

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077764.D
 Acq On : 16 Mar 2015 20:38
 Operator : TP/IZ
 Sample : G1533-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-08A

Quant Time: Mar 17 00:08:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 00:51:27 2015
 Response via : Initial Calibration

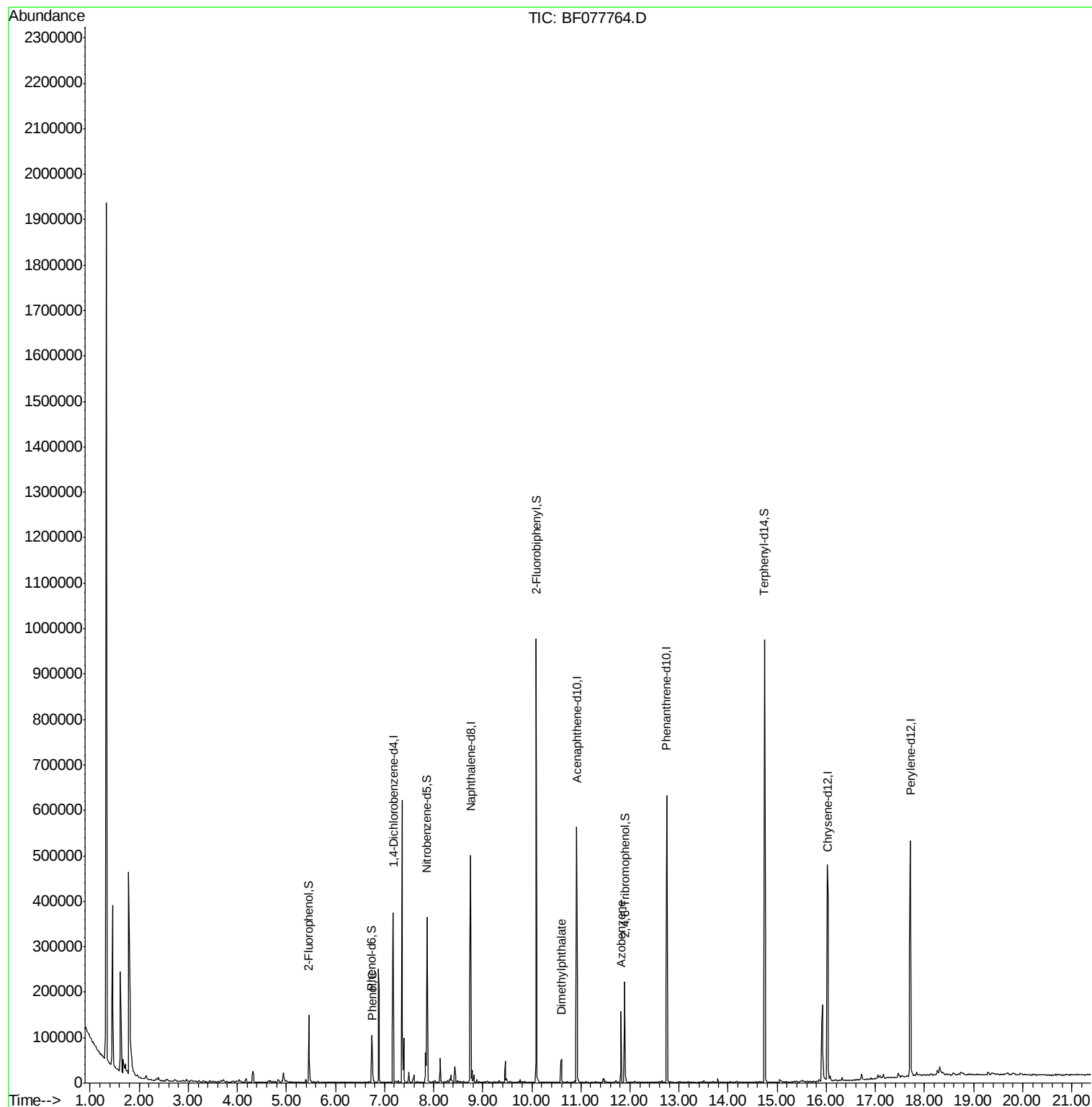
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	61239	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	250567	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	127417	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	256670	20.00	ng	0.00
75) Chrysene-d12	16.03	240	252263	20.00	ng	0.00
86) Perylene-d12	17.71	264	247404	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	50347	14.35	ng	0.00
7) Phenol-d6	6.74	99	38846	8.96	ng	0.00
23) Nitrobenzene-d5	7.86	82	145714	38.12	ng	-0.01
41) 2,4,6-Tribromophenol	11.89	330	34323	28.15	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	331759	38.26	ng	0.00
78) Terphenyl-d14	14.74	244	355861	34.46	ng	-0.01
Target Compounds						
10) Phenol	6.75	94	10384	2.03	ng	# 75
49) Dimethylphthalate	10.60	163	36852	3.90	ng	99
62) Azobenzene	11.81	77	28355	3.22	ng	# 1

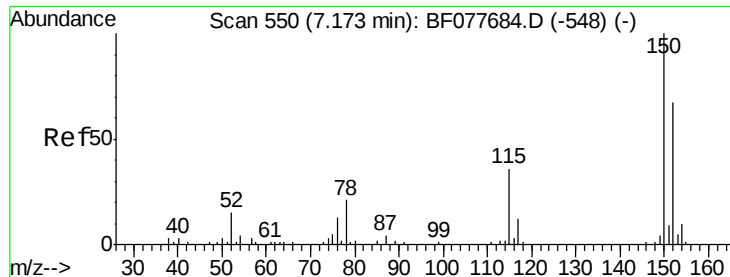
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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QLast Update : Tue Mar 17 00:51:27 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077684.D

Acq: 16 Mar 2015 20:38

Instrument :

BNA_F

ClientSampleId :

FYMW-08A

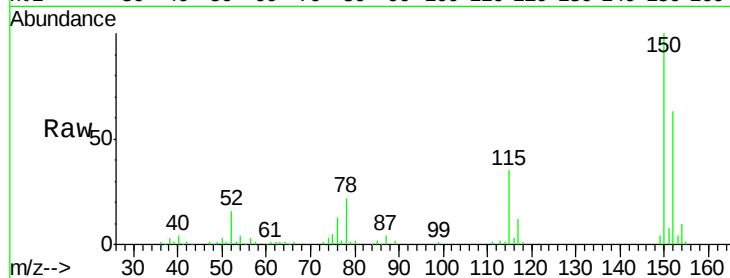
Tgt Ion:152 Resp: 61239

Ion Ratio Lower Upper

152 100

150 158.4 119.5 179.3

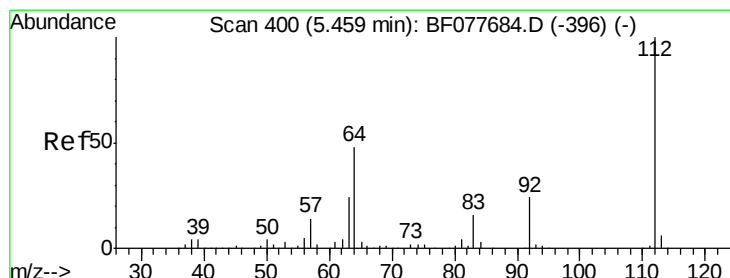
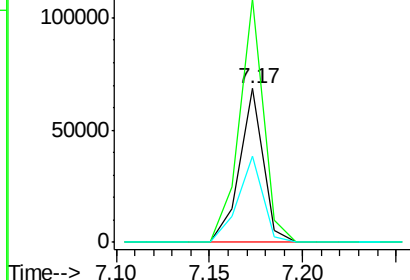
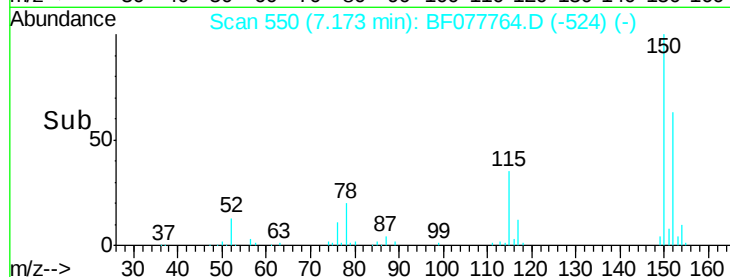
115 55.9 43.0 64.4



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: 14.35 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077684.D

Acq: 16 Mar 2015 20:38

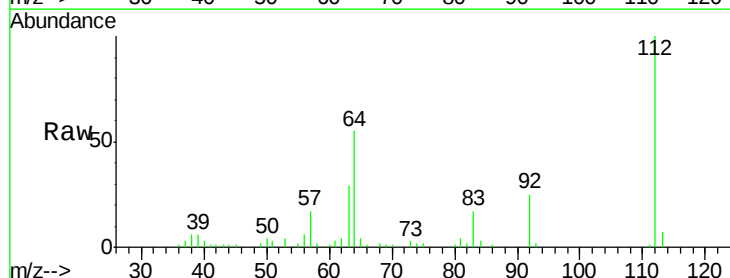
Tgt Ion:112 Resp: 50347

Ion Ratio Lower Upper

112 100

64 55.4 38.6 57.8

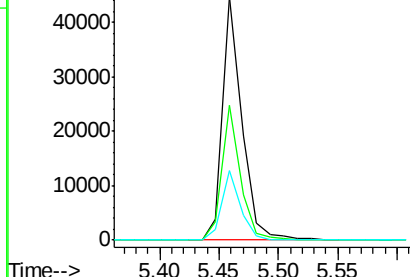
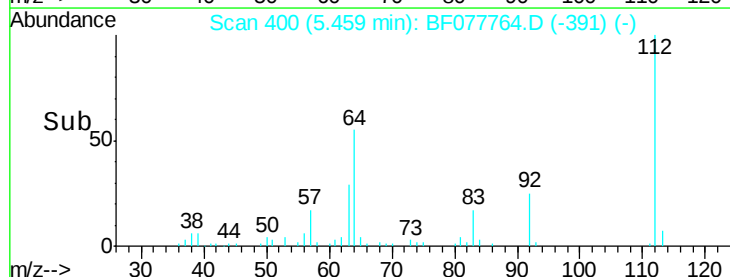
63 28.7 19.3 28.9

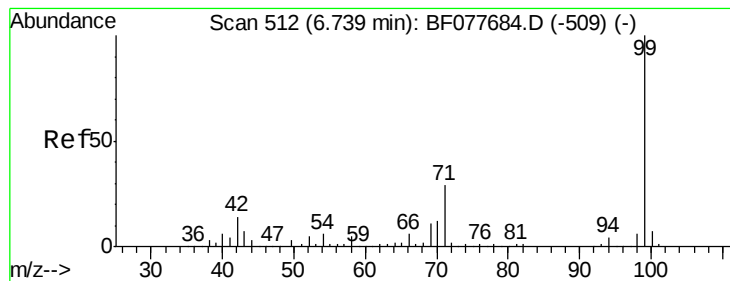


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 8.96 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077684.D

Acq: 16 Mar 2015 20:38

Instrument :

BNA_F

ClientSampled :

FYMW-08A

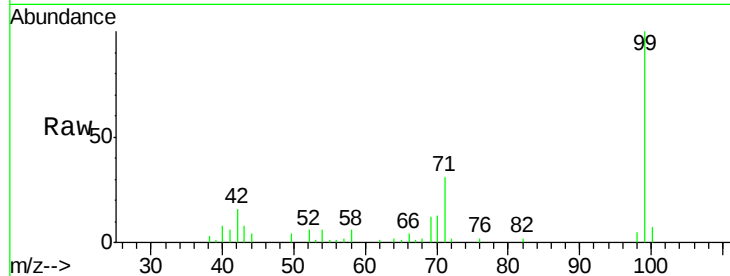
Tgt Ion: 99 Resp: 38846

Ion Ratio Lower Upper

99 100

42 15.8 11.0 16.4

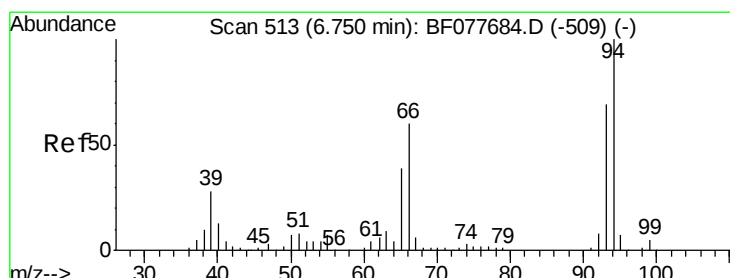
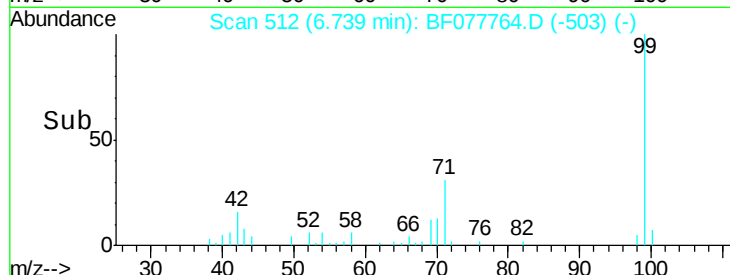
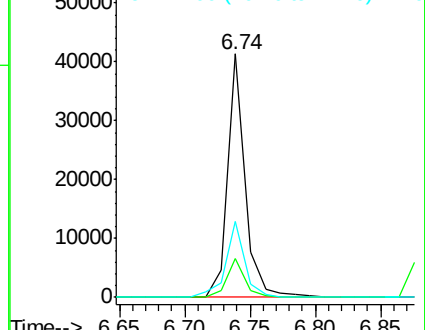
71 31.0 23.4 35.2



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: 2.03 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF077684.D

Acq: 16 Mar 2015 20:38

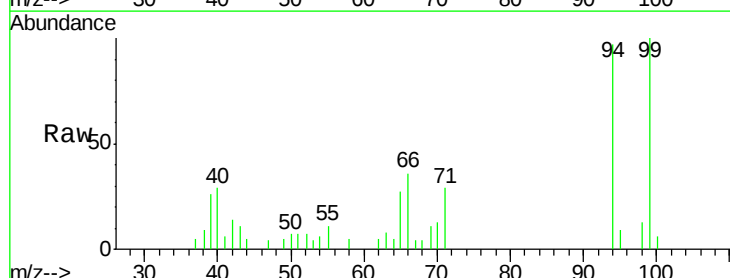
Tgt Ion: 94 Resp: 10384

Ion Ratio Lower Upper

94 100

65 28.0 18.8 58.8

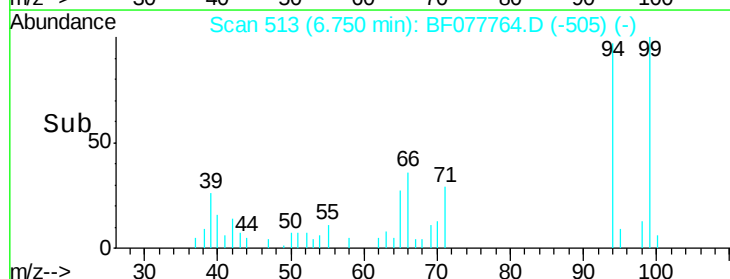
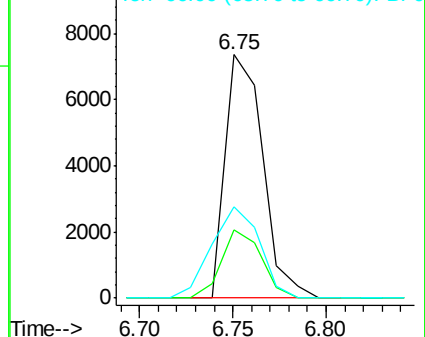
66 37.3 39.9 79.9#

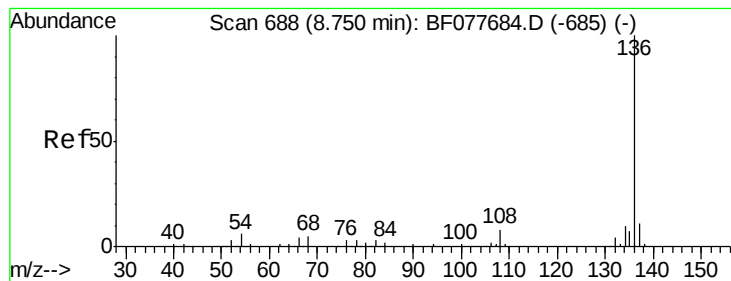


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077684.D

Acq: 16 Mar 2015 20:38

Instrument :

BNA_F

ClientSampleId :

FYMW-08A

Tgt Ion:136 Resp: 250567

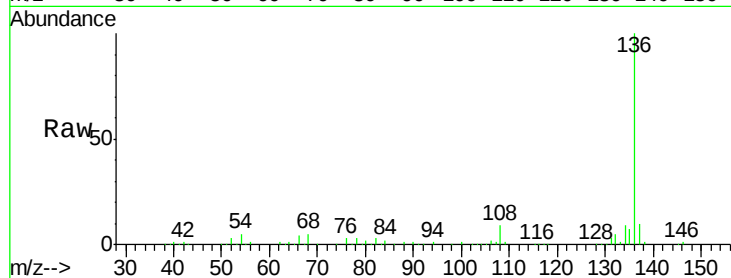
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.4 4.6 6.8

68 4.7 3.7 5.5

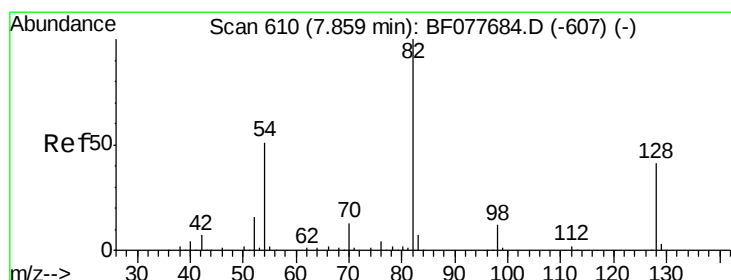
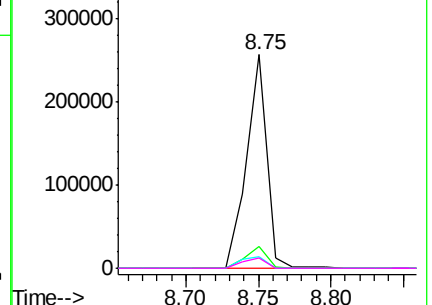
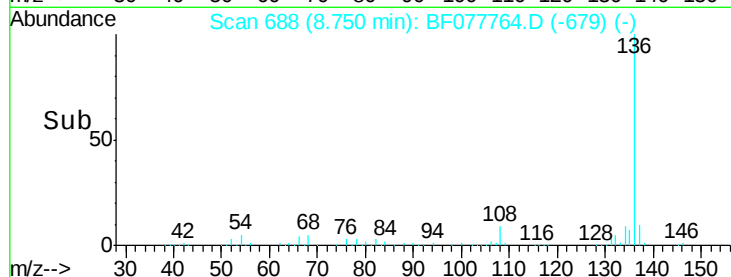


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.12 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF077684.D

Acq: 16 Mar 2015 20:38

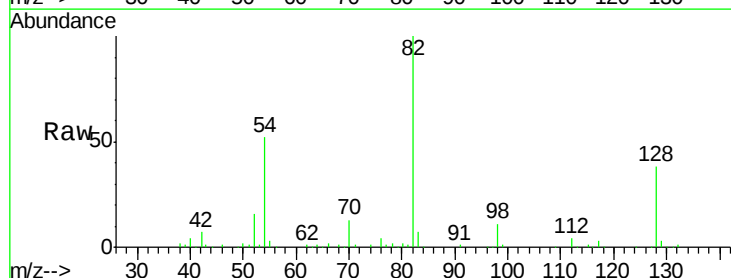
Tgt Ion: 82 Resp: 145714

Ion Ratio Lower Upper

82 100

128 38.1 32.8 49.2

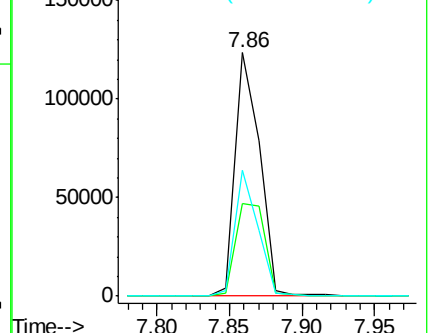
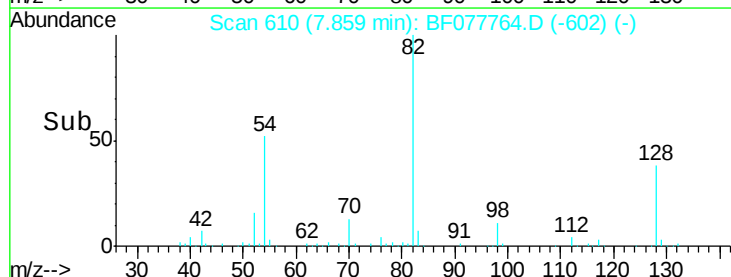
54 52.0 40.6 60.8

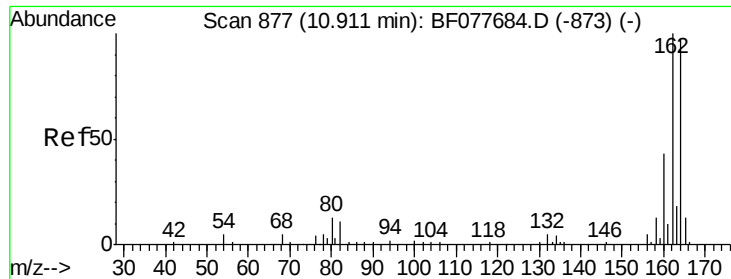


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

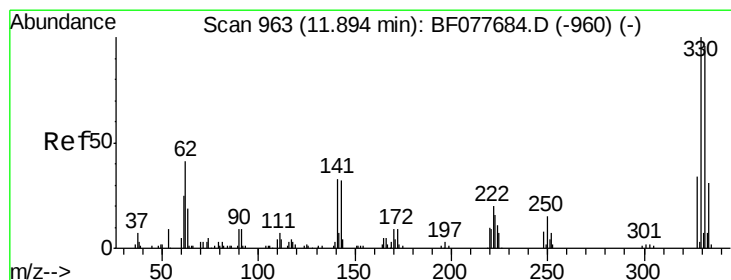
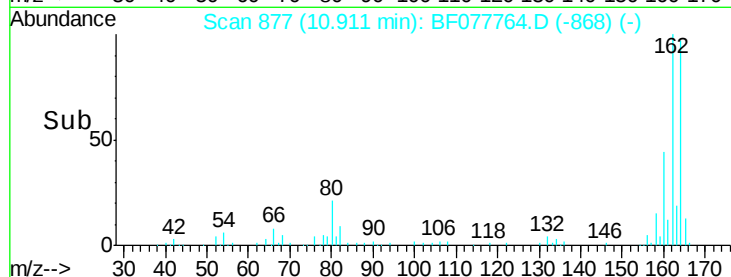
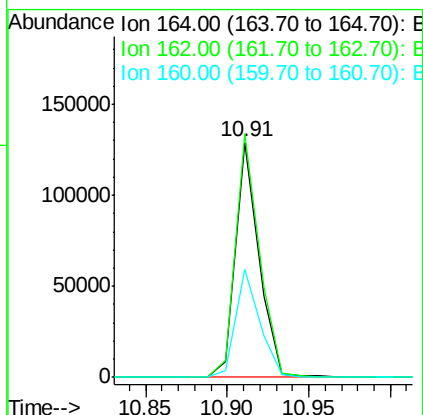
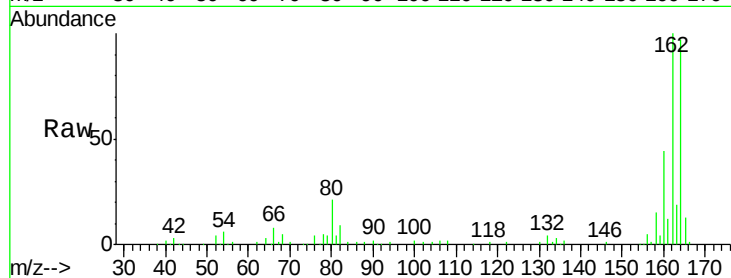




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077764.D
 Acq: 16 Mar 2015 20:38

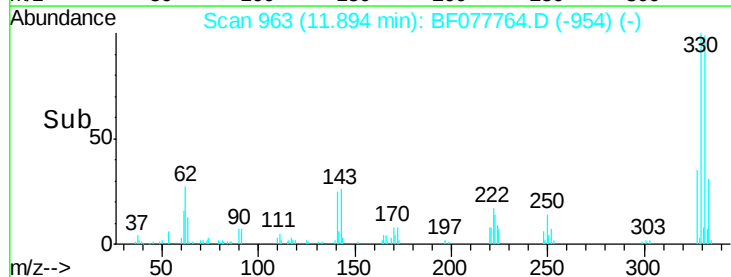
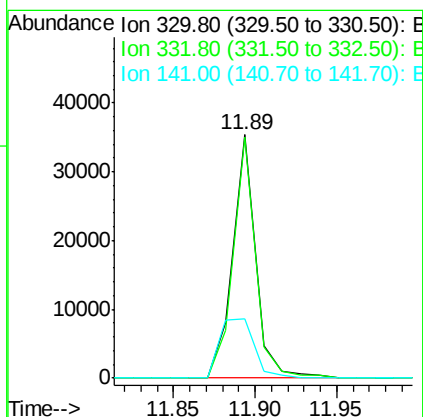
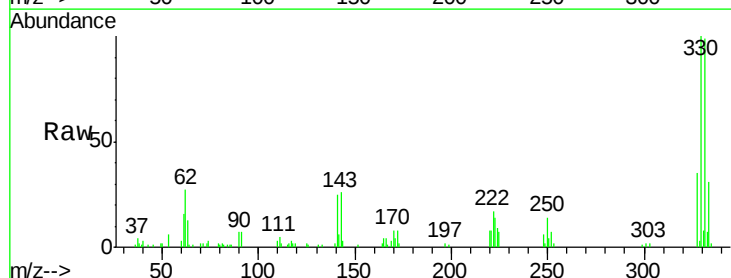
Instrument :
 BNA_F
 ClientSampleId :
 FYMW-08A

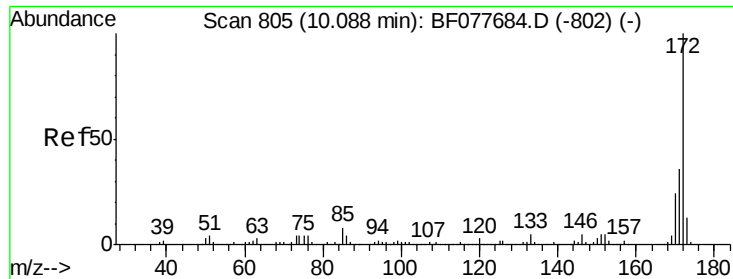
Tgt Ion:164 Resp: 127417
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.4 123.6
 160 45.8 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 28.15 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077764.D
 Acq: 16 Mar 2015 20:38

Tgt Ion:330 Resp: 34323
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 36.9 0.0 0.0#

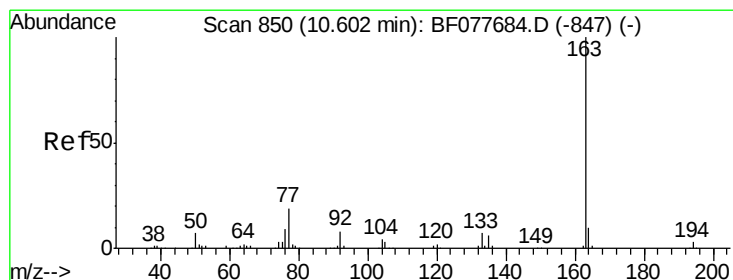
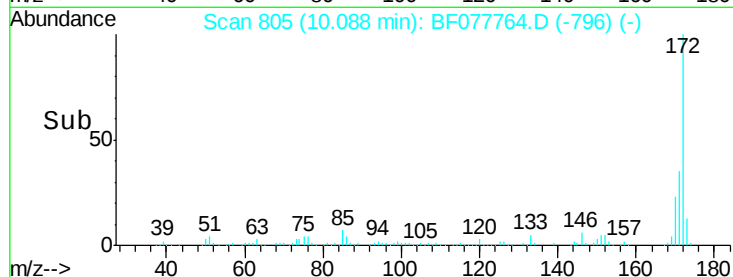
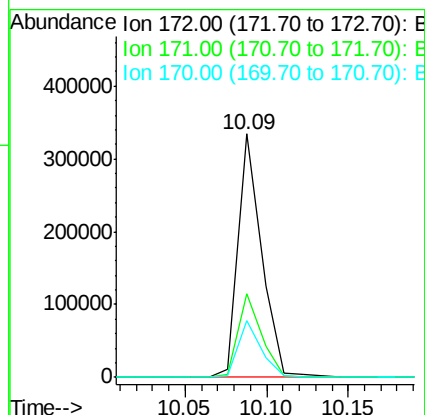
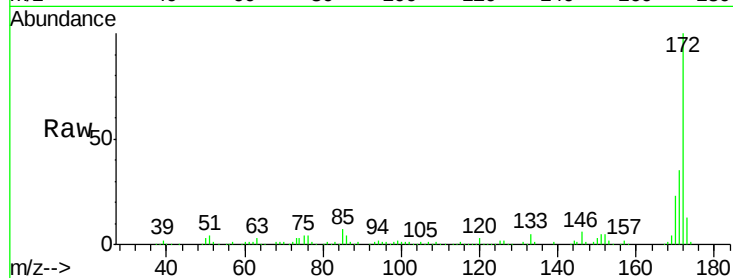




#44
2-Fluorobiphenyl
Concen: 38.26 ng
RT: 10.09 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF077764.D
Acq: 16 Mar 2015 20:38

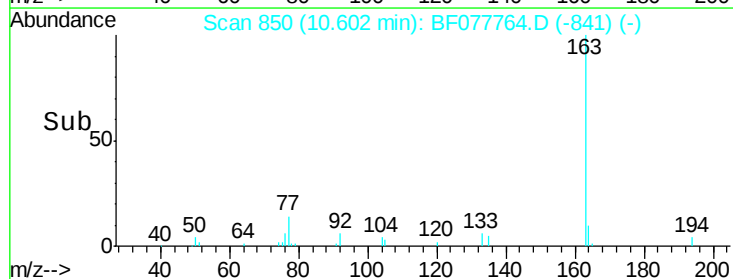
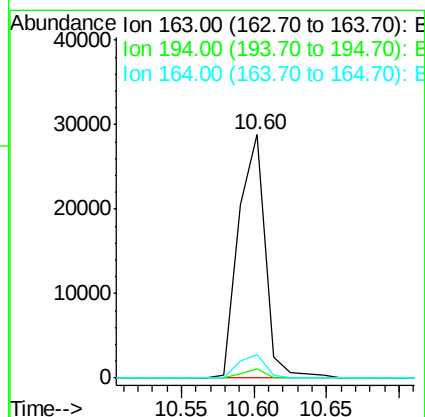
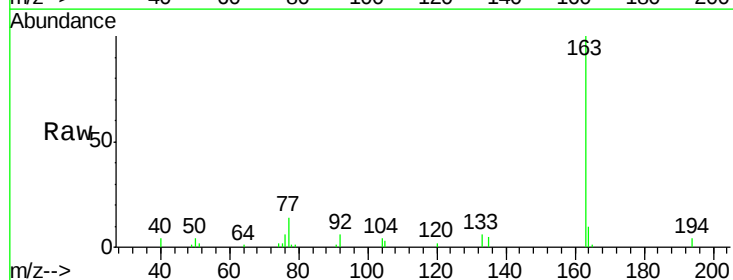
Instrument :
BNA_F
ClientSampleId :
FYMW-08A

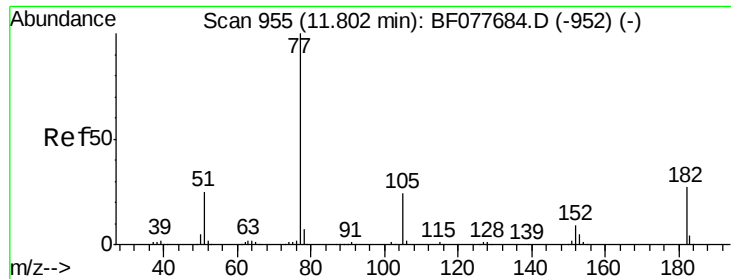
Tgt Ion:172 Resp: 331759
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.4 18.8 28.2



#49
Dimethylphthalate
Concen: 3.90 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077764.D
Acq: 16 Mar 2015 20:38

Tgt Ion:163 Resp: 36852
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.8 8.2 12.2





#62

Azobenzene

Concen: 3.22 ng

RT: 11.81 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF077764.D

Acq: 16 Mar 2015 20:38

Instrument :

BNA_F

ClientSampleId :

FYMW-08A

Tgt Ion: 77 Resp: 28355

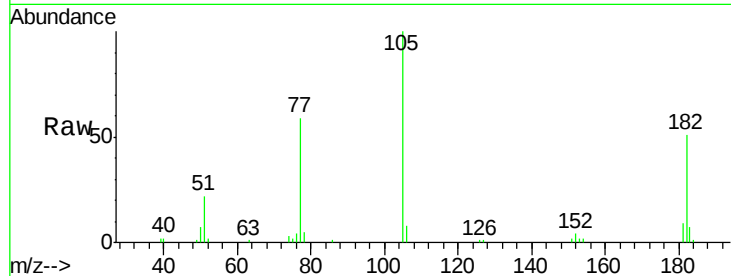
Ion Ratio Lower Upper

77 100

182 86.5 6.5 46.5#

105 169.0 3.8 43.8#

51 36.7 5.5 45.5

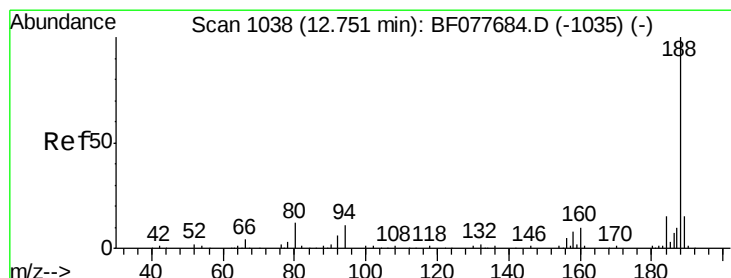
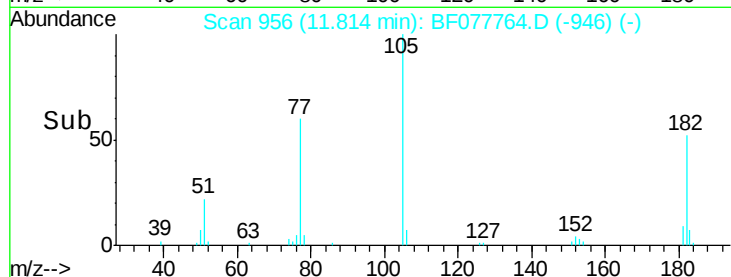
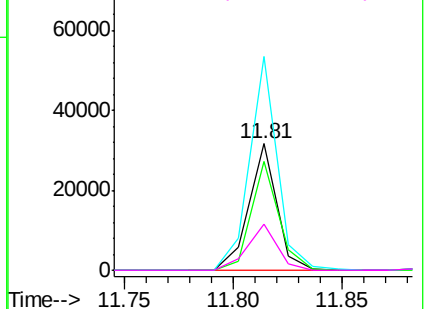


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.75 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF077764.D

Acq: 16 Mar 2015 20:38

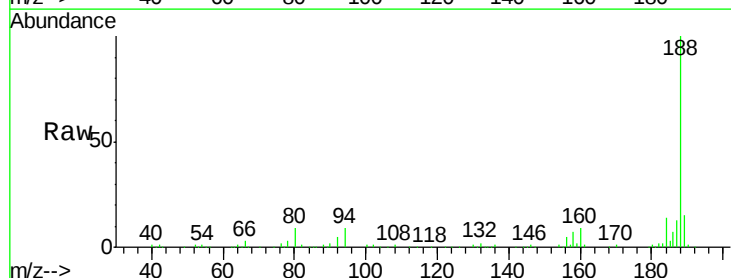
Tgt Ion: 188 Resp: 256670

Ion Ratio Lower Upper

188 100

94 8.8 8.7 13.1

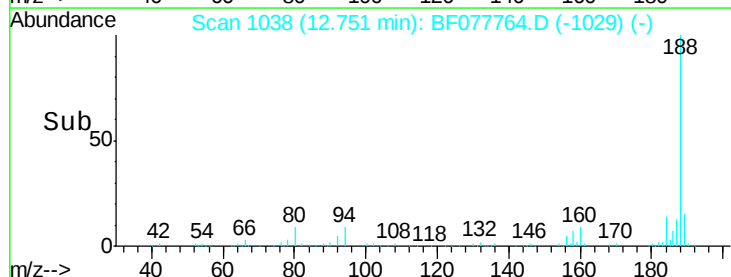
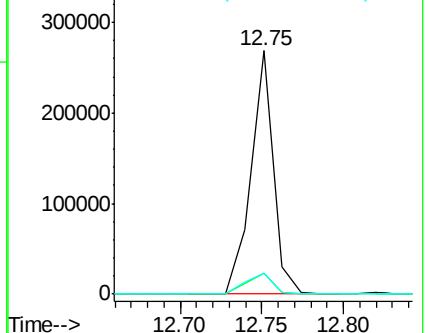
80 8.8 9.3 13.9#

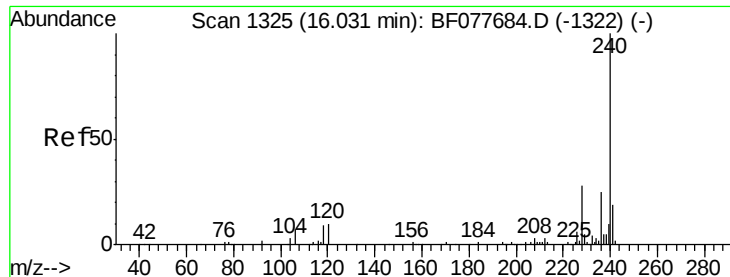


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF077764.D

Acq: 16 Mar 2015 20:38

Instrument :

BNA_F

ClientSampleId :

FYMW-08A

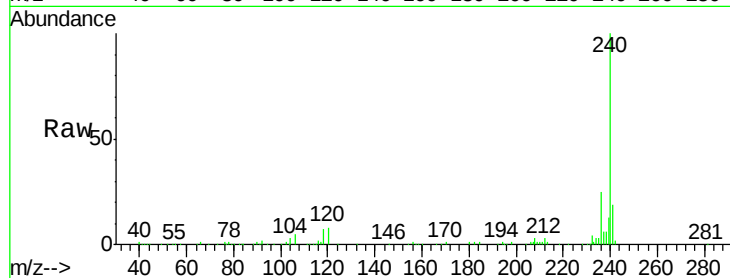
Tgt Ion:240 Resp: 252263

Ion Ratio Lower Upper

240 100

120 7.7 8.2 12.2#

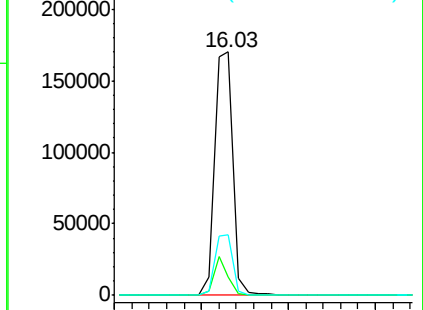
236 24.7 20.0 30.0



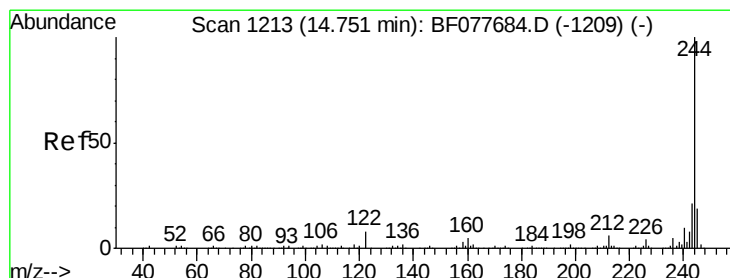
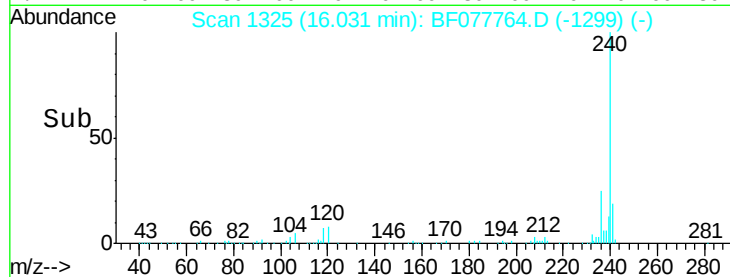
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 15.90 16.00 16.10 16.20



#78

Terphenyl-d14

Concen: 34.46 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF077764.D

Acq: 16 Mar 2015 20:38

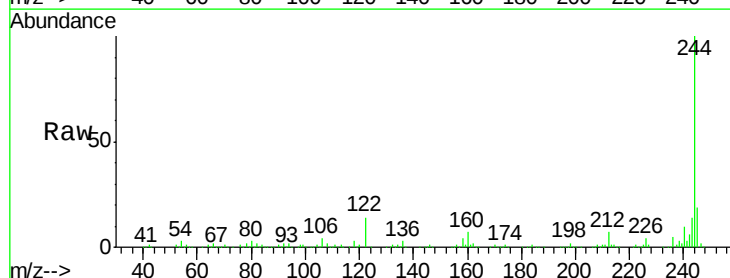
Tgt Ion:244 Resp: 355861

Ion Ratio Lower Upper

244 100

212 6.6 4.9 7.3

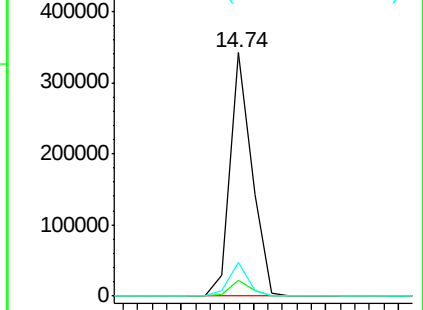
122 13.7 6.2 9.4#



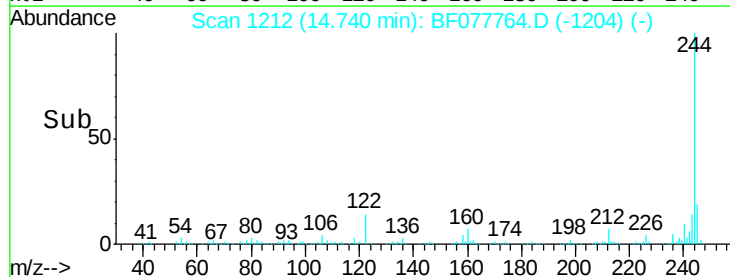
Abundance Ion 244.00 (243.70 to 244.70): E

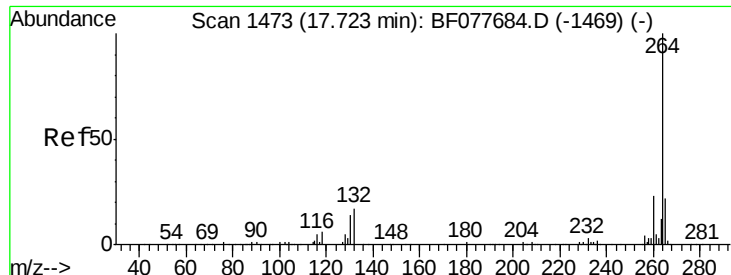
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 14.70 14.75 14.80

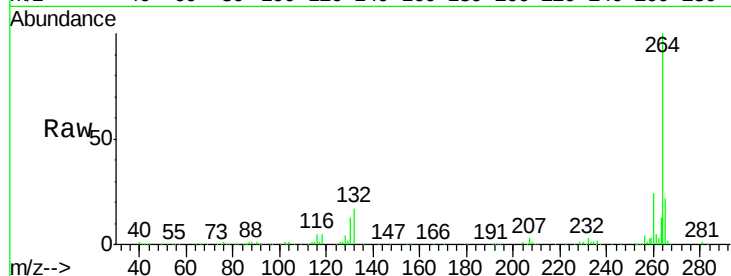




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1472
Delta R.T. -0.05 min
Lab File: BF077764.D
Acq: 16 Mar 2015 20:38

Instrument :
BNA_F
ClientSampleId :
FYMW-08A

Tgt Ion: 264 Resp: 247404
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 22.2 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

