

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078189.D
 Acq On : 2 Apr 2015 9:51
 Operator : TP/IZ
 Sample : G1702-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-1-2-1(1.5-2.0)

Quant Time: Apr 02 12:39:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 04:05:08 2015
 Response via : Initial Calibration

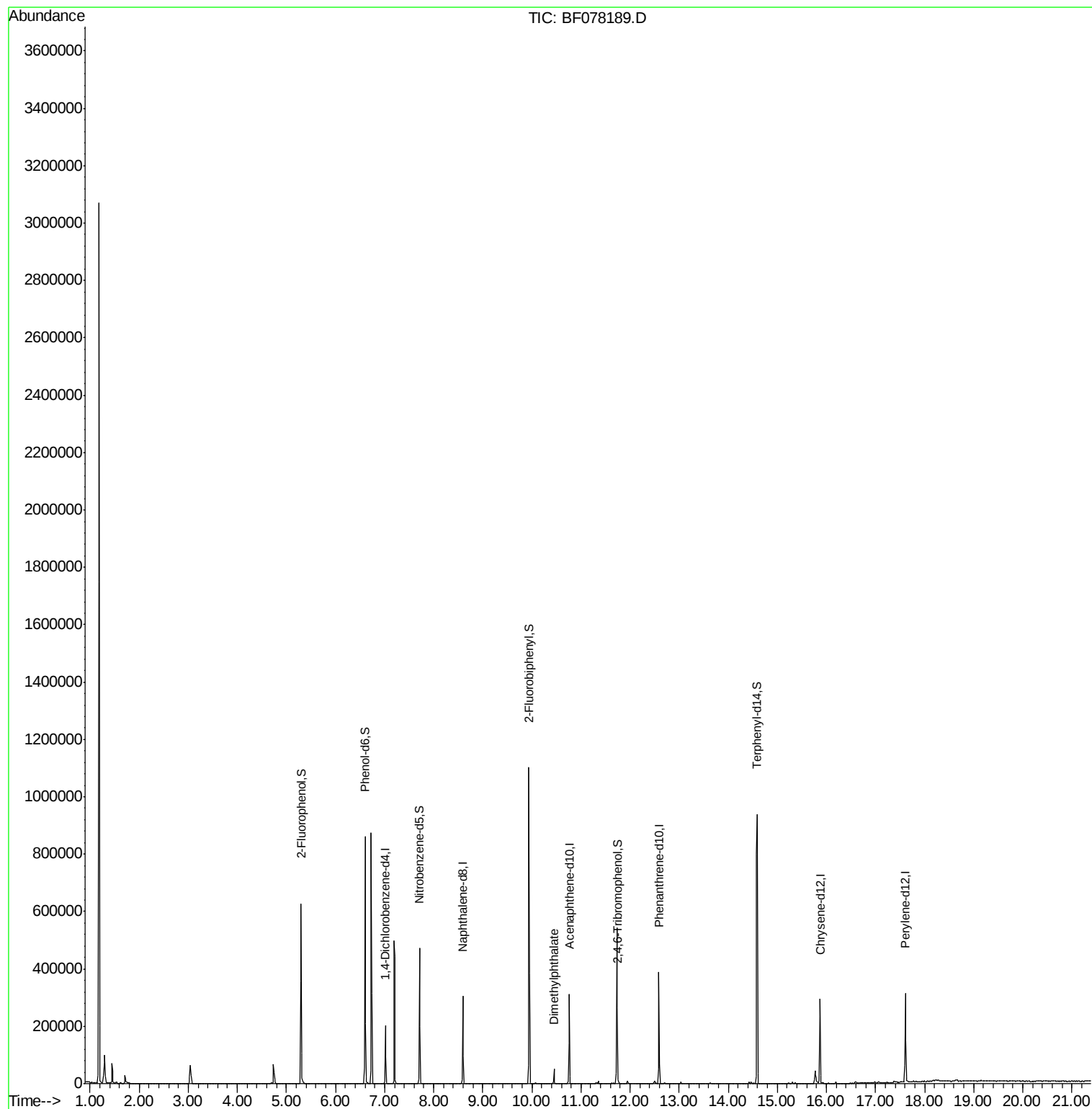
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	37179	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	148728	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	74189	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	148528	20.00	ng	0.00
75) Chrysene-d12	15.87	240	151466	20.00	ng	0.00
86) Perylene-d12	17.61	264	141777	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	238839	105.92	ng	0.00
7) Phenol-d6	6.60	99	307424	108.79	ng	0.00
23) Nitrobenzene-d5	7.71	82	172718	70.39	ng	0.00
41) 2,4,6-Tribromophenol	11.74	330	71768	116.64	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	386972	74.56	ng	0.00
78) Terphenyl-d14	14.59	244	450259	67.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.45	163	23259	4.17	ng	97
76) Benzidine	14.28	184	1733	Below Cal	#	66

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

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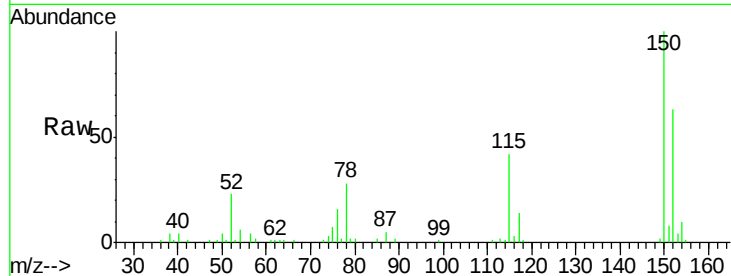


#1

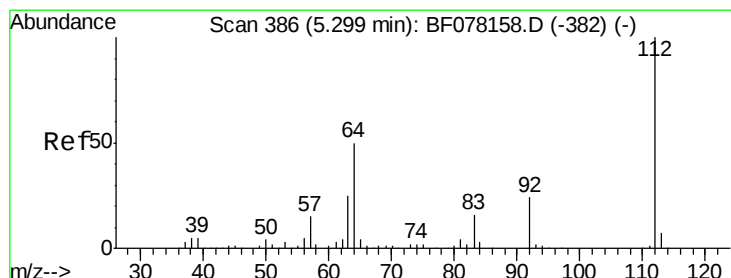
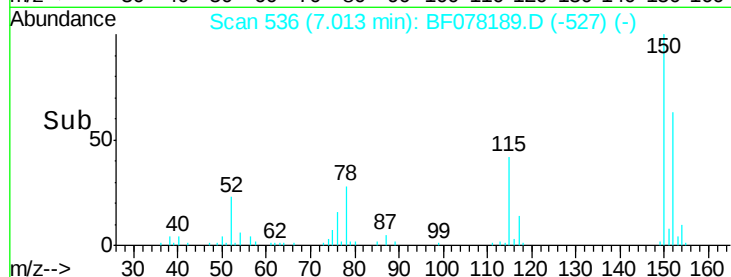
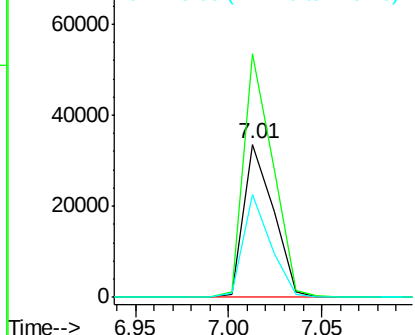
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF078189.D
Acq: 2 Apr 2015 9:51

Instrument :
BNA_F
ClientSampleId :
REC-1-2-1(1.5-2.0)

Tot Ion:152 Resp: 37179
Ion Ratio Lower Upper
152 100
150 159.0 125.9 188.9
115 66.8 52.7 79.1



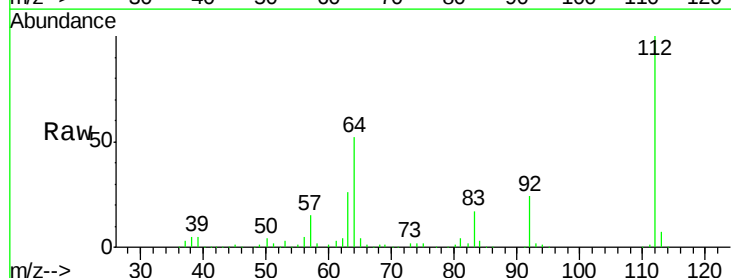
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



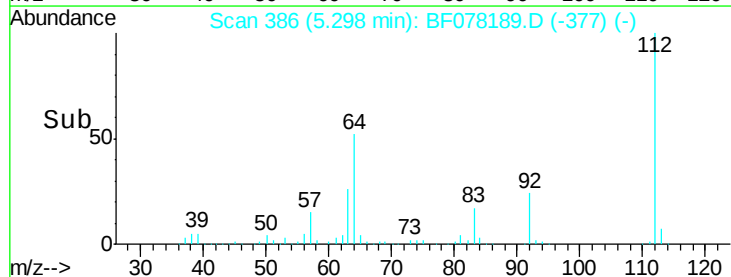
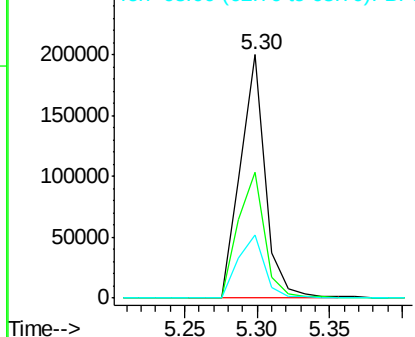
#5

2-Fluorophenol
Concen: 105.92 ng
RT: 5.30 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF078189.D
Acq: 2 Apr 2015 9:51

Tgt Ion:112 Resp: 238839
Ion Ratio Lower Upper
112 100
64 51.7 39.9 59.9
63 26.2 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: 108.79 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078189.D

Acq: 2 Apr 2015 9:51

Instrument :

BNA_F

ClientSampleId :

REC-1-2-1(1.5-2.0)

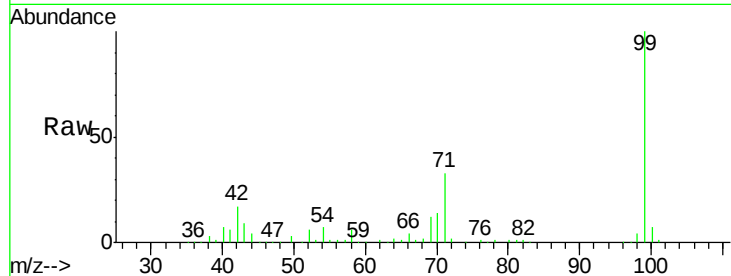
Tot Ion: 99 Resp: 307424

Ion Ratio Lower Upper

99 100

42 17.2 14.8 22.2

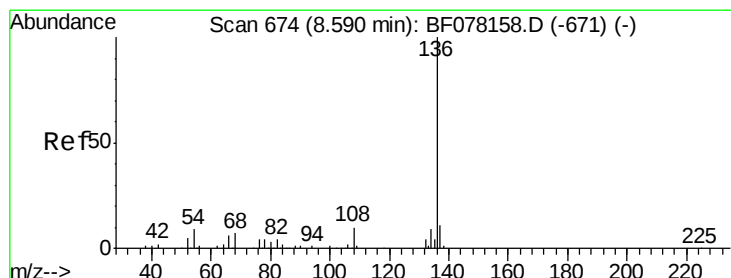
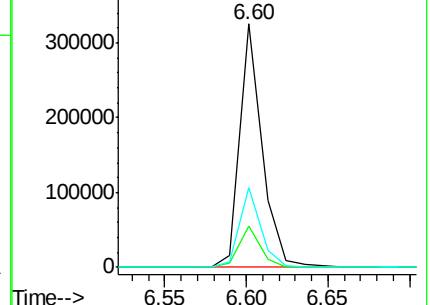
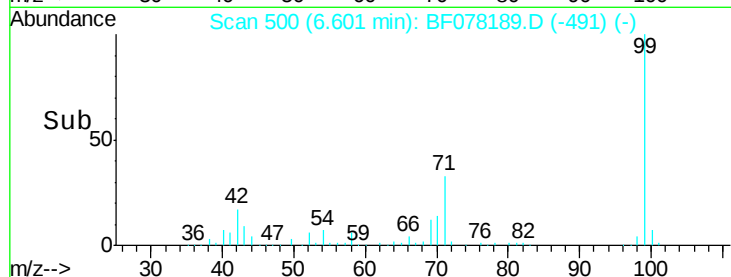
71 32.8 26.6 39.8



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: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF078189.D

Acq: 2 Apr 2015 9:51

Tgt Ion: 136 Resp: 148728

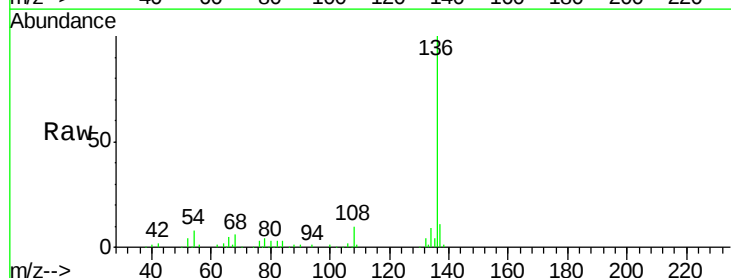
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 8.3 7.0 10.6

68 6.4 5.4 8.2

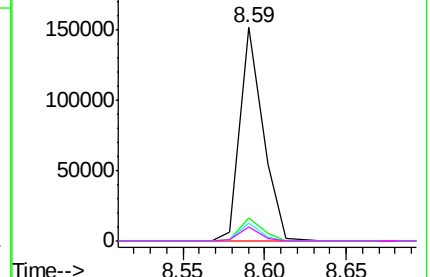
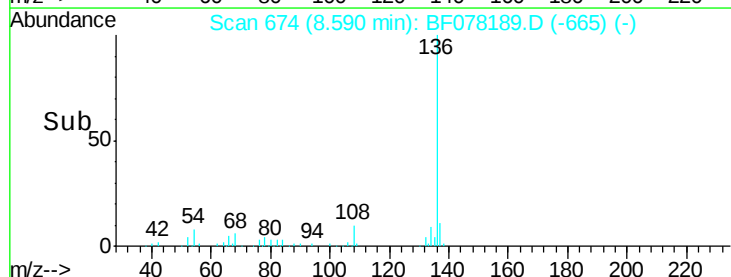


Abundance Ion 136.00 (135.70 to 136.70): BF078158.D (-671) (-)

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) (-)

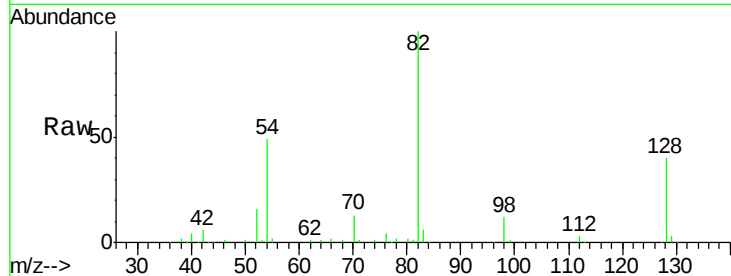




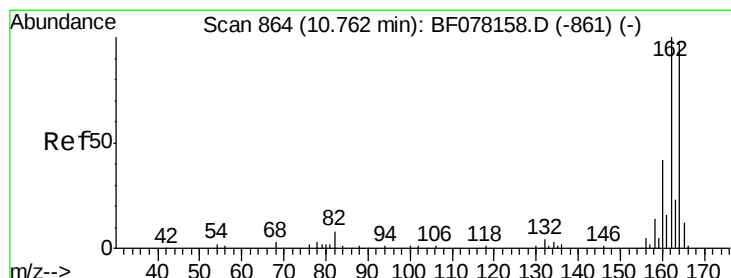
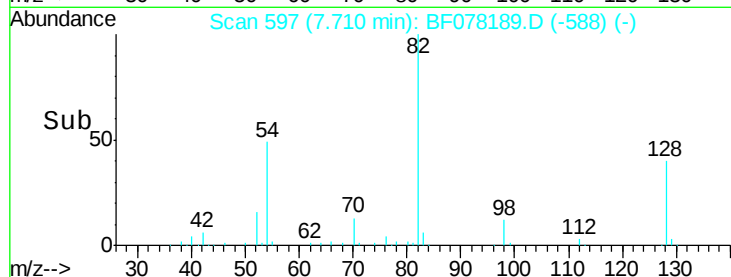
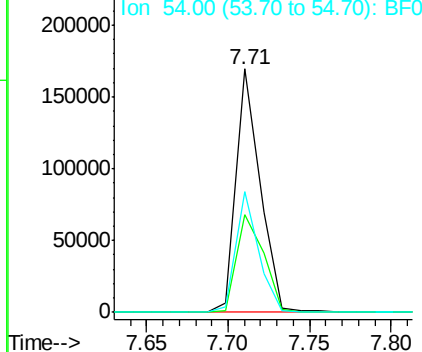
#23
Nitrobenzene-d5
Concen: 70.39 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF078189.D
Acq: 2 Apr 2015 9:51

Instrument :
BNA_F
ClientSampleId :
REC-1-2-1(1.5-2.0)

Tot Ion: 82 Resp: 172718
Ion Ratio Lower Upper
82 100
128 39.9 31.8 47.8
54 49.5 41.5 62.3

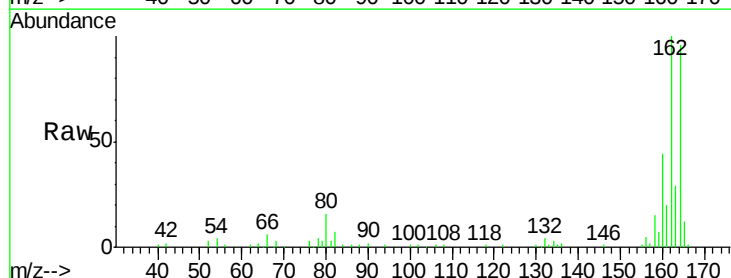


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

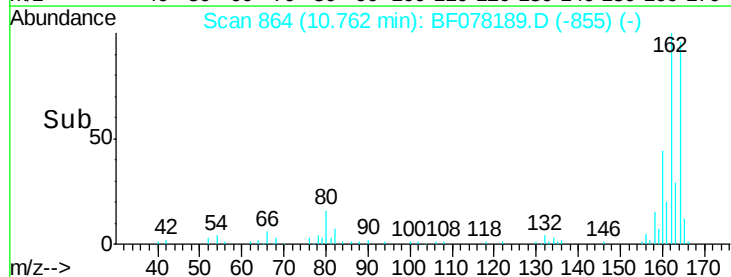
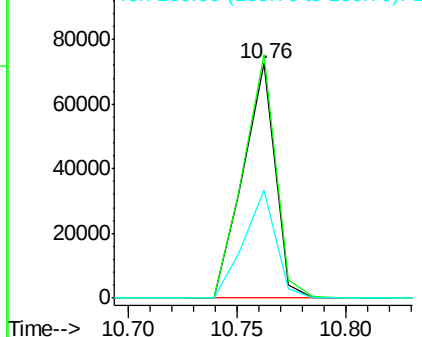


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF078189.D
Acq: 2 Apr 2015 9:51

Tgt Ion:164 Resp: 74189
Ion Ratio Lower Upper
164 100
162 104.0 82.2 123.2
160 46.2 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

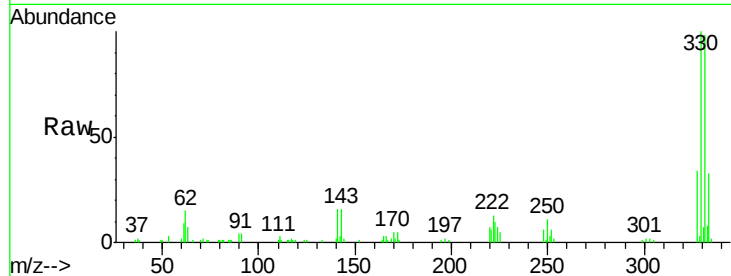




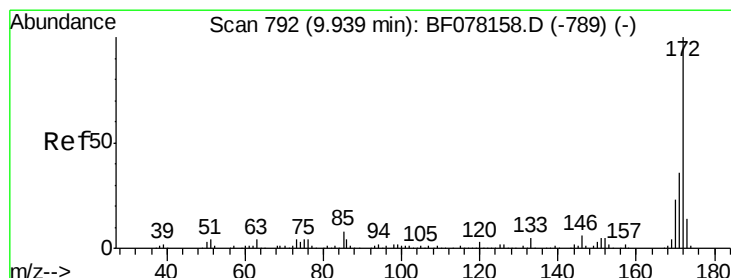
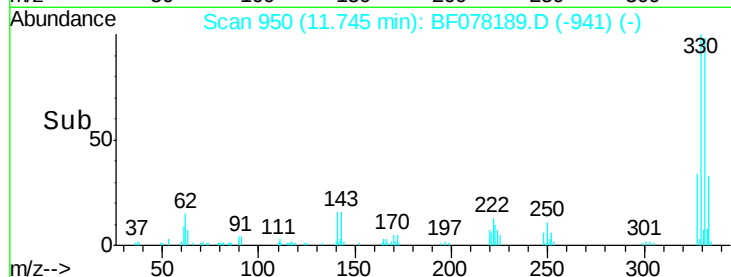
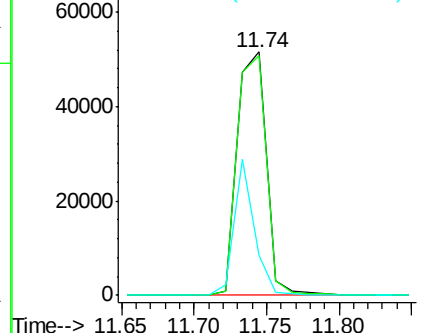
#41
 2,4,6-Tribromophenol
 Concen: 116.64 ng
 RT: 11.74 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF078189.D
 Acq: 2 Apr 2015 9:51

Instrument :
 BNA_F
 ClientSampleId :
 REC-1-2-1(1.5-2.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	78.6	117.8
141	38.8	31.2	46.8

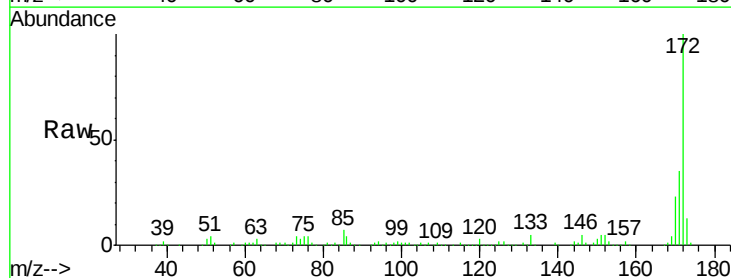


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

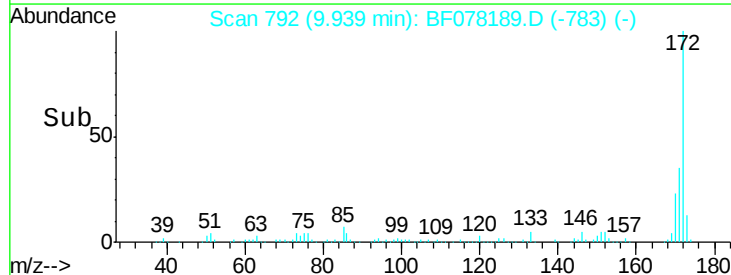
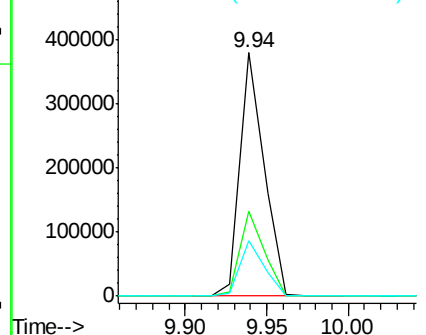


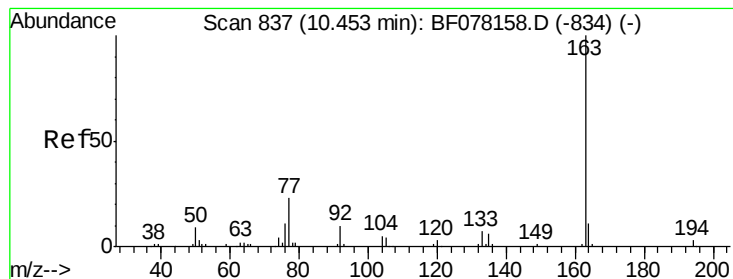
#44
 2-Fluorobiphenyl
 Concen: 74.56 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF078189.D
 Acq: 2 Apr 2015 9:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	22.8	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: 4.17 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF078189.D

Acq: 2 Apr 2015 9:51

Instrument :

BNA_F

ClientSampleId :

REC-1-2-1(1.5-2.0)

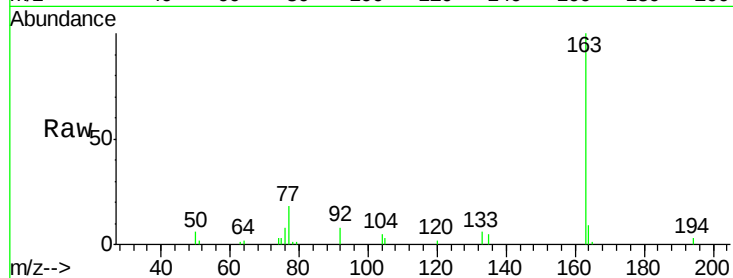
Tot Ion:163 Resp: 23259

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

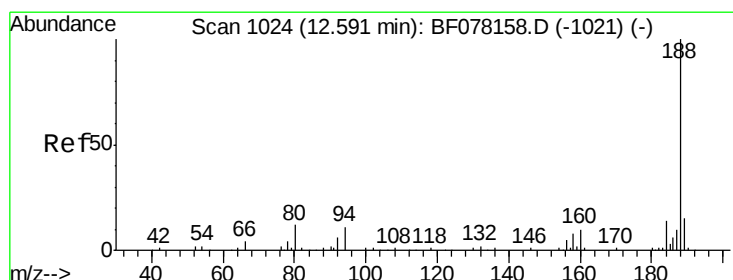
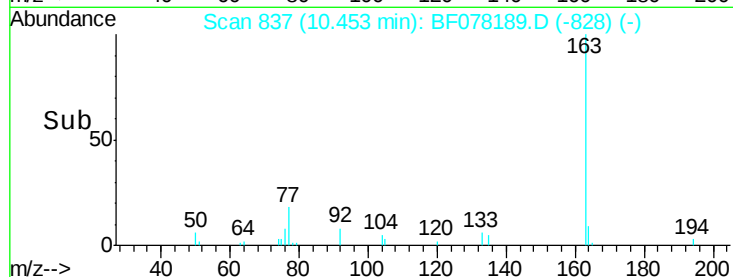
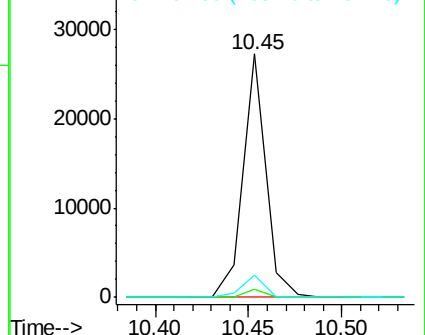
164 9.2 8.6 13.0



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: BF078189.D

Acq: 2 Apr 2015 9:51

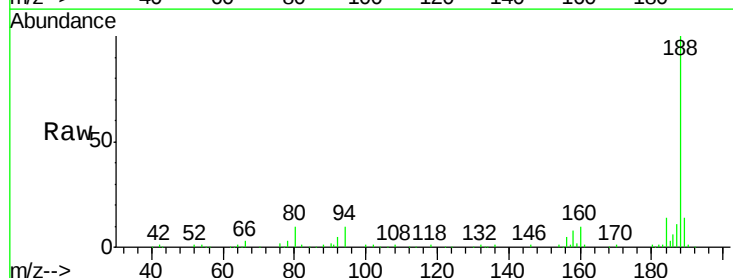
Tgt Ion:188 Resp: 148528

Ion Ratio Lower Upper

188 100

94 10.0 9.0 13.4

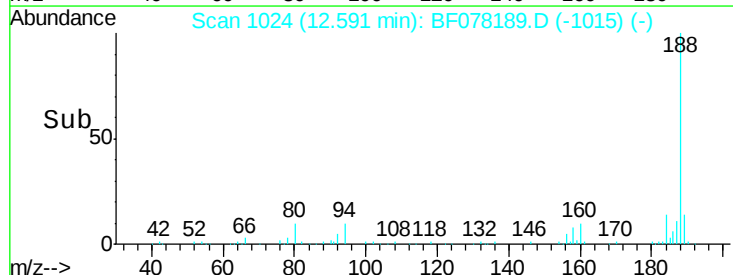
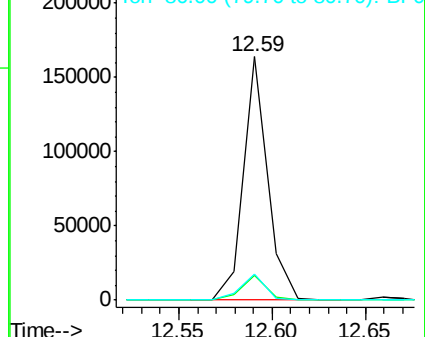
80 10.5 9.5 14.3

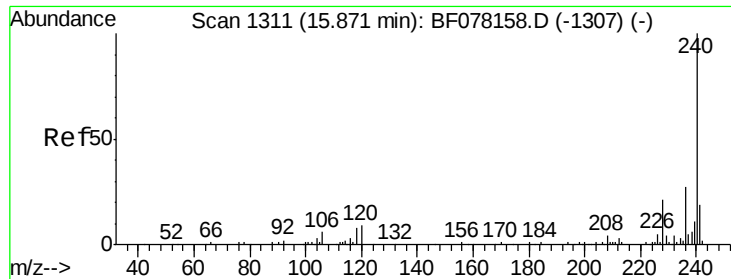


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

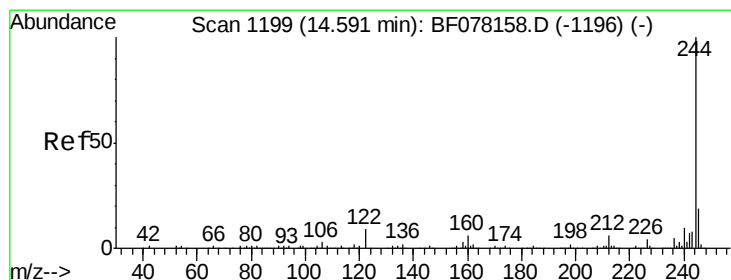
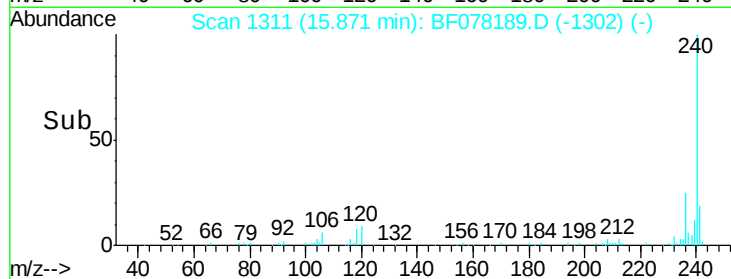
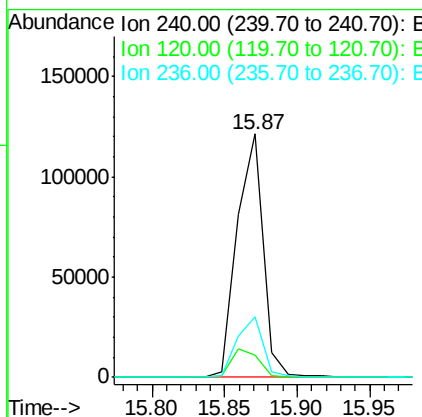
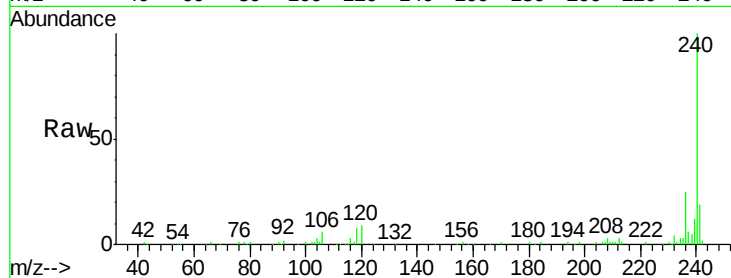




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF078189.D
 Acq: 2 Apr 2015 9:51

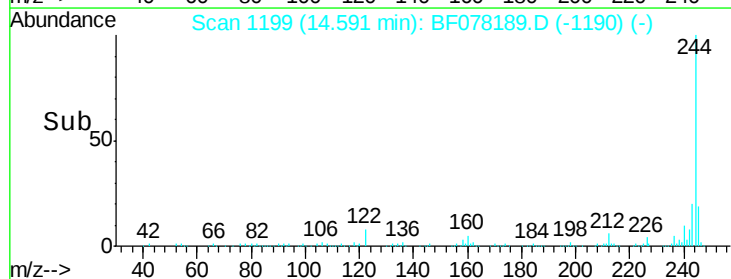
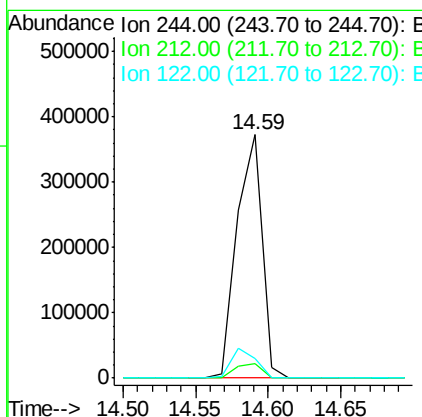
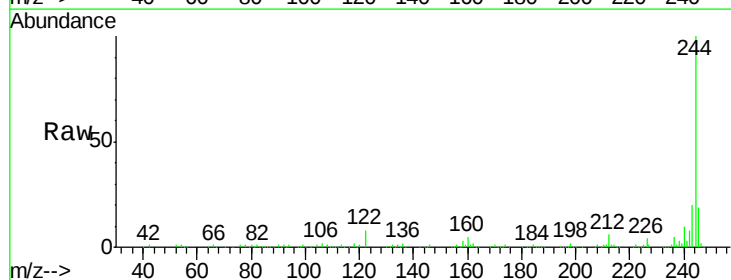
Instrument :
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 ClientSampleId :
 REC-1-2-1(1.5-2.0)

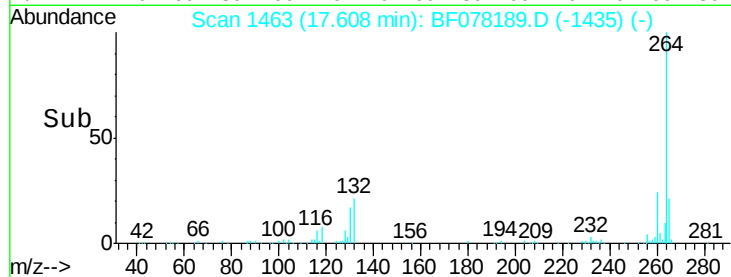
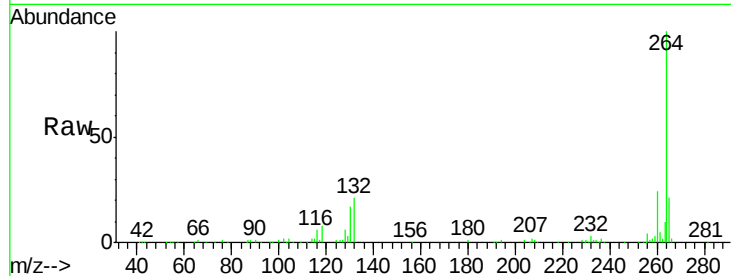
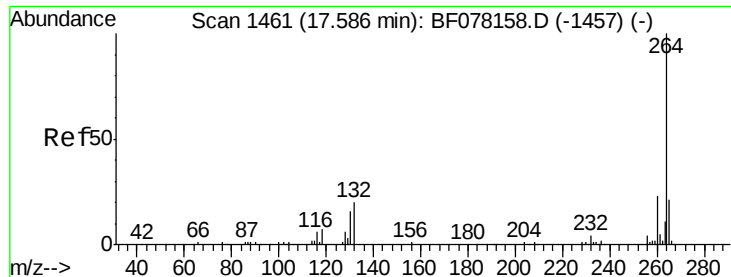
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.1	10.7
236	24.8	21.4	32.2



#78
 Terphenyl-d14
 Concen: 67.17 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF078189.D
 Acq: 2 Apr 2015 9:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	8.1	7.1	10.7





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.61 min Scan# 1463
 Delta R.T. 0.02 min
 Lab File: BF078189.D
 Acq: 2 Apr 2015 9:51

Instrument :
 BNA_F
 ClientSampleId :
 REC-1-2-1(1.5-2.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.1	17.0	25.6

