

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077693.D
 Acq On : 11 Mar 2015 18:07
 Operator : TP/IZ
 Sample : PB802015BL
 Misc : S
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82015BL

Quant Time: Mar 12 04:18:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

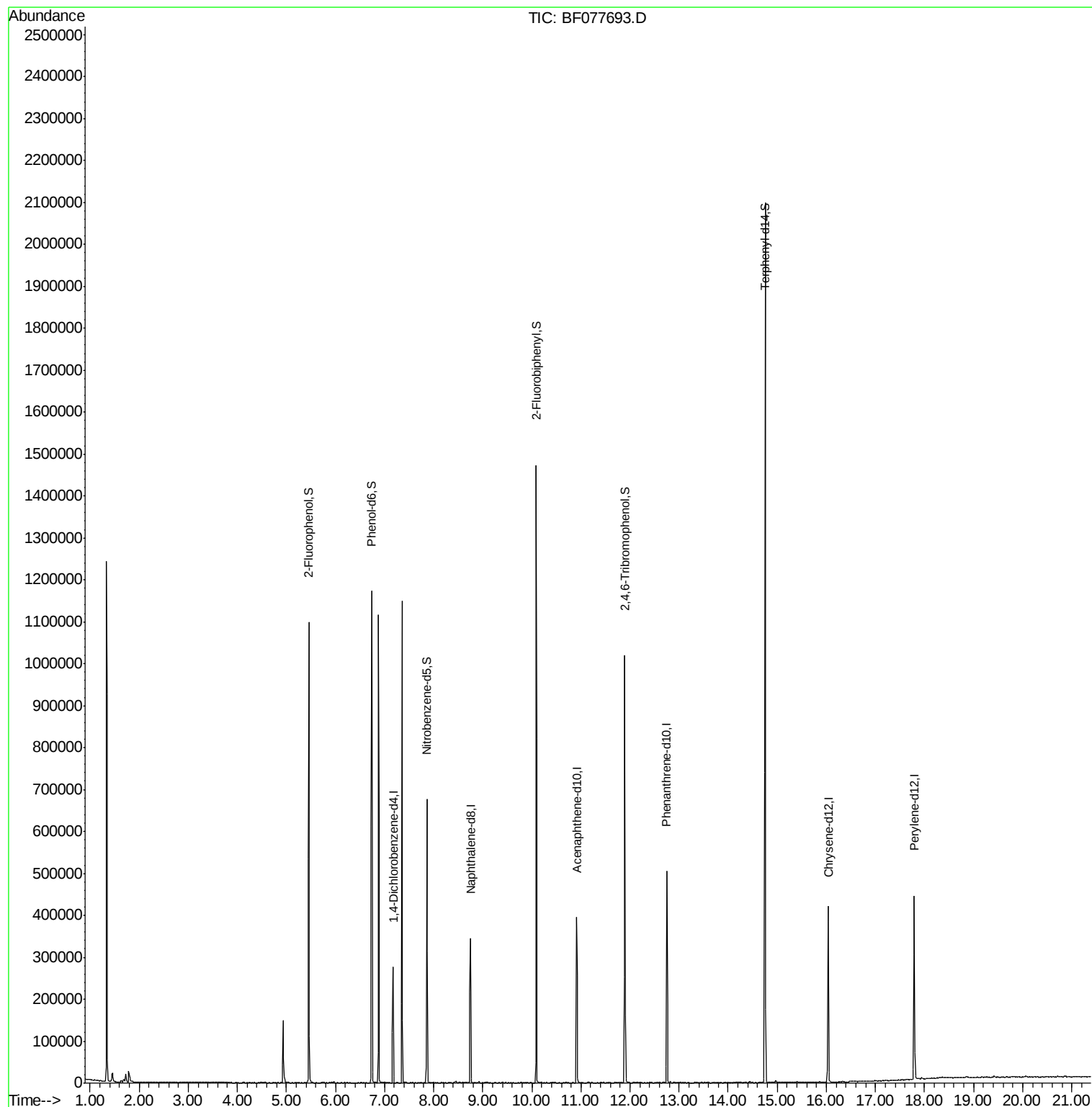
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	49688	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	205023	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	103949	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	211501	20.00	ng	0.00
75) Chrysene-d12	16.04	240	231459	20.00	ng	0.01
86) Perylene-d12	17.79	264	224235	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	374130	131.43	ng	0.00
7) Phenol-d6	6.74	99	489303	139.13	ng	0.00
23) Nitrobenzene-d5	7.86	82	247806	79.23	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	124248	124.93	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	583016	82.43	ng	0.00
78) Terphenyl-d14	14.75	244	756990	79.89	ng	0.00
Target Compounds						
76) Benzidine	14.44	184	2756	Below Cal	Qvalue #	85

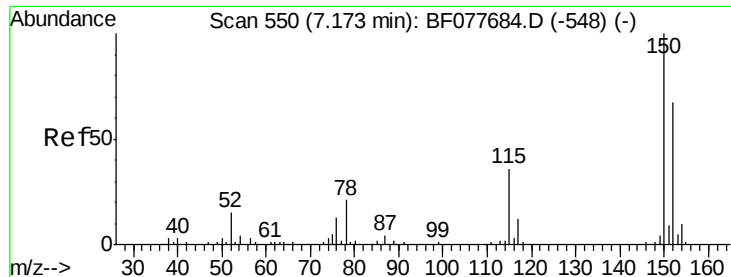
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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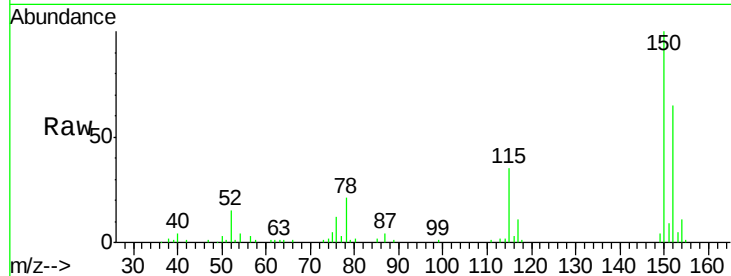


#1

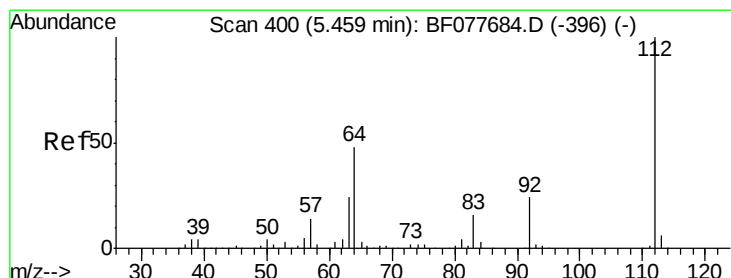
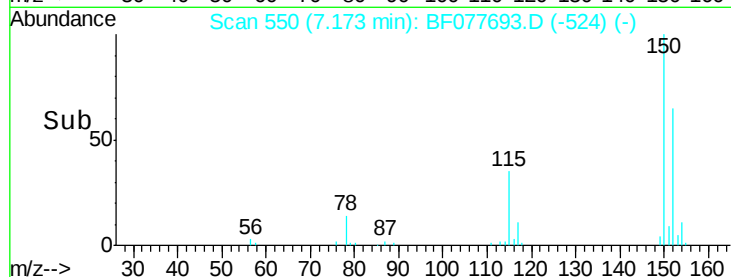
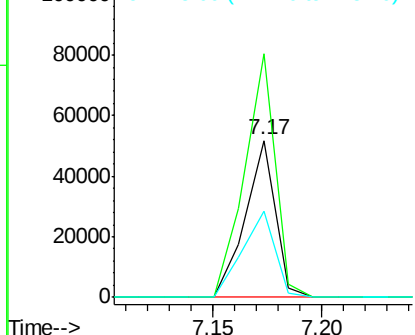
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF077693.D
Acq: 11 Mar 2015 18:07

Instrument :
BNA_F
ClientSampleId :
PB82015BL

Tgt Ion:152 Resp: 49688
Ion Ratio Lower Upper
152 100
150 155.0 119.5 179.3
115 54.9 43.0 64.4



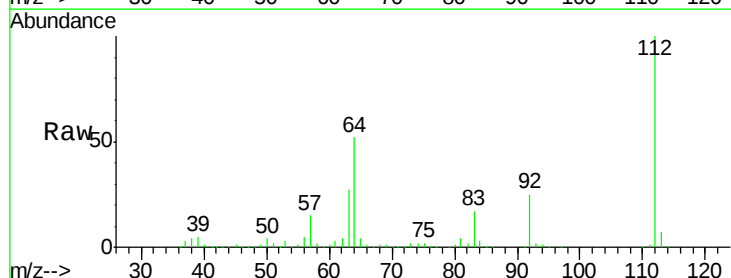
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



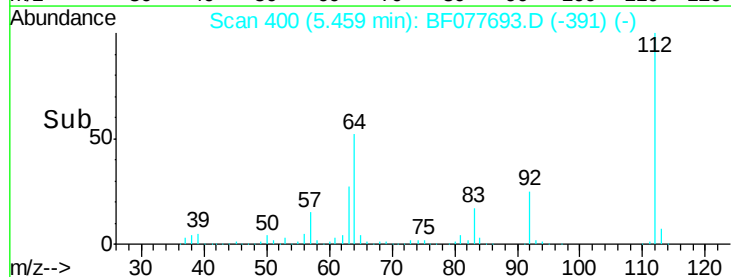
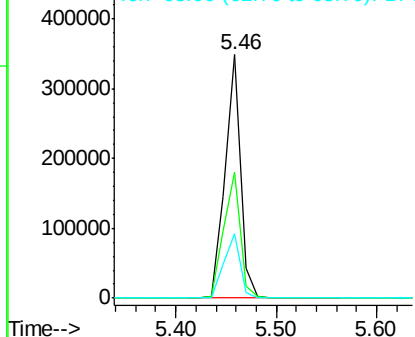
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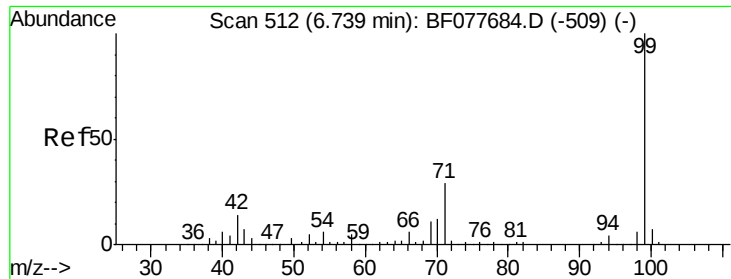
2-Fluorophenol
Concen: 131.43 ng
RT: 5.46 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF077693.D
Acq: 11 Mar 2015 18:07

Tgt Ion:112 Resp: 374130
Ion Ratio Lower Upper
112 100
64 51.6 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: 139.13 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077693.D

Acq: 11 Mar 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB82015BL

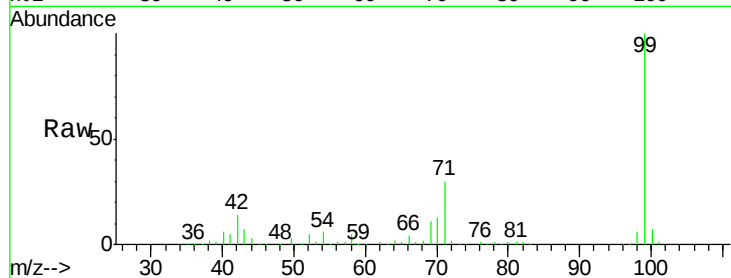
Tgt Ion: 99 Resp: 489303

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

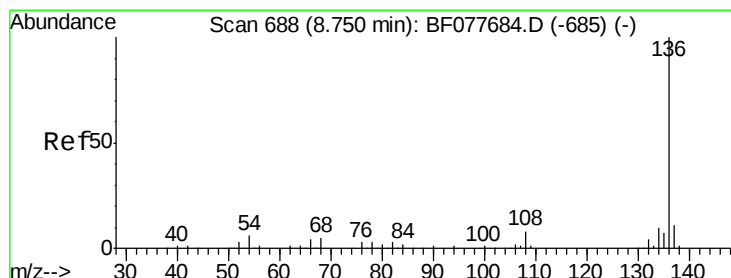
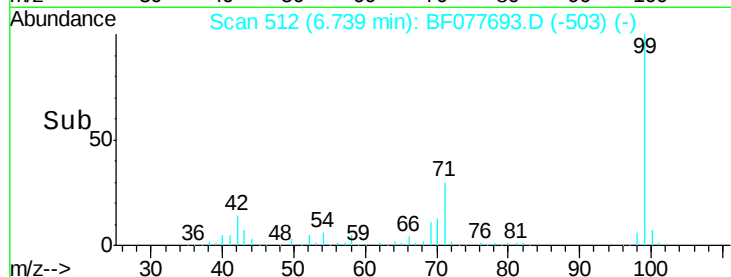
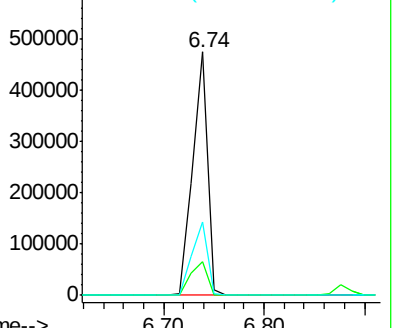
71 29.9 23.4 35.2



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: 8.75 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF077693.D

Acq: 11 Mar 2015 18:07

Tgt Ion: 136 Resp: 205023

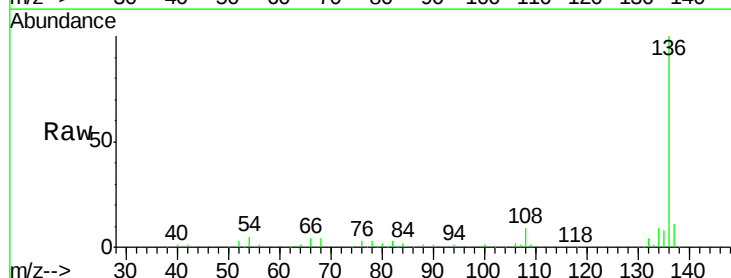
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.3 4.6 6.8

68 4.2 3.7 5.5

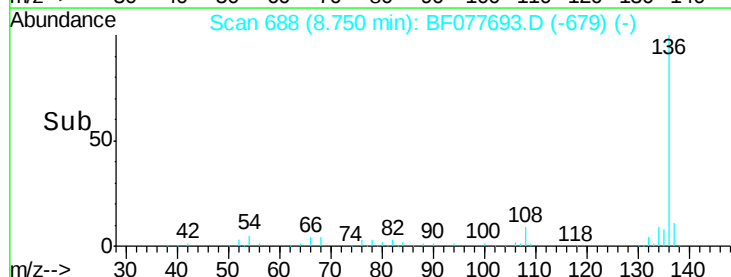
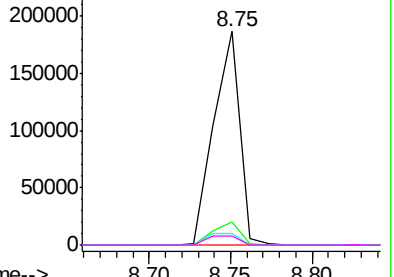


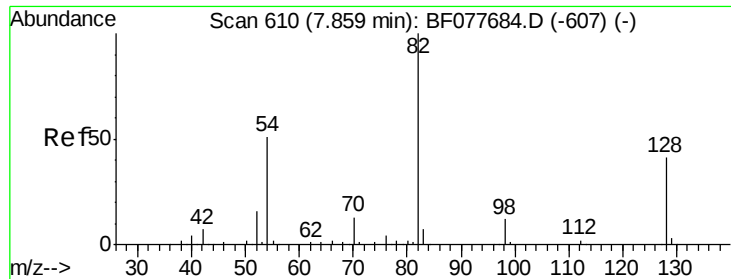
Abundance Ion 136.00 (135.70 to 136.70): E

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

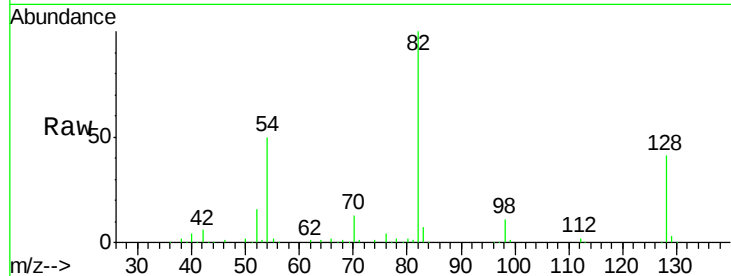




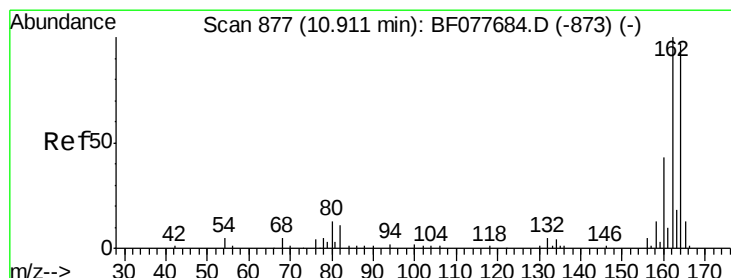
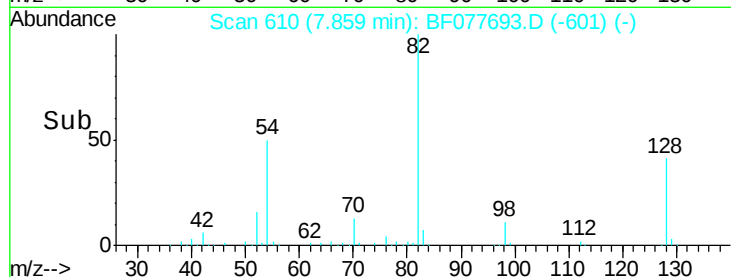
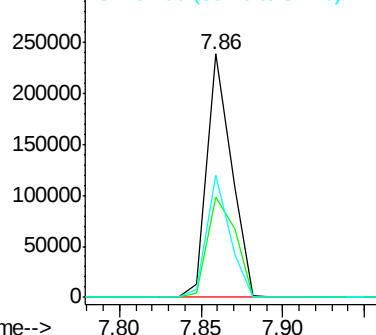
#23
Nitrobenzene-d5
Concen: 79.23 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077693.D
Acq: 11 Mar 2015 18:07

Instrument :
BNA_F
ClientSampleId :
PB82015BL

Tgt Ion: 82 Resp: 247806
Ion Ratio Lower Upper
82 100
128 41.0 32.8 49.2
54 50.3 40.6 60.8

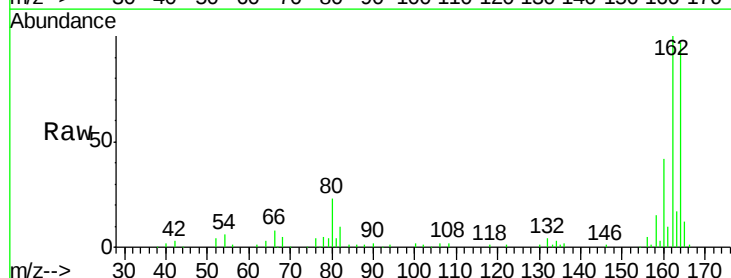


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

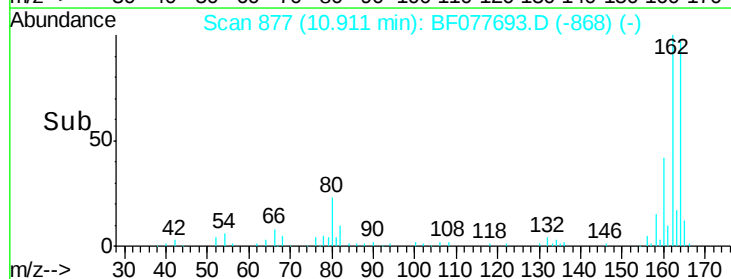
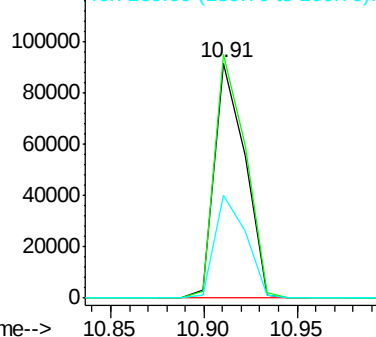


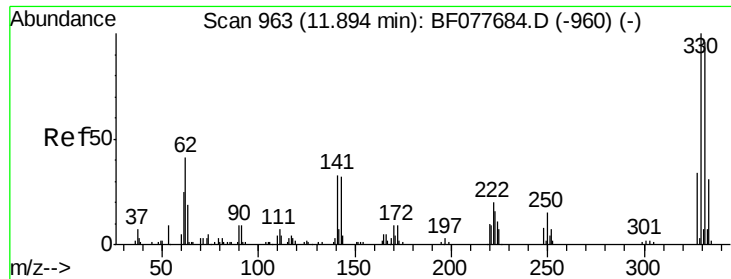
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077693.D
Acq: 11 Mar 2015 18:07

Tgt Ion: 164 Resp: 103949
Ion Ratio Lower Upper
164 100
162 103.6 82.4 123.6
160 43.6 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

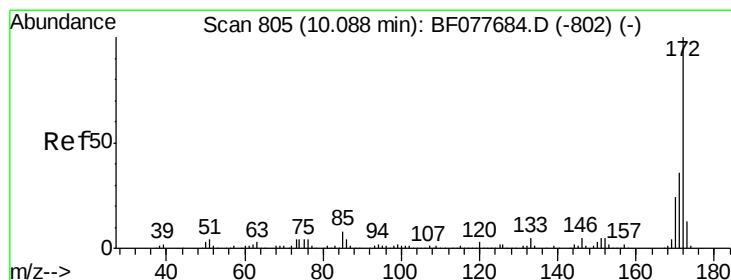
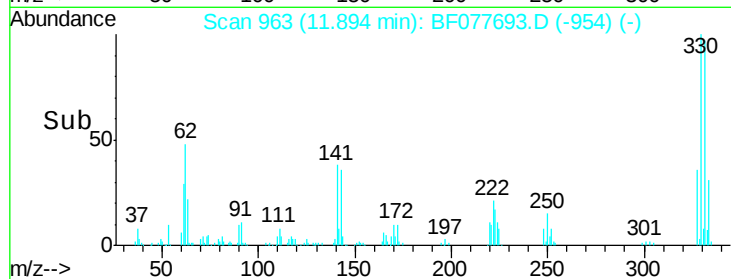
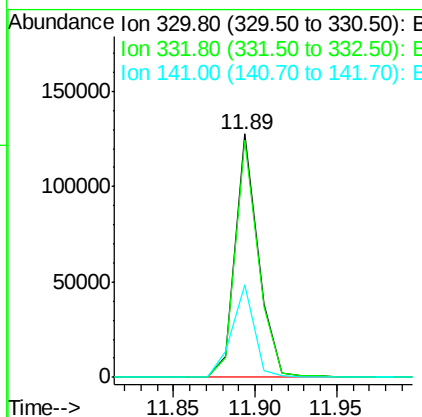
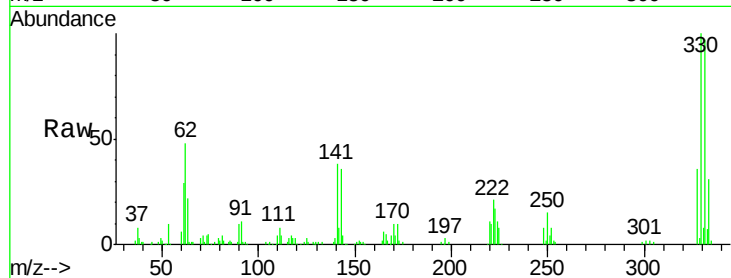




#41
 2,4,6-Tribromophenol
 Concen: 124.93 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077693.D
 Acq: 11 Mar 2015 18:07

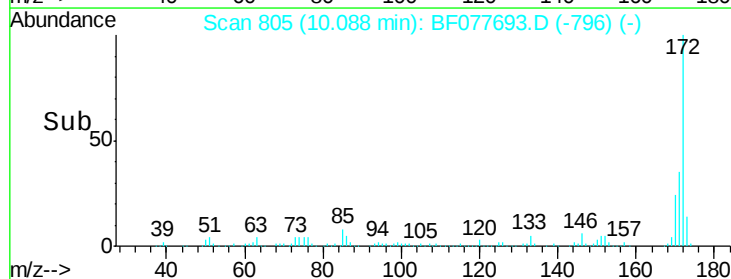
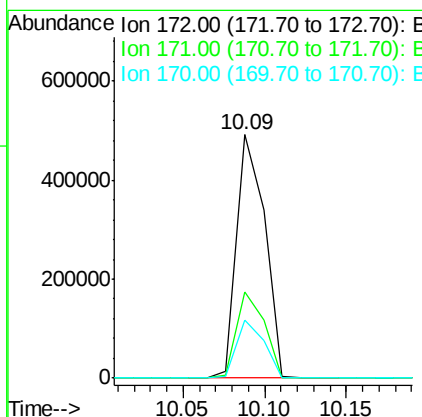
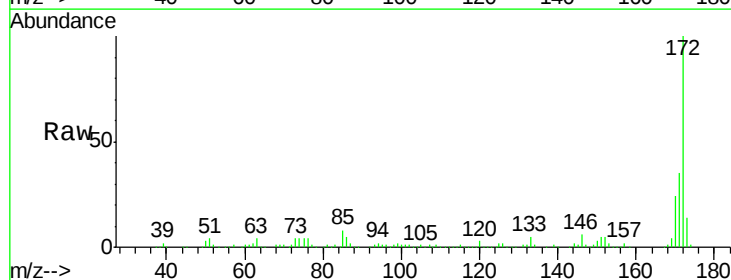
Instrument :
 BNA_F
 ClientSampleId :
 PB82015BL

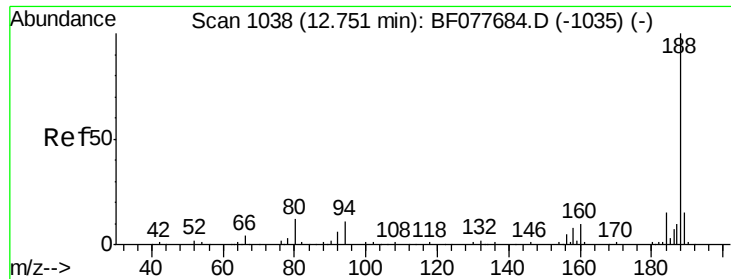
Tgt Ion:330 Resp: 124248
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 37.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 82.43 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077693.D
 Acq: 11 Mar 2015 18:07

Tgt Ion:172 Resp: 583016
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.9 18.8 28.2

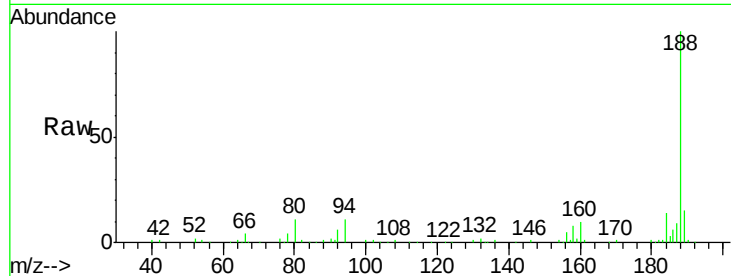




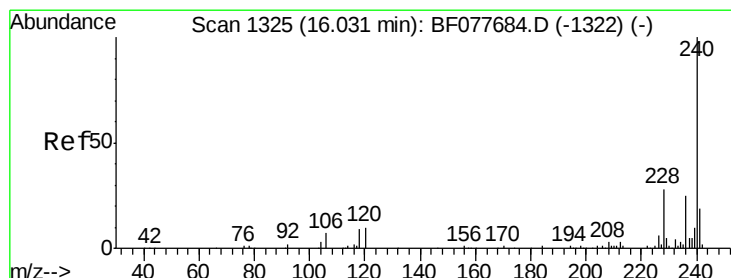
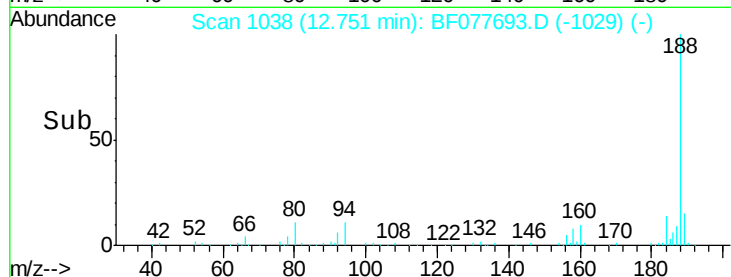
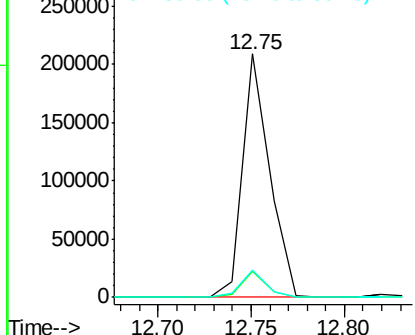
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077693.D
Acq: 11 Mar 2015 18:07

Instrument :
BNA_F
ClientSampled :
PB82015BL

Tgt Ion:188 Resp: 211501
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.3 9.3 13.9

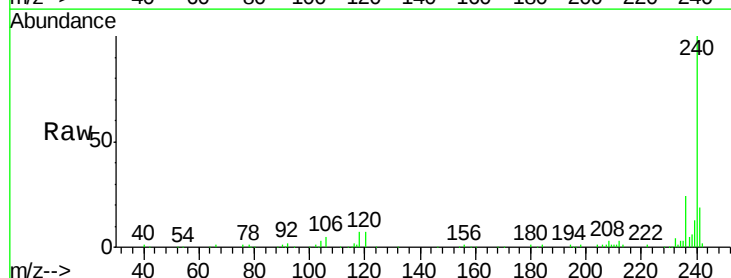


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

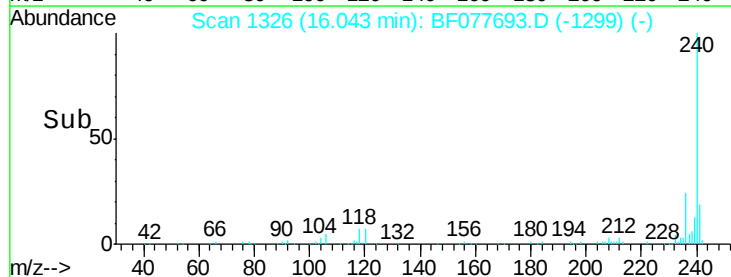
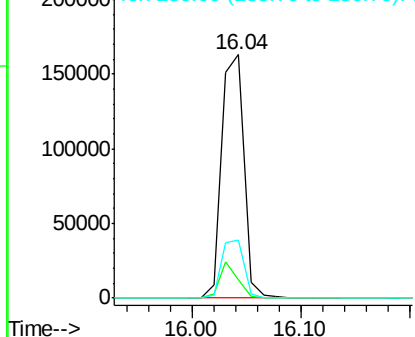


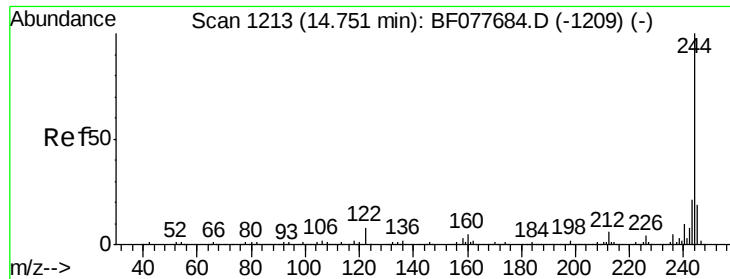
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077693.D
Acq: 11 Mar 2015 18:07

Tgt Ion:240 Resp: 231459
Ion Ratio Lower Upper
240 100
120 7.3 8.2 12.2#
236 23.7 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

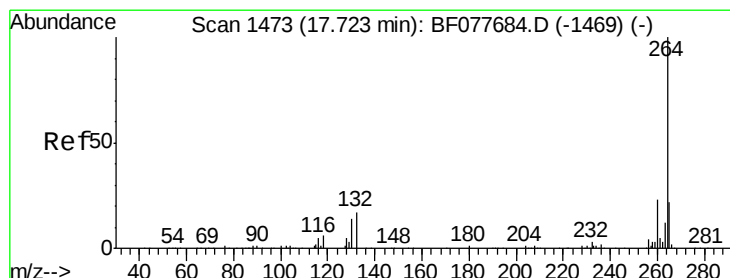
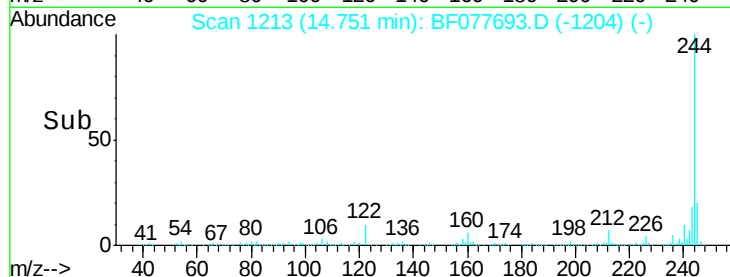
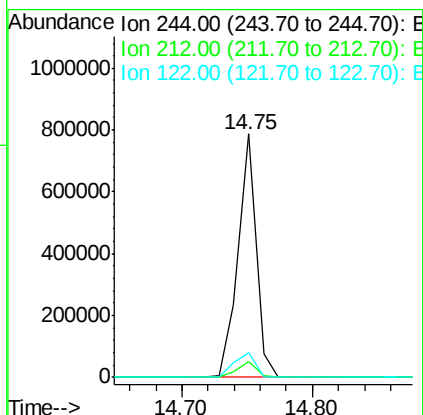
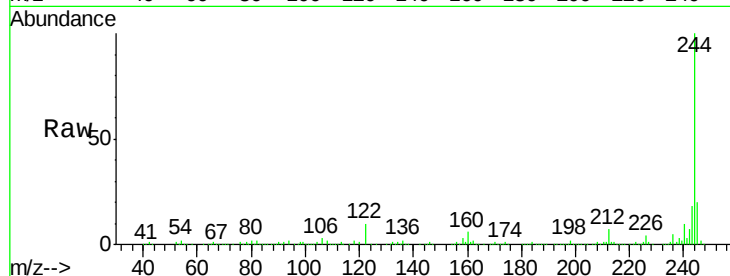




#78
 Terphenyl-d14
 Concen: 79.89 ng
 RT: 14.75 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF077693.D
 Acq: 11 Mar 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82015BL

Tgt Ion: 244 Resp: 756990
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.9 7.3
 122 10.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1479
 Delta R.T. 0.07 min
 Lab File: BF077693.D
 Acq: 11 Mar 2015 18:07

Tgt Ion: 264 Resp: 224235
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.2 17.3 25.9

