

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112918.D
 Acq On : 7 Mar 2019 13:51
 Operator : JU/SJ
 Sample : K1760-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-10

Quant Time: Mar 08 00:40:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

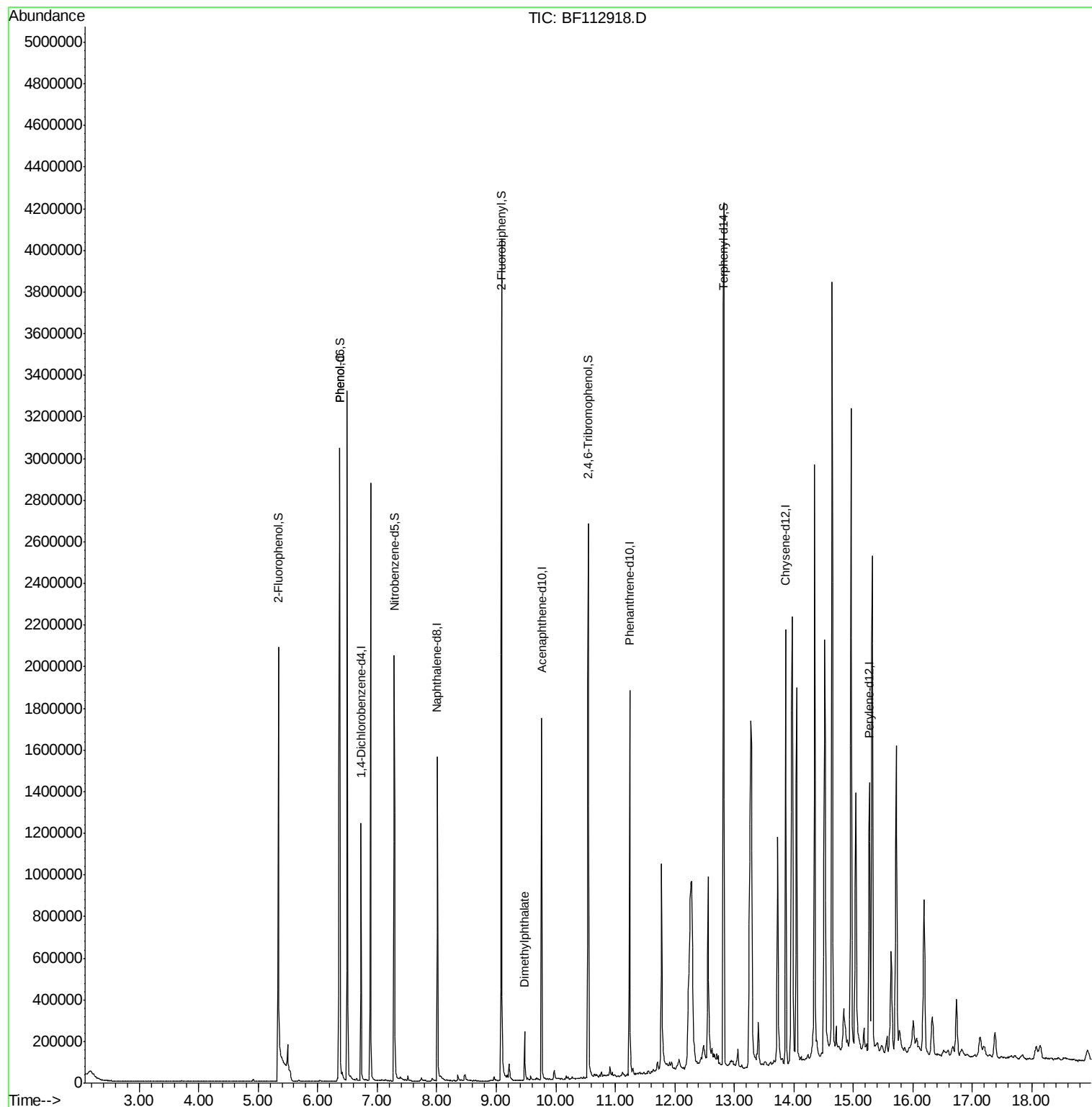
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	186847	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	676139	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	356958	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	746369	20.00	ng	0.00
76) Chrysene-d12	13.86	240	705862	20.00	ng	-0.01
87) Perylene-d12	15.27	264	641503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	814609	67.82	ng	0.00
7) Phenol-d6	6.37	99	1093180	72.45	ng	0.00
23) Nitrobenzene-d5	7.29	82	651990	57.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	362579	95.68	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1266107	53.23	ng	-0.01
79) Terphenyl-d14	12.82	244	1501091	41.22	ng	0.00
Target Compounds						
10) Phenol	6.37	94	72250	4.103	ng	95
50) Dimethylphthalate	9.48	163	102003	3.875	ng	99

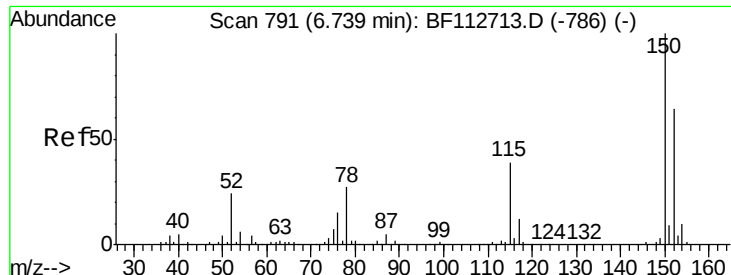
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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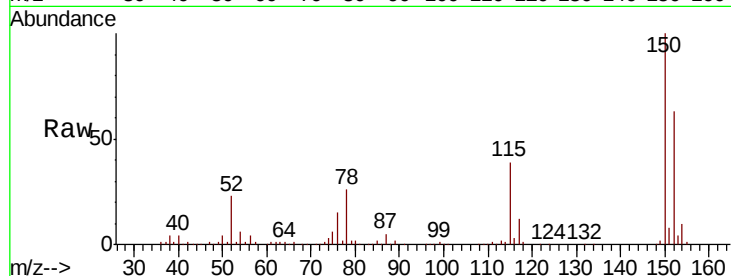


#1

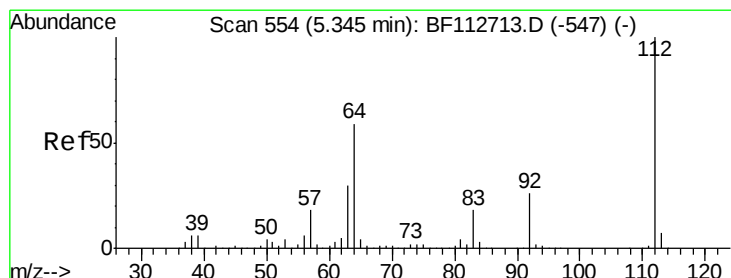
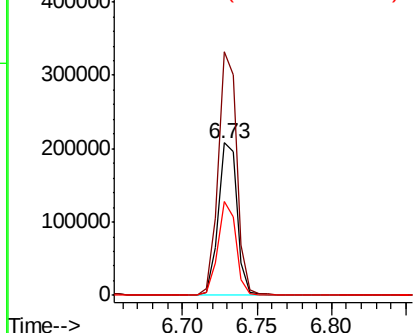
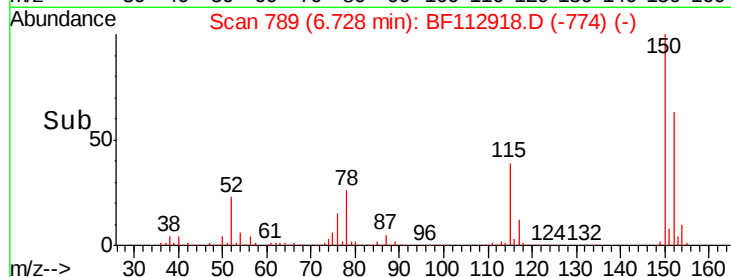
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112918.D
Acq: 7 Mar 2019 13:51

Instrument :
BNA_F
ClientSampleId :
Z2-10

Tot Ion:152 Resp: 186847
Ion Ratio Lower Upper
152 100
150 159.6 124.2 186.2
115 61.5 48.2 72.4



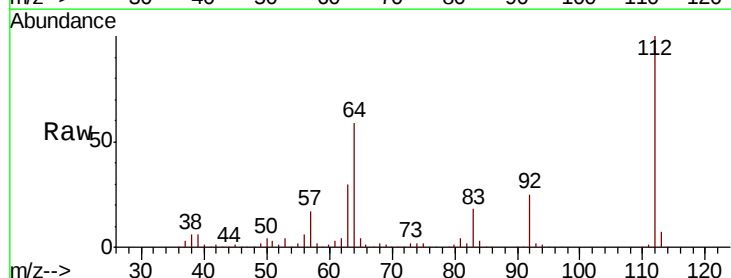
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



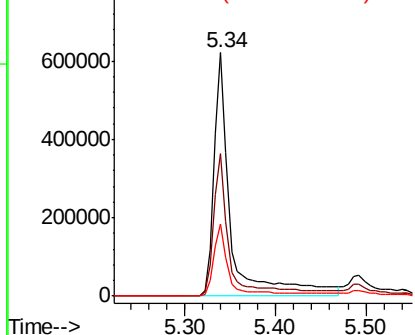
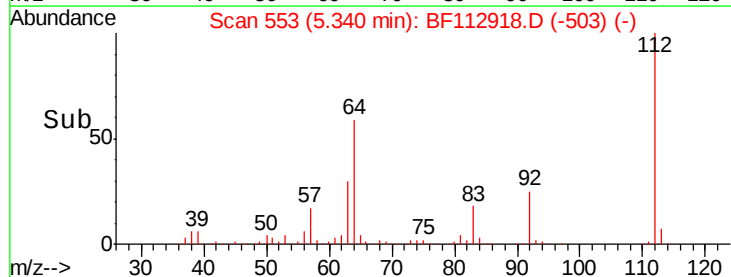
#5

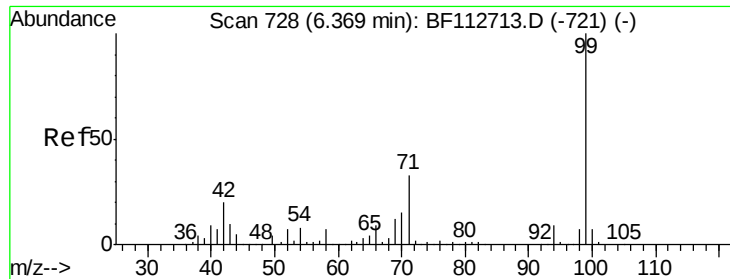
2-Fluorophenol
Concen: 67.818 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112918.D
Acq: 7 Mar 2019 13:51

Tgt Ion:112 Resp: 814609
Ion Ratio Lower Upper
112 100
64 58.7 47.6 71.4
63 29.6 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 72.450 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

Instrument :

BNA_F

ClientSampleId :

Z2-10

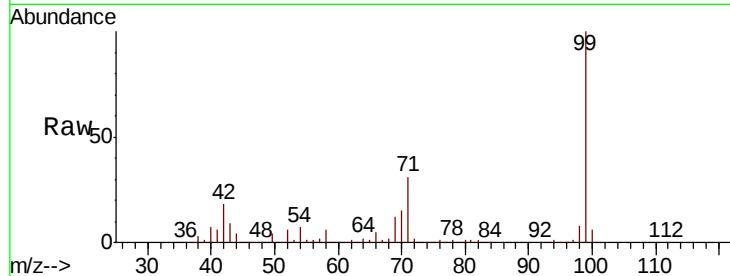
Tot Ion: 99 Resp: 1093180

Ion Ratio Lower Upper

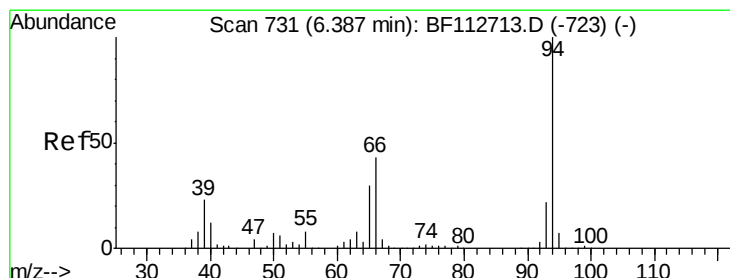
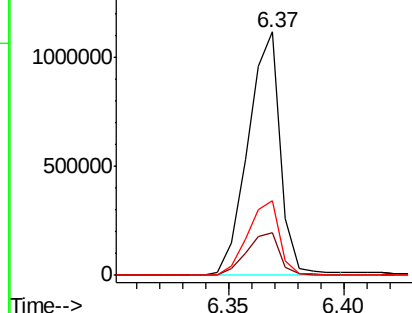
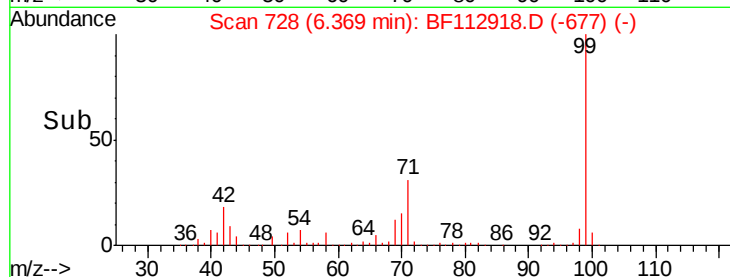
99 100

42 17.6 16.3 24.5

71 30.6 26.2 39.4



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: 4.103 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

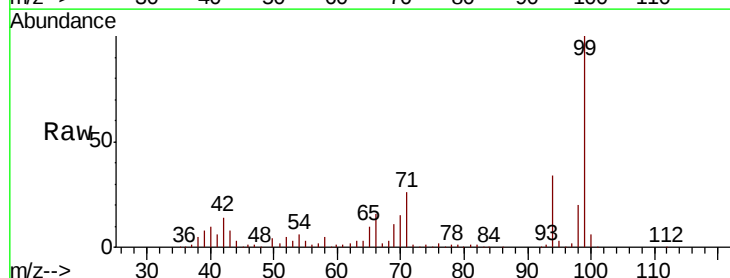
Tgt Ion: 94 Resp: 72250

Ion Ratio Lower Upper

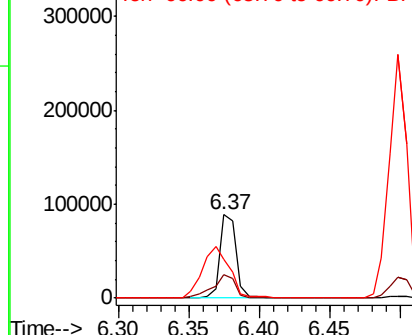
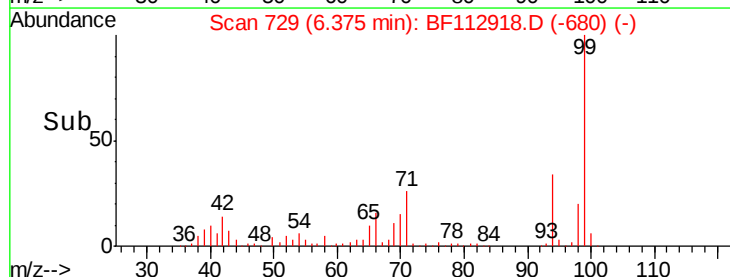
94 100

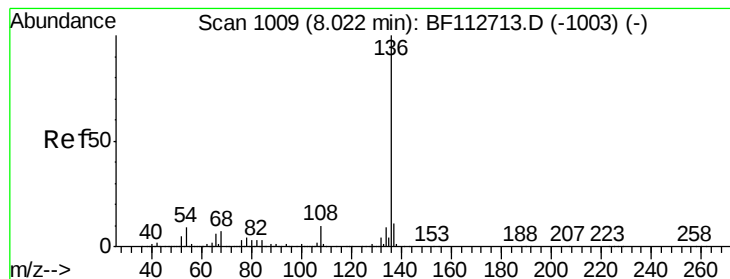
65 28.3 10.5 50.5

66 46.7 22.6 62.6



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

Instrument :

BNA_F

ClientSampleId :

Z2-10

Tot Ion:136 Resp: 676139

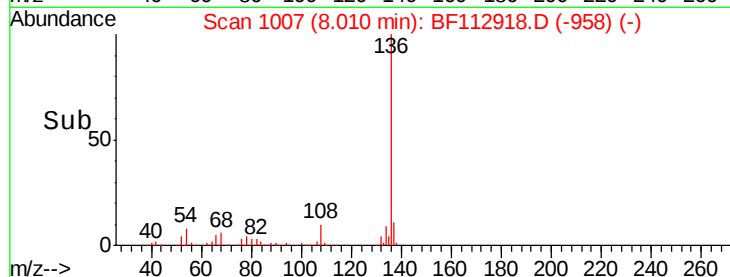
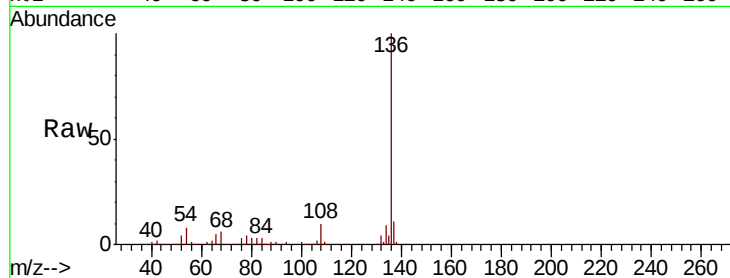
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.4 7.3 10.9

68 6.4 5.4 8.2

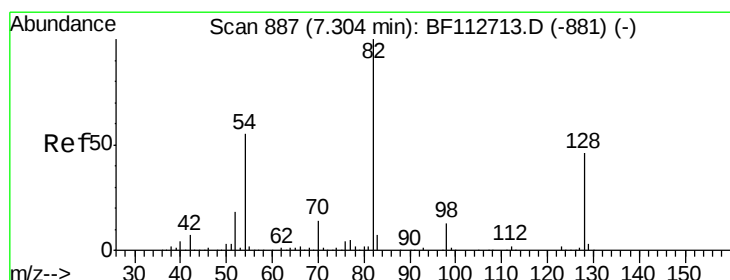
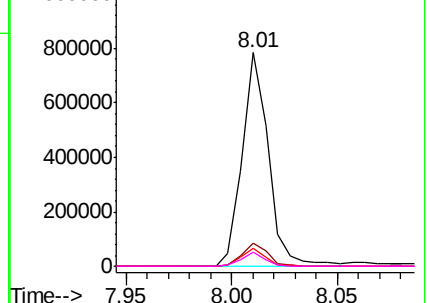


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.701 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

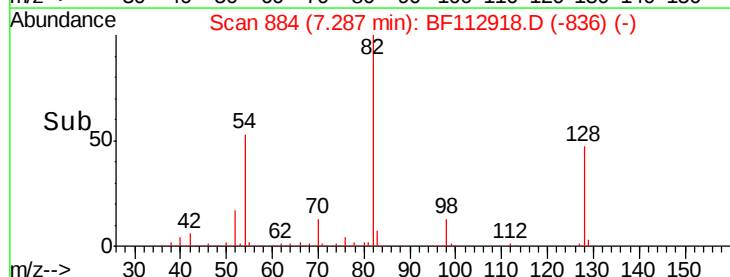
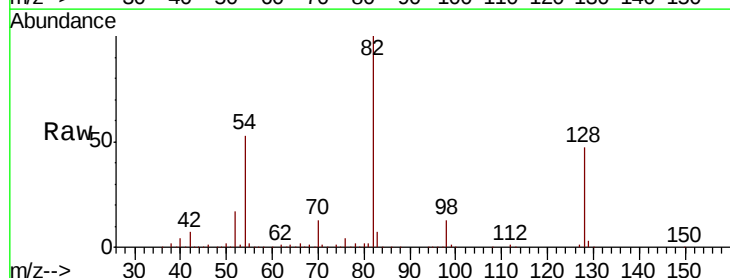
Tgt Ion: 82 Resp: 651990

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

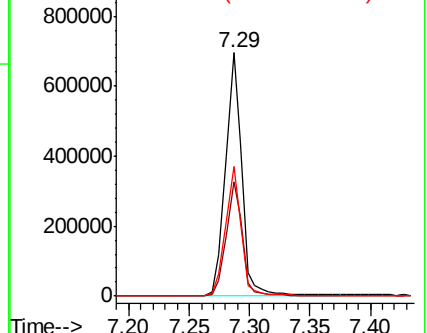
54 53.1 43.7 65.5

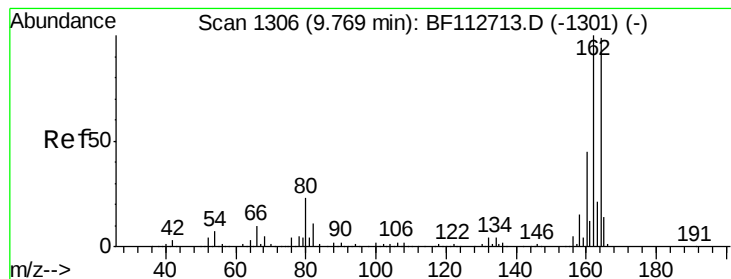


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

Instrument :

BNA_F

ClientSampleId :

Z2-10

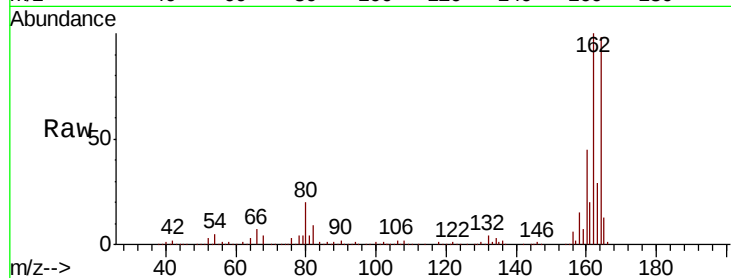
Tot Ion:164 Resp: 356958

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

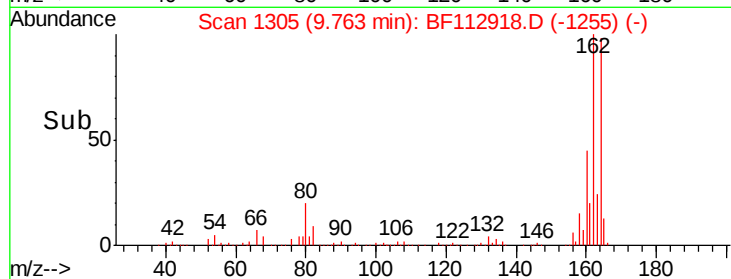
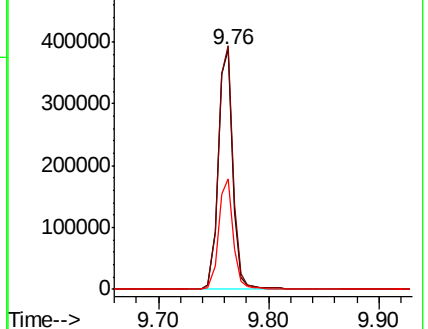
160 46.2 36.0 54.0



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



#42

2,4,6-Tribromophenol

Concen: 95.678 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

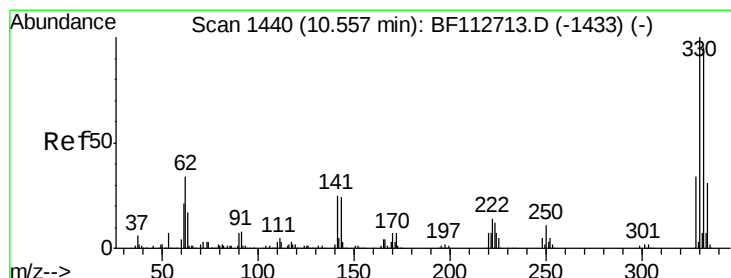
Tgt Ion:330 Resp: 362579

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

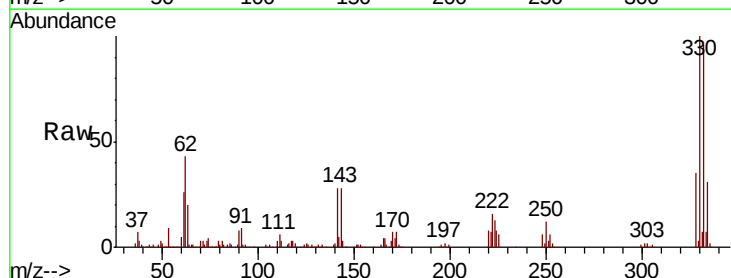
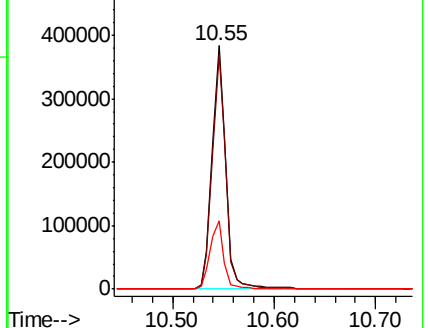
141 28.3 27.0 40.6

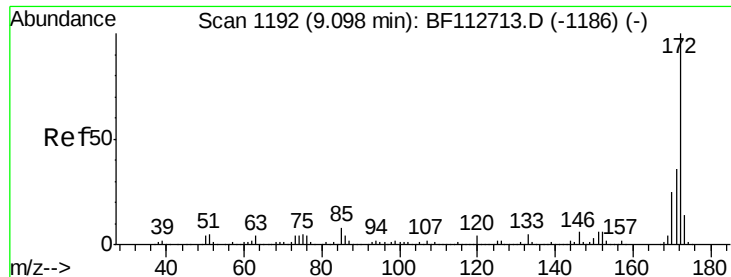


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

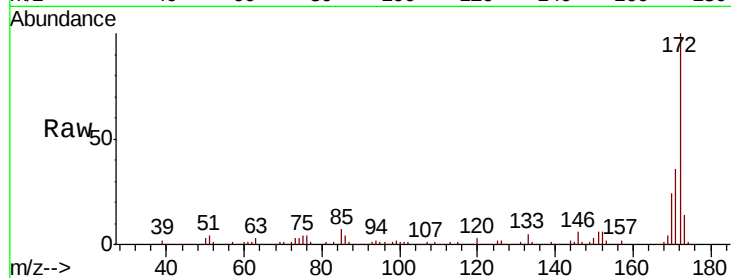




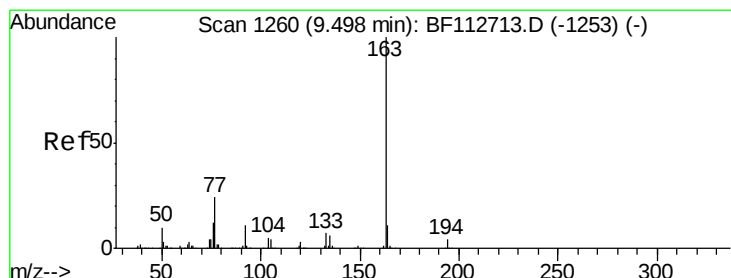
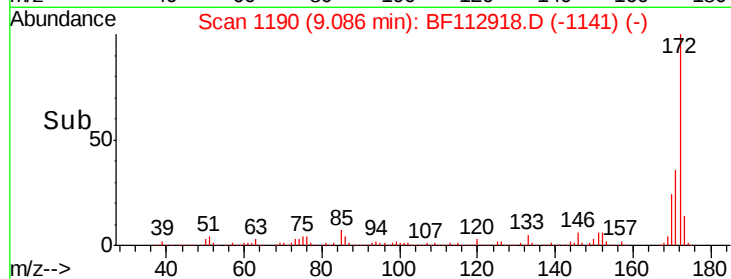
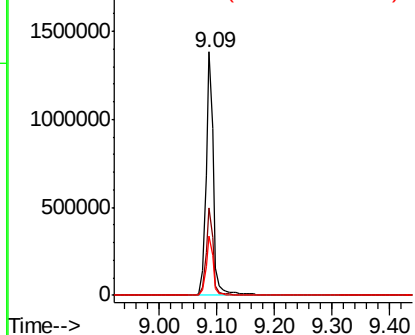
#45
2-Fluorobiphenyl
Concen: 53.229 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112918.D
Acq: 7 Mar 2019 13:51

Instrument :
BNA_F
ClientSampleId :
Z2-10

Tot Ion:172 Resp: 1266107
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 24.4 20.0 30.0

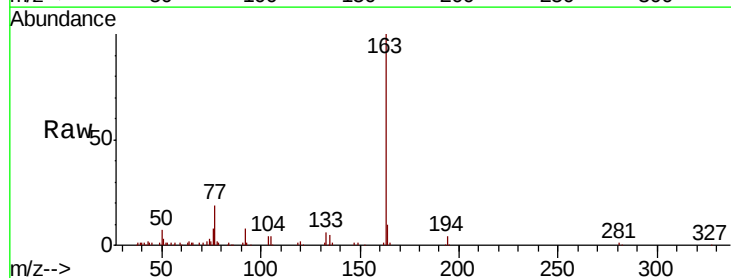


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

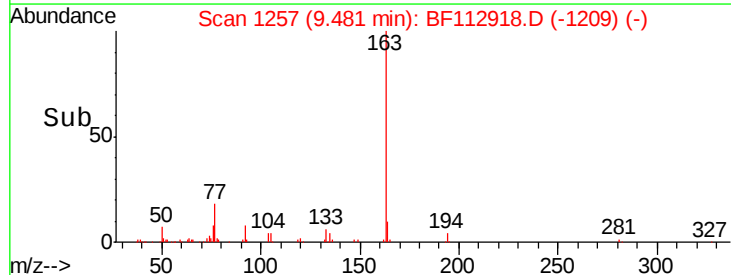
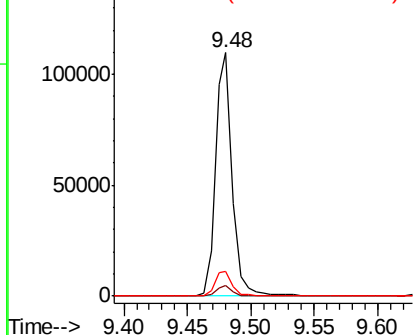


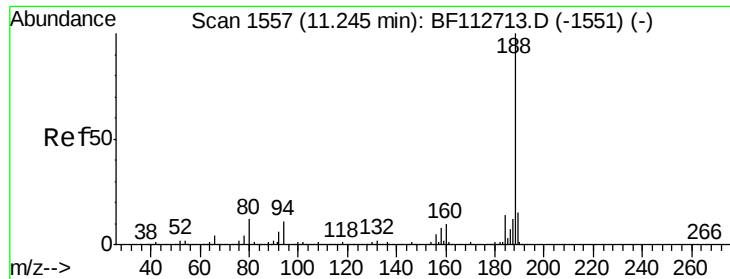
#50
Dimethylphthalate
Concen: 3.875 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112918.D
Acq: 7 Mar 2019 13:51

Tgt Ion:163 Resp: 102003
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.0 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

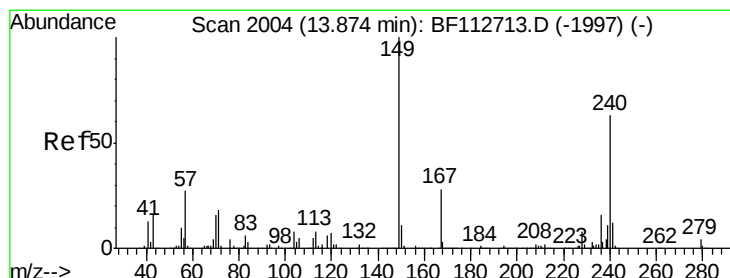
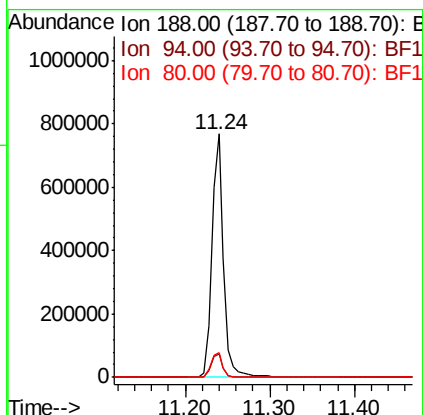
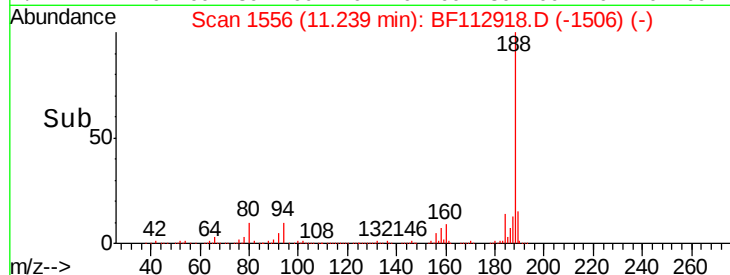
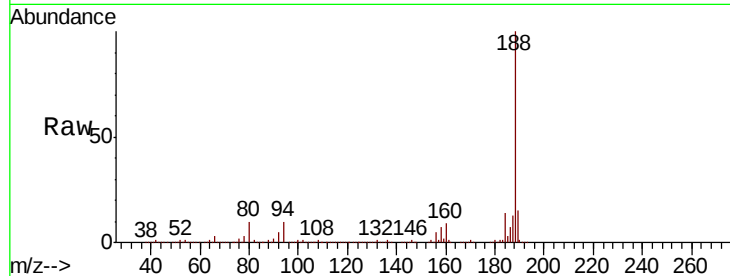




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112918.D
Acq: 7 Mar 2019 13:51

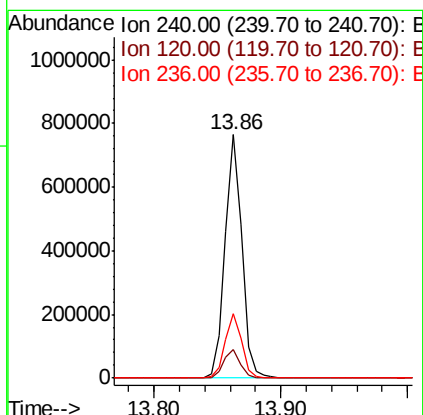
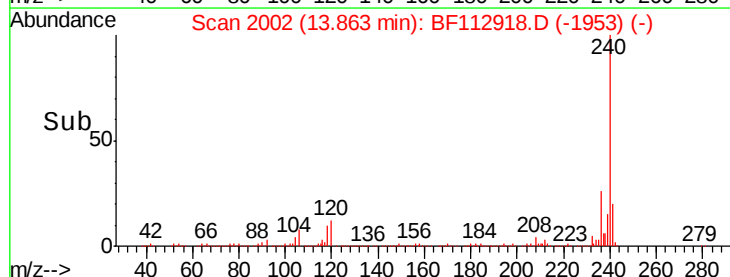
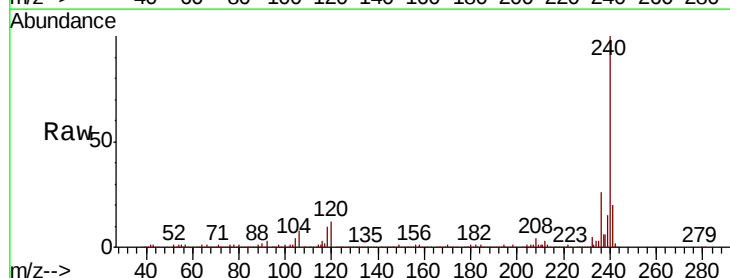
Instrument :
BNA_F
ClientSampleId :
Z2-10

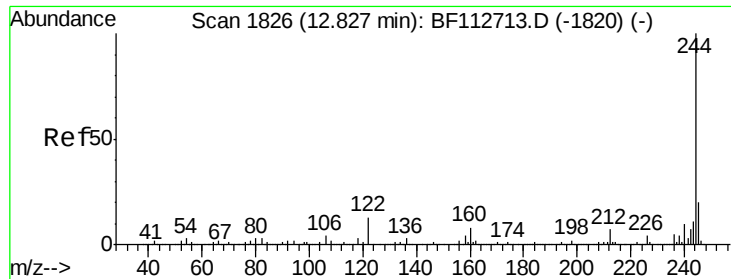
Tot Ion:188 Resp: 746369
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.4
80 10.2 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112918.D
Acq: 7 Mar 2019 13:51

Tgt Ion:240 Resp: 705862
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.3 20.7 31.1

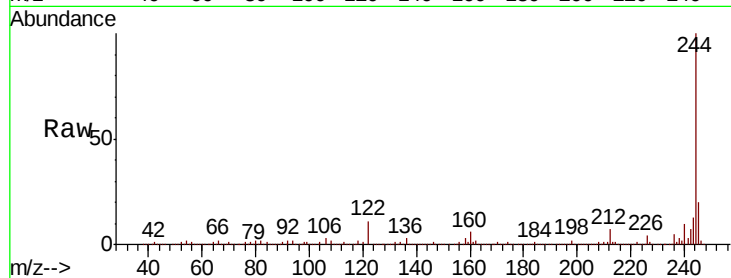




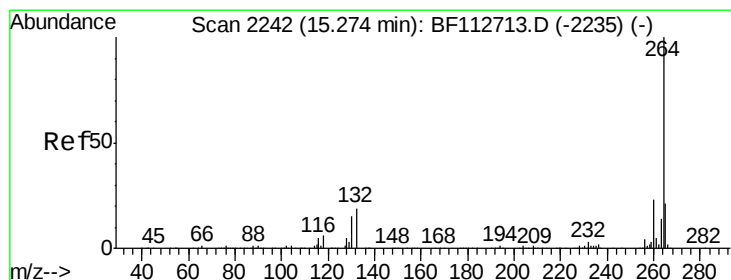
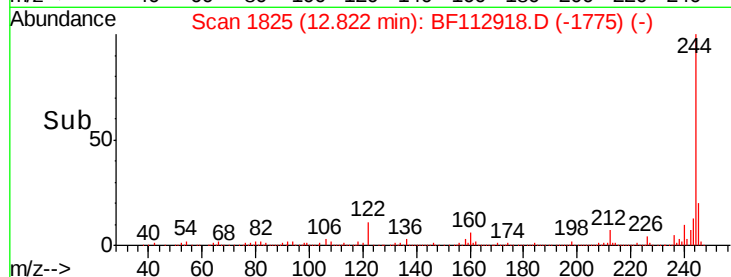
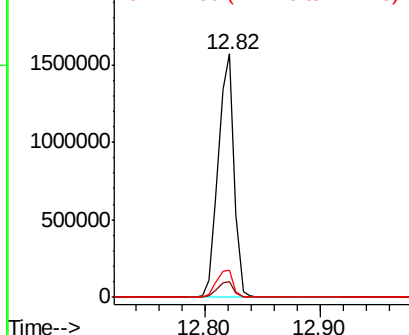
#79
 Terphenyl-d14
 Concen: 41.224 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112918.D
 Acq: 7 Mar 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 Z2-10

Tot Ion:244 Resp: 1501091
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.0 10.5 15.7

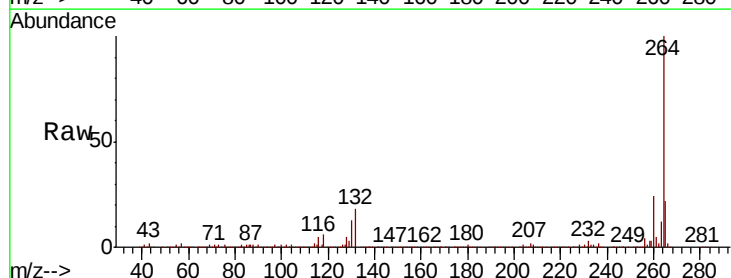


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112918.D
 Acq: 7 Mar 2019 13:51

Tgt Ion:264 Resp: 641503
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.6 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

