

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085043.D
 Acq On : 12 Feb 2016 6:03
 Operator : SJ/IZ
 Sample : H1387-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

Quant Time: Feb 12 08:11:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

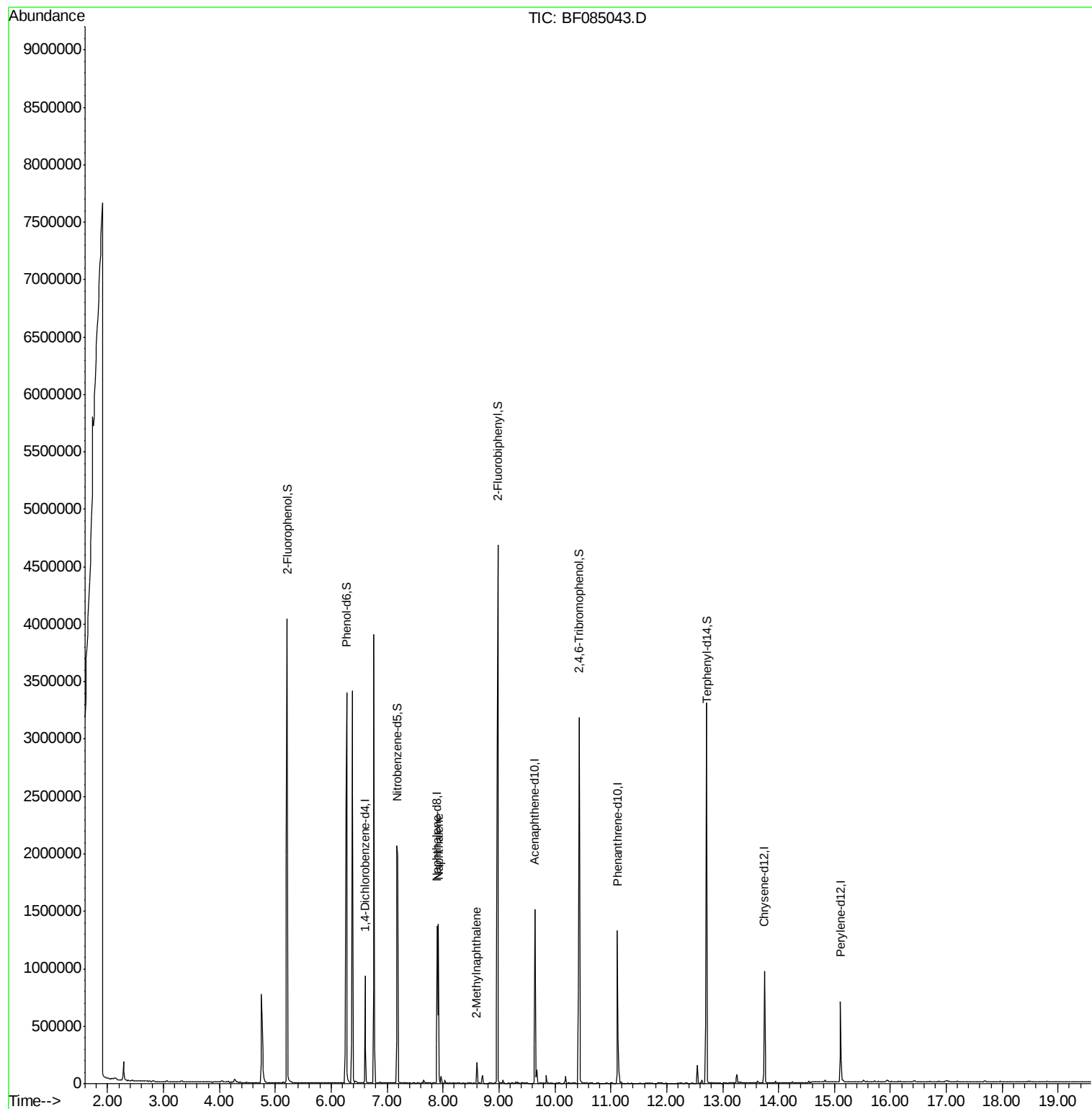
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	140993	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	617382	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	293847	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	496662	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	341305	20.00	ng	-0.02
86) Perylene-d12	15.11	264	300240	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1237422	136.70	ng	0.01
7) Phenol-d6	6.27	99	1513316	134.85	ng	-0.01
23) Nitrobenzene-d5	7.18	82	1048899	95.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	371318	121.14	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1924122	141.34	ng	-0.01
78) Terphenyl-d14	12.72	244	1586117	105.31	ng	-0.01
Target Compounds						
31) Naphthalene	7.92	128	670589	21.65	ng	98
37) 2-Methylnaphthalene	8.60	142	50834	2.62	ng	97

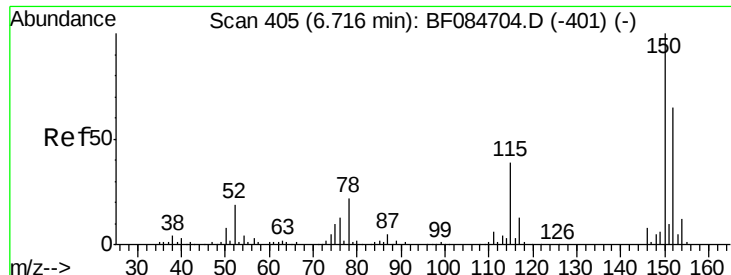
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

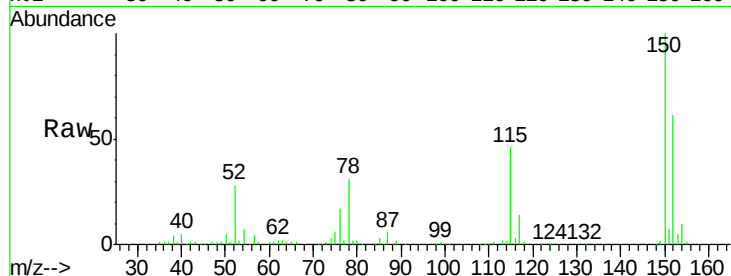
Tgt Ion:152 Resp: 140993

Ion Ratio Lower Upper

152 100

150 162.7 123.0 184.4

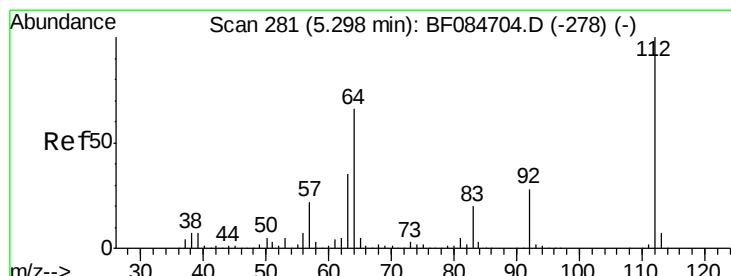
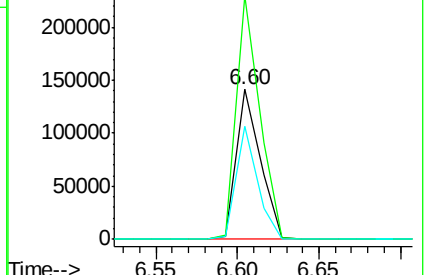
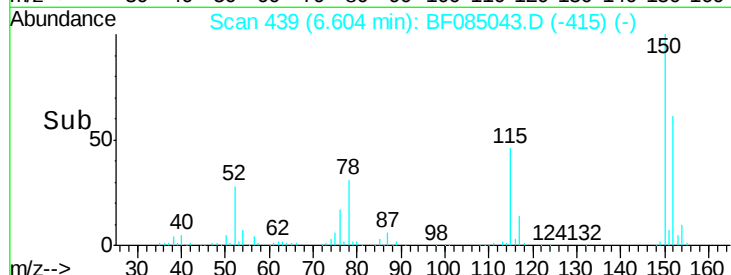
115 75.5 51.4 77.2



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: 136.70 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

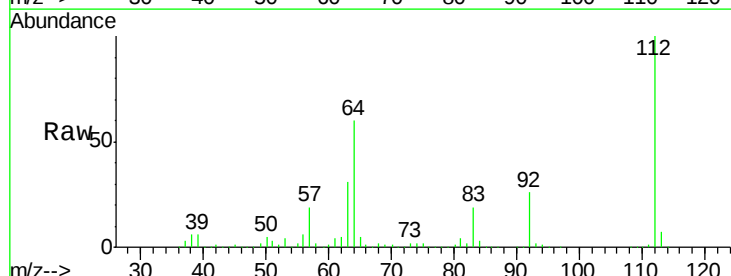
Tgt Ion:112 Resp: 1237422

Ion Ratio Lower Upper

112 100

64 60.0 36.6 55.0#

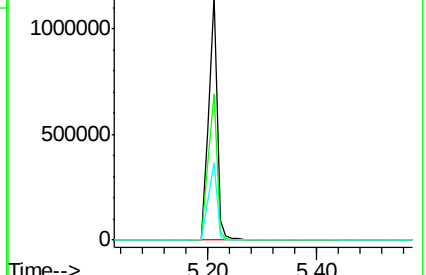
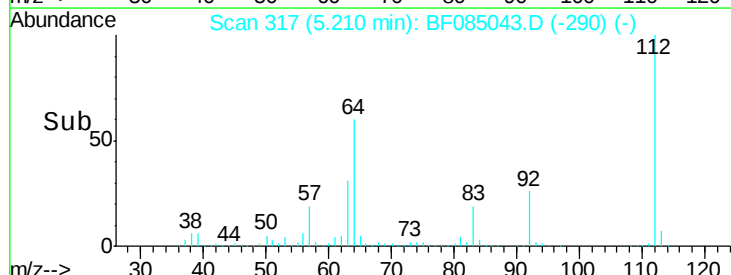
63 31.5 19.4 29.0#

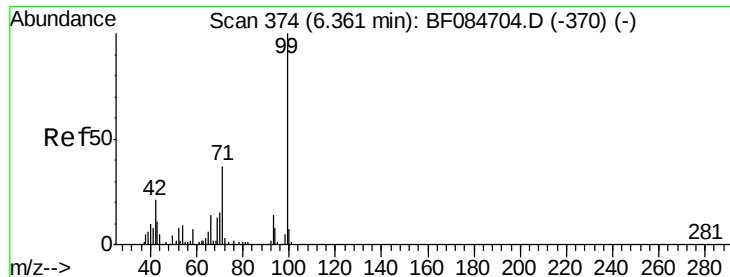


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.85 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

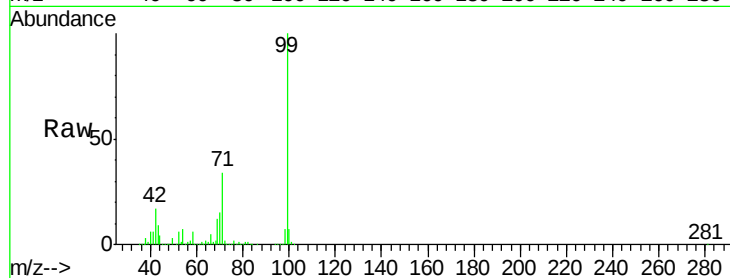
Tgt Ion: 99 Resp: 1513316

Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

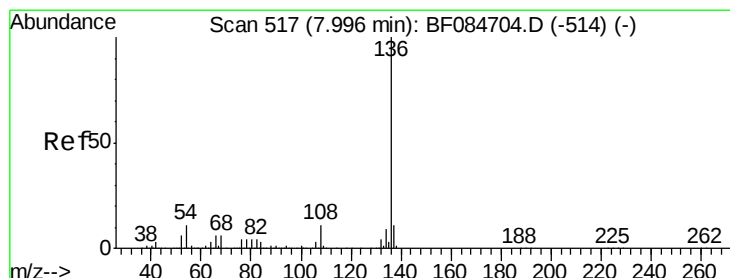
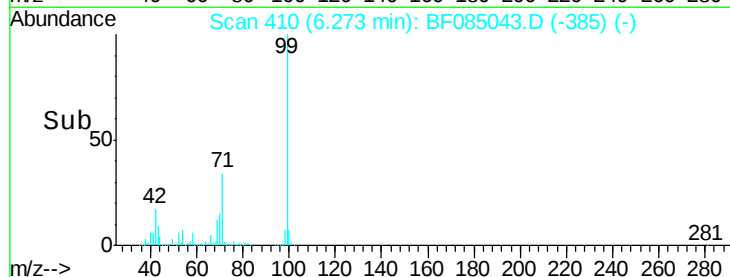
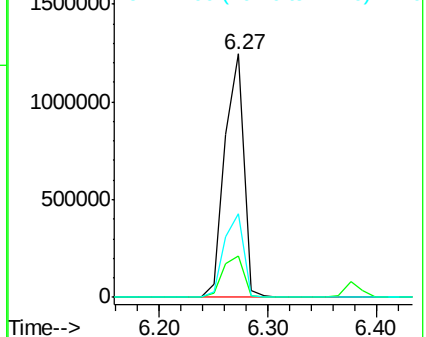
71 34.4 30.9 46.3



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: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Tgt Ion: 136 Resp: 617382

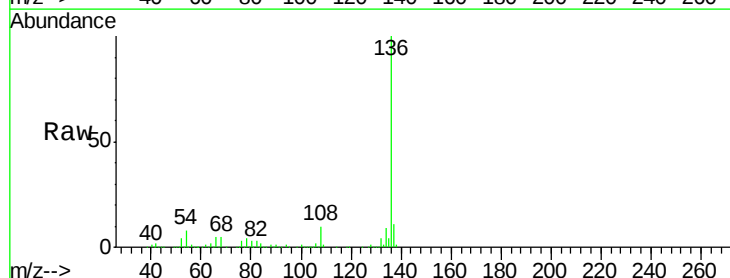
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.9 5.8 8.8

68 4.7 4.2 6.2

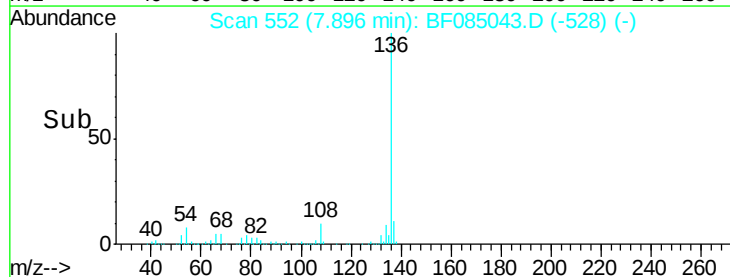
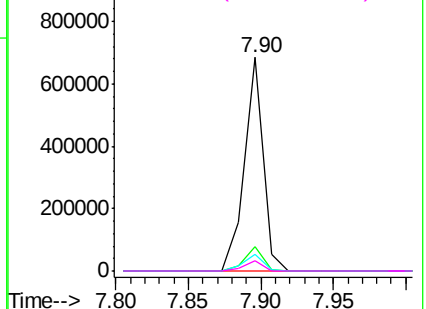


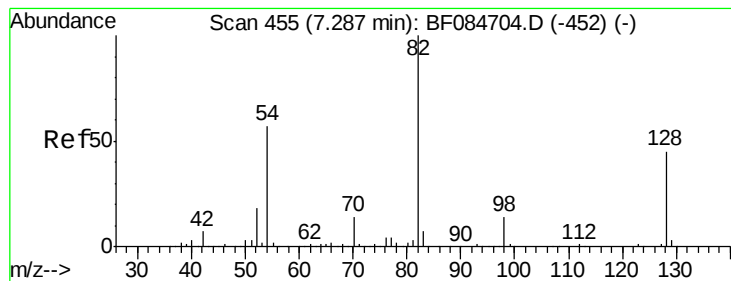
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.71 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

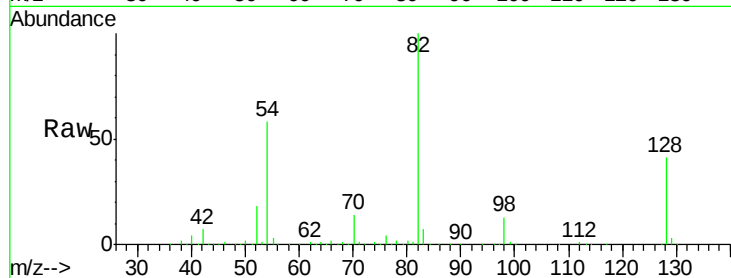
Tgt Ion: 82 Resp: 1048899

Ion Ratio Lower Upper

82 100

128 40.7 34.6 51.8

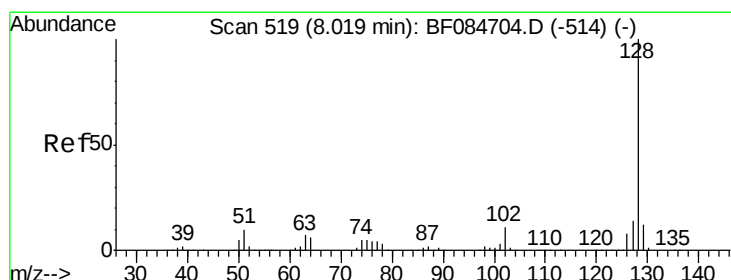
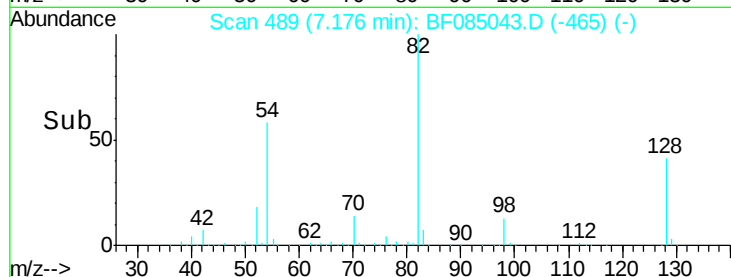
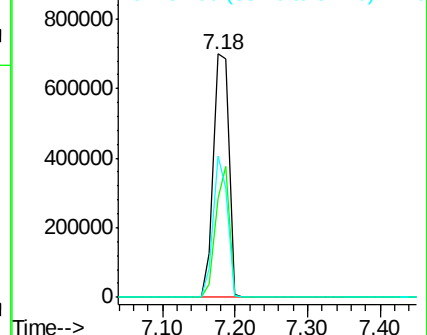
54 58.2 38.4 57.6#



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



#31

Naphthalene

Concen: 21.65 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

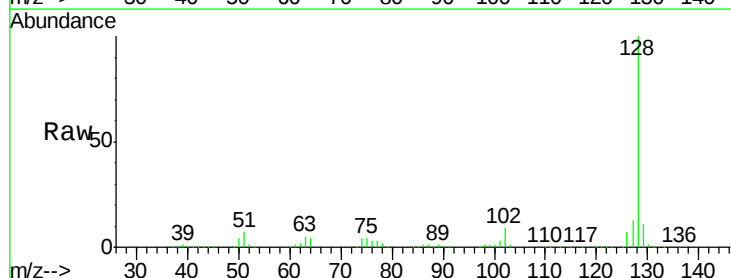
Tgt Ion: 128 Resp: 670589

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

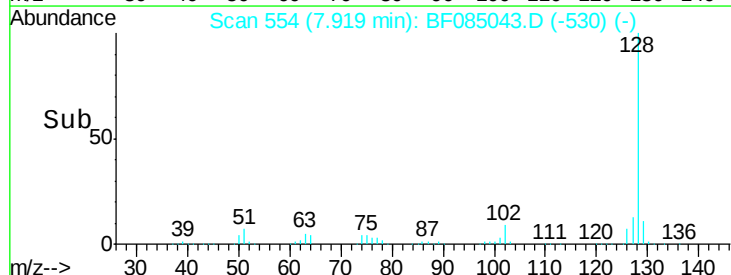
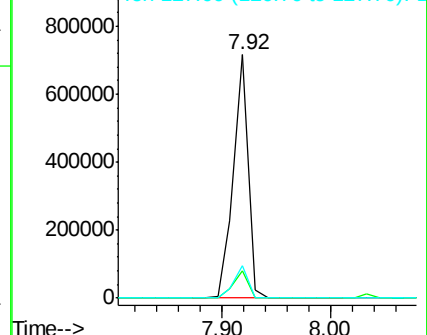
127 13.1 11.1 16.7

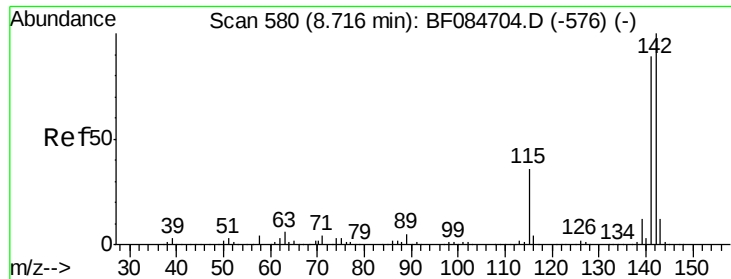


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

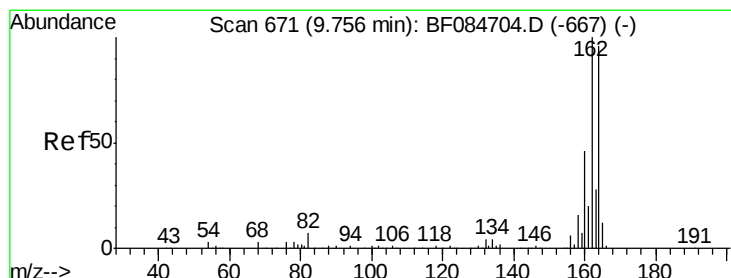
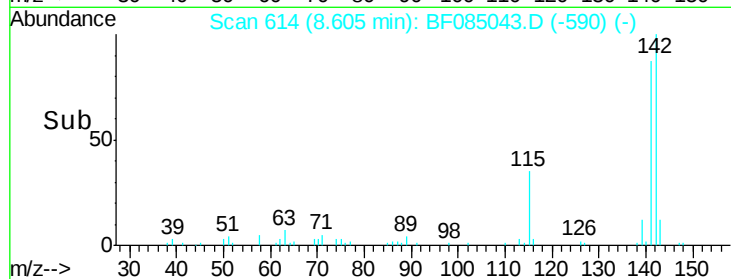
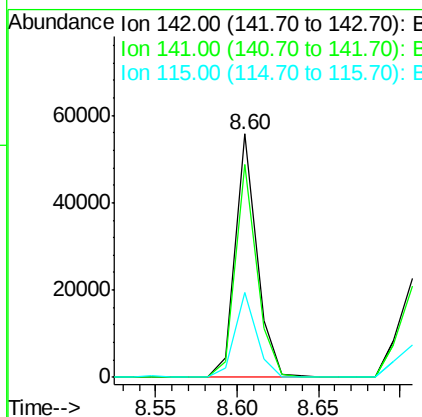
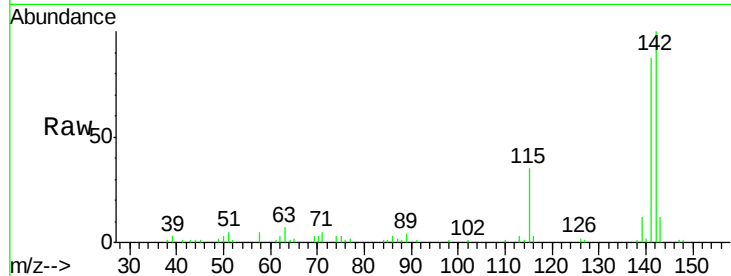




#37
 2-Methylnaphthalene
 Concen: 2.62 ng
 RT: 8.60 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF085043.D
 Acq: 12 Feb 2016 6:03

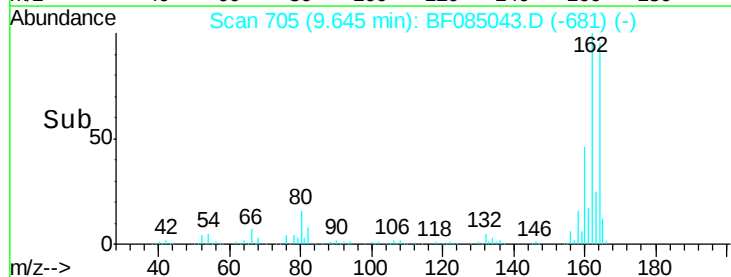
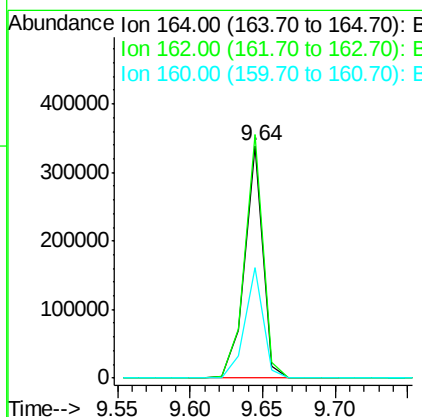
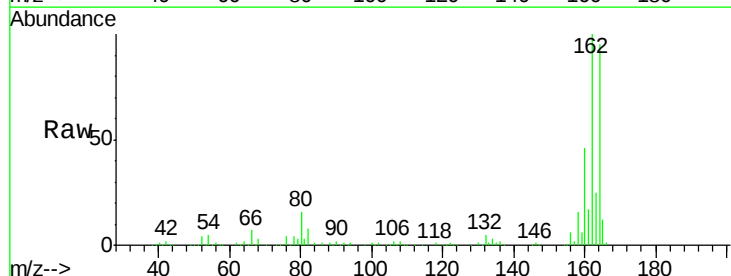
Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

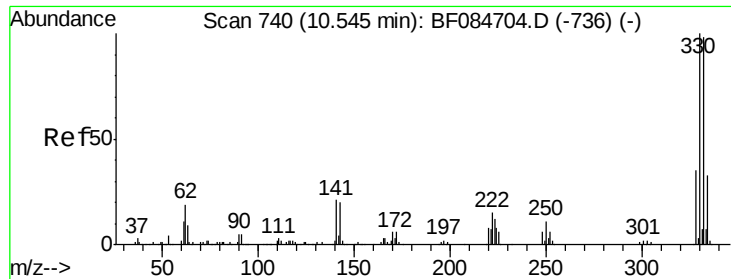
Tgt Ion:142 Resp: 50834
 Ion Ratio Lower Upper
 142 100
 141 87.3 72.4 108.6
 115 34.7 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085043.D
 Acq: 12 Feb 2016 6:03

Tgt Ion:164 Resp: 293847
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.1 127.7
 160 47.7 37.5 56.3

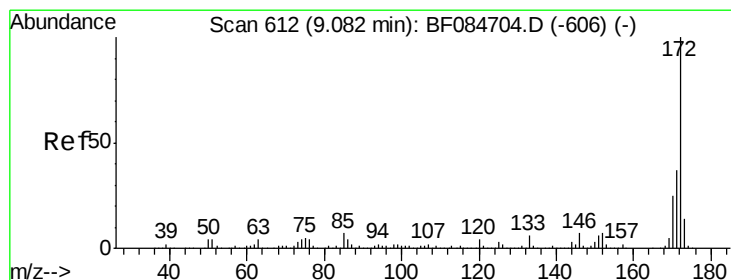
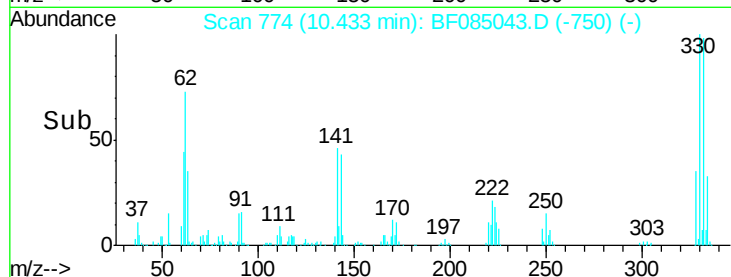
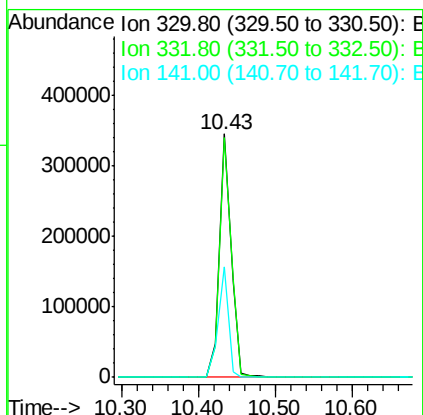
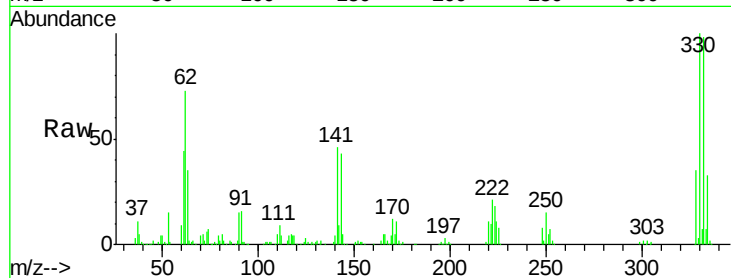




#41
 2,4,6-Tribromophenol
 Concen: 121.14 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085043.D
 Acq: 12 Feb 2016 6:03

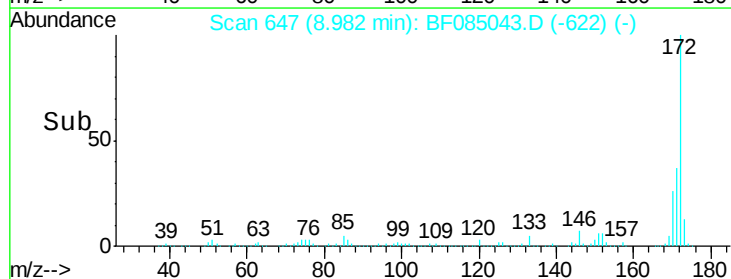
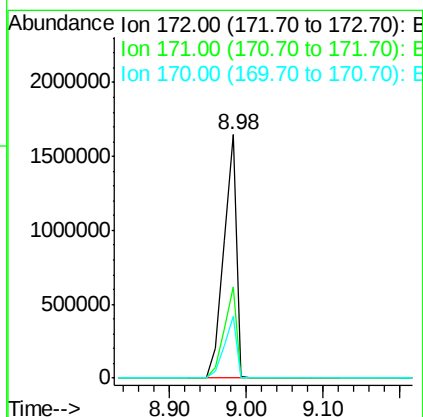
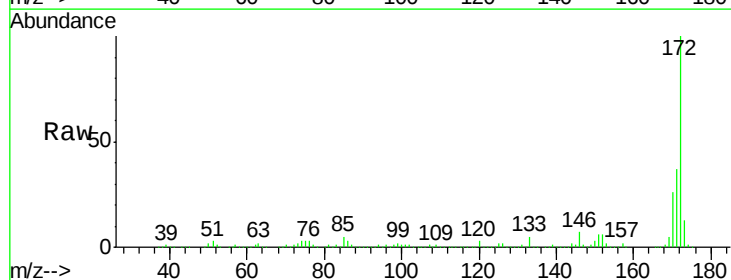
Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

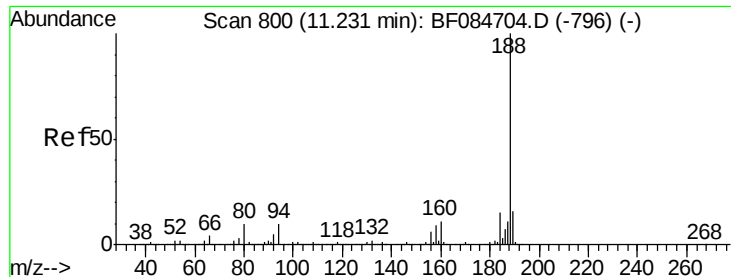
Tgt Ion:330 Resp: 371318
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 114.8
 141 39.4 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 141.34 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085043.D
 Acq: 12 Feb 2016 6:03

Tgt Ion:172 Resp: 1924122
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.9 43.3
 170 25.5 18.6 27.8

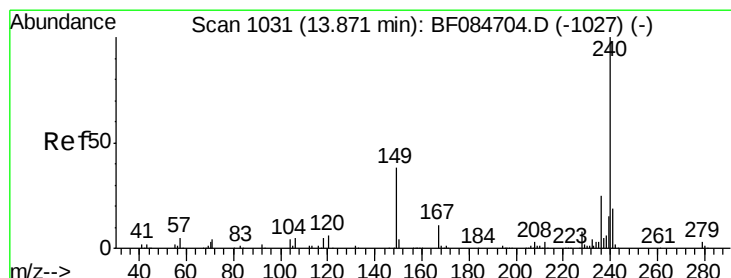
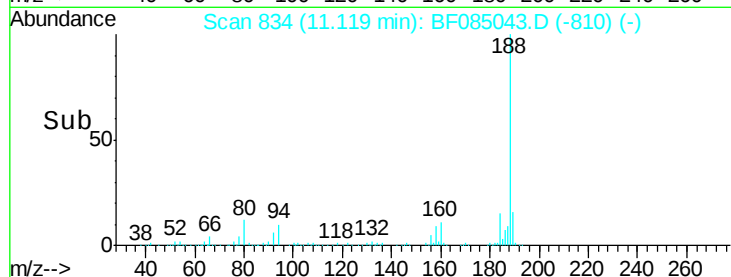
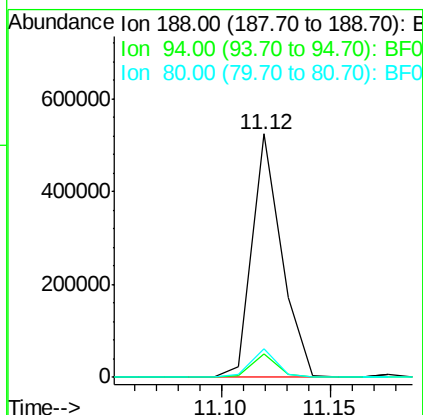
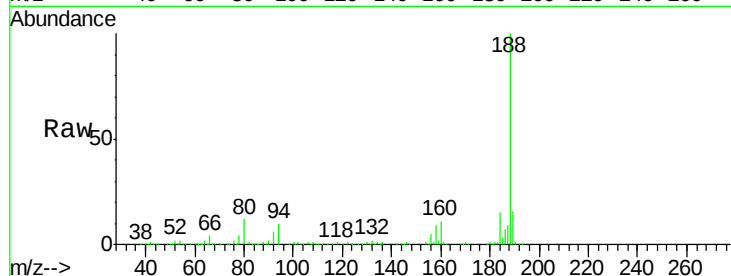




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085043.D
Acq: 12 Feb 2016 6:03

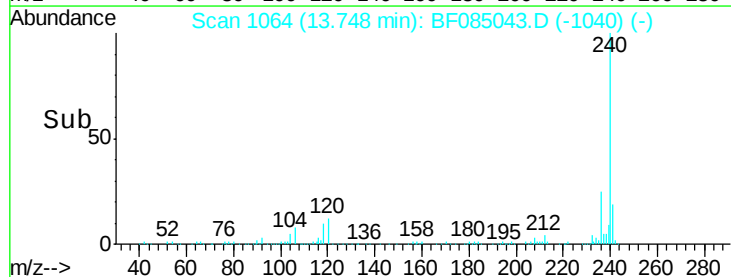
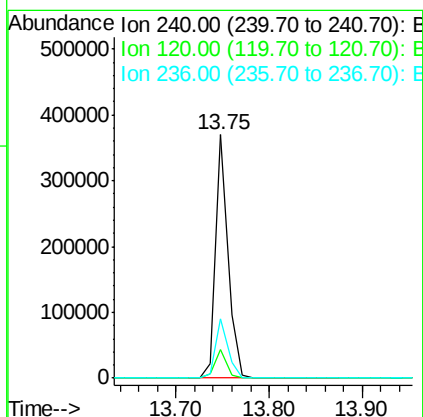
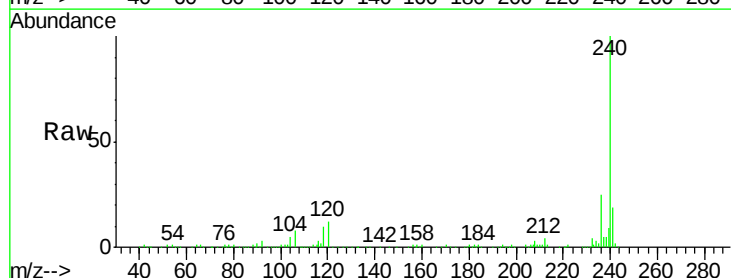
Instrument :
BNA_F
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S4-B001(15-17)

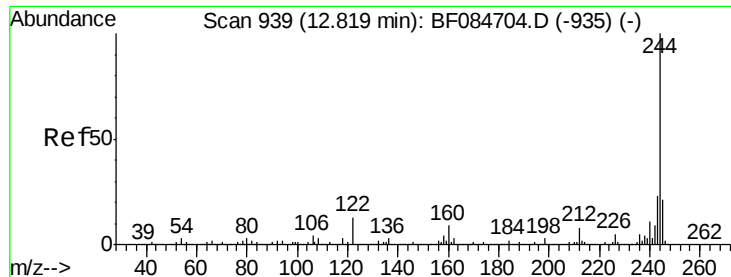
Tgt Ion:188 Resp: 496662
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.4
80 11.6 9.6 14.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085043.D
Acq: 12 Feb 2016 6:03

Tgt Ion:240 Resp: 341305
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 24.6 20.6 31.0





#78

Terphenyl-d14

Concen: 105.31 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

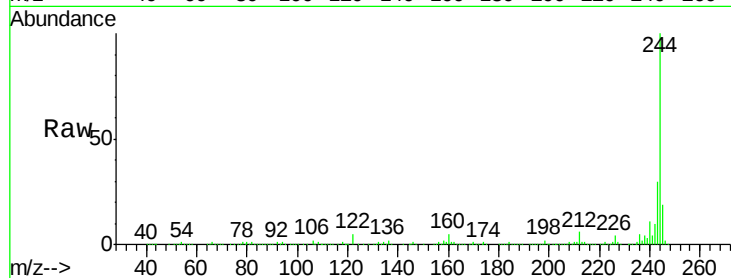
Tgt Ion:244 Resp: 1586117

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

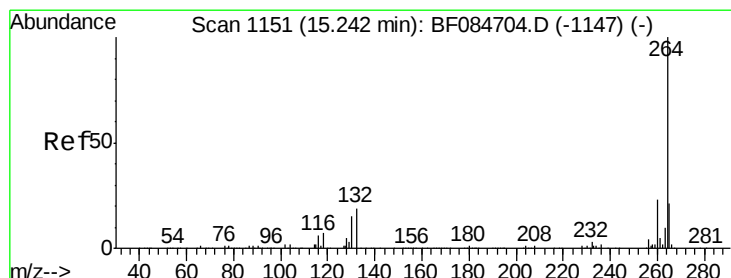
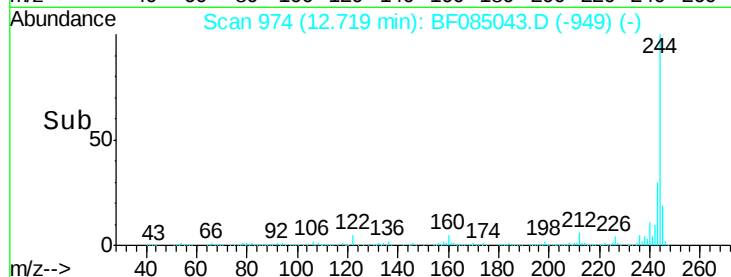
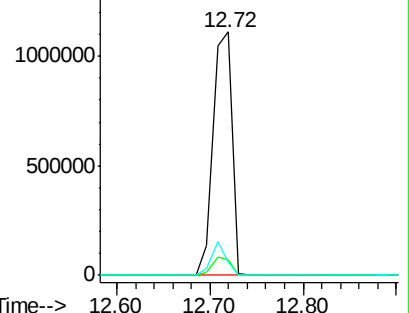
122 5.4 7.4 11.0#



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: 15.11 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

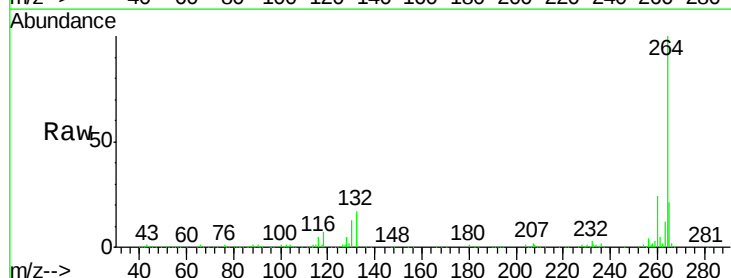
Tgt Ion:264 Resp: 300240

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 20.8 17.8 26.6



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

