

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
 Data File : BG017201.D
 Acq On : 19 May 2015 16:56
 Operator : TP/IZ
 Sample : PB83480BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83480BL

Quant Time: May 20 02:26:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 02:03:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	45703	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	178628	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	112172	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	277091	20.00	ng	0.00
75) Chrysene-d12	21.29	240	303749	20.00	ng	0.00
86) Perylene-d12	23.56	264	305577	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	315519	122.49	ng	0.00
7) Phenol-d6	6.90	99	403806	111.71	ng	0.00
23) Nitrobenzene-d5	8.86	82	266553	69.67	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	169438	124.96	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	541470	70.83	ng	0.00
78) Terphenyl-d14	19.74	244	1010399	69.32	ng	0.00

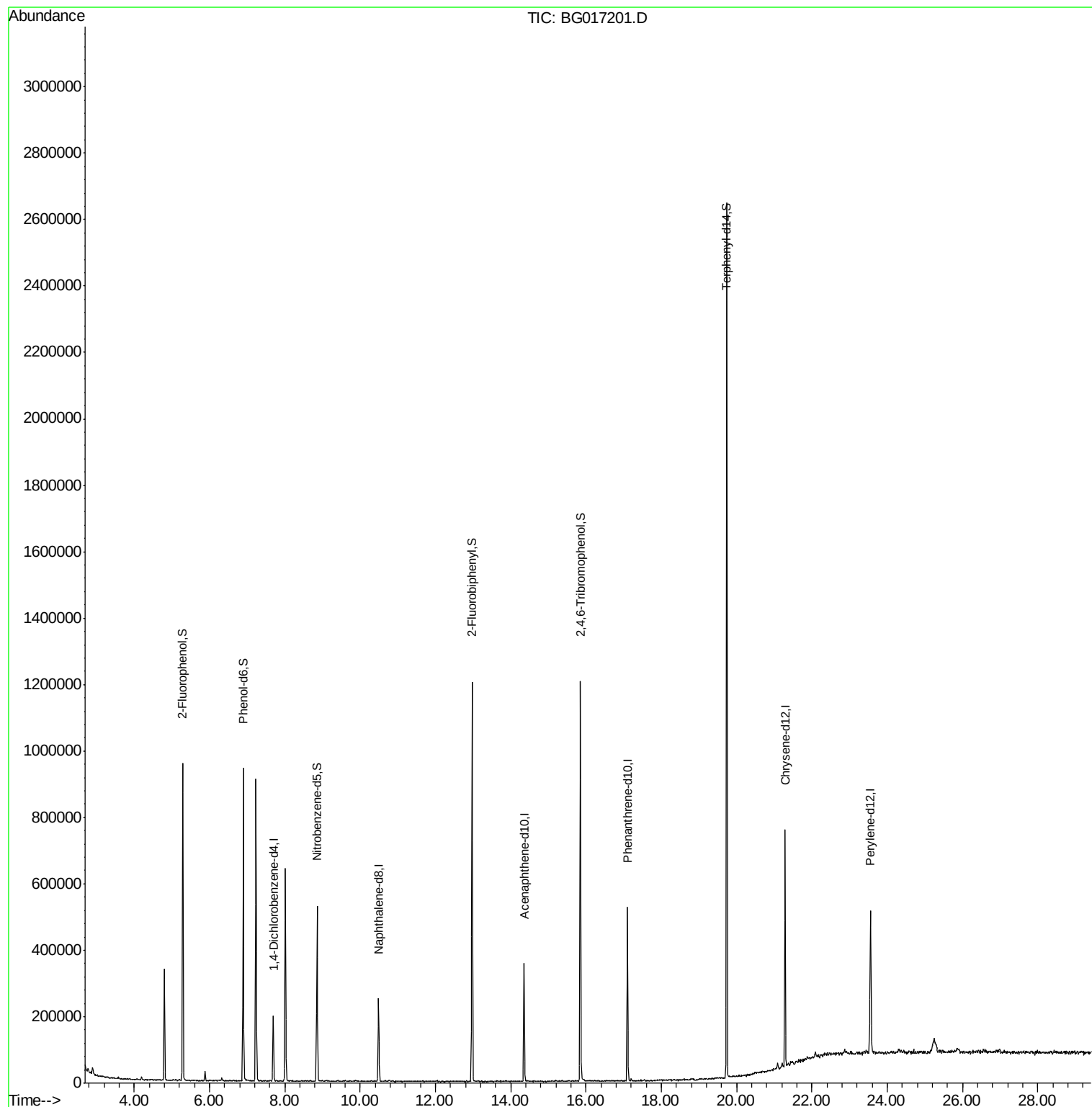
Target Compounds	Qvalue
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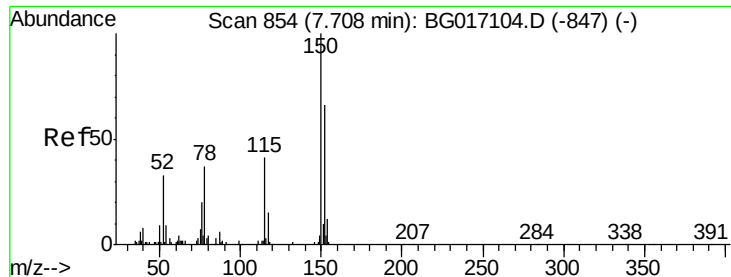
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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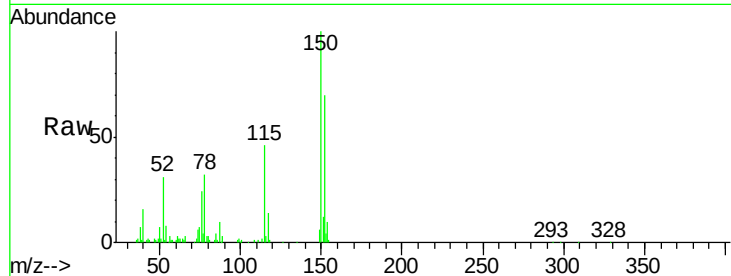


#1

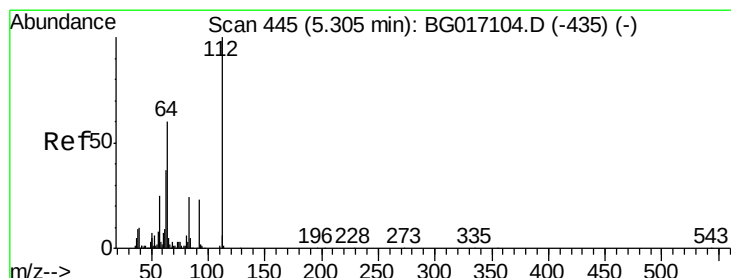
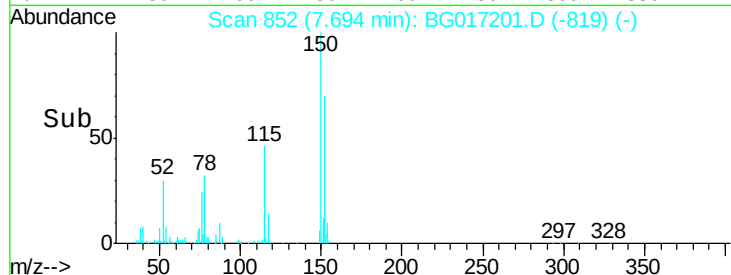
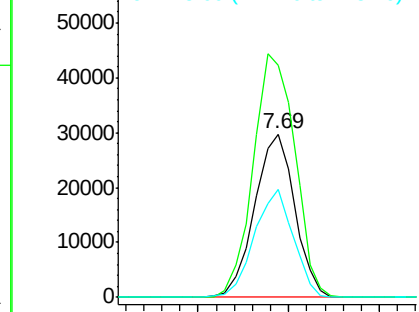
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 852
Delta R.T. -0.01 min
Lab File: BG017201.D
Acq: 19 May 2015 16:56

Instrument :
BNA_G
ClientSampleId :
PB83480BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.0	120.8	181.2
115	65.8	49.4	74.2



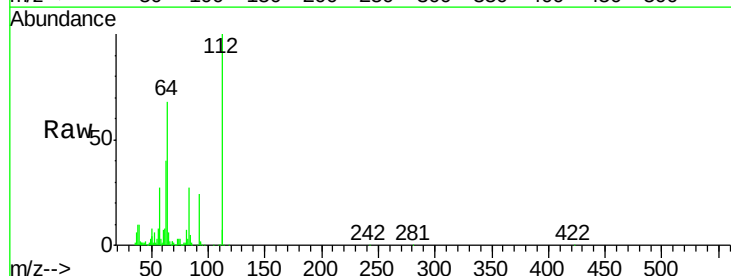
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



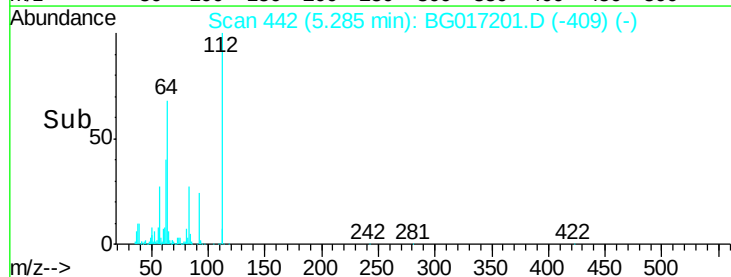
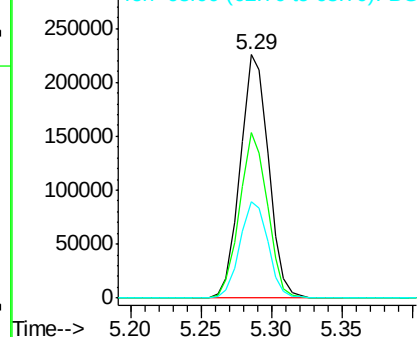
#5

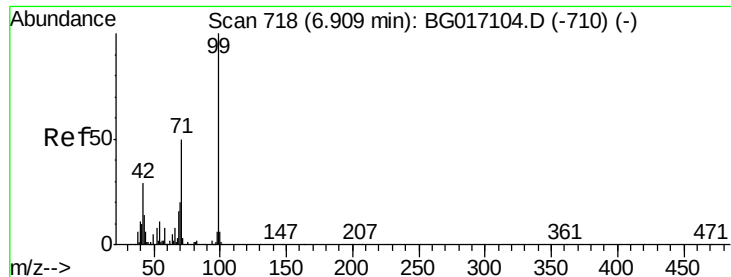
2-Fluorophenol
Concen: 122.49 ng
RT: 5.29 min Scan# 442
Delta R.T. -0.01 min
Lab File: BG017201.D
Acq: 19 May 2015 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	48.1	72.1
63	39.8	29.8	44.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 111.71 ng

RT: 6.90 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG017201.D

Acq: 19 May 2015 16:56

Instrument :

BNA_G

ClientSampleId :

PB83480BL

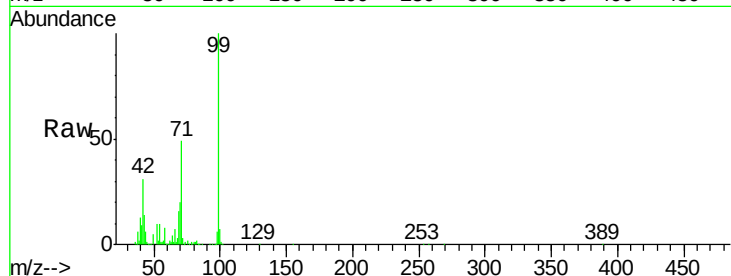
Tgt Ion: 99 Resp: 403806

Ion Ratio Lower Upper

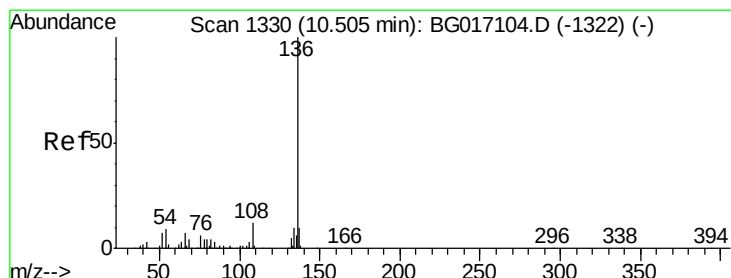
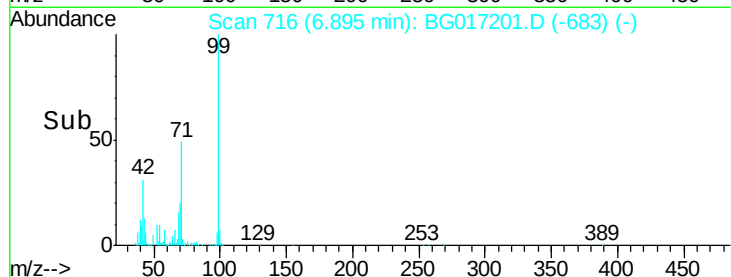
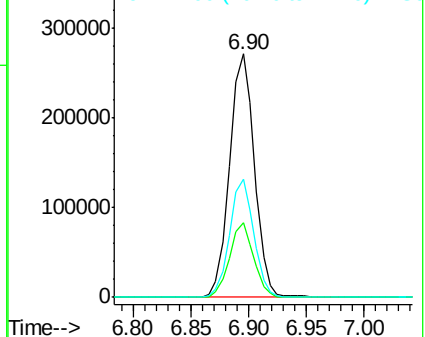
99 100

42 30.7 23.5 35.3

71 48.6 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: 10.49 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BG017201.D

Acq: 19 May 2015 16:56

Tgt Ion: 136 Resp: 178628

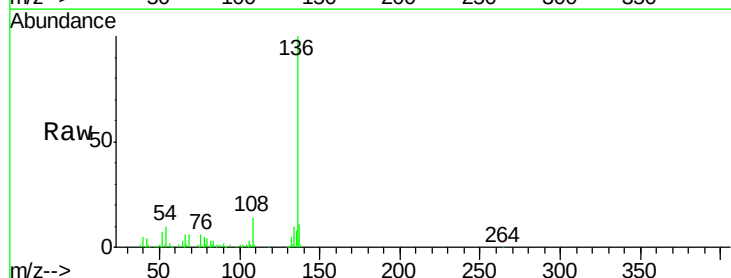
Ion Ratio Lower Upper

136 100

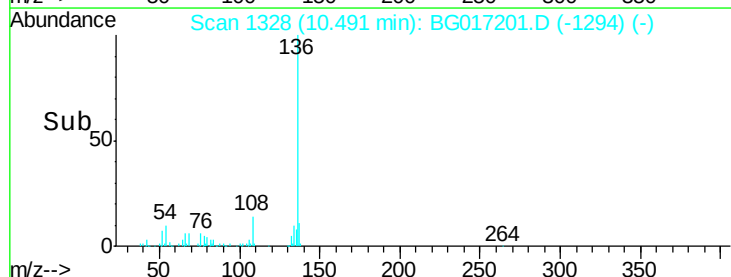
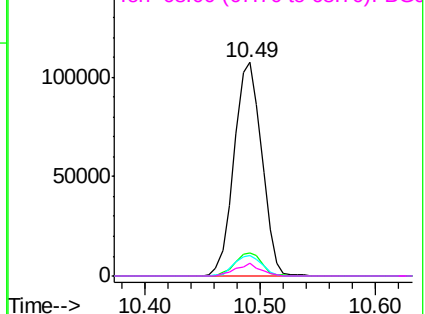
137 10.8 8.3 12.5

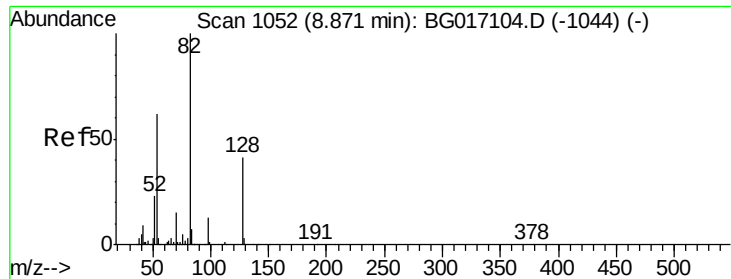
54 9.8 7.4 11.2

68 6.3 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

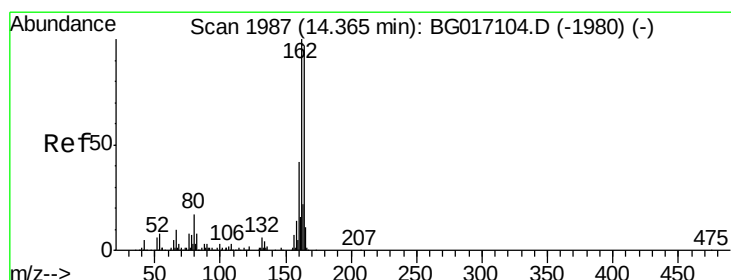
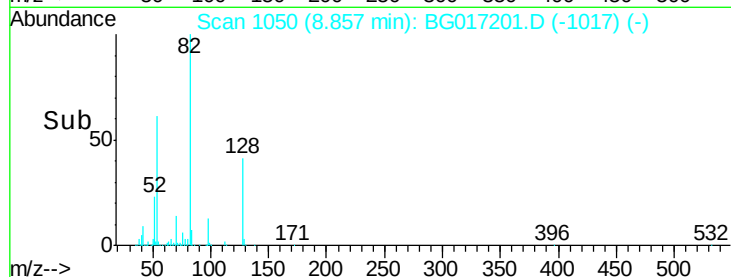
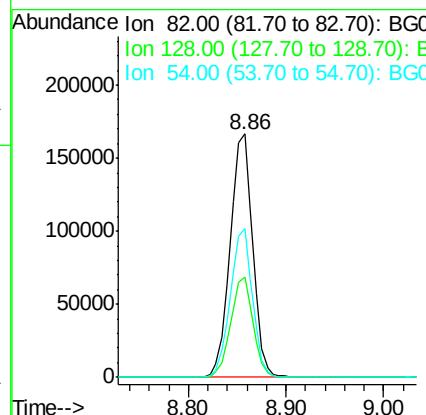
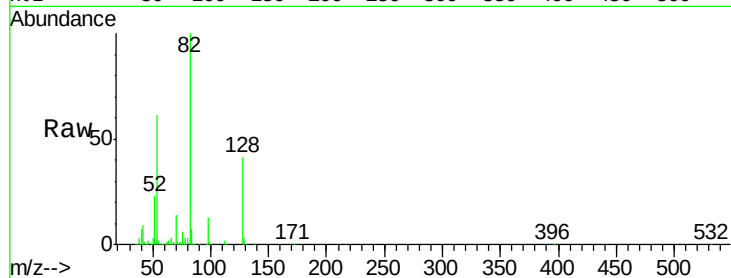




#23
 Nitrobenzene-d5
 Concen: 69.67 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BG017201.D
 Acq: 19 May 2015 16:56

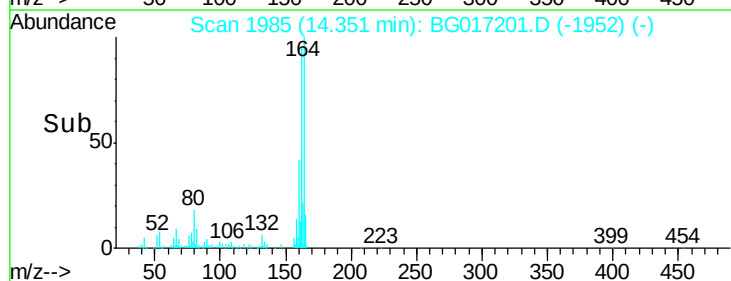
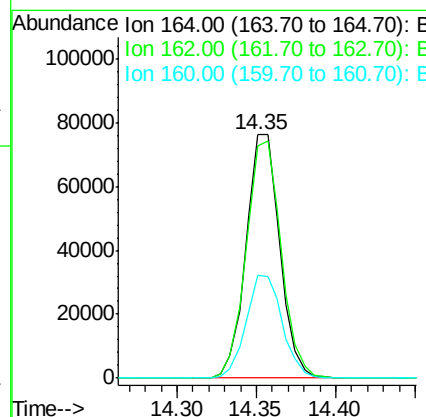
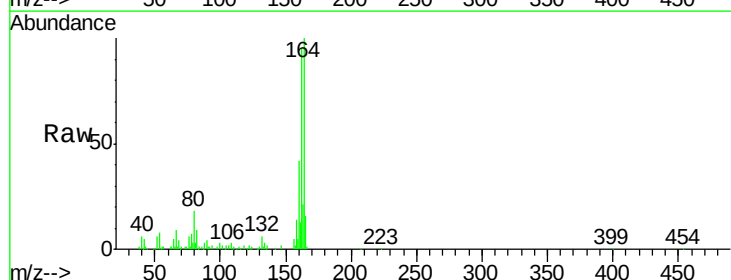
Instrument :
 BNA_G
 ClientSampleId :
 PB83480BL

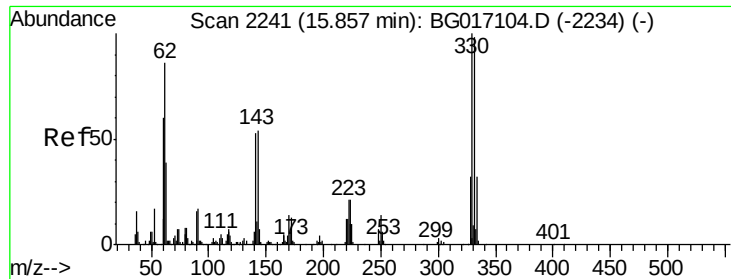
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.6	49.0
54	60.9	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG017201.D
 Acq: 19 May 2015 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.5	82.1	123.1
160	42.1	34.8	52.2

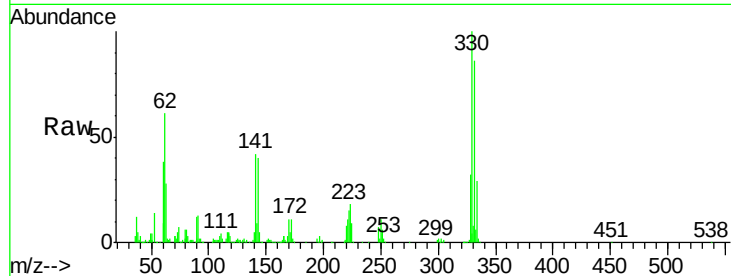




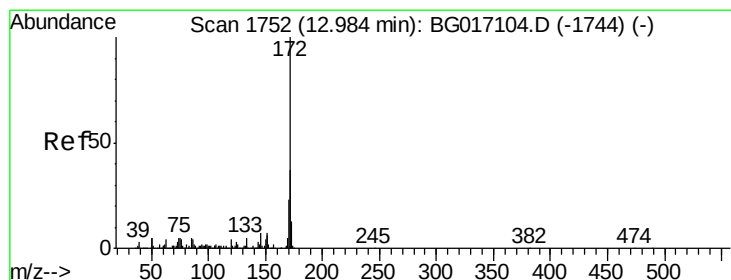
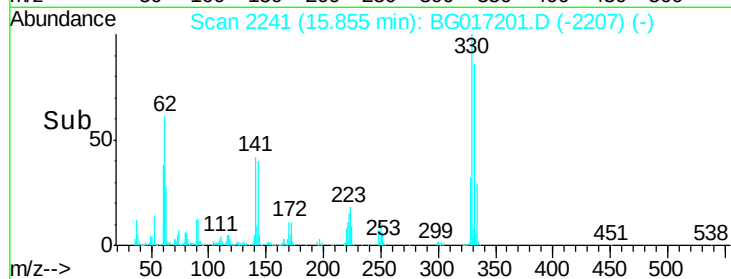
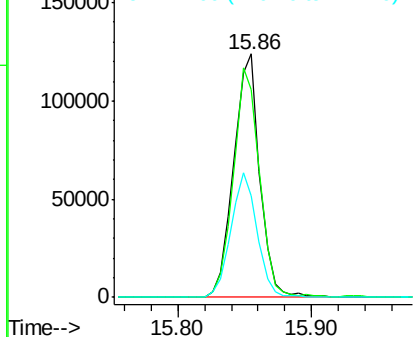
#41
 2,4,6-Tribromophenol
 Concen: 124.96 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG017201.D
 Acq: 19 May 2015 16:56

Instrument :
 BNA_G
 ClientSampleId :
 PB83480BL

Tgt Ion:330 Resp: 169438
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.9 115.3
 141 51.6 42.2 63.2

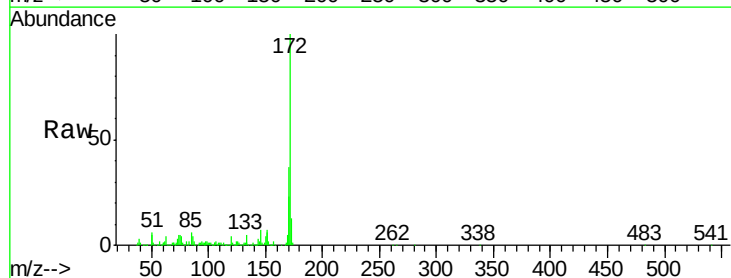


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

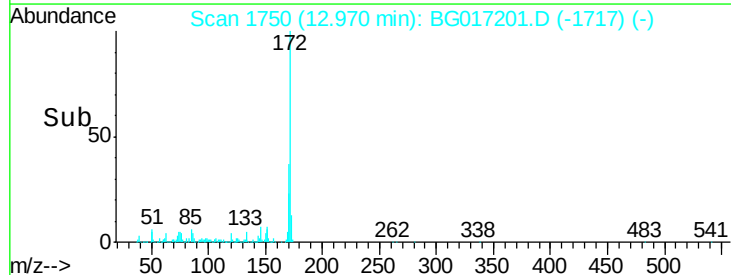
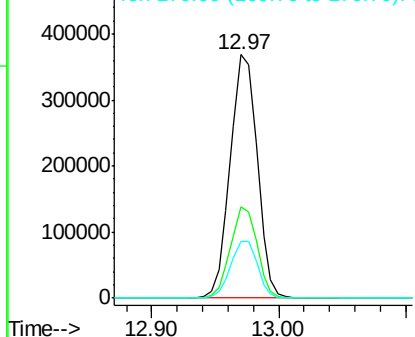


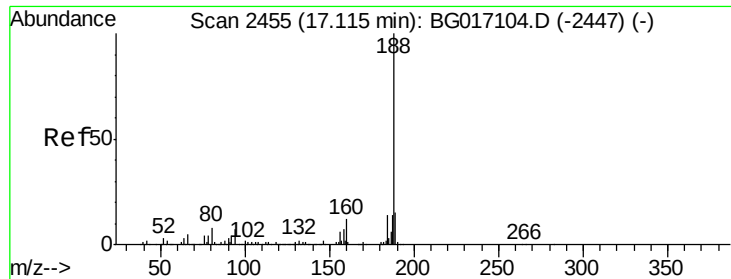
#44
 2-Fluorobiphenyl
 Concen: 70.83 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG017201.D
 Acq: 19 May 2015 16:56

Tgt Ion:172 Resp: 541470
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 23.2 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

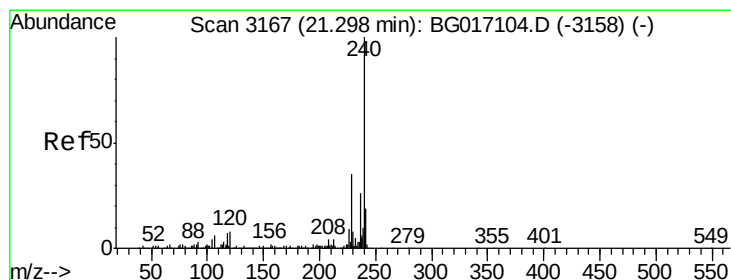
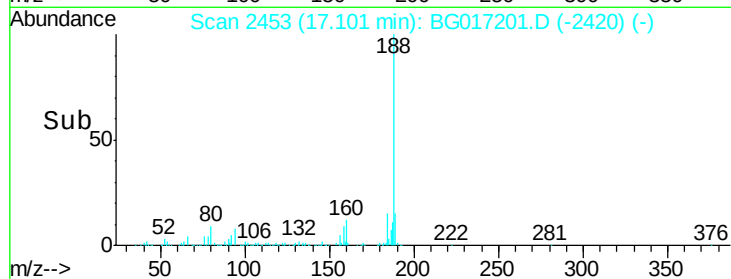
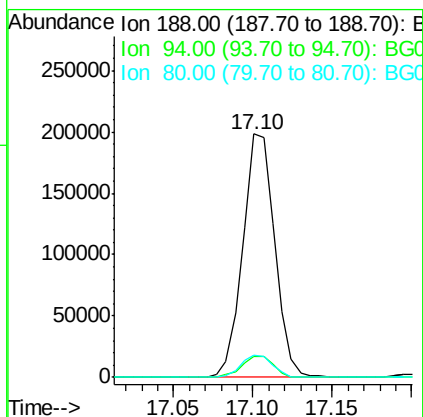
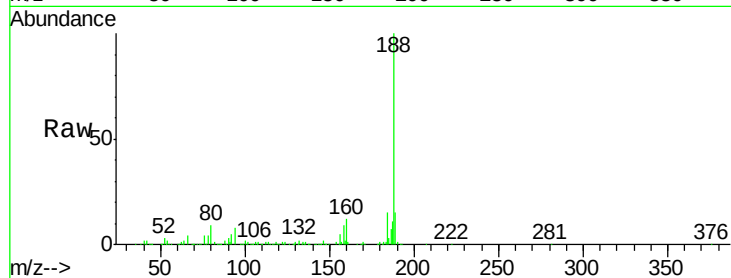




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG017201.D
Acq: 19 May 2015 16:56

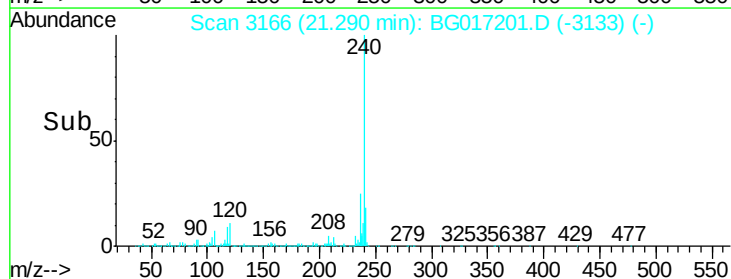
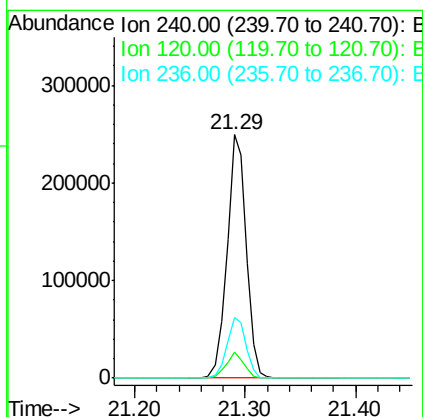
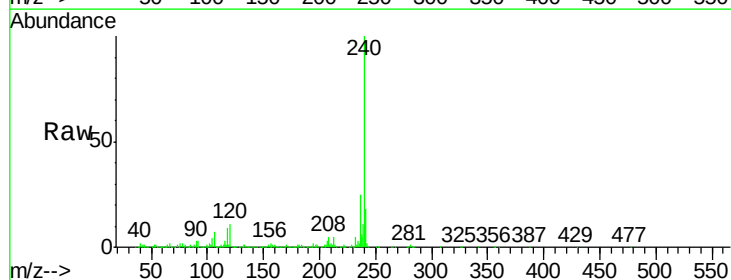
Instrument :
BNA_G
ClientSampleId :
PB83480BL

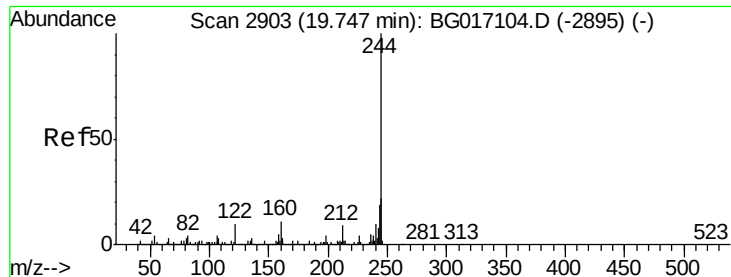
Tgt Ion:188 Resp: 277091
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 9.3 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017201.D
Acq: 19 May 2015 16:56

Tgt Ion:240 Resp: 303749
Ion Ratio Lower Upper
240 100
120 10.7 6.0 9.0#
236 25.1 20.5 30.7





#78

Terphenyl-d14

Concen: 69.32 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG017201.D

Acq: 19 May 2015 16:56

Instrument :

BNA_G

ClientSampleId :

PB83480BL

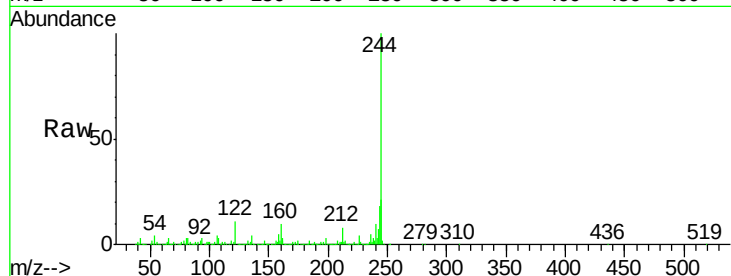
Tgt Ion:244 Resp: 1010399

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

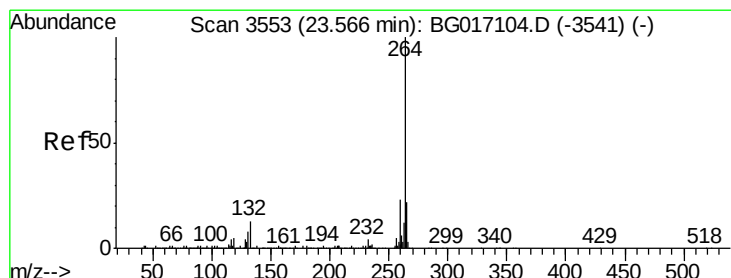
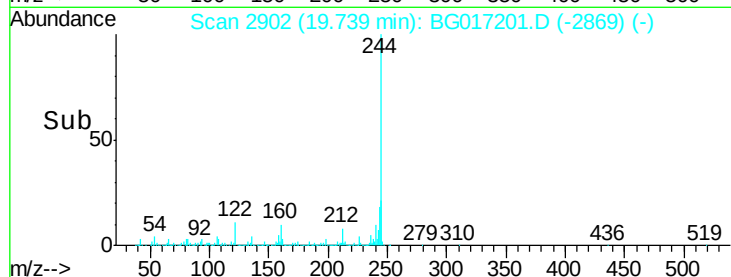
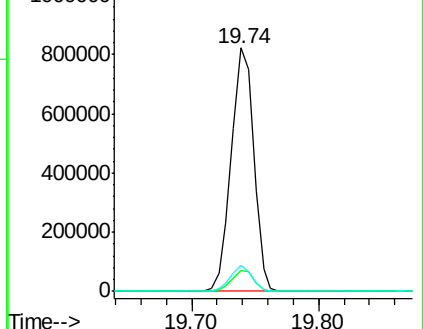
122 10.8 8.4 12.6



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: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG017201.D

Acq: 19 May 2015 16:56

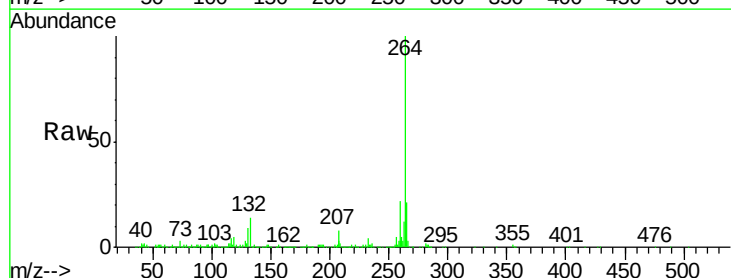
Tgt Ion:264 Resp: 305577

Ion Ratio Lower Upper

264 100

260 21.9 18.0 27.0

265 21.4 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

