

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022715\
 Data File : BF077510.D
 Acq On : 27 Feb 2015 17:37
 Operator : TP/IZ
 Sample : G1382-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW3-022515

Quant Time: Feb 27 22:40:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 22:28:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	69989	20.00	ng	0.00
21) Naphthalene-d8	8.83	136	283368	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	145645	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	295535	20.00	ng	0.00
75) Chrysene-d12	16.15	240	330671	20.00	ng	0.00
86) Perylene-d12	17.96	264	353462	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	233369	55.67	ng	0.00
7) Phenol-d6	6.81	99	152419	28.28	ng	0.00
23) Nitrobenzene-d5	7.95	82	339550	74.51	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	158279	112.86	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	725129	77.63	ng	0.00
78) Terphenyl-d14	14.85	244	838629	59.29	ng	0.00

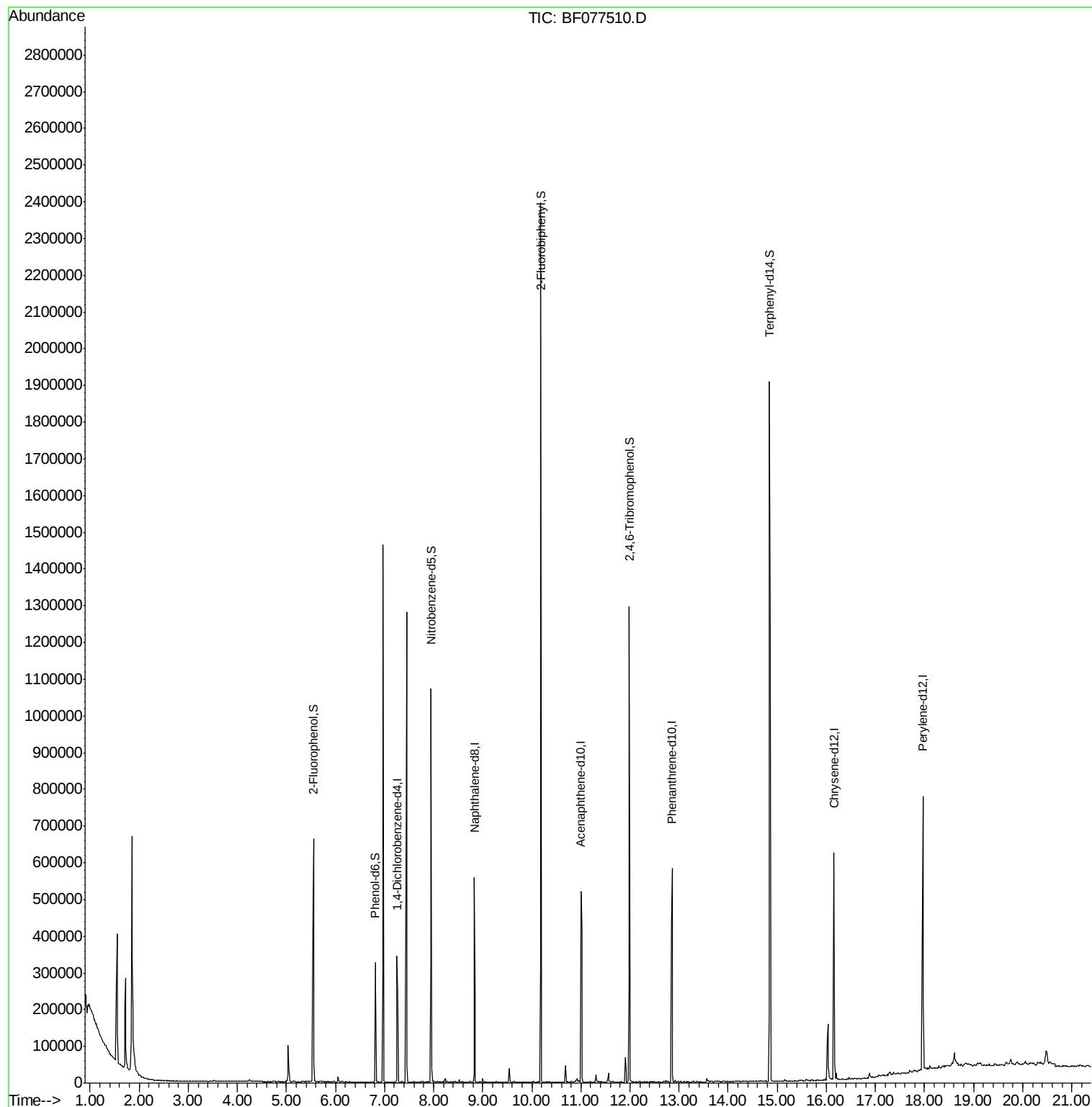
Target Compounds Qvalue

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

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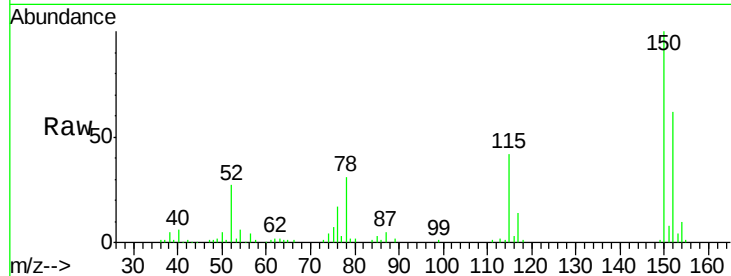


#1

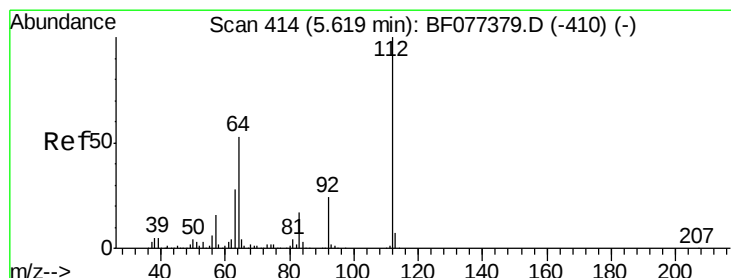
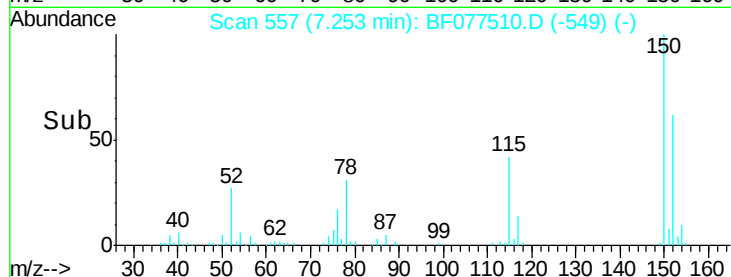
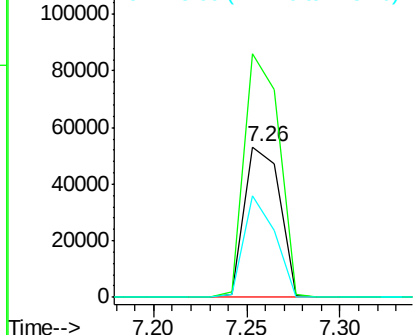
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF077510.D
Acq: 27 Feb 2015 17:37

Instrument :
BNA_F
ClientSampleId :
MW3-022515

Tot Ion:152 Resp: 69989
Ion Ratio Lower Upper
152 100
150 161.5 124.0 186.0
115 67.8 49.4 74.2



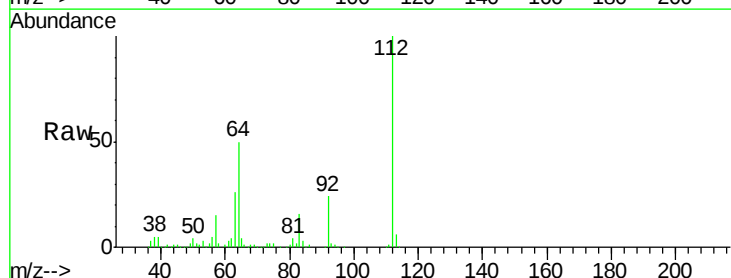
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



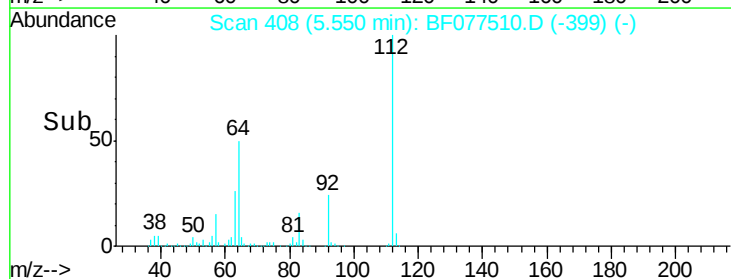
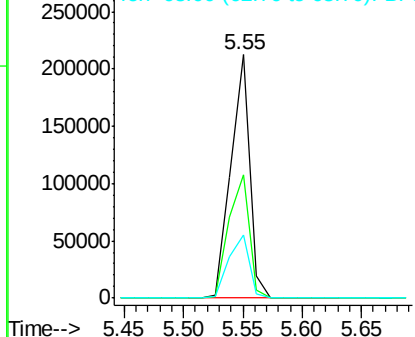
#5

2-Fluorophenol
Concen: 55.67 ng
RT: 5.55 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF077510.D
Acq: 27 Feb 2015 17:37

Tgt Ion:112 Resp: 233369
Ion Ratio Lower Upper
112 100
64 50.5 48.5 72.7
63 25.7 25.0 37.4



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: 28.28 ng

RT: 6.81 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF077510.D

Acq: 27 Feb 2015 17:37

Instrument :

BNA_F

ClientSampleId :

MW3-022515

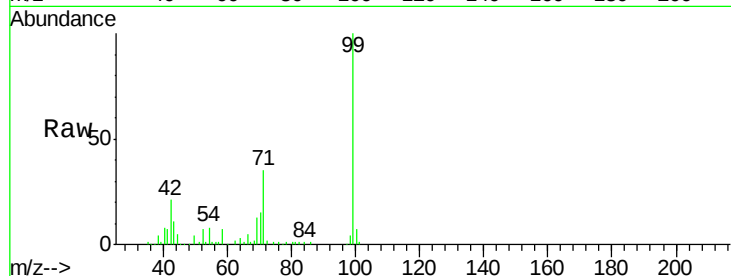
Tot Ion: 99 Resp: 152419

Ion Ratio Lower Upper

99 100

42 21.0 16.2 24.4

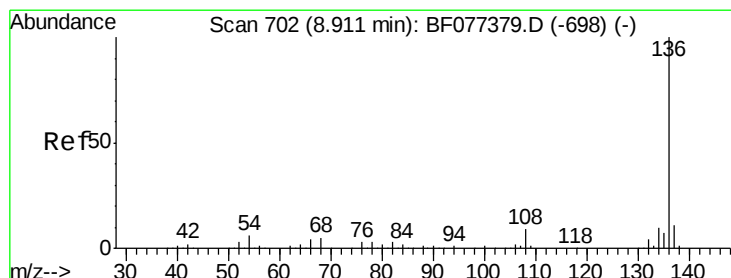
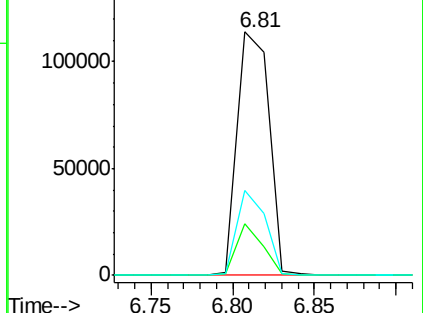
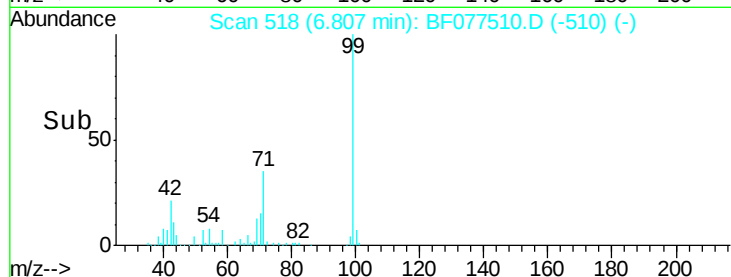
71 35.0 26.7 40.1



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: 8.83 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF077510.D

Acq: 27 Feb 2015 17:37

Tgt Ion:136 Resp: 283368

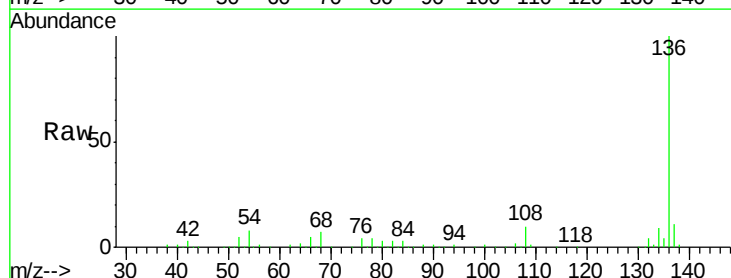
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 8.1 6.2 9.4

68 6.7 5.0 7.6

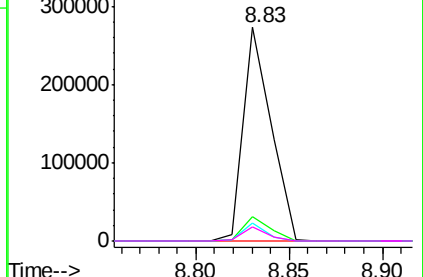
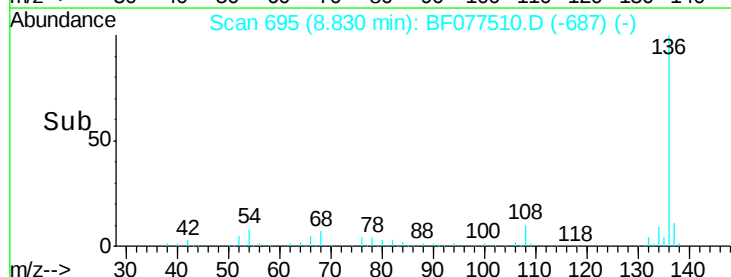


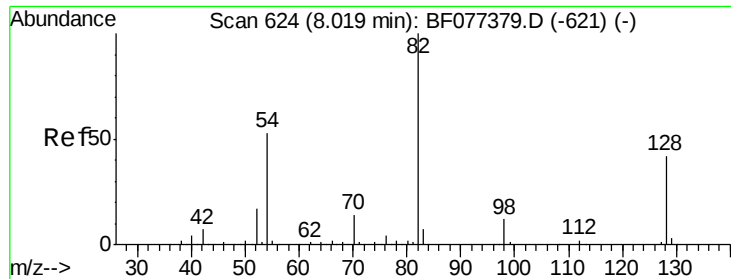
Abundance Ion 136.00 (135.70 to 136.70): E

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

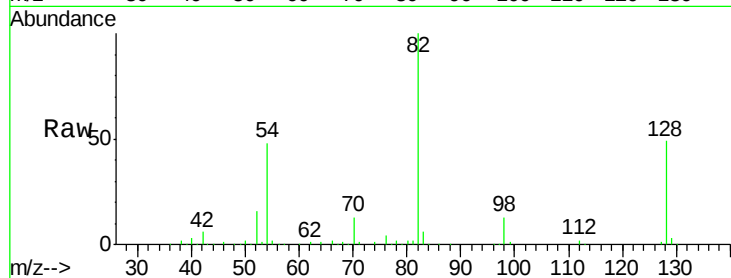




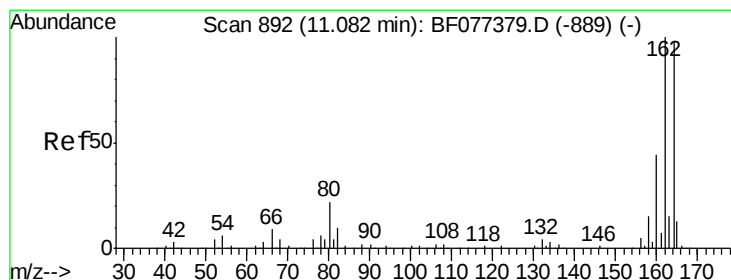
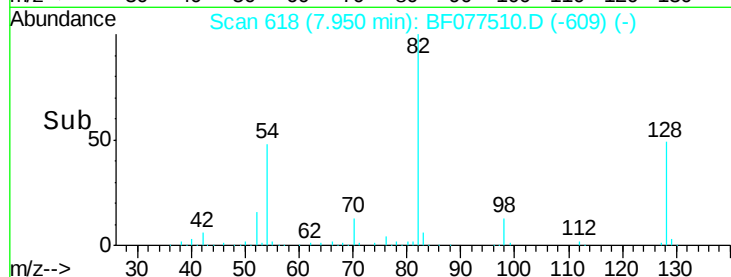
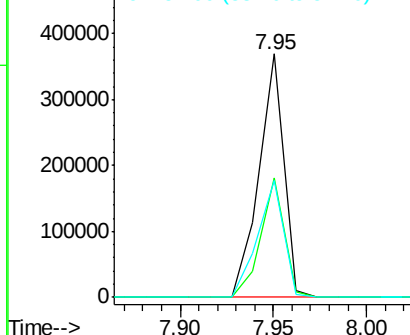
#23
Nitrobenzene-d5
Concen: 74.51 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF077510.D
Acq: 27 Feb 2015 17:37

Instrument :
BNA_F
ClientSampleId :
MW3-022515

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.1	43.8	65.8
54	48.3	36.7	55.1

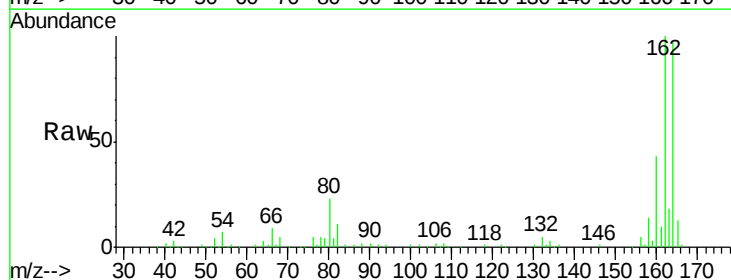


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

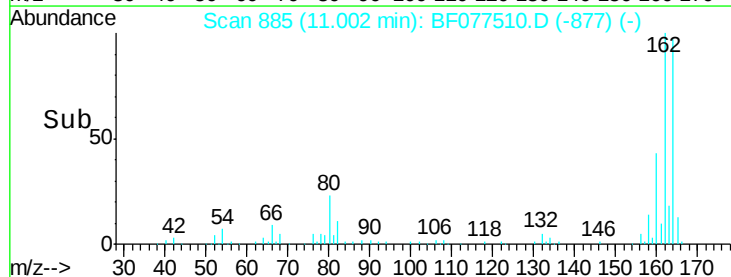
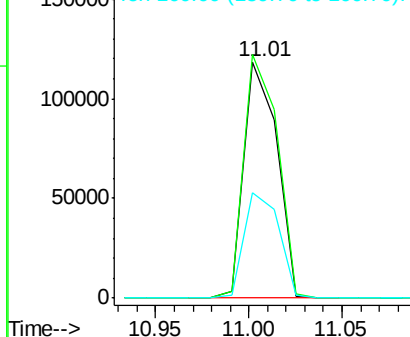


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077510.D
Acq: 27 Feb 2015 17:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.2	124.8
160	44.6	34.6	52.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

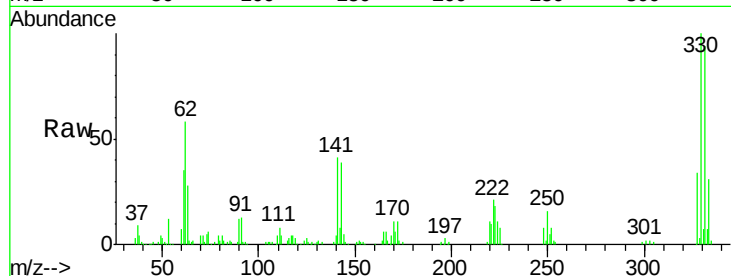




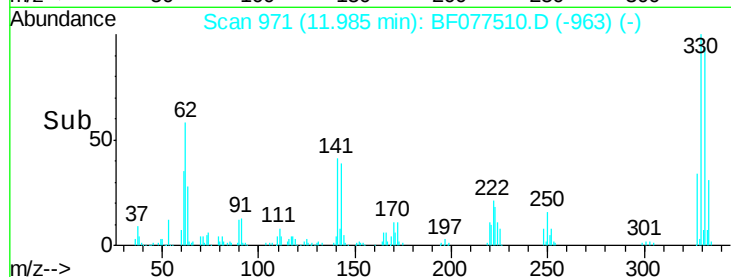
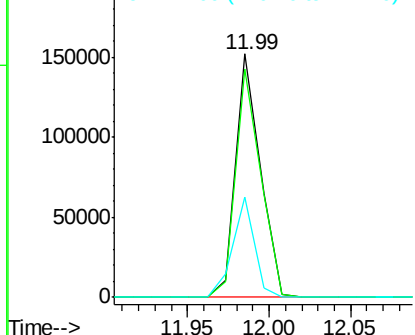
#41
 2,4,6-Tribromophenol
 Concen: 112.86 ng
 RT: 11.99 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF077510.D
 Acq: 27 Feb 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 MW3-022515

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	36.1	28.8	43.2

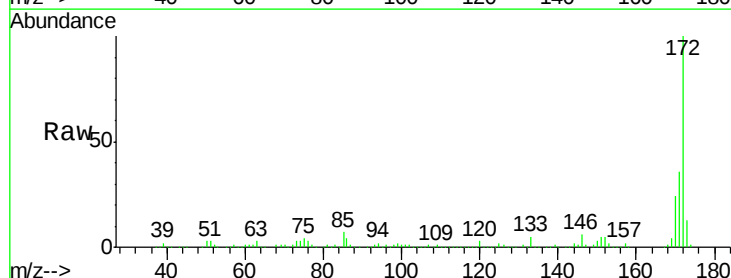


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

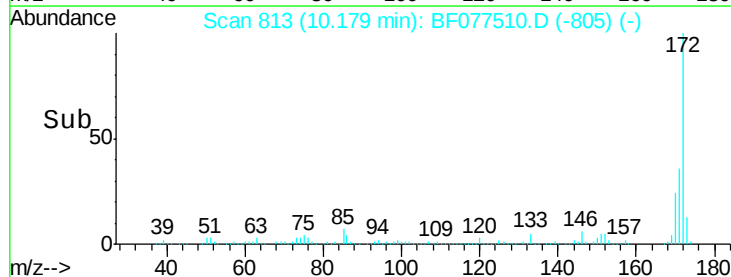
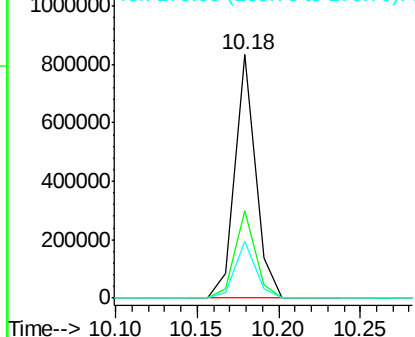


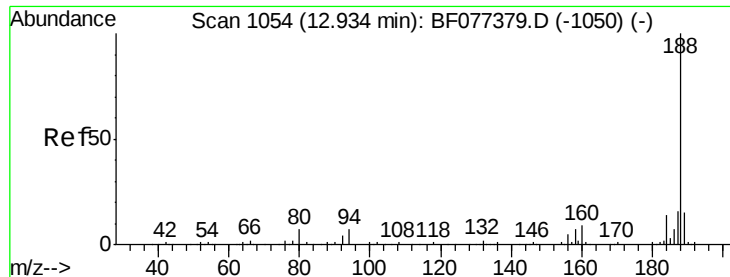
#44
 2-Fluorobiphenyl
 Concen: 77.63 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077510.D
 Acq: 27 Feb 2015 17:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.5	19.4	29.2



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: 12.85 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF077510.D

Acq: 27 Feb 2015 17:37

Instrument :

BNA_F

ClientSampleId :

MW3-022515

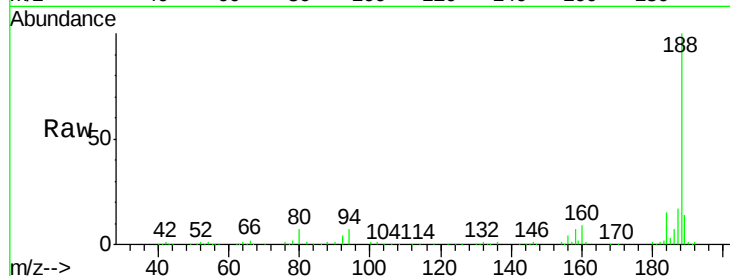
Tot Ion:188 Resp: 295535

Ion Ratio Lower Upper

188 100

94 7.1 7.4 11.2#

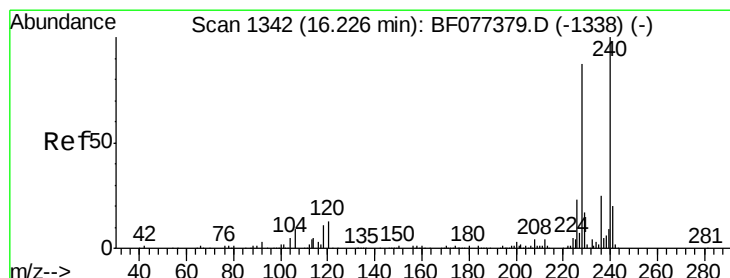
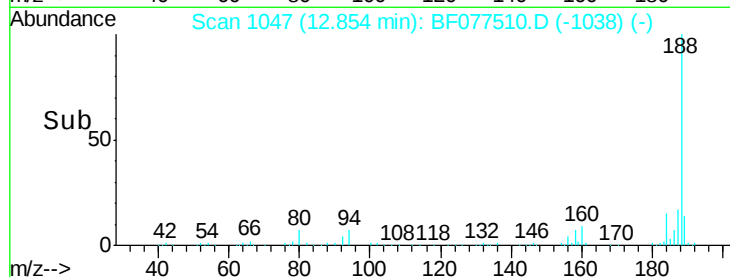
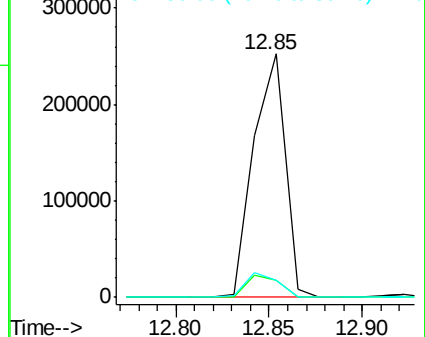
80 6.8 8.0 12.0#



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: 16.15 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF077510.D

Acq: 27 Feb 2015 17:37

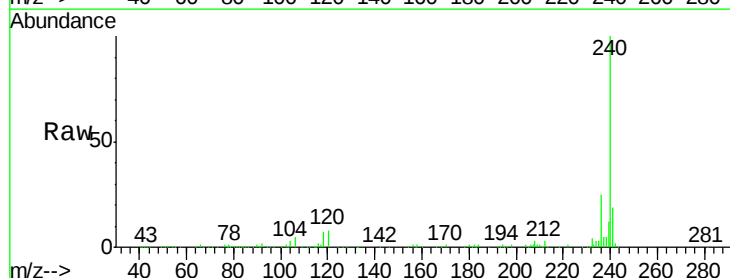
Tgt Ion:240 Resp: 330671

Ion Ratio Lower Upper

240 100

120 8.2 8.8 13.2#

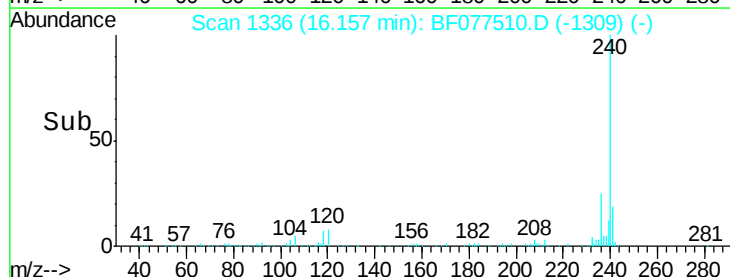
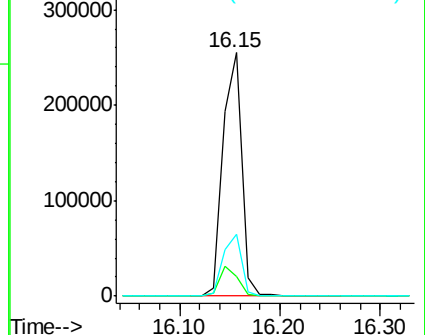
236 25.5 20.7 31.1

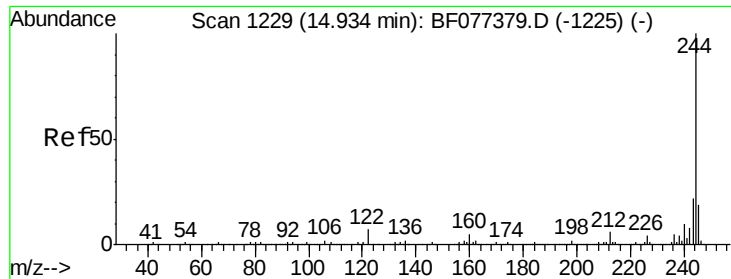


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

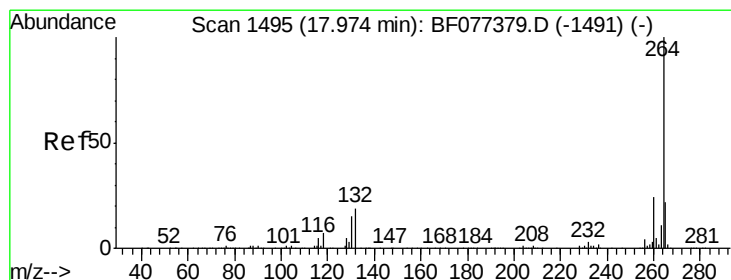
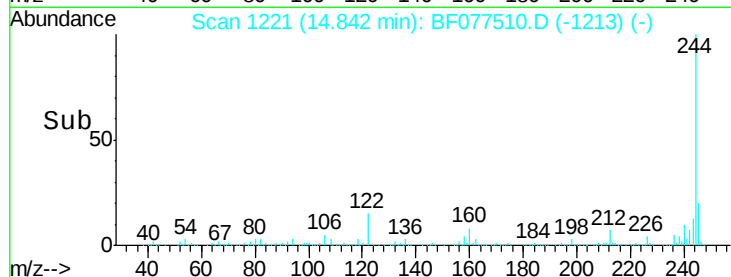
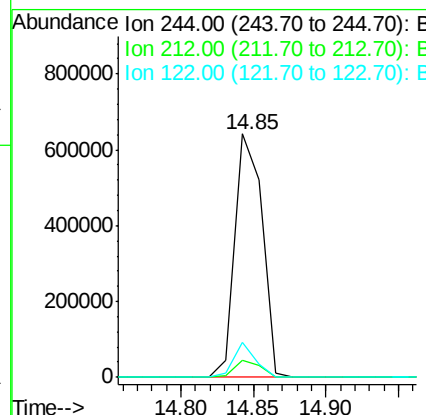
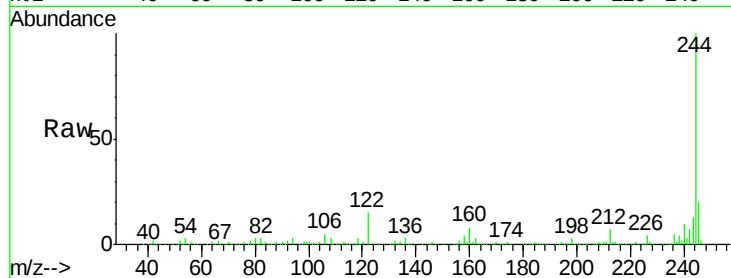




#78
 Terphenyl-d14
 Concen: 59.29 ng
 RT: 14.85 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF077510.D
 Acq: 27 Feb 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 MW3-022515

Tot Ion:244 Resp: 838629
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.2 7.8
 122 14.6 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.96 min Scan# 1494
 Delta R.T. 0.05 min
 Lab File: BF077510.D
 Acq: 27 Feb 2015 17:37

Tgt Ion:264 Resp: 353462
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.9 16.8 25.2

