

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
 Data File : BF081727.D
 Acq On : 21 Sep 2015 22:44
 Operator : UM/IZ
 Sample : G3717-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-17-15

Quant Time: Sep 22 01:06:22 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

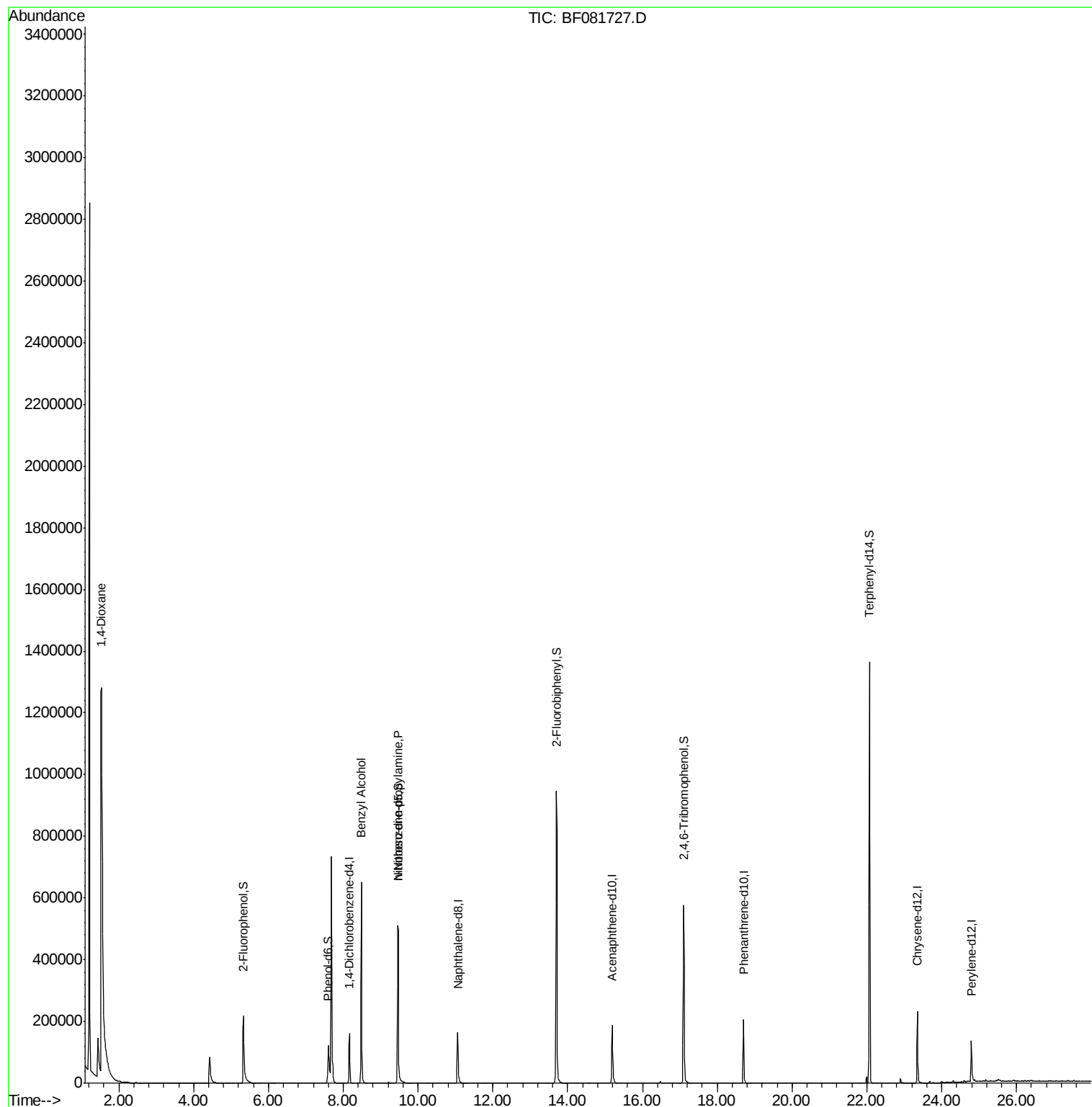
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42960	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	163768	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	77043	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	162546	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	124142	20.00	ng	-0.03
86) Perylene-d12	24.79	264	87648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	137282	49.58	ng	-0.02
7) Phenol-d6	7.60	99	111216	30.34	ng	-0.04
23) Nitrobenzene-d5	9.46	82	362087	106.67	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	113510	165.47	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	628863	104.60	ng	-0.07
78) Terphenyl-d14	22.07	244	649564	121.80	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.52	88	88349	71.05	ng	# 11
15) Benzyl Alcohol	8.48	79	6285	2.09	ng	# 32
19) n-Nitroso-di-n-propylamine	9.46	70	44256	17.74	ng	# 69

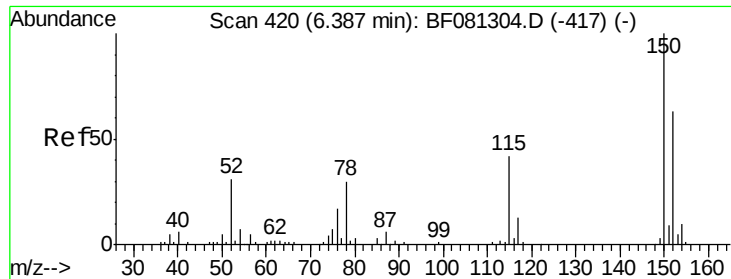
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081727.D

Acq: 21 Sep 2015 22:44

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-17-15

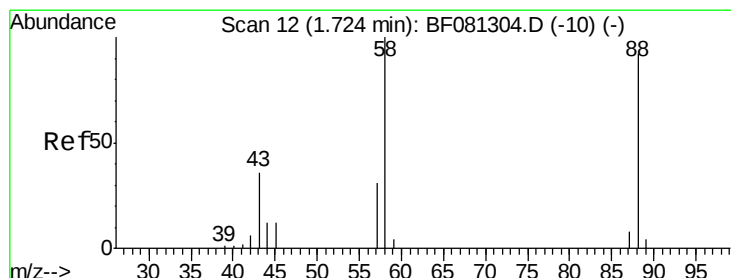
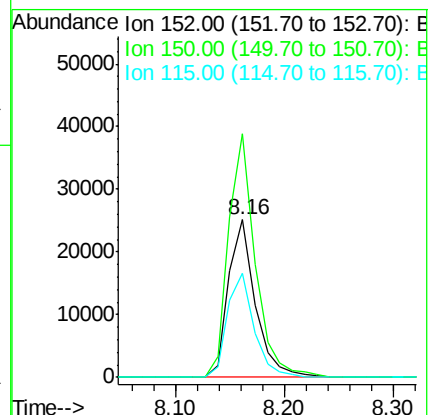
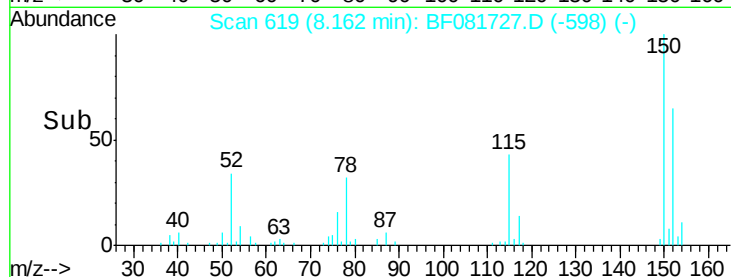
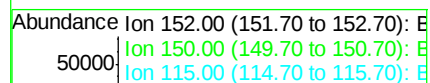
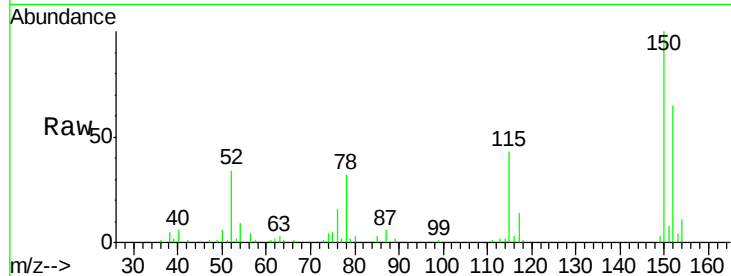
Tgt Ion:152 Resp: 42960

Ion Ratio Lower Upper

152 100

150 154.7 124.7 187.1

115 66.4 39.0 58.4#



#2

1,4-Dioxane

Concen: 71.05 ng

RT: 1.52 min Scan# 38

Delta R.T. -0.04 min

Lab File: BF081727.D

Acq: 21 Sep 2015 22:44

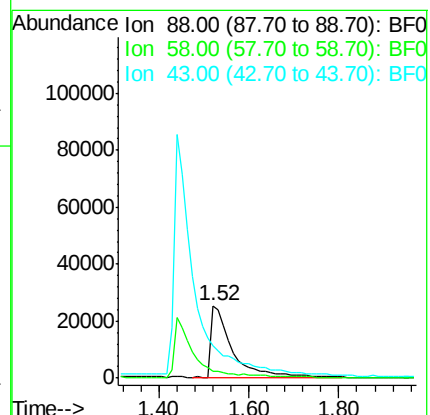
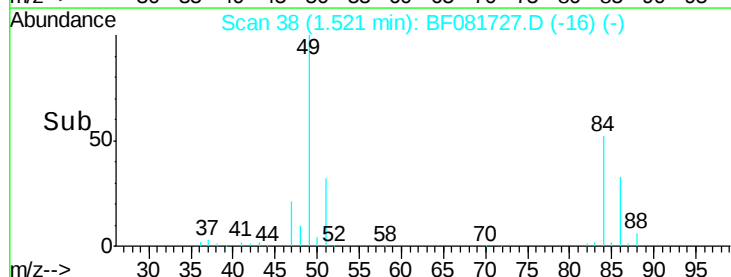
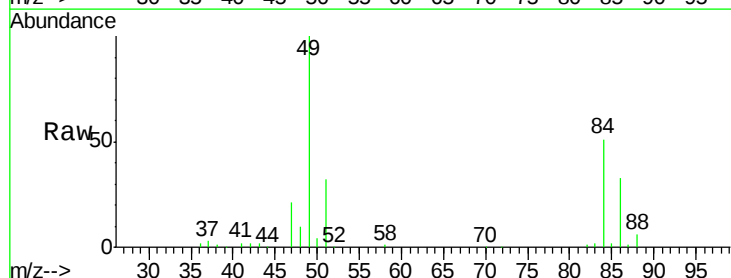
Tgt Ion: 88 Resp: 88349

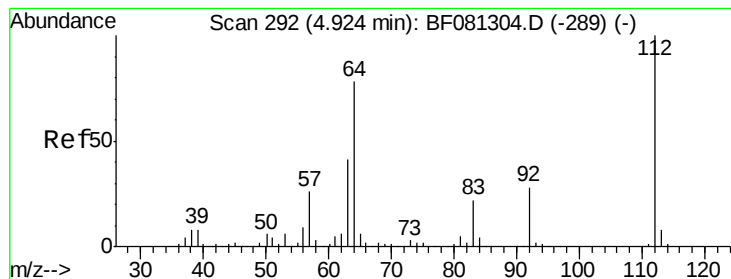
Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

43 0.0 26.6 40.0#





#5

2-Fluorophenol

Concen: 49.58 ng

RT: 5.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF081727.D

Acq: 21 Sep 2015 22:44

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-17-15

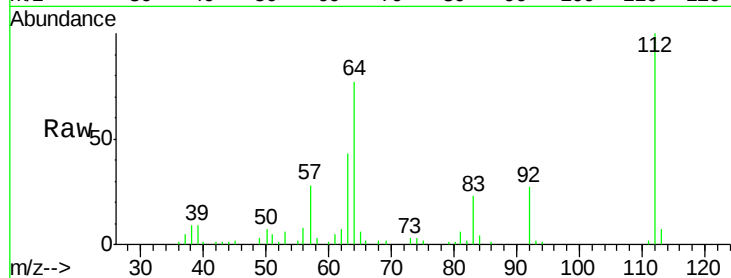
Tgt Ion: 112 Resp: 137282

Ion Ratio Lower Upper

112 100

64 76.7 39.7 59.5#

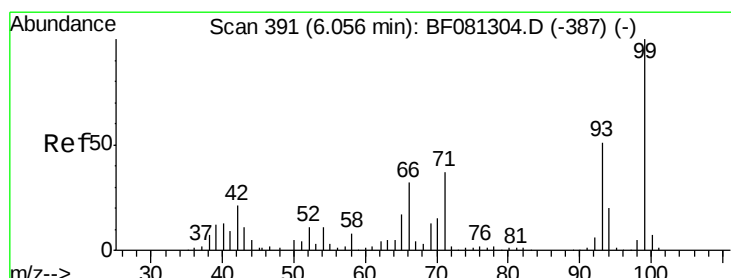
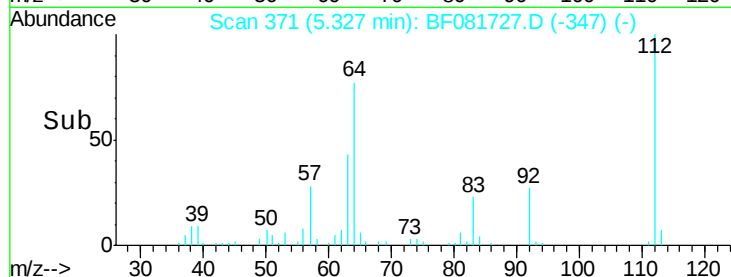
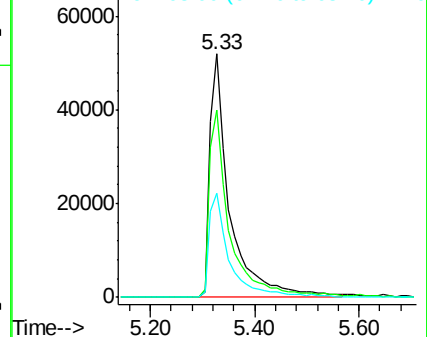
63 42.5 17.4 26.0#



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: 30.34 ng

RT: 7.60 min Scan# 570

Delta R.T. -0.04 min

Lab File: BF081727.D

Acq: 21 Sep 2015 22:44

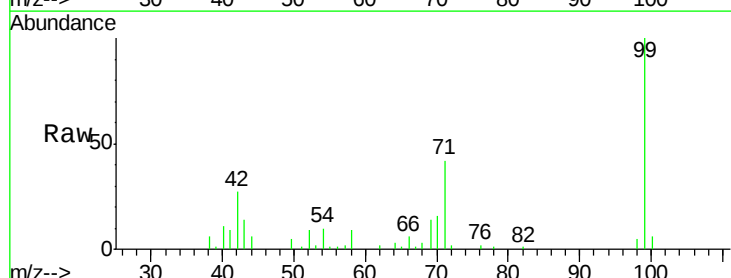
Tgt Ion: 99 Resp: 111216

Ion Ratio Lower Upper

99 100

42 27.1 13.7 20.5#

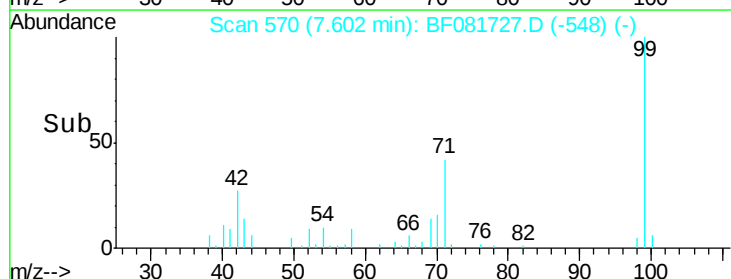
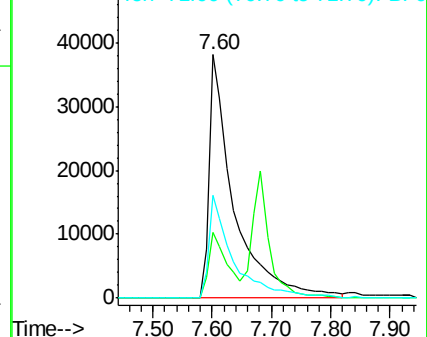
71 42.1 14.2 21.2#

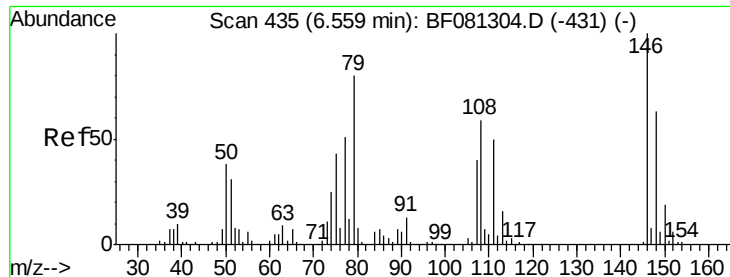


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 8.48 min Scan# 647

Delta R.T. -0.18 min

Lab File: BF081727.D

Acq: 21 Sep 2015 22:44

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-17-15

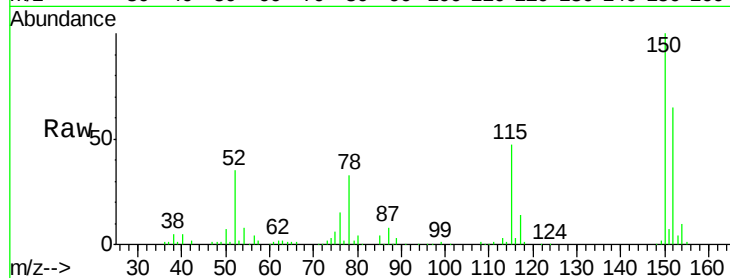
Tgt Ion: 79 Resp: 6285

Ion Ratio Lower Upper

79 100

108 23.5 88.6 132.8#

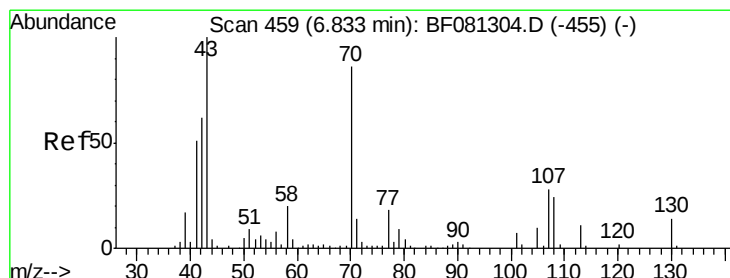
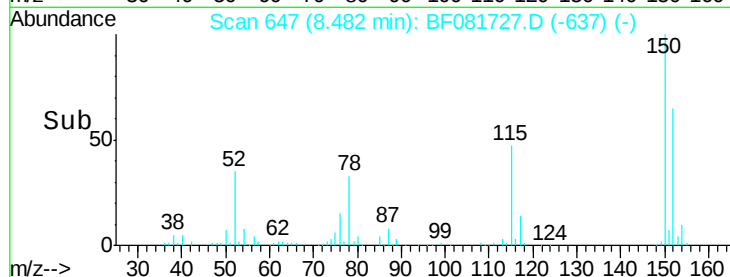
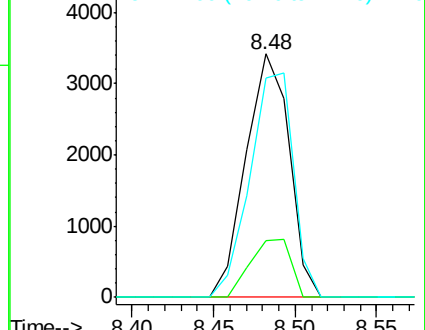
77 89.9 47.0 70.4#



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: 17.74 ng

RT: 9.46 min Scan# 733

Delta R.T. 0.17 min

Lab File: BF081727.D

Acq: 21 Sep 2015 22:44

Tgt Ion: 70 Resp: 44256

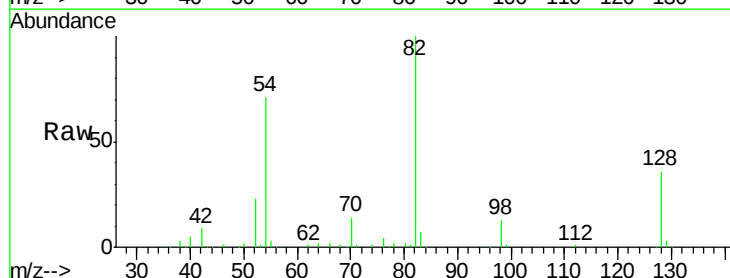
Ion Ratio Lower Upper

70 100

42 62.0 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

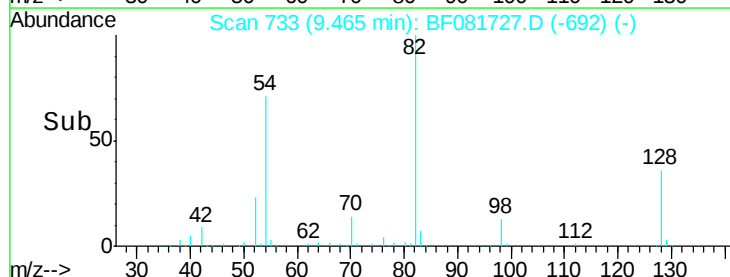
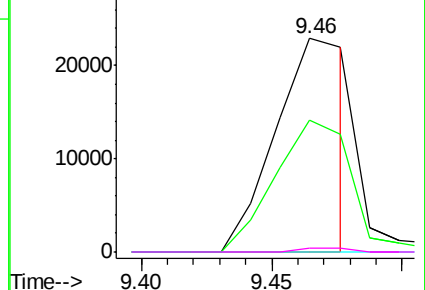


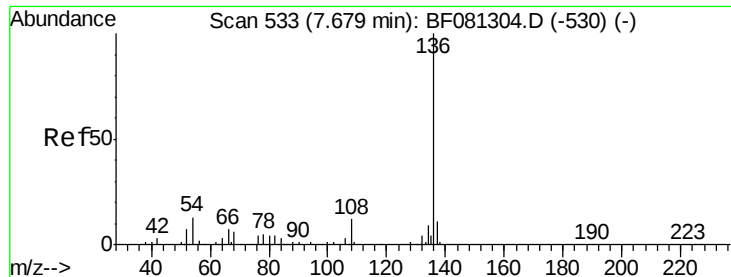
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF081727.D

Acq: 21 Sep 2015 22:44

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-17-15

Tgt Ion:136 Resp: 163768

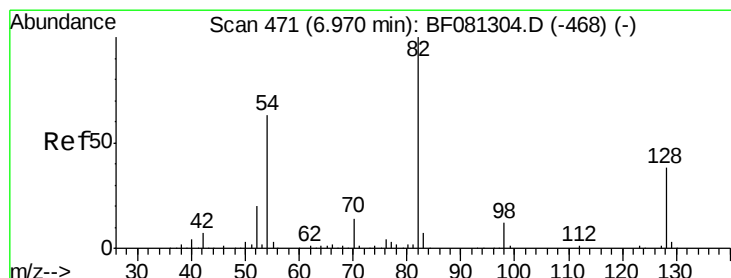
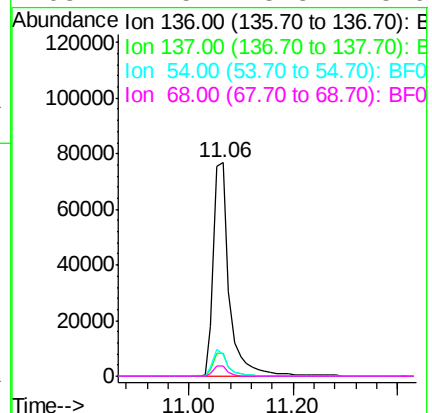
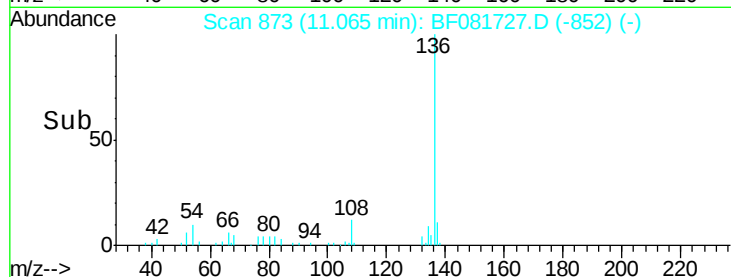
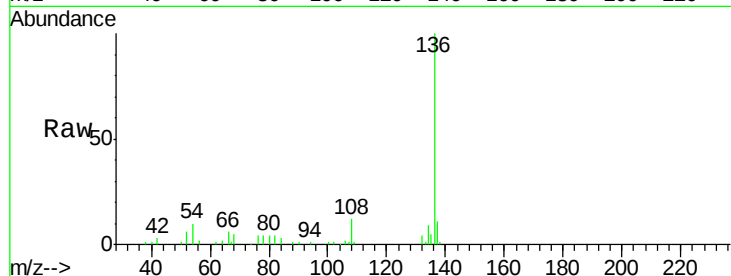
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 10.3 8.2 12.2

68 4.5 5.8 8.6#



#23

Nitrobenzene-d5

Concen: 106.67 ng

RT: 9.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF081727.D

Acq: 21 Sep 2015 22:44

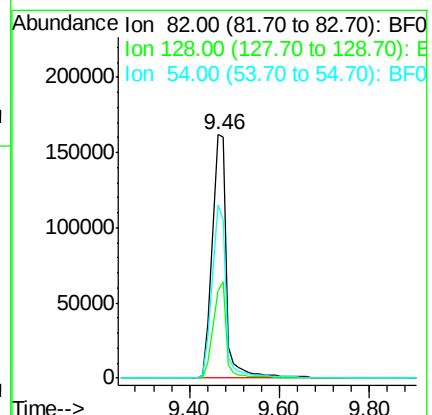
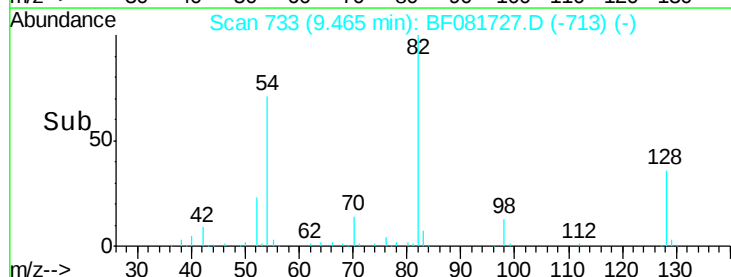
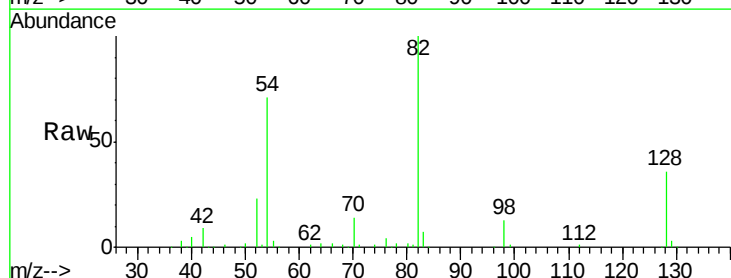
Tgt Ion: 82 Resp: 362087

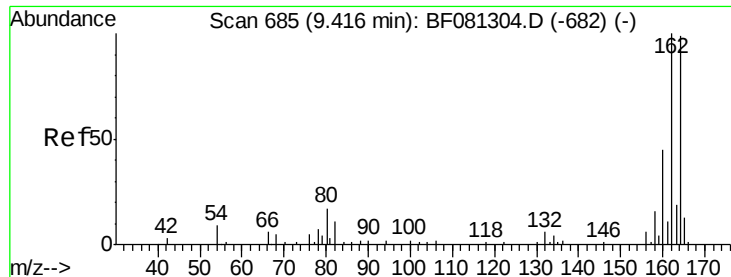
Ion Ratio Lower Upper

82 100

128 36.1 51.0 76.6#

54 71.3 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: BF081727.D

Acq: 21 Sep 2015 22:44

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-17-15

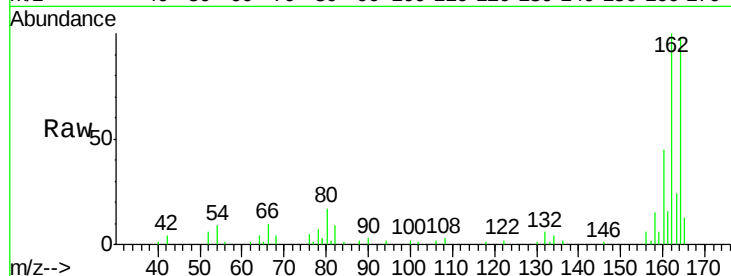
Tgt Ion:164 Resp: 77043

Ion Ratio Lower Upper

164 100

162 101.7 75.2 112.8

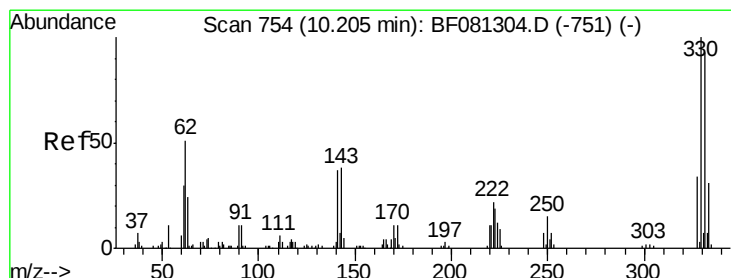
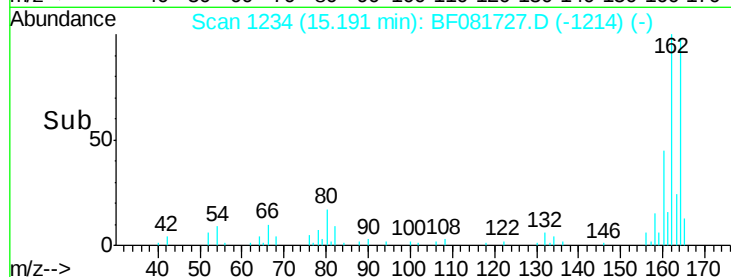
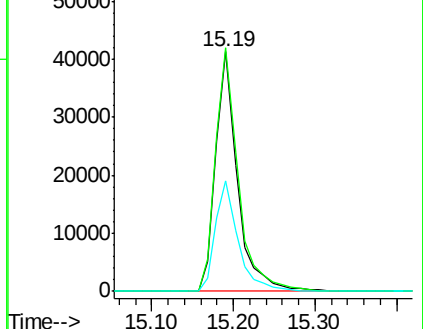
160 46.0 31.5 47.3



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



#41

2,4,6-Tribromophenol

Concen: 165.47 ng

RT: 17.10 min Scan# 1401

Delta R.T. -0.07 min

Lab File: BF081727.D

Acq: 21 Sep 2015 22:44

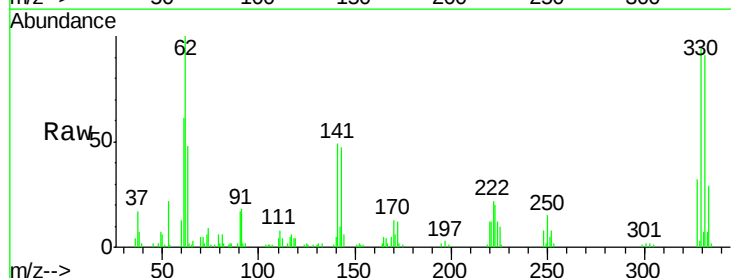
Tgt Ion:330 Resp: 113510

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

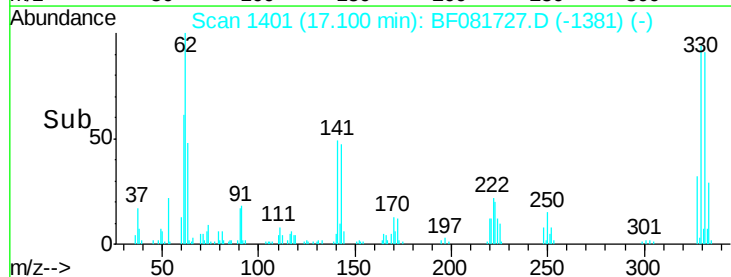
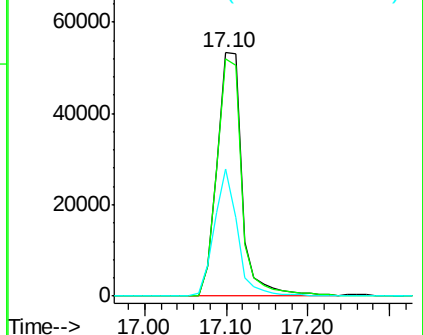
141 48.1 29.7 44.5#

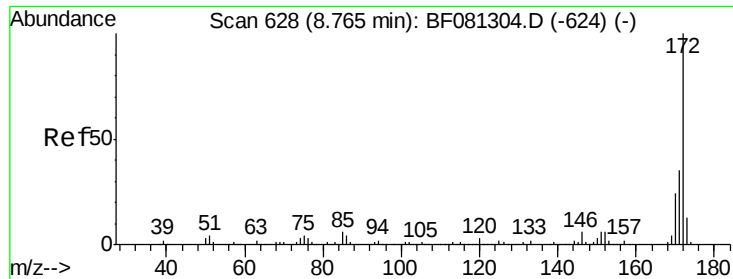


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

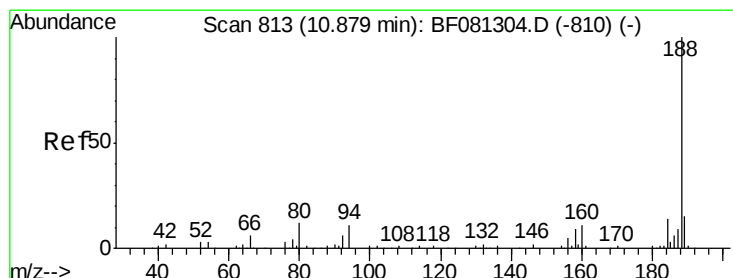
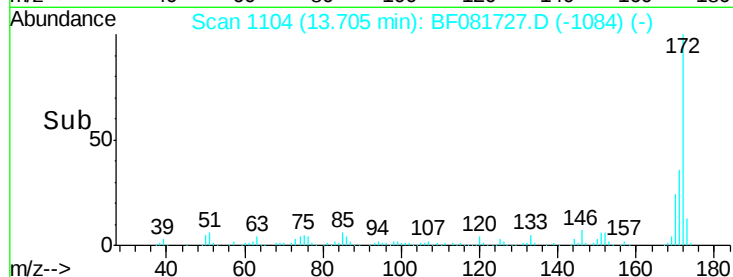
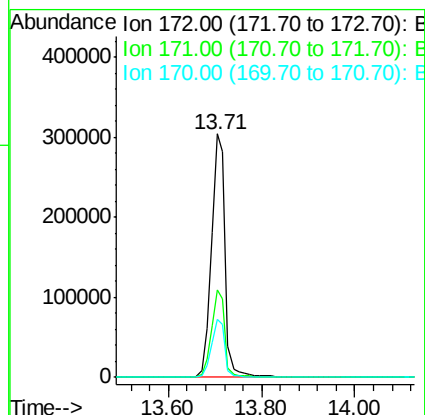
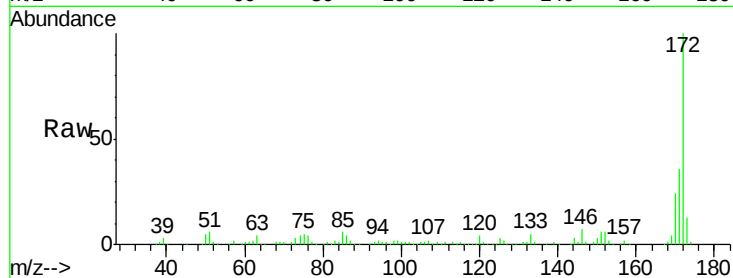




#44
 2-Fluorobiphenyl
 Concen: 104.60 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081727.D
 Acq: 21 Sep 2015 22:44

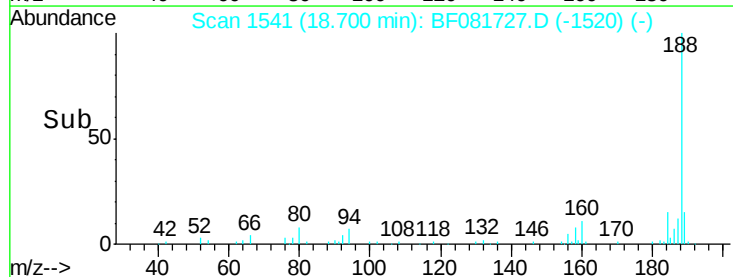
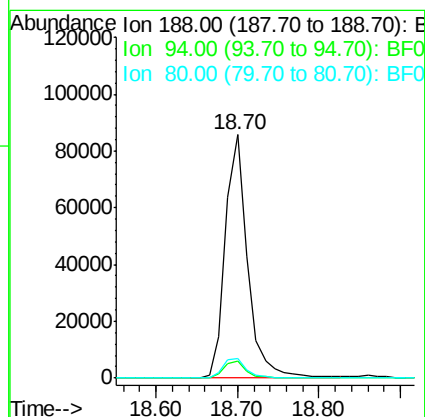
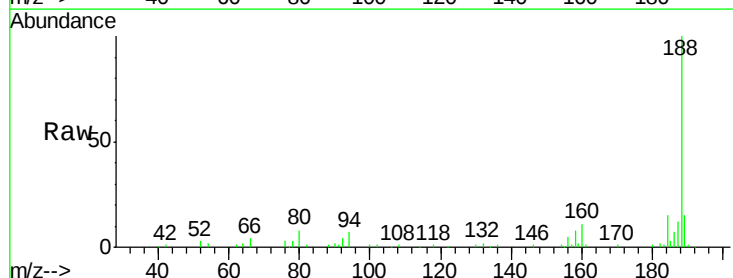
Instrument :
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 FIELDBLANK-9-17-15

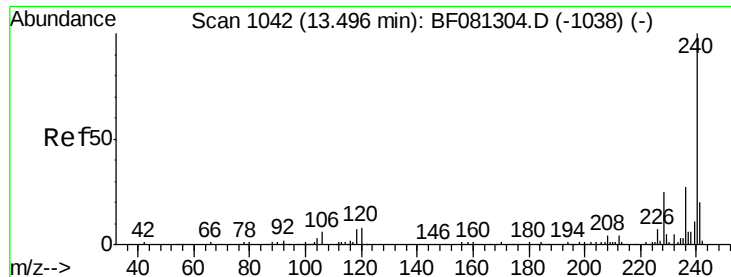
Tgt Ion:172 Resp: 628863
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 23.9 17.4 26.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.70 min Scan# 1541
 Delta R.T. -0.06 min
 Lab File: BF081727.D
 Acq: 21 Sep 2015 22:44

Tgt Ion:188 Resp: 162546
 Ion Ratio Lower Upper
 188 100
 94 7.1 11.1 16.7#
 80 8.3 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: BF081727.D

Acq: 21 Sep 2015 22:44

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-17-15

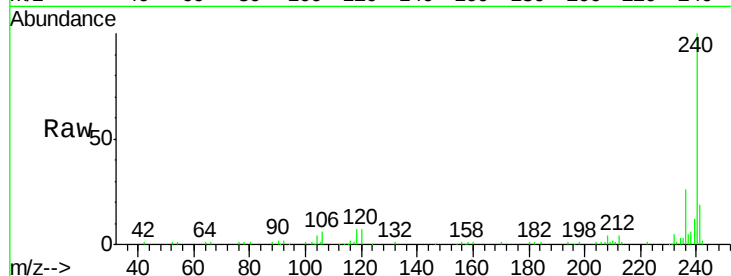
Tgt Ion:240 Resp: 124142

Ion Ratio Lower Upper

240 100

120 6.8 16.2 24.2#

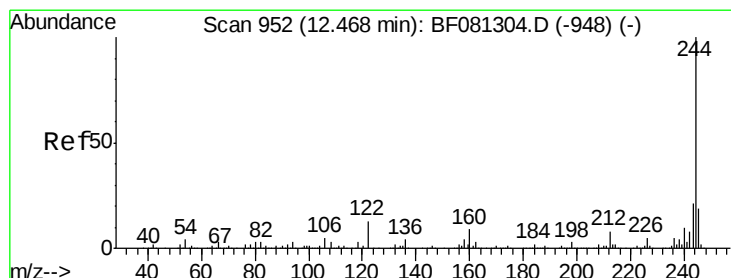
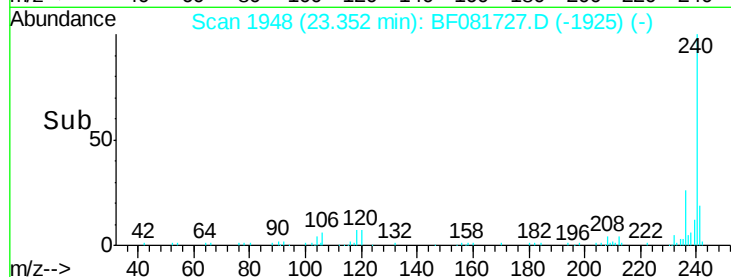
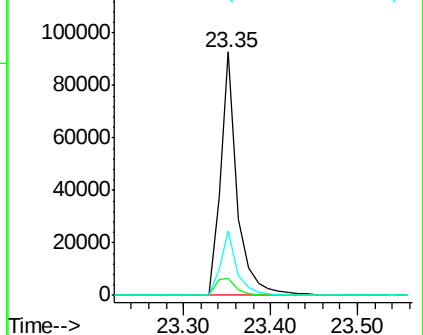
236 26.3 18.4 27.6



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: 121.80 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081727.D

Acq: 21 Sep 2015 22:44

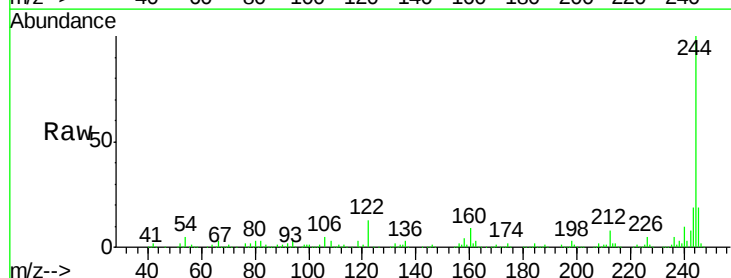
Tgt Ion:244 Resp: 649564

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

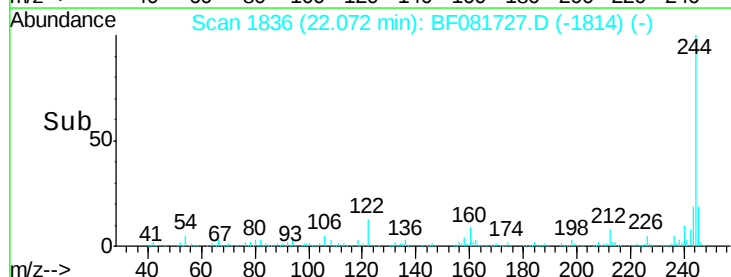
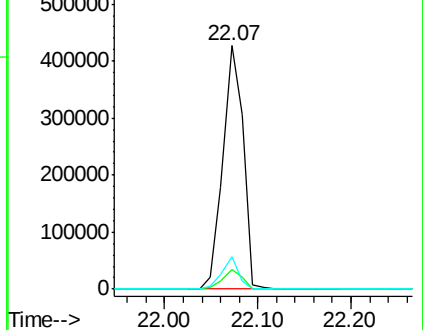
122 13.2 17.4 26.2#

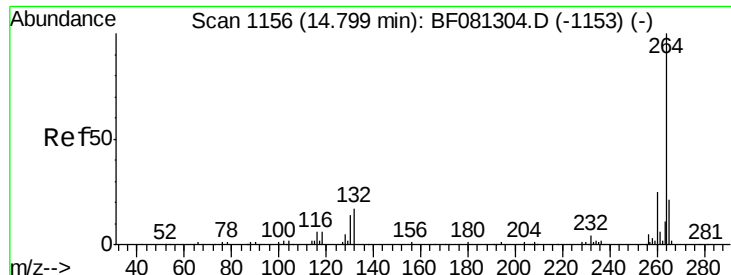


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

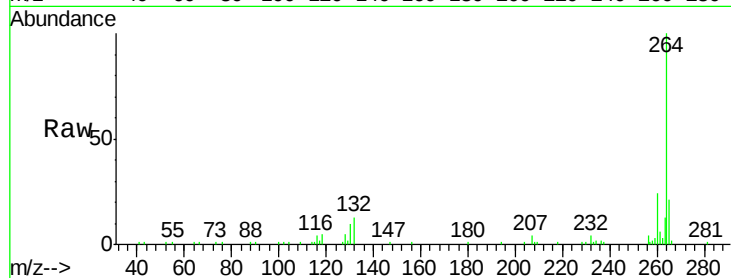




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. -0.02 min
Lab File: BF081727.D
Acq: 21 Sep 2015 22:44

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-9-17-15

Tgt Ion: 264 Resp: 87648
Ion Ratio Lower Upper
264 100
260 23.7 16.7 25.1
265 21.4 17.2 25.8



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

