

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017038.D
 Acq On : 11 May 2015 00:11
 Operator : TP/IZ
 Sample : G2109-04
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-35

Quant Time: May 11 05:38:22 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

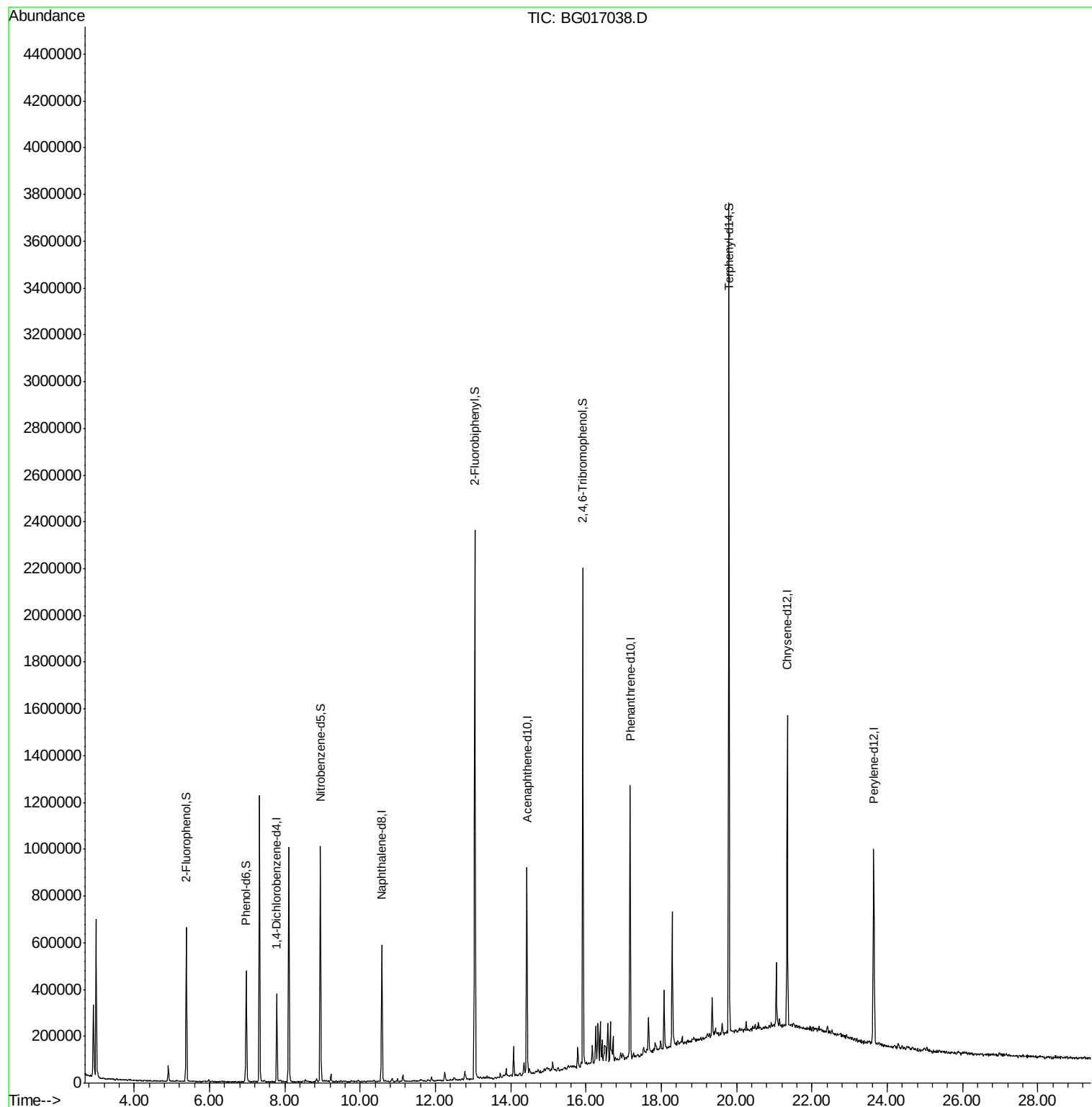
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	86239	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	420257	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	290317	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	620389	20.00	ng	0.00
75) Chrysene-d12	21.35	240	590028	20.00	ng	0.00
86) Perylene-d12	23.65	264	595574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	243672	49.20	ng	0.00
7) Phenol-d6	6.98	99	226932	32.07	ng	0.00
23) Nitrobenzene-d5	8.95	82	514670	59.83	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	306095	105.02	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1089930	56.65	ng	0.00
78) Terphenyl-d14	19.80	244	1333204	52.97	ng	0.00
Target Compounds						
32) Benzoic acid	9.83	122	69	Below Cal	Qvalue #	1

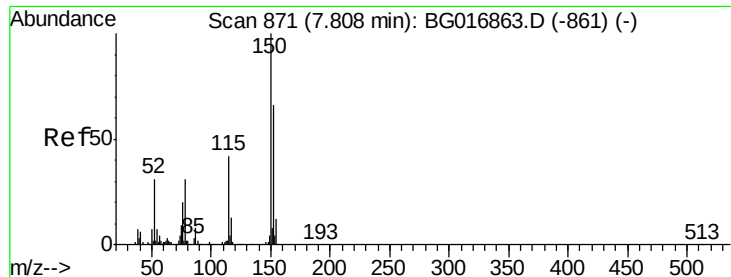
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017038.D

Acq: 11 May 2015 00:11

Instrument :

BNA_G

ClientSampleId :

W-35

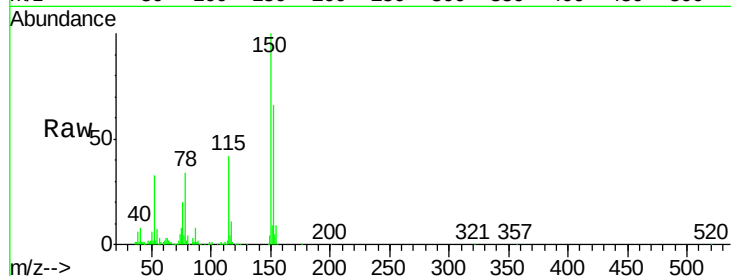
Tgt Ion:152 Resp: 86239

Ion Ratio Lower Upper

152 100

150 150.6 121.0 181.4

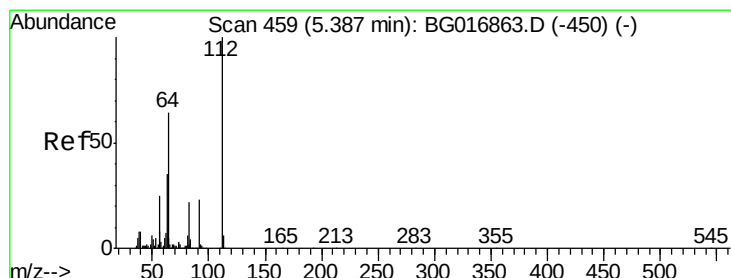
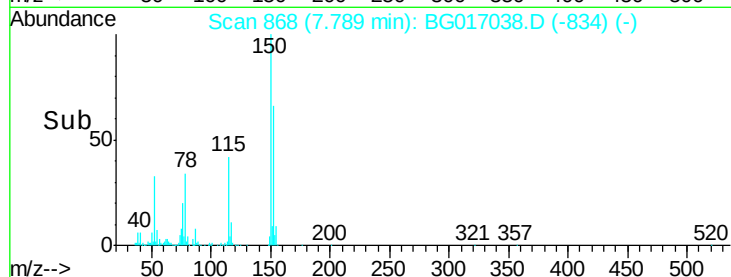
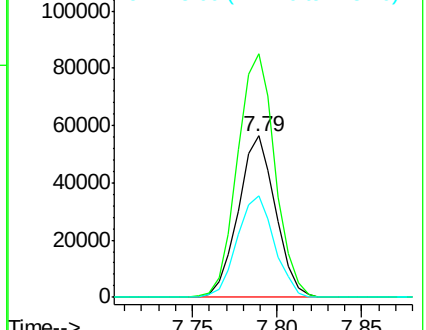
115 62.8 50.5 75.7



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: 49.20 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG017038.D

Acq: 11 May 2015 00:11

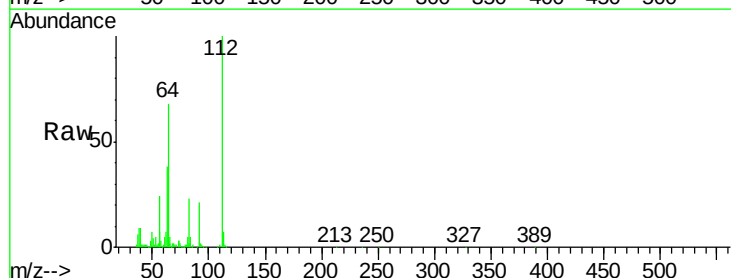
Tgt Ion:112 Resp: 243672

Ion Ratio Lower Upper

112 100

64 68.5 51.4 77.2

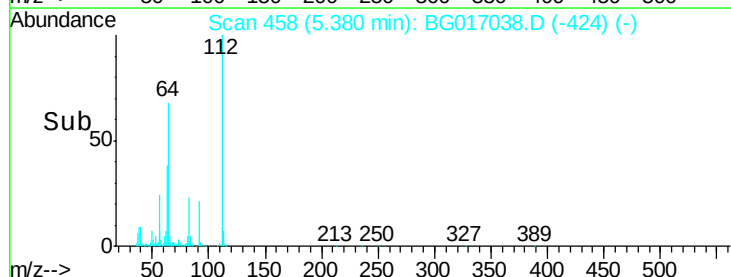
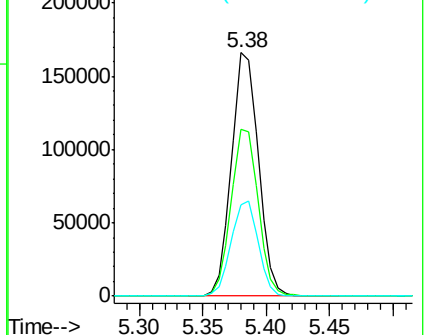
63 37.6 28.1 42.1

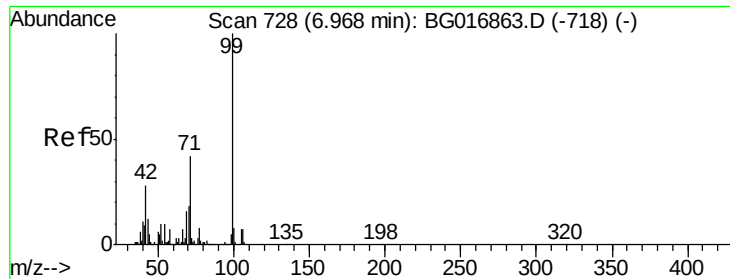


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 32.07 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG017038.D

Acq: 11 May 2015 00:11

Instrument :

BNA_G

ClientSampleId :

W-35

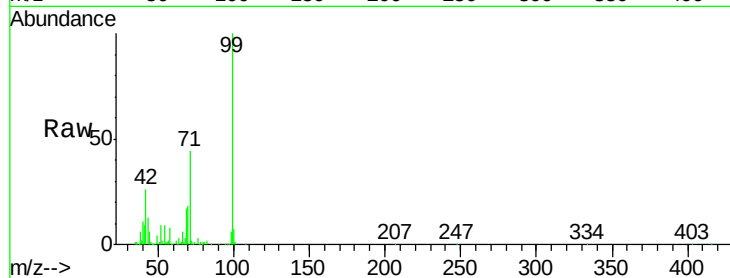
Tgt Ion: 99 Resp: 226932

Ion Ratio Lower Upper

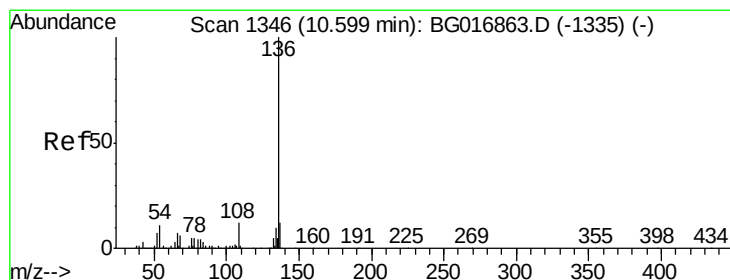
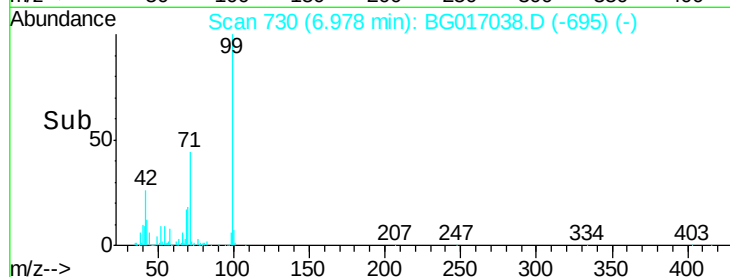
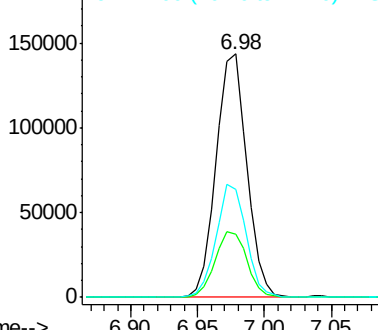
99 100

42 25.8 22.1 33.1

71 44.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG017038.D

Acq: 11 May 2015 00:11

Tgt Ion: 136 Resp: 420257

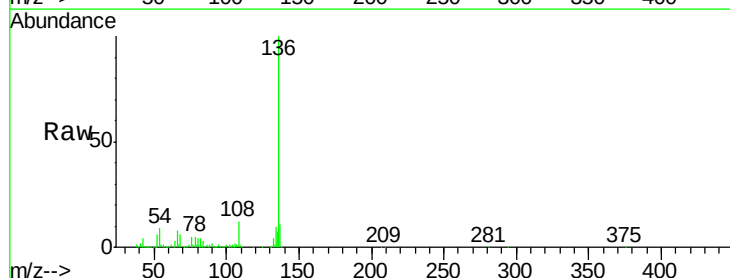
Ion Ratio Lower Upper

136 100

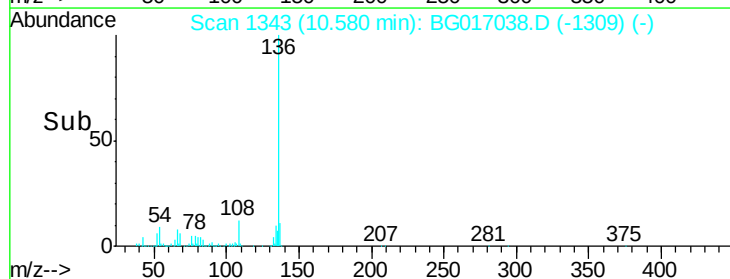
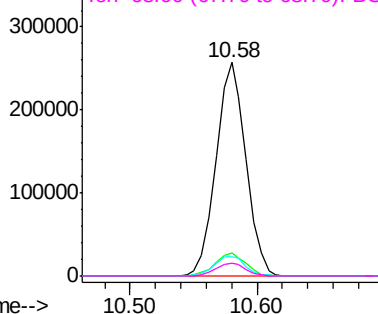
137 11.0 9.8 14.8

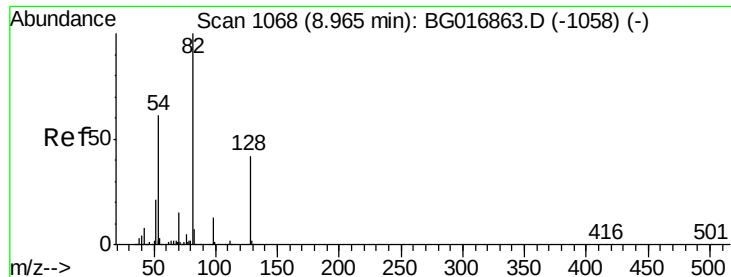
54 9.0 8.7 13.1

68 5.7 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

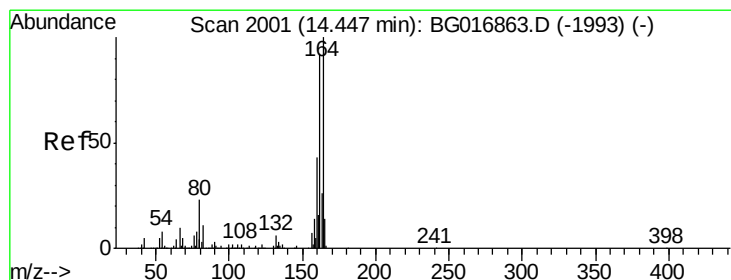
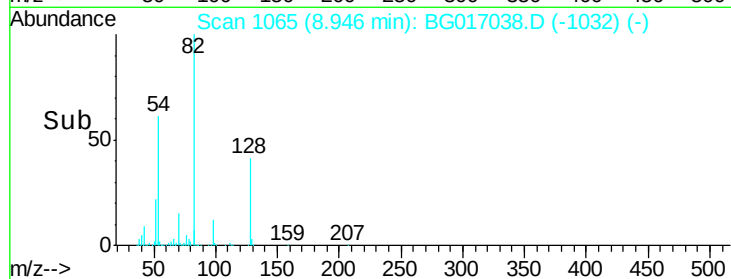
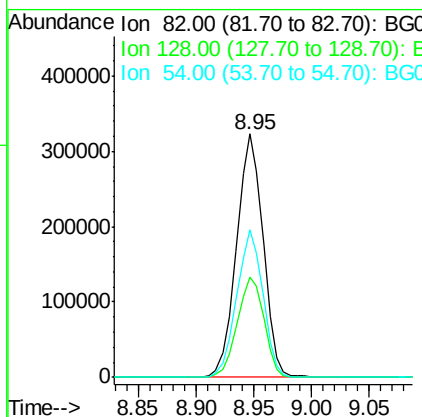
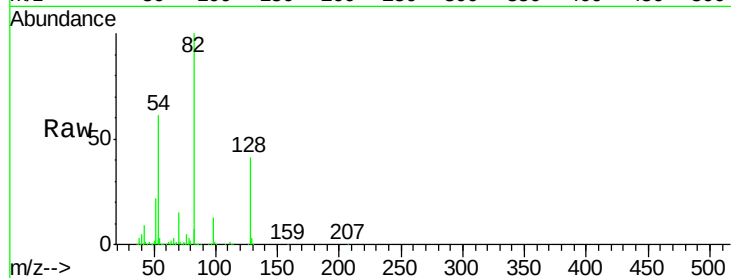




#23
 Nitrobenzene-d5
 Concen: 59.83 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BG017038.D
 Acq: 11 May 2015 00:11

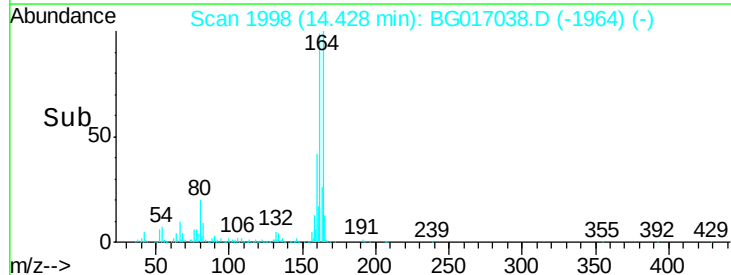
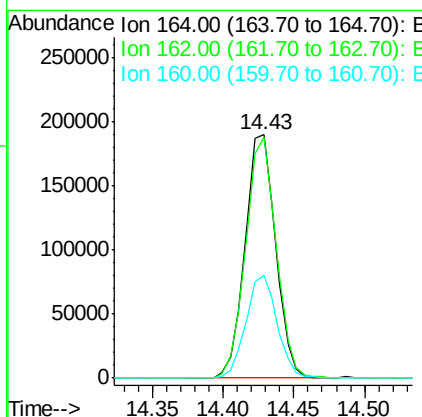
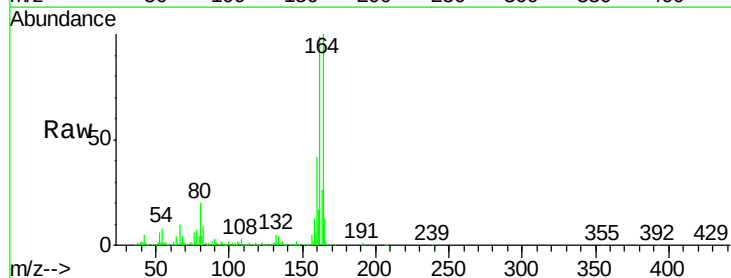
Instrument :
 BNA_G
 ClientSampleId :
 W-35

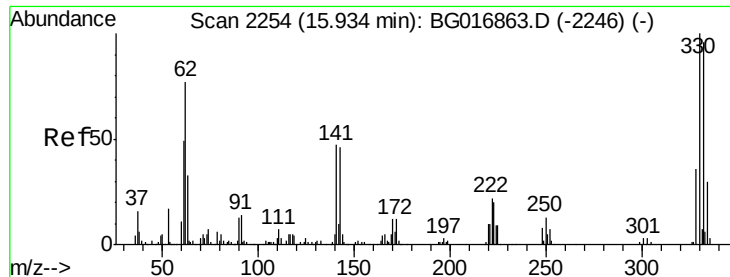
Tgt Ion: 82 Resp: 514670
 Ion Ratio Lower Upper
 82 100
 128 41.0 33.2 49.8
 54 60.8 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BG017038.D
 Acq: 11 May 2015 00:11

Tgt Ion: 164 Resp: 290317
 Ion Ratio Lower Upper
 164 100
 162 98.8 74.0 111.0
 160 42.4 34.7 52.1

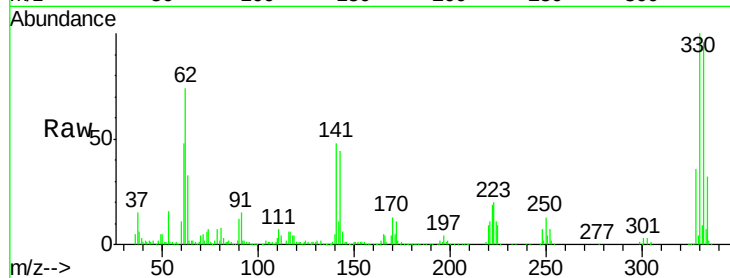




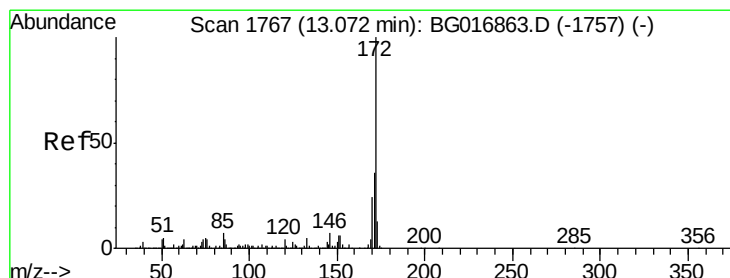
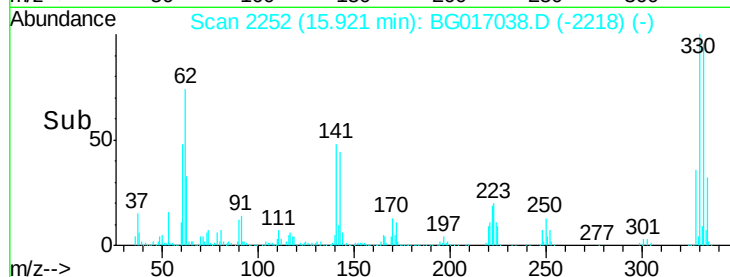
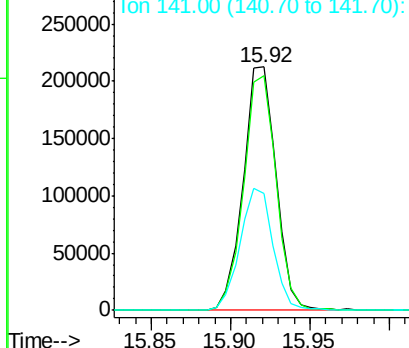
#41
 2,4,6-Tribromophenol
 Concen: 105.02 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BG017038.D
 Acq: 11 May 2015 00:11

Instrument :
 BNA_G
 ClientSampleId :
 W-35

Tgt Ion:330 Resp: 306095
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 51.2 0.0 0.0#

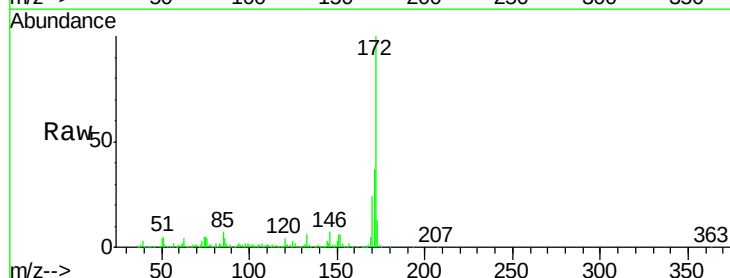


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

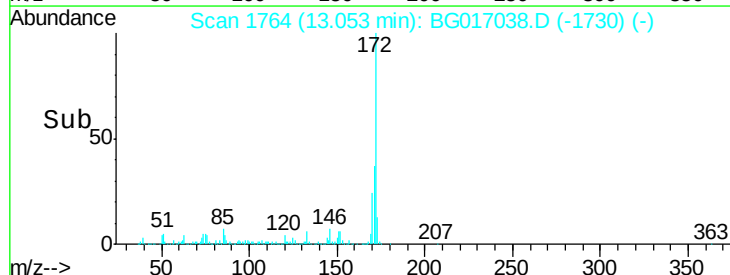
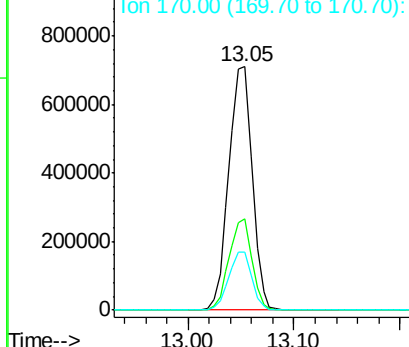


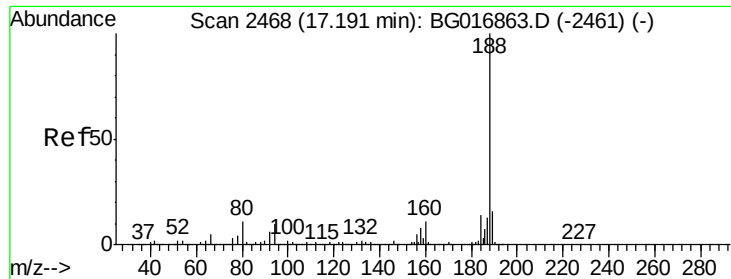
#44
 2-Fluorobiphenyl
 Concen: 56.65 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BG017038.D
 Acq: 11 May 2015 00:11

Tgt Ion:172 Resp: 1089930
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.0 43.4
 170 23.7 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

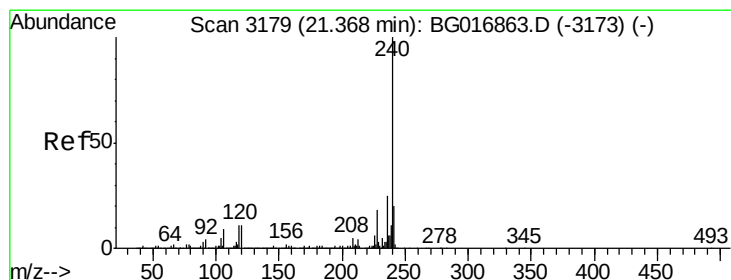
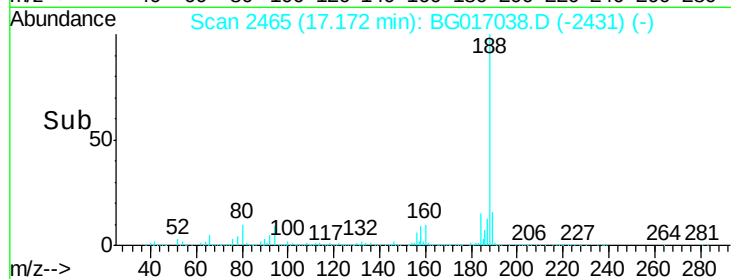
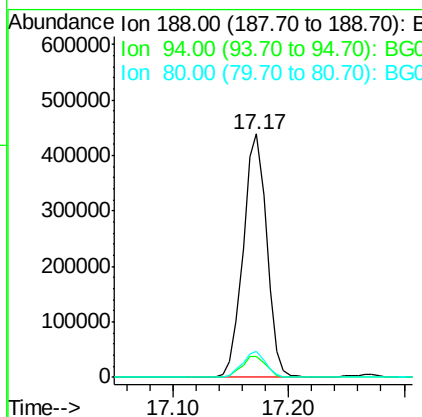
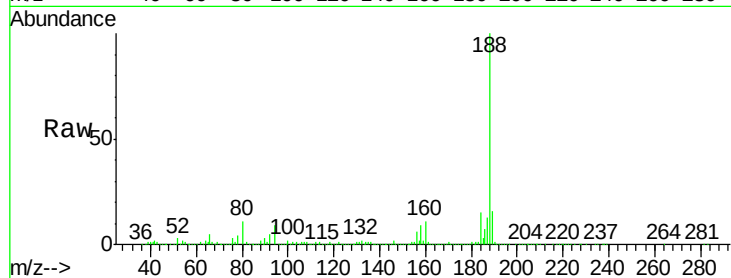




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BG017038.D
Acq: 11 May 2015 00:11

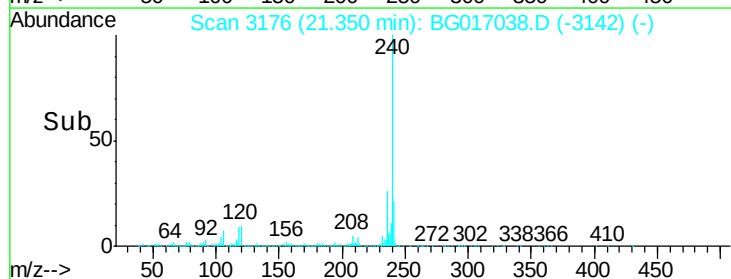
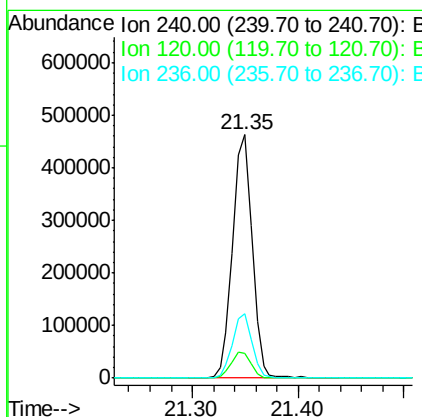
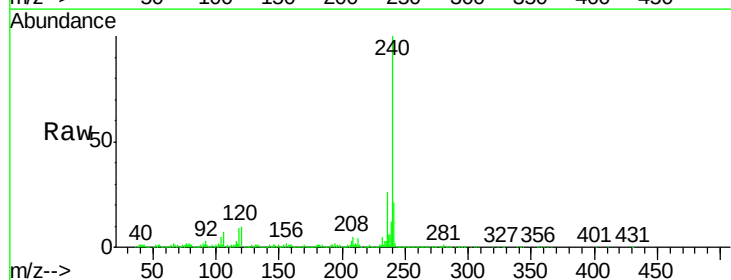
Instrument :
BNA_G
ClientSampled :
W-35

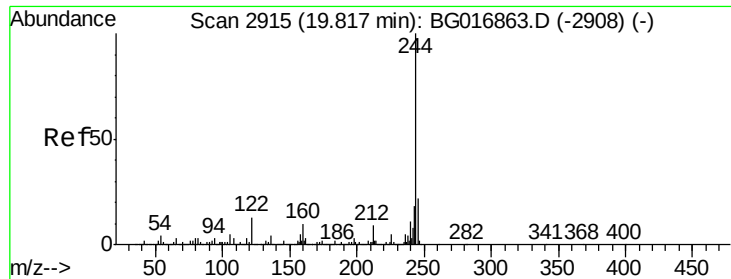
Tgt Ion:188 Resp: 620389
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.4
80 10.5 8.8 13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. 0.00 min
Lab File: BG017038.D
Acq: 11 May 2015 00:11

Tgt Ion:240 Resp: 590028
Ion Ratio Lower Upper
240 100
120 10.3 9.1 13.7
236 26.3 20.2 30.4





#78

Terphenyl-d14

Concen: 52.97 ng

RT: 19.80 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG017038.D

Acq: 11 May 2015 00:11

Instrument :

BNA_G

ClientSampleId :

W-35

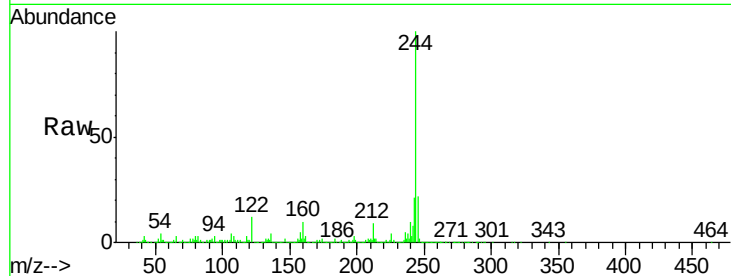
Tgt Ion:244 Resp: 1333204

Ion Ratio Lower Upper

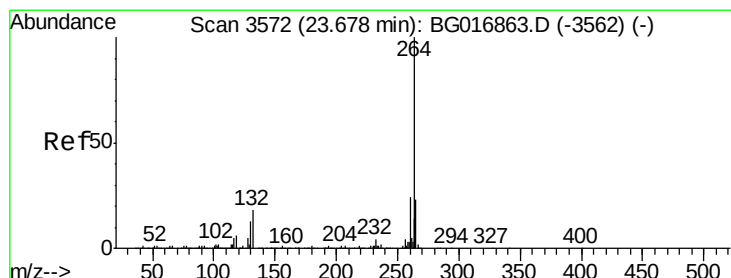
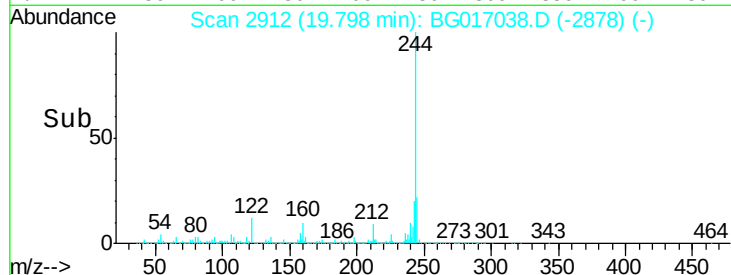
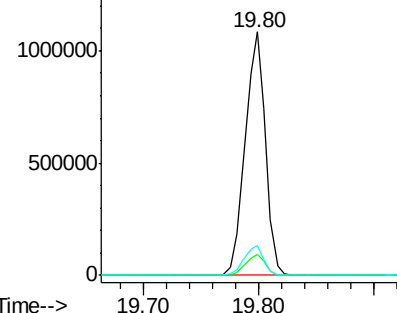
244 100

212 8.7 7.0 10.6

122 12.1 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: 23.65 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BG017038.D

Acq: 11 May 2015 00:11

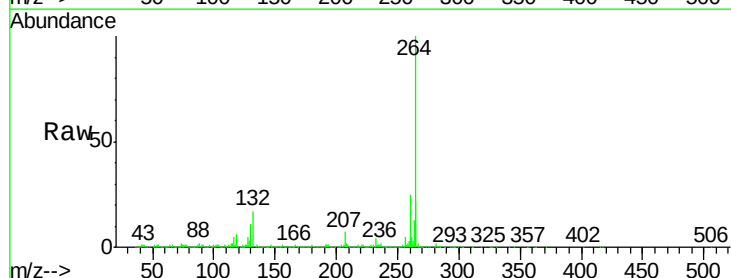
Tgt Ion:264 Resp: 595574

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.1 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

