

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017280.D
 Acq On : 26 May 2015 16:52
 Operator : TP/IZ
 Sample : G2383-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)

Quant Time: May 27 03:21:34 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

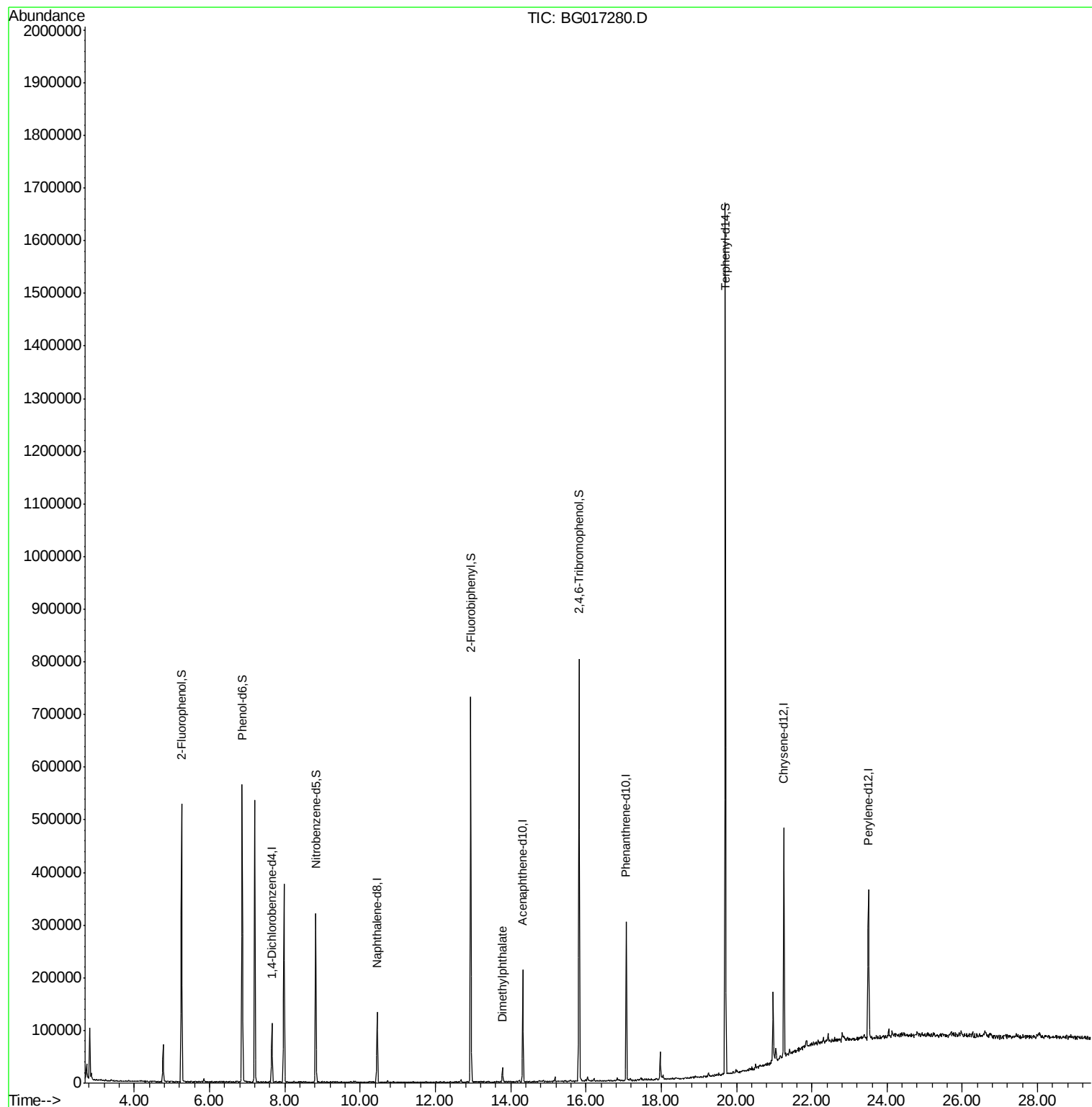
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	24609	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	99591	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	65464	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	162674	20.00	ng	0.00
75) Chrysene-d12	21.26	240	191104	20.00	ng	0.00
86) Perylene-d12	23.51	264	185636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	186378	134.37	ng	0.00
7) Phenol-d6	6.87	99	248886	127.87	ng	0.00
23) Nitrobenzene-d5	8.82	82	162948	76.39	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	115257	145.65	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	331577	74.32	ng	0.00
78) Terphenyl-d14	19.71	244	646049	70.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.78	163	15088	2.95	ng	Qvalue # 97

(#) = 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: BG017280.D

Acq: 26 May 2015 16:52

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)

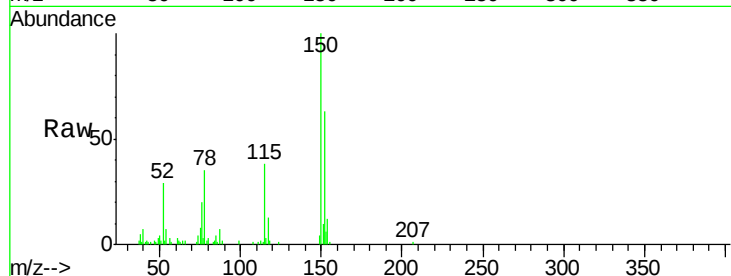
Tgt Ion:152 Resp: 24609

Ion Ratio Lower Upper

152 100

150 157.8 120.8 181.2

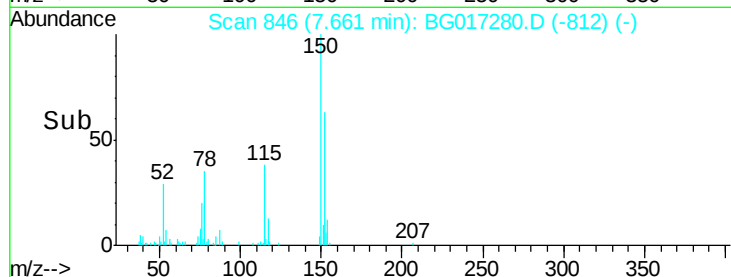
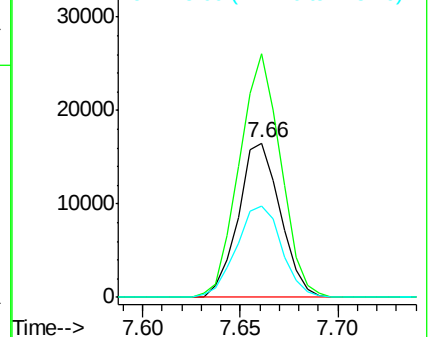
115 59.3 49.4 74.2



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: 134.37 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG017280.D

Acq: 26 May 2015 16:52

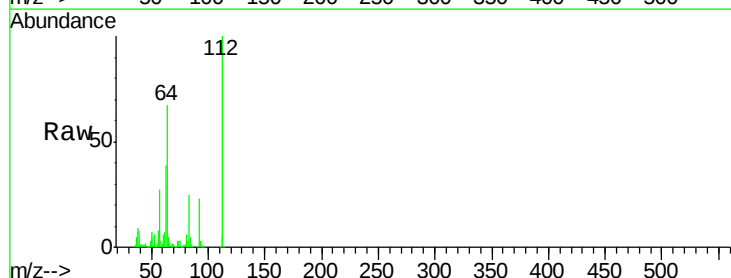
Tgt Ion:112 Resp: 186378

Ion Ratio Lower Upper

112 100

64 66.9 48.1 72.1

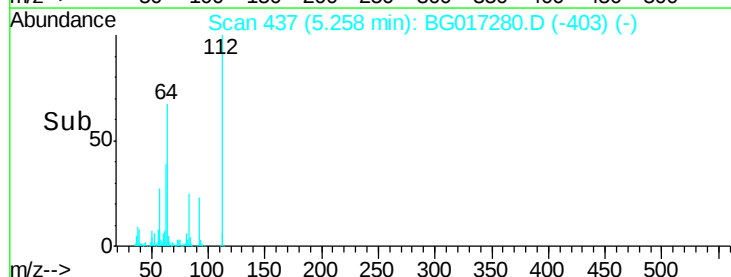
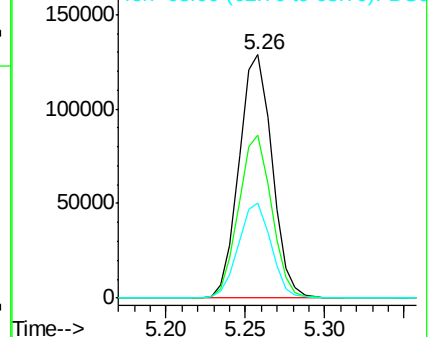
63 39.3 29.8 44.8

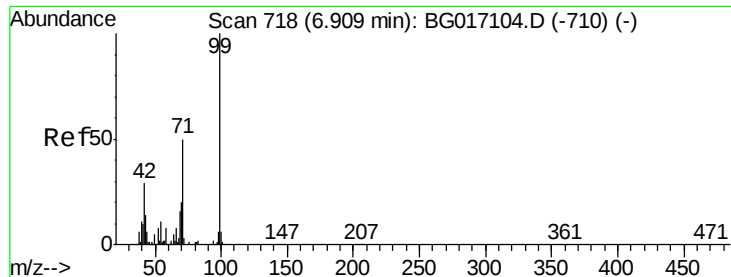


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.87 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG017280.D

Acq: 26 May 2015 16:52

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)

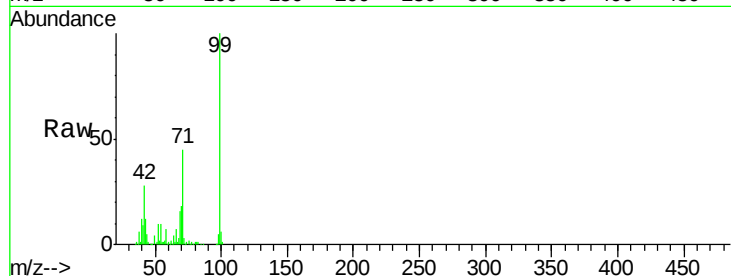
Tgt Ion: 99 Resp: 248886

Ion Ratio Lower Upper

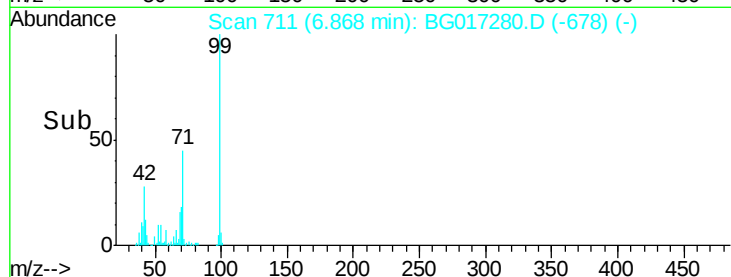
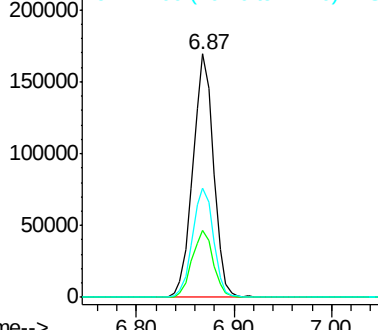
99 100

42 27.6 23.5 35.3

71 44.9 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: 10.46 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG017280.D

Acq: 26 May 2015 16:52

Tgt Ion: 136 Resp: 99591

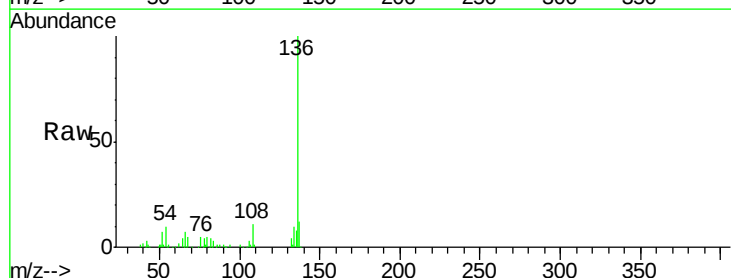
Ion Ratio Lower Upper

136 100

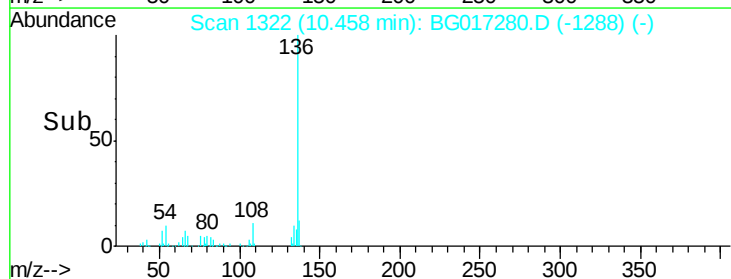
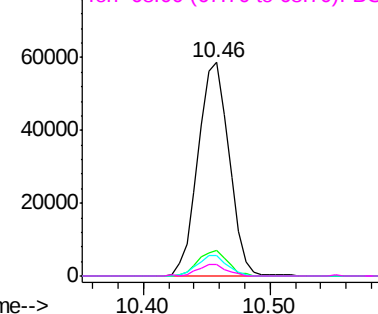
137 12.3 8.3 12.5

54 9.6 7.4 11.2

68 5.2 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

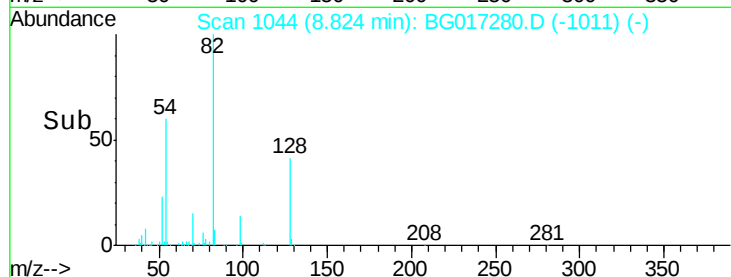
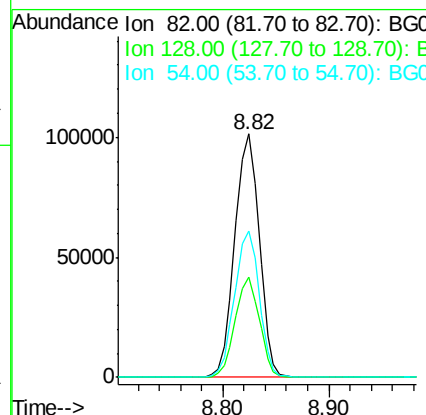
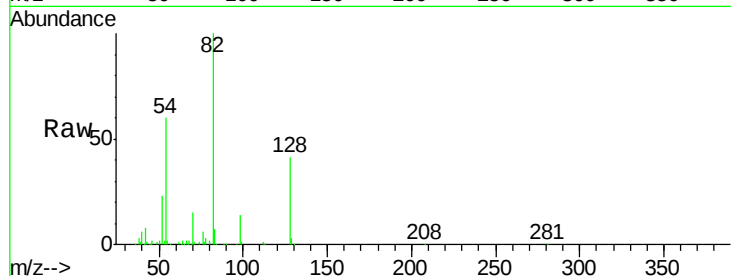




#23
 Nitrobenzene-d5
 Concen: 76.39 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG017280.D
 Acq: 26 May 2015 16:52

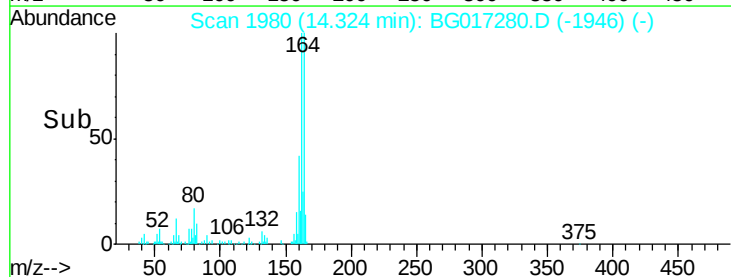
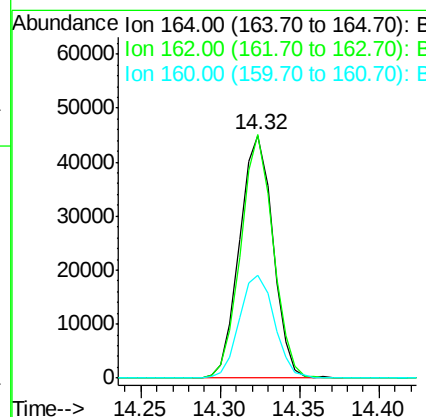
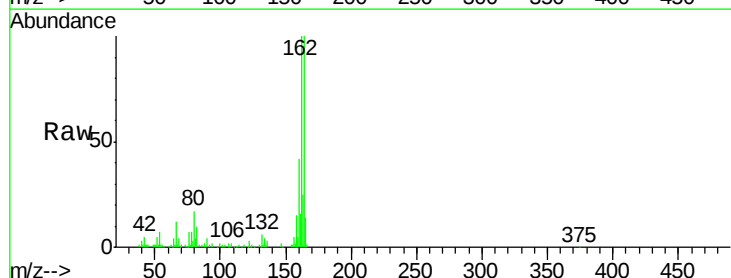
Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)

Tgt Ion: 82 Resp: 162948
 Ion Ratio Lower Upper
 82 100
 128 41.2 32.6 49.0
 54 60.1 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: BG017280.D
 Acq: 26 May 2015 16:52

Tgt Ion: 164 Resp: 65464
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.1 123.1
 160 42.3 34.8 52.2

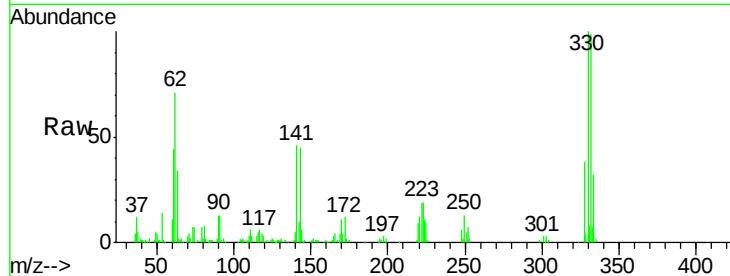




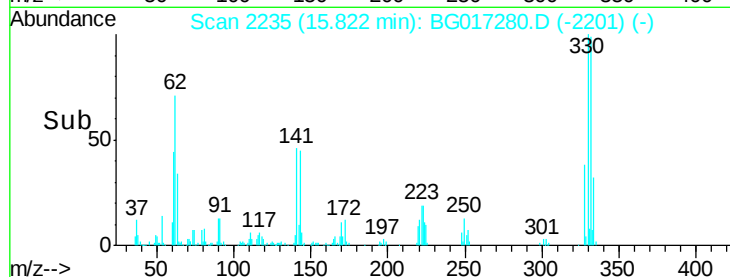
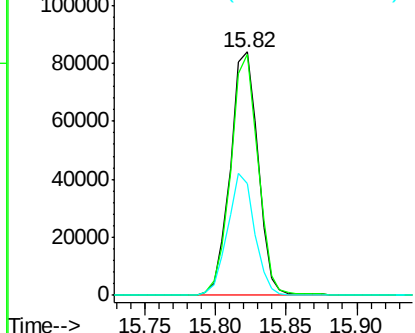
#41
 2,4,6-Tribromophenol
 Concen: 145.65 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG017280.D
 Acq: 26 May 2015 16:52

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)

Tgt Ion: 330 Resp: 115257
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.9 115.3
 141 48.9 42.2 63.2

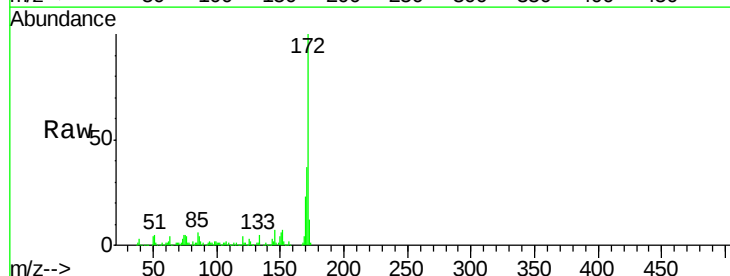


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

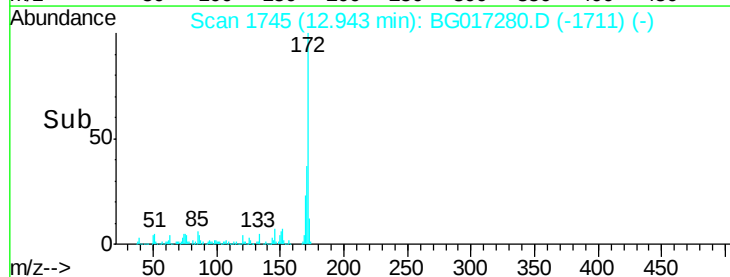
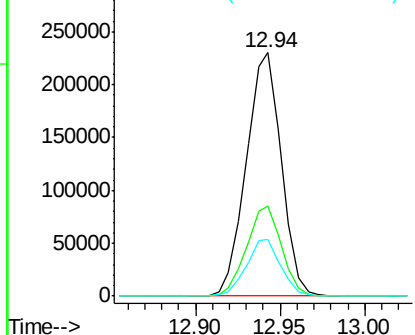


#44
 2-Fluorobiphenyl
 Concen: 74.32 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG017280.D
 Acq: 26 May 2015 16:52

Tgt Ion: 172 Resp: 331577
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 23.4 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: 2.95 ng

RT: 13.78 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG017280.D

Acq: 26 May 2015 16:52

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)

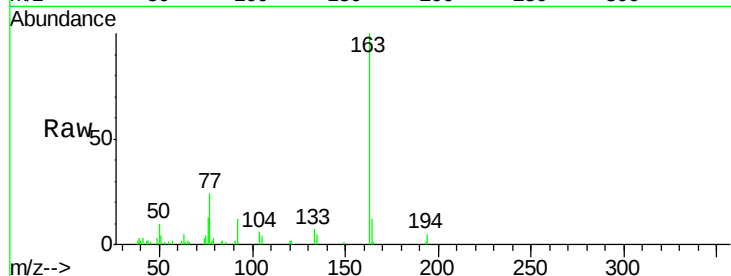
Tgt Ion:163 Resp: 15088

Ion Ratio Lower Upper

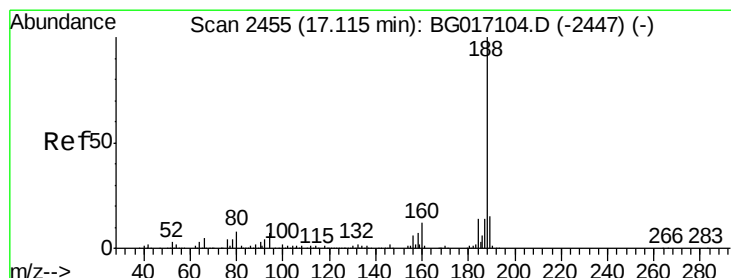
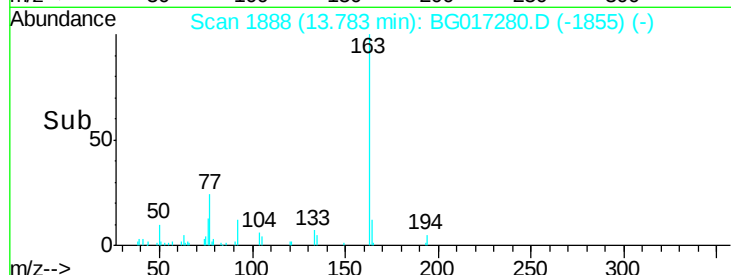
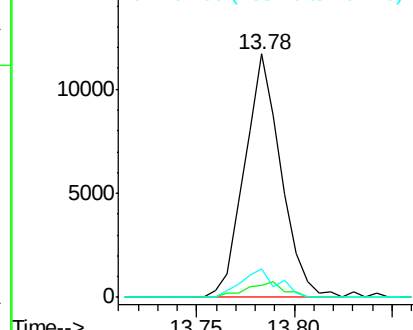
163 100

194 5.1 5.6 8.4#

164 11.5 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: BG017280.D

Acq: 26 May 2015 16:52

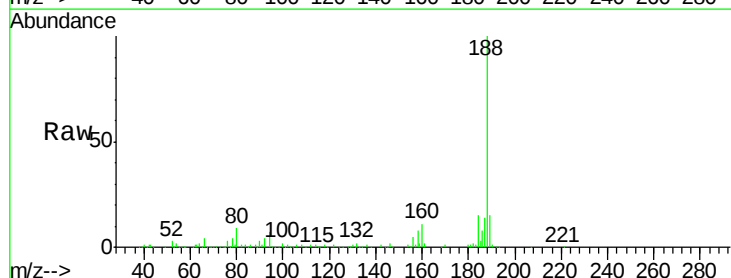
Tgt Ion:188 Resp: 162674

Ion Ratio Lower Upper

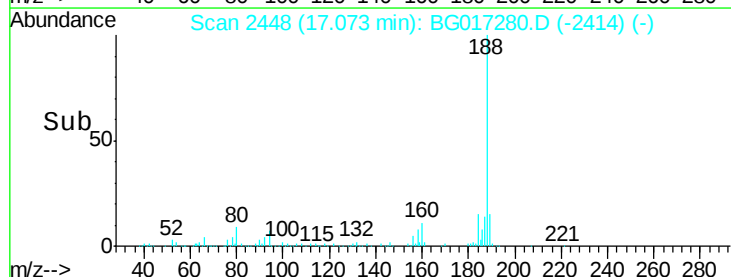
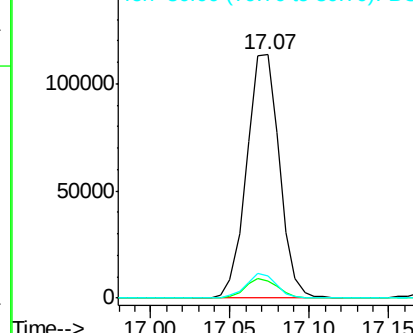
188 100

94 7.3 5.8 8.6

80 9.2 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: 21.26 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG017280.D

Acq: 26 May 2015 16:52

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)

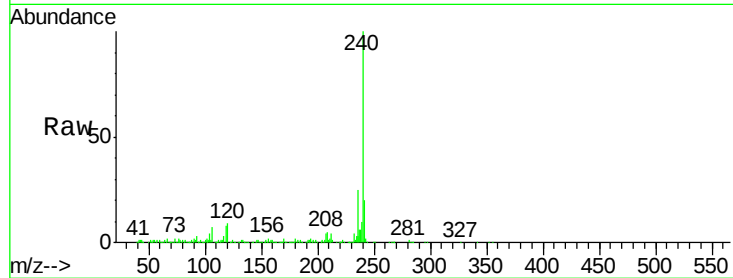
Tgt Ion:240 Resp: 191104

Ion Ratio Lower Upper

240 100

120 9.5 6.0 9.0#

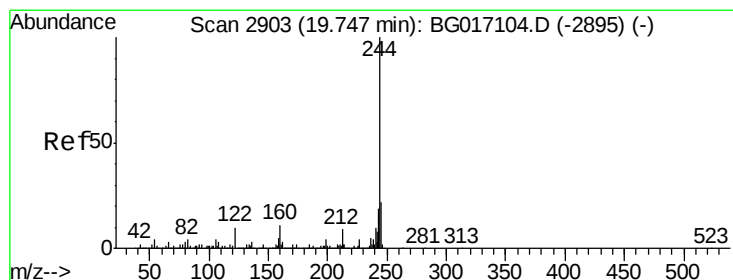
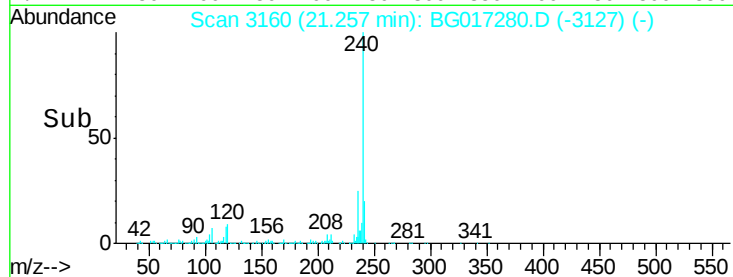
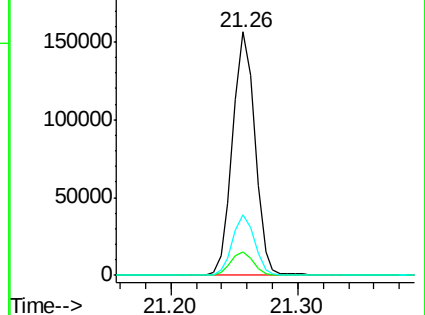
236 24.8 20.5 30.7



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: 70.45 ng

RT: 19.71 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG017280.D

Acq: 26 May 2015 16:52

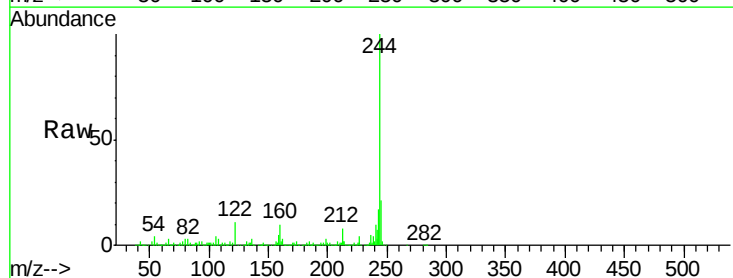
Tgt Ion:244 Resp: 646049

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

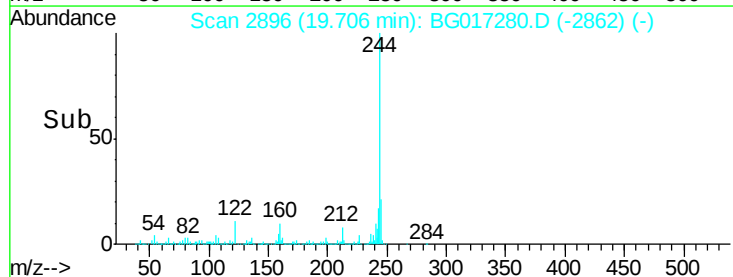
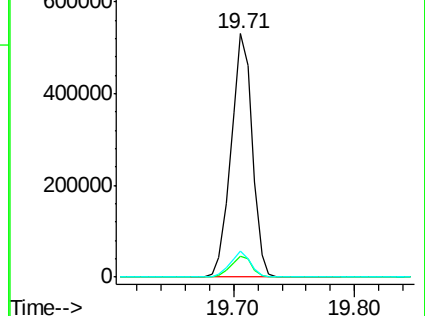
122 10.6 8.4 12.6

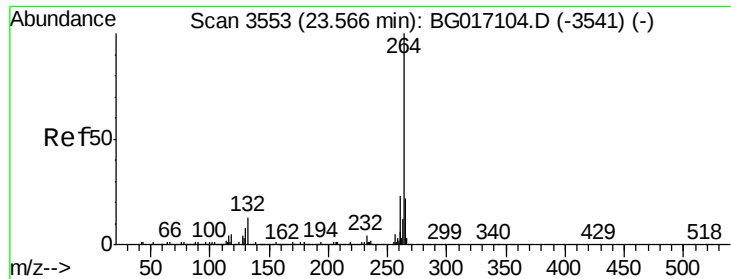


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

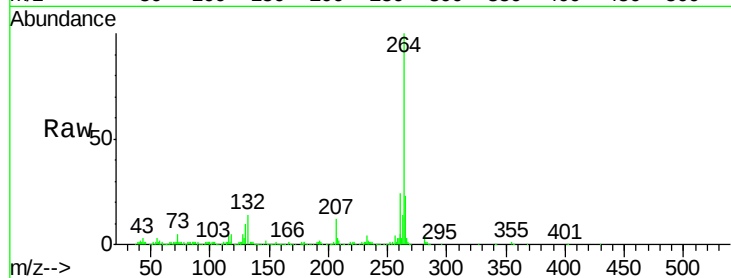




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.51 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG017280.D
Acq: 26 May 2015 16:52

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)

Tgt	Ion	Ratio	Lower	Upper
264	100			
260	24.5	18.0	27.0	
265	22.9	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

