

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109928.D
 Acq On : 17 Oct 2018 19:00
 Operator : JU/SJ
 Sample : PB113915BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BL

Quant Time: Oct 18 10:57:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	272451	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1121178	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	546893	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	1068547	20.00	ng	0.00
76) Chrysene-d12	14.15	240	751818	20.00	ng	-0.01
87) Perylene-d12	15.69	264	556348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	857209	49.87	ng	0.00
7) Phenol-d6	6.59	99	1063814	49.84	ng	-0.02
23) Nitrobenzene-d5	7.53	82	941099	56.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	212986	44.98	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1846043	53.86	ng	0.00
79) Terphenyl-d14	13.09	244	1808019	50.50	ng	-0.01

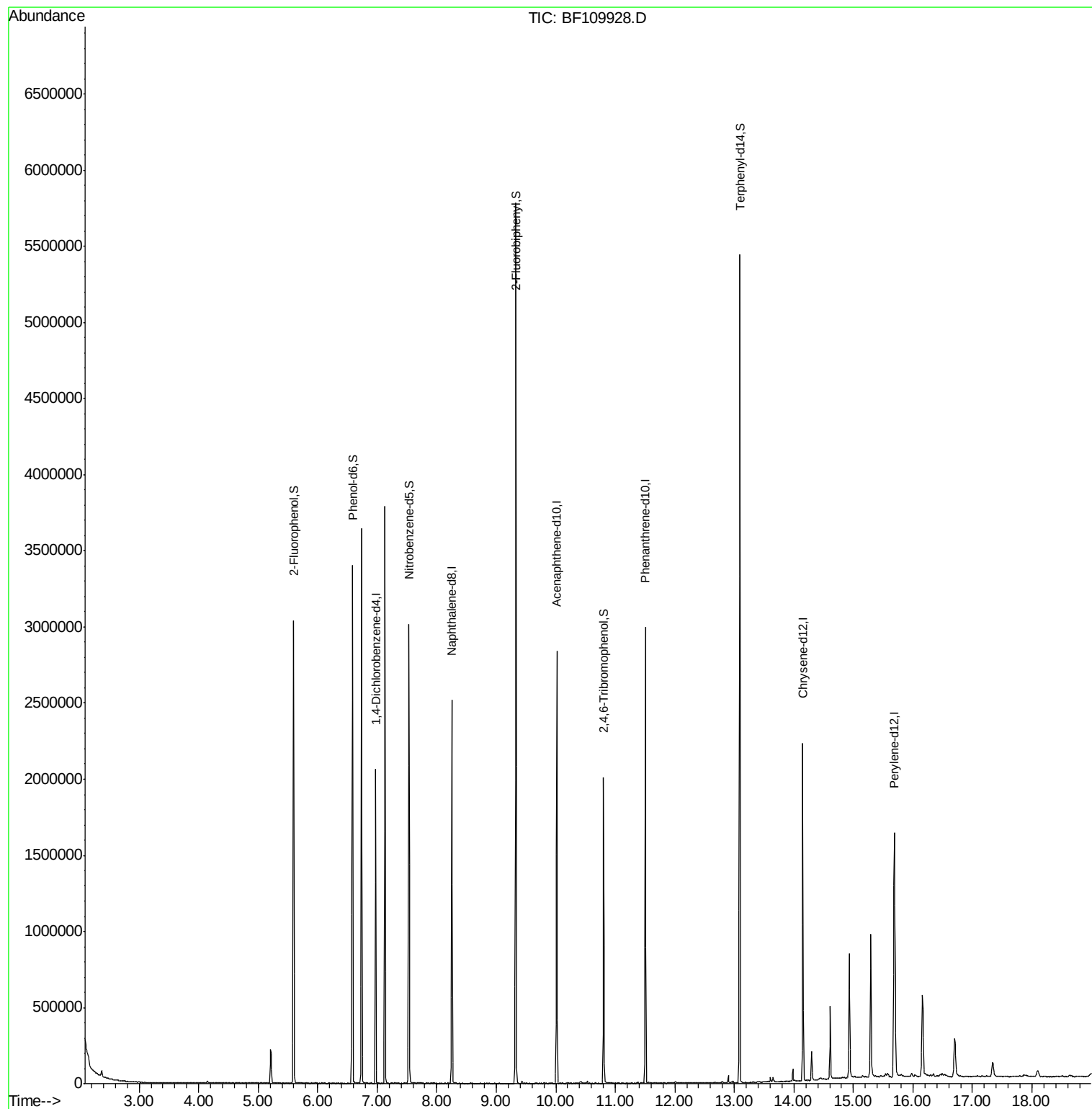
Target Compounds Qvalue

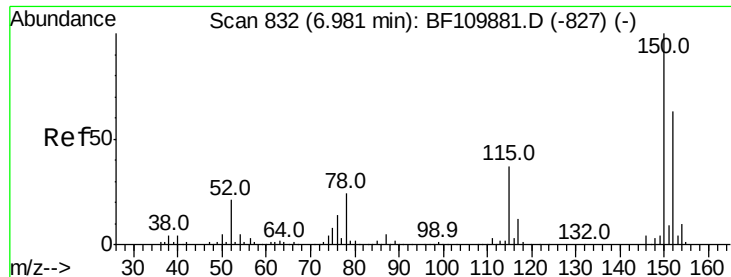
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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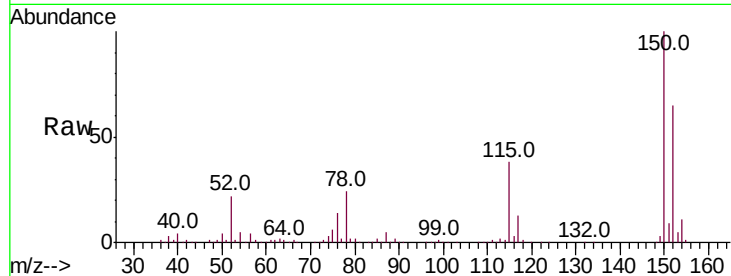


#1

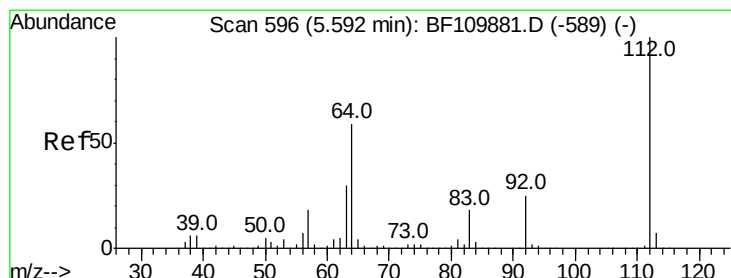
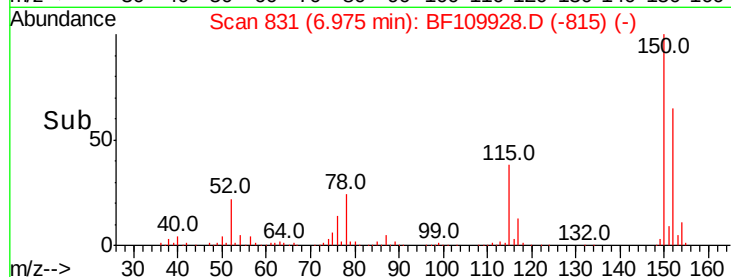
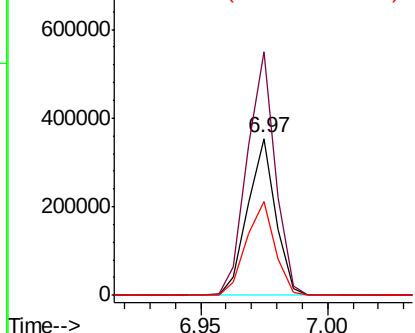
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109928.D
Acq: 17 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB113915BL

Tot Ion:152 Resp: 272451
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 59.6 49.1 73.7



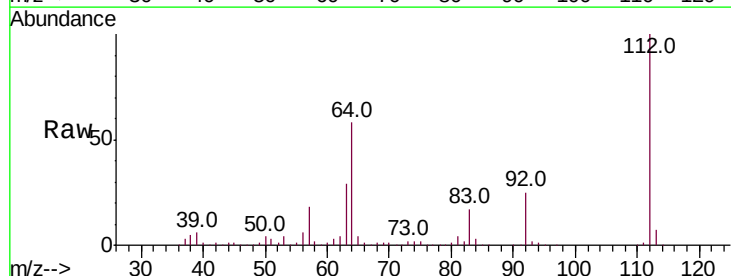
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



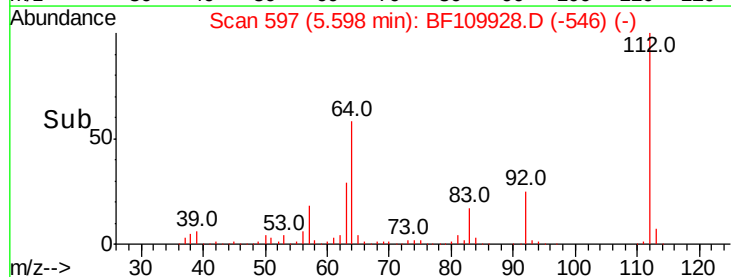
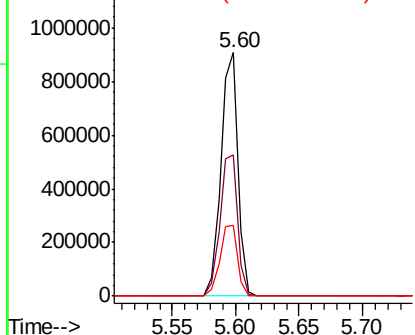
#5

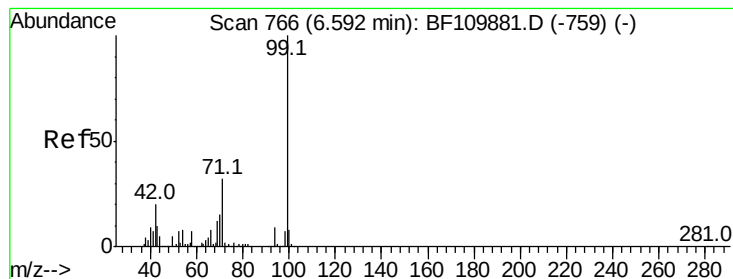
2-Fluorophenol
Concen: 49.873 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109928.D
Acq: 17 Oct 2018 19:00

Tgt Ion:112 Resp: 857209
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 29.3 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: 49.844 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109928.D

Acq: 17 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

PB113915BL

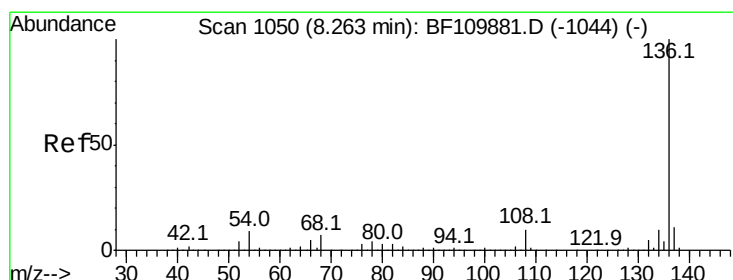
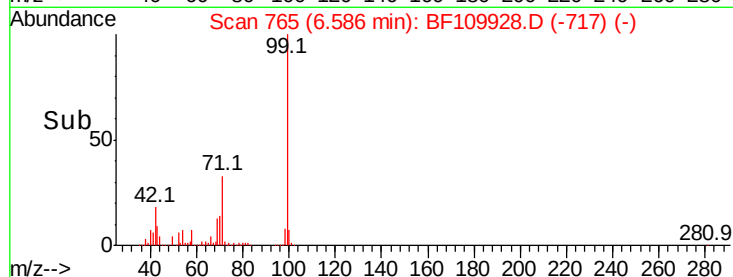
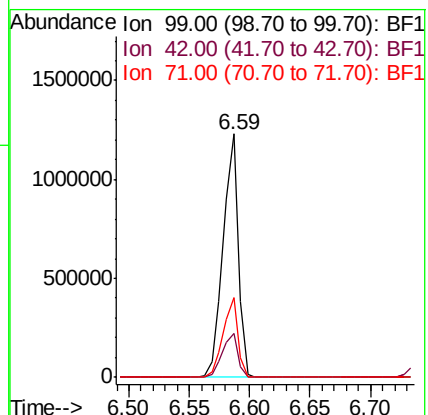
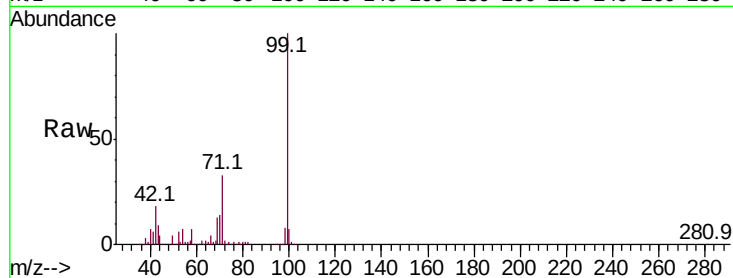
Tot Ion: 99 Resp: 1063814

Ion Ratio Lower Upper

99 100

42 18.0 15.8 23.6

71 32.6 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109928.D

Acq: 17 Oct 2018 19:00

Tgt Ion: 136 Resp: 1121178

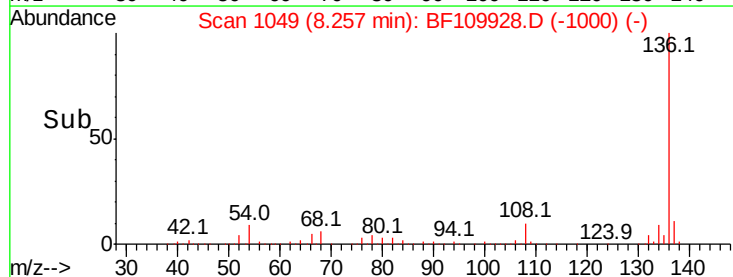
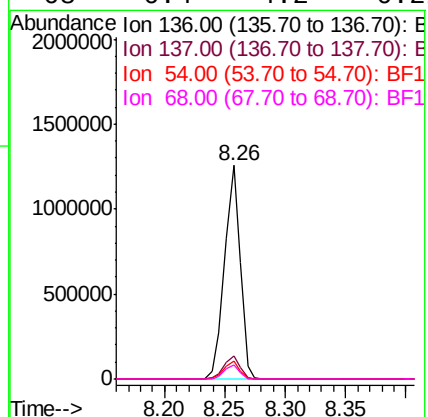
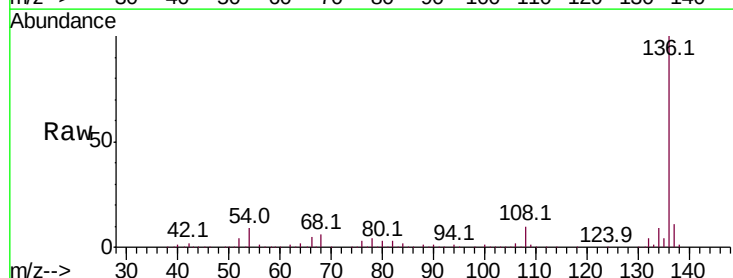
Ion Ratio Lower Upper

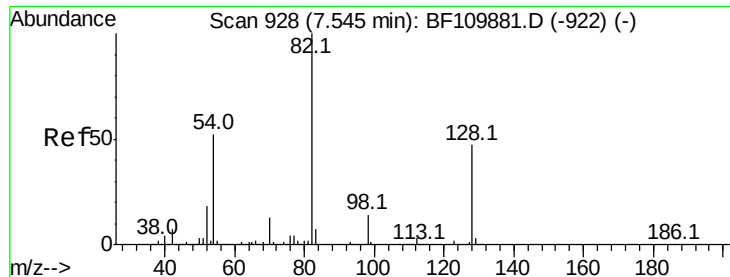
136 100

137 10.8 8.8 13.2

54 8.7 5.4 8.2#

68 6.4 4.2 6.2#

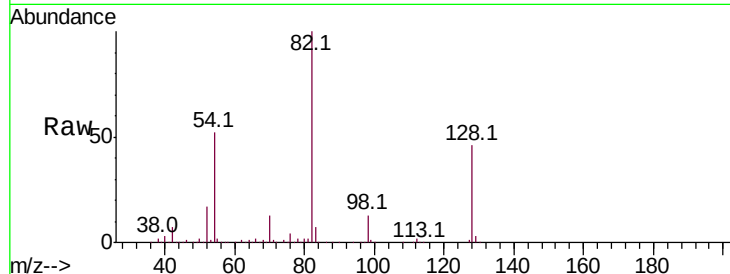




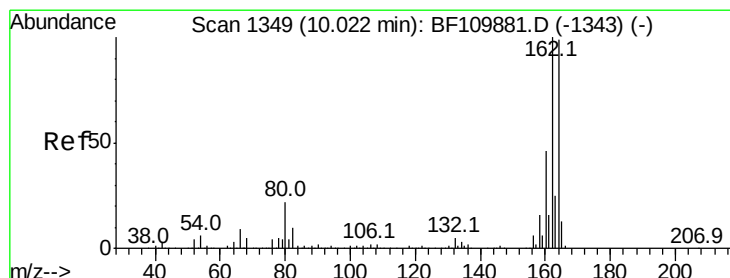
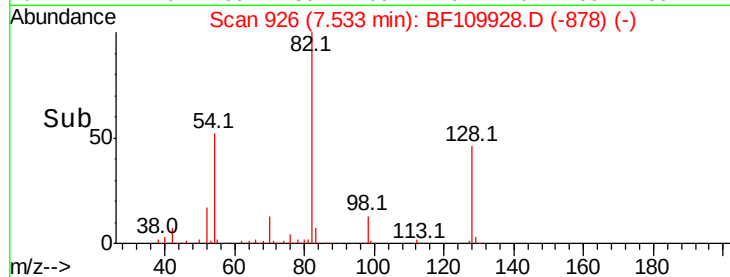
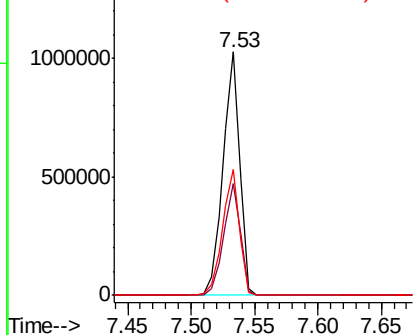
#23
Nitrobenzene-d5
Concen: 56.544 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF109928.D
Acq: 17 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB113915BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.2	51.2
54	51.8	38.6	58.0

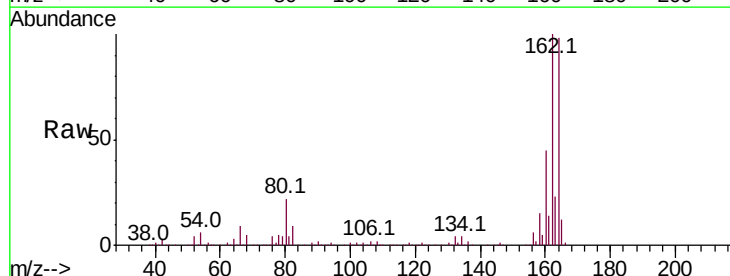


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

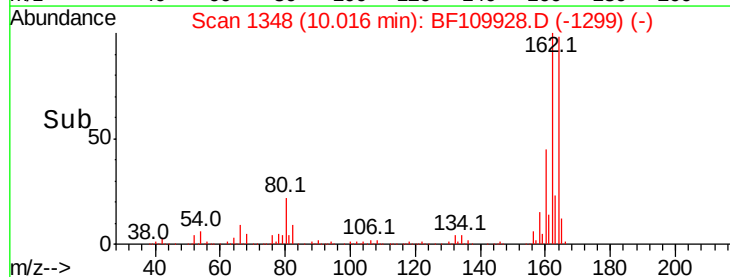
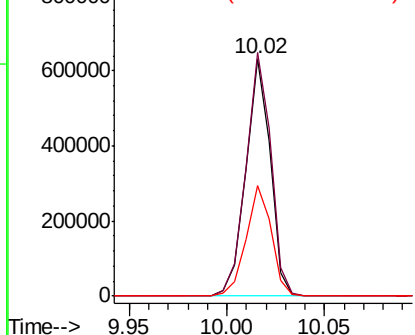


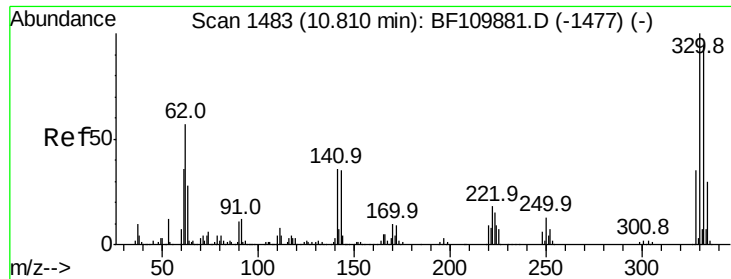
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109928.D
Acq: 17 Oct 2018 19:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.6
160	46.6	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

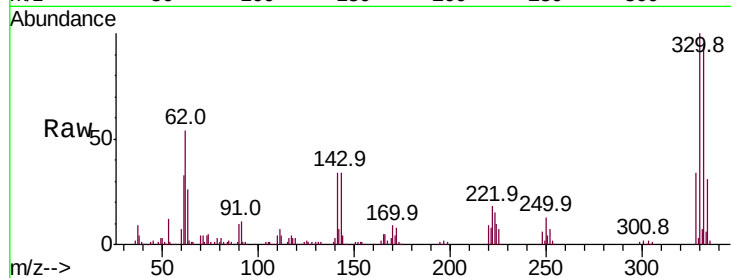




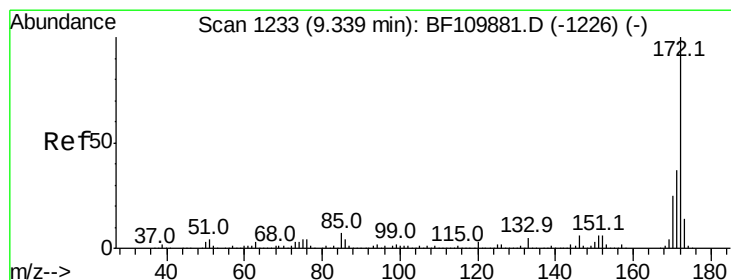
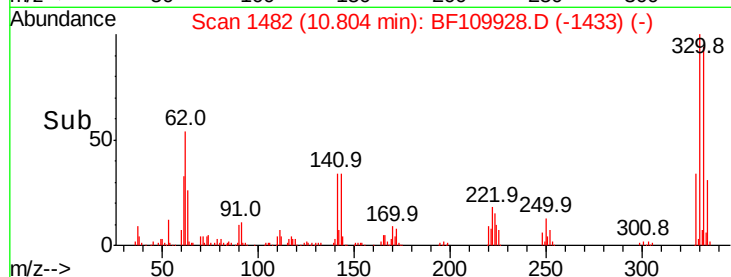
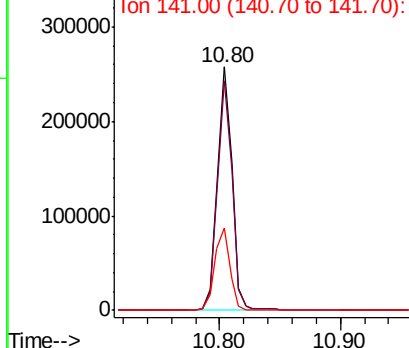
#42
 2,4,6-Tribromophenol
 Concen: 44.983 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109928.D
 Acq: 17 Oct 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BL

Tot Ion:330 Resp: 212986
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.1 115.7
 141 35.3 27.0 40.4

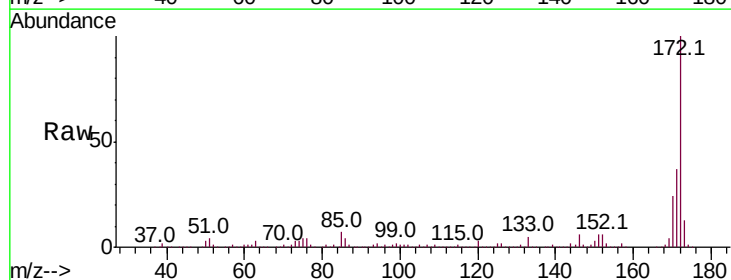


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

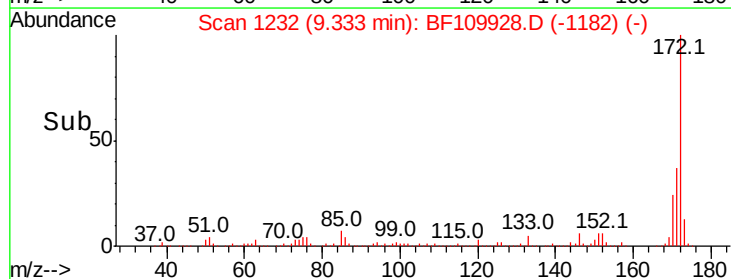
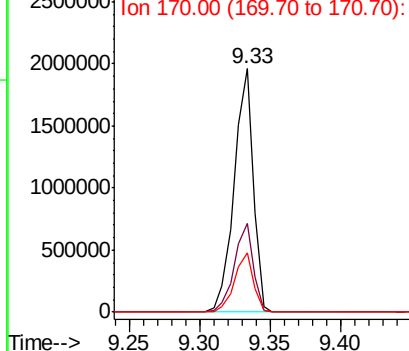


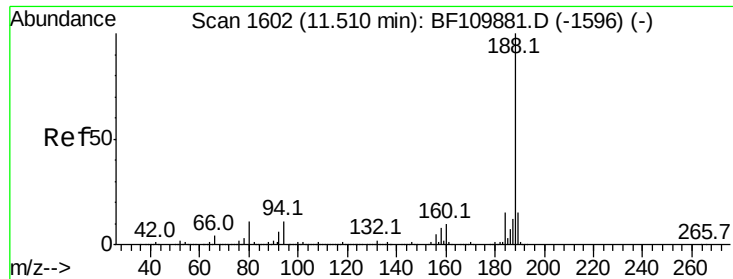
#45
 2-Fluorobiphenyl
 Concen: 53.862 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109928.D
 Acq: 17 Oct 2018 19:00

Tgt Ion:172 Resp: 1846043
 Ion Ratio Lower Upper
 172 100
 171 36.6 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109928.D

Acq: 17 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

PB113915BL

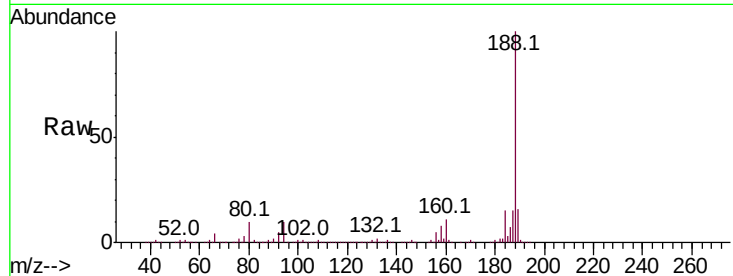
Tot Ion:188 Resp: 1068547

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

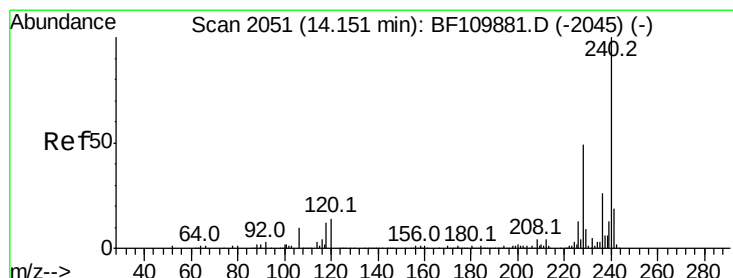
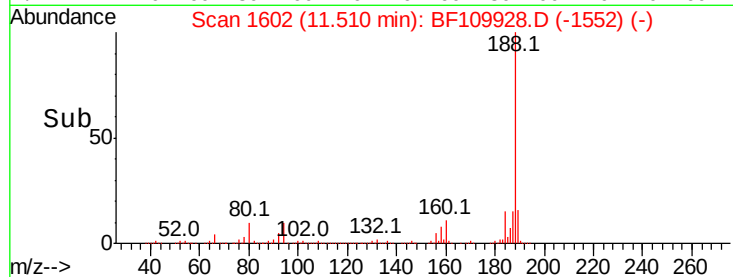
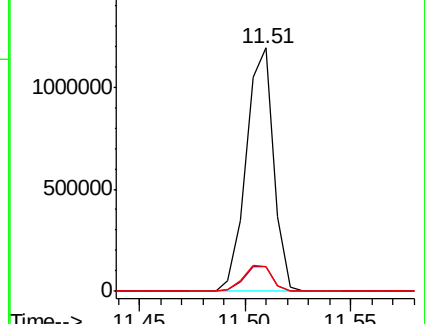
80 10.1 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF109928.D

Acq: 17 Oct 2018 19:00

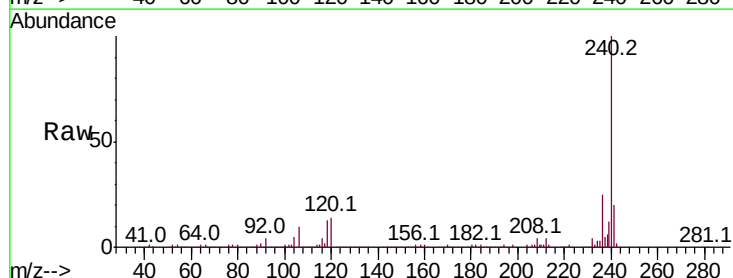
Tgt Ion:240 Resp: 751818

Ion Ratio Lower Upper

240 100

120 14.5 8.3 12.5#

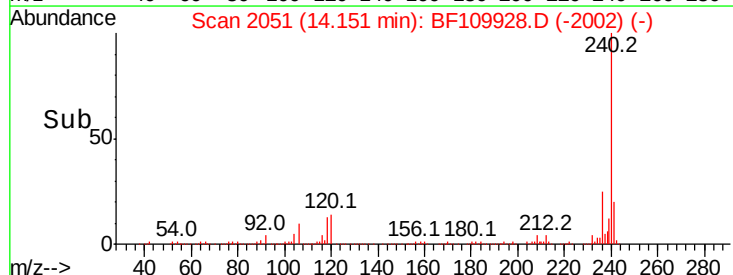
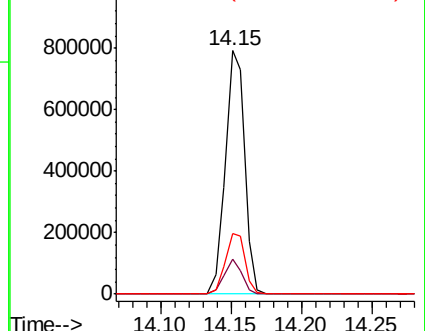
236 25.1 21.2 31.8

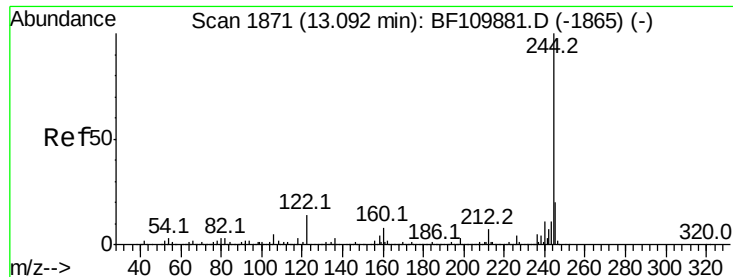


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

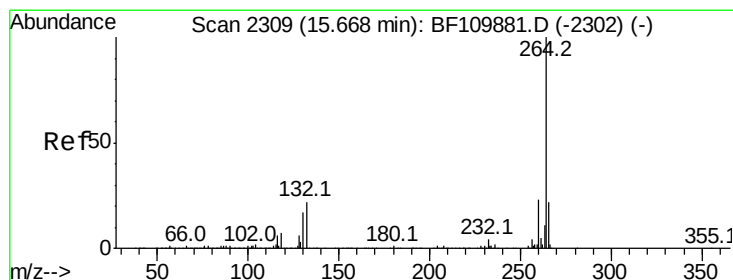
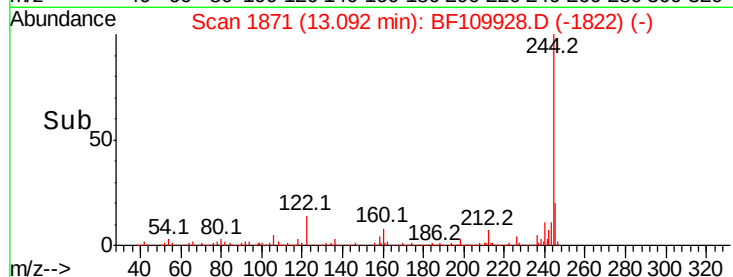
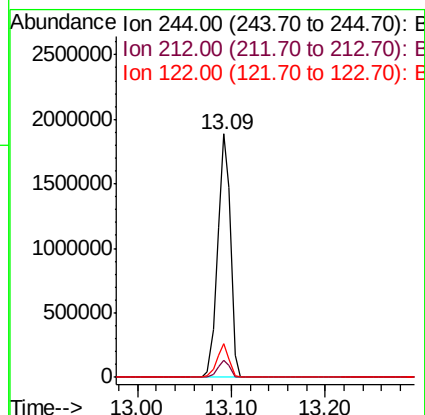
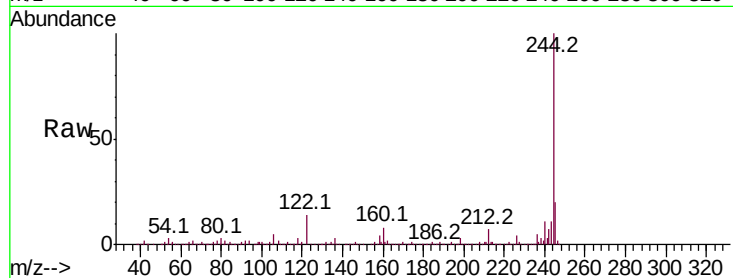




#79
 Terphenyl-d14
 Concen: 50.500 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109928.D
 Acq: 17 Oct 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB113915BL

Tot Ion:244 Resp: 1808019
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.9 8.7 13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF109928.D
 Acq: 17 Oct 2018 19:00

Tgt Ion:264 Resp: 556348
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.3 16.7 25.1

