

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
 Data File : BG016718.D
 Acq On : 25 Apr 2015 15:22
 Operator : TP/IZ
 Sample : G1988-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHATTANVILLEFIELDBLANK-1-4

Quant Time: Apr 27 01:18:47 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	43867	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	187839	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	108126	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	244830	20.00	ng	0.00
75) Chrysene-d12	21.18	240	262376	20.00	ng	0.00
86) Perylene-d12	23.38	264	254717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	144153	53.33	ng	0.00
7) Phenol-d6	6.79	99	116024	30.59	ng	0.00
23) Nitrobenzene-d5	8.75	82	235954	79.37	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	101976	127.13	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	560199	83.24	ng	0.00
78) Terphenyl-d14	19.62	244	801103	70.33	ng	0.00

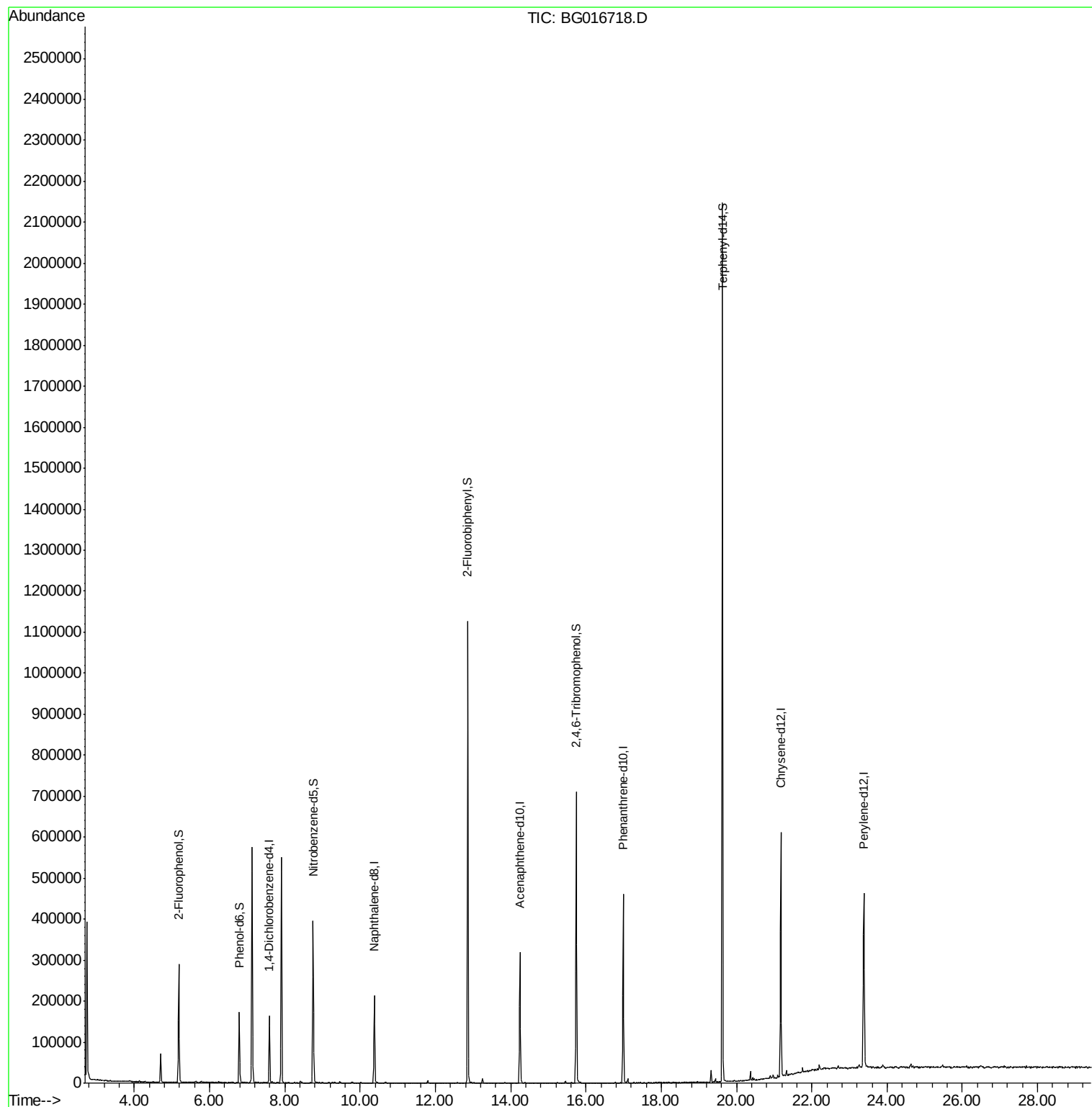
Target Compounds	Qvalue
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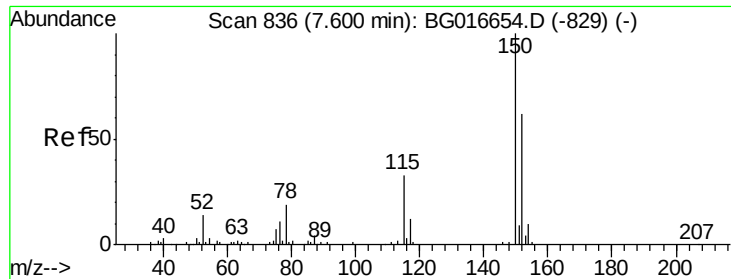
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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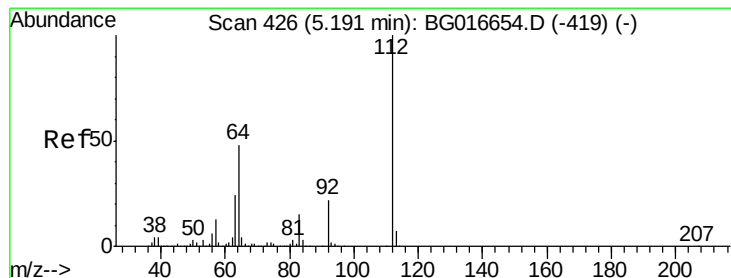
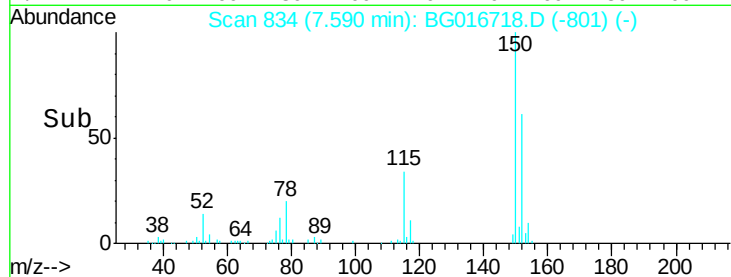
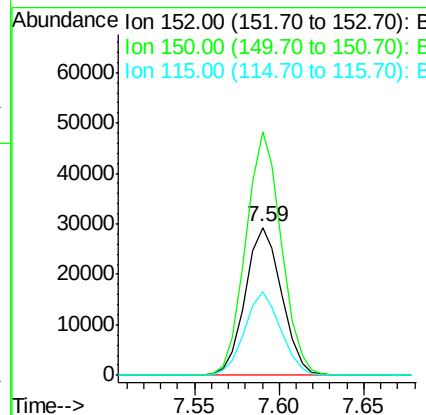
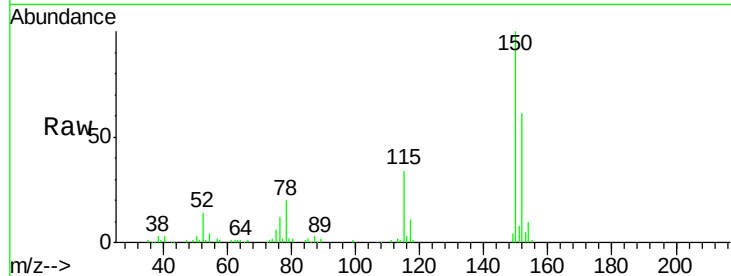


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG016718.D
Acq: 25 Apr 2015 15:22

Instrument :
BNA_G
ClientSampleId :
MANHATTANVILLEFIELDBLANK-1-4

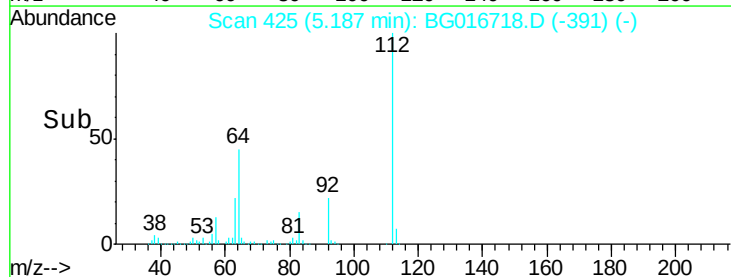
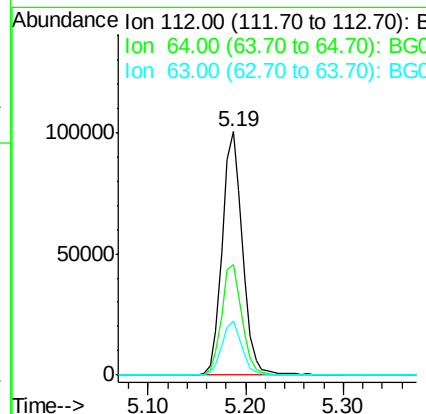
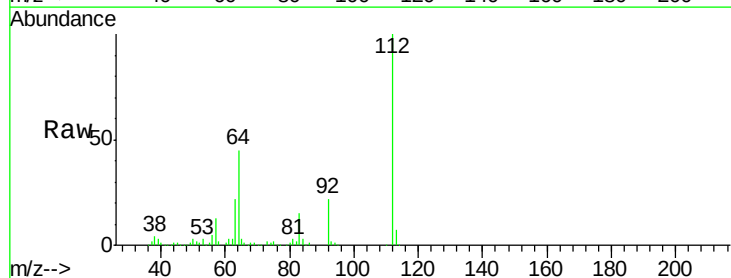
Tgt Ion:152 Resp: 43867
Ion Ratio Lower Upper
152 100
150 164.3 129.6 194.4
115 56.2 43.0 64.6

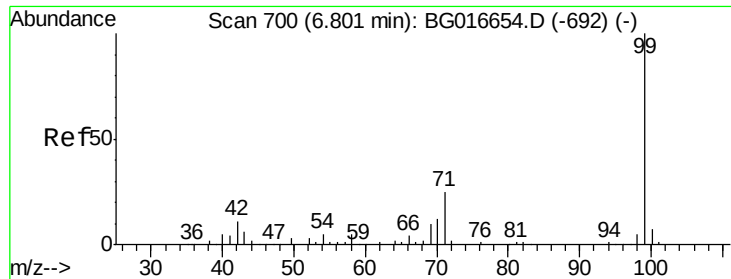


#5

2-Fluorophenol
Concen: 53.33 ng
RT: 5.19 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG016718.D
Acq: 25 Apr 2015 15:22

Tgt Ion:112 Resp: 144153
Ion Ratio Lower Upper
112 100
64 45.4 38.3 57.5
63 22.2 18.9 28.3





#7

Phenol-d6

Concen: 30.59 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG016718.D

Acq: 25 Apr 2015 15:22

Instrument :

BNA_G

ClientSampleId :

MANHATTANVILLEFIELDBLANK-1-4

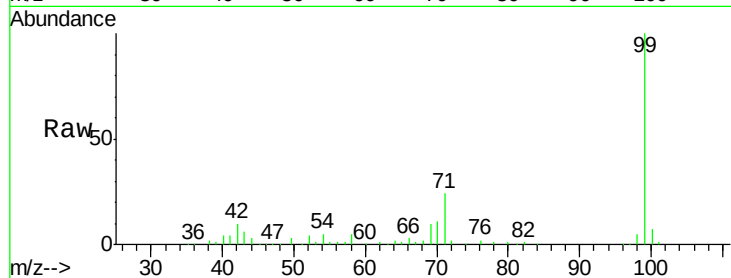
Tgt Ion: 99 Resp: 116024

Ion Ratio Lower Upper

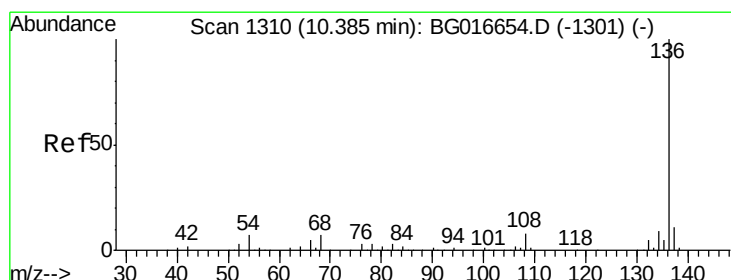
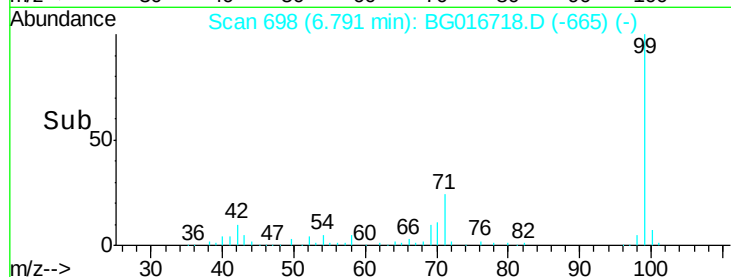
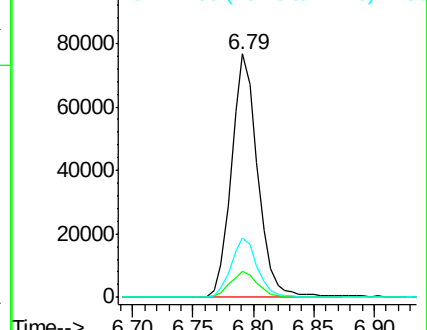
99 100

42 10.5 8.8 13.2

71 24.4 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: BG016718.D

Acq: 25 Apr 2015 15:22

Tgt Ion: 136 Resp: 187839

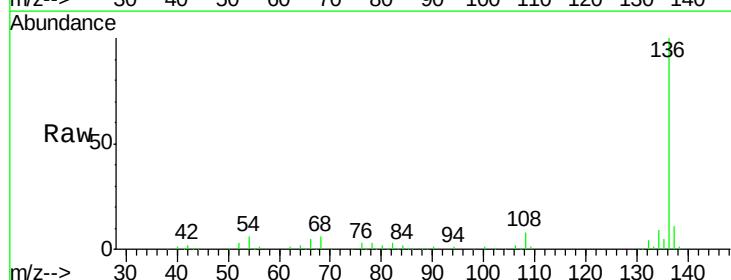
Ion Ratio Lower Upper

136 100

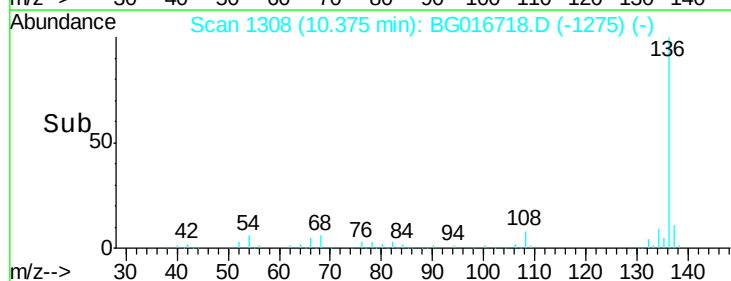
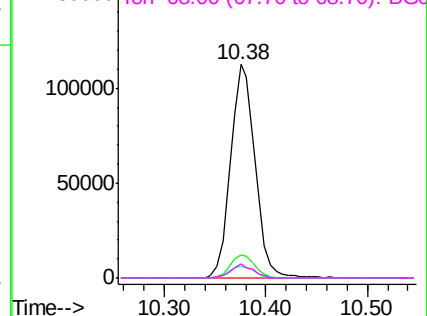
137 11.0 8.5 12.7

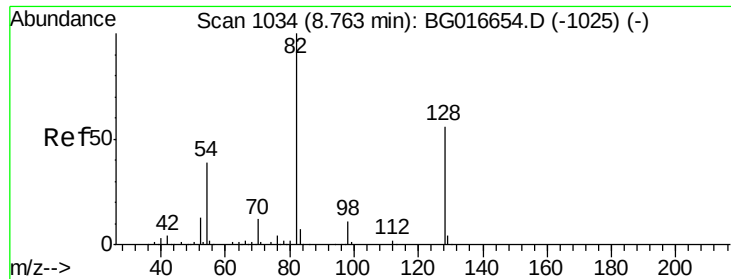
54 5.6 5.4 8.2

68 6.3 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

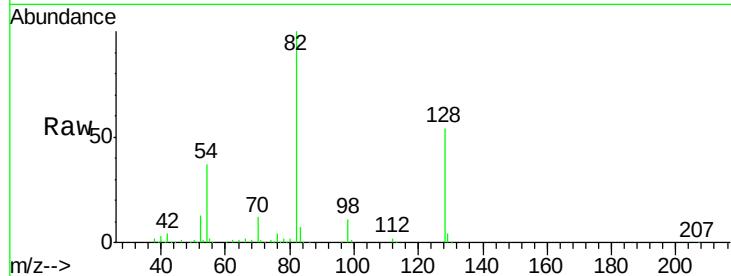




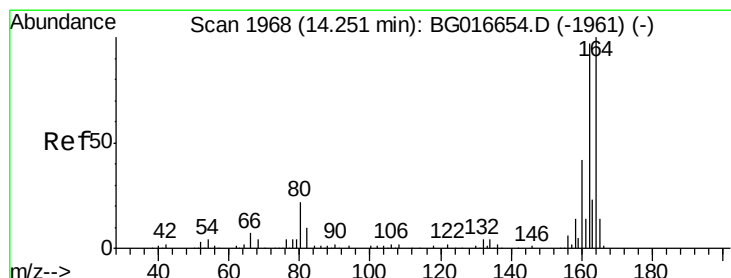
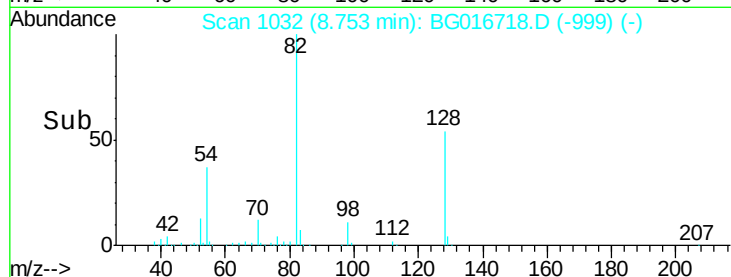
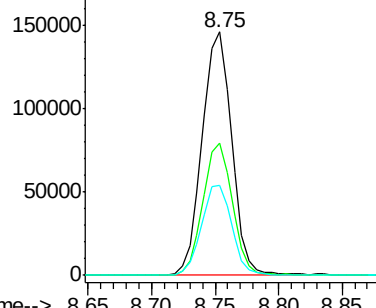
#23
 Nitrobenzene-d5
 Concen: 79.37 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG016718.D
 Acq: 25 Apr 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 MANHATTANVILFIELDBLANK-1-4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.2	44.7	67.1
54	37.1	30.9	46.3

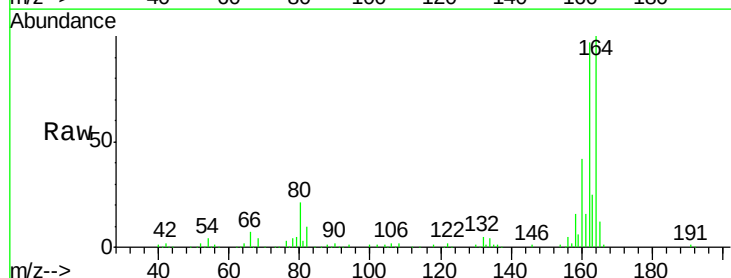


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

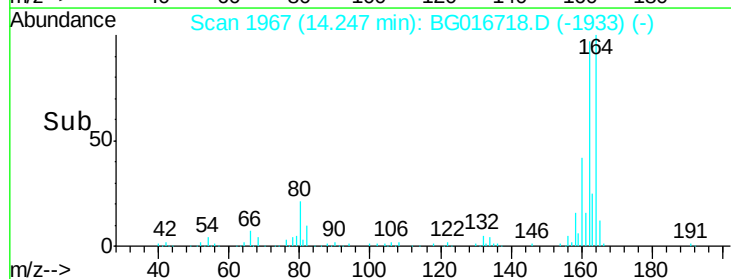
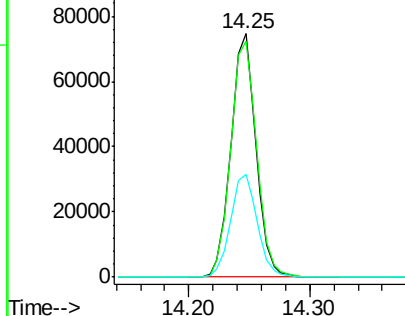


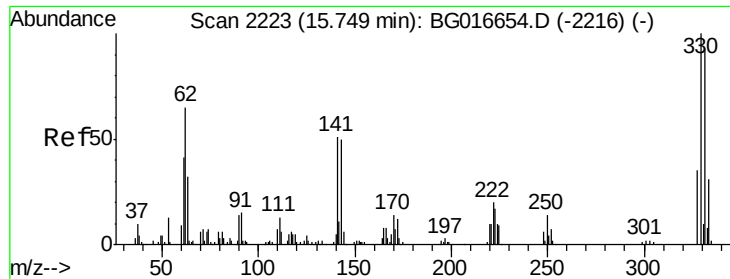
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG016718.D
 Acq: 25 Apr 2015 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	77.3	115.9
160	42.1	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

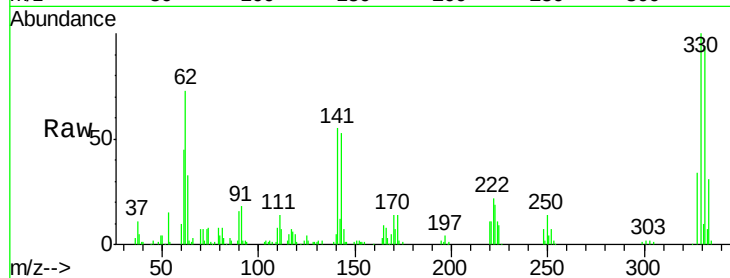




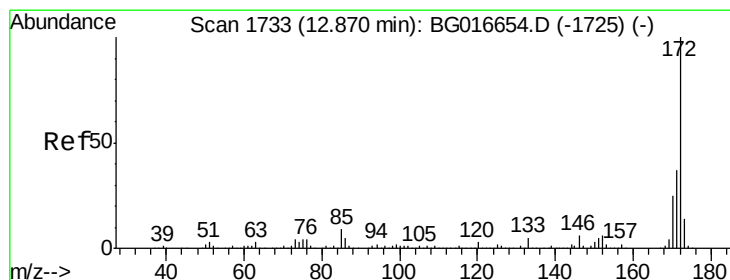
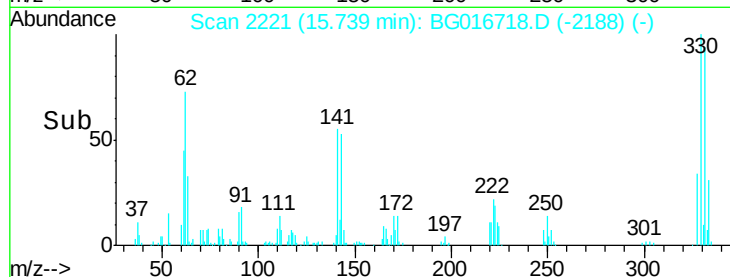
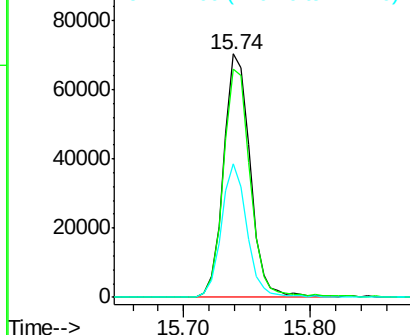
#41
 2,4,6-Tribromophenol
 Concen: 127.13 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG016718.D
 Acq: 25 Apr 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 MANHATTANVILLEFIELDBLANK-1-4

Tgt Ion:330 Resp: 101976
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 53.0 43.0 64.6

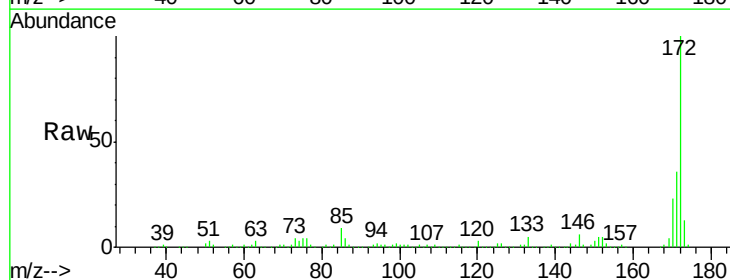


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

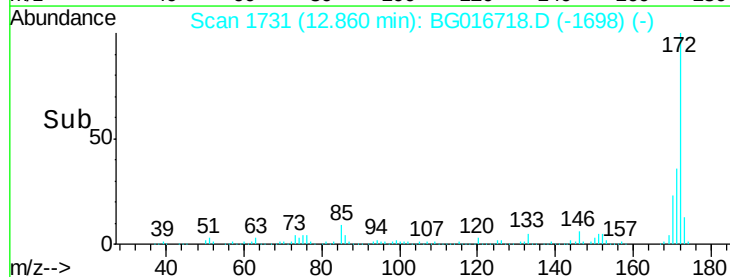
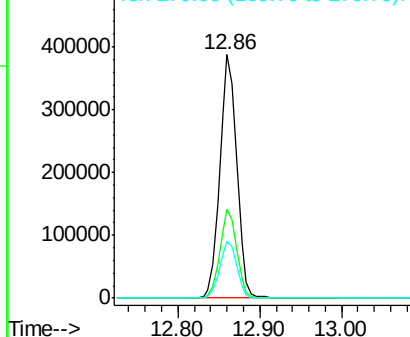


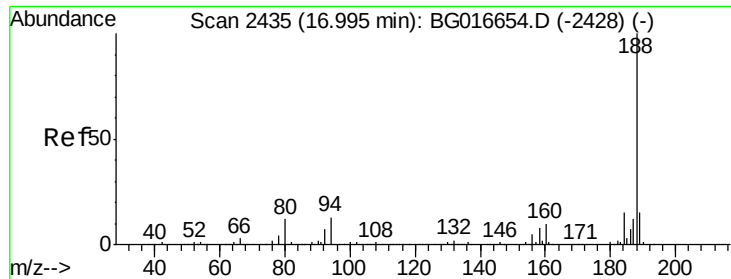
#44
 2-Fluorobiphenyl
 Concen: 83.24 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG016718.D
 Acq: 25 Apr 2015 15:22

Tgt Ion:172 Resp: 560199
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.9 44.9
 170 23.5 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

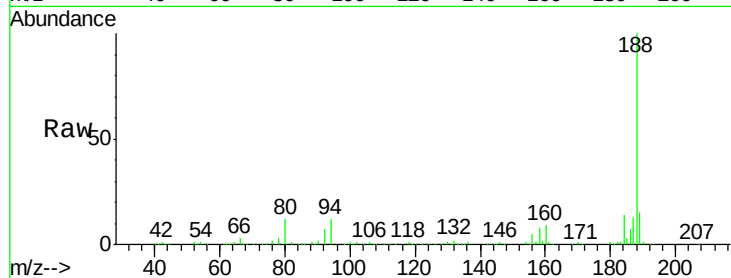




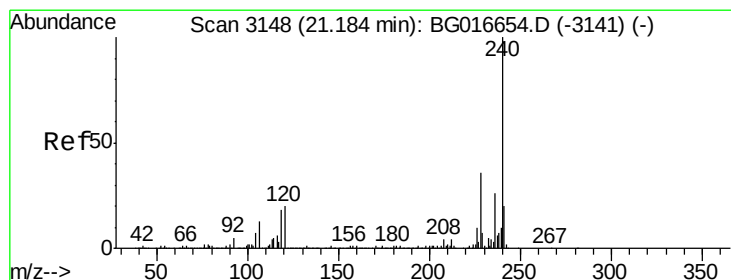
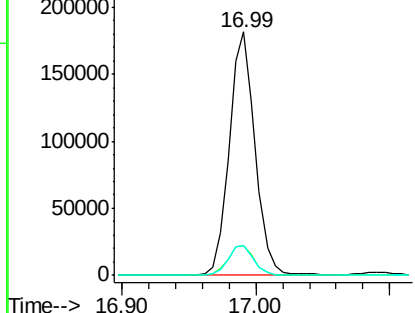
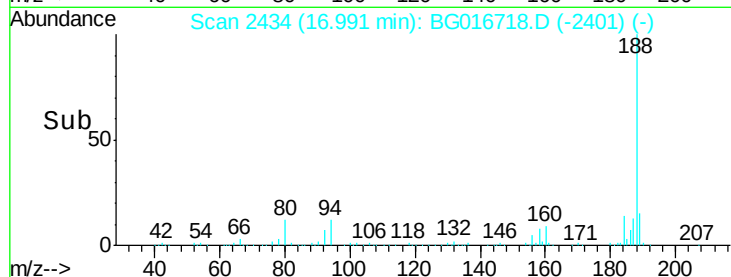
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG016718.D
Acq: 25 Apr 2015 15:22

Instrument :
BNA_G
ClientSampleId :
MANHATTANVILLEFIELDBLANK-1-4

Tgt Ion:188 Resp: 244830
Ion Ratio Lower Upper
188 100
94 12.3 10.7 16.1
80 12.5 9.9 14.9

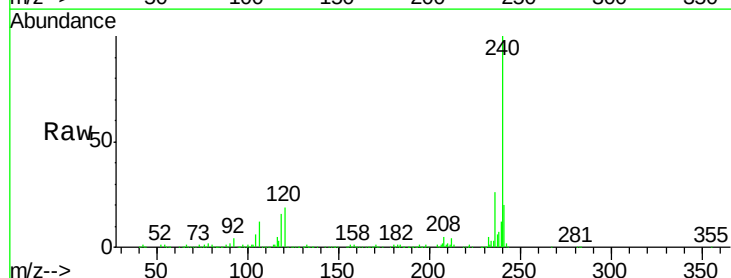


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

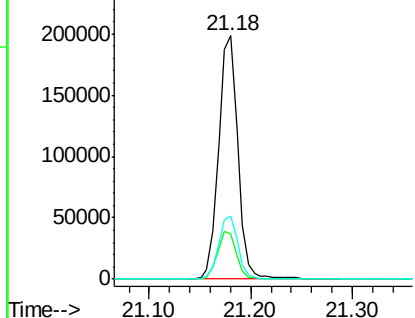
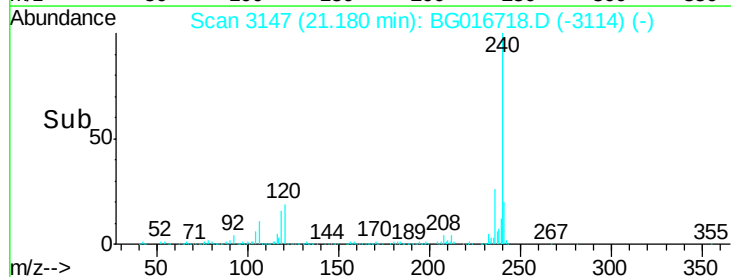


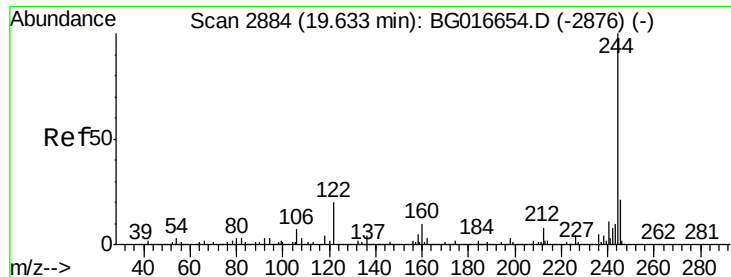
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016718.D
Acq: 25 Apr 2015 15:22

Tgt Ion:240 Resp: 262376
Ion Ratio Lower Upper
240 100
120 18.7 16.3 24.5
236 26.2 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: 70.33 ng

RT: 19.62 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG016718.D

Acq: 25 Apr 2015 15:22

Instrument :

BNA_G

ClientSampleId :

MANHATTANVILLEFIELDBLANK-1-4

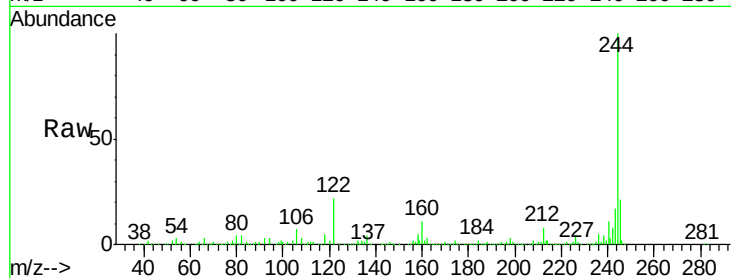
Tgt Ion:244 Resp: 801103

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

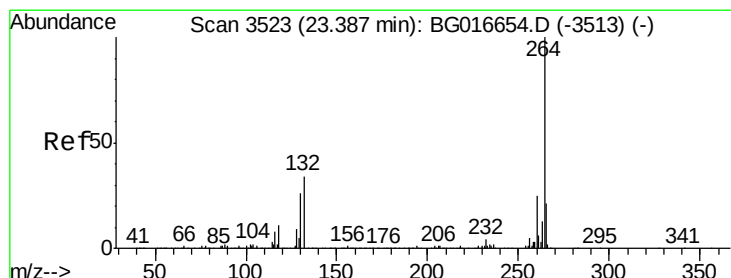
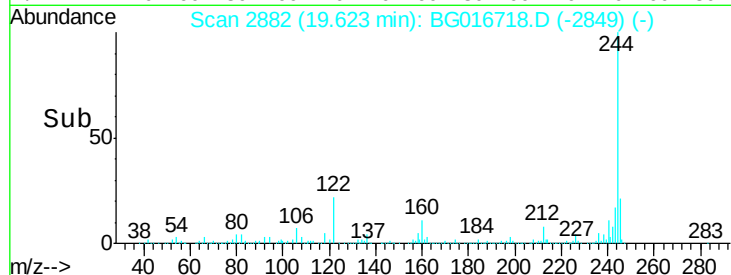
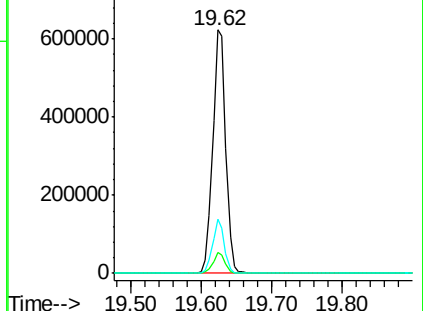
122 22.1 15.9 23.9



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: BG016718.D

Acq: 25 Apr 2015 15:22

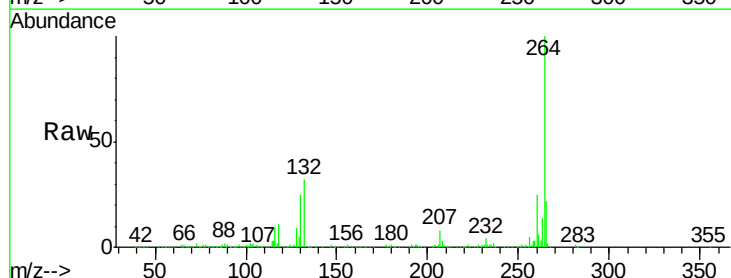
Tgt Ion:264 Resp: 254717

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 21.7 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

