

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078229.D
 Acq On : 3 Apr 2015 6:57
 Operator : TP/IZ
 Sample : G1731-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Apr 03 06:36:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

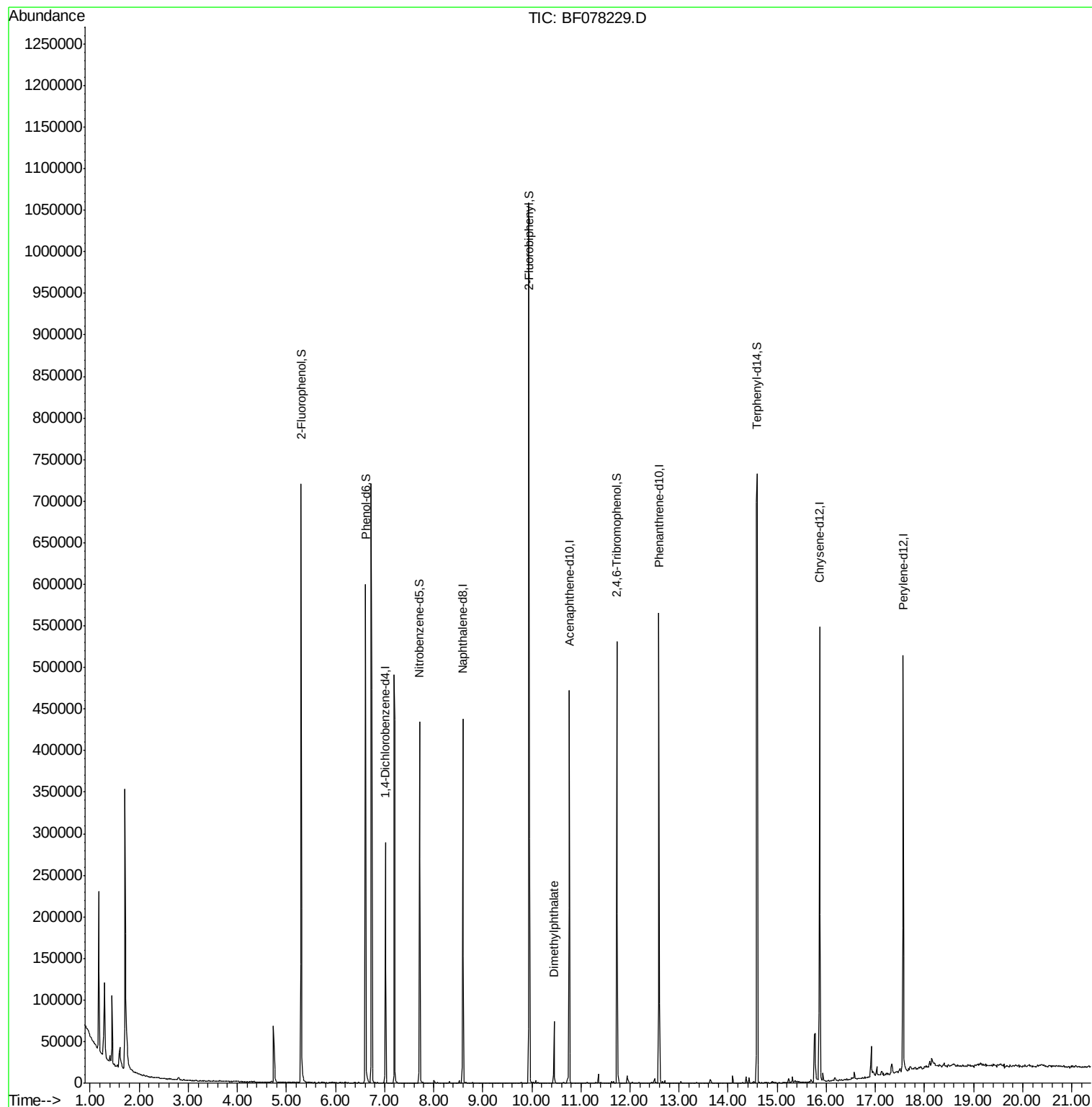
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	53201	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	217395	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	109827	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	214465	20.00	ng	0.00
75) Chrysene-d12	15.86	240	219349	20.00	ng	-0.02
86) Perylene-d12	17.56	264	216340	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	236046	73.15	ng	0.01
7) Phenol-d6	6.61	99	312535	77.29	ng	0.01
23) Nitrobenzene-d5	7.71	82	176360	49.17	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	64875	71.22	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	346859	45.14	ng	0.00
78) Terphenyl-d14	14.59	244	370841	38.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.45	163	33058	4.01	ng	Qvalue 98

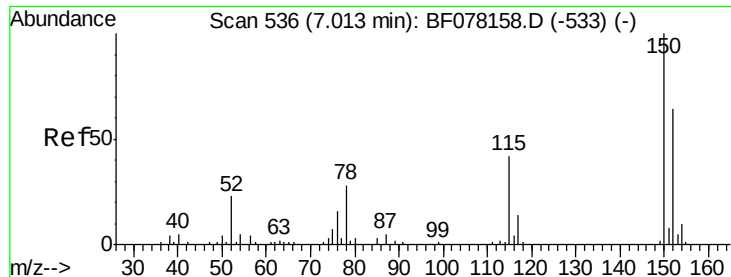
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 03 00:57:15 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078229.D

Acq: 3 Apr 2015 6:57

Instrument :

BNA_F

ClientSampleId :

COMP-2

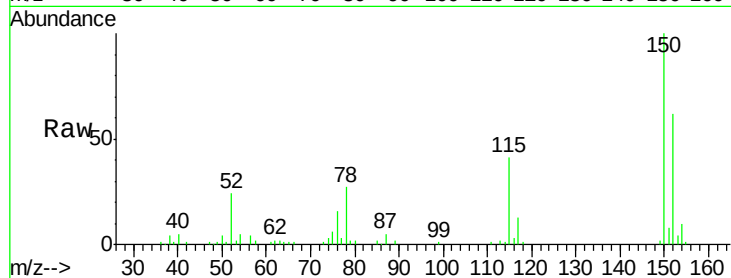
Tgt Ion:152 Resp: 53201

Ion Ratio Lower Upper

152 100

150 161.0 125.9 188.9

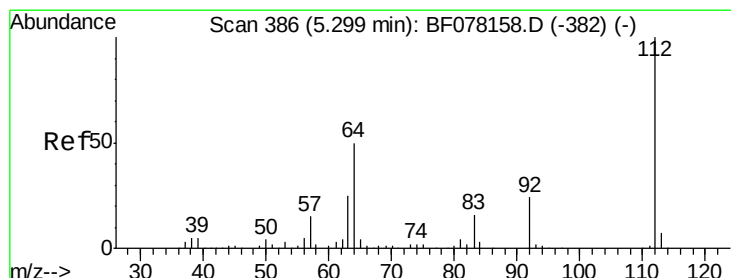
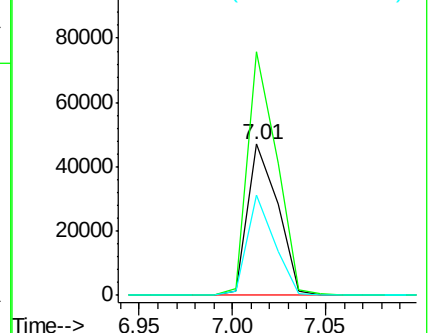
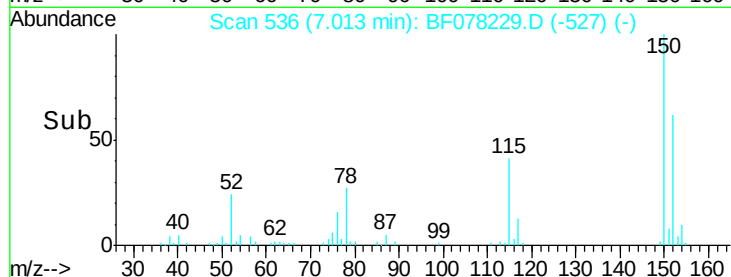
115 66.4 52.7 79.1



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: 73.15 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078229.D

Acq: 3 Apr 2015 6:57

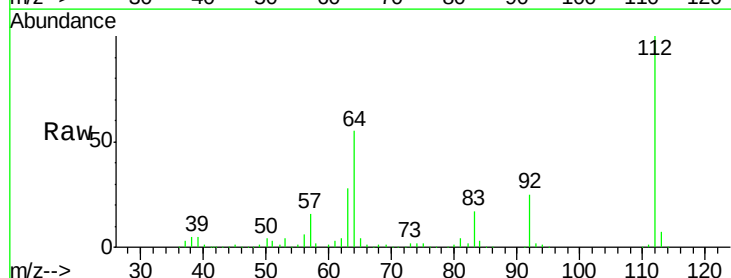
Tgt Ion:112 Resp: 236046

Ion Ratio Lower Upper

112 100

64 55.4 39.9 59.9

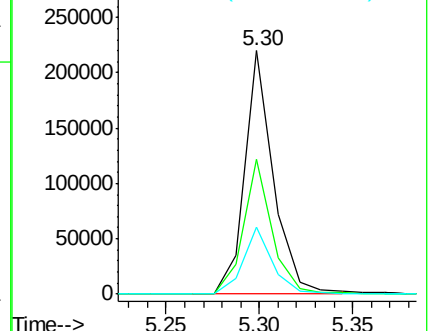
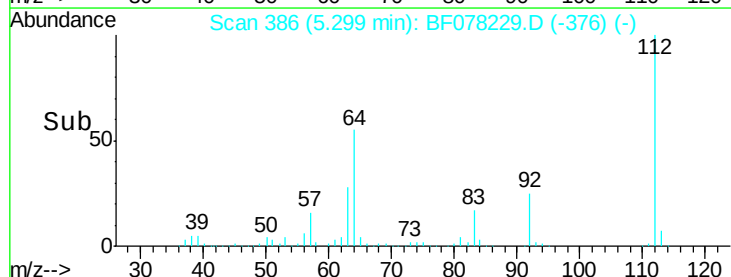
63 27.6 20.2 30.4

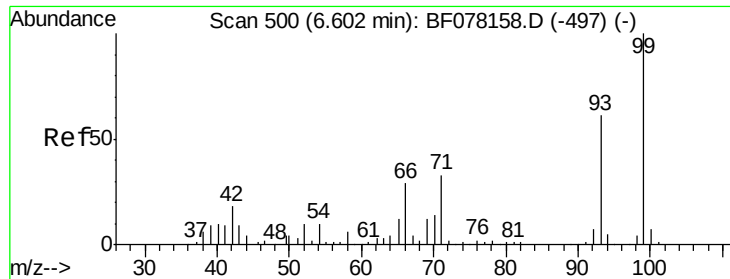


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 77.29 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078229.D

Acq: 3 Apr 2015 6:57

Instrument :

BNA_F

ClientSampleId :

COMP-2

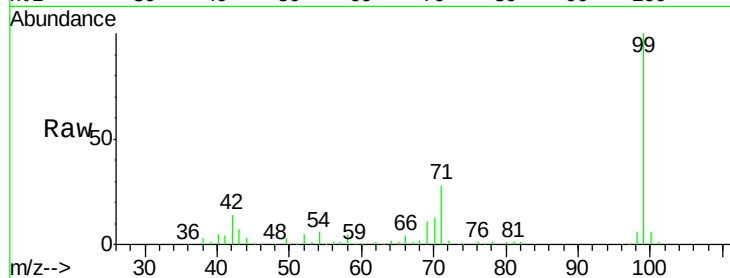
Tgt Ion: 99 Resp: 312535

Ion Ratio Lower Upper

99 100

42 13.5 14.8 22.2#

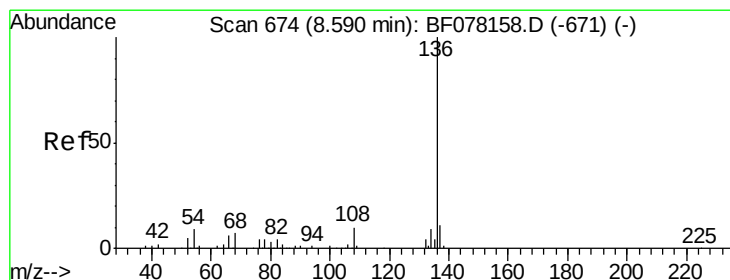
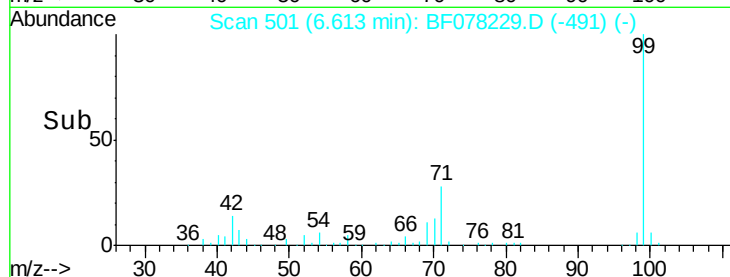
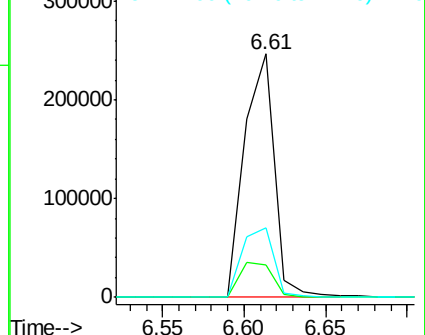
71 28.4 26.6 39.8



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: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078229.D

Acq: 3 Apr 2015 6:57

Tgt Ion: 136 Resp: 217395

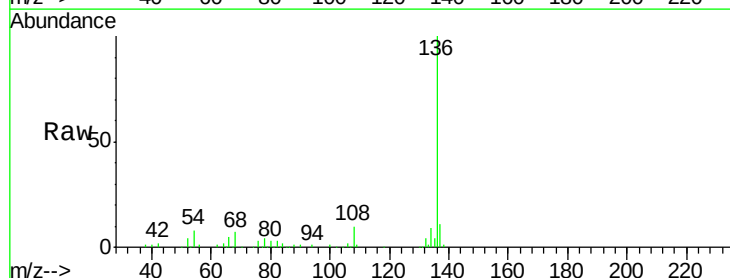
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.1 7.0 10.6

68 6.6 5.4 8.2

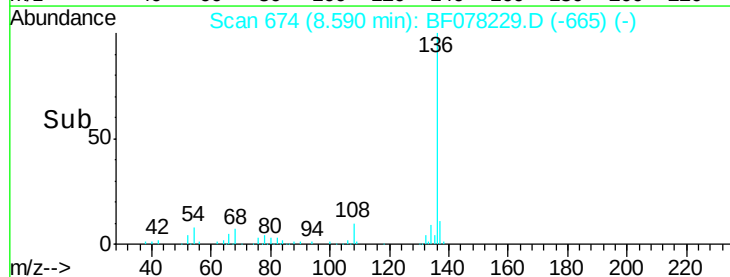
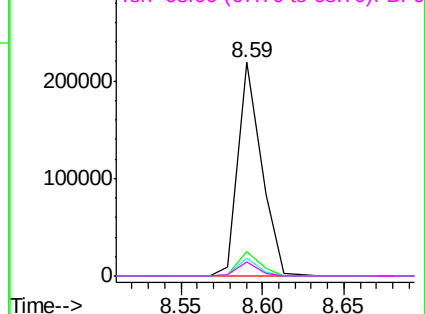


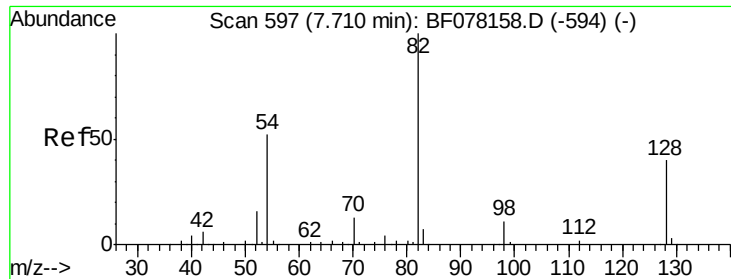
Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.17 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF078229.D

Acq: 3 Apr 2015 6:57

Instrument :

BNA_F

ClientSampleId :

COMP-2

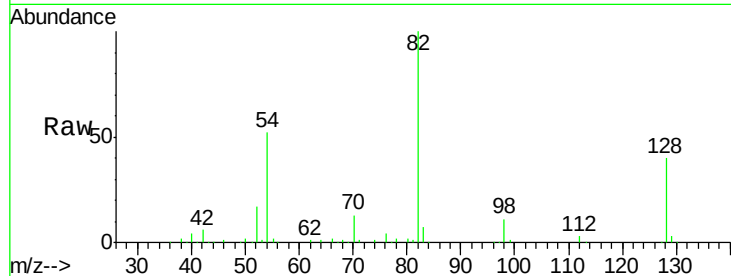
Tgt Ion: 82 Resp: 176360

Ion Ratio Lower Upper

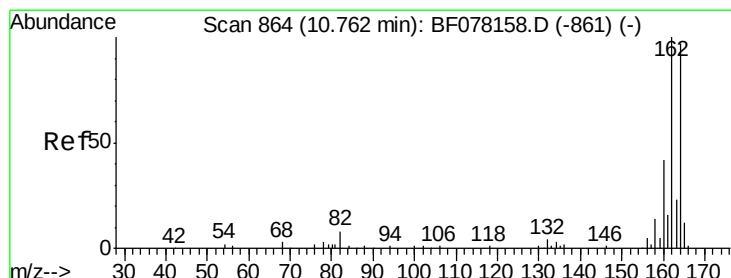
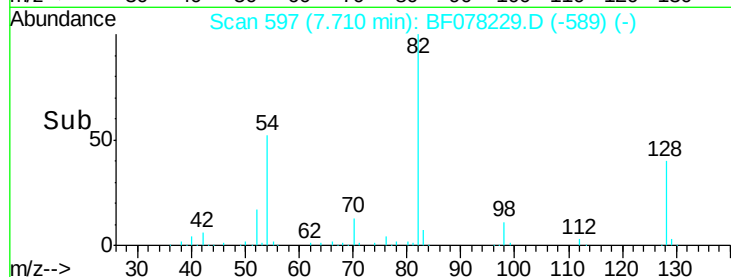
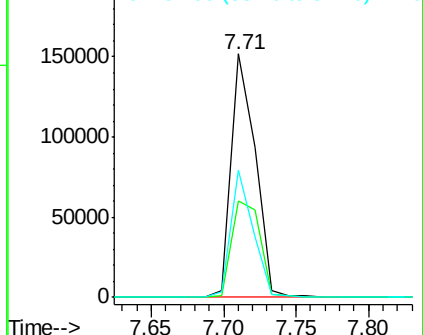
82 100

128 39.8 31.8 47.8

54 52.2 41.5 62.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078229.D

Acq: 3 Apr 2015 6:57

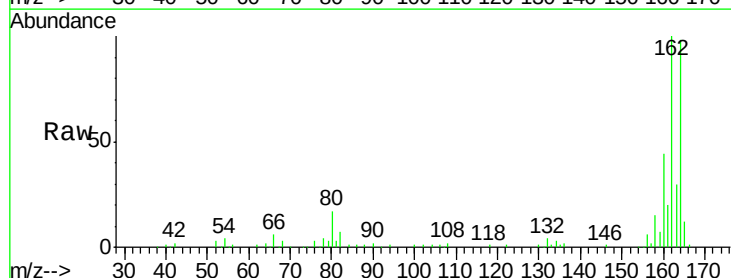
Tgt Ion: 164 Resp: 109827

Ion Ratio Lower Upper

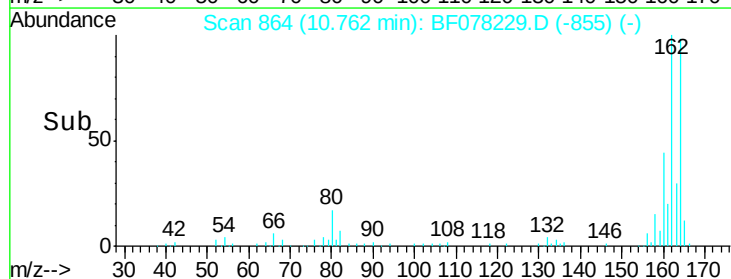
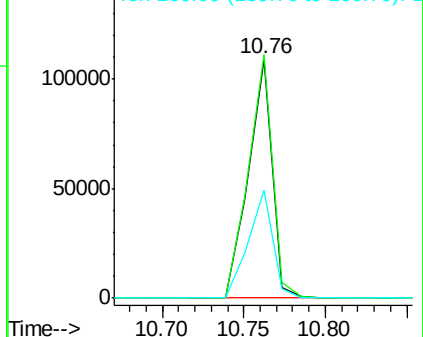
164 100

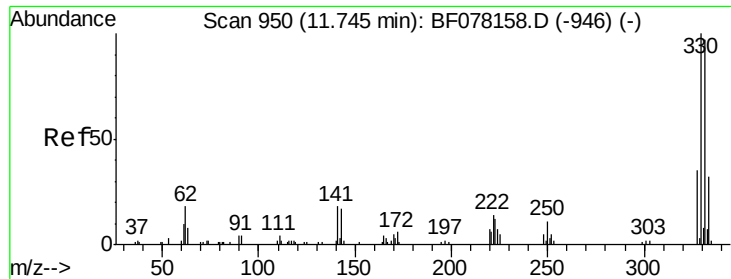
162 102.0 82.2 123.2

160 45.1 34.7 52.1



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

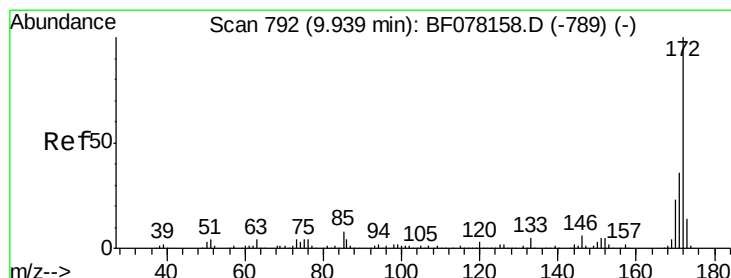
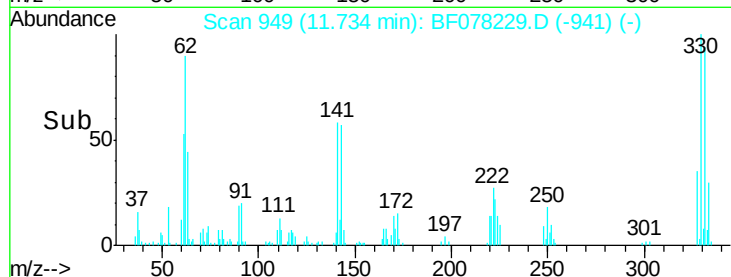
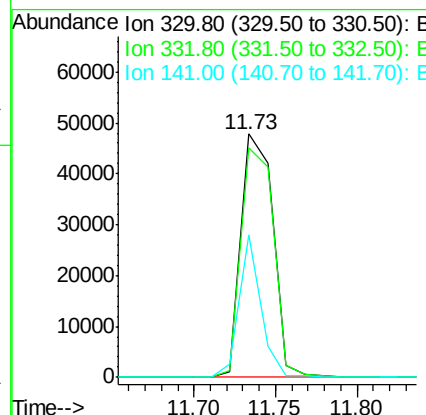
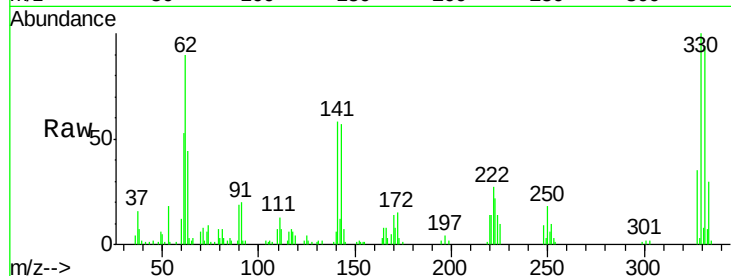




#41
 2,4,6-Tribromophenol
 Concen: 71.22 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078229.D
 Acq: 3 Apr 2015 6:57

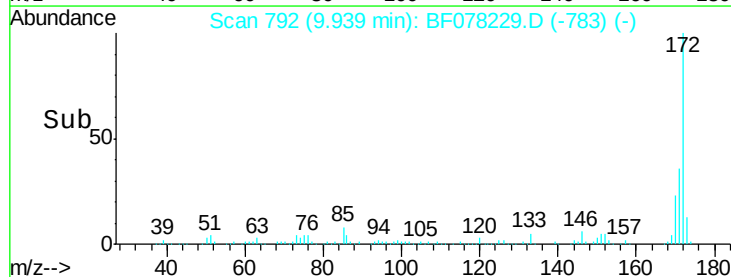
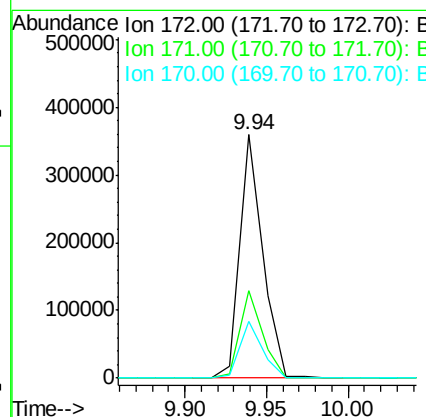
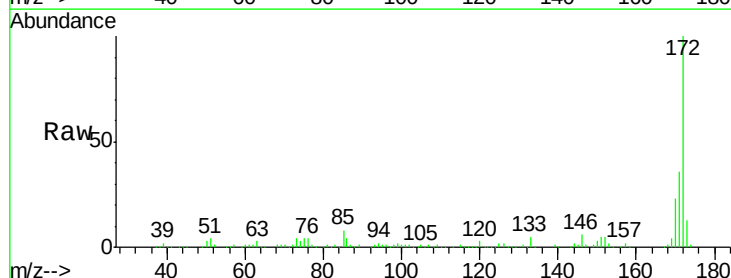
Instrument :
 BNA_F
 ClientSampled :
 COMP-2

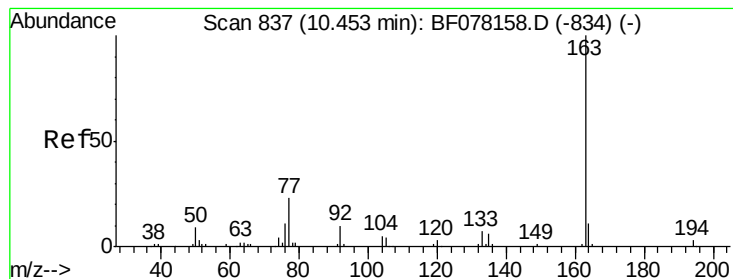
Tgt Ion:330 Resp: 64875
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.6 117.8
 141 39.6 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 45.14 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078229.D
 Acq: 3 Apr 2015 6:57

Tgt Ion:172 Resp: 346859
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.4 18.5 27.7





#49

Dimethylphthalate

Concen: 4.01 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF078229.D

Acq: 3 Apr 2015 6:57

Instrument :

BNA_F

ClientSampleId :

COMP-2

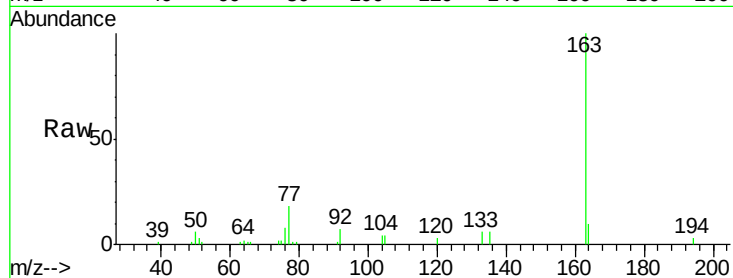
Tgt Ion:163 Resp: 33058

Ion Ratio Lower Upper

163 100

194 3.0 2.3 3.5

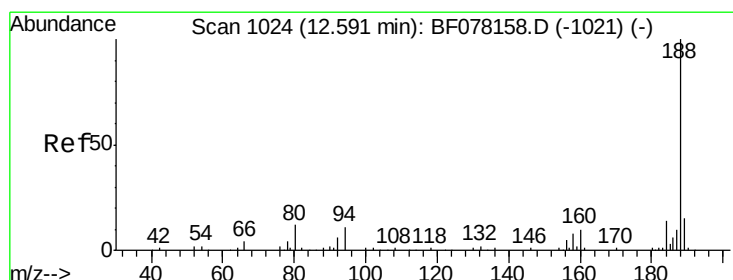
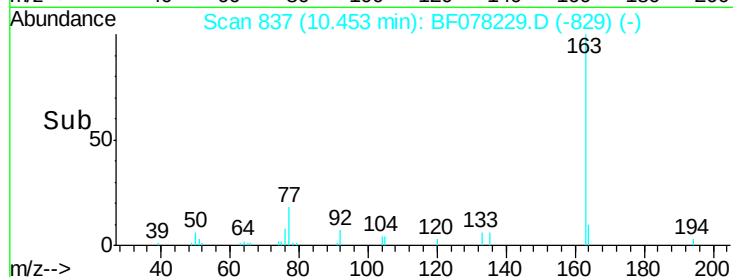
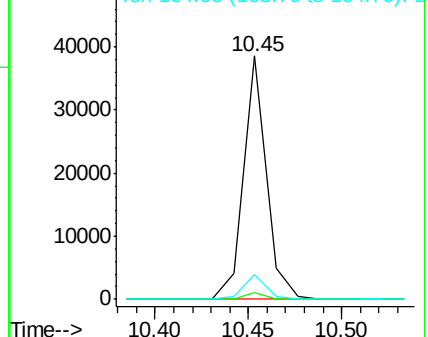
164 10.1 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF078229.D

Acq: 3 Apr 2015 6:57

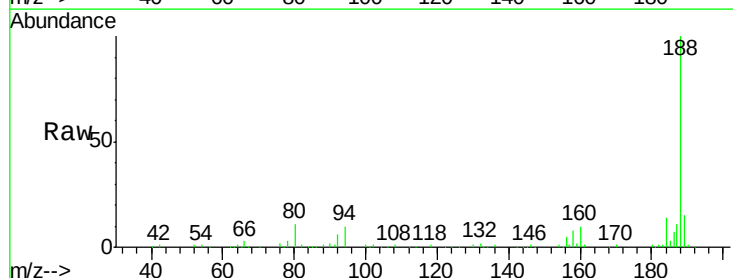
Tgt Ion:188 Resp: 214465

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

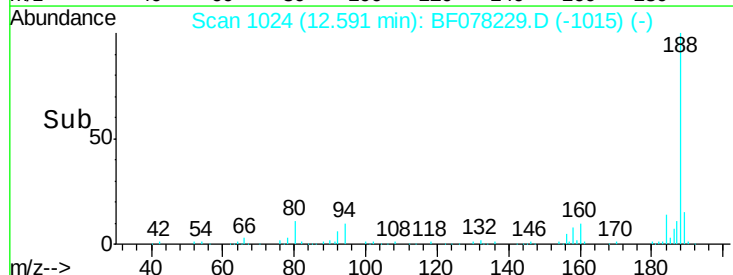
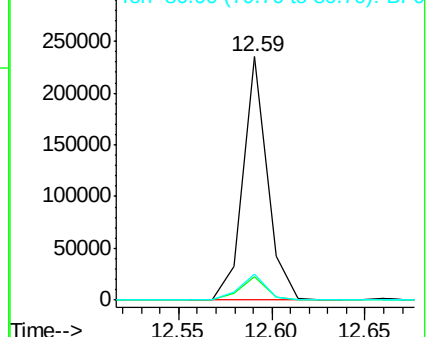
80 10.6 9.5 14.3

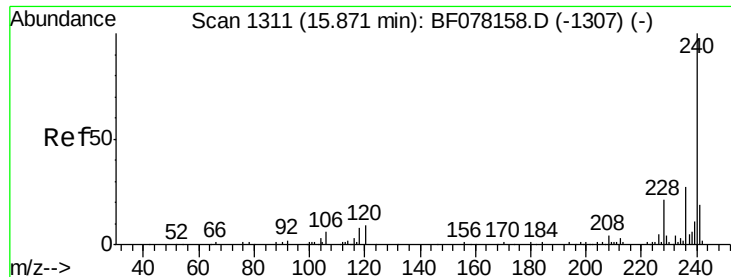


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

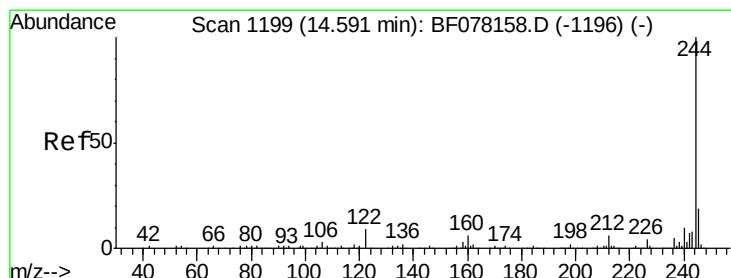
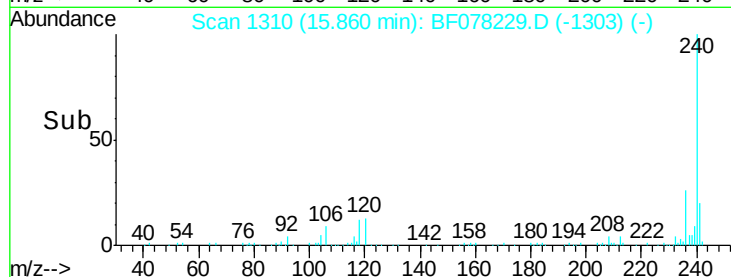
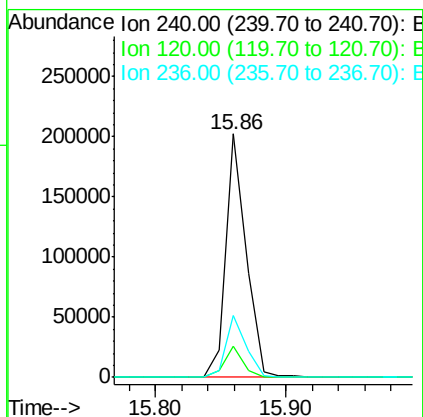
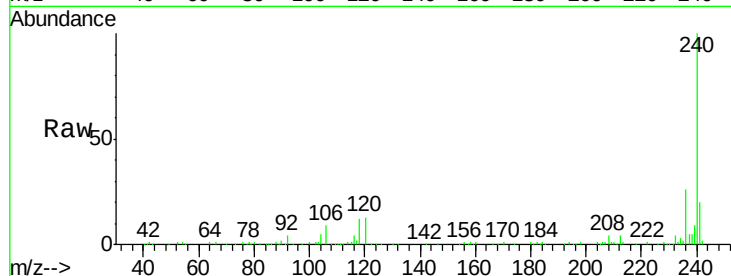




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF078229.D
Acq: 3 Apr 2015 6:57

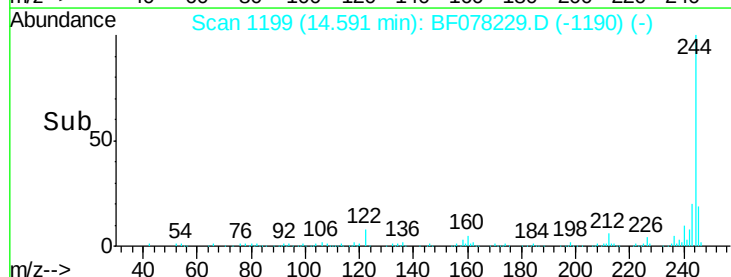
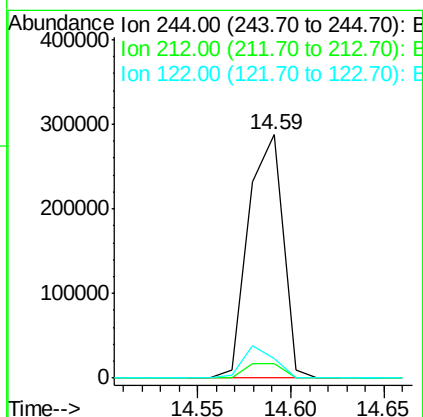
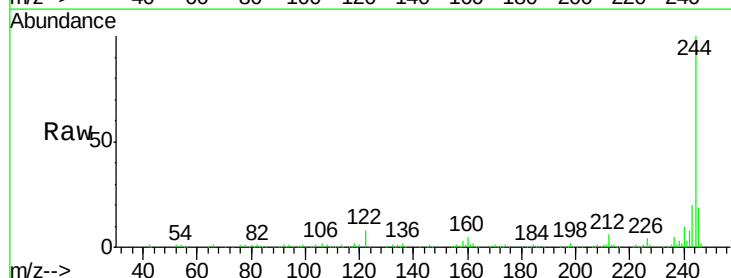
Instrument :
BNA_F
ClientSampleId :
COMP-2

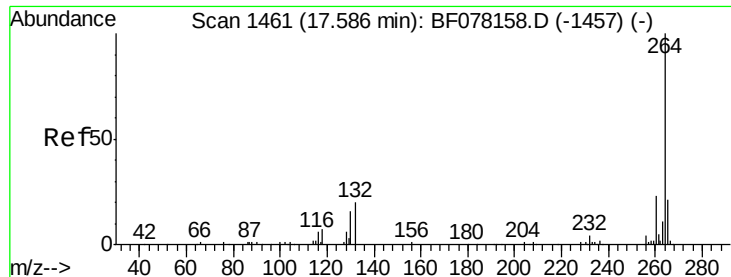
Tgt Ion:240 Resp: 219349
Ion Ratio Lower Upper
240 100
120 13.0 7.1 10.7#
236 25.5 21.4 32.2



#78
Terphenyl-d14
Concen: 38.20 ng
RT: 14.59 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF078229.D
Acq: 3 Apr 2015 6:57

Tgt Ion:244 Resp: 370841
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 7.8 7.1 10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.10 min
Lab File: BF078229.D
Acq: 3 Apr 2015 6:57

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion: 264 Resp: 216340
Ion Ratio Lower Upper
264 100
260 24.1 18.6 27.8
265 21.3 17.0 25.6

