

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107953.D
 Acq On : 3 Aug 2018 22:16
 Operator : JU/SJ
 Sample : J4300-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-CONCRETE

Quant Time: Aug 04 01:42:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

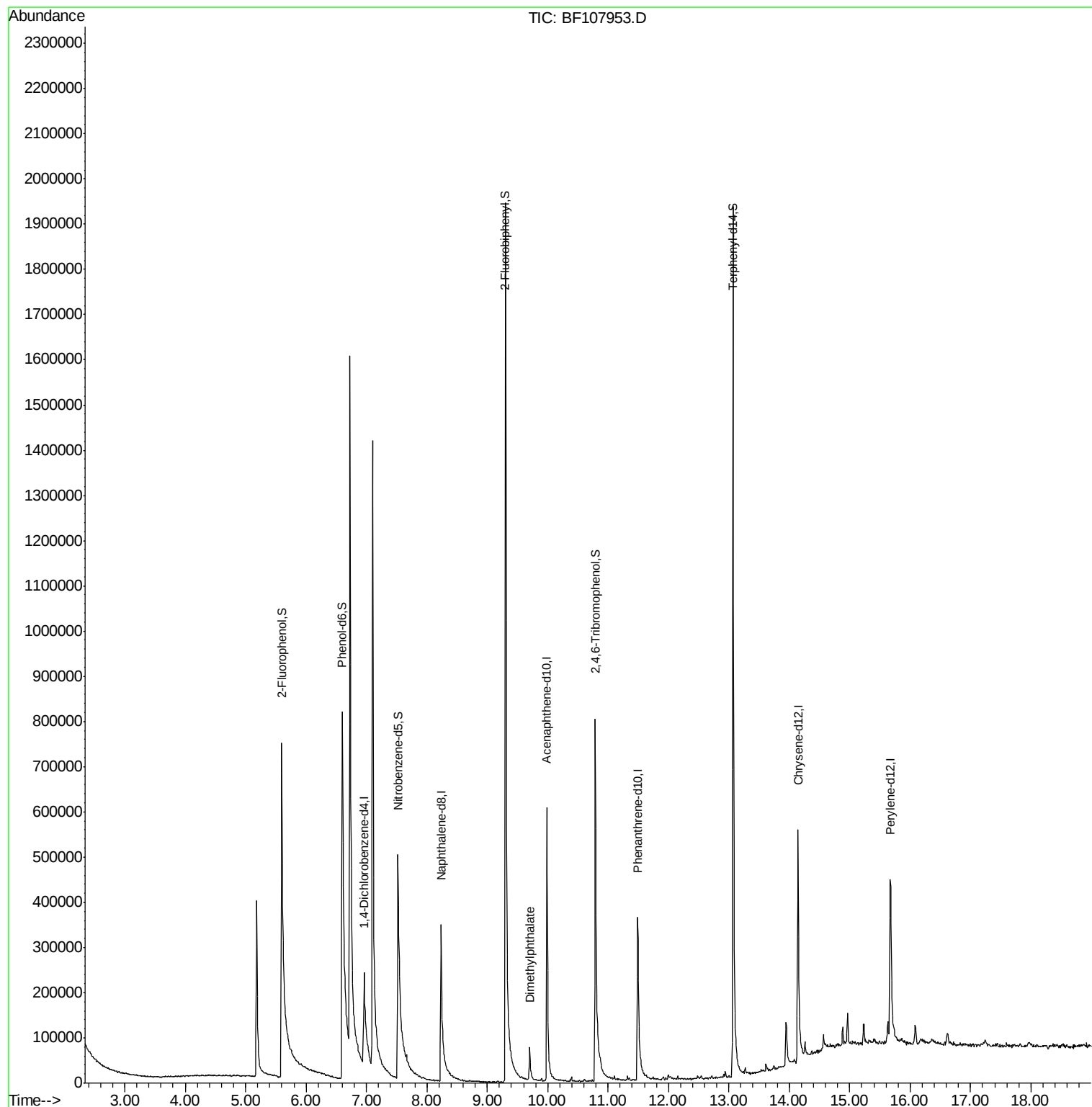
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	98330	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	432457	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	177164	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	311762	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	312565	20.00	ng	-0.01
86) Perylene-d12	15.67	264	299993	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	637409	110.17	ng	0.00
7) Phenol-d6	6.60	99	907057	118.96	ng	-0.01
23) Nitrobenzene-d5	7.52	82	557630	74.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	211452	87.84	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1131849	89.03	ng	-0.01
78) Terphenyl-d14	13.07	244	990735	68.73	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	54108	4.067	ng	98

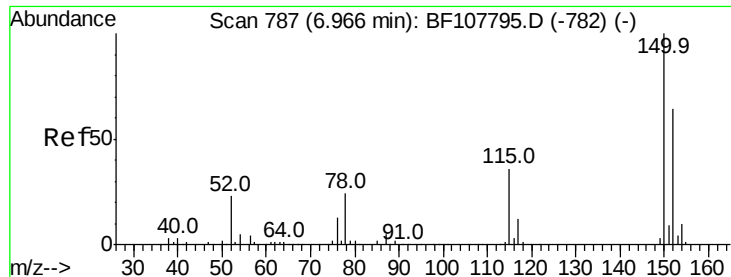
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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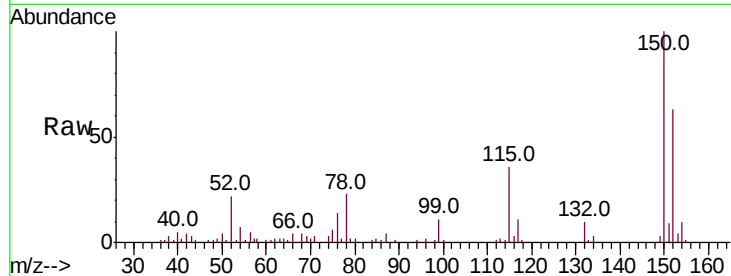


#1

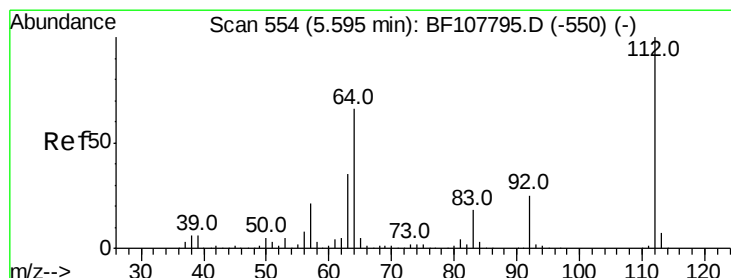
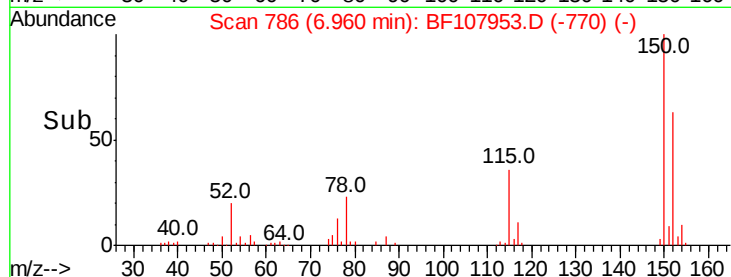
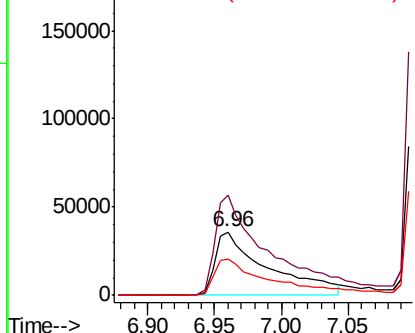
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107953.D
Acq: 3 Aug 2018 22:16

Instrument :
BNA_F
ClientSampleId :
FS-CONCRETE

Tot Ion:152 Resp: 98330
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 57.2 50.1 75.1



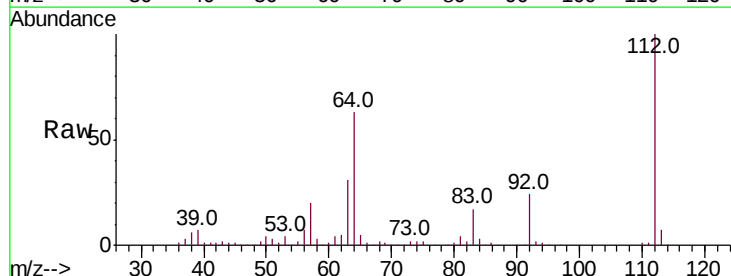
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



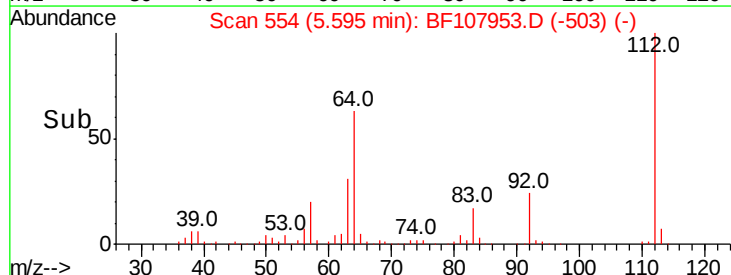
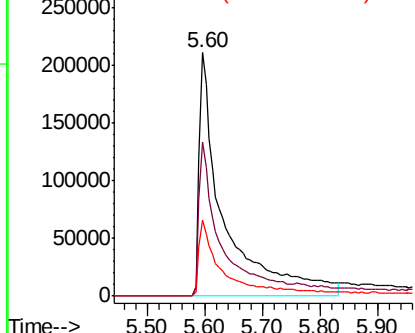
#5

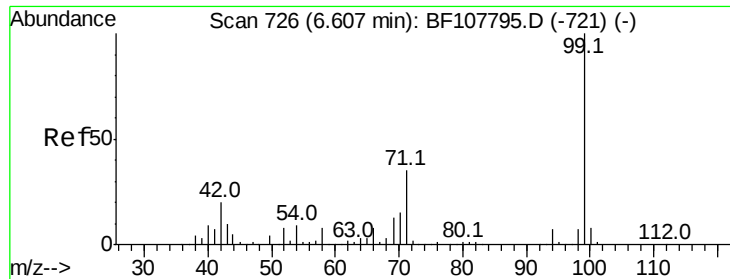
2-Fluorophenol
Concen: 110.170 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107953.D
Acq: 3 Aug 2018 22:16

Tgt Ion:112 Resp: 637409
Ion Ratio Lower Upper
112 100
64 63.3 47.9 71.9
63 31.4 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: 118.956 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF107953.D

Acq: 3 Aug 2018 22:16

Instrument :

BNA_F

ClientSampleId :

FS-CONCRETE

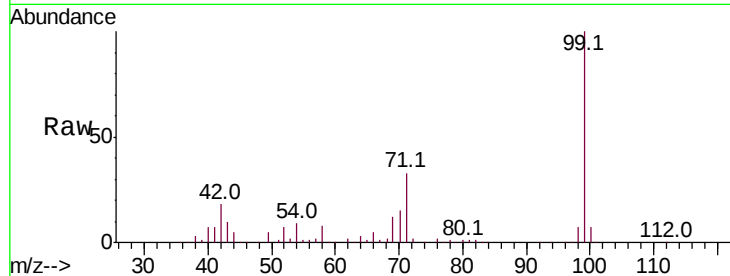
Tot Ion: 99 Resp: 907057

Ion Ratio Lower Upper

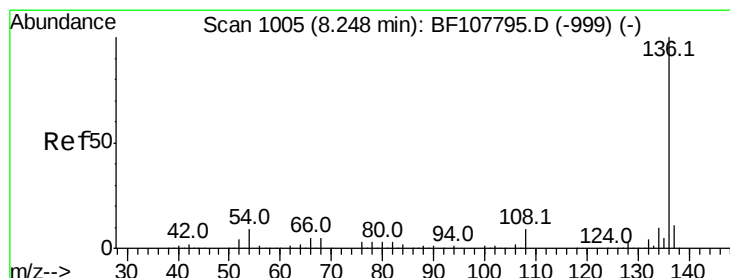
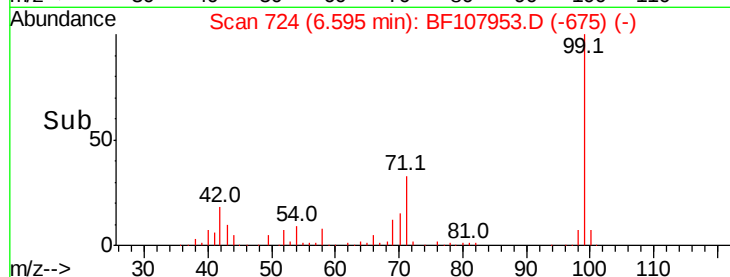
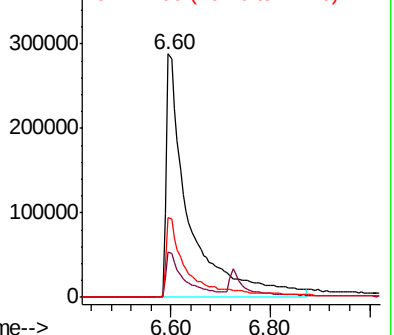
99 100

42 18.4 14.5 21.7

71 32.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107953.D

Acq: 3 Aug 2018 22:16

Tgt Ion: 136 Resp: 432457

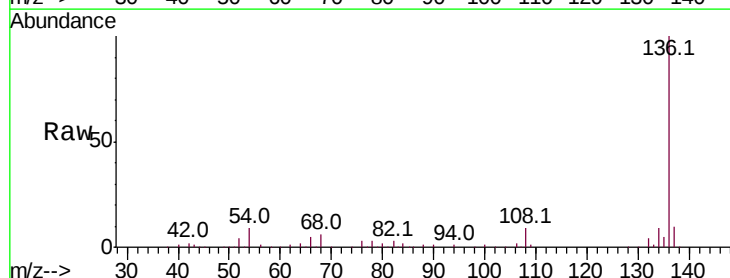
Ion Ratio Lower Upper

136 100

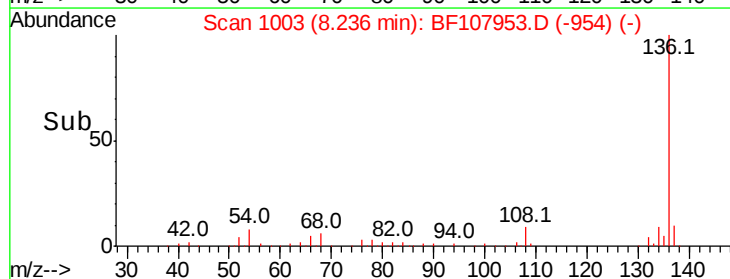
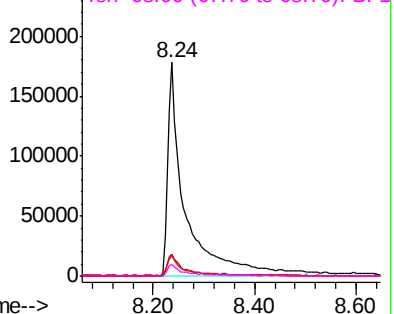
137 10.0 8.9 13.3

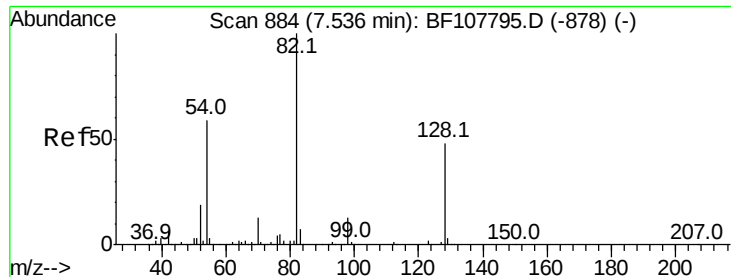
54 9.3 6.6 9.8

68 5.5 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

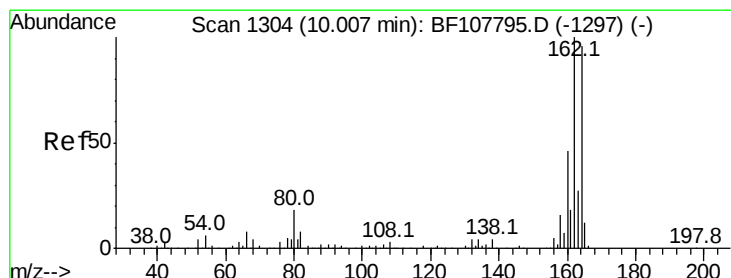
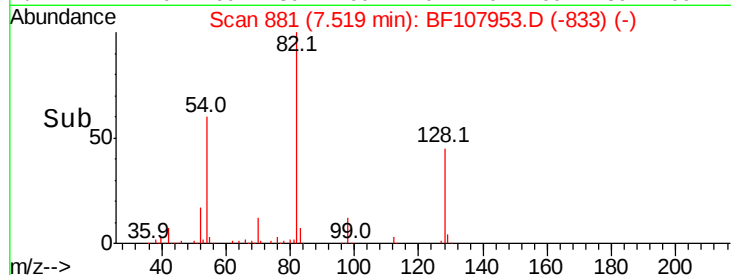
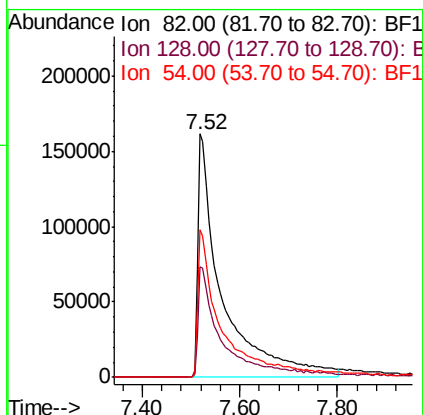
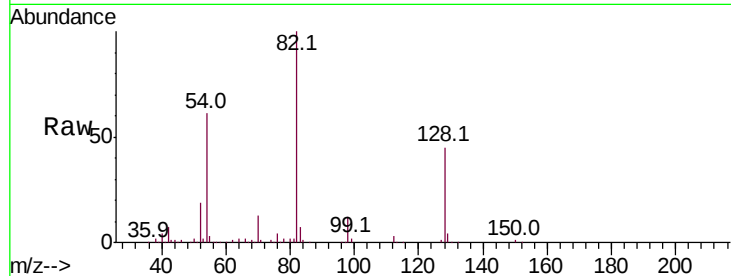




#23
 Nitrobenzene-d5
 Concen: 74.285 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107953.D
 Acq: 3 Aug 2018 22:16

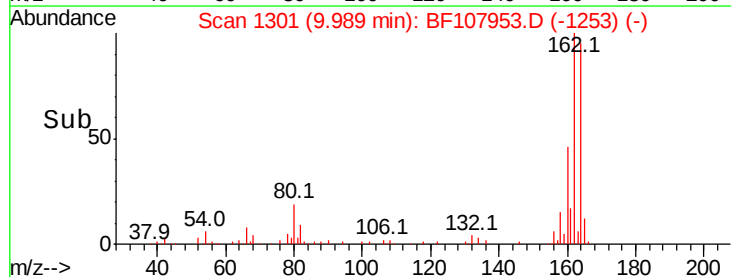
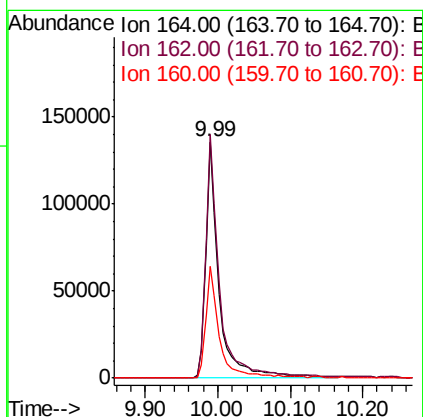
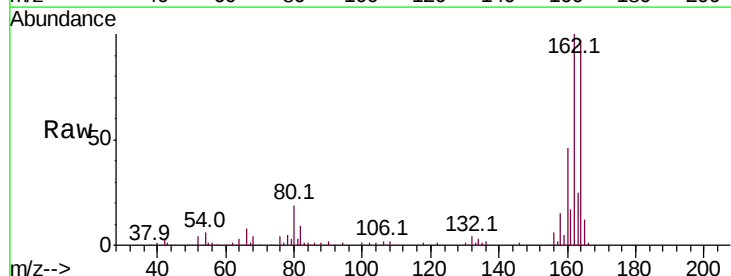
Instrument :
 BNA_F
 ClientSampleId :
 FS-CONCRETE

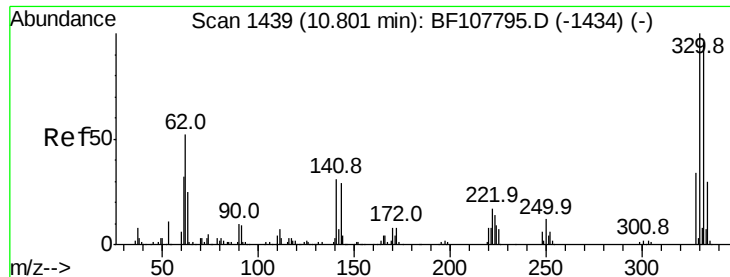
Tot Ion: 82 Resp: 557630
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 60.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107953.D
 Acq: 3 Aug 2018 22:16

Tgt Ion:164 Resp: 177164
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 47.3 38.3 57.5

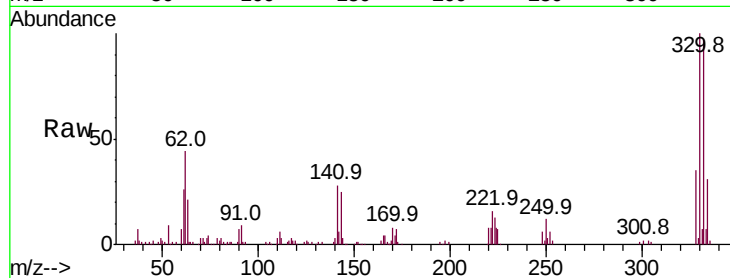




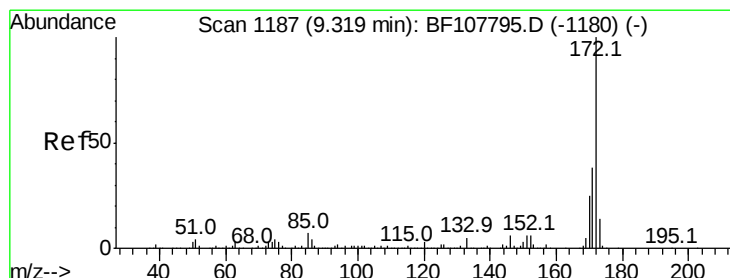
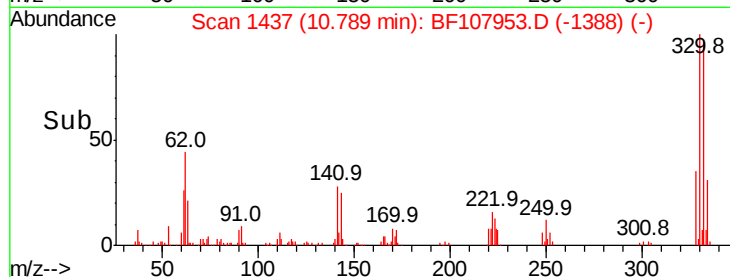
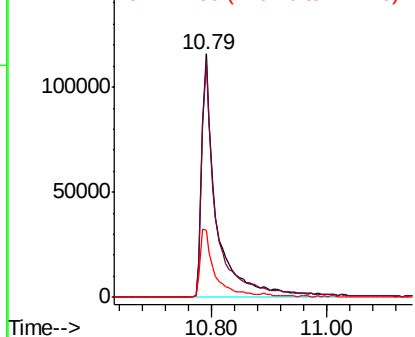
#41
 2,4,6-Tribromophenol
 Concen: 87.838 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107953.D
 Acq: 3 Aug 2018 22:16

Instrument :
 BNA_F
 ClientSampleId :
 FS-CONCRETE

Tot Ion:330 Resp: 211452
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 27.2 29.9 44.9#

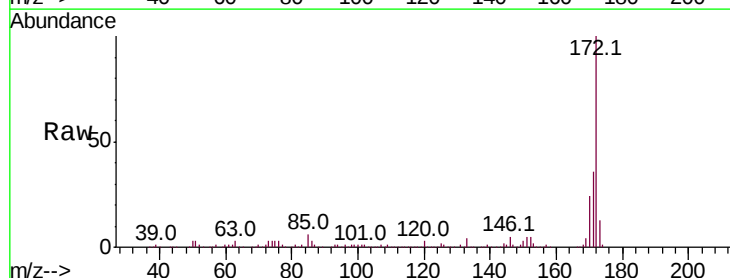


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

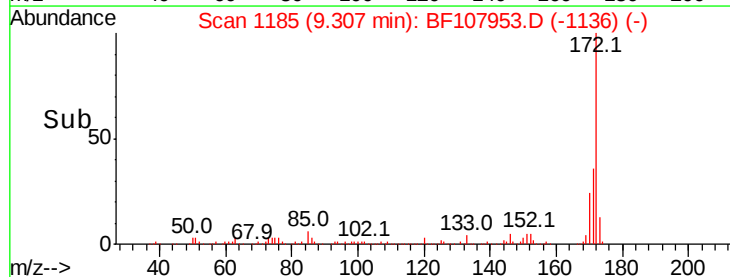
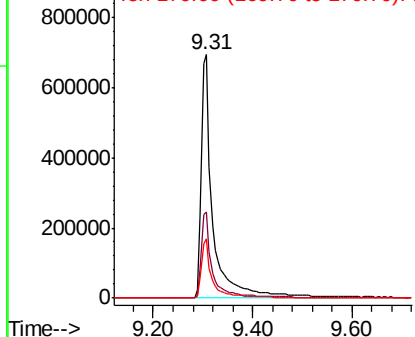


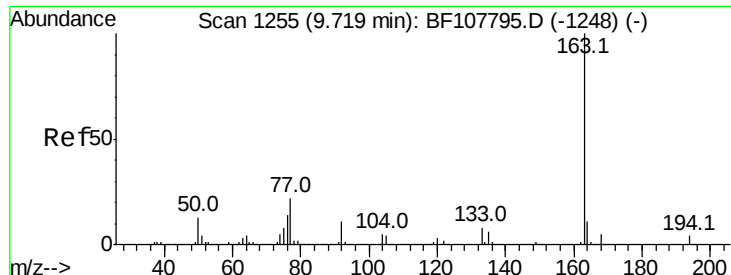
#44
 2-Fluorobiphenyl
 Concen: 89.026 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107953.D
 Acq: 3 Aug 2018 22:16

Tgt Ion:172 Resp: 1131849
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.2 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

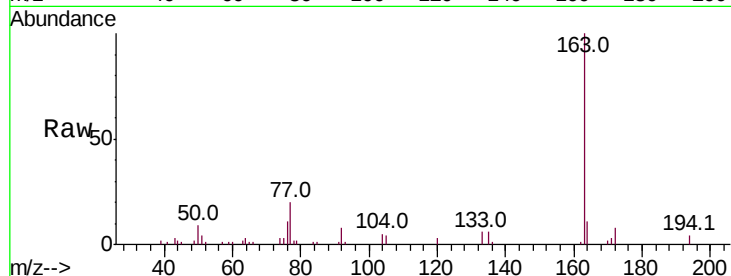




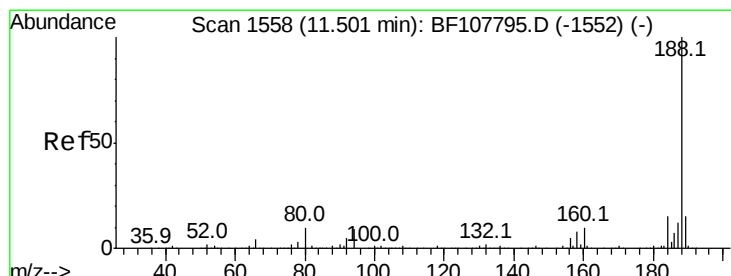
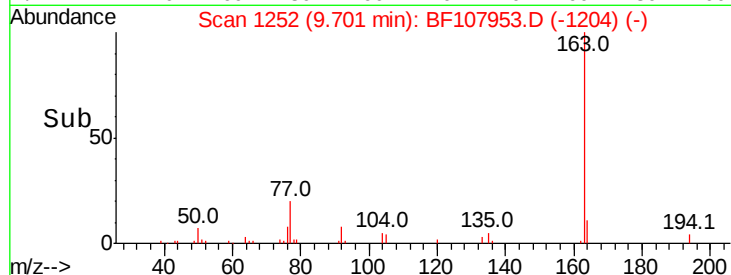
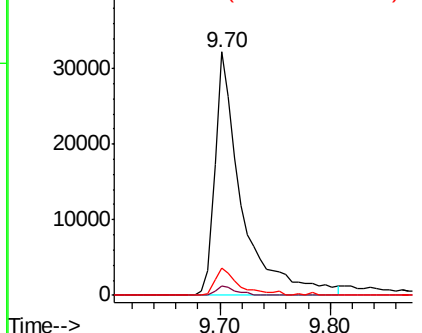
#49
Dimethylphthalate
Concen: 4.067 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107953.D
Acq: 3 Aug 2018 22:16

Instrument :
BNA_F
ClientSampleId :
FS-CONCRETE

Tot Ion:163 Resp: 54108
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 11.0 8.2 12.2

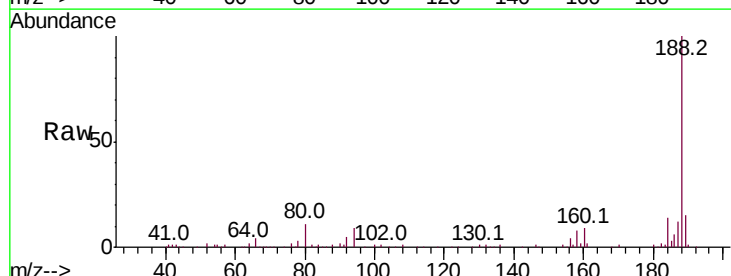


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

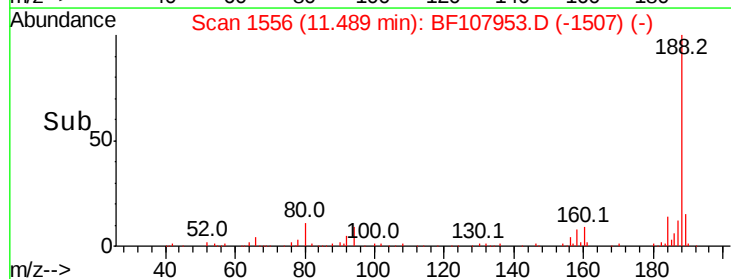
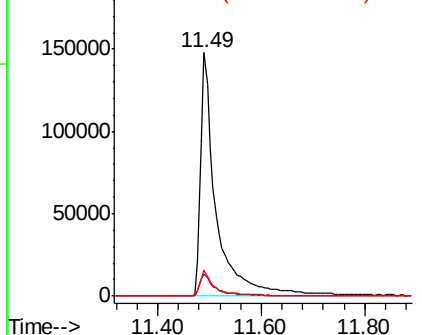


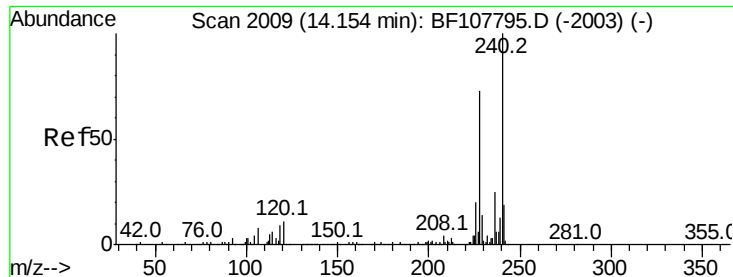
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107953.D
Acq: 3 Aug 2018 22:16

Tgt Ion:188 Resp: 311762
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.8 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. -0.01 min

Lab File: BF107953.D

Acq: 3 Aug 2018 22:16

Instrument :

BNA_F

ClientSampleId :

FS-CONCRETE

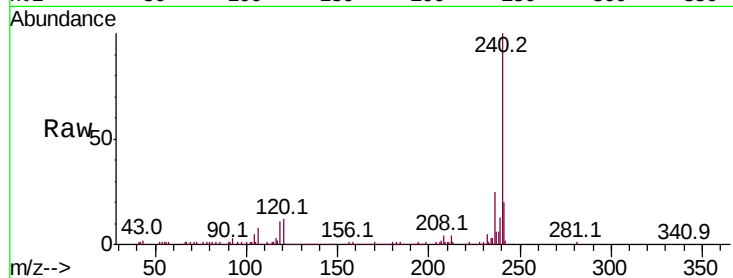
Tot Ion:240 Resp: 312565

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

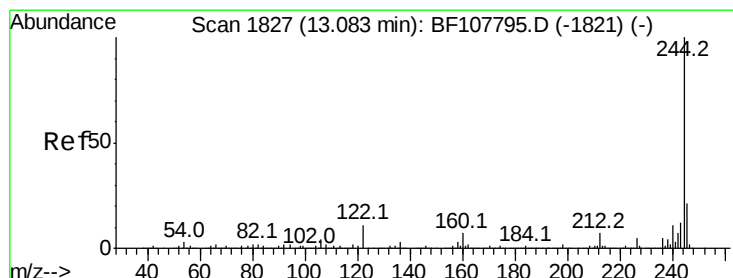
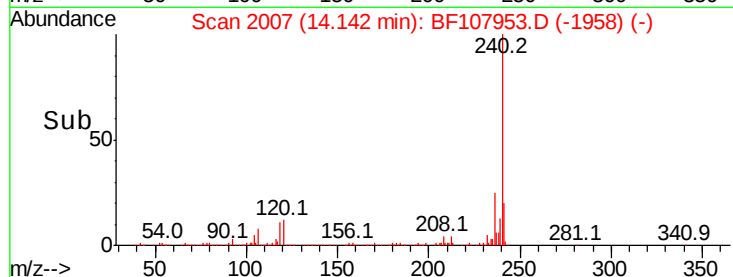
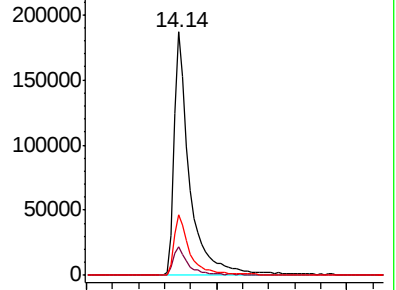
236 24.9 20.7 31.1



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: 68.733 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107953.D

Acq: 3 Aug 2018 22:16

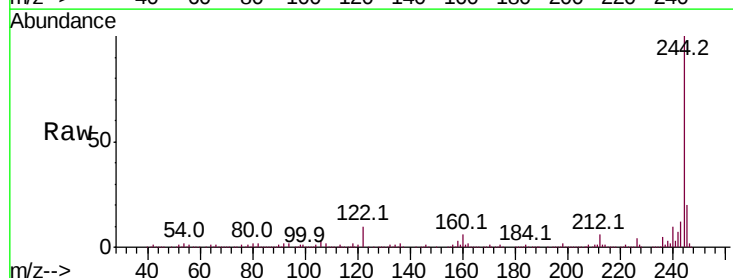
Tgt Ion:244 Resp: 990735

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

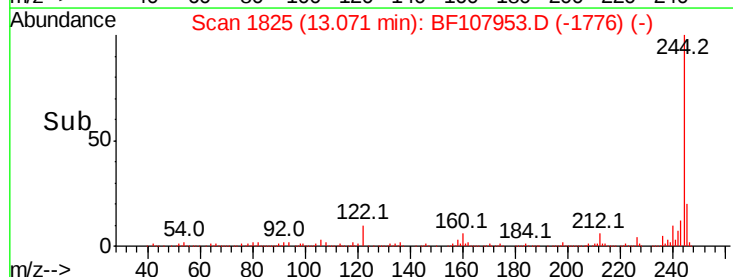
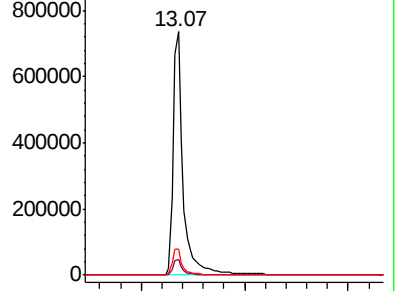
122 10.5 11.0 16.4#

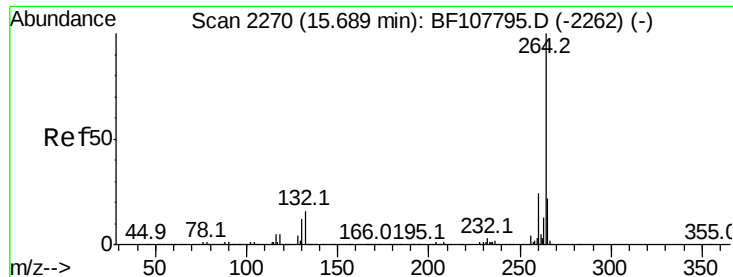


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF107953.D
Acq: 3 Aug 2018 22:16

Instrument :
BNA_F
ClientSampleId :
FS-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.9	17.5	26.3

