

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106992.D
 Acq On : 30 Jun 2018 00:13
 Operator : JU/SJ
 Sample : J3705-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-20

Quant Time: Jun 30 03:12:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	79806	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	300056	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	142489	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	245868	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	222420	20.00	ng	-0.03
86) Perylene-d12	15.67	264	191073	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	233246	49.49	ng	-0.01
7) Phenol-d6	6.59	99	181478	30.83	ng	-0.02
23) Nitrobenzene-d5	7.52	82	376334	69.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	174330	105.56	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	690894	81.46	ng	-0.02
78) Terphenyl-d14	13.07	244	705879	76.87	ng	-0.01

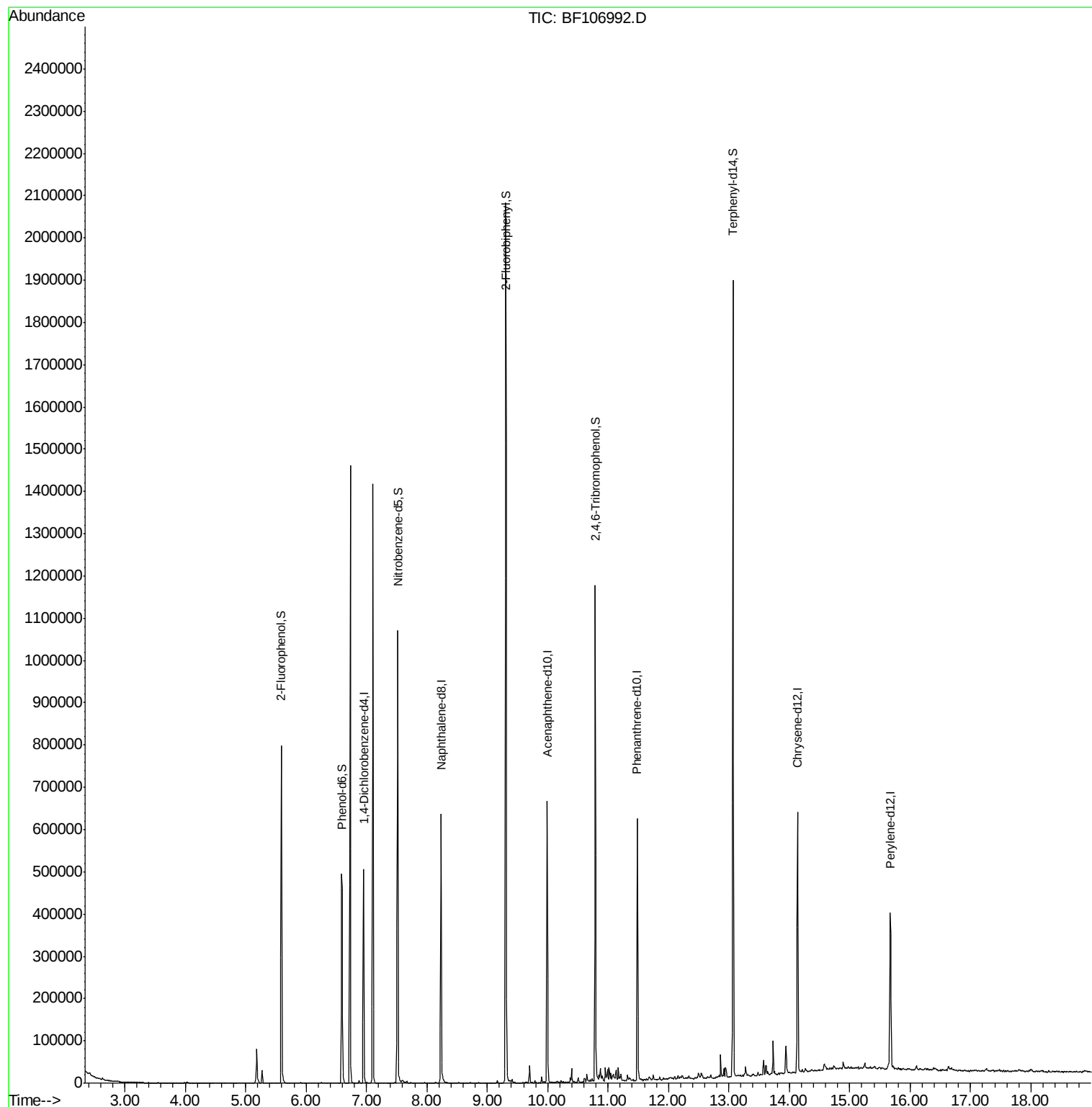
Target Compounds Qvalue

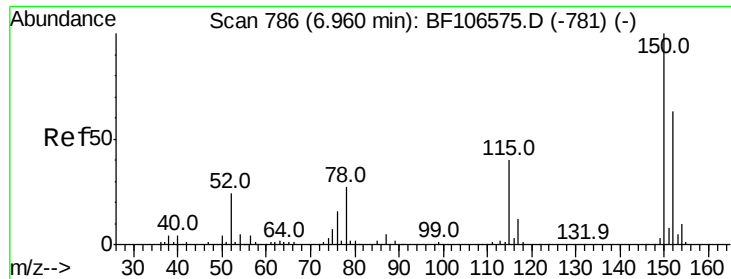
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106992.D
Acq On : 30 Jun 2018 00:13
Operator : JU/SJ
Sample : J3705-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-20

Quant Time: Jun 30 03:12:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration



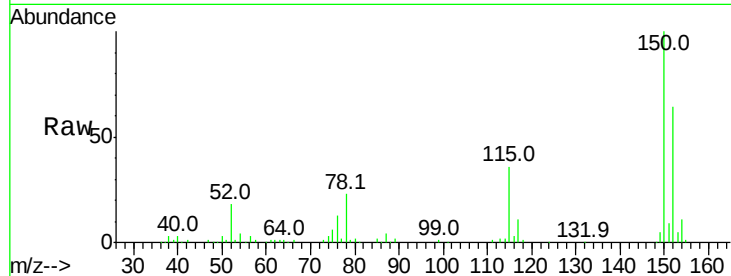


#1

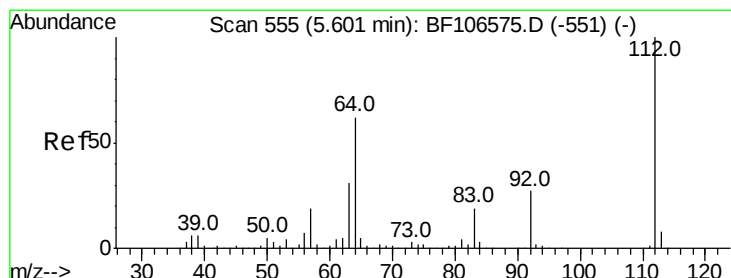
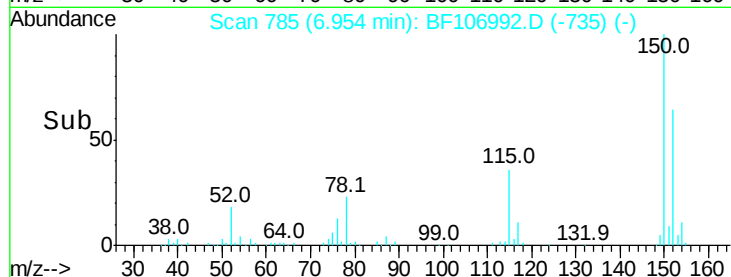
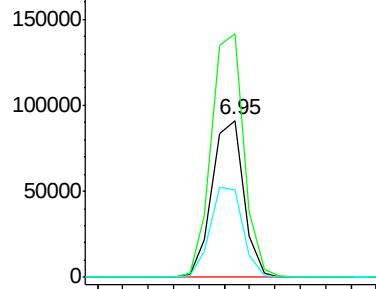
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106992.D
Acq: 30 Jun 2018 00:13

Instrument :
BNA_F
ClientSampleId :
W-20

Tot Ion:152 Resp: 79806
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 55.6 50.1 75.1



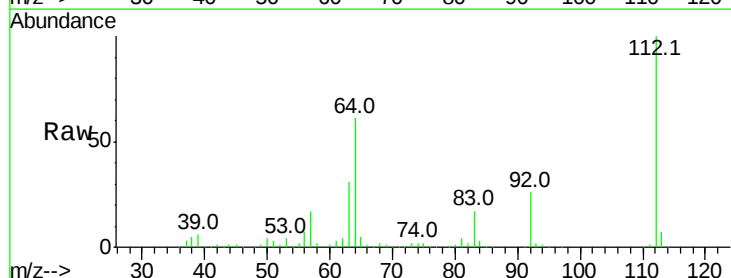
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



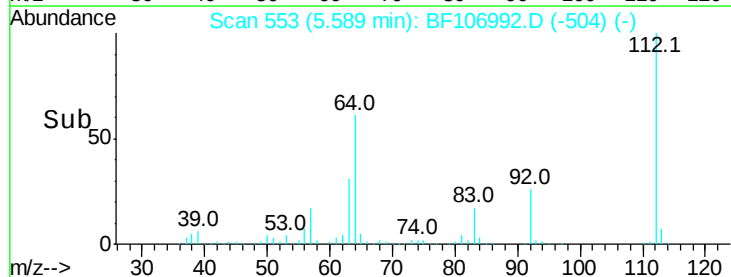
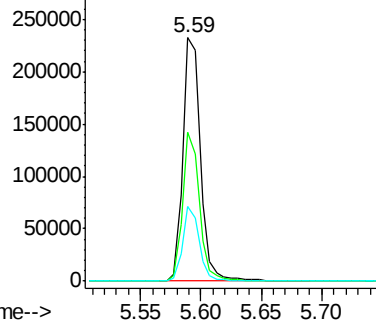
#5

2-Fluorophenol
Concen: 49.490 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106992.D
Acq: 30 Jun 2018 00:13

Tgt Ion:112 Resp: 233246
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 30.6 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: 30.834 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106992.D

Acq: 30 Jun 2018 00:13

Instrument :

BNA_F

ClientSampled :

W-20

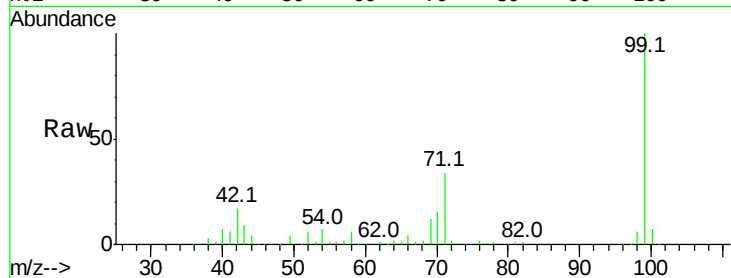
Tot Ion: 99 Resp: 181478

Ion Ratio Lower Upper

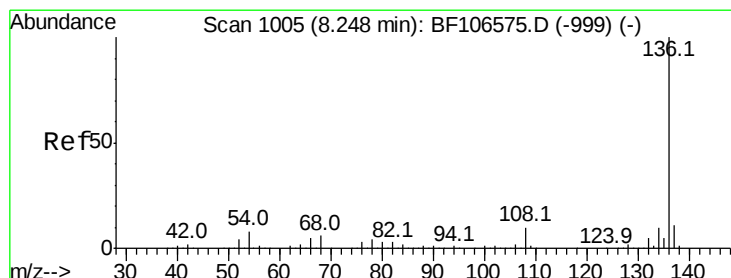
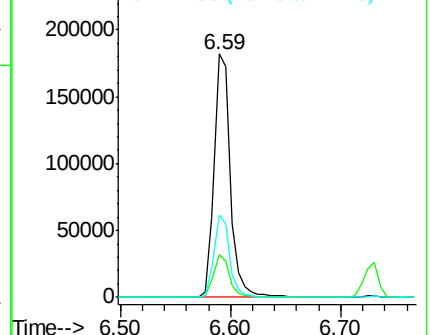
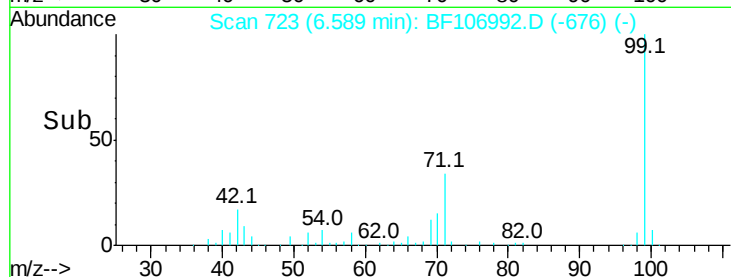
99 100

42 17.4 14.5 21.7

71 33.6 25.4 38.0



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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106992.D

Acq: 30 Jun 2018 00:13

Tgt Ion: 136 Resp: 300056

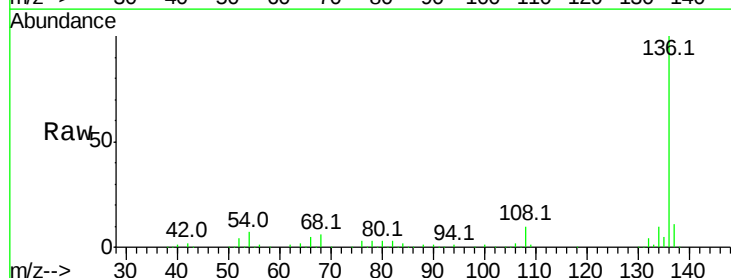
Ion Ratio Lower Upper

136 100

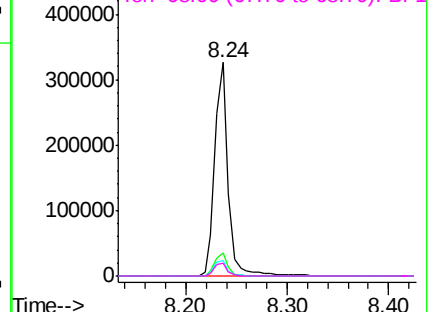
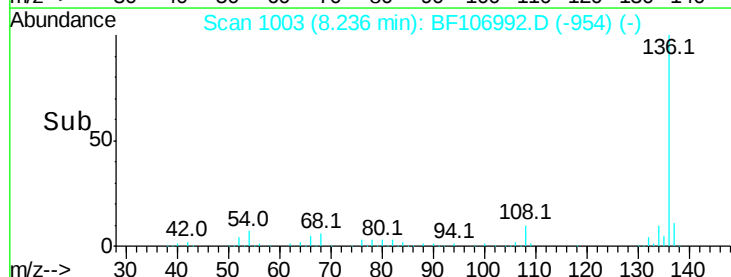
137 10.6 8.9 13.3

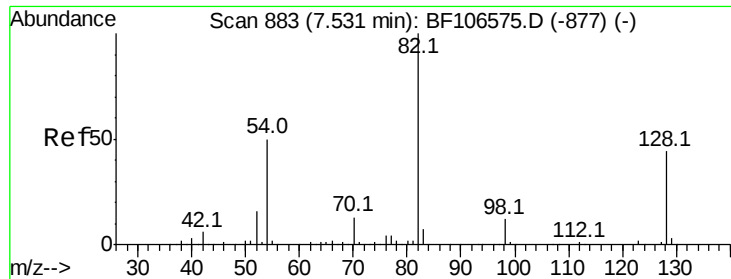
54 7.2 6.6 9.8

68 5.7 5.0 7.4



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

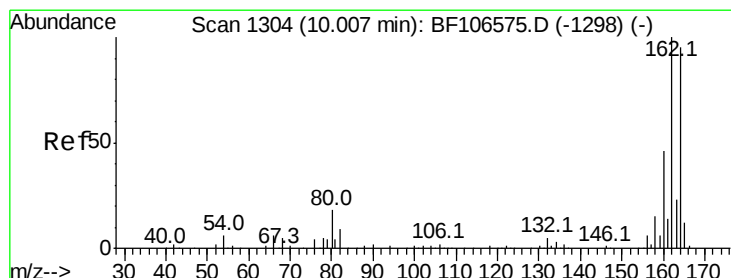
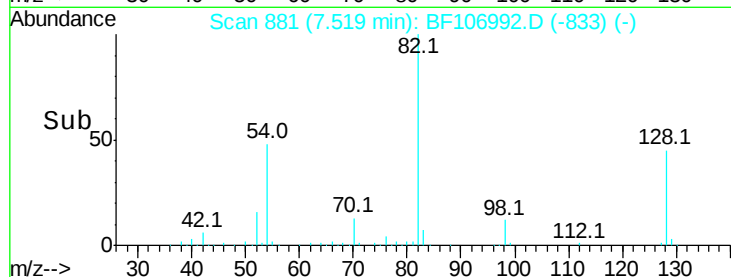
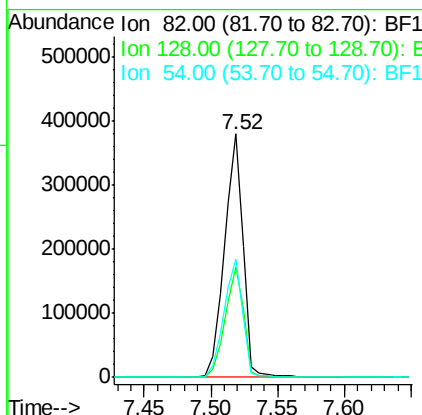
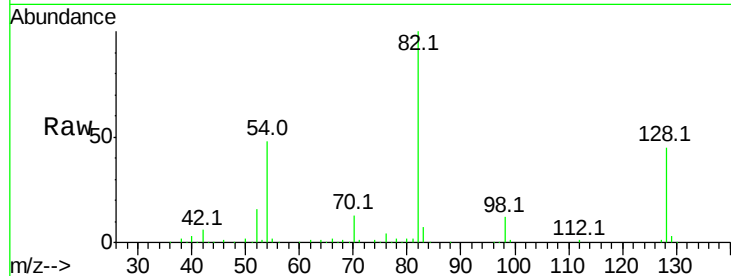




#23
 Nitrobenzene-d5
 Concen: 69.701 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106992.D
 Acq: 30 Jun 2018 00:13

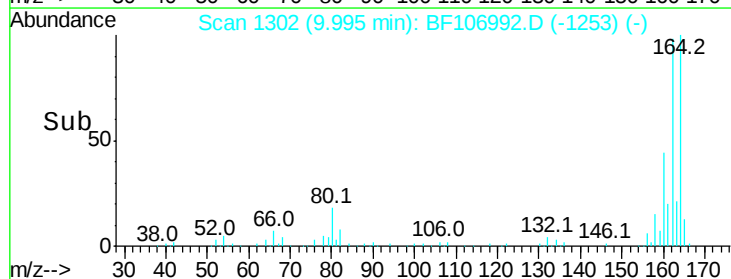
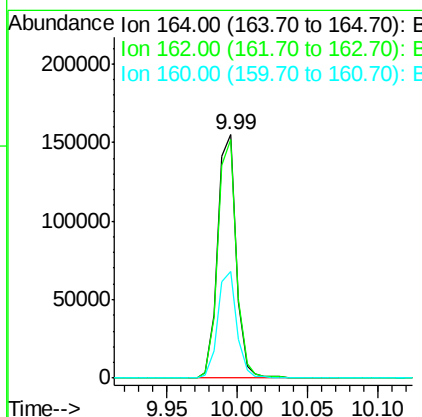
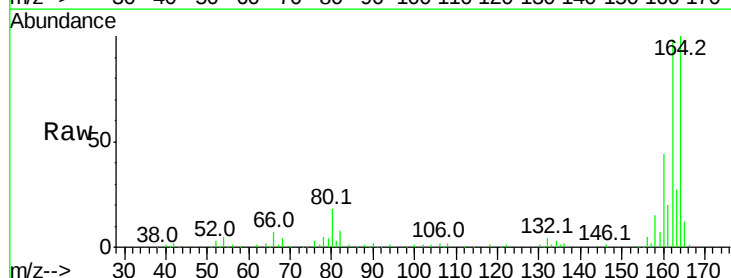
Instrument :
 BNA_F
 ClientSampled :
 W-20

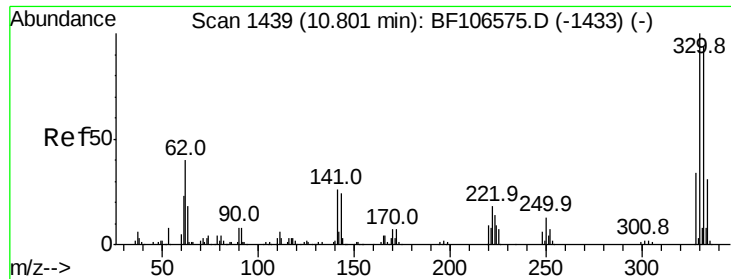
Tot Ion: 82 Resp: 376334
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 48.4 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106992.D
 Acq: 30 Jun 2018 00:13

Tgt Ion: 164 Resp: 142489
 Ion Ratio Lower Upper
 164 100
 162 97.9 86.1 129.1
 160 43.9 38.3 57.5

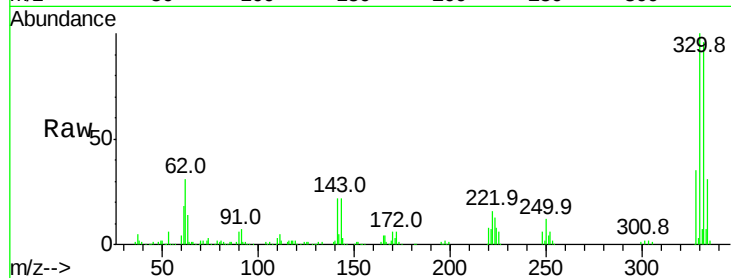




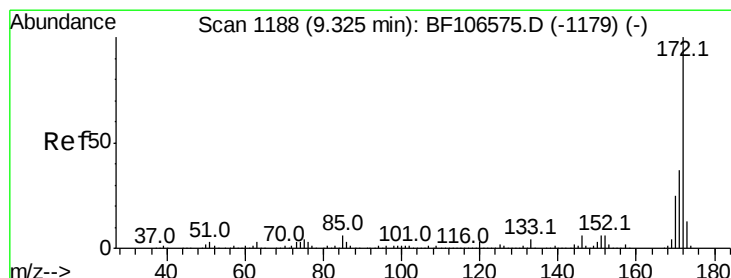
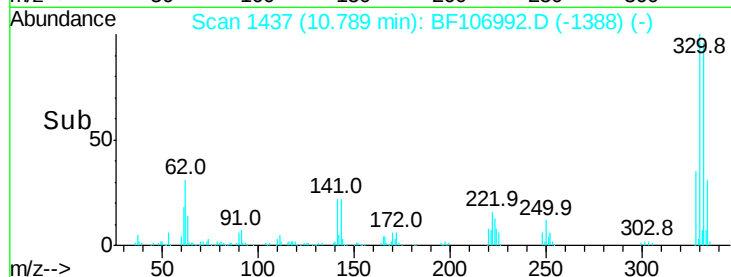
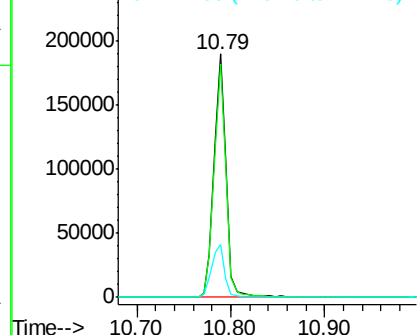
#41
 2,4,6-Tribromophenol
 Concen: 105.559 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106992.D
 Acq: 30 Jun 2018 00:13

Instrument :
 BNA_F
 ClientSampled :
 W-20

Tot Ion:330 Resp: 174330
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 23.0 29.9 44.9#

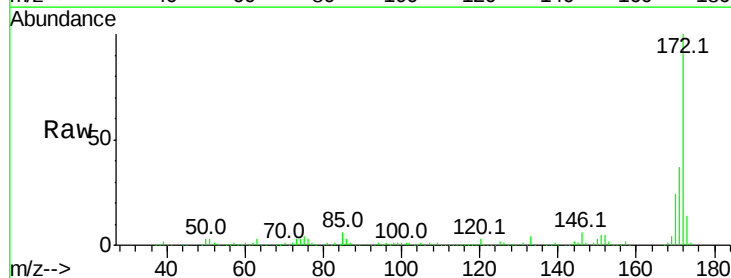


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

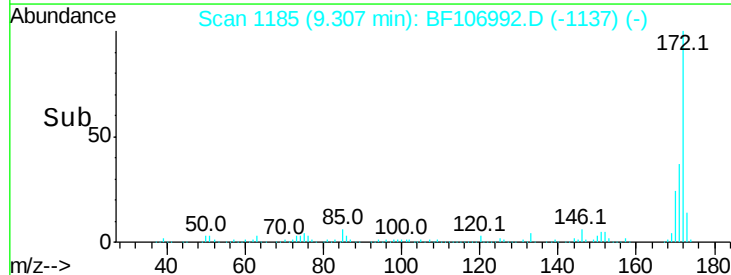
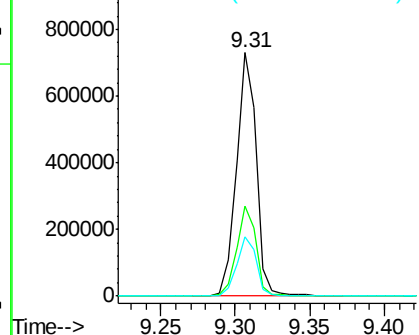


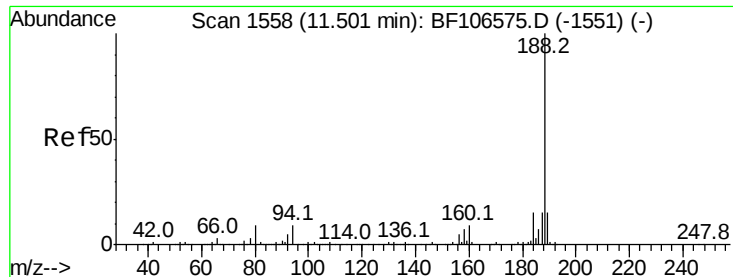
#44
 2-Fluorobiphenyl
 Concen: 81.456 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106992.D
 Acq: 30 Jun 2018 00:13

Tgt Ion:172 Resp: 690894
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.3 19.6 29.4



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

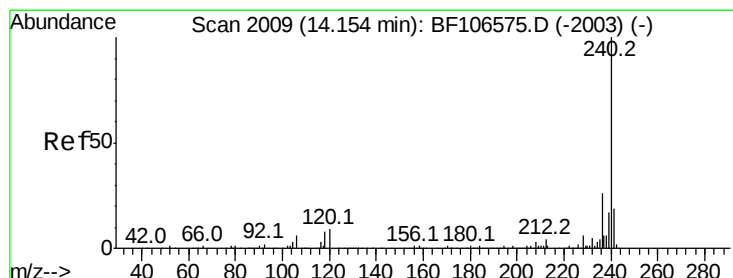
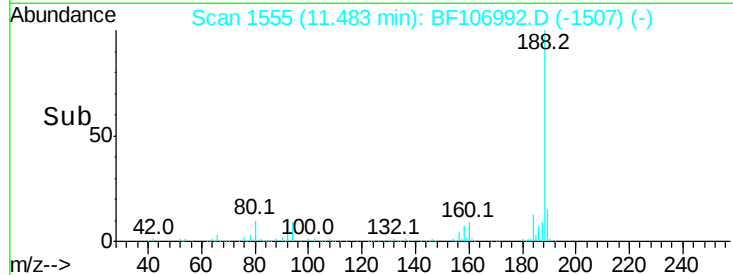
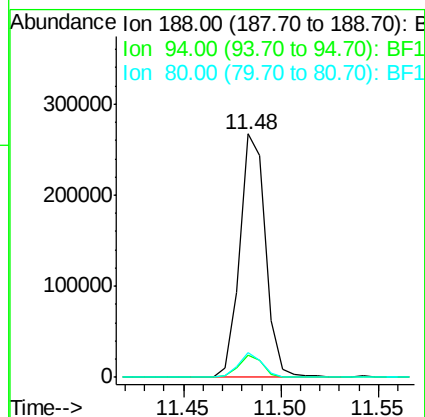
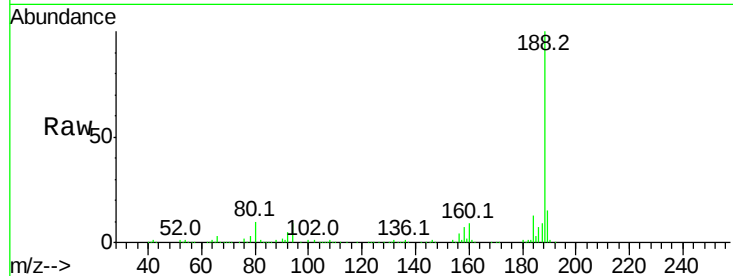




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106992.D
Acq: 30 Jun 2018 00:13

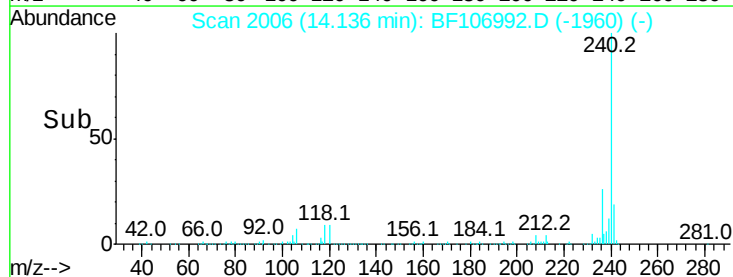
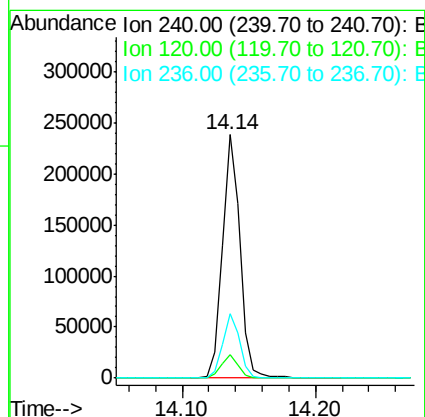
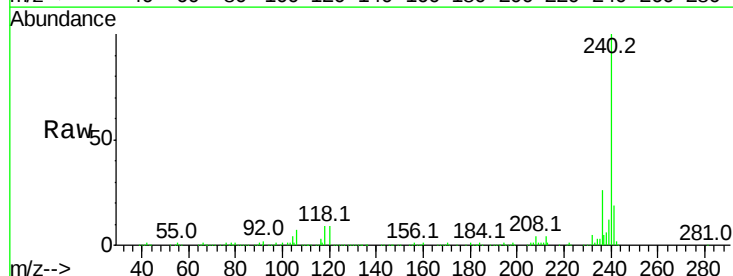
Instrument :
BNA_F
ClientSampleId :
W-20

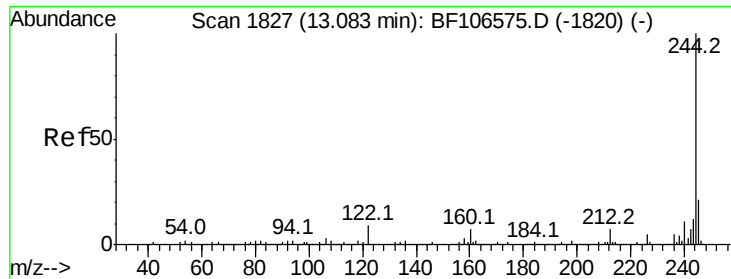
Tot Ion:188 Resp: 245868
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106992.D
Acq: 30 Jun 2018 00:13

Tgt Ion:240 Resp: 222420
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3#
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 76.875 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106992.D

Acq: 30 Jun 2018 00:13

Instrument :

BNA_F

ClientSampleId :

W-20

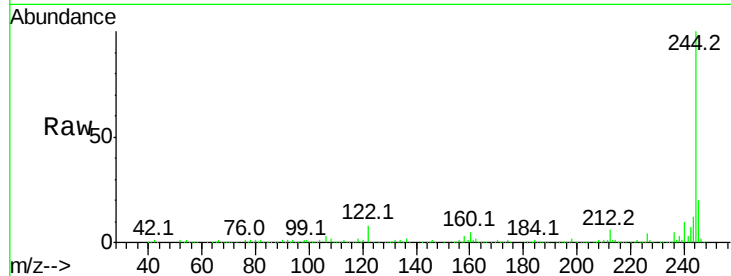
Tot Ion:244 Resp: 705879

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 8.1 11.0 16.4#

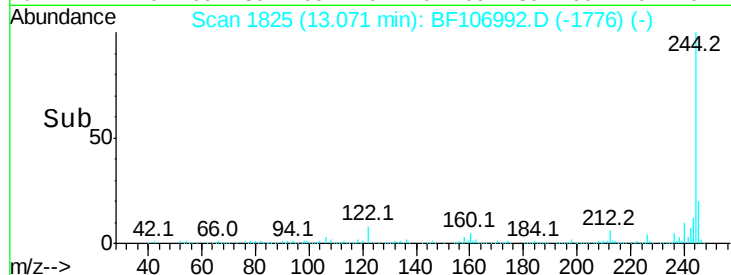


Abundance Ion 244.00 (243.70 to 244.70): E

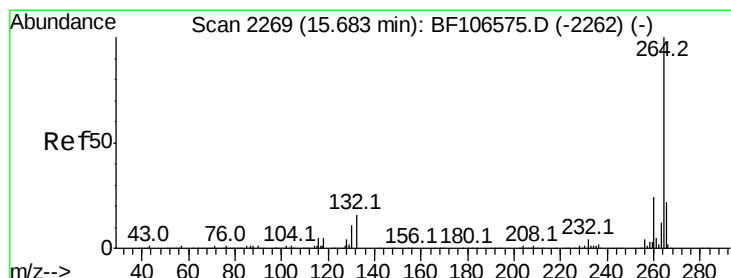
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2267

Delta R.T. -0.05 min

Lab File: BF106992.D

Acq: 30 Jun 2018 00:13

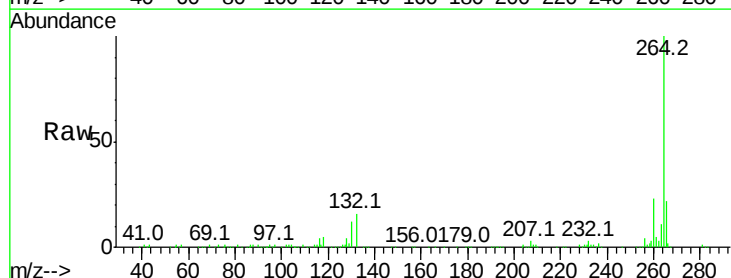
Tgt Ion:264 Resp: 191073

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.7 17.5 26.3

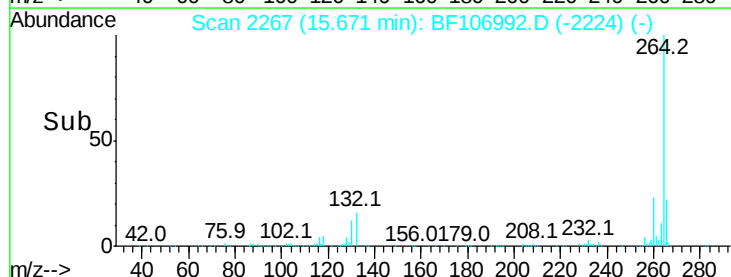


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->