

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
 Data File : BG016687.D
 Acq On : 24 Apr 2015 17:35
 Operator : TP/IZ
 Sample : PB82924BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82924BL

Quant Time: Apr 24 23:12:19 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 22:57:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	52941	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	216422	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	116904	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	244915	20.00	ng	0.00
75) Chrysene-d12	21.18	240	247104	20.00	ng	0.00
86) Perylene-d12	23.38	264	234357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	382294	117.18	ng	0.00
7) Phenol-d6	6.79	99	497768	108.76	ng	0.00
23) Nitrobenzene-d5	8.75	82	247094	72.14	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	97642	112.59	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	552527	75.94	ng	0.00
78) Terphenyl-d14	19.62	244	727727	67.84	ng	0.00

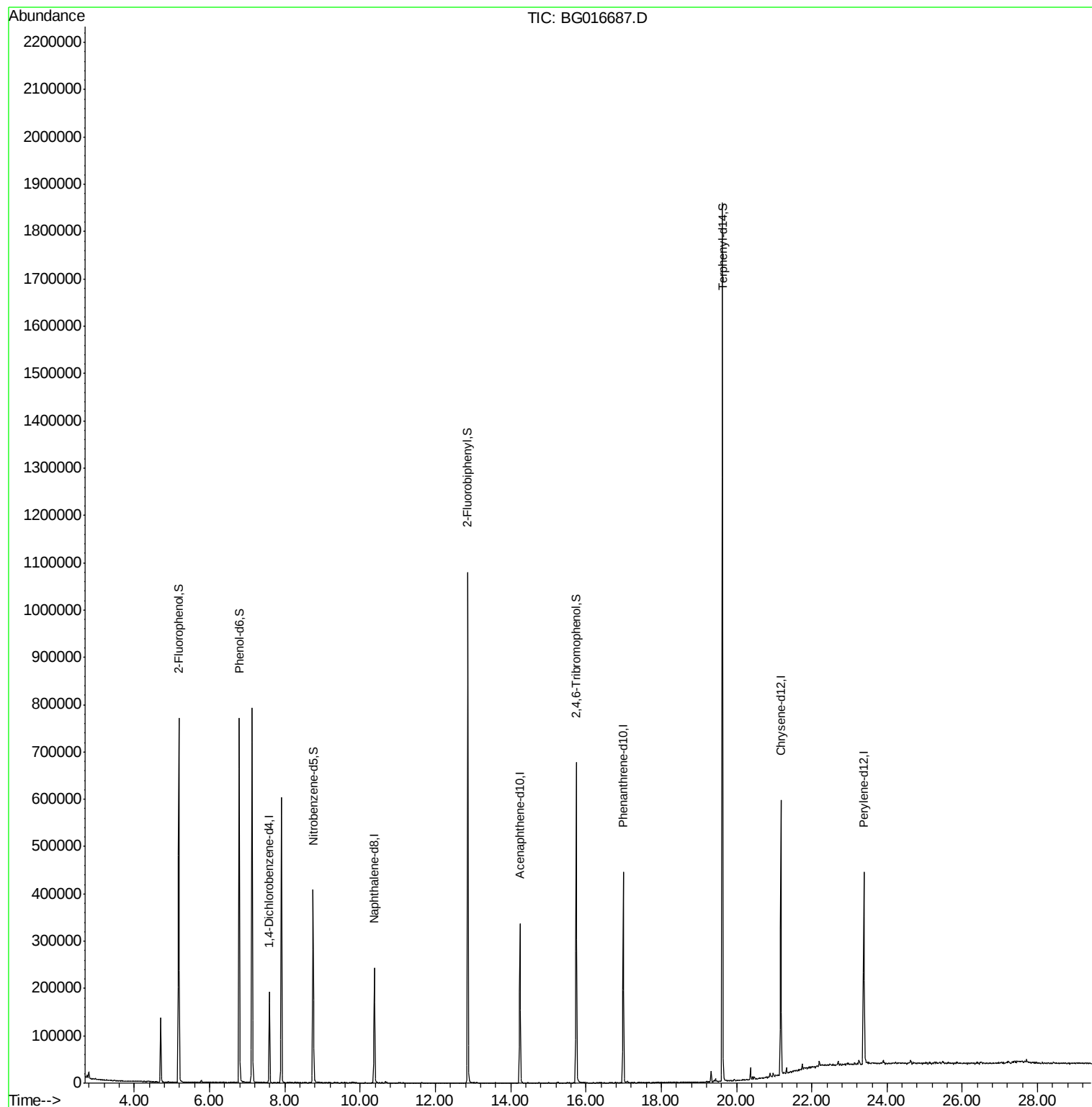
Target Compounds Qvalue

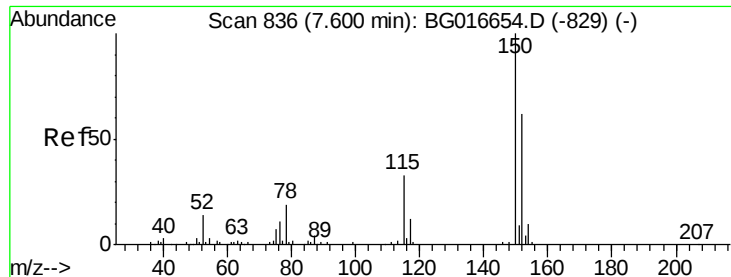
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 24 22:57:52 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG016687.D

Acq: 24 Apr 2015 17:35

Instrument :

BNA_G

ClientSampleId :

PB82924BL

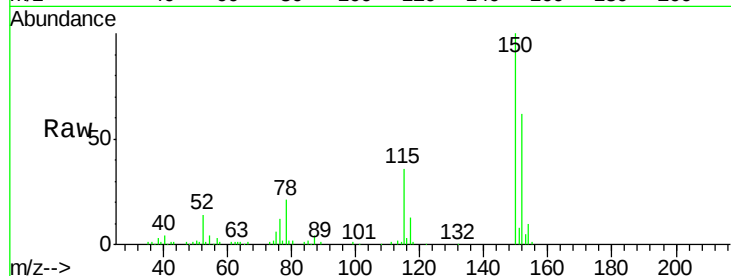
Tot Ion:152 Resp: 52941

Ion Ratio Lower Upper

152 100

150 161.6 129.6 194.4

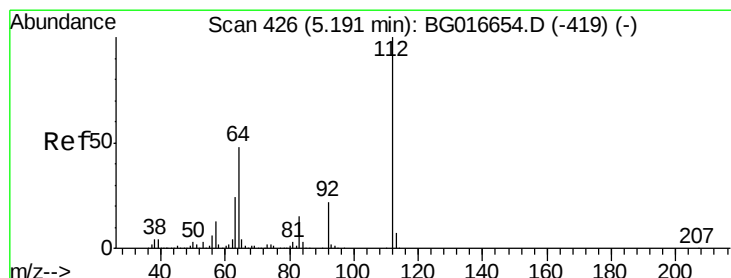
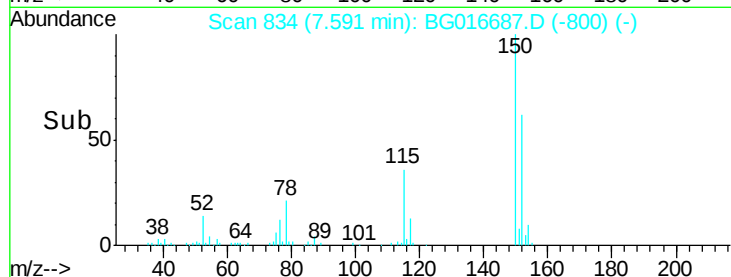
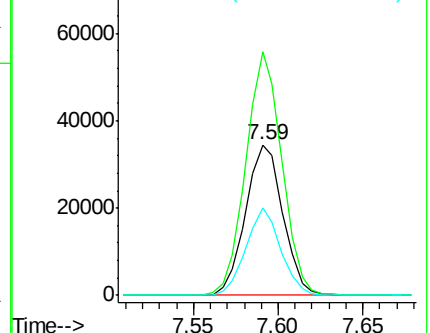
115 58.2 43.0 64.6



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: 117.18 ng

RT: 5.19 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG016687.D

Acq: 24 Apr 2015 17:35

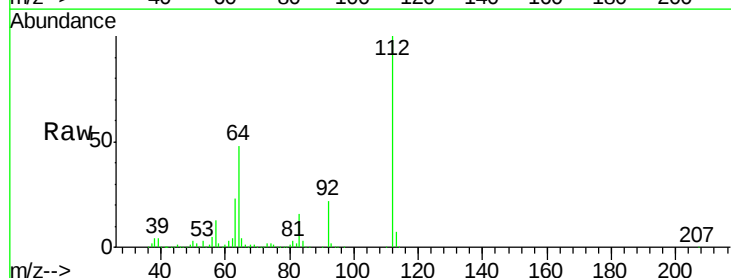
Tgt Ion:112 Resp: 382294

Ion Ratio Lower Upper

112 100

64 47.6 38.3 57.5

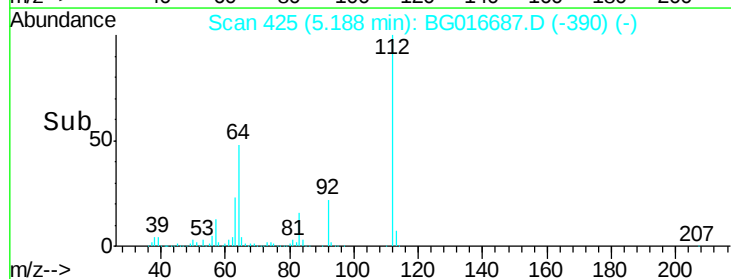
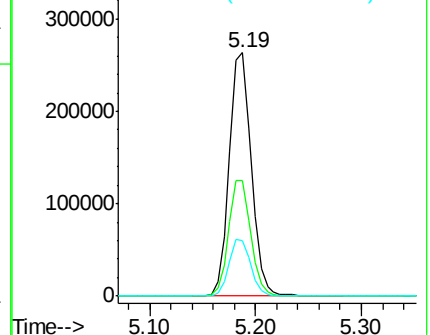
63 22.8 18.9 28.3

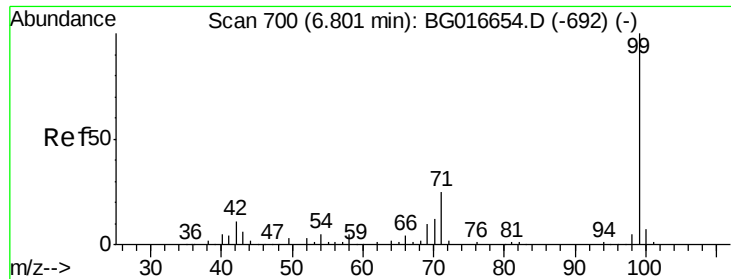


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.76 ng

RT: 6.79 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG016687.D

Acq: 24 Apr 2015 17:35

Instrument :

BNA_G

ClientSampleId :

PB82924BL

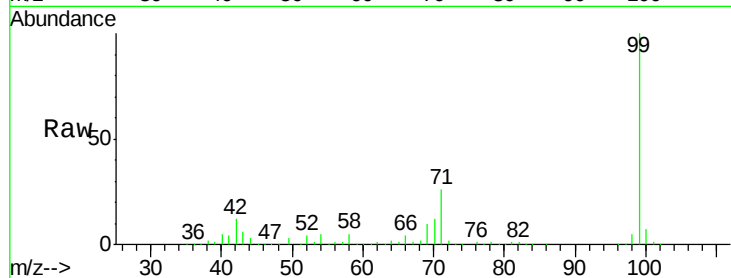
Tot Ion: 99 Resp: 497768

Ion Ratio Lower Upper

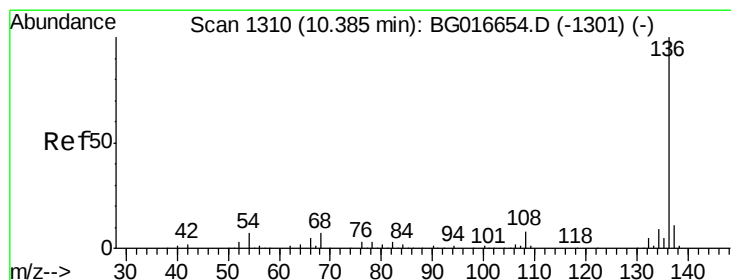
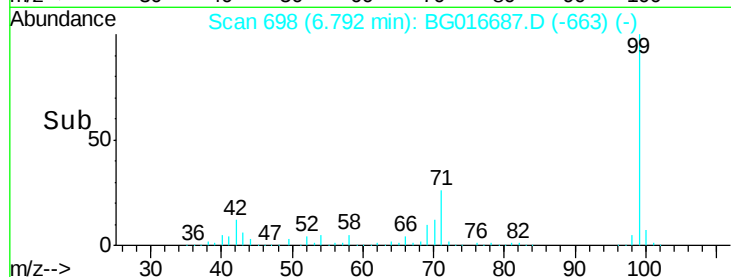
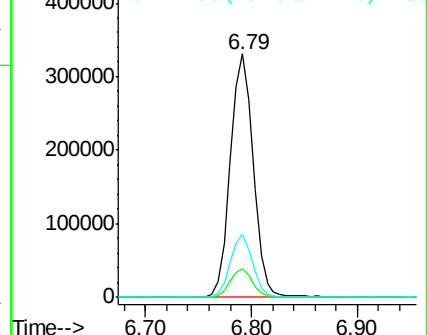
99 100

42 11.8 8.8 13.2

71 26.0 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: 10.38 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG016687.D

Acq: 24 Apr 2015 17:35

Tgt Ion: 136 Resp: 216422

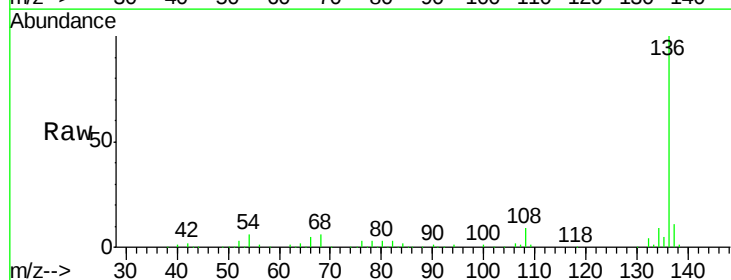
Ion Ratio Lower Upper

136 100

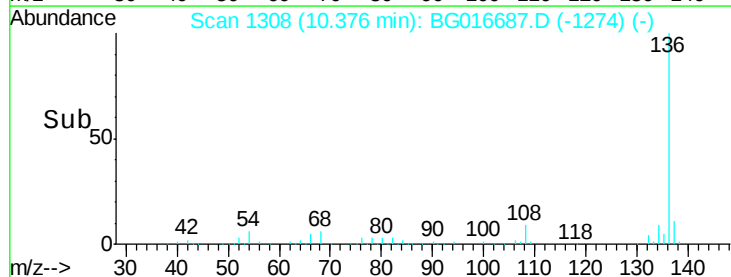
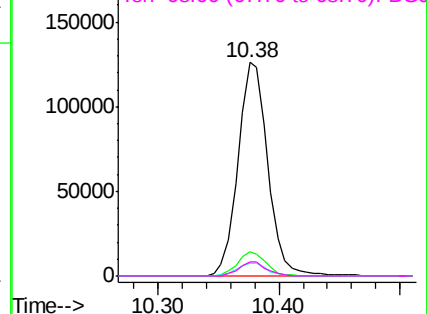
137 11.3 8.5 12.7

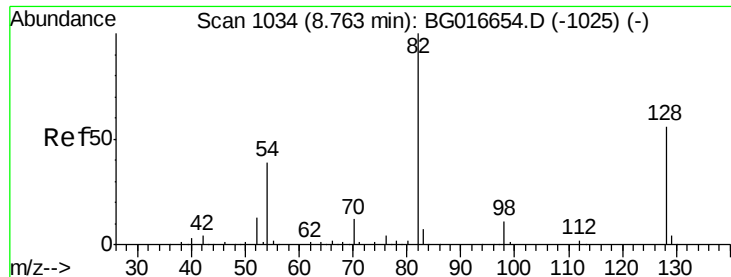
54 6.2 5.4 8.2

68 6.4 5.2 7.8



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

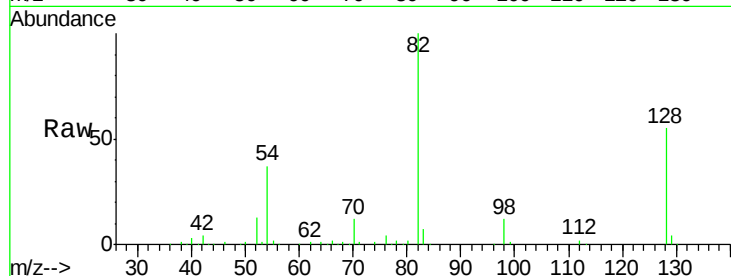




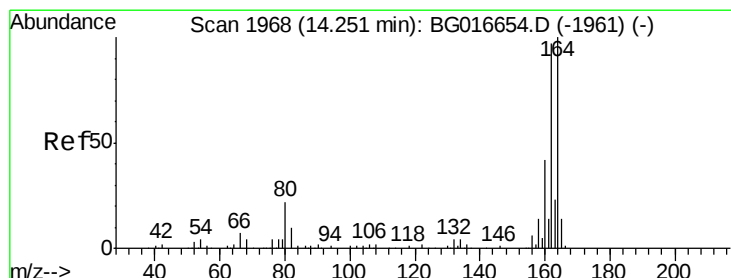
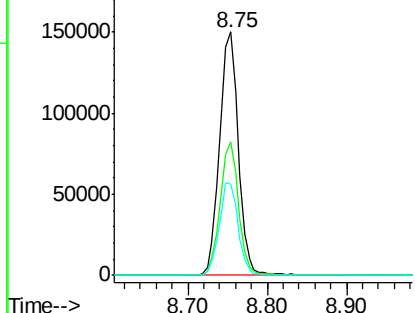
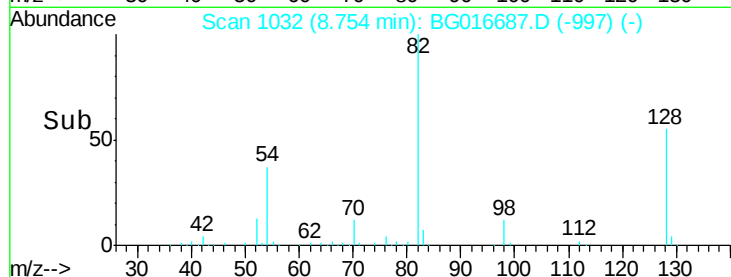
#23
 Nitrobenzene-d5
 Concen: 72.14 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG016687.D
 Acq: 24 Apr 2015 17:35

Instrument :
 BNA_G
 ClientSampleId :
 PB82924BL

Tot Ion: 82 Resp: 247094
 Ion Ratio Lower Upper
 82 100
 128 54.7 44.7 67.1
 54 37.5 30.9 46.3

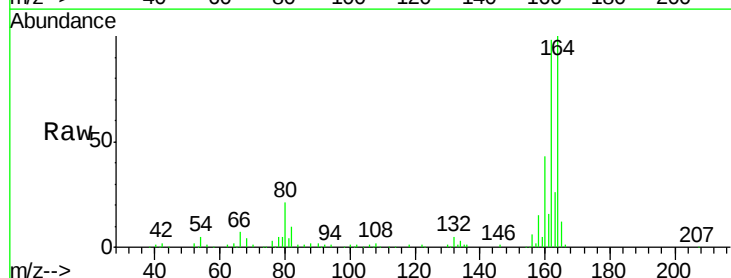


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

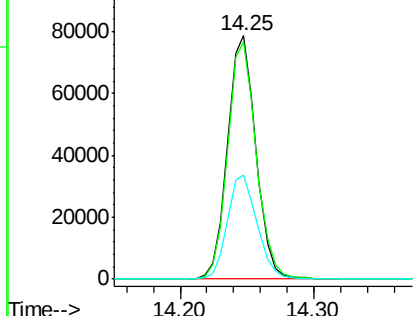
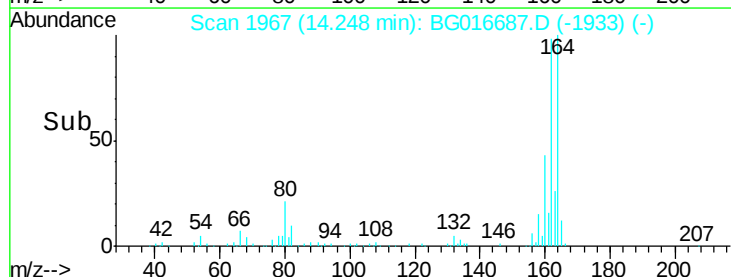


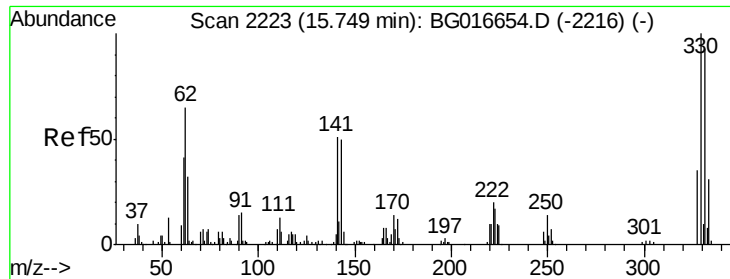
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG016687.D
 Acq: 24 Apr 2015 17:35

Tgt Ion:164 Resp: 116904
 Ion Ratio Lower Upper
 164 100
 162 97.7 77.3 115.9
 160 42.7 33.7 50.5



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

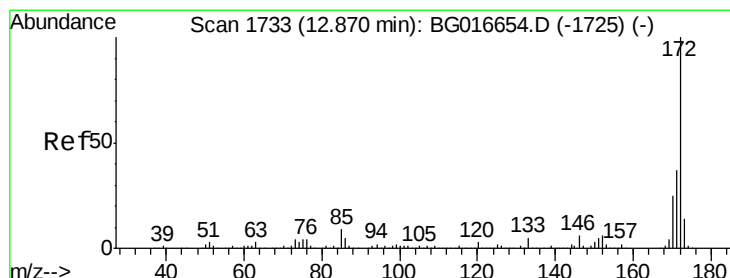
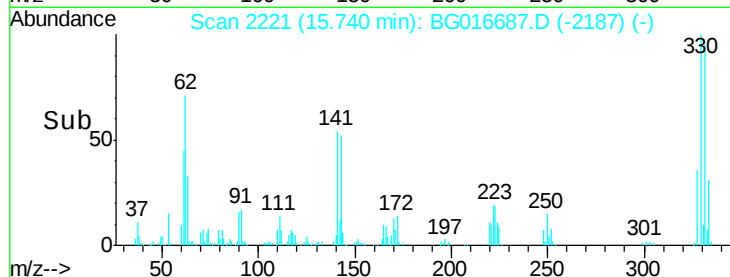
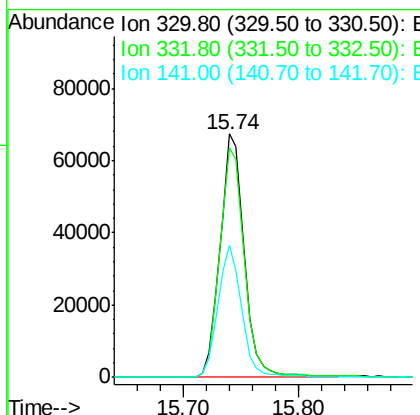
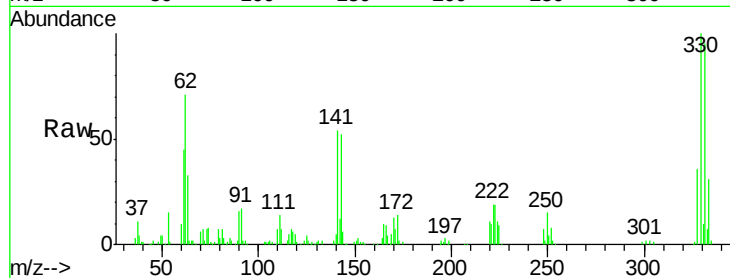




#41
 2,4,6-Tribromophenol
 Concen: 112.59 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG016687.D
 Acq: 24 Apr 2015 17:35

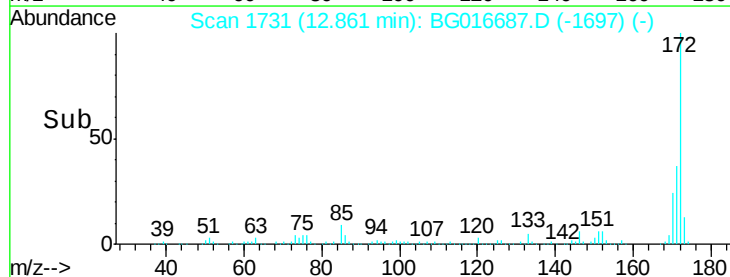
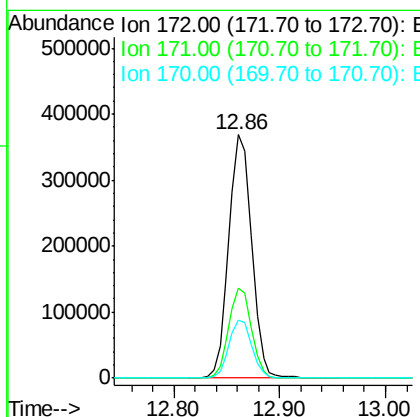
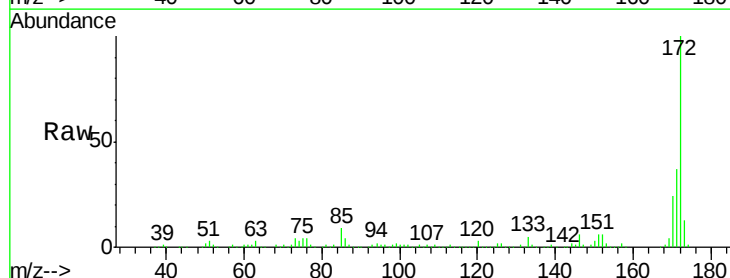
Instrument :
 BNA_G
 ClientSampled :
 PB82924BL

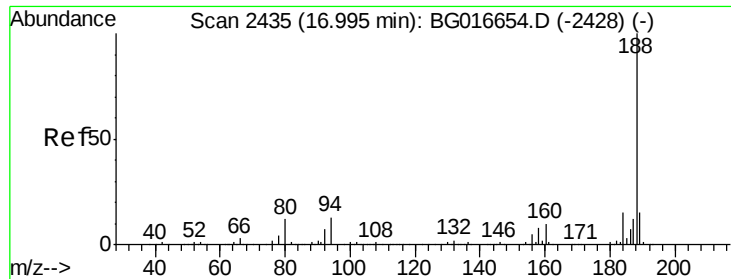
Tot Ion:330 Resp: 97642
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 53.6 43.0 64.6



#44
 2-Fluorobiphenyl
 Concen: 75.94 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG016687.D
 Acq: 24 Apr 2015 17:35

Tgt Ion:172 Resp: 552527
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.9 44.9
 170 23.7 19.8 29.8

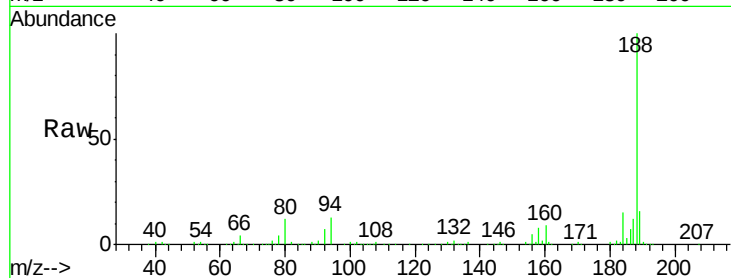




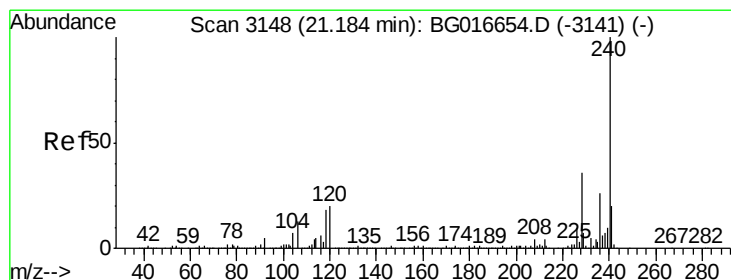
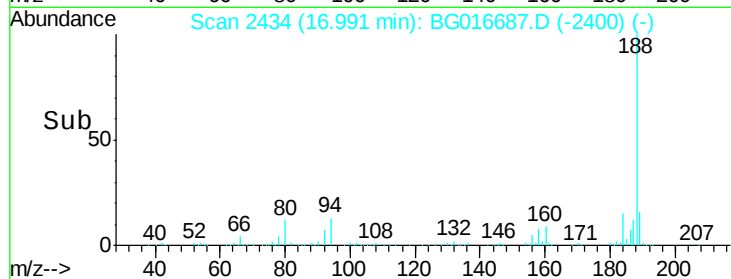
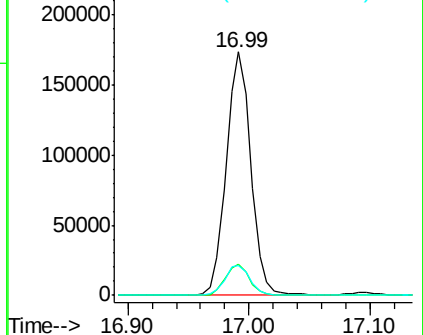
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG016687.D
Acq: 24 Apr 2015 17:35

Instrument :
BNA_G
ClientSampleId :
PB82924BL

Tot Ion:188 Resp: 244915
Ion Ratio Lower Upper
188 100
94 13.0 10.7 16.1
80 12.3 9.9 14.9

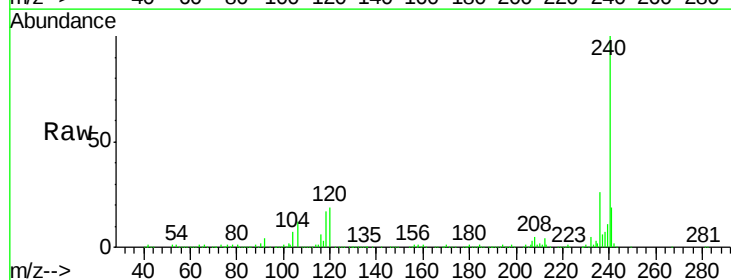


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

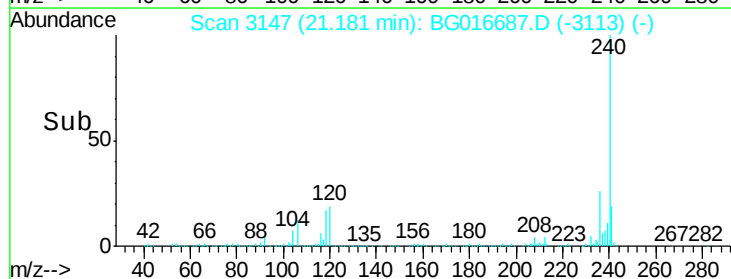
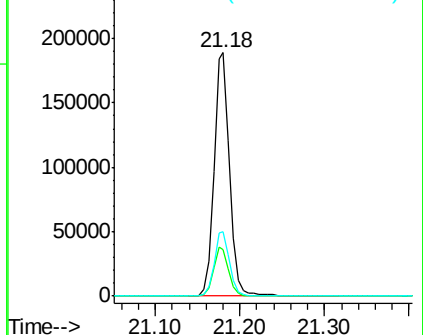


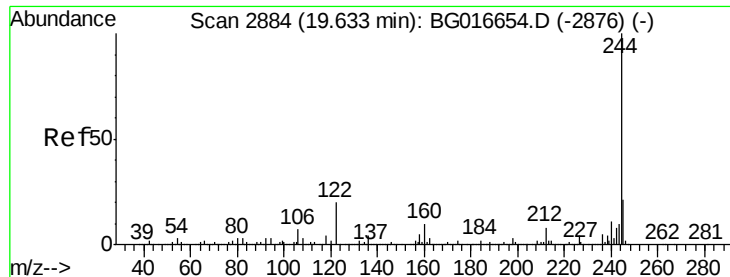
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016687.D
Acq: 24 Apr 2015 17:35

Tgt Ion:240 Resp: 247104
Ion Ratio Lower Upper
240 100
120 19.2 16.3 24.5
236 26.3 21.1 31.7



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: 67.84 ng

RT: 19.62 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG016687.D

Acq: 24 Apr 2015 17:35

Instrument :

BNA_G

ClientSampleId :

PB82924BL

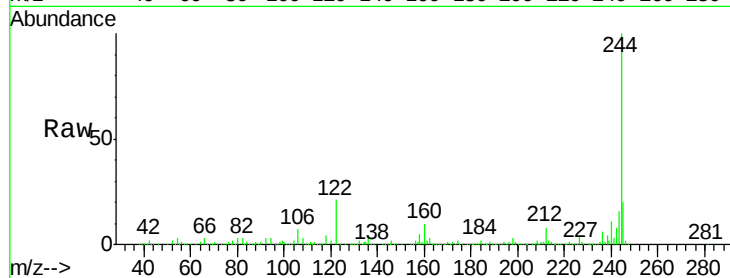
Tot Ion:244 Resp: 727727

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

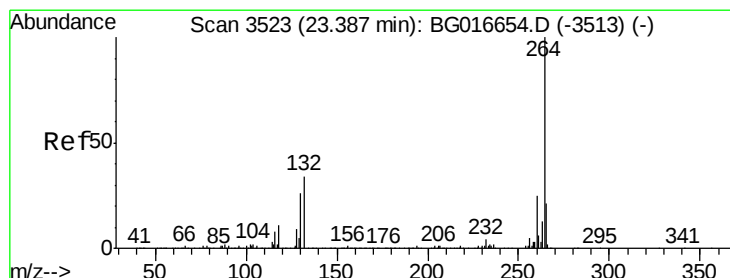
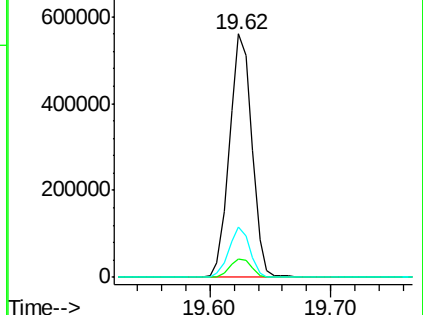
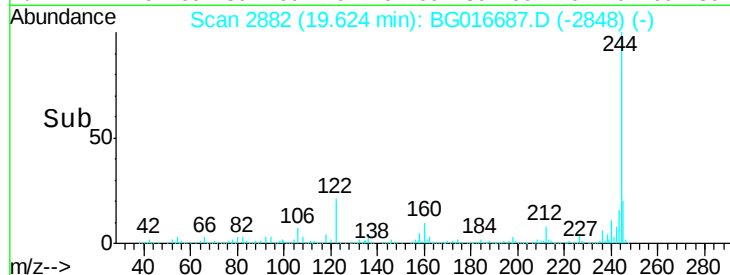
122 20.8 15.9 23.9



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: 23.38 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG016687.D

Acq: 24 Apr 2015 17:35

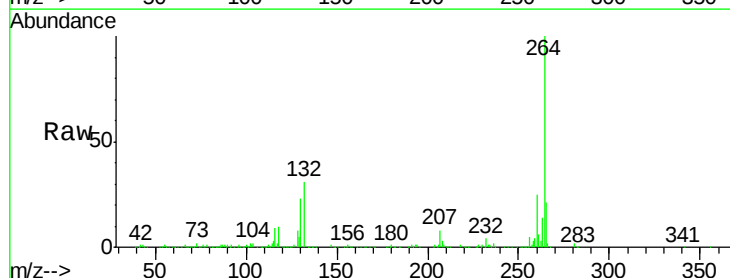
Tgt Ion:264 Resp: 234357

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 21.4 16.8 25.2



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

