

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078378.D
 Acq On : 10 Apr 2015 2:34
 Operator : TP/IZ
 Sample : G1782-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB09(1)

Quant Time: Apr 10 04:06:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 01:53:29 2015
 Response via : Initial Calibration

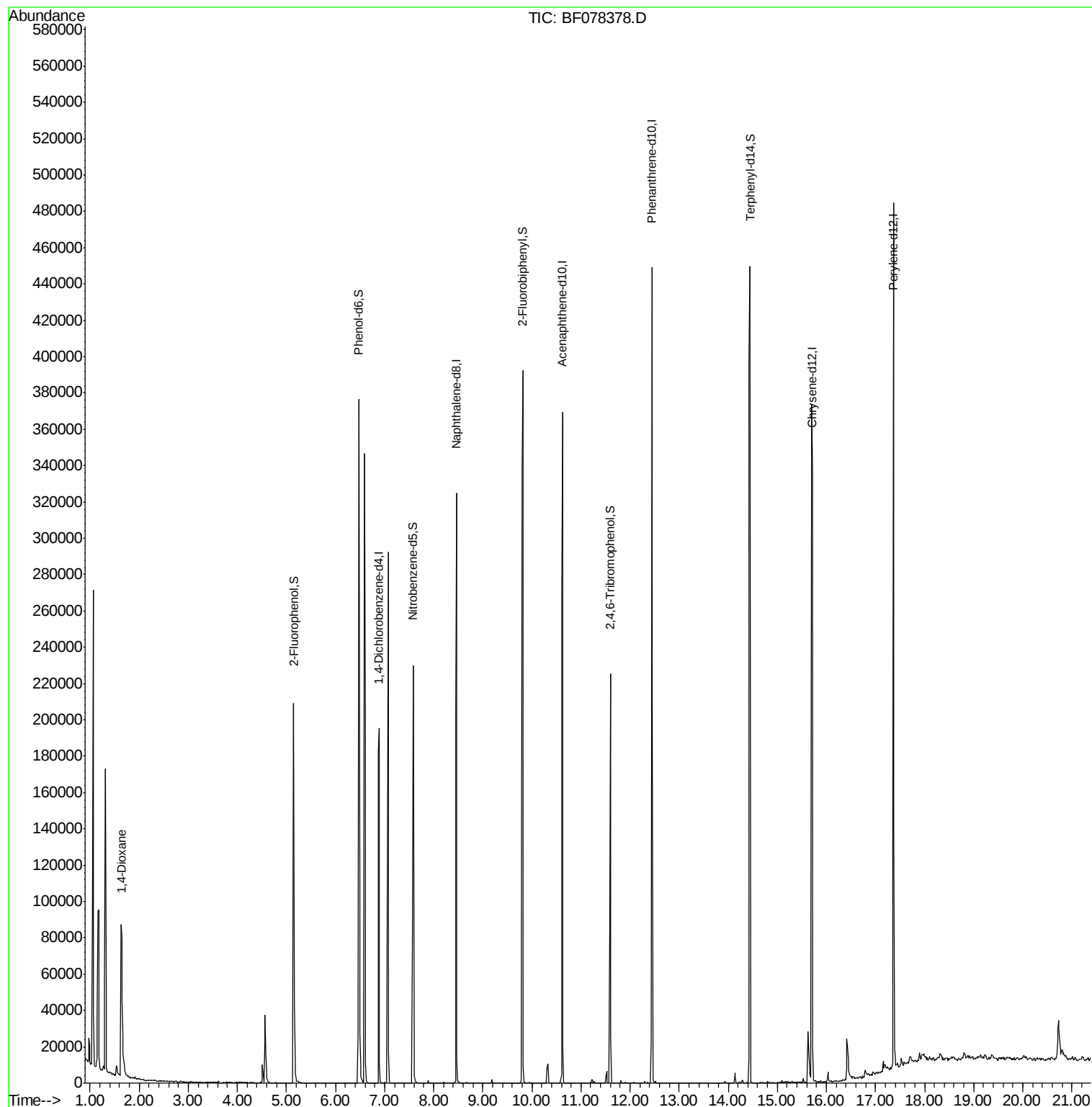
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	46950	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	194638	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	101085	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	202190	20.00	ng	0.00
75) Chrysene-d12	15.71	240	199573	20.00	ng	0.00
86) Perylene-d12	17.37	264	197268	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	102365	35.95	ng	0.01
7) Phenol-d6	6.48	99	143818	40.30	ng	0.00
23) Nitrobenzene-d5	7.58	82	83374	25.96	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	29020	34.62	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	188094	26.60	ng	0.00
78) Terphenyl-d14	14.44	244	226752	25.67	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.64	88	4553	3.54	ng	Qvalue # 23

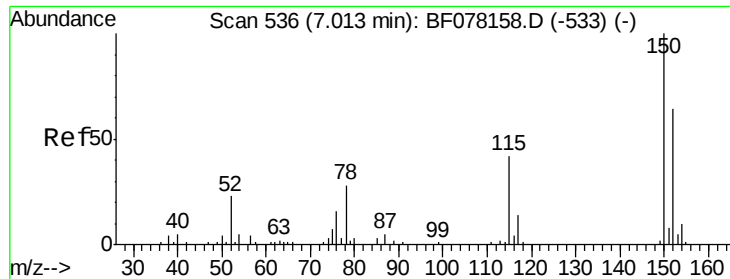
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF078378.D

Acq: 10 Apr 2015 2:34

Instrument :

BNA_F

ClientSampleId :

SB09(1)

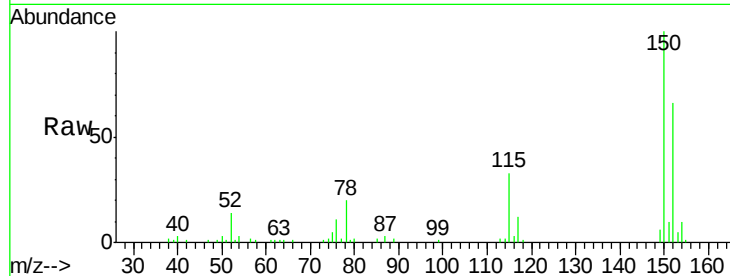
Tgt Ion:152 Resp: 46950

Ion Ratio Lower Upper

152 100

150 152.5 125.9 188.9

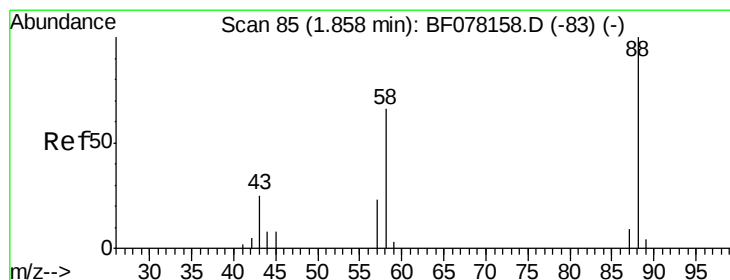
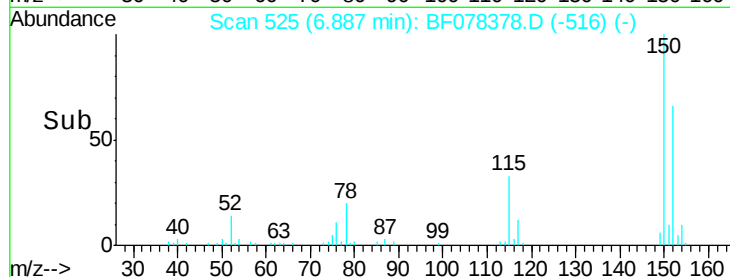
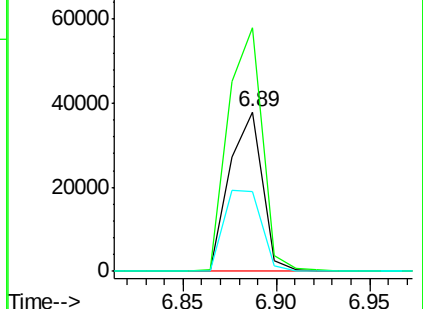
115 49.7 52.7 79.1#



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



#2

1,4-Dioxane

Concen: 3.54 ng

RT: 1.64 min Scan# 66

Delta R.T. -0.05 min

Lab File: BF078378.D

Acq: 10 Apr 2015 2:34

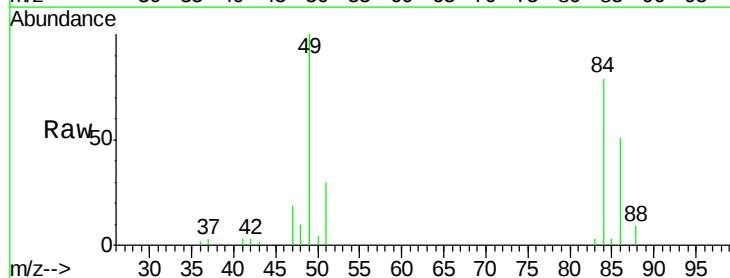
Tgt Ion: 88 Resp: 4553

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

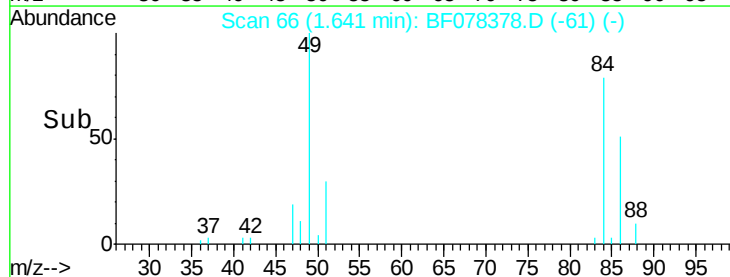
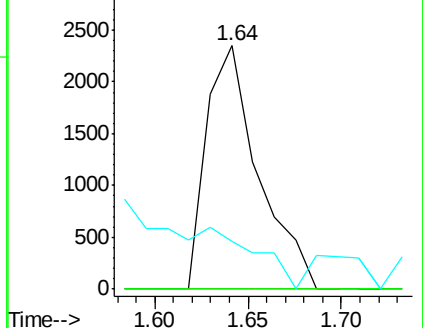
43 0.0 21.4 32.2#

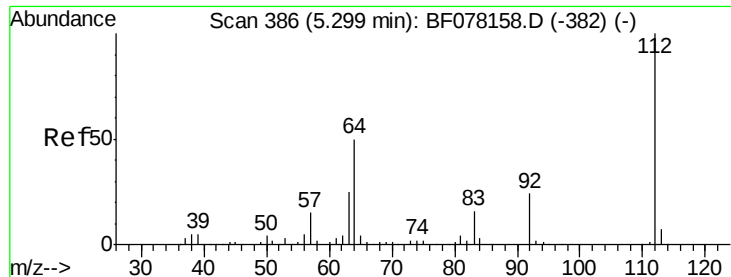


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 35.95 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF078378.D

Acq: 10 Apr 2015 2:34

Instrument :

BNA_F

ClientSampled :

SB09(1)

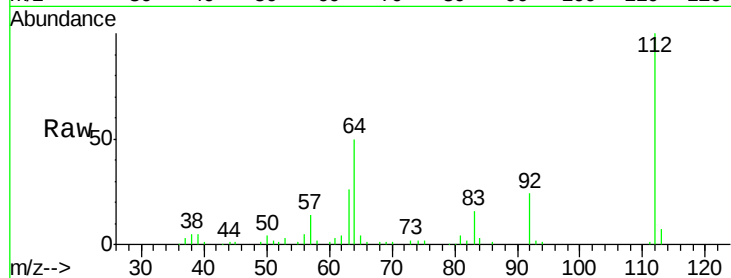
Tgt Ion: 112 Resp: 102365

Ion Ratio Lower Upper

112 100

64 50.3 39.9 59.9

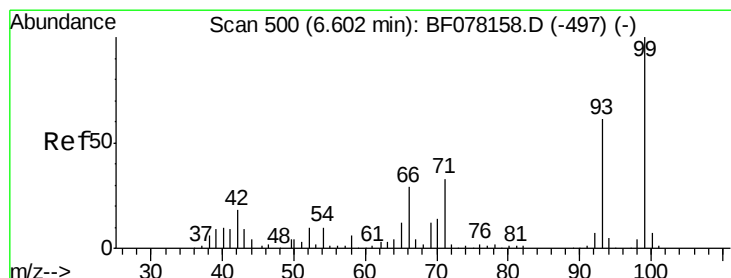
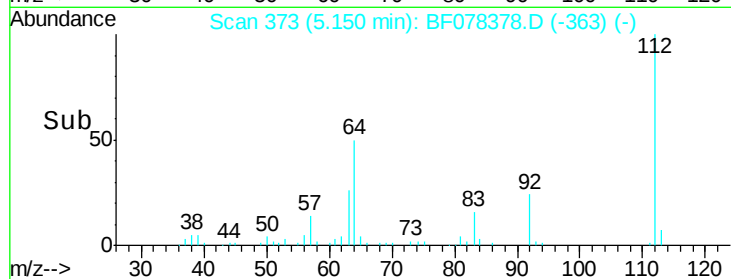
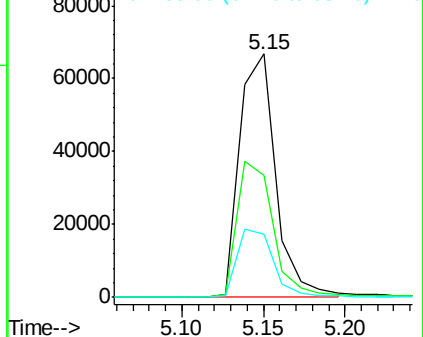
63 25.8 20.2 30.4



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: 40.30 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF078378.D

Acq: 10 Apr 2015 2:34

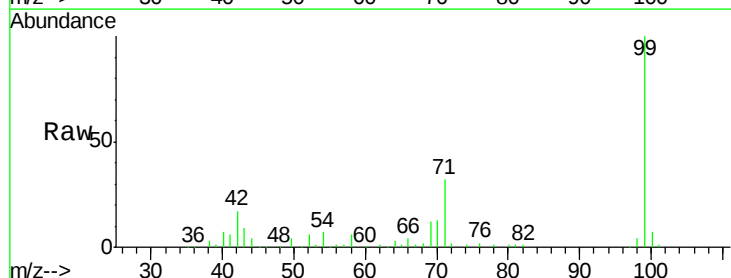
Tgt Ion: 99 Resp: 143818

Ion Ratio Lower Upper

99 100

42 16.5 14.8 22.2

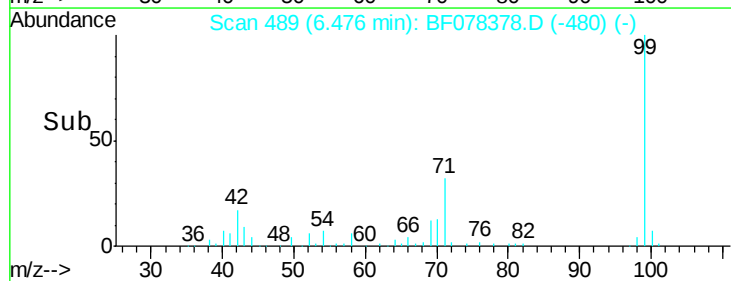
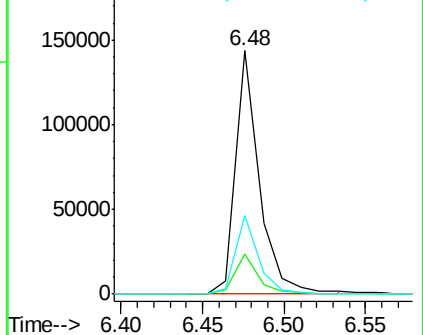
71 32.1 26.6 39.8

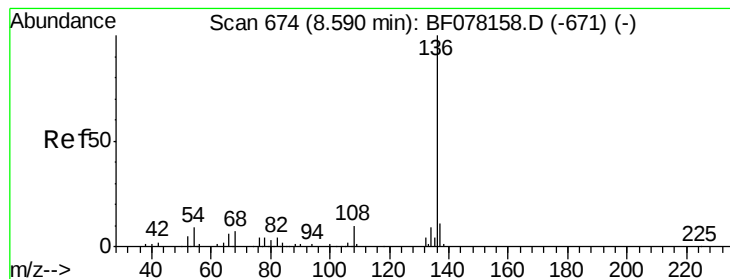


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF078378.D

Acq: 10 Apr 2015 2:34

Instrument :

BNA_F

ClientSampleId :

SB09(1)

Tgt Ion:136 Resp: 194638

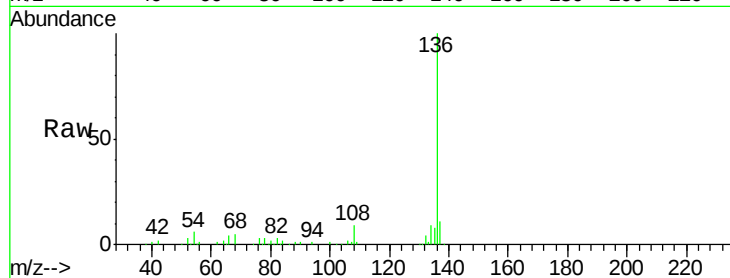
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 5.6 7.0 10.6#

68 4.7 5.4 8.2#

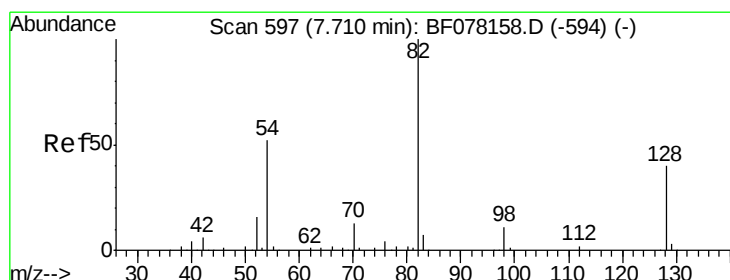
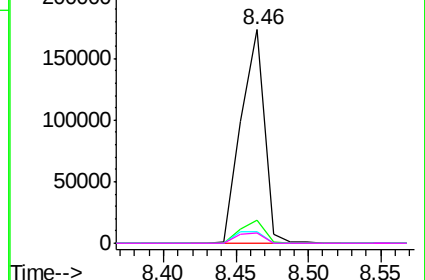
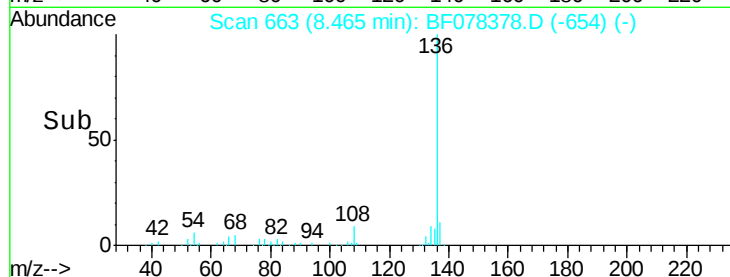


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.96 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078378.D

Acq: 10 Apr 2015 2:34

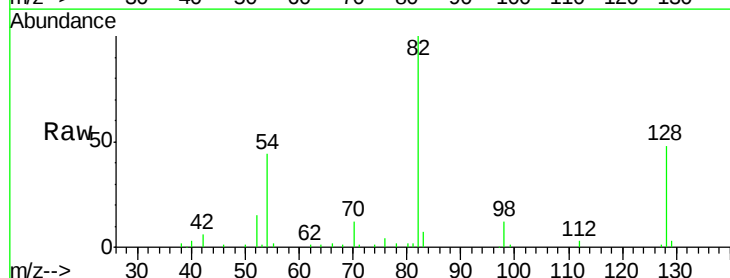
Tgt Ion: 82 Resp: 83374

Ion Ratio Lower Upper

82 100

128 48.3 31.8 47.8#

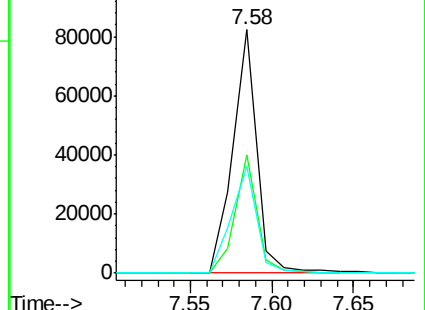
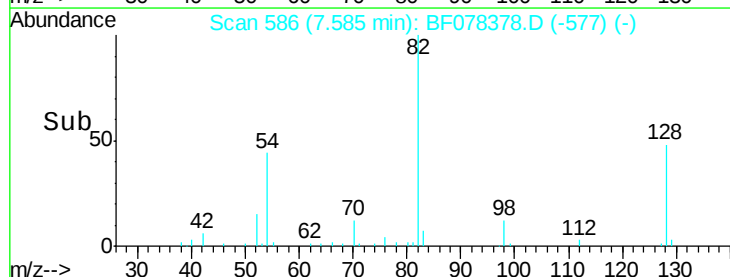
54 43.7 41.5 62.3

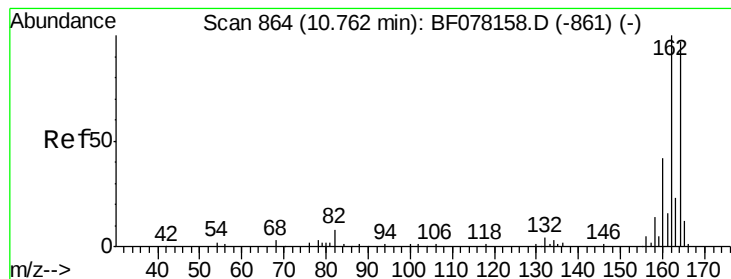


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF078378.D

Acq: 10 Apr 2015 2:34

Instrument :

BNA_F

ClientSampleId :

SB09(1)

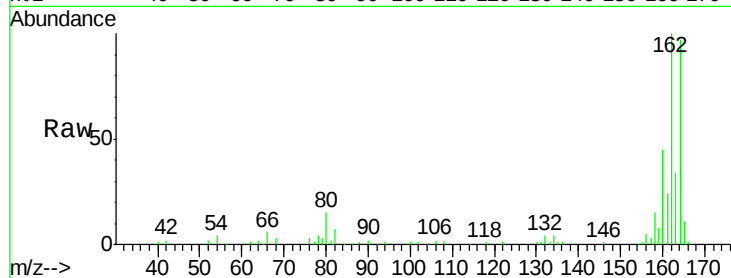
Tgt Ion:164 Resp: 101085

Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.2

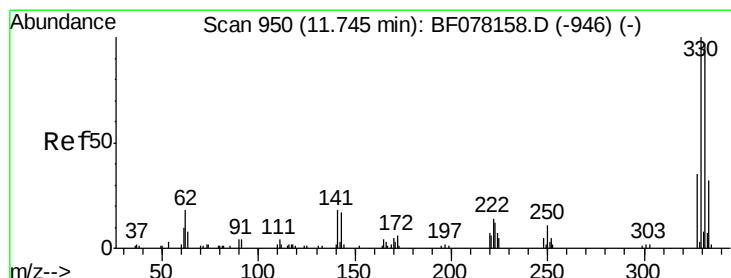
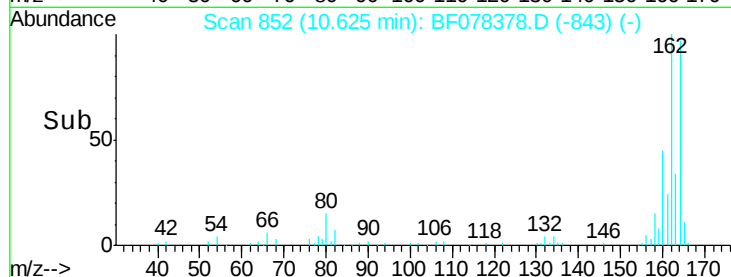
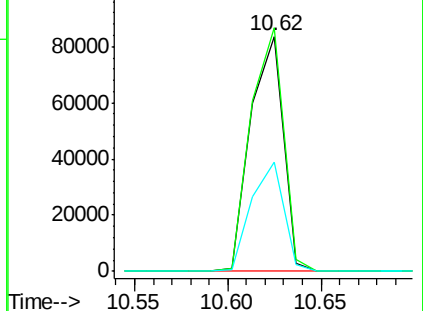
160 46.2 34.7 52.1



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: 34.62 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF078378.D

Acq: 10 Apr 2015 2:34

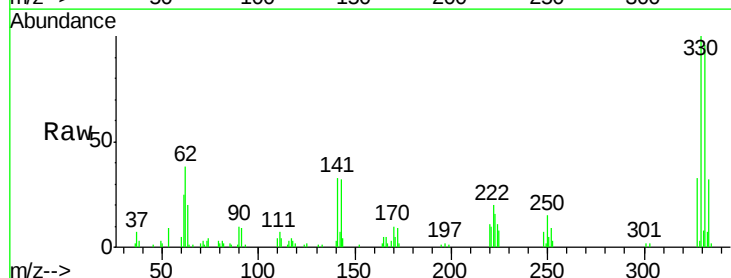
Tgt Ion:330 Resp: 29020

Ion Ratio Lower Upper

330 100

332 94.9 78.6 117.8

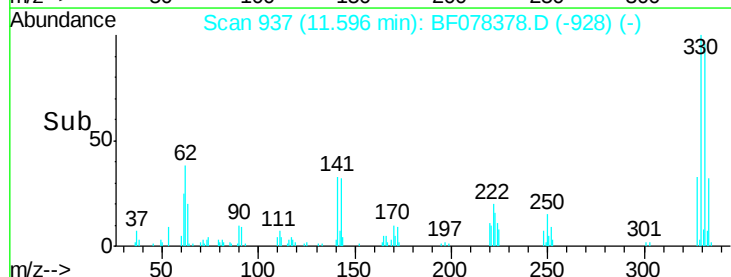
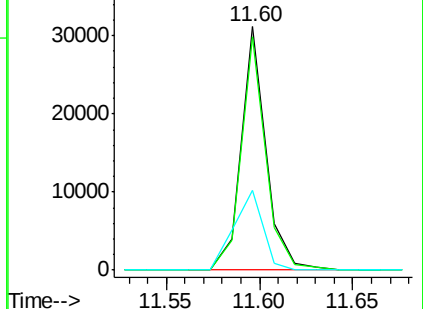
141 38.2 31.2 46.8

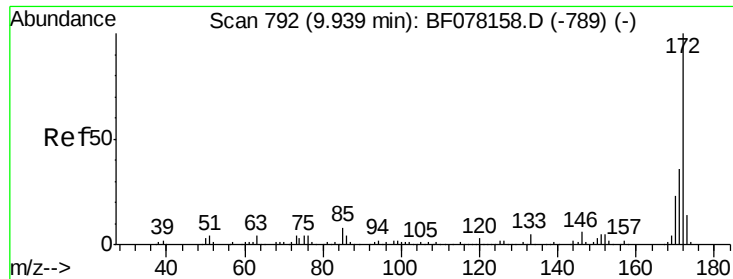


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

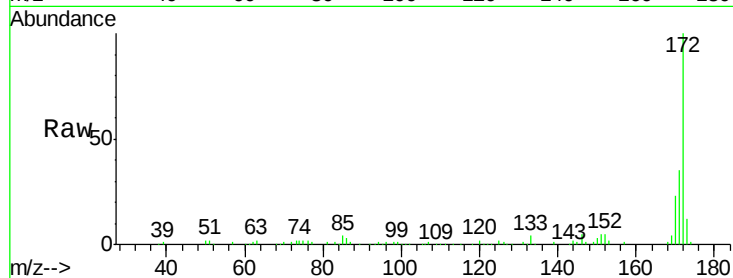




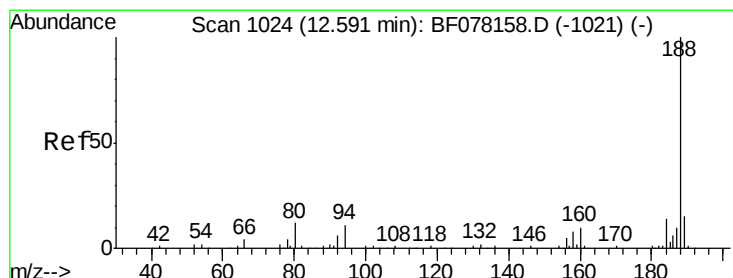
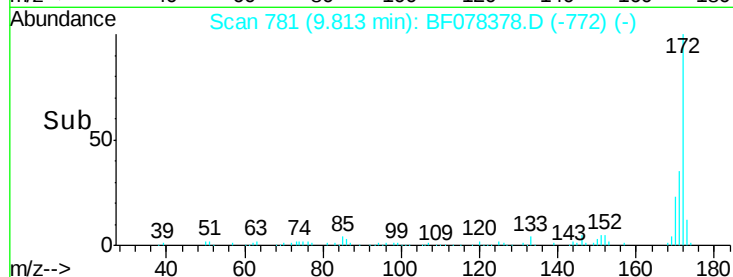
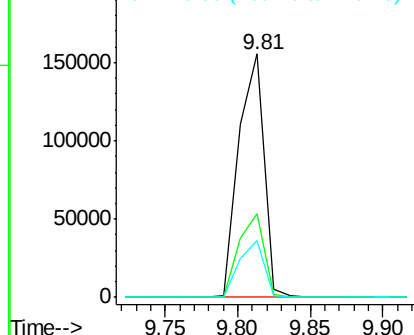
#44
 2-Fluorobiphenyl
 Concen: 26.60 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF078378.D
 Acq: 10 Apr 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 SB09(1)

Tgt Ion:172 Resp: 188094
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 23.1 18.5 27.7

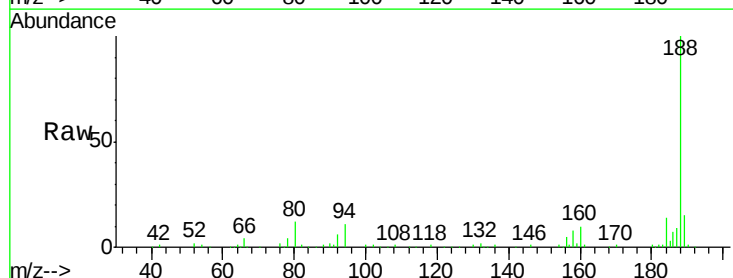


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

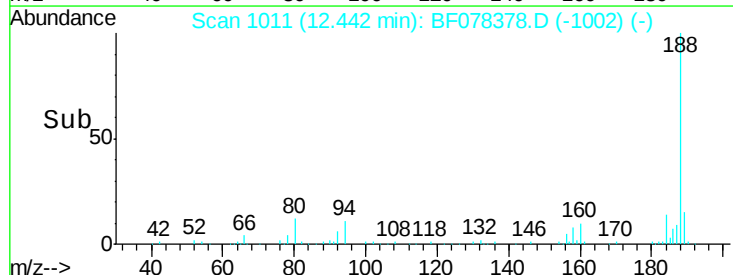
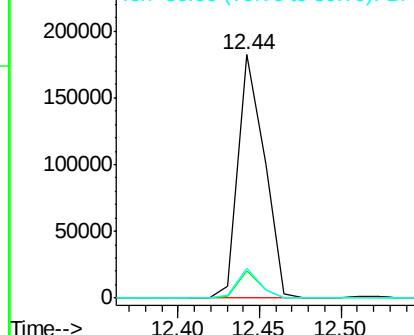


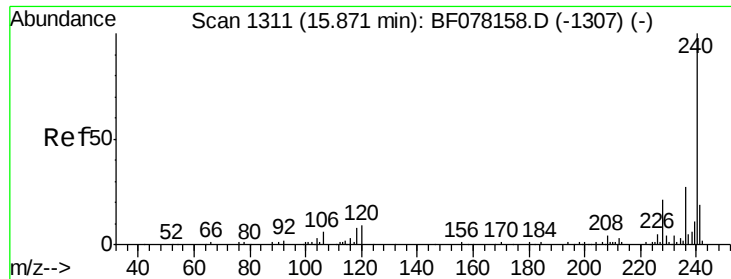
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF078378.D
 Acq: 10 Apr 2015 2:34

Tgt Ion:188 Resp: 202190
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.0 13.4
 80 12.2 9.5 14.3



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

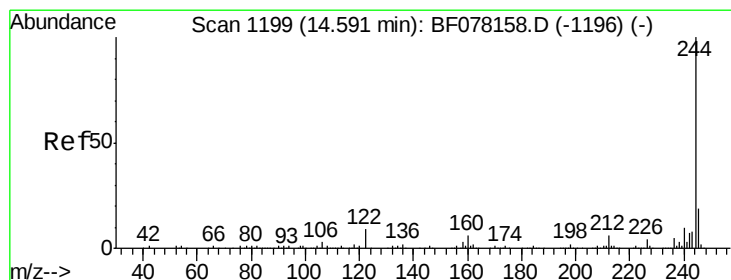
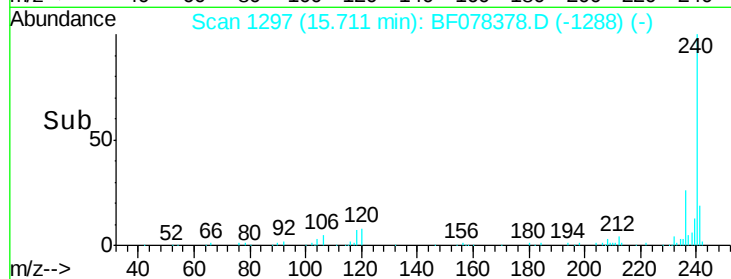
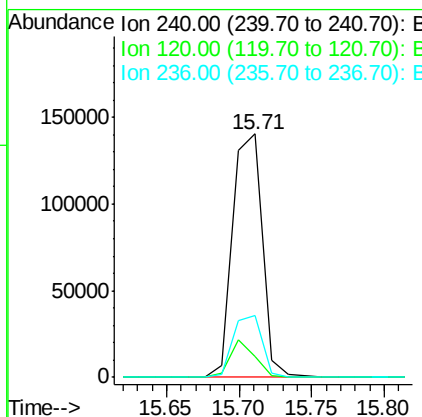
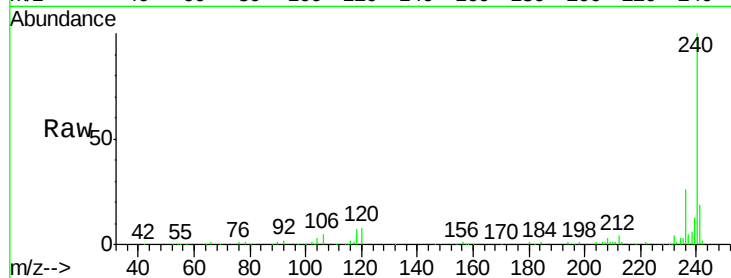




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF078378.D
 Acq: 10 Apr 2015 2:34

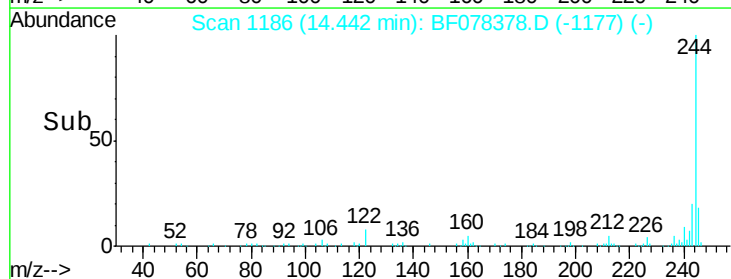
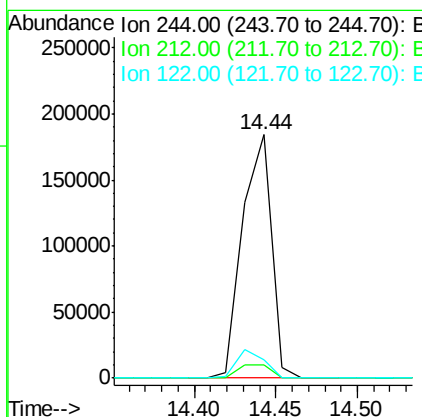
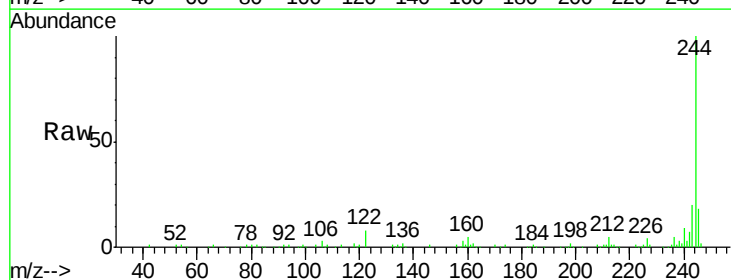
Instrument :
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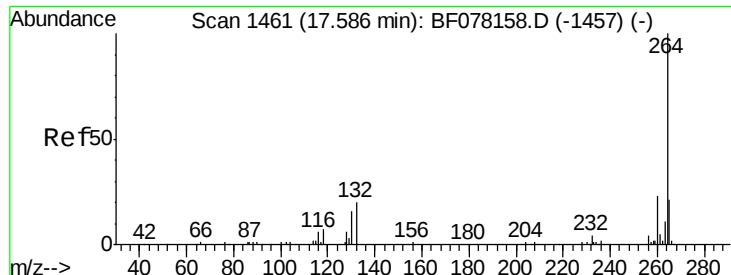
Tgt Ion:240 Resp: 199573
 Ion Ratio Lower Upper
 240 100
 120 8.3 7.1 10.7
 236 25.5 21.4 32.2



#78
 Terphenyl-d14
 Concen: 25.67 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF078378.D
 Acq: 10 Apr 2015 2:34

Tgt Ion:244 Resp: 226752
 Ion Ratio Lower Upper
 244 100
 212 5.5 5.0 7.4
 122 7.8 7.1 10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.37 min Scan# 1442
Delta R.T. -0.05 min
Lab File: BF078378.D
Acq: 10 Apr 2015 2:34

Instrument :
BNA_F
ClientSampleId :
SB09(1)

Tgt Ion: 264 Resp: 197268
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.4 17.0 25.6

