

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077978.D
 Acq On : 26 Mar 2015 5:29
 Operator : TP/IZ
 Sample : G1643-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15

Quant Time: Mar 26 06:38:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

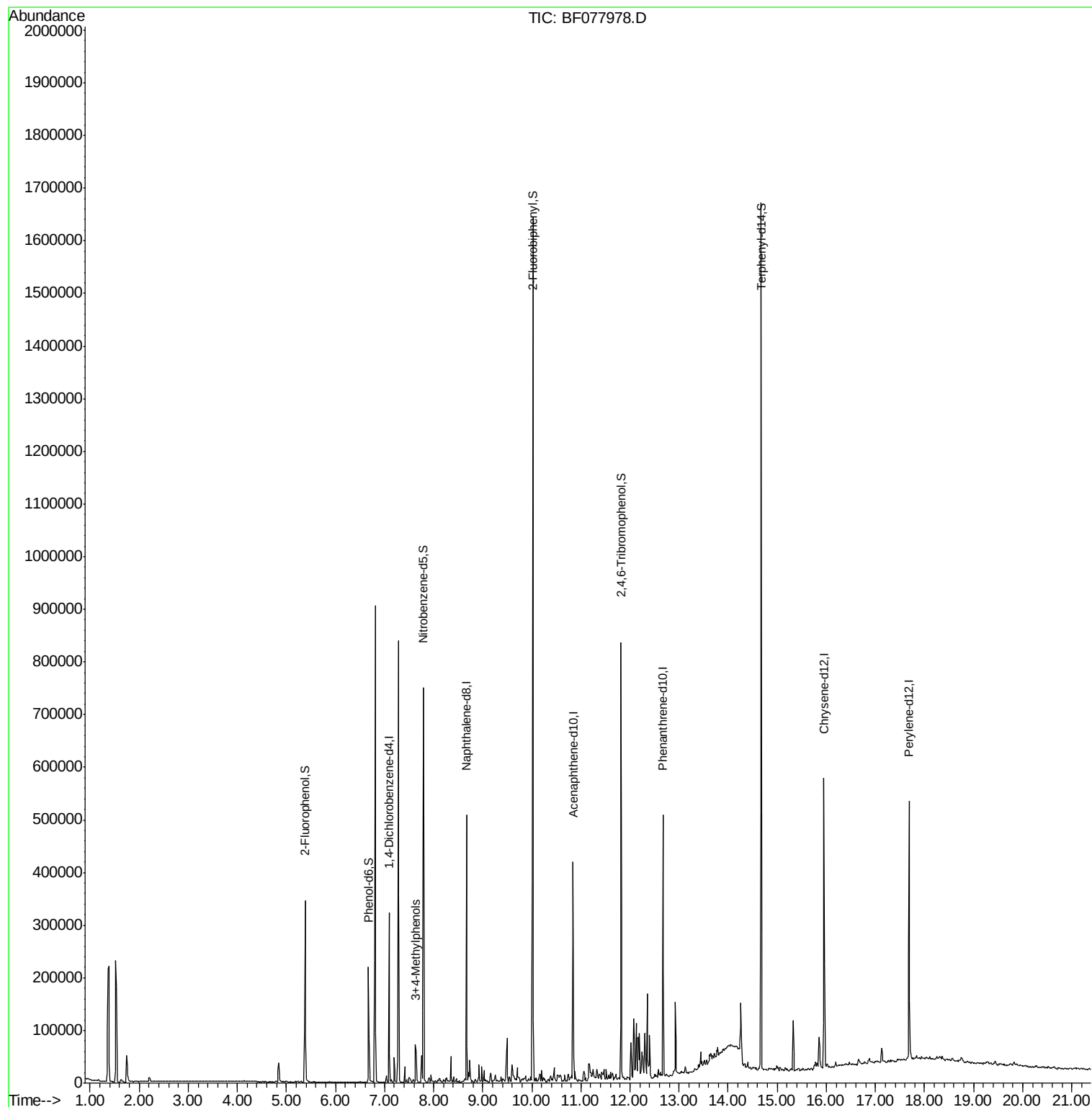
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	51054	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	209481	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	104005	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	208614	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	218126	20.00	ng	-0.02
86) Perylene-d12	17.69	264	206859	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	118604	40.55	ng	0.00
7) Phenol-d6	6.67	99	88392	24.46	ng	0.00
23) Nitrobenzene-d5	7.79	82	233096	72.94	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	100982	101.48	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	520941	73.61	ng	0.00
78) Terphenyl-d14	14.67	244	574562	64.34	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.63	107	19436	5.23	ng	Qvalue 84

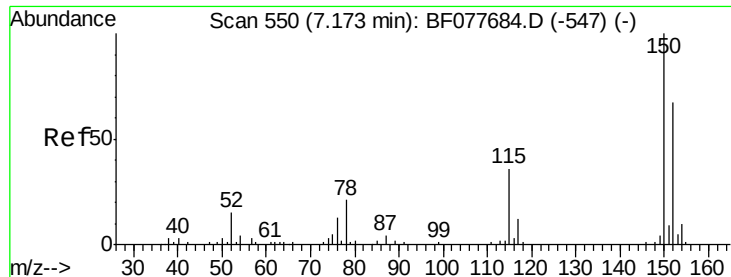
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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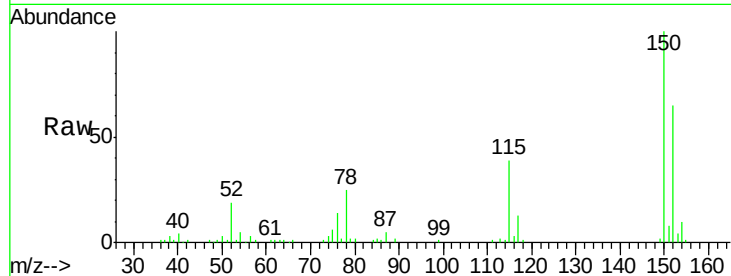


#1

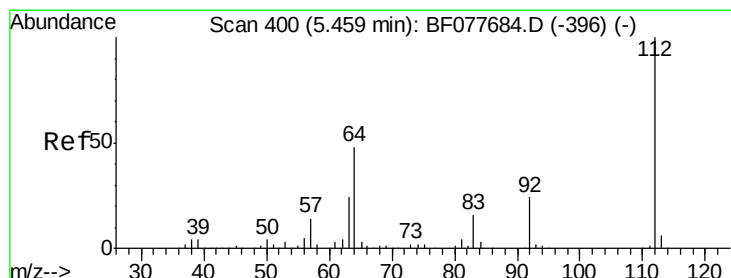
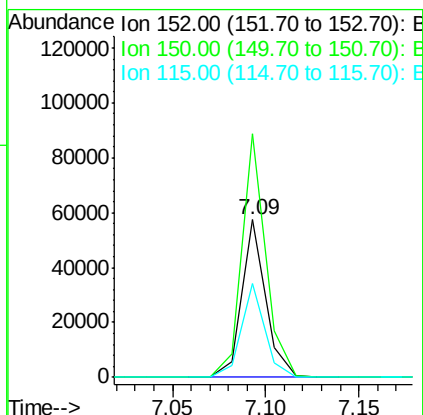
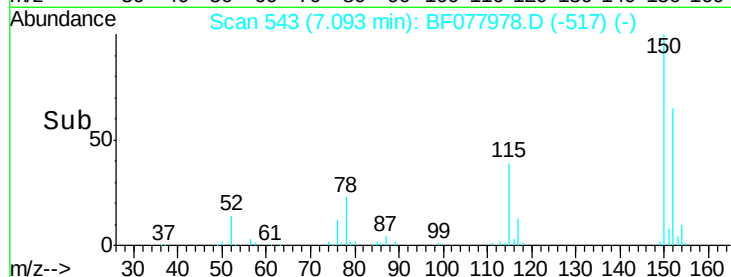
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF077978.D
 Acq: 26 Mar 2015 5:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.5	179.3
115	59.7	43.0	64.4



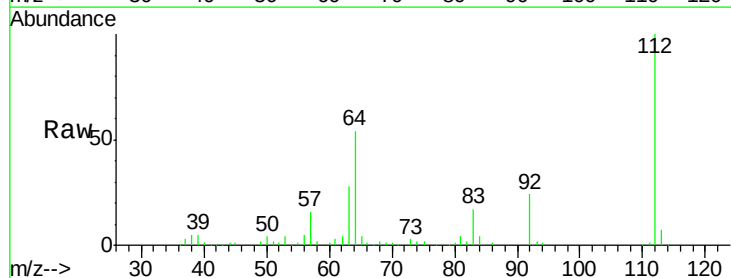
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



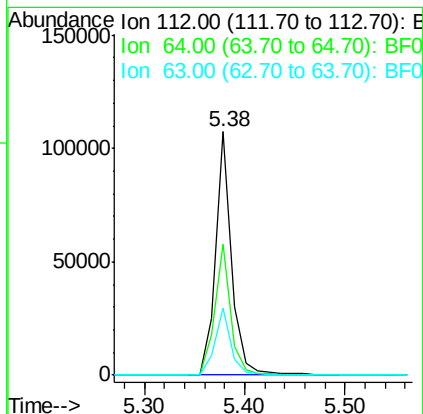
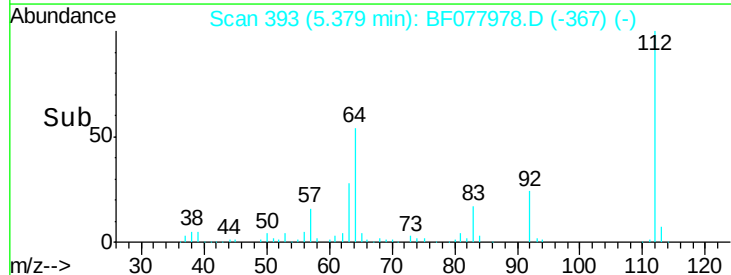
#5

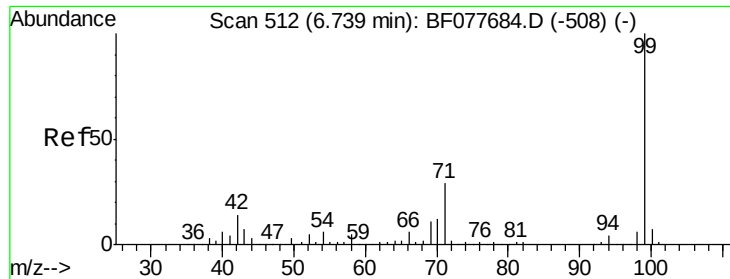
2-Fluorophenol
 Concen: 40.55 ng
 RT: 5.38 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BF077978.D
 Acq: 26 Mar 2015 5:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	38.6	57.8
63	27.7	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: 24.46 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15

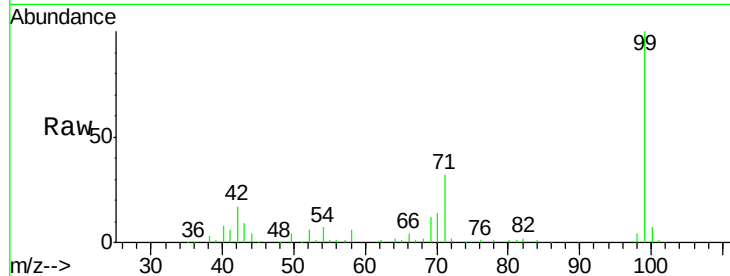
Tot Ion: 99 Resp: 88392

Ion Ratio Lower Upper

99 100

42 17.3 11.0 16.4#

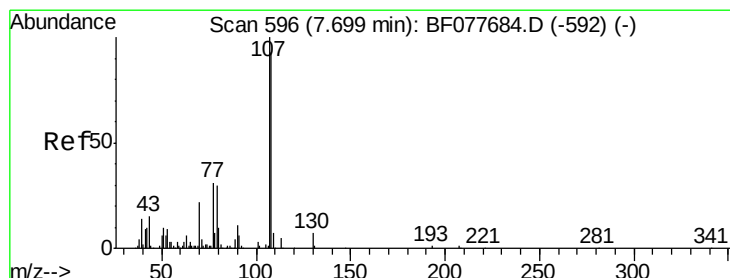
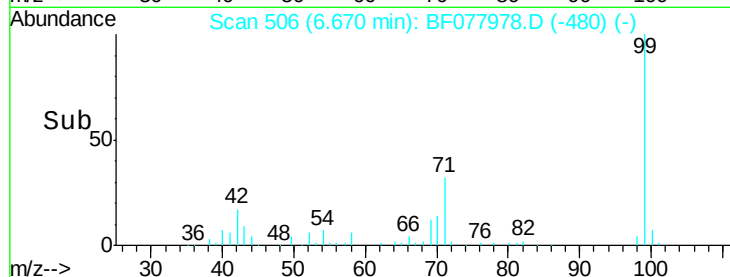
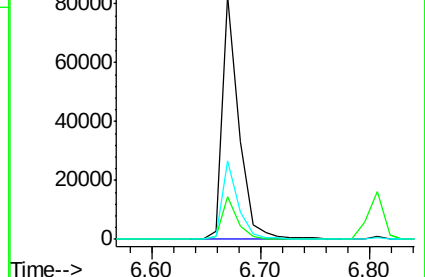
71 32.1 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077978.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BF077978.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BF077978.D (-480) (-)



#20

3+4-Methylphenols

Concen: 5.23 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

Tgt Ion:107 Resp: 19436

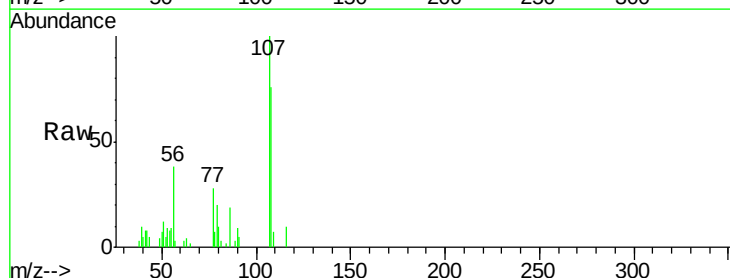
Ion Ratio Lower Upper

107 100

108 75.6 73.2 113.2

77 28.0 10.7 50.7

79 19.9 9.6 49.6

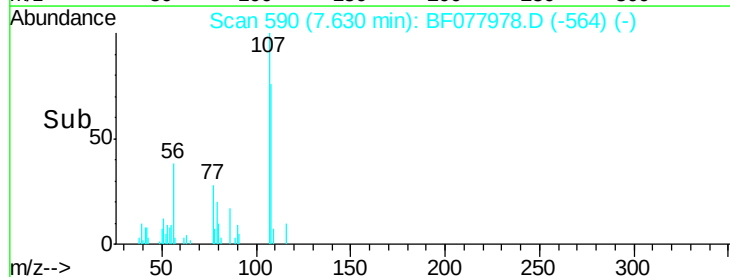
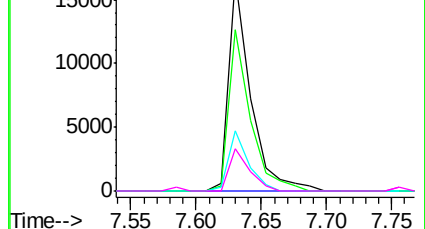


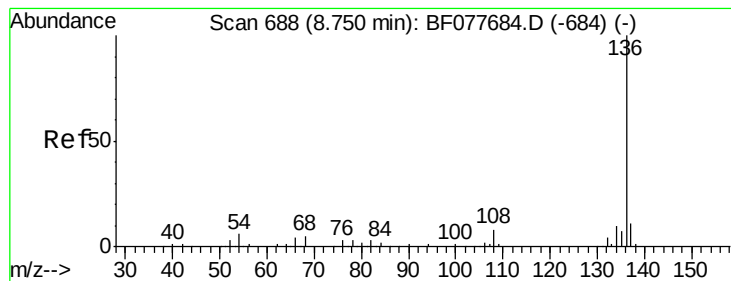
Abundance Ion 107.00 (106.70 to 107.70): BF077978.D (-564) (-)

Ion 108.00 (107.70 to 108.70): BF077978.D (-564) (-)

Ion 77.00 (76.70 to 77.70): BF077978.D (-564) (-)

Ion 79.00 (78.70 to 79.70): BF077978.D (-564) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15

Tot Ion:136 Resp: 209481

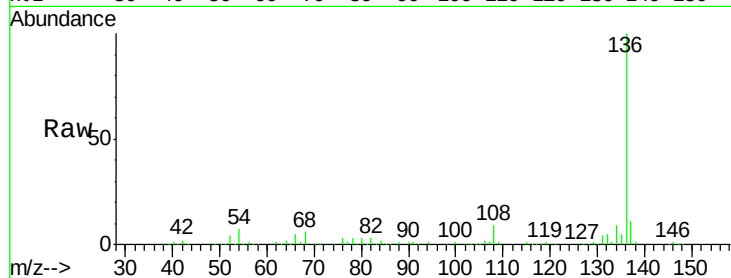
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.0 4.6 6.8#

68 5.9 3.7 5.5#

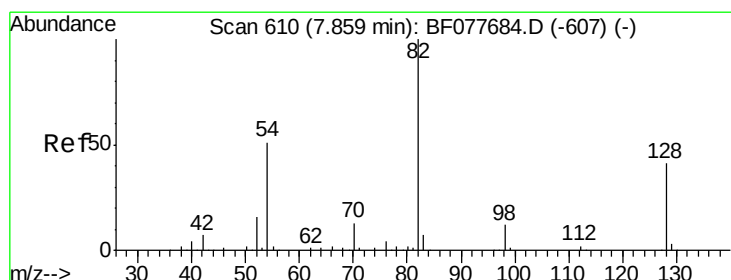
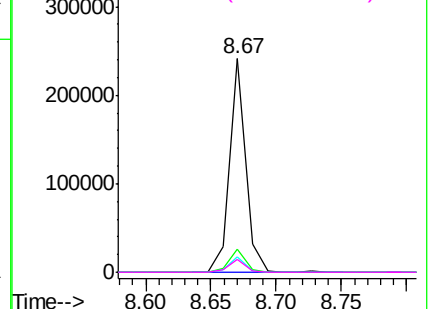
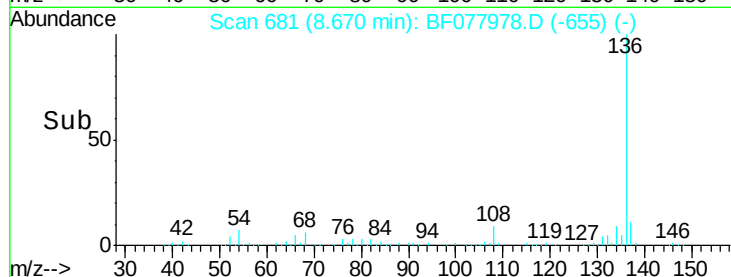


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.94 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

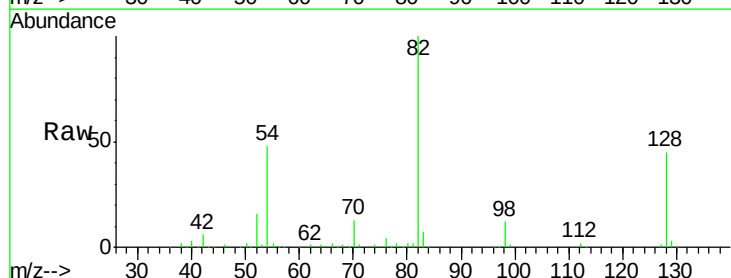
Tgt Ion: 82 Resp: 233096

Ion Ratio Lower Upper

82 100

128 45.5 32.8 49.2

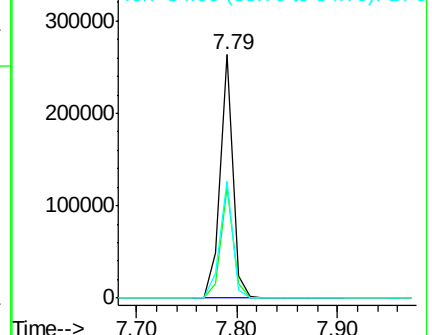
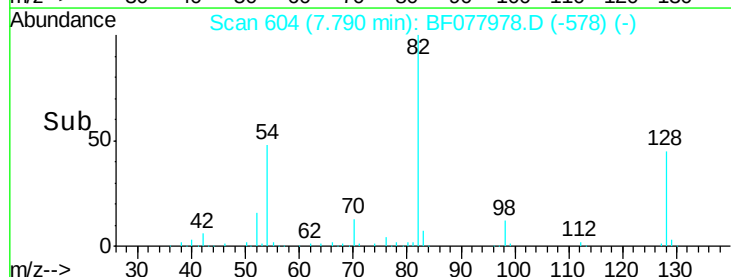
54 48.2 40.6 60.8

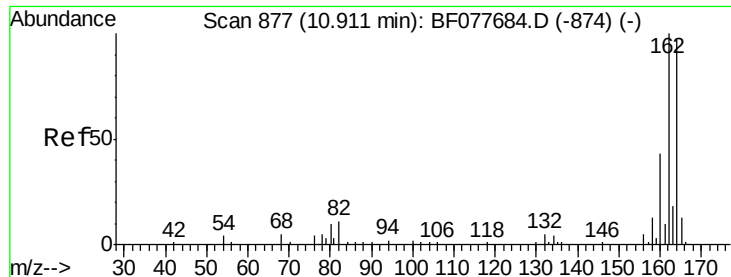


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

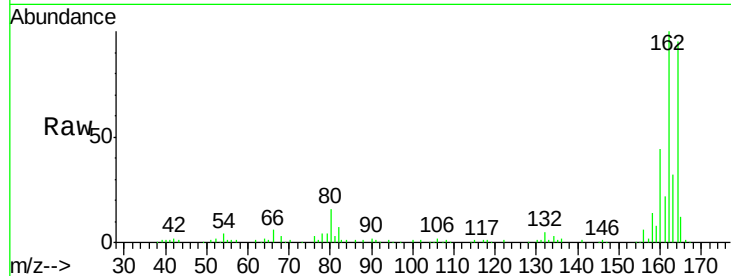




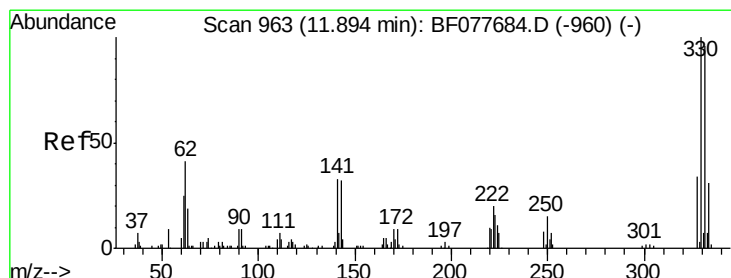
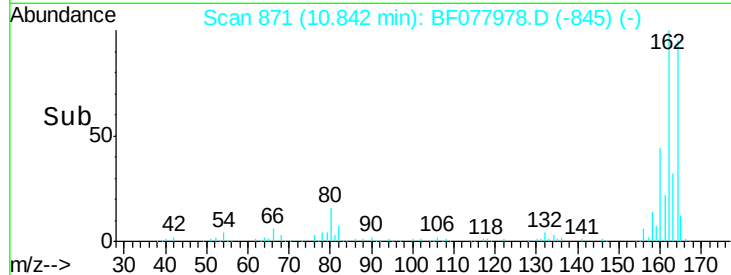
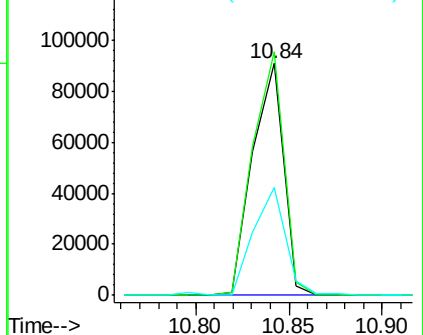
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF077978.D
Acq: 26 Mar 2015 5:29

Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15

Tot Ion:164 Resp: 104005
Ion Ratio Lower Upper
164 100
162 105.0 82.4 123.6
160 46.4 35.8 53.6

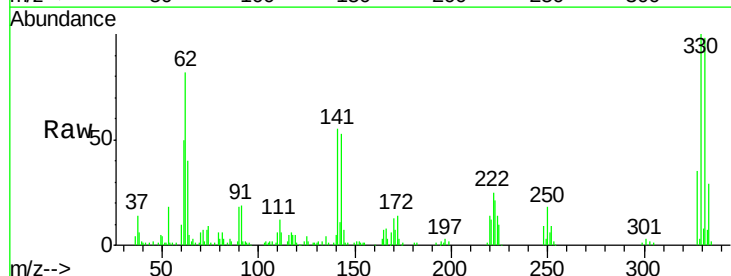


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

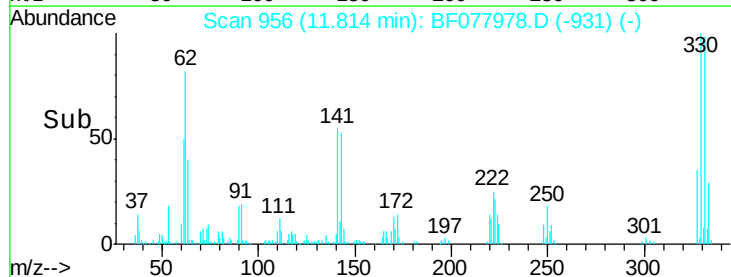
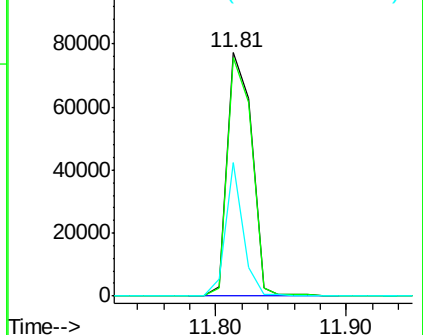


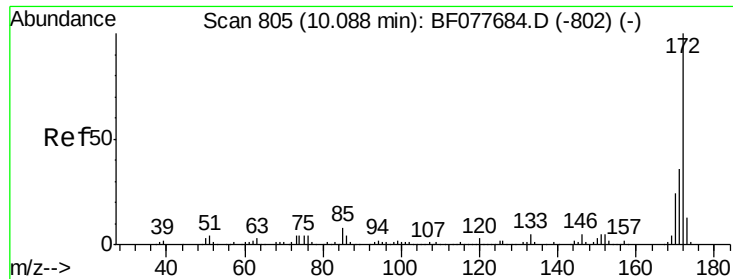
#41
2,4,6-Tribromophenol
Concen: 101.48 ng
RT: 11.81 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF077978.D
Acq: 26 Mar 2015 5:29

Tgt Ion:330 Resp: 100982
Ion Ratio Lower Upper
330 100
332 97.7 0.0 0.0#
141 39.7 0.0 0.0#



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

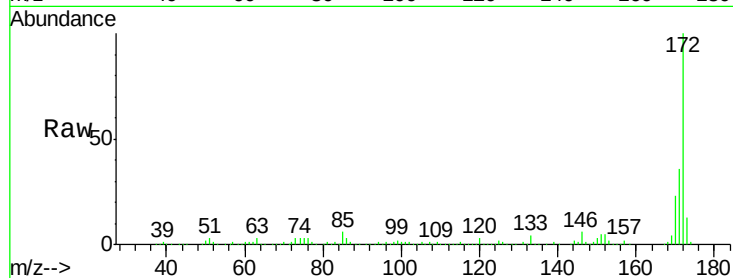




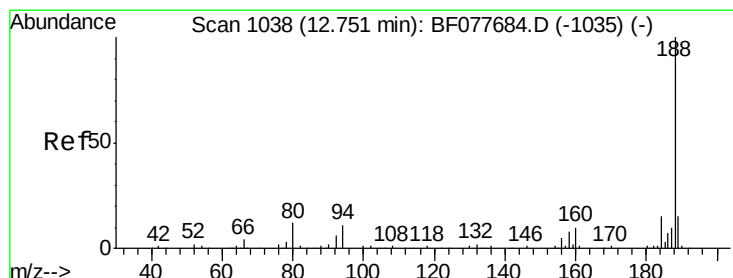
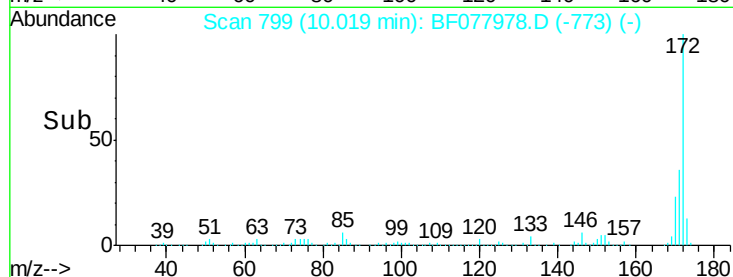
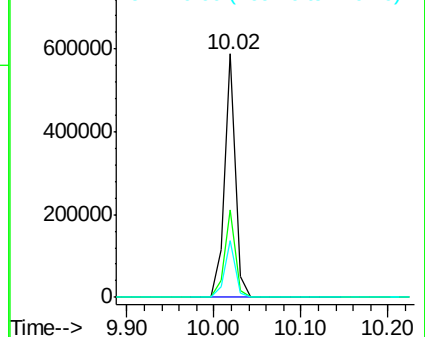
#44
2-Fluorobiphenyl
Concen: 73.61 ng
RT: 10.02 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF077978.D
Acq: 26 Mar 2015 5:29

Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15

Tot Ion:172 Resp: 520941
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.5 18.8 28.2

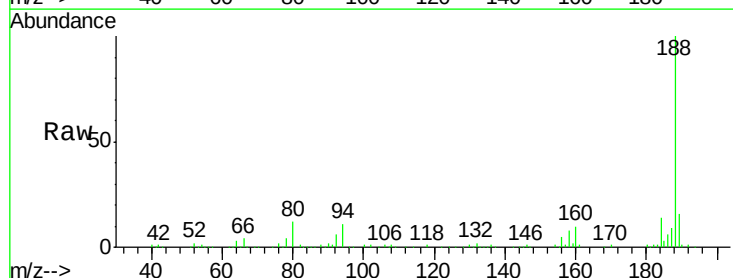


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

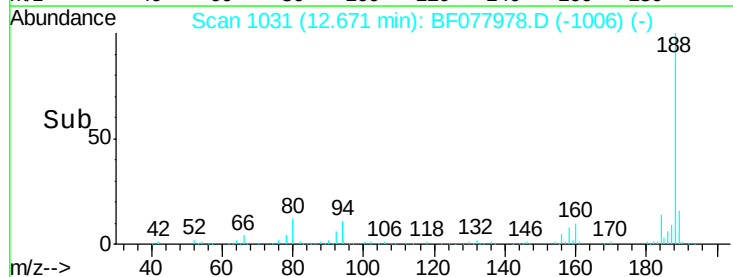
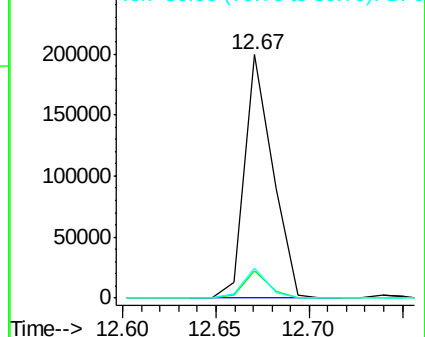


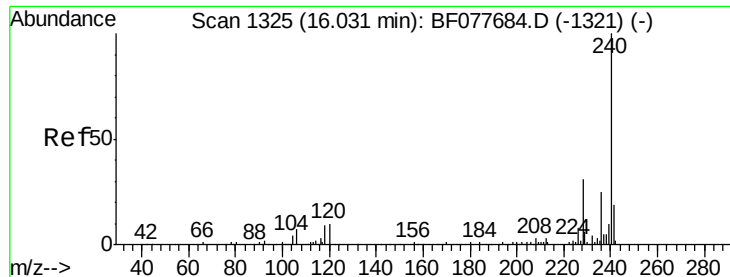
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077978.D
Acq: 26 Mar 2015 5:29

Tgt Ion:188 Resp: 208614
Ion Ratio Lower Upper
188 100
94 11.1 8.7 13.1
80 12.2 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: 15.95 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15

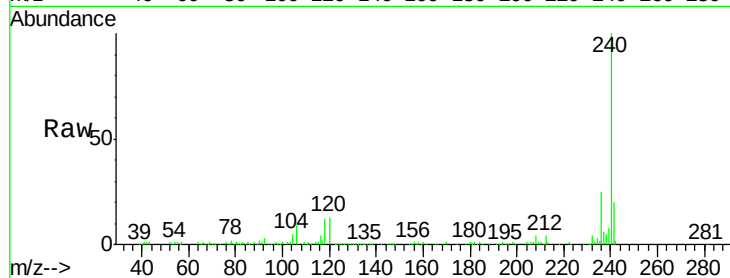
Tot Ion:240 Resp: 218126

Ion Ratio Lower Upper

240 100

120 13.2 8.2 12.2#

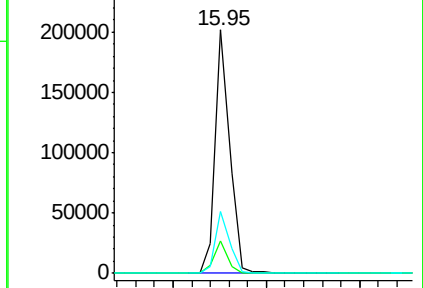
236 25.2 20.0 30.0



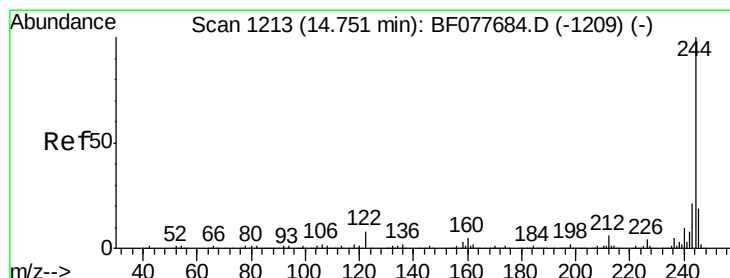
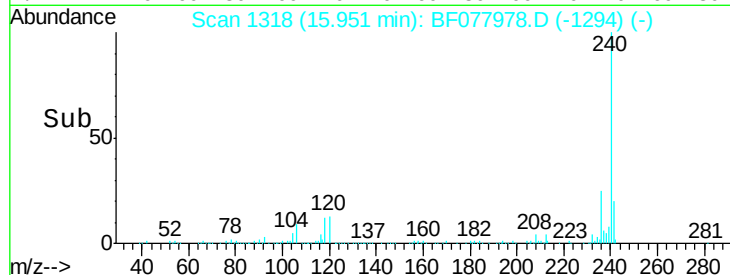
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 64.34 ng

RT: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

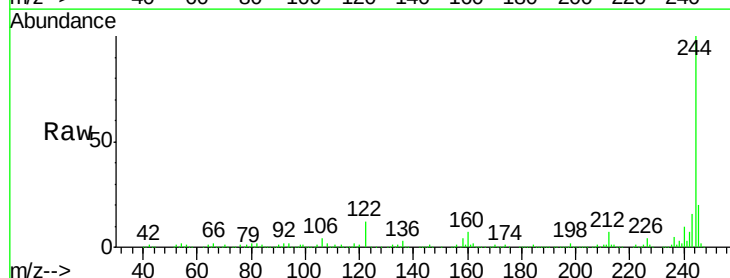
Tgt Ion:244 Resp: 574562

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

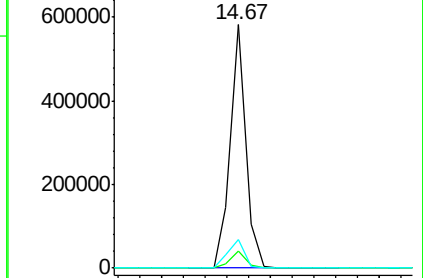
122 12.0 6.2 9.4#



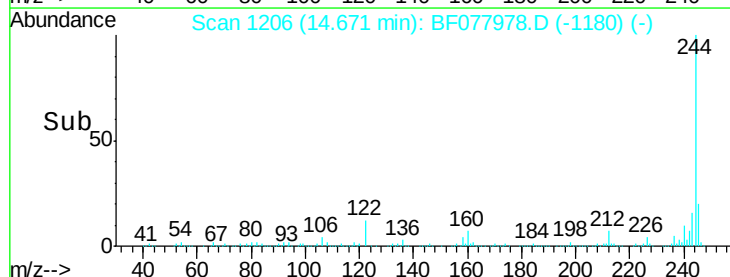
Abundance Ion 244.00 (243.70 to 244.70): E

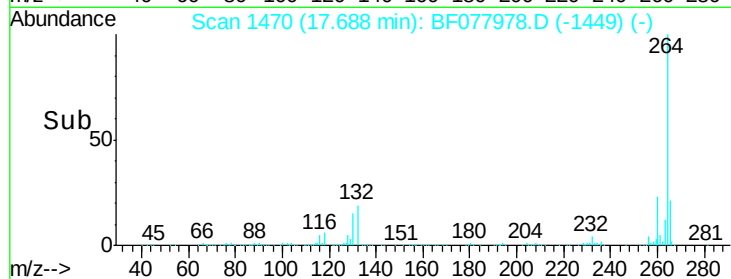
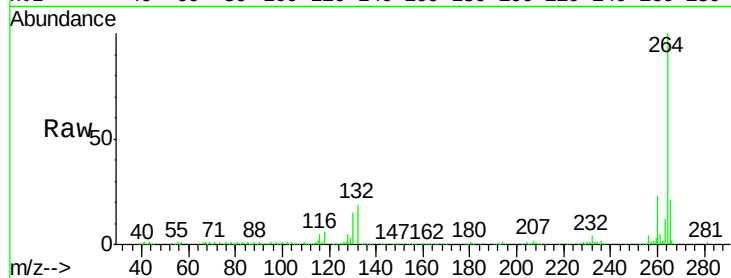
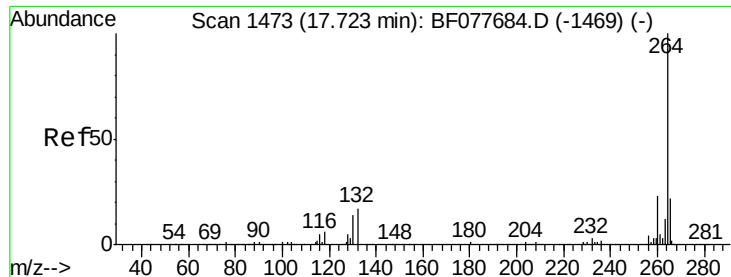
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.69 min Scan# 1470
 Delta R.T. -0.06 min
 Lab File: BF077978.D
 Acq: 26 Mar 2015 5:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15

Tot Ion:264	Resp:	206859
Ion Ratio	Lower	Upper
264	100	
260	23.4	18.6 27.8
265	21.2	17.3 25.9

