

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078063.D
 Acq On : 28 Mar 2015 5:59
 Operator : TP/IZ
 Sample : G1687-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STORMWATER

Quant Time: Mar 28 06:46:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:39:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	37559	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	154761	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	75767	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	153543	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	164556	20.00	ng	0.00
86) Perylene-d12	17.63	264	161437	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	58713	27.29	ng	0.00
7) Phenol-d6	6.67	99	41657	15.67	ng	0.00
23) Nitrobenzene-d5	7.77	82	148591	62.94	ng	-0.01
41) 2,4,6-Tribromophenol	11.79	330	43515	60.03	ng	-0.01
44) 2-Fluorobiphenyl	10.00	172	347647	67.43	ng	0.00
78) Terphenyl-d14	14.65	244	412001	61.16	ng	0.00

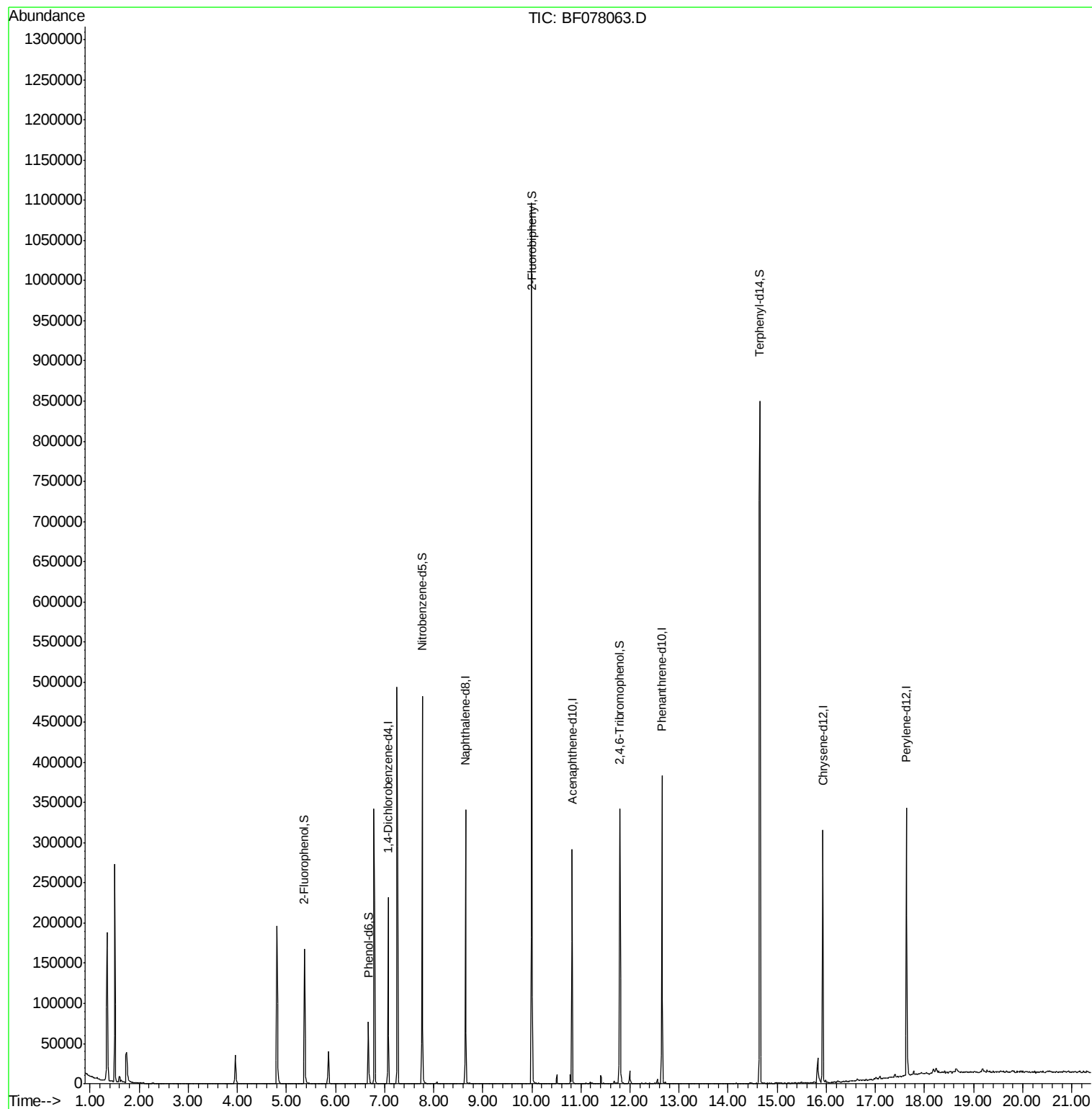
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078063.D

Acq: 28 Mar 2015 5:59

Instrument :

BNA_F

ClientSampleId :

STORMWATER

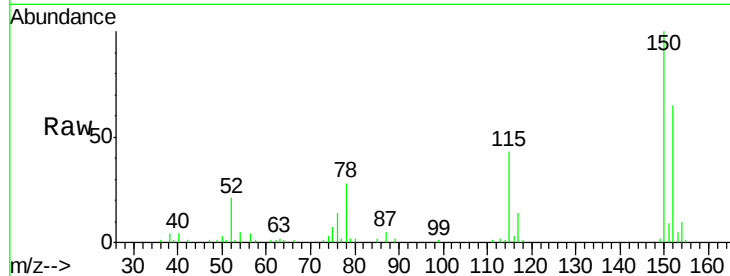
Tot Ion:152 Resp: 37559

Ion Ratio Lower Upper

152 100

150 153.0 119.5 179.3

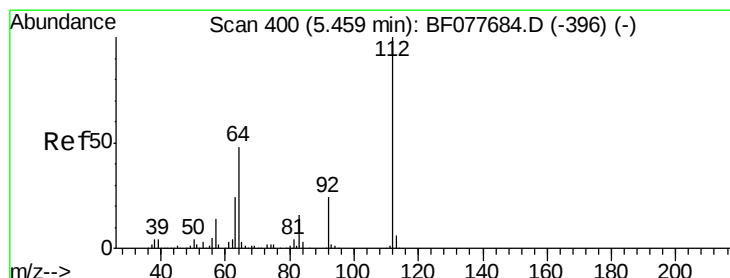
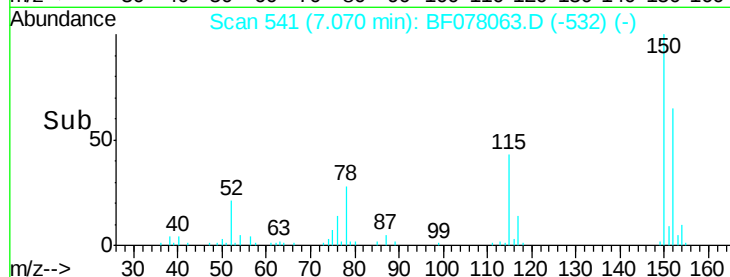
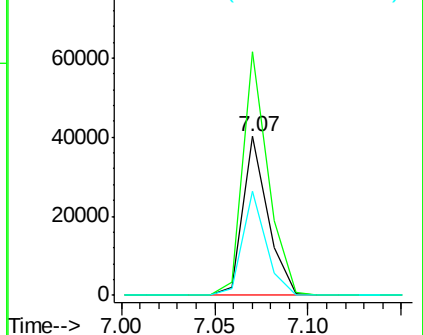
115 65.2 43.0 64.4#



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: 27.29 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078063.D

Acq: 28 Mar 2015 5:59

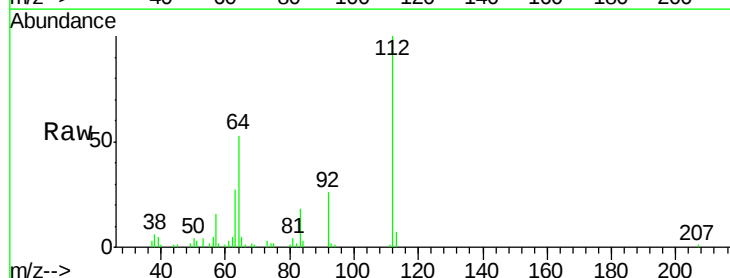
Tgt Ion:112 Resp: 58713

Ion Ratio Lower Upper

112 100

64 53.0 38.6 57.8

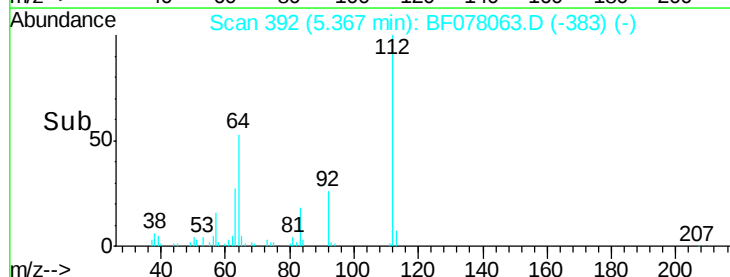
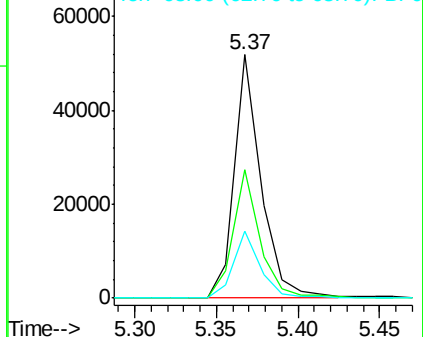
63 27.5 19.3 28.9

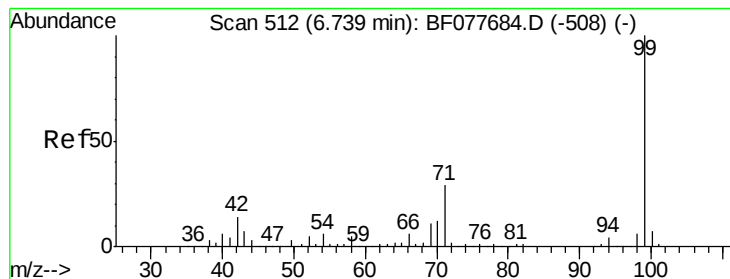


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 15.67 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078063.D

Acq: 28 Mar 2015 5:59

Instrument :

BNA_F

ClientSampleId :

STORMWATER

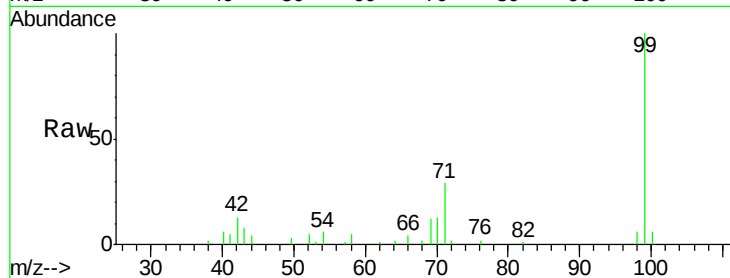
Tot Ion: 99 Resp: 41657

Ion Ratio Lower Upper

99 100

42 13.4 11.0 16.4

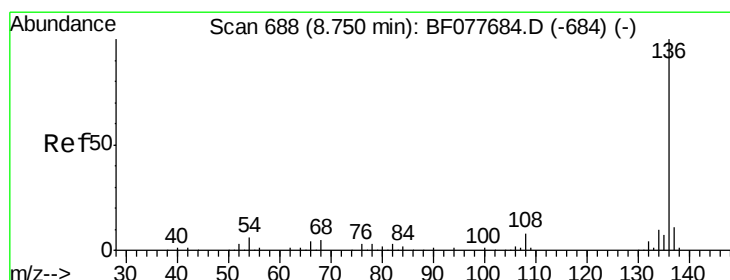
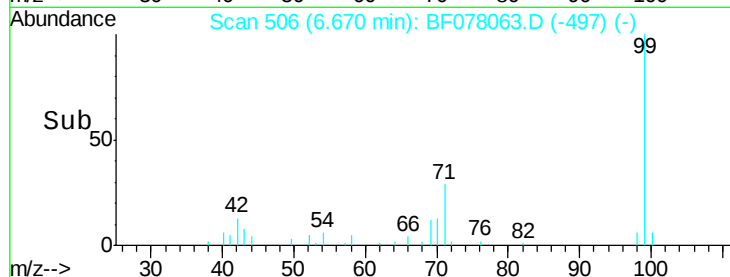
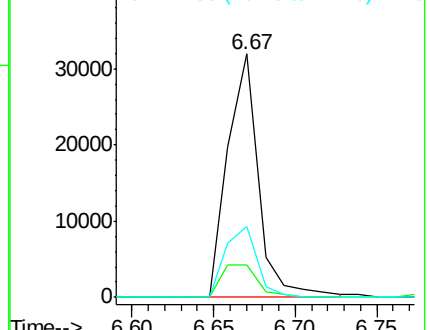
71 29.3 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078063.D

Acq: 28 Mar 2015 5:59

Tgt Ion: 136 Resp: 154761

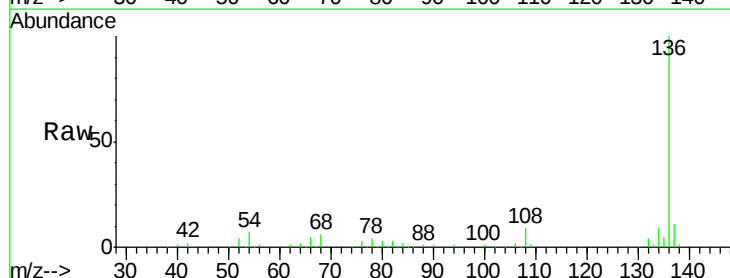
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.3 4.6 6.8#

68 5.7 3.7 5.5#

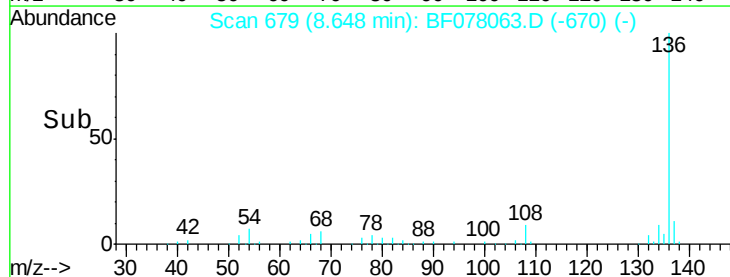
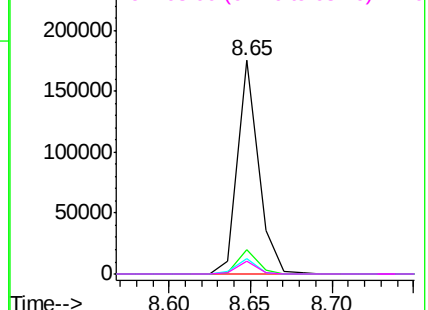


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

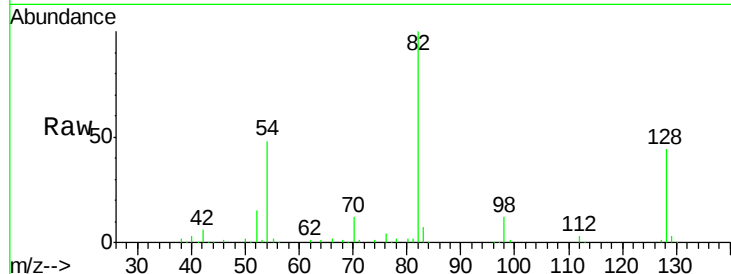




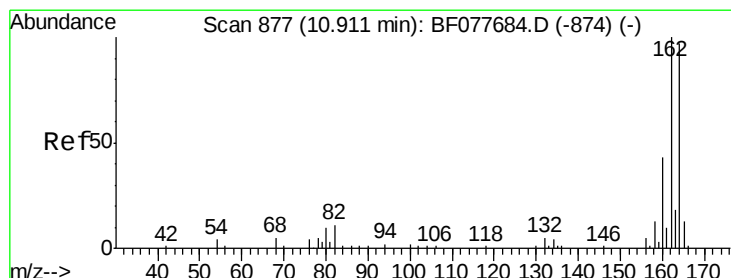
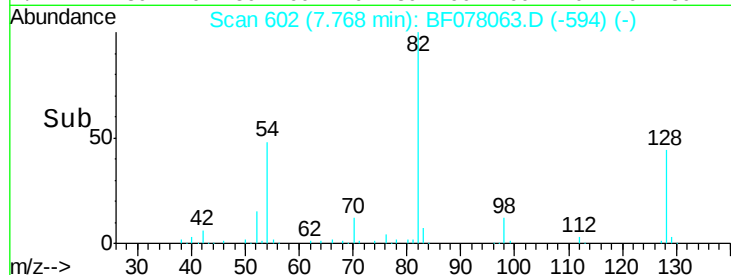
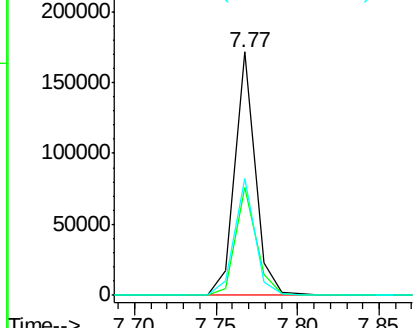
#23
 Nitrobenzene-d5
 Concen: 62.94 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078063.D
 Acq: 28 Mar 2015 5:59

Instrument :
 BNA_F
 ClientSampleId :
 STORMWATER

Tot Ion: 82 Resp: 148591
 Ion Ratio Lower Upper
 82 100
 128 44.2 32.8 49.2
 54 48.1 40.6 60.8

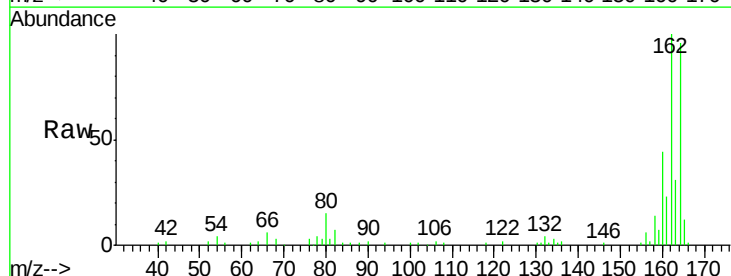


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

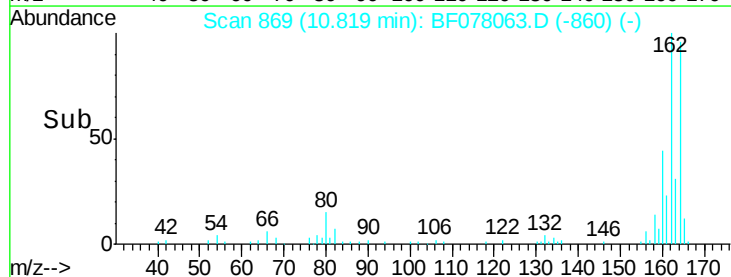
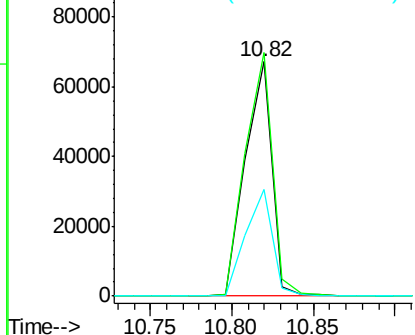


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078063.D
 Acq: 28 Mar 2015 5:59

Tgt Ion: 164 Resp: 75767
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.4 123.6
 160 45.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

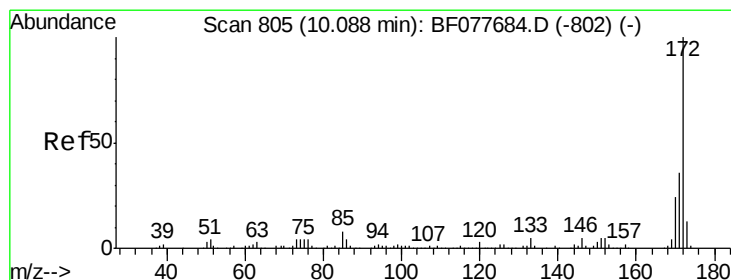
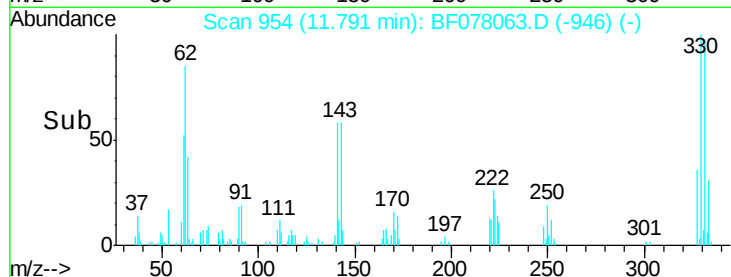
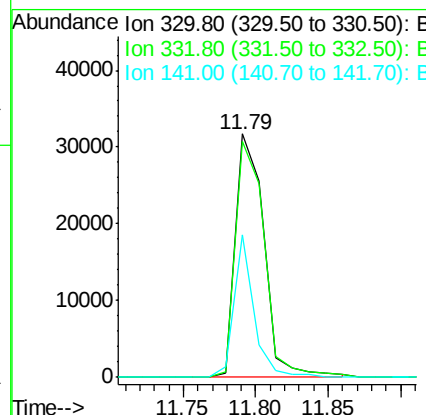
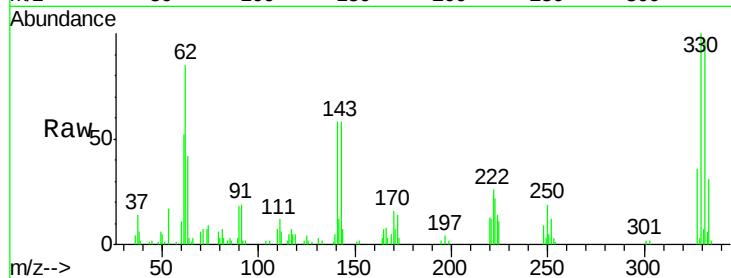




#41
 2,4,6-Tribromophenol
 Concen: 60.03 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF078063.D
 Acq: 28 Mar 2015 5:59

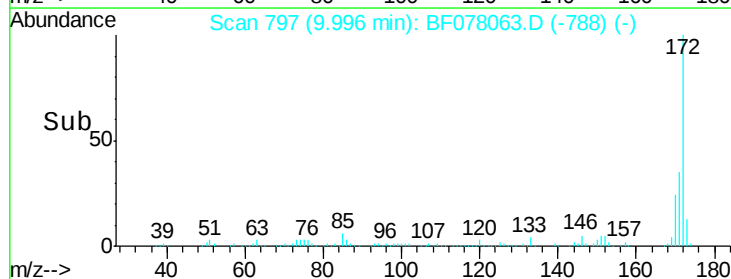
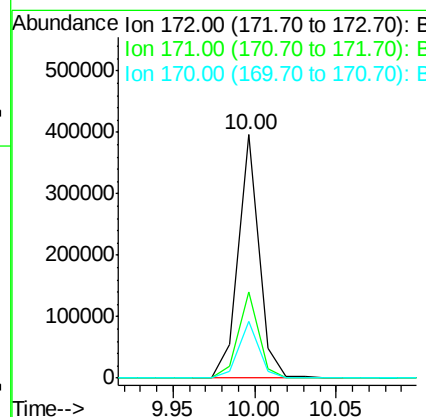
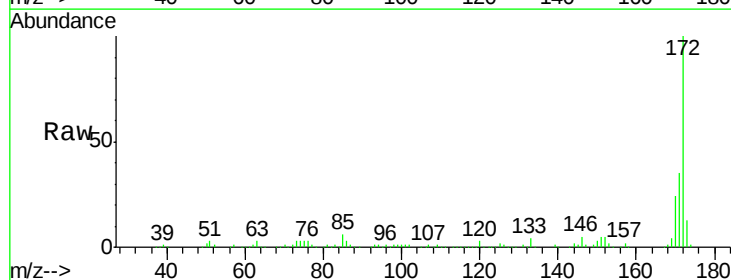
Instrument :
 BNA_F
 ClientSampleId :
 STORMWATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	40.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 67.43 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078063.D
 Acq: 28 Mar 2015 5:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.5	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF078063.D

Acq: 28 Mar 2015 5:59

Instrument :

BNA_F

ClientSampleId :

STORMWATER

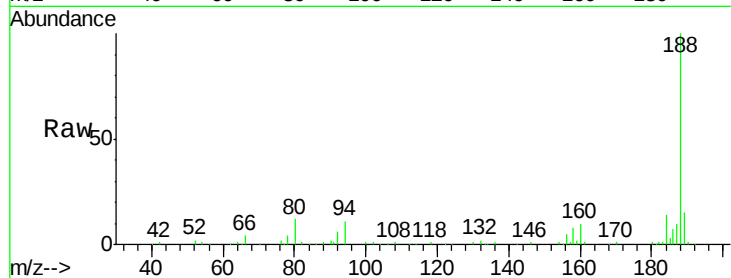
Tot Ion:188 Resp: 153543

Ion Ratio Lower Upper

188 100

94 10.9 8.7 13.1

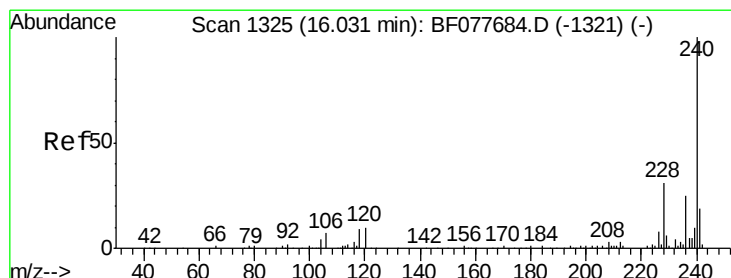
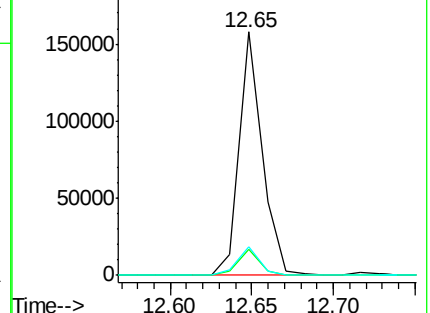
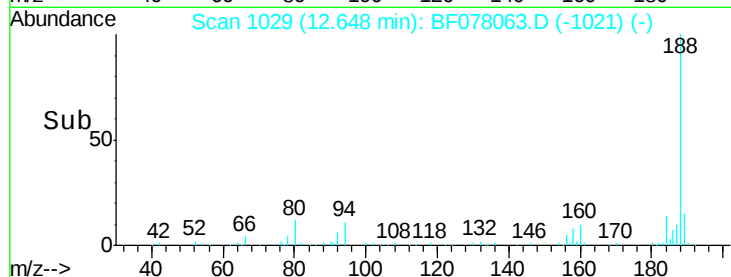
80 11.9 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF078063.D

Acq: 28 Mar 2015 5:59

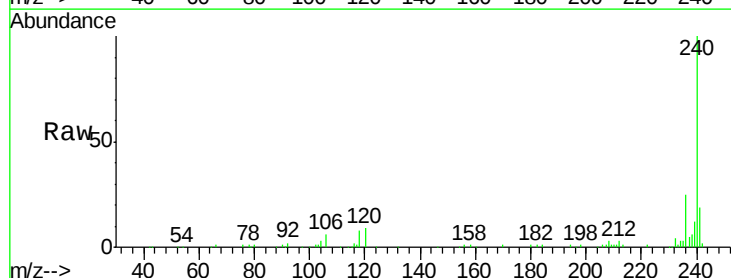
Tgt Ion:240 Resp: 164556

Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

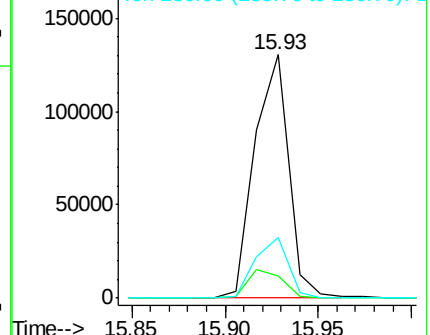
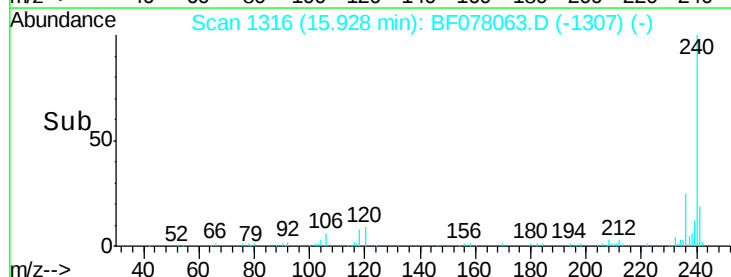
236 24.8 20.0 30.0

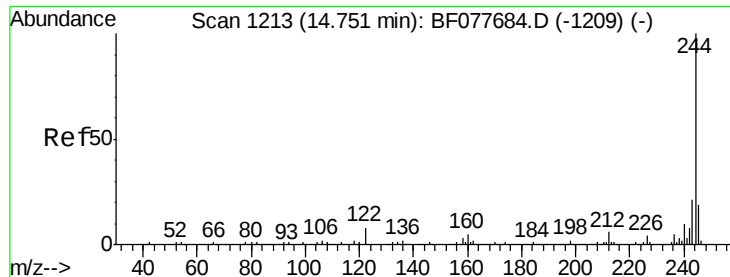


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

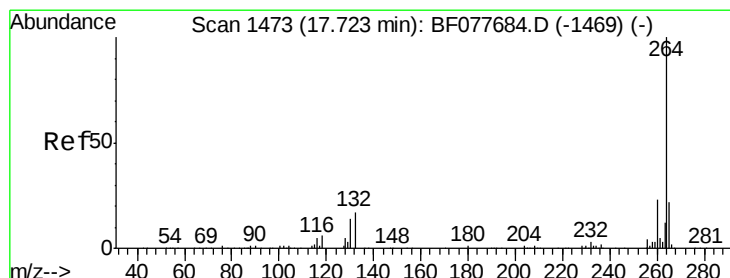
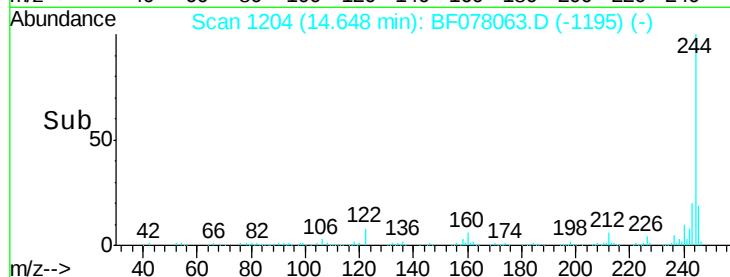
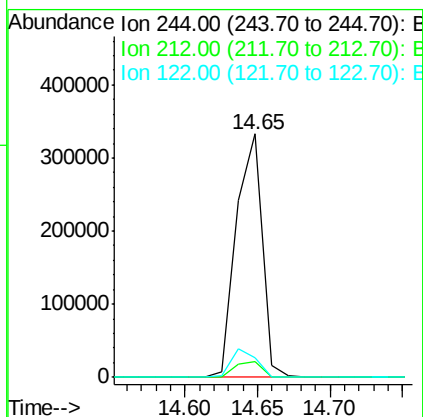
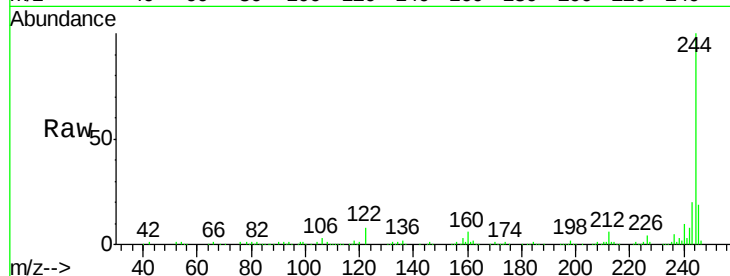




#78
 Terphenyl-d14
 Concen: 61.16 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078063.D
 Acq: 28 Mar 2015 5:59

Instrument :
 BNA_F
 ClientSampleId :
 STORMWATER

Tot Ion:244 Resp: 412001
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.9 7.3
 122 8.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.63 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BF078063.D
 Acq: 28 Mar 2015 5:59

Tgt Ion:264 Resp: 161437
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.1 17.3 25.9

