

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017037.D
 Acq On : 10 May 2015 23:36
 Operator : TP/IZ
 Sample : G2109-03
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-34

Quant Time: May 11 05:38:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 05:17:53 2015
 Response via : Initial Calibration

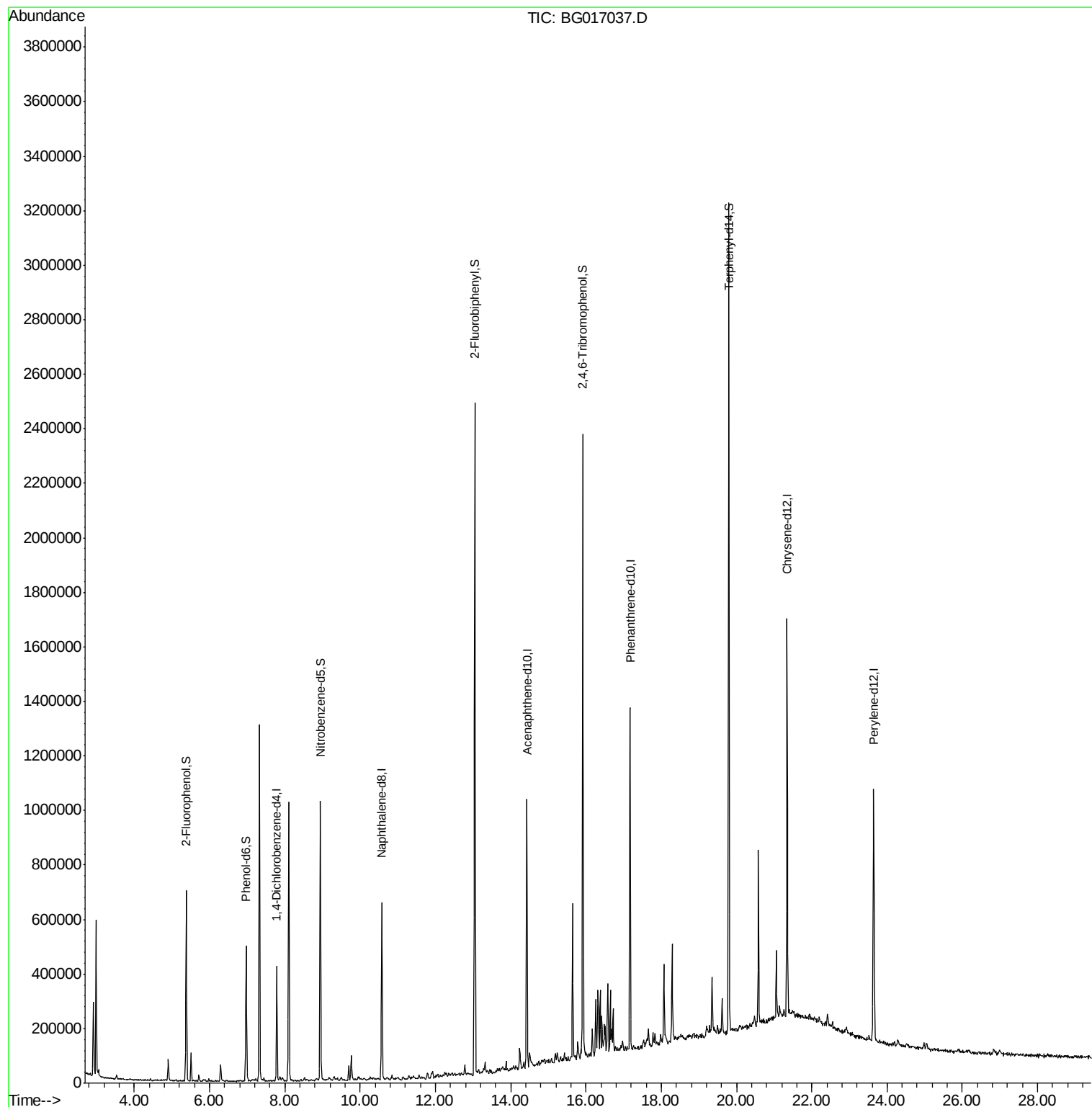
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	98385	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	471727	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	317780	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	678606	20.00	ng	0.00
75) Chrysene-d12	21.34	240	653269	20.00	ng	0.00
86) Perylene-d12	23.64	264	638897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	247155	43.74	ng	0.00
7) Phenol-d6	6.97	99	232131	28.76	ng	0.00
23) Nitrobenzene-d5	8.95	82	533682	55.27	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	322850	101.20	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1124181	53.38	ng	0.00
78) Terphenyl-d14	19.79	244	1223154	43.89	ng	0.00
Target Compounds						
32) Benzoic acid	10.02	122	518	Below Cal	Qvalue #	34

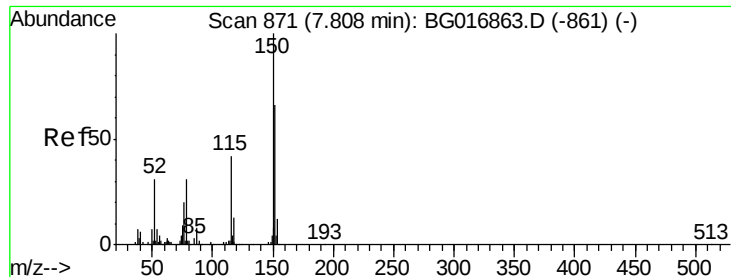
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. 0.00 min

Lab File: BG017037.D

Acq: 10 May 2015 23:36

Instrument :

BNA_G

ClientSampleId :

W-34

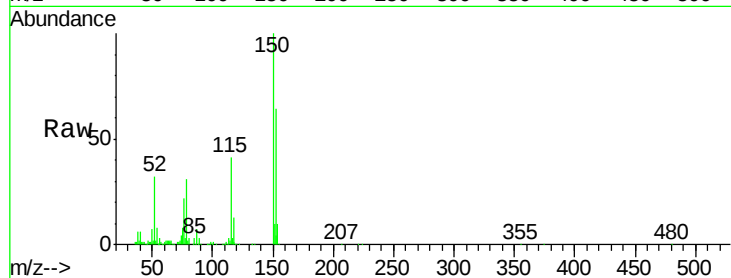
Tgt Ion:152 Resp: 98385

Ion Ratio Lower Upper

152 100

150 155.9 121.0 181.4

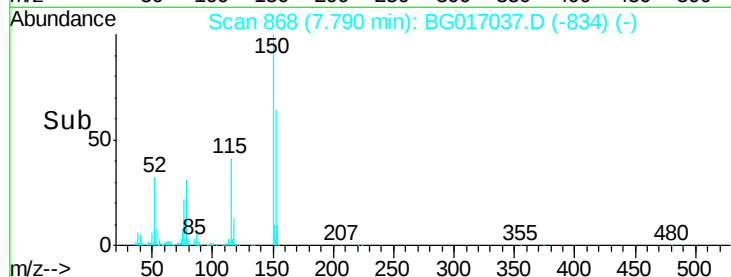
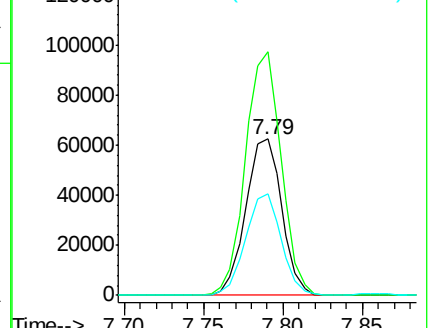
115 64.7 50.5 75.7



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: 43.74 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG017037.D

Acq: 10 May 2015 23:36

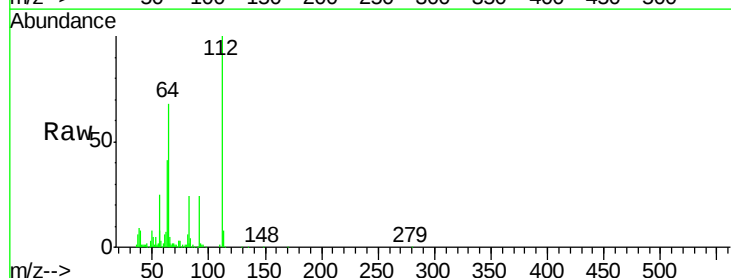
Tgt Ion:112 Resp: 247155

Ion Ratio Lower Upper

112 100

64 67.6 51.4 77.2

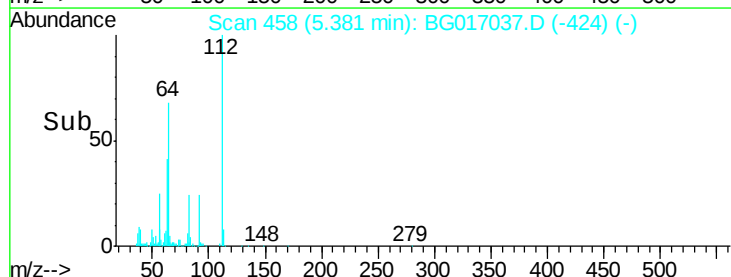
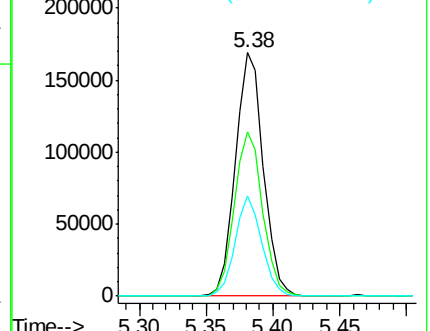
63 41.4 28.1 42.1

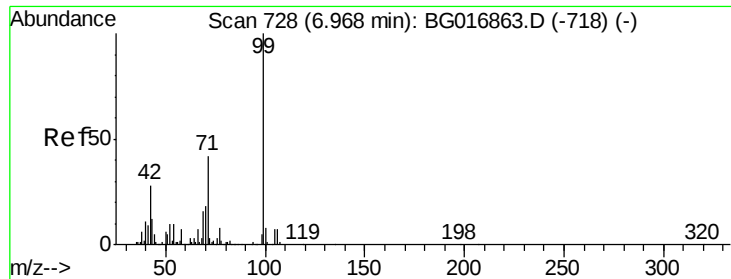


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 28.76 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG017037.D

Acq: 10 May 2015 23:36

Instrument :

BNA_G

ClientSampleId :

W-34

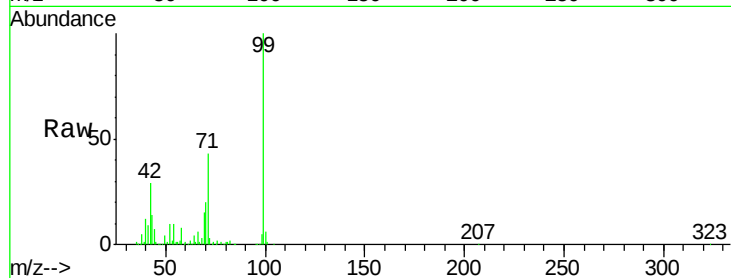
Tgt Ion: 99 Resp: 232131

Ion Ratio Lower Upper

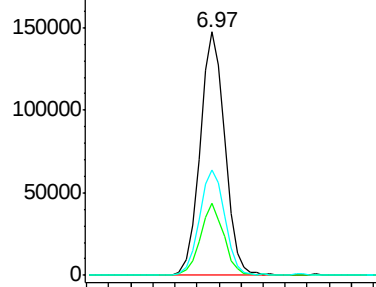
99 100

42 29.5 22.1 33.1

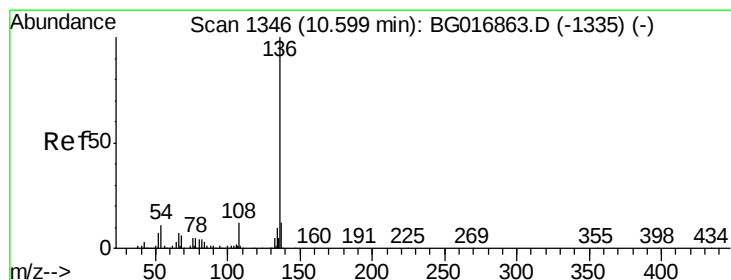
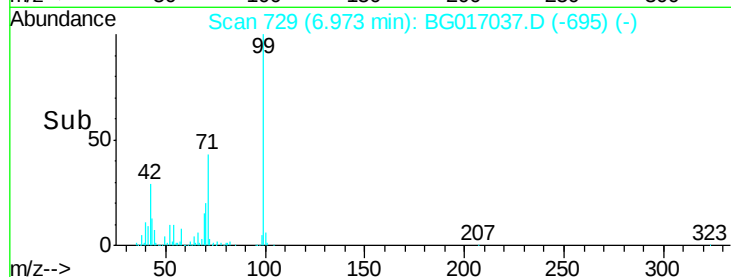
71 43.4 33.4 50.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG017037.D

Acq: 10 May 2015 23:36

Tgt Ion: 136 Resp: 471727

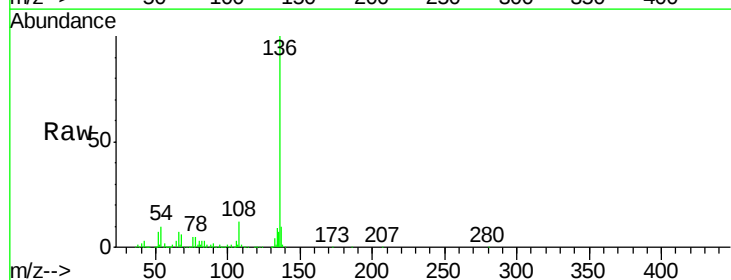
Ion Ratio Lower Upper

136 100

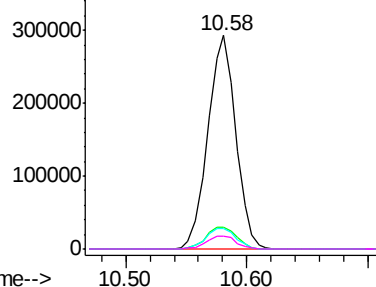
137 10.4 9.8 14.8

54 9.6 8.7 13.1

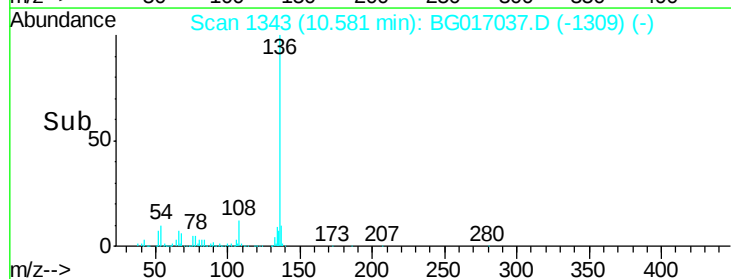
68 5.8 5.0 7.4



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



Time-->

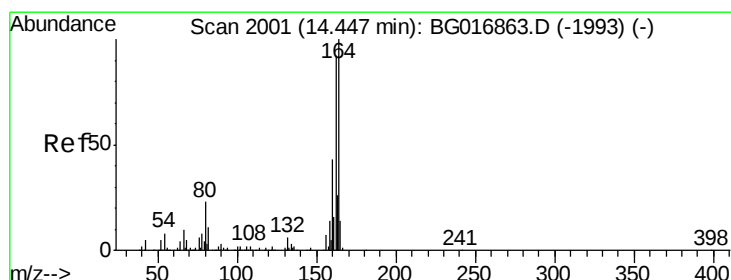
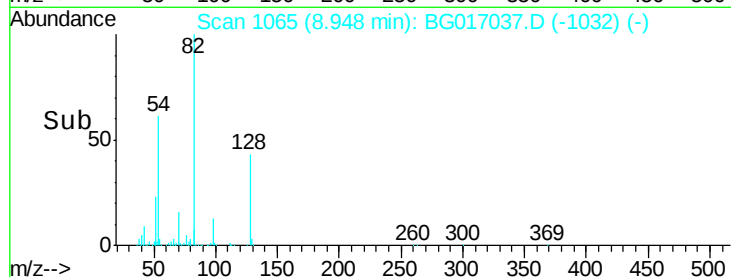
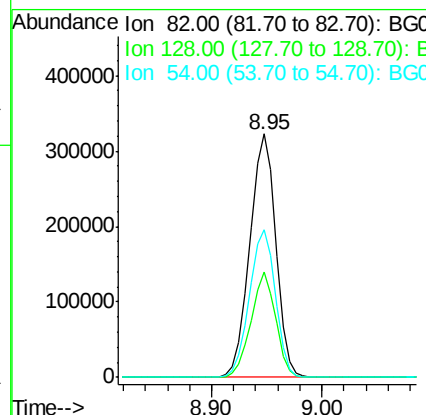
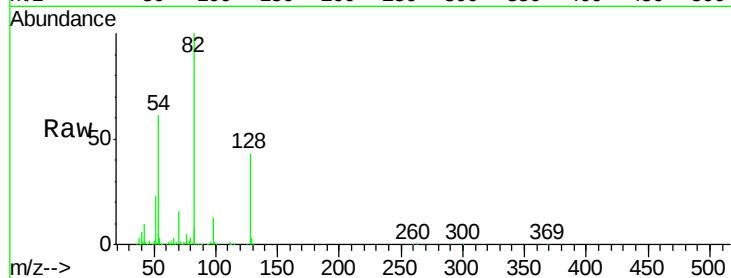




#23
 Nitrobenzene-d5
 Concen: 55.27 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG017037.D
 Acq: 10 May 2015 23:36

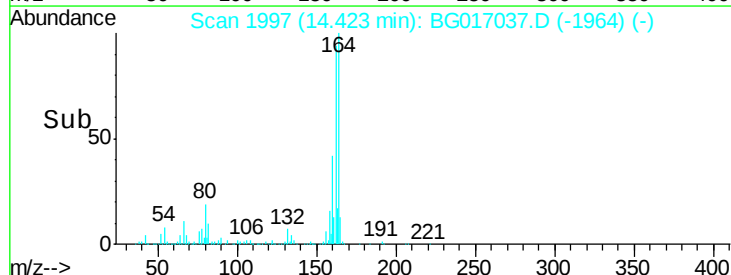
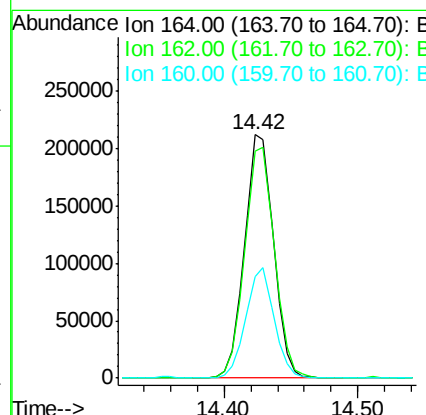
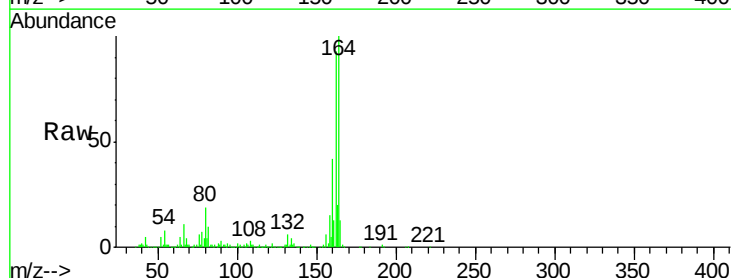
Instrument :
 BNA_G
 ClientSampleId :
 W-34

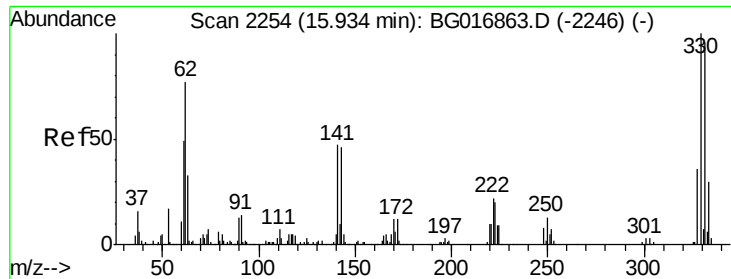
Tgt Ion: 82 Resp: 533682
 Ion Ratio Lower Upper
 82 100
 128 43.3 33.2 49.8
 54 60.9 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BG017037.D
 Acq: 10 May 2015 23:36

Tgt Ion: 164 Resp: 317780
 Ion Ratio Lower Upper
 164 100
 162 93.1 74.0 111.0
 160 41.9 34.7 52.1

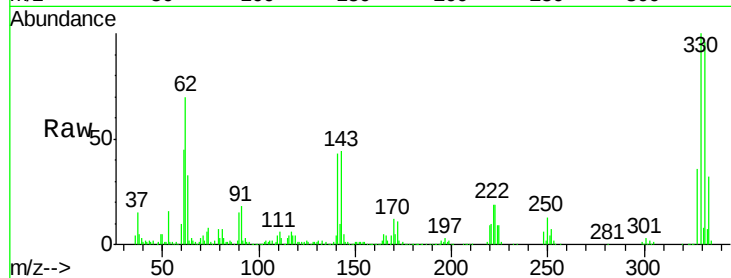




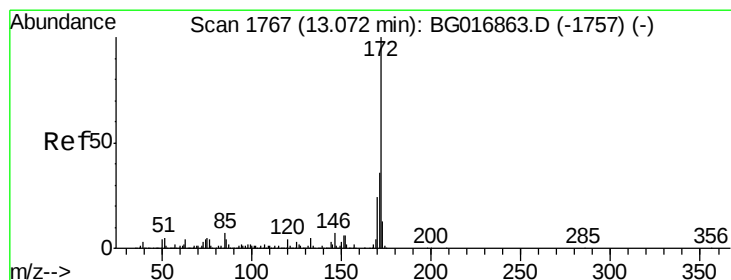
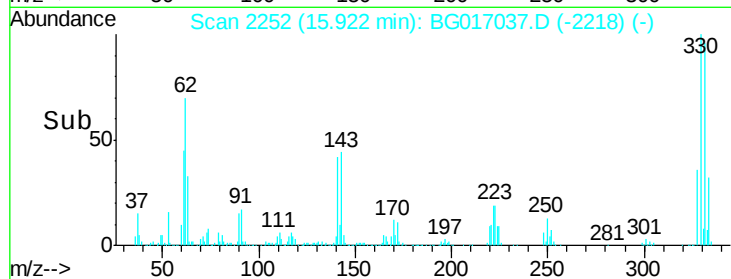
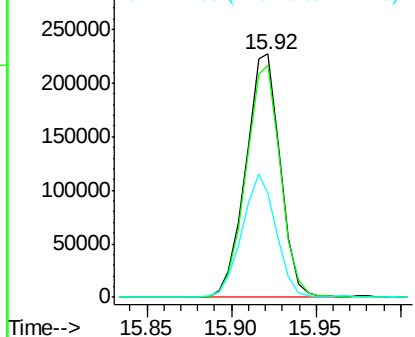
#41
 2,4,6-Tribromophenol
 Concen: 101.20 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BG017037.D
 Acq: 10 May 2015 23:36

Instrument :
 BNA_G
 ClientSampleId :
 W-34

Tgt Ion:330 Resp: 322850
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 49.9 0.0 0.0#

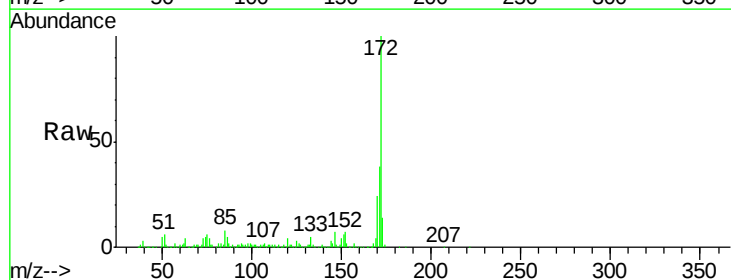


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

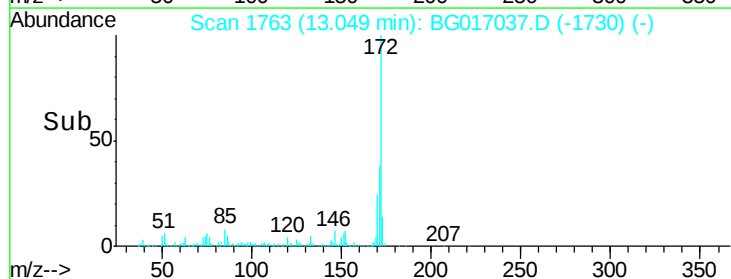
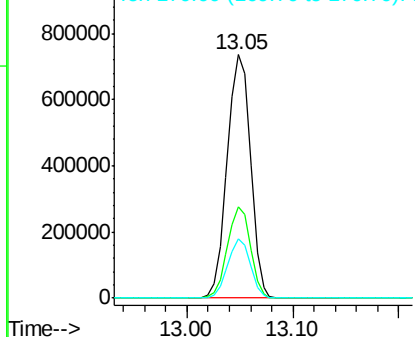


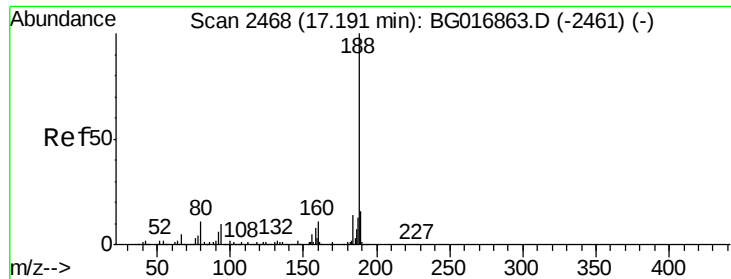
#44
 2-Fluorobiphenyl
 Concen: 53.38 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BG017037.D
 Acq: 10 May 2015 23:36

Tgt Ion:172 Resp: 1124181
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.4
 170 24.4 19.0 28.4



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

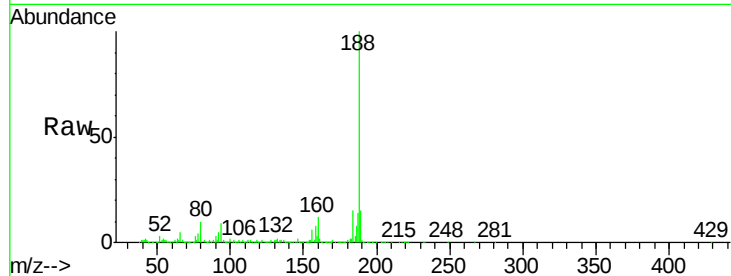




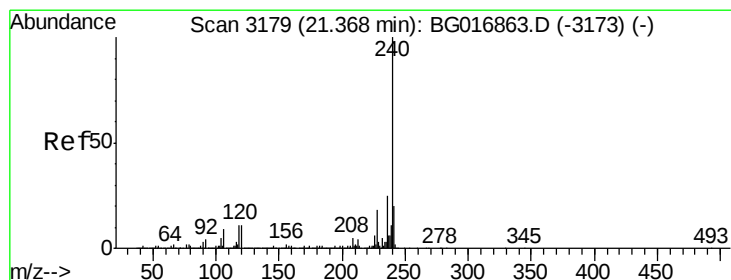
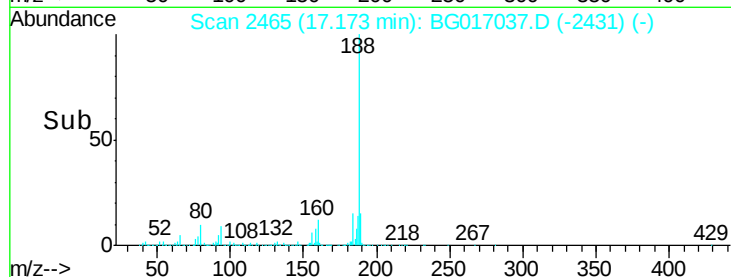
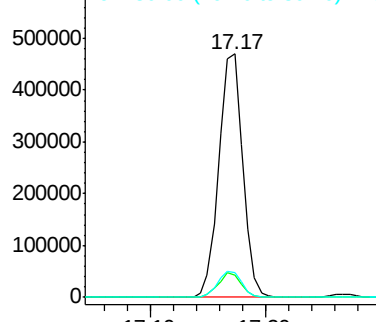
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BG017037.D
Acq: 10 May 2015 23:36

Instrument :
BNA_G
ClientSampleId :
W-34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.4
80	10.2	8.8	13.2

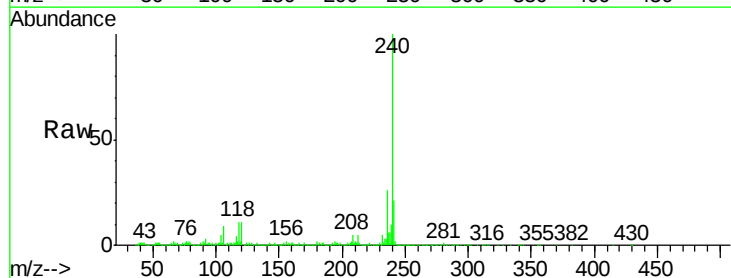


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

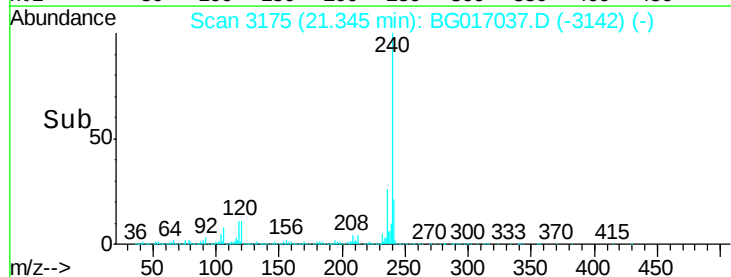
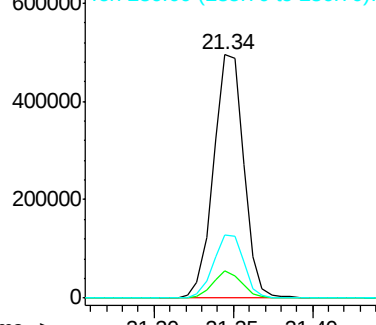


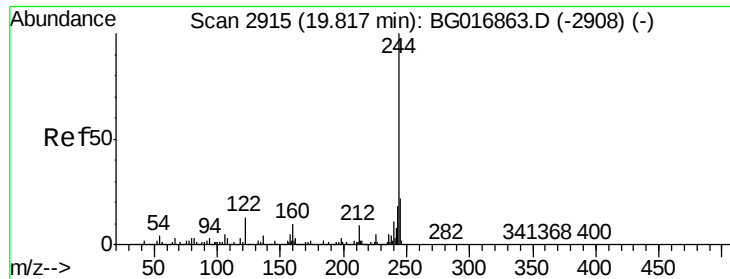
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG017037.D
Acq: 10 May 2015 23:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.1	13.7
236	26.1	20.2	30.4



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: 43.89 ng

RT: 19.79 min Scan# 2911

Delta R.T. -0.00 min

Lab File: BG017037.D

Acq: 10 May 2015 23:36

Instrument :

BNA_G

ClientSampleId :

W-34

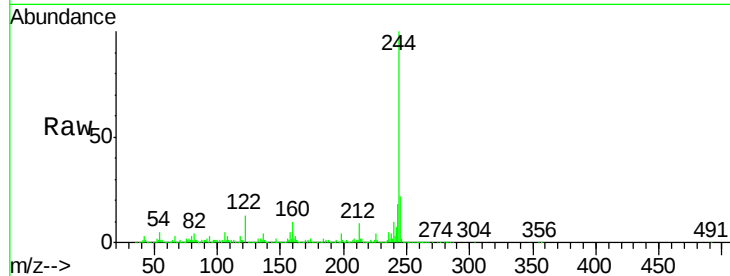
Tgt Ion:244 Resp: 1223154

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

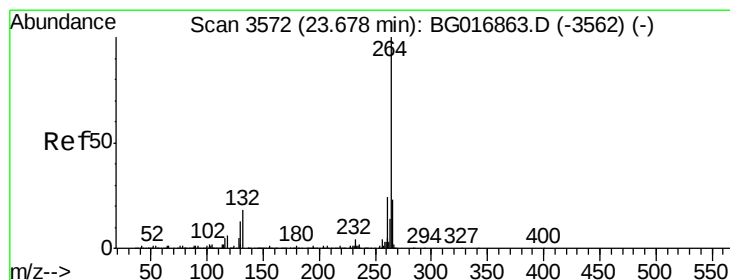
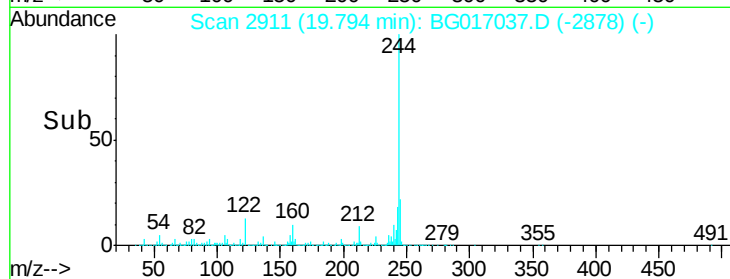
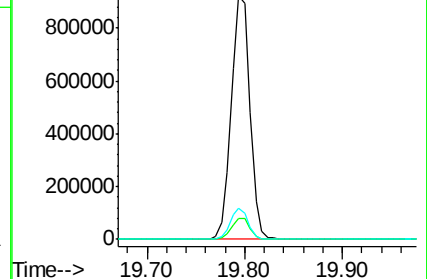
122 12.9 10.4 15.6



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: 23.64 min Scan# 3566

Delta R.T. -0.00 min

Lab File: BG017037.D

Acq: 10 May 2015 23:36

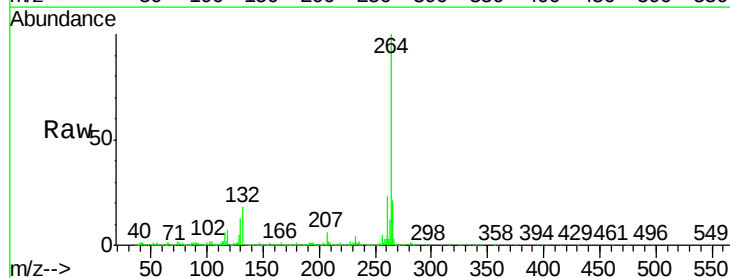
Tgt Ion:264 Resp: 638897

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.2 18.5 27.7



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

