

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052615\
 Data File : BG017293.D
 Acq On : 27 May 2015 00:28
 Operator : TP/IZ
 Sample : G2383-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HF-3(7.5-8)

Quant Time: May 27 03:26:04 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

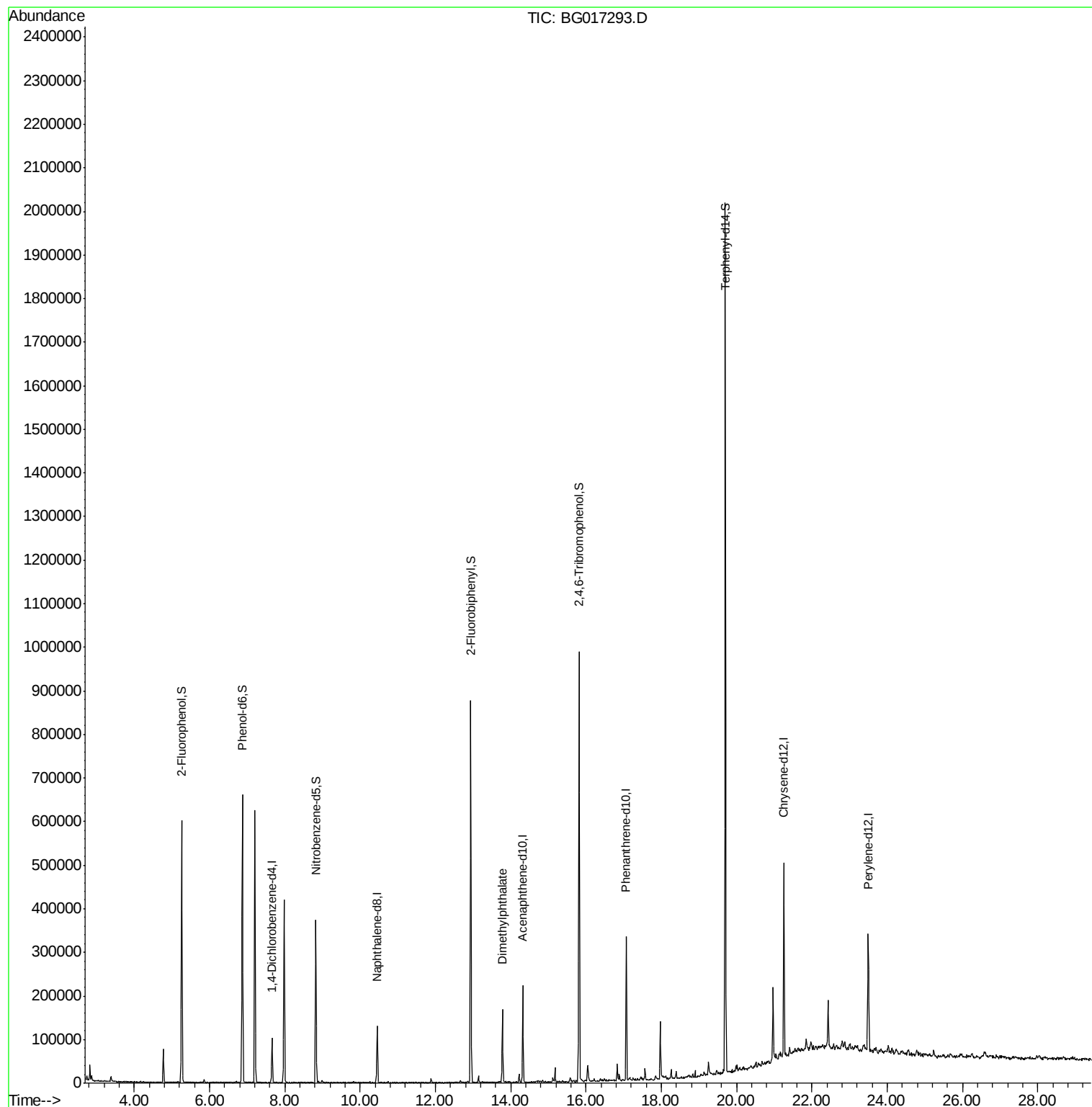
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	22899	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	97953	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	68003	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	173511	20.00	ng	0.00
75) Chrysene-d12	21.25	240	190472	20.00	ng	0.00
86) Perylene-d12	23.50	264	188344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	212679	164.78	ng	0.00
7) Phenol-d6	6.87	99	286402	158.13	ng	0.00
23) Nitrobenzene-d5	8.82	82	191823	91.43	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	146945	178.76	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	388219	83.77	ng	0.00
78) Terphenyl-d14	19.70	244	782407	85.60	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.78	163	87714	16.50	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG017293.D

Acq: 27 May 2015 00:28

Instrument :

BNA_G

ClientSampleId :

HF-3(7.5-8)

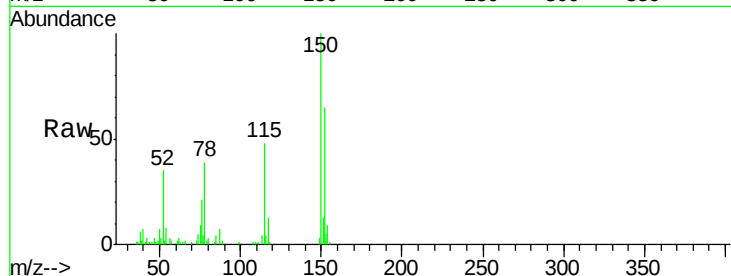
Tot Ion:152 Resp: 22899

Ion Ratio Lower Upper

152 100

150 152.9 120.8 181.2

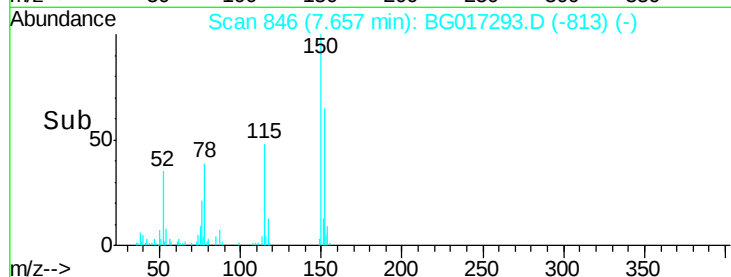
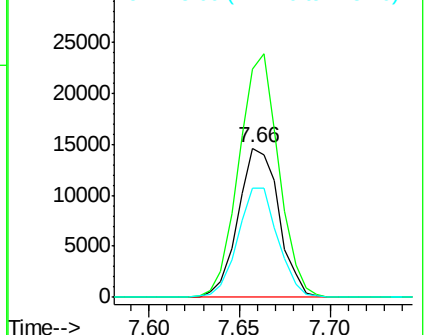
115 73.2 49.4 74.2



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: 164.78 ng

RT: 5.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG017293.D

Acq: 27 May 2015 00:28

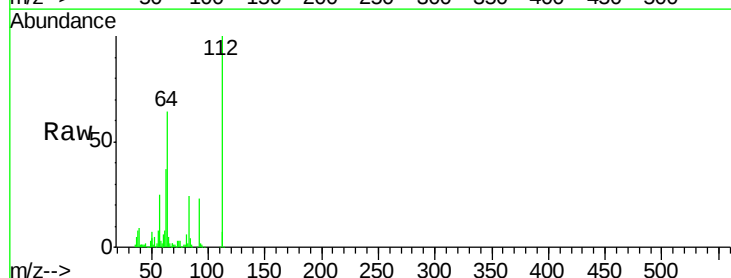
Tgt Ion:112 Resp: 212679

Ion Ratio Lower Upper

112 100

64 64.2 48.1 72.1

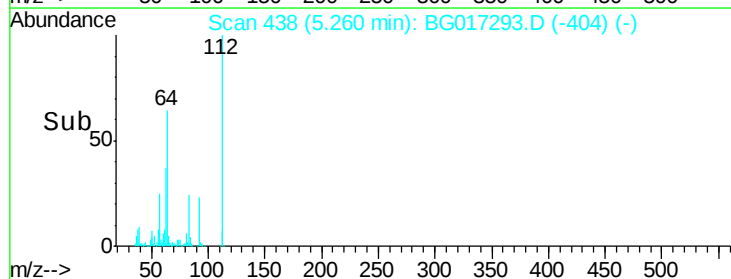
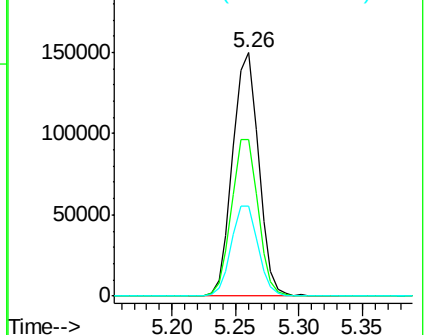
63 37.2 29.8 44.8

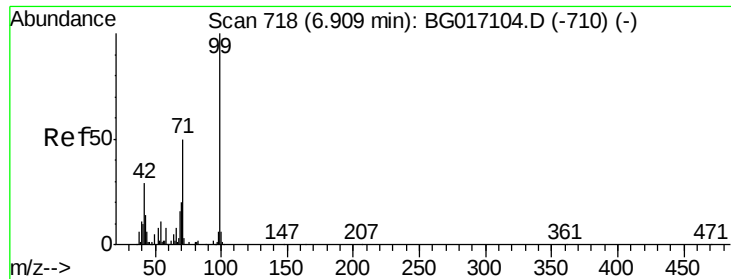


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 158.13 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG017293.D

Acq: 27 May 2015 00:28

Instrument :

BNA_G

ClientSampleId :

HF-3(7.5-8)

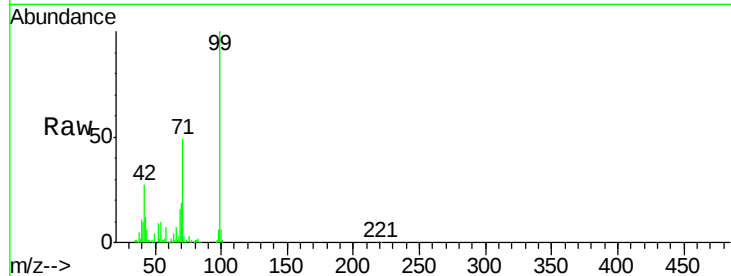
Tot Ion: 99 Resp: 286402

Ion Ratio Lower Upper

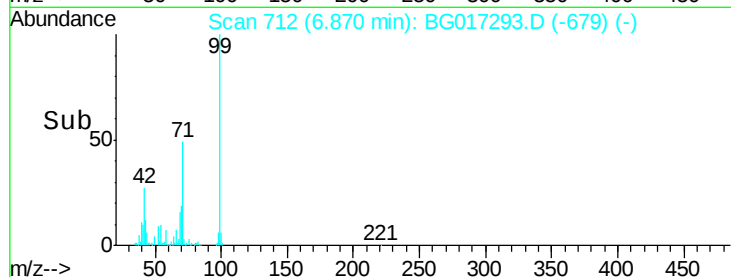
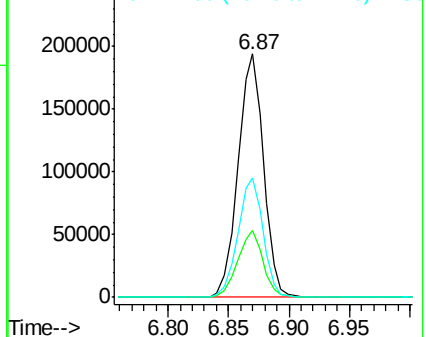
99 100

42 27.4 23.5 35.3

71 49.1 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: 10.45 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG017293.D

Acq: 27 May 2015 00:28

Tgt Ion: 136 Resp: 97953

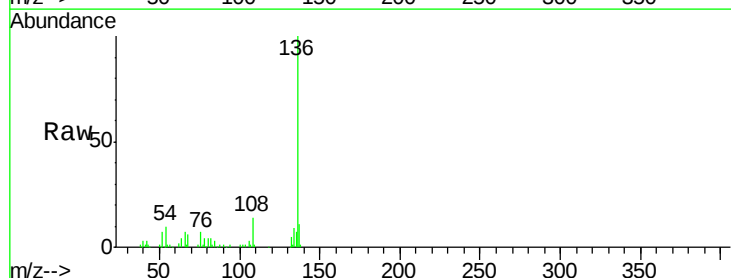
Ion Ratio Lower Upper

136 100

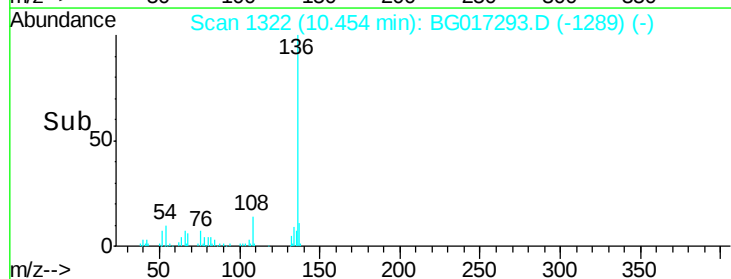
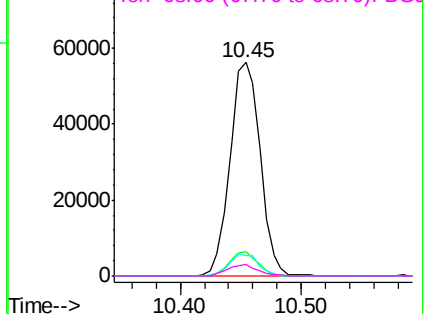
137 11.5 8.3 12.5

54 9.9 7.4 11.2

68 5.7 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

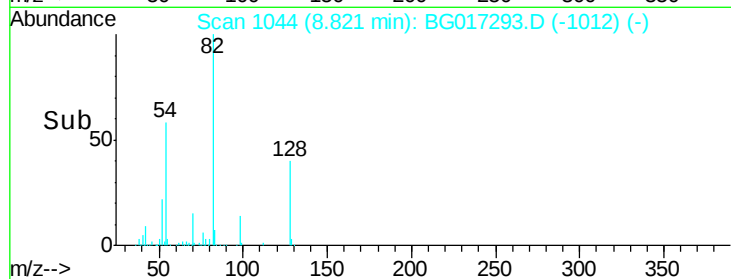
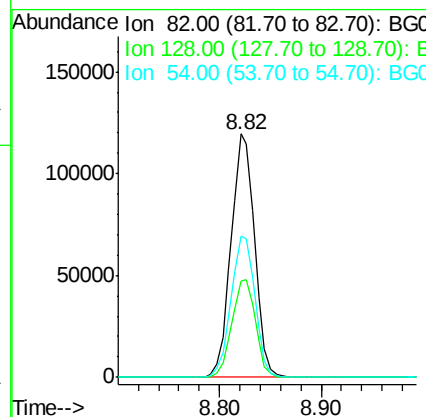
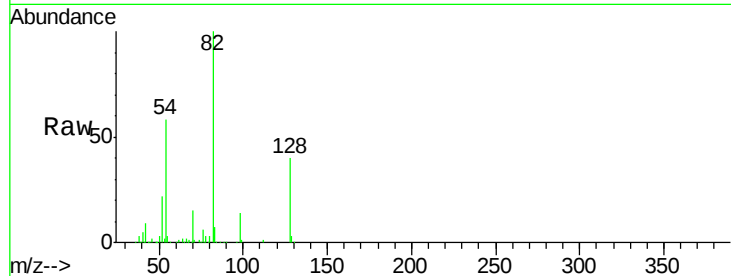




#23
 Nitrobenzene-d5
 Concen: 91.43 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG017293.D
 Acq: 27 May 2015 00:28

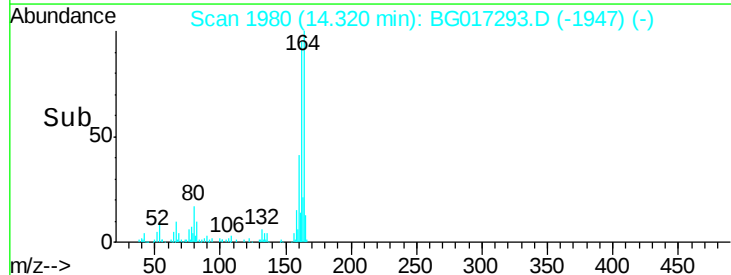
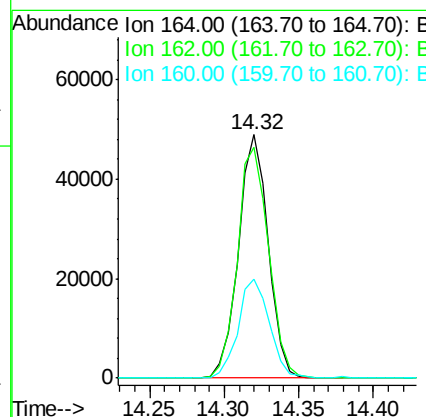
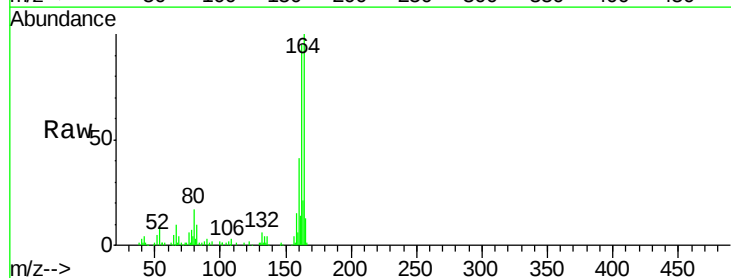
Instrument :
 BNA_G
 ClientSampleId :
 HF-3(7.5-8)

Tot Ion	82	Resp	191823
Ion Ratio	Lower	Upper	
82	100		
128	39.5	32.6	49.0
54	57.7	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG017293.D
 Acq: 27 May 2015 00:28

Tgt Ion	164	Resp	68003
Ion Ratio	Lower	Upper	
164	100		
162	94.8	82.1	123.1
160	40.8	34.8	52.2

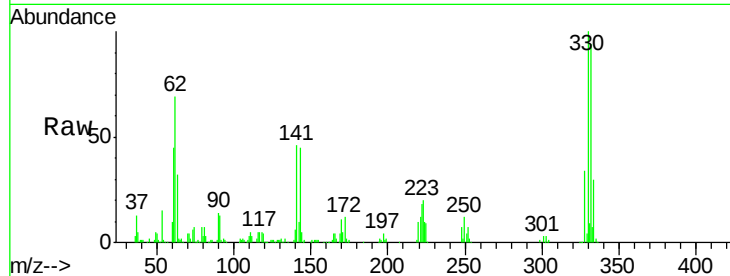




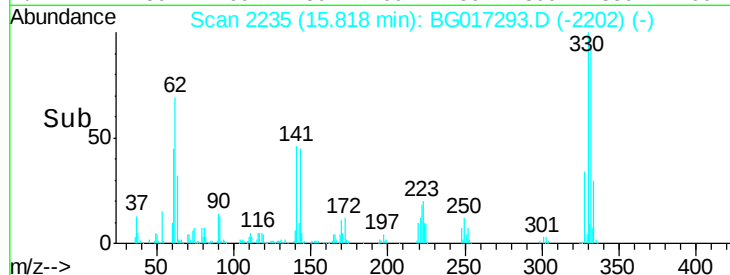
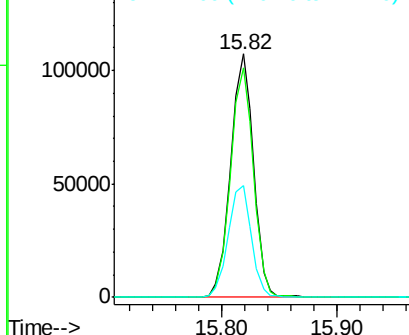
#41
 2,4,6-Tribromophenol
 Concen: 178.76 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG017293.D
 Acq: 27 May 2015 00:28

Instrument :
 BNA_G
 ClientSampleId :
 HF-3(7.5-8)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.9	115.3
141	47.0	42.2	63.2

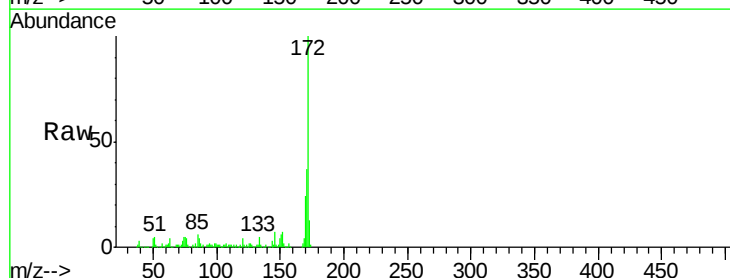


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

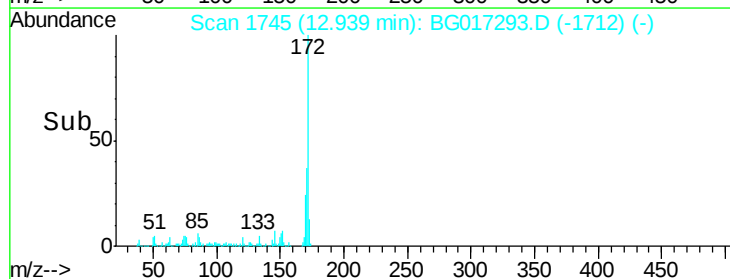
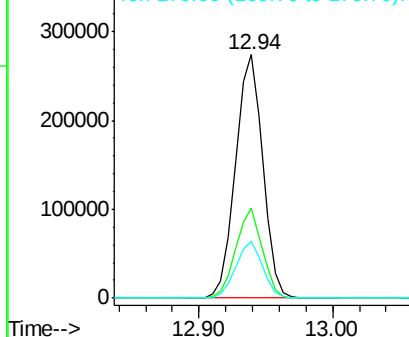


#44
 2-Fluorobiphenyl
 Concen: 83.77 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG017293.D
 Acq: 27 May 2015 00:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	23.5	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





#49

Dimethylphthalate

Concen: 16.50 ng

RT: 13.78 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG017293.D

Acq: 27 May 2015 00:28

Instrument :

BNA_G

ClientSampleId :

HF-3(7.5-8)

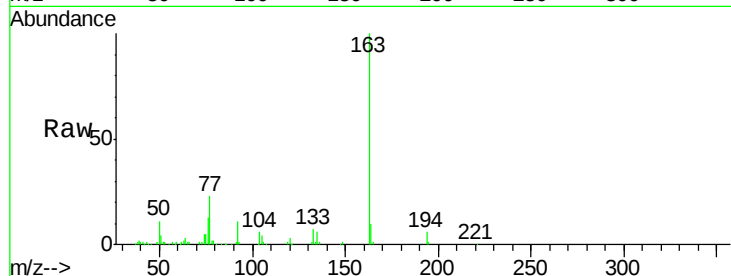
Tot Ion:163 Resp: 87714

Ion Ratio Lower Upper

163 100

194 6.4 5.6 8.4

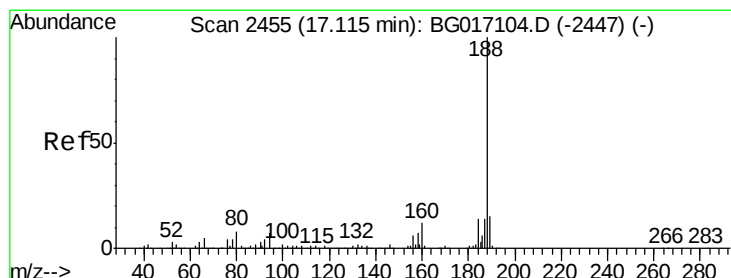
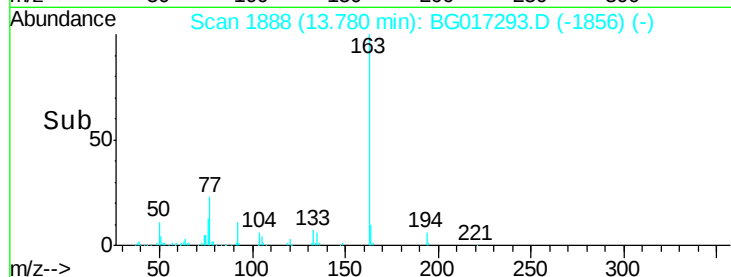
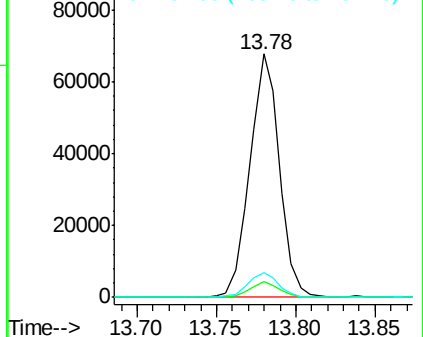
164 10.0 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG017293.D

Acq: 27 May 2015 00:28

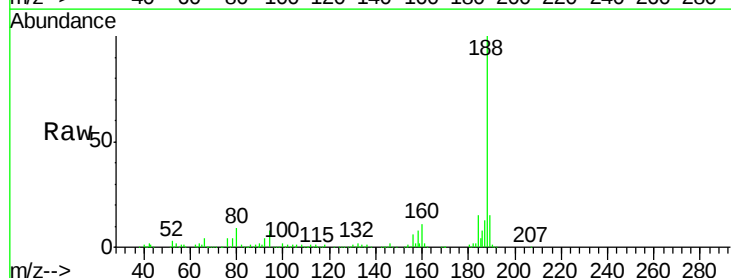
Tgt Ion:188 Resp: 173511

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

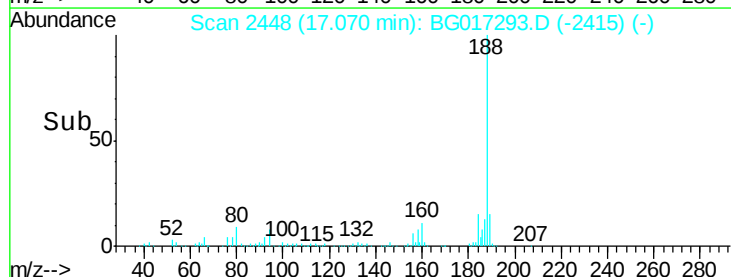
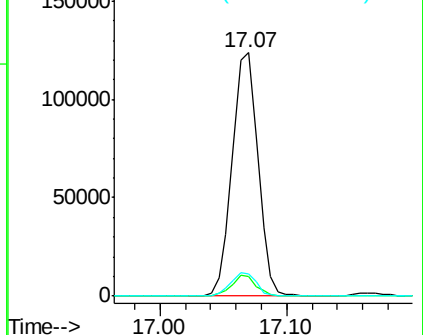
80 9.0 6.5 9.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG017293.D

Acq: 27 May 2015 00:28

Instrument :

BNA_G

ClientSampleId :

HF-3(7.5-8)

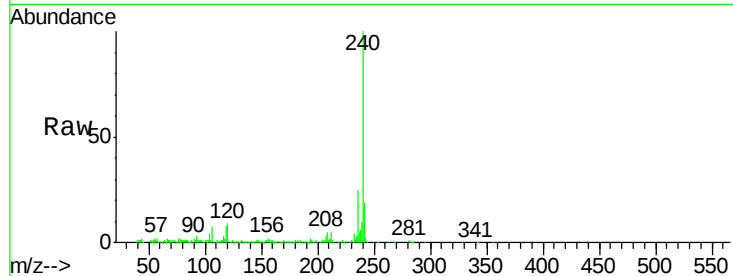
Tot Ion:240 Resp: 190472

Ion Ratio Lower Upper

240 100

120 8.5 6.0 9.0

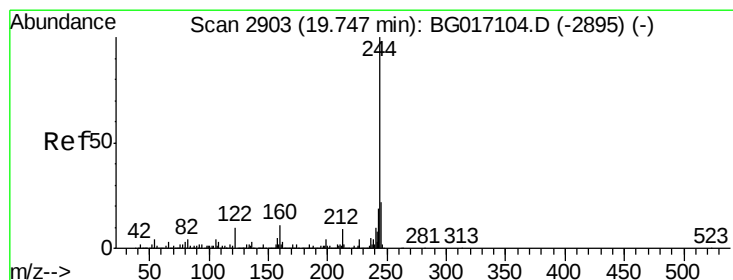
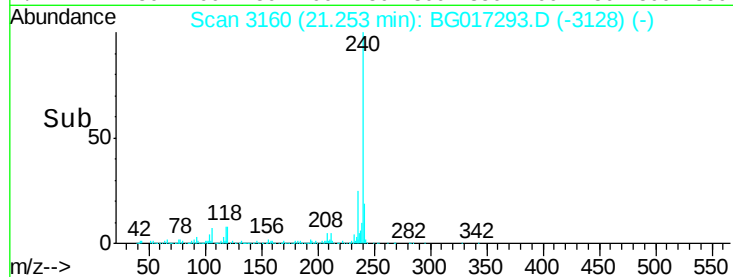
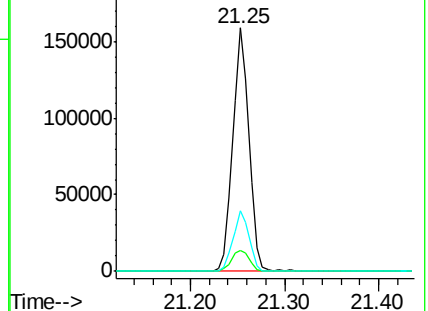
236 25.1 20.5 30.7



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: 85.60 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG017293.D

Acq: 27 May 2015 00:28

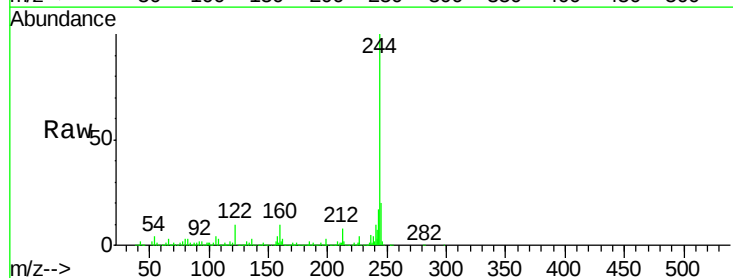
Tgt Ion:244 Resp: 782407

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

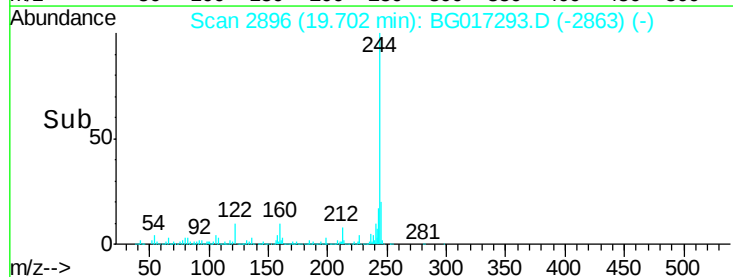
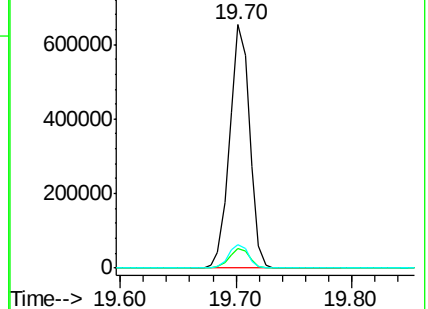
122 9.8 8.4 12.6

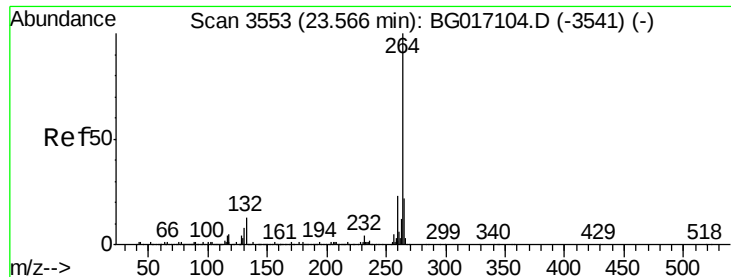


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.50 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG017293.D
Acq: 27 May 2015 00:28

Instrument :
BNA_G
ClientSampleId :
HF-3(7.5-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.0	27.0
265	22.0	17.4	26.0

