

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107627.D
 Acq On : 24 Jul 2018 18:58
 Operator : JU/SJ
 Sample : J4119-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GB-SOIL-PILE

Quant Time: Jul 25 03:56:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

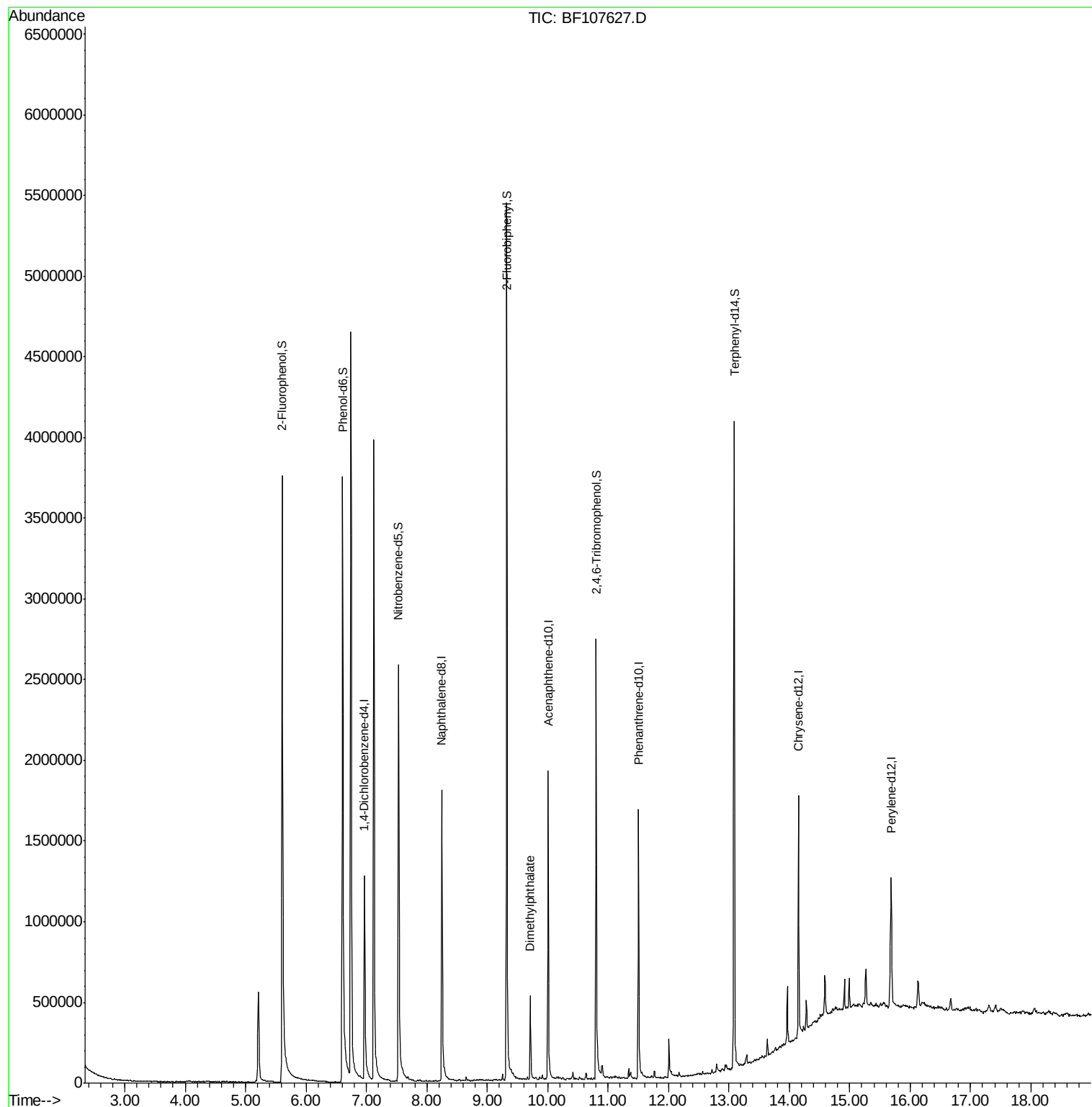
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	268684	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	1015898	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	413273	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	729722	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	562714	20.00	ng	-0.01
86) Perylene-d12	15.69	264	473602	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1481746	88.67	ng	0.00
7) Phenol-d6	6.61	99	1882204	93.80	ng	0.00
23) Nitrobenzene-d5	7.53	82	1113692	73.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	421264	89.64	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1902084	76.73	ng	-0.01
78) Terphenyl-d14	13.09	244	1533442	69.76	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	207072	6.648	ng	Qvalue 99

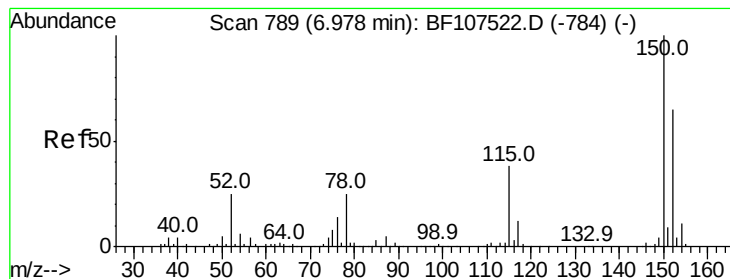
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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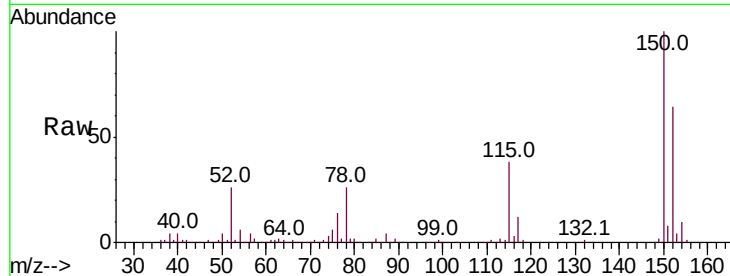


#1

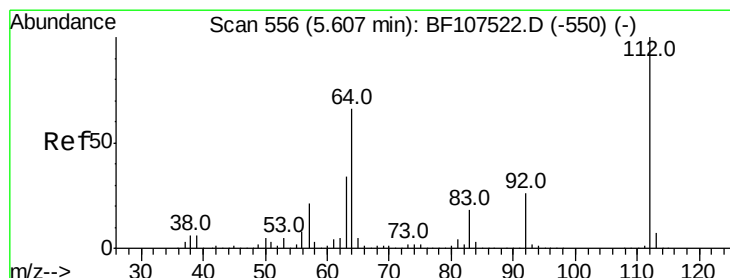
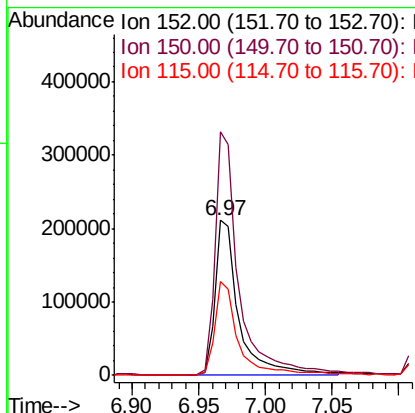
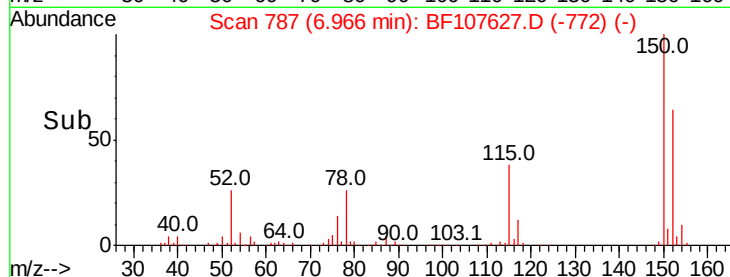
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107627.D
 Acq: 24 Jul 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :
 GB-SOIL-PILE

Tot Ion:152 Resp: 268684
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 60.3 50.1 75.1



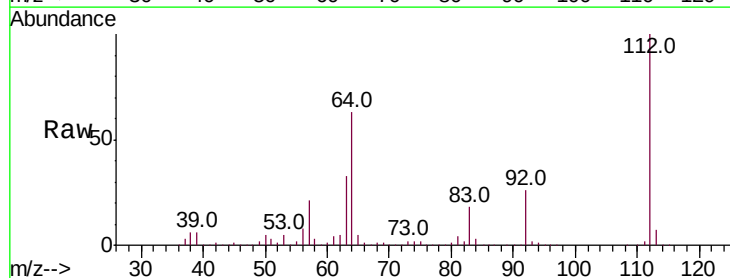
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



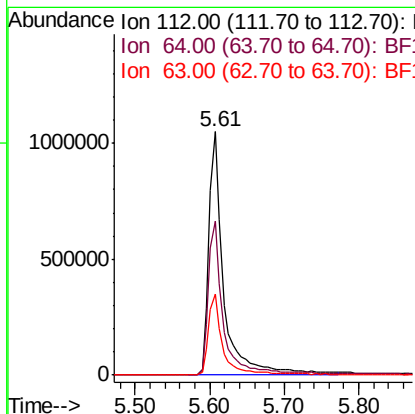
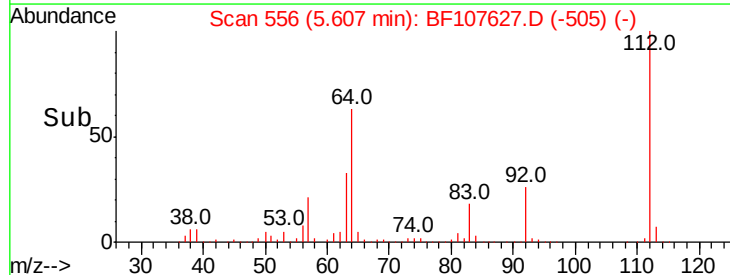
#5

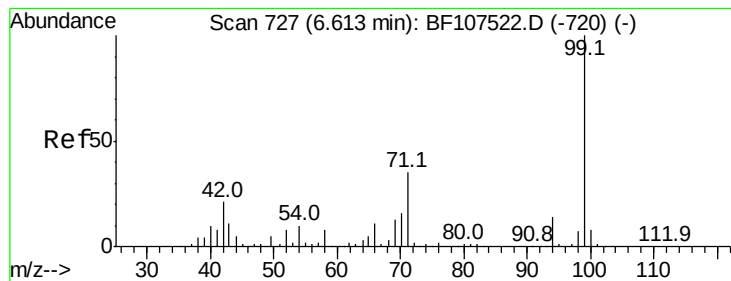
2-Fluorophenol
 Concen: 88.668 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF107627.D
 Acq: 24 Jul 2018 18:58

Tgt Ion:112 Resp: 1481746
 Ion Ratio Lower Upper
 112 100
 64 63.3 47.9 71.9
 63 33.4 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: 93.802 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107627.D

Acq: 24 Jul 2018 18:58

Instrument :

BNA_F

ClientSampleId :

GB-SOIL-PILE

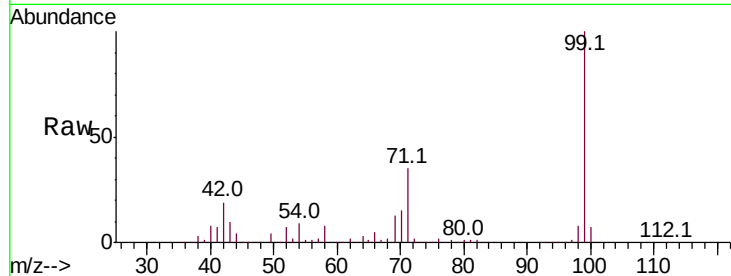
Tot Ion: 99 Resp: 1882204

Ion Ratio Lower Upper

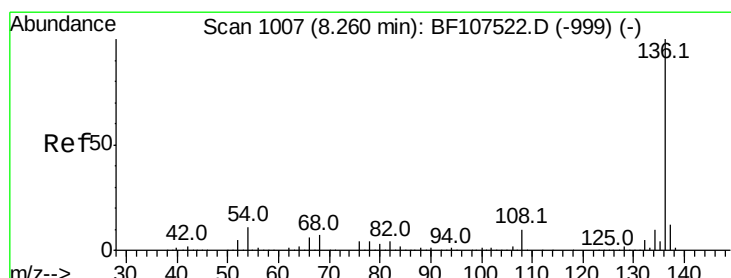
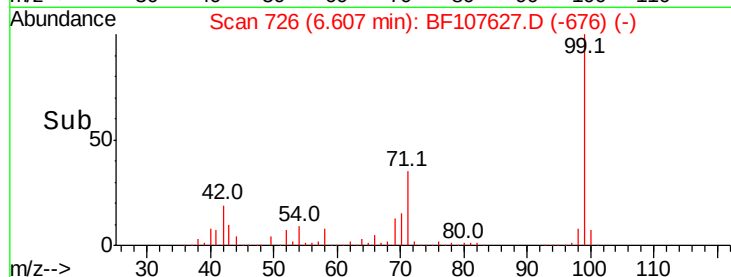
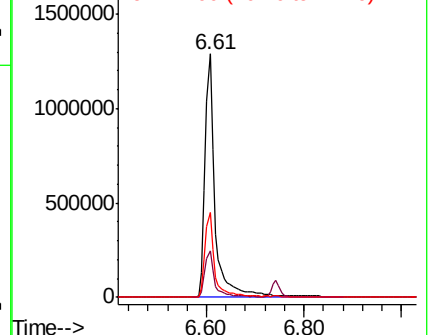
99 100

42 19.1 14.5 21.7

71 34.8 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: BF107627.D

Acq: 24 Jul 2018 18:58

Tgt Ion:136 Resp: 1015898

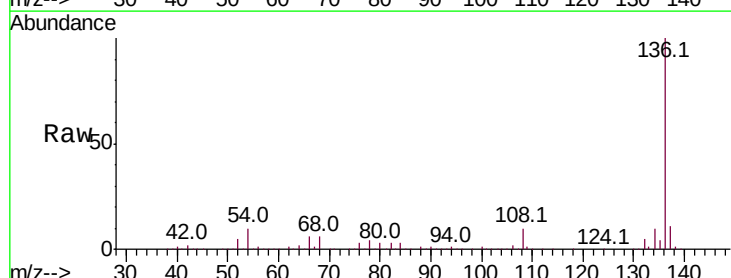
Ion Ratio Lower Upper

136 100

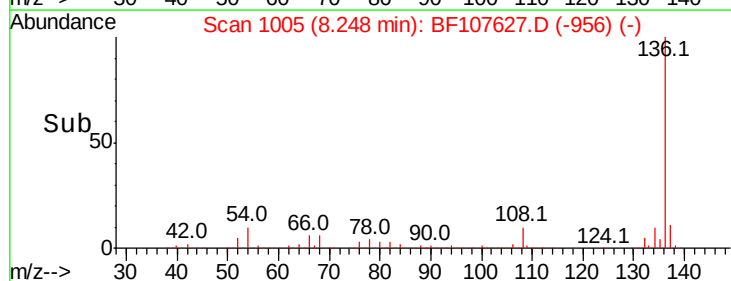
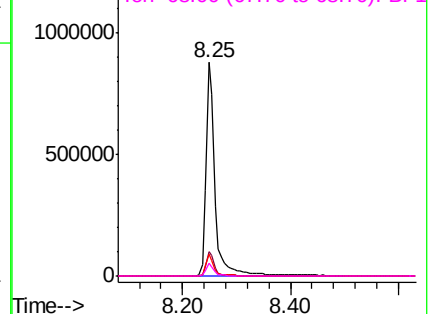
137 11.3 8.9 13.3

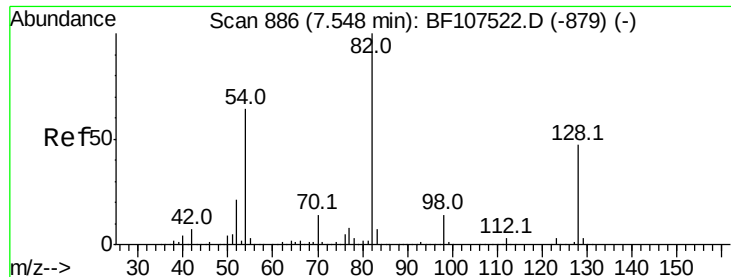
54 10.1 6.6 9.8#

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

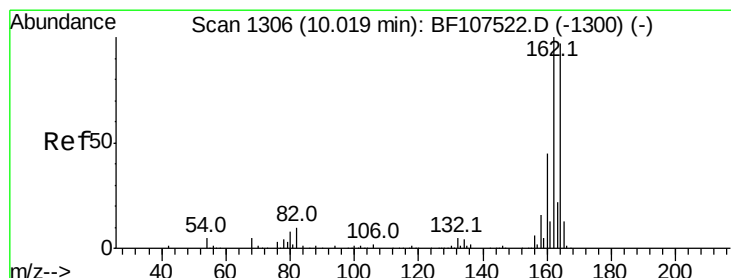
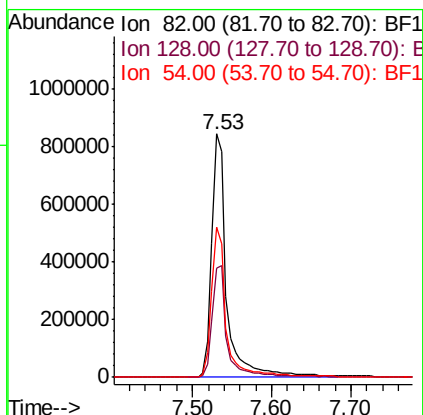
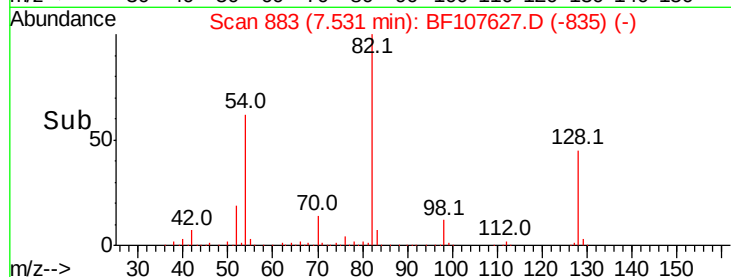
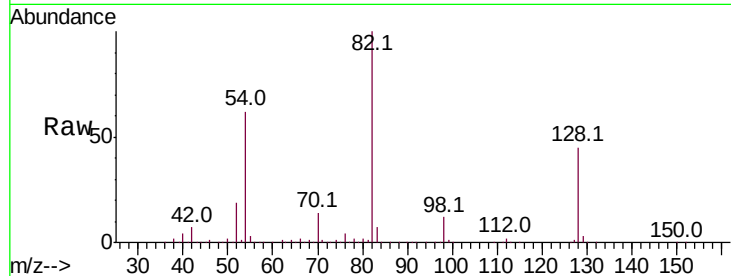




#23
Nitrobenzene-d5
Concen: 73.984 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107627.D
Acq: 24 Jul 2018 18:58

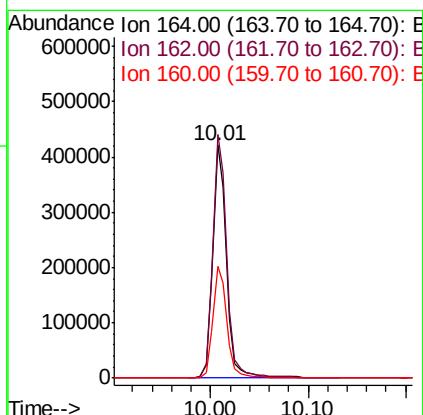
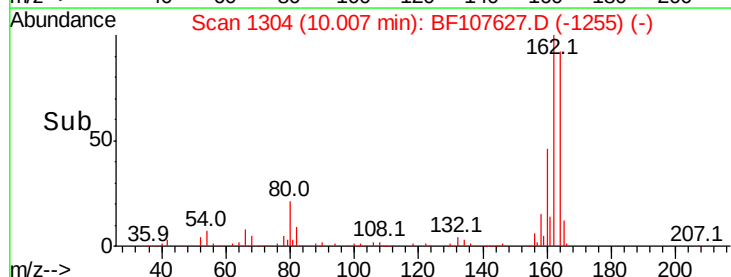
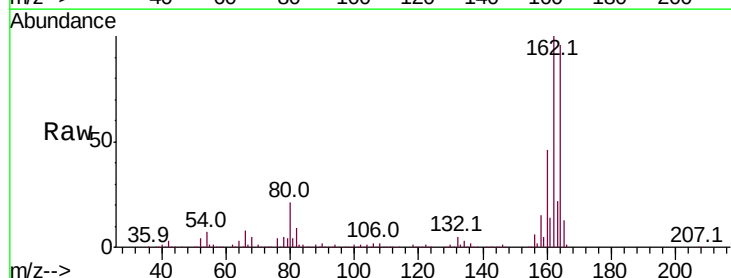
Instrument :
BNA_F
ClientSampleId :
GB-SOIL-PILE

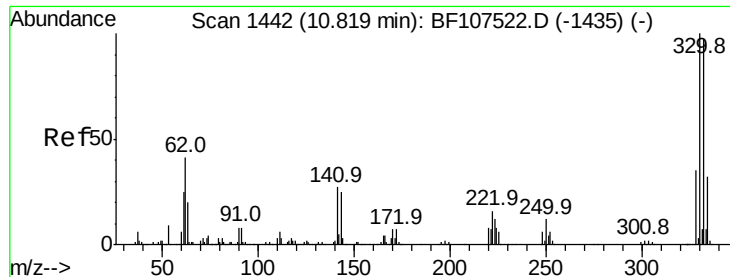
Tot Ion: 82 Resp: 1113692
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 61.8 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107627.D
Acq: 24 Jul 2018 18:58

Tgt Ion:164 Resp: 413273
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 48.1 38.3 57.5

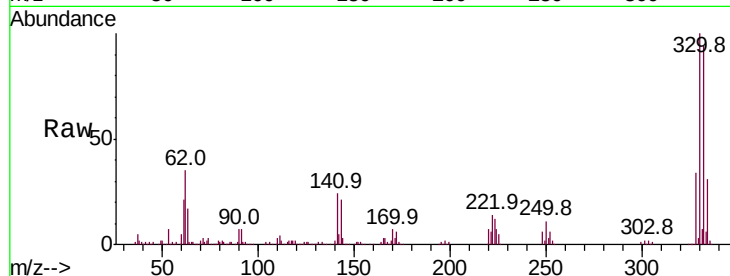




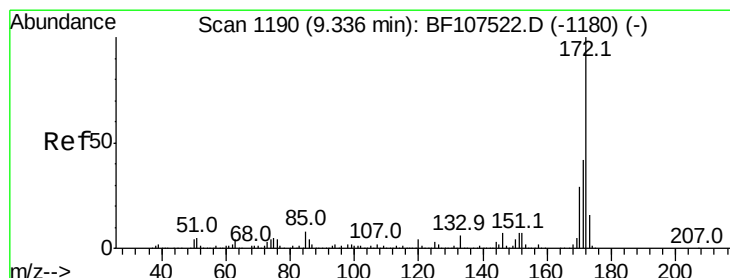
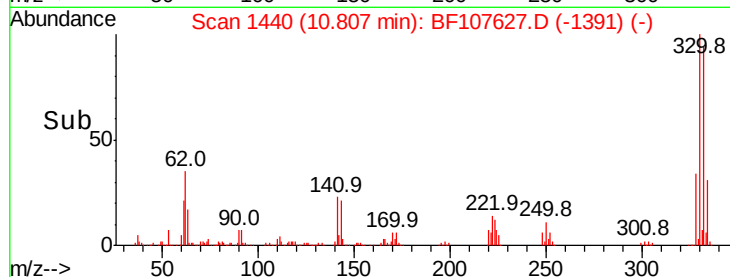
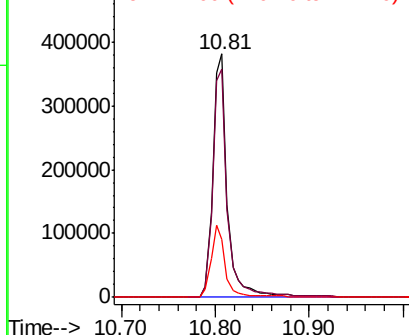
#41
 2,4,6-Tribromophenol
 Concen: 89.639 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107627.D
 Acq: 24 Jul 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :
 GB-SOIL-PILE

Tot Ion:330 Resp: 421264
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 29.9 29.9 44.9#

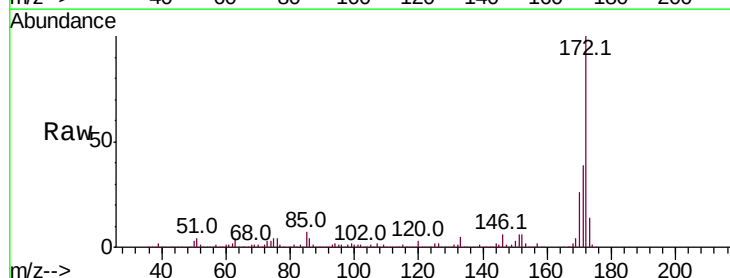


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

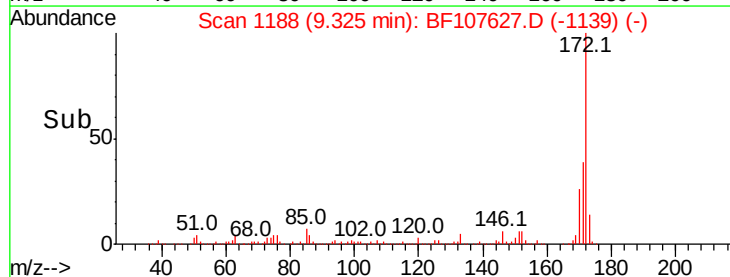
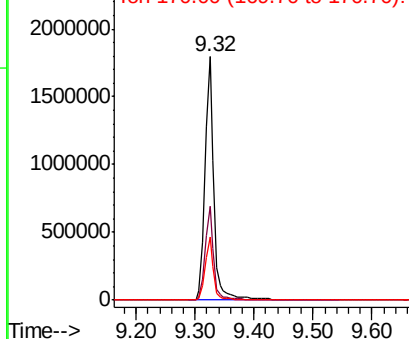


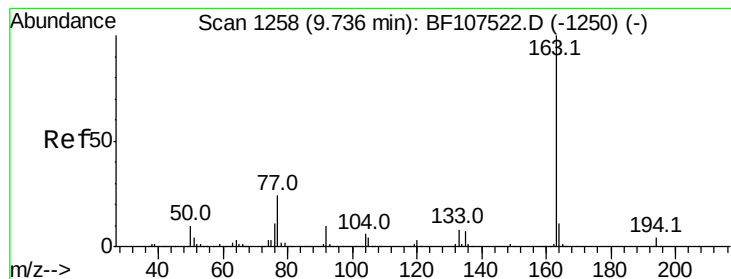
#44
 2-Fluorobiphenyl
 Concen: 76.734 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107627.D
 Acq: 24 Jul 2018 18:58

Tgt Ion:172 Resp: 1902084
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.7 44.5
 170 26.0 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: 6.648 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF107627.D

Acq: 24 Jul 2018 18:58

Instrument :

BNA_F

ClientSampleId :

GB-SOIL-PILE

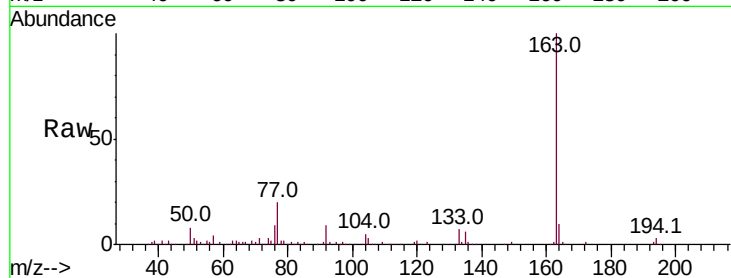
Tot Ion:163 Resp: 207072

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

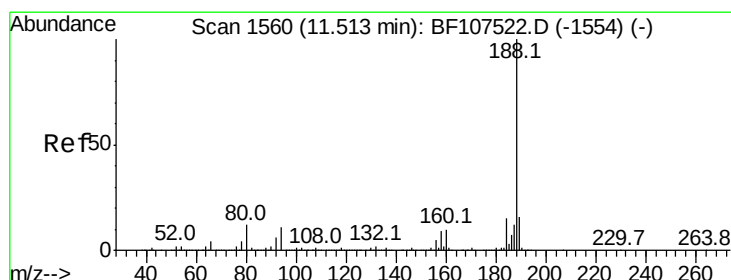
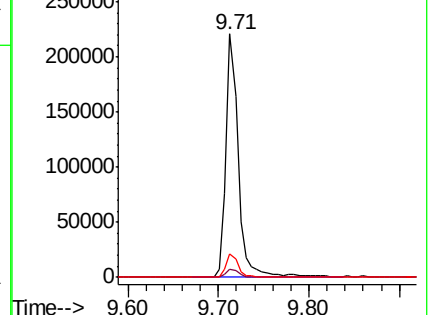
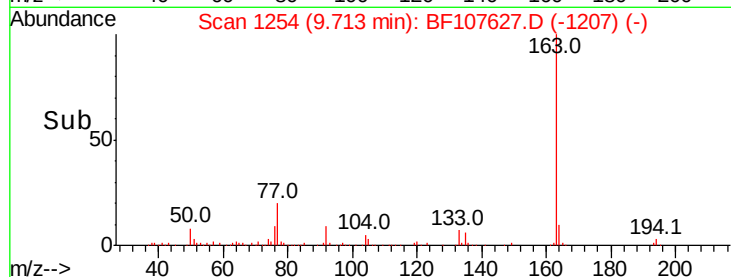
164 9.8 8.2 12.2



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: BF107627.D

Acq: 24 Jul 2018 18:58

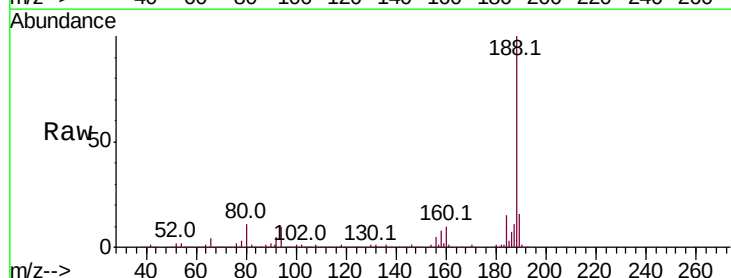
Tgt Ion:188 Resp: 729722

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

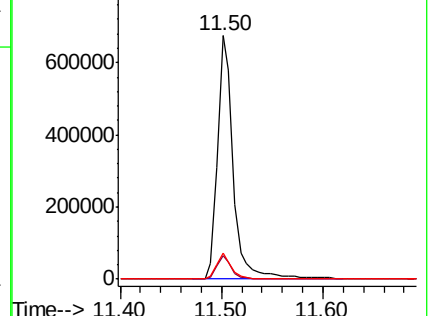
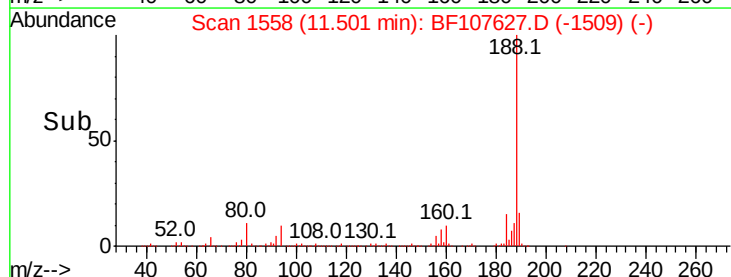
80 10.7 9.2 13.8

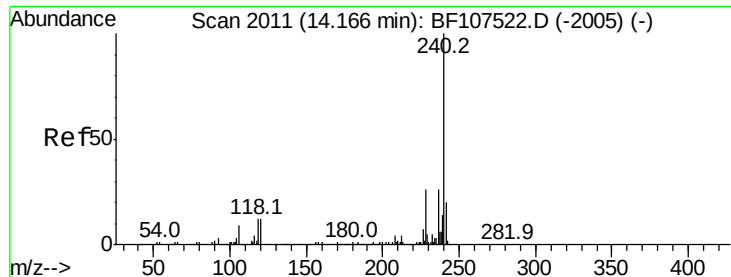


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107627.D

Acq: 24 Jul 2018 18:58

Instrument :

BNA_F

ClientSampleId :

GB-SOIL-PILE

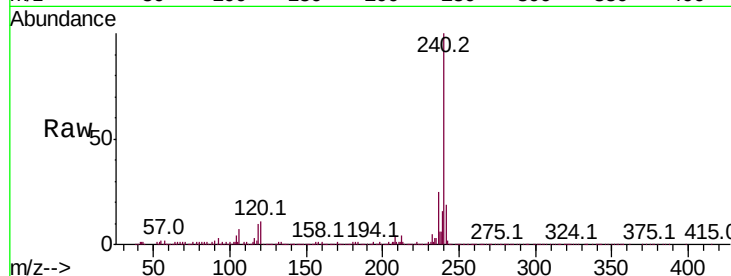
Tot Ion:240 Resp: 562714

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

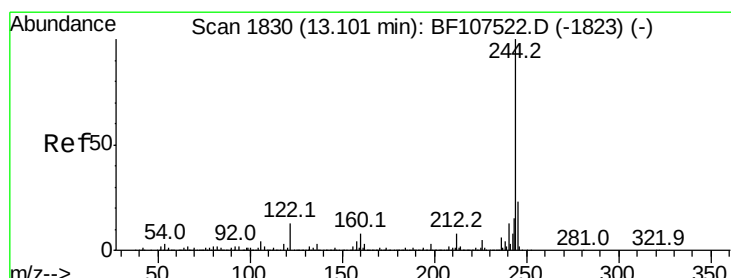
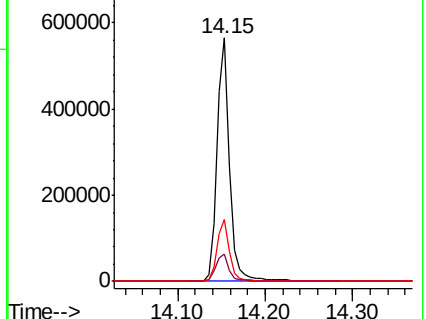
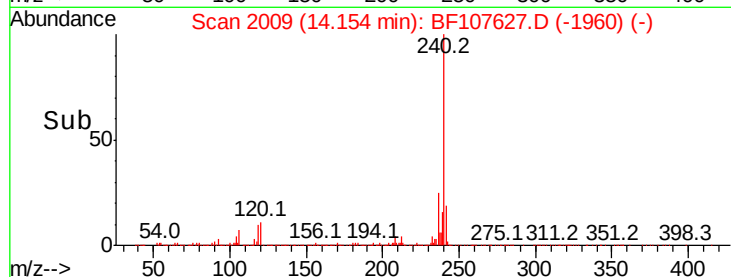
236 25.1 20.7 31.1



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: 69.765 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107627.D

Acq: 24 Jul 2018 18:58

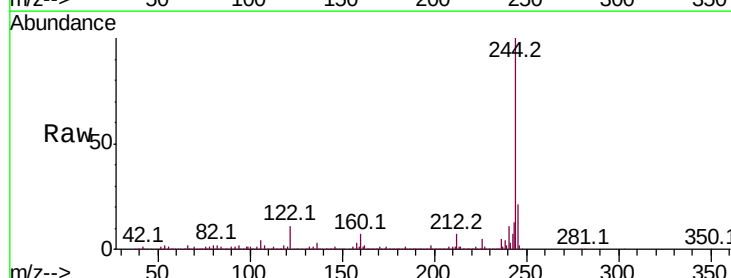
Tgt Ion:244 Resp: 1533442

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

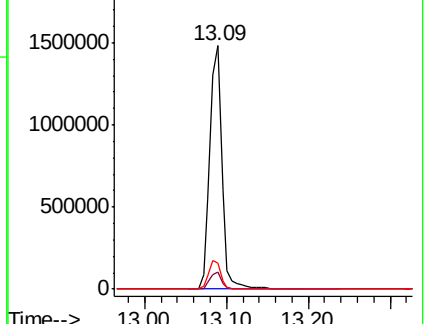
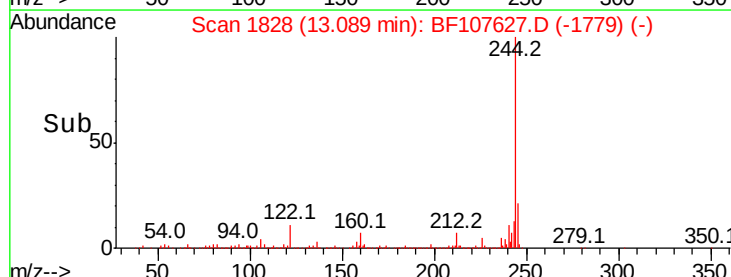
122 10.7 11.0 16.4#

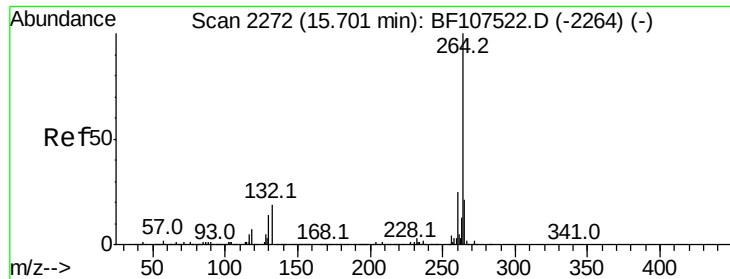


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107627.D
Acq: 24 Jul 2018 18:58

Instrument :
BNA_F
ClientSampleId :
GB-SOIL-PILE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.6	17.5	26.3

