

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031215\
 Data File : BF077733.D
 Acq On : 12 Mar 2015 18:27
 Operator : TP/IZ
 Sample : G1509-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-Z2-2015-1

Quant Time: Mar 13 00:11:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 00:57:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	49507	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	207183	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	106005	20.00	ng	-0.01
63) Phenanthrene-d10	12.75	188	208723	20.00	ng	-0.01
75) Chrysene-d12	16.04	240	211445	20.00	ng	-0.13
86) Perylene-d12	17.86	264	201934	20.00	ng	-0.33
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	143239	50.50	ng	0.00
7) Phenol-d6	6.74	99	101637	29.00	ng	0.00
23) Nitrobenzene-d5	7.86	82	271039	85.75	ng	-0.01
41) 2,4,6-Tribromophenol	11.89	330	118755	117.09	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	617593	85.62	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	

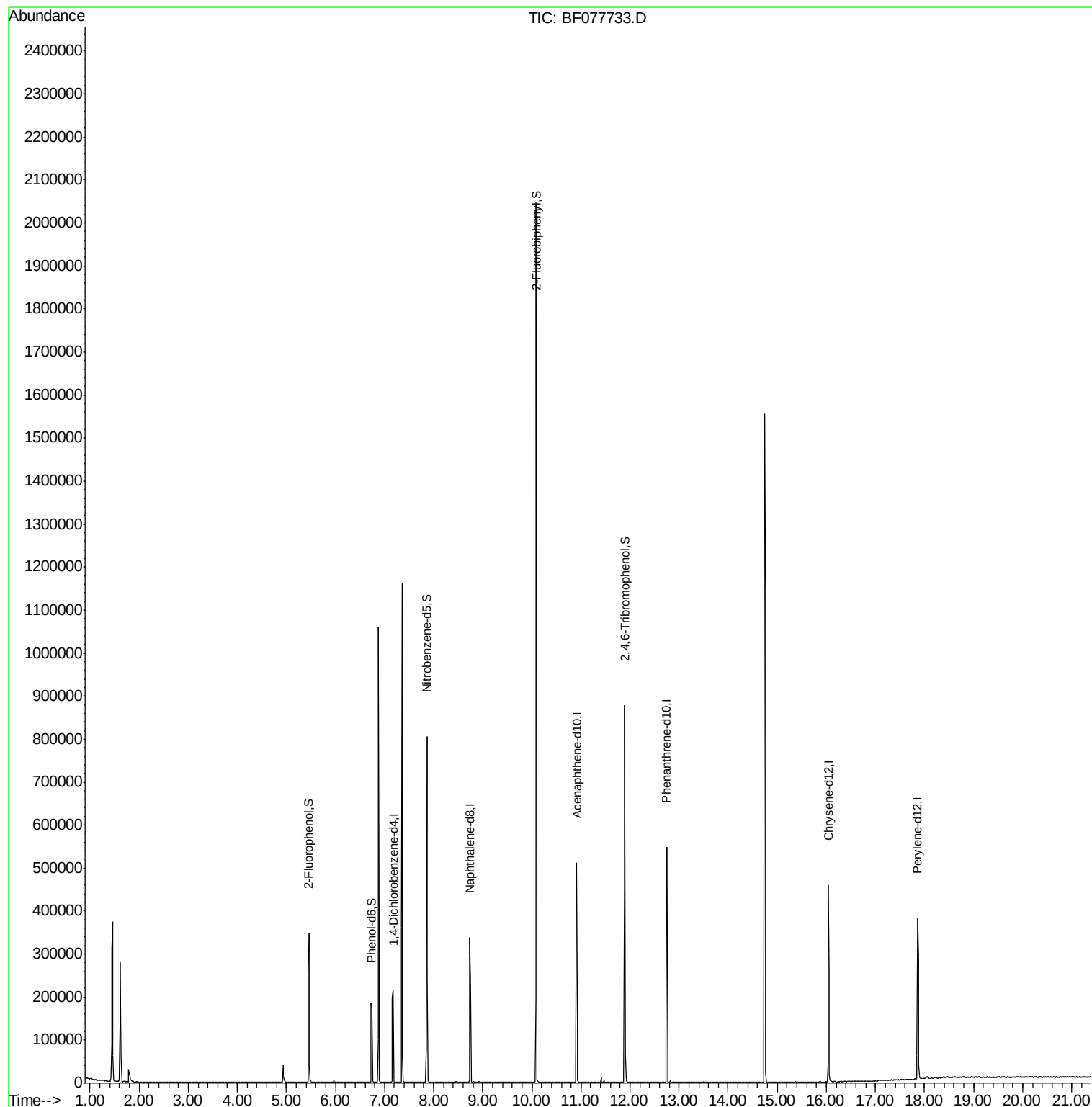
Target Compounds Qvalue

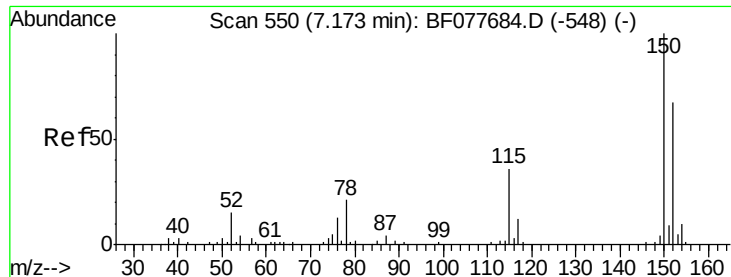
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF077733.D

Acq: 12 Mar 2015 18:27

Instrument :

BNA_F

ClientSampleId :

EB-Z2-2015-1

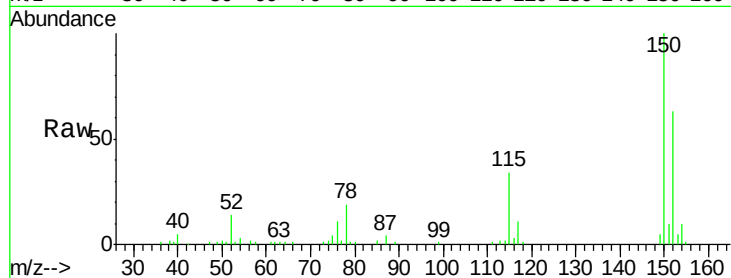
Tgt Ion:152 Resp: 49507

Ion Ratio Lower Upper

152 100

150 158.8 119.5 179.3

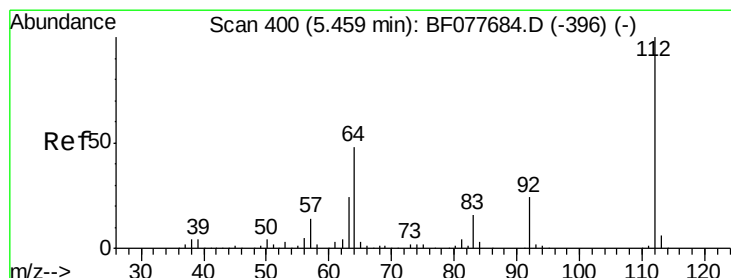
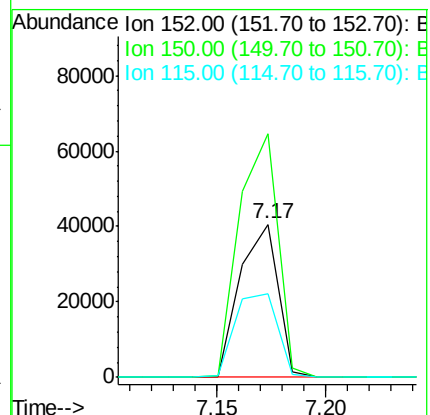
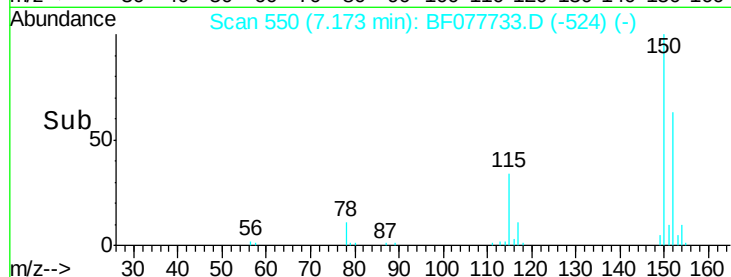
115 54.6 43.0 64.4



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: 50.50 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077733.D

Acq: 12 Mar 2015 18:27

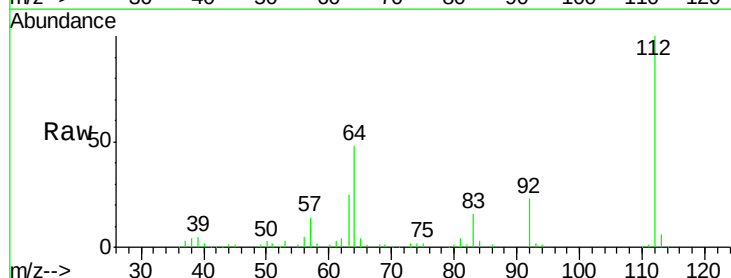
Tgt Ion:112 Resp: 143239

Ion Ratio Lower Upper

112 100

64 48.2 38.6 57.8

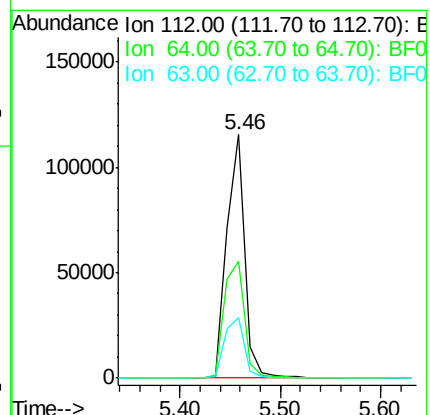
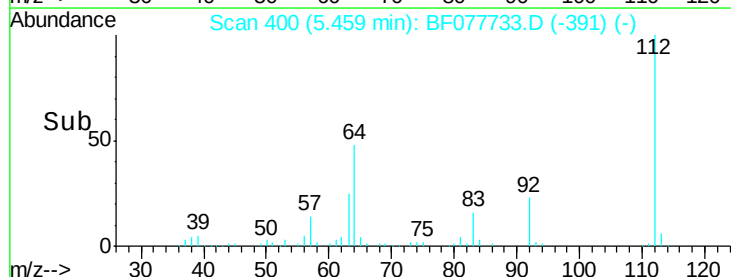
63 24.8 19.3 28.9

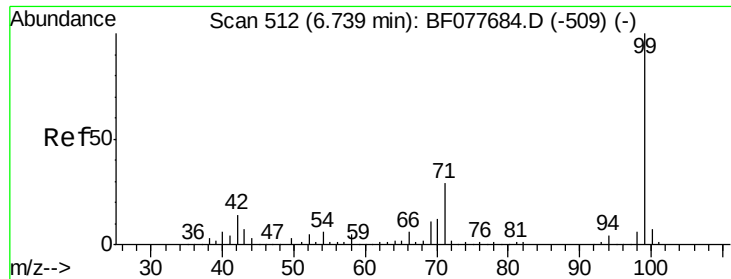


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.00 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077733.D

Acq: 12 Mar 2015 18:27

Instrument :

BNA_F

ClientSampleId :

EB-Z2-2015-1

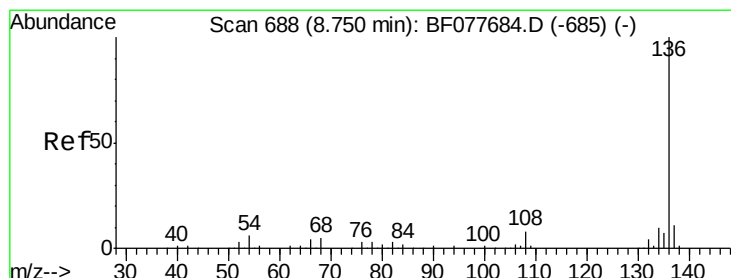
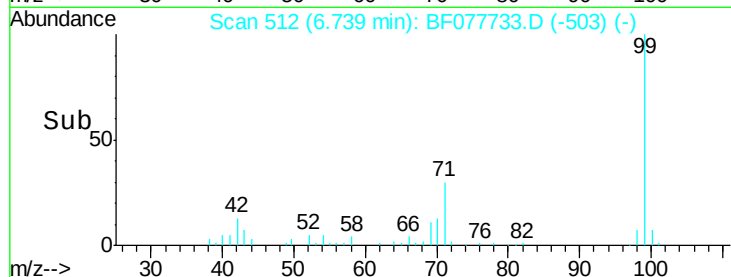
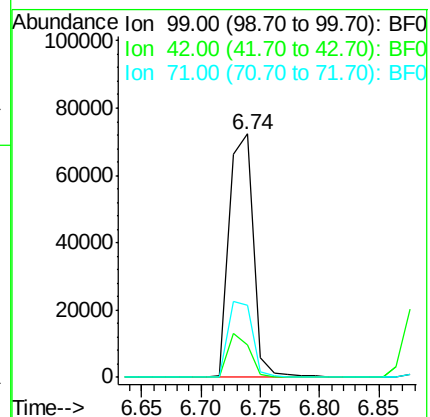
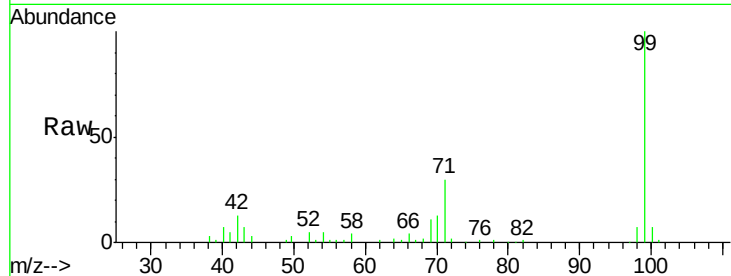
Tgt Ion: 99 Resp: 101637

Ion Ratio Lower Upper

99 100

42 13.1 11.0 16.4

71 29.6 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077733.D

Acq: 12 Mar 2015 18:27

Tgt Ion: 136 Resp: 207183

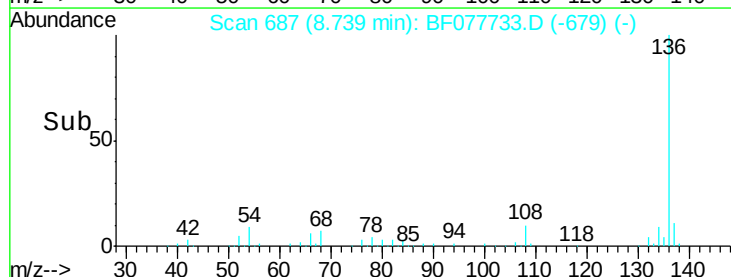
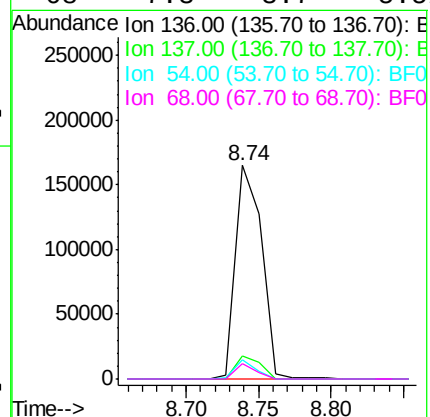
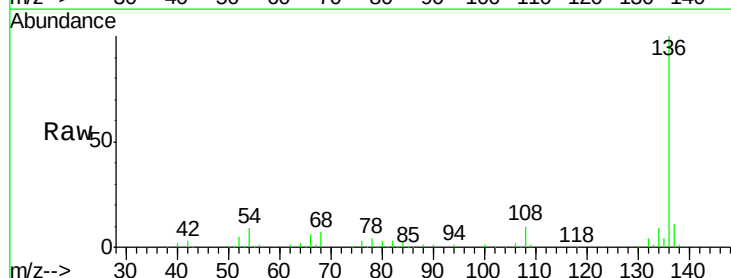
Ion Ratio Lower Upper

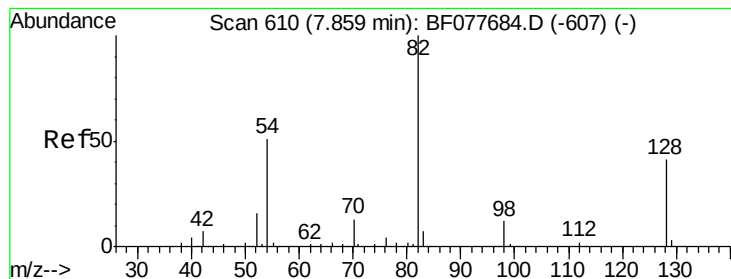
136 100

137 10.8 8.7 13.1

54 9.1 4.6 6.8#

68 7.3 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 85.75 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF077733.D

Acq: 12 Mar 2015 18:27

Instrument :

BNA_F

ClientSampleId :

EB-Z2-2015-1

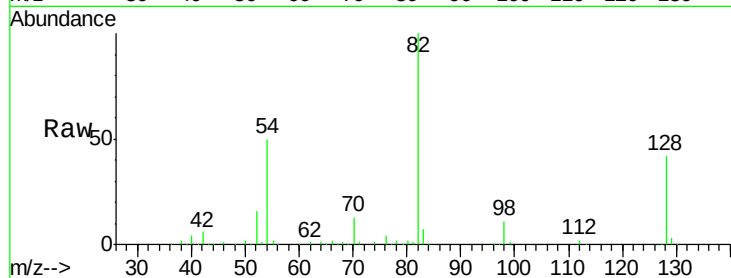
Tgt Ion: 82 Resp: 271039

Ion Ratio Lower Upper

82 100

128 41.6 32.8 49.2

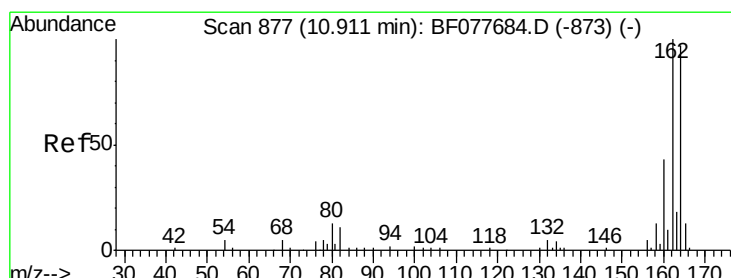
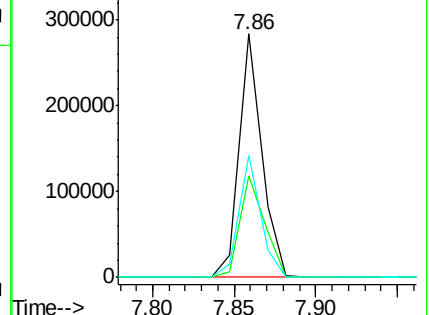
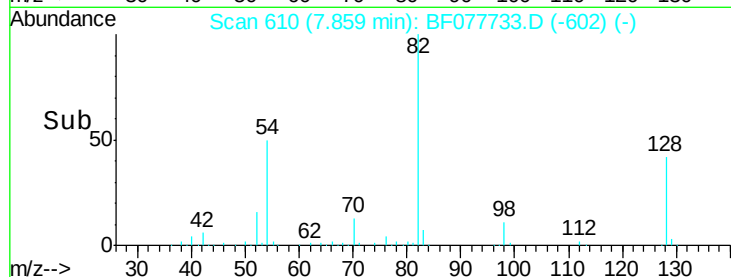
54 49.9 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF077733.D

Acq: 12 Mar 2015 18:27

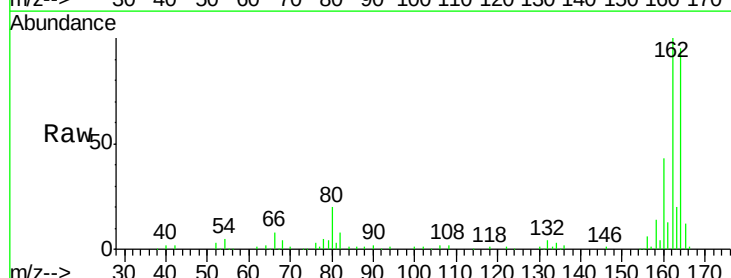
Tgt Ion: 164 Resp: 106005

Ion Ratio Lower Upper

164 100

162 104.7 82.4 123.6

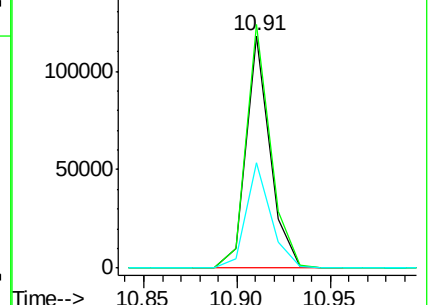
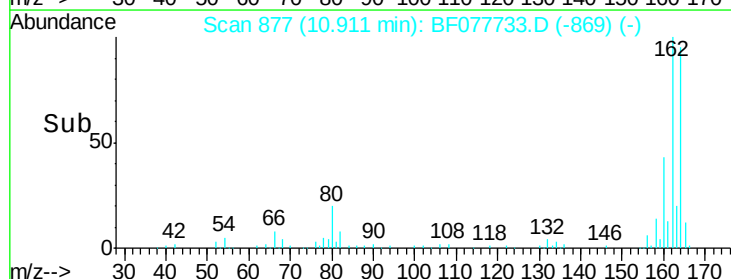
160 45.4 35.8 53.6

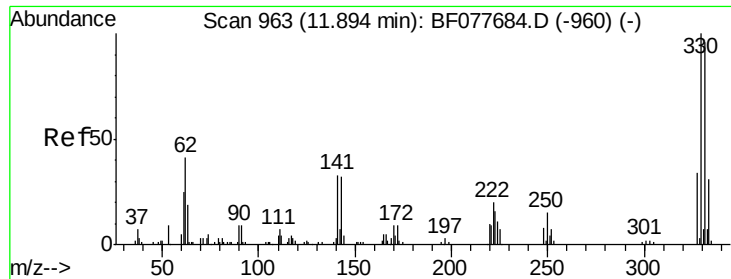


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

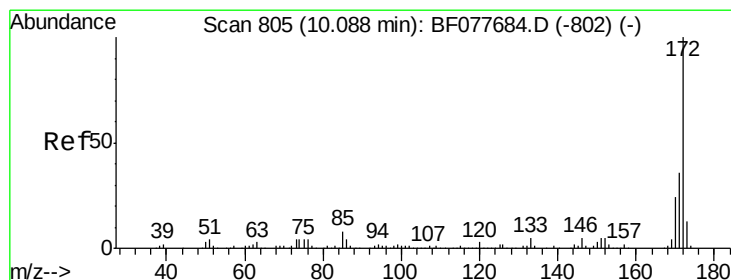
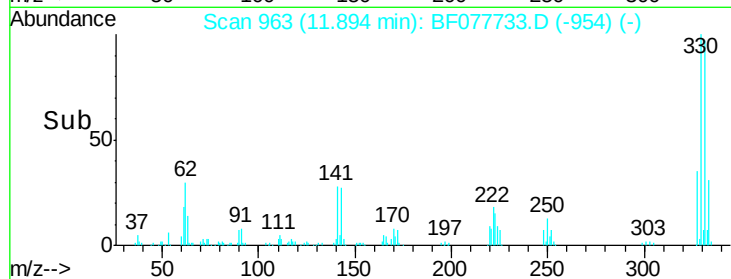
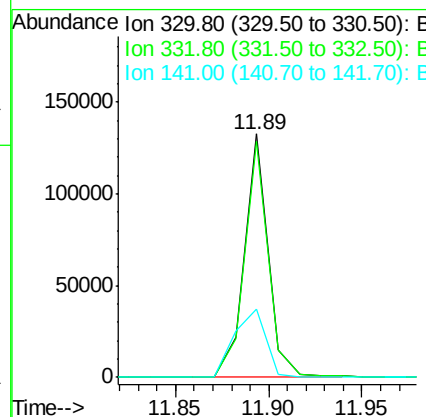
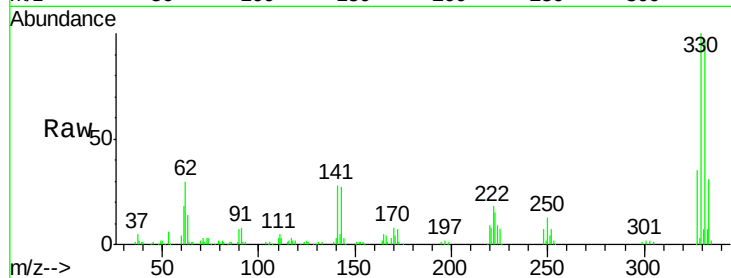




#41
 2,4,6-Tribromophenol
 Concen: 117.09 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077733.D
 Acq: 12 Mar 2015 18:27

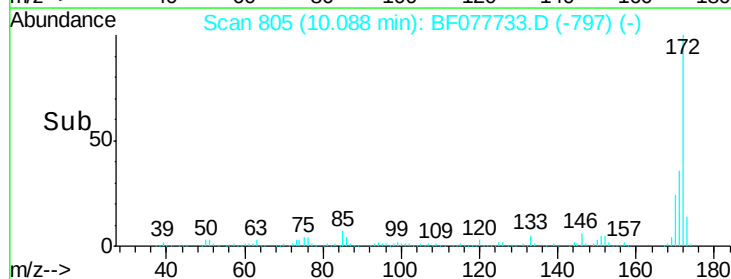
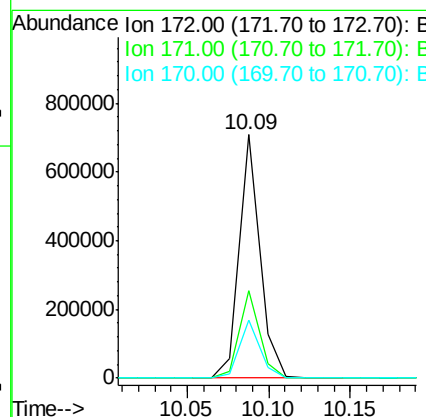
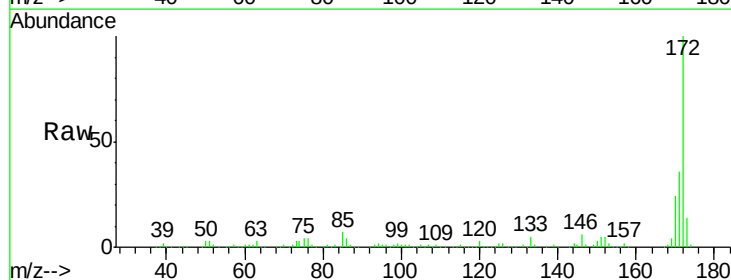
Instrument :
 BNA_F
 ClientSampleId :
 EB-Z2-2015-1

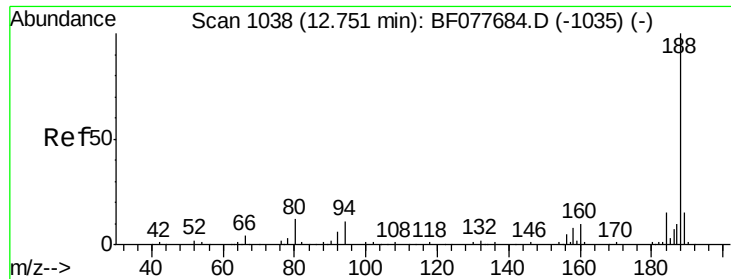
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	118755		
332	96.9	0.0	0.0	0.0
141	37.8	0.0	0.0	0.0



#44
 2-Fluorobiphenyl
 Concen: 85.62 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF077733.D
 Acq: 12 Mar 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	617593		
171	35.9	28.5	42.7	
170	23.8	18.8	28.2	

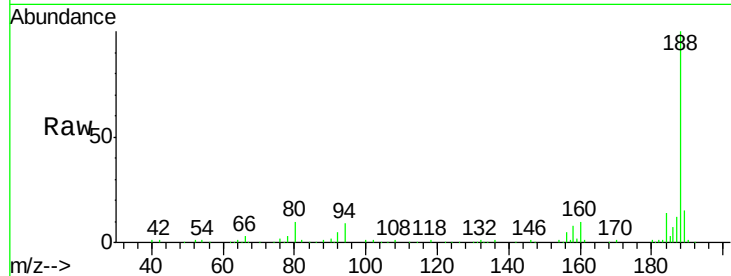




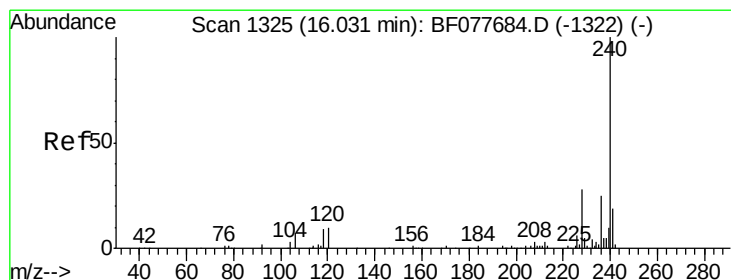
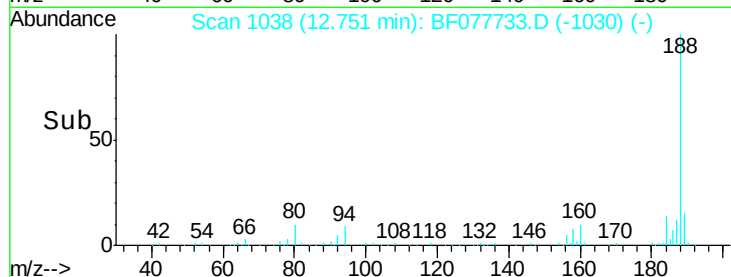
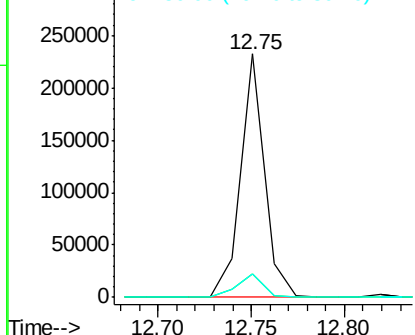
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF077733.D
Acq: 12 Mar 2015 18:27

Instrument :
BNA_F
ClientSampleId :
EB-Z2-2015-1

Tgt Ion:188 Resp: 208723
Ion Ratio Lower Upper
188 100
94 9.4 8.7 13.1
80 9.8 9.3 13.9

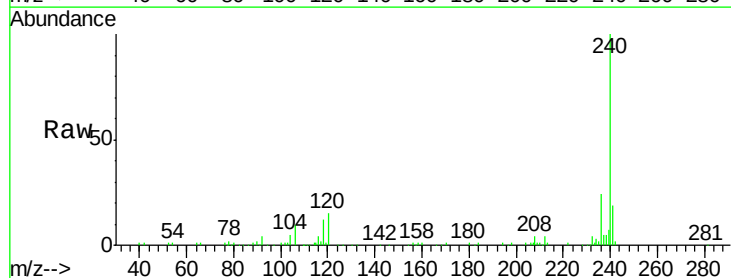


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

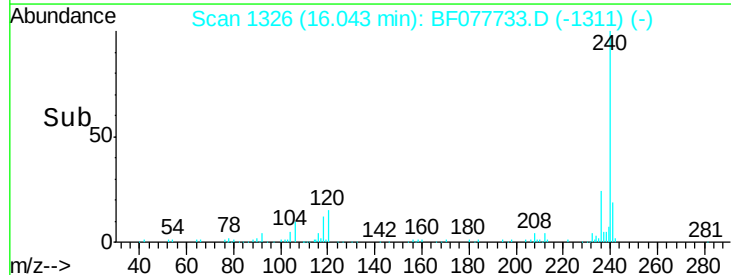
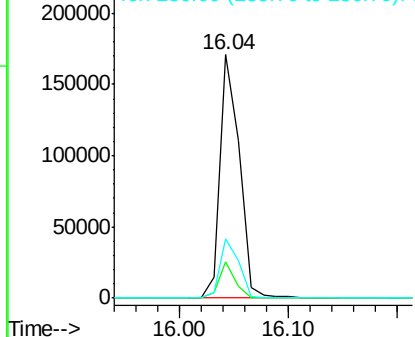


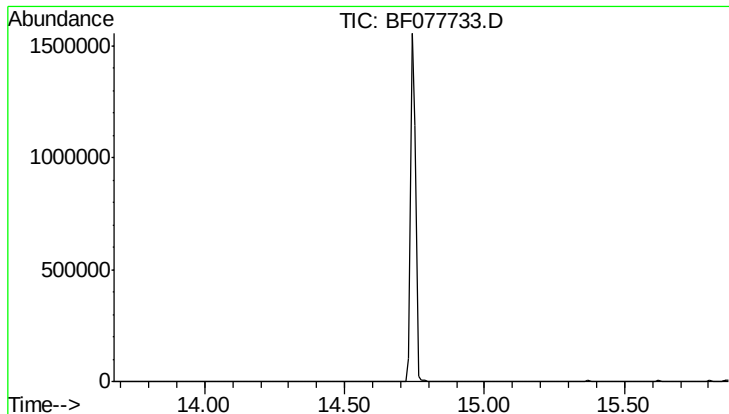
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. -0.13 min
Lab File: BF077733.D
Acq: 12 Mar 2015 18:27

Tgt Ion:240 Resp: 211445
Ion Ratio Lower Upper
240 100
120 14.6 8.2 12.2#
236 24.5 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: 0.00 ng

Expected RT: 14.77 min

Lab File: BF077733.D

Acq: 12 Mar 2015 18:27

Instrument :

BNA_F

ClientSampleId :

EB-Z2-2015-1

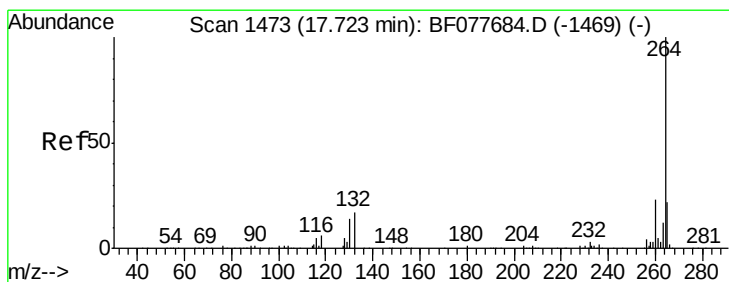
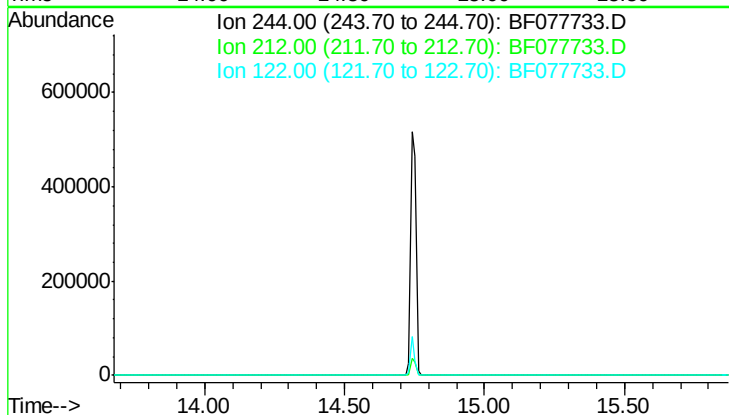
Tgt Ion: 244

Sig Exp Ratio

244 100

212 6.1

122 7.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.86 min Scan# 1485

Delta R.T. -0.33 min

Lab File: BF077733.D

Acq: 12 Mar 2015 18:27

Tgt Ion: 264 Resp: 201934

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.0 17.3 25.9

