

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106901.D
 Acq On : 28 Jun 2018 5:07
 Operator : JU/SJ
 Sample : J3705-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-20

Quant Time: Jun 28 07:25:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	44813	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	155036	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	63254	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	111839	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	131669	20.00	ng	-0.03
86) Perylene-d12	15.68	264	93382	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	132587	50.10	ng	0.00
7) Phenol-d6	6.60	99	99670	30.16	ng	-0.02
23) Nitrobenzene-d5	7.52	82	203824	73.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	77441	105.63	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	353470	96.60	ng	-0.01
78) Terphenyl-d14	13.07	244	404554	74.43	ng	-0.01

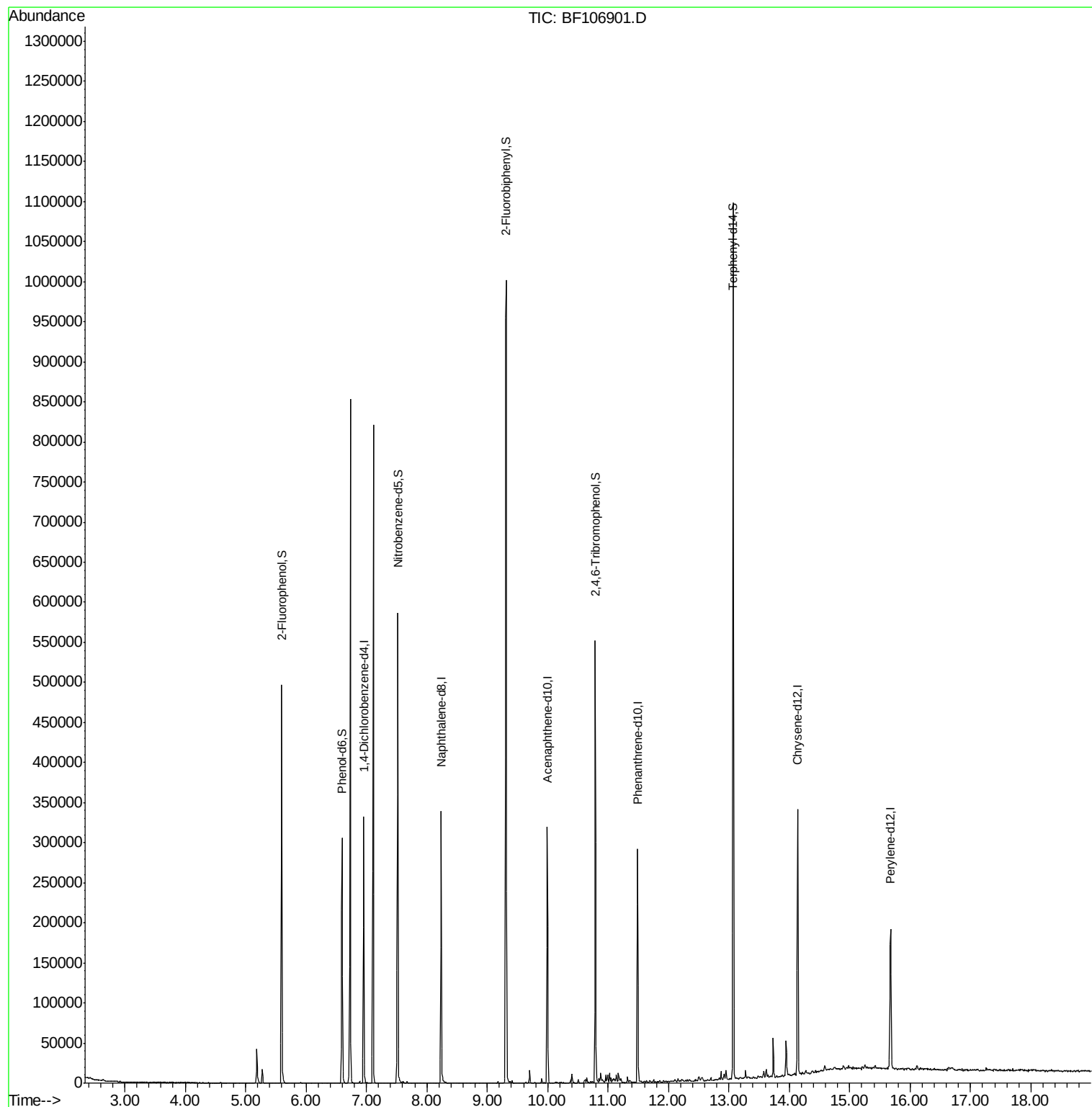
Target Compounds Qvalue

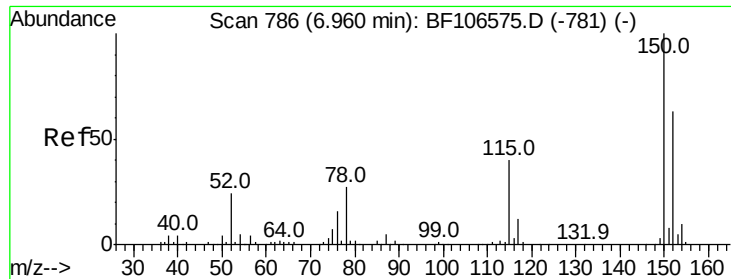
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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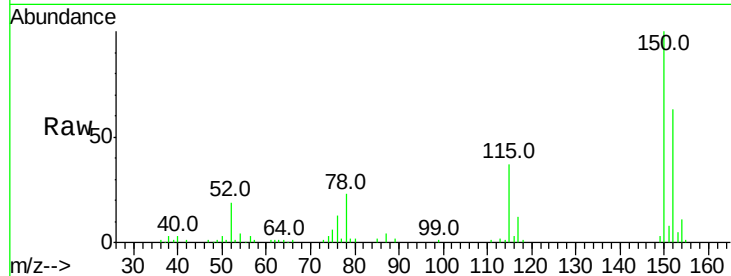


#1

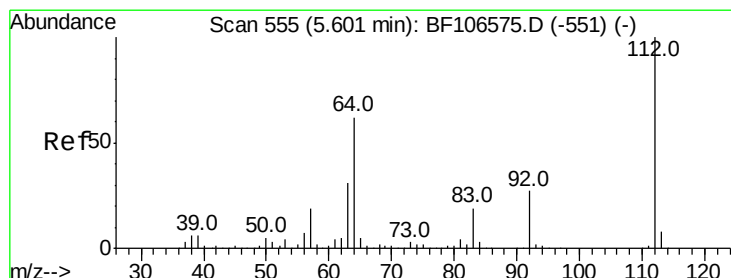
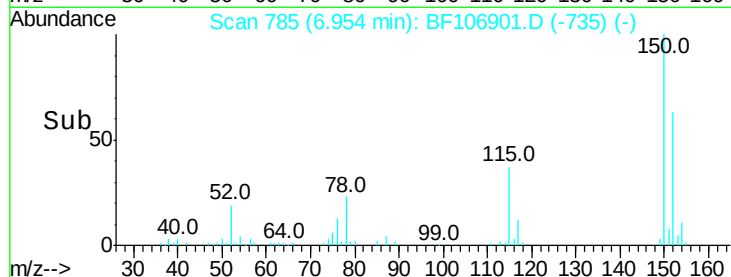
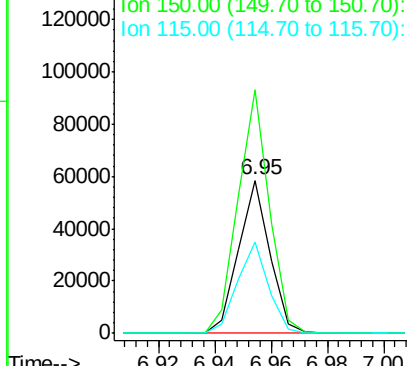
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106901.D
Acq: 28 Jun 2018 5:07

Instrument :
BNA_F
ClientSampleId :
W-20

Tot Ion:152 Resp: 44813
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 59.3 50.1 75.1



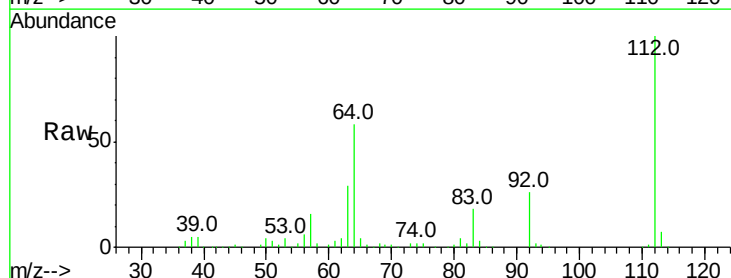
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



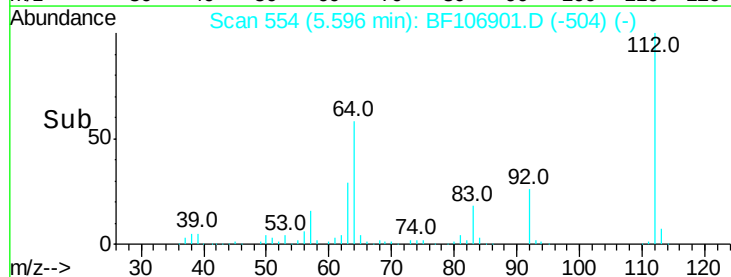
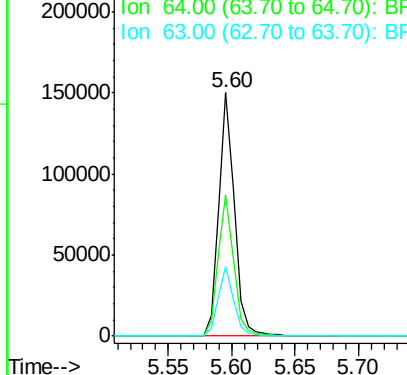
#5

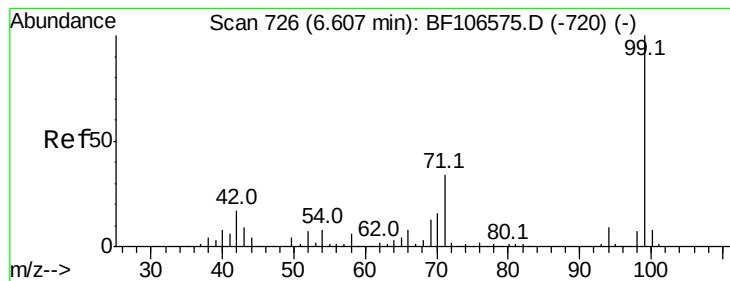
2-Fluorophenol
Concen: 50.100 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106901.D
Acq: 28 Jun 2018 5:07

Tgt Ion:112 Resp: 132587
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 28.7 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: 30.158 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106901.D

Acq: 28 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

W-20

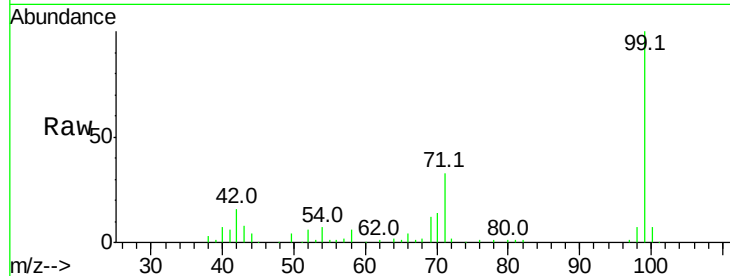
Tot Ion: 99 Resp: 99670

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

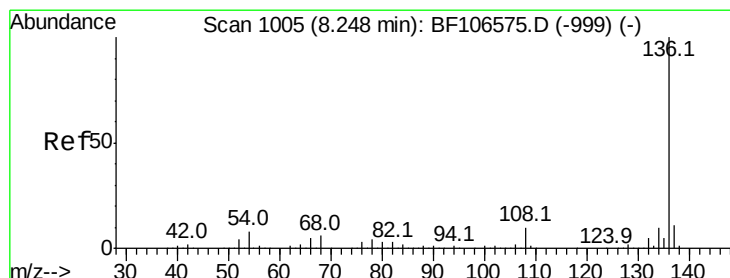
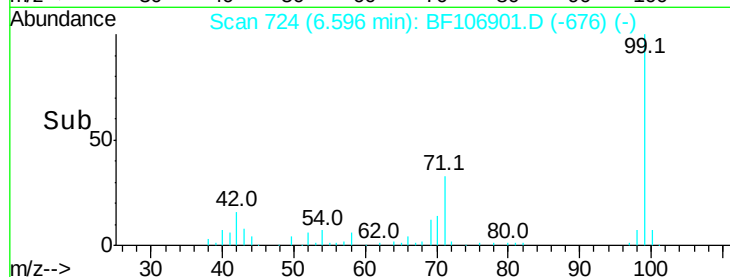
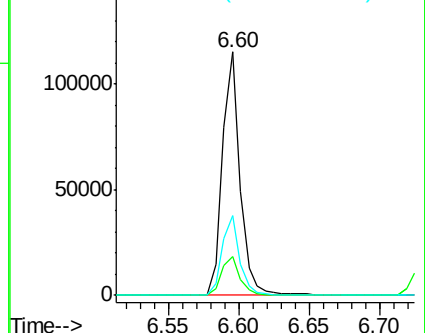
71 32.7 25.4 38.0



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: BF106901.D

Acq: 28 Jun 2018 5:07

Tgt Ion: 136 Resp: 155036

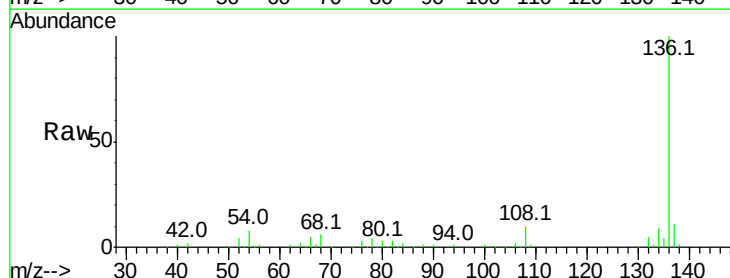
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.8 6.6 9.8

68 5.8 5.0 7.4

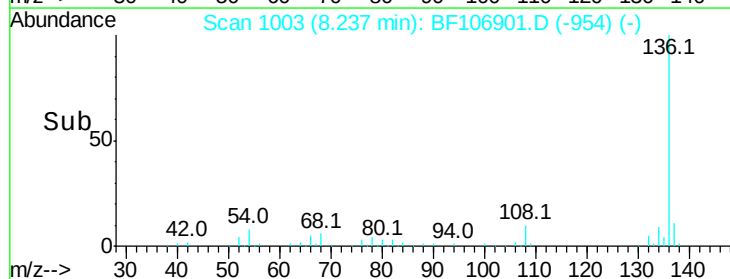
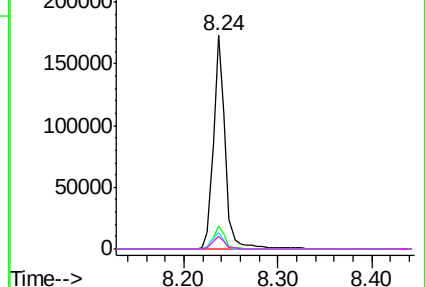


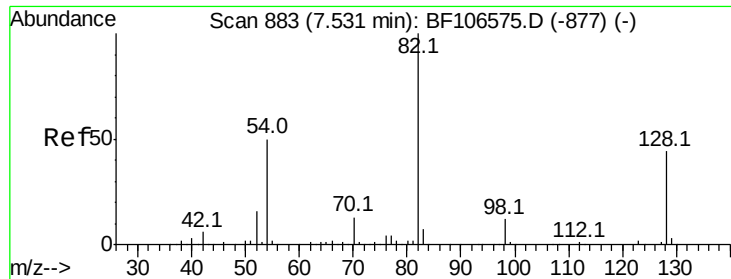
Abundance Ion 136.00 (135.70 to 136.70): E

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

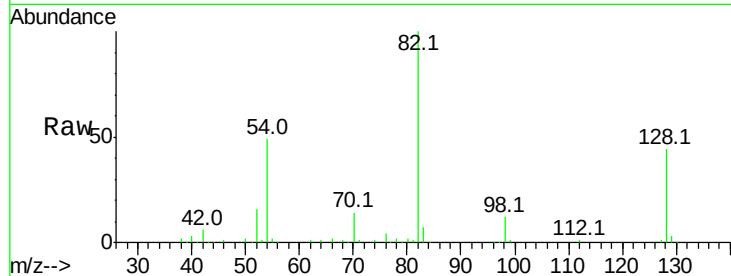




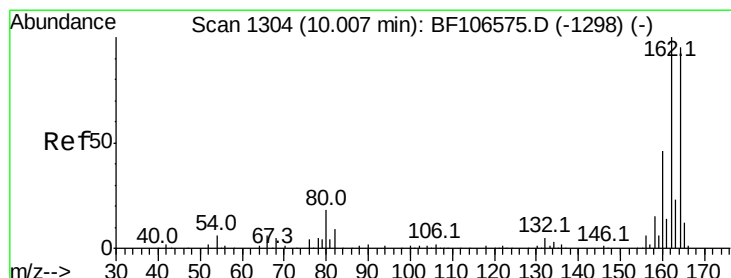
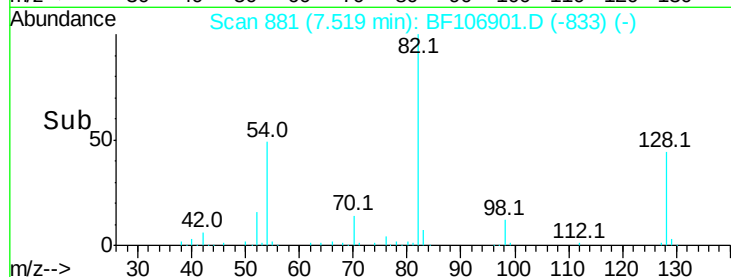
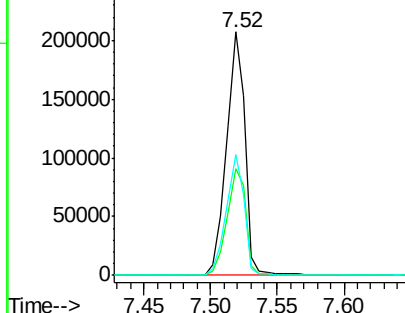
#23
 Nitrobenzene-d5
 Concen: 73.062 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106901.D
 Acq: 28 Jun 2018 5:07

Instrument :
 BNA_F
 ClientSampleId :
 W-20

Tot Ion	82	Resp	203824
Ion Ratio	Lower	Upper	
82	100		
128	43.9	36.1	54.1
54	49.4	41.4	62.2

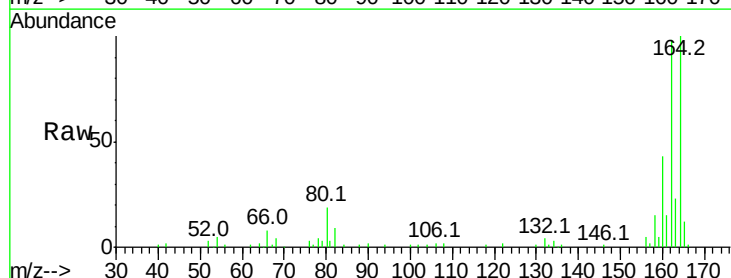


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

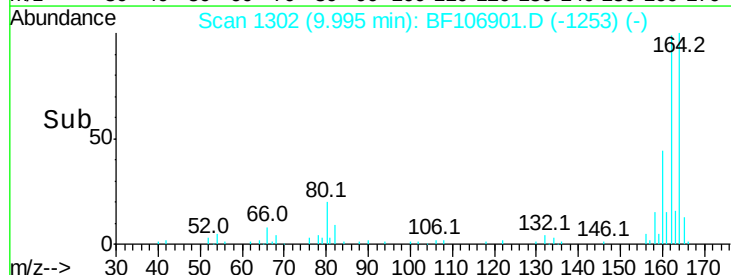
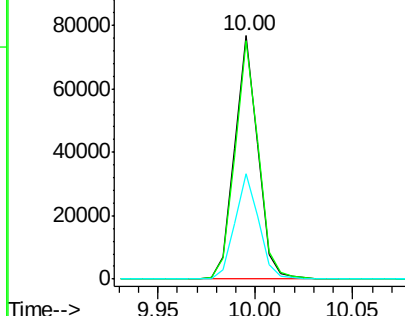


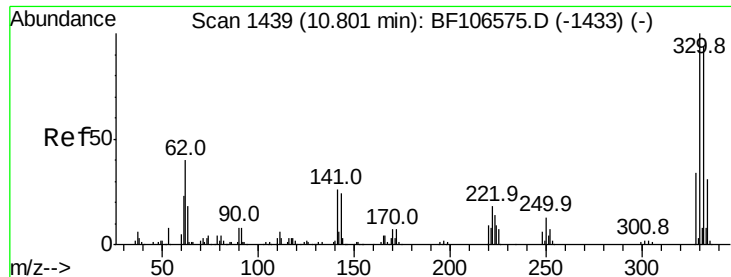
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106901.D
 Acq: 28 Jun 2018 5:07

Tgt Ion	164	Resp	63254
Ion Ratio	Lower	Upper	
164	100		
162	97.9	86.1	129.1
160	43.2	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

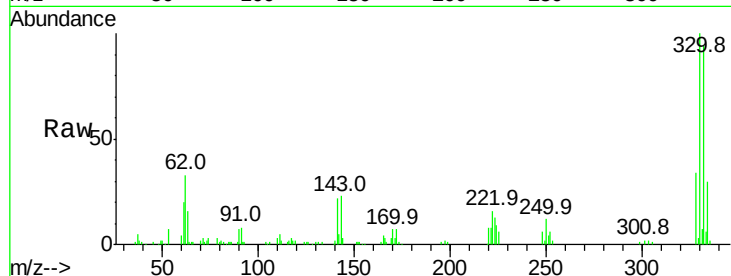




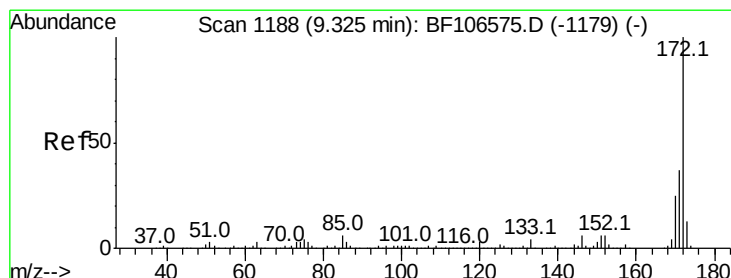
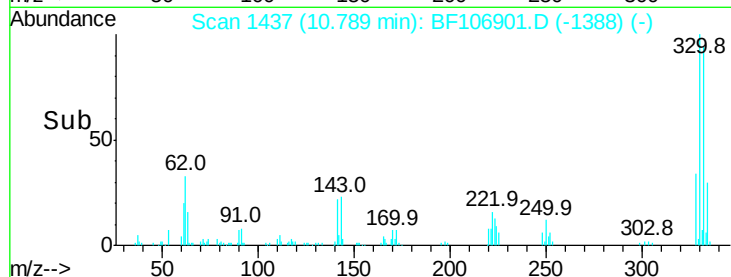
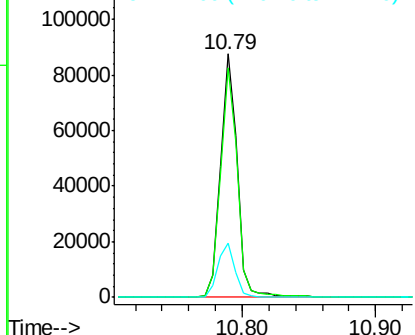
#41
 2,4,6-Tribromophenol
 Concen: 105.631 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106901.D
 Acq: 28 Jun 2018 5:07

Instrument :
 BNA_F
 ClientSampled :
 W-20

Tot Ion:330 Resp: 77441
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 22.9 29.9 44.9#

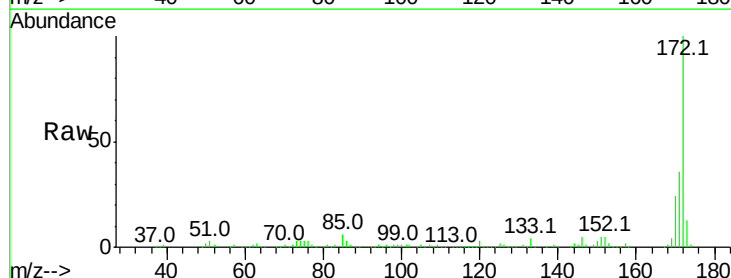


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

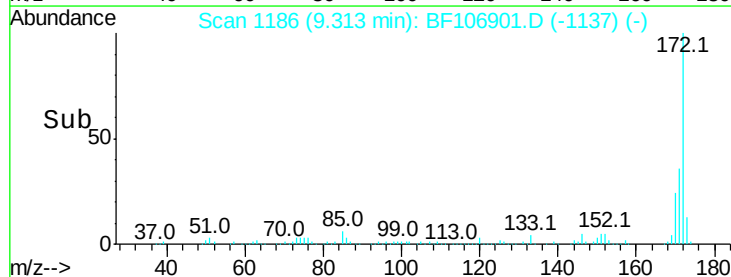
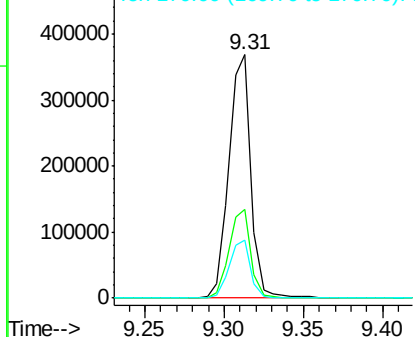


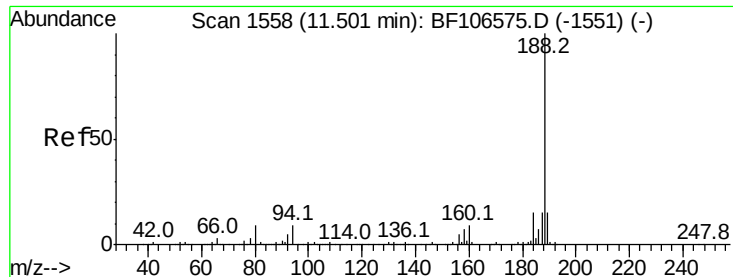
#44
 2-Fluorobiphenyl
 Concen: 96.599 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106901.D
 Acq: 28 Jun 2018 5:07

Tgt Ion:172 Resp: 353470
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.0 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: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106901.D

Acq: 28 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

W-20

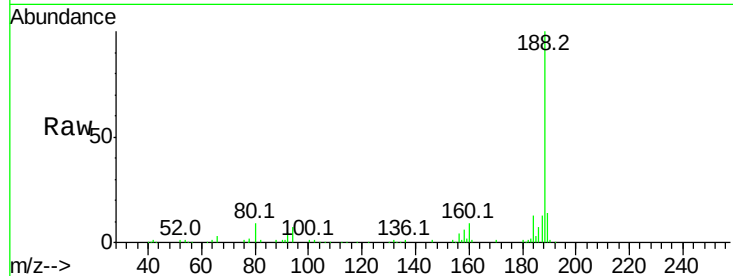
Tot Ion:188 Resp: 111839

Ion Ratio Lower Upper

188 100

94 7.4 8.5 12.7#

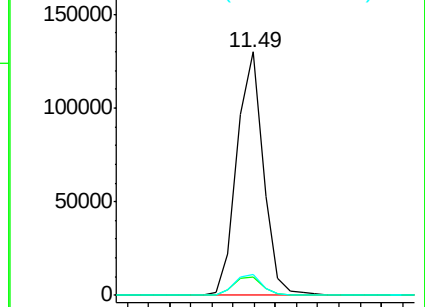
80 8.8 9.2 13.8#



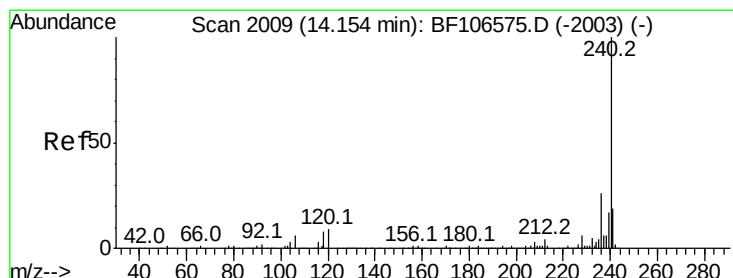
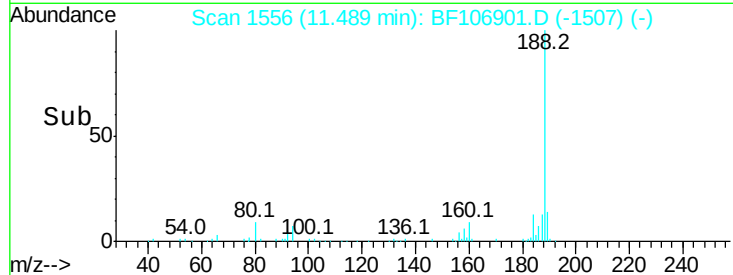
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106901.D

Acq: 28 Jun 2018 5:07

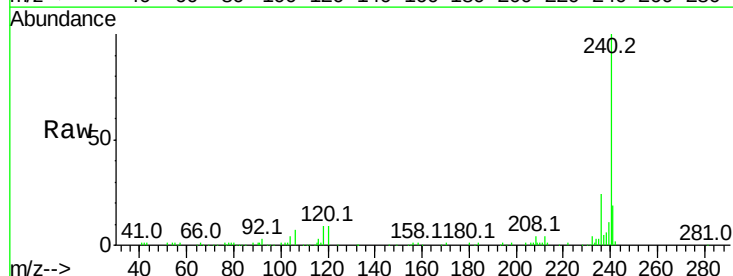
Tgt Ion:240 Resp: 131669

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

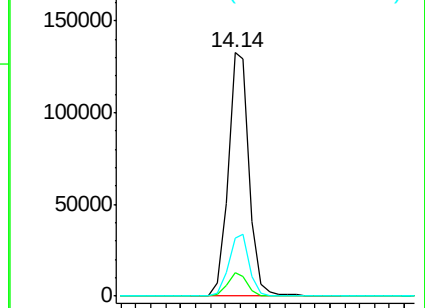
236 24.0 20.7 31.1



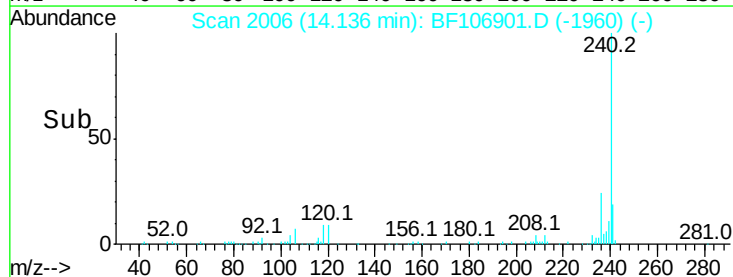
Abundance Ion 240.00 (239.70 to 240.70): E

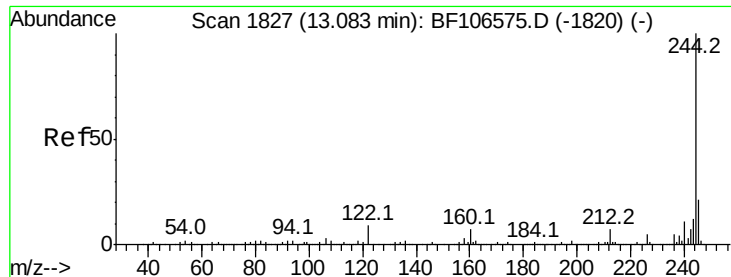
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 74.425 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106901.D

Acq: 28 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

W-20

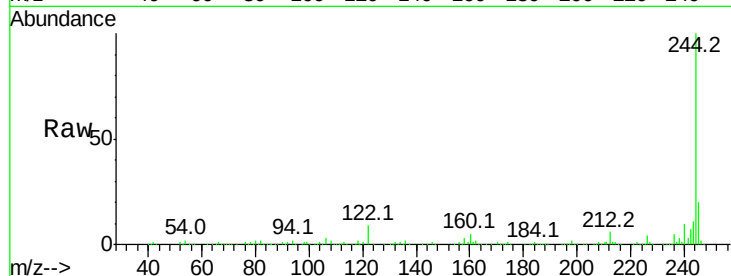
Tot Ion:244 Resp: 404554

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

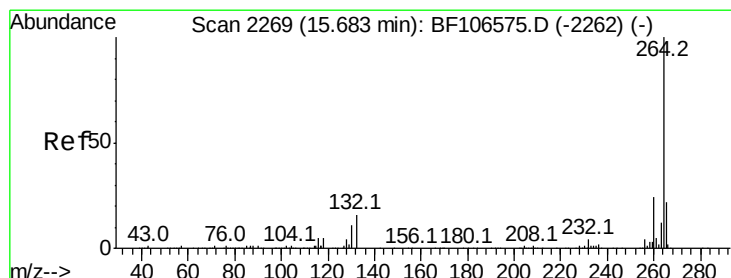
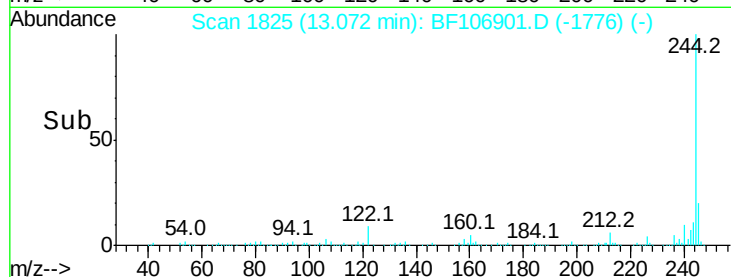
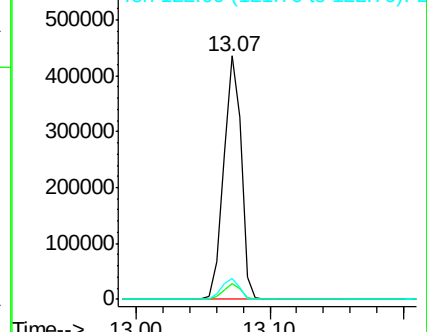
122 8.8 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF106901.D

Acq: 28 Jun 2018 5:07

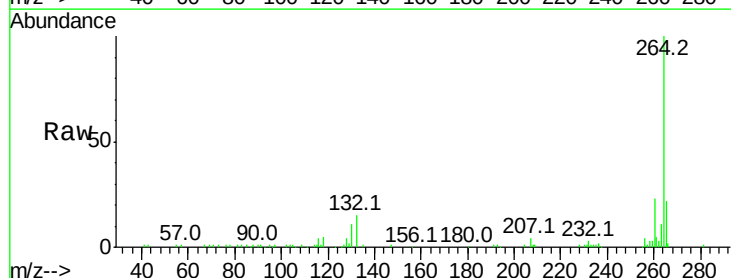
Tgt Ion:264 Resp: 93382

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 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

