

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 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 11 05:38:48 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

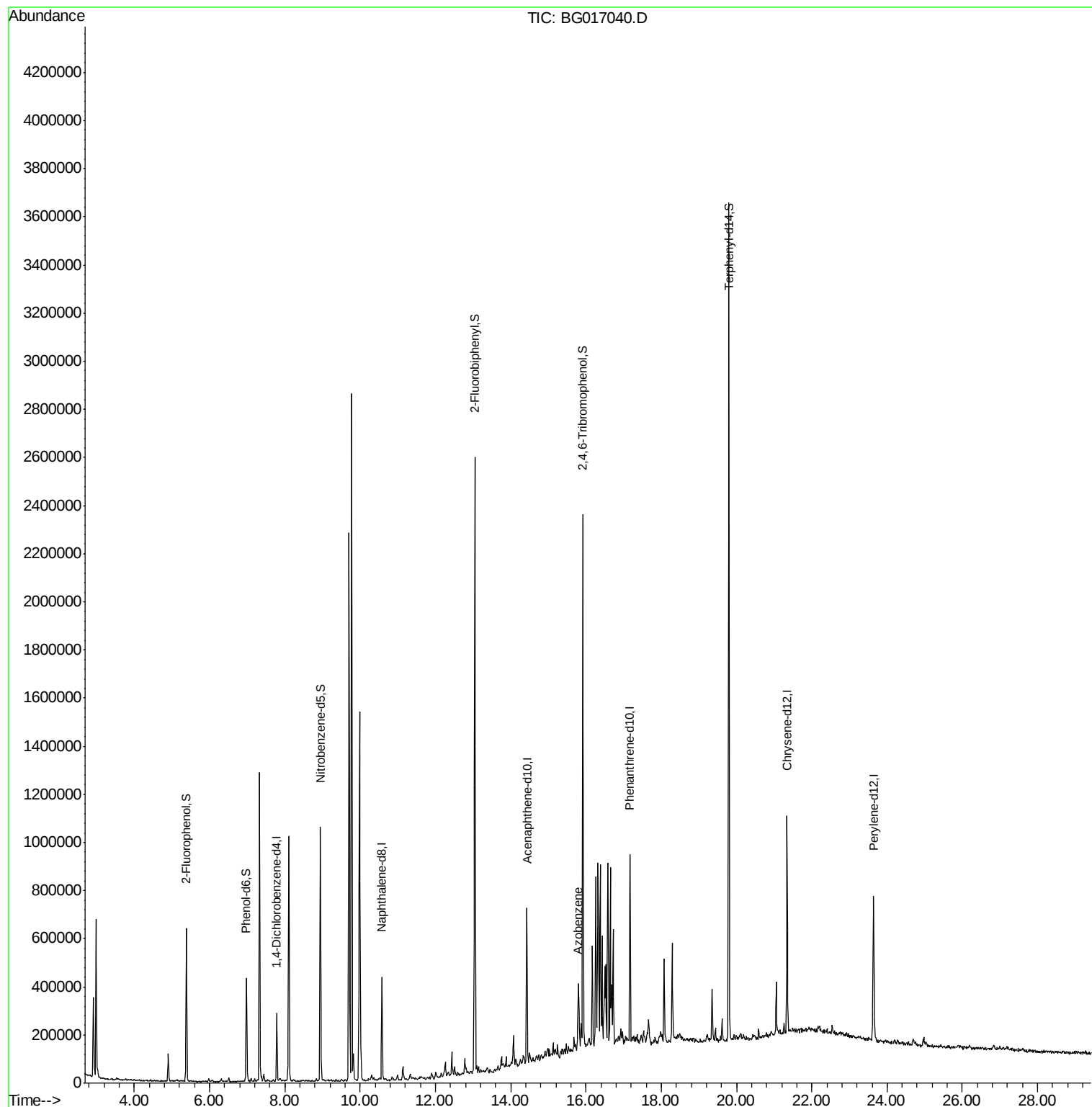
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	66576	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	312717	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	204972	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	423071	20.00	ng	0.00
75) Chrysene-d12	21.34	240	400961	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						
32) Benzoic acid	9.84	122	222	Below Cal	#	30
62) Azobenzene	15.79	77	42907	2.56 ng	#	21

(#) = 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 :

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W-31

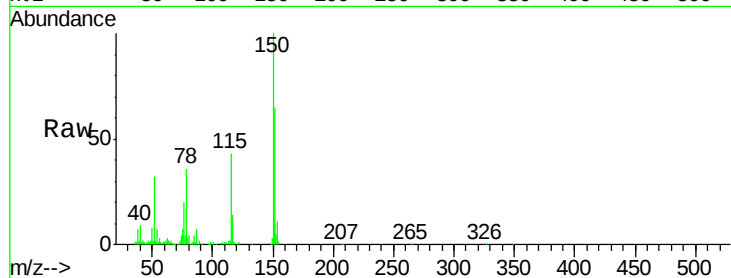
Tgt Ion:152 Resp: 66576

Ion Ratio Lower Upper

152 100

150 154.0 121.0 181.4

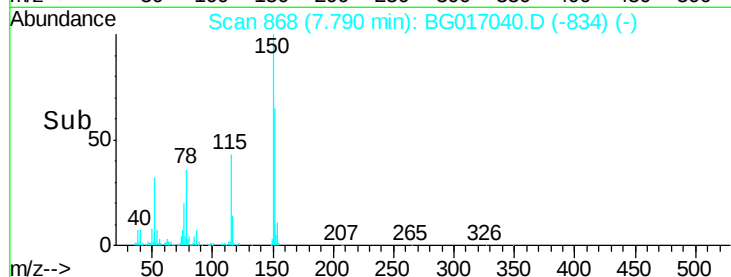
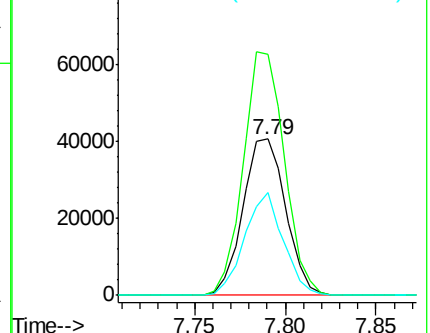
115 66.1 50.5 75.7



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

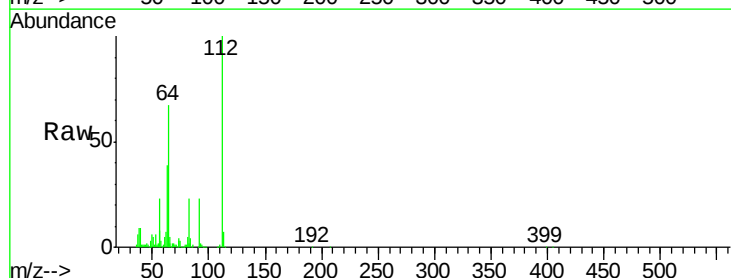
Tgt Ion:112 Resp: 229617

Ion Ratio Lower Upper

112 100

64 67.4 51.4 77.2

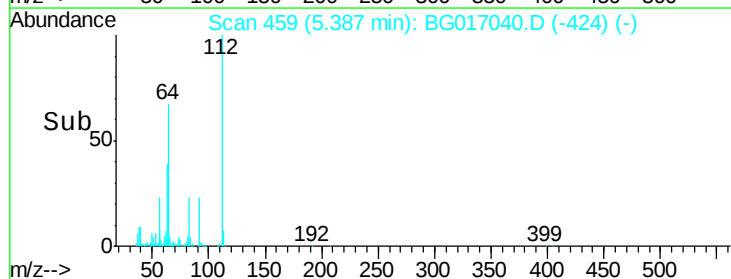
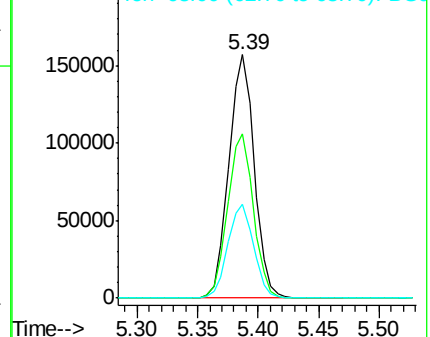
63 38.7 28.1 42.1

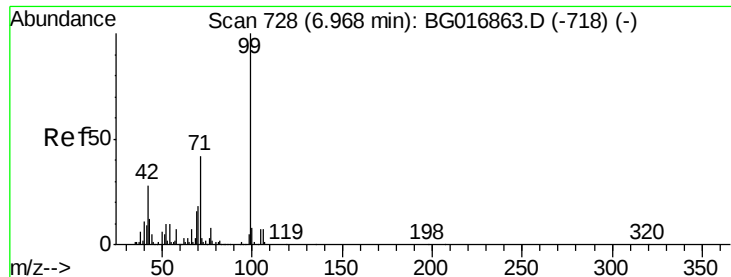


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#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

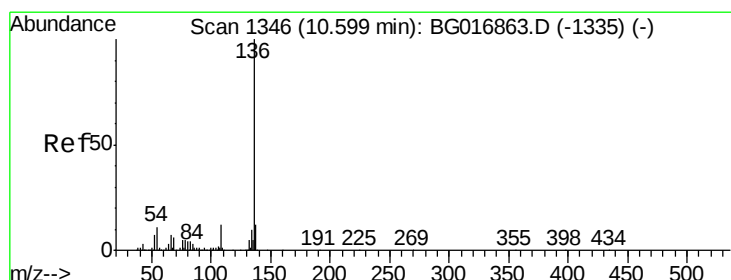
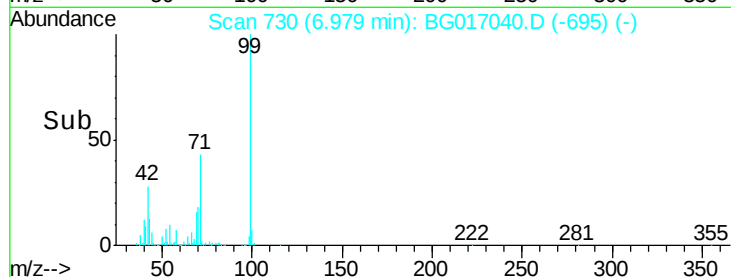
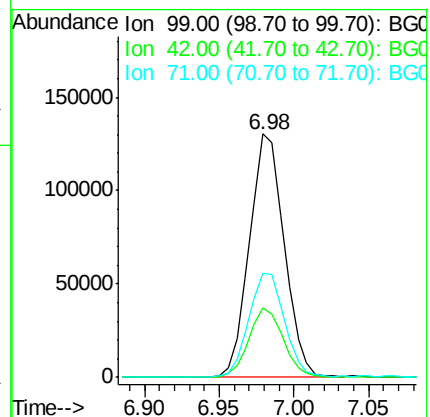
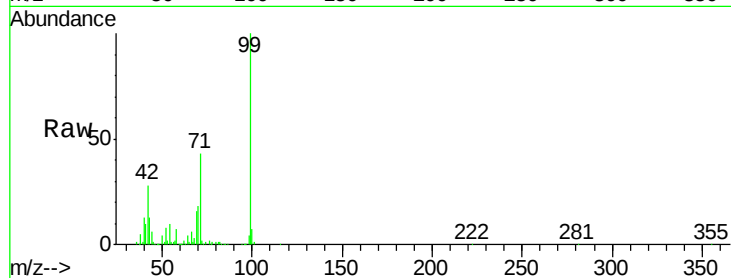
Tgt Ion: 99 Resp: 209952

Ion Ratio Lower Upper

99 100

42 28.3 22.1 33.1

71 42.6 33.4 50.0



#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

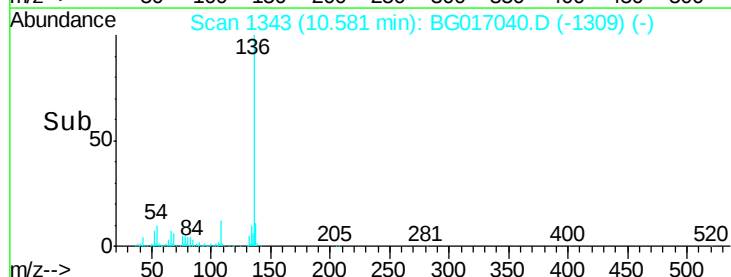
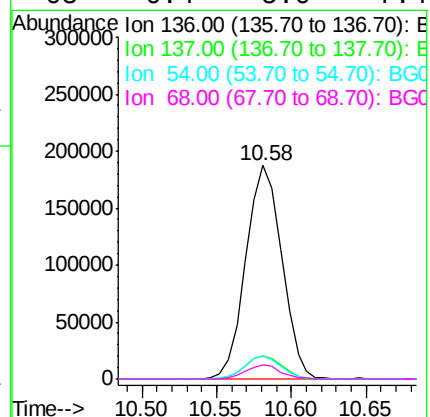
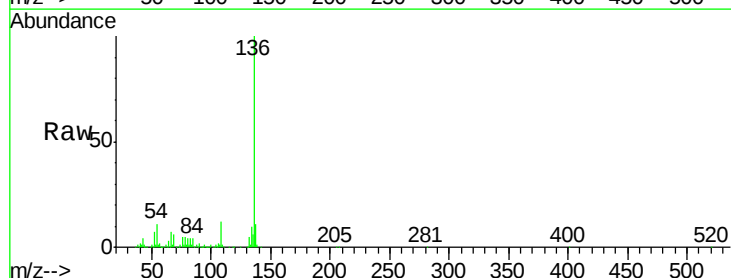
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.8

54 10.6 8.7 13.1

68 6.4 5.0 7.4

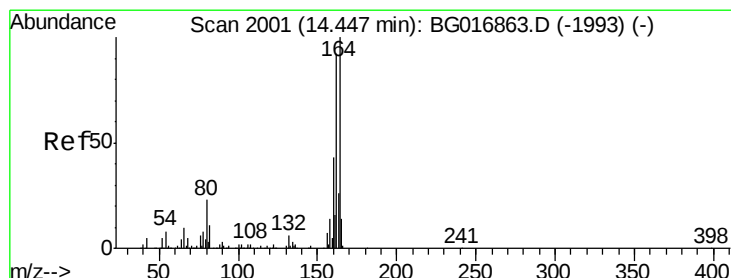
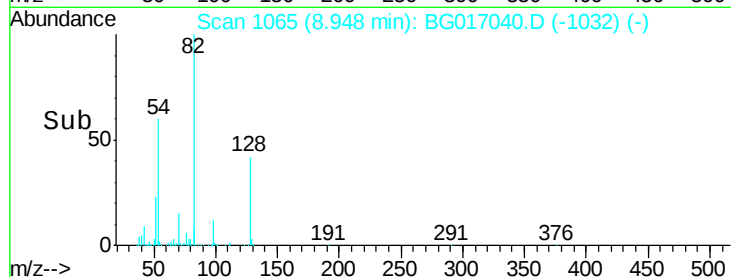
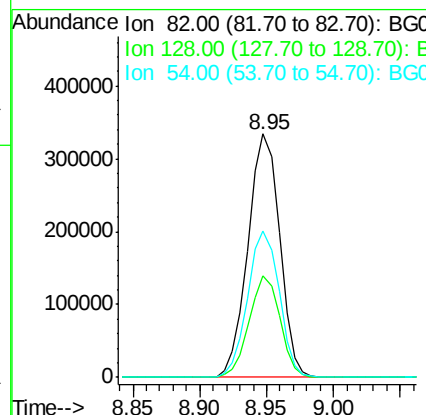
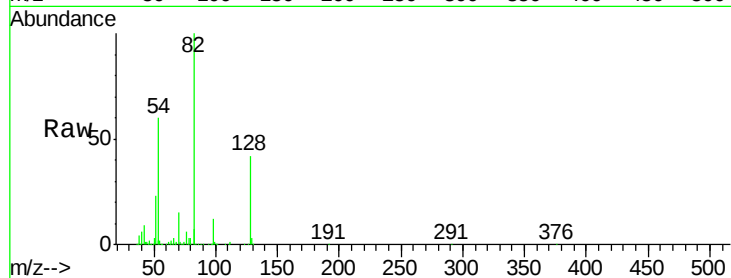




#23
 Nitrobenzene-d5
 Concen: 85.72 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG017040.D
 Acq: 11 May 2015 1:20

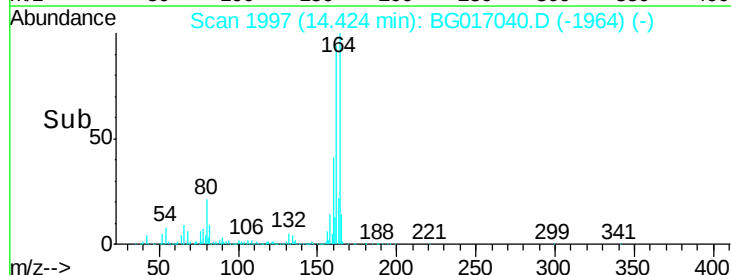
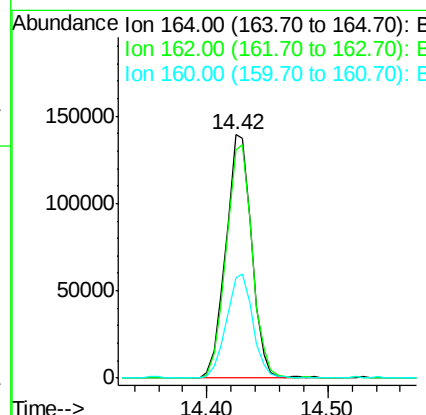
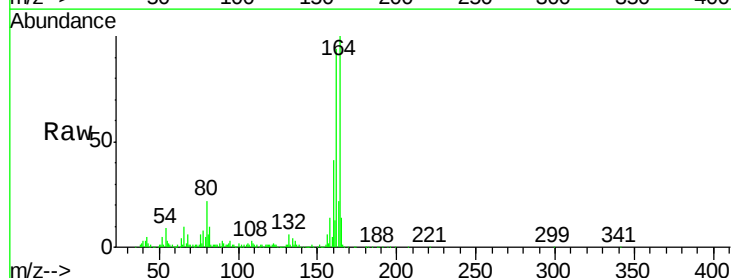
Instrument :
 BNA_G
 ClientSampleId :
 W-31

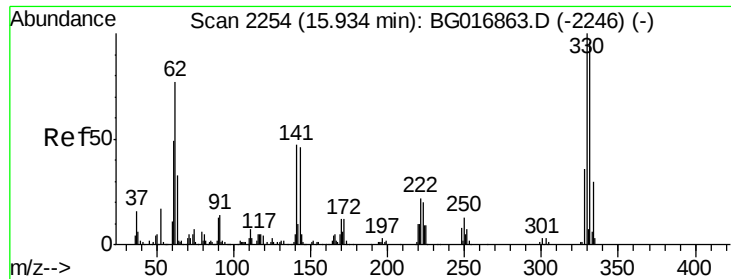
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.2	49.8
54	60.0	48.6	72.8



#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	Ratio	Lower	Upper
164	100		
162	93.6	74.0	111.0
160	41.4	34.7	52.1

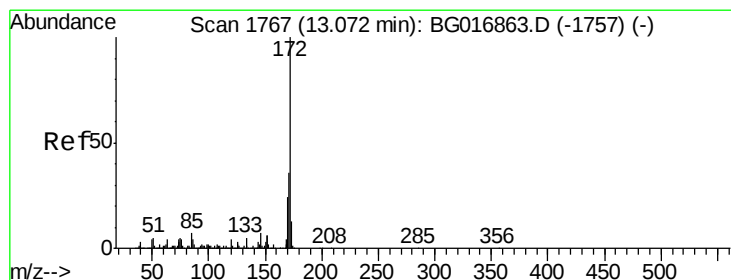
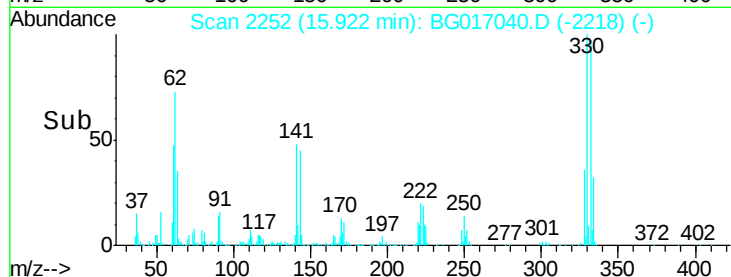
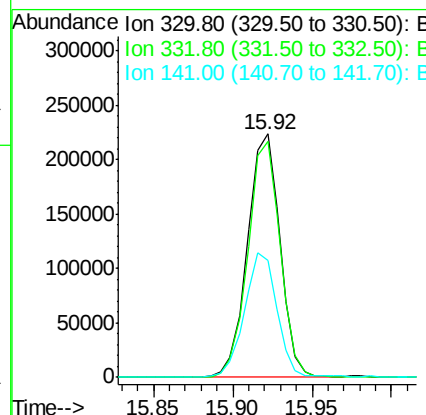
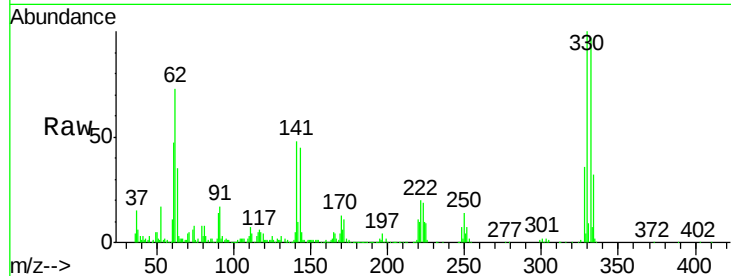




#41
 2,4,6-Tribromophenol
 Concen: 155.15 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BG017040.D
 Acq: 11 May 2015 1:20

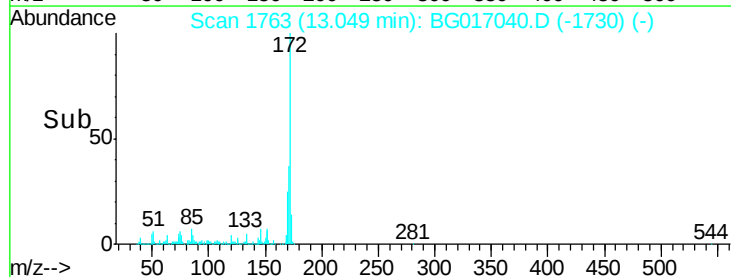
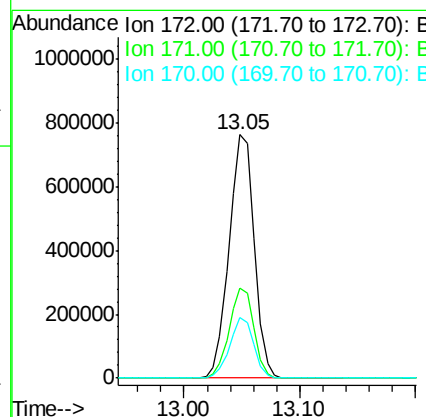
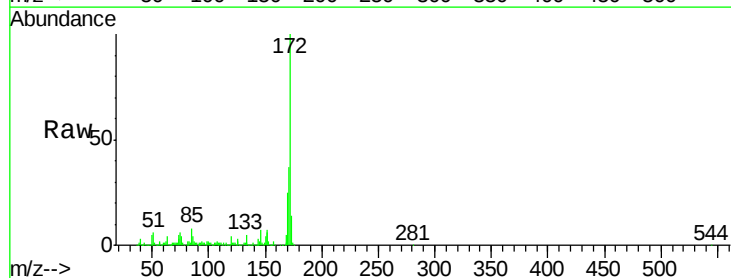
Instrument :
 BNA_G
 ClientSampleId :
 W-31

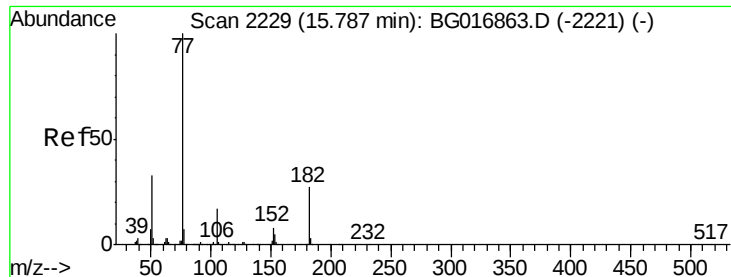
Tgt Ion:330 Resp: 319260
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 51.1 0.0 0.0#



#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





#62

Azobenzene

Concen: 2.56 ng

RT: 15.79 min Scan# 2229

Delta R.T. 0.02 min

Lab File: BG017040.D

Acq: 11 May 2015 1:20

Instrument :

BNA_G

ClientSampleId :

W-31

Tgt Ion: 77 Resp: 42907

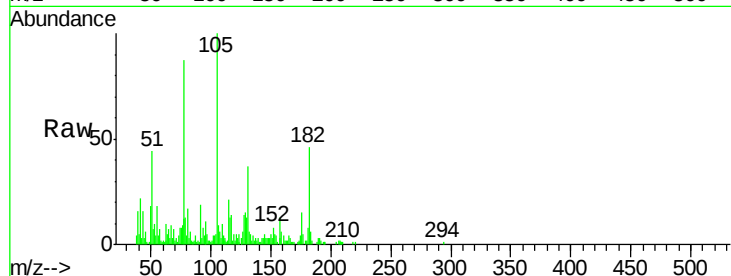
Ion Ratio Lower Upper

77 100

182 52.7 7.4 47.4#

105 114.9 0.0 36.6#

51 50.8 13.4 53.4

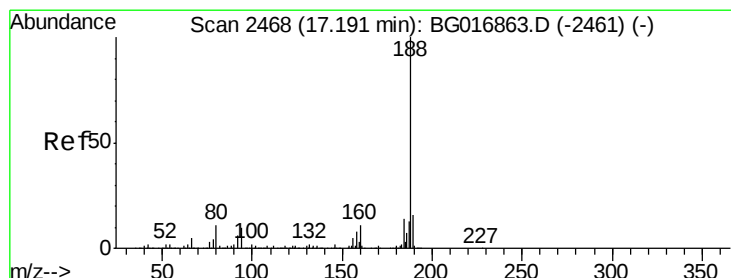
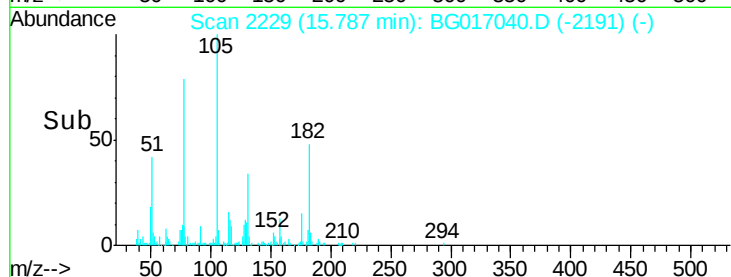
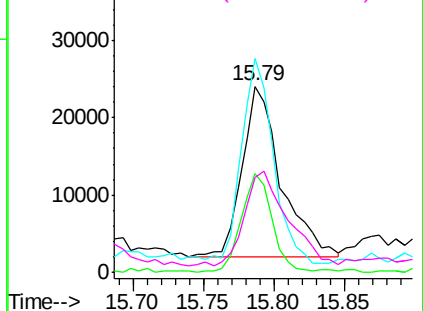


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#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

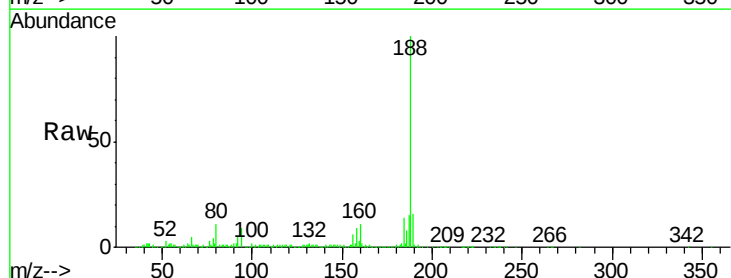
Tgt Ion: 188 Resp: 423071

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.4

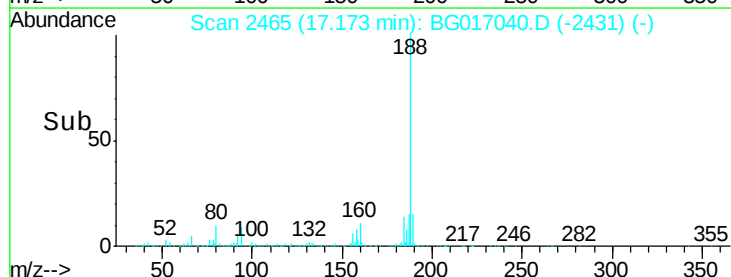
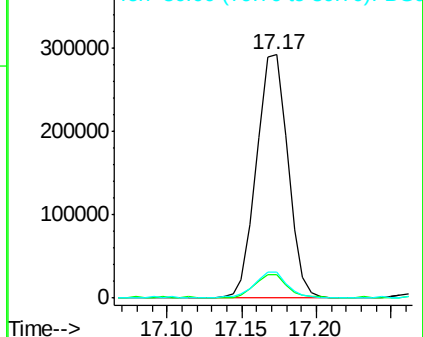
80 10.5 8.8 13.2

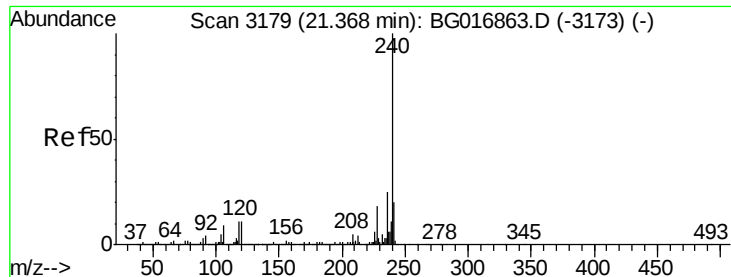


Abundance Ion 188.00 (187.70 to 188.70): BGC

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

Instrument :

BNA_G

ClientSampleId :

W-31

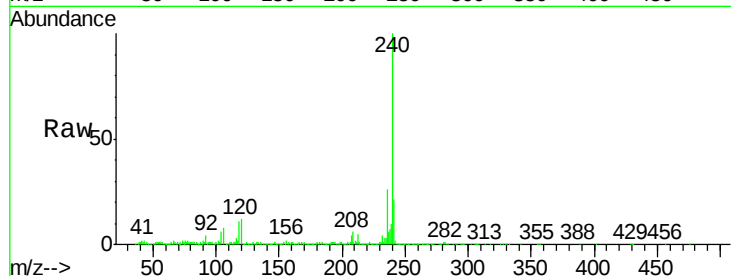
Tgt Ion:240 Resp: 400961

Ion Ratio Lower Upper

240 100

120 12.1 9.1 13.7

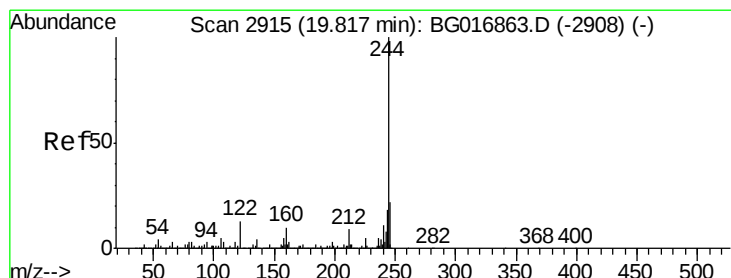
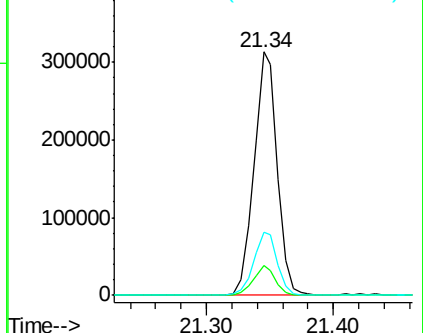
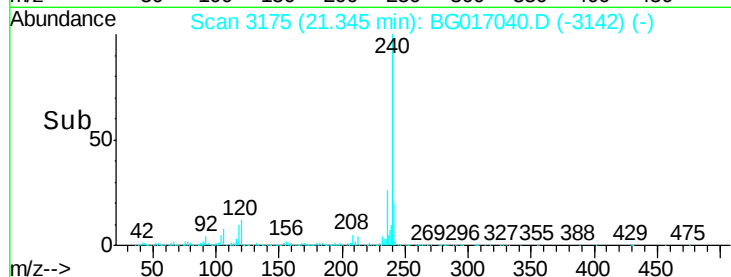
236 25.8 20.2 30.4



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

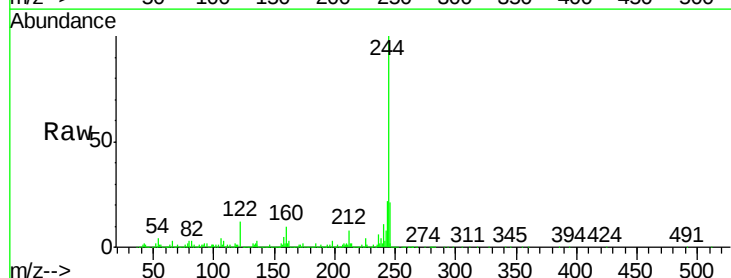
Tgt Ion:244 Resp: 1403723

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

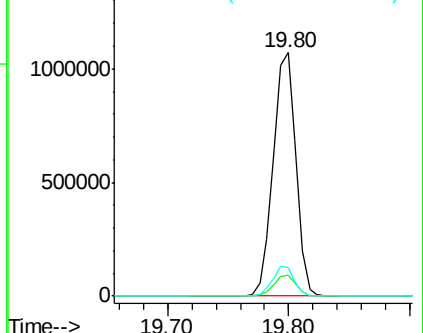
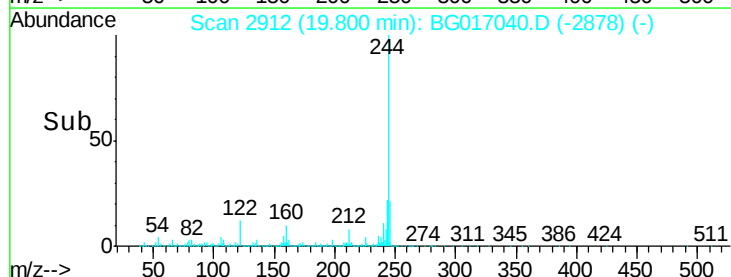
122 11.8 10.4 15.6

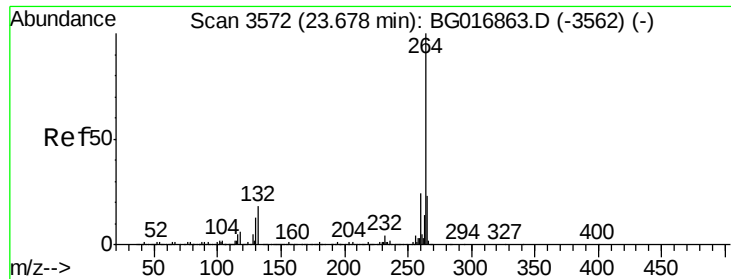


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

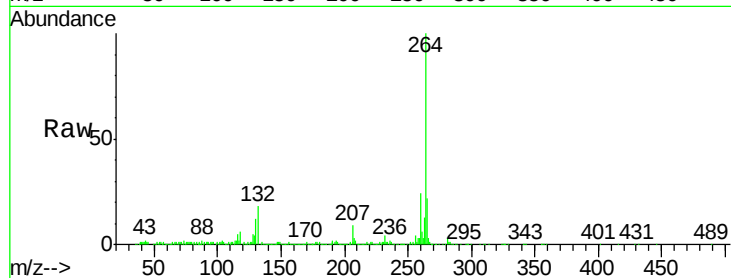




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.00 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Instrument :
BNA_G
ClientSampleId :
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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

