

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
 Data File : BG017238.D
 Acq On : 21 May 2015 7:13
 Operator : TP/IZ
 Sample : G2301-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW6

Quant Time: May 21 08:00:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	39643	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	173807	20.00	ng	-0.02
38) Acenaphthene-d10	14.35	164	112231	20.00	ng	-0.01
63) Phenanthrene-d10	17.10	188	267330	20.00	ng	-0.02
75) Chrysene-d12	21.28	240	290994	20.00	ng	-0.01
86) Perylene-d12	23.55	264	293593	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	129884	58.13	ng	-0.02
7) Phenol-d6	6.89	99	105836	33.75	ng	-0.02
23) Nitrobenzene-d5	8.85	82	308171	82.78	ng	-0.02
41) 2,4,6-Tribromophenol	15.85	330	177996	131.20	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	628384	82.16	ng	-0.01
78) Terphenyl-d14	19.73	244	1094349	78.37	ng	-0.01

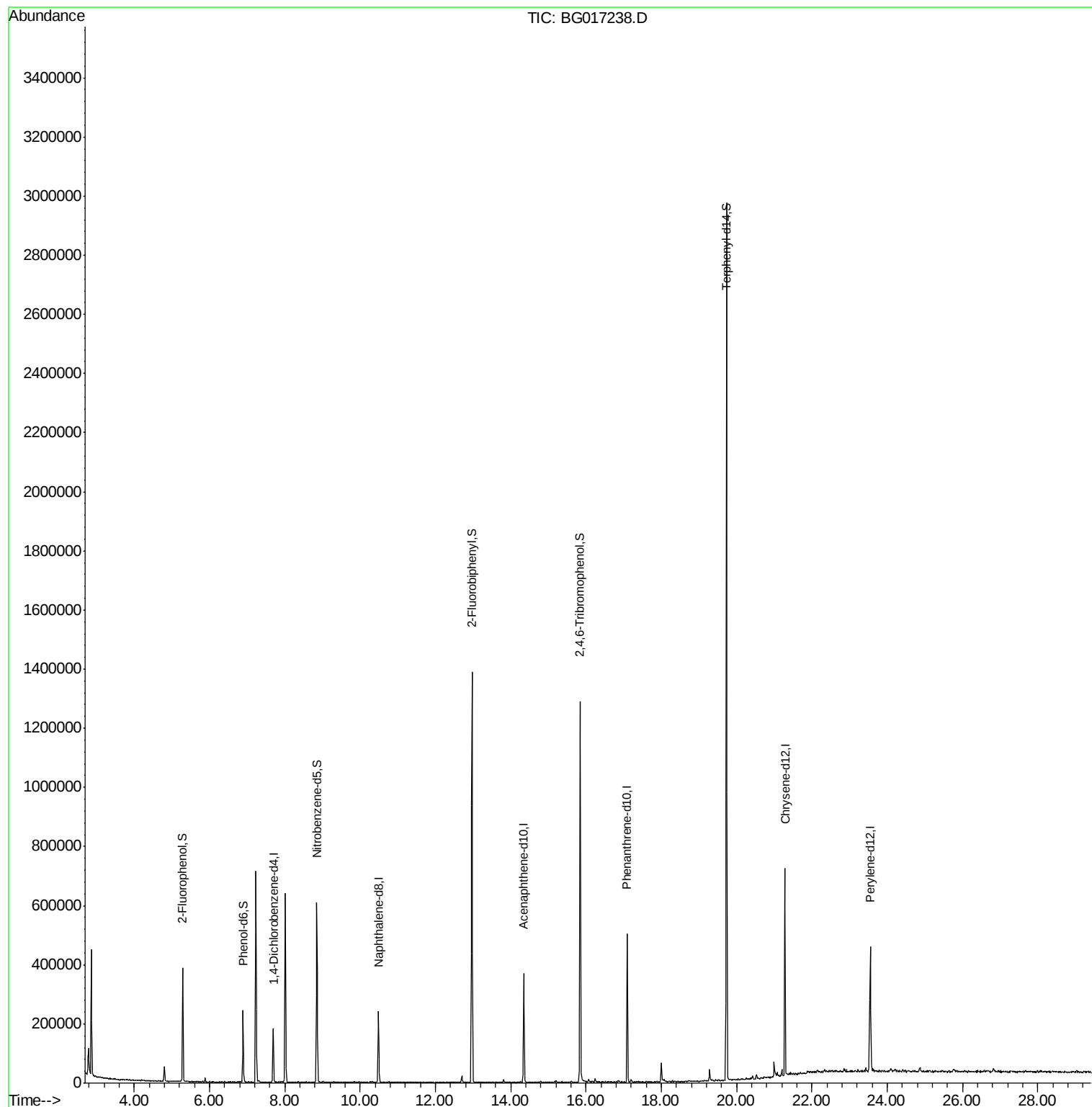
Target Compounds	Qvalue
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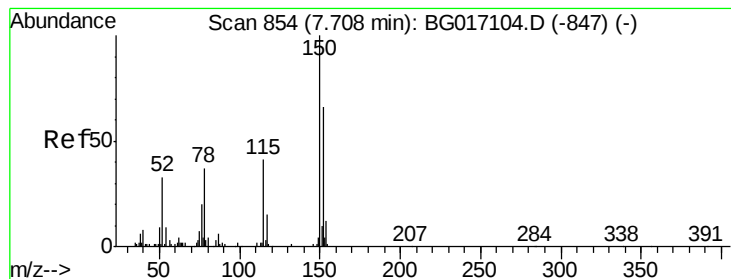
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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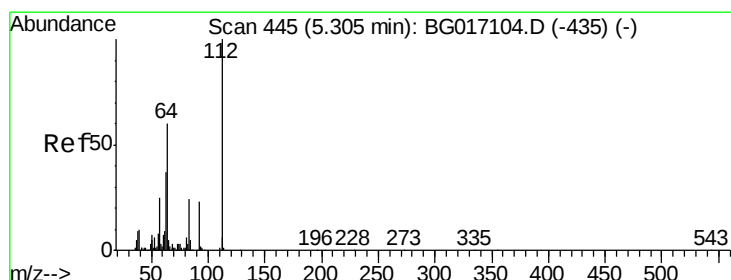
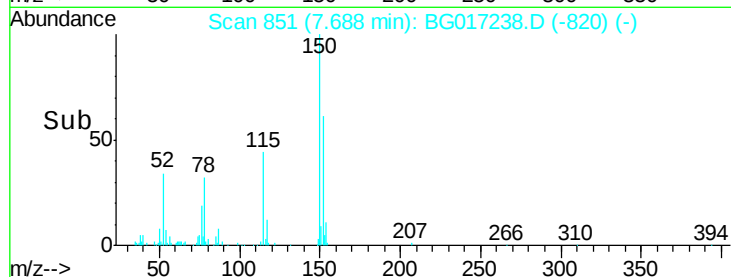
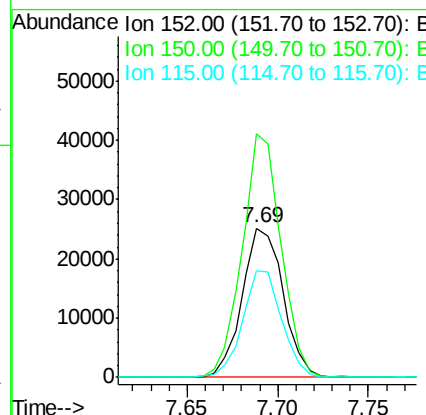
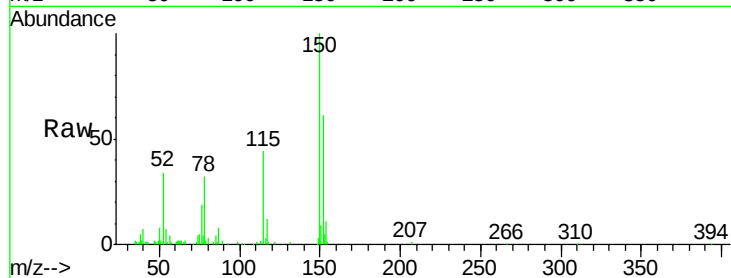




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BG017238.D
 Acq: 21 May 2015 7:13

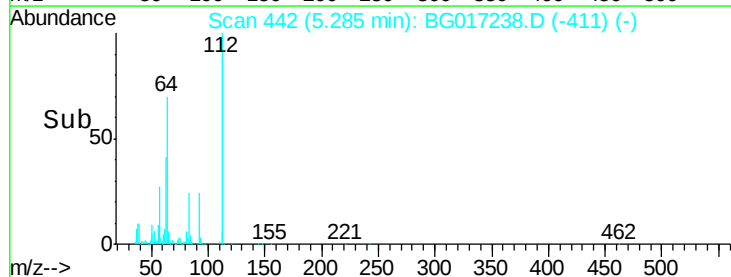
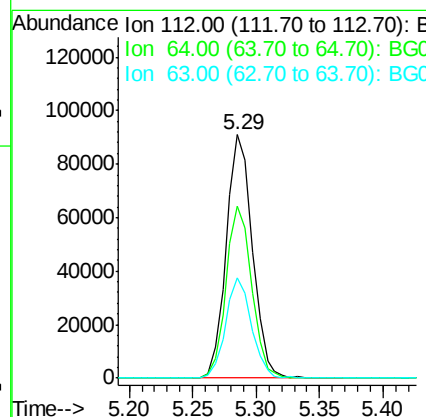
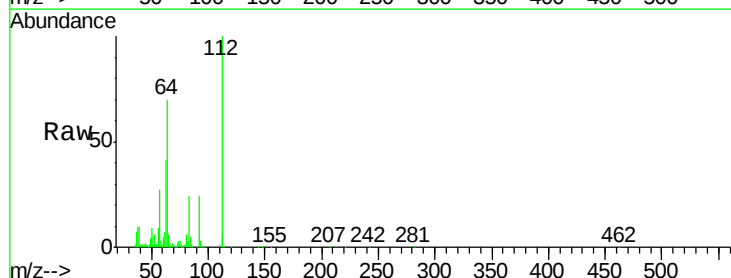
Instrument :
 BNA_G
 ClientSampleId :
 MW6

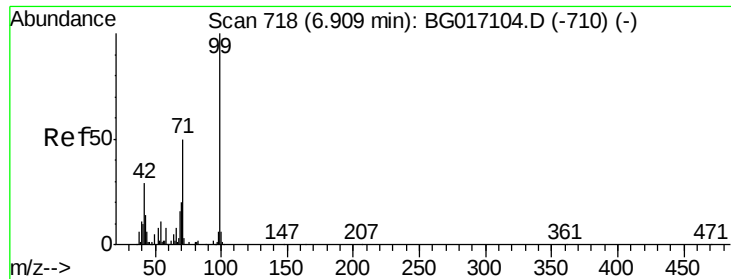
Tgt Ion:152 Resp: 39643
 Ion Ratio Lower Upper
 152 100
 150 162.9 120.8 181.2
 115 71.8 49.4 74.2



#5
 2-Fluorophenol
 Concen: 58.13 ng
 RT: 5.29 min Scan# 442
 Delta R.T. -0.02 min
 Lab File: BG017238.D
 Acq: 21 May 2015 7:13

Tgt Ion:112 Resp: 129884
 Ion Ratio Lower Upper
 112 100
 64 70.4 48.1 72.1
 63 41.4 29.8 44.8





#7

Phenol-d6

Concen: 33.75 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG017238.D

Acq: 21 May 2015 7:13

Instrument :

BNA_G

ClientSampleId :

MW6

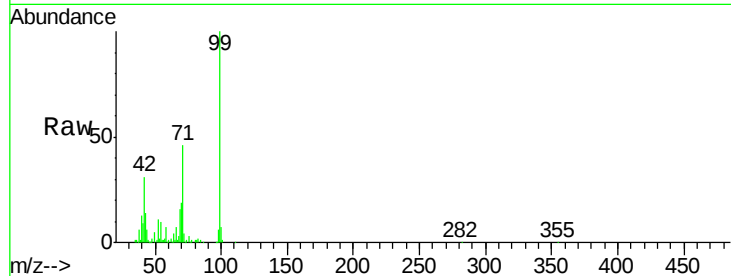
Tgt Ion: 99 Resp: 105836

Ion Ratio Lower Upper

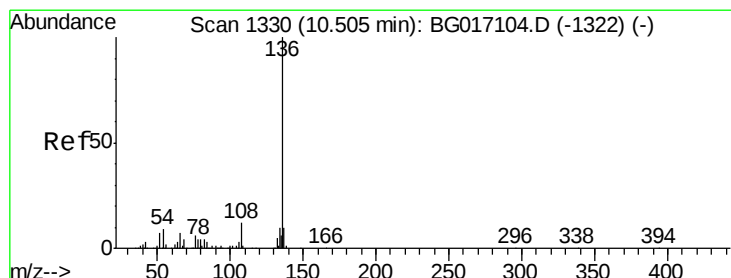
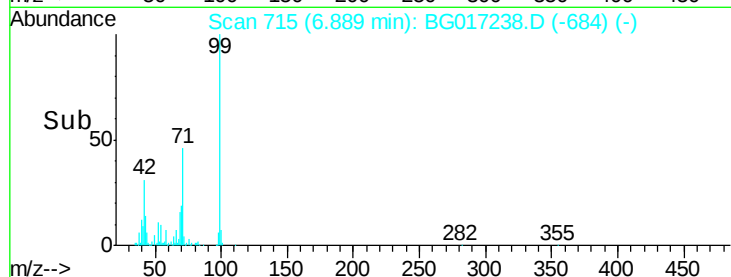
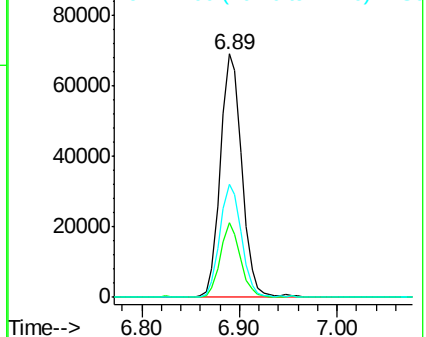
99 100

42 30.6 23.5 35.3

71 46.4 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# 1327

Delta R.T. -0.02 min

Lab File: BG017238.D

Acq: 21 May 2015 7:13

Tgt Ion: 136 Resp: 173807

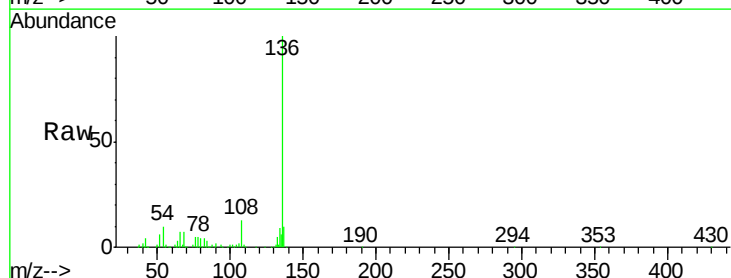
Ion Ratio Lower Upper

136 100

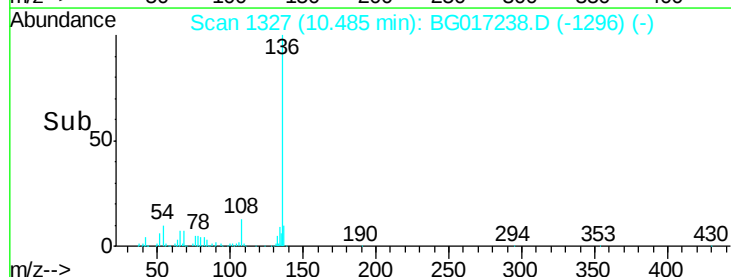
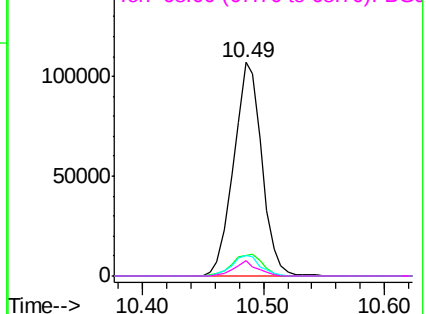
137 9.7 8.3 12.5

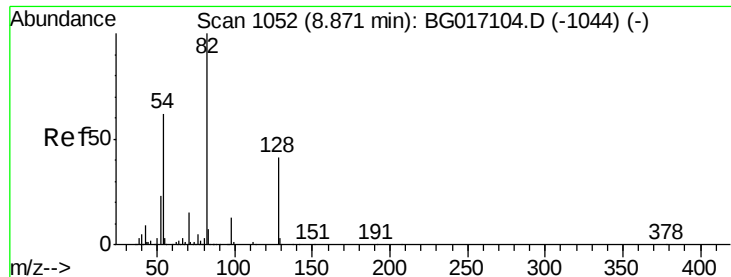
54 9.7 7.4 11.2

68 7.0 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

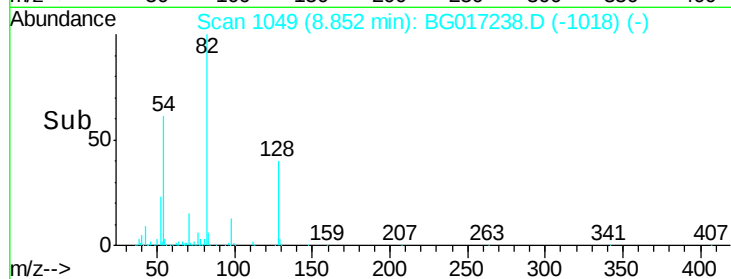
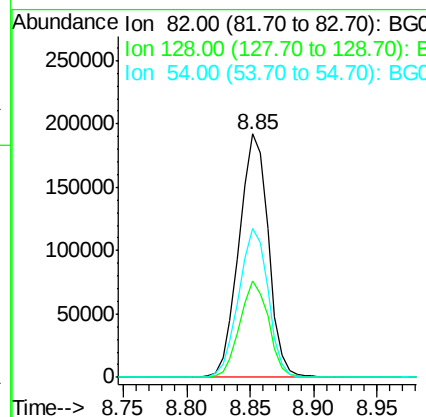
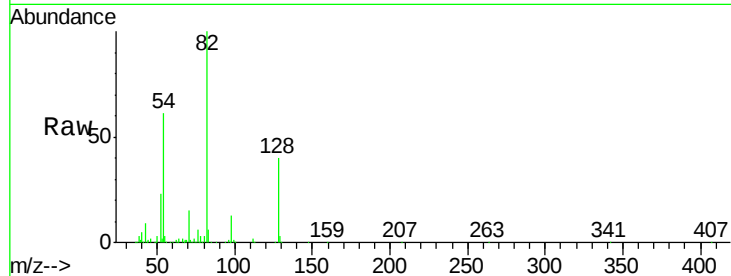




#23
 Nitrobenzene-d5
 Concen: 82.78 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BG017238.D
 Acq: 21 May 2015 7:13

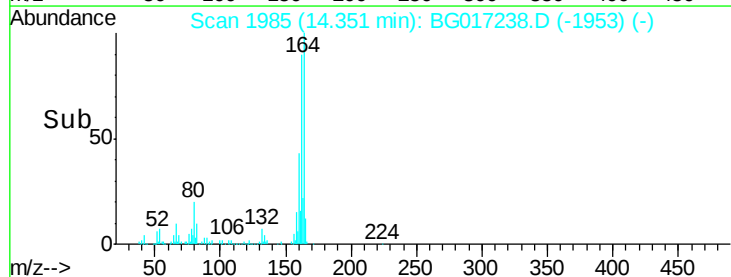
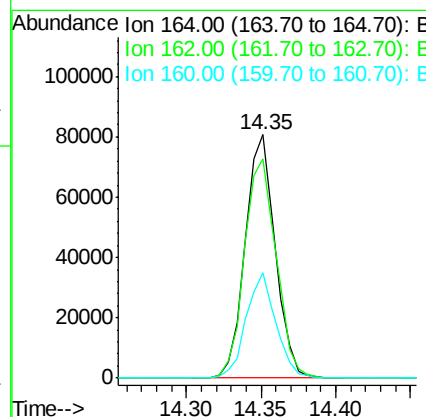
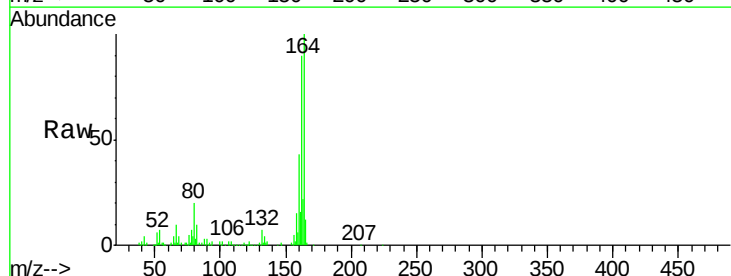
Instrument :
 BNA_G
 ClientSampleId :
 MW6

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.6	49.0
54	61.2	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: BG017238.D
 Acq: 21 May 2015 7:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	90.3	82.1	123.1
160	43.1	34.8	52.2

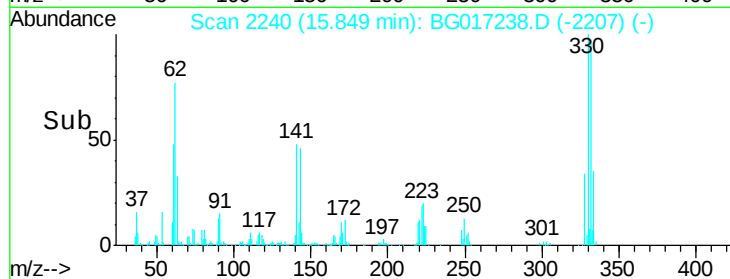
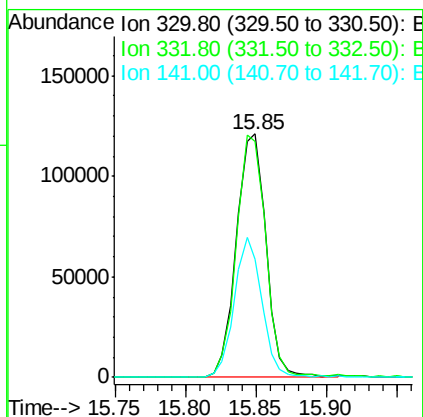
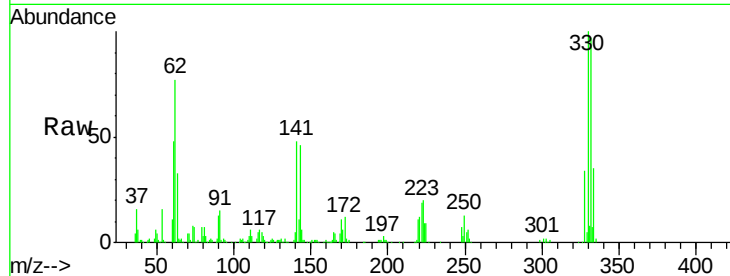




#41
 2,4,6-Tribromophenol
 Concen: 131.20 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BG017238.D
 Acq: 21 May 2015 7:13

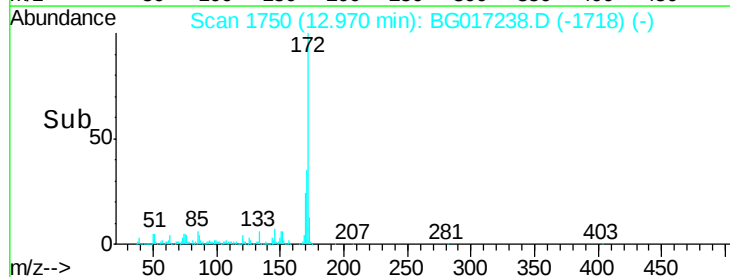
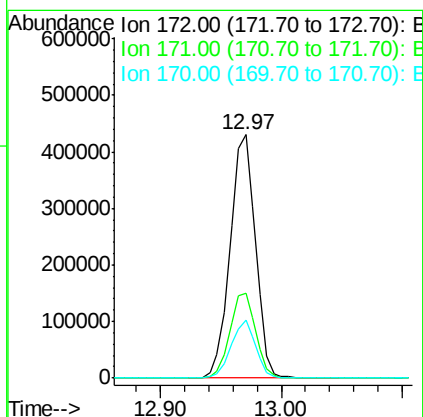
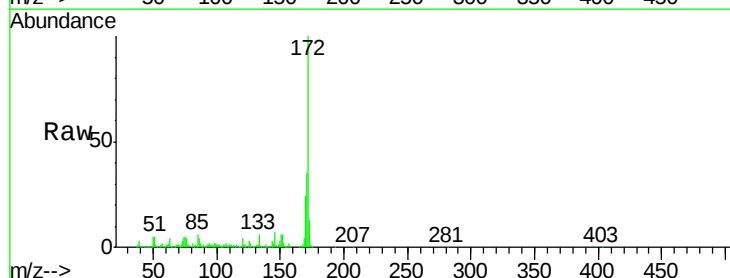
Instrument :
 BNA_G
 ClientSampleId :
 MW6

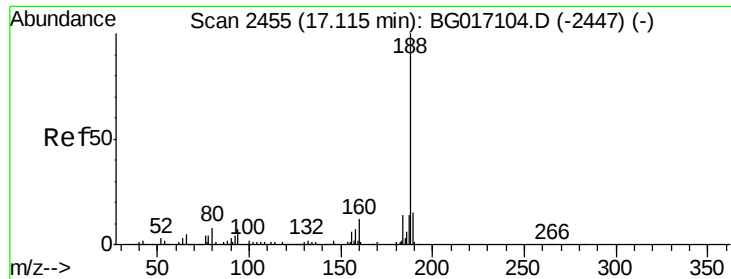
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.9	115.3
141	53.8	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 82.16 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG017238.D
 Acq: 21 May 2015 7:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.6	18.4	27.6

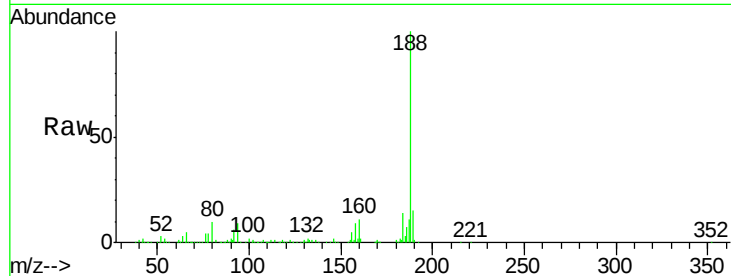




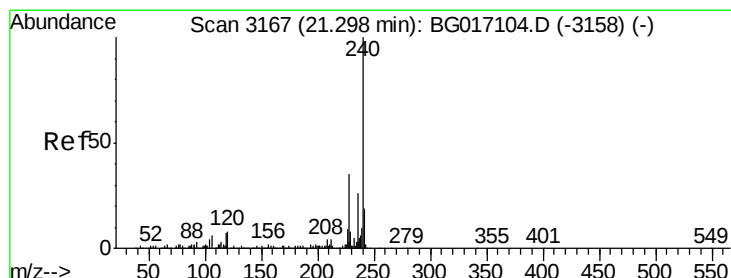
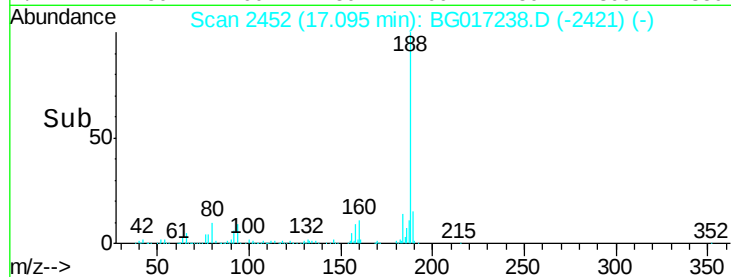
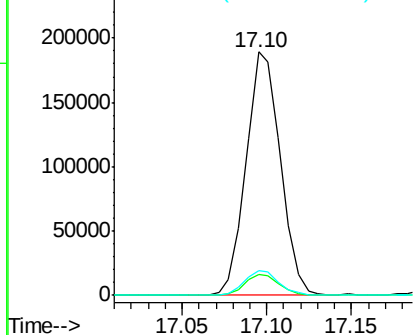
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2452
Delta R.T. -0.02 min
Lab File: BG017238.D
Acq: 21 May 2015 7:13

Instrument :
BNA_G
ClientSampleId :
MW6

Tgt Ion:188 Resp: 267330
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.6#
80 10.1 6.5 9.7#

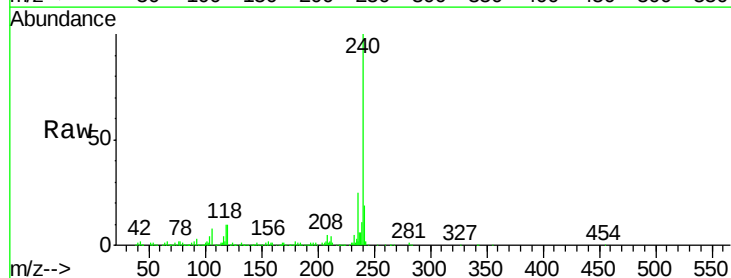


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

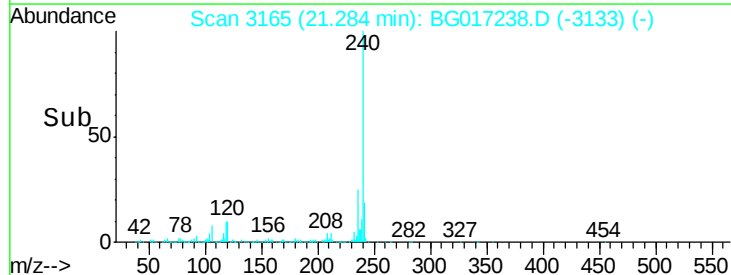
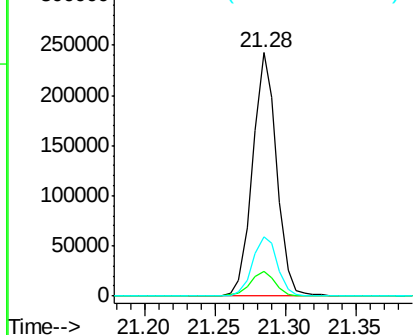


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG017238.D
Acq: 21 May 2015 7:13

Tgt Ion:240 Resp: 290994
Ion Ratio Lower Upper
240 100
120 10.1 6.0 9.0#
236 24.6 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

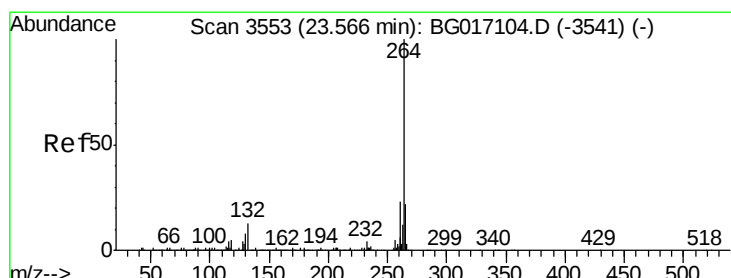
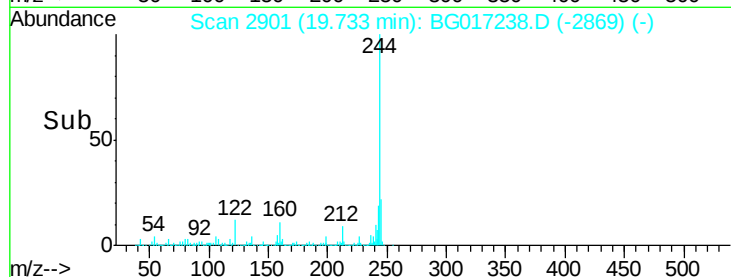
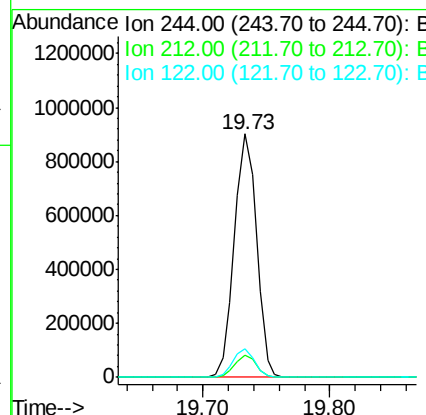
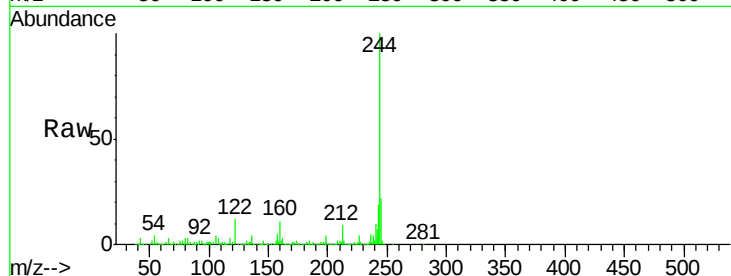




#78
 Terphenyl-d14
 Concen: 78.37 ng
 RT: 19.73 min Scan# 2901
 Delta R.T. -0.01 min
 Lab File: BG017238.D
 Acq: 21 May 2015 7:13

Instrument :
 BNA_G
 ClientSampleId :
 MW6

Tgt Ion:244 Resp: 1094349
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.4
 122 11.8 8.4 12.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.55 min Scan# 3551
 Delta R.T. -0.01 min
 Lab File: BG017238.D
 Acq: 21 May 2015 7:13

Tgt Ion:264 Resp: 293593
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.0 27.0
 265 19.3 17.4 26.0

