

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
 Data File : BF090961.D
 Acq On : 1 Nov 2016 19:59
 Operator : UM/SJ
 Sample : H5502-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-82-4.5-5.0

Quant Time: Nov 02 01:43:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

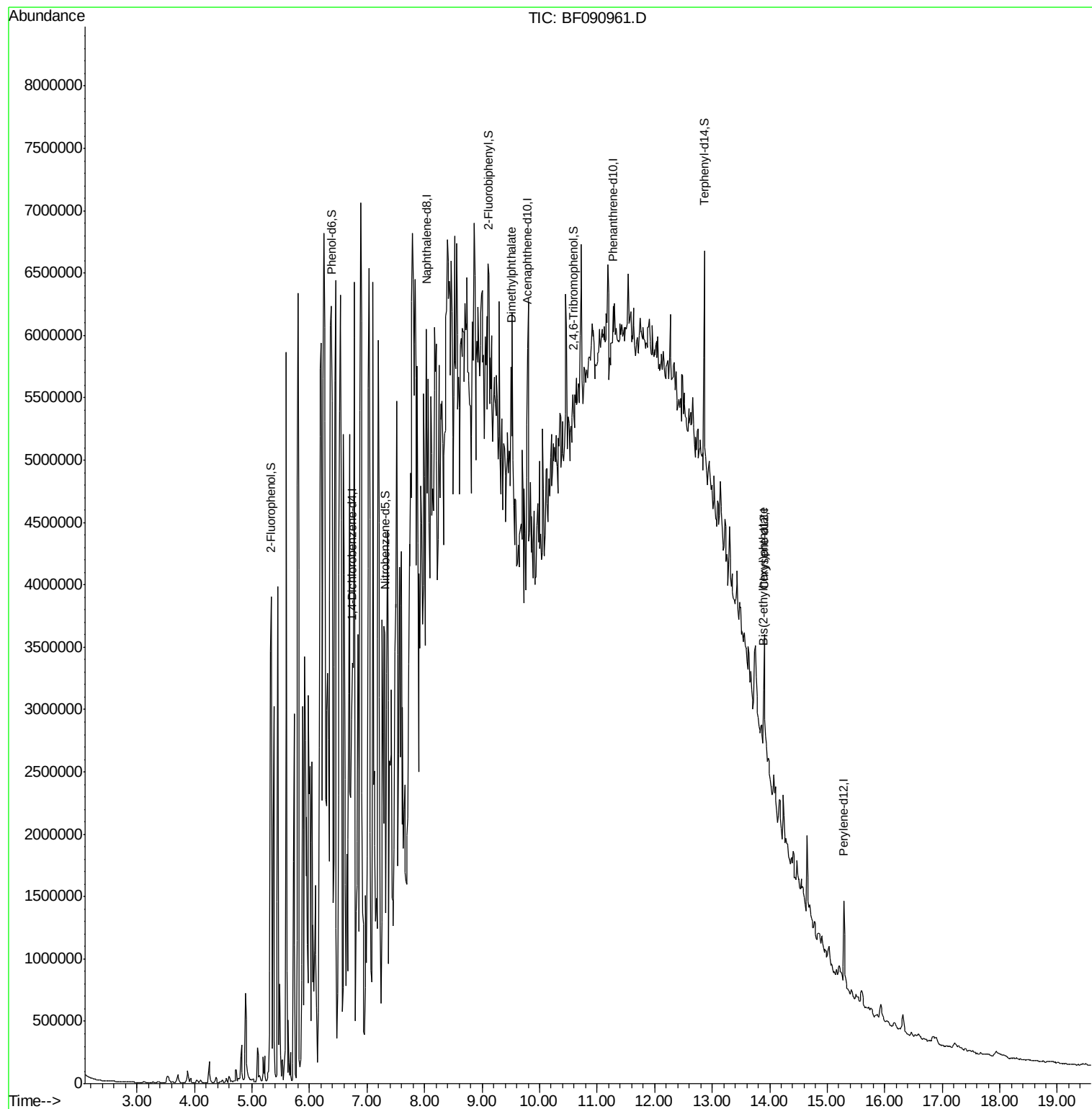
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	153127	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	512233	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	287975	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	382366	20.00	ng	0.01
75) Chrysene-d12	13.91	240	411279	20.00	ng	0.00
86) Perylene-d12	15.29	264	320787	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1187137	135.55	ng	0.00
7) Phenol-d6	6.38	99	825350	69.85	ng	-0.01
23) Nitrobenzene-d5	7.31	82	936390	119.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	311447	105.24	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	960075	58.54	ng	0.00
78) Terphenyl-d14	12.87	244	1059870	64.92	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.50	163	366671	19.06	ng	# 93
83) Bis(2-ethylhexyl)phthalate	13.89	149	41075	2.67	ng	# 92

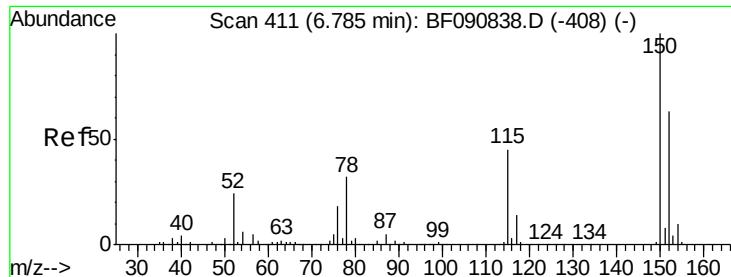
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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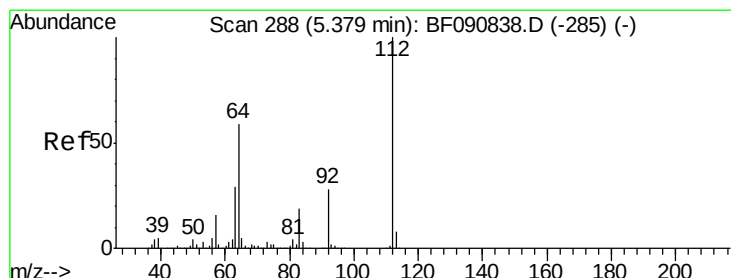
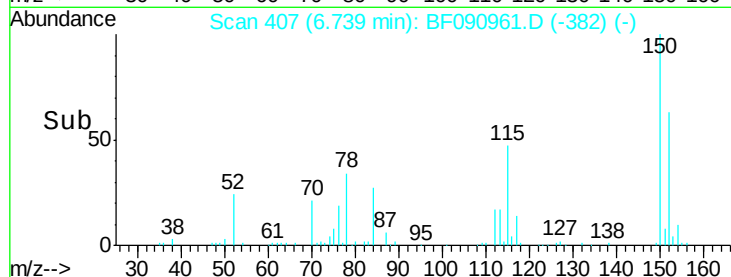
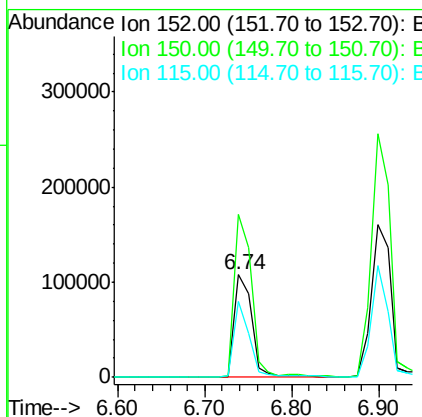
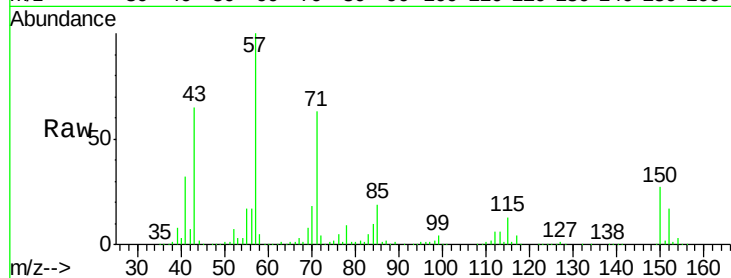


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

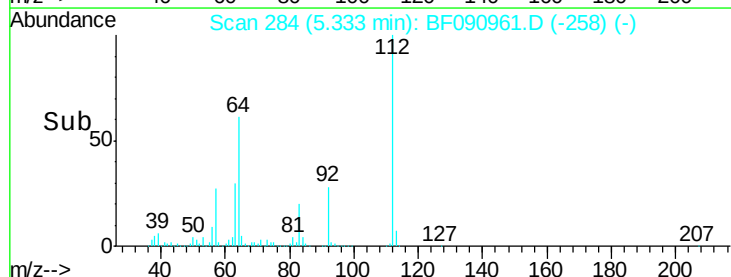
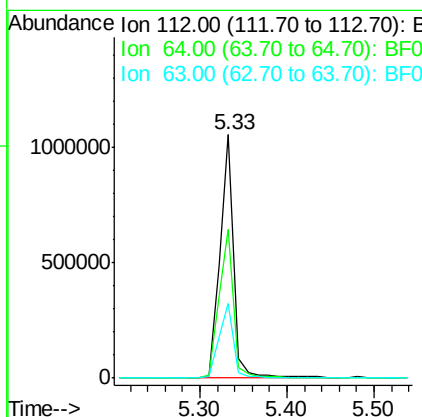
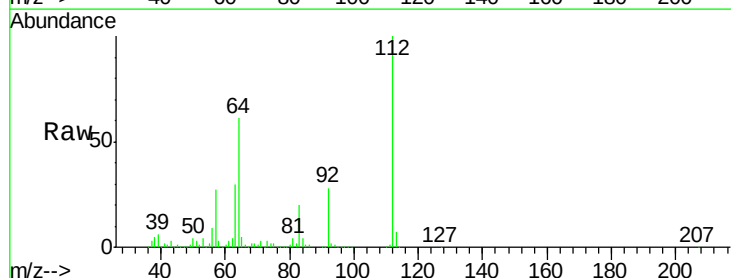
Tot Ion:152 Resp: 153127
Ion Ratio Lower Upper
152 100
150 158.6 124.7 187.1
115 74.3 39.0 58.4#

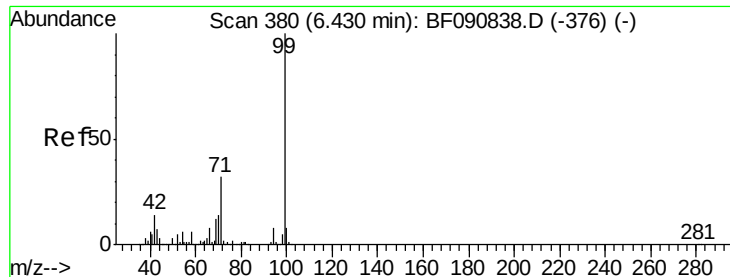


#5

2-Fluorophenol
Concen: 135.55 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:112 Resp: 1187137
Ion Ratio Lower Upper
112 100
64 61.0 39.7 59.5#
63 30.5 17.4 26.0#





#7

Phenol-d6

Concen: 69.85 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090961.D

Acq: 1 Nov 2016 19:59

Instrument :

BNA_F

ClientSampleId :

SB-82-4.5-5.0

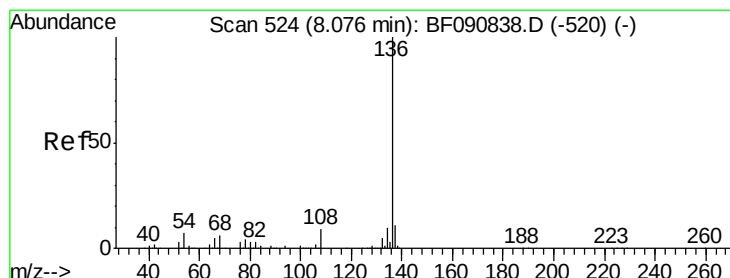
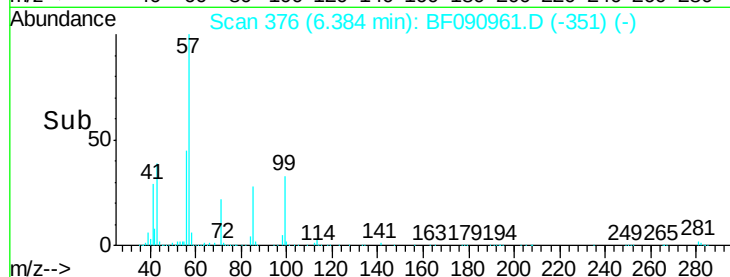
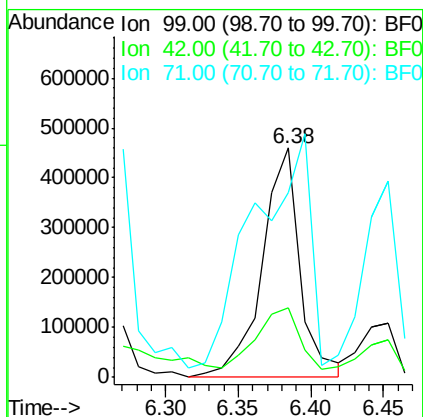
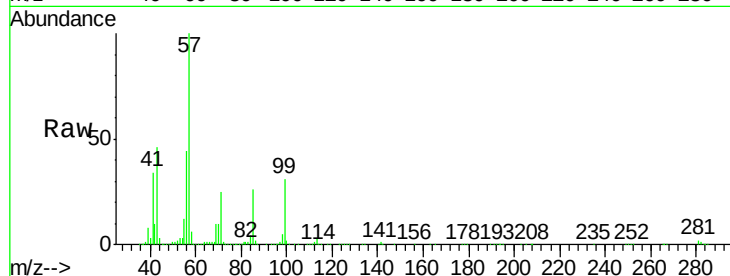
Tot Ion: 99 Resp: 825350

Ion Ratio Lower Upper

99 100

42 30.6 13.7 20.5#

71 80.5 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090961.D

Acq: 1 Nov 2016 19:59

Tgt Ion: 136 Resp: 512233

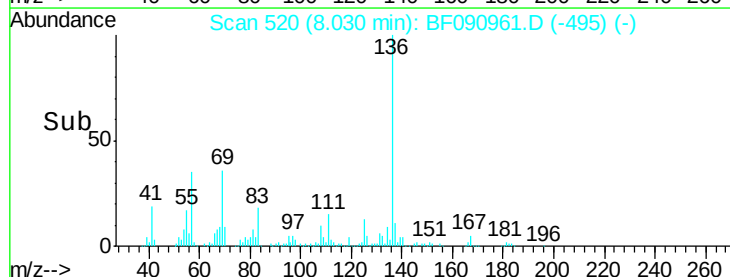
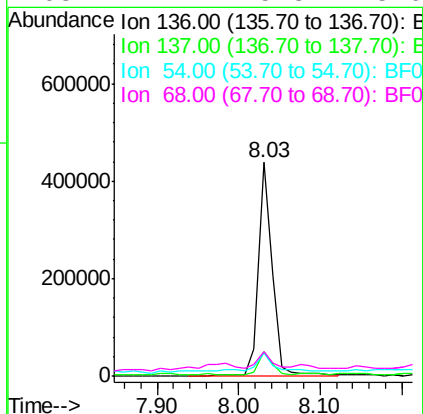
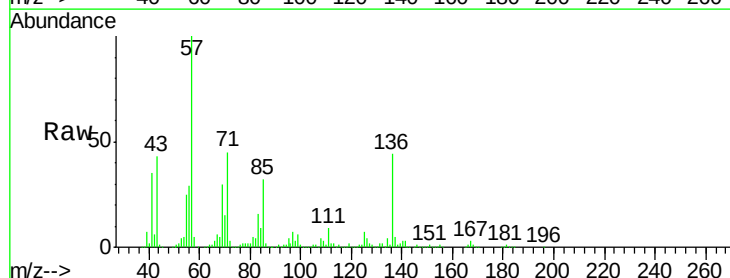
Ion Ratio Lower Upper

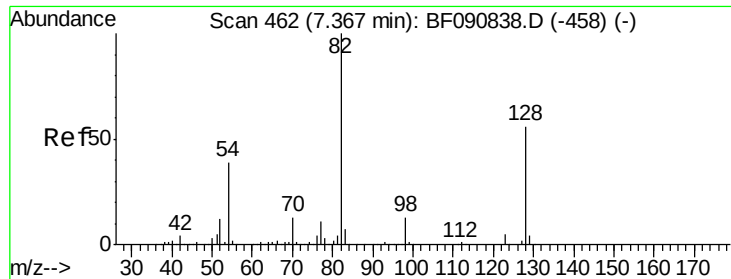
136 100

137 11.6 9.0 13.6

54 10.5 8.2 12.2

68 11.2 5.8 8.6#

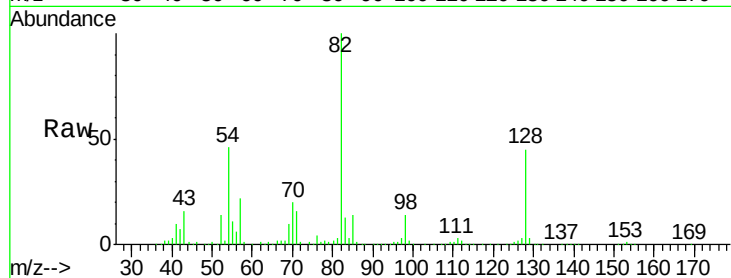




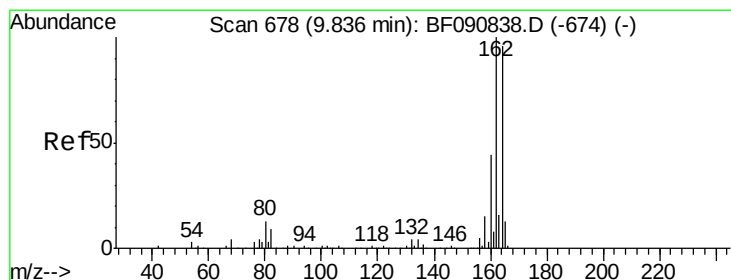
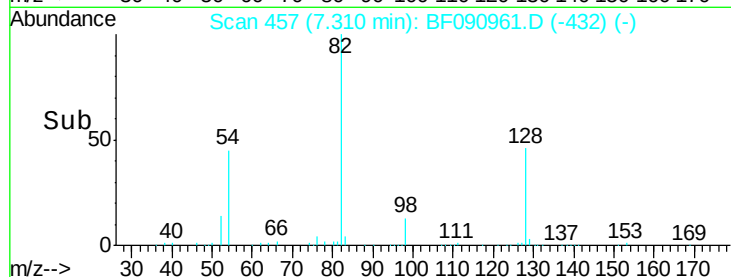
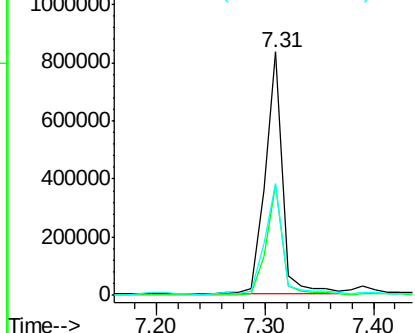
#23
 Nitrobenzene-d5
 Concen: 119.67 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090961.D
 Acq: 1 Nov 2016 19:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-82-4.5-5.0

Tot Ion: 82 Resp: 936390
 Ion Ratio Lower Upper
 82 100
 128 45.3 51.0 76.6#
 54 45.9 47.5 71.3#

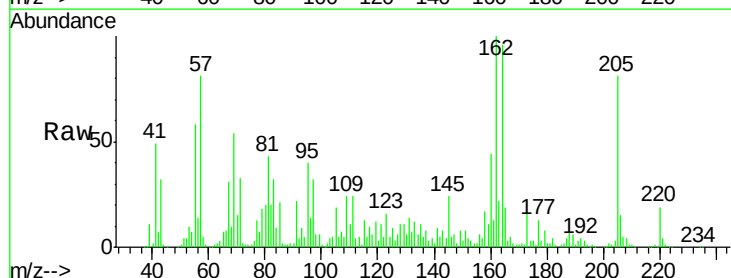


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

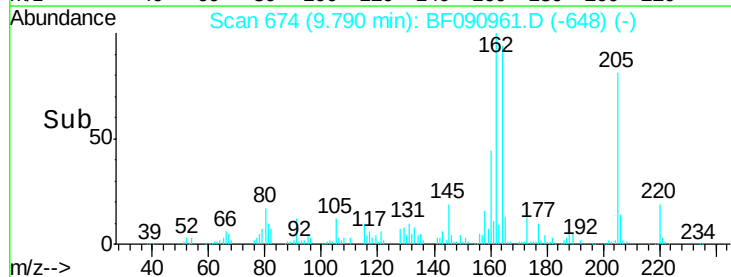
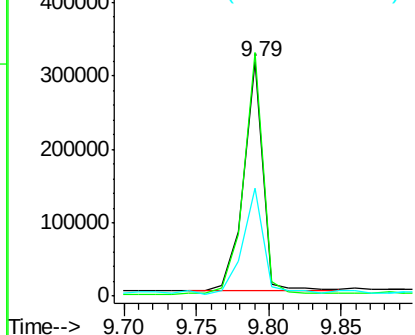


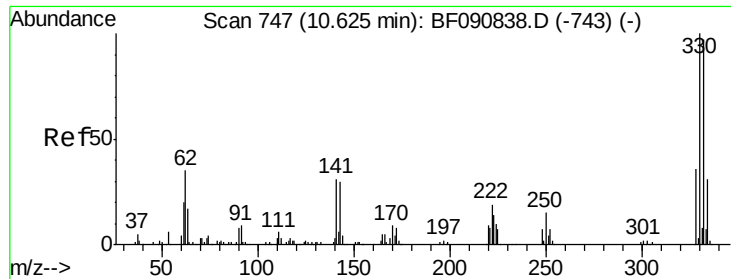
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF090961.D
 Acq: 1 Nov 2016 19:59

Tgt Ion:164 Resp: 287975
 Ion Ratio Lower Upper
 164 100
 162 104.0 75.2 112.8
 160 46.2 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

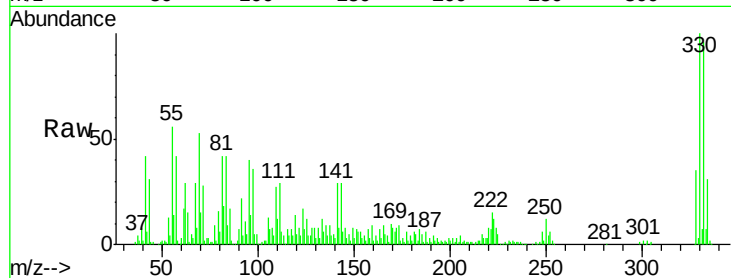




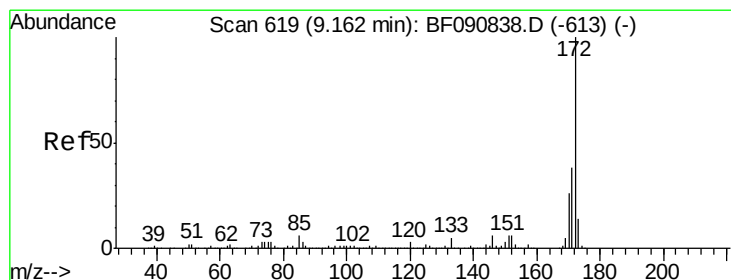
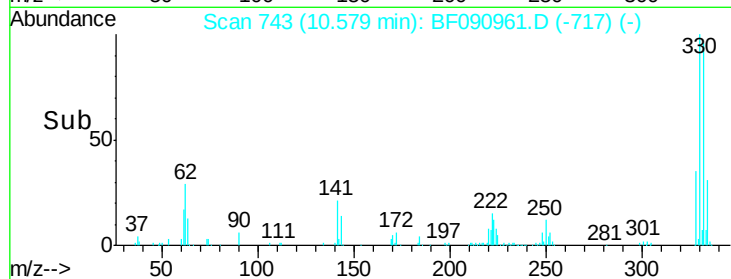
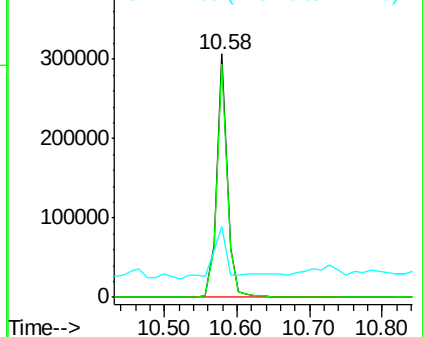
#41
 2,4,6-Tribromophenol
 Concen: 105.24 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF090961.D
 Acq: 1 Nov 2016 19:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-82-4.5-5.0

Tot Ion:330 Resp: 311447
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 27.7 29.7 44.5#

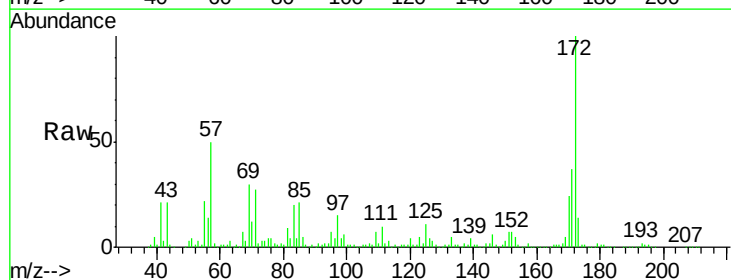


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

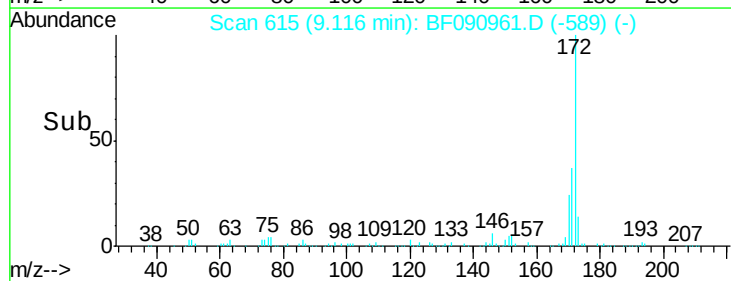
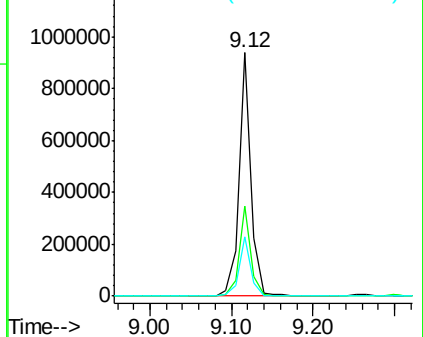


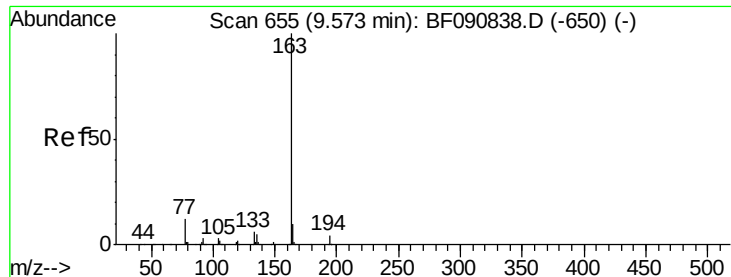
#44
 2-Fluorobiphenyl
 Concen: 58.54 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF090961.D
 Acq: 1 Nov 2016 19:59

Tgt Ion:172 Resp: 960075
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.4 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: 19.06 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF090961.D

Acq: 1 Nov 2016 19:59

Instrument :

BNA_F

ClientSampleId :

SB-82-4.5-5.0

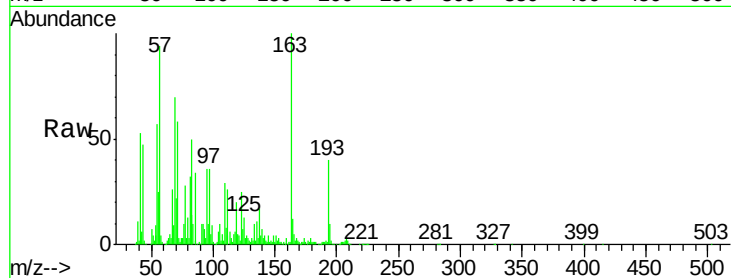
Tot Ion:163 Resp: 366671

Ion Ratio Lower Upper

163 100

194 10.3 4.4 6.6#

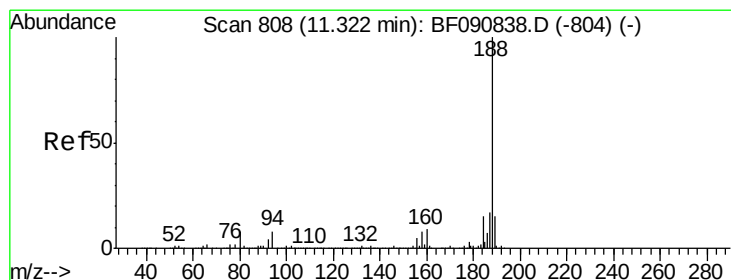
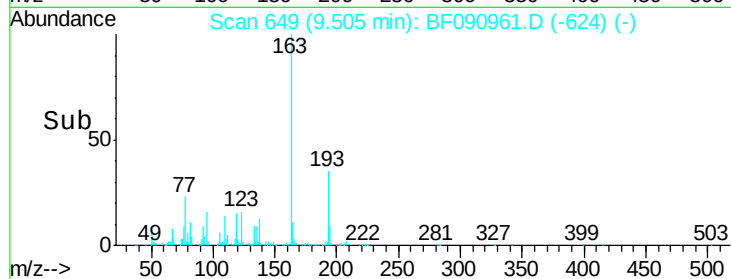
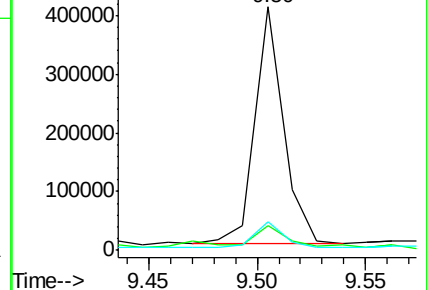
164 11.5 8.3 12.5



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: 11.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF090961.D

Acq: 1 Nov 2016 19:59

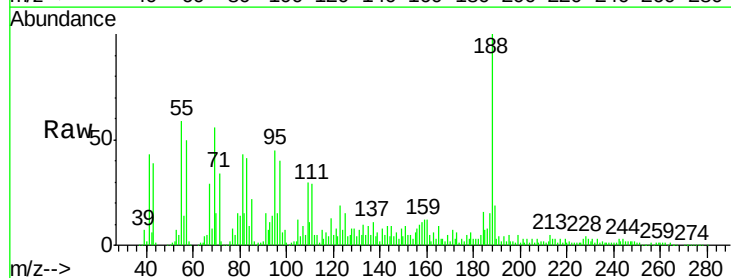
Tgt Ion:188 Resp: 382366

Ion Ratio Lower Upper

188 100

94 13.6 11.1 16.7

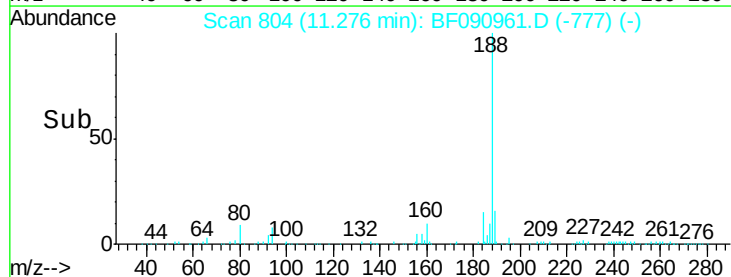
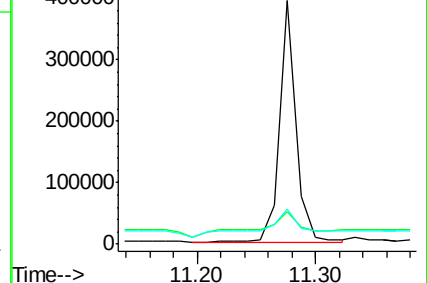
80 14.2 11.0 16.4

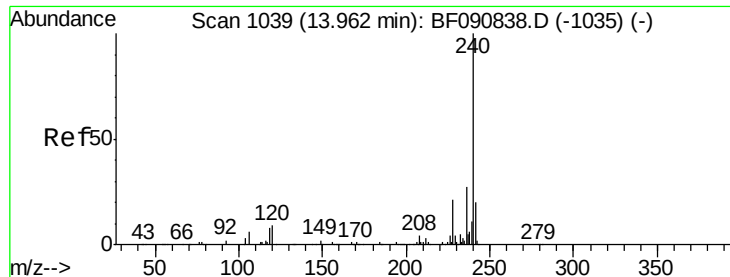


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF090961.D

Acq: 1 Nov 2016 19:59

Instrument :

BNA_F

ClientSampleId :

SB-82-4.5-5.0

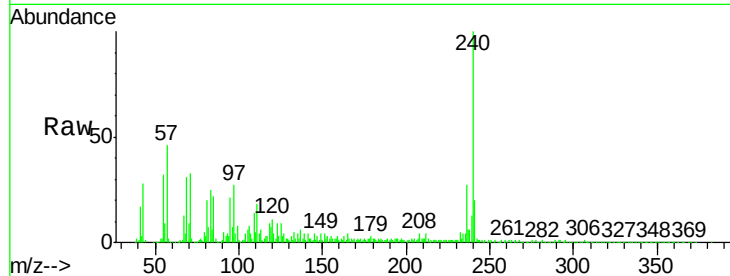
Tot Ion:240 Resp: 411279

Ion Ratio Lower Upper

240 100

120 11.2 16.2 24.2#

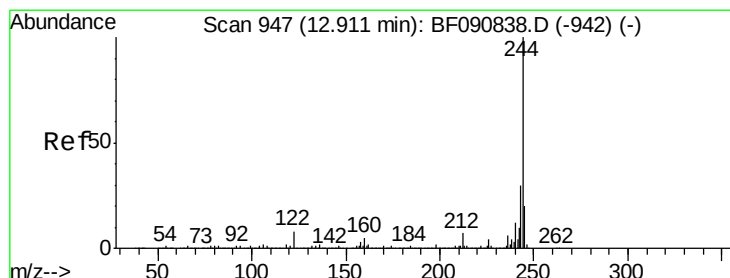
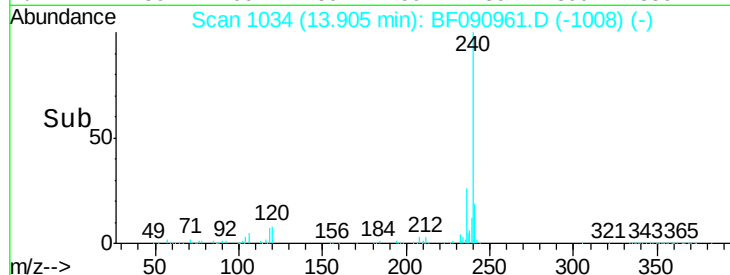
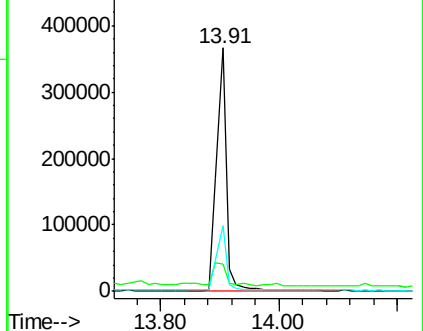
236 27.1 18.4 27.6



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: 64.92 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF090961.D

Acq: 1 Nov 2016 19:59

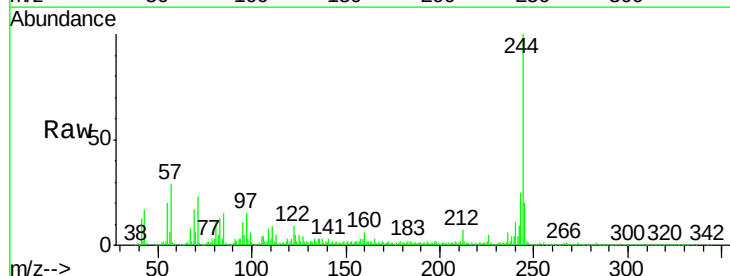
Tgt Ion:244 Resp: 1059870

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

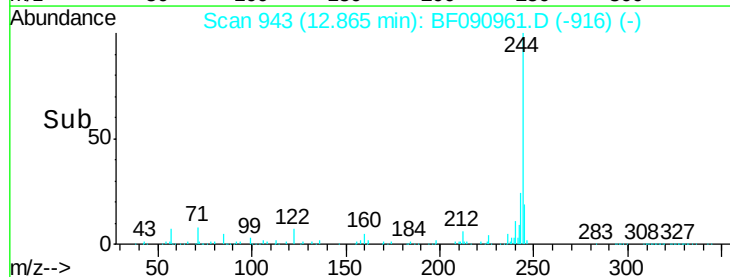
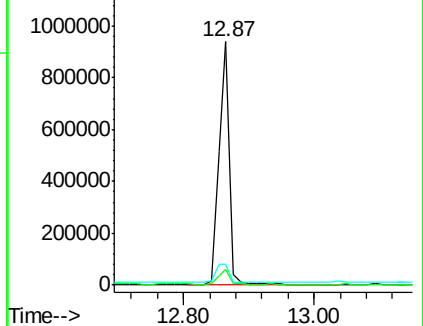
122 8.5 17.4 26.2#

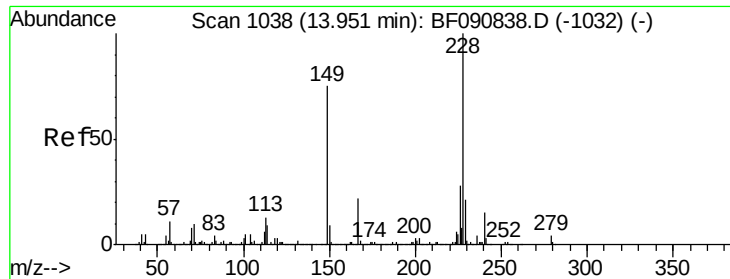


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

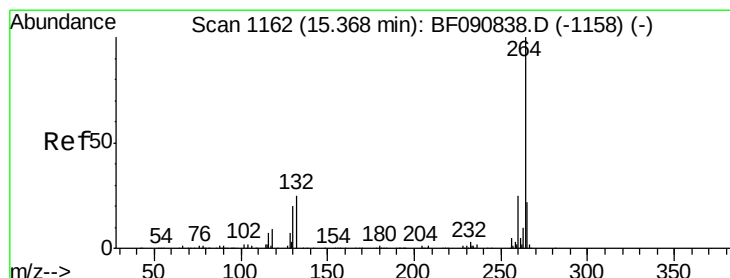
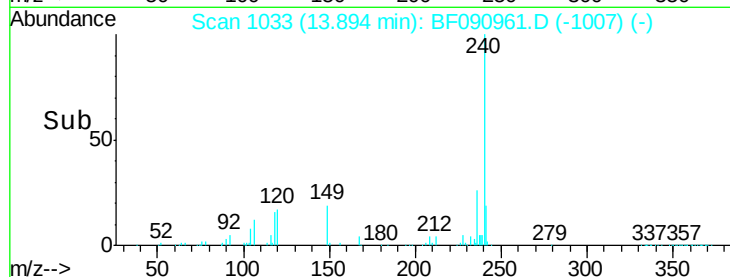
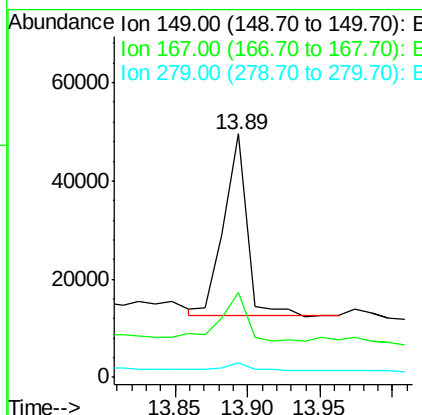
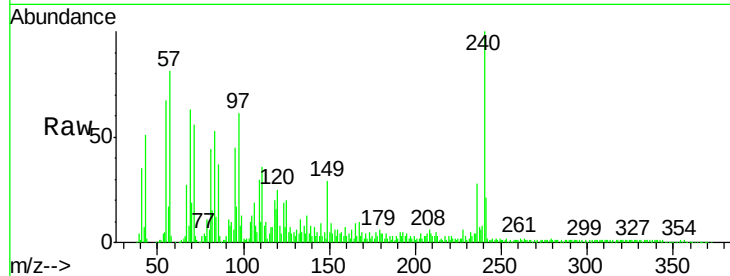




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.67 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF090961.D
 Acq: 1 Nov 2016 19:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-82-4.5-5.0

Tot Ion:149 Resp: 41075
 Ion Ratio Lower Upper
 149 100
 167 34.9 24.2 36.2
 279 5.7 3.8 5.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF090961.D
 Acq: 1 Nov 2016 19:59

Tgt Ion:264 Resp: 320787
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 21.9 17.2 25.8

