

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077802.D
 Acq On : 18 Mar 2015 18:15
 Operator : TP/IZ
 Sample : PB82152BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BL

Quant Time: Mar 19 00:49:46 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 14:04:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	41689	20.00	ng	-0.01
21) Naphthalene-d8	8.74	136	166935	20.00	ng	-0.01
38) Acenaphthene-d10	10.90	164	79264	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	161937	20.00	ng	-0.01
75) Chrysene-d12	16.02	240	159144	20.00	ng	-0.01
86) Perylene-d12	17.73	264	147357	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	318004	133.15	ng	-0.01
7) Phenol-d6	6.73	99	416408	141.12	ng	-0.01
23) Nitrobenzene-d5	7.85	82	214229	84.12	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	88232	116.34	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	484629	89.85	ng	0.00
78) Terphenyl-d14	14.74	244	568055	87.19	ng	0.00

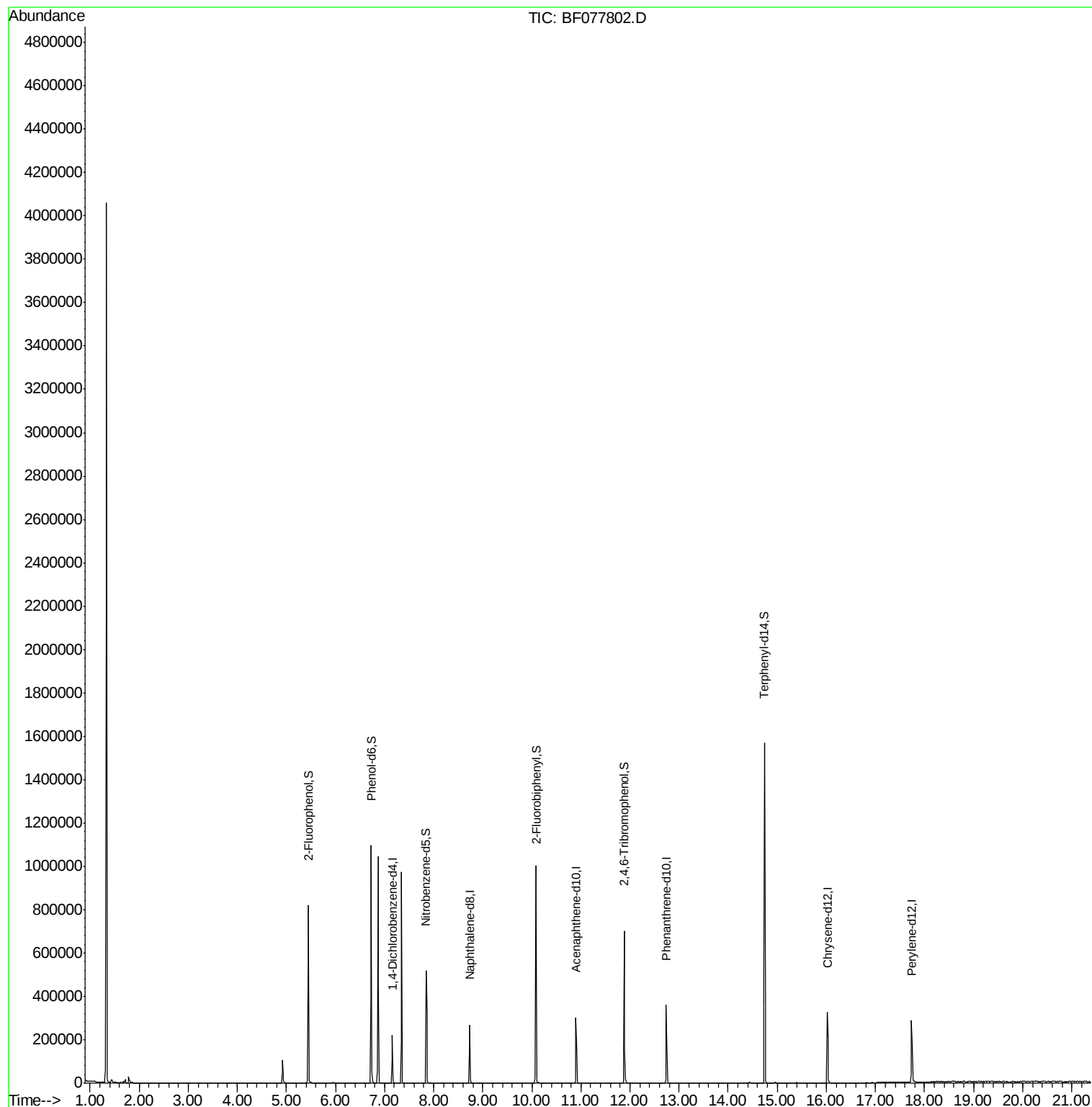
Target Compounds	Qvalue
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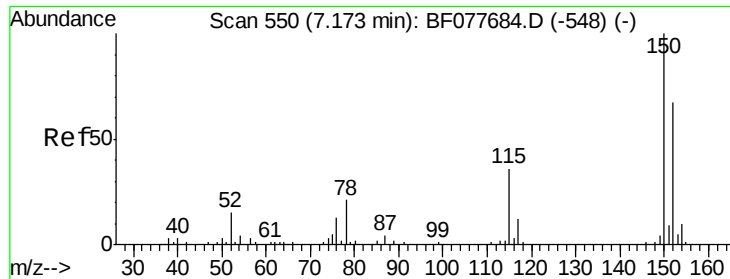
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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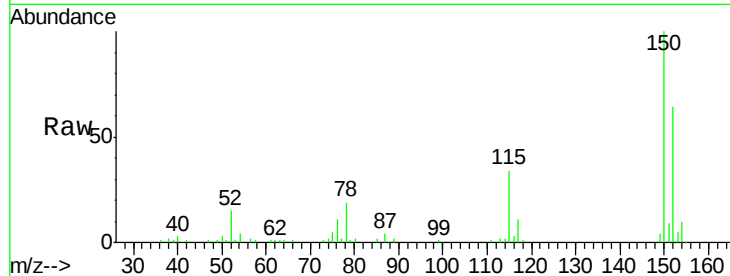




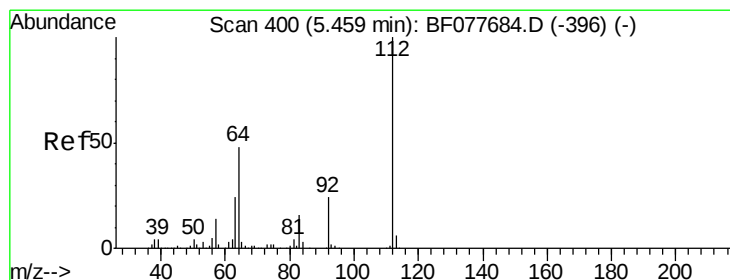
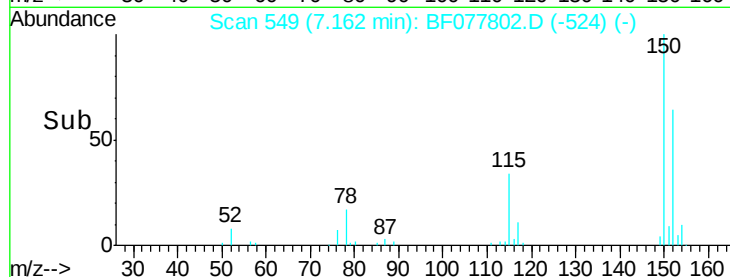
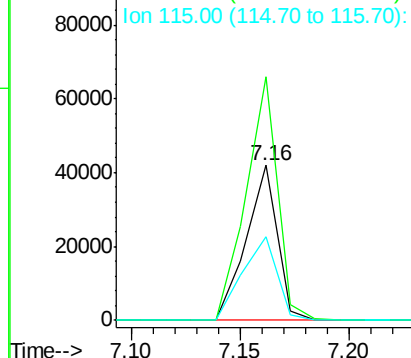
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF077802.D
 Acq: 18 Mar 2015 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BL

Tgt Ion:152 Resp: 41689
 Ion Ratio Lower Upper
 152 100
 150 156.9 119.5 179.3
 115 53.9 43.0 64.4

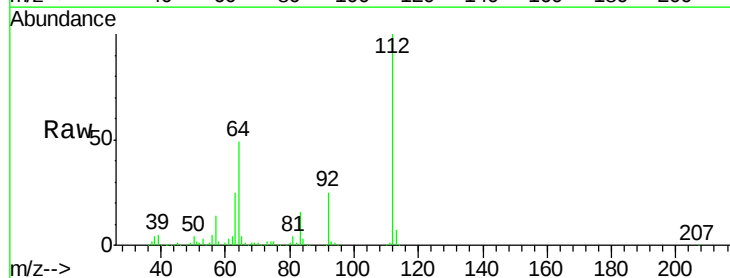


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

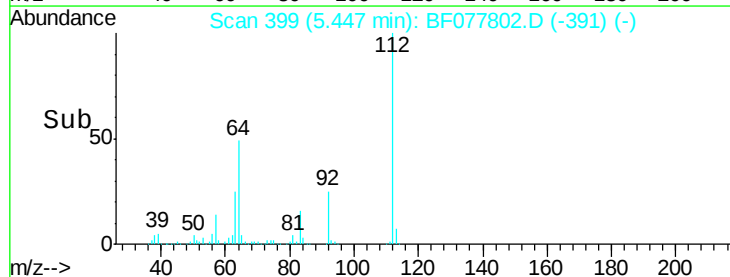
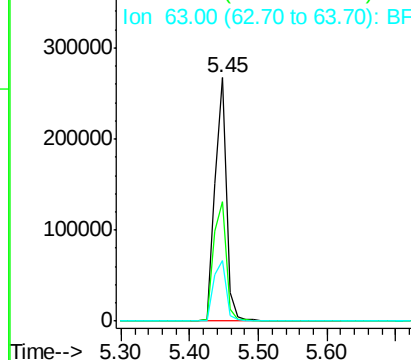


#5
 2-Fluorophenol
 Concen: 133.15 ng
 RT: 5.45 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF077802.D
 Acq: 18 Mar 2015 18:15

Tgt Ion:112 Resp: 318004
 Ion Ratio Lower Upper
 112 100
 64 49.3 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: 141.12 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF077802.D

Acq: 18 Mar 2015 18:15

Instrument :

BNA_F

ClientSampleID :

PB82152BL

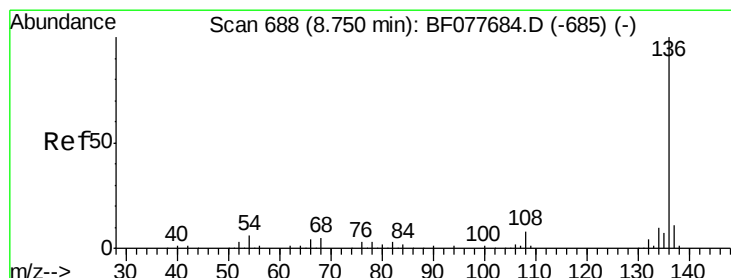
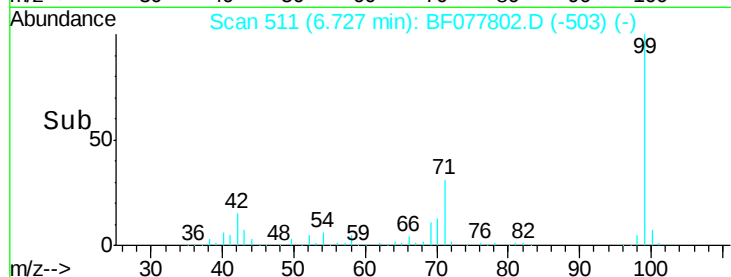
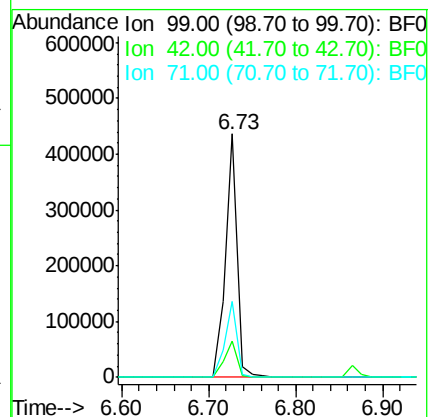
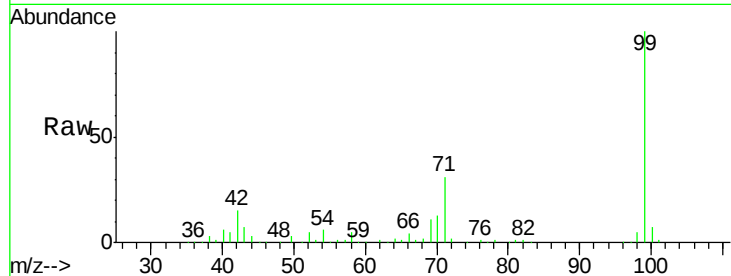
Tgt Ion: 99 Resp: 416408

Ion Ratio Lower Upper

99 100

42 14.7 11.0 16.4

71 31.0 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: BF077802.D

Acq: 18 Mar 2015 18:15

Tgt Ion: 136 Resp: 166935

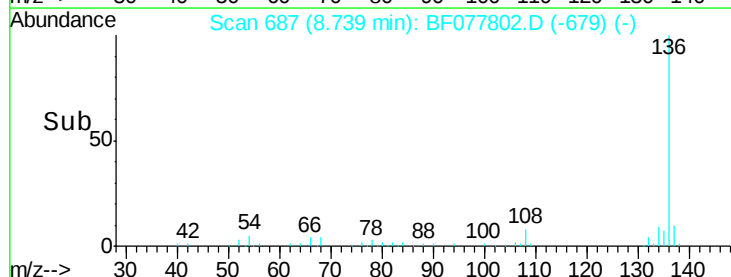
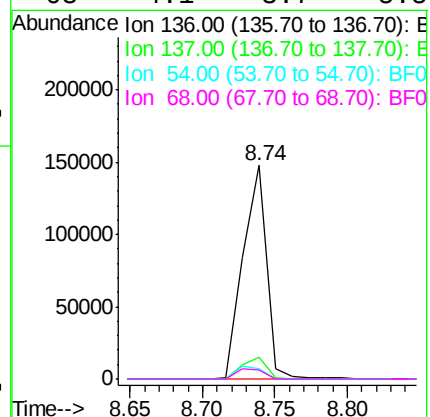
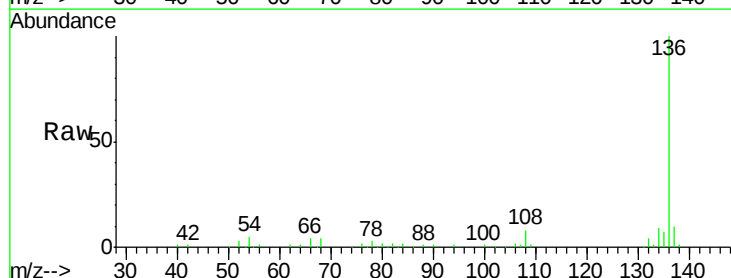
Ion Ratio Lower Upper

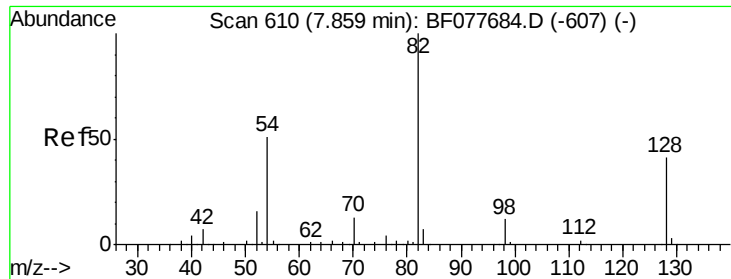
136 100

137 10.3 8.7 13.1

54 5.0 4.6 6.8

68 4.1 3.7 5.5





#23

Nitrobenzene-d5

Concen: 84.12 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF077802.D

Acq: 18 Mar 2015 18:15

Instrument :

BNA_F

ClientSampleID :

PB82152BL

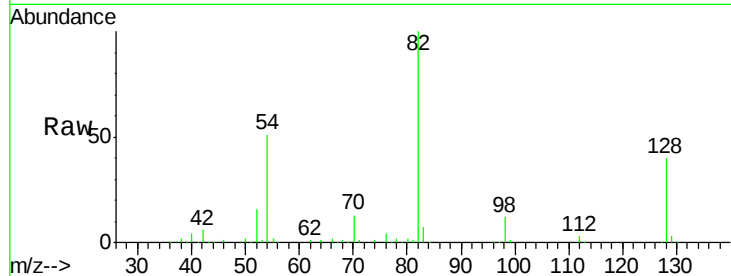
Tgt Ion: 82 Resp: 214229

Ion Ratio Lower Upper

82 100

128 39.6 32.8 49.2

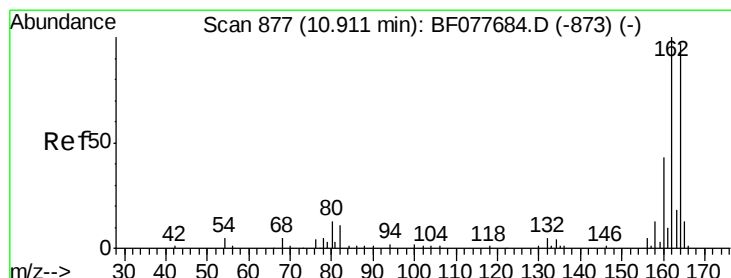
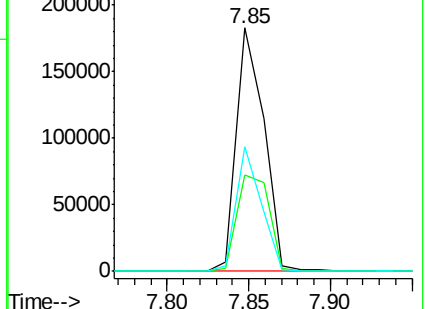
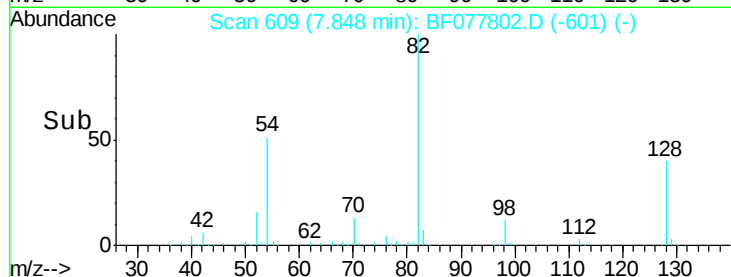
54 51.3 40.6 60.8



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: 10.90 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF077802.D

Acq: 18 Mar 2015 18:15

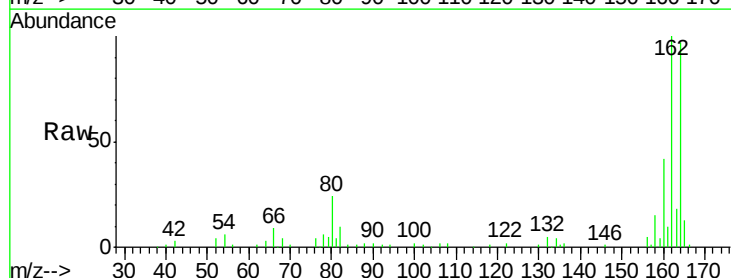
Tgt Ion: 164 Resp: 79264

Ion Ratio Lower Upper

164 100

162 103.0 82.4 123.6

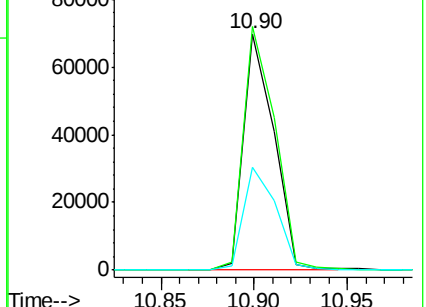
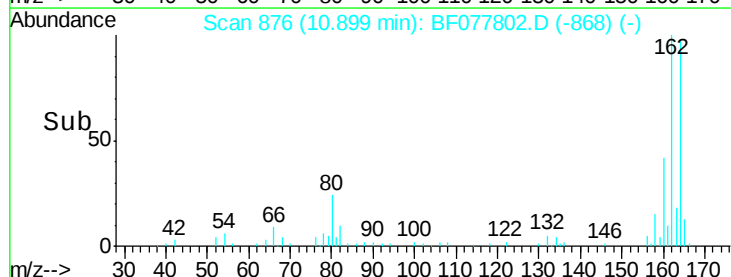
160 43.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-873) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-873) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-873) (-)

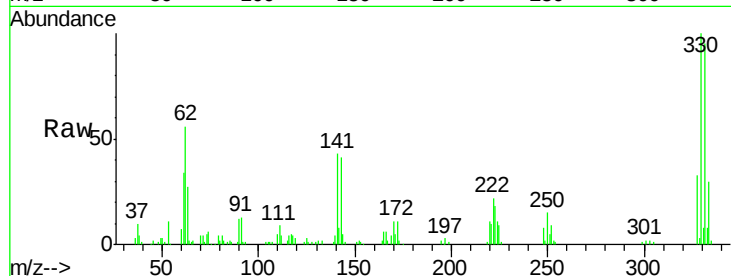




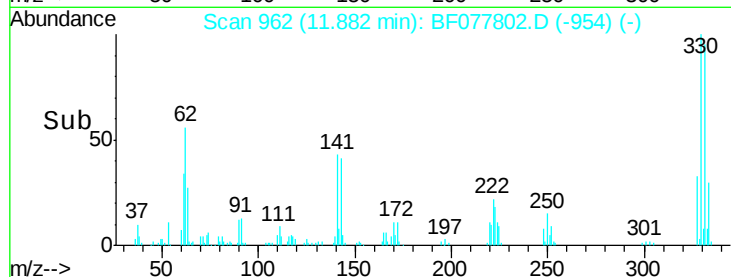
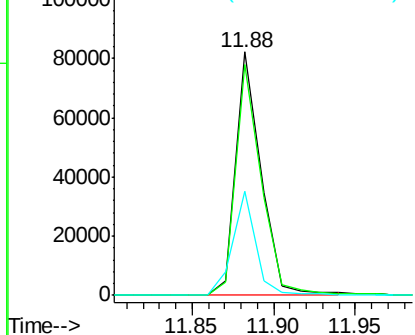
#41
 2,4,6-Tribromophenol
 Concen: 116.34 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077802.D
 Acq: 18 Mar 2015 18:15

Instrument :
 BNA_F
 ClientSampled :
 PB82152BL

Tgt Ion:330 Resp: 88232
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 38.7 0.0 0.0#

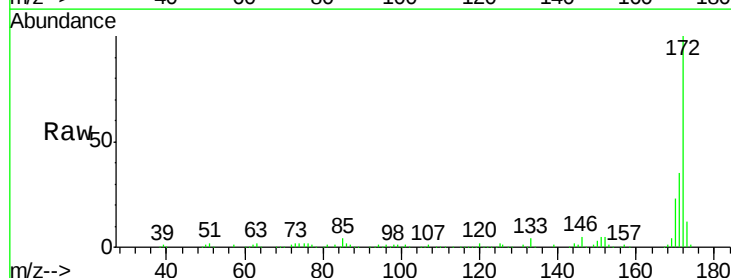


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

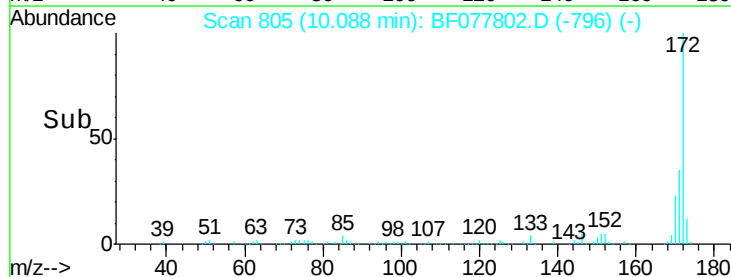
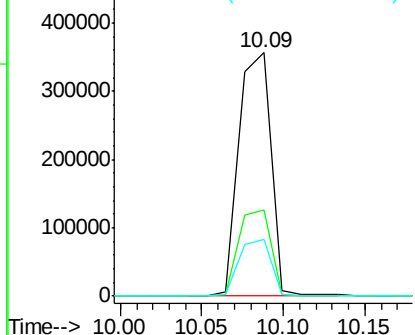


#44
 2-Fluorobiphenyl
 Concen: 89.85 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077802.D
 Acq: 18 Mar 2015 18:15

Tgt Ion:172 Resp: 484629
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.4 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

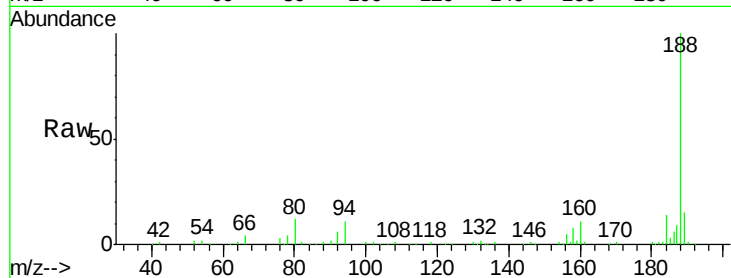




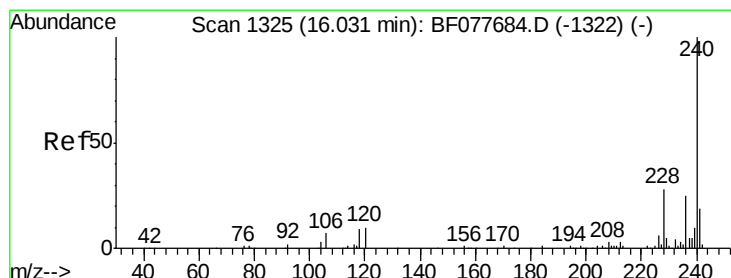
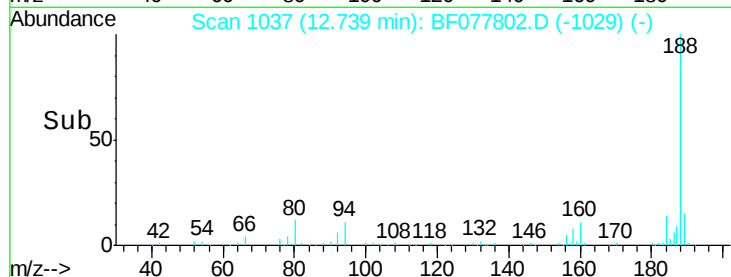
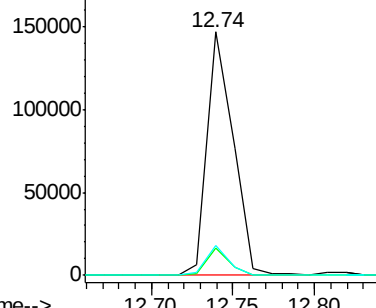
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF077802.D
Acq: 18 Mar 2015 18:15

Instrument :
BNA_F
ClientSampleId :
PB82152BL

Tgt Ion:188 Resp: 161937
Ion Ratio Lower Upper
188 100
94 11.5 8.7 13.1
80 12.4 9.3 13.9

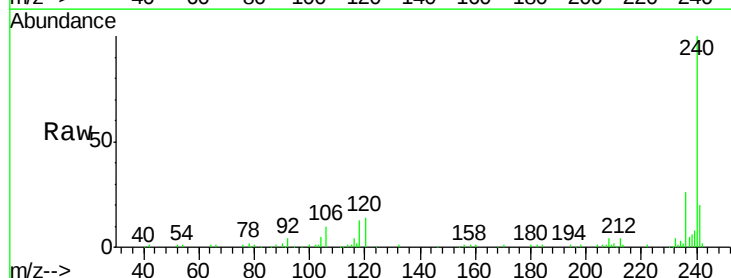


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

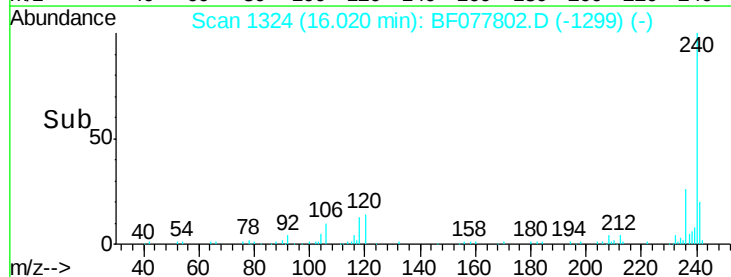
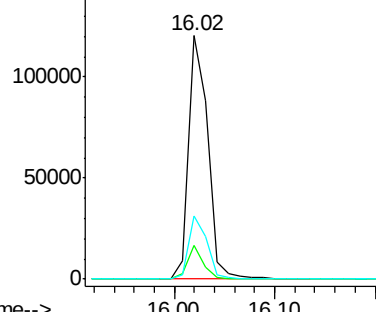


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077802.D
Acq: 18 Mar 2015 18:15

Tgt Ion:240 Resp: 159144
Ion Ratio Lower Upper
240 100
120 14.0 8.2 12.2#
236 25.8 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

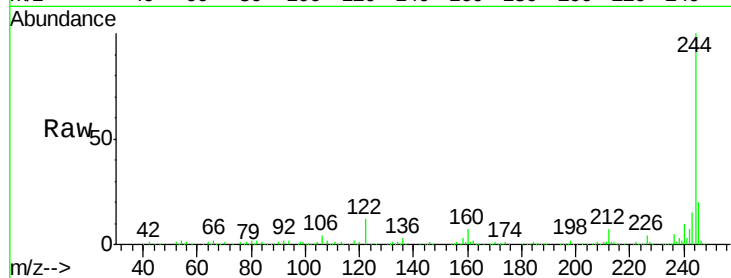




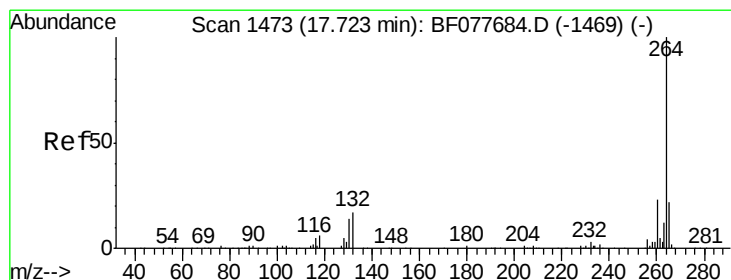
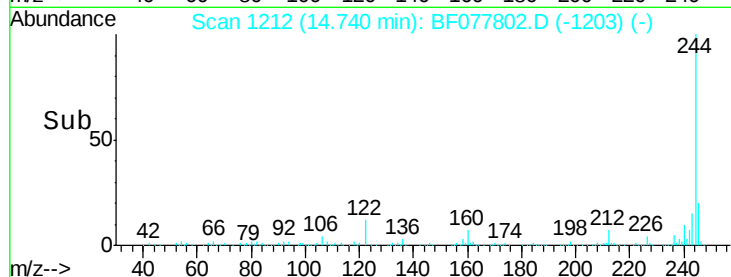
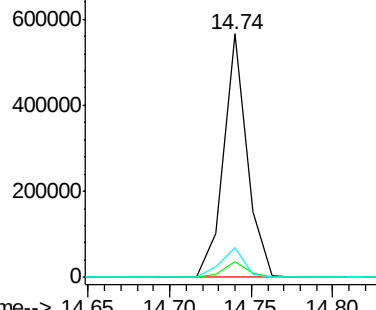
#78
 Terphenyl-d14
 Concen: 87.19 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF077802.D
 Acq: 18 Mar 2015 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BL

Tgt Ion: 244 Resp: 568055
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.9 7.3
 122 12.4 6.2 9.4#

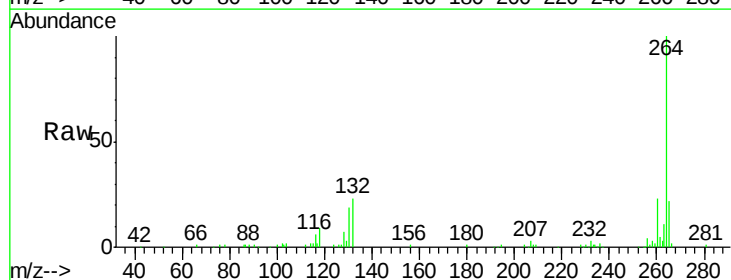


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1474
 Delta R.T. -0.06 min
 Lab File: BF077802.D
 Acq: 18 Mar 2015 18:15

Tgt Ion: 264 Resp: 147357
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 21.9 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

