

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081787.D
 Acq On : 25 Sep 2015 4:37
 Operator : UM/IZ
 Sample : G3708-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-36-38

Quant Time: Sep 25 07:18:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 07:13:40 2015
 Response via : Initial Calibration

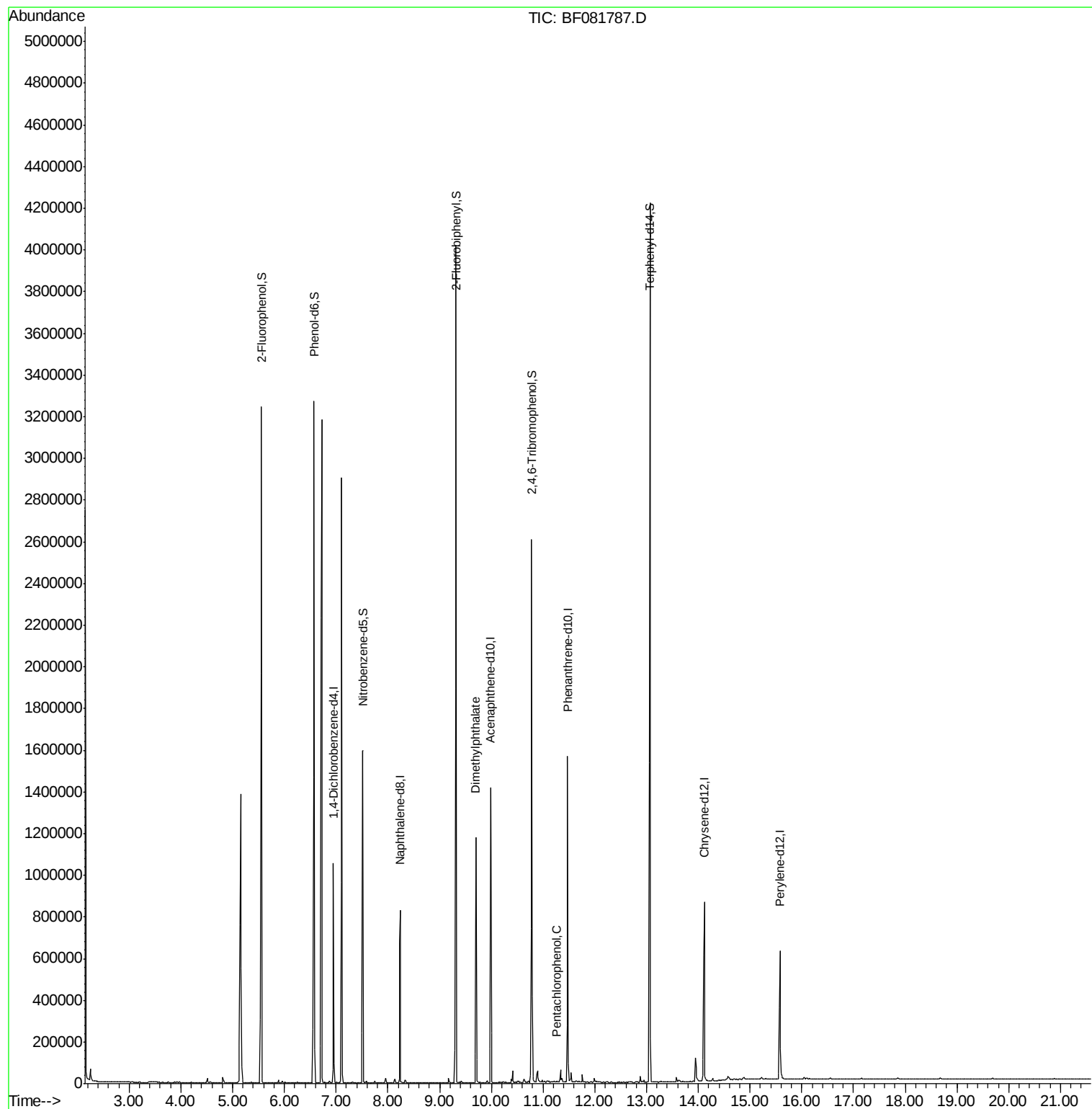
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	139255	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	527483	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	271504	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	529906	20.00	ng	0.00
75) Chrysene-d12	14.12	240	399369	20.00	ng	0.00
86) Perylene-d12	15.58	264	318722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1025174	124.54	ng	0.01
7) Phenol-d6	6.57	99	1187133	114.02	ng	0.00
23) Nitrobenzene-d5	7.52	82	787822	98.54	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	311848	132.30	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1389635	84.02	ng	0.00
78) Terphenyl-d14	13.06	244	1349572	77.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	448174	21.69	ng	Qvalue # 97
69) Pentachlorophenol	11.27	266	800	5.86	ng	84

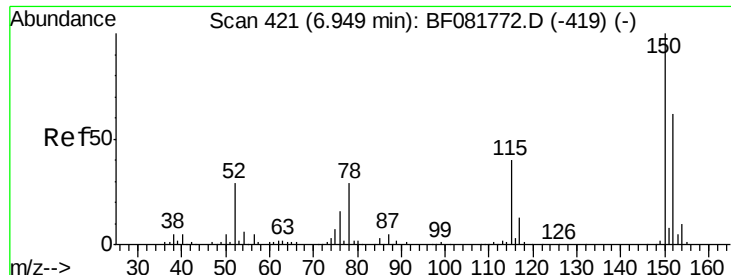
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

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MGP201-36-38

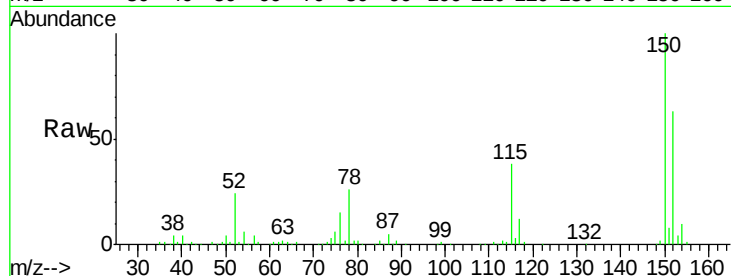
Tgt Ion:152 Resp: 139255

Ion Ratio Lower Upper

152 100

150 158.1 124.7 187.1

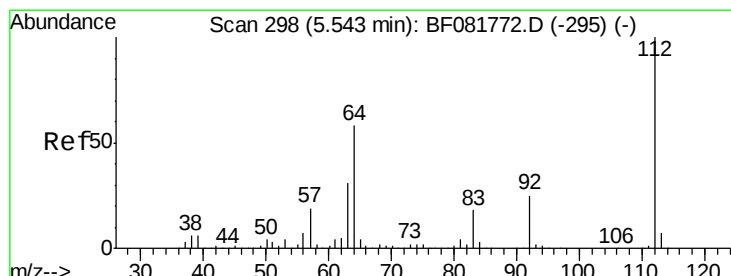
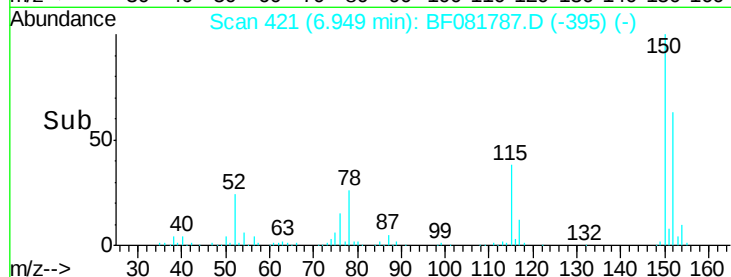
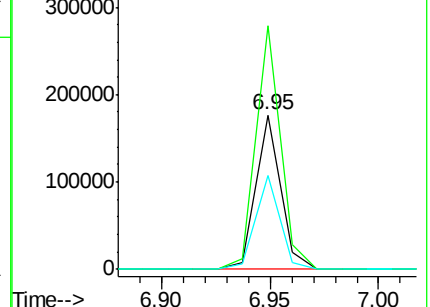
115 60.8 39.0 58.4#



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: 124.54 ng

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

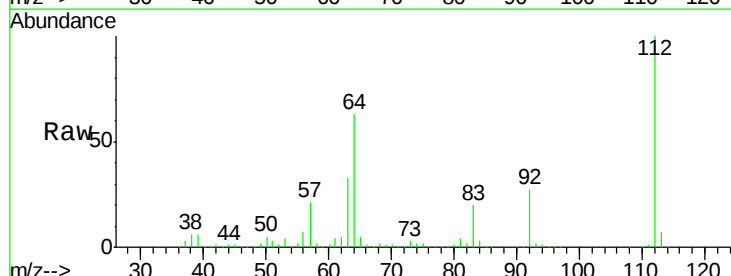
Tgt Ion:112 Resp: 1025174

Ion Ratio Lower Upper

112 100

64 62.5 39.7 59.5#

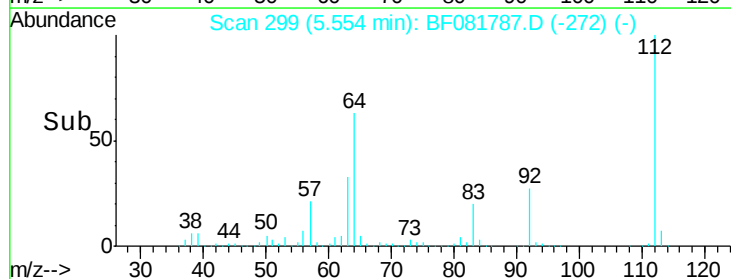
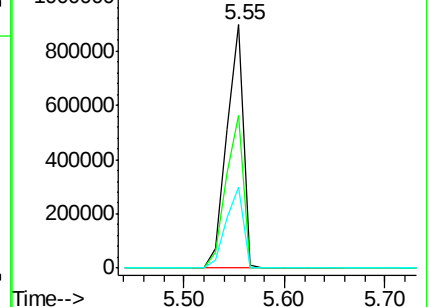
63 33.4 17.4 26.0#

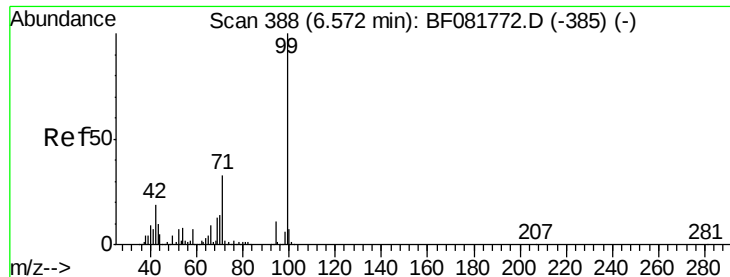


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.02 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

Instrument :

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ClientSampleId :

MGP201-36-38

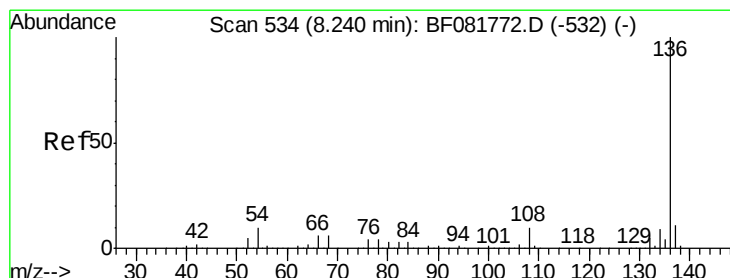
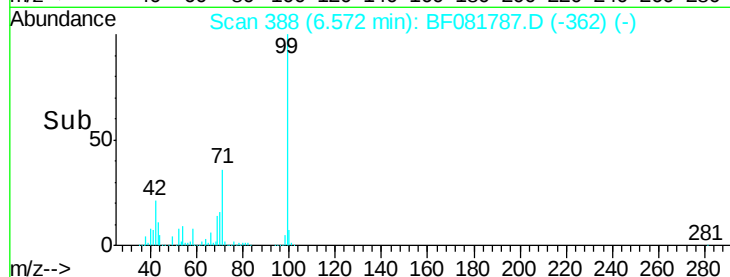
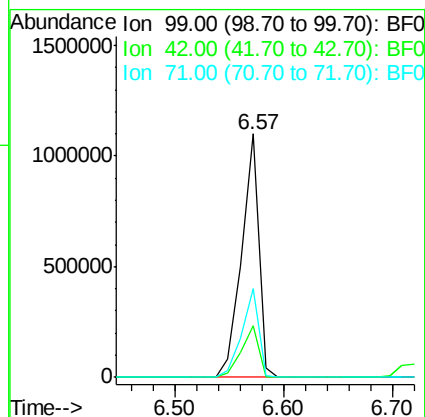
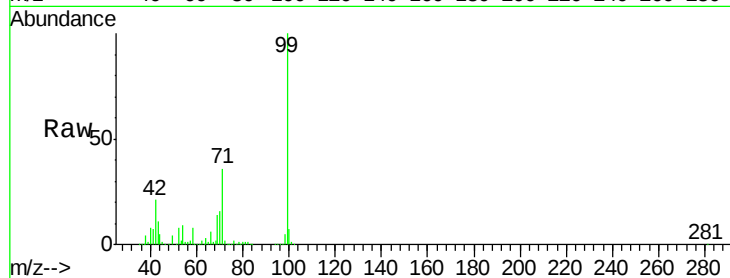
Tgt Ion: 99 Resp: 1187133

Ion Ratio Lower Upper

99 100

42 21.4 13.7 20.5#

71 36.2 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

Tgt Ion: 136 Resp: 527483

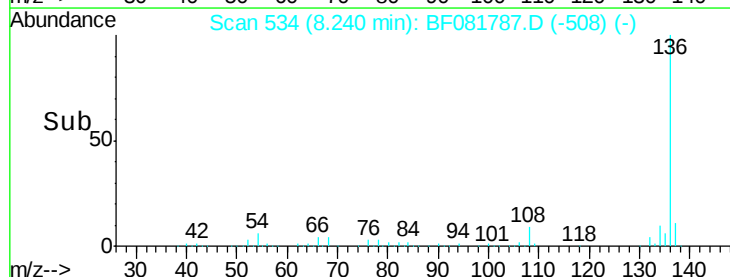
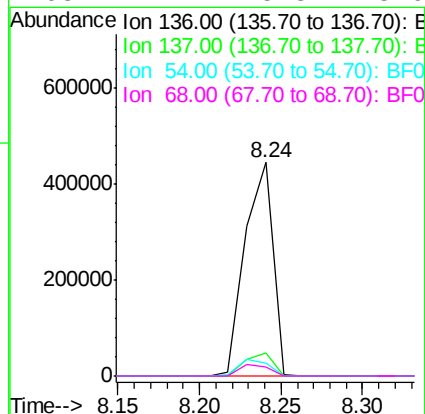
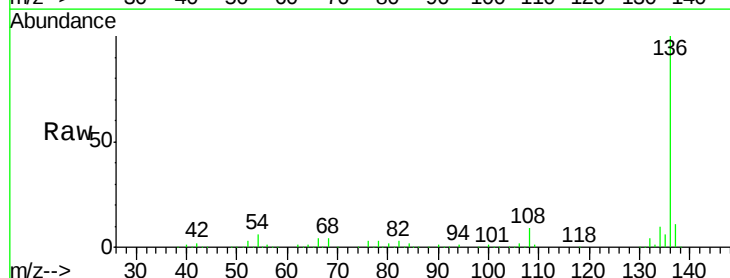
Ion Ratio Lower Upper

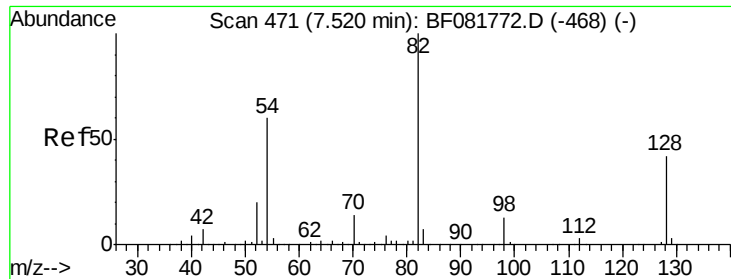
136 100

137 10.8 9.0 13.6

54 6.1 8.2 12.2#

68 4.4 5.8 8.6#

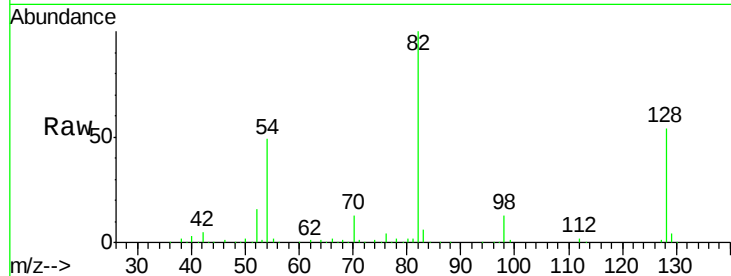




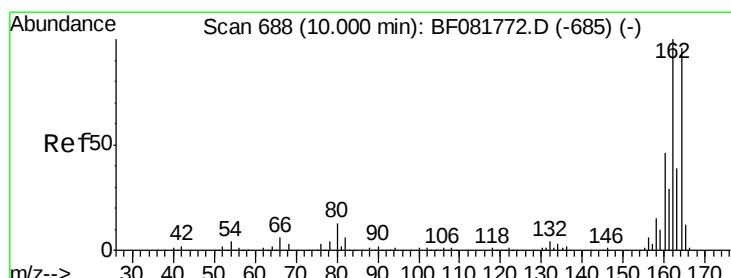
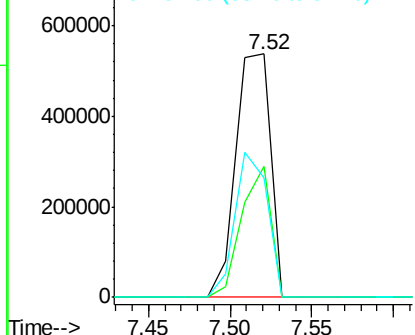
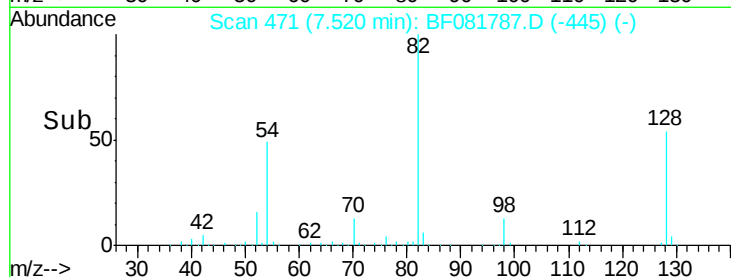
#23
 Nitrobenzene-d5
 Concen: 98.54 ng
 RT: 7.52 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-36-38

Tgt Ion: 82 Resp: 787822
 Ion Ratio Lower Upper
 82 100
 128 53.9 51.0 76.6
 54 49.0 47.5 71.3

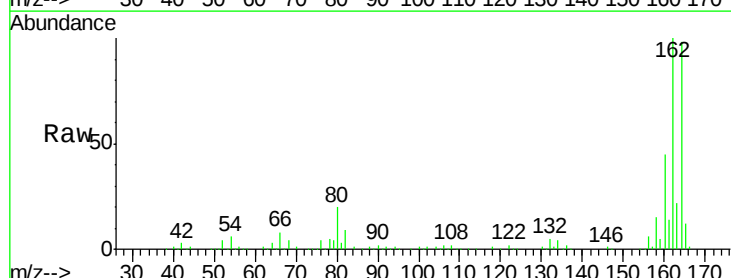


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

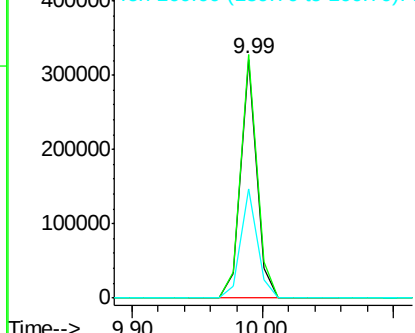
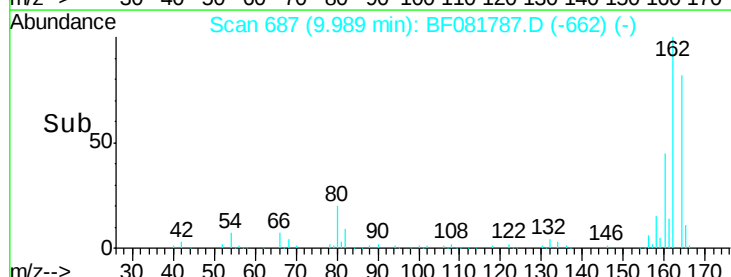


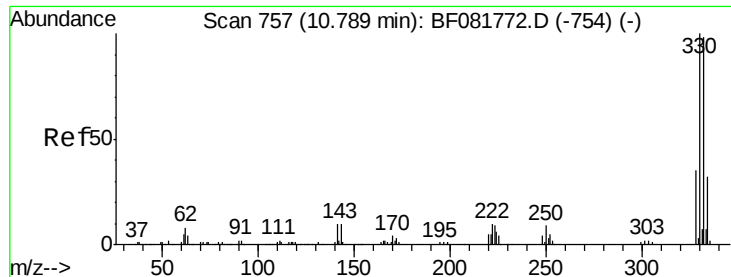
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

Tgt Ion: 164 Resp: 271504
 Ion Ratio Lower Upper
 164 100
 162 102.1 75.2 112.8
 160 45.6 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

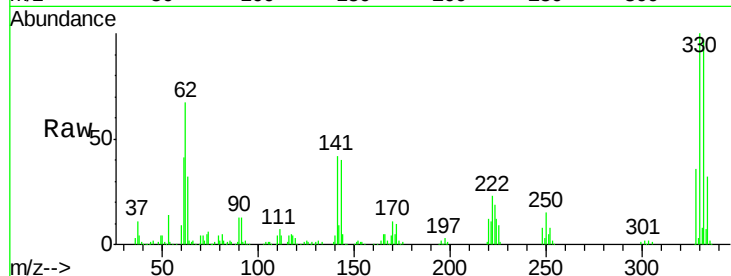




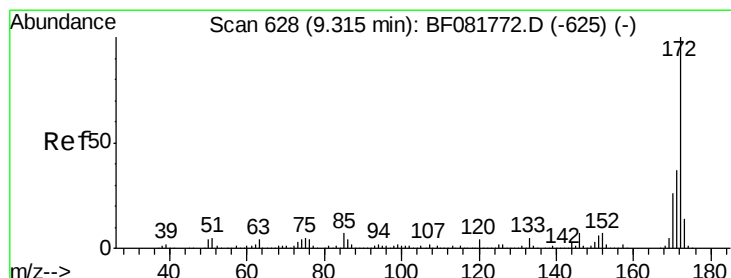
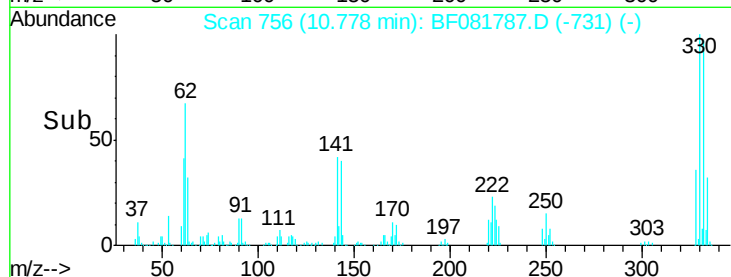
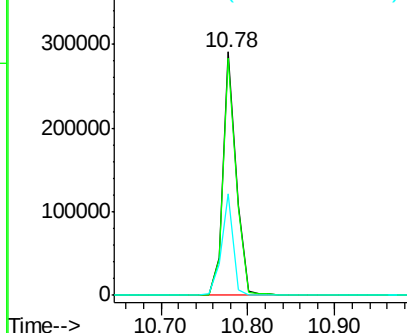
#41
 2,4,6-Tribromophenol
 Concen: 132.30 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-36-38

Tgt Ion:330 Resp: 311848
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 37.4 29.7 44.5

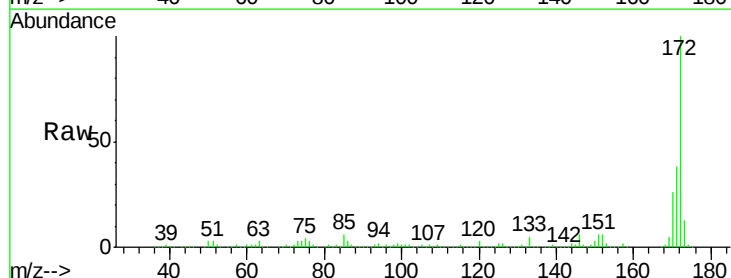


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

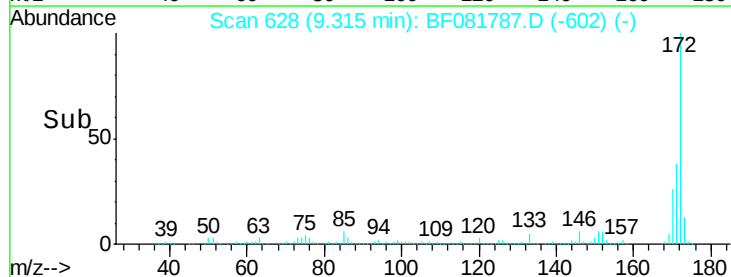
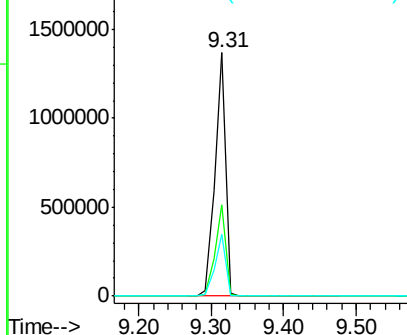


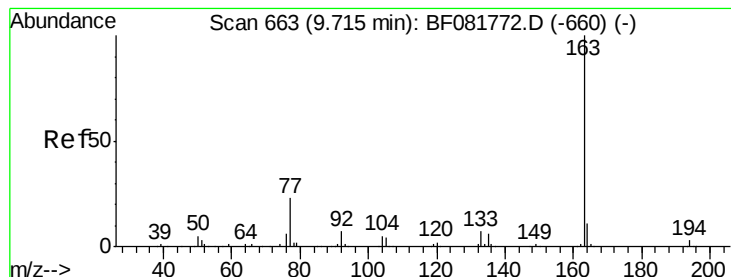
#44
 2-Fluorobiphenyl
 Concen: 84.02 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

Tgt Ion:172 Resp: 1389635
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.5 17.4 26.2



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





#49

Dimethylphthalate

Concen: 21.69 ng

RT: 9.70 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

Instrument :

BNA_F

ClientSampleId :

MGP201-36-38

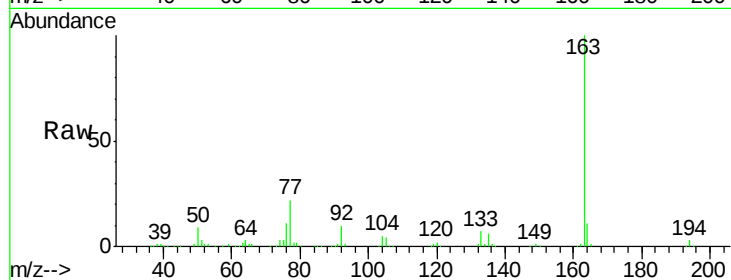
Tgt Ion:163 Resp: 448174

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

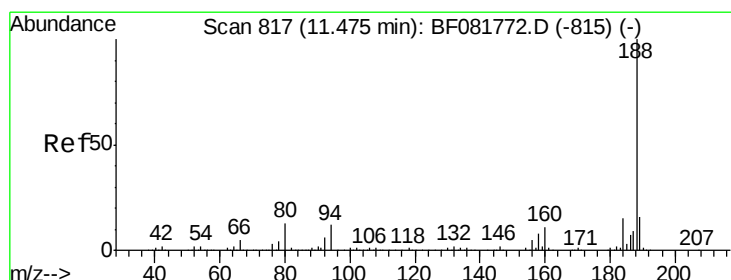
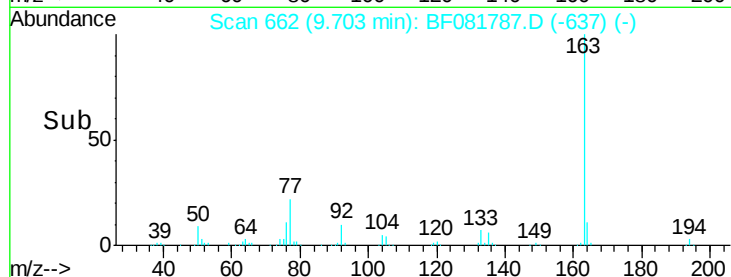
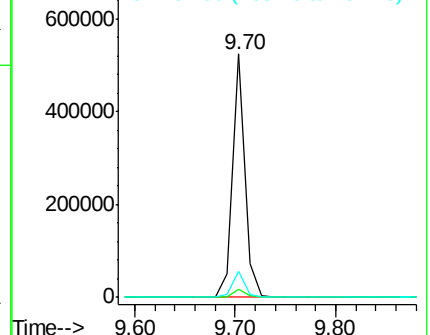
164 10.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

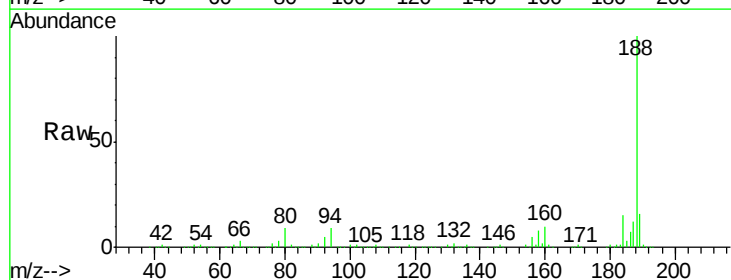
Tgt Ion:188 Resp: 529906

Ion Ratio Lower Upper

188 100

94 9.0 11.1 16.7#

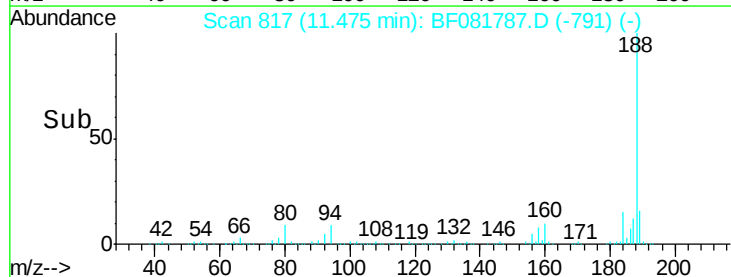
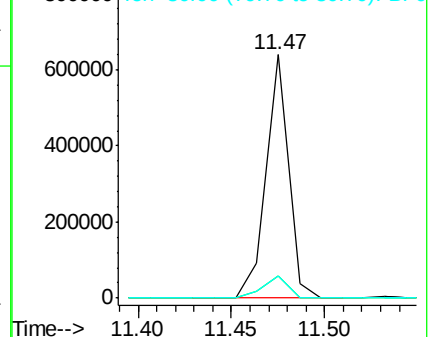
80 9.4 11.0 16.4#

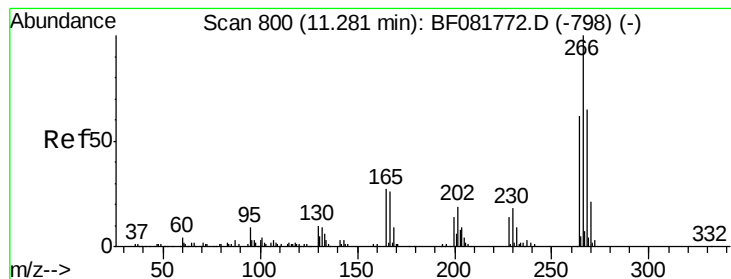


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#69

Pentachlorophenol

Concen: 5.86 ng

RT: 11.27 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

Instrument :

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MGP201-36-38

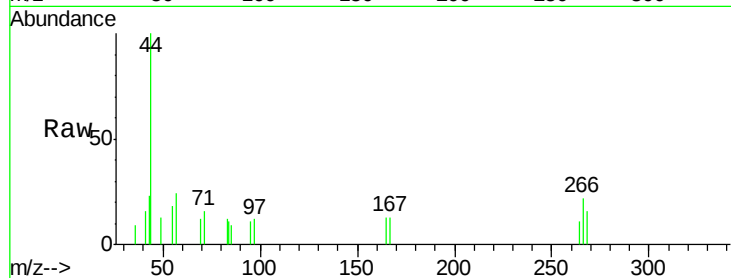
Tgt Ion: 266 Resp: 800

Ion Ratio Lower Upper

266 100

268 73.9 49.8 74.6

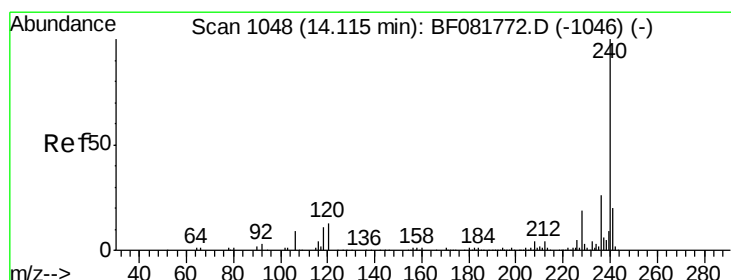
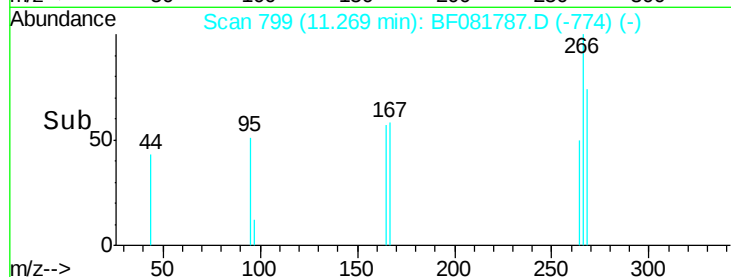
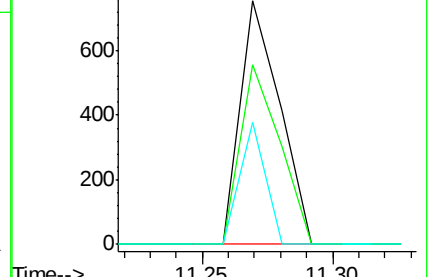
264 50.2 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

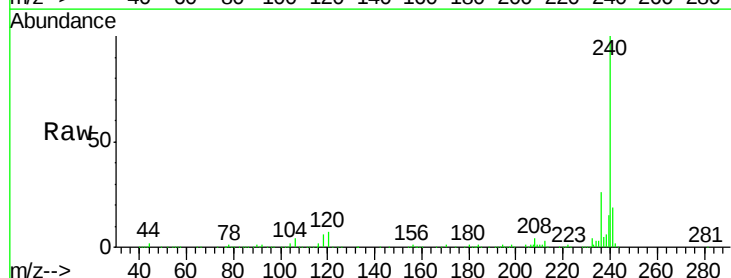
Tgt Ion: 240 Resp: 399369

Ion Ratio Lower Upper

240 100

120 6.6 16.2 24.2#

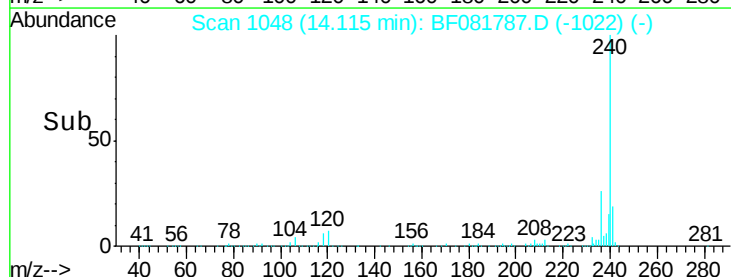
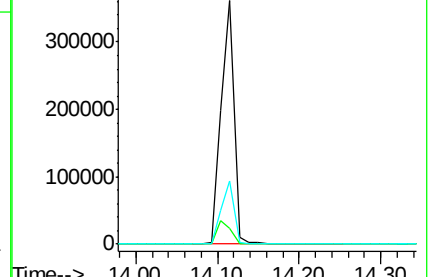
236 25.9 18.4 27.6

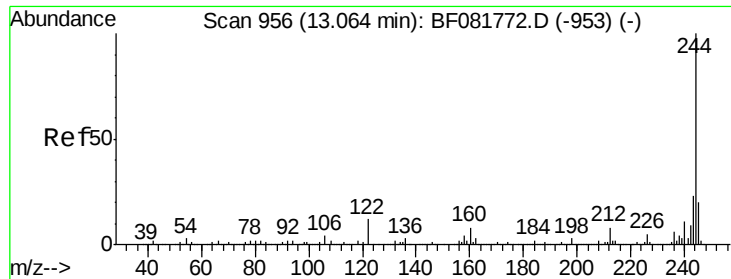


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.19 ng

RT: 13.06 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF081787.D

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MGP201-36-38

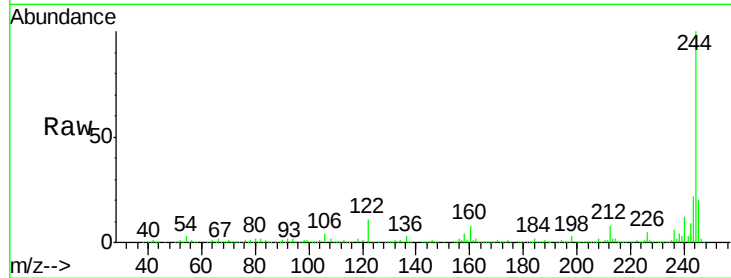
Tgt Ion:244 Resp: 1349572

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

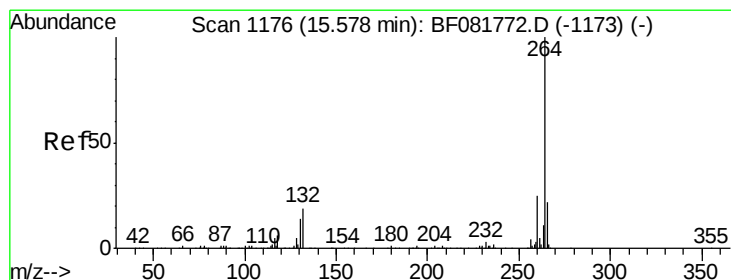
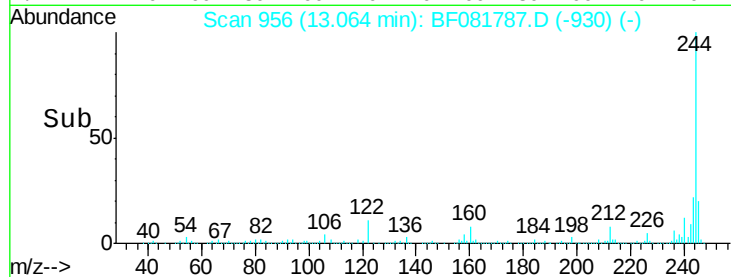
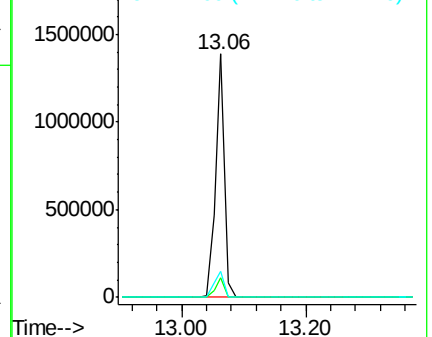
122 10.9 17.4 26.2#



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: 15.58 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

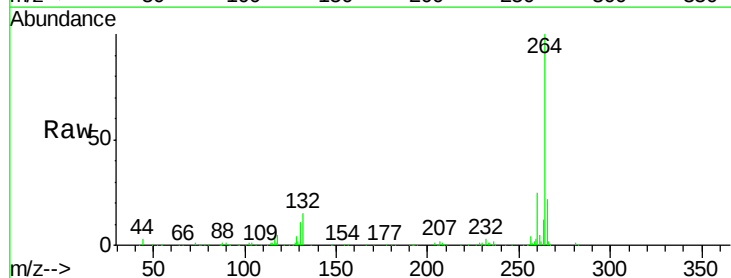
Tgt Ion:264 Resp: 318722

Ion Ratio Lower Upper

264 100

260 24.7 16.7 25.1

265 21.7 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

