

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083135.D
 Acq On : 22 Nov 2015 3:33
 Operator : UM/IZ
 Sample : G4513-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9865

Quant Time: Dec 01 03:25:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

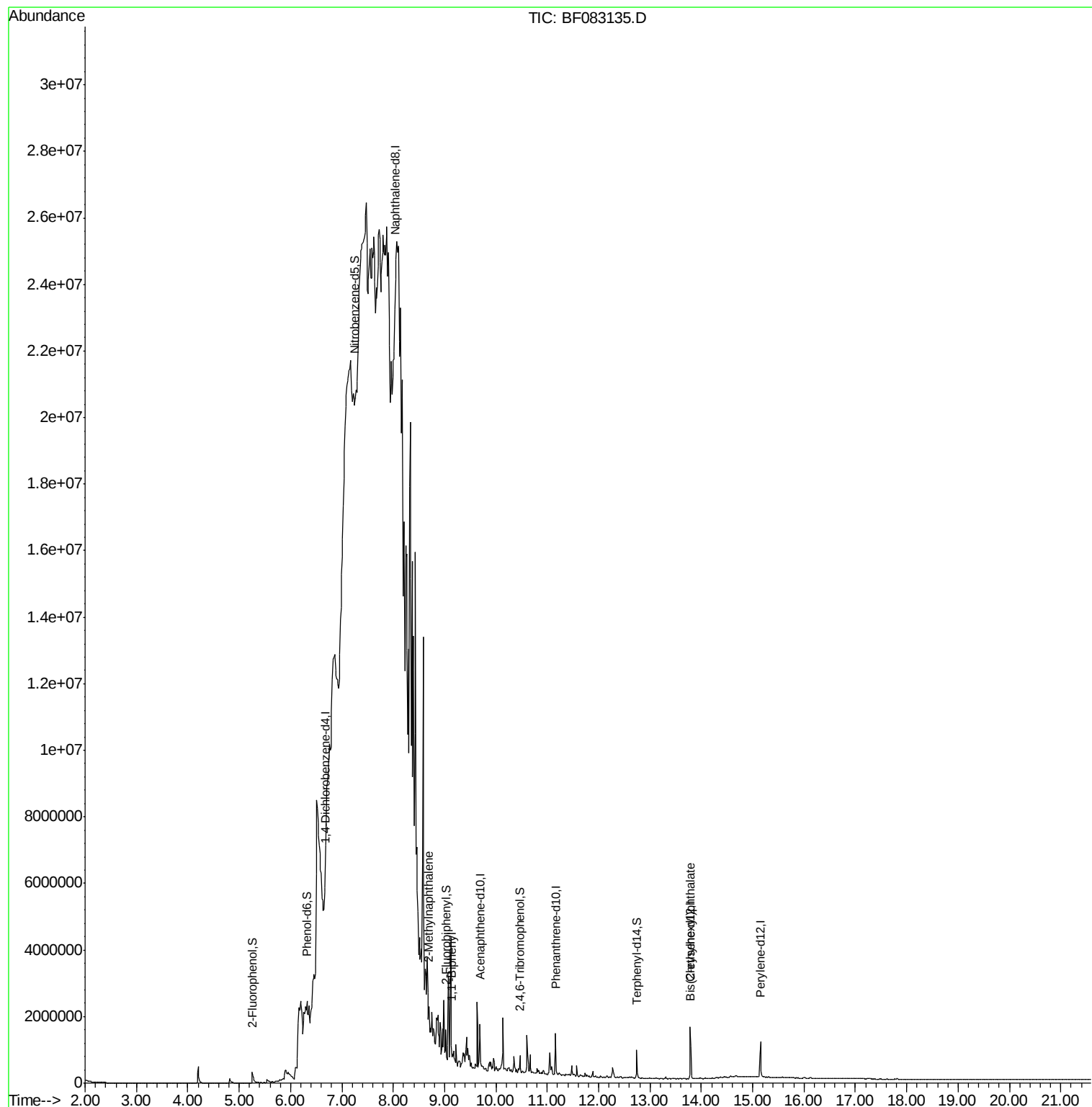
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	153760	20.00	ng	0.01
21) Naphthalene-d8	8.04	136	448972	20.00	ng	0.09
38) Acenaphthene-d10	9.69	164	295673	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	595149	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	575509	20.00	ng	-0.02
86) Perylene-d12	15.15	264	532429	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	184589	18.15	ng	-0.02
7) Phenol-d6	6.32	99	315436	23.97	ng	-0.02
23) Nitrobenzene-d5	7.26	82	175338	17.84	ng	0.02
41) 2,4,6-Tribromophenol	10.47	330	44820	14.82	ng	-0.02
44) 2-Fluorobiphenyl	9.03	172	246899	11.64	ng	0.00
78) Terphenyl-d14	12.74	244	263728	10.79	ng	-0.02
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.70	142	127359	8.10	ng	95
45) 1,1'-Biphenyl	9.13	154	75805	3.01	ng	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	97191	4.00	ng	# 98

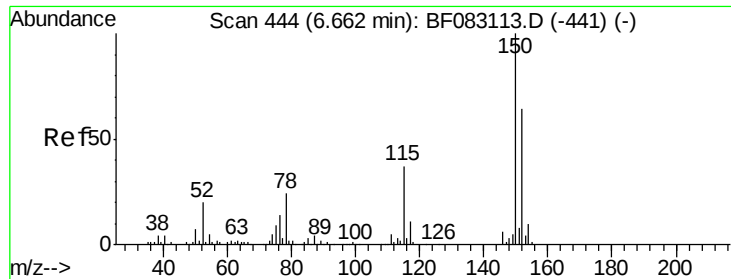
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Nov 22 09:22:46 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF083135.D

Acq: 22 Nov 2015 3:33

Instrument :

BNA_F

ClientSampleId :

LAR-9865

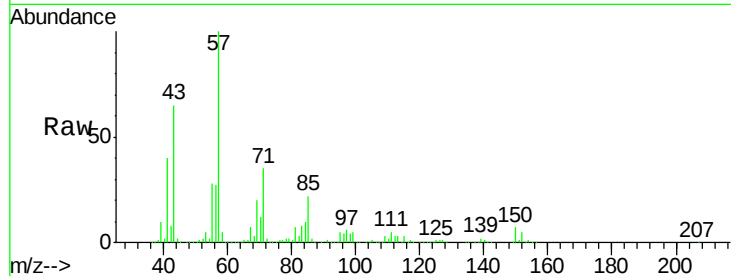
Tgt Ion:152 Resp: 153760

Ion Ratio Lower Upper

152 100

150 146.8 125.8 188.8

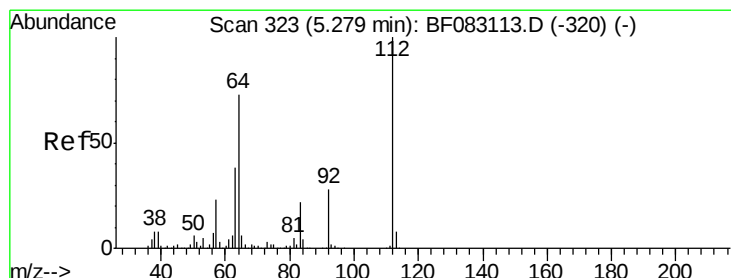
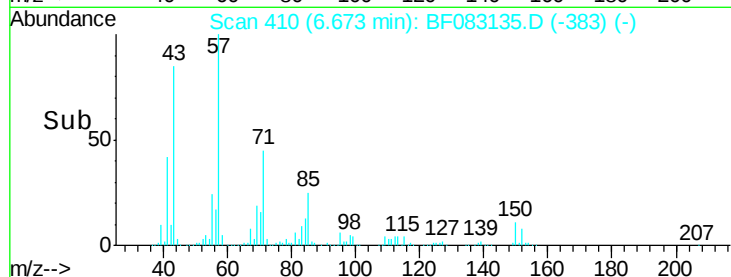
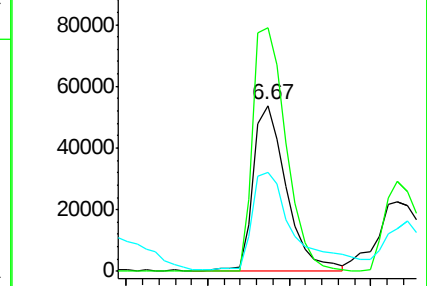
115 59.8 46.9 70.3



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: 18.15 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083135.D

Acq: 22 Nov 2015 3:33

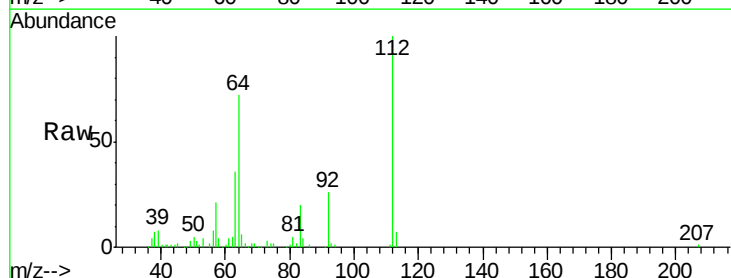
Tgt Ion:112 Resp: 184589

Ion Ratio Lower Upper

112 100

64 72.1 58.4 87.6

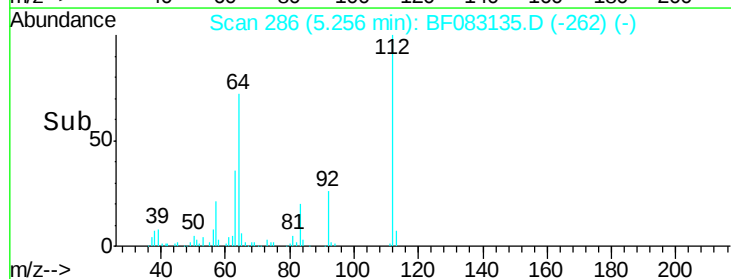
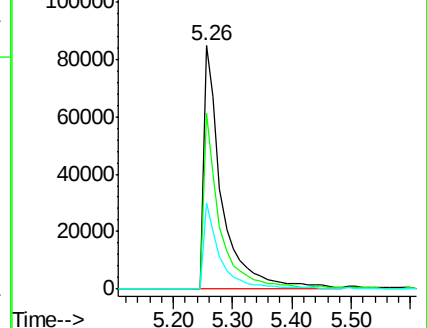
63 35.5 30.0 45.0

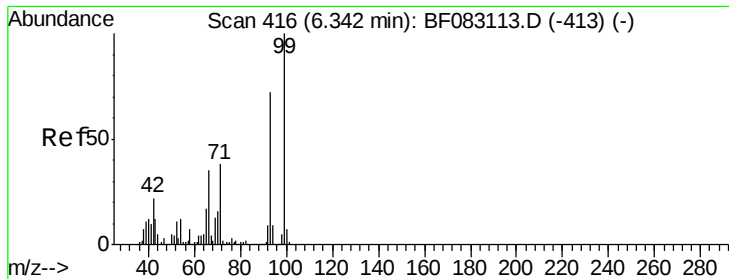


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.97 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083135.D

Acq: 22 Nov 2015 3:33

Instrument :

BNA_F

ClientSampleId :

LAR-9865

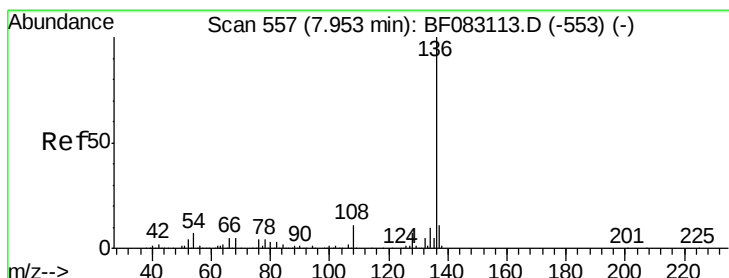
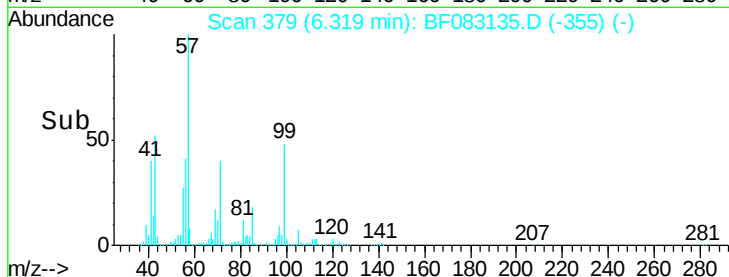
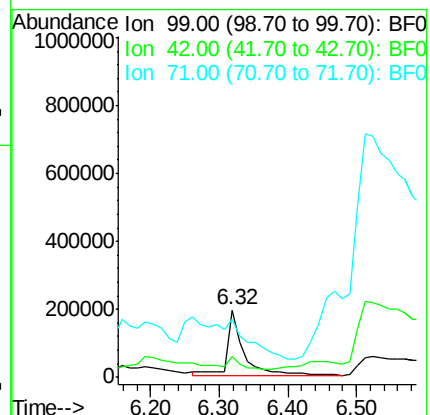
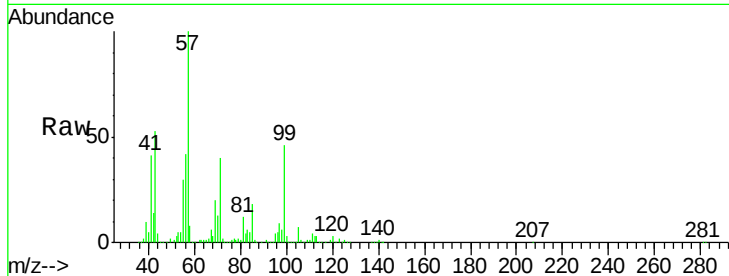
Tgt Ion: 99 Resp: 315436

Ion Ratio Lower Upper

99 100

42 30.3 17.7 26.5#

71 86.6 30.2 45.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 530

Delta R.T. 0.09 min

Lab File: BF083135.D

Acq: 22 Nov 2015 3:33

Tgt Ion: 136 Resp: 448972

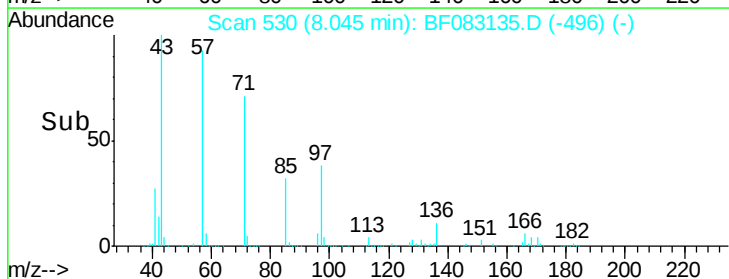
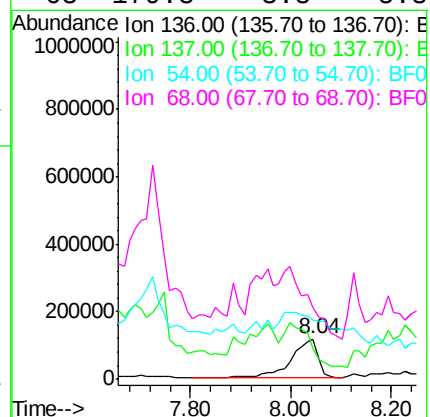
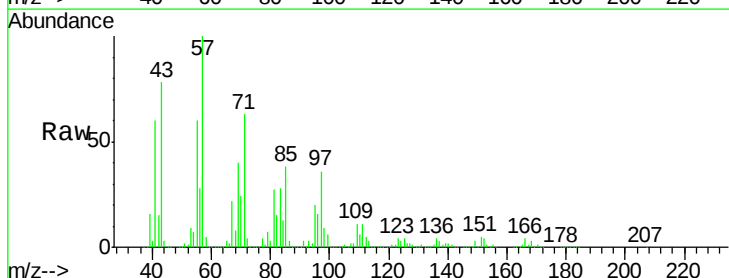
Ion Ratio Lower Upper

136 100

137 78.4 8.7 13.1#

54 148.3 5.8 8.6#

68 179.8 3.8 5.8#

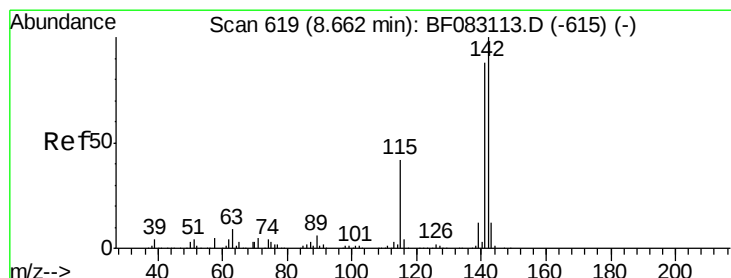
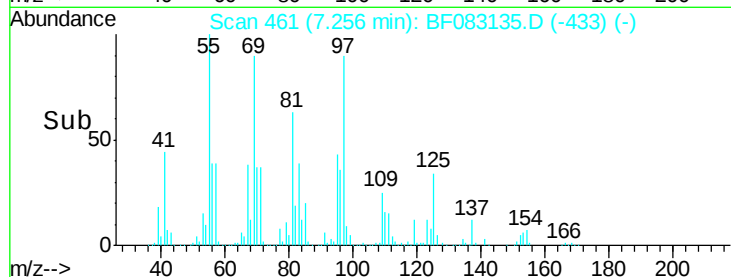
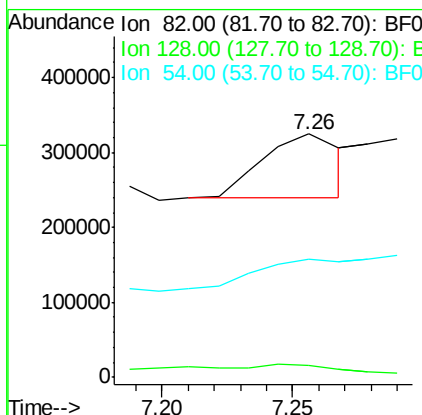
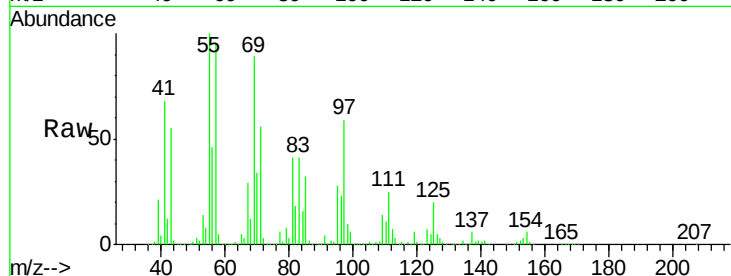




#23
 Nitrobenzene-d5
 Concen: 17.84 ng
 RT: 7.26 min Scan# 461
 Delta R.T. 0.02 min
 Lab File: BF083135.D
 Acq: 22 Nov 2015 3:33

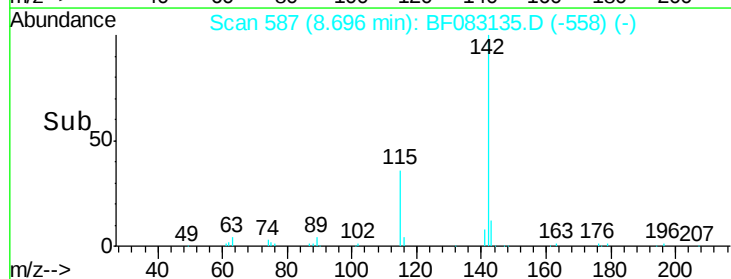
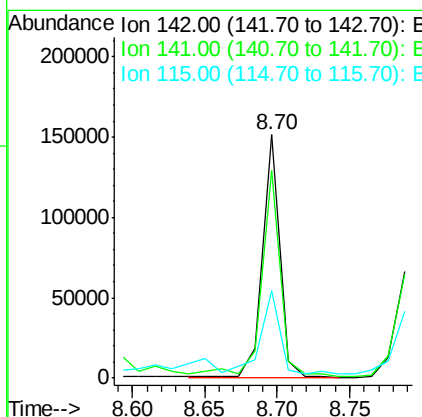
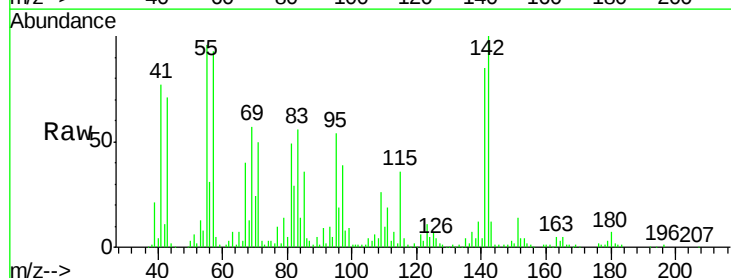
Instrument :
 BNA_F
 ClientSampleId :
 LAR-9865

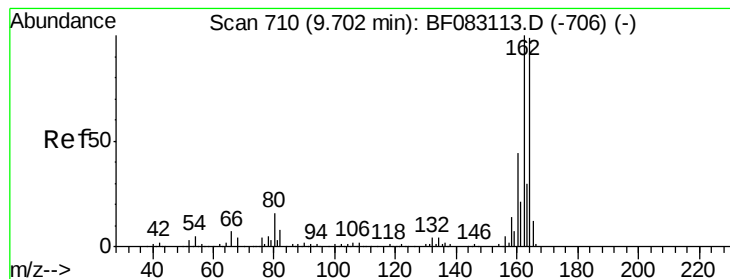
Tgt Ion: 82 Resp: 175338
 Ion Ratio Lower Upper
 82 100
 128 4.9 28.5 42.7#
 54 48.3 44.6 67.0



#37
 2-Methylnaphthalene
 Concen: 8.10 ng
 RT: 8.70 min Scan# 587
 Delta R.T. 0.03 min
 Lab File: BF083135.D
 Acq: 22 Nov 2015 3:33

Tgt Ion: 142 Resp: 127359
 Ion Ratio Lower Upper
 142 100
 141 85.3 70.3 105.5
 115 36.0 33.4 50.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF083135.D

Acq: 22 Nov 2015 3:33

Instrument :

BNA_F

ClientSampleId :

LAR-9865

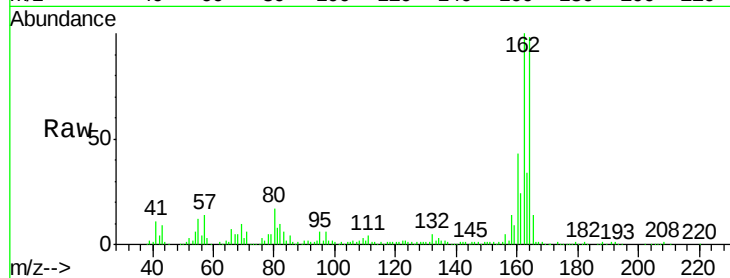
Tgt Ion:164 Resp: 295673

Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

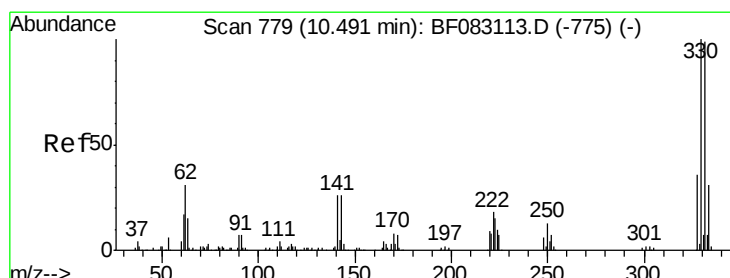
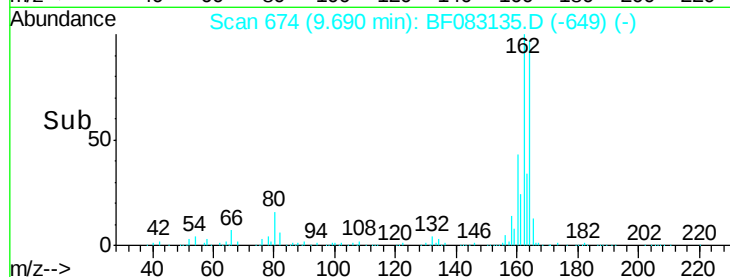
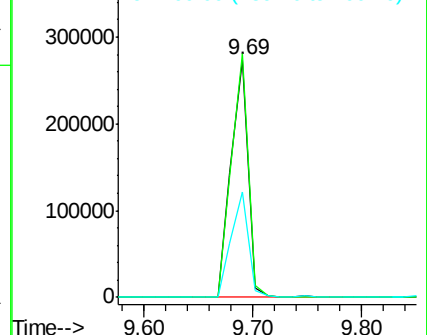
160 44.2 35.6 53.4



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: 14.82 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF083135.D

Acq: 22 Nov 2015 3:33

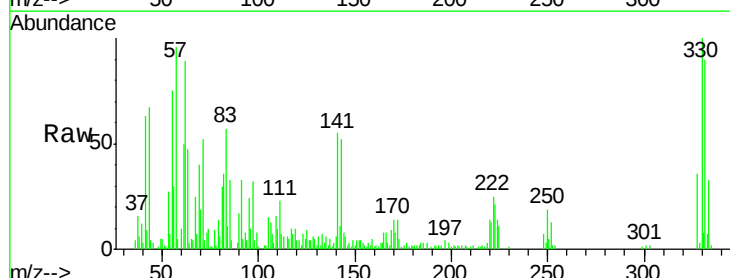
Tgt Ion:330 Resp: 44820

Ion Ratio Lower Upper

330 100

332 94.2 77.7 116.5

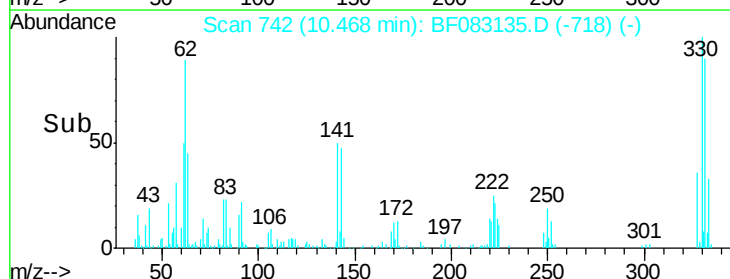
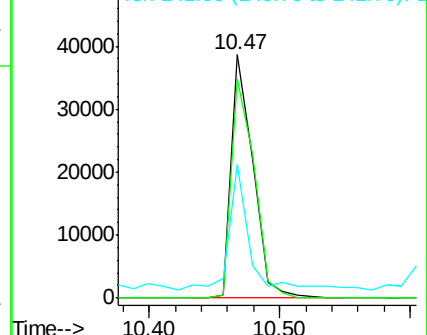
141 47.8 29.7 44.5#

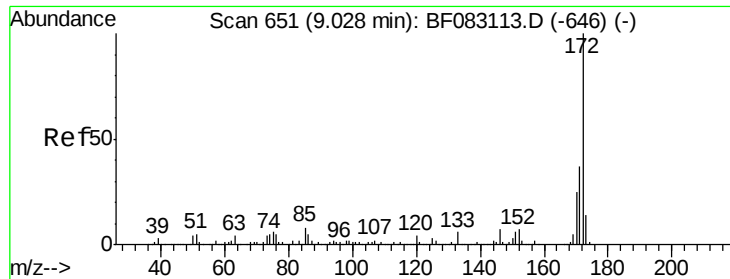


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 11.64 ng

RT: 9.03 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF083135.D

Acq: 22 Nov 2015 3:33

Instrument :

BNA_F

ClientSampleId :

LAR-9865

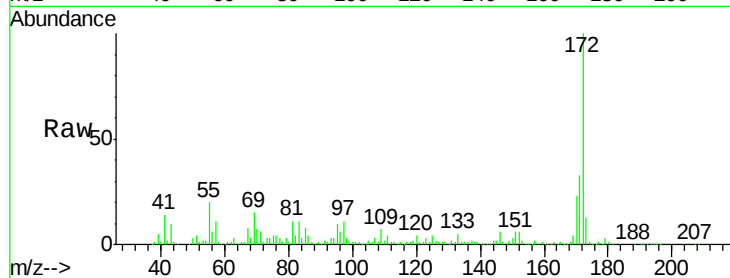
Tgt Ion:172 Resp: 246899

Ion Ratio Lower Upper

172 100

171 33.2 29.5 44.3

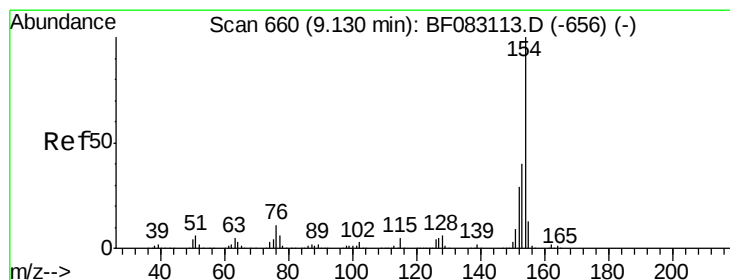
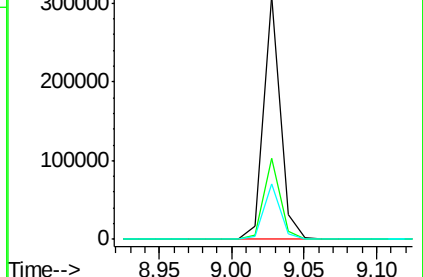
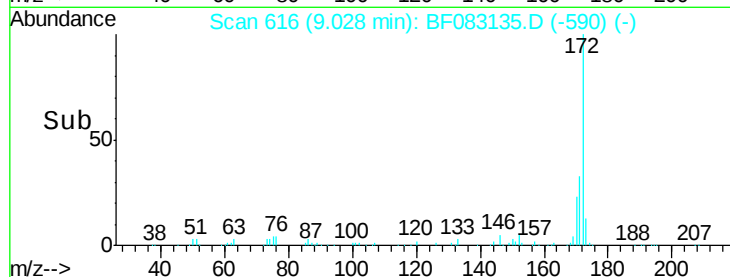
170 22.6 19.9 29.9



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



#45

1,1'-Biphenyl

Concen: 3.01 ng

RT: 9.13 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF083135.D

Acq: 22 Nov 2015 3:33

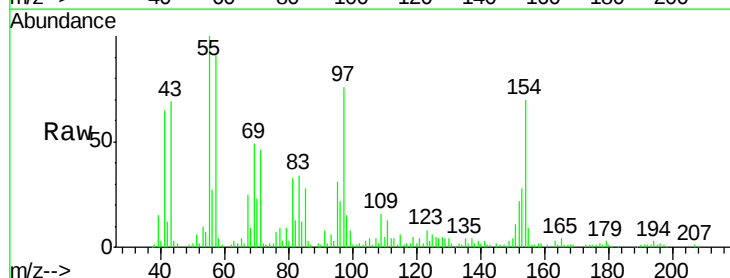
Tgt Ion:154 Resp: 75805

Ion Ratio Lower Upper

154 100

153 39.6 20.5 60.5

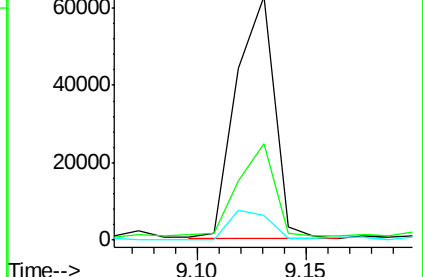
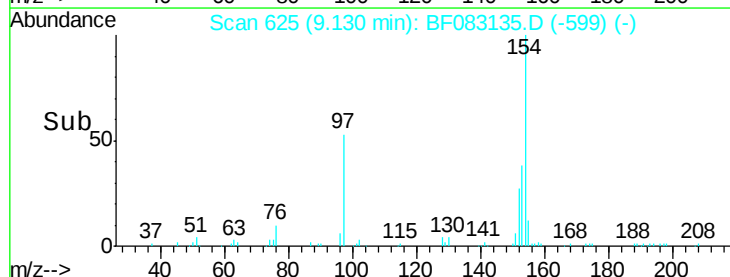
76 10.3 0.0 31.2

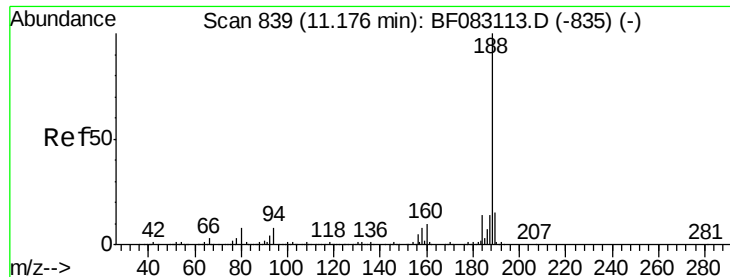


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

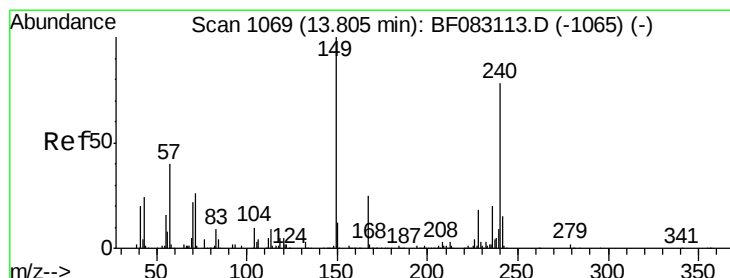
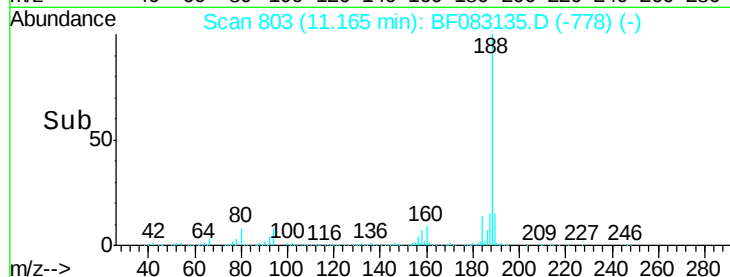
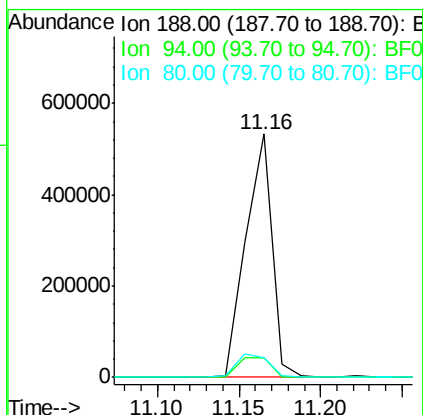
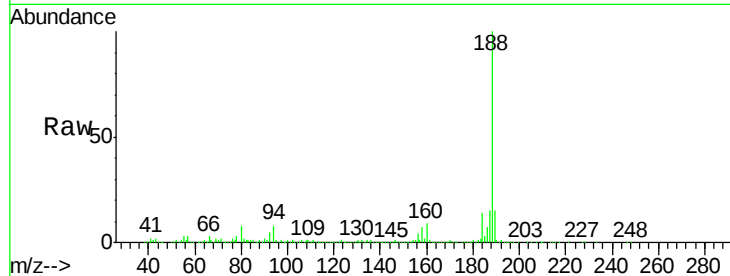




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

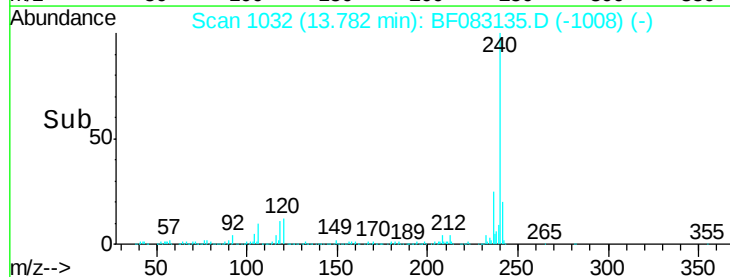
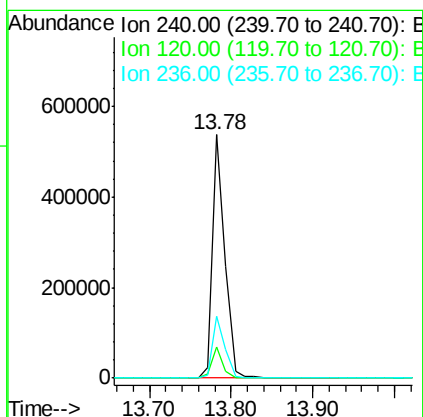
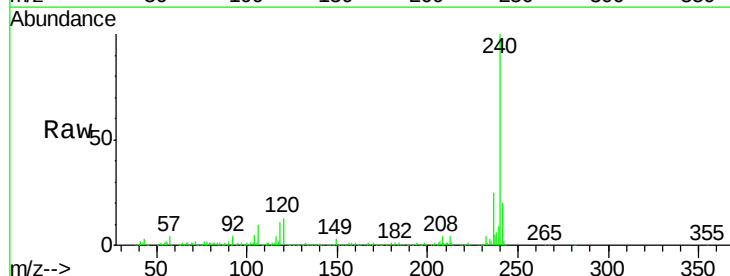
Instrument :
BNA_F
ClientSampleId :
LAR-9865

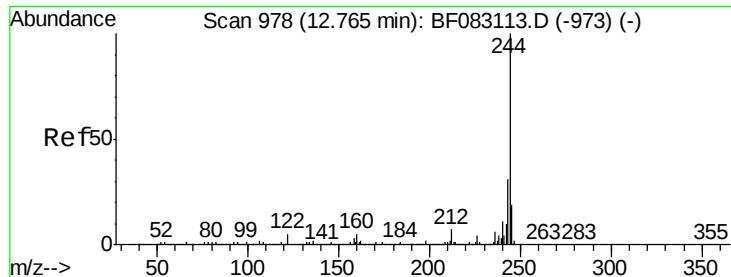
Tgt Ion:188 Resp: 595149
Ion Ratio Lower Upper
188 100
94 7.9 6.0 9.0
80 8.0 6.7 10.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion:240 Resp: 575509
Ion Ratio Lower Upper
240 100
120 12.6 5.4 8.2#
236 25.5 20.6 31.0





#78

Terphenyl-d14

Concen: 10.79 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083135.D

Acq: 22 Nov 2015 3:33

Instrument :

BNA_F

ClientSampleId :

LAR-9865

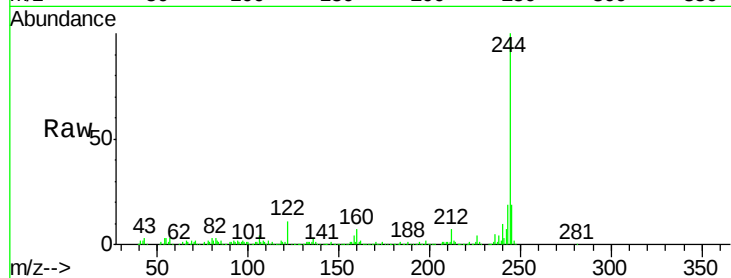
Tgt Ion:244 Resp: 263728

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

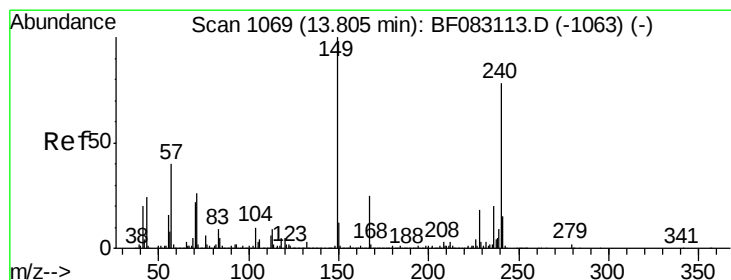
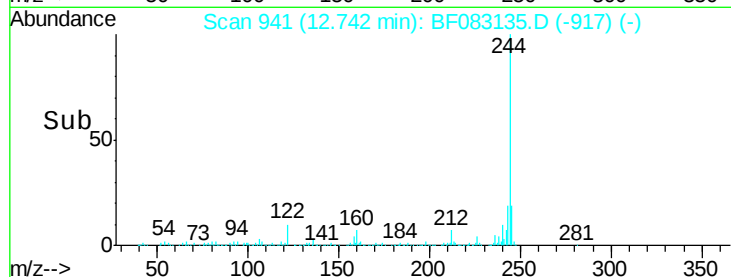
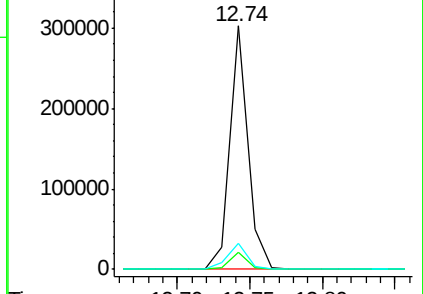
122 10.5 4.3 6.5#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.00 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083135.D

Acq: 22 Nov 2015 3:33

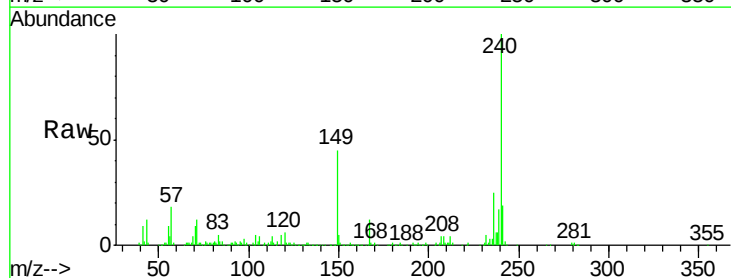
Tgt Ion:149 Resp: 97191

Ion Ratio Lower Upper

149 100

167 25.9 20.1 30.1

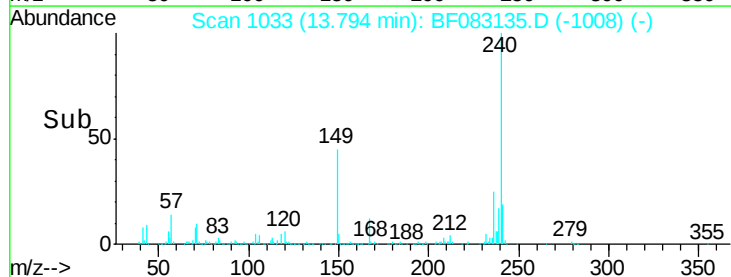
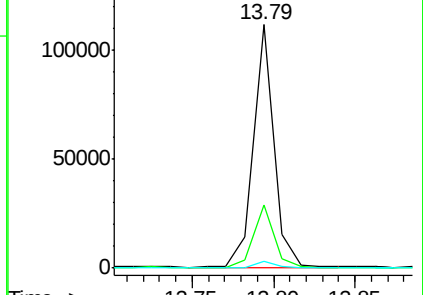
279 2.9 1.7 2.5#

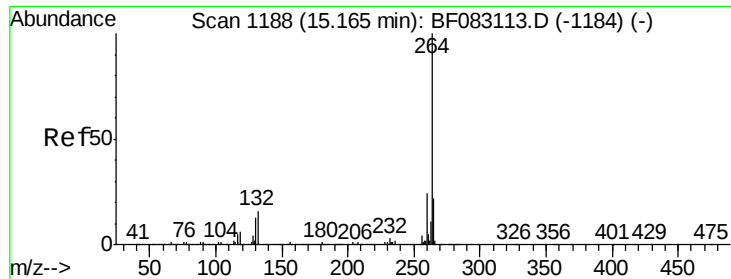


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

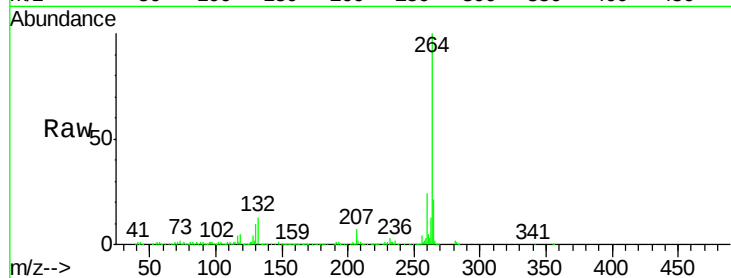




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.2	18.2	27.4



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

