

Data Path : Z:\HPCHEM1\BNA G\Data\BG052015\New Folder\
 Data File : BG017225.D
 Acq On : 20 May 2015 21:14
 Operator : TP/IZ
 Sample : G2299-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2015.05.17

Quant Time: May 21 09:13:38 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

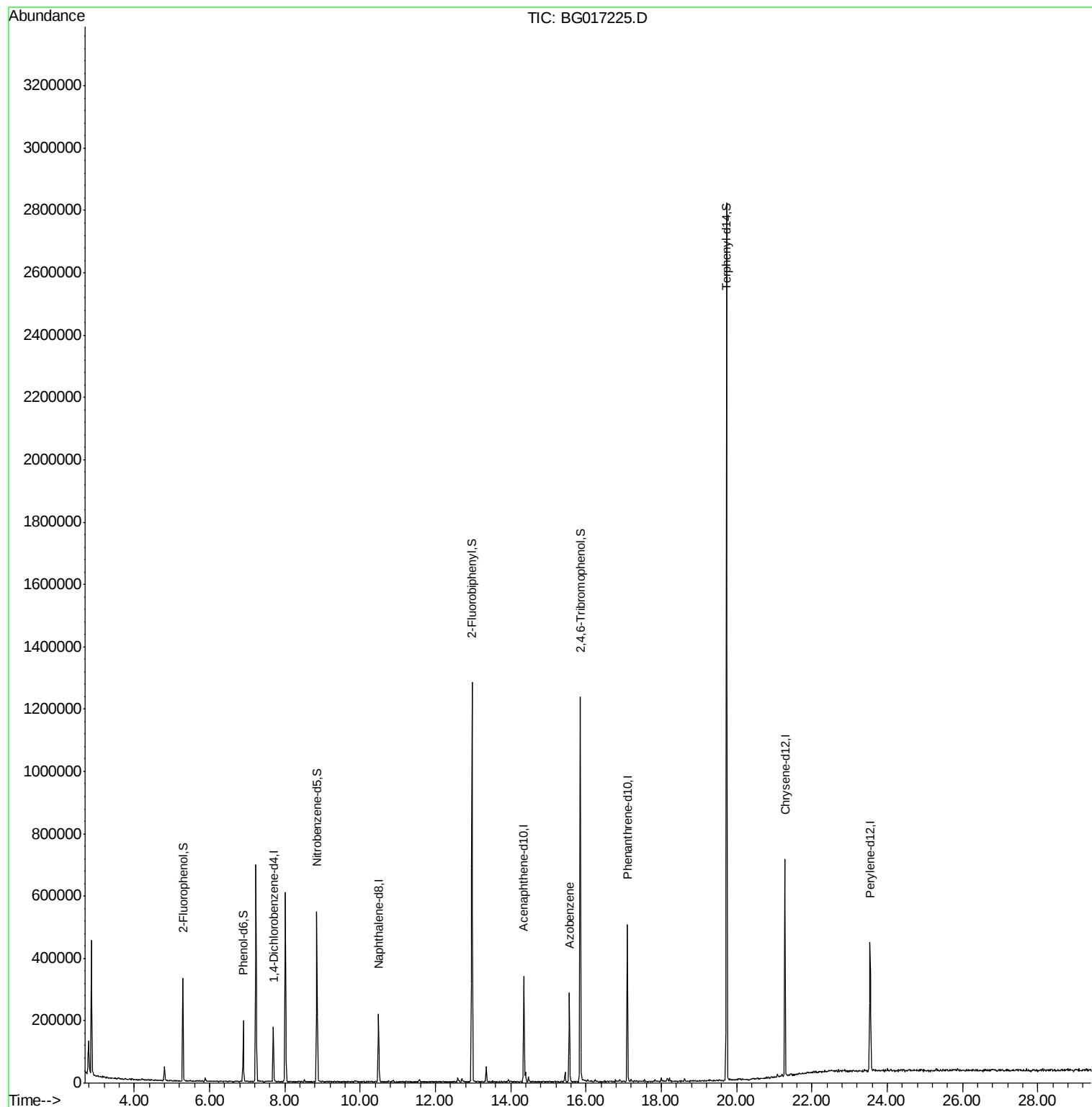
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	38044	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	160907	20.00	ng	-0.02
38) Acenaphthene-d10	14.35	164	105394	20.00	ng	-0.02
63) Phenanthrene-d10	17.10	188	257572	20.00	ng	-0.02
75) Chrysene-d12	21.28	240	293140	20.00	ng	-0.02
86) Perylene-d12	23.55	264	287289	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	113994	53.16	ng	-0.02
7) Phenol-d6	6.89	99	85938	28.56	ng	-0.02
23) Nitrobenzene-d5	8.85	82	281959	81.81	ng	-0.02
41) 2,4,6-Tribromophenol	15.85	330	179407	140.82	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	576548	80.27	ng	-0.02
78) Terphenyl-d14	19.74	244	1091814	77.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.91	77	279	Below Cal	#	6
62) Azobenzene	15.56	77	25148	2.97 ng	#	1

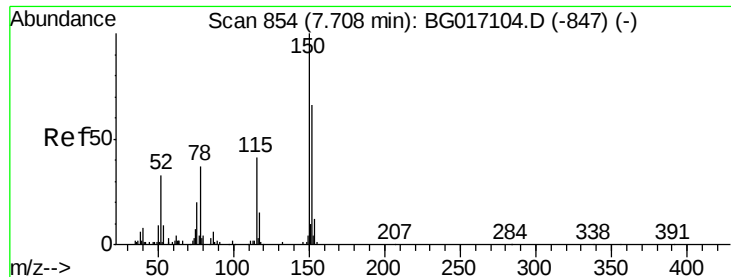
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG017225.D

Acq: 20 May 2015 21:14

Instrument :

BNA_G

ClientSampleId :

EB-2015.05.17

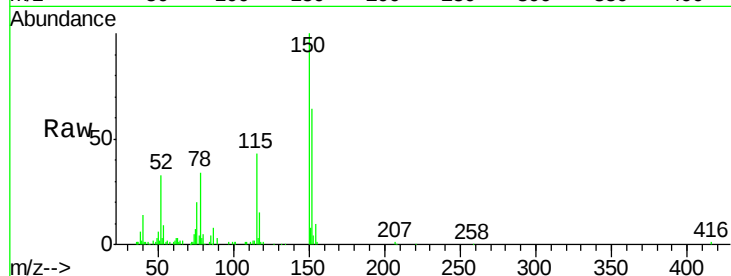
Tot Ion:152 Resp: 38044

Ion Ratio Lower Upper

152 100

150 156.8 120.8 181.2

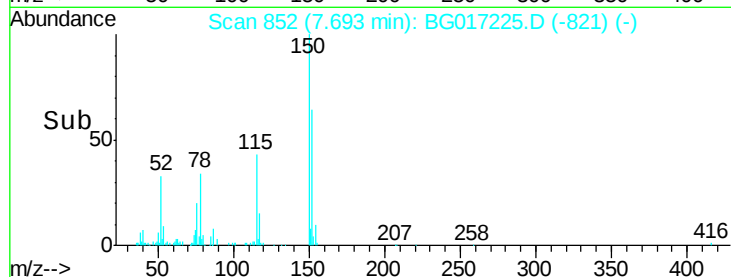
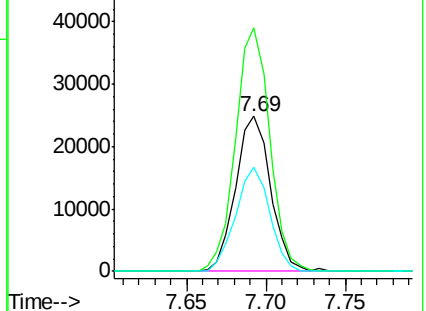
115 66.8 49.4 74.2



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: 53.16 ng

RT: 5.29 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG017225.D

Acq: 20 May 2015 21:14

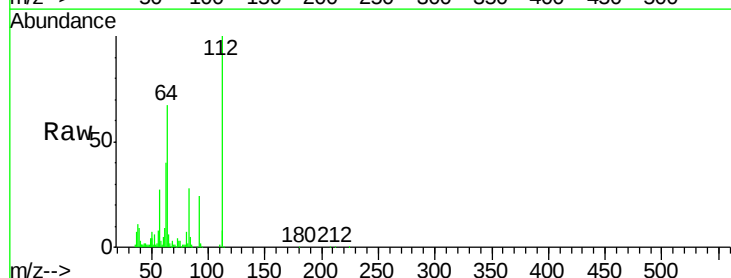
Tgt Ion:112 Resp: 113994

Ion Ratio Lower Upper

112 100

64 66.9 48.1 72.1

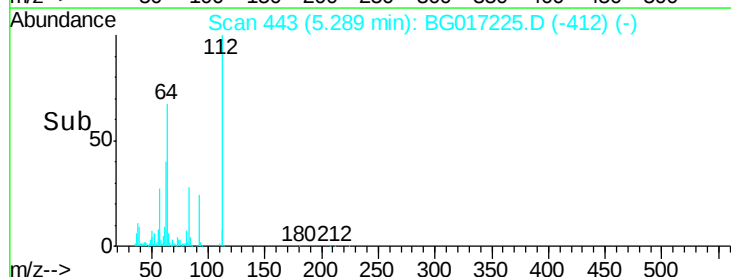
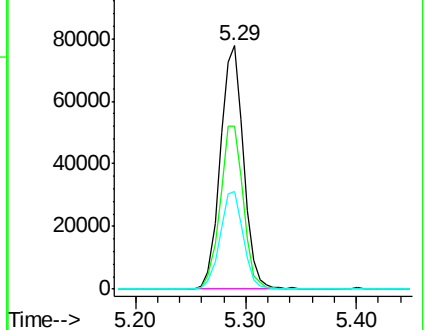
63 40.2 29.8 44.8

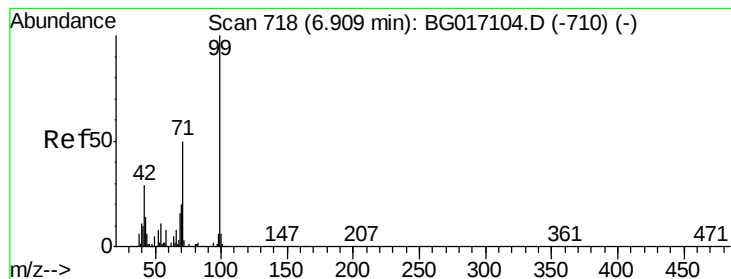


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.56 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG017225.D

Acq: 20 May 2015 21:14

Instrument :

BNA_G

ClientSampleId :

EB-2015.05.17

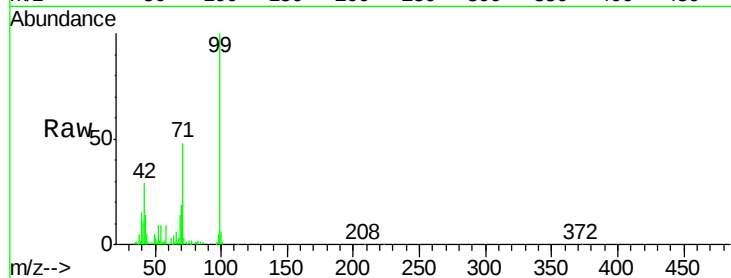
Tot Ion: 99 Resp: 85938

Ion Ratio Lower Upper

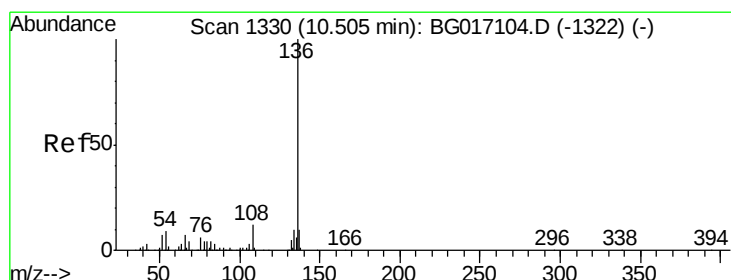
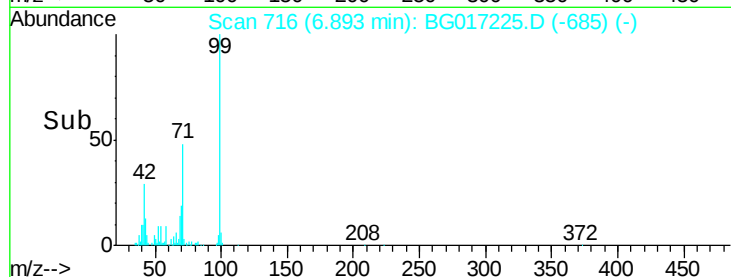
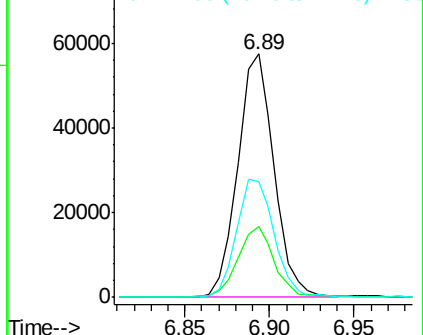
99 100

42 29.1 23.5 35.3

71 47.7 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. -0.02 min

Lab File: BG017225.D

Acq: 20 May 2015 21:14

Tgt Ion: 136 Resp: 160907

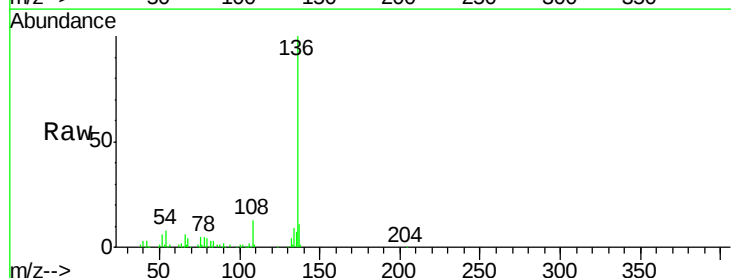
Ion Ratio Lower Upper

136 100

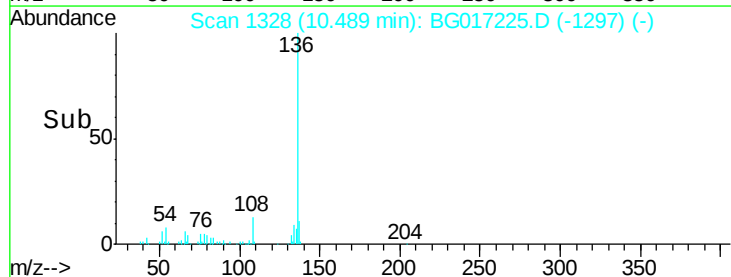
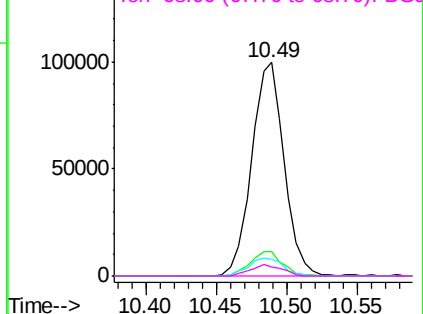
137 11.3 8.3 12.5

54 7.8 7.4 11.2

68 4.1 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

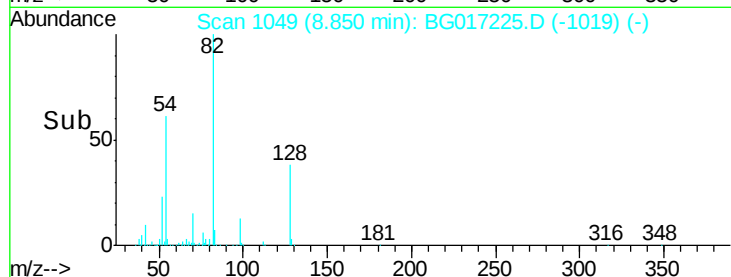
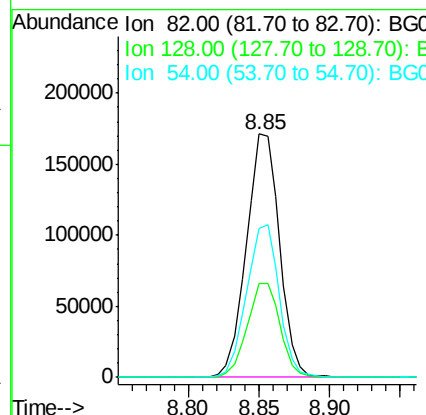
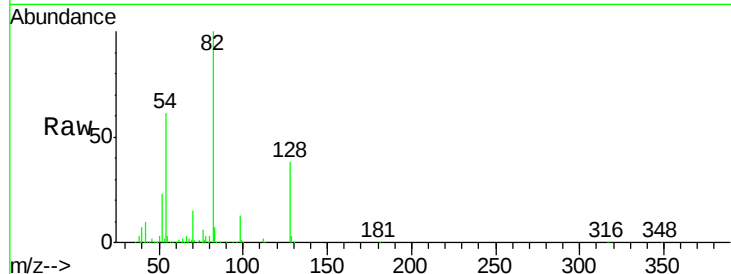




#23
 Nitrobenzene-d5
 Concen: 81.81 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BG017225.D
 Acq: 20 May 2015 21:14

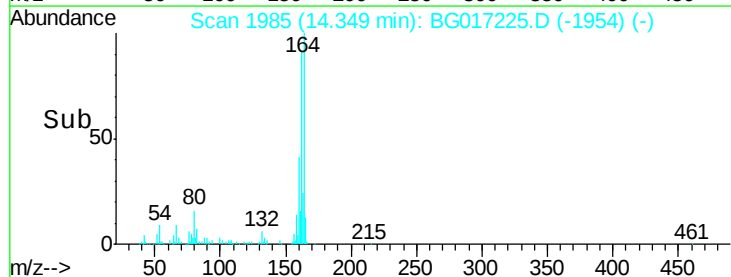
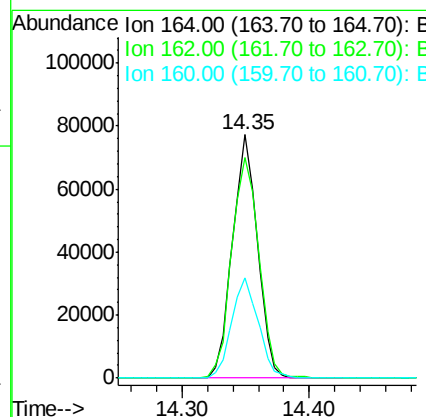
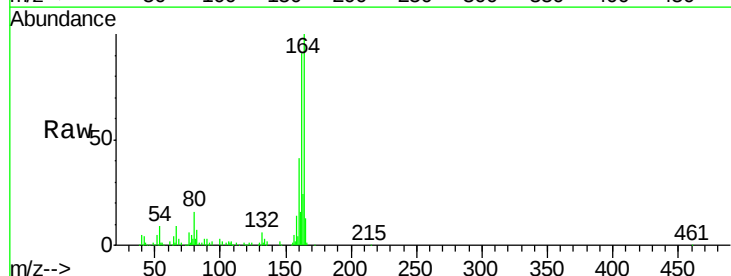
Instrument :
 BNA_G
 ClientSampleId :
 EB-2015.05.17

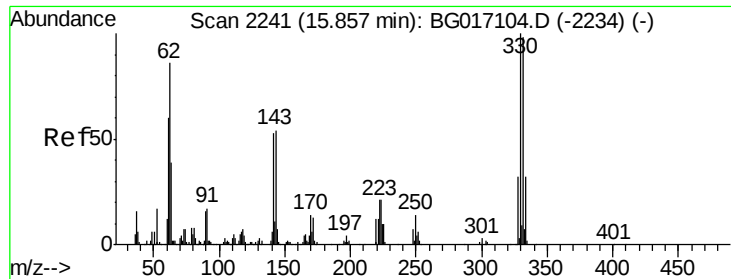
Tot Ion	82	Resp	281959
Ion Ratio	100	Lower	Upper
128	38.3	32.6	49.0
54	61.2	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. -0.02 min
 Lab File: BG017225.D
 Acq: 20 May 2015 21:14

Tgt Ion	164	Resp	105394
Ion Ratio	100	Lower	Upper
162	90.7	82.1	123.1
160	41.0	34.8	52.2

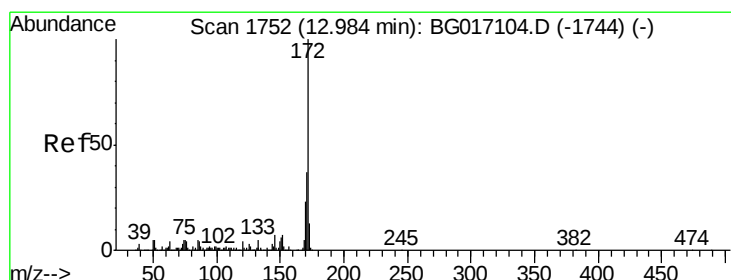
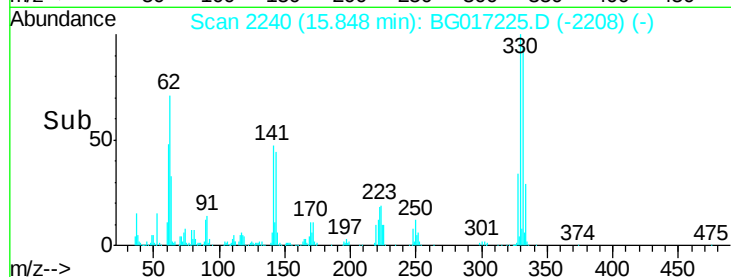
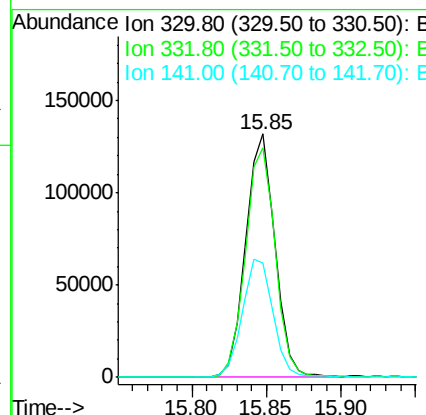
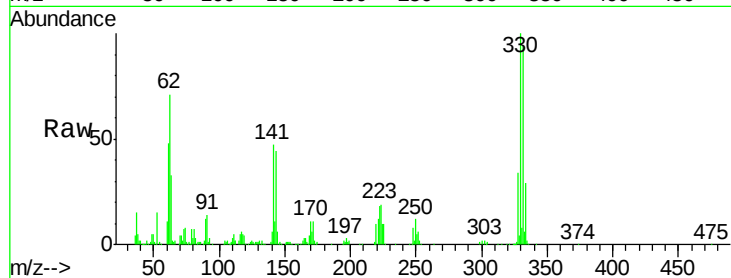




#41
 2,4,6-Tribromophenol
 Concen: 140.82 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BG017225.D
 Acq: 20 May 2015 21:14

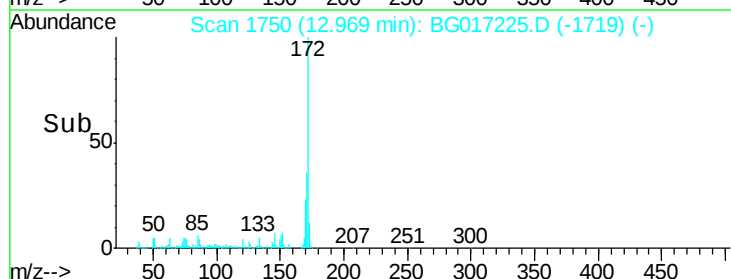
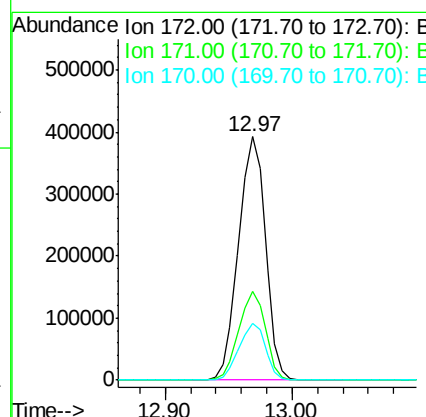
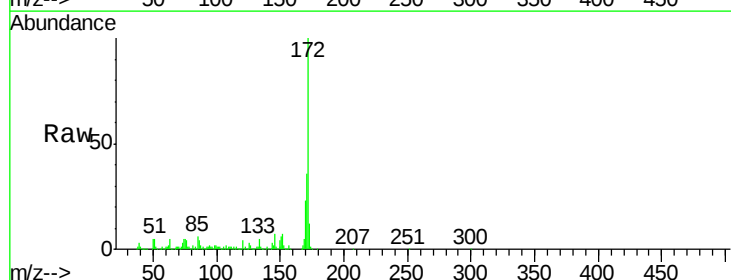
Instrument :
 BNA_G
 ClientSampleId :
 EB-2015.05.17

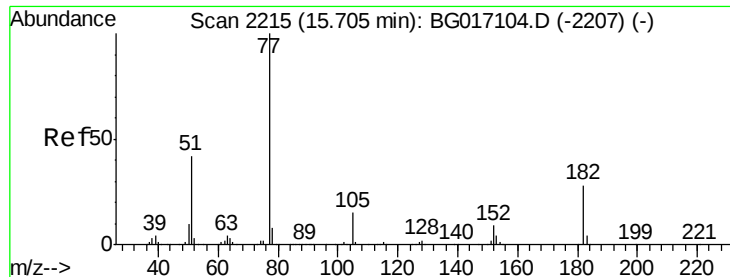
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	51.4	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 80.27 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. -0.02 min
 Lab File: BG017225.D
 Acq: 20 May 2015 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.1	18.4	27.6

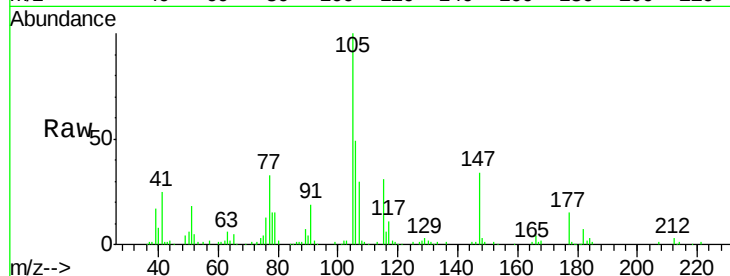




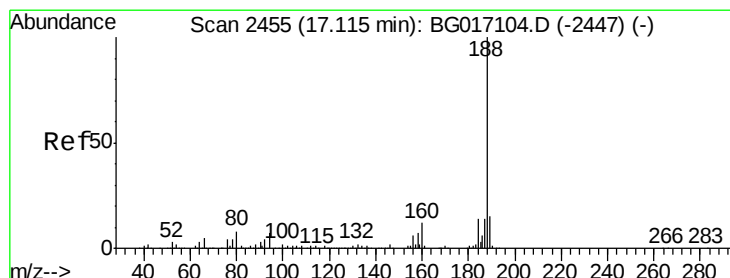
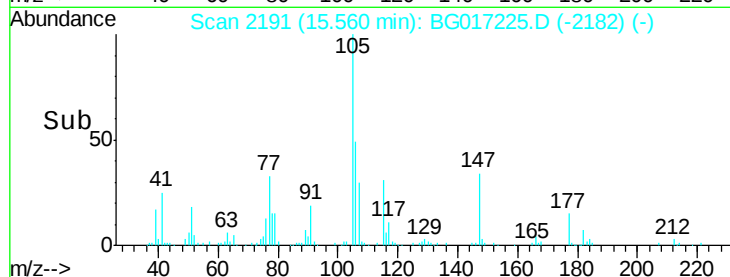
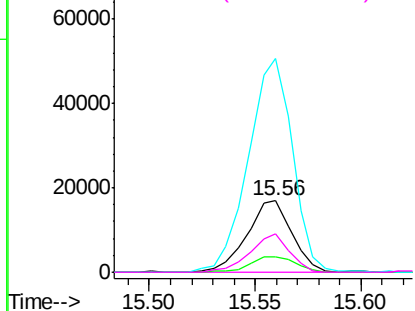
#62
Azobenzene
Concen: 2.97 ng
RT: 15.56 min Scan# 2191
Delta R.T. -0.14 min
Lab File: BG017225.D
Acq: 20 May 2015 21:14

Instrument :
BNA_G
ClientSampleId :
EB-2015.05.17

Tot Ion:	77	Resp:	25148
Ion	Ratio	Lower	Upper
77	100		
182	22.1	8.1	48.1
105	299.1	0.0	34.8#
51	53.8	22.0	62.0

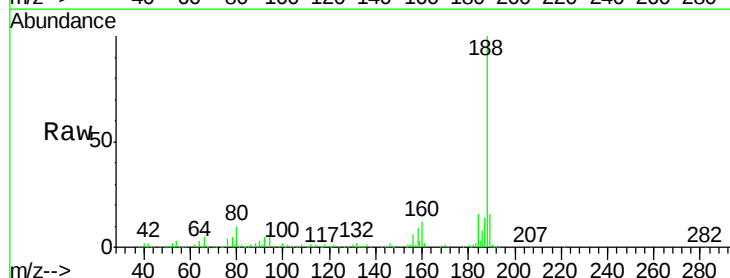


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

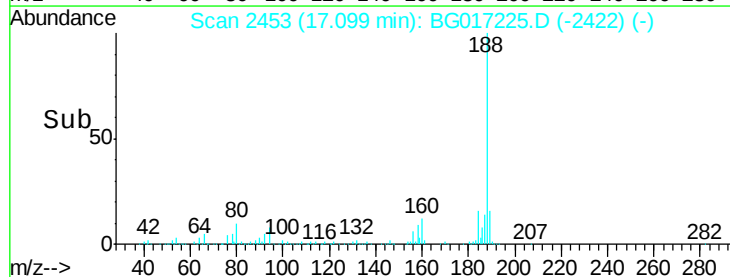
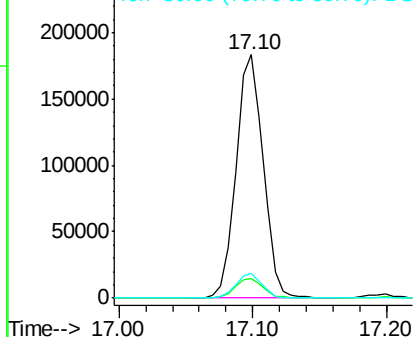


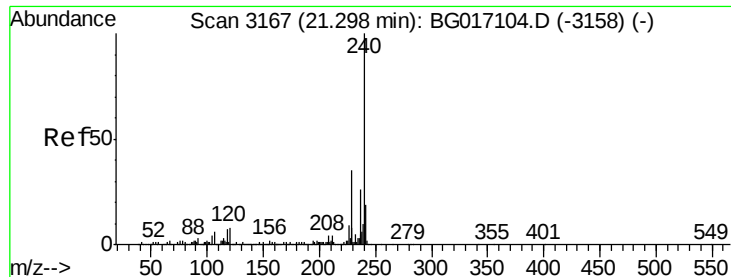
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2453
Delta R.T. -0.02 min
Lab File: BG017225.D
Acq: 20 May 2015 21:14

Tgt Ion:	188	Resp:	257572
Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.8	8.6
80	9.9	6.5	9.7#



Abundance Ion 188.00 (187.70 to 188.70): BGC
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. -0.02 min

Lab File: BG017225.D

Acq: 20 May 2015 21:14

Instrument :

BNA_G

ClientSampleId :

EB-2015.05.17

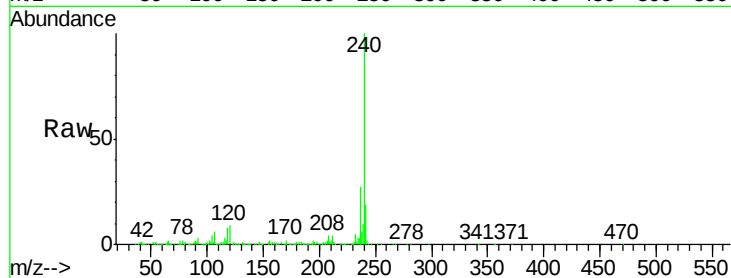
Tot Ion:240 Resp: 293140

Ion Ratio Lower Upper

240 100

120 8.9 6.0 9.0

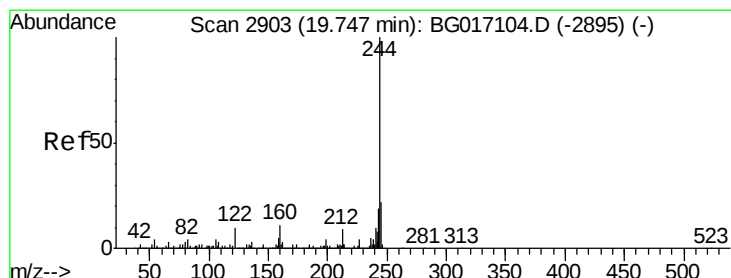
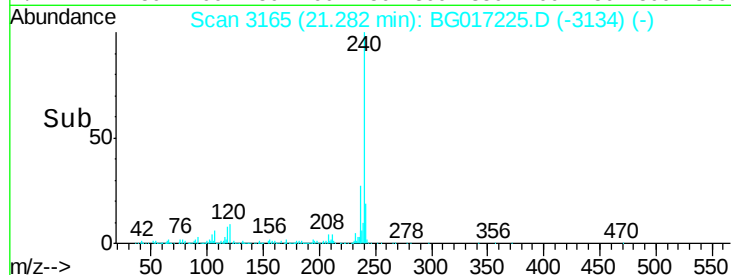
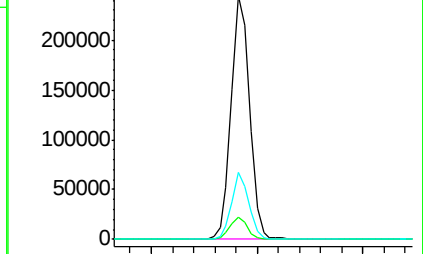
236 27.3 20.5 30.7



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: 77.62 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG017225.D

Acq: 20 May 2015 21:14

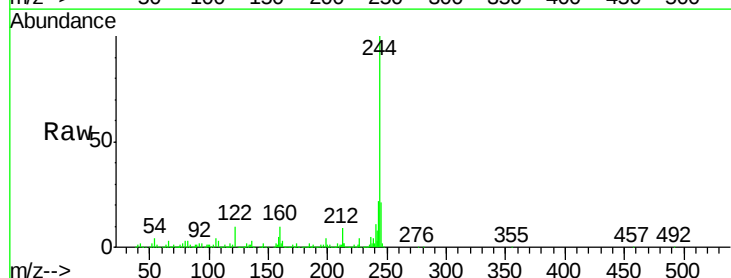
Tgt Ion:244 Resp: 1091814

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

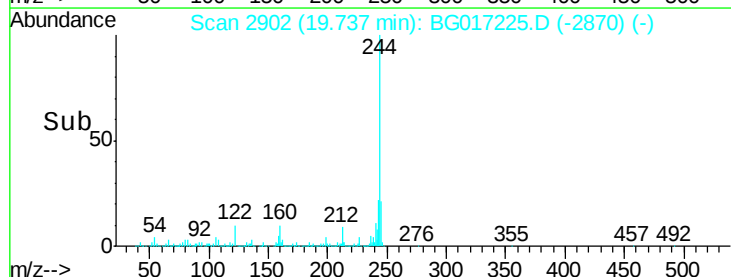
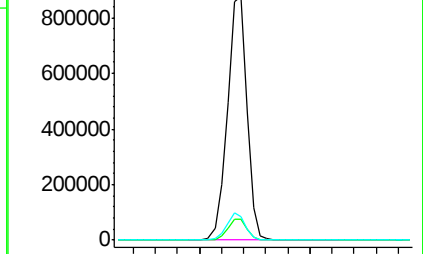
122 9.7 8.4 12.6

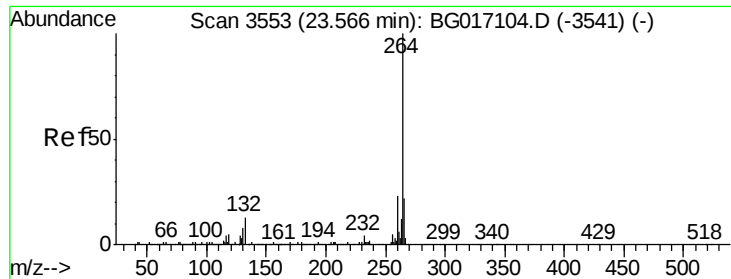


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.55 min Scan# 3551
Delta R.T. -0.02 min
Lab File: BG017225.D
Acq: 20 May 2015 21:14

Instrument :
BNA_G
ClientSampleId :
EB-2015.05.17

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.0	27.0
265	21.1	17.4	26.0

