

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081656.D
 Acq On : 16 Sep 2015 19:14
 Operator : UM/IZ
 Sample : G3654-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP204(28-30)

Quant Time: Sep 17 03:38:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

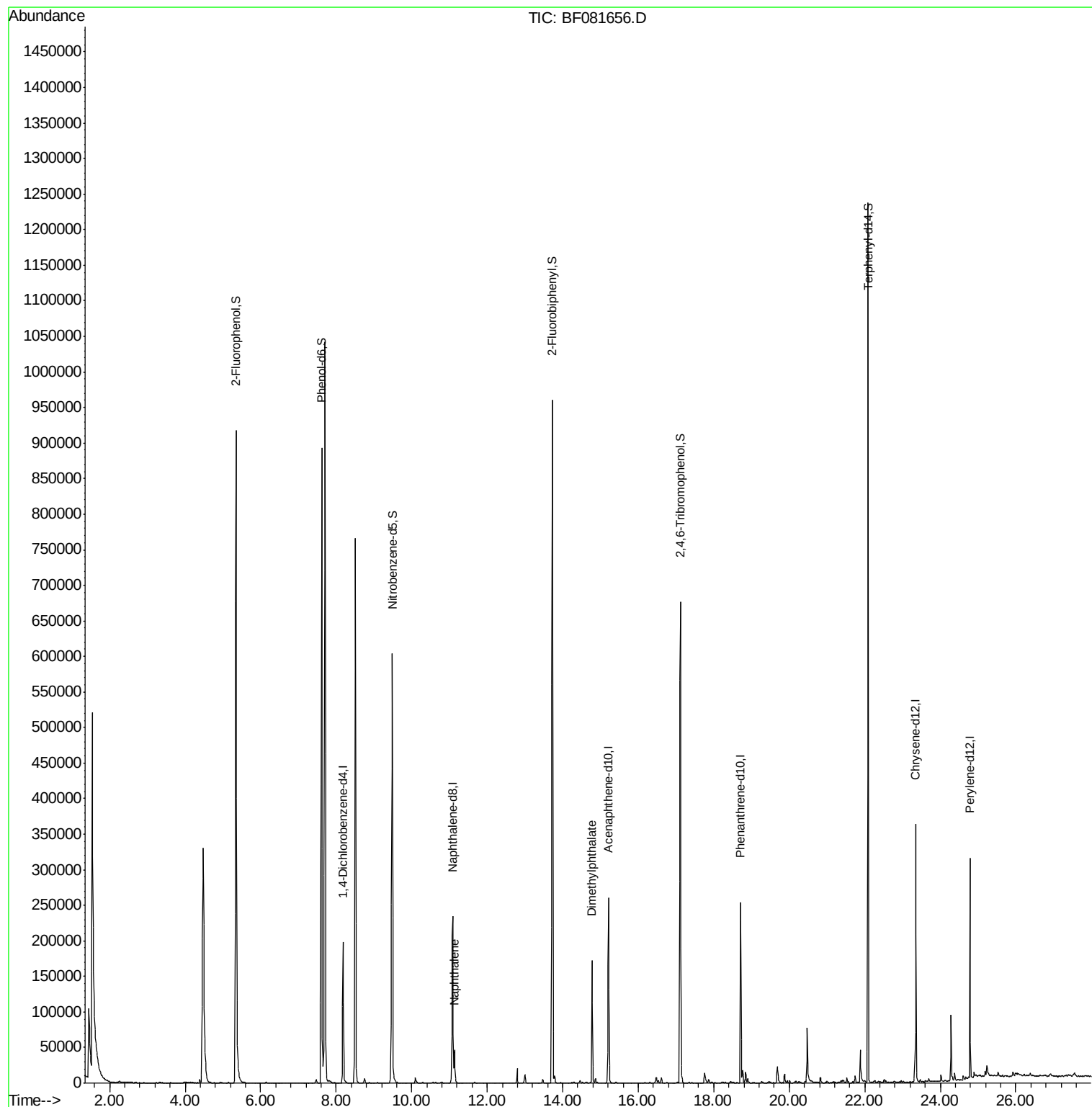
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	48007	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	193063	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	93298	20.00	ng	-0.05
63) Phenanthrene-d10	18.71	188	189437	20.00	ng	-0.05
75) Chrysene-d12	23.35	240	155891	20.00	ng	-0.03
86) Perylene-d12	24.79	264	115146	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	416984	134.76	ng	0.00
7) Phenol-d6	7.61	99	578972	141.36	ng	-0.03
23) Nitrobenzene-d5	9.49	82	375472	93.83	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	124148	149.44	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	607883	83.50	ng	-0.05
78) Terphenyl-d14	22.08	244	568354	84.87	ng	-0.03
Target Compounds						
31) Naphthalene	11.13	128	39972	3.88	ng	Qvalue 99
49) Dimethylphthalate	14.78	163	119194	16.44	ng	# 97

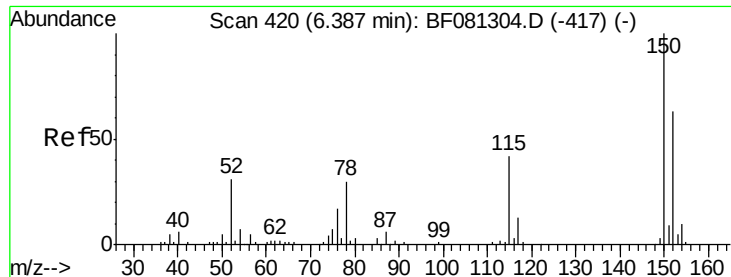
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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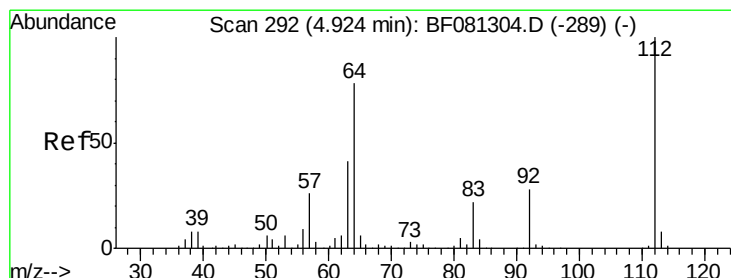
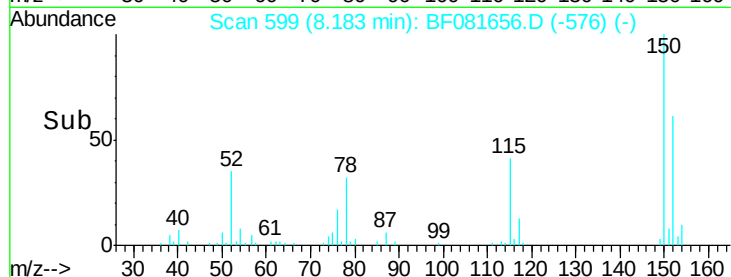
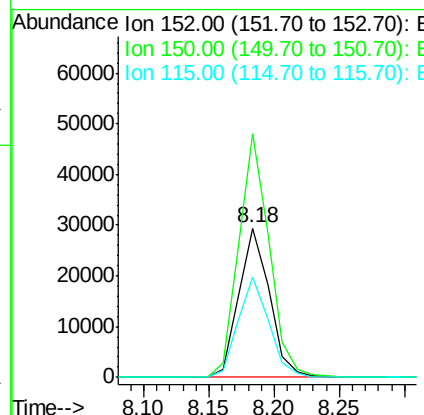
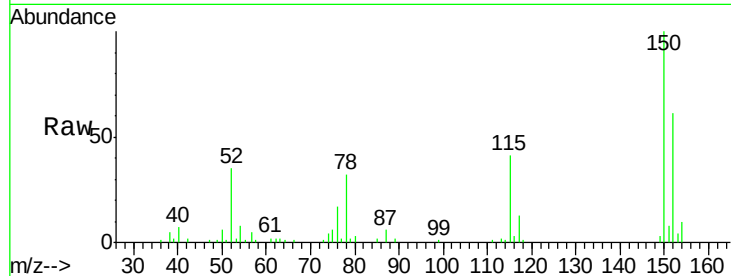


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.18 min Scan# 599
 Delta R.T. -0.03 min
 Lab File: BF081656.D
 Acq: 16 Sep 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 MGP204(28-30)

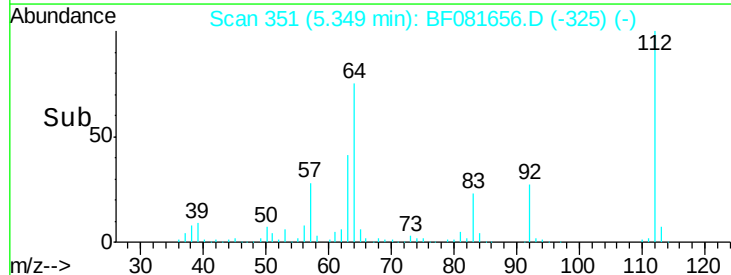
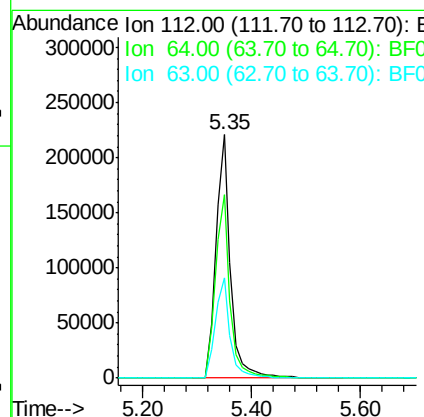
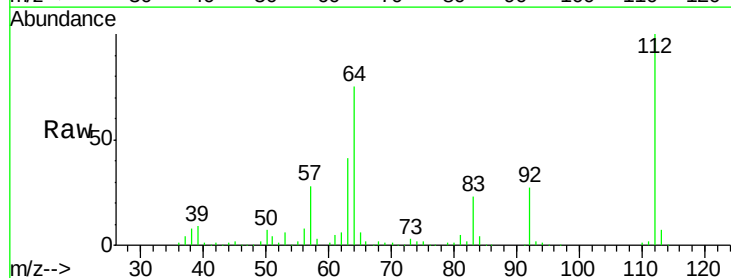
Tgt Ion:152 Resp: 48007
 Ion Ratio Lower Upper
 152 100
 150 162.8 124.7 187.1
 115 66.7 39.0 58.4#

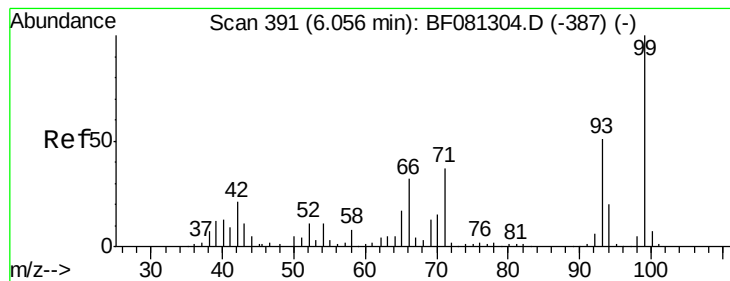


#5

2-Fluorophenol
 Concen: 134.76 ng
 RT: 5.35 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: BF081656.D
 Acq: 16 Sep 2015 19:14

Tgt Ion:112 Resp: 416984
 Ion Ratio Lower Upper
 112 100
 64 75.3 39.7 59.5#
 63 41.3 17.4 26.0#





#7

Phenol-d6

Concen: 141.36 ng

RT: 7.61 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF081656.D

Acq: 16 Sep 2015 19:14

Instrument :

BNA_F

ClientSampleId :

MGP204(28-30)

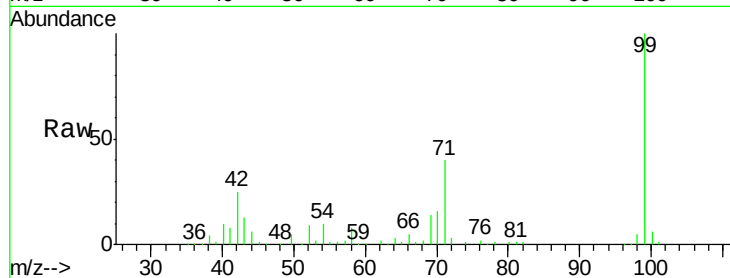
Tgt Ion: 99 Resp: 578972

Ion Ratio Lower Upper

99 100

42 25.3 13.7 20.5#

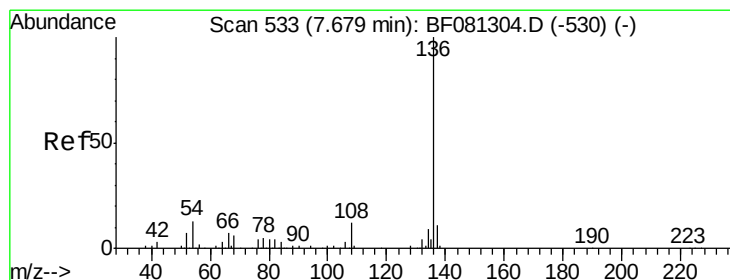
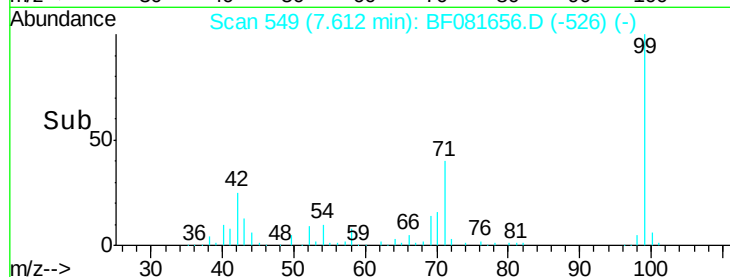
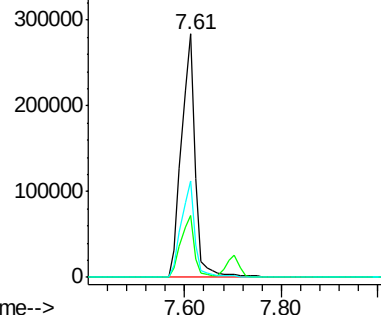
71 39.7 14.2 21.2#



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: 11.09 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF081656.D

Acq: 16 Sep 2015 19:14

Tgt Ion: 136 Resp: 193063

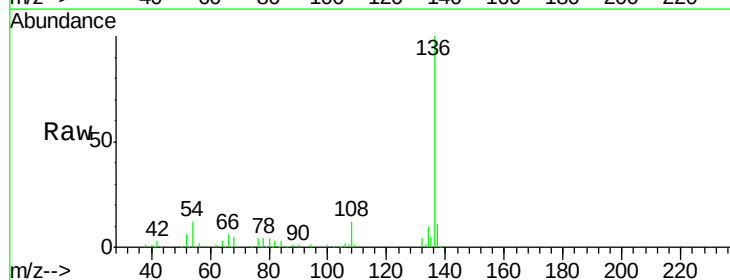
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 11.6 8.2 12.2

68 4.7 5.8 8.6#

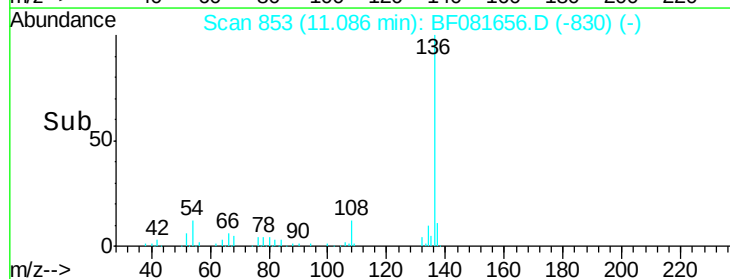
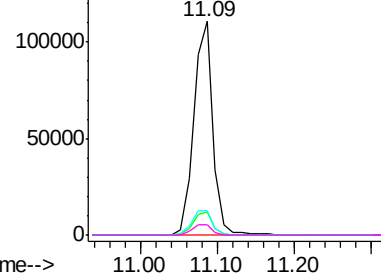


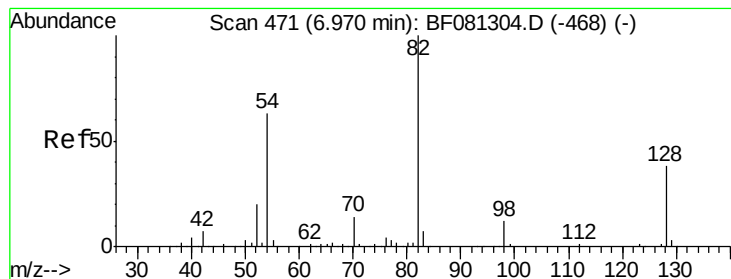
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.83 ng

RT: 9.49 min Scan# 713

Delta R.T. -0.05 min

Lab File: BF081656.D

Acq: 16 Sep 2015 19:14

Instrument :

BNA_F

ClientSampleId :

MGP204(28-30)

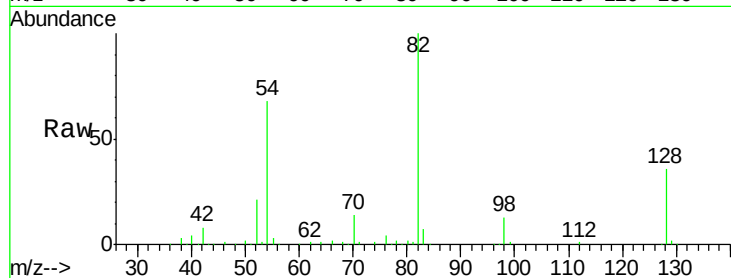
Tgt Ion: 82 Resp: 375472

Ion Ratio Lower Upper

82 100

128 36.3 51.0 76.6#

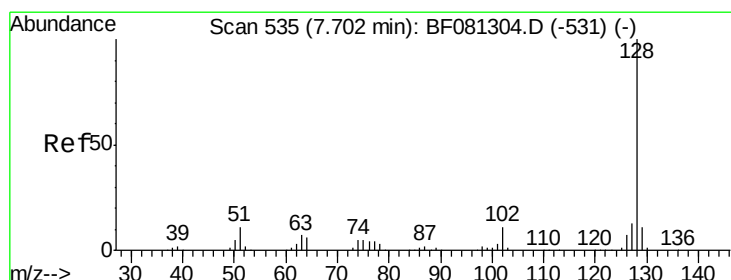
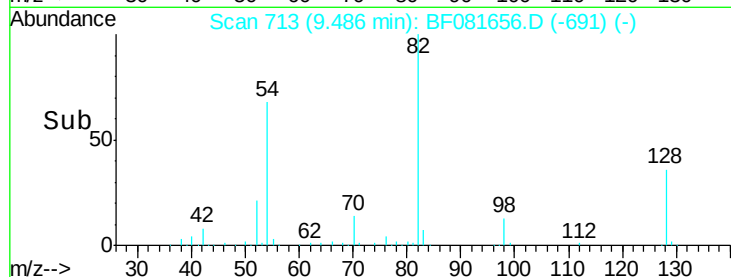
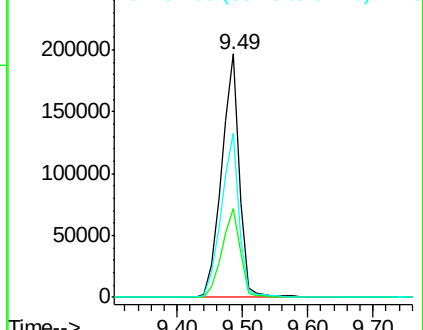
54 67.5 47.5 71.3



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: 3.88 ng

RT: 11.13 min Scan# 857

Delta R.T. -0.03 min

Lab File: BF081656.D

Acq: 16 Sep 2015 19:14

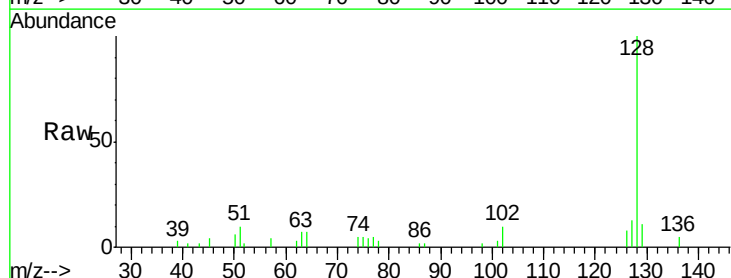
Tgt Ion: 128 Resp: 39972

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

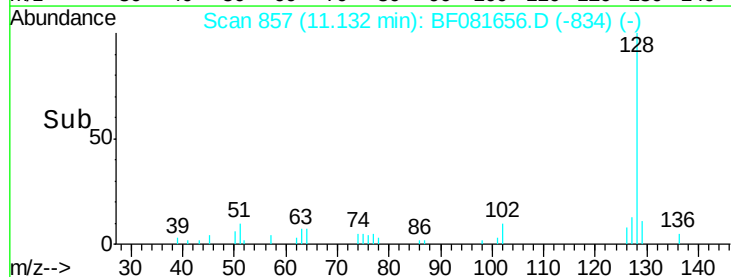
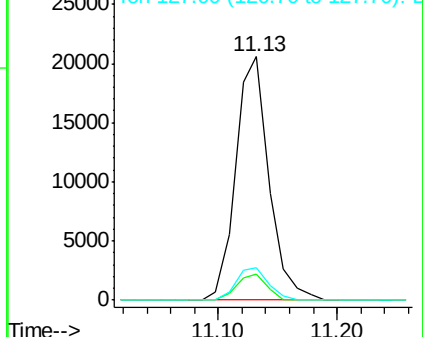
127 13.1 9.9 14.9

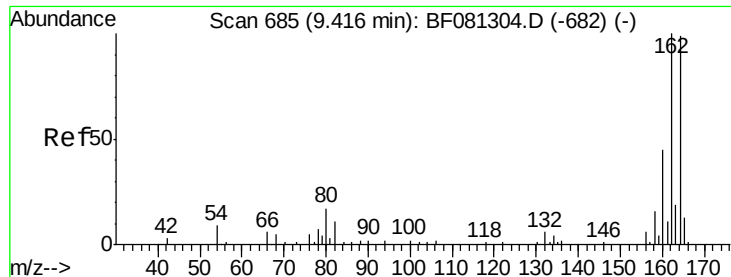


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.21 min Scan# 1214

Delta R.T. -0.05 min

Lab File: BF081656.D

Acq: 16 Sep 2015 19:14

Instrument :

BNA_F

ClientSampleId :

MGP204(28-30)

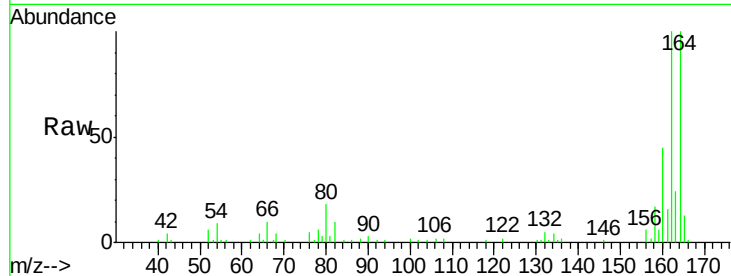
Tgt Ion:164 Resp: 93298

Ion Ratio Lower Upper

164 100

162 100.3 75.2 112.8

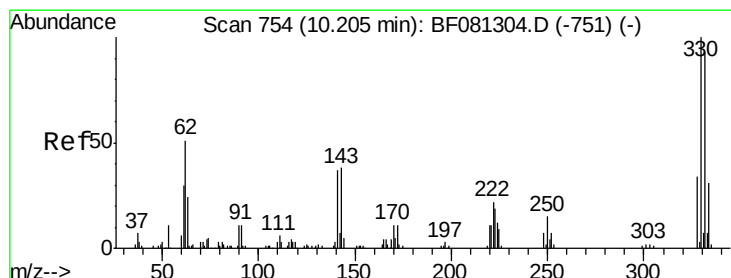
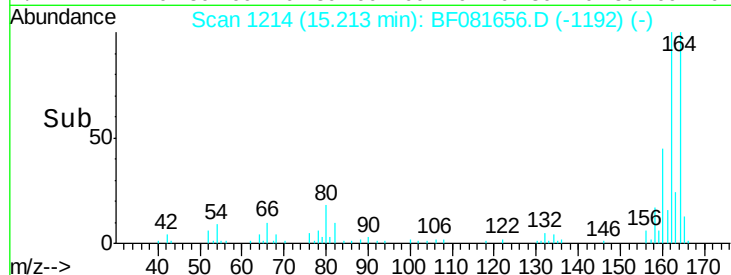
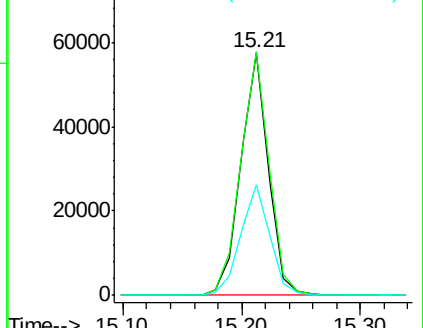
160 45.4 31.5 47.3



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: 149.44 ng

RT: 17.12 min Scan# 1381

Delta R.T. -0.05 min

Lab File: BF081656.D

Acq: 16 Sep 2015 19:14

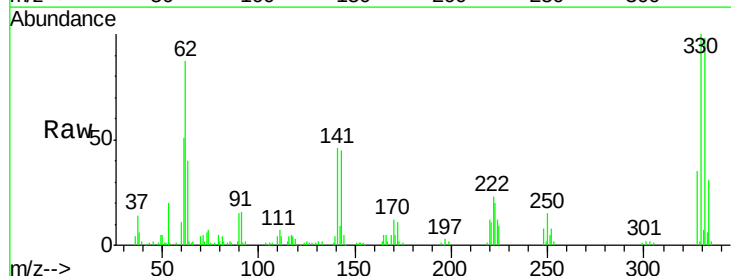
Tgt Ion:330 Resp: 124148

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

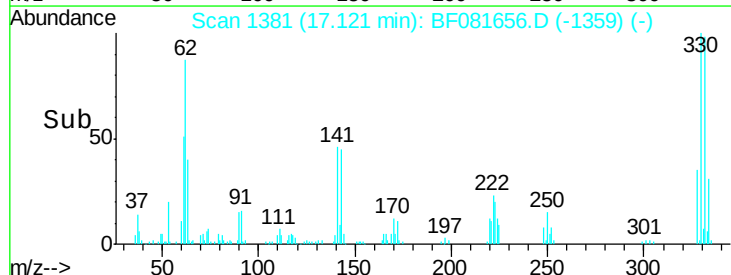
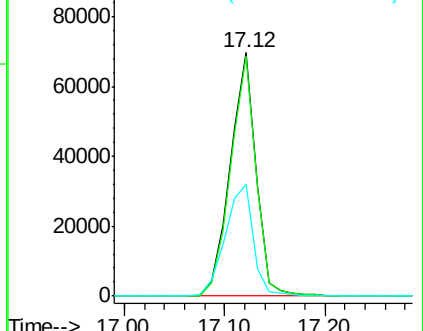
141 49.4 29.7 44.5#

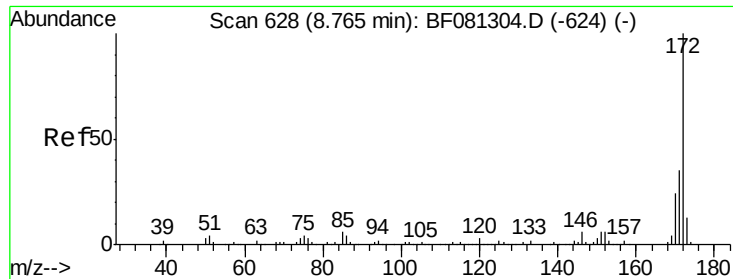


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

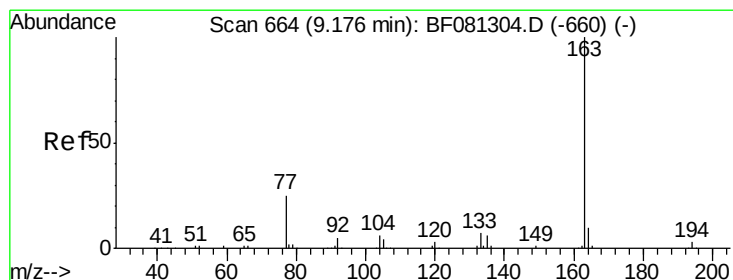
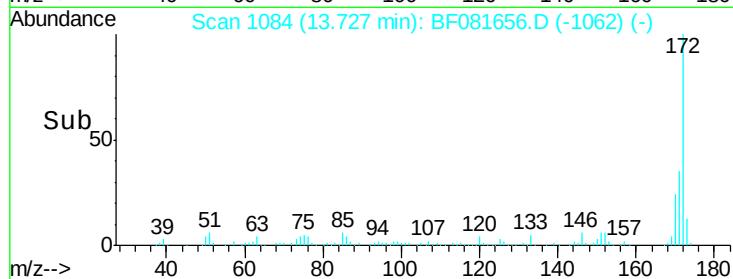
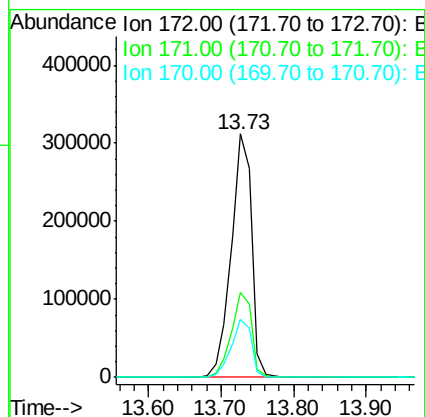
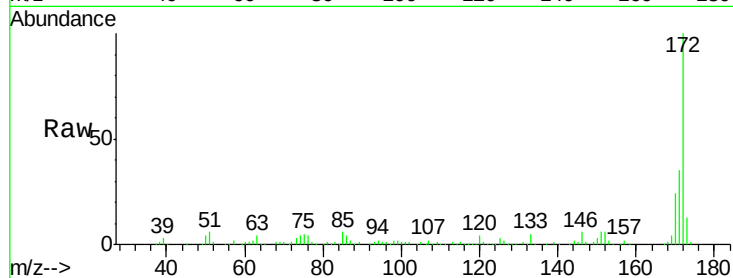




#44
 2-Fluorobiphenyl
 Concen: 83.50 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081656.D
 Acq: 16 Sep 2015 19:14

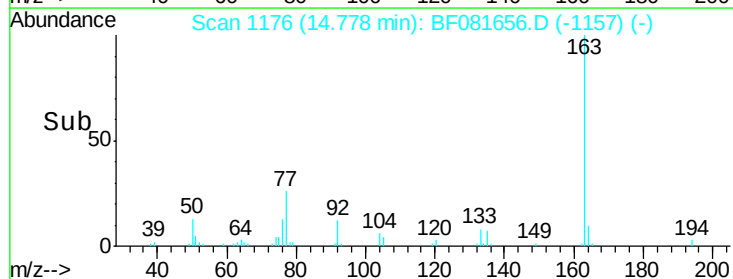
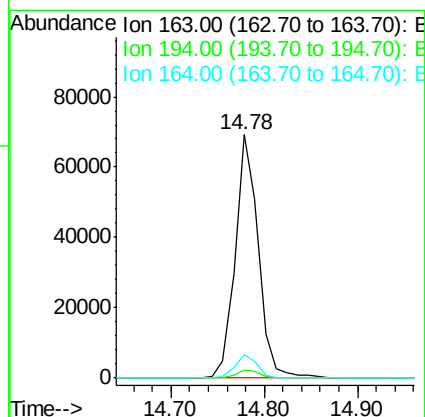
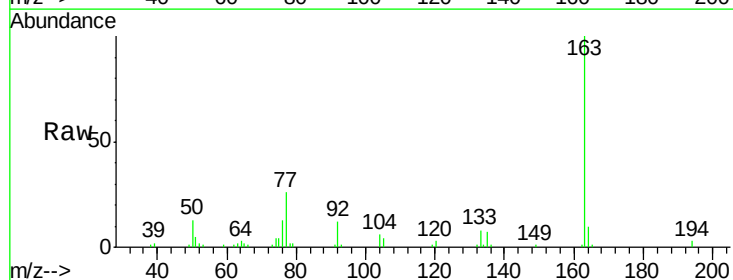
Instrument :
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 MGP204(28-30)

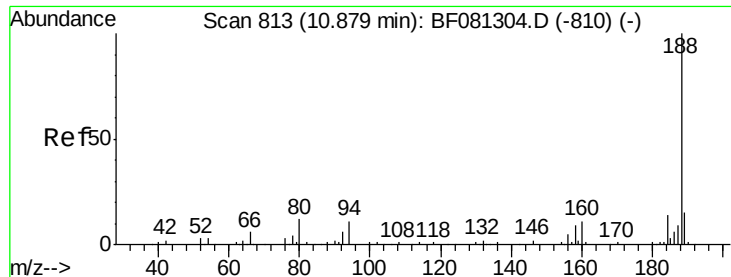
Tgt Ion:172 Resp: 607883
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.1 39.1
 170 23.8 17.4 26.2



#49
 Dimethylphthalate
 Concen: 16.44 ng
 RT: 14.78 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF081656.D
 Acq: 16 Sep 2015 19:14

Tgt Ion:163 Resp: 119194
 Ion Ratio Lower Upper
 163 100
 194 3.2 4.4 6.6#
 164 9.9 8.3 12.5

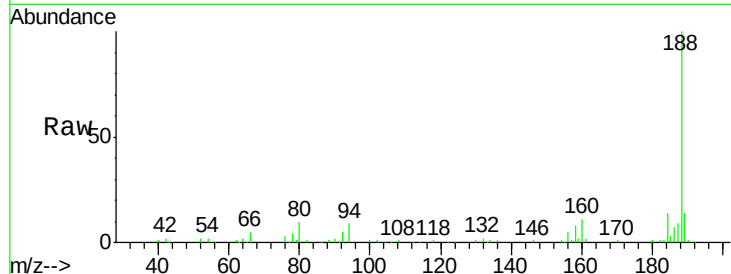




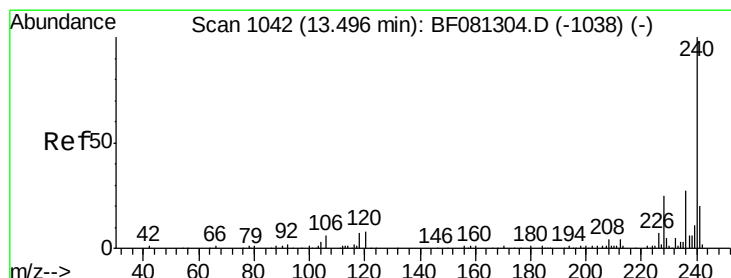
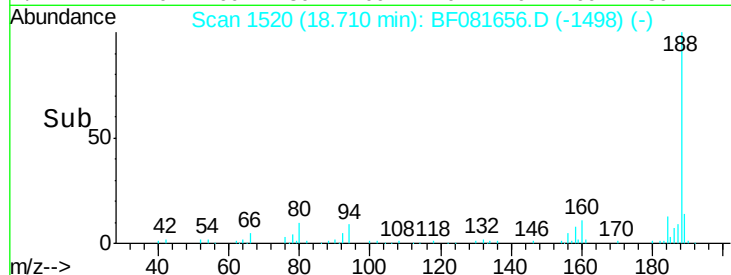
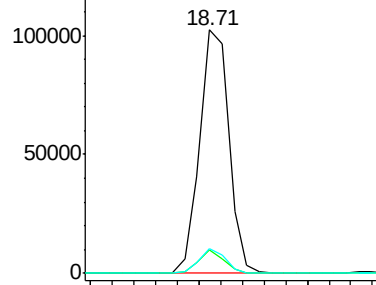
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.71 min Scan# 1520
Delta R.T. -0.05 min
Lab File: BF081656.D
Acq: 16 Sep 2015 19:14

Instrument :
BNA_F
ClientSampleId :
MGP204(28-30)

Tgt Ion:188 Resp: 189437
Ion Ratio Lower Upper
188 100
94 9.5 11.1 16.7#
80 10.2 11.0 16.4#

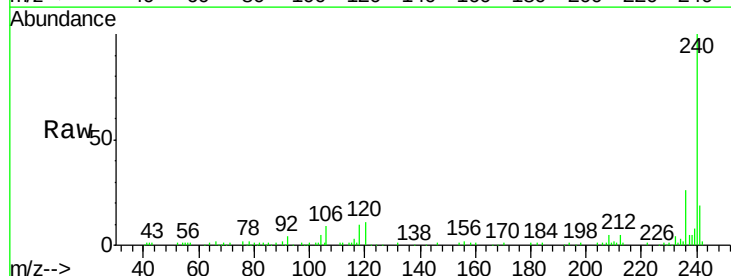


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

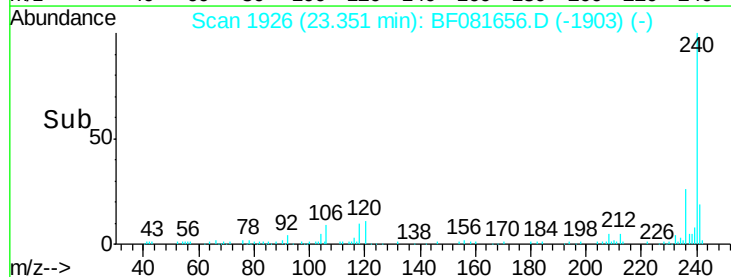
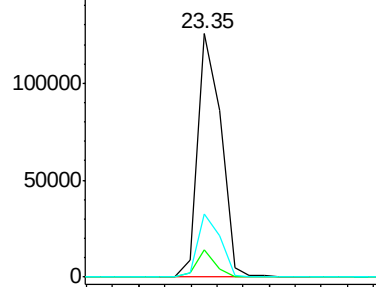


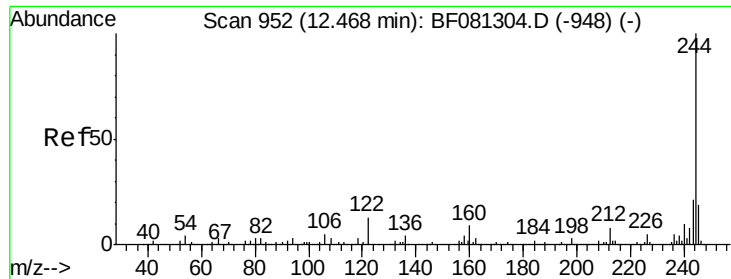
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1926
Delta R.T. -0.03 min
Lab File: BF081656.D
Acq: 16 Sep 2015 19:14

Tgt Ion:240 Resp: 155891
Ion Ratio Lower Upper
240 100
120 11.2 16.2 24.2#
236 26.1 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: 84.87 ng

RT: 22.08 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF081656.D

Acq: 16 Sep 2015 19:14

Instrument :

BNA_F

ClientSampleId :

MGP204(28-30)

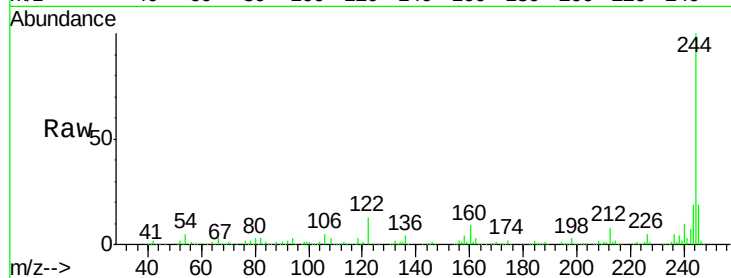
Tgt Ion:244 Resp: 568354

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

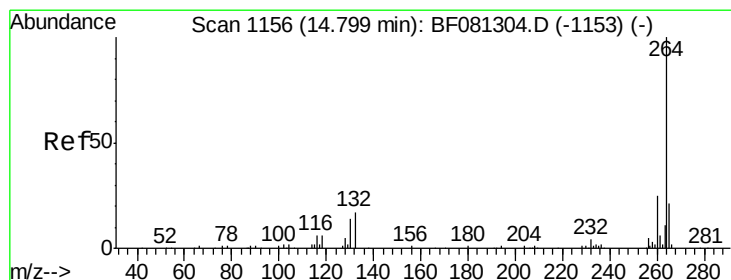
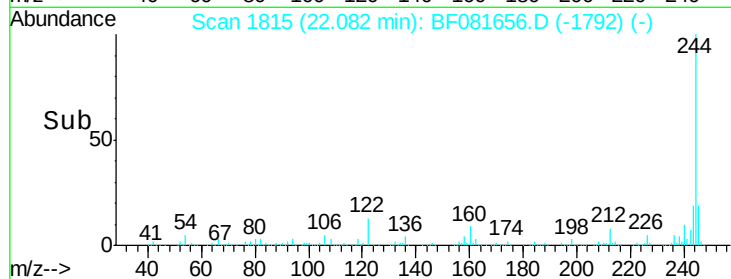
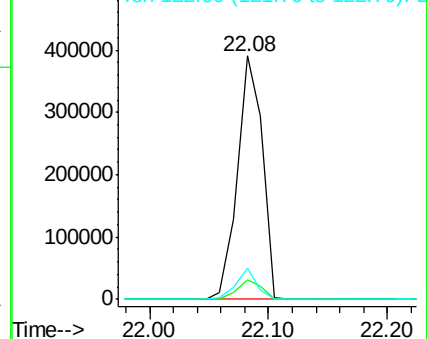
122 12.6 17.4 26.2#



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: 24.79 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BF081656.D

Acq: 16 Sep 2015 19:14

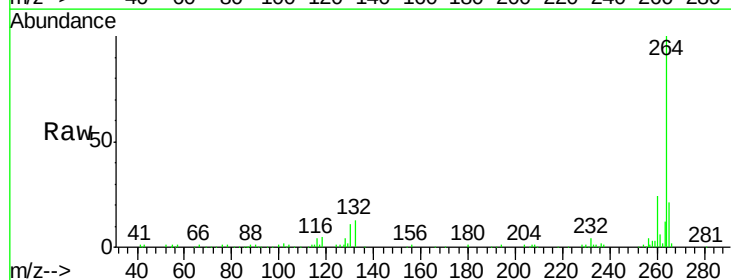
Tgt Ion:264 Resp: 115146

Ion Ratio Lower Upper

264 100

260 24.1 16.7 25.1

265 21.0 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

