

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052715\
 Data File : BG017304.D
 Acq On : 27 May 2015 16:16
 Operator : TP/IZ
 Sample : PB83614BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83614BL

Quant Time: May 28 03:20:42 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

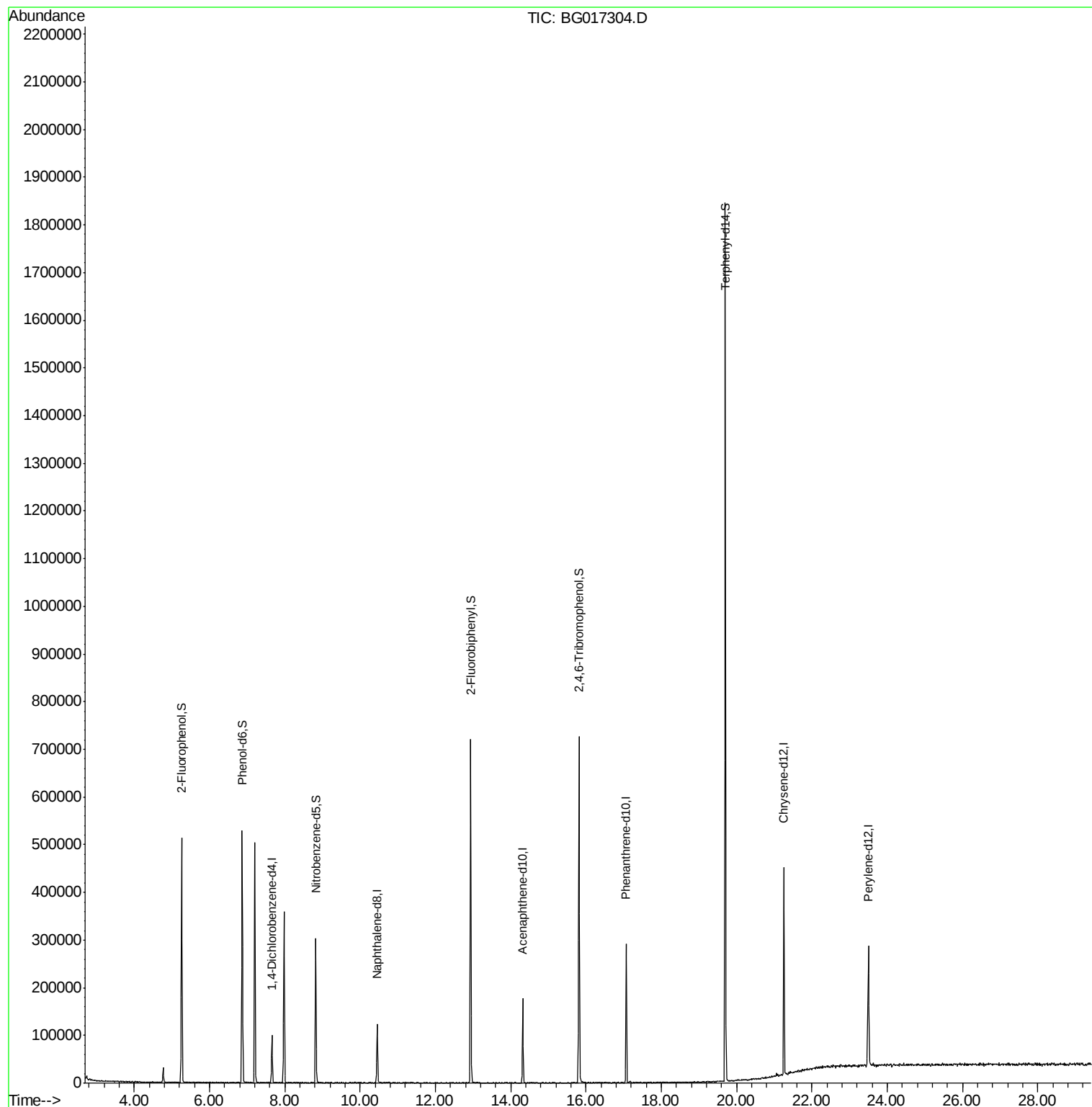
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	22948	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	90905	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	59820	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	158047	20.00	ng	0.00
75) Chrysene-d12	21.25	240	185056	20.00	ng	0.00
86) Perylene-d12	23.50	264	177076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	181673	140.46	ng	0.00
7) Phenol-d6	6.87	99	232345	128.01	ng	0.00
23) Nitrobenzene-d5	8.82	82	153259	78.71	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	106888	147.81	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	321823	78.94	ng	0.00
78) Terphenyl-d14	19.70	244	697041	78.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.87	77	402	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: 7.66 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG017304.D

Acq: 27 May 2015 16:16

Instrument :

BNA_G

ClientSampleId :

PB83614BL

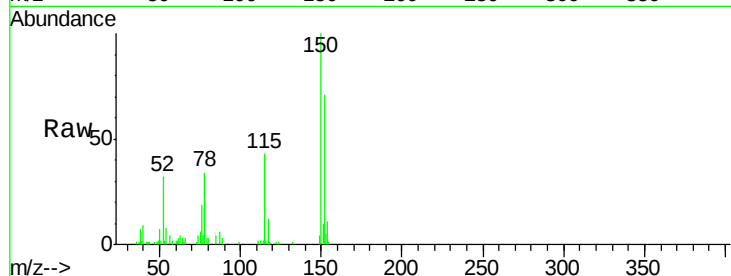
Tgt Ion:152 Resp: 22948

Ion Ratio Lower Upper

152 100

150 141.3 120.8 181.2

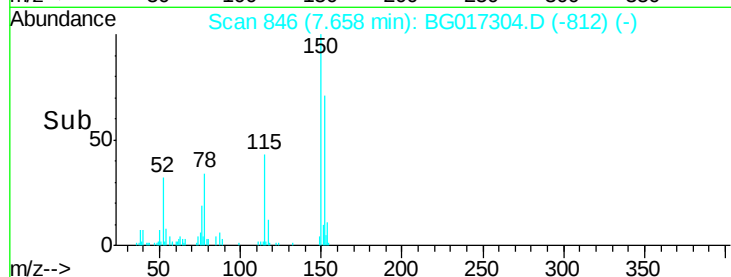
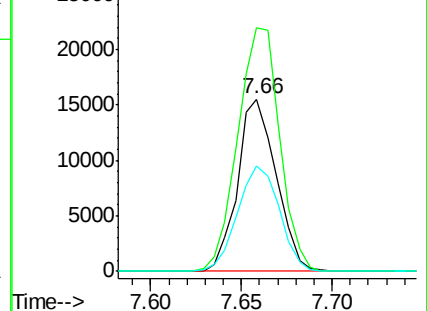
115 60.8 49.4 74.2



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: 140.46 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG017304.D

Acq: 27 May 2015 16:16

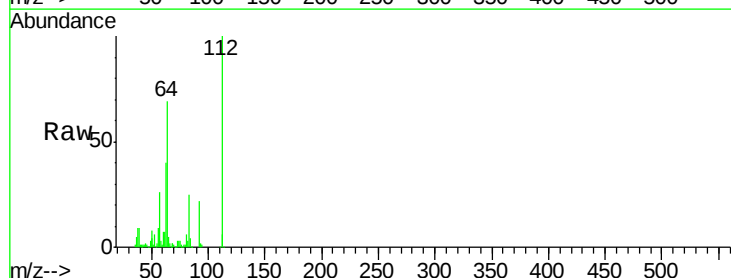
Tgt Ion:112 Resp: 181673

Ion Ratio Lower Upper

112 100

64 69.0 48.1 72.1

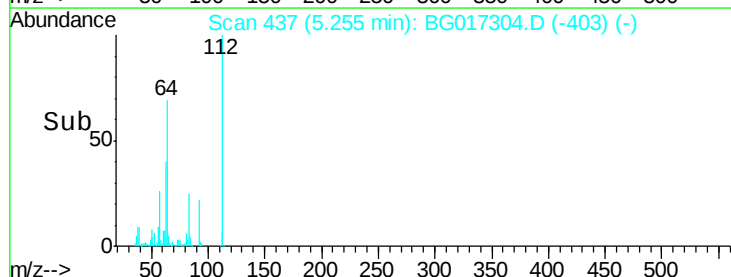
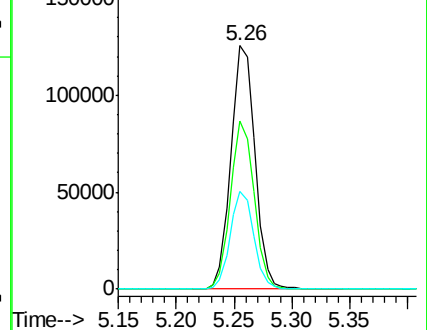
63 40.3 29.8 44.8

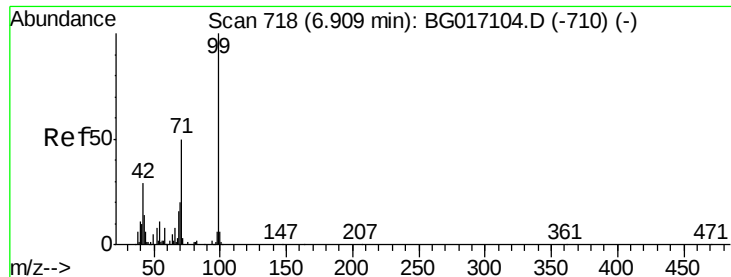


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.01 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG017304.D

Acq: 27 May 2015 16:16

Instrument :

BNA_G

ClientSampleId :

PB83614BL

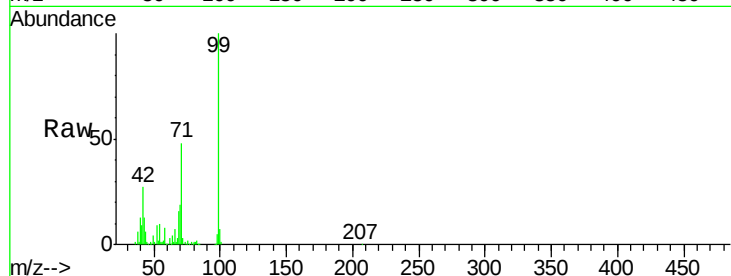
Tgt Ion: 99 Resp: 232345

Ion Ratio Lower Upper

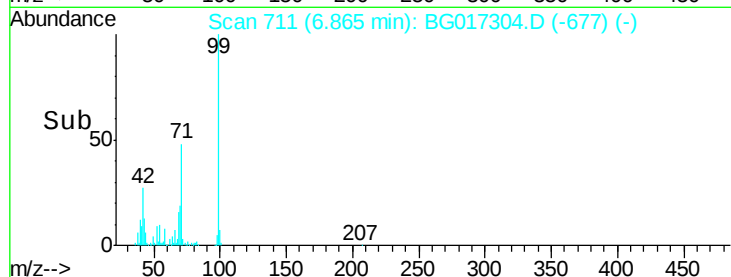
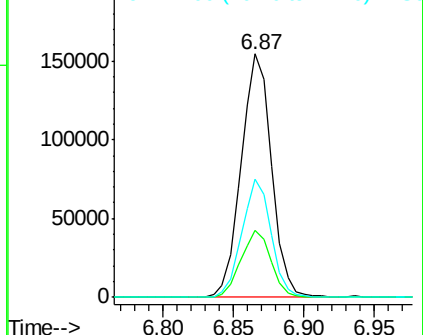
99 100

42 27.3 23.5 35.3

71 48.3 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: BG017304.D

Acq: 27 May 2015 16:16

Tgt Ion: 136 Resp: 90905

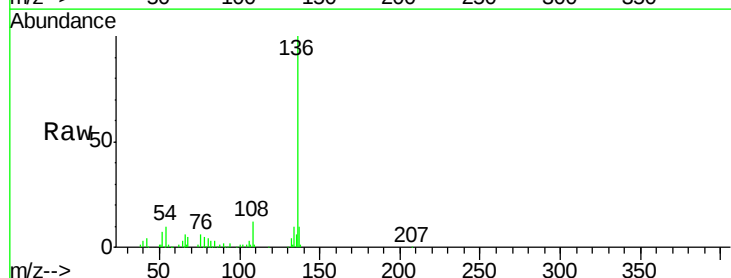
Ion Ratio Lower Upper

136 100

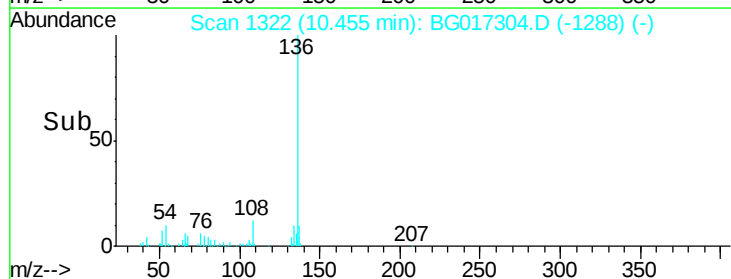
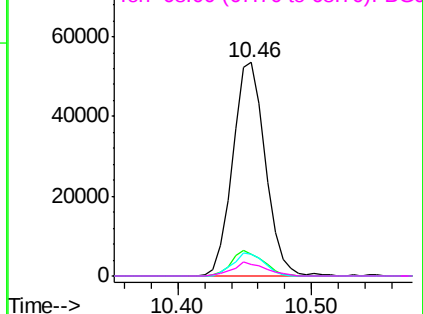
137 9.9 8.3 12.5

54 10.0 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: 78.71 ng

RT: 8.82 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BG017304.D

Acq: 27 May 2015 16:16

Instrument :

BNA_G

ClientSampleId :

PB83614BL

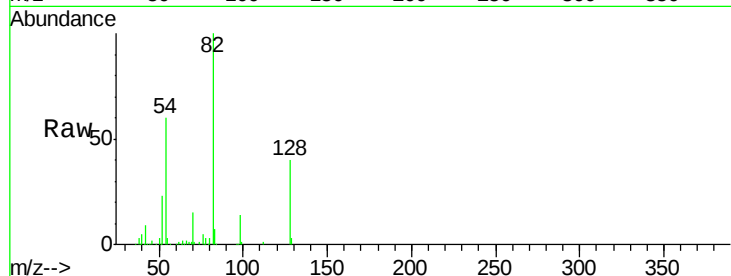
Tgt Ion: 82 Resp: 153259

Ion Ratio Lower Upper

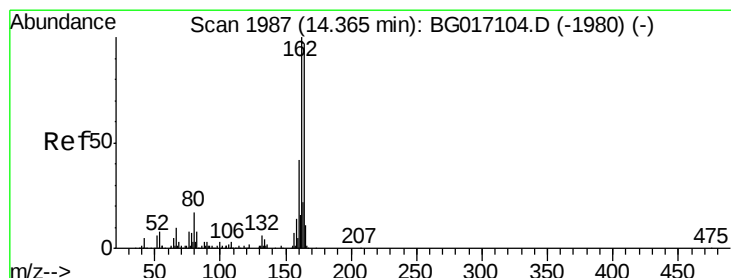
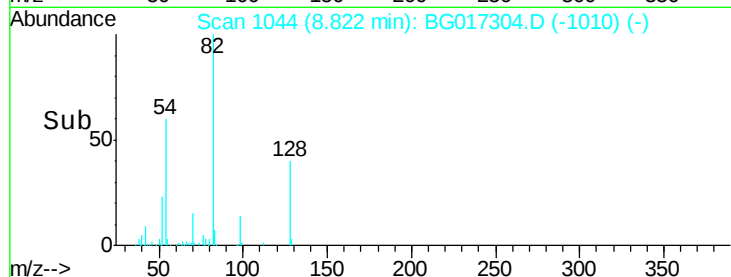
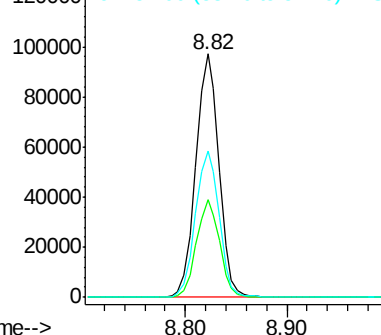
82 100

128 40.1 32.6 49.0

54 60.3 49.6 74.4



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG017304.D

Acq: 27 May 2015 16:16

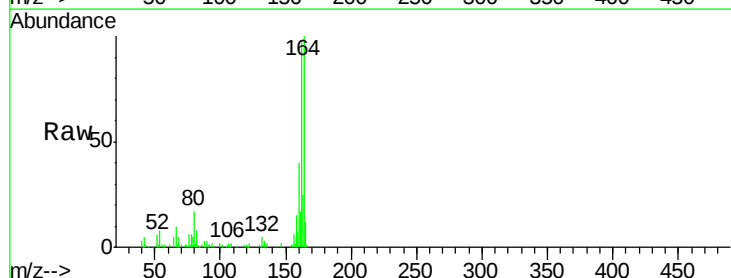
Tgt Ion: 164 Resp: 59820

Ion Ratio Lower Upper

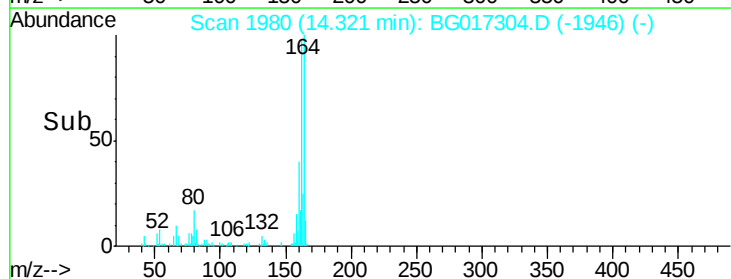
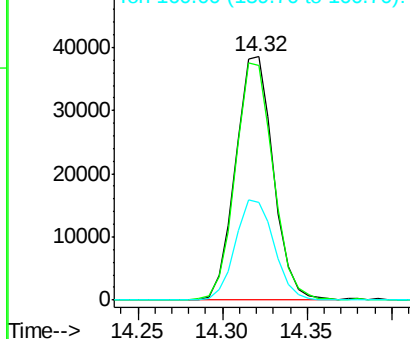
164 100

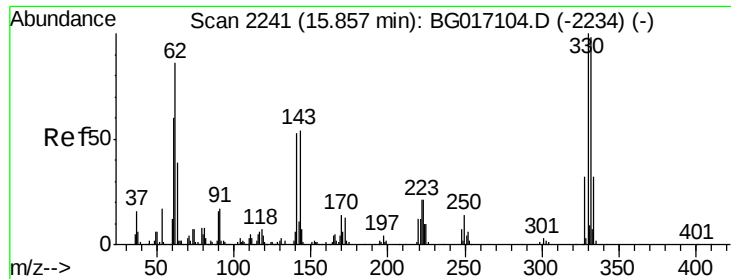
162 96.5 82.1 123.1

160 40.1 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

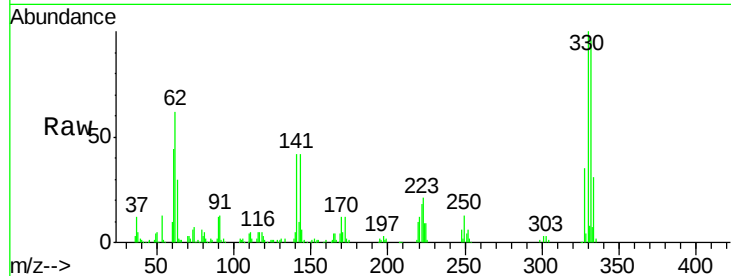




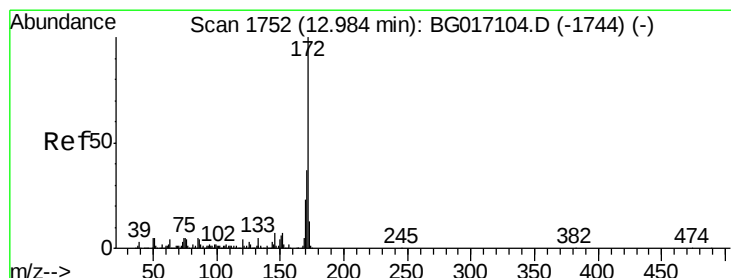
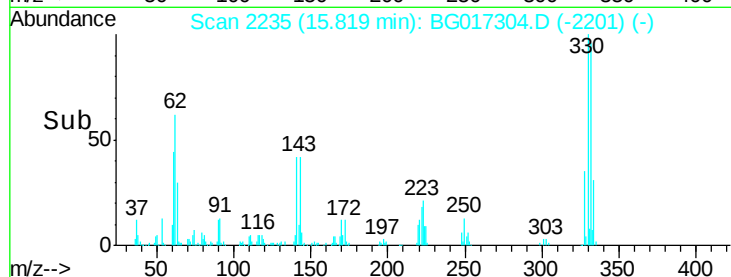
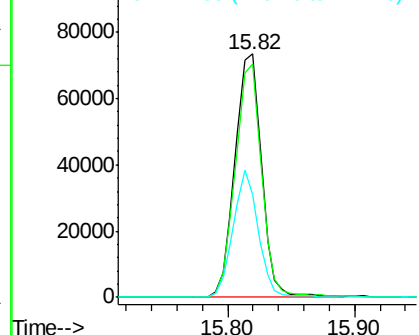
#41
2,4,6-Tribromophenol
Concen: 147.81 ng
RT: 15.82 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB83614BL

Tgt Ion:330 Resp: 106888
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 49.0 42.2 63.2

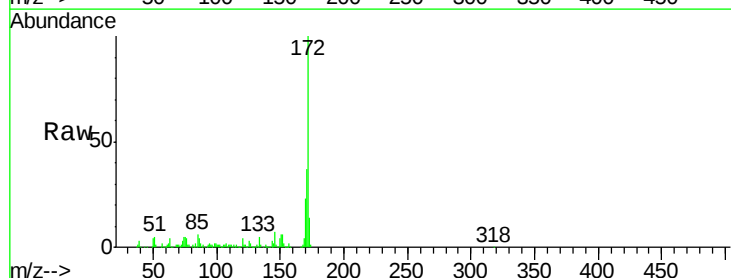


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

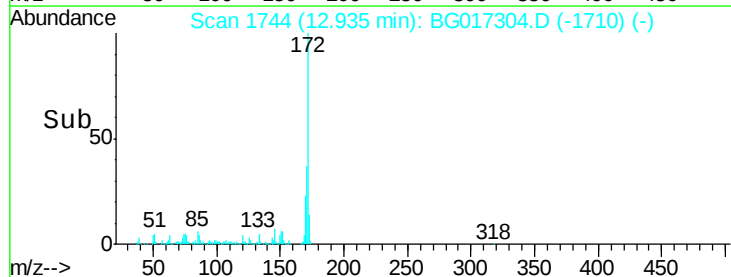
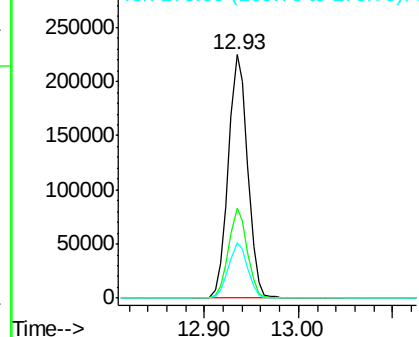


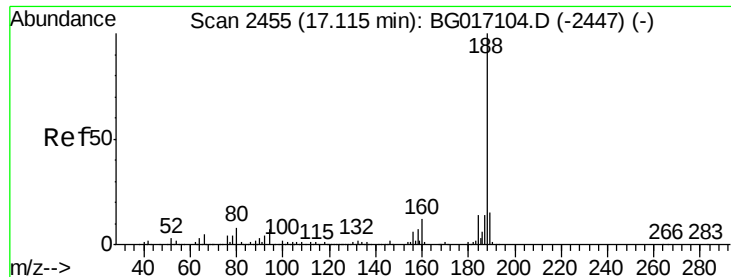
#44
2-Fluorobiphenyl
Concen: 78.94 ng
RT: 12.93 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Tgt Ion:172 Resp: 321823
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 23.0 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

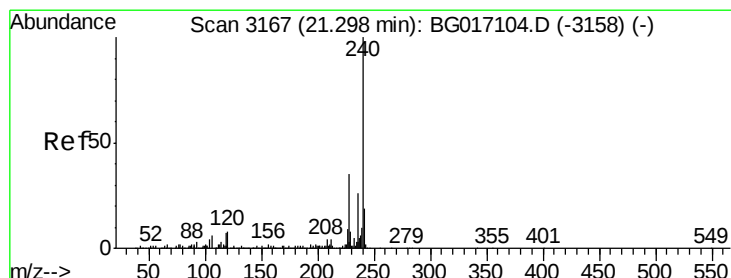
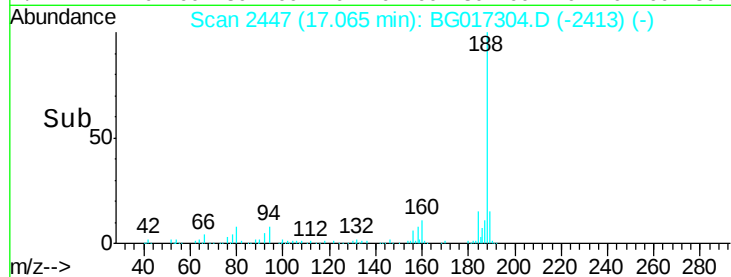
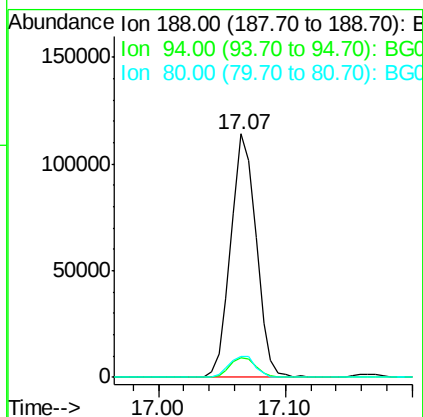
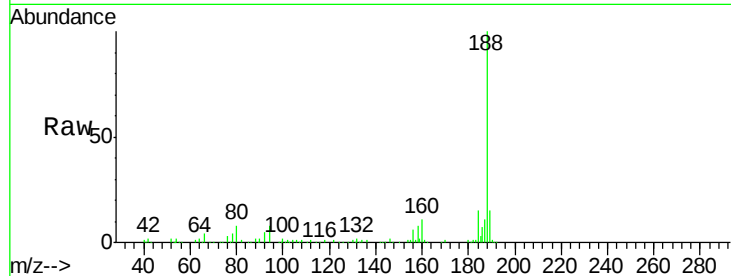




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

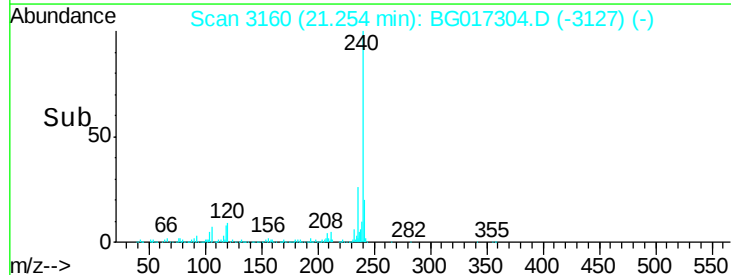
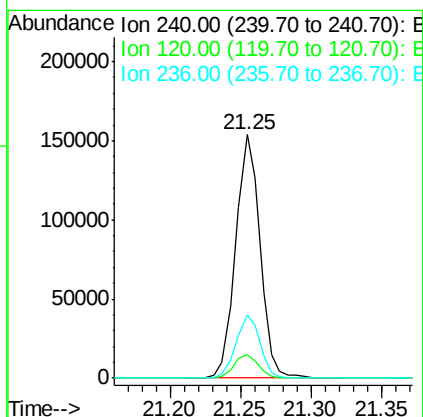
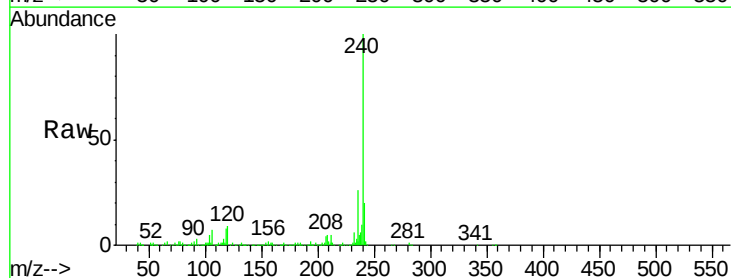
Instrument :
BNA_G
ClientSampleId :
PB83614BL

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	158047		
94	8.3		5.8	8.6
80	8.3		6.5	9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	185056		
120	9.4		6.0	9.0#
236	26.0		20.5	30.7





#78

Terphenyl-d14

Concen: 78.49 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG017304.D

Acq: 27 May 2015 16:16

Instrument :

BNA_G

ClientSampleId :

PB83614BL

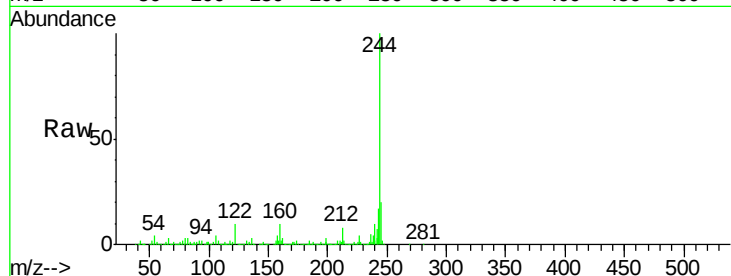
Tgt Ion:244 Resp: 697041

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

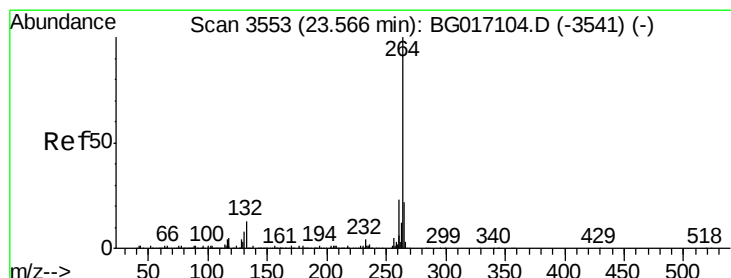
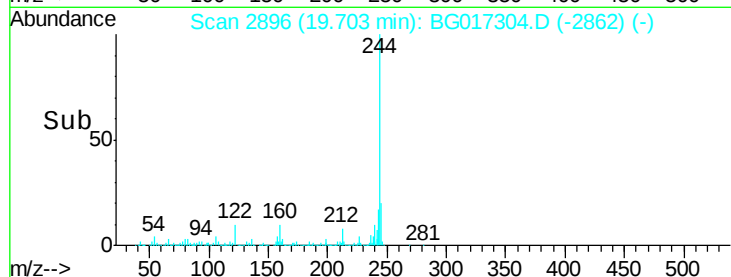
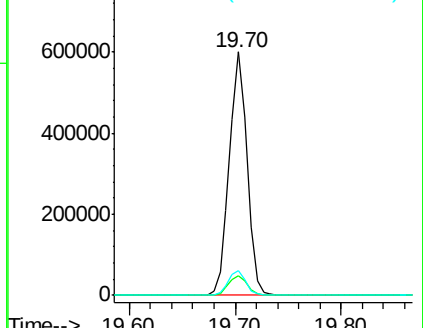
122 10.1 8.4 12.6



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: 23.50 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG017304.D

Acq: 27 May 2015 16:16

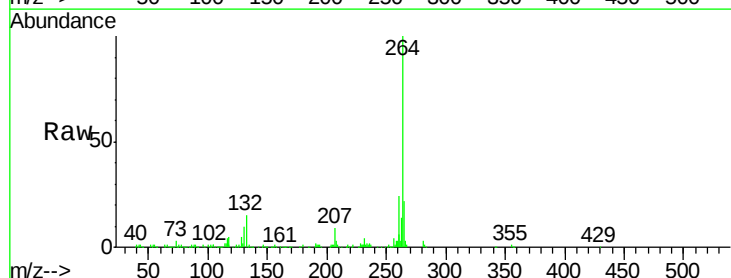
Tgt Ion:264 Resp: 177076

Ion Ratio Lower Upper

264 100

260 24.1 18.0 27.0

265 22.1 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

