

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077954.D
 Acq On : 25 Mar 2015 16:33
 Operator : TP/IZ
 Sample : PB82256BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82256BL

Quant Time: Mar 26 03:40:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	38903	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	161898	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	80280	20.00	ng	0.00
63) Phenanthrene-d10	12.68	188	163211	20.00	ng	0.00
75) Chrysene-d12	16.17	240	184410	20.00	ng	0.19
86) Perylene-d12	18.31	264	185672m	20.00	ng	0.56
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	263159	118.08	ng	0.00
7) Phenol-d6	6.67	99	311726	113.21	ng	0.00
23) Nitrobenzene-d5	7.79	82	188154	76.18	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	80406	104.68	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	389607	71.32	ng	0.00
78) Terphenyl-d14	14.72	244	508814	67.40	ng	0.05

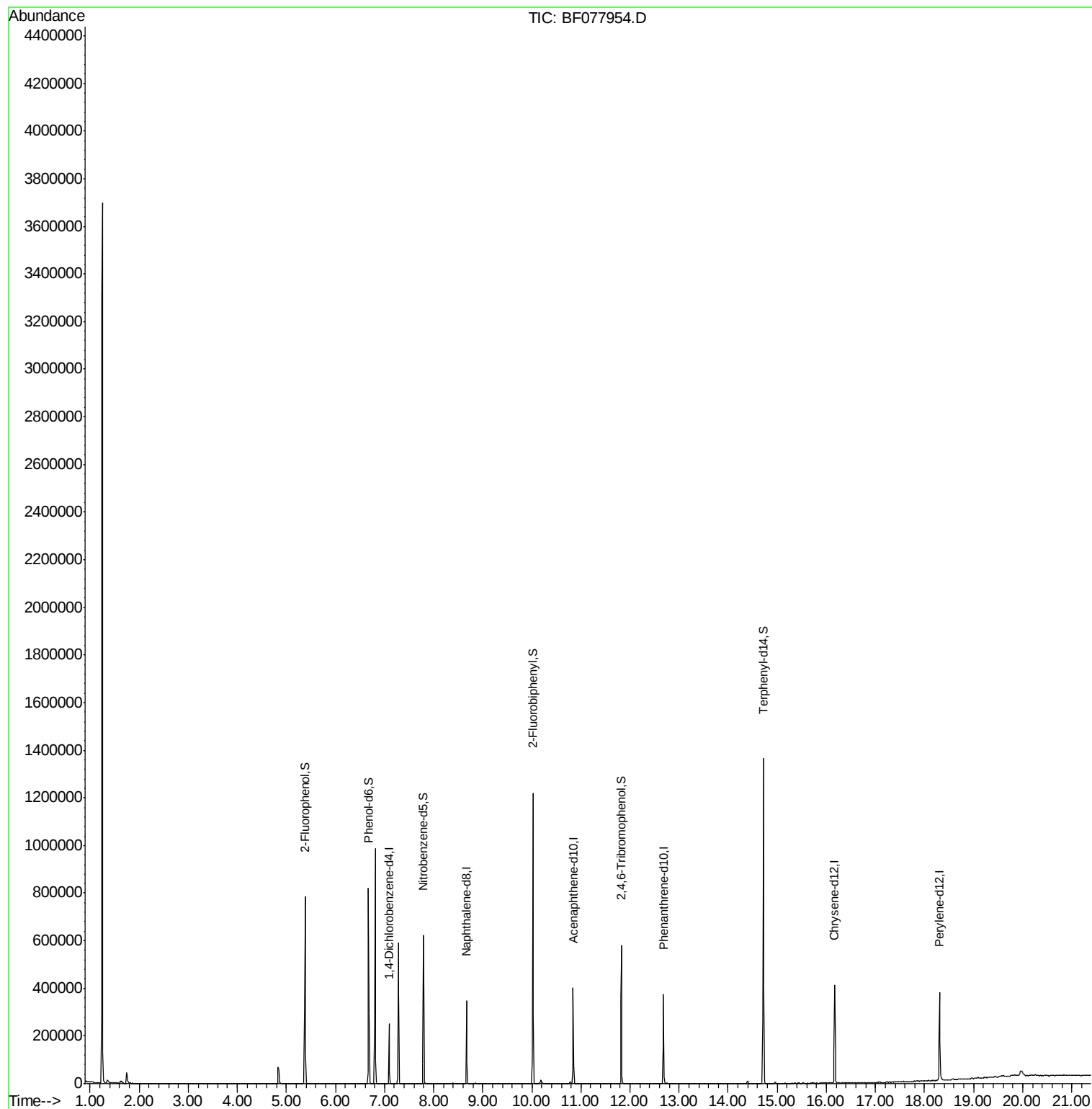
Target Compounds Qvalue

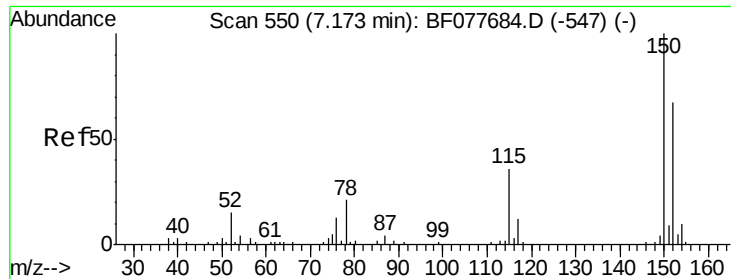
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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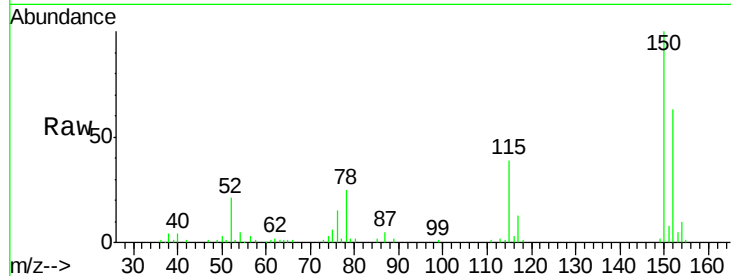


#1

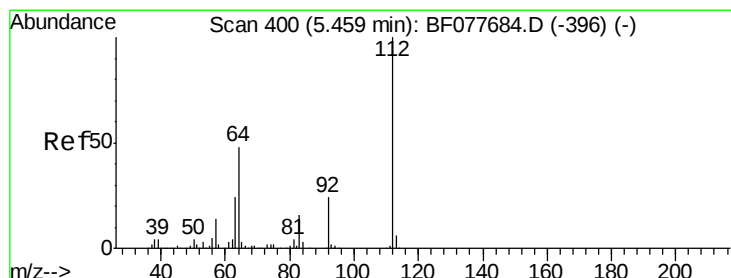
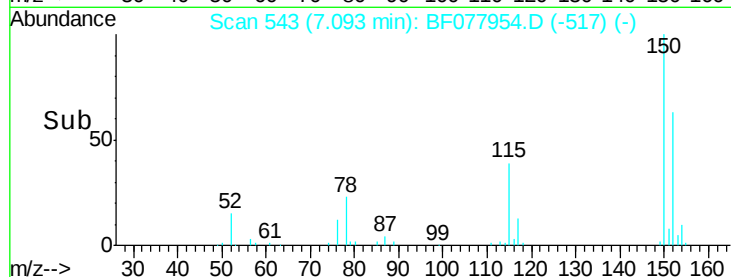
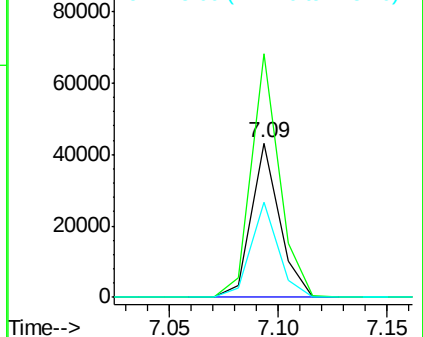
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077954.D
Acq: 25 Mar 2015 16:33

Instrument :
BNA_F
ClientSampled :
PB82256BL

Tot Ion:152 Resp: 38903
Ion Ratio Lower Upper
152 100
150 158.1 119.5 179.3
115 61.7 43.0 64.4



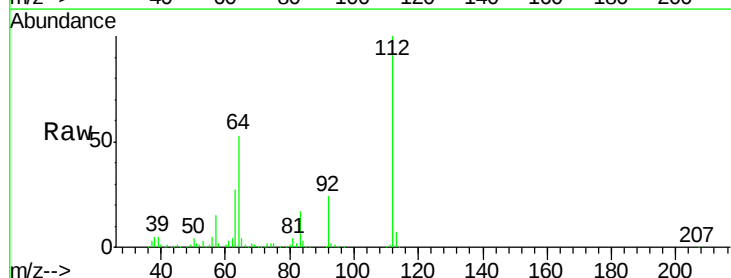
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



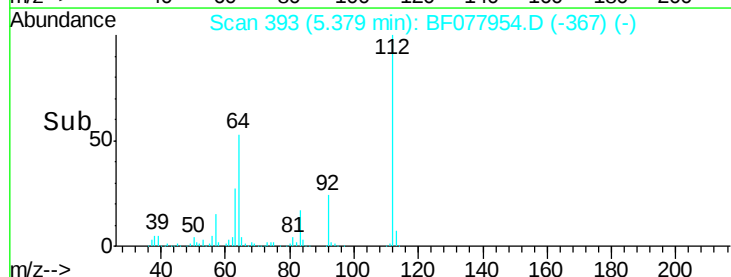
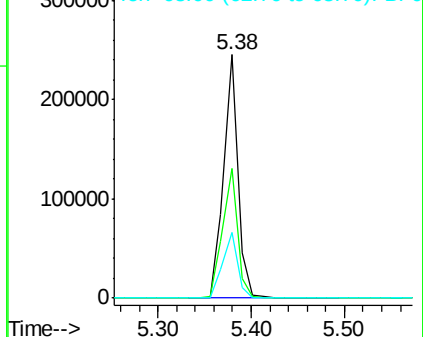
#5

2-Fluorophenol
Concen: 118.08 ng
RT: 5.38 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF077954.D
Acq: 25 Mar 2015 16:33

Tgt Ion:112 Resp: 263159
Ion Ratio Lower Upper
112 100
64 53.1 38.6 57.8
63 27.1 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: 113.21 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB82256BL

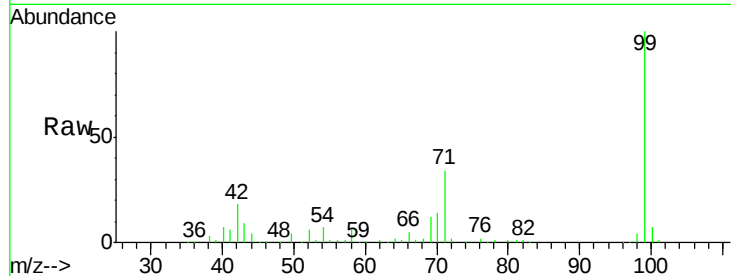
Tot Ion: 99 Resp: 311726

Ion Ratio Lower Upper

99 100

42 18.4 11.0 16.4#

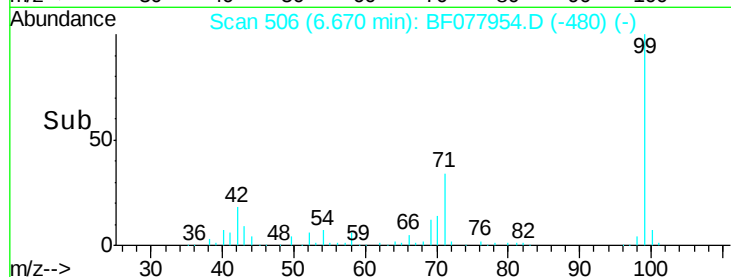
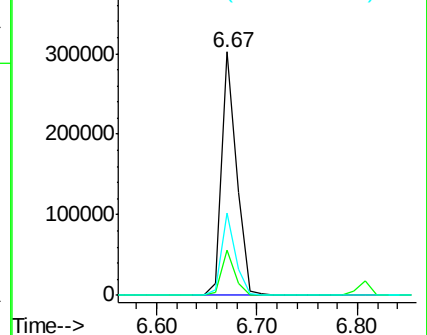
71 33.8 23.4 35.2



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: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

Tgt Ion: 136 Resp: 161898

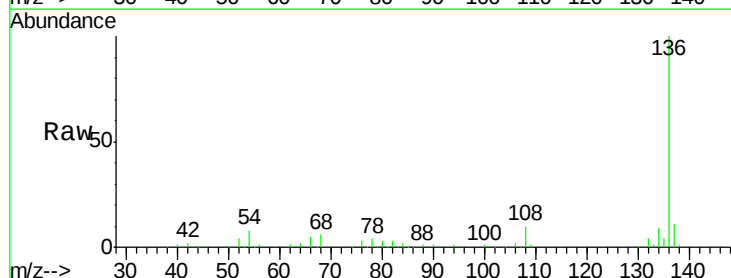
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.7 4.6 6.8#

68 6.0 3.7 5.5#

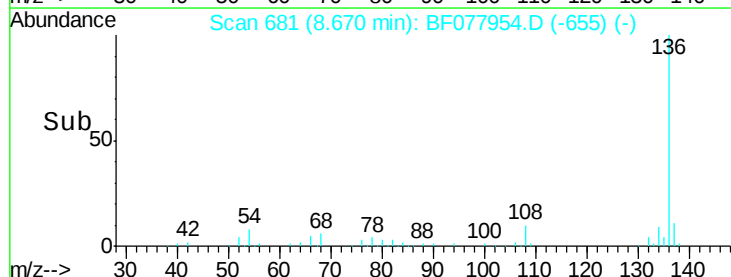
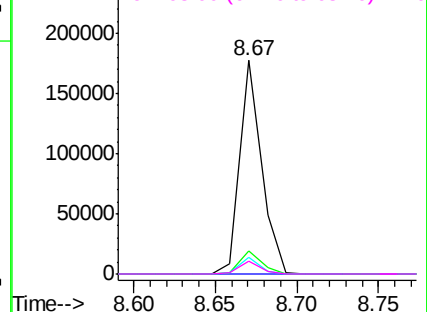


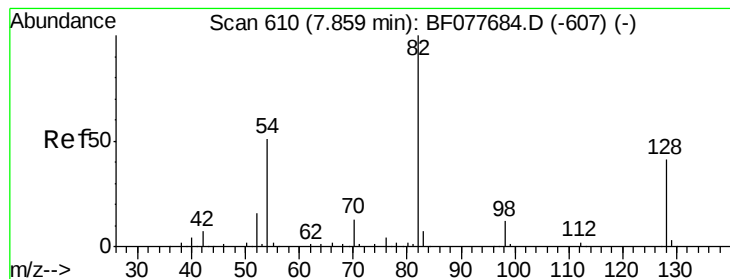
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.18 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB82256BL

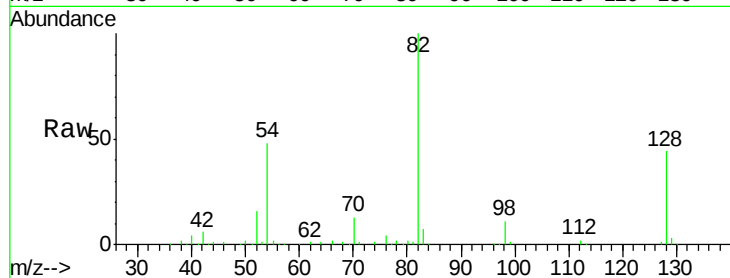
Tot Ion: 82 Resp: 188154

Ion Ratio Lower Upper

82 100

128 44.1 32.8 49.2

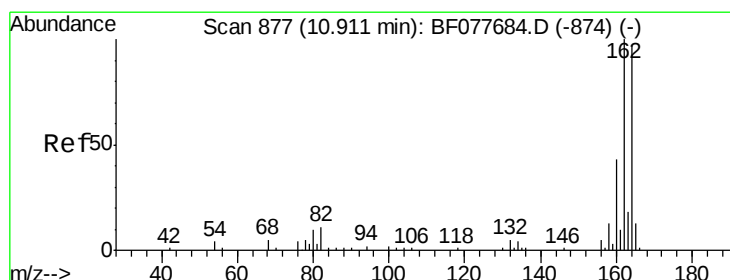
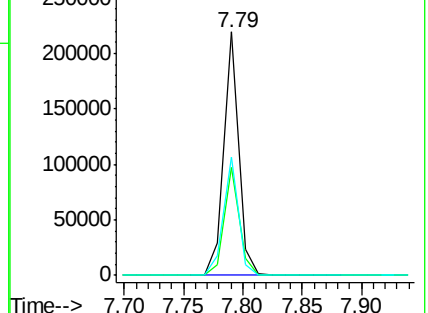
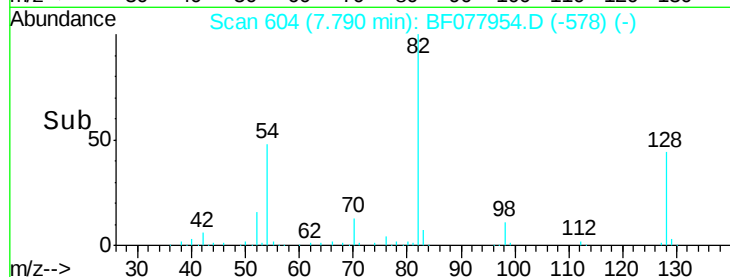
54 48.5 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

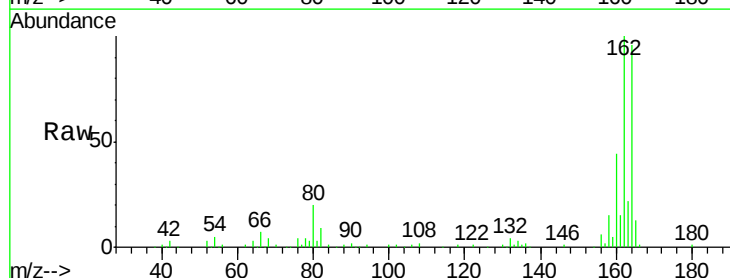
Tgt Ion: 164 Resp: 80280

Ion Ratio Lower Upper

164 100

162 104.1 82.4 123.6

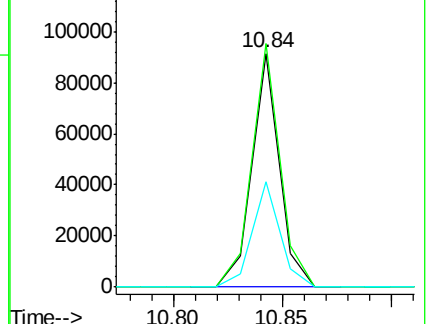
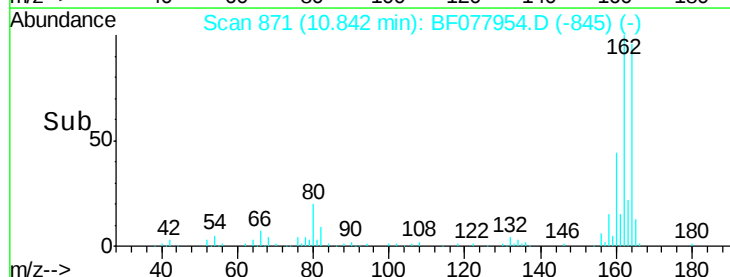
160 45.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)

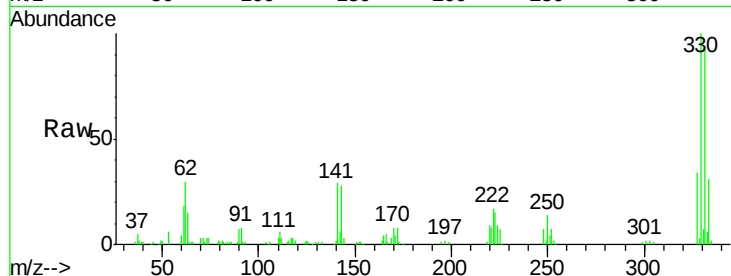




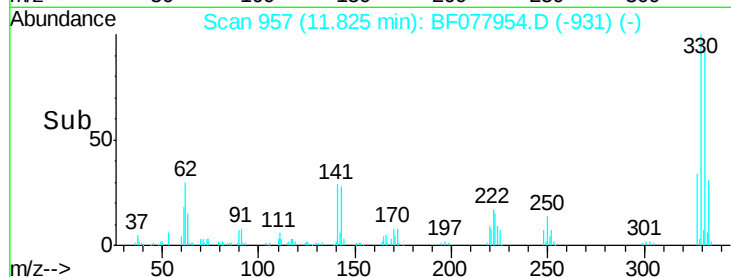
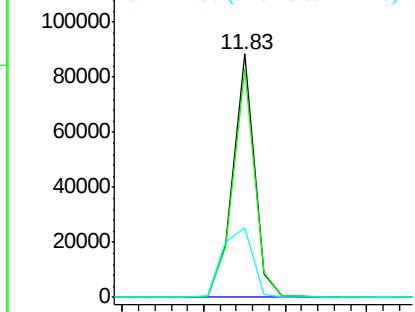
#41
 2,4,6-Tribromophenol
 Concen: 104.68 ng
 RT: 11.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077954.D
 Acq: 25 Mar 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB82256BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	40.0	0.0	0.0#

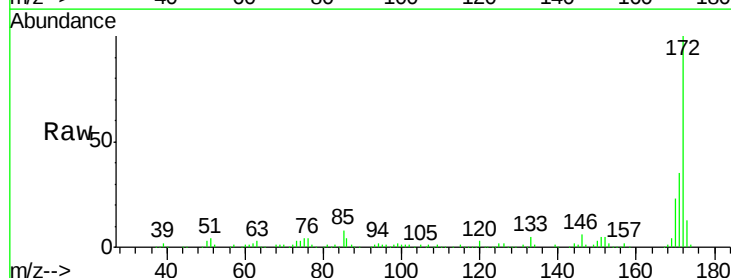


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

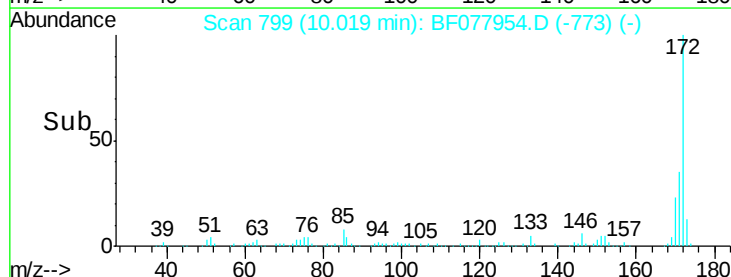
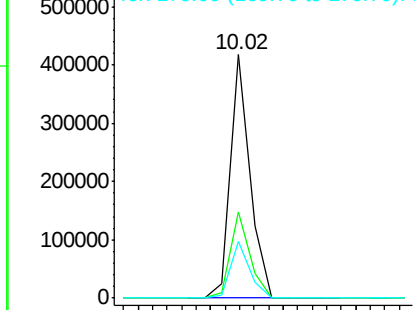


#44
 2-Fluorobiphenyl
 Concen: 71.32 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077954.D
 Acq: 25 Mar 2015 16:33

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

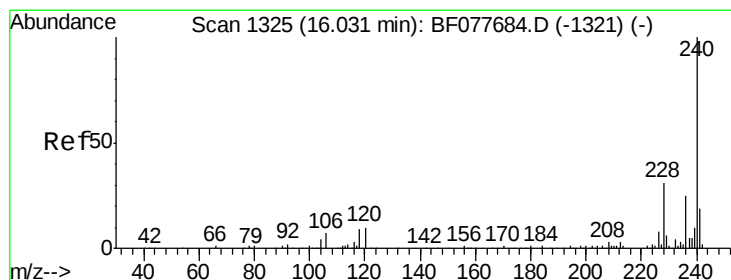
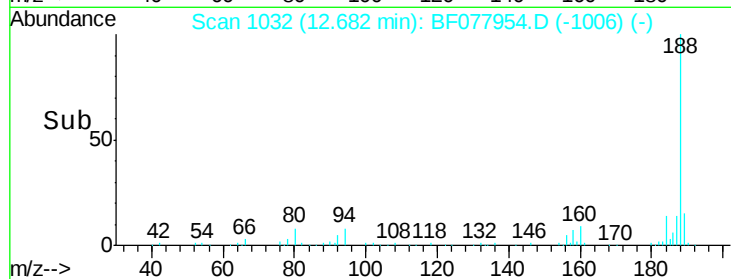
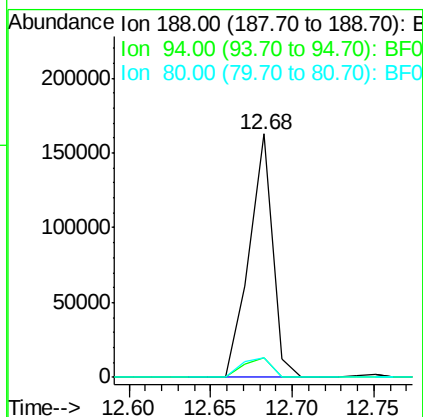
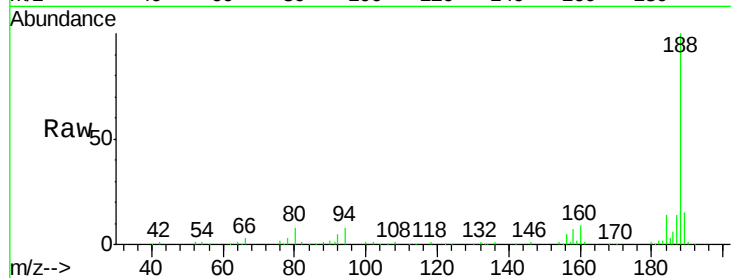




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.68 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF077954.D
Acq: 25 Mar 2015 16:33

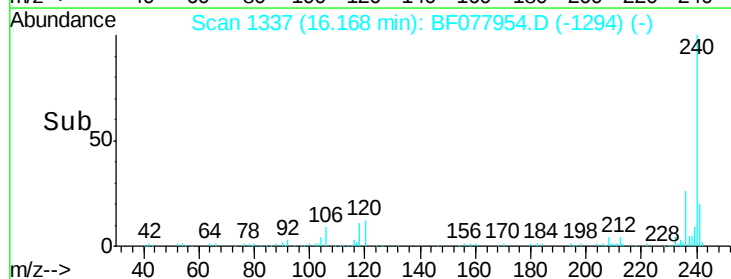
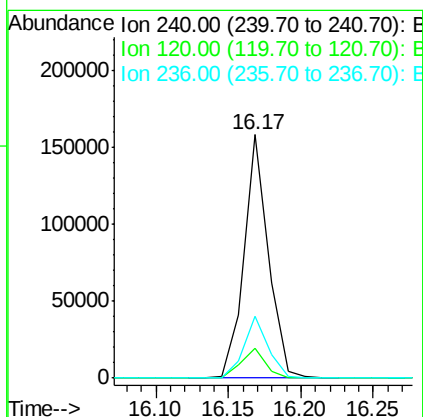
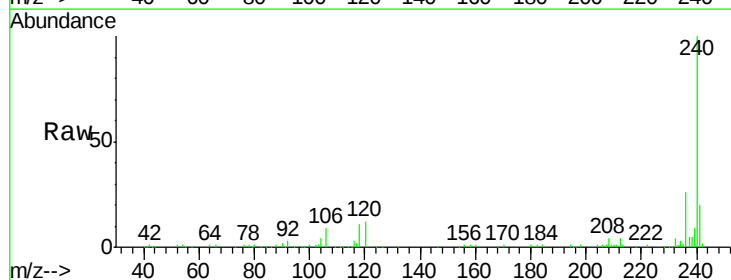
Instrument :
BNA_F
ClientSampleId :
PB82256BL

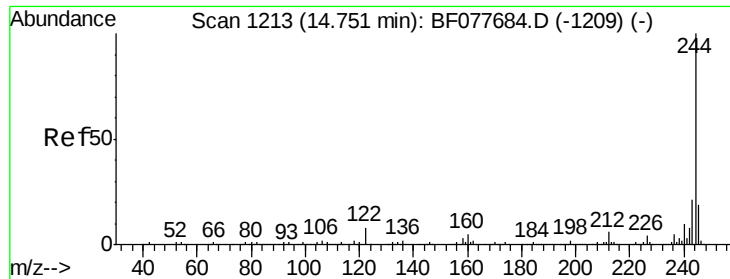
Tot Ion:188 Resp: 163211
Ion Ratio Lower Upper
188 100
94 8.3 8.7 13.1#
80 8.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 1337
Delta R.T. 0.19 min
Lab File: BF077954.D
Acq: 25 Mar 2015 16:33

Tgt Ion:240 Resp: 184410
Ion Ratio Lower Upper
240 100
120 12.4 8.2 12.2#
236 25.7 20.0 30.0





#78

Terphenyl-d14

Concen: 67.40 ng

RT: 14.72 min Scan# 1210

Delta R.T. 0.05 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB82256BL

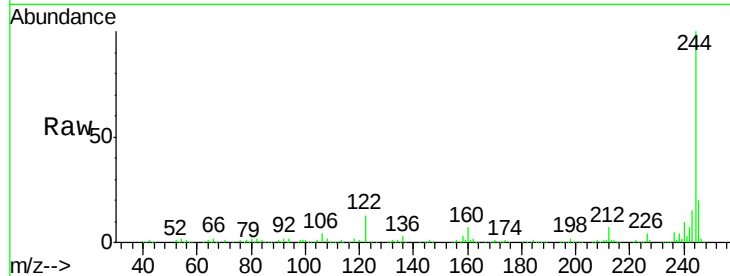
Tot Ion:244 Resp: 508814

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

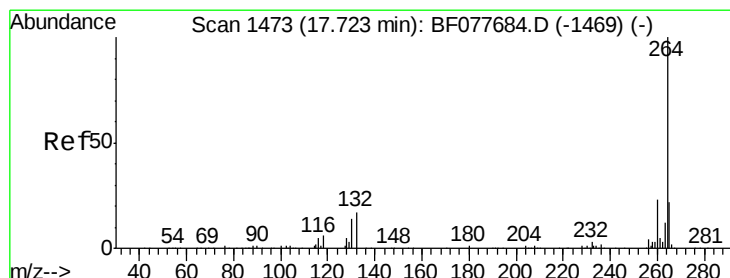
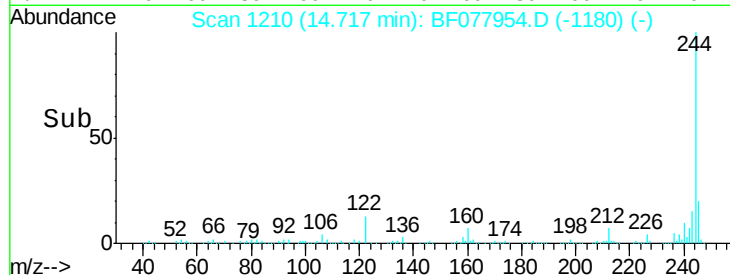
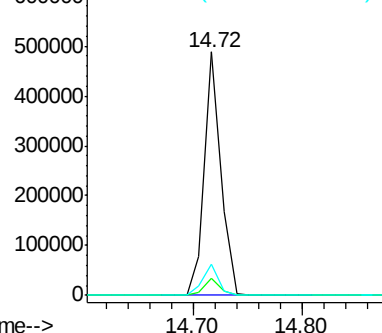
122 12.5 6.2 9.4#



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 m

RT: 18.31 min Scan# 1524

Delta R.T. 0.56 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

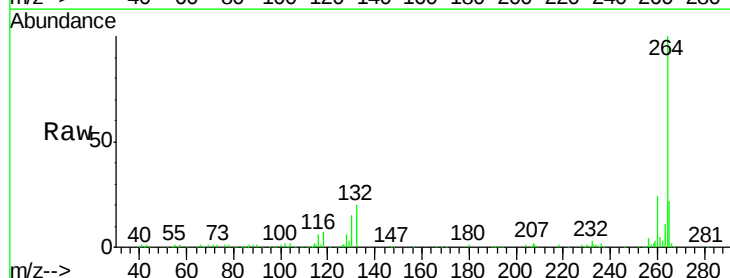
Tgt Ion:264 Resp: 185672

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.2 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

