

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016609.D
 Acq On : 22 Apr 2015 7:59
 Operator : TP/IZ
 Sample : G1928-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0437

Quant Time: Apr 22 08:50:22 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 07:24:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	50676	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	210172	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	122297	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	286088	20.00	ng	0.00
75) Chrysene-d12	21.20	240	319096	20.00	ng	0.00
86) Perylene-d12	23.42	264	297307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	179223	39.32	ng	0.00
7) Phenol-d6	6.82	99	147326	22.87	ng	0.00
23) Nitrobenzene-d5	8.79	82	311172	62.96	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	127543	101.60	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	690196	65.84	ng	0.00
78) Terphenyl-d14	19.66	244	1038115	54.84	ng	0.00

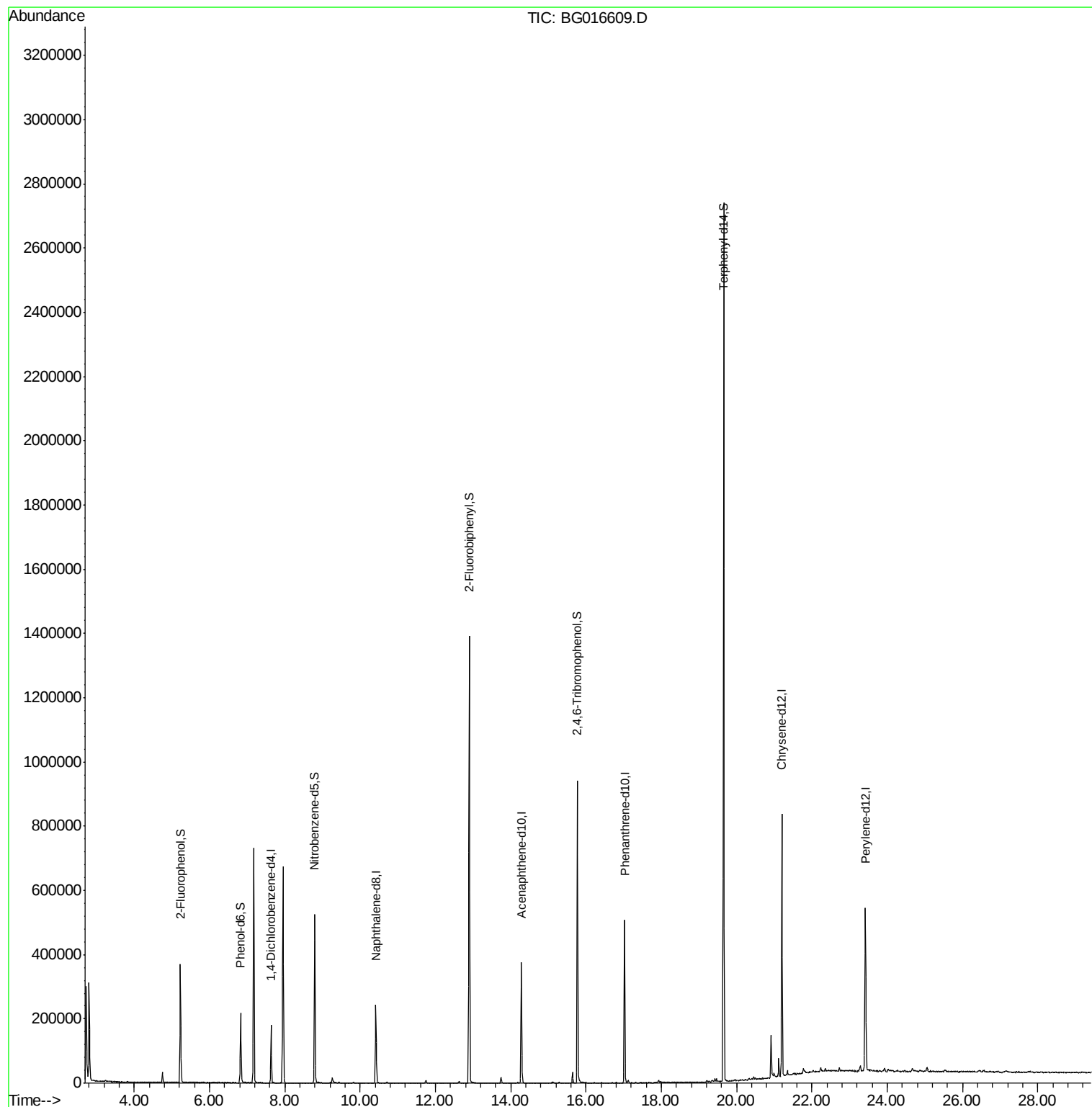
Target Compounds Qvalue

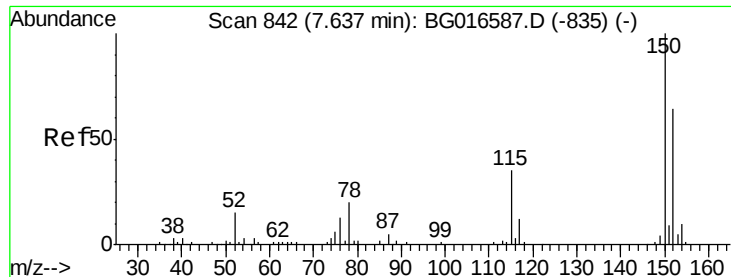
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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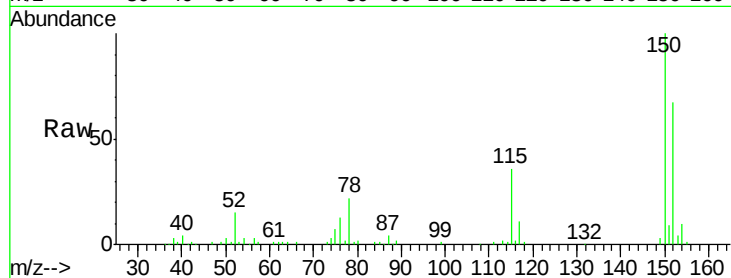


#1

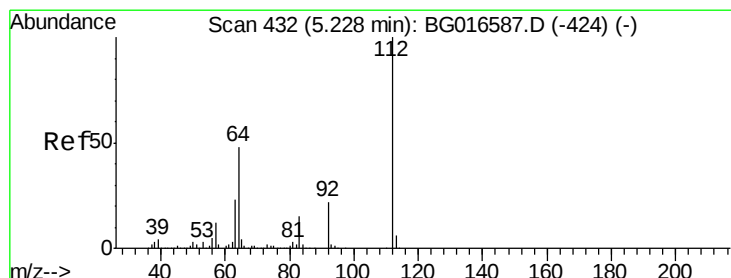
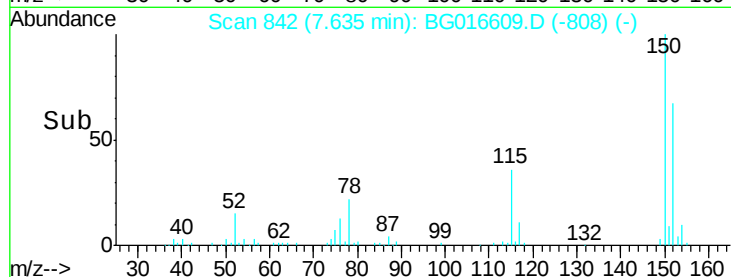
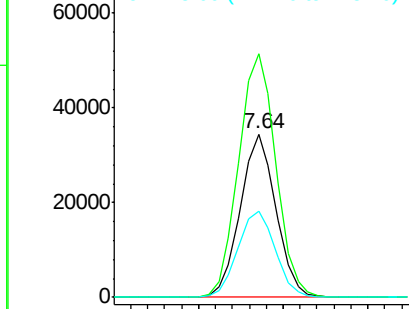
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016609.D
Acq: 22 Apr 2015 7:59

Instrument :
BNA_G
ClientSampleId :
S8-0437

Tot Ion:152 Resp: 50676
Ion Ratio Lower Upper
152 100
150 149.1 125.5 188.3
115 53.1 44.5 66.7



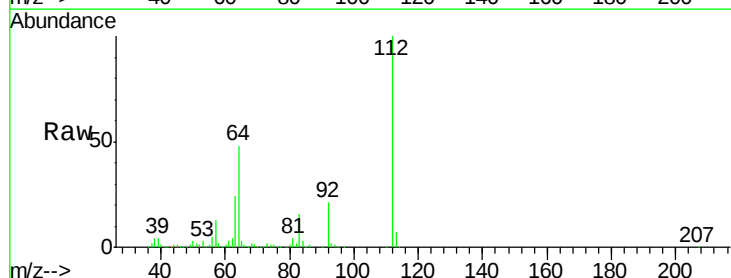
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



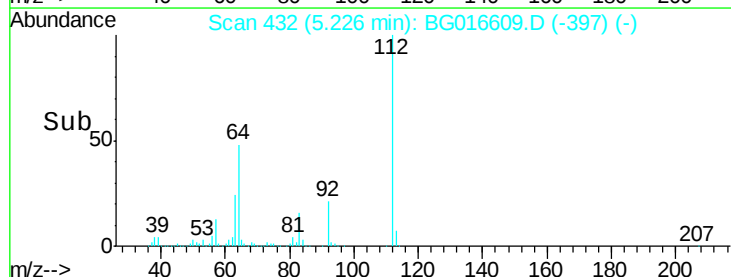
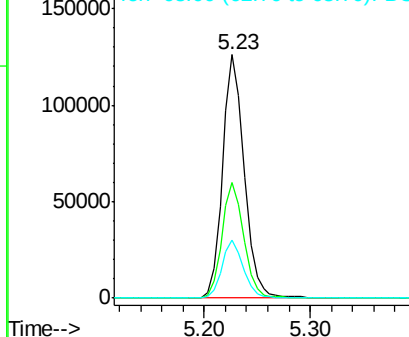
#5

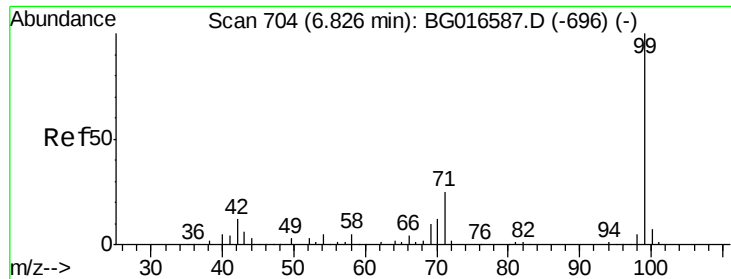
2-Fluorophenol
Concen: 39.32 ng
RT: 5.23 min Scan# 432
Delta R.T. 0.00 min
Lab File: BG016609.D
Acq: 22 Apr 2015 7:59

Tgt Ion:112 Resp: 179223
Ion Ratio Lower Upper
112 100
64 47.6 38.5 57.7
63 23.8 18.2 27.4



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: 22.87 ng

RT: 6.82 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG016609.D

Acq: 22 Apr 2015 7:59

Instrument :

BNA_G

ClientSampleId :

S8-0437

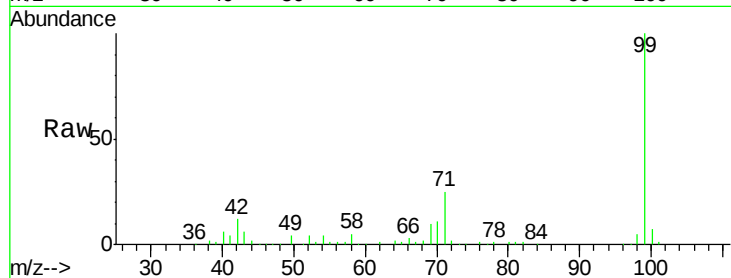
Tot Ion: 99 Resp: 147326

Ion Ratio Lower Upper

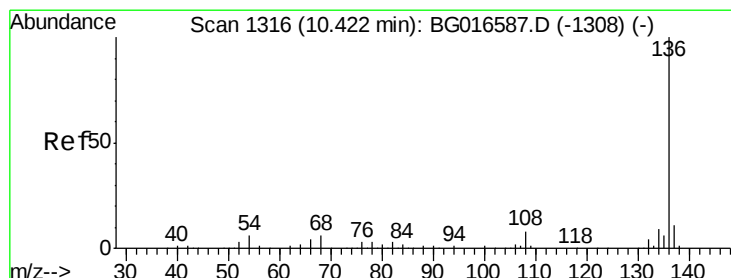
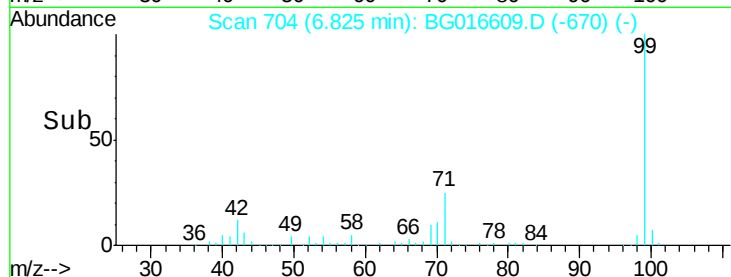
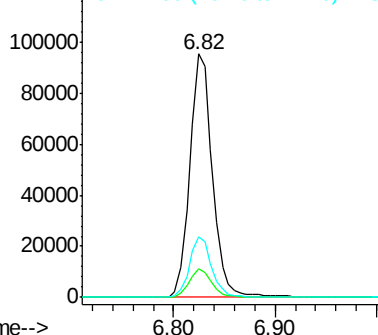
99 100

42 11.7 9.5 14.3

71 24.9 20.2 30.2



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: 10.42 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG016609.D

Acq: 22 Apr 2015 7:59

Tgt Ion: 136 Resp: 210172

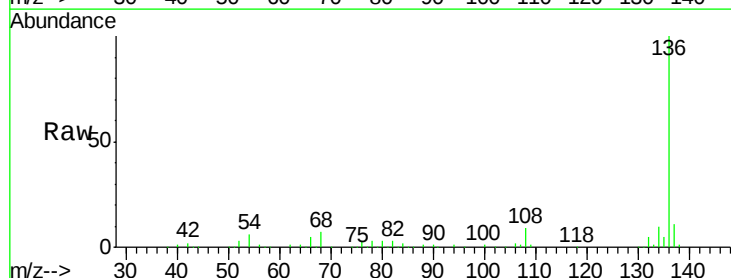
Ion Ratio Lower Upper

136 100

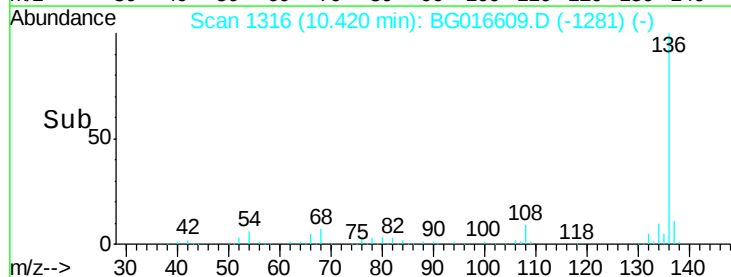
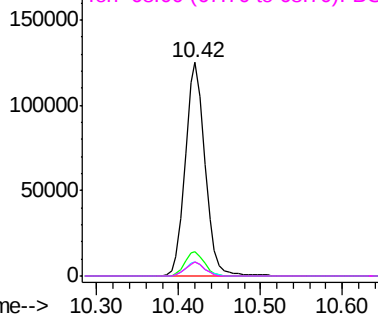
137 11.3 8.8 13.2

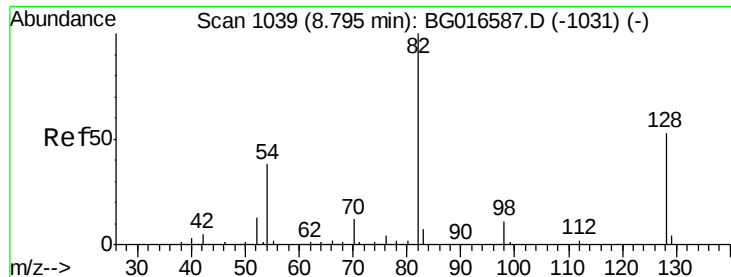
54 6.5 4.9 7.3

68 6.6 4.9 7.3



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

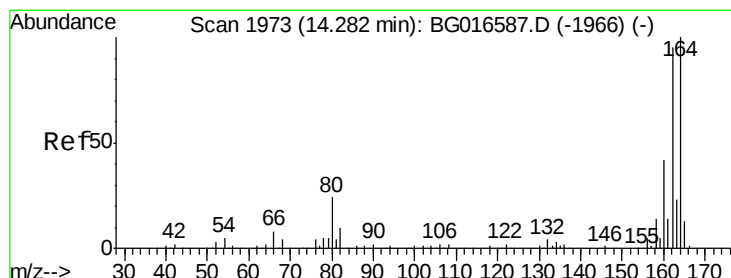
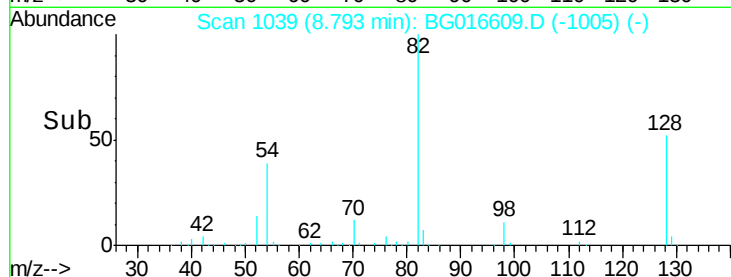
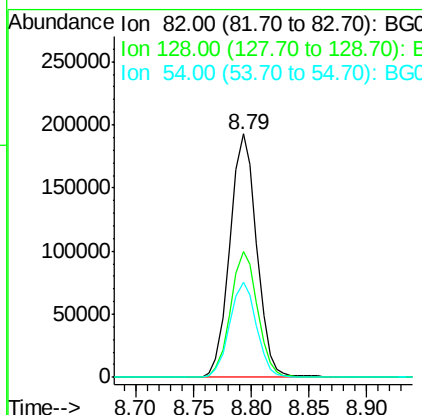
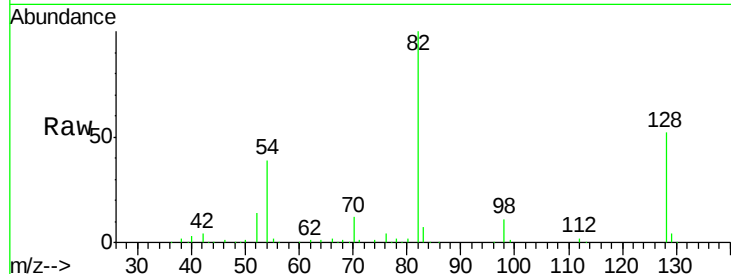




#23
 Nitrobenzene-d5
 Concen: 62.96 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG016609.D
 Acq: 22 Apr 2015 7:59

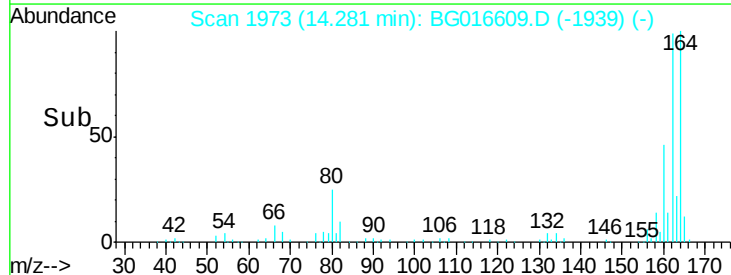
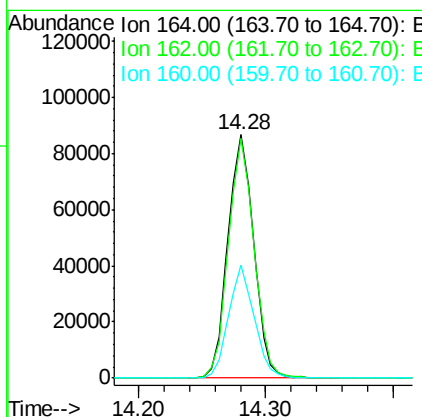
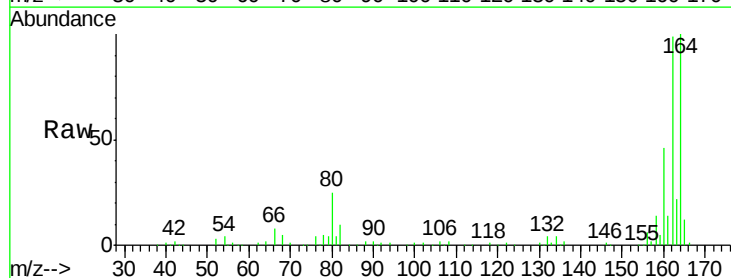
Instrument :
 BNA_G
 ClientSampleID :
 S8-0437

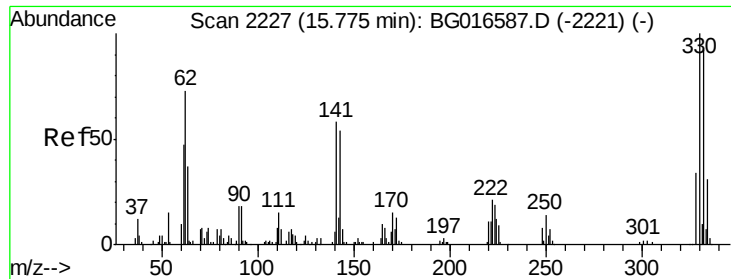
Tot Ion	82	Resp	311172
Ion Ratio	Lower	Upper	
82	100		
128	51.9	42.7	64.1
54	39.2	30.6	45.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.28 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG016609.D
 Acq: 22 Apr 2015 7:59

Tgt Ion	164	Resp	122297
Ion Ratio	Lower	Upper	
164	100		
162	98.7	75.8	113.6
160	46.2	33.8	50.6

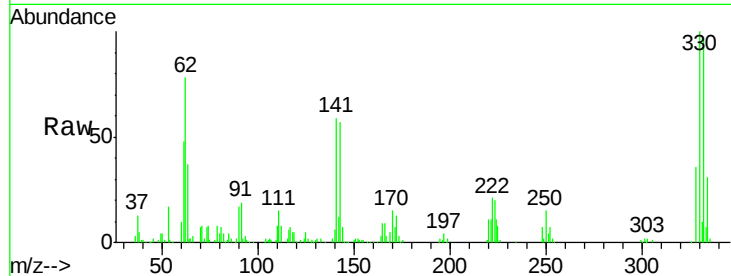




#41
 2,4,6-Tribromophenol
 Concen: 101.60 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG016609.D
 Acq: 22 Apr 2015 7:59

Instrument :
 BNA_G
 ClientSampled :
 S8-0437

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	56.6	45.9	68.9

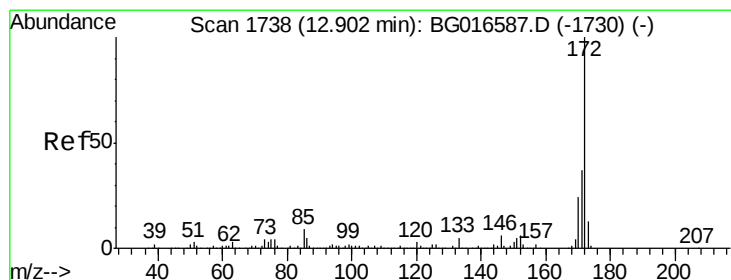
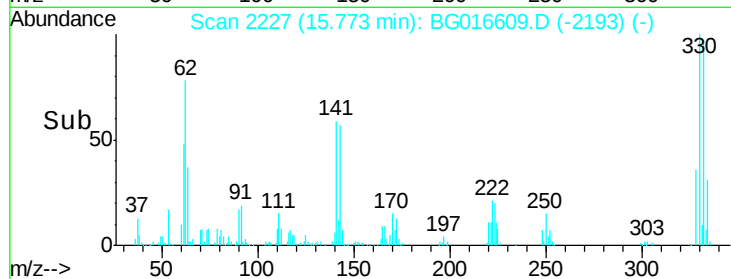
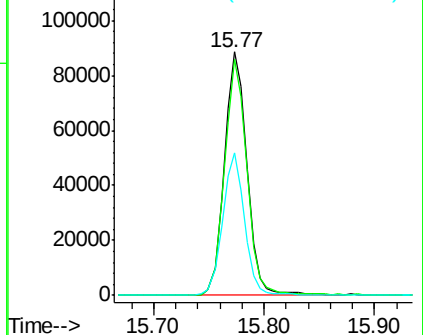


Abundance

Ion 329.80 (329.50 to 330.50): E

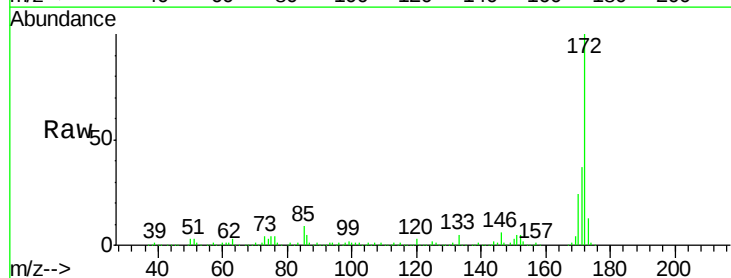
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.84 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016609.D
 Acq: 22 Apr 2015 7:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.6	19.4	29.0

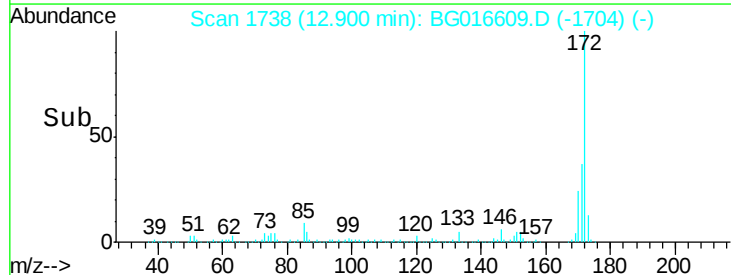
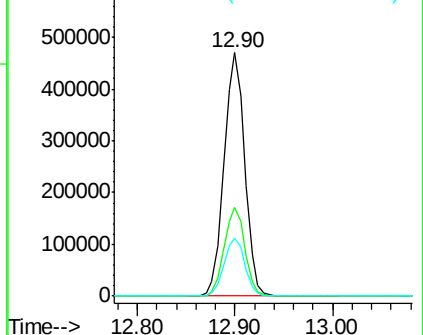


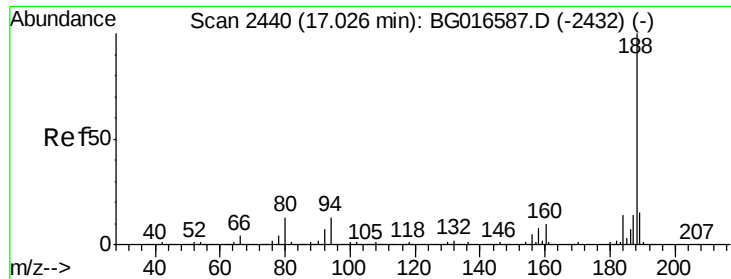
Abundance

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: 17.02 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG016609.D

Acq: 22 Apr 2015 7:59

Instrument :

BNA_G

ClientSampleId :

S8-0437

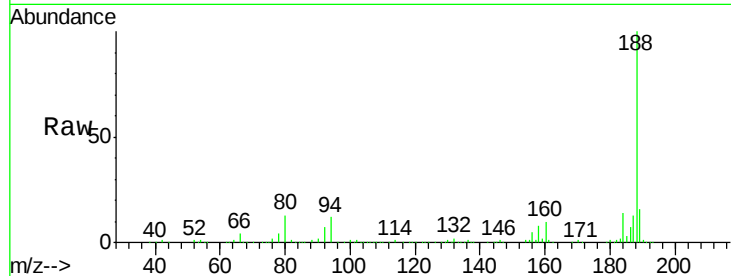
Tot Ion:188 Resp: 286088

Ion Ratio Lower Upper

188 100

94 12.3 10.5 15.7

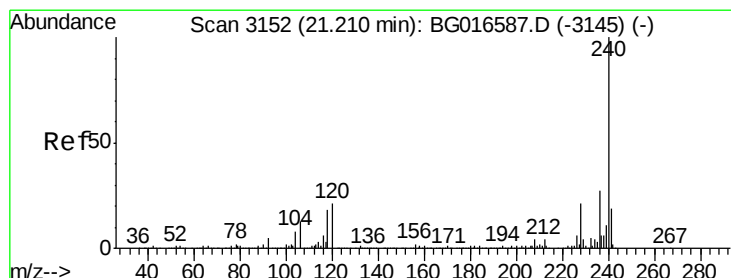
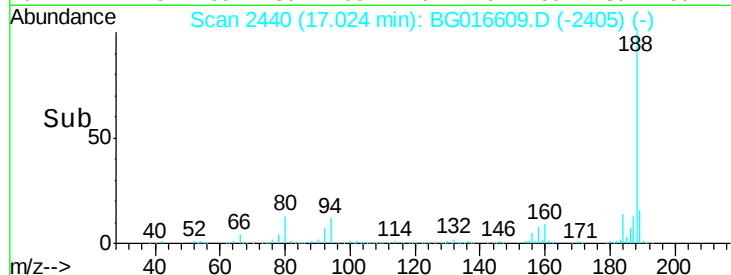
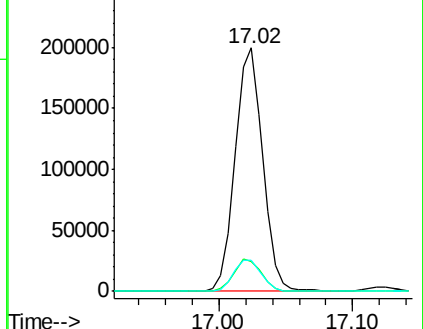
80 12.8 10.6 16.0



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: 21.20 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG016609.D

Acq: 22 Apr 2015 7:59

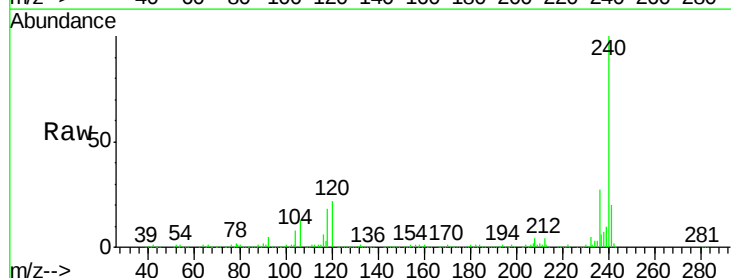
Tgt Ion:240 Resp: 319096

Ion Ratio Lower Upper

240 100

120 21.7 16.7 25.1

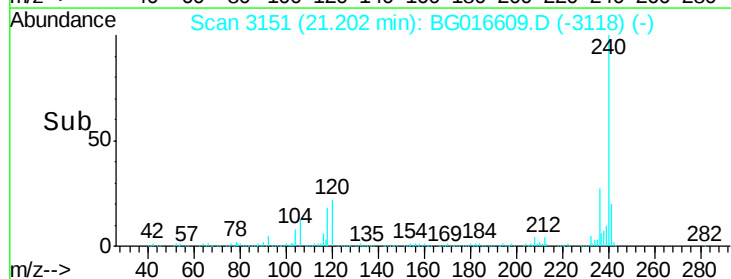
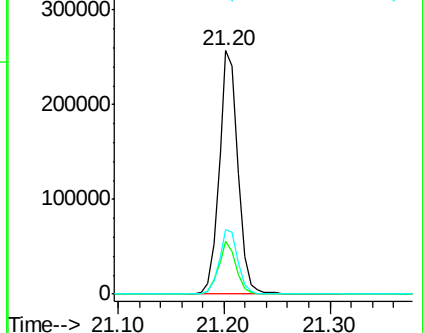
236 26.6 21.7 32.5

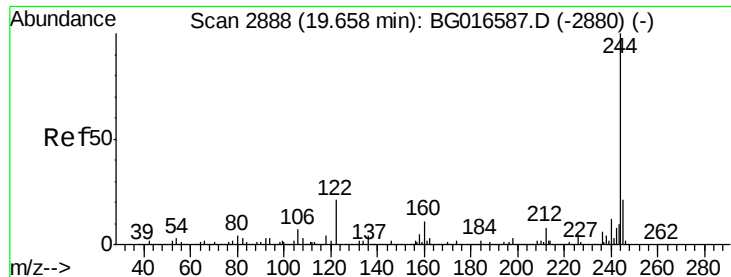


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.84 ng

RT: 19.66 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG016609.D

Acq: 22 Apr 2015 7:59

Instrument :

BNA_G

ClientSampled :

S8-0437

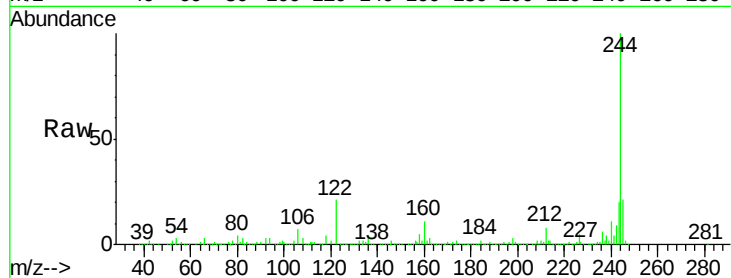
Tot Ion:244 Resp: 1038115

Ion Ratio Lower Upper

244 100

212 8.2 6.8 10.2

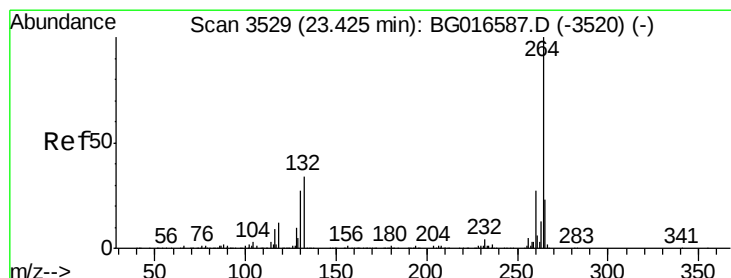
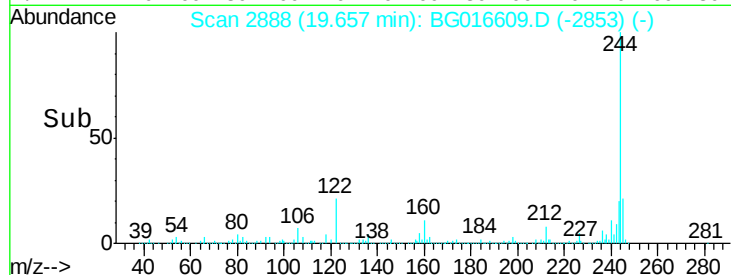
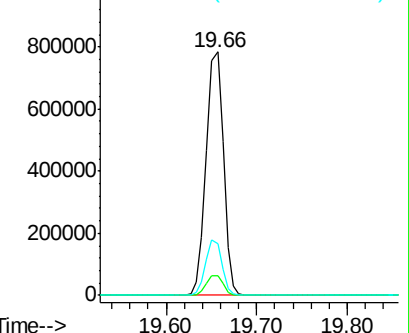
122 21.4 17.0 25.6



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: 23.42 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG016609.D

Acq: 22 Apr 2015 7:59

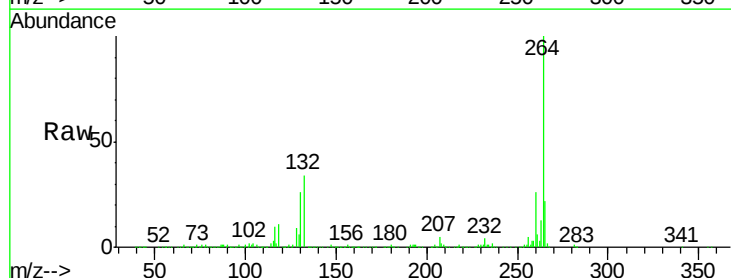
Tgt Ion:264 Resp: 297307

Ion Ratio Lower Upper

264 100

260 25.6 21.4 32.2

265 21.9 18.7 28.1



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

