

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
 Data File : BG016738.D
 Acq On : 27 Apr 2015 16:03
 Operator : TP/IZ
 Sample : G11950-09RE 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-22(UNDERCONCRETE)RE

Quant Time: Apr 28 01:08:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 00:54:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	63894	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	286051	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	164246	20.00	ng	0.00
63) Phenanthrene-d10	16.98	188	311994	20.00	ng	0.00
75) Chrysene-d12	21.17	240	281213	20.00	ng	0.00
86) Perylene-d12	23.37	264	271984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	878	0.22	ng	0.01
7) Phenol-d6	6.79	99	9266	1.68	ng	0.01
23) Nitrobenzene-d5	8.75	82	10485	2.32	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	12.85	172	28328	2.77	ng	0.00
78) Terphenyl-d14	19.61	244	32407	2.65	ng	0.00

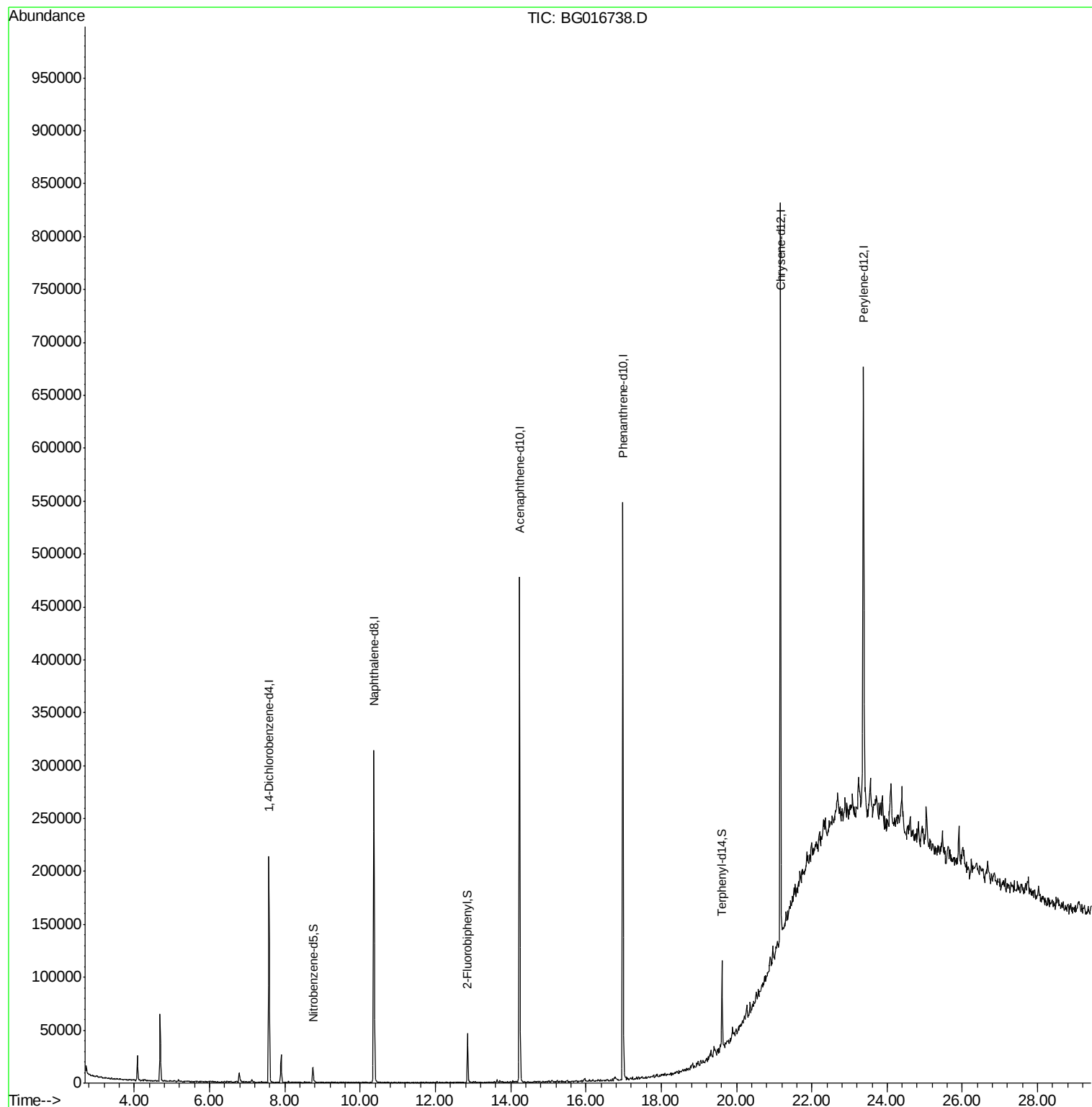
Target Compounds	Qvalue
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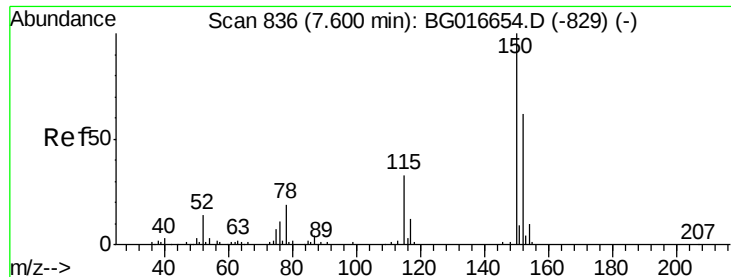
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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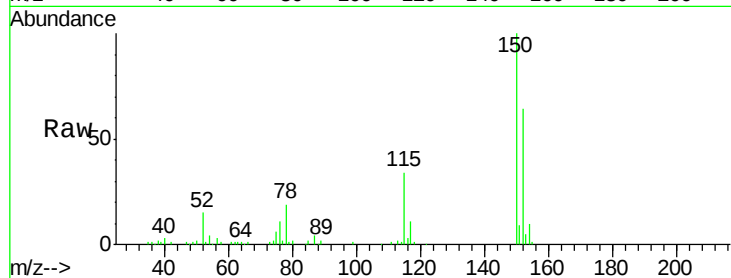


#1

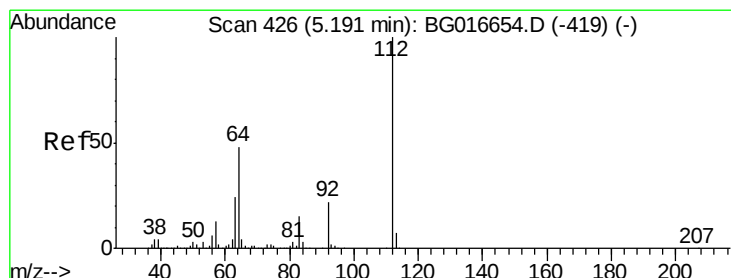
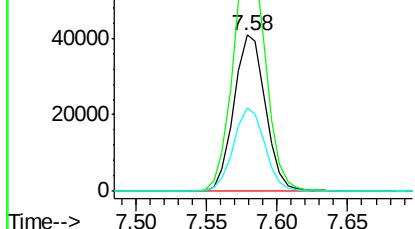
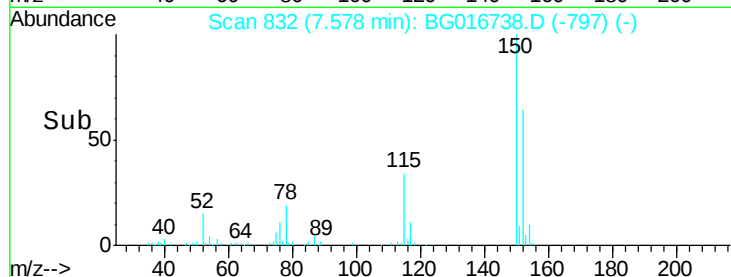
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 832
Delta R.T. 0.01 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Instrument :
BNA_G
ClientSampleId :
PS-22(UNDERCONCRETE)RE

Tgt Ion:152 Resp: 63894
Ion Ratio Lower Upper
152 100
150 155.6 129.6 194.4
115 53.2 43.0 64.6



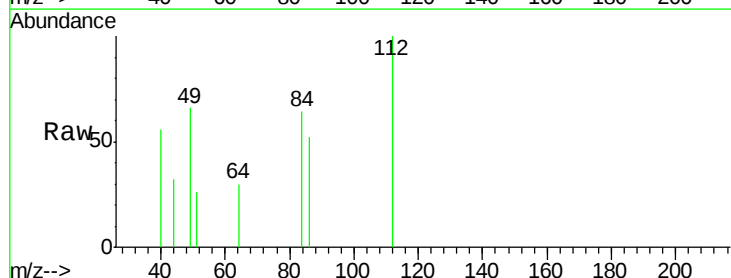
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



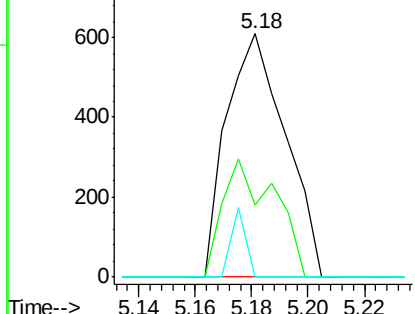
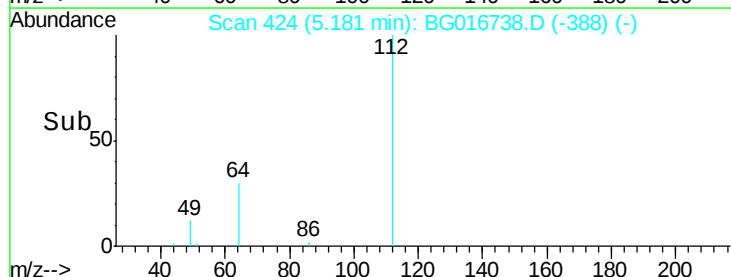
#5

2-Fluorophenol
Concen: 0.22 ng
RT: 5.18 min Scan# 424
Delta R.T. 0.01 min
Lab File: BG016738.D
Acq: 27 Apr 2015 16:03

Tgt Ion:112 Resp: 878
Ion Ratio Lower Upper
112 100
64 29.6 38.3 57.5#
63 0.0 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: 1.68 ng

RT: 6.79 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG016738.D

Acq: 27 Apr 2015 16:03

Instrument :

BNA_G

ClientSampleId :

PS-22(UNDERCONCRETE)RE

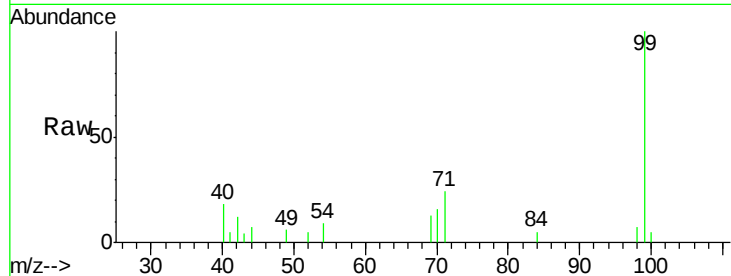
Tgt Ion: 99 Resp: 9266

Ion Ratio Lower Upper

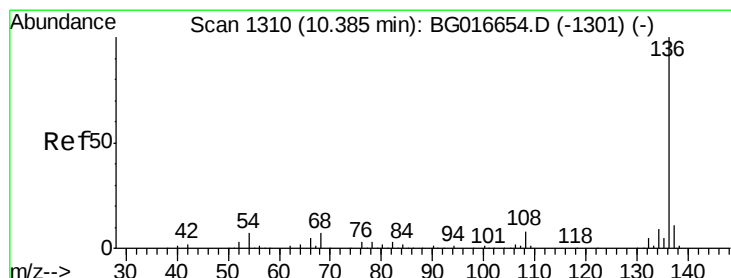
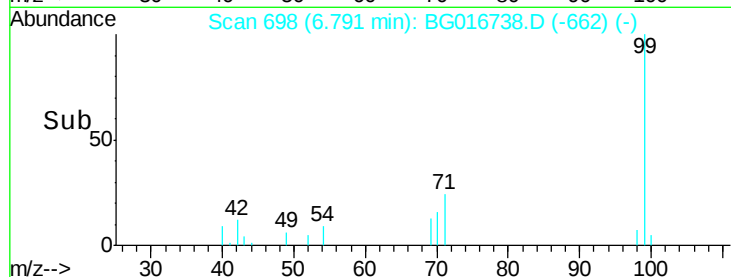
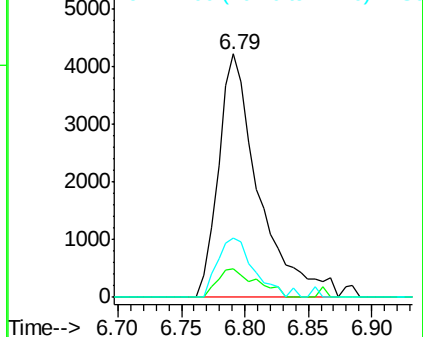
99 100

42 11.9 8.8 13.2

71 24.2 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: 10.37 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BG016738.D

Acq: 27 Apr 2015 16:03

Tgt Ion: 136 Resp: 286051

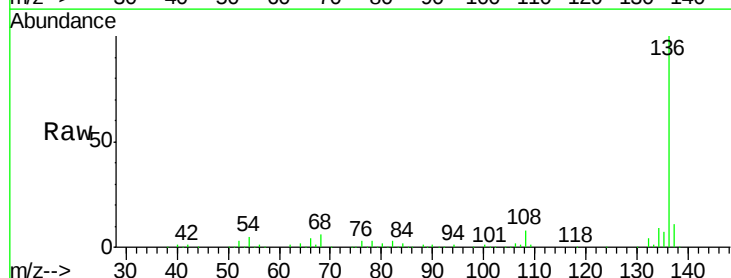
Ion Ratio Lower Upper

136 100

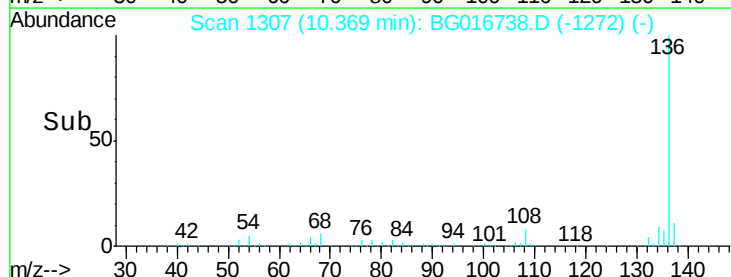
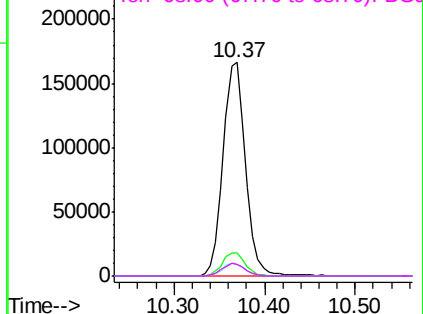
137 10.6 8.5 12.7

54 5.2 5.4 8.2#

68 5.6 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

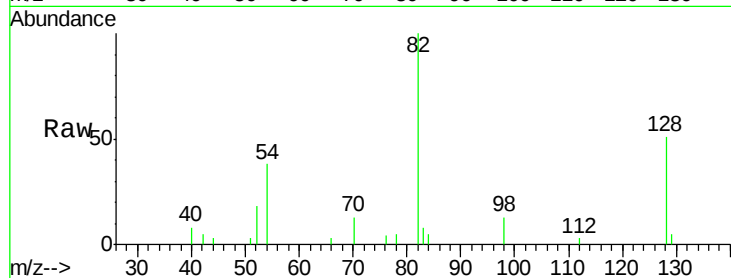




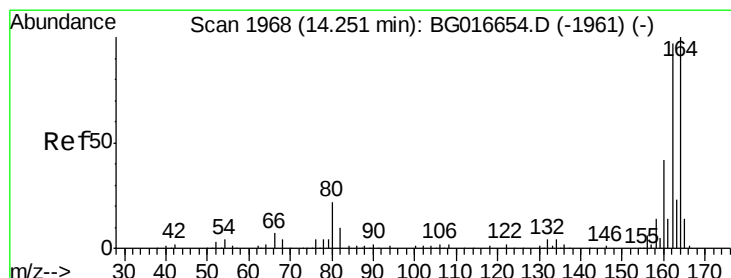
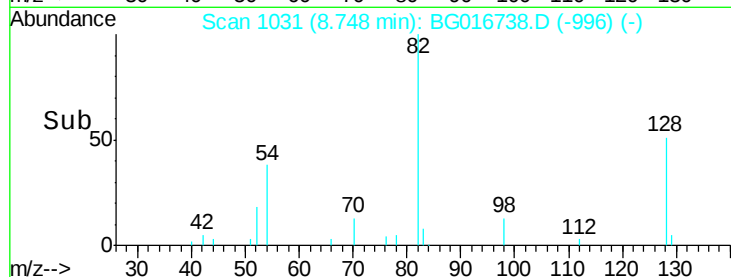
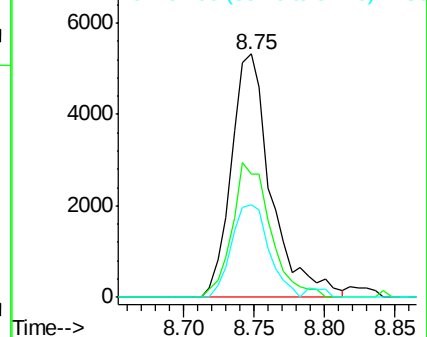
#23
 Nitrobenzene-d5
 Concen: 2.32 ng
 RT: 8.75 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BG016738.D
 Acq: 27 Apr 2015 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PS-22(UNDERCONCRETE)RE

Tgt Ion: 82 Resp: 10485
 Ion Ratio Lower Upper
 82 100
 128 50.8 44.7 67.1
 54 38.0 30.9 46.3

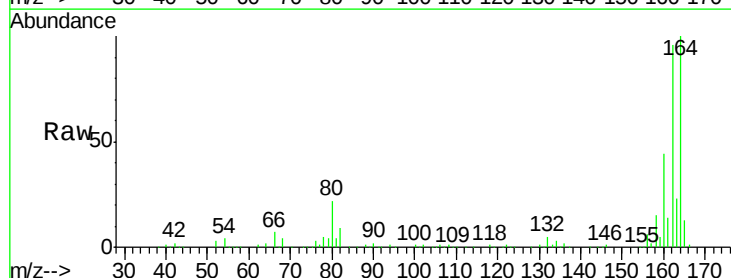


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

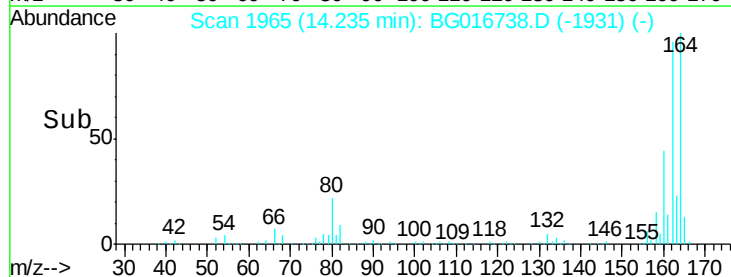
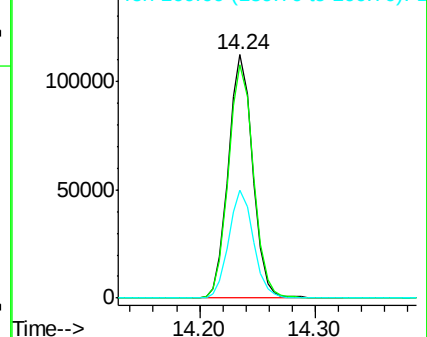


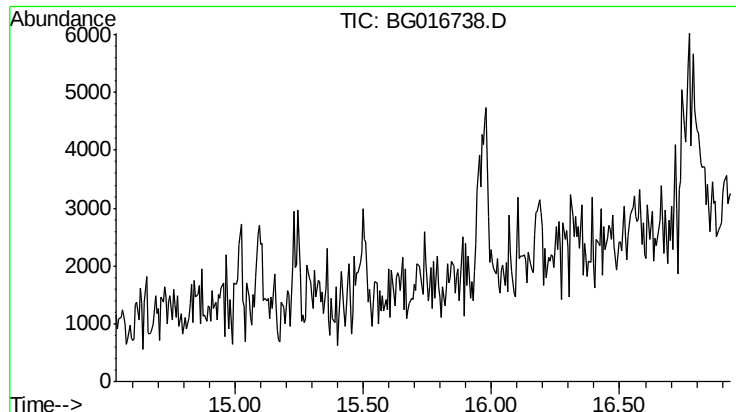
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BG016738.D
 Acq: 27 Apr 2015 16:03

Tgt Ion: 164 Resp: 164246
 Ion Ratio Lower Upper
 164 100
 162 95.9 77.3 115.9
 160 44.3 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



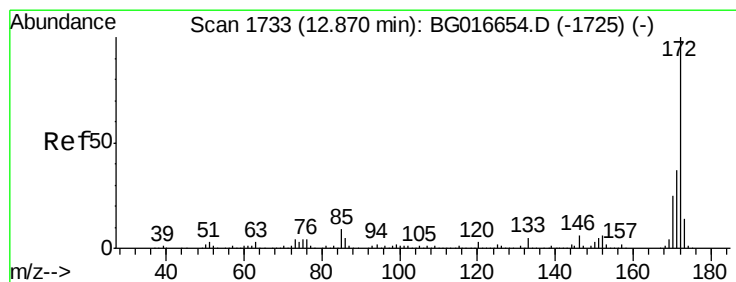
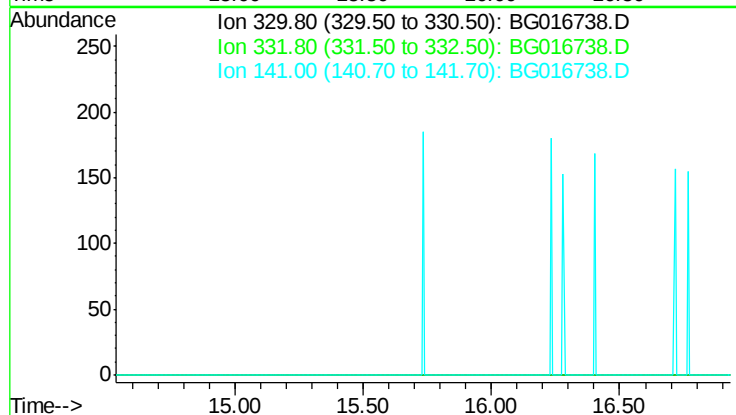


#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 15.73 min
 Lab File: BG016738.D
 Acq: 27 Apr 2015 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PS-22(UNDERCONCRETE)RE

Tgt Ion: 330

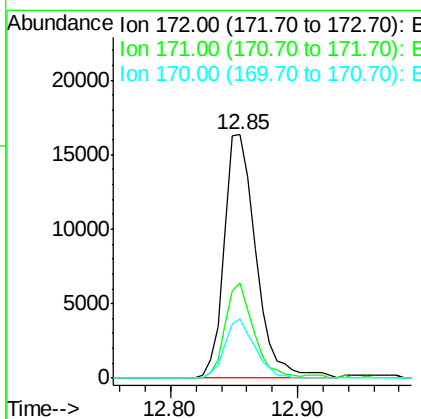
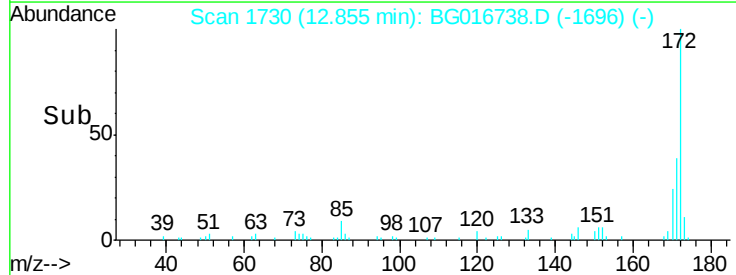
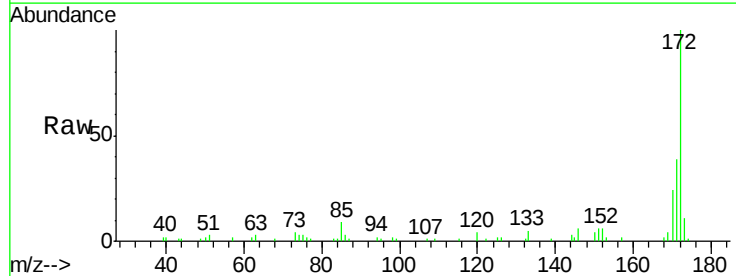
Sig	Exp Ratio
330	100
332	95.3
141	53.8

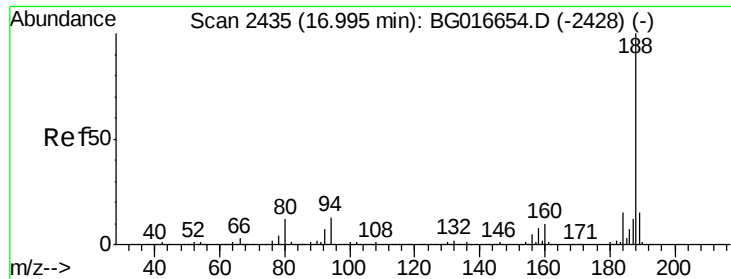


#44
 2-Fluorobiphenyl
 Concen: 2.77 ng
 RT: 12.85 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG016738.D
 Acq: 27 Apr 2015 16:03

Tgt Ion: 172 Resp: 28328

Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.9	44.9
170	24.4	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.98 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG016738.D

Acq: 27 Apr 2015 16:03

Instrument :

BNA_G

ClientSampleId :

PS-22(UNDERCONCRETE)RE

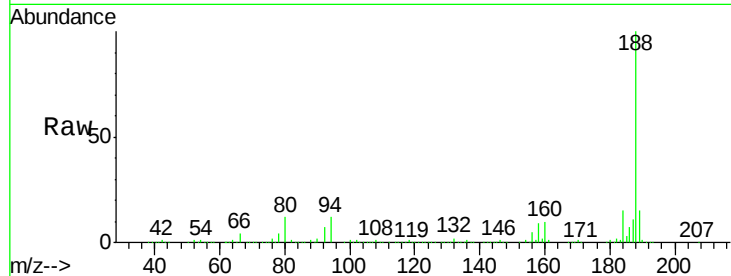
Tgt Ion:188 Resp: 311994

Ion Ratio Lower Upper

188 100

94 12.2 10.7 16.1

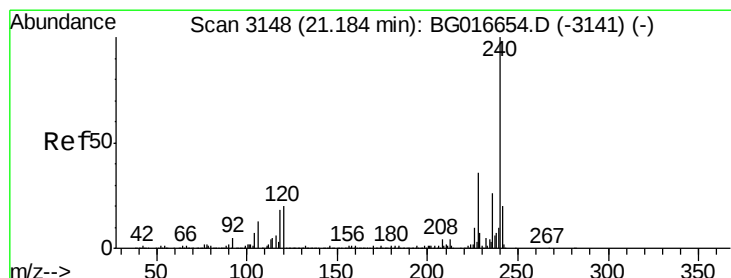
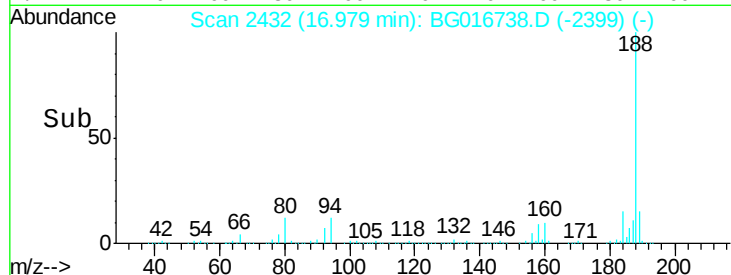
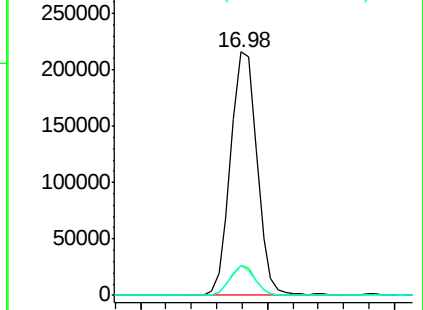
80 12.4 9.9 14.9



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: 21.17 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG016738.D

Acq: 27 Apr 2015 16:03

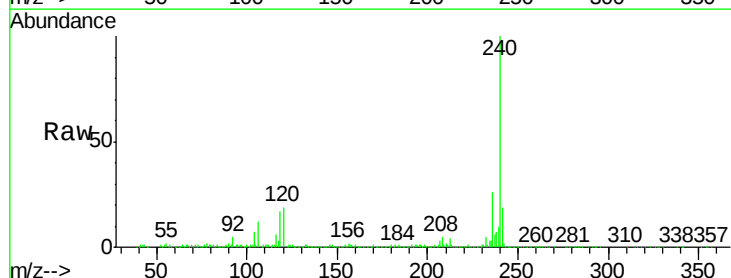
Tgt Ion:240 Resp: 281213

Ion Ratio Lower Upper

240 100

120 18.9 16.3 24.5

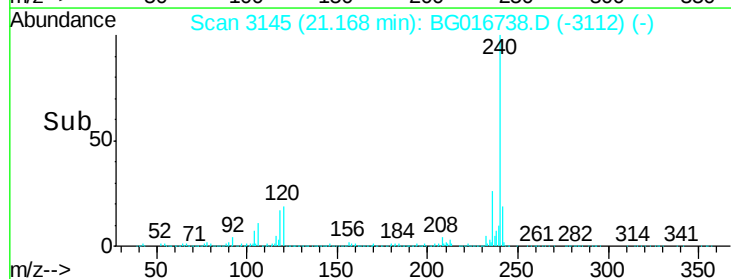
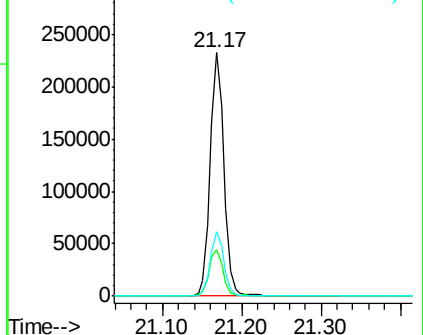
236 26.5 21.1 31.7

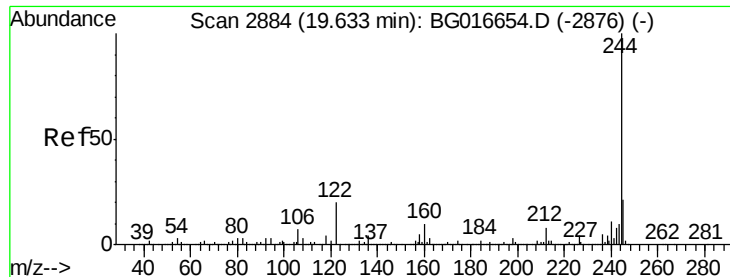


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 2.65 ng

RT: 19.61 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG016738.D

Acq: 27 Apr 2015 16:03

Instrument :

BNA_G

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PS-22(UNDERCONCRETE)RE

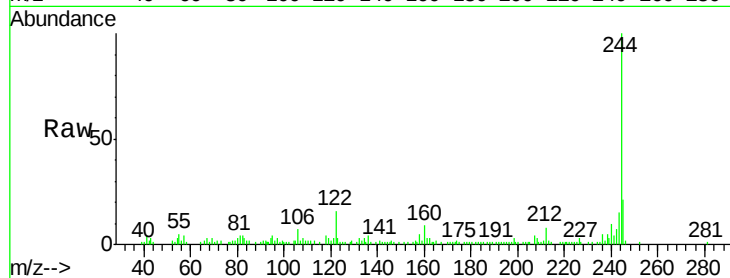
Tgt Ion:244 Resp: 32407

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

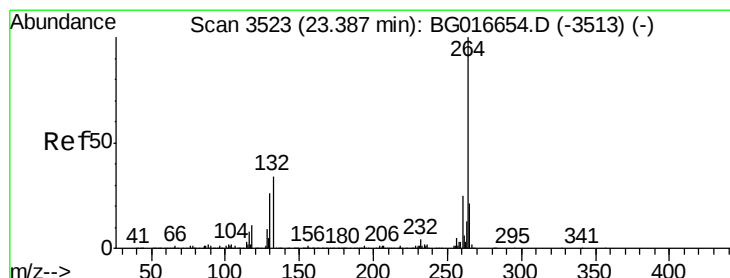
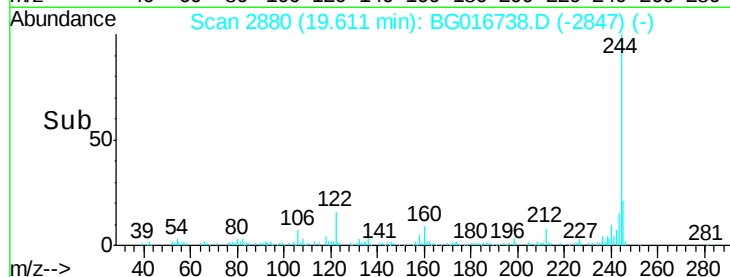
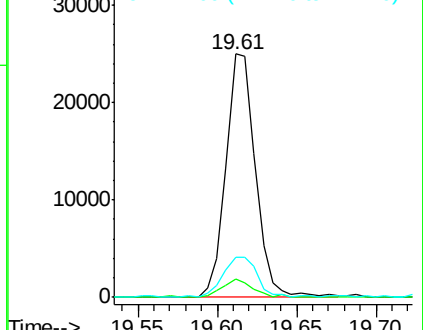
122 16.3 15.9 23.9



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: 23.37 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BG016738.D

Acq: 27 Apr 2015 16:03

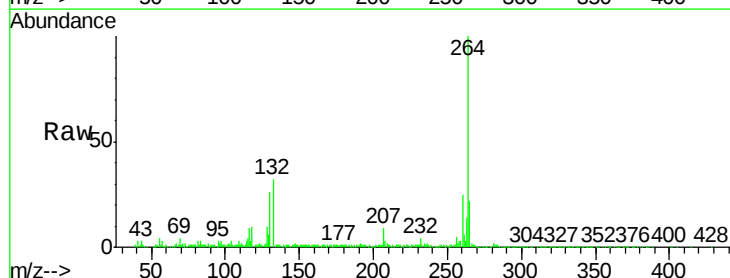
Tgt Ion:264 Resp: 271984

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

265 22.4 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

