

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109868.D
 Acq On : 13 Oct 2018 7:20
 Operator : JU/SJ
 Sample : J5444-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101018-TIPC-F-D-B

Quant Time: Oct 15 01:39:48 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

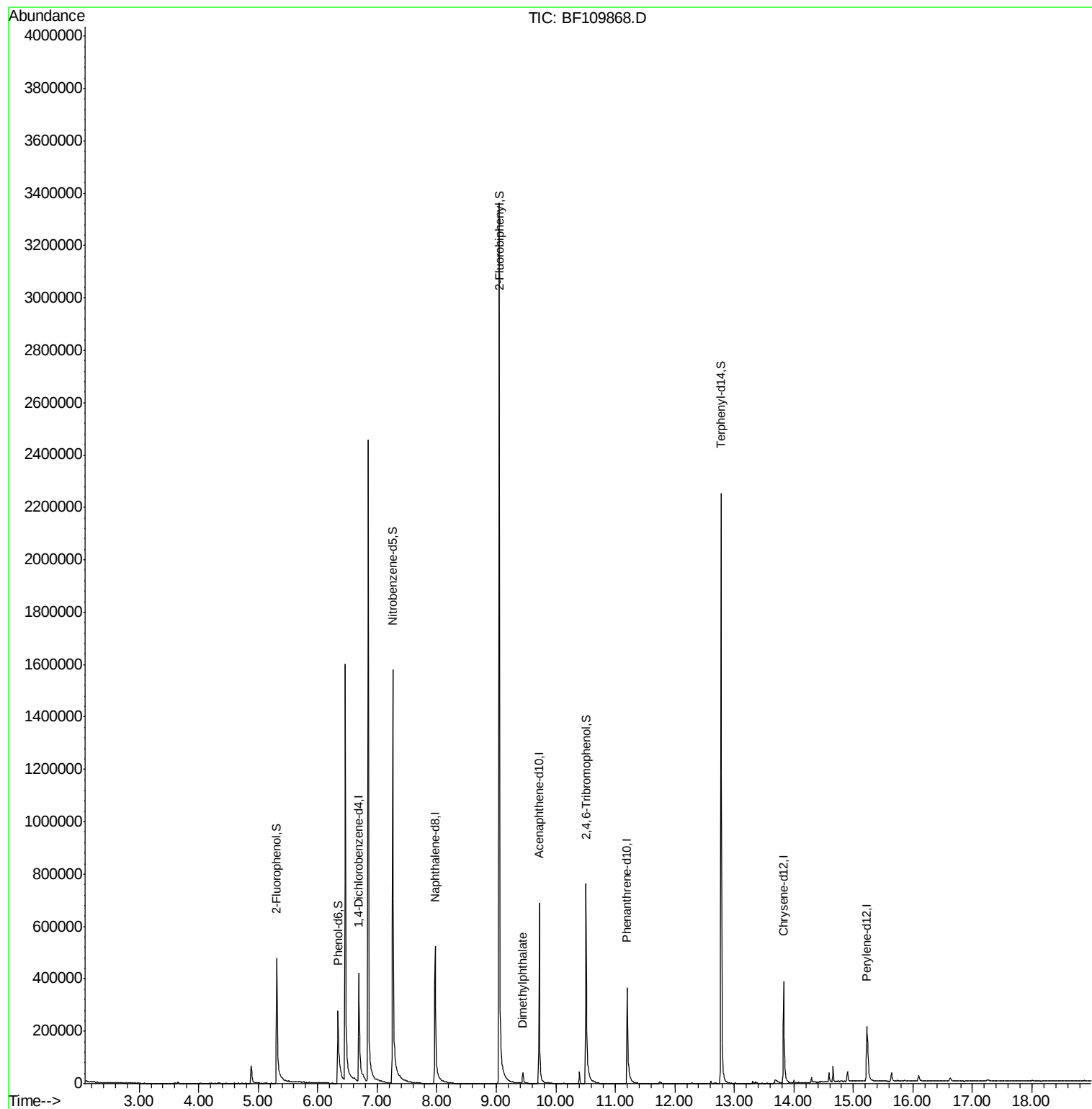
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	97671	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	369514	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	158942	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	233811	20.00	ng	0.00
75) Chrysene-d12	13.83	240	200936	20.00	ng	0.00
86) Perylene-d12	15.23	264	153355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	232494	42.25	ng	-0.01
7) Phenol-d6	6.34	99	209524	28.50	ng	-0.02
23) Nitrobenzene-d5	7.26	82	765832	114.25	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	144361	83.36	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1305550	113.13	ng	0.00
78) Terphenyl-d14	12.78	244	846714	81.57	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	29461	2.527	ng	99

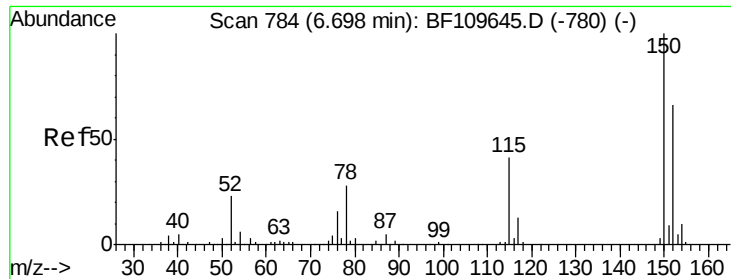
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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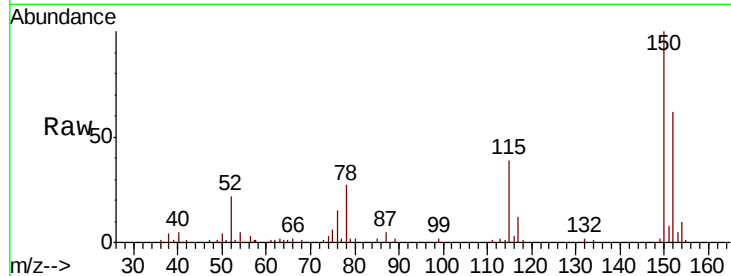


#1

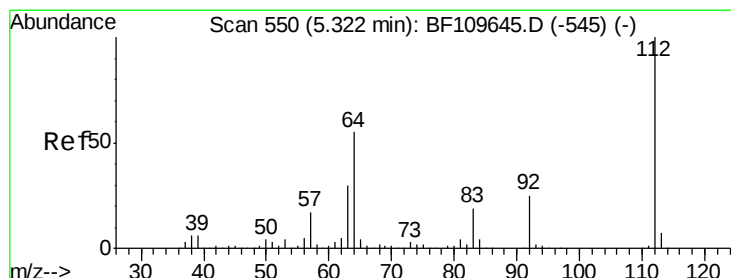
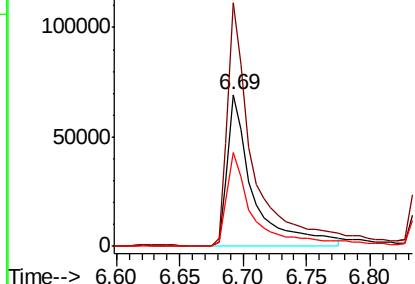
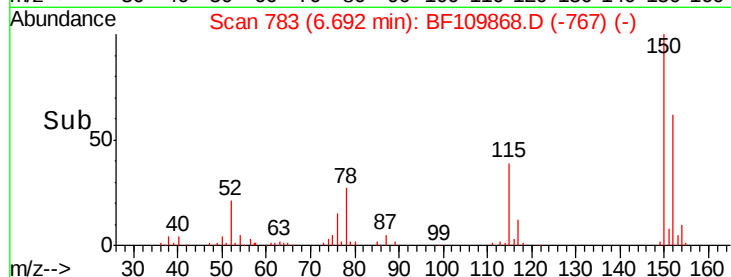
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Instrument :
BNA_F
ClientSampleId :
101018-TIPC-F-D-B

Tot Ion:152 Resp: 97671
Ion Ratio Lower Upper
152 100
150 160.2 122.7 184.1
115 62.1 49.1 73.7



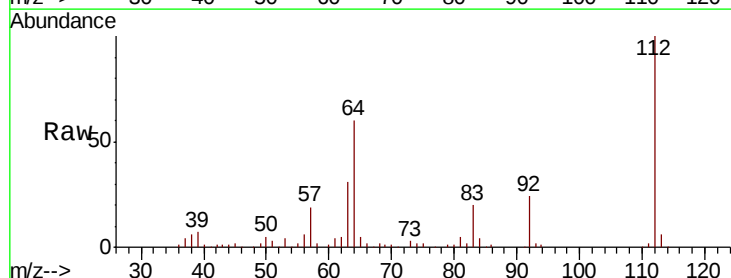
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



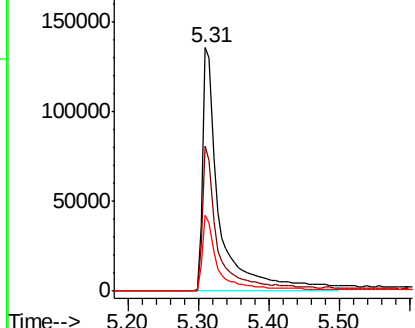
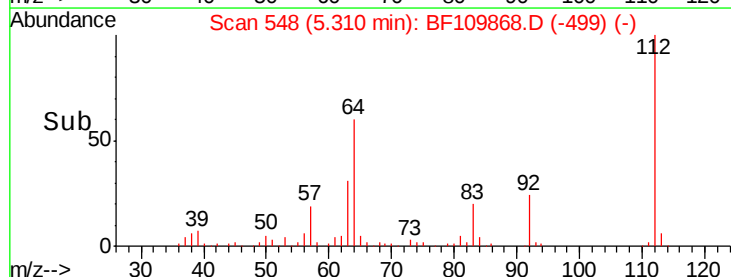
#5

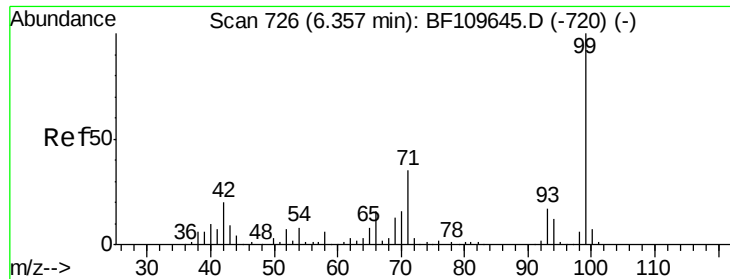
2-Fluorophenol
Concen: 42.252 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Tgt Ion:112 Resp: 232494
Ion Ratio Lower Upper
112 100
64 59.5 44.1 66.1
63 31.0 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: 28.504 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109868.D

Acq: 13 Oct 2018 7:20

Instrument :

BNA_F

ClientSampleId :

101018-TIPC-F-D-B

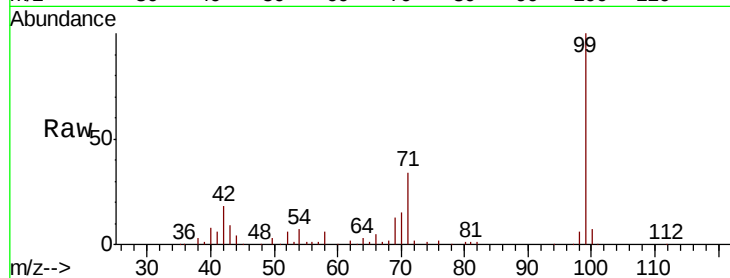
Tot Ion: 99 Resp: 209524

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

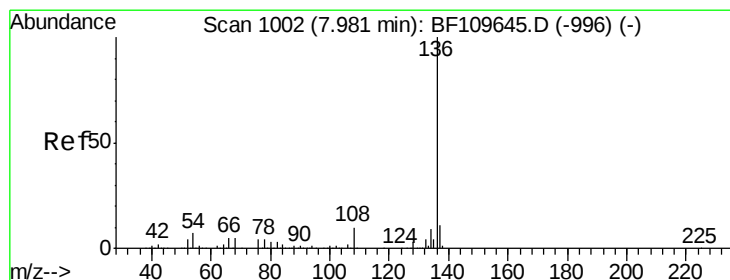
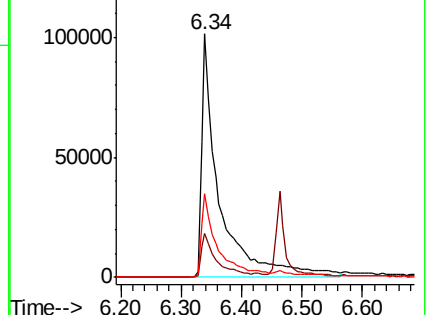
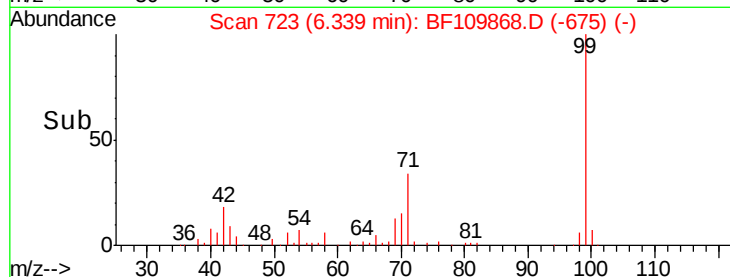
71 34.4 28.0 42.0



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: BF109868.D

Acq: 13 Oct 2018 7:20

Tgt Ion: 136 Resp: 369514

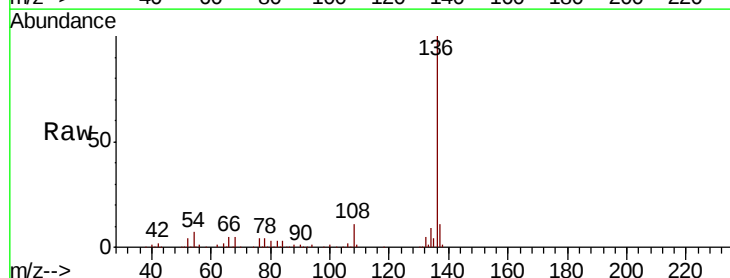
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 5.4 8.2

68 4.7 4.2 6.2

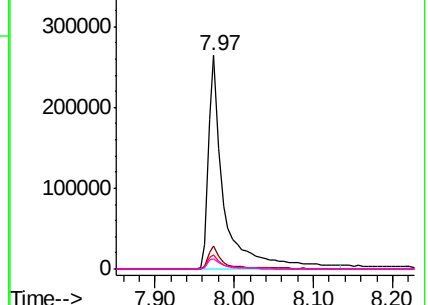
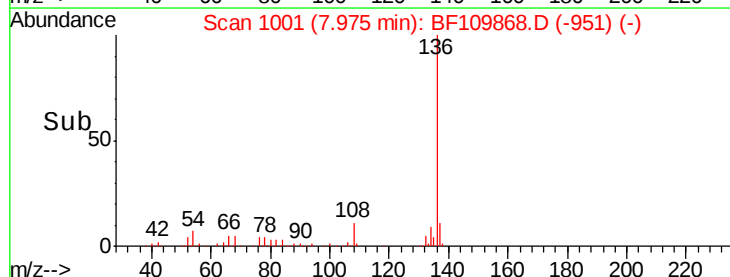


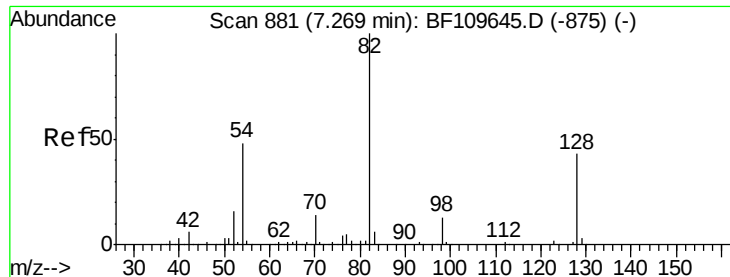
Abundance Ion 136.00 (135.70 to 136.70): E

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

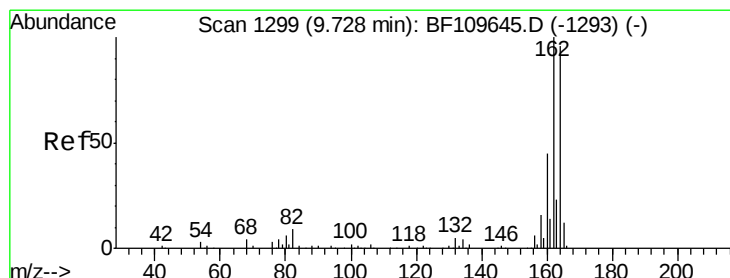
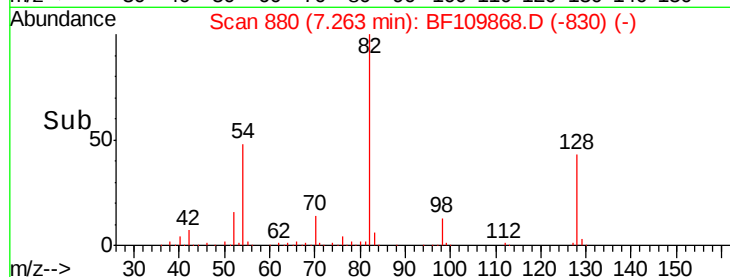
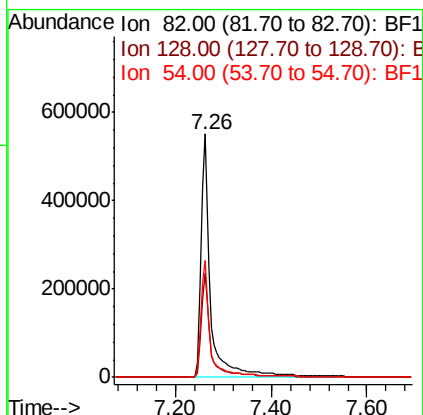
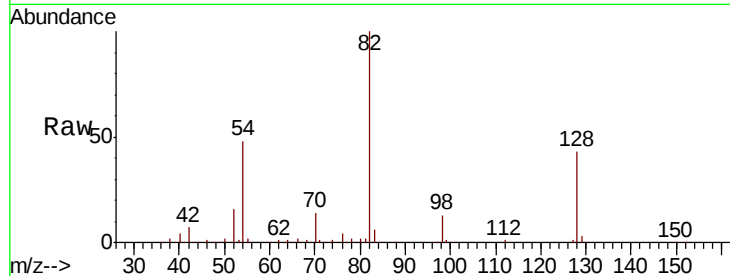




#23
 Nitrobenzene-d5
 Concen: 114.245 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109868.D
 Acq: 13 Oct 2018 7:20

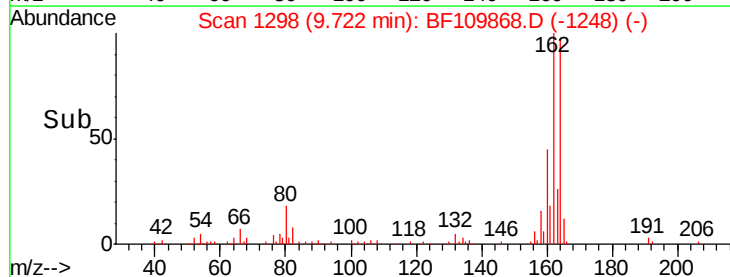
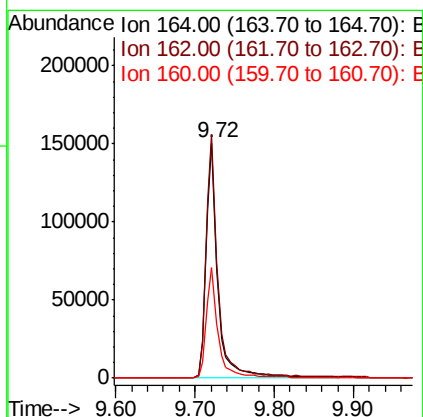
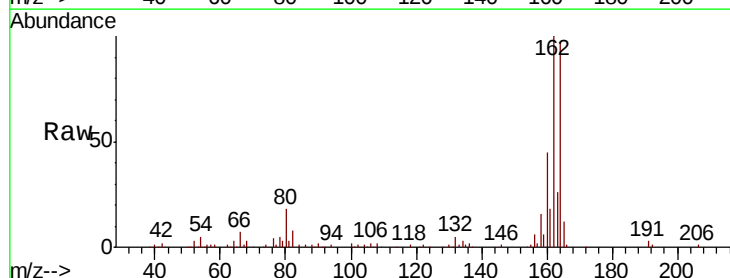
Instrument :
 BNA_F
 ClientSampleId :
 101018-TIPC-F-D-B

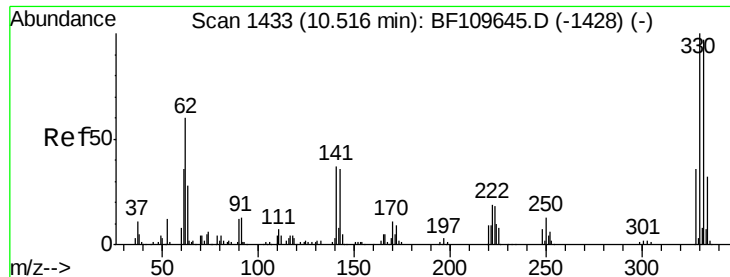
Tot Ion: 82 Resp: 765832
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.2 51.2
 54 48.2 38.6 58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109868.D
 Acq: 13 Oct 2018 7:20

Tgt Ion:164 Resp: 158942
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.0 124.6
 160 46.9 37.0 55.6

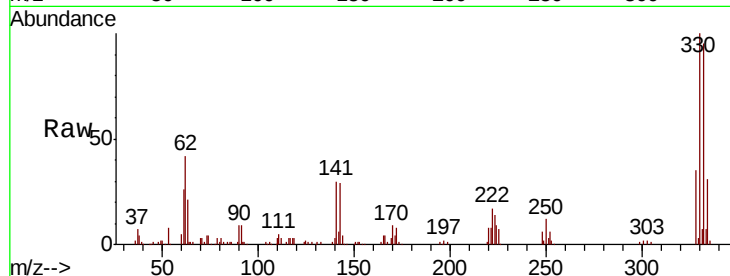




#41
 2,4,6-Tribromophenol
 Concen: 83.357 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109868.D
 Acq: 13 Oct 2018 7:20

Instrument :
 BNA_F
 ClientSampleId :
 101018-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.1	115.7
141	34.5	27.0	40.4

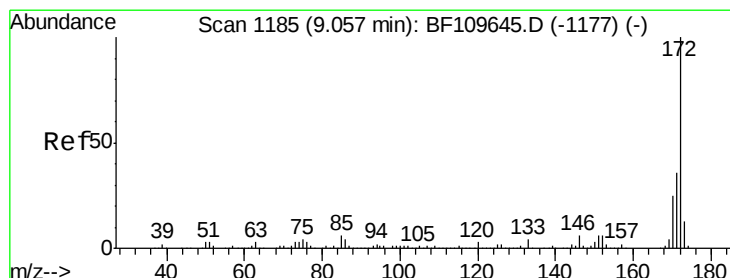
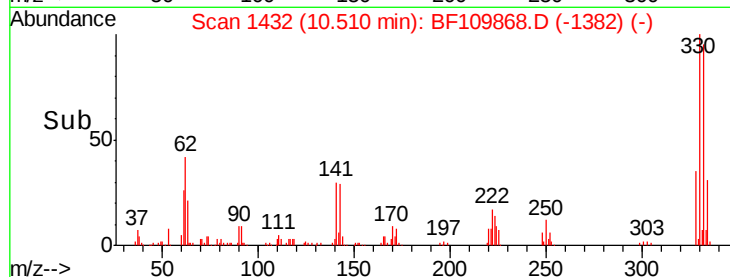
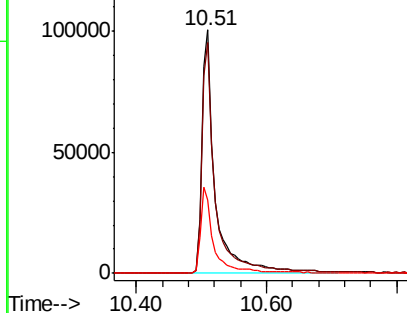


Abundance

Ion 329.80 (329.50 to 330.50): E

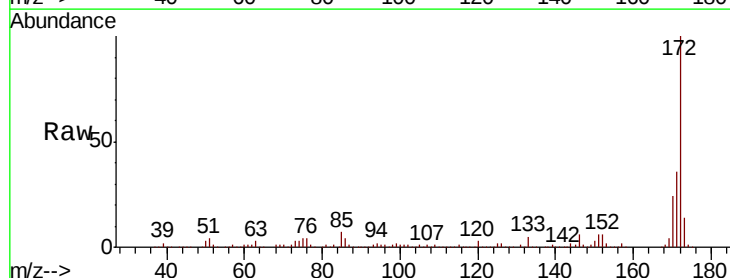
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 113.128 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109868.D
 Acq: 13 Oct 2018 7:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.2	19.7	29.5

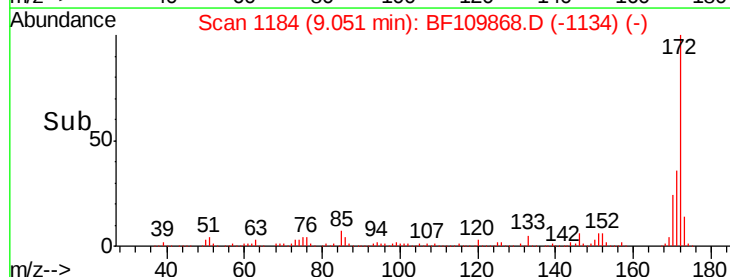
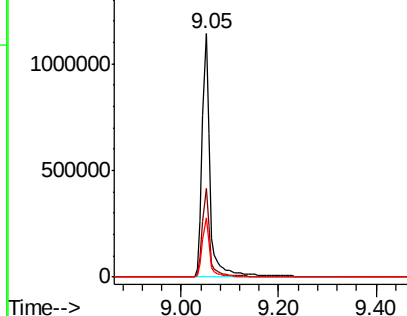


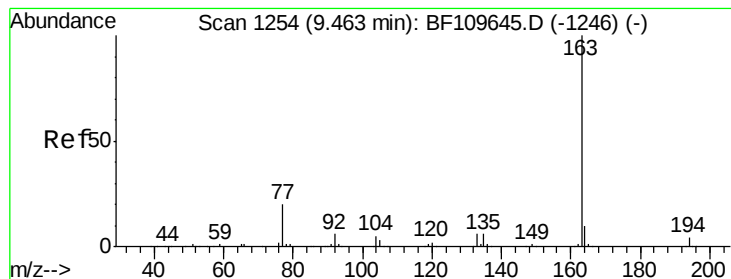
Abundance

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: 2.527 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109868.D

Acq: 13 Oct 2018 7:20

Instrument :

BNA_F

ClientSampleId :

101018-TIPC-F-D-B

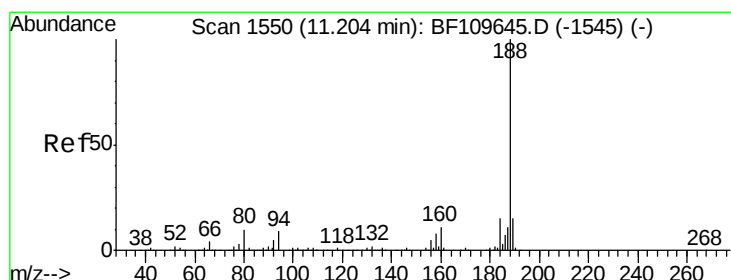
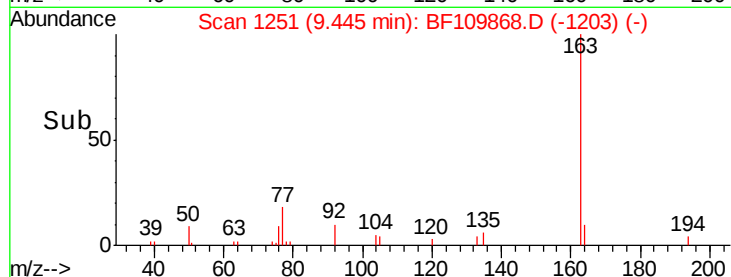
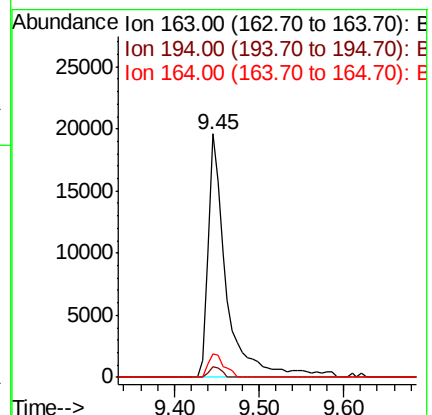
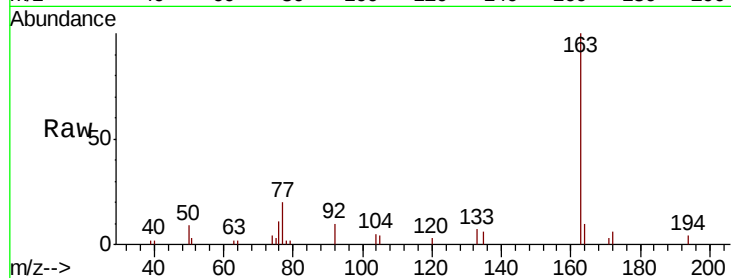
Tot Ion:163 Resp: 29461

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 9.6 8.1 12.1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109868.D

Acq: 13 Oct 2018 7:20

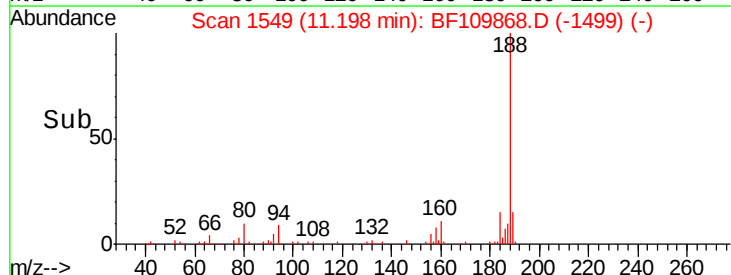
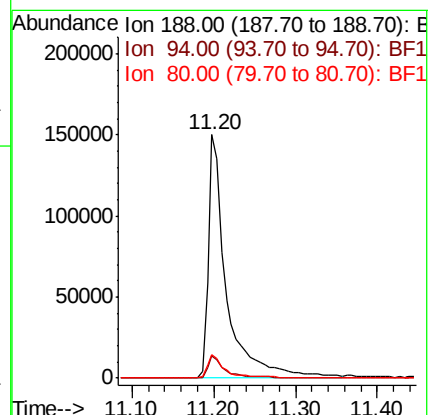
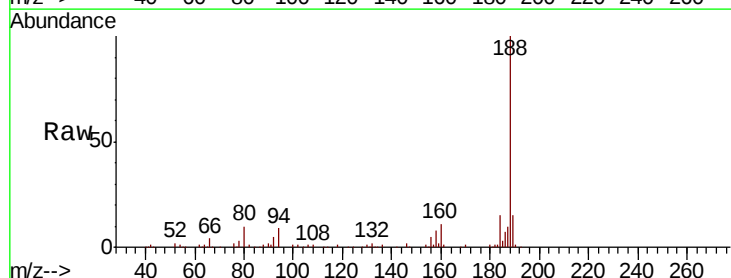
Tgt Ion:188 Resp: 233811

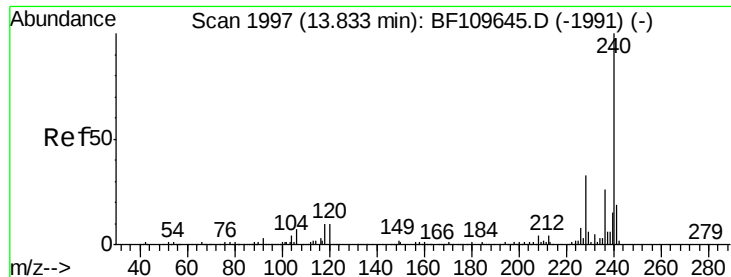
Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 9.8 7.9 11.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109868.D

Acq: 13 Oct 2018 7:20

Instrument :

BNA_F

ClientSampleId :

101018-TIPC-F-D-B

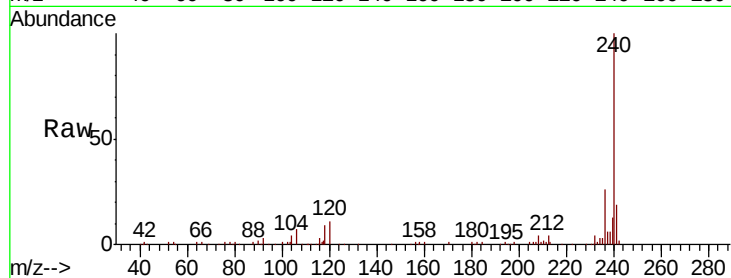
Tot Ion:240 Resp: 200936

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

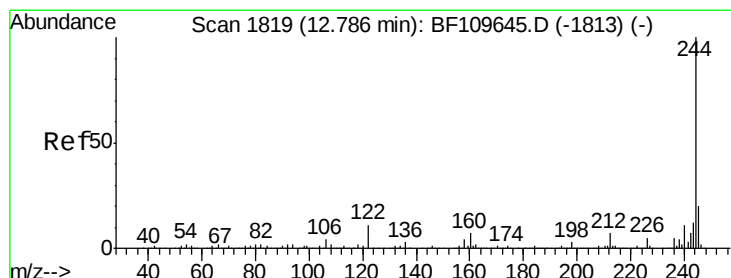
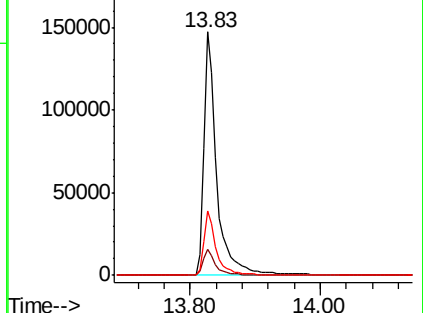
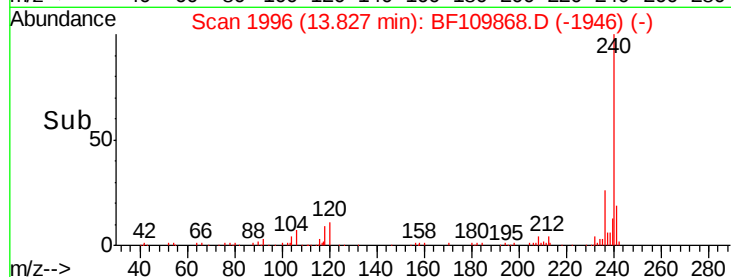
236 26.3 21.2 31.8



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: 81.573 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109868.D

Acq: 13 Oct 2018 7:20

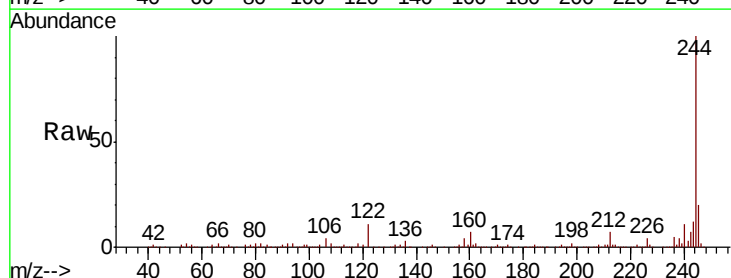
Tgt Ion:244 Resp: 846714

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

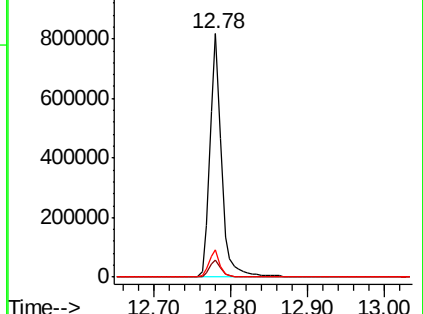
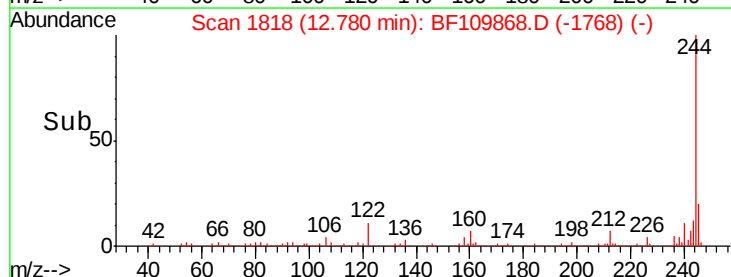
122 11.1 8.7 13.1

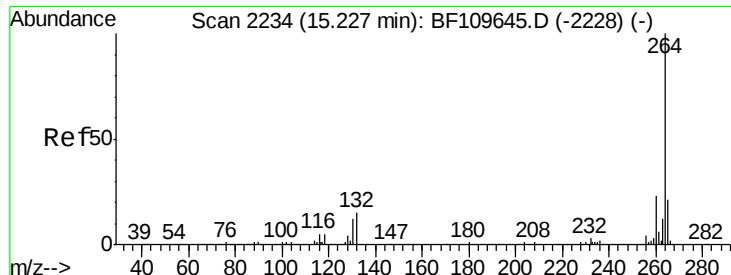


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109868.D
 Acq: 13 Oct 2018 7:20

Instrument :
 BNA_F
 ClientSampleId :
 101018-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.7	16.7	25.1

