

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
 Data File : BG017235.D
 Acq On : 21 May 2015 5:29
 Operator : TP/IZ
 Sample : G2273-23
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-05-D1

Quant Time: May 21 06:34:39 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

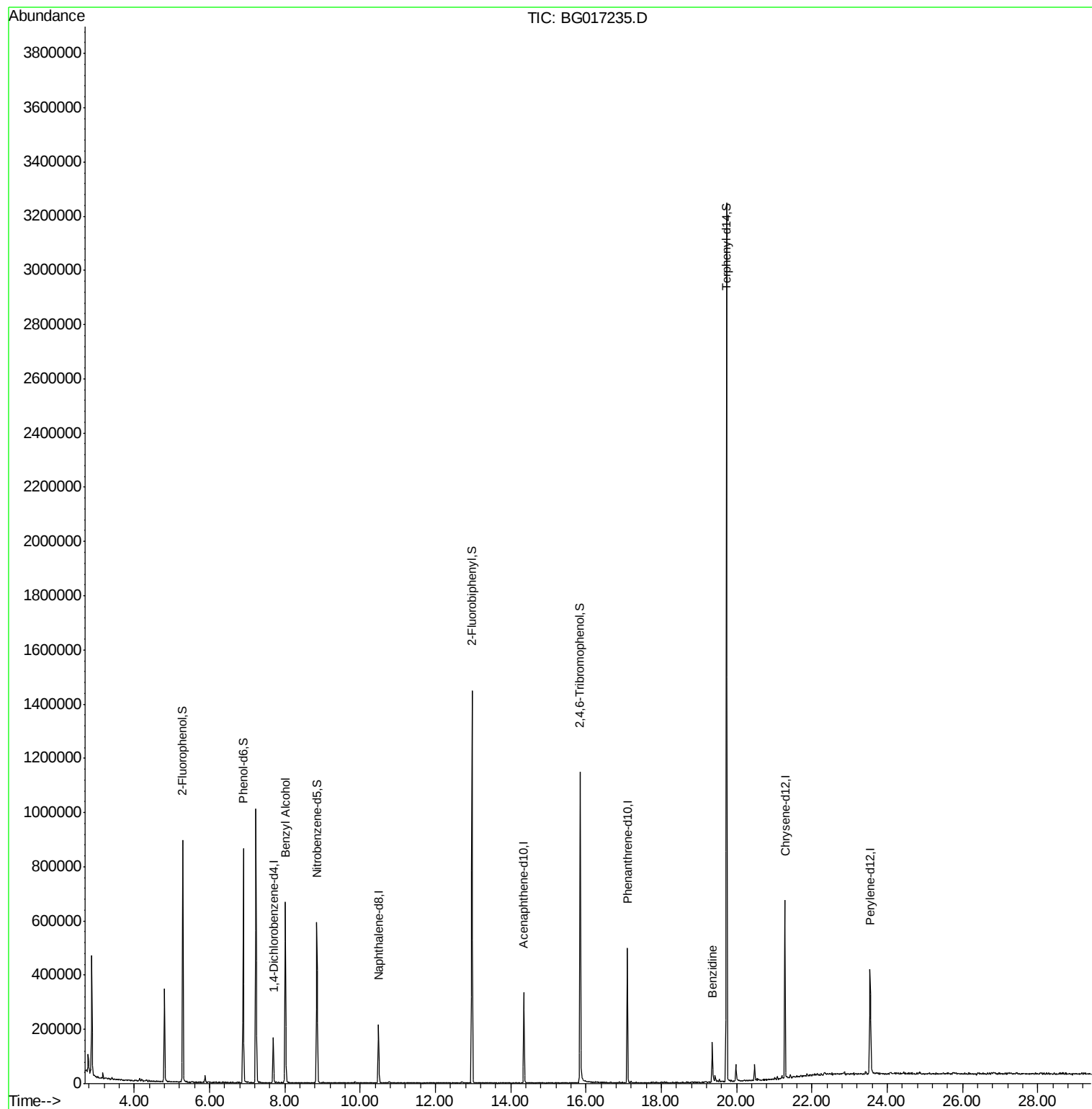
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37425	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	154495	20.00	ng	-0.01
38) Acenaphthene-d10	14.35	164	101899	20.00	ng	-0.01
63) Phenanthrene-d10	17.10	188	248852	20.00	ng	-0.01
75) Chrysene-d12	21.28	240	284035	20.00	ng	-0.01
86) Perylene-d12	23.55	264	279819	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	312229	148.02	ng	-0.01
7) Phenol-d6	6.89	99	377667	127.58	ng	-0.01
23) Nitrobenzene-d5	8.85	82	312028	94.29	ng	-0.02
41) 2,4,6-Tribromophenol	15.85	330	176478	143.27	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	629120	90.59	ng	-0.01
78) Terphenyl-d14	19.74	244	1243107	91.20	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.02	79	6129	2.13	ng	Qvalue # 57
76) Benzidine	19.36	184	88497	9.54	ng	96

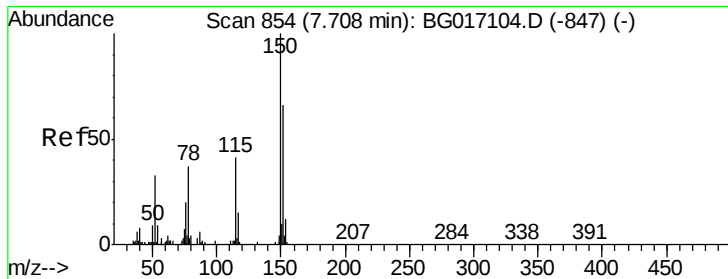
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG017235.D
Acq On : 21 May 2015 5:29
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Sample : G2273-23
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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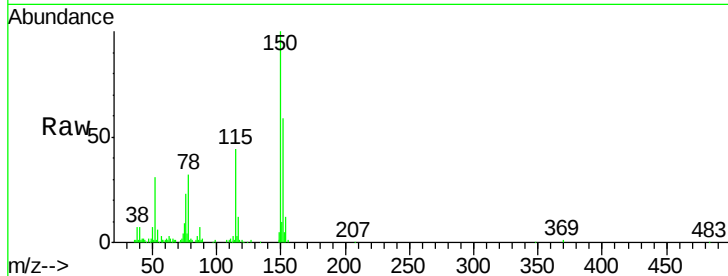


#1

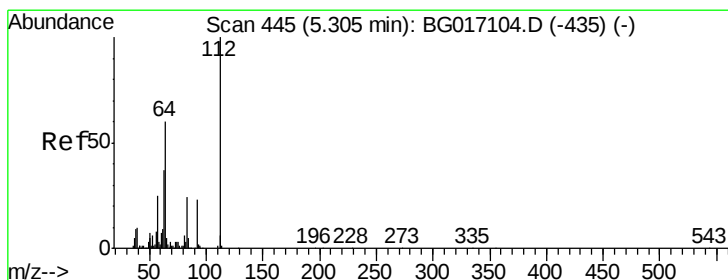
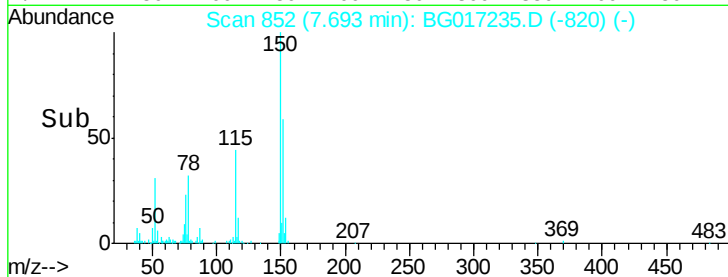
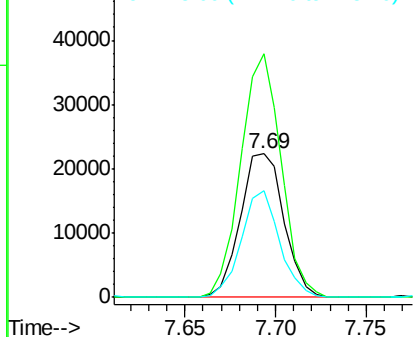
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG017235.D
 Acq: 21 May 2015 5:29

Instrument :
 BNA_G
 ClientSampleId :
 WC-05-D1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	169.4	120.8	181.2
115	74.4	49.4	74.2#



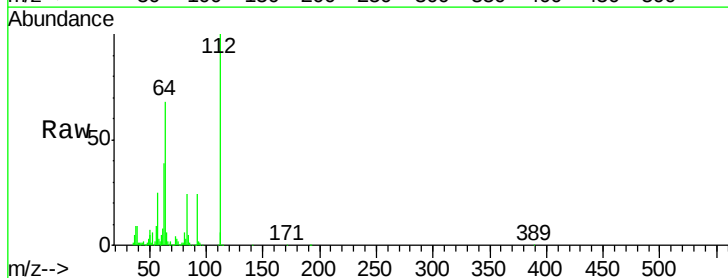
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



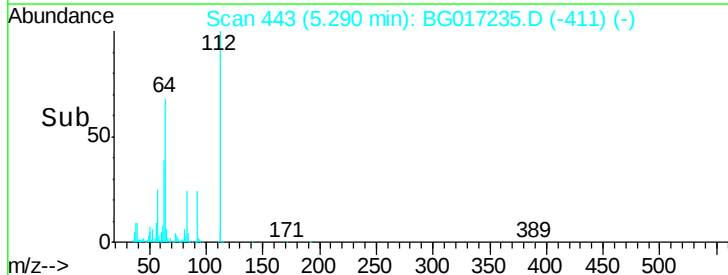
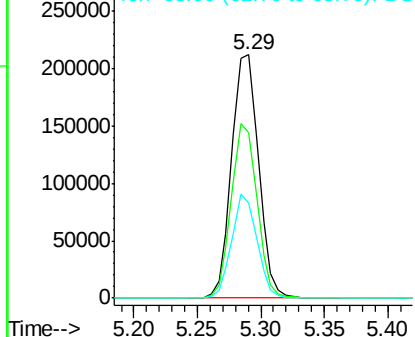
#5

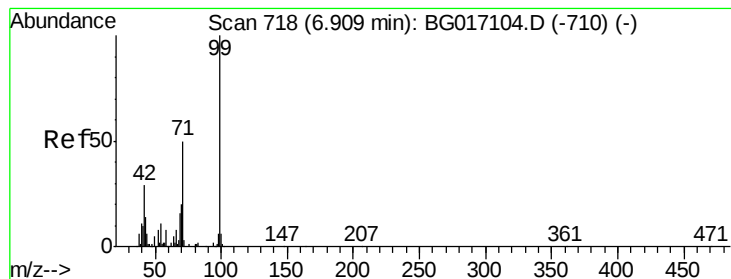
2-Fluorophenol
 Concen: 148.02 ng
 RT: 5.29 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: BG017235.D
 Acq: 21 May 2015 5:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	48.1	72.1
63	39.2	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: 127.58 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG017235.D

Acq: 21 May 2015 5:29

Instrument :

BNA_G

ClientSampleId :

WC-05-D1

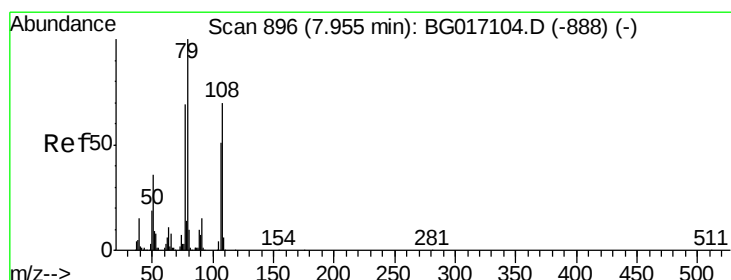
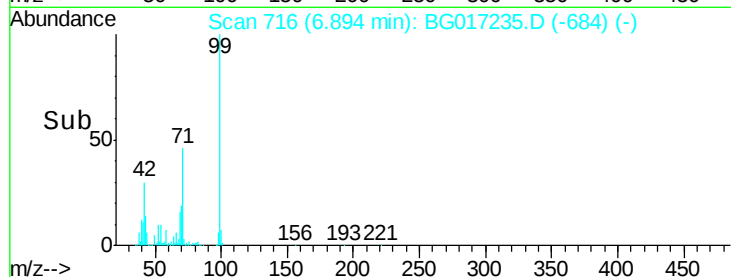
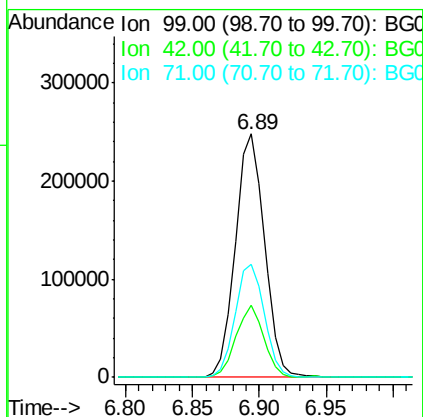
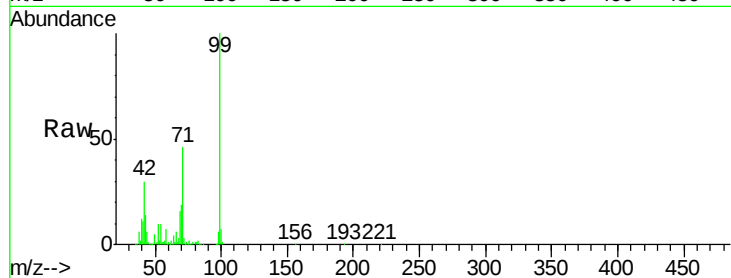
Tgt Ion: 99 Resp: 377667

Ion Ratio Lower Upper

99 100

42 29.6 23.5 35.3

71 46.4 39.8 59.8



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 8.02 min Scan# 907

Delta R.T. 0.06 min

Lab File: BG017235.D

Acq: 21 May 2015 5:29

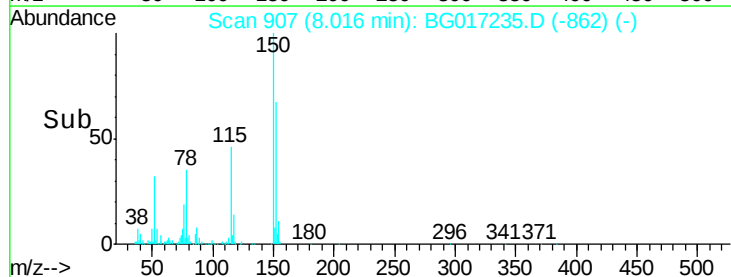
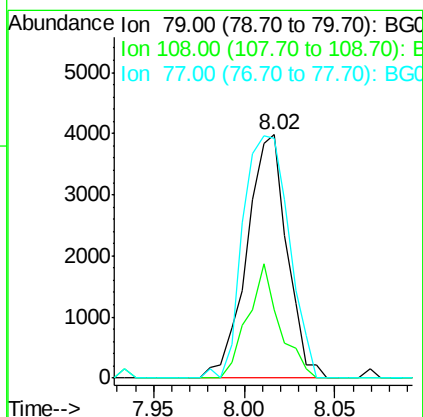
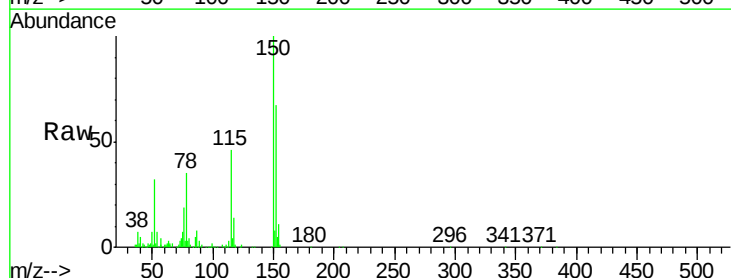
Tgt Ion: 79 Resp: 6129

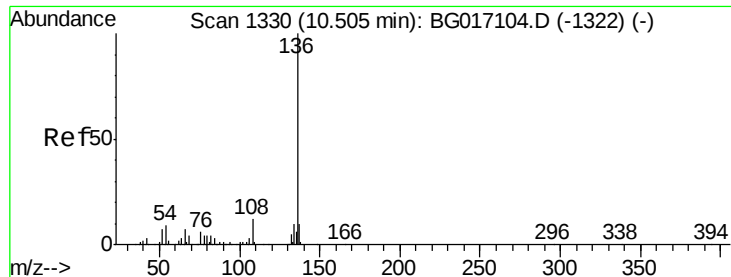
Ion Ratio Lower Upper

79 100

108 28.0 55.8 83.6#

77 98.4 55.4 83.0#

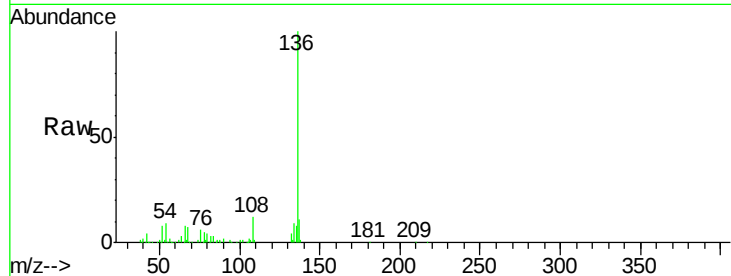




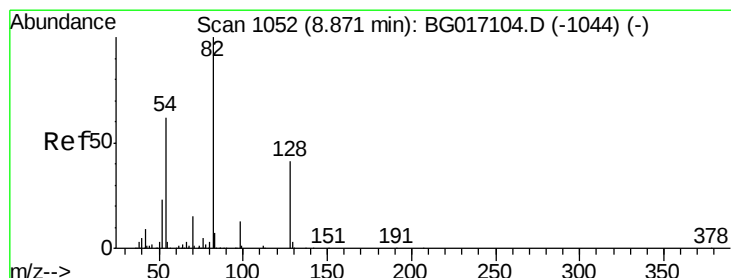
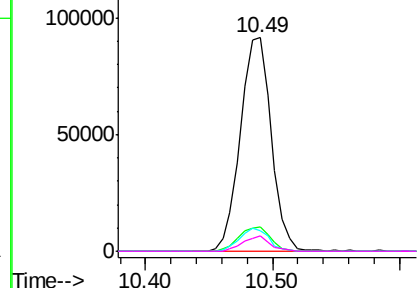
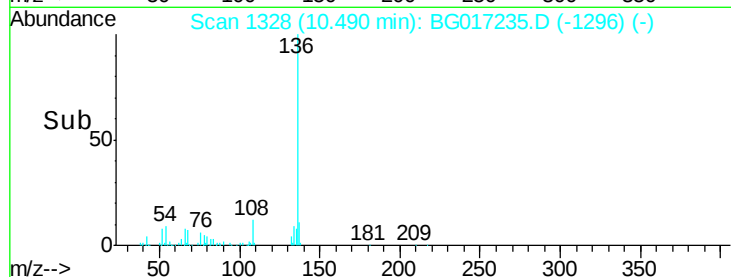
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG017235.D
Acq: 21 May 2015 5:29

Instrument :
BNA_G
ClientSampleId :
WC-05-D1

Tgt Ion:	136	Resp:	154495
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.3	12.5
54	9.3	7.4	11.2
68	7.4	3.6	5.4#

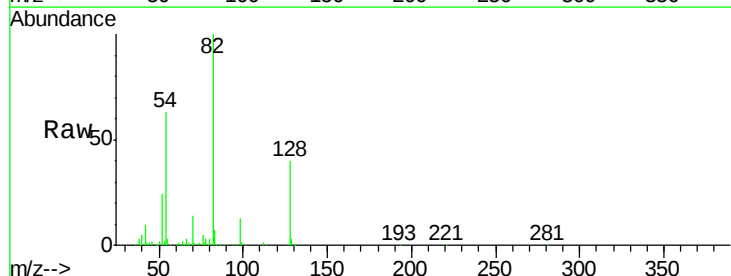


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

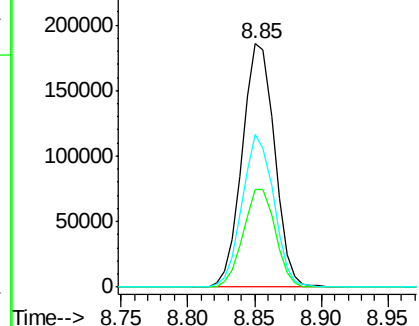
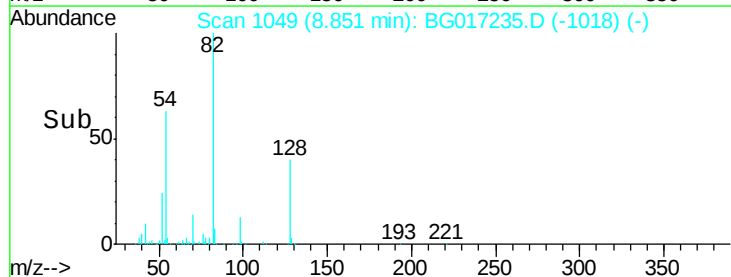


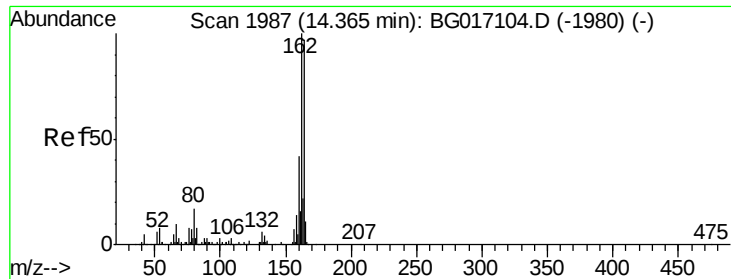
#23
Nitrobenzene-d5
Concen: 94.29 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG017235.D
Acq: 21 May 2015 5:29

Tgt Ion:	82	Resp:	312028
Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.6	49.0
54	62.7	49.6	74.4



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.35 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG017235.D

Acq: 21 May 2015 5:29

Instrument :

BNA_G

ClientSampleId :

WC-05-D1

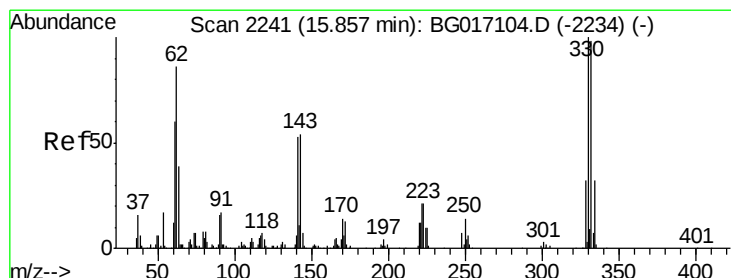
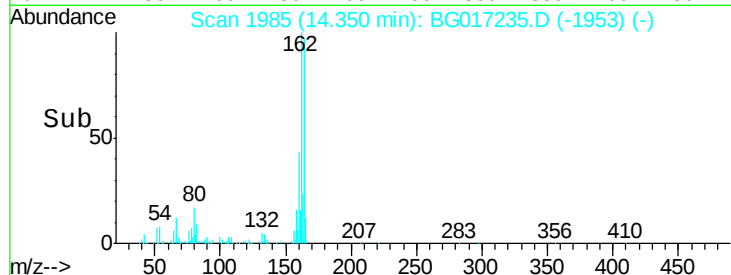
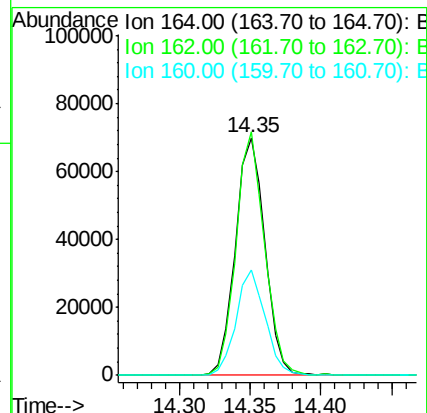
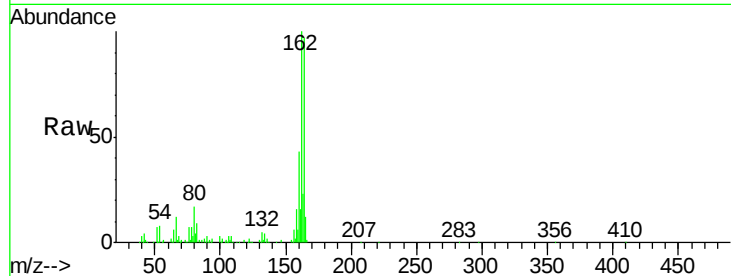
Tgt Ion:164 Resp: 101899

Ion Ratio Lower Upper

164 100

162 102.6 82.1 123.1

160 44.4 34.8 52.2



#41

2,4,6-Tribromophenol

Concen: 143.27 ng

RT: 15.85 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BG017235.D

Acq: 21 May 2015 5:29

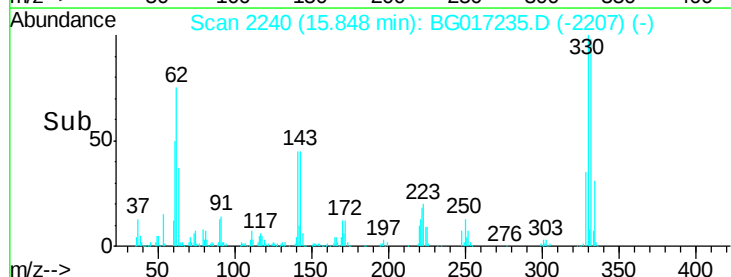
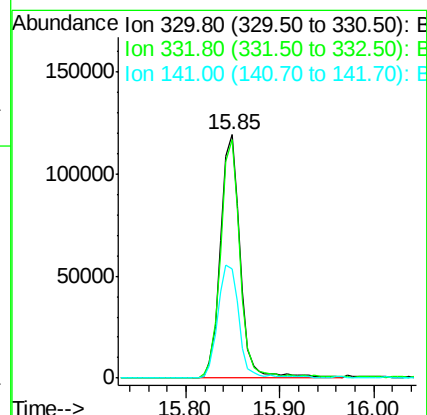
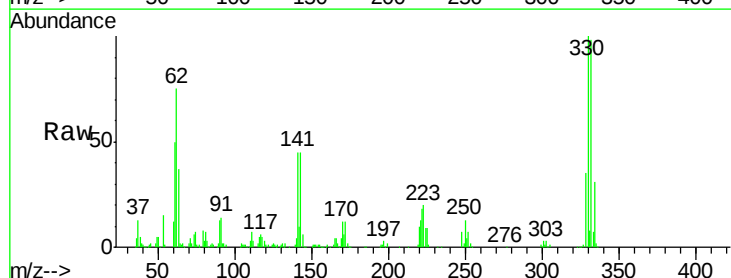
Tgt Ion:330 Resp: 176478

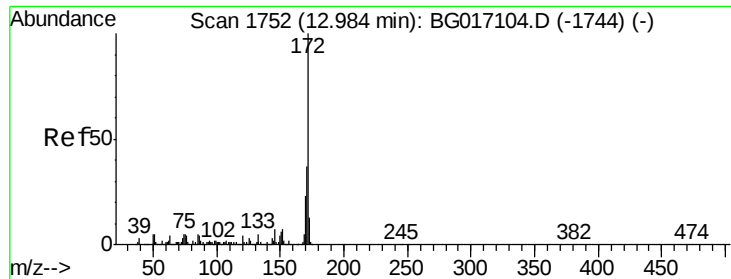
Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

141 50.3 42.2 63.2

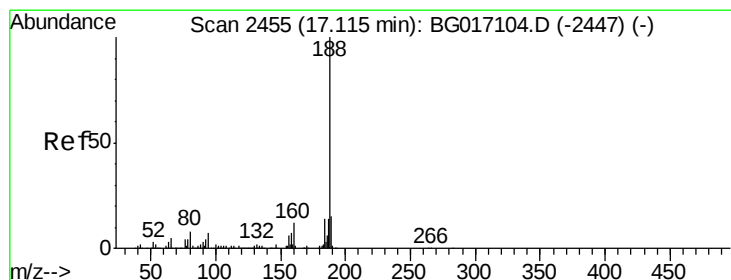
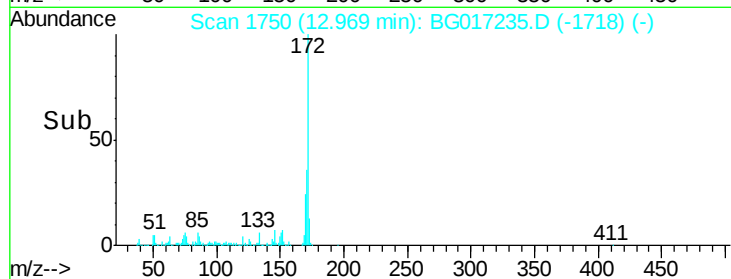
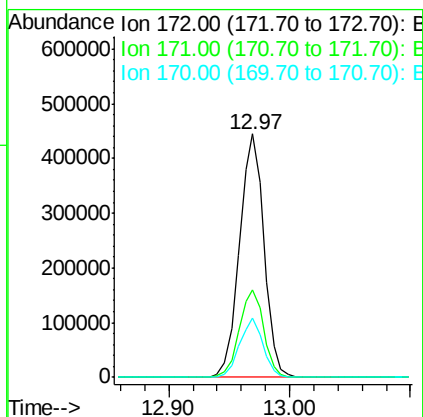
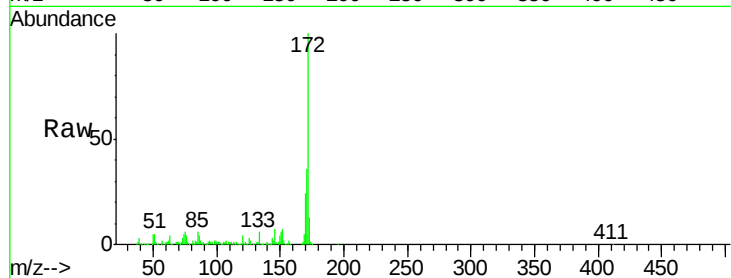




#44
2-Fluorobiphenyl
Concen: 90.59 ng
RT: 12.97 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG017235.D
Acq: 21 May 2015 5:29

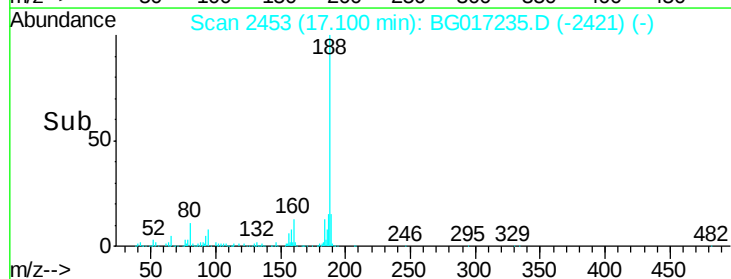
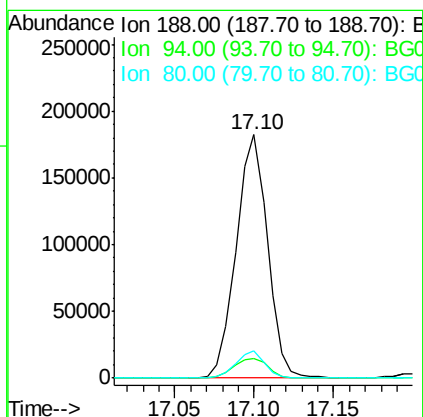
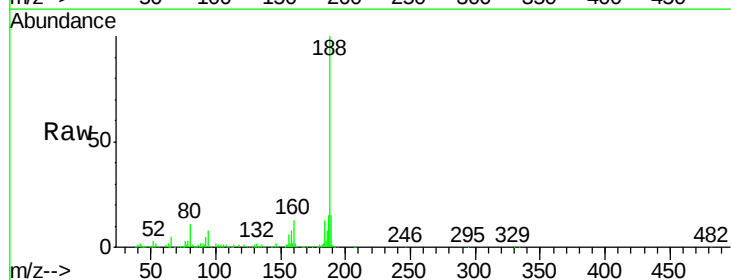
Instrument :
BNA_G
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WC-05-D1

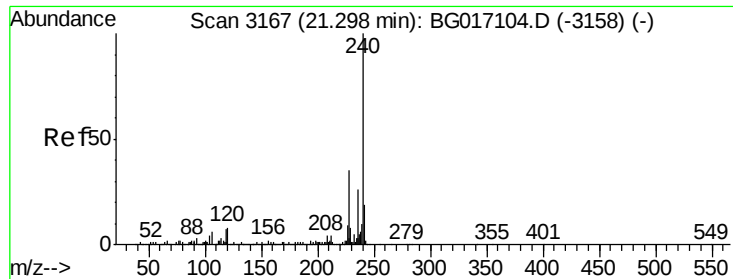
Tgt Ion:	172	Resp:	629120
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.2	18.4	27.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG017235.D
Acq: 21 May 2015 5:29

Tgt Ion:	188	Resp:	248852
Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.8	8.6
80	11.2	6.5	9.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.28 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG017235.D

Acq: 21 May 2015 5:29

Instrument :

BNA_G

ClientSampleId :

WC-05-D1

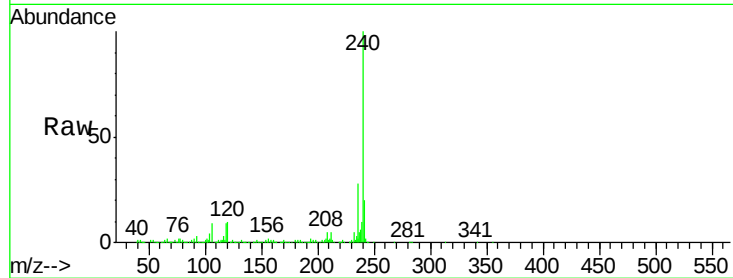
Tgt Ion:240 Resp: 284035

Ion Ratio Lower Upper

240 100

120 10.1 6.0 9.0#

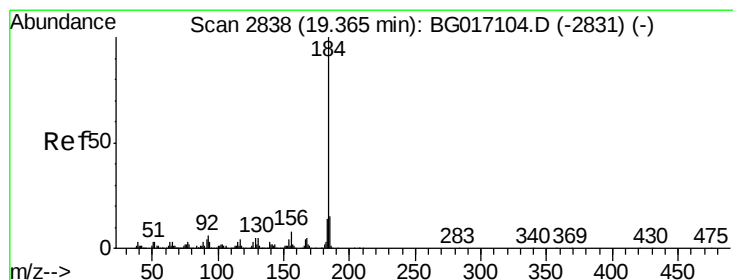
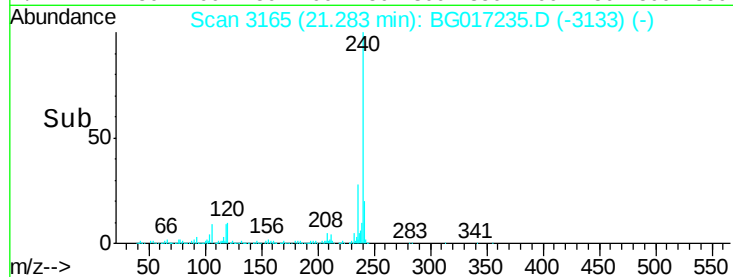
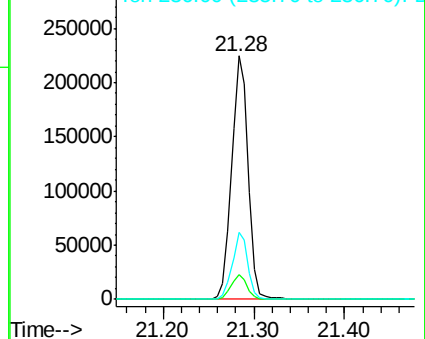
236 27.6 20.5 30.7



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



#76

Benzidine

Concen: 9.54 ng

RT: 19.36 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG017235.D

Acq: 21 May 2015 5:29

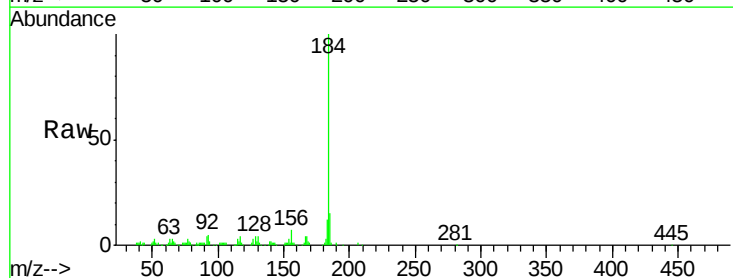
Tgt Ion:184 Resp: 88497

Ion Ratio Lower Upper

184 100

185 14.5 12.4 18.6

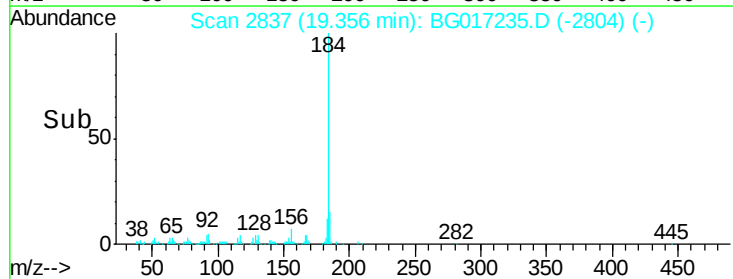
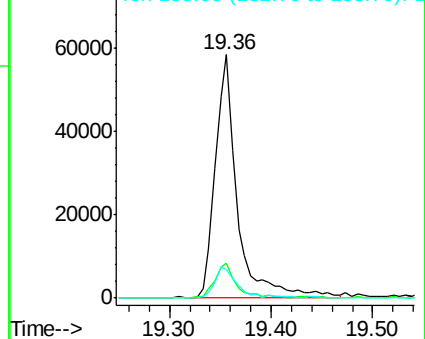
183 11.6 11.4 17.2

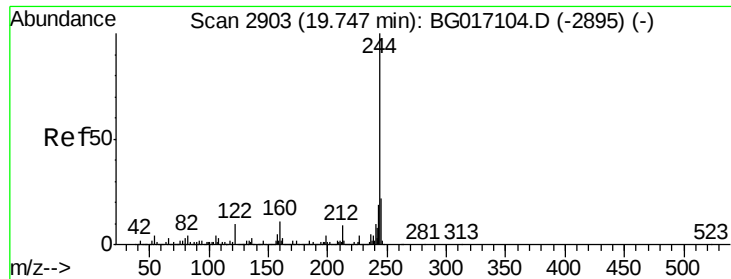


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

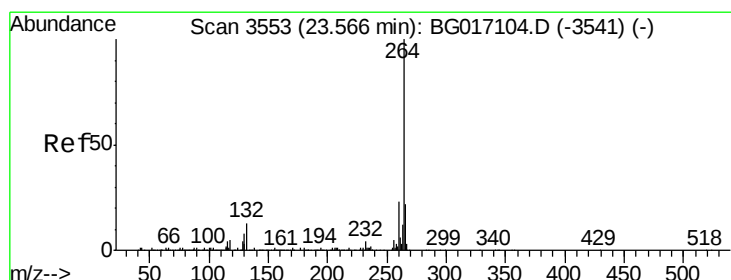
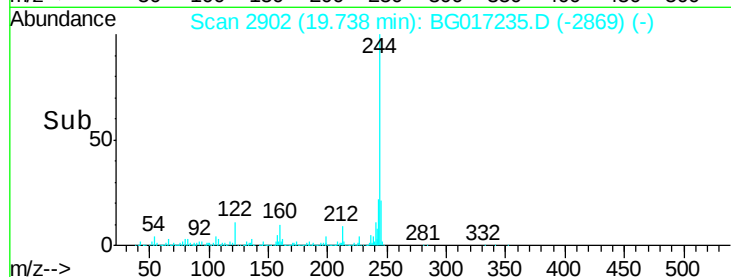
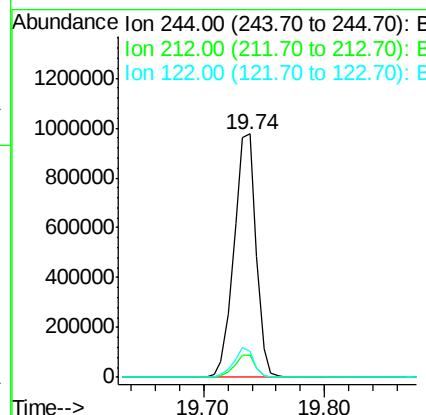
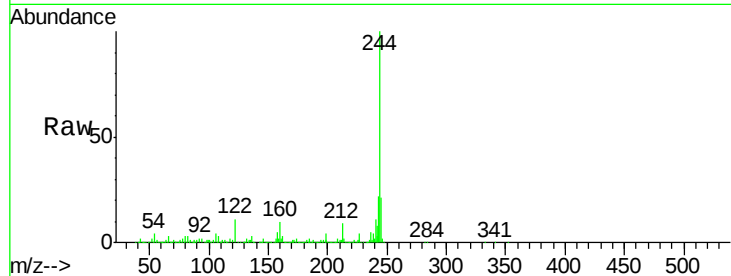




#78
 Terphenyl-d14
 Concen: 91.20 ng
 RT: 19.74 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG017235.D
 Acq: 21 May 2015 5:29

Instrument :
 BNA_G
 ClientSampleId :
 WC-05-D1

Tgt Ion:244 Resp: 1243107
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.0 10.4
 122 10.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.55 min Scan# 3550
 Delta R.T. -0.02 min
 Lab File: BG017235.D
 Acq: 21 May 2015 5:29

Tgt Ion:264 Resp: 279819
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.0 27.0
 265 22.0 17.4 26.0

