

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107781.D
 Acq On : 28 Jul 2018 7:50
 Operator : JU/SJ
 Sample : J4184-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9B

Quant Time: Jul 30 03:18:06 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

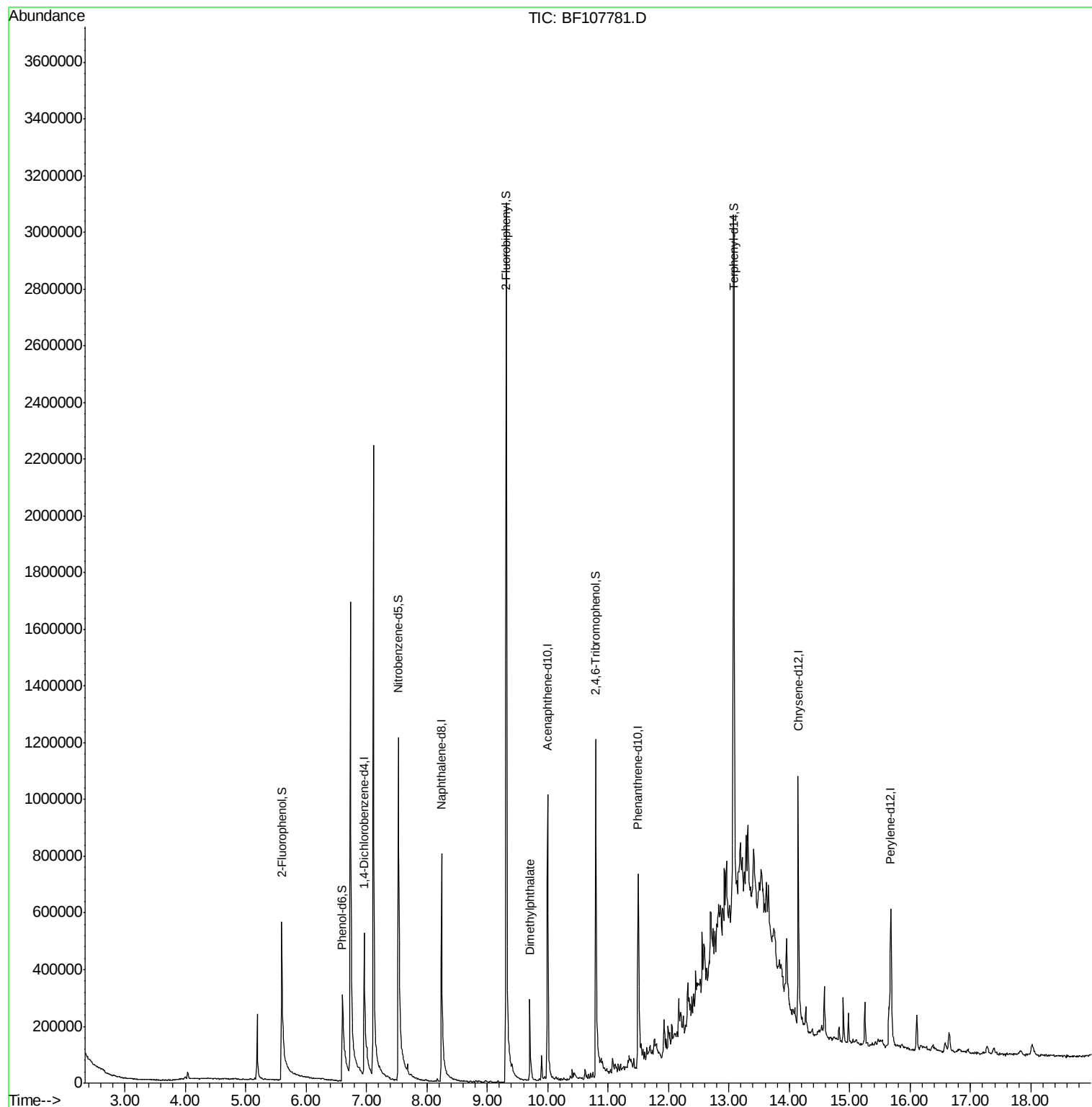
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	151971	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	586017	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	233225	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	414058	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	430880	20.00	ng	-0.02
86) Perylene-d12	15.68	264	338196	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	365666	38.69	ng	-0.01
7) Phenol-d6	6.60	99	328156	28.91	ng	-0.01
23) Nitrobenzene-d5	7.53	82	721388	83.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	227660	85.84	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1394840	111.34	ng	-0.02
78) Terphenyl-d14	13.08	244	1130612	67.18	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	150666	8.572	ng	Qvalue 100

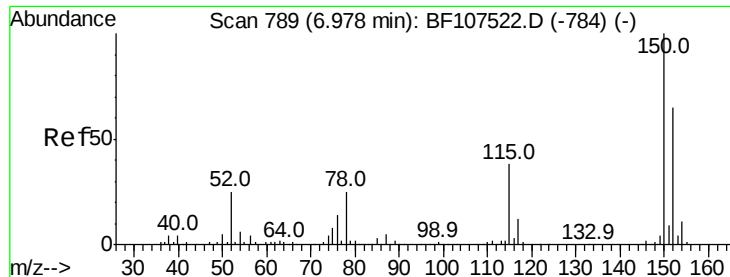
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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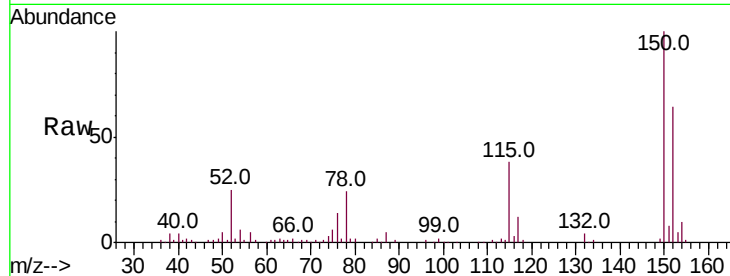


#1

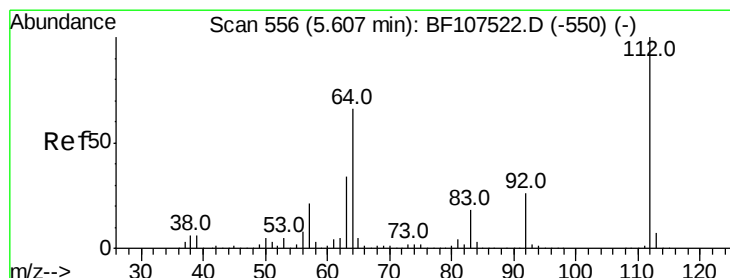
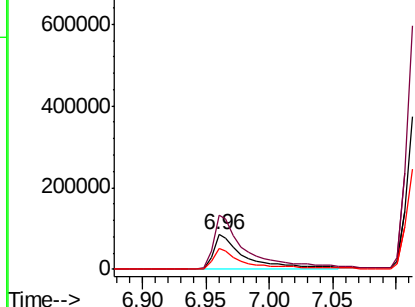
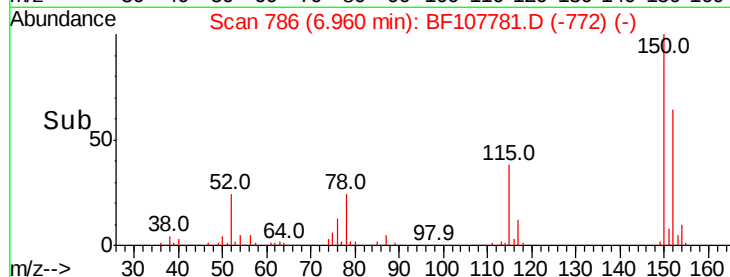
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107781.D
Acq: 28 Jul 2018 7:50

Instrument :
BNA_F
ClientSampleId :
MW-9B

Tot Ion:152 Resp: 151971
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.0 50.1 75.1



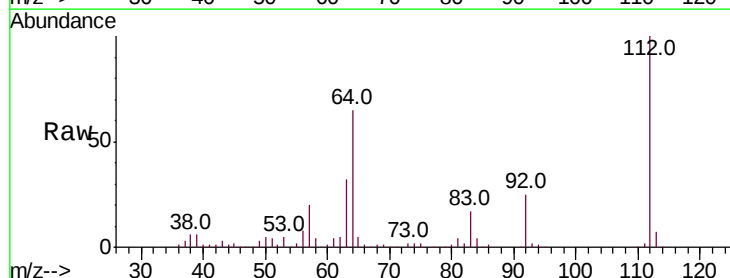
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



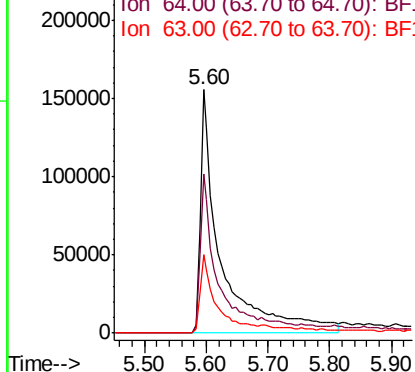
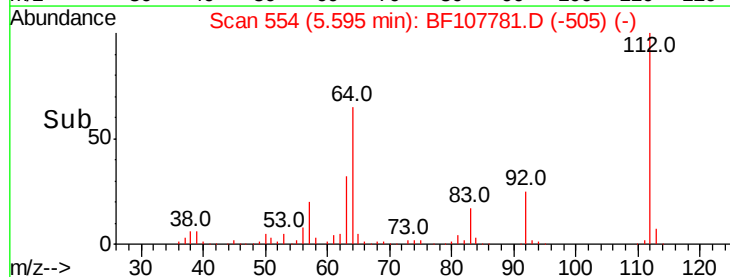
#5

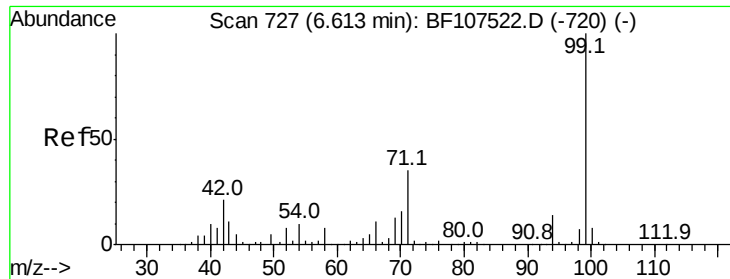
2-Fluorophenol
Concen: 38.686 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107781.D
Acq: 28 Jul 2018 7:50

Tgt Ion:112 Resp: 365666
Ion Ratio Lower Upper
112 100
64 65.2 47.9 71.9
63 32.4 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: 28.914 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107781.D

Acq: 28 Jul 2018 7:50

Instrument :

BNA_F

ClientSampled :

MW-9B

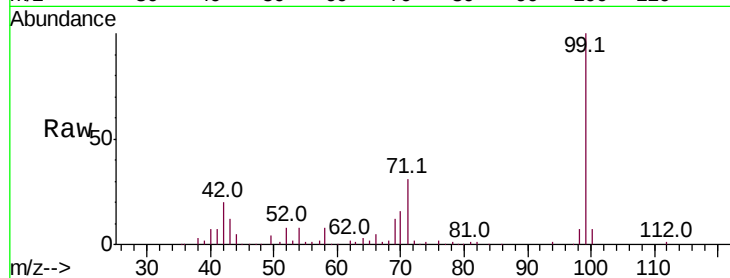
Tot Ion: 99 Resp: 328156

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

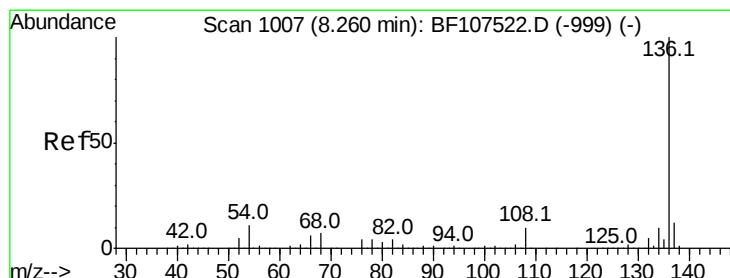
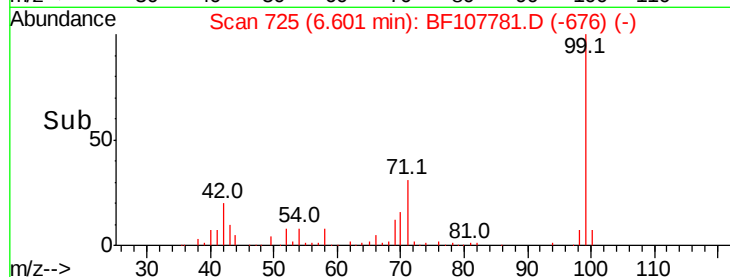
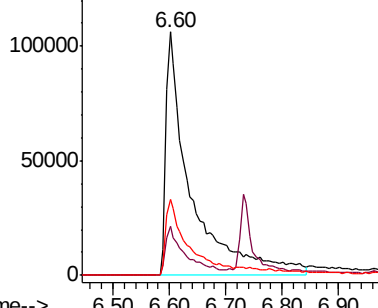
71 31.2 25.4 38.0



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: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107781.D

Acq: 28 Jul 2018 7:50

Tgt Ion: 136 Resp: 586017

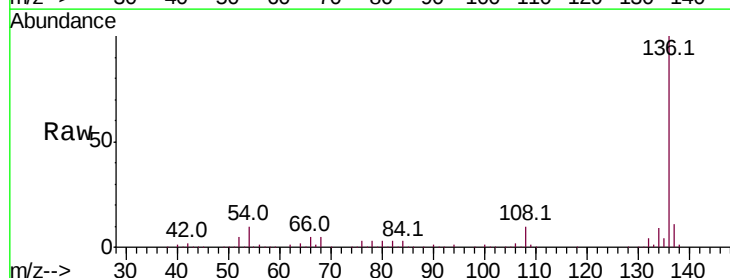
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.7 6.6 9.8

68 5.2 5.0 7.4

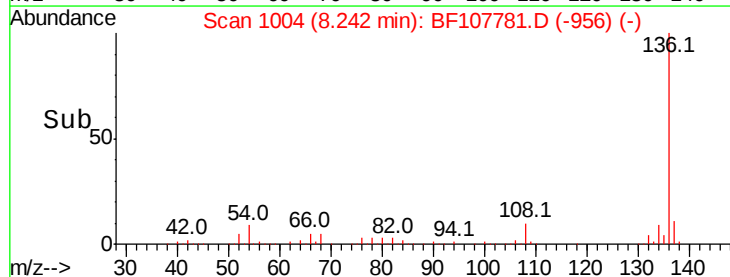
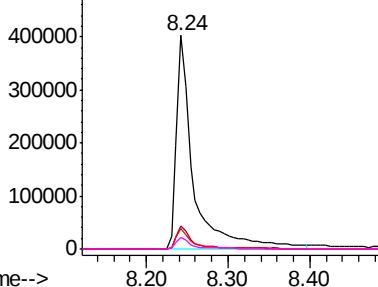


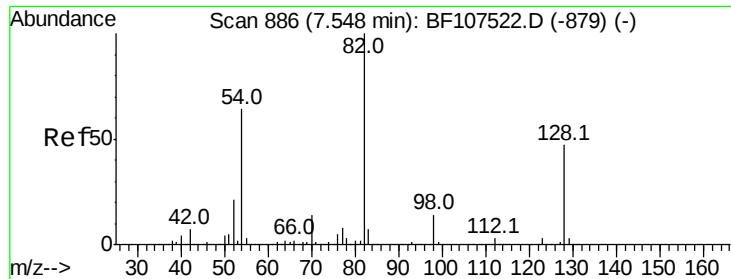
Abundance Ion 136.00 (135.70 to 136.70): E

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

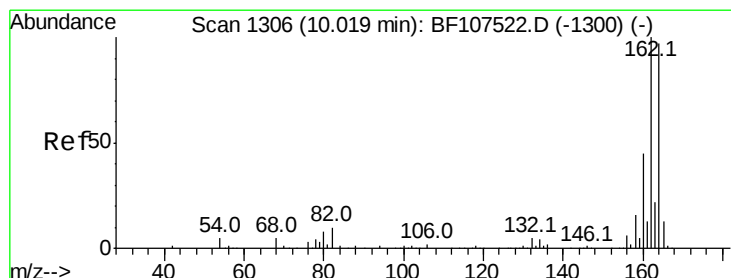
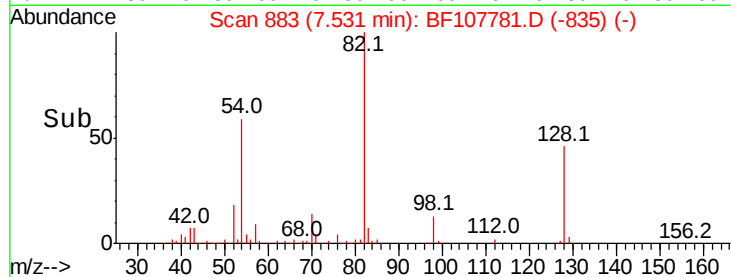
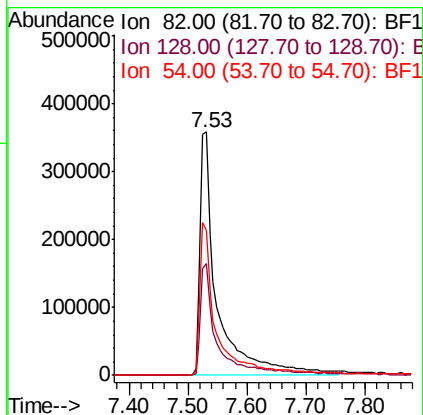
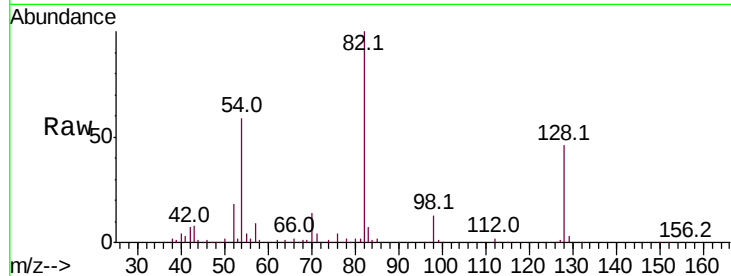




#23
 Nitrobenzene-d5
 Concen: 83.077 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107781.D
 Acq: 28 Jul 2018 7:50

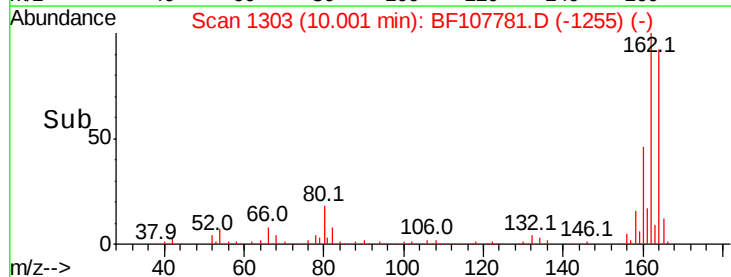
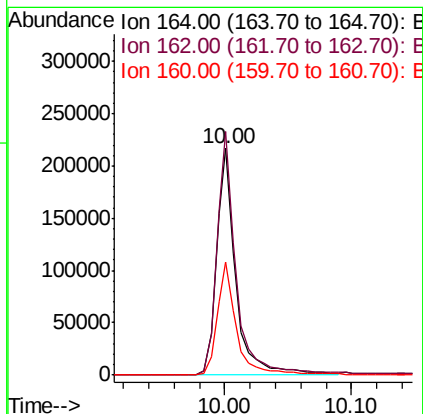
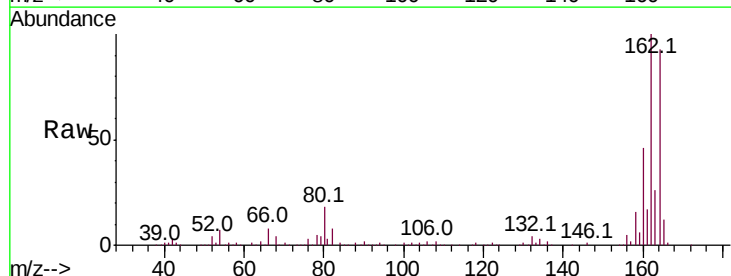
Instrument :
 BNA_F
 ClientSampled :
 MW-9B

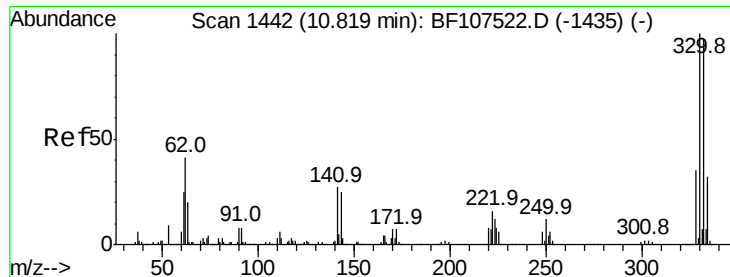
Tot Ion	82	Resp	721388
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.1	54.1
54	59.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107781.D
 Acq: 28 Jul 2018 7:50

Tgt Ion	164	Resp	233225
Ion Ratio	Lower	Upper	
164	100		
162	107.4	86.1	129.1
160	49.6	38.3	57.5

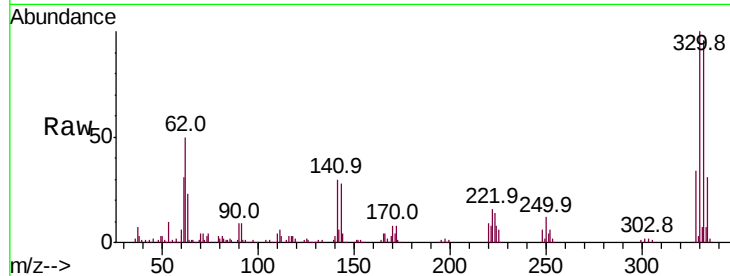




#41
 2,4,6-Tribromophenol
 Concen: 85.840 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107781.D
 Acq: 28 Jul 2018 7:50

Instrument :
 BNA_F
 ClientSampled :
 MW-9B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	31.0	29.9	44.9

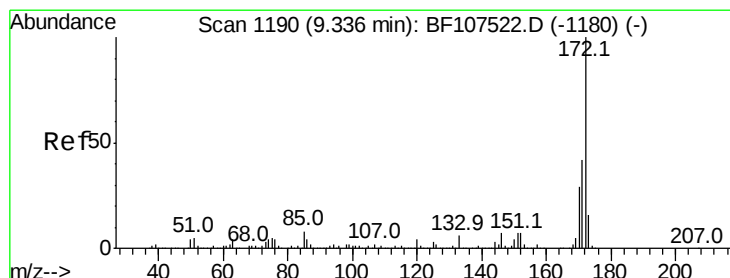
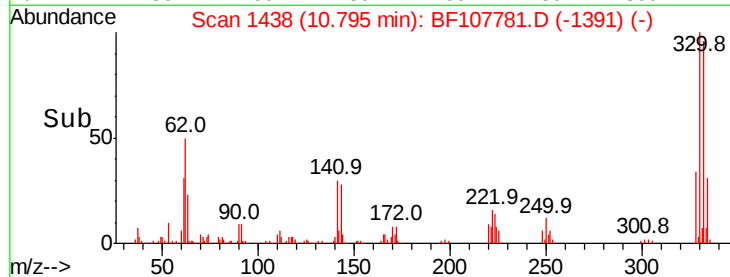
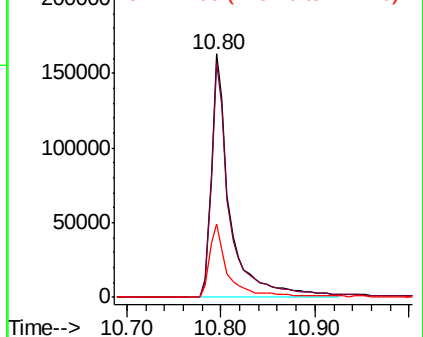


Abundance

Ion 329.80 (329.50 to 330.50): E

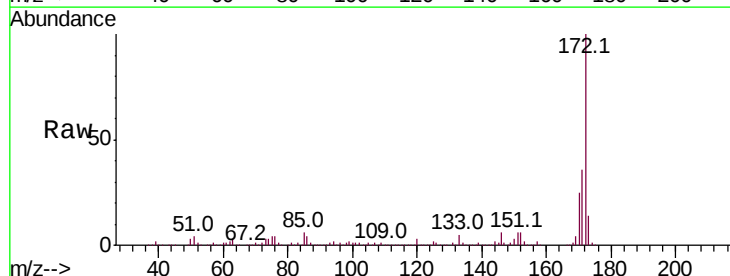
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 111.341 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107781.D
 Acq: 28 Jul 2018 7:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4

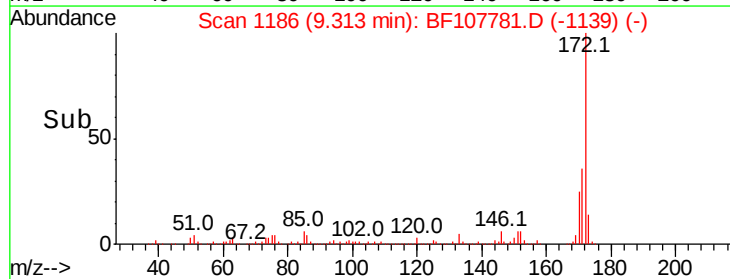
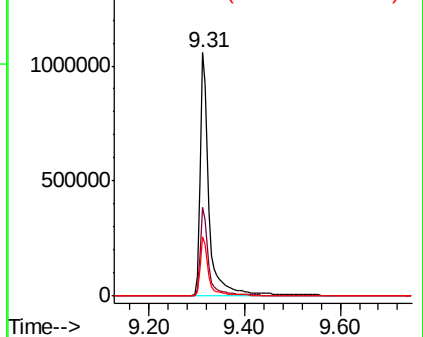


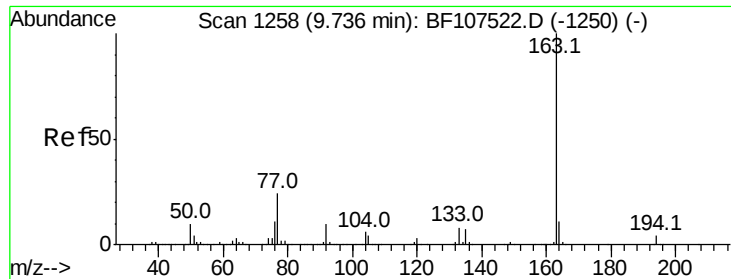
Abundance

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

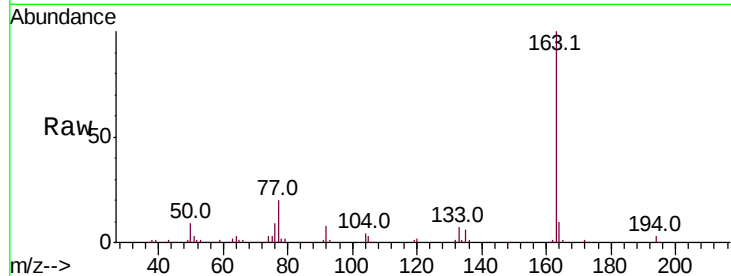




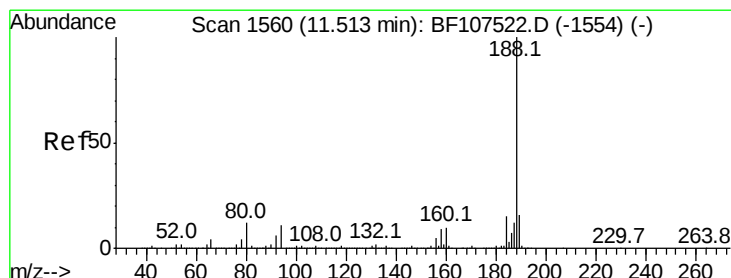
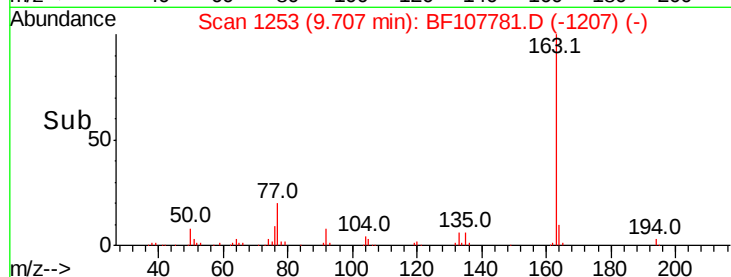
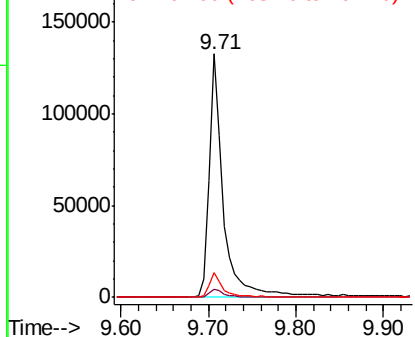
#49
Dimethylphthalate
Concen: 8.572 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107781.D
Acq: 28 Jul 2018 7:50

Instrument :
BNA_F
ClientSampleId :
MW-9B

Tot Ion:163 Resp: 150666
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2

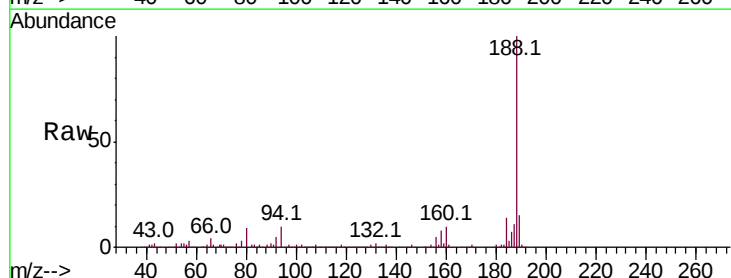


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

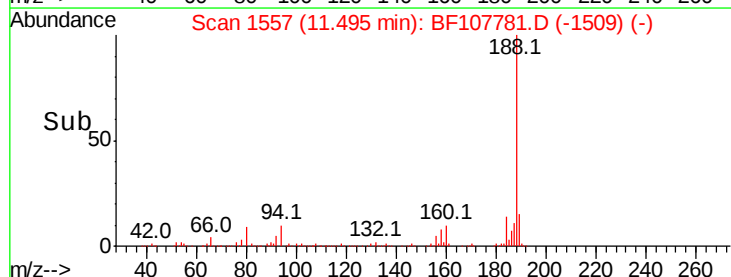
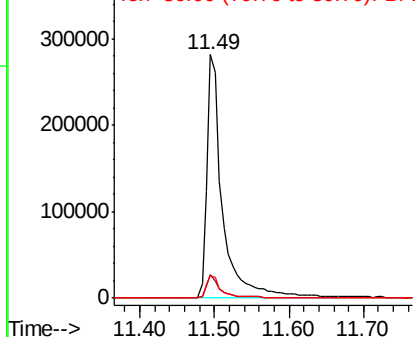


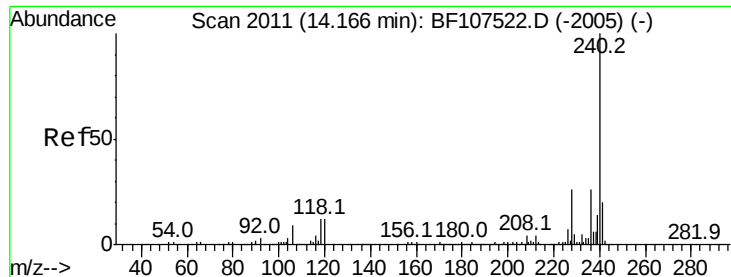
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107781.D
Acq: 28 Jul 2018 7:50

Tgt Ion:188 Resp: 414058
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.0 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: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107781.D

Acq: 28 Jul 2018 7:50

Instrument :

BNA_F

ClientSampleId :

MW-9B

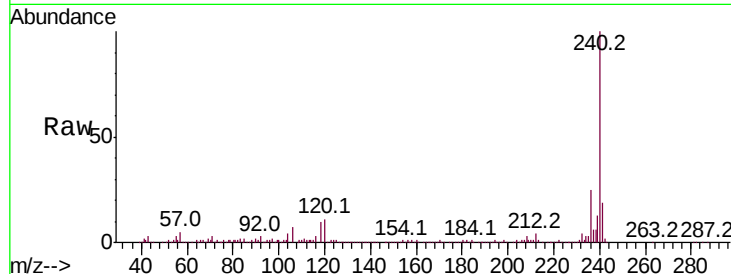
Tot Ion:240 Resp: 430880

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

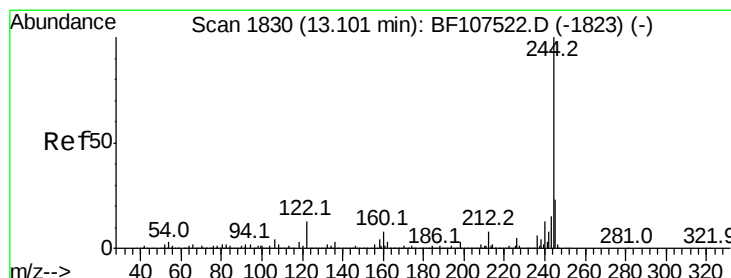
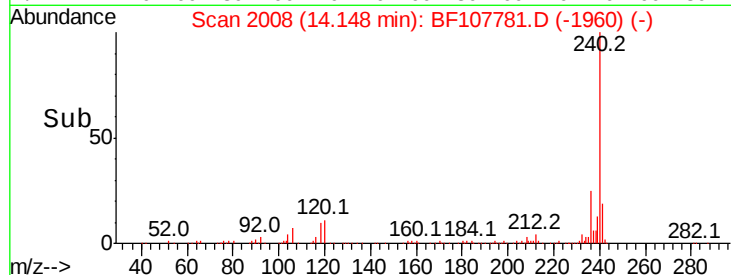
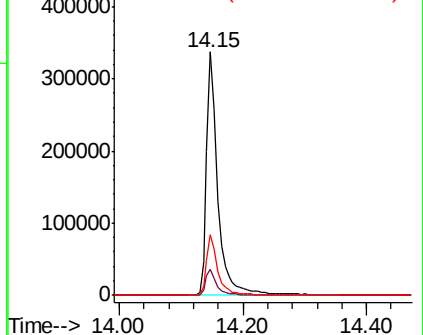
236 24.8 20.7 31.1



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: 67.176 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107781.D

Acq: 28 Jul 2018 7:50

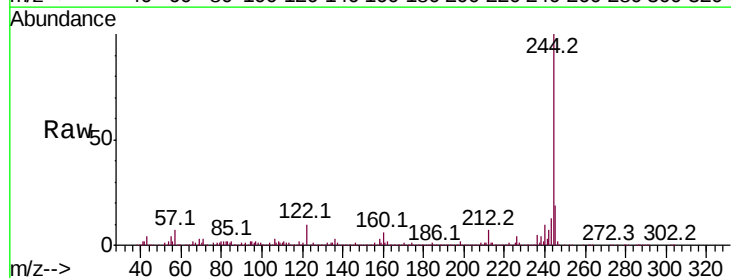
Tgt Ion:244 Resp: 1130612

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

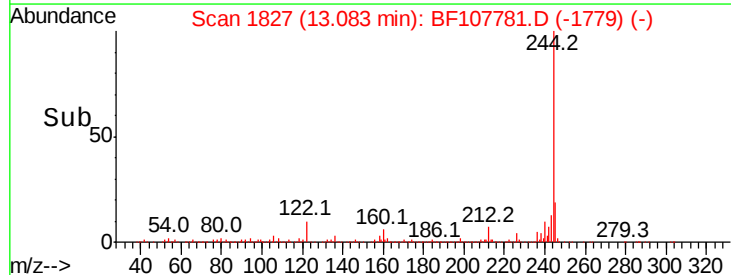
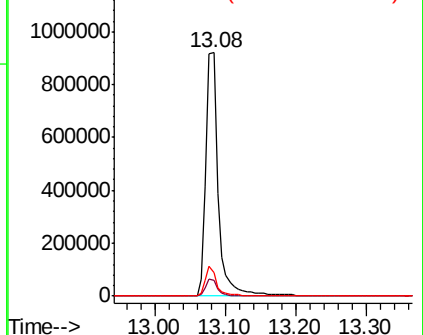
122 9.8 11.0 16.4#

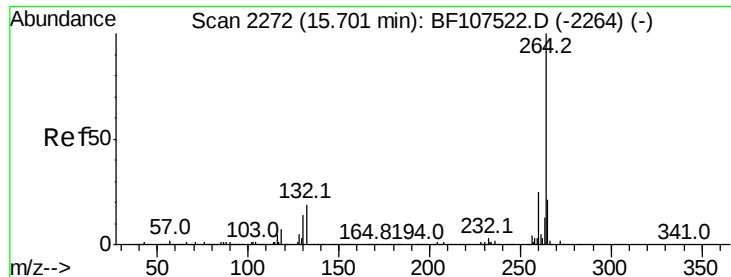


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107781.D
Acq: 28 Jul 2018 7:50

Instrument :
BNA_F
ClientSampleId :
MW-9B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3

