

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102394.D
 Acq On : 24 Jan 2018 17:24
 Operator : SJ/JU
 Sample : J1250-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-15(0-2)

Quant Time: Jan 25 00:39:15 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

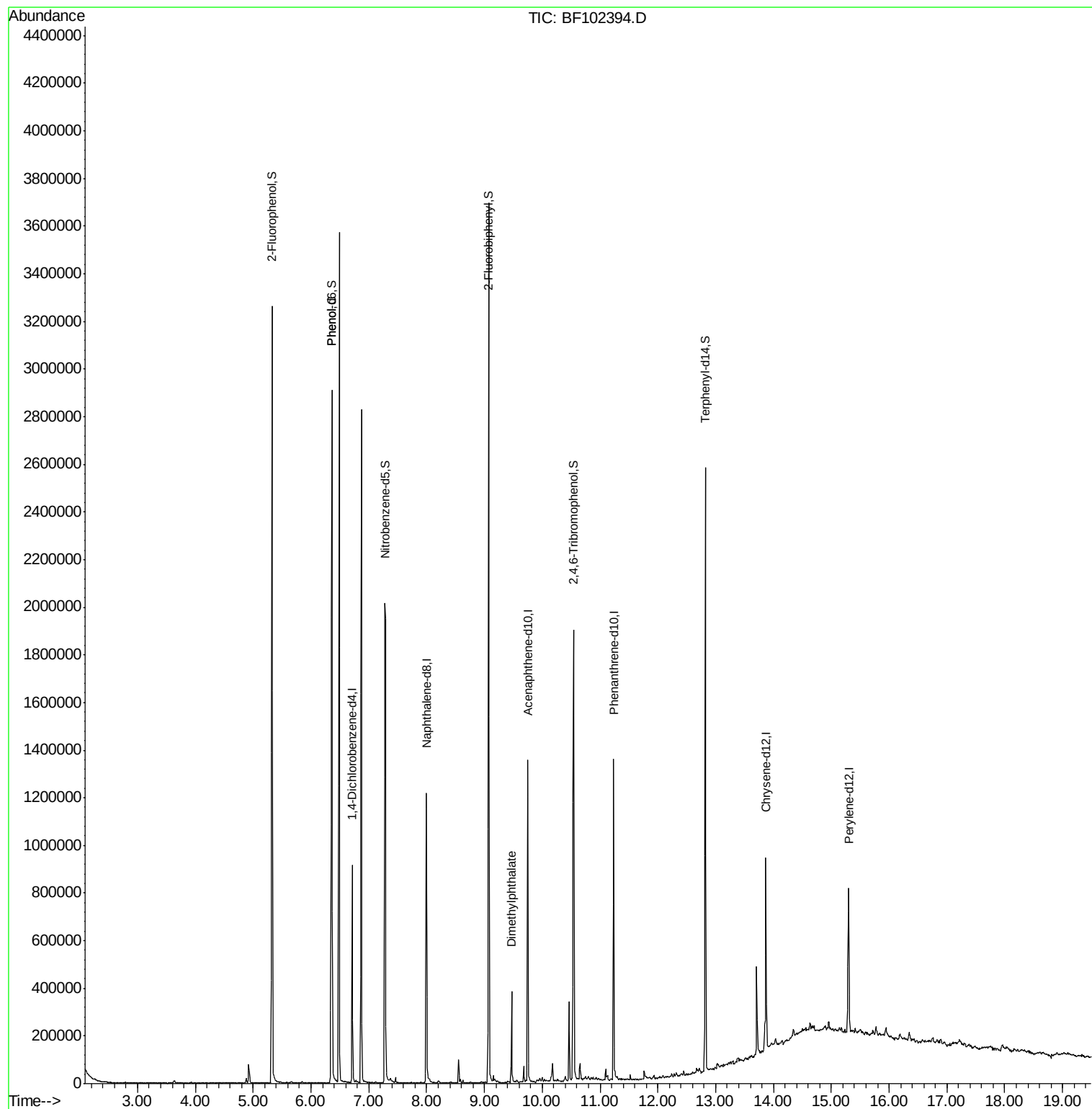
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148438	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	605908	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	272731	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	447044	20.00	ng	0.00
75) Chrysene-d12	13.87	240	285458	20.00	ng	0.00
86) Perylene-d12	15.30	264	270781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	998679	102.01	ng	0.00
7) Phenol-d6	6.36	99	1217543	103.16	ng	0.00
23) Nitrobenzene-d5	7.28	82	775052	73.51	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	226951	83.98	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1162745	62.69	ng	0.00
78) Terphenyl-d14	12.82	244	841273	66.44	ng	0.00
Target Compounds						
10) Phenol	6.37	94	62391	4.842	ng	94
49) Dimethylphthalate	9.47	163	153177	6.795	ng	99

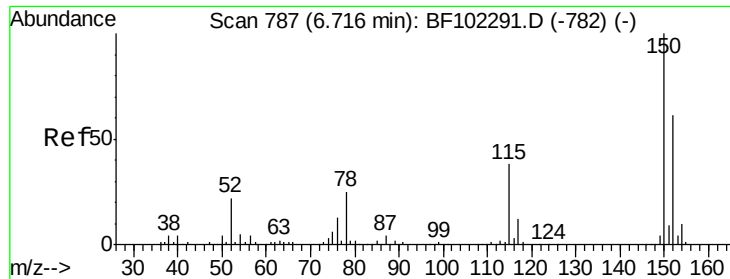
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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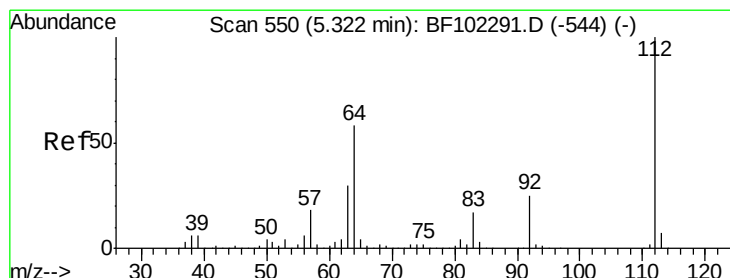
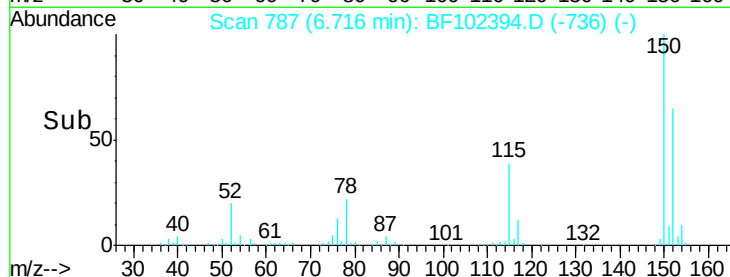
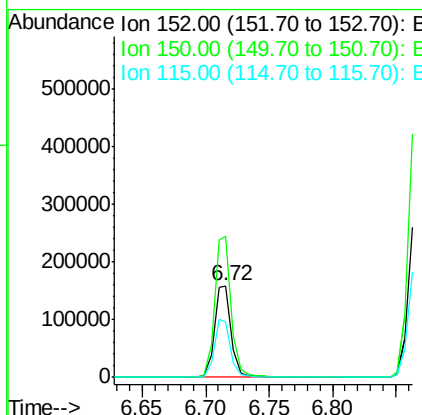
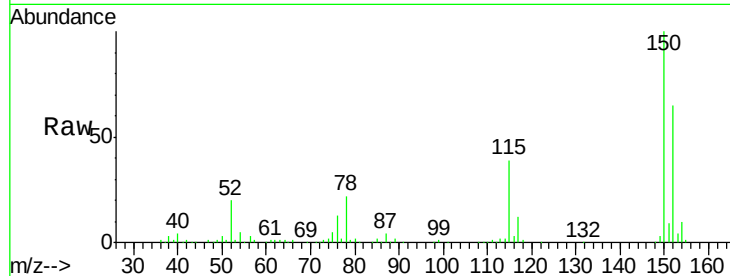


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102394.D
Acq: 24 Jan 2018 17:24

Instrument :
BNA_F
ClientSampleId :
AB-15(0-2)

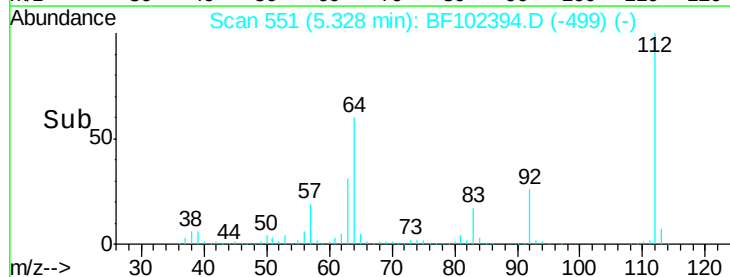
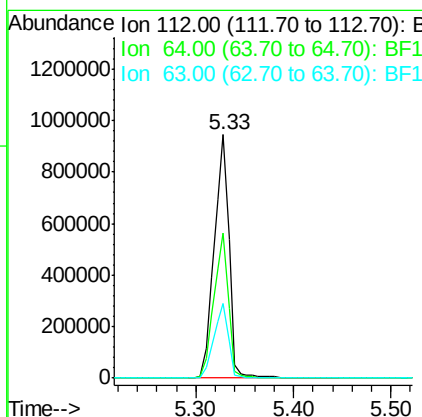
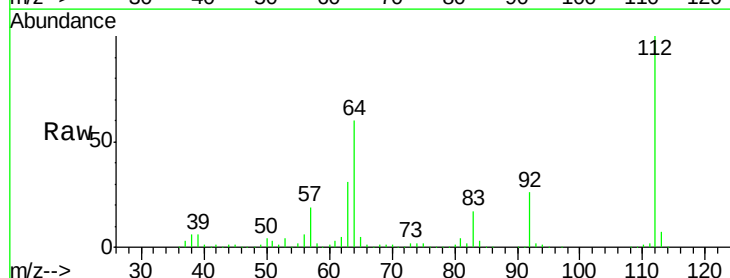
Tgt Ion:152 Resp: 148438
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.2 50.1 75.1

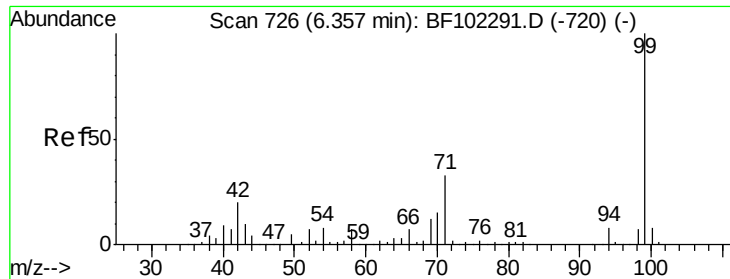


#5

2-Fluorophenol
Concen: 102.013 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102394.D
Acq: 24 Jan 2018 17:24

Tgt Ion:112 Resp: 998679
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 103.160 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102394.D

Acq: 24 Jan 2018 17:24

Instrument :

BNA_F

ClientSampled :

AB-15(0-2)

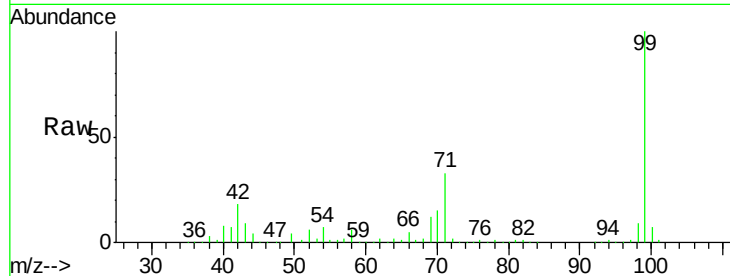
Tgt Ion: 99 Resp: 1217543

Ion Ratio Lower Upper

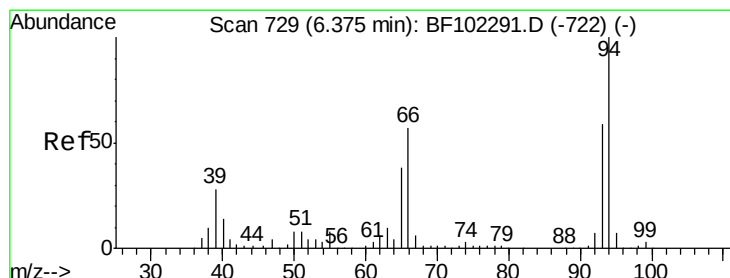
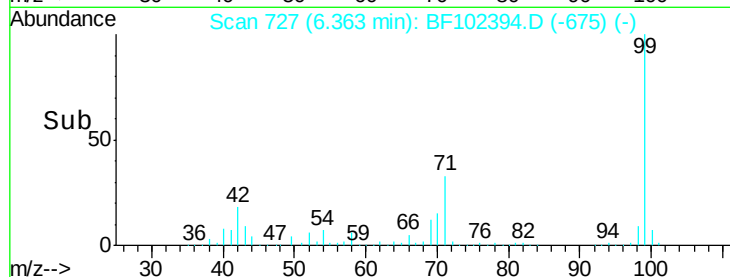
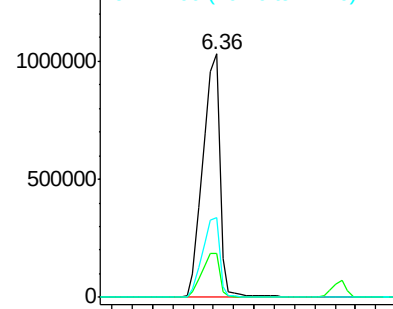
99 100

42 18.1 14.5 21.7

71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.842 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102394.D

Acq: 24 Jan 2018 17:24

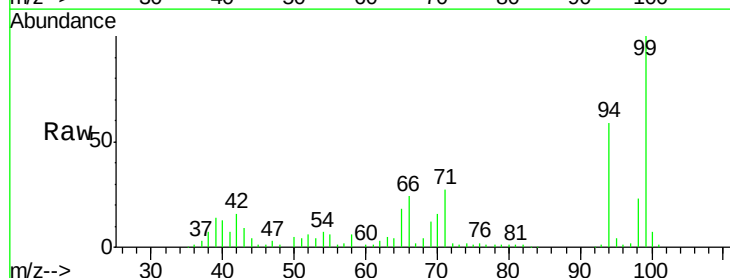
Tgt Ion: 94 Resp: 62391

Ion Ratio Lower Upper

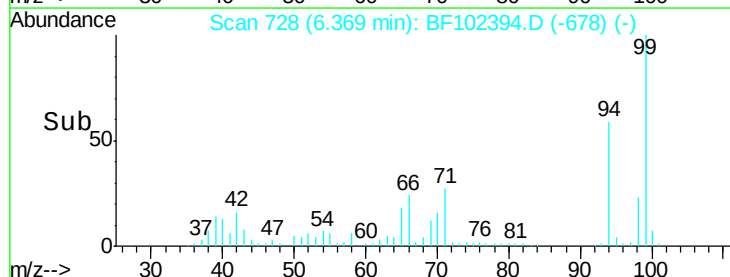
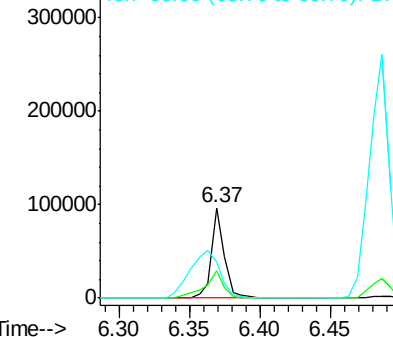
94 100

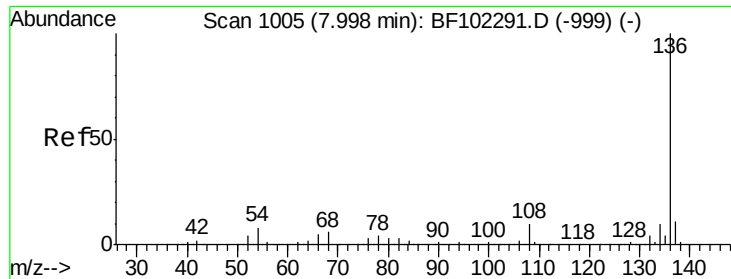
65 29.8 7.9 47.9

66 40.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

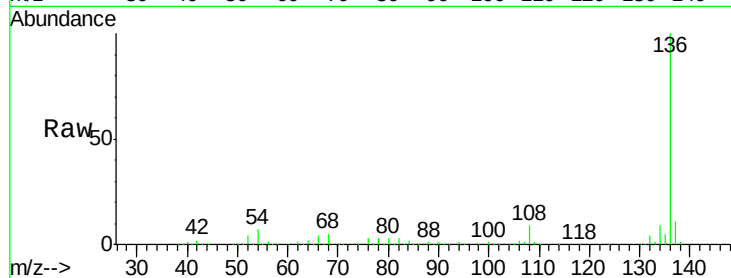




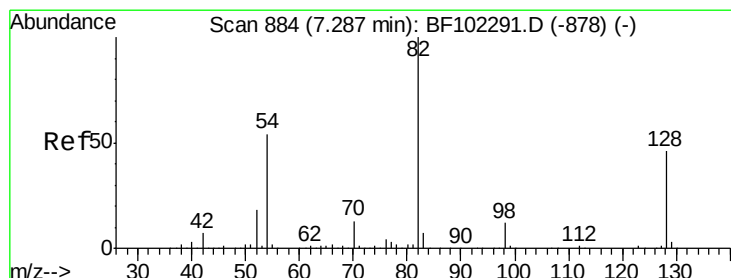
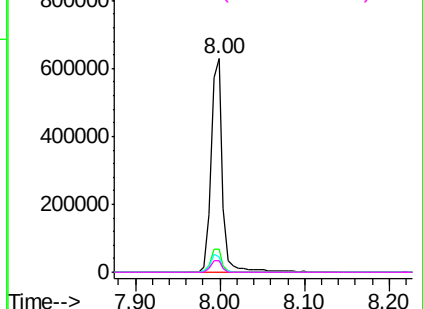
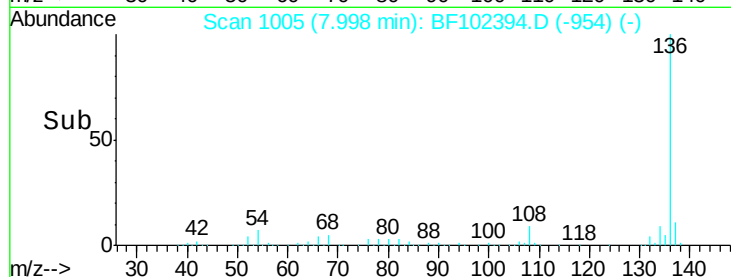
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102394.D
Acq: 24 Jan 2018 17:24

Instrument :
BNA_F
ClientSampleId :
AB-15(0-2)

Tgt Ion:	136	Resp:	605908
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	5.4	5.0	7.4

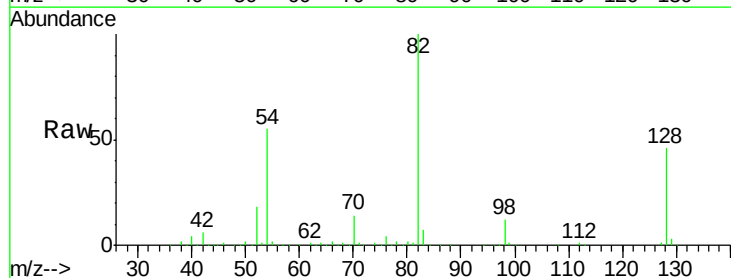


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

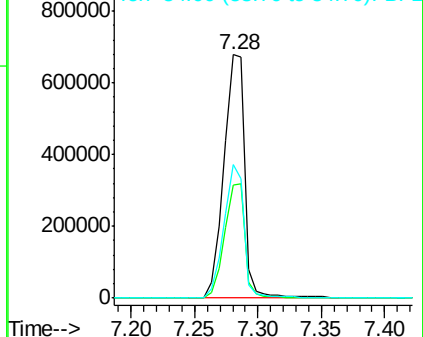
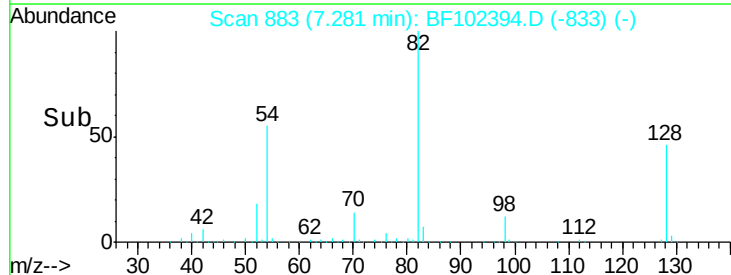


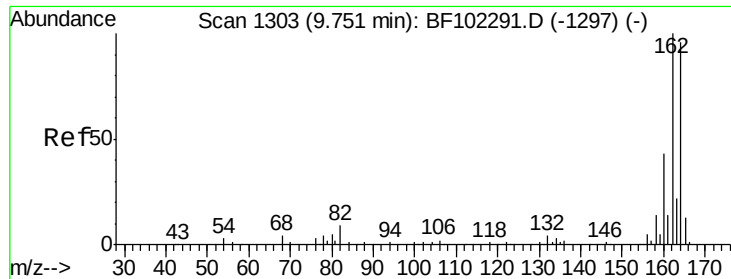
#23
Nitrobenzene-d5
Concen: 73.509 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102394.D
Acq: 24 Jan 2018 17:24

Tgt Ion:	82	Resp:	775052
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	54.7	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102394.D

Acq: 24 Jan 2018 17:24

Instrument :

BNA_F

ClientSampleId :

AB-15(0-2)

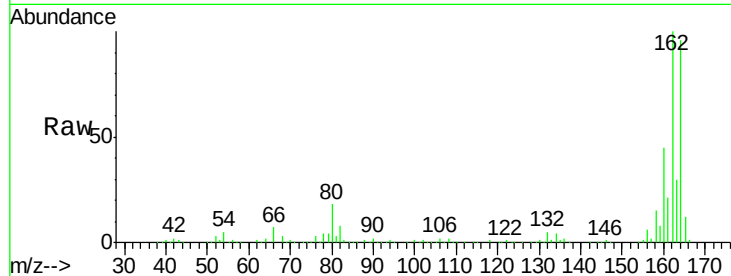
Tgt Ion:164 Resp: 272731

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

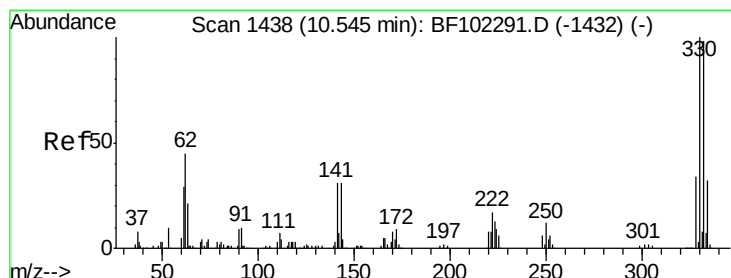
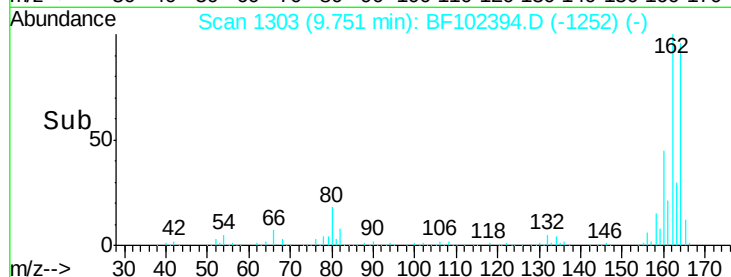
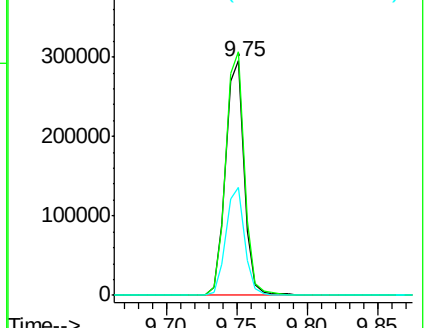
160 46.3 38.3 57.5



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: 83.982 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102394.D

Acq: 24 Jan 2018 17:24

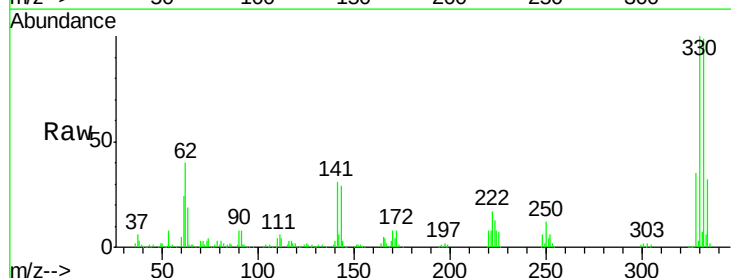
Tgt Ion:330 Resp: 226951

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

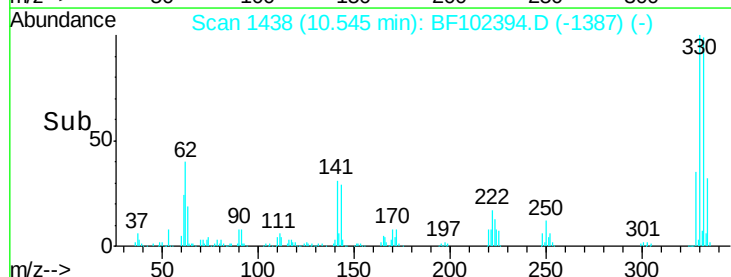
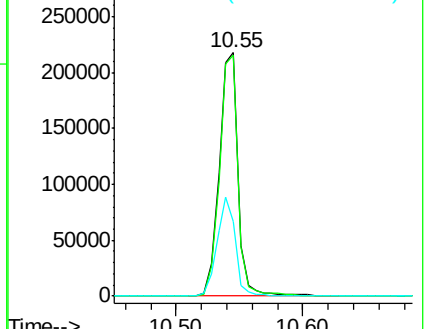
141 40.0 29.9 44.9

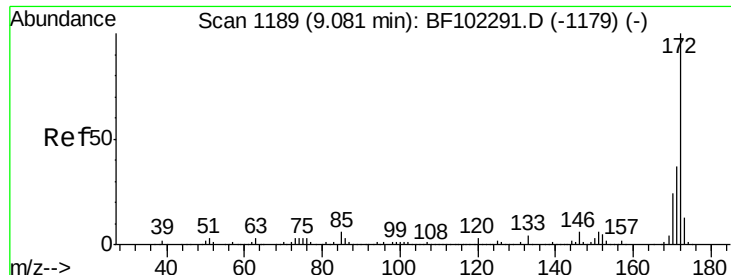


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

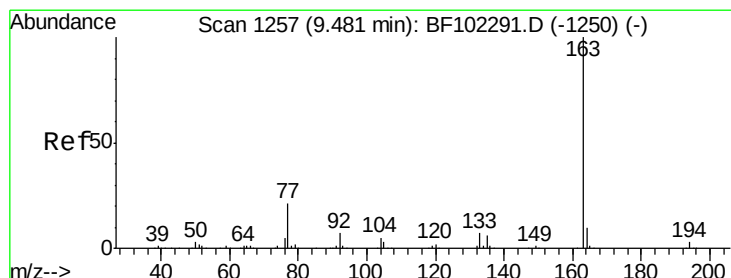
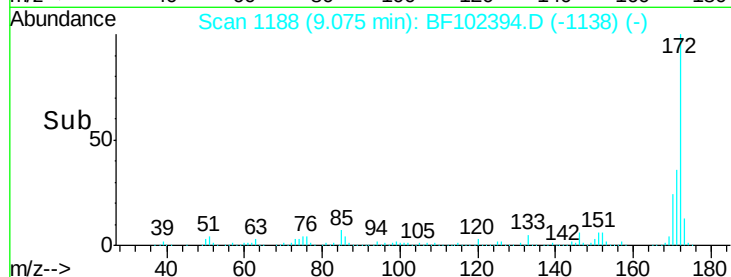
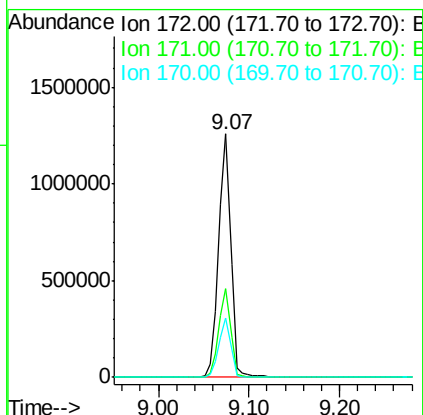
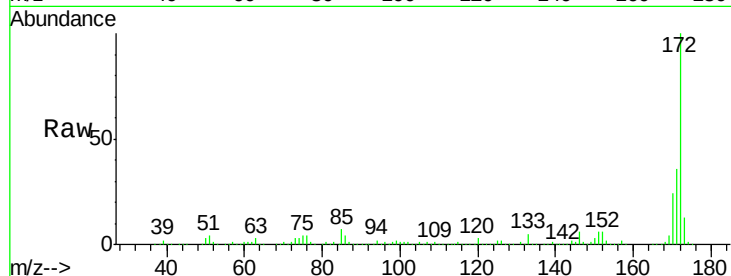




#44
 2-Fluorobiphenyl
 Concen: 62.686 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102394.D
 Acq: 24 Jan 2018 17:24

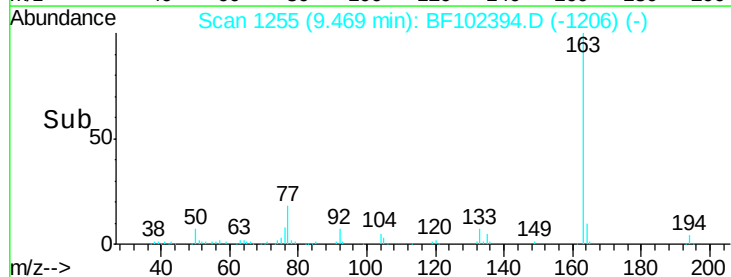
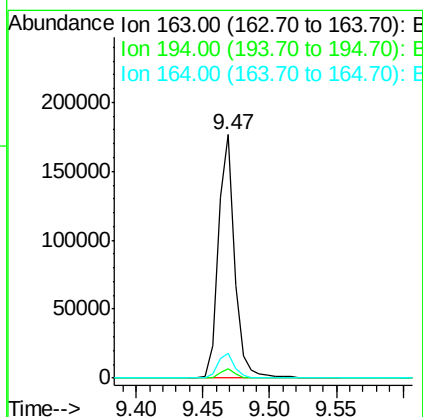
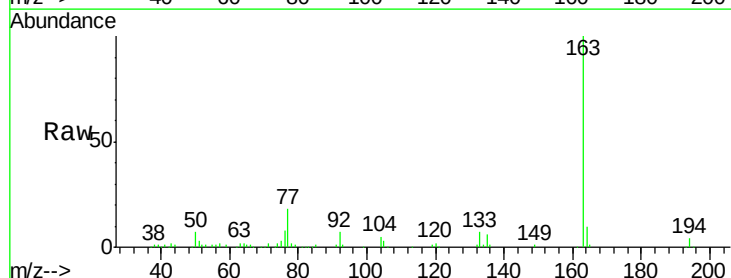
Instrument :
 BNA_F
 ClientSampleId :
 AB-15(0-2)

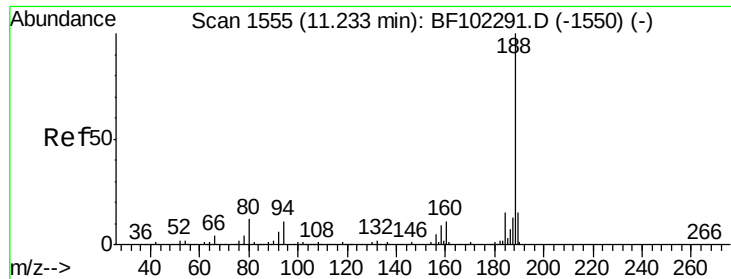
Tgt Ion:172 Resp: 1162745
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.4 19.6 29.4



#49
 Dimethylphthalate
 Concen: 6.795 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102394.D
 Acq: 24 Jan 2018 17:24

Tgt Ion:163 Resp: 153177
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 10.0 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102394.D

Acq: 24 Jan 2018 17:24

Instrument :

BNA_F

ClientSampleId :

AB-15(0-2)

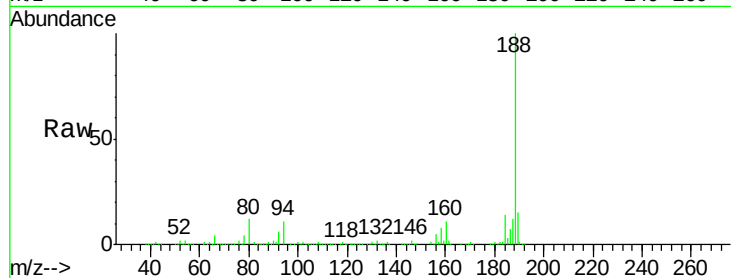
Tgt Ion:188 Resp: 447044

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

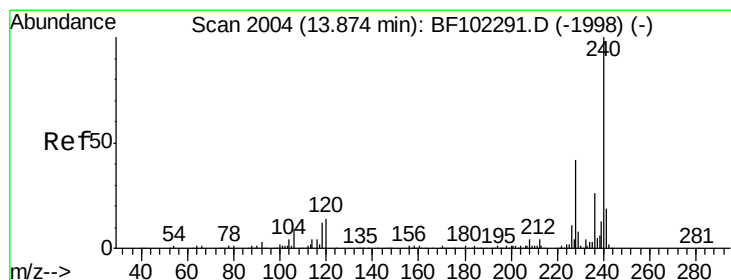
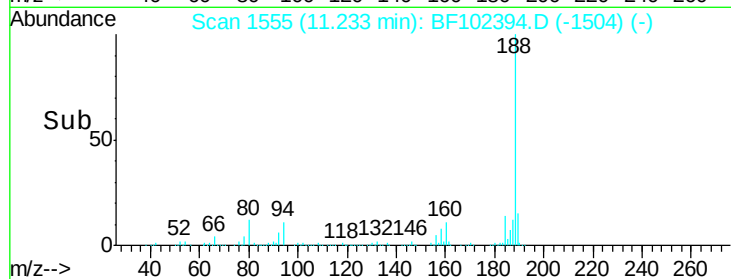
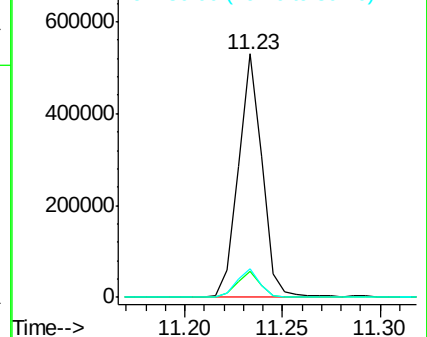
80 11.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102394.D

Acq: 24 Jan 2018 17:24

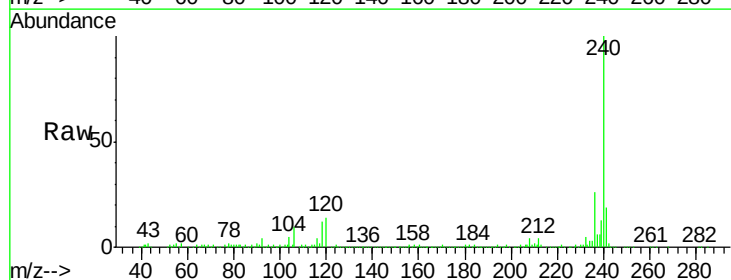
Tgt Ion:240 Resp: 285458

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

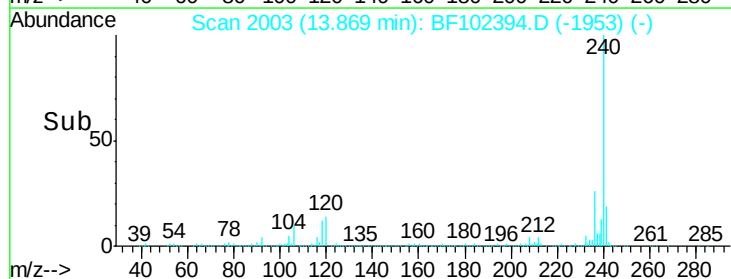
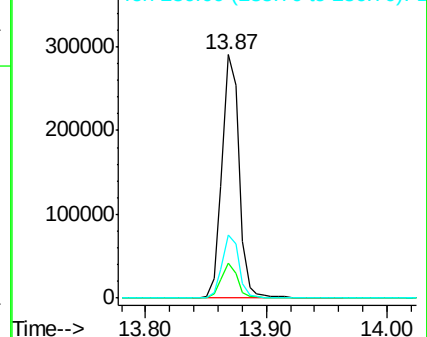
236 26.1 20.7 31.1

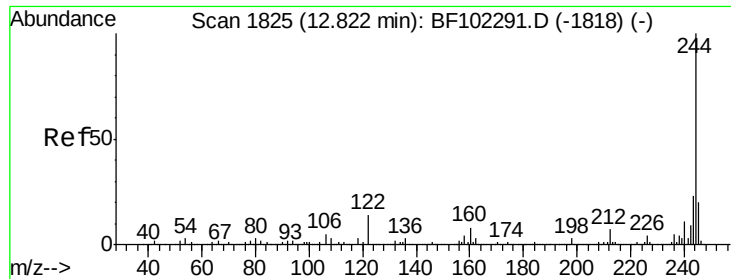


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

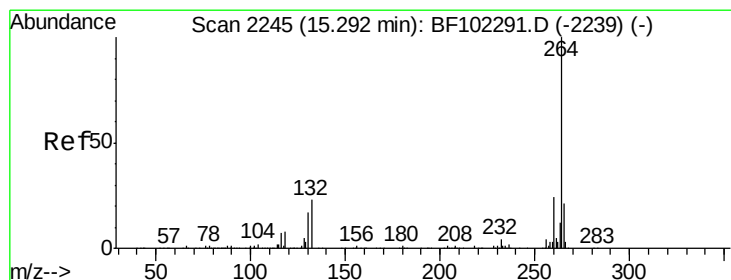
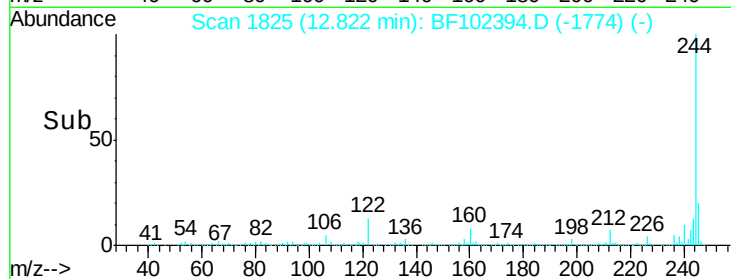
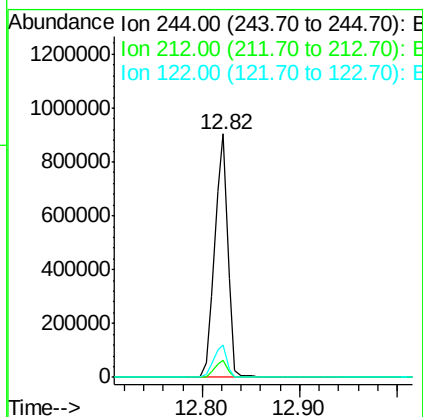
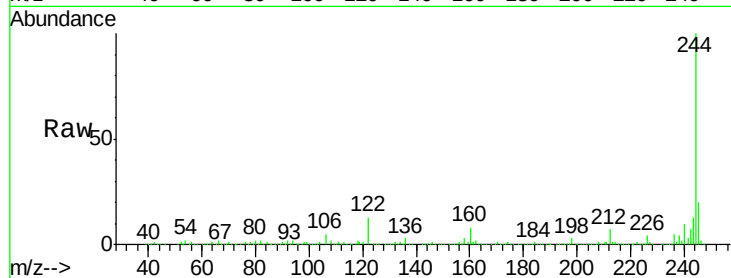




#78
 Terphenyl-d14
 Concen: 66.438 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102394.D
 Acq: 24 Jan 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 AB-15(0-2)

Tgt Ion: 244 Resp: 841273
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102394.D
 Acq: 24 Jan 2018 17:24

Tgt Ion: 264 Resp: 270781
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 22.0 17.5 26.3

