

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081085.D
 Acq On : 19 Aug 2015 17:14
 Operator : UM/IZ
 Sample : PB85071BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:47:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

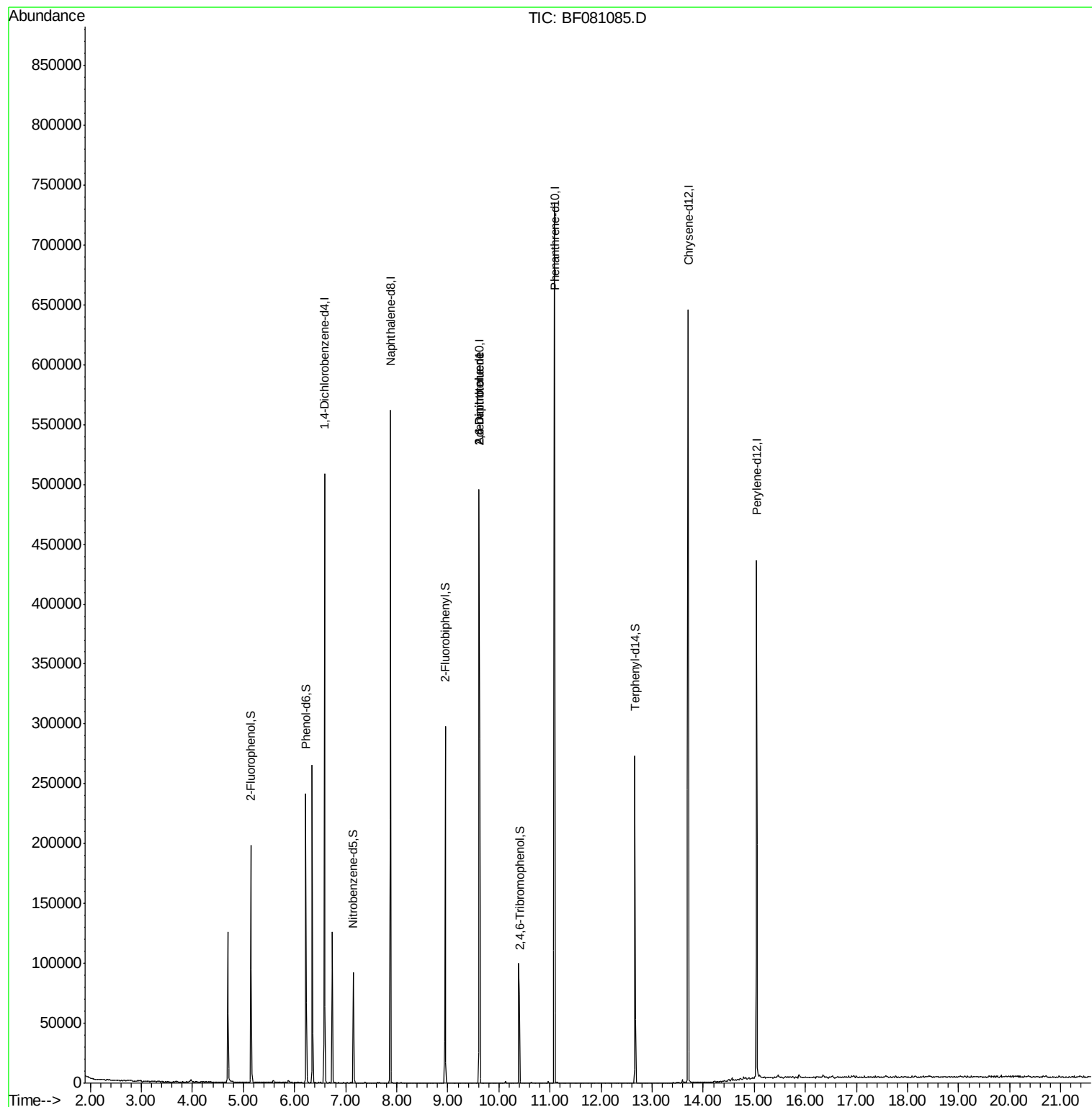
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	65099	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	261921	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	114898	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	248189	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	233969	20.00	ng	-0.04
86) Perylene-d12	15.04	264	187127	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	54314	12.55	ng	-0.04
7) Phenol-d6	6.22	99	75403	13.35	ng	-0.04
23) Nitrobenzene-d5	7.14	82	42162	7.35	ng	-0.04
41) 2,4,6-Tribromophenol	10.40	330	12235	12.28	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	85393	9.74	ng	-0.04
78) Terphenyl-d14	12.66	244	80840	7.41	ng	-0.04
Target Compounds						
50) 2,6-Dinitrotoluene	9.61	165	14505	7.14	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	14505	5.39	ng	# 16

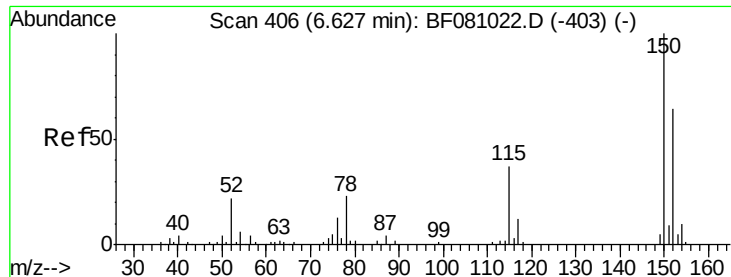
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 17:57:25 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF081085.D

Acq: 19 Aug 2015 17:14

Instrument :

BNA_F

ClientSampleId :

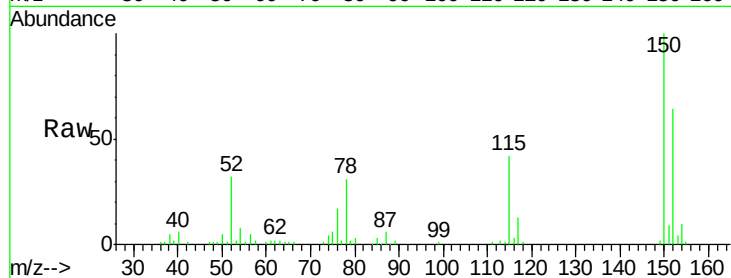
Tot Ion:152 Resp: 65099

Ion Ratio Lower Upper

152 100

150 155.5 123.8 185.6

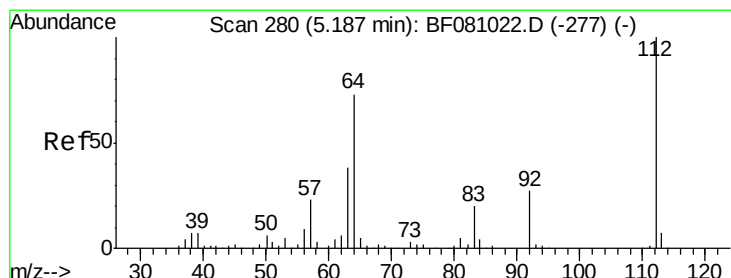
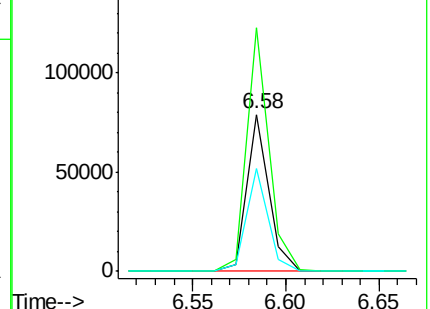
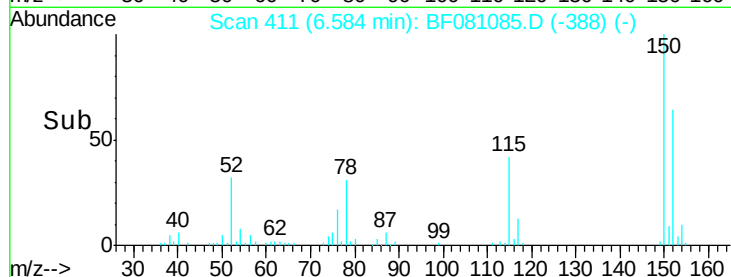
115 65.4 52.1 78.1



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



#5

2-Fluorophenol

Concen: 12.55 ng

RT: 5.14 min Scan# 285

Delta R.T. -0.04 min

Lab File: BF081085.D

Acq: 19 Aug 2015 17:14

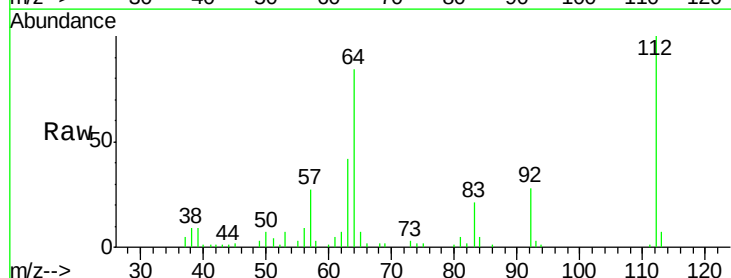
Tgt Ion:112 Resp: 54314

Ion Ratio Lower Upper

112 100

64 83.7 66.9 100.3

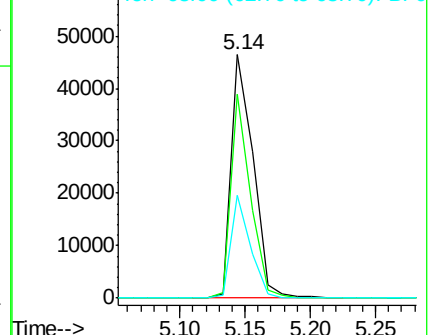
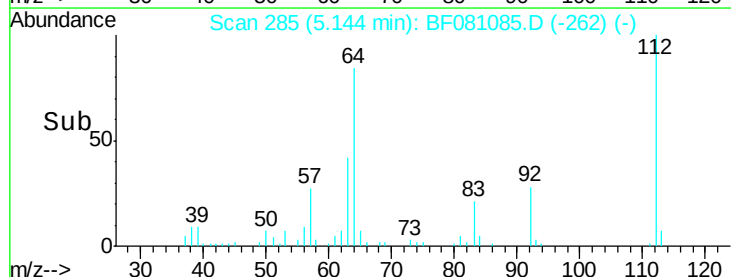
63 42.3 38.1 57.1

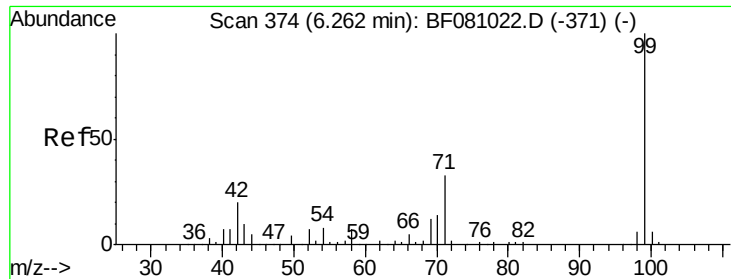


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.35 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.04 min

Lab File: BF081085.D

Acq: 19 Aug 2015 17:14

Instrument :

BNA_F

ClientSampled :

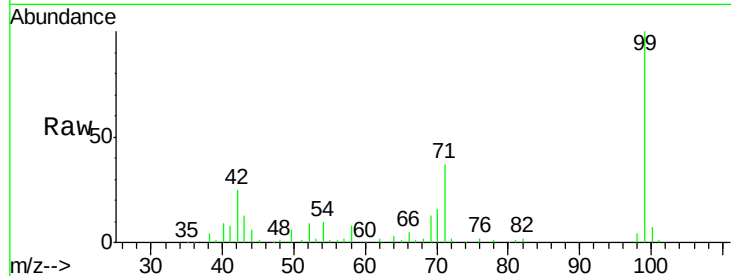
Tot Ion: 99 Resp: 75403

Ion Ratio Lower Upper

99 100

42 24.7 19.6 29.4

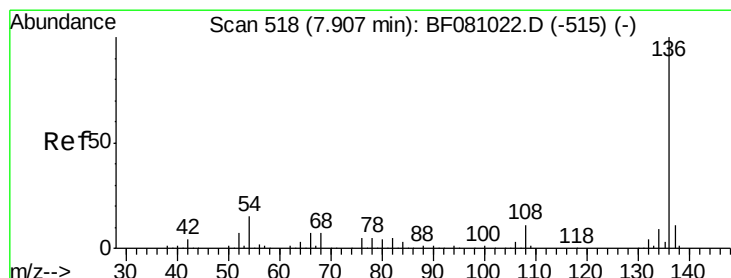
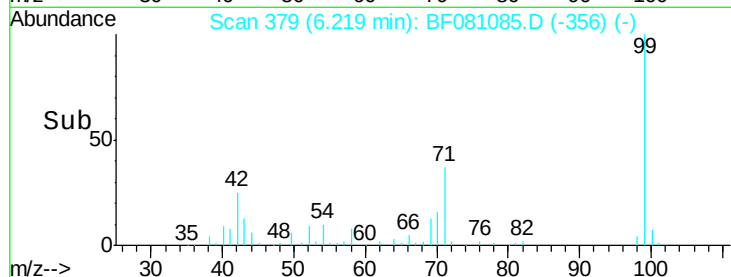
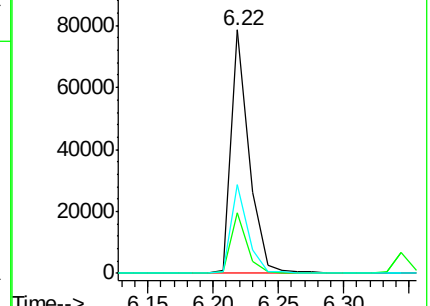
71 36.5 31.2 46.8



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: 7.88 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF081085.D

Acq: 19 Aug 2015 17:14

Tgt Ion: 136 Resp: 261921

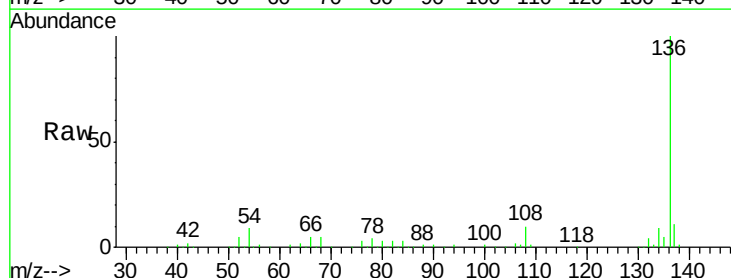
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 9.4 7.7 11.5

68 5.1 3.4 5.2

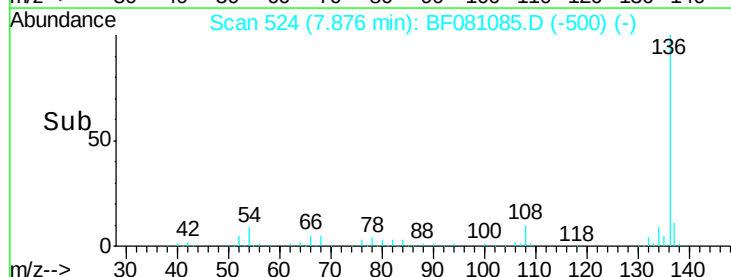
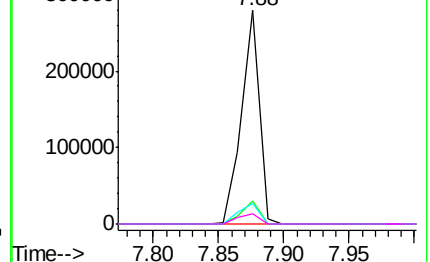


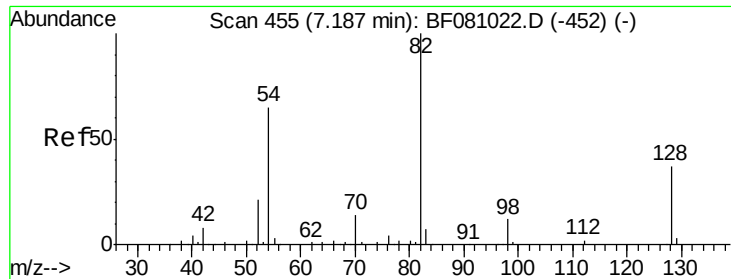
Abundance Ion 136.00 (135.70 to 136.70): E

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

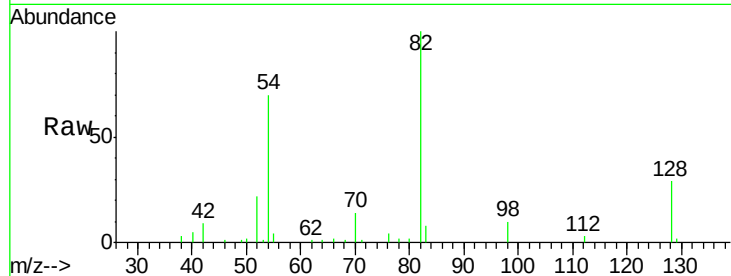




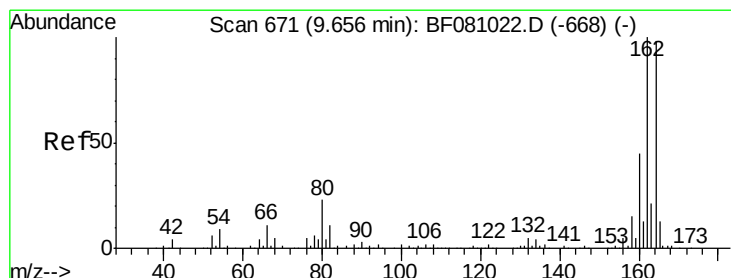
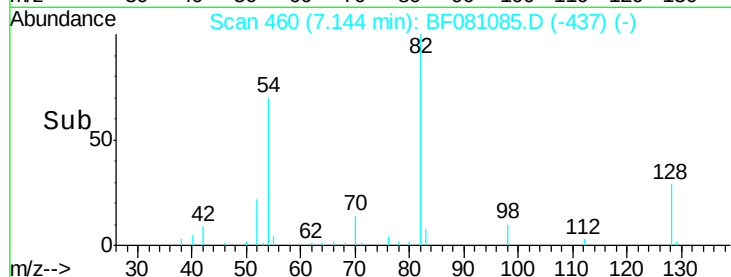
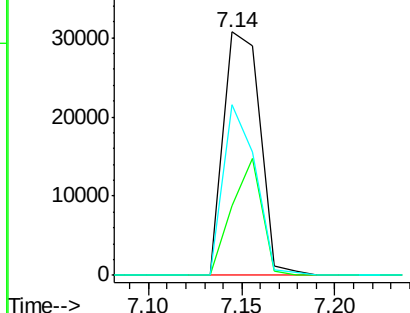
#23
Nitrobenzene-d5
Concen: 7.35 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.04 min
Lab File: BF081085.D
Acq: 19 Aug 2015 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 42162
Ion Ratio Lower Upper
82 100
128 28.8 28.6 42.8
54 70.1 55.1 82.7

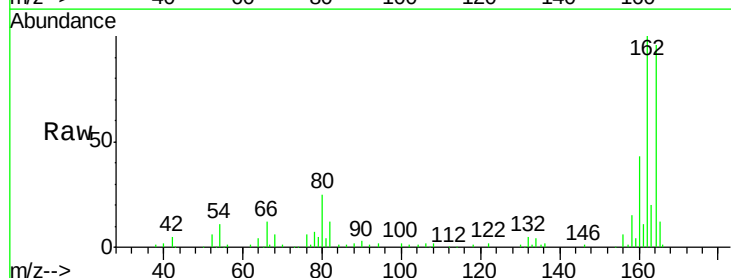


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

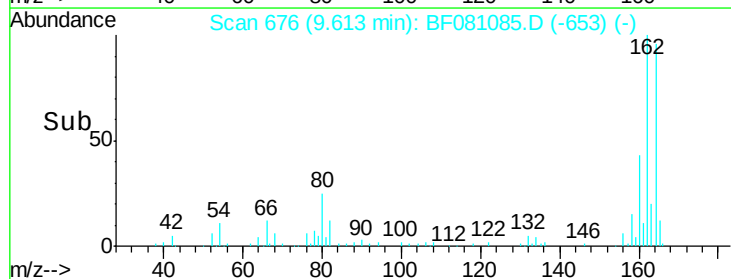
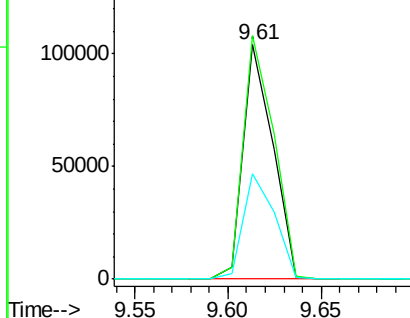


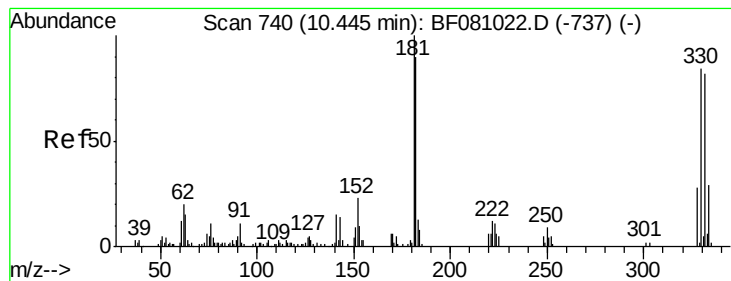
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF081085.D
Acq: 19 Aug 2015 17:14

Tgt Ion: 164 Resp: 114898
Ion Ratio Lower Upper
164 100
162 103.9 83.8 125.8
160 45.0 39.8 59.8



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: 12.28 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081085.D

Acq: 19 Aug 2015 17:14

Instrument :
BNA_F
ClientSampleId :

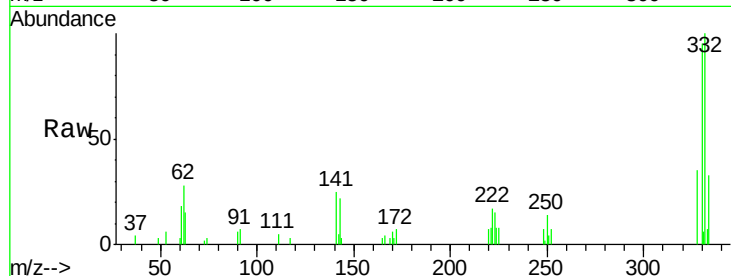
Tot Ion:330 Resp: 12235

Ion Ratio Lower Upper

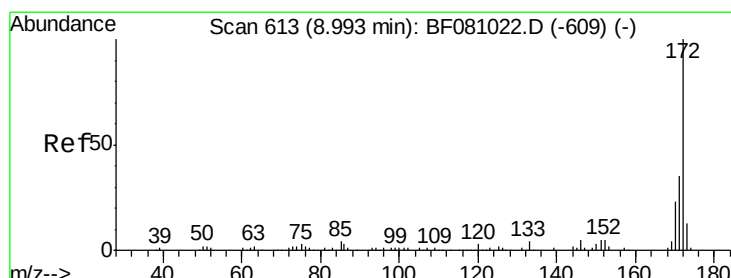
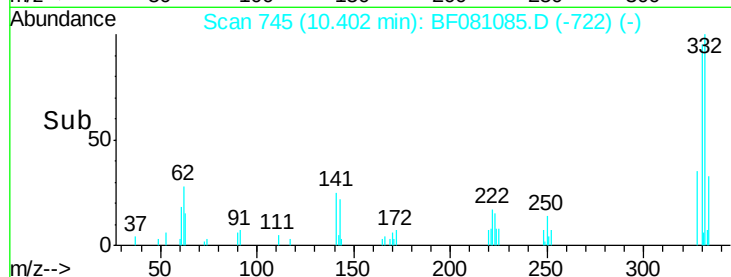
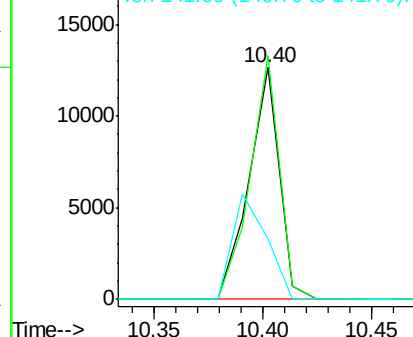
330 100

332 100.5 77.3 115.9

141 50.8 44.9 67.3



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: 9.74 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.04 min

Lab File: BF081085.D

Acq: 19 Aug 2015 17:14

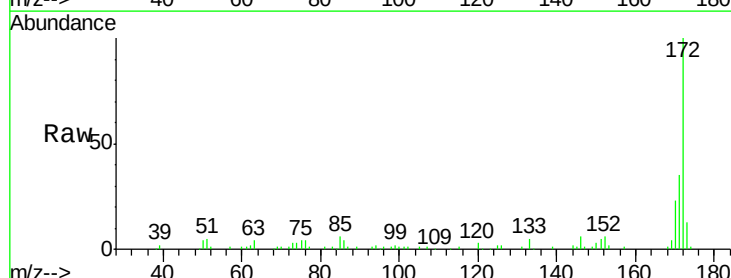
Tgt Ion:172 Resp: 85393

Ion Ratio Lower Upper

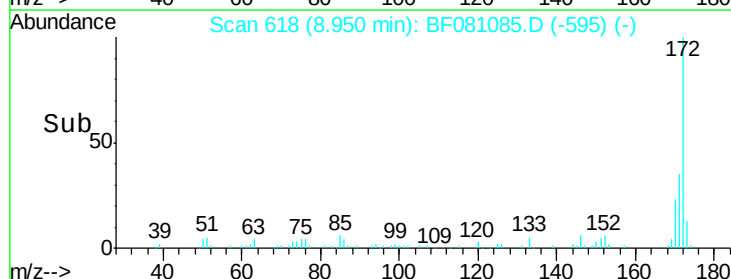
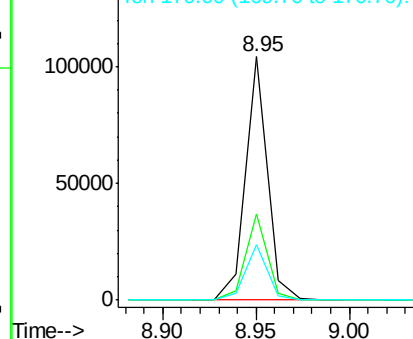
172 100

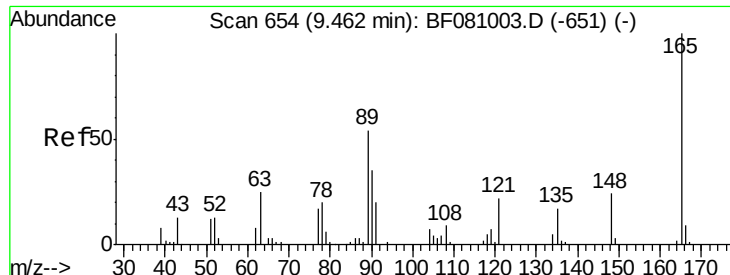
171 35.2 28.9 43.3

170 23.0 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

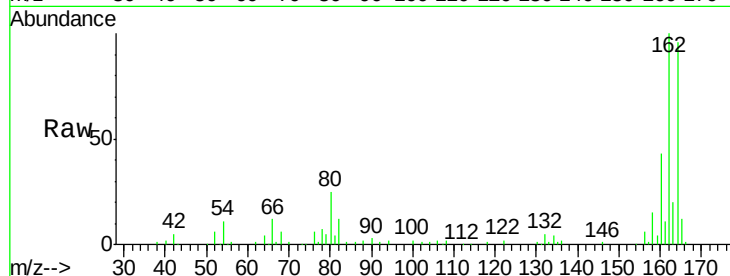




#50
 2,6-Dinitrotoluene
 Concen: 7.14 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081085.D
 Acq: 19 Aug 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :

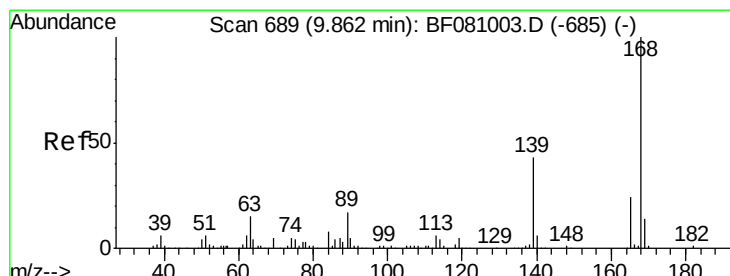
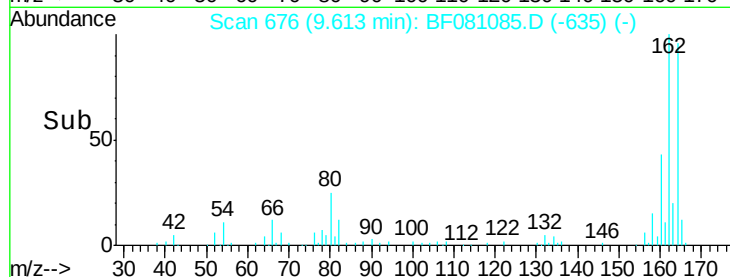
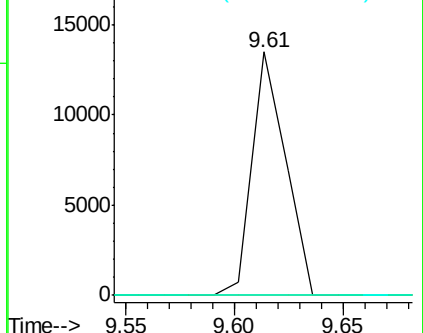
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.39 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081085.D
 Acq: 19 Aug 2015 17:14

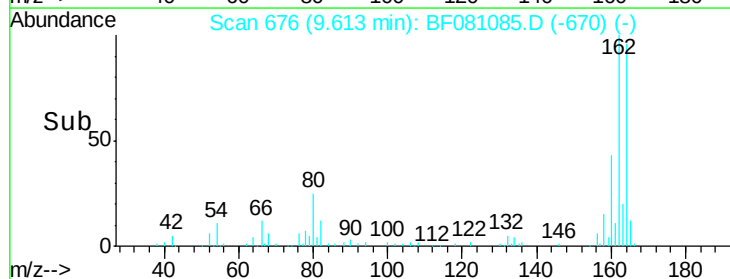
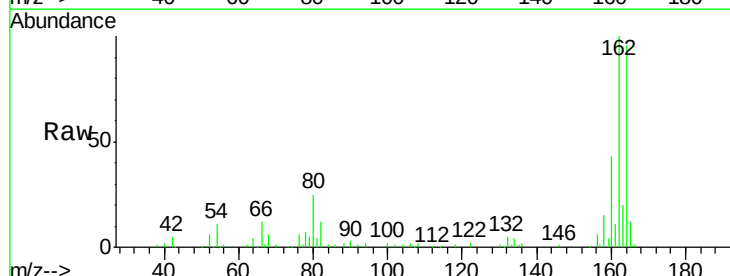
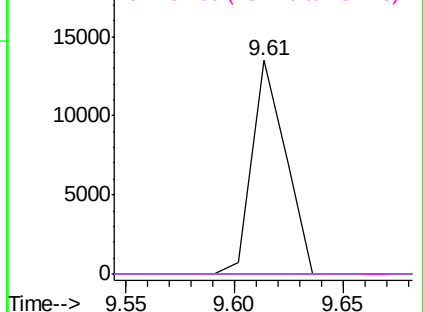
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

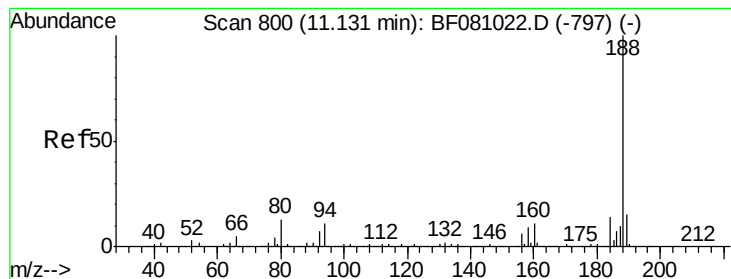
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 805

Delta R.T. -0.04 min

Lab File: BF081085.D

Acq: 19 Aug 2015 17:14

Instrument :

BNA_F

ClientSampleId :

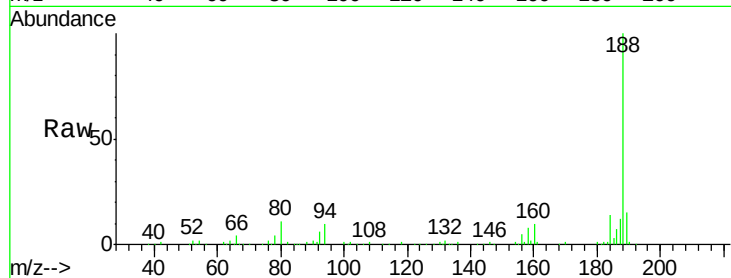
Tot Ion:188 Resp: 248189

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

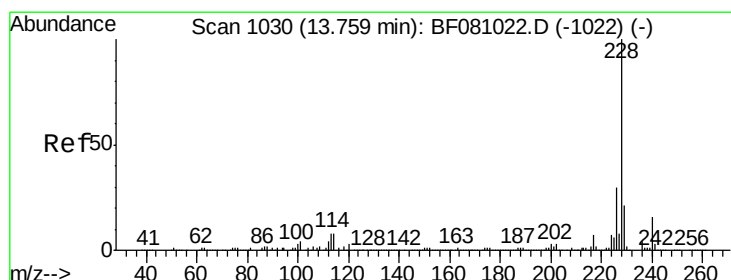
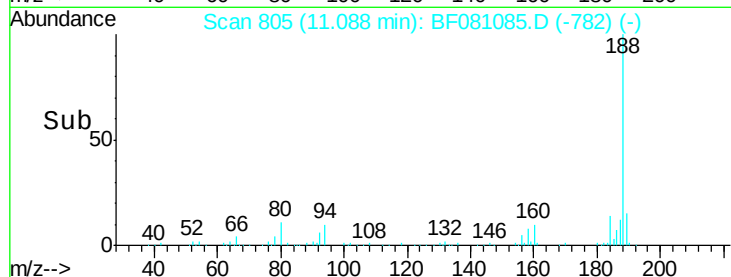
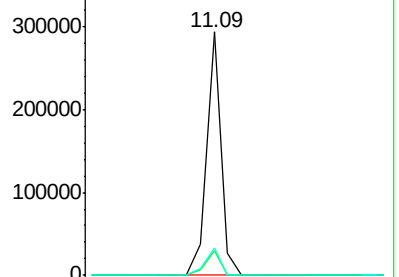
80 11.3 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081085.D

Acq: 19 Aug 2015 17:14

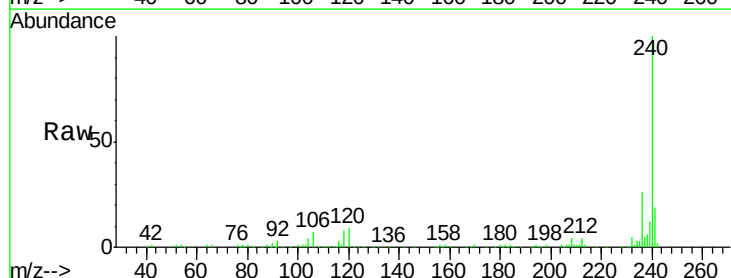
Tgt Ion:240 Resp: 233969

Ion Ratio Lower Upper

240 100

120 9.4 5.6 8.4#

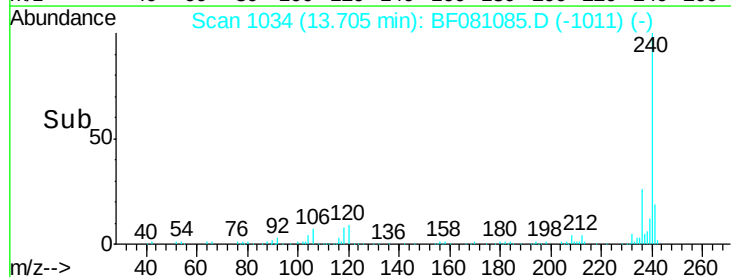
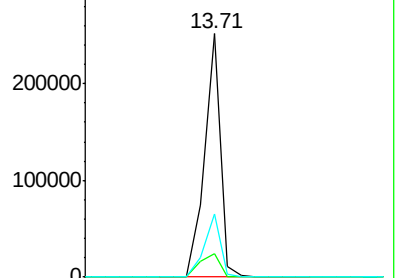
236 26.0 20.6 30.8

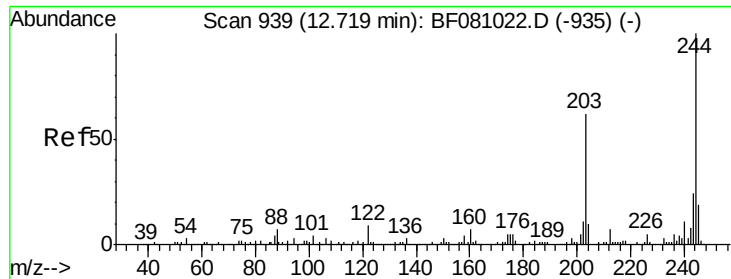


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

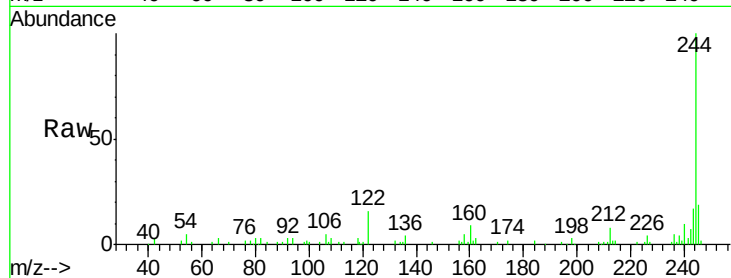




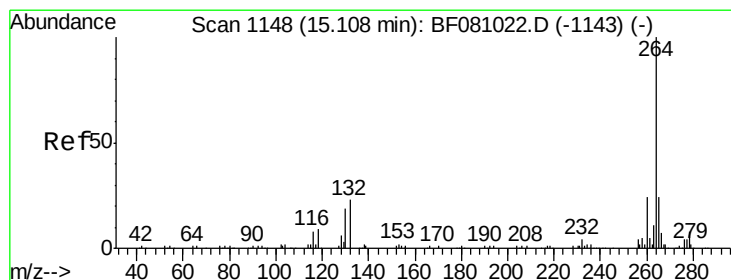
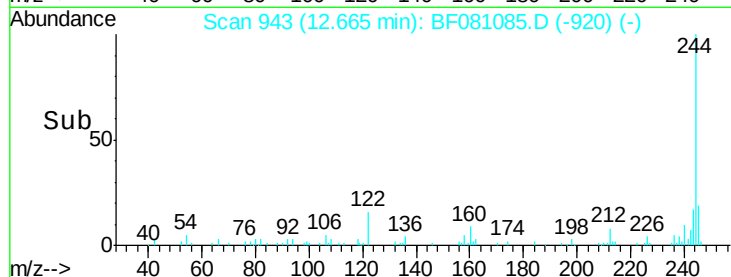
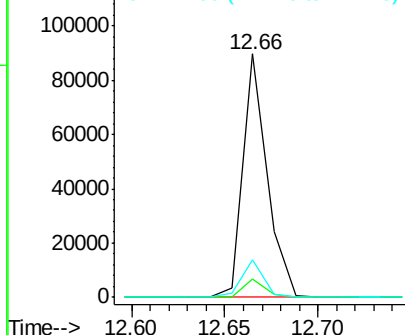
#78
 Terphenyl-d14
 Concen: 7.41 ng
 RT: 12.66 min Scan# 943
 Delta R.T. -0.04 min
 Lab File: BF081085.D
 Acq: 19 Aug 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 80840
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 15.5 8.2 12.4#

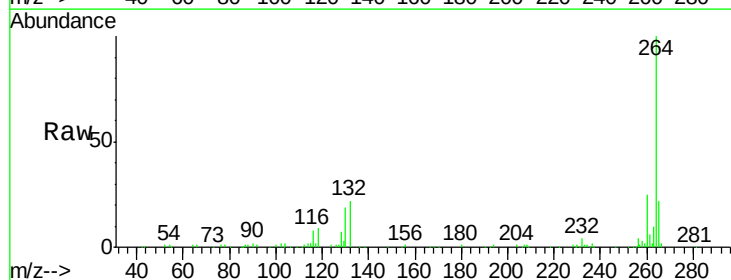


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081085.D
 Acq: 19 Aug 2015 17:14

Tgt Ion:264 Resp: 187127
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 21.5 17.5 26.3



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

