

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109241.D
 Acq On : 23 Sep 2018 00:10
 Operator : JU/SJ
 Sample : J5021-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-B

Quant Time: Sep 24 08:08:41 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

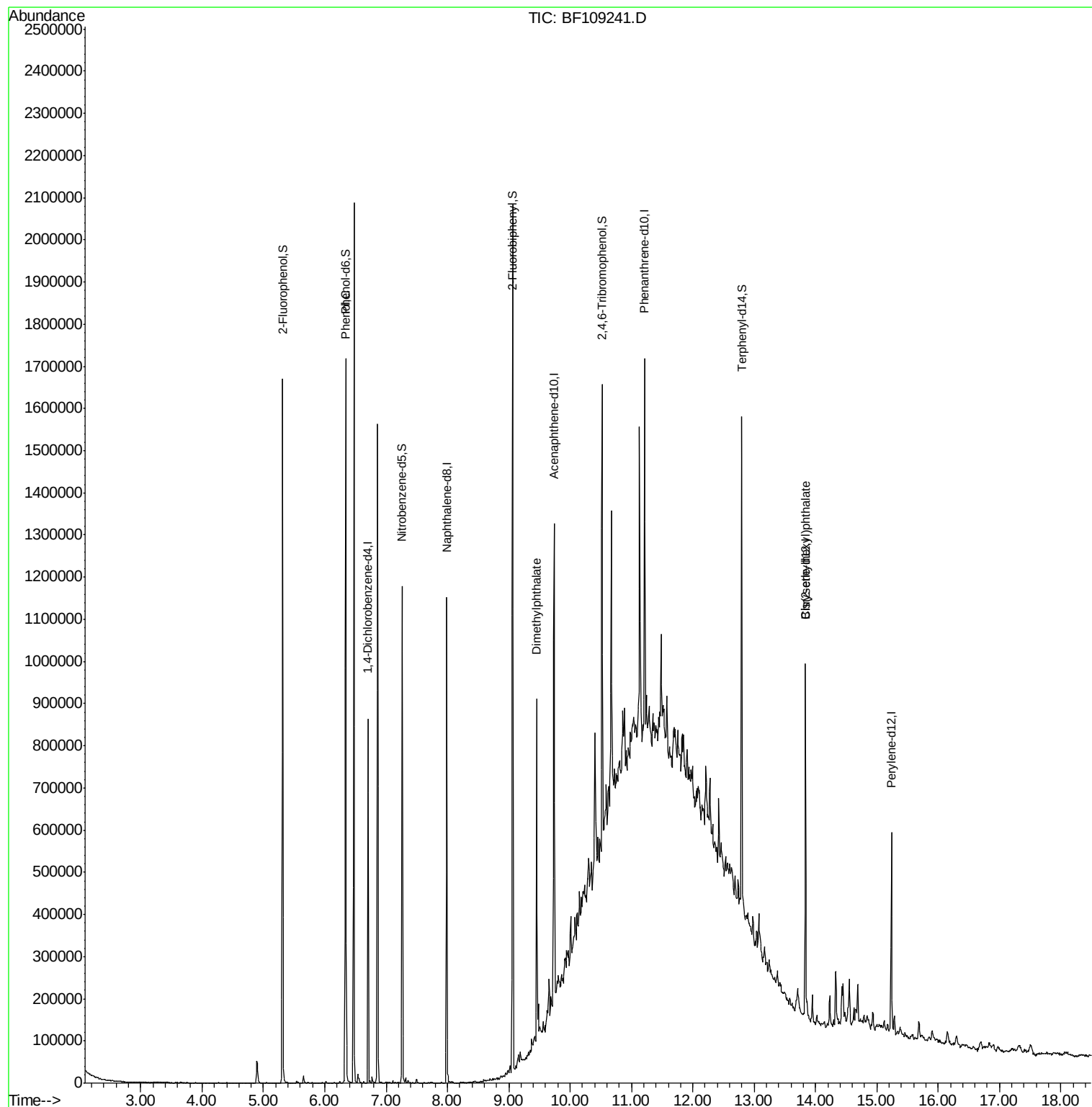
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	120349	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	453841	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	199810	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	306521	20.00	ng	0.00
75) Chrysene-d12	13.84	240	228893	20.00	ng	0.00
86) Perylene-d12	15.24	264	200974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	478350	65.47	ng	0.00
7) Phenol-d6	6.34	99	619115	66.40	ng	-0.02
23) Nitrobenzene-d5	7.26	82	378691	49.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	119931	60.89	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	564678	42.62	ng	-0.01
78) Terphenyl-d14	12.80	244	391245	41.95	ng	0.00
Target Compounds						
10) Phenol	6.35	94	28852	2.732	ng	91
49) Dimethylphthalate	9.46	163	254053	17.481	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	42131	4.787	ng	98

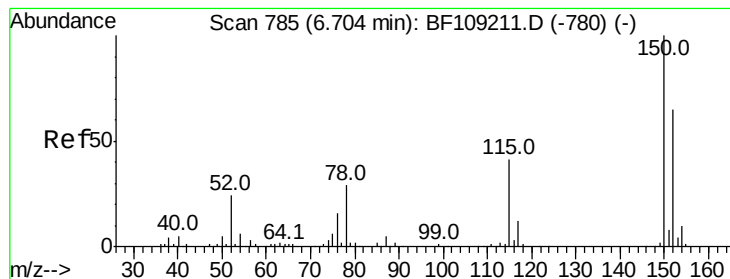
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF109241.D

Acq: 23 Sep 2018 00:10

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-B

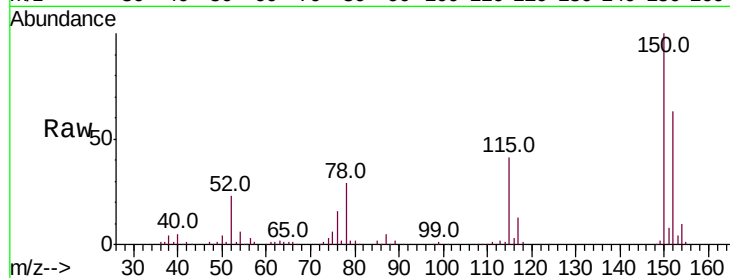
Tot Ion:152 Resp: 120349

Ion Ratio Lower Upper

152 100

150 159.8 124.6 186.8

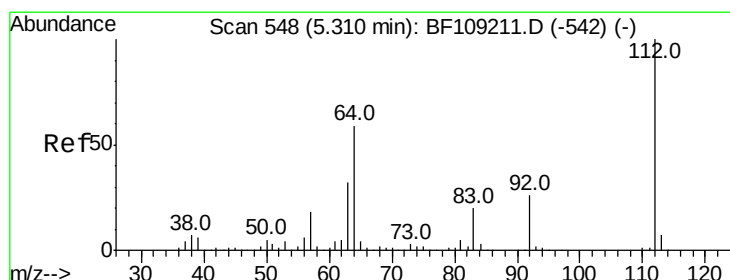
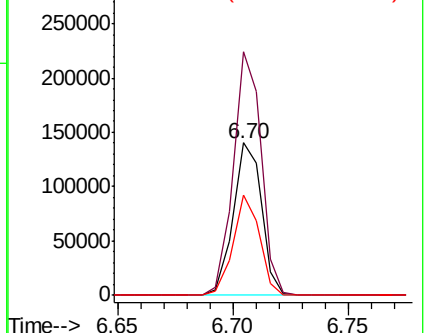
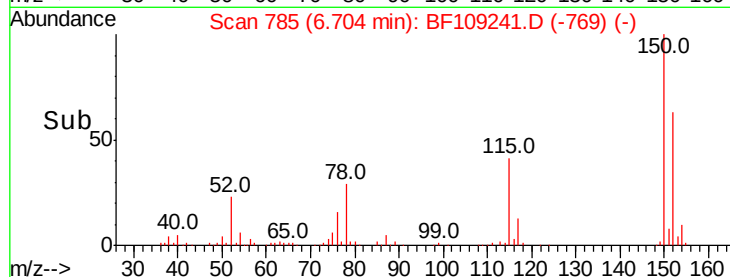
115 65.8 50.1 75.1



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: 65.466 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

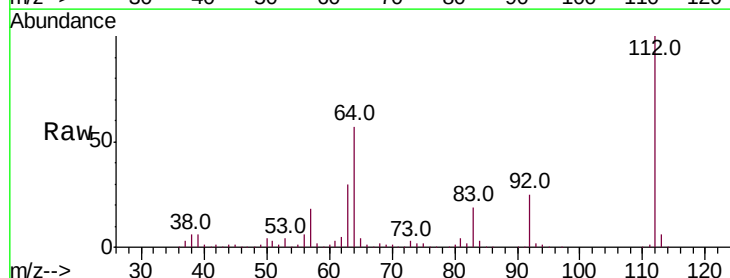
Tgt Ion:112 Resp: 478350

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

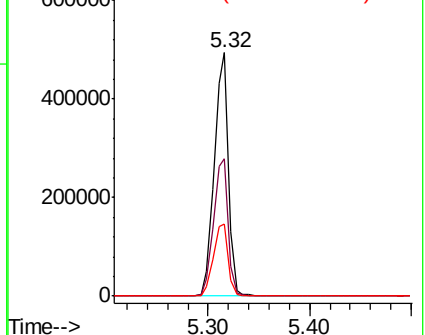
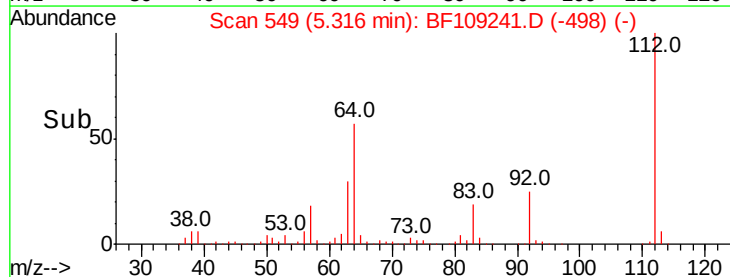
63 29.8 23.7 35.5

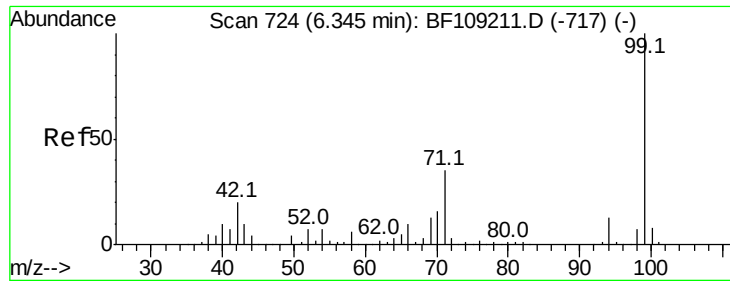


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 66.402 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-B

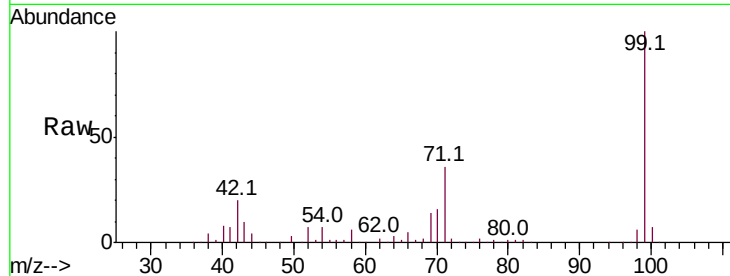
Tot Ion: 99 Resp: 619115

Ion Ratio Lower Upper

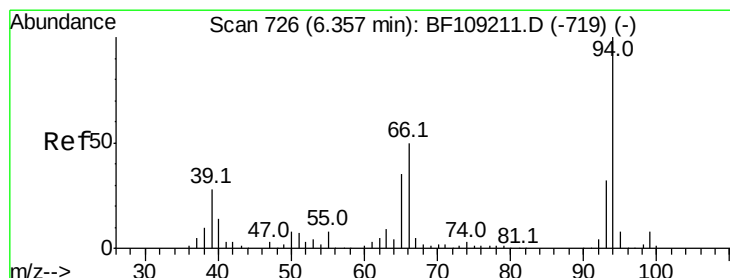
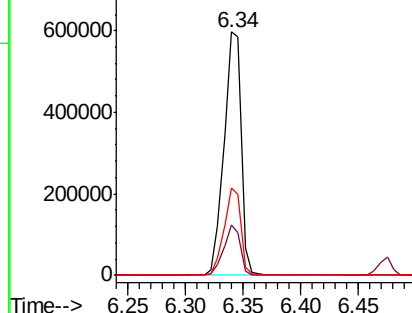
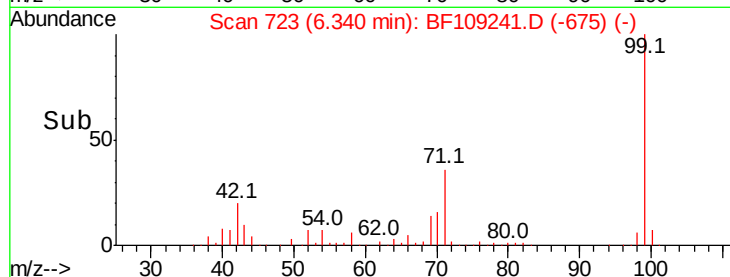
99 100

42 20.4 14.5 21.7

71 36.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
800000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.732 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

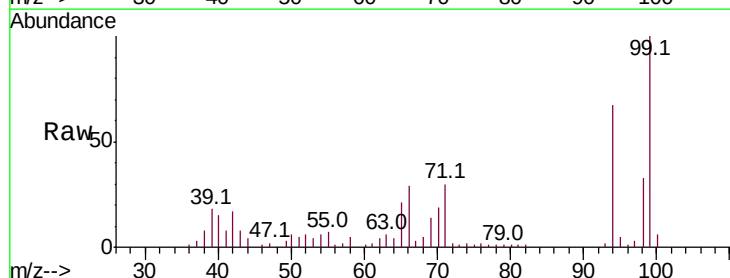
Tgt Ion: 94 Resp: 28852

Ion Ratio Lower Upper

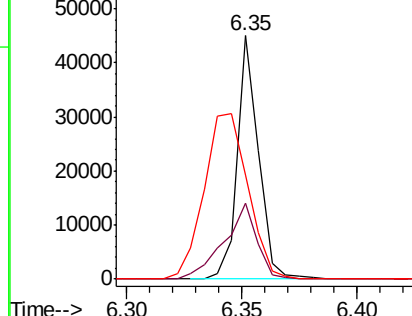
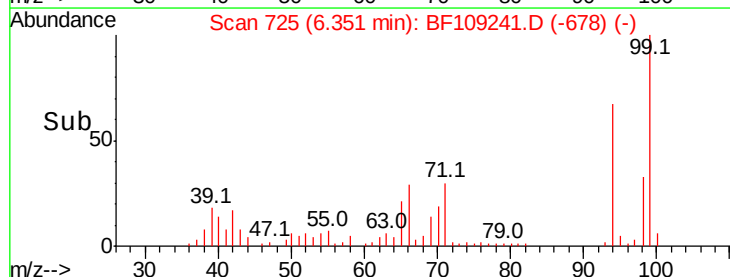
94 100

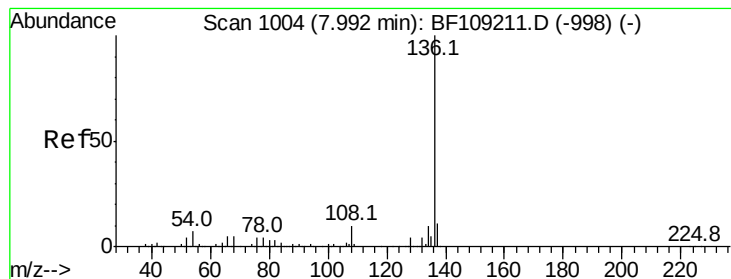
65 31.3 7.9 47.9

66 43.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
60000
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: BF109241.D

Acq: 23 Sep 2018 00:10

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-B

Tot Ion:136 Resp: 453841

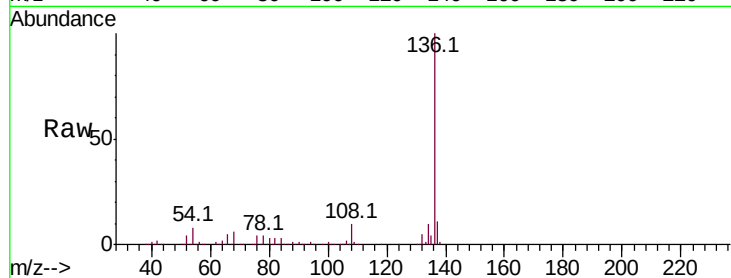
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.7 6.6 9.8

68 6.2 5.0 7.4

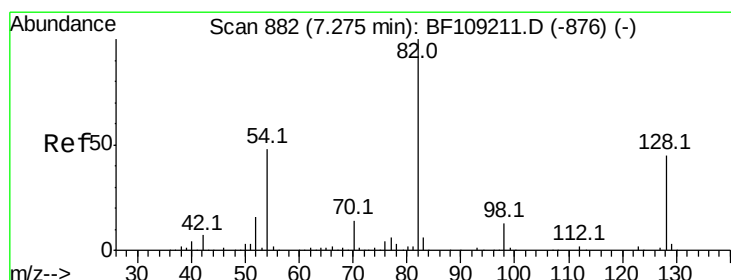
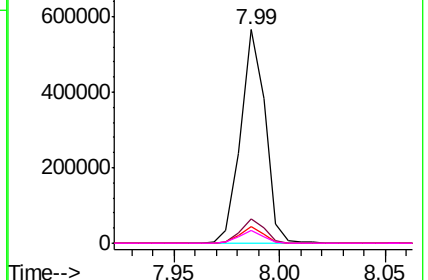
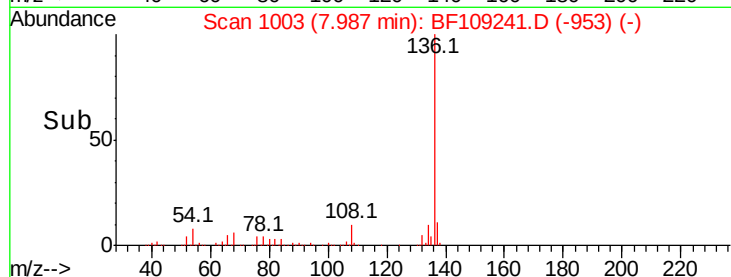


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.257 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

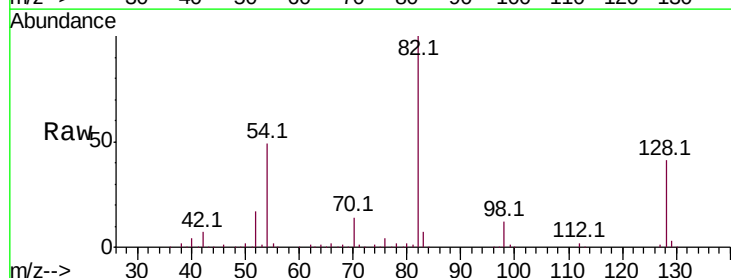
Tgt Ion: 82 Resp: 378691

Ion Ratio Lower Upper

82 100

128 41.5 36.1 54.1

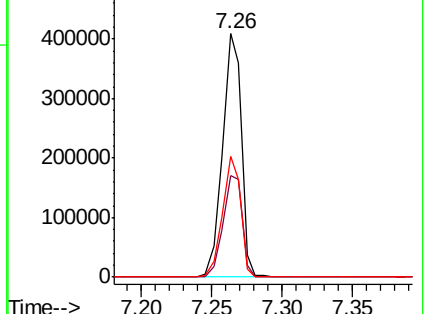
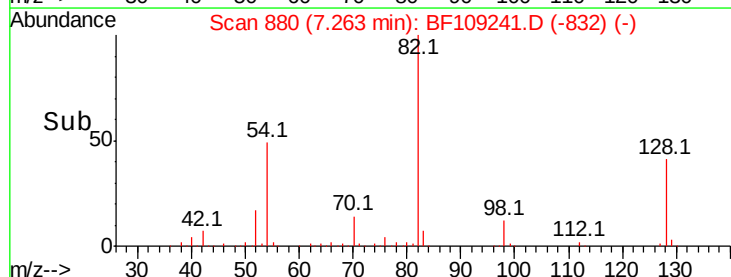
54 49.5 41.4 62.2

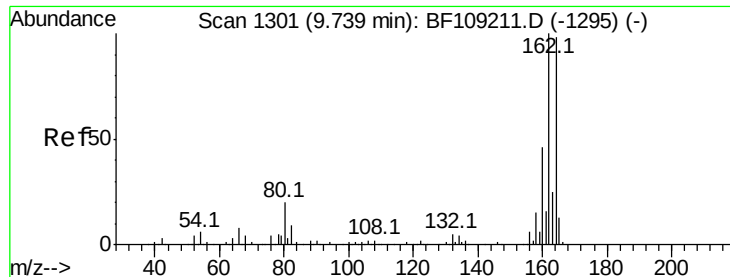


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF109241.D

Acq: 23 Sep 2018 00:10

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-B

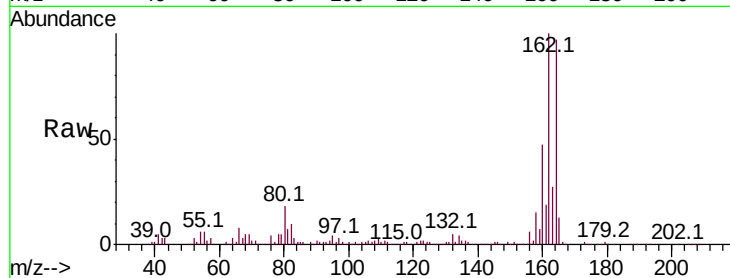
Tot Ion:164 Resp: 199810

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

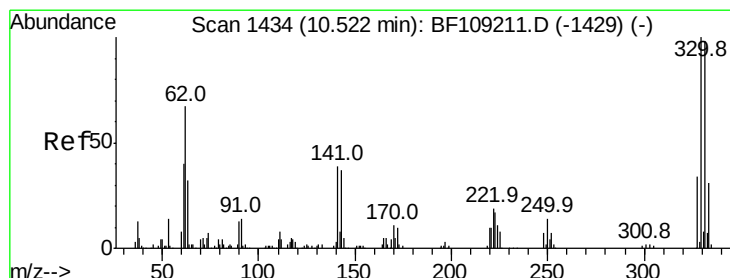
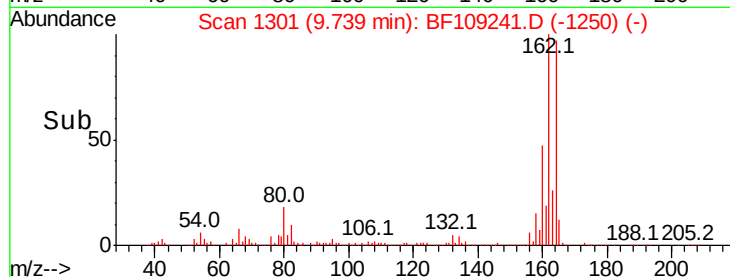
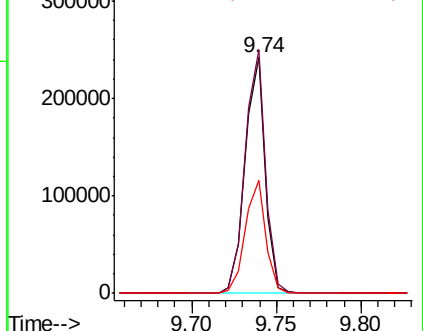
160 48.2 38.3 57.5



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: 60.888 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

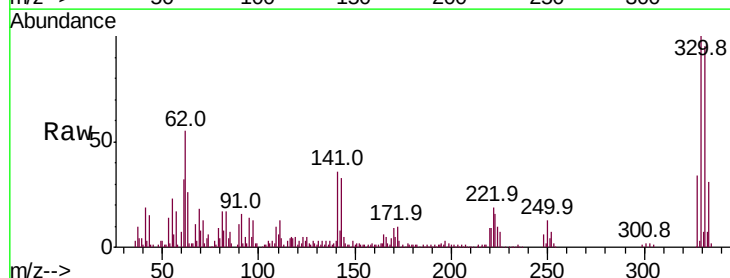
Tgt Ion:330 Resp: 119931

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

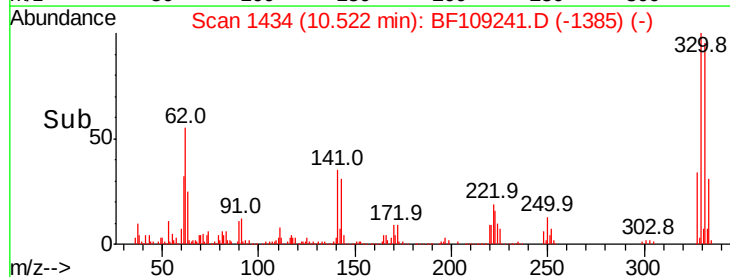
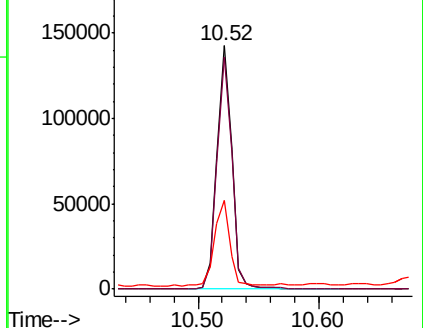
141 35.3 29.9 44.9

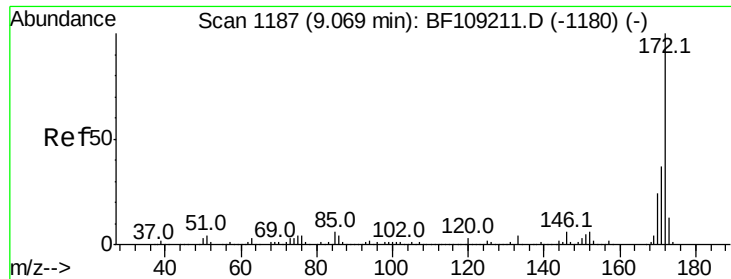


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

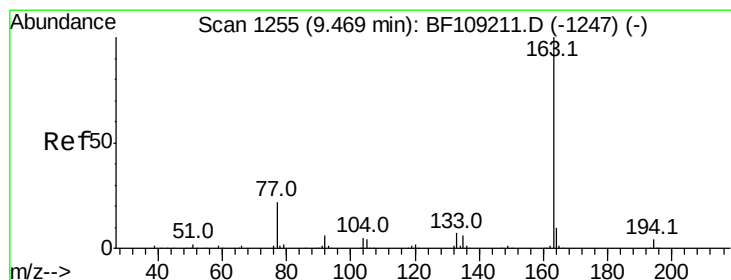
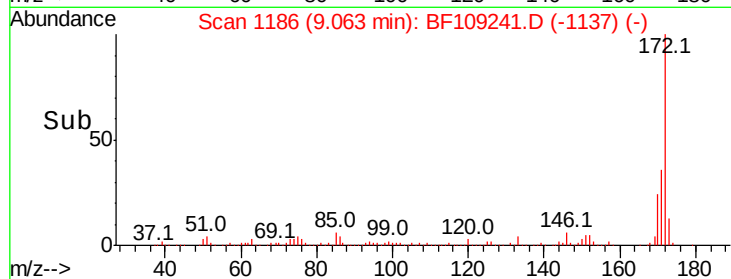
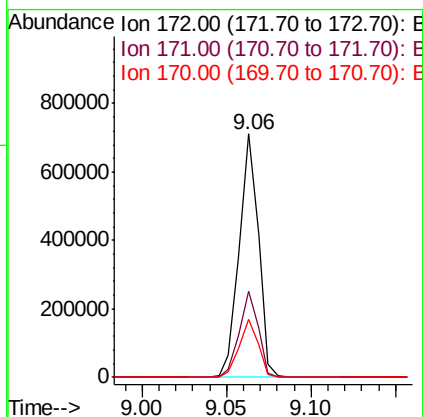
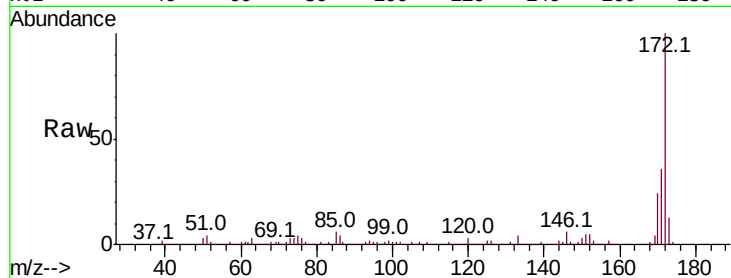




#44
2-Fluorobiphenyl
Concen: 42.623 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109241.D
Acq: 23 Sep 2018 00:10

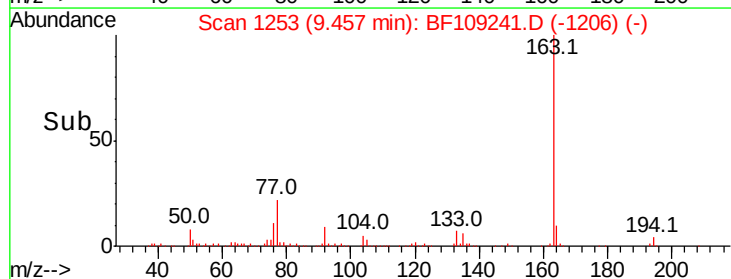
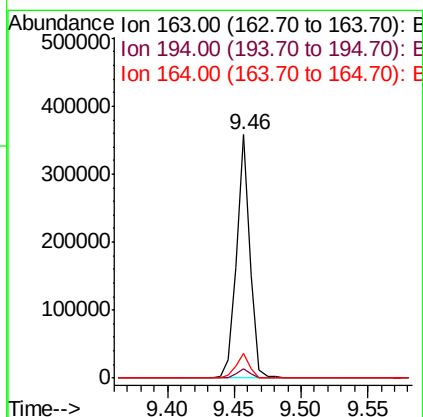
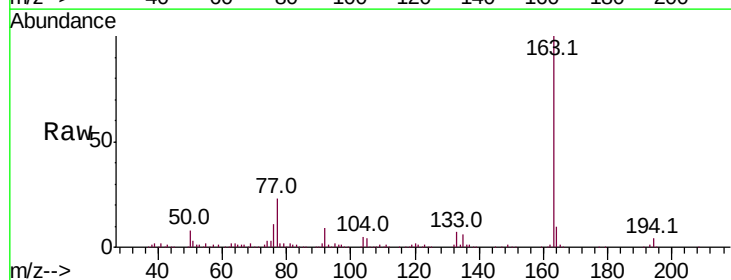
Instrument :
BNA_F
ClientSampleId :
LS-SOIL-B

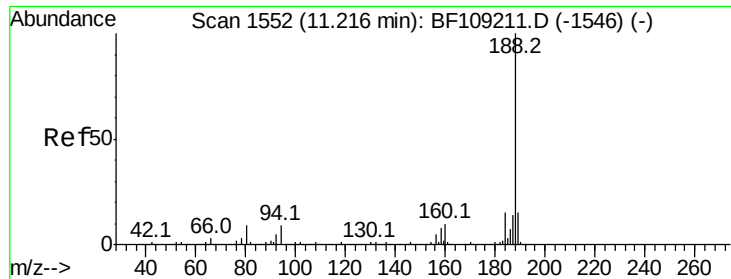
Tot Ion:172 Resp: 564678
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 17.481 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109241.D
Acq: 23 Sep 2018 00:10

Tgt Ion:163 Resp: 254053
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.9 8.2 12.2

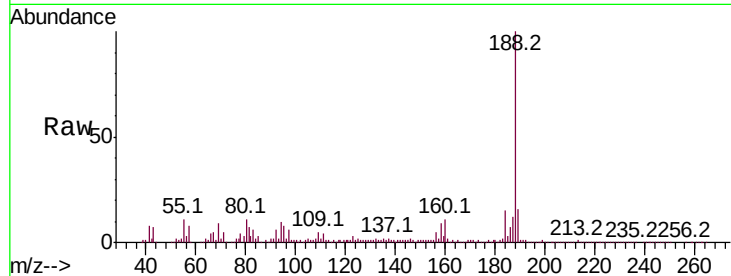




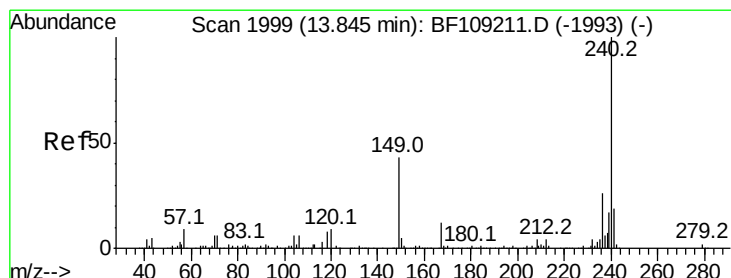
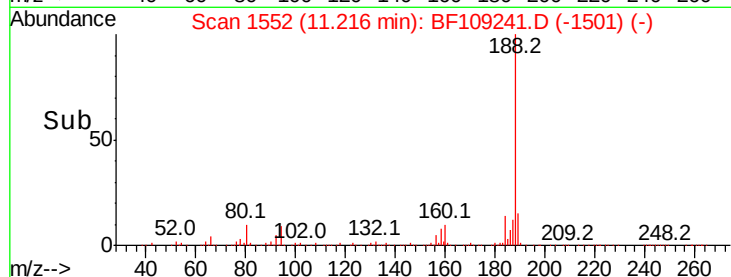
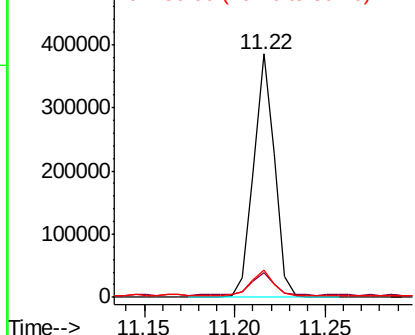
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109241.D
Acq: 23 Sep 2018 00:10

Instrument :
BNA_F
ClientSampled :
LS-SOIL-B

Tot Ion:188 Resp: 306521
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.3 9.2 13.8

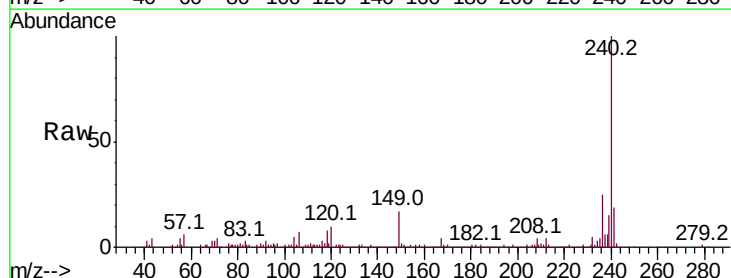


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

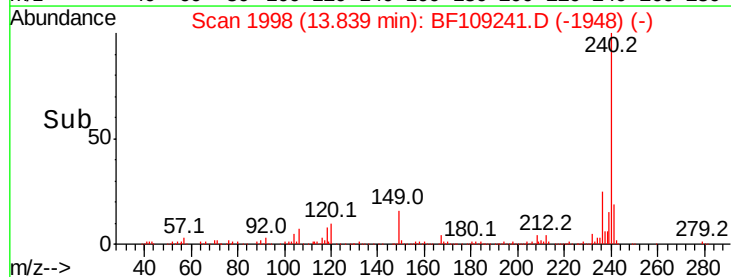
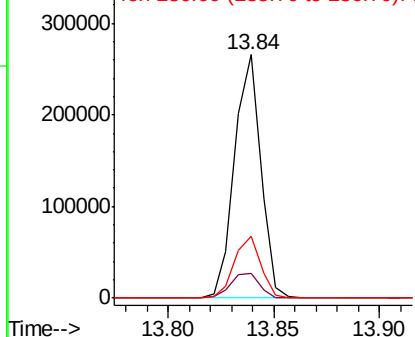


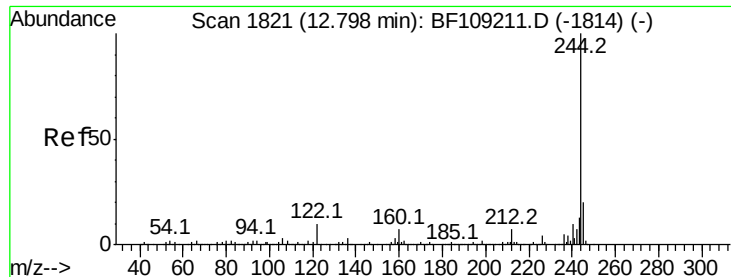
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109241.D
Acq: 23 Sep 2018 00:10

Tgt Ion:240 Resp: 228893
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 25.3 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: 41.949 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-B

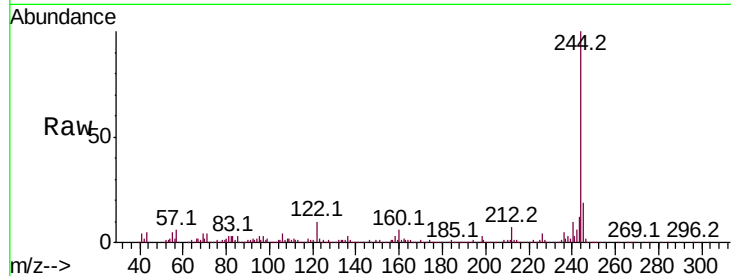
Tot Ion:244 Resp: 391245

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

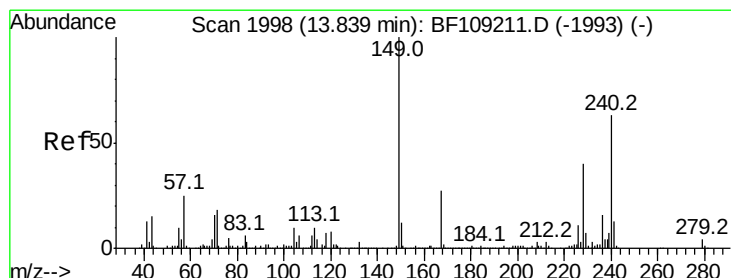
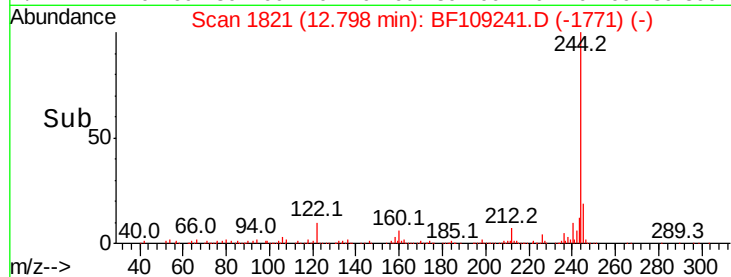
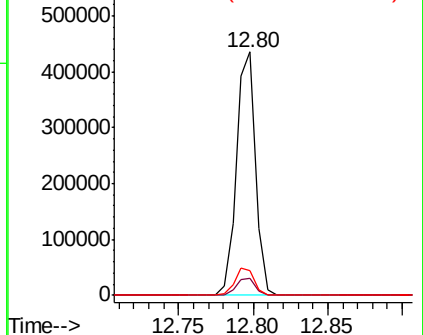
122 10.2 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.787 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

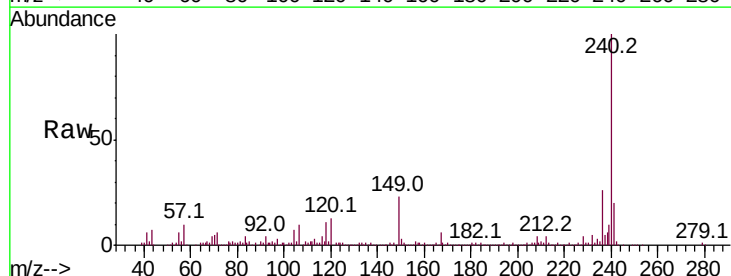
Tgt Ion:149 Resp: 42131

Ion Ratio Lower Upper

149 100

167 25.4 21.3 31.9

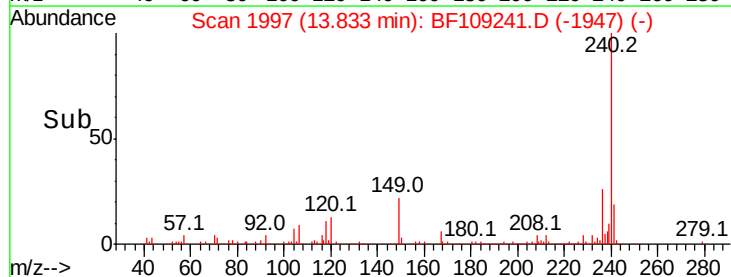
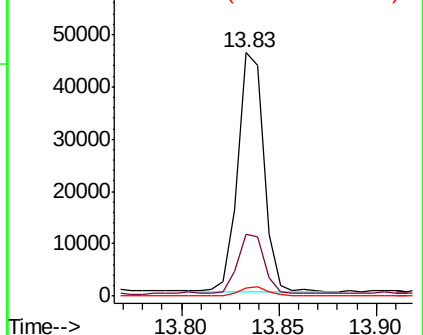
279 3.2 3.0 4.4

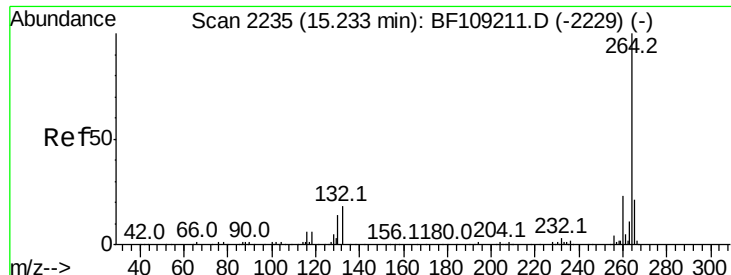


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109241.D
 Acq: 23 Sep 2018 00:10

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.5	26.3

