

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084019.D
 Acq On : 23 Dec 2015 5:40
 Operator : UM/SJ
 Sample : G4916-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151217MGP216BRV90

Quant Time: Dec 23 06:47:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

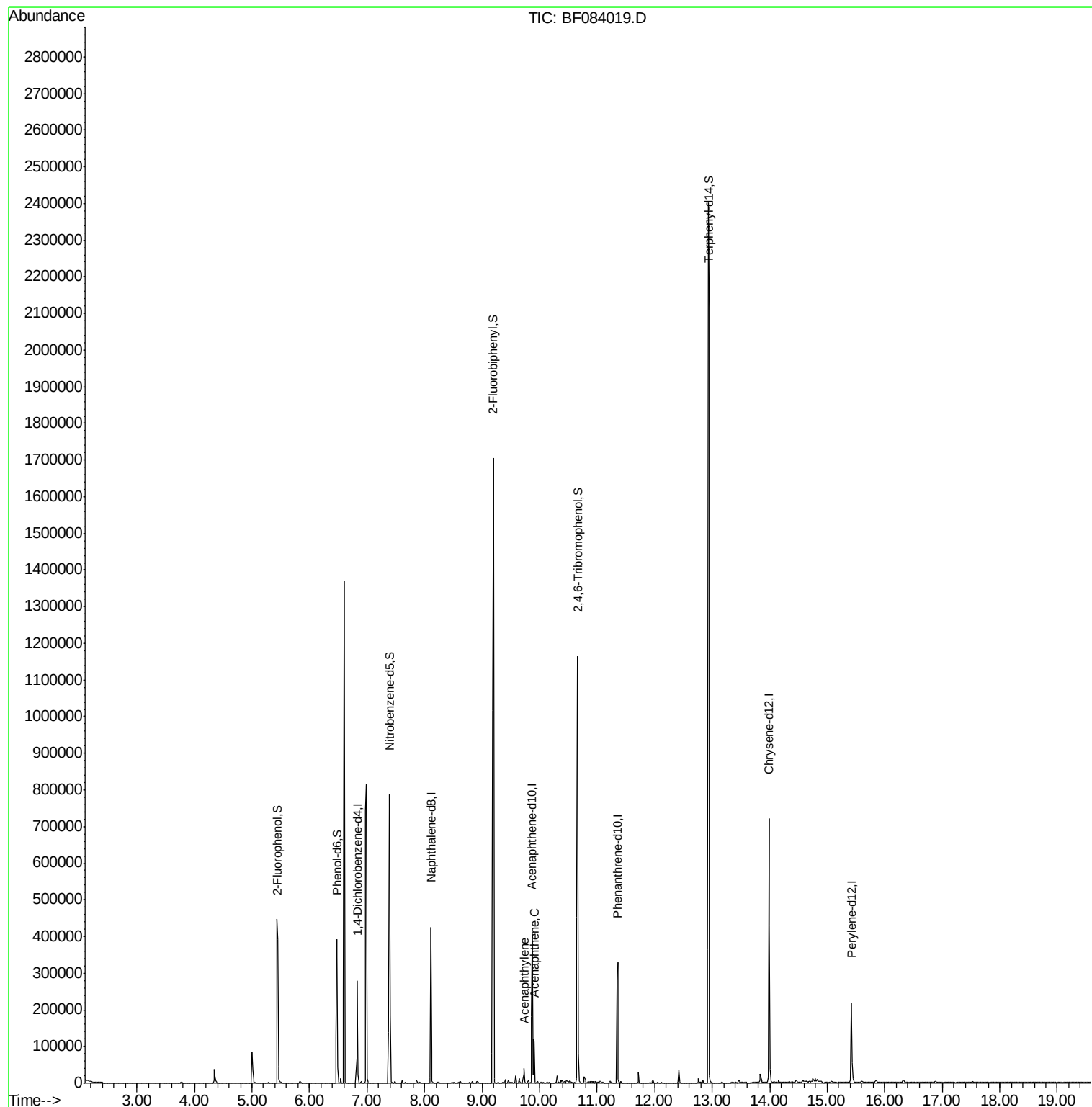
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44995	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	189122	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	90445	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	171067	20.00	ng	0.00
75) Chrysene-d12	13.99	240	303805	20.00	ng	-0.01
86) Perylene-d12	15.43	264	131568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	191436	72.54	ng	0.01
7) Phenol-d6	6.48	99	152151	49.04	ng	0.00
23) Nitrobenzene-d5	7.39	82	265704	86.31	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	140865	161.92	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	669003	99.55	ng	0.00
78) Terphenyl-d14	12.95	244	1127009	88.47	ng	0.01
Target Compounds						Qvalue
48) Acenaphthylene	9.73	152	23226	2.55	ng	98
51) Acenaphthene	9.90	154	42150	7.78	ng	96

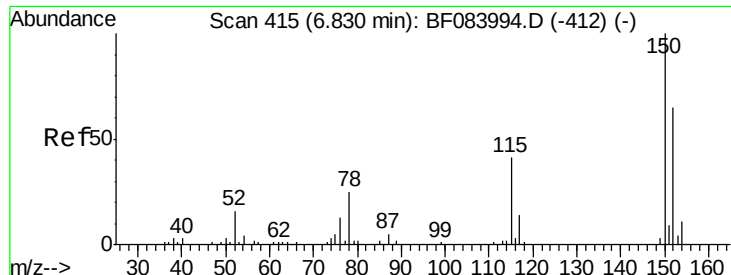
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 18:54:09 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084019.D

Acq: 23 Dec 2015 5:40

Instrument :

BNA_F

ClientSampleId :

20151217MGP216BRV90

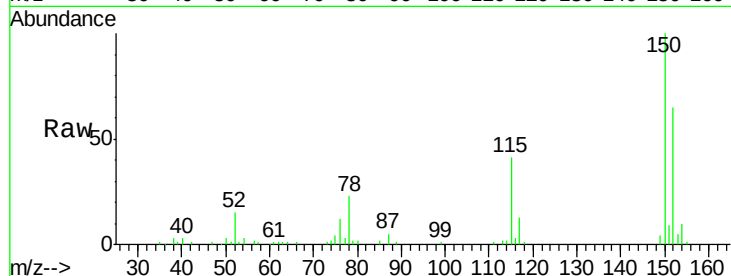
Tot Ion:152 Resp: 44995

Ion Ratio Lower Upper

152 100

150 154.4 123.0 184.4

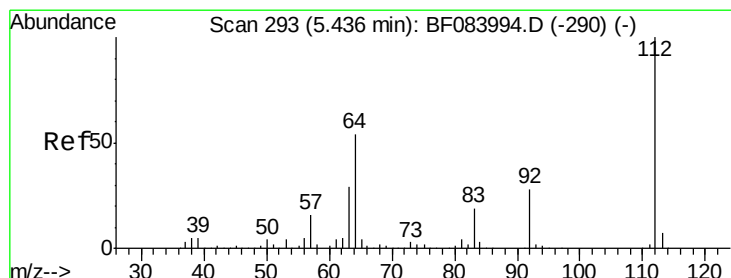
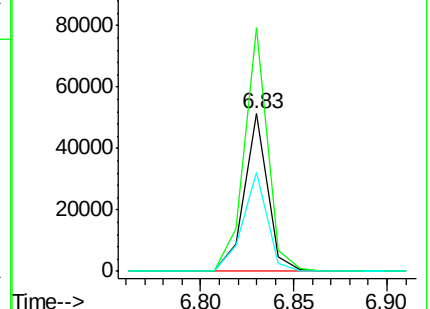
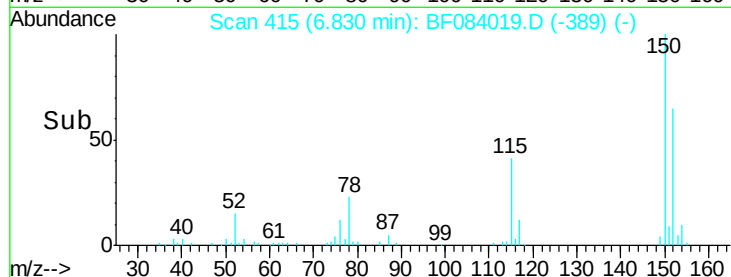
115 62.8 51.4 77.2



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: 72.54 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084019.D

Acq: 23 Dec 2015 5:40

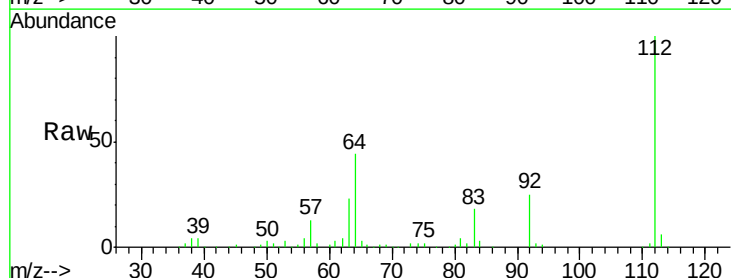
Tgt Ion:112 Resp: 191436

Ion Ratio Lower Upper

112 100

64 44.0 36.6 55.0

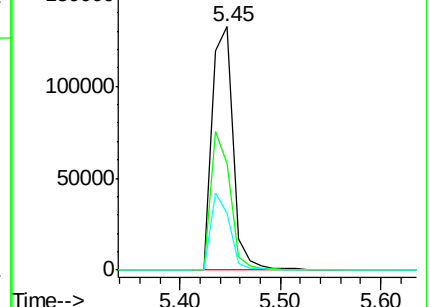
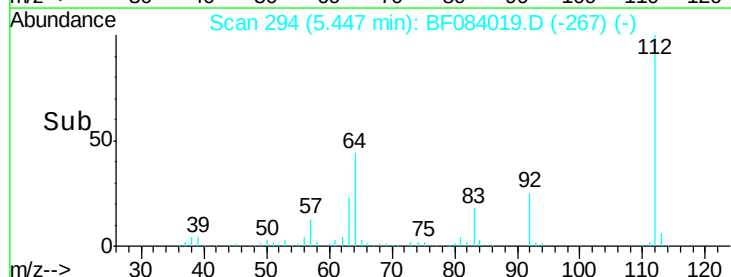
63 23.5 19.4 29.0

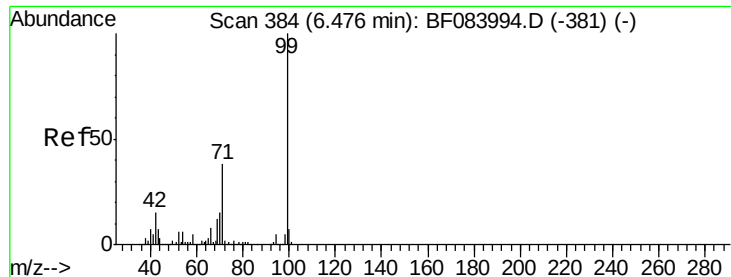


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.04 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084019.D

Acq: 23 Dec 2015 5:40

Instrument :

BNA_F

ClientSampleId :

20151217MGP216BRV90

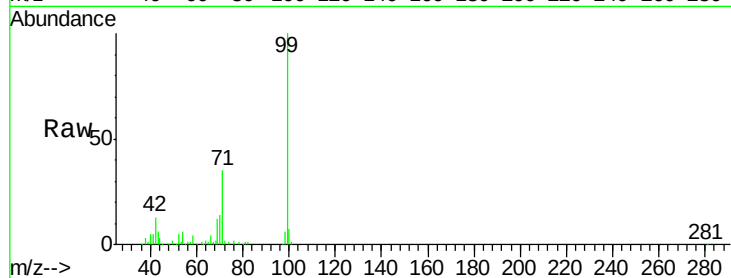
Tot Ion: 99 Resp: 152151

Ion Ratio Lower Upper

99 100

42 12.9 12.8 19.2

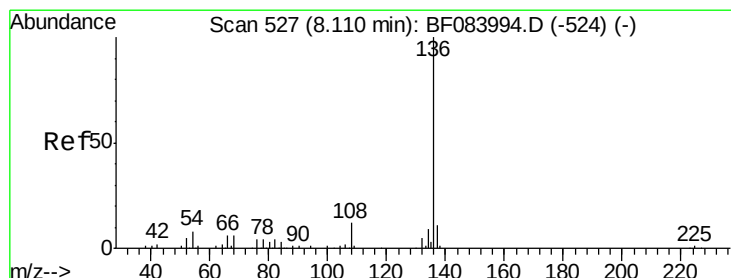
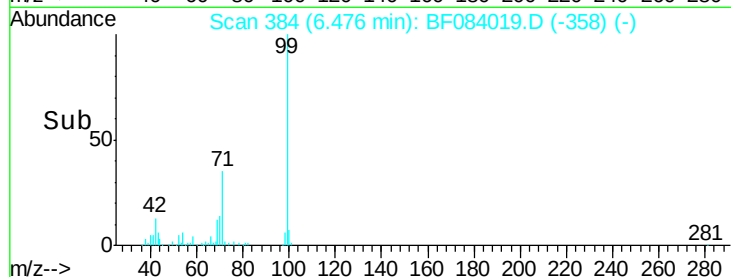
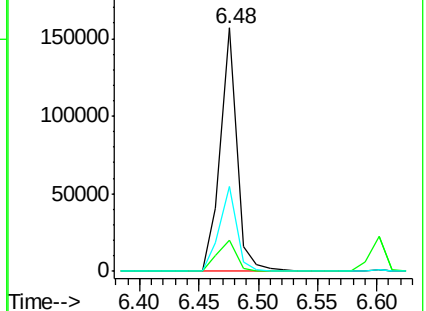
71 34.8 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084019.D

Acq: 23 Dec 2015 5:40

Tgt Ion: 136 Resp: 189122

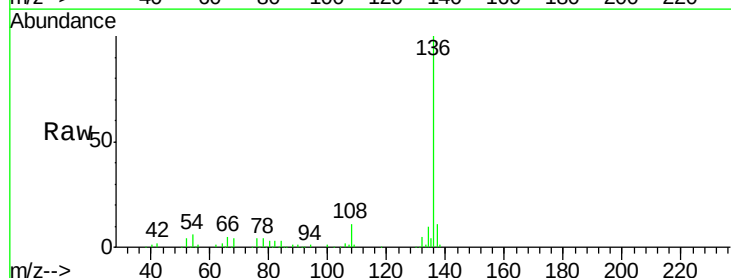
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.1 5.8 8.8

68 4.4 4.2 6.2

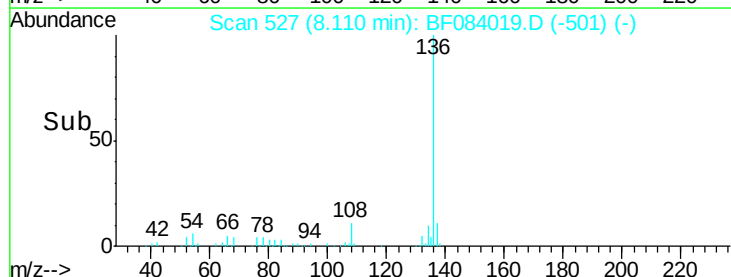
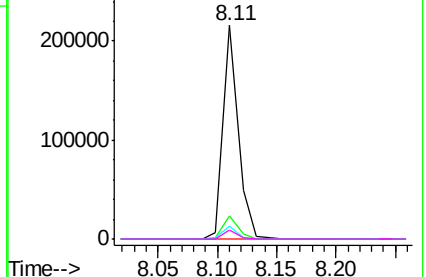


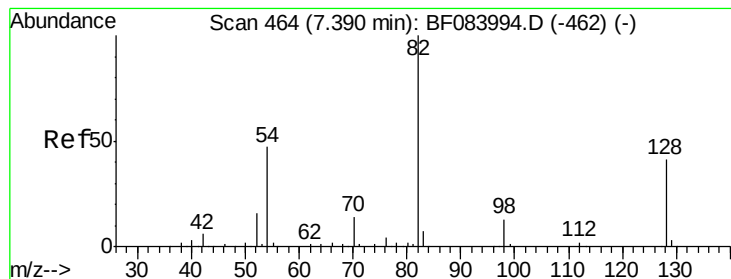
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.31 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084019.D

Acq: 23 Dec 2015 5:40

Instrument :

BNA_F

ClientSampleId :

20151217MGP216BRV90

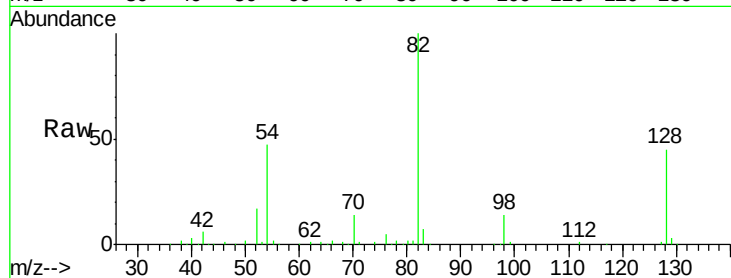
Tot Ion: 82 Resp: 265704

Ion Ratio Lower Upper

82 100

128 44.8 34.6 51.8

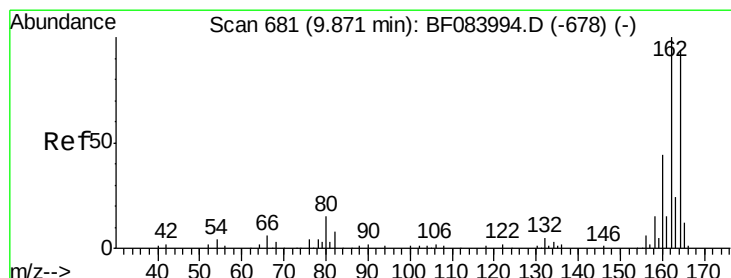
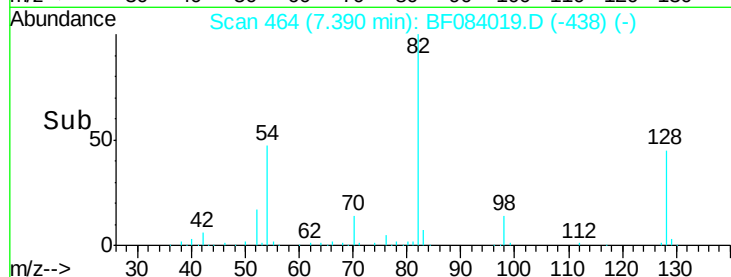
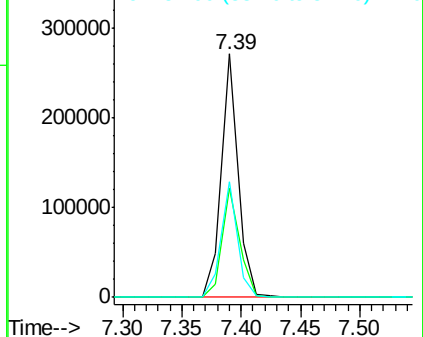
54 47.4 38.4 57.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084019.D

Acq: 23 Dec 2015 5:40

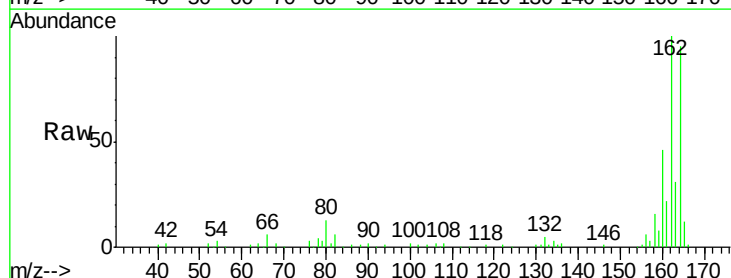
Tgt Ion:164 Resp: 90445

Ion Ratio Lower Upper

164 100

162 105.7 85.1 127.7

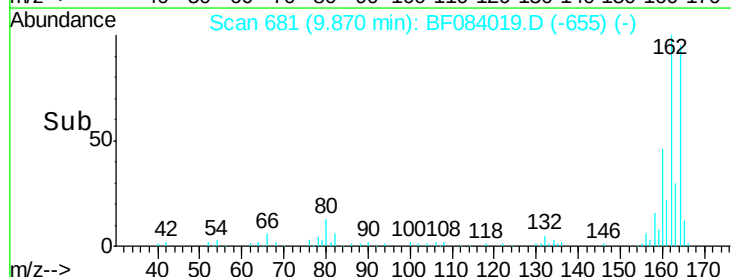
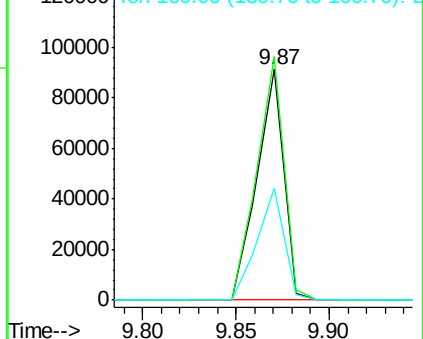
160 48.7 37.5 56.3

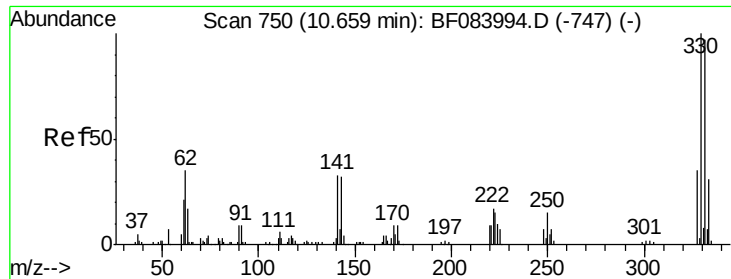


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

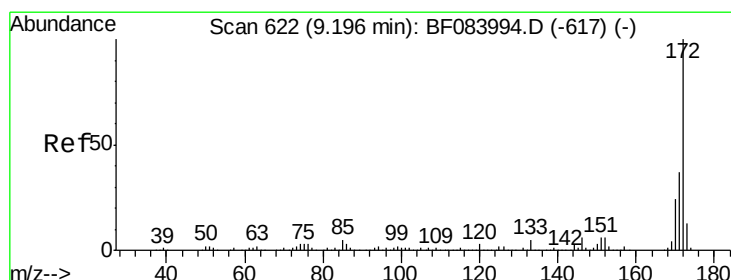
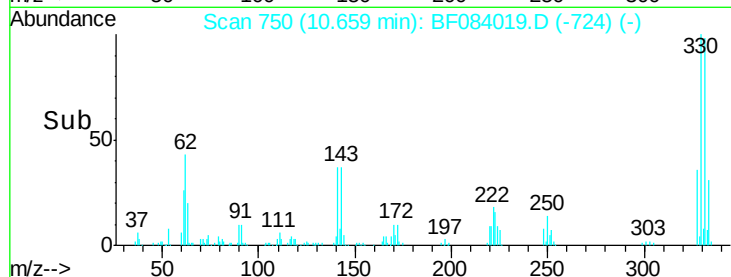
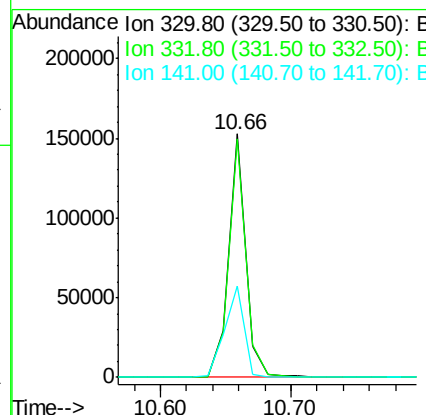
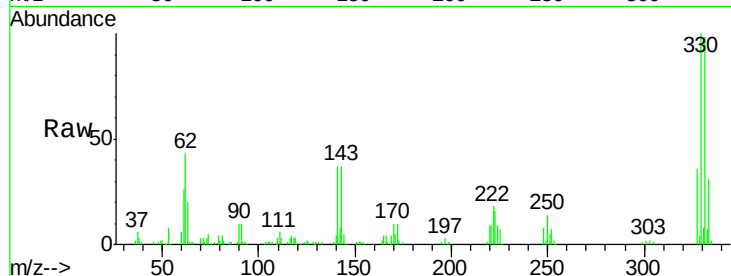




#41
 2,4,6-Tribromophenol
 Concen: 161.92 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084019.D
 Acq: 23 Dec 2015 5:40

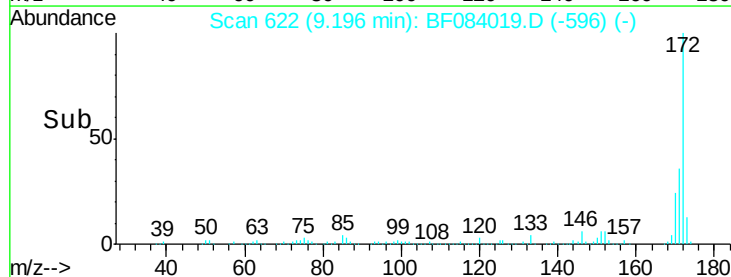
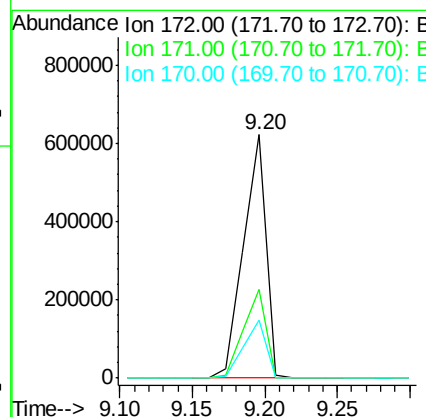
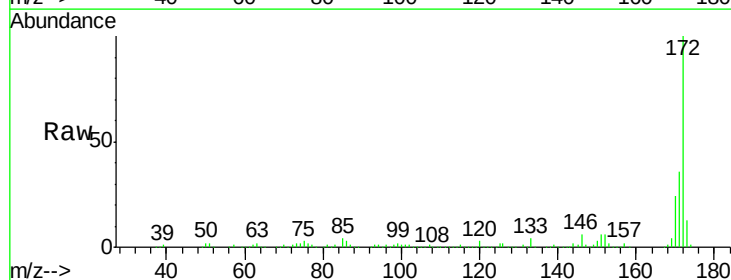
Instrument :
 BNA_F
 ClientSampleId :
 20151217MGP216BRV90

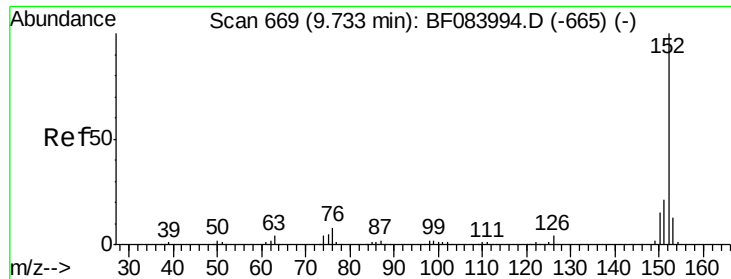
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	114.8
141	43.1	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 99.55 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084019.D
 Acq: 23 Dec 2015 5:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.0	18.6	27.8





#48

Acenaphthylene

Concen: 2.55 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF084019.D

Acq: 23 Dec 2015 5:40

Instrument :

BNA_F

ClientSampleId :

20151217MGP216BRV90

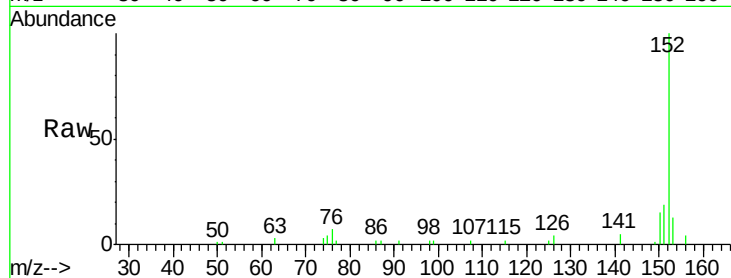
Tot Ion:152 Resp: 23226

Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5

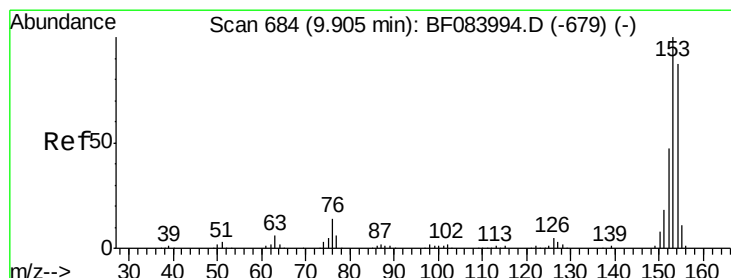
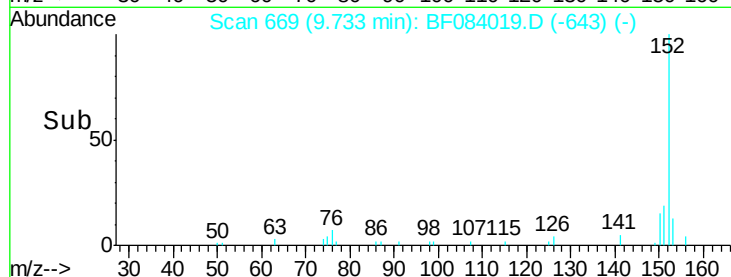
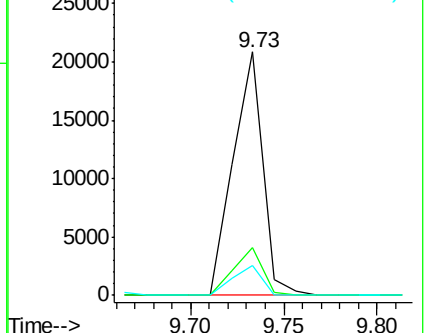
153 12.5 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

Acenaphthene

Concen: 7.78 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF084019.D

Acq: 23 Dec 2015 5:40

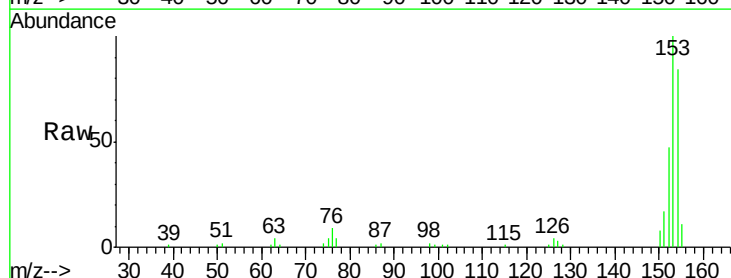
Tgt Ion:154 Resp: 42150

Ion Ratio Lower Upper

154 100

153 118.4 91.5 137.3

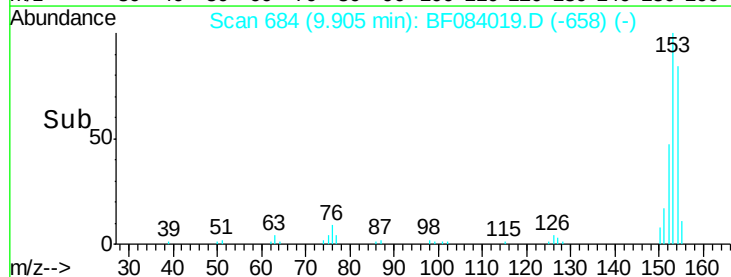
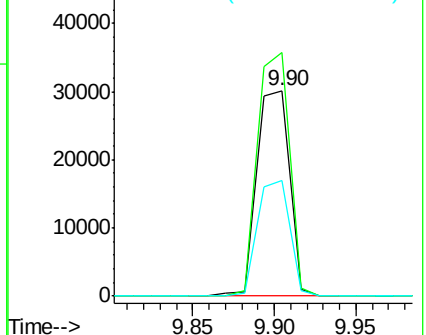
152 56.1 43.0 64.6

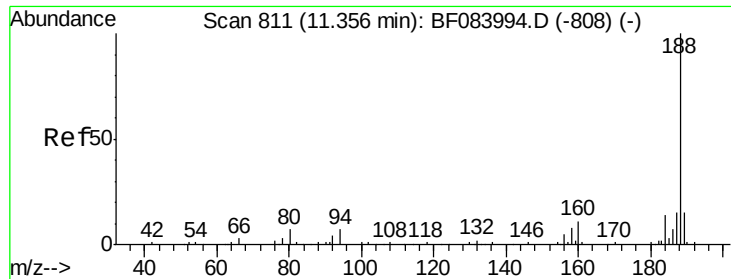


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

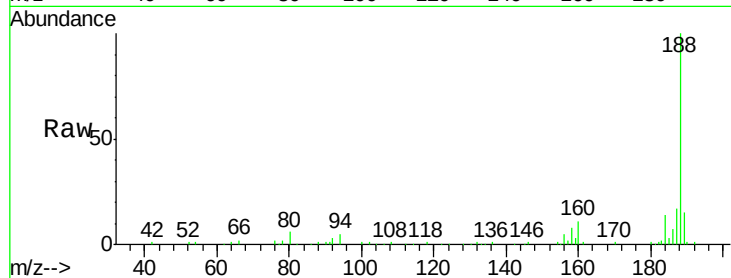




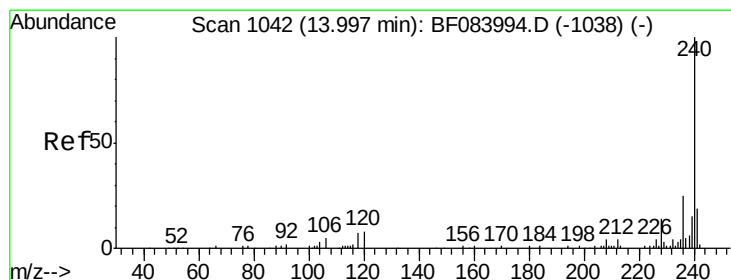
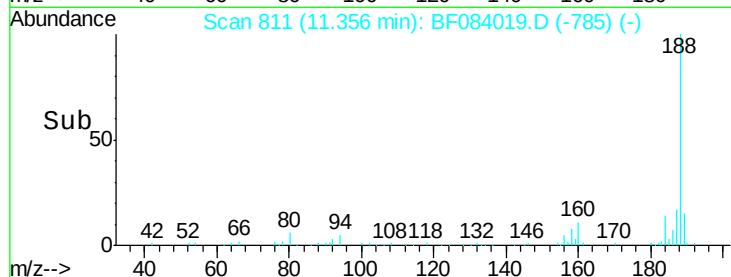
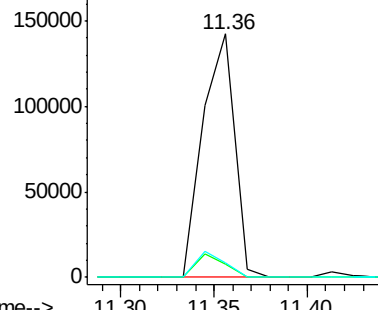
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tot Ion:188 Resp: 171067
Ion Ratio Lower Upper
188 100
94 5.3 9.0 13.4#
80 5.7 9.6 14.4#

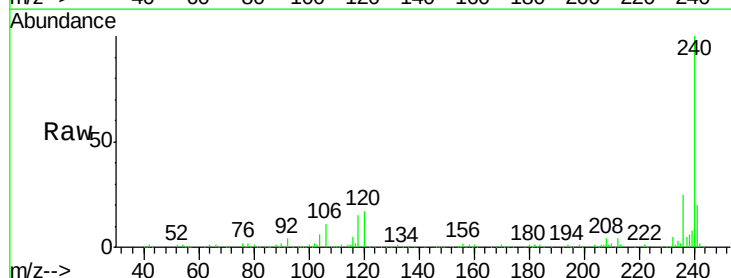


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

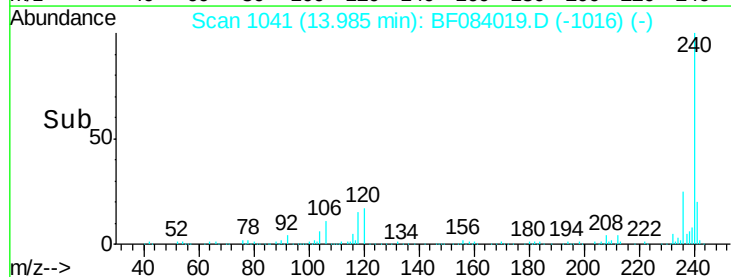
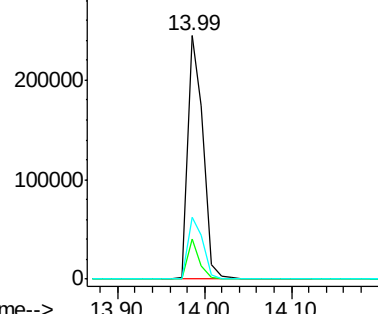


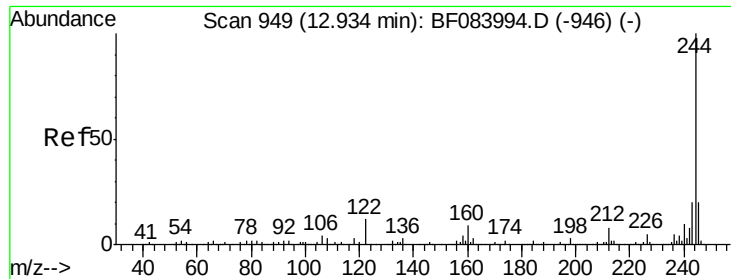
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Tgt Ion:240 Resp: 303805
Ion Ratio Lower Upper
240 100
120 16.6 9.5 14.3#
236 25.5 20.6 31.0



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: 88.47 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF084019.D

Acq: 23 Dec 2015 5:40

Instrument :

BNA_F

ClientSampleId :

20151217MGP216BRV90

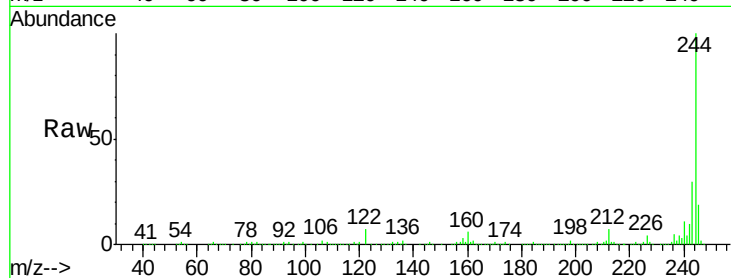
Tot Ion:244 Resp: 1127009

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

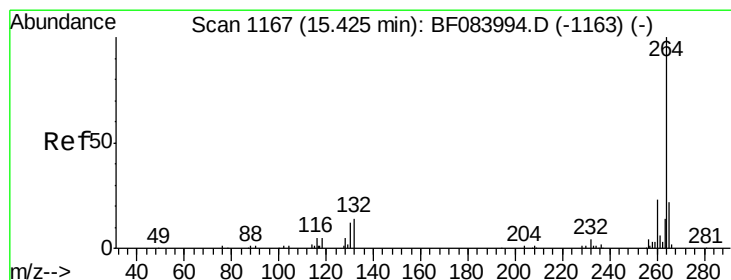
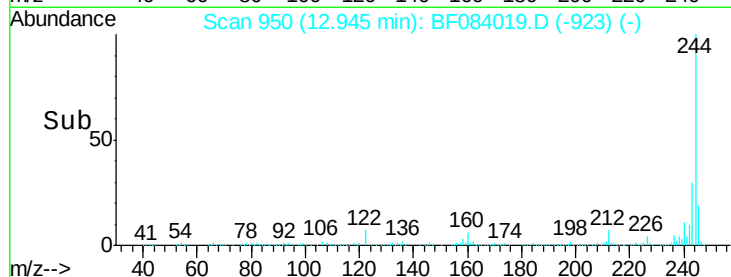
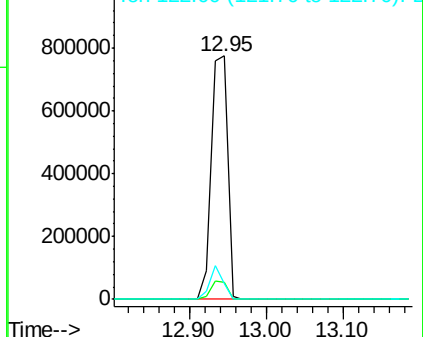
122 6.6 7.4 11.0#



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: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF084019.D

Acq: 23 Dec 2015 5:40

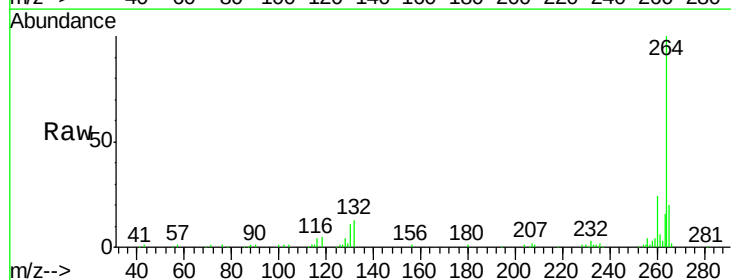
Tgt Ion:264 Resp: 131568

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 20.4 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

