

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077840.D
 Acq On : 19 Mar 2015 19:45
 Operator : TP/IZ
 Sample : G1573-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Mar 20 02:01:43 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 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	40780	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	164430	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	82372	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	167609	20.00	ng	0.00
75) Chrysene-d12	16.03	240	184211	20.00	ng	0.00
86) Perylene-d12	17.81	264	183252	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	149609	64.04	ng	0.01
7) Phenol-d6	6.73	99	120732	41.83	ng	0.00
23) Nitrobenzene-d5	7.85	82	243748	97.17	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	104881	133.08	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	501800	89.53	ng	0.00
78) Terphenyl-d14	14.74	244	487159	64.60	ng	0.00

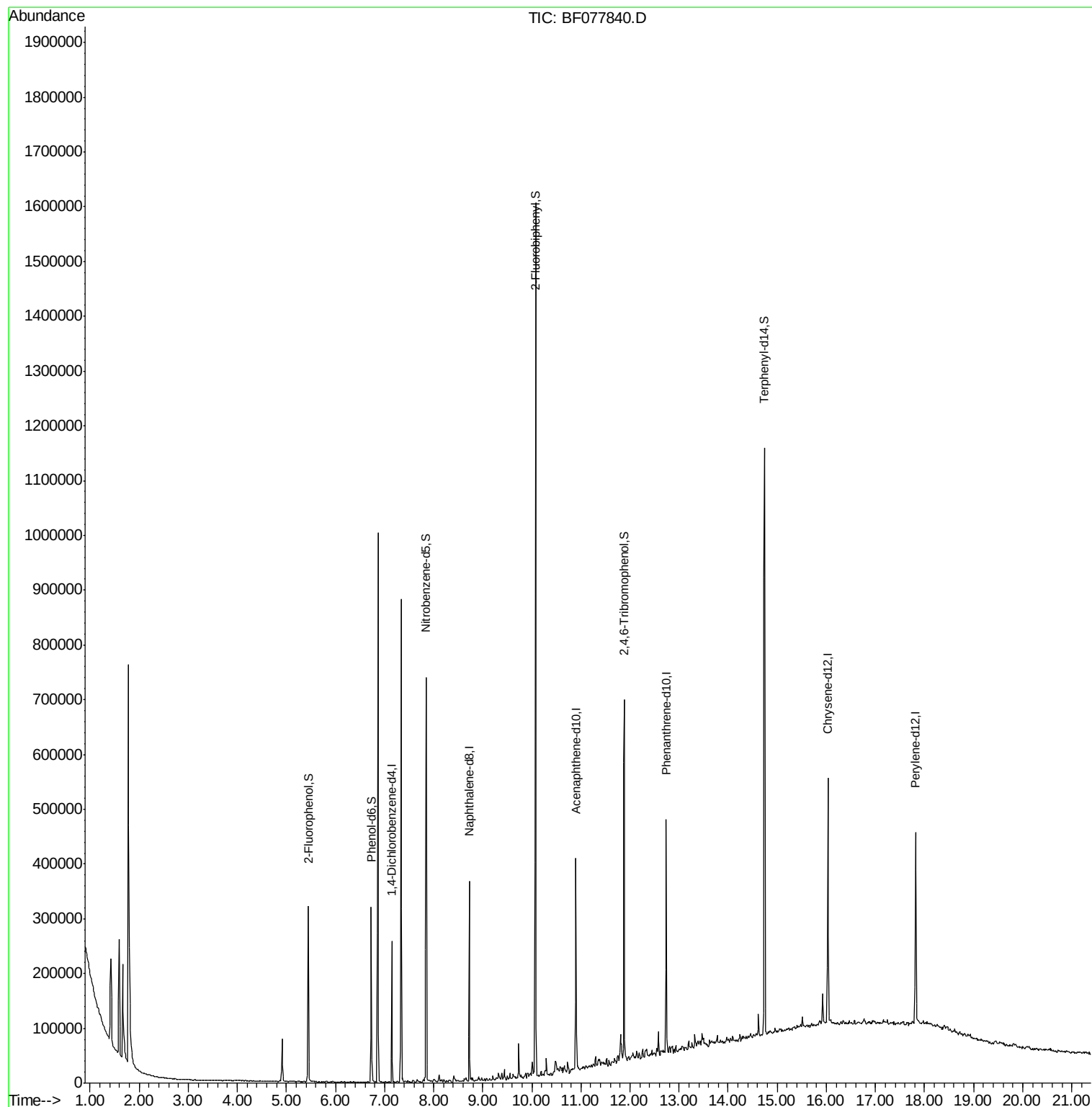
Target Compounds Qvalue

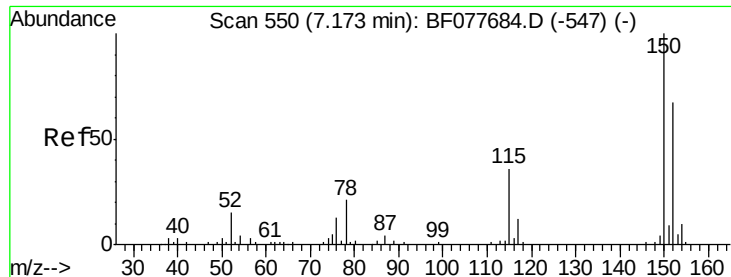
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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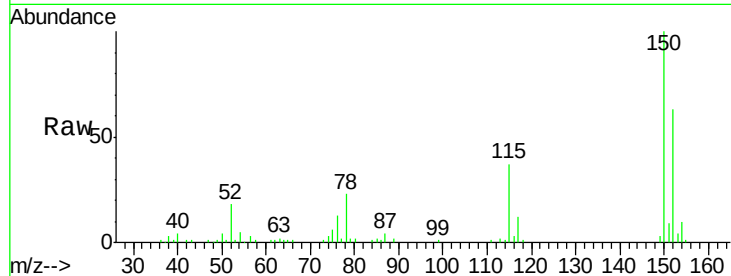


#1

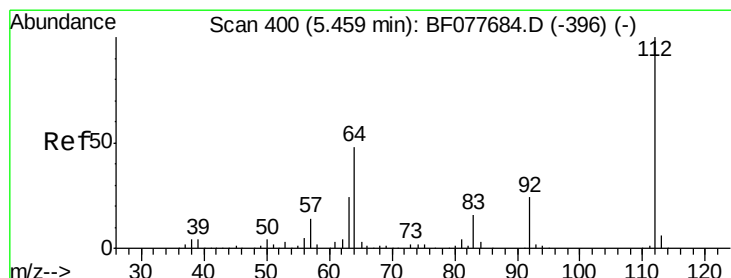
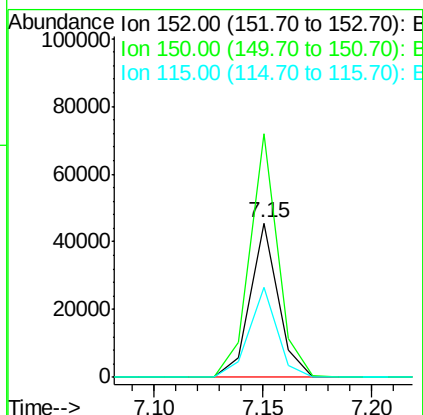
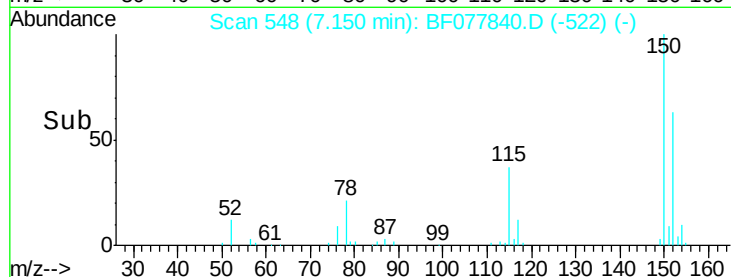
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF077840.D
Acq: 19 Mar 2015 19:45

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:152 Resp: 40780
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 58.4 43.0 64.4



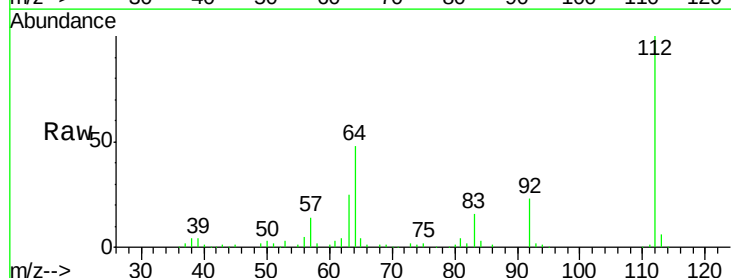
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



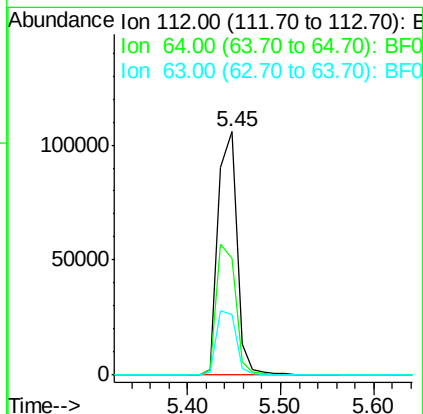
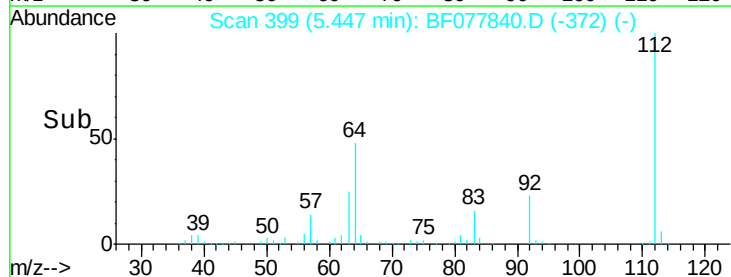
#5

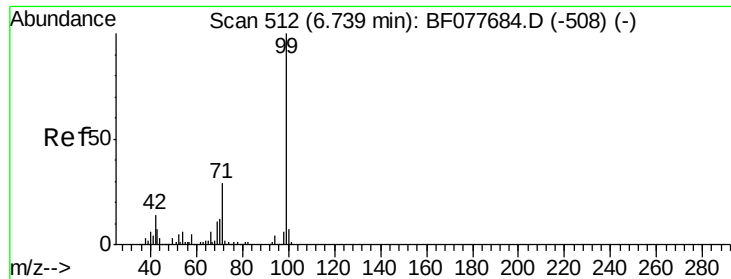
2-Fluorophenol
Concen: 64.04 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077840.D
Acq: 19 Mar 2015 19:45

Tgt Ion:112 Resp: 149609
Ion Ratio Lower Upper
112 100
64 48.1 38.6 57.8
63 24.9 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: 41.83 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077840.D

Acq: 19 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

MW-11

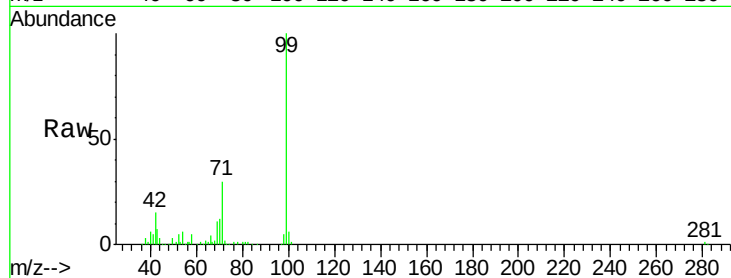
Tot Ion: 99 Resp: 120732

Ion Ratio Lower Upper

99 100

42 14.6 11.0 16.4

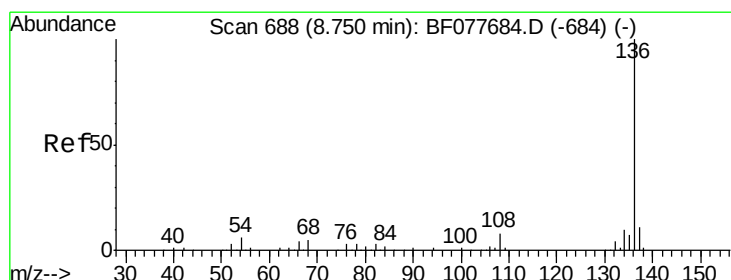
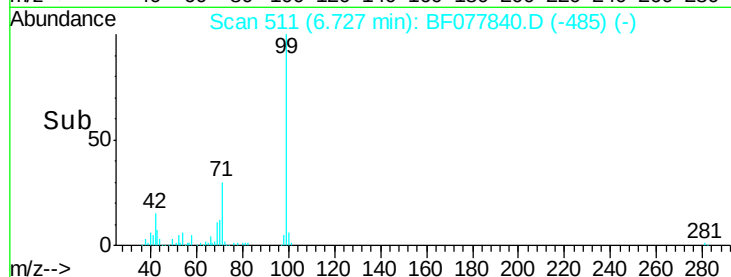
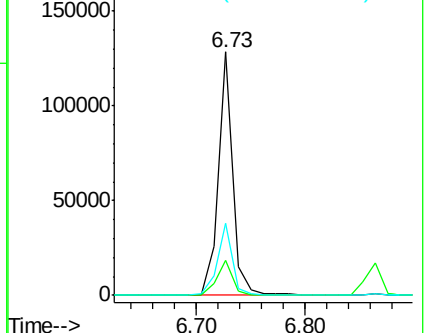
71 29.8 23.4 35.2



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: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077840.D

Acq: 19 Mar 2015 19:45

Tgt Ion: 136 Resp: 164430

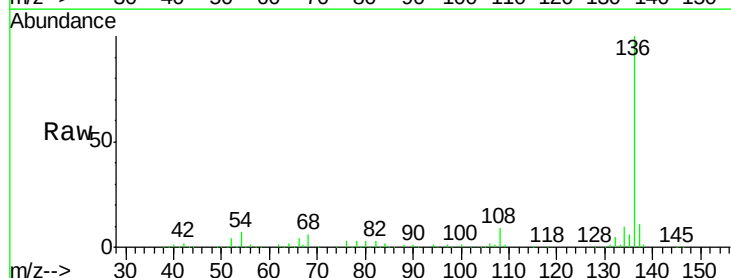
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.7 4.6 6.8

68 5.8 3.7 5.5#

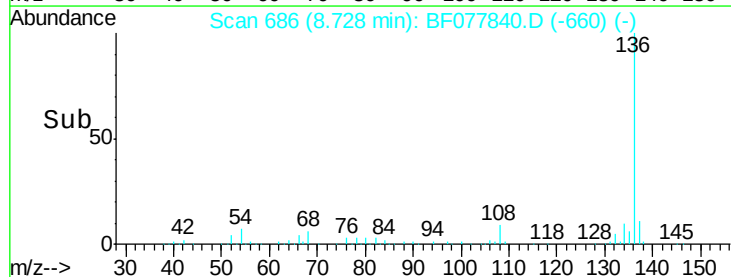
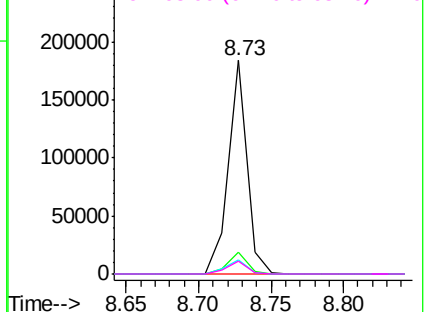


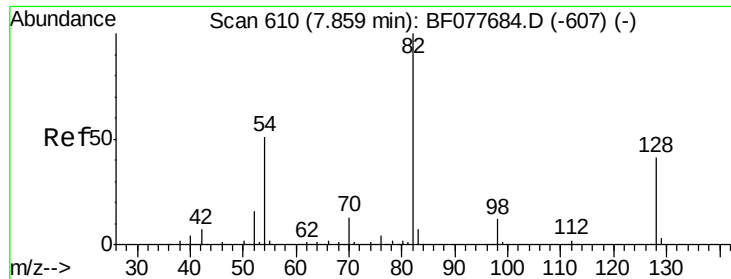
Abundance Ion 136.00 (135.70 to 136.70): E

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

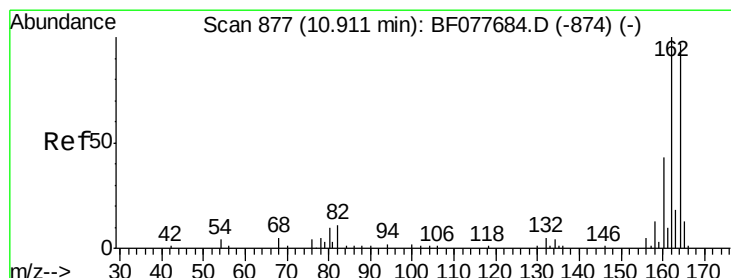
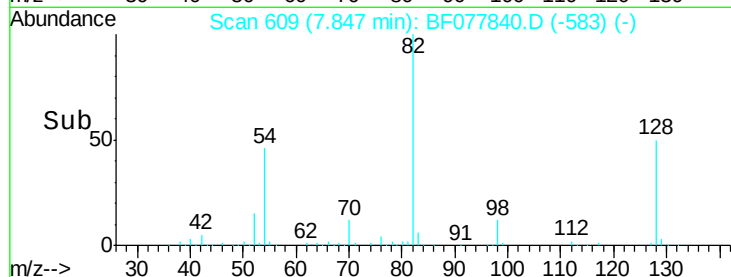
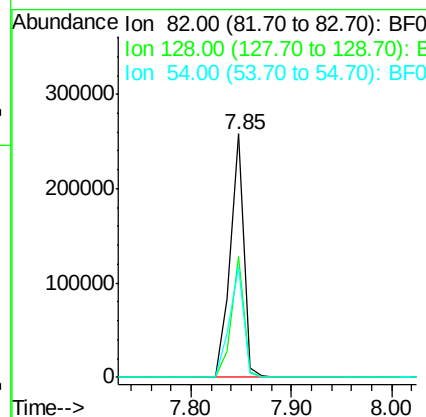
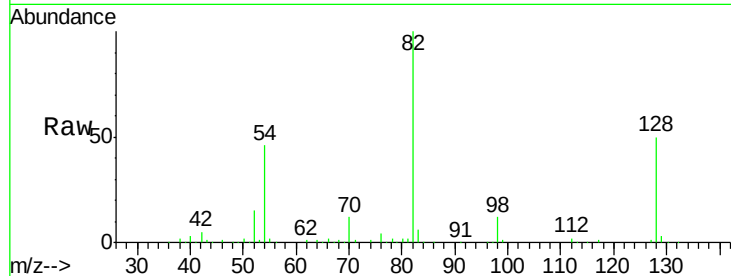




#23
Nitrobenzene-d5
Concen: 97.17 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077840.D
Acq: 19 Mar 2015 19:45

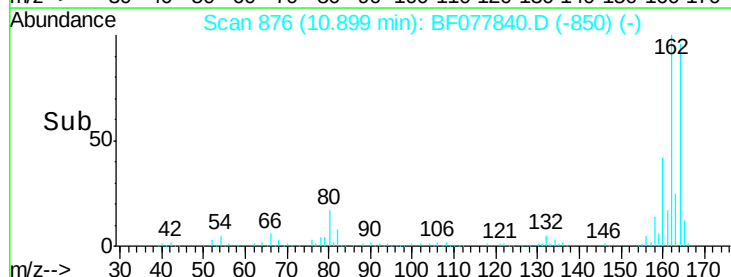
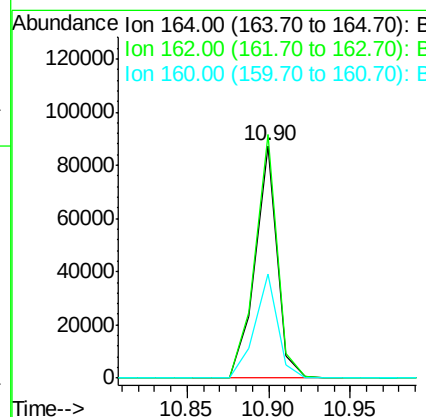
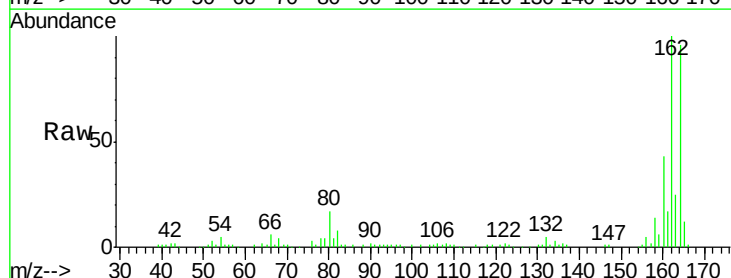
Instrument :
BNA_F
ClientSampleId :
MW-11

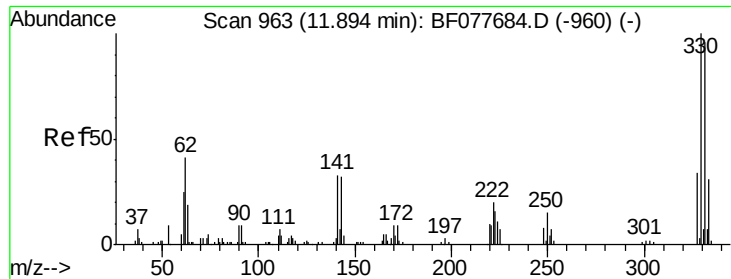
Tot Ion: 82 Resp: 243748
Ion Ratio Lower Upper
82 100
128 49.5 32.8 49.2#
54 45.6 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF077840.D
Acq: 19 Mar 2015 19:45

Tgt Ion:164 Resp: 82372
Ion Ratio Lower Upper
164 100
162 104.6 82.4 123.6
160 44.8 35.8 53.6

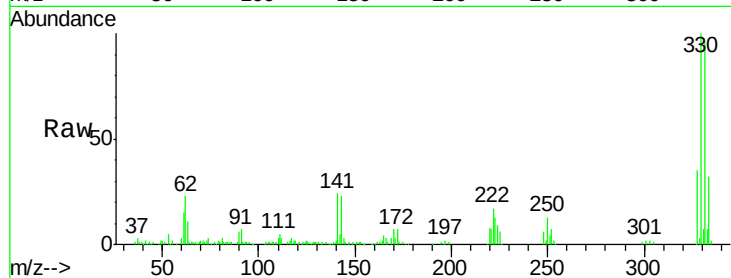




#41
 2,4,6-Tribromophenol
 Concen: 133.08 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	38.7	0.0	0.0#

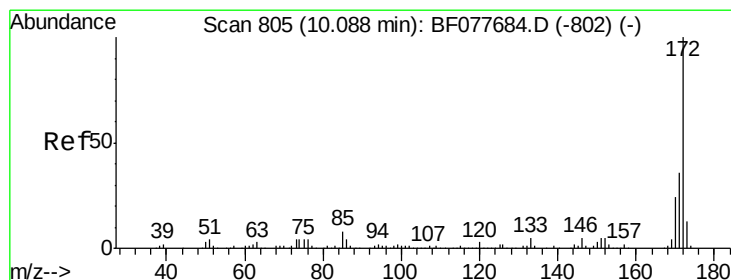
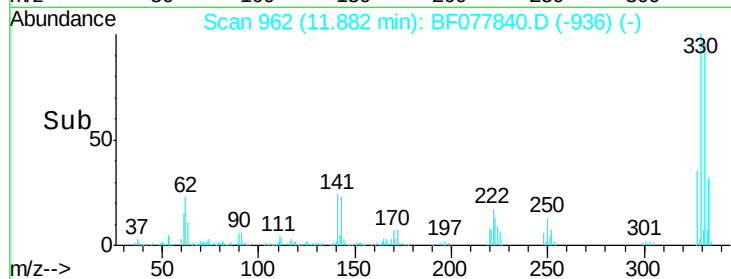
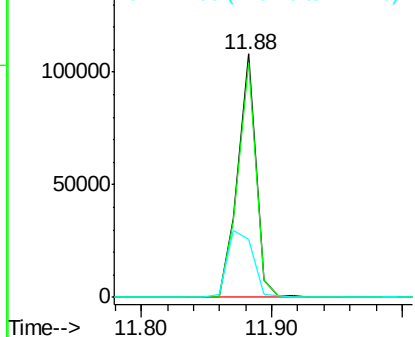


Abundance

Ion 329.80 (329.50 to 330.50): E

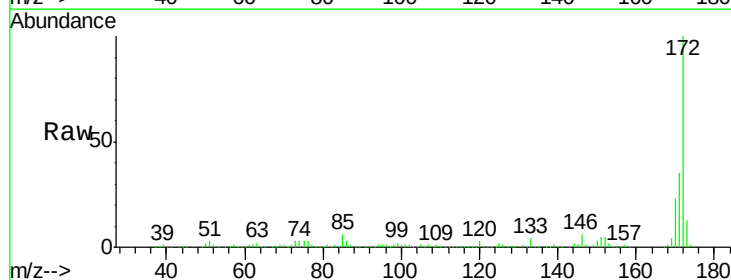
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.53 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.5	18.8	28.2

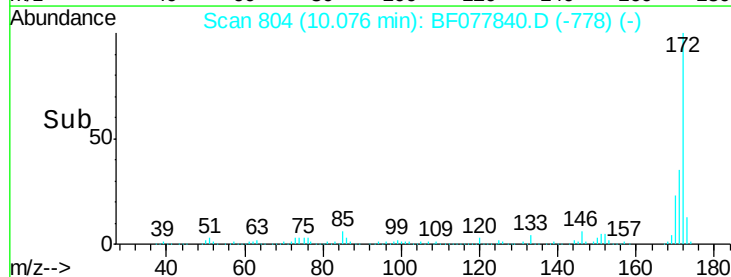
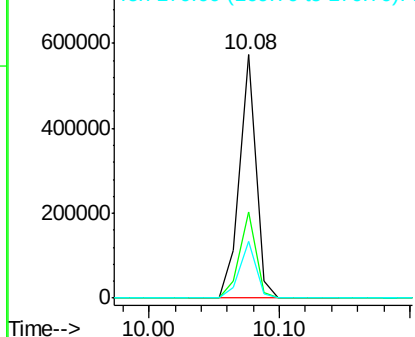


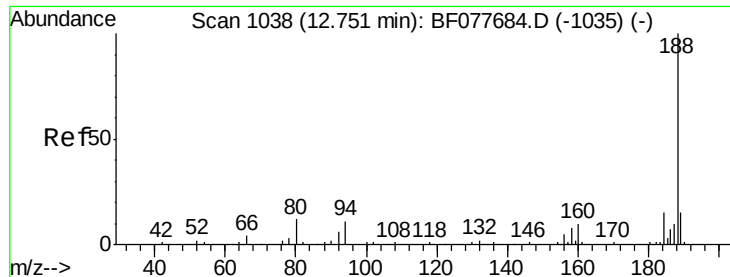
Abundance

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: BF077840.D

Acq: 19 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

MW-11

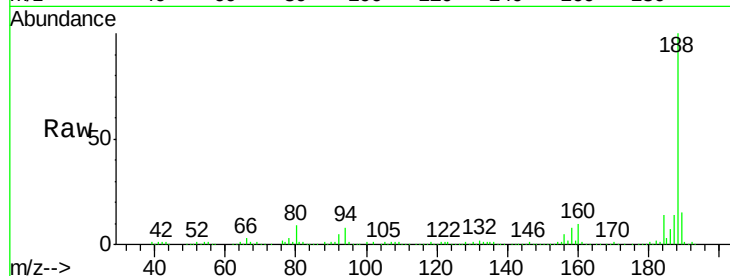
Tot Ion:188 Resp: 167609

Ion Ratio Lower Upper

188 100

94 8.0 8.7 13.1#

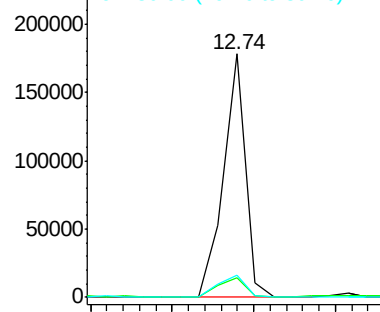
80 8.9 9.3 13.9#



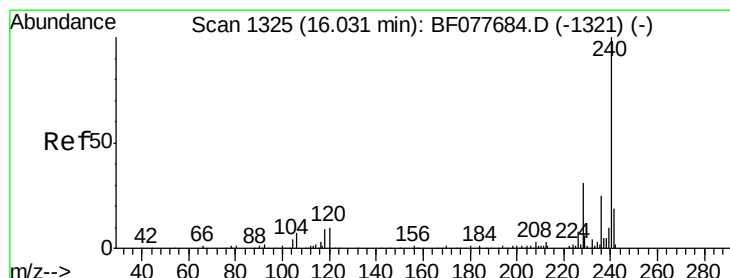
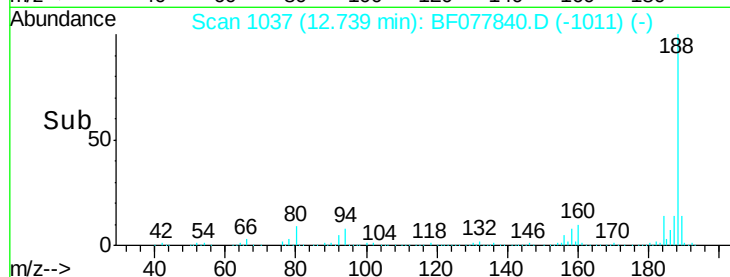
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 12.65 12.70 12.75 12.80



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077840.D

Acq: 19 Mar 2015 19:45

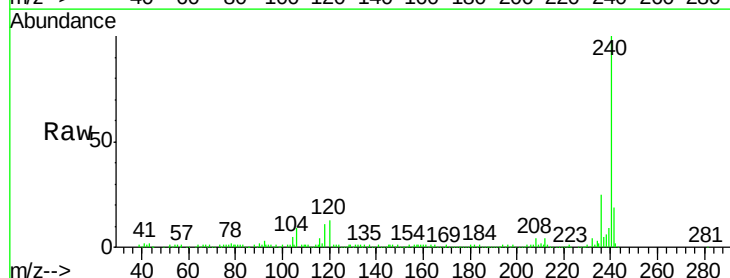
Tgt Ion:240 Resp: 184211

Ion Ratio Lower Upper

240 100

120 12.9 8.2 12.2#

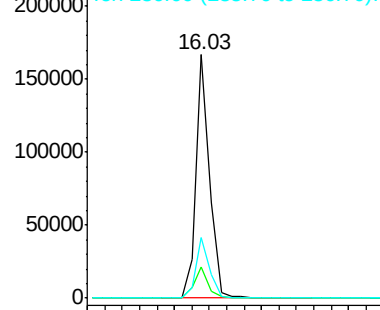
236 25.1 20.0 30.0



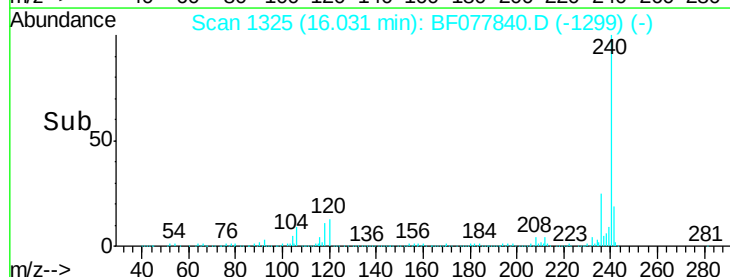
Abundance Ion 240.00 (239.70 to 240.70): E

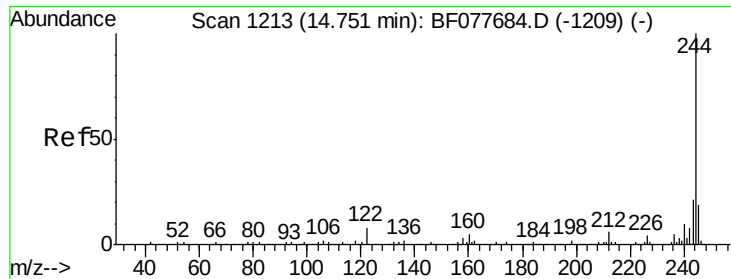
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 15.90 16.00 16.10 16.20





#78

Terphenyl-d14

Concen: 64.60 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077840.D

Acq: 19 Mar 2015 19:45

Instrument :

BNA_F

ClientSampled :

MW-11

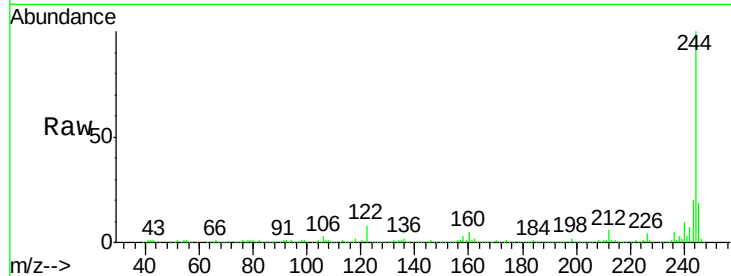
Tot Ion:244 Resp: 487159

Ion Ratio Lower Upper

244 100

212 6.0 4.9 7.3

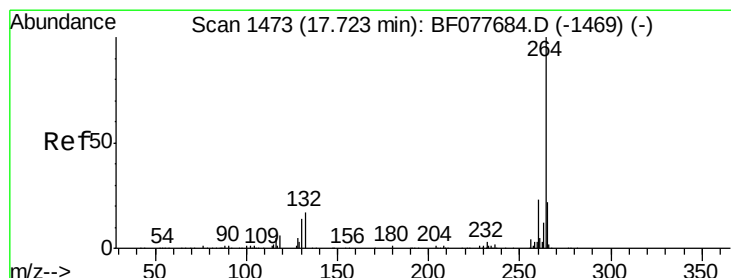
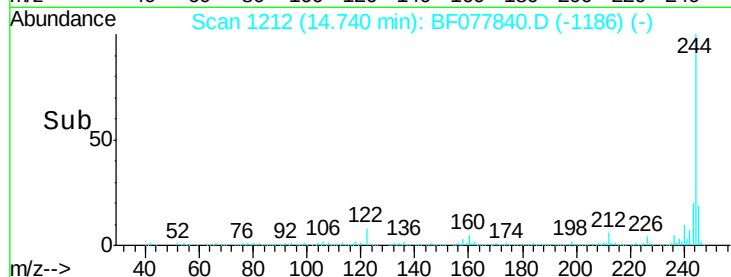
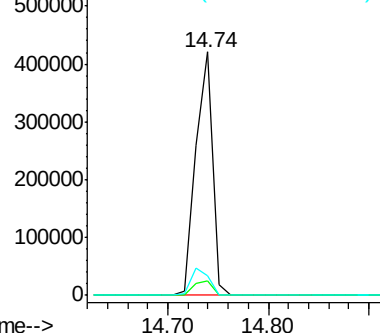
122 7.9 6.2 9.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.81 min Scan# 1481

Delta R.T. 0.02 min

Lab File: BF077840.D

Acq: 19 Mar 2015 19:45

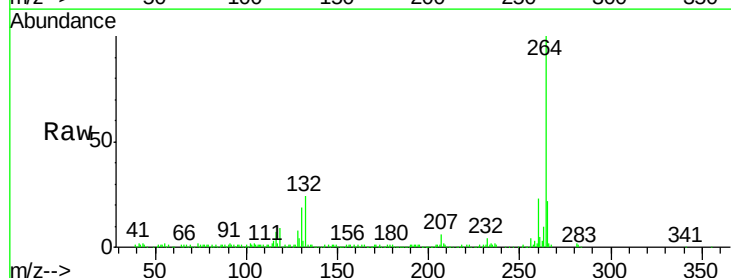
Tgt Ion:264 Resp: 183252

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.5 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

