

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096562.D
 Acq On : 7 Jul 2017 16:37
 Operator : SJ/MA
 Sample : I4064-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF007-01

Quant Time: Jul 07 18:03:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

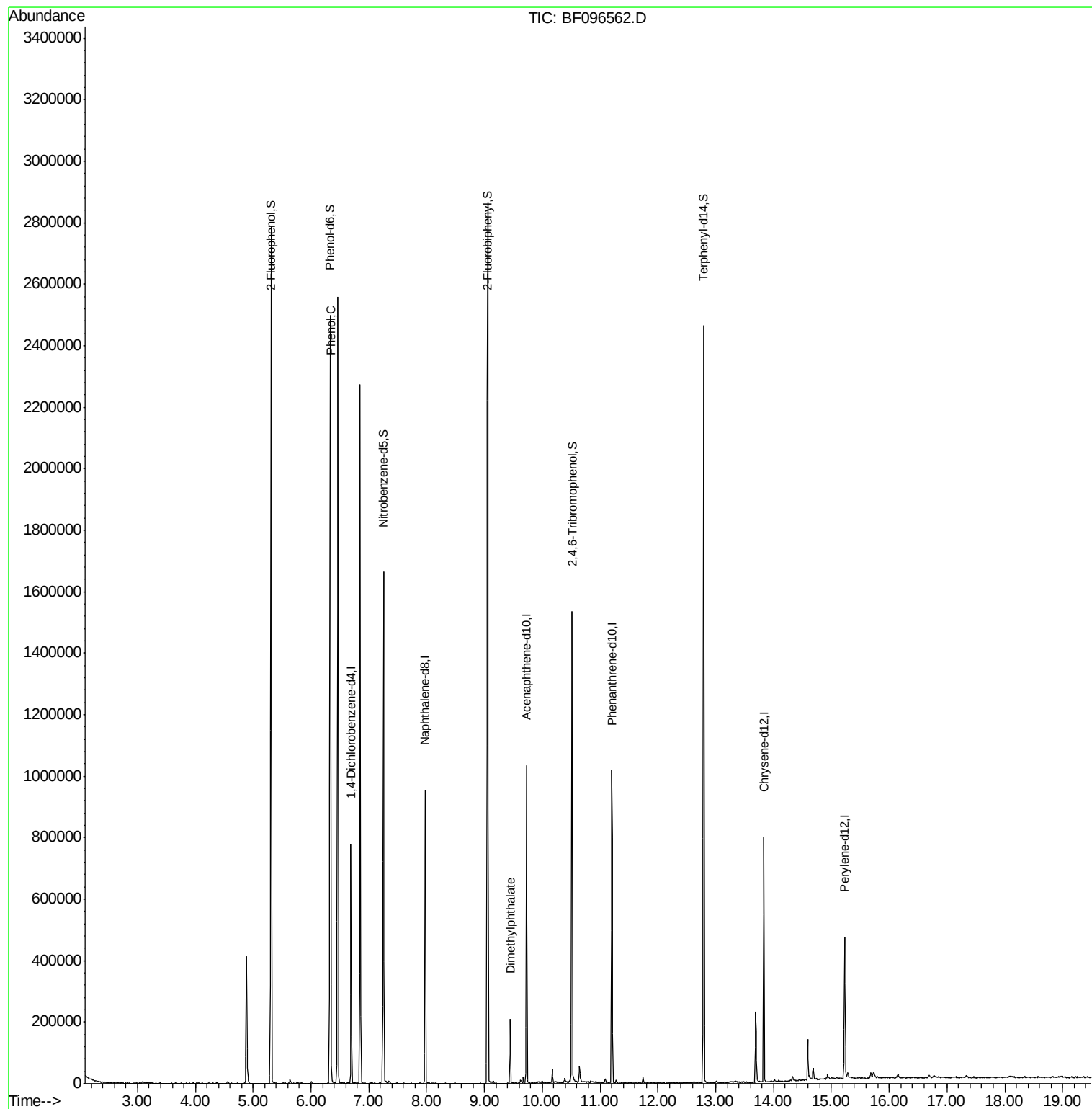
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	113566	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	437924	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	199146	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	360409	20.00	ng	0.00
75) Chrysene-d12	13.83	240	249100	20.00	ng	-0.01
86) Perylene-d12	15.23	264	184967	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	774274	100.63	ng	0.00
7) Phenol-d6	6.33	99	972131	102.77	ng	-0.01
23) Nitrobenzene-d5	7.26	82	497856	68.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	182910	117.58	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	930711	79.91	ng	0.00
78) Terphenyl-d14	12.79	244	819960	70.34	ng	0.00
Target Compounds						
10) Phenol	6.35	94	30490	2.829	ng	93
49) Dimethylphthalate	9.45	163	80289	5.401	ng	99

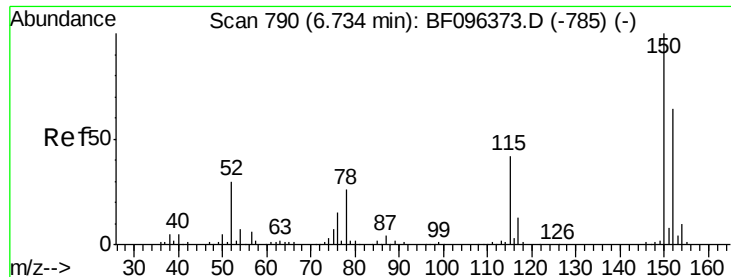
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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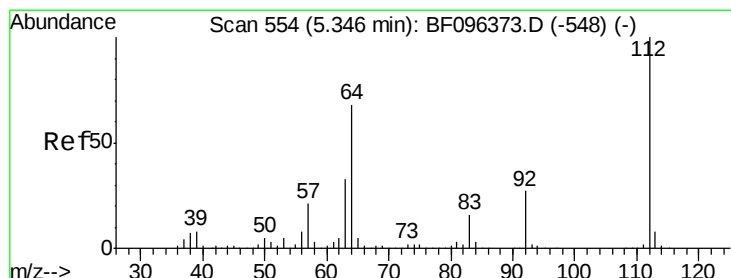
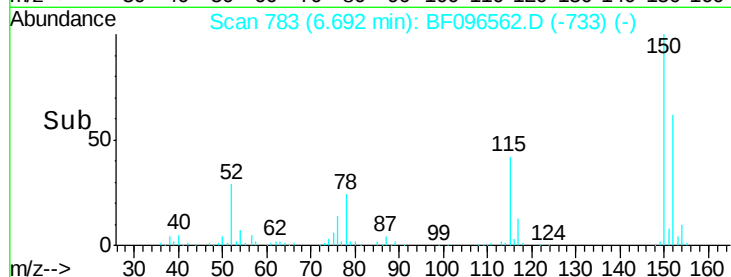
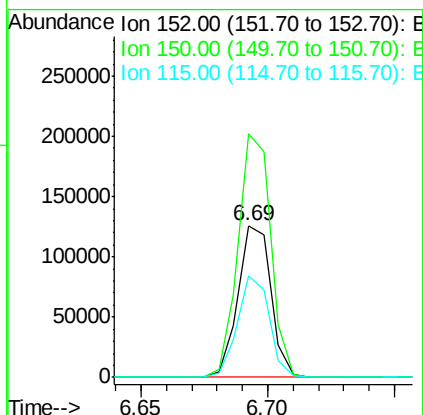
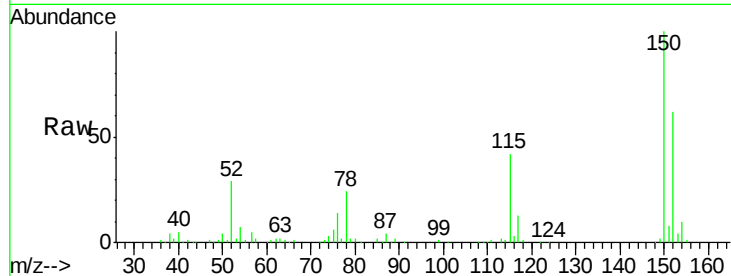


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PET-BF007-01

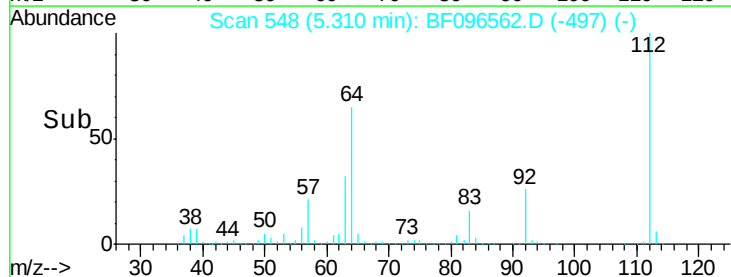
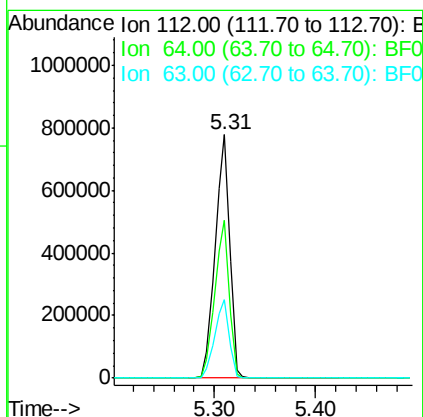
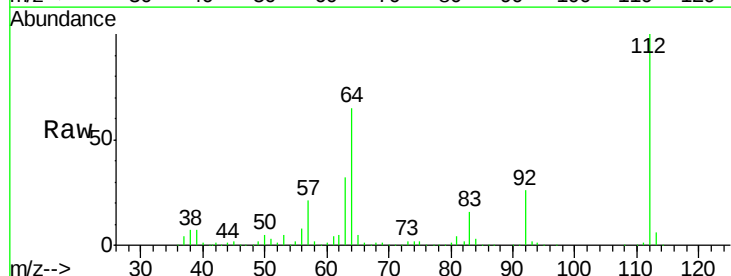
Tgt Ion:152 Resp: 113566
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 66.9 52.2 78.2

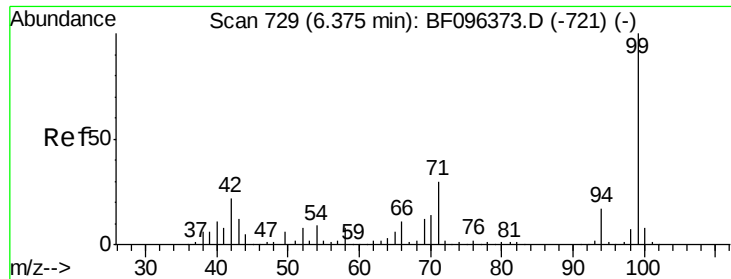


#5

2-Fluorophenol
Concen: 100.629 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Tgt Ion:112 Resp: 774274
Ion Ratio Lower Upper
112 100
64 64.9 46.0 69.0
63 32.5 23.4 35.0





#7

Phenol-d6

Concen: 102.771 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096562.D

Acq: 7 Jul 2017 16:37

Instrument :

BNA_F

ClientSampleId :

PET-BF007-01

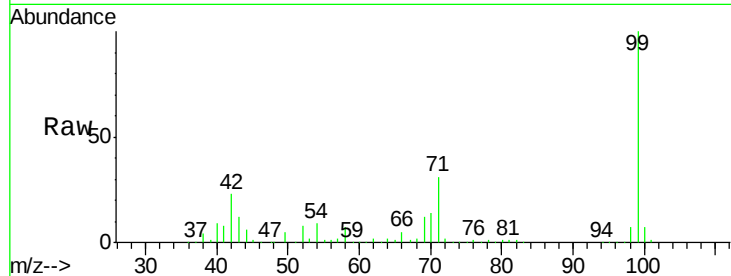
Tgt Ion: 99 Resp: 972131

Ion Ratio Lower Upper

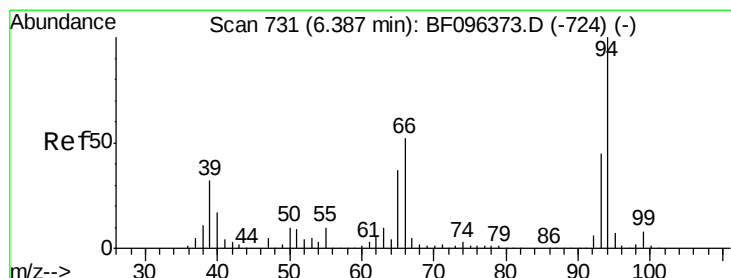
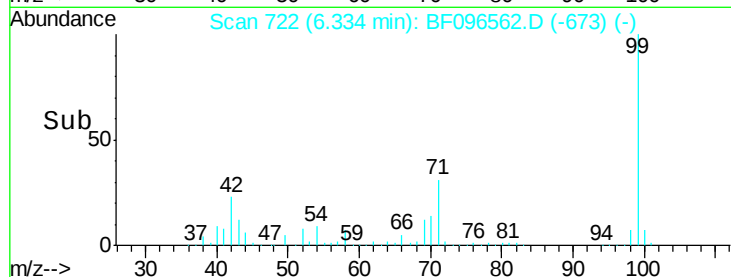
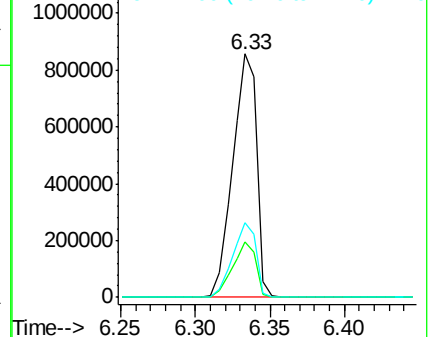
99 100

42 22.5 13.5 20.3#

71 30.8 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: 2.829 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096562.D

Acq: 7 Jul 2017 16:37

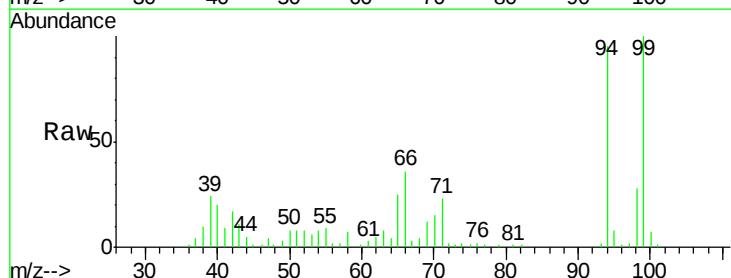
Tgt Ion: 94 Resp: 30490

Ion Ratio Lower Upper

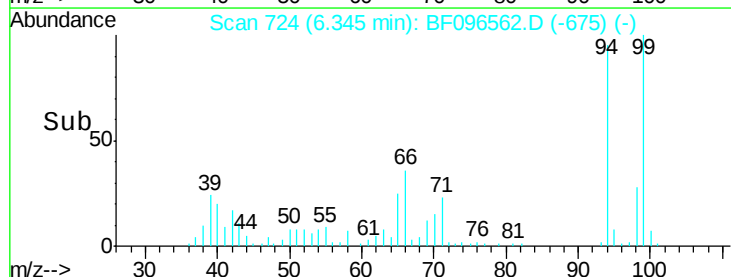
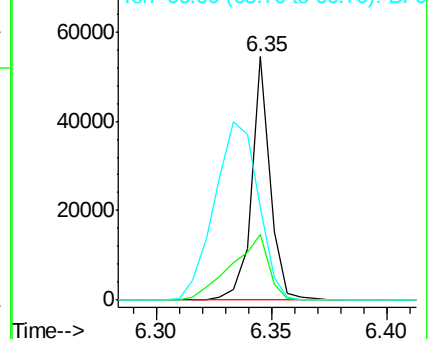
94 100

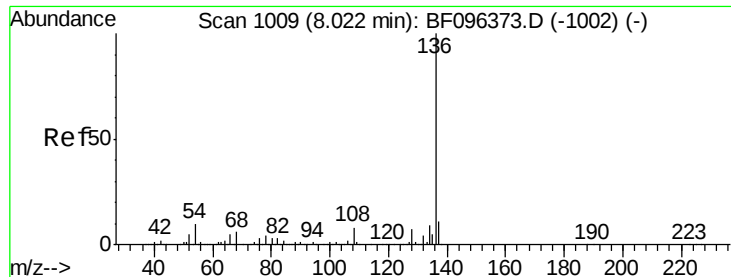
65 26.8 9.9 49.9

66 37.8 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

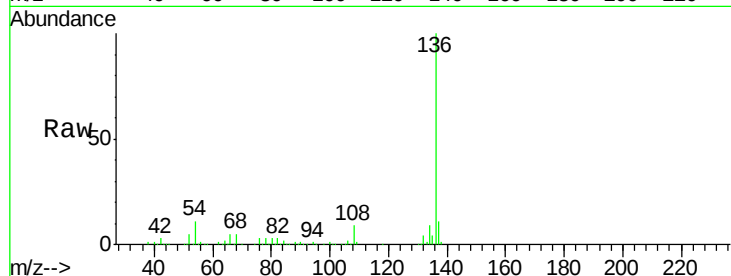




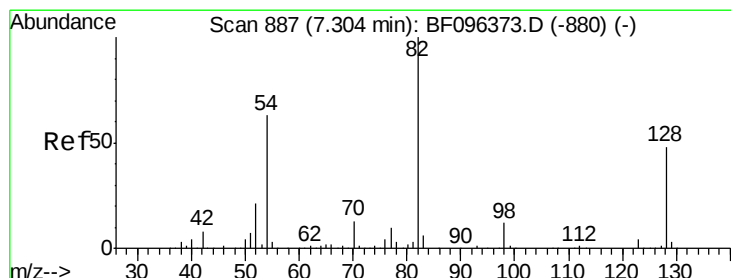
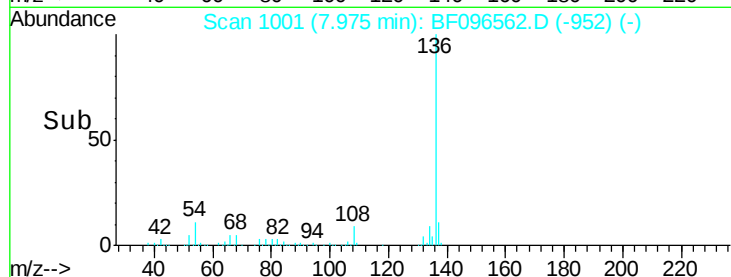
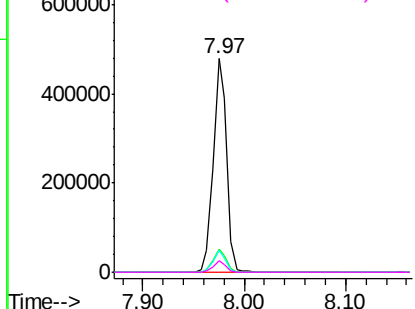
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PET-BF007-01

Tgt Ion: 136 Resp: 437924
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.5 4.9 7.3#
68 5.2 4.1 6.1

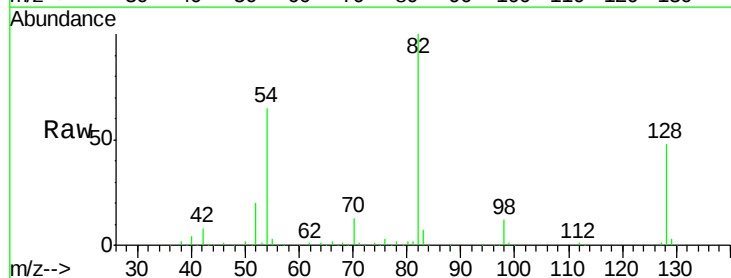


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

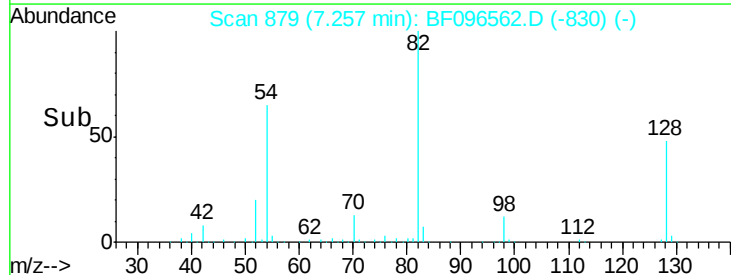
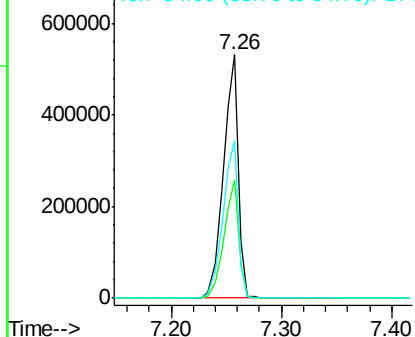


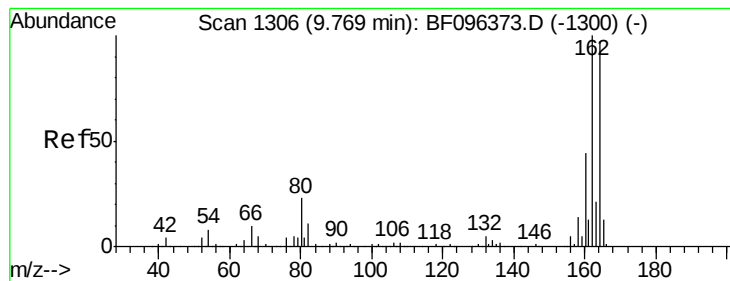
#23
Nitrobenzene-d5
Concen: 68.315 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Tgt Ion: 82 Resp: 497856
Ion Ratio Lower Upper
82 100
128 48.5 34.0 51.0
54 64.9 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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096562.D

Acq: 7 Jul 2017 16:37

Instrument :

BNA_F

ClientSampleId :

PET-BF007-01

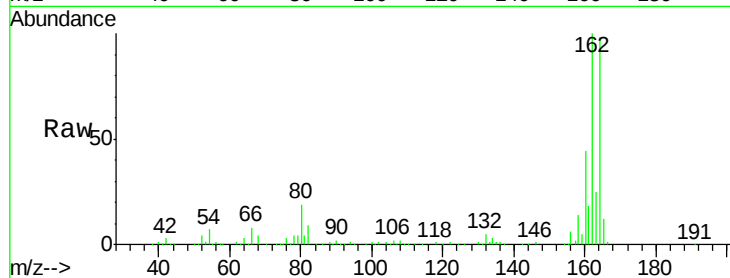
Tgt Ion:164 Resp: 199146

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

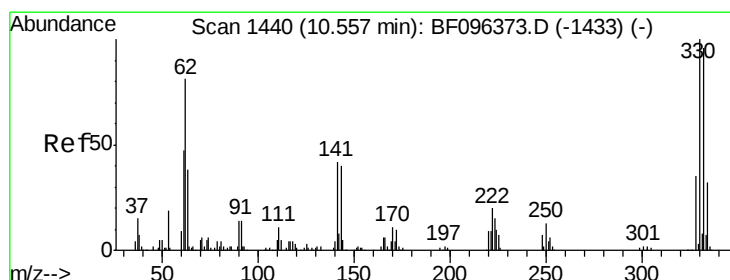
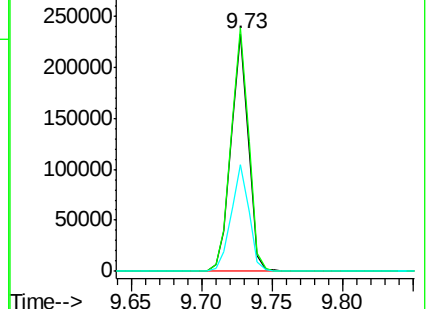
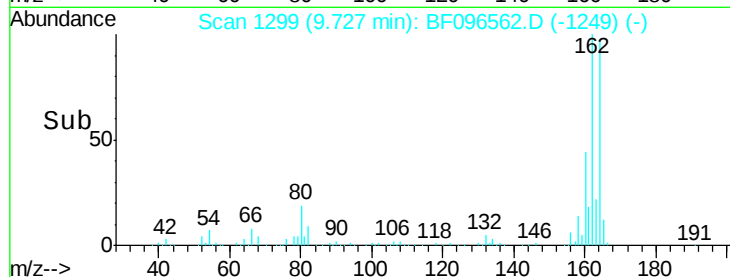
160 45.1 36.2 54.2



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: 117.584 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096562.D

Acq: 7 Jul 2017 16:37

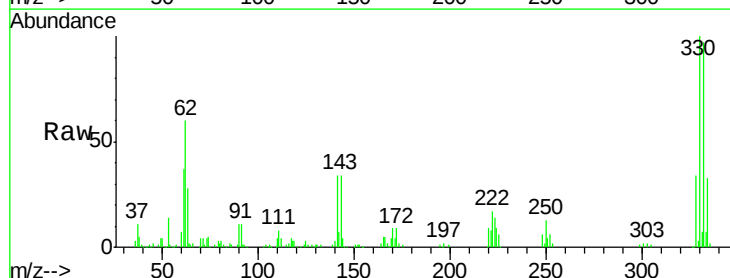
Tgt Ion:330 Resp: 182910

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

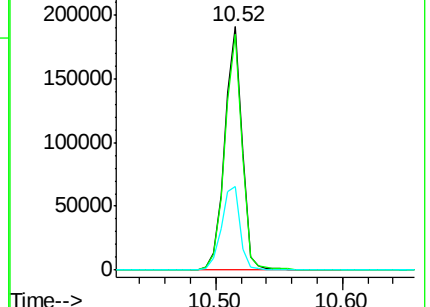
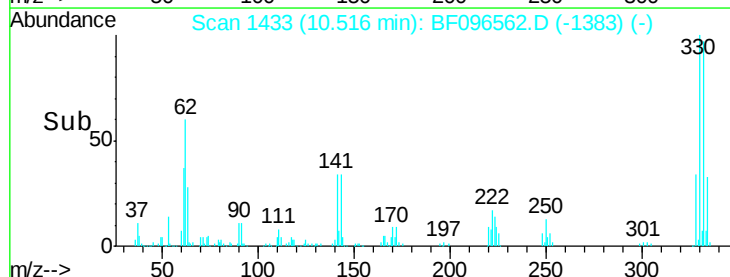
141 36.9 31.4 47.2

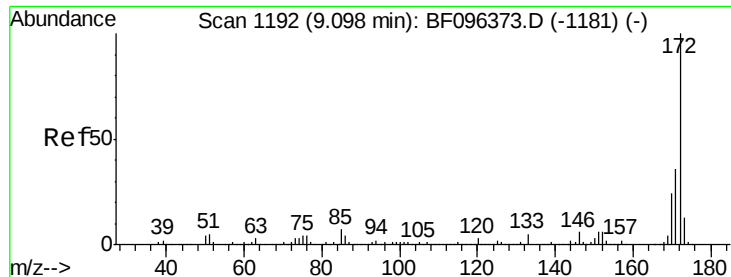


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

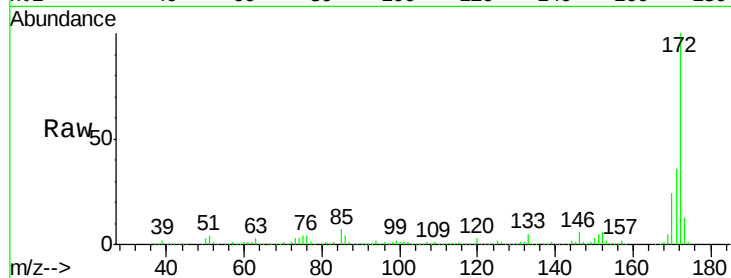




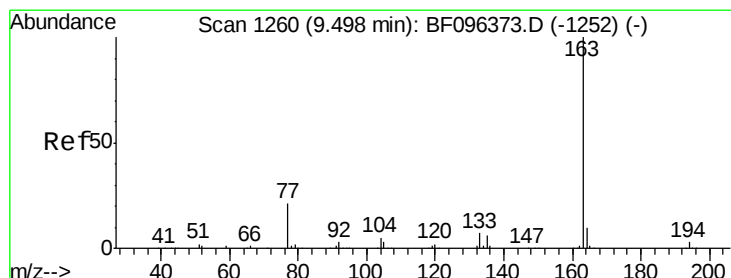
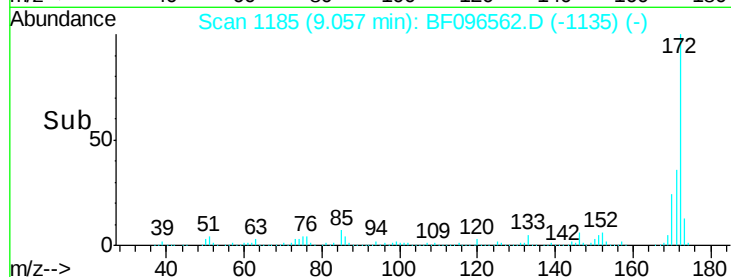
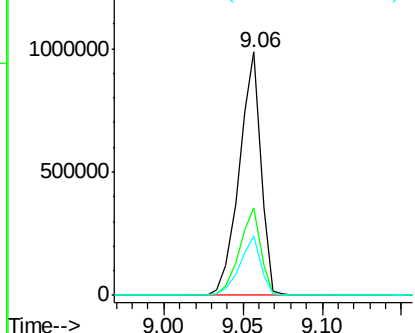
#44
 2-Fluorobiphenyl
 Concen: 79.906 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF007-01

Tgt Ion:172 Resp: 930711
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.1 19.8 29.8

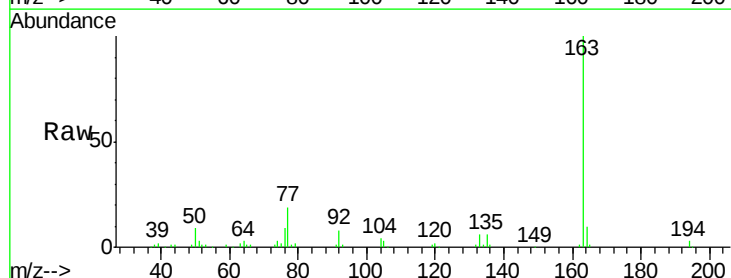


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

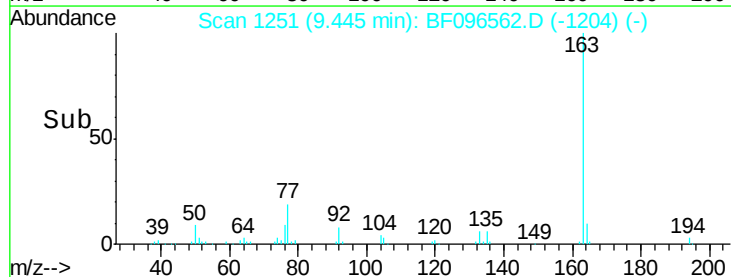
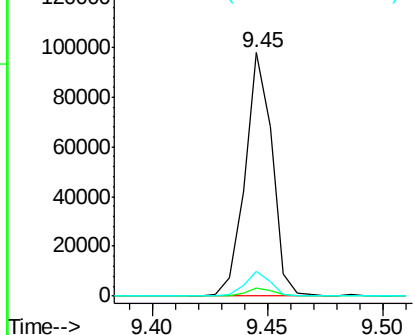


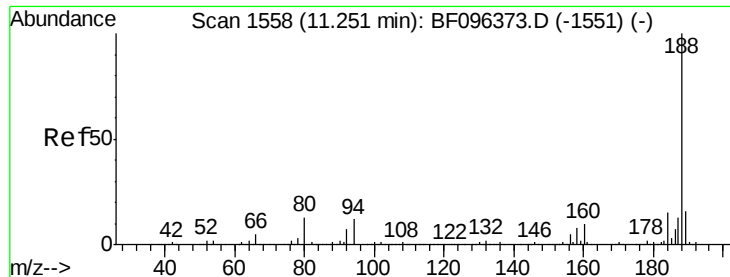
#49
 Dimethylphthalate
 Concen: 5.401 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

Tgt Ion:163 Resp: 80289
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.1 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

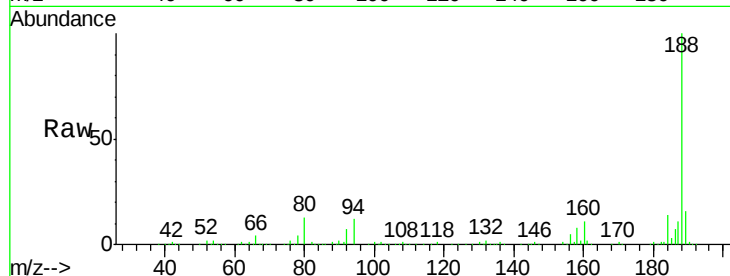




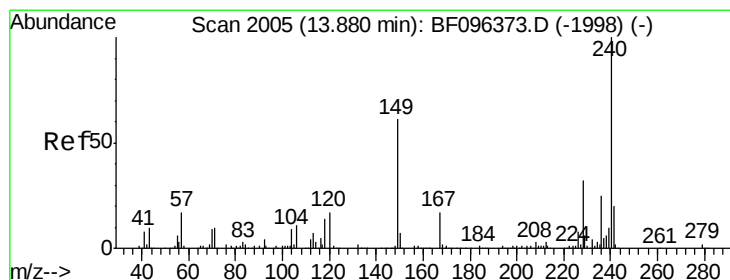
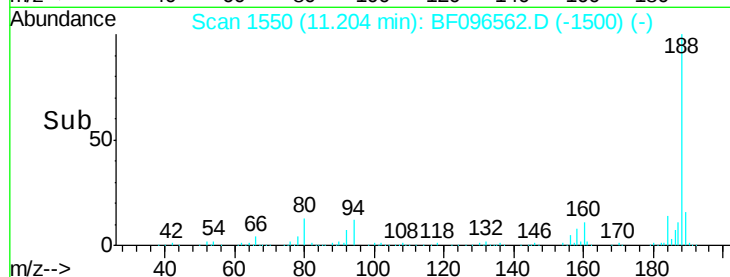
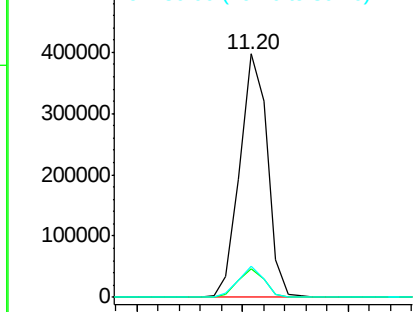
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PET-BF007-01

Tgt Ion:188 Resp: 360409
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.5 10.2 15.2

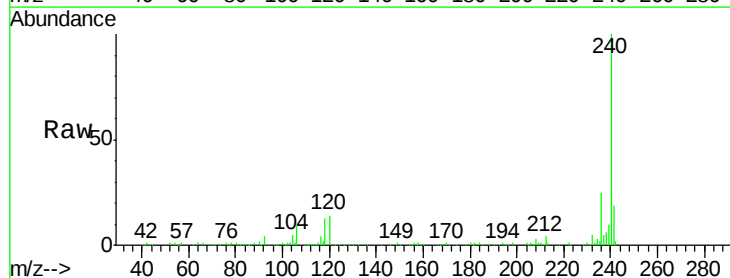


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

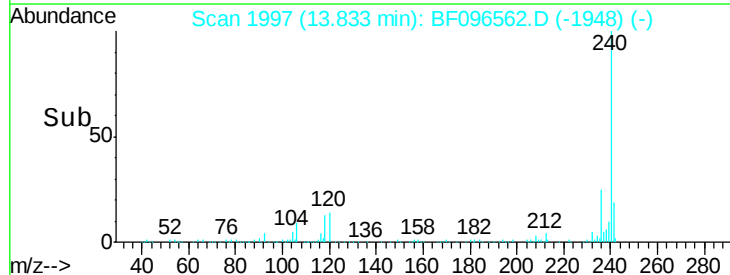
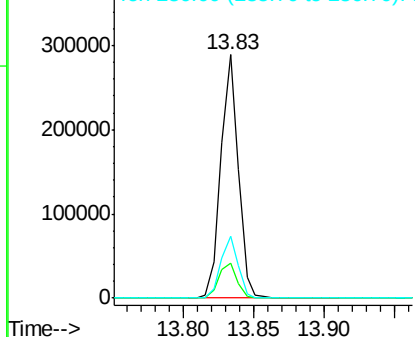


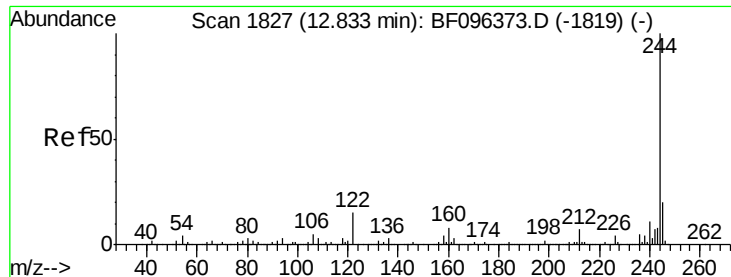
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Tgt Ion:240 Resp: 249100
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.4 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

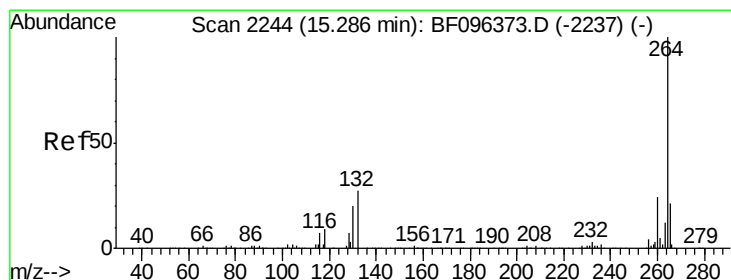
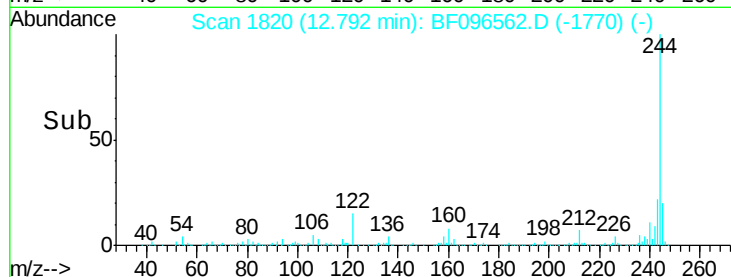
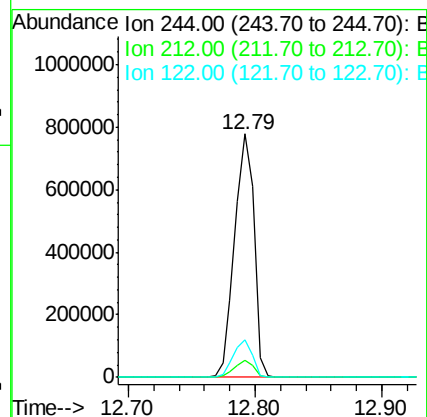
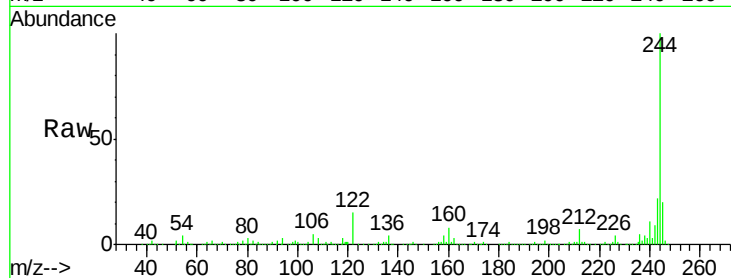




#78
 Terphenyl-d14
 Concen: 70.338 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF007-01

Tgt Ion:244 Resp: 819960
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.5 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

Tgt Ion:264 Resp: 184967
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 20.5 17.2 25.8

