

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
 Data File : BF078777.D
 Acq On : 24 Apr 2015 8:26
 Operator : TP/IZ
 Sample : G1987-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Apr 24 12:39:19 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	24747	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	100859	20.00	ng	-0.02
38) Acenaphthene-d10	11.10	164	52210	20.00	ng	-0.03
63) Phenanthrene-d10	13.84	188	105965	20.00	ng	-0.02
75) Chrysene-d12	17.71	240	120998	20.00	ng	-0.02
86) Perylene-d12	19.44	264	118049	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.78	112	77517	51.65	ng	-0.01
7) Phenol-d6	5.29	99	63688m	33.86	ng	0.00
23) Nitrobenzene-d5	6.70	82	139270	83.70	ng	-0.03
41) 2,4,6-Tribromophenol	12.58	330	58463	135.02	ng	-0.02
44) 2-Fluorobiphenyl	9.93	172	294845	80.72	ng	-0.03
78) Terphenyl-d14	16.38	244	278213	51.96	ng	-0.02

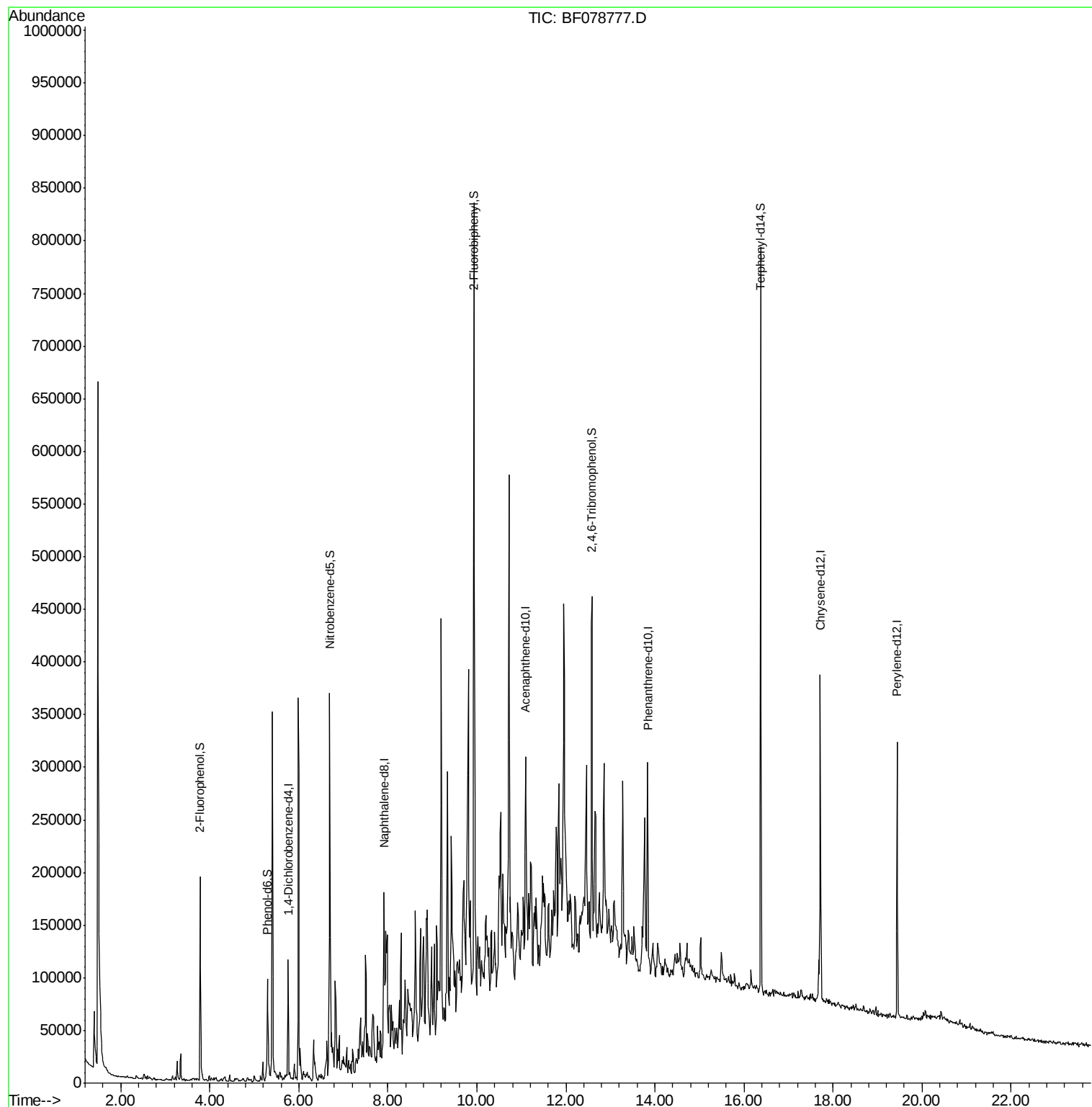
Target Compounds Qvalue

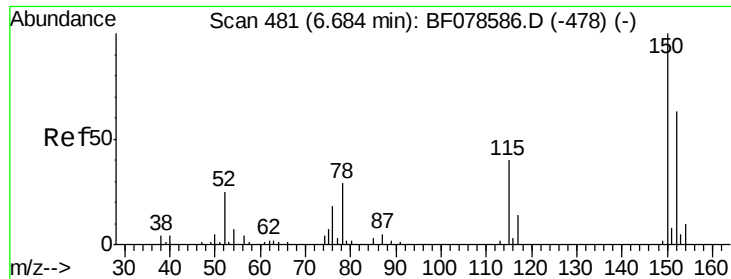
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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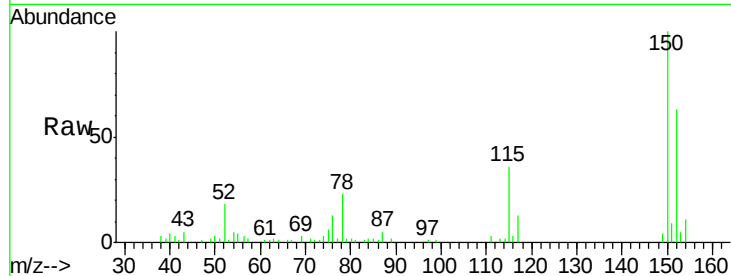




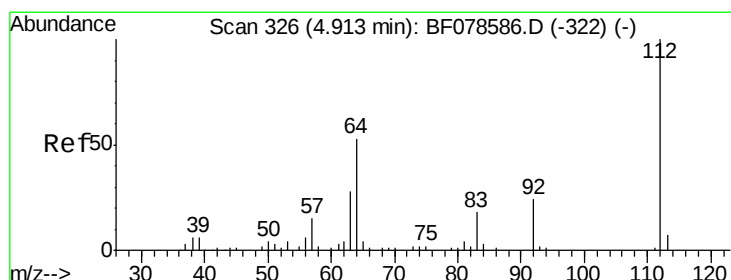
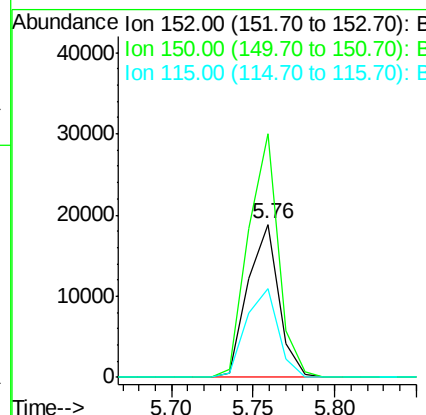
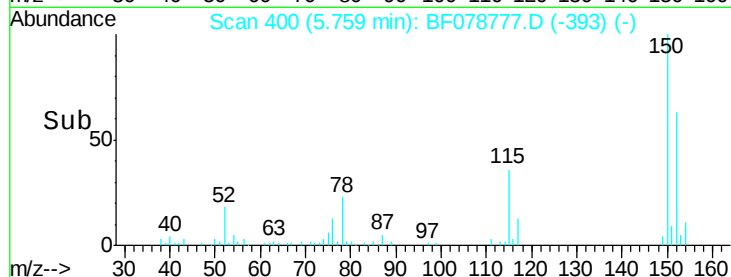
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.76 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF078777.D
 Acq: 24 Apr 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tot Ion:152 Resp: 24747
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.9 188.9
 115 57.5 52.7 79.1

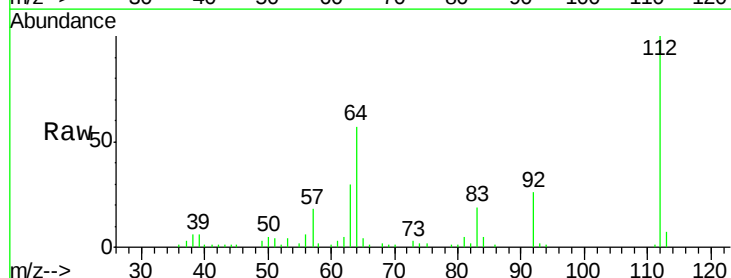


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

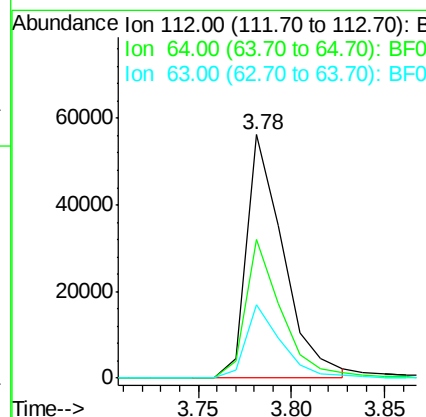
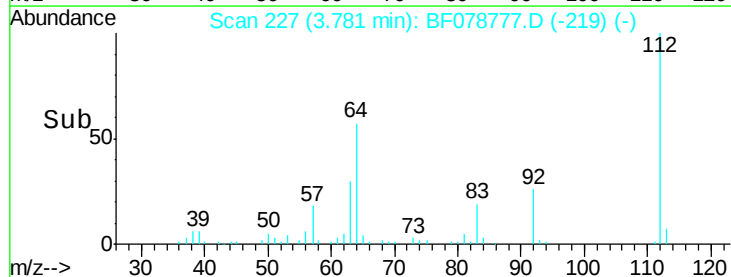


#5
 2-Fluorophenol
 Concen: 51.65 ng
 RT: 3.78 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: BF078777.D
 Acq: 24 Apr 2015 8:26

Tgt Ion:112 Resp: 77517
 Ion Ratio Lower Upper
 112 100
 64 56.9 39.9 59.9
 63 30.4 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: 33.86 ng/mL

RT: 5.29 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF078777.D

Acq: 24 Apr 2015 8:26

Instrument :

BNA_F

ClientSampleID :

MW-05

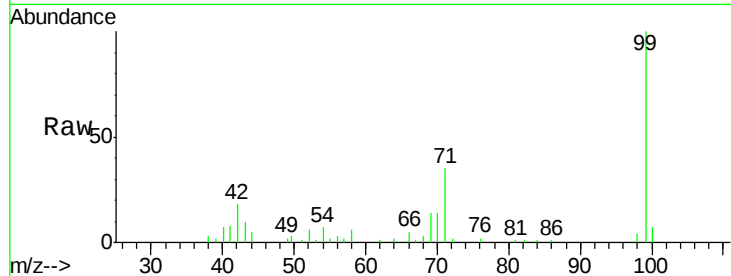
Tot Ion: 99 Resp: 63688

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

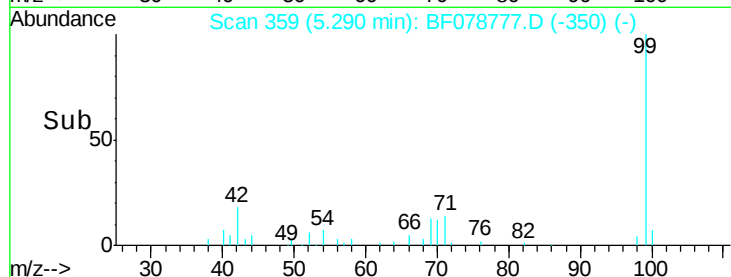
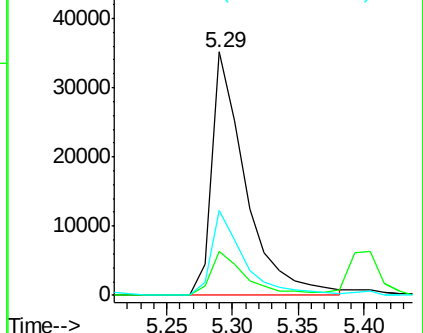
71 34.6 26.6 39.8



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/mL

RT: 7.92 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF078777.D

Acq: 24 Apr 2015 8:26

Tgt Ion: 136 Resp: 100859

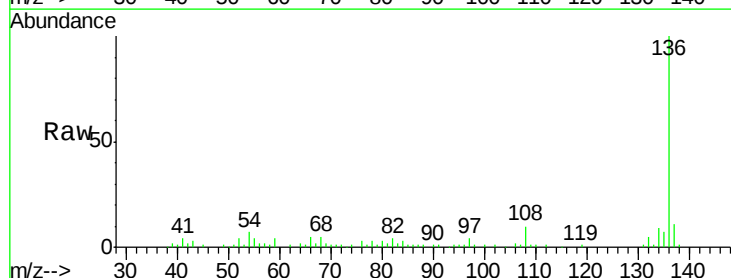
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.8 7.0 10.6#

68 5.2 5.4 8.2#

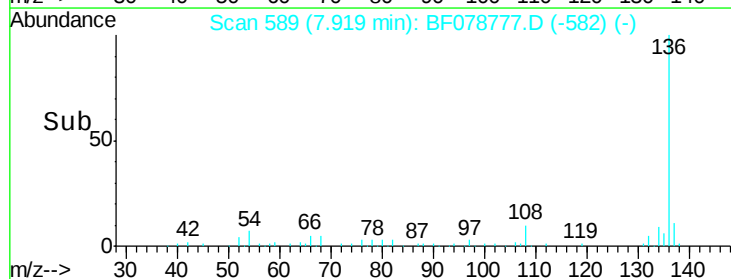
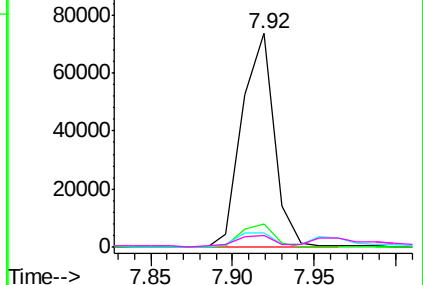


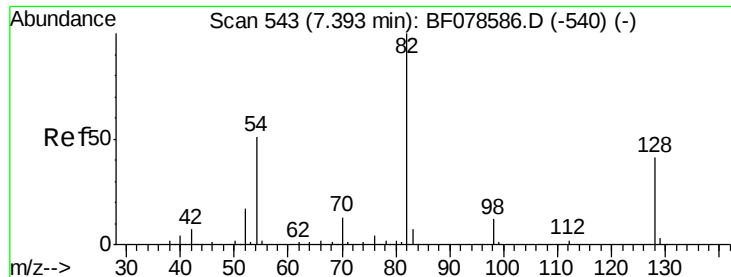
Abundance Ion 136.00 (135.70 to 136.70): E

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

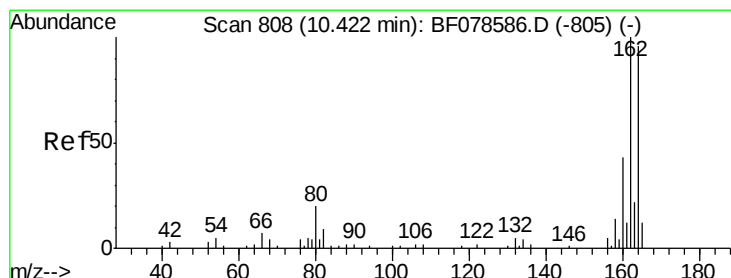
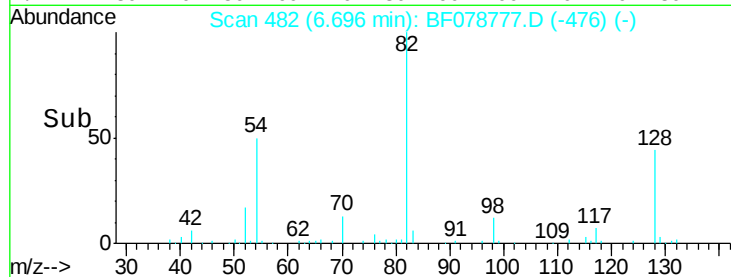
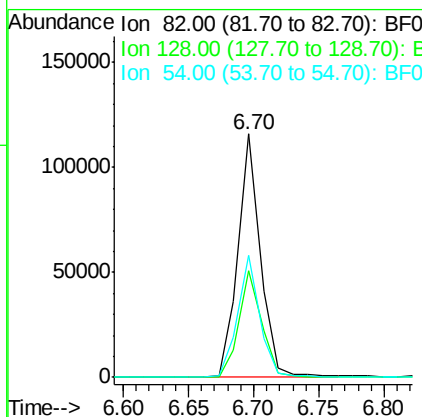
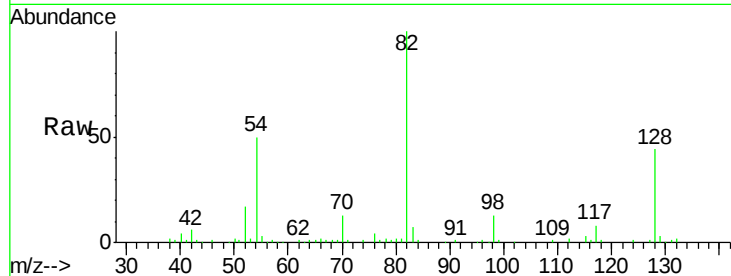




#23
 Nitrobenzene-d5
 Concen: 83.70 ng
 RT: 6.70 min Scan# 482
 Delta R.T. -0.03 min
 Lab File: BF078777.D
 Acq: 24 Apr 2015 8:26

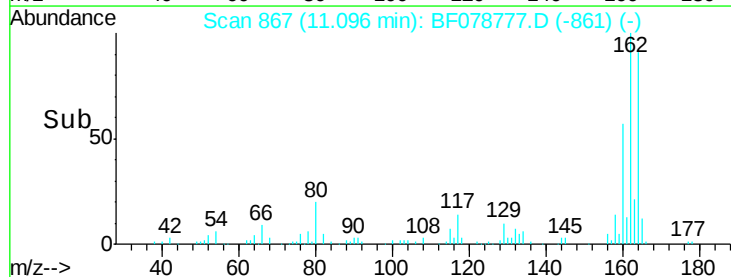
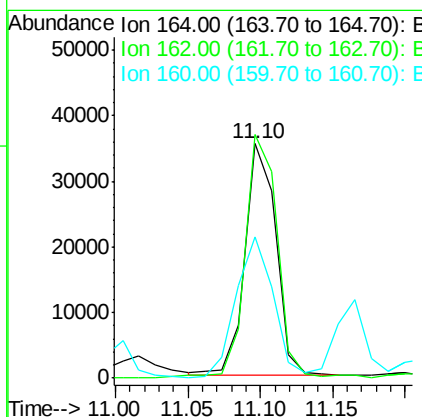
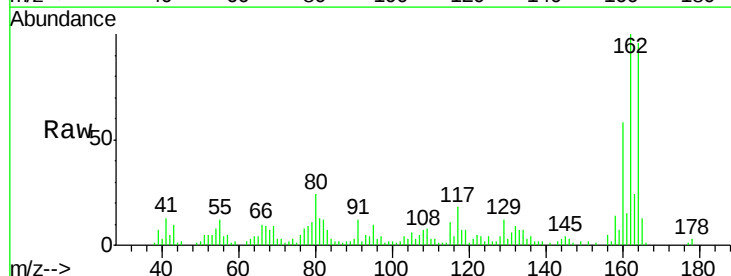
Instrument :
 BNA_F
 ClientSampleId :
 MW-05

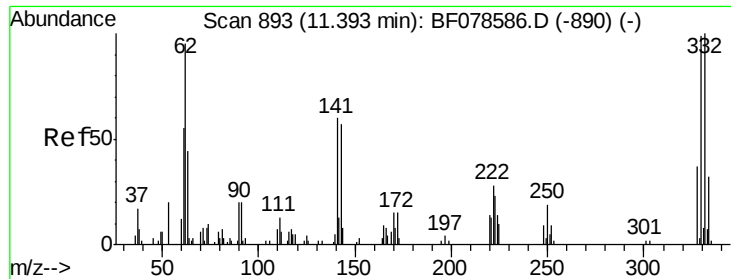
Tot Ion	82	Resp	139270
Ion Ratio	Lower	Upper	
82	100		
128	43.9	31.8	47.8
54	50.1	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.03 min
 Lab File: BF078777.D
 Acq: 24 Apr 2015 8:26

Tgt Ion	164	Resp	52210
Ion Ratio	Lower	Upper	
164	100		
162	103.9	82.2	123.2
160	60.2	34.7	52.1#

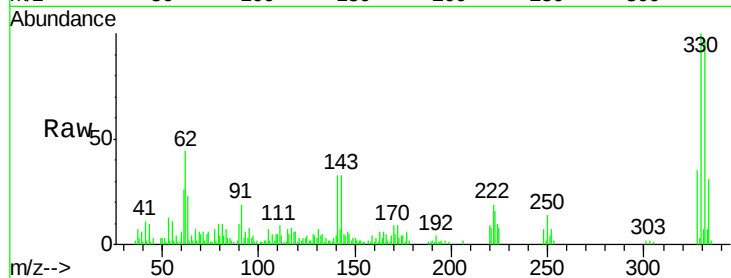




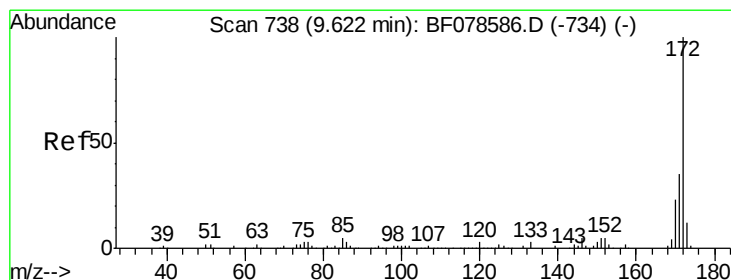
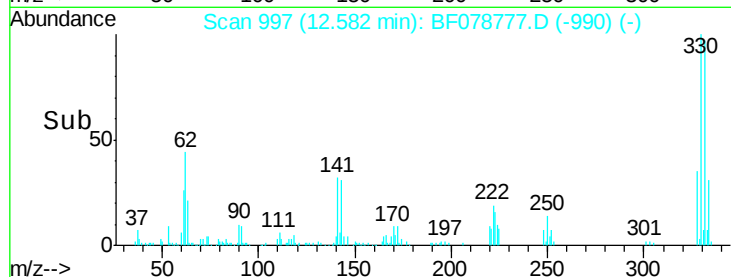
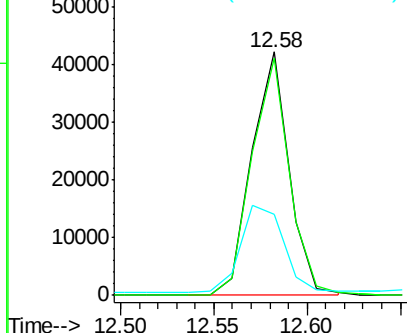
#41
 2,4,6-Tribromophenol
 Concen: 135.02 ng
 RT: 12.58 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF078777.D
 Acq: 24 Apr 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.6	117.8
141	41.2	31.2	46.8

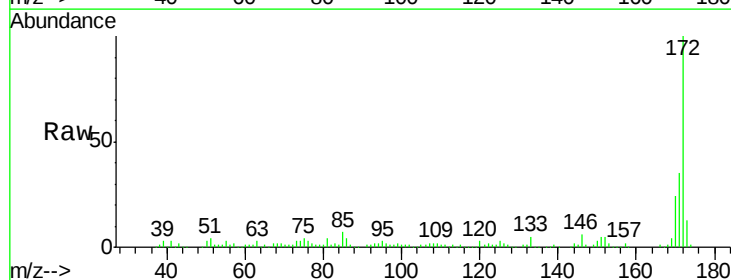


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

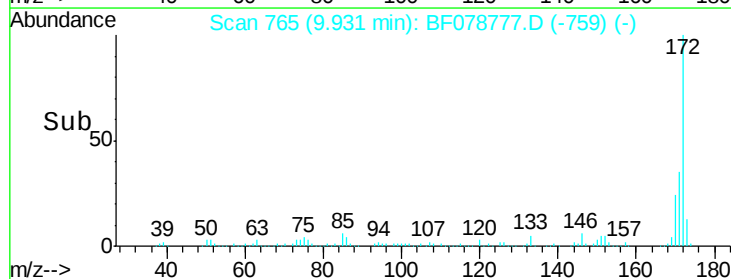
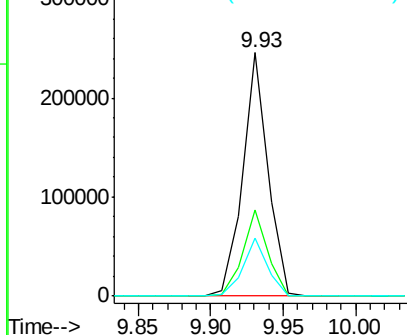


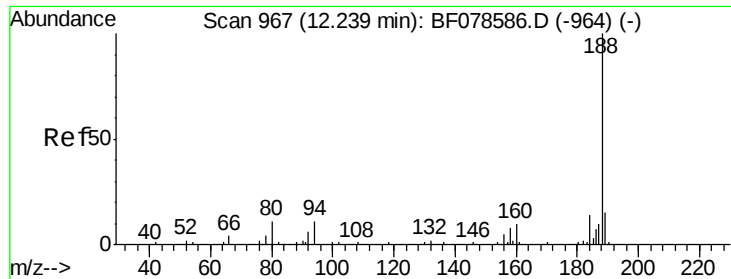
#44
 2-Fluorobiphenyl
 Concen: 80.72 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF078777.D
 Acq: 24 Apr 2015 8:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.6	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

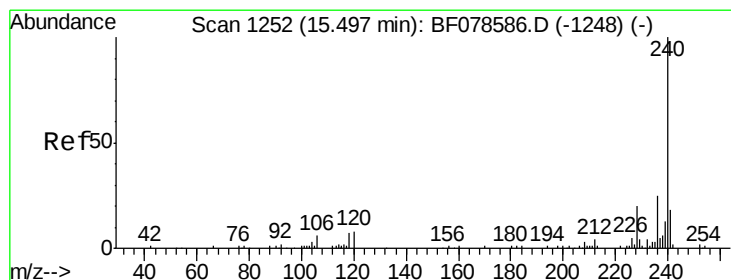
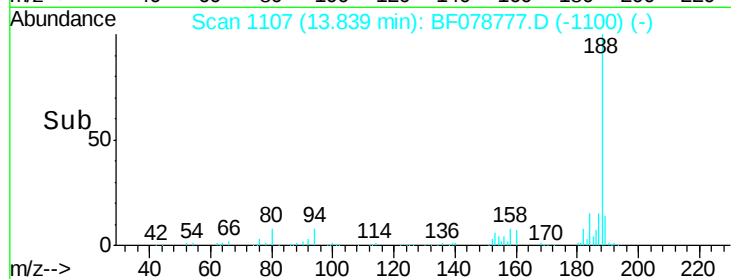
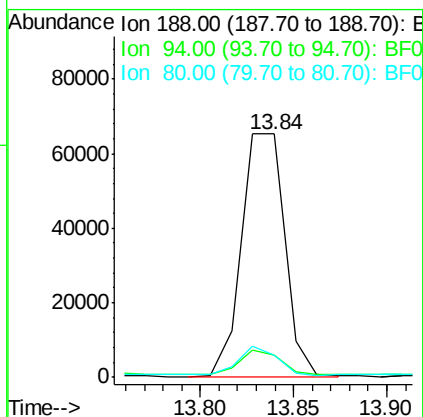
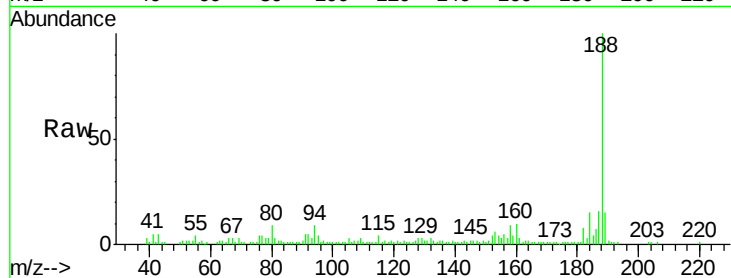




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.84 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF078777.D
Acq: 24 Apr 2015 8:26

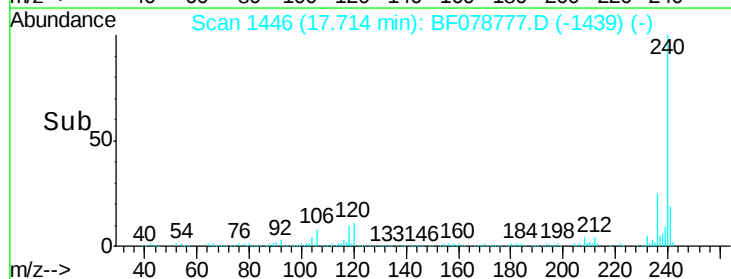
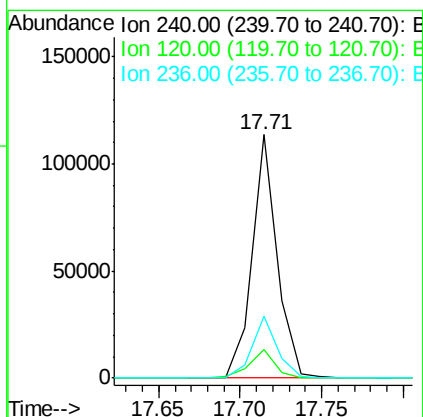
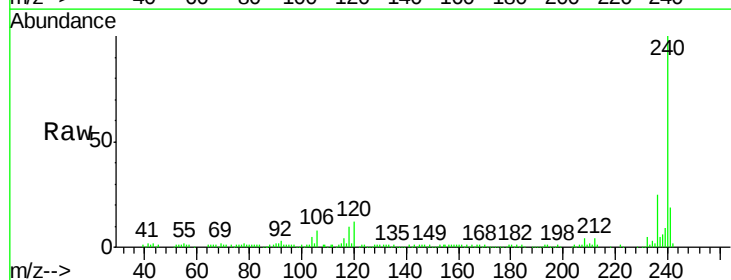
Instrument :
BNA_F
ClientSampleId :
MW-05

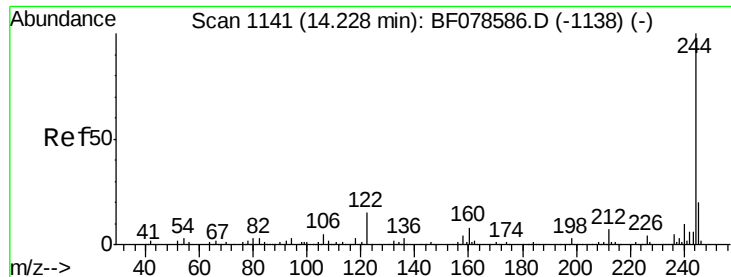
Tot Ion:188 Resp: 105965
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.4
80 8.9 9.5 14.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF078777.D
Acq: 24 Apr 2015 8:26

Tgt Ion:240 Resp: 120998
Ion Ratio Lower Upper
240 100
120 11.7 7.1 10.7#
236 25.1 21.4 32.2





#78

Terphenyl-d14

Concen: 51.96 ng

RT: 16.38 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF078777.D

Acq: 24 Apr 2015 8:26

Instrument :

BNA_F

ClientSampleId :

MW-05

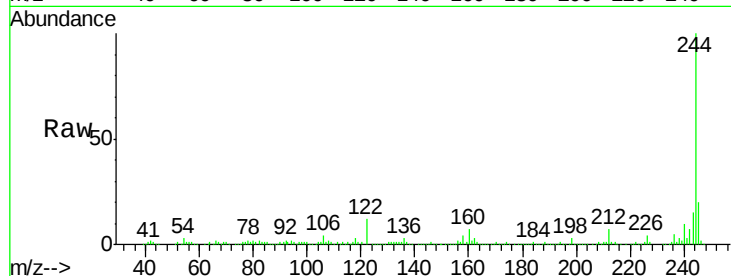
Tot Ion:244 Resp: 278213

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

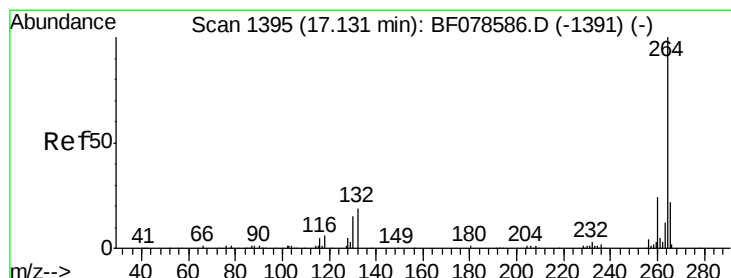
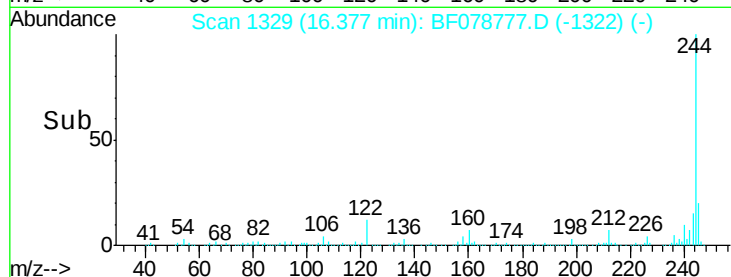
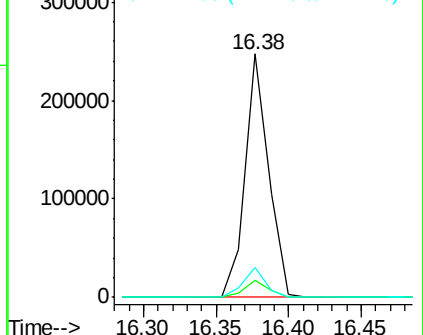
122 12.3 7.1 10.7#



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: 19.44 min Scan# 1597

Delta R.T. 0.02 min

Lab File: BF078777.D

Acq: 24 Apr 2015 8:26

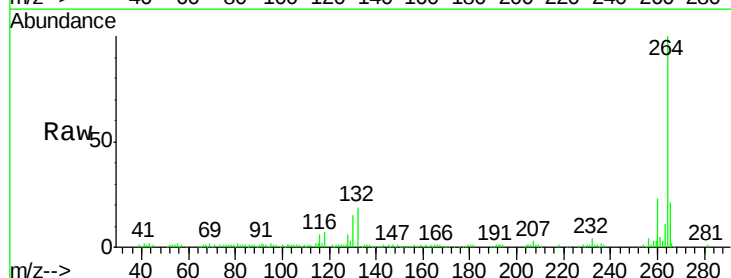
Tgt Ion:264 Resp: 118049

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.3 17.0 25.6



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

