

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 07:09:40 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

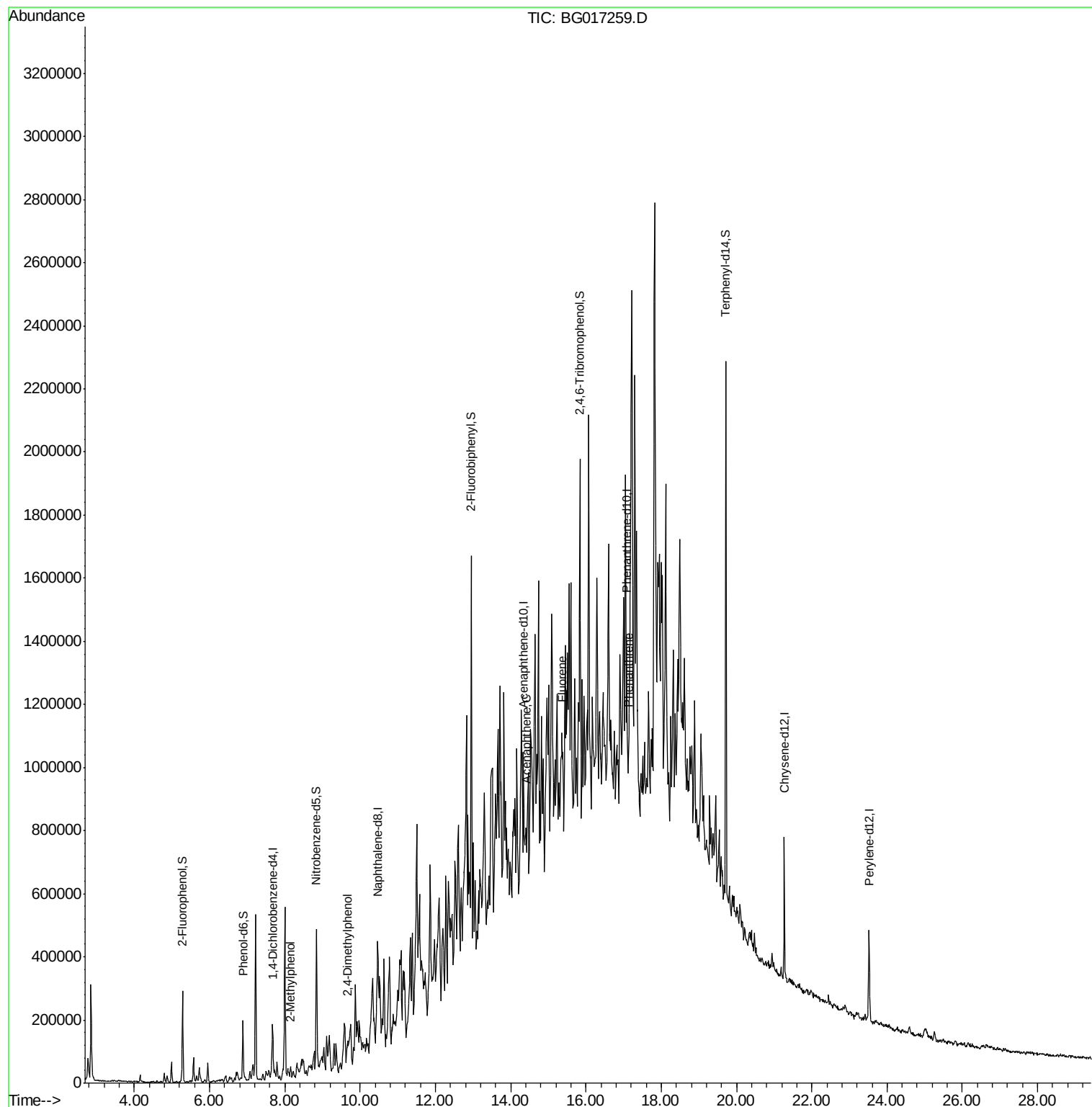
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	37836	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	149496	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	98677	20.00	ng	-0.02
63) Phenanthrene-d10	17.09	188	203649	20.00	ng	-0.03
75) Chrysene-d12	21.27	240	201169	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						Qvalue
17) 2-Methylphenol	8.15	107	7191	3.12	ng	90
27) 2,4-Dimethylphenol	9.67	122	13123m	5.69	ng	
51) Acenaphthene	14.40	154	20571	3.61	ng	# 86
57) Fluorene	15.39	166	23645	3.16	ng	# 88
70) Phenanthrene	17.13	178	27453	2.61	ng	# 59

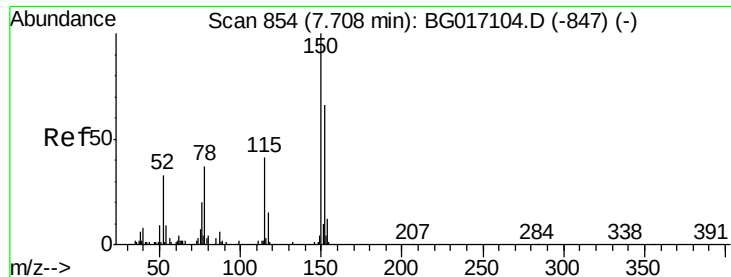
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

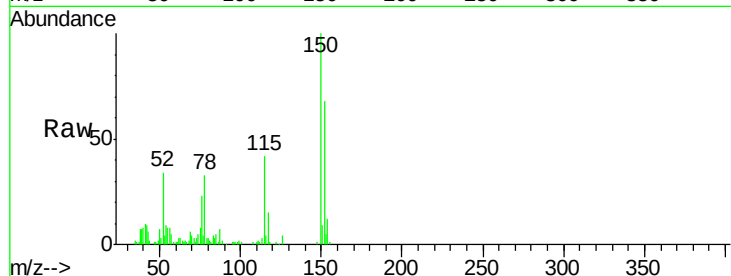
Tgt Ion:152 Resp: 37836

Ion Ratio Lower Upper

152 100

150 147.5 120.8 181.2

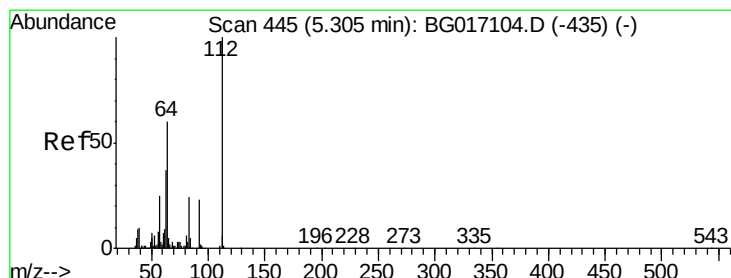
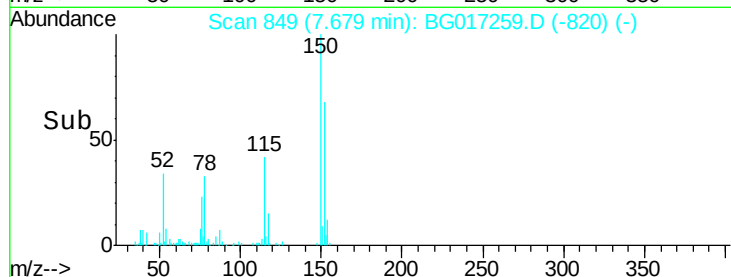
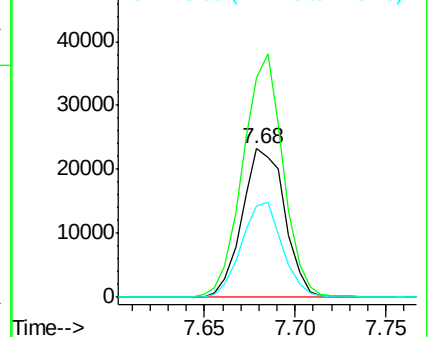
115 61.6 49.4 74.2



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

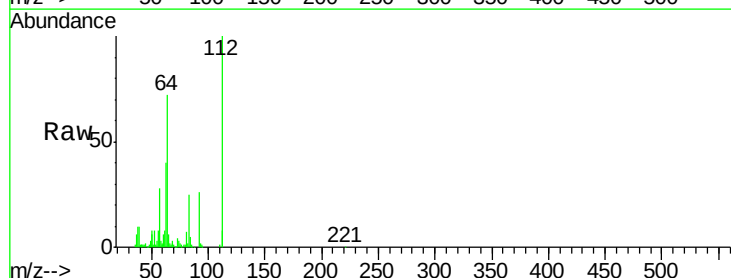
Tgt Ion:112 Resp: 106312

Ion Ratio Lower Upper

112 100

64 71.5 48.1 72.1

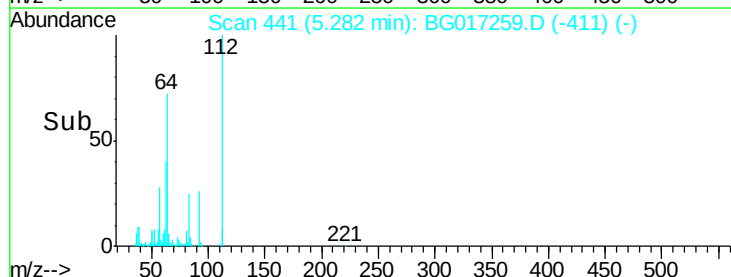
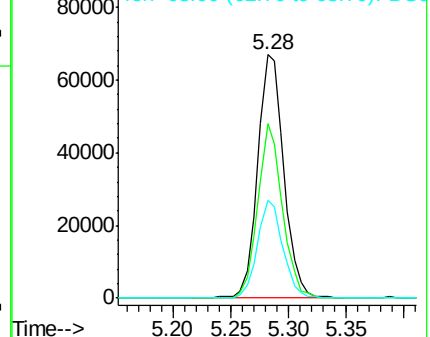
63 40.1 29.8 44.8

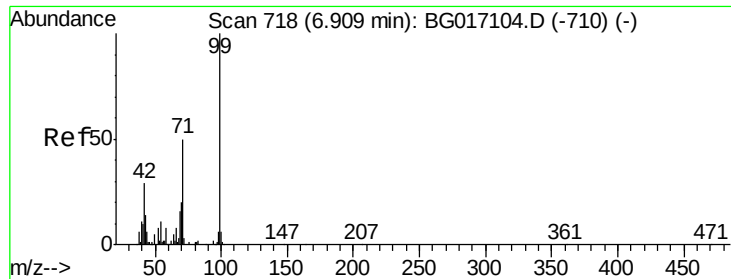


Abundance Ion 112.00 (111.70 to 112.70): E

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

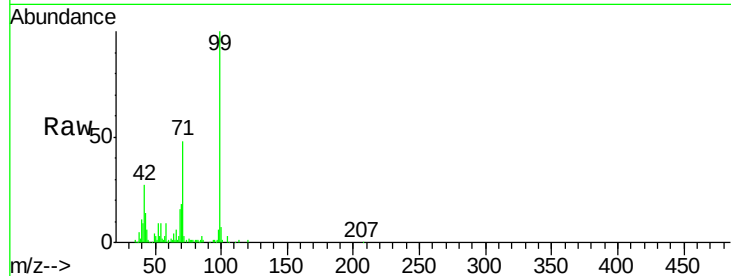
Tgt Ion: 99 Resp: 90478

Ion Ratio Lower Upper

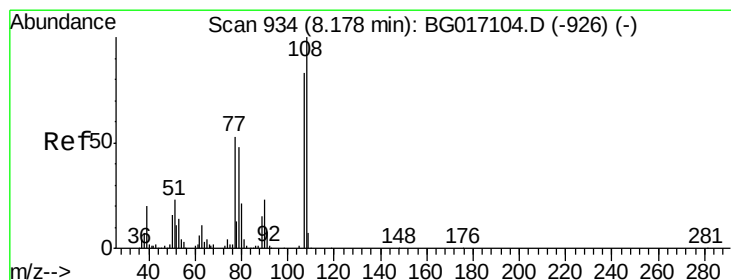
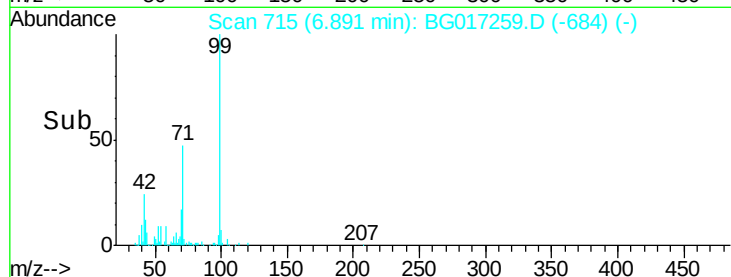
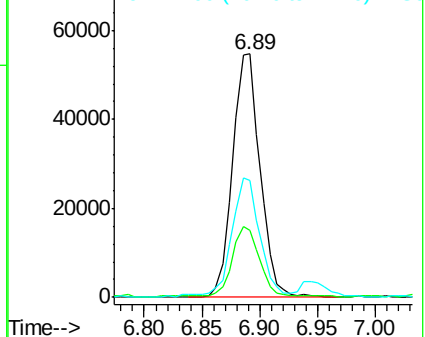
99 100

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

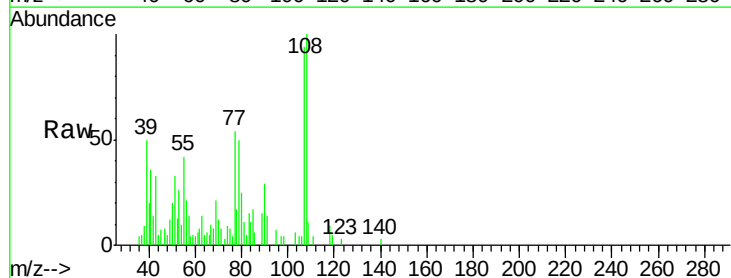
Ion Ratio Lower Upper

107 100

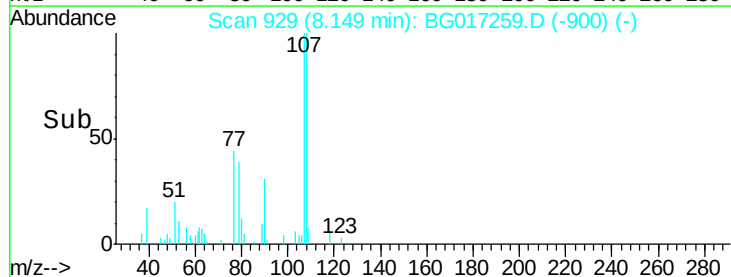
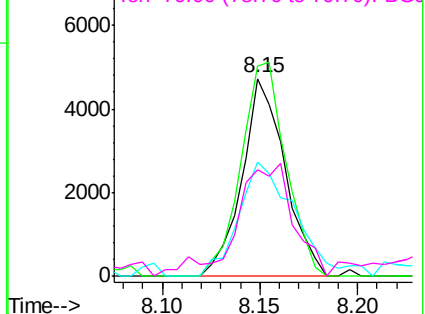
108 106.1 96.6 144.8

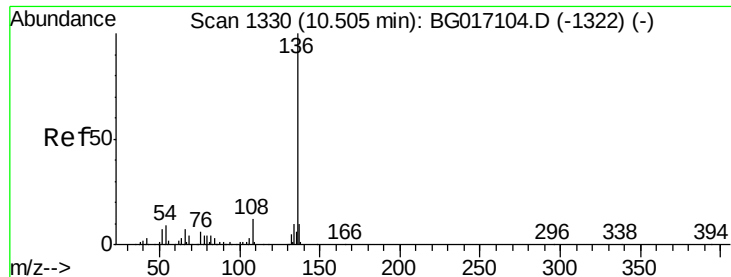
77 57.4 51.2 76.8

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

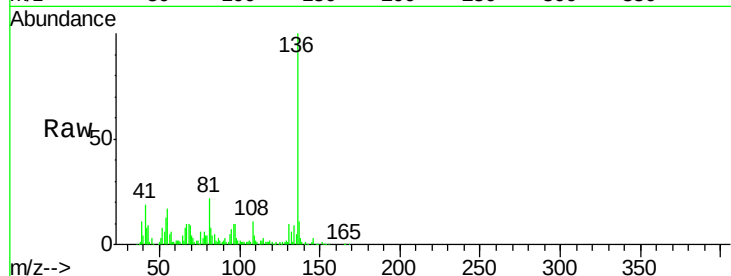




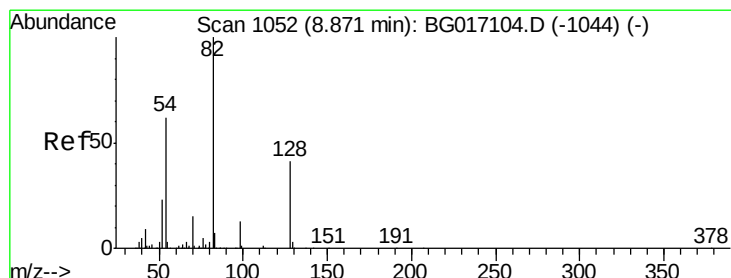
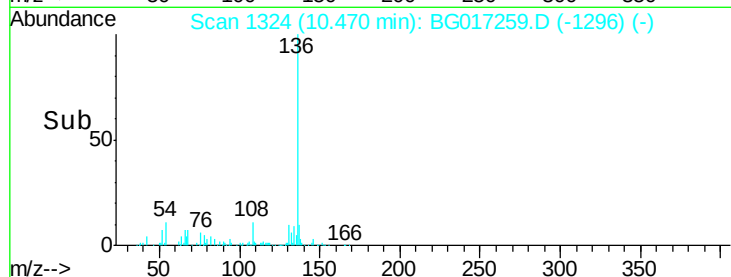
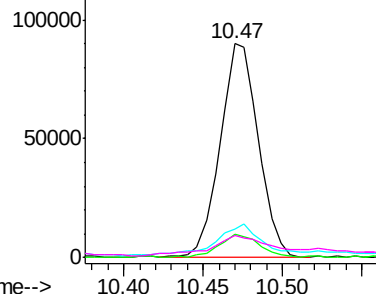
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Instrument :
BNA_G
ClientSampleId :
VE3-1

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#

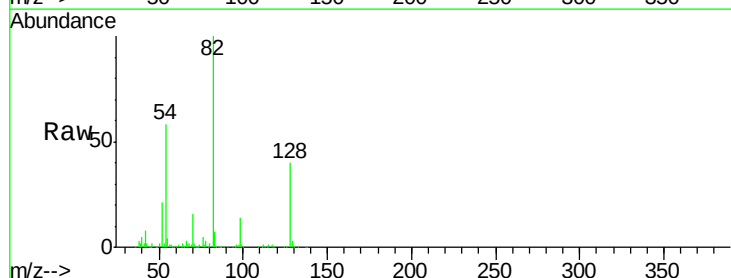


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

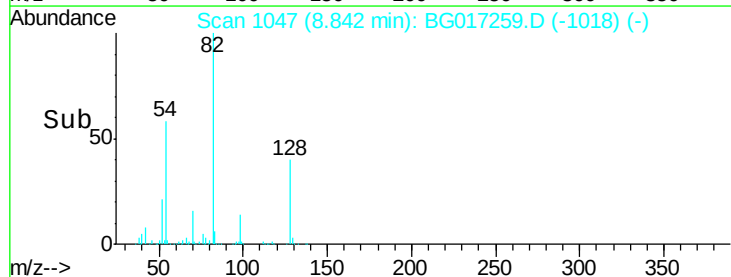
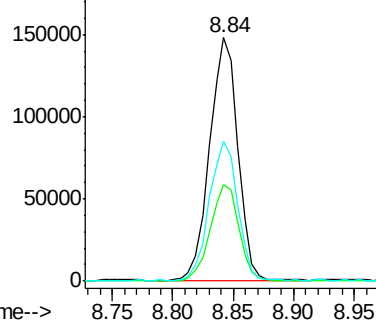


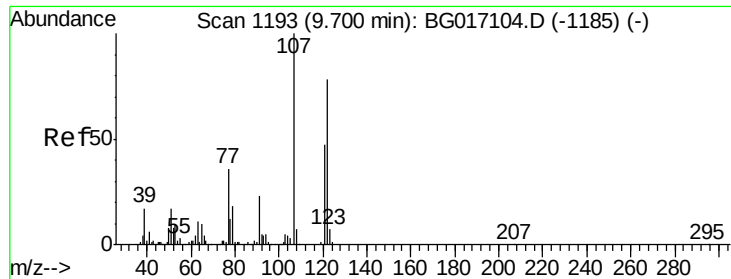
#23
Nitrobenzene-d5
Concen: 74.72 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Tgt Ion:	82	Resp:	239251
Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.6	49.0
54	57.7	49.6	74.4



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

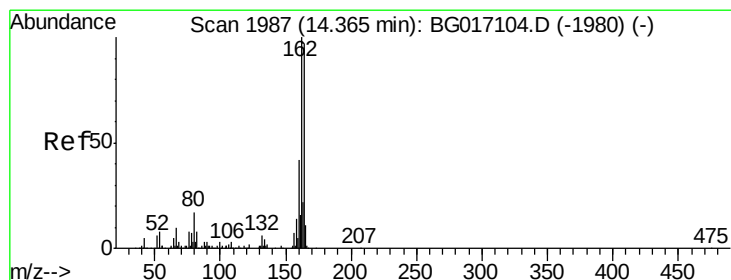
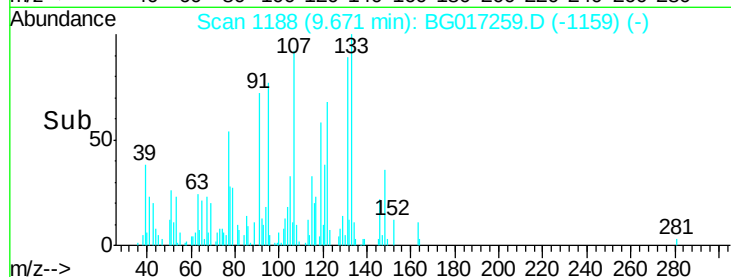
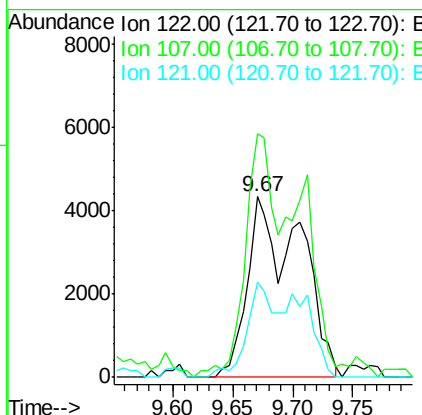
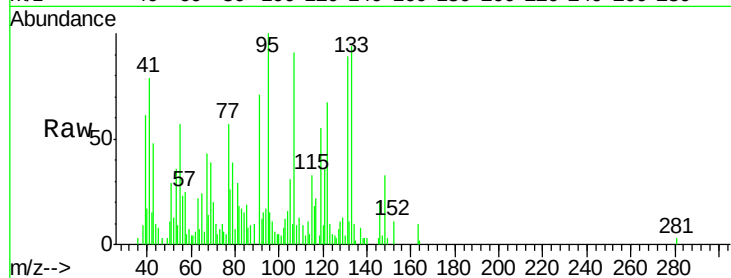




#27
2,4-Dimethylphenol
Concen: 5.69 ng m
RT: 9.67 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

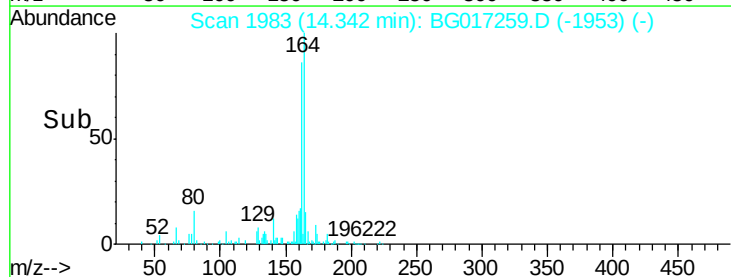
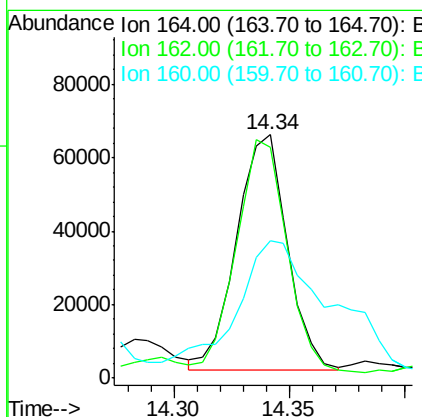
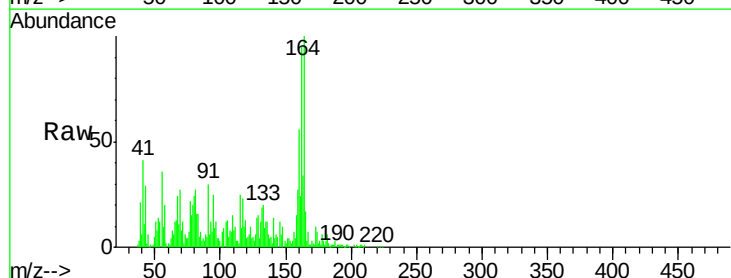
Instrument :
BNA_G
ClientSampleId :
VE3-1

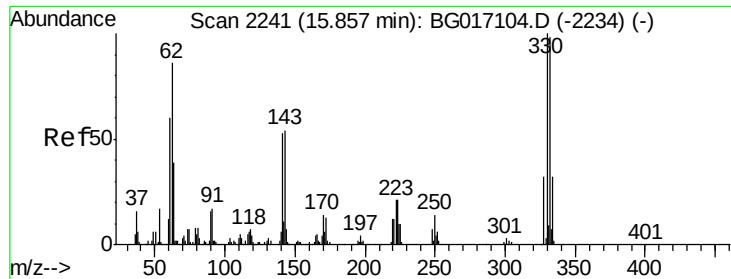
Tgt Ion	Ratio	Lower	Upper
122	100		
107	134.7	102.3	153.5
121	52.9	48.7	73.1



#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	Ratio	Lower	Upper
164	100		
162	95.0	82.1	123.1
160	56.4	34.8	52.2#

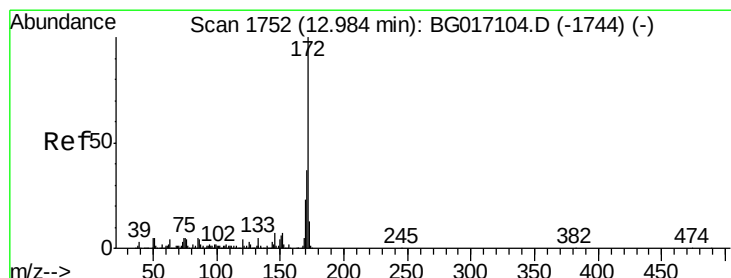
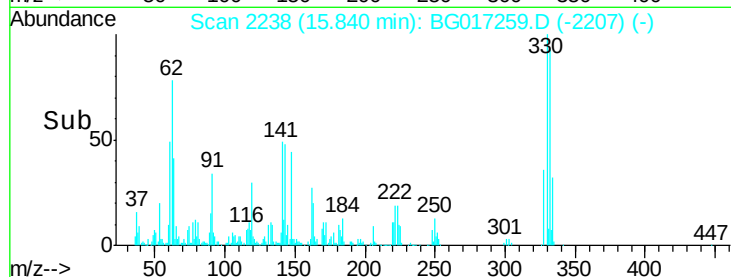
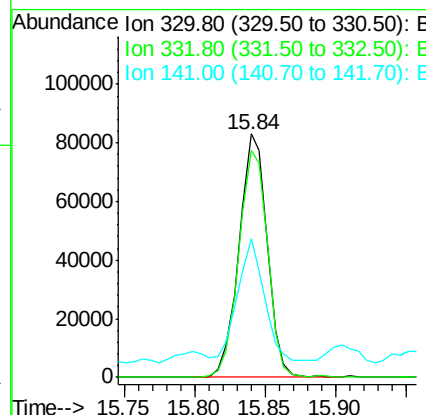
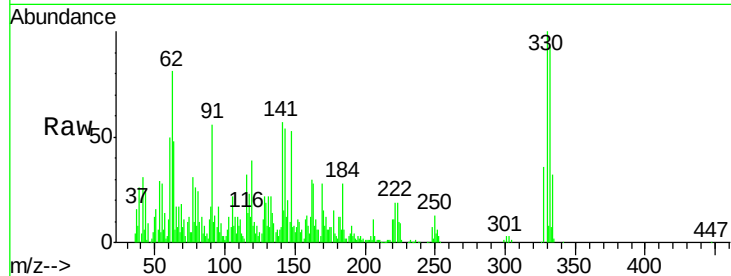




#41
2,4,6-Tribromophenol
Concen: 96.59 ng
RT: 15.84 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

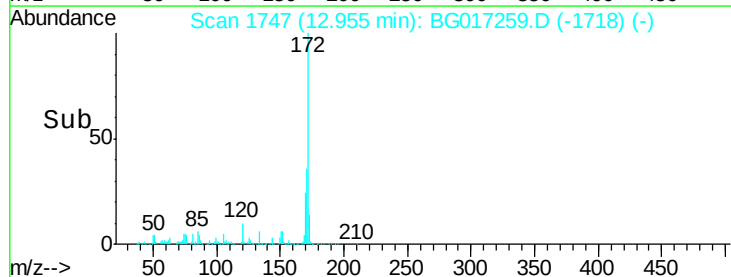
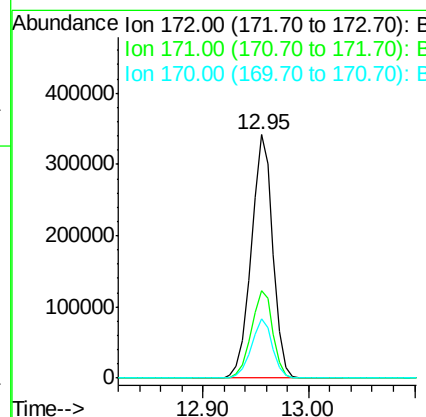
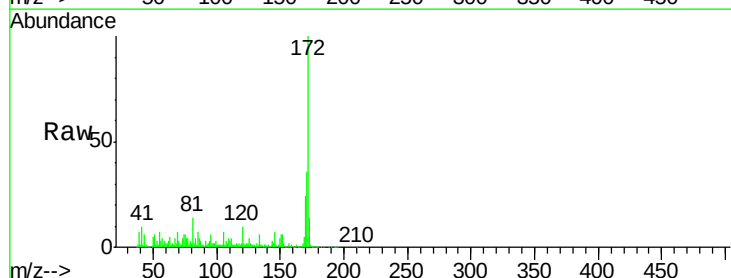
Instrument :
BNA_G
ClientSampleId :
VE3-1

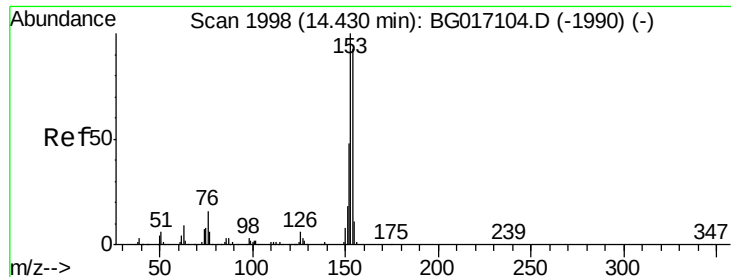
Tgt Ion:330 Resp: 115222
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 49.2 42.2 63.2



#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

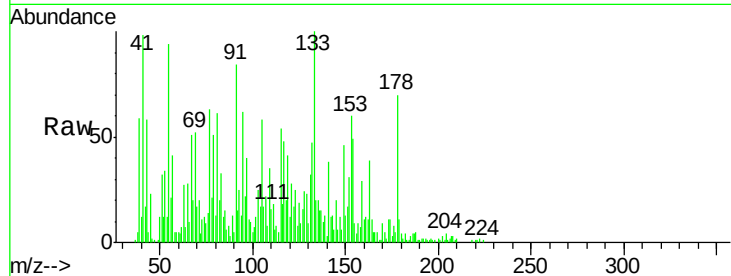
Tgt Ion:154 Resp: 20571

Ion Ratio Lower Upper

154 100

153 121.1 86.2 129.4

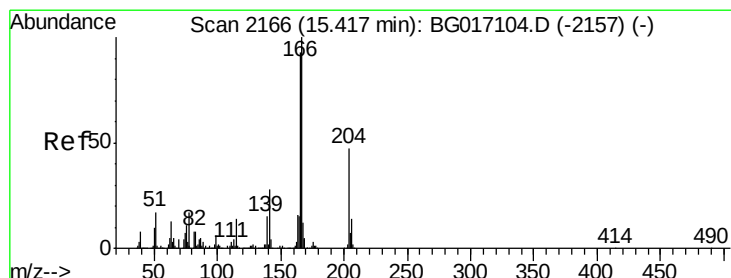
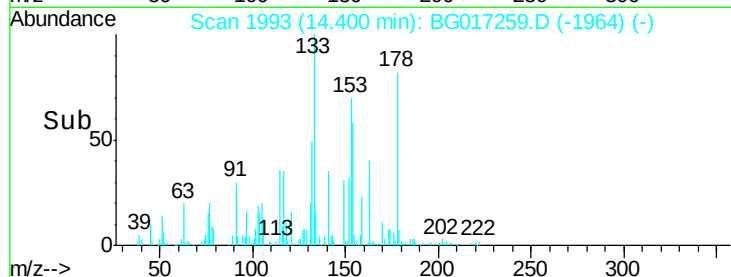
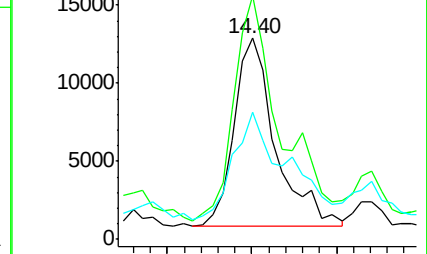
152 63.3 41.5 62.3#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#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

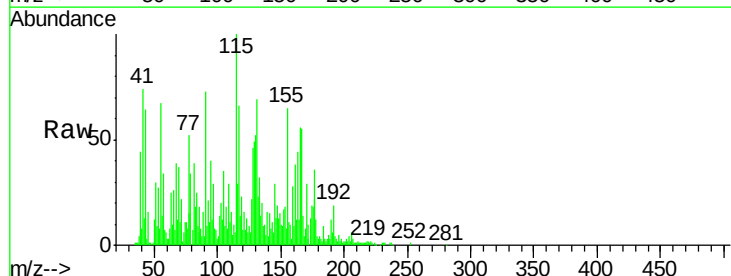
Tgt Ion:166 Resp: 23645

Ion Ratio Lower Upper

166 100

165 101.5 74.2 111.4

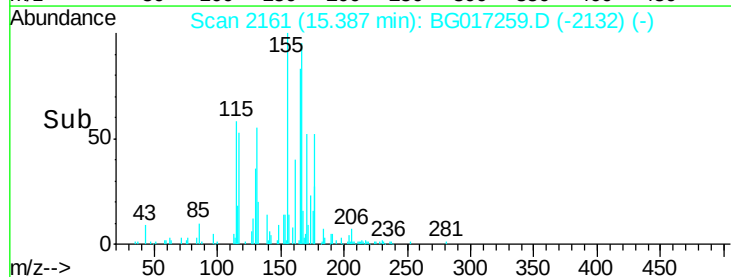
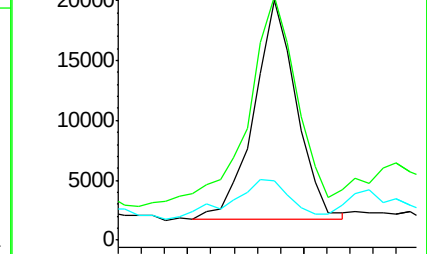
167 24.8 9.8 14.8#

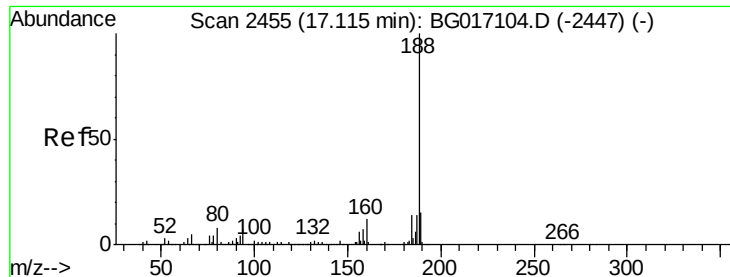


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

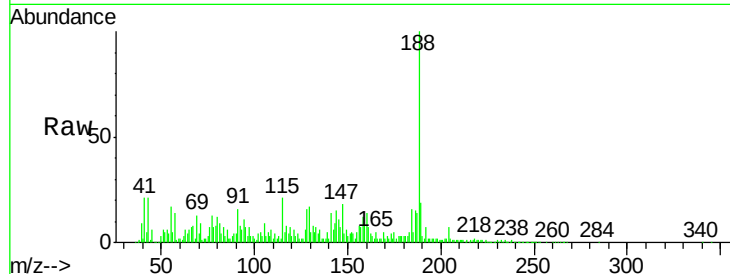




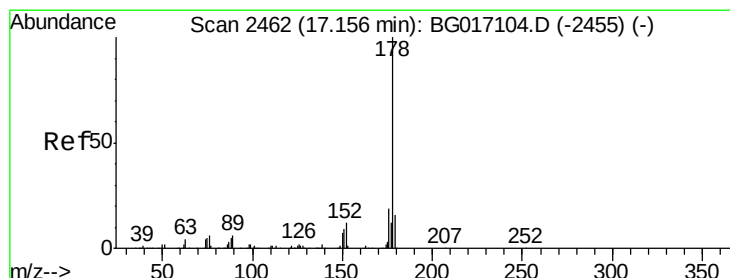
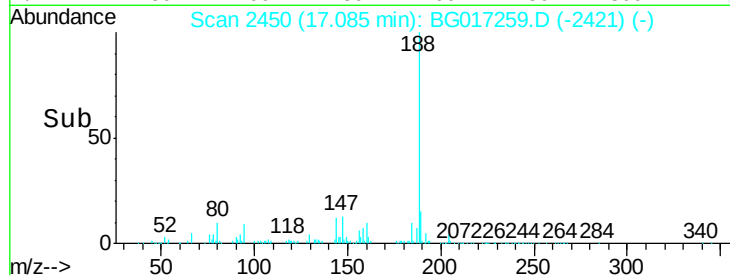
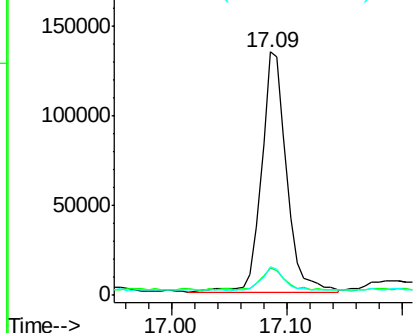
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2450
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

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#

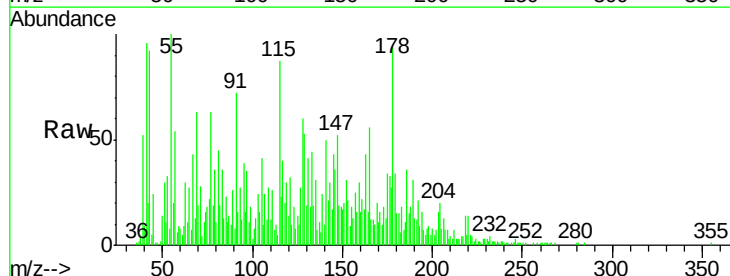


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

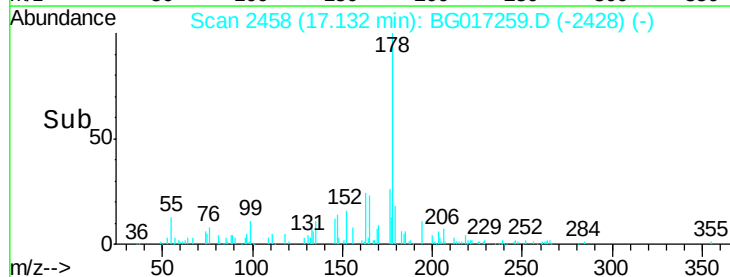
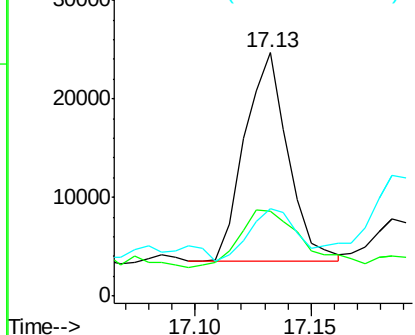


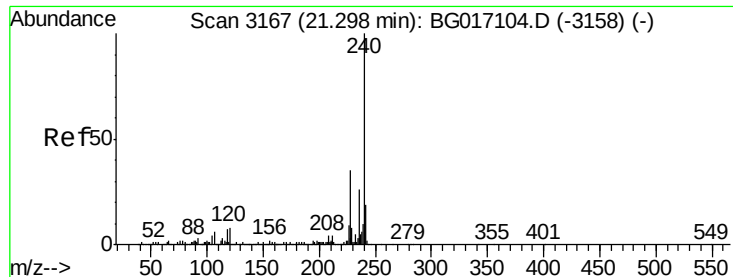
#70
Phenanthrene
Concen: 2.61 ng
RT: 17.13 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

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#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#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

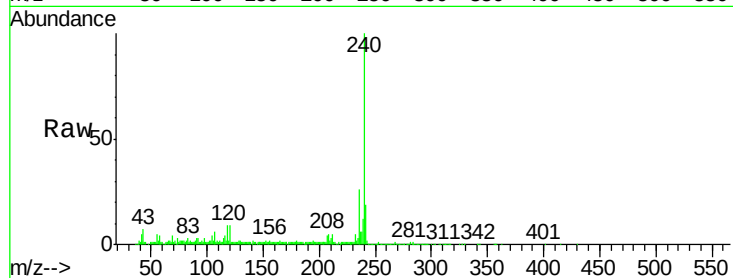
Tgt Ion:240 Resp: 201169

Ion Ratio Lower Upper

240 100

120 9.0 6.0 9.0

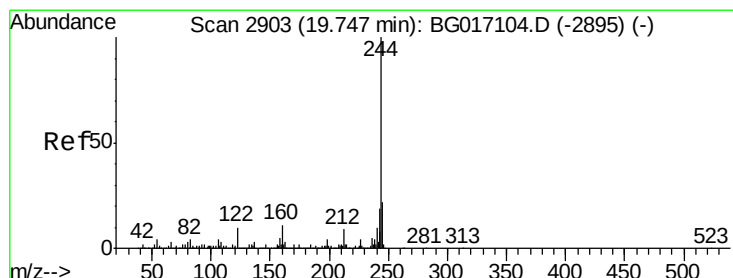
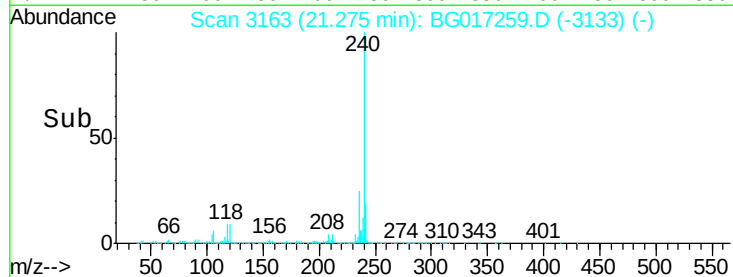
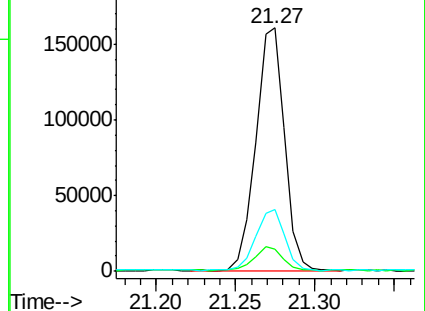
236 25.6 20.5 30.7



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

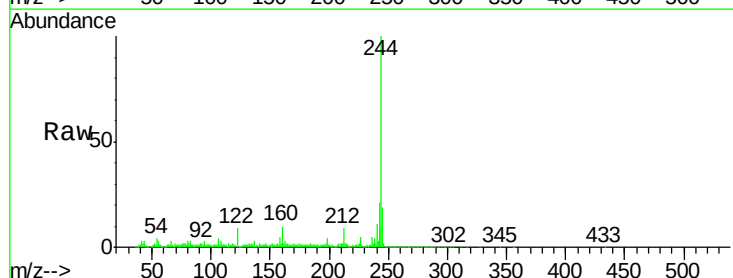
Tgt Ion:244 Resp: 649405

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

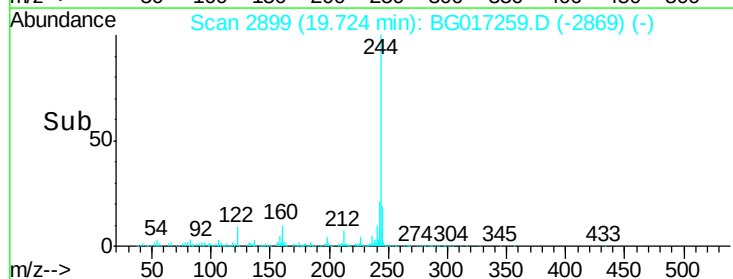
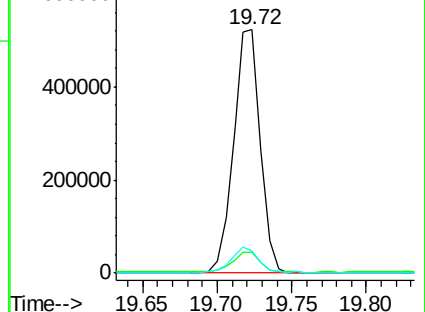
122 9.1 8.4 12.6

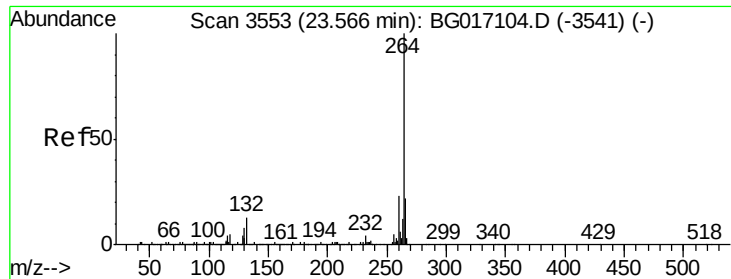


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

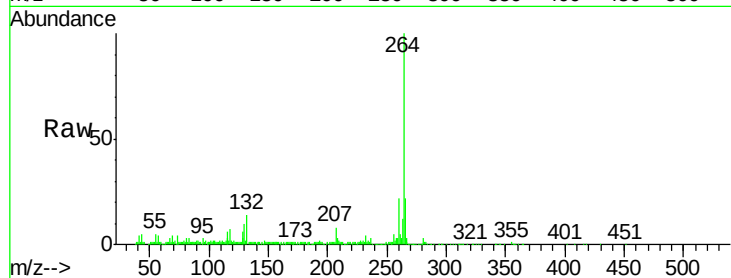




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3546
Delta R.T. -0.04 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

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



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

