

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
 Data File : BG016714.D
 Acq On : 25 Apr 2015 13:03
 Operator : TP/IZ
 Sample : G2006-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB

Quant Time: Apr 27 01:37:31 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 00:50:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	38828	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	166307	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	96620	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	211043	20.00	ng	0.00
75) Chrysene-d12	21.18	240	210793	20.00	ng	0.00
86) Perylene-d12	23.38	264	199882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	111698	46.68	ng	0.00
7) Phenol-d6	6.79	99	94534	28.16	ng	0.00
23) Nitrobenzene-d5	8.75	82	322601	122.57	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	79998	111.61	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	752269	125.09	ng	0.00
78) Terphenyl-d14	19.63	244	977649	106.84	ng	0.00

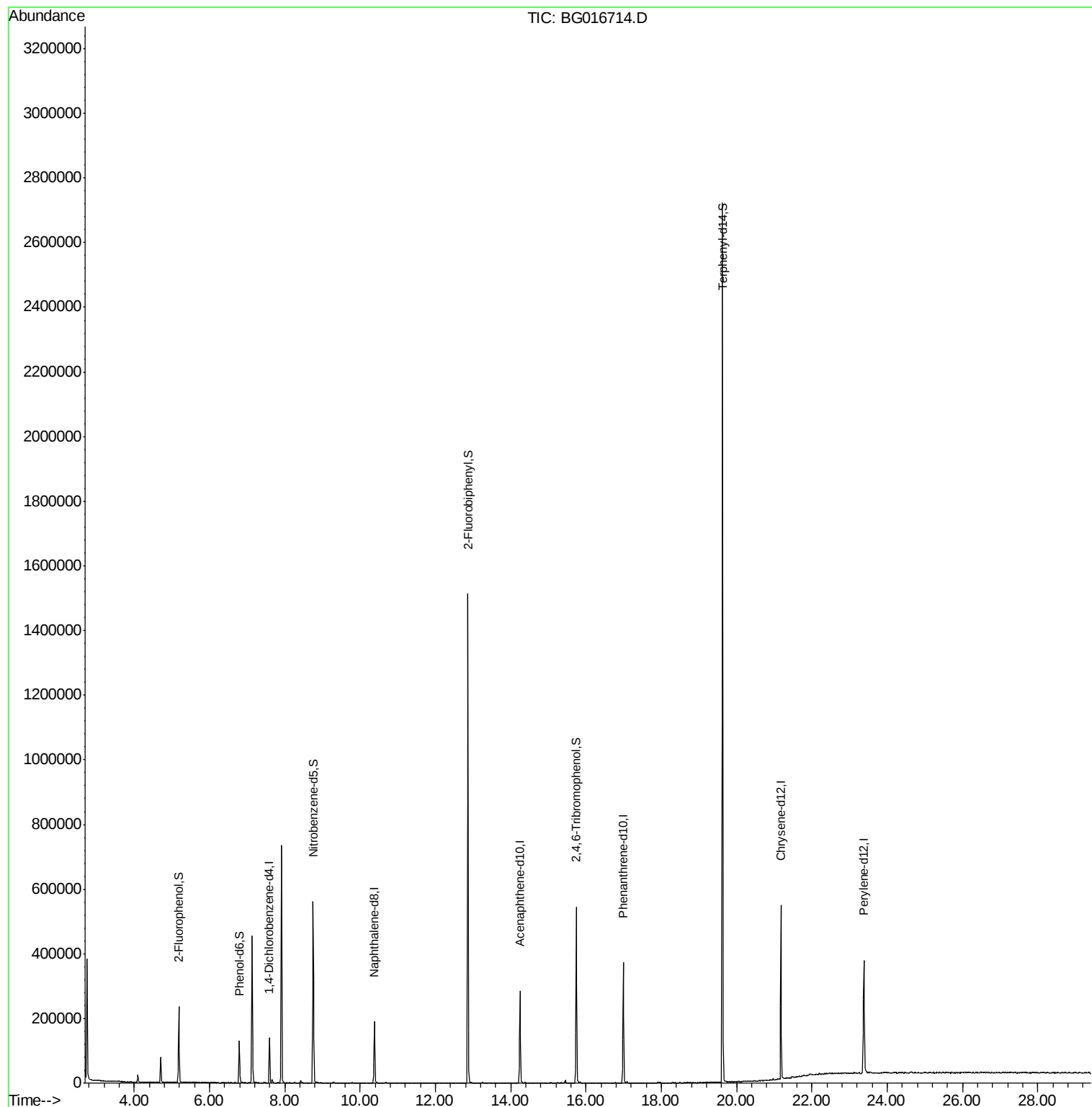
Target Compounds	Qvalue
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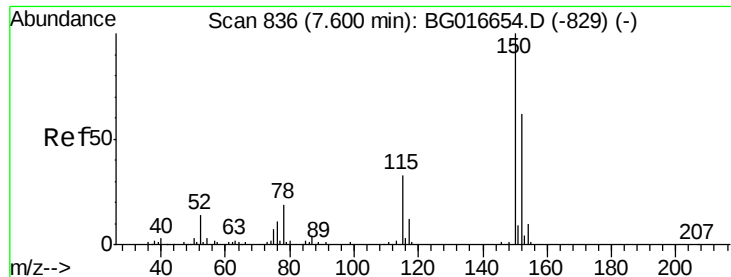
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG016714.D

Acq: 25 Apr 2015 13:03

Instrument :

BNA_G

ClientSampled :

FB

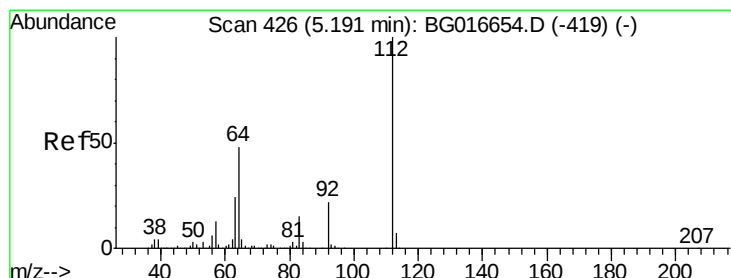
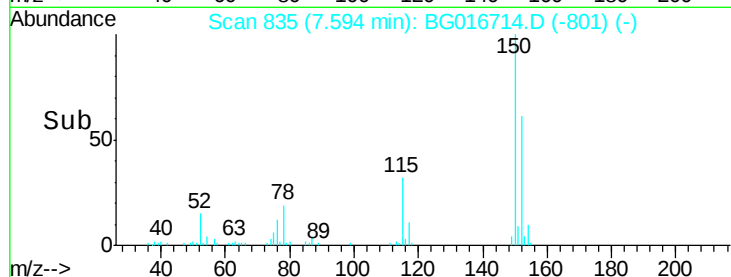
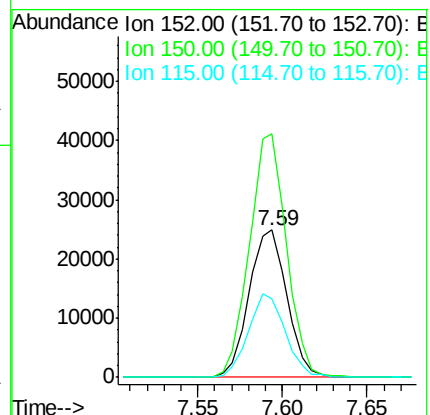
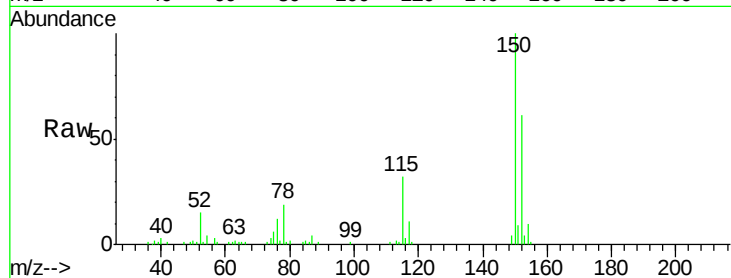
Tot Ion:152 Resp: 38828

Ion Ratio Lower Upper

152 100

150 165.2 129.6 194.4

115 53.6 43.0 64.6



#5

2-Fluorophenol

Concen: 46.68 ng

RT: 5.19 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG016714.D

Acq: 25 Apr 2015 13:03

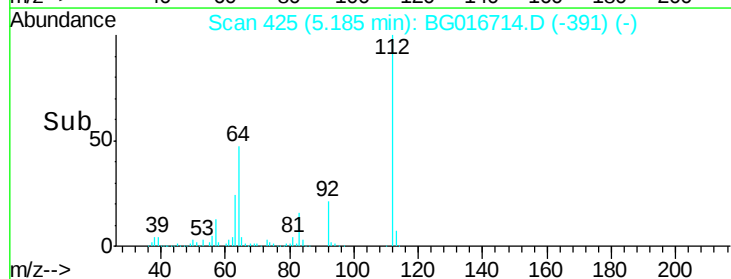
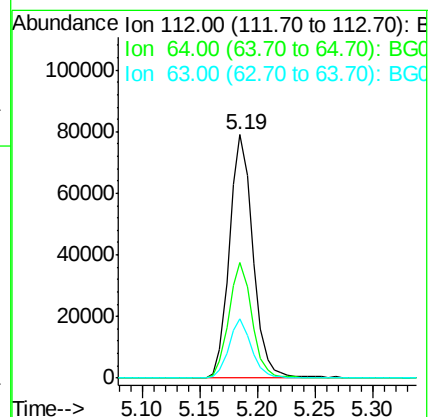
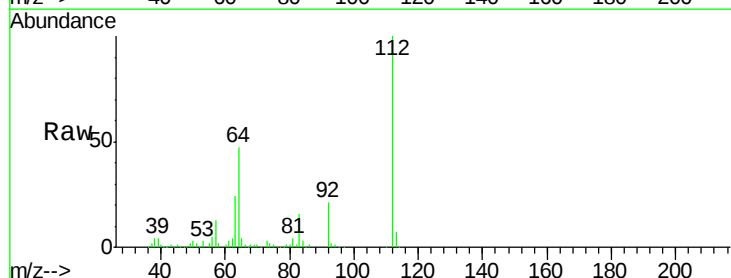
Tgt Ion:112 Resp: 111698

Ion Ratio Lower Upper

112 100

64 47.3 38.3 57.5

63 24.2 18.9 28.3





#7

Phenol-d6

Concen: 28.16 ng

RT: 6.79 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG016714.D

Acq: 25 Apr 2015 13:03

Instrument :

BNA_G

ClientSampleId :

FB

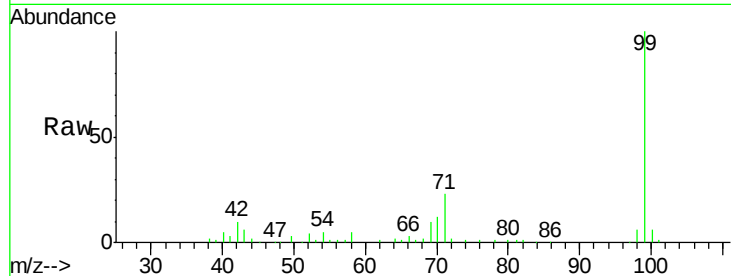
Tot Ion: 99 Resp: 94534

Ion Ratio Lower Upper

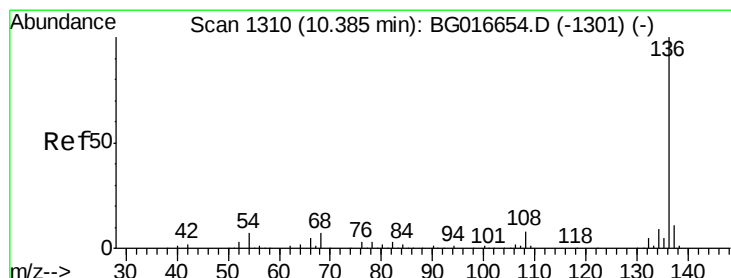
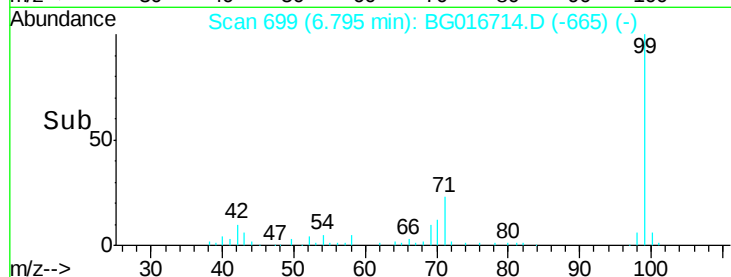
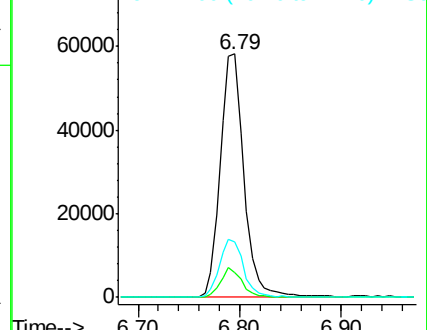
99 100

42 10.0 8.8 13.2

71 22.5 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# 1309

Delta R.T. 0.00 min

Lab File: BG016714.D

Acq: 25 Apr 2015 13:03

Tgt Ion: 136 Resp: 166307

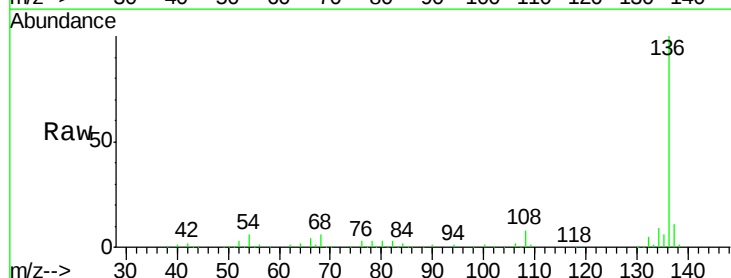
Ion Ratio Lower Upper

136 100

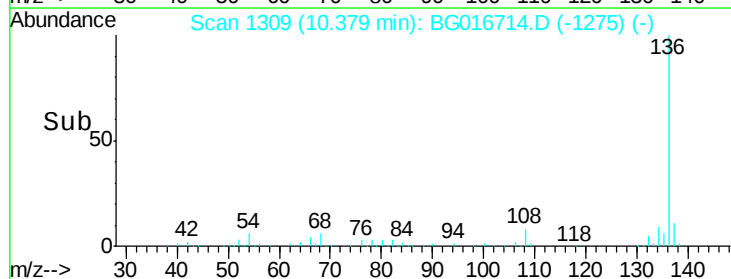
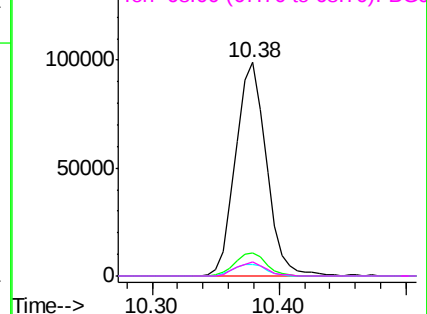
137 10.9 8.5 12.7

54 5.6 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

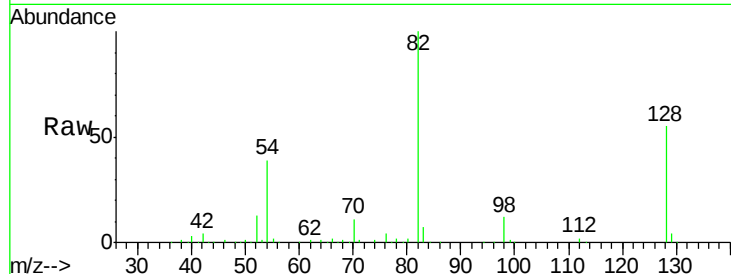




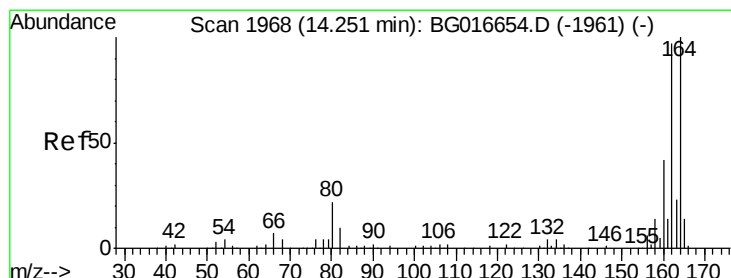
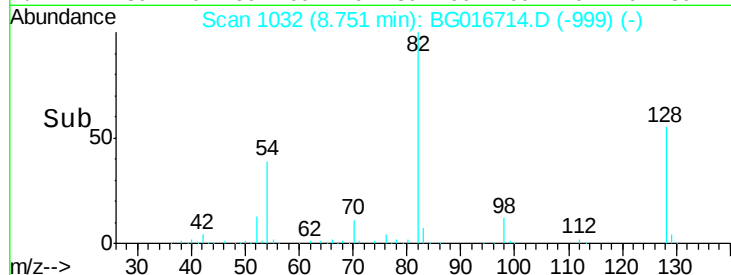
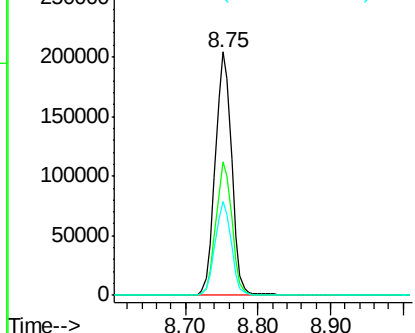
#23
 Nitrobenzene-d5
 Concen: 122.57 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG016714.D
 Acq: 25 Apr 2015 13:03

Instrument :
 BNA_G
 ClientSampleId :
 FB

Tot Ion: 82 Resp: 322601
 Ion Ratio Lower Upper
 82 100
 128 55.1 44.7 67.1
 54 38.6 30.9 46.3

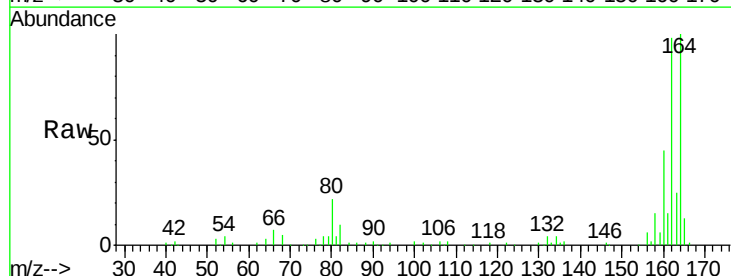


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

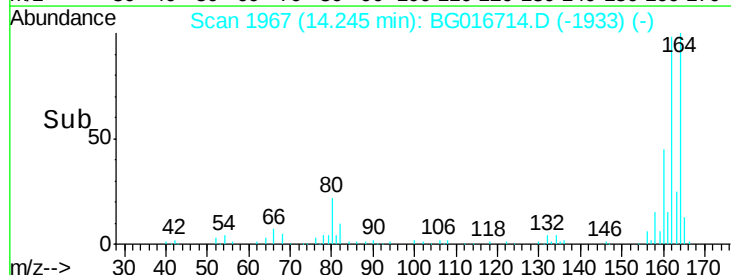
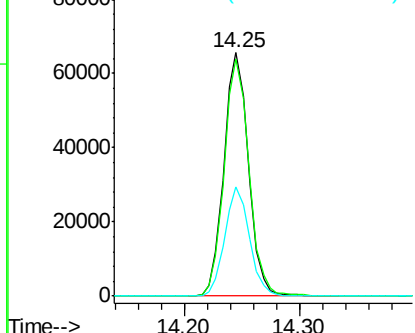


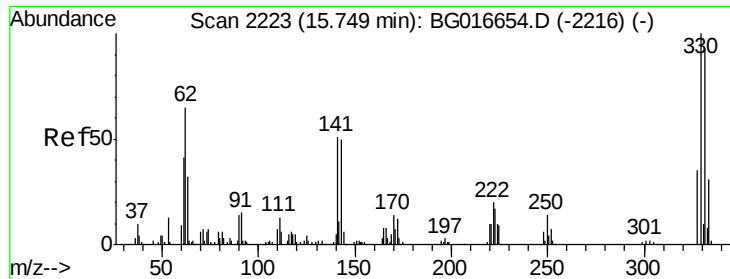
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG016714.D
 Acq: 25 Apr 2015 13:03

Tgt Ion:164 Resp: 96620
 Ion Ratio Lower Upper
 164 100
 162 97.7 77.3 115.9
 160 45.0 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: 111.61 ng

RT: 15.74 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG016714.D

Acq: 25 Apr 2015 13:03

Instrument :

BNA_G

ClientSampleId :

FB

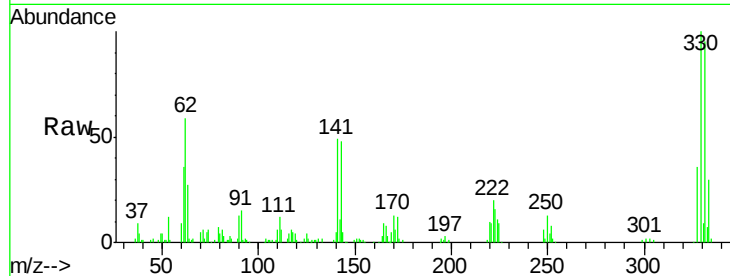
Tot Ion:330 Resp: 79998

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

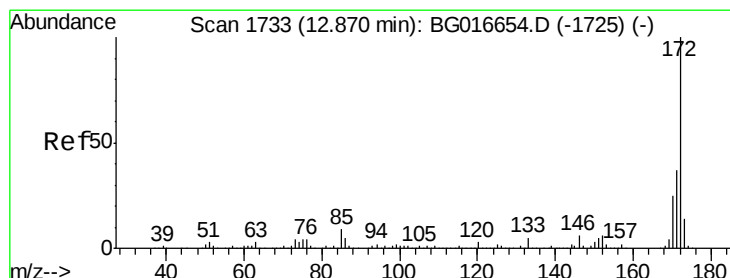
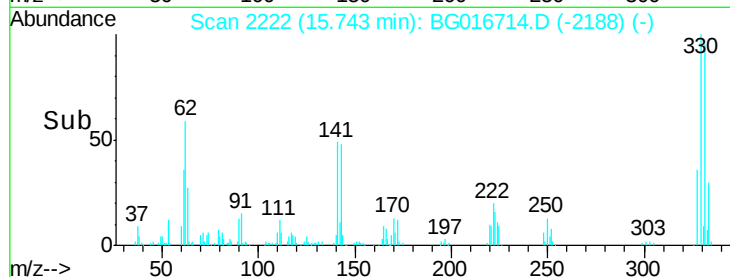
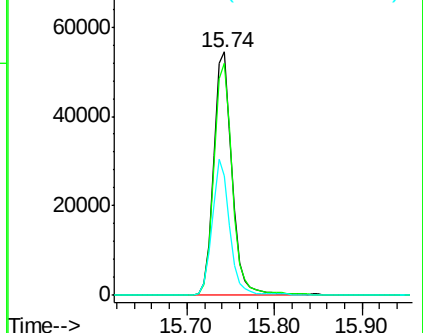
141 52.4 43.0 64.6



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: 125.09 ng

RT: 12.86 min Scan# 1732

Delta R.T. 0.00 min

Lab File: BG016714.D

Acq: 25 Apr 2015 13:03

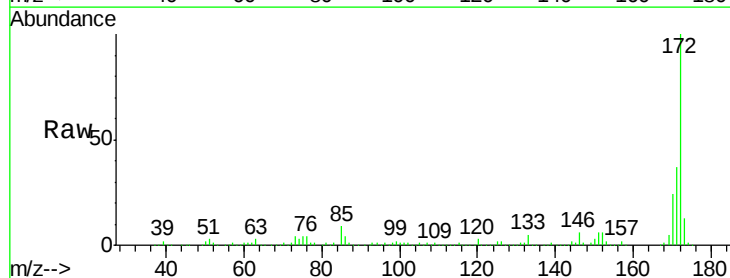
Tgt Ion:172 Resp: 752269

Ion Ratio Lower Upper

172 100

171 36.9 29.9 44.9

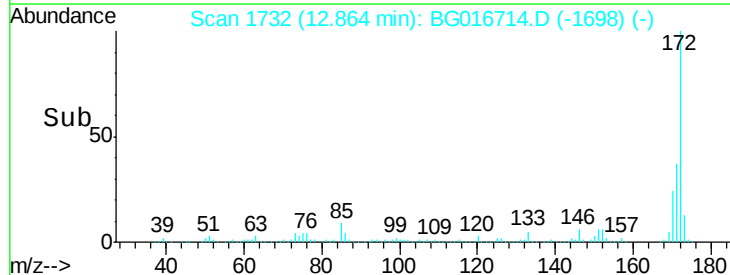
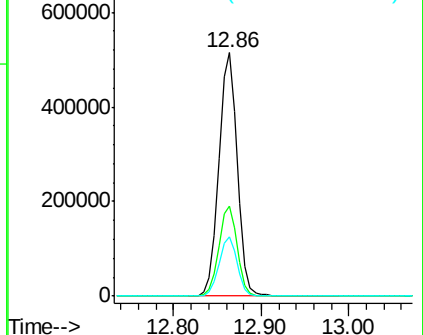
170 24.1 19.8 29.8

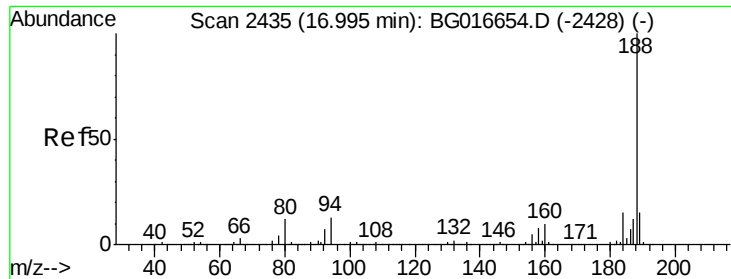


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

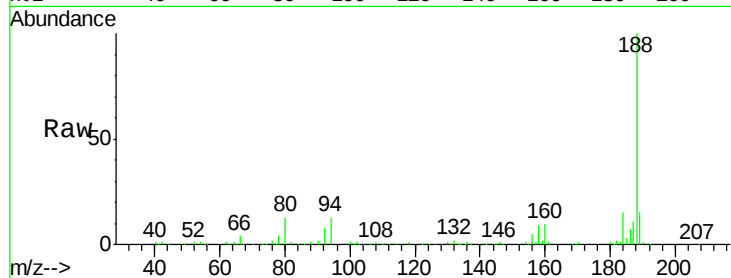




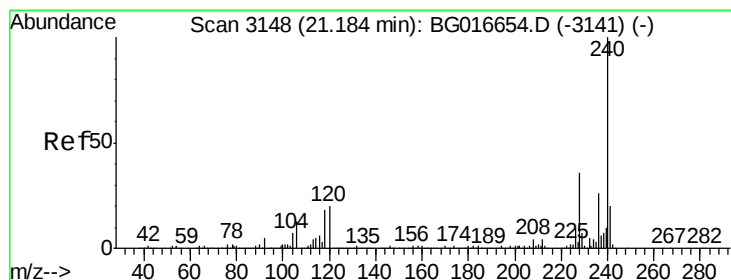
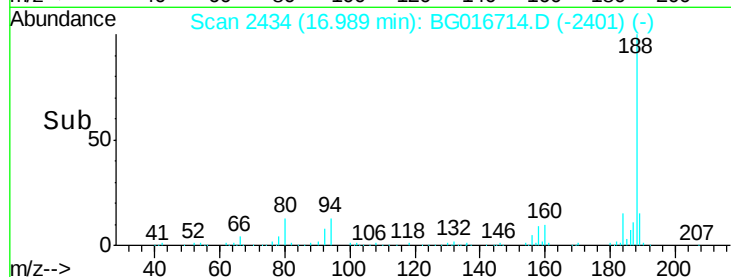
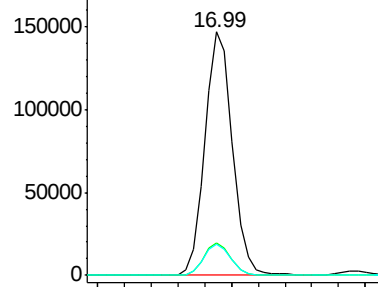
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG016714.D
Acq: 25 Apr 2015 13:03

Instrument :
BNA_G
ClientSampleId :
FB

Tot Ion:188 Resp: 211043
Ion Ratio Lower Upper
188 100
94 13.4 10.7 16.1
80 12.8 9.9 14.9

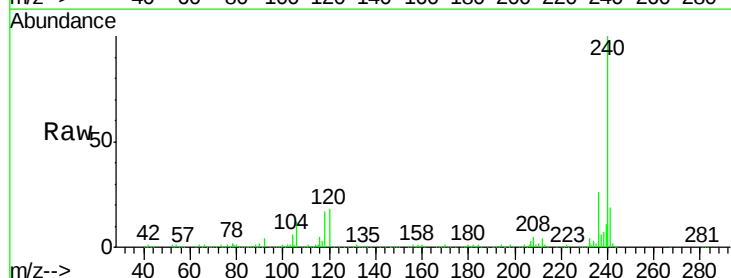


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

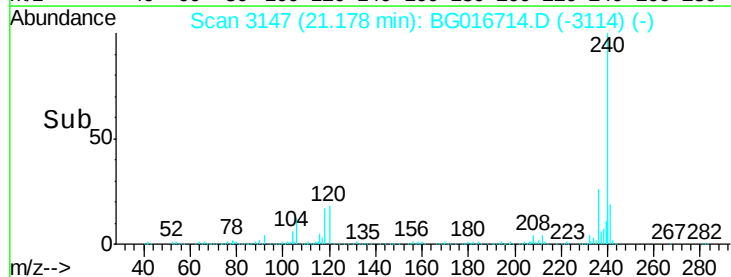
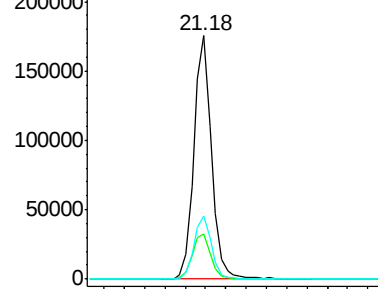


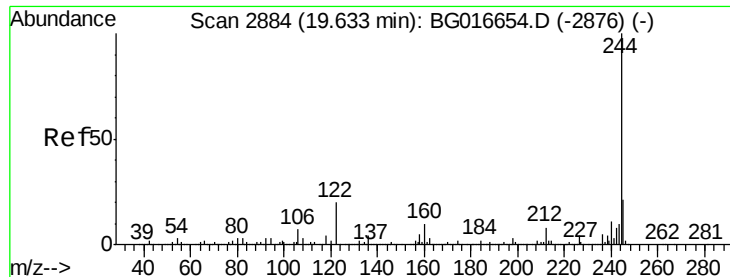
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG016714.D
Acq: 25 Apr 2015 13:03

Tgt Ion:240 Resp: 210793
Ion Ratio Lower Upper
240 100
120 18.5 16.3 24.5
236 26.1 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: 106.84 ng

RT: 19.63 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG016714.D

Acq: 25 Apr 2015 13:03

Instrument :

BNA_G

ClientSampled :

FB

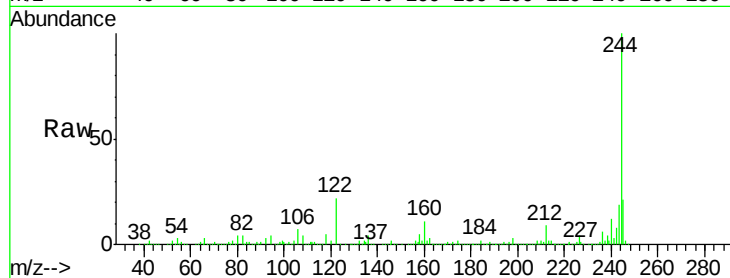
Tot Ion:244 Resp: 977649

Ion Ratio Lower Upper

244 100

212 8.6 6.4 9.6

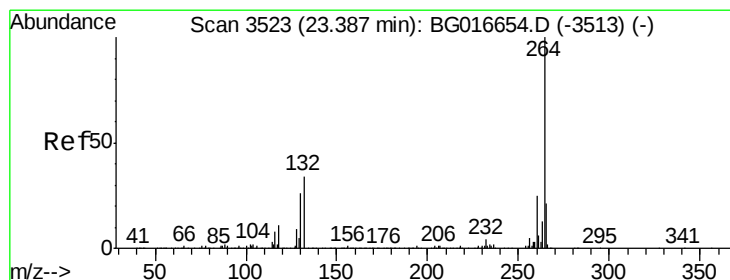
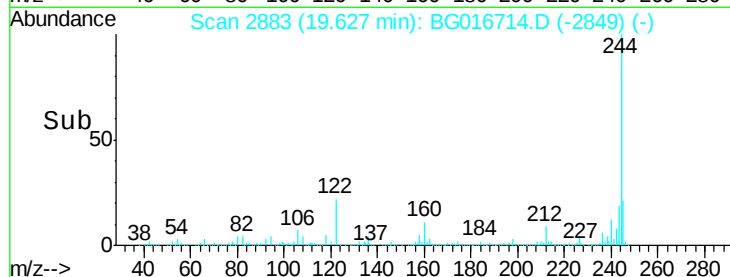
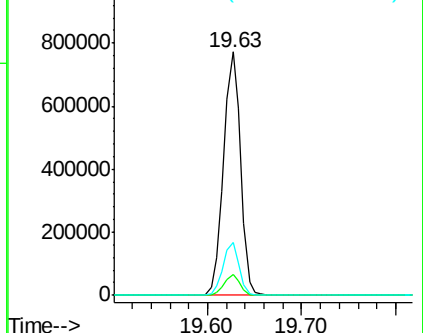
122 21.8 15.9 23.9



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. -0.01 min

Lab File: BG016714.D

Acq: 25 Apr 2015 13:03

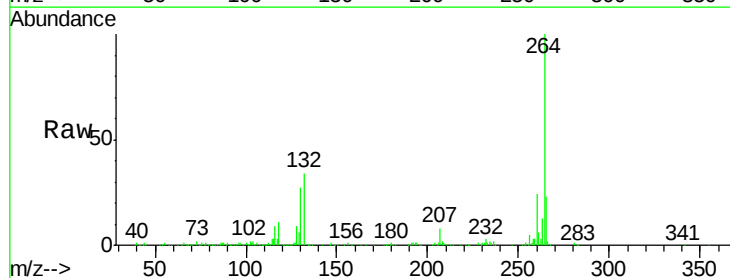
Tgt Ion:264 Resp: 199882

Ion Ratio Lower Upper

264 100

260 24.0 20.0 30.0

265 23.1 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

