

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
 Data File : BF076804.D
 Acq On : 10 Jan 2015 1:40
 Operator : IZ / TP
 Sample : G1052-05
 Misc : W DOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0409B

Quant Time: Jan 10 03:54:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 10 00:03:10 2015
 Response via : Initial Calibration

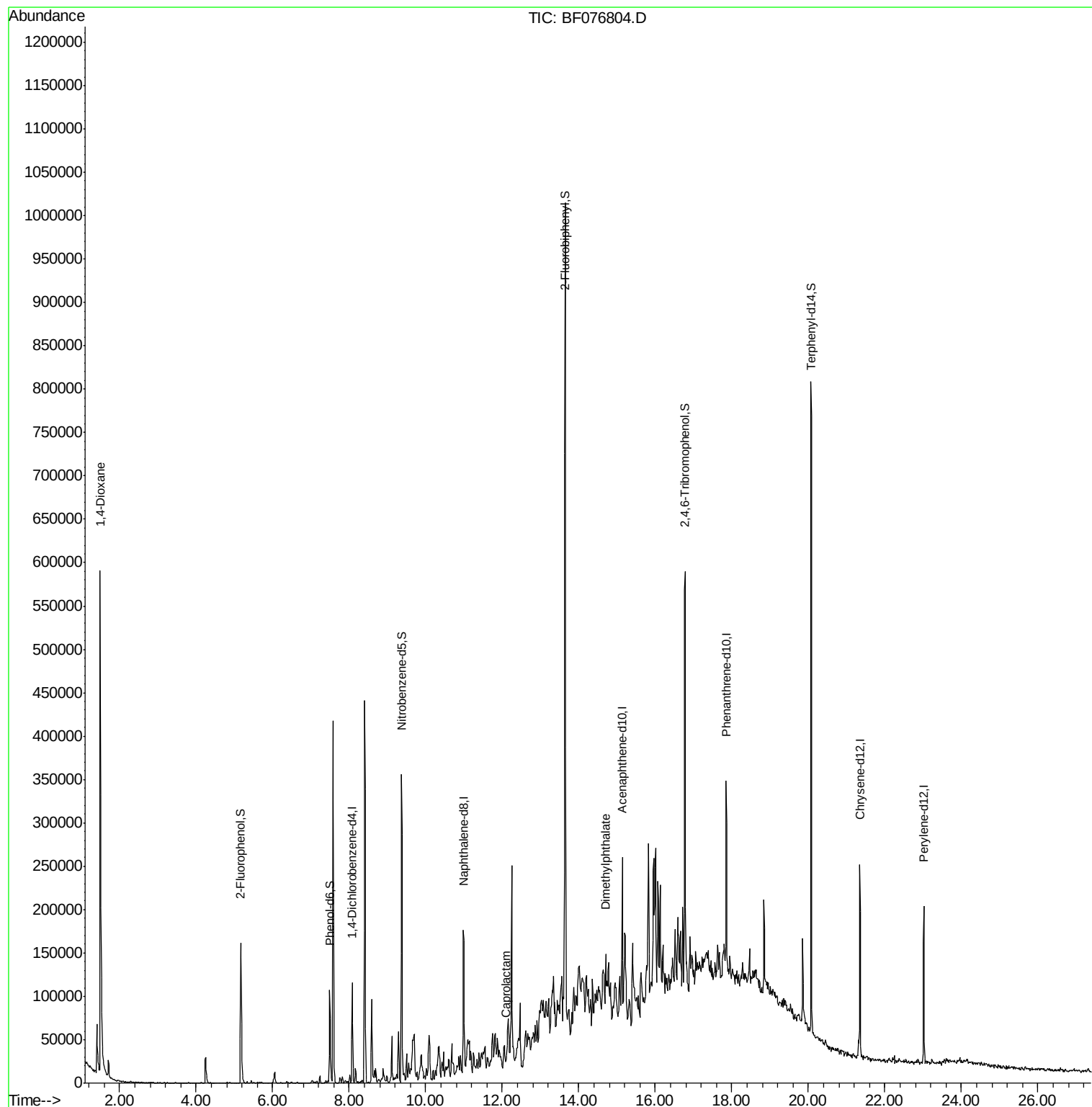
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	26970	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	120205	20.00	ng	-0.01
38) Acenaphthene-d10	15.13	164	68061	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	105038	20.00	ng	0.00
75) Chrysene-d12	21.34	240	103978	20.00	ng	-0.01
86) Perylene-d12	23.02	264	91462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	91853	56.02	ng	-0.01
7) Phenol-d6	7.49	99	64635	31.29	ng	-0.01
23) Nitrobenzene-d5	9.37	82	192478	87.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.78	330	68919	118.18	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	379832	81.21	ng	0.00
78) Terphenyl-d14	20.08	244	350357	72.58	ng	0.01
Target Compounds						
2) 1,4-Dioxane	1.49	88	25251	36.64	ng	# 14
35) Caprolactam	12.09	113	1001	2.09	ng	# 1
49) Dimethylphthalate	14.71	163	19626	3.93	ng	# 94

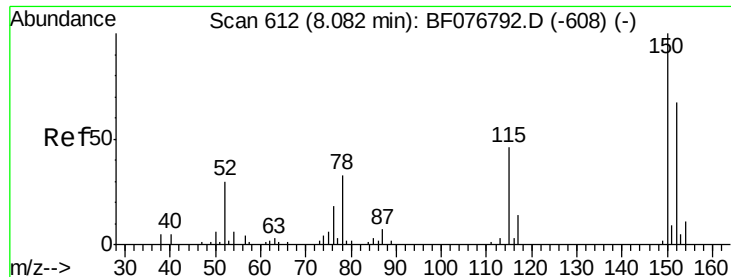
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF076804.D

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BNA_F

ClientSampleId :

S8-0409B

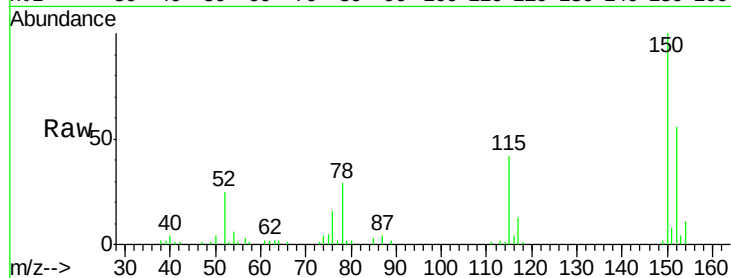
Tgt Ion:152 Resp: 26970

Ion Ratio Lower Upper

152 100

150 180.0 119.5 179.3#

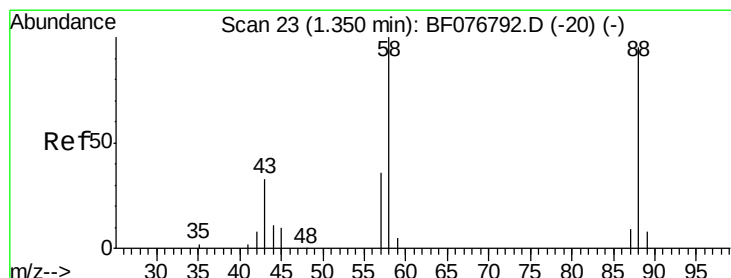
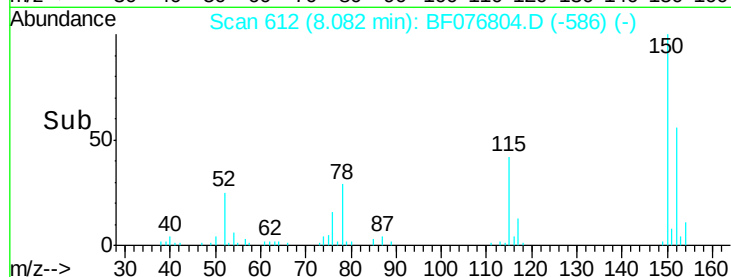
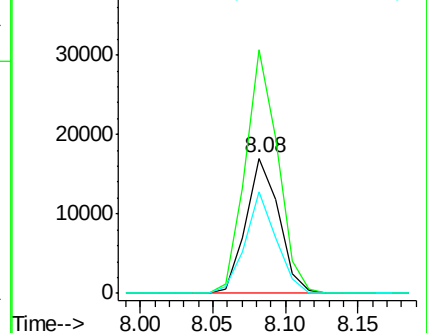
115 74.8 54.6 81.8



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



#2

1,4-Dioxane

Concen: 36.64 ng

RT: 1.49 min Scan# 35

Delta R.T. 0.14 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

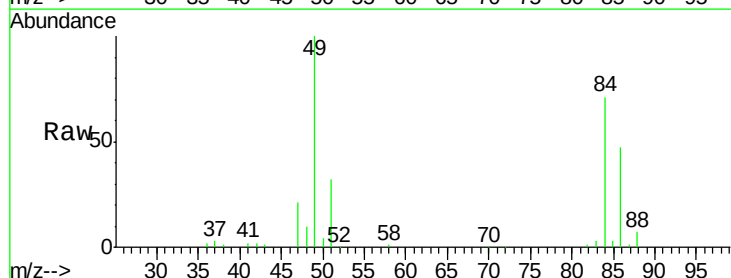
Tgt Ion: 88 Resp: 25251

Ion Ratio Lower Upper

88 100

58 0.0 72.4 108.6#

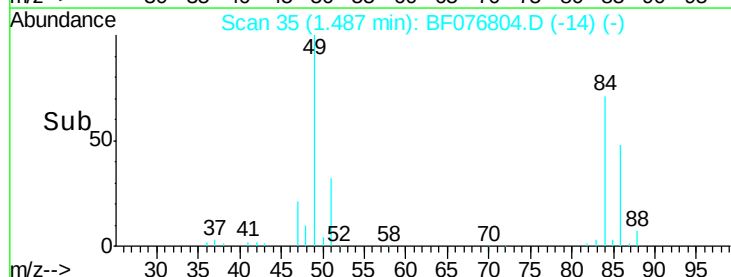
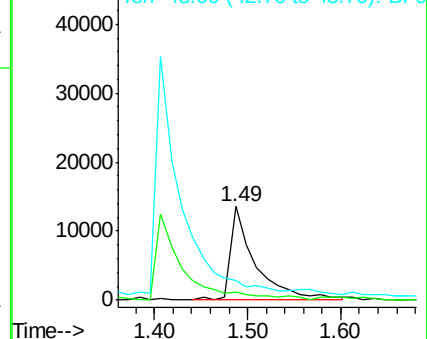
43 0.0 24.0 36.0#

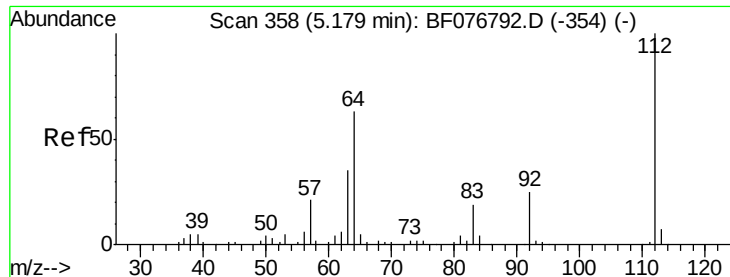


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 56.02 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076804.D

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Instrument :

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ClientSampleId :

S8-0409B

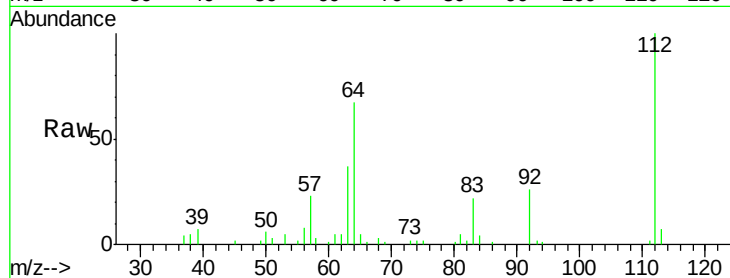
Tgt Ion: 112 Resp: 91853

Ion Ratio Lower Upper

112 100

64 66.7 50.2 75.4

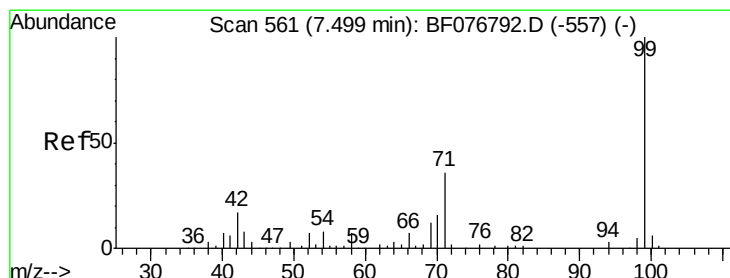
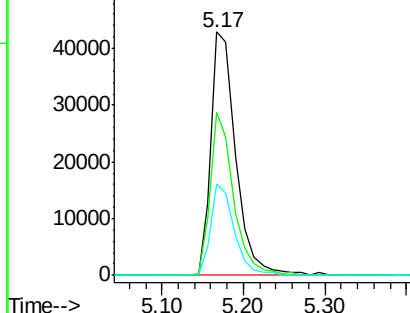
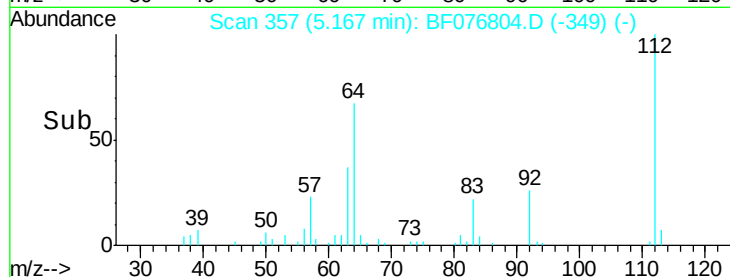
63 37.4 27.8 41.6



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: 31.29 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

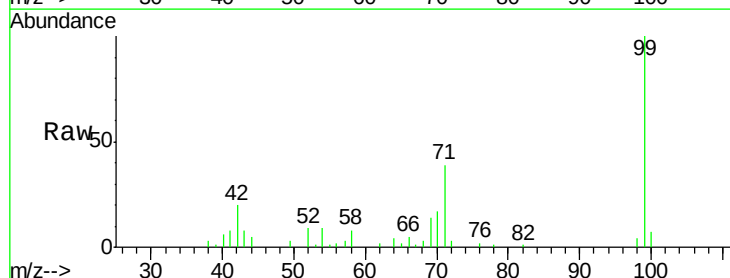
Tgt Ion: 99 Resp: 64635

Ion Ratio Lower Upper

99 100

42 20.1 13.3 19.9#

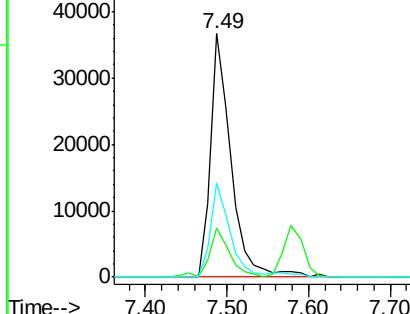
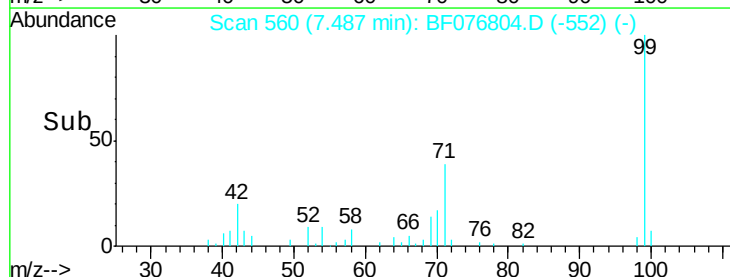
71 38.5 29.2 43.8

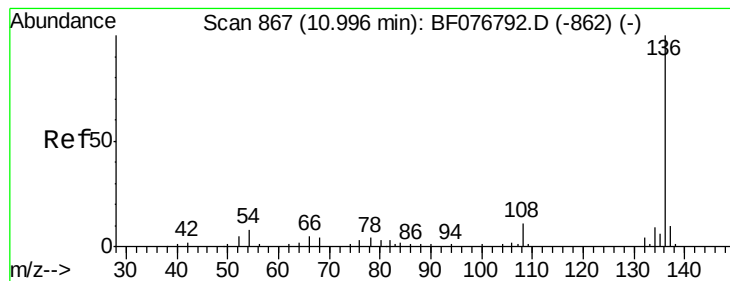


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 10.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

Instrument :

BNA_F

ClientSampleId :

S8-0409B

Tgt Ion:136 Resp: 120205

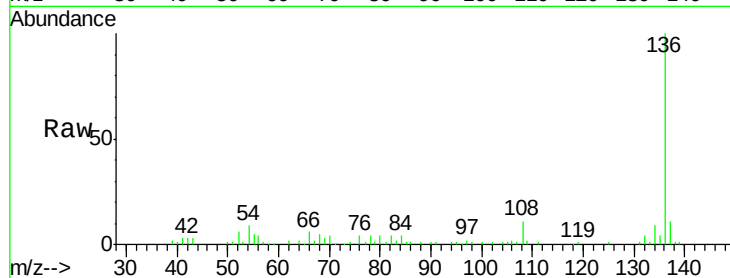
Ion Ratio Lower Upper

136 100

137 10.7 8.1 12.1

54 8.5 6.3 9.5

68 5.1 3.4 5.0#

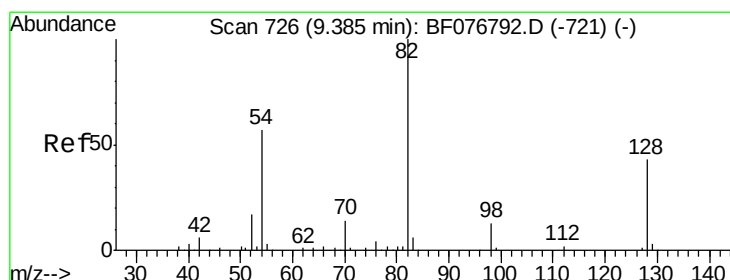
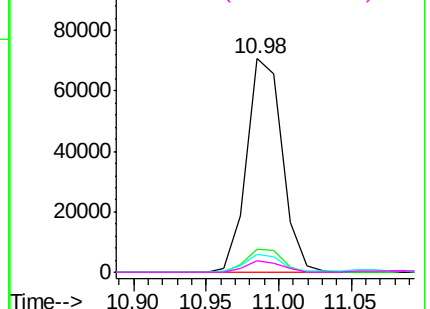
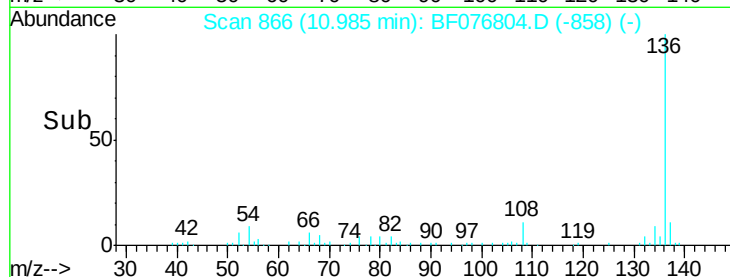


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.13 ng

RT: 9.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

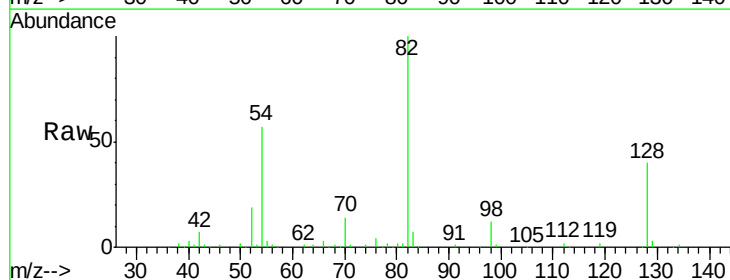
Tgt Ion: 82 Resp: 192478

Ion Ratio Lower Upper

82 100

128 40.3 34.0 51.0

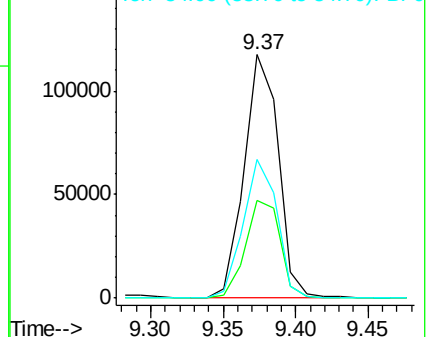
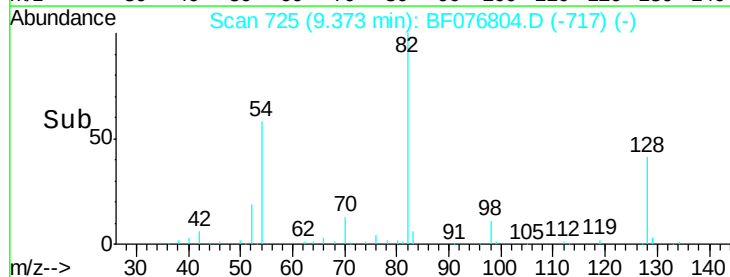
54 57.1 45.6 68.4

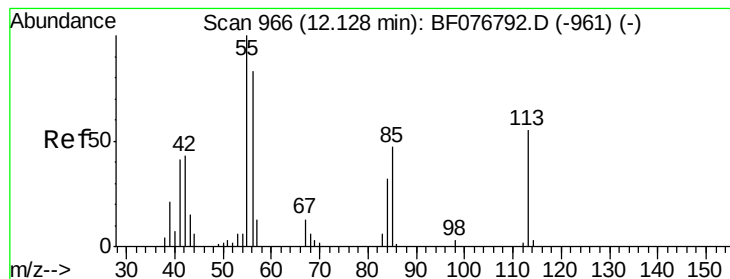


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#35

Caprolactam

Concen: 2.09 ng

RT: 12.09 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

Instrument :

BNA_F

ClientSampleId :

S8-0409B

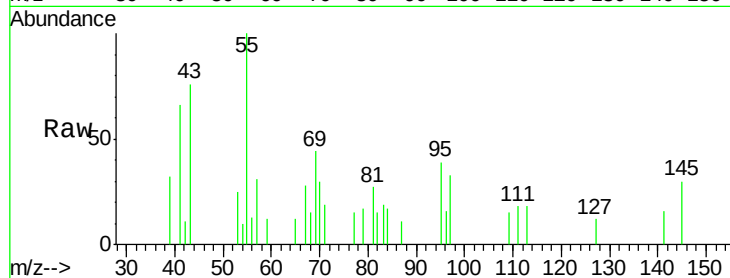
Tgt Ion:113 Resp: 1001

Ion Ratio Lower Upper

113 100

55 558.0 173.2 213.2#

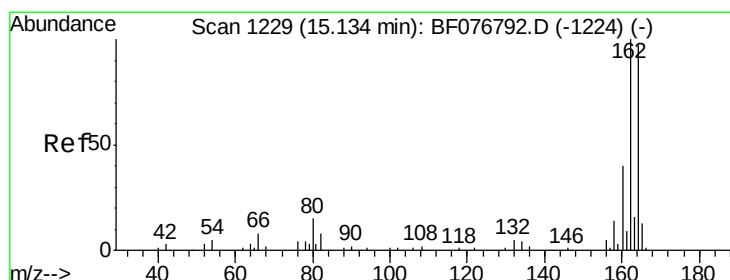
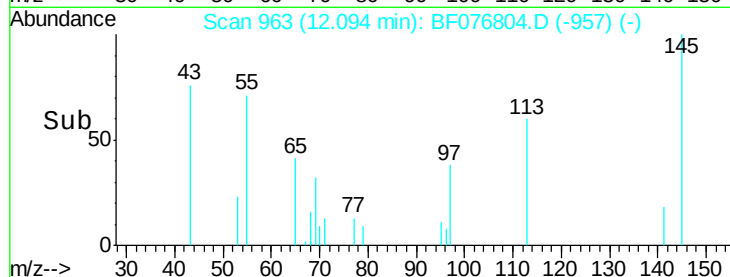
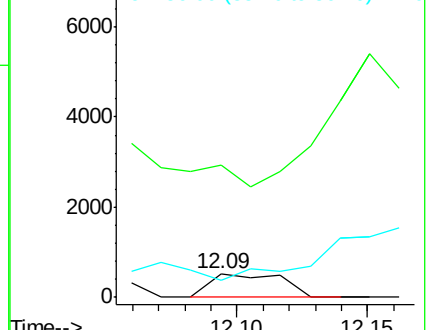
56 73.1 137.6 177.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.13 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

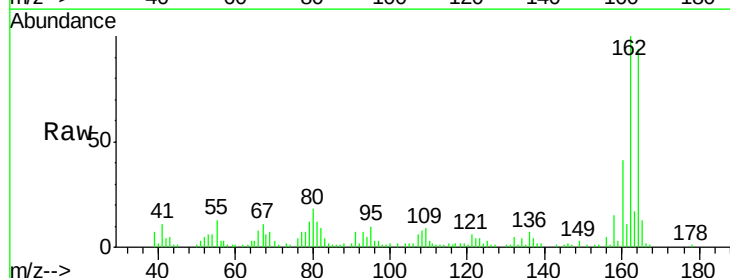
Tgt Ion:164 Resp: 68061

Ion Ratio Lower Upper

164 100

162 106.2 82.5 123.7

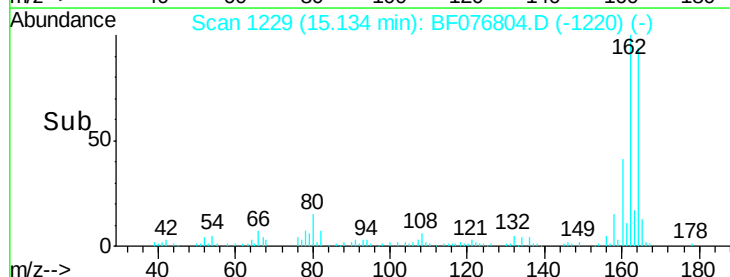
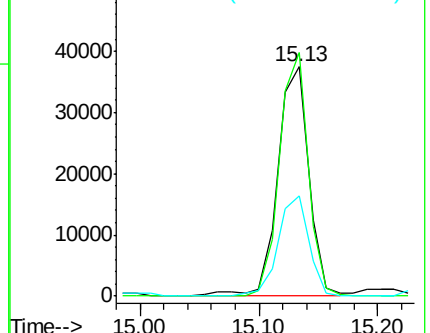
160 43.9 33.1 49.7

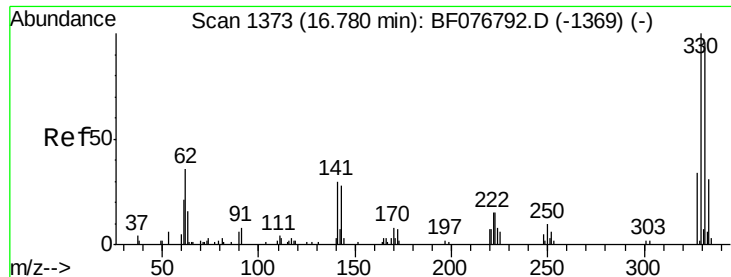


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

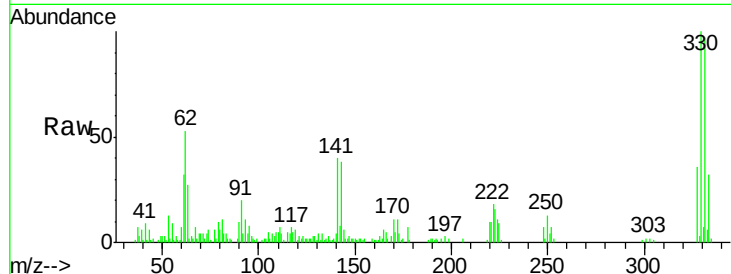




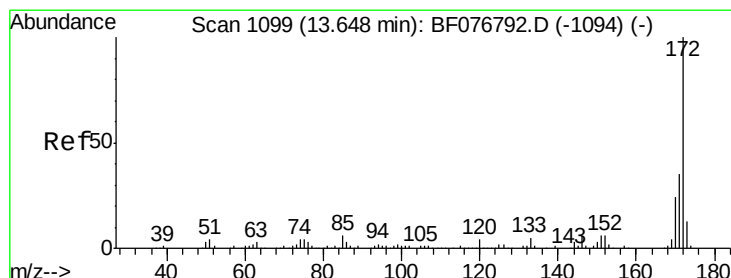
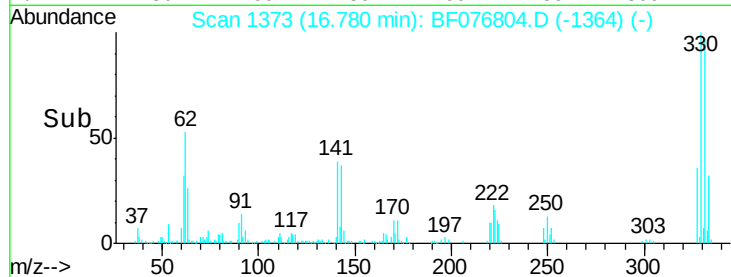
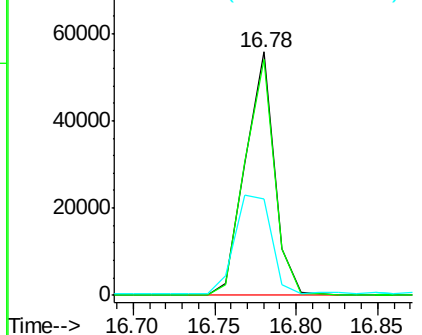
#41
 2,4,6-Tribromophenol
 Concen: 118.18 ng
 RT: 16.78 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF076804.D
 Acq: 10 Jan 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 S8-0409B

Tgt Ion:330 Resp: 68919
 Ion Ratio Lower Upper
 330 100
 332 98.3 74.8 112.2
 141 50.5 42.4 63.6

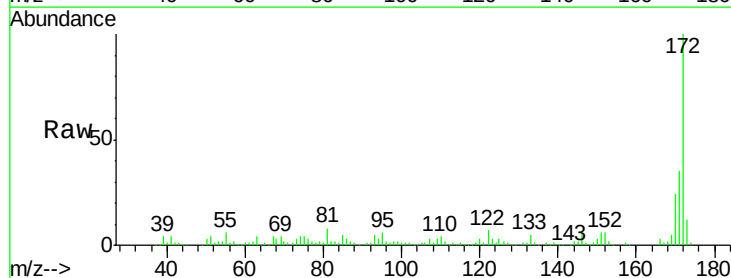


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

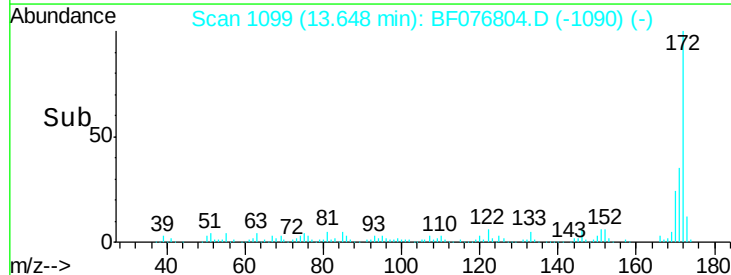
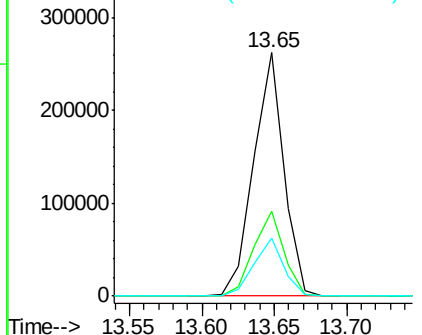


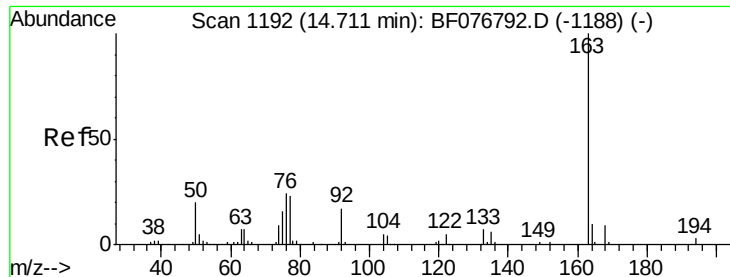
#44
 2-Fluorobiphenyl
 Concen: 81.21 ng
 RT: 13.65 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF076804.D
 Acq: 10 Jan 2015 1:40

Tgt Ion:172 Resp: 379832
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.8
 170 23.8 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





#49

Dimethylphthalate

Concen: 3.93 ng

RT: 14.71 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

Instrument :

BNA_F

ClientSampleId :

S8-0409B

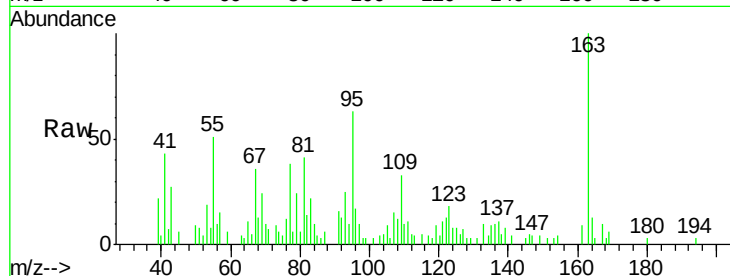
Tgt Ion:163 Resp: 19626

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

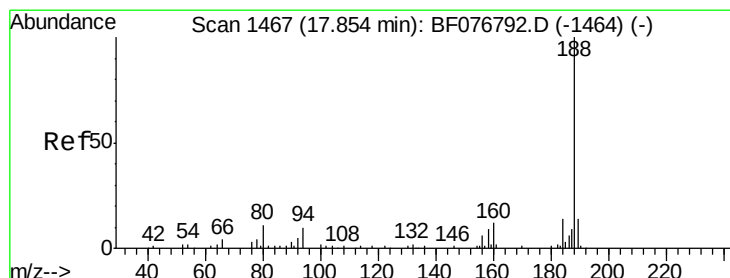
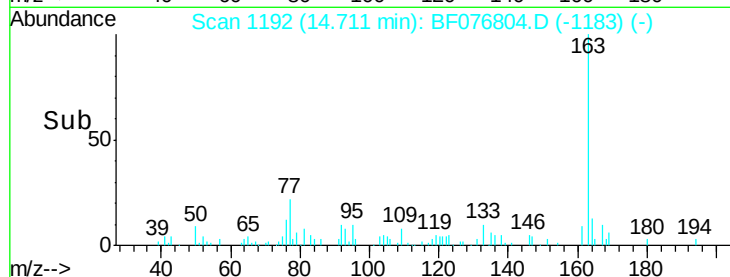
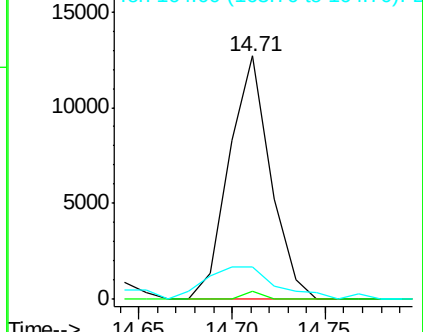
164 13.2 8.3 12.5#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.85 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

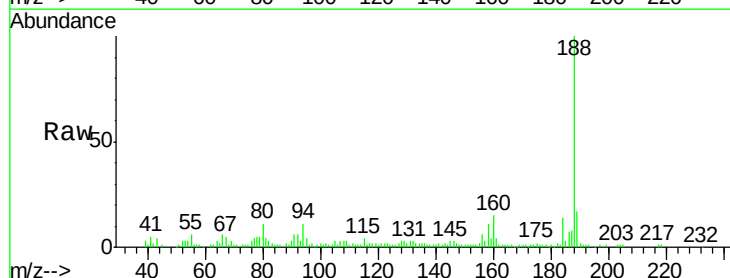
Tgt Ion:188 Resp: 105038

Ion Ratio Lower Upper

188 100

94 10.8 7.8 11.6

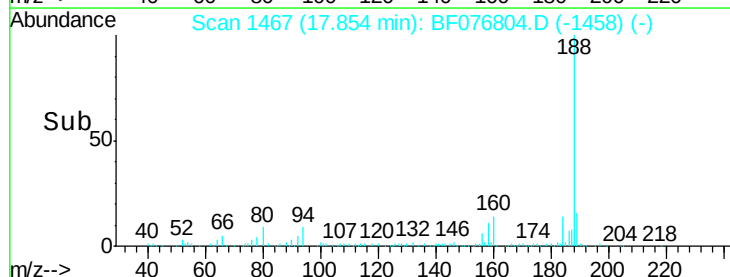
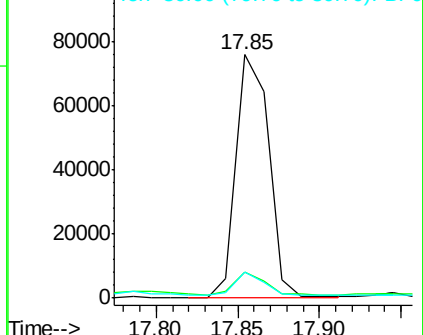
80 10.9 8.6 13.0

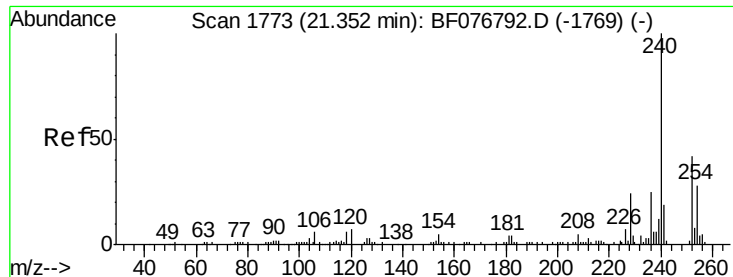


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.34 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF076804.D

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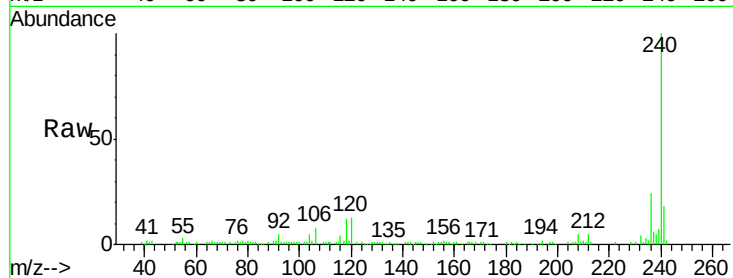
Tgt Ion:240 Resp: 103978

Ion Ratio Lower Upper

240 100

120 12.8 5.7 8.5#

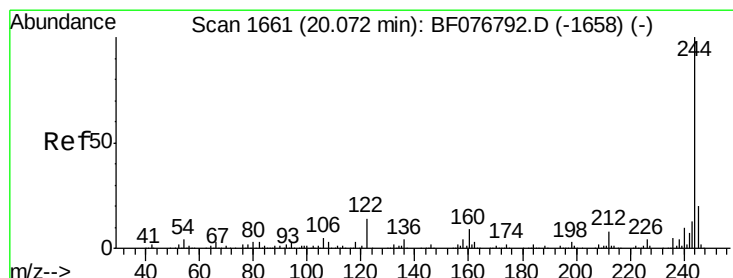
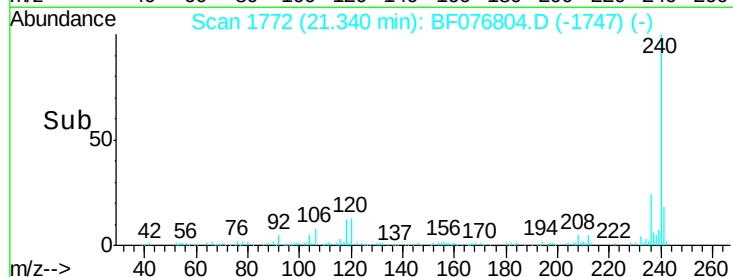
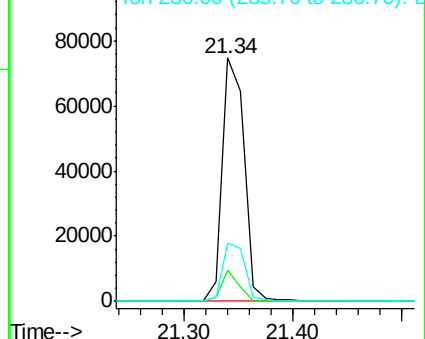
236 24.0 19.7 29.5



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: 72.58 ng

RT: 20.08 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

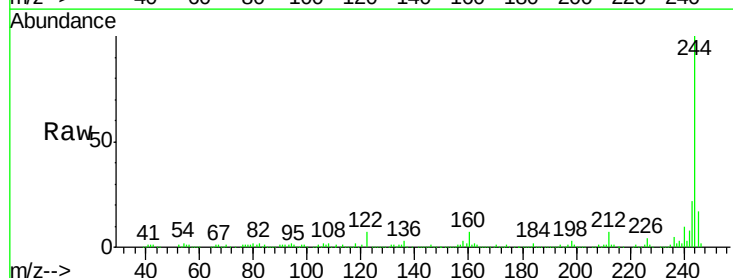
Tgt Ion:244 Resp: 350357

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

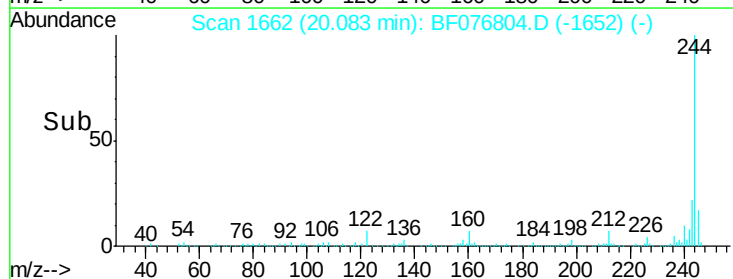
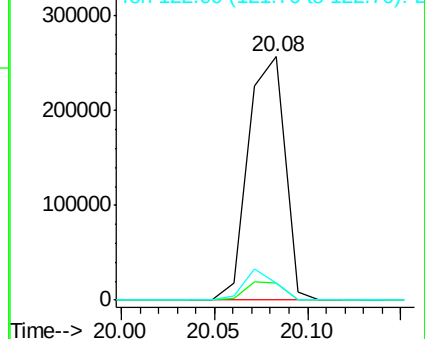
122 7.3 11.3 16.9#

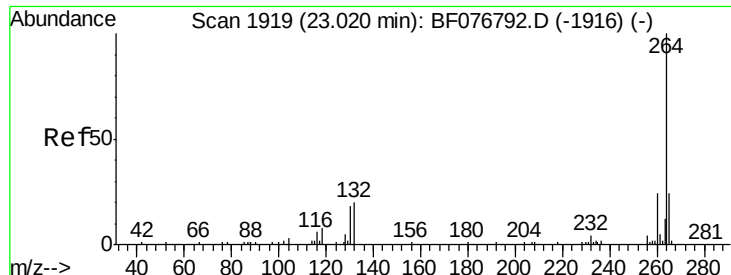


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

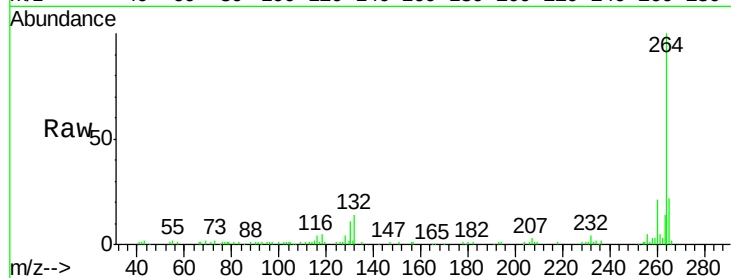




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.02 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF076804.D
Acq: 10 Jan 2015 1:40

Instrument :
BNA_F
ClientSampleId :
S8-0409B

Tgt Ion: 264 Resp: 91462
Ion Ratio Lower Upper
264 100
260 21.4 19.4 29.0
265 22.0 18.9 28.3



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

