

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 01:20:06 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

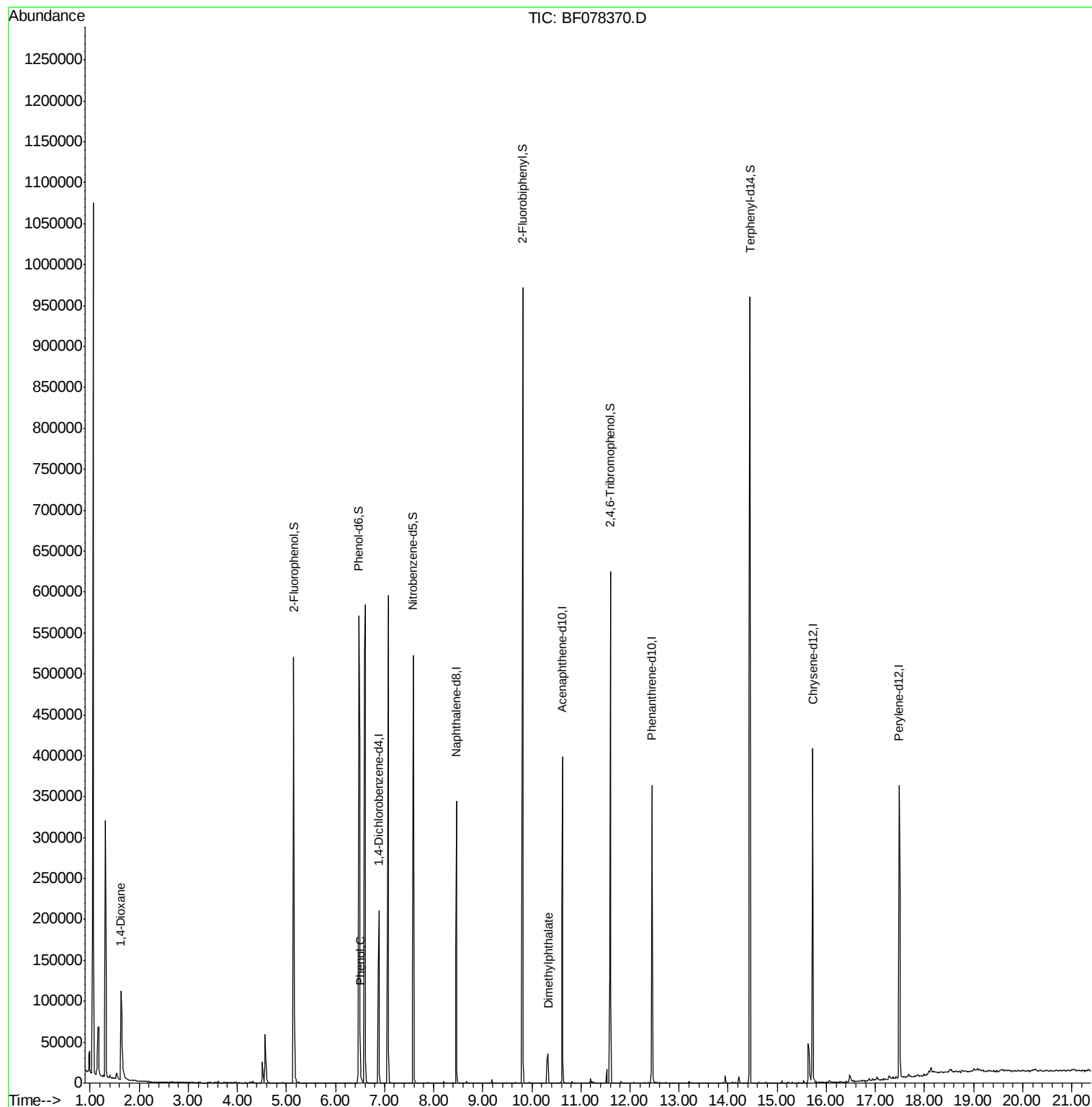
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	44234	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	188453	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	97982	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	191982	20.00	ng	-0.01
75) Chrysene-d12	15.72	240	200357	20.00	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						
2) 1,4-Dioxane	1.63	88	5147	4.24	ng	# 23
10) Phenol	6.50	94	8271	2.05	ng	85
49) Dimethylphthalate	10.33	163	23986	3.26	ng	# 98

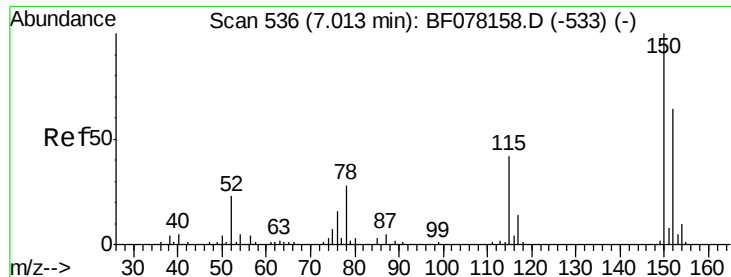
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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)

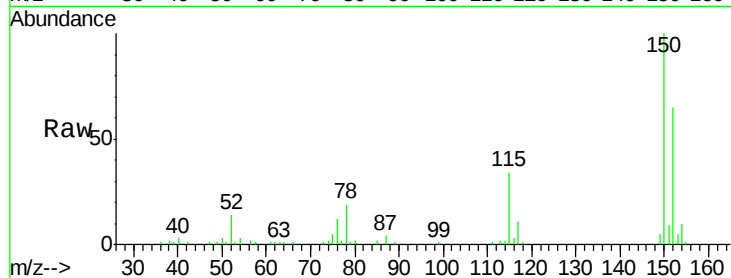
Tgt Ion:152 Resp: 44234

Ion Ratio Lower Upper

152 100

150 154.4 125.9 188.9

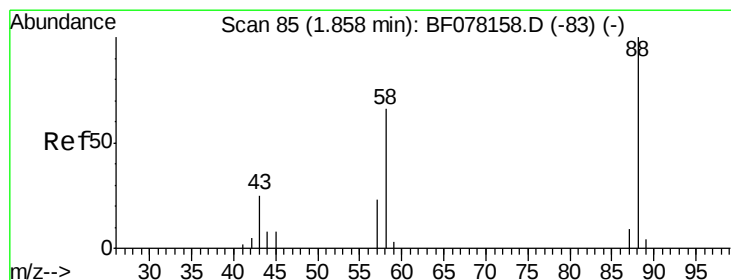
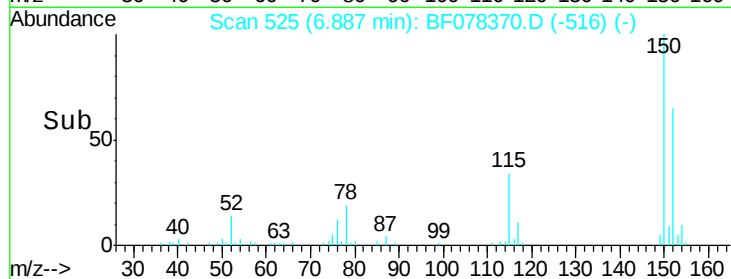
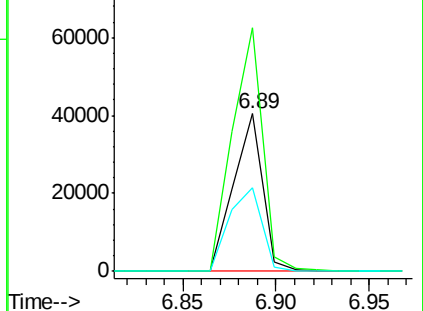
115 52.8 52.7 79.1



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



#2

1,4-Dioxane

Concen: 4.24 ng

RT: 1.63 min Scan# 65

Delta R.T. -0.06 min

Lab File: BF078370.D

Acq: 9 Apr 2015 20:46

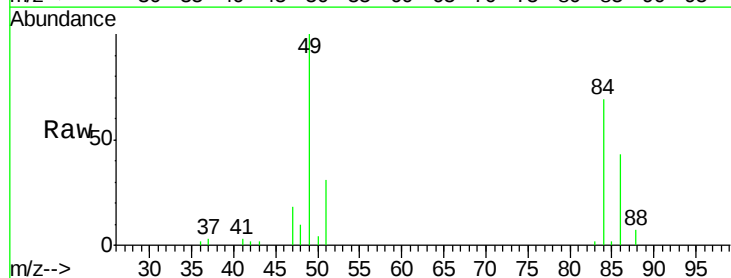
Tgt Ion: 88 Resp: 5147

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

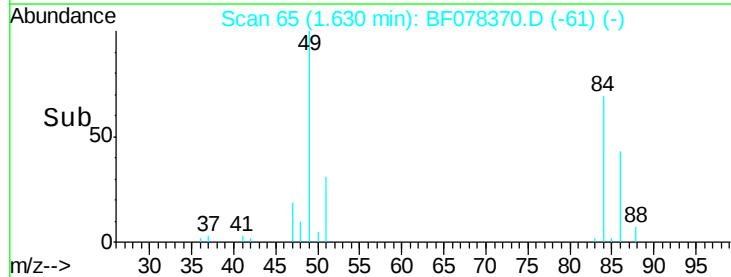
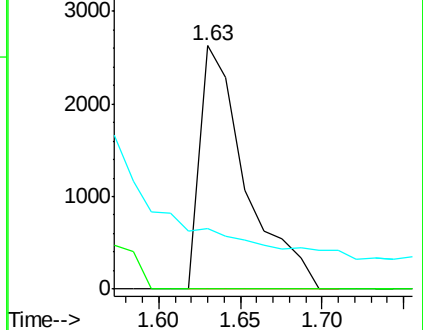
43 0.0 21.4 32.2#

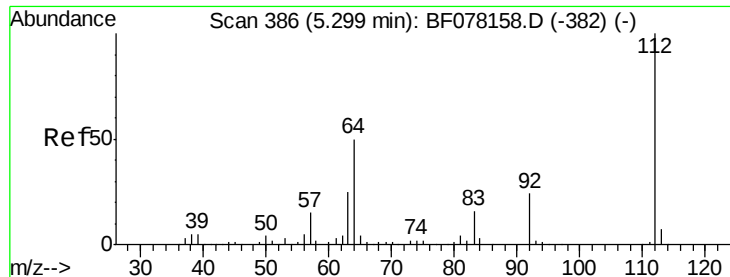


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 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

Instrument :

BNA_F

ClientSampled :

SB13(1)

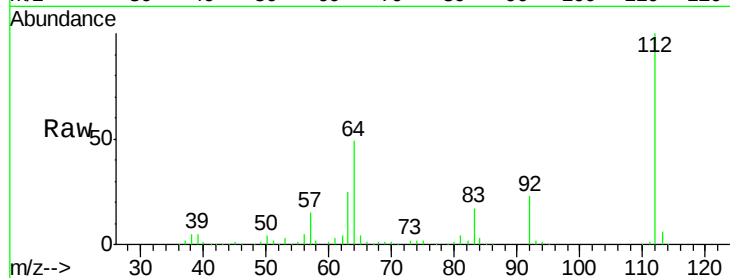
Tgt Ion: 112 Resp: 223912

Ion Ratio Lower Upper

112 100

64 48.7 39.9 59.9

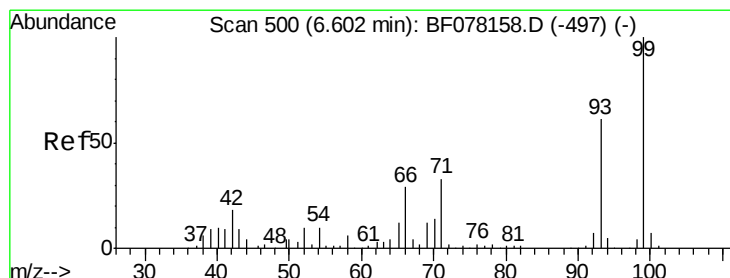
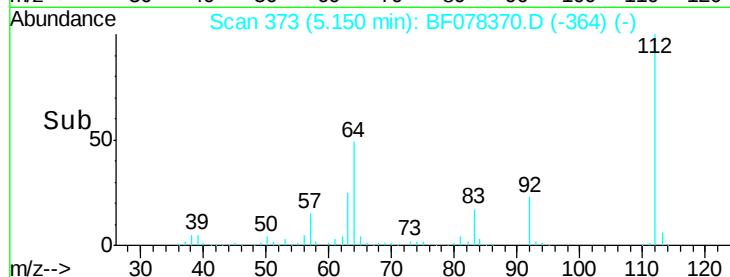
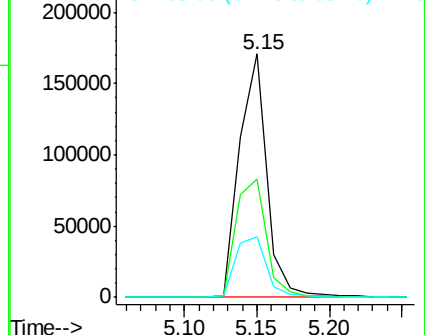
63 24.7 20.2 30.4



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

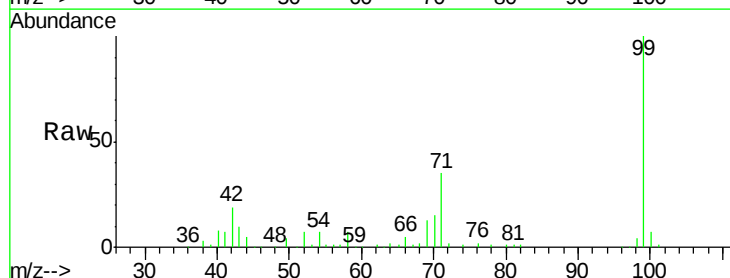
Tgt Ion: 99 Resp: 280323

Ion Ratio Lower Upper

99 100

42 19.4 14.8 22.2

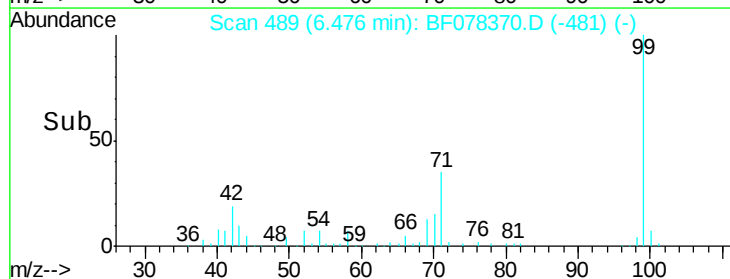
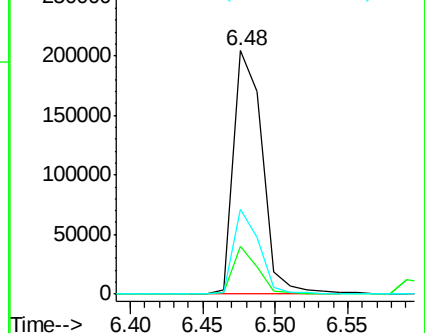
71 35.1 26.6 39.8

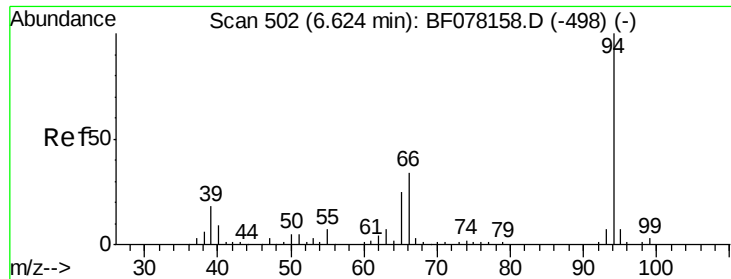


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

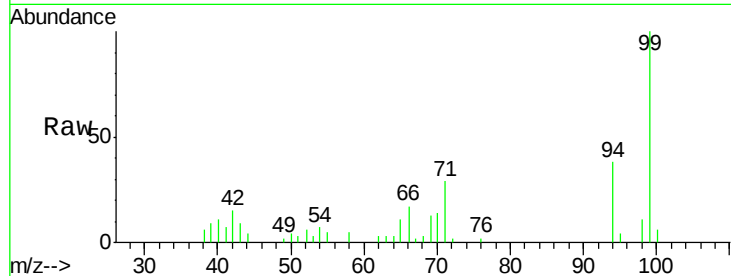




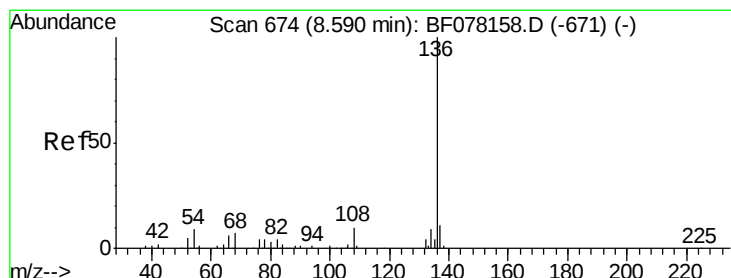
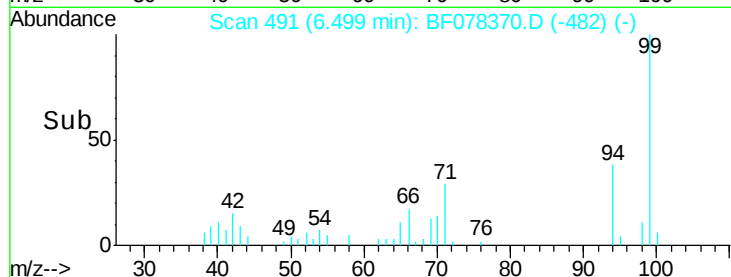
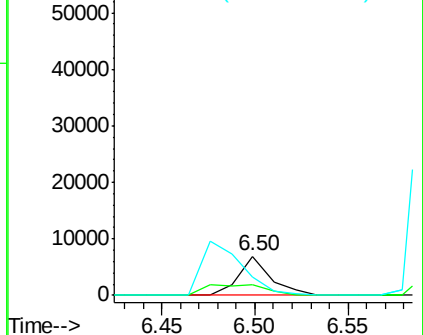
#10
Phenol
Concen: 2.05 ng
RT: 6.50 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF078370.D
Acq: 9 Apr 2015 20:46

Instrument :
BNA_F
ClientSampleId :
SB13(1)

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

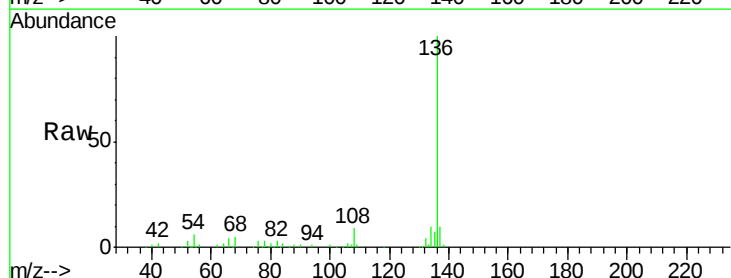


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

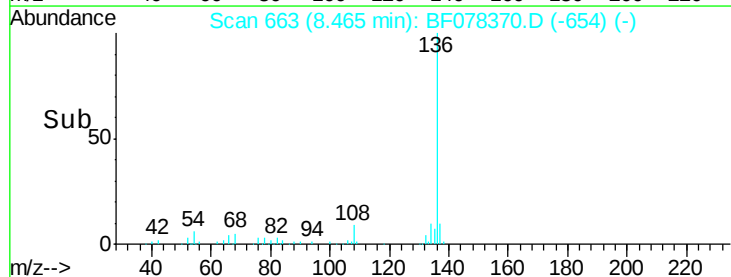
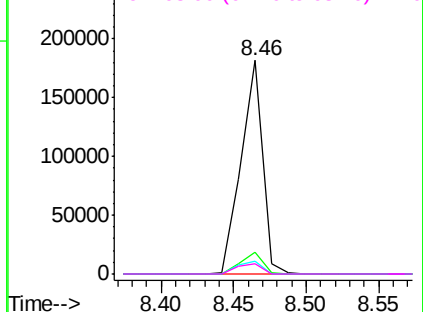


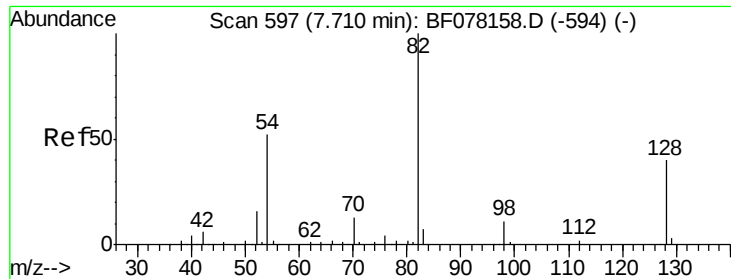
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF078370.D
Acq: 9 Apr 2015 20:46

Tgt 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#



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

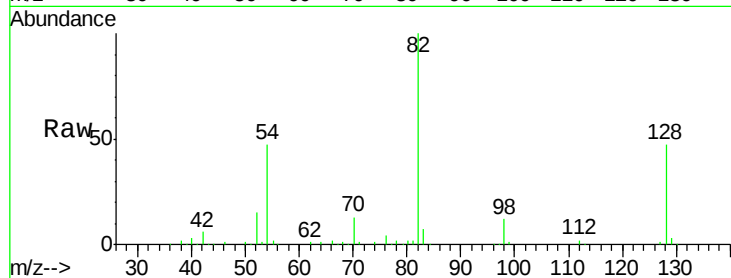




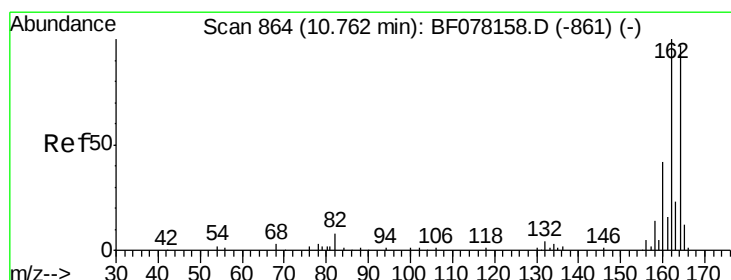
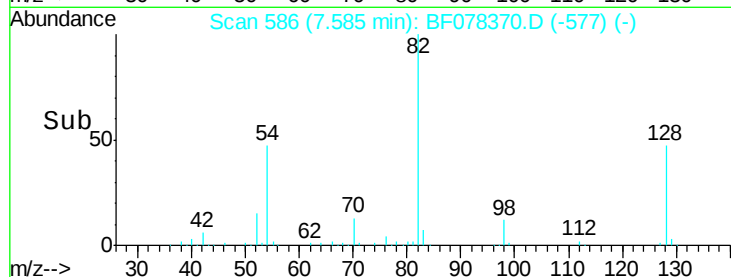
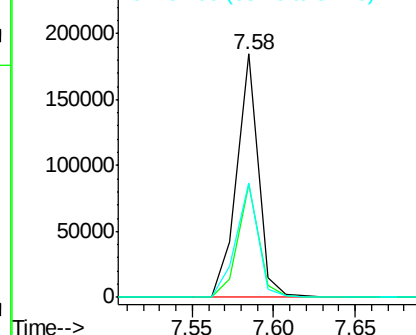
#23
 Nitrobenzene-d5
 Concen: 54.33 ng
 RT: 7.58 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF078370.D
 Acq: 9 Apr 2015 20:46

Instrument :
 BNA_F
 ClientSampleId :
 SB13(1)

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

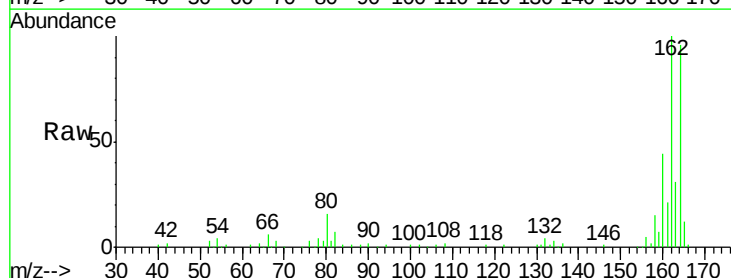


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

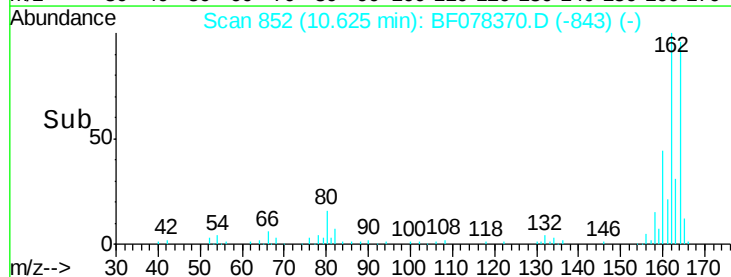
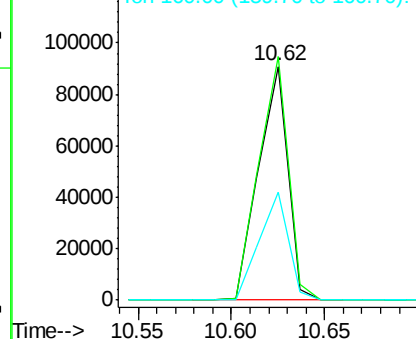


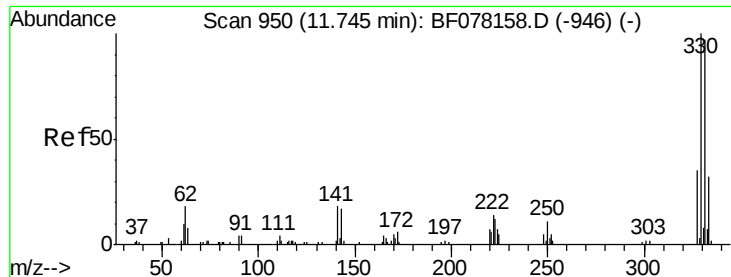
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF078370.D
 Acq: 9 Apr 2015 20:46

Tgt Ion: 164 Resp: 97982
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.2 123.2
 160 46.0 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

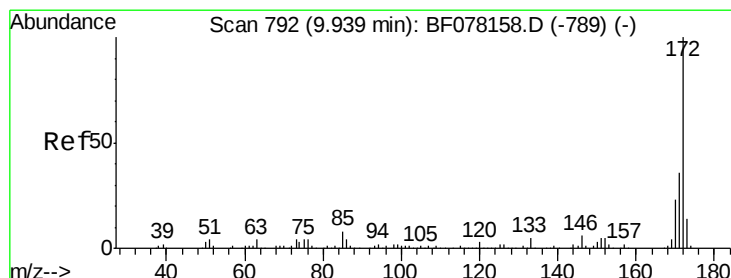
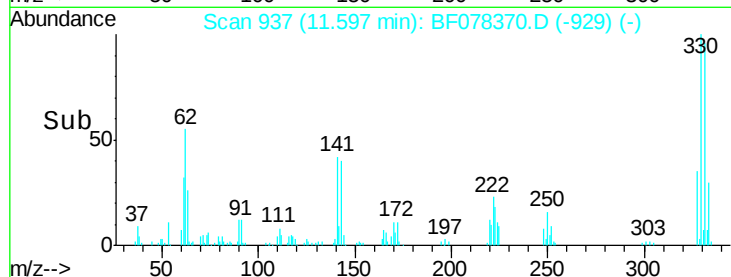
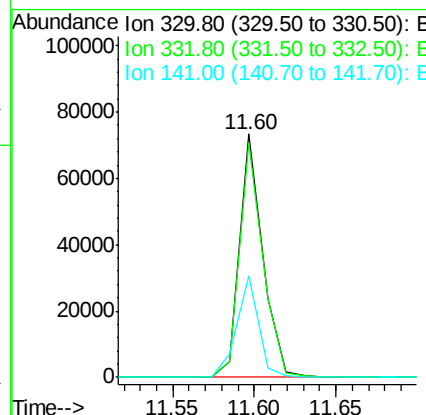
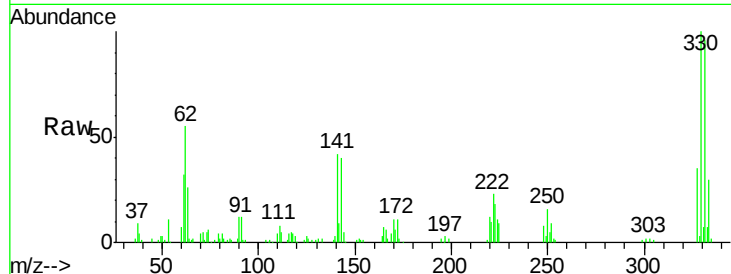




#41
 2,4,6-Tribromophenol
 Concen: 87.83 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF078370.D
 Acq: 9 Apr 2015 20:46

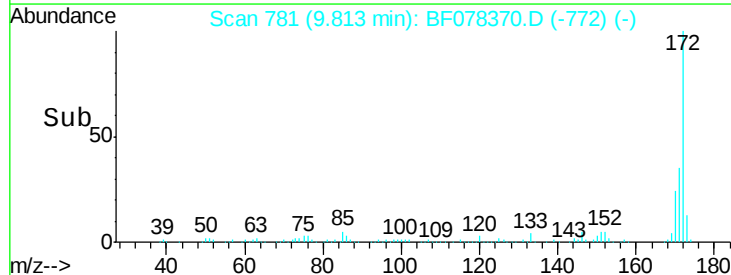
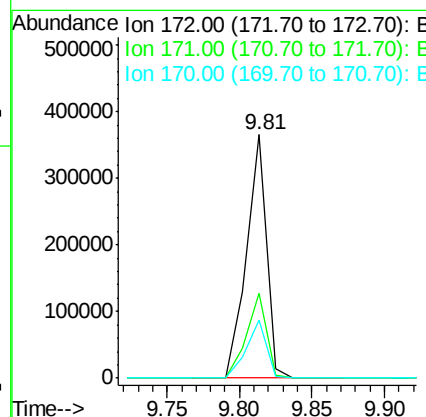
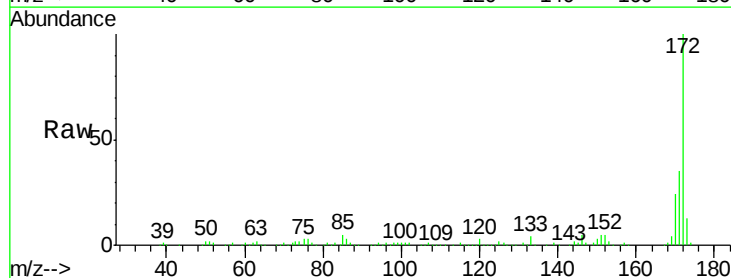
Instrument :
 BNA_F
 ClientSampleID :
 SB13(1)

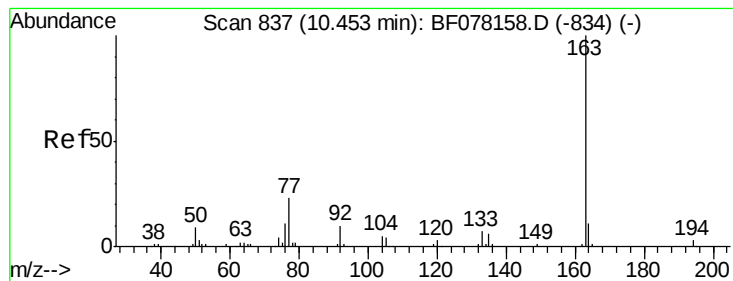
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	117.8
141	39.7	31.2	46.8



#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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.6	18.5	27.7





#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

Instrument :

BNA_F

ClientSampled :

SB13(1)

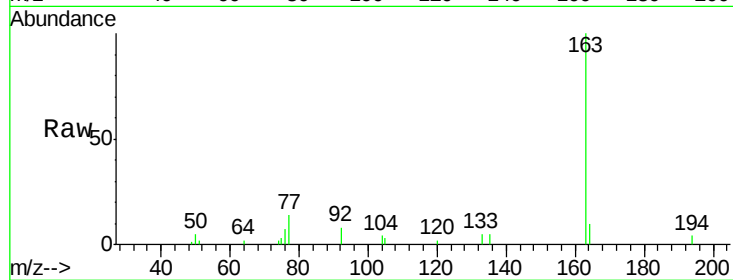
Tgt Ion:163 Resp: 23986

Ion Ratio Lower Upper

163 100

194 3.6 2.3 3.5#

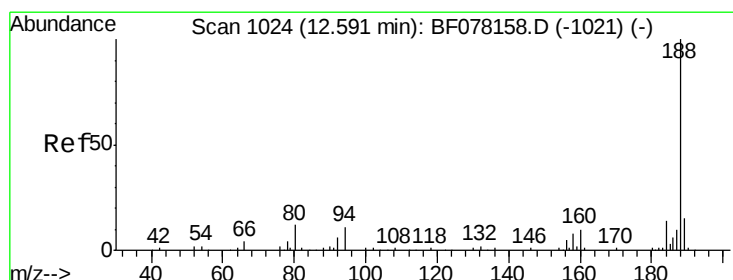
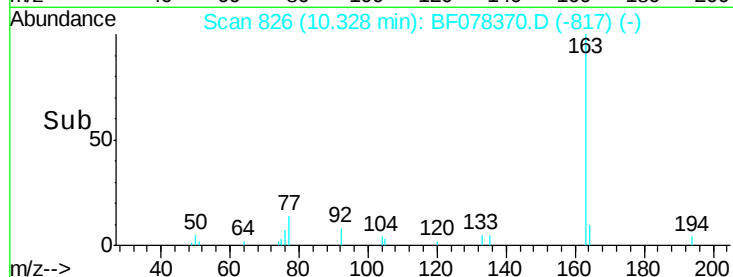
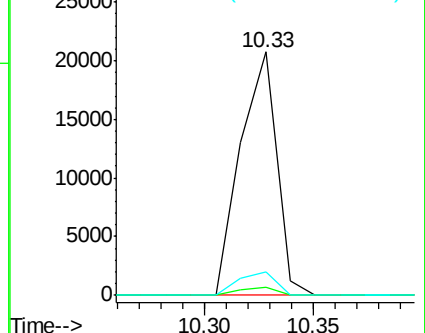
164 9.8 8.6 13.0



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

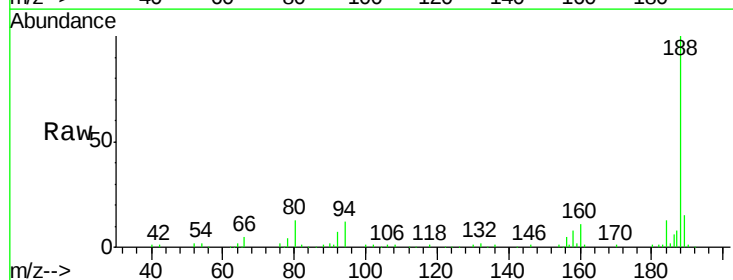
Tgt Ion:188 Resp: 191982

Ion Ratio Lower Upper

188 100

94 12.0 9.0 13.4

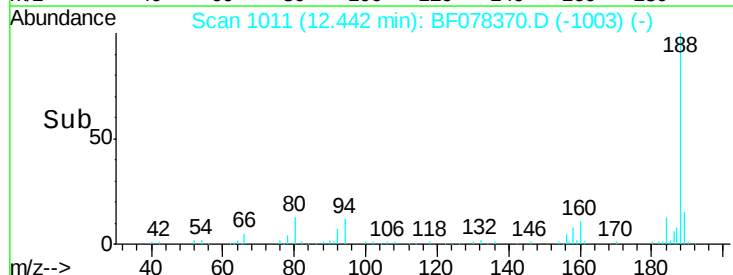
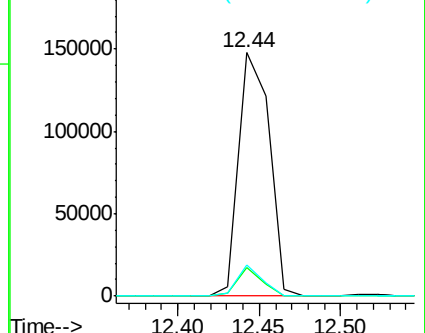
80 12.7 9.5 14.3

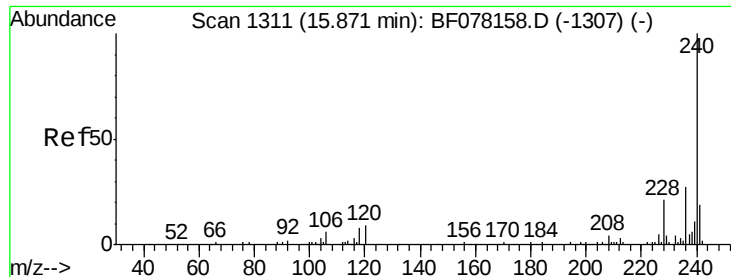


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

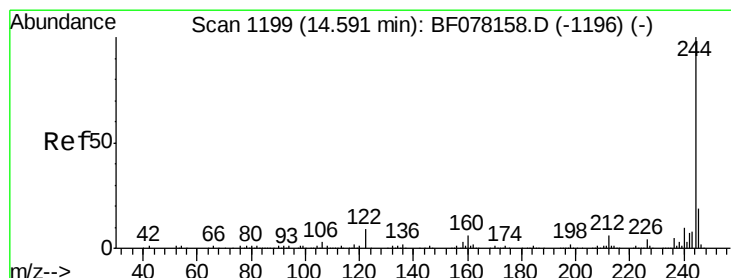
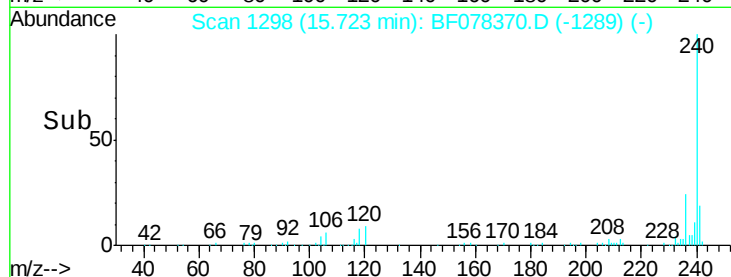
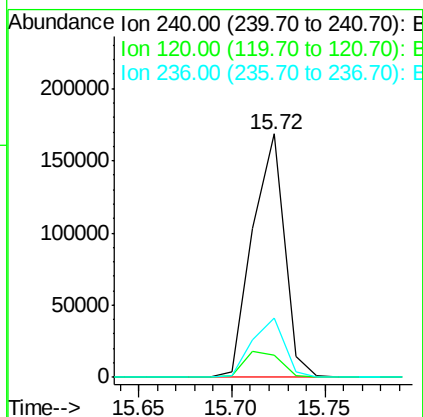
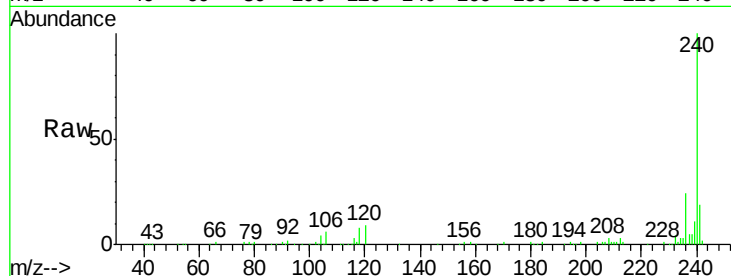




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF078370.D
Acq: 9 Apr 2015 20:46

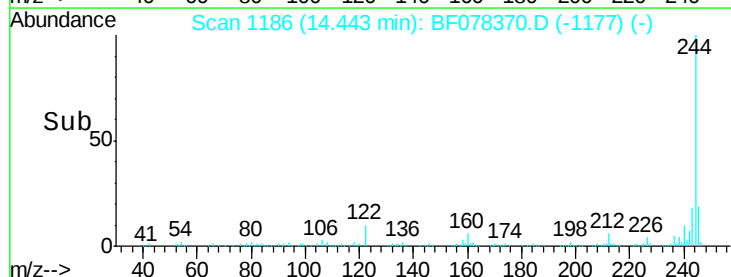
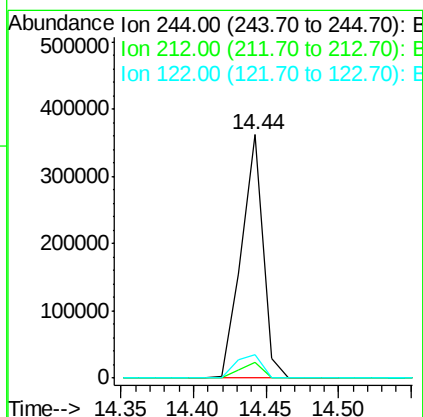
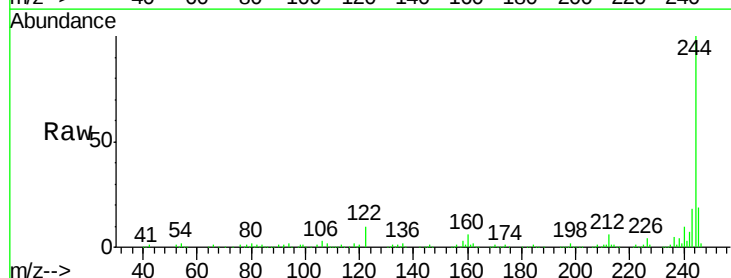
Instrument :
BNA_F
ClientSampleId :
SB13(1)

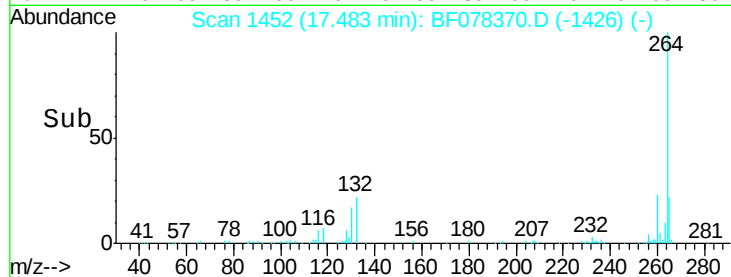
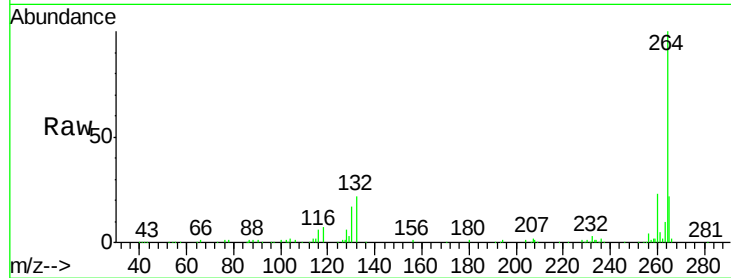
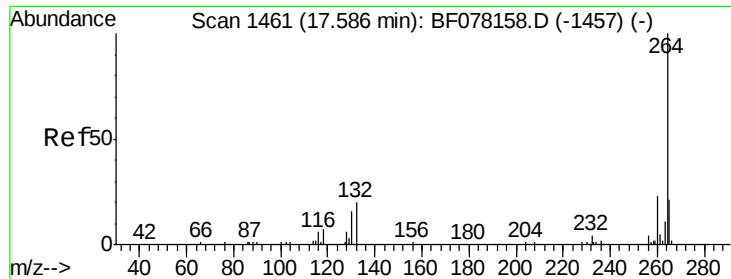
Tgt Ion:240 Resp: 200357
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 24.3 21.4 32.2



#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

Tgt Ion:244 Resp: 378182
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 9.8 7.1 10.7





#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

Instrument :

BNA_F

ClientSampleId :

SB13(1)

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

