

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 01:49:46 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

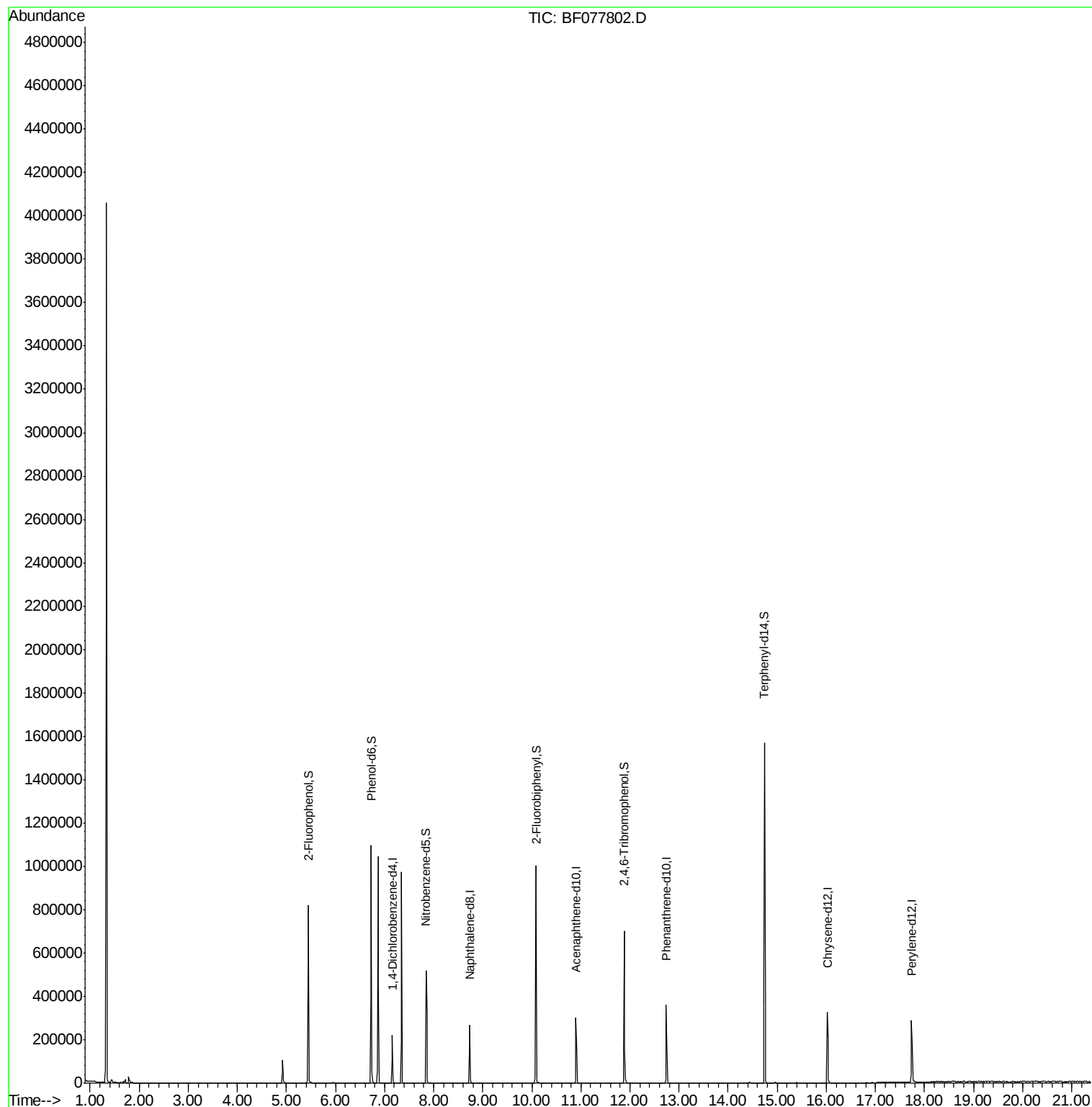
Target Compounds Qvalue

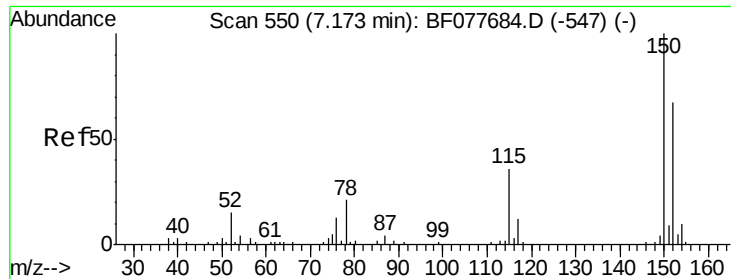
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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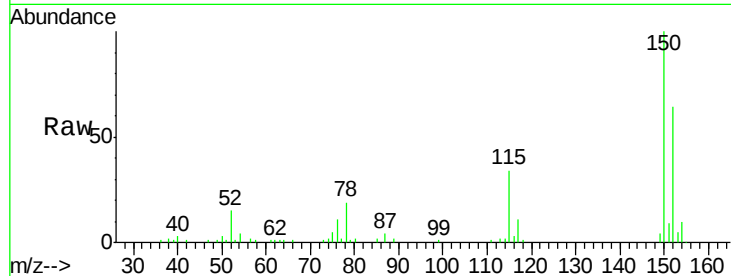


#1

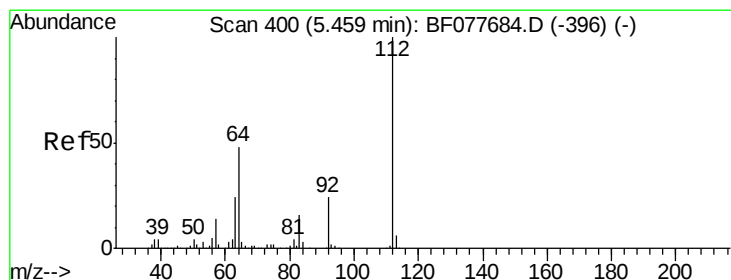
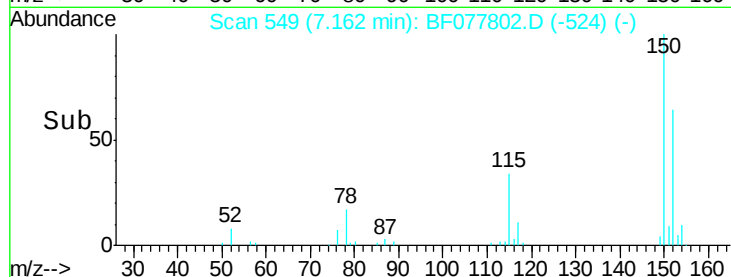
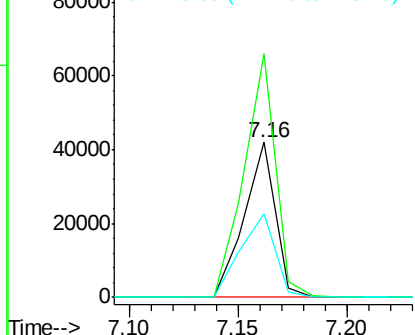
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF077802.D
Acq: 18 Mar 2015 18:15

Instrument :
BNA_F
ClientSampleId :
PB82152BL

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



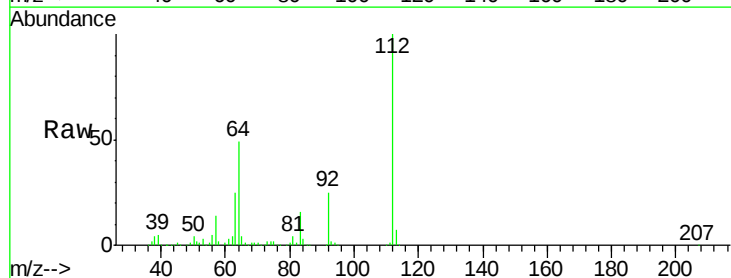
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



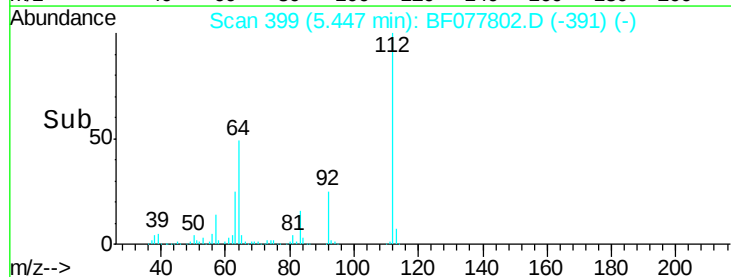
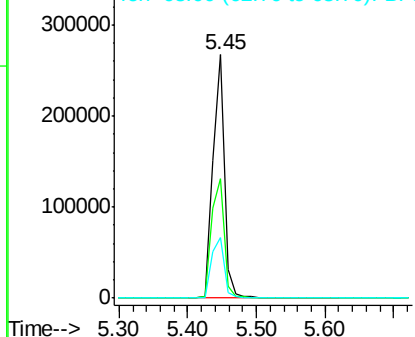
#5

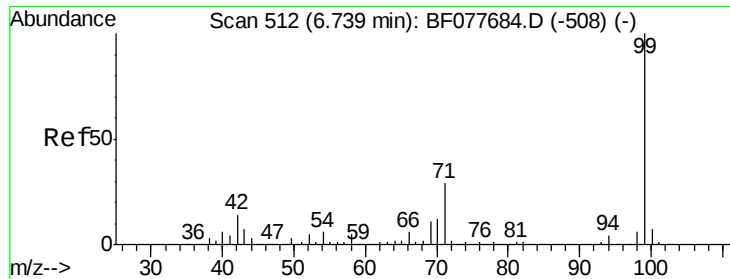
2-Fluorophenol
Concen: 133.15 ng
RT: 5.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF077802.D
Acq: 18 Mar 2015 18:15

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

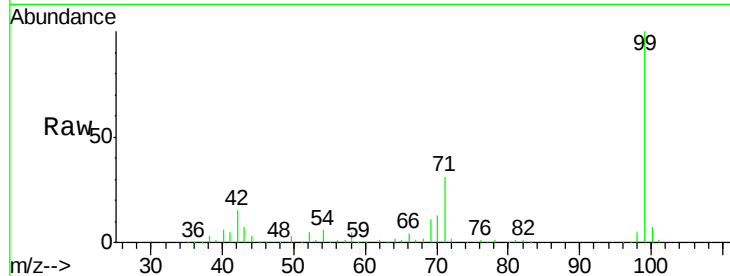
Tot Ion: 99 Resp: 416408

Ion Ratio Lower Upper

99 100

42 14.7 11.0 16.4

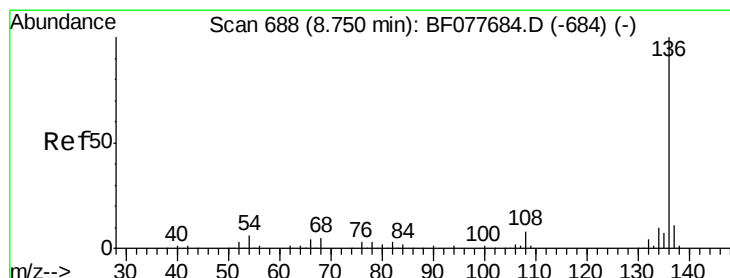
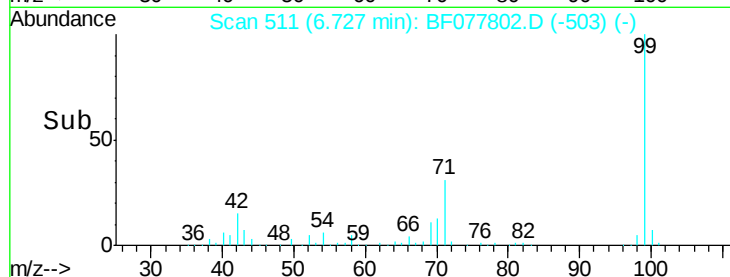
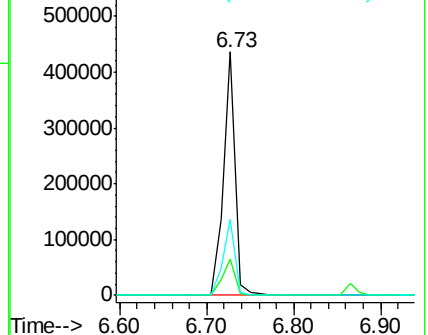
71 31.0 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)



#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

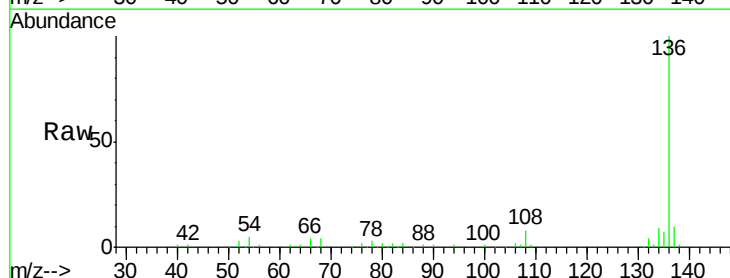
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.0 4.6 6.8

68 4.1 3.7 5.5

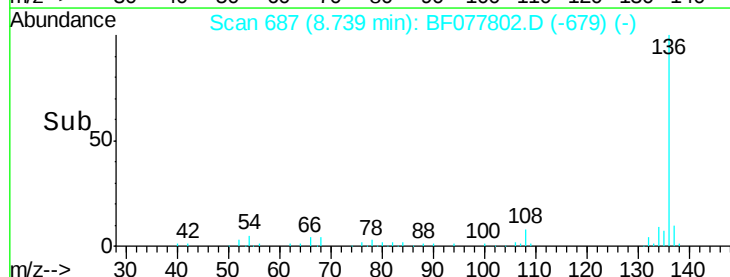
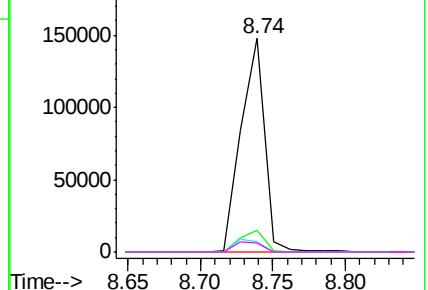


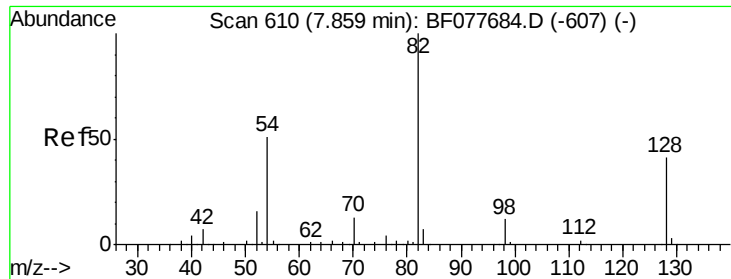
Abundance Ion 136.00 (135.70 to 136.70): BF077684.D (-684) (-)

Ion 137.00 (136.70 to 137.70): BF077684.D (-684) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-684) (-)

Ion 68.00 (67.70 to 68.70): BF077684.D (-684) (-)

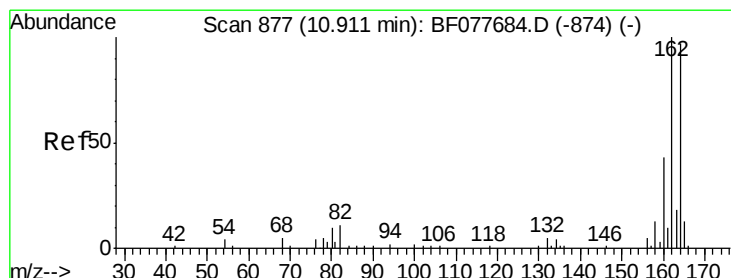
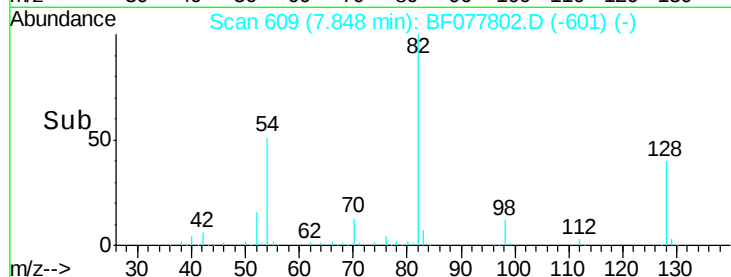
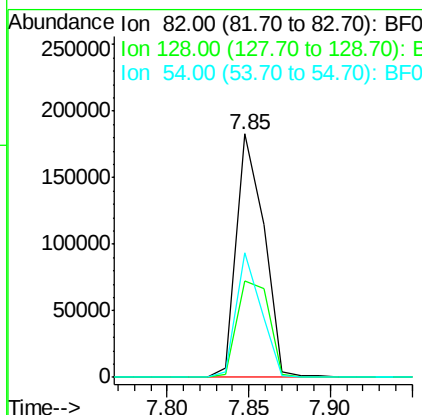
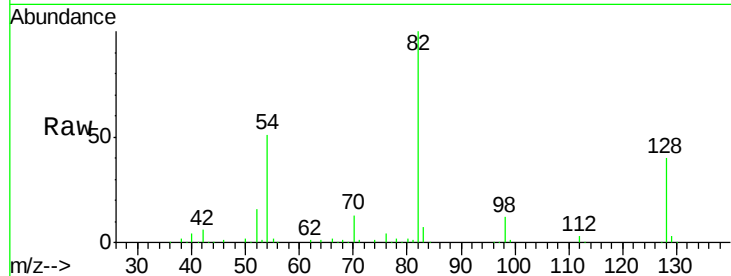




#23
 Nitrobenzene-d5
 Concen: 84.12 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077802.D
 Acq: 18 Mar 2015 18:15

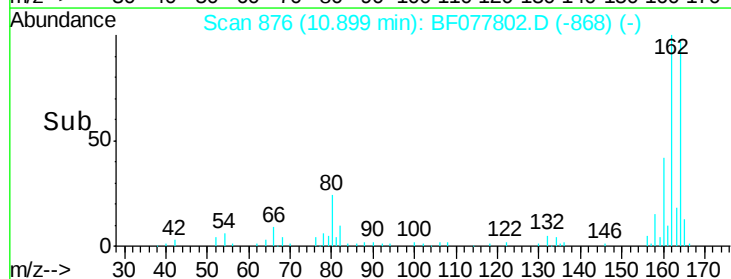
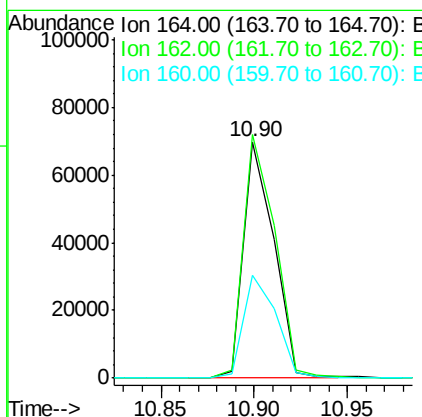
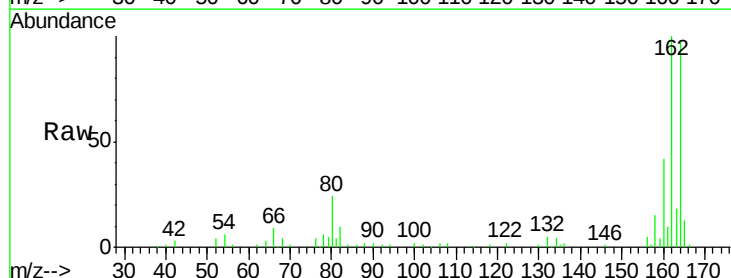
Instrument :
 BNA_F
 ClientSampleID :
 PB82152BL

Tot Ion: 82 Resp: 214229
 Ion Ratio Lower Upper
 82 100
 128 39.6 32.8 49.2
 54 51.3 40.6 60.8



#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

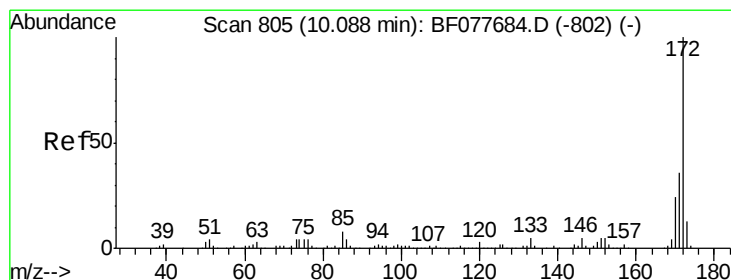
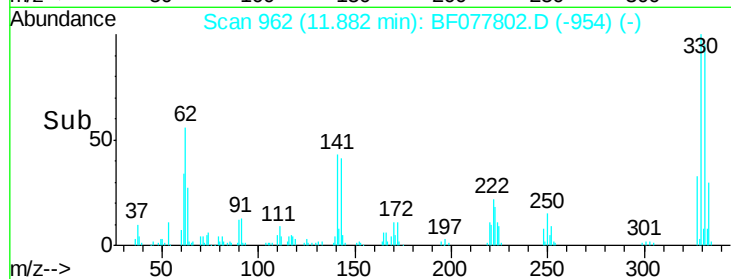
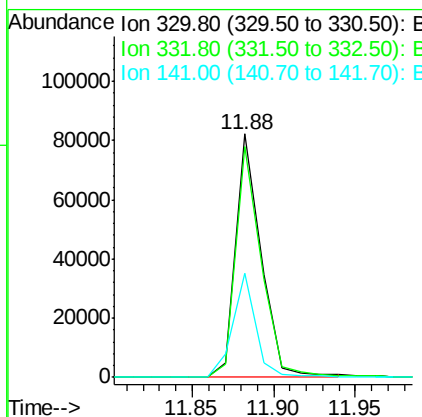
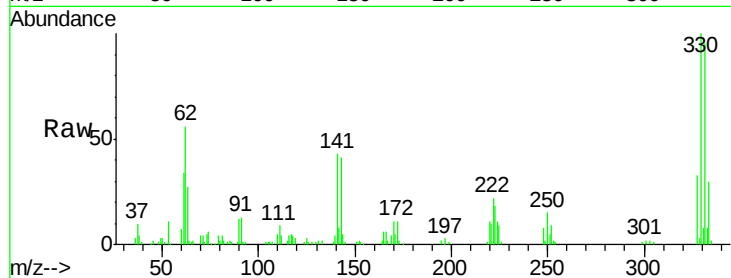




#41
 2,4,6-Tribromophenol
 Concen: 116.34 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077802.D
 Acq: 18 Mar 2015 18:15

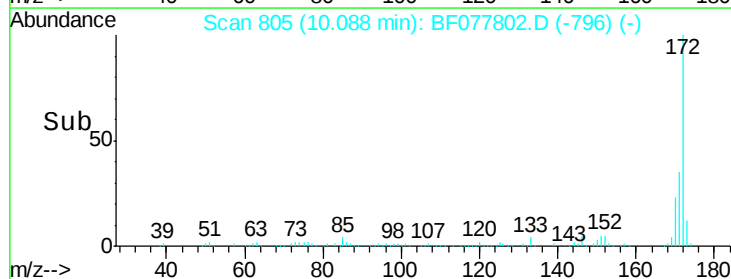
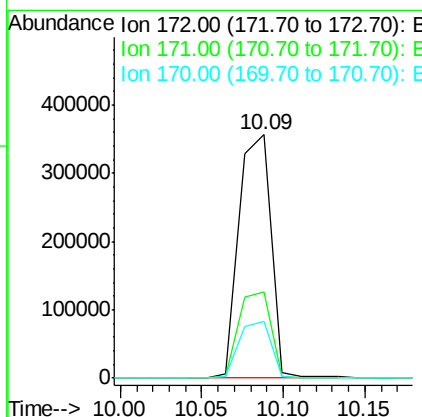
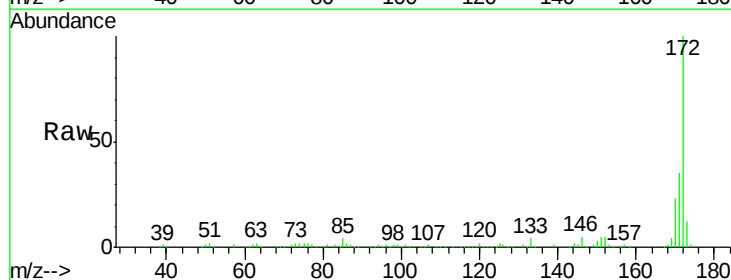
Instrument :
 BNA_F
 ClientSampled :
 PB82152BL

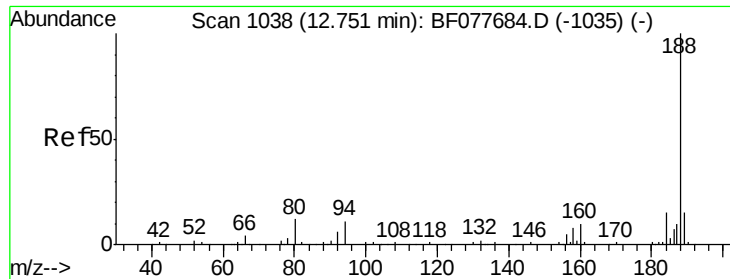
Tot Ion:330 Resp: 88232
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 38.7 0.0 0.0#



#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





#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

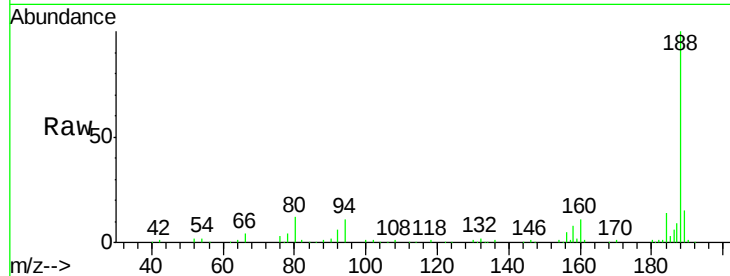
Tot Ion:188 Resp: 161937

Ion Ratio Lower Upper

188 100

94 11.5 8.7 13.1

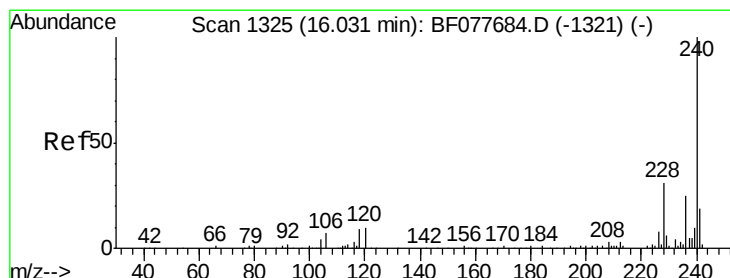
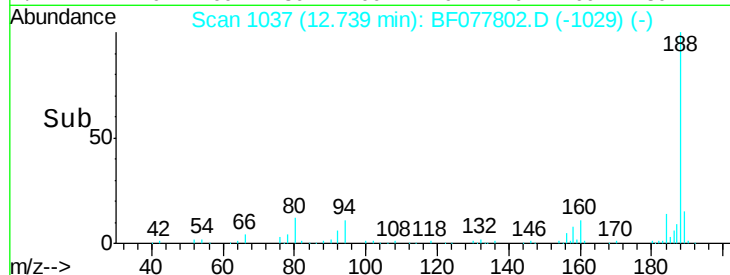
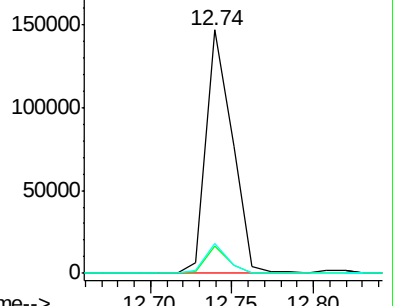
80 12.4 9.3 13.9



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

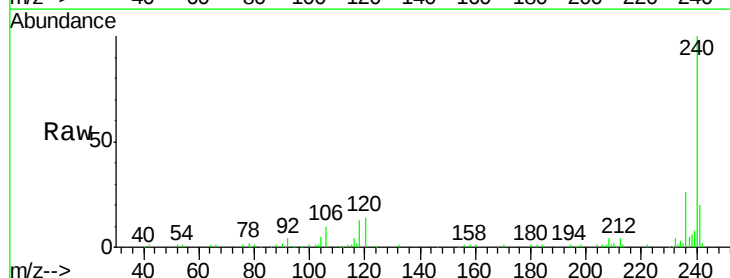
Tgt Ion:240 Resp: 159144

Ion Ratio Lower Upper

240 100

120 14.0 8.2 12.2#

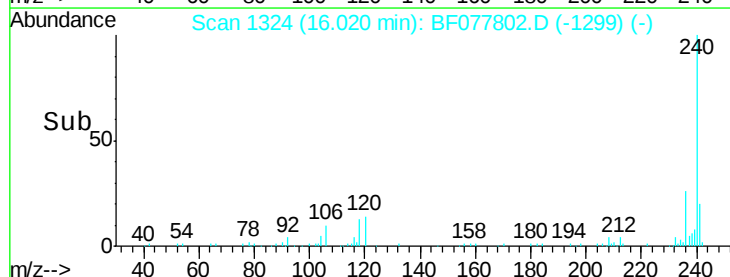
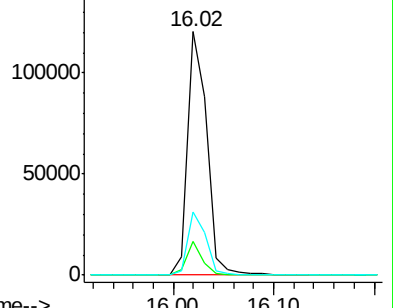
236 25.8 20.0 30.0

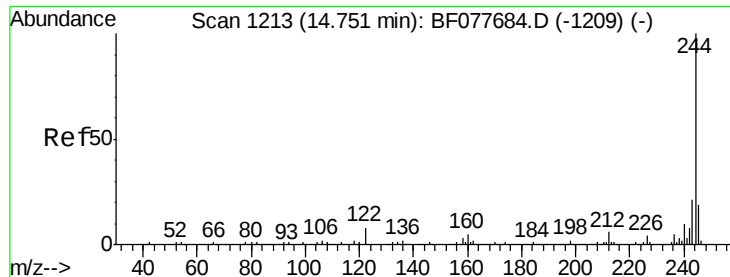


Abundance Ion 240.00 (239.70 to 240.70): E

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

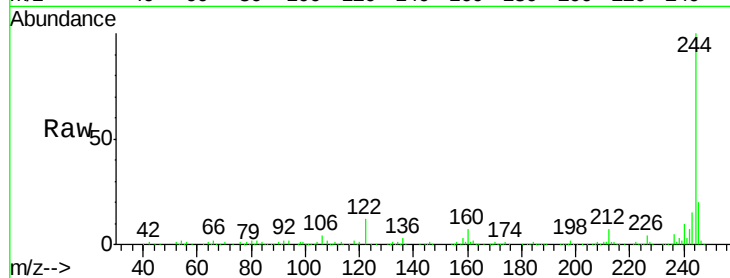
Tot Ion:244 Resp: 568055

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

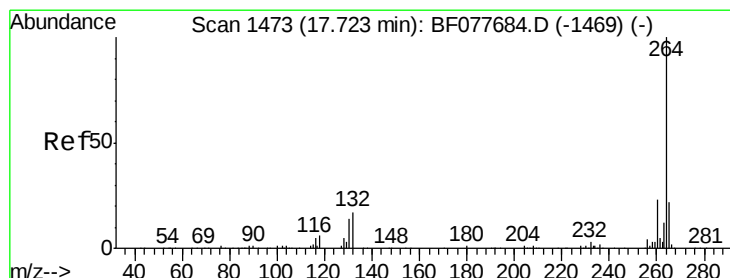
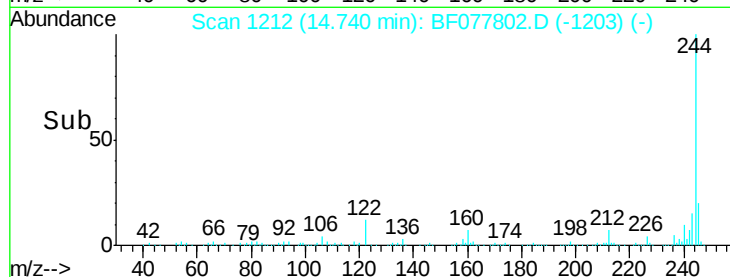
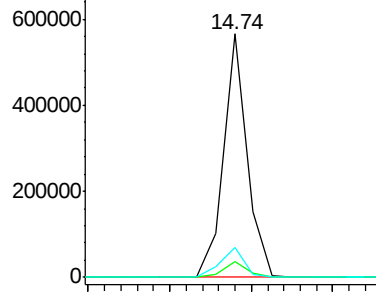
122 12.4 6.2 9.4#



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

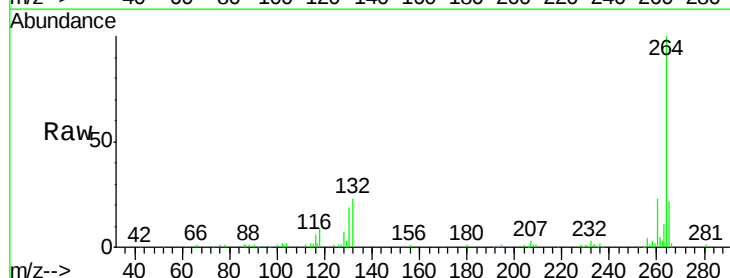
Tgt Ion:264 Resp: 147357

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

