

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078468.D
 Acq On : 13 Apr 2015 19:04
 Operator : TP/IZ
 Sample : G1787-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD06B

Quant Time: Apr 14 01:23:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 01:02:55 2015
 Response via : Initial Calibration

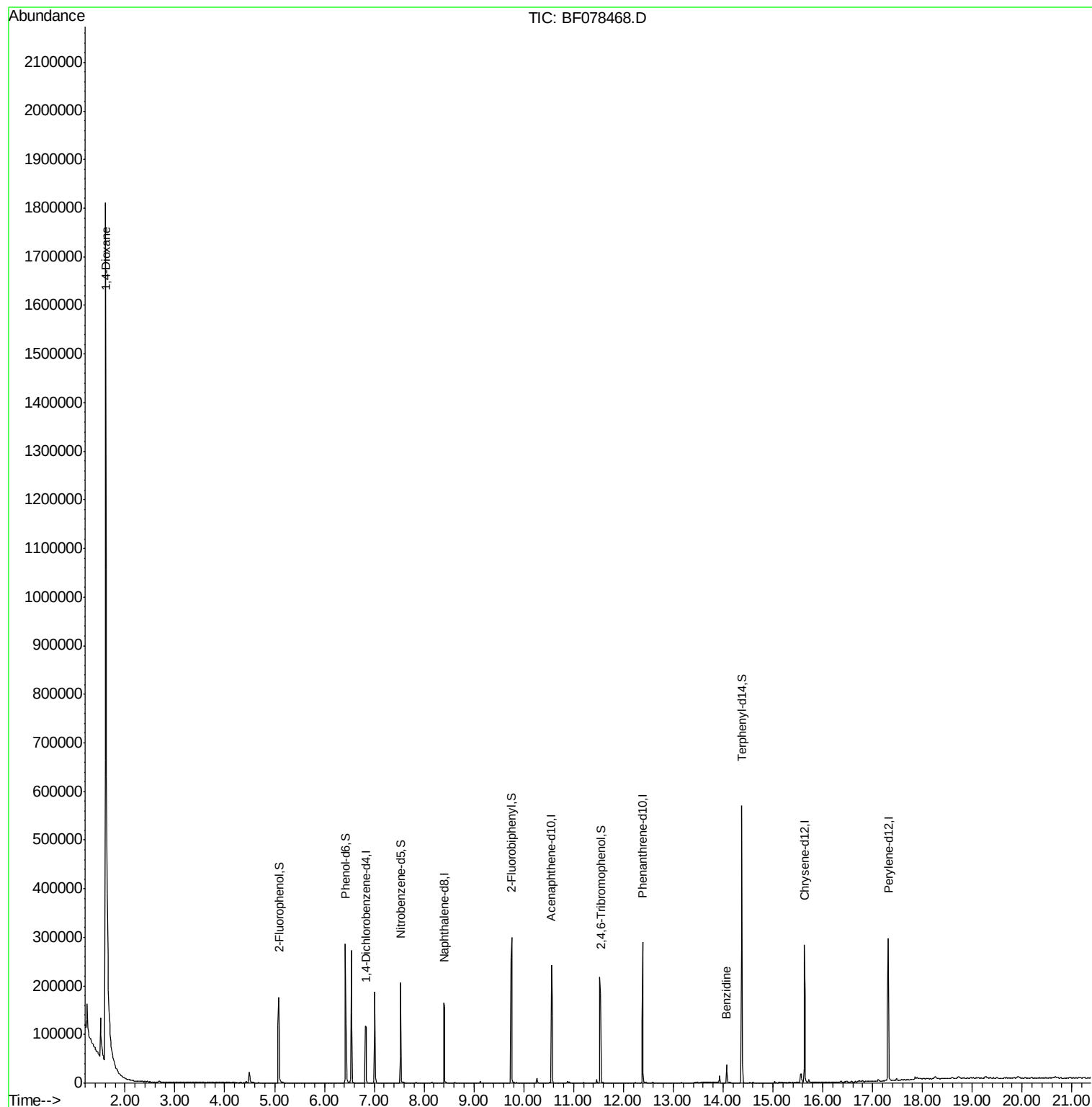
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	29082	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	117519	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	59955	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	125685	20.00	ng	0.00
75) Chrysene-d12	15.63	240	135127	20.00	ng	-0.02
86) Perylene-d12	17.31	264	134394	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	77569	43.98	ng	0.00
7) Phenol-d6	6.42	99	116966	52.91	ng	-0.01
23) Nitrobenzene-d5	7.53	82	71000	36.62	ng	-0.01
41) 2,4,6-Tribromophenol	11.54	330	34759	69.90	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	142915	34.07	ng	0.00
78) Terphenyl-d14	14.38	244	224960	37.62	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.61	88	79397	99.54	ng	Qvalue # 23
76) Benzidine	14.07	184	24277	4.67	ng	98

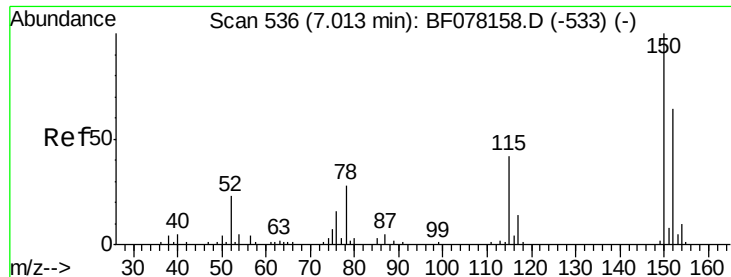
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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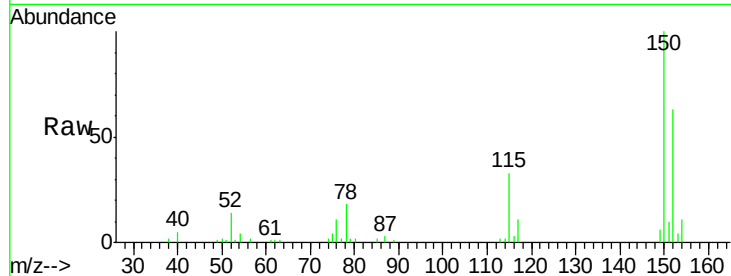


#1

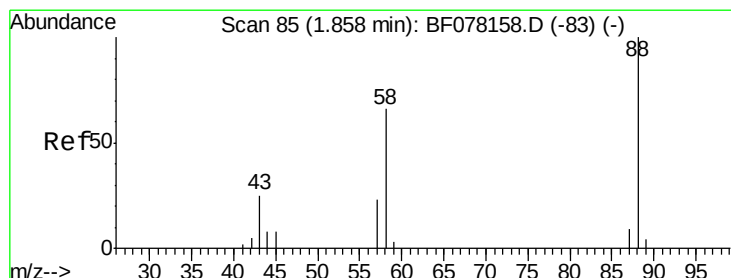
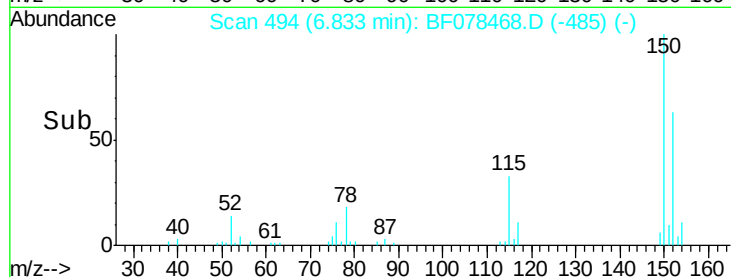
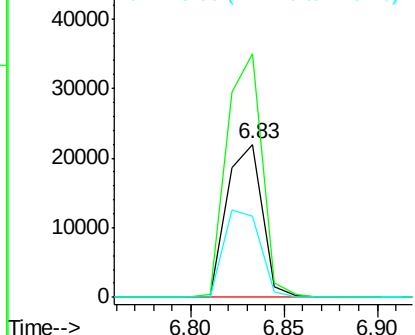
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF078468.D
Acq: 13 Apr 2015 19:04

Instrument :
BNA_F
ClientSampleId :
LS-SD06B

Tgt Ion:152 Resp: 29082
Ion Ratio Lower Upper
152 100
150 159.3 125.9 188.9
115 53.4 52.7 79.1



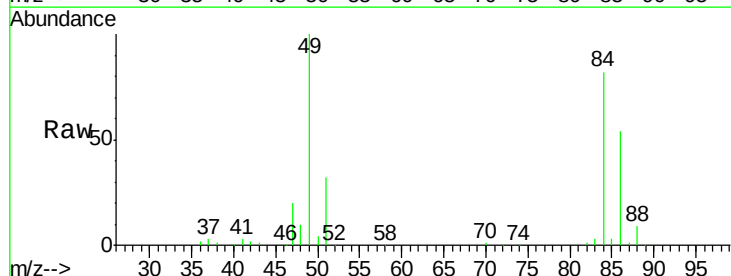
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



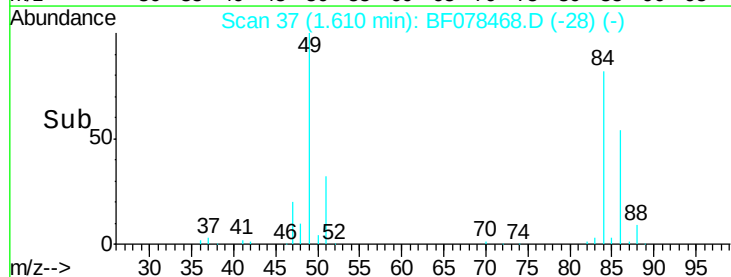
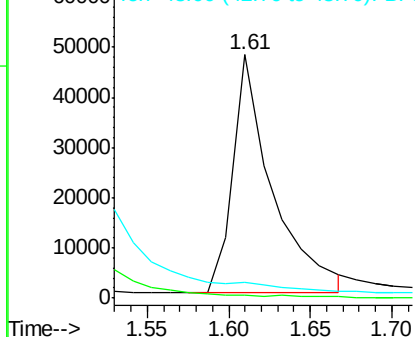
#2

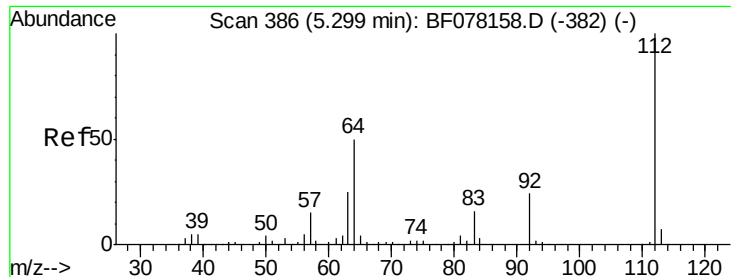
1,4-Dioxane
Concen: 99.54 ng
RT: 1.61 min Scan# 37
Delta R.T. 0.00 min
Lab File: BF078468.D
Acq: 13 Apr 2015 19:04

Tgt Ion: 88 Resp: 79397
Ion Ratio Lower Upper
88 100
58 0.0 56.9 85.3#
43 0.0 21.4 32.2#



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: 43.98 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.00 min

Lab File: BF078468.D

Acq: 13 Apr 2015 19:04

Instrument :

BNA_F

ClientSampleId :

LS-SD06B

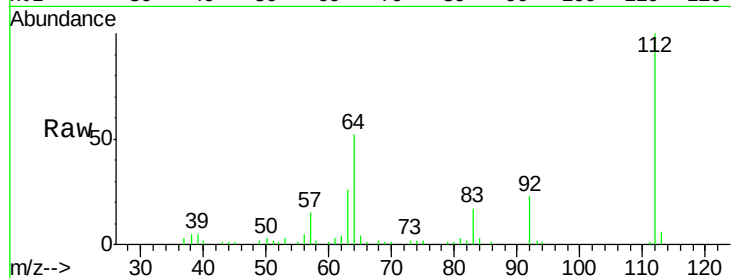
Tgt Ion: 112 Resp: 77569

Ion Ratio Lower Upper

112 100

64 51.7 39.9 59.9

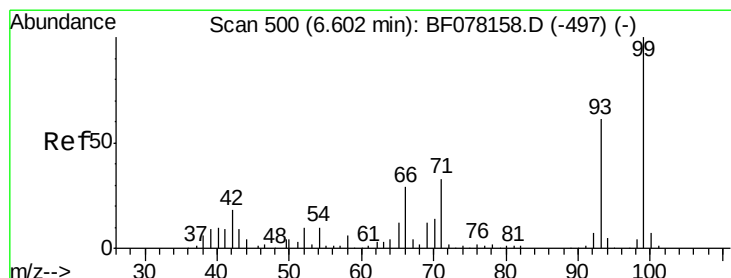
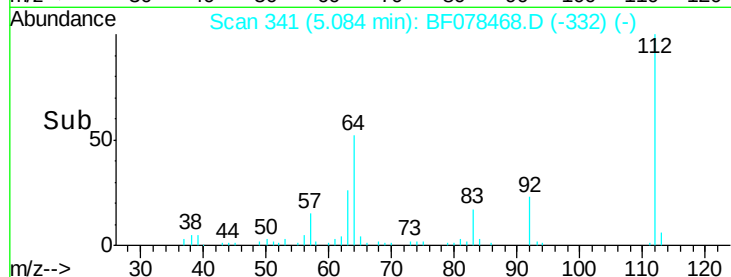
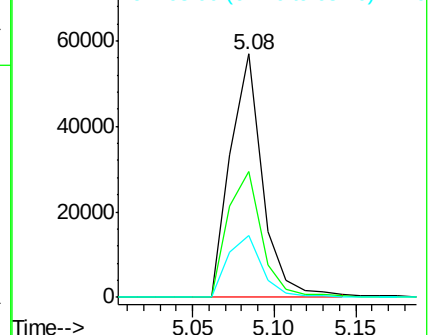
63 25.6 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 52.91 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF078468.D

Acq: 13 Apr 2015 19:04

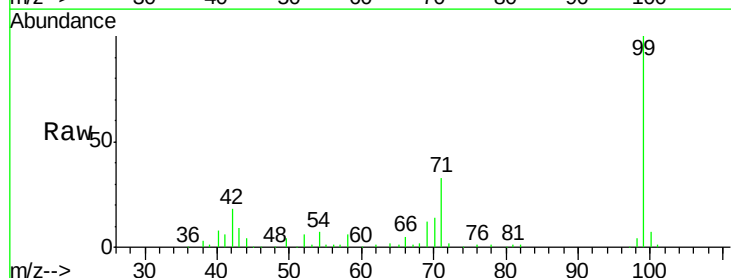
Tgt Ion: 99 Resp: 116966

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

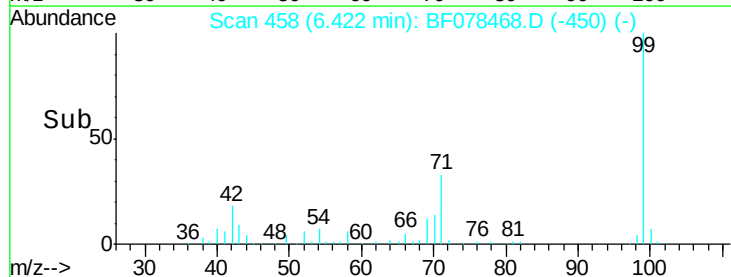
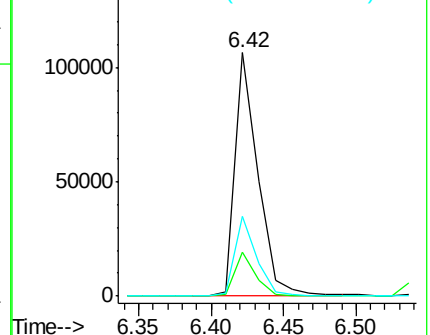
71 32.5 26.6 39.8

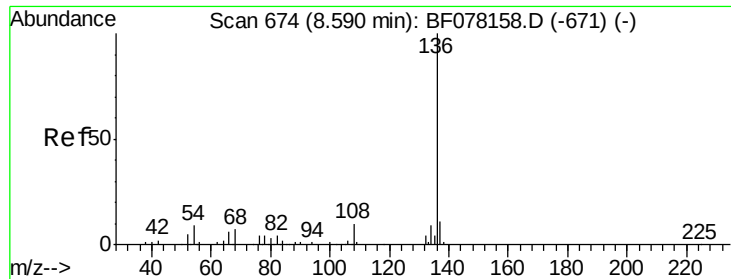


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF078468.D

Acq: 13 Apr 2015 19:04

Instrument :

BNA_F

ClientSampleId :

LS-SD06B

Tgt Ion:136 Resp: 117519

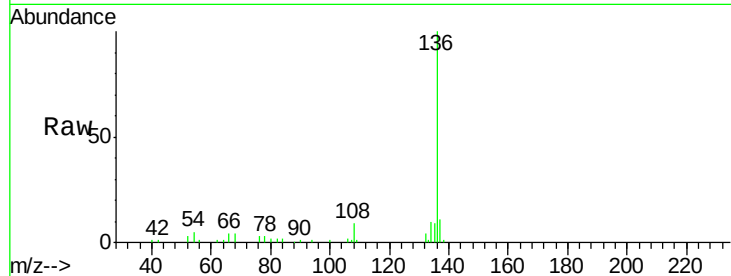
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.4 7.0 10.6#

68 4.4 5.4 8.2#

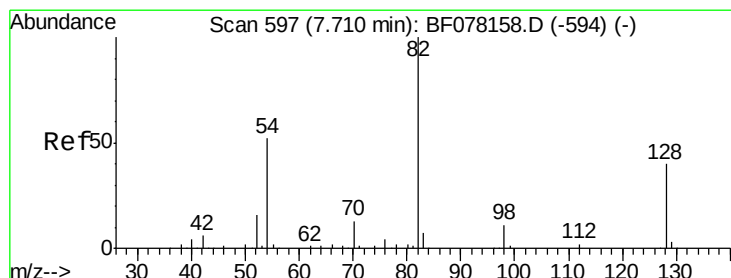
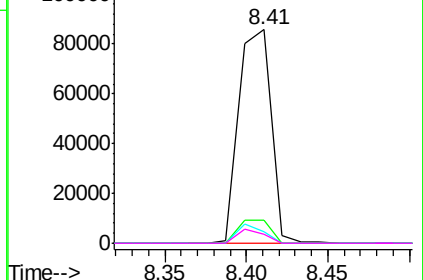
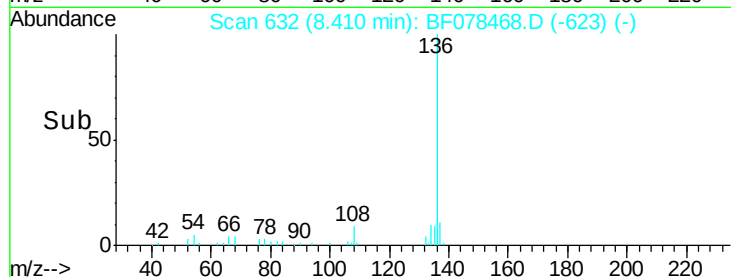


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.62 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF078468.D

Acq: 13 Apr 2015 19:04

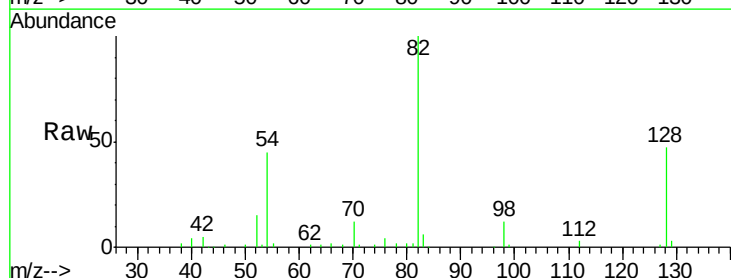
Tgt Ion: 82 Resp: 71000

Ion Ratio Lower Upper

82 100

128 47.1 31.8 47.8

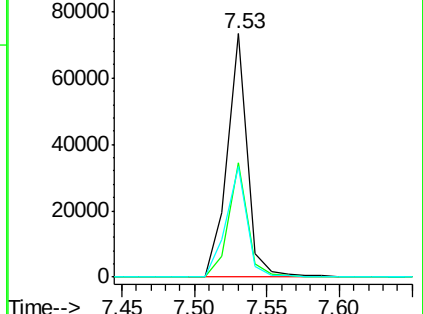
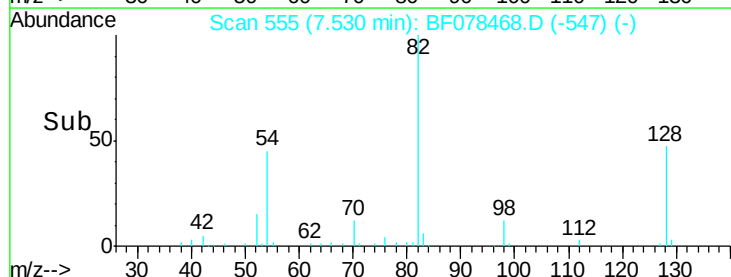
54 45.3 41.5 62.3

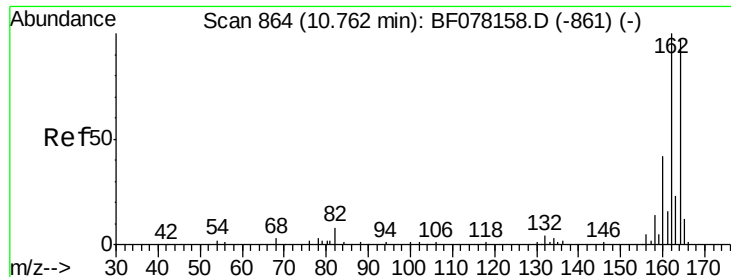


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

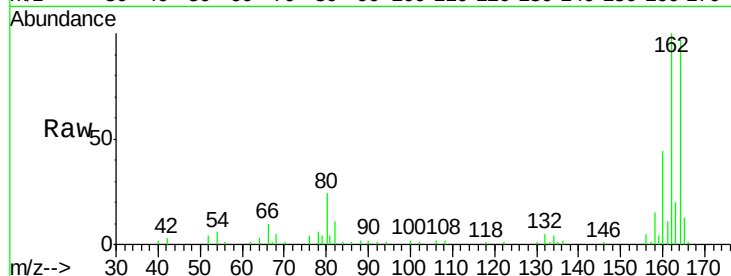




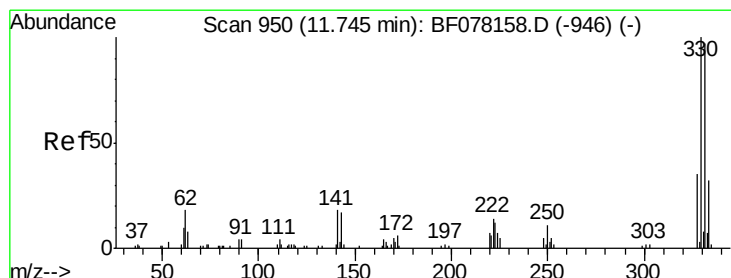
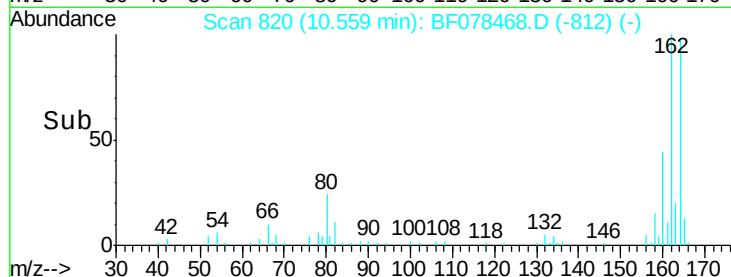
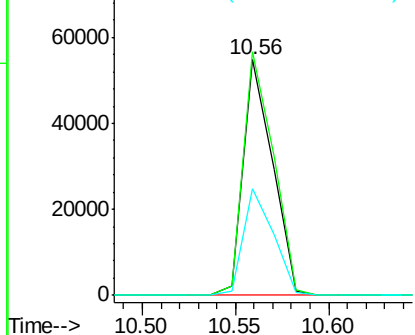
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078468.D
 Acq: 13 Apr 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD06B

Tgt Ion:164 Resp: 59955
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.2 123.2
 160 45.1 34.7 52.1

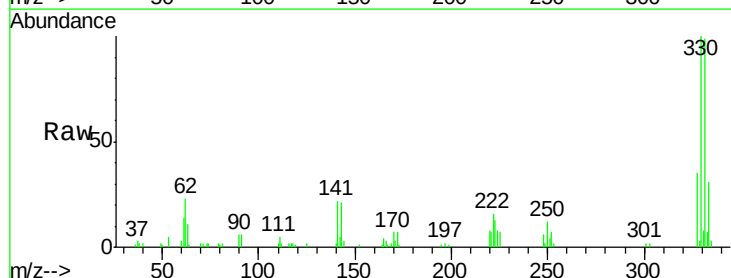


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

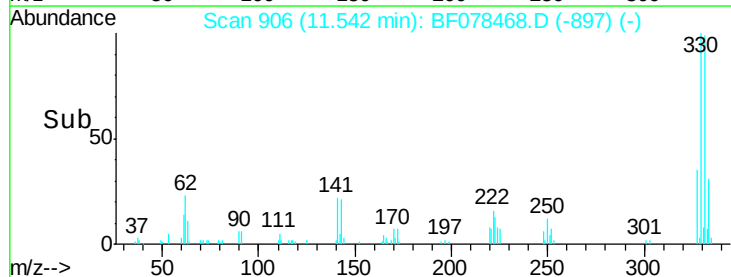
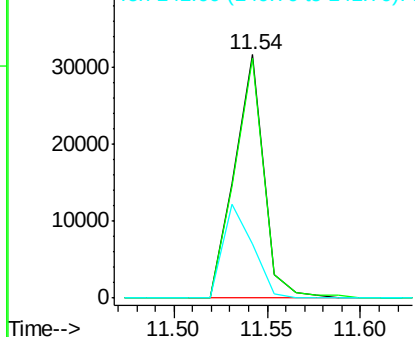


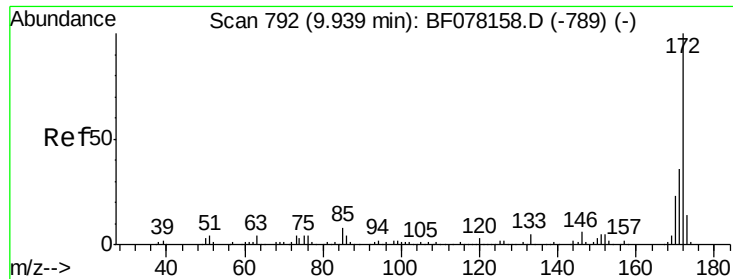
#41
 2,4,6-Tribromophenol
 Concen: 69.90 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078468.D
 Acq: 13 Apr 2015 19:04

Tgt Ion:330 Resp: 34759
 Ion Ratio Lower Upper
 330 100
 332 99.1 78.6 117.8
 141 39.0 31.2 46.8



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

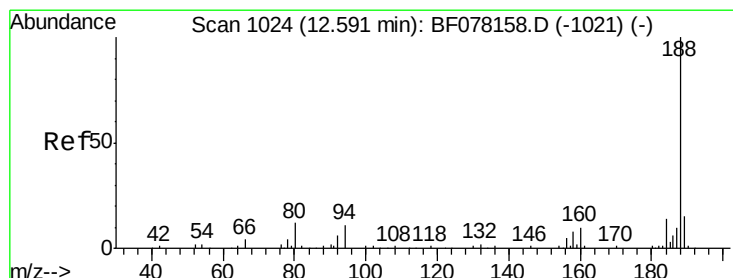
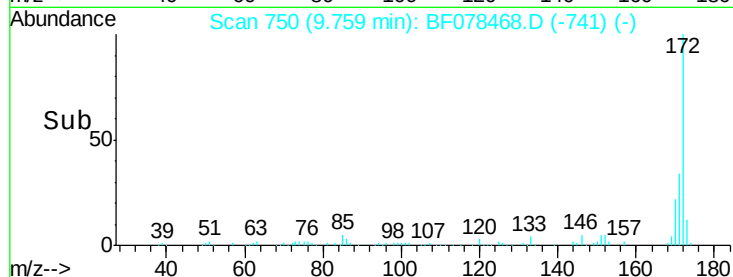
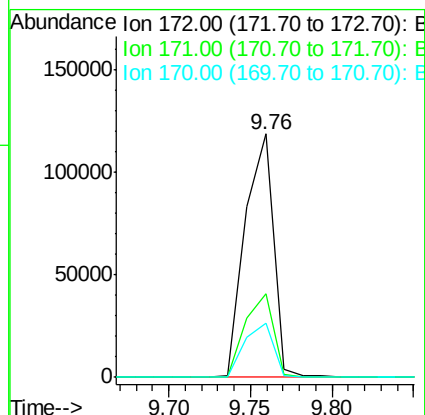
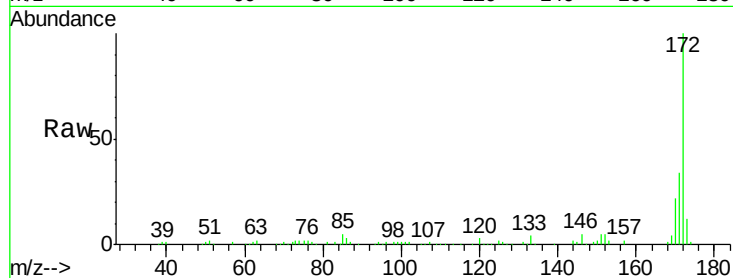




#44
 2-Fluorobiphenyl
 Concen: 34.07 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF078468.D
 Acq: 13 Apr 2015 19:04

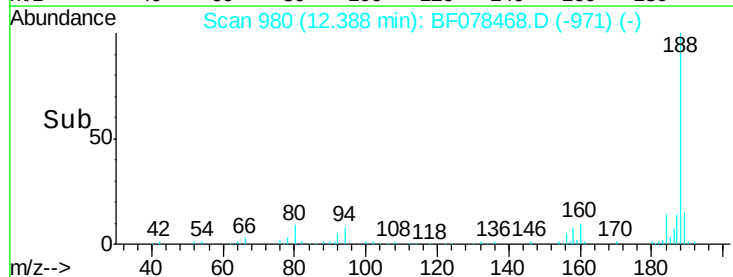
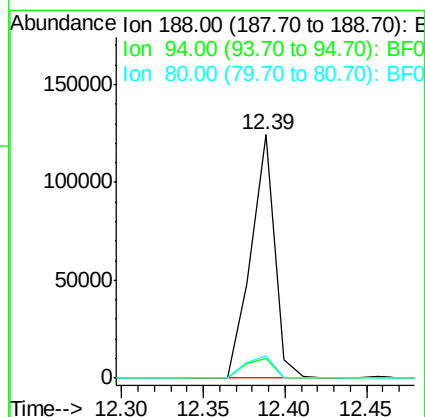
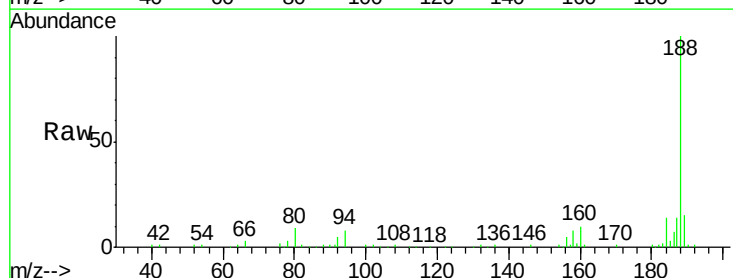
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD06B

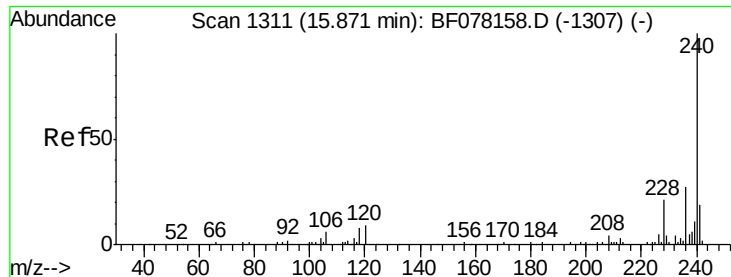
Tgt Ion:172 Resp: 142915
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.6 42.8
 170 22.1 18.5 27.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF078468.D
 Acq: 13 Apr 2015 19:04

Tgt Ion:188 Resp: 125685
 Ion Ratio Lower Upper
 188 100
 94 8.2 9.0 13.4#
 80 8.9 9.5 14.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.63 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF078468.D

Acq: 13 Apr 2015 19:04

Instrument :

BNA_F

ClientSampleId :

LS-SD06B

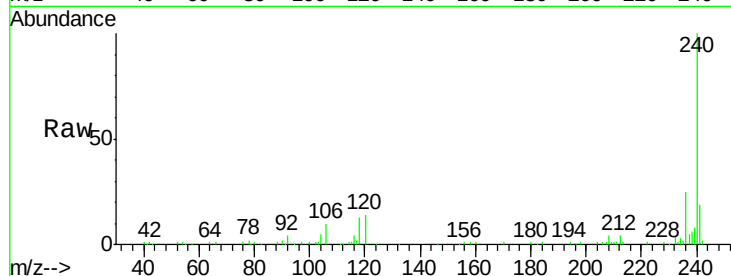
Tgt Ion:240 Resp: 135127

Ion Ratio Lower Upper

240 100

120 14.3 7.1 10.7#

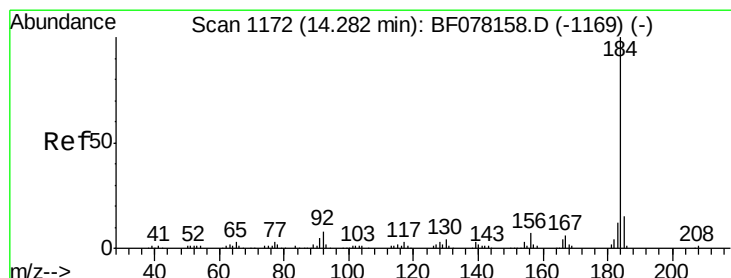
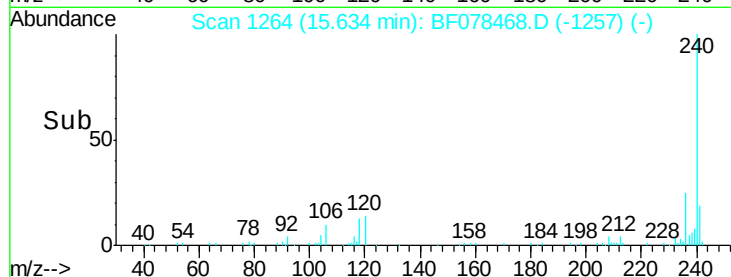
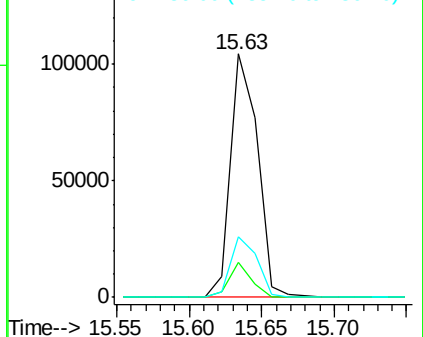
236 24.7 21.4 32.2



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



#76

Benzidine

Concen: 4.67 ng

RT: 14.07 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF078468.D

Acq: 13 Apr 2015 19:04

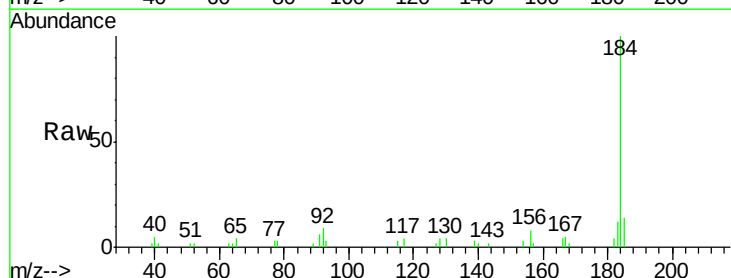
Tgt Ion:184 Resp: 24277

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.2

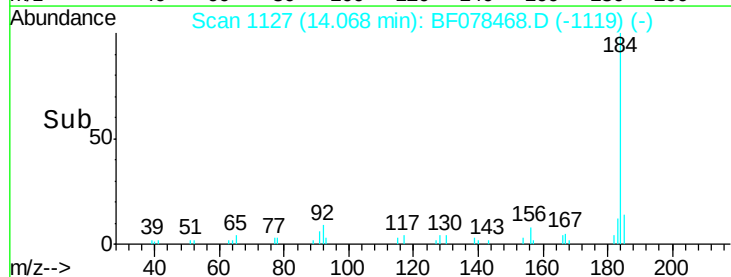
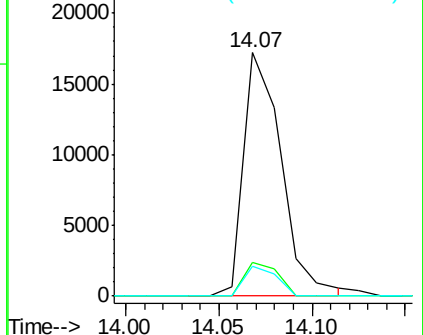
183 12.4 9.5 14.3

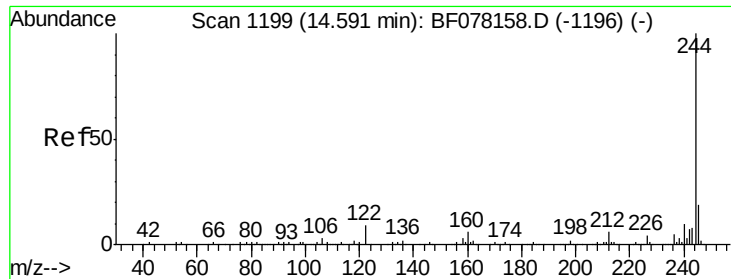


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 37.62 ng

RT: 14.38 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF078468.D

Acq: 13 Apr 2015 19:04

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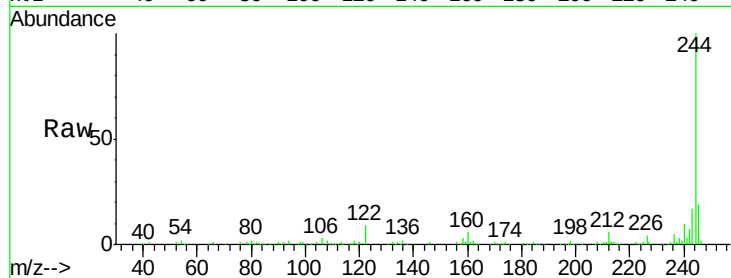
Tgt Ion:244 Resp: 224960

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

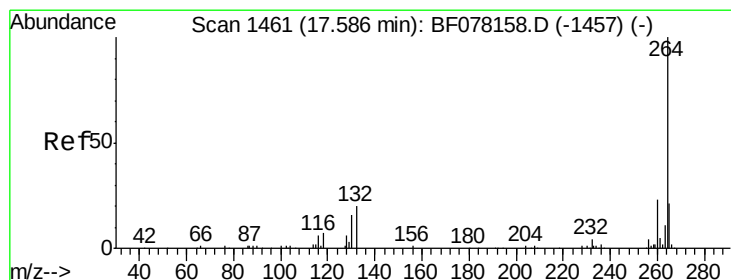
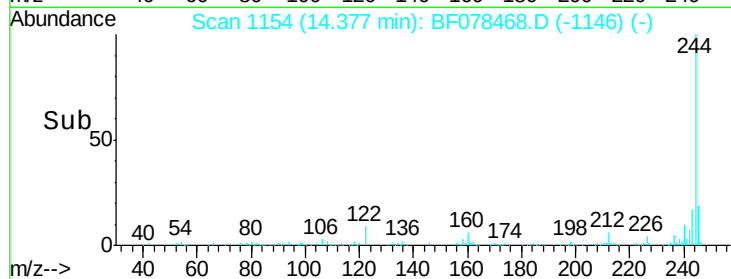
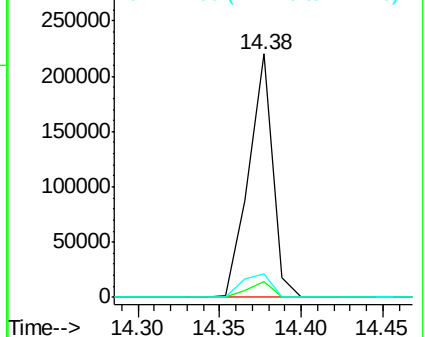
122 9.5 7.1 10.7



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: 17.31 min Scan# 1411

Delta R.T. -0.08 min

Lab File: BF078468.D

Acq: 13 Apr 2015 19:04

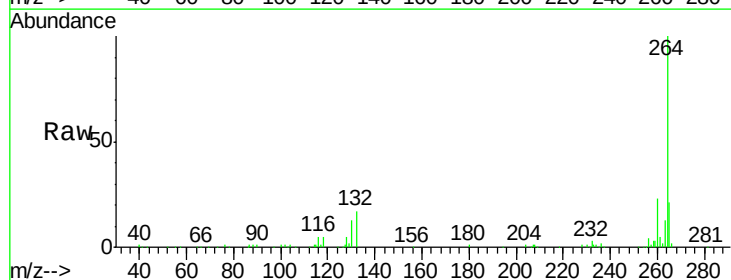
Tgt Ion:264 Resp: 134394

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 20.9 17.0 25.6



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

