

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016367.D
 Acq On : 13 Apr 2015 19:01
 Operator : TP/IZ
 Sample : G1854-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2015-0409

Quant Time: Apr 14 02:30:10 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 02:12:07 2015
 Response via : Initial Calibration

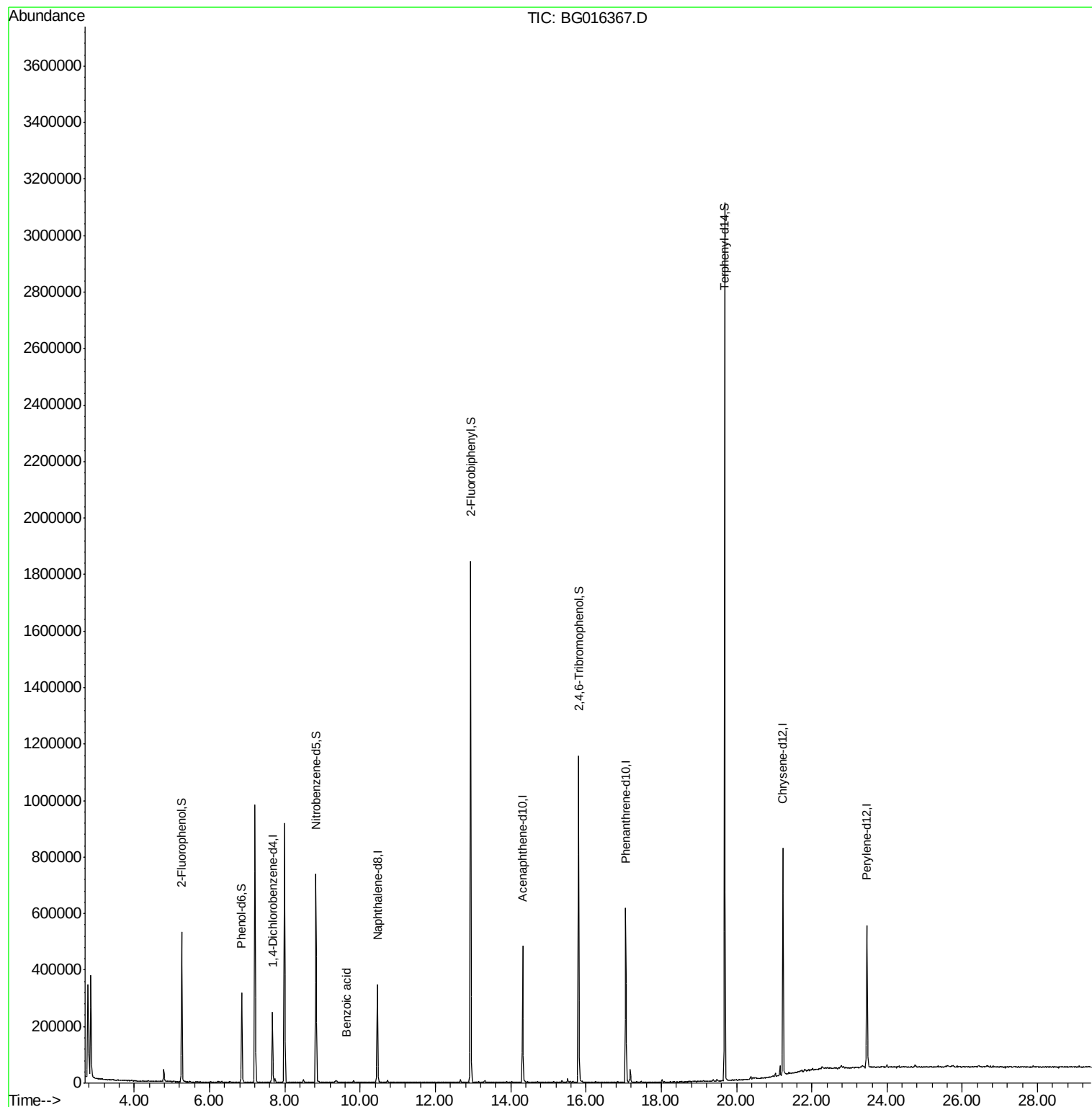
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	67755	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	287019	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	159726	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	338331	20.00	ng	0.00
75) Chrysene-d12	21.23	240	314629	20.00	ng	0.00
86) Perylene-d12	23.47	264	296400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	249016	58.00	ng	0.00
7) Phenol-d6	6.86	99	207576	32.21	ng	0.00
23) Nitrobenzene-d5	8.83	82	433181	87.43	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	162090	150.05	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	876137	93.39	ng	0.00
78) Terphenyl-d14	19.69	244	1128399	83.94	ng	0.00
Target Compounds						
32) Benzoic acid	9.64	122	455	8.86	ng	Qvalue # 1

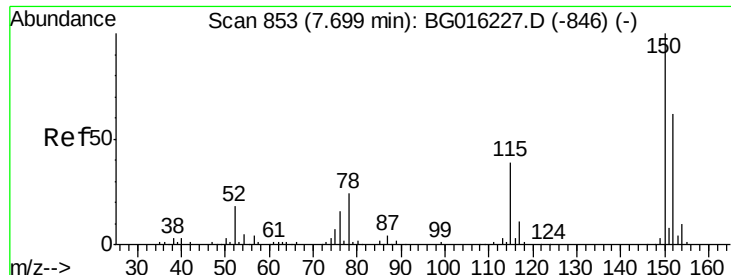
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.67 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG016367.D

Acq: 13 Apr 2015 19:01

Instrument :

BNA_G

ClientSampleId :

EB-2015-0409

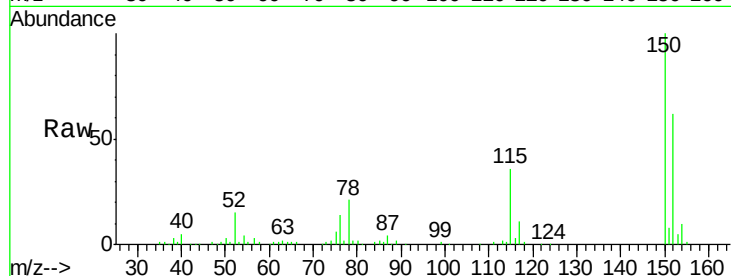
Tgt Ion:152 Resp: 67755

Ion Ratio Lower Upper

152 100

150 162.5 130.1 195.1

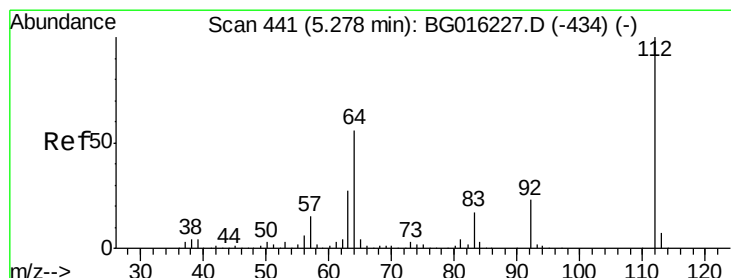
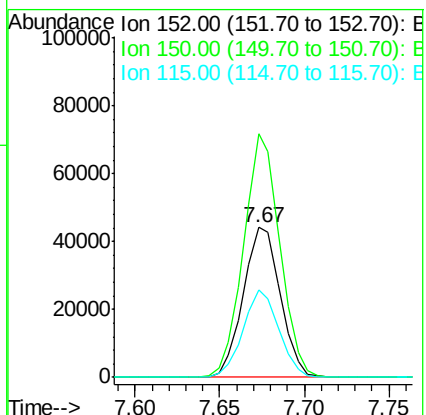
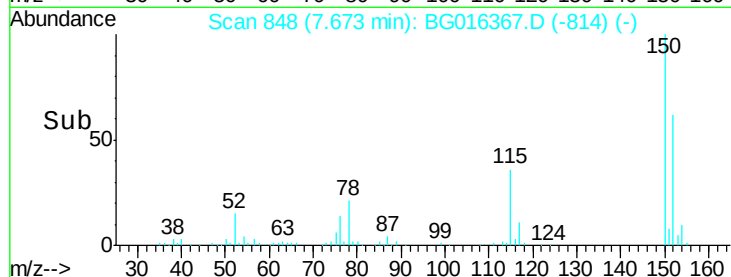
115 58.0 50.5 75.7



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: 58.00 ng

RT: 5.26 min Scan# 438

Delta R.T. 0.01 min

Lab File: BG016367.D

Acq: 13 Apr 2015 19:01

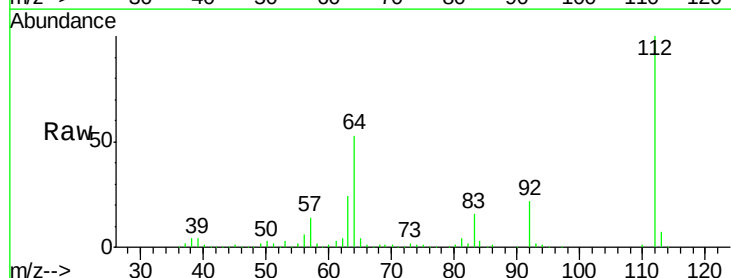
Tgt Ion:112 Resp: 249016

Ion Ratio Lower Upper

112 100

64 52.6 44.5 66.7

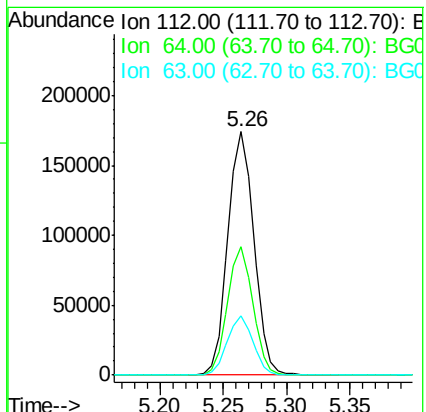
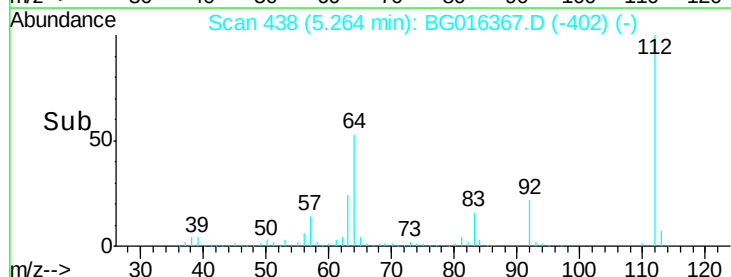
63 24.3 21.4 32.0

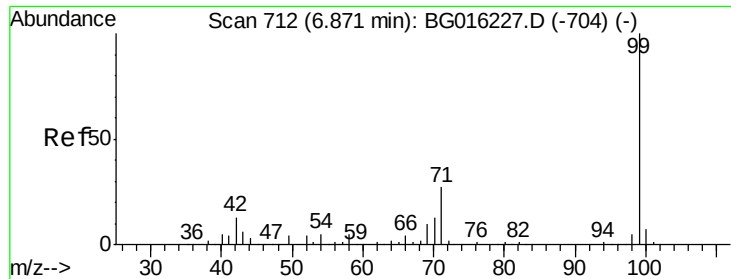


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.21 ng

RT: 6.86 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG016367.D

Acq: 13 Apr 2015 19:01

Instrument :

BNA_G

ClientSampleId :

EB-2015-0409

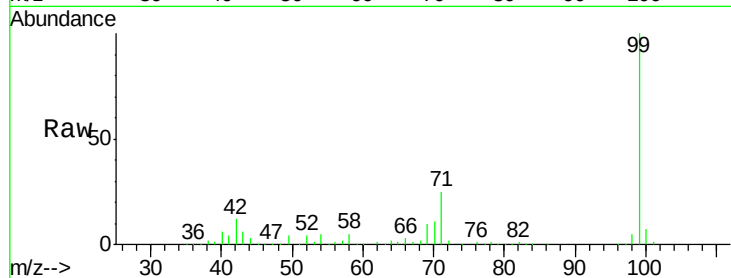
Tgt Ion: 99 Resp: 207576

Ion Ratio Lower Upper

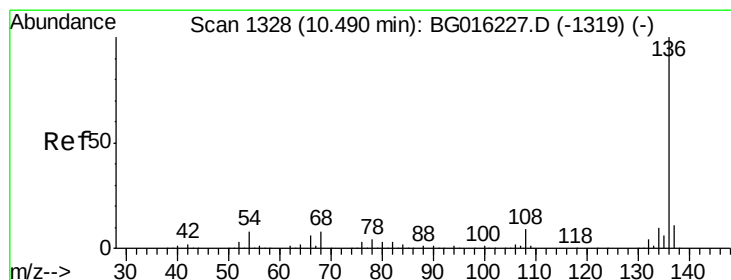
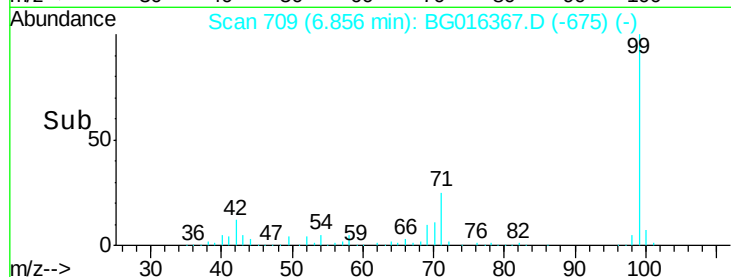
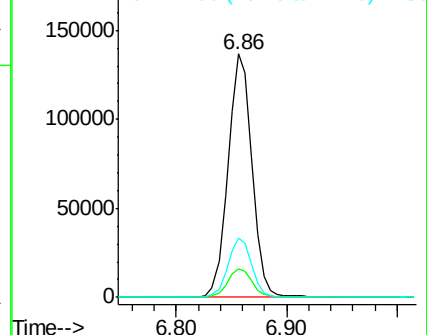
99 100

42 11.7 10.0 15.0

71 24.5 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. 0.00 min

Lab File: BG016367.D

Acq: 13 Apr 2015 19:01

Tgt Ion: 136 Resp: 287019

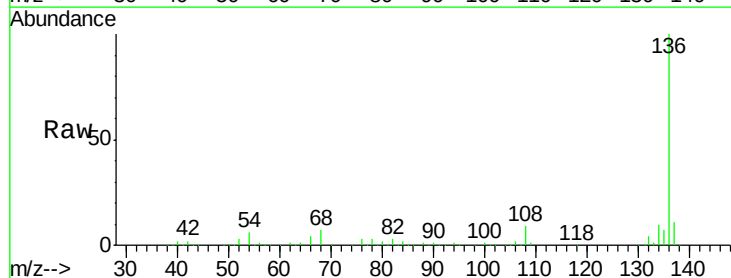
Ion Ratio Lower Upper

136 100

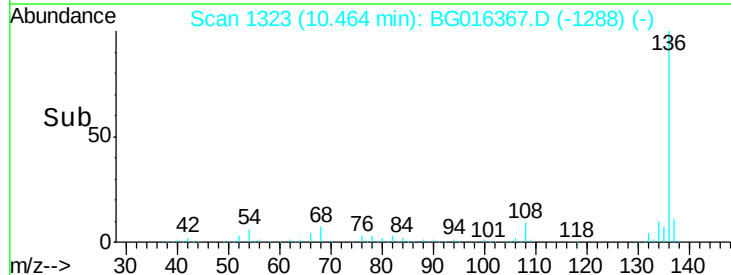
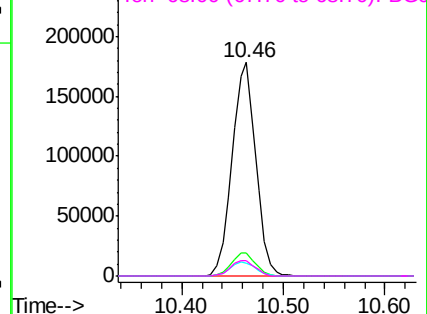
137 10.8 8.7 13.1

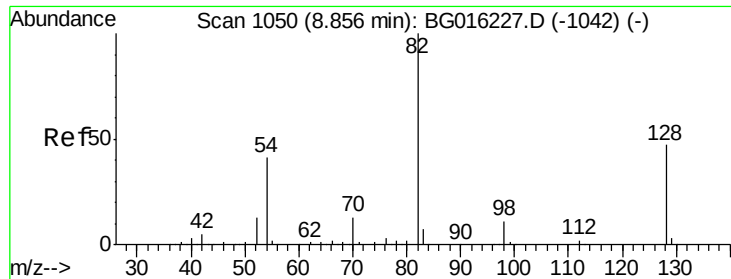
54 6.2 6.3 9.5#

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

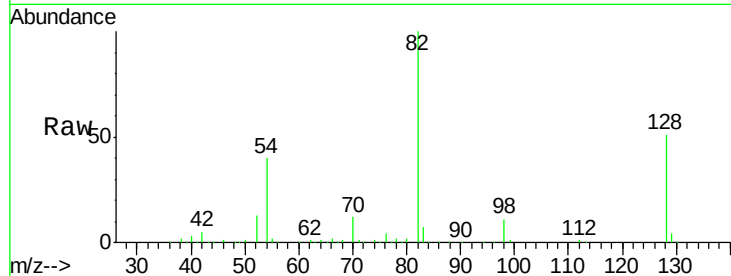




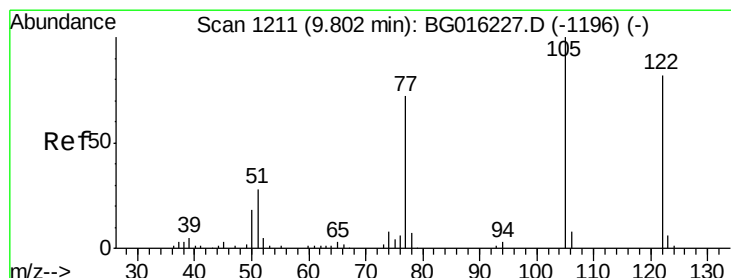
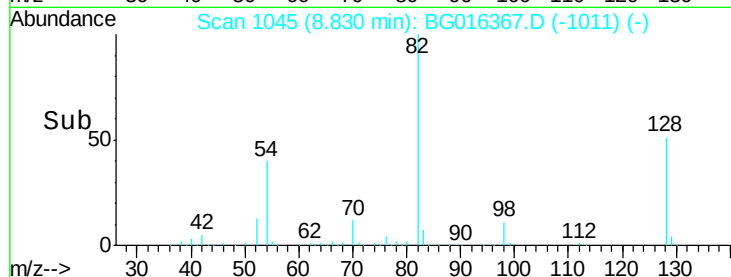
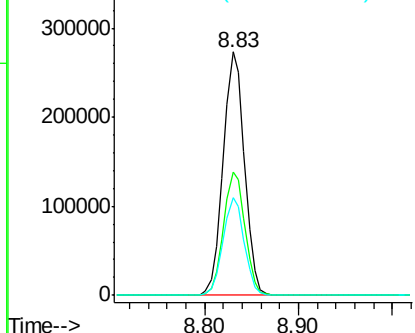
#23
 Nitrobenzene-d5
 Concen: 87.43 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG016367.D
 Acq: 13 Apr 2015 19:01

Instrument :
 BNA_G
 ClientSampleId :
 EB-2015-0409

Tgt Ion: 82 Resp: 433181
 Ion Ratio Lower Upper
 82 100
 128 50.9 37.8 56.8
 54 40.0 32.6 49.0

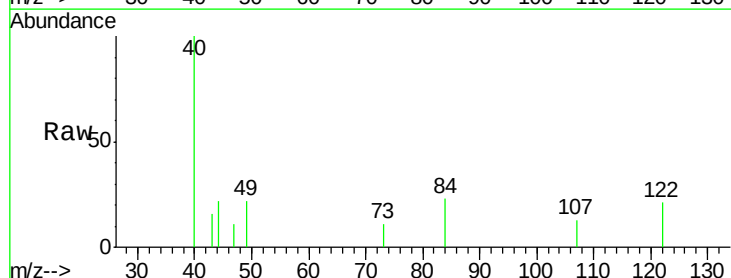


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

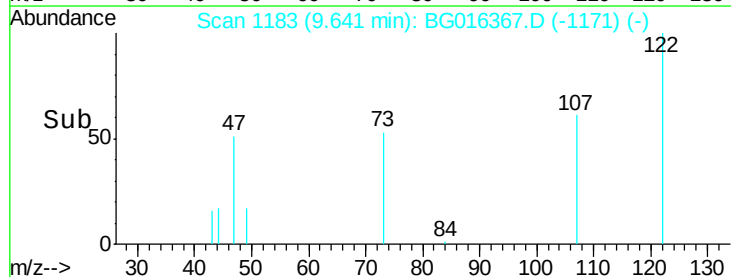
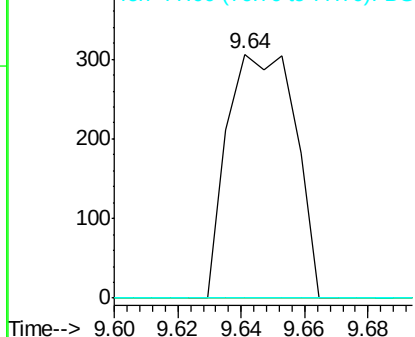


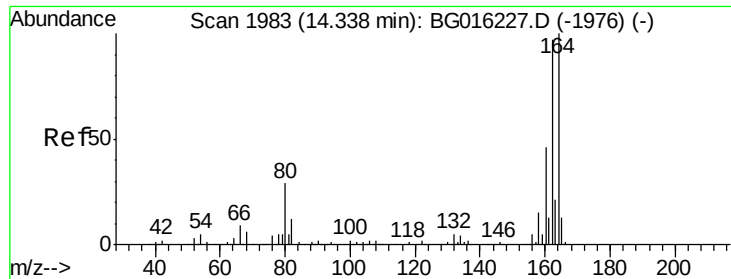
#32
 Benzoic acid
 Concen: 8.86 ng
 RT: 9.64 min Scan# 1183
 Delta R.T. -0.13 min
 Lab File: BG016367.D
 Acq: 13 Apr 2015 19:01

Tgt Ion: 122 Resp: 455
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.7 139.7#
 77 0.0 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

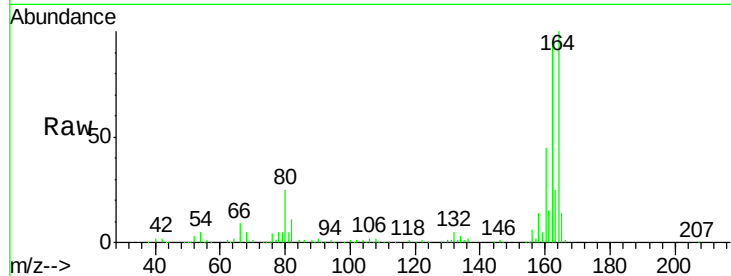




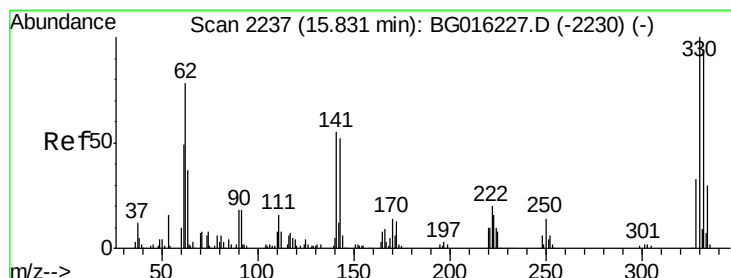
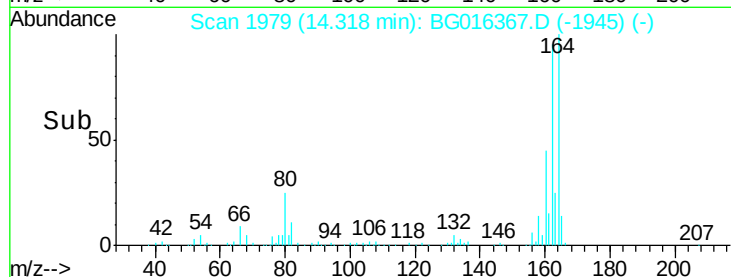
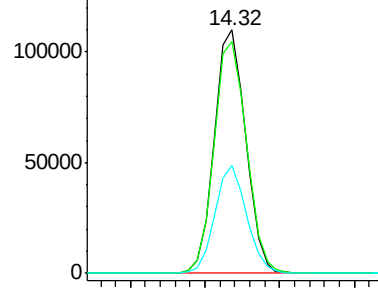
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG016367.D
Acq: 13 Apr 2015 19:01

Instrument :
BNA_G
ClientSampleId :
EB-2015-0409

Tgt Ion:164 Resp: 159726
Ion Ratio Lower Upper
164 100
162 95.5 77.3 115.9
160 44.6 36.7 55.1

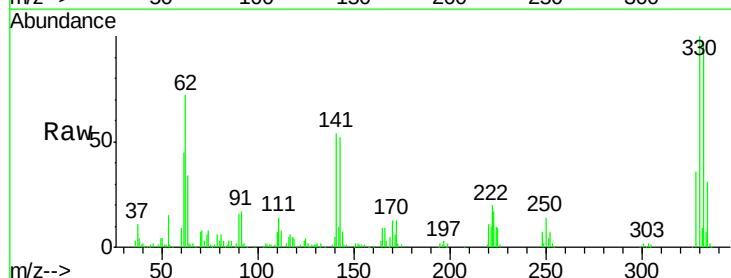


Abundance Ion 164.00 (163.70 to 164.70): E
150000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

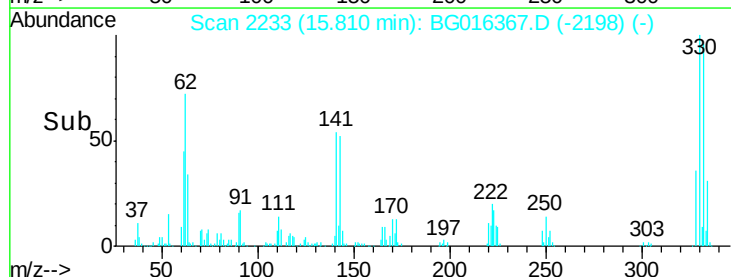
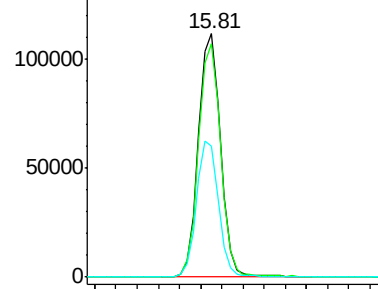


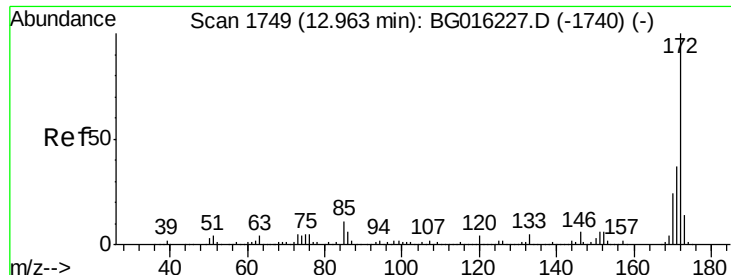
#41
2,4,6-Tribromophenol
Concen: 150.05 ng
RT: 15.81 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG016367.D
Acq: 13 Apr 2015 19:01

Tgt Ion:330 Resp: 162090
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 55.6 46.6 69.8



Abundance Ion 329.80 (329.50 to 330.50): E
150000
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

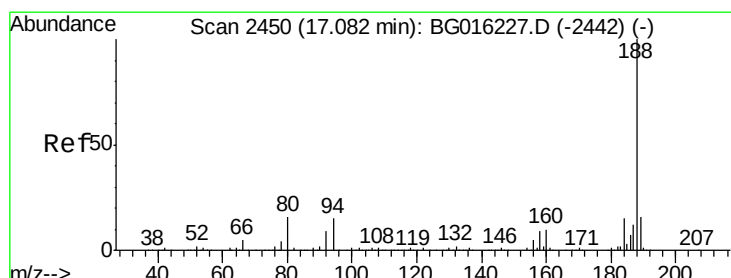
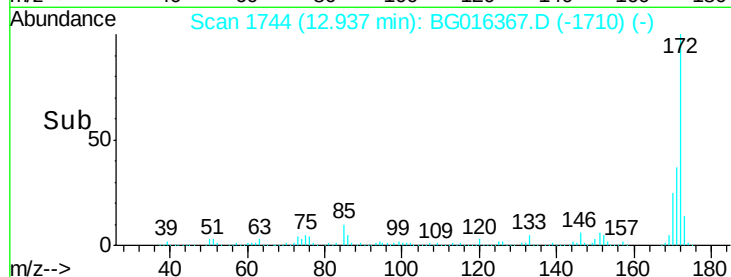
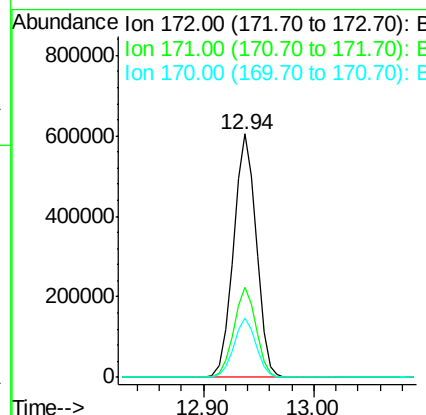
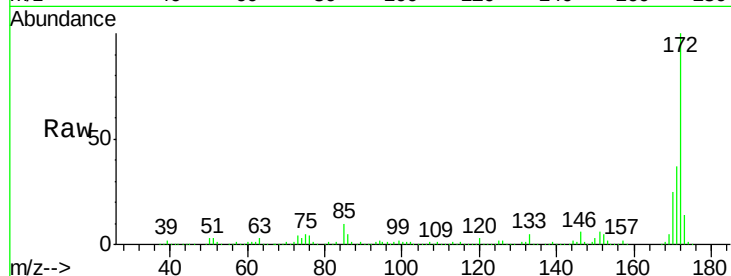




#44
 2-Fluorobiphenyl
 Concen: 93.39 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016367.D
 Acq: 13 Apr 2015 19:01

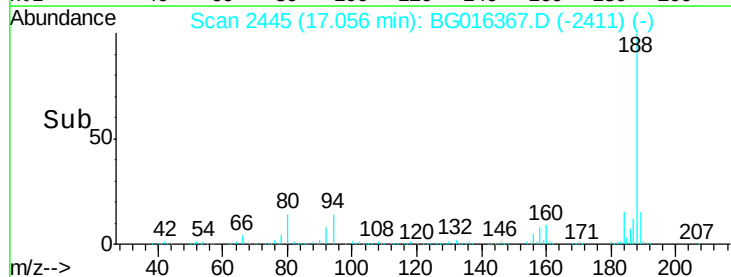
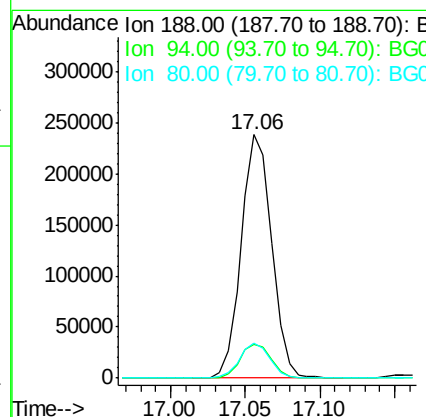
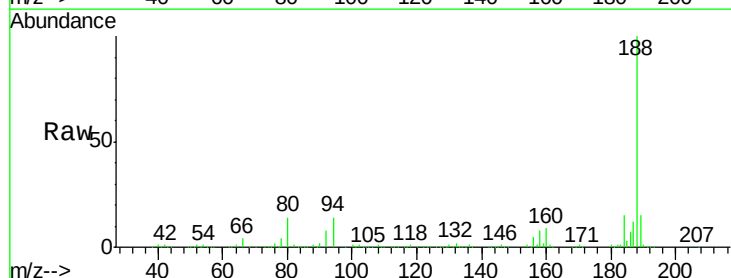
Instrument :
 BNA_G
 ClientSampleId :
 EB-2015-0409

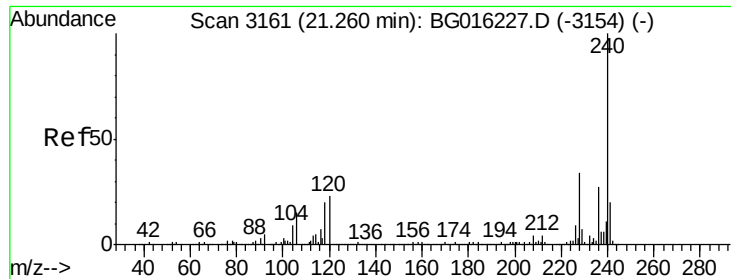
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.6	19.4	29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.06 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BG016367.D
 Acq: 13 Apr 2015 19:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.0	12.2	18.4
80	14.4	12.8	19.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016367.D

Acq: 13 Apr 2015 19:01

Instrument :

BNA_G

ClientSampleId :

EB-2015-0409

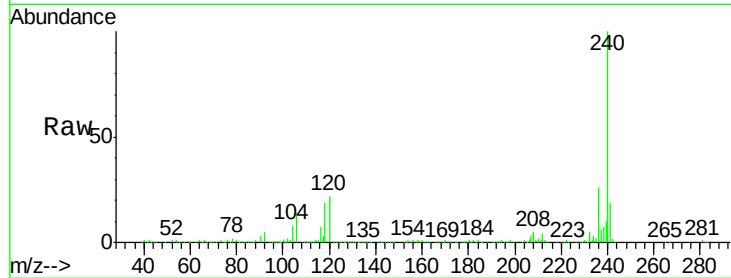
Tgt Ion:240 Resp: 314629

Ion Ratio Lower Upper

240 100

120 21.9 18.6 28.0

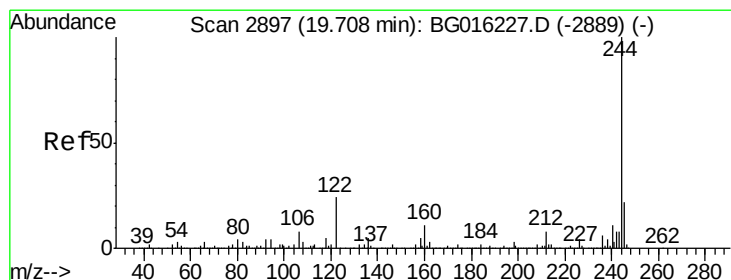
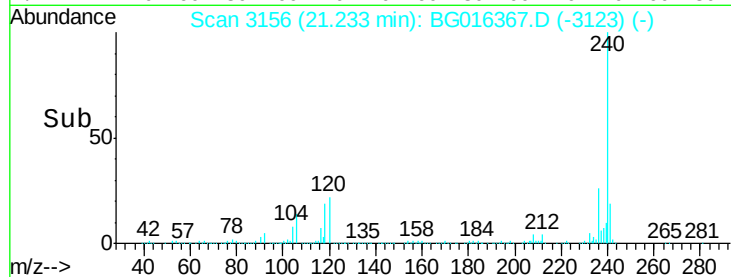
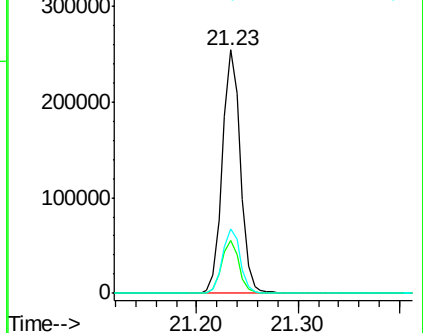
236 26.4 21.7 32.5



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: 83.94 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016367.D

Acq: 13 Apr 2015 19:01

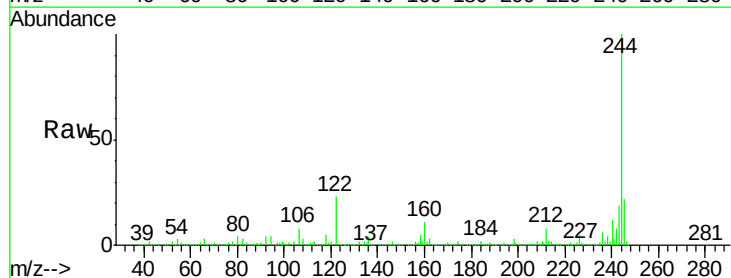
Tgt Ion:244 Resp: 1128399

Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

122 23.0 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

