

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017253.D
 Acq On : 22 May 2015 19:31
 Operator : TP/IZ
 Sample : PB83561BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83561BL

Quant Time: May 23 01:00:17 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 00:52:32 2015
 Response via : Initial Calibration

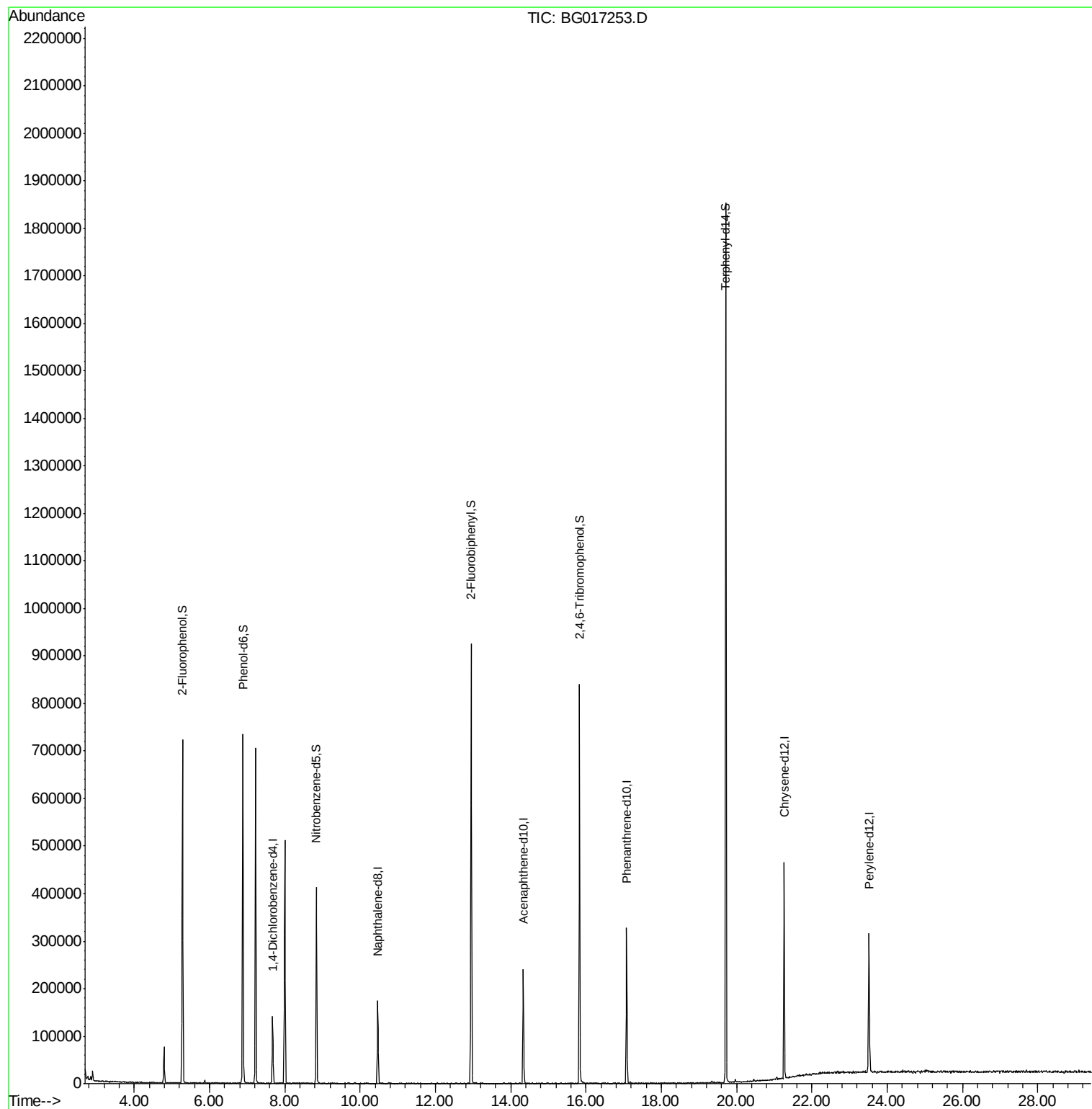
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	32333	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	126925	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	76453	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	170965	20.00	ng	0.00
75) Chrysene-d12	21.26	240	194845	20.00	ng	0.00
86) Perylene-d12	23.51	264	193373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	248241	136.22	ng	0.00
7) Phenol-d6	6.89	99	320292	125.24	ng	0.00
23) Nitrobenzene-d5	8.84	82	210898	77.58	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	115916	125.42	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	420712	80.75	ng	0.00
78) Terphenyl-d14	19.71	244	732178	78.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	513	Below Cal	Qvalue #	6

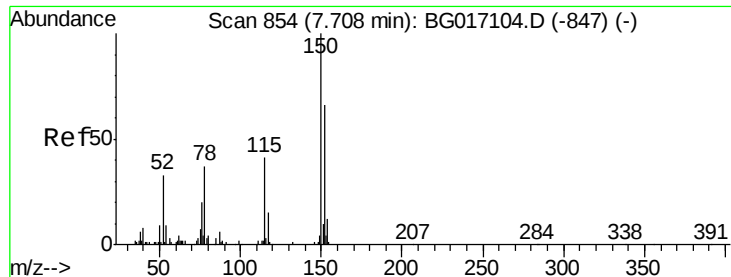
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG017253.D

Acq: 22 May 2015 19:31

Instrument :

BNA_G

ClientSampleId :

PB83561BL

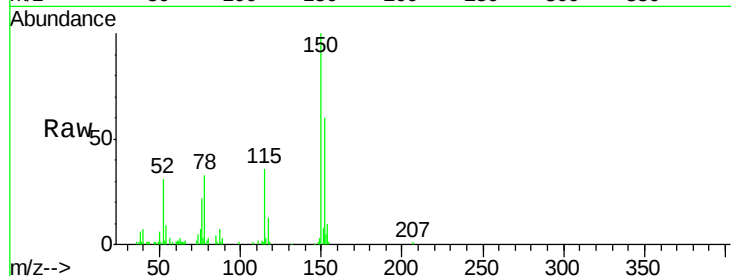
Tgt Ion:152 Resp: 32333

Ion Ratio Lower Upper

152 100

150 165.4 120.8 181.2

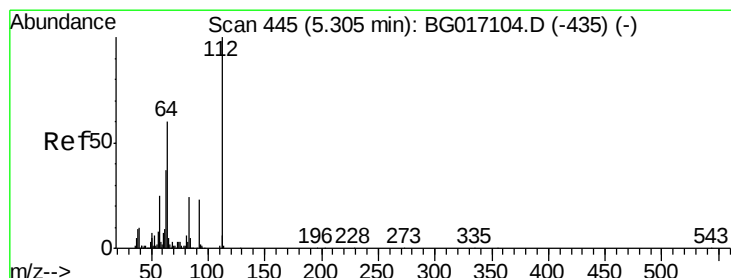
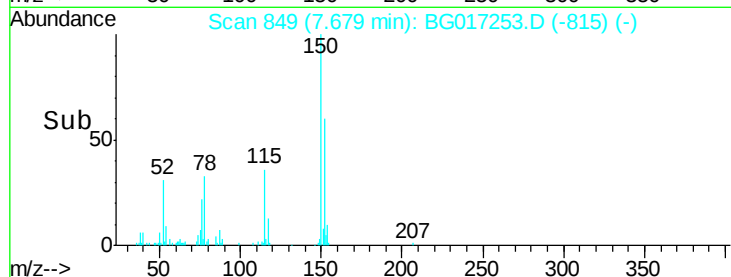
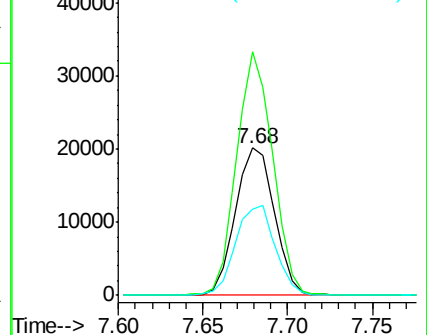
115 58.8 49.4 74.2



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: 136.22 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG017253.D

Acq: 22 May 2015 19:31

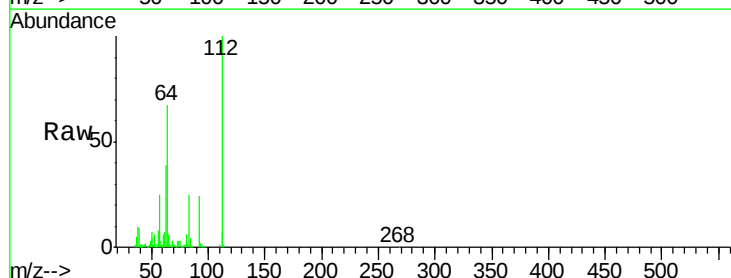
Tgt Ion:112 Resp: 248241

Ion Ratio Lower Upper

112 100

64 66.9 48.1 72.1

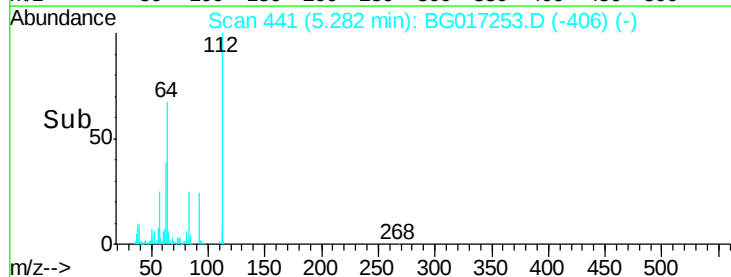
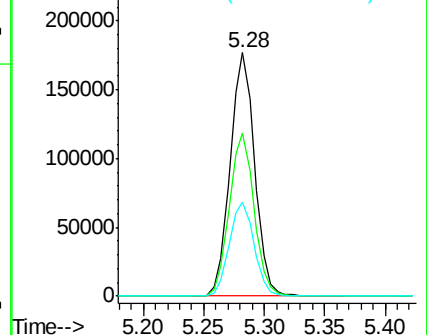
63 38.7 29.8 44.8

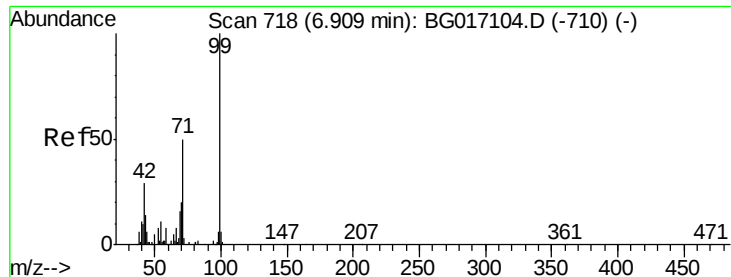


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.24 ng

RT: 6.89 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG017253.D

Acq: 22 May 2015 19:31

Instrument :

BNA_G

ClientSampleId :

PB83561BL

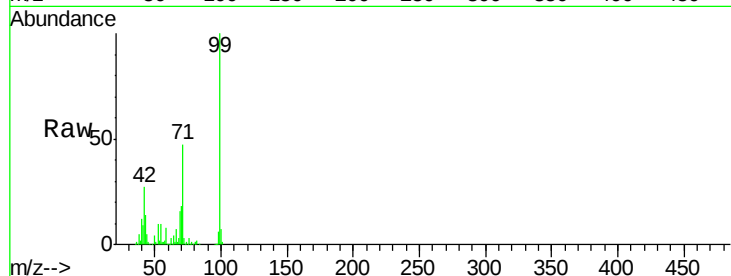
Tgt Ion: 99 Resp: 320292

Ion Ratio Lower Upper

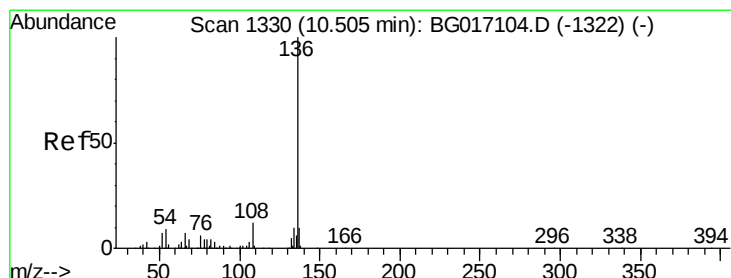
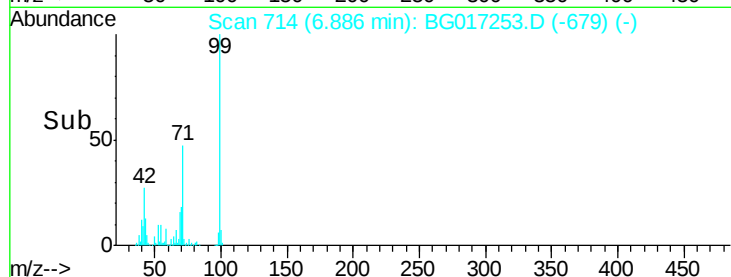
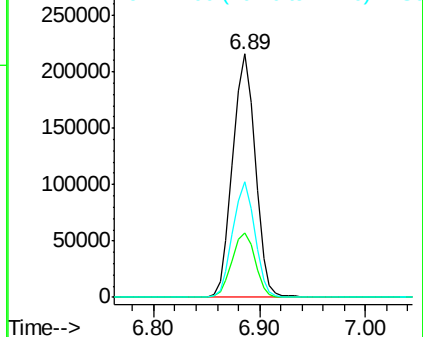
99 100

42 26.7 23.5 35.3

71 47.3 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: 10.47 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG017253.D

Acq: 22 May 2015 19:31

Tgt Ion: 136 Resp: 126925

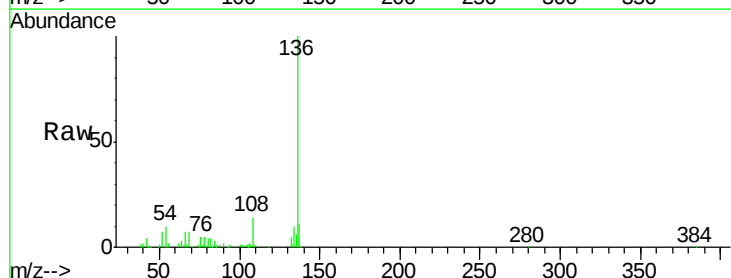
Ion Ratio Lower Upper

136 100

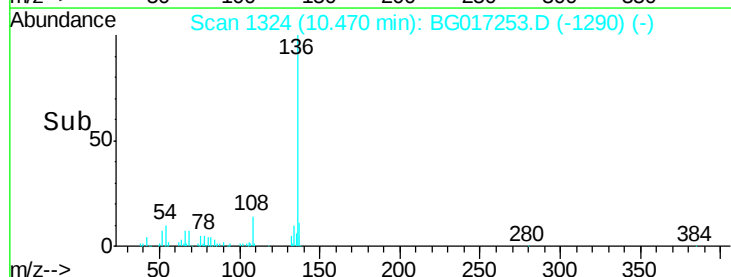
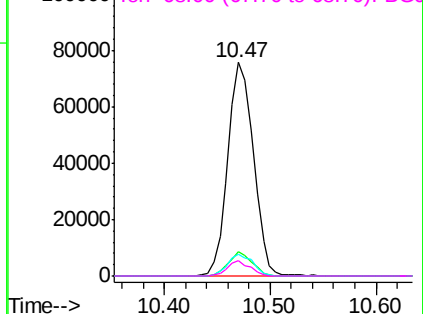
137 11.5 8.3 12.5

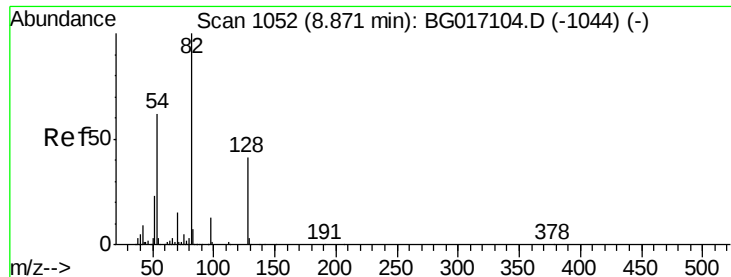
54 9.9 7.4 11.2

68 7.3 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

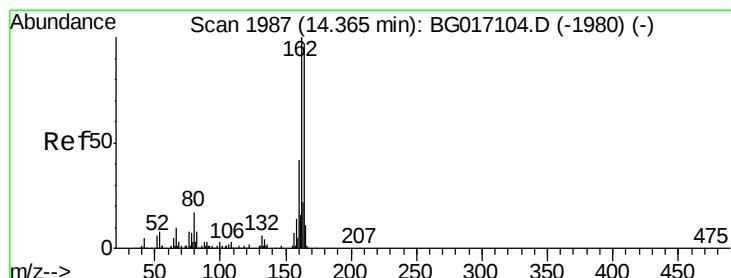
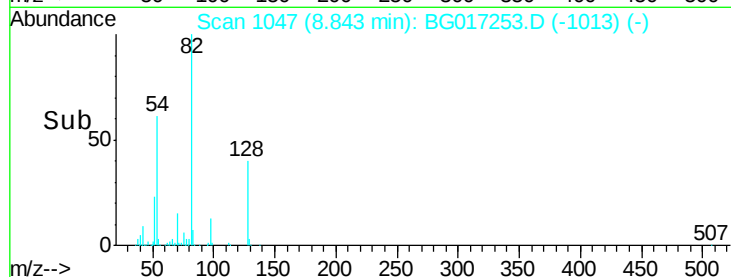
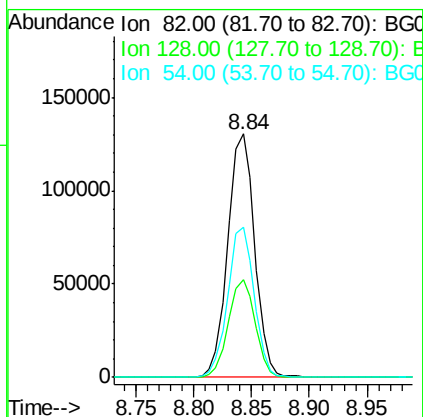
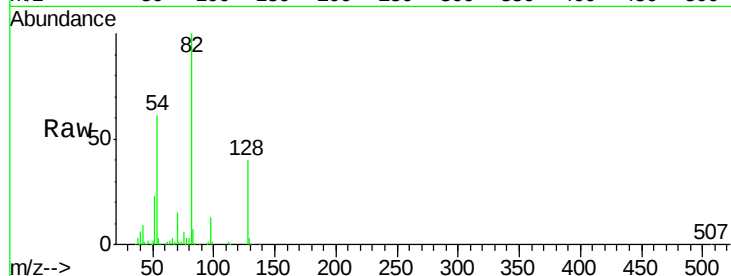




#23
 Nitrobenzene-d5
 Concen: 77.58 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG017253.D
 Acq: 22 May 2015 19:31

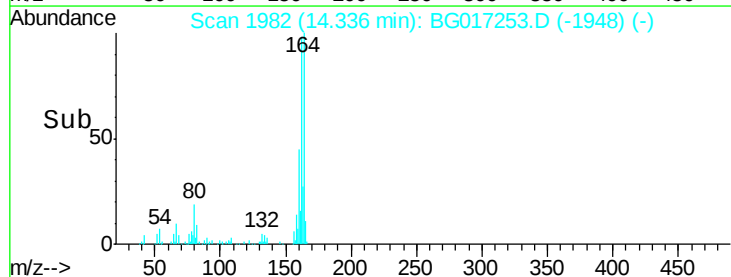
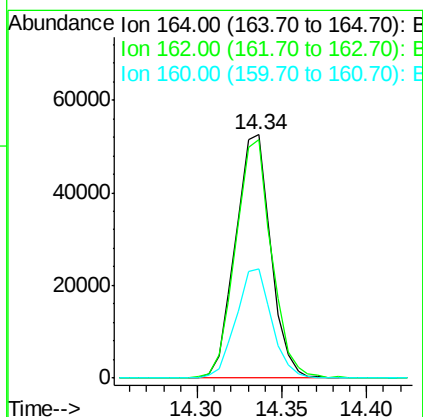
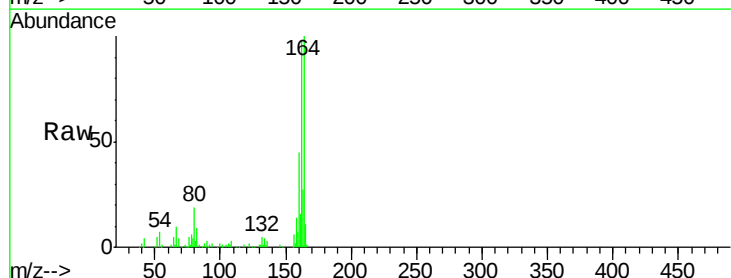
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BL

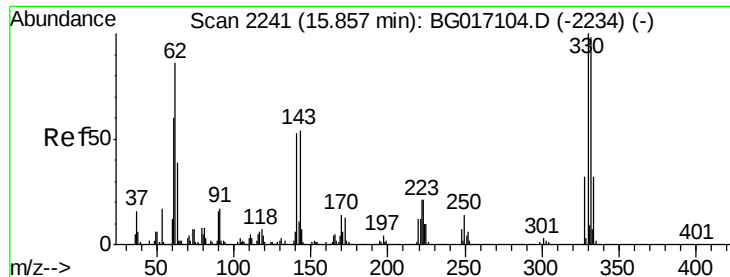
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.6	49.0
54	61.5	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG017253.D
 Acq: 22 May 2015 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	82.1	123.1
160	44.9	34.8	52.2

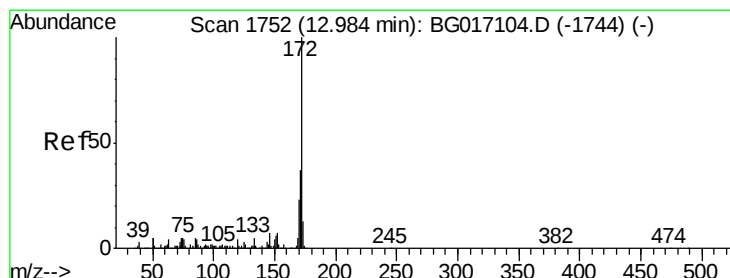
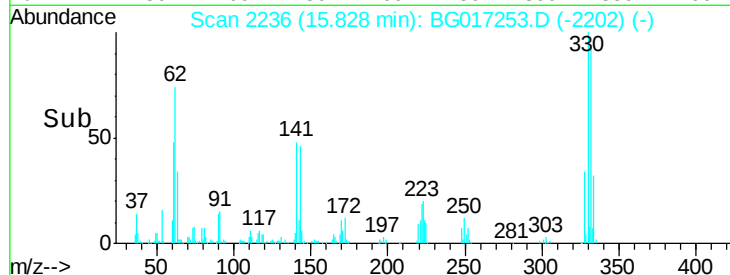
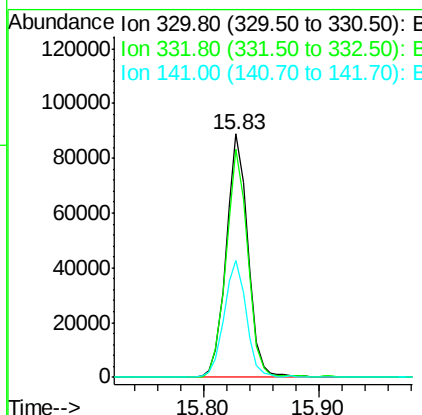
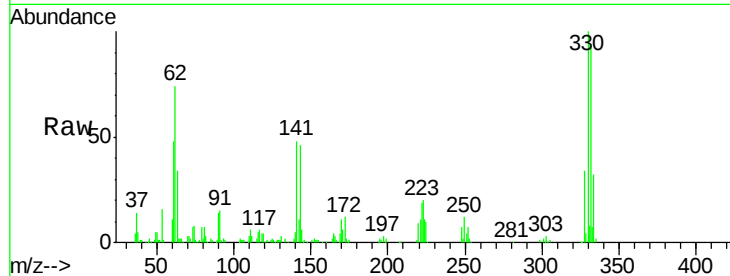




#41
 2,4,6-Tribromophenol
 Concen: 125.42 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG017253.D
 Acq: 22 May 2015 19:31

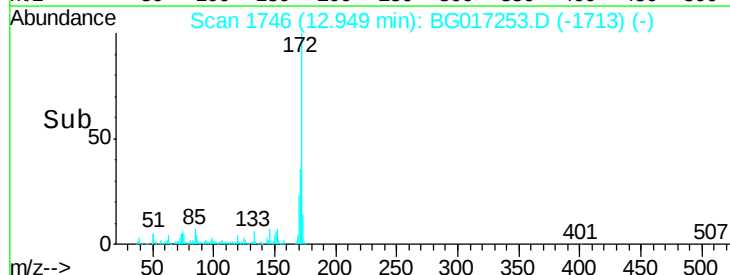
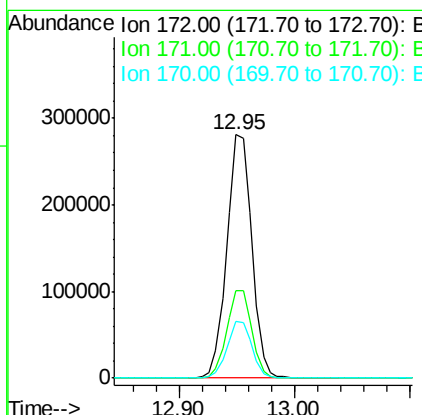
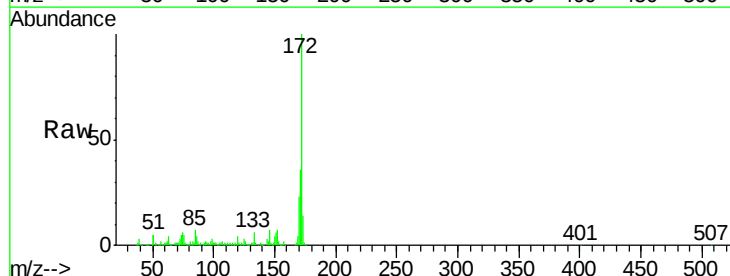
Instrument :
 BNA_G
 ClientSampleId :
 PB83561BL

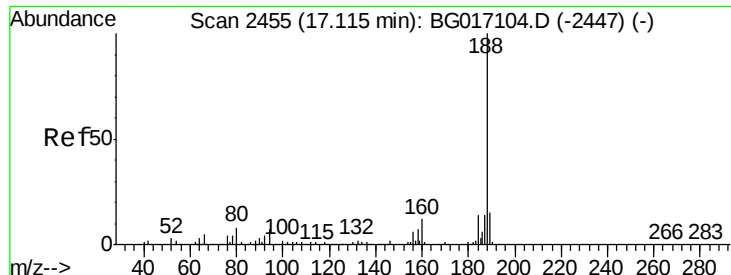
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.9	115.3
141	48.6	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 80.75 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG017253.D
 Acq: 22 May 2015 19:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.2	18.4	27.6

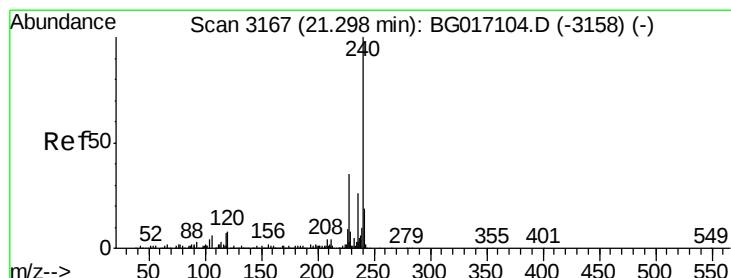
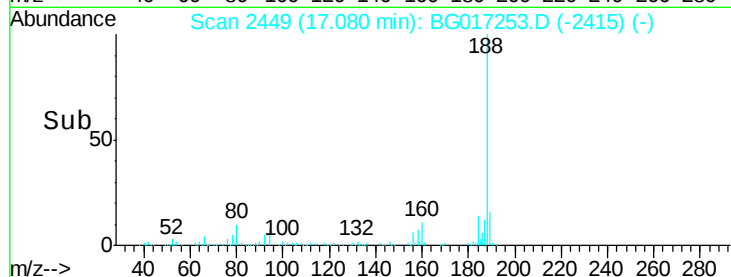
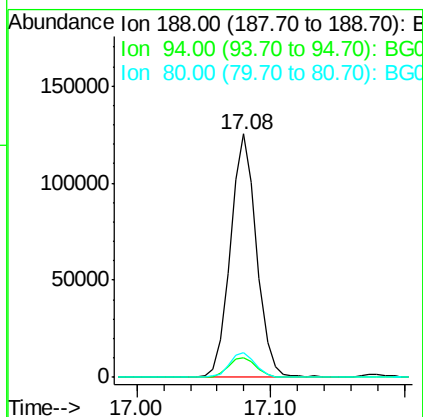
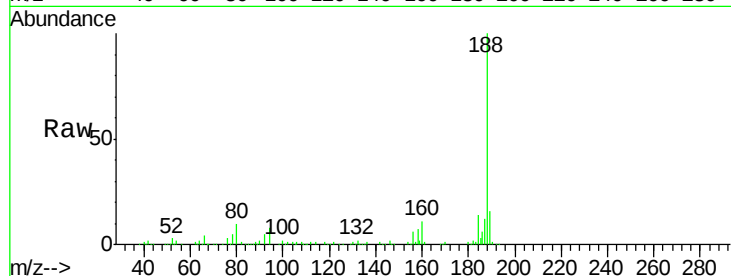




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

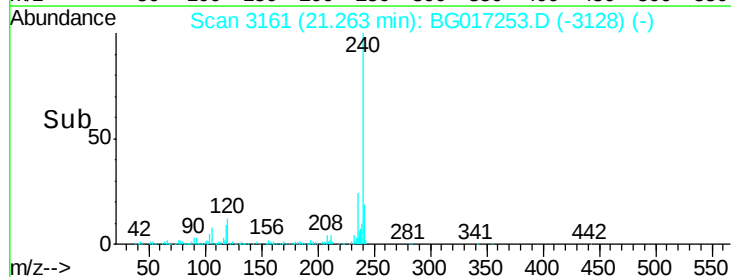
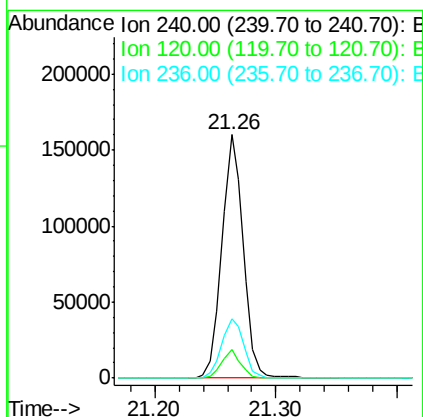
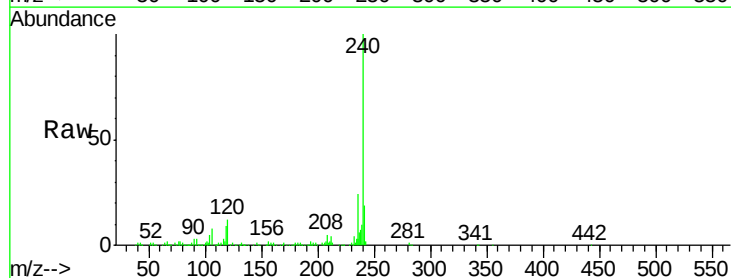
Instrument :
BNA_G
ClientSampleId :
PB83561BL

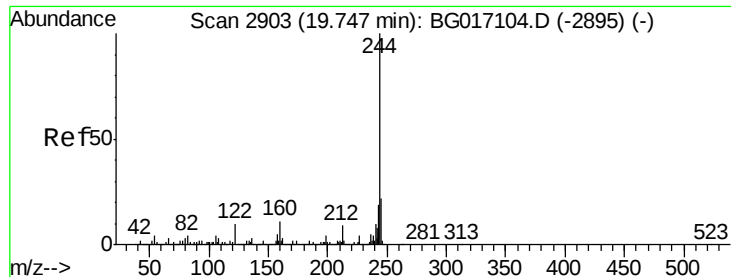
Tgt Ion:188 Resp: 170965
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.6
80 10.2 6.5 9.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG017253.D
Acq: 22 May 2015 19:31

Tgt Ion:240 Resp: 194845
Ion Ratio Lower Upper
240 100
120 11.9 6.0 9.0#
236 24.3 20.5 30.7





#78

Terphenyl-d14

Concen: 78.31 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG017253.D

Acq: 22 May 2015 19:31

Instrument :

BNA_G

ClientSampleId :

PB83561BL

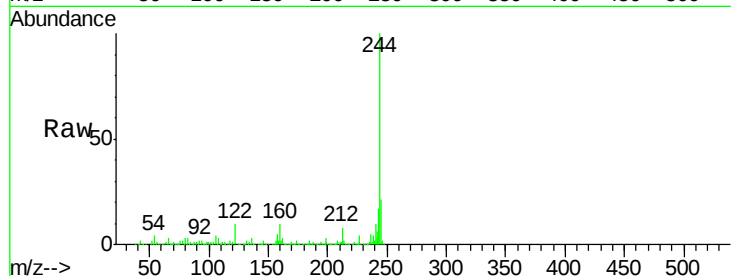
Tgt Ion:244 Resp: 732178

Ion Ratio Lower Upper

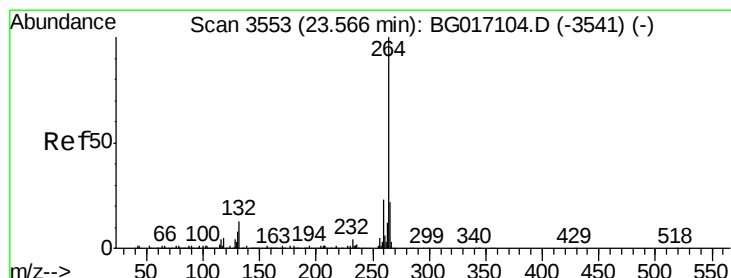
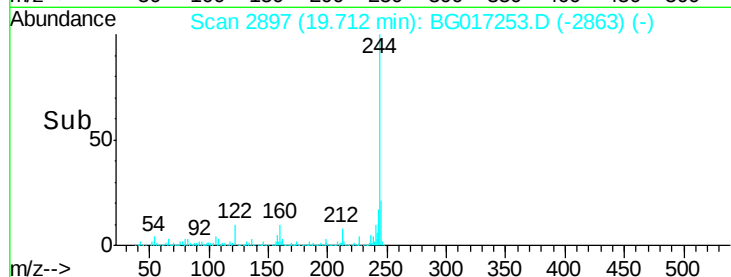
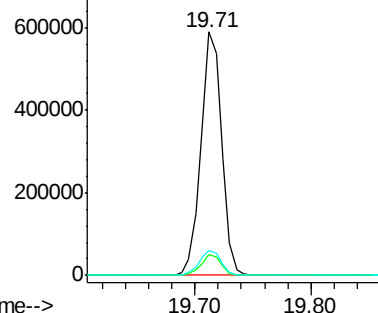
244 100

212 8.4 7.0 10.4

122 10.4 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# 3544

Delta R.T. -0.01 min

Lab File: BG017253.D

Acq: 22 May 2015 19:31

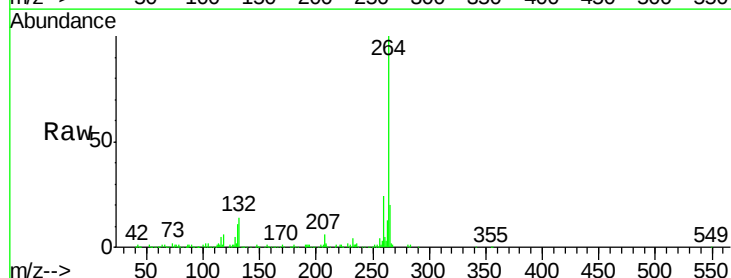
Tgt Ion:264 Resp: 193373

Ion Ratio Lower Upper

264 100

260 23.7 18.0 27.0

265 20.1 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

