

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
 Data File : BF077780.D
 Acq On : 17 Mar 2015 19:16
 Operator : TP/IZ
 Sample : PB82152BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BL

Quant Time: Mar 18 01:08:44 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	41665	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	165873	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	79521	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	162239	20.00	ng	-0.01
75) Chrysene-d12	16.03	240	169979	20.00	ng	0.00
86) Perylene-d12	17.81	264	160283	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	318421	133.40	ng	0.00
7) Phenol-d6	6.73	99	401620	136.18	ng	0.00
23) Nitrobenzene-d5	7.85	82	217105	85.80	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	93520	122.92	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	490009	90.56	ng	0.00
78) Terphenyl-d14	14.74	244	581597	83.58	ng	0.00

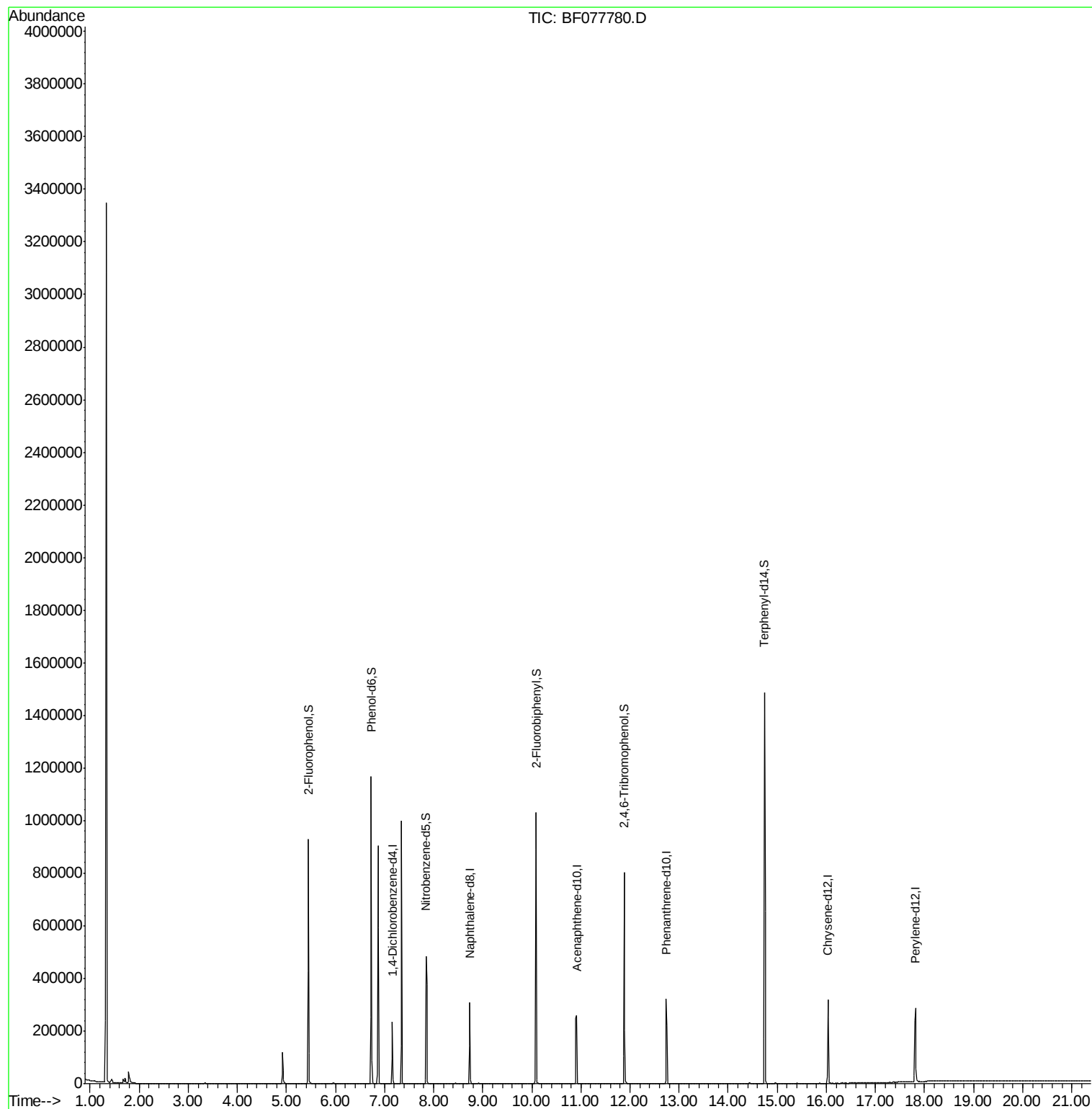
Target Compounds Qvalue

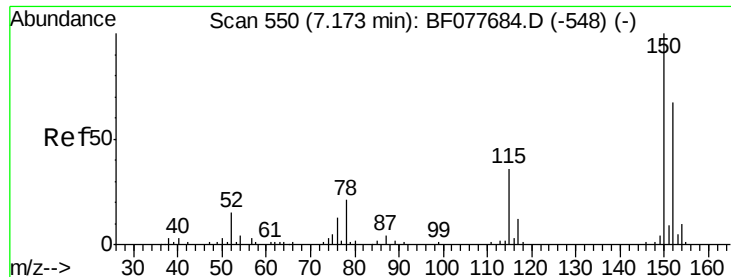
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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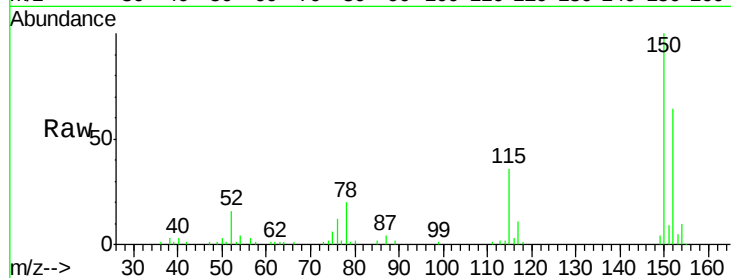


#1

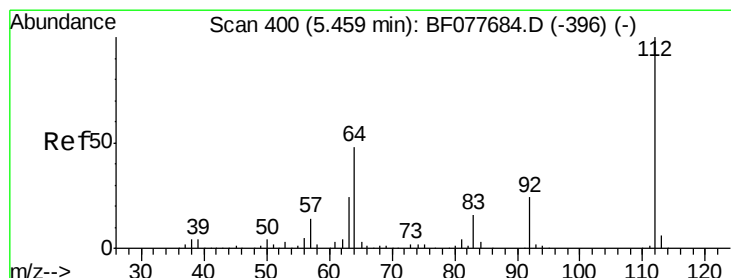
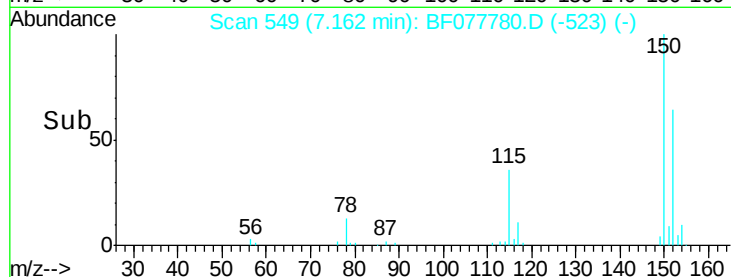
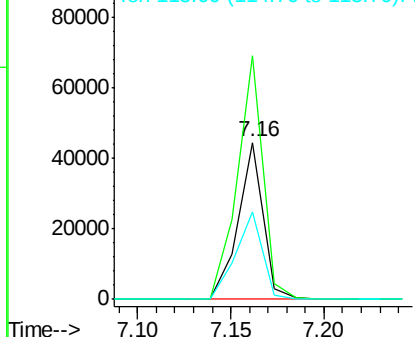
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077780.D
Acq: 17 Mar 2015 19:16

Instrument :
BNA_F
ClientSampleId :
PB82152BL

Tot Ion:152 Resp: 41665
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 56.1 43.0 64.4



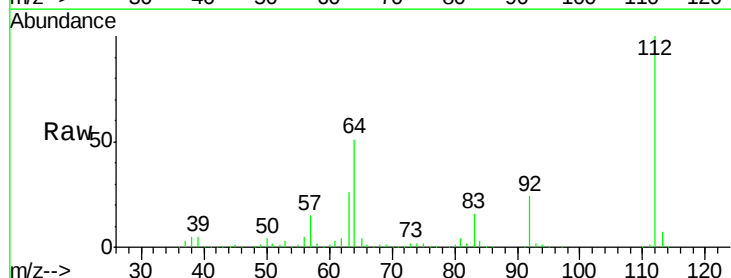
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



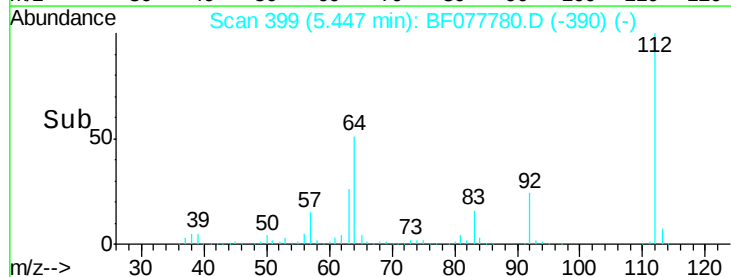
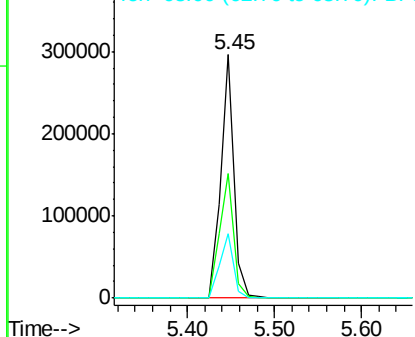
#5

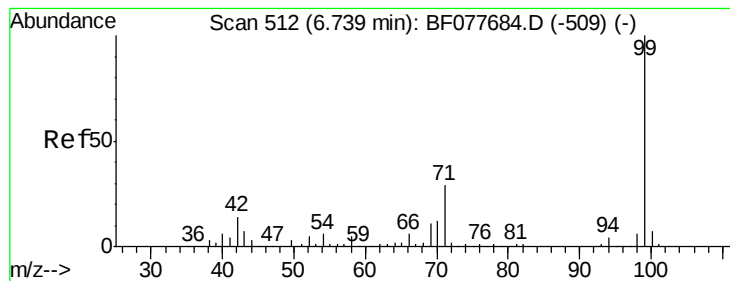
2-Fluorophenol
Concen: 133.40 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF077780.D
Acq: 17 Mar 2015 19:16

Tgt Ion:112 Resp: 318421
Ion Ratio Lower Upper
112 100
64 51.1 38.6 57.8
63 26.4 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: 136.18 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077780.D

Acq: 17 Mar 2015 19:16

Instrument :

BNA_F

ClientSampleId :

PB82152BL

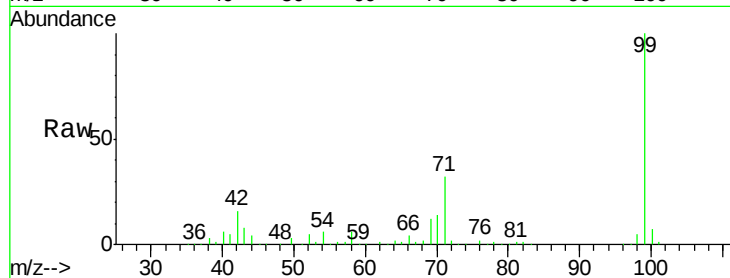
Tot Ion: 99 Resp: 401620

Ion Ratio Lower Upper

99 100

42 16.0 11.0 16.4

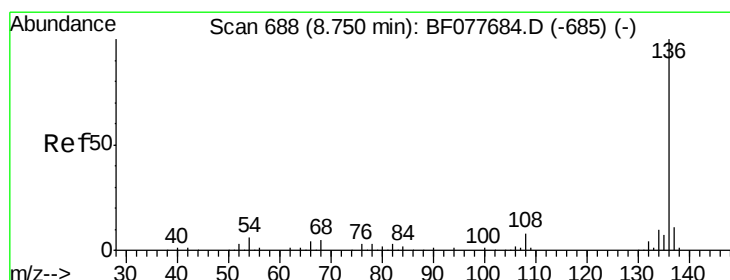
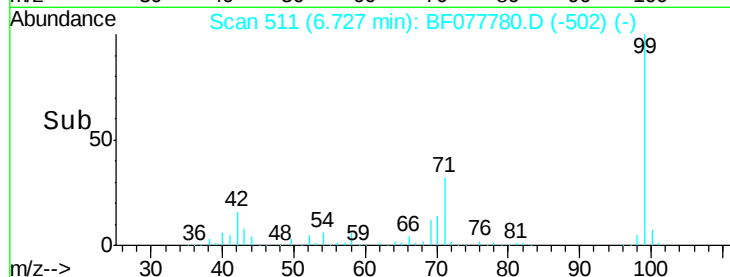
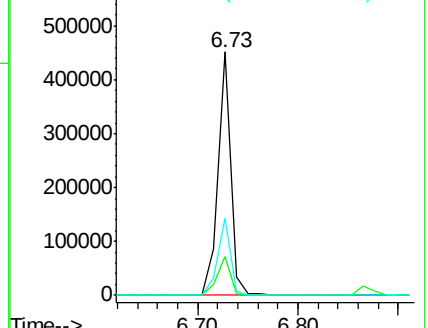
71 31.9 23.4 35.2



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: BF077780.D

Acq: 17 Mar 2015 19:16

Tgt Ion: 136 Resp: 165873

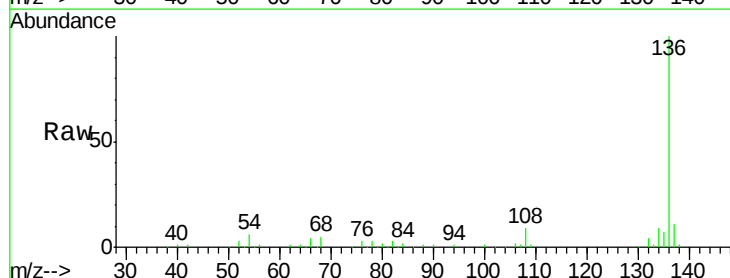
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.8 4.6 6.8

68 4.8 3.7 5.5

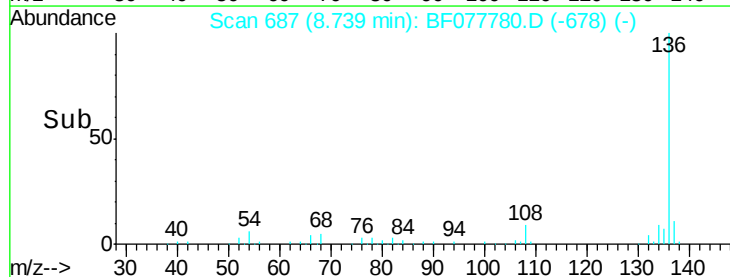
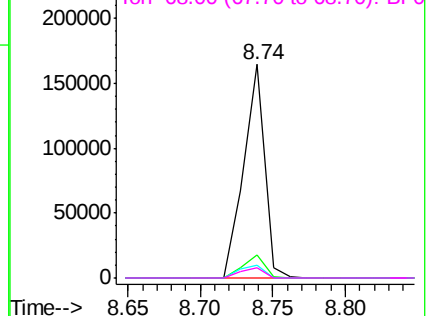


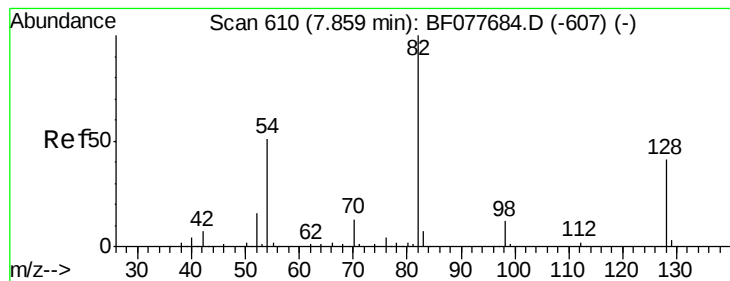
Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.80 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF077780.D

Acq: 17 Mar 2015 19:16

Instrument :

BNA_F

ClientSampleId :

PB82152BL

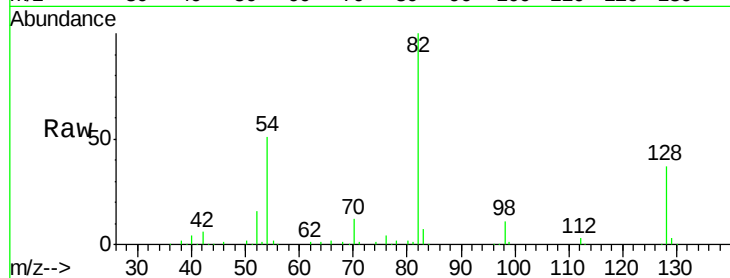
Tot Ion: 82 Resp: 217105

Ion Ratio Lower Upper

82 100

128 37.4 32.8 49.2

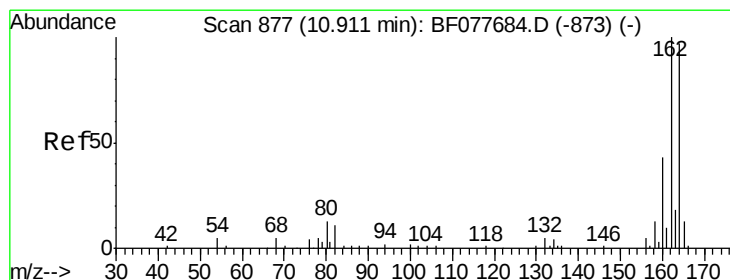
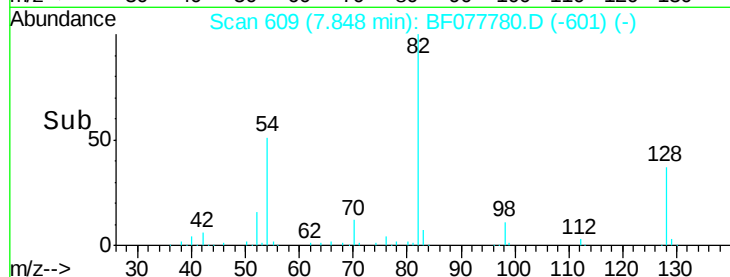
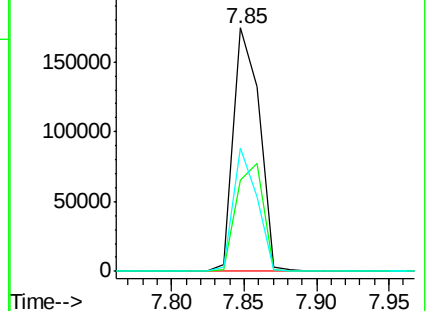
54 50.7 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF077780.D

Acq: 17 Mar 2015 19:16

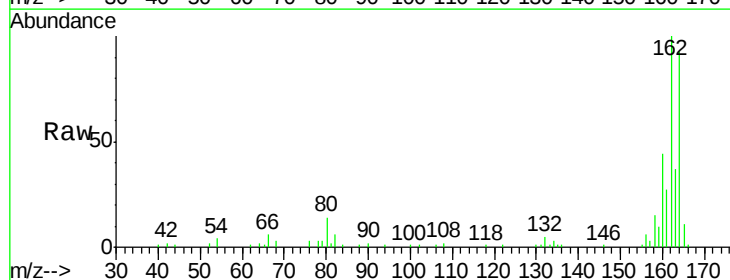
Tgt Ion:164 Resp: 79521

Ion Ratio Lower Upper

164 100

162 107.0 82.4 123.6

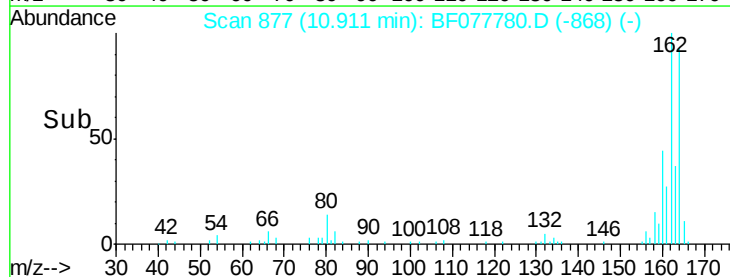
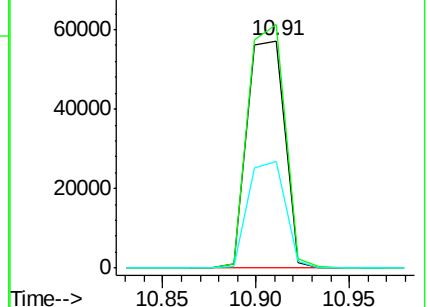
160 46.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

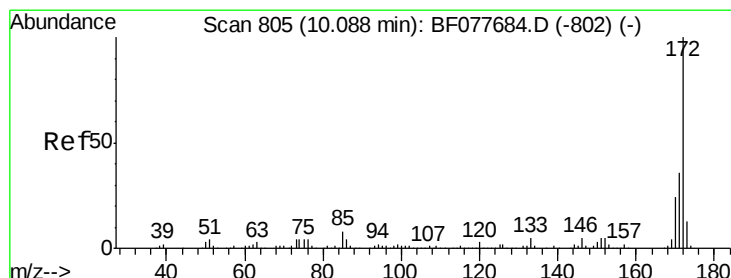
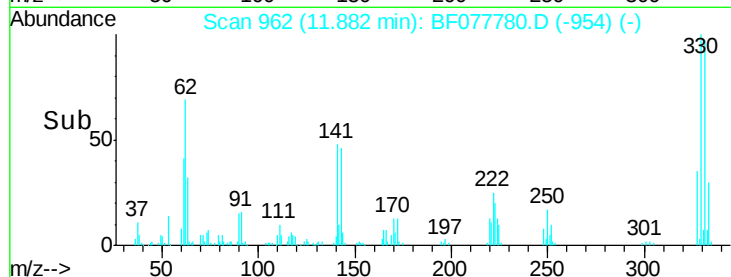
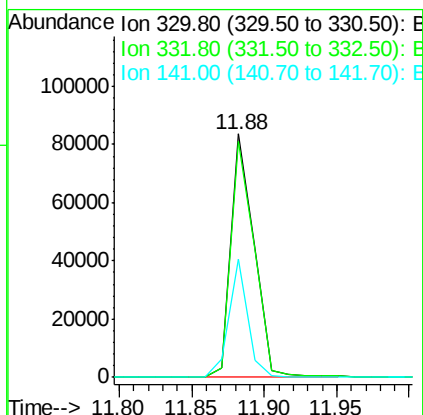
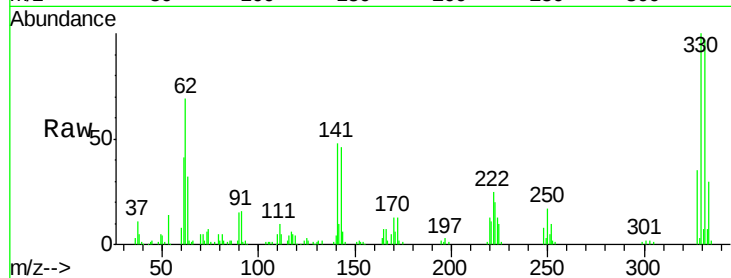




#41
 2,4,6-Tribromophenol
 Concen: 122.92 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077780.D
 Acq: 17 Mar 2015 19:16

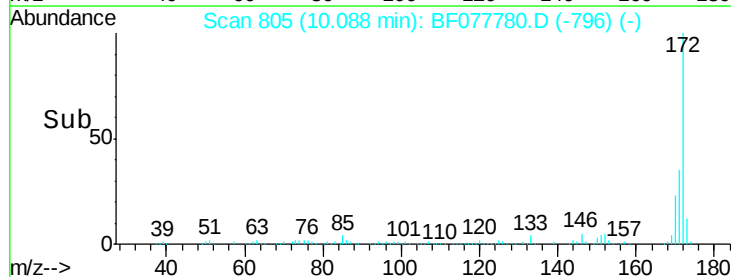
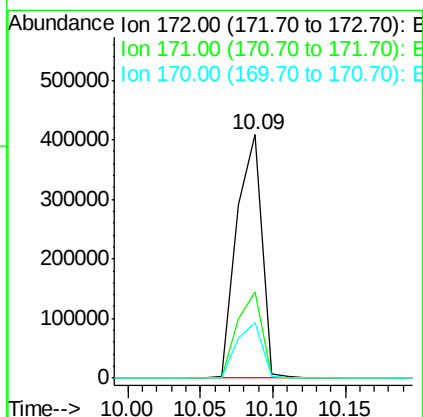
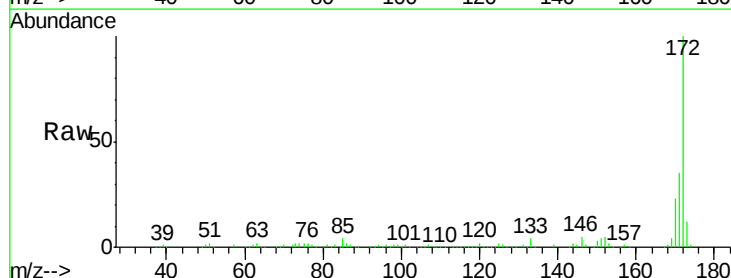
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BL

Tot Ion:330 Resp: 93520
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 39.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 90.56 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077780.D
 Acq: 17 Mar 2015 19:16

Tgt Ion:172 Resp: 490009
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 22.9 18.8 28.2

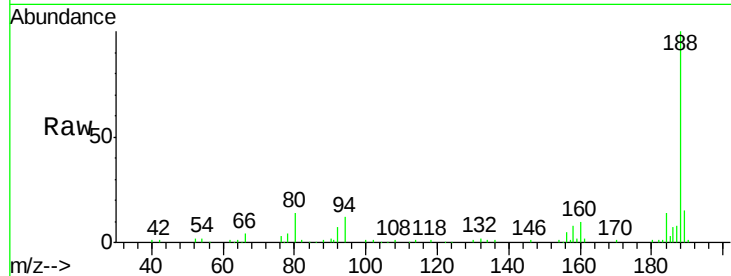




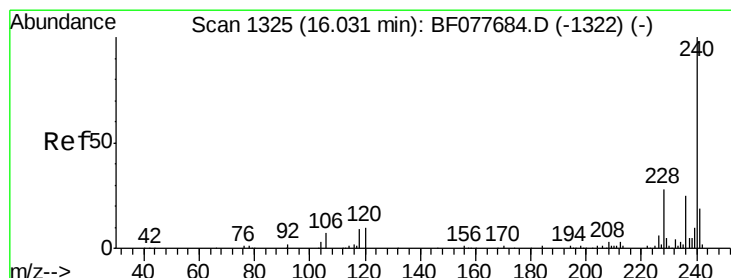
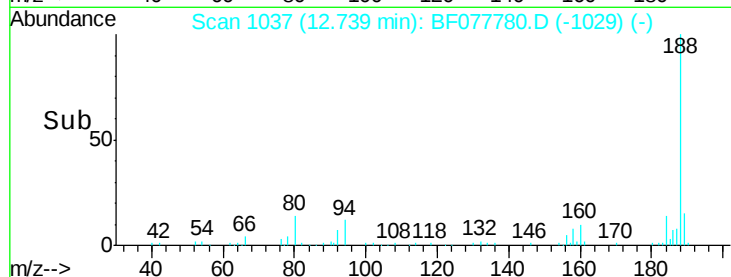
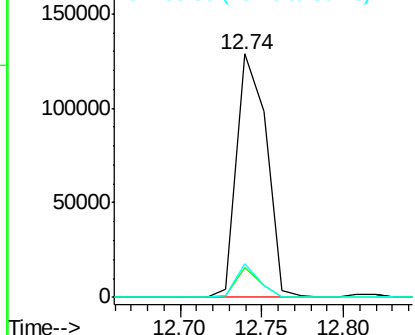
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF077780.D
Acq: 17 Mar 2015 19:16

Instrument :
BNA_F
ClientSampleId :
PB82152BL

Tot Ion:188 Resp: 162239
Ion Ratio Lower Upper
188 100
94 12.1 8.7 13.1
80 13.9 9.3 13.9

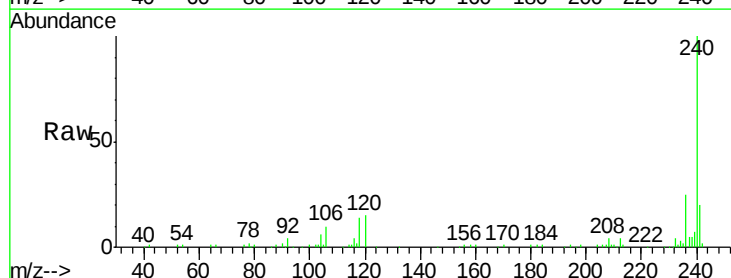


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

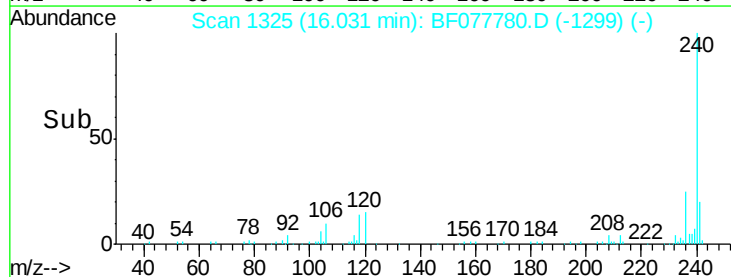
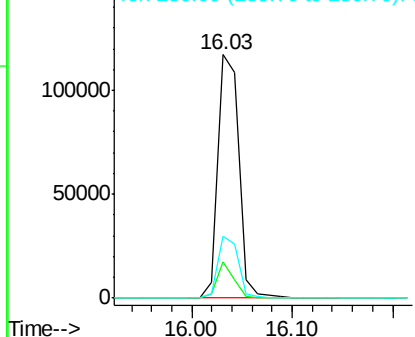


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077780.D
Acq: 17 Mar 2015 19:16

Tgt Ion:240 Resp: 169979
Ion Ratio Lower Upper
240 100
120 15.1 8.2 12.2#
236 25.2 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

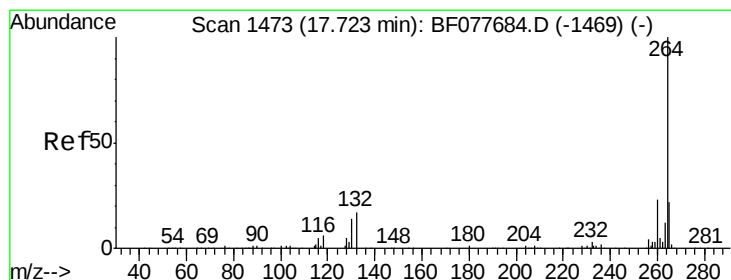
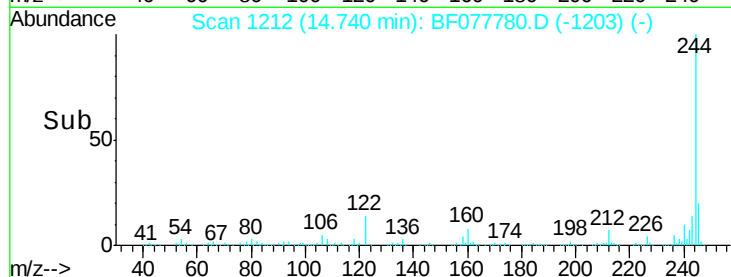
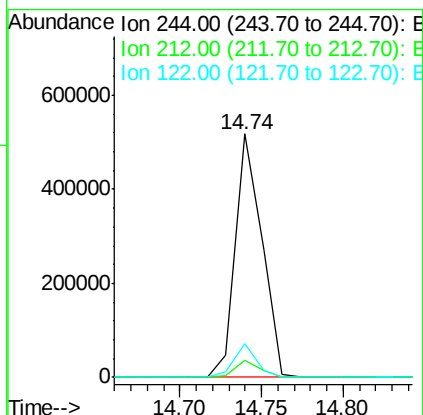
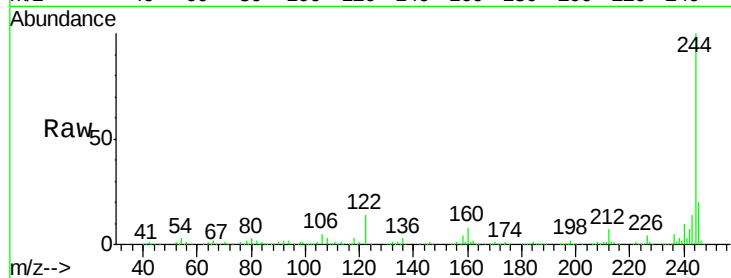




#78
 Terphenyl-d14
 Concen: 83.58 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077780.D
 Acq: 17 Mar 2015 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	13.9	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1481
 Delta R.T. 0.07 min
 Lab File: BF077780.D
 Acq: 17 Mar 2015 19:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	20.7	17.3	25.9

