

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042315\
 Data File : BG016670.D
 Acq On : 24 Apr 2015 3:14
 Operator : TP/IZ
 Sample : G1945-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Apr 24 04:42:04 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 04:29:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	57396	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	232289	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	131067	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	277879	20.00	ng	0.00
75) Chrysene-d12	21.18	240	269578	20.00	ng	0.00
86) Perylene-d12	23.39	264	246684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	212922	60.20	ng	0.00
7) Phenol-d6	6.79	99	168487	33.96	ng	0.00
23) Nitrobenzene-d5	8.76	82	354527	96.44	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	141759	145.79	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	807669	99.01	ng	0.00
78) Terphenyl-d14	19.63	244	1022952	87.41	ng	0.00

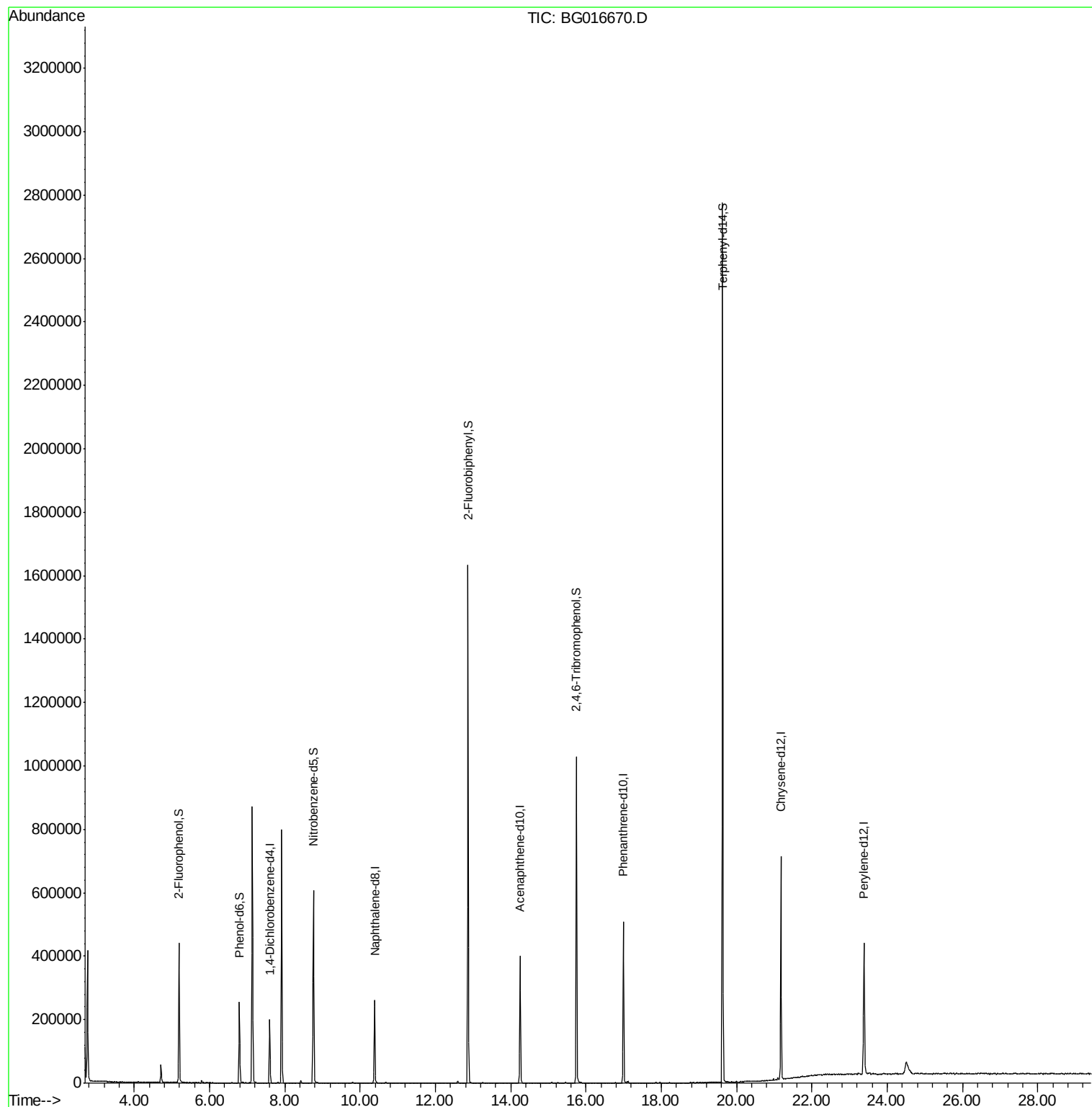
Target Compounds	Qvalue
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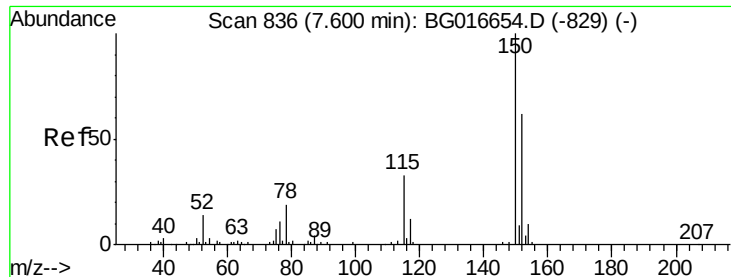
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG016670.D

Acq: 24 Apr 2015 3:14

Instrument :

BNA_G

ClientSampleId :

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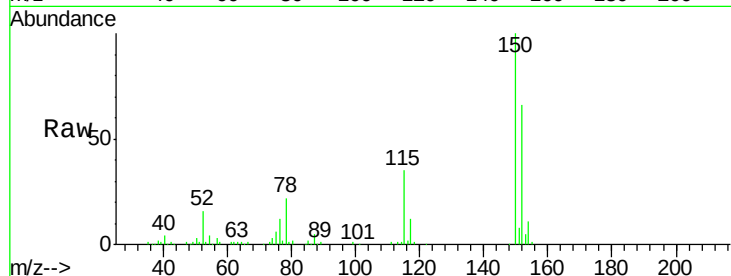
Tgt Ion:152 Resp: 57396

Ion Ratio Lower Upper

152 100

150 152.5 129.6 194.4

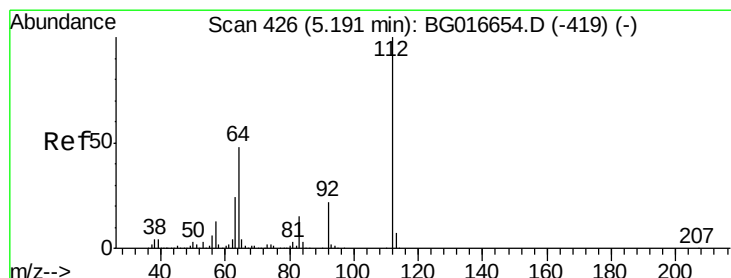
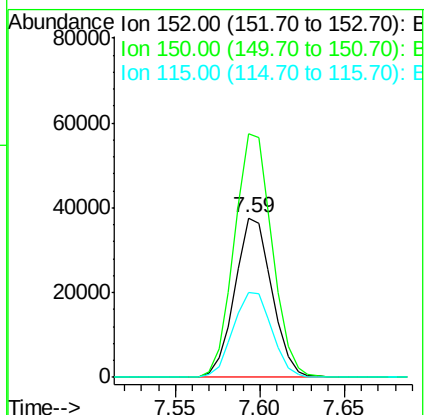
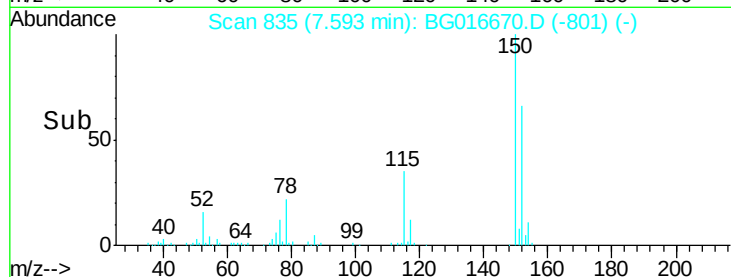
115 53.3 43.0 64.6



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: 60.20 ng

RT: 5.19 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG016670.D

Acq: 24 Apr 2015 3:14

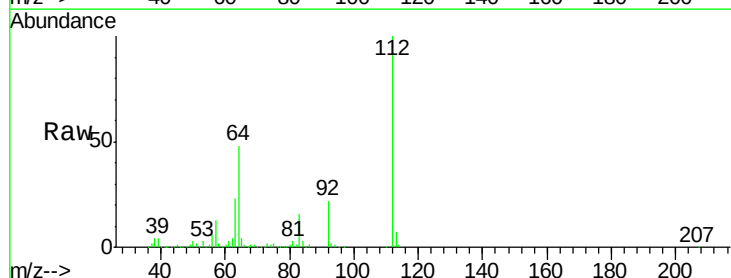
Tgt Ion:112 Resp: 212922

Ion Ratio Lower Upper

112 100

64 48.0 38.3 57.5

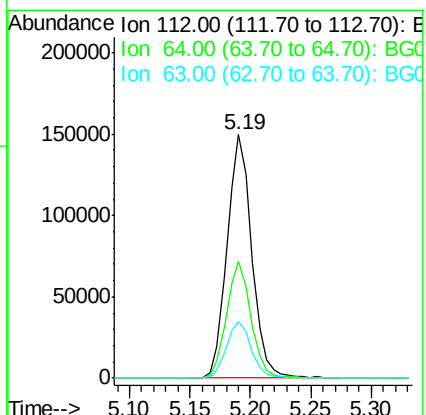
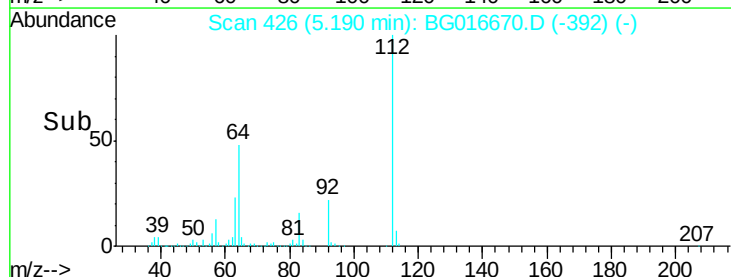
63 23.3 18.9 28.3

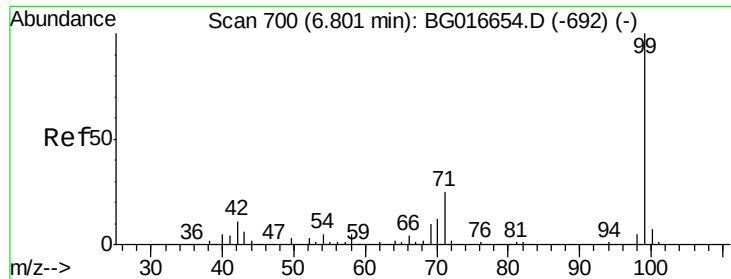


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.96 ng

RT: 6.79 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG016670.D

Acq: 24 Apr 2015 3:14

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

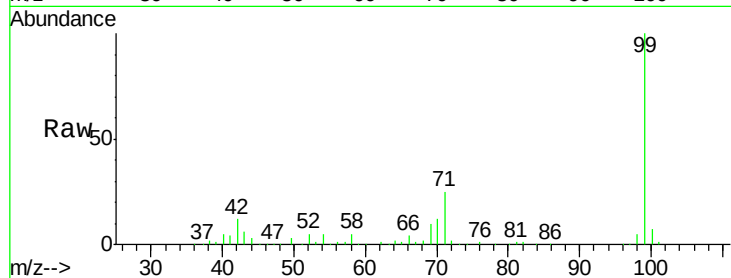
Tgt Ion: 99 Resp: 168487

Ion Ratio Lower Upper

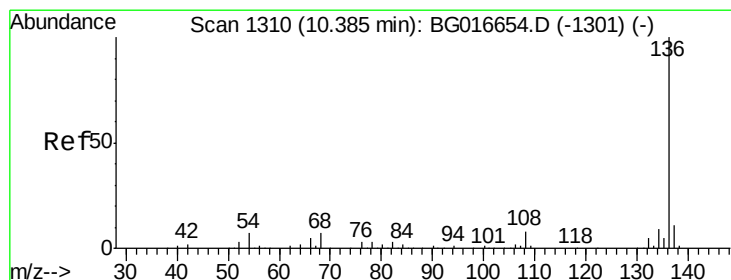
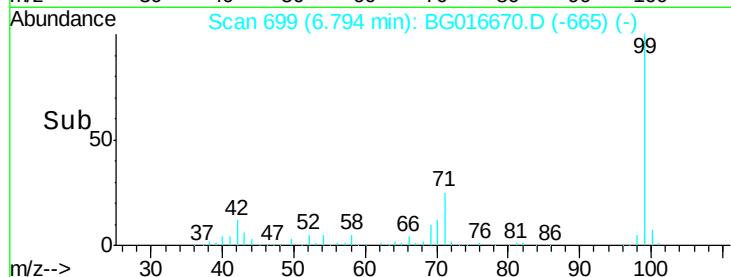
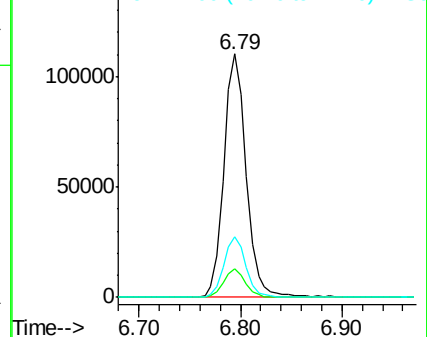
99 100

42 11.8 8.8 13.2

71 24.6 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: 10.38 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BG016670.D

Acq: 24 Apr 2015 3:14

Tgt Ion: 136 Resp: 232289

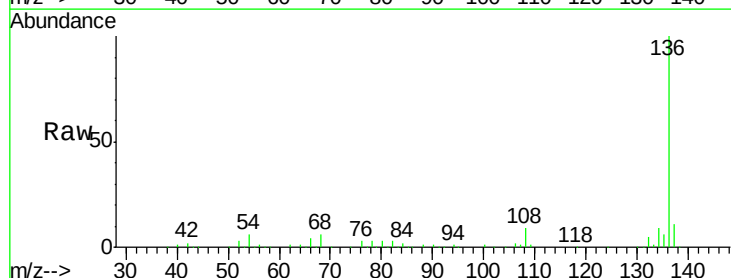
Ion Ratio Lower Upper

136 100

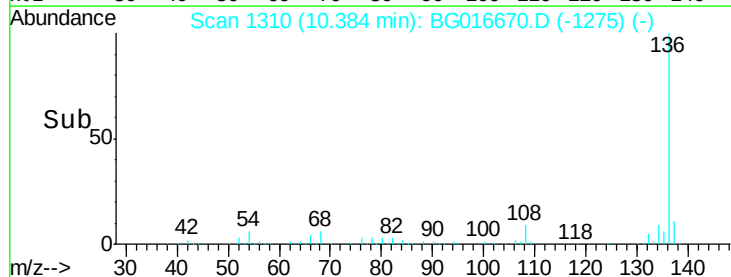
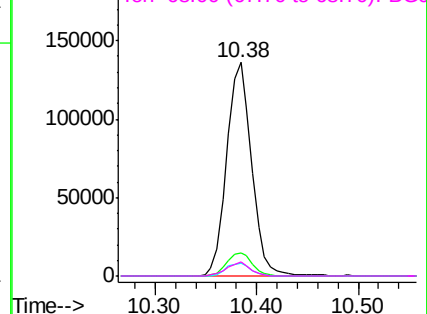
137 10.9 8.5 12.7

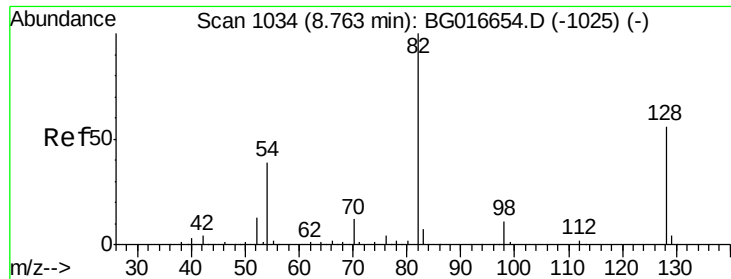
54 6.3 5.4 8.2

68 6.5 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

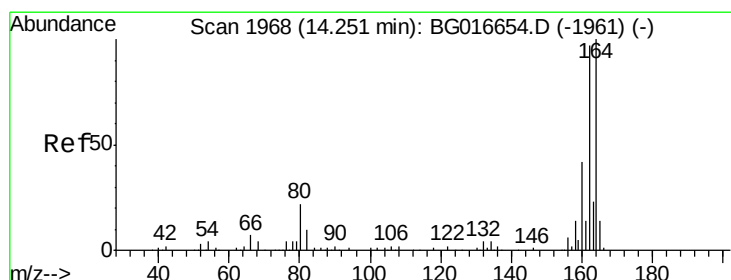
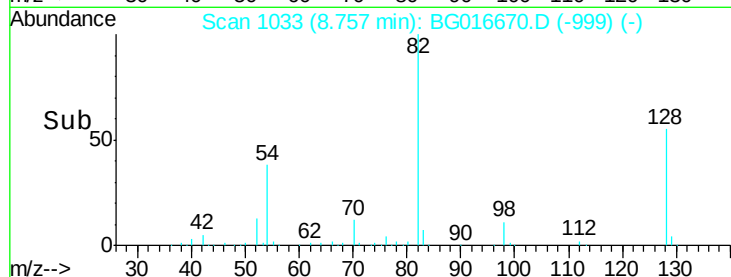
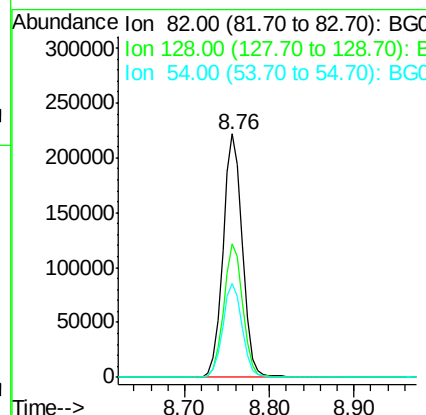
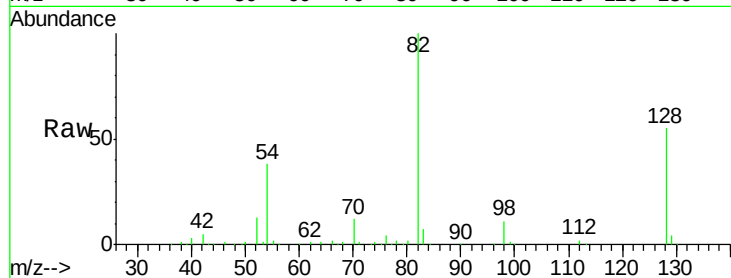




#23
 Nitrobenzene-d5
 Concen: 96.44 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG016670.D
 Acq: 24 Apr 2015 3:14

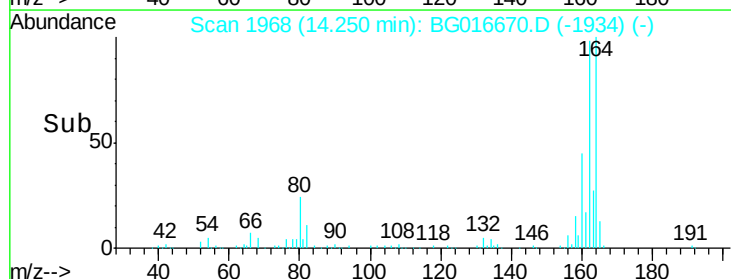
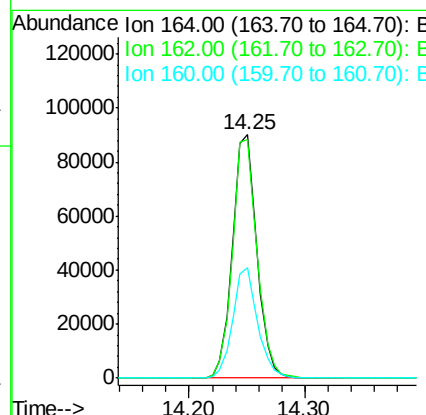
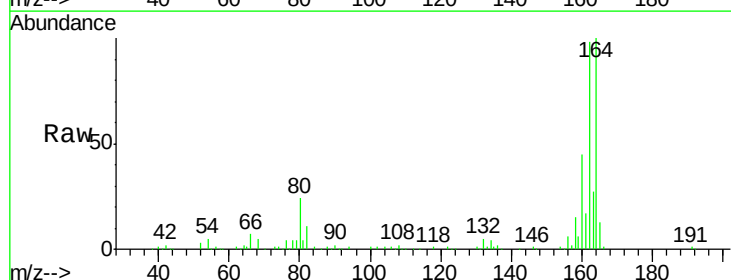
Instrument :
 BNA_G
 ClientSampleId :
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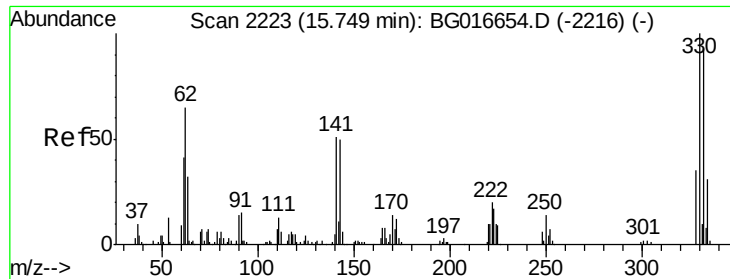
Tgt Ion: 82 Resp: 354527
 Ion Ratio Lower Upper
 82 100
 128 54.8 44.7 67.1
 54 38.4 30.9 46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG016670.D
 Acq: 24 Apr 2015 3:14

Tgt Ion: 164 Resp: 131067
 Ion Ratio Lower Upper
 164 100
 162 97.8 77.3 115.9
 160 45.4 33.7 50.5

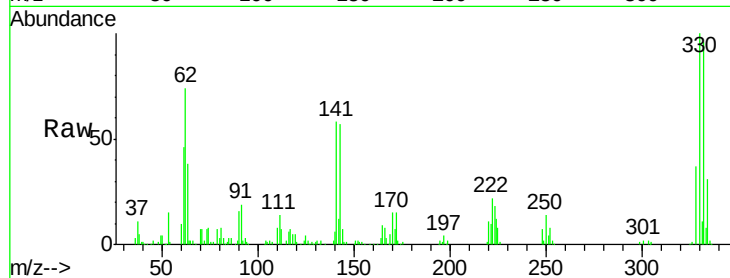




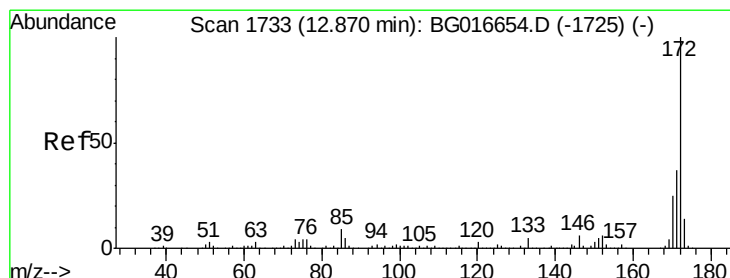
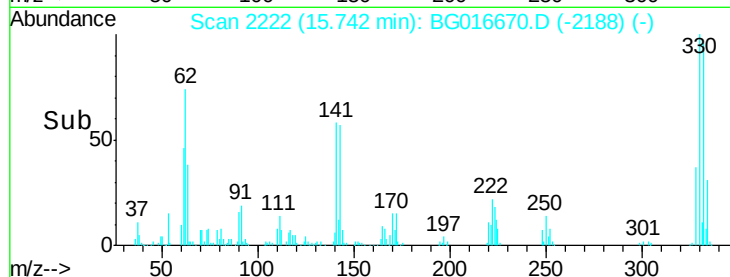
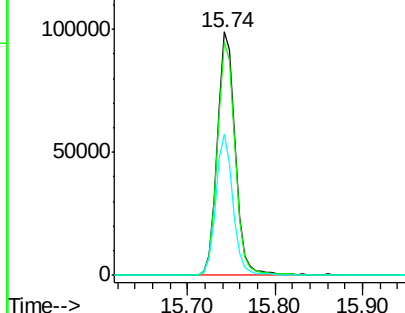
#41
 2,4,6-Tribromophenol
 Concen: 145.79 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG016670.D
 Acq: 24 Apr 2015 3:14

Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK

Tgt Ion:330 Resp: 141759
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.4
 141 55.3 43.0 64.6

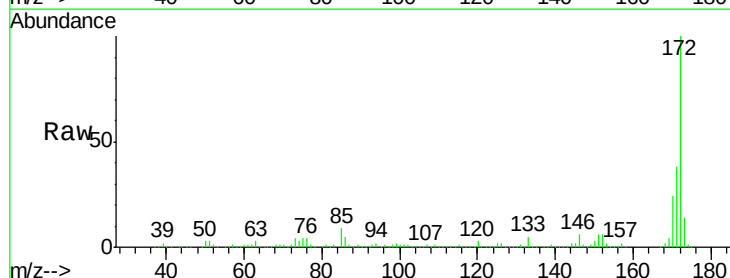


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

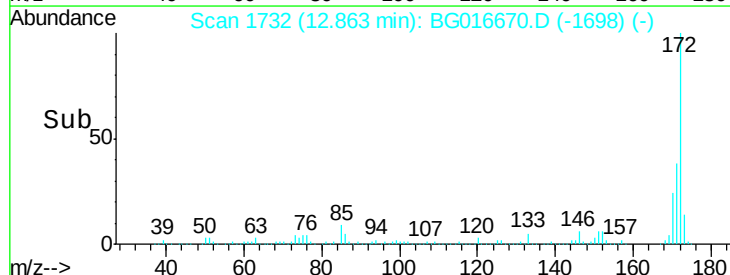
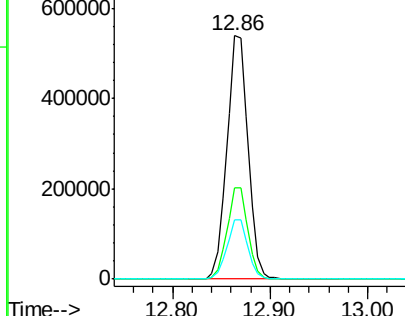


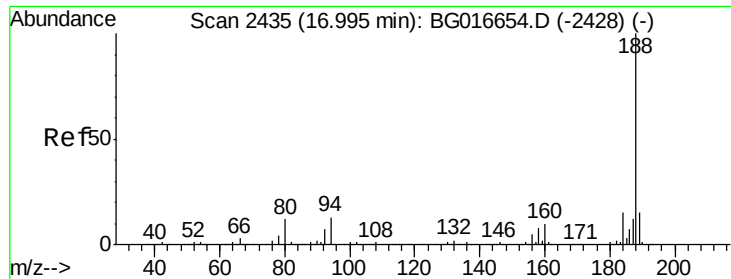
#44
 2-Fluorobiphenyl
 Concen: 99.01 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG016670.D
 Acq: 24 Apr 2015 3:14

Tgt Ion:172 Resp: 807669
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.9 44.9
 170 24.4 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: 16.99 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG016670.D

Acq: 24 Apr 2015 3:14

Instrument :

BNA_G

ClientSampled :

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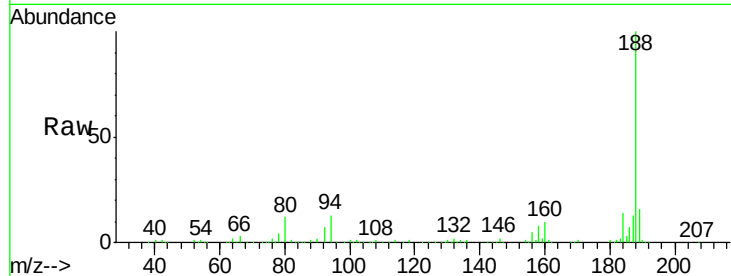
Tgt Ion:188 Resp: 277879

Ion Ratio Lower Upper

188 100

94 12.8 10.7 16.1

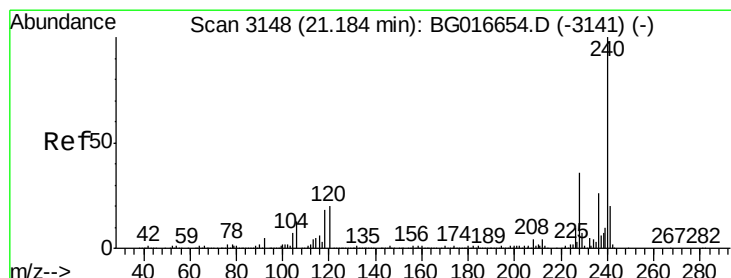
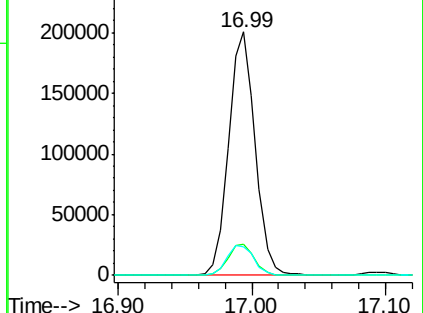
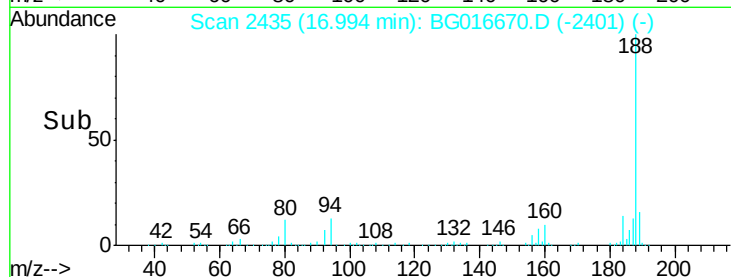
80 11.8 9.9 14.9



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: BG016670.D

Acq: 24 Apr 2015 3:14

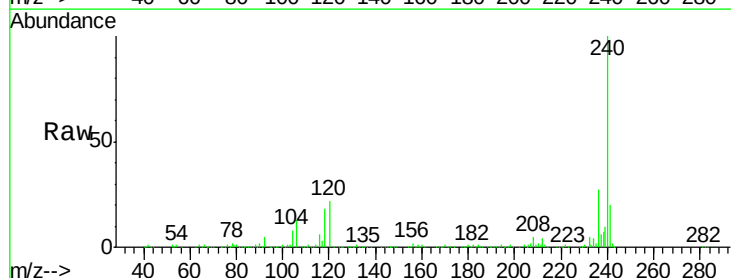
Tgt Ion:240 Resp: 269578

Ion Ratio Lower Upper

240 100

120 21.8 16.3 24.5

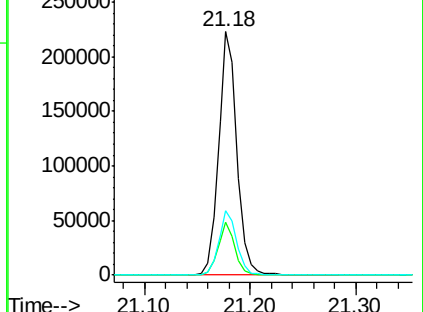
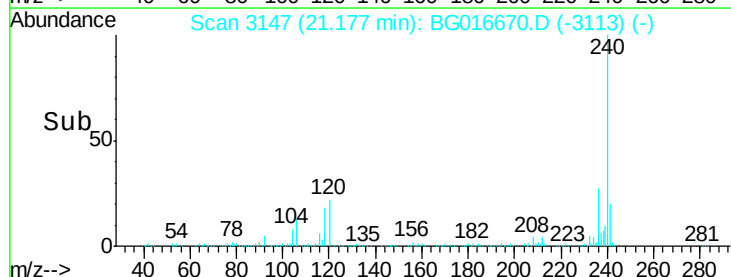
236 26.6 21.1 31.7

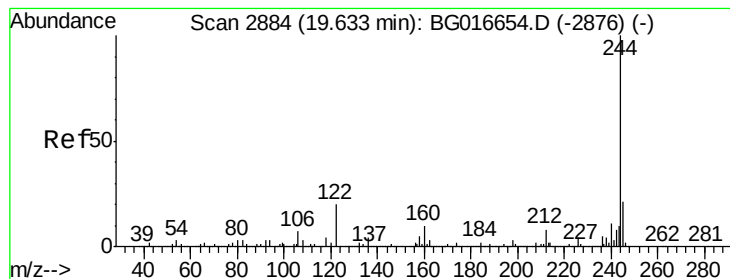


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.41 ng

RT: 19.63 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG016670.D

Acq: 24 Apr 2015 3:14

Instrument :

BNA_G

ClientSampleId :

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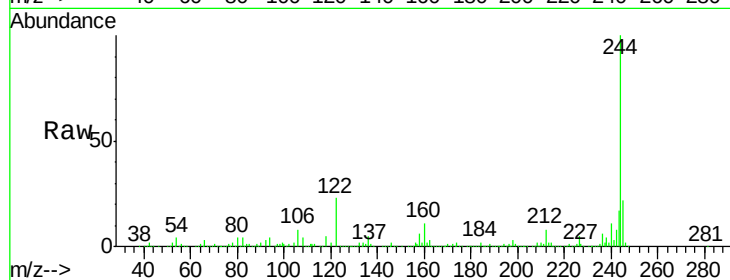
Tgt Ion:244 Resp: 1022952

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

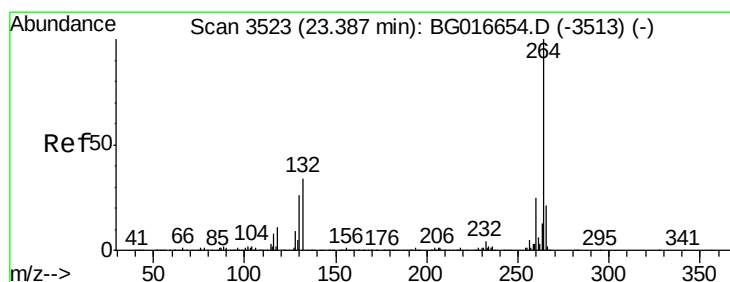
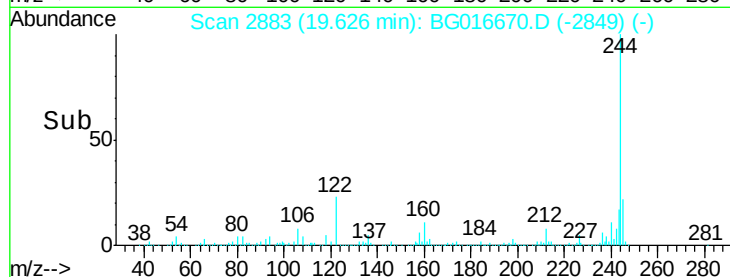
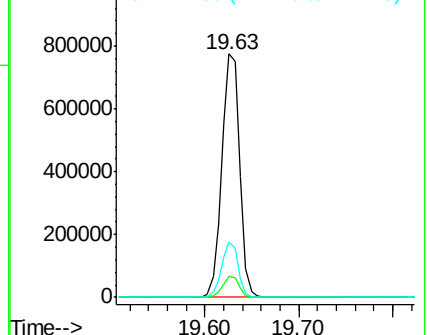
122 23.0 15.9 23.9



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: 23.39 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG016670.D

Acq: 24 Apr 2015 3:14

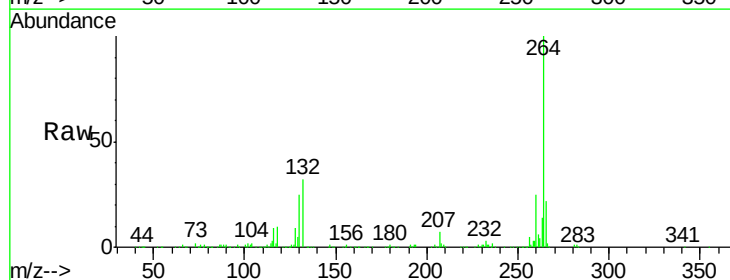
Tgt Ion:264 Resp: 246684

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 21.9 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

