

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052215\
 Data File : BG017260.D
 Acq On : 23 May 2015 1:36
 Operator : TP/IZ
 Sample : G2353-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE4-11

Quant Time: May 23 07:13:03 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

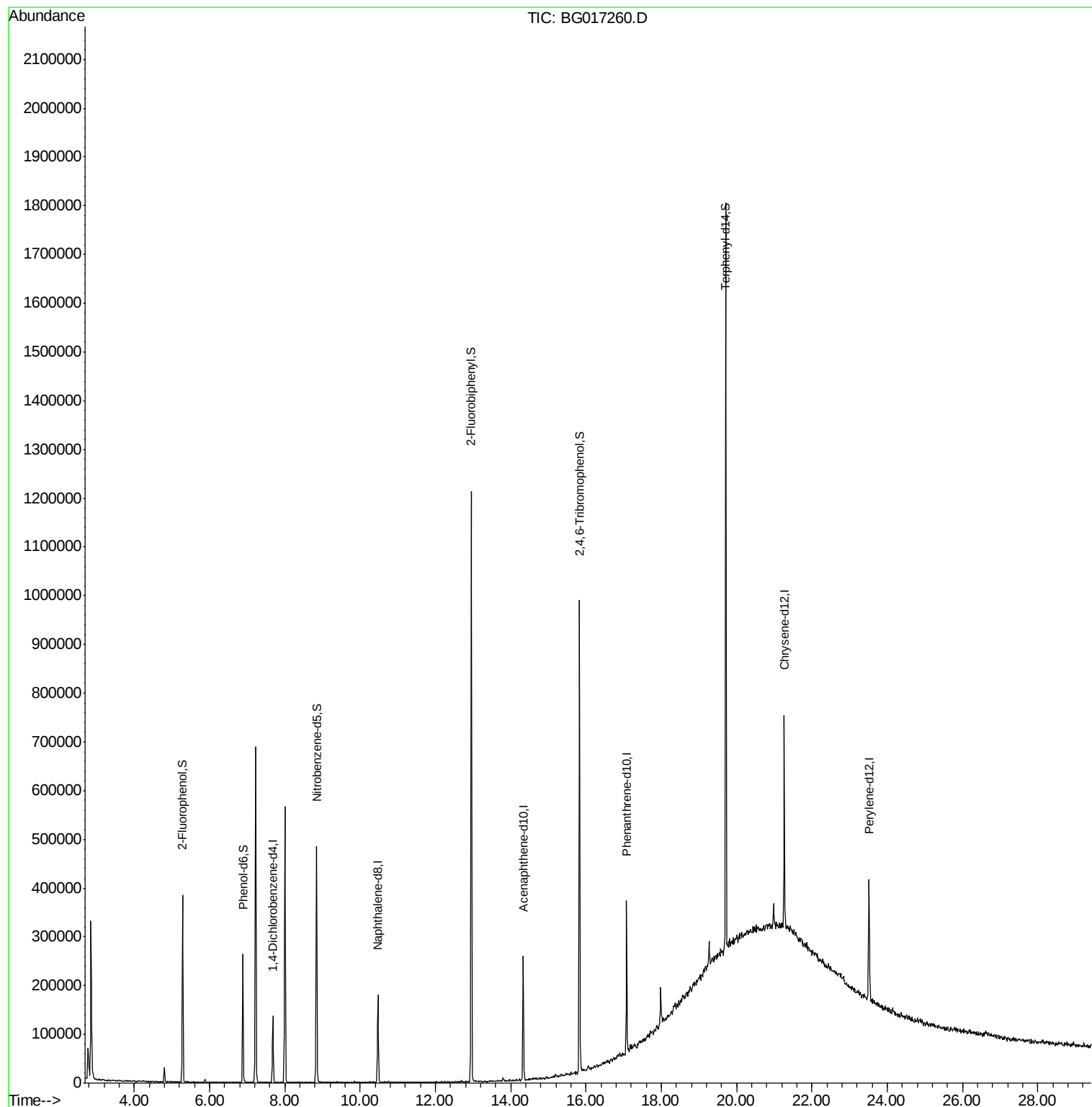
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	32946	20.00	ng	-0.02
21) Naphthalene-d8	10.47	136	136298	20.00	ng	-0.03
38) Acenaphthene-d10	14.33	164	78741	20.00	ng	-0.03
63) Phenanthrene-d10	17.08	188	167033	20.00	ng	-0.04
75) Chrysene-d12	21.27	240	178800	20.00	ng	-0.03
86) Perylene-d12	23.52	264	177725	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	145816	78.53	ng	-0.02
7) Phenol-d6	6.89	99	125097	48.01	ng	-0.02
23) Nitrobenzene-d5	8.84	82	261020	89.41	ng	-0.03
41) 2,4,6-Tribromophenol	15.83	330	140891	148.02	ng	-0.03
44) 2-Fluorobiphenyl	12.95	172	527327	98.27	ng	-0.03
78) Terphenyl-d14	19.71	244	591146	68.90	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.88	77	77	Below Cal	Qvalue #	6

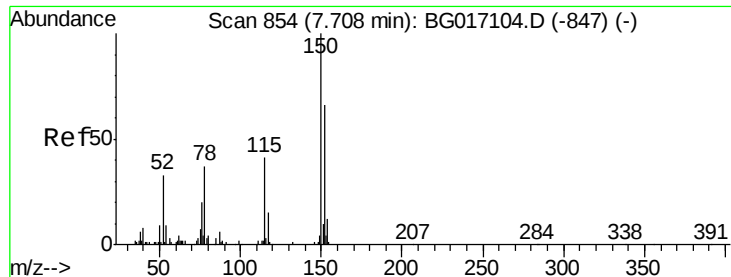
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017260.D

Acq: 23 May 2015 1:36

Instrument :

BNA_G

ClientSampleId :

VE4-11

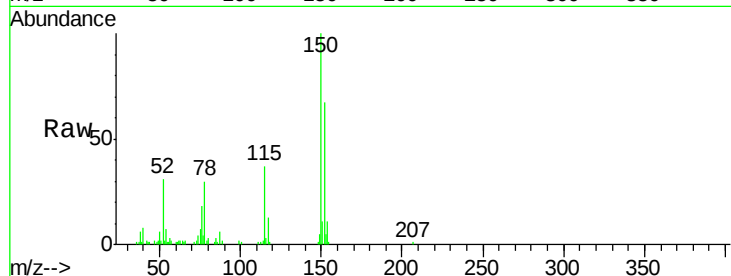
Tgt Ion:152 Resp: 32946

Ion Ratio Lower Upper

152 100

150 150.2 120.8 181.2

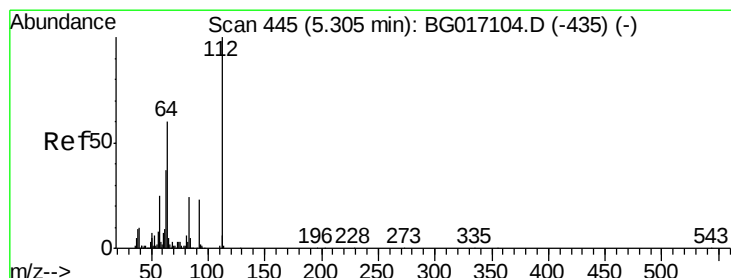
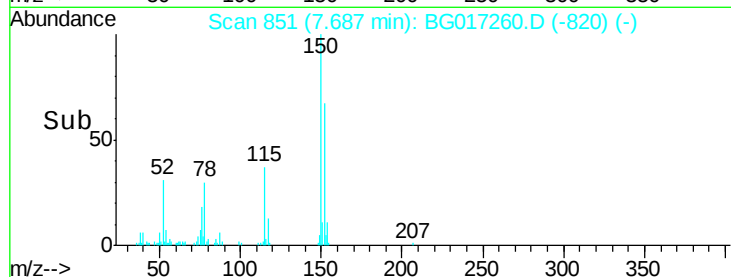
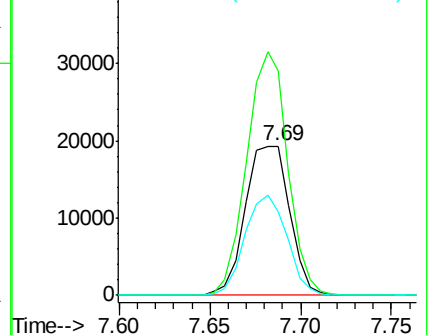
115 56.1 49.4 74.2



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: 78.53 ng

RT: 5.28 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG017260.D

Acq: 23 May 2015 1:36

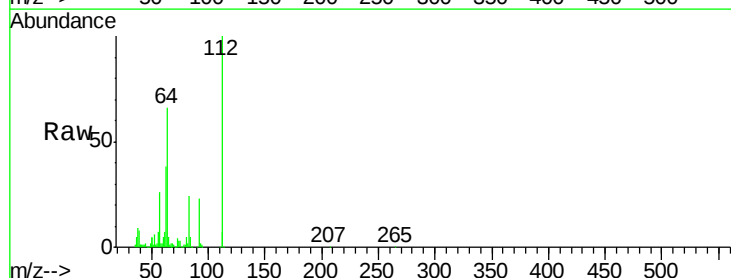
Tgt Ion:112 Resp: 145816

Ion Ratio Lower Upper

112 100

64 66.3 48.1 72.1

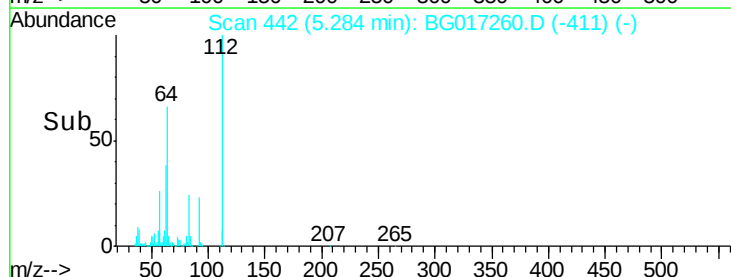
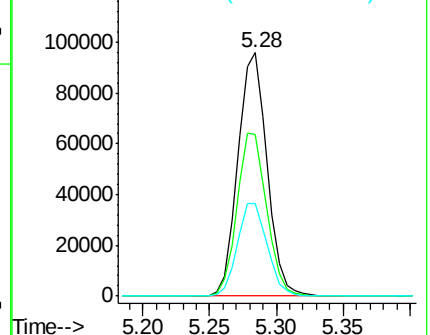
63 38.3 29.8 44.8

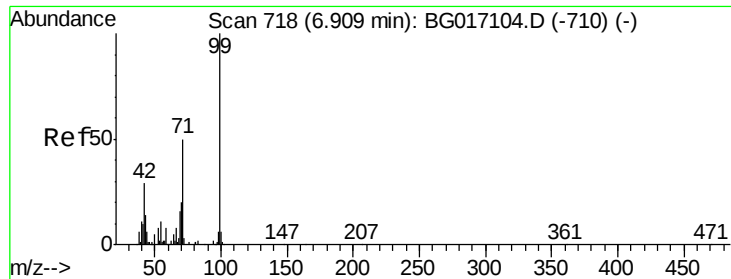


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 48.01 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG017260.D

Acq: 23 May 2015 1:36

Instrument :

BNA_G

ClientSampleId :

VE4-11

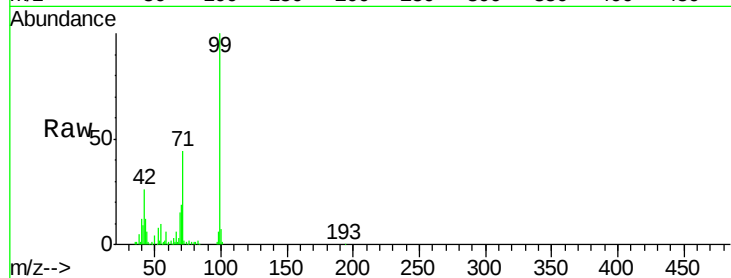
Tgt Ion: 99 Resp: 125097

Ion Ratio Lower Upper

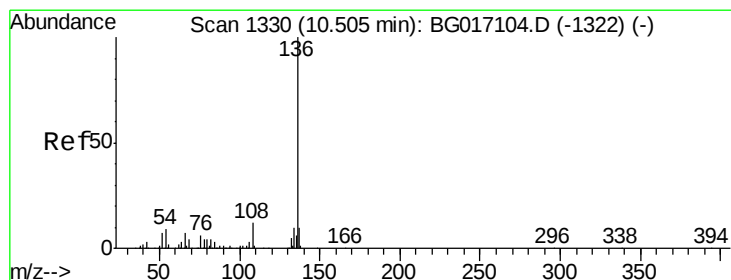
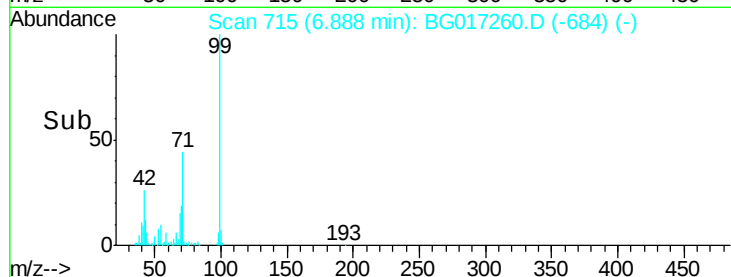
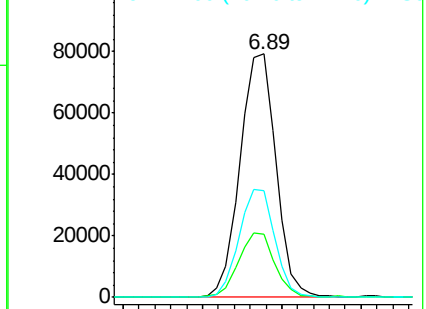
99 100

42 25.9 23.5 35.3

71 43.8 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BG017260.D

Acq: 23 May 2015 1:36

Tgt Ion: 136 Resp: 136298

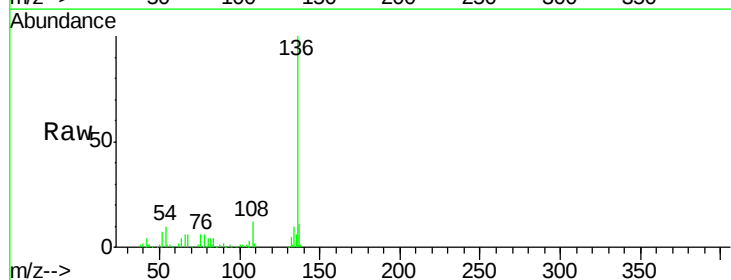
Ion Ratio Lower Upper

136 100

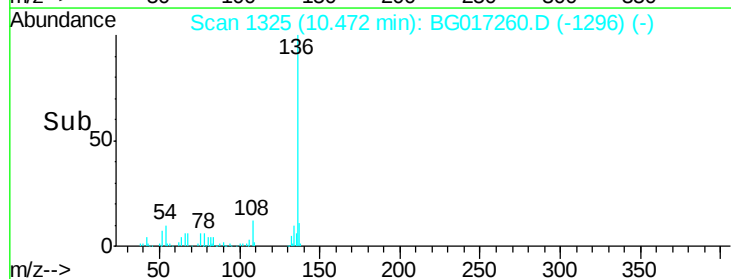
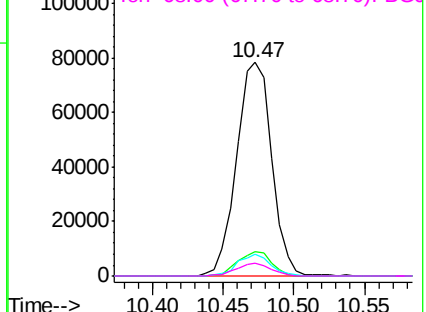
137 11.4 8.3 12.5

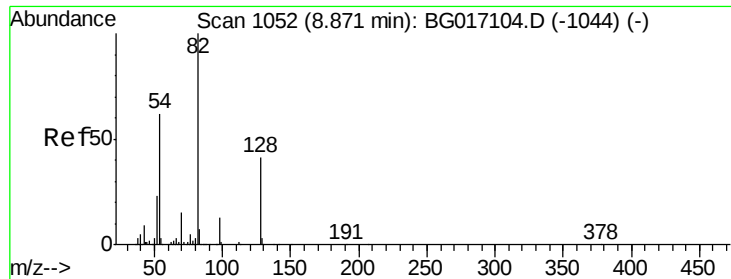
54 9.9 7.4 11.2

68 6.0 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

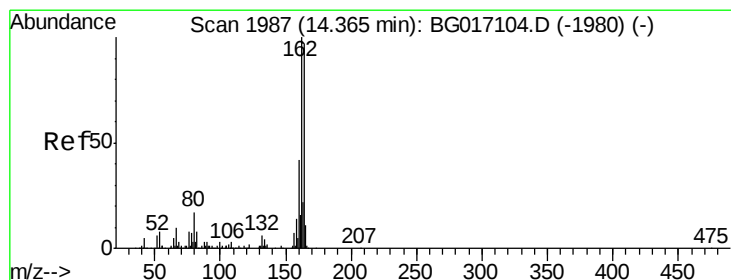
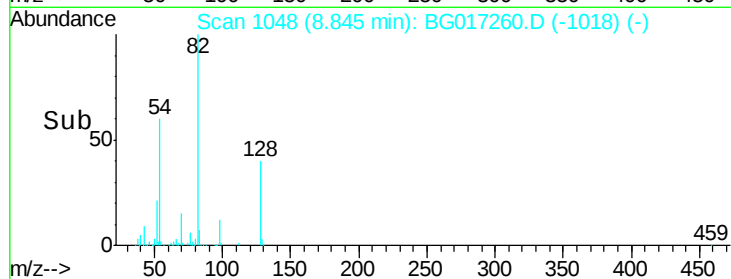
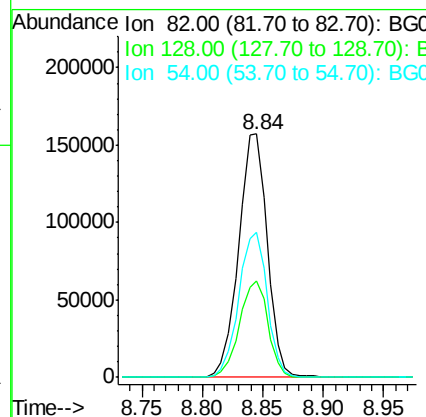
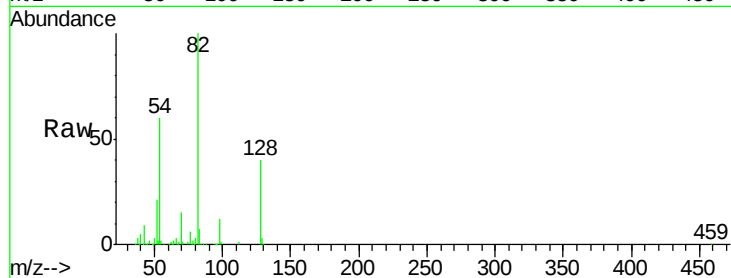




#23
 Nitrobenzene-d5
 Concen: 89.41 ng
 RT: 8.84 min Scan# 1048
 Delta R.T. -0.03 min
 Lab File: BG017260.D
 Acq: 23 May 2015 1:36

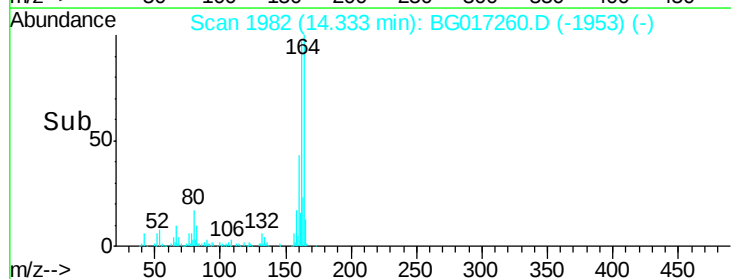
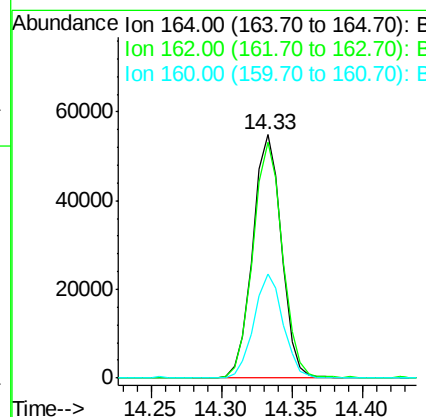
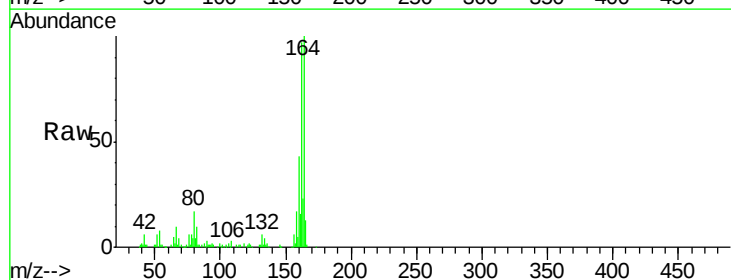
Instrument :
 BNA_G
 ClientSampleId :
 VE4-11

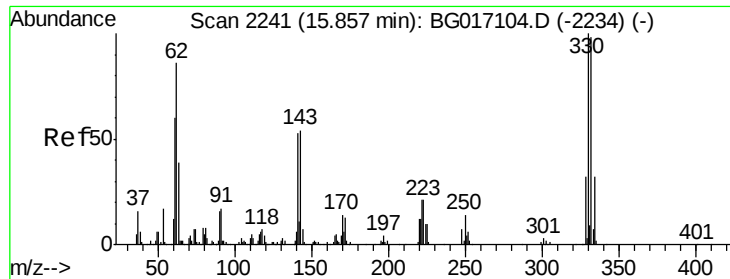
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.6	49.0
54	59.8	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. -0.03 min
 Lab File: BG017260.D
 Acq: 23 May 2015 1:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	82.1	123.1
160	42.7	34.8	52.2

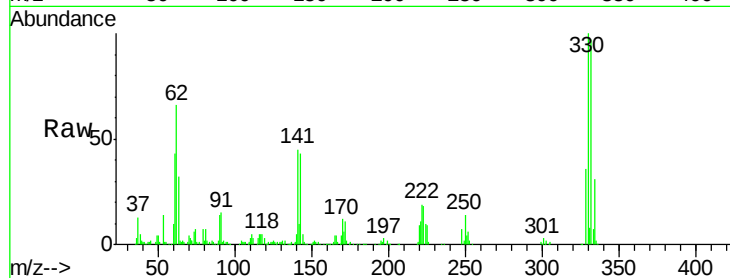




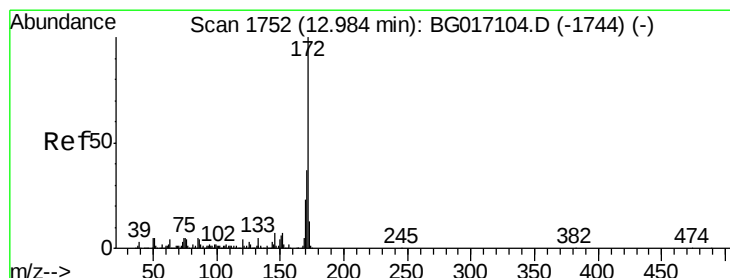
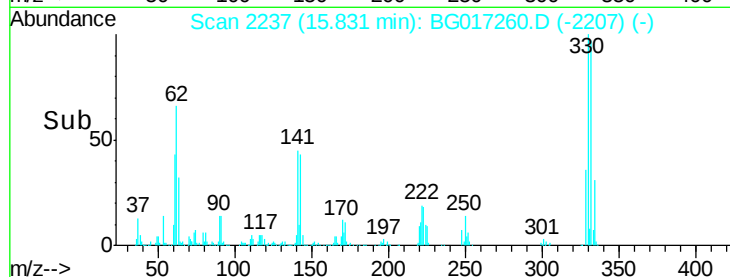
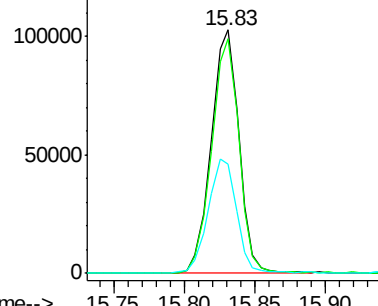
#41
 2,4,6-Tribromophenol
 Concen: 148.02 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. -0.03 min
 Lab File: BG017260.D
 Acq: 23 May 2015 1:36

Instrument :
 BNA_G
 ClientSampleId :
 VE4-11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	49.1	42.2	63.2

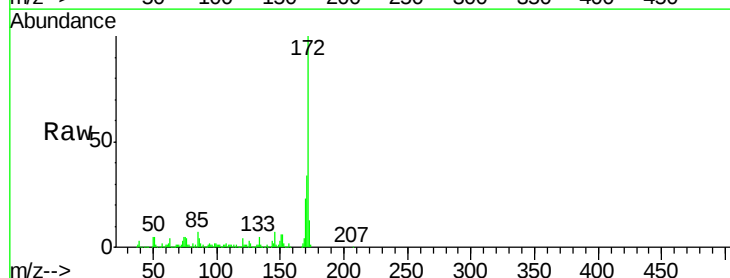


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

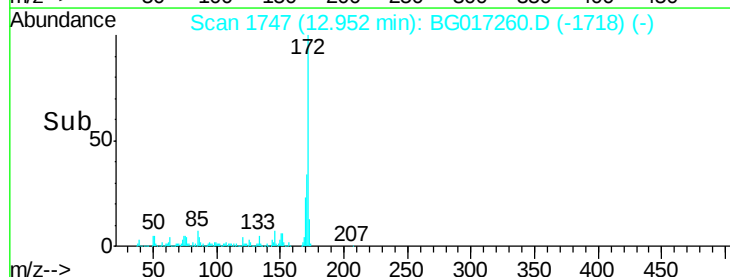
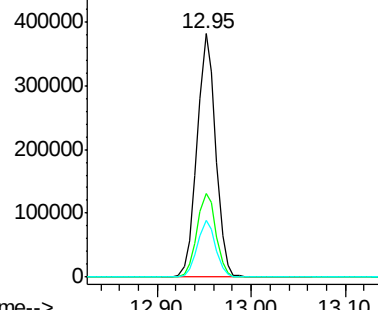


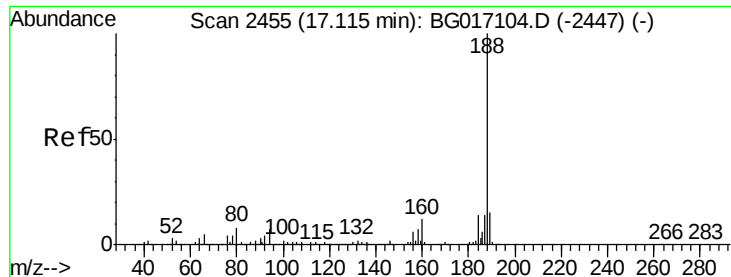
#44
 2-Fluorobiphenyl
 Concen: 98.27 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.03 min
 Lab File: BG017260.D
 Acq: 23 May 2015 1:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.1	18.4	27.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

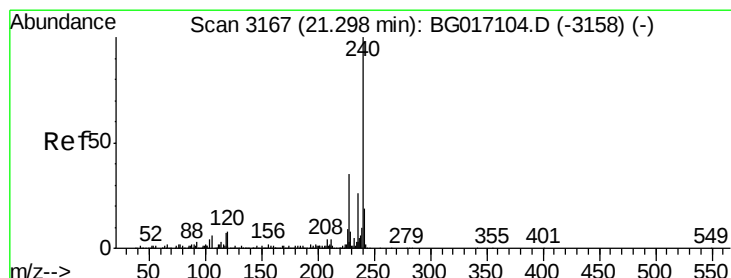
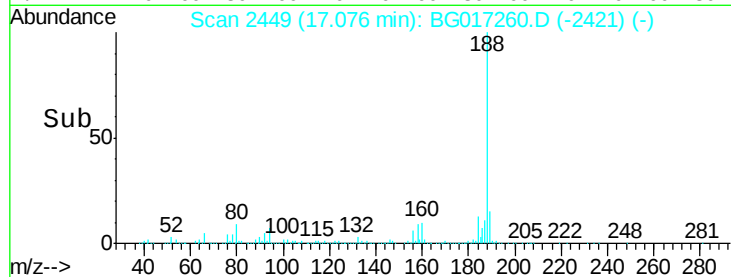
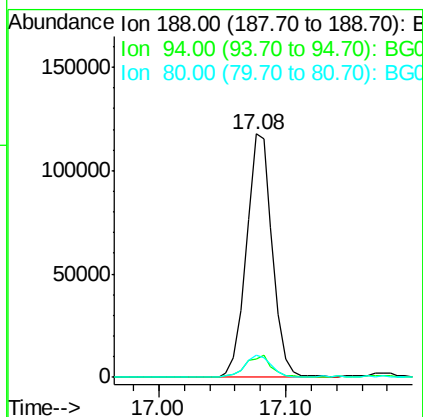
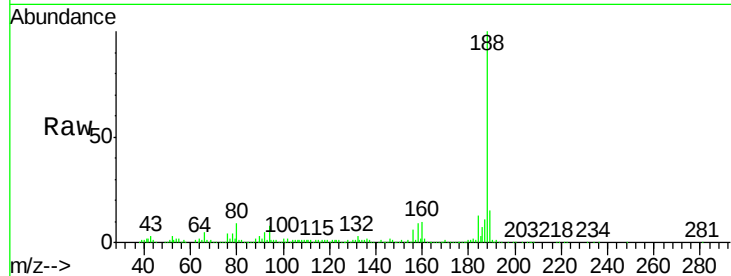




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.04 min
Lab File: BG017260.D
Acq: 23 May 2015 1:36

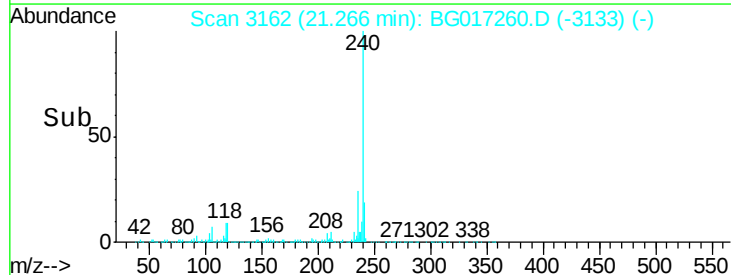
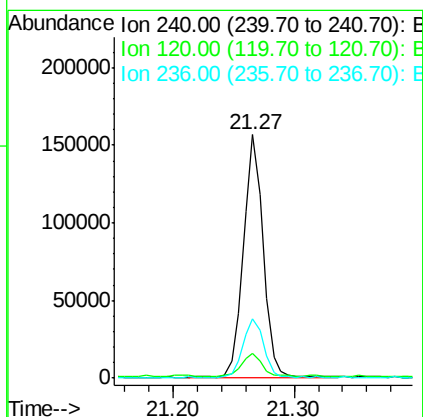
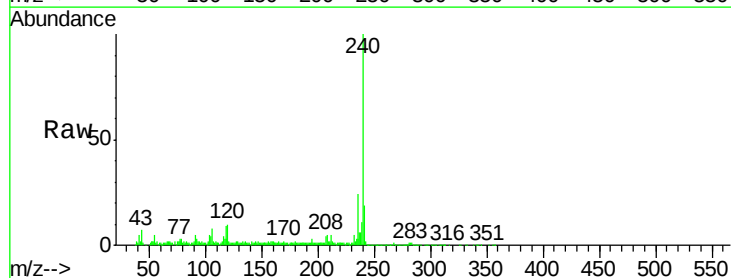
Instrument :
BNA_G
ClientSampleId :
VE4-11

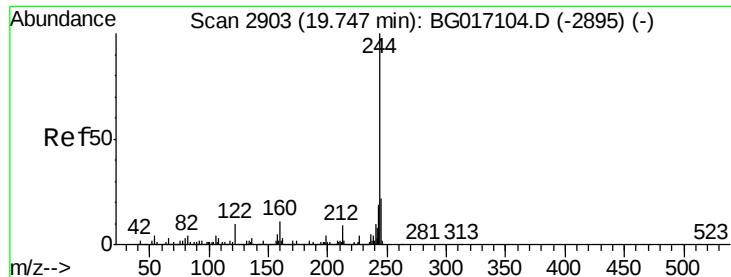
Tgt Ion:188 Resp: 167033
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 8.9 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.03 min
Lab File: BG017260.D
Acq: 23 May 2015 1:36

Tgt Ion:240 Resp: 178800
Ion Ratio Lower Upper
240 100
120 10.2 6.0 9.0#
236 24.4 20.5 30.7





#78

Terphenyl-d14

Concen: 68.90 ng

RT: 19.71 min Scan# 2898

Delta R.T. -0.03 min

Lab File: BG017260.D

Acq: 23 May 2015 1:36

Instrument :

BNA_G

ClientSampleId :

VE4-11

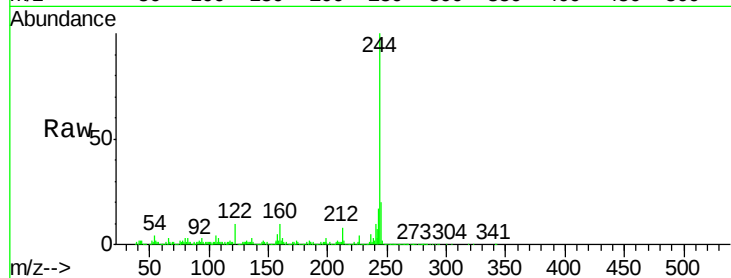
Tgt Ion:244 Resp: 591146

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

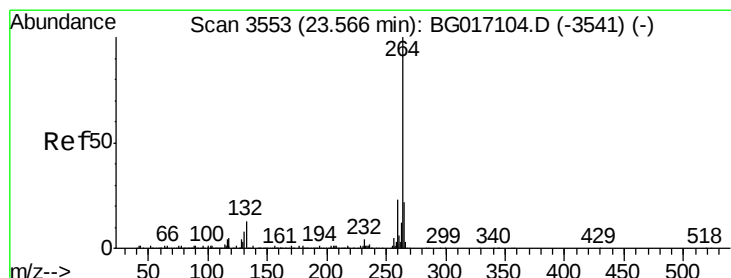
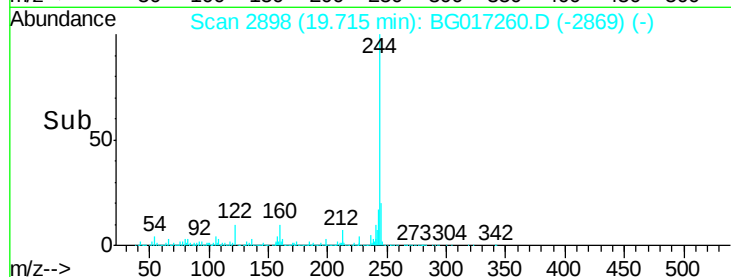
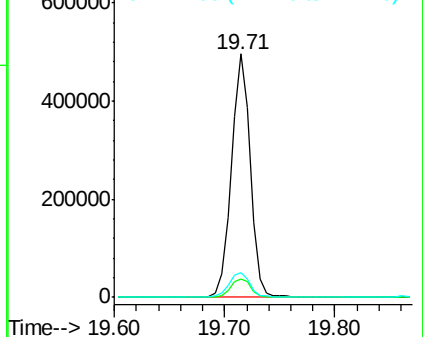
122 10.3 8.4 12.6



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: BG017260.D

Acq: 23 May 2015 1:36

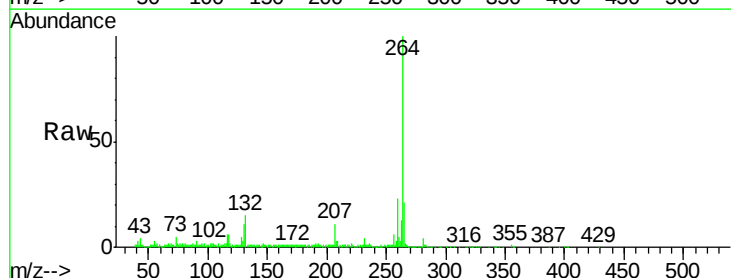
Tgt Ion:264 Resp: 177725

Ion Ratio Lower Upper

264 100

260 22.9 18.0 27.0

265 20.8 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

