

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106300.D
 Acq On : 11 Jun 2018 17:48
 Operator : JU/SJ
 Sample : J3360-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-SOIL-COMP

Quant Time: Jun 12 02:41:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

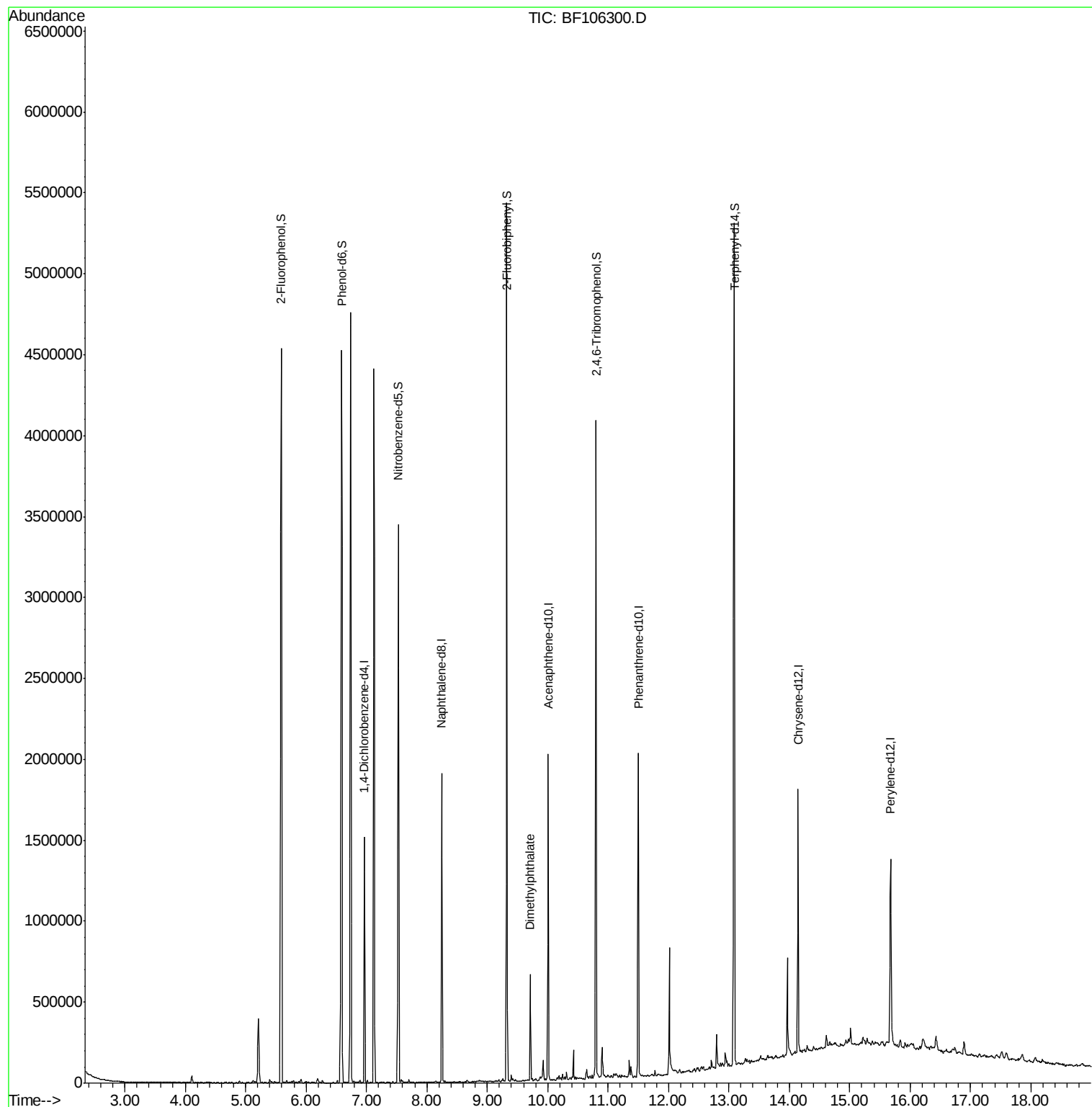
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	203653	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	773511	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	372941	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	724763	20.00	ng	0.00
75) Chrysene-d12	14.14	240	550707	20.00	ng	-0.02
86) Perylene-d12	15.68	264	553268	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1504317	125.02	ng	0.00
7) Phenol-d6	6.59	99	1904257	125.26	ng	0.00
23) Nitrobenzene-d5	7.53	82	1268864	96.50	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	572707	159.60	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1749020	82.52	ng	0.00
78) Terphenyl-d14	13.09	244	1888739	85.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	210503	7.900	ng	Qvalue 100

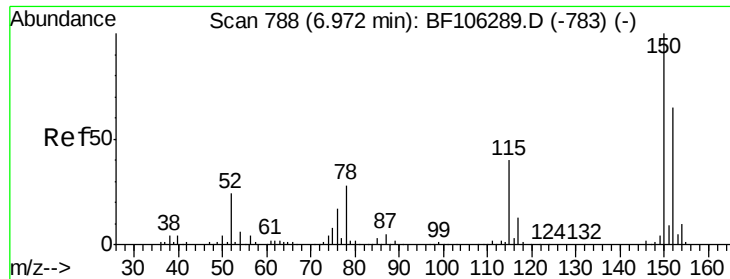
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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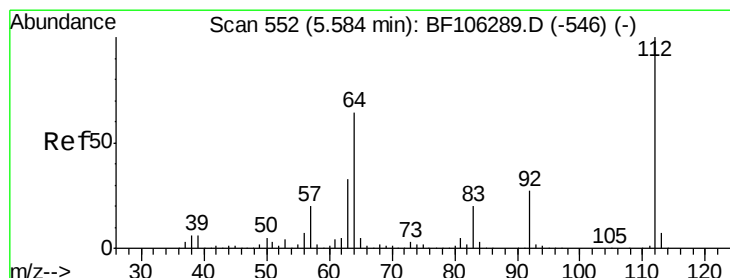
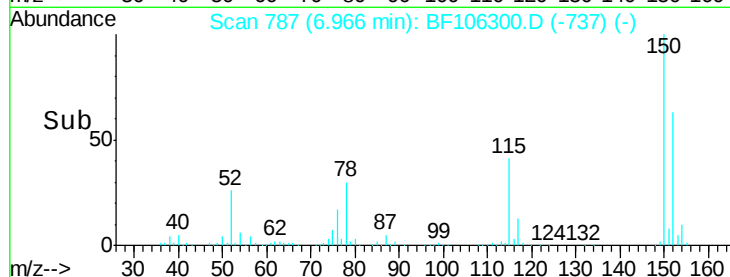
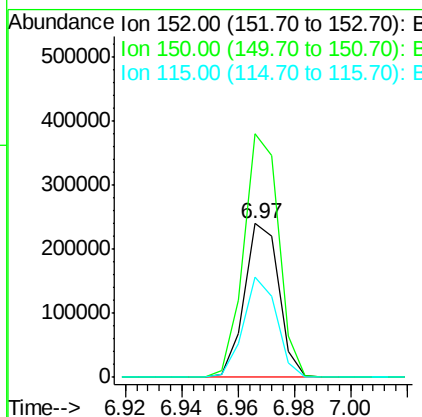
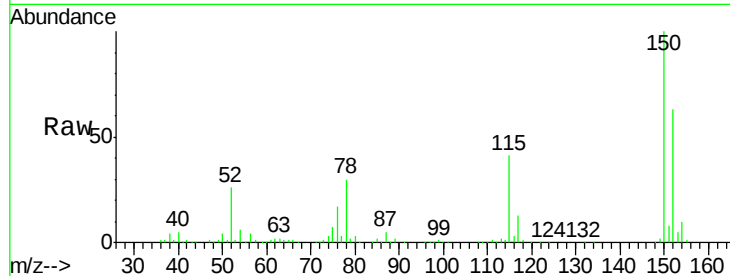




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF106300.D
 Acq: 11 Jun 2018 17:48

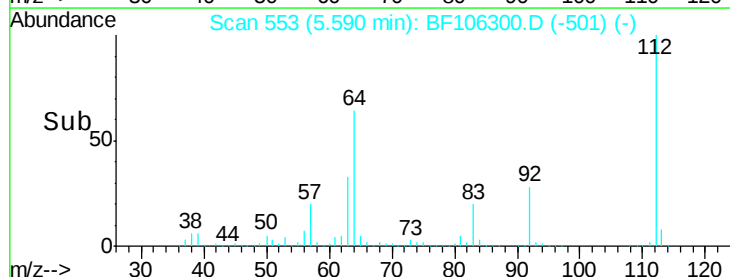
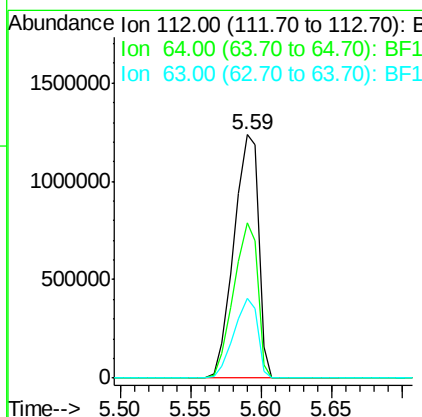
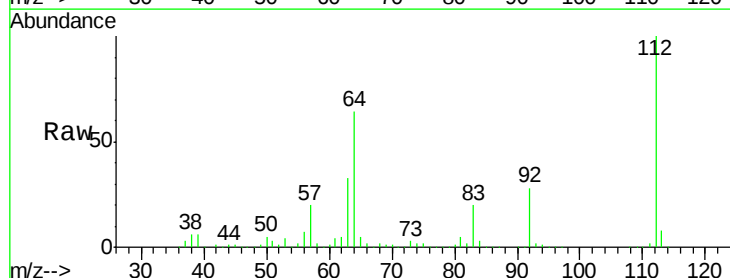
Instrument :
 BNA_F
 ClientSampleId :
 JC-SOIL-COMP

Tot Ion:152 Resp: 203653
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 64.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 125.019 ng
 RT: 5.59 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF106300.D
 Acq: 11 Jun 2018 17:48

Tgt Ion:112 Resp: 1504317
 Ion Ratio Lower Upper
 112 100
 64 63.7 47.9 71.9
 63 32.7 23.7 35.5





#7

Phenol-d6

Concen: 125.262 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106300.D

Acq: 11 Jun 2018 17:48

Instrument :

BNA_F

ClientSampleId :

JC-SOIL-COMP

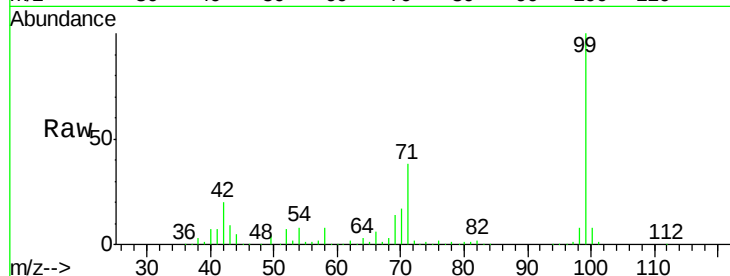
Tot Ion: 99 Resp: 1904257

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

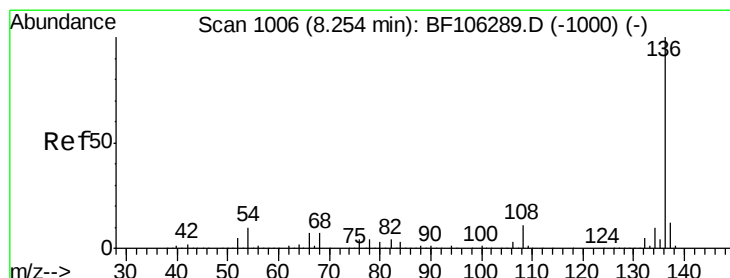
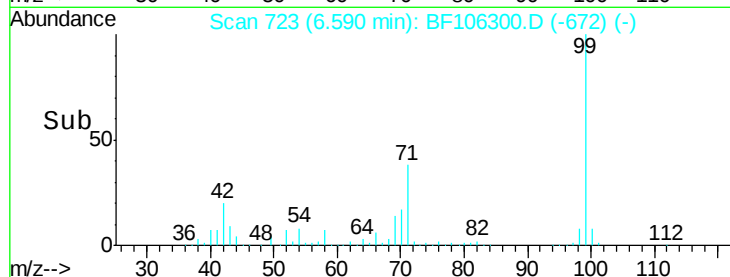
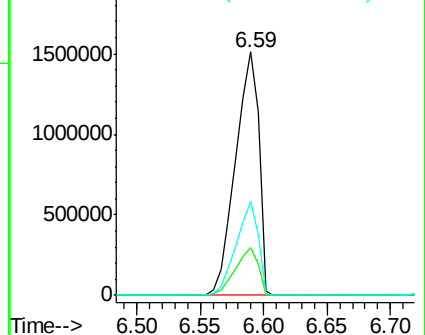
71 38.3 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106300.D

Acq: 11 Jun 2018 17:48

Tgt Ion: 136 Resp: 773511

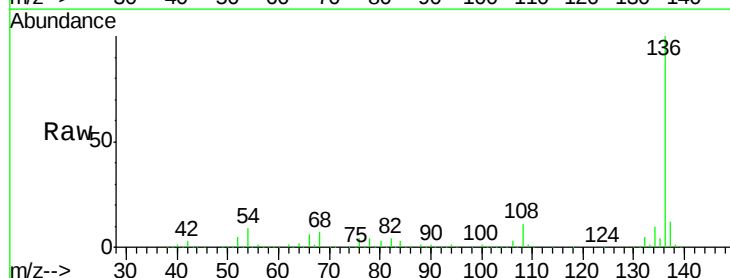
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.3 6.6 9.8

68 6.8 5.0 7.4

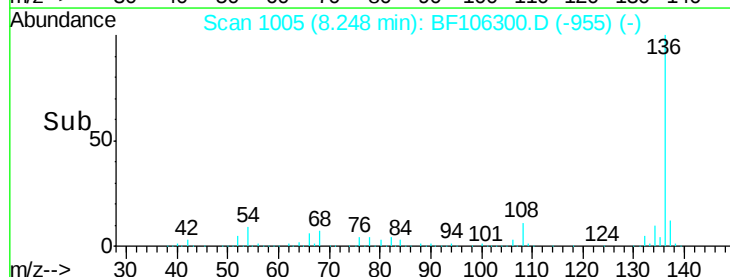
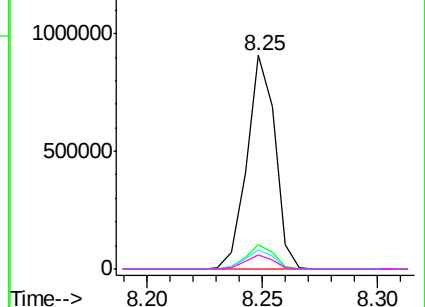


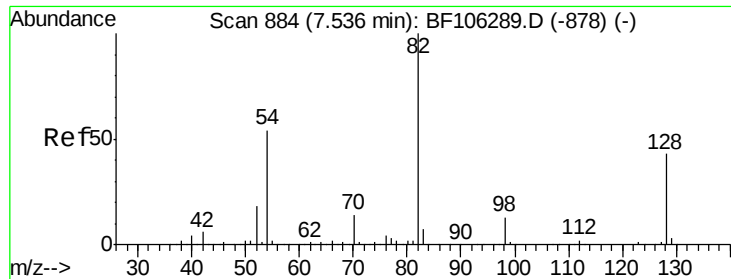
Abundance Ion 136.00 (135.70 to 136.70): E

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

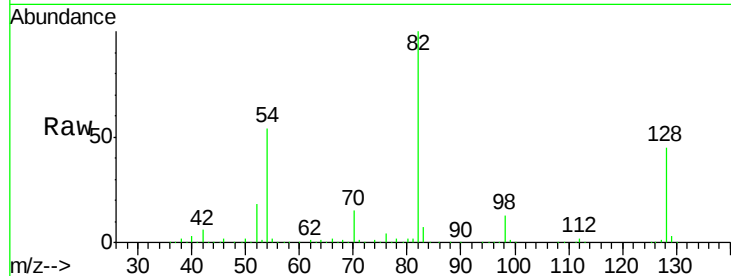




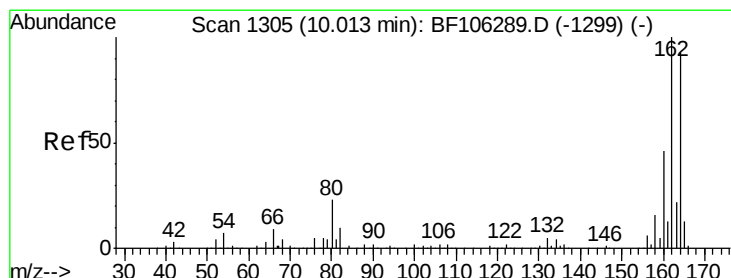
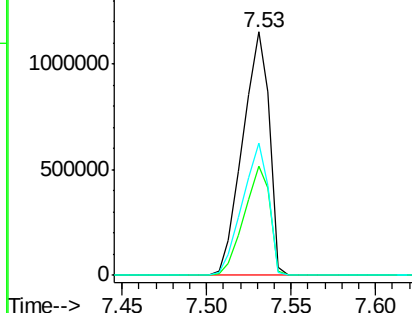
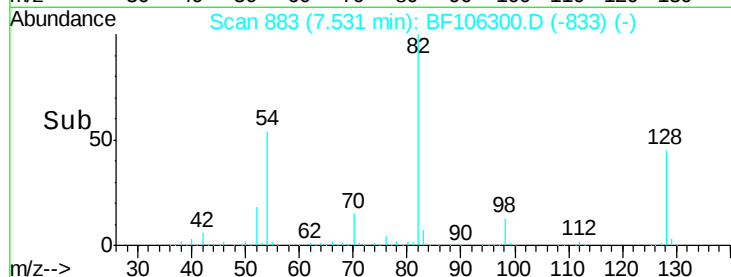
#23
 Nitrobenzene-d5
 Concen: 96.502 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF106300.D
 Acq: 11 Jun 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 JC-SOIL-COMP

Tot Ion: 82 Resp: 1268864
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.1 54.1
 54 54.1 41.4 62.2

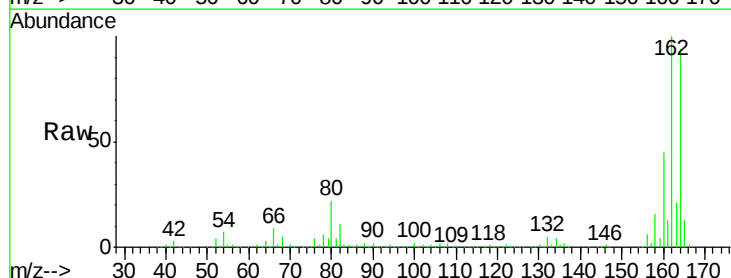


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

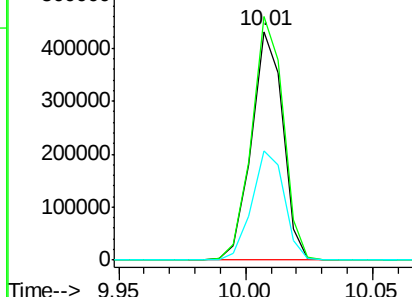
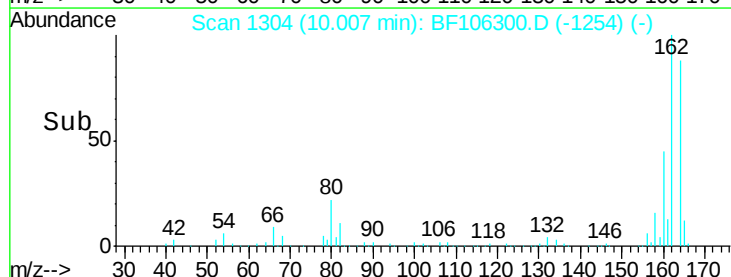


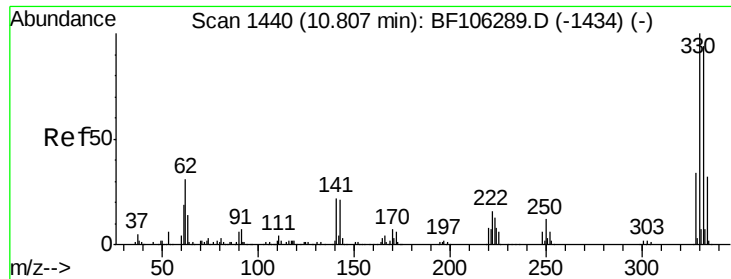
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106300.D
 Acq: 11 Jun 2018 17:48

Tgt Ion: 164 Resp: 372941
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.1 129.1
 160 47.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

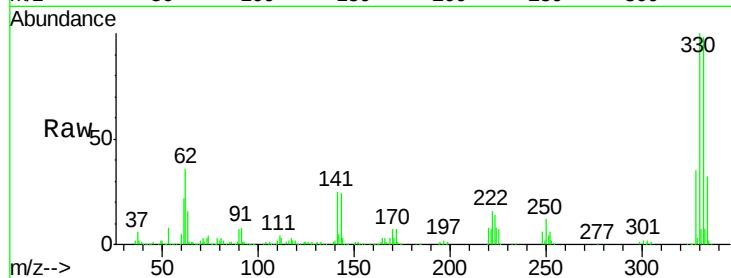




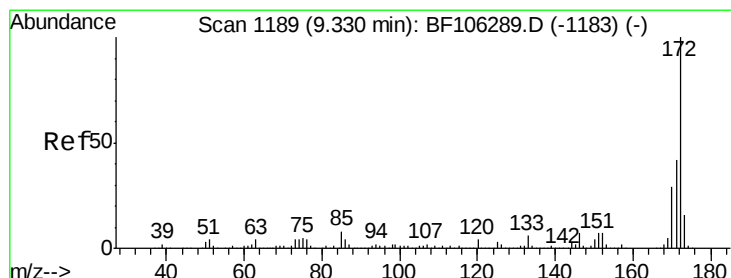
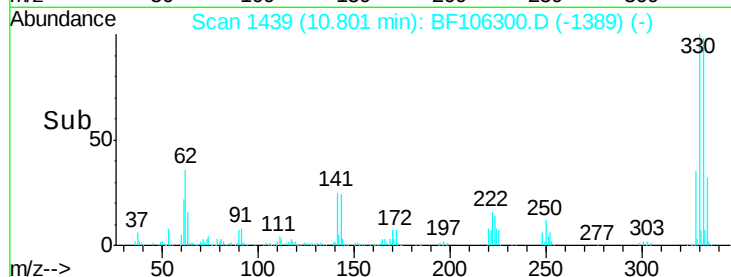
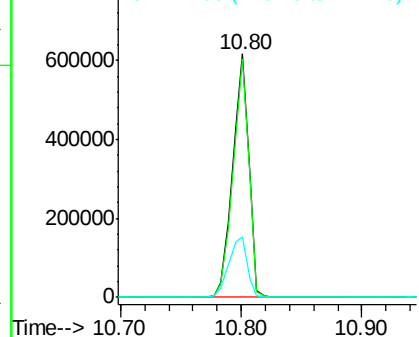
#41
 2,4,6-Tribromophenol
 Concen: 159.602 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106300.D
 Acq: 11 Jun 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 JC-SOIL-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	28.3	29.9	44.9#

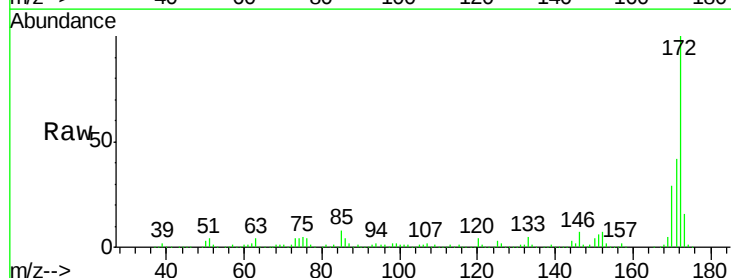


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

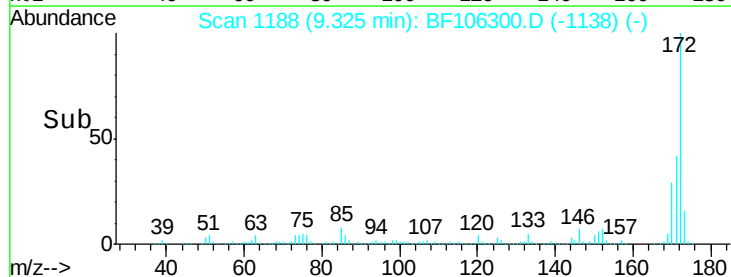
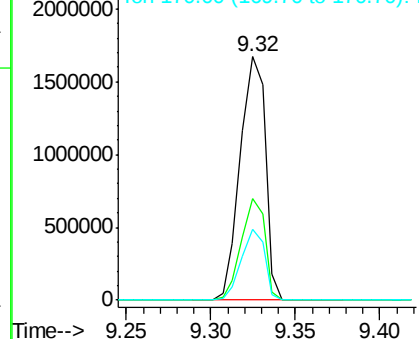


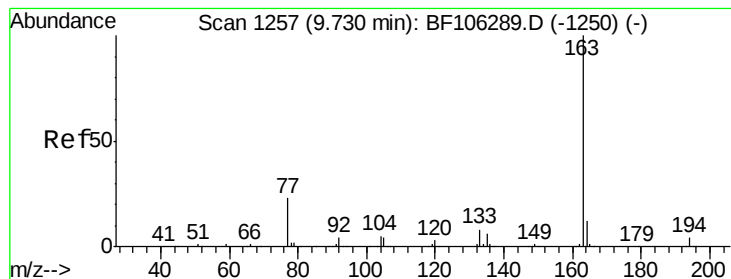
#44
 2-Fluorobiphenyl
 Concen: 82.515 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106300.D
 Acq: 11 Jun 2018 17:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.9	29.7	44.5
170	28.8	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: 7.900 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106300.D

Acq: 11 Jun 2018 17:48

Instrument :

BNA_F

ClientSampleId :

JC-SOIL-COMP

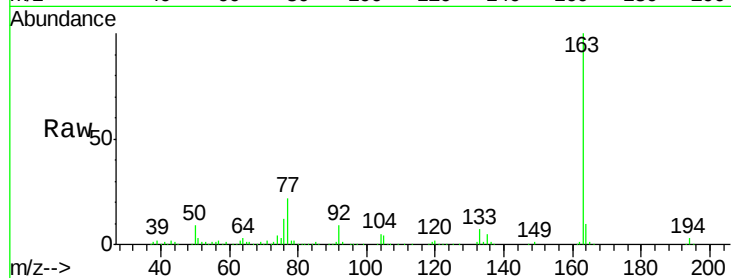
Tot Ion:163 Resp: 210503

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

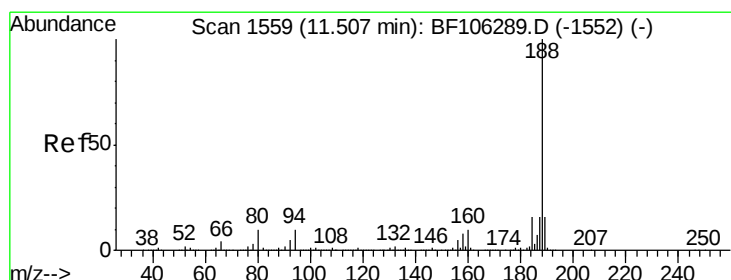
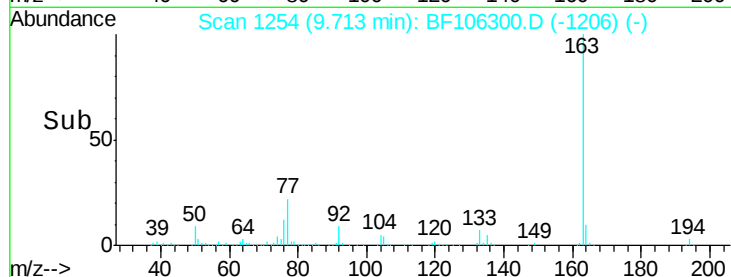
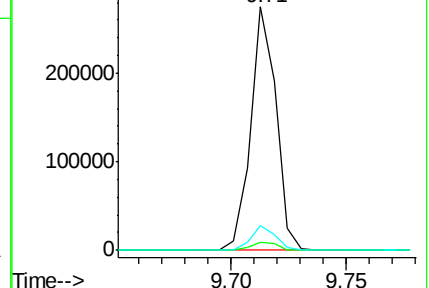
164 10.4 8.2 12.2



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: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106300.D

Acq: 11 Jun 2018 17:48

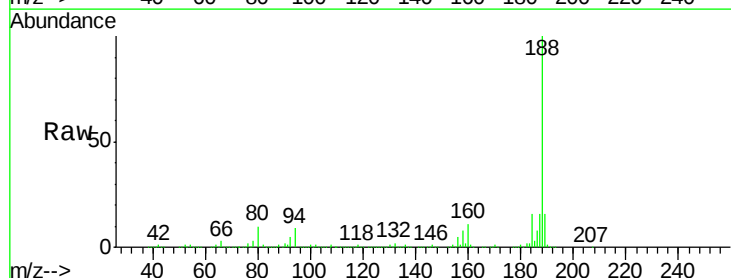
Tgt Ion:188 Resp: 724763

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

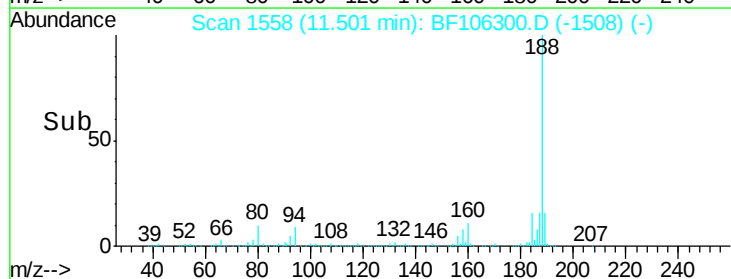
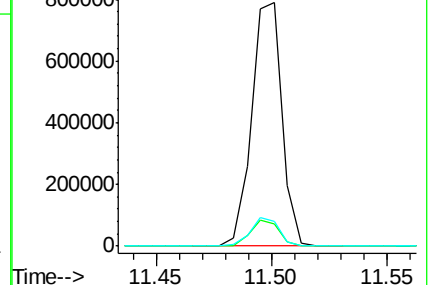
80 10.1 9.2 13.8

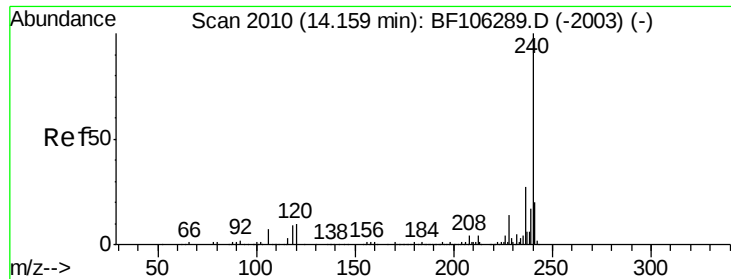


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106300.D

Acq: 11 Jun 2018 17:48

Instrument :

BNA_F

ClientSampleId :

JC-SOIL-COMP

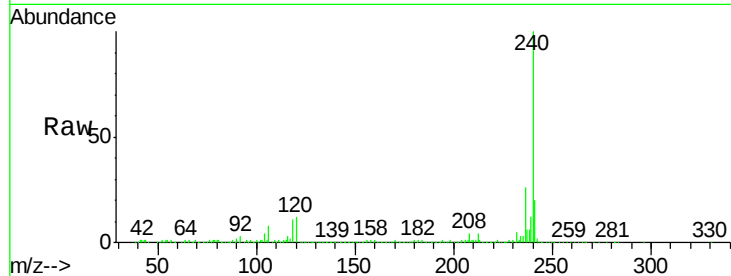
Tot Ion:240 Resp: 550707

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

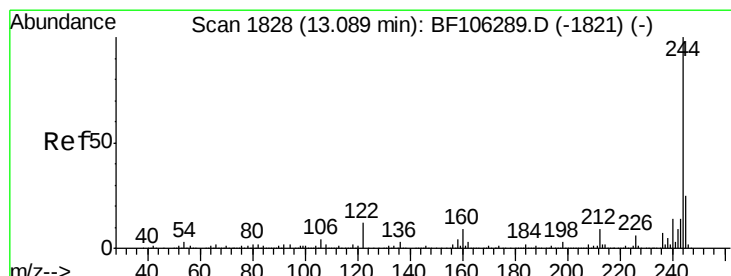
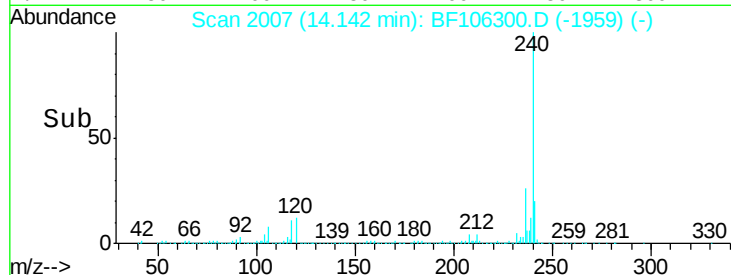
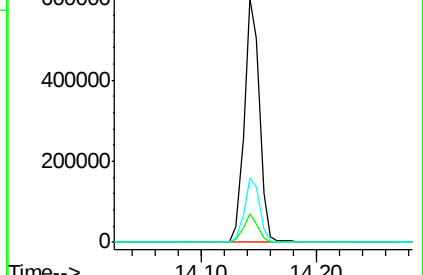
236 26.3 20.7 31.1



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: 85.185 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106300.D

Acq: 11 Jun 2018 17:48

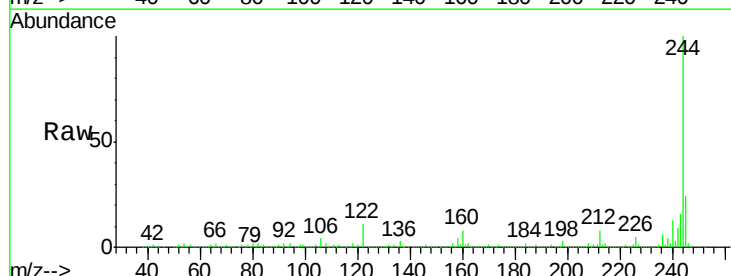
Tgt Ion:244 Resp: 1888739

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

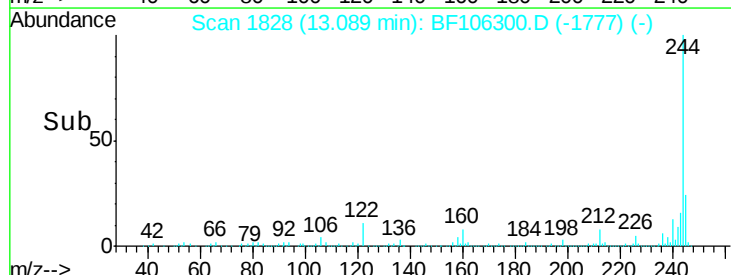
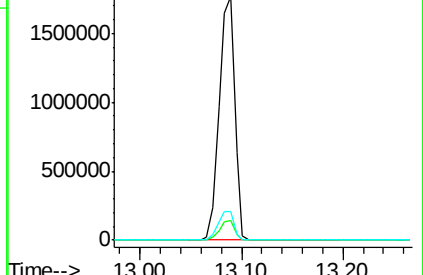
122 11.5 11.0 16.4

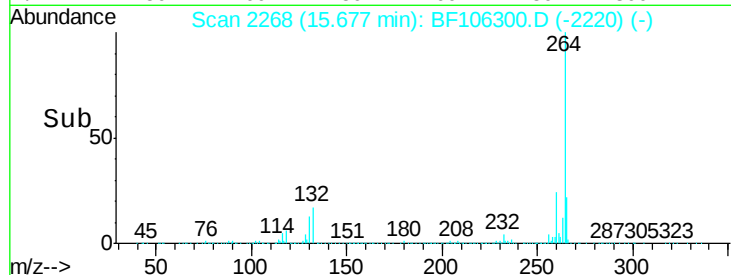
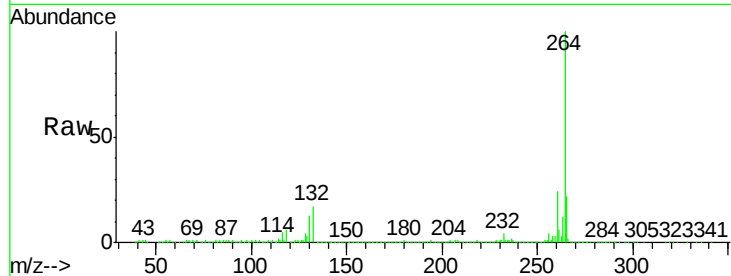
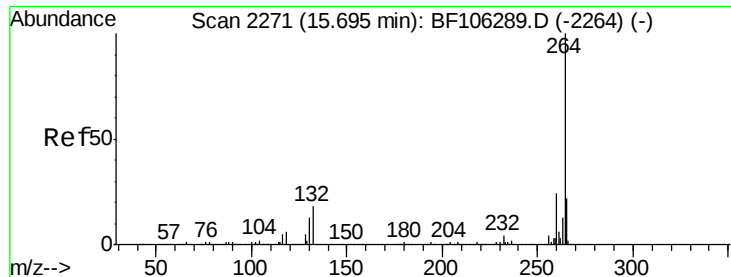


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF106300.D
Acq: 11 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
JC-SOIL-COMP

Tot Ion:	264	Resp:	553268
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3

