

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051015\
 Data File : BG017041.D
 Acq On : 11 May 2015 1:55
 Operator : TP/IZ
 Sample : G2109-07
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-32

Quant Time: May 19 08:16:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 07:51:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	63997	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	303820	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	205130	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	434820	20.00	ng	0.00
75) Chrysene-d12	21.35	240	417246	20.00	ng	0.00
86) Perylene-d12	23.65	264	407049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	187036	50.89	ng	0.00
7) Phenol-d6	6.98	99	176412	33.60	ng	0.00
23) Nitrobenzene-d5	8.95	82	524486	84.33	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	272062	132.11	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1127376	82.93	ng	0.00
78) Terphenyl-d14	19.80	244	1520925	85.45	ng	0.00

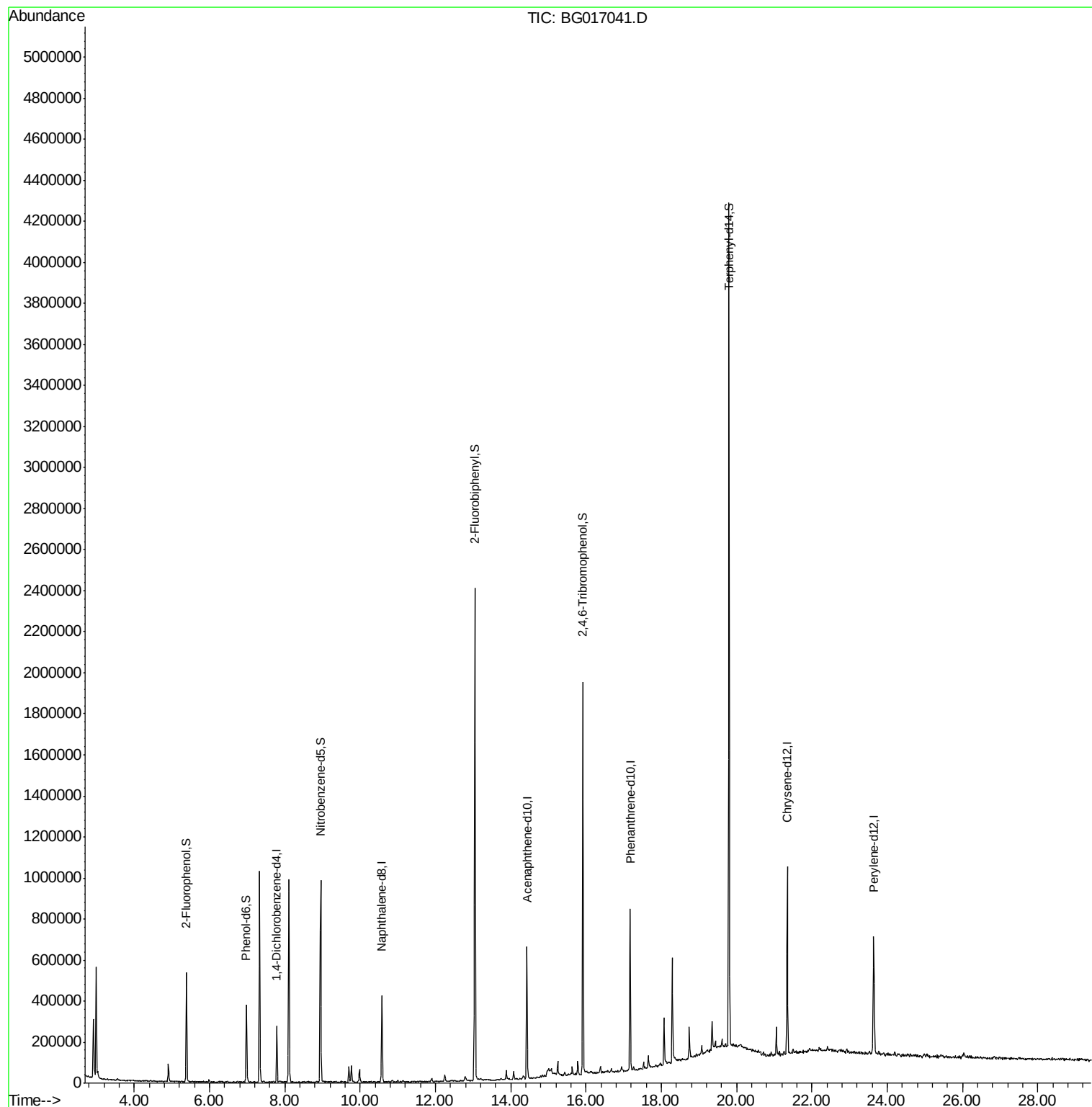
Target Compounds	Qvalue
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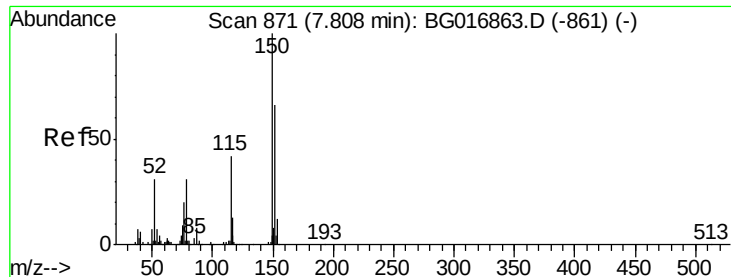
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017041.D

Acq: 11 May 2015 1:55

Instrument :

BNA_G

ClientSampleId :

W-32

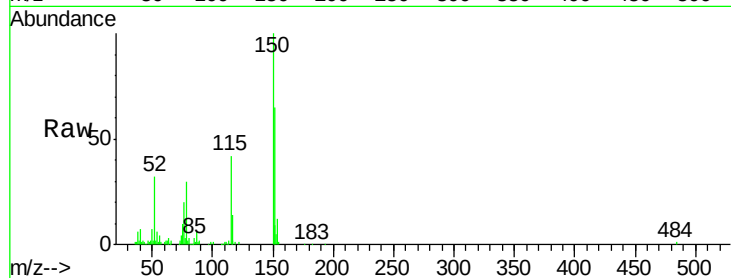
Tgt Ion:152 Resp: 63997

Ion Ratio Lower Upper

152 100

150 154.6 121.0 181.4

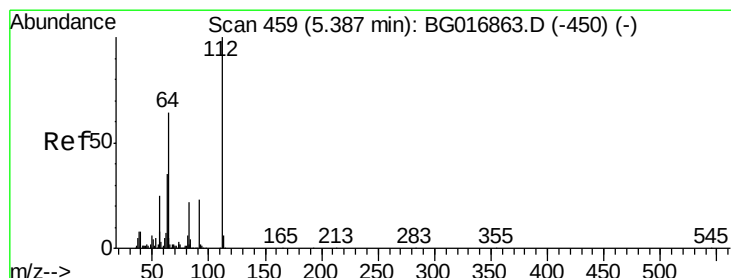
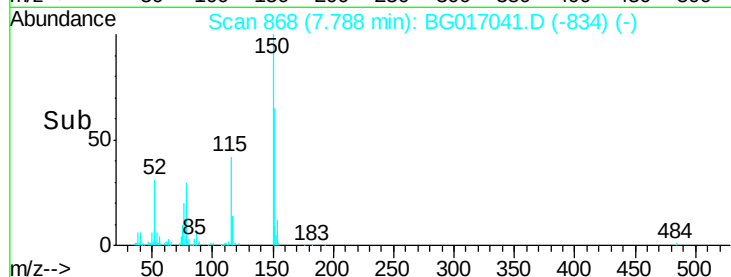
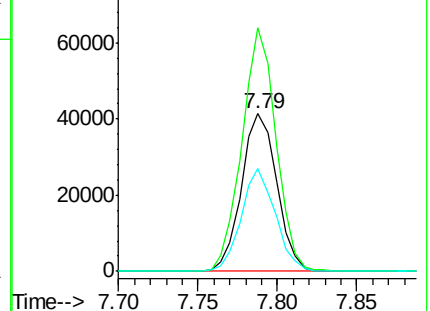
115 65.0 50.5 75.7



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: 50.89 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.00 min

Lab File: BG017041.D

Acq: 11 May 2015 1:55

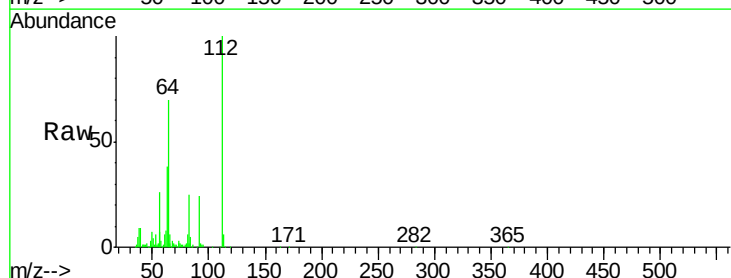
Tgt Ion:112 Resp: 187036

Ion Ratio Lower Upper

112 100

64 69.5 51.4 77.2

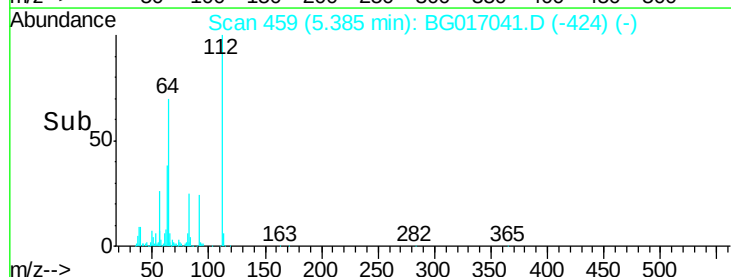
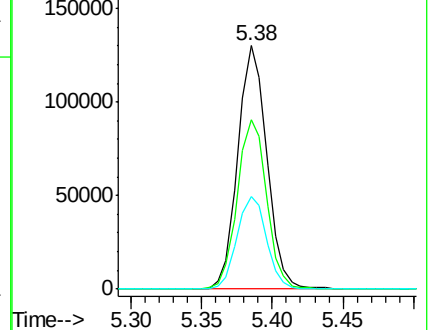
63 38.0 28.1 42.1

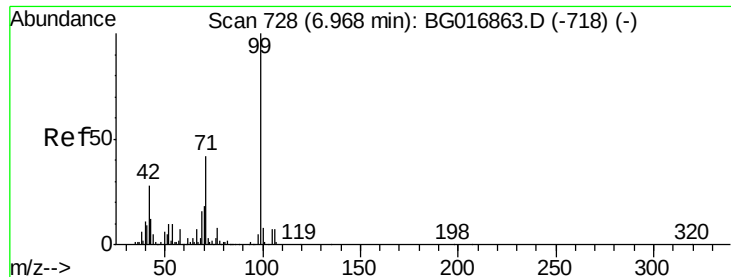


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 33.60 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.00 min

Lab File: BG017041.D

Acq: 11 May 2015 1:55

Instrument :

BNA_G

ClientSampleId :

W-32

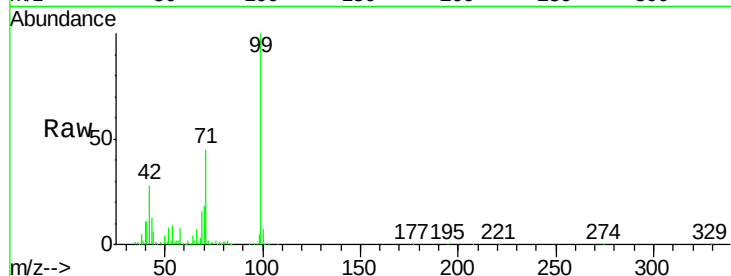
Tgt Ion: 99 Resp: 176412

Ion Ratio Lower Upper

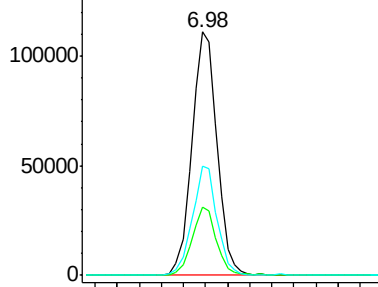
99 100

42 28.0 22.1 33.1

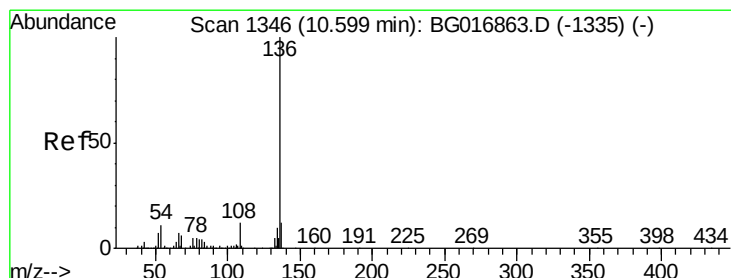
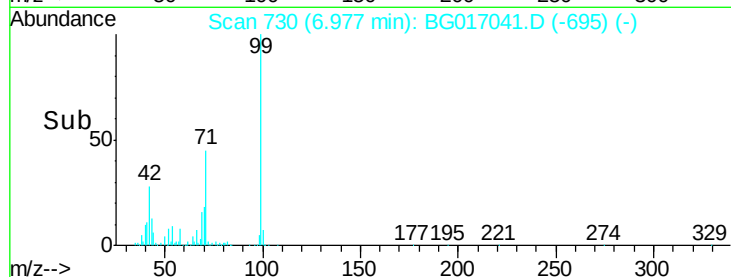
71 44.6 33.4 50.0



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: BG017041.D

Acq: 11 May 2015 1:55

Tgt Ion: 136 Resp: 303820

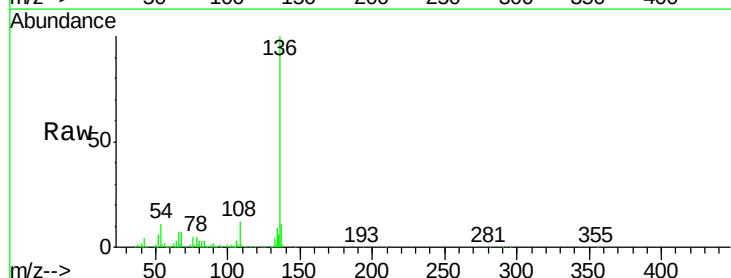
Ion Ratio Lower Upper

136 100

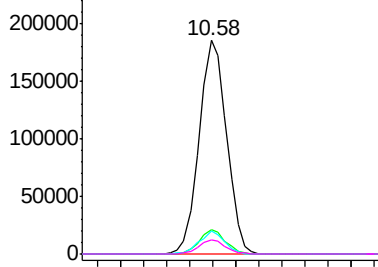
137 11.4 9.8 14.8

54 11.0 8.7 13.1

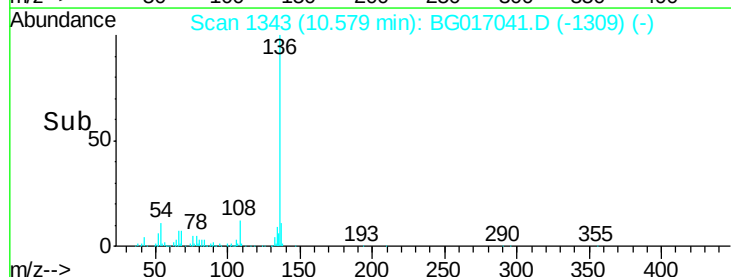
68 6.9 5.0 7.4

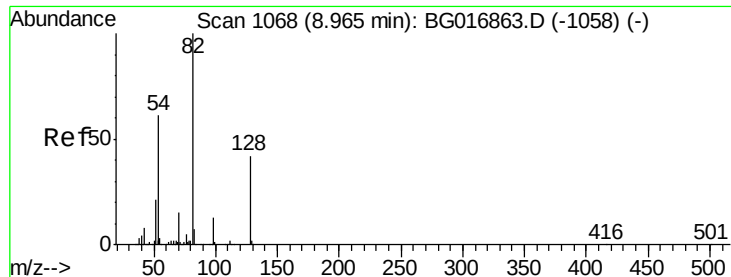


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

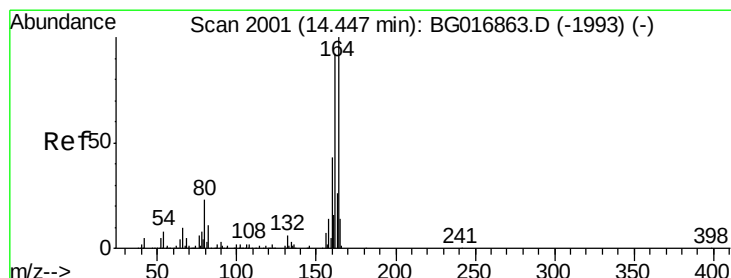
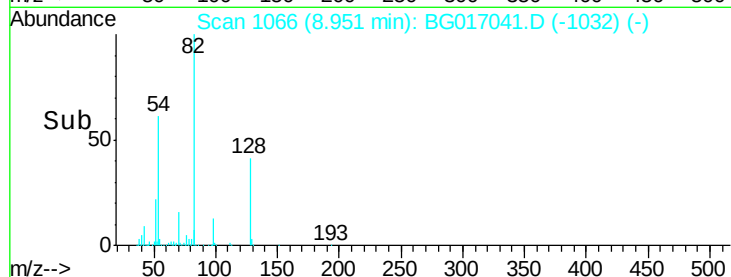
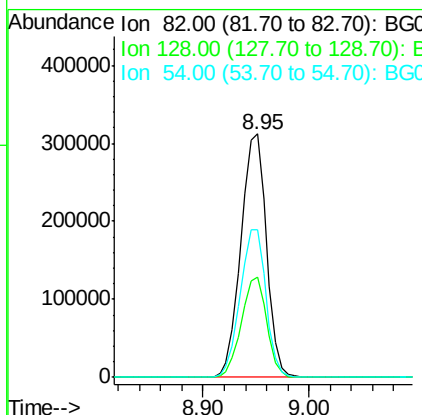
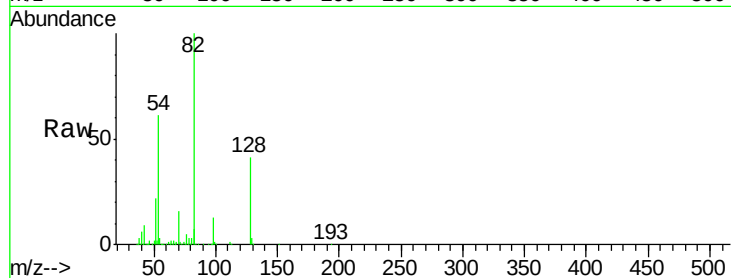




#23
 Nitrobenzene-d5
 Concen: 84.33 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BG017041.D
 Acq: 11 May 2015 1:55

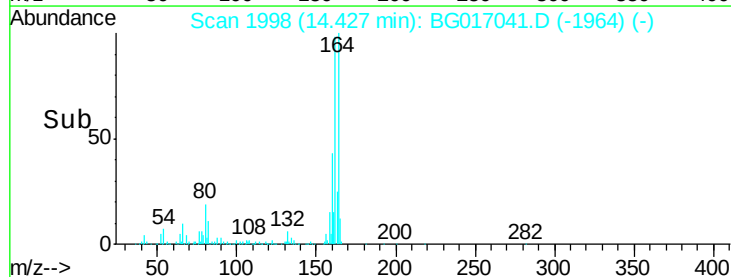
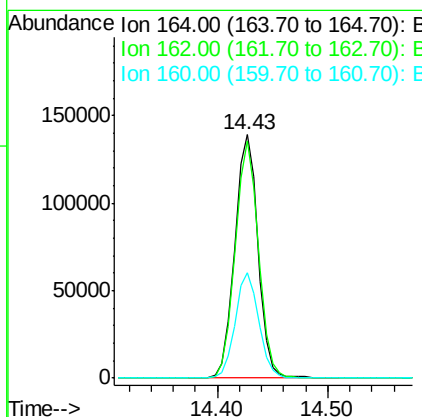
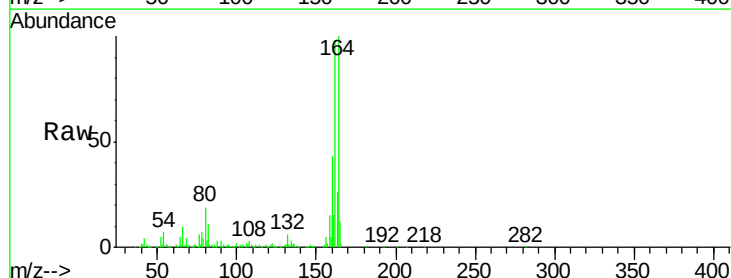
Instrument :
 BNA_G
 ClientSampleId :
 W-32

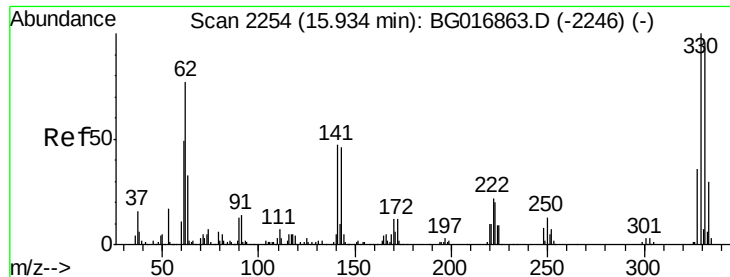
Tgt Ion: 82 Resp: 524486
 Ion Ratio Lower Upper
 82 100
 128 41.1 33.2 49.8
 54 60.5 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG017041.D
 Acq: 11 May 2015 1:55

Tgt Ion: 164 Resp: 205130
 Ion Ratio Lower Upper
 164 100
 162 97.6 74.0 111.0
 160 43.3 34.7 52.1

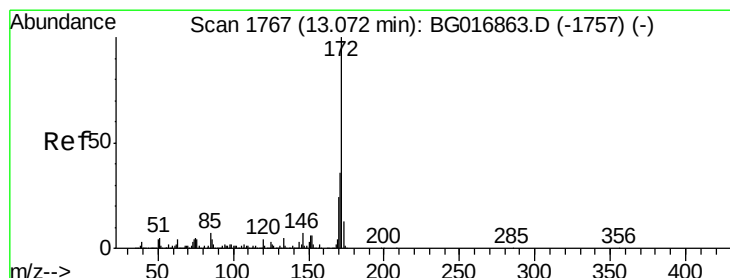
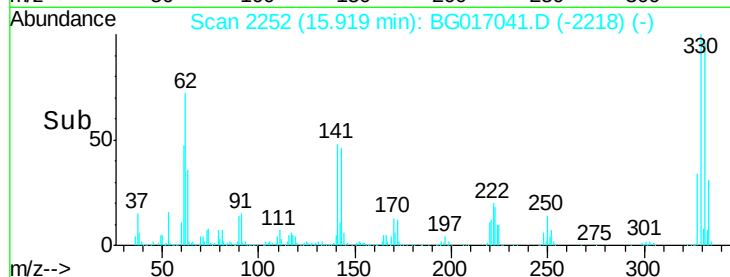
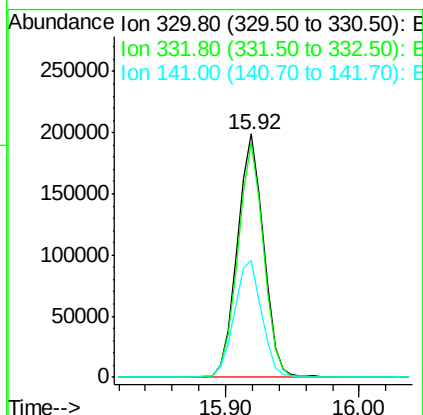
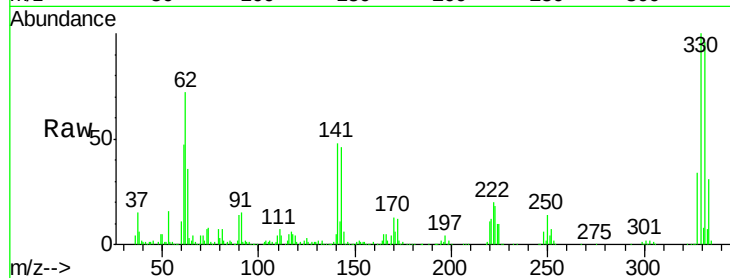




#41
 2,4,6-Tribromophenol
 Concen: 132.11 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BG017041.D
 Acq: 11 May 2015 1:55

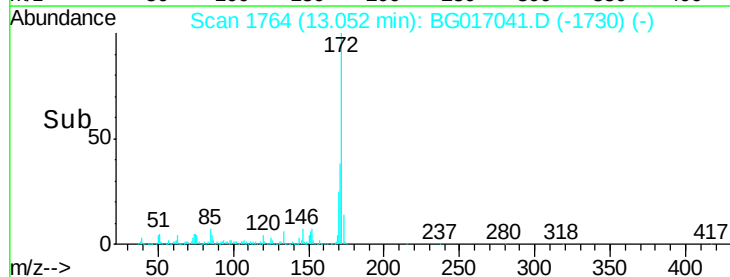
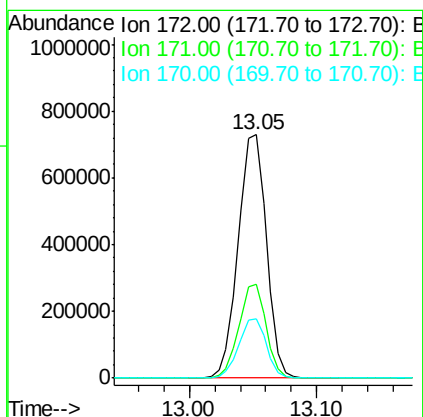
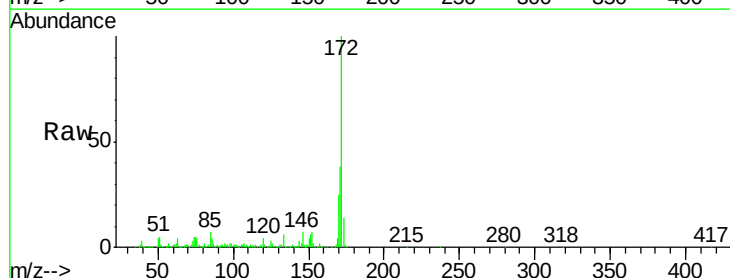
Instrument :
 BNA_G
 ClientSampled :
 W-32

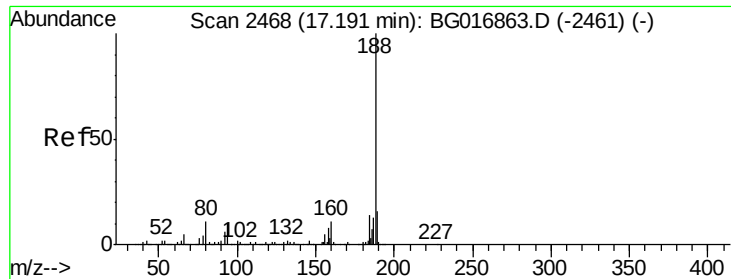
Tgt Ion: 330 Resp: 272062
 Ion Ratio Lower Upper
 330 100
 332 94.5 0.0 0.0#
 141 50.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 82.93 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG017041.D
 Acq: 11 May 2015 1:55

Tgt Ion: 172 Resp: 1127376
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.0 43.4
 170 24.5 19.0 28.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG017041.D

Acq: 11 May 2015 1:55

Instrument :

BNA_G

ClientSampleId :

W-32

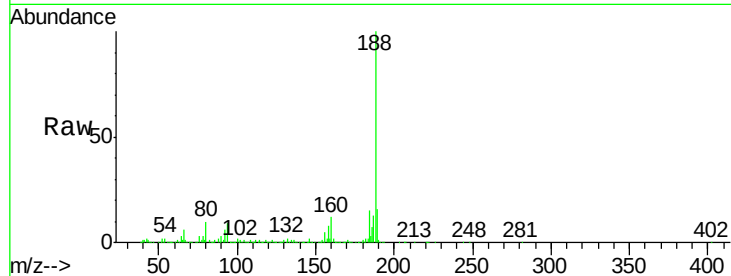
Tgt Ion:188 Resp: 434820

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

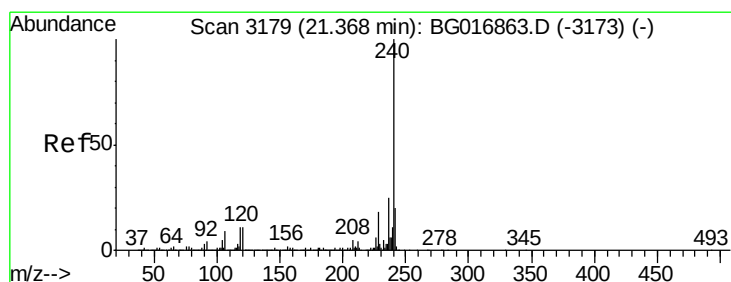
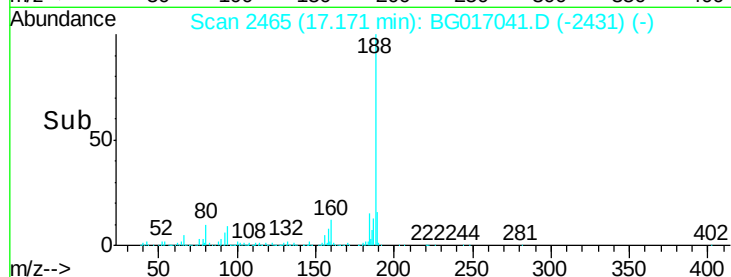
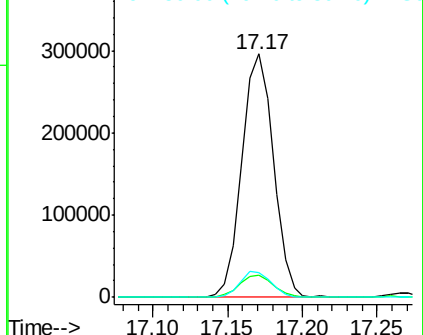
80 10.3 8.8 13.2



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: 21.35 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG017041.D

Acq: 11 May 2015 1:55

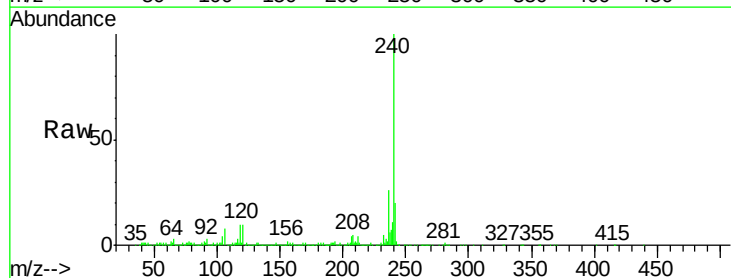
Tgt Ion:240 Resp: 417246

Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

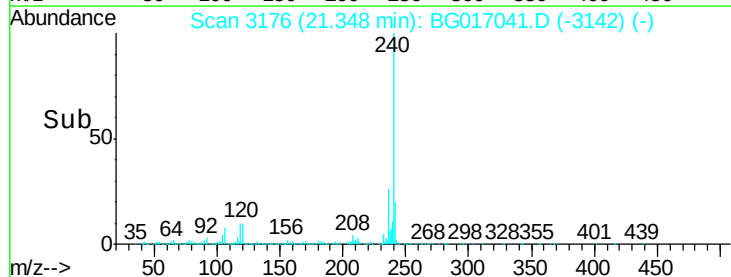
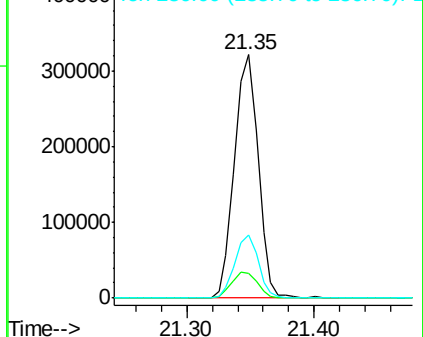
236 26.1 20.2 30.4

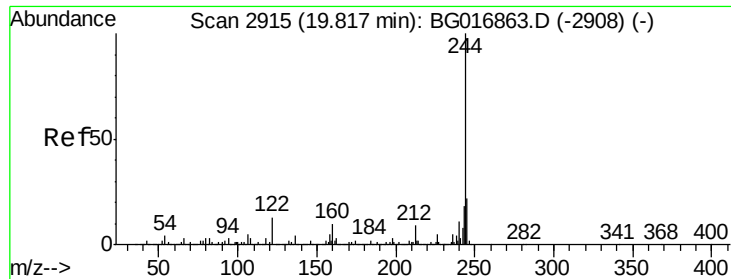


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.45 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG017041.D

Acq: 11 May 2015 1:55

Instrument :

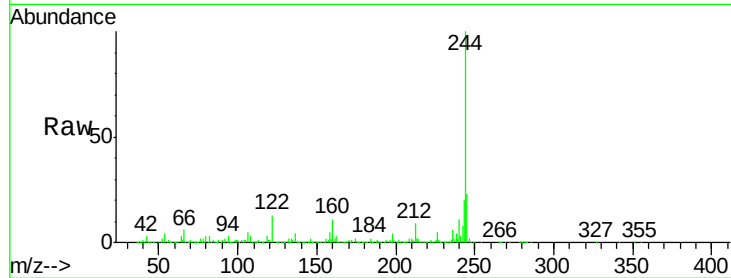
BNA_G

ClientSampleId :

W-32

Tgt Ion:244 Resp: 1520925

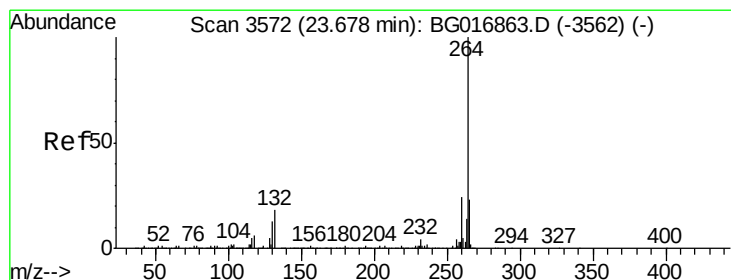
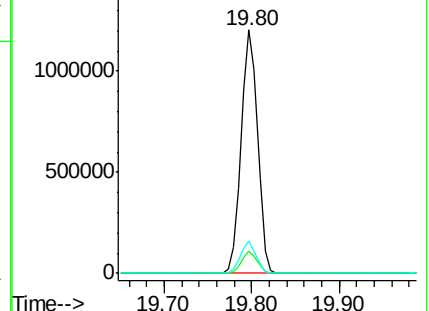
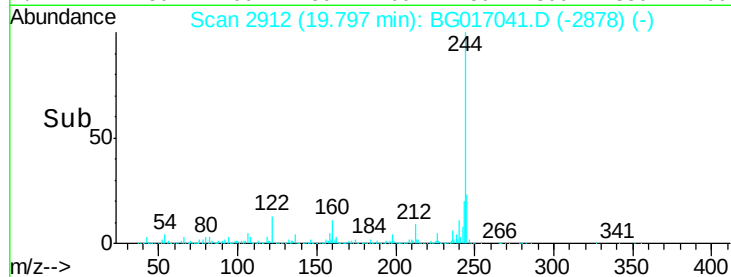
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	13.2	10.4	15.6



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

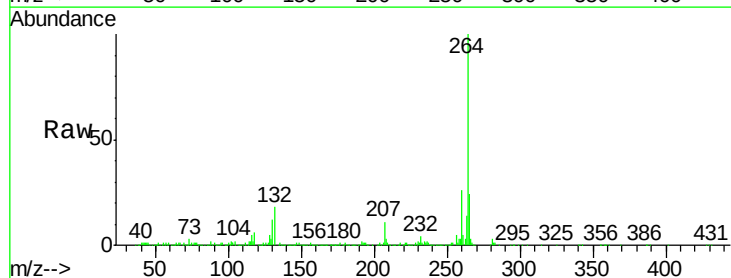
Delta R.T. -0.00 min

Lab File: BG017041.D

Acq: 11 May 2015 1:55

Tgt Ion:264 Resp: 407049

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.5	29.3
265	23.7	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

