

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
 Data File : BG017697.D
 Acq On : 15 Jun 2015 19:32
 Operator : TP/IZ
 Sample : PB84004BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB84004BL

Quant Time: Jun 16 02:18:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16902	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	60144	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	44894	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	128097	20.00	ng	0.00
75) Chrysene-d12	21.16	240	192462	20.00	ng	0.00
86) Perylene-d12	23.36	264	200049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	129013	147.83	ng	0.00
7) Phenol-d6	6.73	99	169244	132.35	ng	0.00
23) Nitrobenzene-d5	8.69	82	129491	90.38	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	115458	148.99	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	294248	90.65	ng	0.00
78) Terphenyl-d14	19.60	244	857957	92.99	ng	0.00

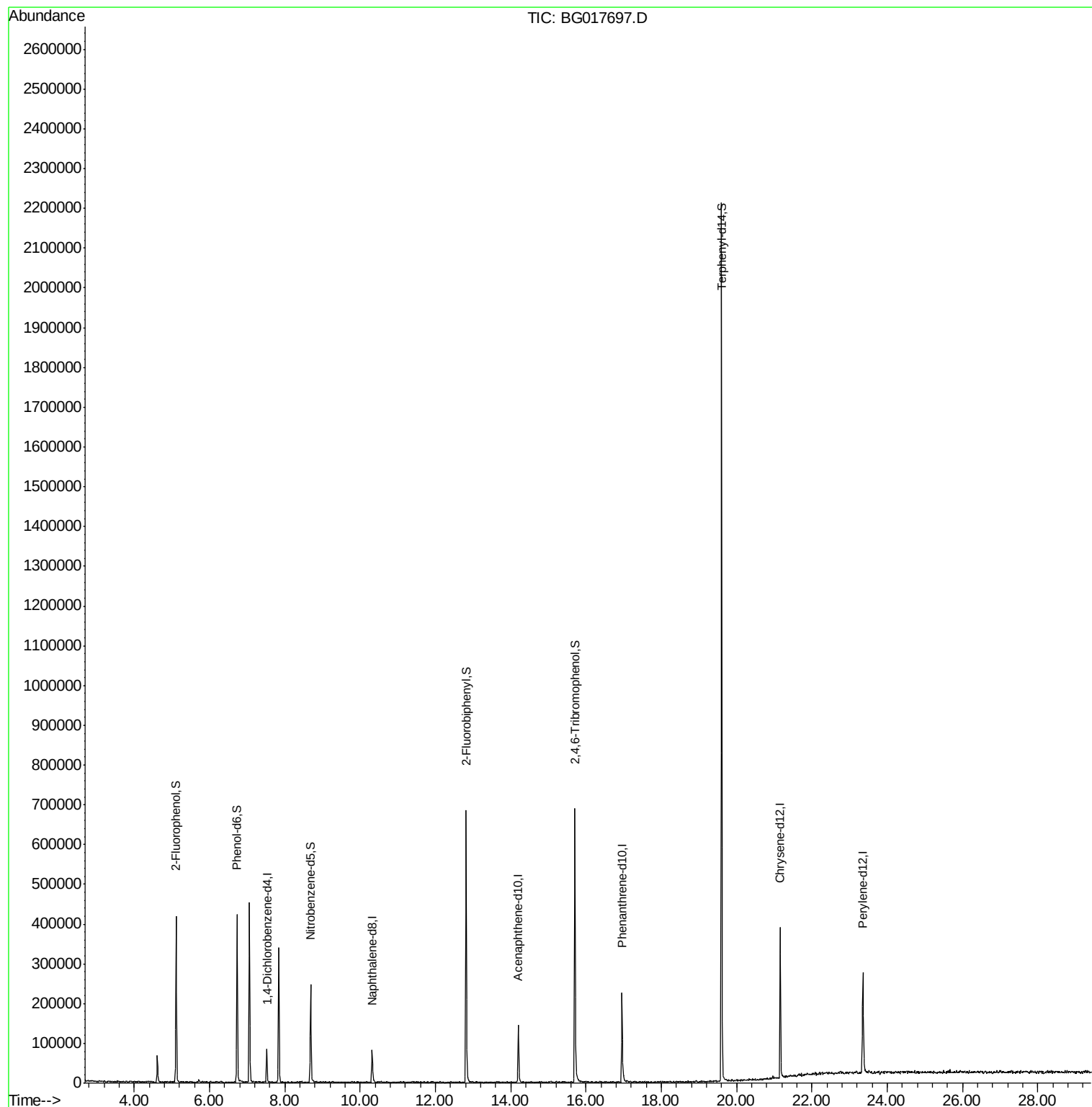
Target Compounds	Qvalue
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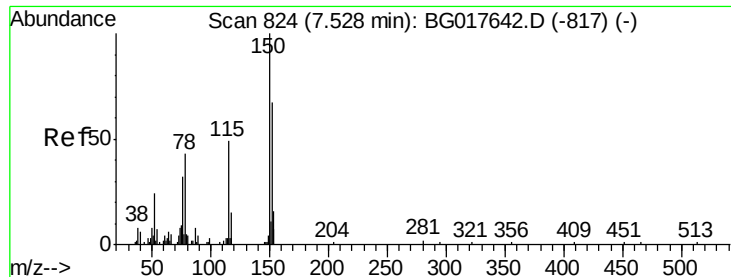
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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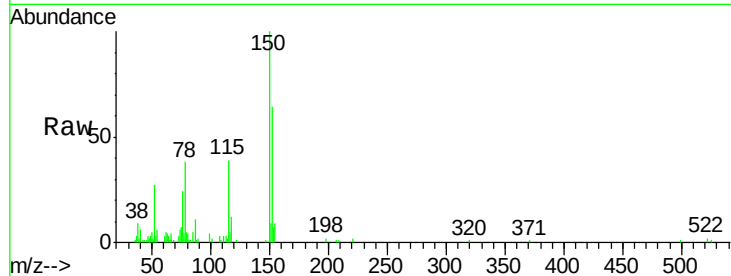


#1

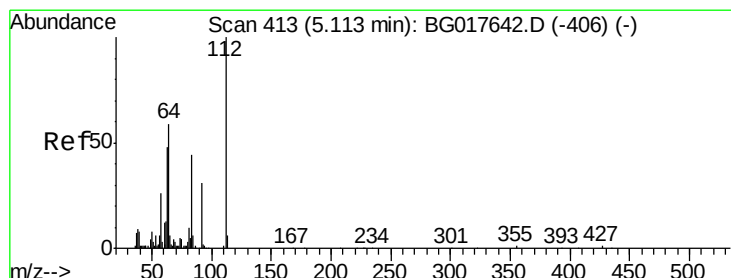
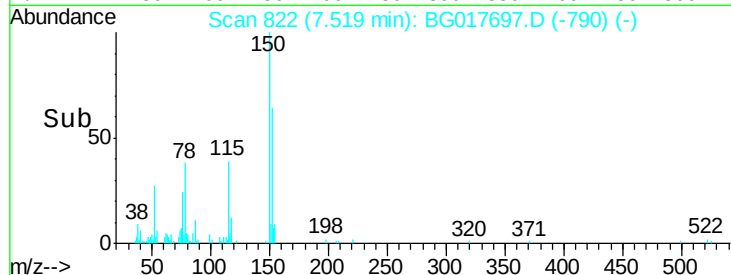
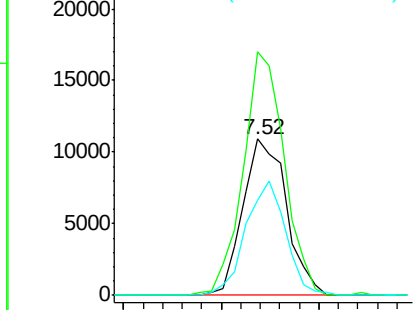
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG017697.D
Acq: 15 Jun 2015 19:32

Instrument :
BNA_G
ClientSampleId :
PB84004BL

Tgt Ion:152 Resp: 16902
Ion Ratio Lower Upper
152 100
150 155.9 119.4 179.0
115 61.2 58.2 87.2



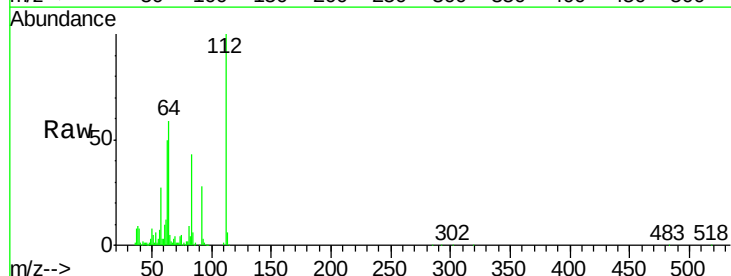
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



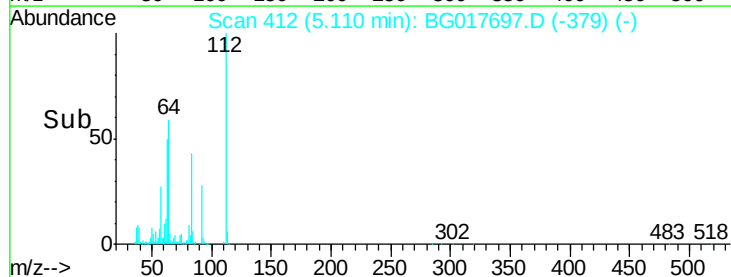
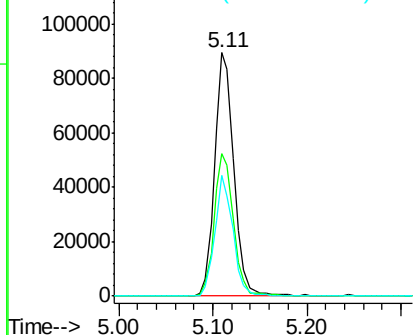
#5

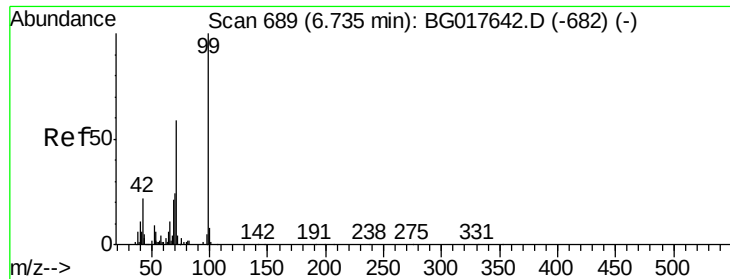
2-Fluorophenol
Concen: 147.83 ng
RT: 5.11 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG017697.D
Acq: 15 Jun 2015 19:32

Tgt Ion:112 Resp: 129013
Ion Ratio Lower Upper
112 100
64 58.6 47.0 70.6
63 49.8 38.6 58.0



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: 132.35 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG017697.D

Acq: 15 Jun 2015 19:32

Instrument :

BNA_G

ClientSampleId :

PB84004BL

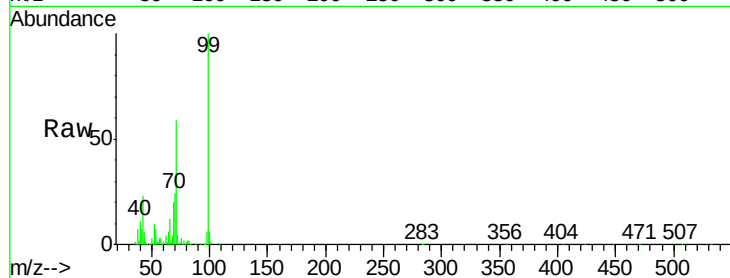
Tgt Ion: 99 Resp: 169244

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.2

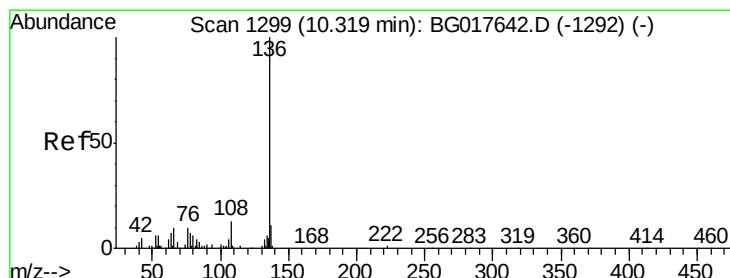
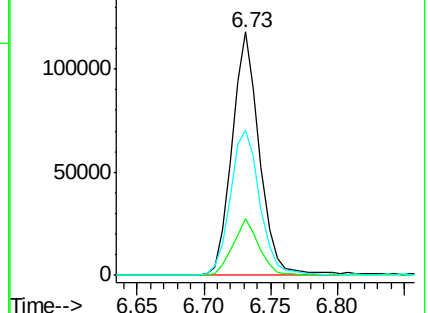
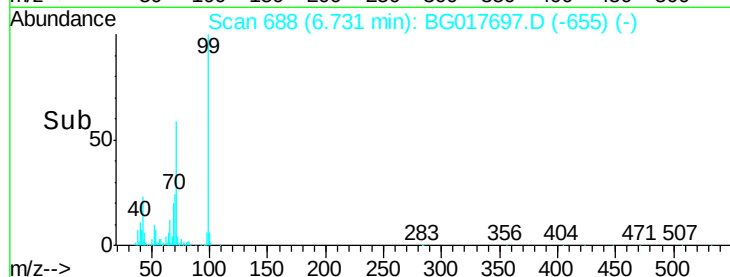
71 59.4 47.4 71.0



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: 10.32 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG017697.D

Acq: 15 Jun 2015 19:32

Tgt Ion: 136 Resp: 60144

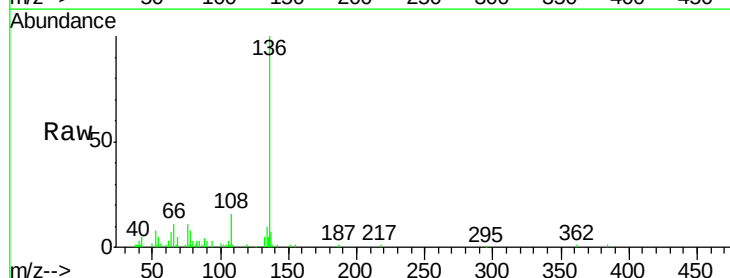
Ion Ratio Lower Upper

136 100

137 7.2 8.7 13.1#

54 5.3 4.7 7.1

68 5.1 2.4 3.6#

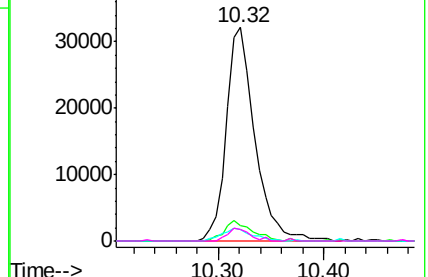
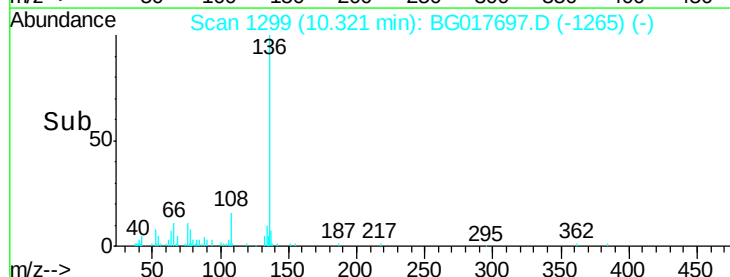


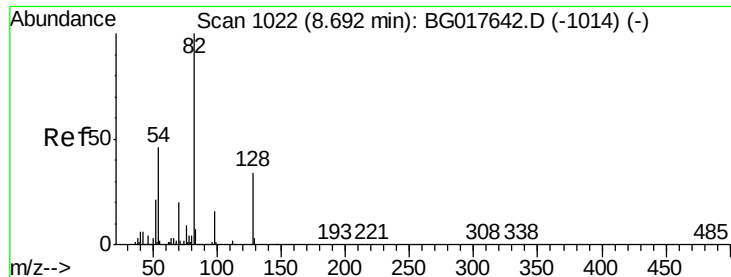
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

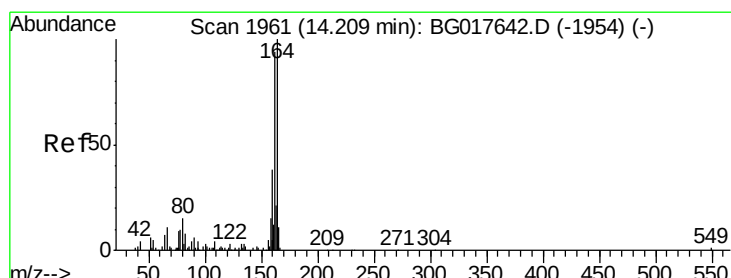
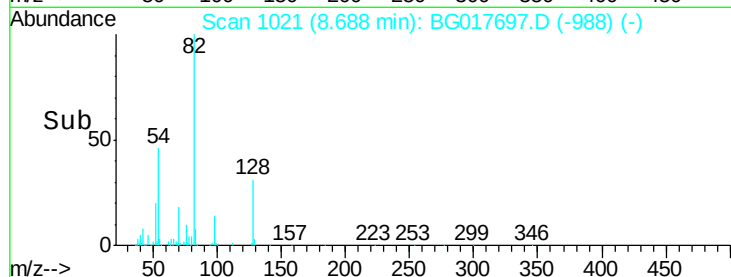
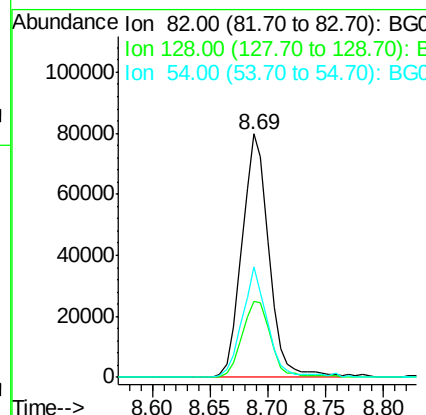
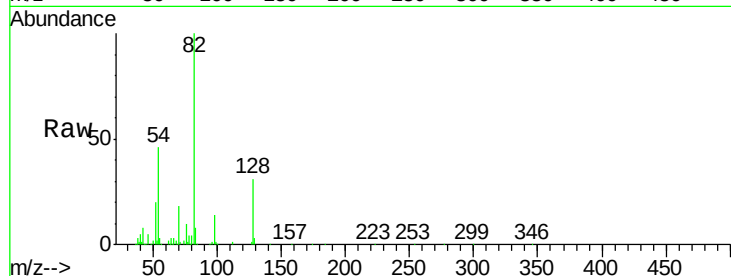




#23
 Nitrobenzene-d5
 Concen: 90.38 ng
 RT: 8.69 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG017697.D
 Acq: 15 Jun 2015 19:32

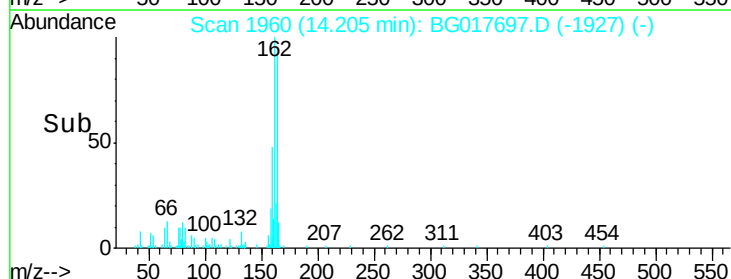
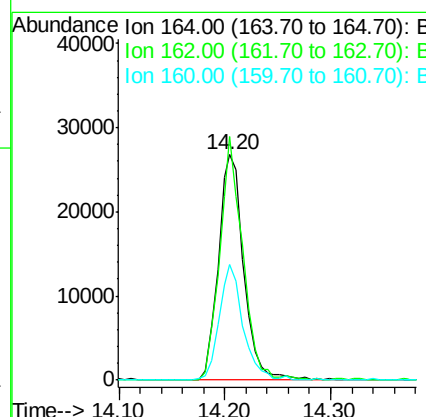
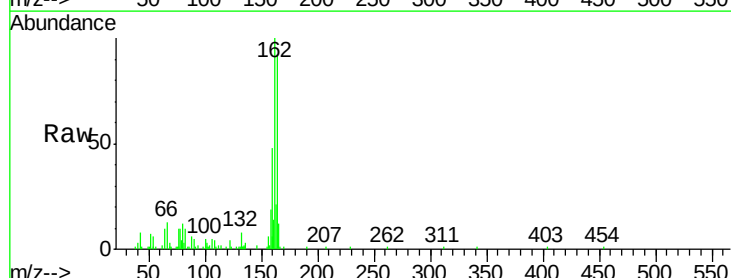
Instrument :
 BNA_G
 ClientSampleId :
 PB84004BL

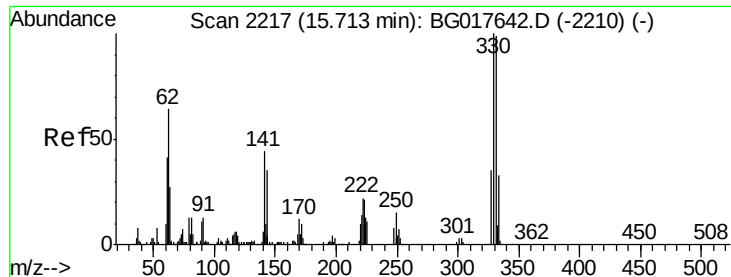
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.3	27.3	40.9
54	45.5	37.0	55.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG017697.D
 Acq: 15 Jun 2015 19:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	75.0	112.4
160	51.6	30.3	45.5

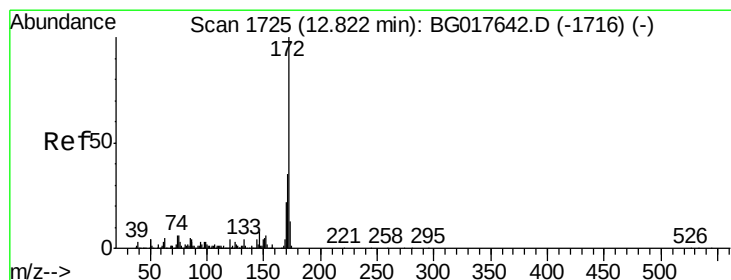
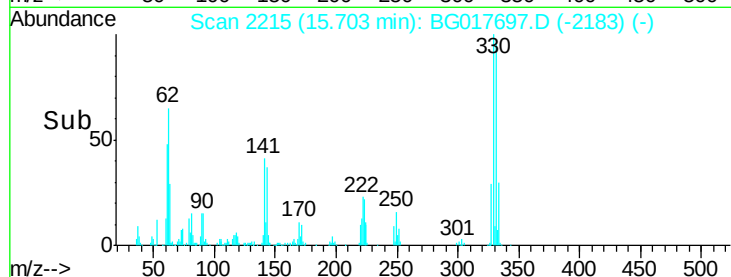
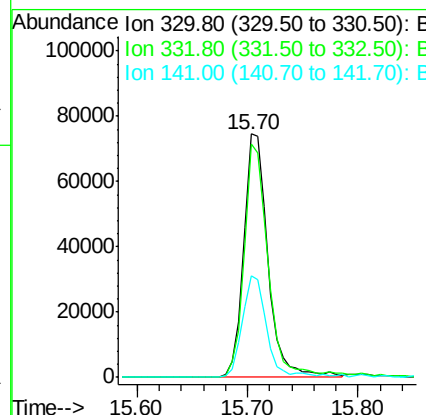
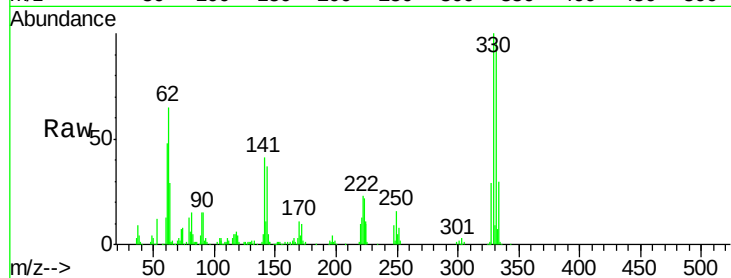




#41
 2,4,6-Tribromophenol
 Concen: 148.99 ng
 RT: 15.70 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BG017697.D
 Acq: 15 Jun 2015 19:32

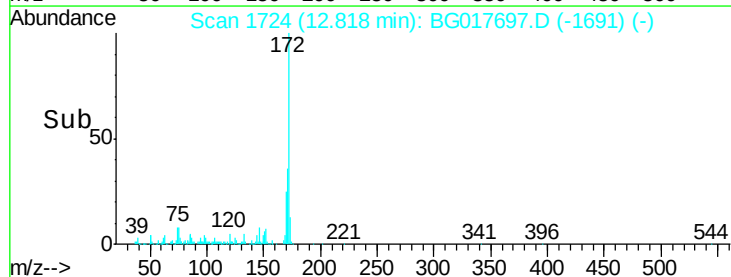
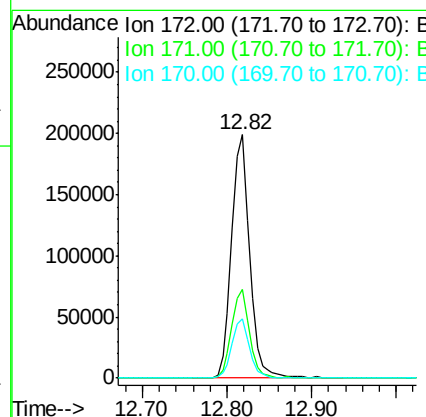
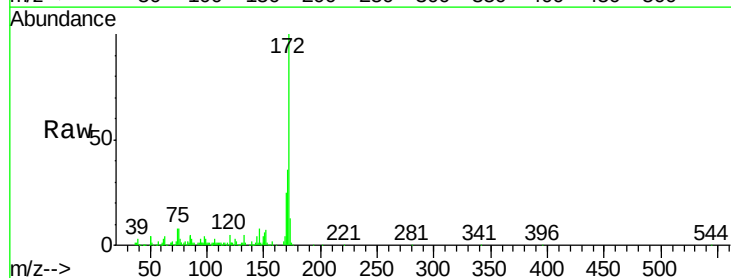
Instrument :
 BNA_G
 ClientSampleID :
 PB84004BL

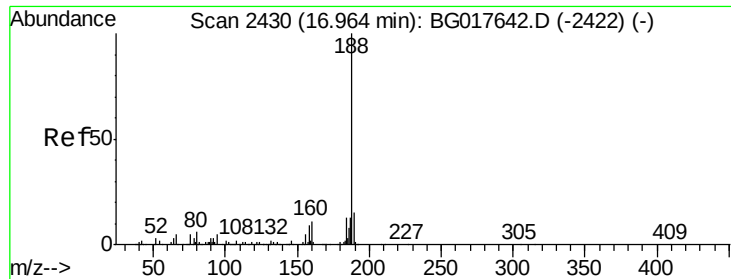
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.6	114.8
141	42.3	34.6	51.8



#44
 2-Fluorobiphenyl
 Concen: 90.65 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017697.D
 Acq: 15 Jun 2015 19:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.2
170	24.5	17.4	26.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG017697.D

Acq: 15 Jun 2015 19:32

Instrument :

BNA_G

ClientSampleId :

PB84004BL

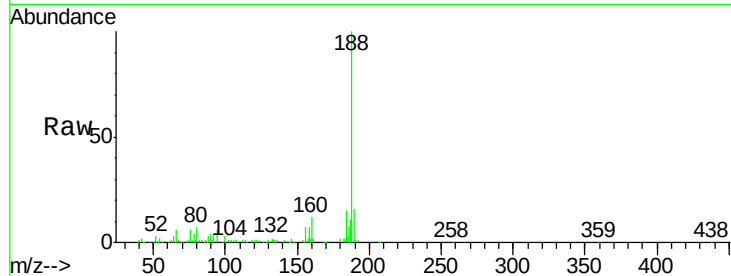
Tgt Ion:188 Resp: 128097

Ion Ratio Lower Upper

188 100

94 6.0 3.9 5.9#

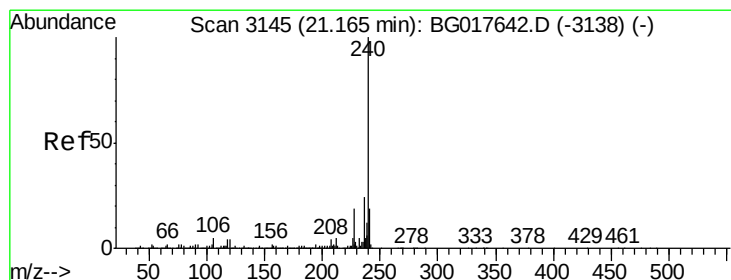
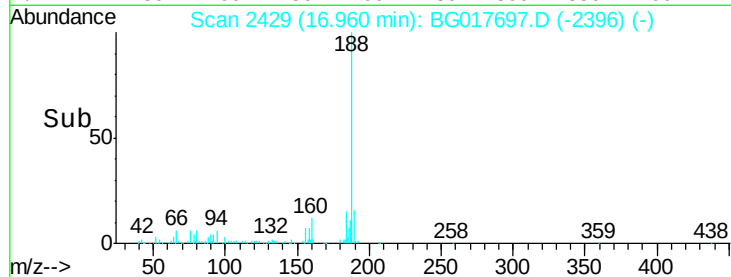
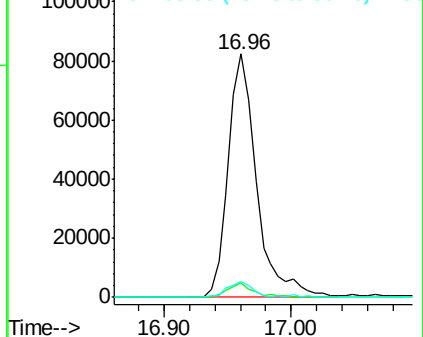
80 6.6 5.0 7.6



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: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017697.D

Acq: 15 Jun 2015 19:32

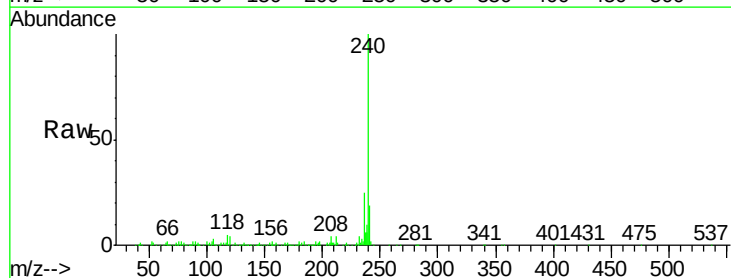
Tgt Ion:240 Resp: 192462

Ion Ratio Lower Upper

240 100

120 4.0 3.5 5.3

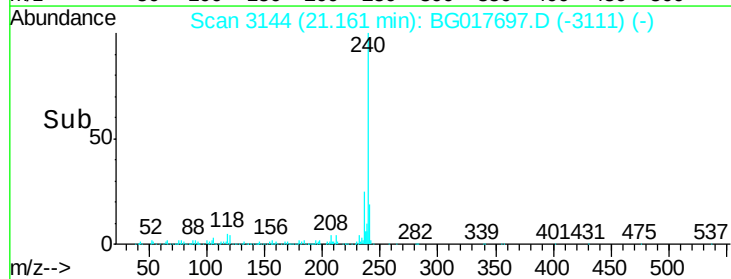
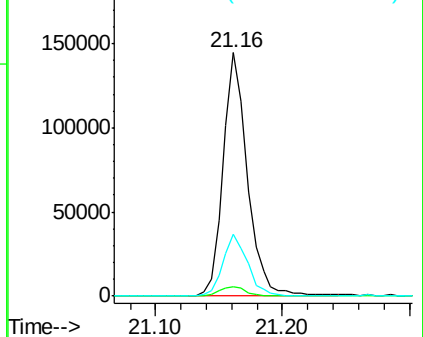
236 25.4 19.5 29.3

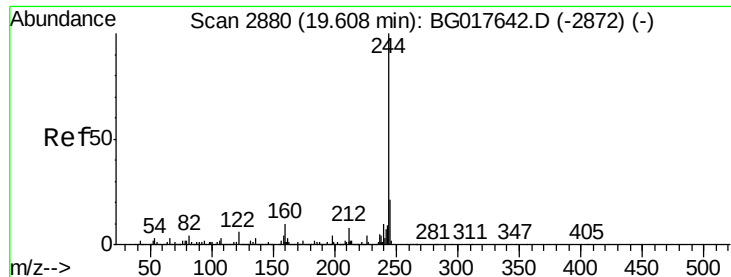


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.99 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017697.D

Acq: 15 Jun 2015 19:32

Instrument :

BNA_G

ClientSampleId :

PB84004BL

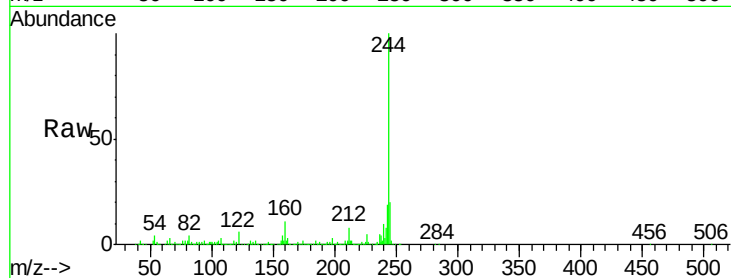
Tgt Ion:244 Resp: 857957

Ion Ratio Lower Upper

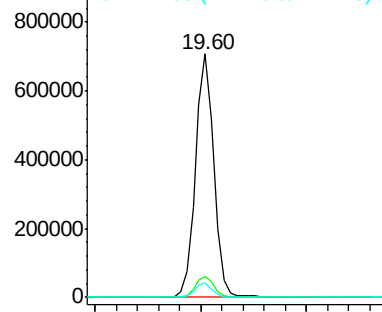
244 100

212 8.5 6.3 9.5

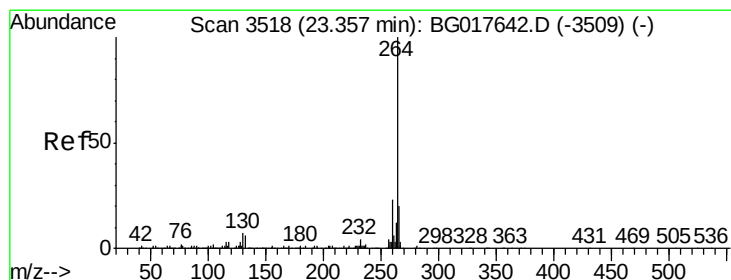
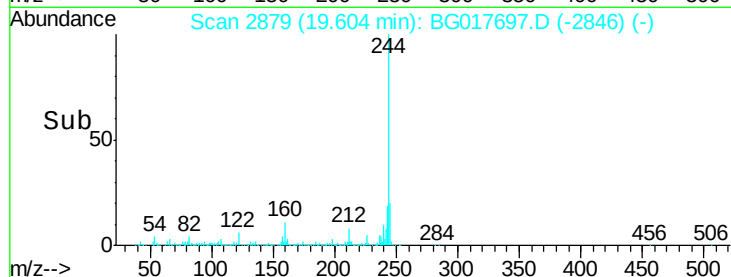
122 5.7 4.6 6.8



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



Time--> 19.50 19.60 19.70



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.36 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG017697.D

Acq: 15 Jun 2015 19:32

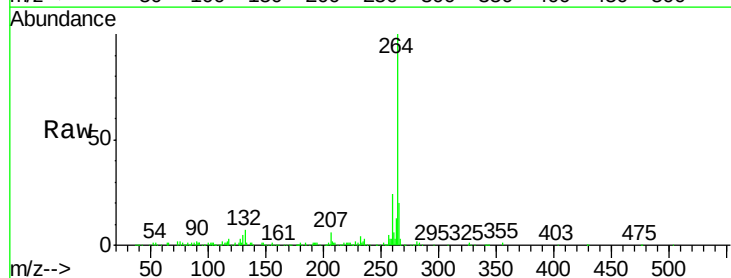
Tgt Ion:264 Resp: 200049

Ion Ratio Lower Upper

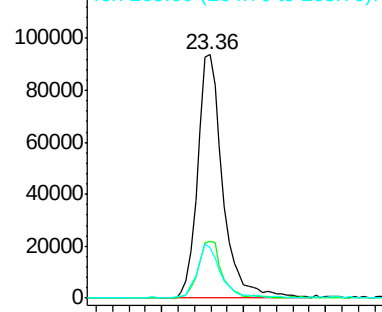
264 100

260 23.6 18.3 27.5

265 20.4 16.2 24.2



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



Time--> 23.30 23.40 23.50

