

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103481.D
 Acq On : 7 Mar 2018 2:46
 Operator : SJ/JU
 Sample : J1731-04 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BALER-SOIL

Quant Time: Mar 07 06:58:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	112361	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	481344	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	186722	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	288825	20.00	ng	0.00
75) Chrysene-d12	14.06	240	198763	20.00	ng	0.00
86) Perylene-d12	15.57	264	149881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	319	0.04	ng	0.21
7) Phenol-d6	6.59	99	5423	0.60	ng	0.08
23) Nitrobenzene-d5	7.49	82	5734	0.68	ng	0.04
41) 2,4,6-Tribromophenol	10.73	330	1392	0.88	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	20744	-1.00	ng	0.00
78) Terphenyl-d14	12.99	244	16002	1.94	ng	0.00

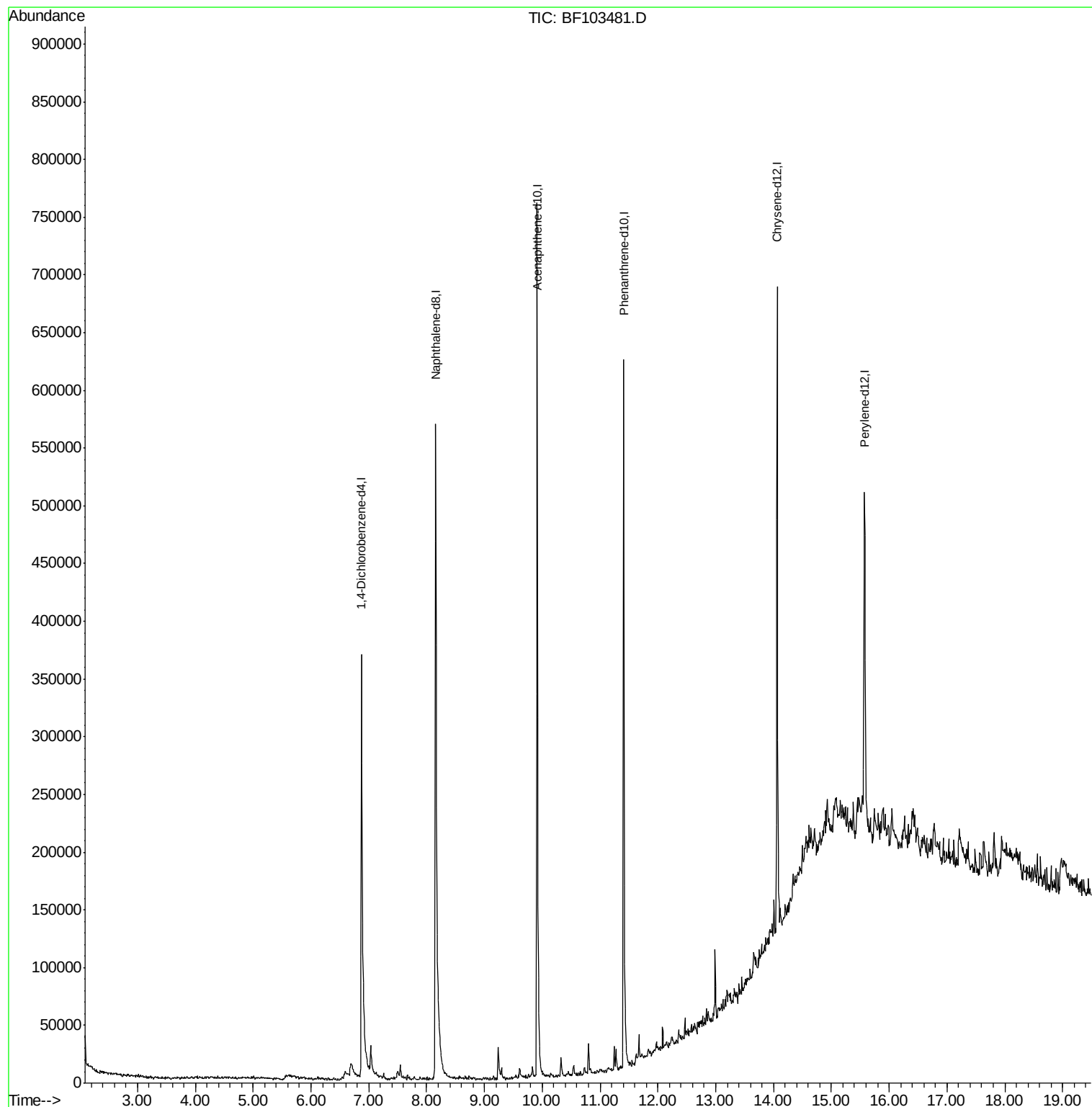
Target Compounds Qvalue

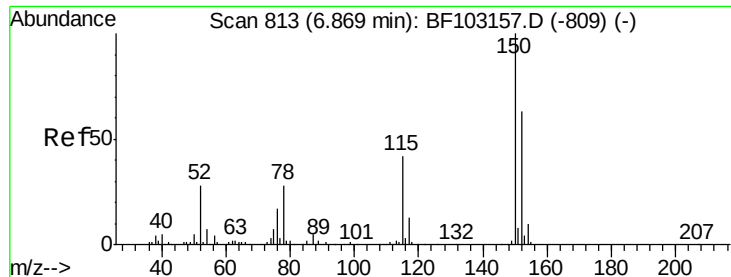
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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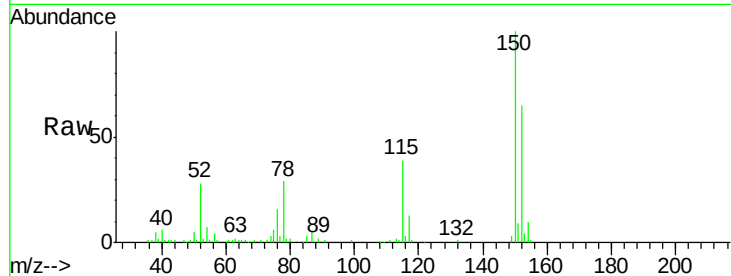


#1

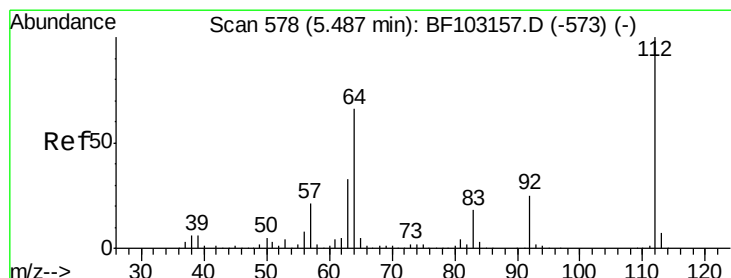
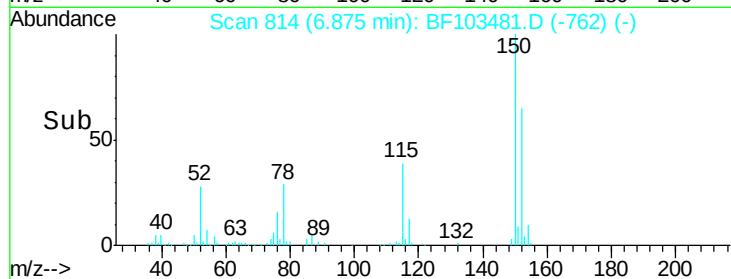
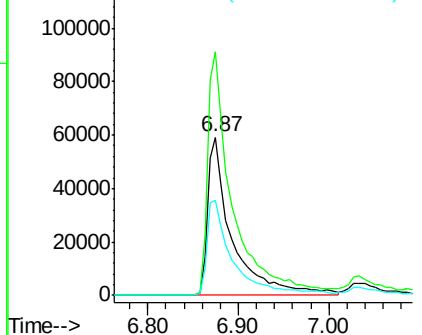
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
BALER-SOIL

Tot Ion:152 Resp: 112361
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 59.9 50.1 75.1



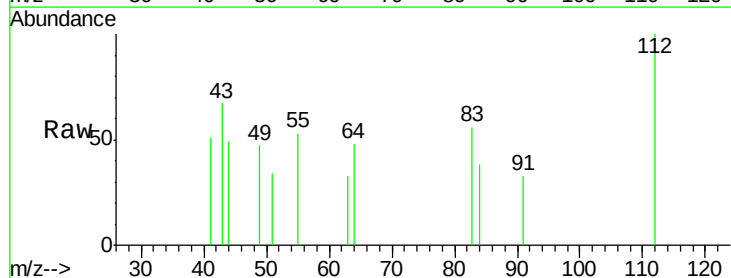
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



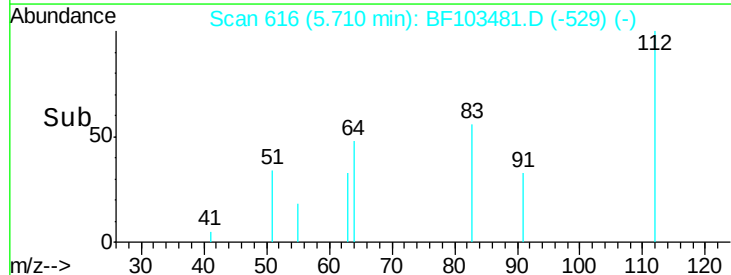
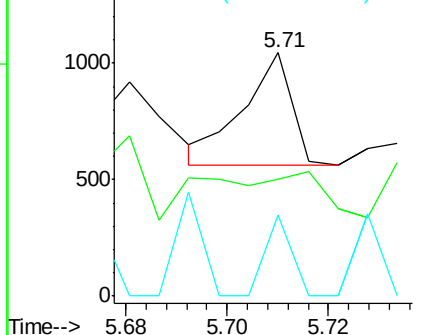
#5

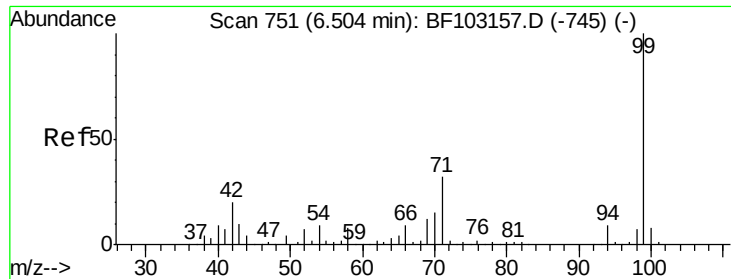
2-Fluorophenol
Concen: 0.043 ng
RT: 5.71 min Scan# 616
Delta R.T. 0.21 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Tgt Ion:112 Resp: 319
Ion Ratio Lower Upper
112 100
64 48.2 47.9 71.9
63 33.5 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: 0.597 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.08 min

Lab File: BF103481.D

Acq: 7 Mar 2018 2:46

Instrument :

BNA_F

ClientSampleId :

BALER-SOIL

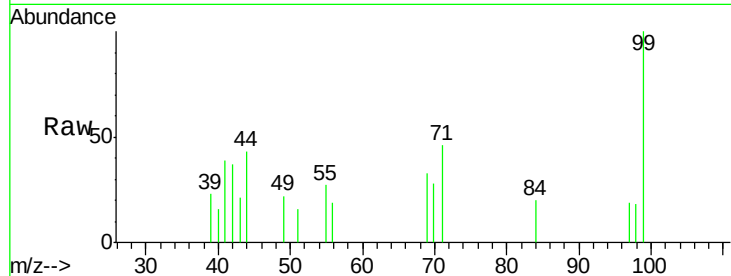
Tot Ion: 99 Resp: 5423

Ion Ratio Lower Upper

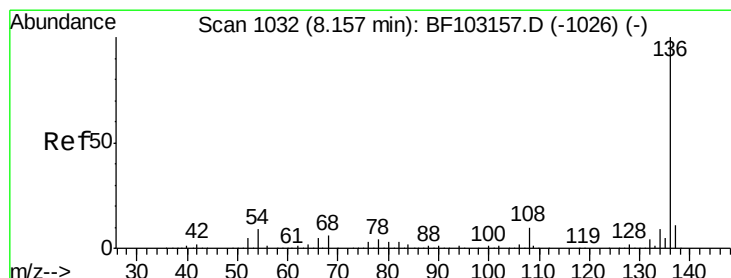
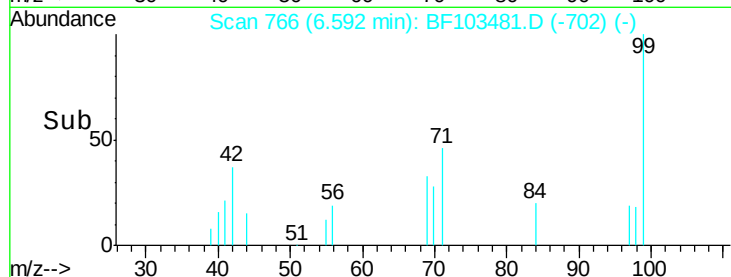
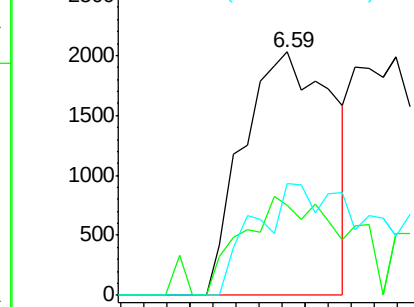
99 100

42 36.9 14.5 21.7#

71 46.2 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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103481.D

Acq: 7 Mar 2018 2:46

Tgt Ion: 136 Resp: 481344

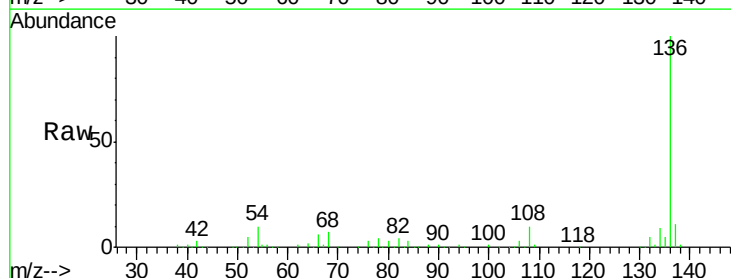
Ion Ratio Lower Upper

136 100

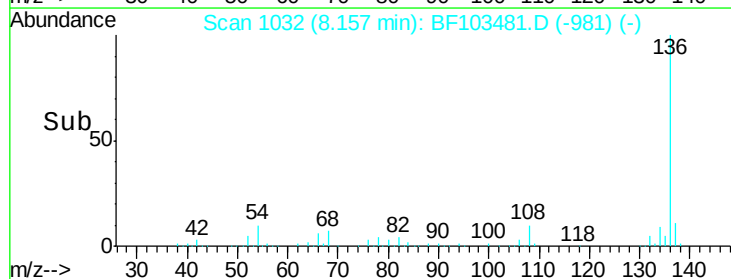
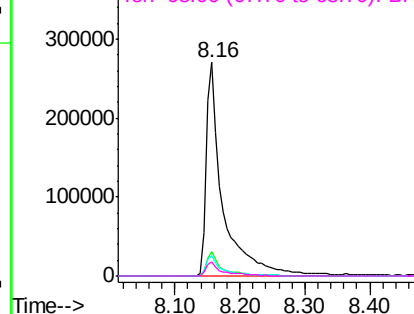
137 11.3 8.9 13.3

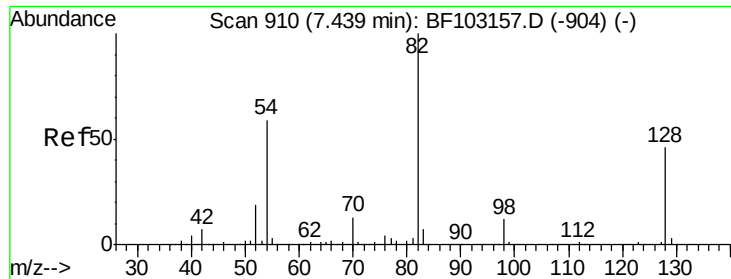
54 9.7 6.6 9.8

68 6.7 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

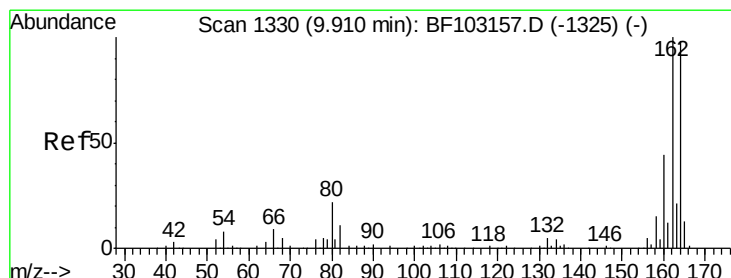
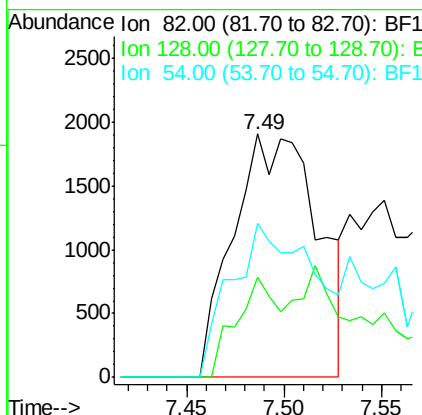
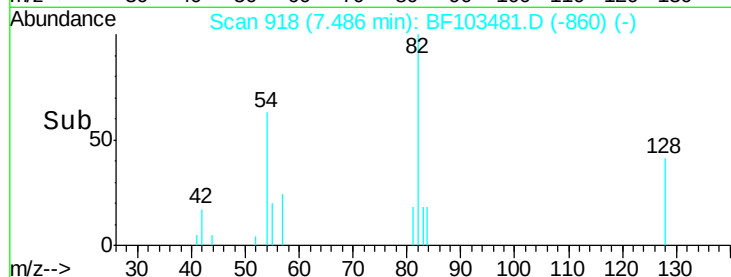
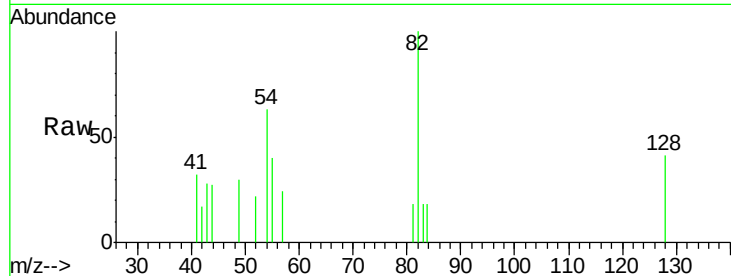




#23
 Nitrobenzene-d5
 Concen: 0.680 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.04 min
 Lab File: BF103481.D
 Acq: 7 Mar 2018 2:46

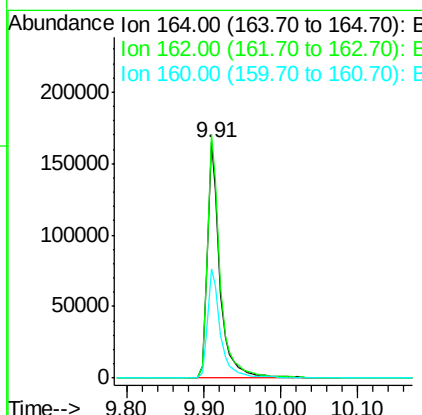
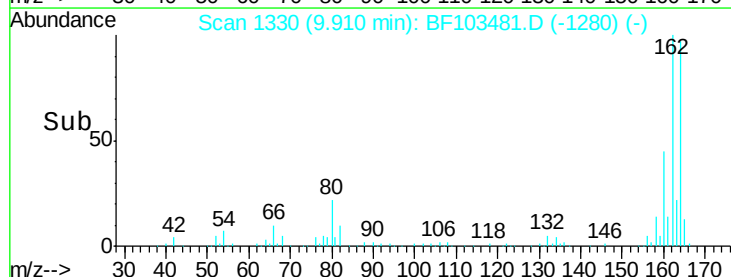
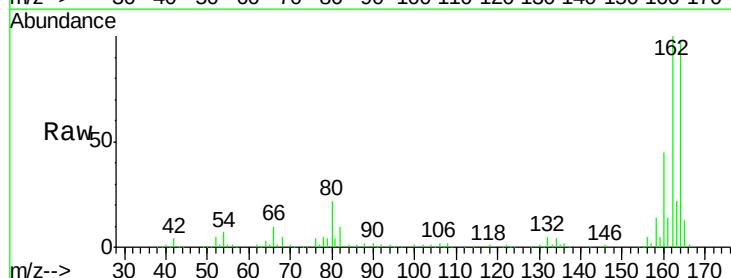
Instrument :
 BNA_F
 ClientSampleId :
 BALER-SOIL

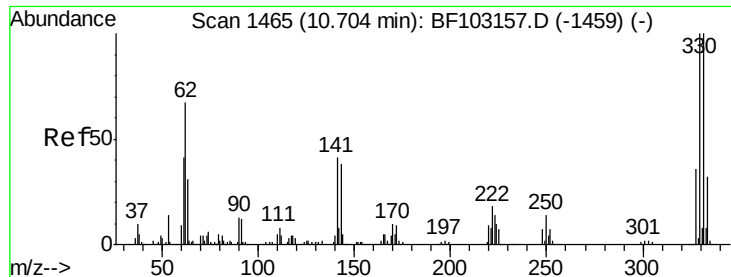
Tot Ion: 82 Resp: 5734
 Ion Ratio Lower Upper
 82 100
 128 41.2 36.1 54.1
 54 63.5 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103481.D
 Acq: 7 Mar 2018 2:46

Tgt Ion:164 Resp: 186722
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 46.1 38.3 57.5

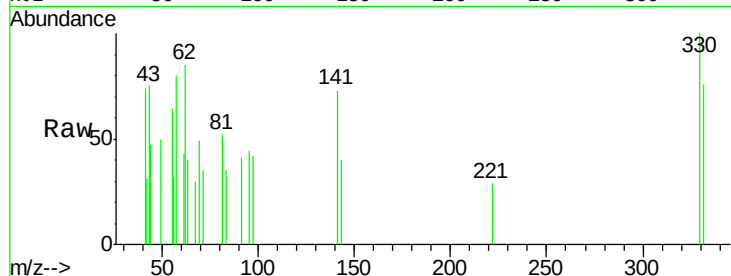




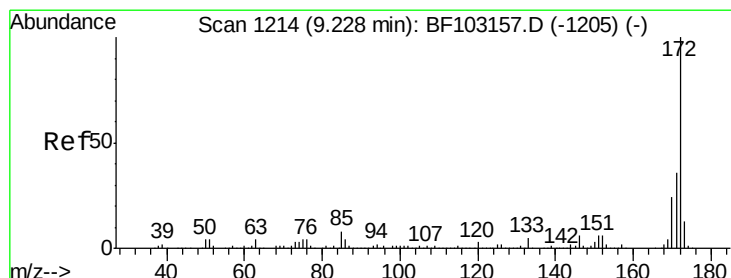
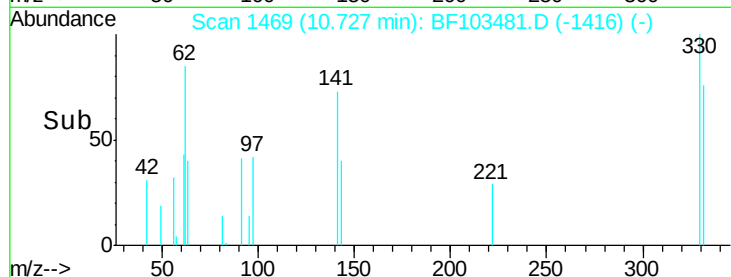
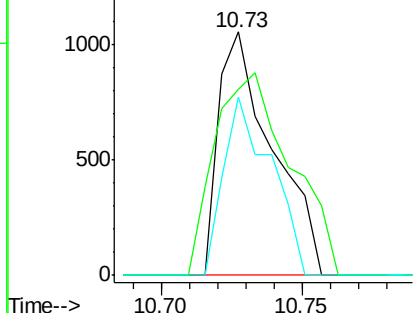
#41
 2,4,6-Tribromophenol
 Concen: 0.881 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF103481.D
 Acq: 7 Mar 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :
 BALER-SOIL

Tot Ion:330 Resp: 1392
 Ion Ratio Lower Upper
 330 100
 332 117.0 77.0 115.6#
 141 64.6 29.9 44.9#

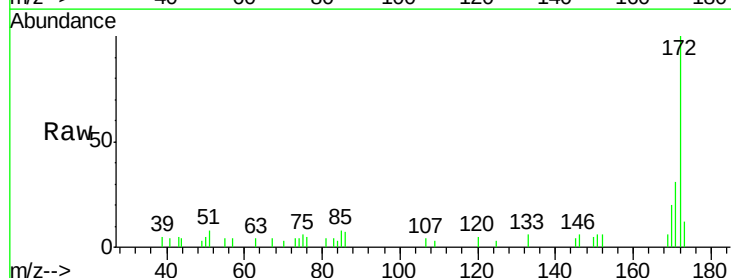


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

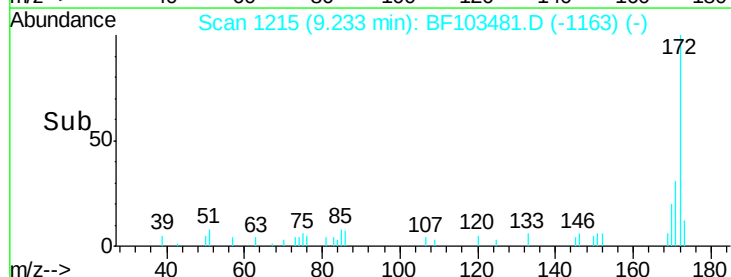
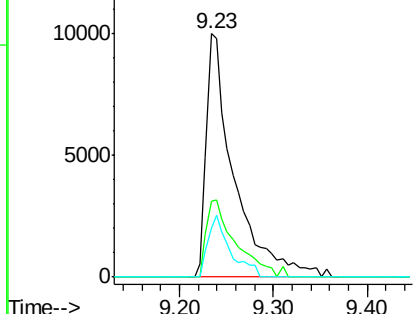


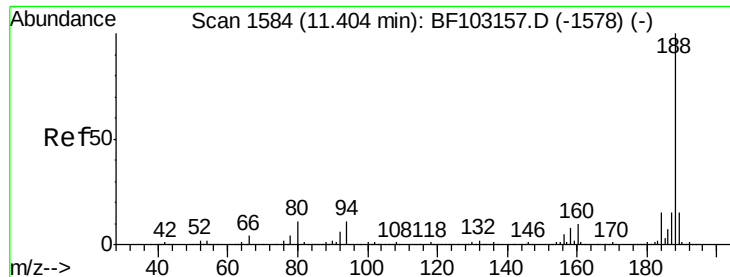
#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103481.D
 Acq: 7 Mar 2018 2:46

Tgt Ion:172 Resp: 20744
 Ion Ratio Lower Upper
 172 100
 171 31.2 29.7 44.5
 170 20.2 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103481.D

Acq: 7 Mar 2018 2:46

Instrument :

BNA_F

ClientSampleId :

BALER-SOIL

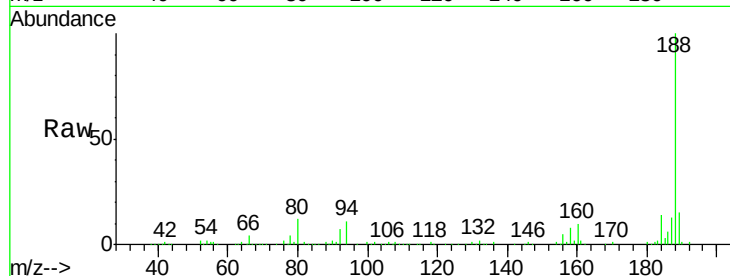
Tot Ion:188 Resp: 288825

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

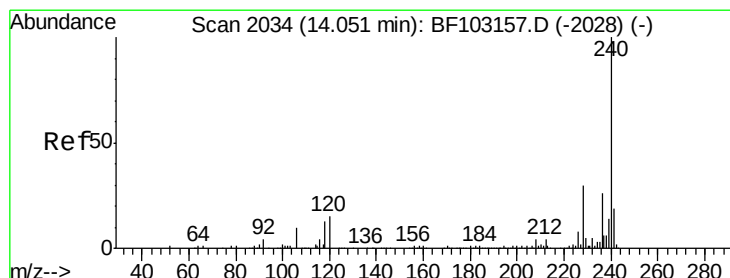
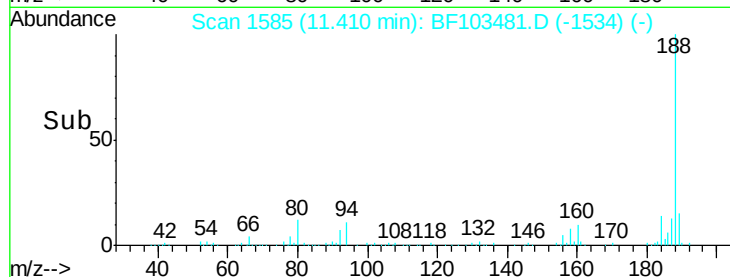
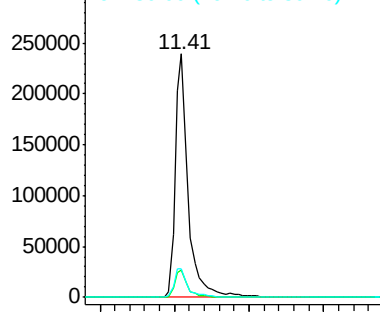
80 12.0 9.2 13.8



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103481.D

Acq: 7 Mar 2018 2:46

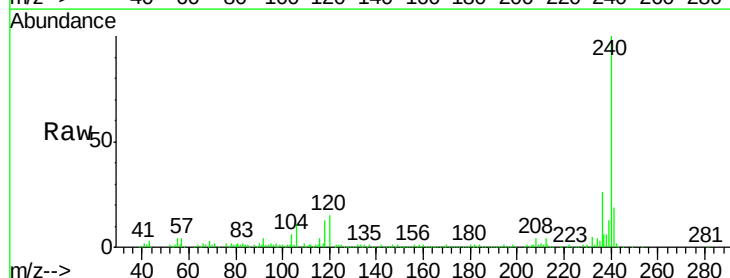
Tgt Ion:240 Resp: 198763

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

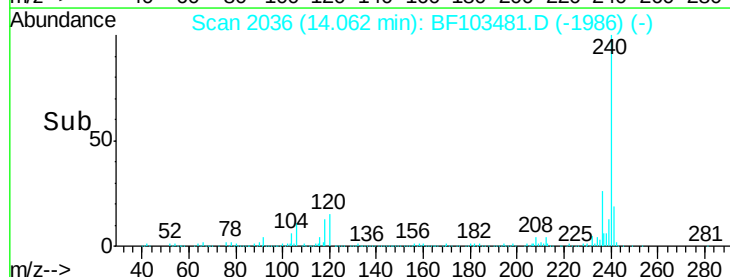
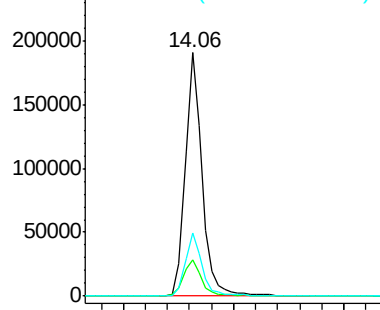
236 26.0 20.7 31.1

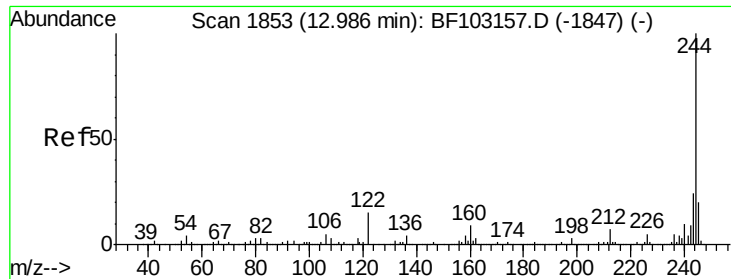


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

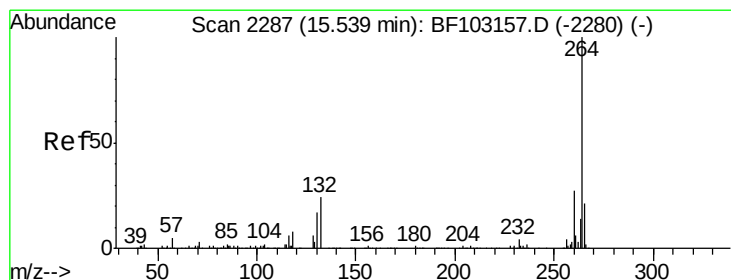
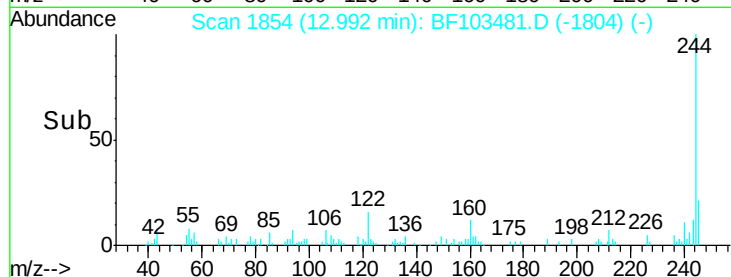
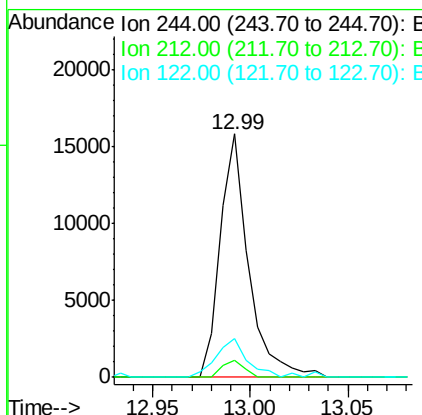
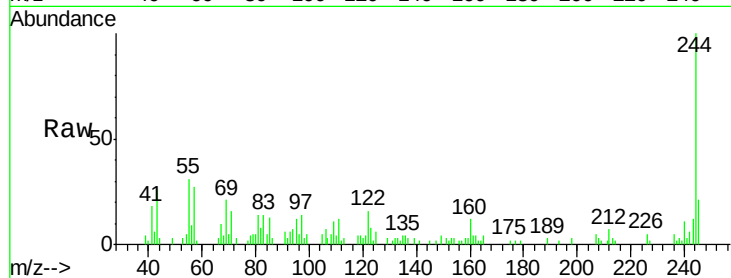




#78
 Terphenyl-d14
 Concen: 1.935 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103481.D
 Acq: 7 Mar 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :
 BALER-SOIL

Tot Ion:244 Resp: 16002
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 15.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF103481.D
 Acq: 7 Mar 2018 2:46

Tgt Ion:264 Resp: 149881
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.8 17.5 26.3

