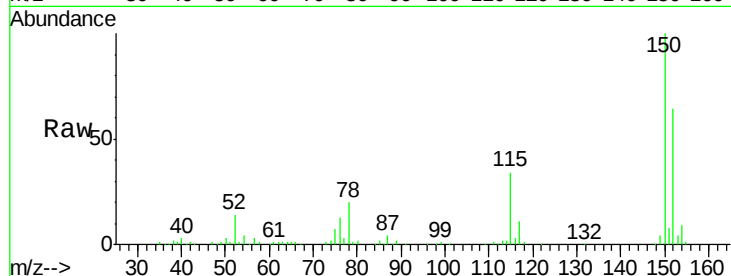
Tgt Ion:152 Resp: 72251

Ion Ratio Lower Upper

152 100

150 157.5 130.1 195.1

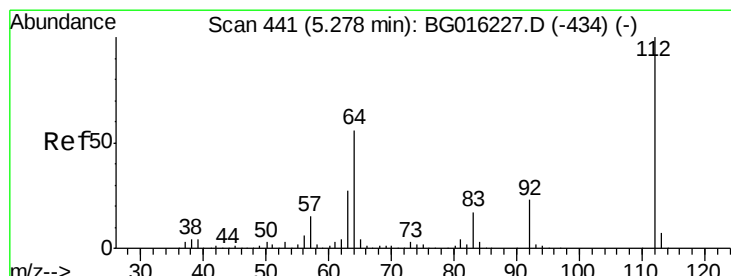
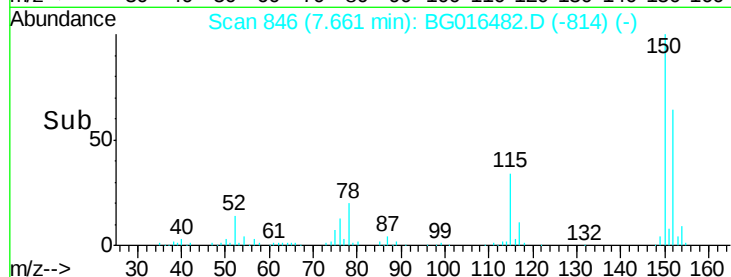
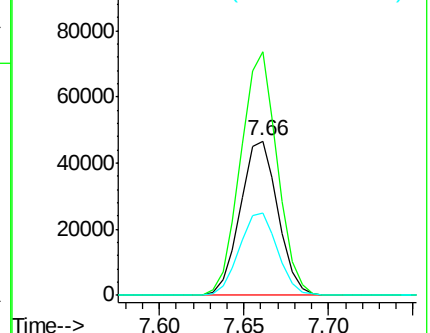
115 53.3 50.5 75.7



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: 112.61 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG016482.D

Acq: 17 Apr 2015 8:33

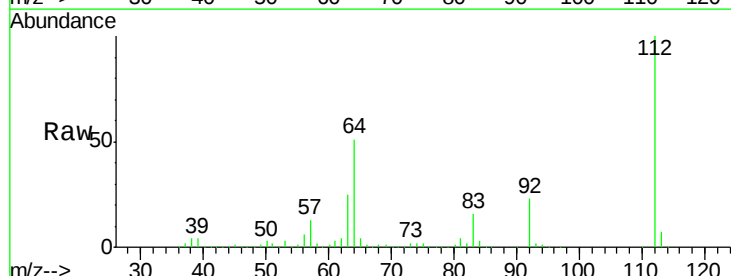
Tgt Ion:112 Resp: 515516

Ion Ratio Lower Upper

112 100

64 51.0 44.5 66.7

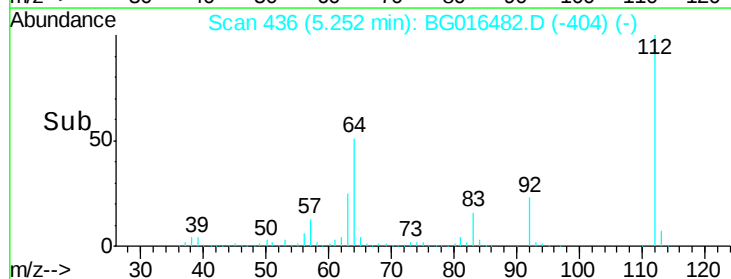
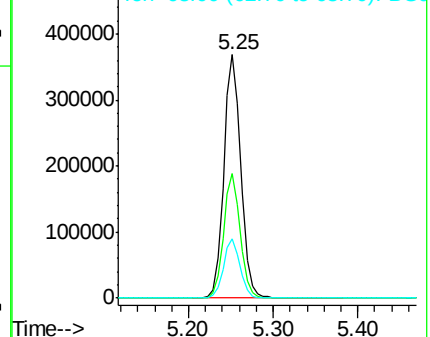
63 24.6 21.4 32.0



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: 102.96 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG016482.D

Acq: 17 Apr 2015 8:33

Instrument :

BNA_G

ClientSampleId :

LS-SB06B(5-5.5)

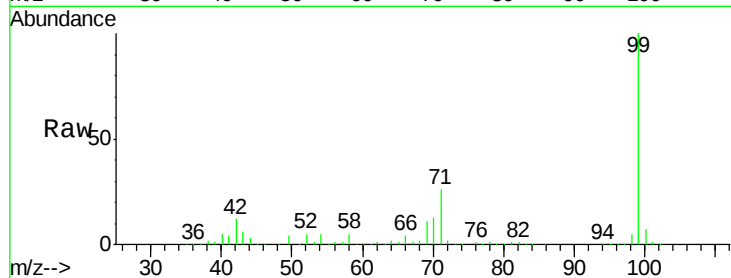
Tgt Ion: 99 Resp: 707599

Ion Ratio Lower Upper

99 100

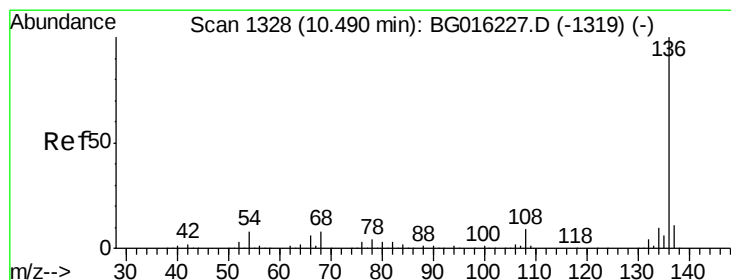
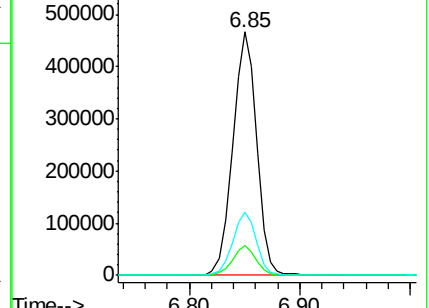
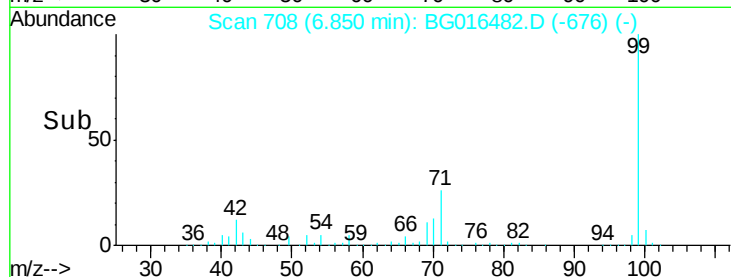
42 12.4 10.0 15.0

71 25.8 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

6.85



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BG016482.D

Acq: 17 Apr 2015 8:33

Tgt Ion: 136 Resp: 305030

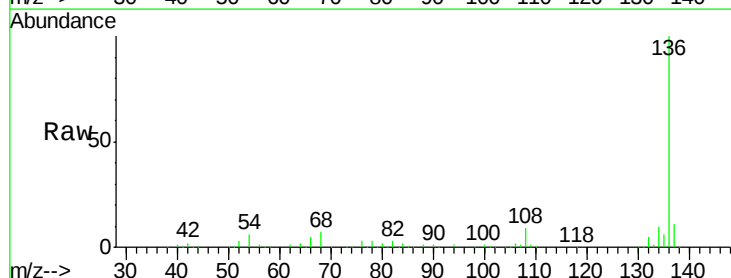
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

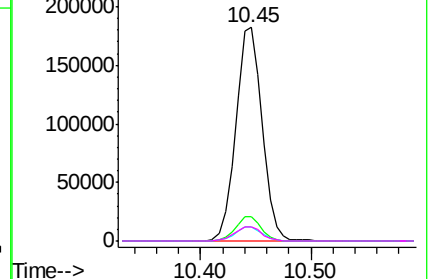
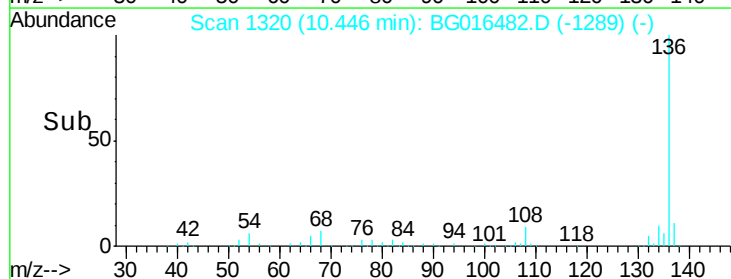
54 6.5 6.3 9.5

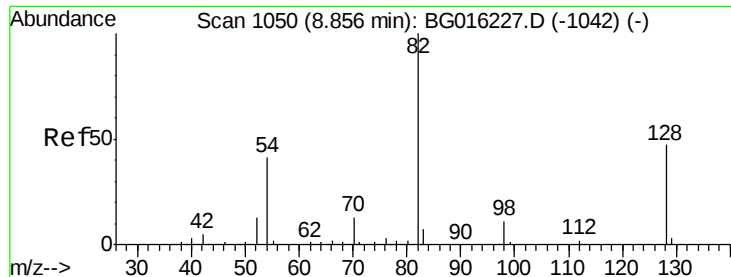
68 6.6 6.5 9.7



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

10.45

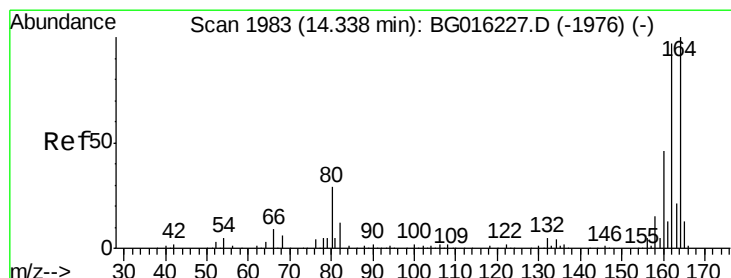
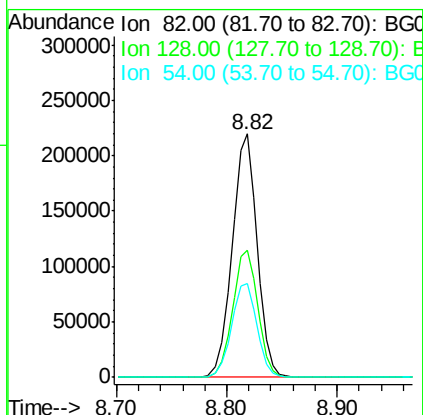
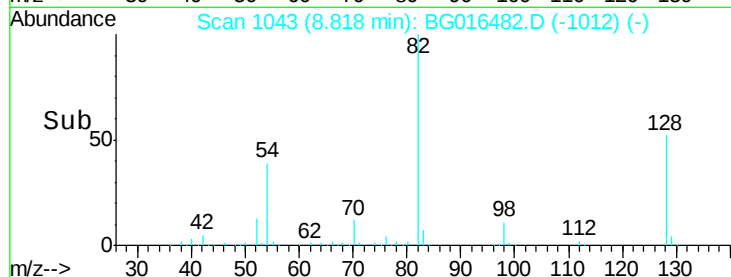
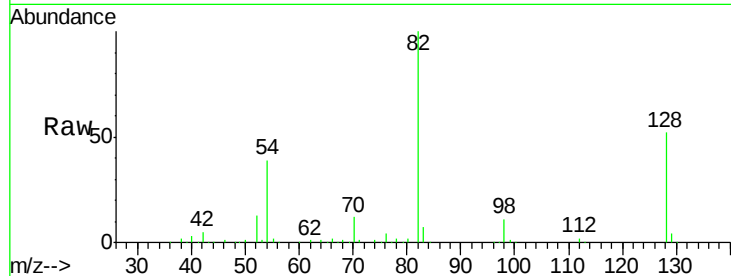




#23
Nitrobenzene-d5
Concen: 66.08 ng
RT: 8.82 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG016482.D
Acq: 17 Apr 2015 8:33

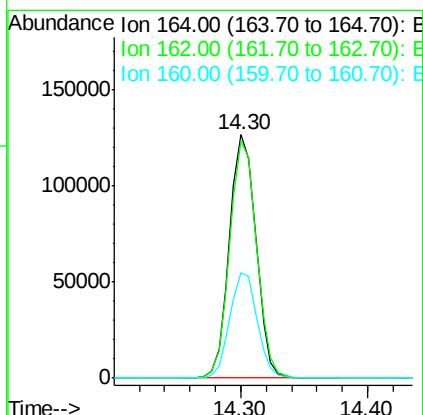
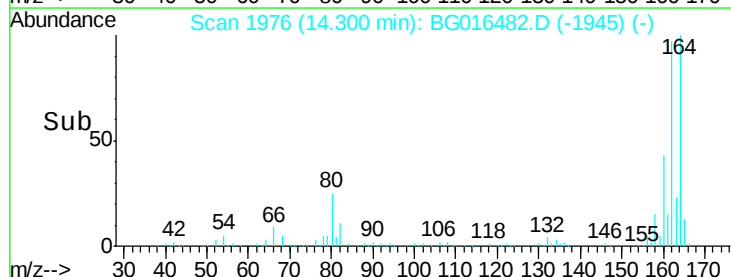
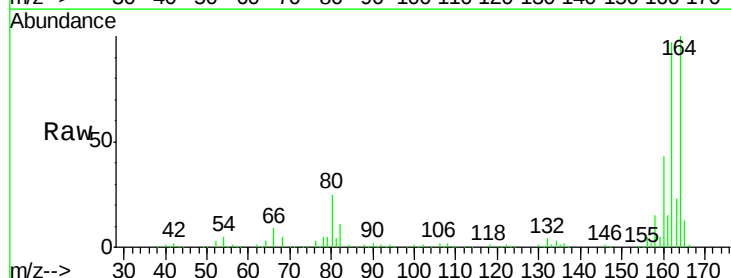
Instrument :
BNA_G
ClientSampleId :
LS-SB06B(5-5.5)

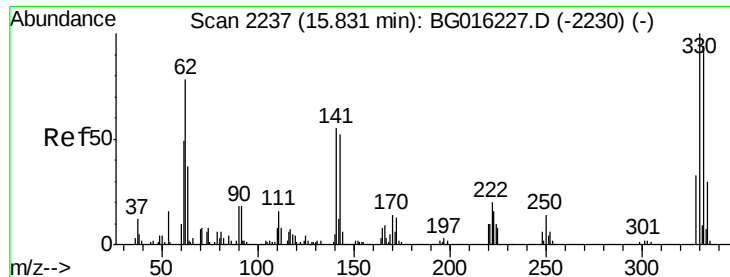
Tgt Ion: 82 Resp: 347946
Ion Ratio Lower Upper
82 100
128 52.1 37.8 56.8
54 38.6 32.6 49.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.30 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BG016482.D
Acq: 17 Apr 2015 8:33

Tgt Ion: 164 Resp: 181910
Ion Ratio Lower Upper
164 100
162 97.4 77.3 115.9
160 43.1 36.7 55.1

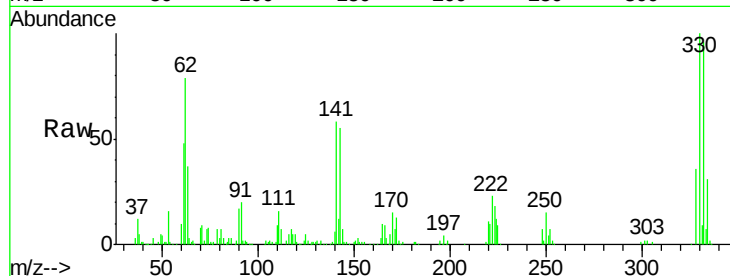




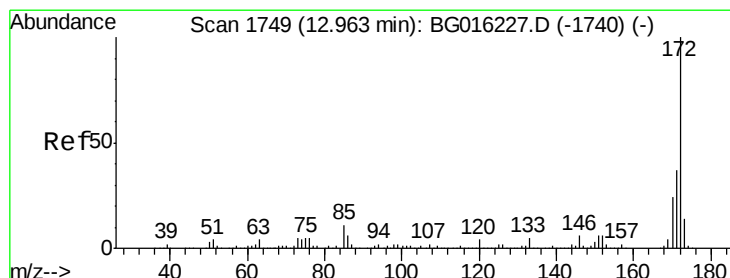
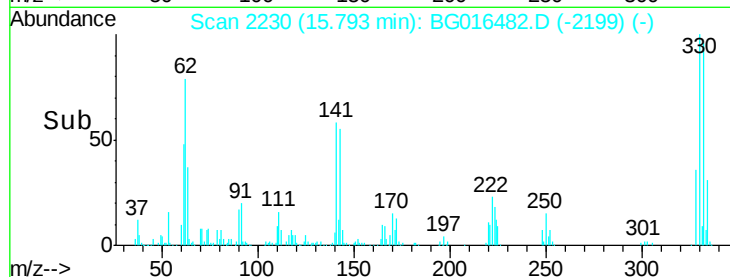
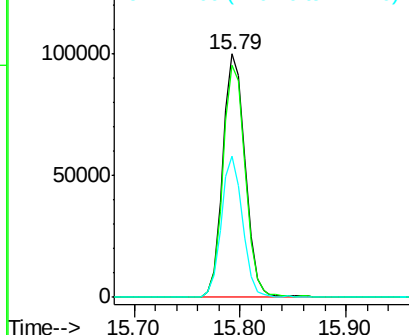
#41
 2,4,6-Tribromophenol
 Concen: 119.82 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.02 min
 Lab File: BG016482.D
 Acq: 17 Apr 2015 8:33

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB06B(5-5.5)

Tgt Ion:330 Resp: 147410
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.8 113.6
 141 54.9 46.6 69.8

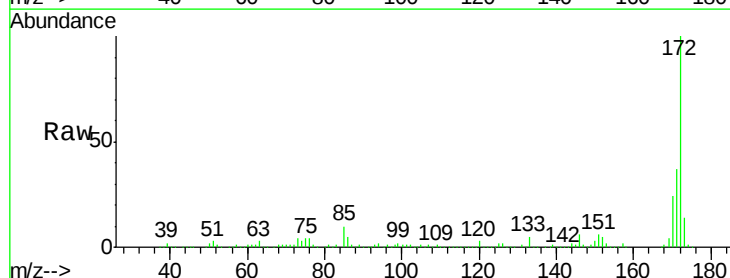


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

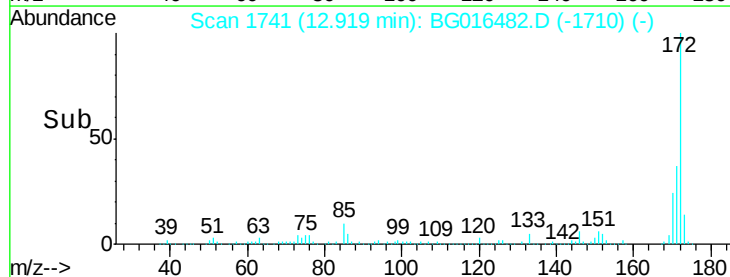
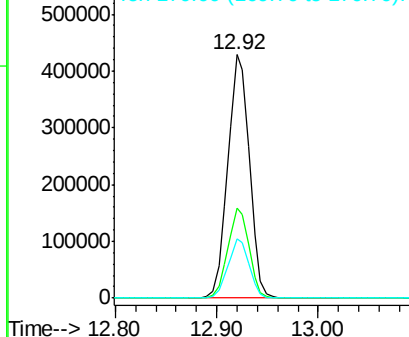


#44
 2-Fluorobiphenyl
 Concen: 59.19 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.02 min
 Lab File: BG016482.D
 Acq: 17 Apr 2015 8:33

Tgt Ion:172 Resp: 632392
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.4 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: 5.44 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG016482.D

Acq: 17 Apr 2015 8:33

Instrument :

BNA_G

ClientSampleId :

LS-SB06B(5-5.5)

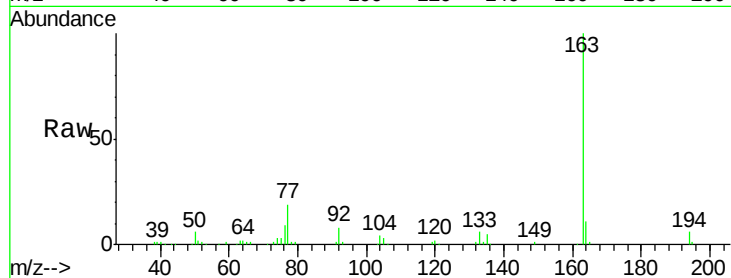
Tgt Ion:163 Resp: 72531

Ion Ratio Lower Upper

163 100

194 6.4 5.0 7.4

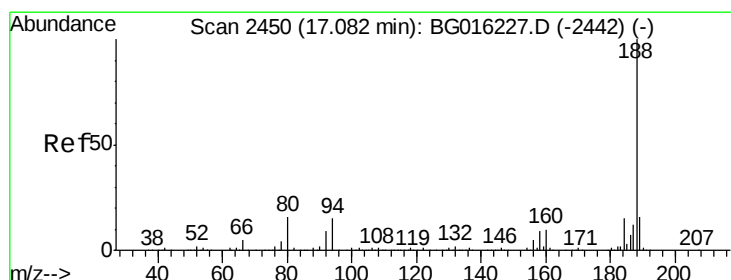
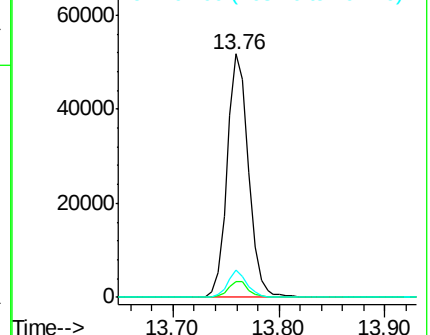
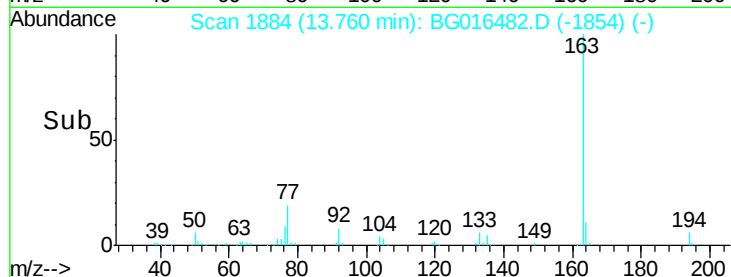
164 11.1 8.2 12.4



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: 17.04 min Scan# 2443

Delta R.T. -0.02 min

Lab File: BG016482.D

Acq: 17 Apr 2015 8:33

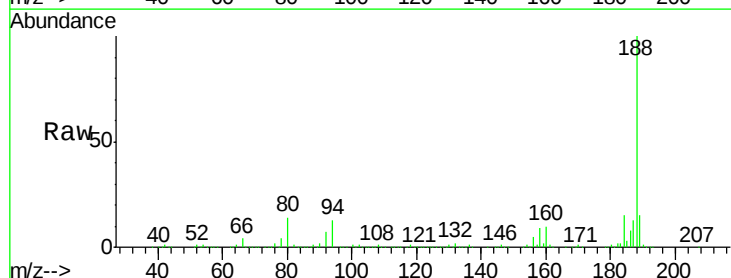
Tgt Ion:188 Resp: 396109

Ion Ratio Lower Upper

188 100

94 13.5 12.2 18.4

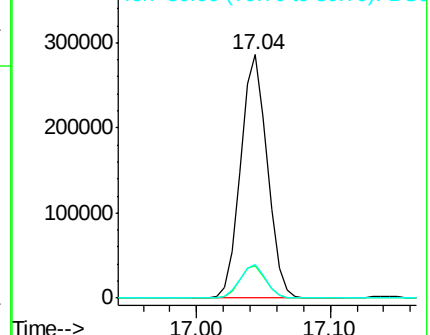
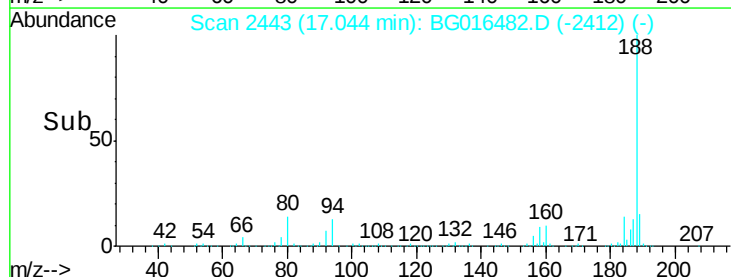
80 13.6 12.8 19.2

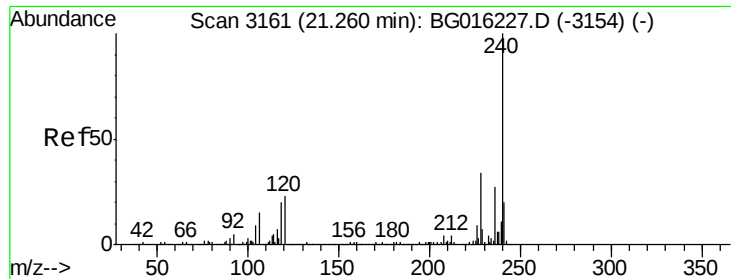


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.22 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG016482.D

Acq: 17 Apr 2015 8:33

Instrument :

BNA_G

ClientSampleId :

LS-SB06B(5-5.5)

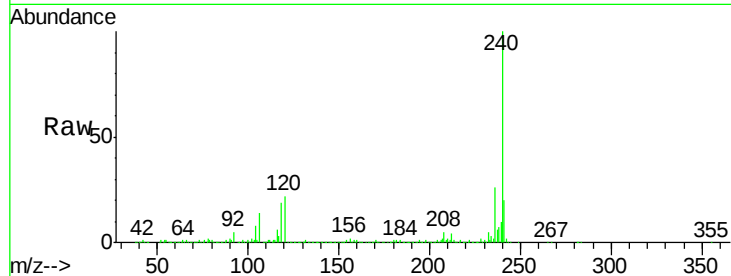
Tgt Ion:240 Resp: 353471

Ion Ratio Lower Upper

240 100

120 21.9 18.6 28.0

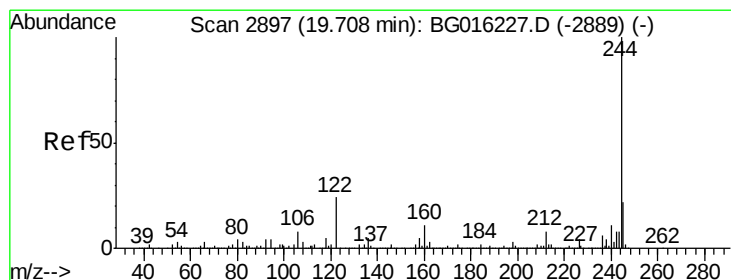
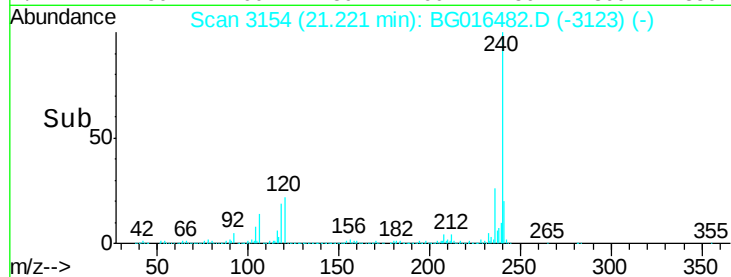
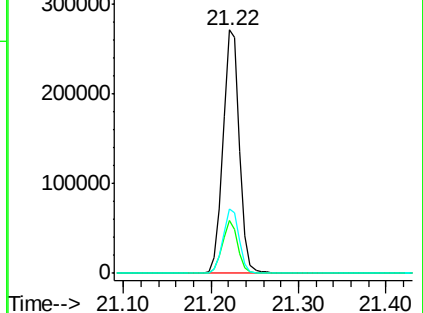
236 26.2 21.7 32.5



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: 55.74 ng

RT: 19.68 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BG016482.D

Acq: 17 Apr 2015 8:33

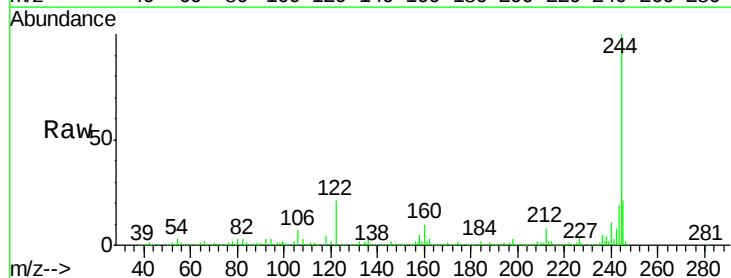
Tgt Ion:244 Resp: 841821

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

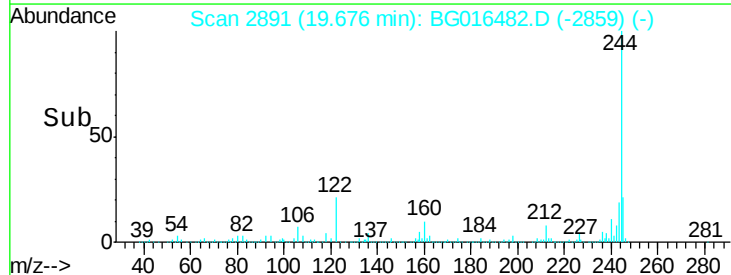
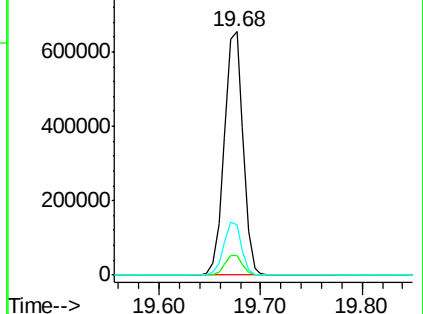
122 20.6 19.1 28.7

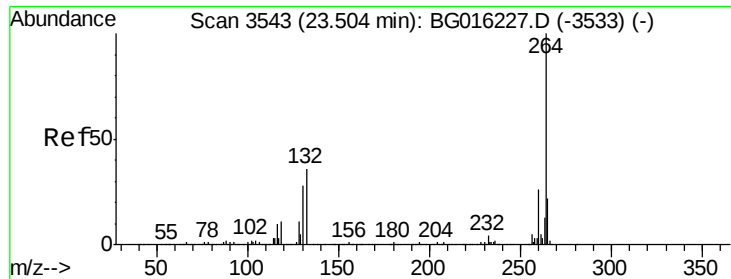


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

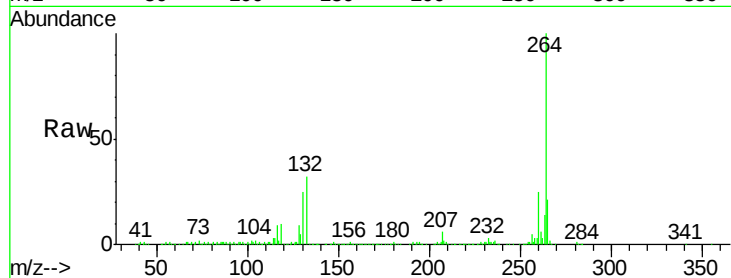




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG016482.D
Acq: 17 Apr 2015 8:33

Instrument :
BNA_G
ClientSampleId :
LS-SB06B(5-5.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	21.4	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

