

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109257.D
 Acq On : 24 Sep 2018 10:46
 Operator : JU/SJ
 Sample : J5021-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-C

Quant Time: Sep 24 14:14:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

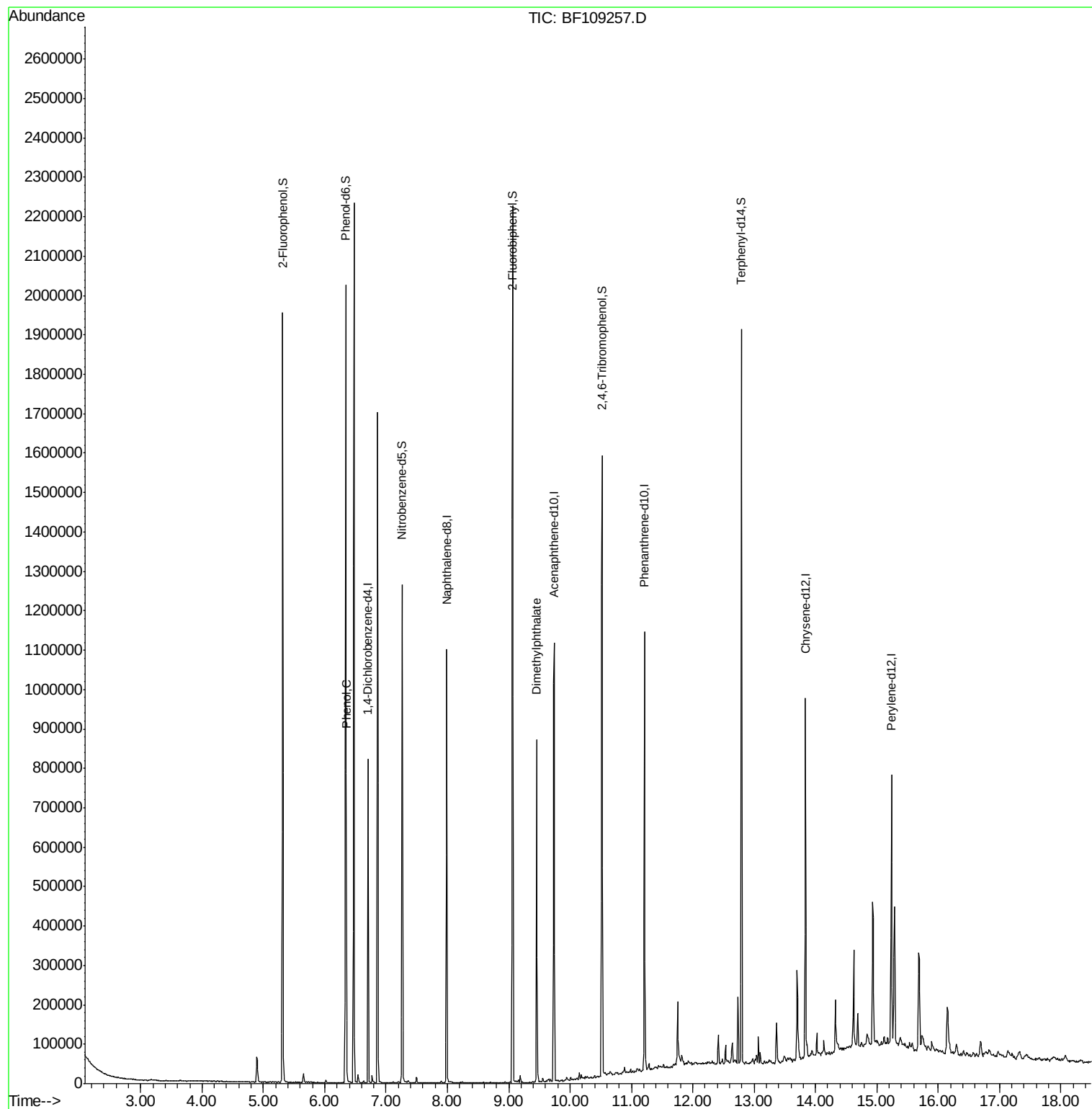
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	114033	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	445673	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	214720	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	417032	20.00	ng	0.00
75) Chrysene-d12	13.84	240	299780	20.00	ng	0.00
86) Perylene-d12	15.24	264	299059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	516729	74.64	ng	0.00
7) Phenol-d6	6.35	99	668016	75.61	ng	-0.01
23) Nitrobenzene-d5	7.26	82	418229	55.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	183512	86.70	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	634073	44.54	ng	-0.01
78) Terphenyl-d14	12.79	244	623266	51.02	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	31579	3.156	ng	98
49) Dimethylphthalate	9.46	163	295684	18.933	ng	99

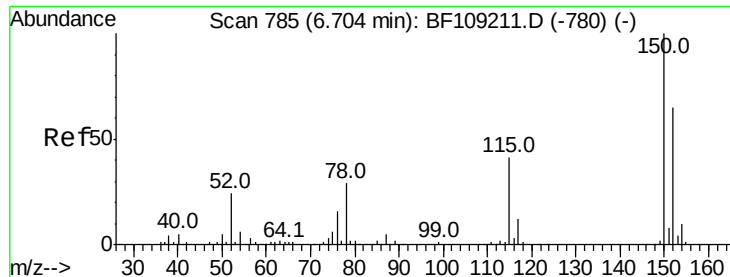
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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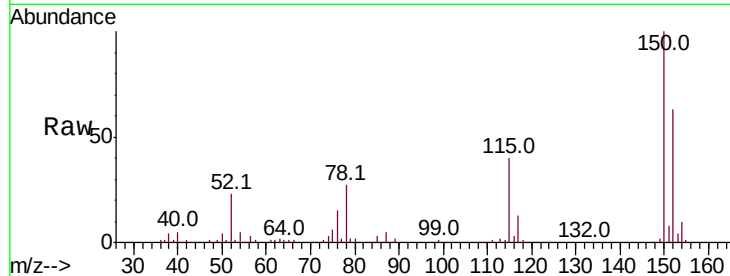


#1

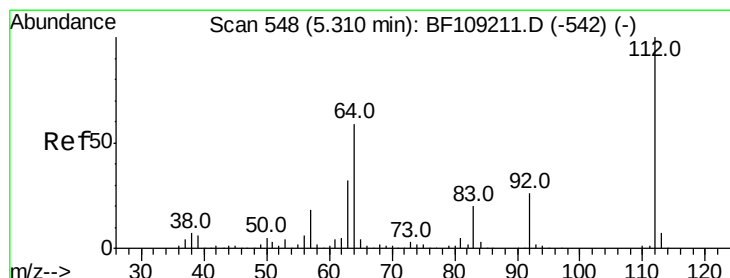
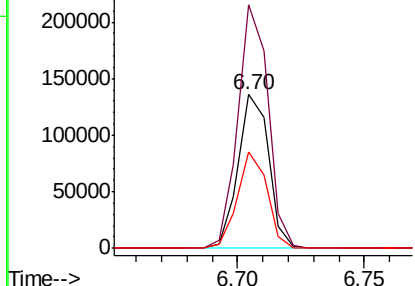
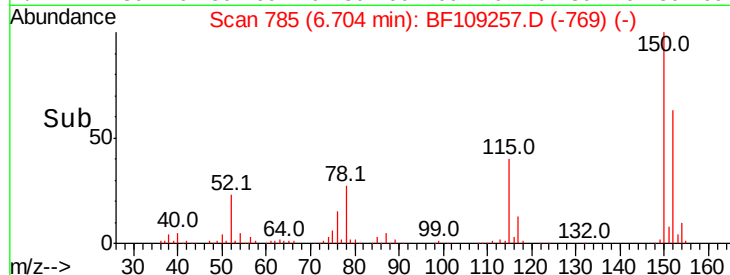
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109257.D
 Acq: 24 Sep 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-C

Tot Ion:152 Resp: 114033
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 62.8 50.1 75.1



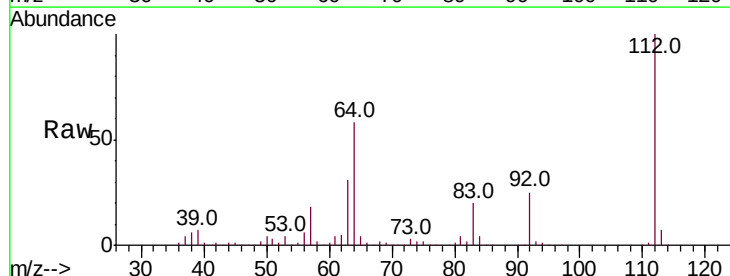
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



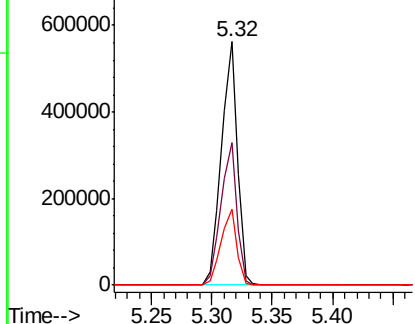
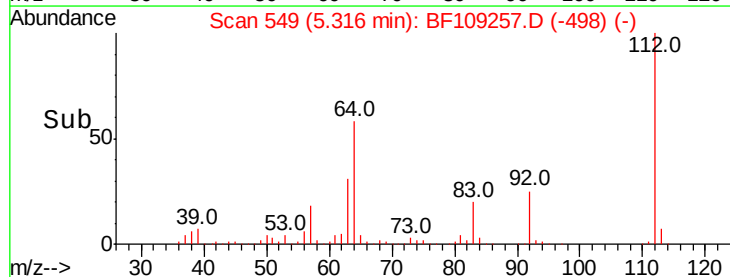
#5

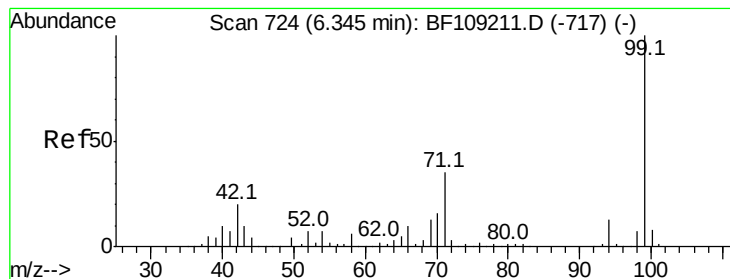
2-Fluorophenol
 Concen: 74.636 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109257.D
 Acq: 24 Sep 2018 10:46

Tgt Ion:112 Resp: 516729
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.9 71.9
 63 31.3 23.7 35.5



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: 75.615 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109257.D

Acq: 24 Sep 2018 10:46

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-C

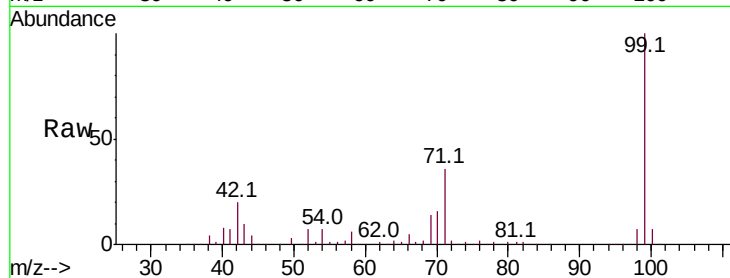
Tot Ion: 99 Resp: 668016

Ion Ratio Lower Upper

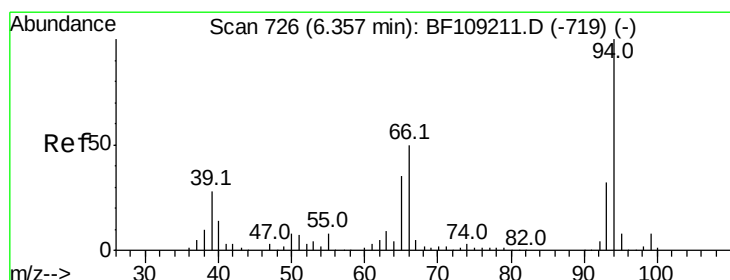
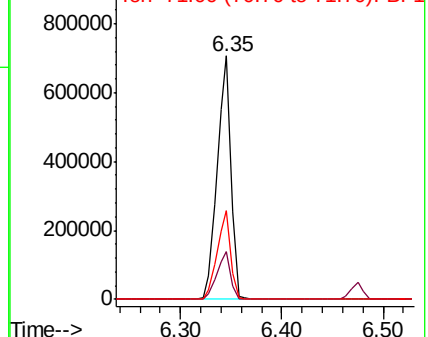
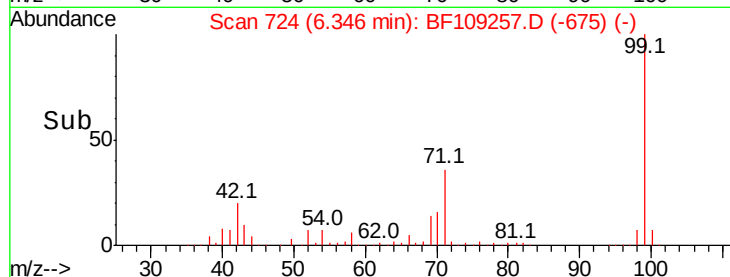
99 100

42 19.8 14.5 21.7

71 36.4 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: 3.156 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109257.D

Acq: 24 Sep 2018 10:46

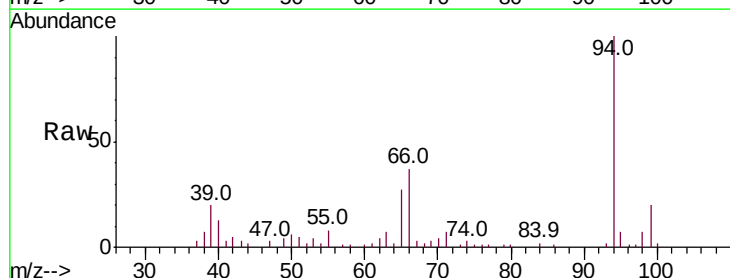
Tgt Ion: 94 Resp: 31579

Ion Ratio Lower Upper

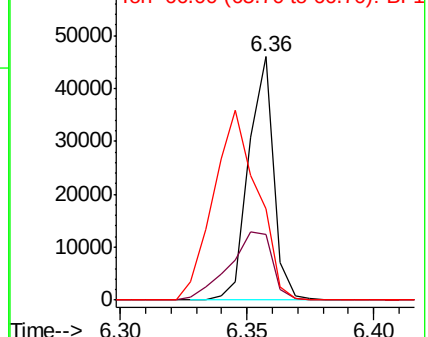
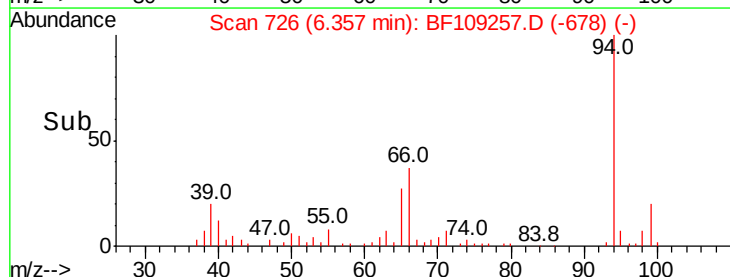
94 100

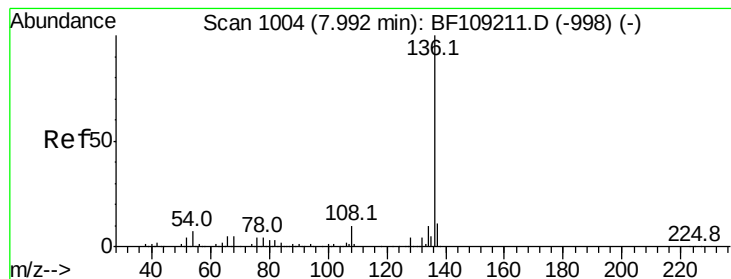
65 26.7 7.9 47.9

66 37.3 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109257.D

Acq: 24 Sep 2018 10:46

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-C

Tot Ion:136 Resp: 445673

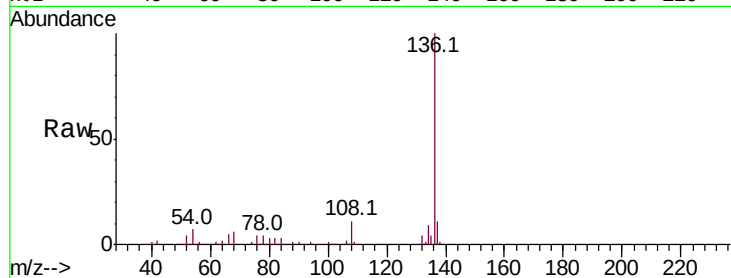
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.3 6.6 9.8

68 5.5 5.0 7.4

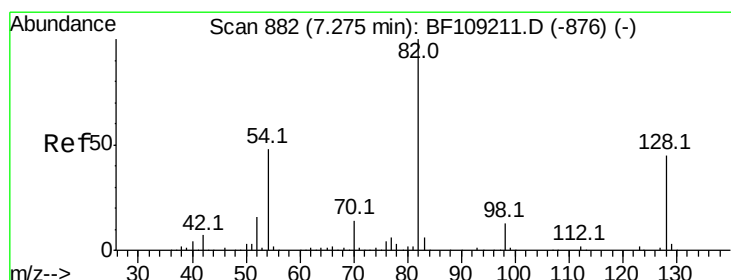
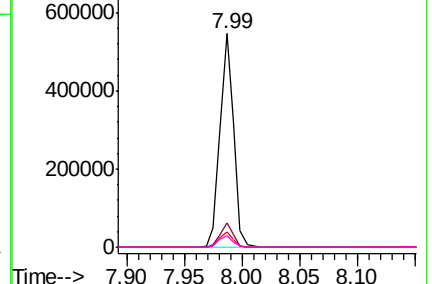
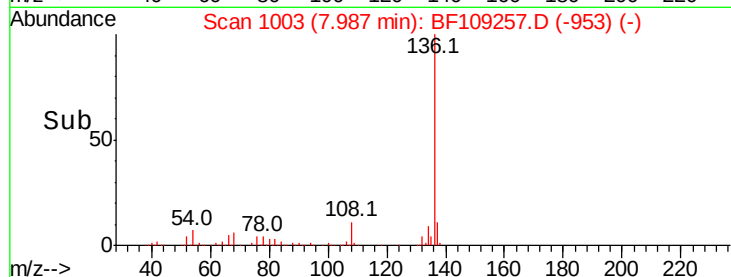


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.396 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109257.D

Acq: 24 Sep 2018 10:46

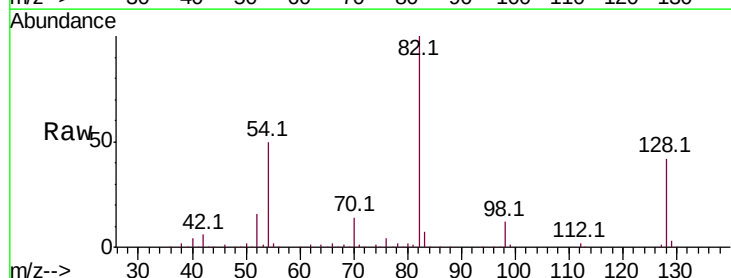
Tgt Ion: 82 Resp: 418229

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

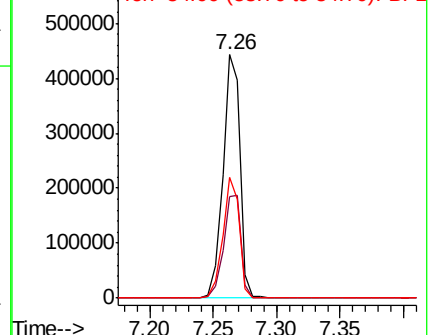
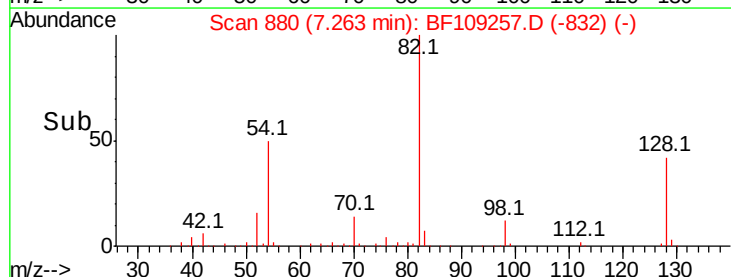
54 49.6 41.4 62.2

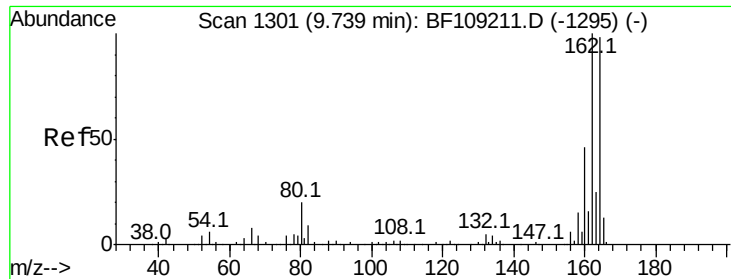


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109257.D

Acq: 24 Sep 2018 10:46

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-C

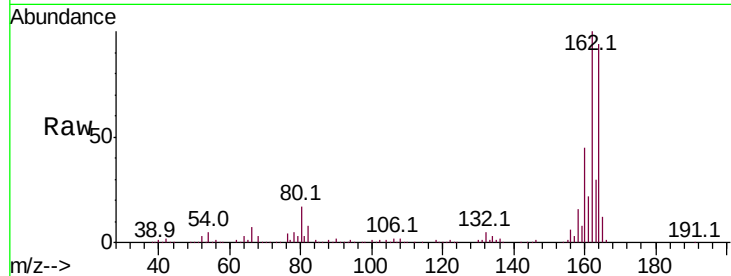
Tot Ion:164 Resp: 214720

Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

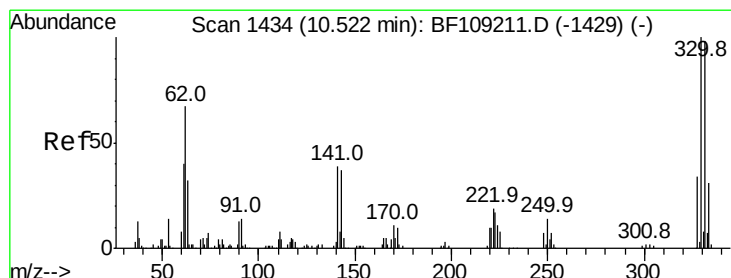
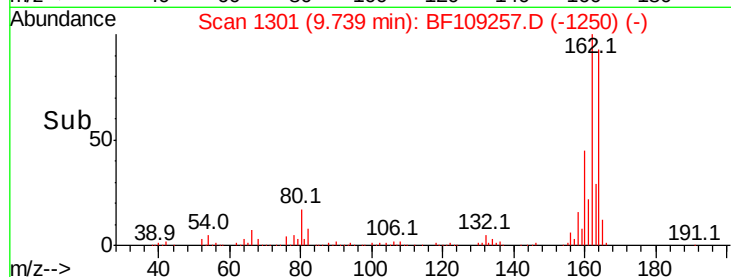
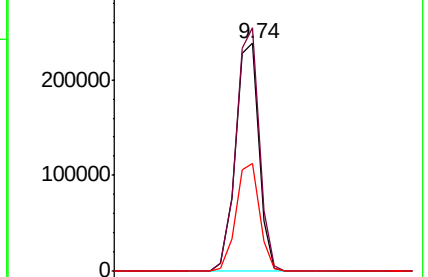
160 47.6 38.3 57.5



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: 86.698 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109257.D

Acq: 24 Sep 2018 10:46

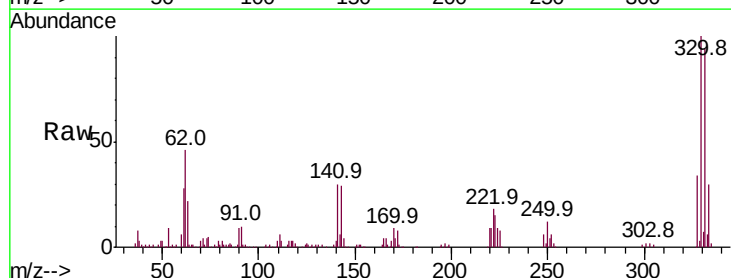
Tgt Ion:330 Resp: 183512

Ion Ratio Lower Upper

330 100

332 93.6 77.0 115.6

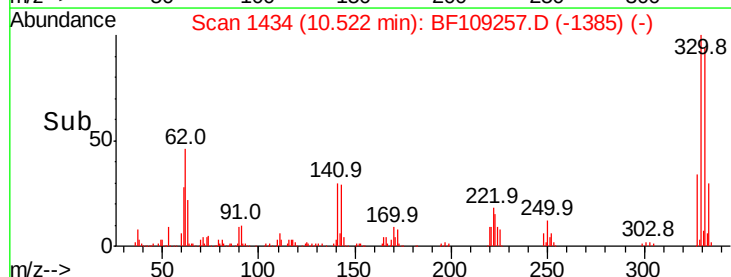
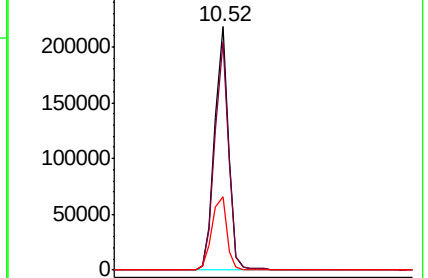
141 32.7 29.9 44.9

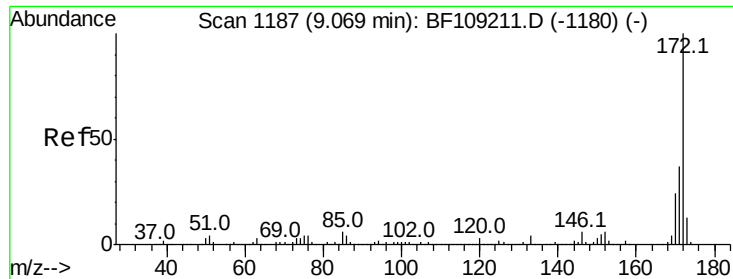


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

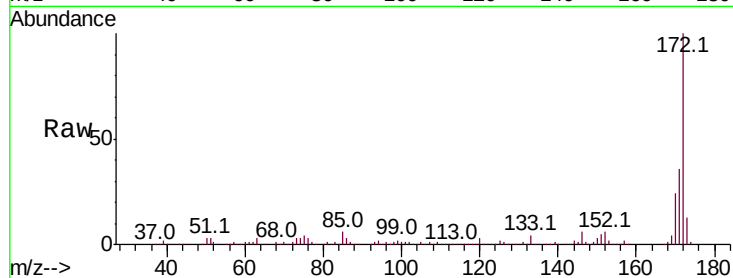




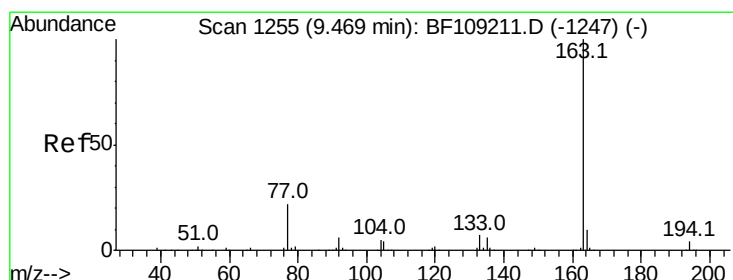
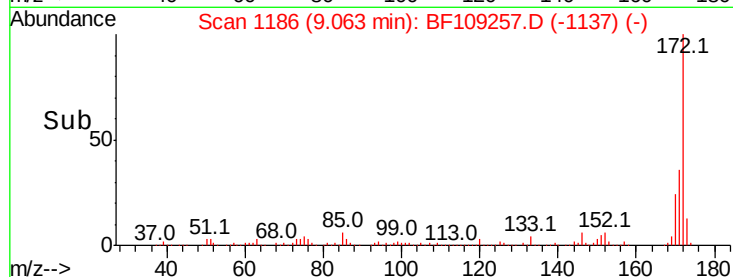
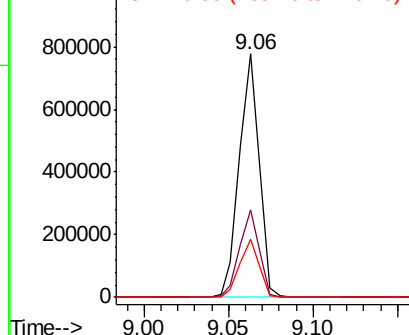
#44
2-Fluorobiphenyl
Concen: 44.537 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109257.D
Acq: 24 Sep 2018 10:46

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-C

Tot Ion:172 Resp: 634073
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.6 19.6 29.4

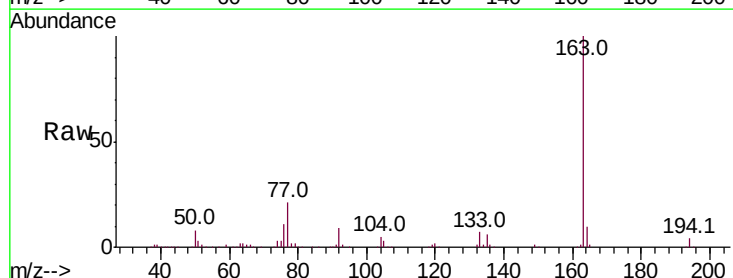


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

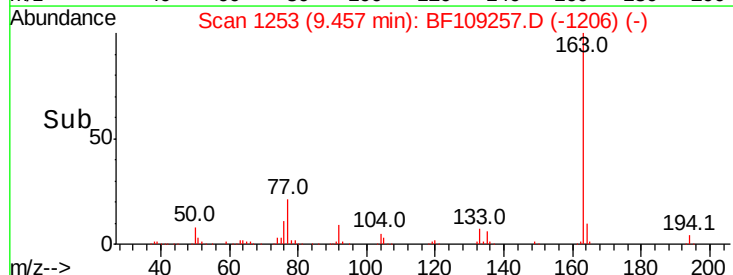
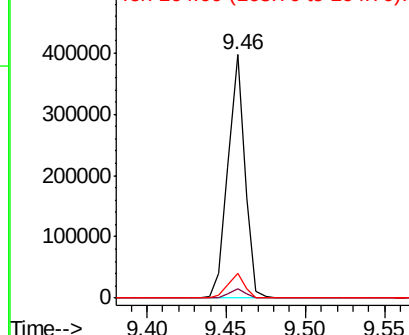


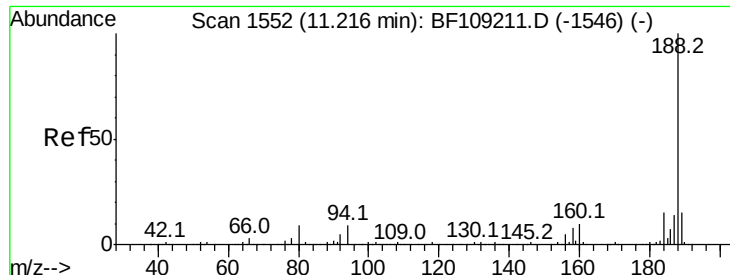
#49
Dimethylphthalate
Concen: 18.933 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109257.D
Acq: 24 Sep 2018 10:46

Tgt Ion:163 Resp: 295684
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.1 8.2 12.2



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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109257.D

Acq: 24 Sep 2018 10:46

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-C

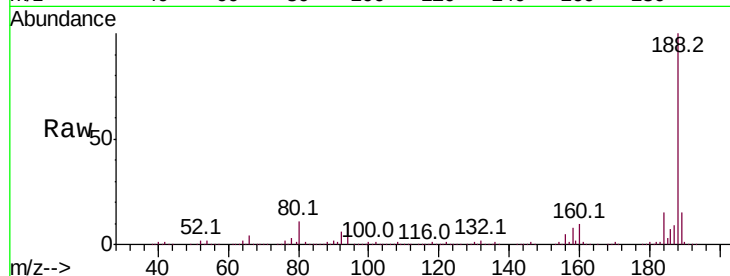
Tot Ion:188 Resp: 417032

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

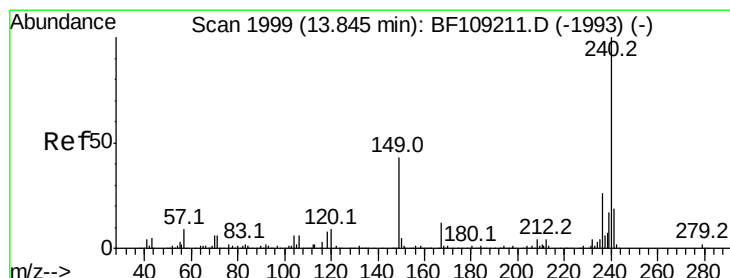
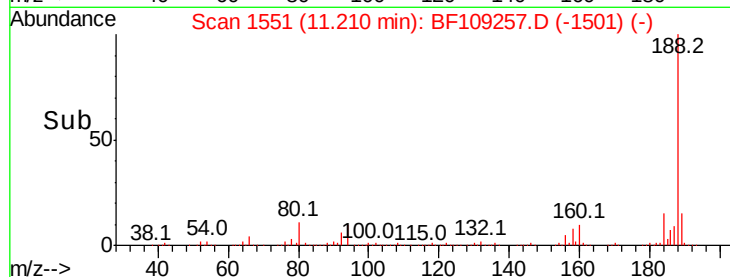
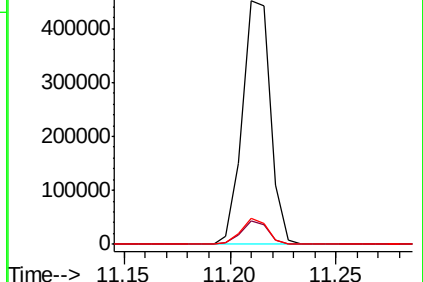
80 10.8 9.2 13.8



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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109257.D

Acq: 24 Sep 2018 10:46

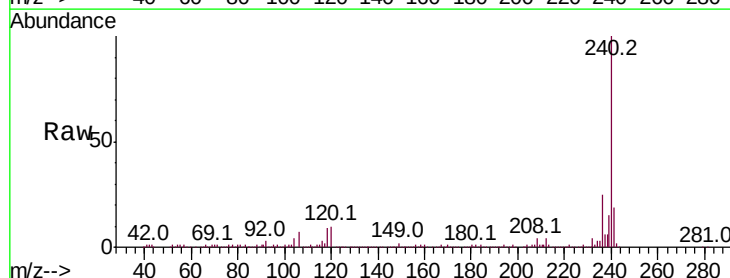
Tgt Ion:240 Resp: 299780

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

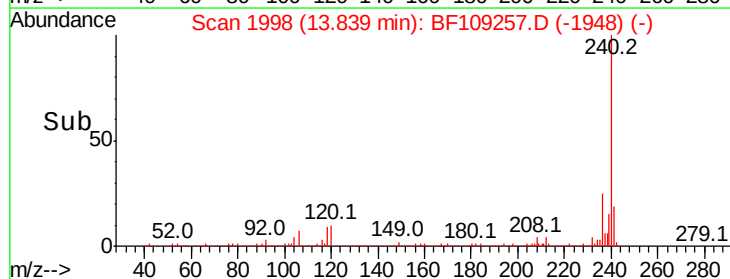
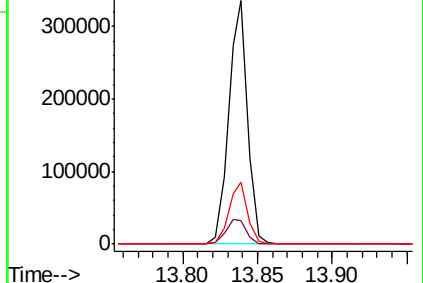
236 25.4 20.7 31.1

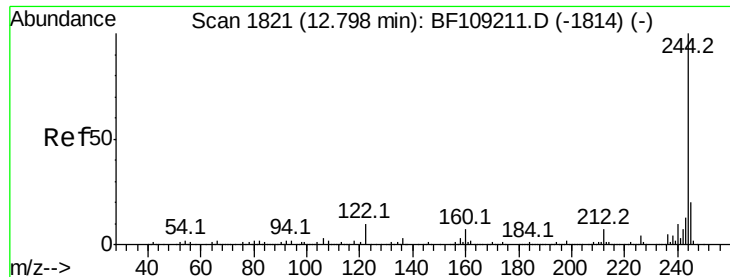


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

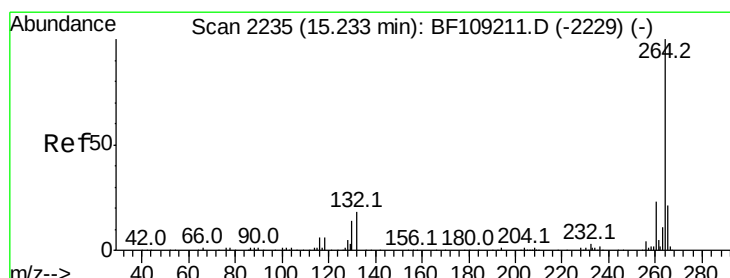
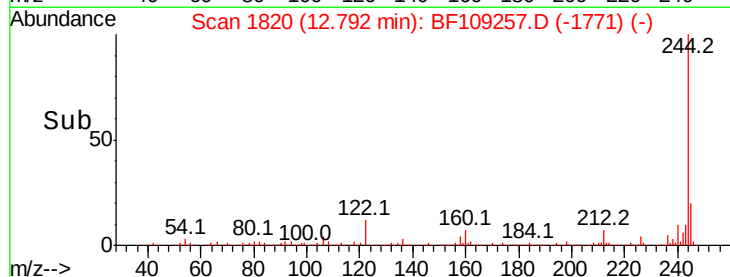
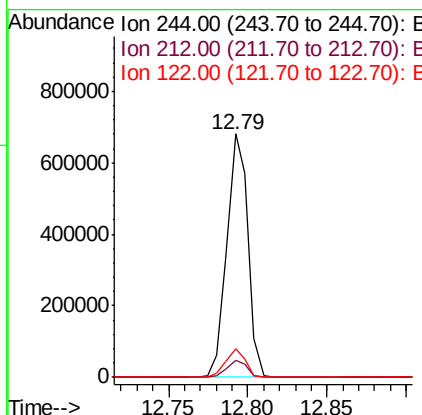
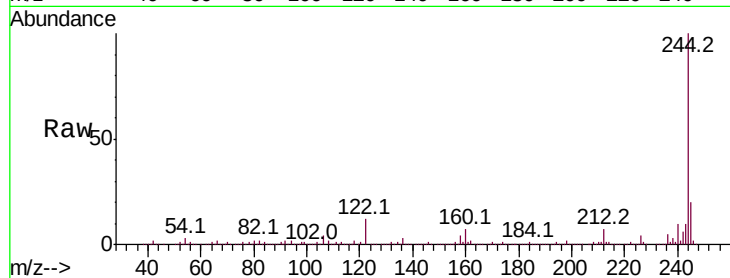




#78
 Terphenyl-d14
 Concen: 51.024 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109257.D
 Acq: 24 Sep 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-C

Tot Ion:244 Resp: 623266
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109257.D
 Acq: 24 Sep 2018 10:46

Tgt Ion:264 Resp: 299059
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 17.5 26.3

