

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
 Data File : BG017216.D
 Acq On : 20 May 2015 16:01
 Operator : TP/IZ
 Sample : PB83496BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83496BL

Quant Time: May 21 02:33:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 02:15:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	35388	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	149820	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	96299	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	247968	20.00	ng	0.00
75) Chrysene-d12	21.29	240	279420	20.00	ng	0.00
86) Perylene-d12	23.55	264	274408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	263147	131.93	ng	0.00
7) Phenol-d6	6.89	99	347100	124.01	ng	0.00
23) Nitrobenzene-d5	8.85	82	228788	71.30	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	150930	129.65	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	478660	72.94	ng	0.00
78) Terphenyl-d14	19.74	244	956720	71.35	ng	0.00

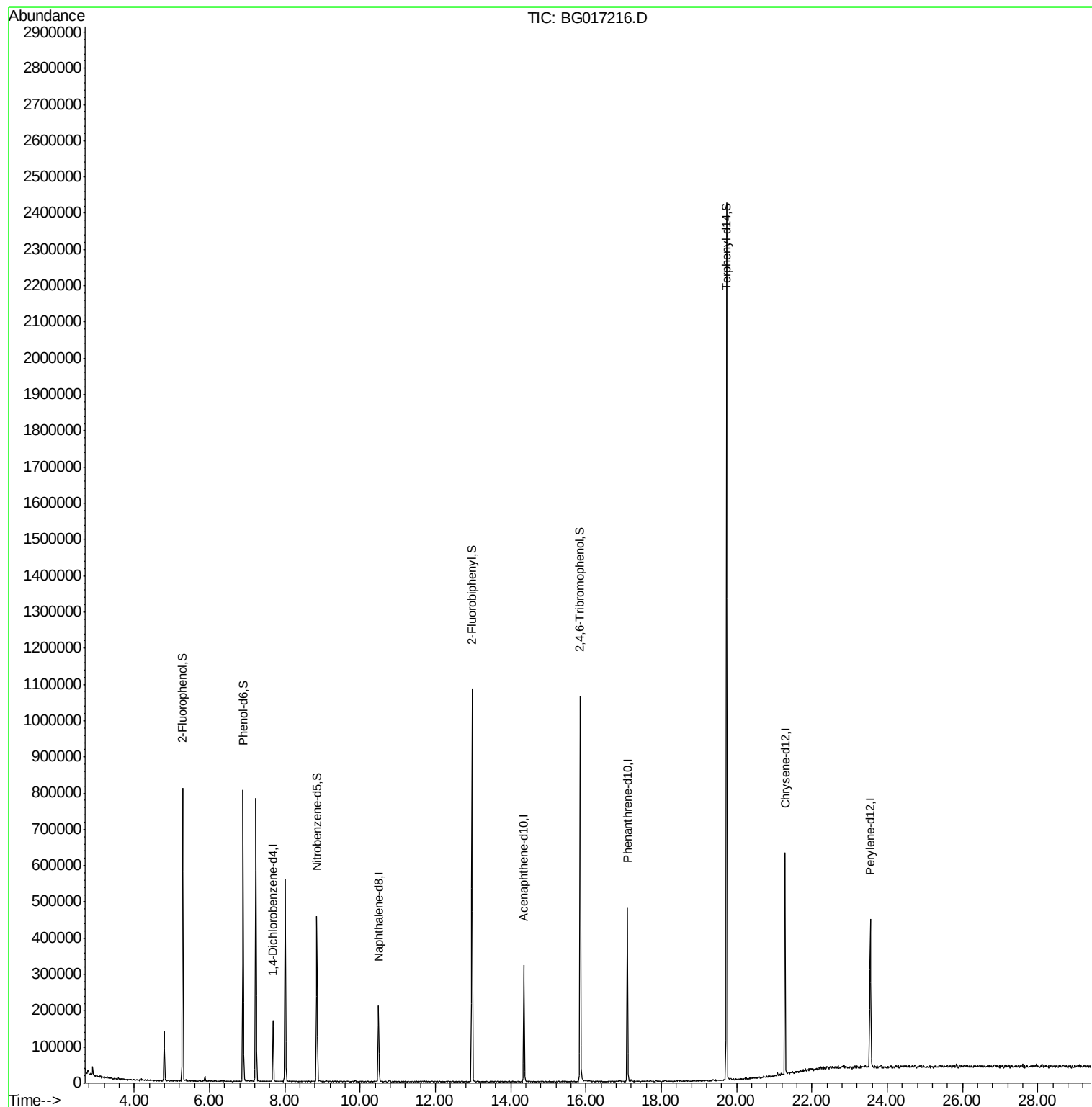
Target Compounds	Qvalue
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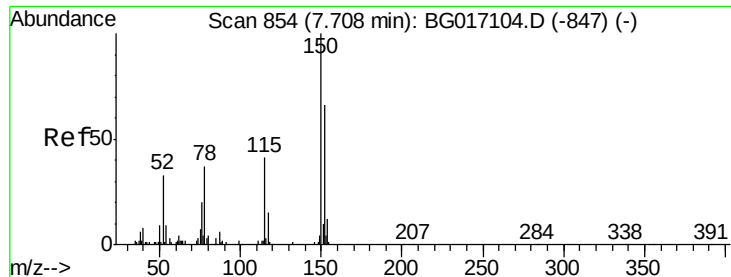
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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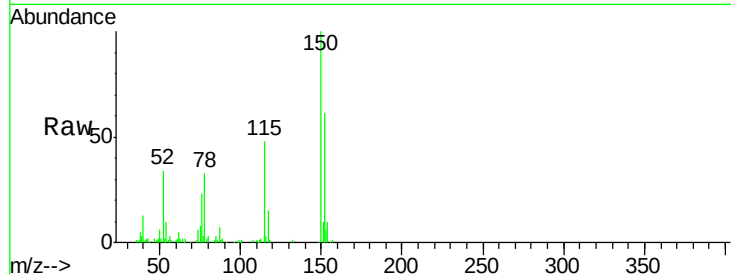


#1

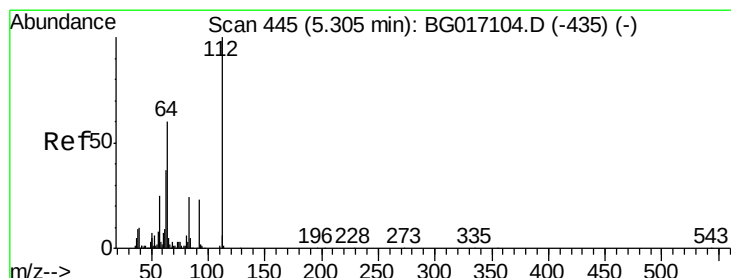
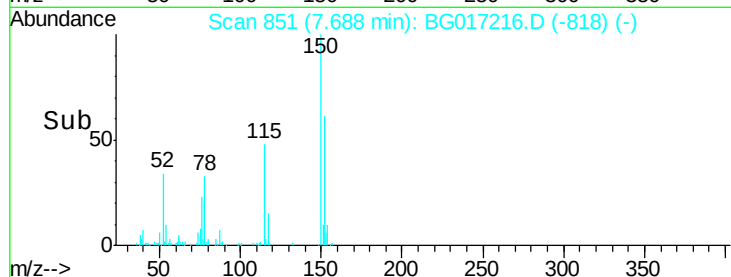
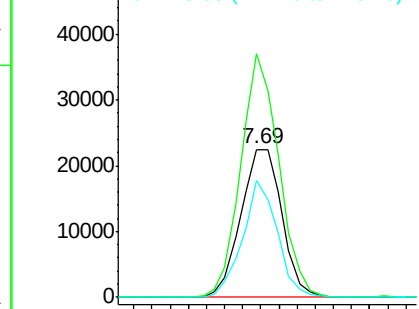
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. -0.01 min
Lab File: BG017216.D
Acq: 20 May 2015 16:01

Instrument :
BNA_G
ClientSampled :
PB83496BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.5	120.8	181.2
115	79.1	49.4	74.2



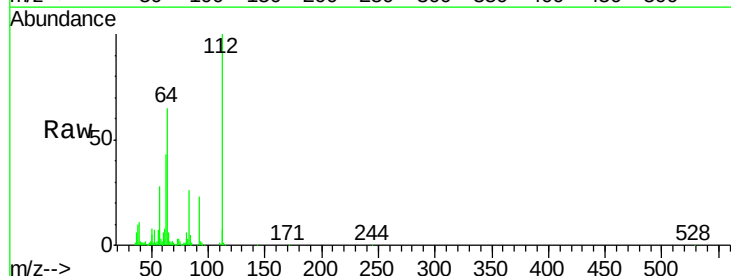
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



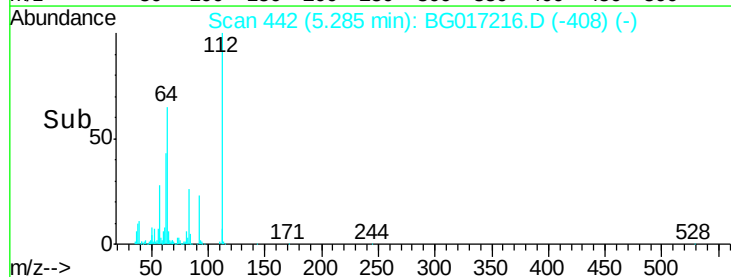
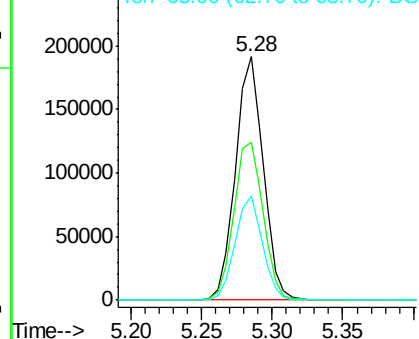
#5

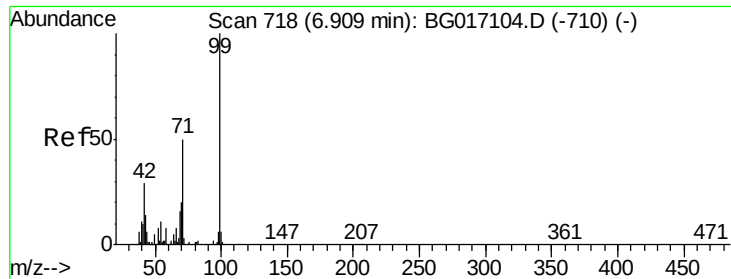
2-Fluorophenol
Concen: 131.93 ng
RT: 5.28 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG017216.D
Acq: 20 May 2015 16:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	48.1	72.1
63	42.7	29.8	44.8



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: 124.01 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG017216.D

Acq: 20 May 2015 16:01

Instrument :

BNA_G

ClientSampleId :

PB83496BL

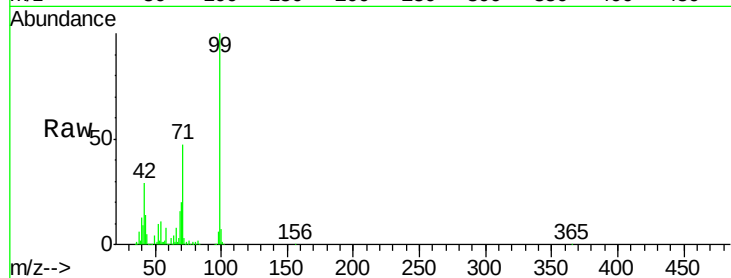
Tgt Ion: 99 Resp: 347100

Ion Ratio Lower Upper

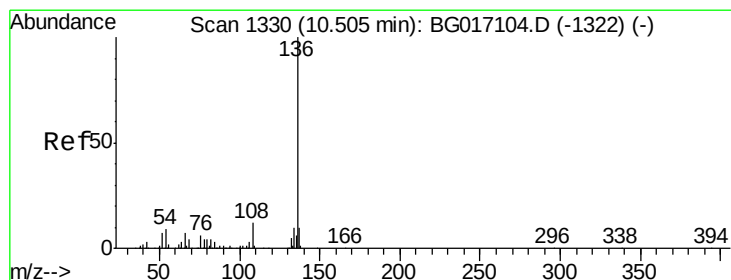
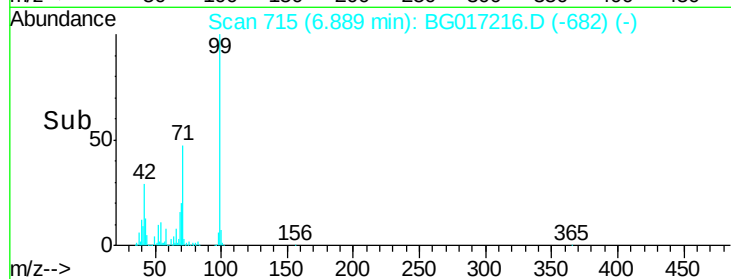
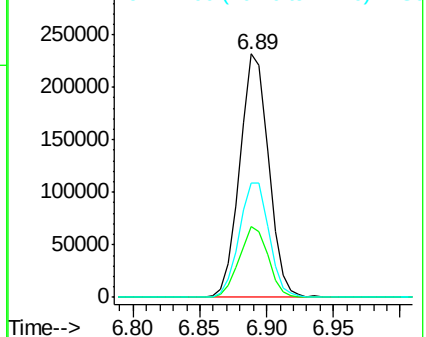
99 100

42 29.3 23.5 35.3

71 47.0 39.8 59.8



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: 10.48 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BG017216.D

Acq: 20 May 2015 16:01

Tgt Ion: 136 Resp: 149820

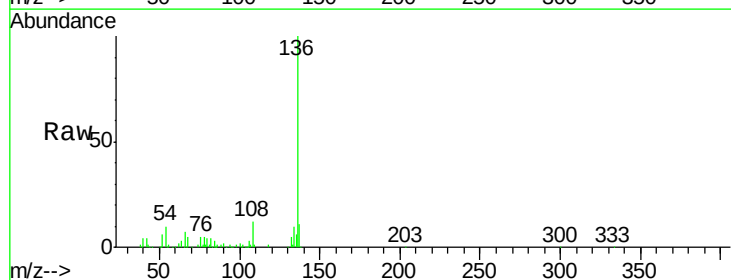
Ion Ratio Lower Upper

136 100

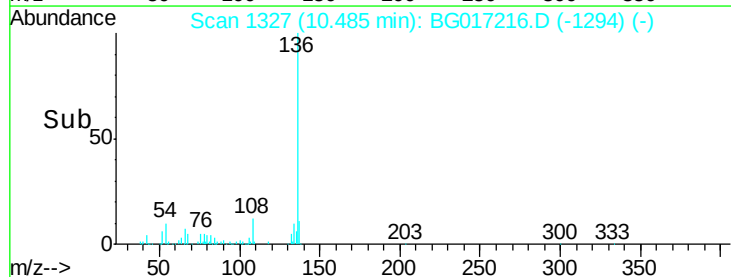
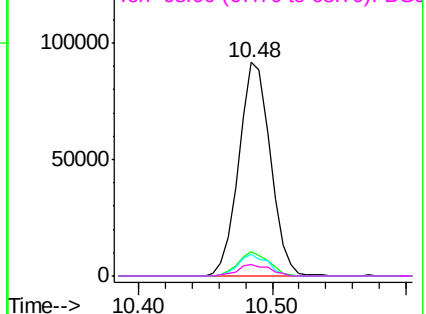
137 11.5 8.3 12.5

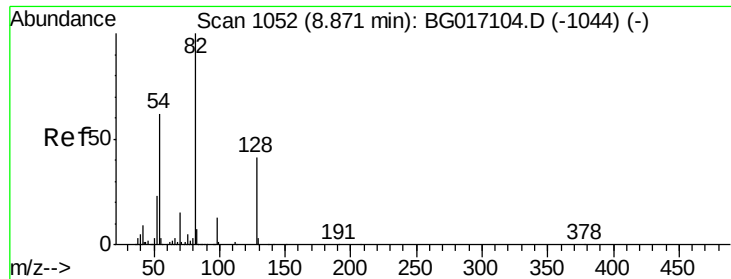
54 10.2 7.4 11.2

68 5.4 3.6 5.4#



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

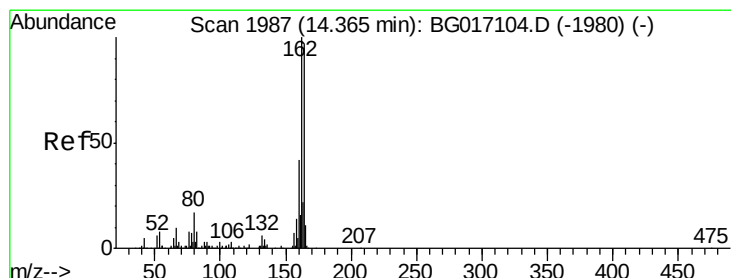
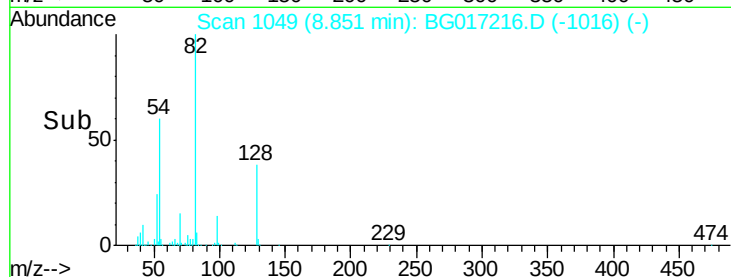
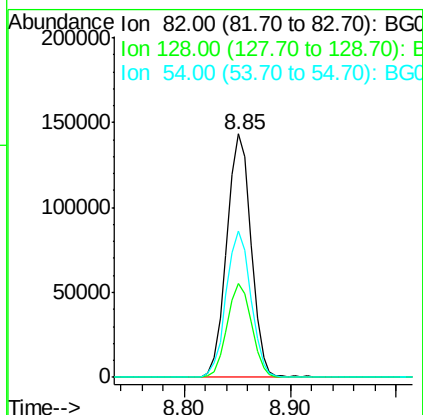
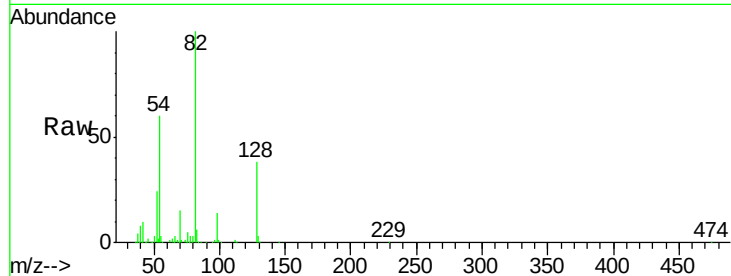




#23
 Nitrobenzene-d5
 Concen: 71.30 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG017216.D
 Acq: 20 May 2015 16:01

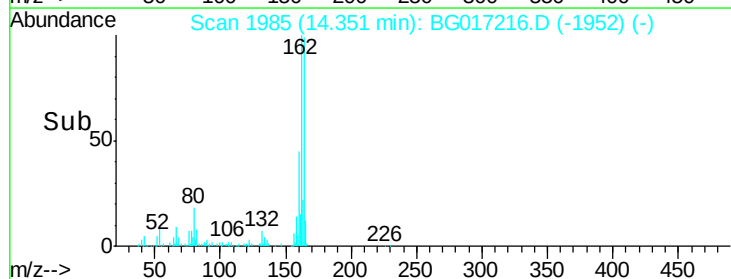
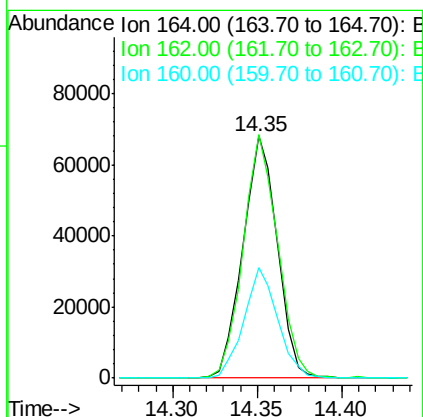
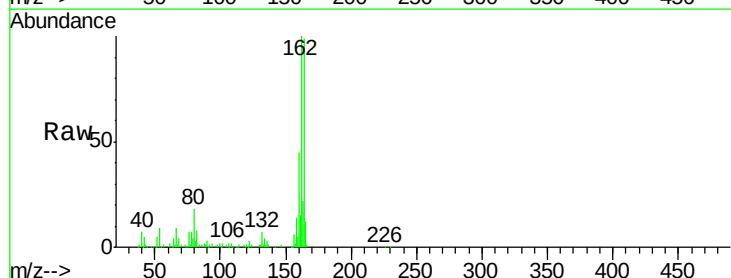
Instrument :
 BNA_G
 ClientSampleId :
 PB83496BL

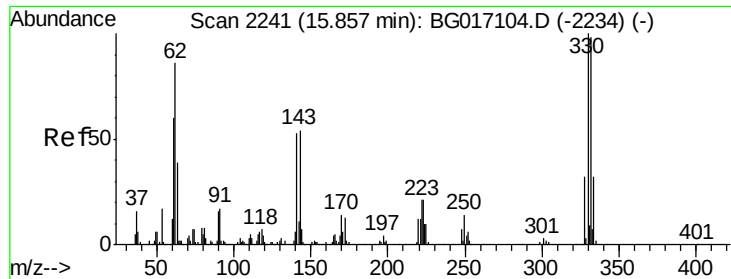
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.6	49.0
54	60.3	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG017216.D
 Acq: 20 May 2015 16:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.1	123.1
160	45.7	34.8	52.2

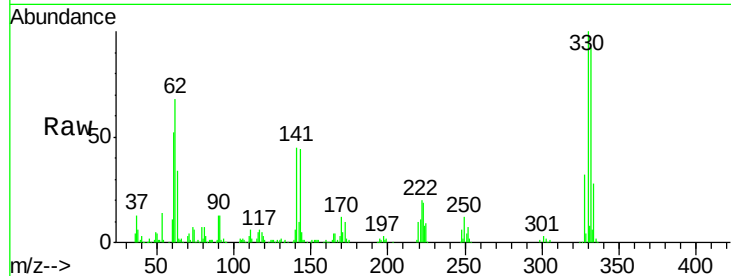




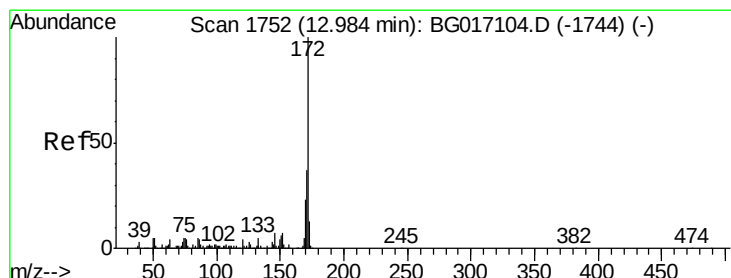
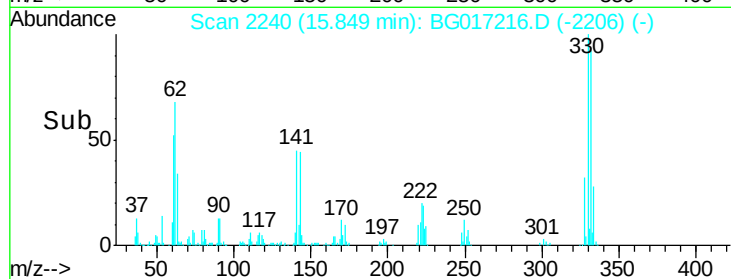
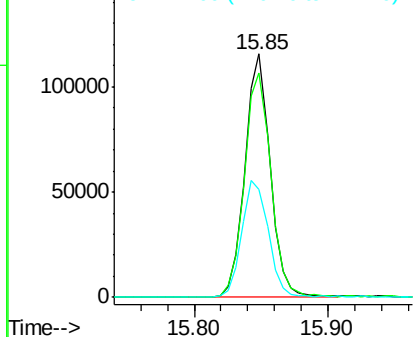
#41
 2,4,6-Tribromophenol
 Concen: 129.65 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: BG017216.D
 Acq: 20 May 2015 16:01

Instrument :
 BNA_G
 ClientSampleId :
 PB83496BL

Tgt Ion:330 Resp: 150930
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 50.6 42.2 63.2

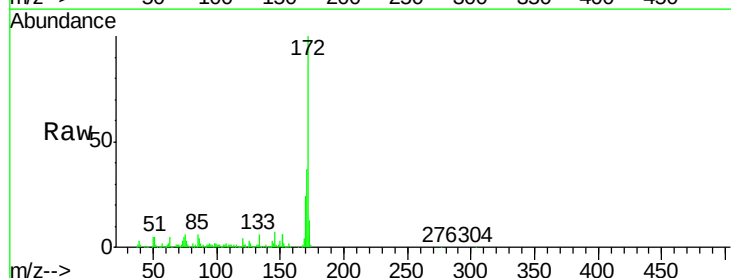


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

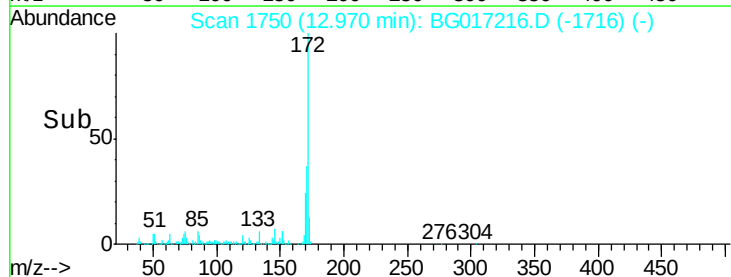
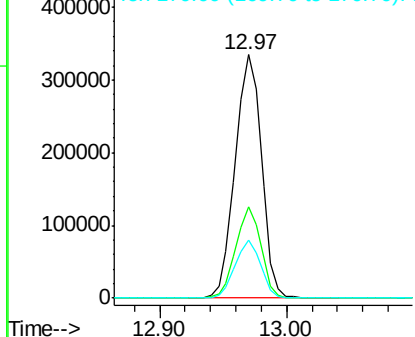


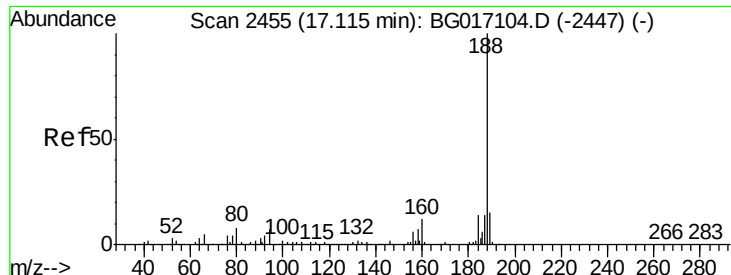
#44
 2-Fluorobiphenyl
 Concen: 72.94 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: BG017216.D
 Acq: 20 May 2015 16:01

Tgt Ion:172 Resp: 478660
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 24.0 18.4 27.6



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: 17.10 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG017216.D

Acq: 20 May 2015 16:01

Instrument :

BNA_G

ClientSampleId :

PB83496BL

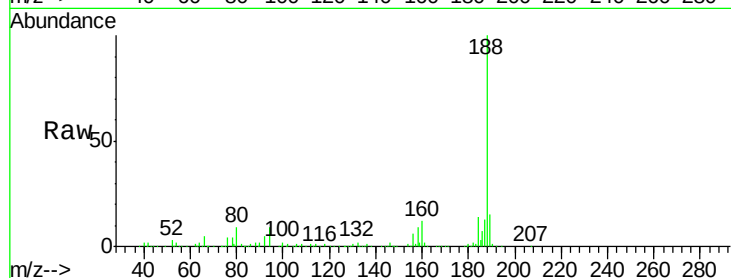
Tgt Ion:188 Resp: 247968

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.6#

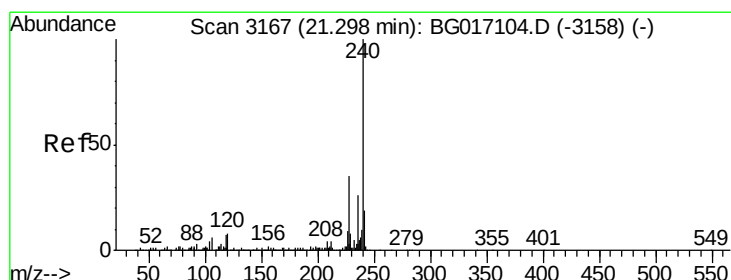
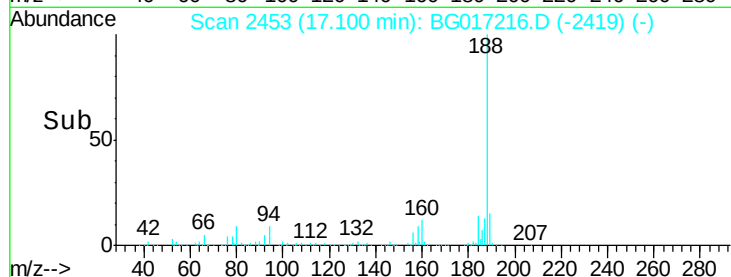
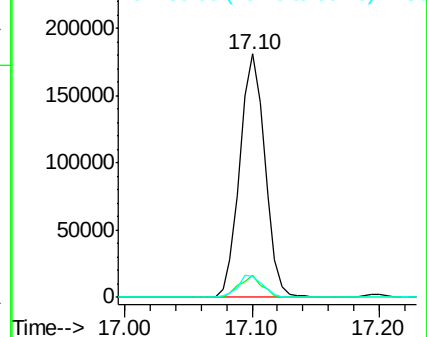
80 8.6 6.5 9.7



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: 21.29 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG017216.D

Acq: 20 May 2015 16:01

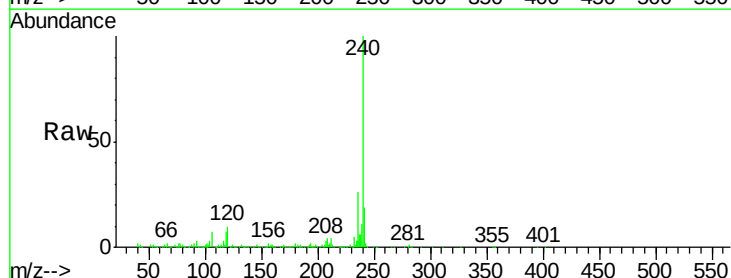
Tgt Ion:240 Resp: 279420

Ion Ratio Lower Upper

240 100

120 9.7 6.0 9.0#

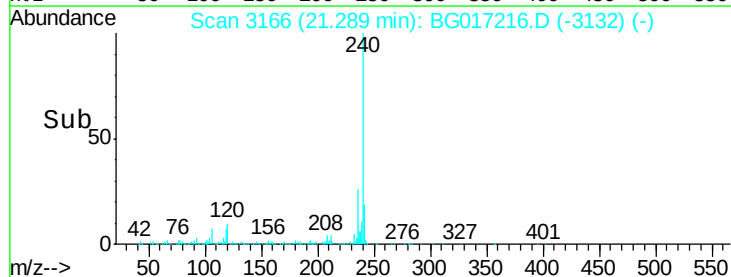
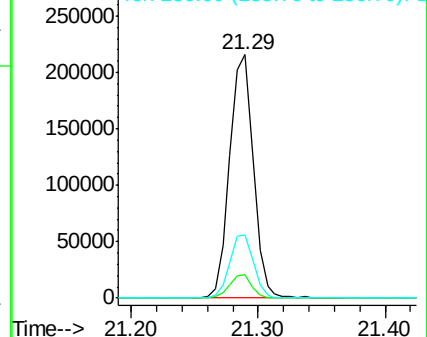
236 25.8 20.5 30.7

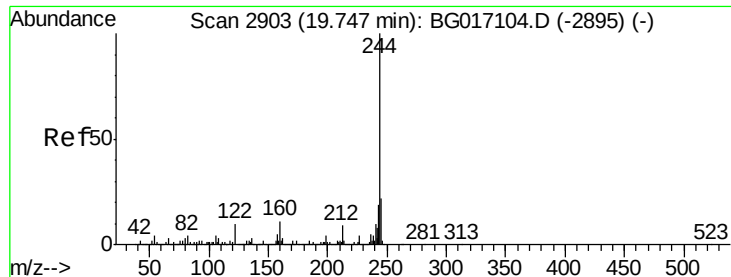


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.35 ng

RT: 19.74 min Scan# 2902

Delta R.T. 0.00 min

Lab File: BG017216.D

Acq: 20 May 2015 16:01

Instrument :

BNA_G

ClientSampleId :

PB83496BL

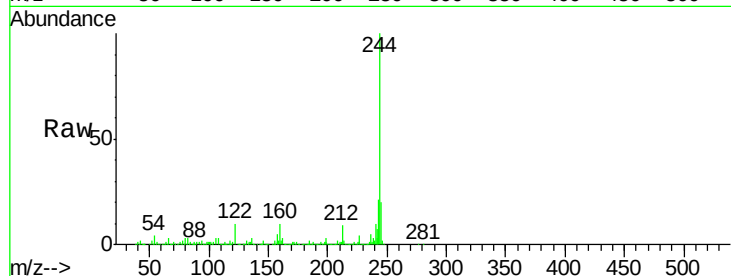
Tgt Ion:244 Resp: 956720

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

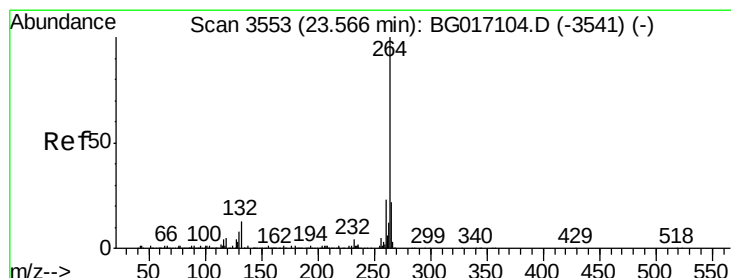
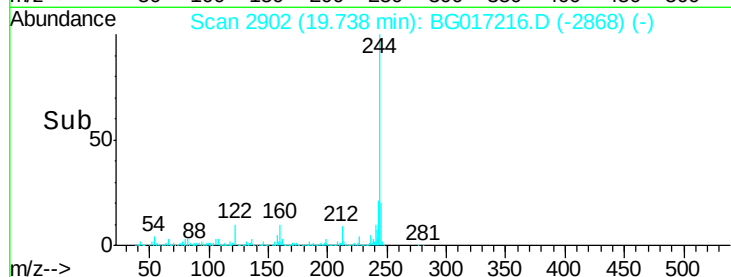
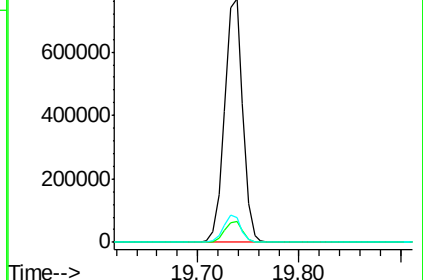
122 9.9 8.4 12.6



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: 23.55 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG017216.D

Acq: 20 May 2015 16:01

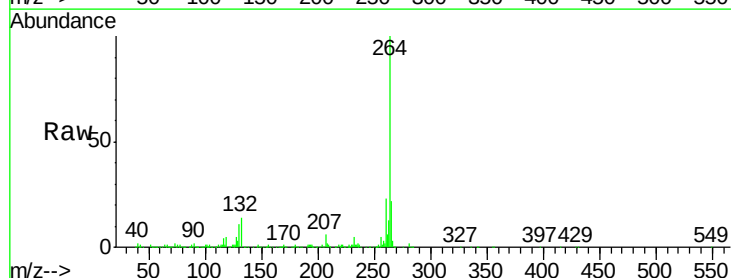
Tgt Ion:264 Resp: 274408

Ion Ratio Lower Upper

264 100

260 23.4 18.0 27.0

265 21.8 17.4 26.0



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

