

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109666.D
 Acq On : 8 Oct 2018 23:49
 Operator : JU/SJ
 Sample : J5294-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-SUB

Quant Time: Oct 09 04:58:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

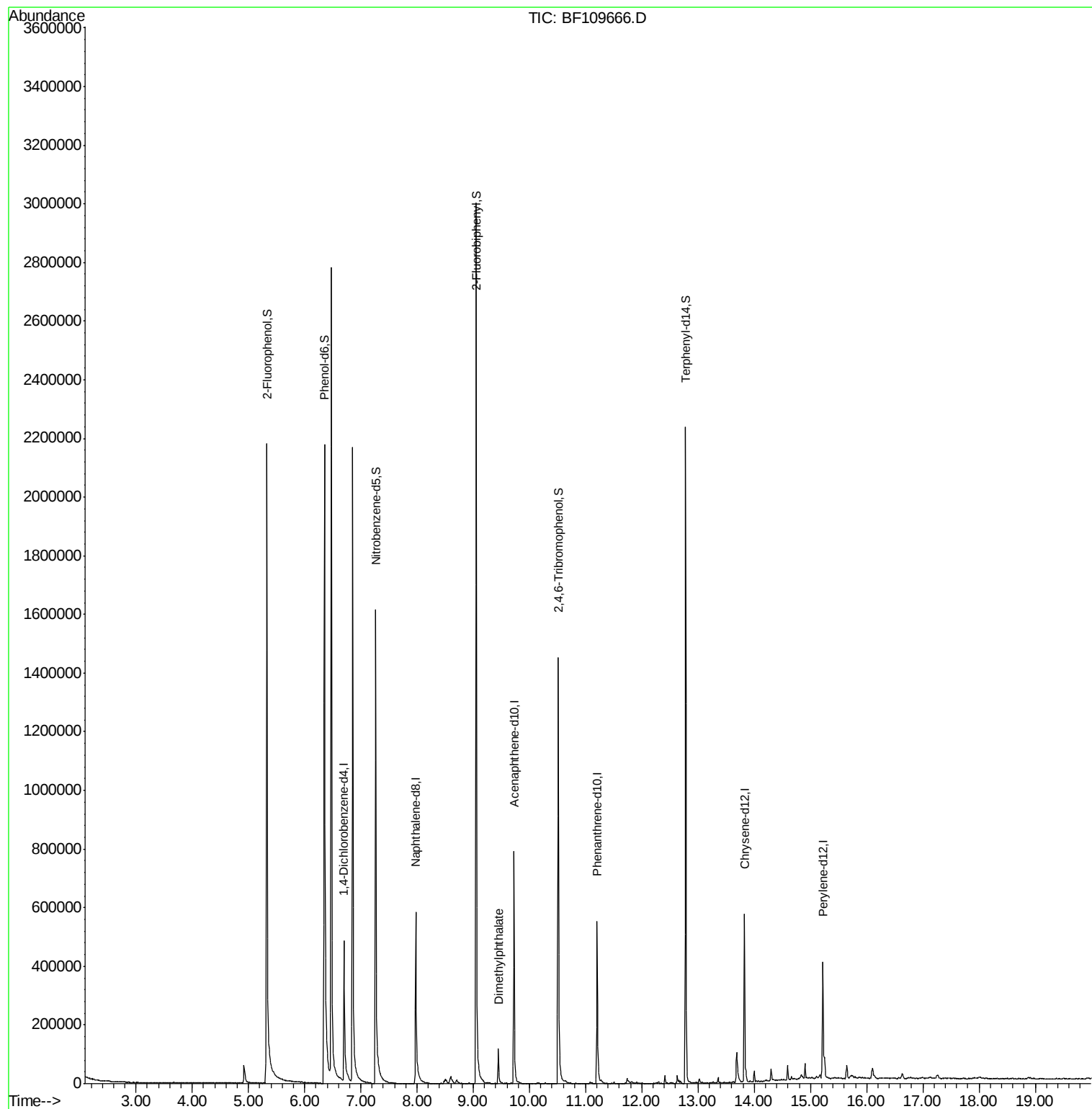
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108434	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	420697	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	172189	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	284688	20.00	ng	0.00
75) Chrysene-d12	13.83	240	229411	20.00	ng	0.00
86) Perylene-d12	15.22	264	201940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	870272	142.46	ng	0.00
7) Phenol-d6	6.36	99	1154386	141.46	ng	0.00
23) Nitrobenzene-d5	7.26	82	742508	97.29	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	224807	119.82	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1133521	90.66	ng	0.00
78) Terphenyl-d14	12.78	244	799472	67.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	69722	5.521	ng	99

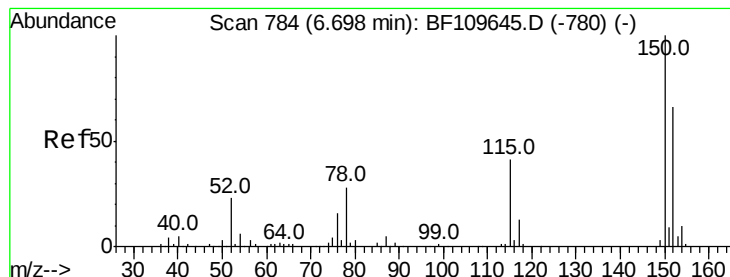
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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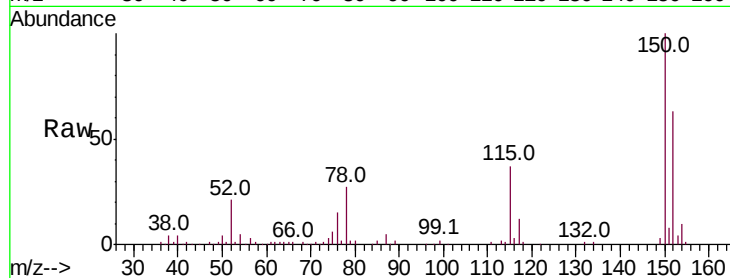


#1

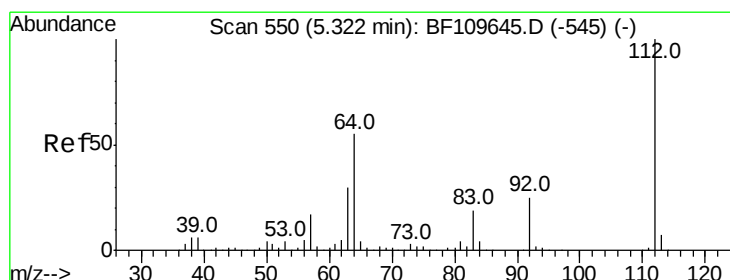
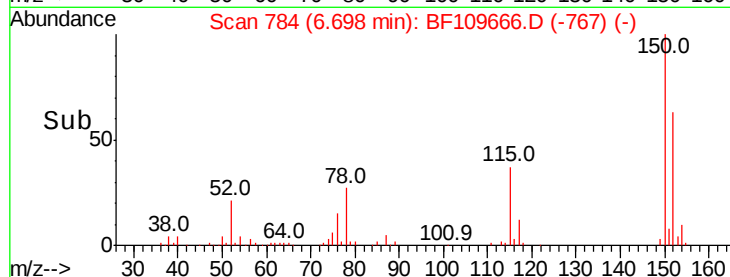
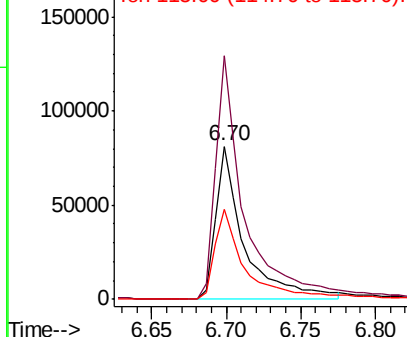
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF109666.D
 Acq: 8 Oct 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 HP-SUB

Tot Ion:152 Resp: 108434
 Ion Ratio Lower Upper
 152 100
 150 159.3 122.7 184.1
 115 58.6 49.1 73.7



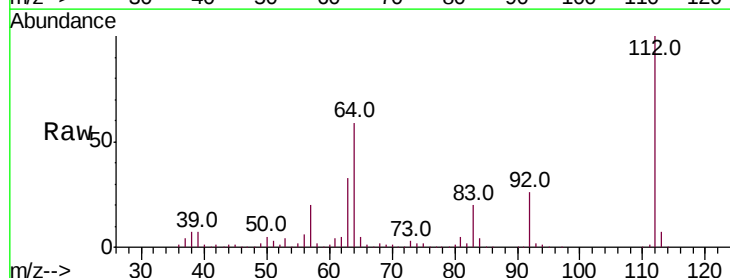
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



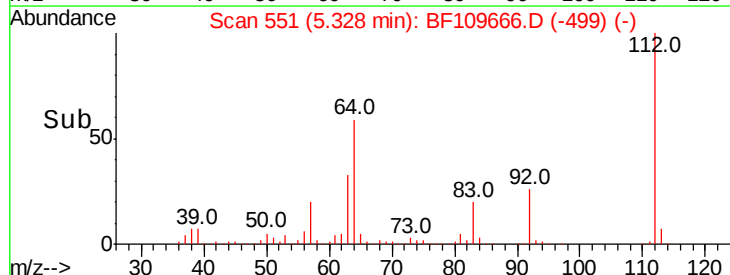
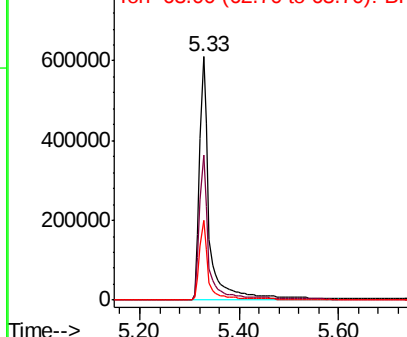
#5

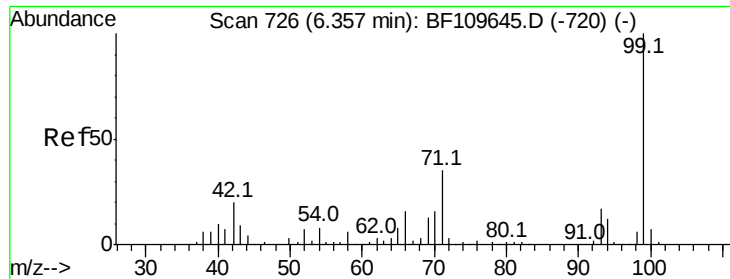
2-Fluorophenol
 Concen: 142.461 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109666.D
 Acq: 8 Oct 2018 23:49

Tgt Ion:112 Resp: 870272
 Ion Ratio Lower Upper
 112 100
 64 59.5 44.1 66.1
 63 32.9 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: 141.456 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109666.D

Acq: 8 Oct 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HP-SUB

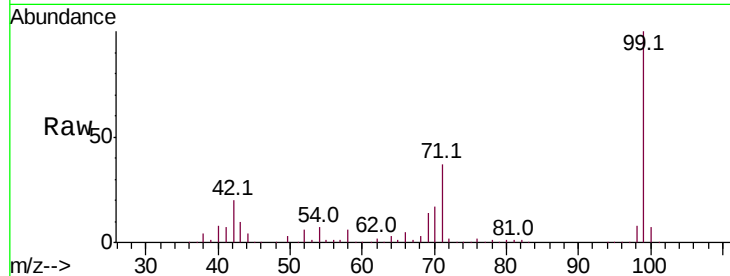
Tot Ion: 99 Resp: 1154386

Ion Ratio Lower Upper

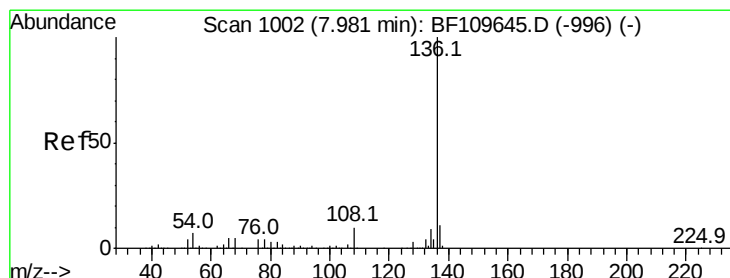
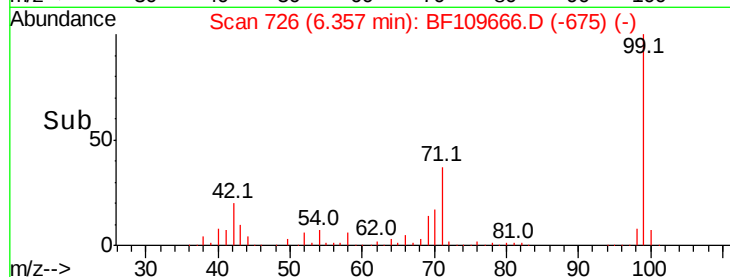
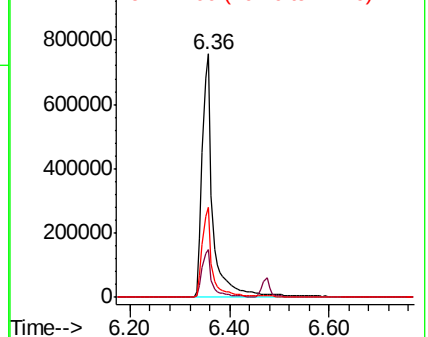
99 100

42 19.6 15.8 23.6

71 36.9 28.0 42.0



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109666.D

Acq: 8 Oct 2018 23:49

Tgt Ion: 136 Resp: 420697

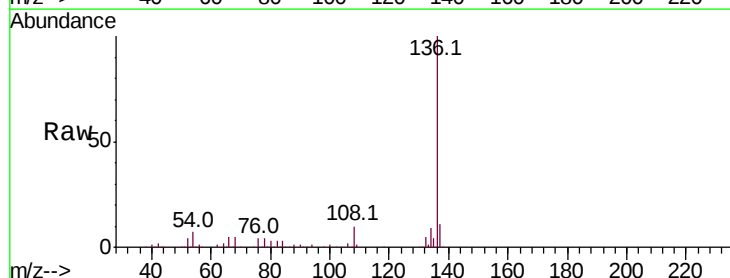
Ion Ratio Lower Upper

136 100

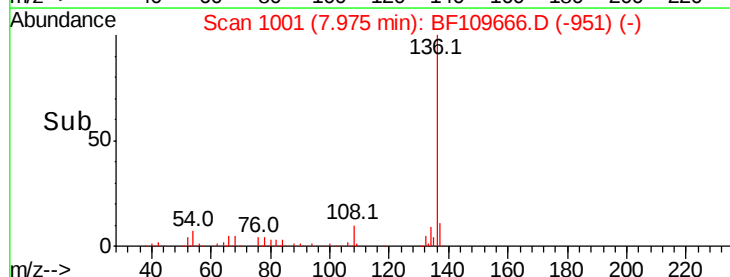
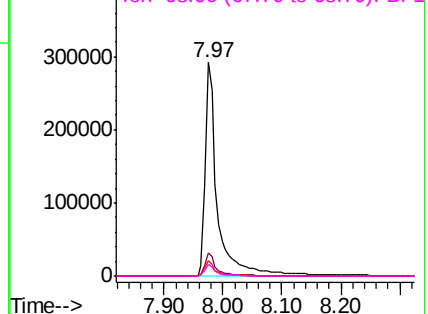
137 10.8 8.8 13.2

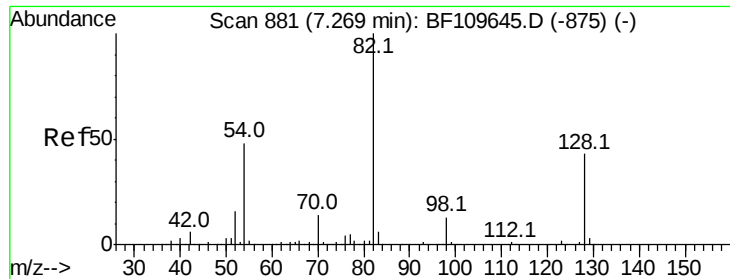
54 7.0 5.4 8.2

68 5.5 4.2 6.2



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

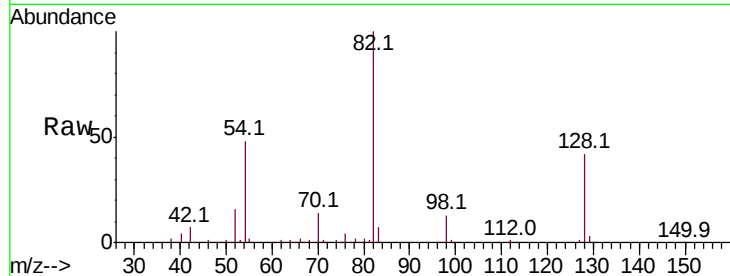




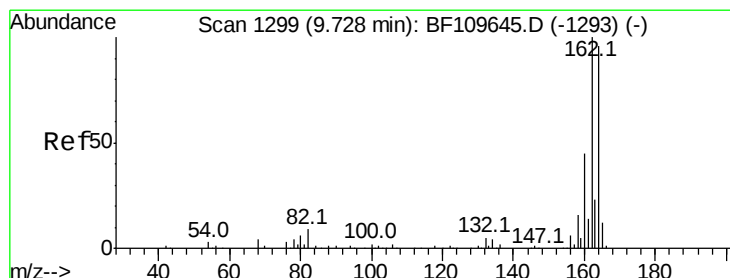
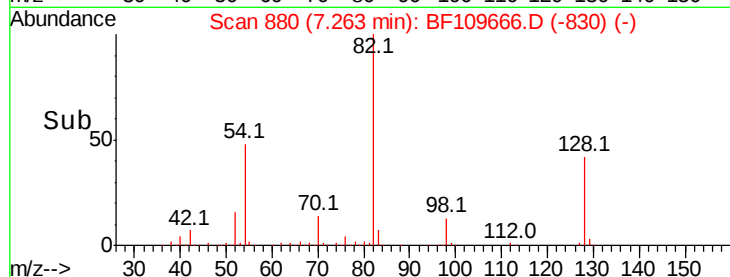
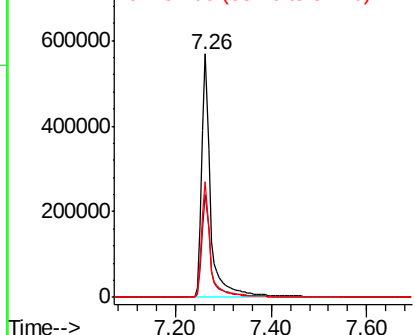
#23
 Nitrobenzene-d5
 Concen: 97.290 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109666.D
 Acq: 8 Oct 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 HP-SUB

Tot Ion	82	Resp	742508
Ion Ratio	Lower	Upper	
82	100		
128	42.0	34.2	51.2
54	47.7	38.6	58.0

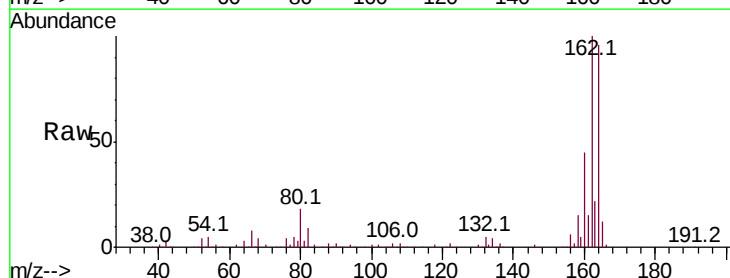


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

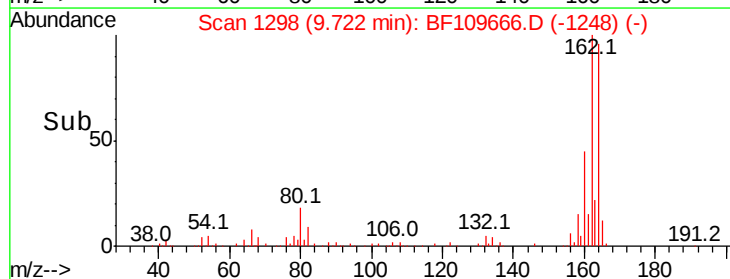
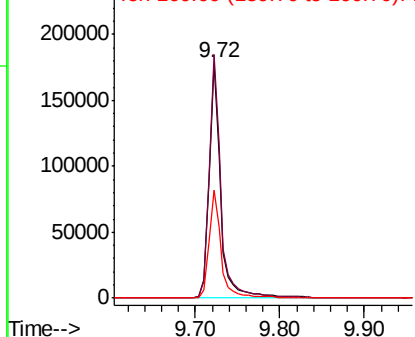


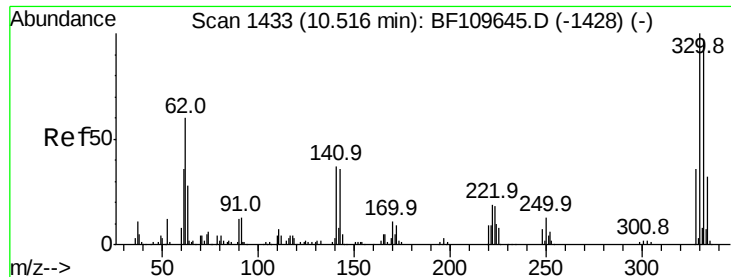
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109666.D
 Acq: 8 Oct 2018 23:49

Tgt Ion	164	Resp	172189
Ion Ratio	Lower	Upper	
164	100		
162	103.7	83.0	124.6
160	46.2	37.0	55.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

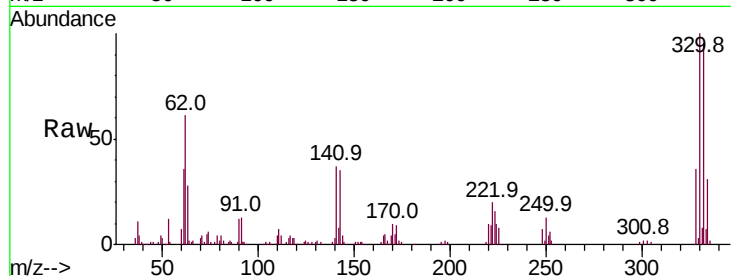




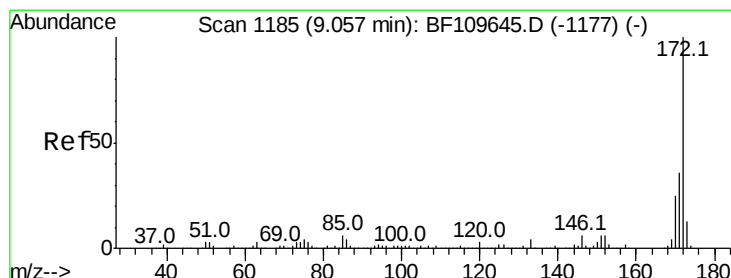
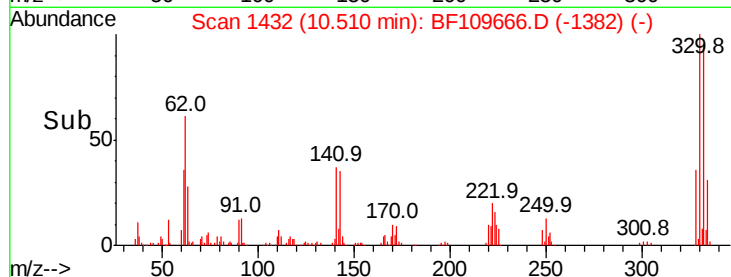
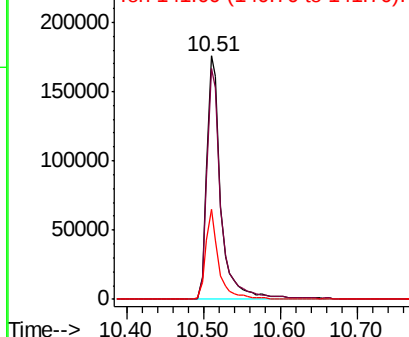
#41
 2,4,6-Tribromophenol
 Concen: 119.821 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109666.D
 Acq: 8 Oct 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 HP-SUB

Tot Ion:330 Resp: 224807
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 34.0 27.0 40.4

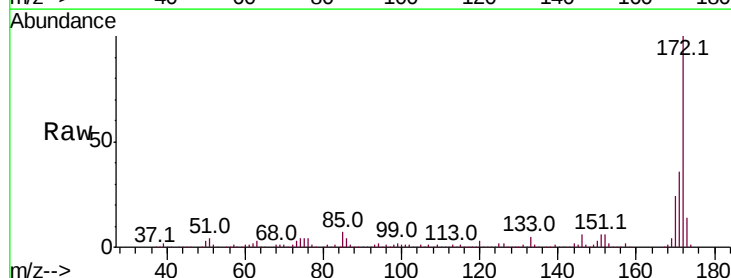


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

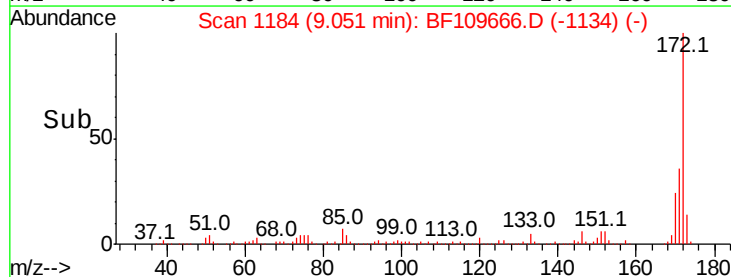
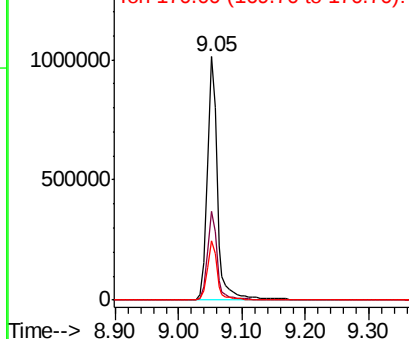


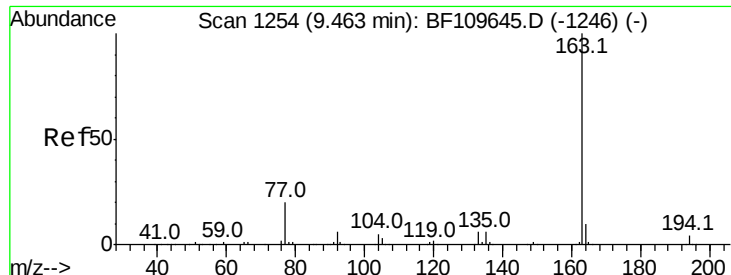
#44
 2-Fluorobiphenyl
 Concen: 90.665 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109666.D
 Acq: 8 Oct 2018 23:49

Tgt Ion:172 Resp: 1133521
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.3 19.7 29.5



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

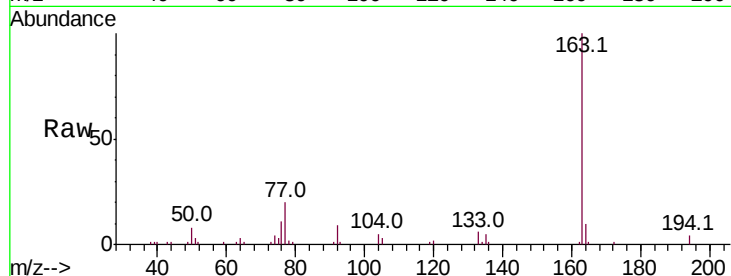




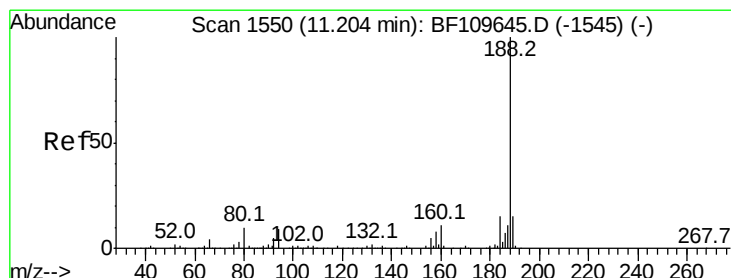
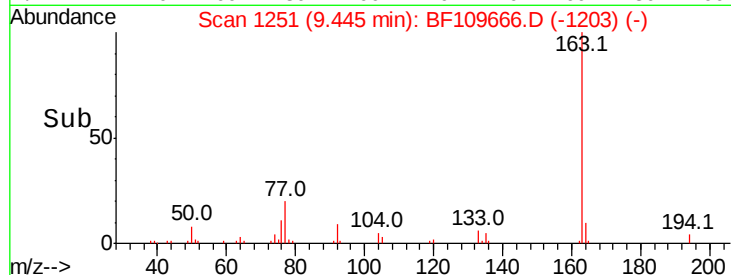
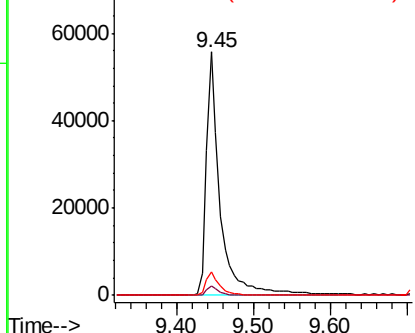
#49
Dimethylphthalate
Concen: 5.521 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109666.D
Acq: 8 Oct 2018 23:49

Instrument :
BNA_F
ClientSampleId :
HP-SUB

Tot Ion:163 Resp: 69722
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.8 8.1 12.1

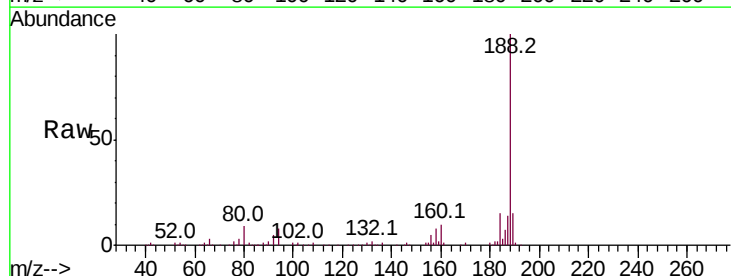


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

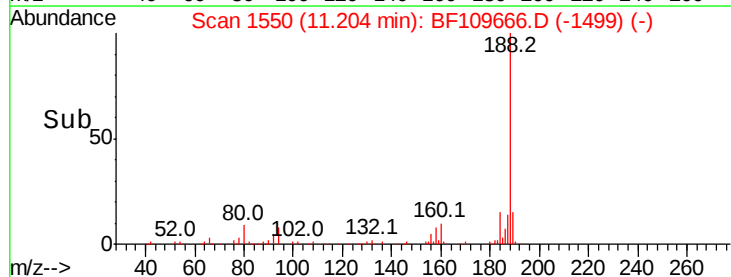
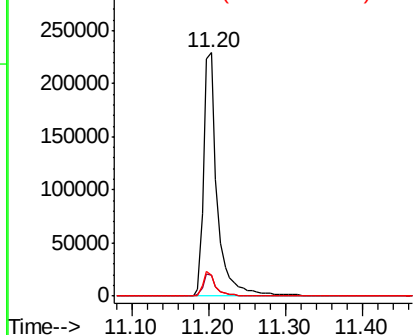


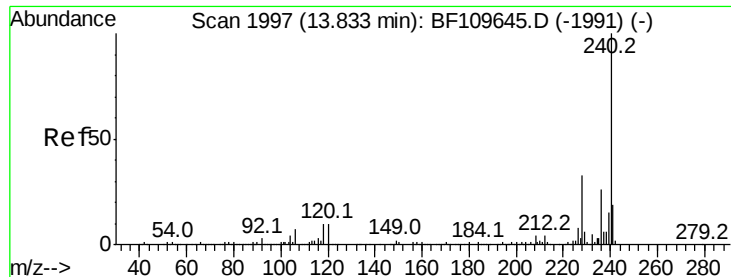
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109666.D
Acq: 8 Oct 2018 23:49

Tgt Ion:188 Resp: 284688
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 8.8 7.9 11.9



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: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109666.D

Acq: 8 Oct 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HP-SUB

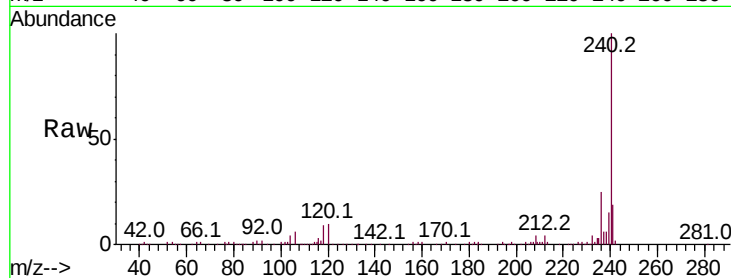
Tot Ion:240 Resp: 229411

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

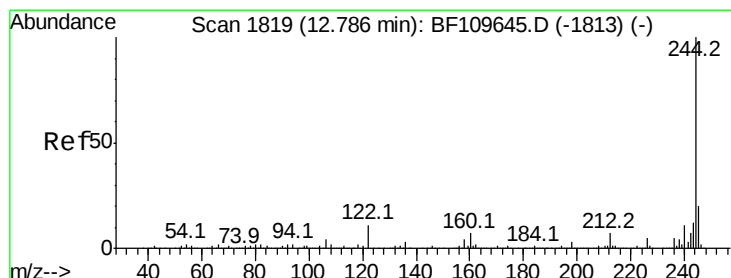
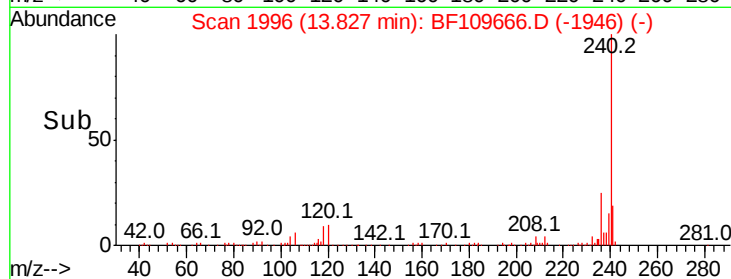
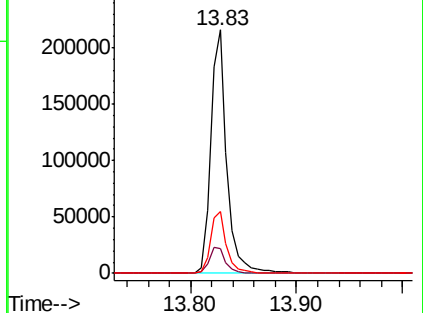
236 25.2 21.2 31.8



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: 67.462 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109666.D

Acq: 8 Oct 2018 23:49

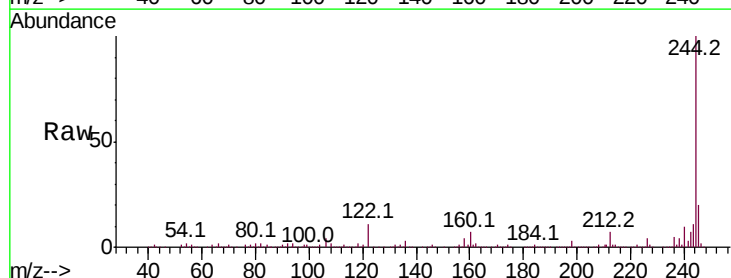
Tgt Ion:244 Resp: 799472

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

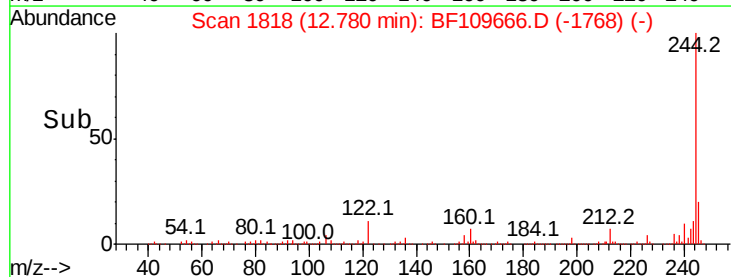
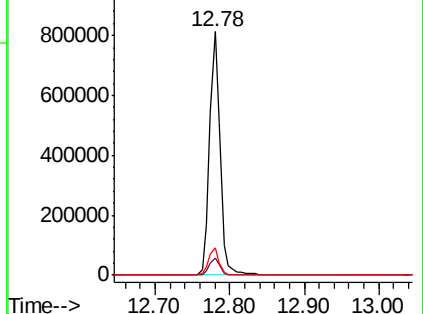
122 11.0 8.7 13.1

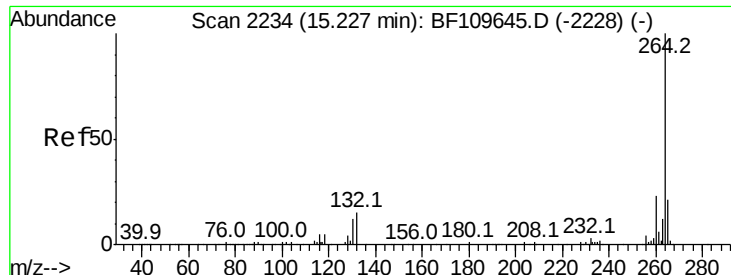


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

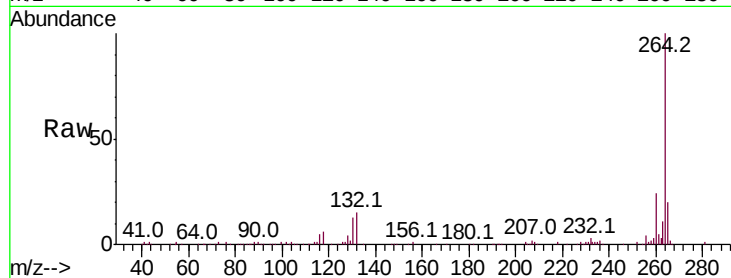




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109666.D
 Acq: 8 Oct 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 HP-SUB

Tot Ion:264 Resp: 201940
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 20.4 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

