

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078844.D
 Acq On : 30 Apr 2015 8:02
 Operator : TP/IZ
 Sample : G2034-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Quant Time: Apr 30 08:49:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 07:36:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	78406	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	333591	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	162780	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	311532	20.00	ng	0.00
75) Chrysene-d12	16.30	240	336430	20.00	ng	0.01
86) Perylene-d12	18.10	264	348228	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	12171	2.85	ng	0.01
7) Phenol-d6	6.92	99	18775	3.29	ng	0.00
23) Nitrobenzene-d5	8.07	82	411487	88.81	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	7553	9.74	ng	-0.01
44) 2-Fluorobiphenyl	10.31	172	875165	73.63	ng	0.00
78) Terphenyl-d14	14.98	244	973780	68.93	ng	0.00

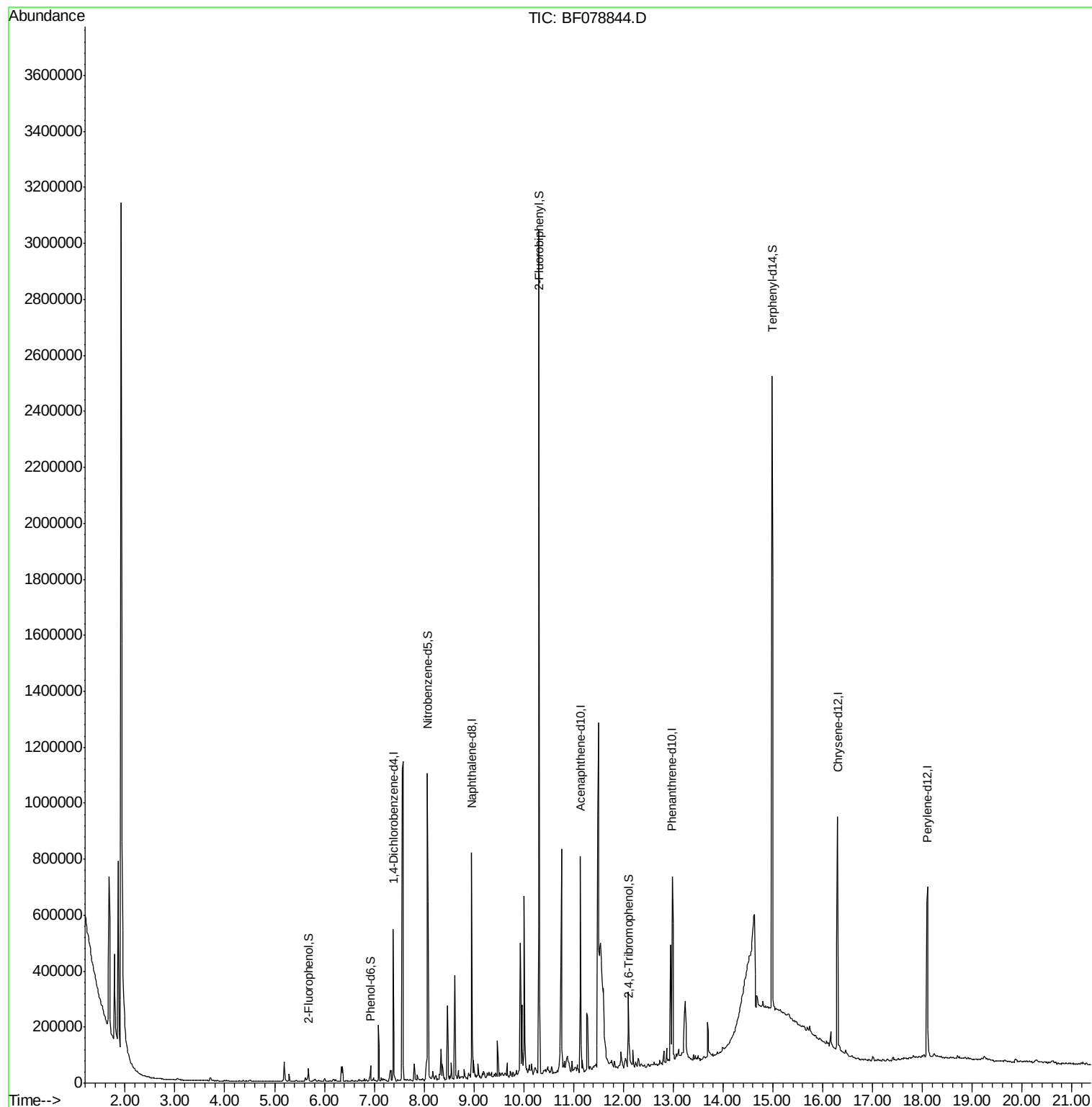
Target Compounds Qvalue

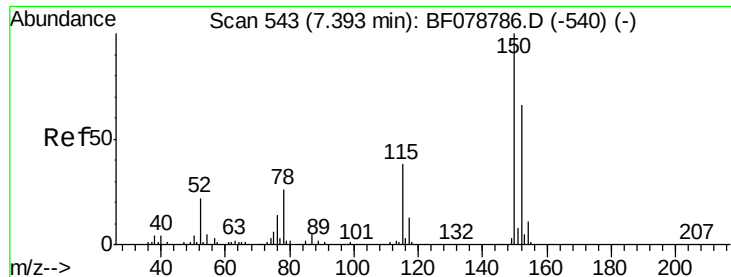
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078844.D

Acq: 30 Apr 2015 8:02

Instrument :

BNA_F

ClientSampleId :

W-39

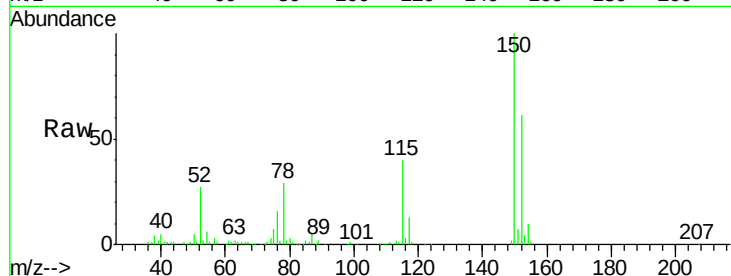
Tot Ion:152 Resp: 78406

Ion Ratio Lower Upper

152 100

150 163.5 122.0 183.0

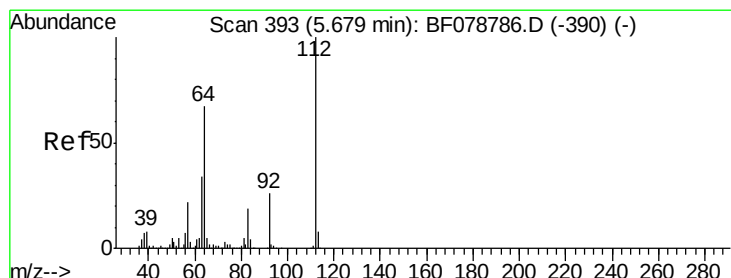
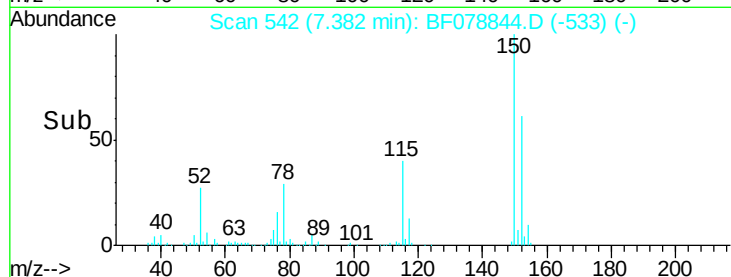
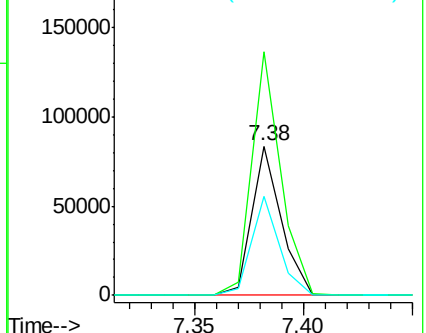
115 66.1 46.3 69.5



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: 2.85 ng

RT: 5.68 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF078844.D

Acq: 30 Apr 2015 8:02

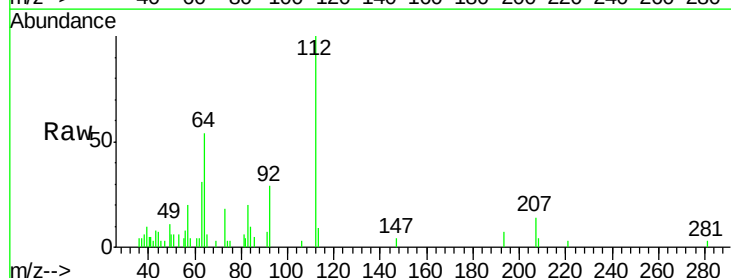
Tgt Ion:112 Resp: 12171

Ion Ratio Lower Upper

112 100

64 54.1 53.5 80.3

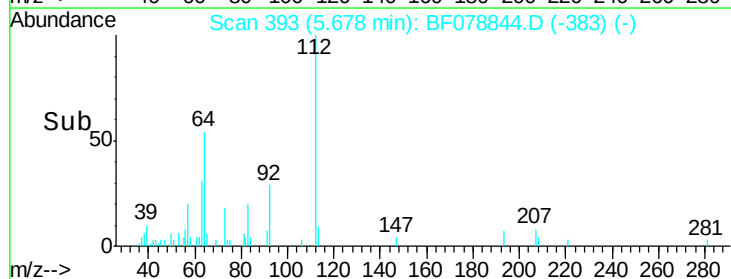
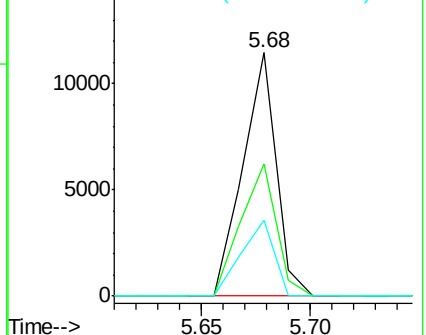
63 31.4 27.5 41.3

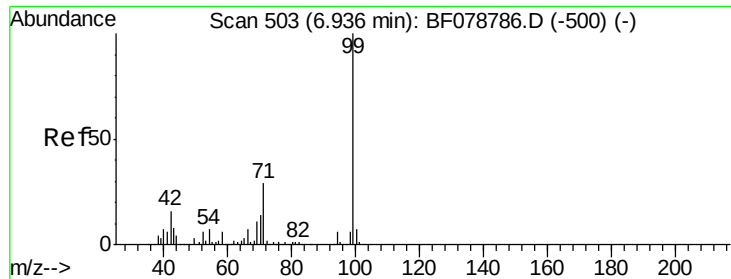


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.29 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078844.D

Acq: 30 Apr 2015 8:02

Instrument :

BNA_F

ClientSampleId :

W-39

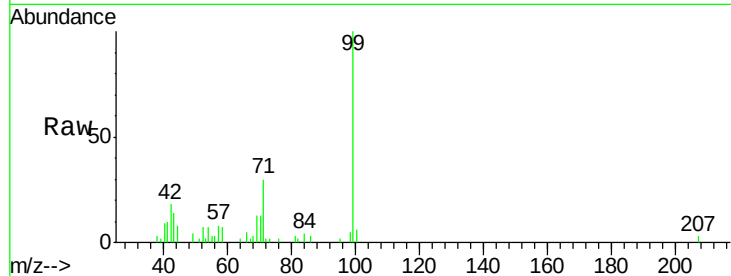
Tot Ion: 99 Resp: 18775

Ion Ratio Lower Upper

99 100

42 18.2 12.8 19.2

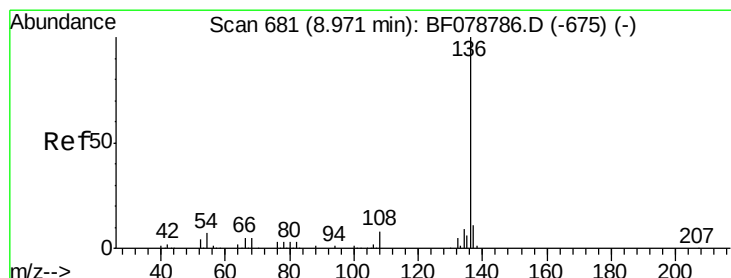
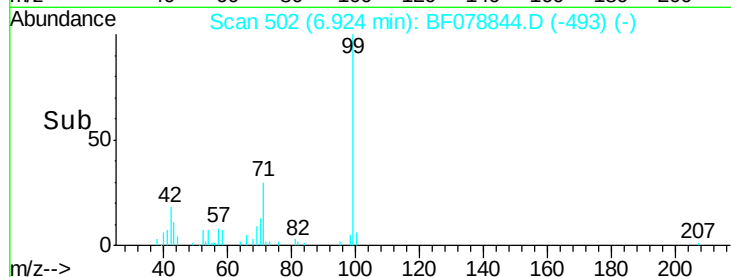
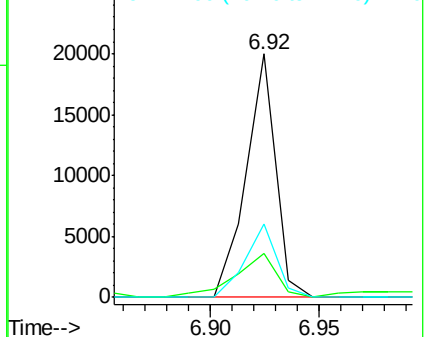
71 30.0 23.4 35.2



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: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078844.D

Acq: 30 Apr 2015 8:02

Tgt Ion: 136 Resp: 333591

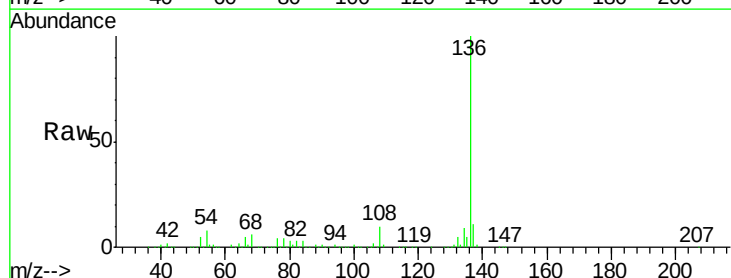
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.5 5.8 8.8

68 6.5 4.2 6.4#

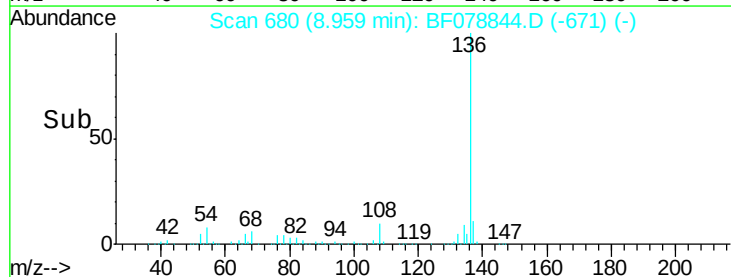
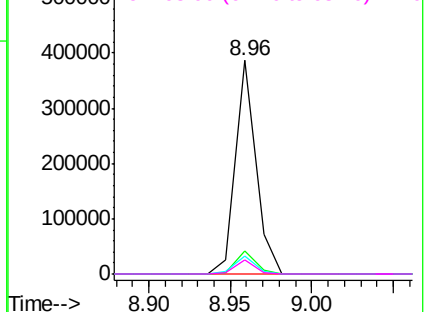


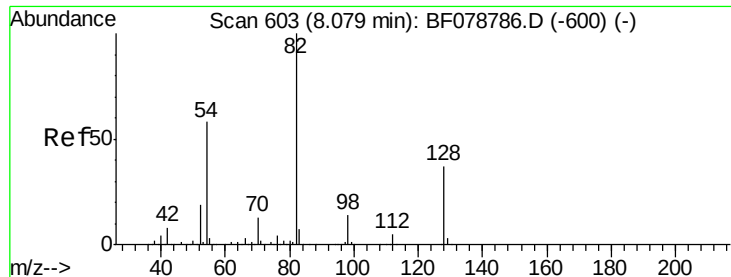
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.81 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF078844.D

Acq: 30 Apr 2015 8:02

Instrument :

BNA_F

ClientSampled :

W-39

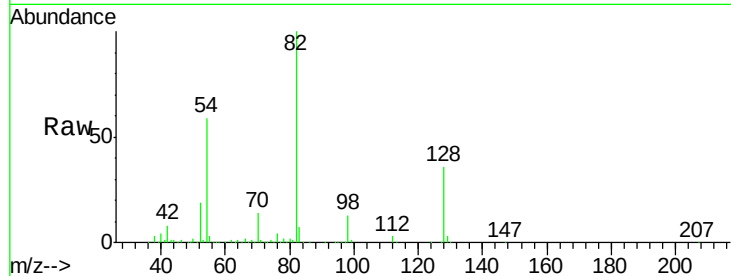
Tot Ion: 82 Resp: 411487

Ion Ratio Lower Upper

82 100

128 35.7 30.0 45.0

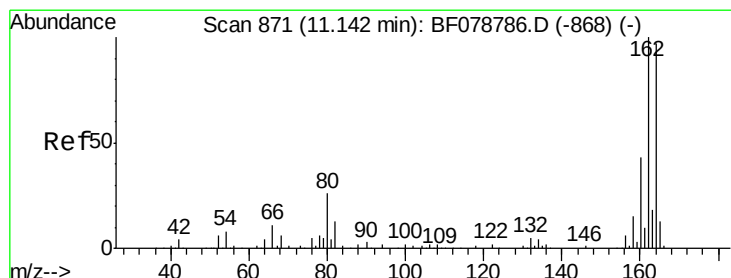
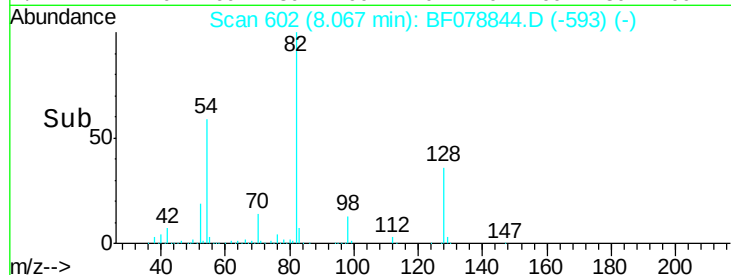
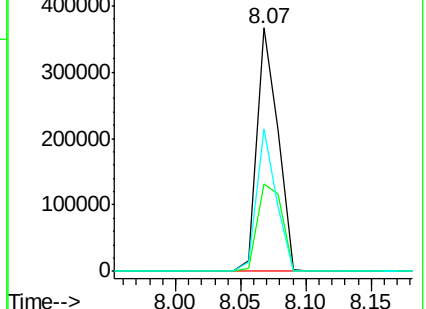
54 58.7 46.4 69.6



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: 11.14 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF078844.D

Acq: 30 Apr 2015 8:02

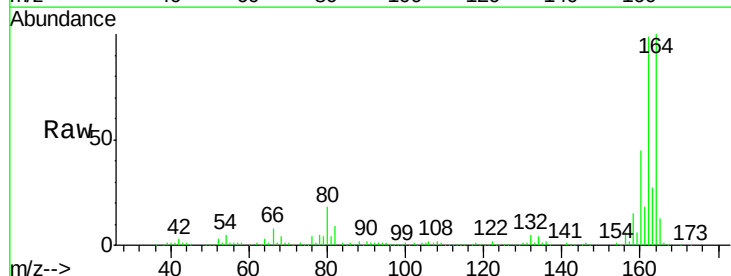
Tgt Ion: 164 Resp: 162780

Ion Ratio Lower Upper

164 100

162 99.4 82.7 124.1

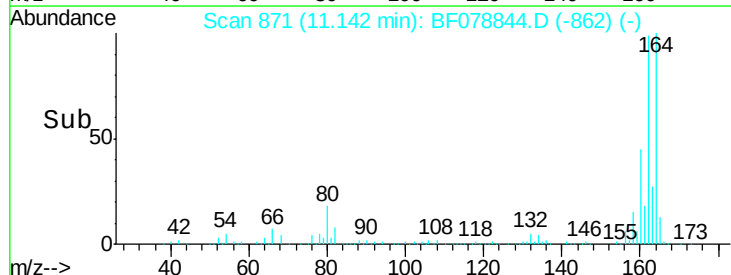
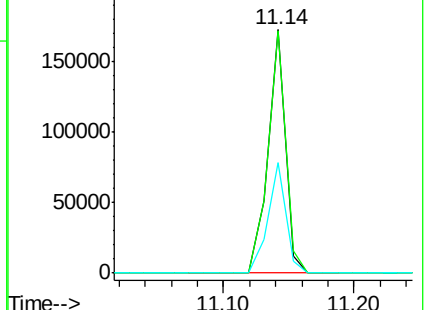
160 45.5 35.8 53.8

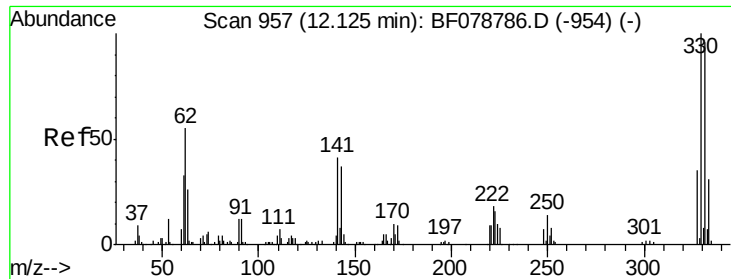


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

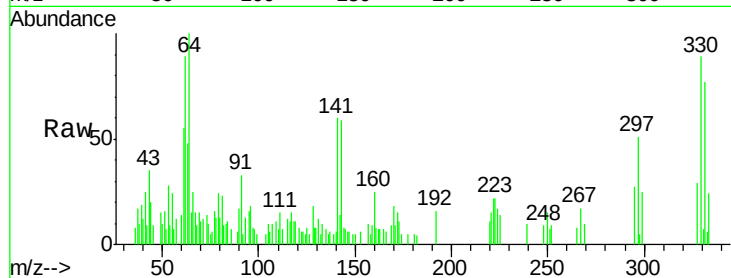




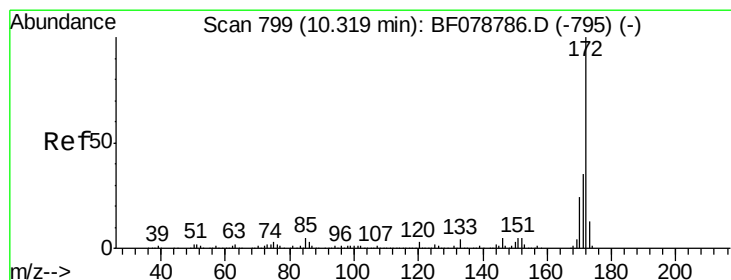
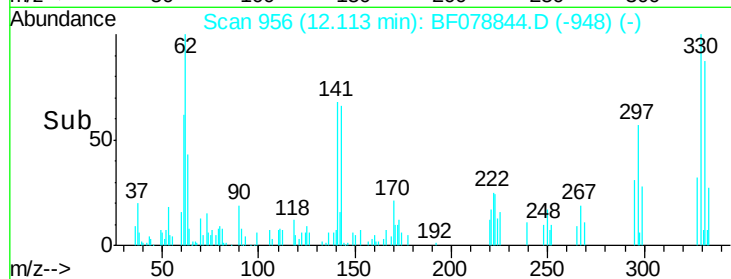
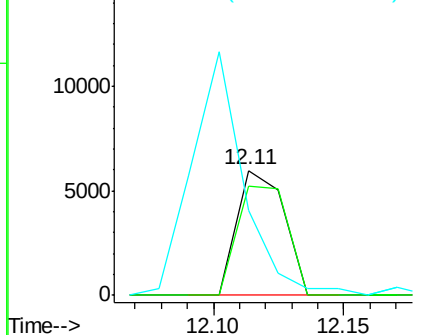
#41
 2,4,6-Tribromophenol
 Concen: 9.74 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078844.D
 Acq: 30 Apr 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	0.0	0.0#
141	213.4	0.0	0.0#

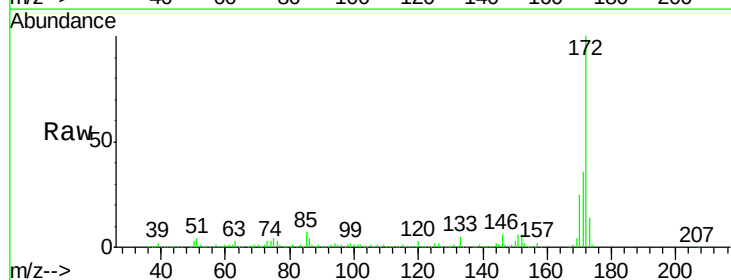


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

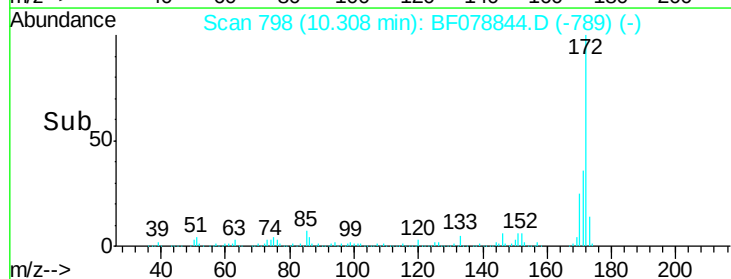
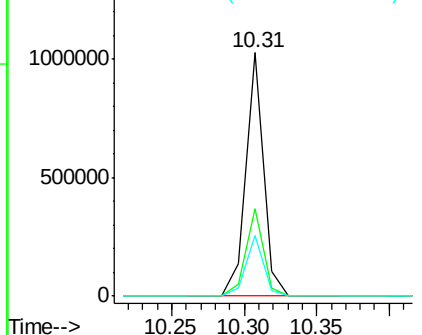


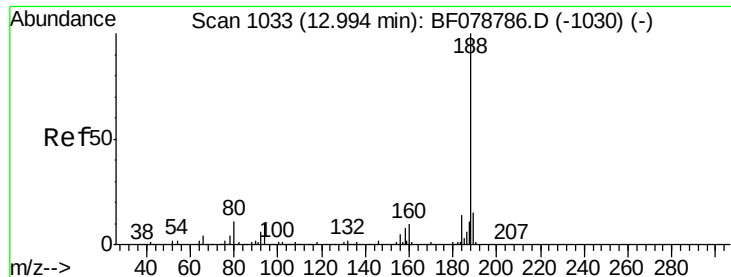
#44
 2-Fluorobiphenyl
 Concen: 73.63 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF078844.D
 Acq: 30 Apr 2015 8:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	24.7	19.4	29.0



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

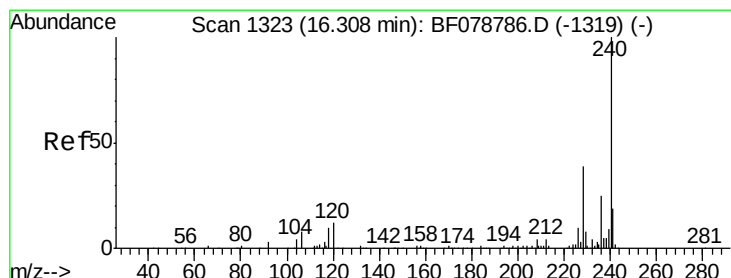
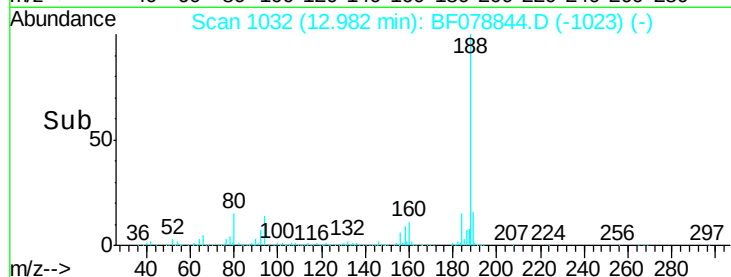
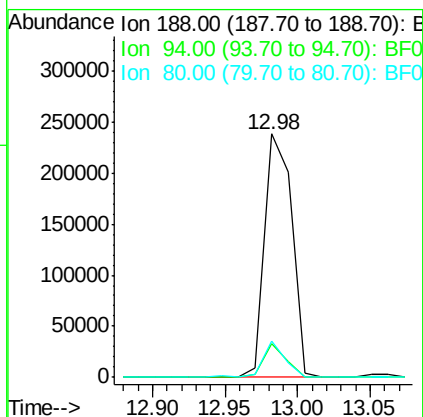
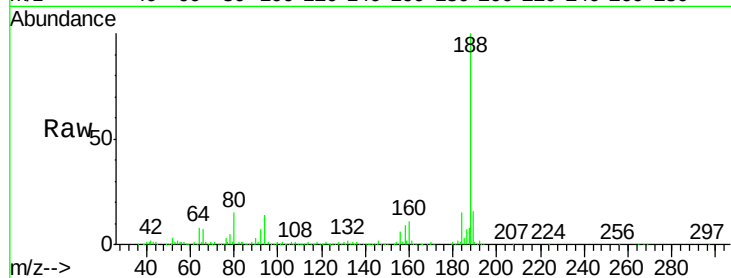




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078844.D
Acq: 30 Apr 2015 8:02

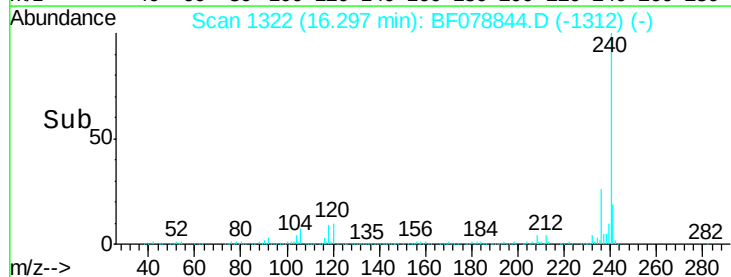
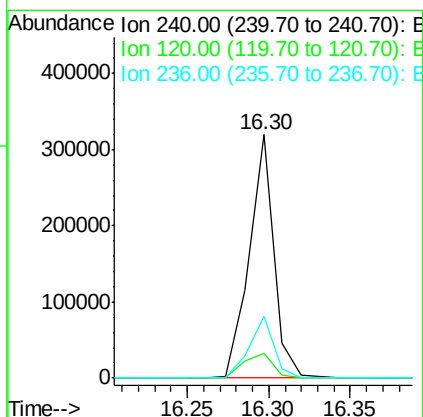
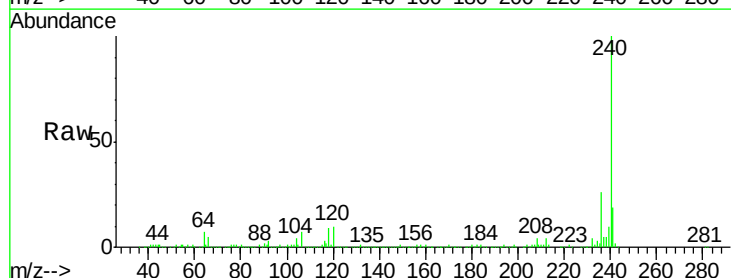
Instrument :
BNA_F
ClientSampleId :
W-39

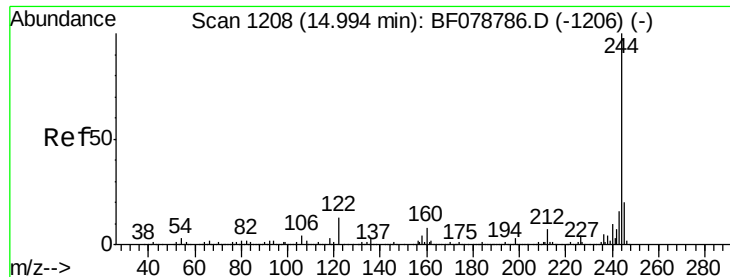
Tot Ion:188 Resp: 311532
Ion Ratio Lower Upper
188 100
94 13.7 8.2 12.2#
80 15.0 8.9 13.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF078844.D
Acq: 30 Apr 2015 8:02

Tgt Ion:240 Resp: 336430
Ion Ratio Lower Upper
240 100
120 10.4 9.7 14.5
236 25.6 20.2 30.4





#78

Terphenyl-d14

Concen: 68.93 ng

RT: 14.98 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF078844.D

Acq: 30 Apr 2015 8:02

Instrument :

BNA_F

ClientSampleId :

W-39

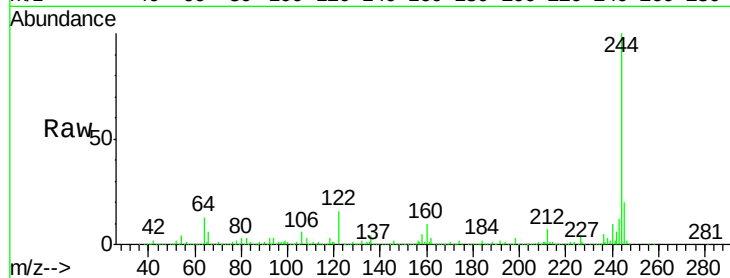
Tot Ion:244 Resp: 973780

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

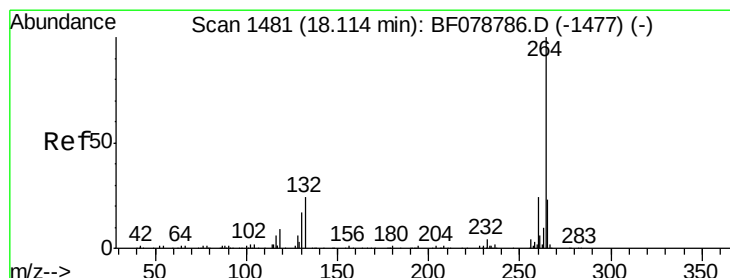
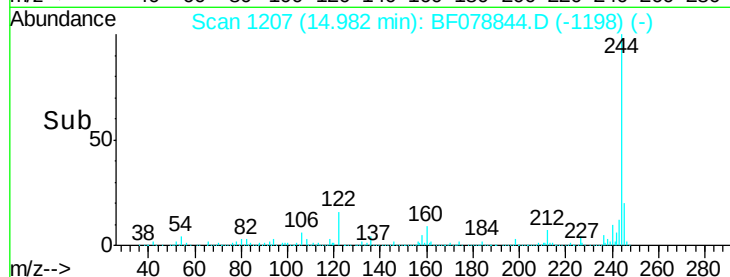
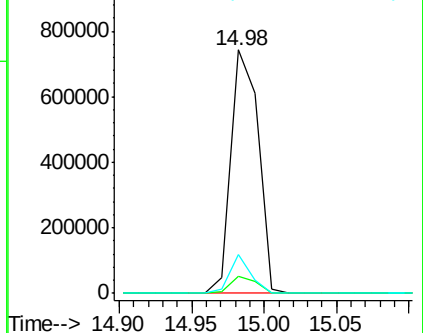
122 16.1 10.3 15.5#



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: 18.10 min Scan# 1480

Delta R.T. 0.09 min

Lab File: BF078844.D

Acq: 30 Apr 2015 8:02

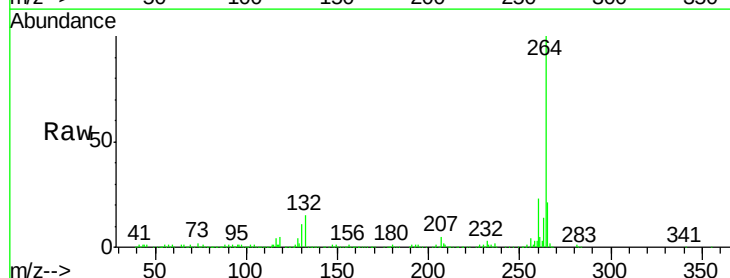
Tgt Ion:264 Resp: 348228

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.4 18.3 27.5



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

