

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
 Data File : BF081726.D
 Acq On : 21 Sep 2015 22:07
 Operator : UM/IZ
 Sample : G3717-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

Quant Time: Sep 22 01:06:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

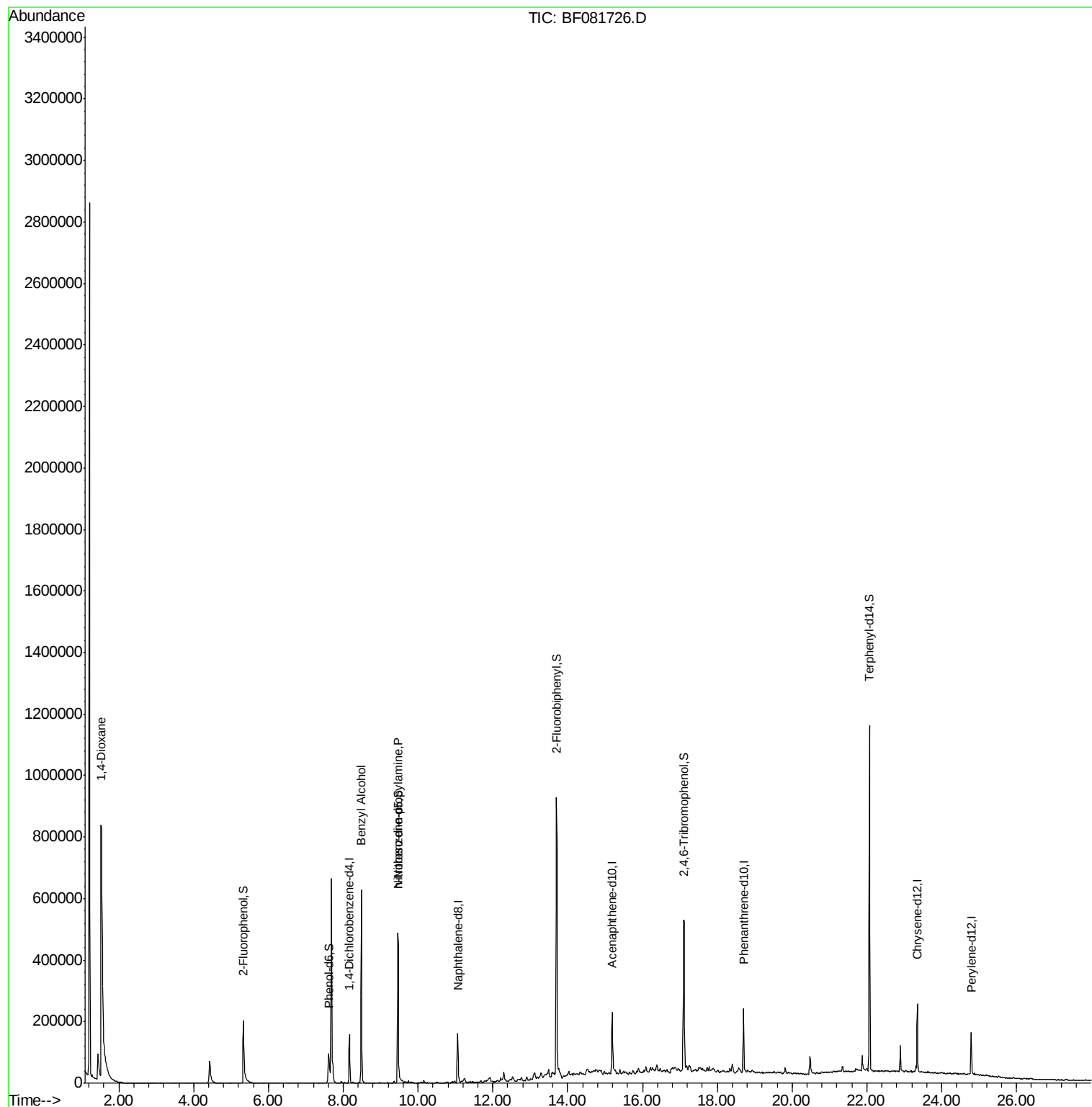
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39900	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	151305	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	72777	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	141151	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	100004	20.00	ng	-0.03
86) Perylene-d12	24.79	264	73039	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	127637	49.63	ng	-0.02
7) Phenol-d6	7.61	99	103065	30.28	ng	-0.03
23) Nitrobenzene-d5	9.46	82	340878	108.70	ng	-0.07
41) 2,4,6-Tribromophenol	17.11	330	99794	154.00	ng	-0.06
44) 2-Fluorobiphenyl	13.71	172	590656	104.00	ng	-0.07
78) Terphenyl-d14	22.07	244	448685	104.44	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.52	88	54484	47.17	ng	# 11
15) Benzyl Alcohol	8.48	79	5860	2.10	ng	# 30
19) n-Nitroso-di-n-propylamine	9.46	70	42121	18.18	ng	# 68

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

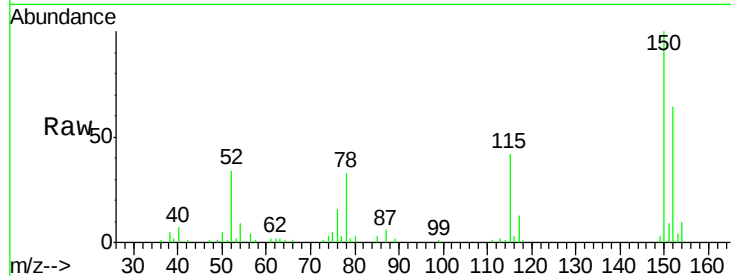
Tgt Ion:152 Resp: 39900

Ion Ratio Lower Upper

152 100

150 156.6 124.7 187.1

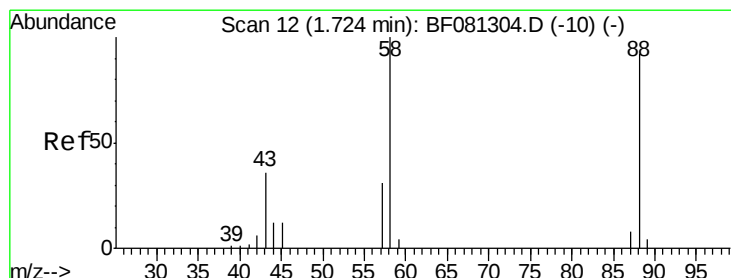
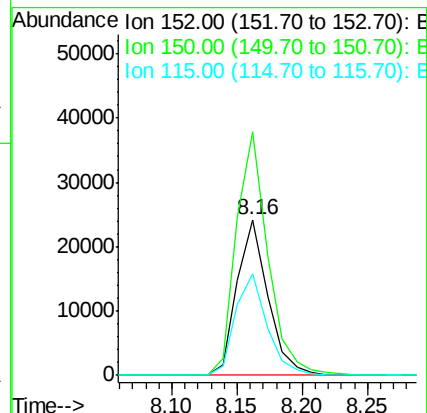
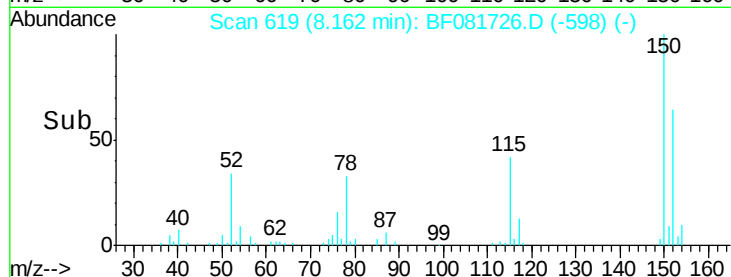
115 65.6 39.0 58.4#



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: 47.17 ng

RT: 1.52 min Scan# 38

Delta R.T. -0.04 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

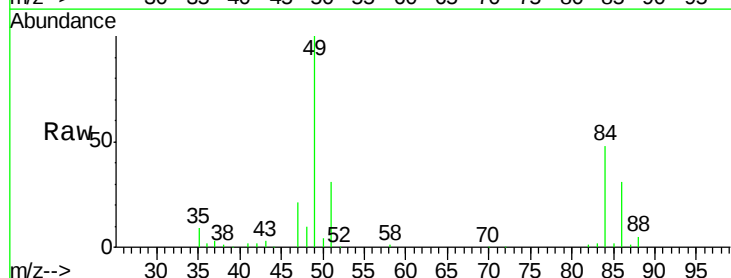
Tgt Ion: 88 Resp: 54484

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

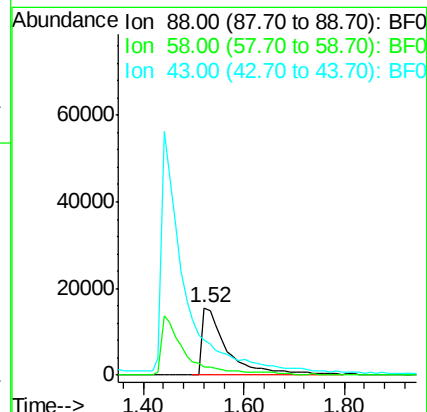
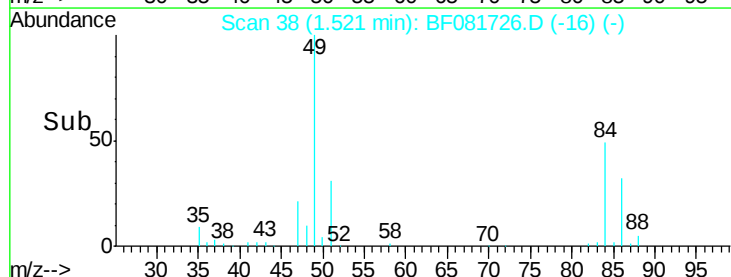
43 0.0 26.6 40.0#



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: 49.63 ng

RT: 5.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

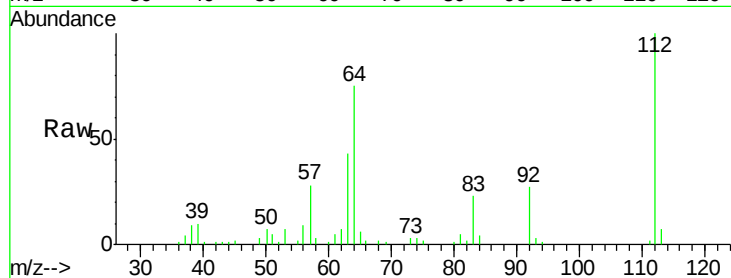
Tgt Ion: 112 Resp: 127637

Ion Ratio Lower Upper

112 100

64 75.4 39.7 59.5#

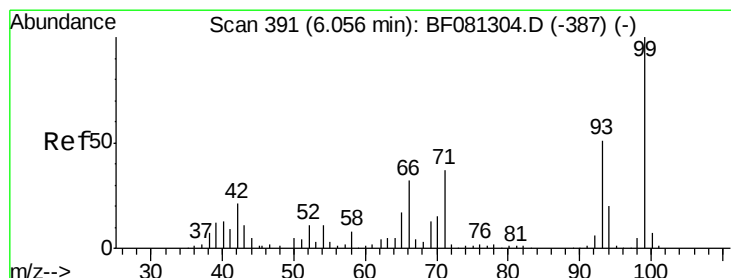
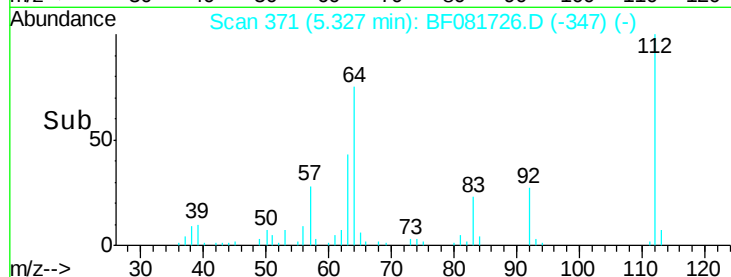
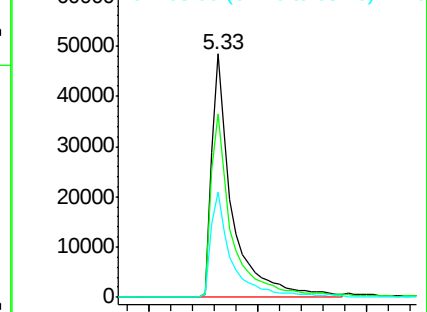
63 43.2 17.4 26.0#



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: 30.28 ng

RT: 7.61 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

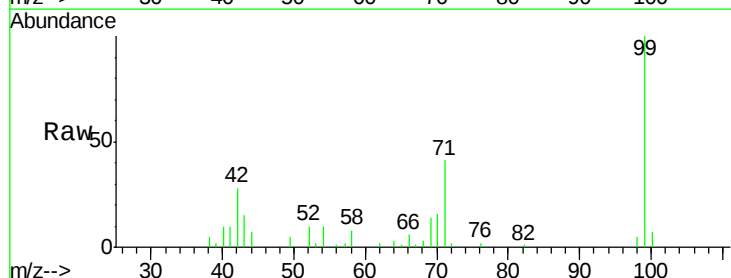
Tgt Ion: 99 Resp: 103065

Ion Ratio Lower Upper

99 100

42 27.7 13.7 20.5#

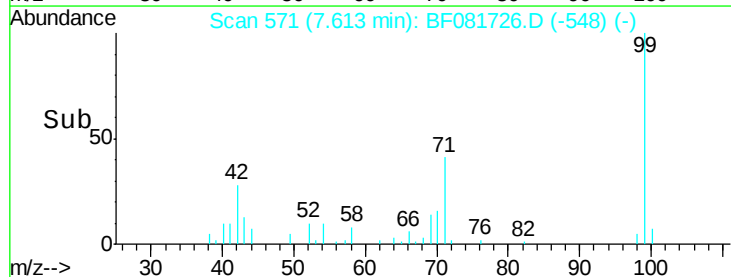
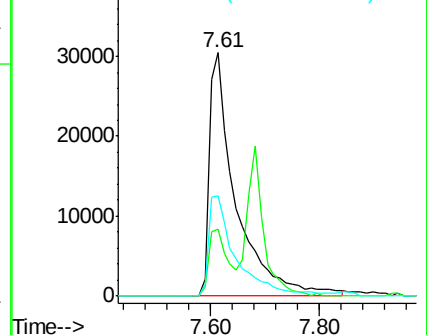
71 41.1 14.2 21.2#

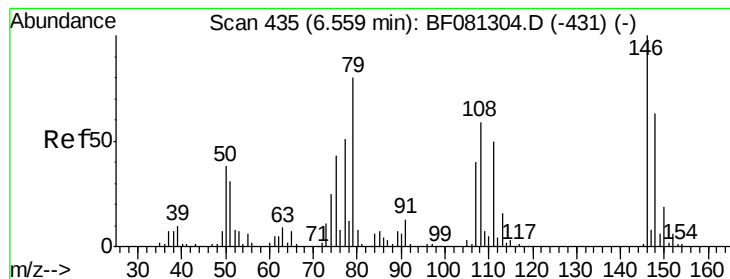


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 8.48 min Scan# 647

Delta R.T. -0.18 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

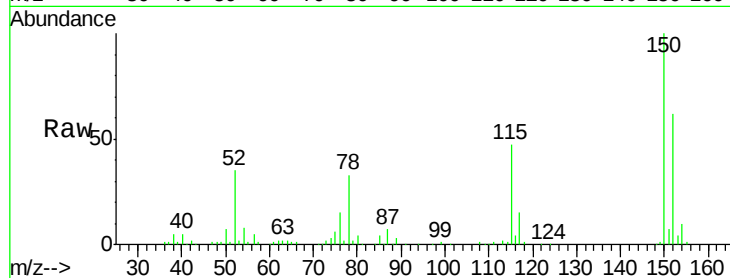
Tgt Ion: 79 Resp: 5860

Ion Ratio Lower Upper

79 100

108 26.3 88.6 132.8#

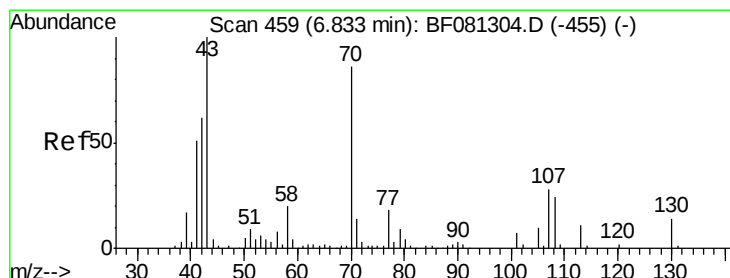
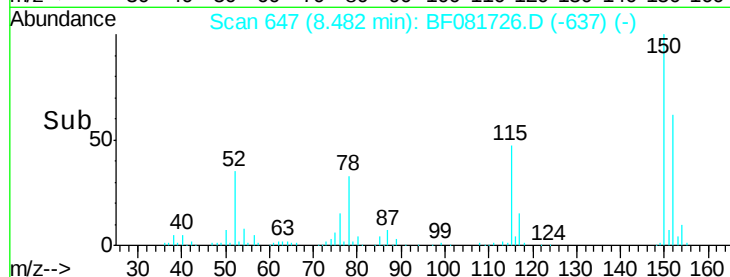
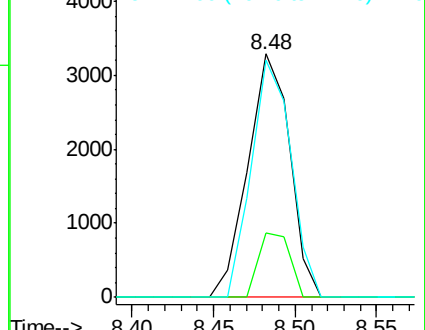
77 97.5 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.18 ng

RT: 9.46 min Scan# 733

Delta R.T. 0.17 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

Tgt Ion: 70 Resp: 42121

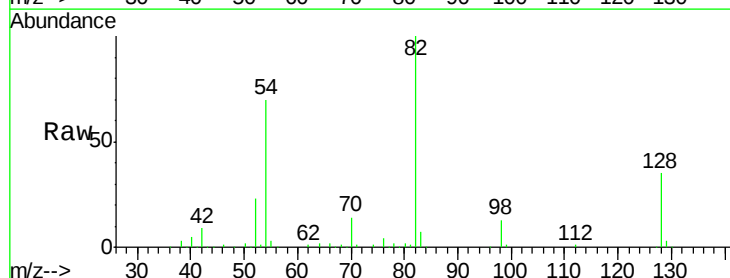
Ion Ratio Lower Upper

70 100

42 60.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

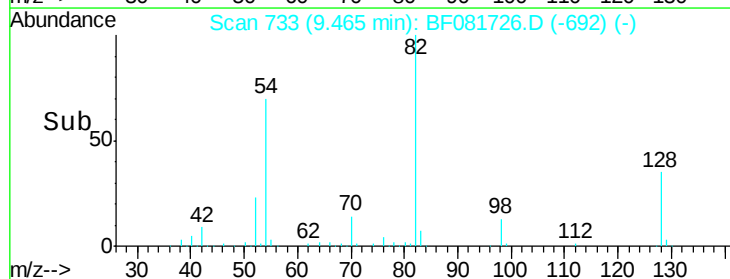
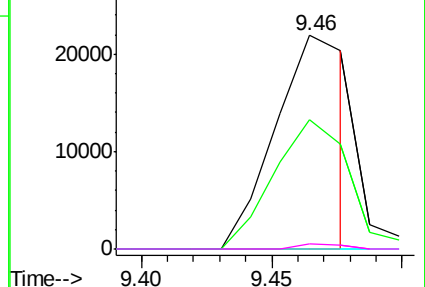


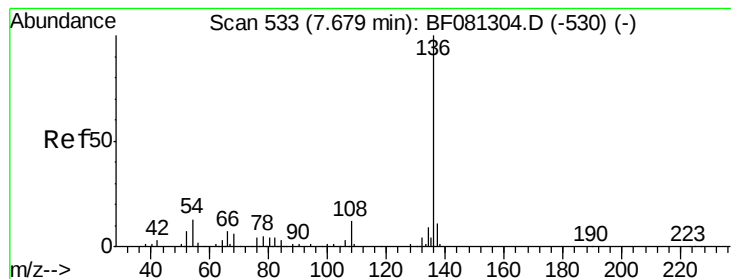
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

Tgt Ion: 136 Resp: 151305

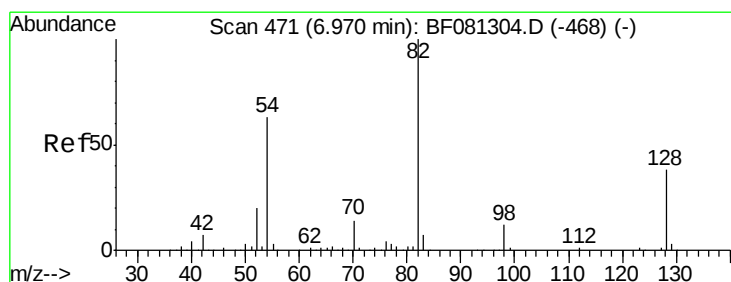
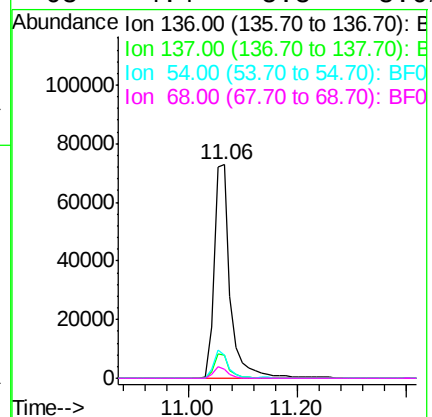
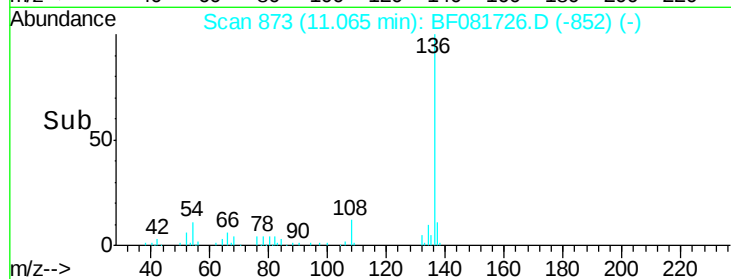
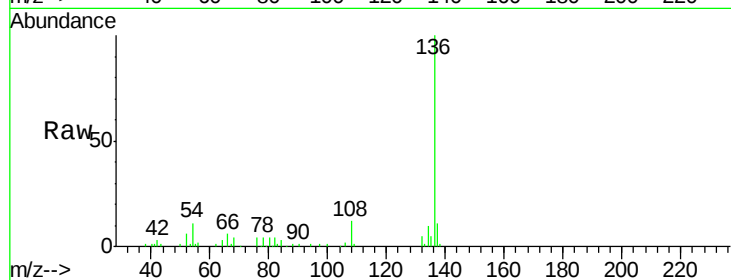
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 10.8 8.2 12.2

68 4.4 5.8 8.6#



#23

Nitrobenzene-d5

Concen: 108.70 ng

RT: 9.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

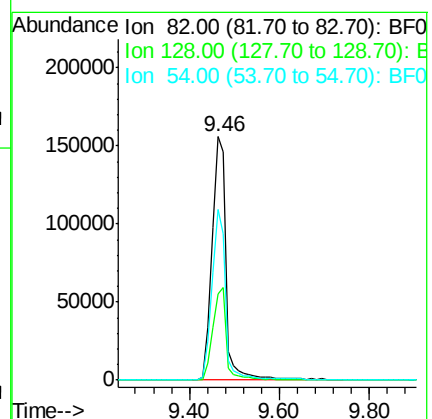
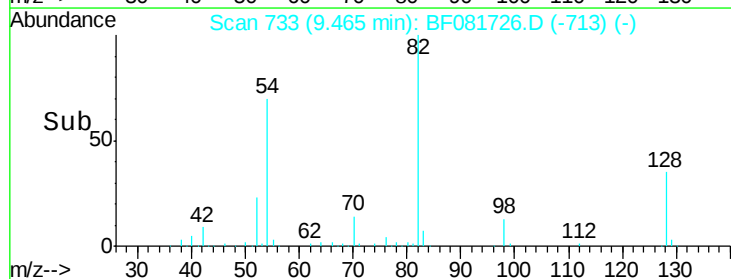
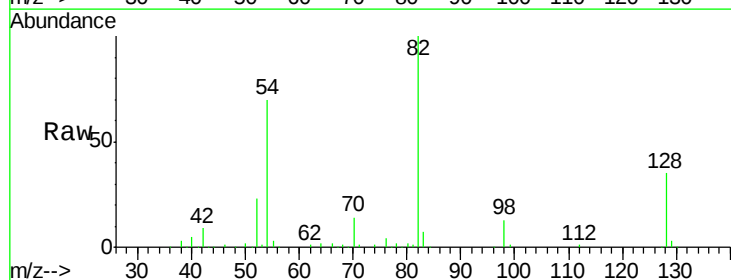
Tgt Ion: 82 Resp: 340878

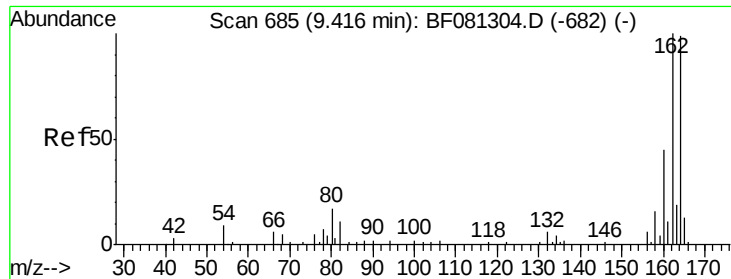
Ion Ratio Lower Upper

82 100

128 35.2 51.0 76.6#

54 70.2 47.5 71.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

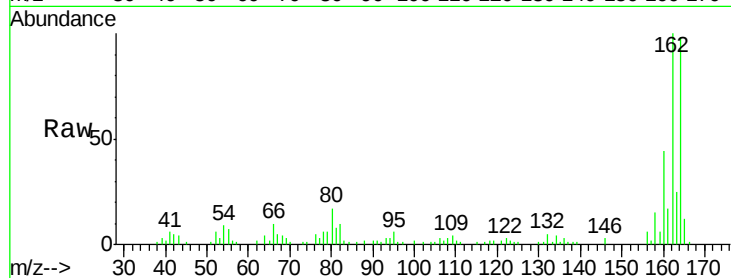
Tgt Ion:164 Resp: 72777

Ion Ratio Lower Upper

164 100

162 102.4 75.2 112.8

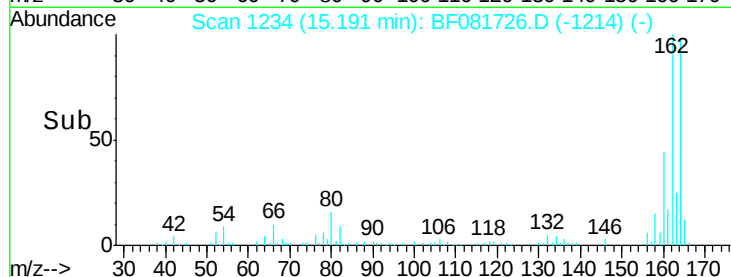
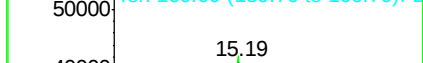
160 44.9 31.5 47.3



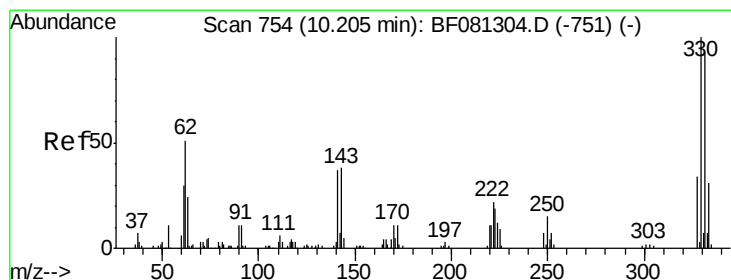
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 154.00 ng

RT: 17.11 min Scan# 1402

Delta R.T. -0.06 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

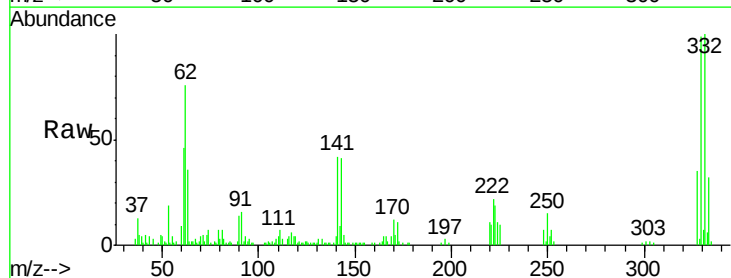
Tgt Ion:330 Resp: 99794

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

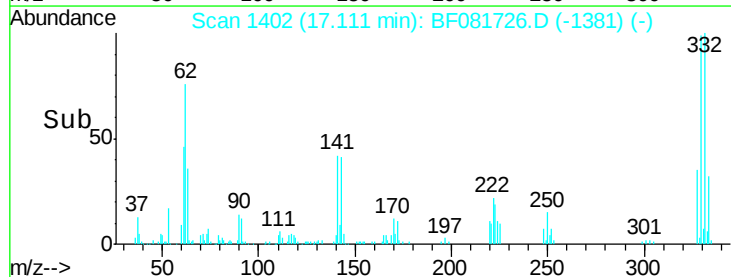
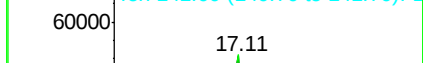
141 50.9 29.7 44.5#



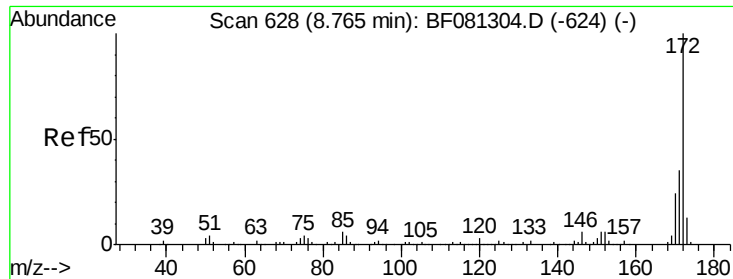
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



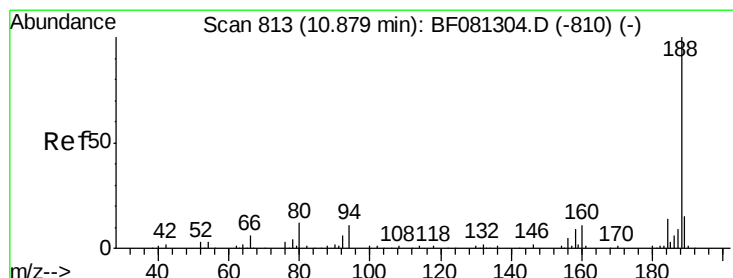
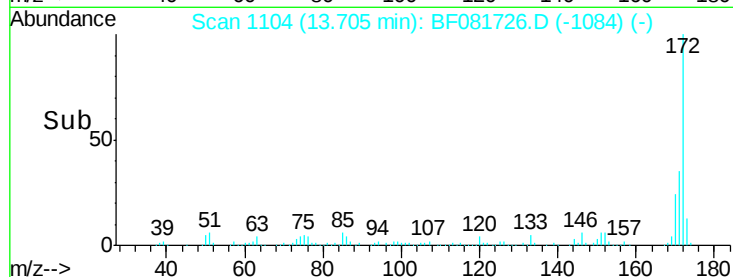
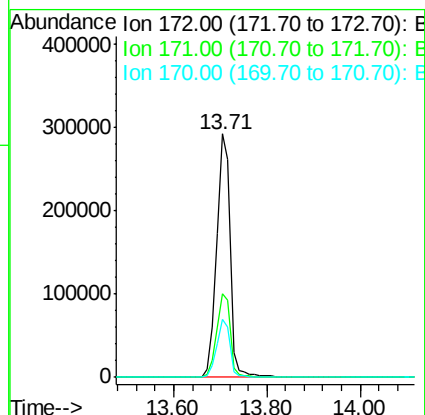
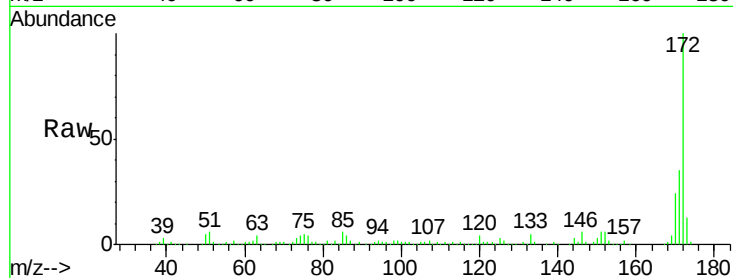
Time-->



#44
 2-Fluorobiphenyl
 Concen: 104.00 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081726.D
 Acq: 21 Sep 2015 22:07

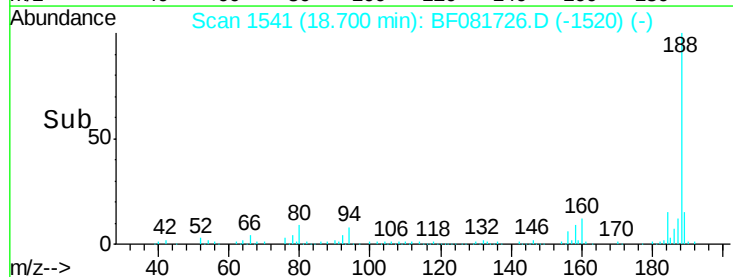
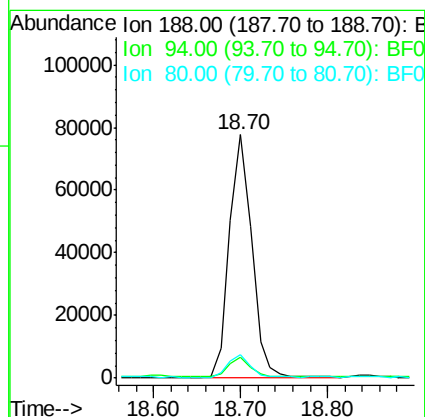
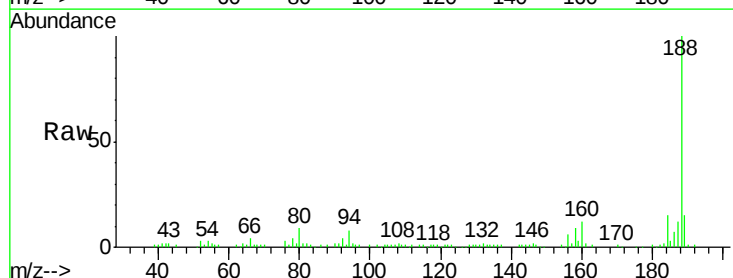
Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

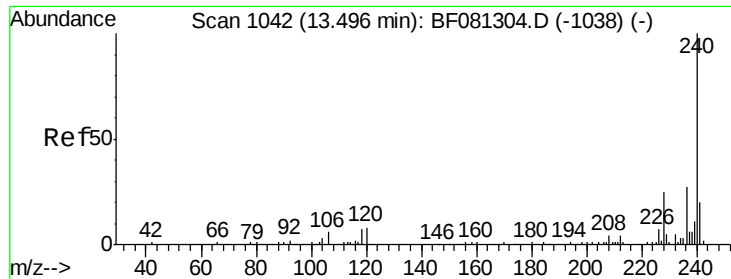
Tgt Ion:172 Resp: 590656
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.1 39.1
 170 23.9 17.4 26.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.70 min Scan# 1541
 Delta R.T. -0.06 min
 Lab File: BF081726.D
 Acq: 21 Sep 2015 22:07

Tgt Ion:188 Resp: 141151
 Ion Ratio Lower Upper
 188 100
 94 8.4 11.1 16.7#
 80 9.4 11.0 16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

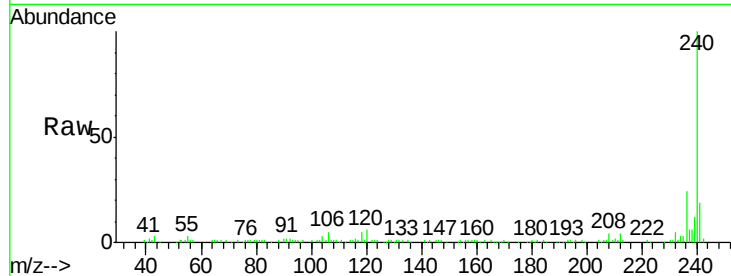
Tgt Ion:240 Resp: 100004

Ion Ratio Lower Upper

240 100

120 6.3 16.2 24.2#

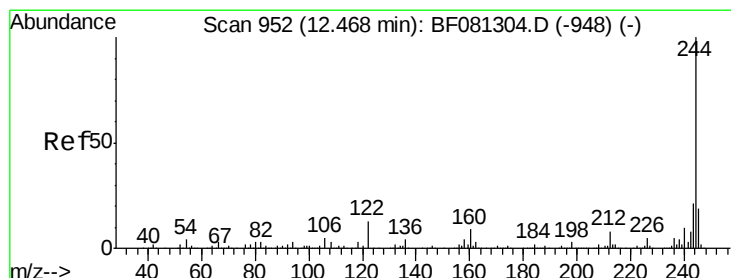
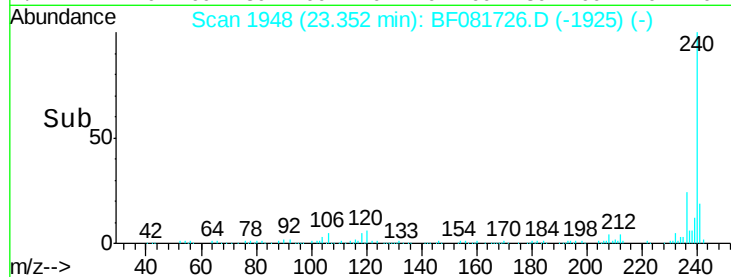
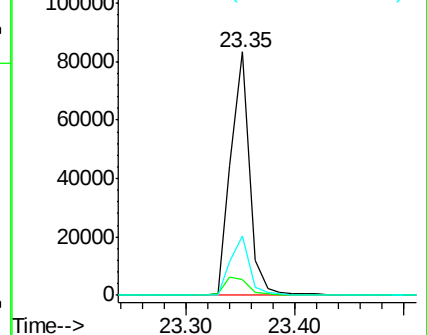
236 24.4 18.4 27.6



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: 104.44 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

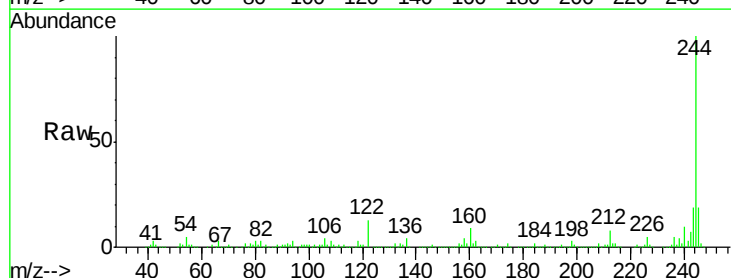
Tgt Ion:244 Resp: 448685

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

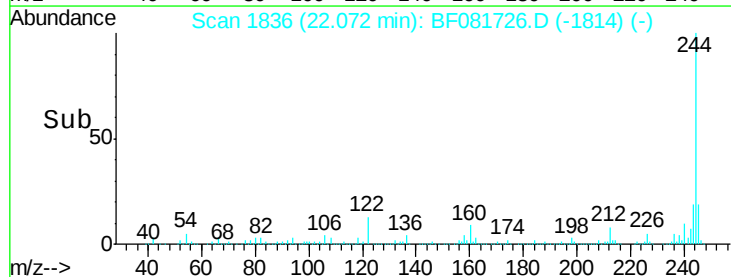
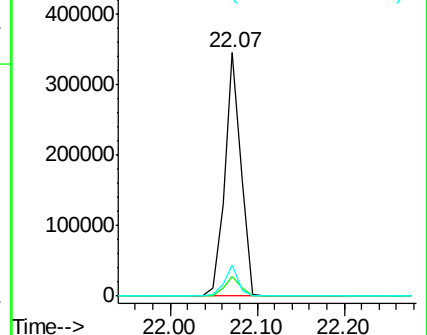
122 12.8 17.4 26.2#

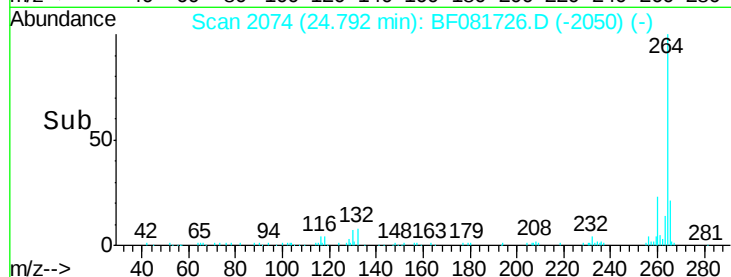
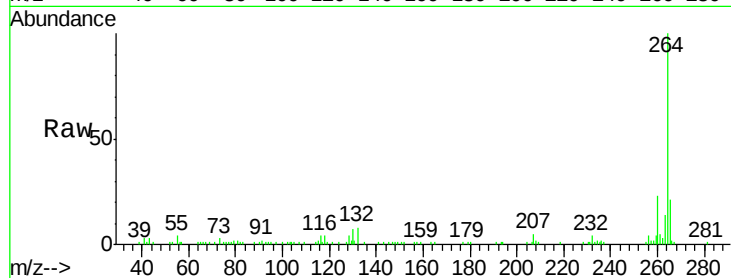
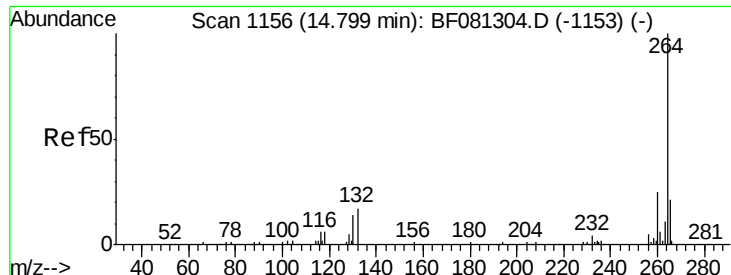


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.79 min Scan# 2074

Delta R.T. -0.02 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

Tgt Ion: 264 Resp: 73039

Ion Ratio Lower Upper

264 100

260 23.4 16.7 25.1

265 20.6 17.2 25.8

