

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
 Data File : BF078370.D
 Acq On : 9 Apr 2015 20:46
 Operator : TP/IZ
 Sample : G1782-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB13(1)

Quant Time: Apr 10 01:50:00 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 00:58:40 2015
 Response via : Initial Calibration

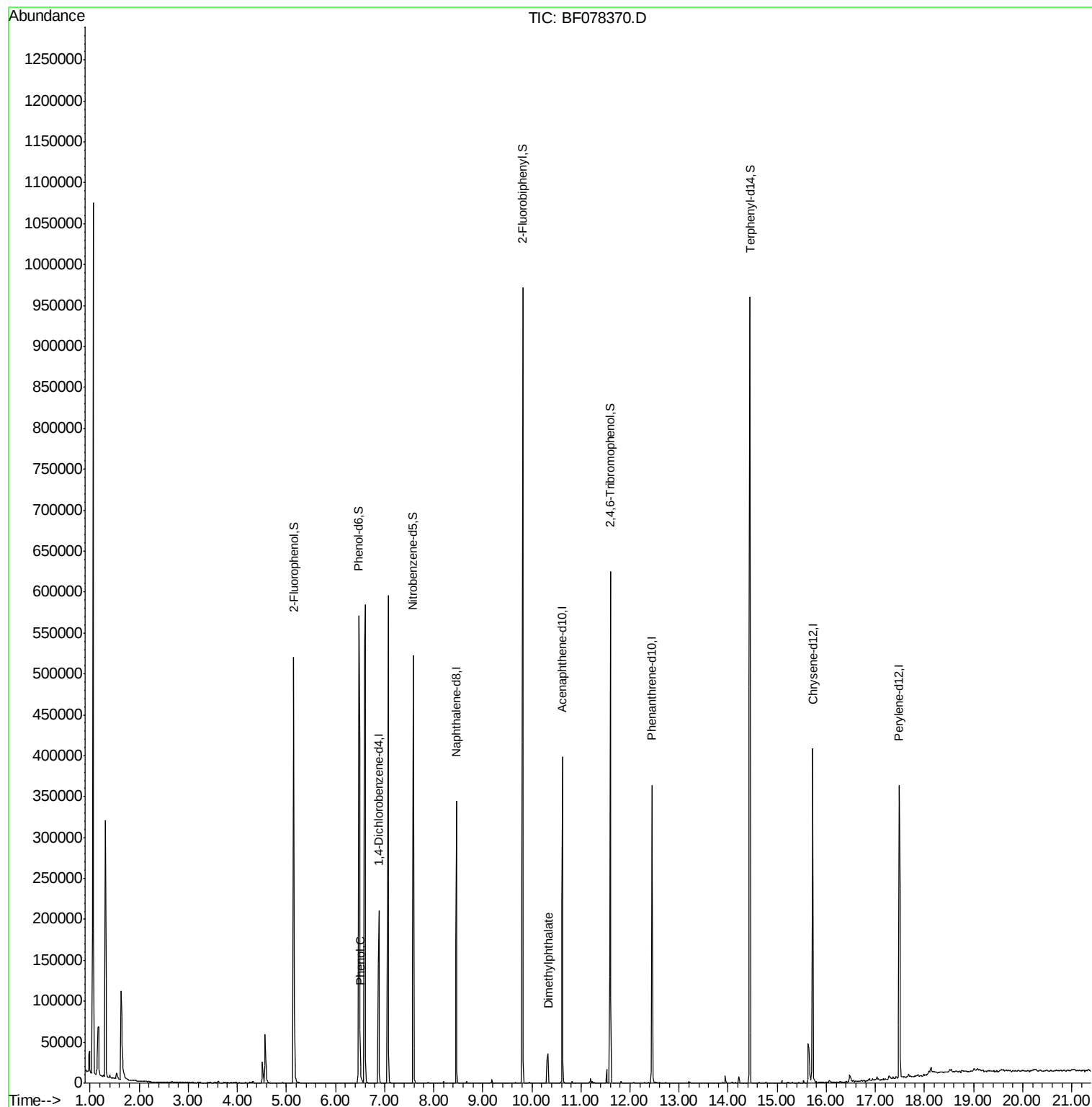
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	44234	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	188453	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	97982	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	191982	20.00	ng	-0.01
75) Chrysene-d12	15.72	240	200357	20.00	ng	0.00
86) Perylene-d12	17.48	264	181823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	223912	83.46	ng	0.00
7) Phenol-d6	6.48	99	280323	83.37	ng	-0.01
23) Nitrobenzene-d5	7.58	82	168923	54.33	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	71376	87.83	ng	-0.01
44) 2-Fluorobiphenyl	9.81	172	351379	51.26	ng	0.00
78) Terphenyl-d14	14.44	244	378182	42.65	ng	0.00
Target Compounds						
10) Phenol	6.50	94	8271	2.05	ng	Qvalue 85
49) Dimethylphthalate	10.33	163	23986	3.26	ng	# 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF078370.D

Acq: 9 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

SB13(1)

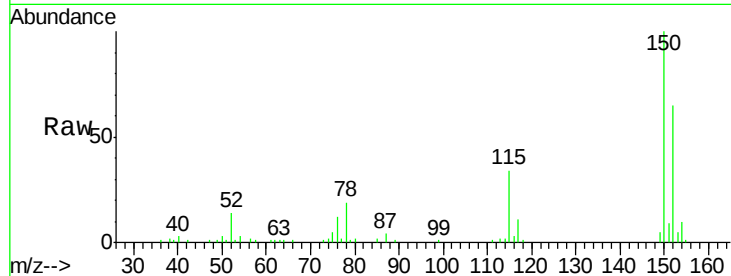
Tot Ion:152 Resp: 44234

Ion Ratio Lower Upper

152 100

150 154.4 125.9 188.9

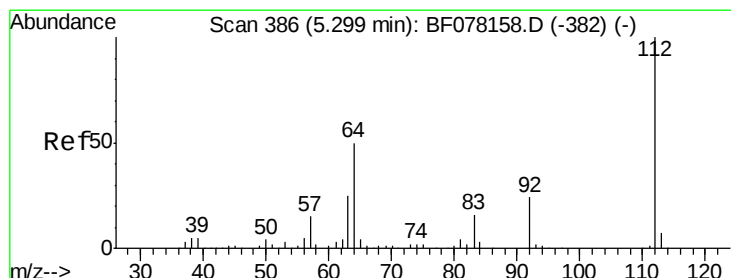
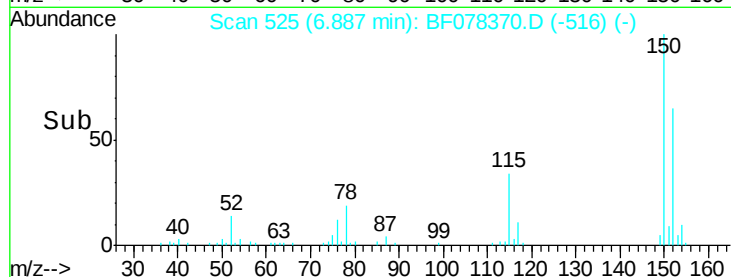
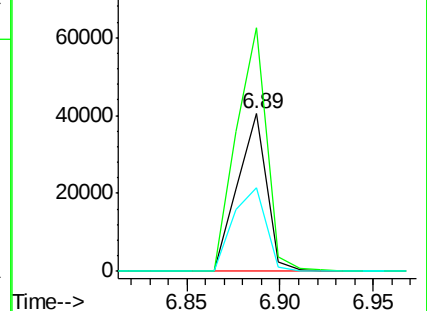
115 52.8 52.7 79.1



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: 83.46 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF078370.D

Acq: 9 Apr 2015 20:46

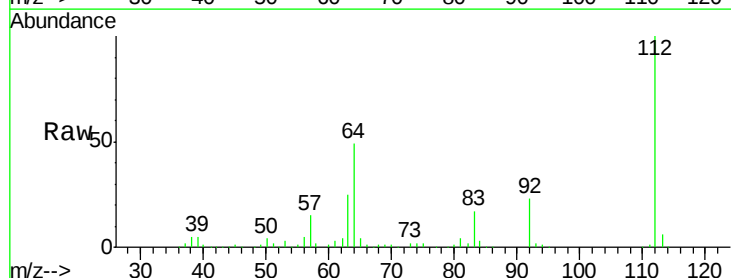
Tgt Ion:112 Resp: 223912

Ion Ratio Lower Upper

112 100

64 48.7 39.9 59.9

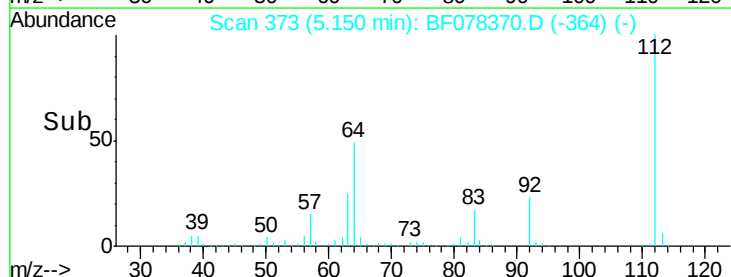
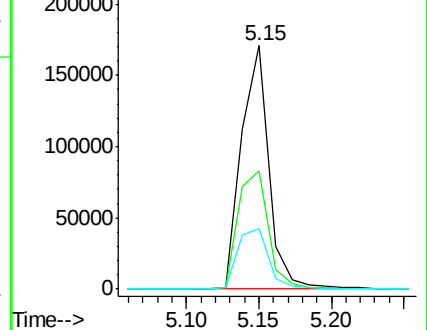
63 24.7 20.2 30.4



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: 83.37 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF078370.D

Acq: 9 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

SB13(1)

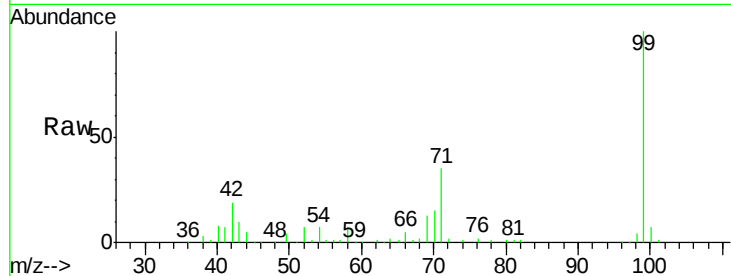
Tot Ion: 99 Resp: 280323

Ion Ratio Lower Upper

99 100

42 19.4 14.8 22.2

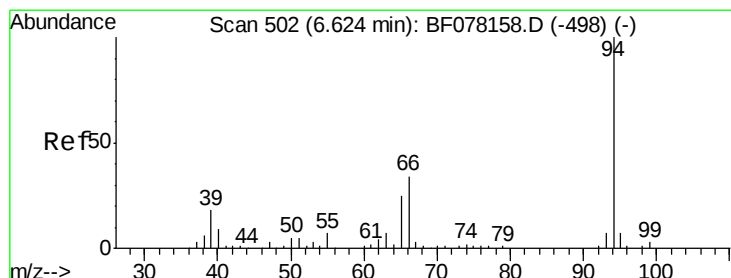
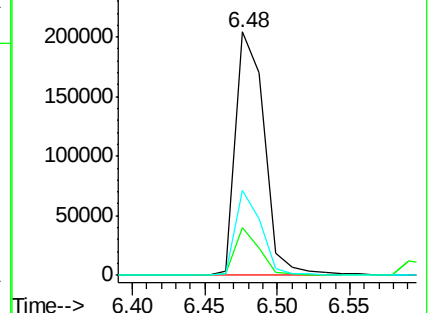
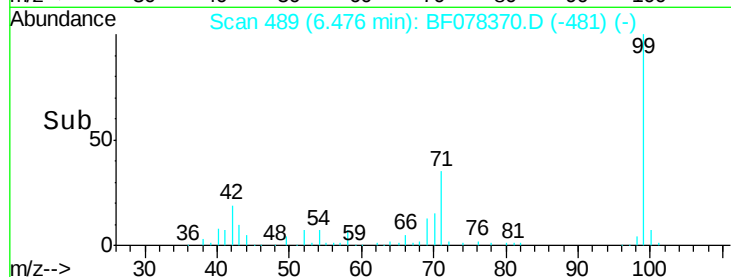
71 35.1 26.6 39.8



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



#10

Phenol

Concen: 2.05 ng

RT: 6.50 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF078370.D

Acq: 9 Apr 2015 20:46

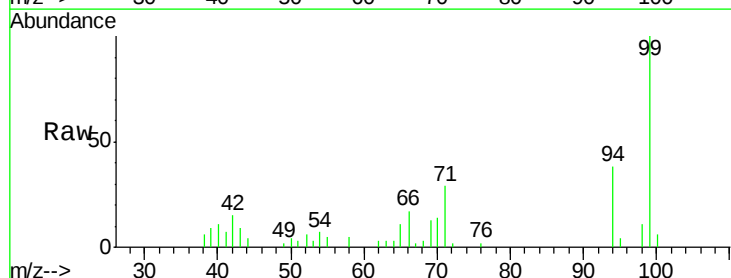
Tgt Ion: 94 Resp: 8271

Ion Ratio Lower Upper

94 100

65 28.6 4.9 44.9

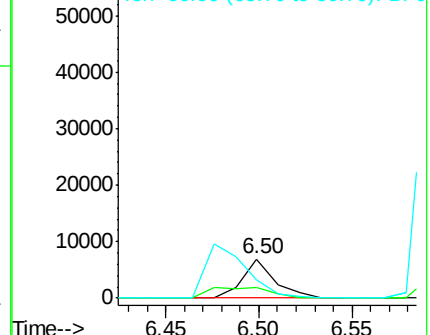
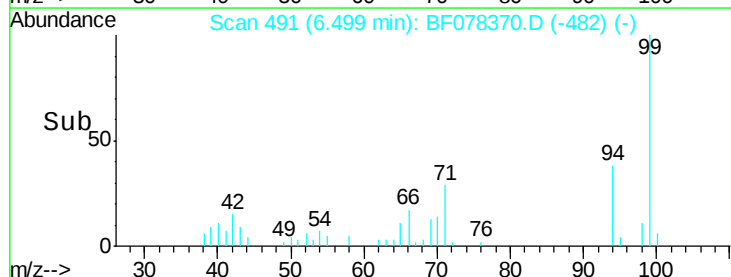
66 45.5 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078370.D

Acq: 9 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

SB13(1)

Tot Ion:136 Resp: 188453

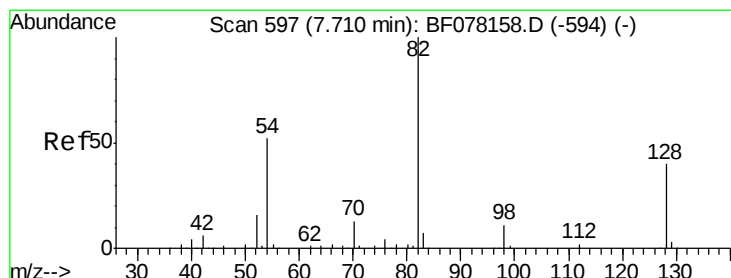
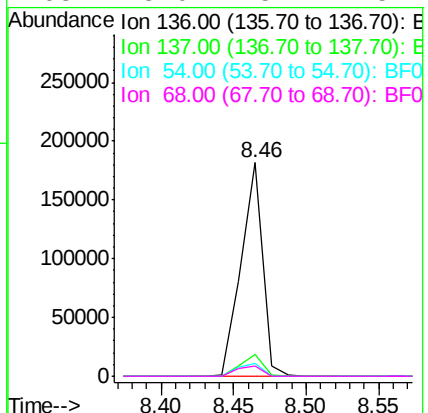
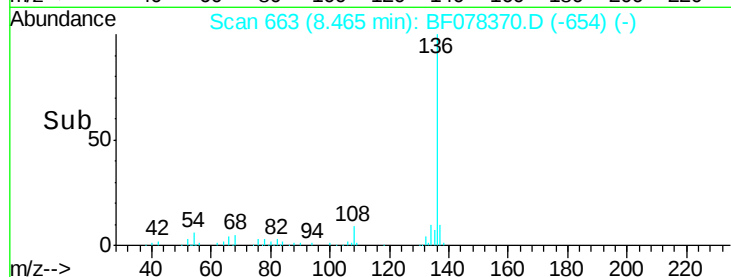
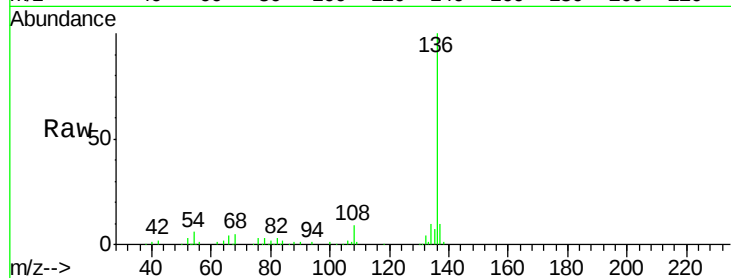
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.9 7.0 10.6#

68 5.0 5.4 8.2#



#23

Nitrobenzene-d5

Concen: 54.33 ng

RT: 7.58 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF078370.D

Acq: 9 Apr 2015 20:46

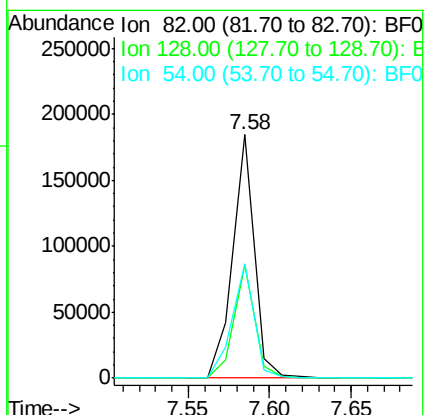
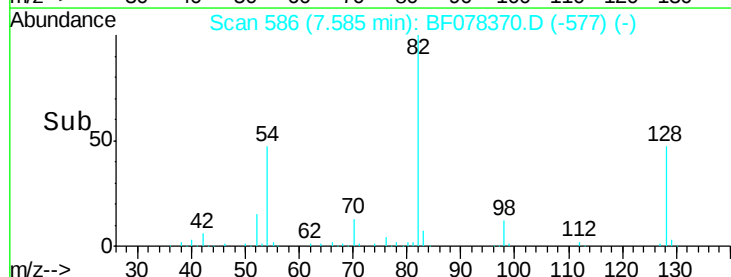
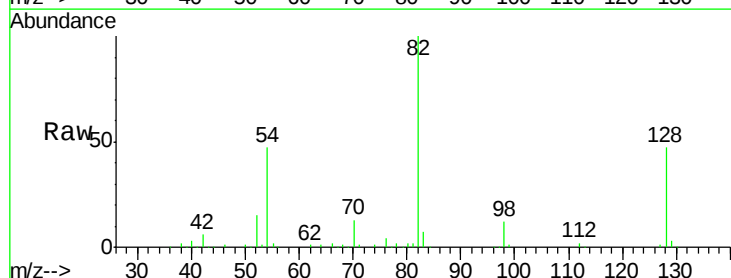
Tgt Ion: 82 Resp: 168923

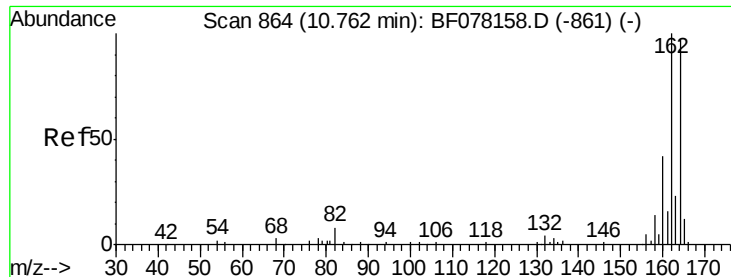
Ion Ratio Lower Upper

82 100

128 46.5 31.8 47.8

54 47.1 41.5 62.3

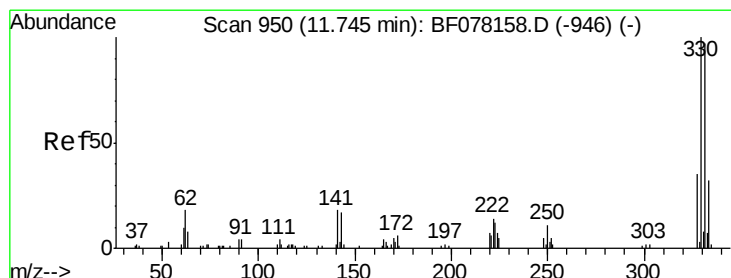
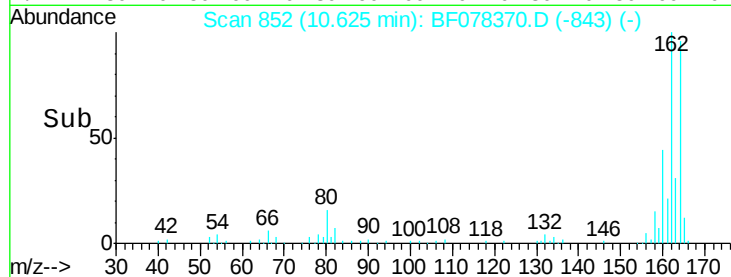
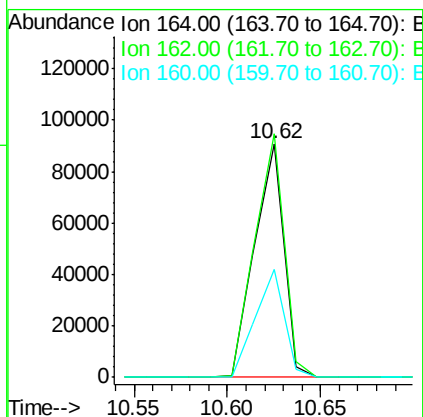
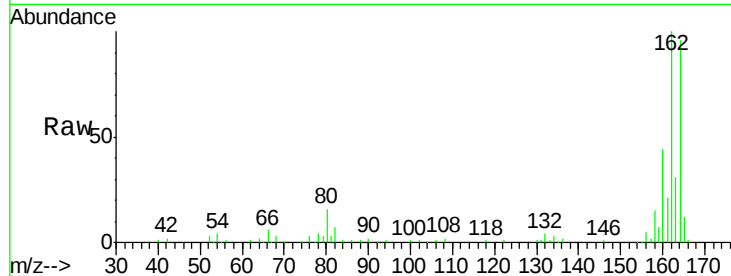




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF078370.D
 Acq: 9 Apr 2015 20:46

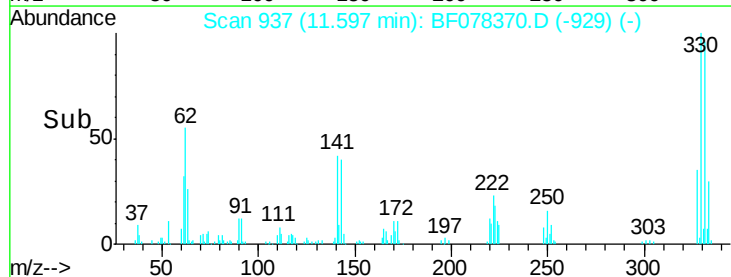
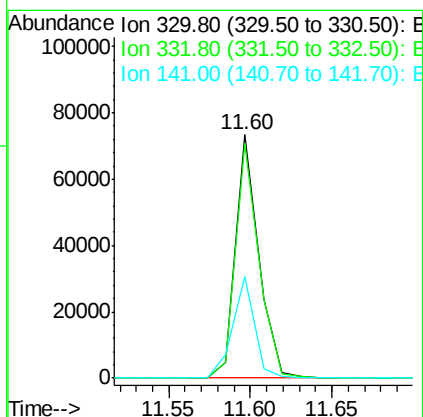
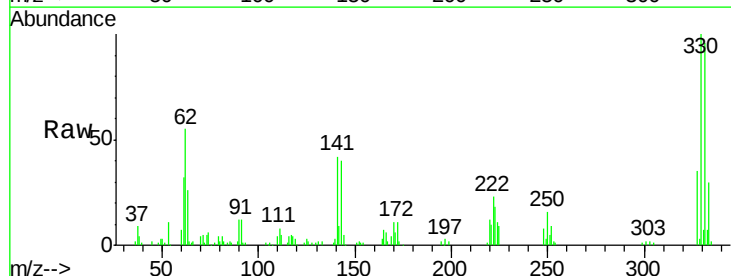
Instrument :
 BNA_F
 ClientSampleId :
 SB13(1)

Tot Ion:164 Resp: 97982
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.2 123.2
 160 46.0 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 87.83 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF078370.D
 Acq: 9 Apr 2015 20:46

Tgt Ion:330 Resp: 71376
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.6 117.8
 141 39.7 31.2 46.8

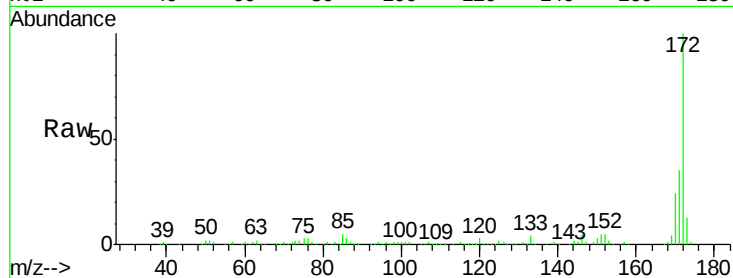




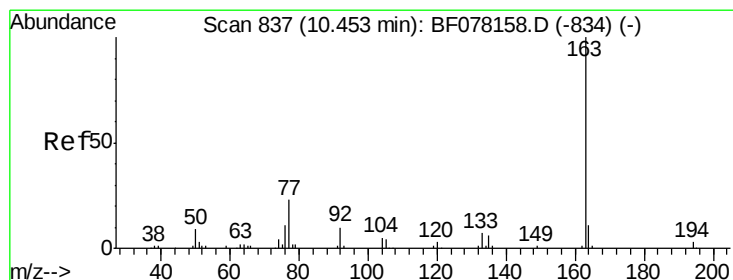
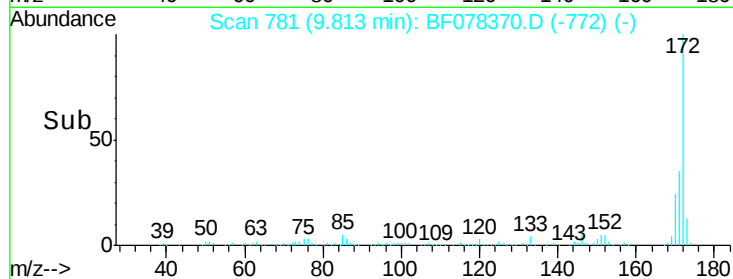
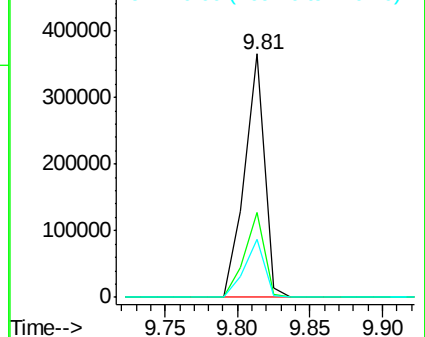
#44
2-Fluorobiphenyl
Concen: 51.26 ng
RT: 9.81 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF078370.D
Acq: 9 Apr 2015 20:46

Instrument :
BNA_F
ClientSampleId :
SB13(1)

Tot Ion:172 Resp: 351379
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.6 18.5 27.7

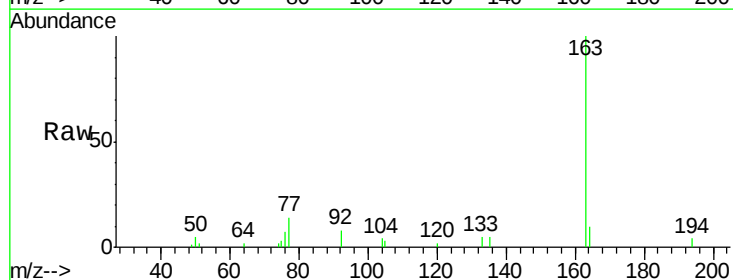


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

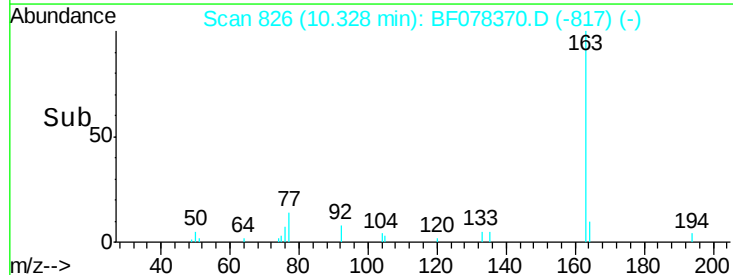
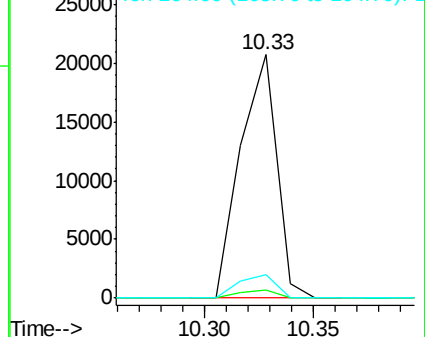


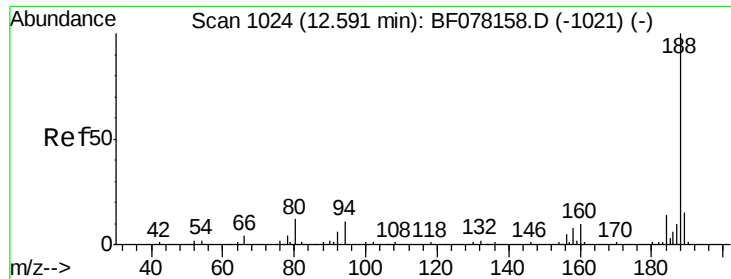
#49
Dimethylphthalate
Concen: 3.26 ng
RT: 10.33 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF078370.D
Acq: 9 Apr 2015 20:46

Tgt Ion:163 Resp: 23986
Ion Ratio Lower Upper
163 100
194 3.6 2.3 3.5#
164 9.8 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

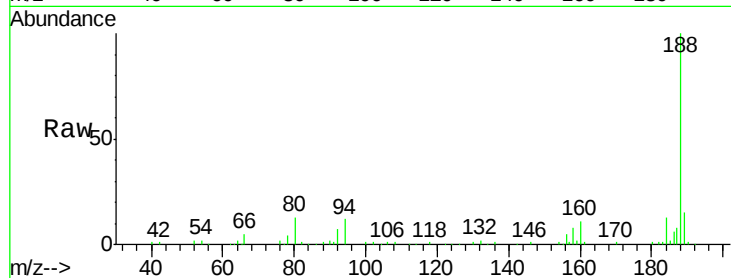




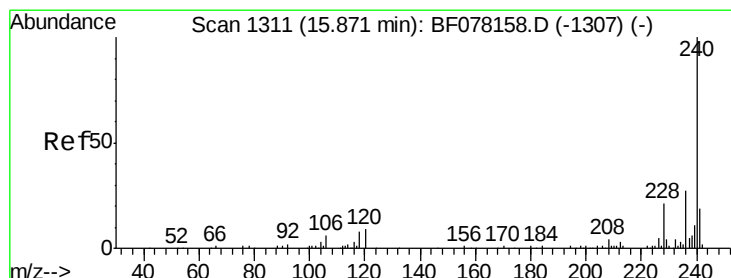
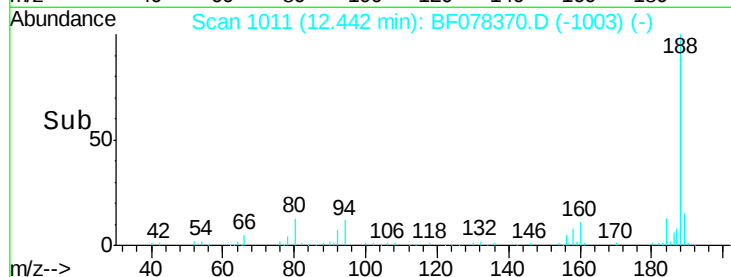
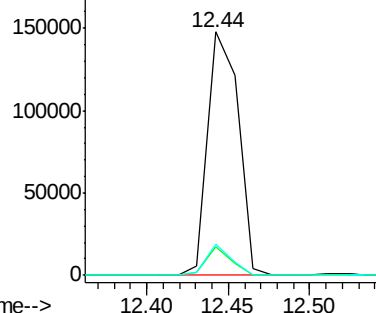
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078370.D
 Acq: 9 Apr 2015 20:46

Instrument :
 BNA_F
 ClientSampleId :
 SB13(1)

Tot Ion:188 Resp: 191982
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.0 13.4
 80 12.7 9.5 14.3

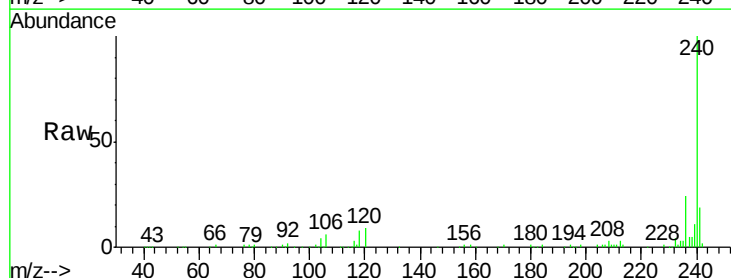


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

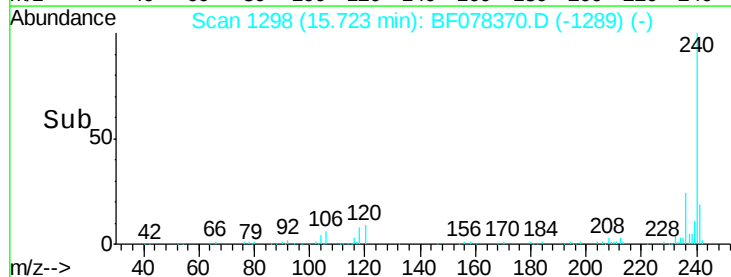
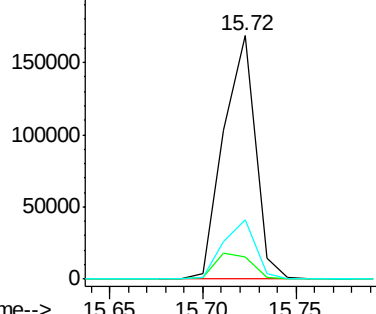


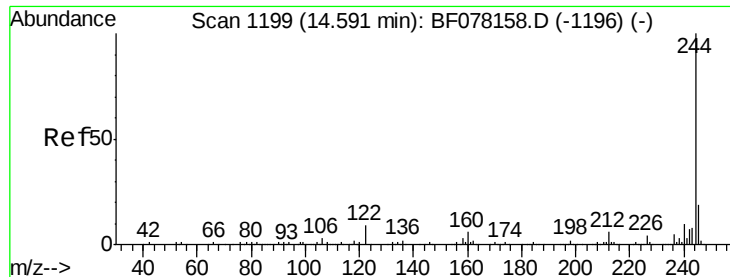
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF078370.D
 Acq: 9 Apr 2015 20:46

Tgt Ion:240 Resp: 200357
 Ion Ratio Lower Upper
 240 100
 120 9.1 7.1 10.7
 236 24.3 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: 42.65 ng

RT: 14.44 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF078370.D

Acq: 9 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

SB13(1)

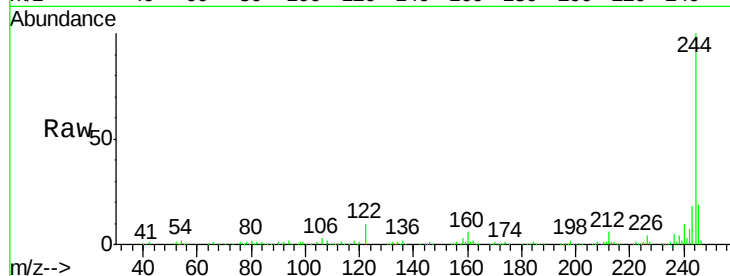
Tot Ion:244 Resp: 378182

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

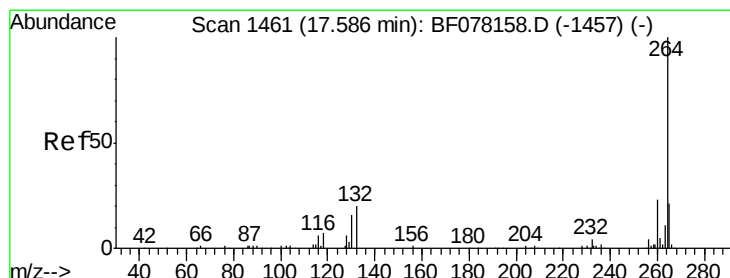
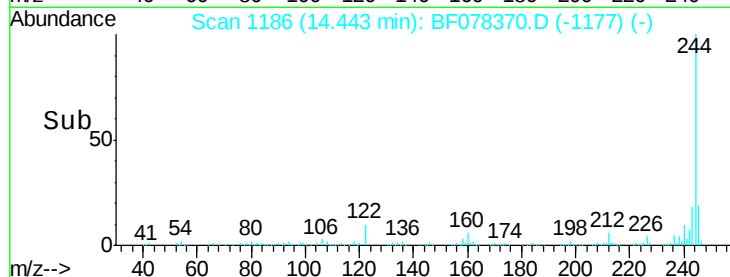
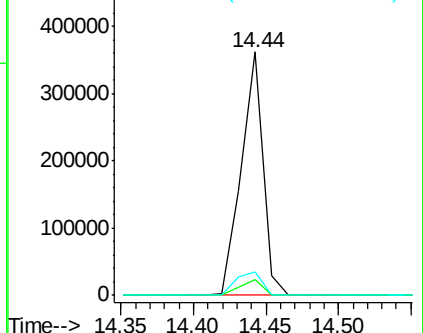
122 9.8 7.1 10.7



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: 17.48 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF078370.D

Acq: 9 Apr 2015 20:46

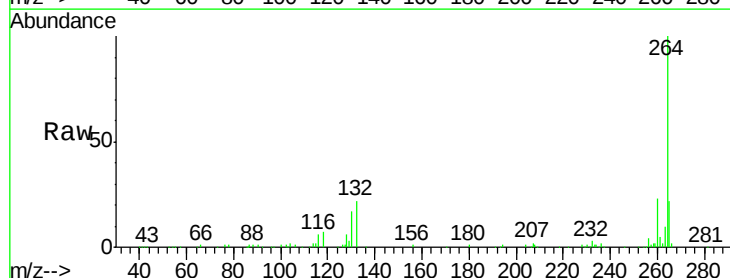
Tgt Ion:264 Resp: 181823

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.9 17.0 25.6



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

