

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077852.D
 Acq On : 20 Mar 2015 3:22
 Operator : TP/IZ
 Sample : G1573-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Mar 20 06:54:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 06:30:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	40789	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	164796	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	97257	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	156185	20.00	ng	0.00
75) Chrysene-d12	16.02	240	175789	20.00	ng	-0.01
86) Perylene-d12	17.76	264	171366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	108668	46.50	ng	0.01
7) Phenol-d6	6.73	99	84467	29.26	ng	0.00
23) Nitrobenzene-d5	7.85	82	217880	86.67	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	84233	90.52	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	426718	64.48	ng	0.00
78) Terphenyl-d14	14.74	244	436512	60.66	ng	0.00

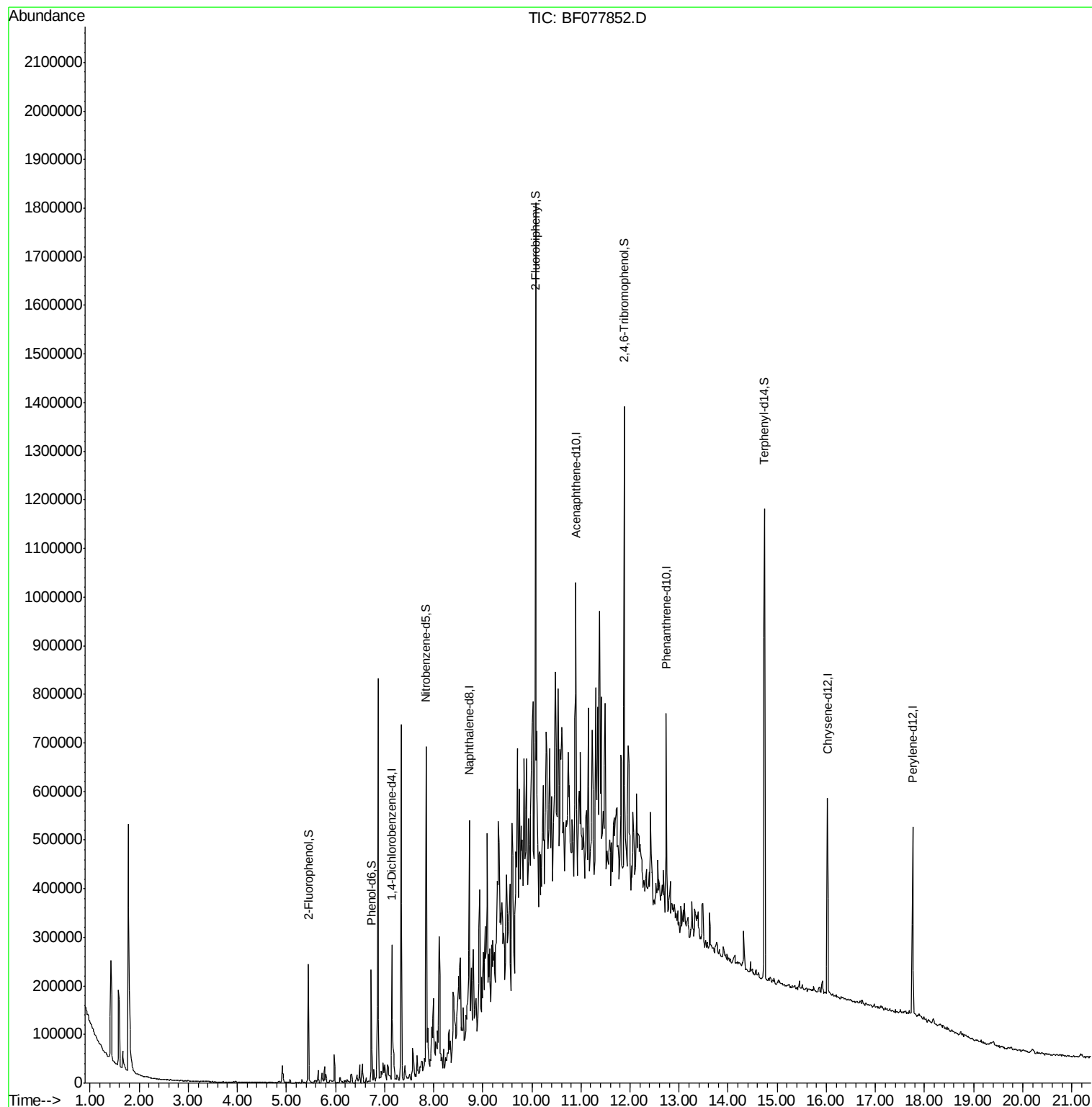
Target Compounds Qvalue

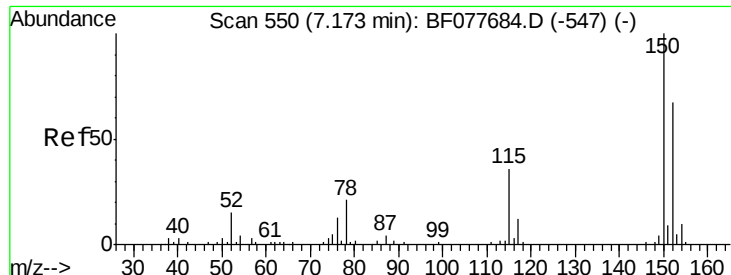
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

Instrument :

BNA_F

ClientSampleId :

MW-08

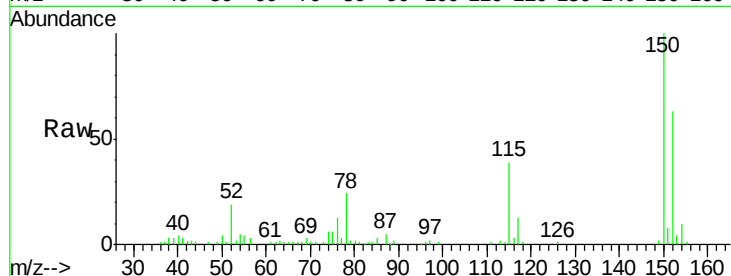
Tot Ion:152 Resp: 40789

Ion Ratio Lower Upper

152 100

150 158.2 119.5 179.3

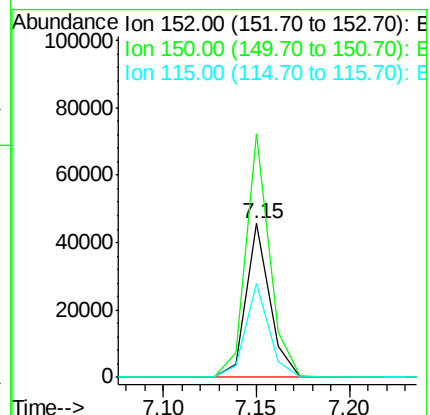
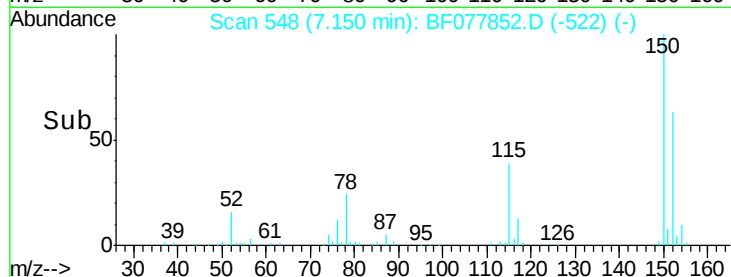
115 61.0 43.0 64.4



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: 46.50 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

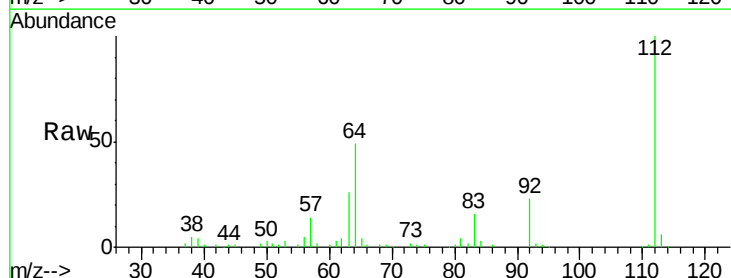
Tgt Ion:112 Resp: 108668

Ion Ratio Lower Upper

112 100

64 49.0 38.6 57.8

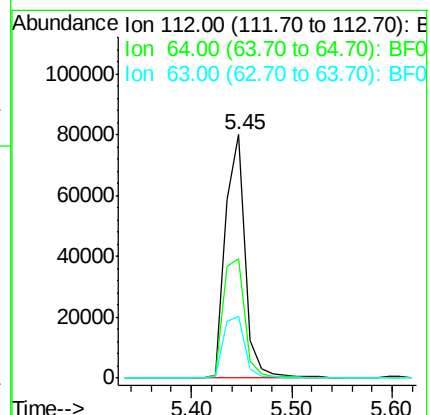
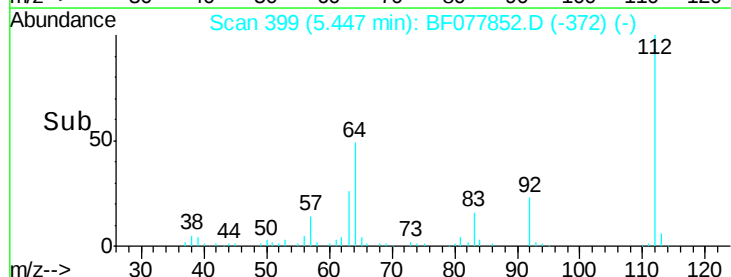
63 25.6 19.3 28.9

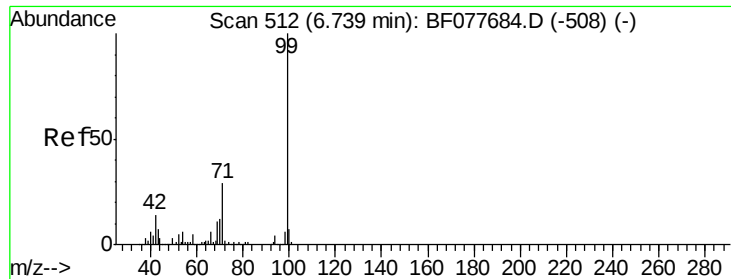


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.26 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

Instrument :

BNA_F

ClientSampleId :

MW-08

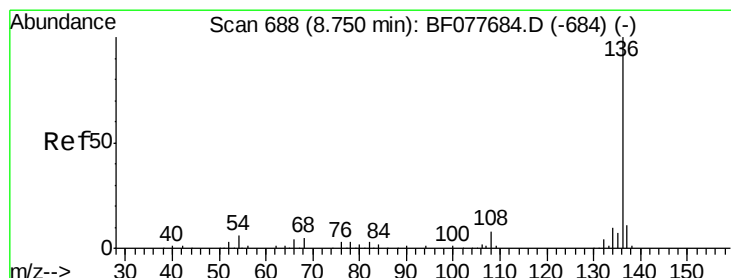
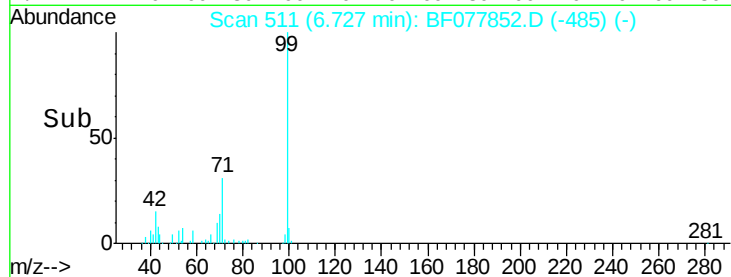
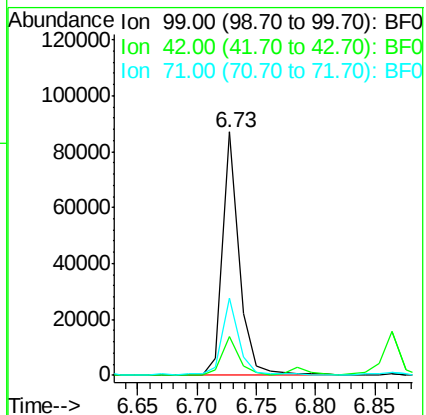
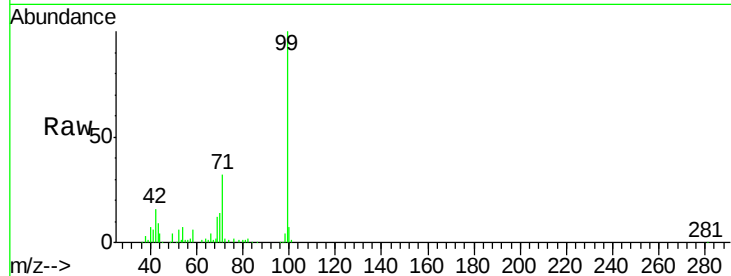
Tot Ion: 99 Resp: 84467

Ion Ratio Lower Upper

99 100

42 16.2 11.0 16.4

71 31.7 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.73 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

Tgt Ion: 136 Resp: 164796

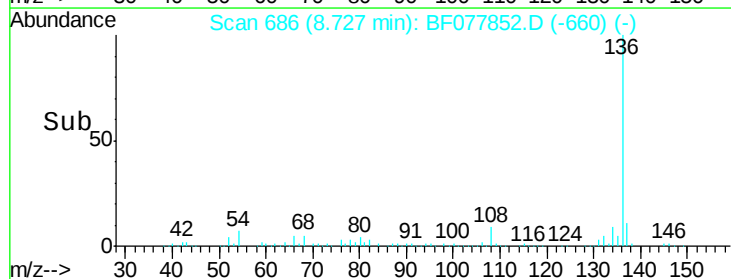
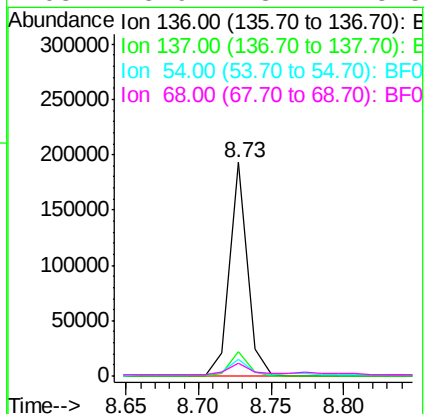
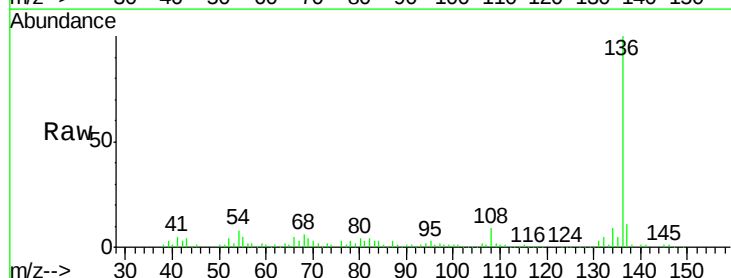
Ion Ratio Lower Upper

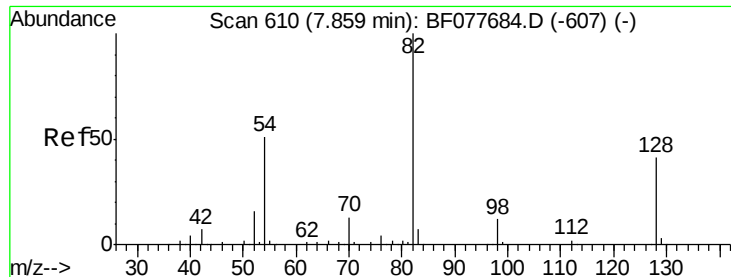
136 100

137 11.1 8.7 13.1

54 7.7 4.6 6.8#

68 5.9 3.7 5.5#

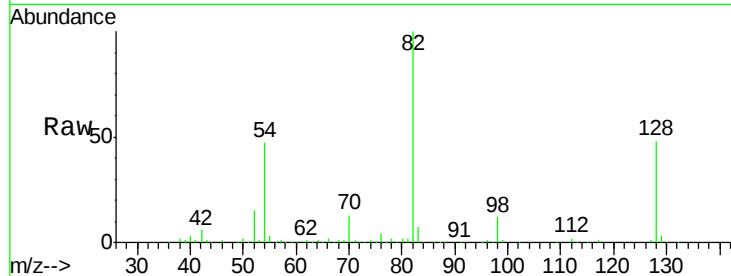




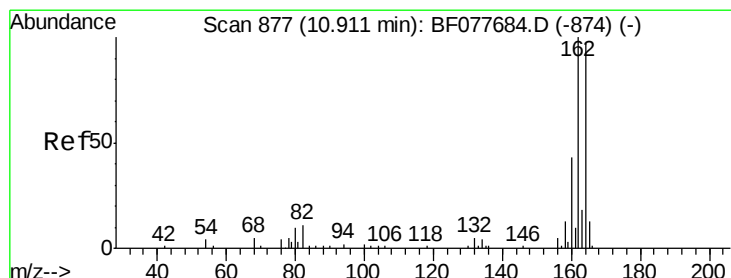
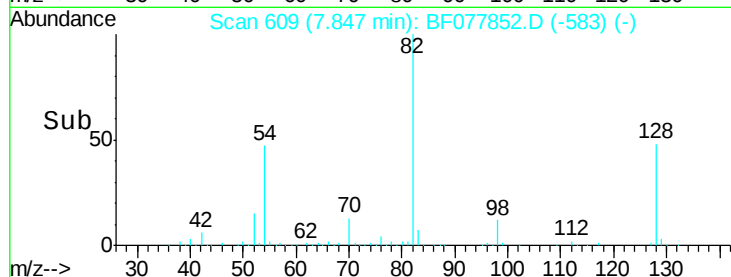
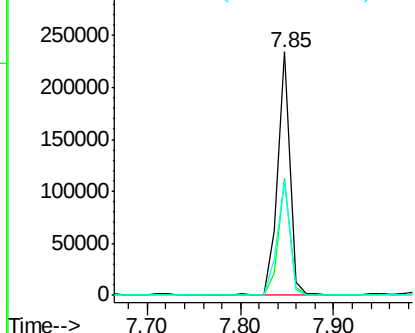
#23
Nitrobenzene-d5
Concen: 86.67 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077852.D
Acq: 20 Mar 2015 3:22

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion: 82 Resp: 217880
Ion Ratio Lower Upper
82 100
128 47.8 32.8 49.2
54 46.8 40.6 60.8

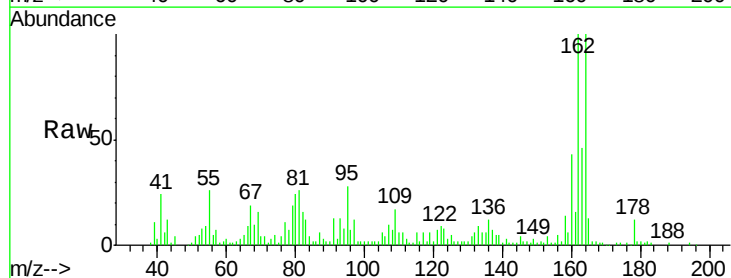


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

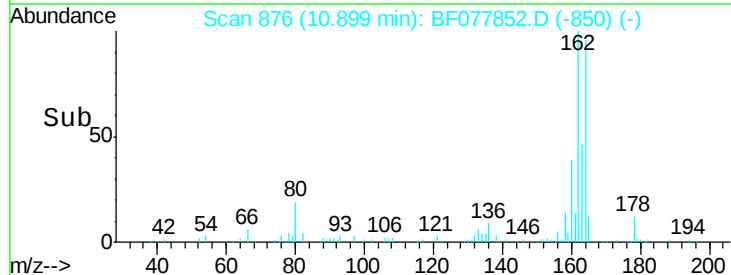
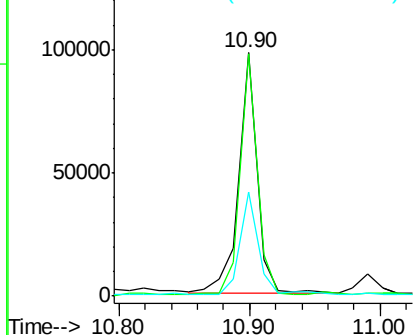


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF077852.D
Acq: 20 Mar 2015 3:22

Tgt Ion:164 Resp: 97257
Ion Ratio Lower Upper
164 100
162 99.7 82.4 123.6
160 42.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

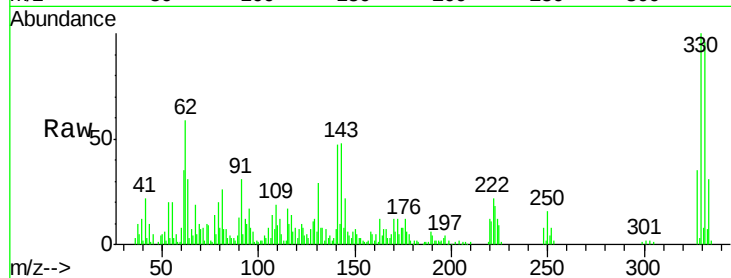




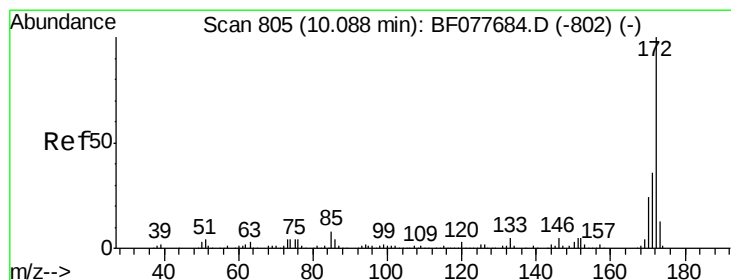
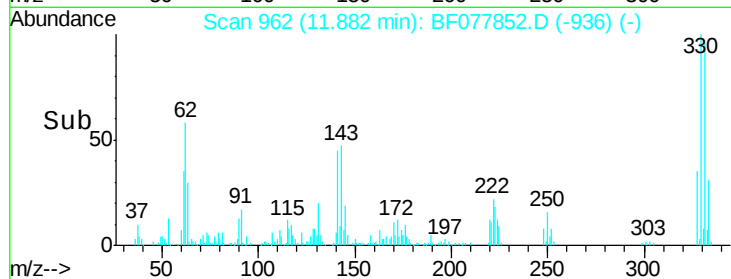
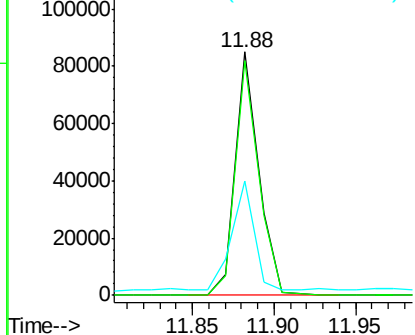
#41
 2,4,6-Tribromophenol
 Concen: 90.52 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF077852.D
 Acq: 20 Mar 2015 3:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	42.9	0.0	0.0#

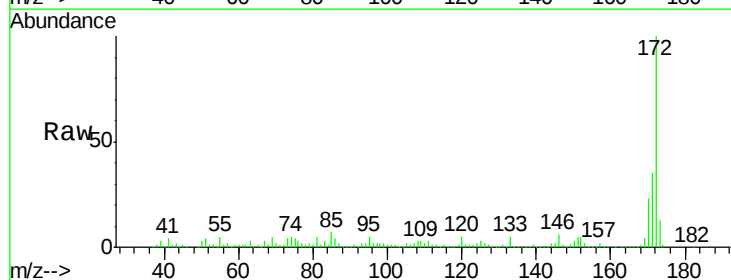


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

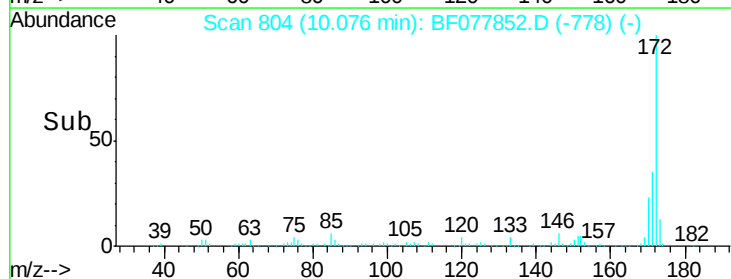
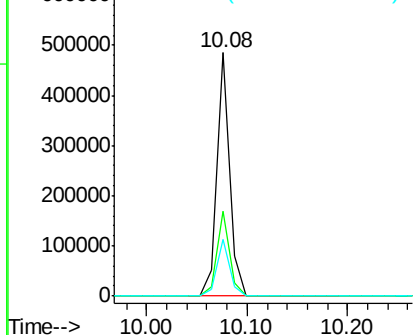


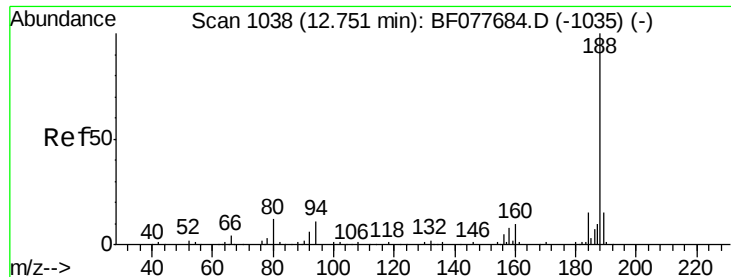
#44
 2-Fluorobiphenyl
 Concen: 64.48 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF077852.D
 Acq: 20 Mar 2015 3:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	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

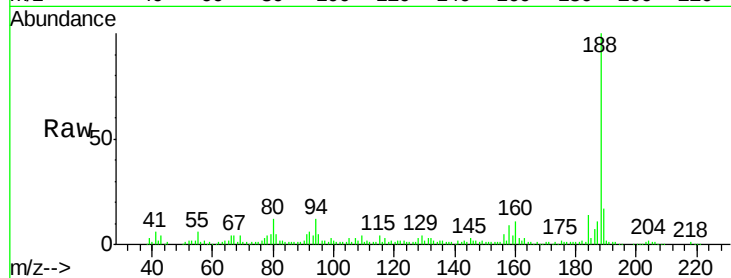




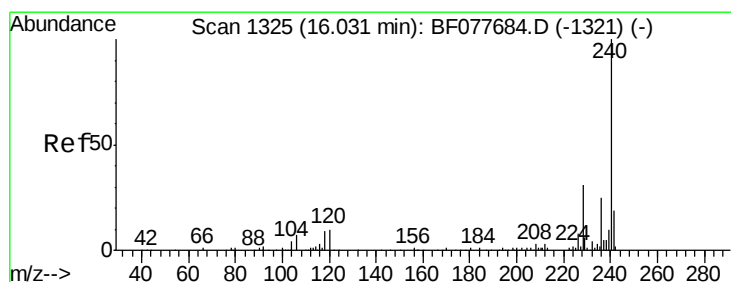
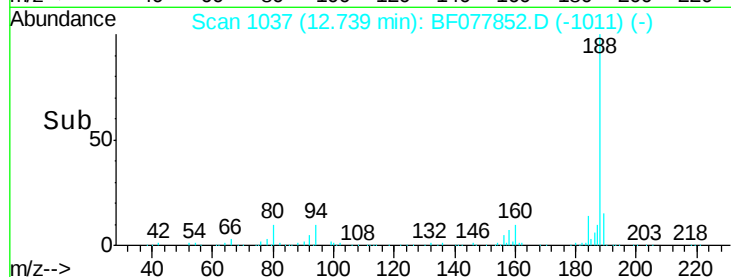
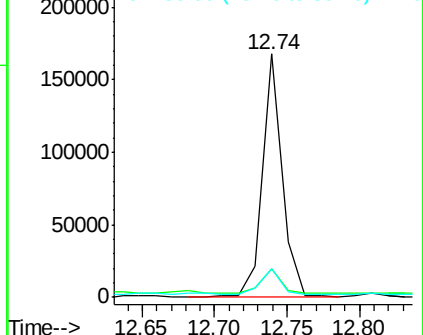
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF077852.D
Acq: 20 Mar 2015 3:22

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion:188 Resp: 156185
Ion Ratio Lower Upper
188 100
94 11.7 8.7 13.1
80 11.9 9.3 13.9

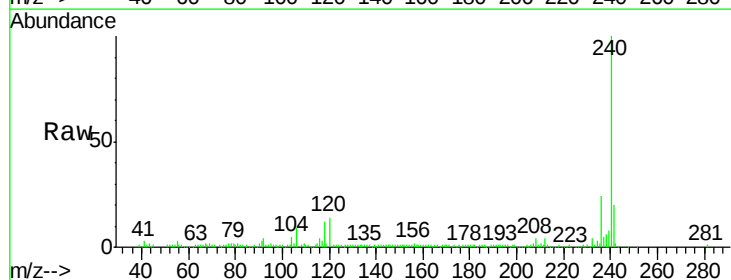


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

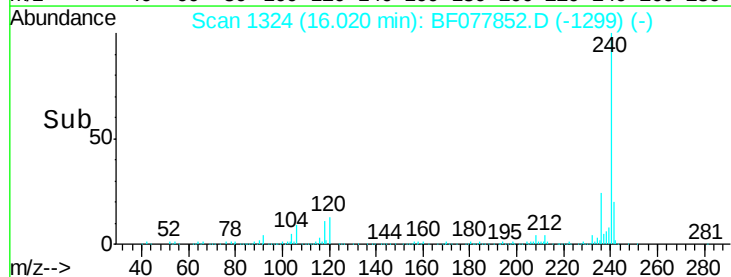
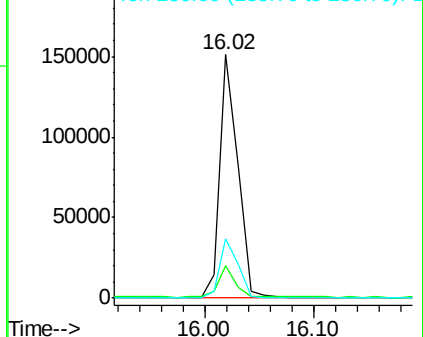


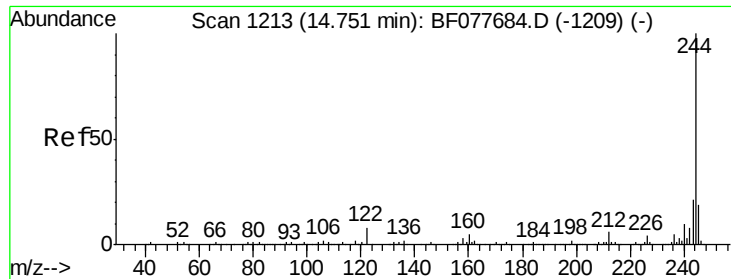
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077852.D
Acq: 20 Mar 2015 3:22

Tgt Ion:240 Resp: 175789
Ion Ratio Lower Upper
240 100
120 13.5 8.2 12.2#
236 24.4 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: 60.66 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

Instrument :

BNA_F

ClientSampleId :

MW-08

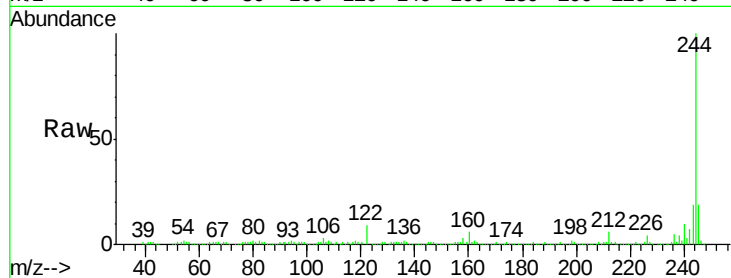
Tot Ion:244 Resp: 436512

Ion Ratio Lower Upper

244 100

212 6.2 4.9 7.3

122 8.8 6.2 9.4

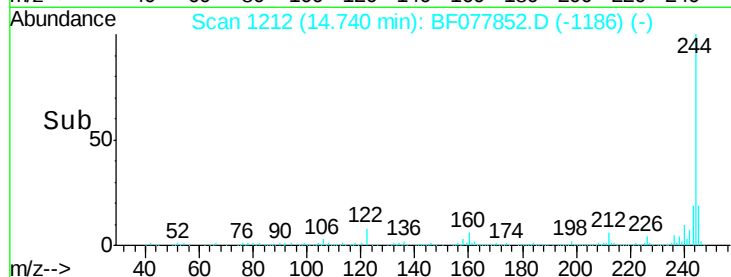


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



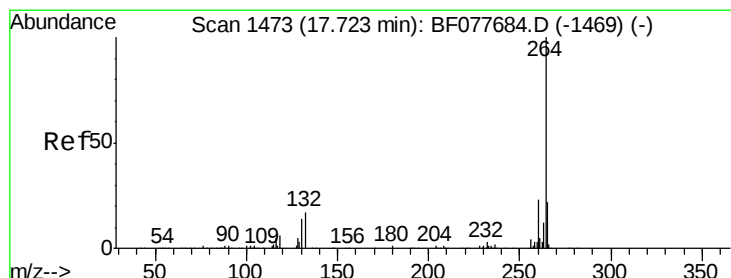
Abundance

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

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.76 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

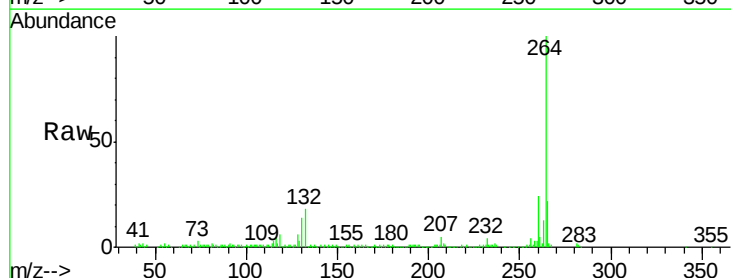
Tgt Ion:264 Resp: 171366

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.7 17.3 25.9

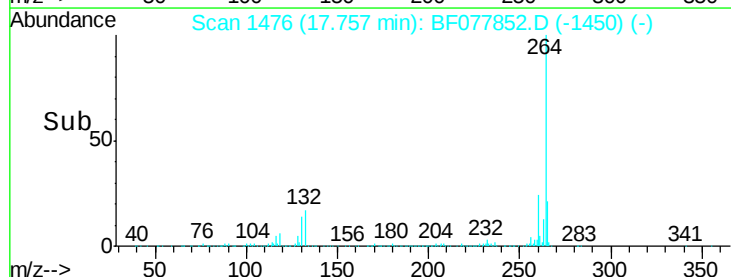


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



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

Time-->