

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077710.D
 Acq On : 12 Mar 2015 3:11
 Operator : TP/IZ
 Sample : G1474-06
 Misc : W
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Mar 12 07:10:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

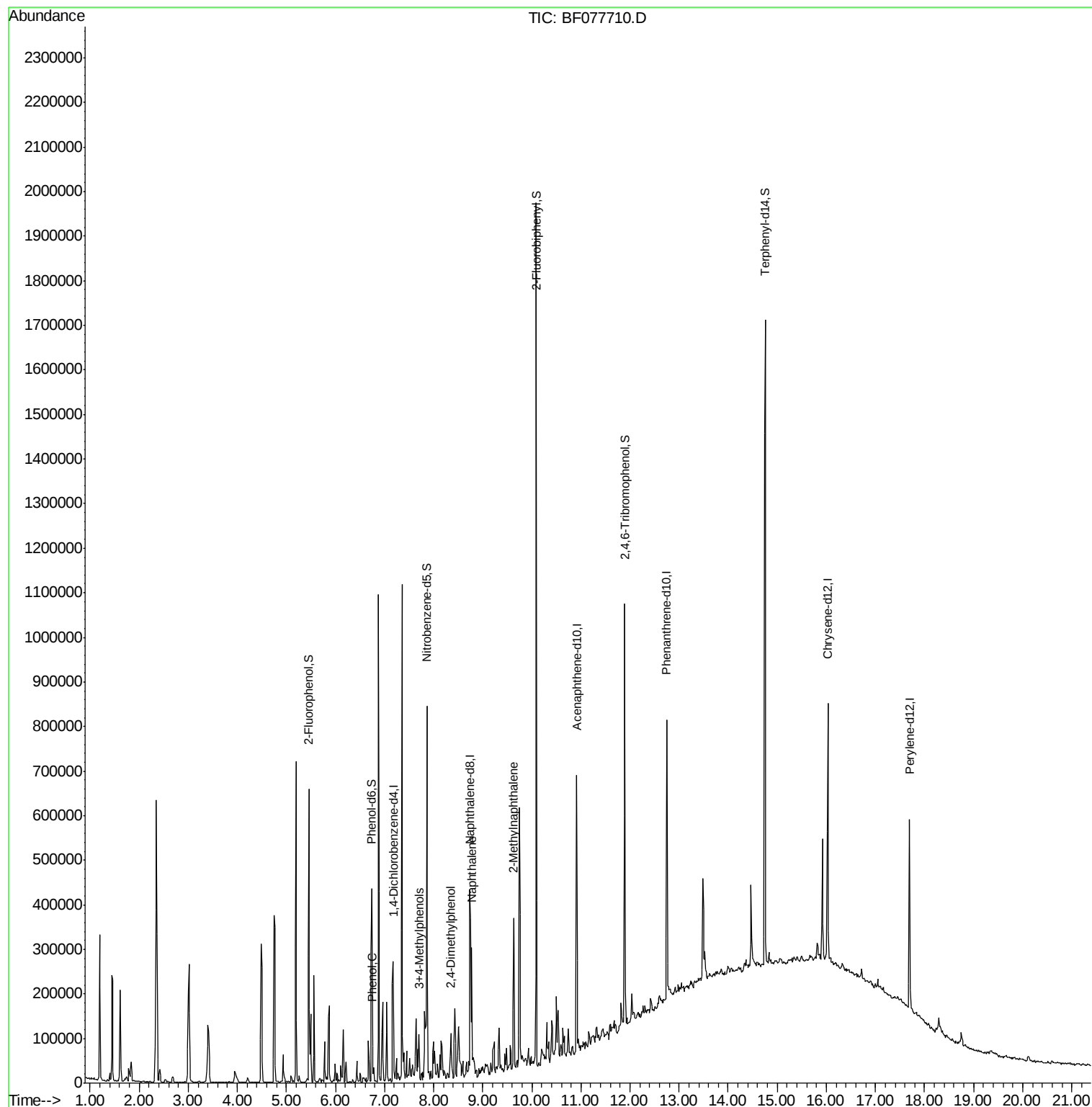
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	58116	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	241725	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	127241	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	240942	20.00	ng	0.00
75) Chrysene-d12	16.03	240	249592	20.00	ng	0.00
86) Perylene-d12	17.70	264	245250	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	179335	53.86	ng	0.00
7) Phenol-d6	6.74	99	199474	48.49	ng	0.00
23) Nitrobenzene-d5	7.86	82	264388	71.70	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	125833	103.36	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	603403	69.69	ng	0.00
78) Terphenyl-d14	14.75	244	689266	67.46	ng	0.00
Target Compounds						
10) Phenol	6.75	94	9739	2.00	ng	79
20) 3+4-Methylphenols	7.70	107	22954	5.42	ng	92
27) 2,4-Dimethylphenol	8.35	122	22319	6.30	ng	96
31) Naphthalene	8.77	128	138652	11.17	ng	99
37) 2-Methylnaphthalene	9.63	142	98435	11.80	ng	99

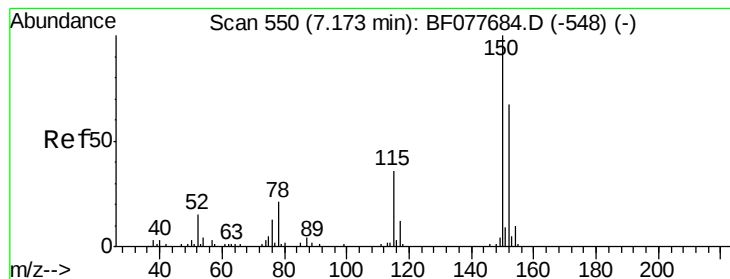
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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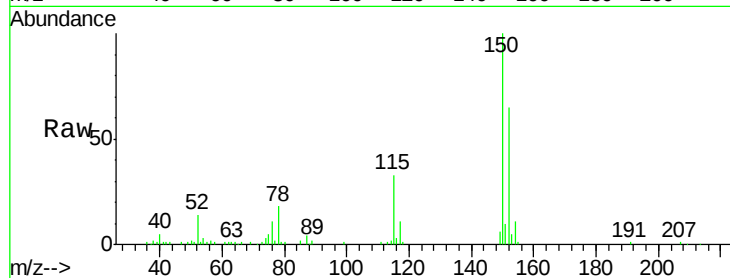




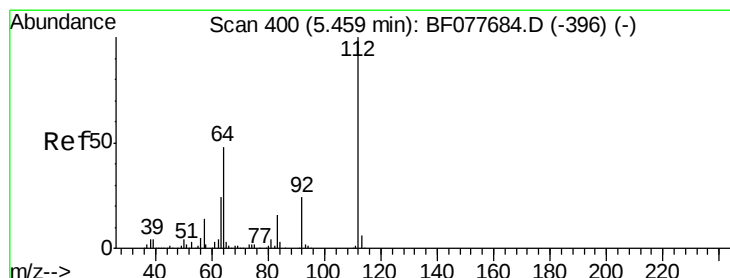
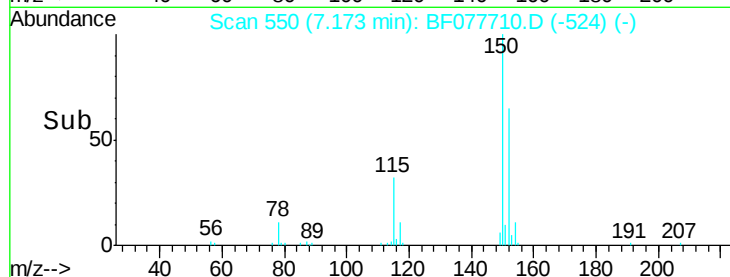
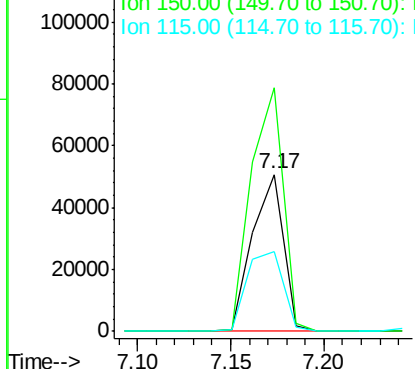
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.17 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF077710.D
 Acq: 12 Mar 2015 3:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tot Ion:152 Resp: 58116
 Ion Ratio Lower Upper
 152 100
 150 154.9 119.5 179.3
 115 50.5 43.0 64.4

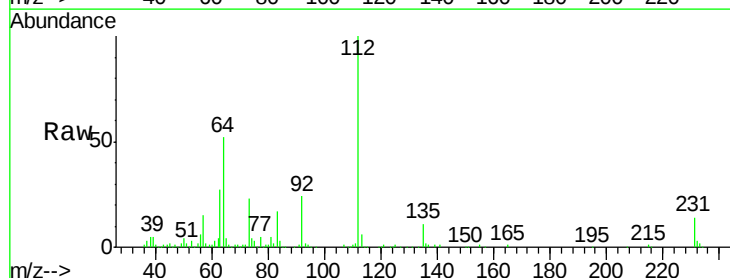


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

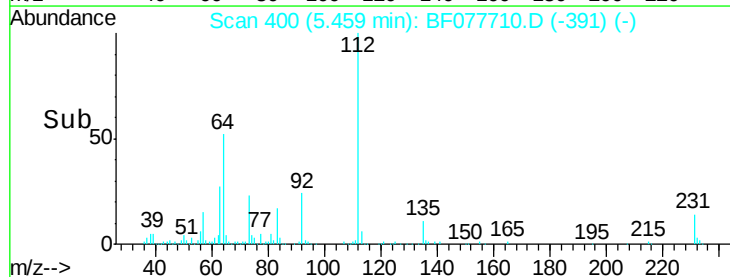
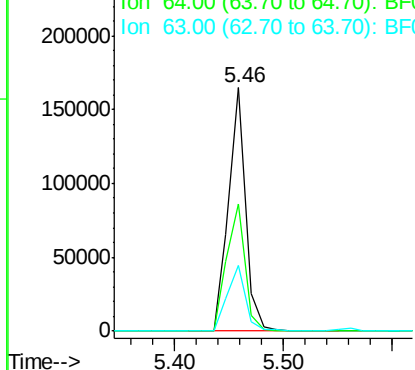


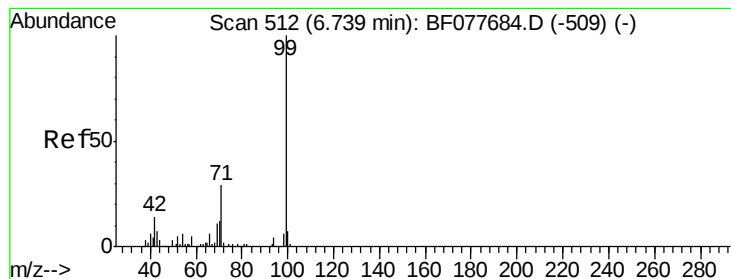
#5
 2-Fluorophenol
 Concen: 53.86 ng
 RT: 5.46 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BF077710.D
 Acq: 12 Mar 2015 3:11

Tgt Ion:112 Resp: 179335
 Ion Ratio Lower Upper
 112 100
 64 52.4 38.6 57.8
 63 26.9 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: 48.49 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Instrument :

BNA_F

ClientSampleId :

MW-9

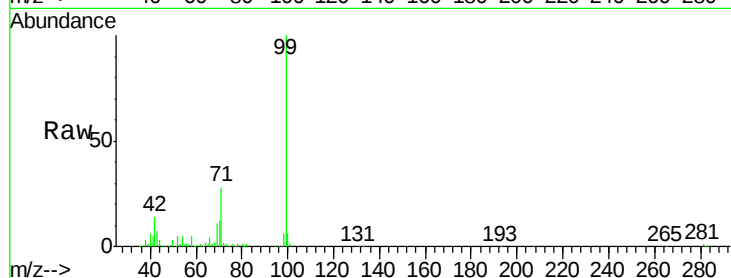
Tot Ion: 99 Resp: 199474

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.4

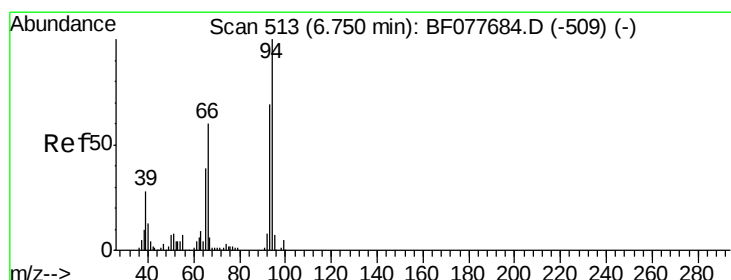
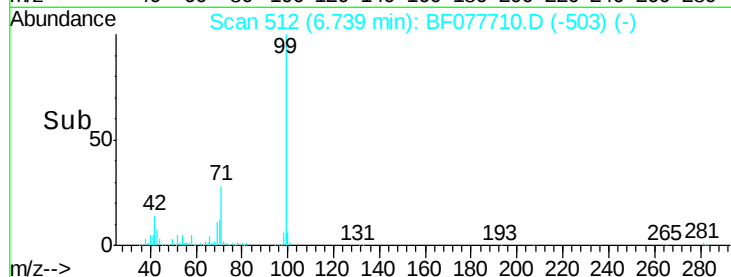
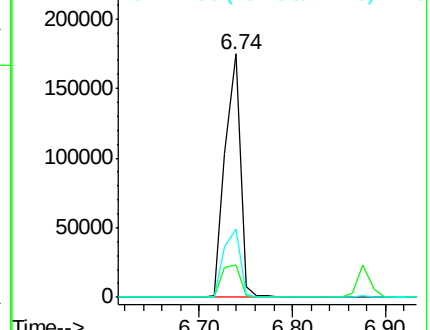
71 28.0 23.4 35.2



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



#10

Phenol

Concen: 2.00 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

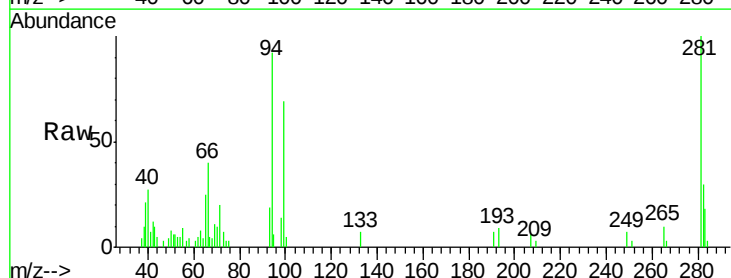
Tgt Ion: 94 Resp: 9739

Ion Ratio Lower Upper

94 100

65 27.2 18.8 58.8

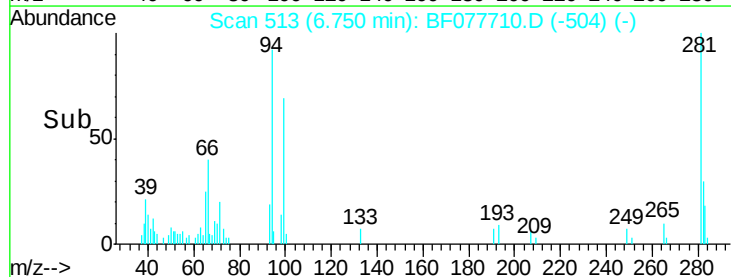
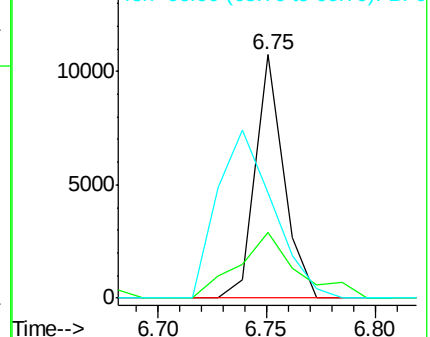
66 43.4 39.9 79.9

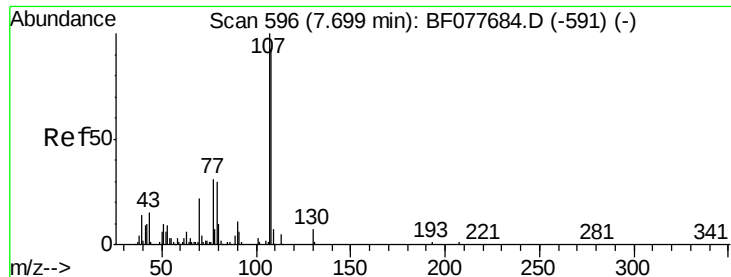


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#20

3+4-Methylphenols

Concen: 5.42 ng

RT: 7.70 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Instrument :

BNA_F

ClientSampleId :

MW-9

Tot Ion:107 Resp: 22954

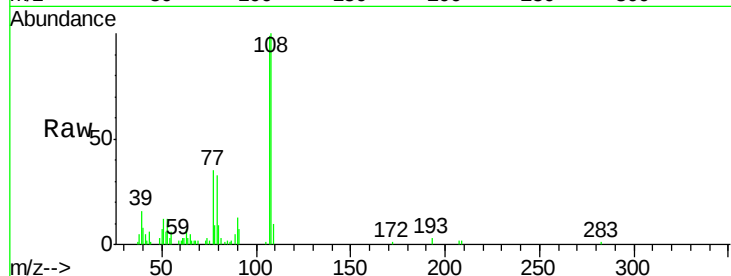
Ion Ratio Lower Upper

107 100

108 101.1 73.2 113.2

77 35.9 10.7 50.7

79 33.6 9.6 49.6

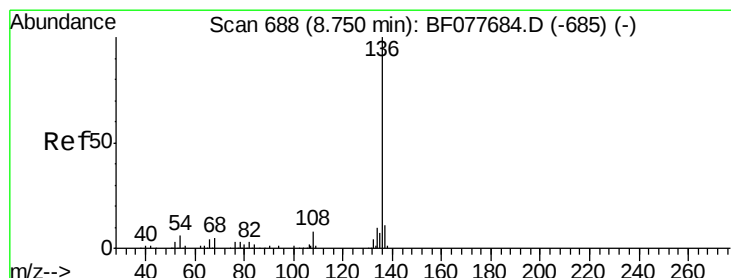
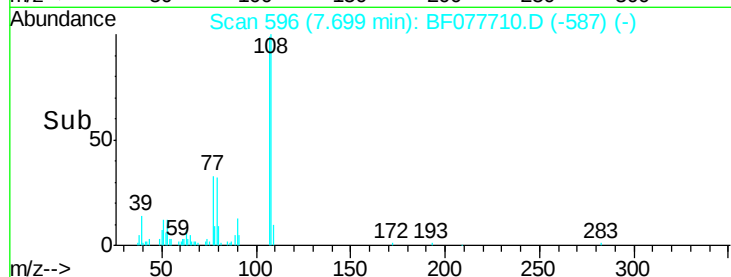
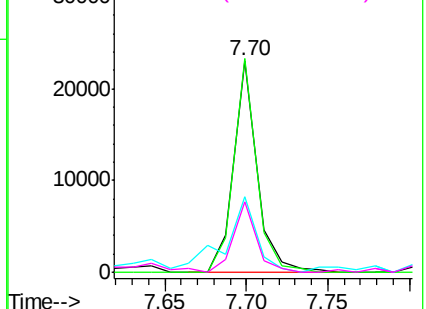


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Tgt Ion:136 Resp: 241725

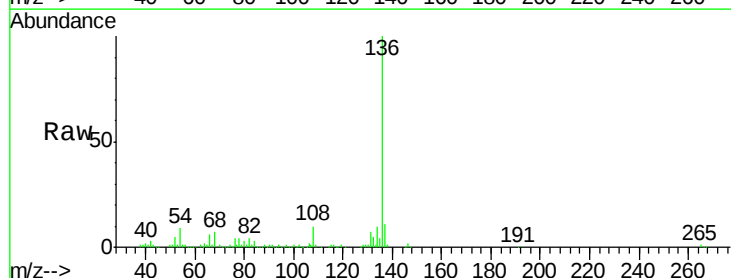
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.2 4.6 6.8#

68 7.4 3.7 5.5#

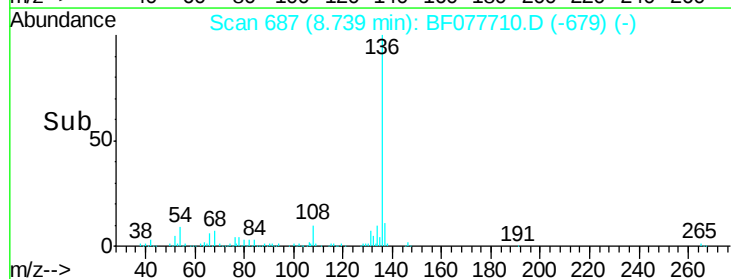
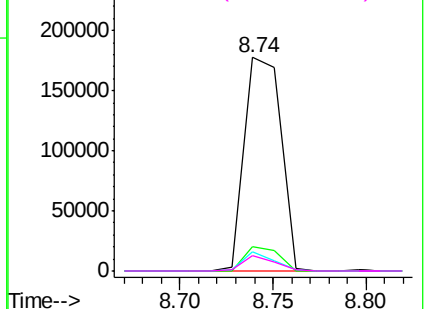


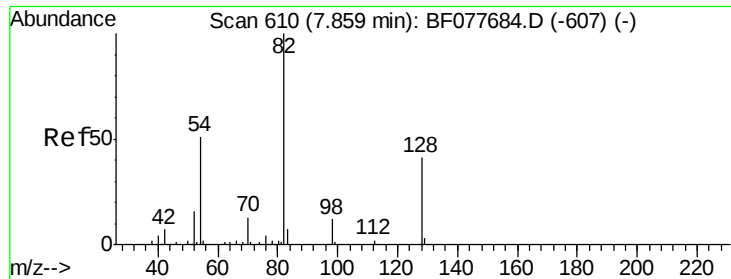
Abundance Ion 136.00 (135.70 to 136.70): E

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

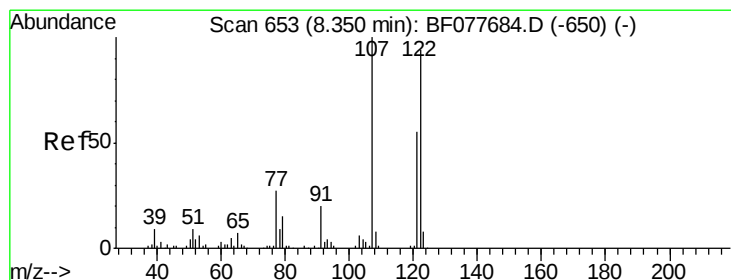
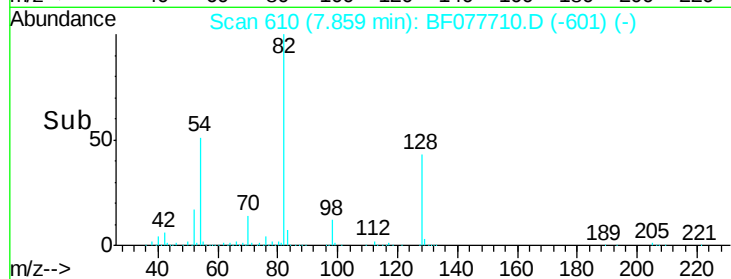
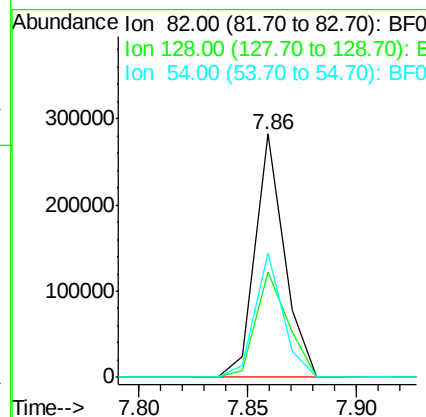
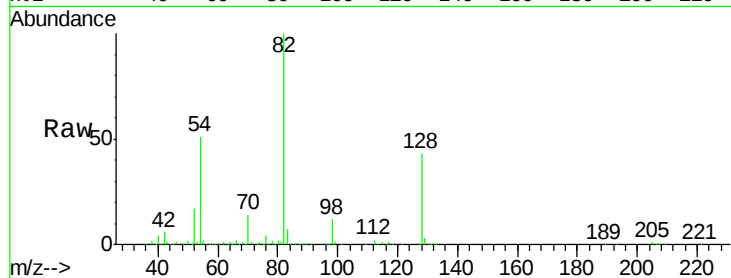




#23
Nitrobenzene-d5
Concen: 71.70 ng
RT: 7.86 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF077710.D
Acq: 12 Mar 2015 3:11

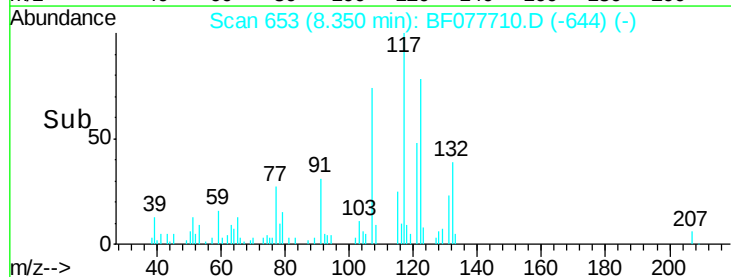
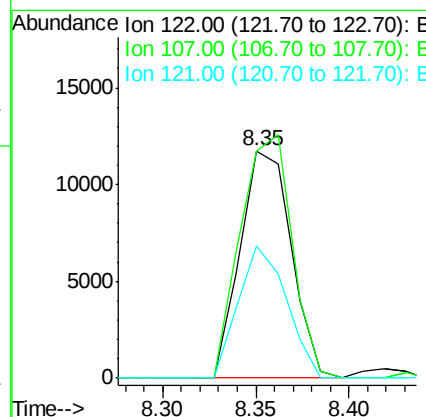
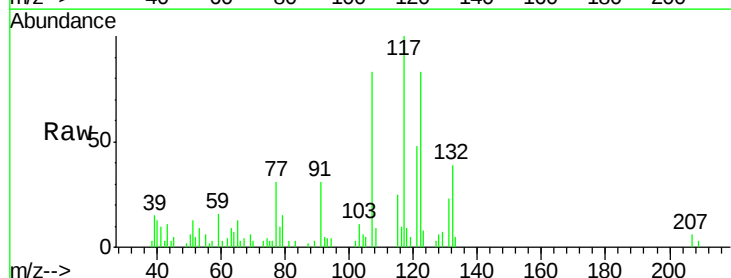
Instrument :
BNA_F
ClientSampleId :
MW-9

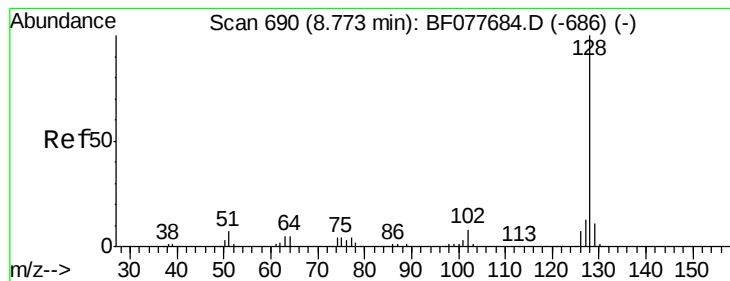
Tot Ion	82	Resp	264388
Ion Ratio	Lower	Upper	
82	100		
128	43.1	32.8	49.2
54	50.9	40.6	60.8



#27
2,4-Dimethylphenol
Concen: 6.30 ng
RT: 8.35 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF077710.D
Acq: 12 Mar 2015 3:11

Tgt Ion	122	Resp	22319
Ion Ratio	Lower	Upper	
122	100		
107	100.0	84.7	127.1
121	58.2	46.6	69.8





#31

Naphthalene

Concen: 11.17 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Instrument :

BNA_F

ClientSampleId :

MW-9

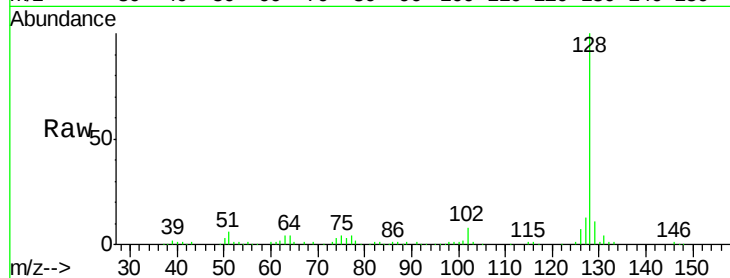
Tot Ion:128 Resp: 138652

Ion Ratio Lower Upper

128 100

129 10.5 8.9 13.3

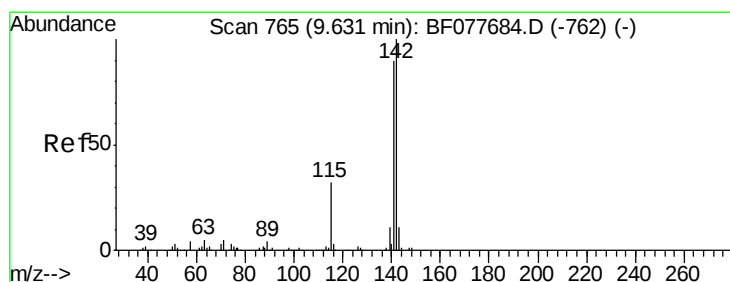
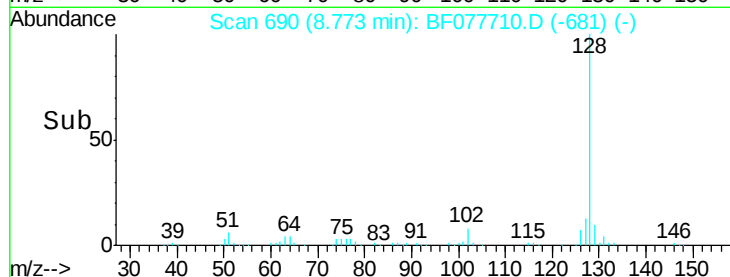
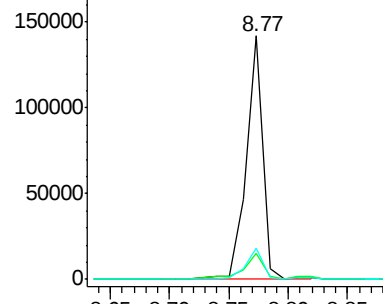
127 12.5 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 11.80 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

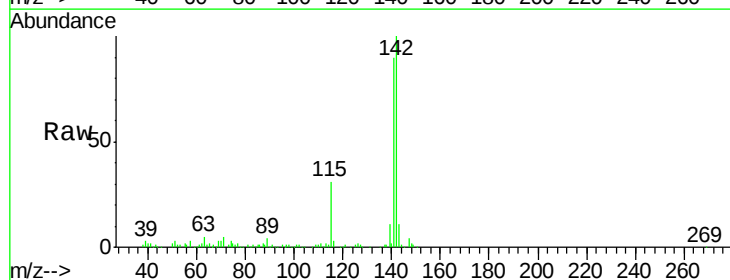
Tgt Ion:142 Resp: 98435

Ion Ratio Lower Upper

142 100

141 90.4 71.9 107.9

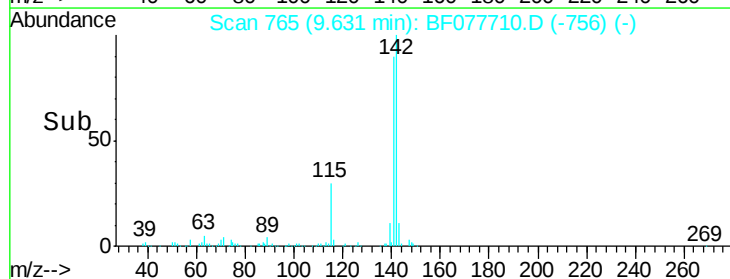
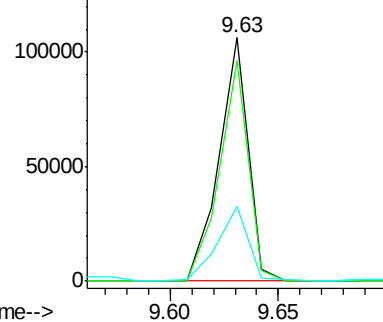
115 30.9 25.4 38.0

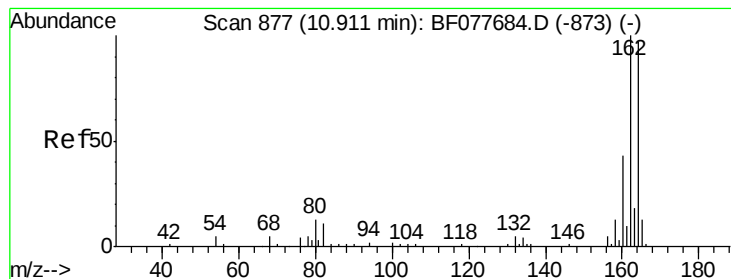


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Instrument :

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MW-9

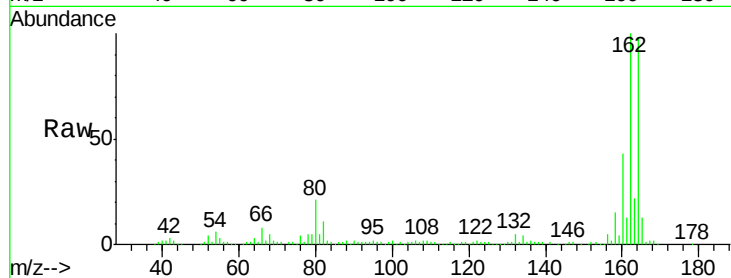
Tot Ion:164 Resp: 127241

Ion Ratio Lower Upper

164 100

162 101.8 82.4 123.6

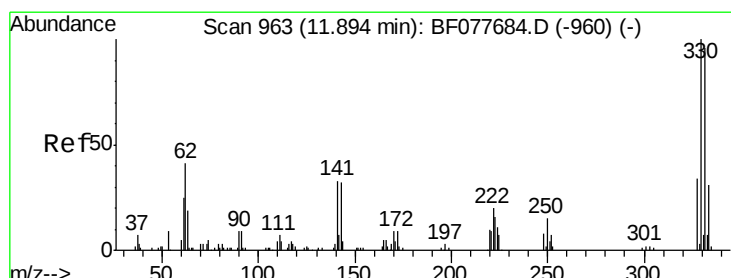
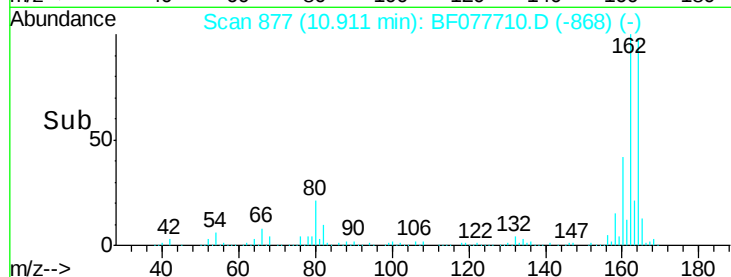
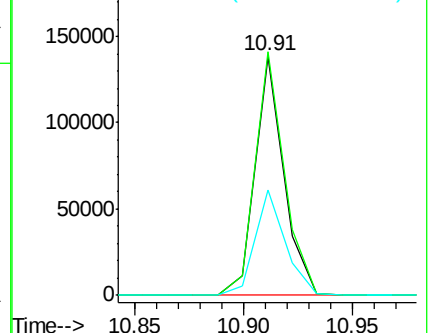
160 43.9 35.8 53.6



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: 103.36 ng

RT: 11.89 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

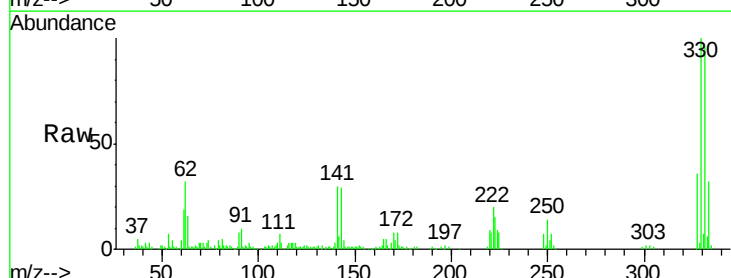
Tgt Ion:330 Resp: 125833

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

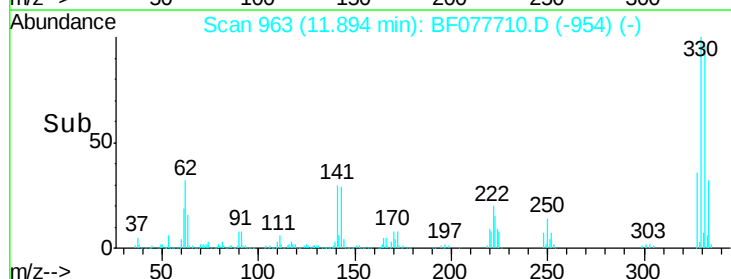
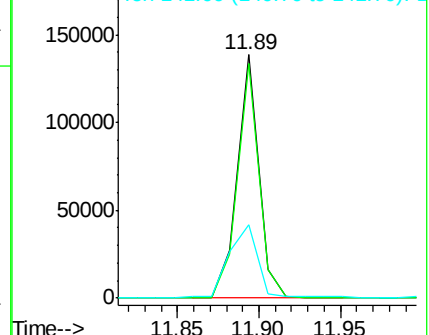
141 38.1 0.0 0.0#

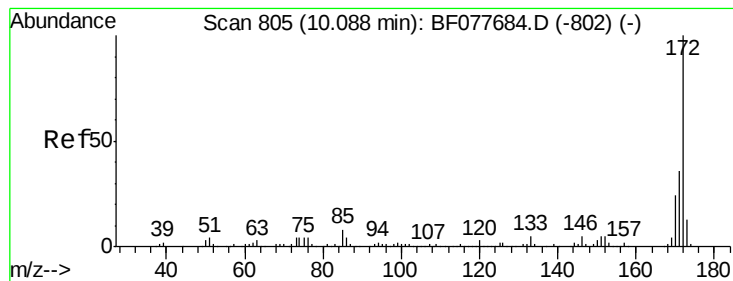


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 69.69 ng

RT: 10.09 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Instrument :

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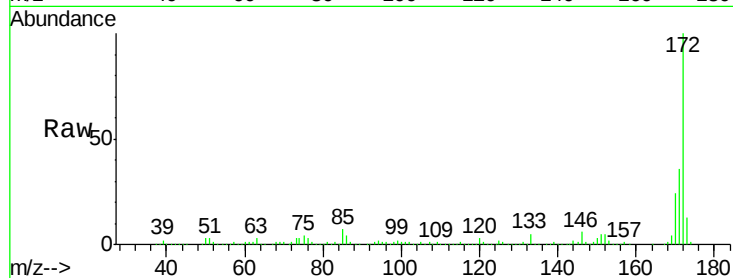
Tot Ion:172 Resp: 603403

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

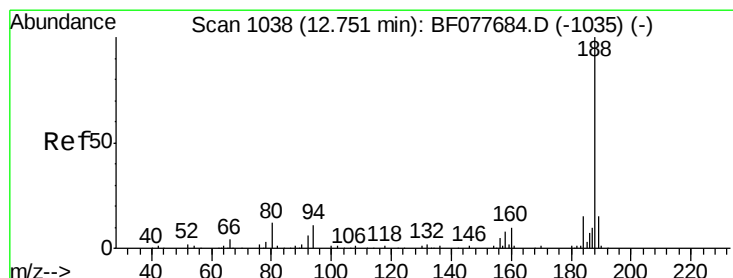
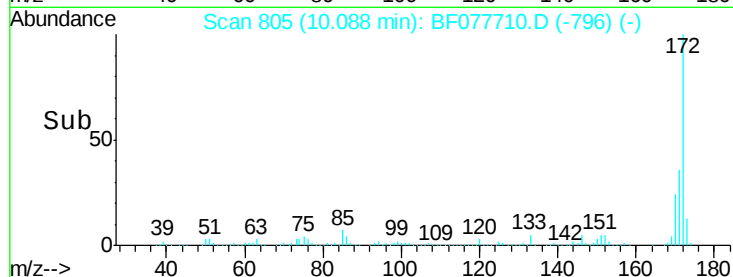
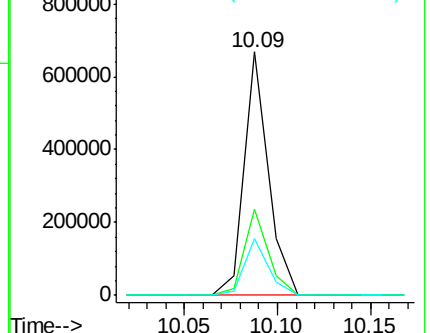
170 23.5 18.8 28.2



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: 12.75 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

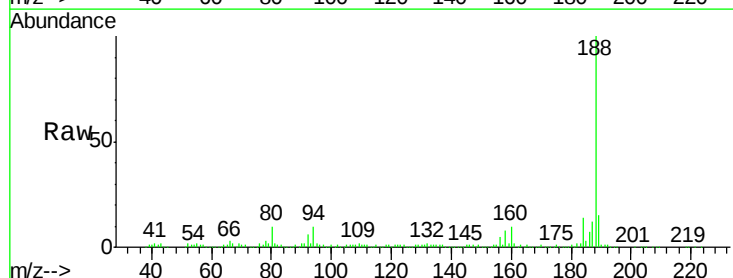
Tgt Ion:188 Resp: 240942

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

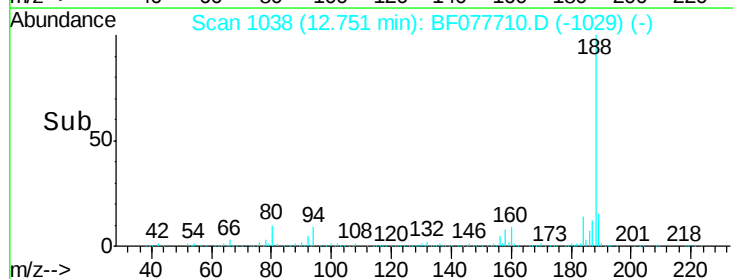
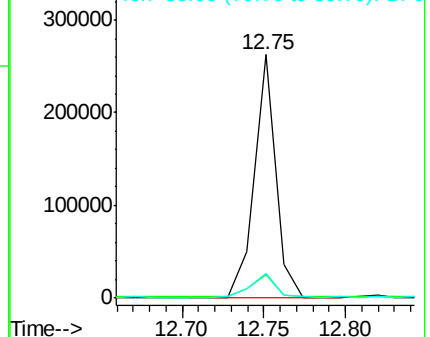
80 10.4 9.3 13.9

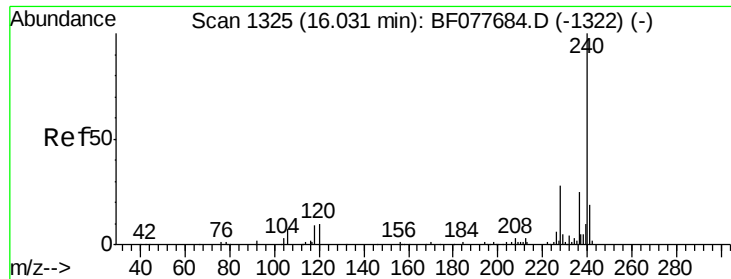


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

Instrument :

BNA_F

ClientSampleId :

MW-9

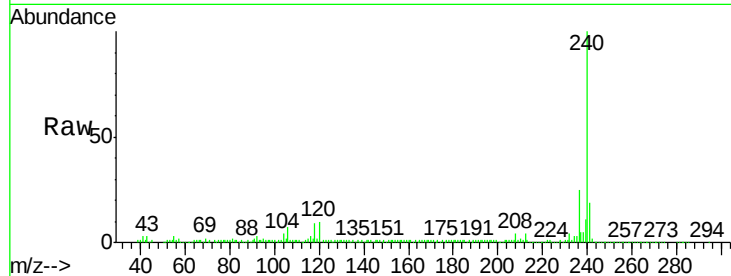
Tot Ion:240 Resp: 249592

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

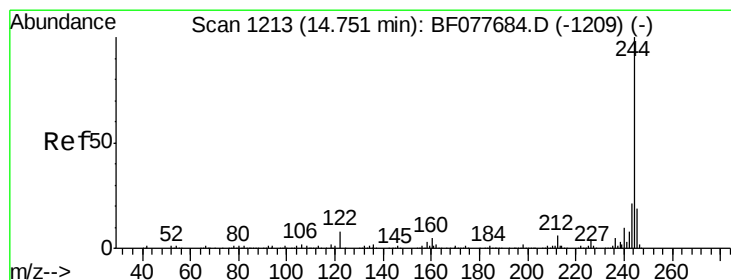
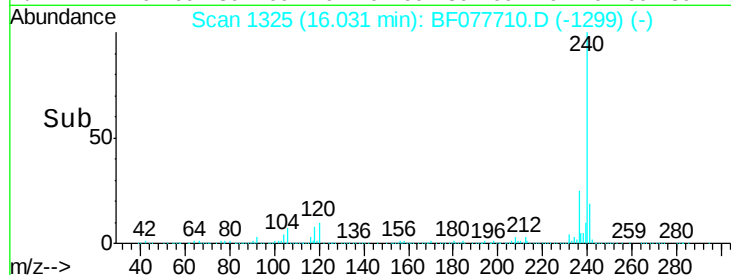
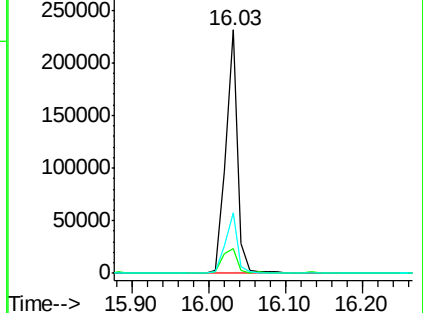
236 25.0 20.0 30.0



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



#78

Terphenyl-d14

Concen: 67.46 ng

RT: 14.75 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF077710.D

Acq: 12 Mar 2015 3:11

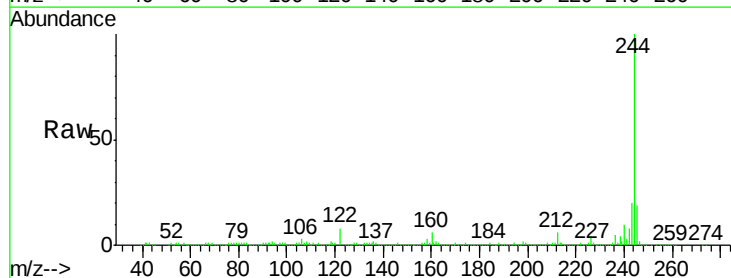
Tgt Ion:244 Resp: 689266

Ion Ratio Lower Upper

244 100

212 6.3 4.9 7.3

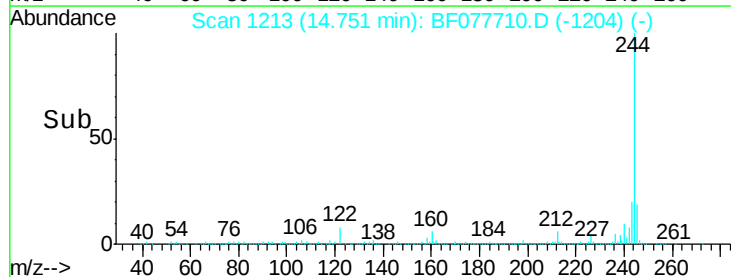
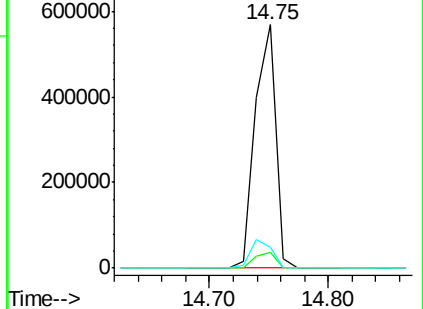
122 8.4 6.2 9.4

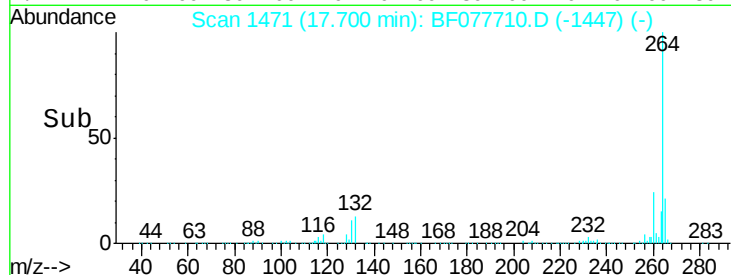
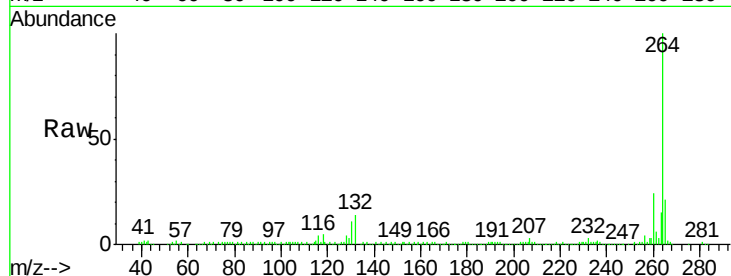
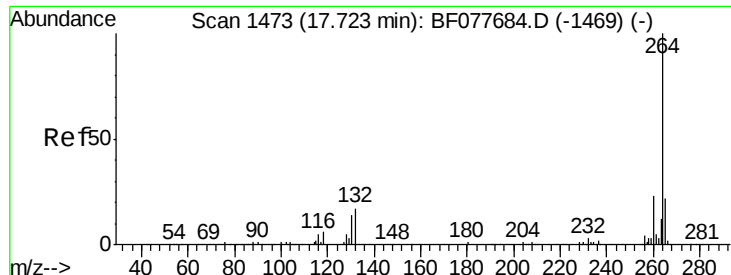


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.70 min Scan# 1471
 Delta R.T. -0.02 min
 Lab File: BF077710.D
 Acq: 12 Mar 2015 3:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tot Ion:	264	Resp:	245250
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.6	27.8
265	21.3	17.3	25.9

