

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051015\
 Data File : BG017040.D
 Acq On : 11 May 2015 1:20
 Operator : TP/IZ
 Sample : G2109-06
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-31

Quant Time: May 19 08:16:10 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	66576	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	312717	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	204972	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	423071	20.00	ng	0.00
75) Chrysene-d12	21.34	240	400961	20.00	ng	0.00
86) Perylene-d12	23.64	264	406361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	229617	60.05	ng	0.00
7) Phenol-d6	6.98	99	209952	38.43	ng	0.00
23) Nitrobenzene-d5	8.95	82	548734	85.72	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	319260	155.15	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1150367	84.69	ng	0.00
78) Terphenyl-d14	19.80	244	1403723	82.07	ng	0.00

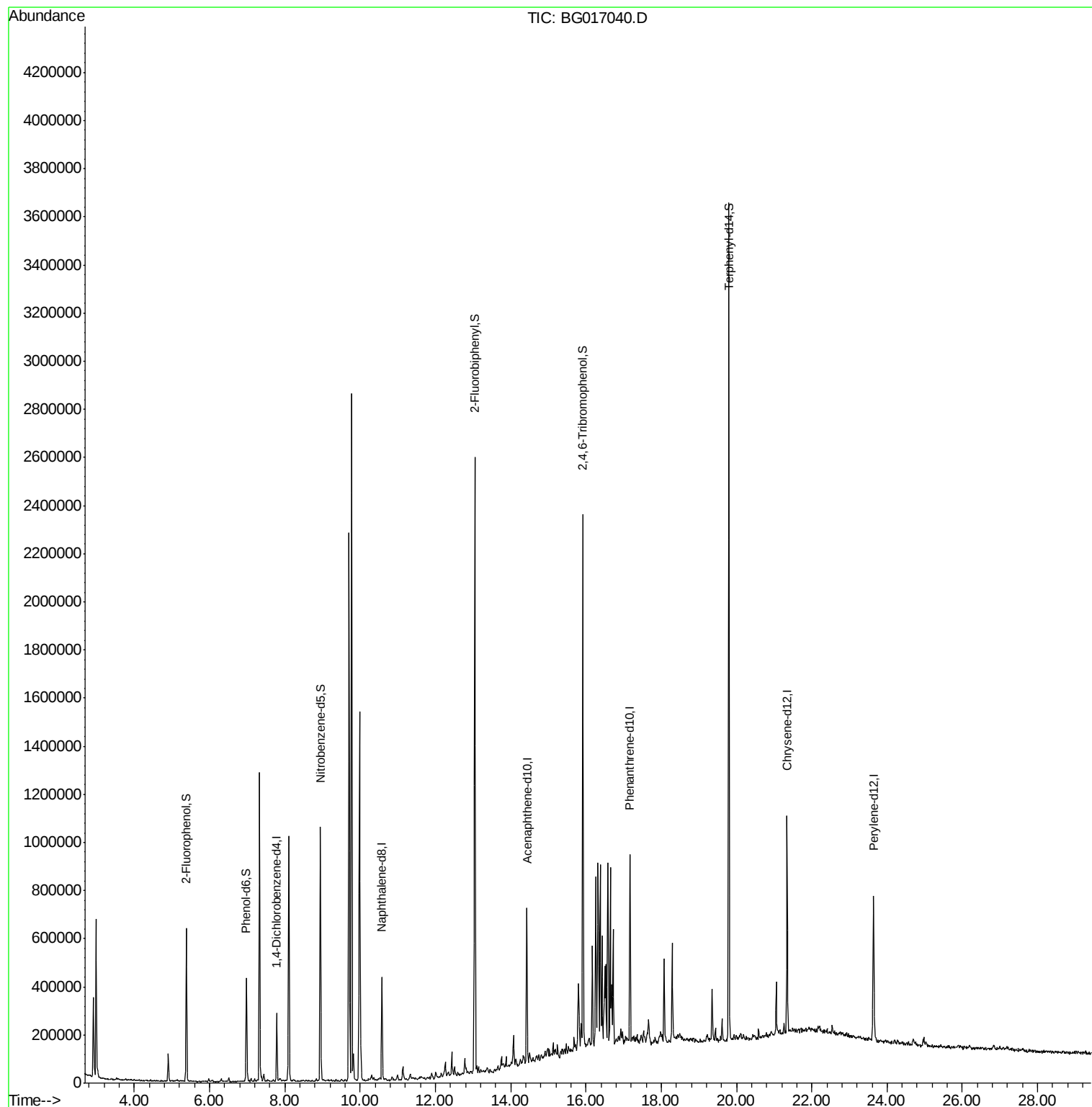
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017040.D

Acq: 11 May 2015 1:20

Instrument :

BNA_G

ClientSampleId :

W-31

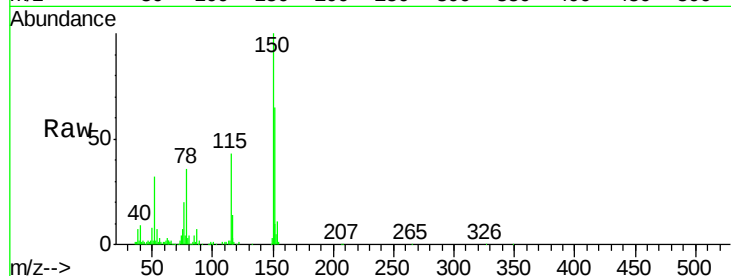
Tgt Ion:152 Resp: 66576

Ion Ratio Lower Upper

152 100

150 154.0 121.0 181.4

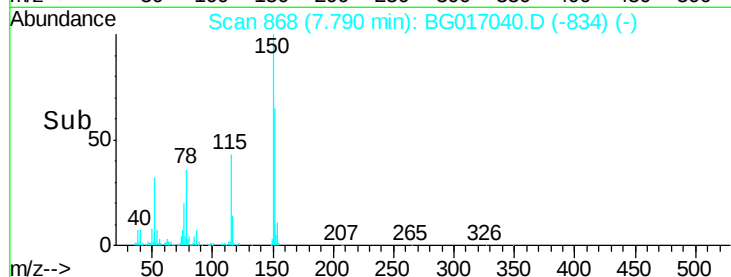
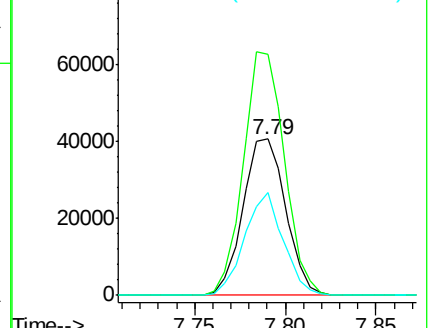
115 66.1 50.5 75.7



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: 60.05 ng

RT: 5.39 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG017040.D

Acq: 11 May 2015 1:20

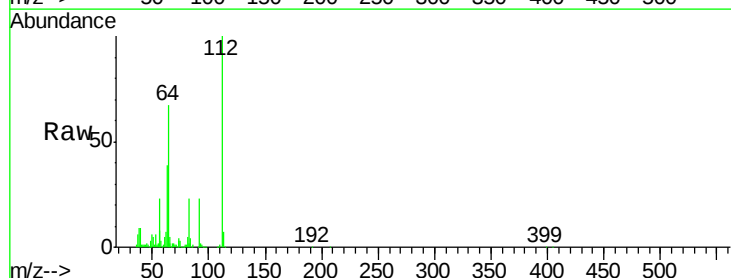
Tgt Ion:112 Resp: 229617

Ion Ratio Lower Upper

112 100

64 67.4 51.4 77.2

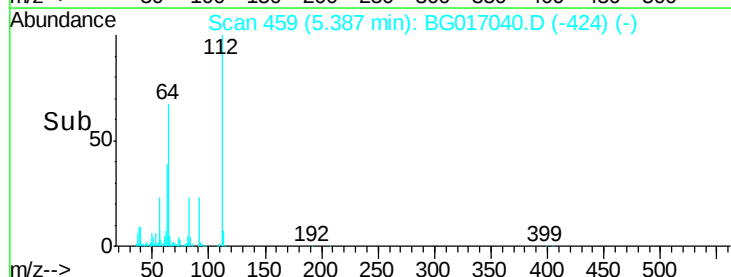
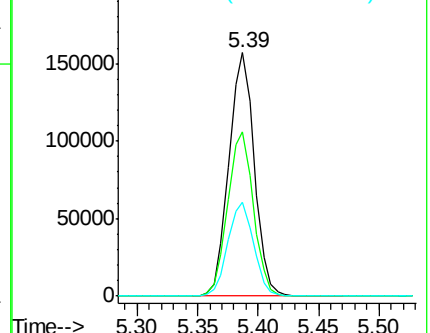
63 38.7 28.1 42.1

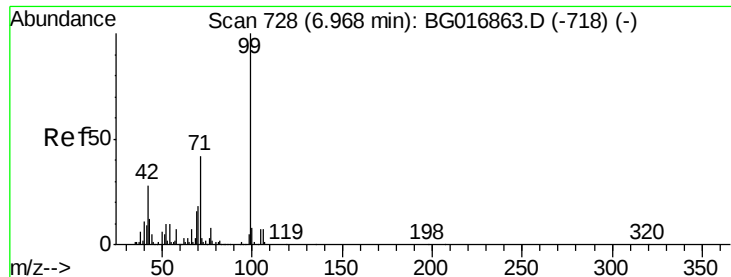


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 38.43 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG017040.D

Acq: 11 May 2015 1:20

Instrument :

BNA_G

ClientSampleId :

W-31

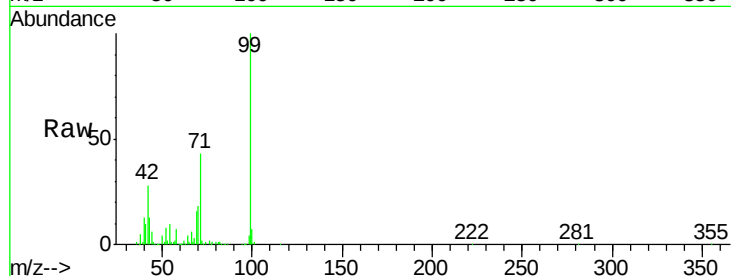
Tgt Ion: 99 Resp: 209952

Ion Ratio Lower Upper

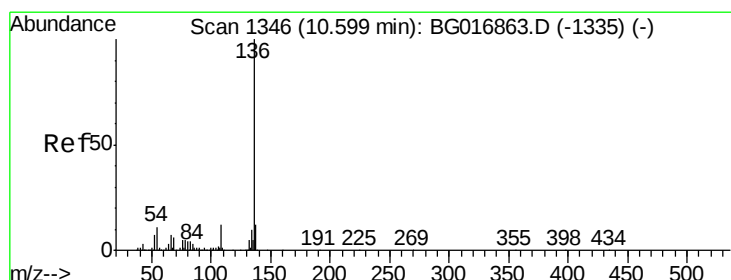
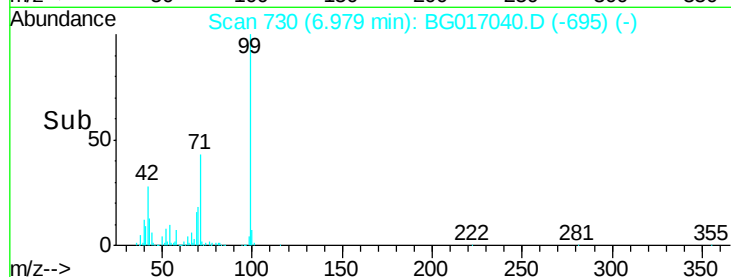
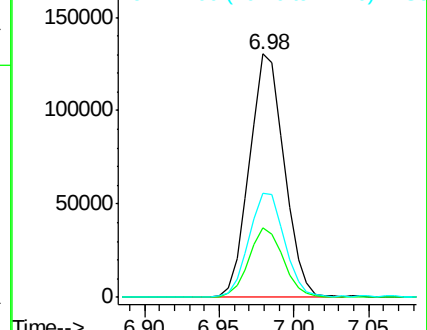
99 100

42 28.3 22.1 33.1

71 42.6 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG017040.D

Acq: 11 May 2015 1:20

Tgt Ion: 136 Resp: 312717

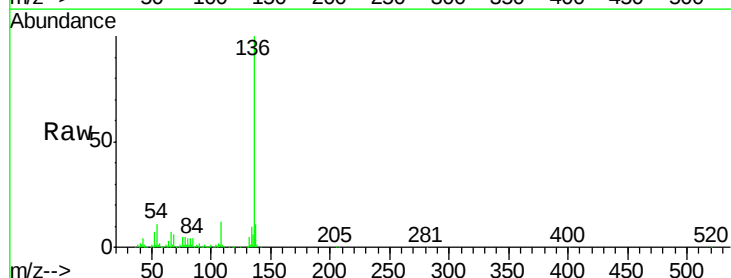
Ion Ratio Lower Upper

136 100

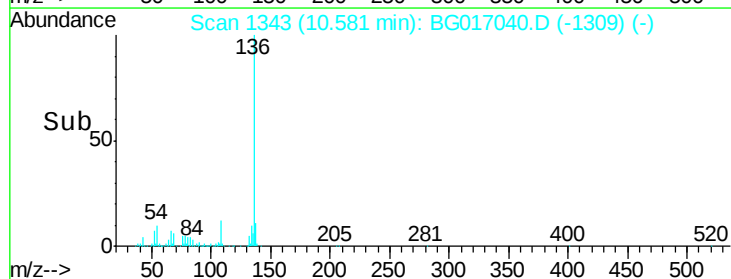
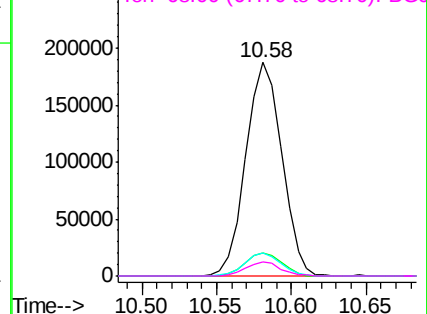
137 11.0 9.8 14.8

54 10.6 8.7 13.1

68 6.4 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

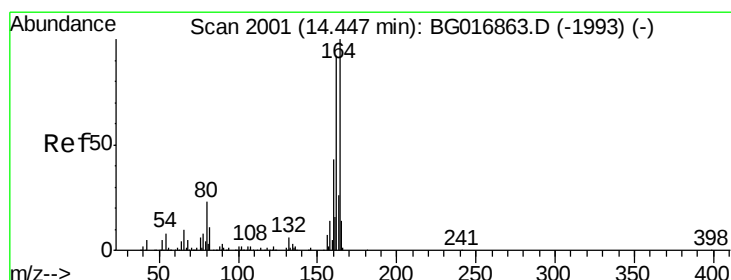
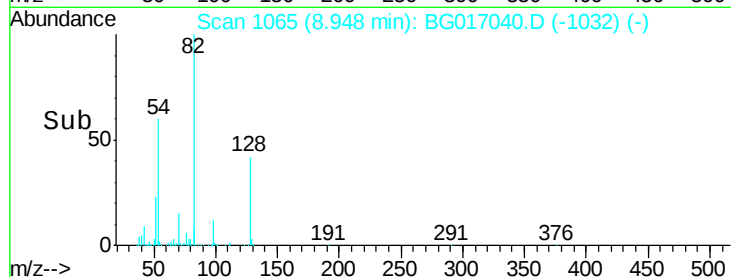
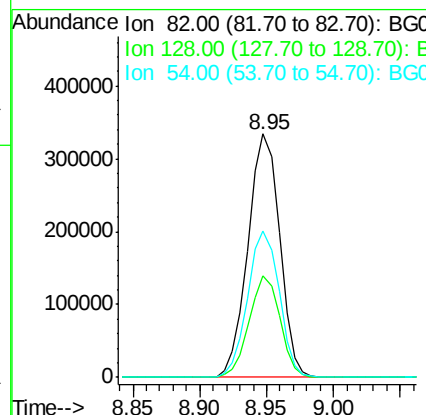
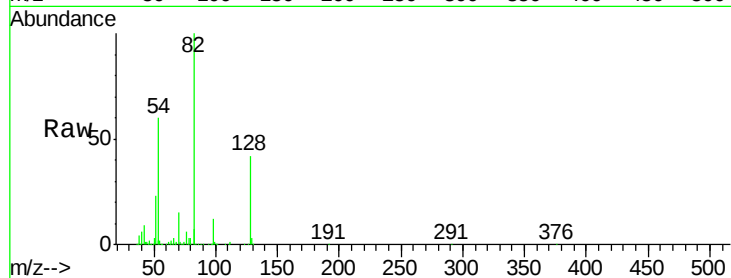




#23
 Nitrobenzene-d5
 Concen: 85.72 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG017040.D
 Acq: 11 May 2015 1:20

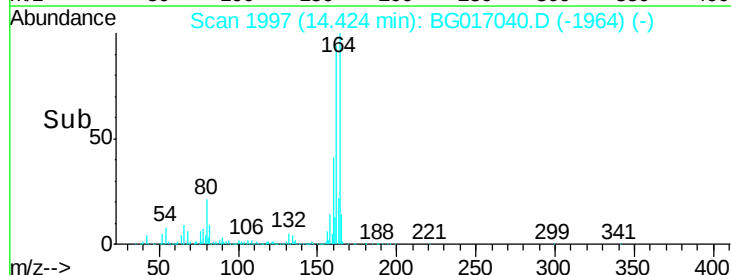
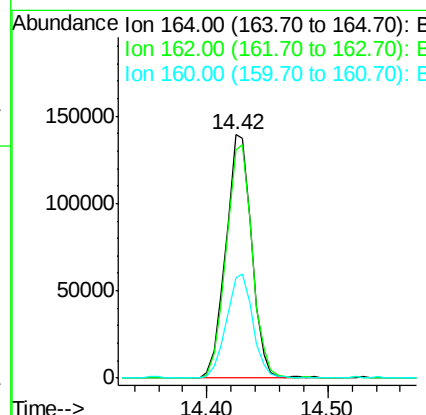
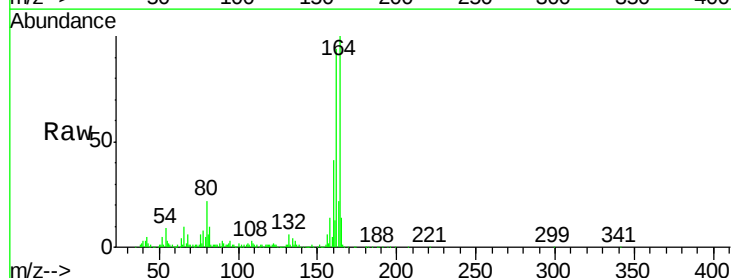
Instrument :
 BNA_G
 ClientSampleId :
 W-31

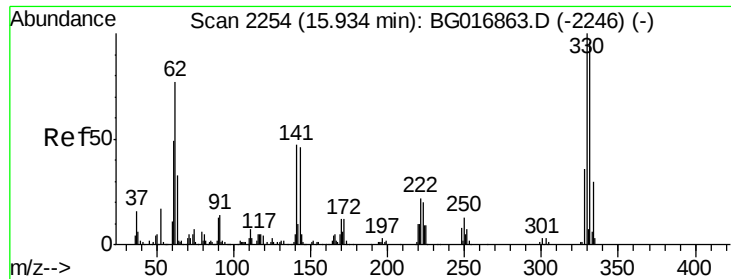
Tgt Ion: 82 Resp: 548734
 Ion Ratio Lower Upper
 82 100
 128 41.9 33.2 49.8
 54 60.0 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BG017040.D
 Acq: 11 May 2015 1:20

Tgt Ion: 164 Resp: 204972
 Ion Ratio Lower Upper
 164 100
 162 93.6 74.0 111.0
 160 41.4 34.7 52.1

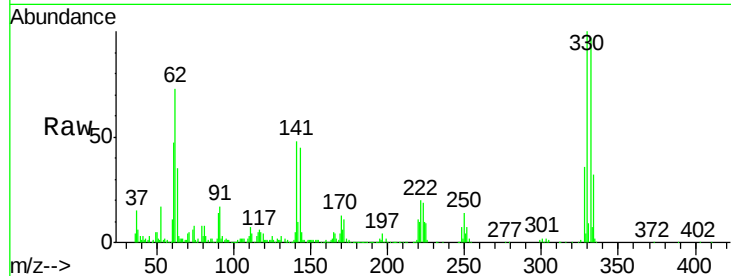




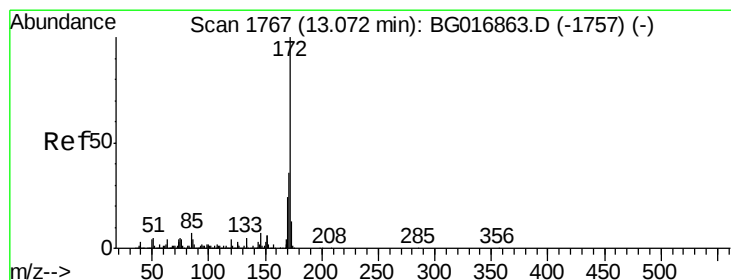
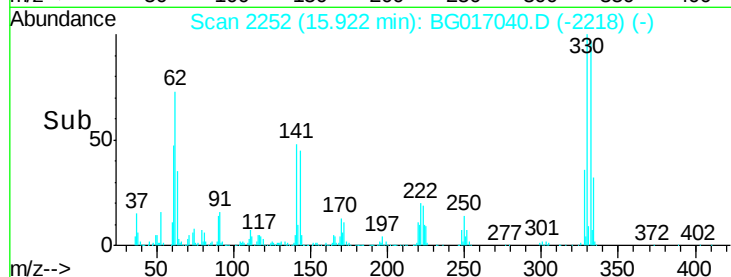
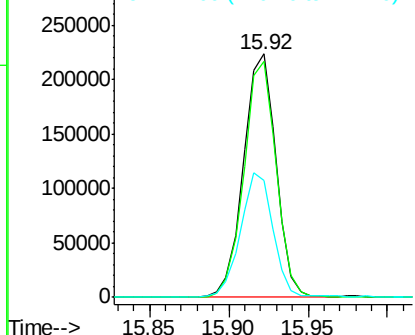
#41
 2,4,6-Tribromophenol
 Concen: 155.15 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BG017040.D
 Acq: 11 May 2015 1:20

Instrument :
 BNA_G
 ClientSampleID :
 W-31

Tgt Ion: 330 Resp: 319260
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 51.1 0.0 0.0#

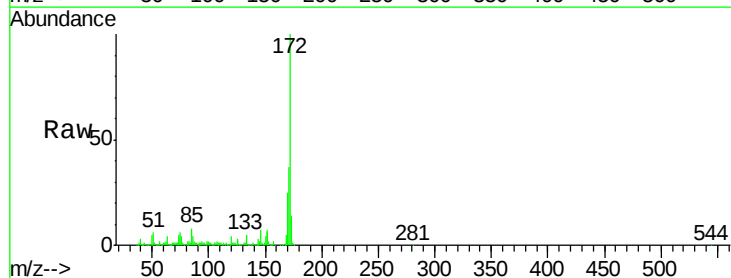


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

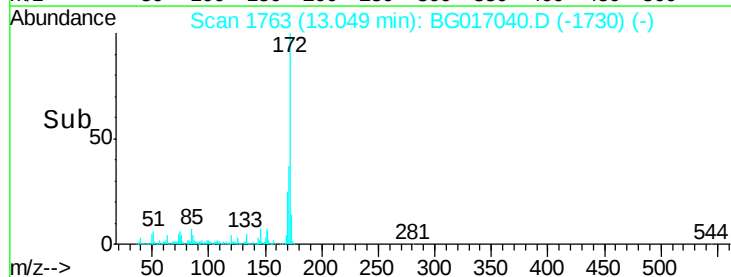
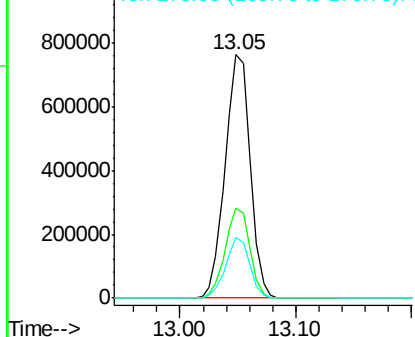


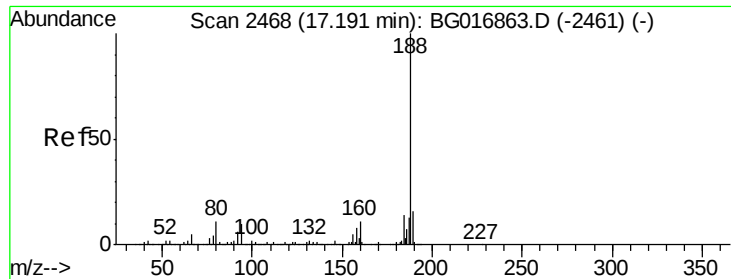
#44
 2-Fluorobiphenyl
 Concen: 84.69 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BG017040.D
 Acq: 11 May 2015 1:20

Tgt Ion: 172 Resp: 1150367
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.4
 170 25.1 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: BG017040.D

Acq: 11 May 2015 1:20

Instrument :

BNA_G

ClientSampleId :

W-31

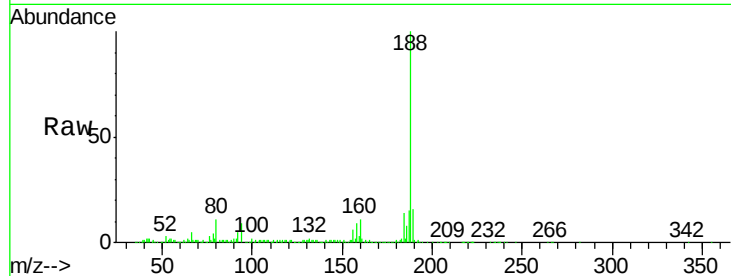
Tgt Ion:188 Resp: 423071

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.4

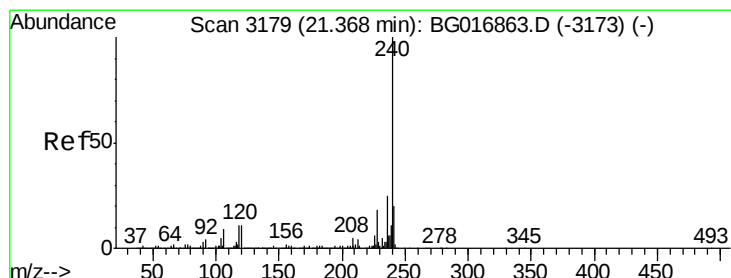
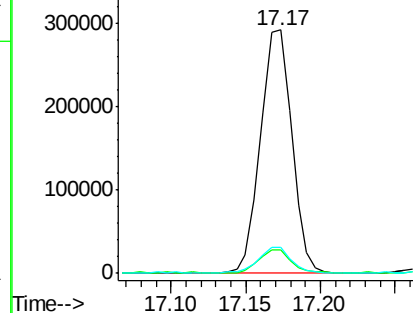
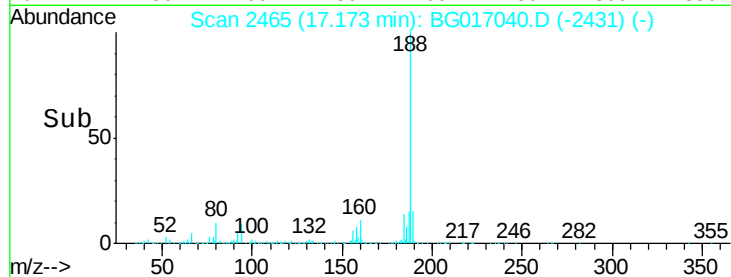
80 10.5 8.8 13.2



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: 21.34 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG017040.D

Acq: 11 May 2015 1:20

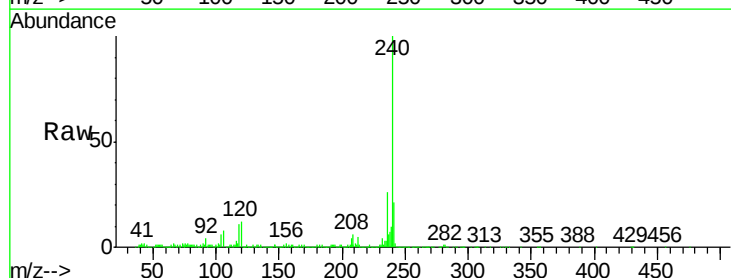
Tgt Ion:240 Resp: 400961

Ion Ratio Lower Upper

240 100

120 12.1 9.1 13.7

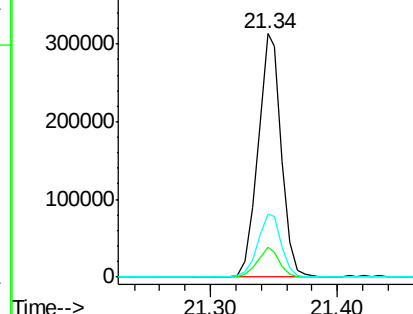
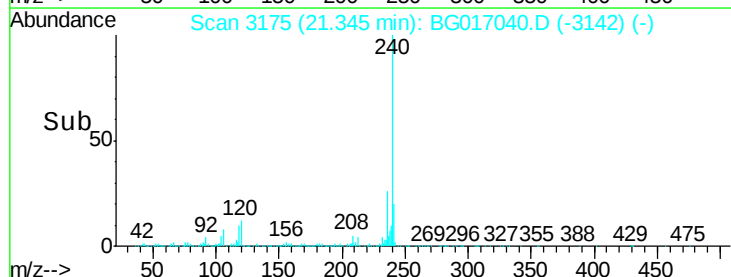
236 25.8 20.2 30.4

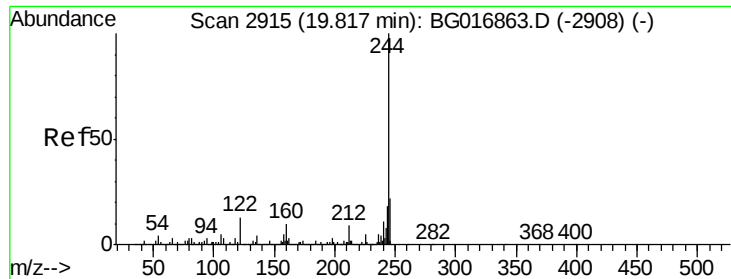


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.07 ng

RT: 19.80 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG017040.D

Acq: 11 May 2015 1:20

Instrument :

BNA_G

ClientSampleId :

W-31

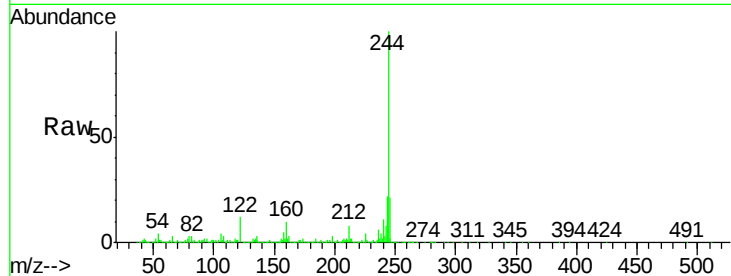
Tgt Ion:244 Resp: 1403723

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

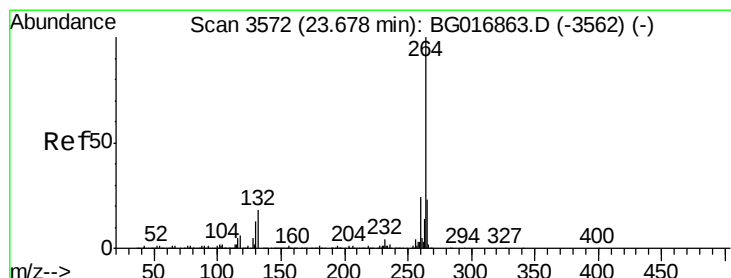
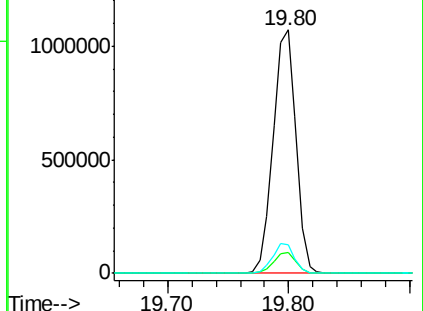
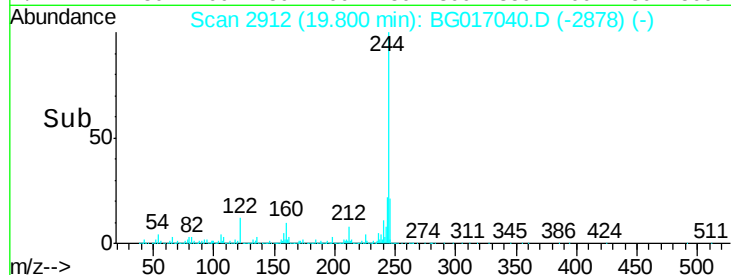
122 11.8 10.4 15.6



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: BG017040.D

Acq: 11 May 2015 1:20

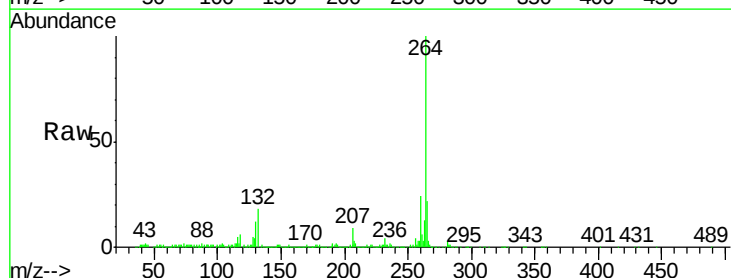
Tgt Ion:264 Resp: 406361

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.2 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

