

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077882.D
 Acq On : 21 Mar 2015 1:11
 Operator : TP/IZ
 Sample : G1589-01
 Misc : W
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Mar 21 05:26:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 21 04:23:04 2015
 Response via : Initial Calibration

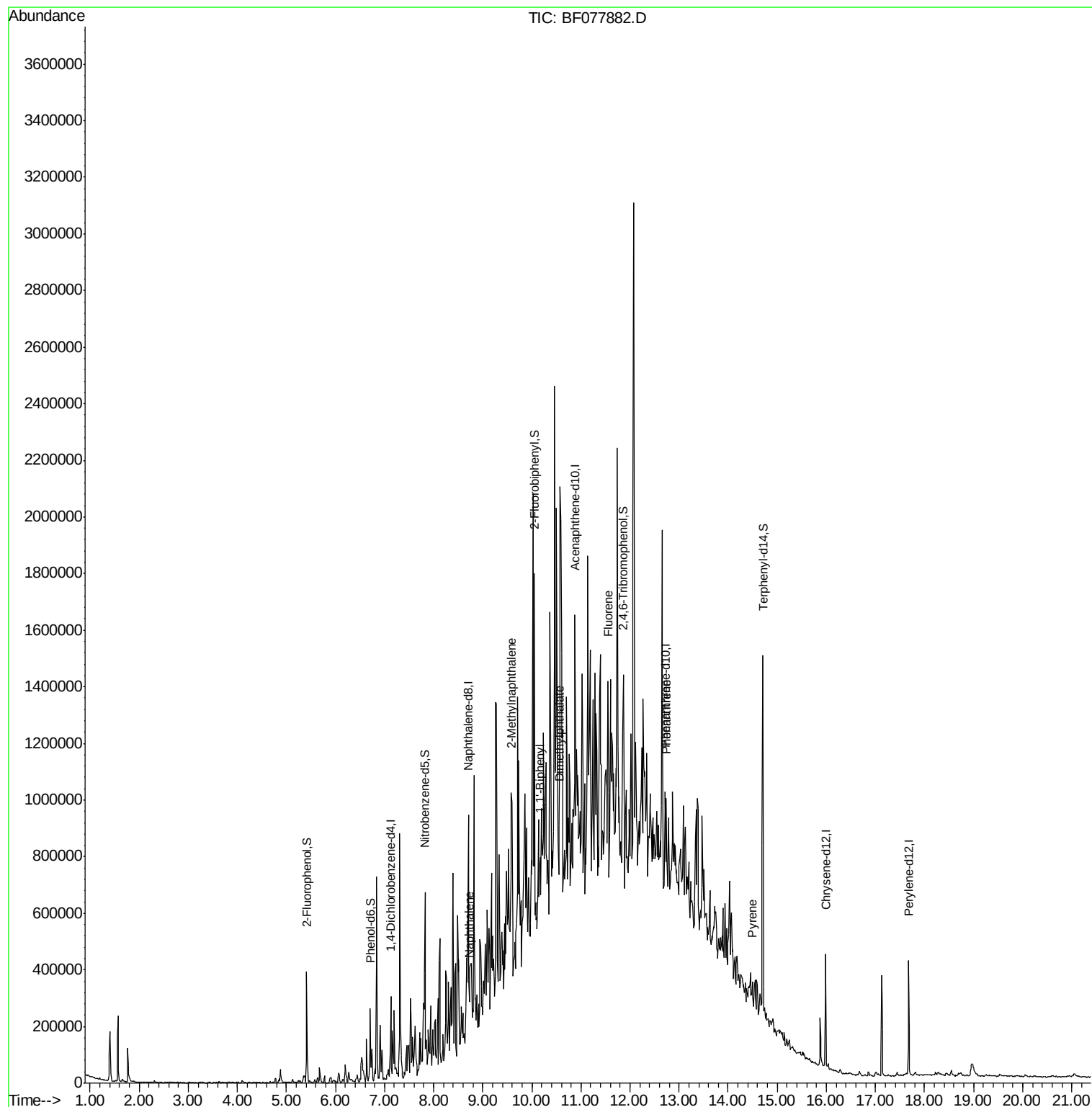
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	42775	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	165997	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	85040	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	154965	20.00	ng	0.01
75) Chrysene-d12	15.99	240	180716	20.00	ng	0.00
86) Perylene-d12	17.68	264	175551	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	124983	51.00	ng	0.00
7) Phenol-d6	6.70	99	101501	33.52	ng	0.00
23) Nitrobenzene-d5	7.82	82	202370	79.91	ng	0.00
41) 2,4,6-Tribromophenol	11.86	330	79053	97.16	ng	0.01
44) 2-Fluorobiphenyl	10.05	172	412351	71.26	ng	0.00
78) Terphenyl-d14	14.71	244	489976	66.23	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.73	128	23248m	2.73	ng	
37) 2-Methylnaphthalene	9.58	142	169910m	29.67	ng	
45) 1,1'-Biphenyl	10.17	154	35850	5.27	ng	94
49) Dimethylphthalate	10.56	163	26153	4.15	ng	# 83
57) Fluorene	11.55	166	71536m	11.03	ng	
70) Phenanthrene	12.74	178	172395	19.38	ng	98
77) Pyrene	14.49	202	30204	2.66	ng	# 90

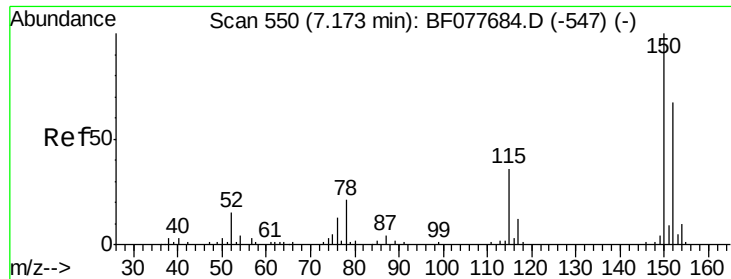
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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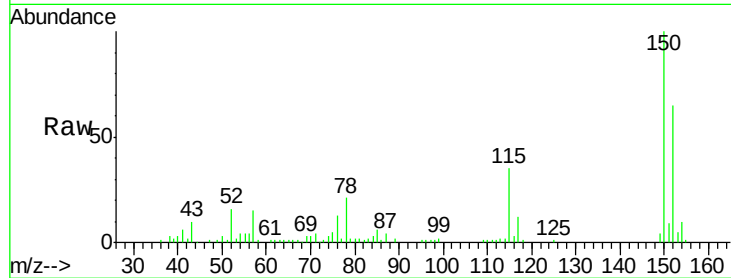


#1

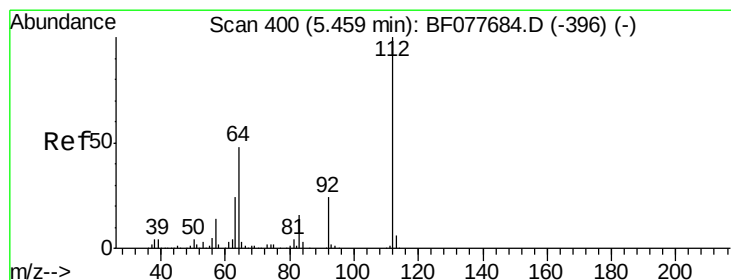
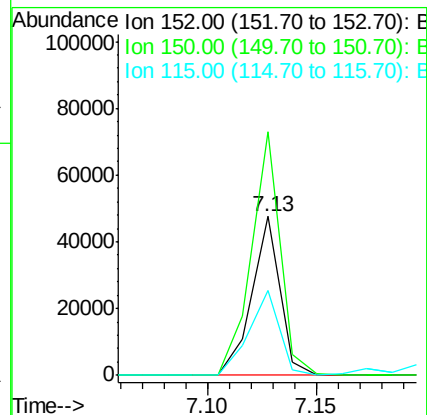
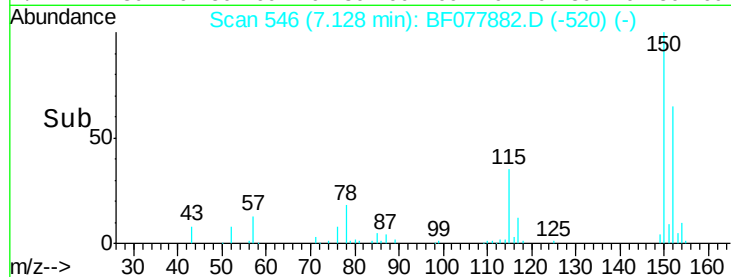
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077882.D
Acq: 21 Mar 2015 1:11

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:152 Resp: 42775
Ion Ratio Lower Upper
152 100
150 153.1 119.5 179.3
115 53.7 43.0 64.4



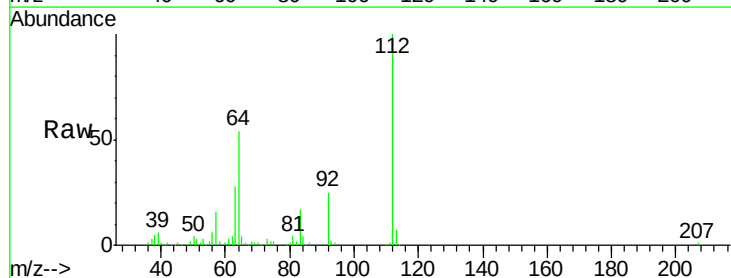
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



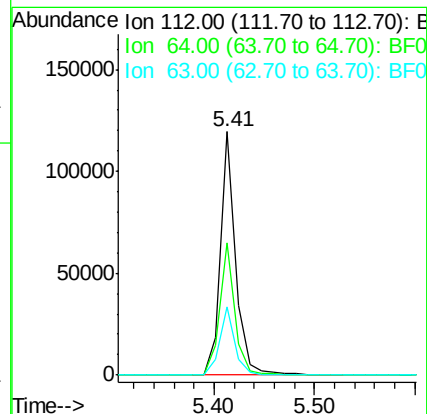
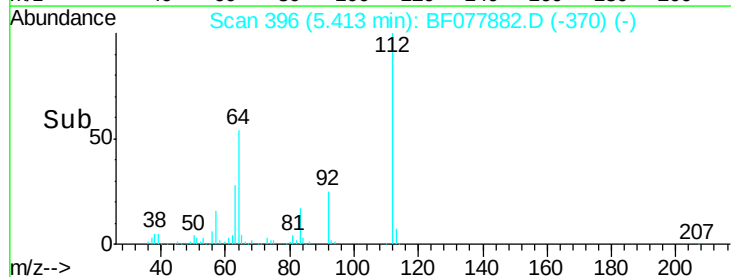
#5

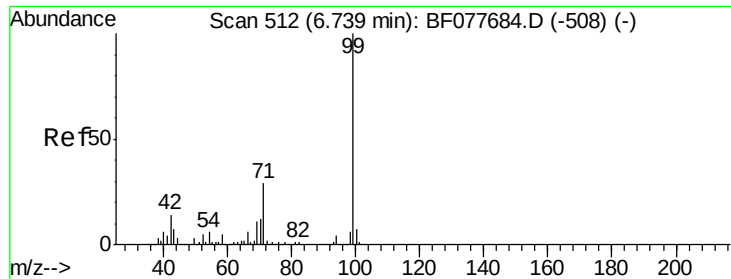
2-Fluorophenol
Concen: 51.00 ng
RT: 5.41 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF077882.D
Acq: 21 Mar 2015 1:11

Tgt Ion:112 Resp: 124983
Ion Ratio Lower Upper
112 100
64 54.4 38.6 57.8
63 28.1 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: 33.52 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077882.D

Acq: 21 Mar 2015 1:11

Instrument :

BNA_F

ClientSampleId :

MW-1

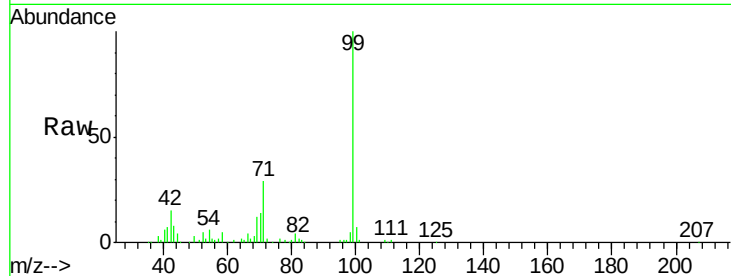
Tot Ion: 99 Resp: 101501

Ion Ratio Lower Upper

99 100

42 14.7 11.0 16.4

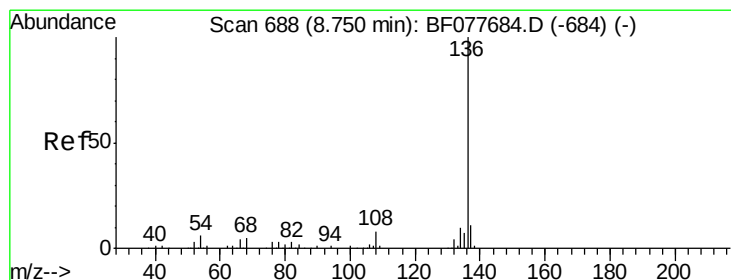
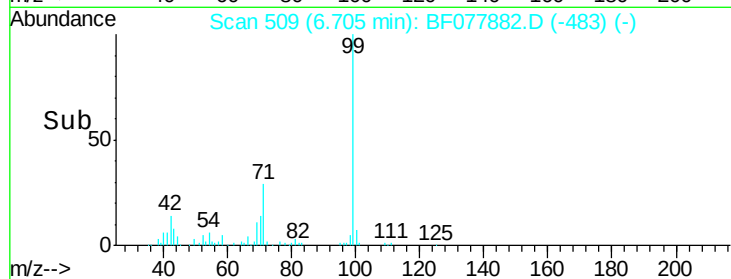
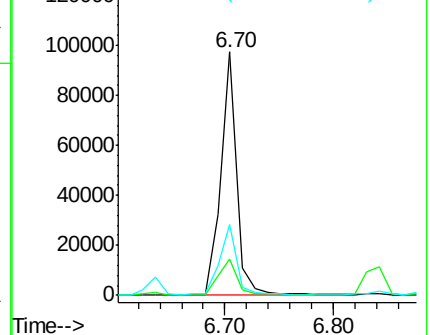
71 29.1 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF077882.D

Acq: 21 Mar 2015 1:11

Tgt Ion: 136 Resp: 165997

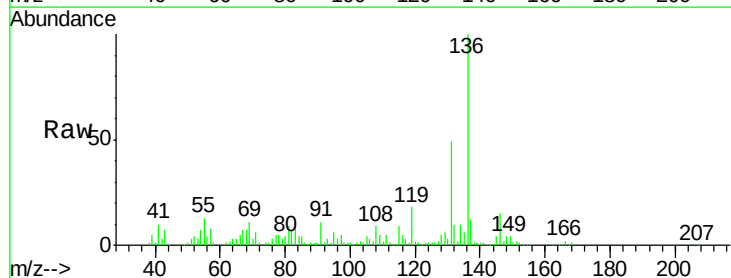
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 7.1 4.6 6.8#

68 6.7 3.7 5.5#

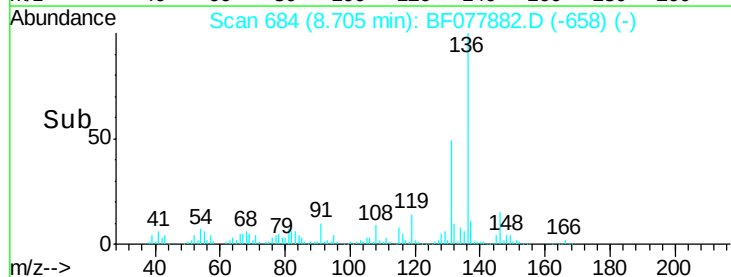
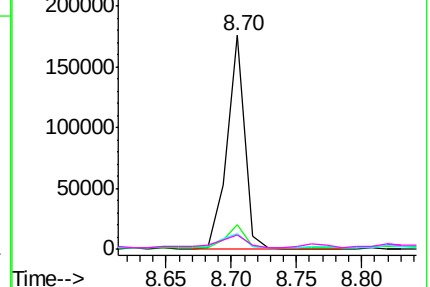


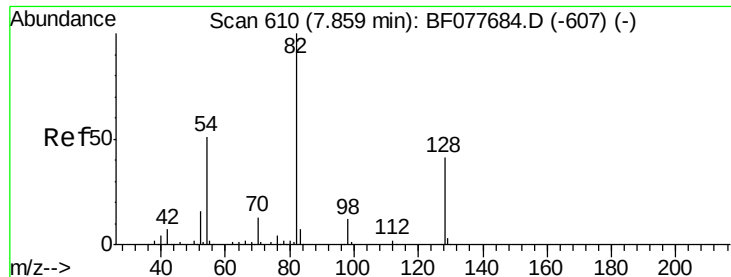
Abundance Ion 136.00 (135.70 to 136.70): E

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

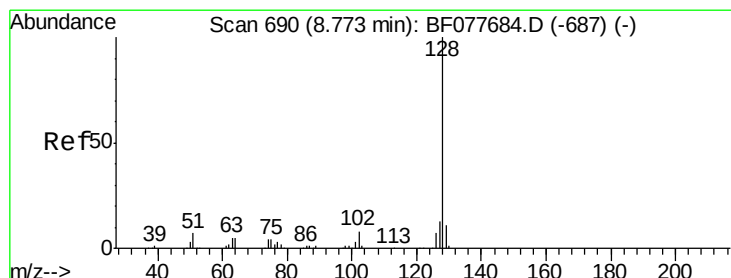
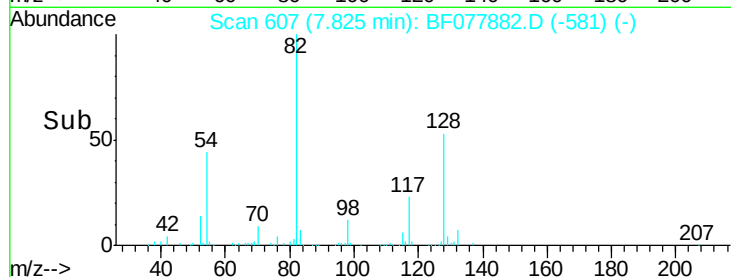
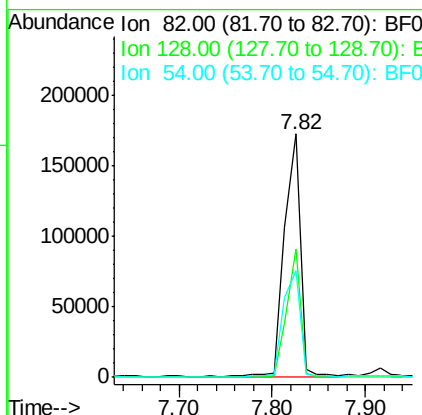
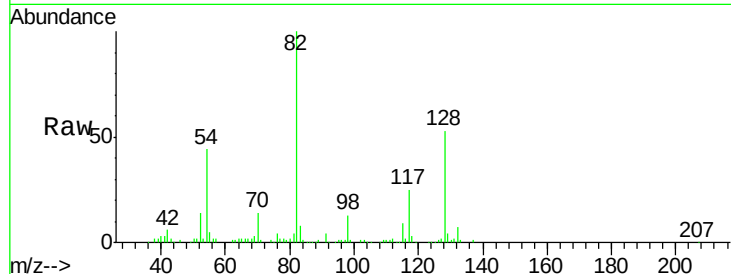




#23
 Nitrobenzene-d5
 Concen: 79.91 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077882.D
 Acq: 21 Mar 2015 1:11

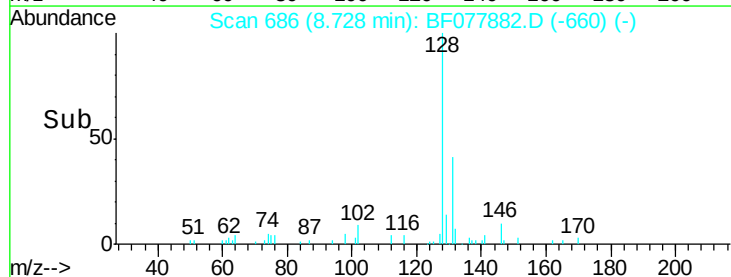
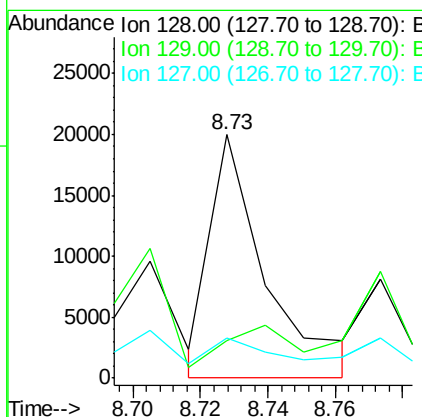
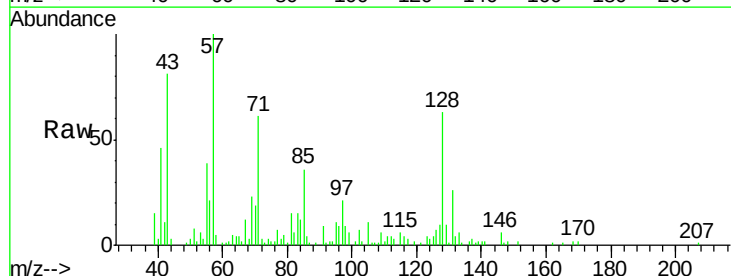
Instrument :
 BNA_F
 ClientSampled :
 MW-1

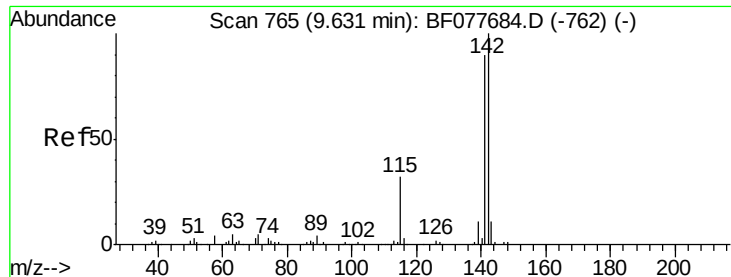
Tot Ion	Ratio	Lower	Upper
82	100		
128	52.7	32.8	49.2#
54	44.0	40.6	60.8



#31
 Naphthalene
 Concen: 2.73 ng m
 RT: 8.73 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF077882.D
 Acq: 21 Mar 2015 1:11

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.6	8.9	13.3#
127	16.5	10.4	15.6#

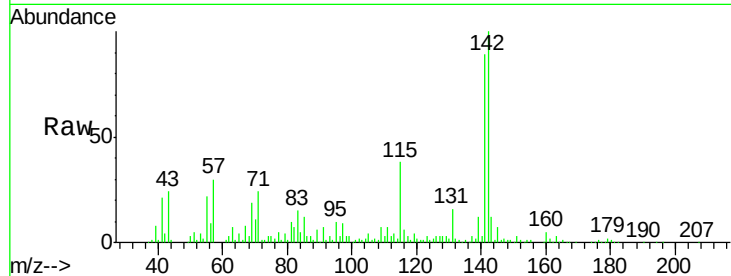




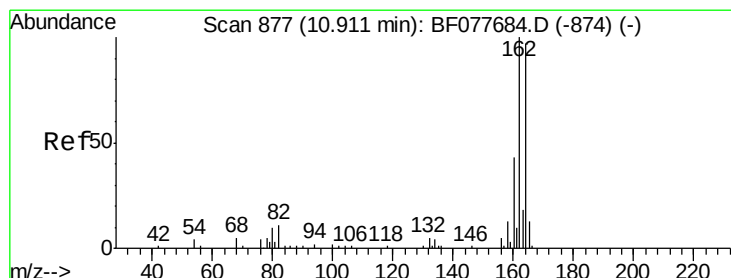
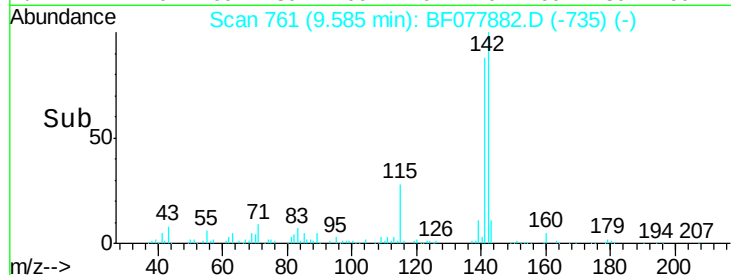
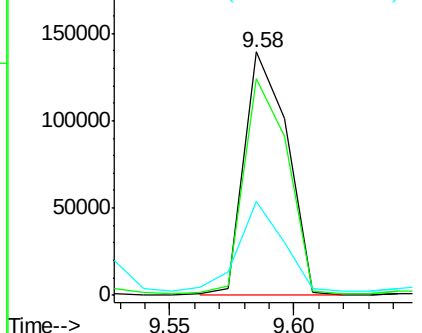
#37
2-Methylnaphthalene
Concen: 29.67 ng/mL
RT: 9.58 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF077882.D
Acq: 21 Mar 2015 1:11

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:142 Resp: 169910
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9
115 38.4 25.4 38.0#

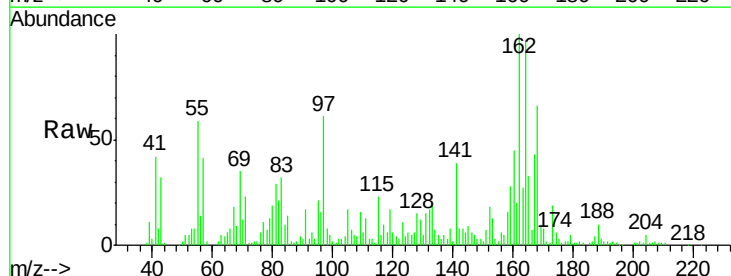


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

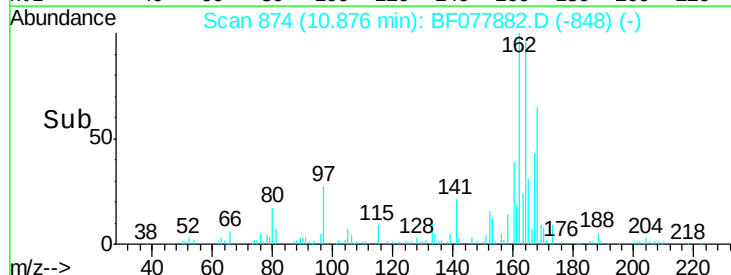
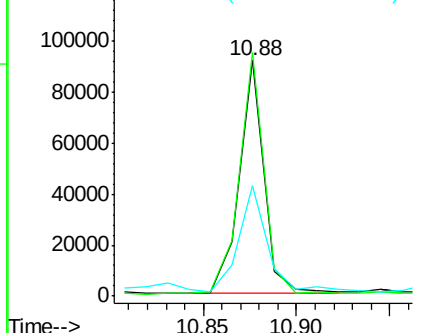


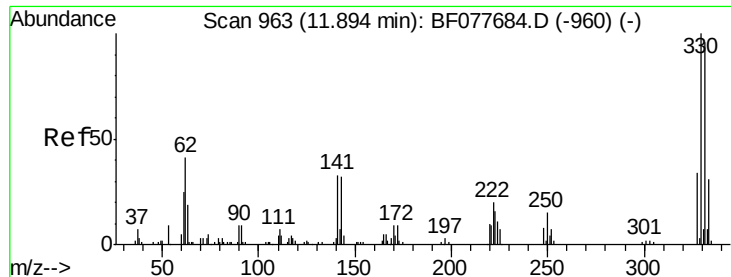
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF077882.D
Acq: 21 Mar 2015 1:11

Tgt Ion:164 Resp: 85040
Ion Ratio Lower Upper
164 100
162 103.4 82.4 123.6
160 46.9 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

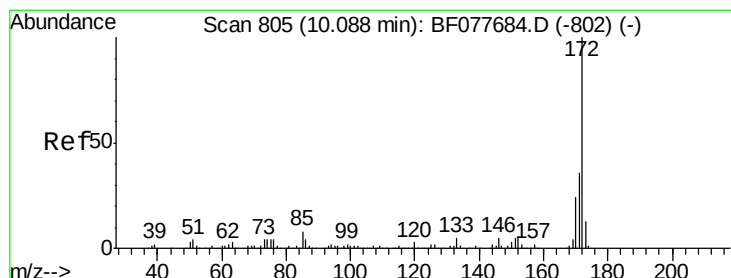
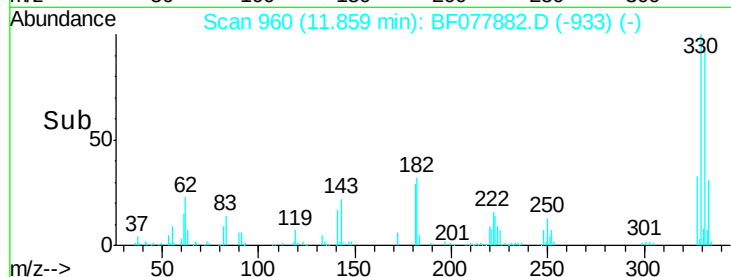
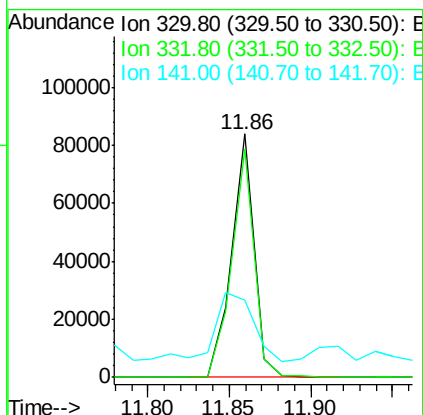
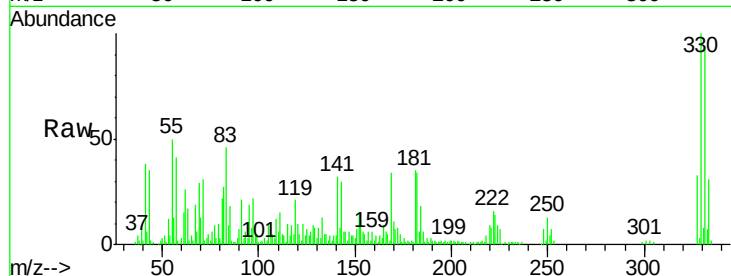




#41
 2,4,6-Tribromophenol
 Concen: 97.16 ng
 RT: 11.86 min Scan# 960
 Delta R.T. 0.01 min
 Lab File: BF077882.D
 Acq: 21 Mar 2015 1:11

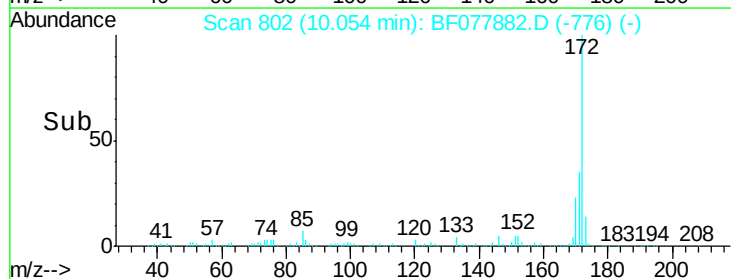
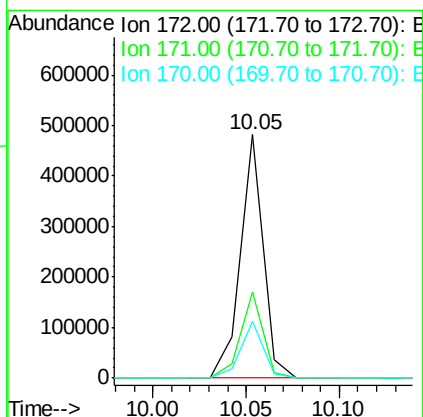
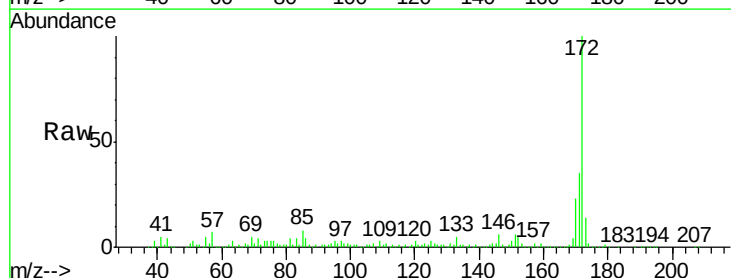
Instrument :
 BNA_F
 ClientSampled :
 MW-1

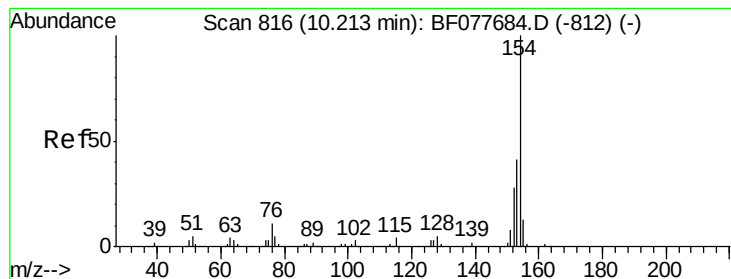
Tot Ion:330 Resp: 79053
 Ion Ratio Lower Upper
 330 100
 332 94.2 0.0 0.0#
 141 48.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 71.26 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077882.D
 Acq: 21 Mar 2015 1:11

Tgt Ion:172 Resp: 412351
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.3 18.8 28.2





#45

1,1'-Biphenyl

Concen: 5.27 ng

RT: 10.17 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF077882.D

Acq: 21 Mar 2015 1:11

Instrument :

BNA_F

ClientSampleId :

MW-1

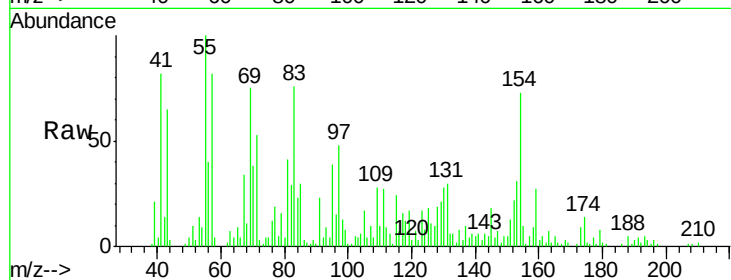
Tot Ion:154 Resp: 35850

Ion Ratio Lower Upper

154 100

153 42.5 20.7 60.7

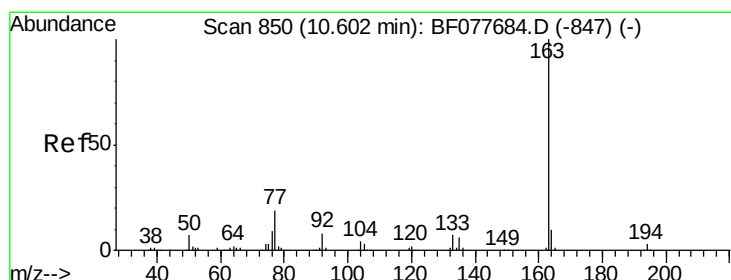
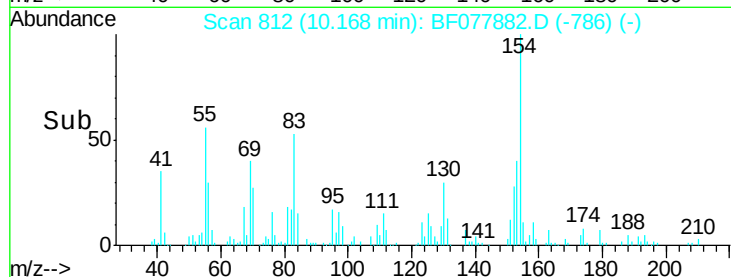
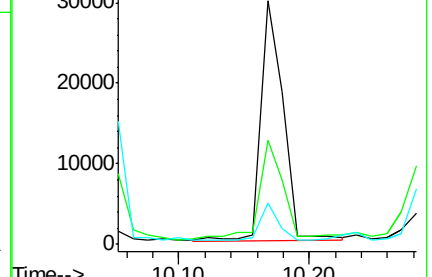
76 16.9 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 4.15 ng

RT: 10.56 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF077882.D

Acq: 21 Mar 2015 1:11

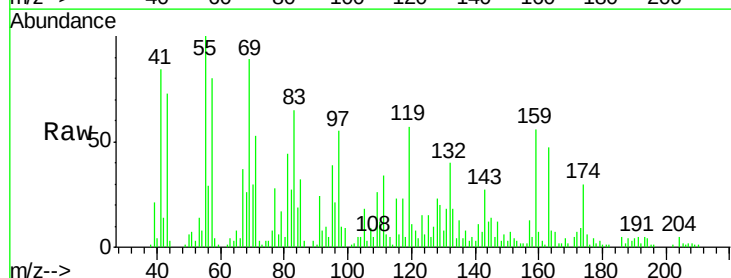
Tgt Ion:163 Resp: 26153

Ion Ratio Lower Upper

163 100

194 7.5 2.7 4.1#

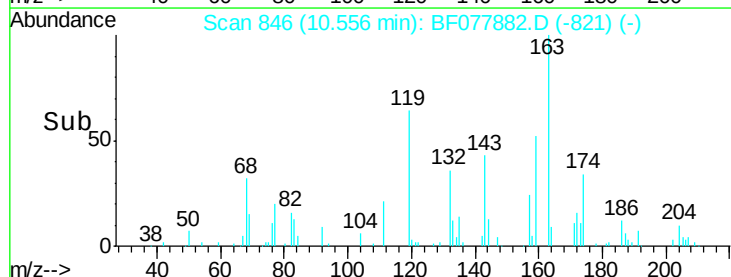
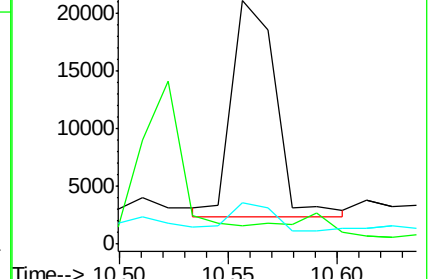
164 17.0 8.2 12.2#

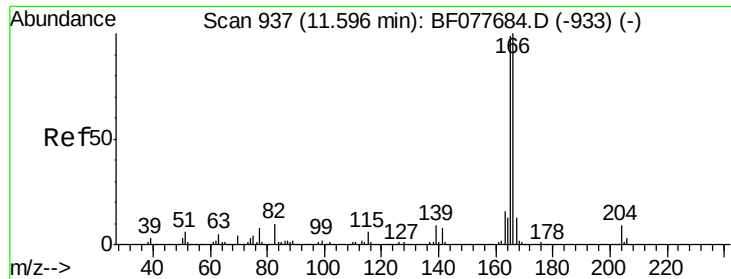


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#57

Fluorene

Concen: 11.03 ng/mL

RT: 11.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF077882.D

Acq: 21 Mar 2015 1:11

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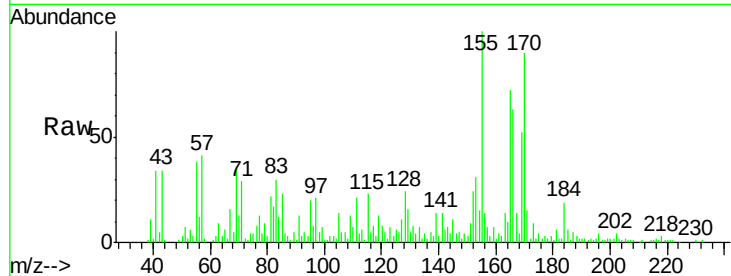
Tot Ion:166 Resp: 71536

Ion Ratio Lower Upper

166 100

165 115.0 79.0 118.4

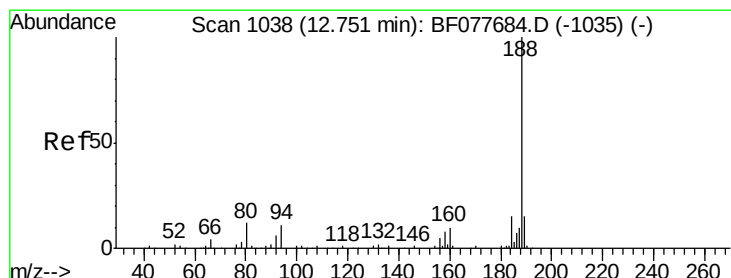
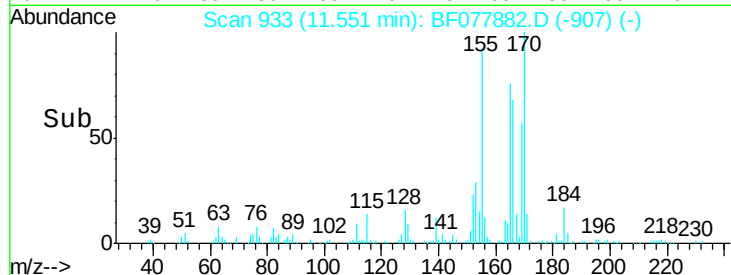
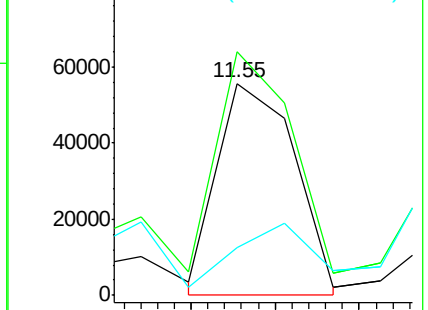
167 22.8 10.3 15.5#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng/mL

RT: 12.72 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF077882.D

Acq: 21 Mar 2015 1:11

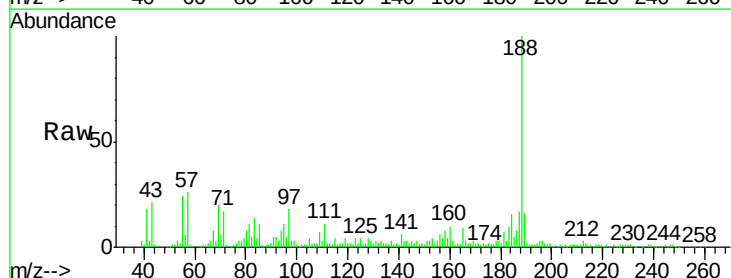
Tgt Ion:188 Resp: 154965

Ion Ratio Lower Upper

188 100

94 8.4 8.7 13.1#

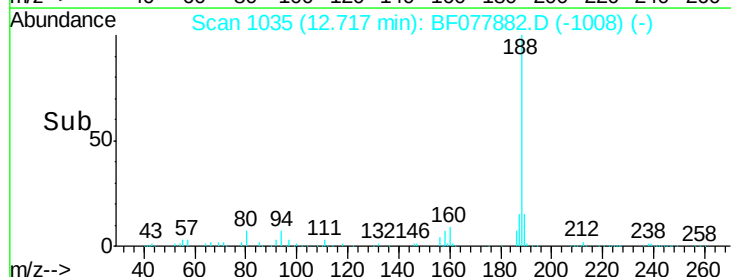
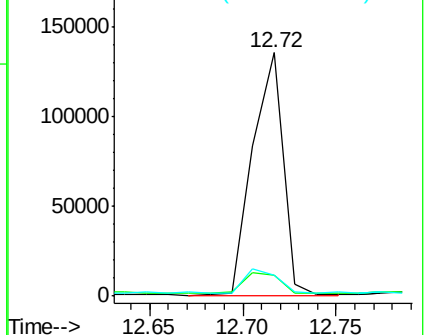
80 8.4 9.3 13.9#

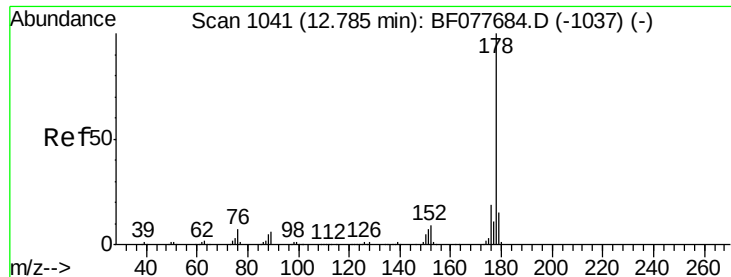


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 19.38 ng

RT: 12.74 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF077882.D

Acq: 21 Mar 2015 1:11

Instrument :

BNA_F

ClientSampleId :

MW-1

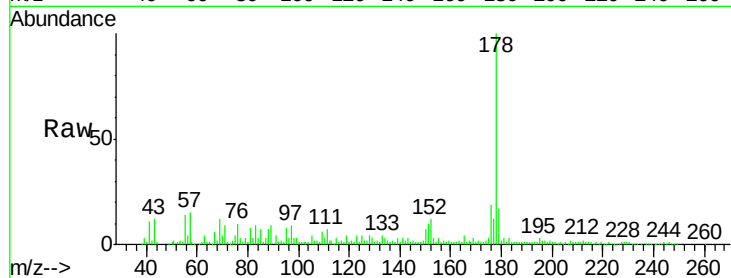
Tot Ion:178 Resp: 172395

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

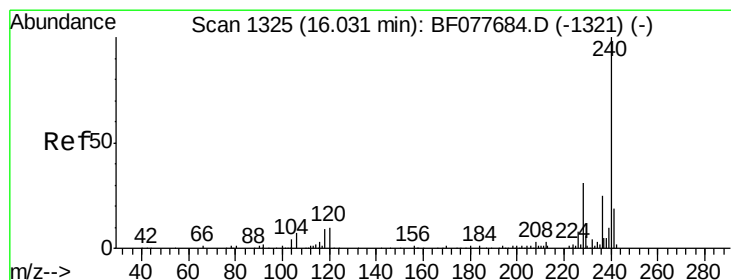
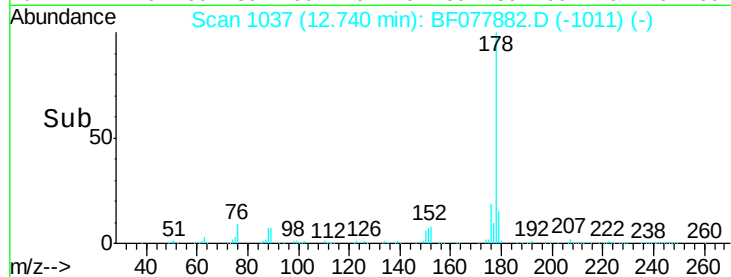
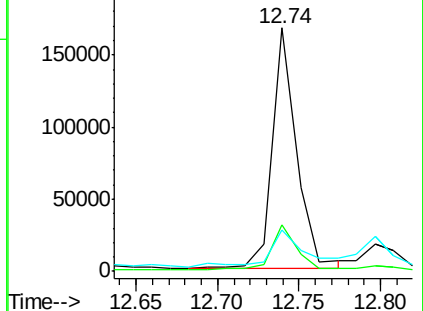
179 16.9 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF077882.D

Acq: 21 Mar 2015 1:11

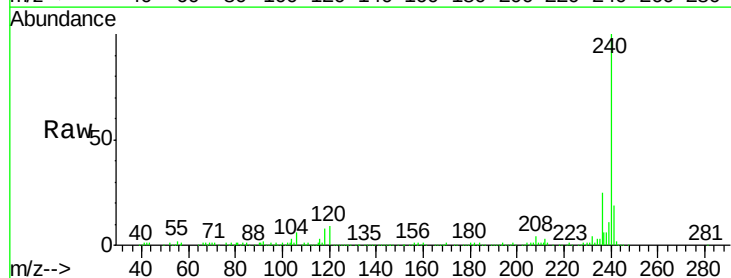
Tgt Ion:240 Resp: 180716

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

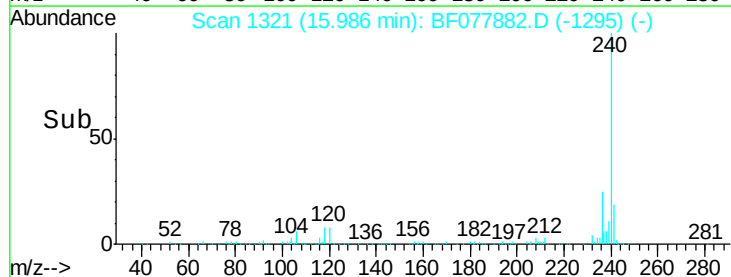
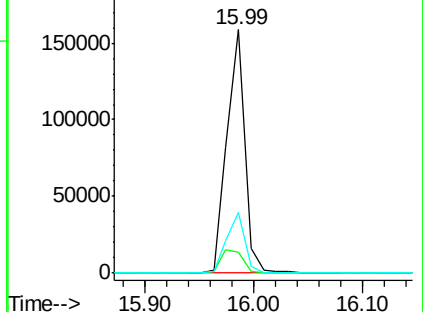
236 24.7 20.0 30.0

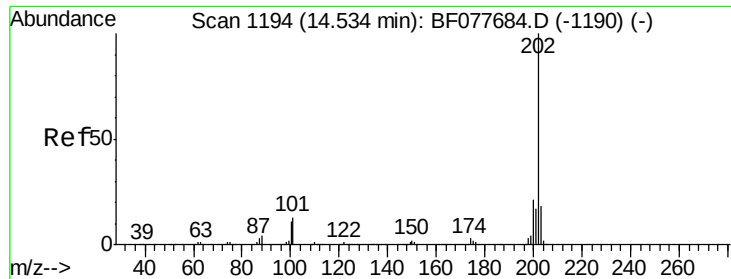


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.66 ng

RT: 14.49 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF077882.D

Acq: 21 Mar 2015 1:11

Instrument :

BNA_F

ClientSampleId :

MW-1

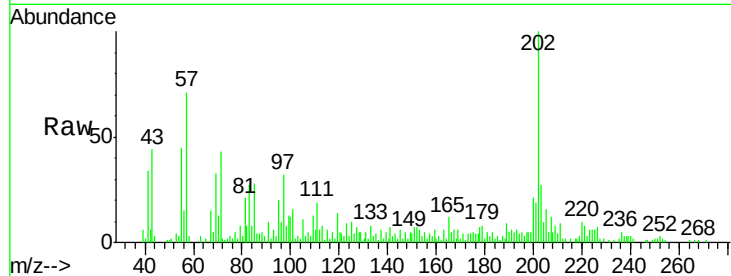
Tot Ion:202 Resp: 30204

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

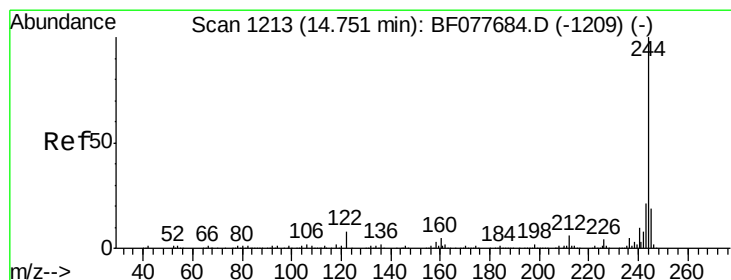
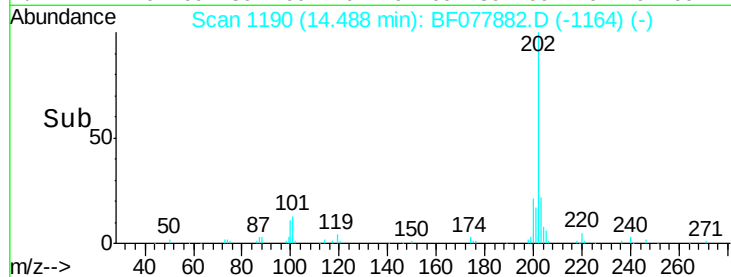
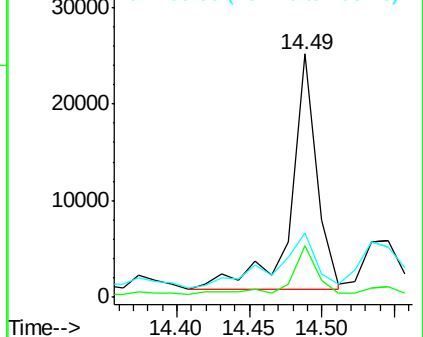
203 26.6 14.1 21.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.23 ng

RT: 14.71 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF077882.D

Acq: 21 Mar 2015 1:11

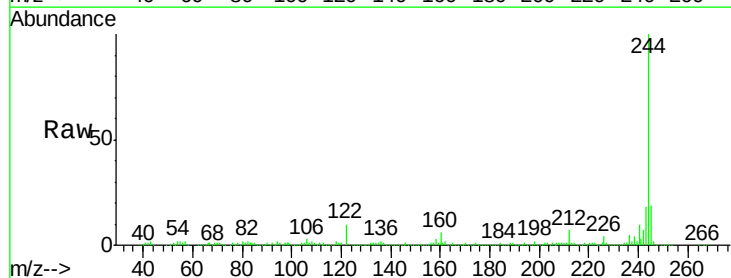
Tgt Ion:244 Resp: 489976

Ion Ratio Lower Upper

244 100

212 6.5 4.9 7.3

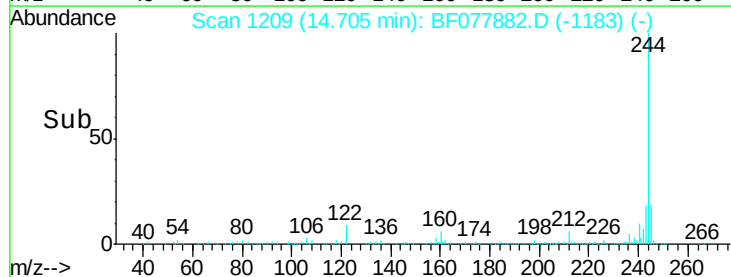
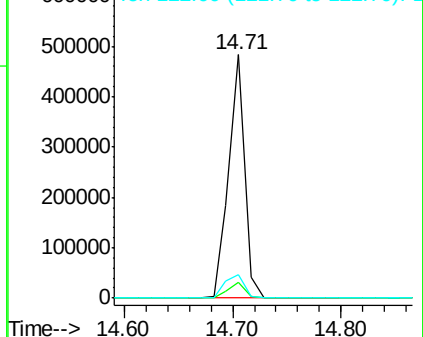
122 9.6 6.2 9.4#

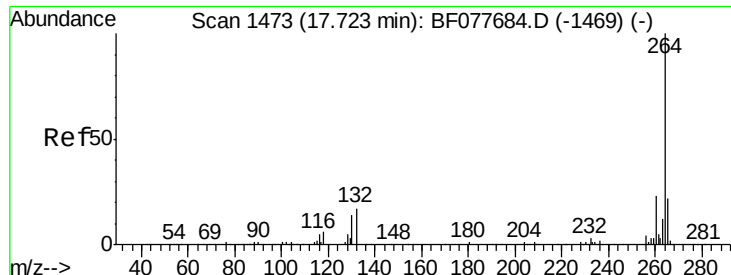


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

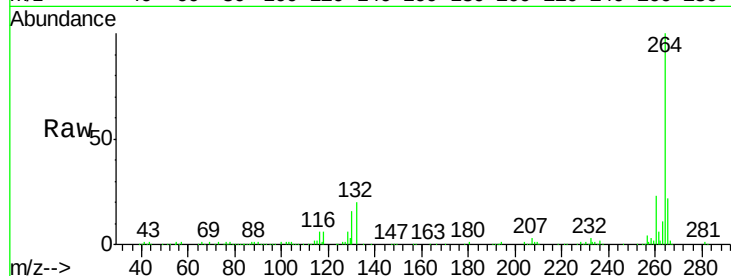




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. -0.02 min
 Lab File: BF077882.D
 Acq: 21 Mar 2015 1:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.6	17.3	25.9



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

