

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
 Data File : BF077776.D
 Acq On : 17 Mar 2015 17:21
 Operator : TP/IZ
 Sample : PB82148BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BL

Quant Time: Mar 18 01:41:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	43113	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	170309	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	81643m	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	319394	20.00	ng	-0.01
75) Chrysene-d12	16.05	240	343859	20.00	ng	0.02
86) Perylene-d12	17.87	264	342103	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	208355	84.36	ng	0.00
7) Phenol-d6	6.73	99	267256	87.58	ng	0.00
23) Nitrobenzene-d5	7.85	82	190540	73.34	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	119880	153.47	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	430633	77.52	ng	0.00
78) Terphenyl-d14	14.75	244	955643	67.89	ng	0.01

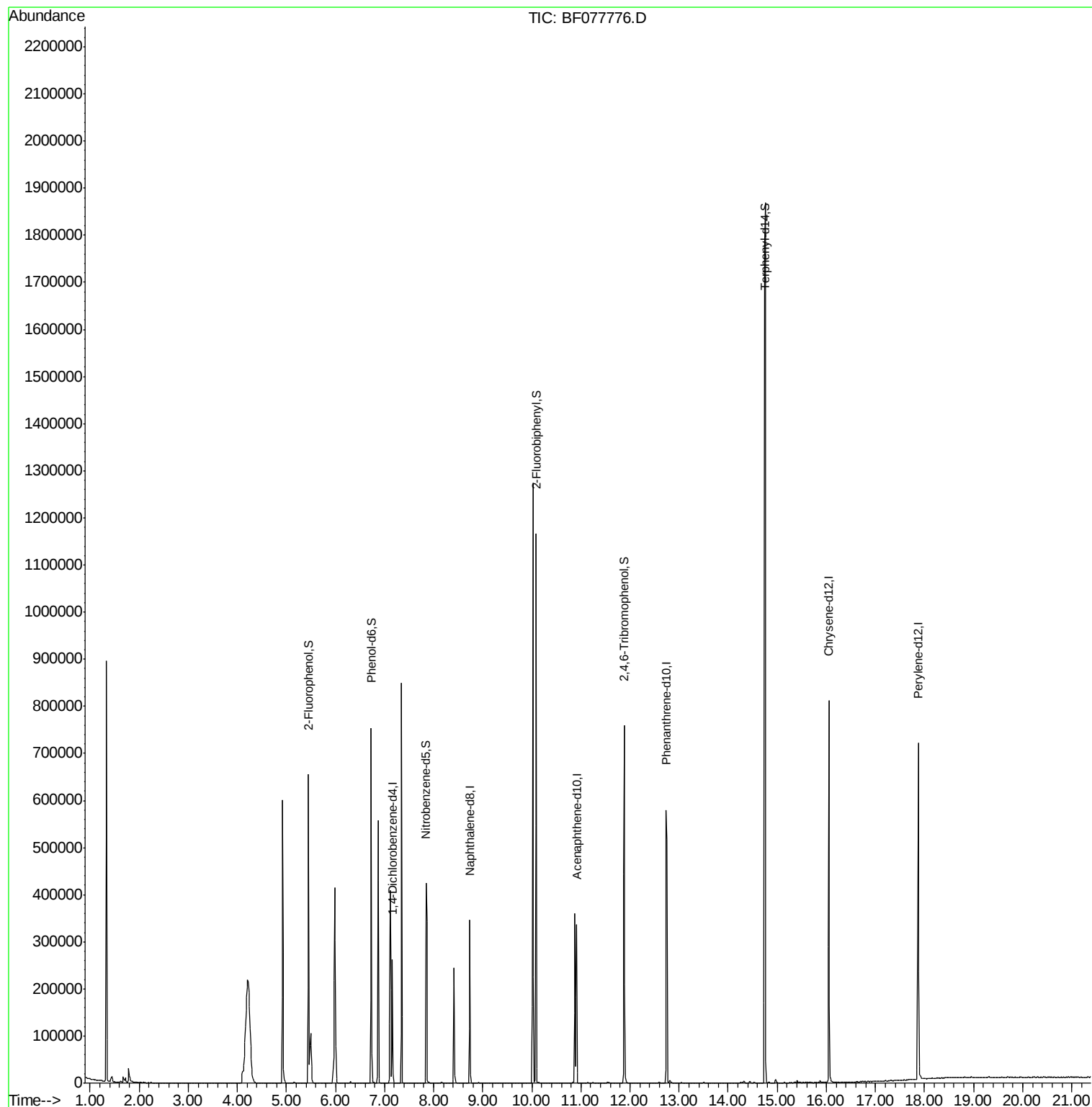
Target Compounds Qvalue

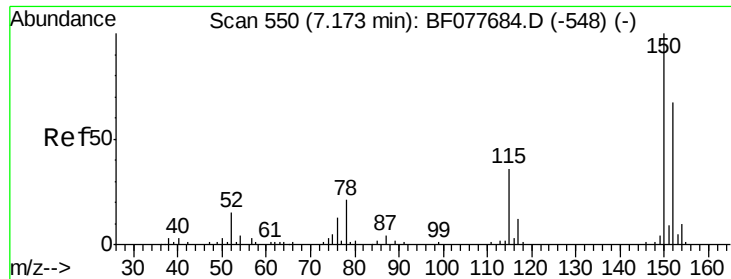
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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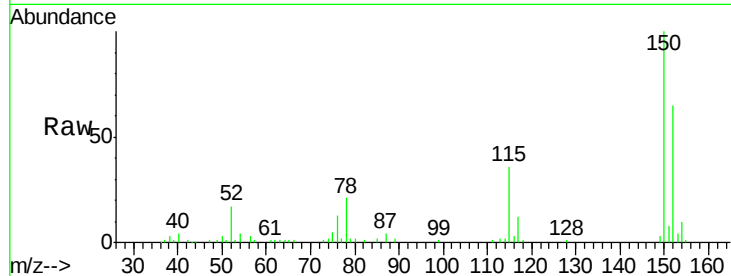


#1

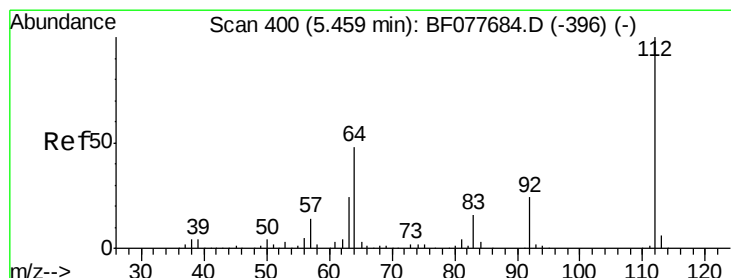
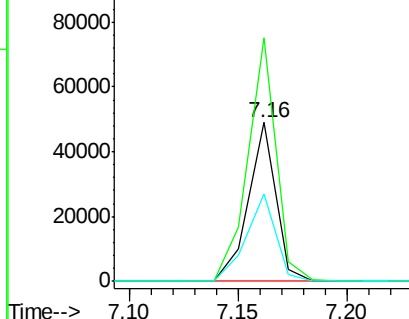
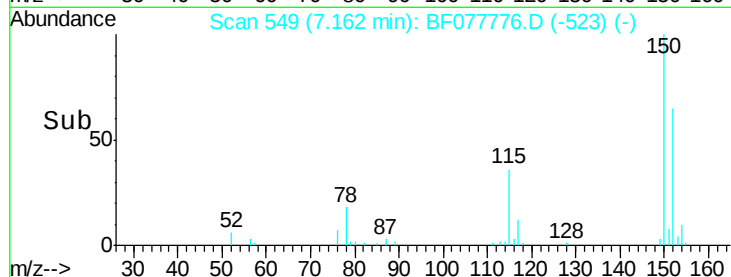
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077776.D
Acq: 17 Mar 2015 17:21

Instrument :
BNA_F
ClientSampleId :
PB82148BL

Tot Ion:152 Resp: 43113
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 54.7 43.0 64.4



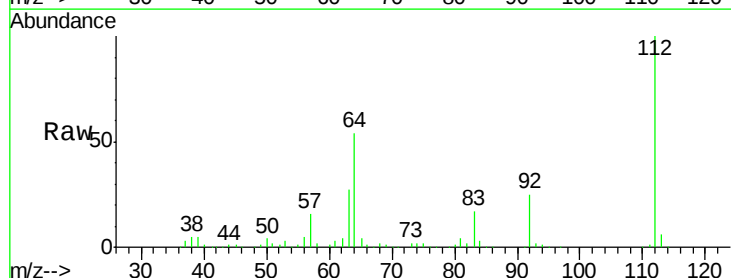
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



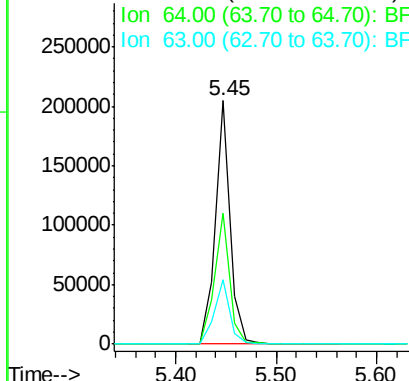
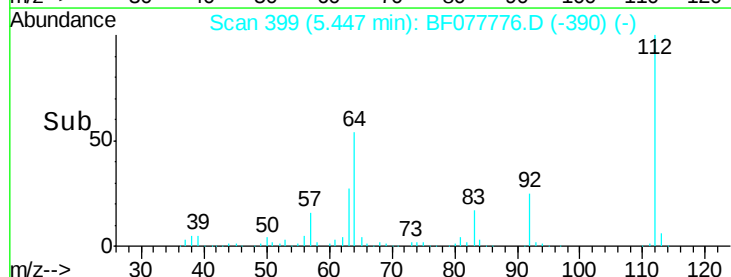
#5

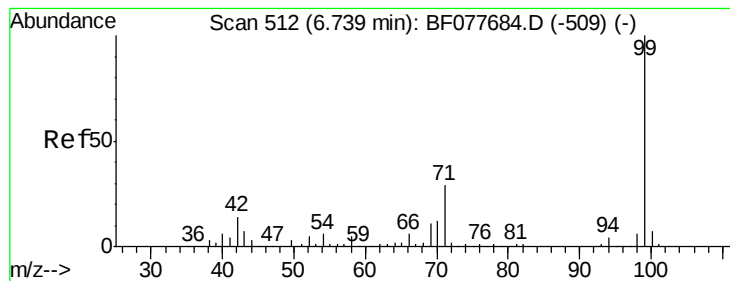
2-Fluorophenol
Concen: 84.36 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF077776.D
Acq: 17 Mar 2015 17:21

Tgt Ion:112 Resp: 208355
Ion Ratio Lower Upper
112 100
64 53.7 38.6 57.8
63 26.6 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: 87.58 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077776.D

Acq: 17 Mar 2015 17:21

Instrument :

BNA_F

ClientSampleId :

PB82148BL

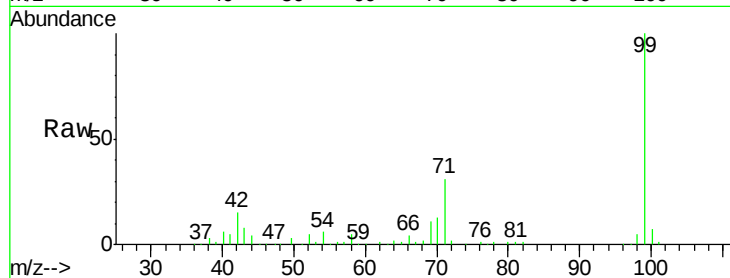
Tot Ion: 99 Resp: 267256

Ion Ratio Lower Upper

99 100

42 15.1 11.0 16.4

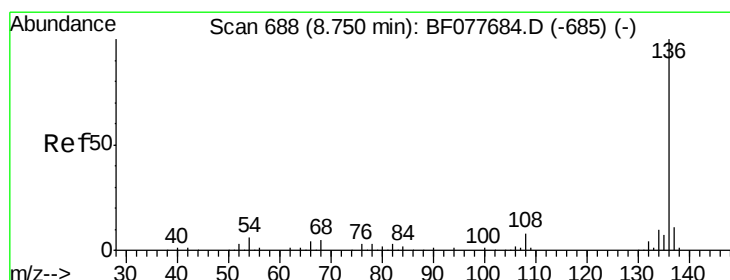
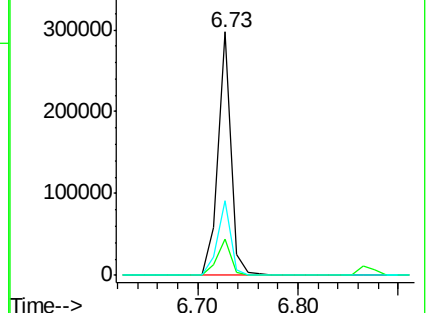
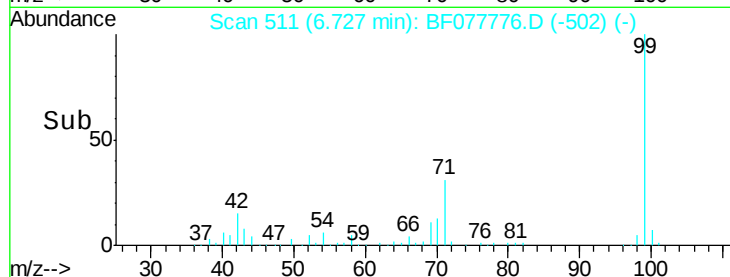
71 30.9 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF077776.D

Acq: 17 Mar 2015 17:21

Tgt Ion: 136 Resp: 170309

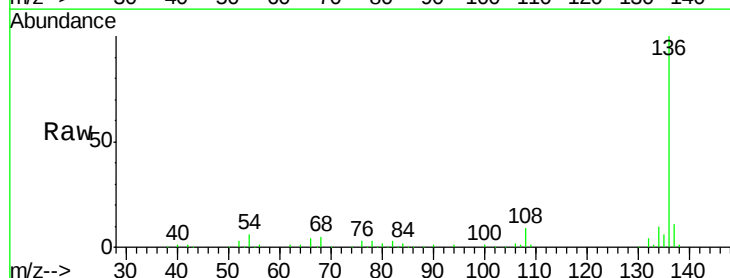
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.3 4.6 6.8

68 5.0 3.7 5.5

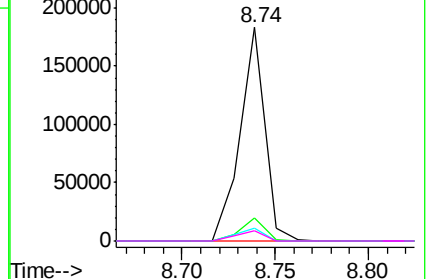
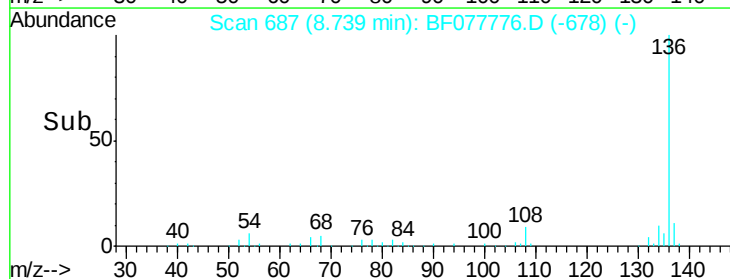


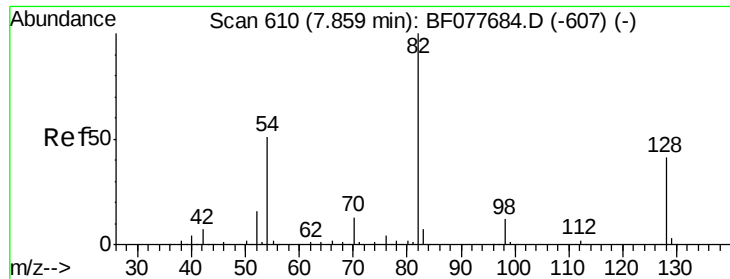
Abundance Ion 136.00 (135.70 to 136.70): E

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

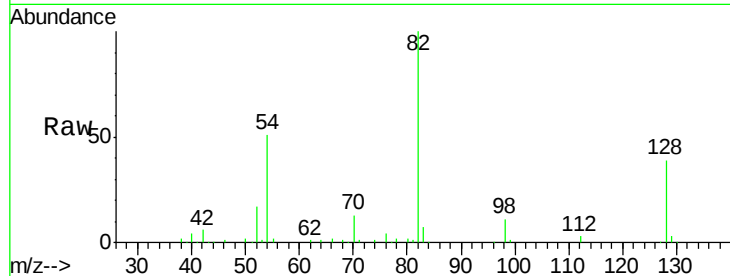




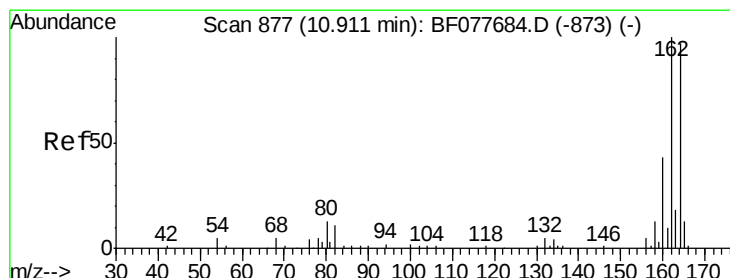
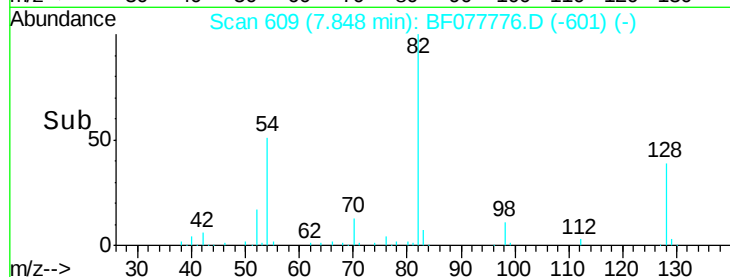
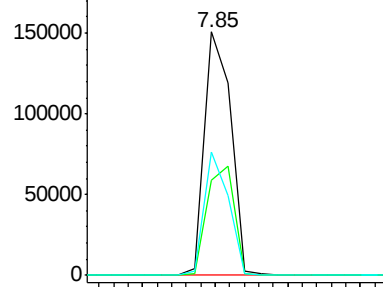
#23
Nitrobenzene-d5
Concen: 73.34 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077776.D
Acq: 17 Mar 2015 17:21

Instrument :
BNA_F
ClientSampleId :
PB82148BL

Tot Ion: 82 Resp: 190540
Ion Ratio Lower Upper
82 100
128 39.3 32.8 49.2
54 50.9 40.6 60.8

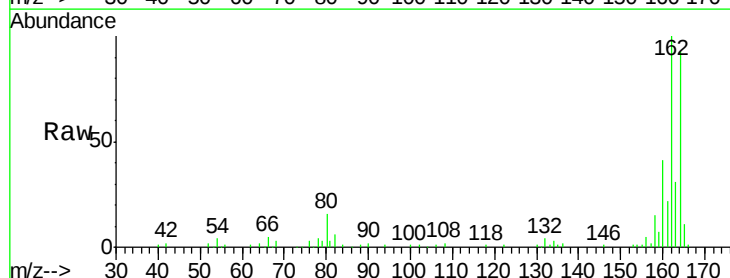


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

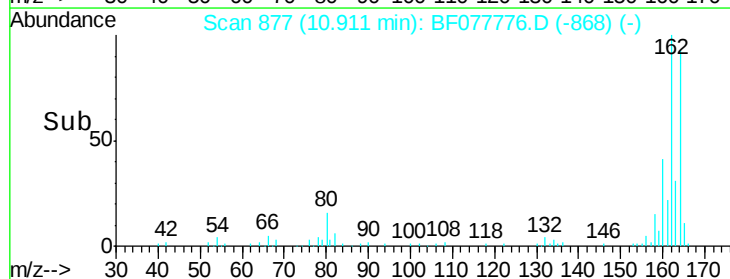
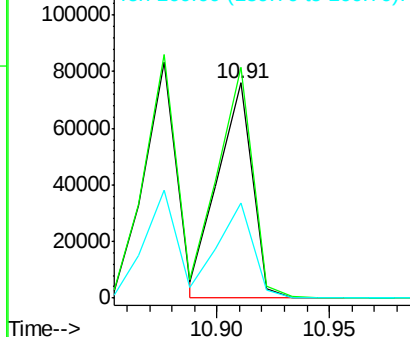


#38
Acenaphthene-d10
Concen: 20.00 ng m
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077776.D
Acq: 17 Mar 2015 17:21

Tgt Ion:164 Resp: 81643
Ion Ratio Lower Upper
164 100
162 107.1 82.4 123.6
160 44.1 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

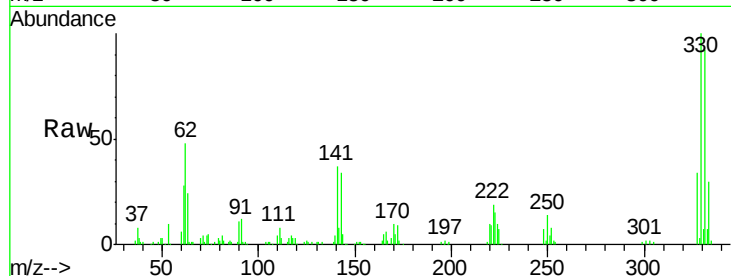




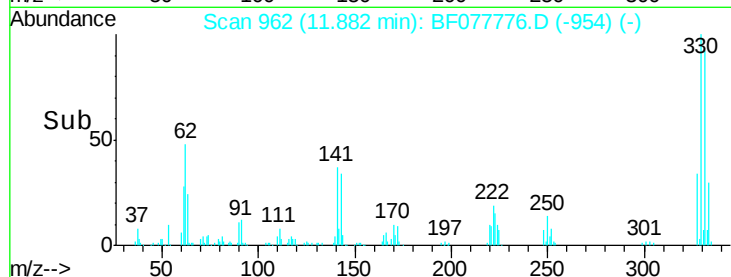
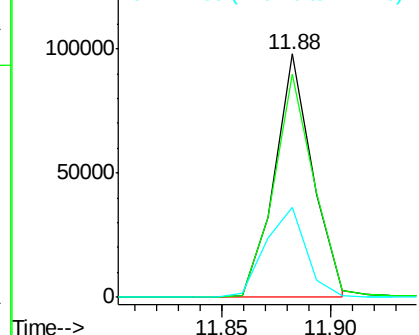
#41
 2,4,6-Tribromophenol
 Concen: 153.47 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077776.D
 Acq: 17 Mar 2015 17:21

Instrument :
 BNA_F
 ClientSampled :
 PB82148BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	39.2	0.0	0.0#

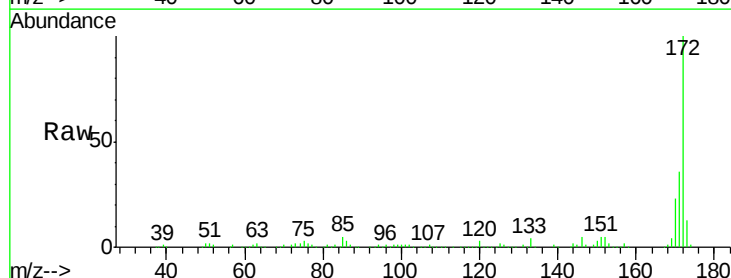


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

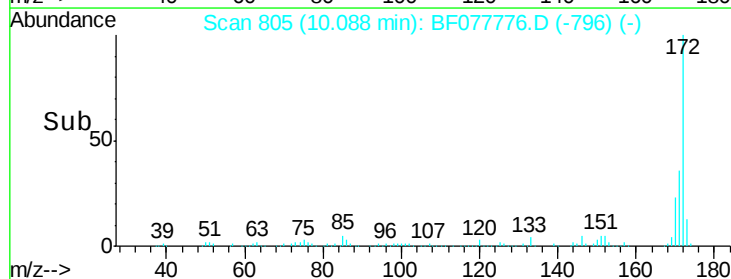
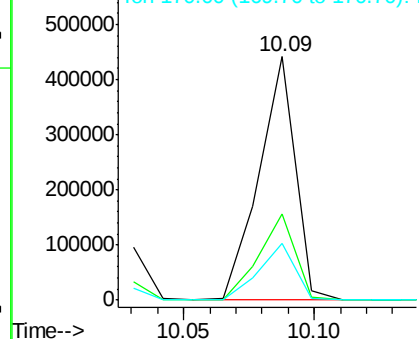


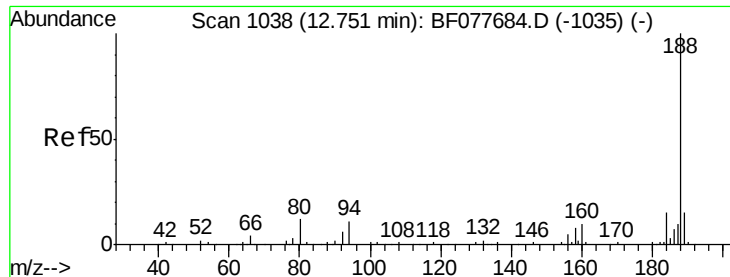
#44
 2-Fluorobiphenyl
 Concen: 77.52 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077776.D
 Acq: 17 Mar 2015 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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. -0.01 min

Lab File: BF077776.D

Acq: 17 Mar 2015 17:21

Instrument :

BNA_F

ClientSampleId :

PB82148BL

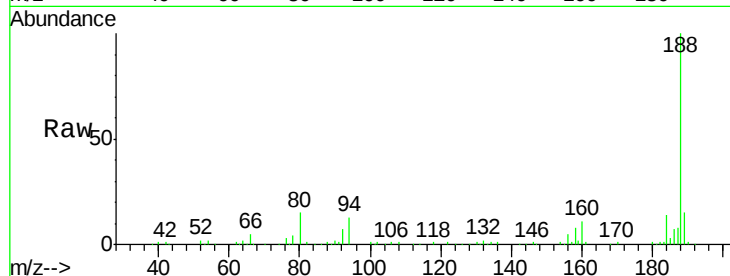
Tot Ion:188 Resp: 319394

Ion Ratio Lower Upper

188 100

94 13.1 8.7 13.1#

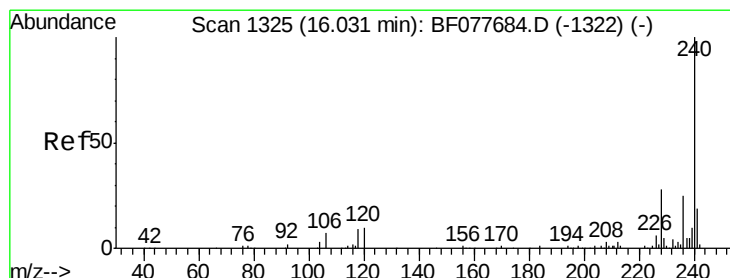
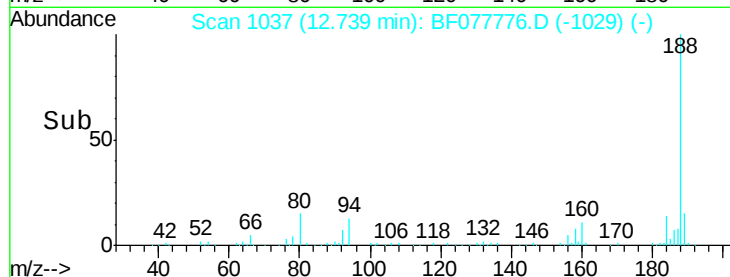
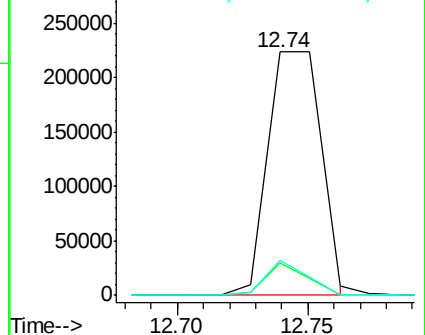
80 14.6 9.3 13.9#



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: 16.05 min Scan# 1327

Delta R.T. 0.02 min

Lab File: BF077776.D

Acq: 17 Mar 2015 17:21

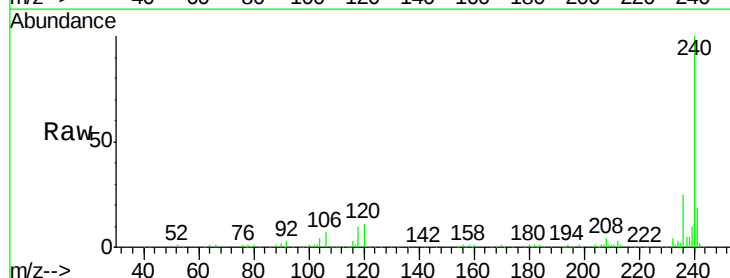
Tgt Ion:240 Resp: 343859

Ion Ratio Lower Upper

240 100

120 11.1 8.2 12.2

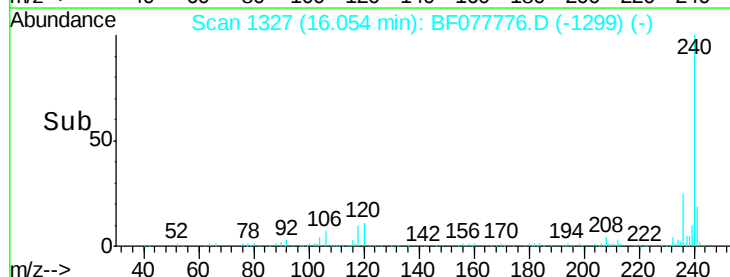
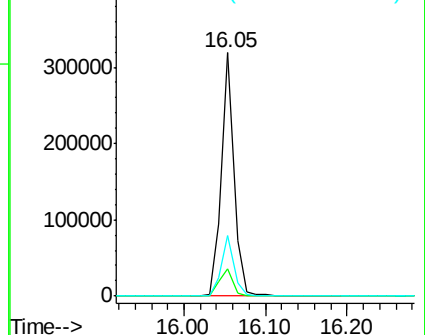
236 25.0 20.0 30.0

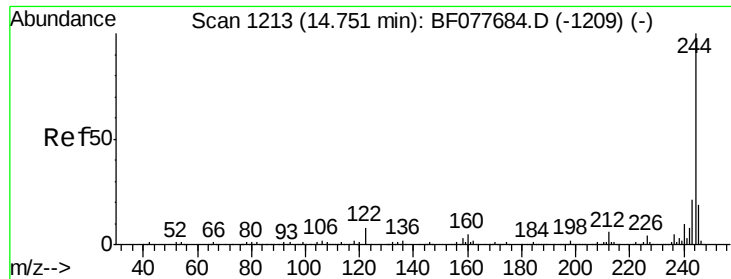


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

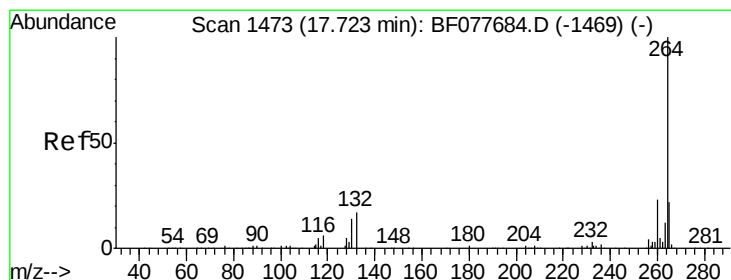
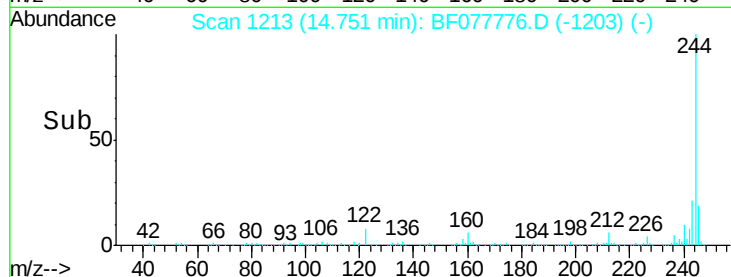
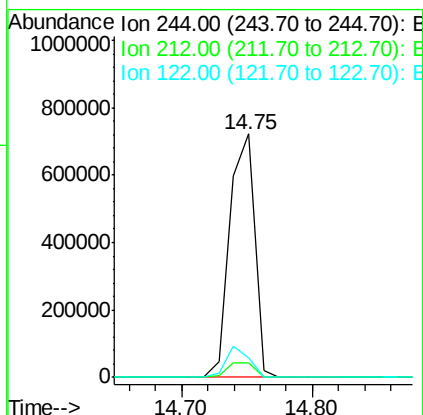
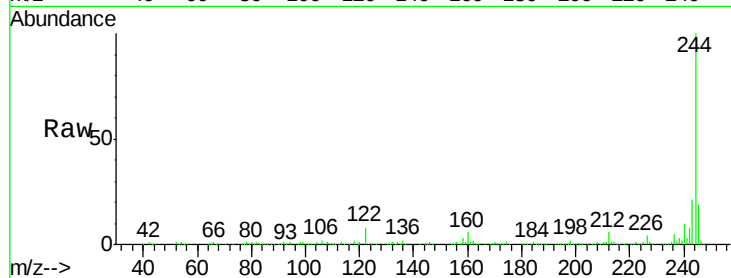




#78
 Terphenyl-d14
 Concen: 67.89 ng
 RT: 14.75 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF077776.D
 Acq: 17 Mar 2015 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BL

Tot Ion:244 Resp: 955643
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.9 7.3
 122 8.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.87 min Scan# 1486
 Delta R.T. 0.13 min
 Lab File: BF077776.D
 Acq: 17 Mar 2015 17:21

Tgt Ion:264 Resp: 342103
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 27.8
 265 21.9 17.3 25.9

