

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
 Data File : BF078772.D
 Acq On : 24 Apr 2015 5:51
 Operator : TP/IZ
 Sample : G1987-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Apr 24 06:48:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 04:11:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	27719	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	112577	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	55406	20.00	ng	0.01
63) Phenanthrene-d10	13.84	188	113122	20.00	ng	0.01
75) Chrysene-d12	17.71	240	125968	20.00	ng	0.00
86) Perylene-d12	19.44	264	133080	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.79	112	39428m	23.45	ng	0.02
7) Phenol-d6	5.30	99	32676m	15.51	ng	0.03
23) Nitrobenzene-d5	6.70	82	79381	42.74	ng	0.00
41) 2,4,6-Tribromophenol	12.58	330	31542	68.64	ng	0.01
44) 2-Fluorobiphenyl	9.93	172	164077	42.33	ng	0.00
78) Terphenyl-d14	16.38	244	166911	29.94	ng	0.00

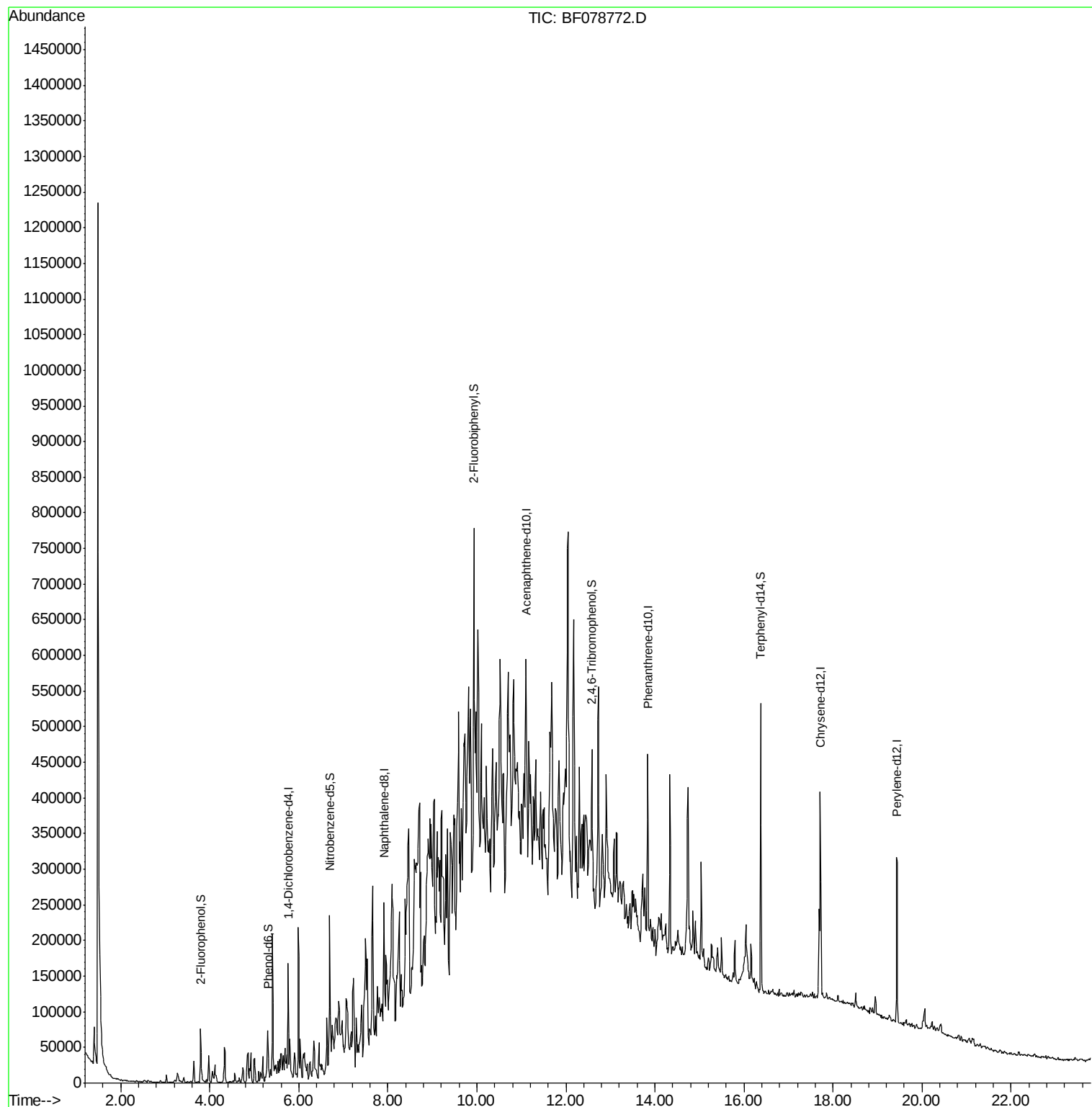
Target Compounds Qvalue

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

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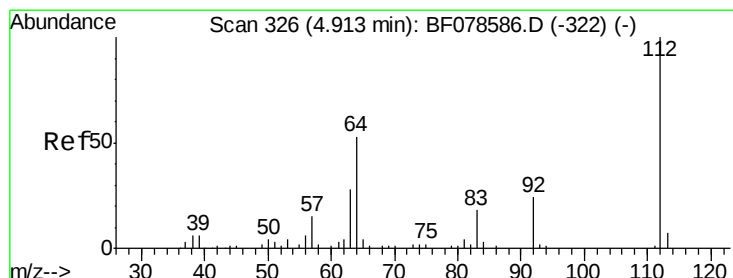
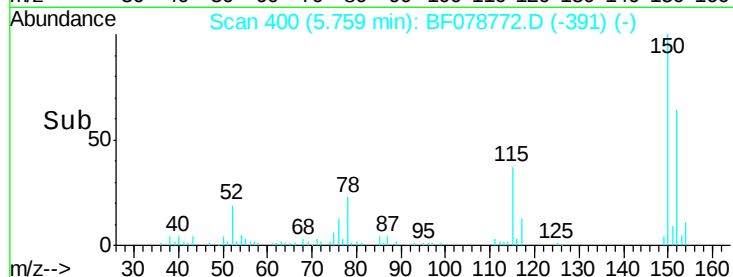
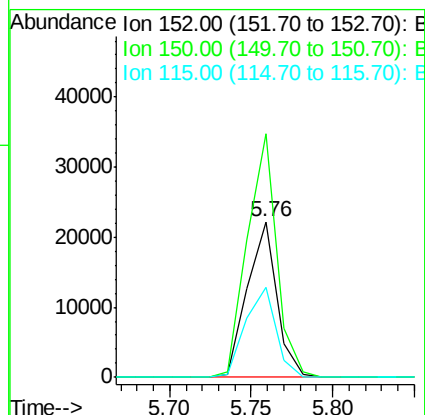
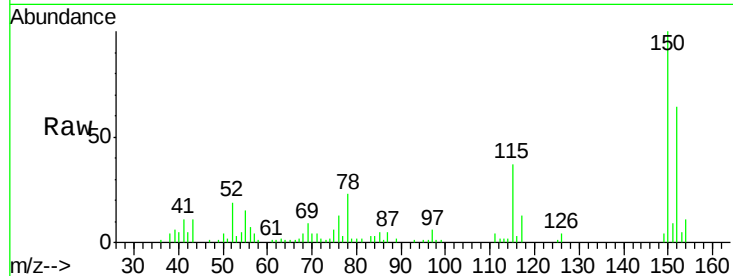




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.76 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF078772.D
 Acq: 24 Apr 2015 5:51

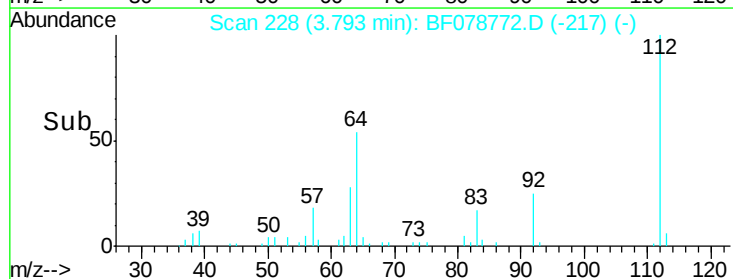
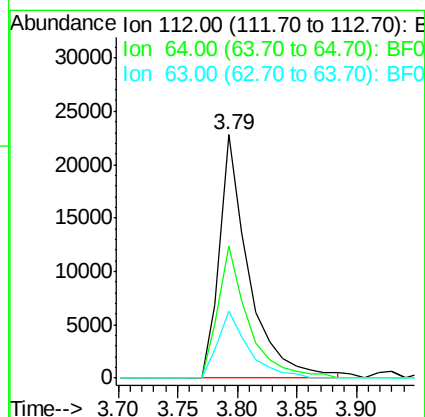
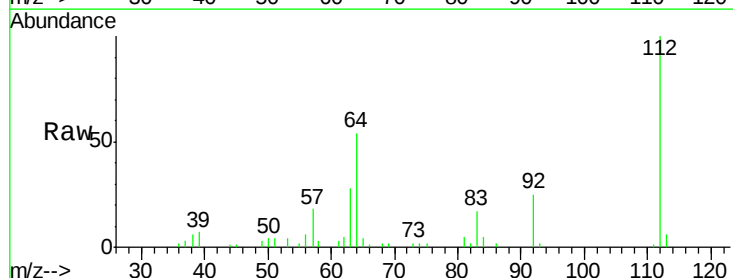
Instrument :
 BNA_F
 ClientSampled :
 MW-01

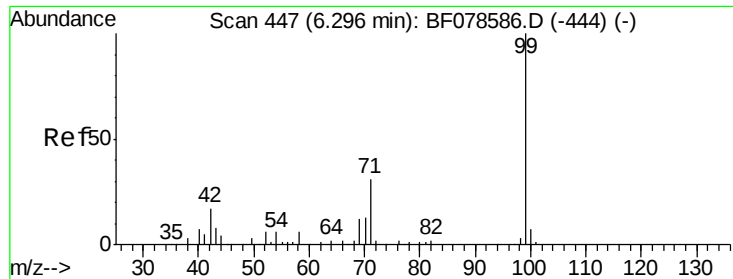
Tot Ion:152 Resp: 27719
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.9 188.9
 115 58.1 52.7 79.1



#5
 2-Fluorophenol
 Concen: 23.45 ng m
 RT: 3.79 min Scan# 228
 Delta R.T. 0.02 min
 Lab File: BF078772.D
 Acq: 24 Apr 2015 5:51

Tgt Ion:112 Resp: 39428
 Ion Ratio Lower Upper
 112 100
 64 54.4 39.9 59.9
 63 27.7 20.2 30.4





#7

Phenol-d6

Concen: 15.51 ng/mL

RT: 5.30 min Scan# 360

Delta R.T. 0.03 min

Lab File: BF078772.D

Acq: 24 Apr 2015 5:51

Instrument :

BNA_F

ClientSampleId :

MW-01

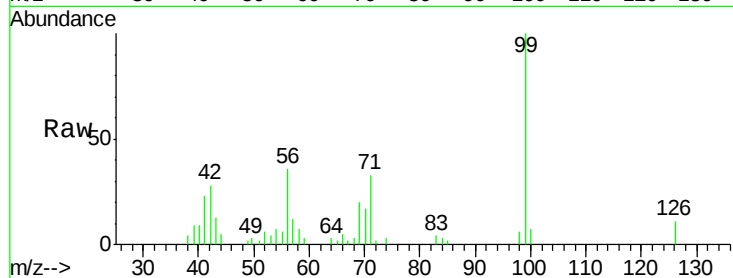
Tot Ion: 99 Resp: 32676

Ion Ratio Lower Upper

99 100

42 27.9 14.8 22.2#

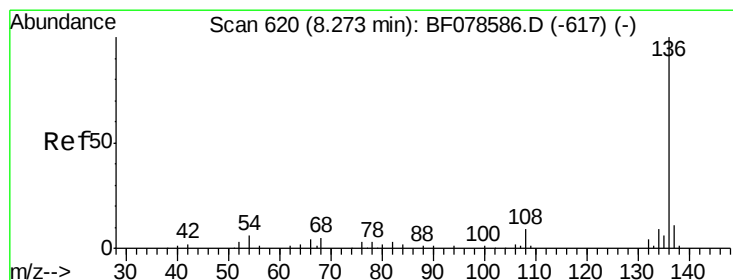
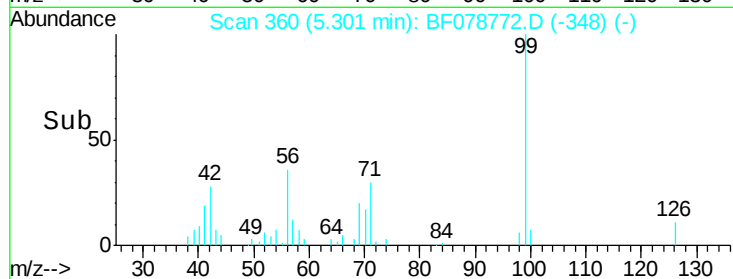
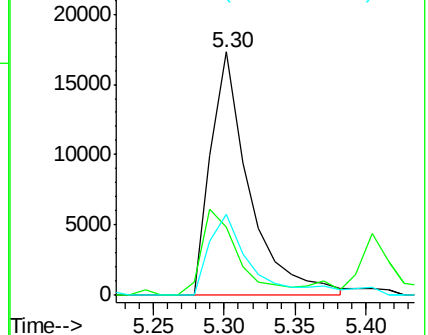
71 33.3 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF078586.D (-444) (-)

Ion 42.00 (41.70 to 42.70): BF078586.D (-444) (-)

Ion 71.00 (70.70 to 71.70): BF078586.D (-444) (-)



#21

Naphthalene-d8

Concen: 20.00 ng/mL

RT: 7.92 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF078772.D

Acq: 24 Apr 2015 5:51

Tgt Ion: 136 Resp: 112577

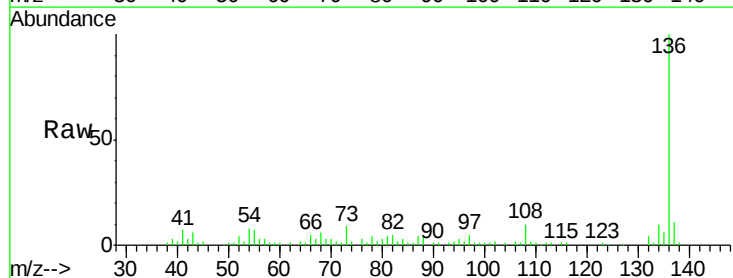
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 7.7 7.0 10.6

68 5.8 5.4 8.2

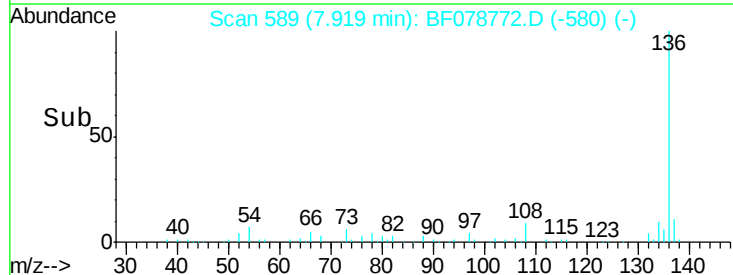
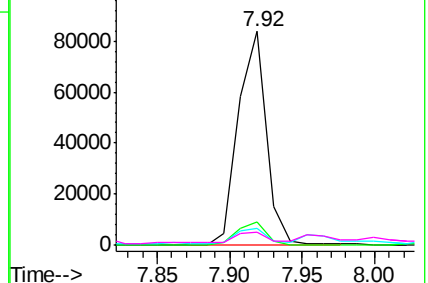


Abundance Ion 136.00 (135.70 to 136.70): BF078586.D (-617) (-)

Ion 137.00 (136.70 to 137.70): BF078586.D (-617) (-)

Ion 54.00 (53.70 to 54.70): BF078586.D (-617) (-)

Ion 68.00 (67.70 to 68.70): BF078586.D (-617) (-)

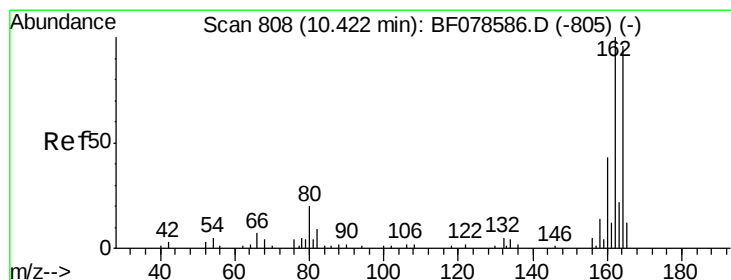
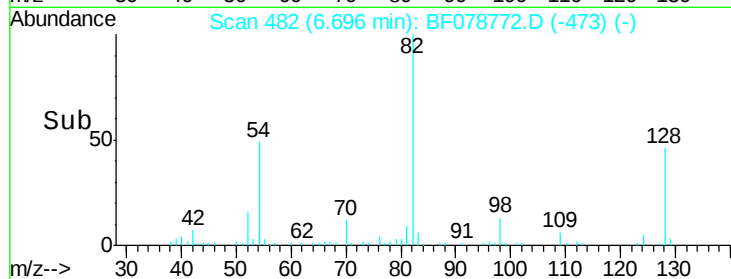
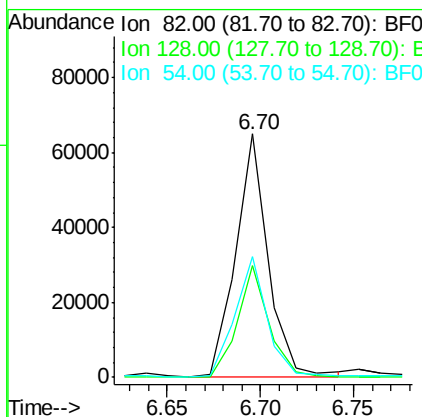
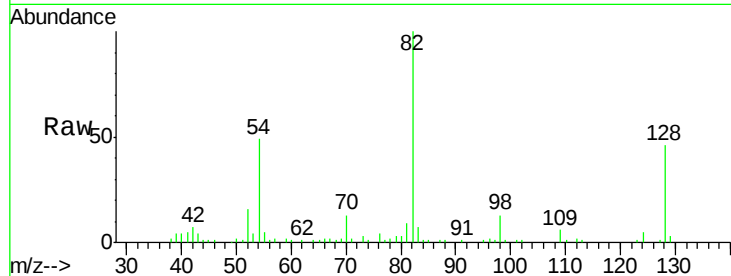




#23
 Nitrobenzene-d5
 Concen: 42.74 ng
 RT: 6.70 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF078772.D
 Acq: 24 Apr 2015 5:51

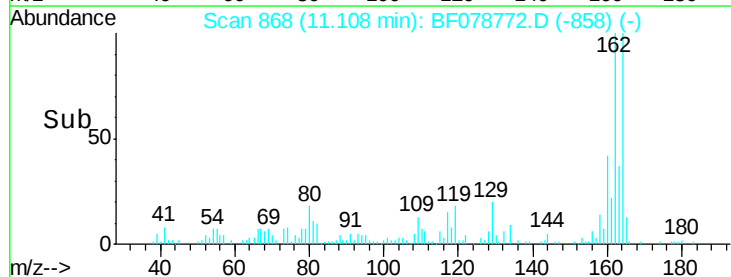
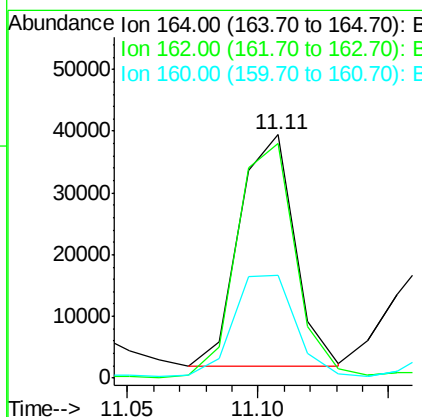
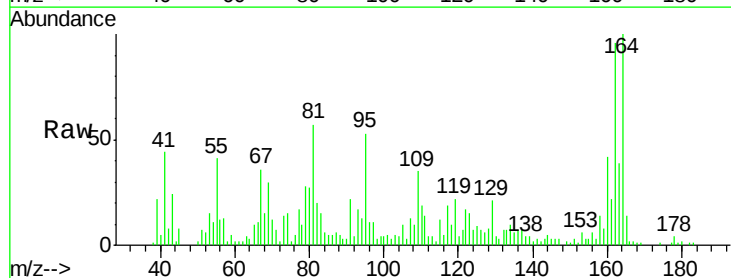
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion	82	Resp	79381
Ion Ratio	Lower	Upper	
82	100		
128	46.1	31.8	47.8
54	49.5	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: BF078772.D
 Acq: 24 Apr 2015 5:51

Tgt Ion	164	Resp	55406
Ion Ratio	Lower	Upper	
164	100		
162	96.3	82.2	123.2
160	42.1	34.7	52.1

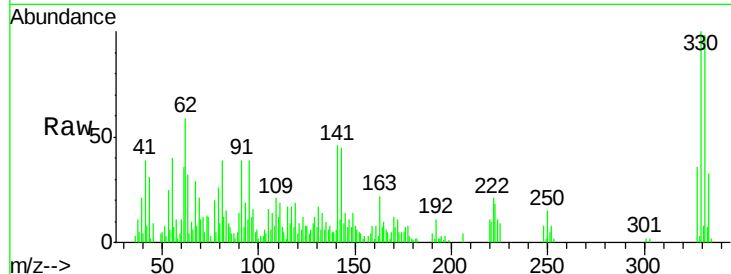




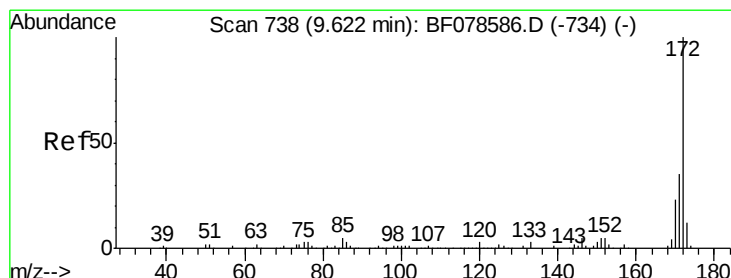
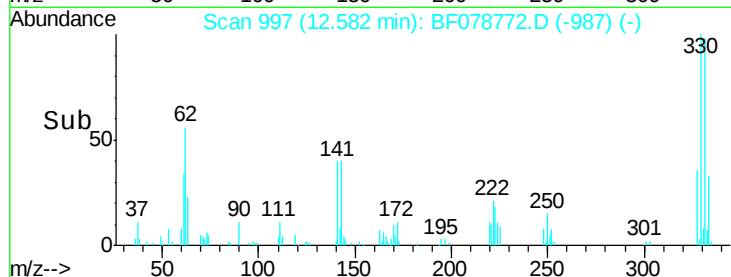
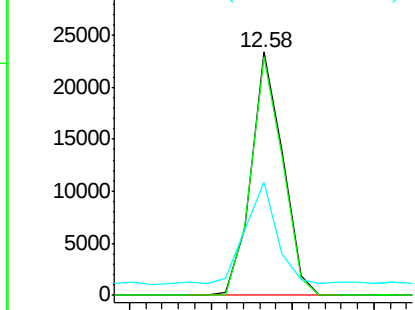
#41
 2,4,6-Tribromophenol
 Concen: 68.64 ng
 RT: 12.58 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF078772.D
 Acq: 24 Apr 2015 5:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.6	117.8
141	43.7	31.2	46.8

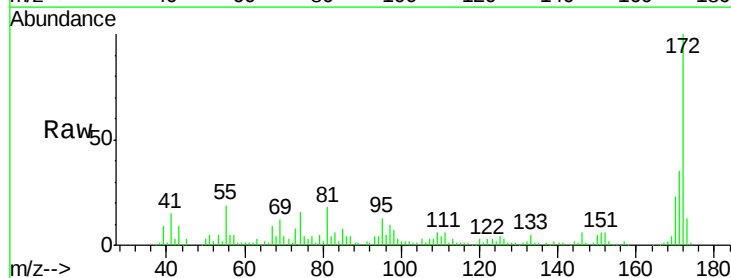


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

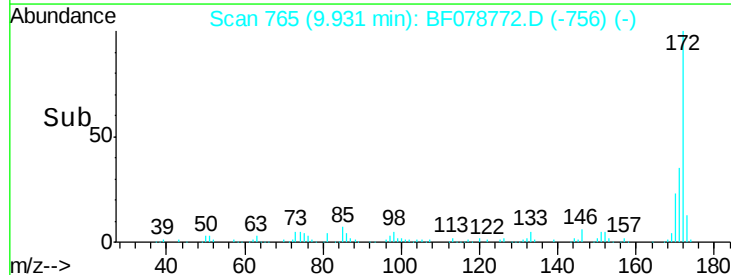
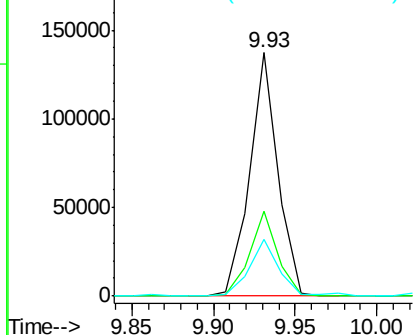


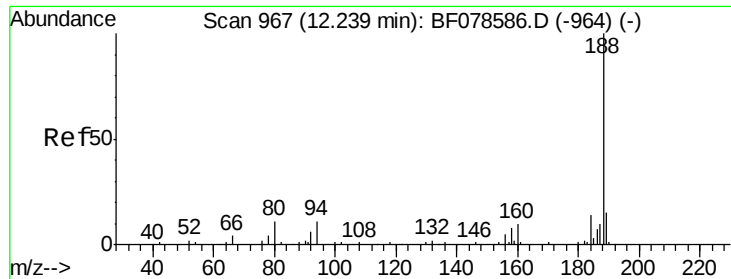
#44
 2-Fluorobiphenyl
 Concen: 42.33 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF078772.D
 Acq: 24 Apr 2015 5:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.5	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

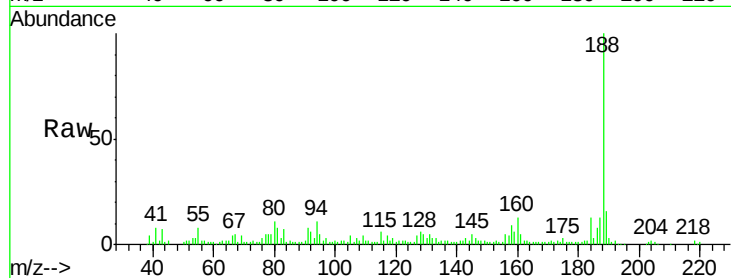




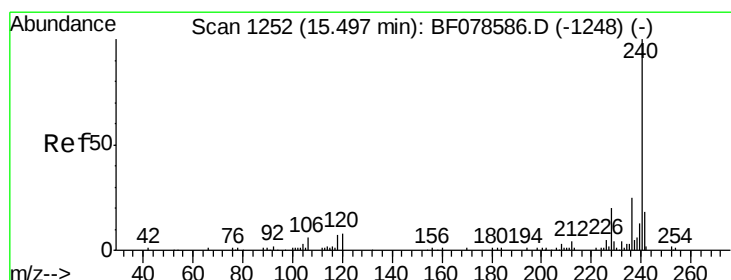
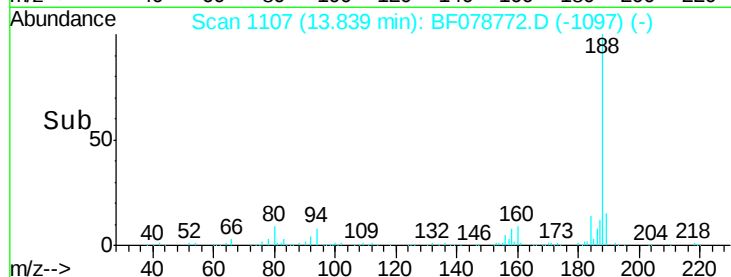
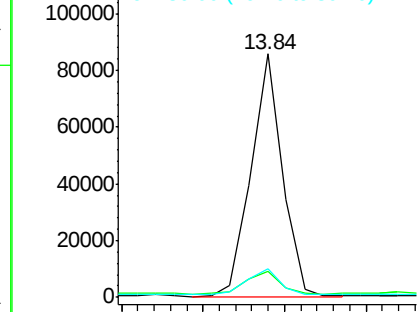
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.84 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF078772.D
Acq: 24 Apr 2015 5:51

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.4
80	11.5	9.5	14.3

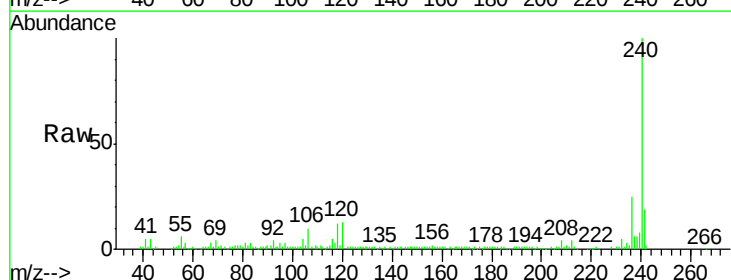


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

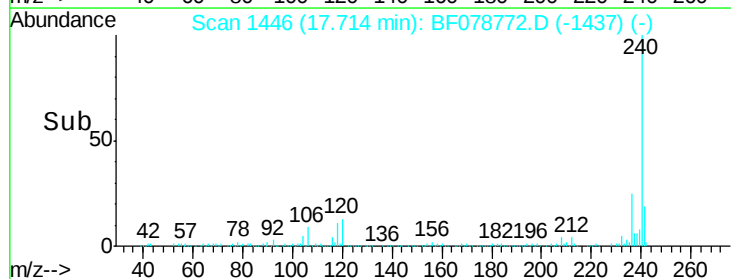
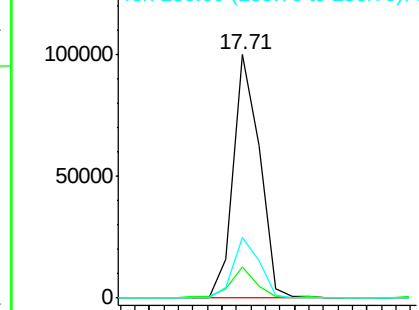


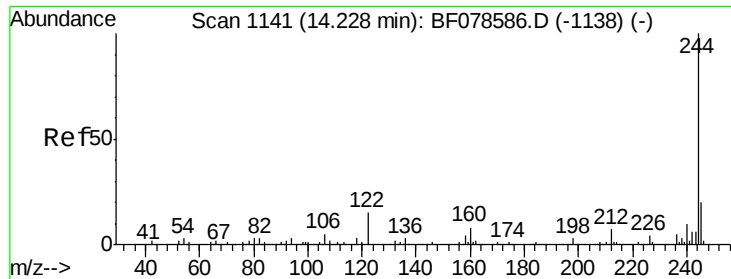
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF078772.D
Acq: 24 Apr 2015 5:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	7.1	10.7#
236	24.9	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

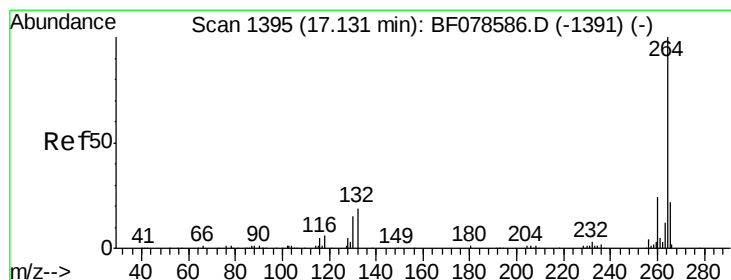
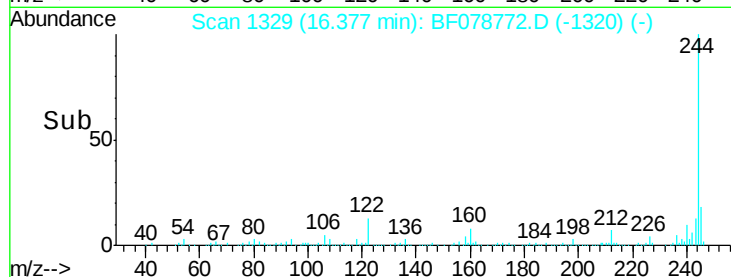
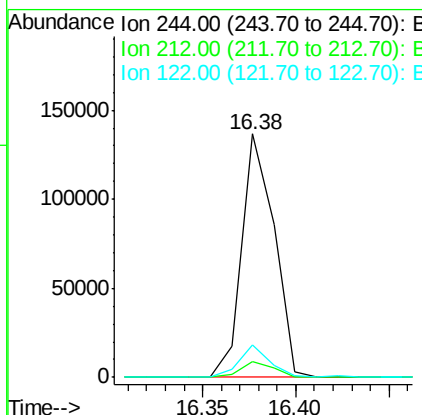
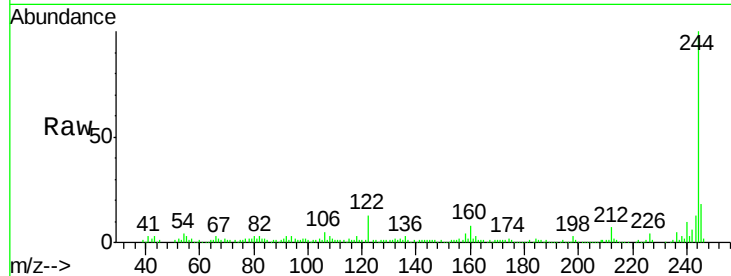




#78
 Terphenyl-d14
 Concen: 29.94 ng
 RT: 16.38 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF078772.D
 Acq: 24 Apr 2015 5:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion:244 Resp: 166911
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 13.5 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.44 min Scan# 1597
 Delta R.T. 0.02 min
 Lab File: BF078772.D
 Acq: 24 Apr 2015 5:51

Tgt Ion:264 Resp: 133080
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 20.3 17.0 25.6

