

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016118.D
 Acq On : 26 Mar 2015 1:28
 Operator : TP/IZ
 Sample : PB82242BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82242BL

Quant Time: Mar 26 04:29:13 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 02:10:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	55705	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	235077	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	146137	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	346646	20.00	ng	0.00
75) Chrysene-d12	21.32	240	390797	20.00	ng	0.00
86) Perylene-d12	23.60	264	372484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	416276	128.87	ng	0.00
7) Phenol-d6	6.96	99	556305	121.94	ng	0.00
23) Nitrobenzene-d5	8.95	82	282907	75.48	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	201840	118.54	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	706123	84.08	ng	0.00
78) Terphenyl-d14	19.77	244	1211888	83.46	ng	0.00

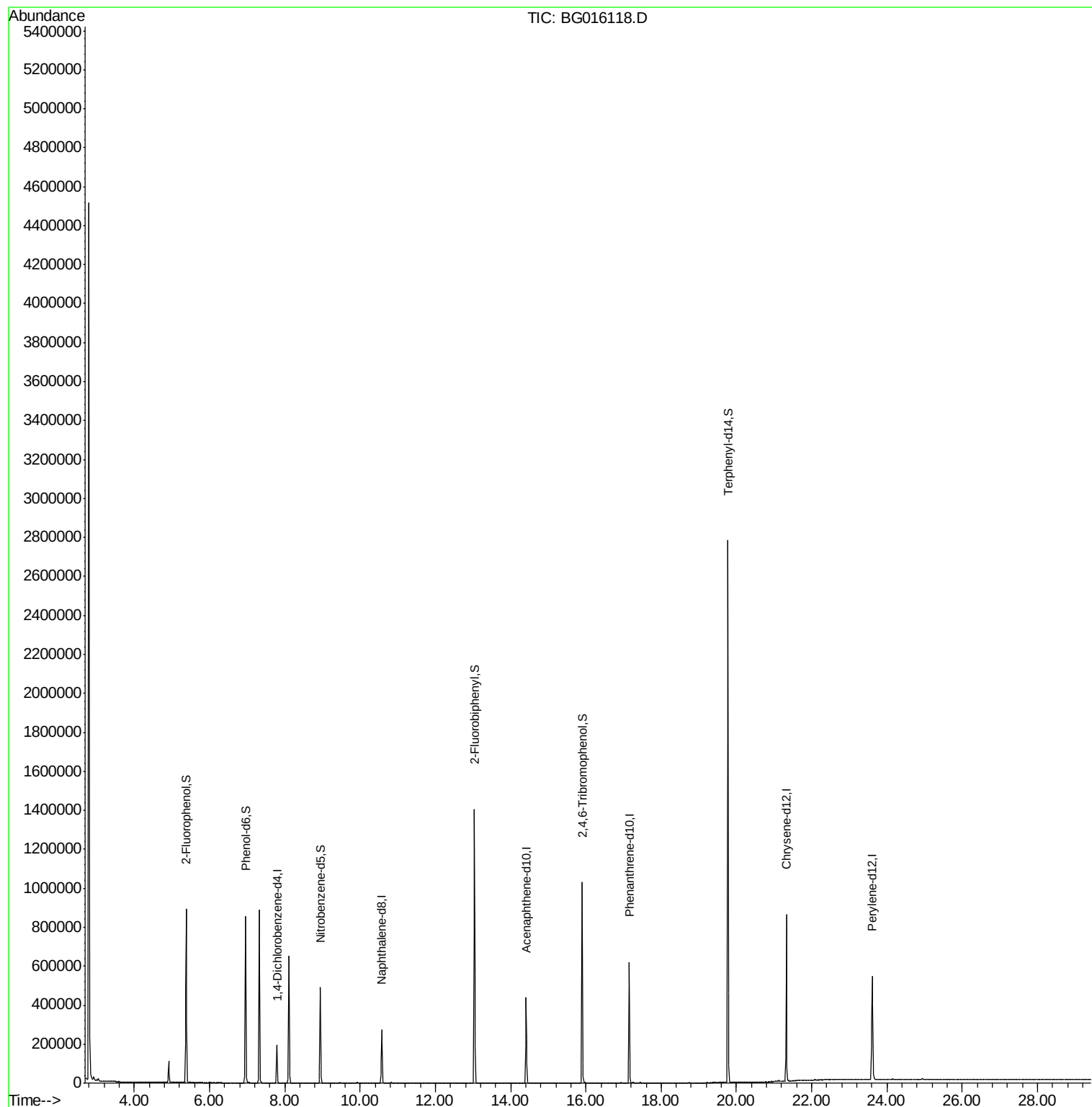
Target Compounds	Qvalue
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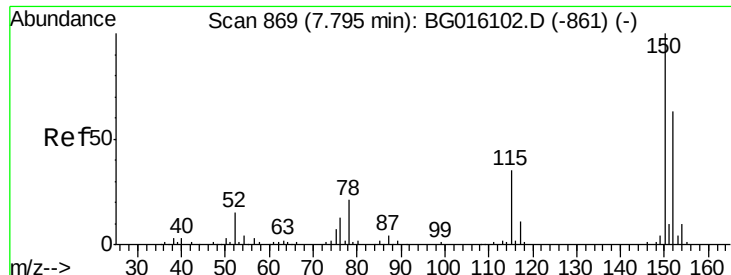
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG016118.D

Acq: 26 Mar 2015 1:28

Instrument :

BNA_G

ClientSampleId :

PB82242BL

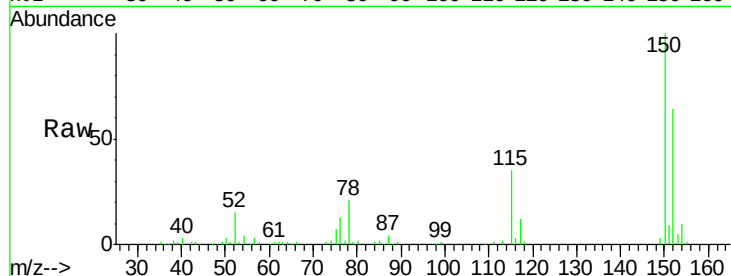
Tgt Ion:152 Resp: 55705

Ion Ratio Lower Upper

152 100

150 155.8 126.1 189.1

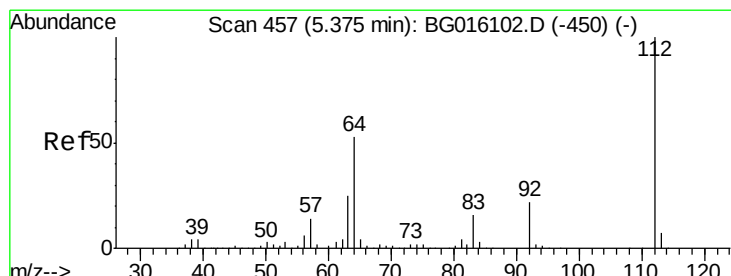
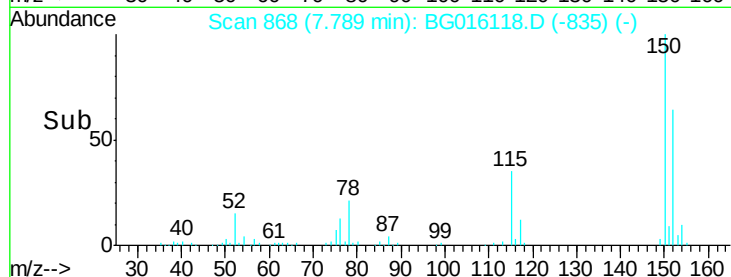
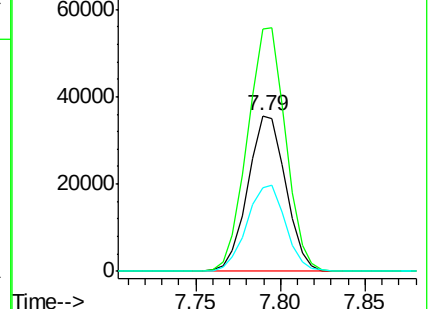
115 54.0 43.7 65.5



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: 128.87 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: BG016118.D

Acq: 26 Mar 2015 1:28

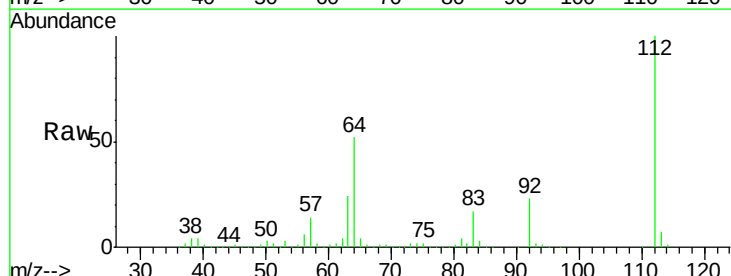
Tgt Ion:112 Resp: 416276

Ion Ratio Lower Upper

112 100

64 51.7 42.6 64.0

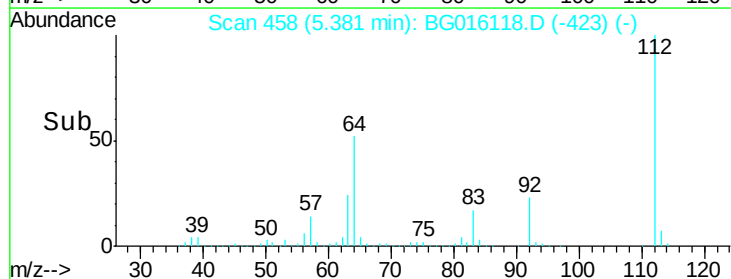
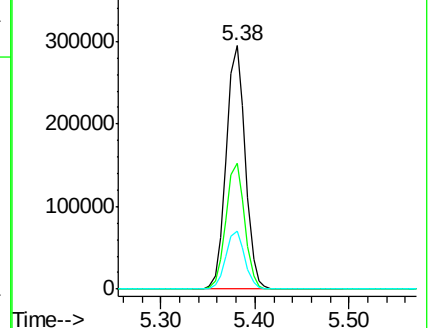
63 23.9 19.9 29.9

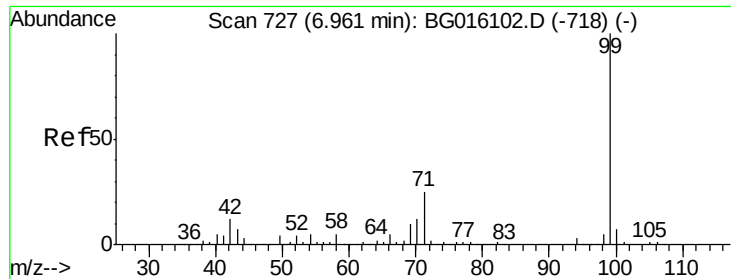


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.94 ng

RT: 6.96 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG016118.D

Acq: 26 Mar 2015 1:28

Instrument :

BNA_G

ClientSampleId :

PB82242BL

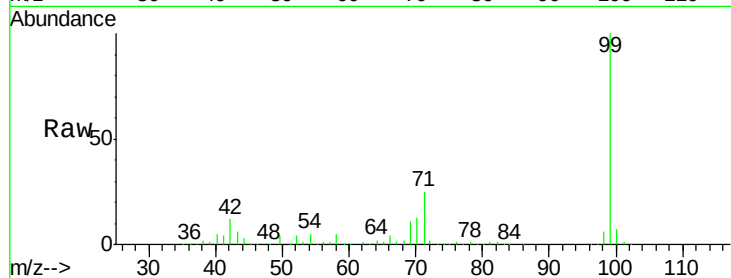
Tgt Ion: 99 Resp: 556305

Ion Ratio Lower Upper

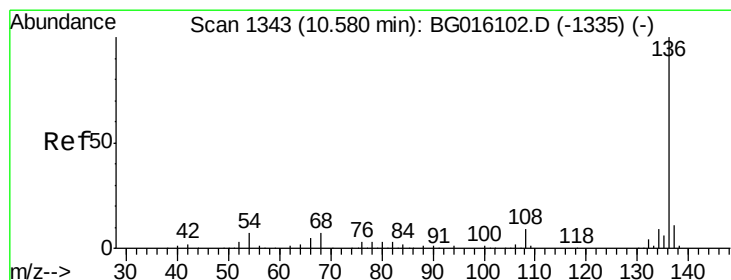
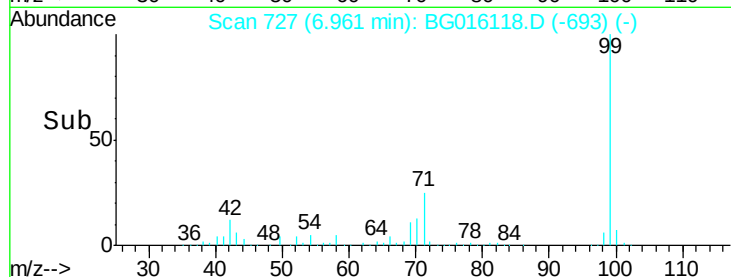
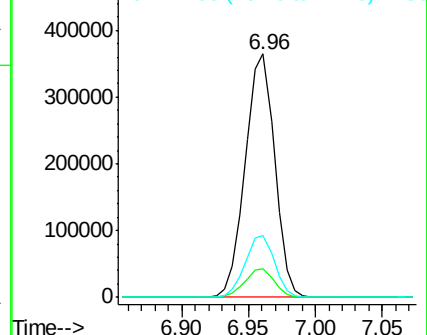
99 100

42 11.9 9.4 14.0

71 25.3 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: BG016118.D

Acq: 26 Mar 2015 1:28

Tgt Ion: 136 Resp: 235077

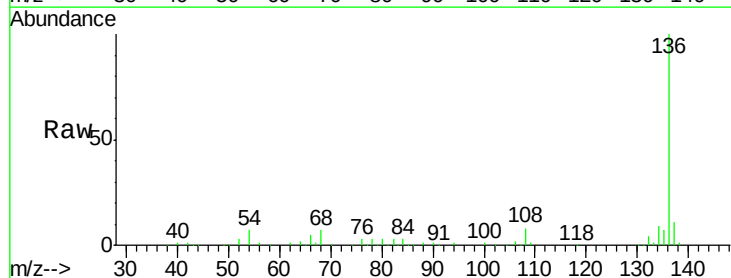
Ion Ratio Lower Upper

136 100

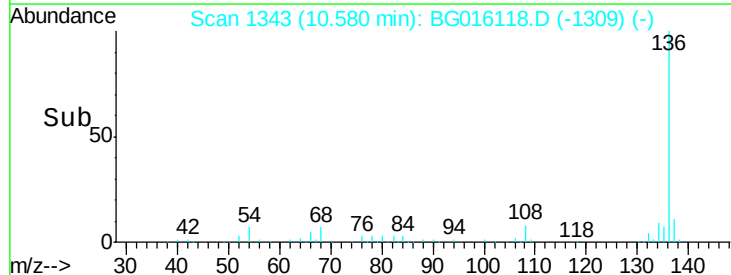
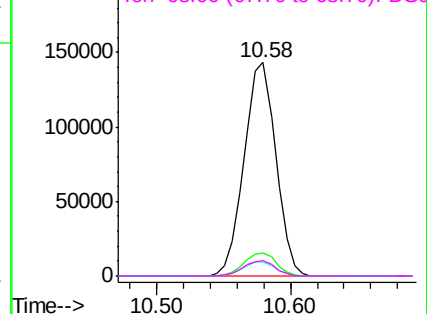
137 10.9 9.0 13.4

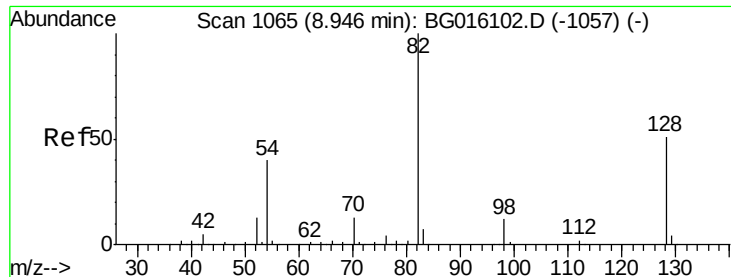
54 6.5 5.5 8.3

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

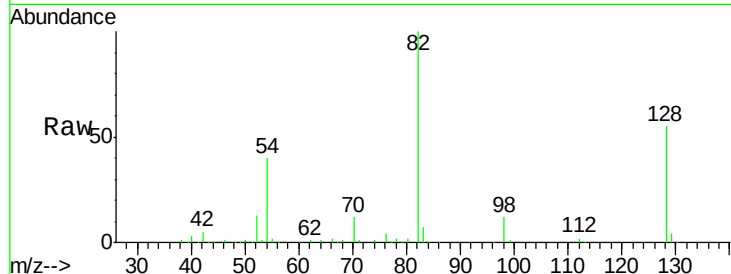




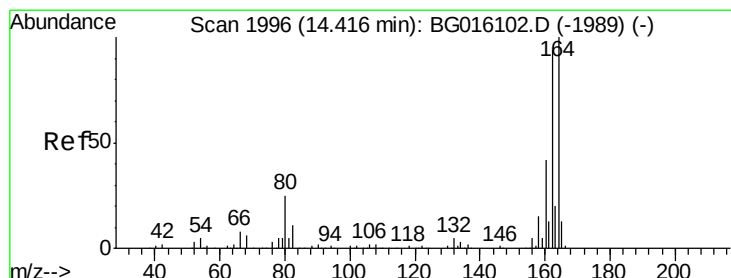
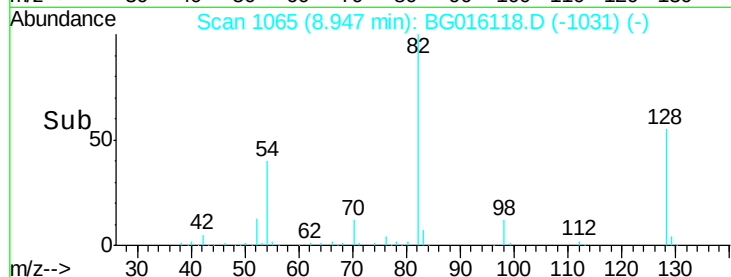
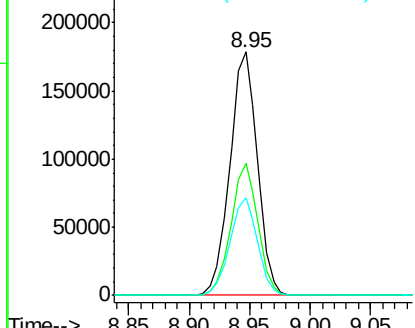
#23
 Nitrobenzene-d5
 Concen: 75.48 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BG016118.D
 Acq: 26 Mar 2015 1:28

Instrument :
 BNA_G
 ClientSampleId :
 PB82242BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.5	40.4	60.6
54	40.1	32.1	48.1

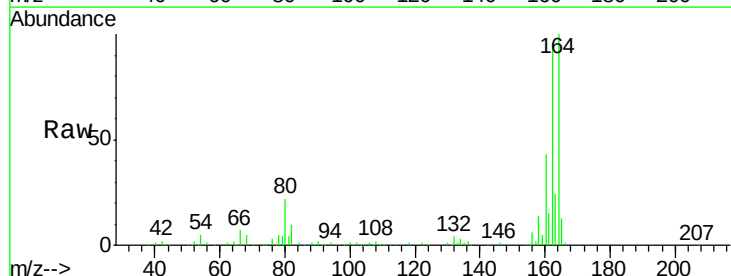


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

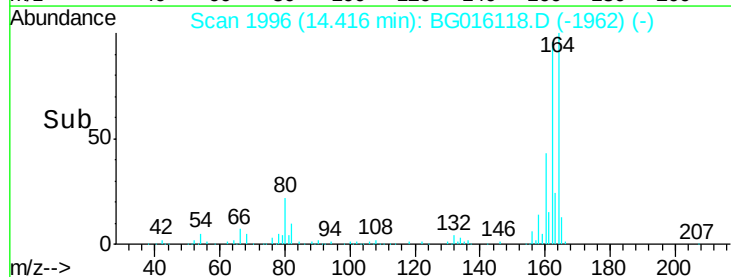
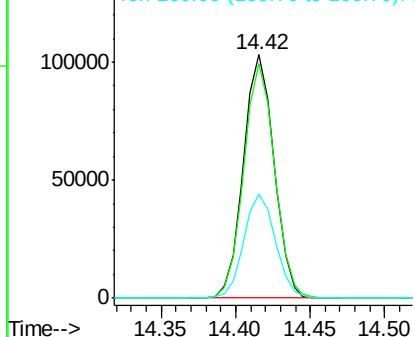


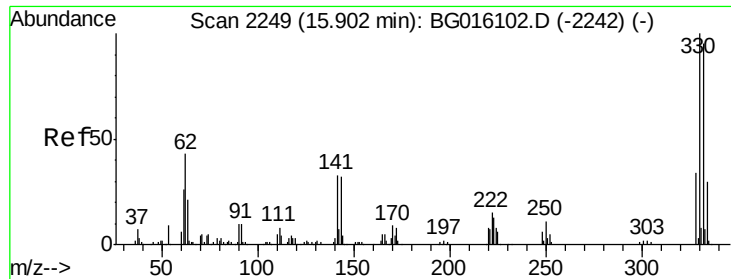
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG016118.D
 Acq: 26 Mar 2015 1:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	75.2	112.8
160	42.9	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

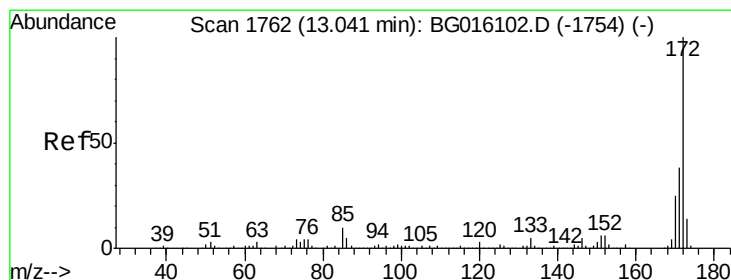
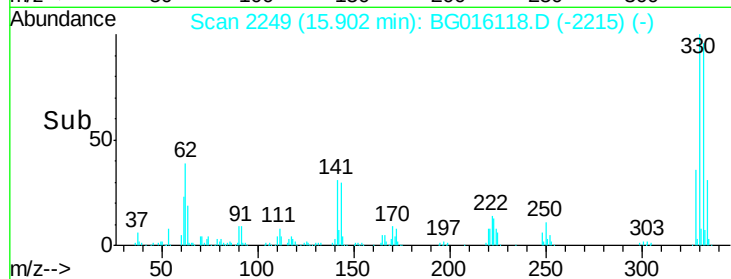
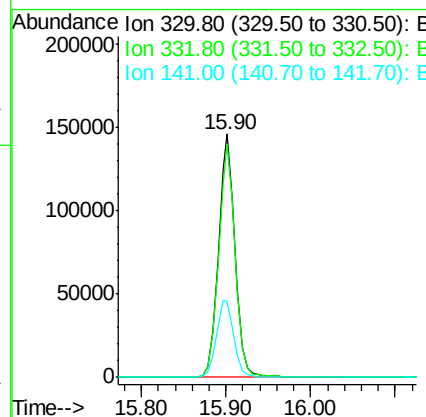
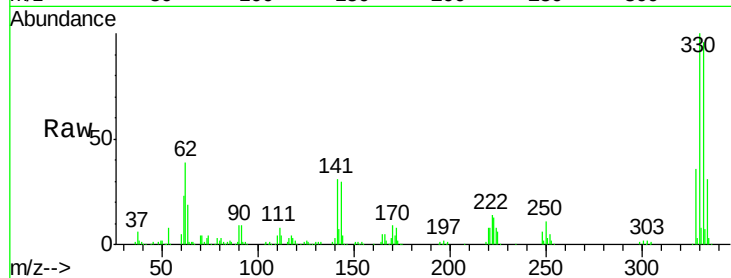




#41
 2,4,6-Tribromophenol
 Concen: 118.54 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: BG016118.D
 Acq: 26 Mar 2015 1:28

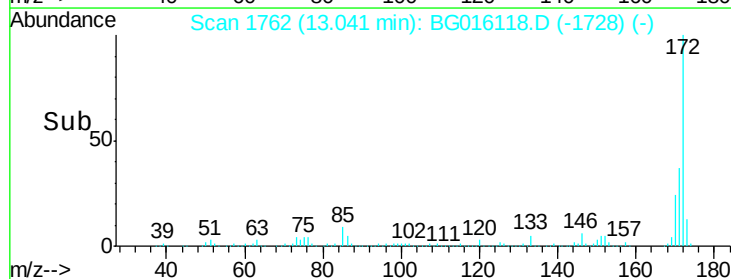
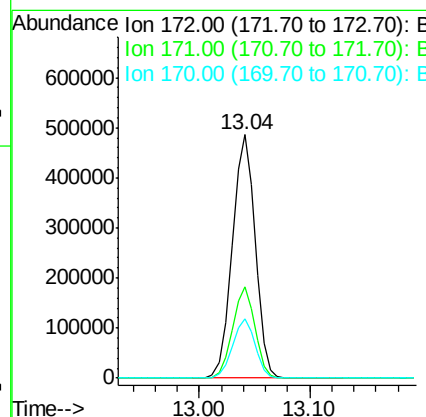
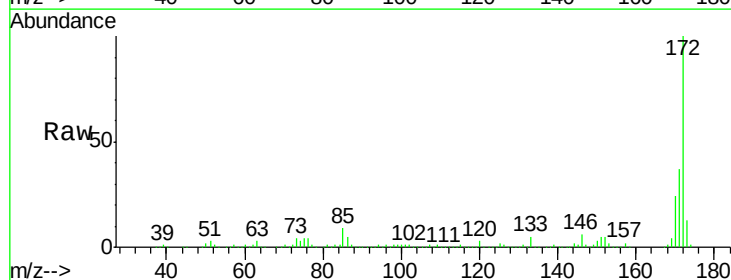
Instrument :
 BNA_G
 ClientSampleId :
 PB82242BL

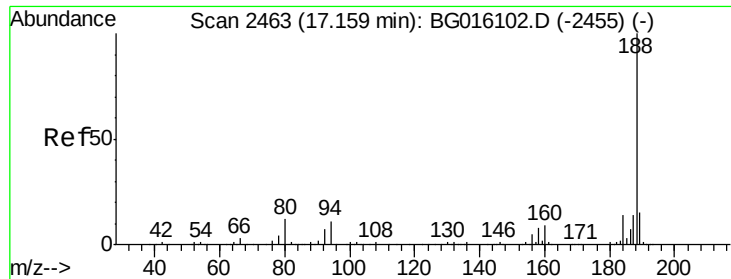
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	33.3	26.2	39.4



#44
 2-Fluorobiphenyl
 Concen: 84.08 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG016118.D
 Acq: 26 Mar 2015 1:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.3	45.5
170	24.2	19.8	29.8

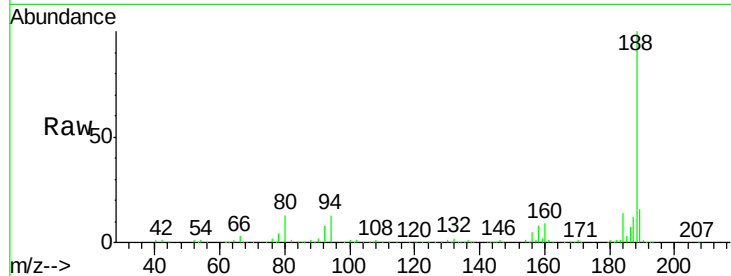




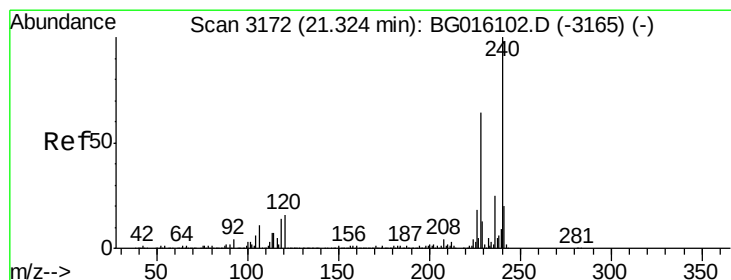
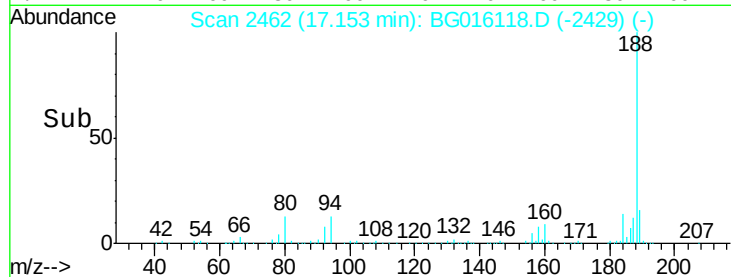
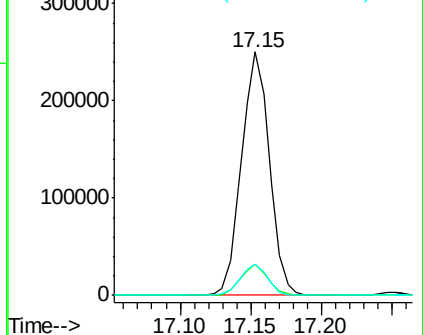
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG016118.D
Acq: 26 Mar 2015 1:28

Instrument :
BNA_G
ClientSampleId :
PB82242BL

Tgt Ion:188 Resp: 346646
Ion Ratio Lower Upper
188 100
94 12.8 9.1 13.7
80 12.7 9.8 14.8

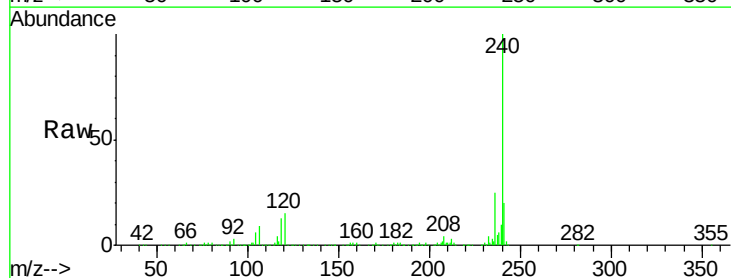


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

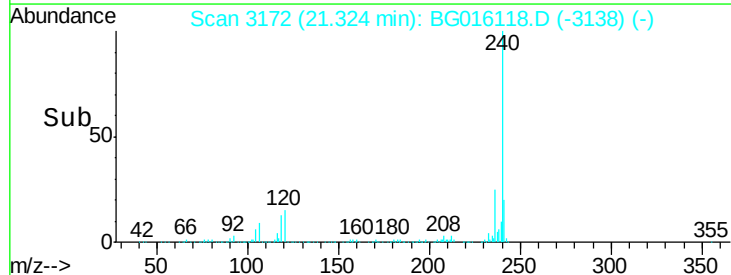
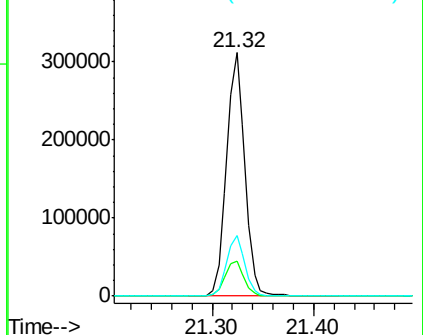


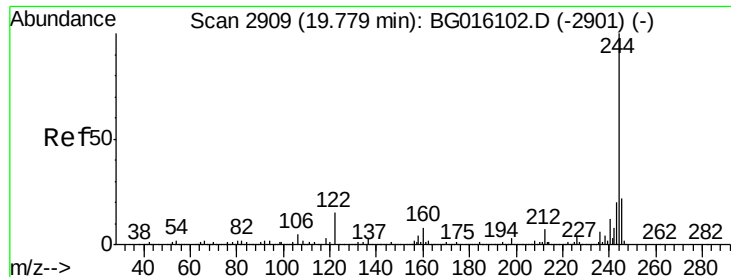
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. 0.00 min
Lab File: BG016118.D
Acq: 26 Mar 2015 1:28

Tgt Ion:240 Resp: 390797
Ion Ratio Lower Upper
240 100
120 14.5 13.0 19.4
236 25.1 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: 83.46 ng

RT: 19.77 min Scan# 2908

Delta R.T. -0.00 min

Lab File: BG016118.D

Acq: 26 Mar 2015 1:28

Instrument :

BNA_G

ClientSampleId :

PB82242BL

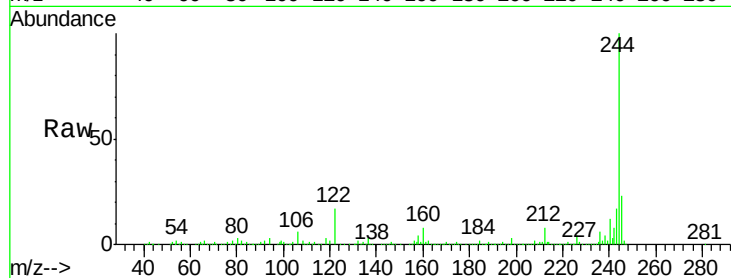
Tgt Ion:244 Resp: 1211888

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

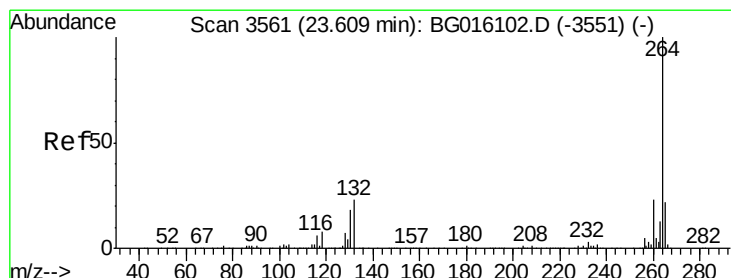
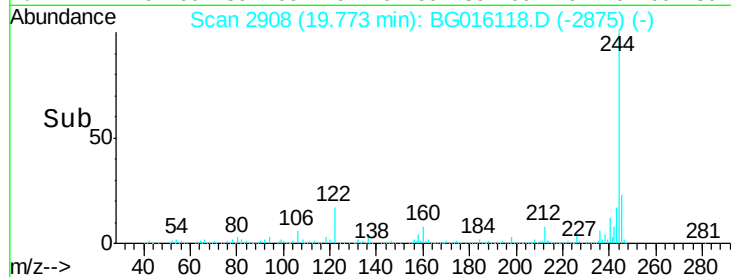
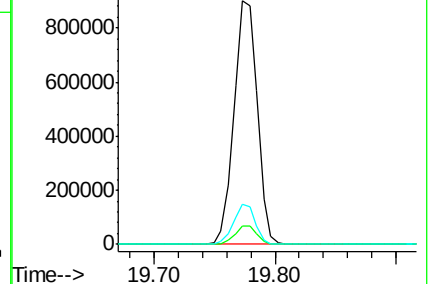
122 16.7 12.2 18.2



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: BG016118.D

Acq: 26 Mar 2015 1:28

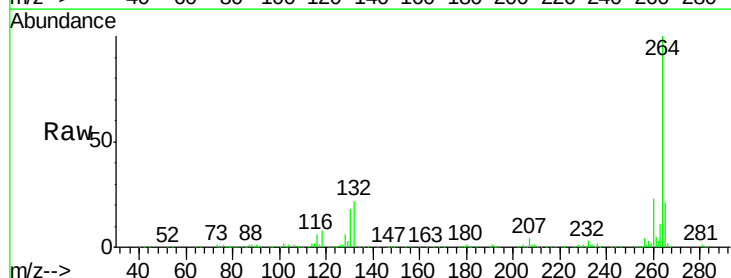
Tgt Ion:264 Resp: 372484

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.1 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

