

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109240.D
 Acq On : 22 Sep 2018 23:43
 Operator : JU/SJ
 Sample : J5021-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-A

Quant Time: Sep 24 08:07:14 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

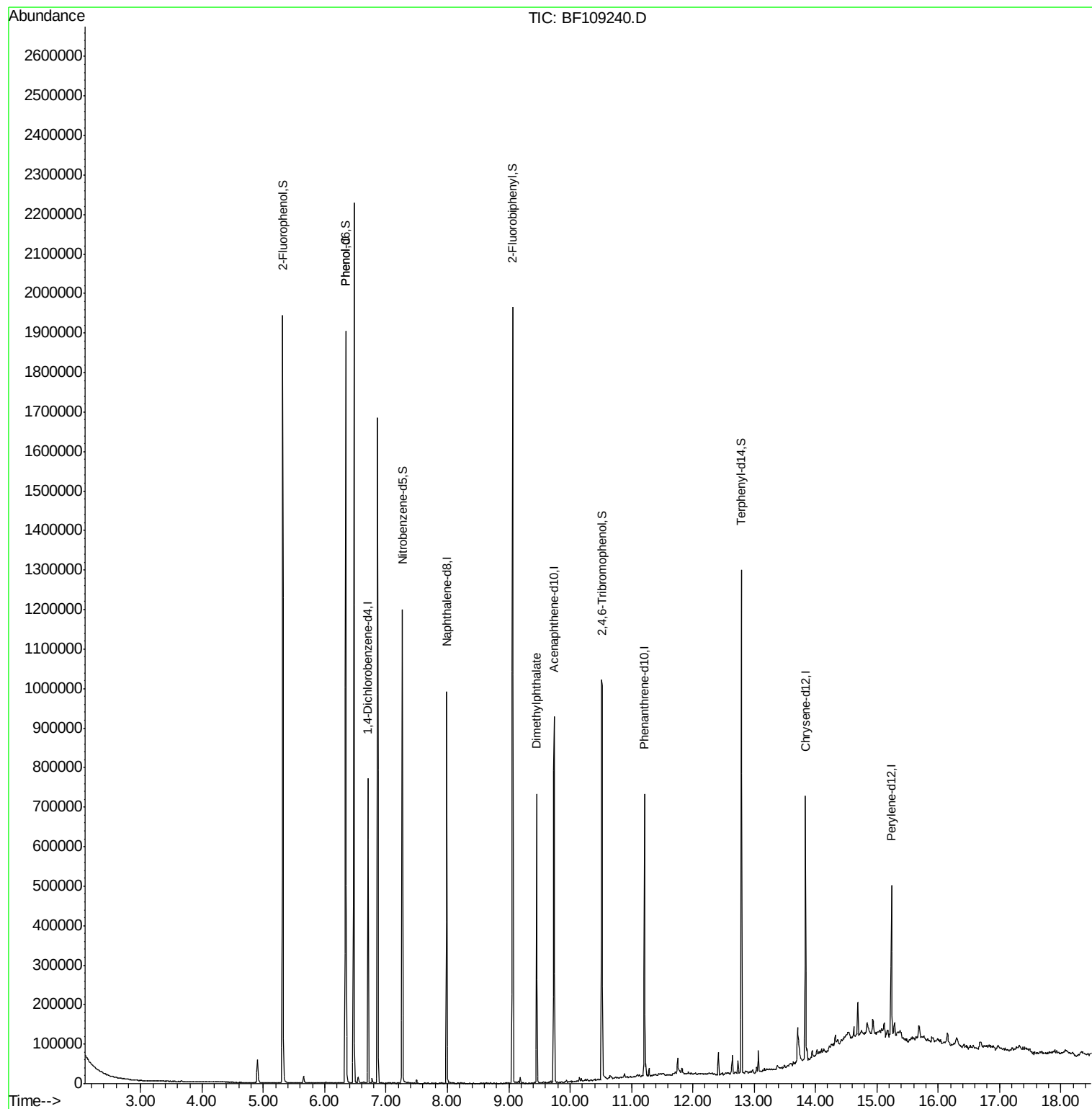
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108053	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	402217	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	170598	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	259078	20.00	ng	0.00
75) Chrysene-d12	13.84	240	214752	20.00	ng	0.00
86) Perylene-d12	15.24	264	166011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	534792	81.52	ng	0.00
7) Phenol-d6	6.35	99	675812	80.73	ng	-0.01
23) Nitrobenzene-d5	7.27	82	413412	60.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	121905	72.49	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	543827	48.08	ng	-0.01
78) Terphenyl-d14	12.79	244	377597	43.15	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	30222	3.188	ng	82
49) Dimethylphthalate	9.46	163	249115	20.077	ng	99

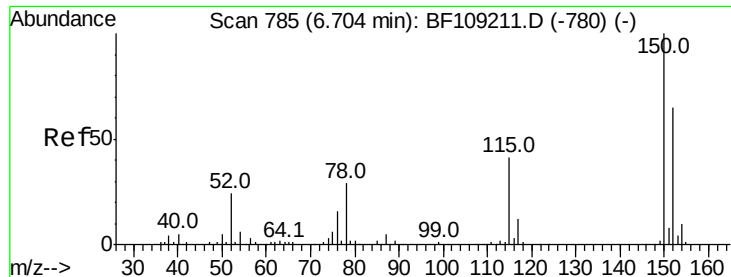
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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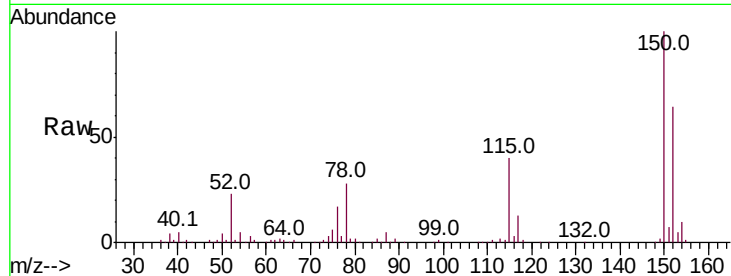


#1

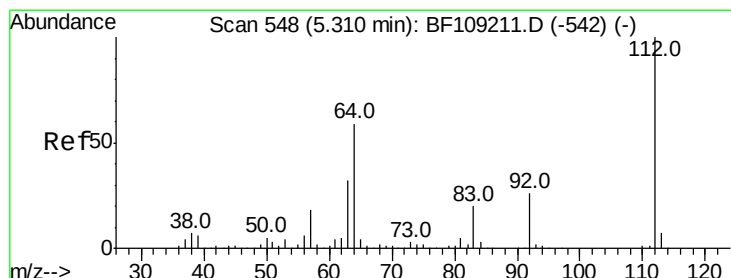
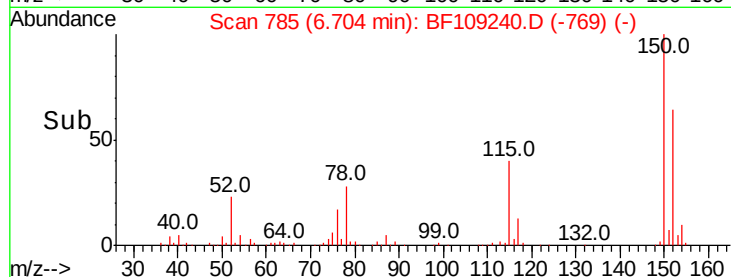
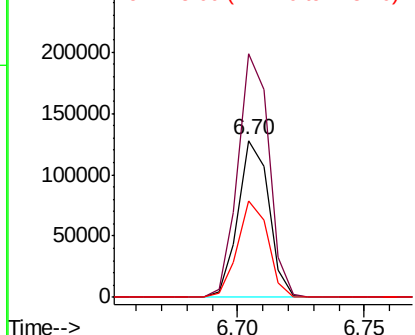
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109240.D
Acq: 22 Sep 2018 23:43

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-A

Tot Ion:152 Resp: 108053
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 61.8 50.1 75.1



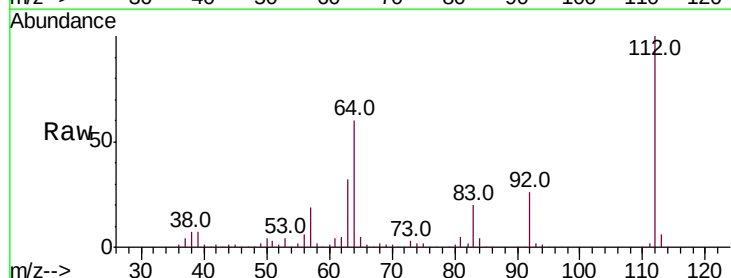
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



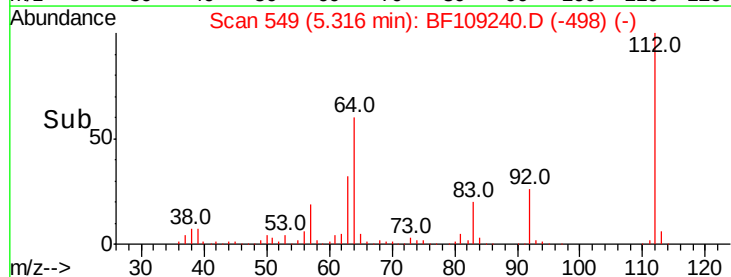
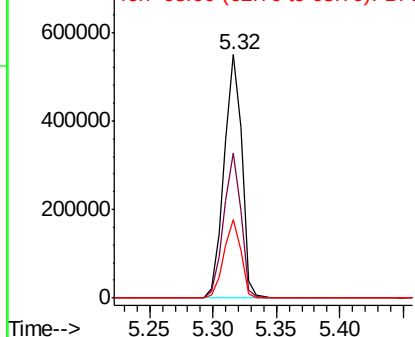
#5

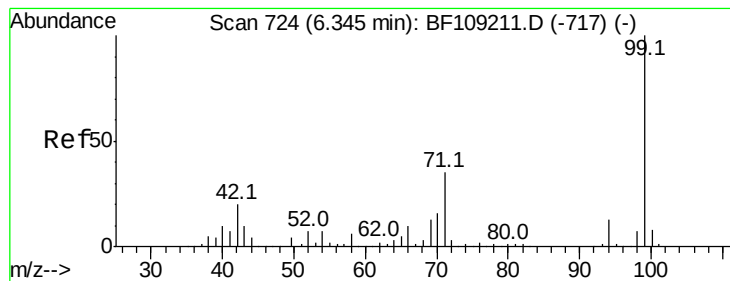
2-Fluorophenol
Concen: 81.520 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109240.D
Acq: 22 Sep 2018 23:43

Tgt Ion:112 Resp: 534792
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 32.2 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: 80.731 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109240.D

Acq: 22 Sep 2018 23:43

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-A

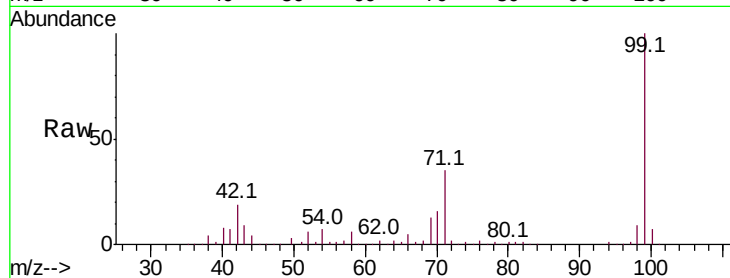
Tot Ion: 99 Resp: 675812

Ion Ratio Lower Upper

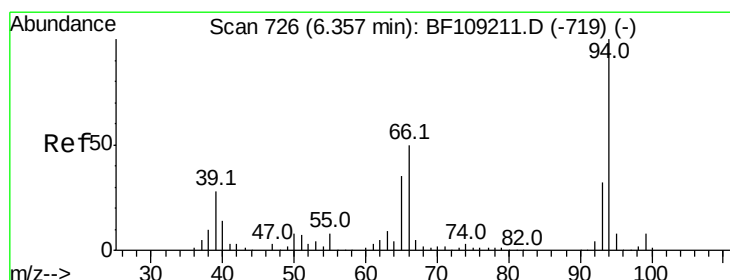
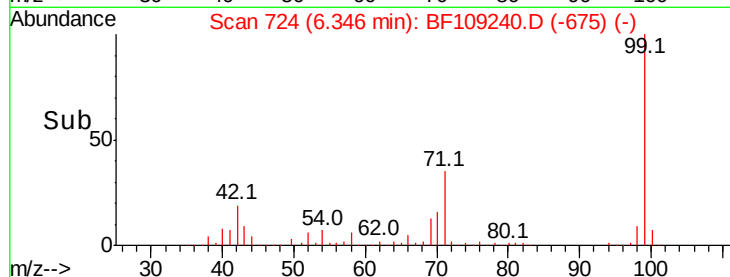
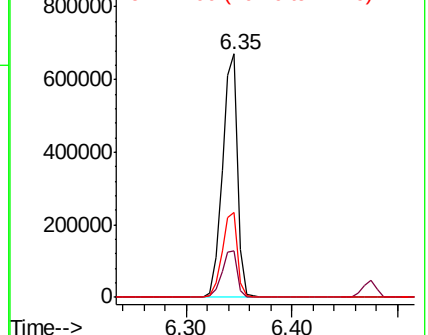
99 100

42 18.9 14.5 21.7

71 34.7 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: 3.188 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109240.D

Acq: 22 Sep 2018 23:43

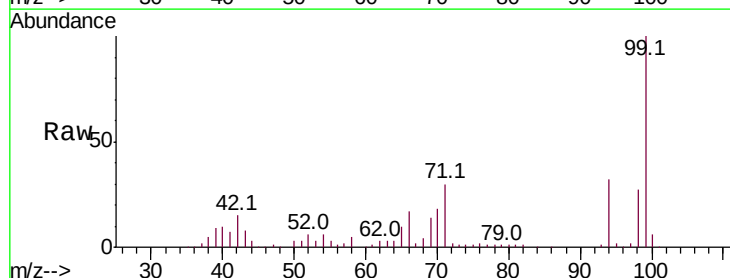
Tgt Ion: 94 Resp: 30222

Ion Ratio Lower Upper

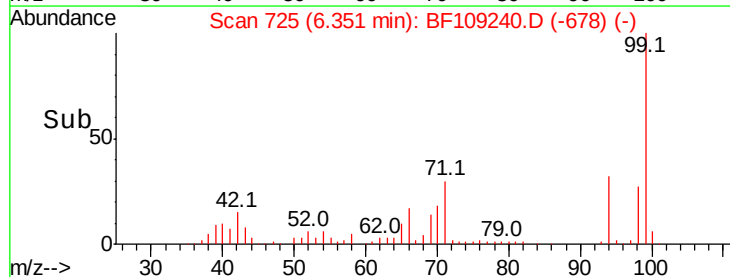
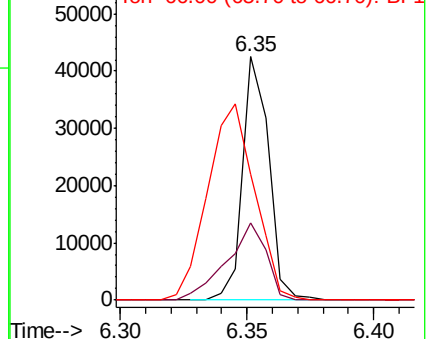
94 100

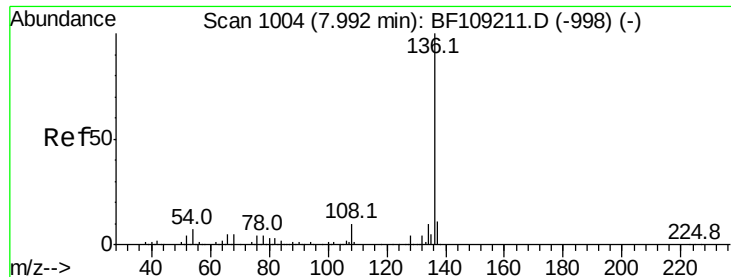
65 32.0 7.9 47.9

66 51.9 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

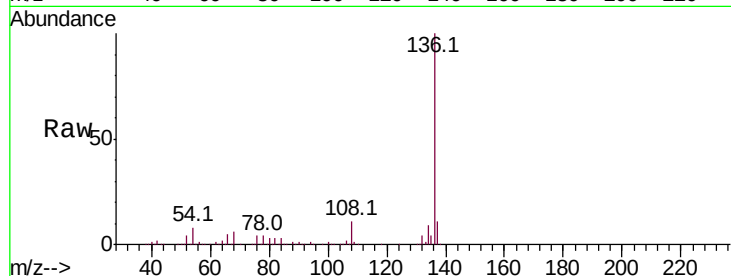




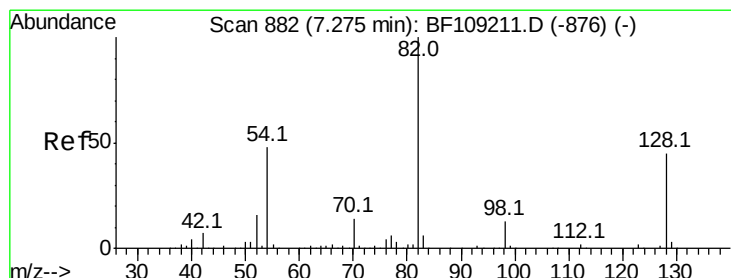
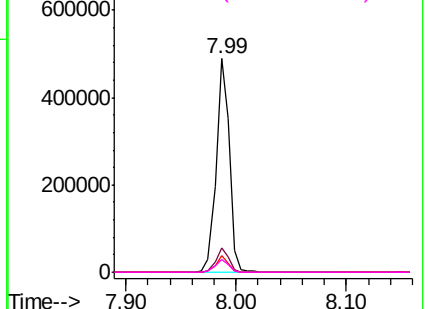
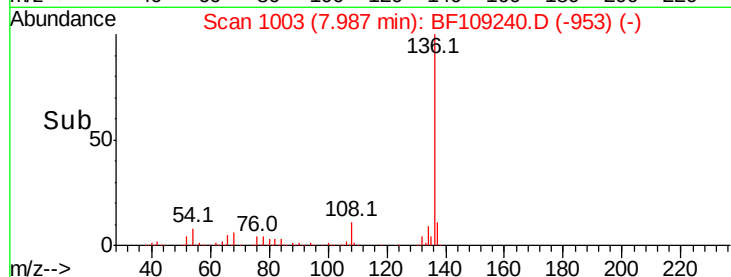
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109240.D
Acq: 22 Sep 2018 23:43

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-A

Tot Ion:136	Resp:	402217
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	7.6	6.6 9.8
68	5.8	5.0 7.4

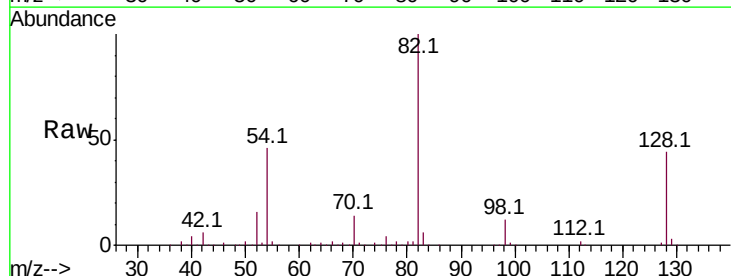


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

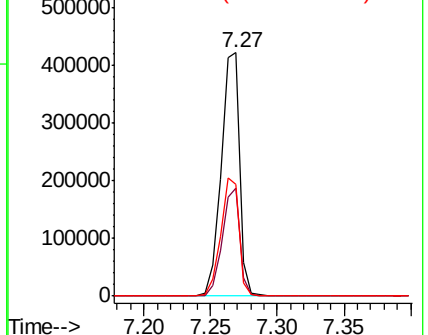
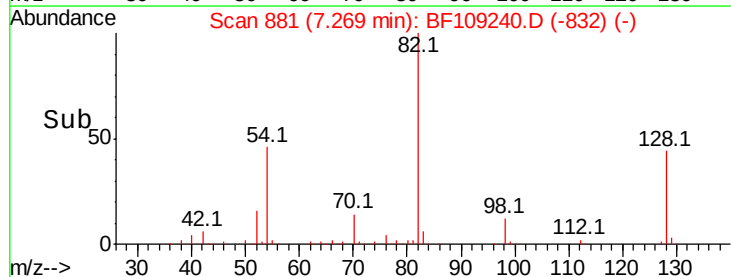


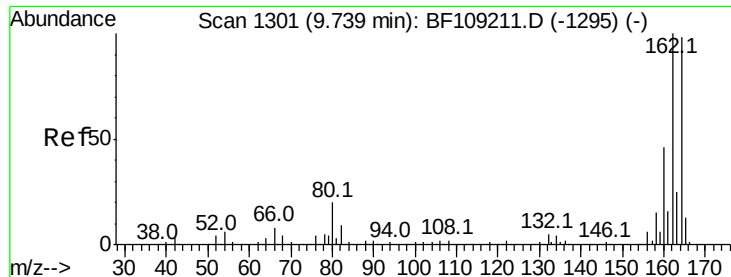
#23
Nitrobenzene-d5
Concen: 60.675 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109240.D
Acq: 22 Sep 2018 23:43

Tgt Ion: 82	Resp:	413412
Ion	Ratio	Lower Upper
82	100	
128	44.3	36.1 54.1
54	46.0	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

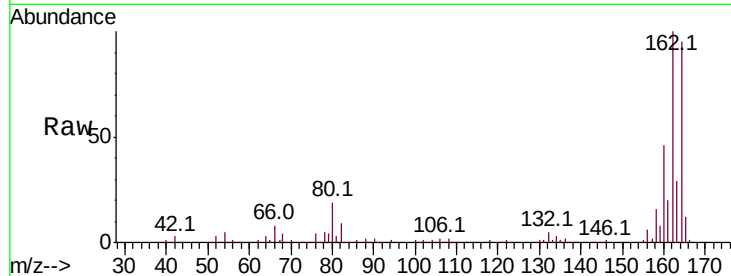




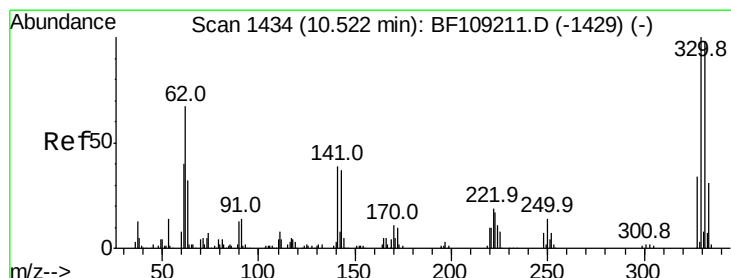
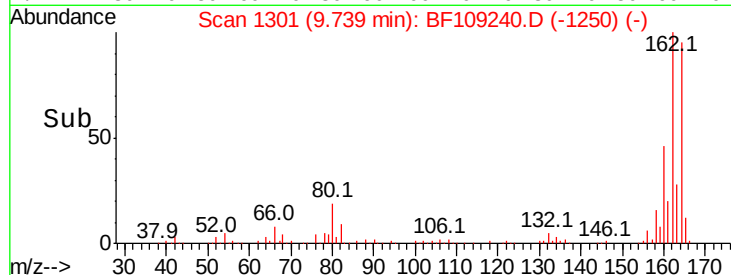
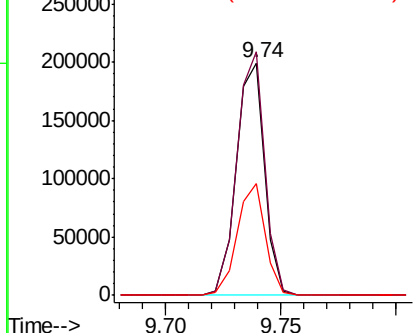
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109240.D
 Acq: 22 Sep 2018 23:43

Instrument :
 BNA_F
 ClientSampled :
 LS-SOIL-A

Tot Ion:164 Resp: 170598
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 48.3 38.3 57.5

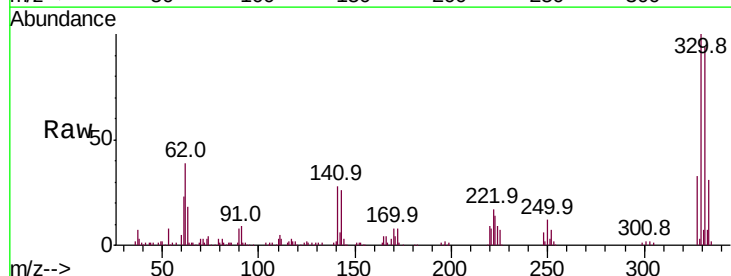


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

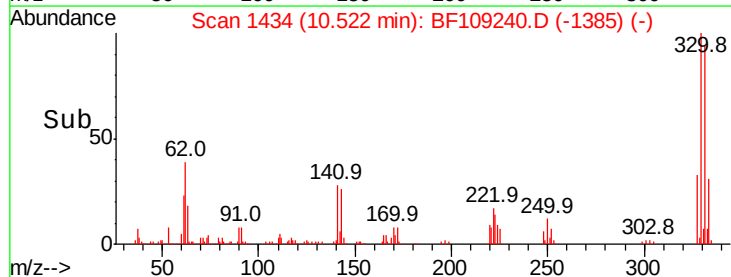
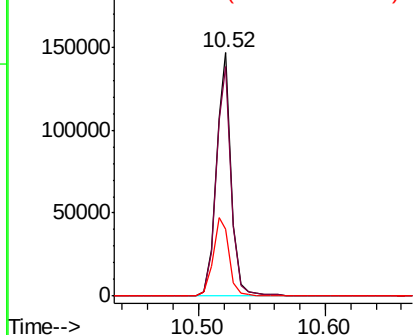


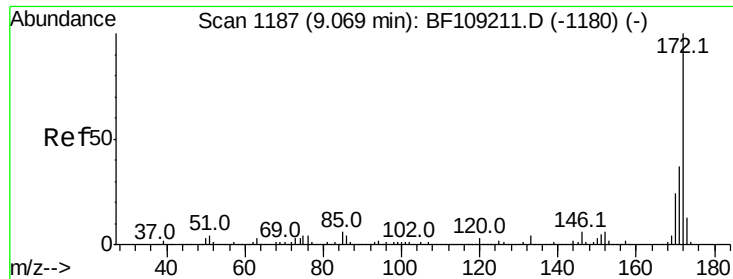
#41
 2,4,6-Tribromophenol
 Concen: 72.487 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109240.D
 Acq: 22 Sep 2018 23:43

Tgt Ion:330 Resp: 121905
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 34.9 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

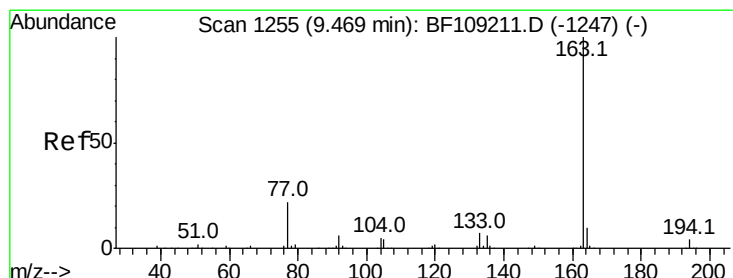
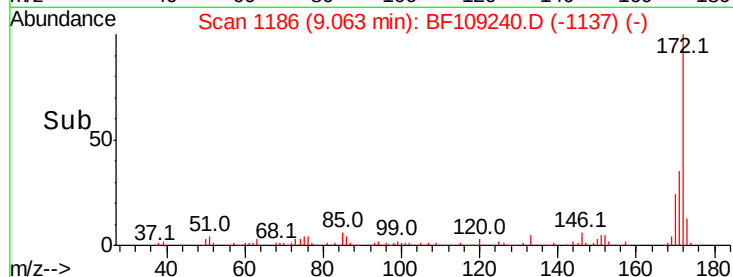
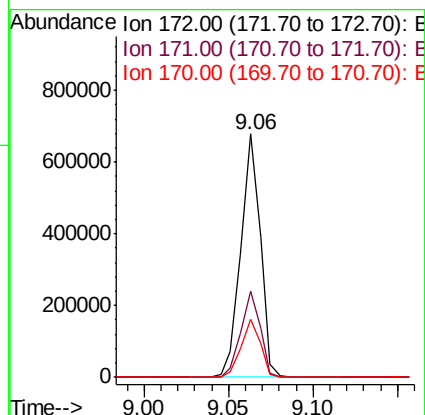
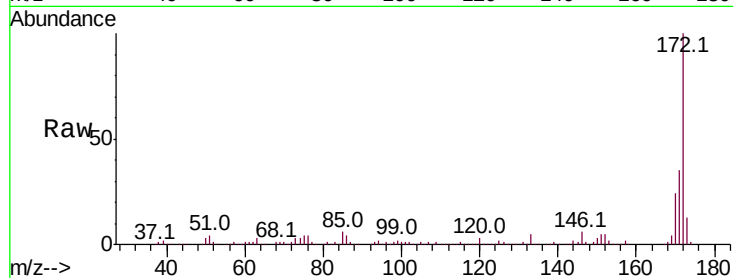




#44
2-Fluorobiphenyl
Concen: 48.078 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109240.D
Acq: 22 Sep 2018 23:43

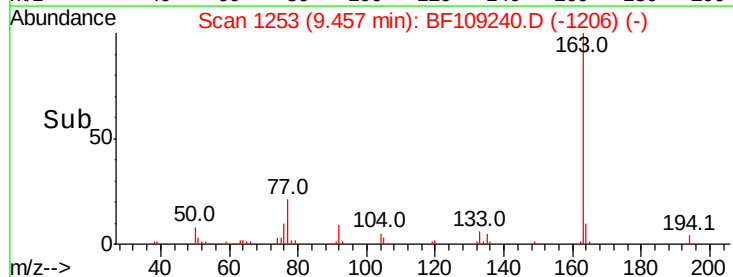
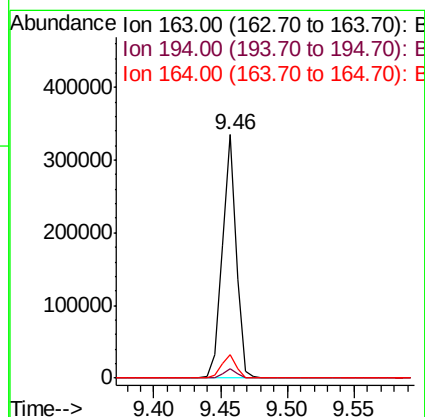
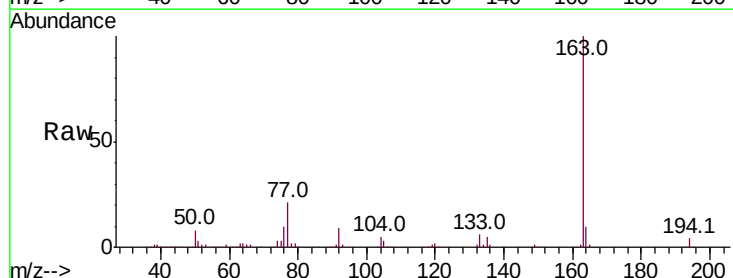
Instrument :
BNA_F
ClientSampleId :
LS-SOIL-A

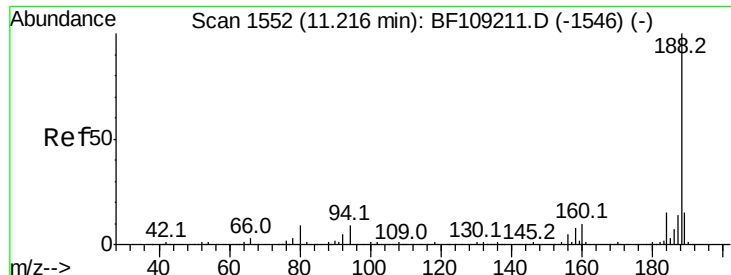
Tot Ion:172 Resp: 543827
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 20.077 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109240.D
Acq: 22 Sep 2018 23:43

Tgt Ion:163 Resp: 249115
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 8.2 12.2

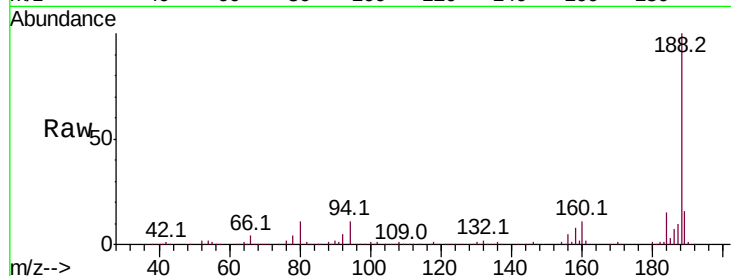




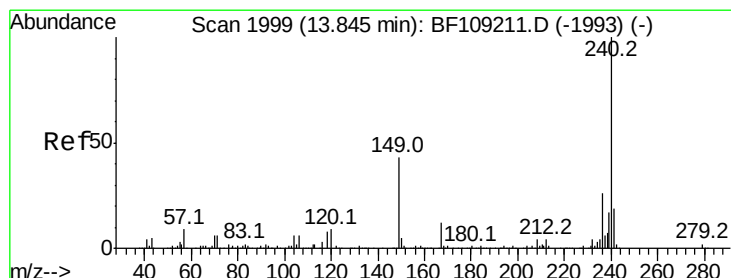
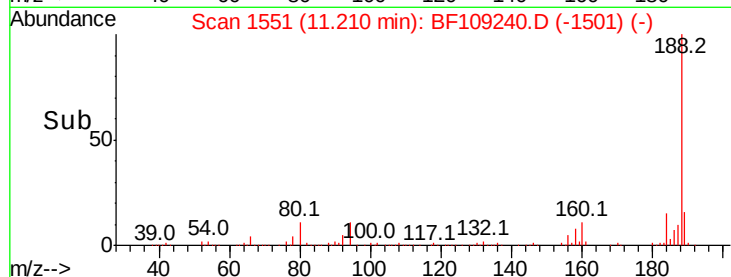
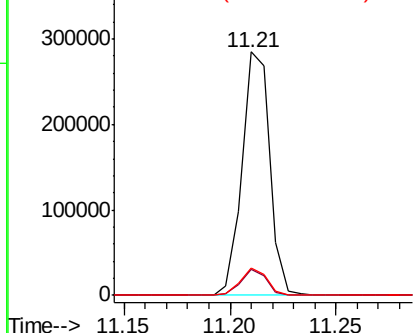
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109240.D
Acq: 22 Sep 2018 23:43

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-A

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8

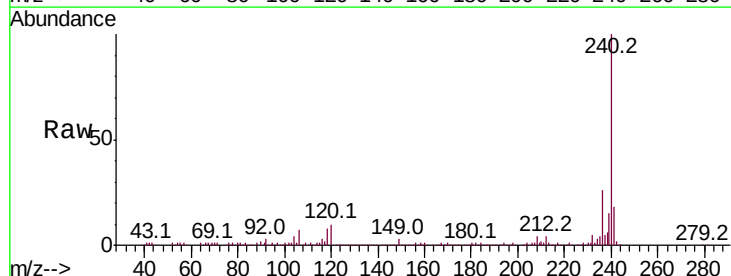


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

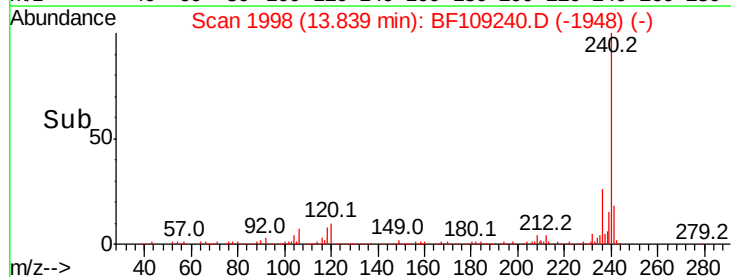
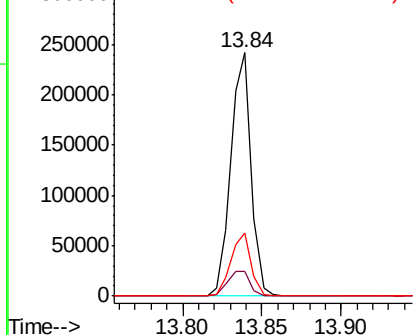


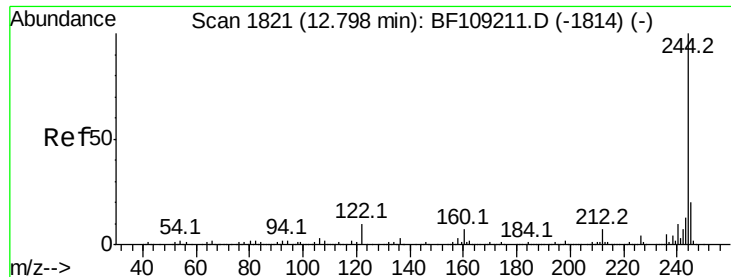
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109240.D
Acq: 22 Sep 2018 23:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.7	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

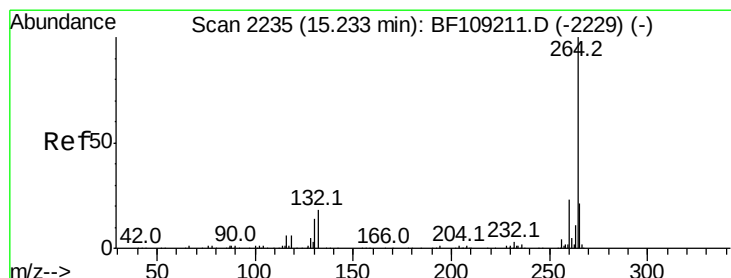
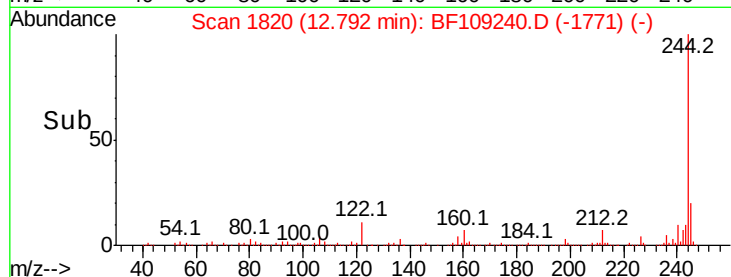
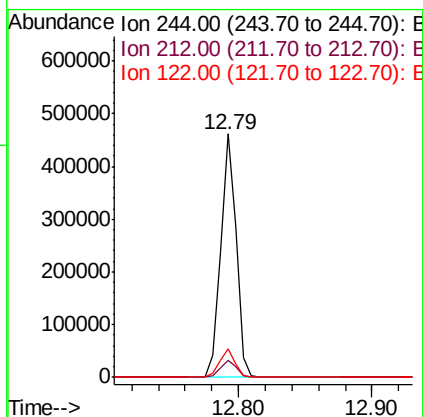
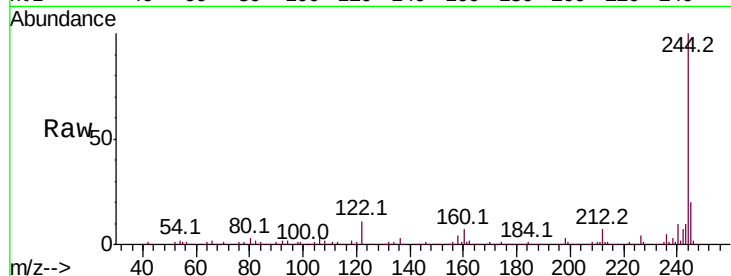




#78
 Terphenyl-d14
 Concen: 43.151 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109240.D
 Acq: 22 Sep 2018 23:43

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-A

Tot Ion:244 Resp: 377597
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.5 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: BF109240.D
 Acq: 22 Sep 2018 23:43

Tgt Ion:264 Resp: 166011
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.7 17.5 26.3

