

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040915\
 Data File : BG016305.D
 Acq On : 10 Apr 2015 1:28
 Operator : TP/IZ
 Sample : PB82620BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82620BL

Quant Time: Apr 10 03:50:42 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

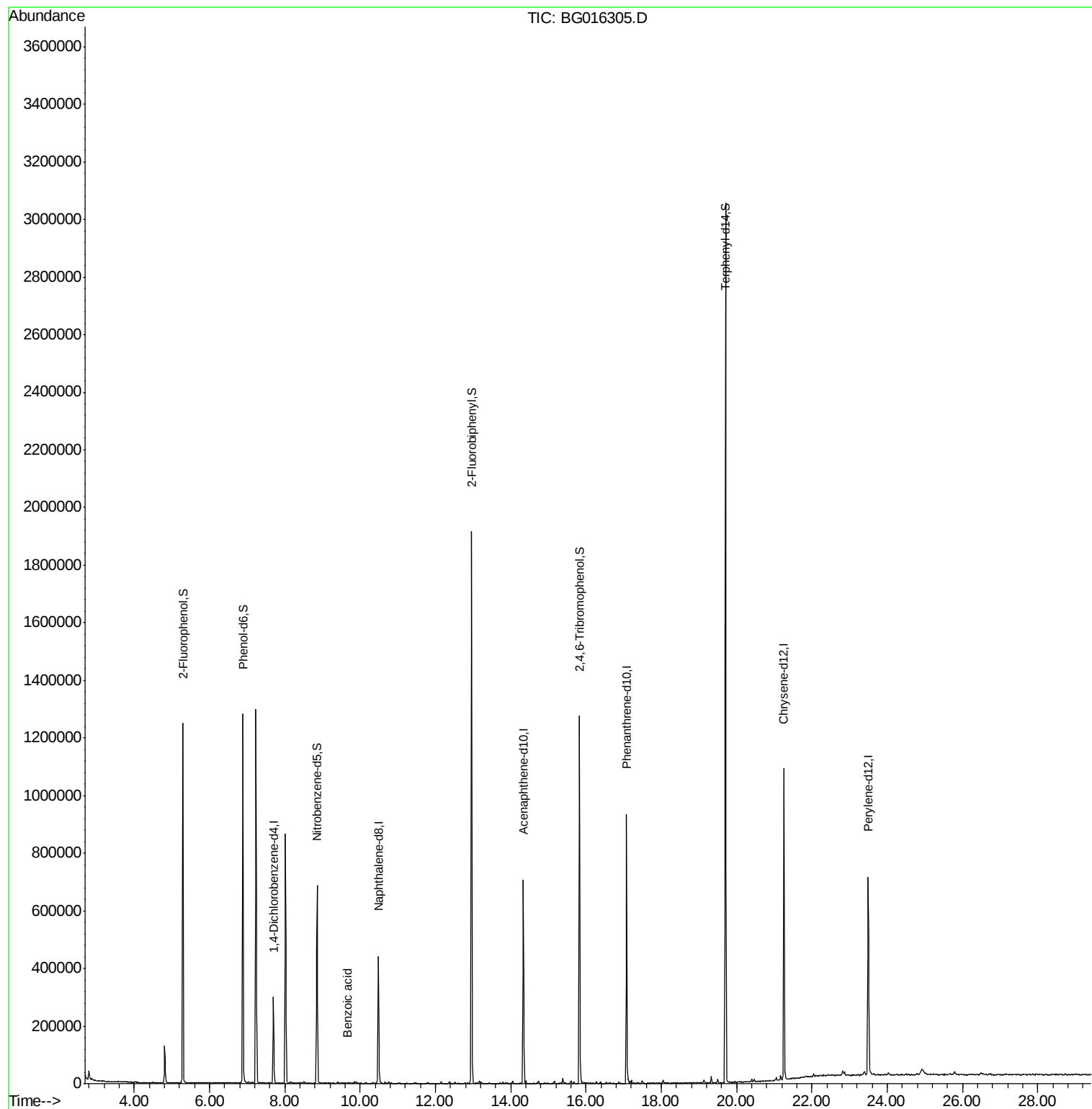
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	81898	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	376557	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	226134	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	491821	20.00	ng	0.00
75) Chrysene-d12	21.25	240	431994	20.00	ng	0.00
86) Perylene-d12	23.50	264	393391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	579538	111.68	ng	0.01
7) Phenol-d6	6.89	99	843339	108.26	ng	0.02
23) Nitrobenzene-d5	8.86	82	415324	63.89	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	169141	110.60	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	876378	65.98	ng	0.00
78) Terphenyl-d14	19.71	244	1120158	60.69	ng	0.00
Target Compounds						
32) Benzoic acid	9.68	122	1568	9.06	ng	Qvalue # 14

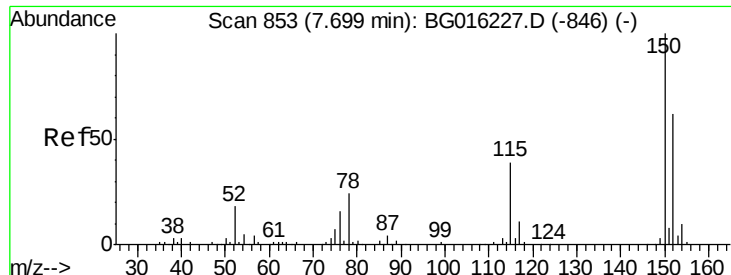
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

Instrument :

BNA_G

ClientSampleId :

PB82620BL

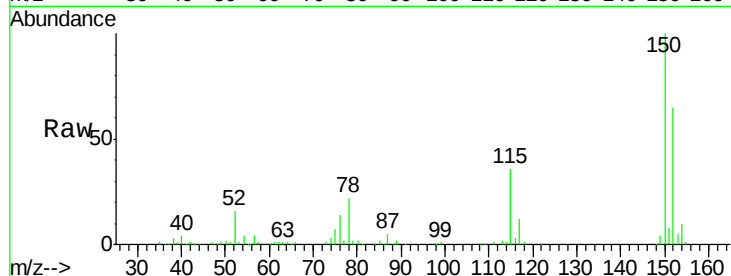
Tgt Ion:152 Resp: 81898

Ion Ratio Lower Upper

152 100

150 154.3 130.1 195.1

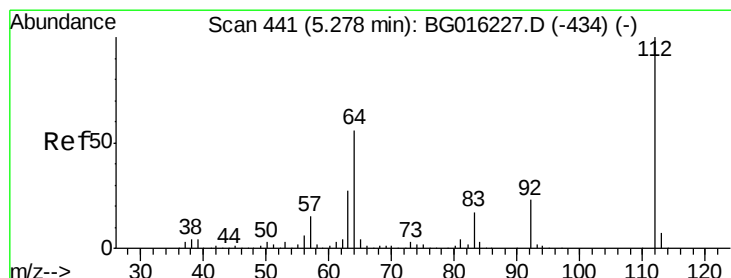
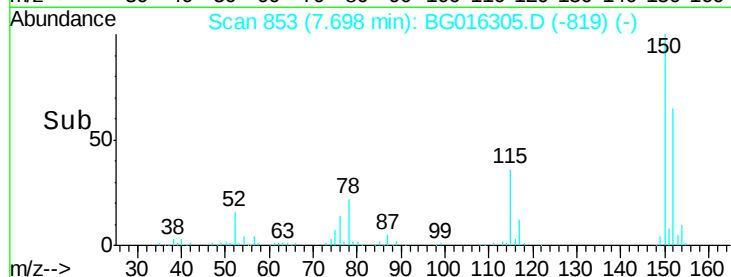
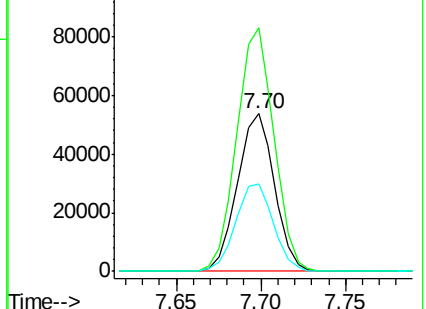
115 55.5 50.5 75.7



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: 111.68 ng

RT: 5.29 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

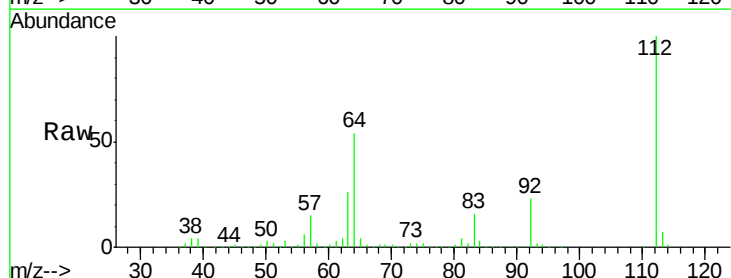
Tgt Ion:112 Resp: 579538

Ion Ratio Lower Upper

112 100

64 54.1 44.5 66.7

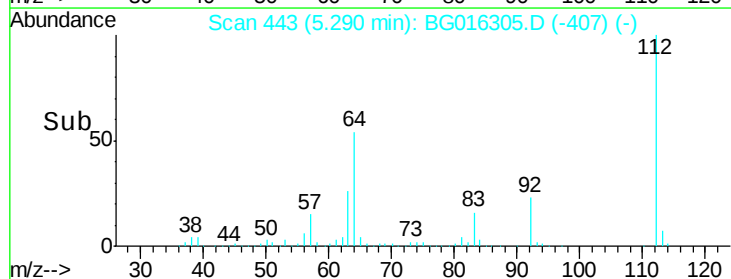
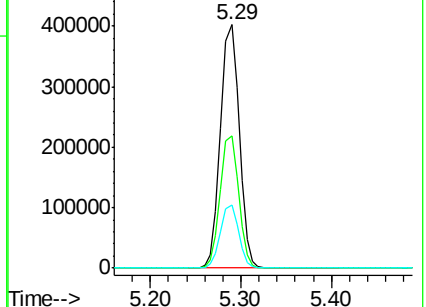
63 26.0 21.4 32.0

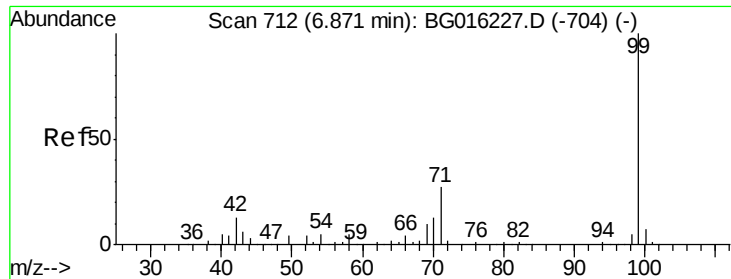


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.26 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.02 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

Instrument :

BNA_G

ClientSampleId :

PB82620BL

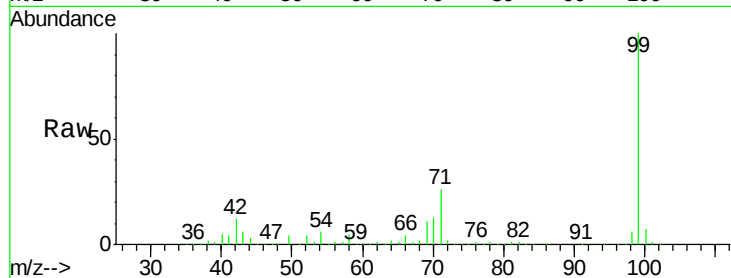
Tgt Ion: 99 Resp: 843339

Ion Ratio Lower Upper

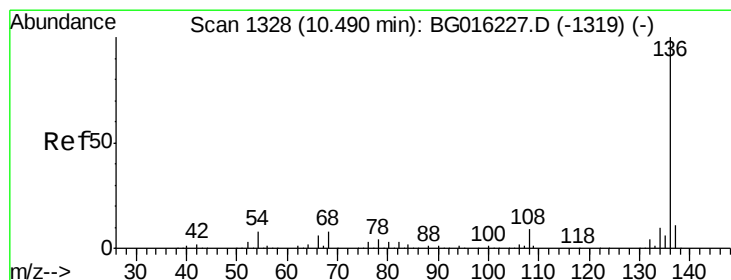
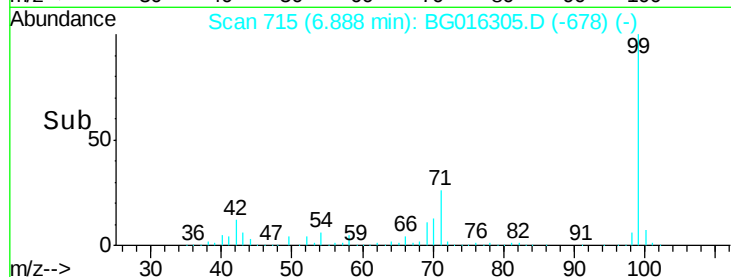
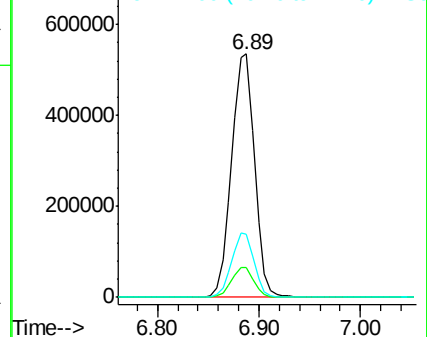
99 100

42 12.1 10.0 15.0

71 26.1 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: 10.48 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

Tgt Ion: 136 Resp: 376557

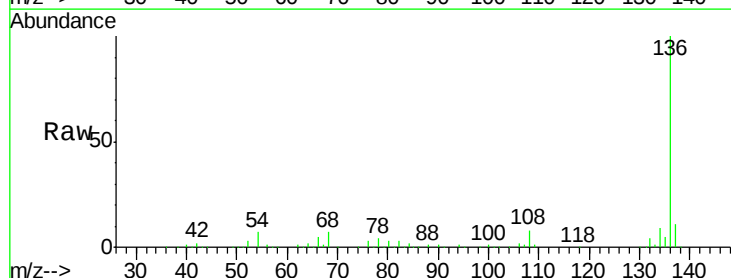
Ion Ratio Lower Upper

136 100

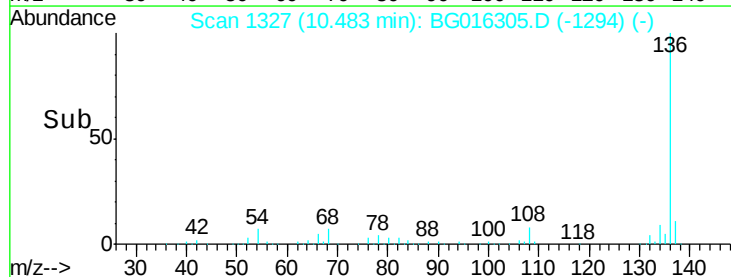
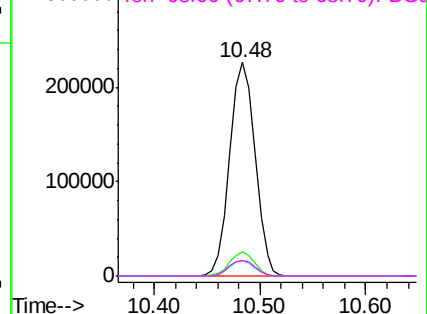
137 11.2 8.7 13.1

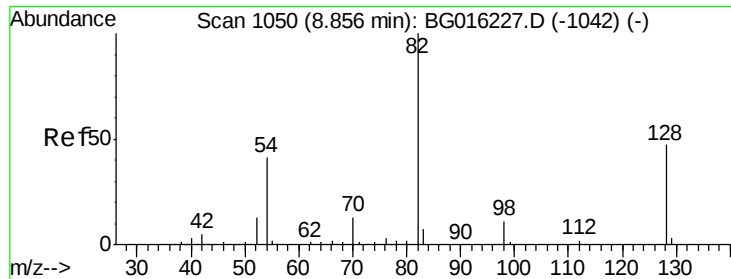
54 7.2 6.3 9.5

68 7.4 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

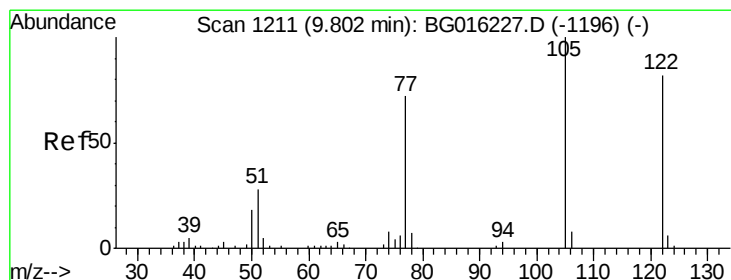
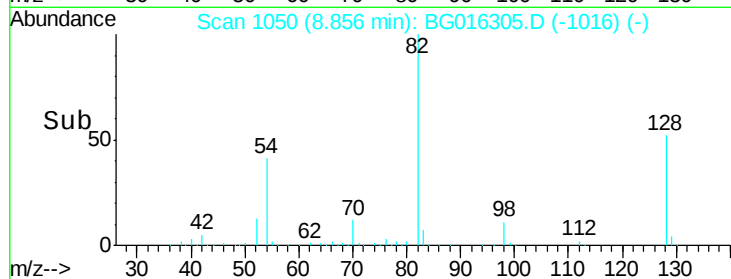
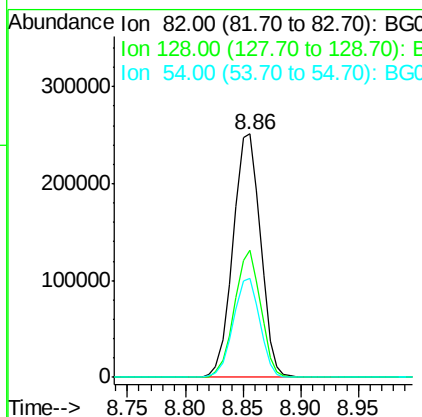
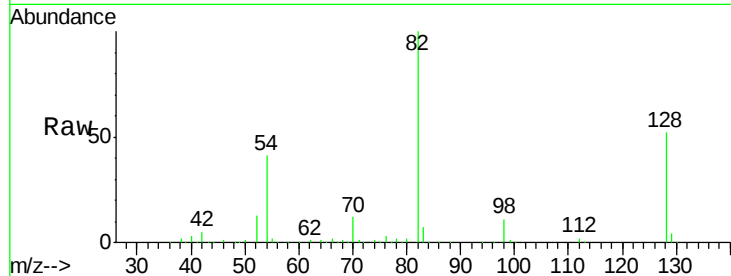




#23
 Nitrobenzene-d5
 Concen: 63.89 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG016305.D
 Acq: 10 Apr 2015 1:28

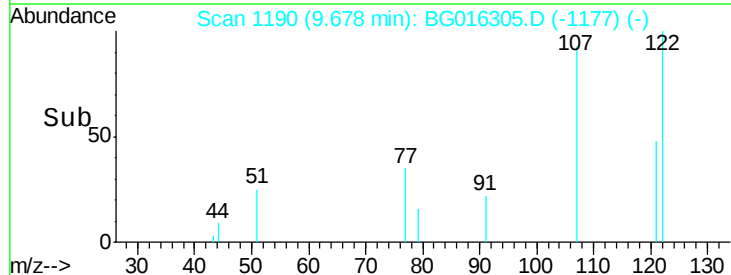
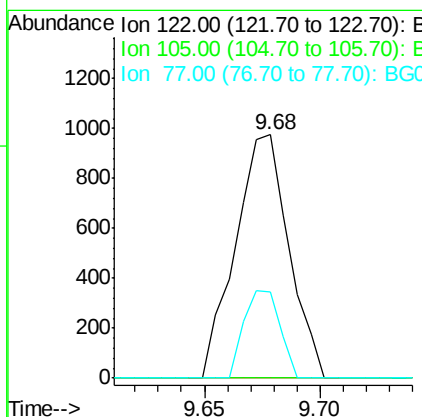
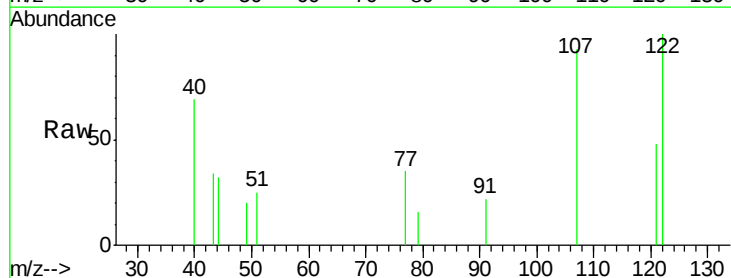
Instrument :
 BNA_G
 ClientSampleId :
 PB82620BL

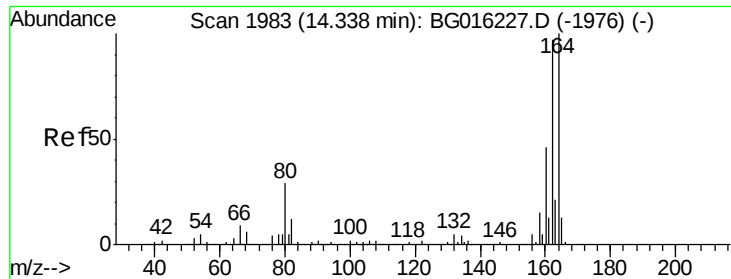
Tgt Ion: 82 Resp: 415324
 Ion Ratio Lower Upper
 82 100
 128 52.3 37.8 56.8
 54 40.8 32.6 49.0



#32
 Benzoic acid
 Concen: 9.06 ng
 RT: 9.68 min Scan# 1190
 Delta R.T. -0.12 min
 Lab File: BG016305.D
 Acq: 10 Apr 2015 1:28

Tgt Ion: 122 Resp: 1568
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.7 139.7#
 77 35.5 66.8 106.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

Instrument :

BNA_G

ClientSampleId :

PB82620BL

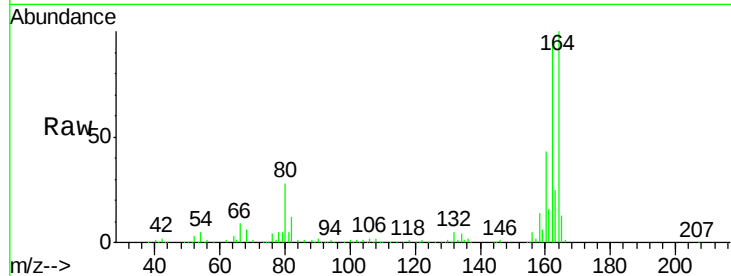
Tgt Ion:164 Resp: 226134

Ion Ratio Lower Upper

164 100

162 95.8 77.3 115.9

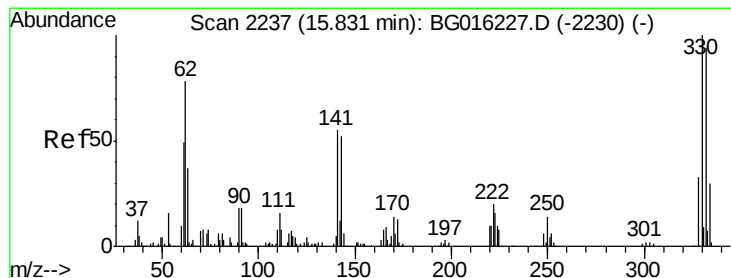
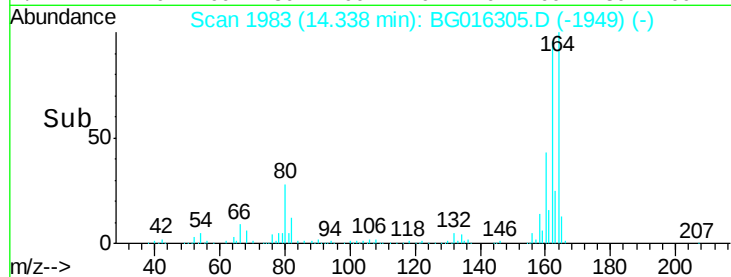
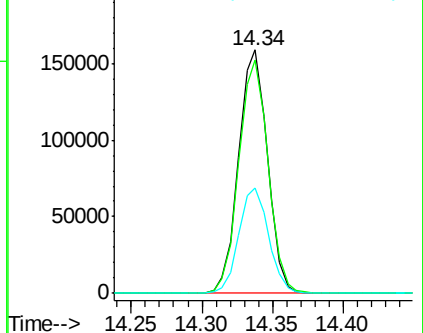
160 43.4 36.7 55.1



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: 110.60 ng

RT: 15.83 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

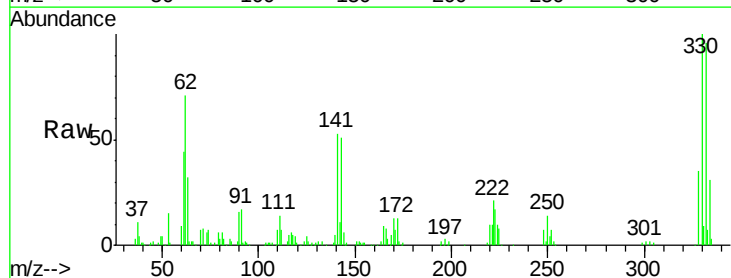
Tgt Ion:330 Resp: 169141

Ion Ratio Lower Upper

330 100

332 95.1 75.8 113.6

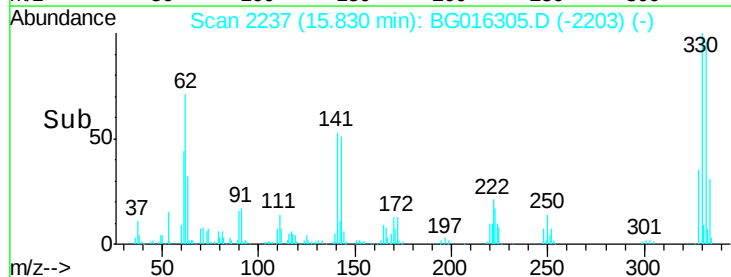
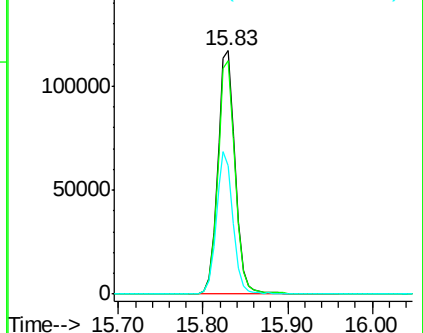
141 56.1 46.6 69.8

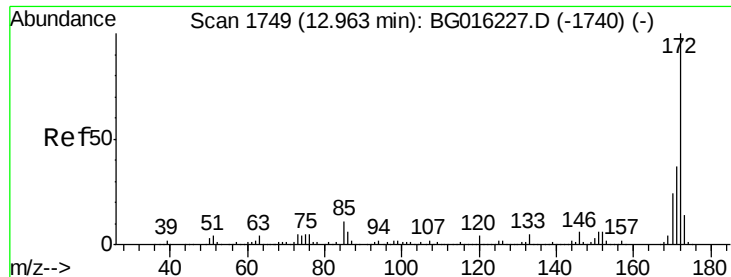


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

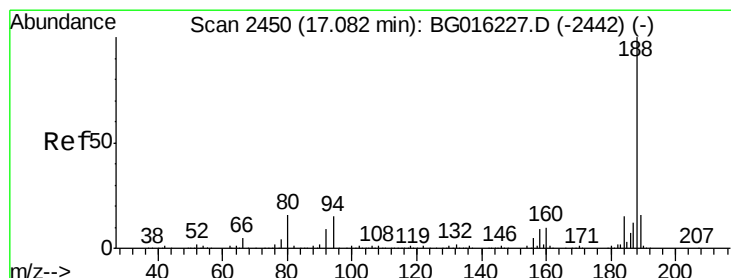
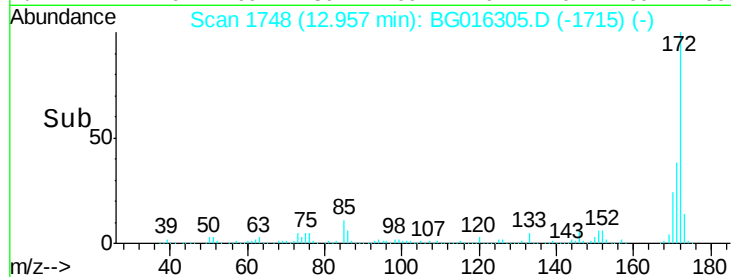
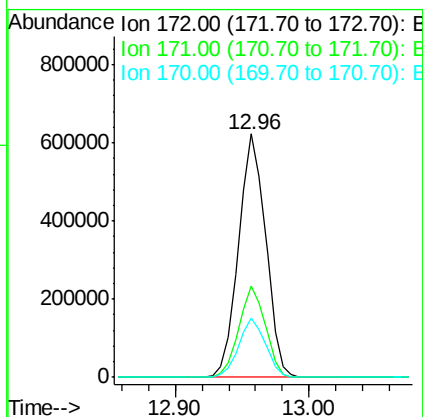
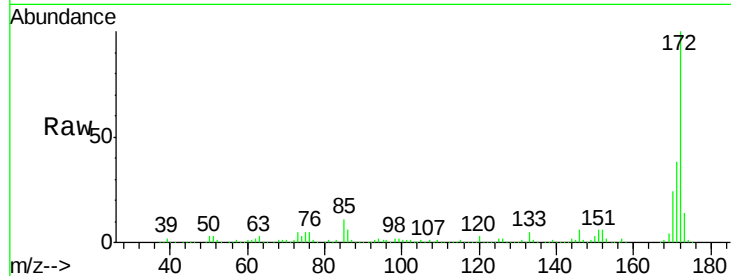




#44
 2-Fluorobiphenyl
 Concen: 65.98 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG016305.D
 Acq: 10 Apr 2015 1:28

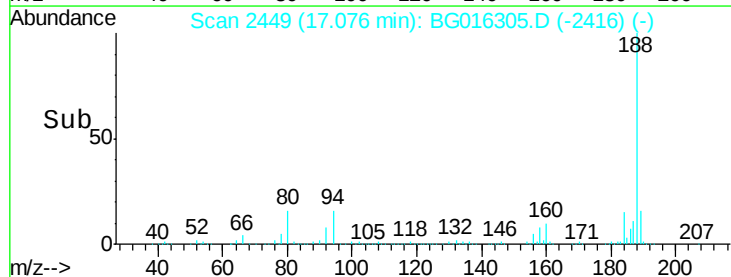
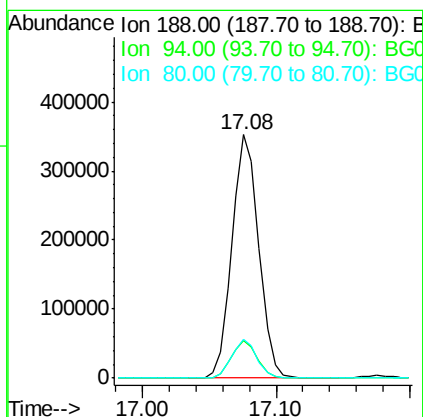
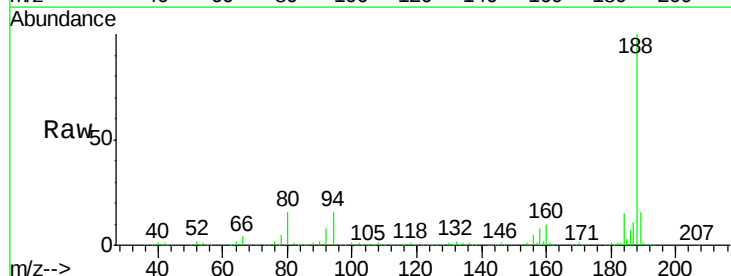
Instrument :
 BNA_G
 ClientSampleId :
 PB82620BL

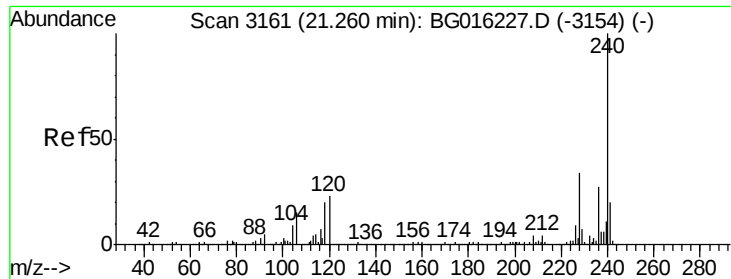
Tgt Ion:172 Resp: 876378
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.6 44.4
 170 24.5 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.08 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG016305.D
 Acq: 10 Apr 2015 1:28

Tgt Ion:188 Resp: 491821
 Ion Ratio Lower Upper
 188 100
 94 15.5 12.2 18.4
 80 16.1 12.8 19.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

Instrument :

BNA_G

ClientSampleId :

PB82620BL

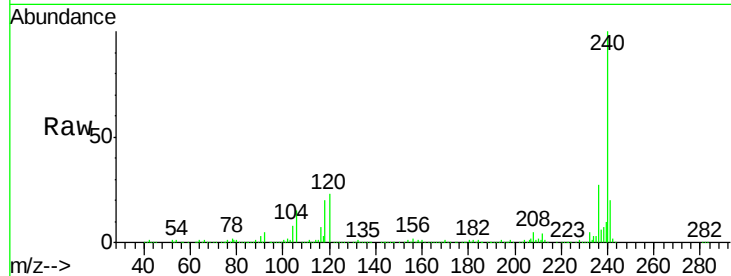
Tgt Ion:240 Resp: 431994

Ion Ratio Lower Upper

240 100

120 23.2 18.6 28.0

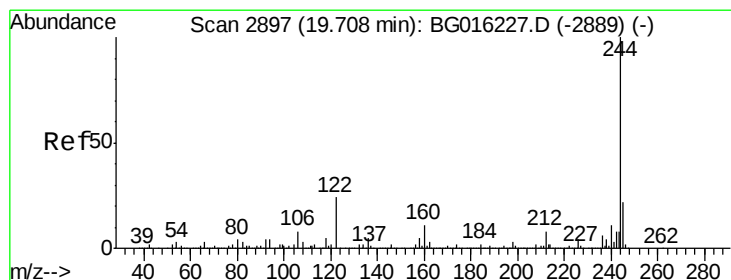
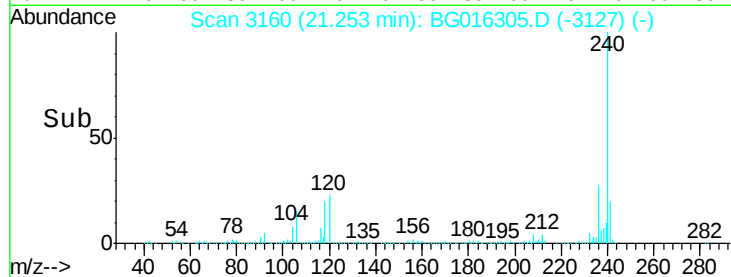
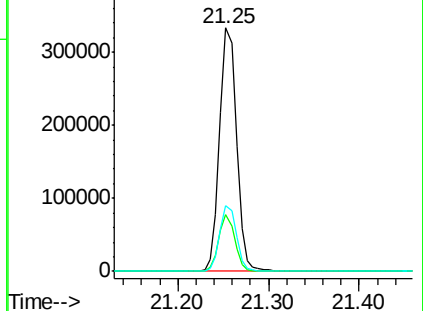
236 27.0 21.7 32.5



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: 60.69 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

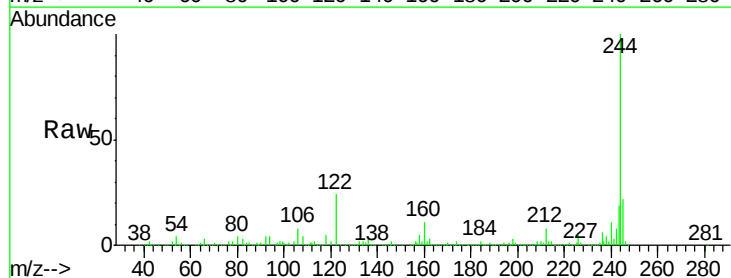
Tgt Ion:244 Resp: 1120158

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

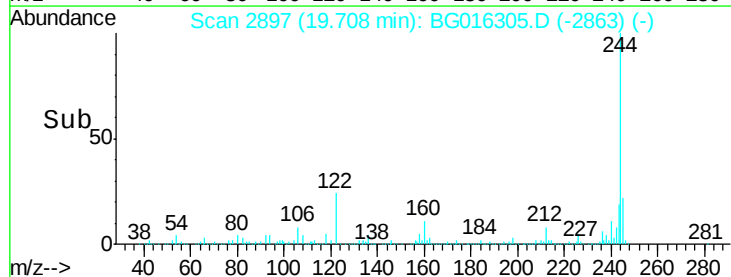
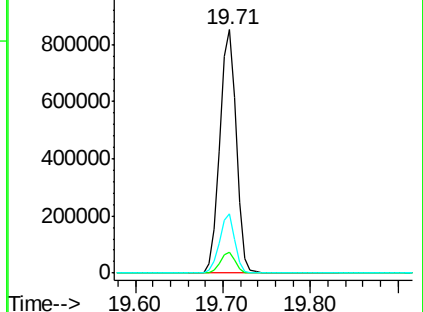
122 24.3 19.1 28.7

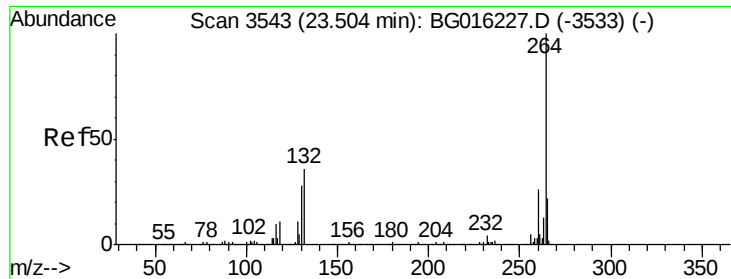


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.50 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG016305.D
Acq: 10 Apr 2015 1:28

Instrument :
BNA_G
ClientSampleId :
PB82620BL

Tgt Ion: 264 Resp: 393391
Ion Ratio Lower Upper
264 100
260 25.3 20.4 30.6
265 21.9 17.2 25.8

