

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107109.D
 Acq On : 4 Jul 2018 4:24
 Operator : JU/SJ
 Sample : J3816-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 161-RED-BRICK

Quant Time: Jul 04 05:26:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

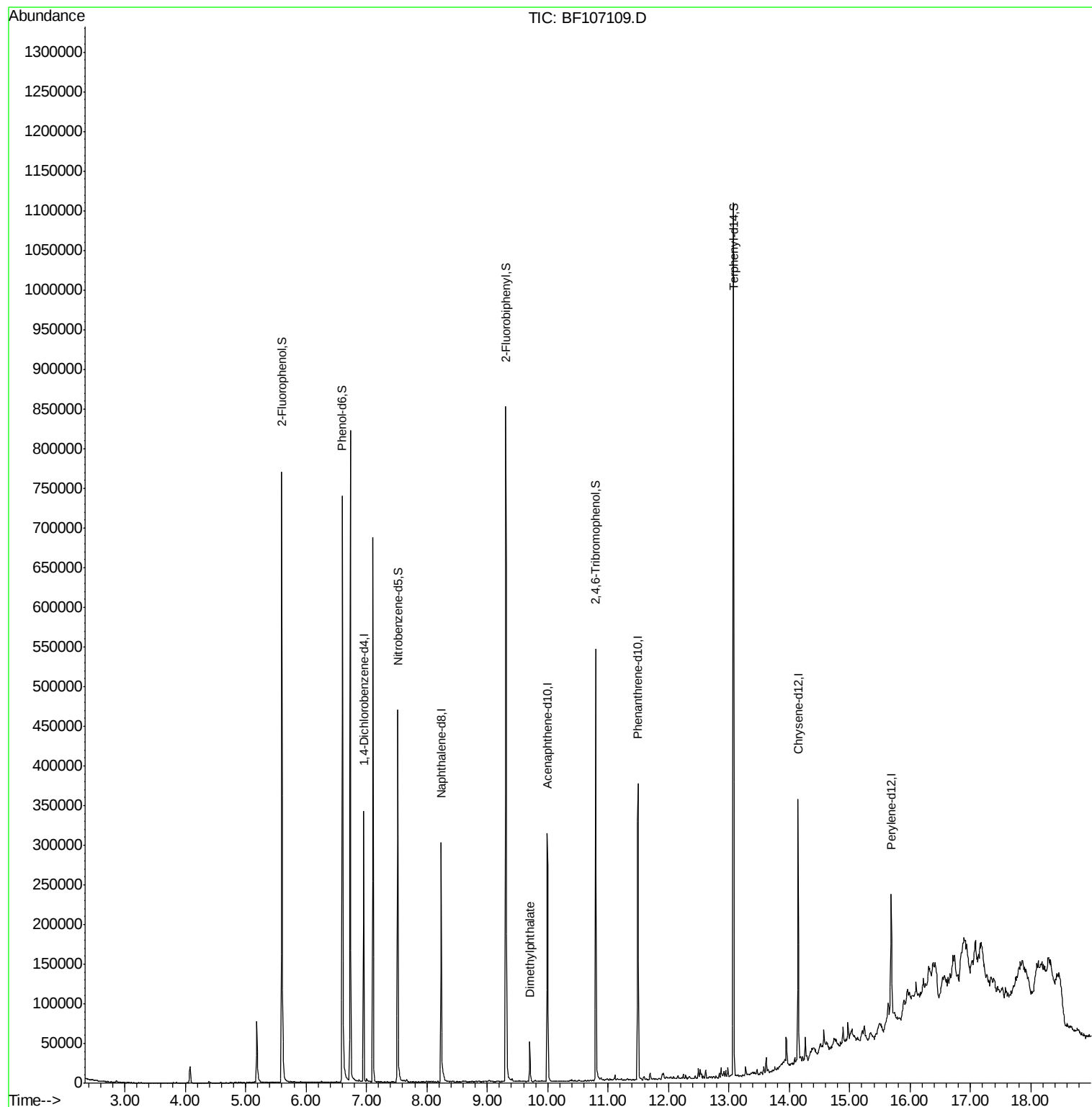
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	45928	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	154245	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	70064	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	154458	20.00	ng	0.00
75) Chrysene-d12	14.15	240	130519	20.00	ng	-0.02
86) Perylene-d12	15.69	264	92975	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	234915	86.61	ng	0.00
7) Phenol-d6	6.60	99	272725	80.52	ng	-0.01
23) Nitrobenzene-d5	7.52	82	153131	55.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	78523	96.70	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	297022	68.97	ng	-0.02
78) Terphenyl-d14	13.08	244	427293	79.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	28279	5.381	ng	Qvalue # 98

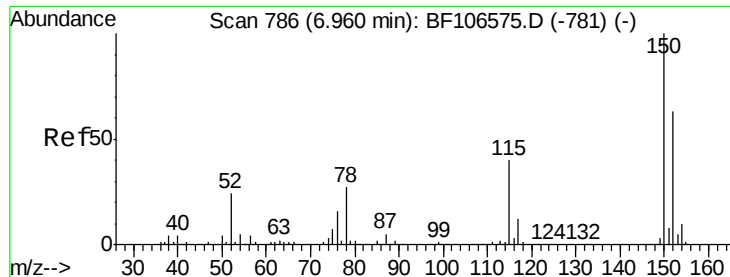
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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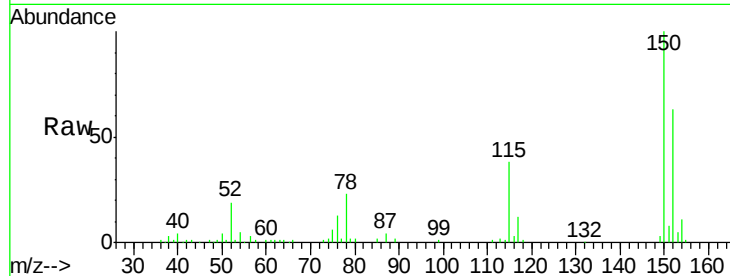


#1

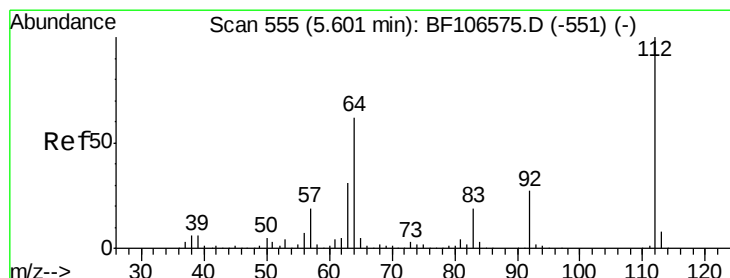
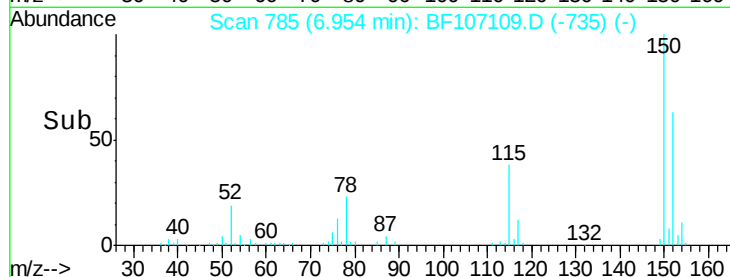
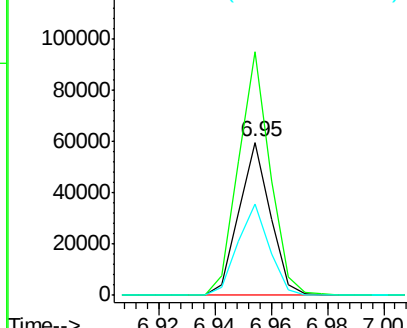
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107109.D
Acq: 4 Jul 2018 4:24

Instrument :
BNA_F
ClientSampleId :
161-RED-BRICK

Tot Ion:152 Resp: 45928
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 59.8 50.1 75.1



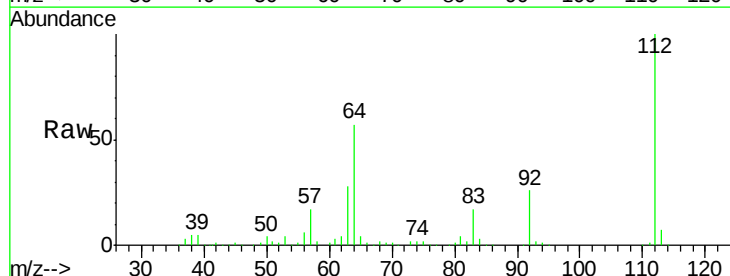
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



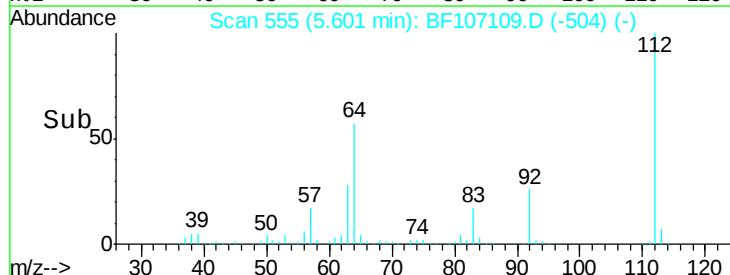
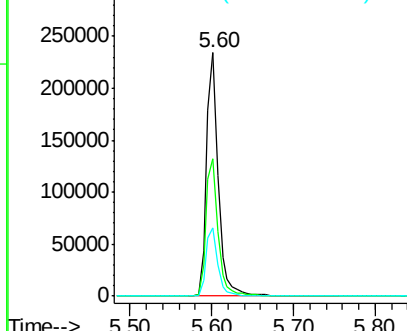
#5

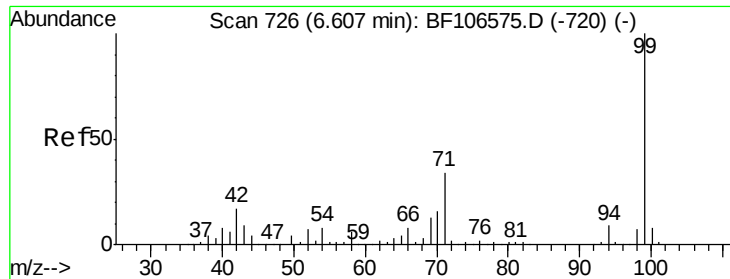
2-Fluorophenol
Concen: 86.611 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107109.D
Acq: 4 Jul 2018 4:24

Tgt Ion:112 Resp: 234915
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.1 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: 80.518 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107109.D

Acq: 4 Jul 2018 4:24

Instrument :

BNA_F

ClientSampleId :

161-RED-BRICK

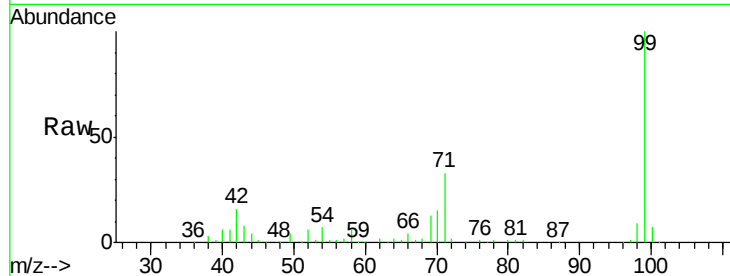
Tot Ion: 99 Resp: 272725

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

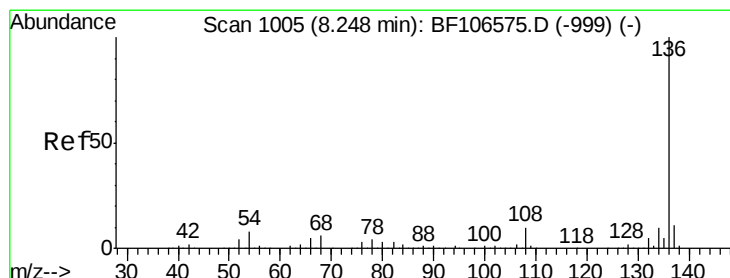
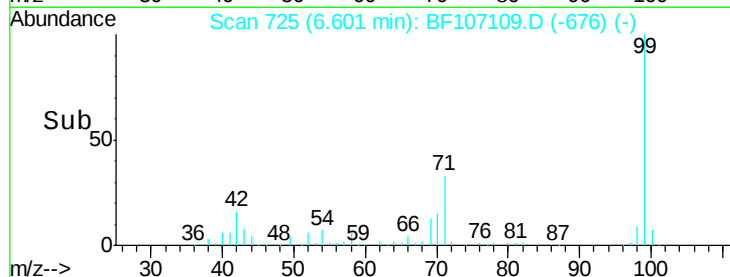
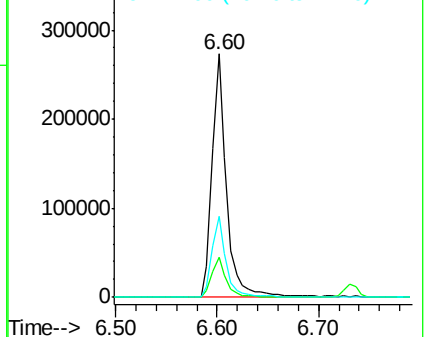
71 33.4 25.4 38.0



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: BF107109.D

Acq: 4 Jul 2018 4:24

Tgt Ion: 136 Resp: 154245

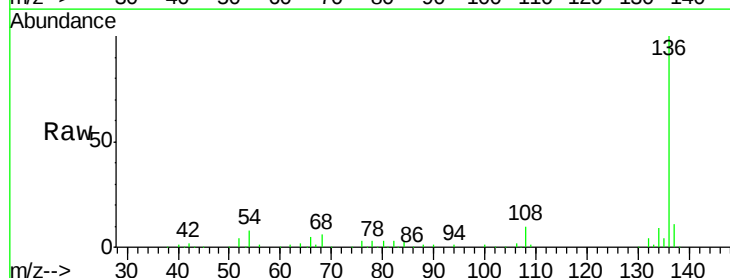
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.3 6.6 9.8

68 6.0 5.0 7.4

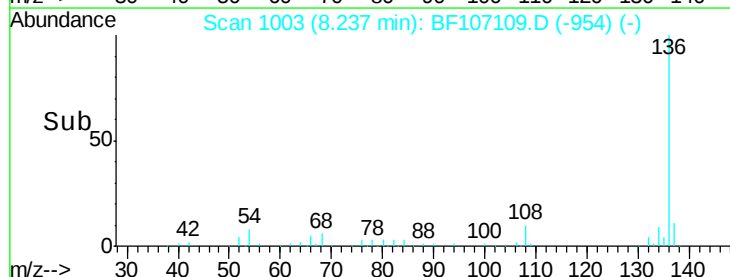
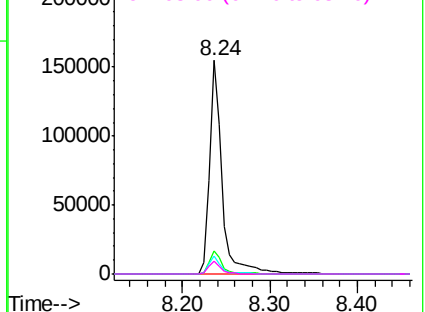


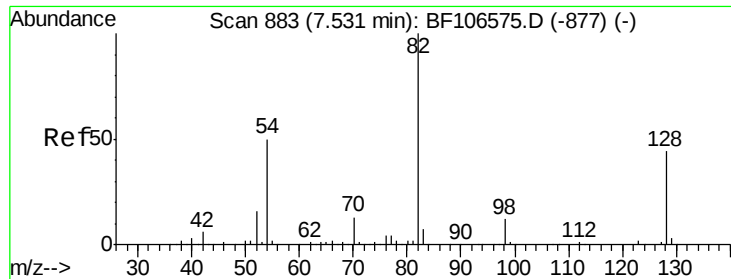
Abundance Ion 136.00 (135.70 to 136.70): E

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

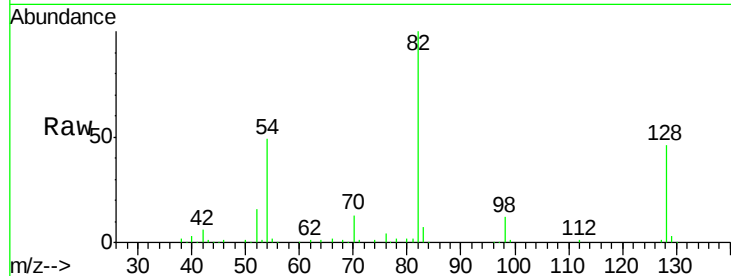




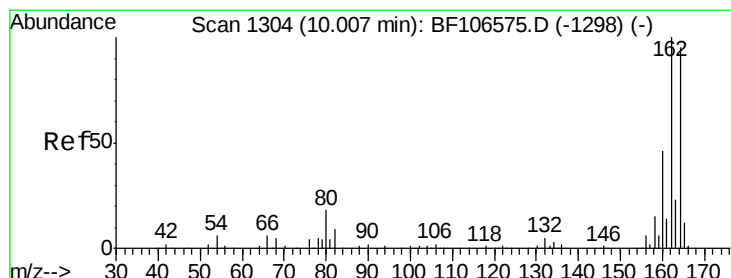
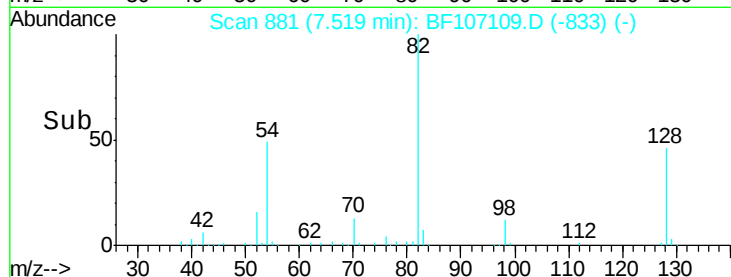
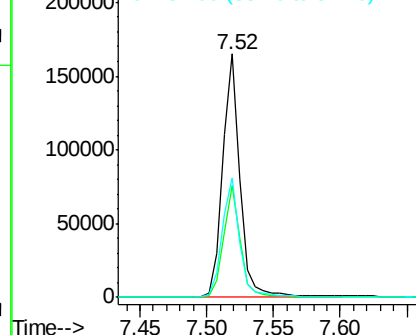
#23
Nitrobenzene-d5
Concen: 55.172 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107109.D
Acq: 4 Jul 2018 4:24

Instrument :
BNA_F
ClientSampleId :
161-RED-BRICK

Tot Ion: 82 Resp: 153131
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 49.1 41.4 62.2

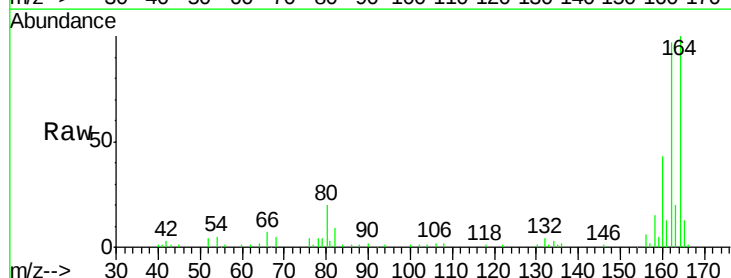


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

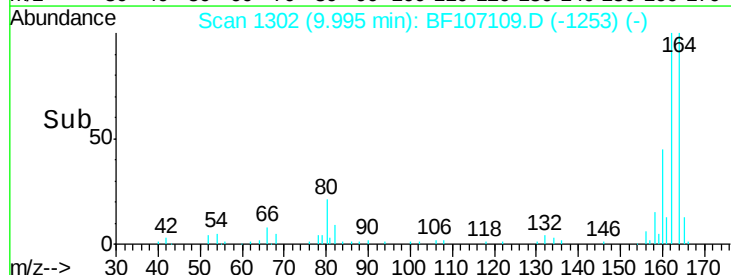
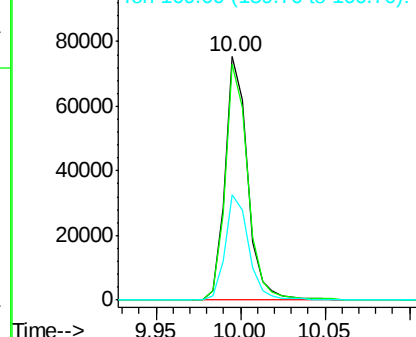


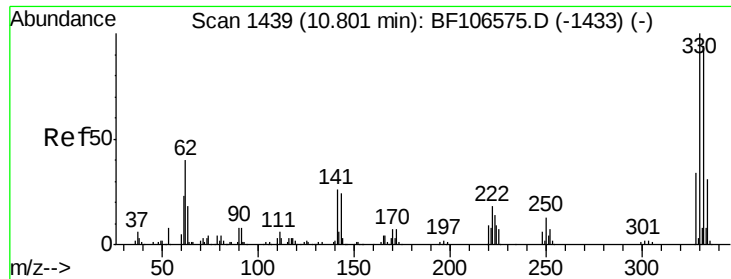
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107109.D
Acq: 4 Jul 2018 4:24

Tgt Ion:164 Resp: 70064
Ion Ratio Lower Upper
164 100
162 96.8 86.1 129.1
160 43.3 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

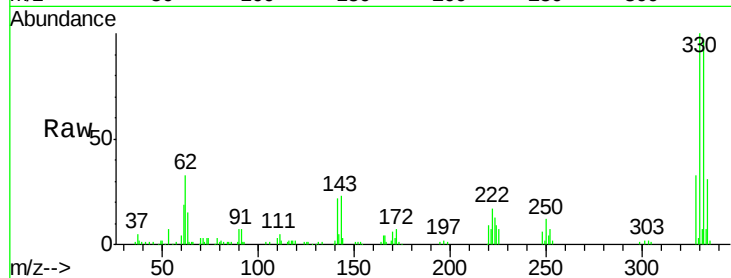




#41
 2,4,6-Tribromophenol
 Concen: 96.696 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107109.D
 Acq: 4 Jul 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 161-RED-BRICK

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	23.3	29.9	44.9#

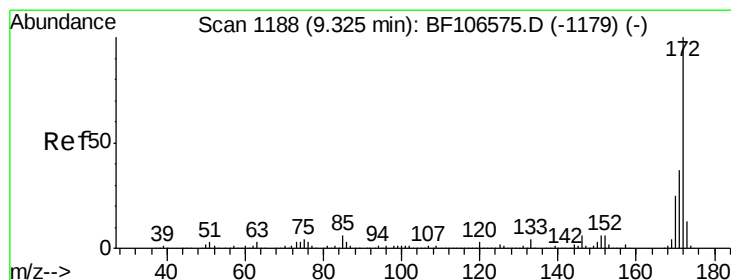
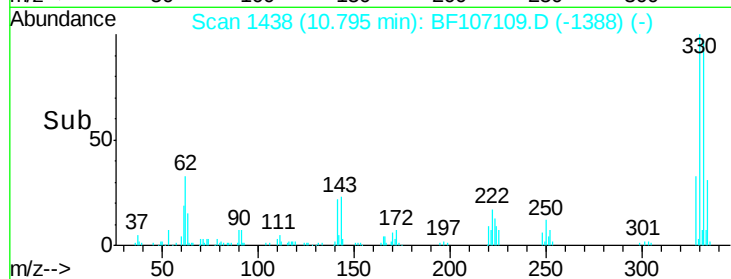
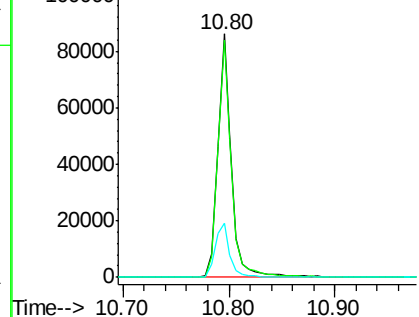


Abundance

Ion 329.80 (329.50 to 330.50): E

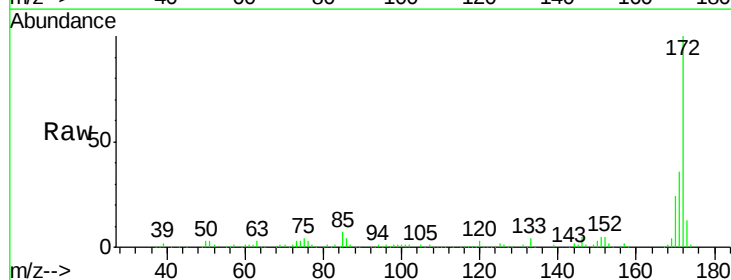
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.974 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107109.D
 Acq: 4 Jul 2018 4:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	19.6	29.4

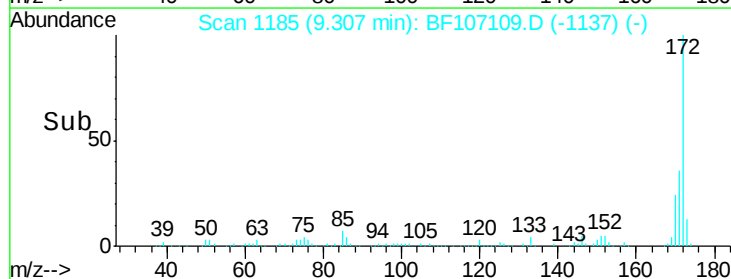
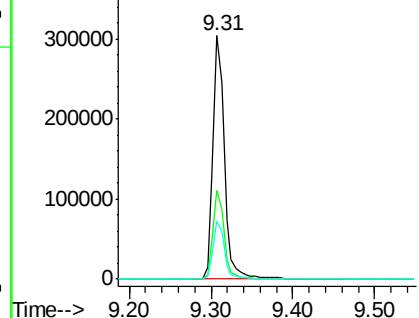


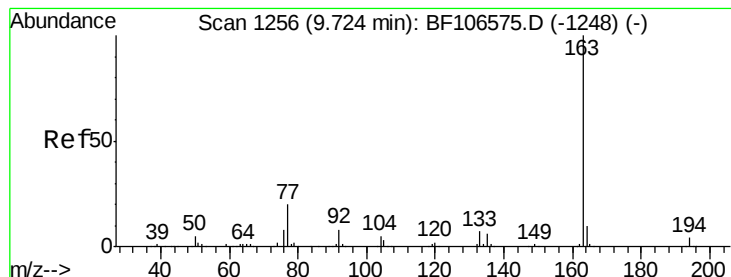
Abundance

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: 5.381 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107109.D

Acq: 4 Jul 2018 4:24

Instrument :

BNA_F

ClientSampleId :

161-RED-BRICK

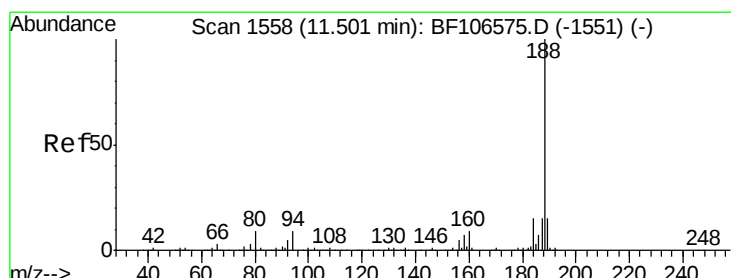
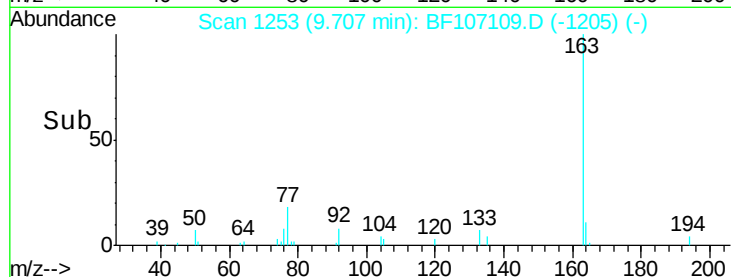
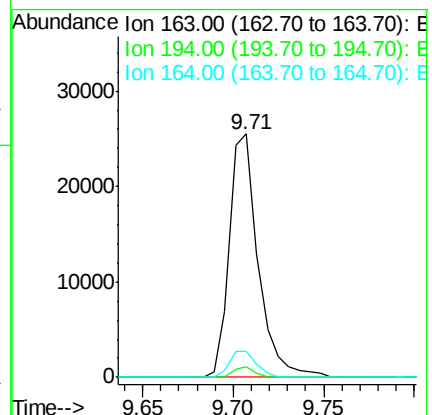
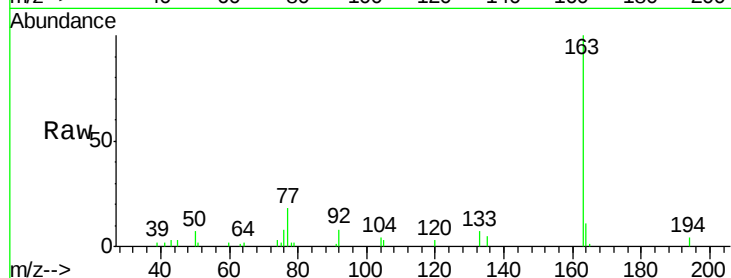
Tot Ion:163 Resp: 28279

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

164 10.9 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107109.D

Acq: 4 Jul 2018 4:24

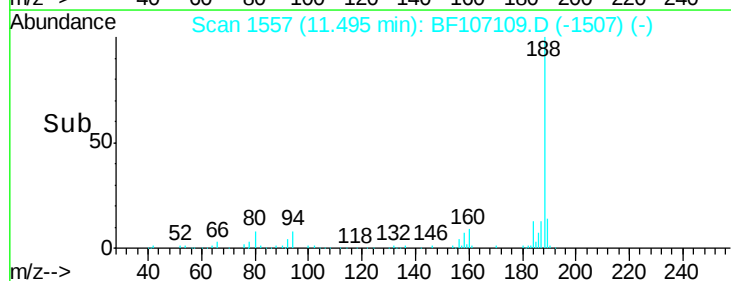
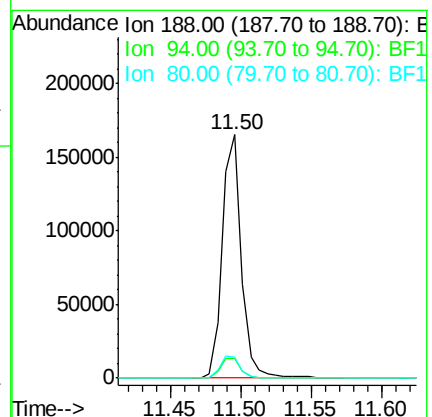
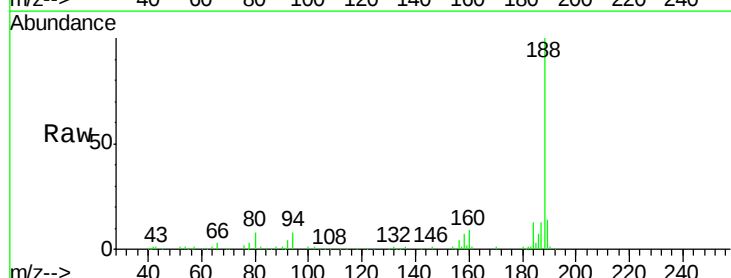
Tgt Ion:188 Resp: 154458

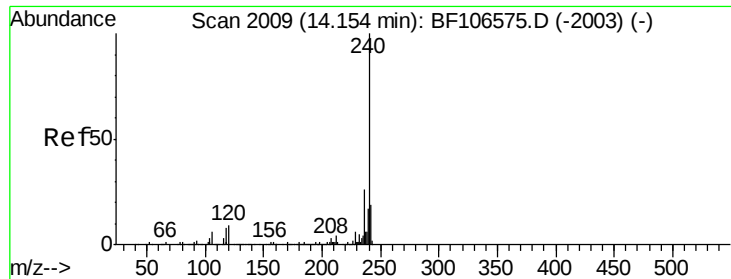
Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

80 8.4 9.2 13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107109.D

Acq: 4 Jul 2018 4:24

Instrument :

BNA_F

ClientSampleId :

161-RED-BRICK

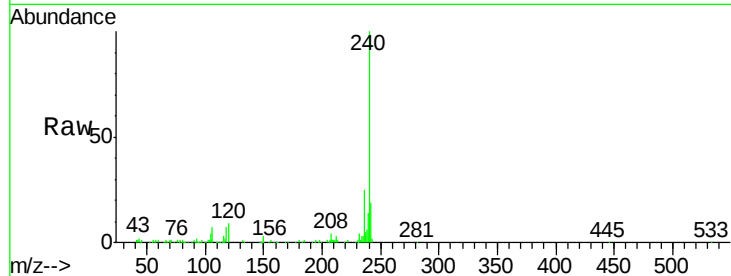
Tot Ion:240 Resp: 130519

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

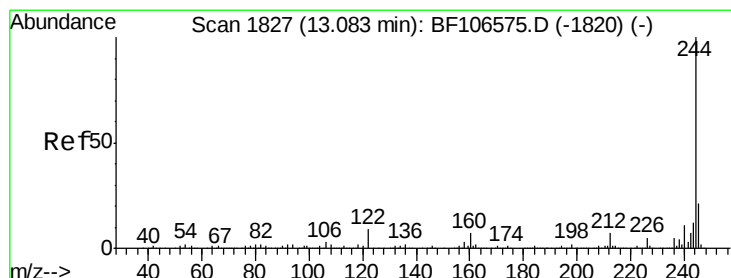
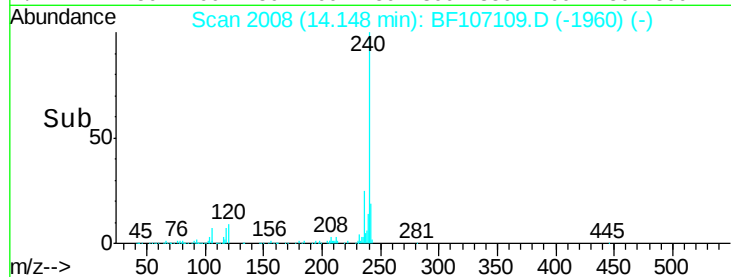
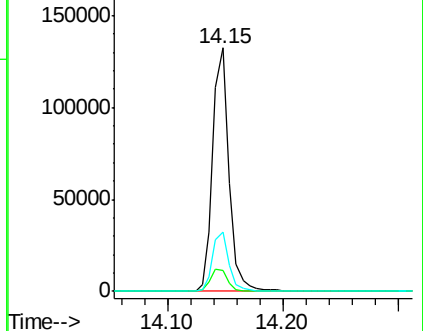
236 24.6 20.7 31.1



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: 79.301 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107109.D

Acq: 4 Jul 2018 4:24

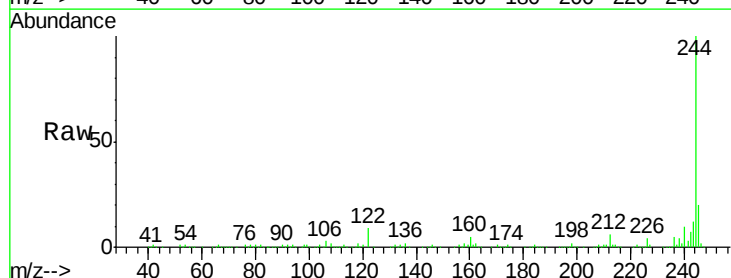
Tgt Ion:244 Resp: 427293

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

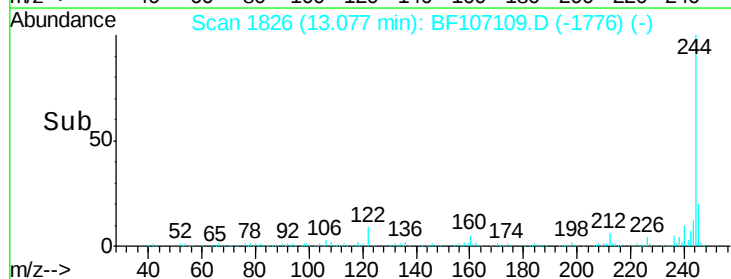
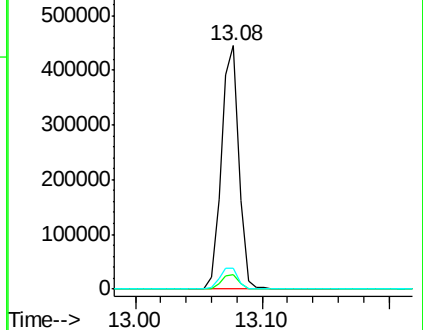
122 8.5 11.0 16.4#

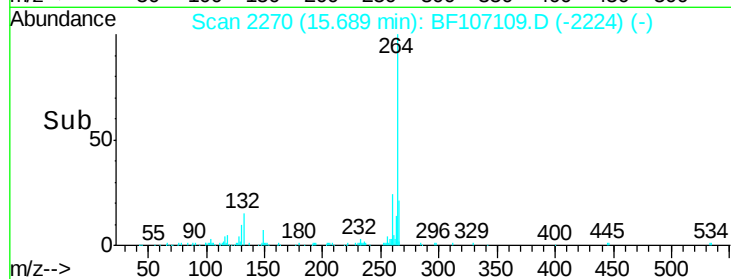
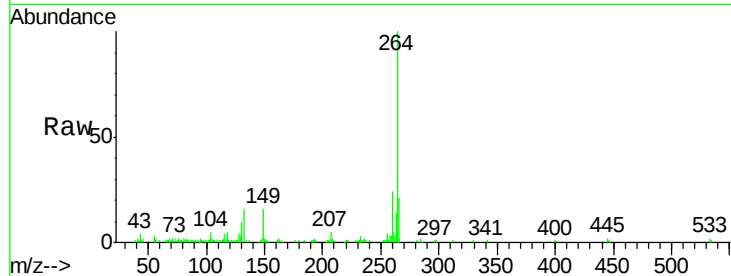
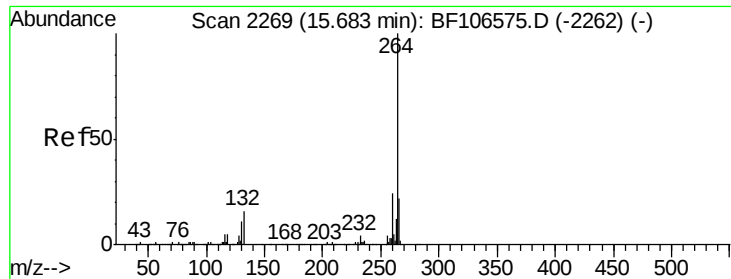


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270

Delta R.T. -0.03 min

Lab File: BF107109.D

Acq: 4 Jul 2018 4:24

Instrument :

BNA_F

ClientSampleId :

161-RED-BRICK

Tot Ion:264 Resp: 92975

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.0 17.5 26.3

