

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109653.D
 Acq On : 8 Oct 2018 17:45
 Operator : JU/SJ
 Sample : PB113362BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BL

Quant Time: Oct 09 04:08:25 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	105520	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	431005	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	208886	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	423274	20.00	ng	0.00
75) Chrysene-d12	13.83	240	324045	20.00	ng	0.00
86) Perylene-d12	15.22	264	233160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	706200	118.80	ng	0.01
7) Phenol-d6	6.35	99	935591	117.81	ng	0.00
23) Nitrobenzene-d5	7.26	82	603681	77.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	226641	99.58	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1151116	75.90	ng	0.00
78) Terphenyl-d14	12.79	244	1143098	68.29	ng	0.00

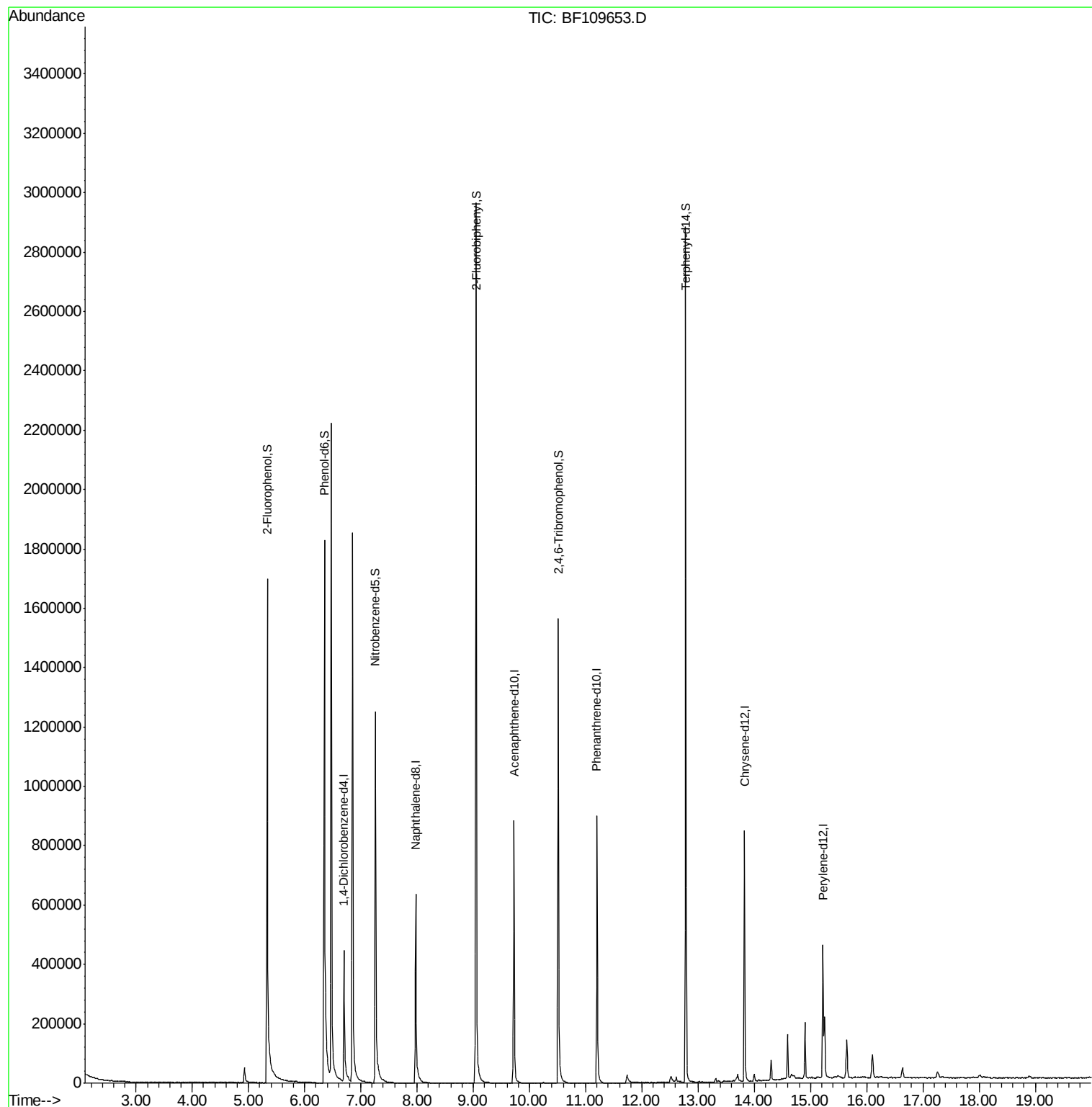
Target Compounds Qvalue

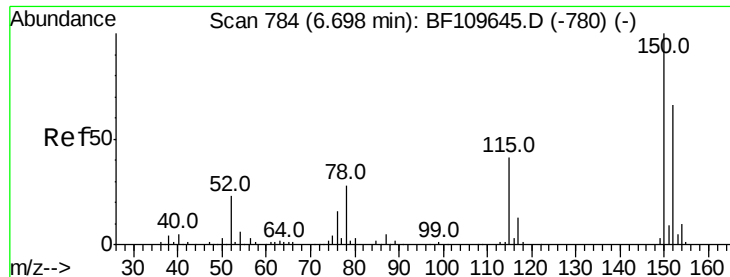
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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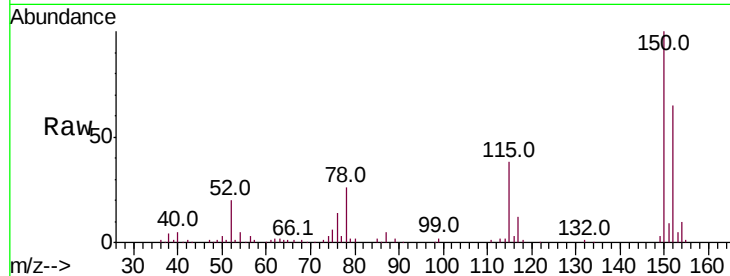


#1

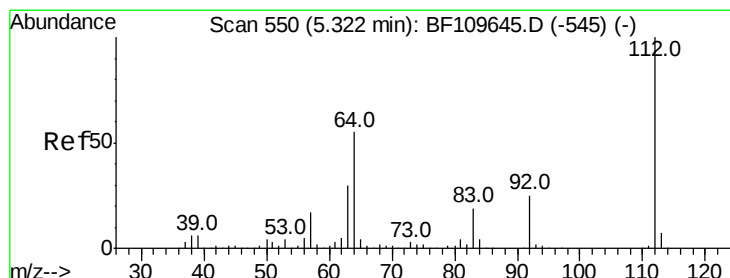
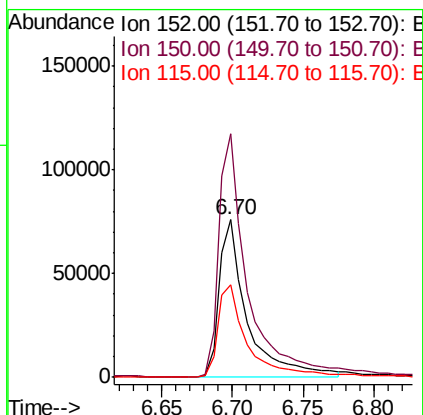
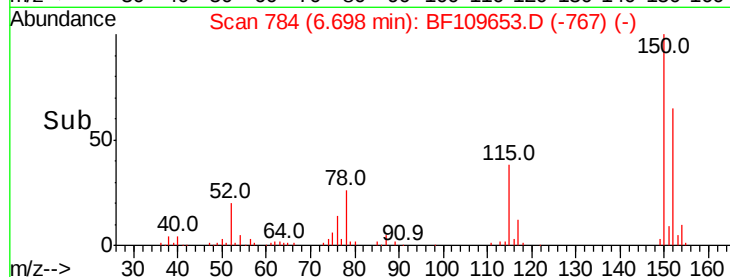
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BL

Tot Ion:152 Resp: 105520
 Ion Ratio Lower Upper
 152 100
 150 154.6 122.7 184.1
 115 59.0 49.1 73.7



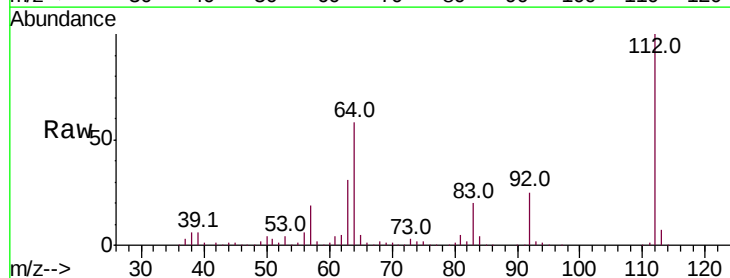
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



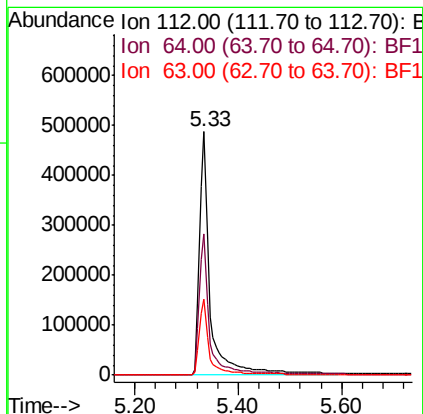
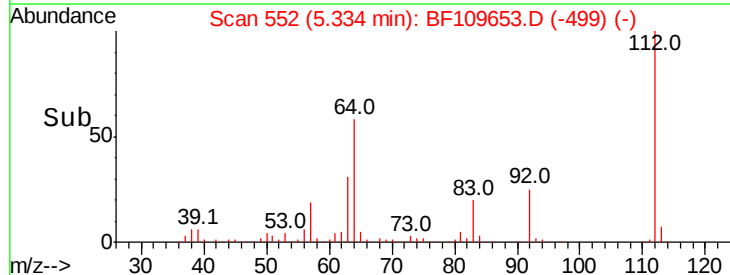
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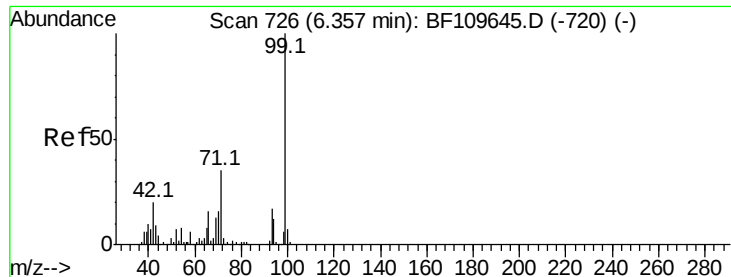
2-Fluorophenol
 Concen: 118.795 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

Tgt Ion:112 Resp: 706200
 Ion Ratio Lower Upper
 112 100
 64 57.9 44.1 66.1
 63 31.3 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: 117.811 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

PB113362BL

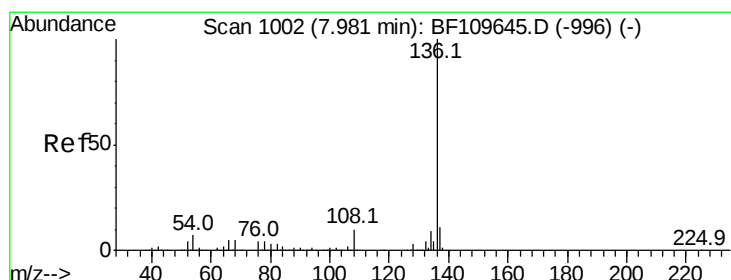
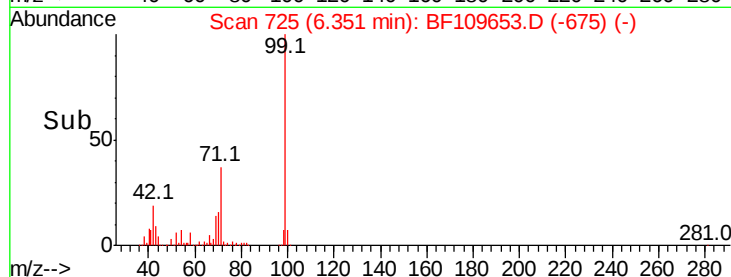
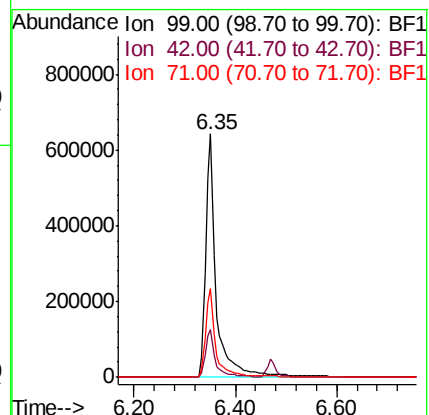
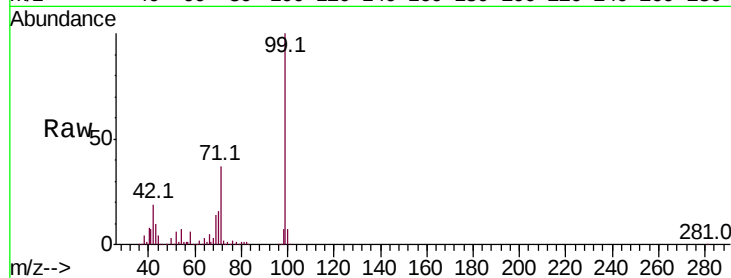
Tot Ion: 99 Resp: 935591

Ion Ratio Lower Upper

99 100

42 19.4 15.8 23.6

71 36.6 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Tgt Ion: 136 Resp: 431005

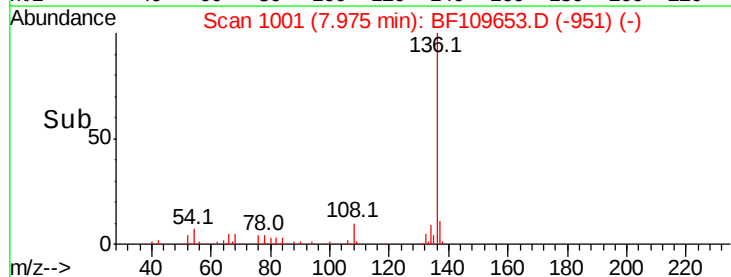
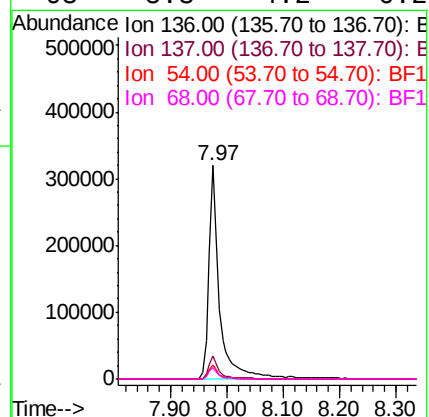
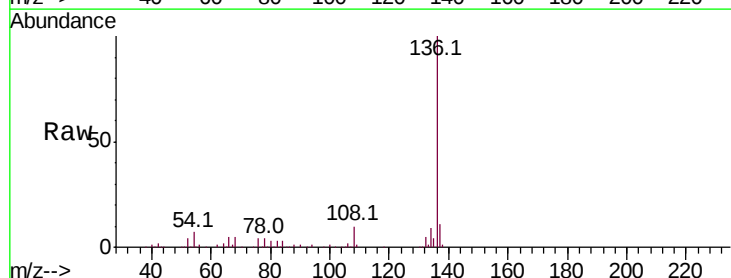
Ion Ratio Lower Upper

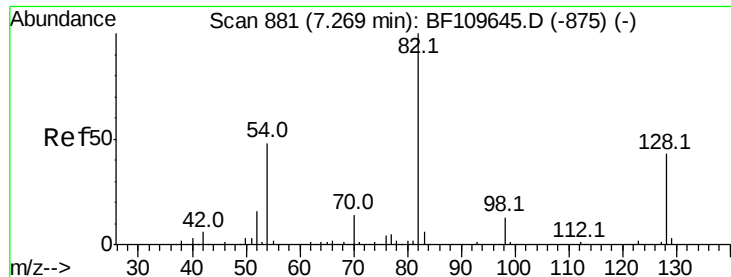
136 100

137 10.8 8.8 13.2

54 6.8 5.4 8.2

68 5.3 4.2 6.2

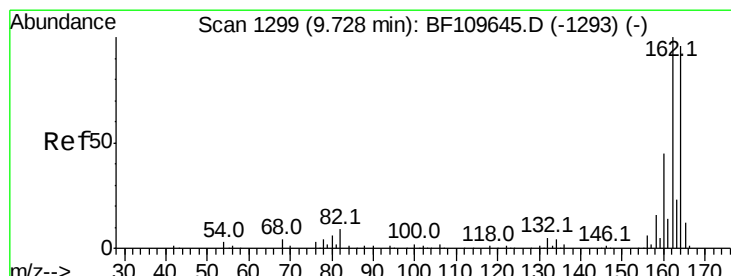
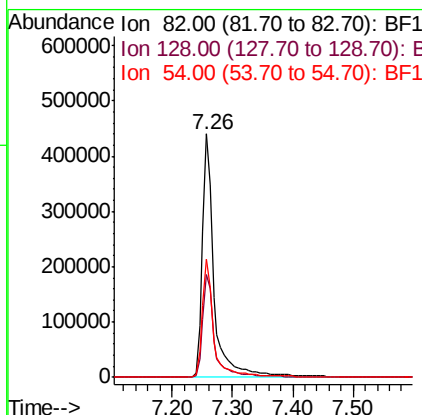
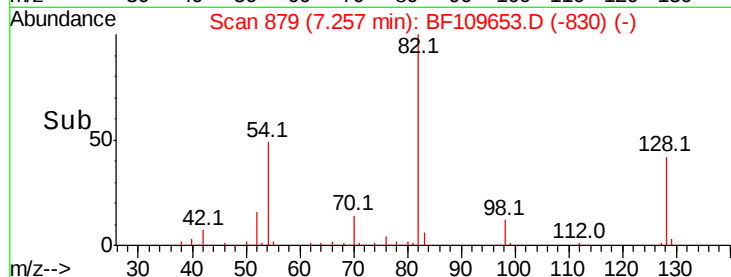
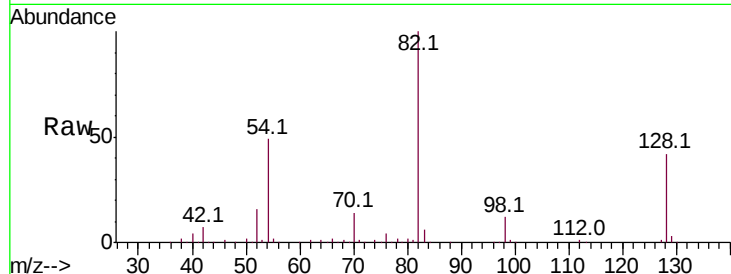




#23
 Nitrobenzene-d5
 Concen: 77.208 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

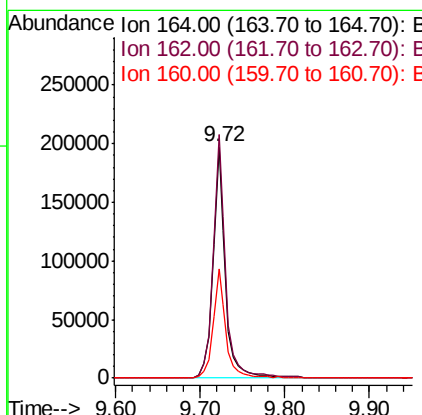
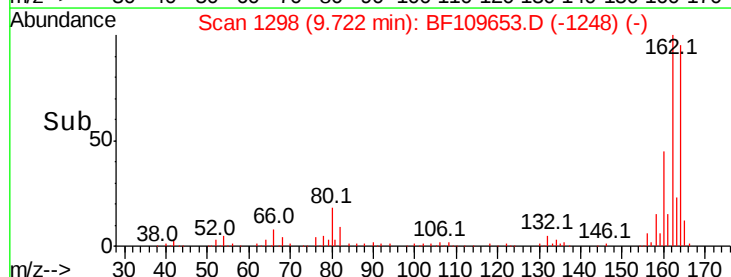
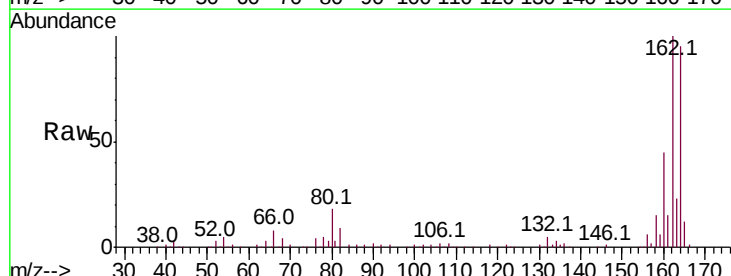
Instrument :
 BNA_F
 ClientSampleId :
 PB113362BL

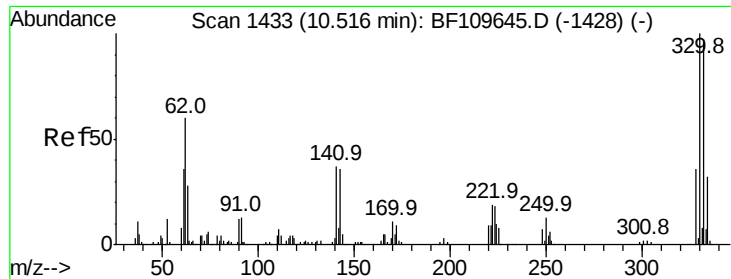
Tot Ion: 82 Resp: 603681
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.2 51.2
 54 48.5 38.6 58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

Tgt Ion:164 Resp: 208886
 Ion Ratio Lower Upper
 164 100
 162 105.3 83.0 124.6
 160 47.2 37.0 55.6

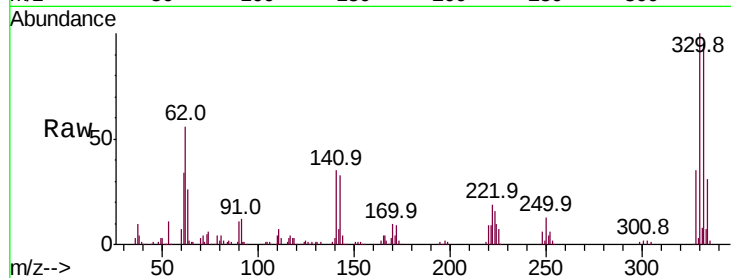




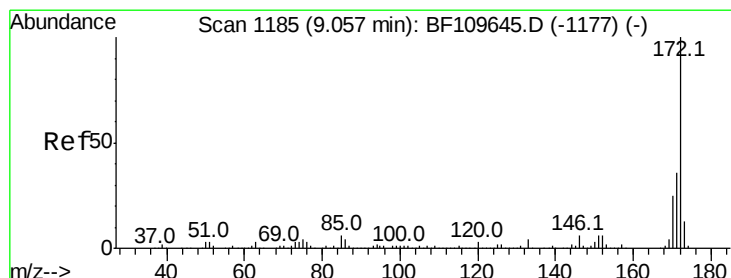
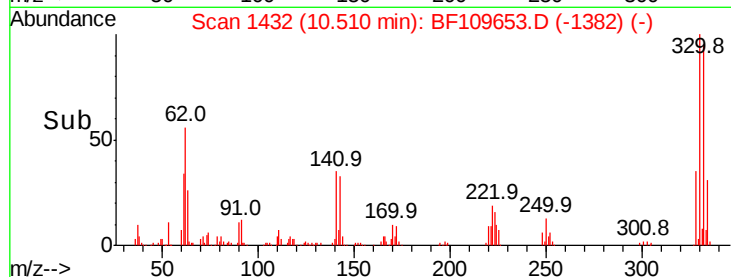
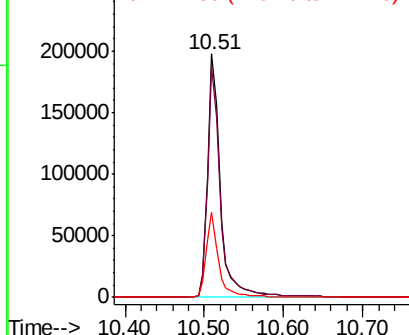
#41
 2,4,6-Tribromophenol
 Concen: 99.577 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BL

Tot Ion:330 Resp: 226641
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 33.8 27.0 40.4

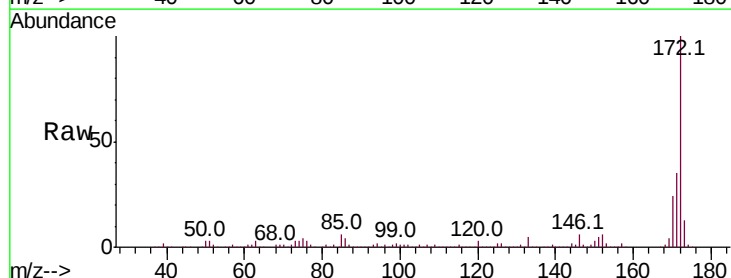


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

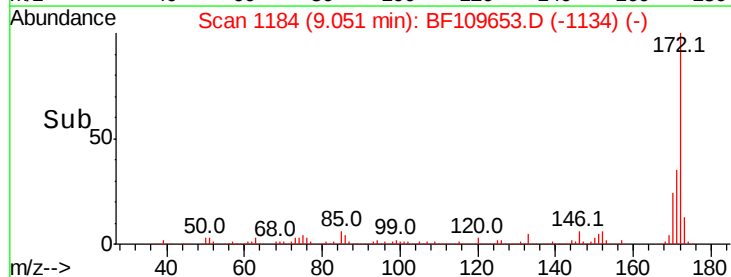
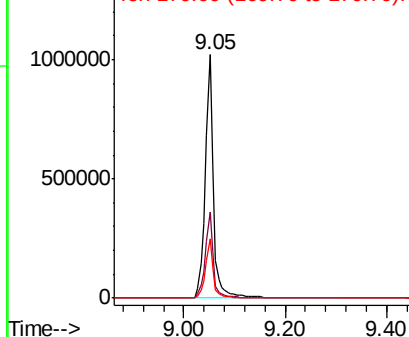


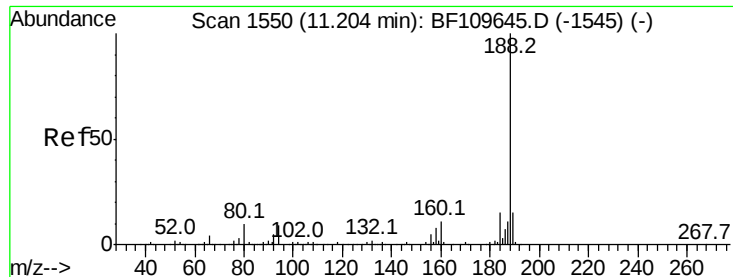
#44
 2-Fluorobiphenyl
 Concen: 75.897 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

Tgt Ion:172 Resp: 1151116
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

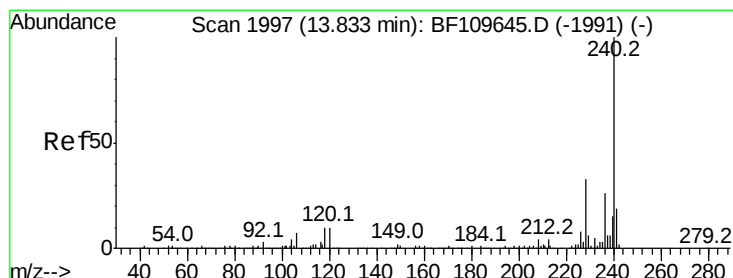
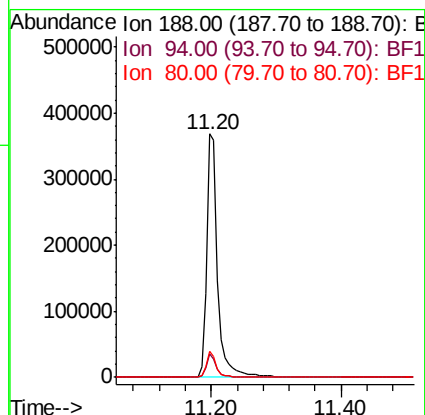
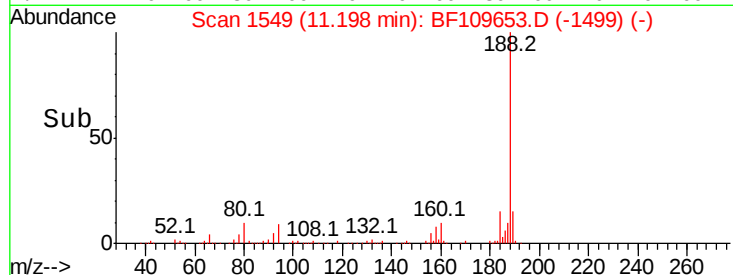
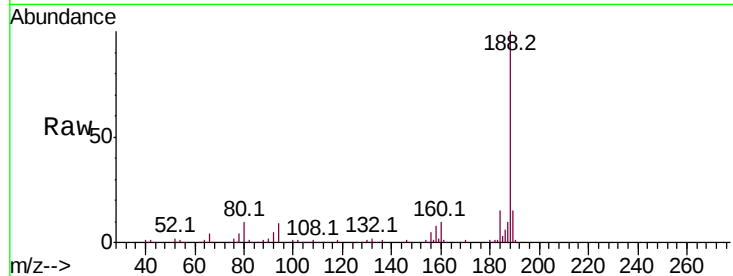




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

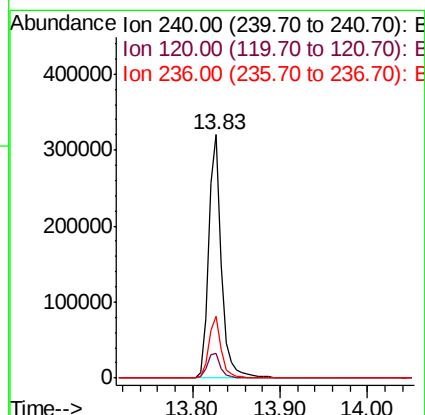
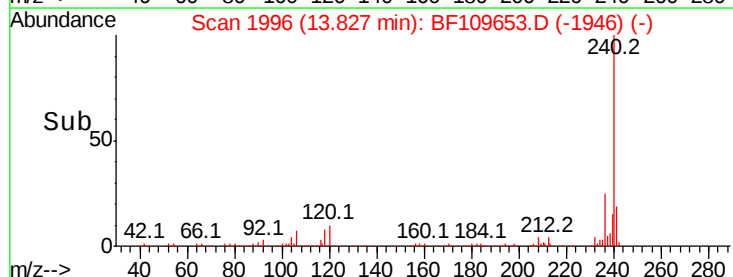
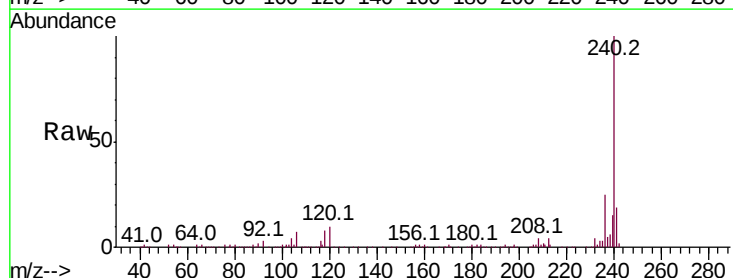
Instrument :
BNA_F
ClientSampleId :
PB113362BL

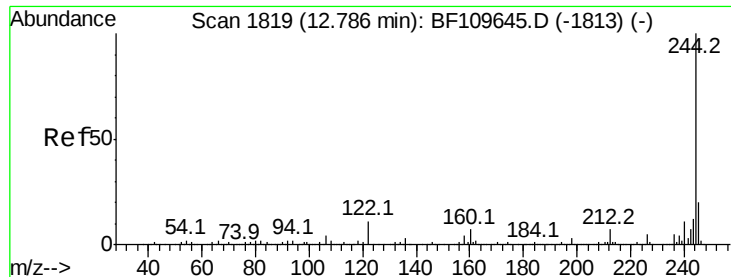
Tot Ion:188 Resp: 423274
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.5 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

Tgt Ion:240 Resp: 324045
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 25.4 21.2 31.8



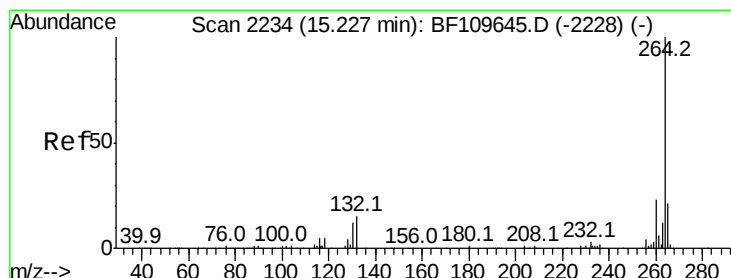
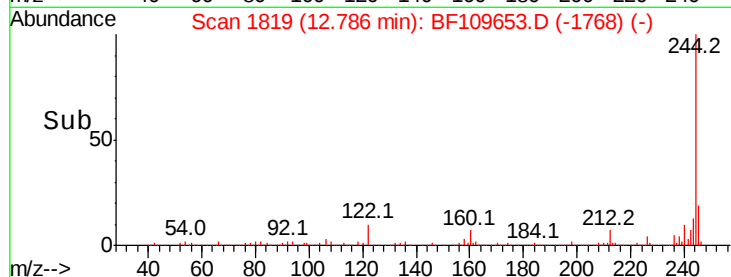
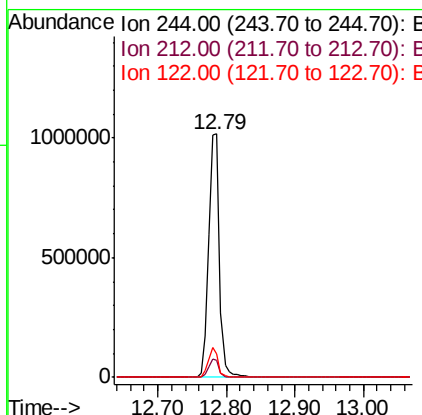
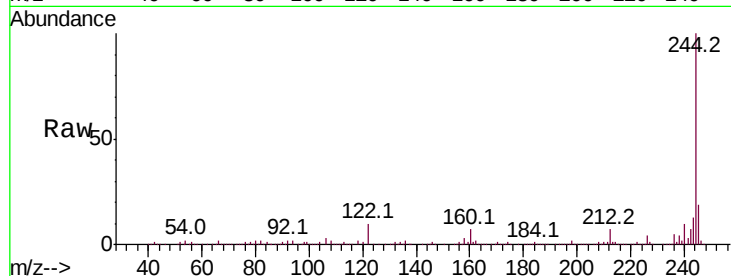


#78
 Terphenyl-d14
 Concen: 68.288 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BL

Tot Ion:244 Resp: 1143098

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.8	8.7	13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

Tgt Ion:264 Resp: 233160

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	22.3	16.7	25.1

