

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077883.D
 Acq On : 21 Mar 2015 1:40
 Operator : TP/IZ
 Sample : G1589-02
 Misc : W
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Mar 21 05:57:01 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

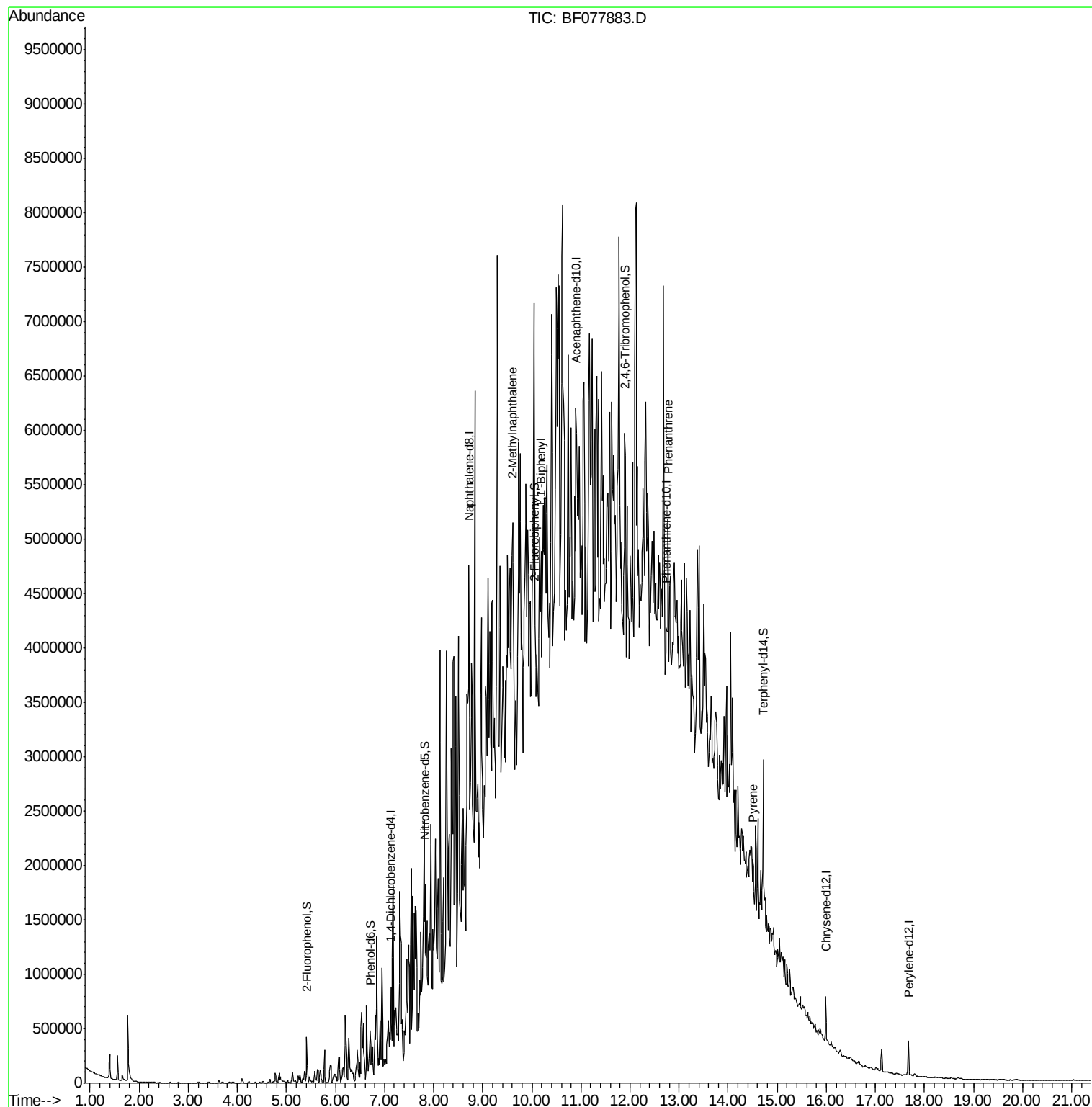
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	41701	20.00	ng	0.00
21) Naphthalene-d8	8.72	136	123664	20.00	ng	0.01
38) Acenaphthene-d10	10.90	164	69331	20.00	ng	0.02
63) Phenanthrene-d10	12.74	188	120610	20.00	ng	0.03
75) Chrysene-d12	15.99	240	170025	20.00	ng	0.00
86) Perylene-d12	17.68	264	172956	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	142854	59.80	ng	0.00
7) Phenol-d6	6.70	99	103583	35.09	ng	0.00
23) Nitrobenzene-d5	7.82	82	318174	168.66	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	79993	120.59	ng	0.05
44) 2-Fluorobiphenyl	10.06	172	419632	88.95	ng	0.01
78) Terphenyl-d14	14.72	244	555149	79.76	ng	0.01
Target Compounds						
37) 2-Methylnaphthalene	9.61	142	526561	123.41	ng	Qvalue # 94
45) 1,1'-Biphenyl	10.19	154	281839	50.85	ng	97
70) Phenanthrene	12.77	178	926261	133.78	ng	96
77) Pyrene	14.51	202	128227m	11.99	ng	

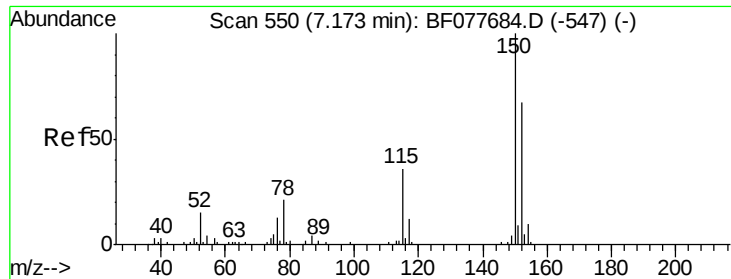
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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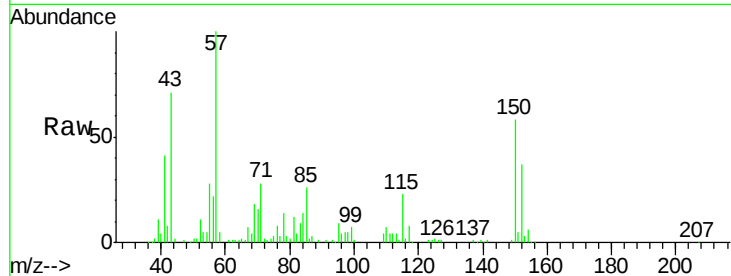


#1

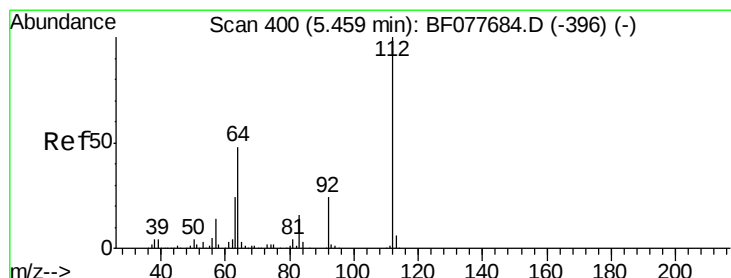
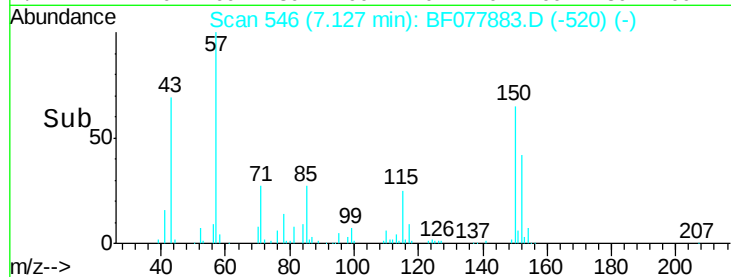
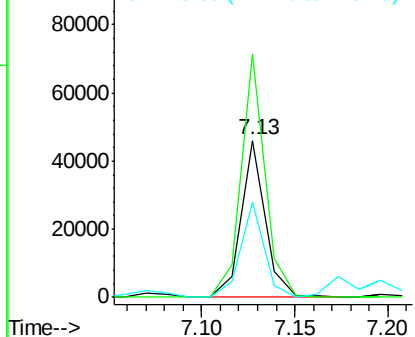
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077883.D
Acq: 21 Mar 2015 1:40

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:152 Resp: 41701
Ion Ratio Lower Upper
152 100
150 155.4 119.5 179.3
115 60.8 43.0 64.4



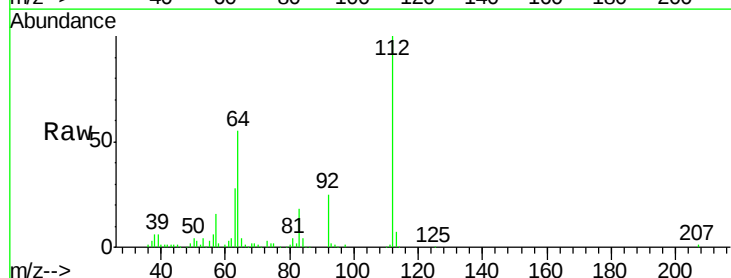
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



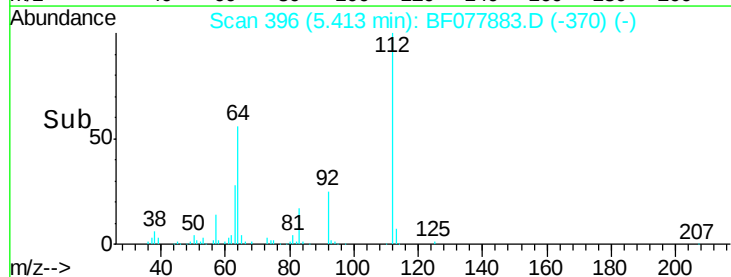
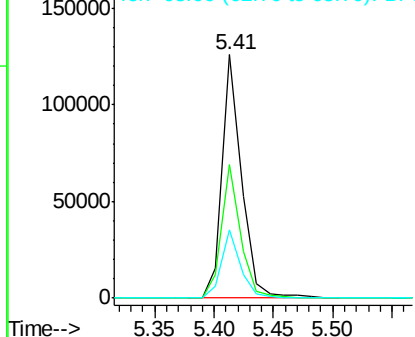
#5

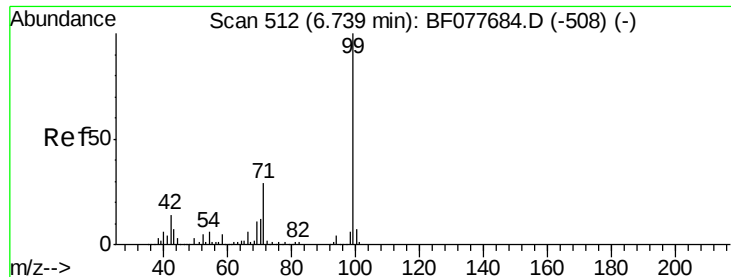
2-Fluorophenol
Concen: 59.80 ng
RT: 5.41 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF077883.D
Acq: 21 Mar 2015 1:40

Tgt Ion:112 Resp: 142854
Ion Ratio Lower Upper
112 100
64 55.0 38.6 57.8
63 28.0 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: 35.09 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

Instrument :

BNA_F

ClientSampleId :

MW-2

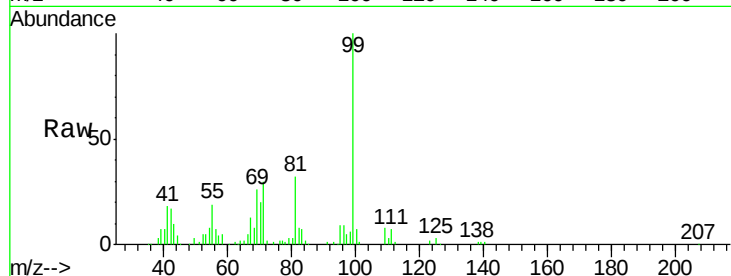
Tot Ion: 99 Resp: 103583

Ion Ratio Lower Upper

99 100

42 16.8 11.0 16.4#

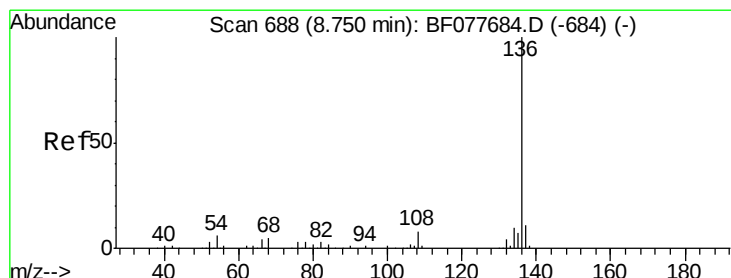
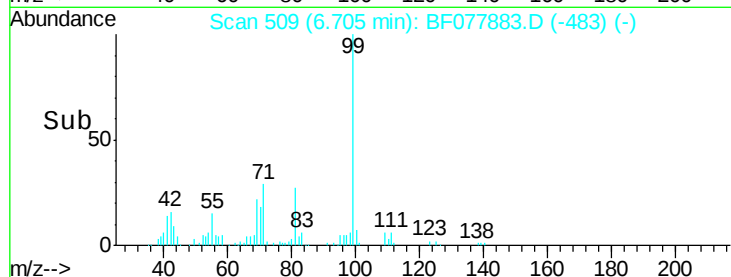
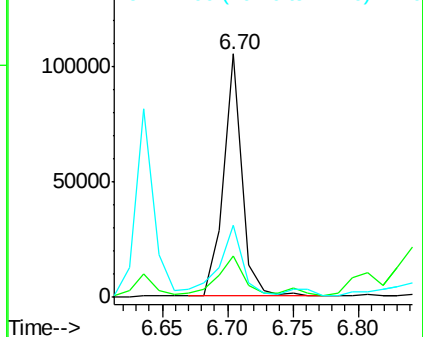
71 29.6 23.4 35.2



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: 8.72 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

Tgt Ion: 136 Resp: 123664

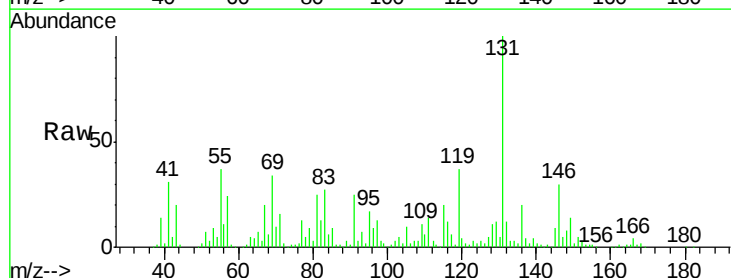
Ion Ratio Lower Upper

136 100

137 18.4 8.7 13.1#

54 27.7 4.6 6.8#

68 31.1 3.7 5.5#

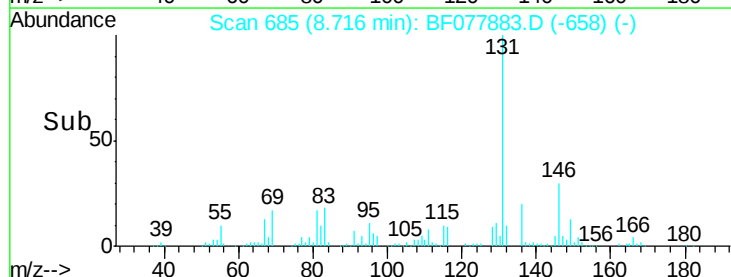
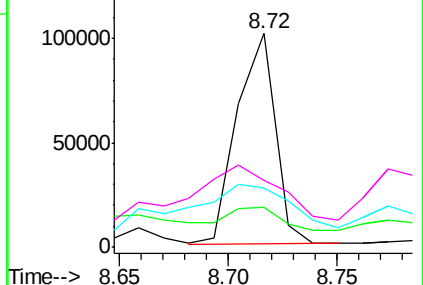


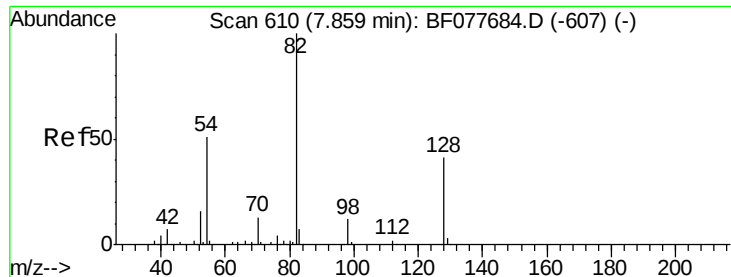
Abundance Ion 136.00 (135.70 to 136.70): E

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: 168.66 ng

RT: 7.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

Instrument :

BNA_F

ClientSampled :

MW-2

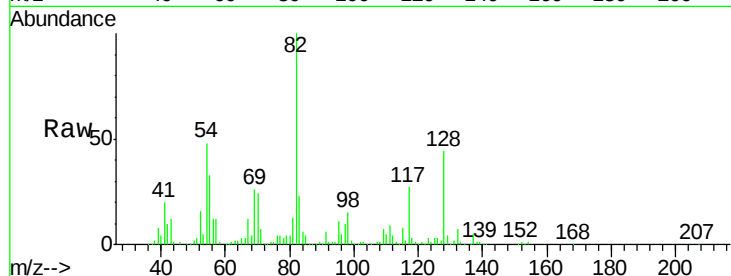
Tot Ion: 82 Resp: 318174

Ion Ratio Lower Upper

82 100

128 43.9 32.8 49.2

54 47.8 40.6 60.8

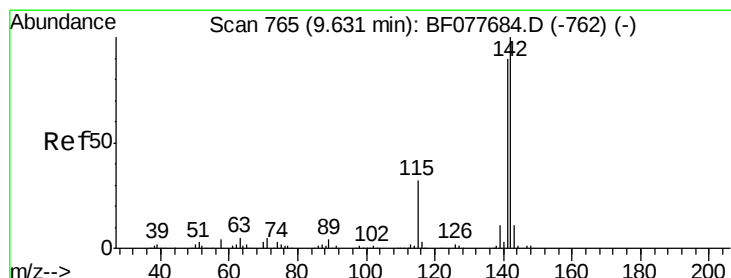
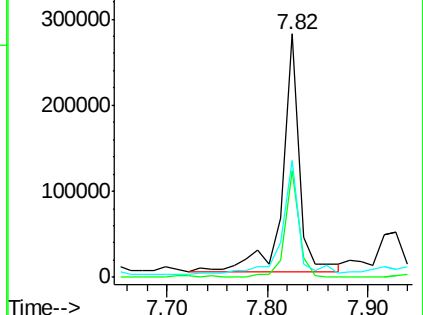
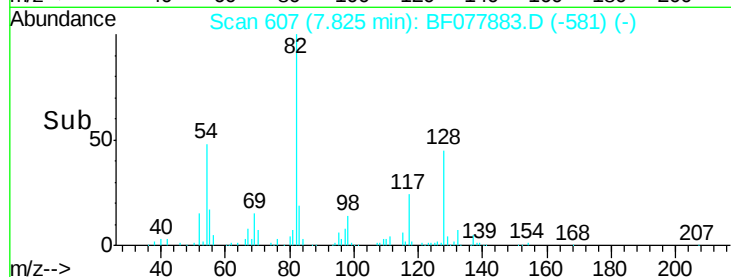


Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)

Time-->



#37

2-Methylnaphthalene

Concen: 123.41 ng

RT: 9.61 min Scan# 763

Delta R.T. 0.02 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

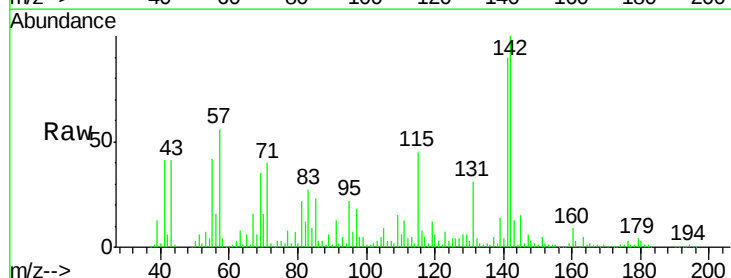
Tgt Ion: 142 Resp: 526561

Ion Ratio Lower Upper

142 100

141 90.1 71.9 107.9

115 44.8 25.4 38.0#

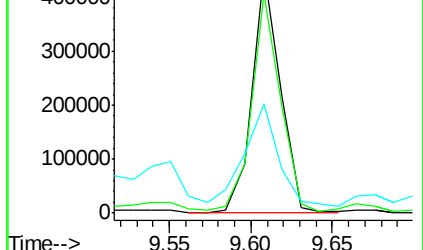
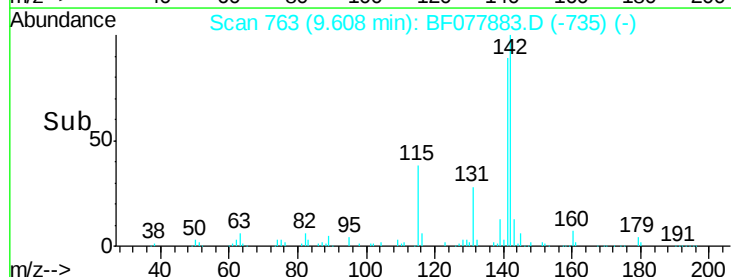


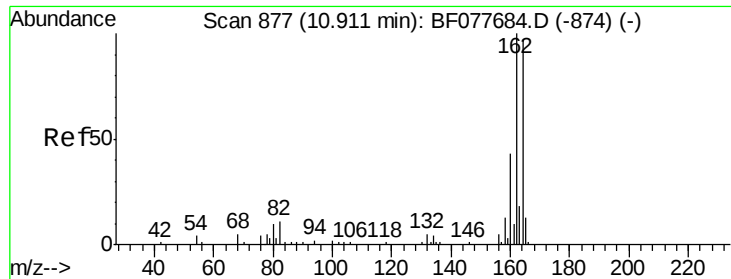
Abundance Ion 142.00 (141.70 to 142.70): BF077684.D (-762) (-)

Ion 141.00 (140.70 to 141.70): BF077684.D (-762) (-)

Ion 115.00 (114.70 to 115.70): BF077684.D (-762) (-)

Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.90 min Scan# 876

Delta R.T. 0.02 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

Instrument :

BNA_F

ClientSampleId :

MW-2

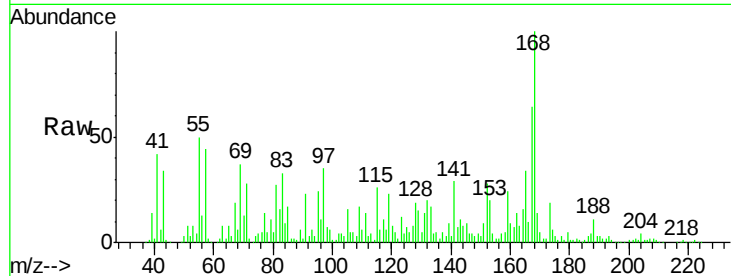
Tot Ion:164 Resp: 69331

Ion Ratio Lower Upper

164 100

162 87.7 82.4 123.6

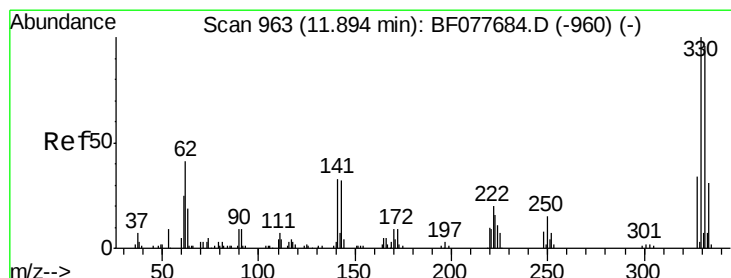
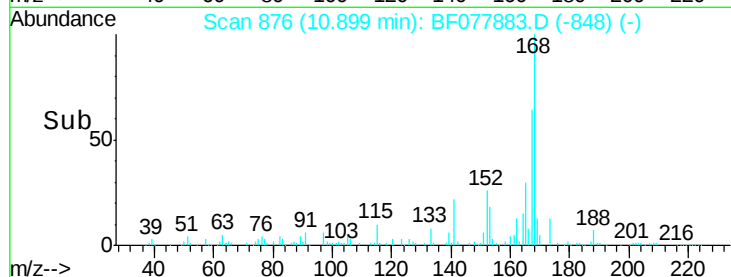
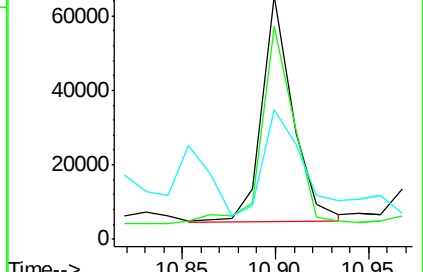
160 53.0 35.8 53.6



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: 120.59 ng

RT: 11.89 min Scan# 963

Delta R.T. 0.05 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

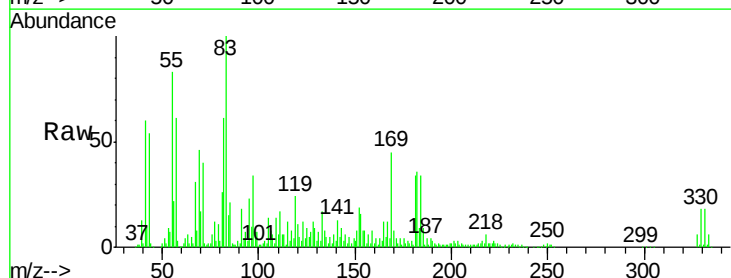
Tgt Ion:330 Resp: 79993

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

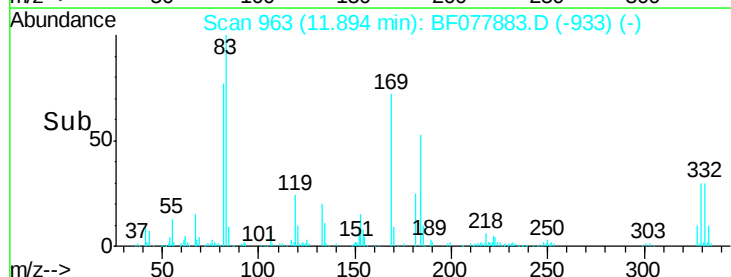
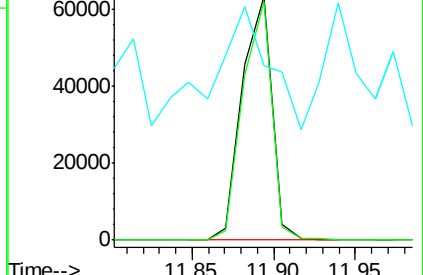
141 88.0 0.0 0.0#

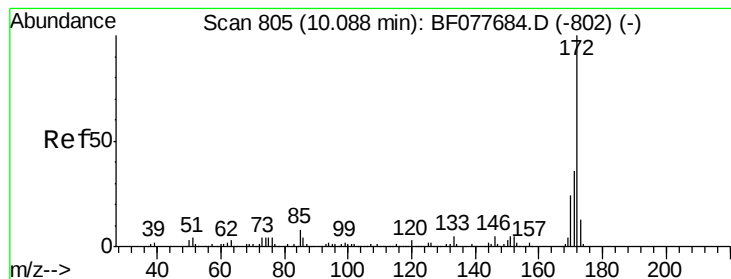


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 88.95 ng

RT: 10.06 min Scan# 803

Delta R.T. 0.01 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

Instrument :

BNA_F

ClientSampleId :

MW-2

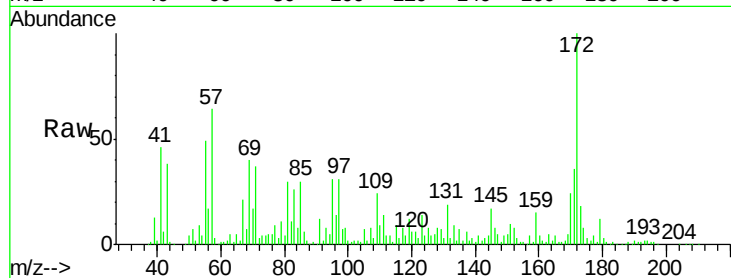
Tot Ion:172 Resp: 419632

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

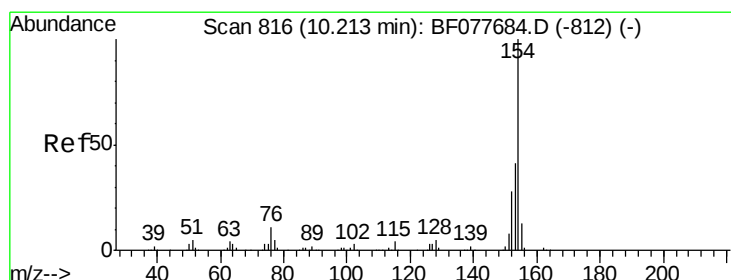
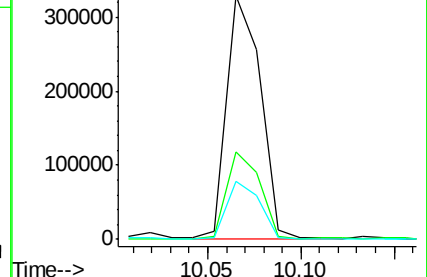
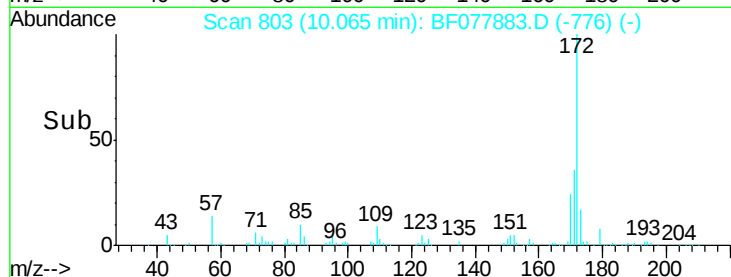
170 23.9 18.8 28.2



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



#45

1,1'-Biphenyl

Concen: 50.85 ng

RT: 10.19 min Scan# 814

Delta R.T. 0.02 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

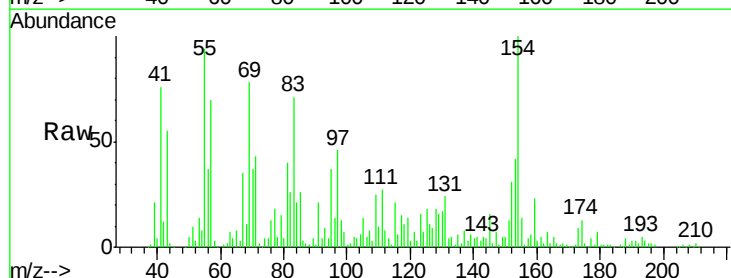
Tgt Ion:154 Resp: 281839

Ion Ratio Lower Upper

154 100

153 42.1 20.7 60.7

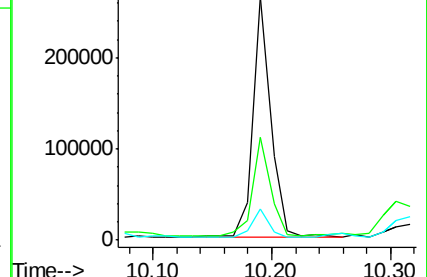
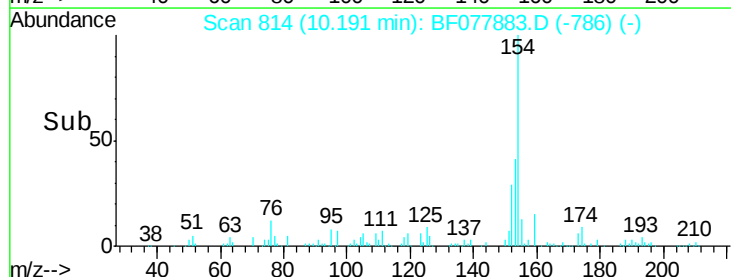
76 12.6 0.0 30.9

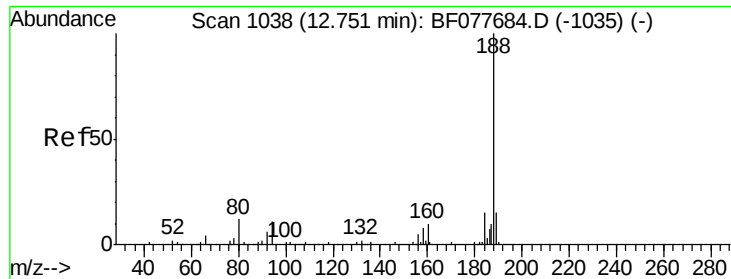


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.74 min Scan# 1037

Delta R.T. 0.03 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

Instrument :

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ClientSampleId :

MW-2

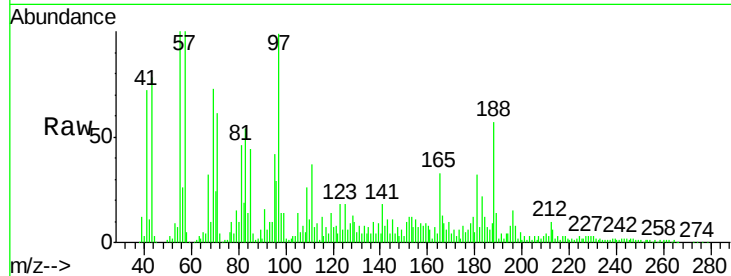
Tot Ion:188 Resp: 120610

Ion Ratio Lower Upper

188 100

94 17.2 8.7 13.1#

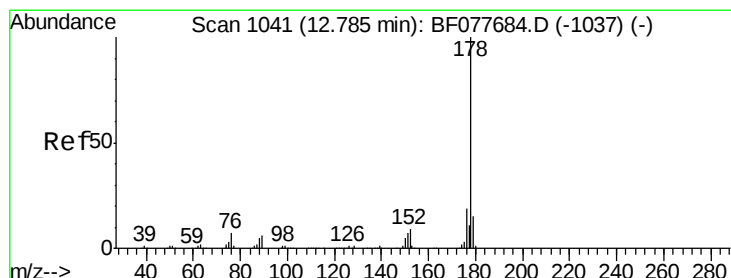
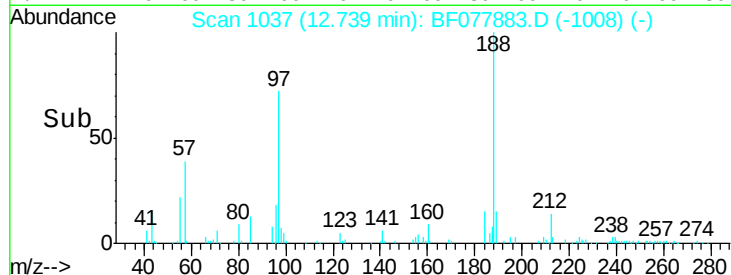
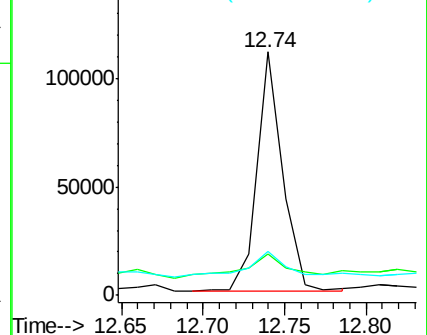
80 18.2 9.3 13.9#



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



#70

Phenanthrene

Concen: 133.78 ng

RT: 12.77 min Scan# 1040

Delta R.T. 0.03 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

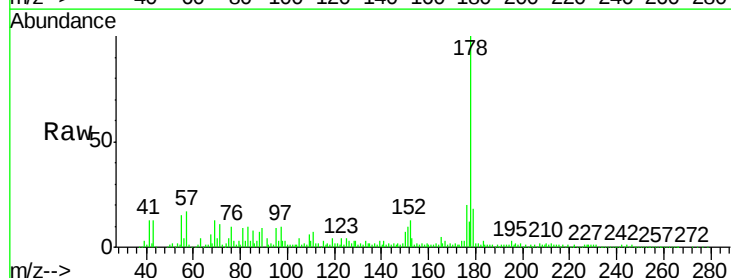
Tgt Ion:178 Resp: 926261

Ion Ratio Lower Upper

178 100

176 20.0 15.2 22.8

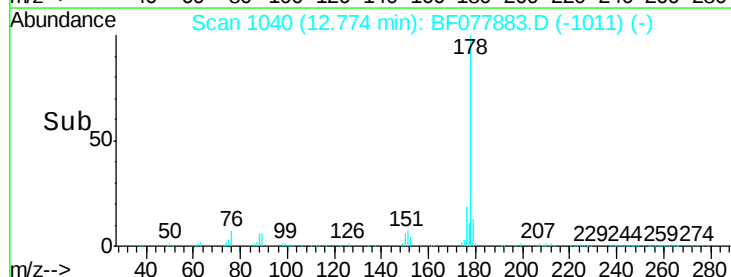
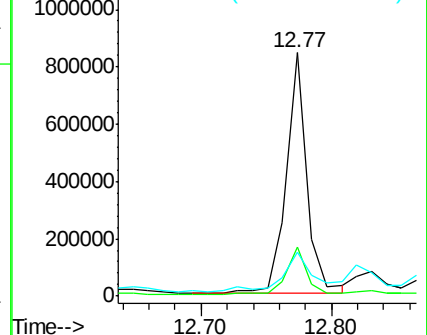
179 18.0 12.1 18.1

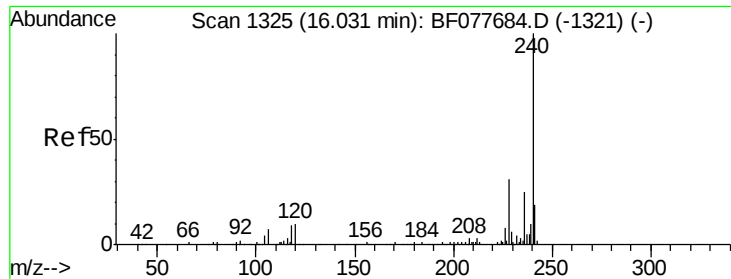


Abundance Ion 178.00 (177.70 to 178.70): E

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: BF077883.D

Acq: 21 Mar 2015 1:40

Instrument :

BNA_F

ClientSampleId :

MW-2

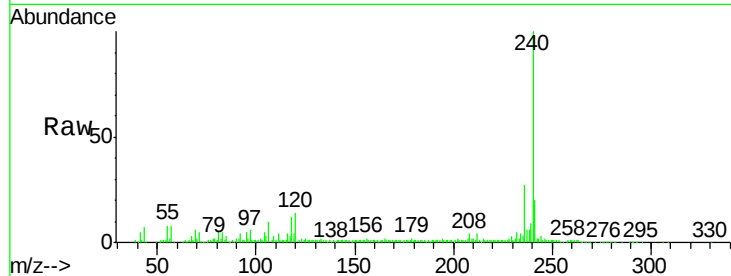
Tot Ion:240 Resp: 170025

Ion Ratio Lower Upper

240 100

120 14.1 8.2 12.2#

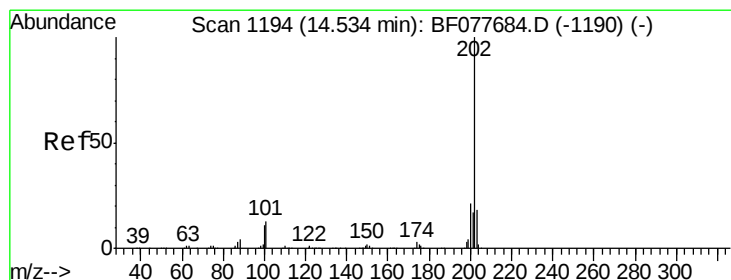
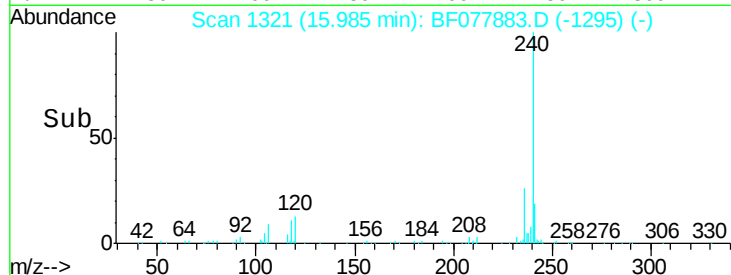
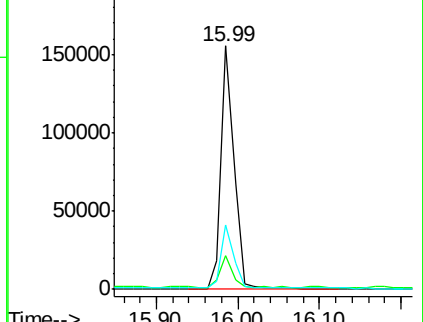
236 26.6 20.0 30.0



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

Pyrene

Concen: 11.99 ng m

RT: 14.51 min Scan# 1192

Delta R.T. 0.02 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

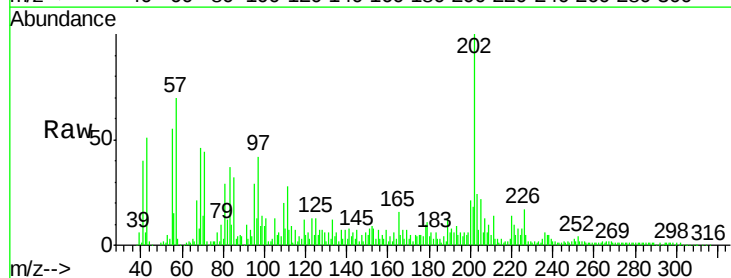
Tgt Ion:202 Resp: 128227

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

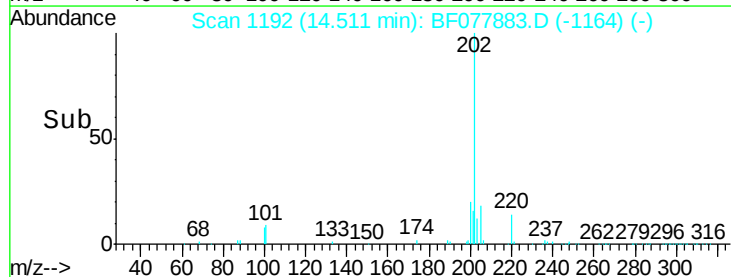
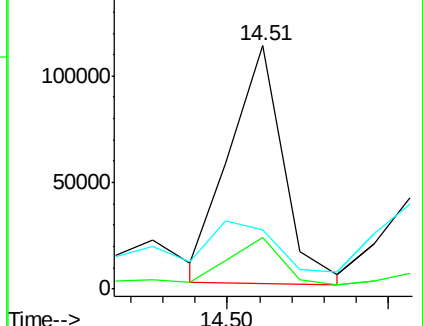
203 24.3 14.1 21.1#

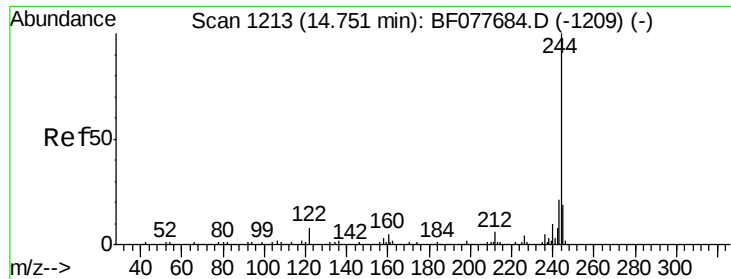


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.76 ng

RT: 14.72 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

Instrument :

BNA_F

ClientSampleId :

MW-2

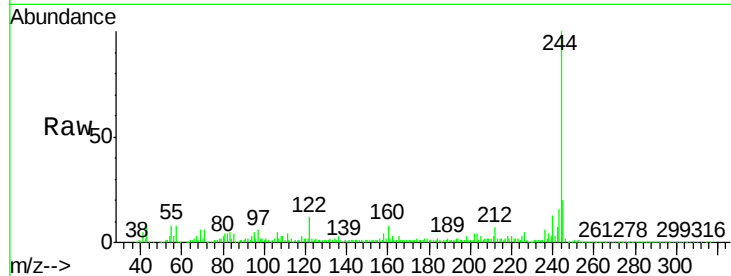
Tot Ion:244 Resp: 555149

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 12.1 6.2 9.4#

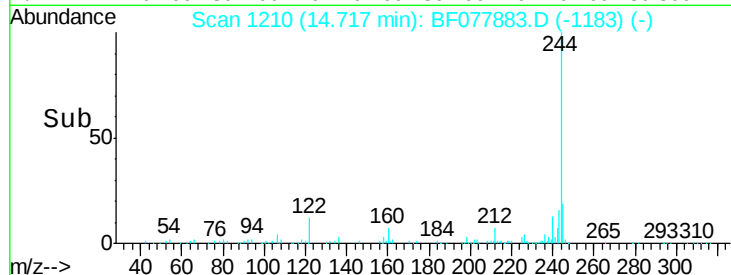


Abundance Ion 244.00 (243.70 to 244.70): E

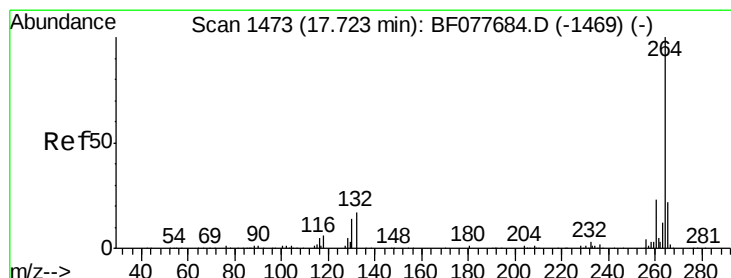
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

14.72



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.68 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BF077883.D

Acq: 21 Mar 2015 1:40

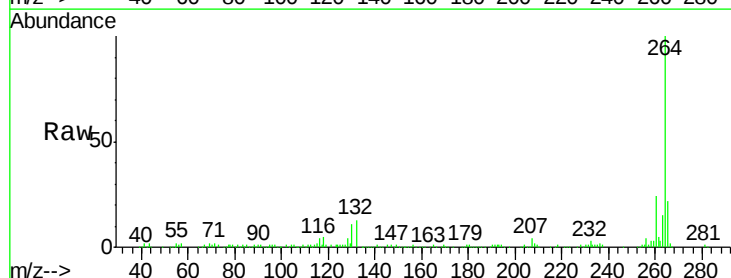
Tgt Ion:264 Resp: 172956

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.9 17.3 25.9

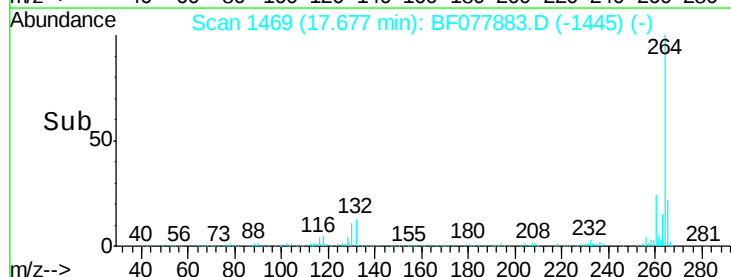


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

17.68



Time-->