

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077839.D
 Acq On : 19 Mar 2015 19:16
 Operator : TP/IZ
 Sample : G1573-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Mar 20 00:16:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 00:59:44 2015
 Response via : Initial Calibration

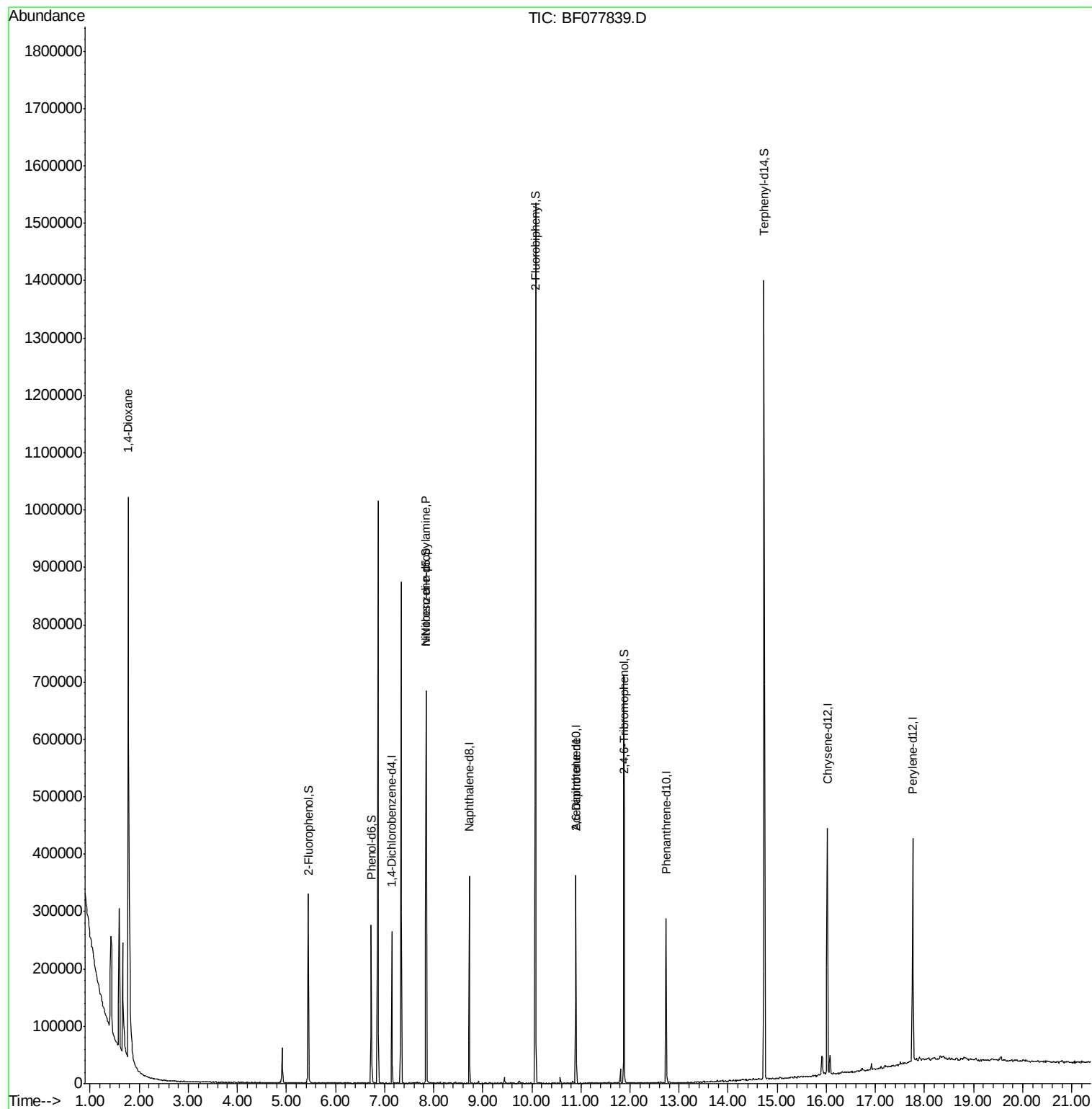
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	41664	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	167157	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	83145	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	167371	20.00	ng	0.00
75) Chrysene-d12	16.02	240	178737	20.00	ng	-0.01
86) Perylene-d12	17.76	264	177672	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	143252	60.02	ng	0.01
7) Phenol-d6	6.73	99	108818	36.90	ng	0.00
23) Nitrobenzene-d5	7.85	82	239270	93.83	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	103829	130.52	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	515391	91.10	ng	0.00
78) Terphenyl-d14	14.73	244	559422	76.45	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.78	88	41863	38.63	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	29336	14.38	ng	# 78
50) 2,6-Dinitrotoluene	10.90	165	10273	8.04	ng	# 24

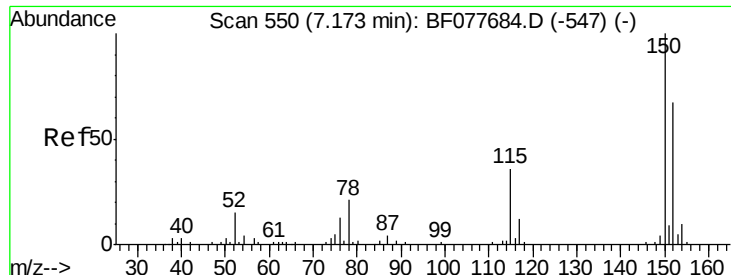
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF077839.D

Acq: 19 Mar 2015 19:16

Instrument :

BNA_F

ClientSampleId :

MW-10

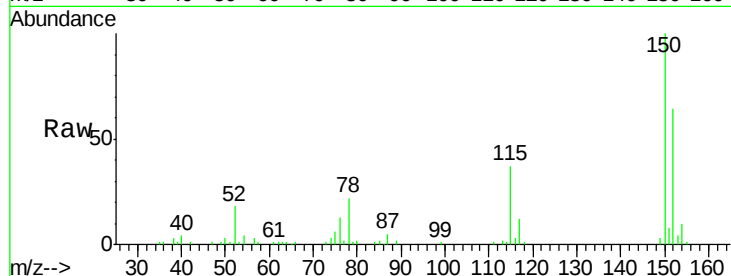
Tgt Ion:152 Resp: 41664

Ion Ratio Lower Upper

152 100

150 156.8 119.5 179.3

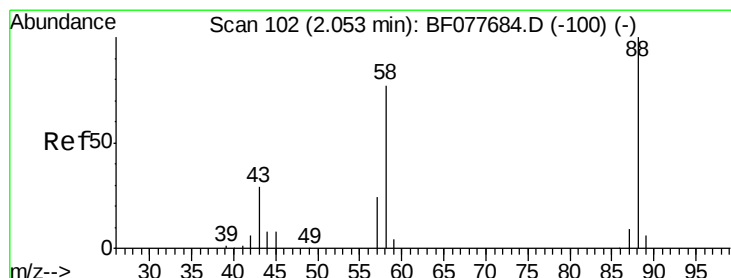
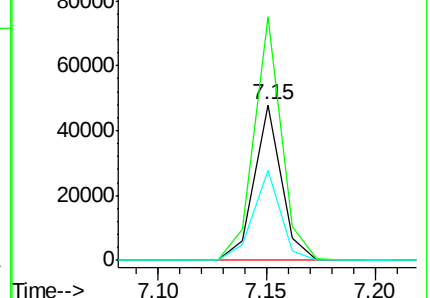
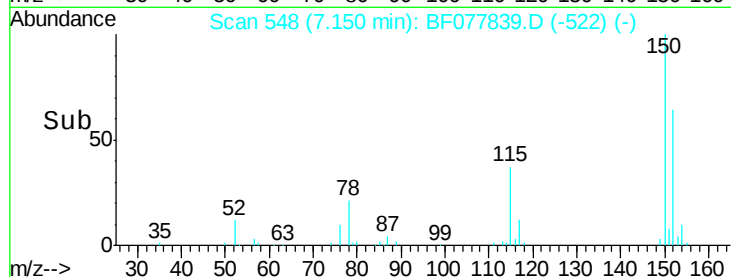
115 58.3 43.0 64.4



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



#2

1,4-Dioxane

Concen: 38.63 ng

RT: 1.78 min Scan# 78

Delta R.T. -0.25 min

Lab File: BF077839.D

Acq: 19 Mar 2015 19:16

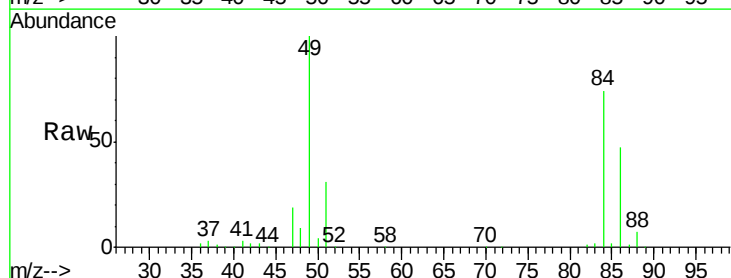
Tgt Ion: 88 Resp: 41863

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

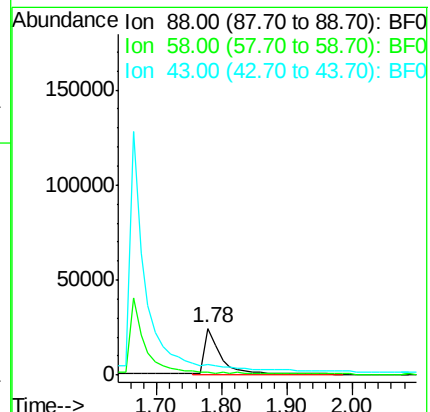
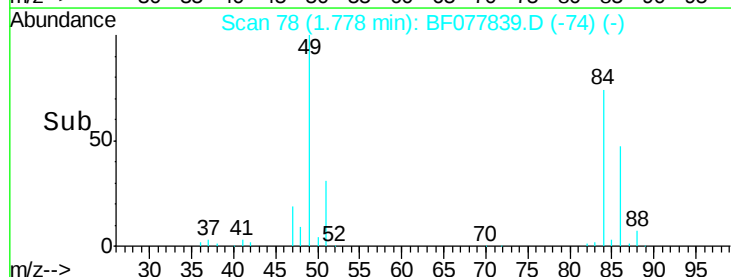
43 0.0 0.0 0.0

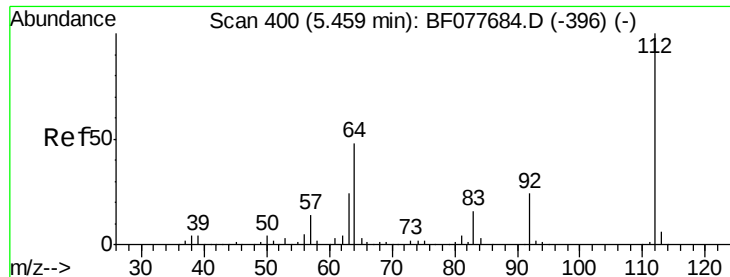


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 60.02 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077839.D

Acq: 19 Mar 2015 19:16

Instrument :

BNA_F

ClientSampleId :

MW-10

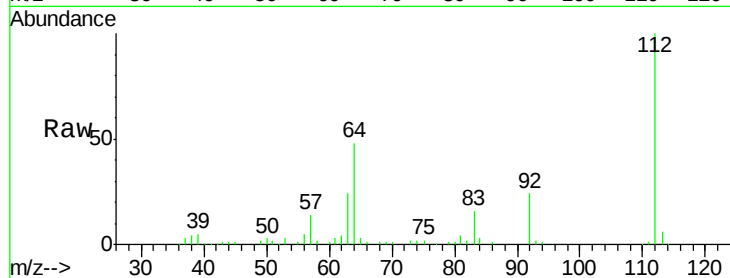
Tgt Ion: 112 Resp: 143252

Ion Ratio Lower Upper

112 100

64 47.6 38.6 57.8

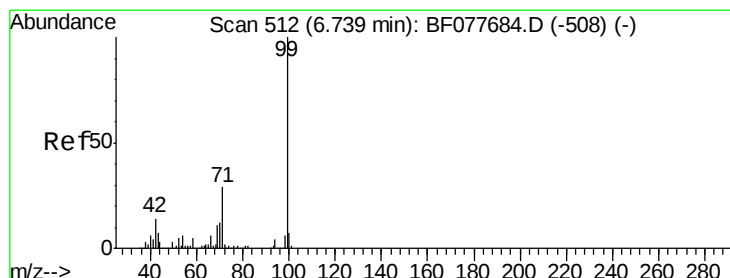
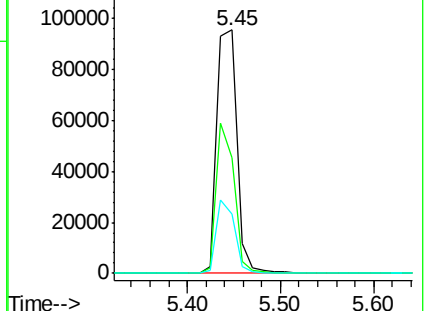
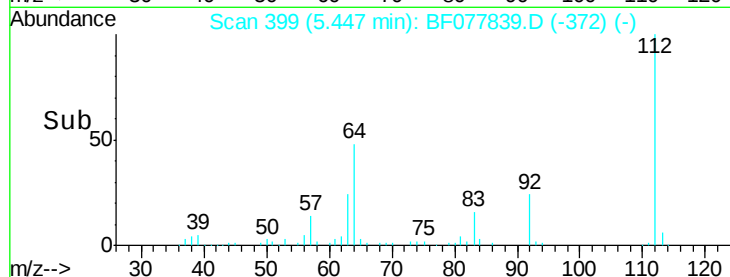
63 24.2 19.3 28.9



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: 36.90 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077839.D

Acq: 19 Mar 2015 19:16

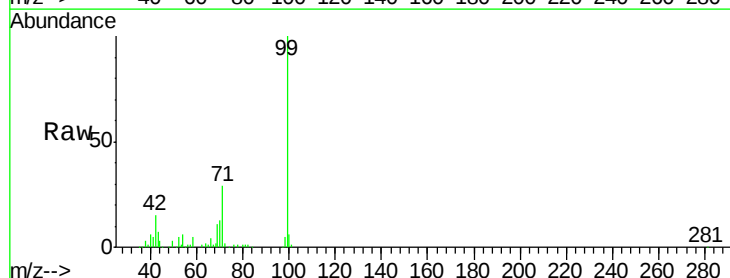
Tgt Ion: 99 Resp: 108818

Ion Ratio Lower Upper

99 100

42 14.7 11.0 16.4

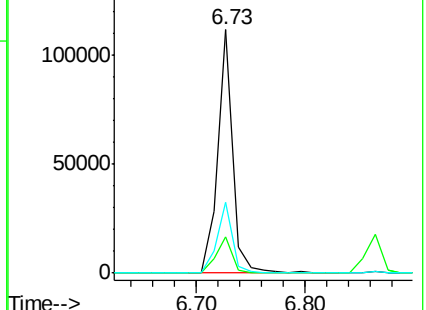
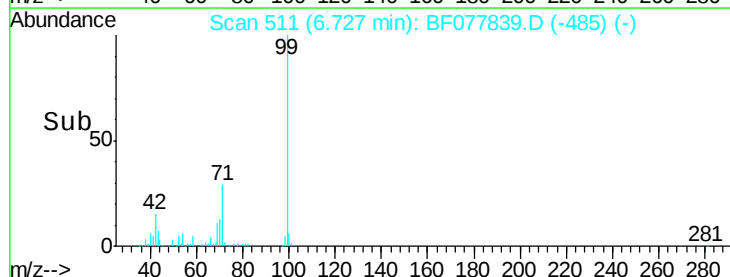
71 29.3 23.4 35.2

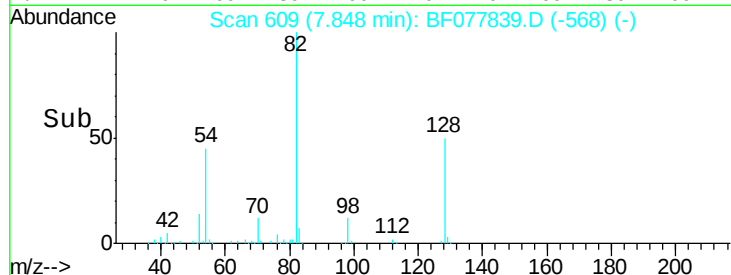
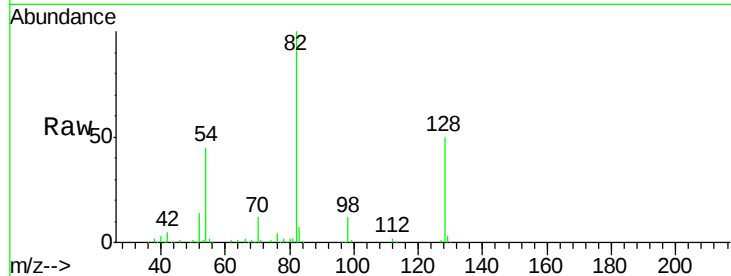
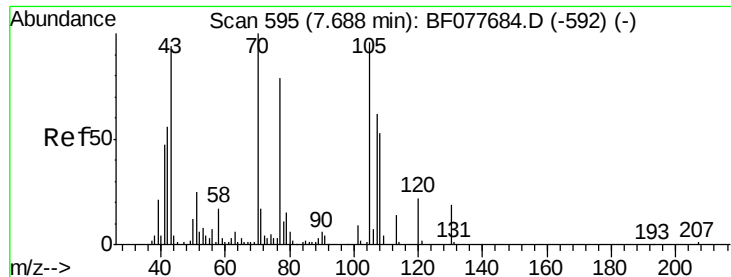


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

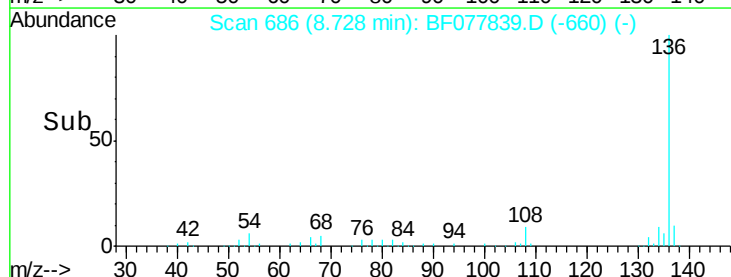
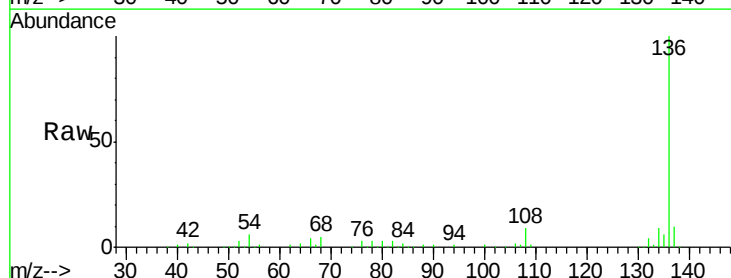
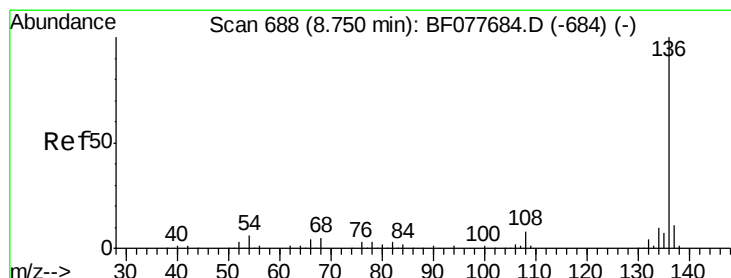
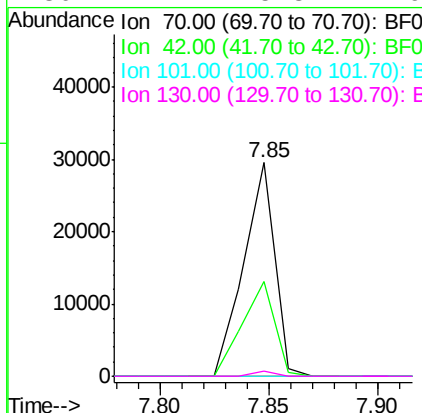




#19
n-Nitroso-di-n-propylamine
Concen: 14.38 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077839.D
Acq: 19 Mar 2015 19:16

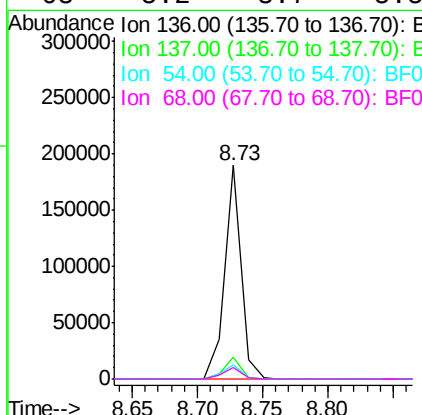
Instrument :
BNA_F
ClientSampleId :
MW-10

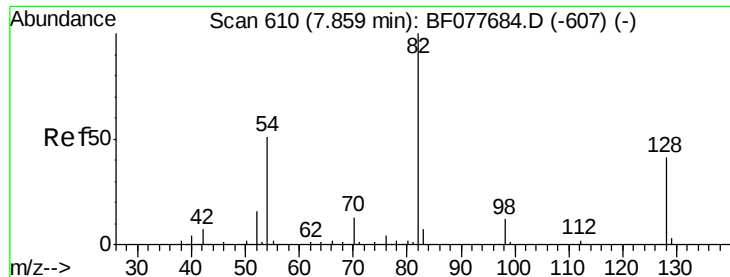
Tgt Ion: 70 Resp: 29336
Ion Ratio Lower Upper
70 100
42 44.2 44.5 66.7#
101 0.0 7.4 11.2#
130 2.4 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077839.D
Acq: 19 Mar 2015 19:16

Tgt Ion: 136 Resp: 167157
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 6.5 4.6 6.8
68 5.2 3.7 5.5

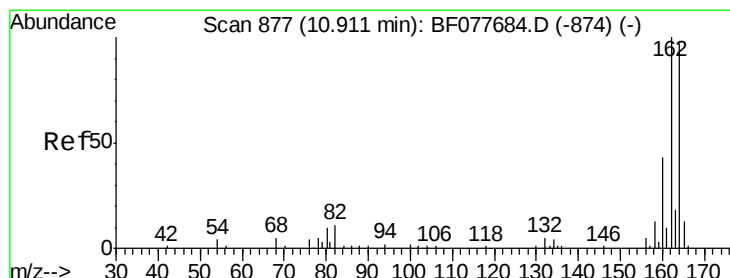
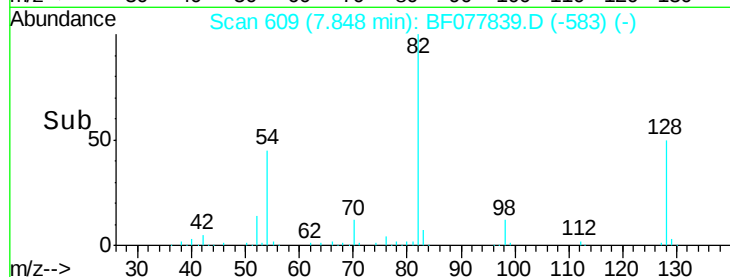
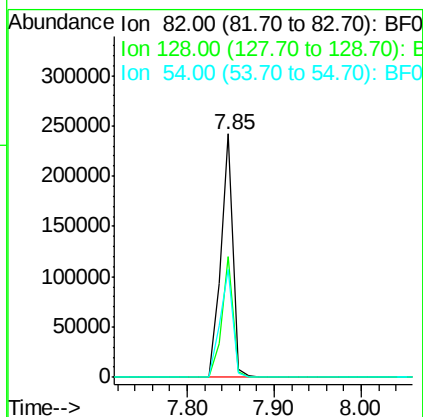
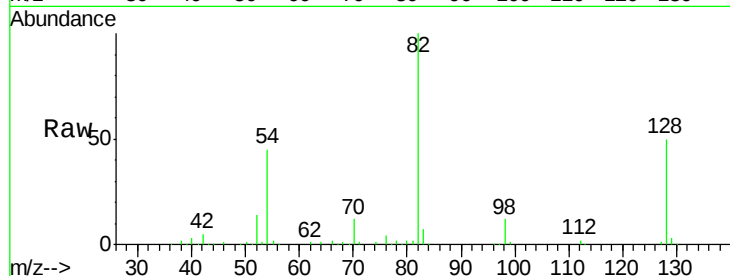




#23
 Nitrobenzene-d5
 Concen: 93.83 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077839.D
 Acq: 19 Mar 2015 19:16

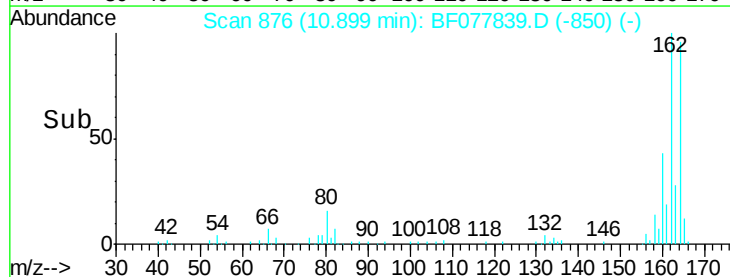
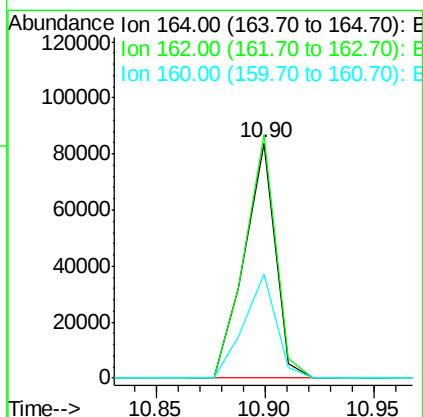
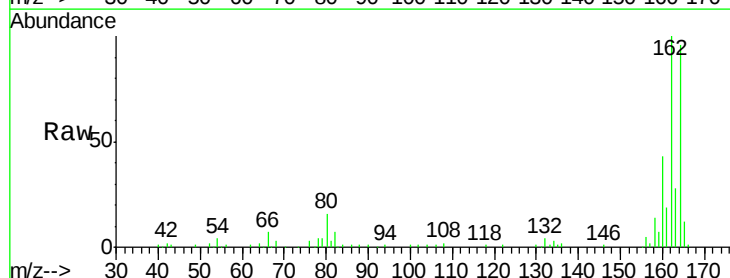
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

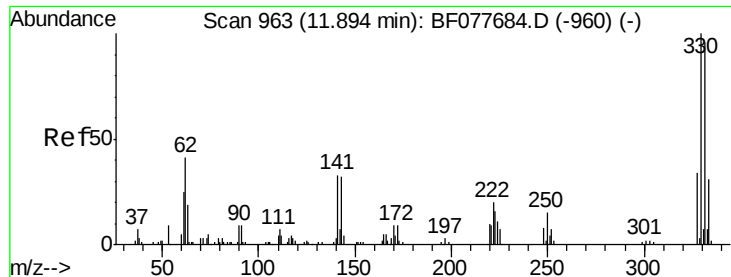
Tgt Ion: 82 Resp: 239270
 Ion Ratio Lower Upper
 82 100
 128 49.9 32.8 49.2#
 54 44.6 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077839.D
 Acq: 19 Mar 2015 19:16

Tgt Ion: 164 Resp: 83145
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.4 123.6
 160 44.5 35.8 53.6

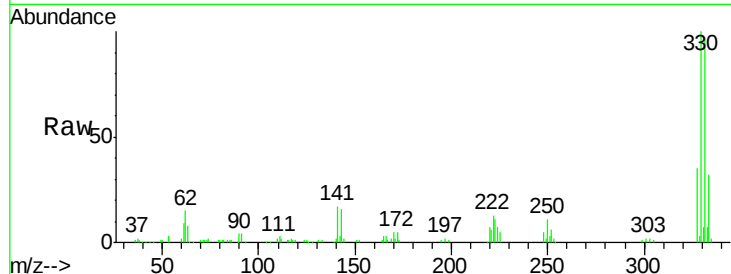




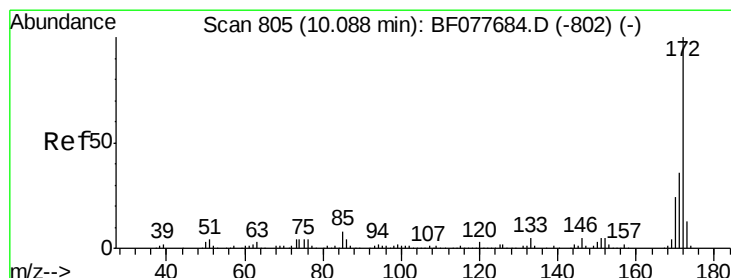
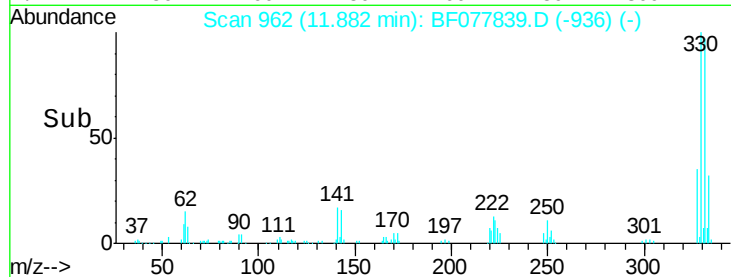
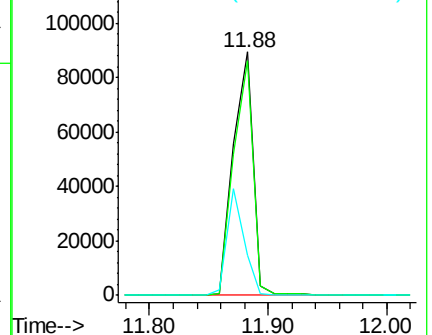
#41
 2,4,6-Tribromophenol
 Concen: 130.52 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077839.D
 Acq: 19 Mar 2015 19:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:330 Resp: 103829
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 38.0 0.0 0.0#

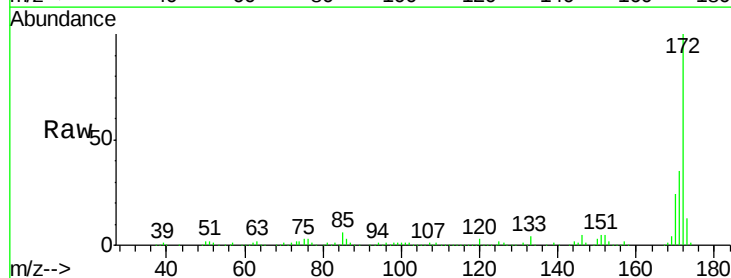


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

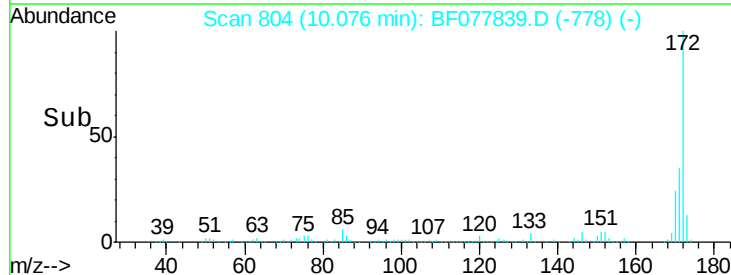
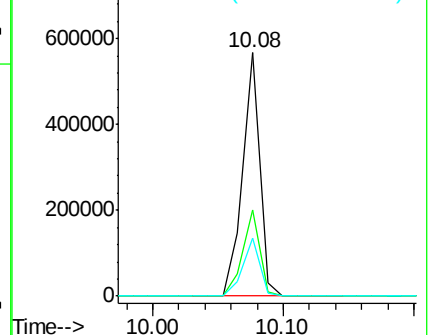


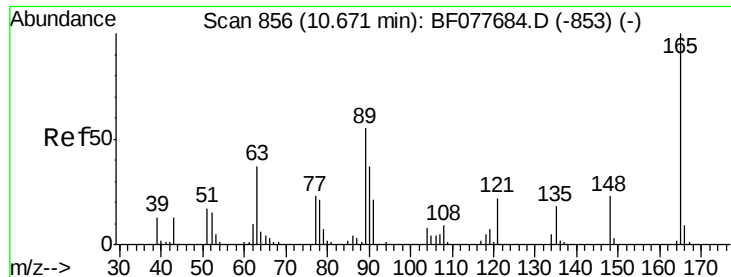
#44
 2-Fluorobiphenyl
 Concen: 91.10 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077839.D
 Acq: 19 Mar 2015 19:16

Tgt Ion:172 Resp: 515391
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.6 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

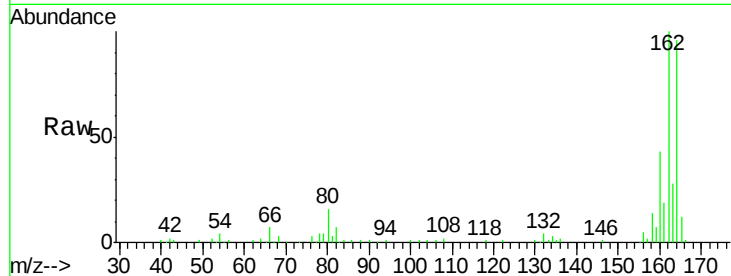




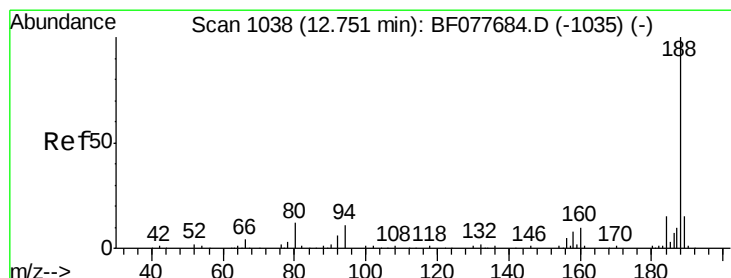
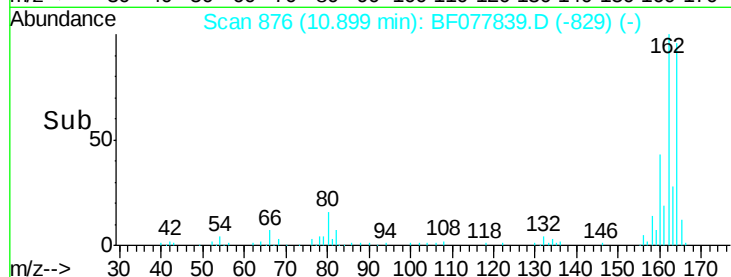
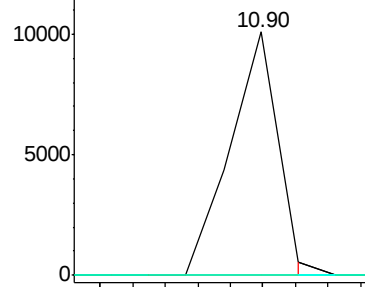
#50
 2,6-Dinitrotoluene
 Concen: 8.04 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.24 min
 Lab File: BF077839.D
 Acq: 19 Mar 2015 19:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:165 Resp: 10273
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

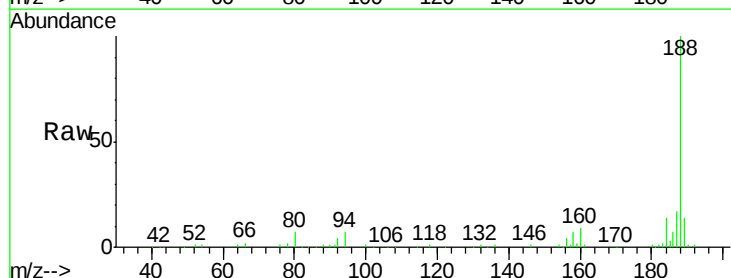


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

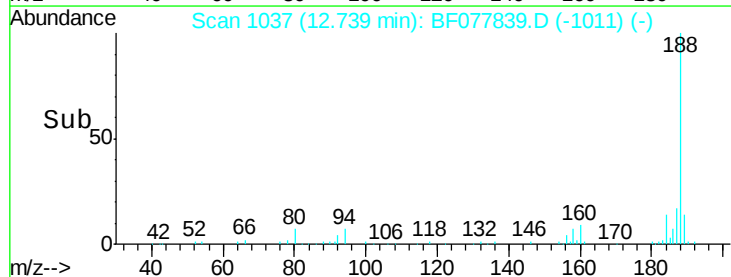
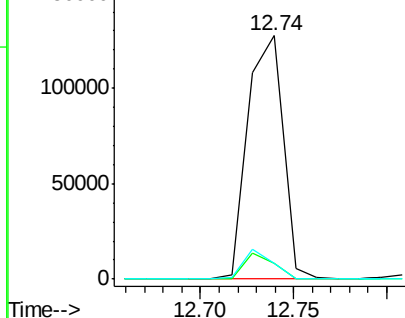


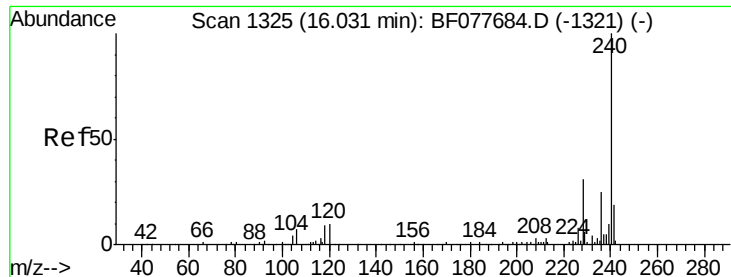
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF077839.D
 Acq: 19 Mar 2015 19:16

Tgt Ion:188 Resp: 167371
 Ion Ratio Lower Upper
 188 100
 94 6.7 8.7 13.1#
 80 6.6 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: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077839.D

Acq: 19 Mar 2015 19:16

Instrument :

BNA_F

ClientSampleId :

MW-10

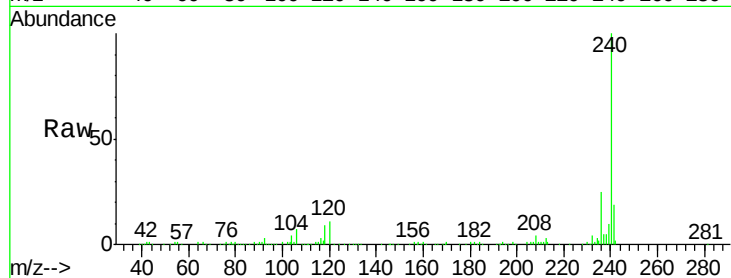
Tgt Ion:240 Resp: 178737

Ion Ratio Lower Upper

240 100

120 11.1 8.2 12.2

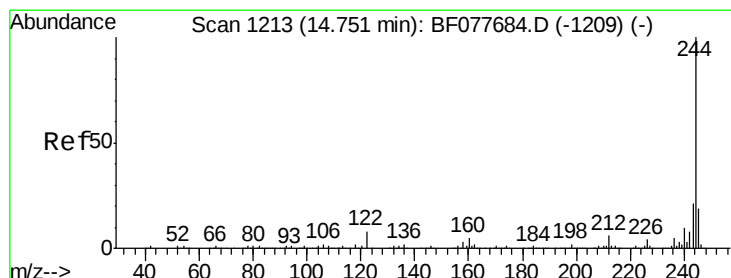
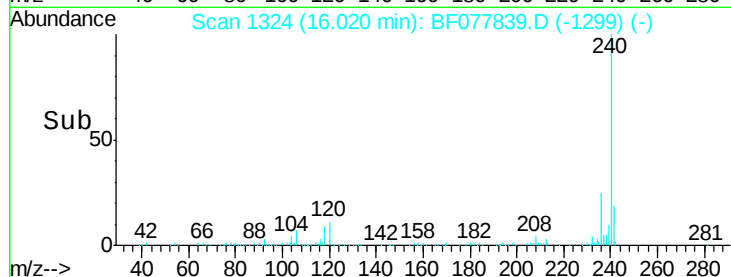
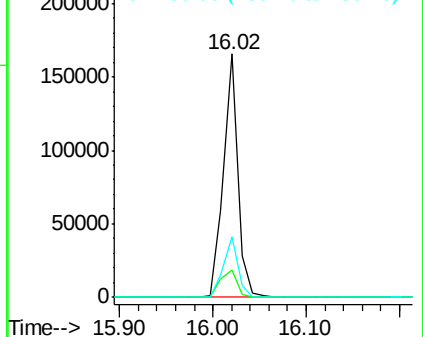
236 25.0 20.0 30.0



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: 76.45 ng

RT: 14.73 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF077839.D

Acq: 19 Mar 2015 19:16

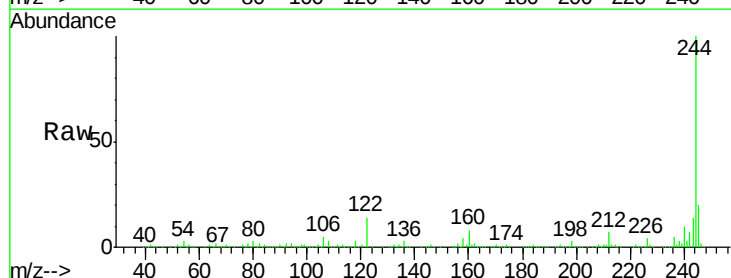
Tgt Ion:244 Resp: 559422

Ion Ratio Lower Upper

244 100

212 6.8 4.9 7.3

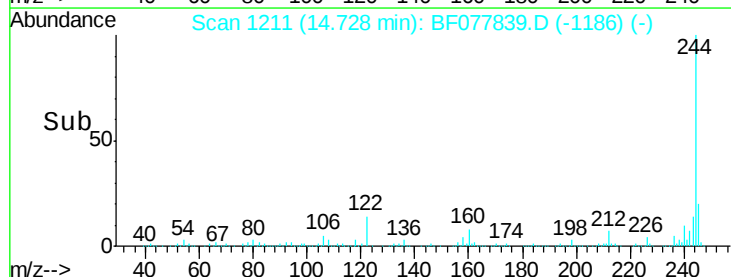
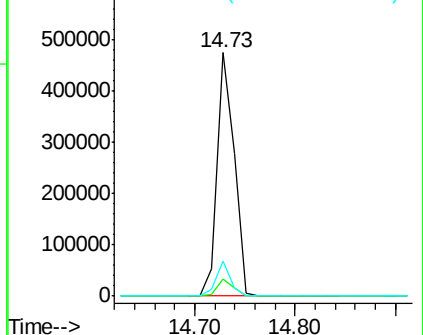
122 14.3 6.2 9.4#

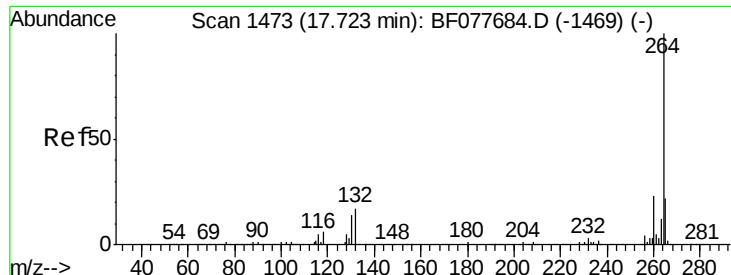


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

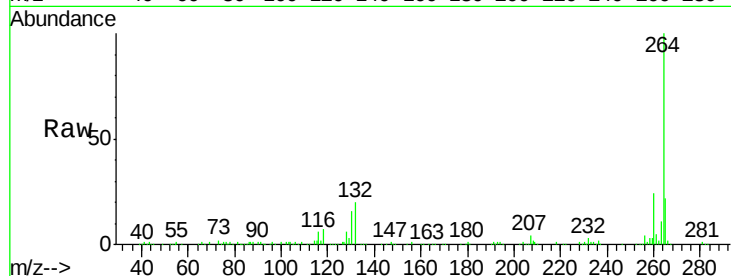




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1476
Delta R.T. -0.03 min
Lab File: BF077839.D
Acq: 19 Mar 2015 19:16

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion: 264 Resp: 177672
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.8 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

