

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
 Data File : BF078747.D
 Acq On : 23 Apr 2015 14:23
 Operator : TP/IZ
 Sample : G1961-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 23 15:39:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 08:49:33 2015
 Response via : Initial Calibration

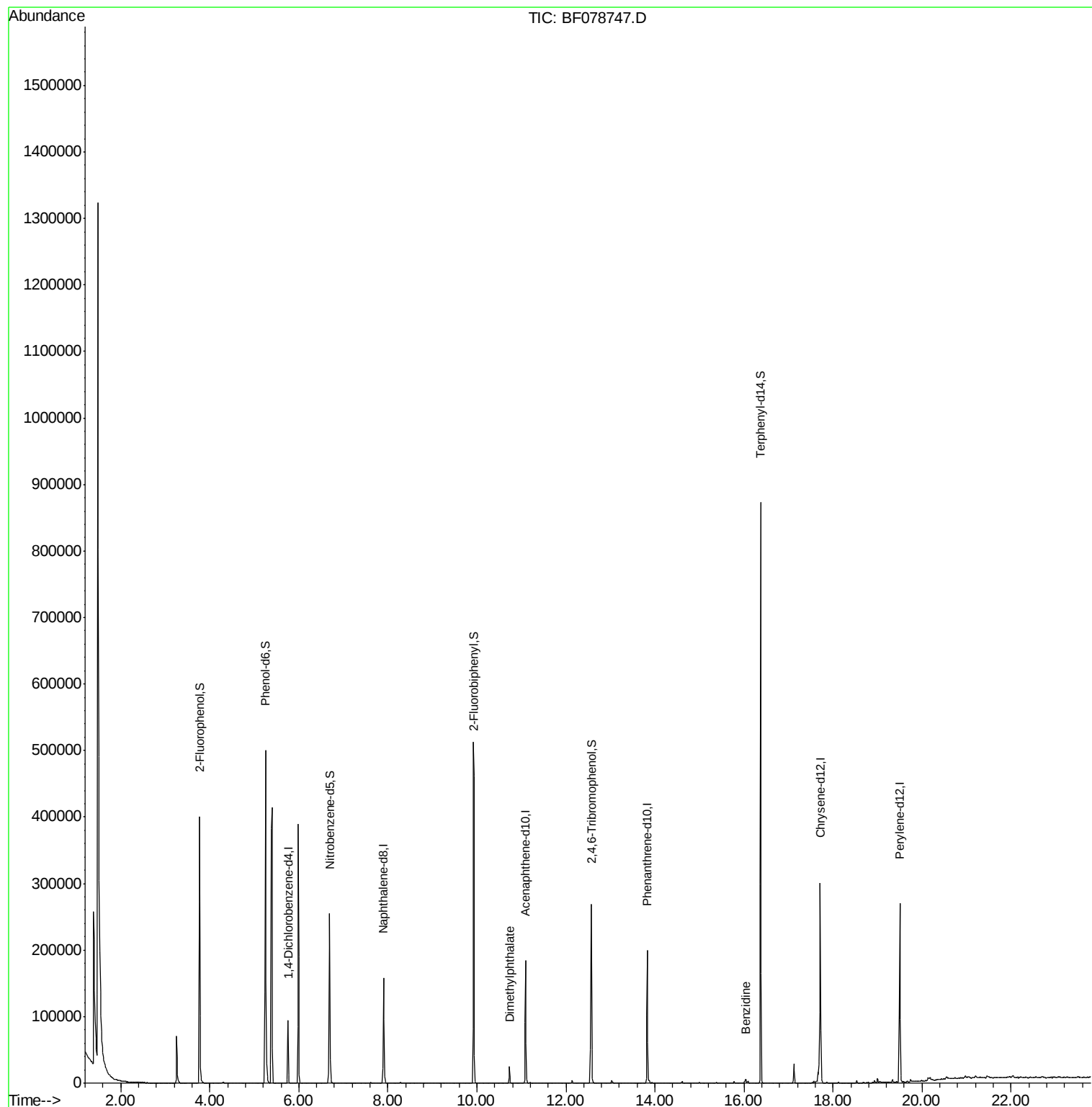
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	24979	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	104665	20.00	ng	-0.03
38) Acenaphthene-d10	11.10	164	54272	20.00	ng	-0.03
63) Phenanthrene-d10	13.83	188	109656	20.00	ng	-0.03
75) Chrysene-d12	17.71	240	126923	20.00	ng	-0.02
86) Perylene-d12	19.50	264	128855	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	3.77	112	170562	112.58	ng	-0.02
7) Phenol-d6	5.26	99	219211	115.46	ng	-0.03
23) Nitrobenzene-d5	6.70	82	125182	72.49	ng	-0.03
41) 2,4,6-Tribromophenol	12.57	330	54134	120.27	ng	-0.03
44) 2-Fluorobiphenyl	9.93	172	274592	72.32	ng	-0.03
78) Terphenyl-d14	16.38	244	330831	58.90	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.73	163	16718	4.10	ng	Qvalue 97
76) Benzidine	16.05	184	12785	2.62	ng	# 95

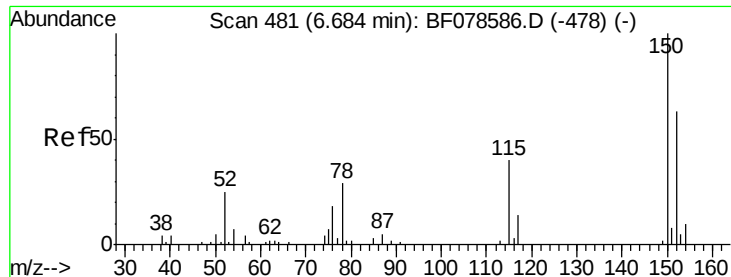
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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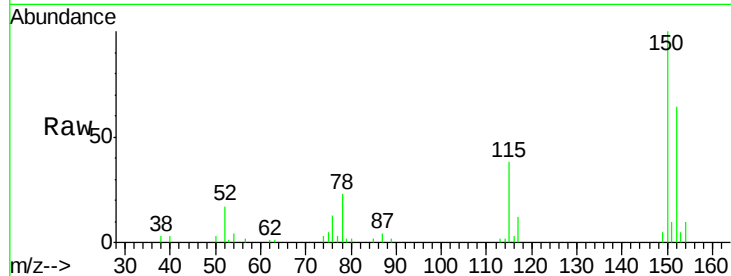


#1

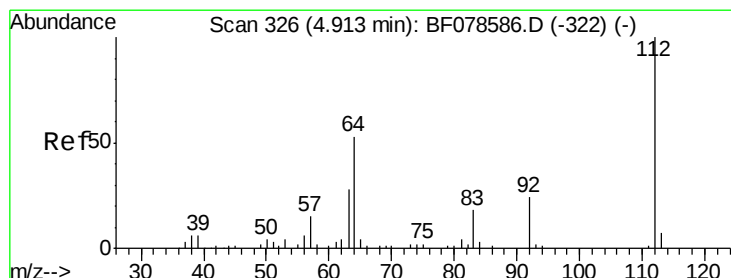
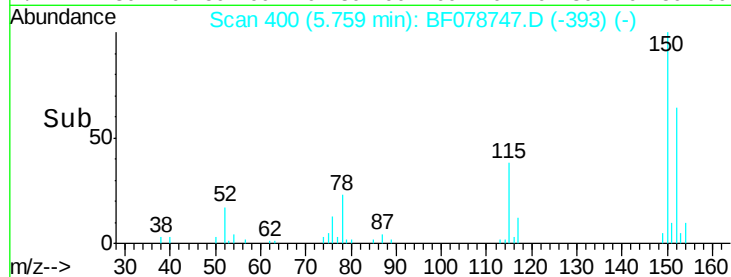
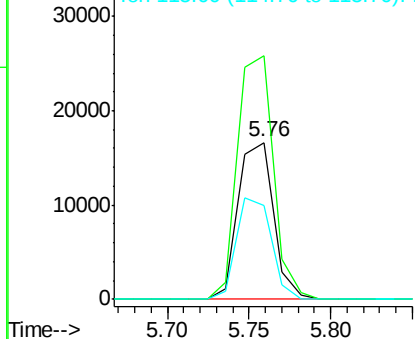
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF078747.D
Acq: 23 Apr 2015 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 24979
Ion Ratio Lower Upper
152 100
150 155.1 125.9 188.9
115 59.5 52.7 79.1



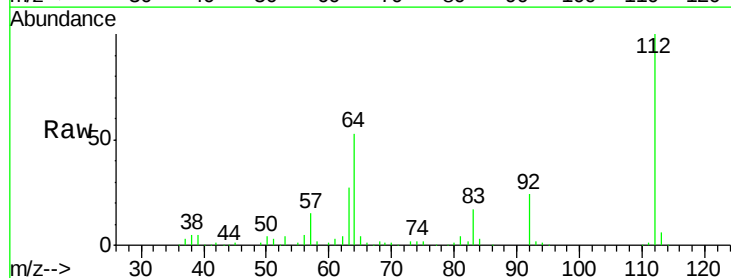
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



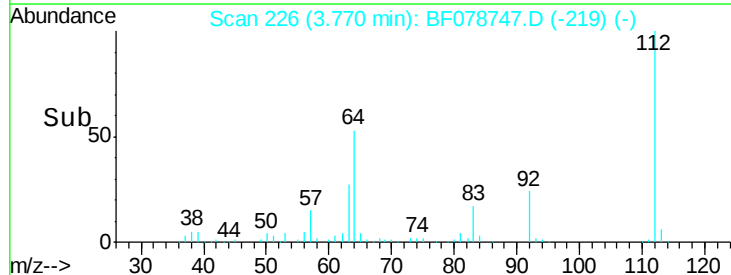
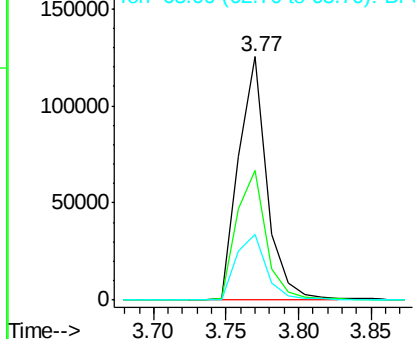
#5

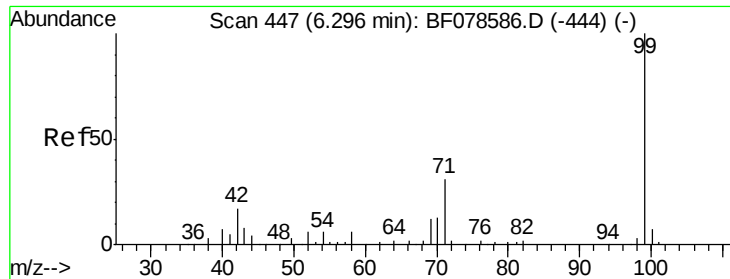
2-Fluorophenol
Concen: 112.58 ng
RT: 3.77 min Scan# 226
Delta R.T. -0.02 min
Lab File: BF078747.D
Acq: 23 Apr 2015 14:23

Tgt Ion:112 Resp: 170562
Ion Ratio Lower Upper
112 100
64 53.3 39.9 59.9
63 26.8 20.2 30.4



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: 115.46 ng

RT: 5.26 min Scan# 356

Delta R.T. -0.03 min

Lab File: BF078747.D

Acq: 23 Apr 2015 14:23

Instrument :

BNA_F

ClientSampleId :

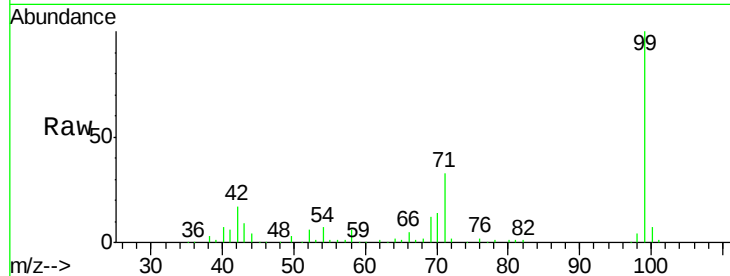
Tot Ion: 99 Resp: 219211

Ion Ratio Lower Upper

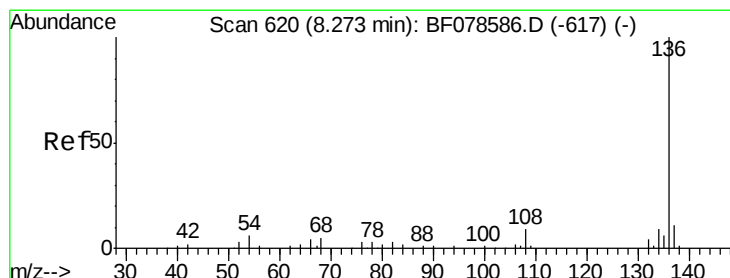
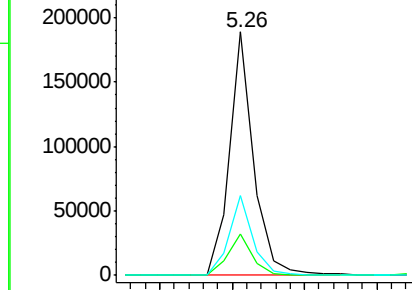
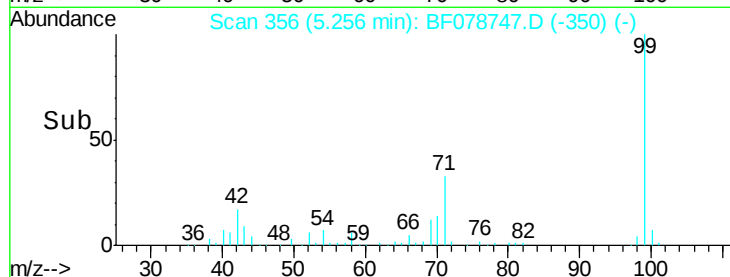
99 100

42 17.1 14.8 22.2

71 33.0 26.6 39.8



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: 7.91 min Scan# 588

Delta R.T. -0.03 min

Lab File: BF078747.D

Acq: 23 Apr 2015 14:23

Tgt Ion: 136 Resp: 104665

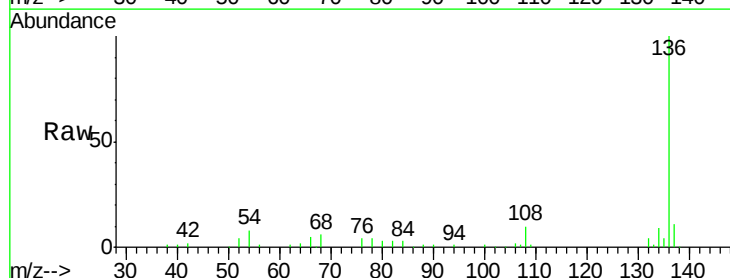
Ion Ratio Lower Upper

136 100

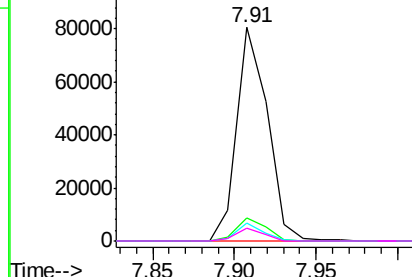
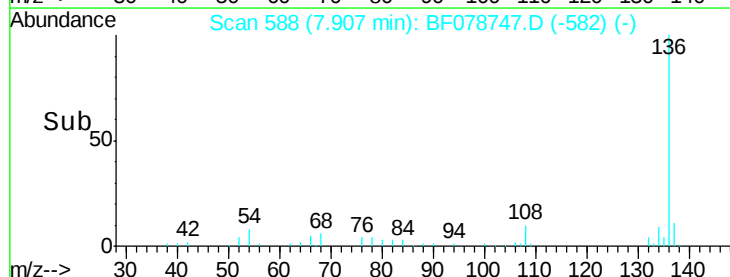
137 10.9 9.0 13.4

54 8.3 7.0 10.6

68 5.8 5.4 8.2



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

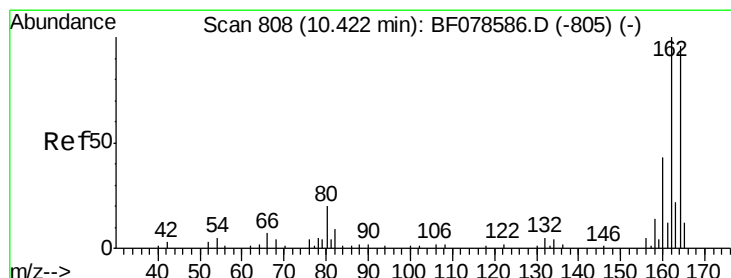
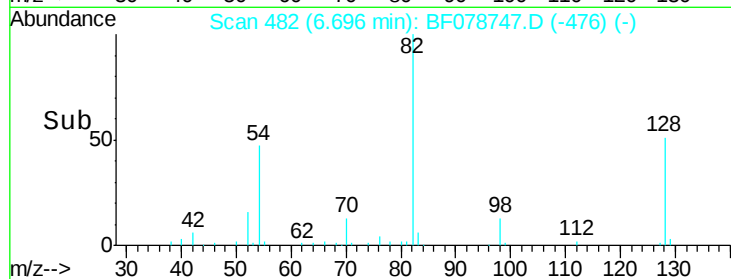
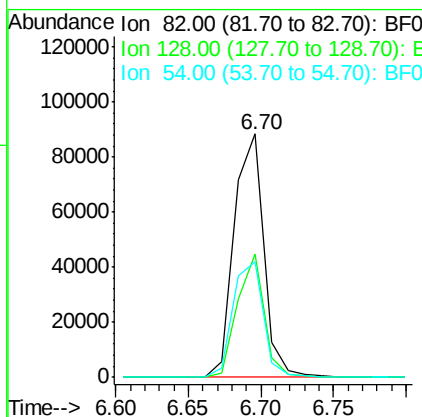
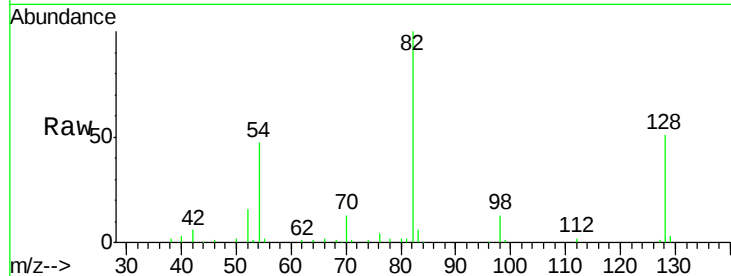




#23
 Nitrobenzene-d5
 Concen: 72.49 ng
 RT: 6.70 min Scan# 482
 Delta R.T. -0.03 min
 Lab File: BF078747.D
 Acq: 23 Apr 2015 14:23

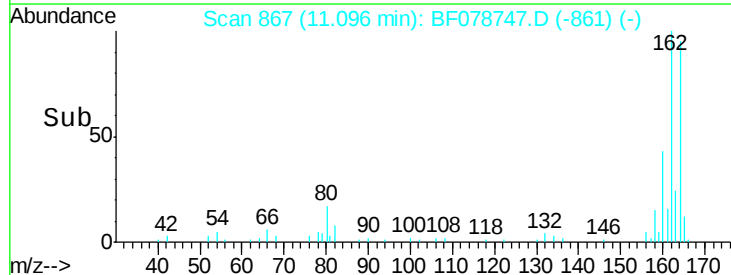
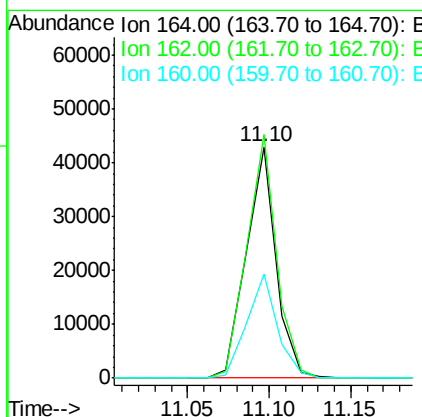
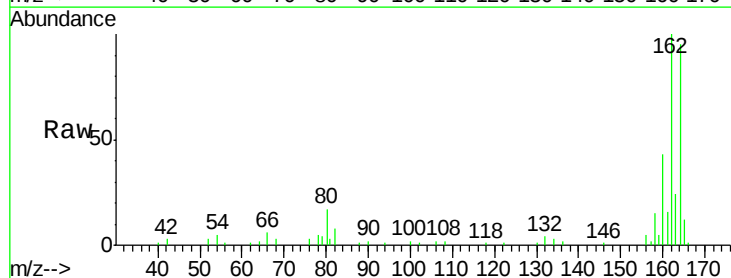
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 125182
 Ion Ratio Lower Upper
 82 100
 128 50.6 31.8 47.8#
 54 47.3 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.03 min
 Lab File: BF078747.D
 Acq: 23 Apr 2015 14:23

Tgt Ion:164 Resp: 54272
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.2 123.2
 160 44.8 34.7 52.1

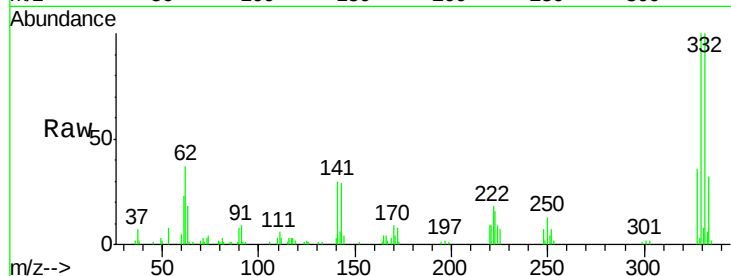




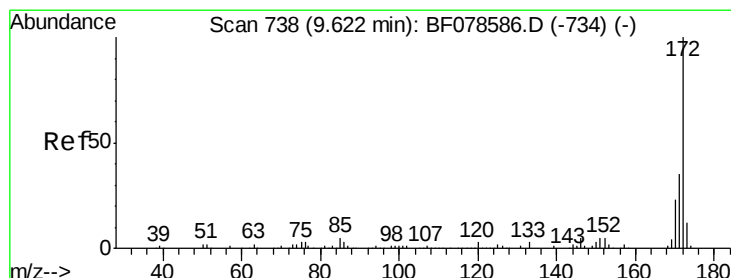
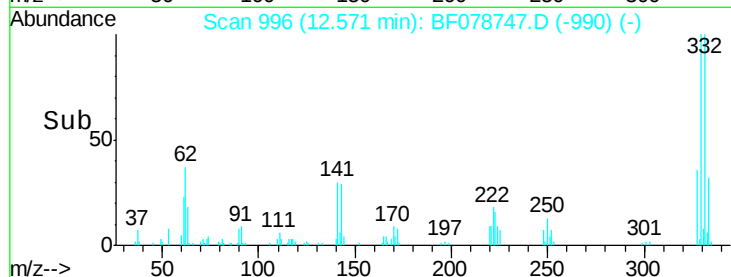
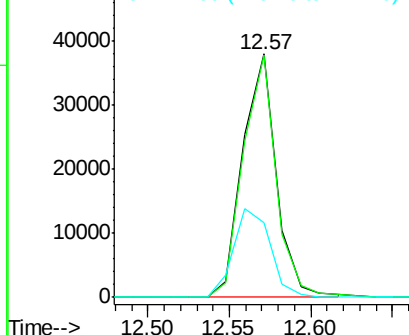
#41
 2,4,6-Tribromophenol
 Concen: 120.27 ng
 RT: 12.57 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BF078747.D
 Acq: 23 Apr 2015 14:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 54134
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.6 117.8
 141 39.8 31.2 46.8

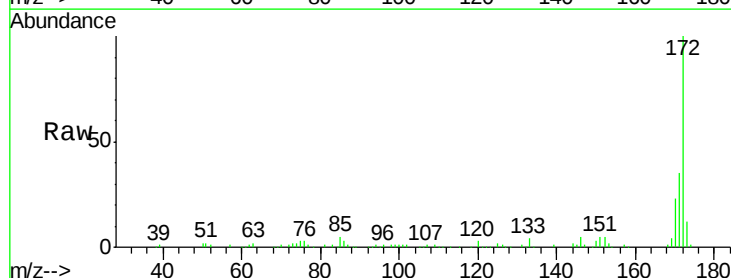


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

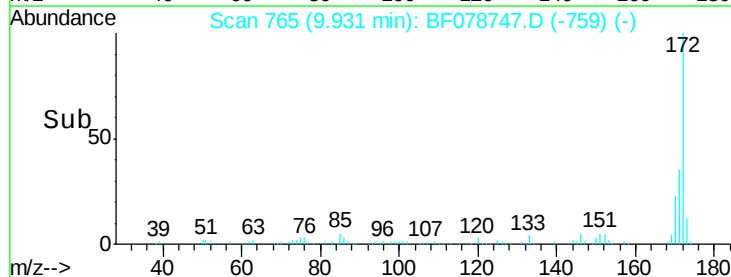
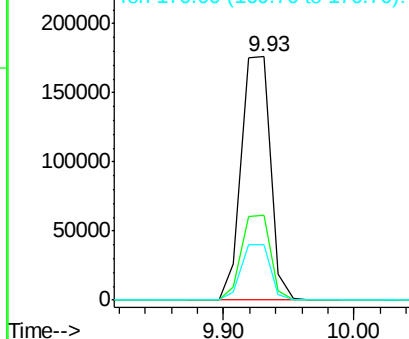


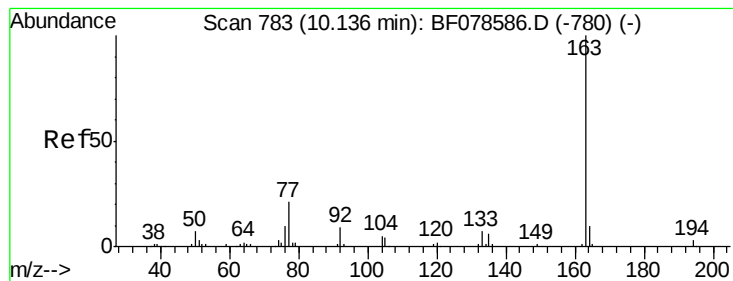
#44
 2-Fluorobiphenyl
 Concen: 72.32 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF078747.D
 Acq: 23 Apr 2015 14:23

Tgt Ion:172 Resp: 274592
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 22.8 18.5 27.7



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





#49

Dimethylphthalate

Concen: 4.10 ng

RT: 10.73 min Scan# 835

Delta R.T. -0.05 min

Lab File: BF078747.D

Acq: 23 Apr 2015 14:23

Instrument :

BNA_F

ClientSampleId :

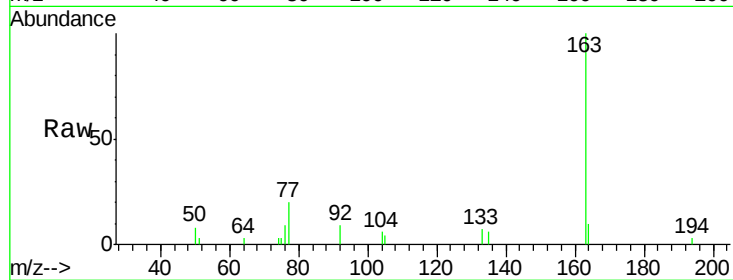
Tot Ion:163 Resp: 16718

Ion Ratio Lower Upper

163 100

194 3.3 2.3 3.5

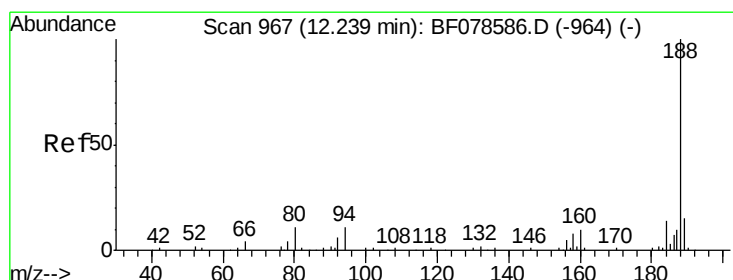
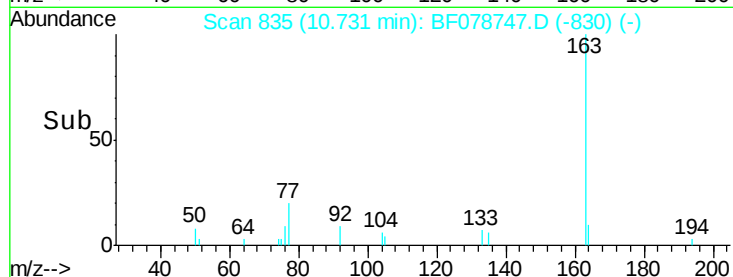
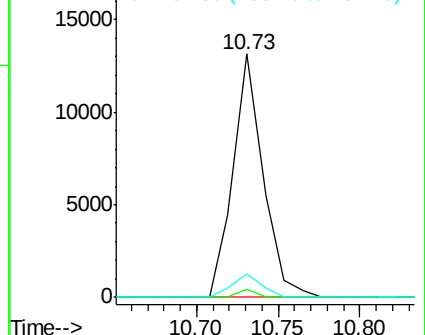
164 9.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.83 min Scan# 1106

Delta R.T. -0.03 min

Lab File: BF078747.D

Acq: 23 Apr 2015 14:23

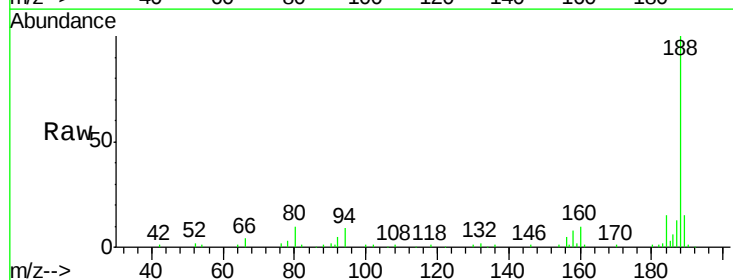
Tgt Ion:188 Resp: 109656

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

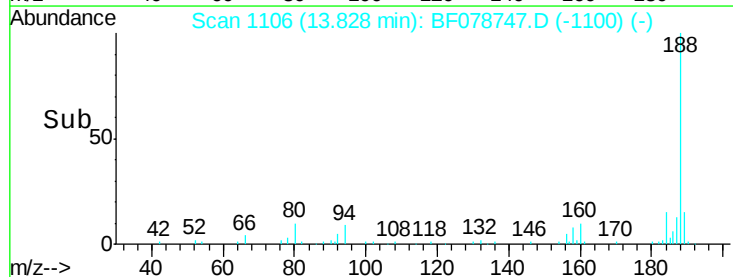
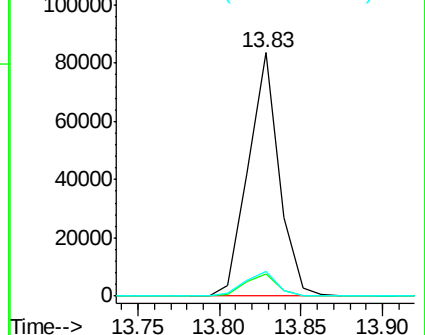
80 10.3 9.5 14.3

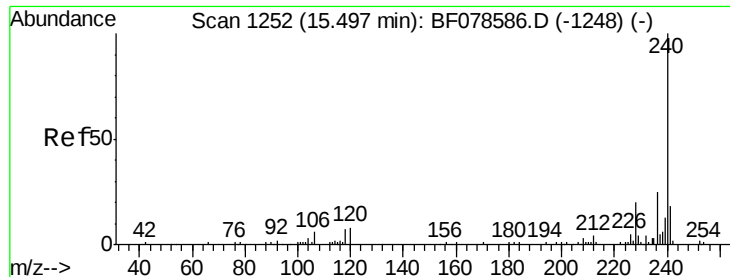


Abundance Ion 188.00 (187.70 to 188.70): E

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: 17.71 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BF078747.D

Acq: 23 Apr 2015 14:23

Instrument :

BNA_F

ClientSampleId :

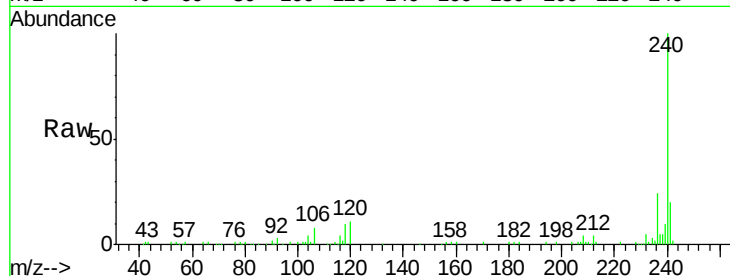
Tot Ion:240 Resp: 126923

Ion Ratio Lower Upper

240 100

120 11.3 7.1 10.7#

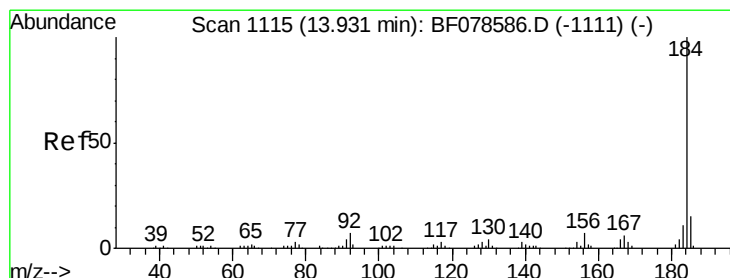
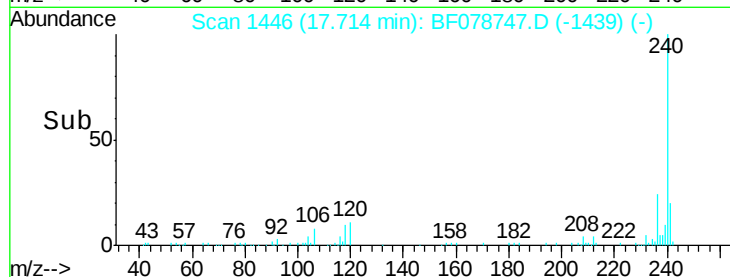
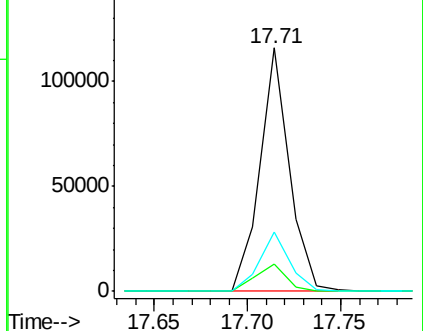
236 24.3 21.4 32.2



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



#76

Benzidine

Concen: 2.62 ng

RT: 16.05 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF078747.D

Acq: 23 Apr 2015 14:23

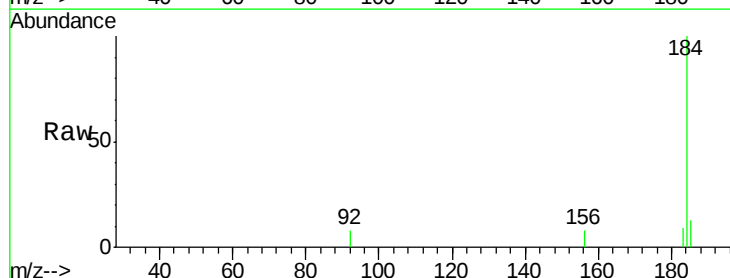
Tgt Ion:184 Resp: 12785

Ion Ratio Lower Upper

184 100

185 13.3 12.2 18.2

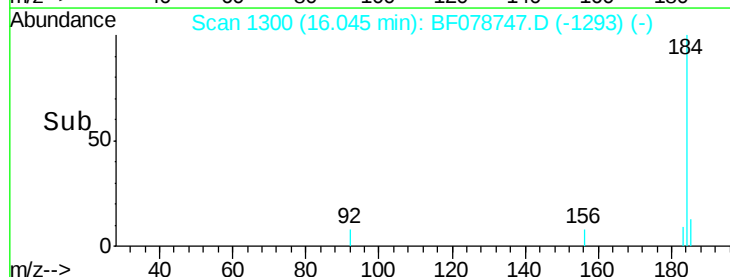
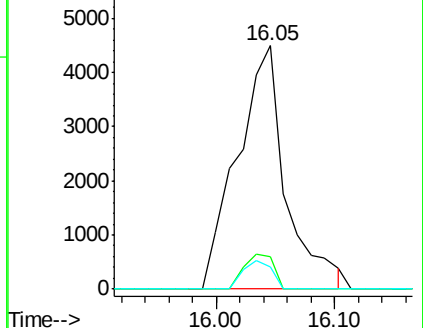
183 9.3 9.5 14.3#

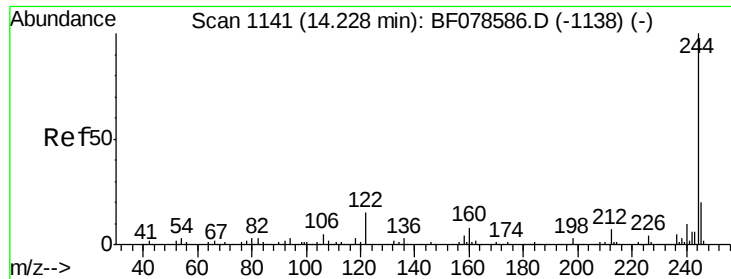


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

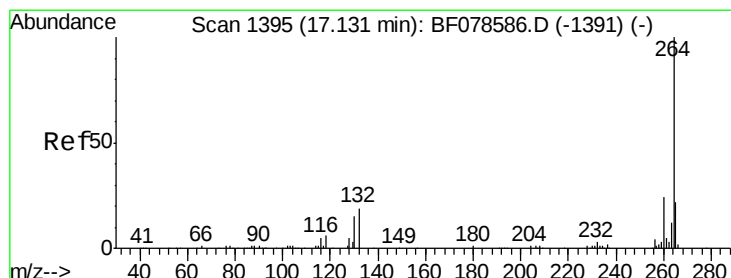
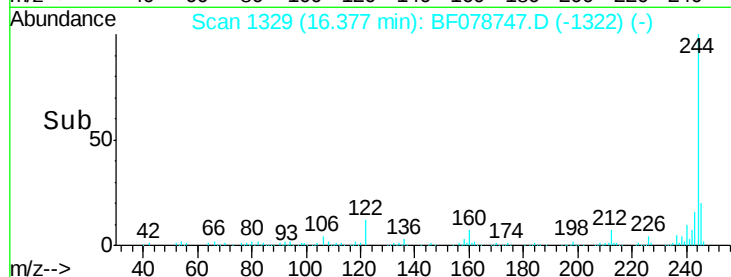
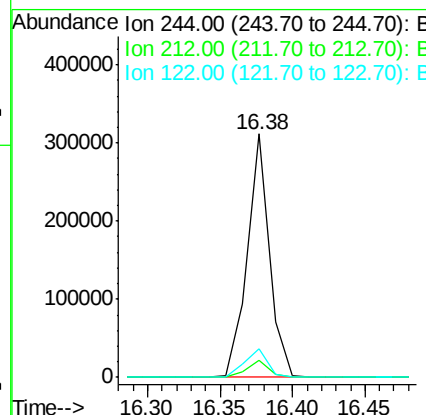
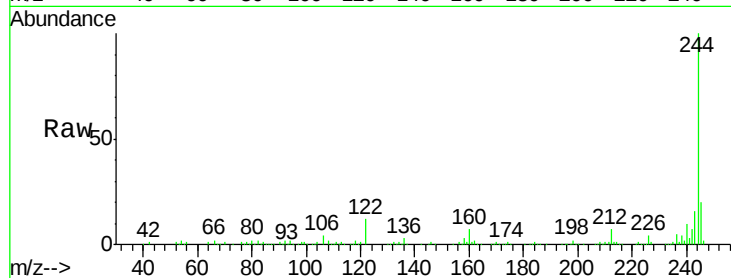




#78
 Terphenyl-d14
 Concen: 58.90 ng
 RT: 16.38 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF078747.D
 Acq: 23 Apr 2015 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 330831
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 11.8 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.50 min Scan# 1602
 Delta R.T. 0.08 min
 Lab File: BF078747.D
 Acq: 23 Apr 2015 14:23

Tgt Ion:264 Resp: 128855
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.2 17.0 25.6

