

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110685.D
 Acq On : 12 Nov 2018 20:10
 Operator : JU/SJ
 Sample : J5887-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Quant Time: Nov 13 05:58:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84335	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	359963	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	177593	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	340633	20.00	ng	0.00
76) Chrysene-d12	14.13	240	219503	20.00	ng	-0.01
87) Perylene-d12	15.65	264	158940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	524213	100.96	ng	0.01
7) Phenol-d6	6.57	99	583133	87.83	ng	0.00
23) Nitrobenzene-d5	7.51	82	474125	75.85	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	192178	107.39	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	907551	72.98	ng	0.00
79) Terphenyl-d14	13.06	244	908330	77.50	ng	0.00

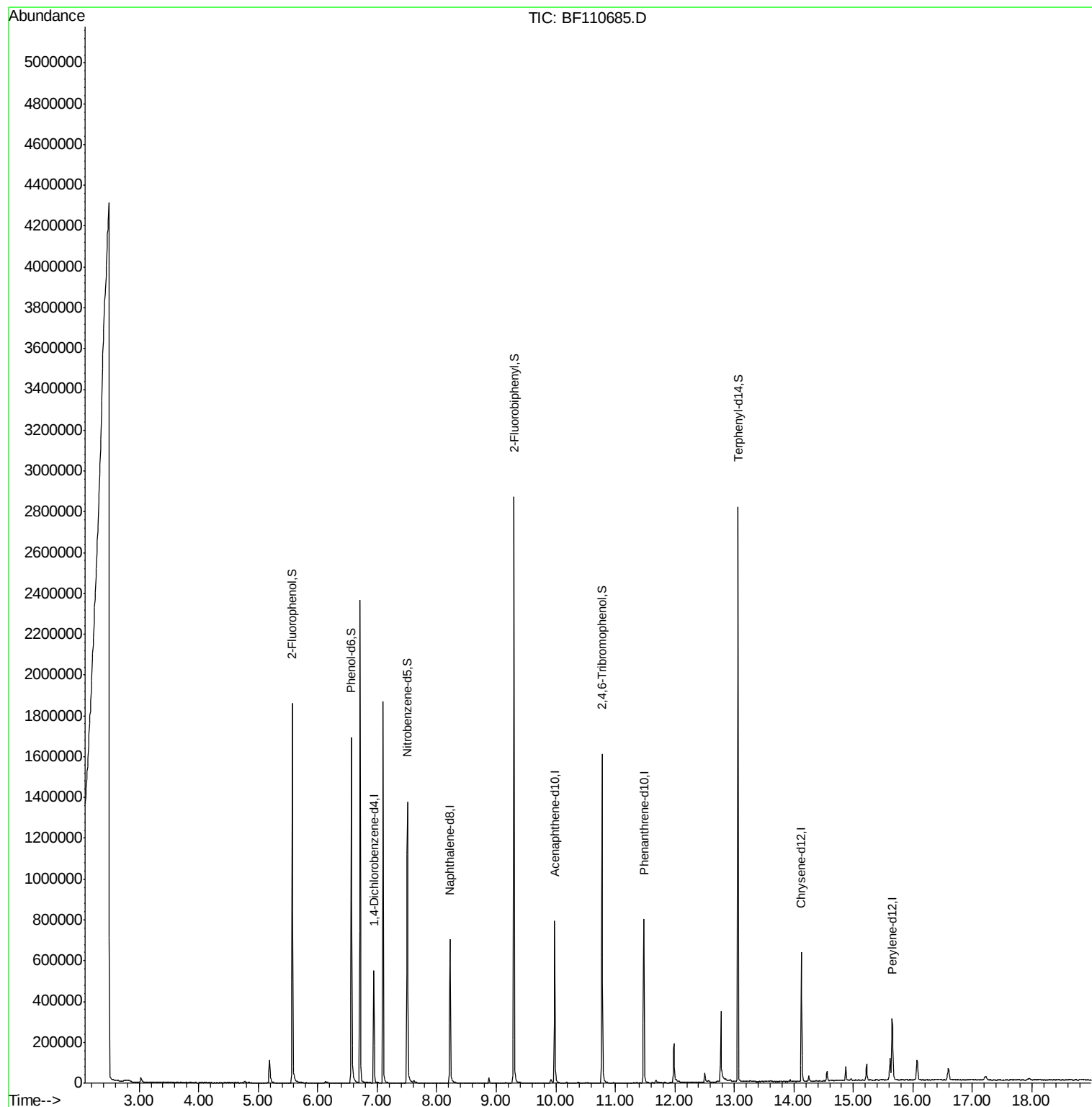
Target Compounds Qvalue

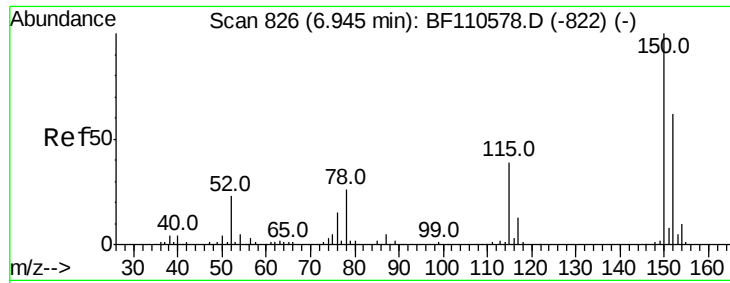
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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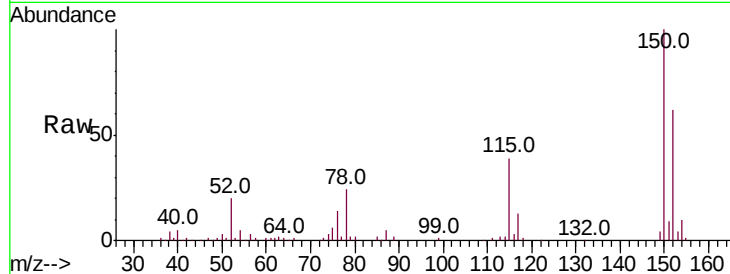


#1

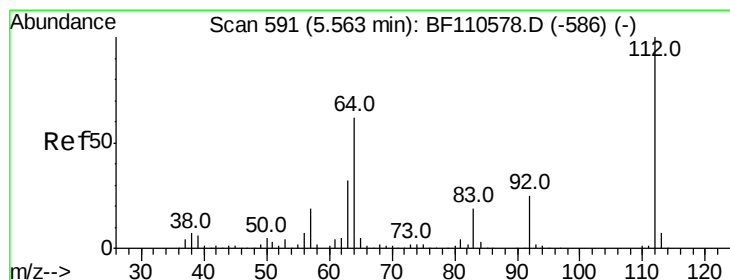
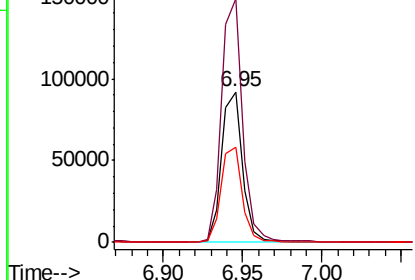
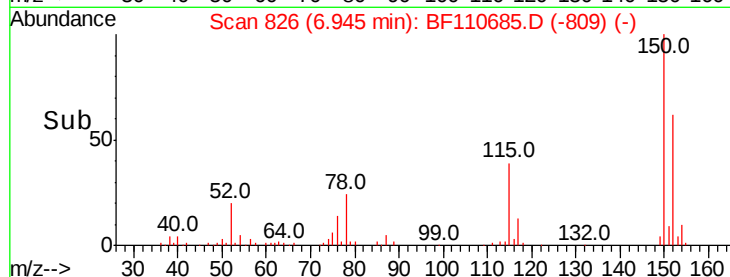
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110685.D
Acq: 12 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
W-2

Tot Ion:152 Resp: 84335
Ion Ratio Lower Upper
152 100
150 161.4 122.7 184.1
115 63.2 49.1 73.7



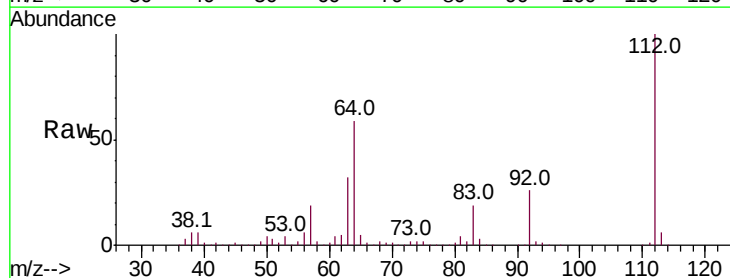
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



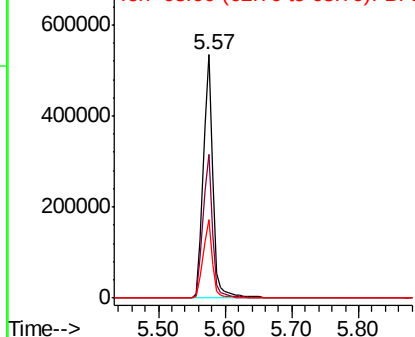
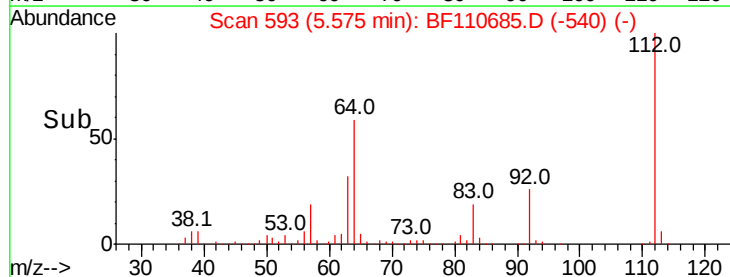
#5

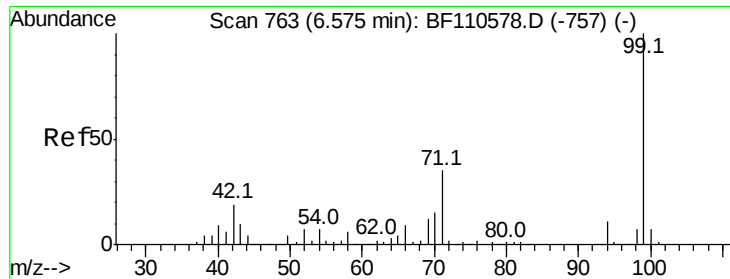
2-Fluorophenol
Concen: 100.965 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110685.D
Acq: 12 Nov 2018 20:10

Tgt Ion:112 Resp: 524213
Ion Ratio Lower Upper
112 100
64 59.2 44.1 66.1
63 32.0 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: 87.830 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110685.D

Acq: 12 Nov 2018 20:10

Instrument :

BNA_F

ClientSampleId :

W-2

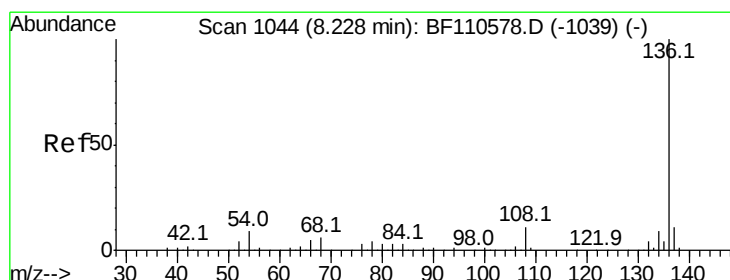
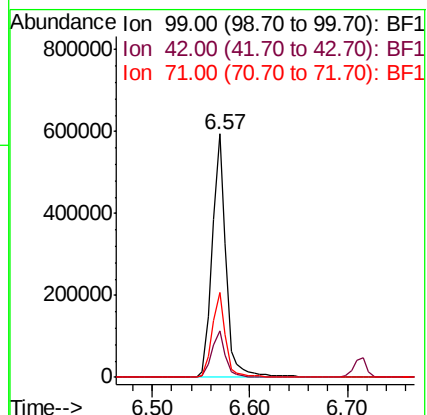
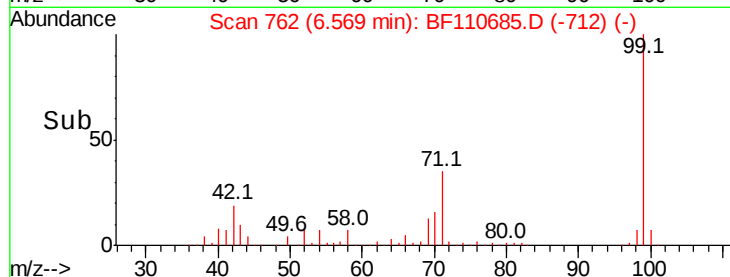
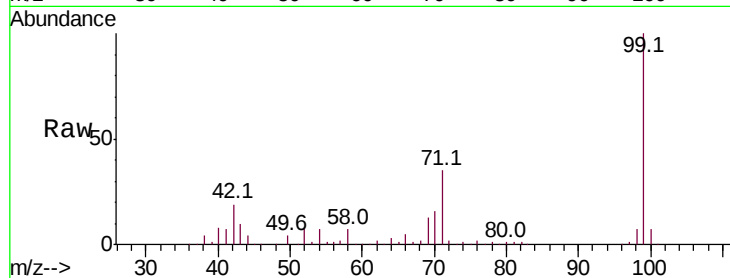
Tot Ion: 99 Resp: 583133

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

71 35.1 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110685.D

Acq: 12 Nov 2018 20:10

Tgt Ion: 136 Resp: 359963

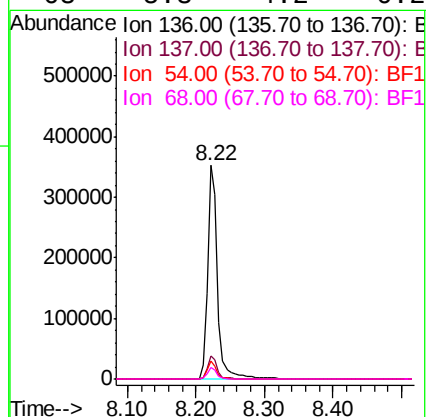
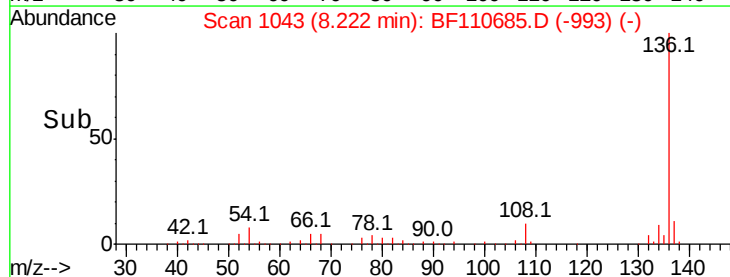
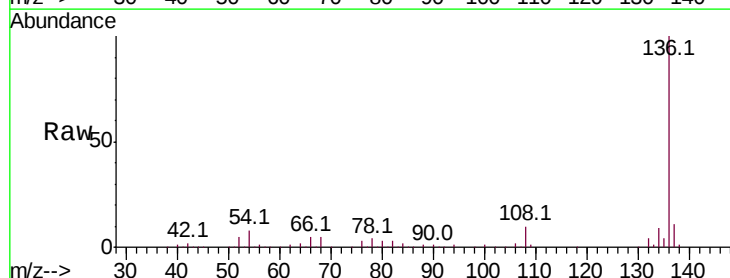
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.4 5.4 8.2#

68 5.3 4.2 6.2

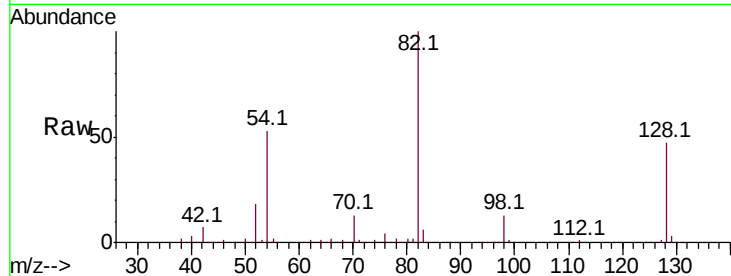




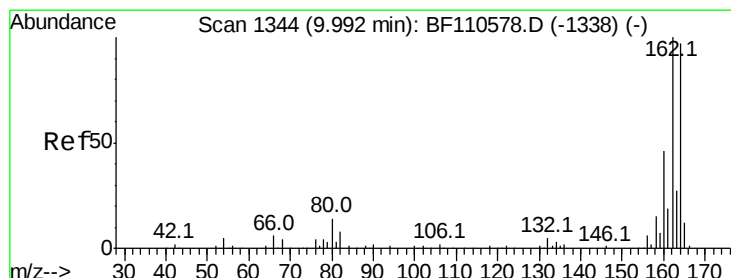
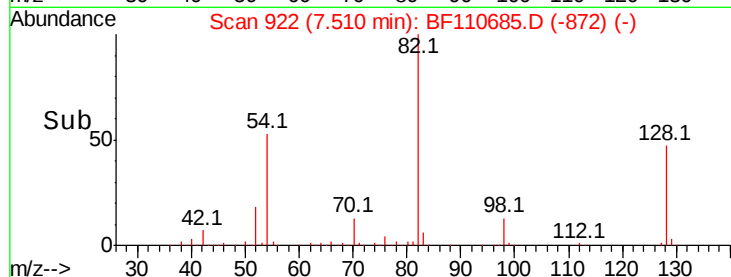
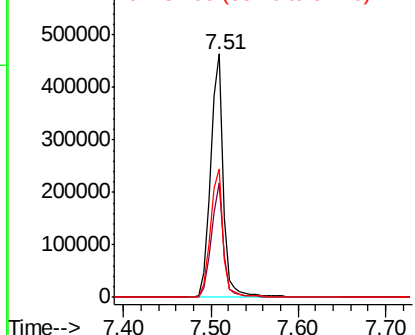
#23
 Nitrobenzene-d5
 Concen: 75.854 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Instrument :
 BNA_F
 ClientSampled :
 W-2

Tot Ion	82	Resp	474125
Ion Ratio	100		
Lower	34.2		
Upper	51.2		
54	52.9	38.6	58.0

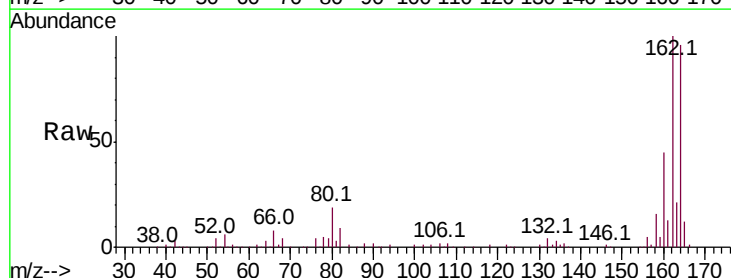


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

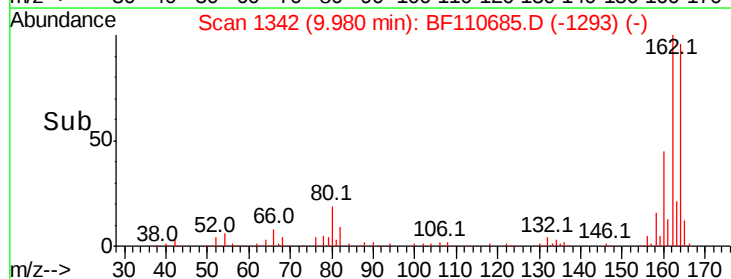
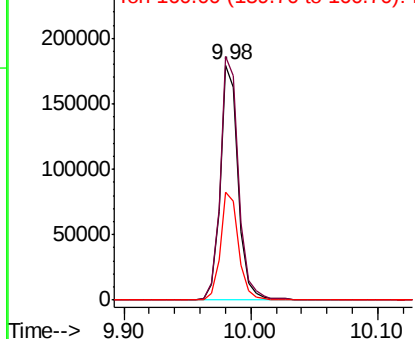


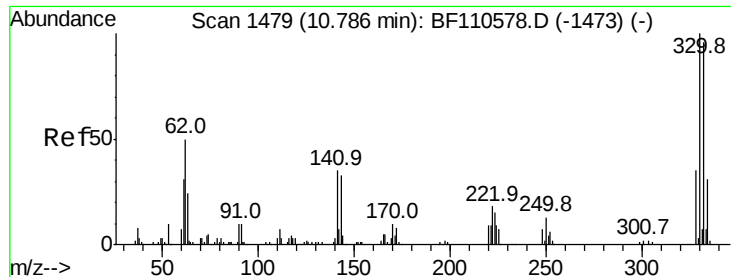
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Tgt Ion	164	Resp	177593
Ion Ratio	100		
Lower	83.0		
Upper	124.6		
162	103.7	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

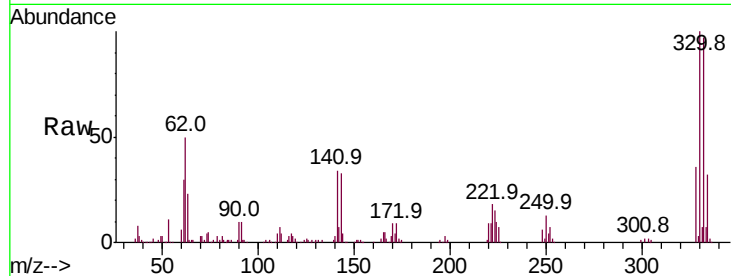




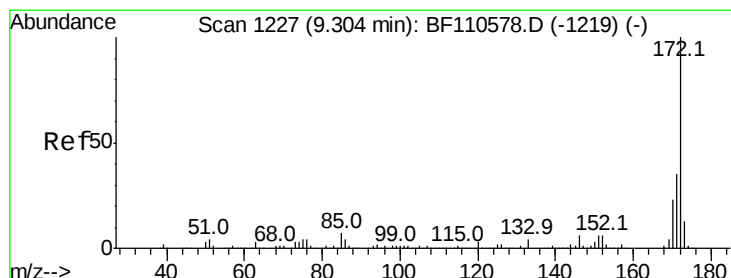
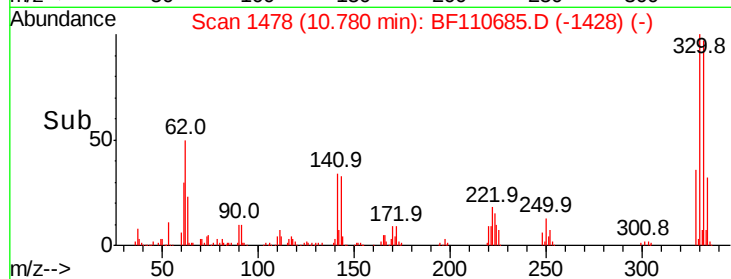
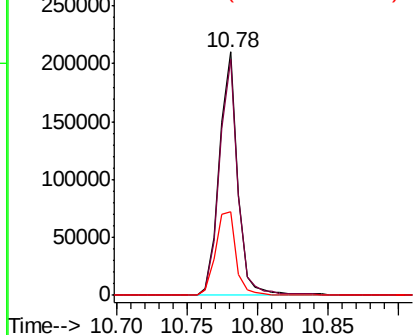
#42
 2,4,6-Tribromophenol
 Concen: 107.394 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	38.4	27.0	40.4

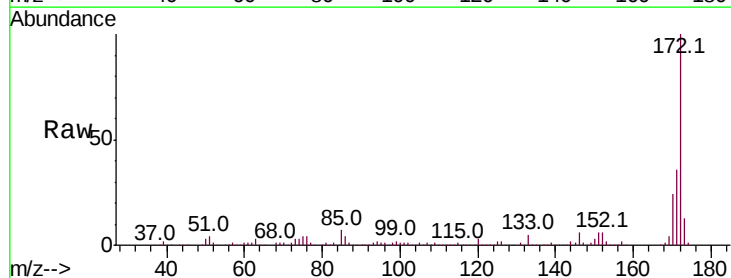


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

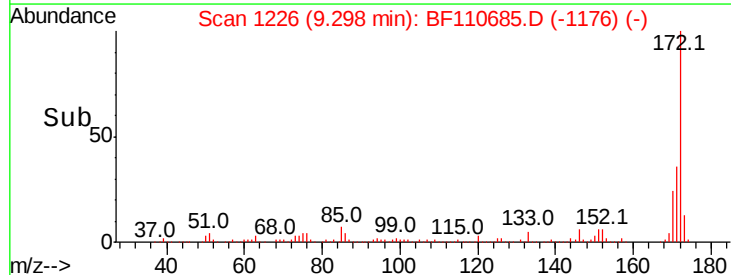
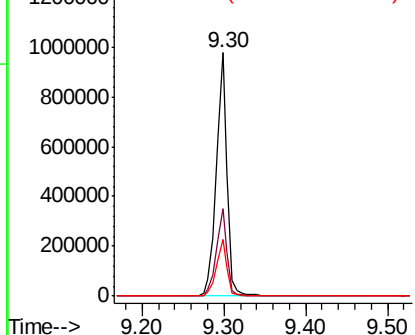


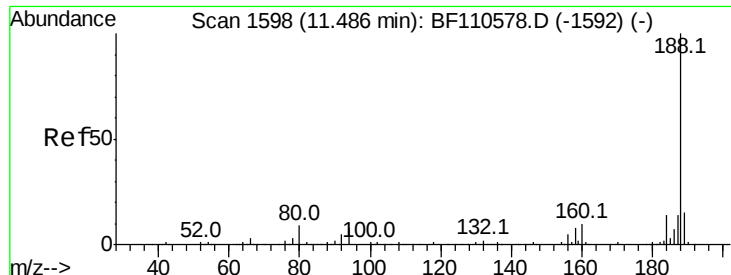
#45
 2-Fluorobiphenyl
 Concen: 72.984 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.6	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

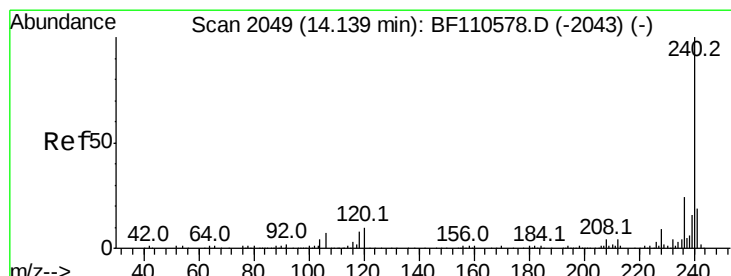
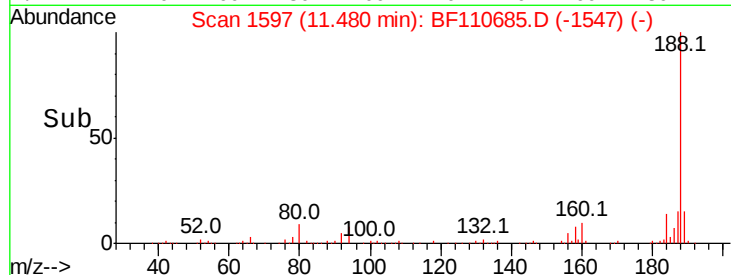
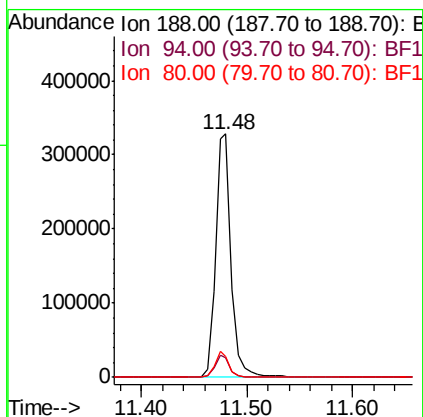
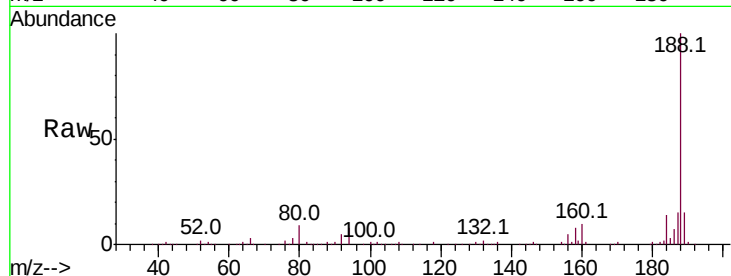




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110685.D
Acq: 12 Nov 2018 20:10

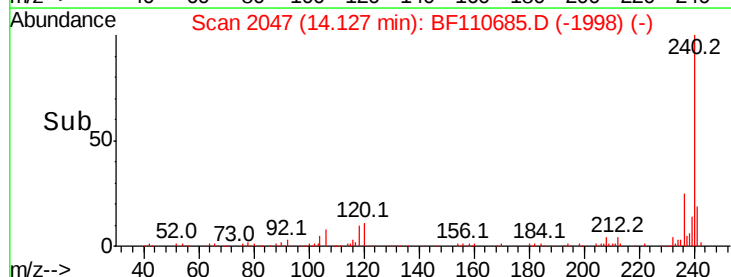
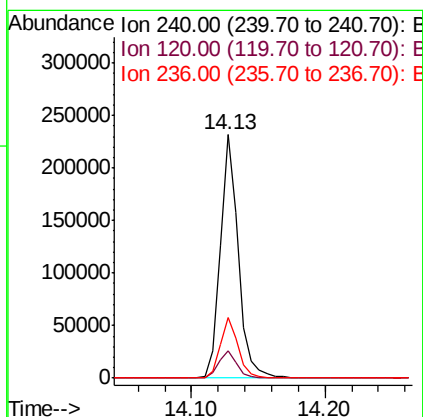
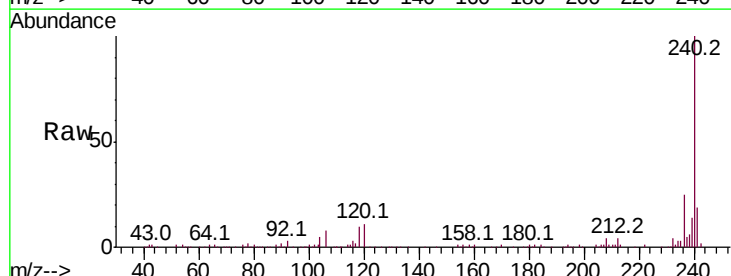
Instrument :
BNA_F
ClientSampleId :
W-2

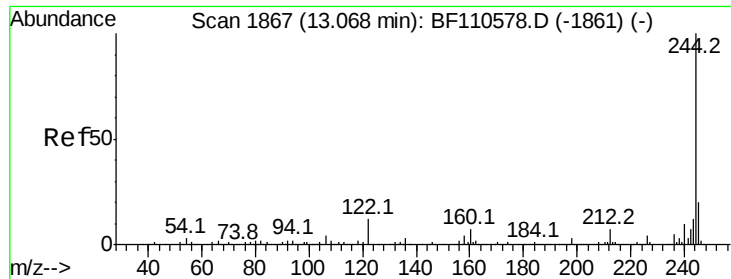
Tot Ion:188 Resp: 340633
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 8.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110685.D
Acq: 12 Nov 2018 20:10

Tgt Ion:240 Resp: 219503
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 24.8 21.2 31.8

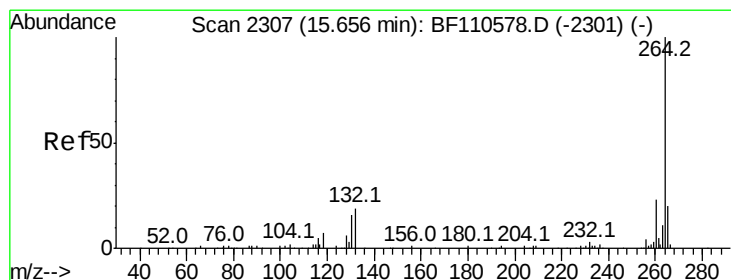
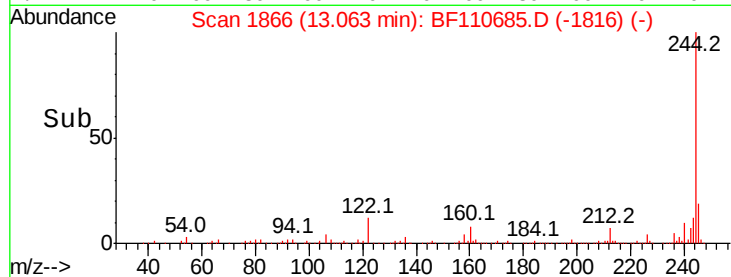
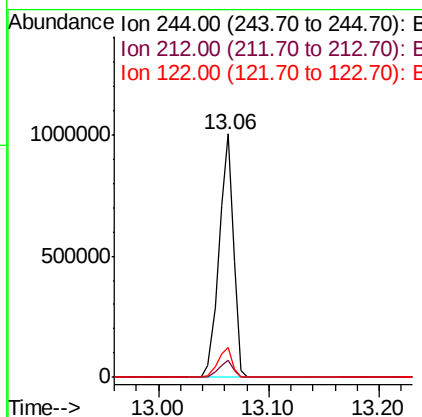
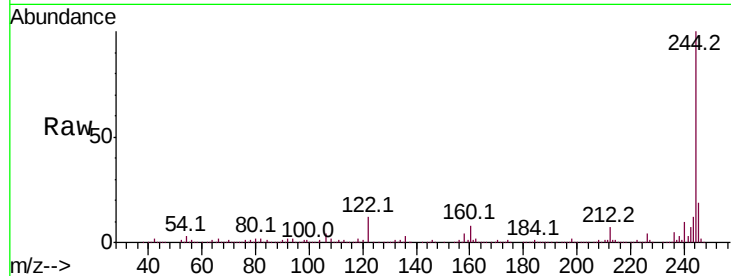




#79
 Terphenyl-d14
 Concen: 77.497 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Tot Ion:244 Resp: 908330
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.2 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.65 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Tgt Ion:264 Resp: 158940
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 20.3 16.7 25.1

