

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078452.D
 Acq On : 11 Apr 2015 21:35
 Operator : TP/IZ
 Sample : G1791-13
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD04B

Quant Time: Apr 13 06:05:21 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

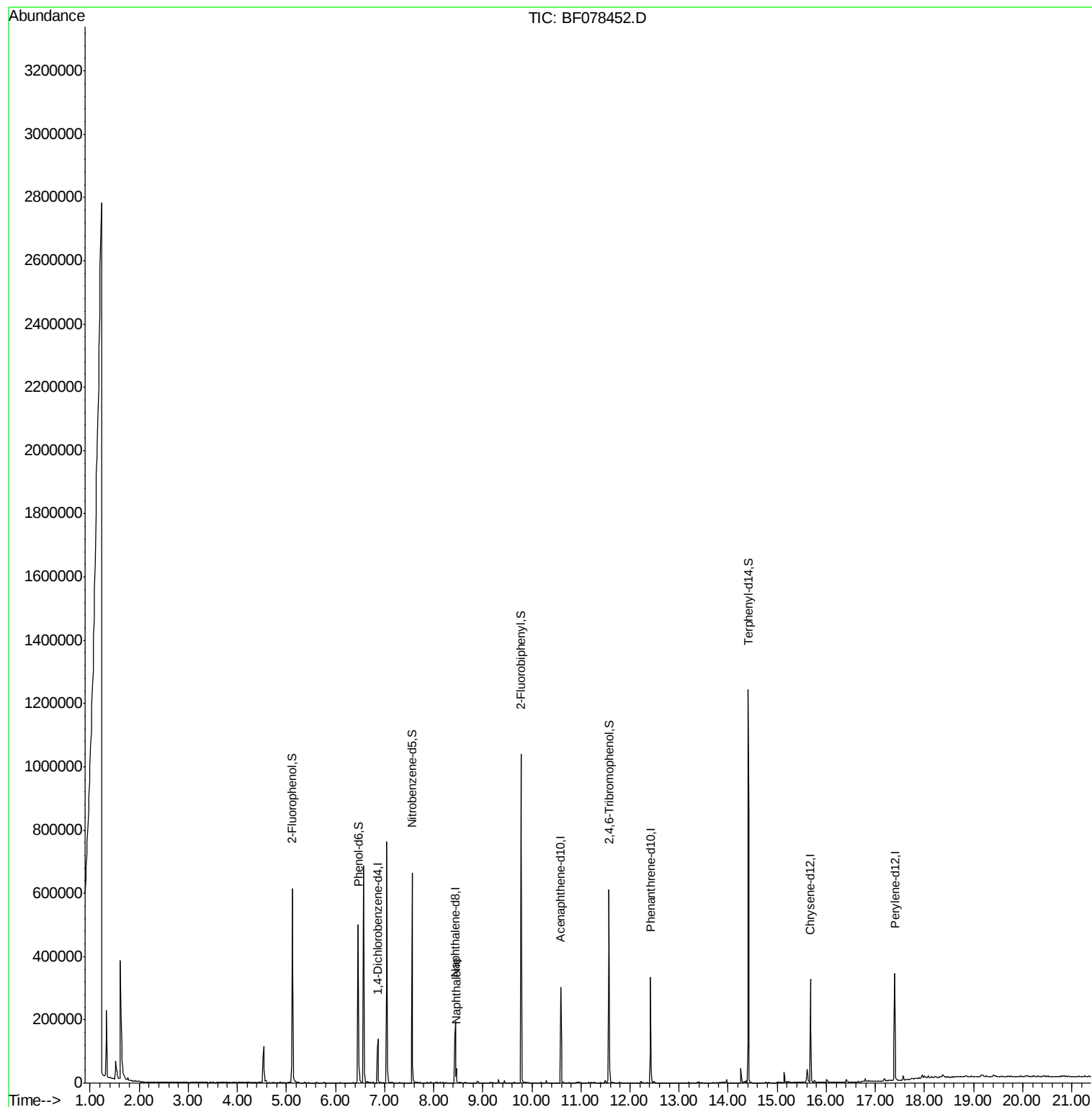
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	30507	20.00	ng	0.00
21) Naphthalene-d8	8.44	136	127328	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	66207	20.00	ng	-0.01
63) Phenanthrene-d10	12.42	188	135536	20.00	ng	0.00
75) Chrysene-d12	15.68	240	146610	20.00	ng	-0.01
86) Perylene-d12	17.39	264	141932	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	246319	133.12	ng	0.00
7) Phenol-d6	6.46	99	280221	120.85	ng	0.00
23) Nitrobenzene-d5	7.56	82	211489	100.68	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	93385	170.07	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	452057	97.60	ng	-0.01
78) Terphenyl-d14	14.41	244	550661	84.87	ng	-0.01
Target Compounds						
31) Naphthalene	8.46	128	22673	3.42	ng	Qvalue 98

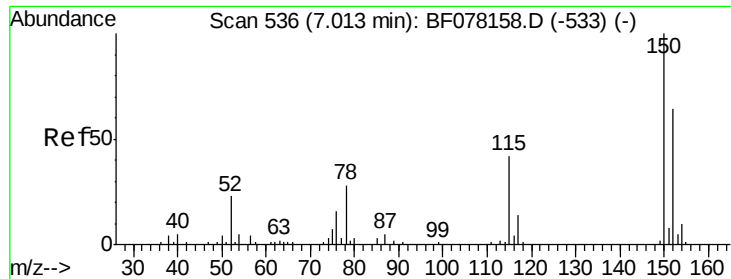
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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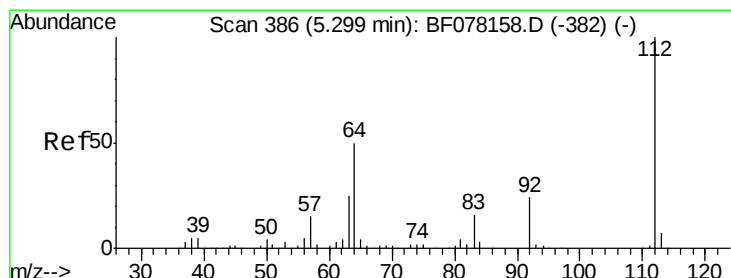
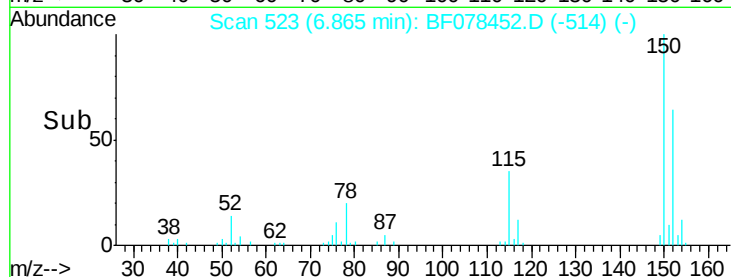
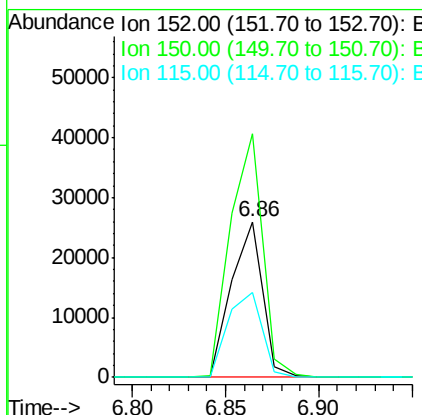
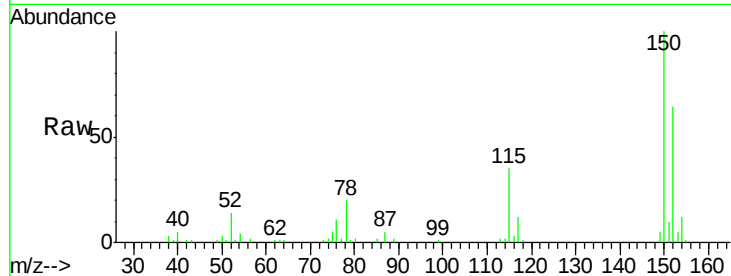




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF078452.D
 Acq: 11 Apr 2015 21:35

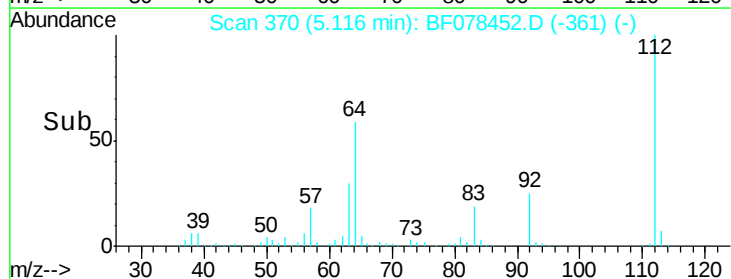
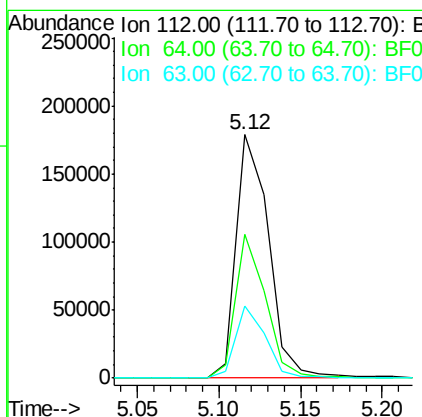
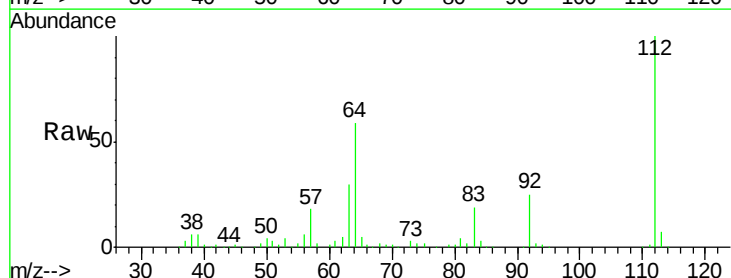
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD04B

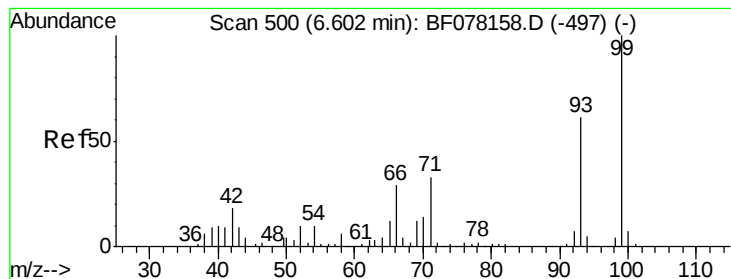
Tgt Ion:152 Resp: 30507
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.9 188.9
 115 54.7 52.7 79.1



#5
 2-Fluorophenol
 Concen: 133.12 ng
 RT: 5.12 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF078452.D
 Acq: 11 Apr 2015 21:35

Tgt Ion:112 Resp: 246319
 Ion Ratio Lower Upper
 112 100
 64 59.2 39.9 59.9
 63 29.7 20.2 30.4





#7

Phenol-d6

Concen: 120.85 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078452.D

Acq: 11 Apr 2015 21:35

Instrument :

BNA_F

ClientSampleId :

LS-SD04B

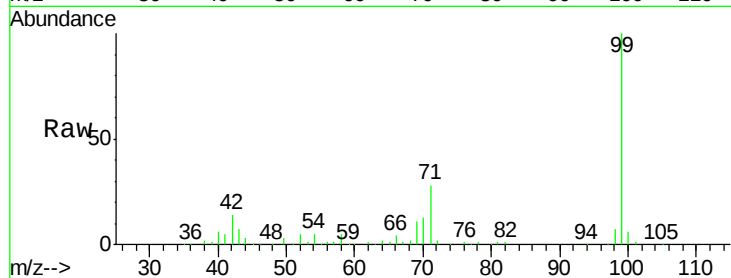
Tgt Ion: 99 Resp: 280221

Ion Ratio Lower Upper

99 100

42 13.6 14.8 22.2#

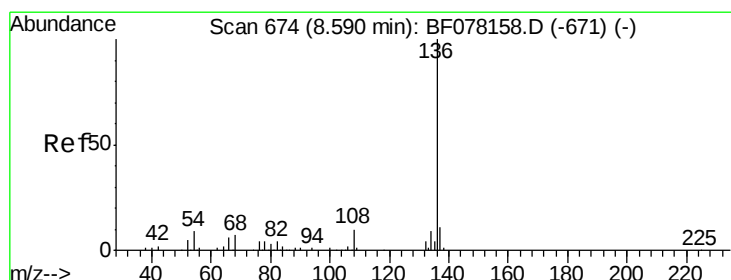
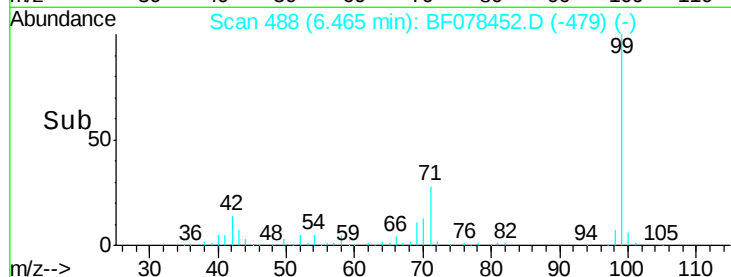
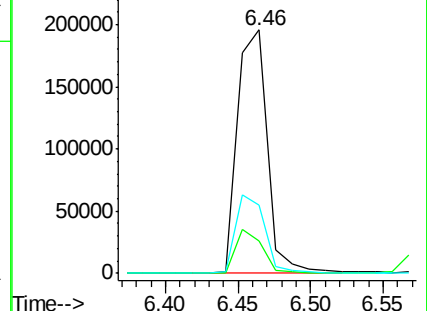
71 28.0 26.6 39.8



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: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF078452.D

Acq: 11 Apr 2015 21:35

Tgt Ion: 136 Resp: 127328

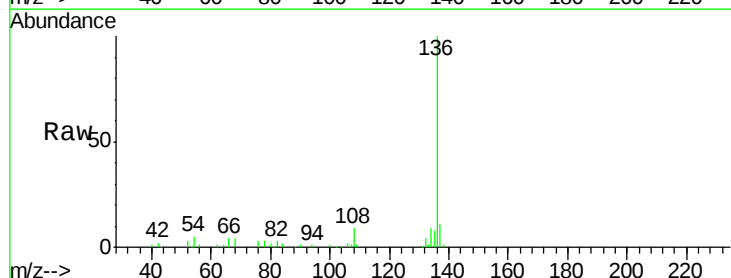
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.3 7.0 10.6#

68 4.3 5.4 8.2#

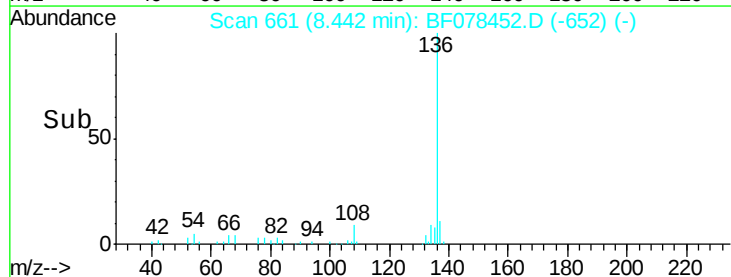
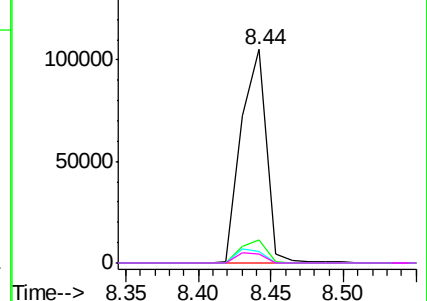


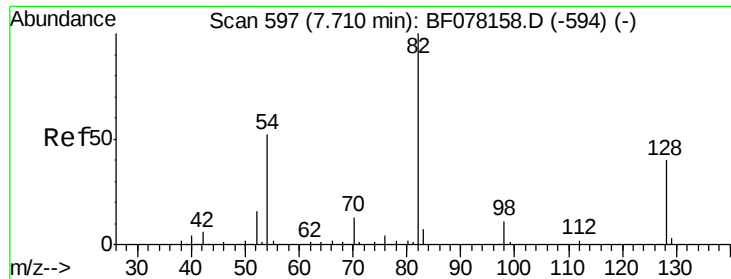
Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.68 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078452.D

Acq: 11 Apr 2015 21:35

Instrument :

BNA_F

ClientSampleId :

LS-SD04B

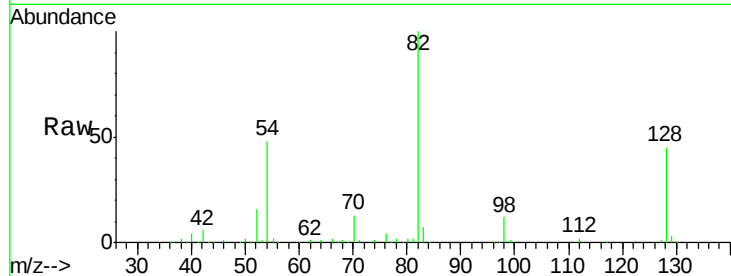
Tgt Ion: 82 Resp: 211489

Ion Ratio Lower Upper

82 100

128 44.8 31.8 47.8

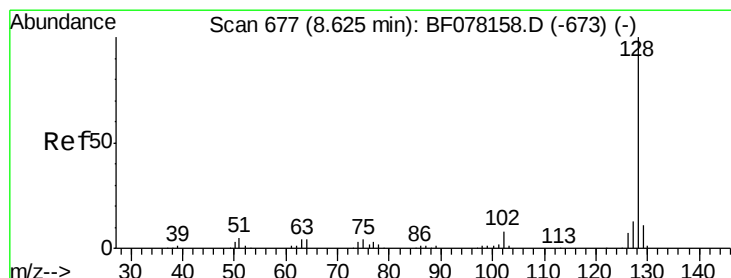
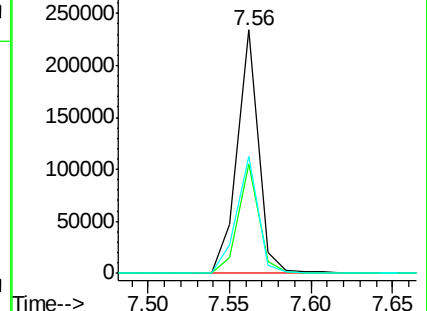
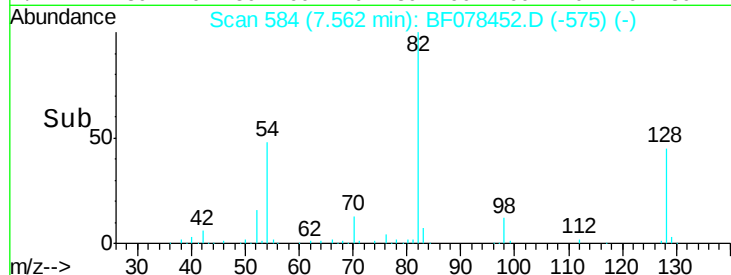
54 48.1 41.5 62.3



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



#31

Naphthalene

Concen: 3.42 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078452.D

Acq: 11 Apr 2015 21:35

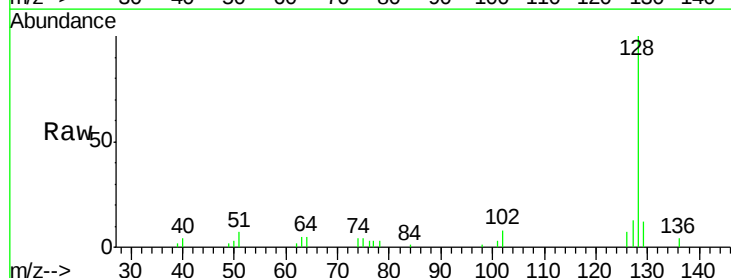
Tgt Ion: 128 Resp: 22673

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

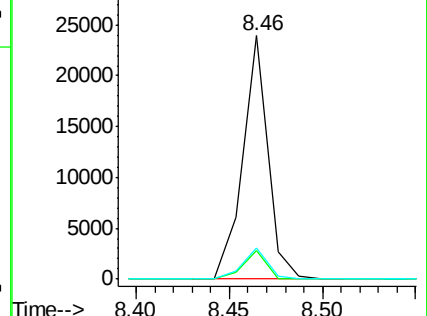
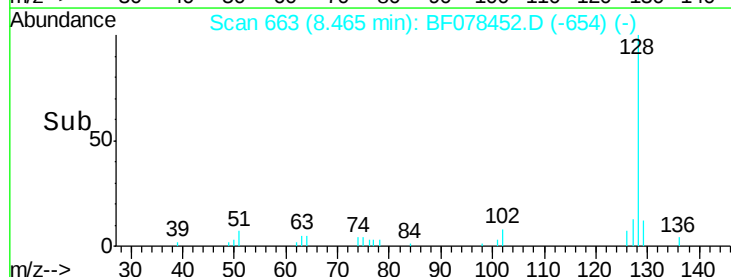
127 13.0 10.7 16.1

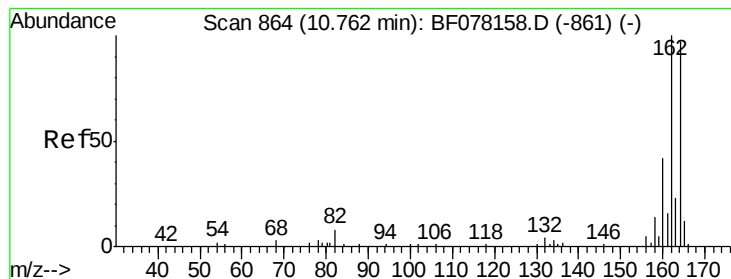


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF078452.D

Acq: 11 Apr 2015 21:35

Instrument :

BNA_F

ClientSampleId :

LS-SD04B

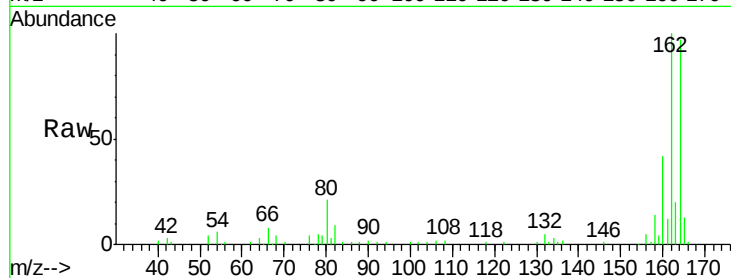
Tgt Ion:164 Resp: 66207

Ion Ratio Lower Upper

164 100

162 103.6 82.2 123.2

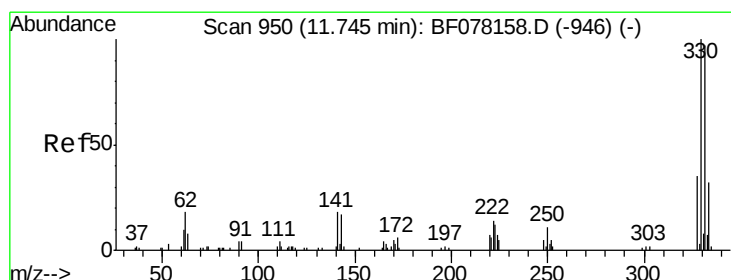
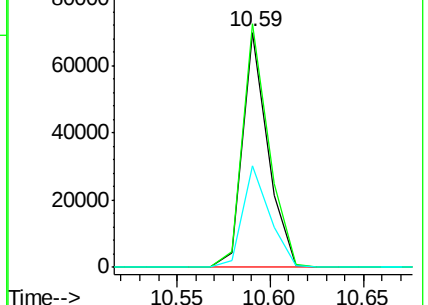
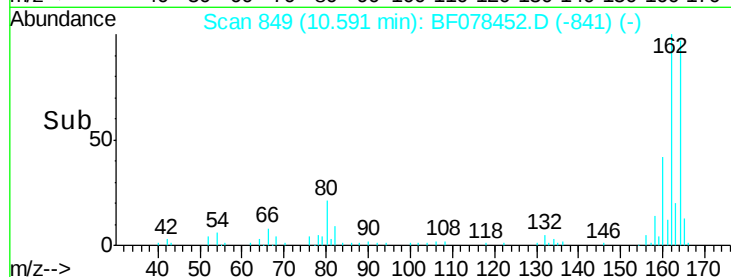
160 43.2 34.7 52.1



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: 170.07 ng

RT: 11.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF078452.D

Acq: 11 Apr 2015 21:35

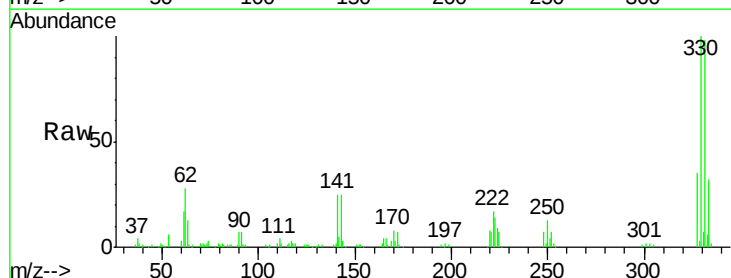
Tgt Ion:330 Resp: 93385

Ion Ratio Lower Upper

330 100

332 97.4 78.6 117.8

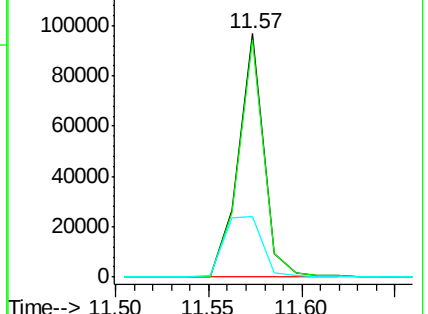
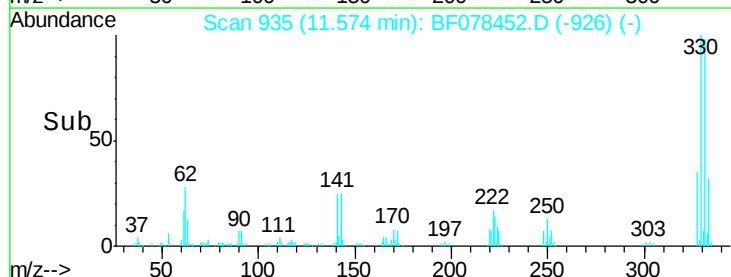
141 36.9 31.2 46.8

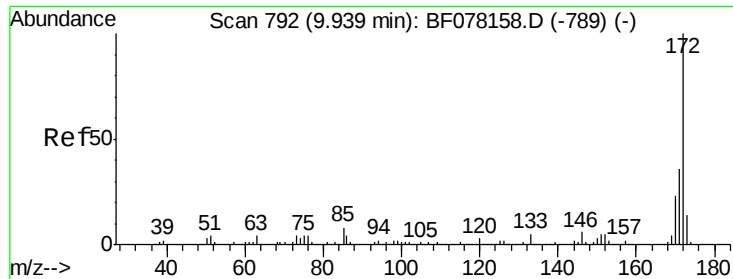


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

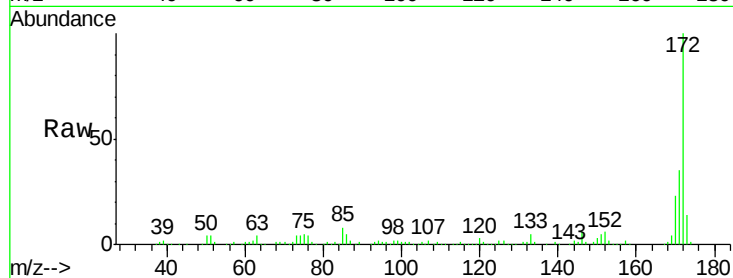




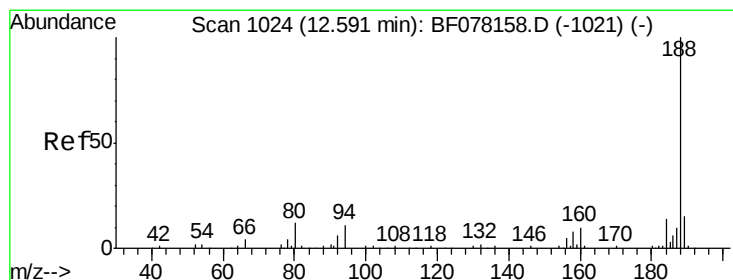
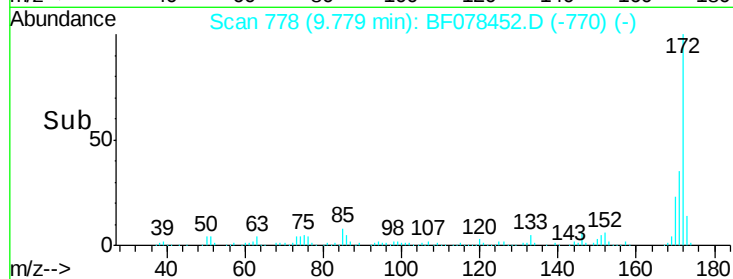
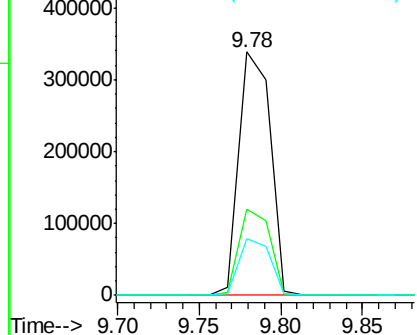
#44
 2-Fluorobiphenyl
 Concen: 97.60 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF078452.D
 Acq: 11 Apr 2015 21:35

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD04B

Tgt Ion:172 Resp: 452057
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.4 18.5 27.7

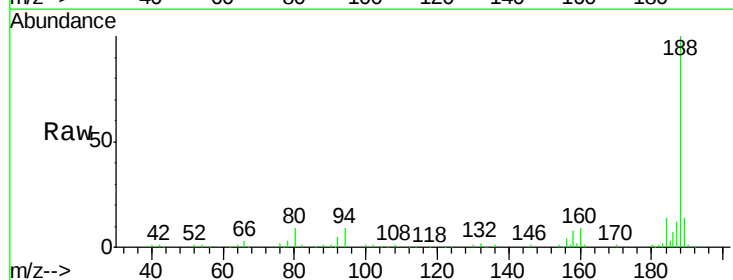


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

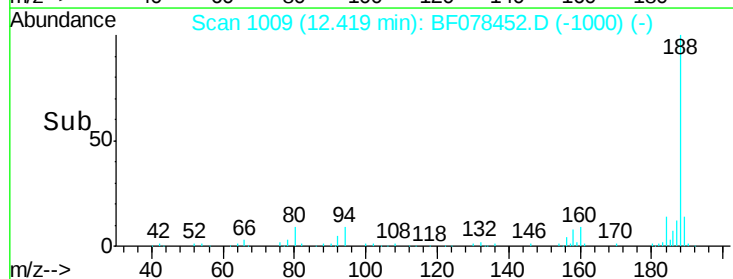
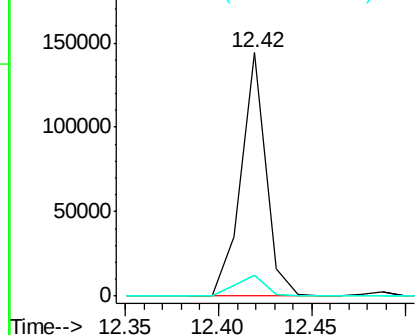


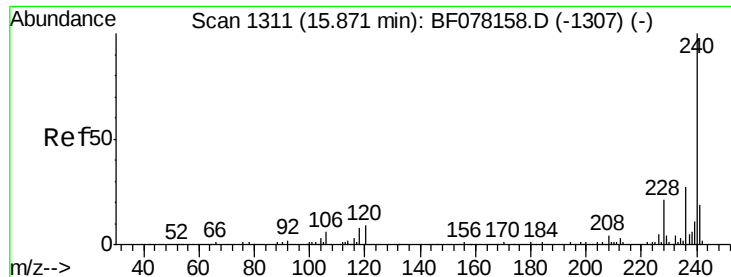
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078452.D
 Acq: 11 Apr 2015 21:35

Tgt Ion:188 Resp: 135536
 Ion Ratio Lower Upper
 188 100
 94 8.6 9.0 13.4#
 80 8.8 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

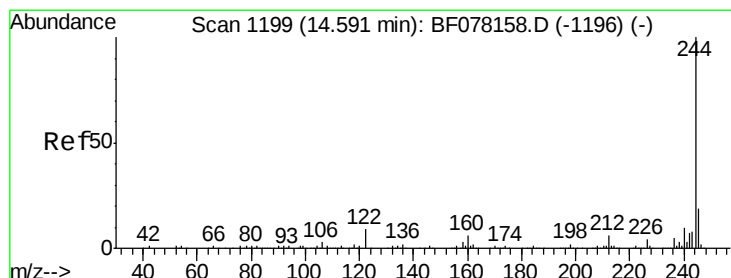
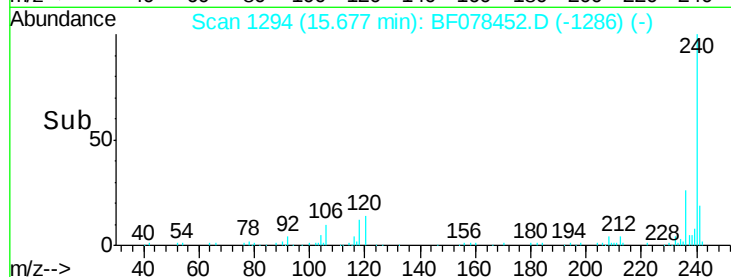
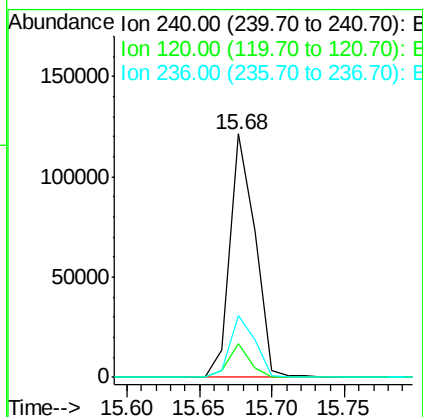
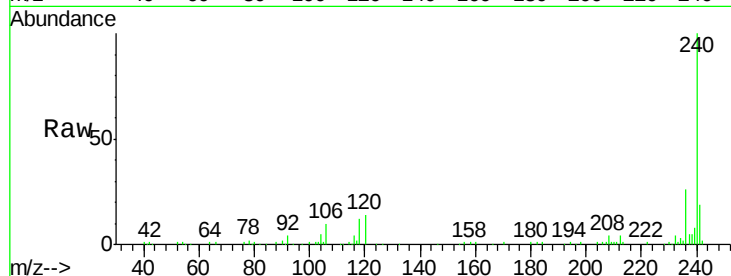




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF078452.D
 Acq: 11 Apr 2015 21:35

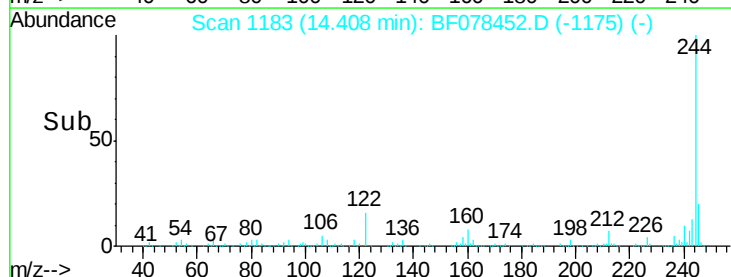
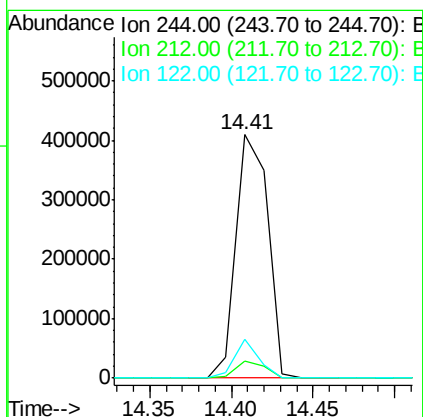
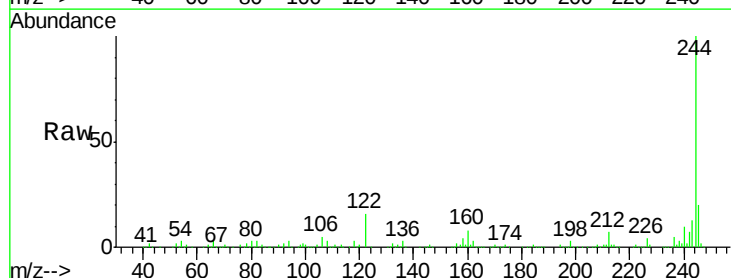
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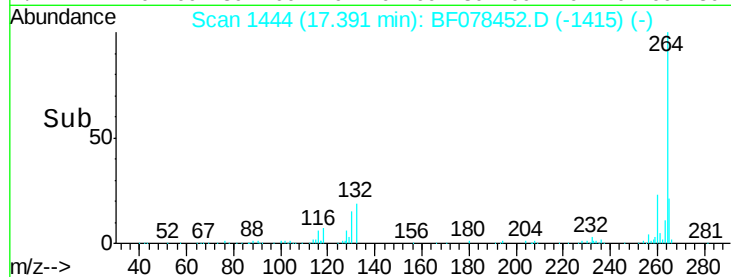
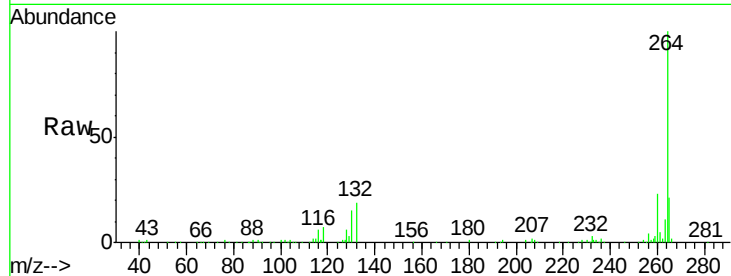
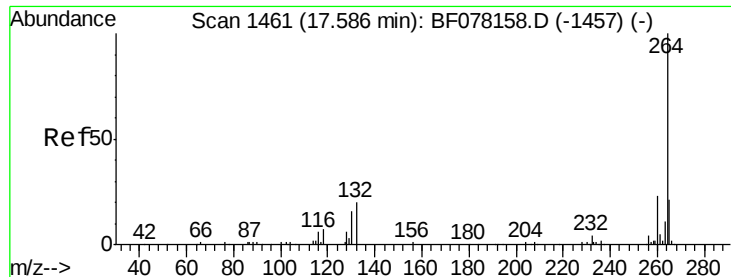
Tgt Ion:240 Resp: 146610
 Ion Ratio Lower Upper
 240 100
 120 13.9 7.1 10.7#
 236 25.5 21.4 32.2



#78
 Terphenyl-d14
 Concen: 84.87 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF078452.D
 Acq: 11 Apr 2015 21:35

Tgt Ion:244 Resp: 550661
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 15.7 7.1 10.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.39 min Scan# 1444
Delta R.T. 0.03 min
Lab File: BF078452.D
Acq: 11 Apr 2015 21:35

Instrument :
BNA_F
ClientSampleId :
LS-SD04B

Tgt Ion: 264 Resp: 141932
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.4 17.0 25.6

