

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078451.D
 Acq On : 11 Apr 2015 21:07
 Operator : TP/IZ
 Sample : G1791-12
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD09B

Quant Time: Apr 13 06:03:28 2015
 Quant Method : Y:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 05:54:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	27662	20.00	ng	0.00
21) Naphthalene-d8	8.44	136	114569	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	58655	20.00	ng	-0.01
63) Phenanthrene-d10	12.42	188	120341	20.00	ng	0.00
75) Chrysene-d12	15.69	240	132435	20.00	ng	0.00
86) Perylene-d12	17.41	264	129996	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	232268	138.44	ng	0.00
7) Phenol-d6	6.46	99	263761	125.45	ng	0.00
23) Nitrobenzene-d5	7.56	82	194561	102.93	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	86536	177.89	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	435130	106.04	ng	-0.01
78) Terphenyl-d14	14.42	244	562330	95.95	ng	0.00

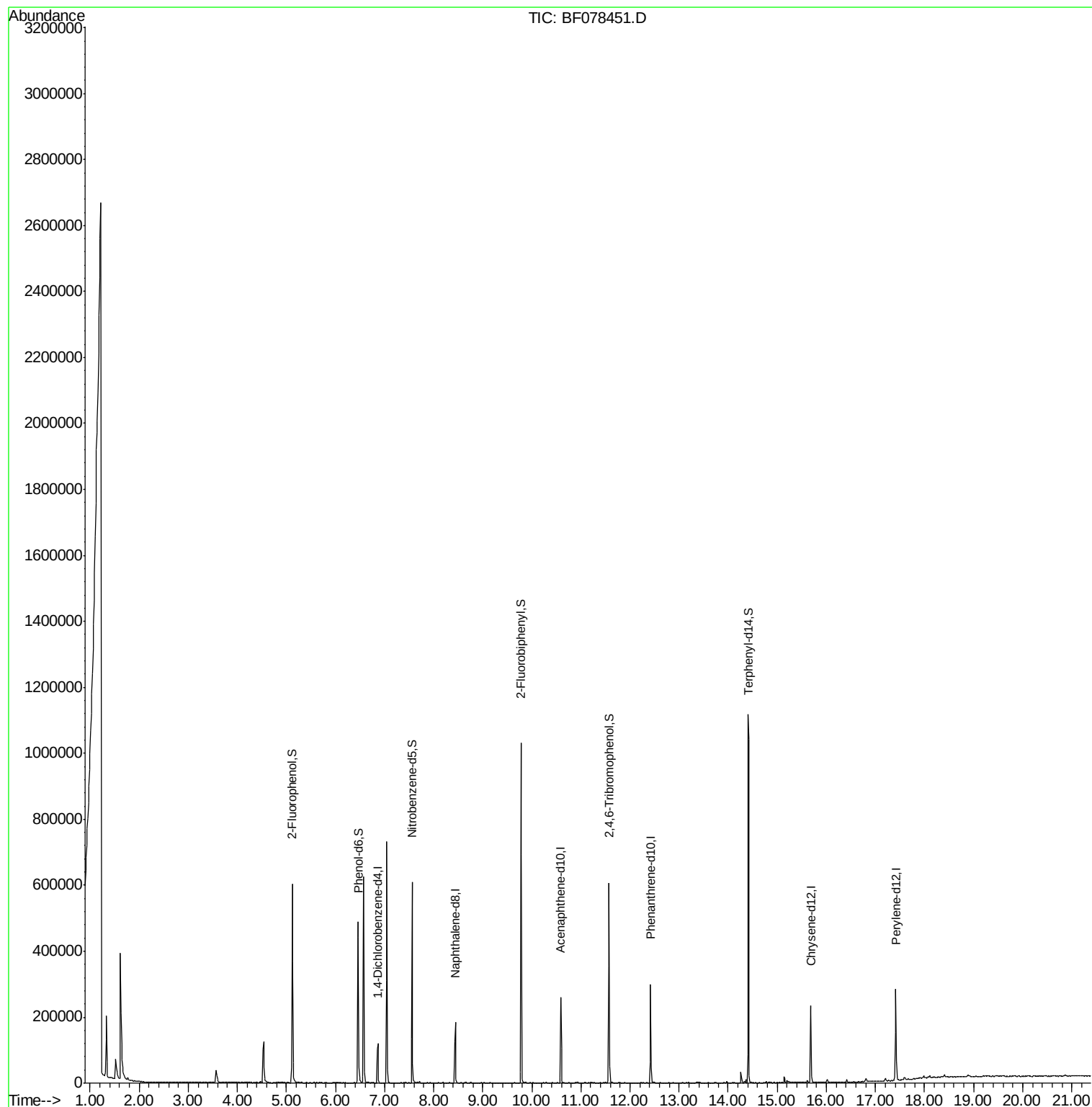
Target Compounds	Qvalue
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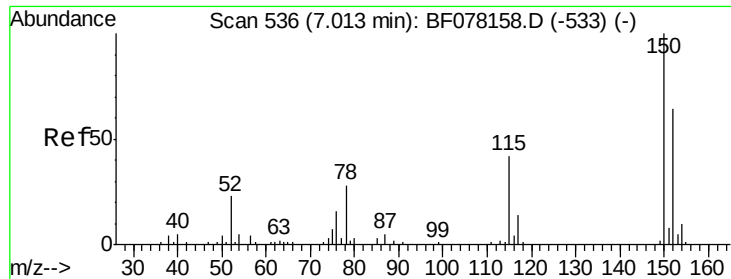
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF078451.D

Acq: 11 Apr 2015 21:07

Instrument :

BNA_F

ClientSampleId :

LS-SD09B

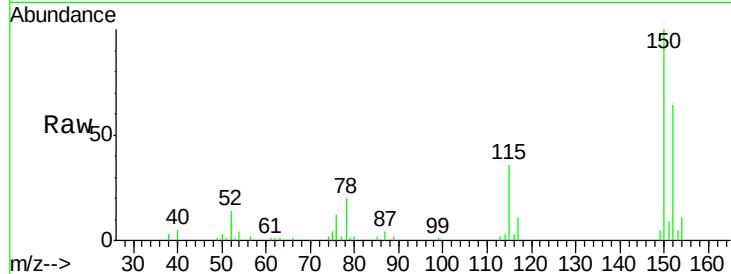
Tgt Ion:152 Resp: 27662

Ion Ratio Lower Upper

152 100

150 157.3 125.9 188.9

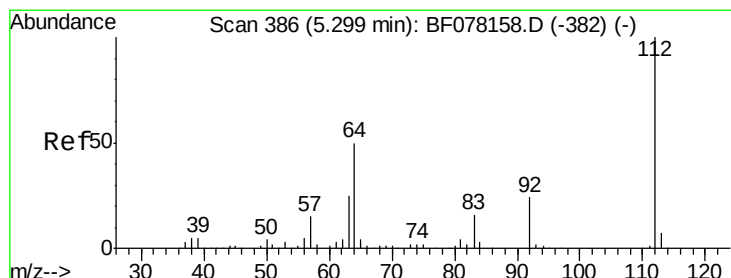
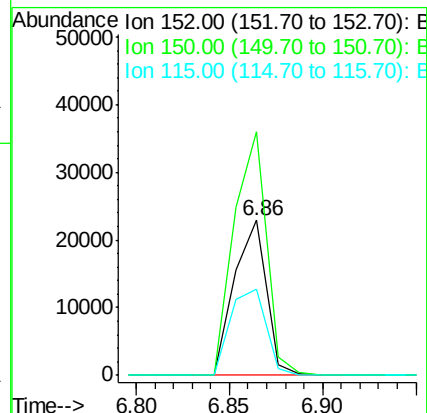
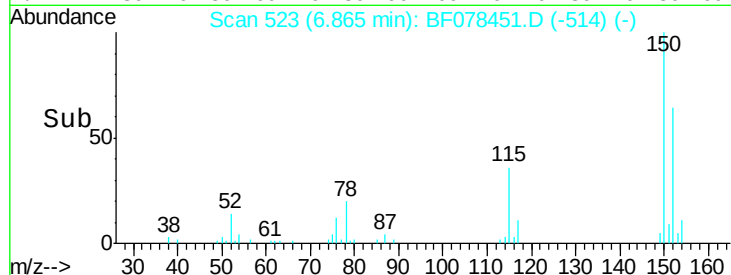
115 56.1 52.7 79.1



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



#5

2-Fluorophenol

Concen: 138.44 ng

RT: 5.12 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078451.D

Acq: 11 Apr 2015 21:07

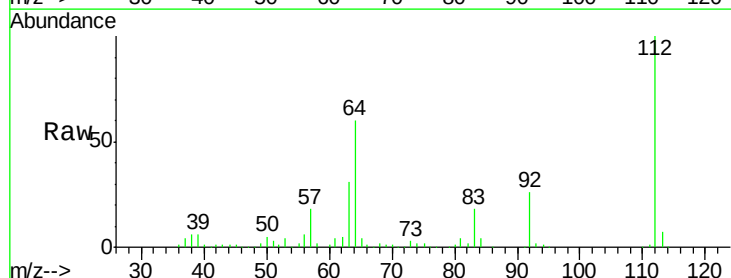
Tgt Ion:112 Resp: 232268

Ion Ratio Lower Upper

112 100

64 60.4 39.9 59.9#

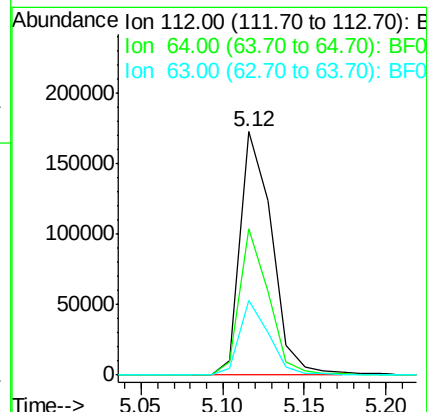
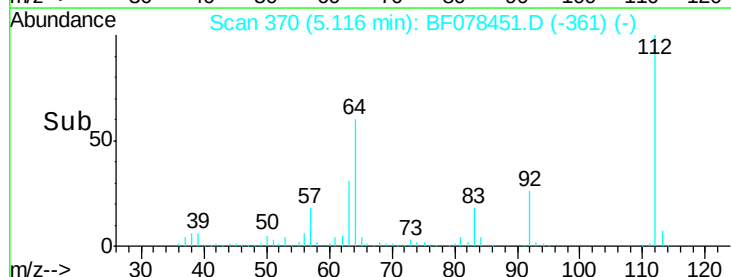
63 30.6 20.2 30.4#

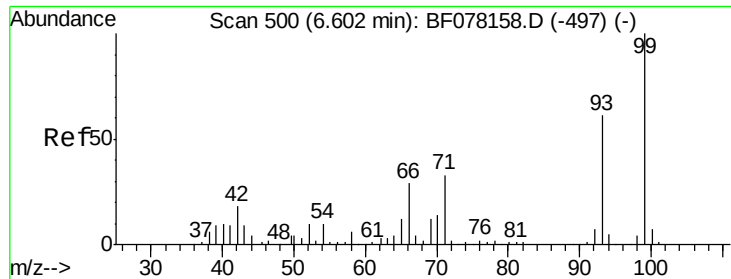


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.45 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078451.D

Acq: 11 Apr 2015 21:07

Instrument :

BNA_F

ClientSampleId :

LS-SD09B

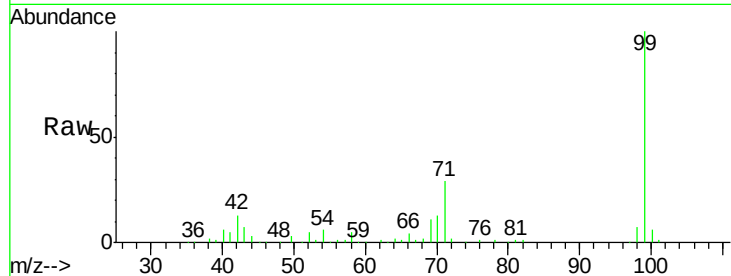
Tgt Ion: 99 Resp: 263761

Ion Ratio Lower Upper

99 100

42 13.1 14.8 22.2#

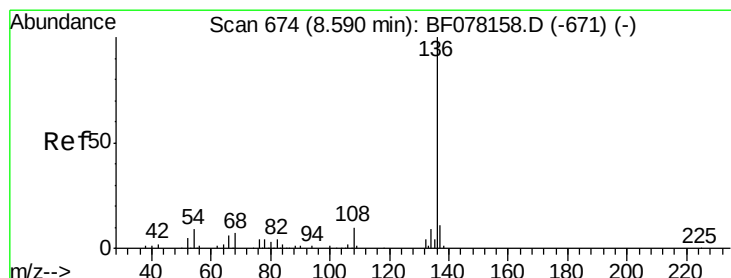
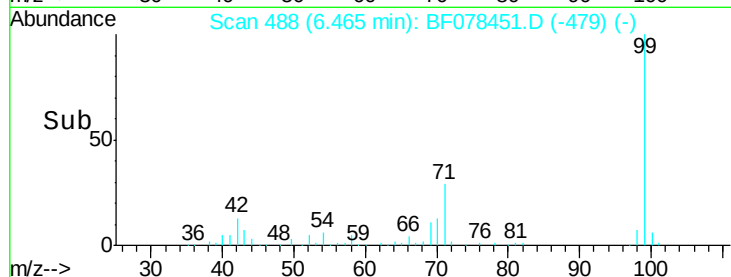
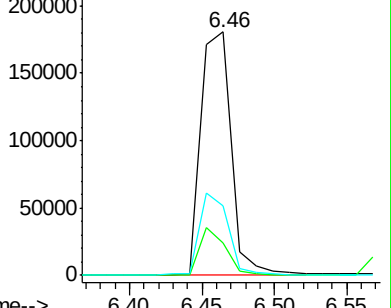
71 28.7 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF078158.D (-497) (-)

Ion 42.00 (41.70 to 42.70): BF078158.D (-497) (-)

Ion 71.00 (70.70 to 71.70): BF078158.D (-497) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF078451.D

Acq: 11 Apr 2015 21:07

Tgt Ion: 136 Resp: 114569

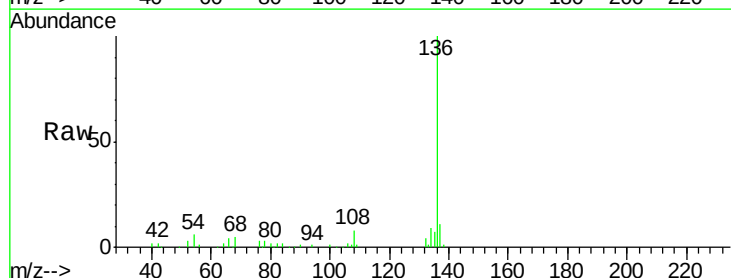
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.6 7.0 10.6#

68 4.6 5.4 8.2#

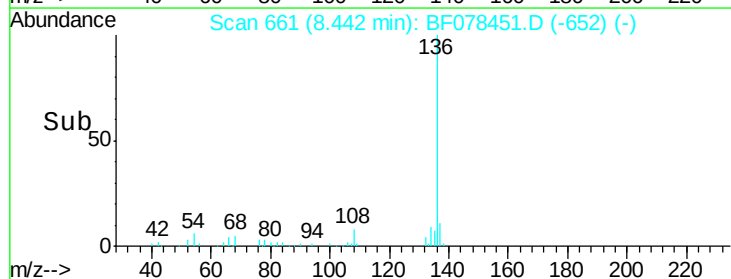
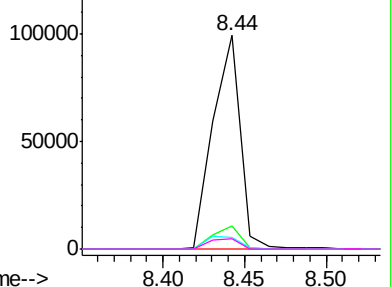


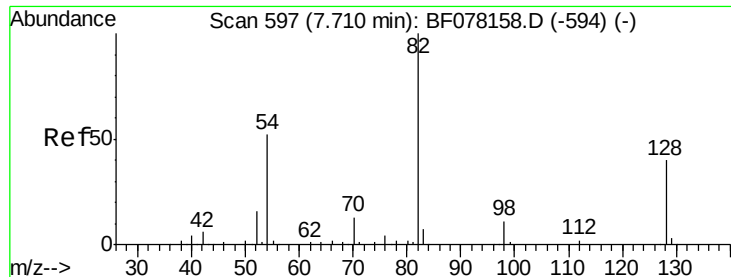
Abundance Ion 136.00 (135.70 to 136.70): BF078158.D (-671) (-)

Ion 137.00 (136.70 to 137.70): BF078158.D (-671) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-671) (-)

Ion 68.00 (67.70 to 68.70): BF078158.D (-671) (-)

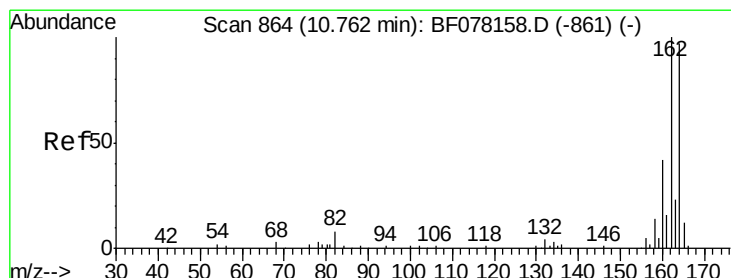
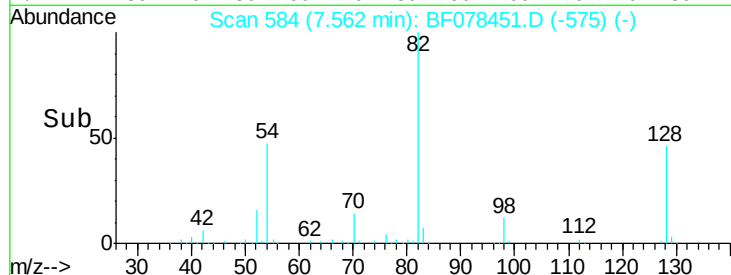
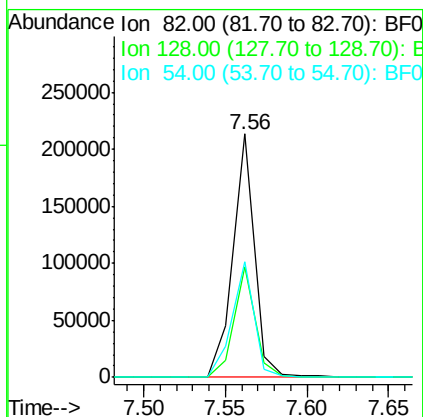
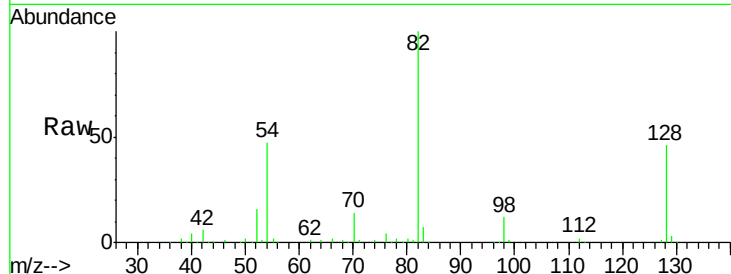




#23
 Nitrobenzene-d5
 Concen: 102.93 ng
 RT: 7.56 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF078451.D
 Acq: 11 Apr 2015 21:07

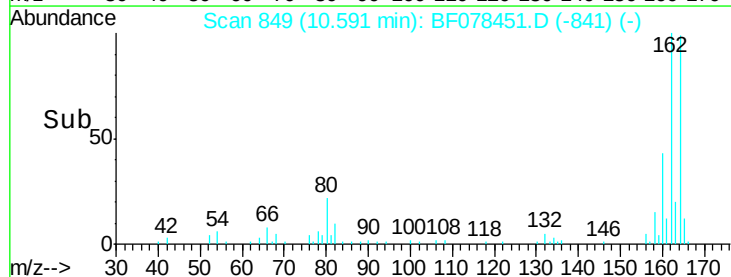
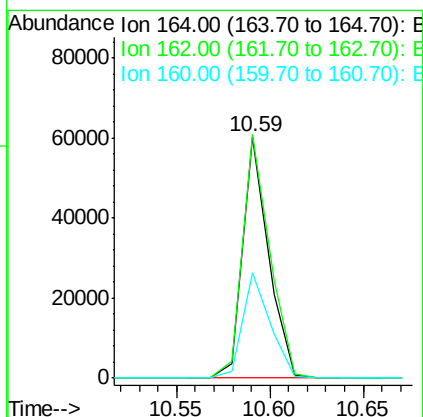
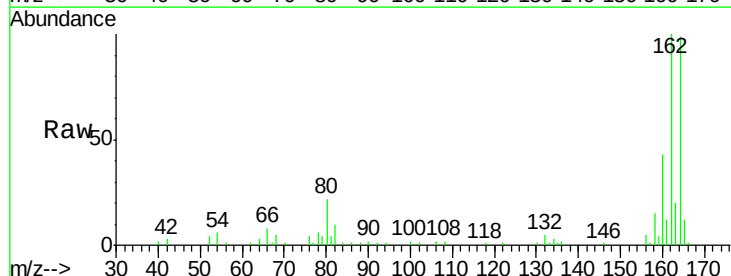
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD09B

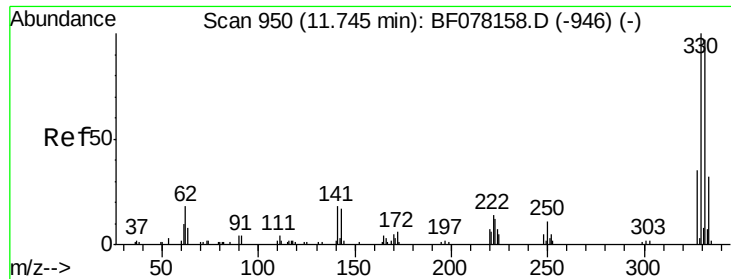
Tgt Ion: 82 Resp: 194561
 Ion Ratio Lower Upper
 82 100
 128 45.5 31.8 47.8
 54 47.4 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF078451.D
 Acq: 11 Apr 2015 21:07

Tgt Ion: 164 Resp: 58655
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.2 123.2
 160 43.6 34.7 52.1

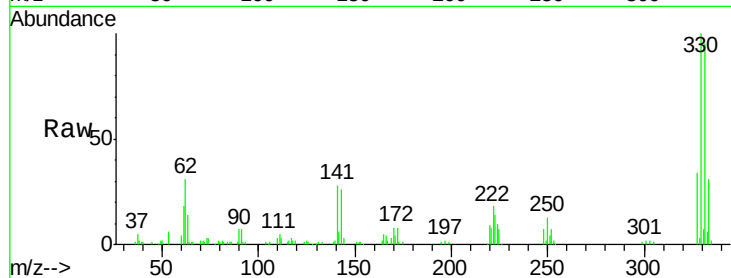




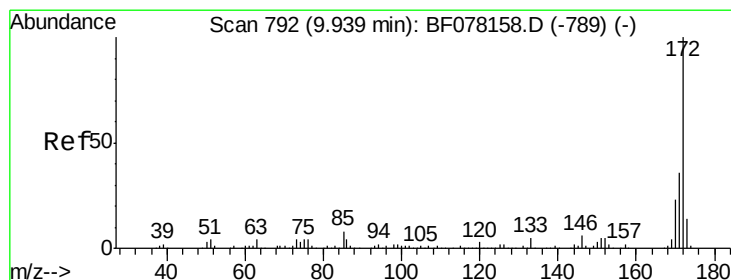
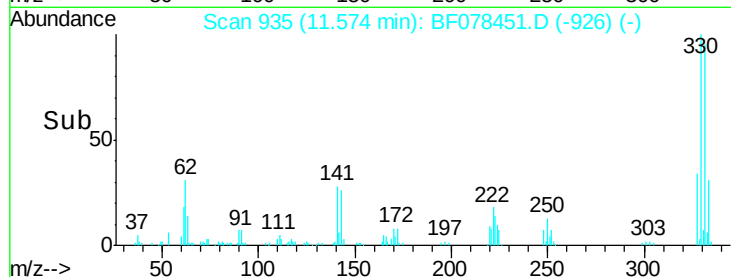
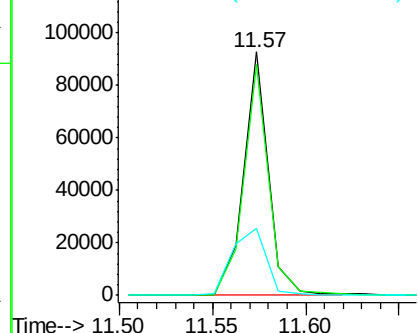
#41
 2,4,6-Tribromophenol
 Concen: 177.89 ng
 RT: 11.57 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF078451.D
 Acq: 11 Apr 2015 21:07

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD09B

Tgt Ion:330 Resp: 86536
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.6 117.8
 141 38.4 31.2 46.8

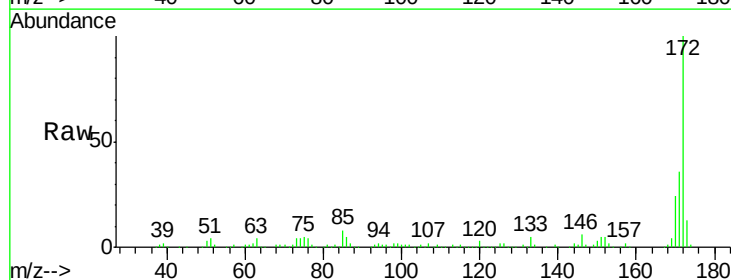


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

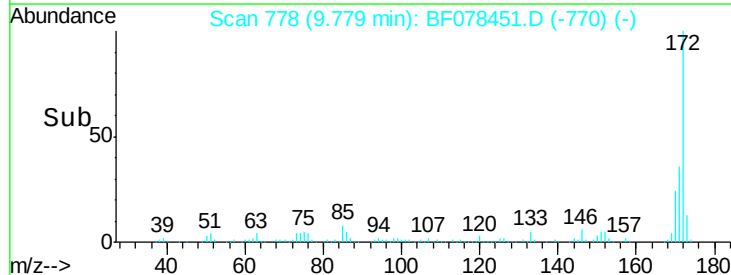
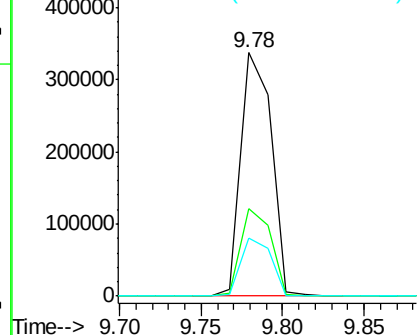


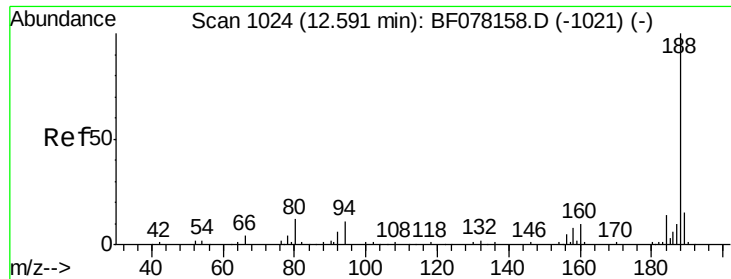
#44
 2-Fluorobiphenyl
 Concen: 106.04 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF078451.D
 Acq: 11 Apr 2015 21:07

Tgt Ion:172 Resp: 435130
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.6 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

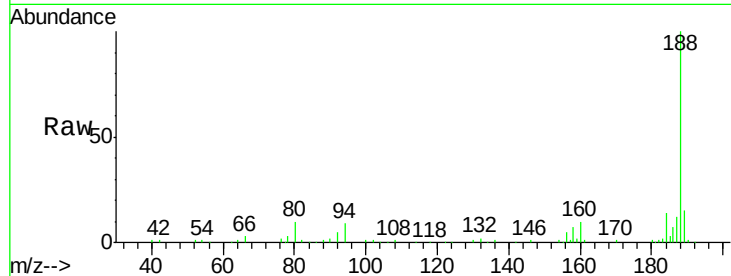




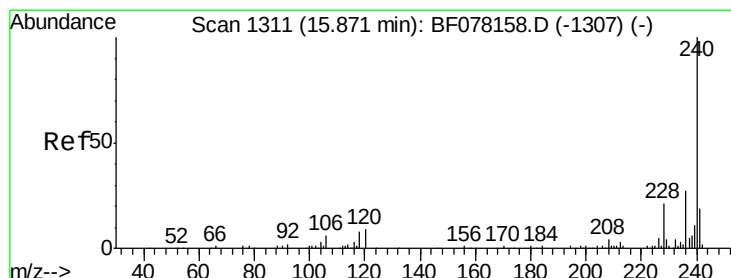
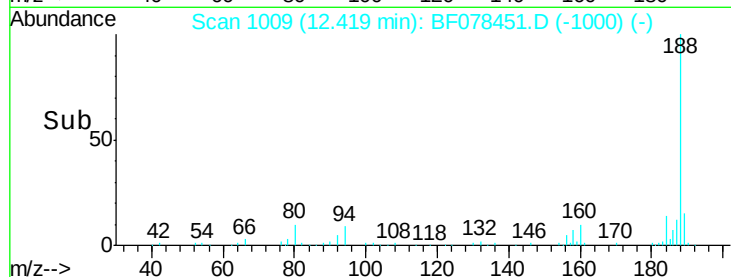
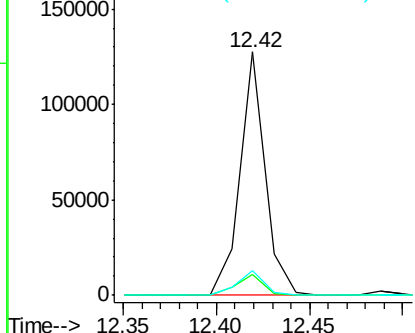
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF078451.D
Acq: 11 Apr 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LS-SD09B

Tgt Ion:188 Resp: 120341
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 10.1 9.5 14.3

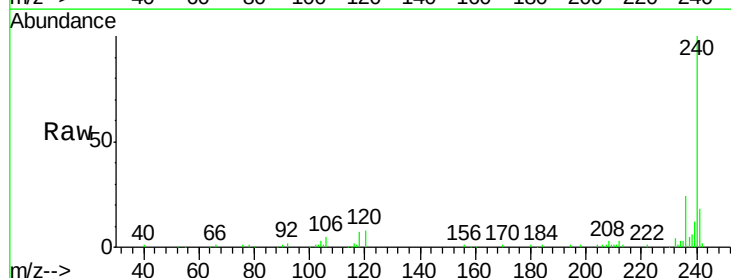


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

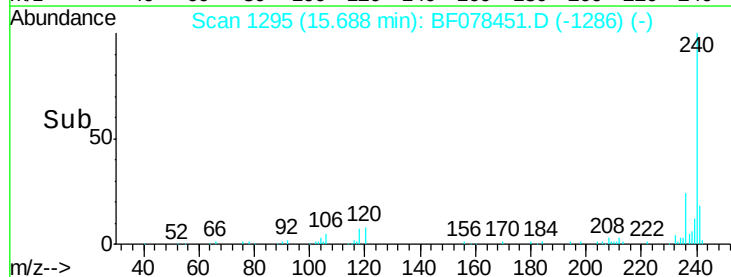
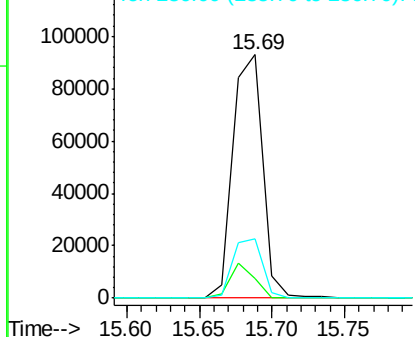


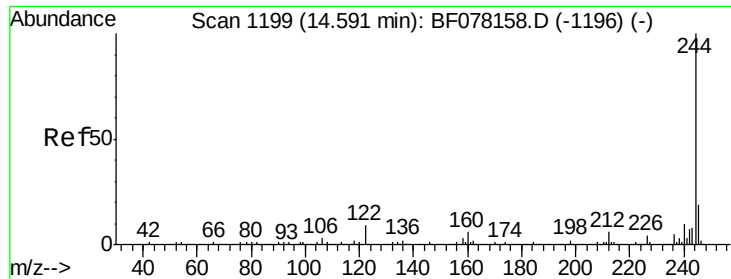
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF078451.D
Acq: 11 Apr 2015 21:07

Tgt Ion:240 Resp: 132435
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 24.5 21.4 32.2



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

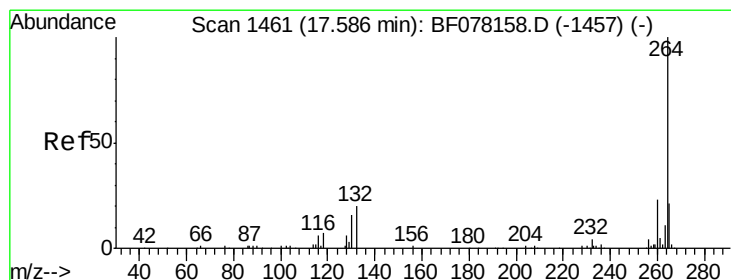
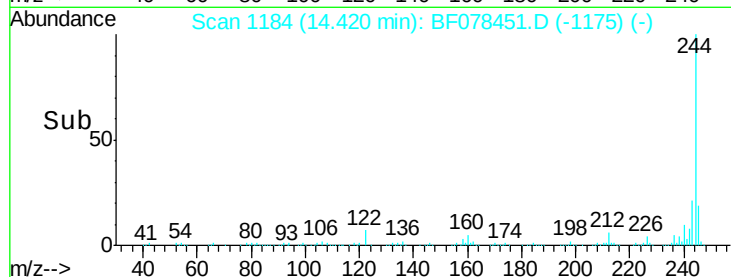
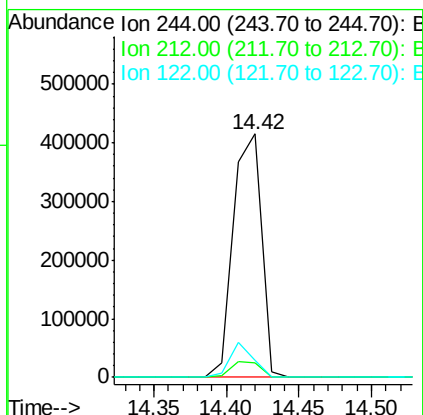
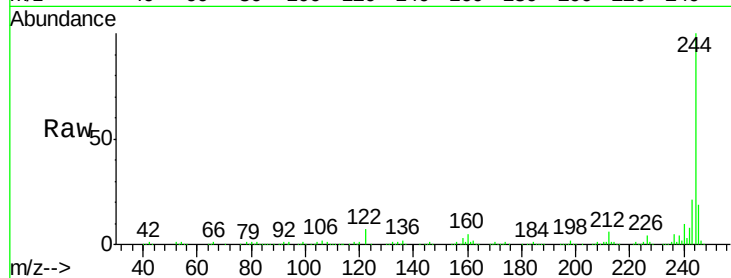




#78
 Terphenyl-d14
 Concen: 95.95 ng
 RT: 14.42 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF078451.D
 Acq: 11 Apr 2015 21:07

Instrument :
 BNA_F
 ClientSampled :
 LS-SD09B

Tgt Ion:244 Resp: 562330
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.0 7.4
 122 7.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.41 min Scan# 1446
 Delta R.T. 0.06 min
 Lab File: BF078451.D
 Acq: 11 Apr 2015 21:07

Tgt Ion:264 Resp: 129996
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.5 17.0 25.6

