

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052215\
 Data File : BG017259.D
 Acq On : 23 May 2015 1:01
 Operator : TP/IZ
 Sample : G2353-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE3-1

Quant Time: May 23 07:04:46 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

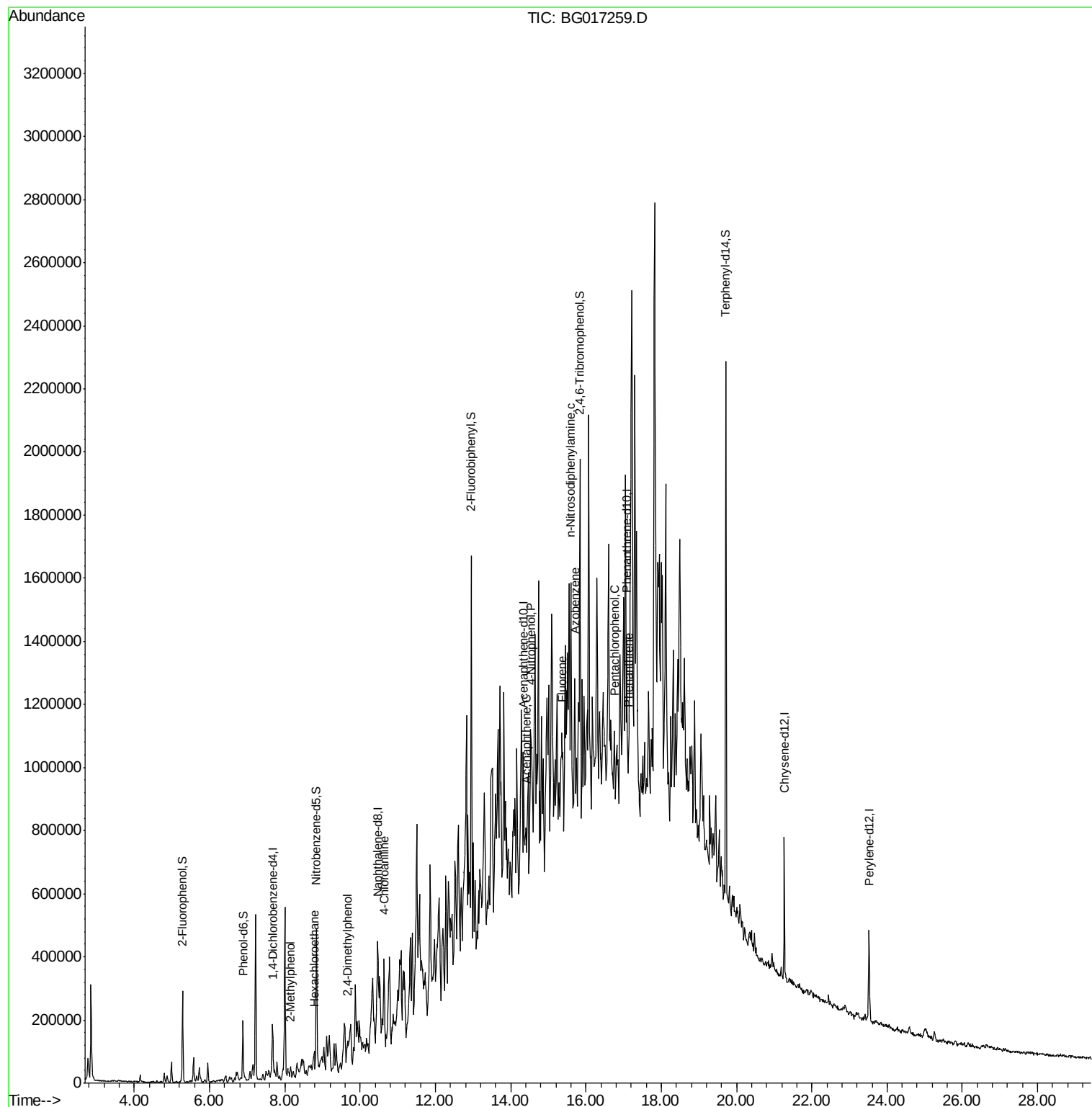
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	37836	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	149496	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	98677	20.00	ng	-0.02
63) Phenanthrene-d10	17.09	188	203649	20.00	ng	-0.03
75) Chrysene-d12	21.27	240	201169	20.00	ng	-0.02
86) Perylene-d12	23.52	264	199770	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	106312	49.85	ng	-0.02
7) Phenol-d6	6.89	99	90478	30.23	ng	-0.02
23) Nitrobenzene-d5	8.84	82	239251	74.72	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	115222	96.59	ng	-0.02
44) 2-Fluorobiphenyl	12.95	172	482937	71.81	ng	-0.03
78) Terphenyl-d14	19.72	244	649405	67.27	ng	-0.02
Target Compounds						
17) 2-Methylphenol	8.15	107	7191	3.12	ng	Qvalue 90
18) Hexachloroethane	8.79	117	5979	4.98	ng	# 1
27) 2,4-Dimethylphenol	9.67	122	6792	2.95	ng	93
33) 4-Chloroaniline	10.65	127	23170	6.70	ng	# 70
51) Acenaphthene	14.40	154	20571	3.61	ng	# 86
55) 4-Nitrophenol	14.54	139	16811	11.01	ng	90
57) Fluorene	15.39	166	23645	3.16	ng	# 88
62) Azobenzene	15.70	77	26904	3.40	ng	# 57
65) n-Nitrosodiphenylamine	15.60	169	61865	9.90	ng	# 56
69) Pentachlorophenol	16.76	266	2951	2.02	ng	# 86
70) Phenanthrene	17.13	178	27453	2.61	ng	# 59

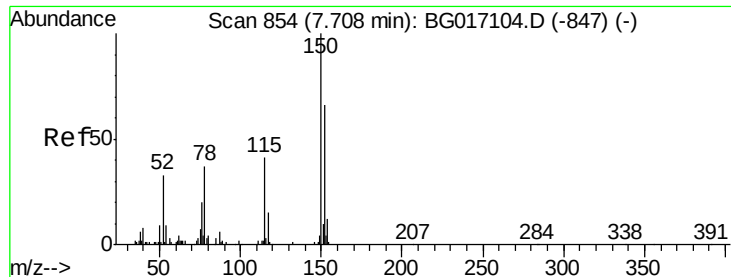
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
Operator : TP/IZ
Sample : G2353-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VE3-1

Quant Time: May 23 07:04:46 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 849

Delta R.T. -0.03 min

Lab File: BG017259.D

Acq: 23 May 2015 1:01

Instrument :

BNA_G

ClientSampleId :

VE3-1

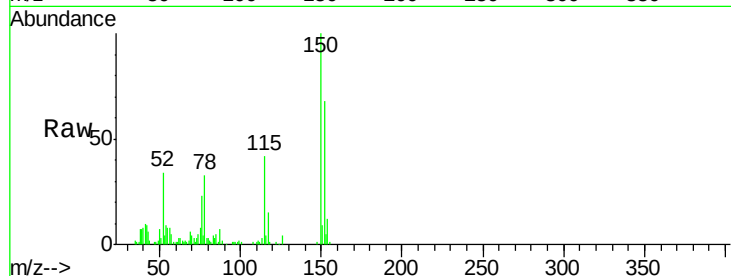
Tgt Ion:152 Resp: 37836

Ion Ratio Lower Upper

152 100

150 147.5 120.8 181.2

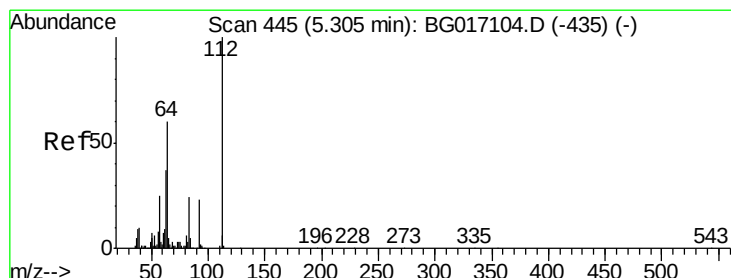
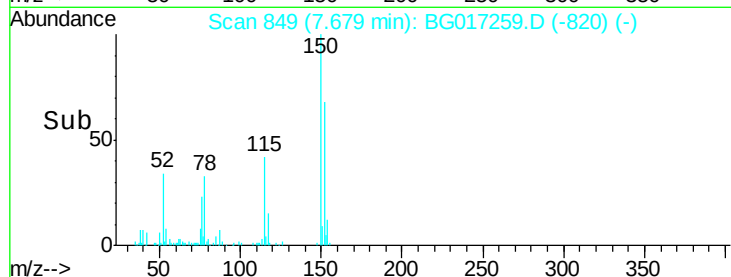
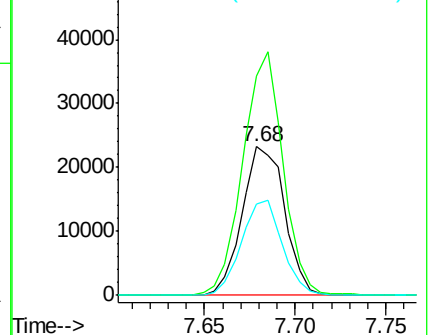
115 61.6 49.4 74.2



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: 49.85 ng

RT: 5.28 min Scan# 441

Delta R.T. -0.02 min

Lab File: BG017259.D

Acq: 23 May 2015 1:01

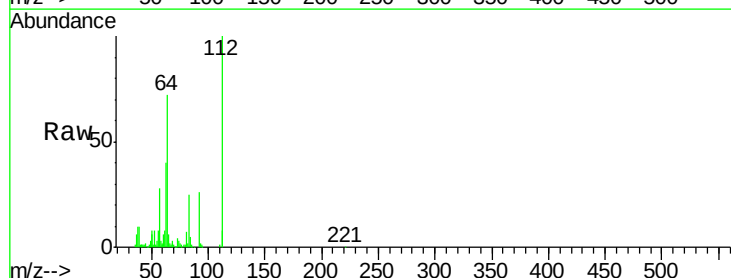
Tgt Ion:112 Resp: 106312

Ion Ratio Lower Upper

112 100

64 71.5 48.1 72.1

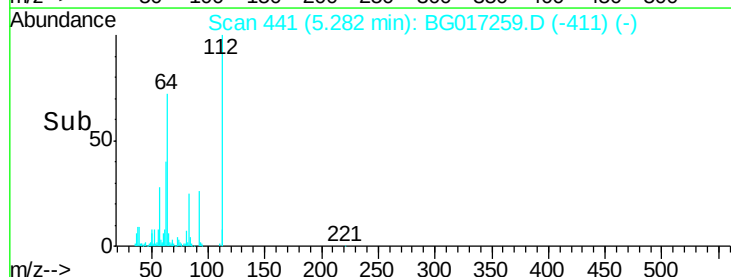
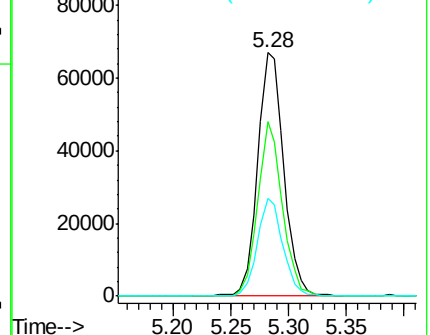
63 40.1 29.8 44.8

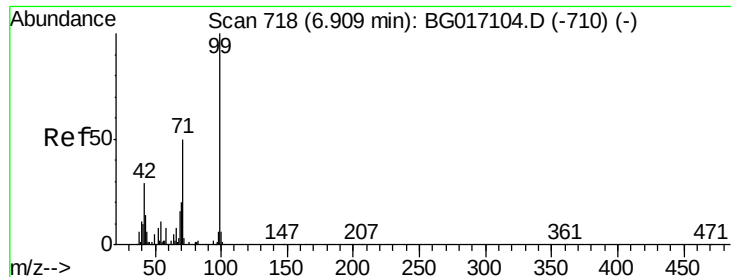


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.23 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG017259.D

Acq: 23 May 2015 1:01

Instrument :

BNA_G

ClientSampleId :

VE3-1

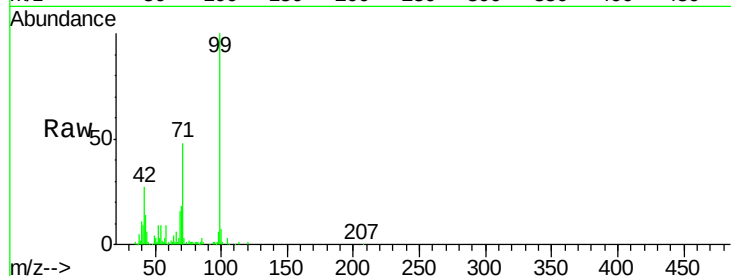
Tgt Ion: 99 Resp: 90478

Ion Ratio Lower Upper

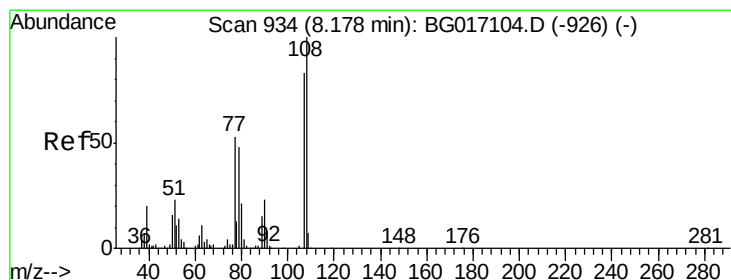
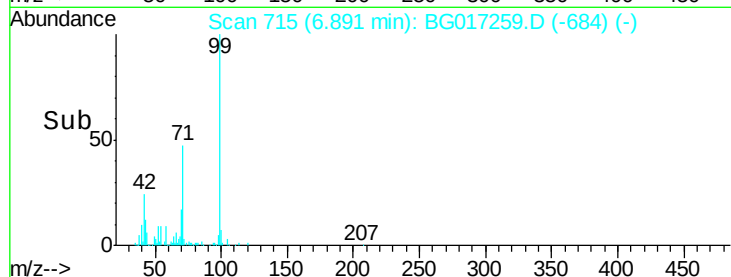
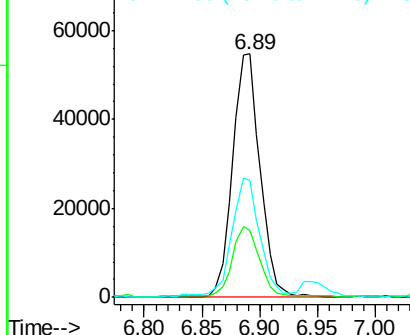
99 100

42 27.4 23.5 35.3

71 47.8 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



#17

2-Methylphenol

Concen: 3.12 ng

RT: 8.15 min Scan# 929

Delta R.T. -0.03 min

Lab File: BG017259.D

Acq: 23 May 2015 1:01

Tgt Ion: 107 Resp: 7191

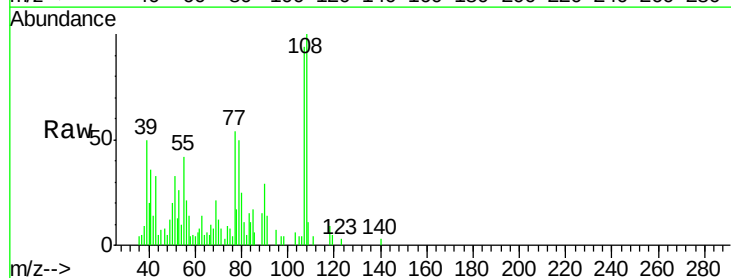
Ion Ratio Lower Upper

107 100

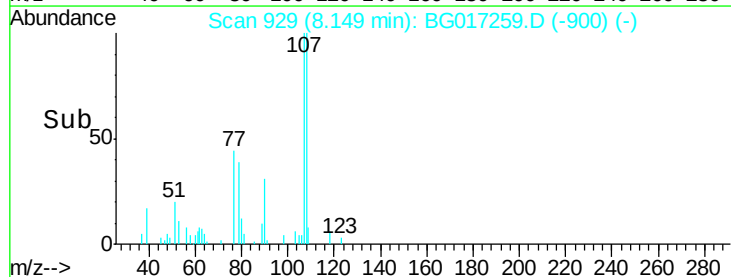
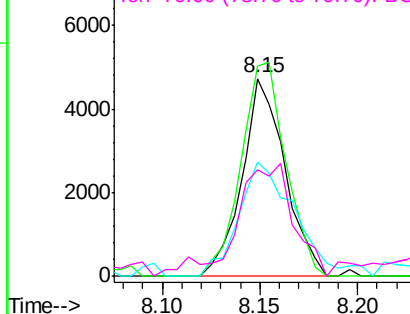
108 106.1 96.6 144.8

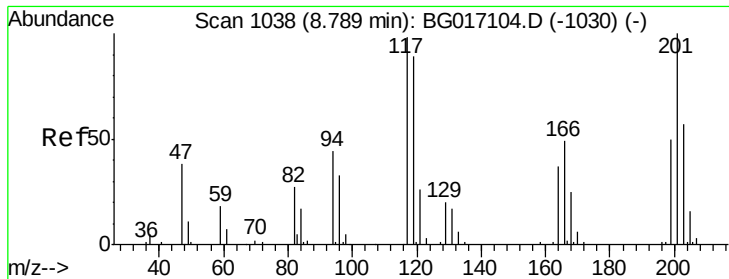
77 57.4 51.2 76.8

79 53.6 45.9 68.9



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

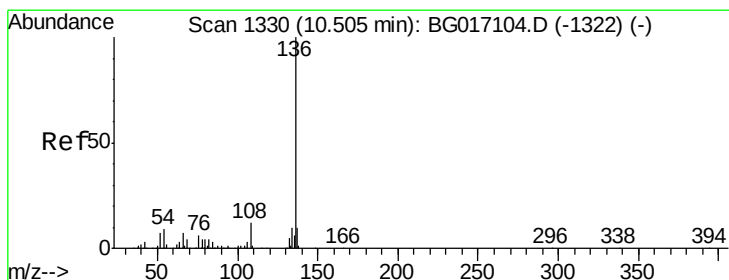
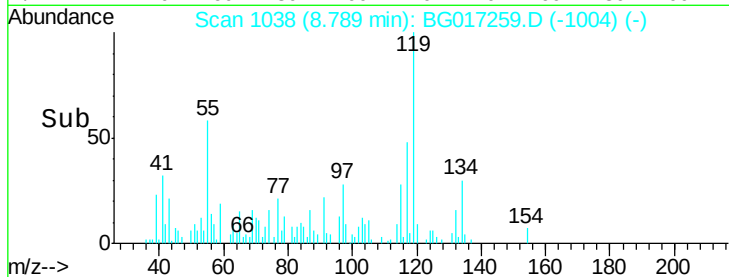
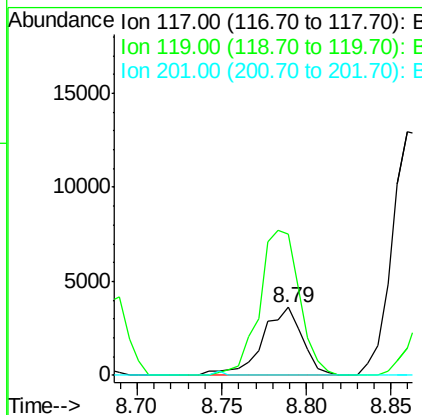
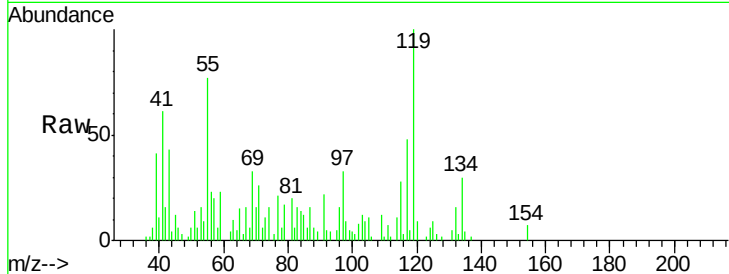




#18
 Hexachloroethane
 Concen: 4.98 ng
 RT: 8.79 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG017259.D
 Acq: 23 May 2015 1:01

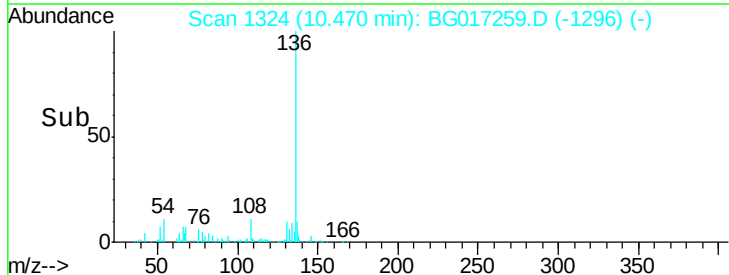
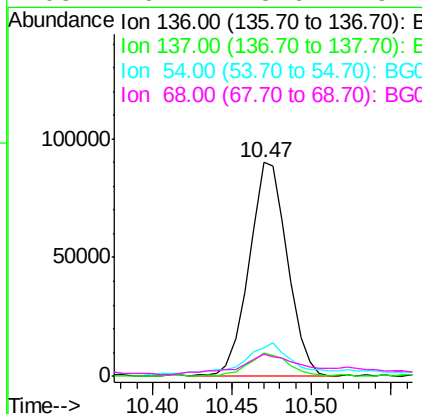
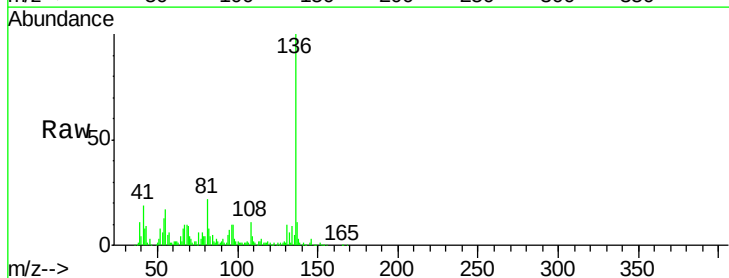
Instrument :
 BNA_G
 ClientSampleId :
 VE3-1

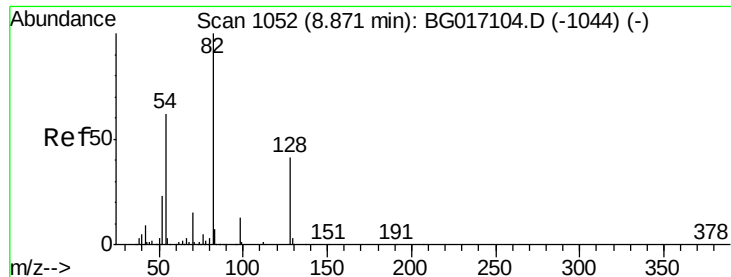
Tgt Ion: 117 Resp: 5979
 Ion Ratio Lower Upper
 117 100
 119 208.6 73.0 109.6#
 201 0.0 81.7 122.5#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.47 min Scan# 1324
 Delta R.T. -0.04 min
 Lab File: BG017259.D
 Acq: 23 May 2015 1:01

Tgt Ion: 136 Resp: 149496
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.3 12.5
 54 13.1 7.4 11.2#
 68 10.2 3.6 5.4#

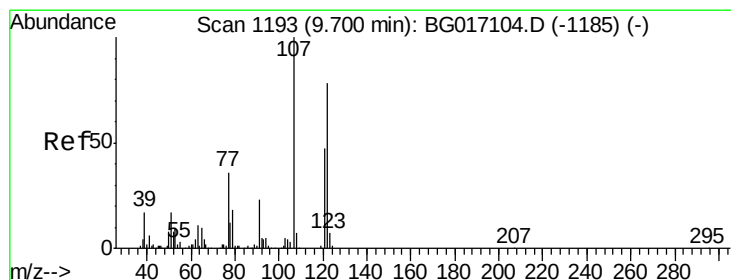
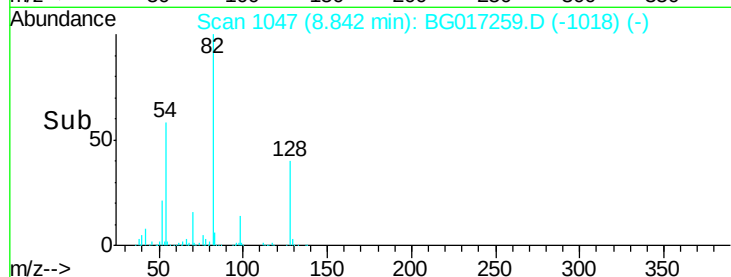
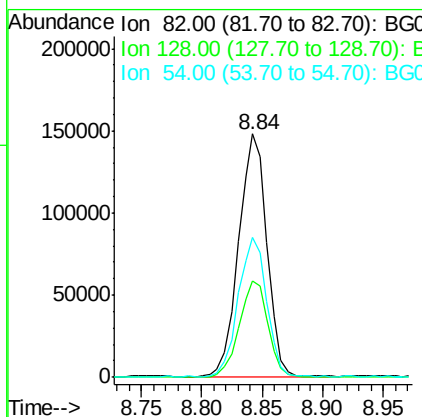
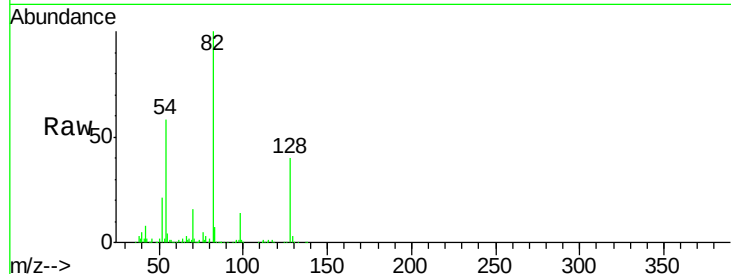




#23
 Nitrobenzene-d5
 Concen: 74.72 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BG017259.D
 Acq: 23 May 2015 1:01

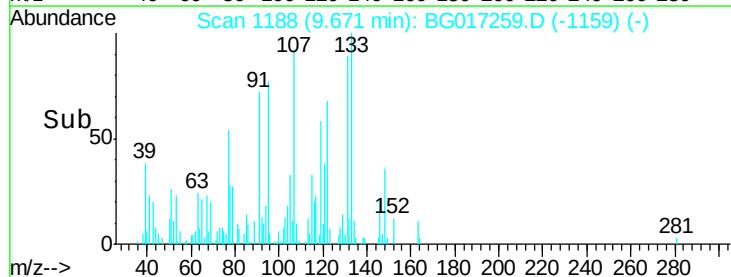
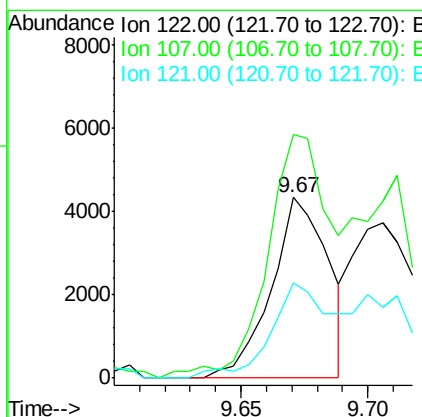
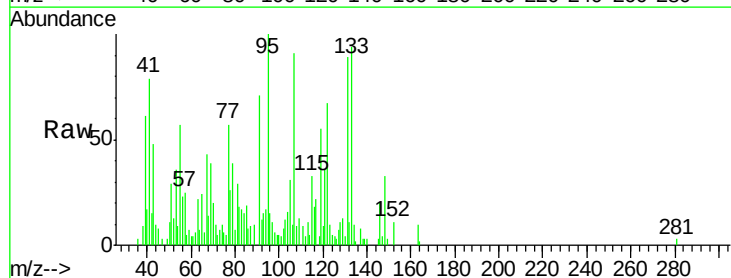
Instrument :
 BNA_G
 ClientSampleId :
 VE3-1

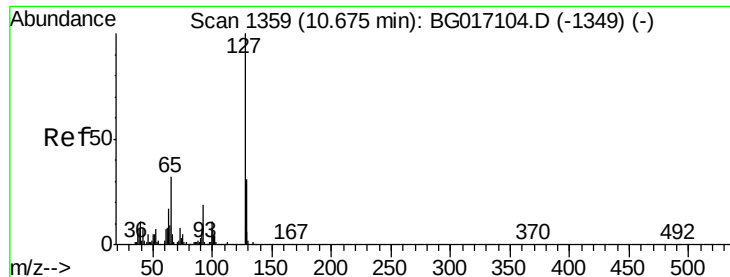
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.6	49.0
54	57.7	49.6	74.4



#27
 2,4-Dimethylphenol
 Concen: 2.95 ng
 RT: 9.67 min Scan# 1188
 Delta R.T. -0.03 min
 Lab File: BG017259.D
 Acq: 23 May 2015 1:01

Tgt Ion	Ratio	Lower	Upper
122	100		
107	134.7	102.3	153.5
121	52.9	48.7	73.1

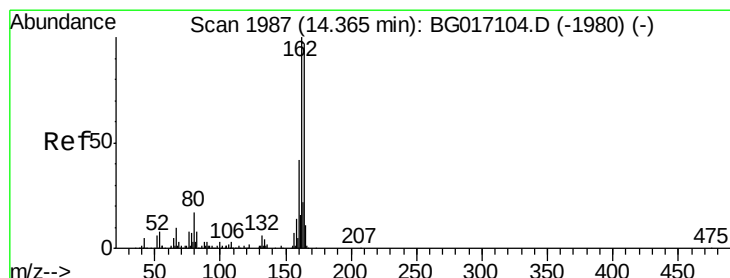
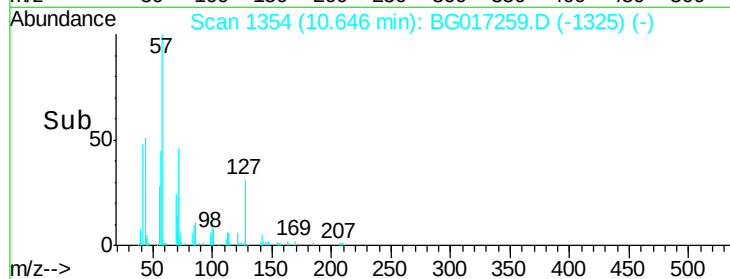
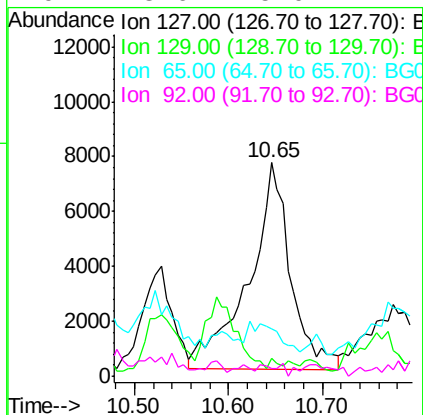
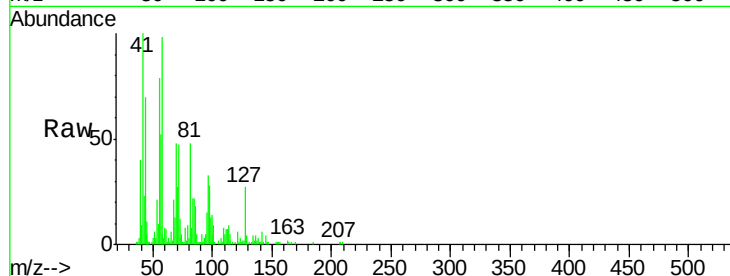




#33
4-Chloroaniline
Concen: 6.70 ng
RT: 10.65 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

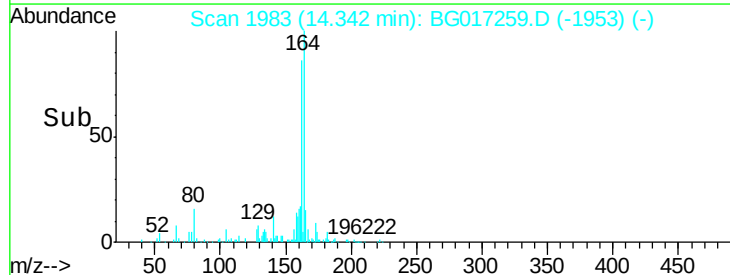
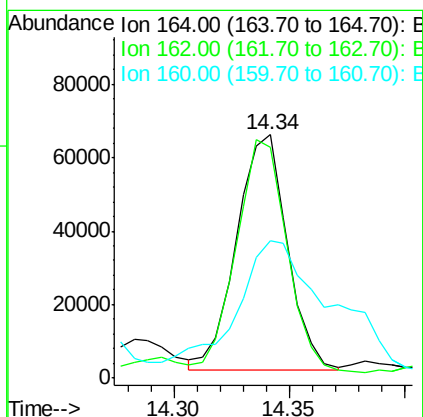
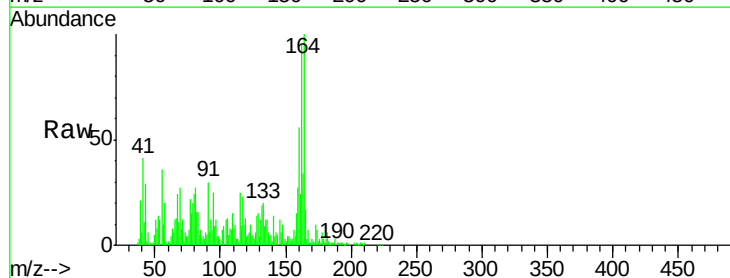
Instrument :
BNA_G
ClientSampleId :
VE3-1

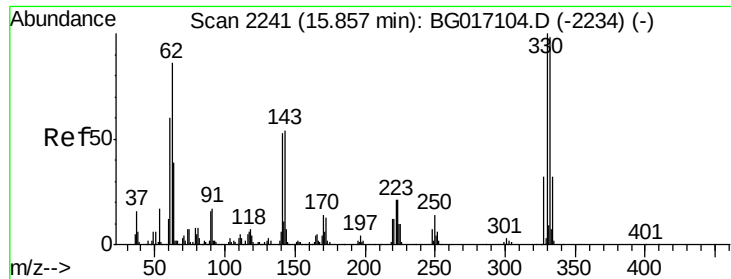
Tgt Ion:	127	Resp:	23170
Ion	Ratio	Lower	Upper
127	100		
129	8.2	24.8	37.2#
65	22.3	25.8	38.6#
92	3.6	15.0	22.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Tgt Ion:	164	Resp:	98677
Ion	Ratio	Lower	Upper
164	100		
162	95.0	82.1	123.1
160	56.4	34.8	52.2#

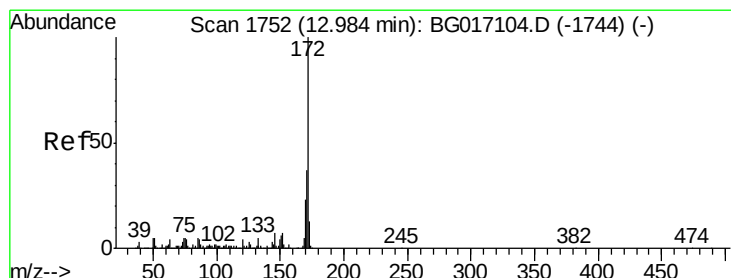
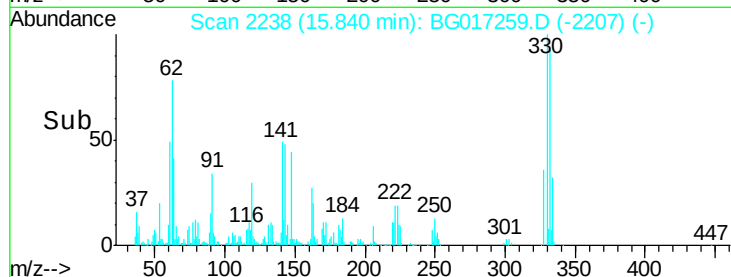
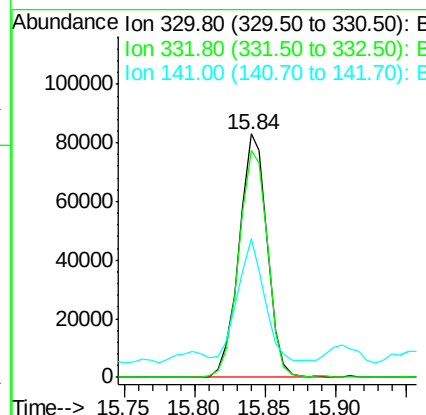
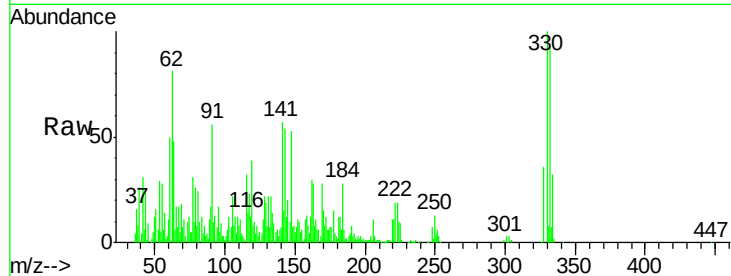




#41
 2,4,6-Tribromophenol
 Concen: 96.59 ng
 RT: 15.84 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BG017259.D
 Acq: 23 May 2015 1:01

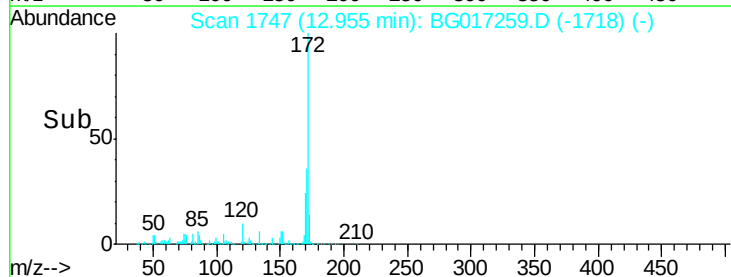
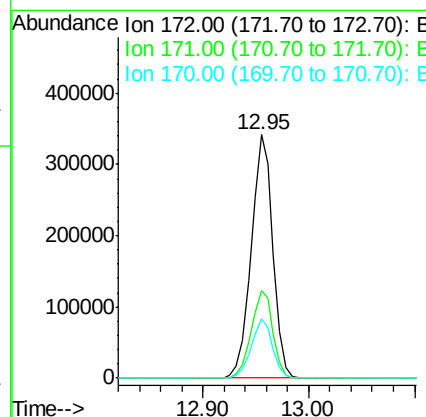
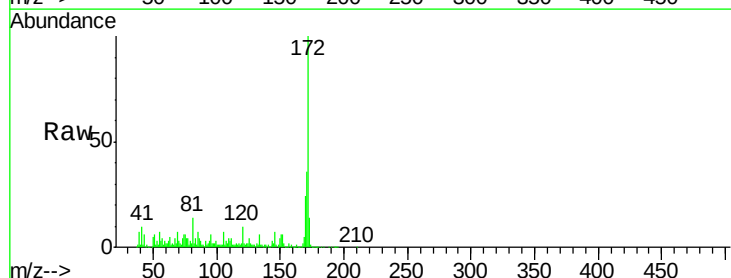
Instrument :
 BNA_G
 ClientSampleId :
 VE3-1

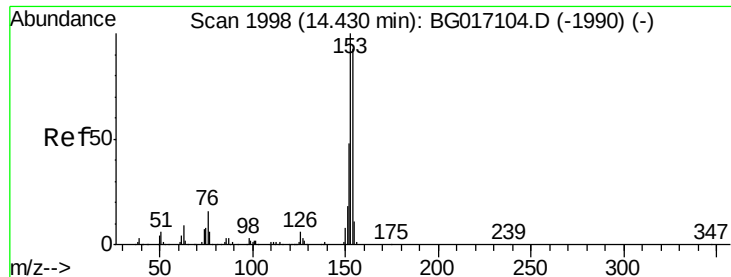
Tgt Ion:330 Resp: 115222
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.9 115.3
 141 49.2 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 71.81 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.03 min
 Lab File: BG017259.D
 Acq: 23 May 2015 1:01

Tgt Ion:172 Resp: 482937
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.1 18.4 27.6





#51

Acenaphthene

Concen: 3.61 ng

RT: 14.40 min Scan# 1993

Delta R.T. -0.03 min

Lab File: BG017259.D

Acq: 23 May 2015 1:01

Instrument :

BNA_G

ClientSampleId :

VE3-1

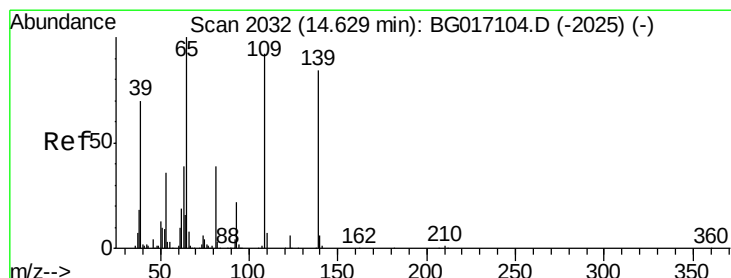
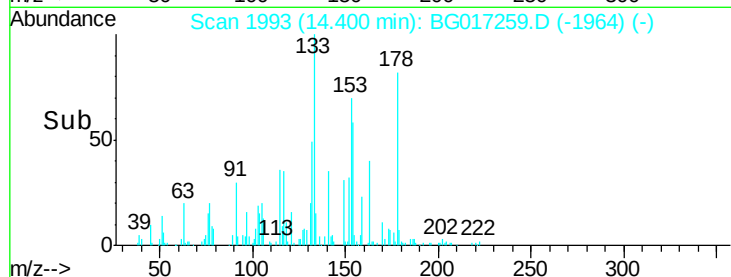
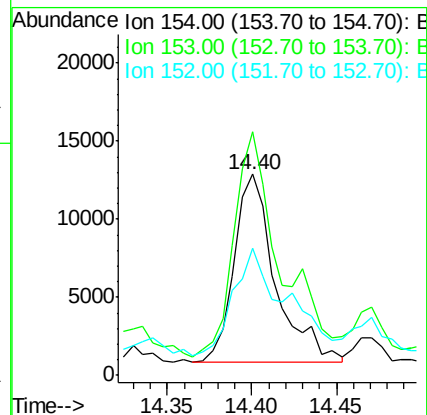
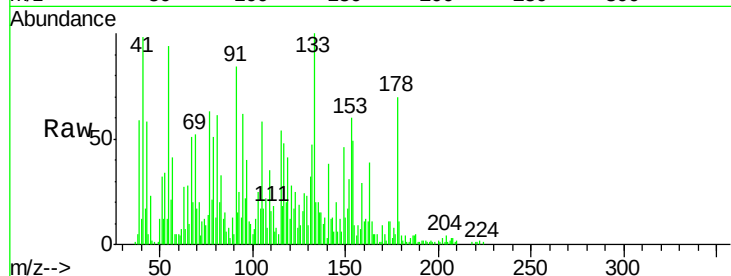
Tgt Ion:154 Resp: 20571

Ion Ratio Lower Upper

154 100

153 121.1 86.2 129.4

152 63.3 41.5 62.3#



#55

4-Nitrophenol

Concen: 11.01 ng

RT: 14.54 min Scan# 2017

Delta R.T. -0.09 min

Lab File: BG017259.D

Acq: 23 May 2015 1:01

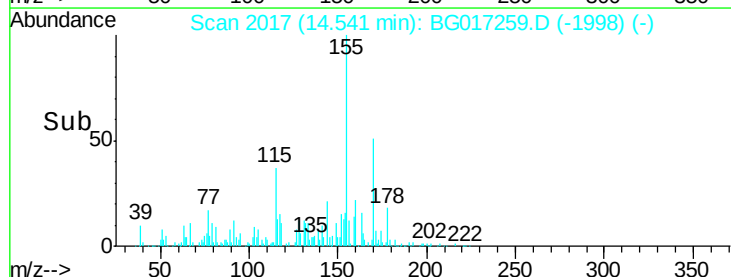
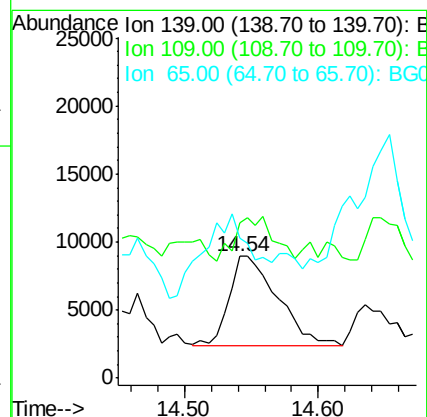
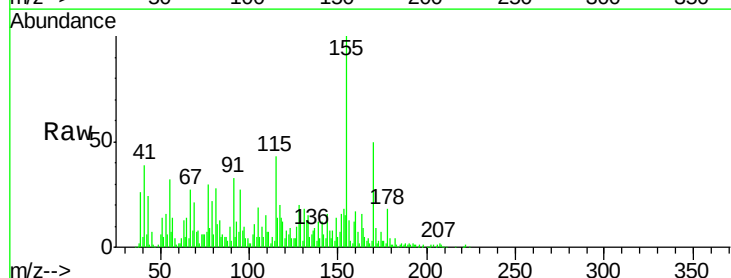
Tgt Ion:139 Resp: 16811

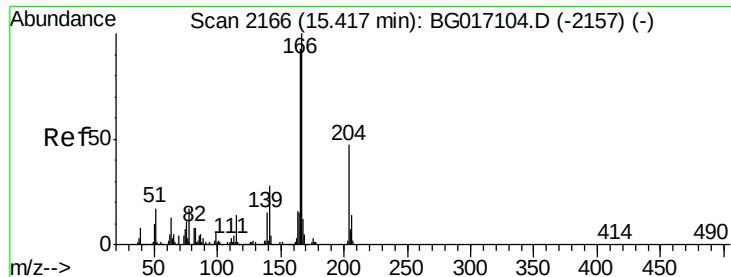
Ion Ratio Lower Upper

139 100

109 128.2 90.5 130.5

65 115.5 99.9 139.9

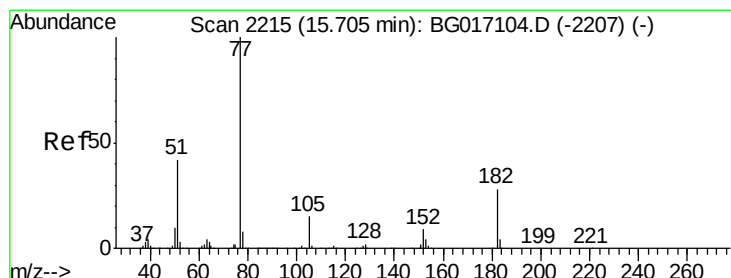
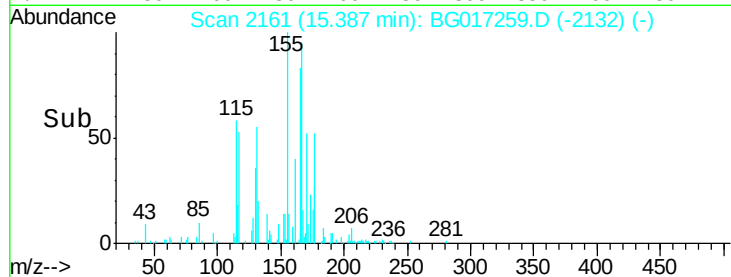
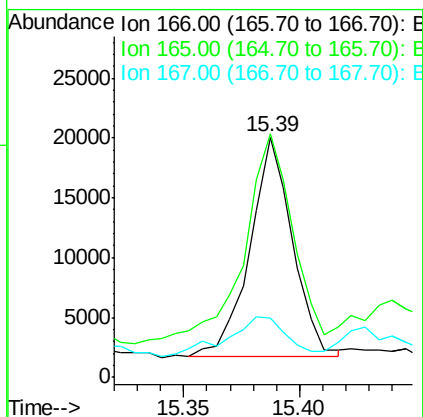
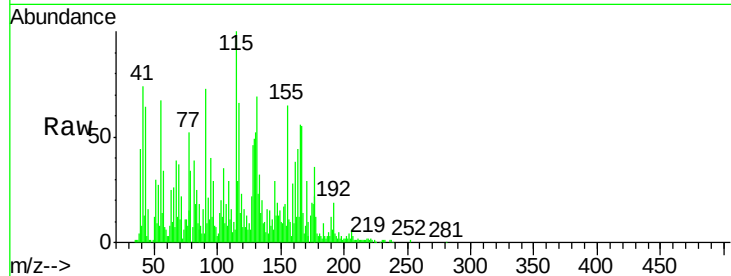




#57
Fluorene
 Concen: 3.16 ng
 RT: 15.39 min Scan# 2161
 Delta R.T. -0.03 min
 Lab File: BG017259.D
 Acq: 23 May 2015 1:01

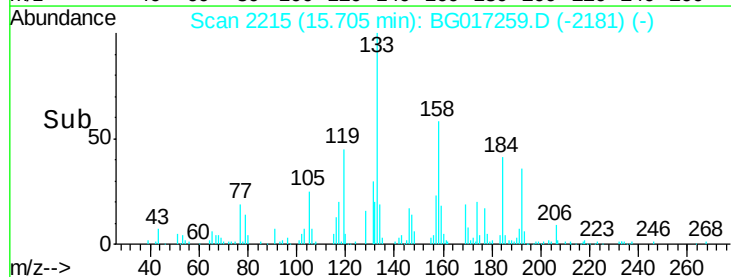
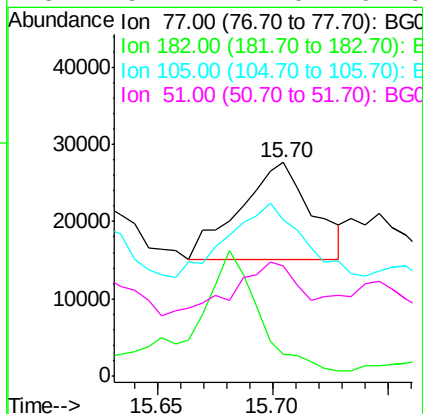
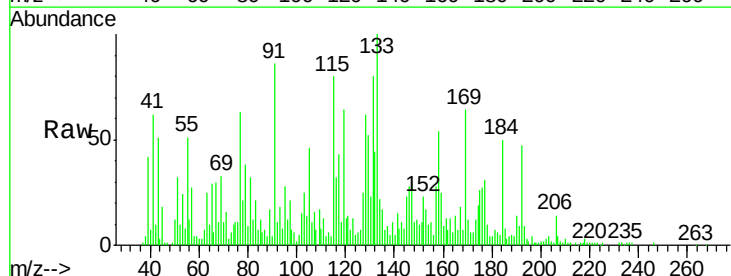
Instrument :
 BNA_G
 ClientSampled :
 VE3-1

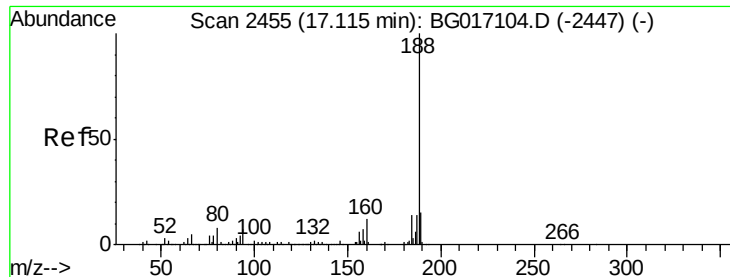
Tgt Ion: 166 Resp: 23645
 Ion Ratio Lower Upper
 166 100
 165 101.5 74.2 111.4
 167 24.8 9.8 14.8#



#62
Azobenzene
 Concen: 3.40 ng
 RT: 15.70 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG017259.D
 Acq: 23 May 2015 1:01

Tgt Ion: 77 Resp: 26904
 Ion Ratio Lower Upper
 77 100
 182 10.0 8.1 48.1
 105 72.9 0.0 34.8#
 51 51.4 22.0 62.0

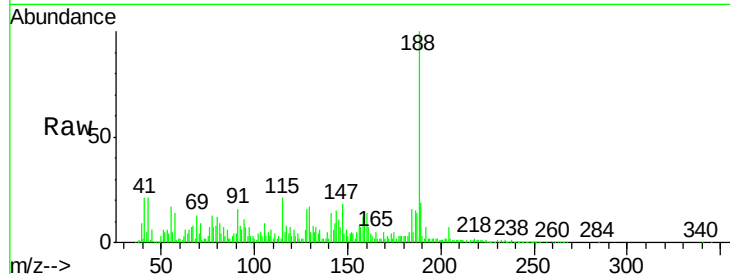




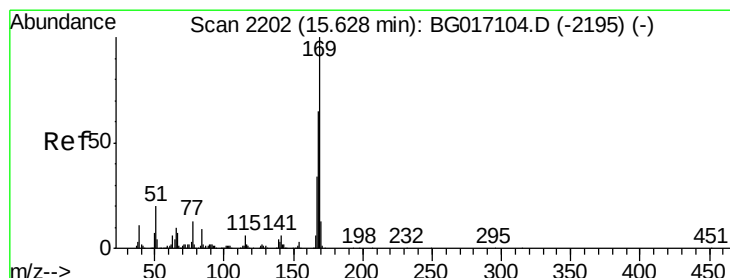
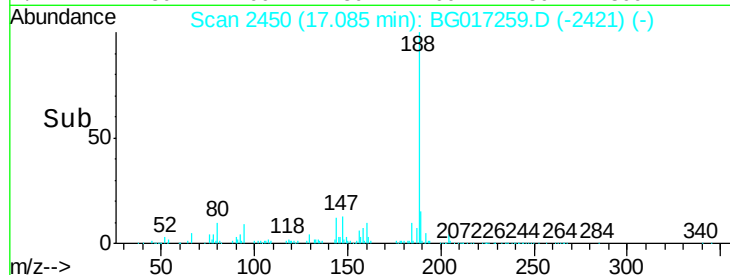
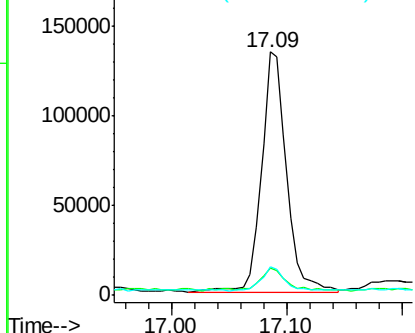
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2450
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Instrument :
BNA_G
ClientSampleId :
VE3-1

Tgt Ion:188 Resp: 203649
Ion Ratio Lower Upper
188 100
94 11.3 5.8 8.6#
80 11.5 6.5 9.7#

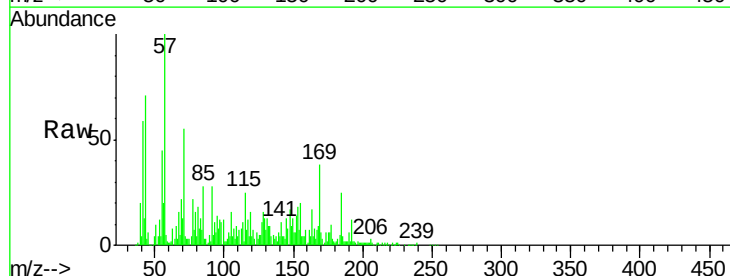


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

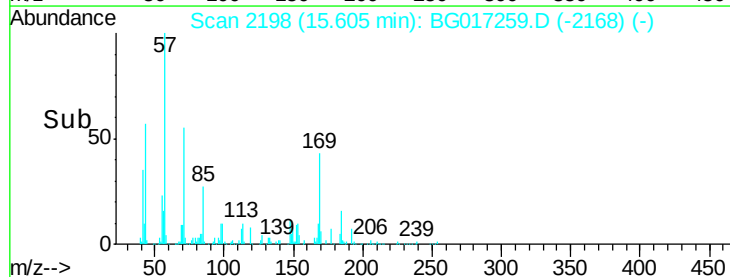
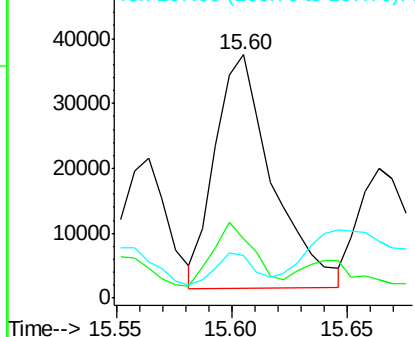


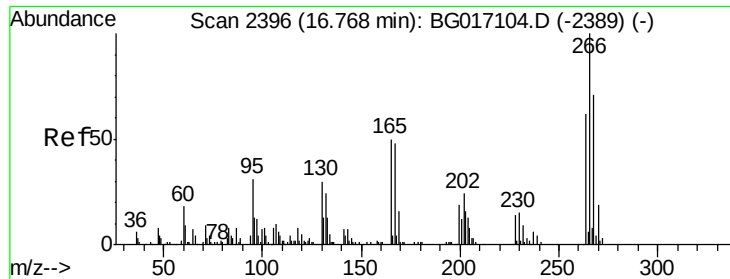
#65
n-Nitrosodiphenylamine
Concen: 9.90 ng
RT: 15.60 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Tgt Ion:169 Resp: 61865
Ion Ratio Lower Upper
169 100
168 24.4 51.7 77.5#
167 17.5 27.4 41.0#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

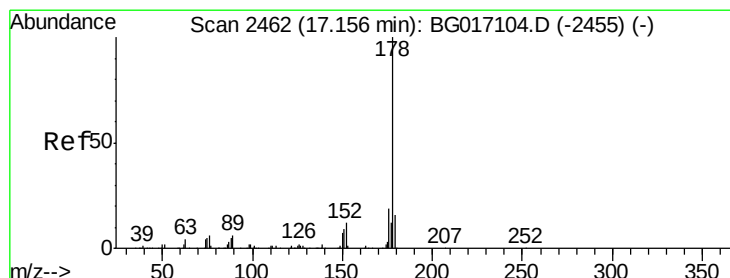
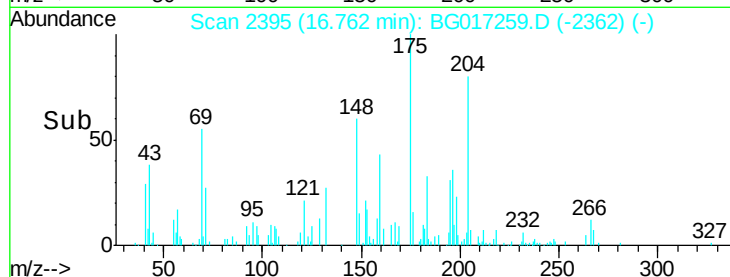
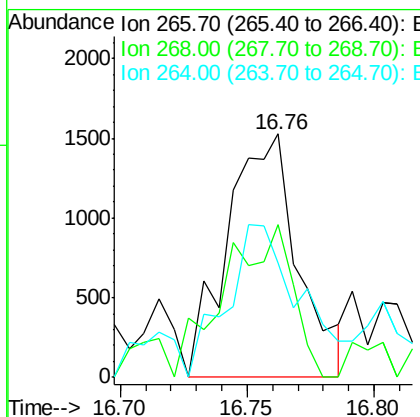
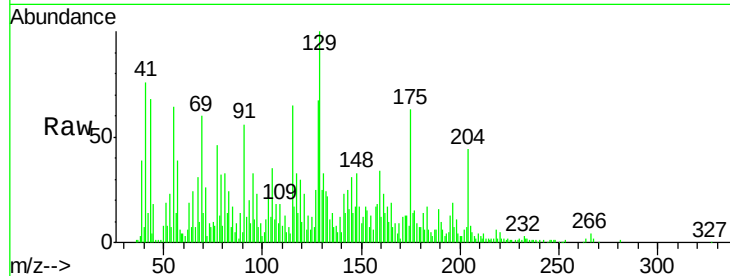




#69
 Pentachlorophenol
 Concen: 2.02 ng
 RT: 16.76 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG017259.D
 Acq: 23 May 2015 1:01

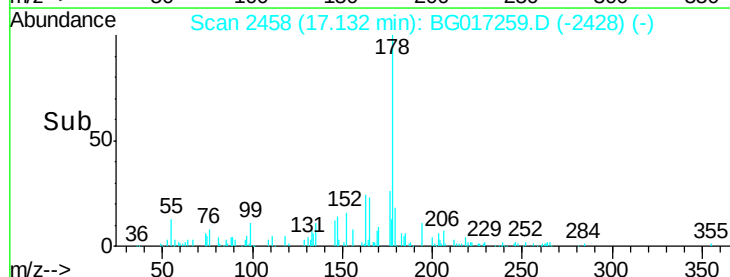
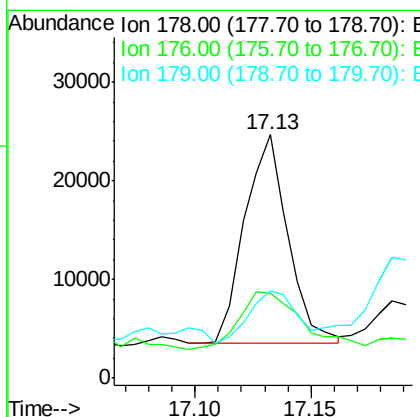
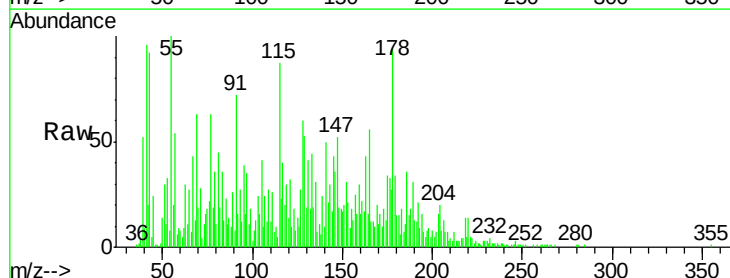
Instrument :
 BNA_G
 ClientSampleId :
 VE3-1

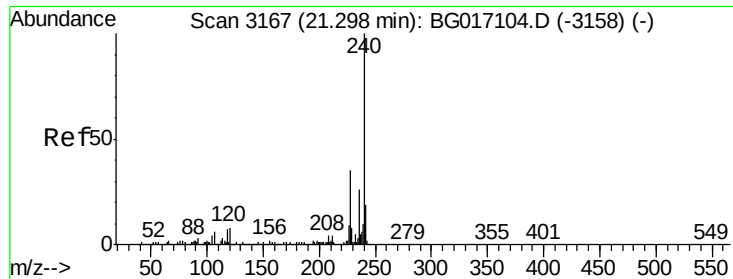
Tgt Ion: 266 Resp: 2951
 Ion Ratio Lower Upper
 266 100
 268 62.5 56.6 84.8
 264 46.7 49.4 74.0#



#70
 Phenanthrene
 Concen: 2.61 ng
 RT: 17.13 min Scan# 2458
 Delta R.T. -0.02 min
 Lab File: BG017259.D
 Acq: 23 May 2015 1:01

Tgt Ion: 178 Resp: 27453
 Ion Ratio Lower Upper
 178 100
 176 35.0 15.4 23.2#
 179 36.0 12.5 18.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3163

Delta R.T. -0.02 min

Lab File: BG017259.D

Acq: 23 May 2015 1:01

Instrument :

BNA_G

ClientSampleId :

VE3-1

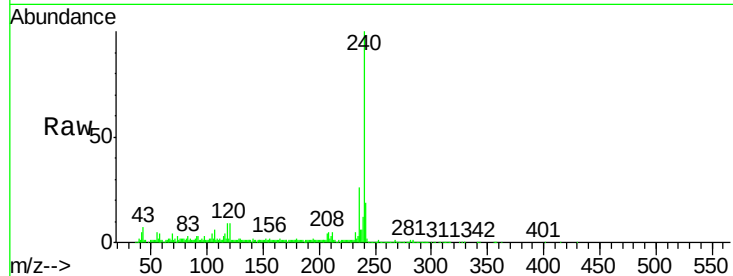
Tgt Ion:240 Resp: 201169

Ion Ratio Lower Upper

240 100

120 9.0 6.0 9.0

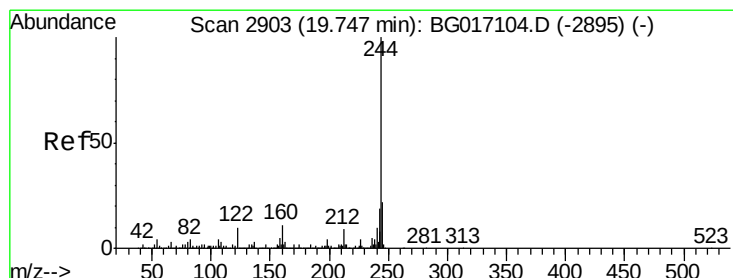
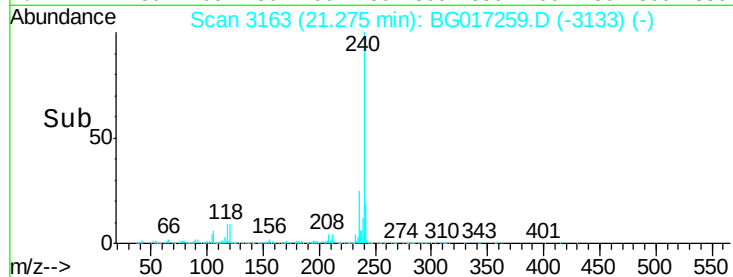
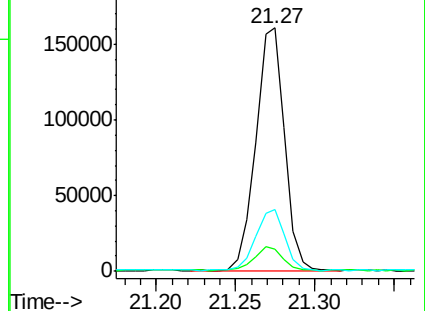
236 25.6 20.5 30.7



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: 67.27 ng

RT: 19.72 min Scan# 2899

Delta R.T. -0.02 min

Lab File: BG017259.D

Acq: 23 May 2015 1:01

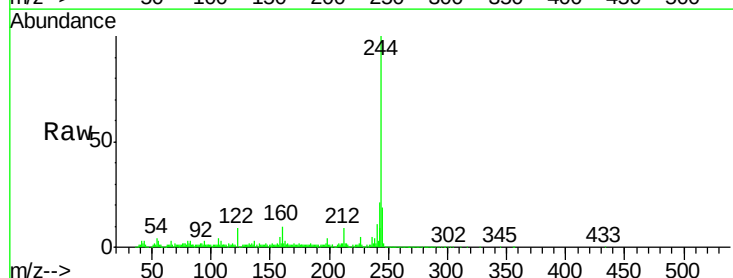
Tgt Ion:244 Resp: 649405

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

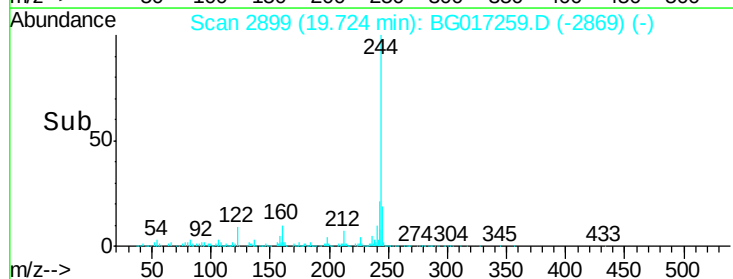
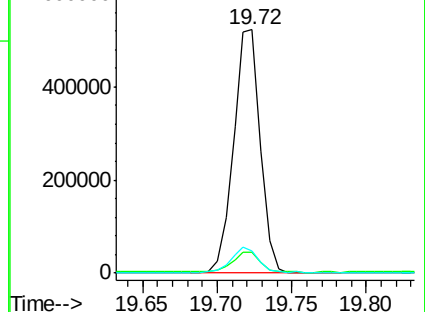
122 9.1 8.4 12.6

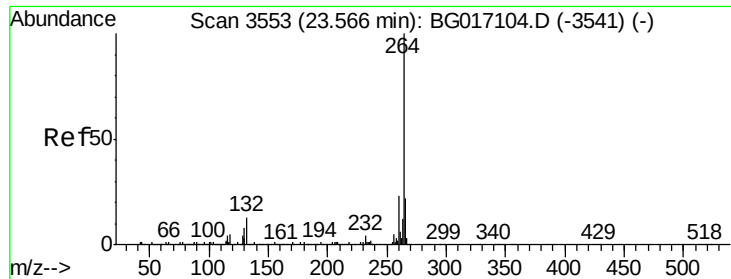


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.52 min Scan# 3546
Delta R.T. -0.04 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Instrument :
BNA_G
ClientSampleId :
VE3-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.0	27.0
265	21.6	17.4	26.0

