

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
 Data File : BF081718.D
 Acq On : 21 Sep 2015 17:15
 Operator : UM/IZ
 Sample : G3717-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-9-16-15

Quant Time: Sep 22 01:02:24 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

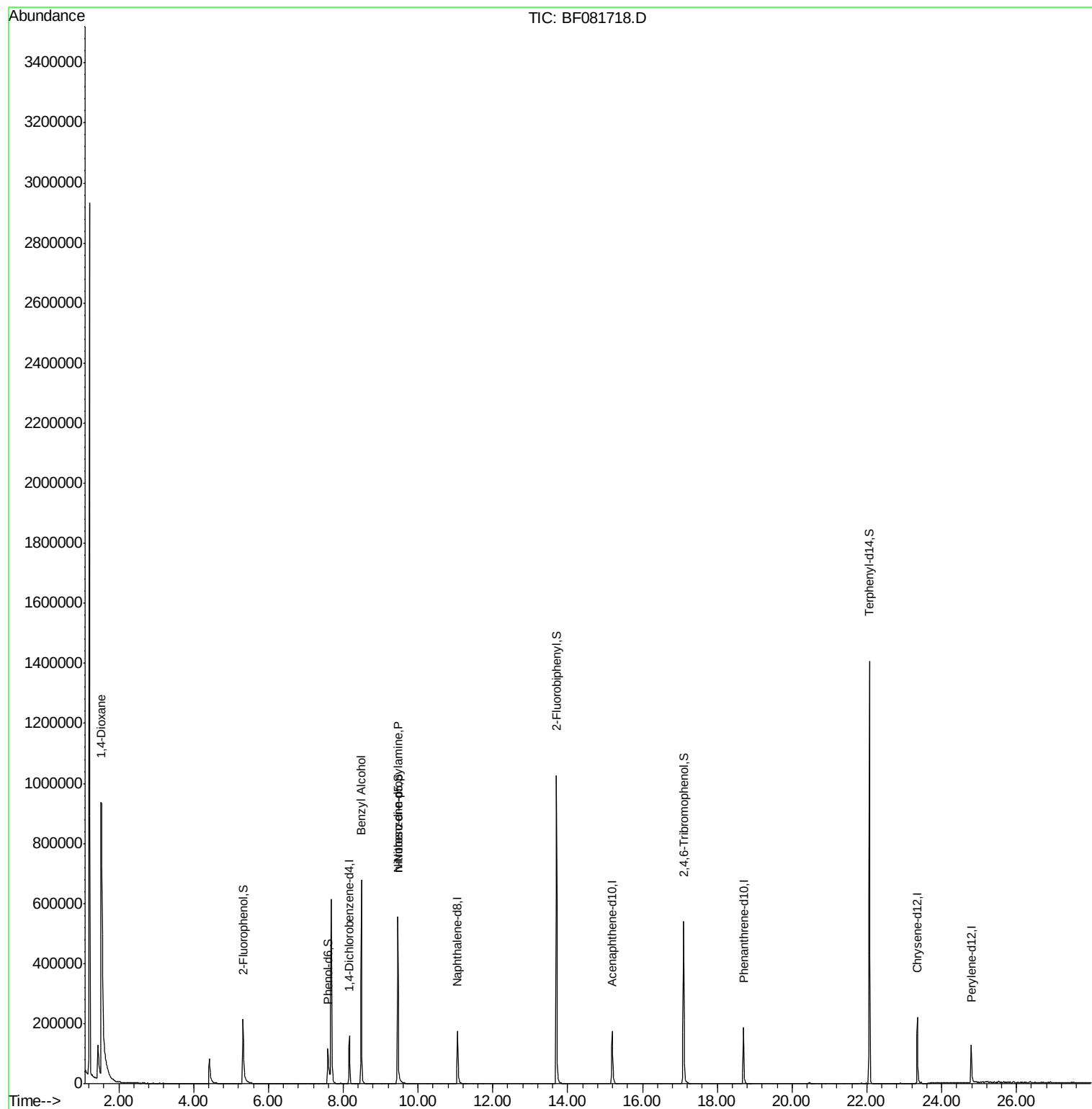
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41659	20.00	ng	-0.06
21) Naphthalene-d8	11.05	136	165106	20.00	ng	-0.07
38) Acenaphthene-d10	15.19	164	77437	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	158241	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	131917	20.00	ng	-0.03
86) Perylene-d12	24.79	264	91075	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	132382	49.30	ng	-0.03
7) Phenol-d6	7.59	99	108286	30.47	ng	-0.06
23) Nitrobenzene-d5	9.46	82	345085	100.84	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	106006	153.74	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	616395	102.01	ng	-0.07
78) Terphenyl-d14	22.07	244	573464	101.19	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	1.53	88	62698	51.99	ng	# 11
15) Benzyl Alcohol	8.48	79	5883	2.02	ng	# 34
19) n-Nitroso-di-n-propylamine	9.46	70	42371	17.52	ng	# 67

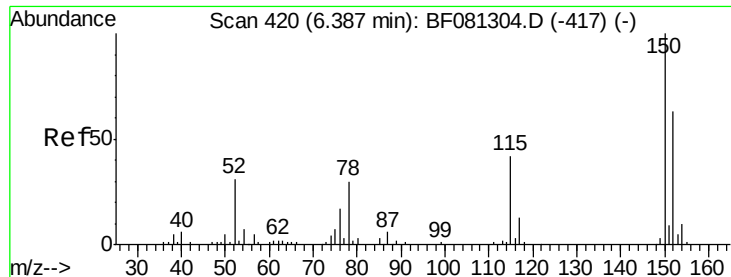
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081718.D

Acq: 21 Sep 2015 17:15

Instrument :

BNA_F

ClientSampleId :

LIP-16-9-16-15

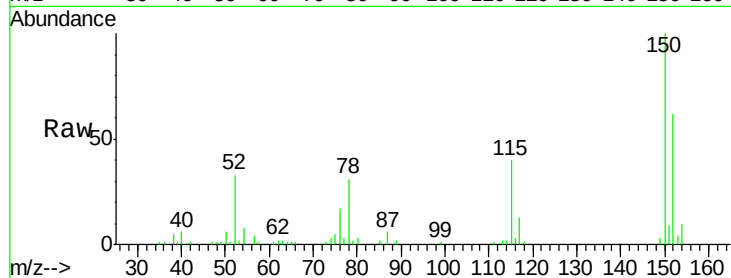
Tgt Ion:152 Resp: 41659

Ion Ratio Lower Upper

152 100

150 160.3 124.7 187.1

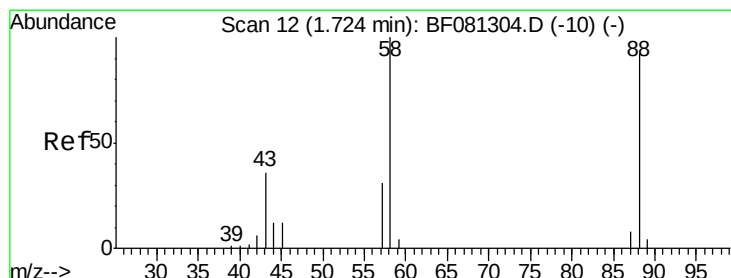
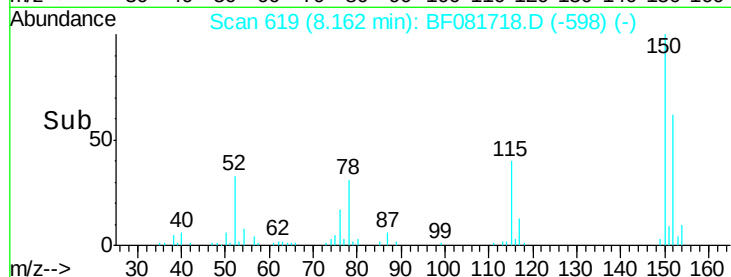
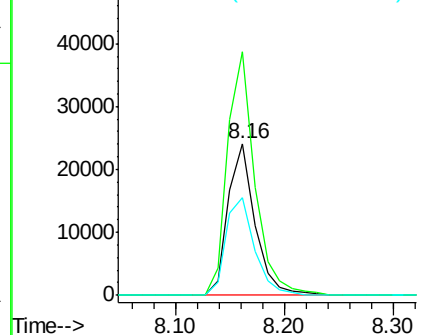
115 64.6 39.0 58.4#



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: 51.99 ng

RT: 1.53 min Scan# 39

Delta R.T. -0.03 min

Lab File: BF081718.D

Acq: 21 Sep 2015 17:15

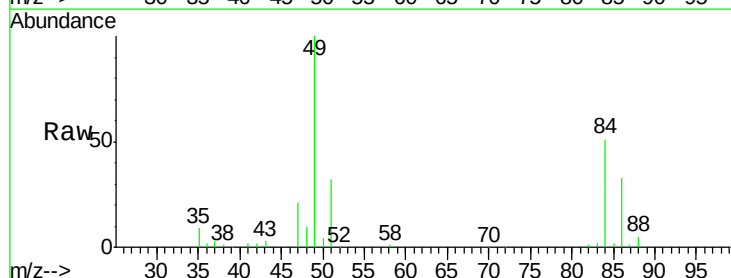
Tgt Ion: 88 Resp: 62698

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

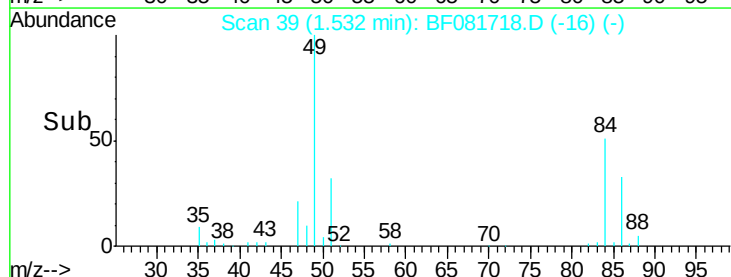
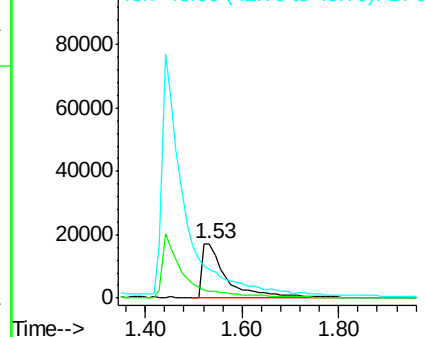
43 0.0 26.6 40.0#

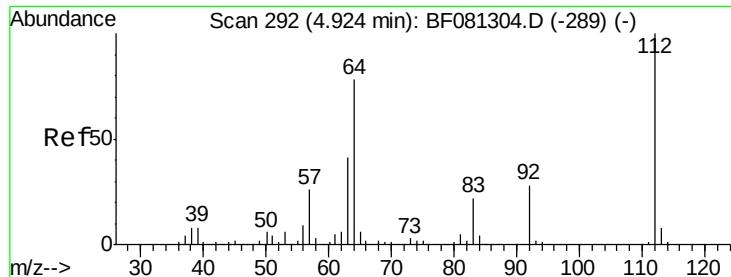


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 49.30 ng

RT: 5.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF081718.D

Acq: 21 Sep 2015 17:15

Instrument :

BNA_F

ClientSampleId :

LIP-16-9-16-15

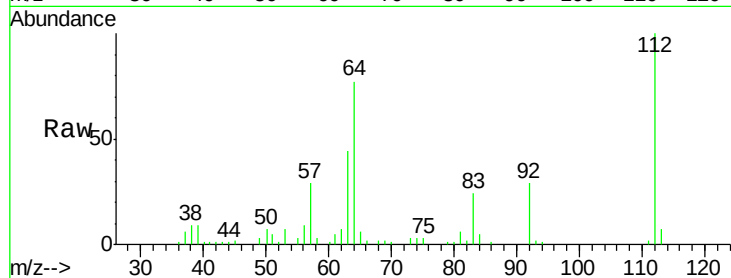
Tgt Ion: 112 Resp: 132382

Ion Ratio Lower Upper

112 100

64 76.7 39.7 59.5#

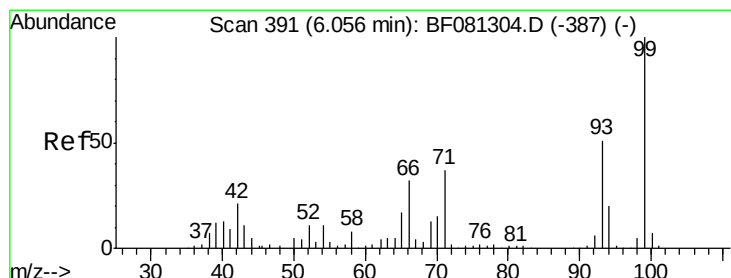
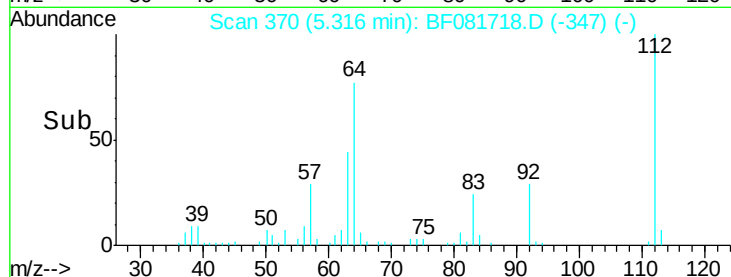
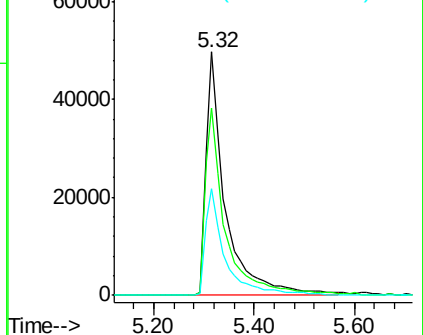
63 43.9 17.4 26.0#



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: 30.47 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081718.D

Acq: 21 Sep 2015 17:15

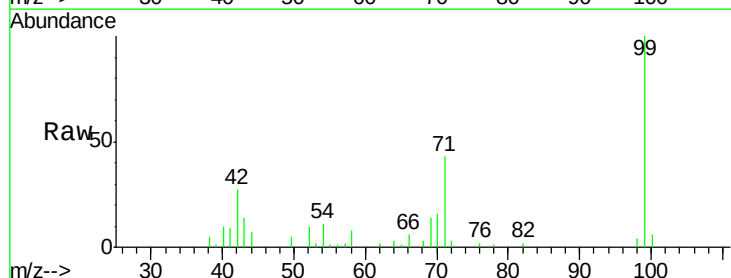
Tgt Ion: 99 Resp: 108286

Ion Ratio Lower Upper

99 100

42 26.8 13.7 20.5#

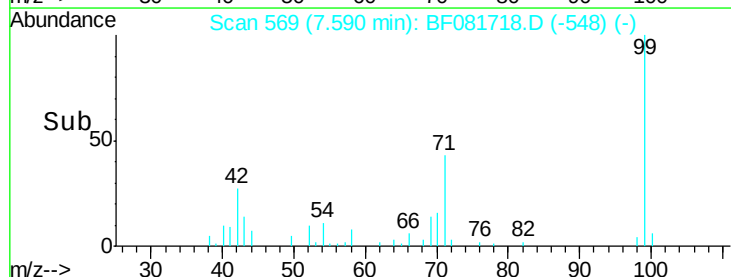
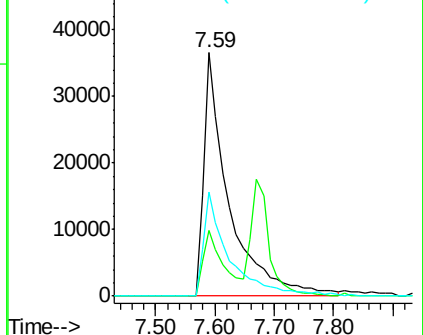
71 42.5 14.2 21.2#

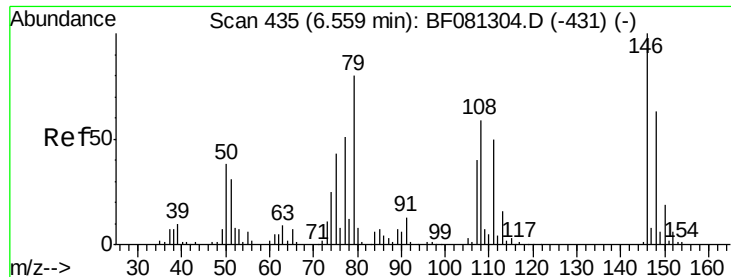


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 8.48 min Scan# 647

Delta R.T. -0.18 min

Lab File: BF081718.D

Acq: 21 Sep 2015 17:15

Instrument :

BNA_F

ClientSampleId :

LIP-16-9-16-15

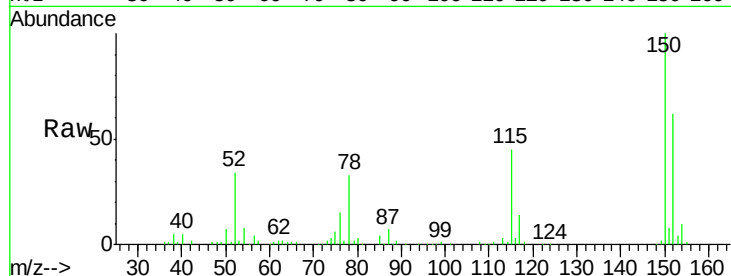
Tgt Ion: 79 Resp: 5883

Ion Ratio Lower Upper

79 100

108 27.2 88.6 132.8#

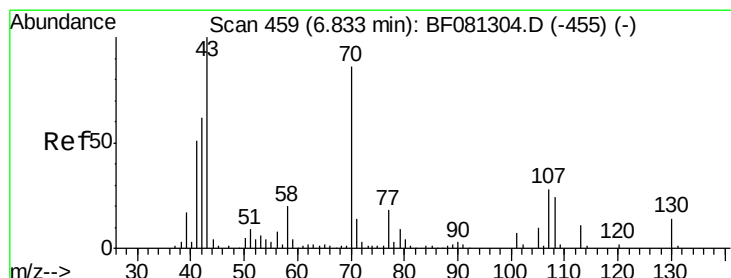
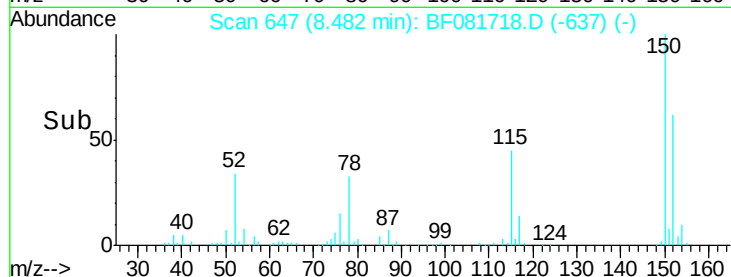
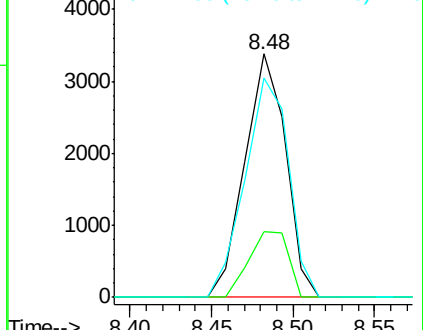
77 90.2 47.0 70.4#



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: 17.52 ng

RT: 9.46 min Scan# 733

Delta R.T. 0.17 min

Lab File: BF081718.D

Acq: 21 Sep 2015 17:15

Tgt Ion: 70 Resp: 42371

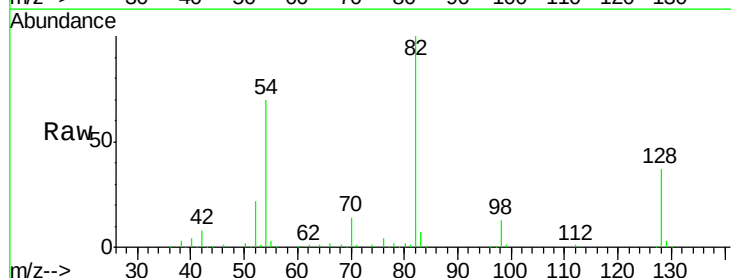
Ion Ratio Lower Upper

70 100

42 58.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

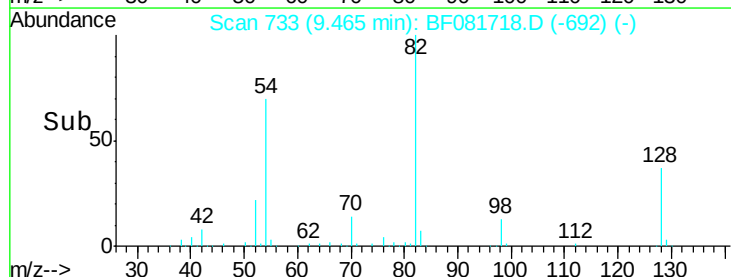
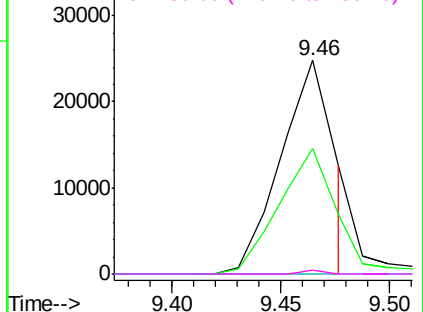


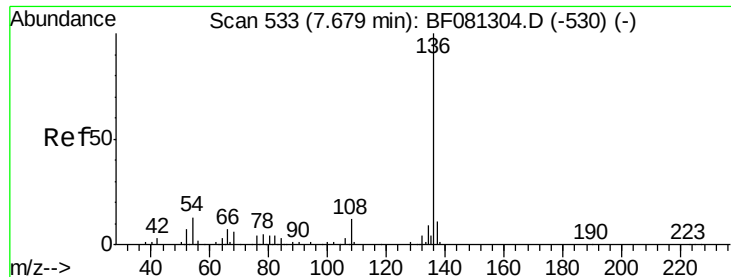
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 11.05 min Scan# 872

Delta R.T. -0.07 min

Lab File: BF081718.D

Acq: 21 Sep 2015 17:15

Instrument :

BNA_F

ClientSampleId :

LIP-16-9-16-15

Tgt Ion: 136 Resp: 165106

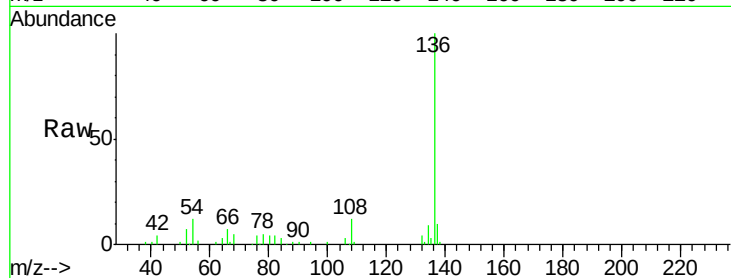
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.6

54 11.7 8.2 12.2

68 4.7 5.8 8.6#

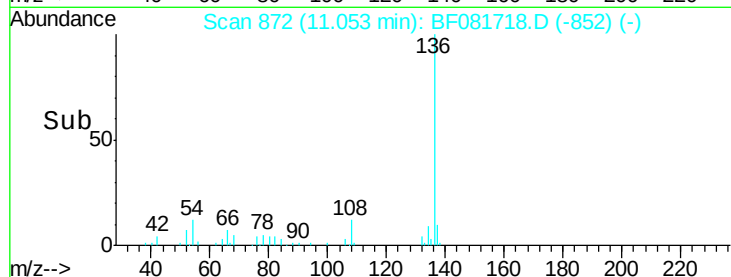


Abundance Ion 136.00 (135.70 to 136.70): E

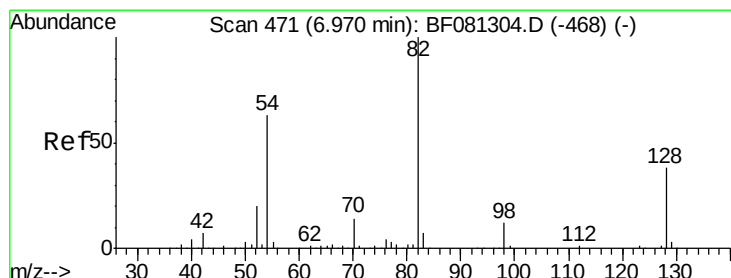
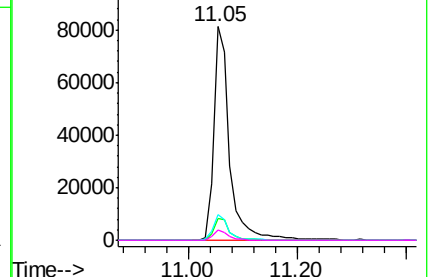
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 100.84 ng

RT: 9.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF081718.D

Acq: 21 Sep 2015 17:15

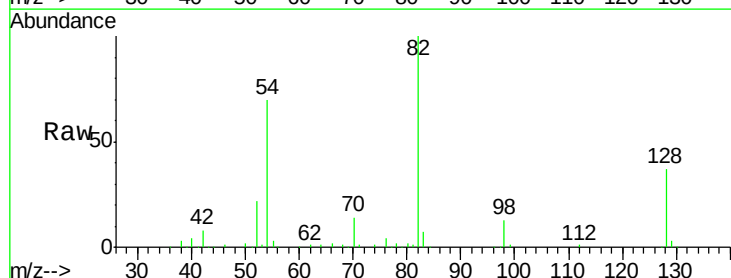
Tgt Ion: 82 Resp: 345085

Ion Ratio Lower Upper

82 100

128 36.6 51.0 76.6#

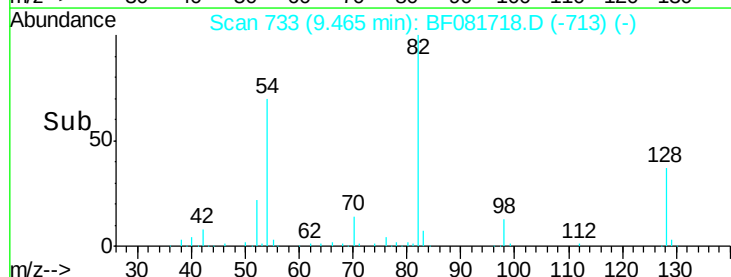
54 69.6 47.5 71.3



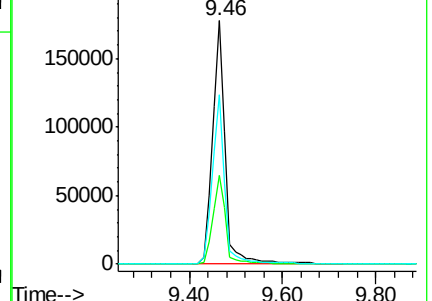
Abundance Ion 82.00 (81.70 to 82.70): BF0

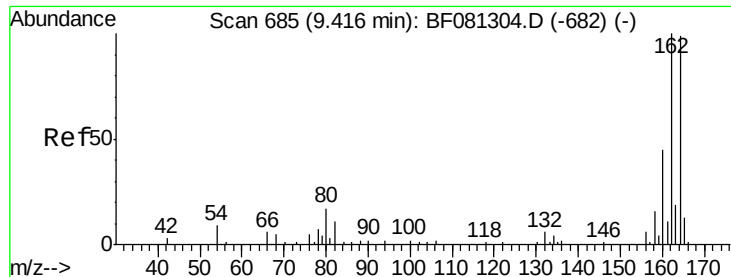
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081718.D

Acq: 21 Sep 2015 17:15

Instrument :

BNA_F

ClientSampleId :

LIP-16-9-16-15

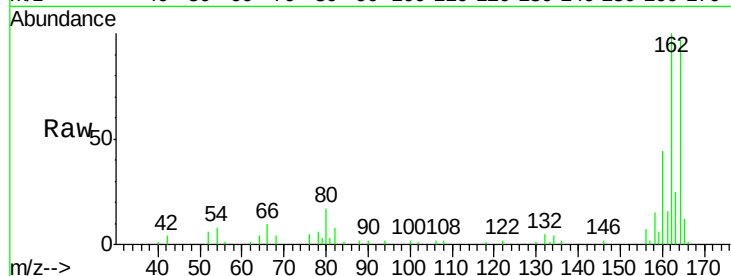
Tgt Ion:164 Resp: 77437

Ion Ratio Lower Upper

164 100

162 102.6 75.2 112.8

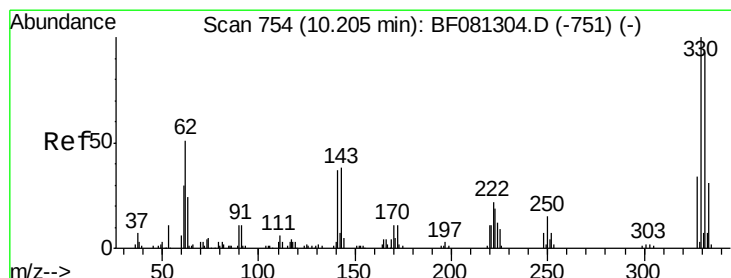
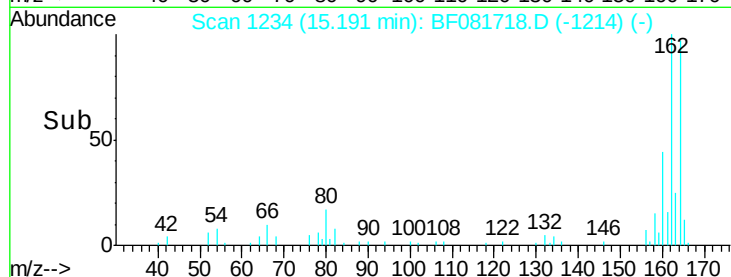
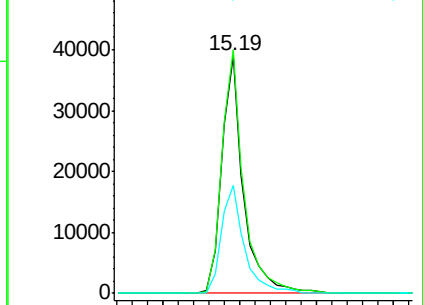
160 45.6 31.5 47.3



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: 153.74 ng

RT: 17.10 min Scan# 1401

Delta R.T. -0.07 min

Lab File: BF081718.D

Acq: 21 Sep 2015 17:15

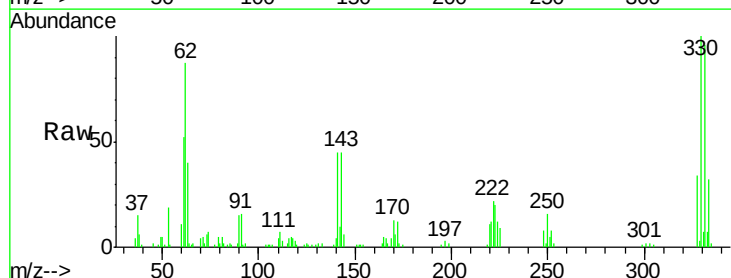
Tgt Ion:330 Resp: 106006

Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

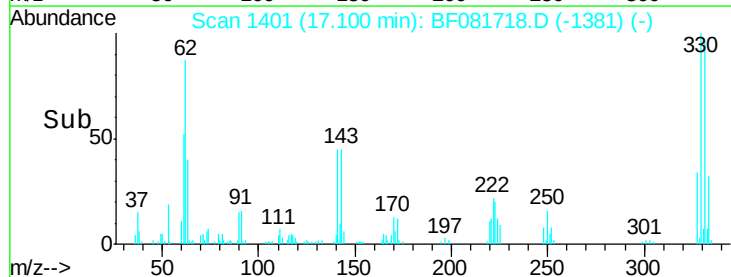
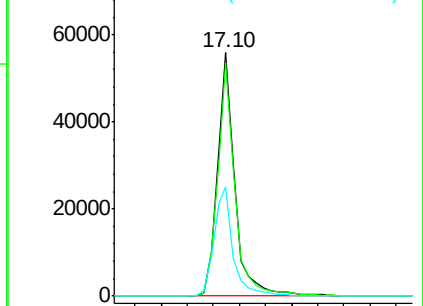
141 48.4 29.7 44.5#

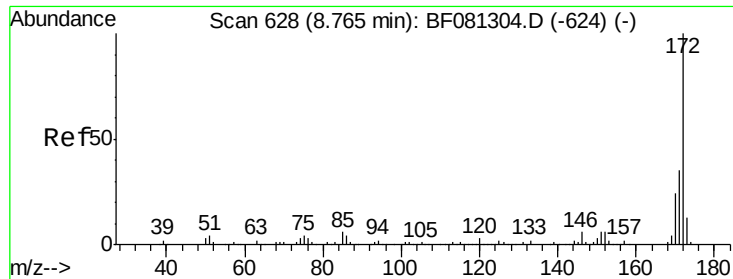


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

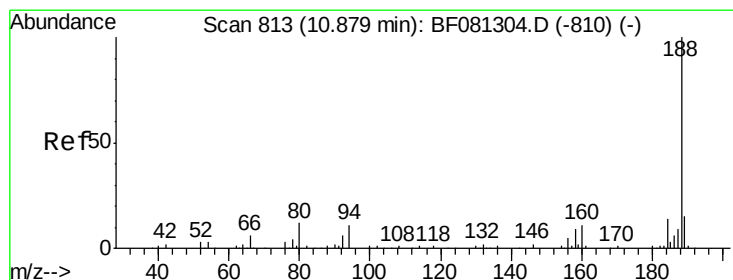
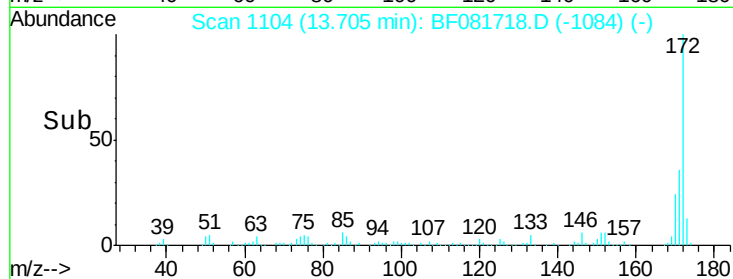
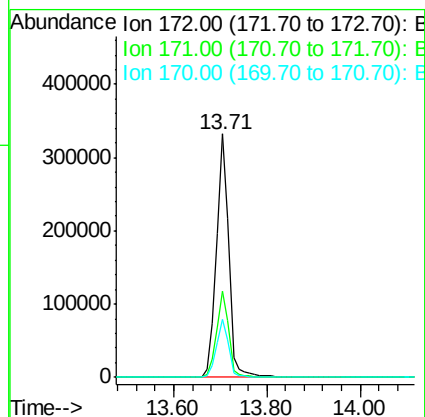
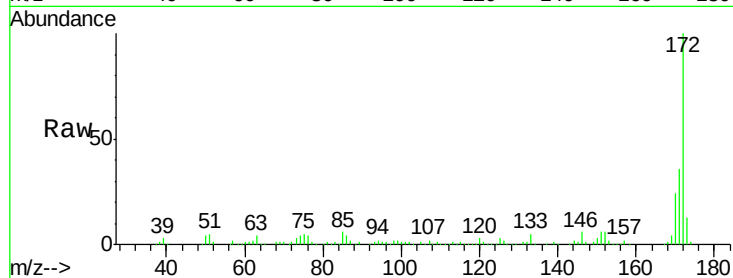




#44
 2-Fluorobiphenyl
 Concen: 102.01 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081718.D
 Acq: 21 Sep 2015 17:15

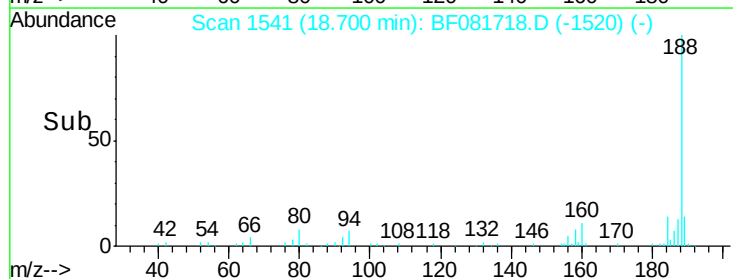
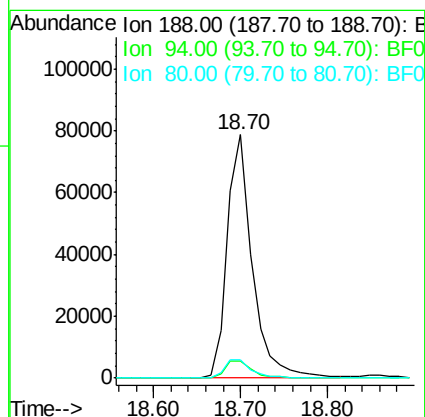
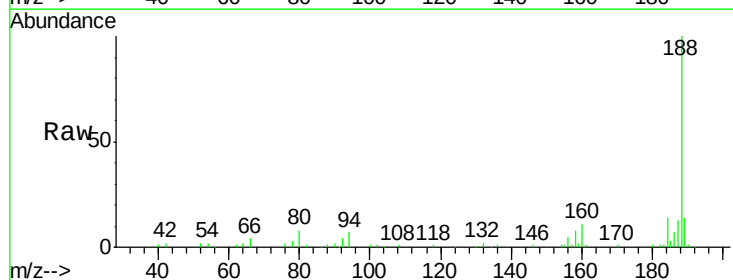
Instrument :
 BNA_F
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 LIP-16-9-16-15

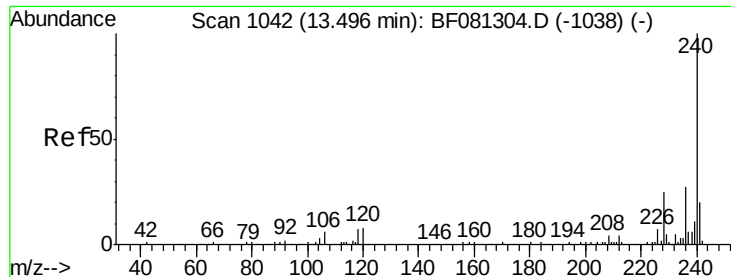
Tgt Ion:172 Resp: 616395
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.8 17.4 26.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.70 min Scan# 1541
 Delta R.T. -0.06 min
 Lab File: BF081718.D
 Acq: 21 Sep 2015 17:15

Tgt Ion:188 Resp: 158241
 Ion Ratio Lower Upper
 188 100
 94 7.2 11.1 16.7#
 80 7.7 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: BF081718.D

Acq: 21 Sep 2015 17:15

Instrument :

BNA_F

ClientSampleId :

LIP-16-9-16-15

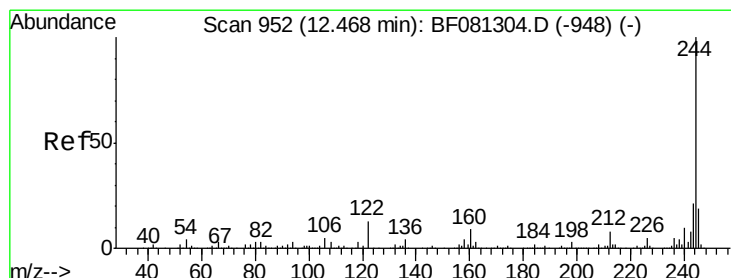
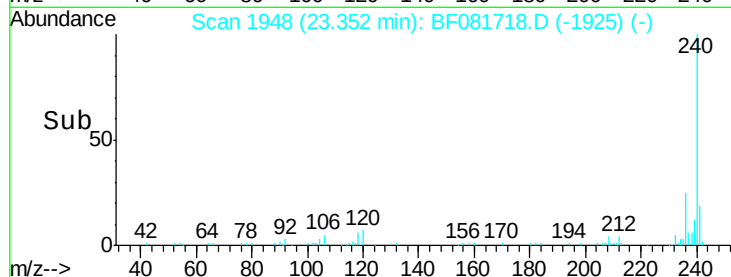
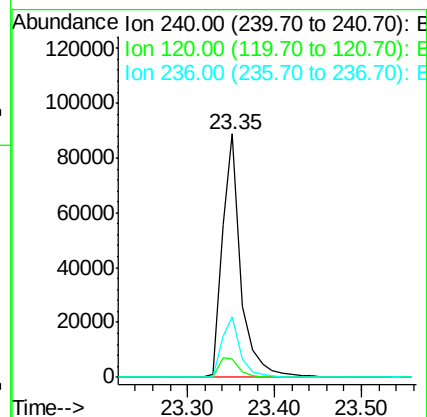
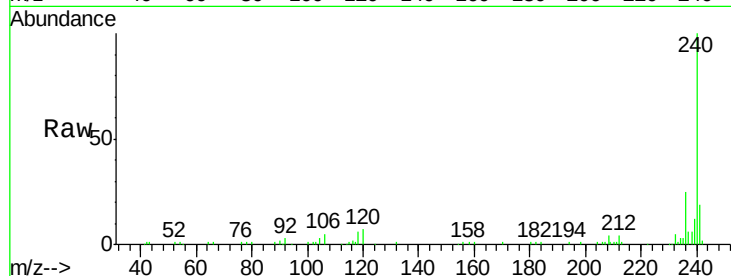
Tgt Ion:240 Resp: 131917

Ion Ratio Lower Upper

240 100

120 7.4 16.2 24.2#

236 24.8 18.4 27.6



#78

Terphenyl-d14

Concen: 101.19 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081718.D

Acq: 21 Sep 2015 17:15

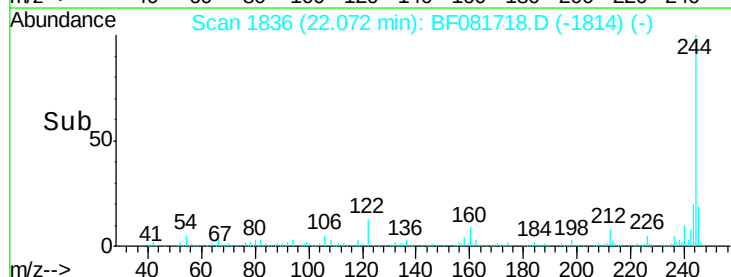
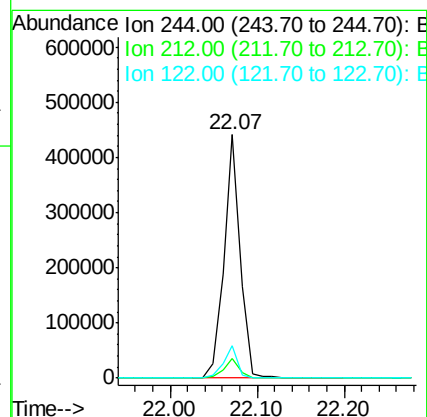
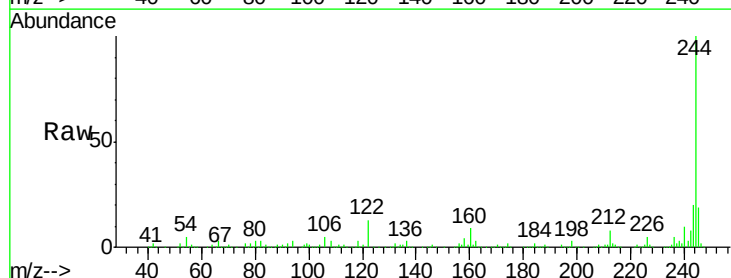
Tgt Ion:244 Resp: 573464

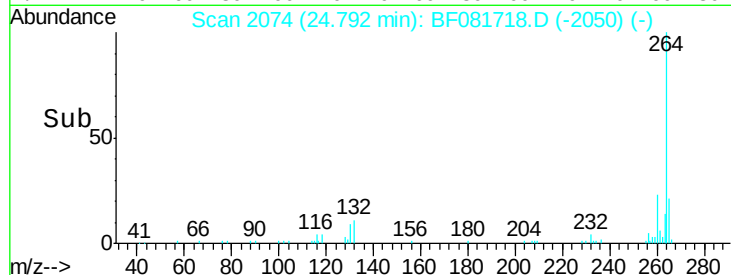
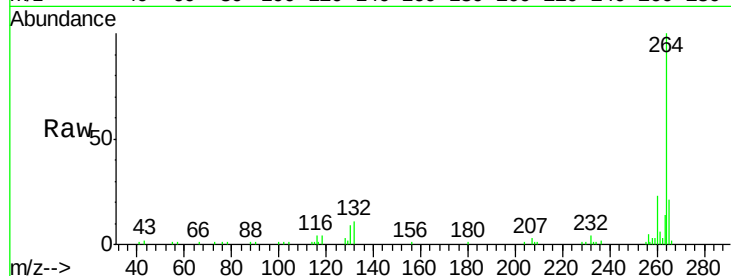
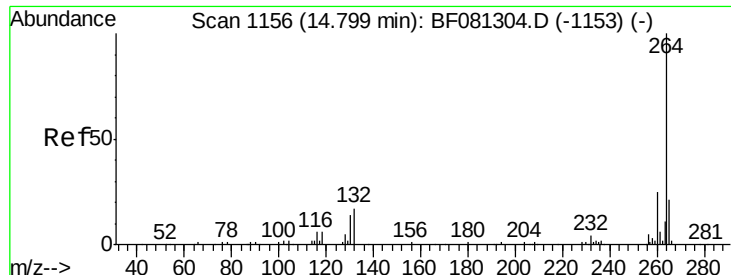
Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

122 13.3 17.4 26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. -0.02 min
Lab File: BF081718.D
Acq: 21 Sep 2015 17:15

Instrument :
BNA_F
ClientSampleId :
LIP-16-9-16-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	21.4	17.2	25.8

