

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016521.D
 Acq On : 18 Apr 2015 12:57
 Operator : TP/IZ
 Sample : G1902-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2015-0414

Quant Time: Apr 20 02:41:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 02:16:57 2015
 Response via : Initial Calibration

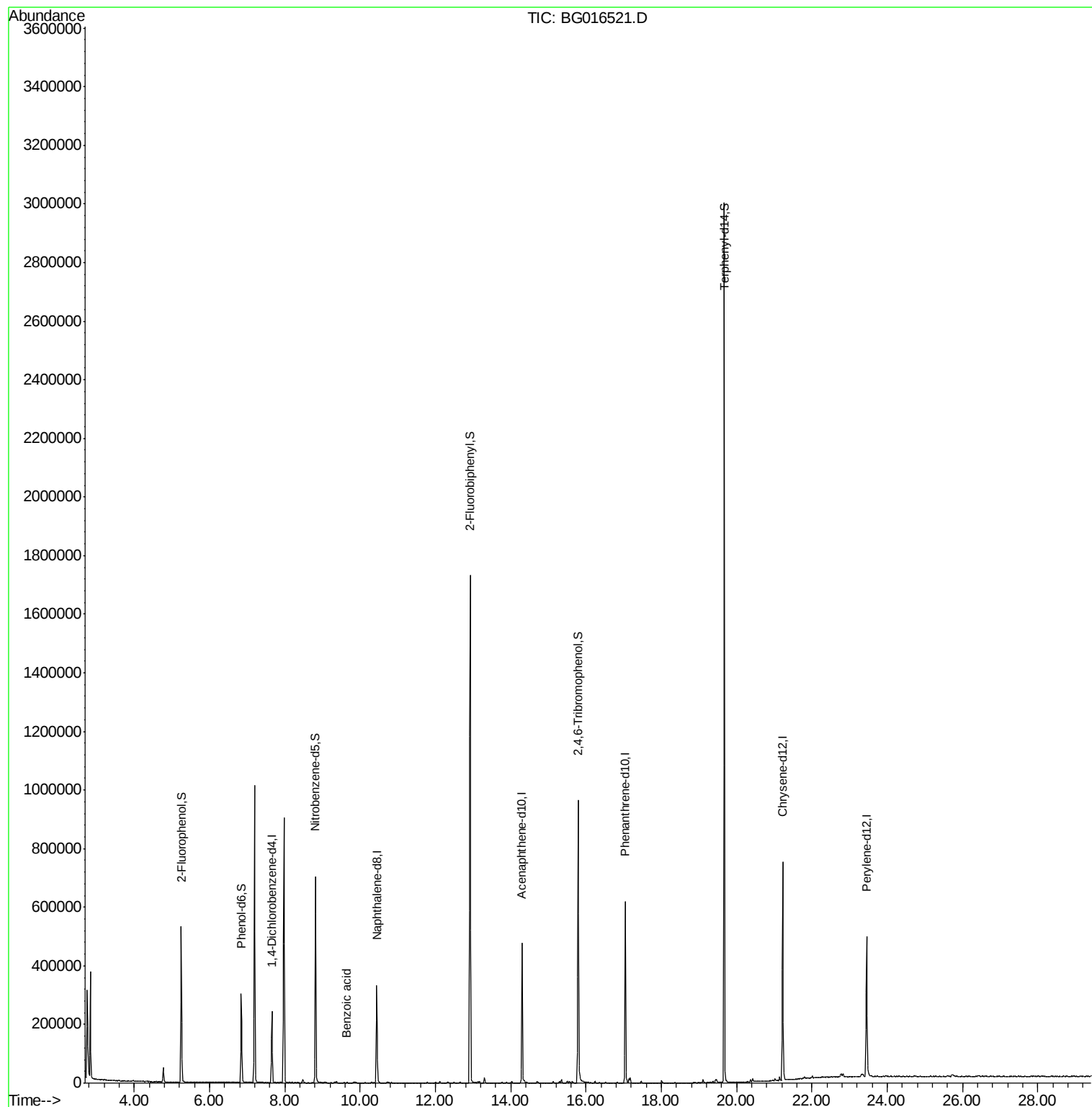
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	67874	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	288875	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	162588	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	346561	20.00	ng	0.00
75) Chrysene-d12	21.23	240	313900	20.00	ng	0.00
86) Perylene-d12	23.45	264	294224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	255290	59.36	ng	0.00
7) Phenol-d6	6.84	99	212178	32.86	ng	0.00
23) Nitrobenzene-d5	8.82	82	418366	83.90	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	144401	131.32	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	882111	92.37	ng	0.00
78) Terphenyl-d14	19.67	244	1050340	78.31	ng	0.00
Target Compounds						
32) Benzoic acid	9.64	122	947	8.99	ng	Qvalue # 11

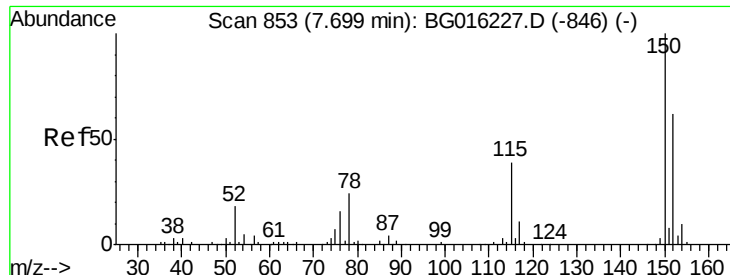
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG016521.D

Acq: 18 Apr 2015 12:57

Instrument :

BNA_G

ClientSampleId :

EB-2015-0414

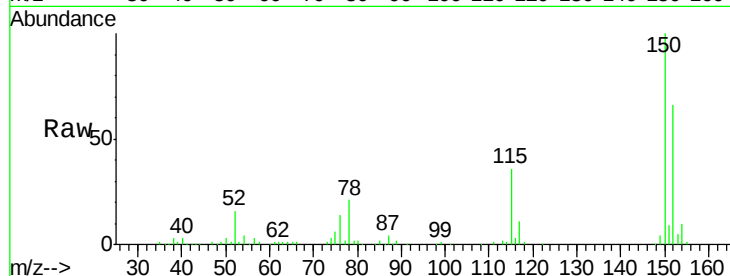
Tgt Ion:152 Resp: 67874

Ion Ratio Lower Upper

152 100

150 151.7 130.1 195.1

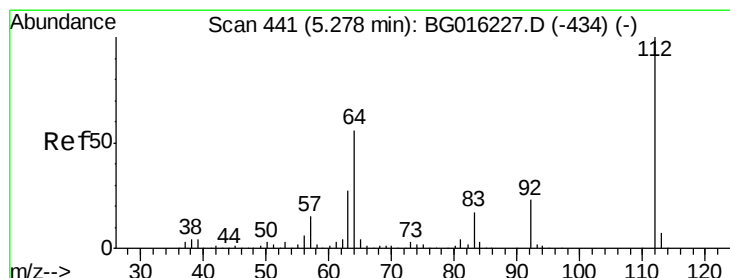
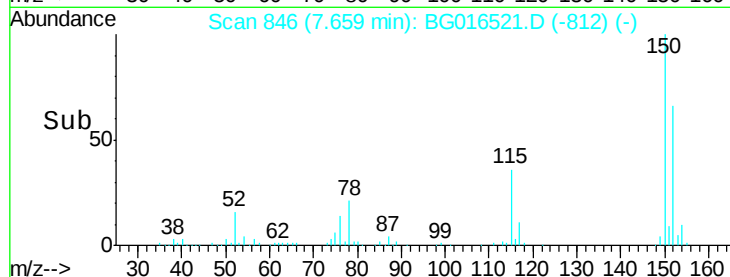
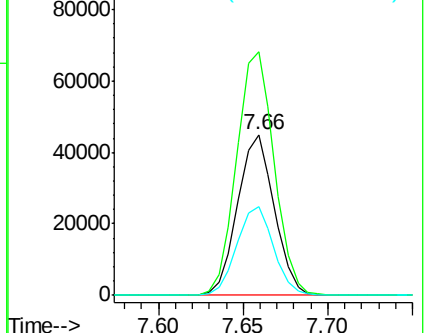
115 55.2 50.5 75.7



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: 59.36 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

Lab File: BG016521.D

Acq: 18 Apr 2015 12:57

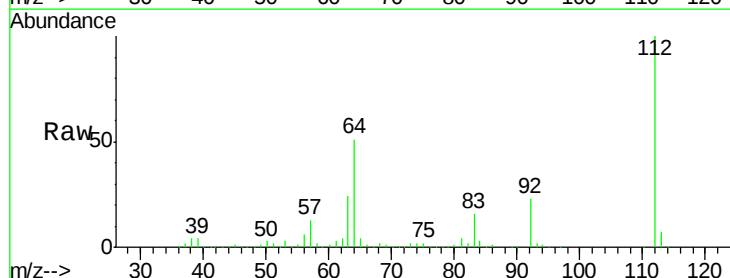
Tgt Ion:112 Resp: 255290

Ion Ratio Lower Upper

112 100

64 51.0 44.5 66.7

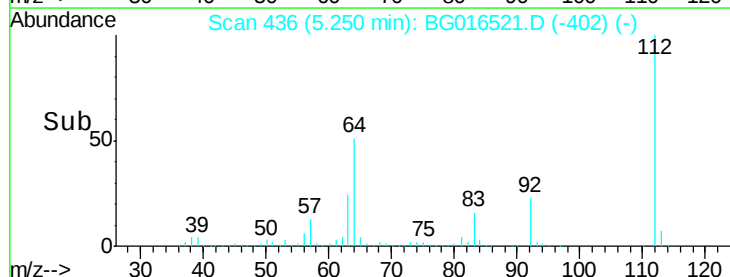
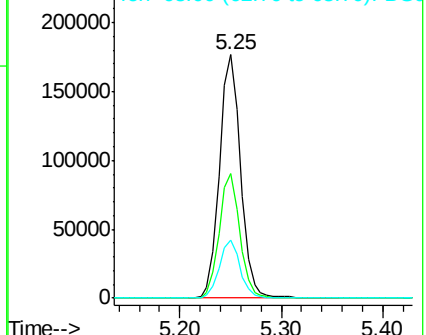
63 24.0 21.4 32.0



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: 32.86 ng

RT: 6.84 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG016521.D

Acq: 18 Apr 2015 12:57

Instrument :

BNA_G

ClientSampleId :

EB-2015-0414

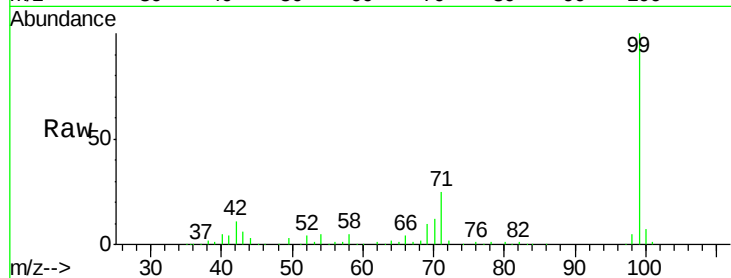
Tgt Ion: 99 Resp: 212178

Ion Ratio Lower Upper

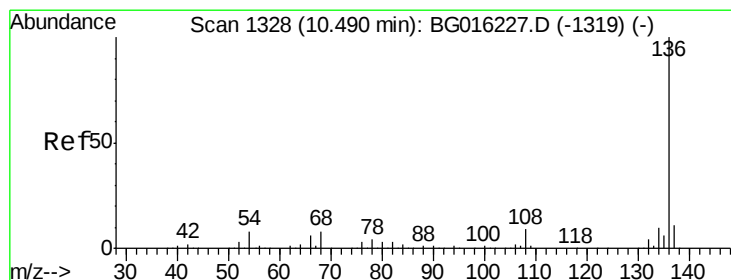
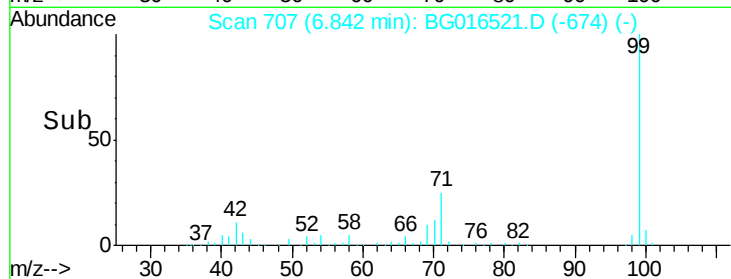
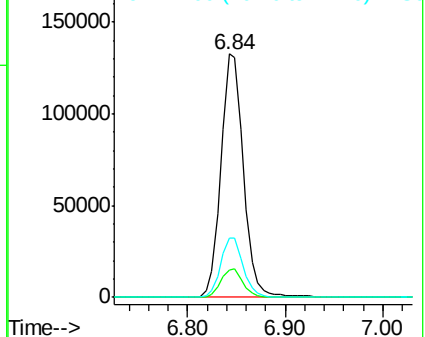
99 100

42 11.2 10.0 15.0

71 24.6 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: 10.44 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG016521.D

Acq: 18 Apr 2015 12:57

Tgt Ion: 136 Resp: 288875

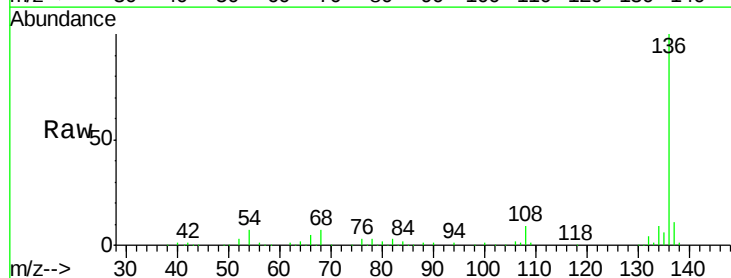
Ion Ratio Lower Upper

136 100

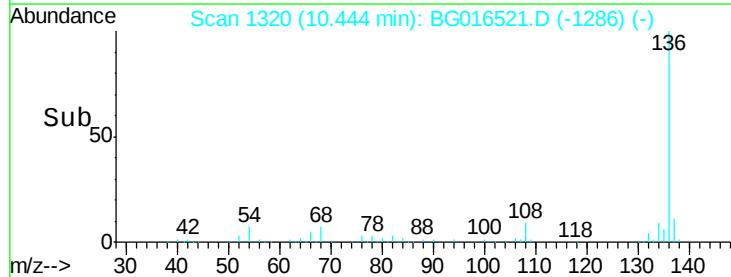
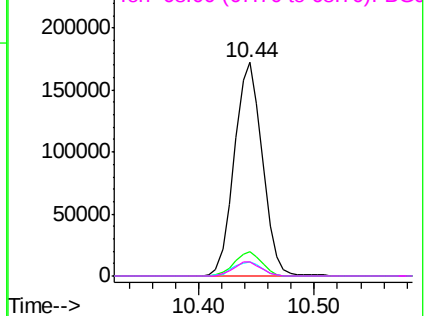
137 11.5 8.7 13.1

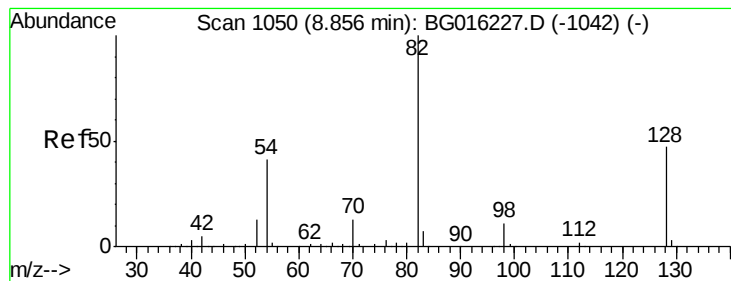
54 6.8 6.3 9.5

68 6.9 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: 83.90 ng

RT: 8.82 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BG016521.D

Acq: 18 Apr 2015 12:57

Instrument :

BNA_G

ClientSampleId :

EB-2015-0414

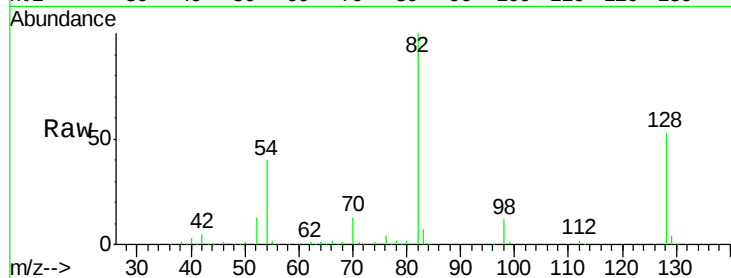
Tgt Ion: 82 Resp: 418366

Ion Ratio Lower Upper

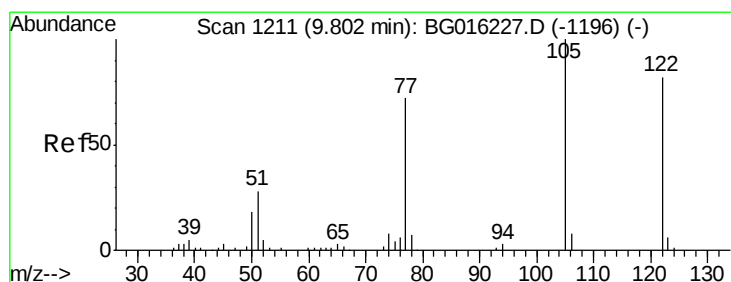
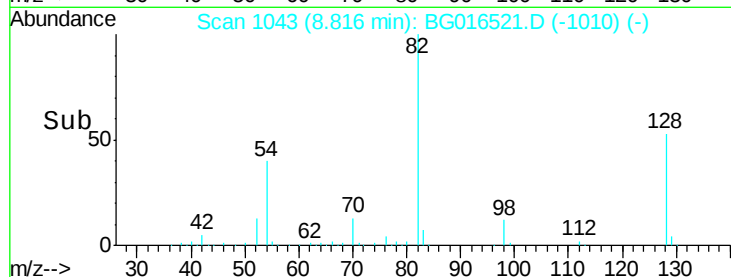
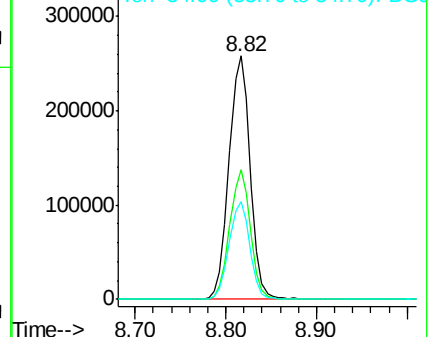
82 100

128 53.0 37.8 56.8

54 40.0 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



#32

Benzoic acid

Concen: 8.99 ng

RT: 9.64 min Scan# 1184

Delta R.T. -0.15 min

Lab File: BG016521.D

Acq: 18 Apr 2015 12:57

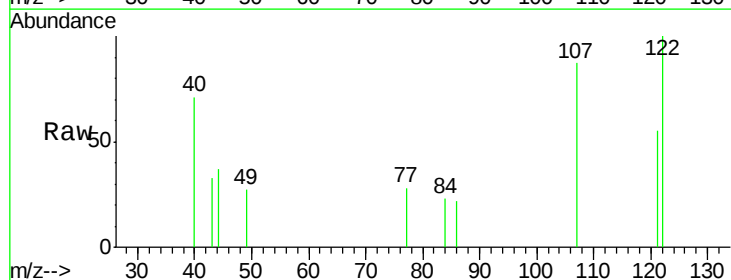
Tgt Ion: 122 Resp: 947

Ion Ratio Lower Upper

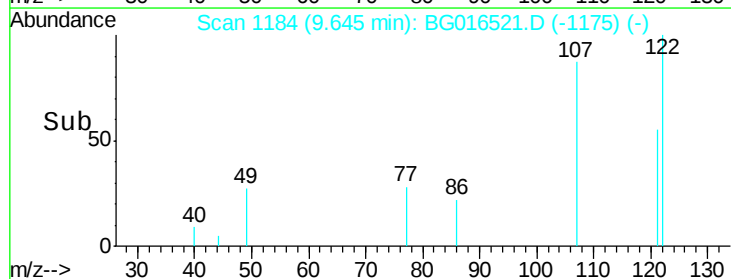
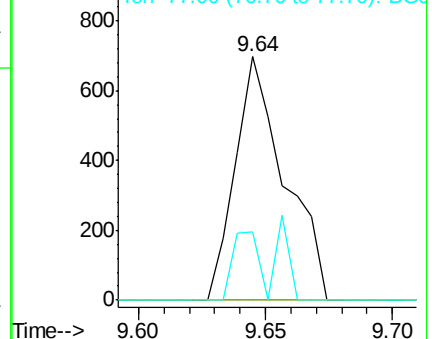
122 100

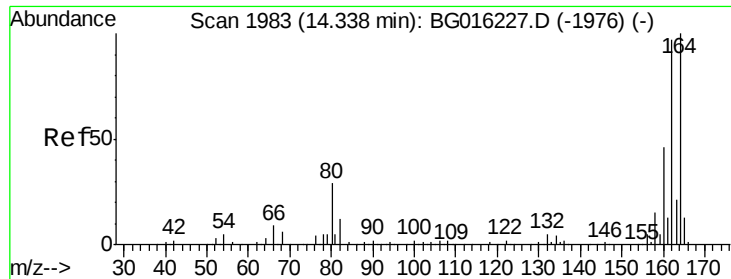
105 0.0 99.7 139.7#

77 28.1 66.8 106.8#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.30 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG016521.D

Acq: 18 Apr 2015 12:57

Instrument :

BNA_G

ClientSampleId :

EB-2015-0414

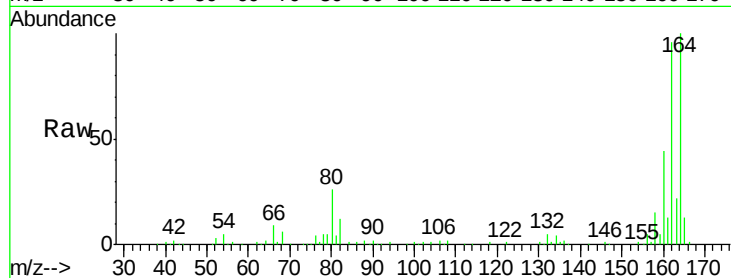
Tgt Ion:164 Resp: 162588

Ion Ratio Lower Upper

164 100

162 96.2 77.3 115.9

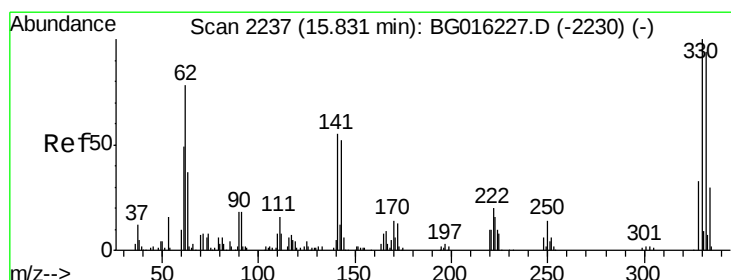
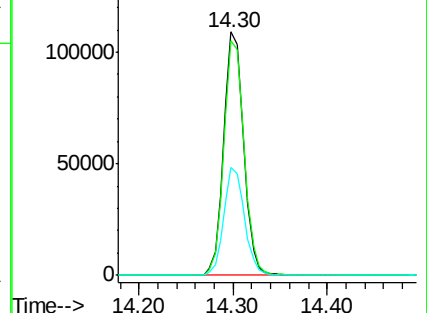
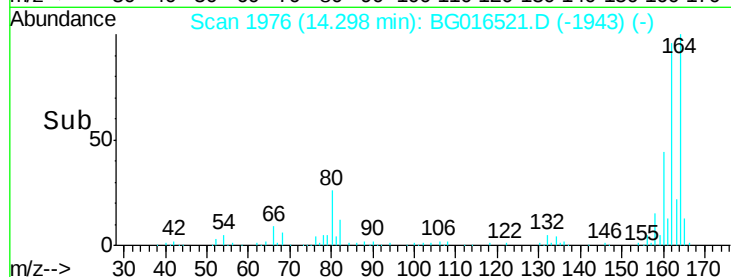
160 44.1 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 131.32 ng

RT: 15.80 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BG016521.D

Acq: 18 Apr 2015 12:57

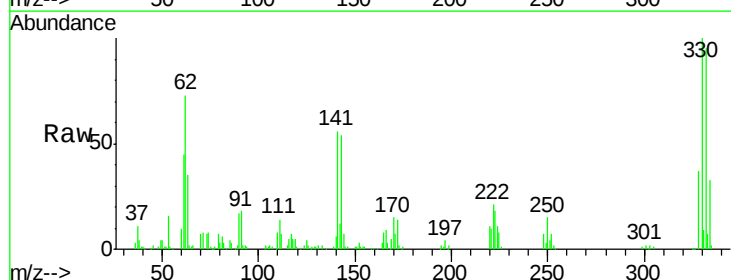
Tgt Ion:330 Resp: 144401

Ion Ratio Lower Upper

330 100

332 94.9 75.8 113.6

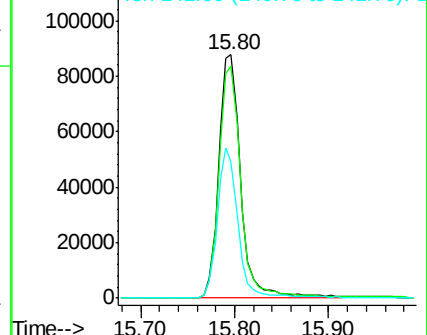
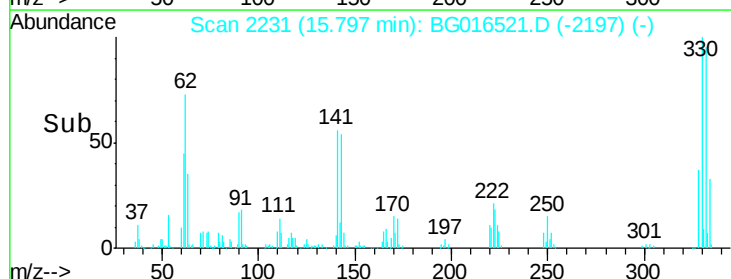
141 58.7 46.6 69.8

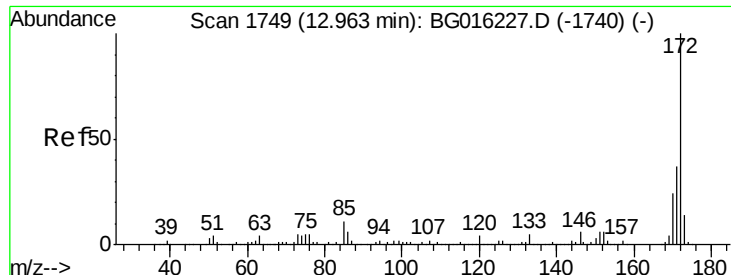


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

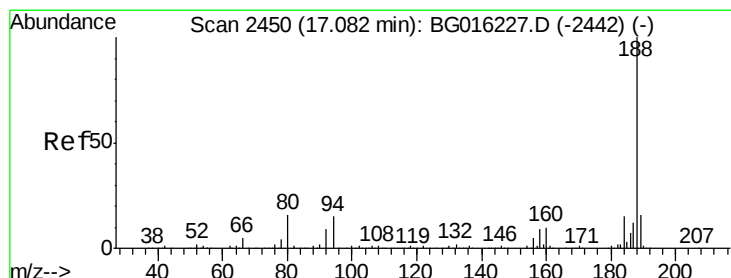
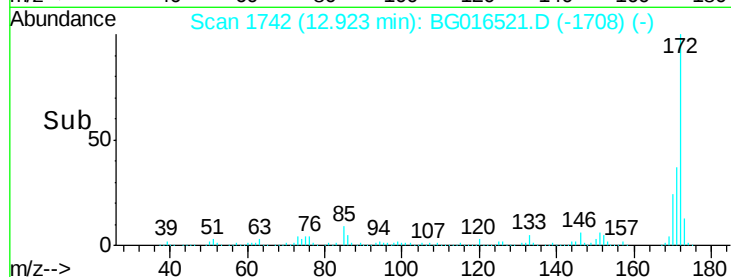
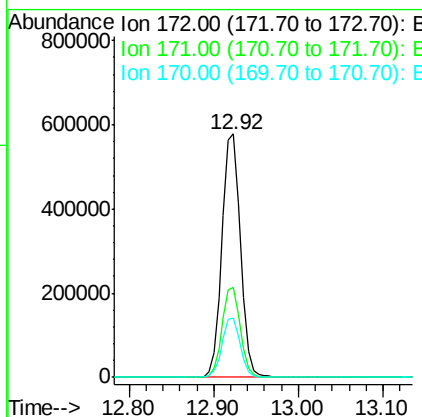
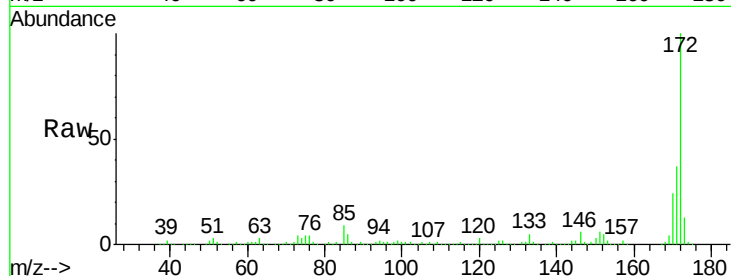




#44
 2-Fluorobiphenyl
 Concen: 92.37 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG016521.D
 Acq: 18 Apr 2015 12:57

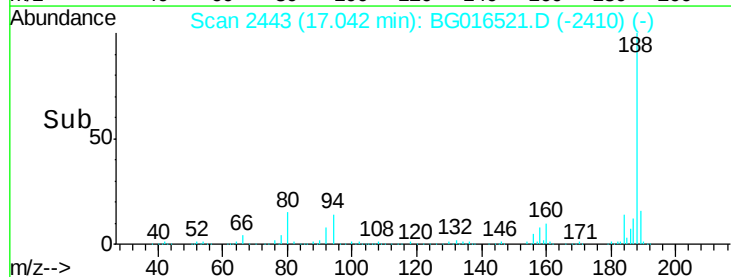
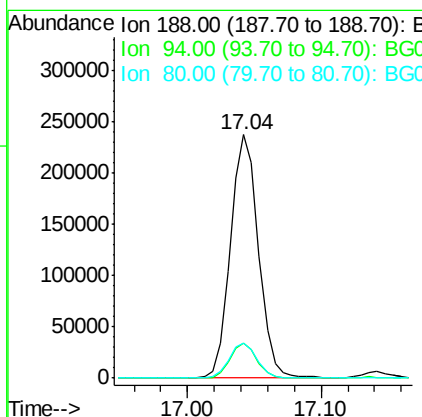
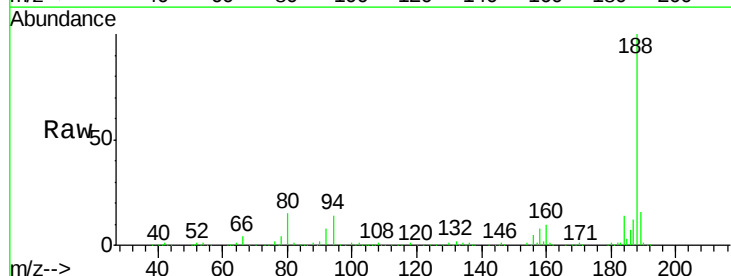
Instrument :
 BNA_G
 ClientSampleId :
 EB-2015-0414

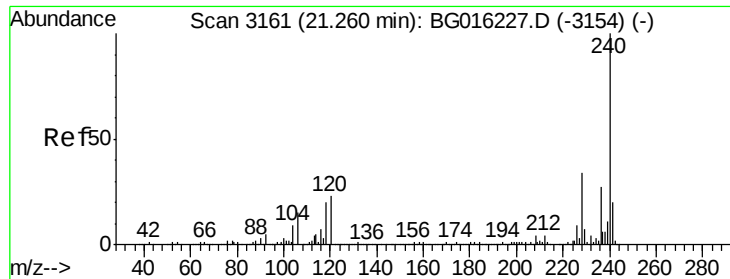
Tgt Ion:172 Resp: 882111
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.2 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.04 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG016521.D
 Acq: 18 Apr 2015 12:57

Tgt Ion:188 Resp: 346561
 Ion Ratio Lower Upper
 188 100
 94 14.3 12.2 18.4
 80 14.5 12.8 19.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG016521.D

Acq: 18 Apr 2015 12:57

Instrument :

BNA_G

ClientSampleId :

EB-2015-0414

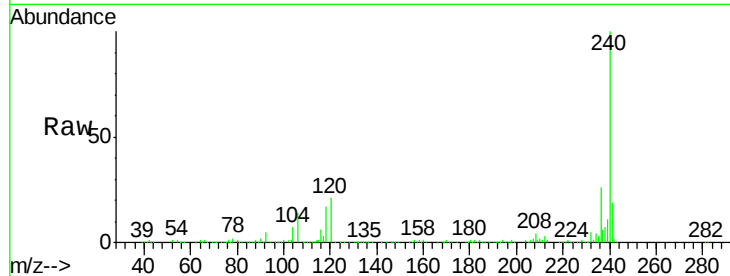
Tgt Ion:240 Resp: 313900

Ion Ratio Lower Upper

240 100

120 20.7 18.6 28.0

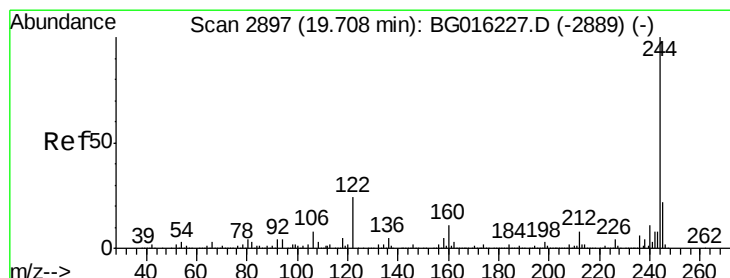
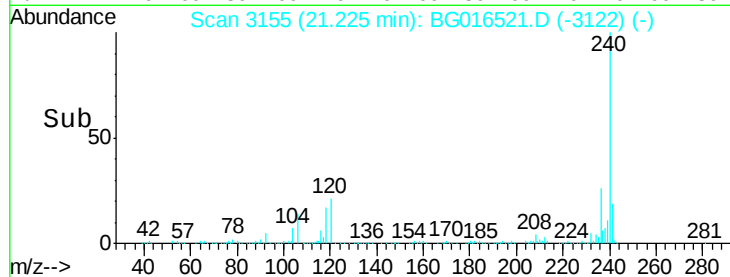
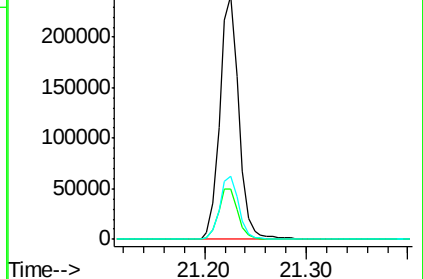
236 25.8 21.7 32.5



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: 78.31 ng

RT: 19.67 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG016521.D

Acq: 18 Apr 2015 12:57

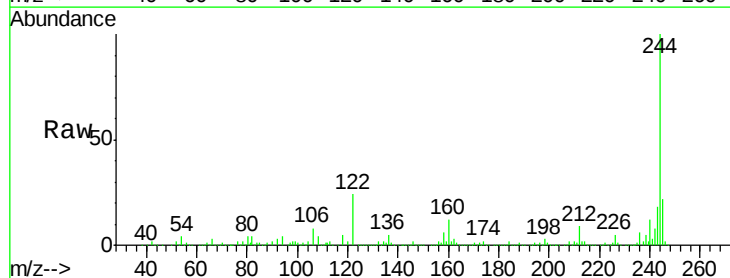
Tgt Ion:244 Resp: 1050340

Ion Ratio Lower Upper

244 100

212 9.0 6.6 9.8

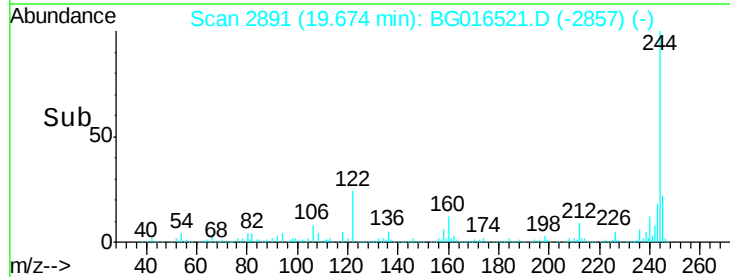
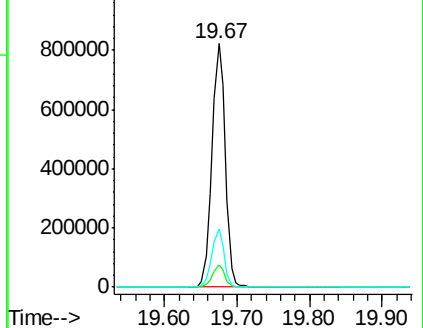
122 23.8 19.1 28.7

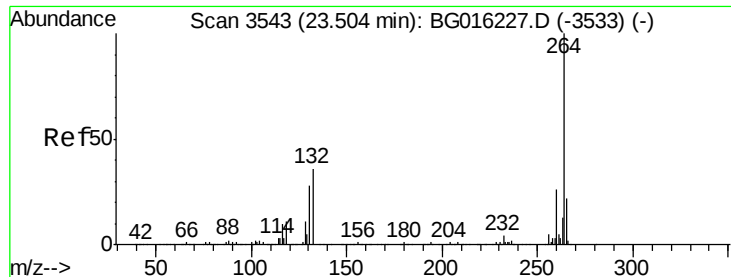


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

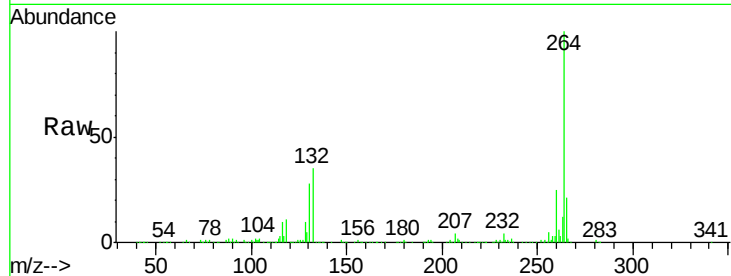




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG016521.D
Acq: 18 Apr 2015 12:57

Instrument :
BNA_G
ClientSampleId :
EB-2015-0414

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	21.2	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

