

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
 Data File : BG017316.D
 Acq On : 28 May 2015 2:12
 Operator : TP/IZ
 Sample : G2387-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13

Quant Time: May 28 04:10:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

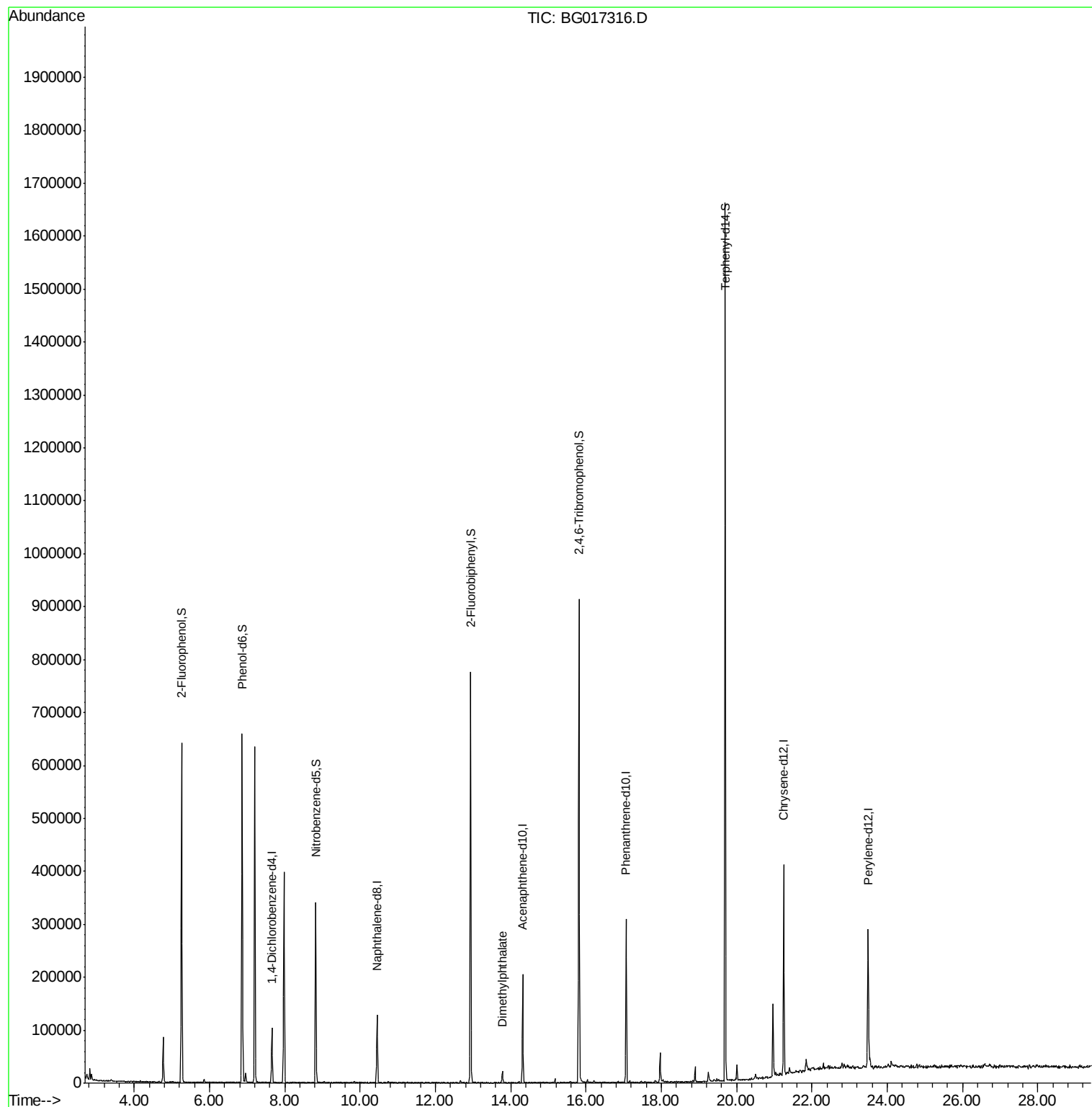
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	23120	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	95300	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	63347	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	160873	20.00	ng	0.00
75) Chrysene-d12	21.25	240	172070	20.00	ng	-0.01
86) Perylene-d12	23.49	264	174662	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	213682	163.98	ng	0.00
7) Phenol-d6	6.87	99	290562	158.89	ng	0.00
23) Nitrobenzene-d5	8.82	82	176366	86.40	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	128044	167.21	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	334762	77.54	ng	0.00
78) Terphenyl-d14	19.70	244	672583	81.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.78	163	13450	2.72	ng	Qvalue 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: BG017316.D

Acq: 28 May 2015 2:12

Instrument :

BNA_G

ClientSampleId :

TP-18-D13

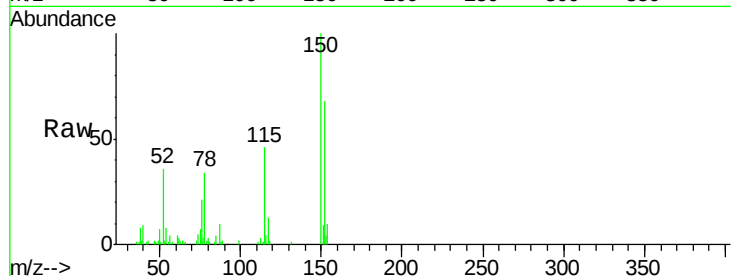
Tot Ion:152 Resp: 23120

Ion Ratio Lower Upper

152 100

150 146.0 120.8 181.2

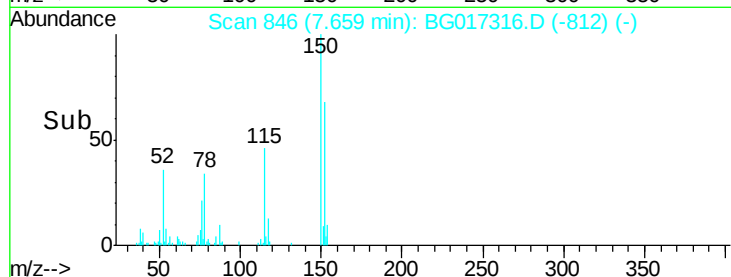
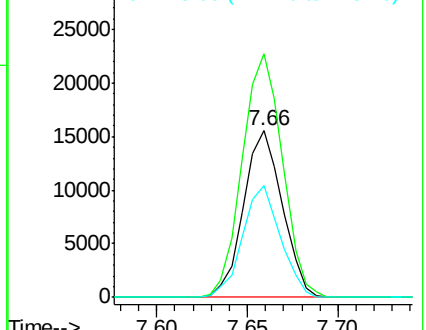
115 66.8 49.4 74.2



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: 163.98 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG017316.D

Acq: 28 May 2015 2:12

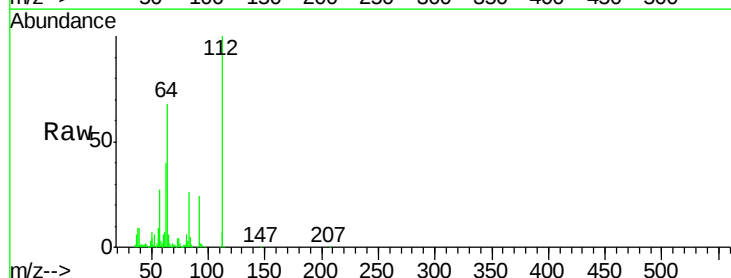
Tgt Ion:112 Resp: 213682

Ion Ratio Lower Upper

112 100

64 68.5 48.1 72.1

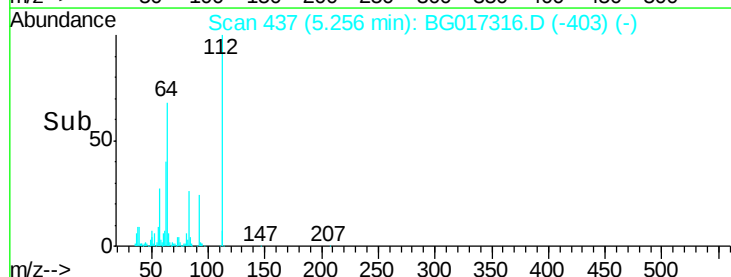
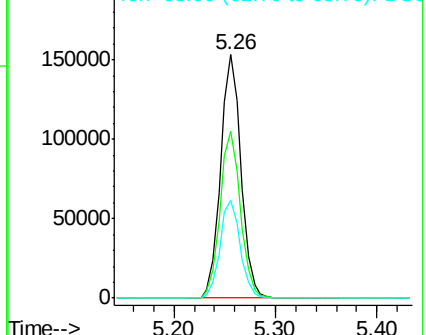
63 40.3 29.8 44.8

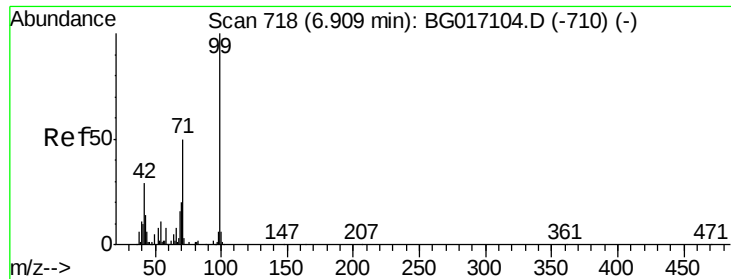


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 158.89 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG017316.D

Acq: 28 May 2015 2:12

Instrument :

BNA_G

ClientSampleId :

TP-18-D13

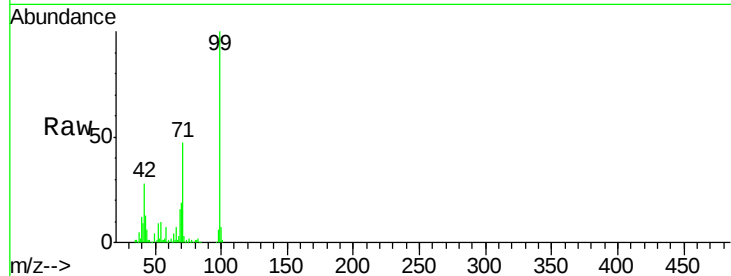
Tot Ion: 99 Resp: 290562

Ion Ratio Lower Upper

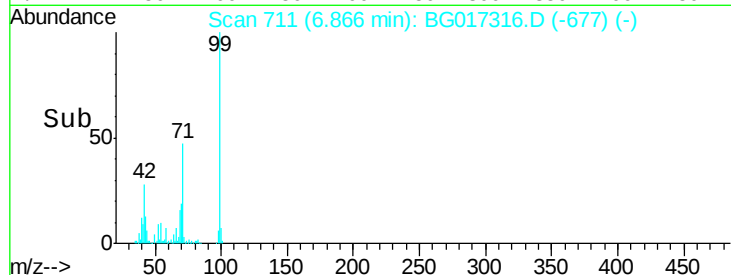
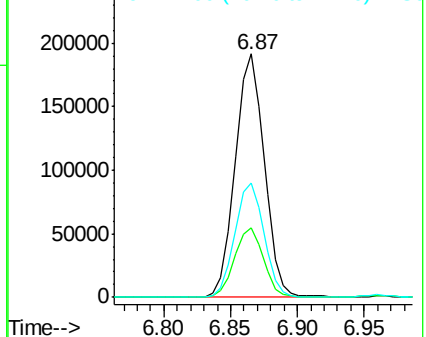
99 100

42 28.4 23.5 35.3

71 46.9 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: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG017316.D

Acq: 28 May 2015 2:12

Tgt Ion: 136 Resp: 95300

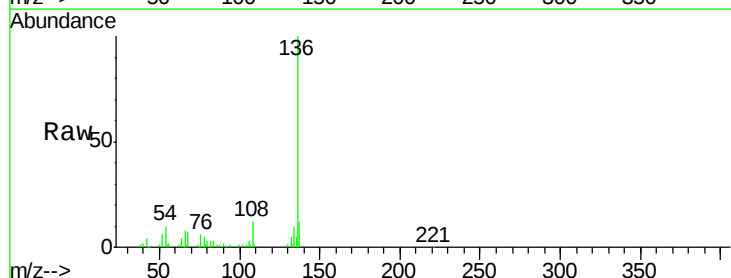
Ion Ratio Lower Upper

136 100

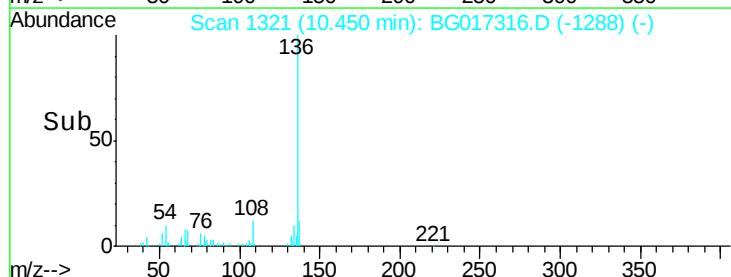
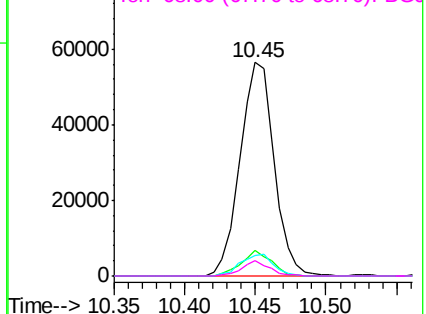
137 11.7 8.3 12.5

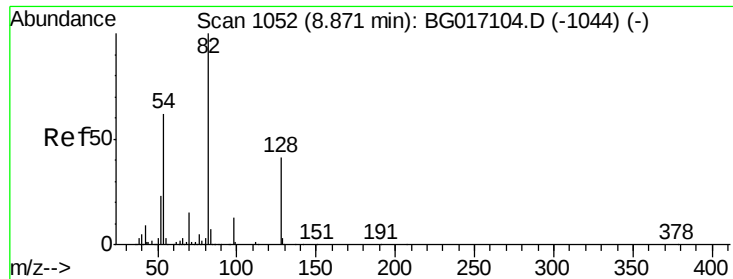
54 9.7 7.4 11.2

68 7.2 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

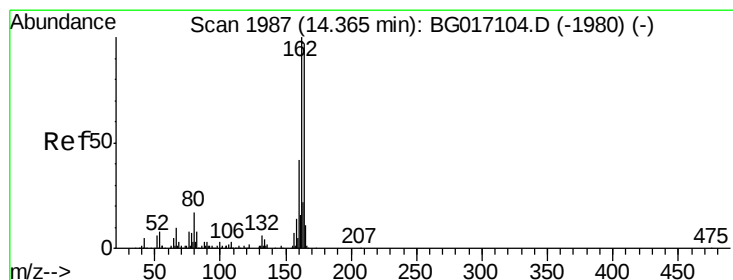
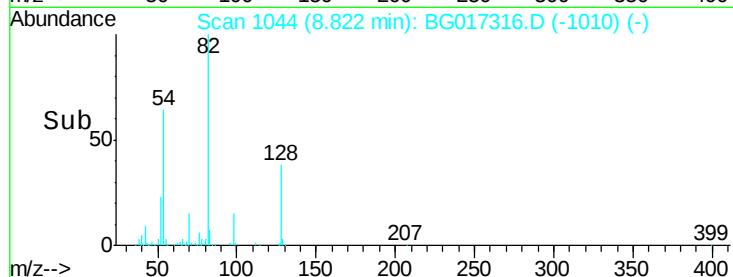
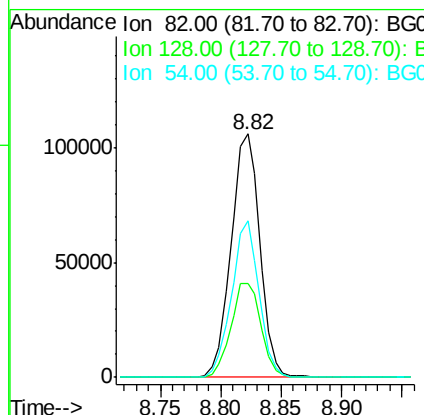
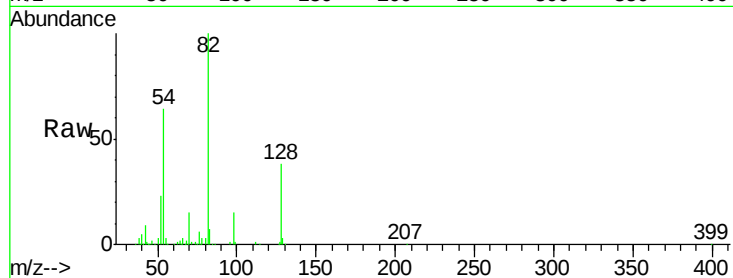




#23
 Nitrobenzene-d5
 Concen: 86.40 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG017316.D
 Acq: 28 May 2015 2:12

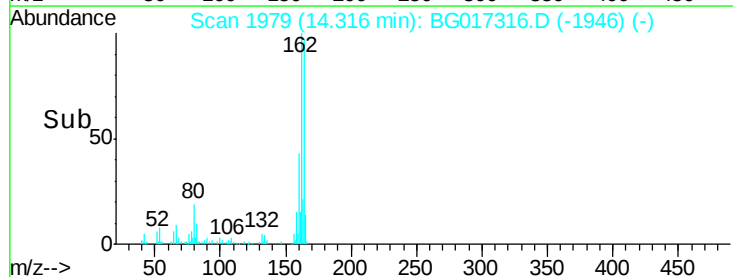
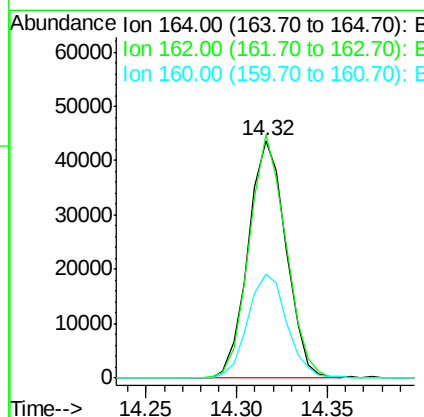
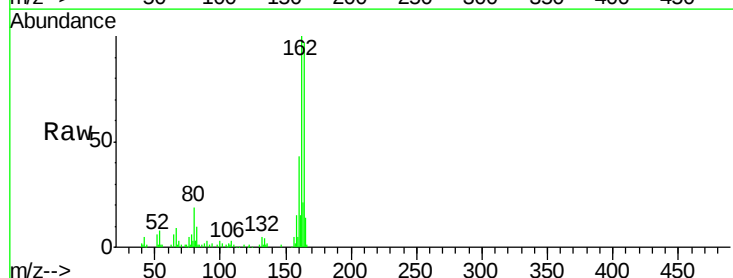
Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13

Tot Ion	82	Resp	176366
Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.6	49.0
54	64.4	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG017316.D
 Acq: 28 May 2015 2:12

Tgt Ion	164	Resp	63347
Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	43.6	34.8	52.2

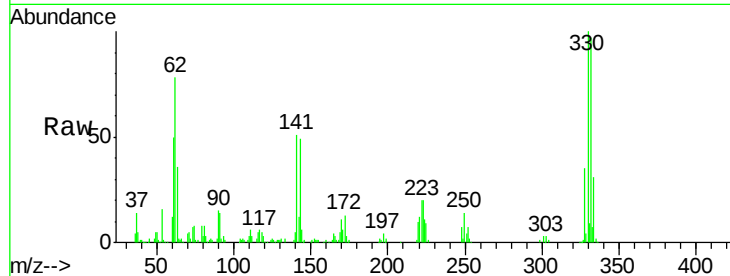




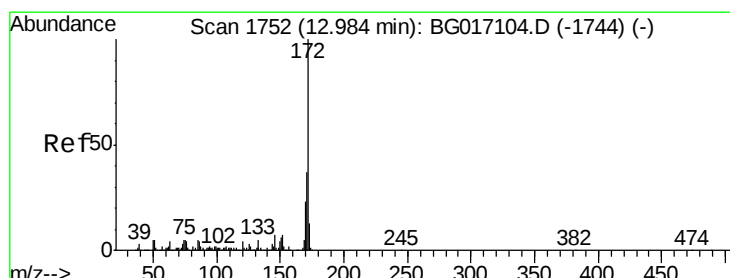
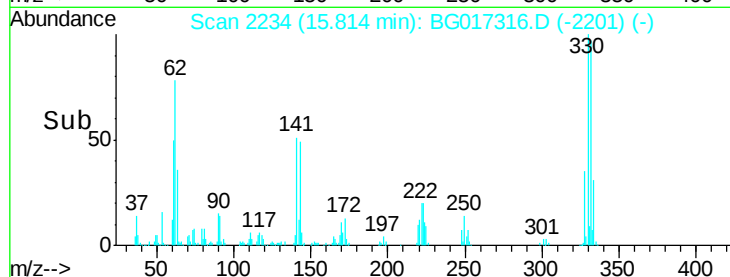
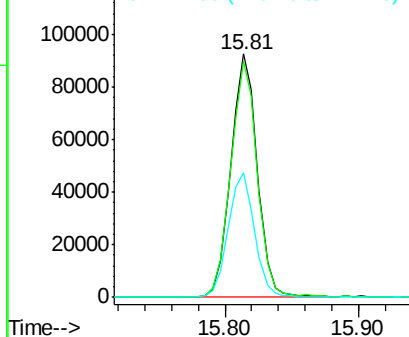
#41
2,4,6-Tribromophenol
Concen: 167.21 ng
RT: 15.81 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG017316.D
Acq: 28 May 2015 2:12

Instrument :
BNA_G
ClientSampleId :
TP-18-D13

Tot Ion:330 Resp: 128044
Ion Ratio Lower Upper
330 100
332 97.7 76.9 115.3
141 51.5 42.2 63.2

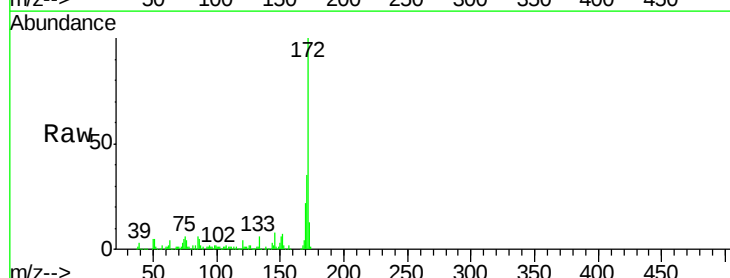


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

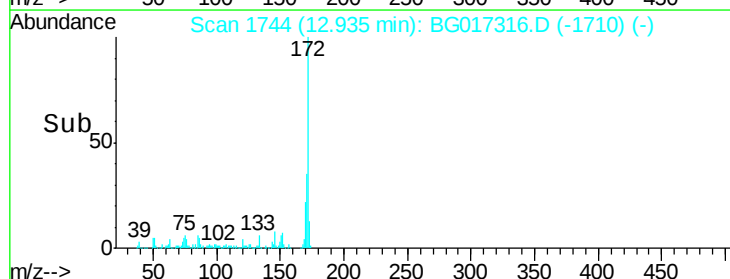
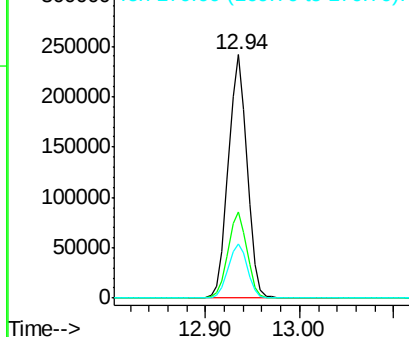


#44
2-Fluorobiphenyl
Concen: 77.54 ng
RT: 12.94 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG017316.D
Acq: 28 May 2015 2:12

Tgt Ion:172 Resp: 334762
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 22.3 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: 2.72 ng

RT: 13.78 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG017316.D

Acq: 28 May 2015 2:12

Instrument :

BNA_G

ClientSampleId :

TP-18-D13

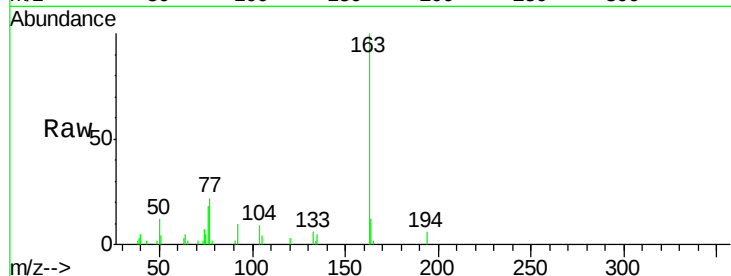
Tot Ion:163 Resp: 13450

Ion Ratio Lower Upper

163 100

194 5.9 5.6 8.4

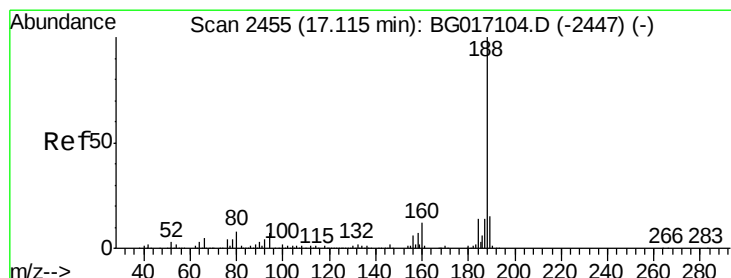
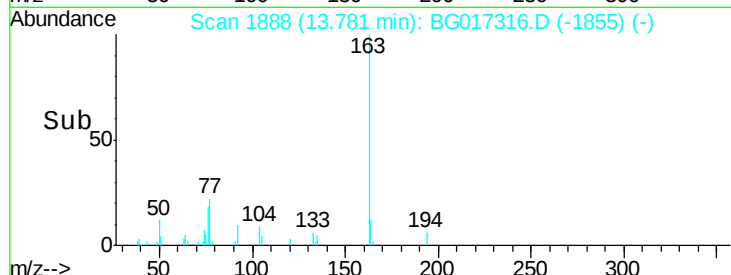
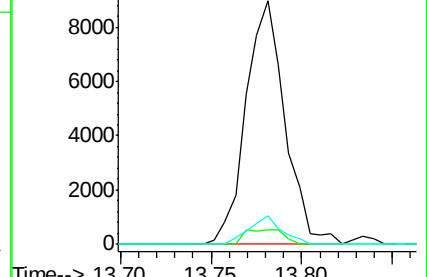
164 11.6 8.6 13.0



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# 2447

Delta R.T. -0.00 min

Lab File: BG017316.D

Acq: 28 May 2015 2:12

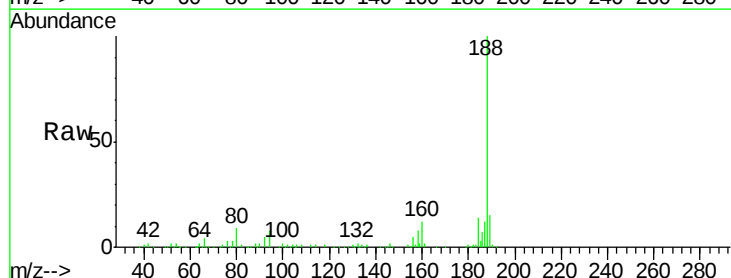
Tgt Ion:188 Resp: 160873

Ion Ratio Lower Upper

188 100

94 8.3 5.8 8.6

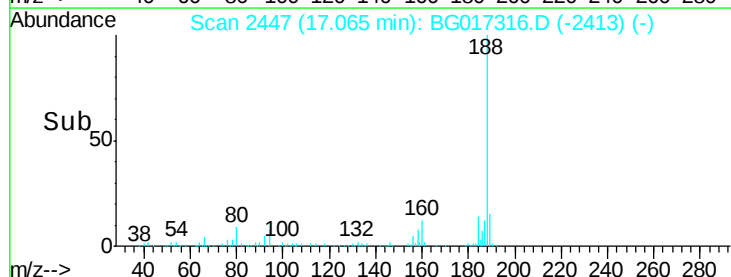
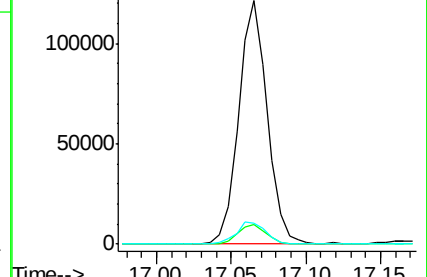
80 8.6 6.5 9.7



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# 3159

Delta R.T. -0.01 min

Lab File: BG017316.D

Acq: 28 May 2015 2:12

Instrument :

BNA_G

ClientSampleId :

TP-18-D13

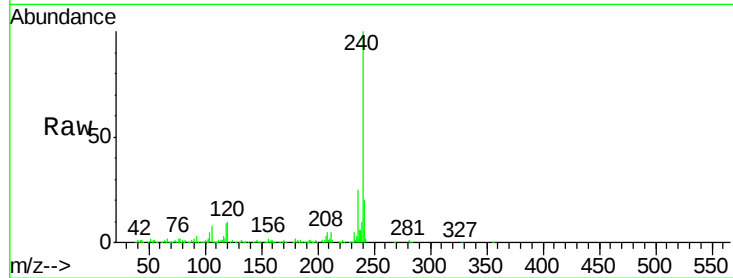
Tot Ion:240 Resp: 172070

Ion Ratio Lower Upper

240 100

120 9.7 6.0 9.0#

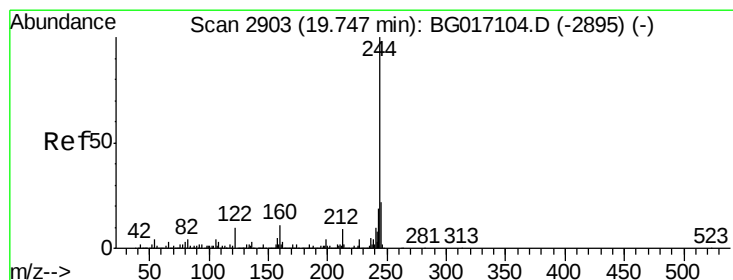
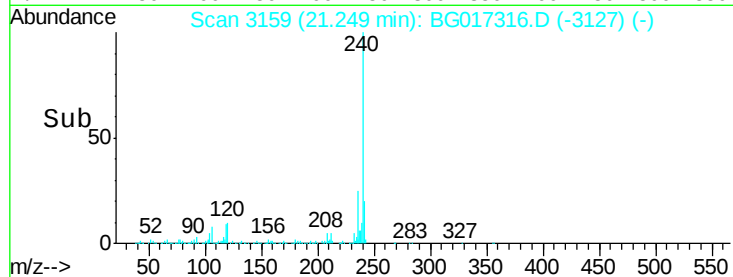
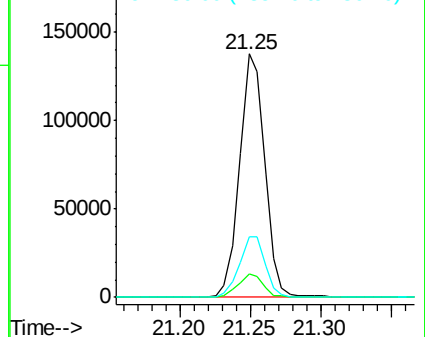
236 25.0 20.5 30.7



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: 81.46 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG017316.D

Acq: 28 May 2015 2:12

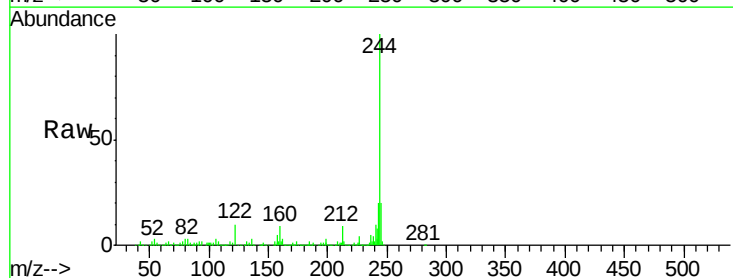
Tgt Ion:244 Resp: 672583

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

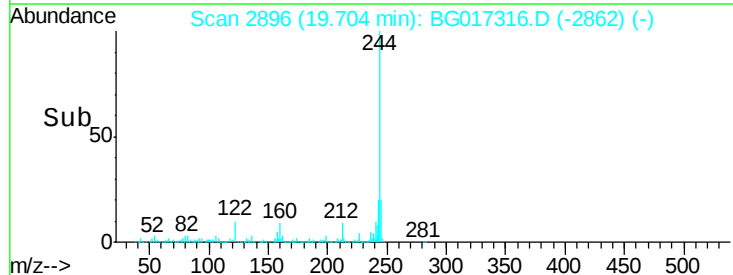
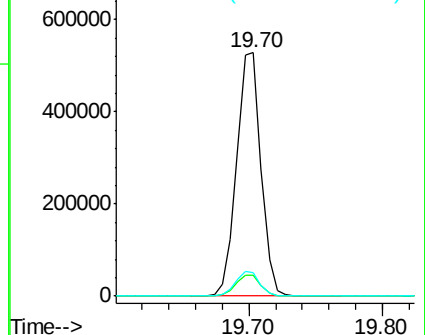
122 9.6 8.4 12.6

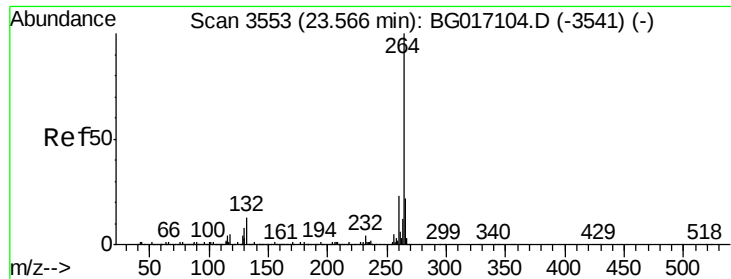


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

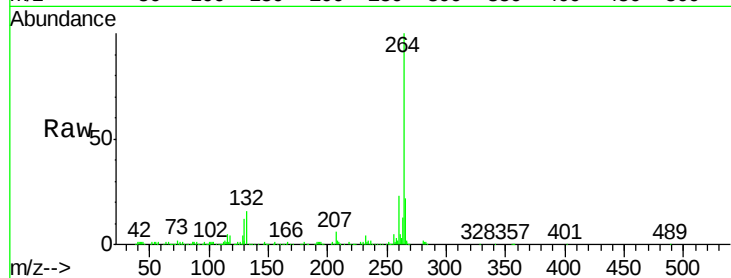




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.49 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG017316.D
Acq: 28 May 2015 2:12

Instrument :
BNA_G
ClientSampleId :
TP-18-D13

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.0	27.0
265	21.5	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

