

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
 Data File : BF081588.D
 Acq On : 11 Sep 2015 17:28
 Operator : UM/IZ
 Sample : G3507-01DL2 100X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS083115DL2

Quant Time: Sep 12 01:26:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 23:14:51 2015
 Response via : Initial Calibration

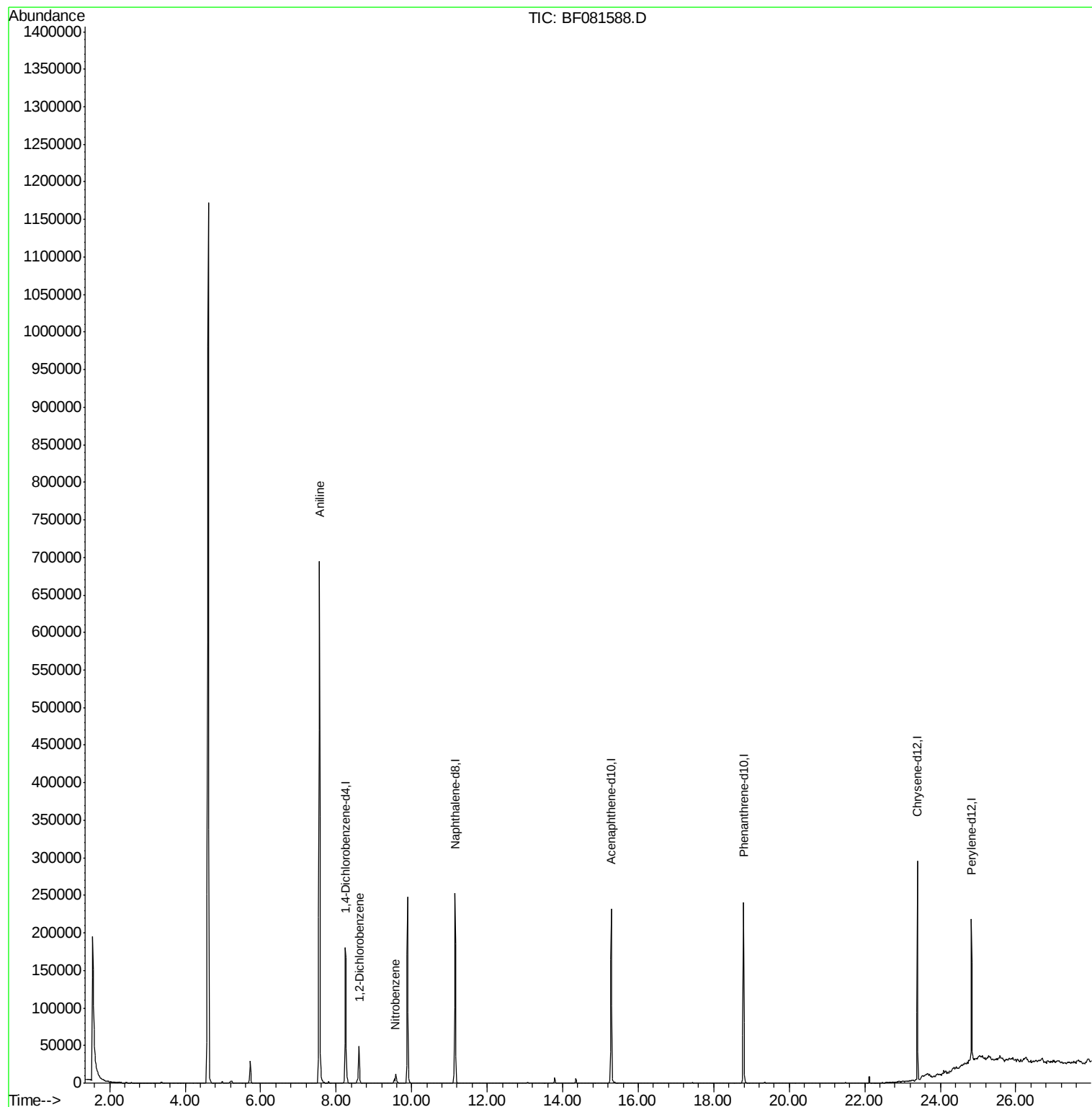
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	49053	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	194004	20.00	ng	-0.01
38) Acenaphthene-d10	15.28	164	88756	20.00	ng	-0.01
63) Phenanthrene-d10	18.79	188	176305	20.00	ng	0.00
75) Chrysene-d12	23.40	240	111602	20.00	ng	-0.01
86) Perylene-d12	24.82	264	87088	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	212	0.07	ng	0.09
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	9.54	82	3584	0.89	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.78	172	6525	0.94	ng	-0.02
78) Terphenyl-d14	22.13	244	6370	1.33	ng	0.00
Target Compounds						
6) Aniline	7.55	93	439926	74.44	ng	# 83
14) 1,2-Dichlorobenzene	8.61	146	22095	6.47	ng	# 93
24) Nitrobenzene	9.58	77	9053	2.17	ng	# 60

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.25 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF081588.D

Acq: 11 Sep 2015 17:28

Instrument :

BNA_F

ClientSampleId :

SYSDIS083115DL2

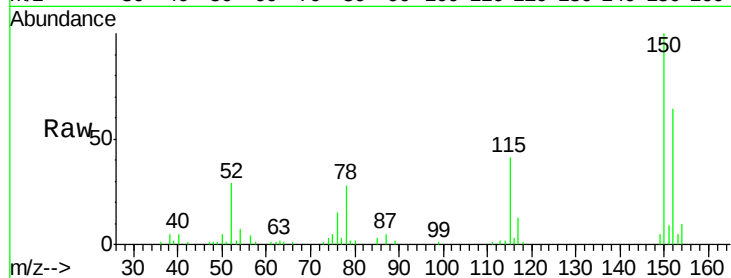
Tgt Ion:152 Resp: 49053

Ion Ratio Lower Upper

152 100

150 155.1 124.7 187.1

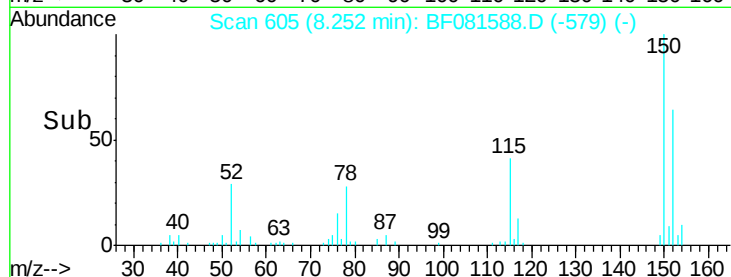
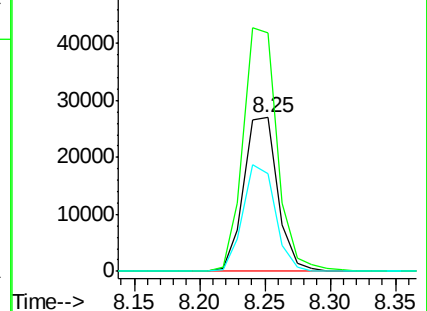
115 63.5 39.0 58.4#



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



#5

2-Fluorophenol

Concen: 0.07 ng

RT: 5.49 min Scan# 363

Delta R.T. 0.09 min

Lab File: BF081588.D

Acq: 11 Sep 2015 17:28

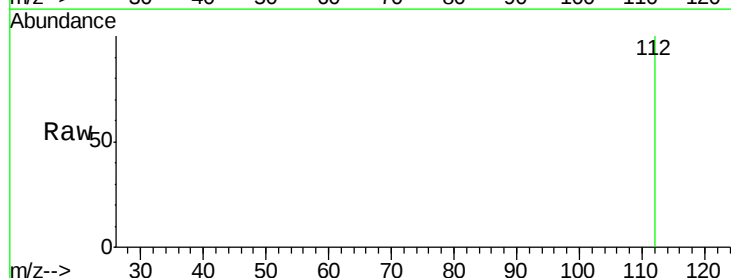
Tgt Ion:112 Resp: 212

Ion Ratio Lower Upper

112 100

64 0.0 39.7 59.5#

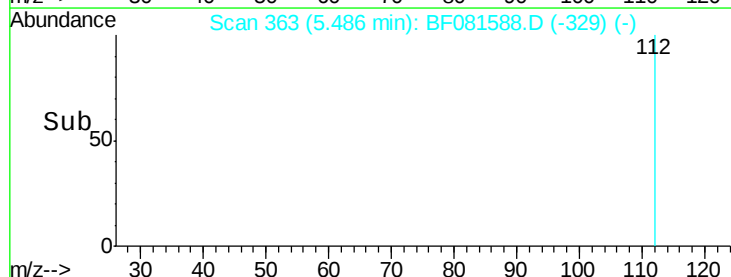
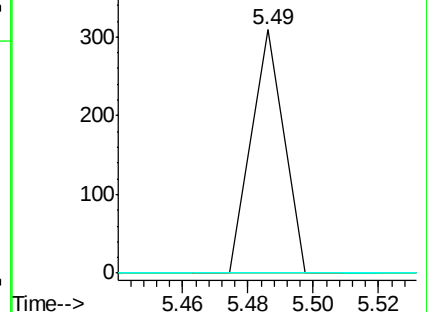
63 0.0 17.4 26.0#

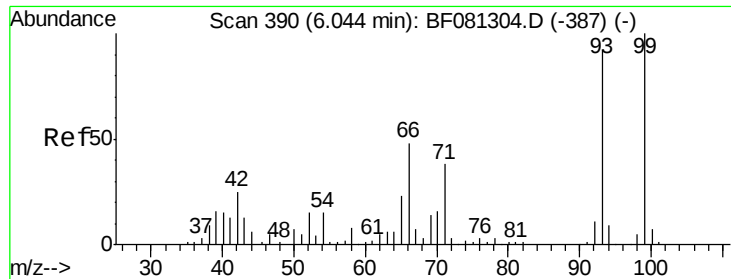


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 74.44 ng

RT: 7.55 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF081588.D

Acq: 11 Sep 2015 17:28

Instrument :

BNA_F

ClientSampleId :

SYSDIS083115DL2

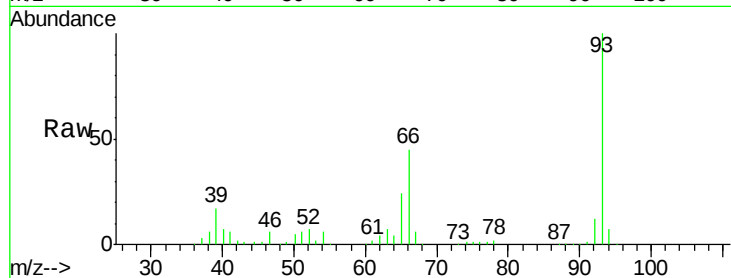
Tgt Ion: 93 Resp: 439926

Ion Ratio Lower Upper

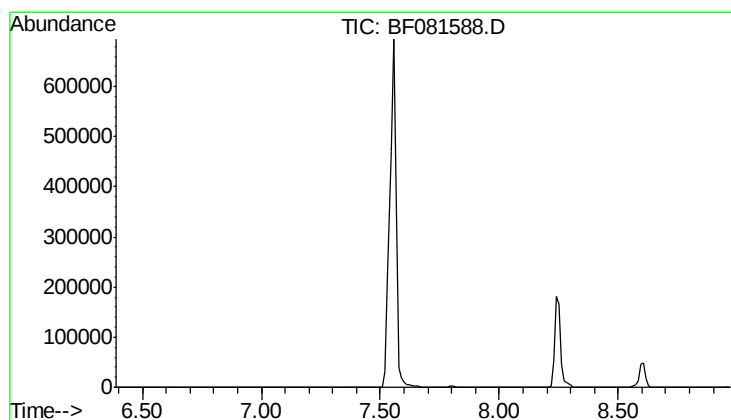
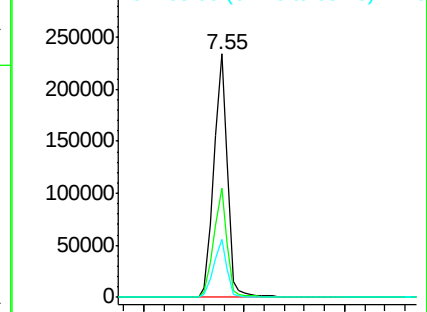
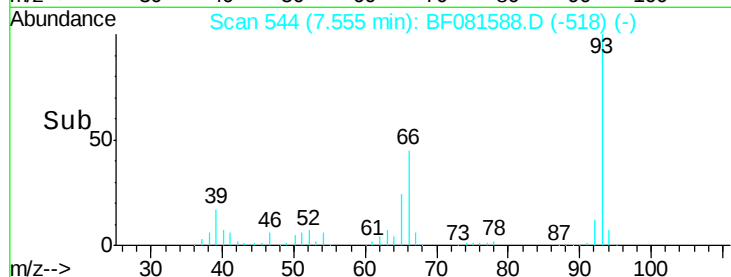
93 100

66 45.0 27.2 40.8#

65 23.6 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.68 min

Lab File: BF081588.D

Acq: 11 Sep 2015 17:28

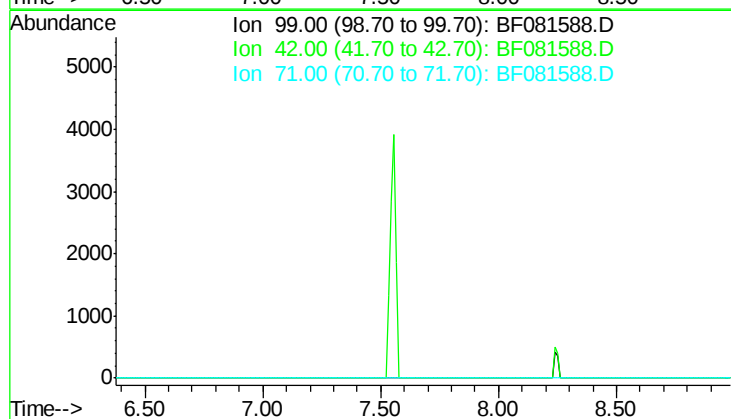
Tgt Ion: 99

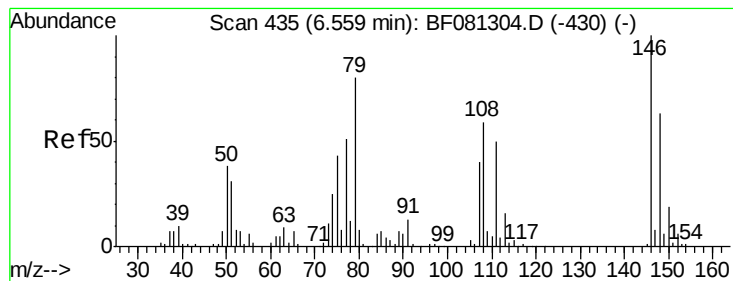
Sig Exp Ratio

99 100

42 17.1

71 17.7

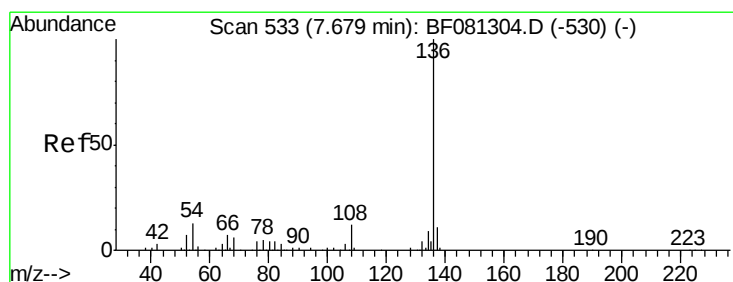
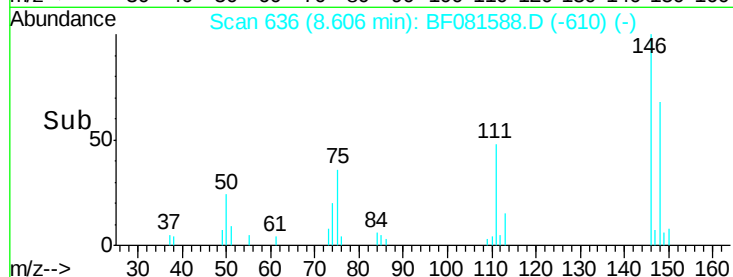
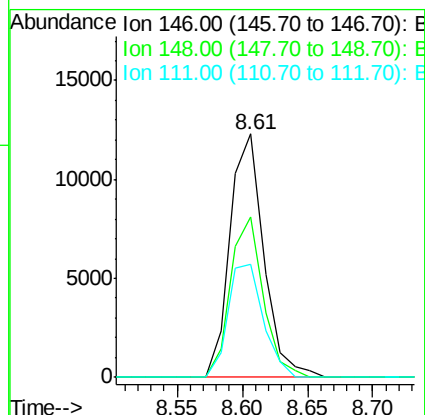
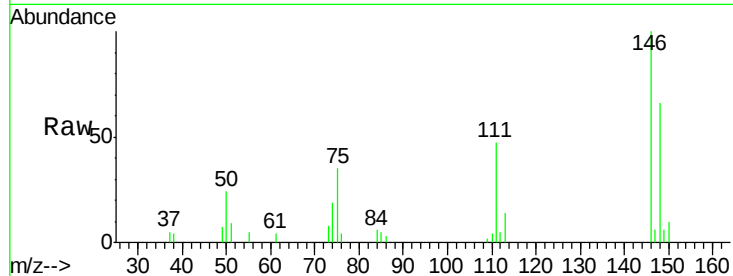




#14
 1,2-Dichlorobenzene
 Concen: 6.47 ng
 RT: 8.61 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081588.D
 Acq: 11 Sep 2015 17:28

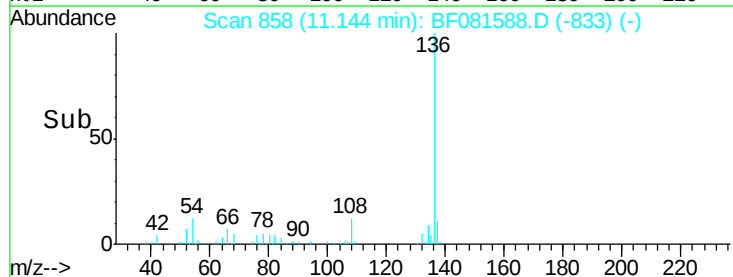
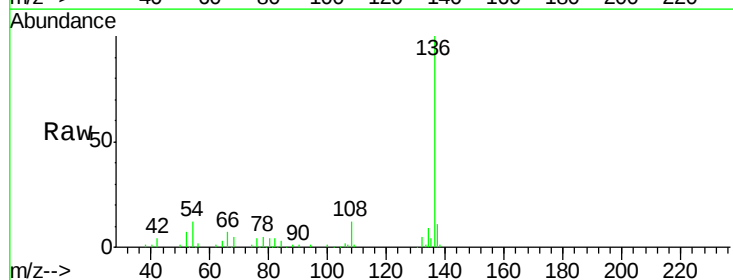
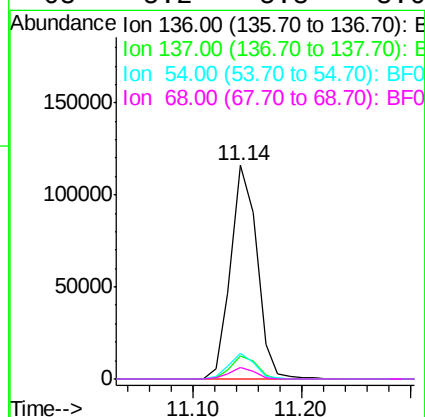
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS083115DL2

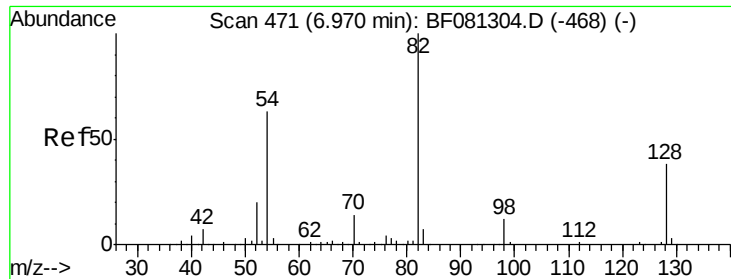
Tgt Ion:146 Resp: 22095
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.7 79.1
 111 46.7 28.8 43.2#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 11.14 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF081588.D
 Acq: 11 Sep 2015 17:28

Tgt Ion:136 Resp: 194004
 Ion Ratio Lower Upper
 136 100
 137 11.0 9.0 13.6
 54 12.0 8.2 12.2
 68 5.2 5.8 8.6#

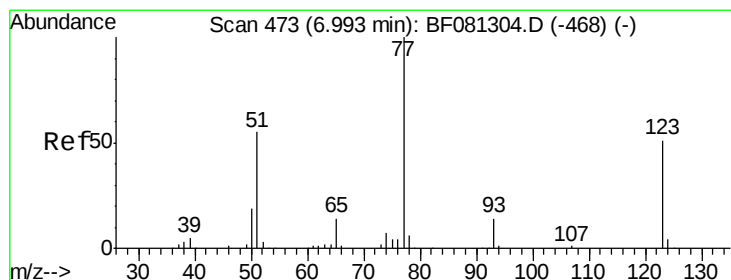
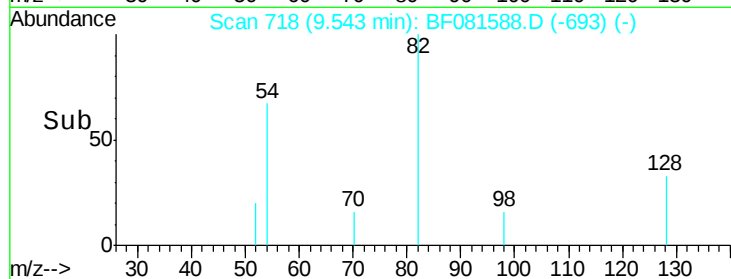
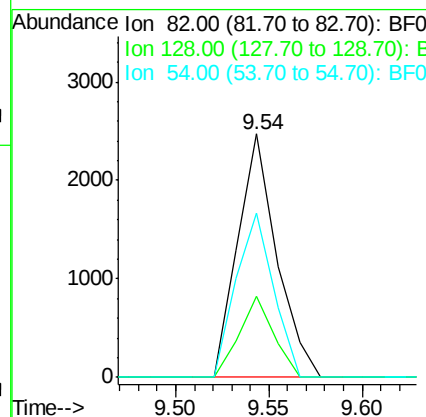
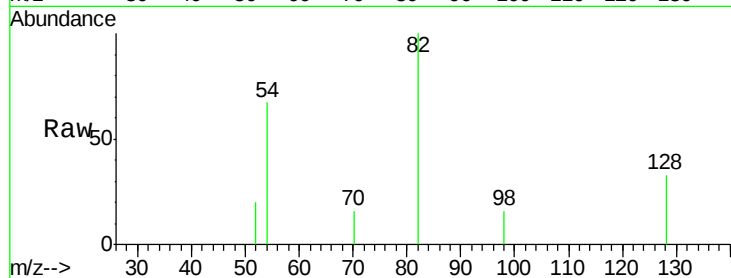




#23
 Nitrobenzene-d5
 Concen: 0.89 ng
 RT: 9.54 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF081588.D
 Acq: 11 Sep 2015 17:28

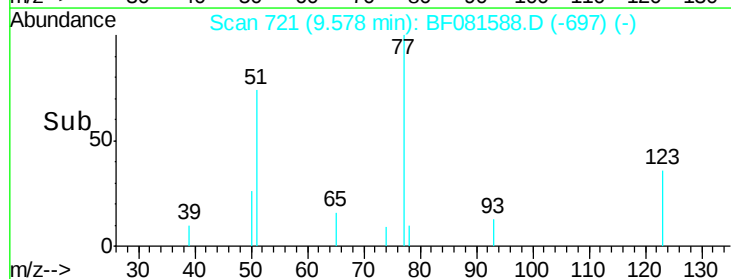
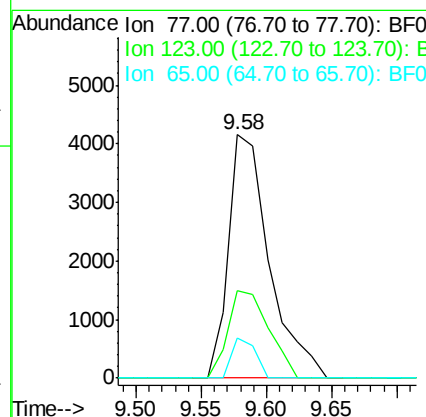
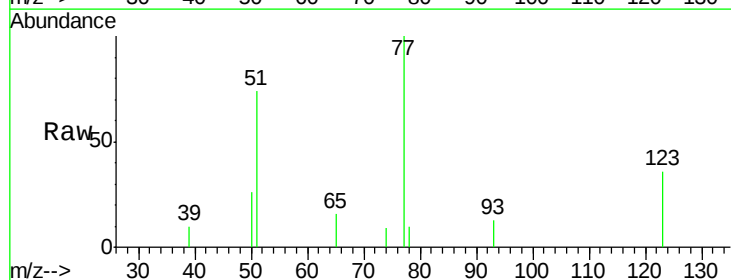
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS083115DL2

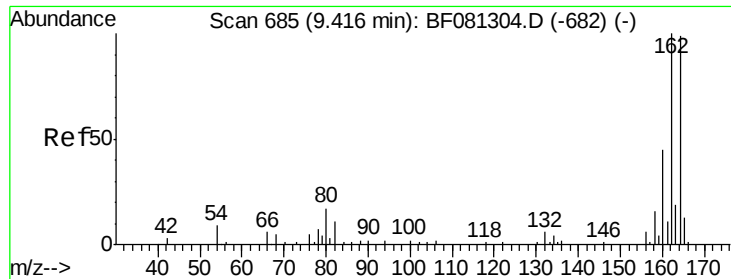
Tgt Ion: 82 Resp: 3584
 Ion Ratio Lower Upper
 82 100
 128 33.1 51.0 76.6#
 54 67.3 47.5 71.3



#24
 Nitrobenzene
 Concen: 2.17 ng
 RT: 9.58 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF081588.D
 Acq: 11 Sep 2015 17:28

Tgt Ion: 77 Resp: 9053
 Ion Ratio Lower Upper
 77 100
 123 35.9 59.8 89.8#
 65 16.4 10.2 15.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.28 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF081588.D

Acq: 11 Sep 2015 17:28

Instrument :

BNA_F

ClientSampleId :

SYSDIS083115DL2

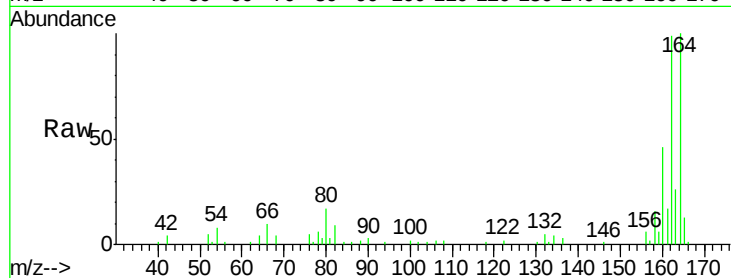
Tgt Ion:164 Resp: 88756

Ion Ratio Lower Upper

164 100

162 98.9 75.2 112.8

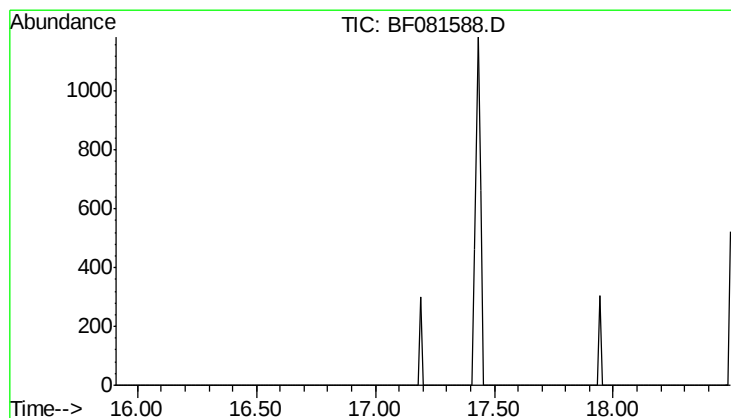
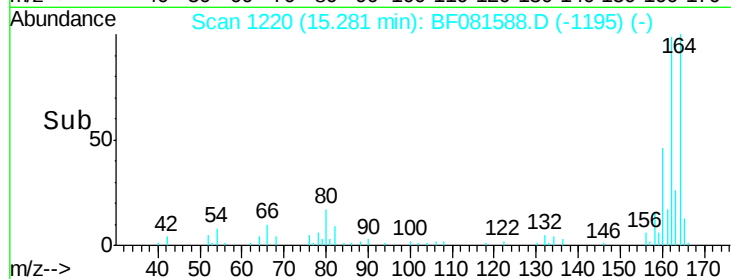
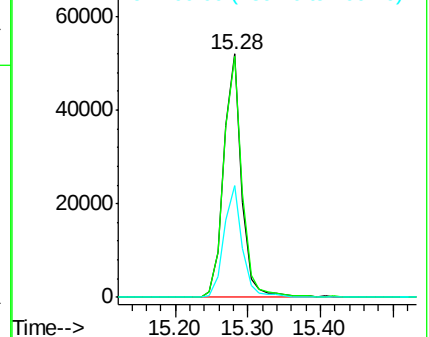
160 46.1 31.5 47.3



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: 0.00 ng

Expected RT: 17.20 min

Lab File: BF081588.D

Acq: 11 Sep 2015 17:28

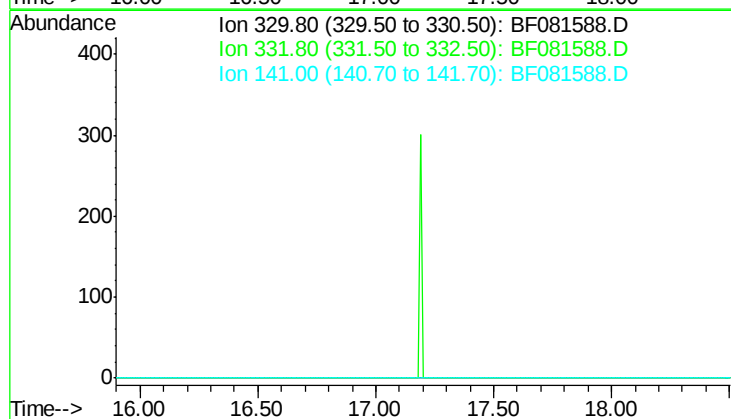
Tgt Ion: 330

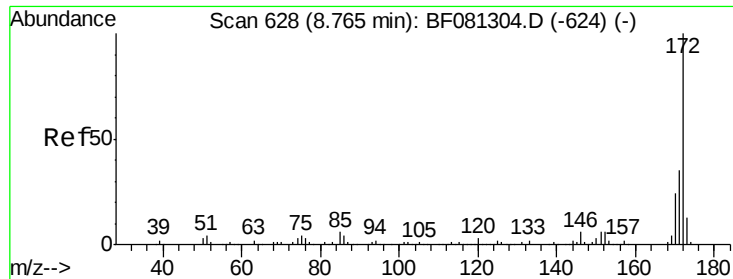
Sig Exp Ratio

330 100

332 95.7

141 37.1

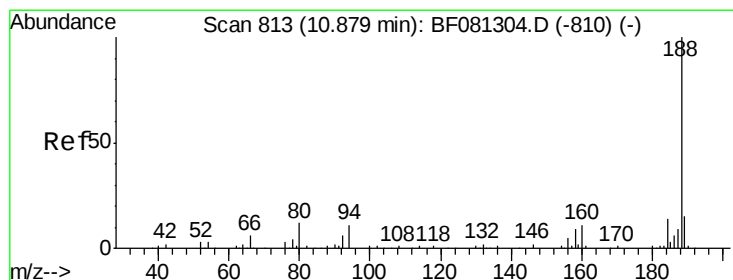
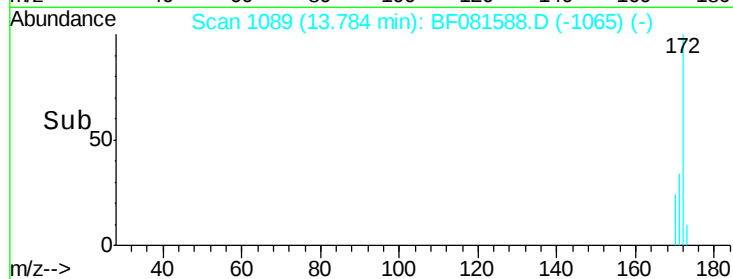
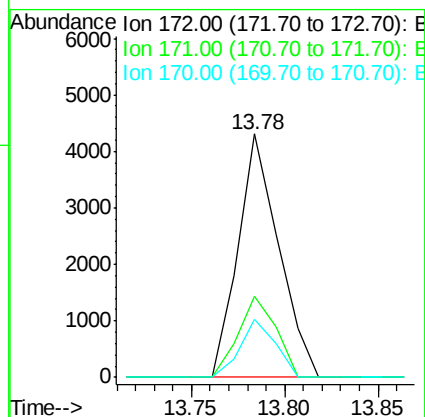
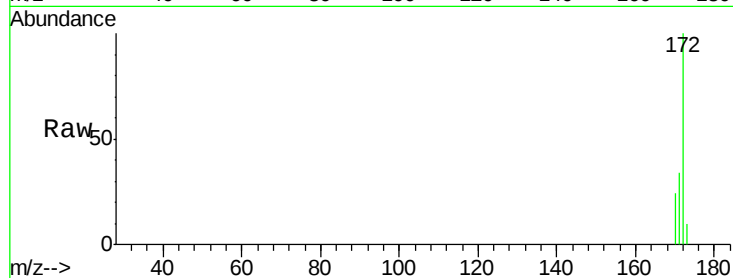




#44
 2-Fluorobiphenyl
 Concen: 0.94 ng
 RT: 13.78 min Scan# 1089
 Delta R.T. -0.02 min
 Lab File: BF081588.D
 Acq: 11 Sep 2015 17:28

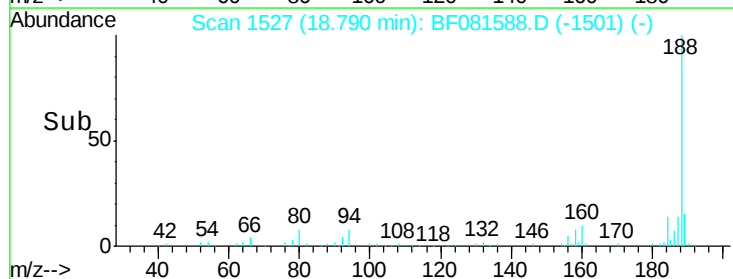
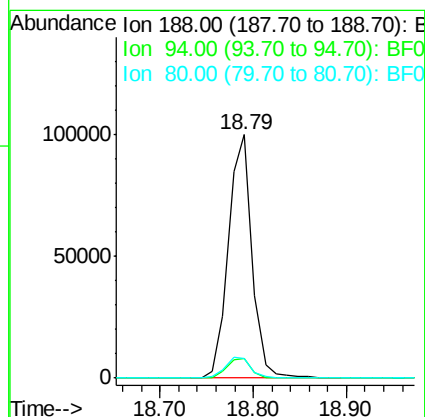
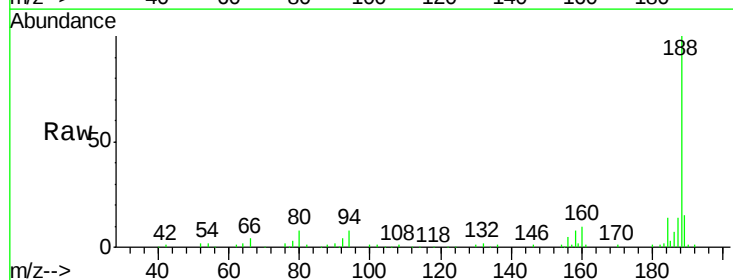
Instrument :
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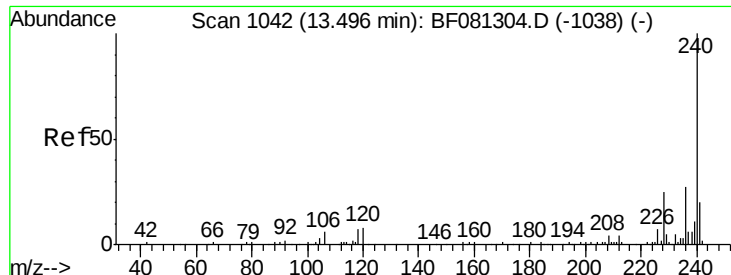
Tgt Ion:172 Resp: 6525
 Ion Ratio Lower Upper
 172 100
 171 33.5 26.1 39.1
 170 23.8 17.4 26.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.79 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF081588.D
 Acq: 11 Sep 2015 17:28

Tgt Ion:188 Resp: 176305
 Ion Ratio Lower Upper
 188 100
 94 8.2 11.1 16.7#
 80 8.1 11.0 16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.40 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF081588.D

Acq: 11 Sep 2015 17:28

Instrument :

BNA_F

ClientSampleId :

SYSDIS083115DL2

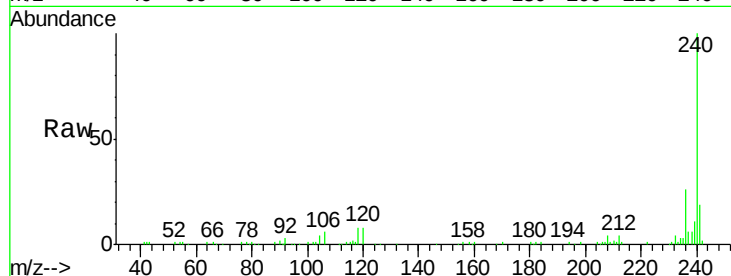
Tgt Ion:240 Resp: 111602

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

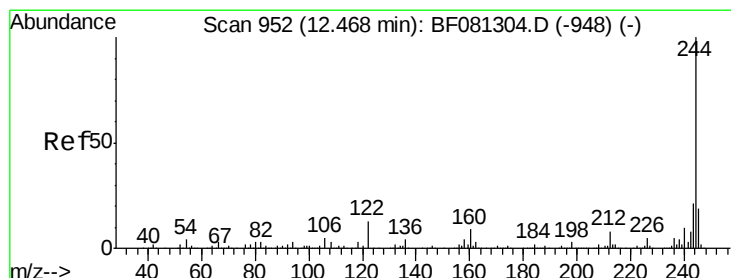
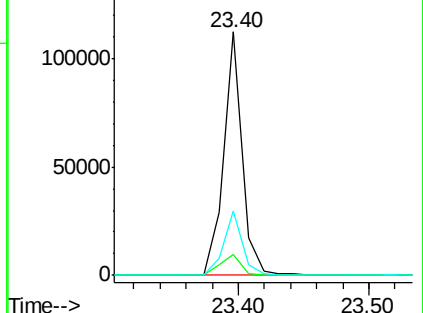
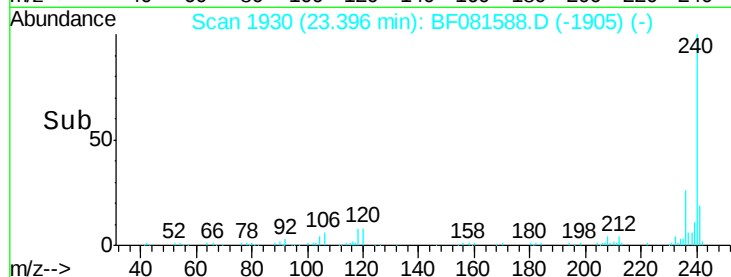
236 26.4 18.4 27.6



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: 1.33 ng

RT: 22.13 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF081588.D

Acq: 11 Sep 2015 17:28

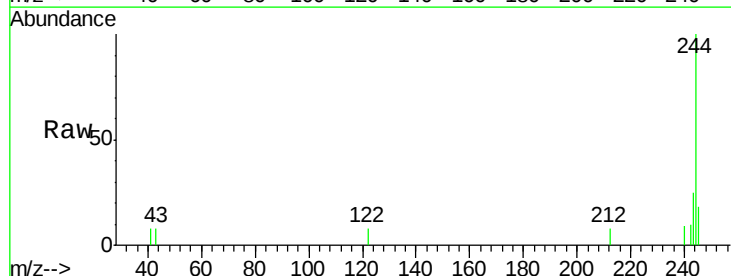
Tgt Ion:244 Resp: 6370

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

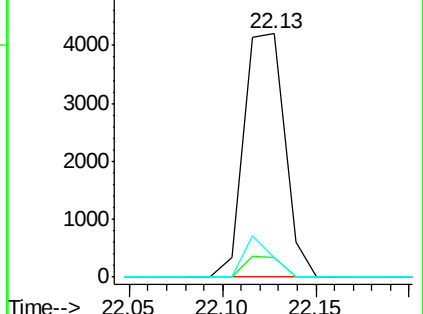
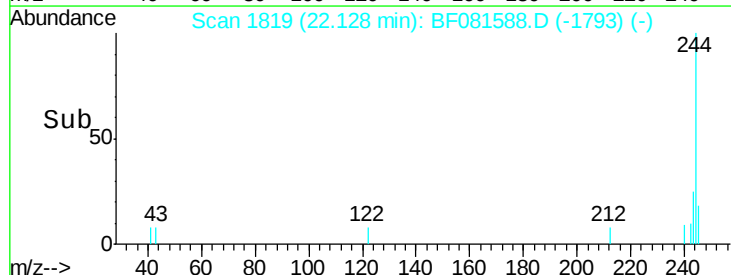
122 8.2 17.4 26.2#

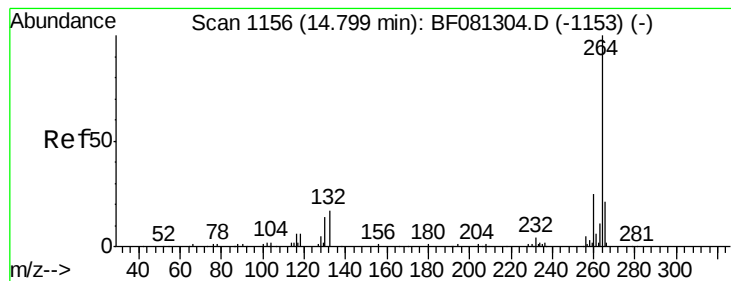


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.82 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF081588.D

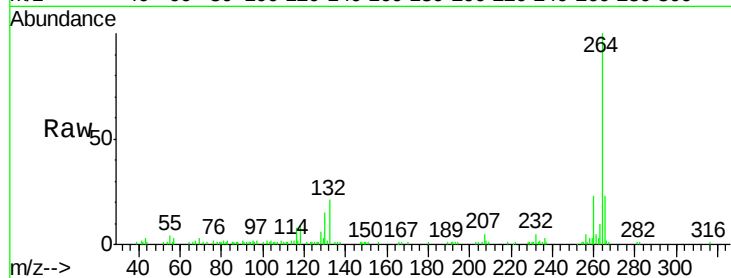
Acq: 11 Sep 2015 17:28

Instrument :

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SYSDIS083115DL2



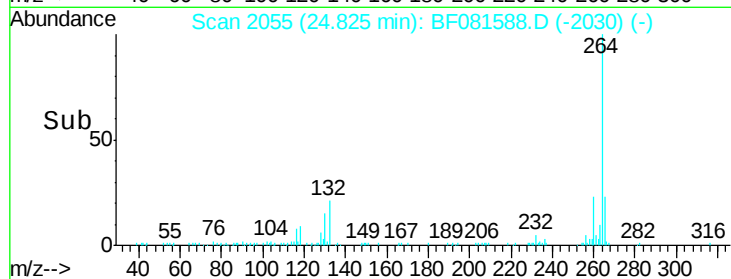
Tgt Ion: 264 Resp: 87088

Ion Ratio Lower Upper

264 100

260 23.3 16.7 25.1

265 23.2 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

