

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016112.D
 Acq On : 25 Mar 2015 20:51
 Operator : TP/IZ
 Sample : PB82319BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82319BL

Quant Time: Mar 26 15:52:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 15:24:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	54287	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	227227	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	137204	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	314296	20.00	ng	0.00
75) Chrysene-d12	21.32	240	383461	20.00	ng	0.00
86) Perylene-d12	23.60	264	366699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	379632	117.04	ng	0.00
7) Phenol-d6	6.96	99	502809	111.37	ng	0.00
23) Nitrobenzene-d5	8.95	82	255889	69.83	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	170775	108.39	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	613231	74.81	ng	0.00
78) Terphenyl-d14	19.78	244	1107779	72.76	ng	0.00

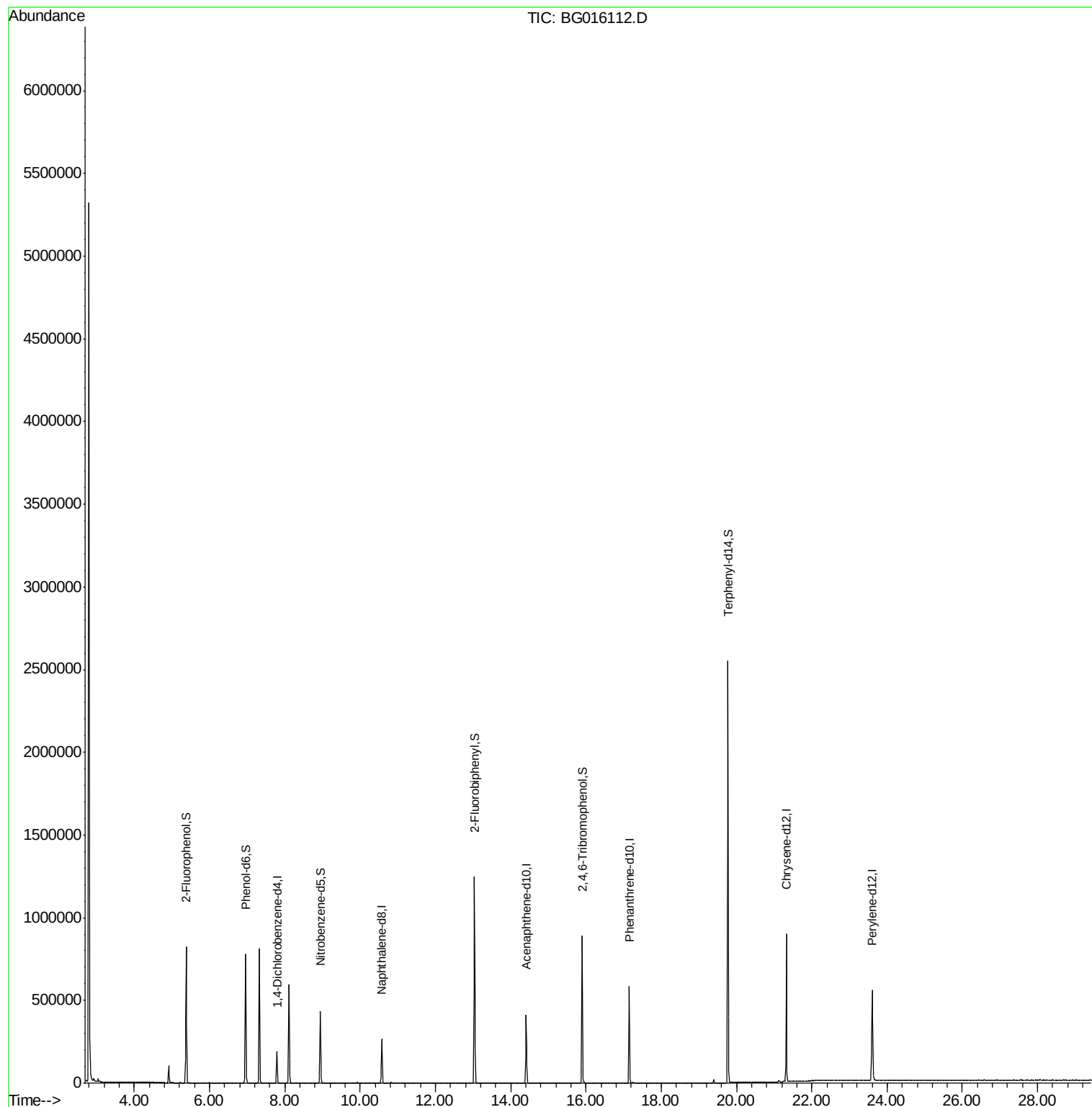
Target Compounds	Qvalue
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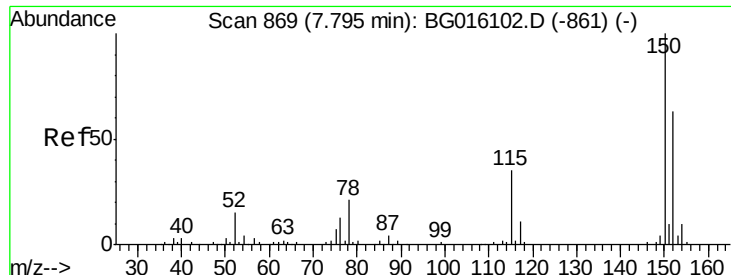
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016112.D

Acq: 25 Mar 2015 20:51

Instrument :

BNA_G

ClientSampleId :

PB82319BL

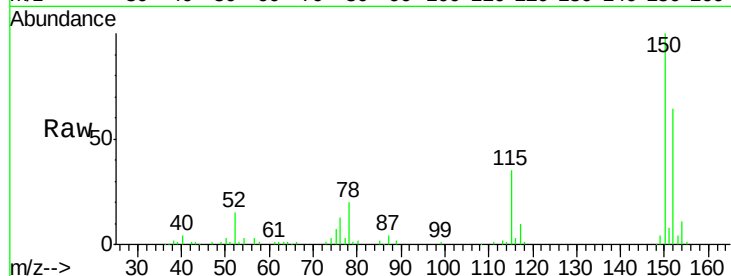
Tgt Ion:152 Resp: 54287

Ion Ratio Lower Upper

152 100

150 156.5 126.1 189.1

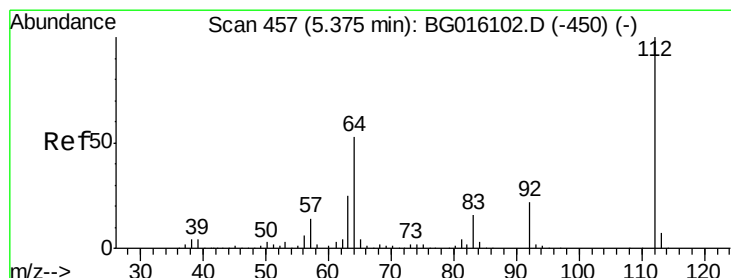
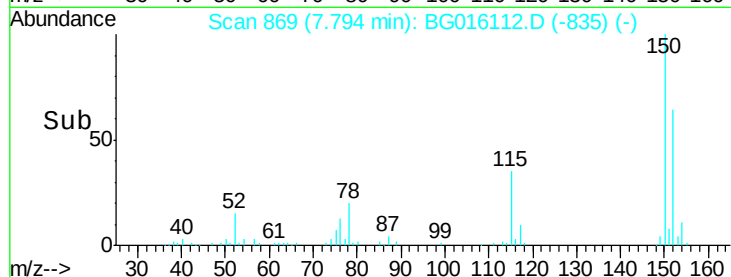
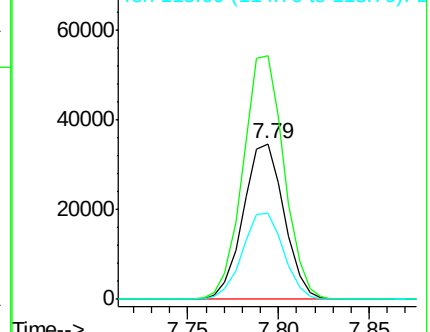
115 55.4 43.7 65.5



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: 117.04 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: BG016112.D

Acq: 25 Mar 2015 20:51

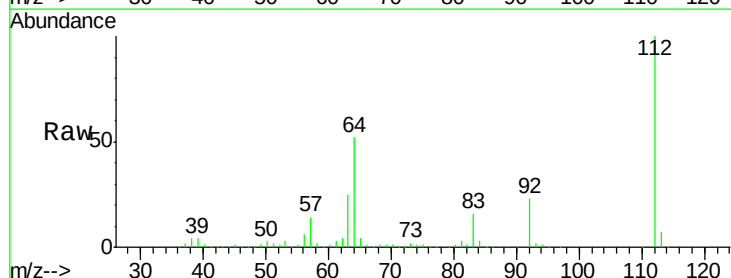
Tgt Ion:112 Resp: 379632

Ion Ratio Lower Upper

112 100

64 52.4 42.6 64.0

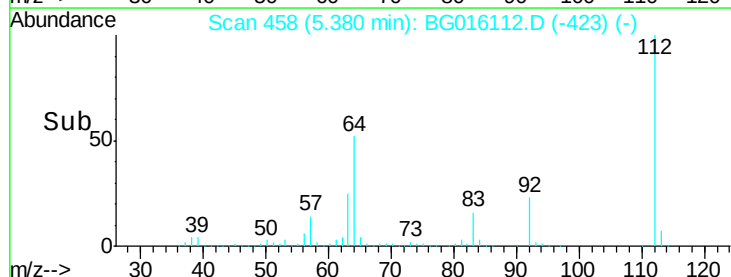
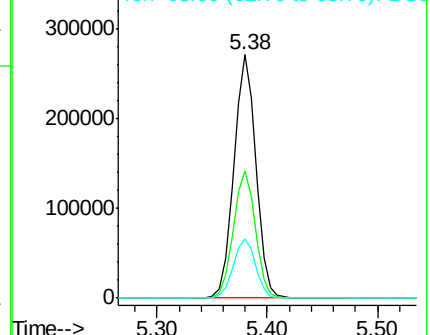
63 24.6 19.9 29.9

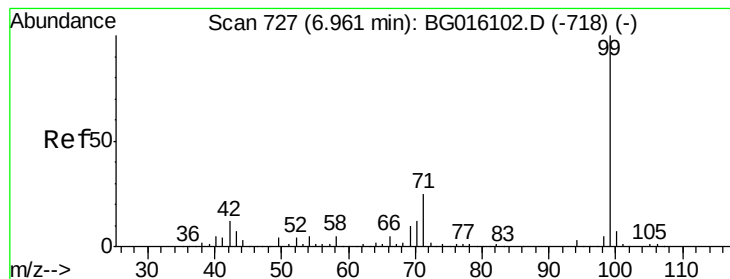


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.37 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016112.D

Acq: 25 Mar 2015 20:51

Instrument :

BNA_G

ClientSampleId :

PB82319BL

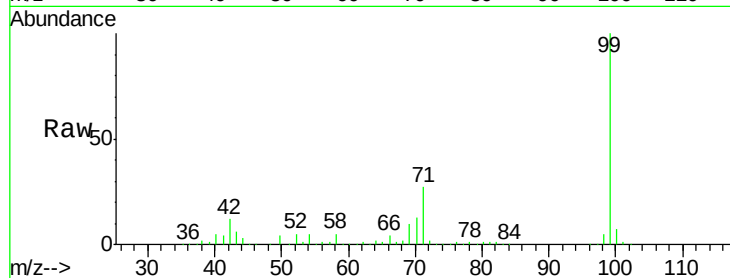
Tgt Ion: 99 Resp: 502809

Ion Ratio Lower Upper

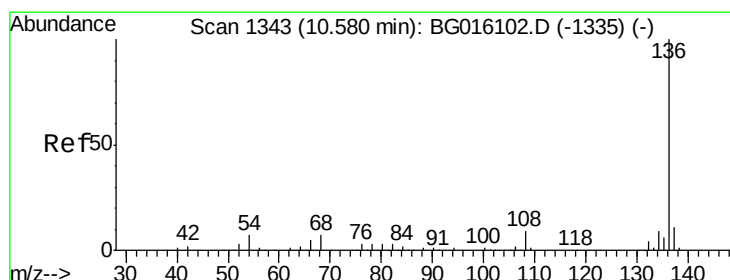
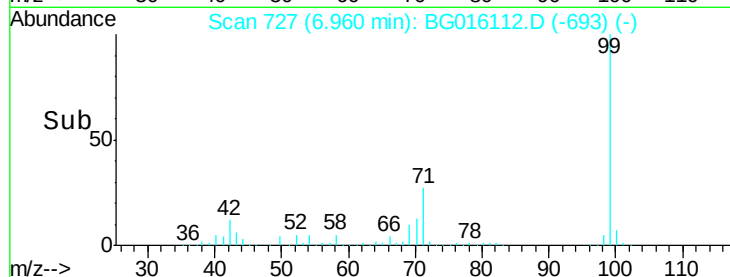
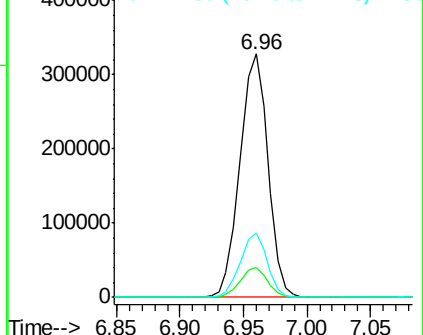
99 100

42 12.0 9.4 14.0

71 26.6 19.9 29.9



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: 10.58 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG016112.D

Acq: 25 Mar 2015 20:51

Tgt Ion: 136 Resp: 227227

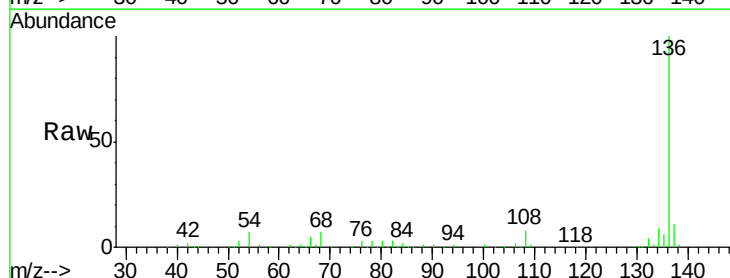
Ion Ratio Lower Upper

136 100

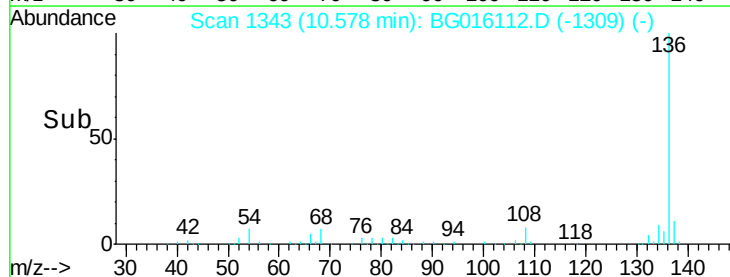
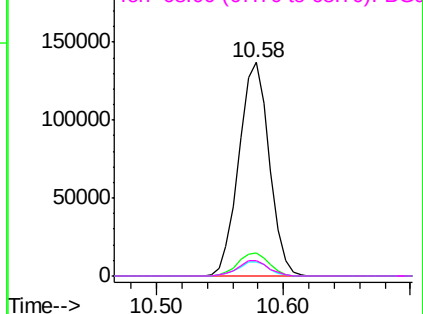
137 10.5 9.0 13.4

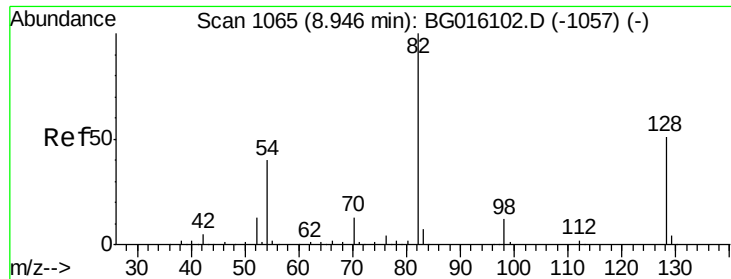
54 6.9 5.5 8.3

68 7.0 6.0 9.0



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

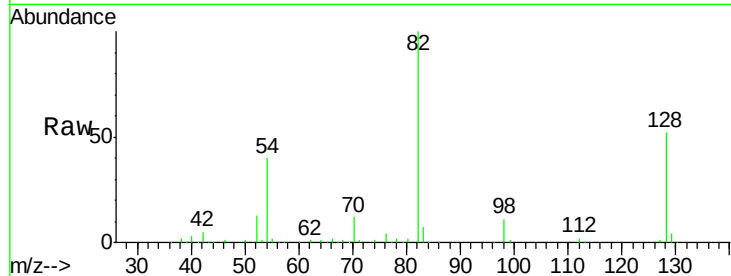




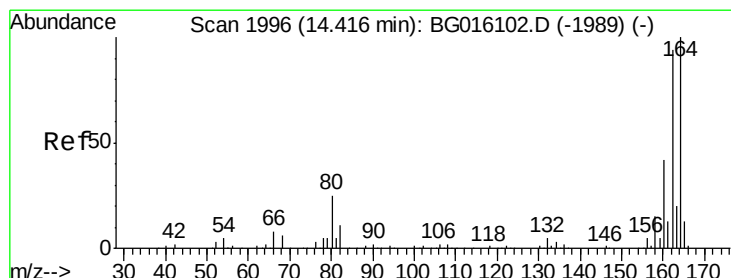
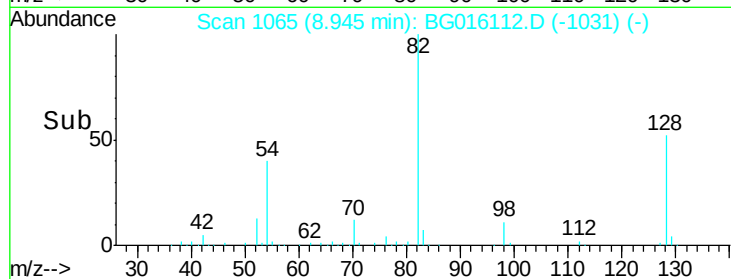
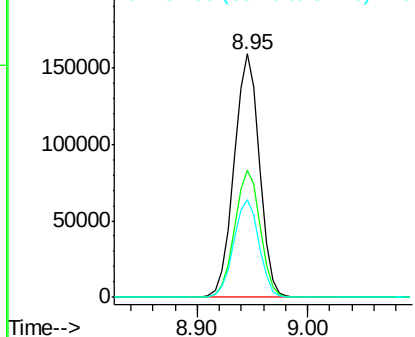
#23
 Nitrobenzene-d5
 Concen: 69.83 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016112.D
 Acq: 25 Mar 2015 20:51

Instrument :
 BNA_G
 ClientSampleId :
 PB82319BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.2	40.4	60.6
54	40.4	32.1	48.1

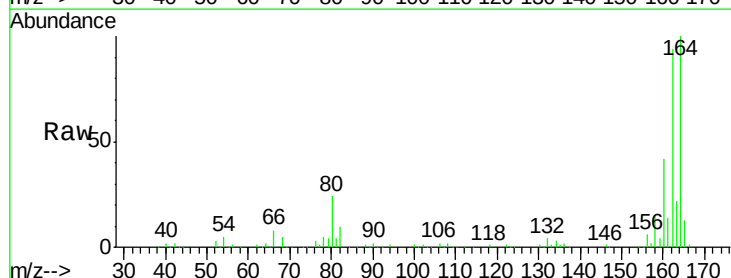


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

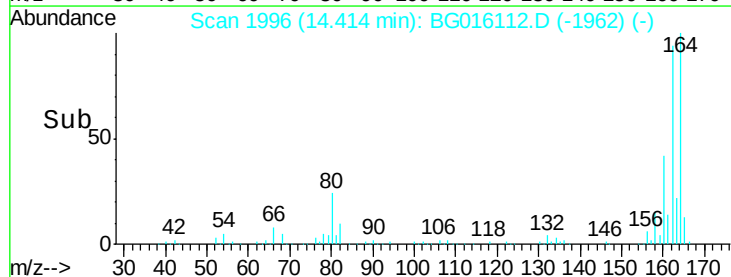
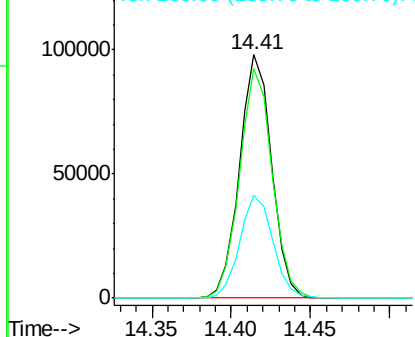


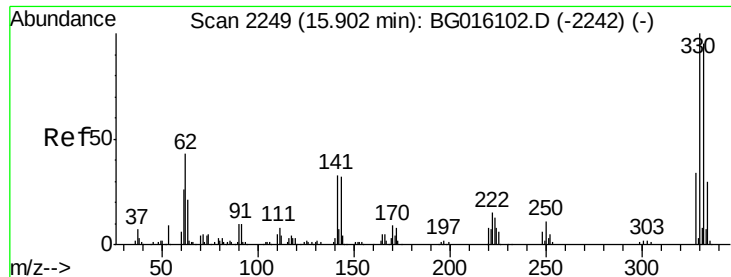
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.41 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BG016112.D
 Acq: 25 Mar 2015 20:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.2	75.2	112.8
160	42.0	33.9	50.9



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





#41

2,4,6-Tribromophenol

Concen: 108.39 ng

RT: 15.90 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG016112.D

Acq: 25 Mar 2015 20:51

Instrument :

BNA_G

ClientSampleId :

PB82319BL

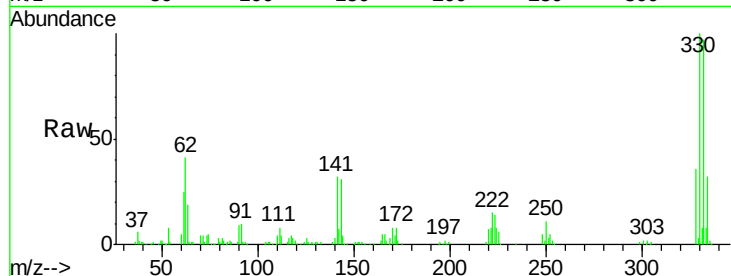
Tgt Ion:330 Resp: 170775

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

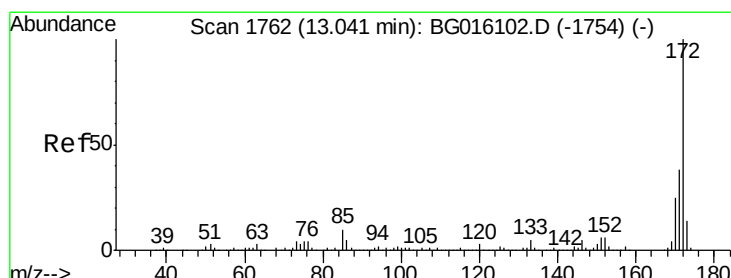
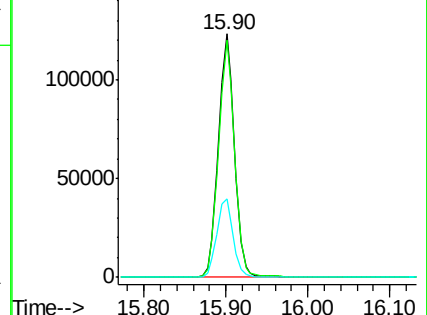
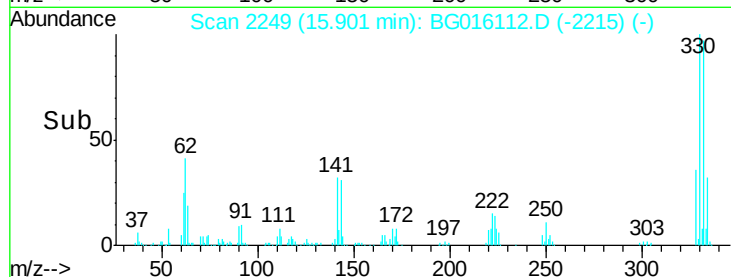
141 32.8 26.2 39.4



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: 74.81 ng

RT: 13.04 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BG016112.D

Acq: 25 Mar 2015 20:51

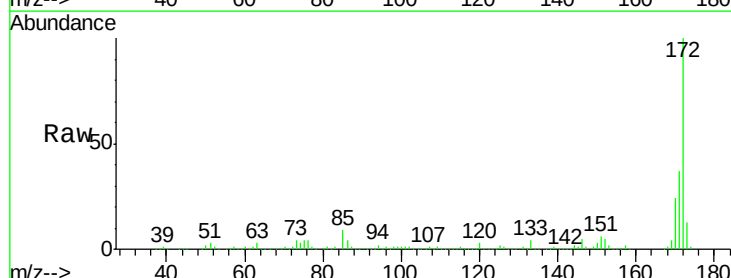
Tgt Ion:172 Resp: 613231

Ion Ratio Lower Upper

172 100

171 36.7 30.3 45.5

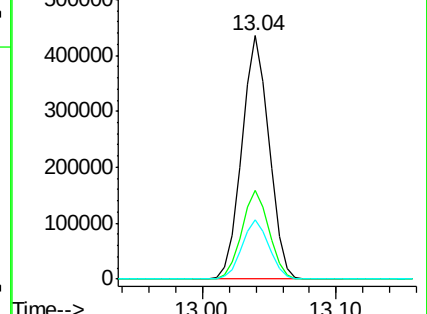
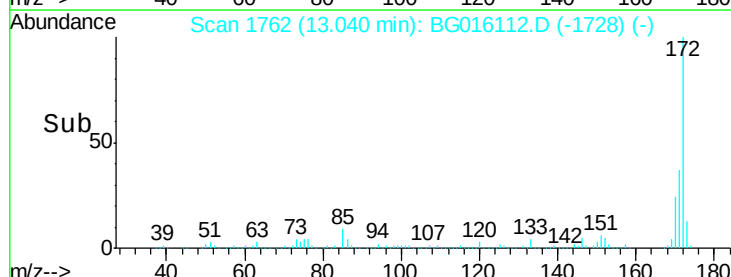
170 24.3 19.8 29.8

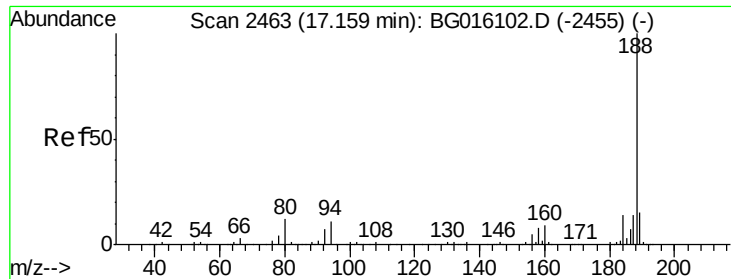


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

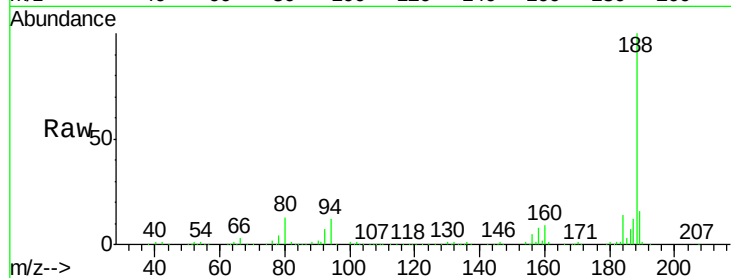




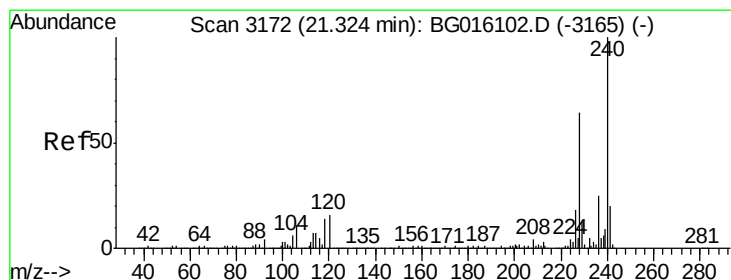
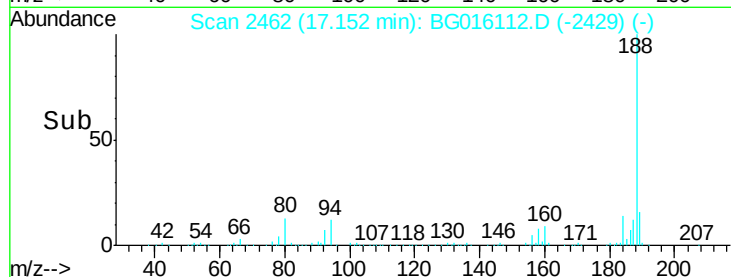
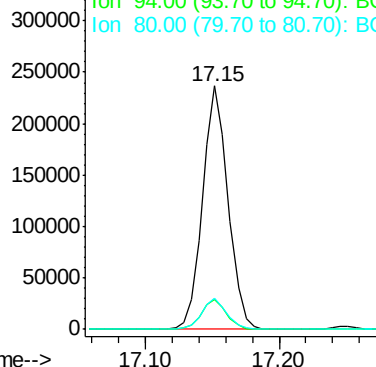
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG016112.D
Acq: 25 Mar 2015 20:51

Instrument :
BNA_G
ClientSampleId :
PB82319BL

Tgt Ion:188 Resp: 314296
Ion Ratio Lower Upper
188 100
94 12.4 9.1 13.7
80 12.5 9.8 14.8

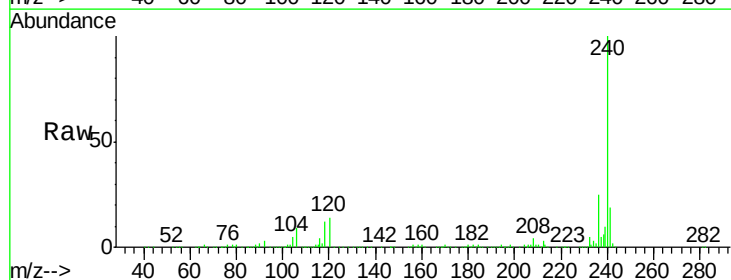


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

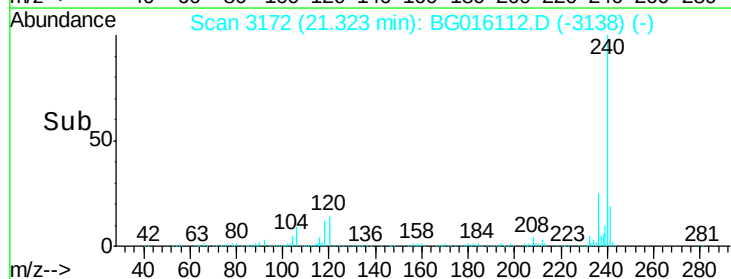
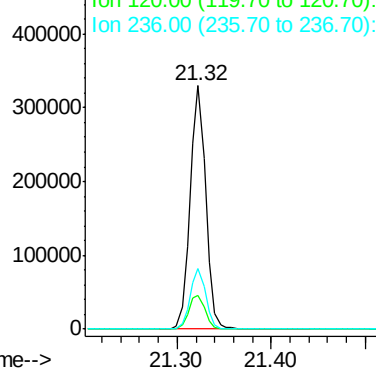


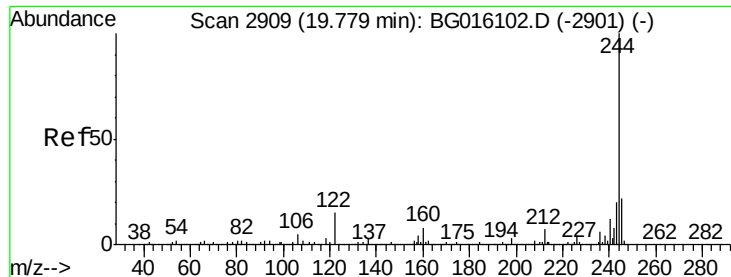
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG016112.D
Acq: 25 Mar 2015 20:51

Tgt Ion:240 Resp: 383461
Ion Ratio Lower Upper
240 100
120 14.0 13.0 19.4
236 24.9 20.2 30.2



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: 72.76 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016112.D

Acq: 25 Mar 2015 20:51

Instrument :

BNA_G

ClientSampled :

PB82319BL

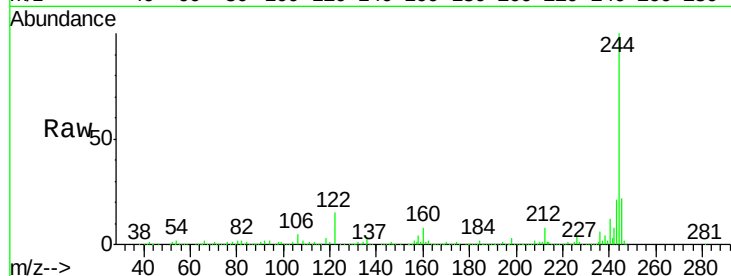
Tgt Ion:244 Resp: 1107779

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

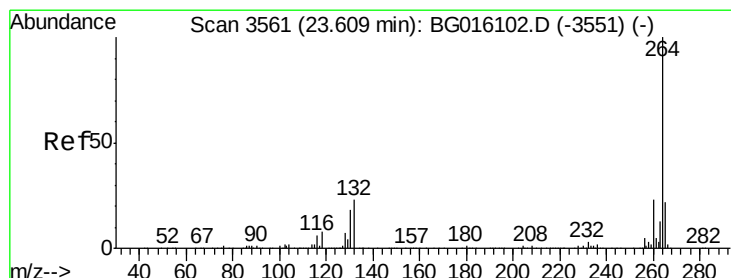
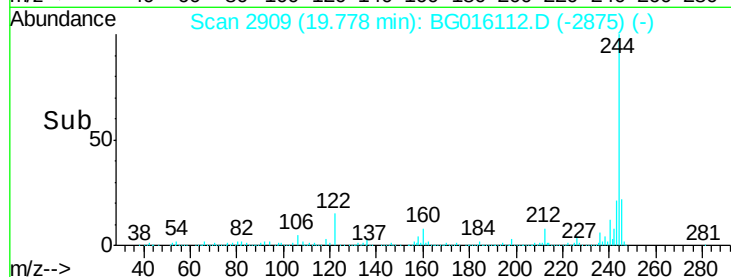
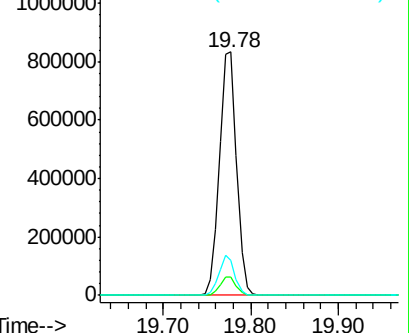
122 14.6 12.2 18.2



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: 23.60 min Scan# 3560

Delta R.T. -0.01 min

Lab File: BG016112.D

Acq: 25 Mar 2015 20:51

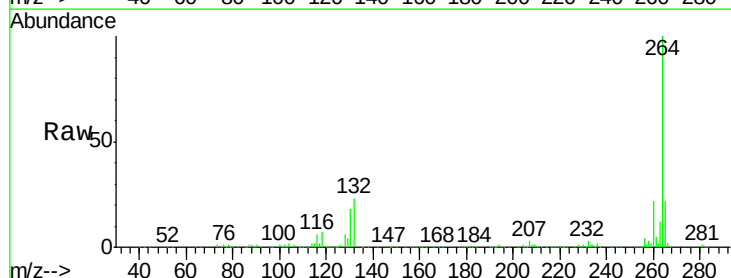
Tgt Ion:264 Resp: 366699

Ion Ratio Lower Upper

264 100

260 22.0 18.4 27.6

265 21.6 17.3 25.9



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

