

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033115\
 Data File : BF078117.D
 Acq On : 31 Mar 2015 16:42
 Operator : TP/IZ
 Sample : G1704-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)

Quant Time: Apr 01 00:20:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

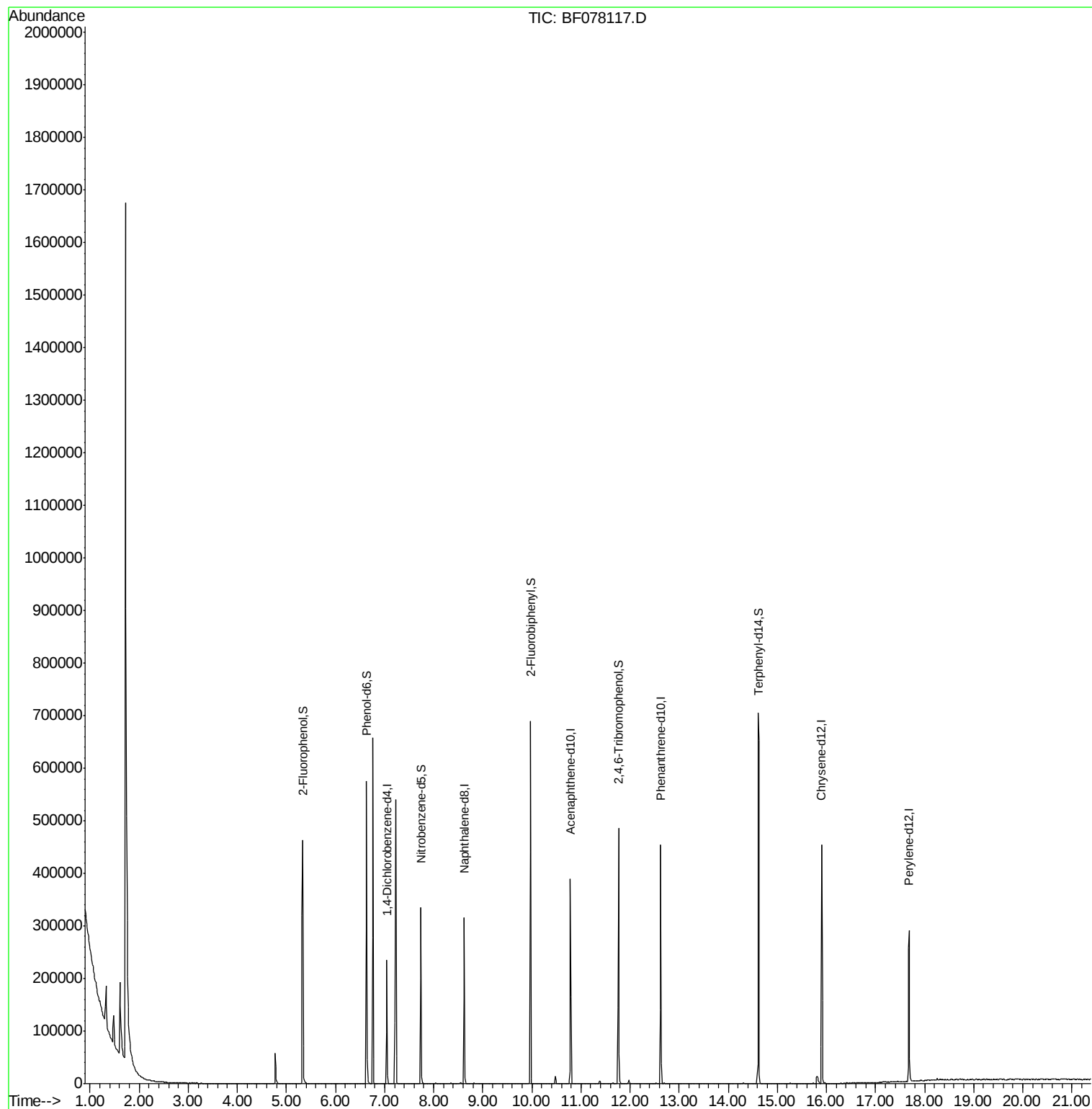
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	42685	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	175264	20.00	ng	0.00
38) Acenaphthene-d10	10.78	164	89436	20.00	ng	0.00
63) Phenanthrene-d10	12.62	188	183653	20.00	ng	0.00
75) Chrysene-d12	15.91	240	186133	20.00	ng	0.01
86) Perylene-d12	17.69	264	163854	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	188037	76.89	ng	0.00
7) Phenol-d6	6.64	99	249442	82.56	ng	0.00
23) Nitrobenzene-d5	7.74	82	135262	50.59	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	59843	69.93	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	290635	47.76	ng	0.00
78) Terphenyl-d14	14.63	244	358739	47.08	ng	0.01
Target Compounds						
76) Benzidine	14.32	184	1059	Below Cal	Qvalue #	68

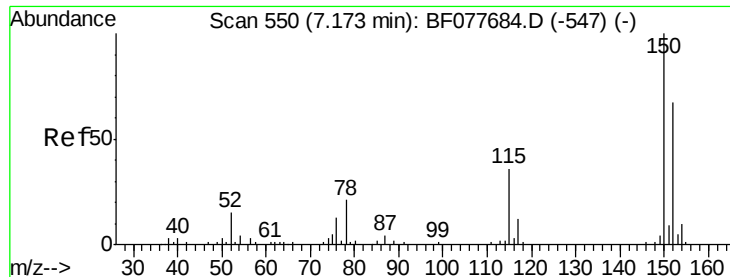
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF078117.D

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Instrument :

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ClientSampleId :

S-11(0-10)

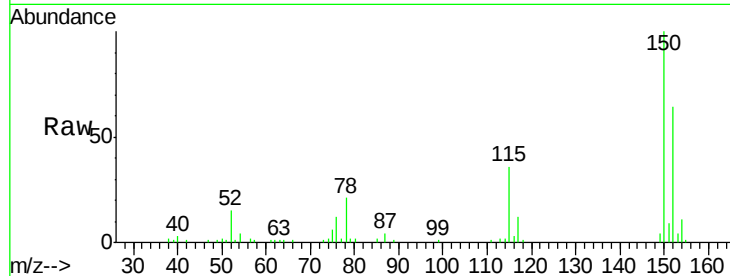
Tgt Ion:152 Resp: 42685

Ion Ratio Lower Upper

152 100

150 155.6 119.5 179.3

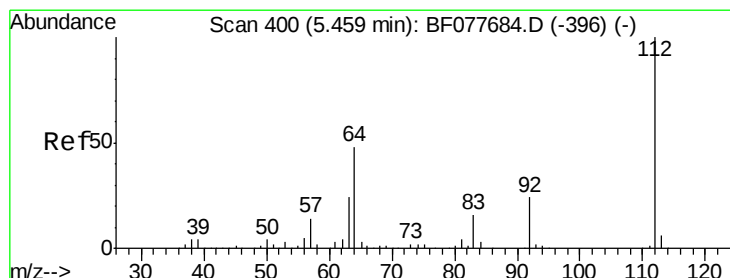
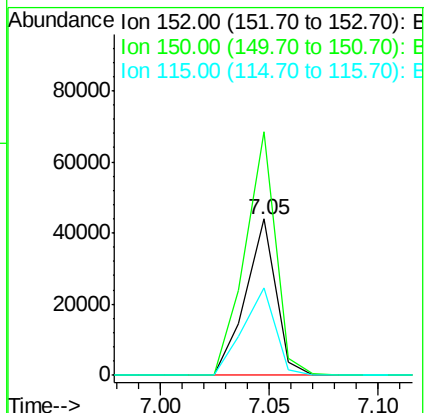
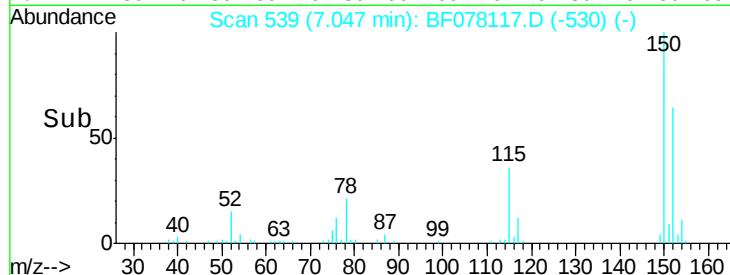
115 56.0 43.0 64.4



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: 76.89 ng

RT: 5.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF078117.D

Acq: 31 Mar 2015 16:42

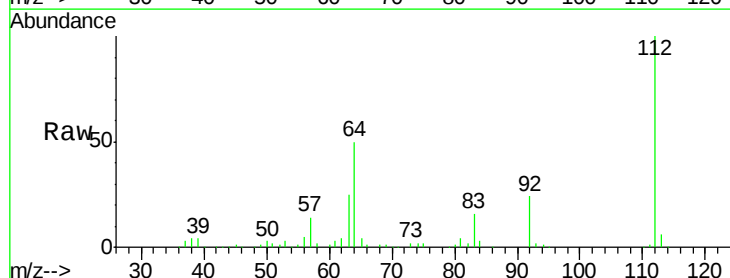
Tgt Ion:112 Resp: 188037

Ion Ratio Lower Upper

112 100

64 50.0 38.6 57.8

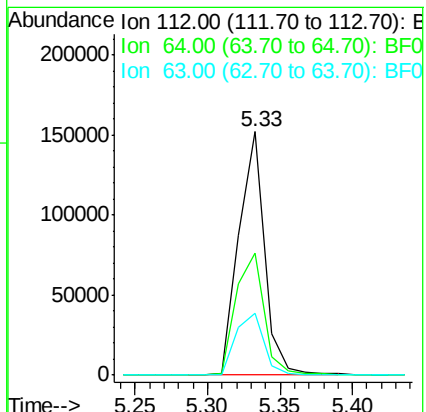
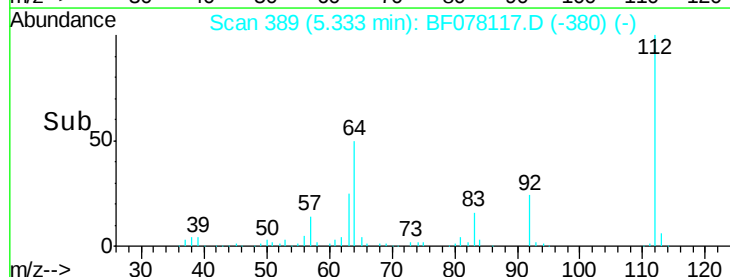
63 25.3 19.3 28.9



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: 82.56 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078117.D

Acq: 31 Mar 2015 16:42

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)

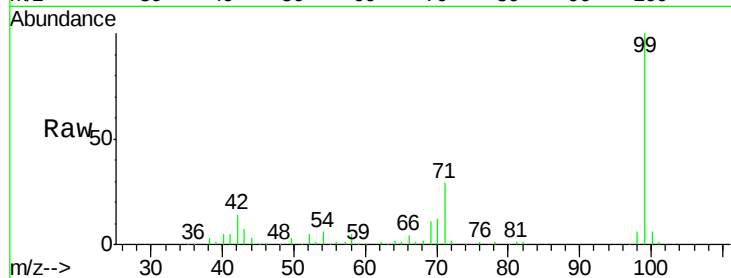
Tgt Ion: 99 Resp: 249442

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.4

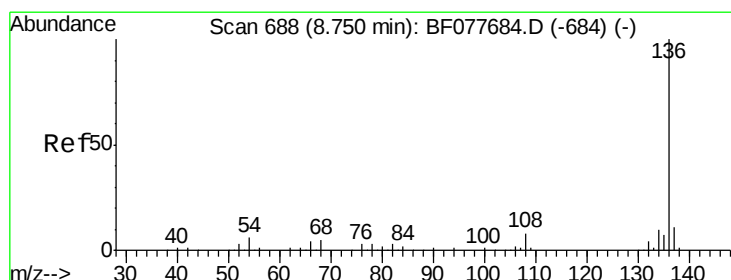
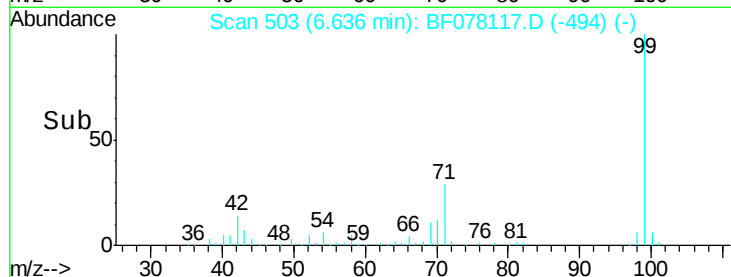
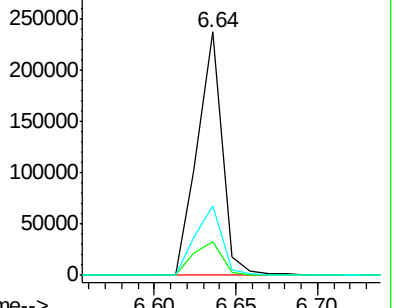
71 28.8 23.4 35.2



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: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078117.D

Acq: 31 Mar 2015 16:42

Tgt Ion: 136 Resp: 175264

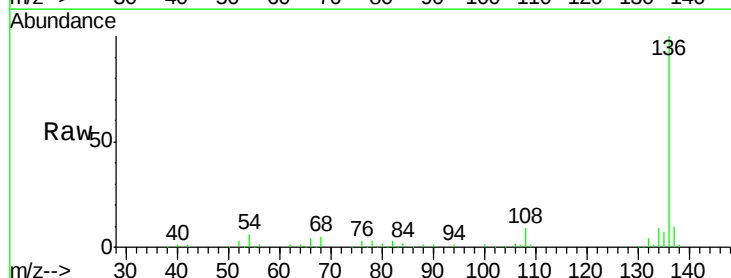
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.8 4.6 6.8

68 4.5 3.7 5.5

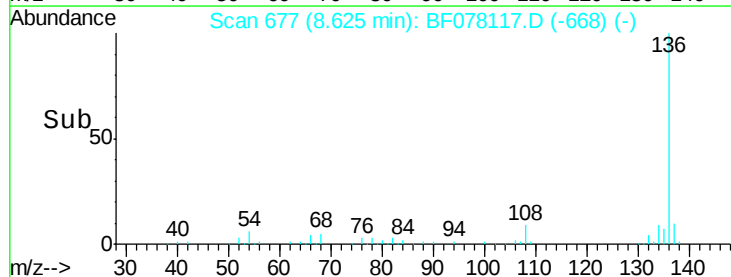
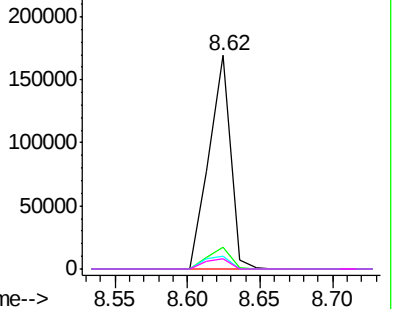


Abundance Ion 136.00 (135.70 to 136.70): E

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

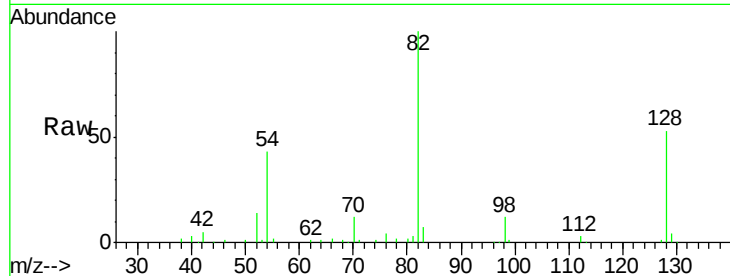




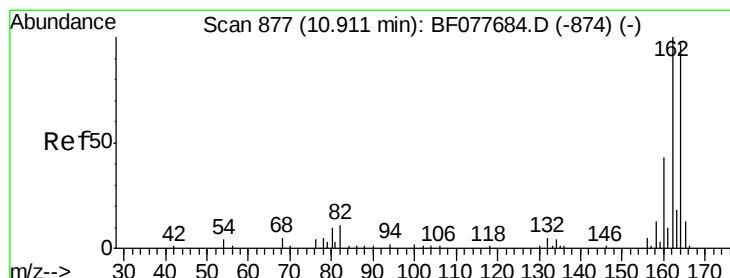
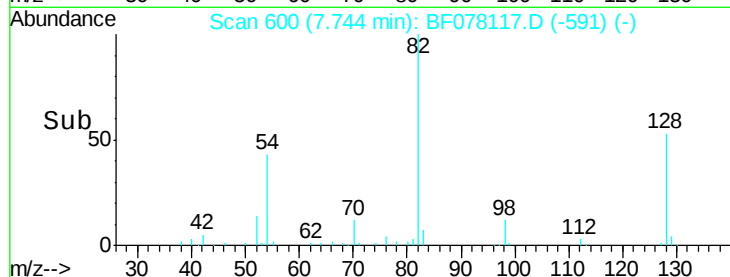
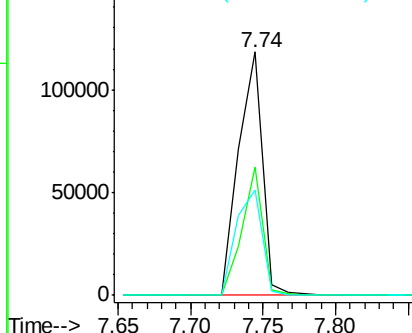
#23
 Nitrobenzene-d5
 Concen: 50.59 ng
 RT: 7.74 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078117.D
 Acq: 31 Mar 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)

Tgt Ion: 82 Resp: 135262
 Ion Ratio Lower Upper
 82 100
 128 52.5 32.8 49.2#
 54 43.1 40.6 60.8

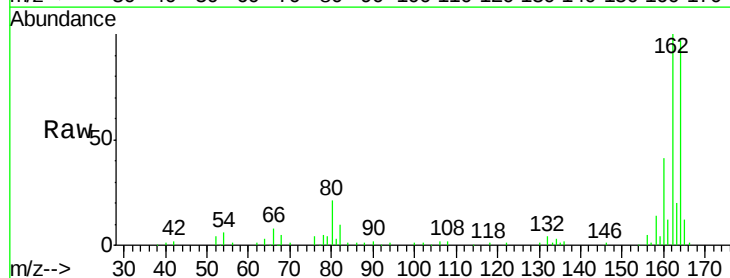


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

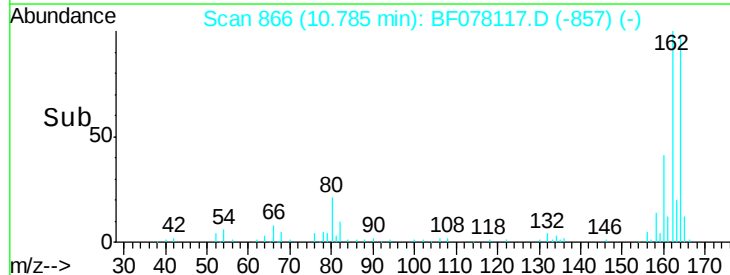
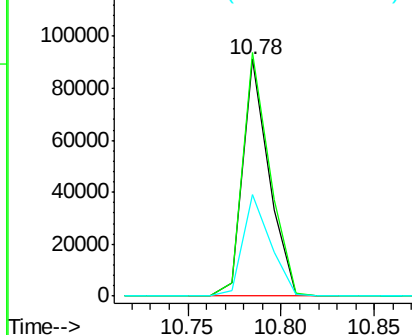


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.78 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: BF078117.D
 Acq: 31 Mar 2015 16:42

Tgt Ion: 164 Resp: 89436
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.4 123.6
 160 42.6 35.8 53.6



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

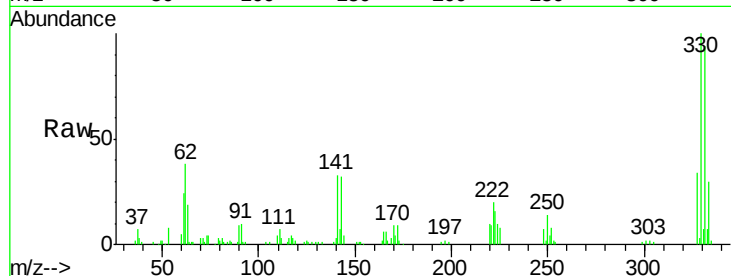




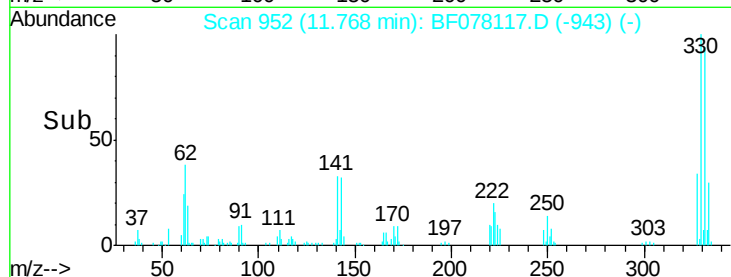
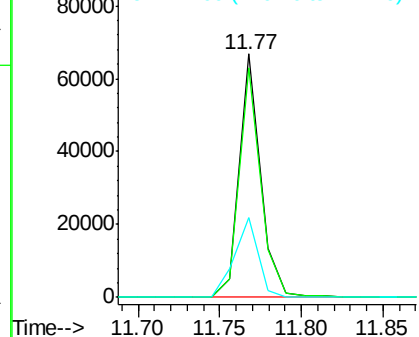
#41
 2,4,6-Tribromophenol
 Concen: 69.93 ng
 RT: 11.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF078117.D
 Acq: 31 Mar 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	36.3	0.0	0.0#

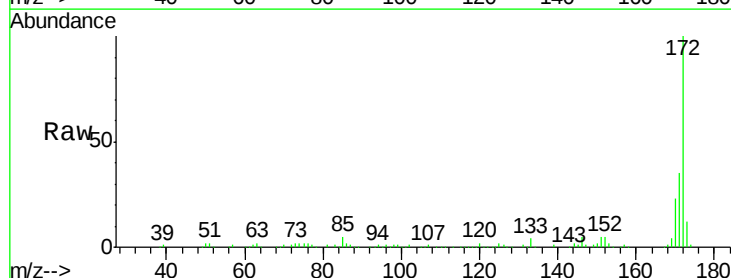


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

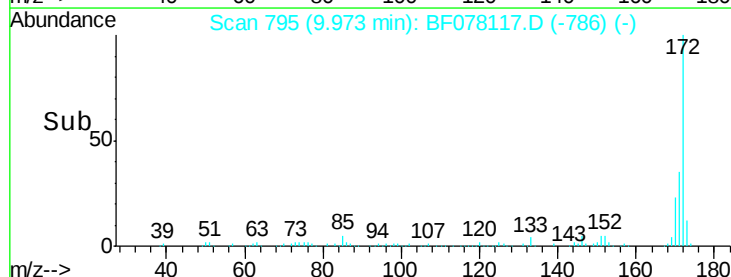
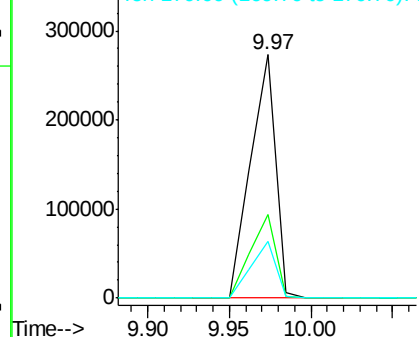


#44
 2-Fluorobiphenyl
 Concen: 47.76 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078117.D
 Acq: 31 Mar 2015 16:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.1	18.8	28.2



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

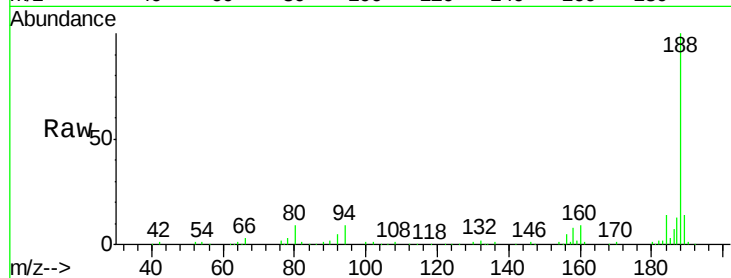




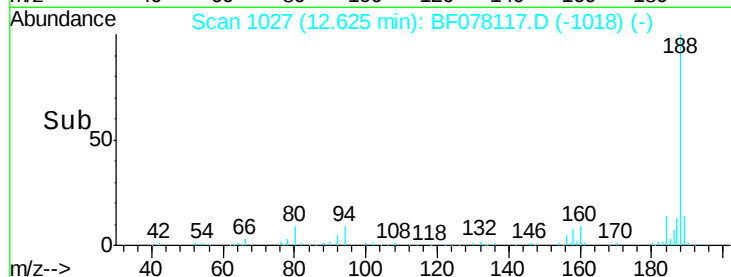
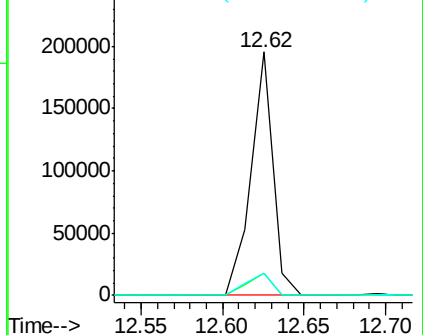
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078117.D
Acq: 31 Mar 2015 16:42

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)

Tgt Ion:188 Resp: 183653
Ion Ratio Lower Upper
188 100
94 8.9 8.7 13.1
80 9.2 9.3 13.9#

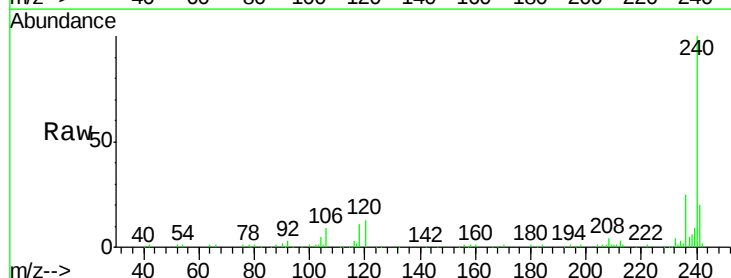


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

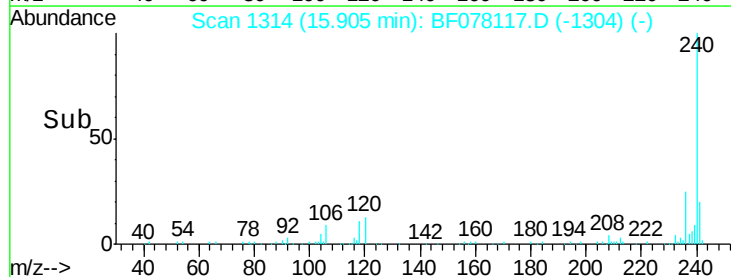
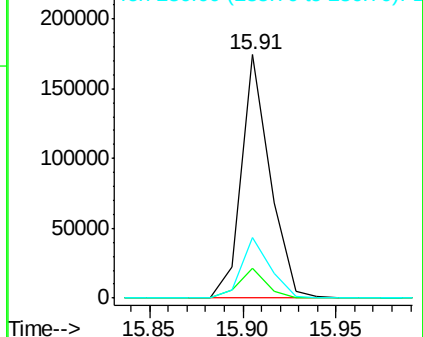


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF078117.D
Acq: 31 Mar 2015 16:42

Tgt Ion:240 Resp: 186133
Ion Ratio Lower Upper
240 100
120 12.5 8.2 12.2#
236 25.0 20.0 30.0



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

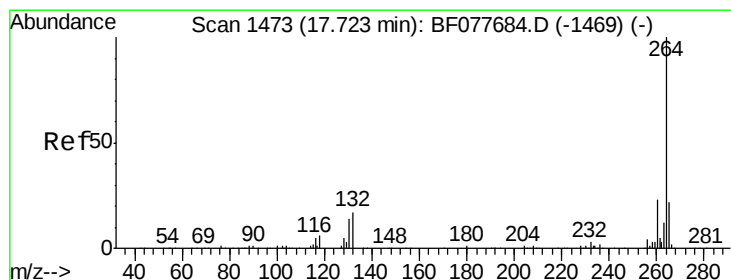
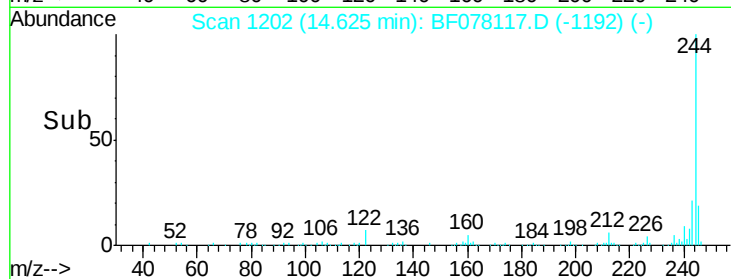
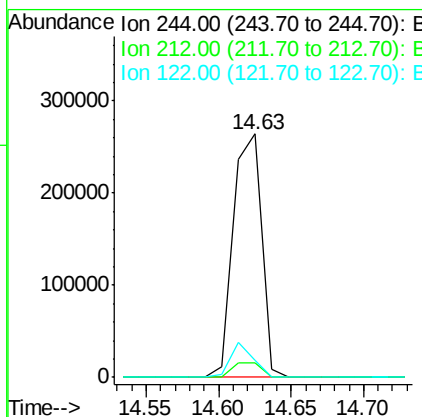
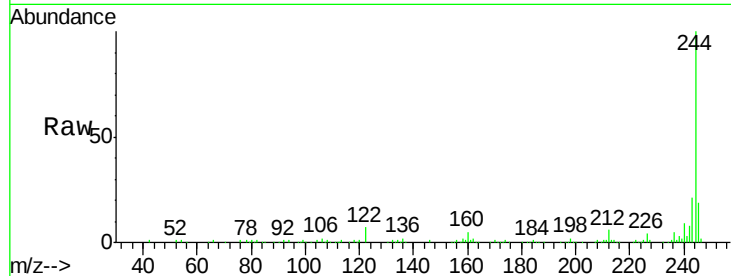




#78
 Terphenyl-d14
 Concen: 47.08 ng
 RT: 14.63 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF078117.D
 Acq: 31 Mar 2015 16:42

Instrument :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.8	4.9	7.3
122	7.3	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.69 min Scan# 1470
 Delta R.T. 0.08 min
 Lab File: BF078117.D
 Acq: 31 Mar 2015 16:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.0	17.3	25.9

