

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096543.D
 Acq On : 6 Jul 2017 19:48
 Operator : SJ/MA
 Sample : I3972-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-18.5-19

Quant Time: Jul 07 03:57:45 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

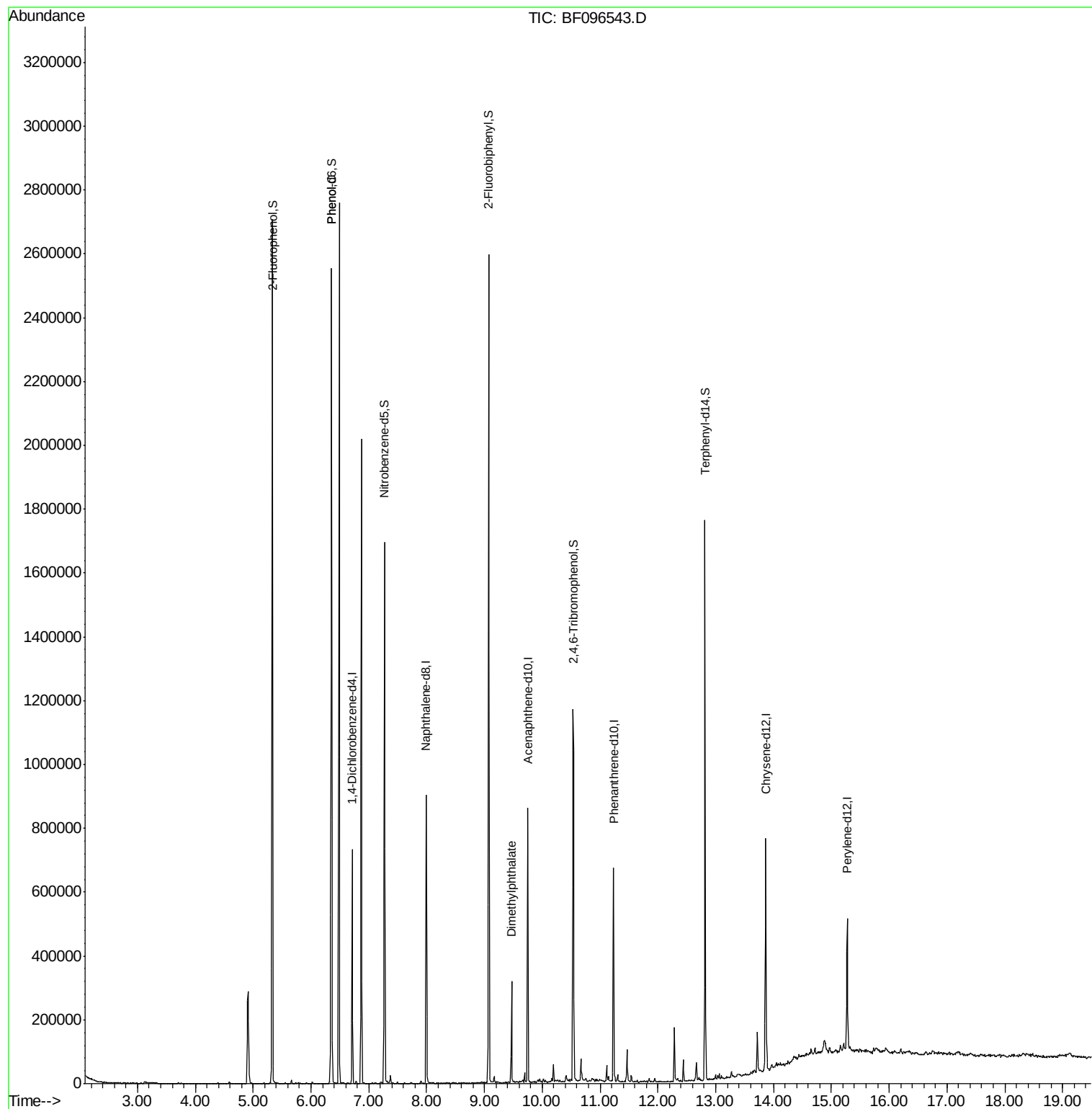
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	108156	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	437805	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	168332	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	252319	20.00	ng	0.00
75) Chrysene-d12	13.86	240	227822	20.00	ng	0.00
86) Perylene-d12	15.27	264	172644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	752060	102.63	ng	0.01
7) Phenol-d6	6.36	99	889467	98.74	ng	0.00
23) Nitrobenzene-d5	7.27	82	505780	69.42	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	136776	104.02	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	785132	79.75	ng	0.00
78) Terphenyl-d14	12.82	244	531750	49.88	ng	0.00
Target Compounds						
10) Phenol	6.36	94	32289	3.146	ng	80
49) Dimethylphthalate	9.47	163	129220	10.283	ng	98

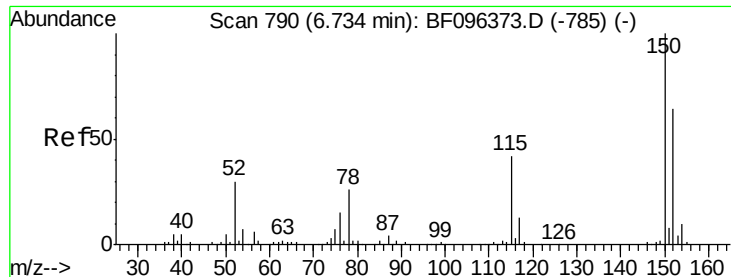
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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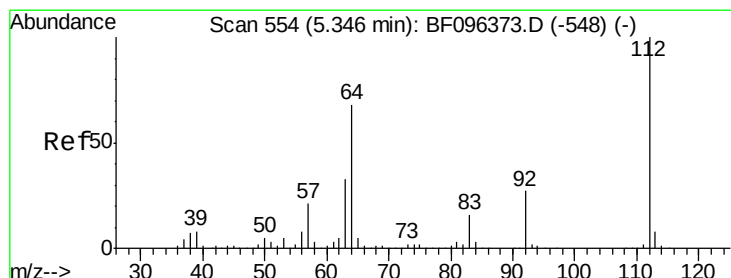
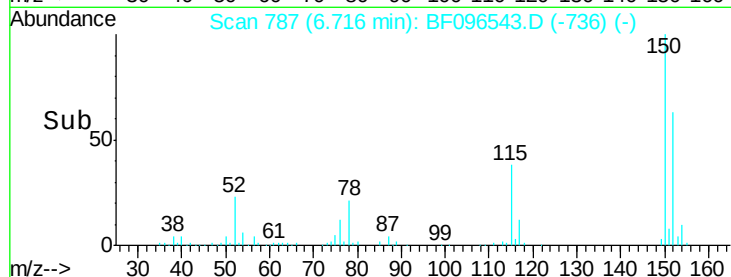
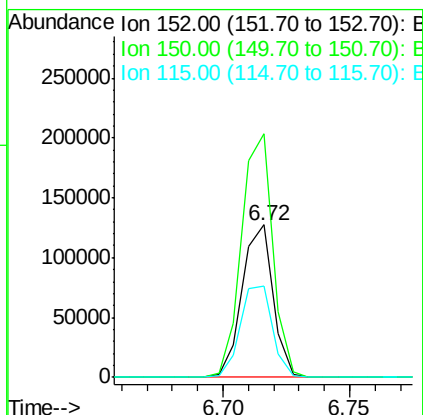
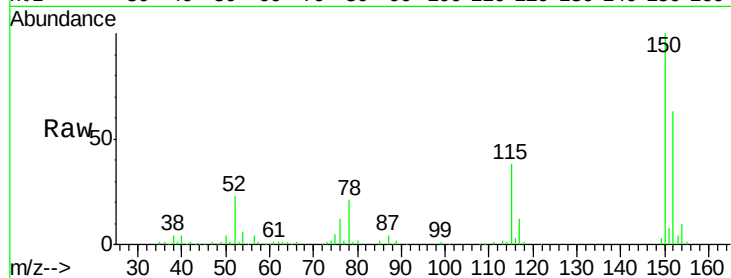


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096543.D
Acq: 6 Jul 2017 19:48

Instrument :
BNA_F
ClientSampleId :
B2-18.5-19

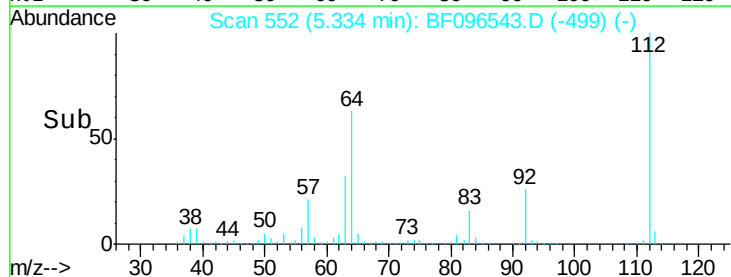
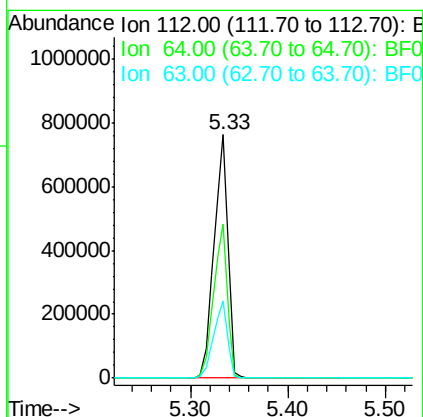
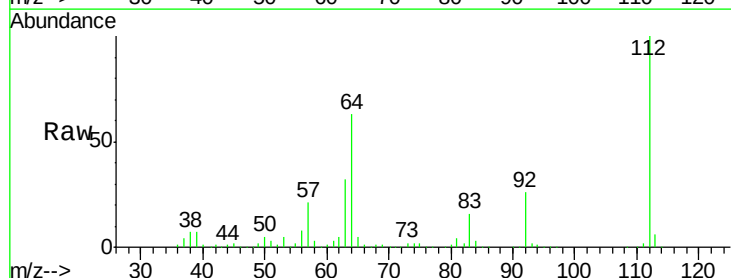
Tgt Ion:152 Resp: 108156
Ion Ratio Lower Upper
152 100
150 159.9 126.2 189.2
115 60.3 52.2 78.2

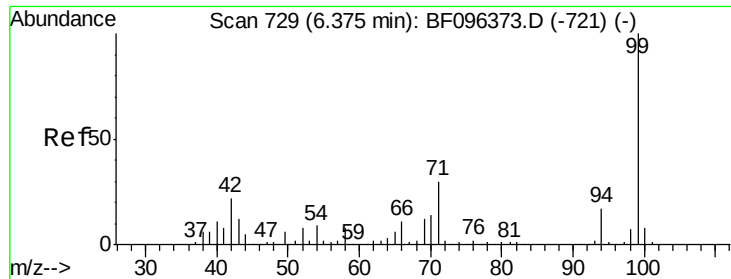


#5

2-Fluorophenol
Concen: 102.631 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096543.D
Acq: 6 Jul 2017 19:48

Tgt Ion:112 Resp: 752060
Ion Ratio Lower Upper
112 100
64 63.5 46.0 69.0
63 31.8 23.4 35.0





#7

Phenol-d6

Concen: 98.736 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096543.D

Acq: 6 Jul 2017 19:48

Instrument :

BNA_F

ClientSampled :

B2-18.5-19

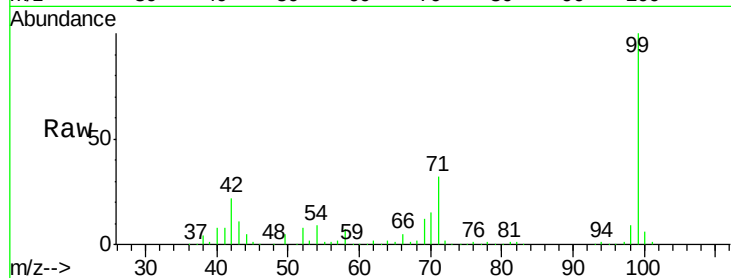
Tgt Ion: 99 Resp: 889467

Ion Ratio Lower Upper

99 100

42 22.0 13.5 20.3#

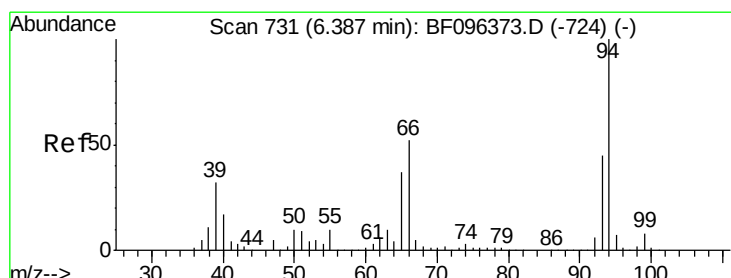
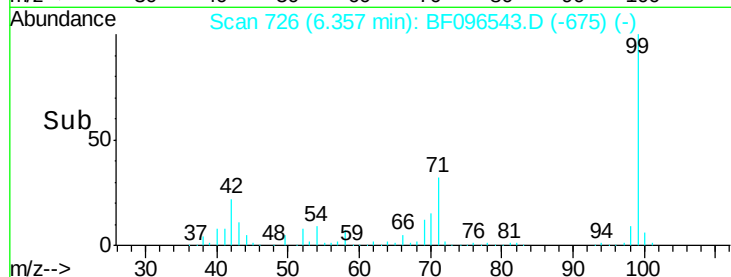
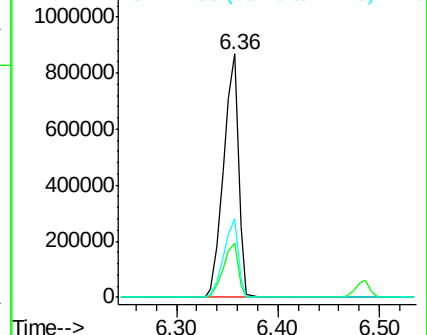
71 32.3 24.5 36.7



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



#10

Phenol

Concen: 3.146 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096543.D

Acq: 6 Jul 2017 19:48

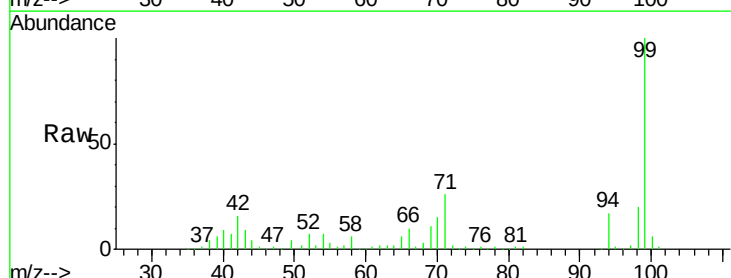
Tgt Ion: 94 Resp: 32289

Ion Ratio Lower Upper

94 100

65 33.9 9.9 49.9

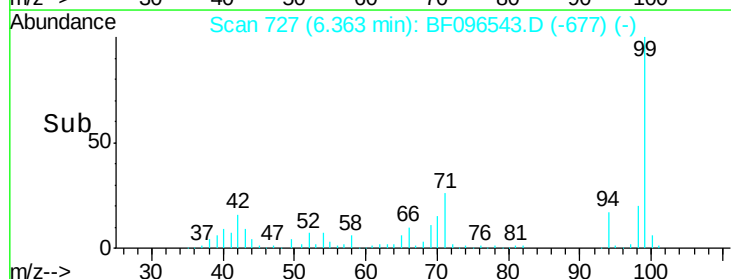
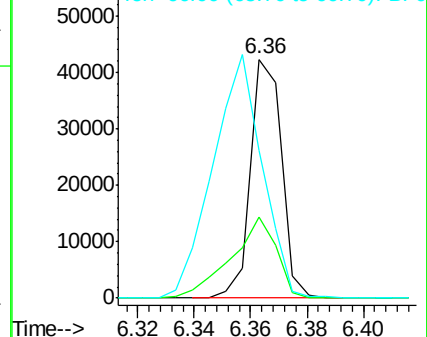
66 61.8 23.1 63.1

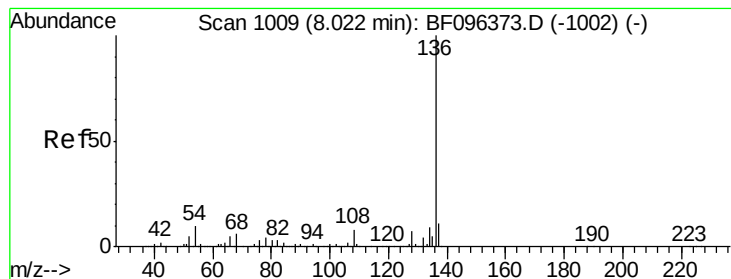


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF096543.D

Acq: 6 Jul 2017 19:48

Instrument :

BNA_F

ClientSampleId :

B2-18.5-19

Tgt Ion: 136 Resp: 437805

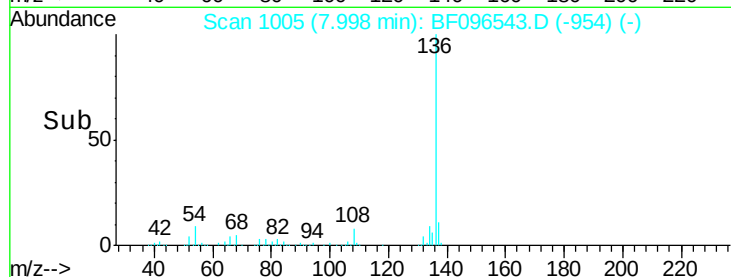
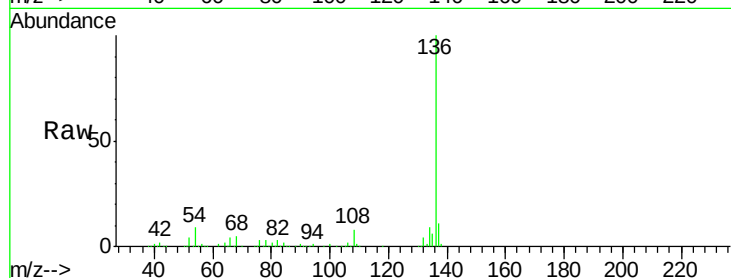
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 8.7 4.9 7.3#

68 4.6 4.1 6.1

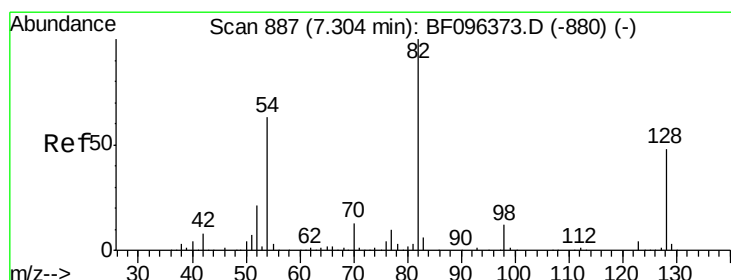
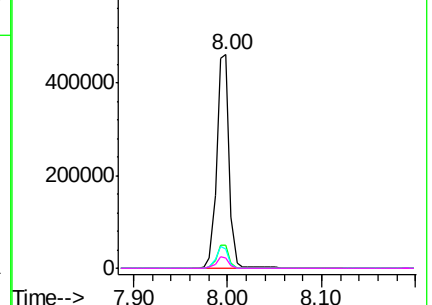


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.421 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096543.D

Acq: 6 Jul 2017 19:48

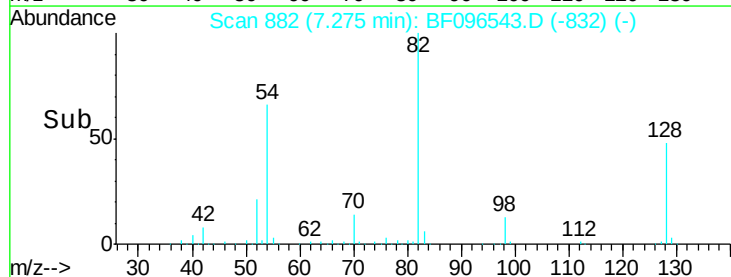
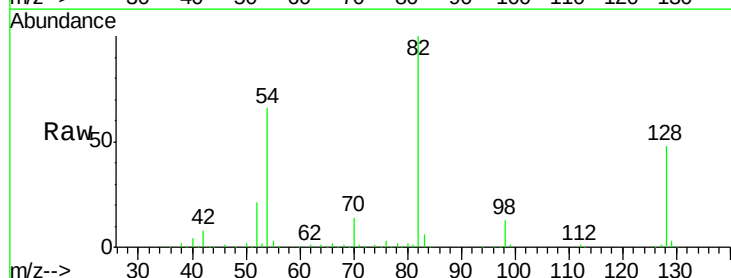
Tgt Ion: 82 Resp: 505780

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

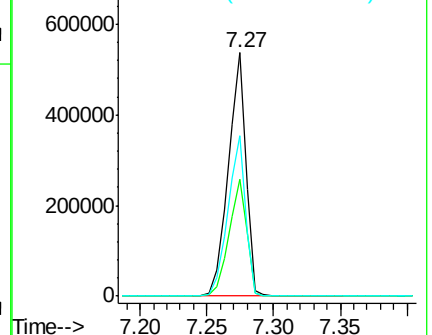
54 65.8 42.2 63.2#

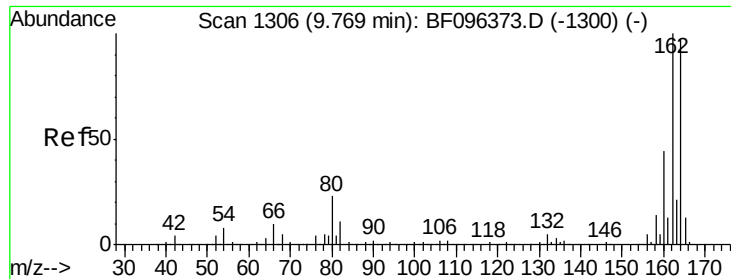


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

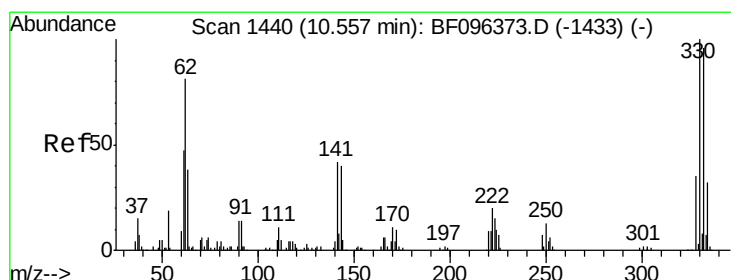
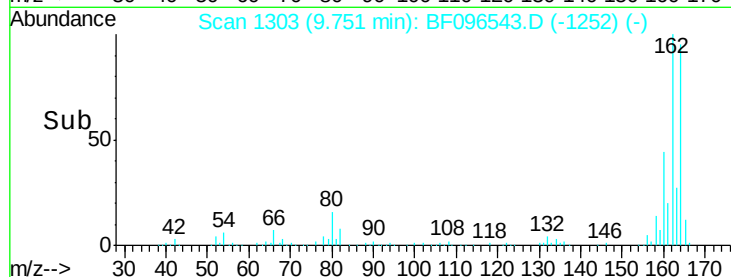
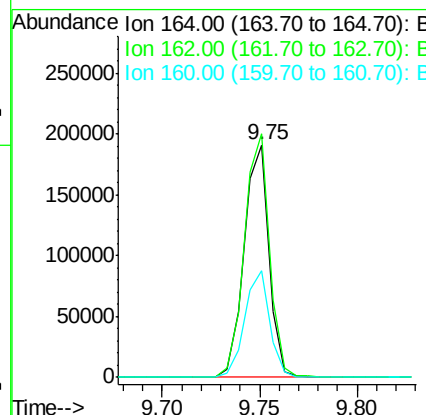
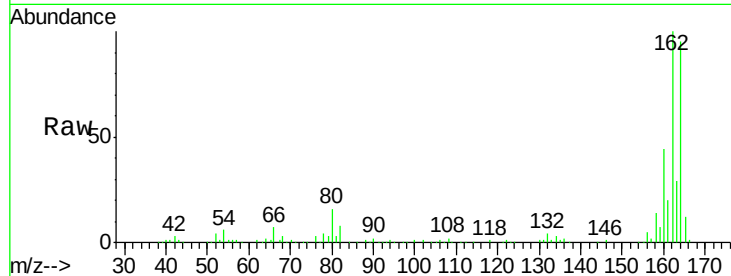




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF096543.D
 Acq: 6 Jul 2017 19:48

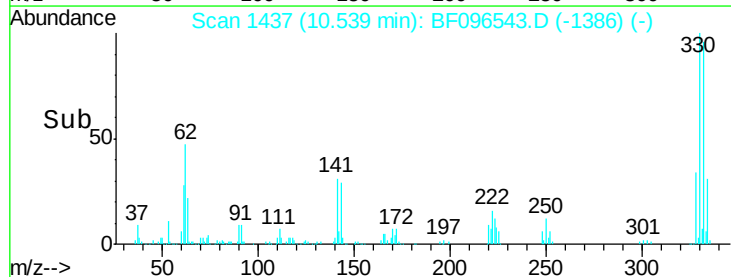
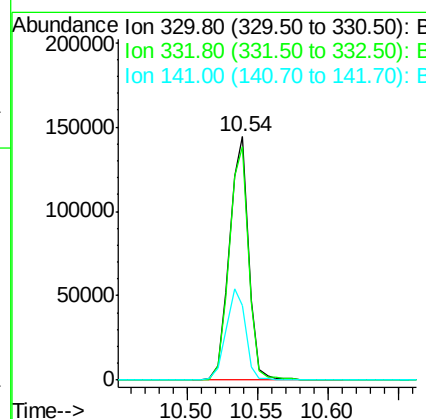
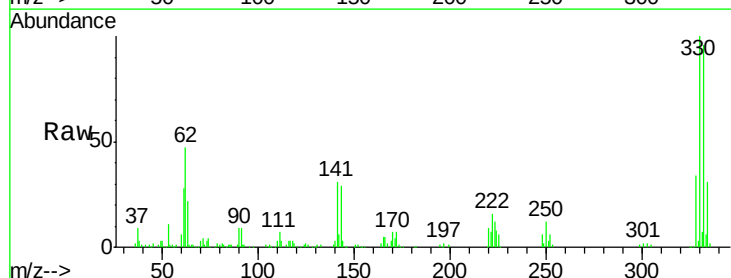
Instrument :
 BNA_F
 ClientSampleId :
 B2-18.5-19

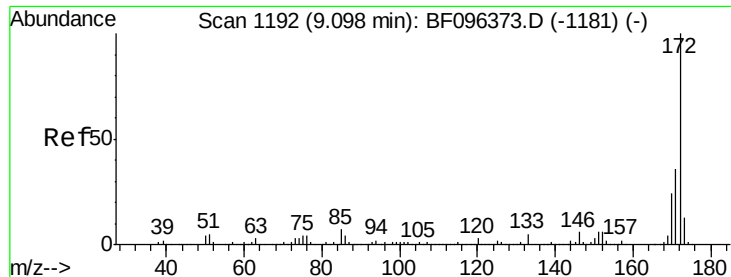
Tgt Ion:164 Resp: 168332
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 46.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 104.022 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF096543.D
 Acq: 6 Jul 2017 19:48

Tgt Ion:330 Resp: 136776
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 37.8 31.4 47.2

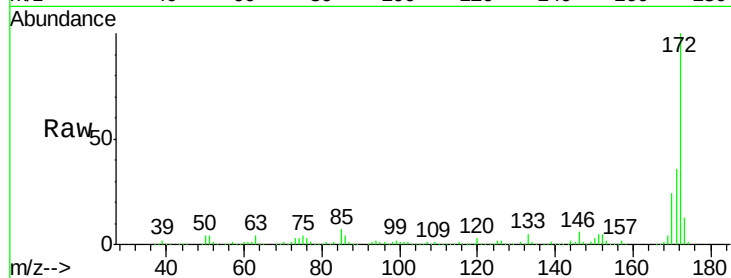




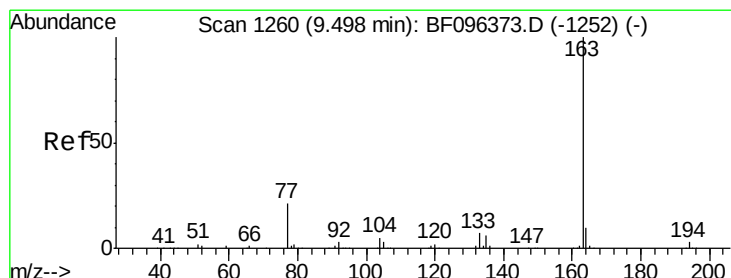
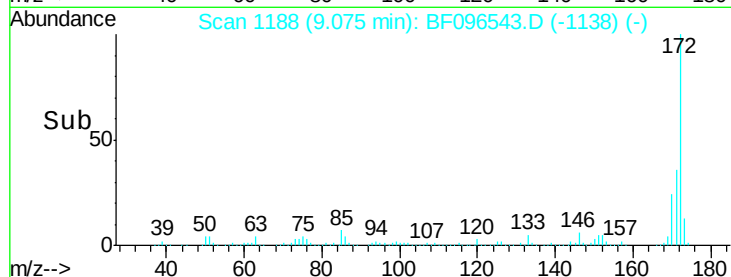
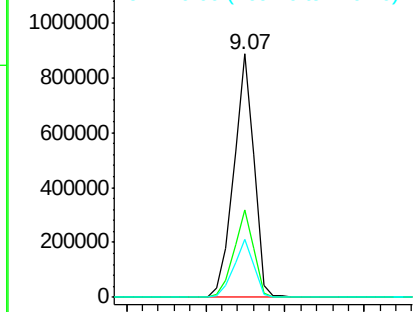
#44
2-Fluorobiphenyl
Concen: 79.747 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096543.D
Acq: 6 Jul 2017 19:48

Instrument :
BNA_F
ClientSampleId :
B2-18.5-19

Tgt Ion:172 Resp: 785132
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.8 19.8 29.8

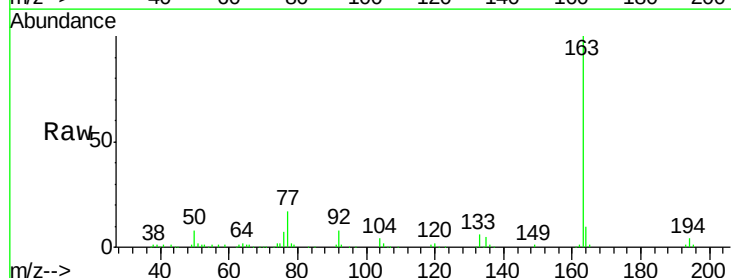


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

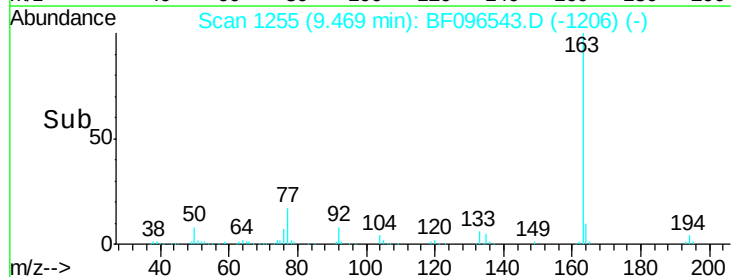
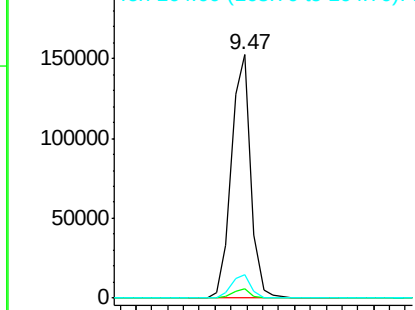


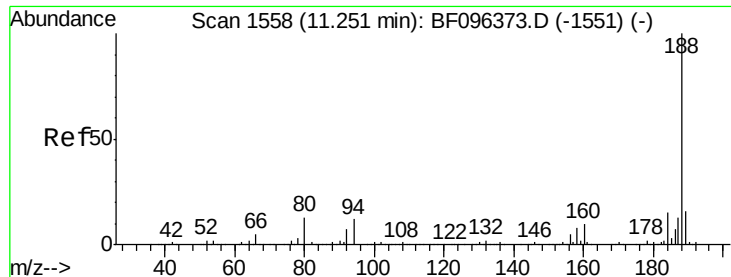
#49
Dimethylphthalate
Concen: 10.283 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096543.D
Acq: 6 Jul 2017 19:48

Tgt Ion:163 Resp: 129220
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.5 8.4 12.6



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

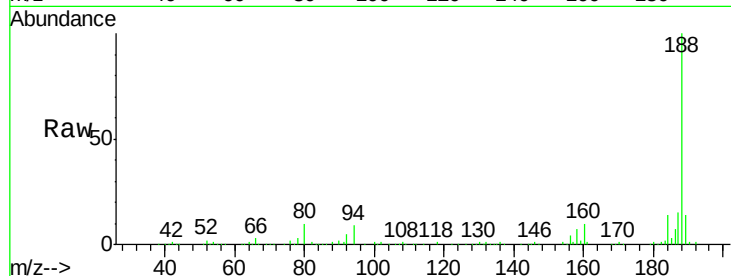




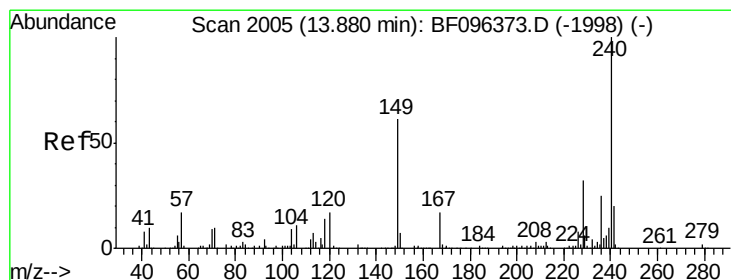
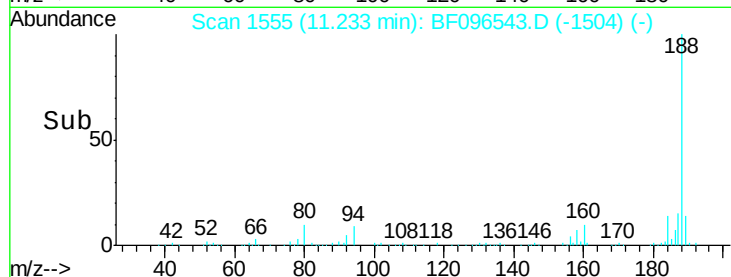
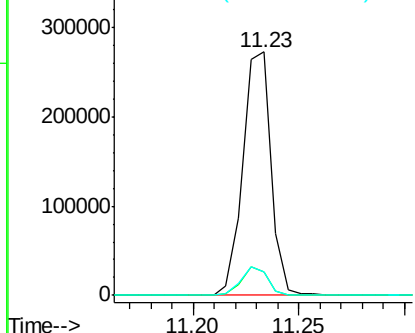
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF096543.D
Acq: 6 Jul 2017 19:48

Instrument :
BNA_F
ClientSampleId :
B2-18.5-19

Tgt Ion:188 Resp: 252319
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 9.7 10.2 15.2#

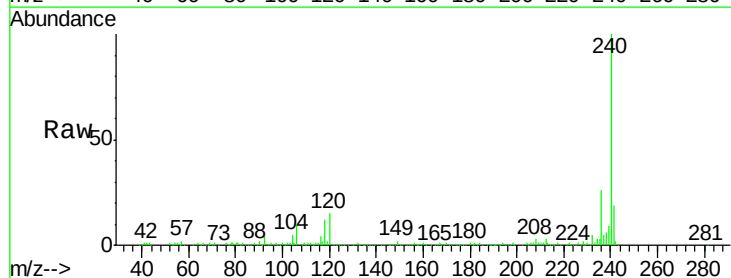


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

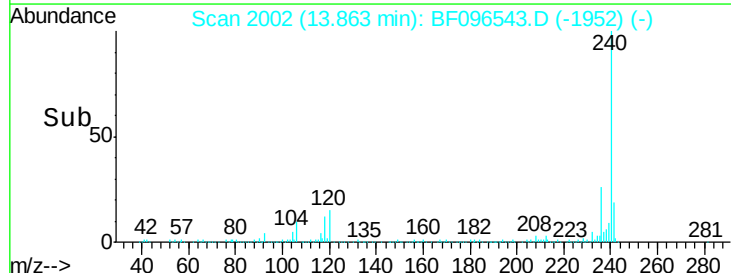
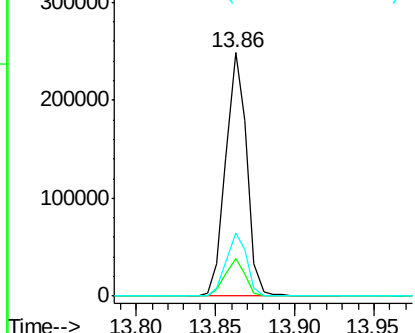


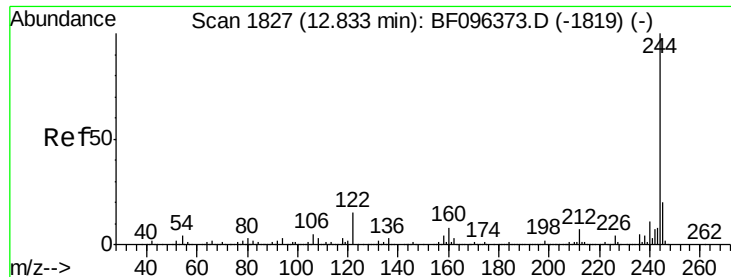
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096543.D
Acq: 6 Jul 2017 19:48

Tgt Ion:240 Resp: 227822
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 26.0 20.5 30.7



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

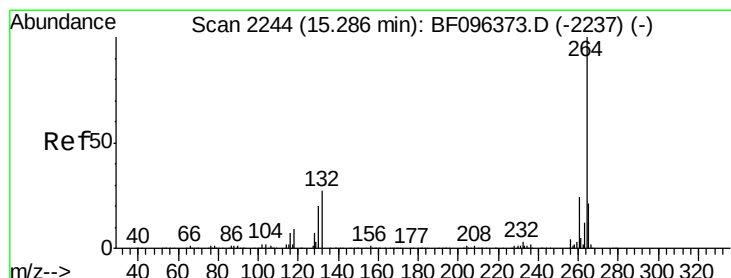
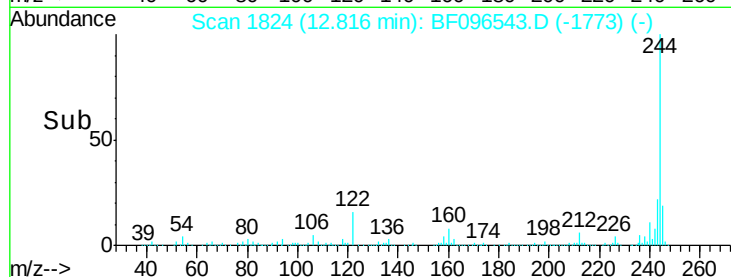
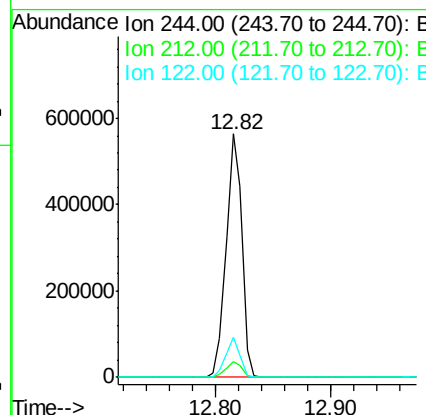
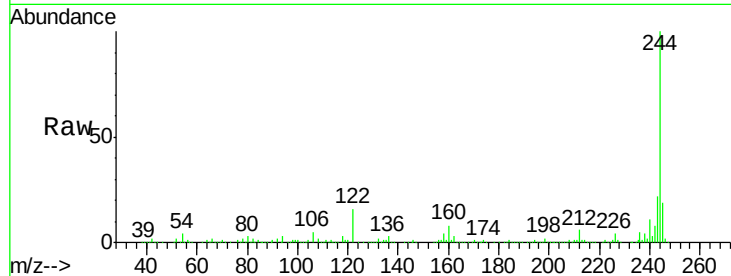




#78
 Terphenyl-d14
 Concen: 49.875 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096543.D
 Acq: 6 Jul 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 B2-18.5-19

Tgt Ion:244 Resp: 531750
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 16.3 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF096543.D
 Acq: 6 Jul 2017 19:48

Tgt Ion:264 Resp: 172644
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.6 17.2 25.8

