

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106853.D
 Acq On : 27 Jun 2018 5:33
 Operator : JU/SJ
 Sample : J3639-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 062018-DBRI-E-U-S

Quant Time: Jun 27 06:45:50 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

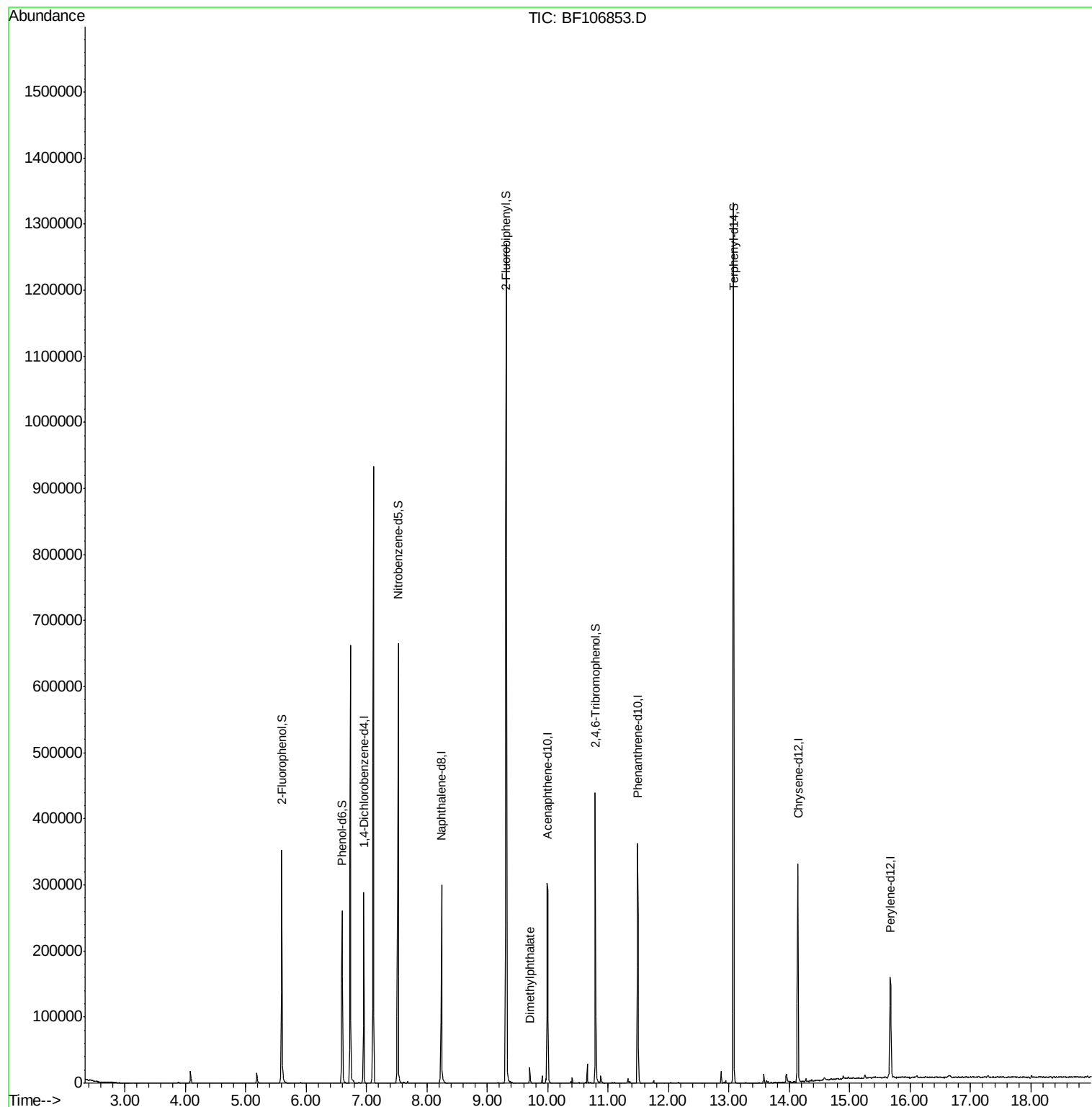
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	44476	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	155420	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	70912	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	140416	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	133986	20.00	ng	-0.02
86) Perylene-d12	15.67	264	91493	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	103927	39.57	ng	0.00
7) Phenol-d6	6.60	99	84101	25.64	ng	-0.02
23) Nitrobenzene-d5	7.52	82	234929	84.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	65689	79.92	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	433436	107.33	ng	-0.01
78) Terphenyl-d14	13.08	244	517136	93.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	13561	2.550	ng	Qvalue # 99

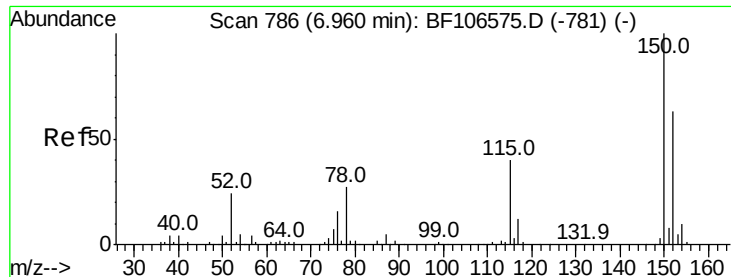
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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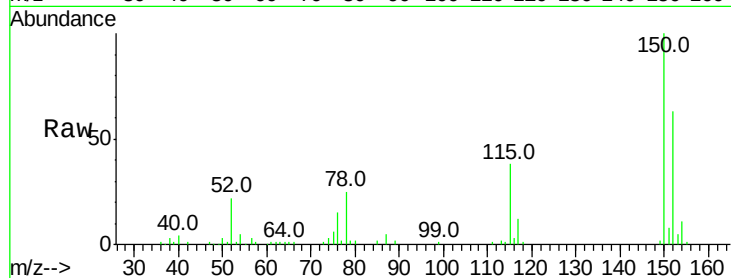


#1

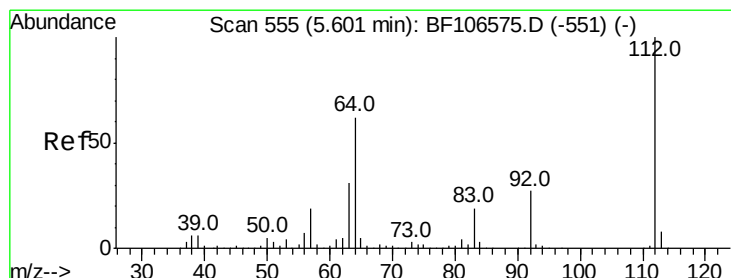
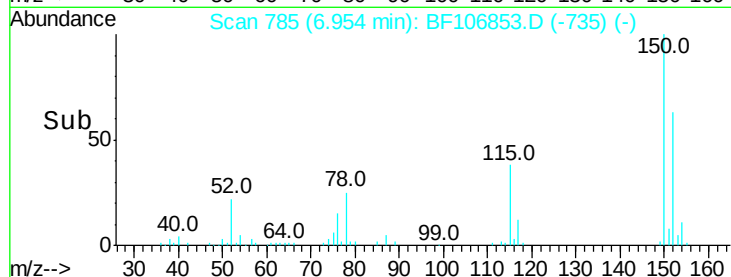
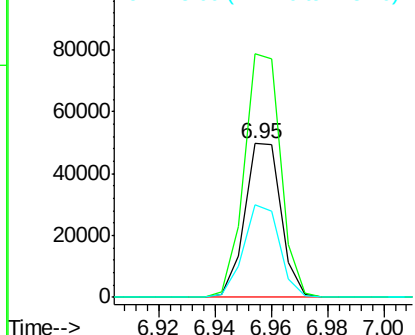
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106853.D
Acq: 27 Jun 2018 5:33

Instrument :
BNA_F
ClientSampleId :
062018-DBRI-E-U-S

Tot Ion:152 Resp: 44476
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 60.7 50.1 75.1



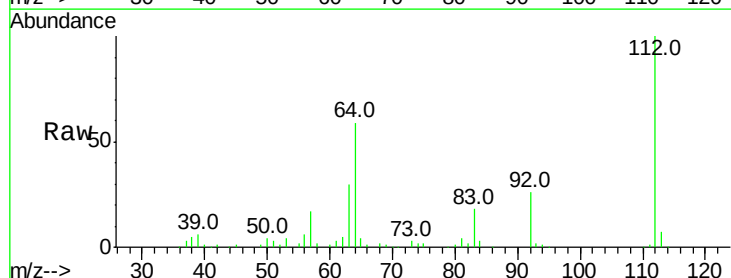
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



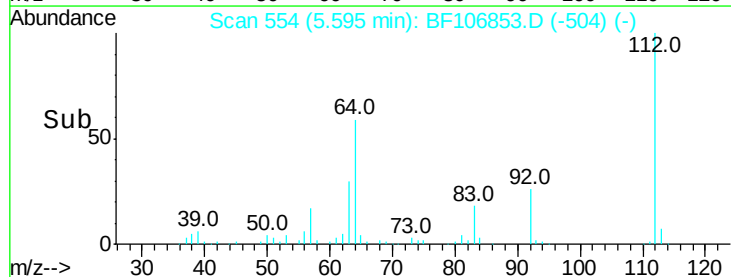
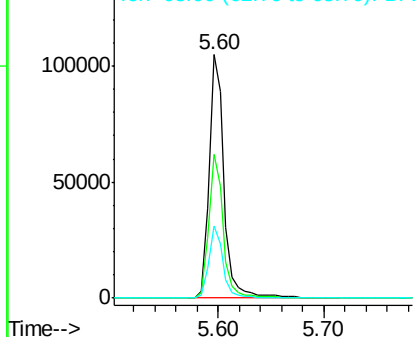
#5

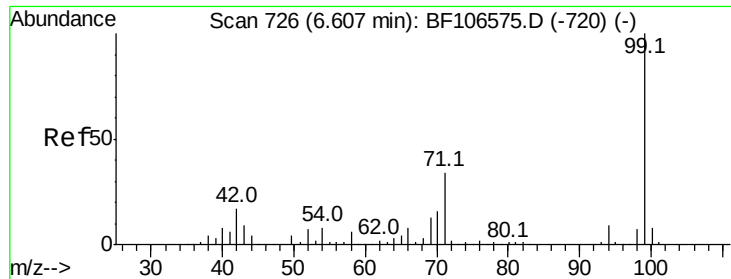
2-Fluorophenol
Concen: 39.568 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106853.D
Acq: 27 Jun 2018 5:33

Tgt Ion:112 Resp: 103927
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 29.6 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: 25.640 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106853.D

Acq: 27 Jun 2018 5:33

Instrument :

BNA_F

ClientSampleId :

062018-DBRI-E-U-S

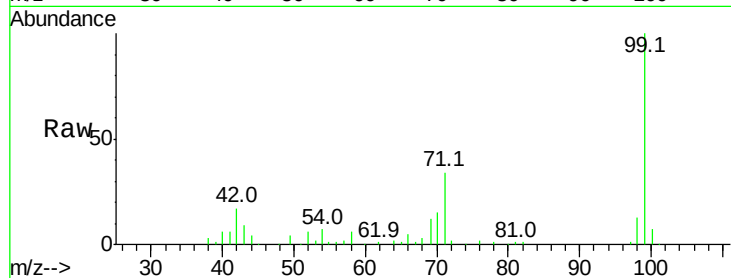
Tot Ion: 99 Resp: 84101

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

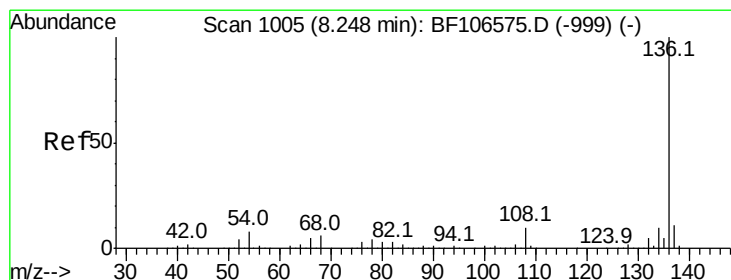
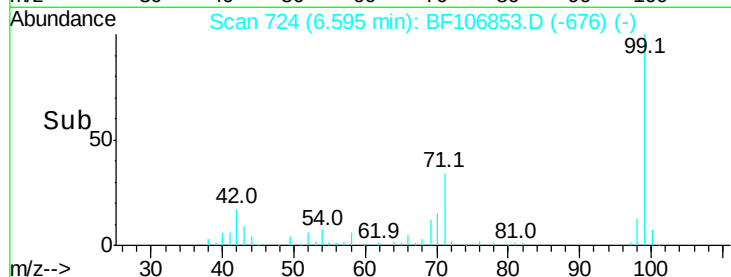
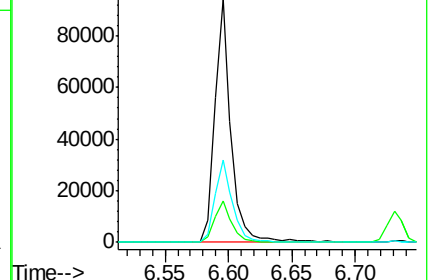
71 34.0 25.4 38.0



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# 1004

Delta R.T. -0.01 min

Lab File: BF106853.D

Acq: 27 Jun 2018 5:33

Tgt Ion: 136 Resp: 155420

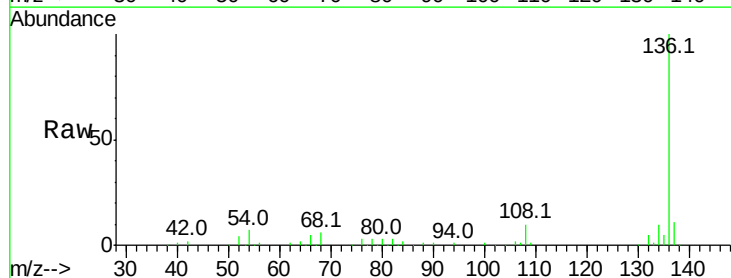
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.2 6.6 9.8

68 6.0 5.0 7.4

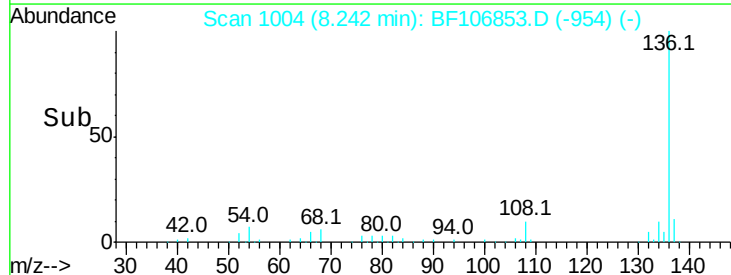
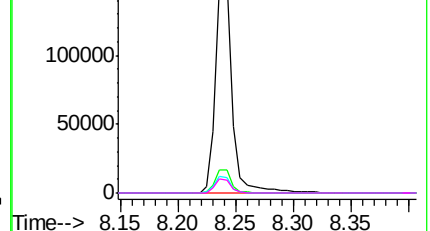


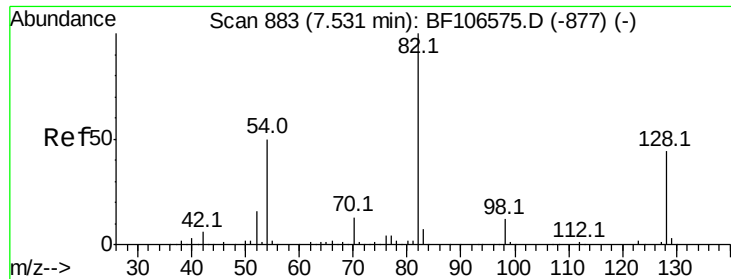
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.004 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106853.D

Acq: 27 Jun 2018 5:33

Instrument :

BNA_F

ClientSampleId :

062018-DBRI-E-U-S

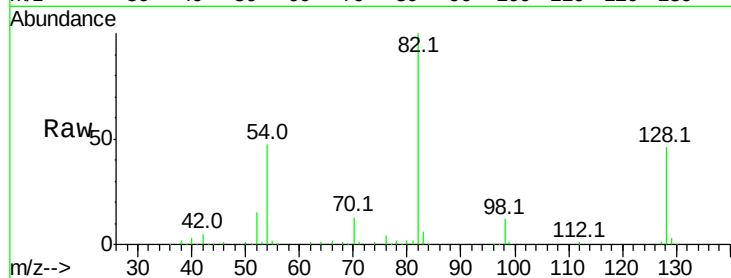
Tot Ion: 82 Resp: 234929

Ion Ratio Lower Upper

82 100

128 46.3 36.1 54.1

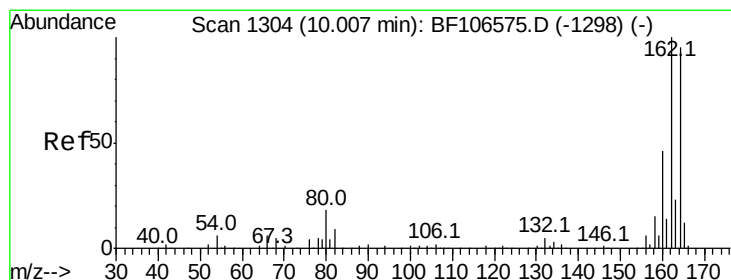
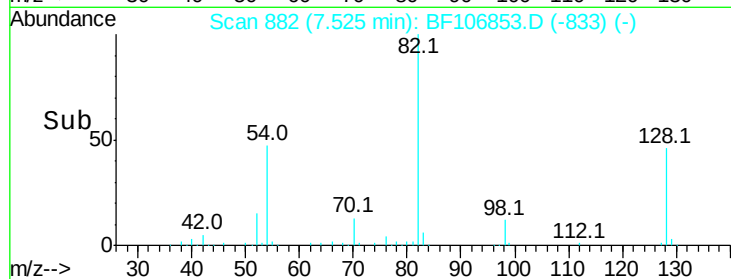
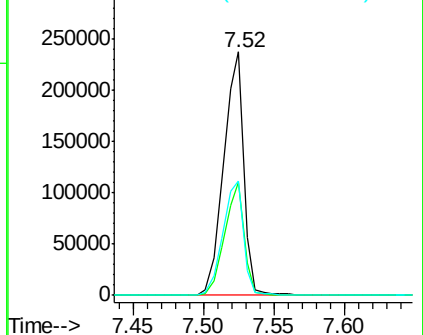
54 46.8 41.4 62.2



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: BF106853.D

Acq: 27 Jun 2018 5:33

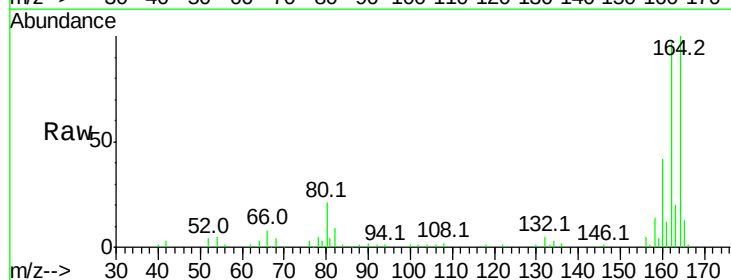
Tgt Ion: 164 Resp: 70912

Ion Ratio Lower Upper

164 100

162 96.9 86.1 129.1

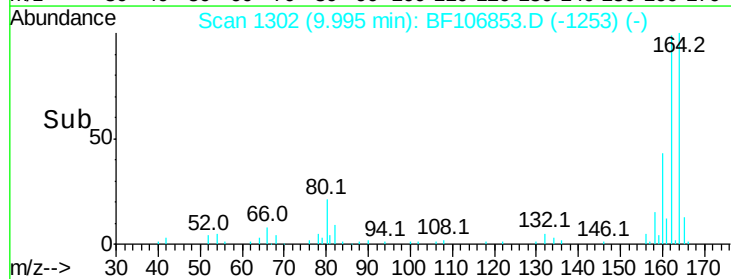
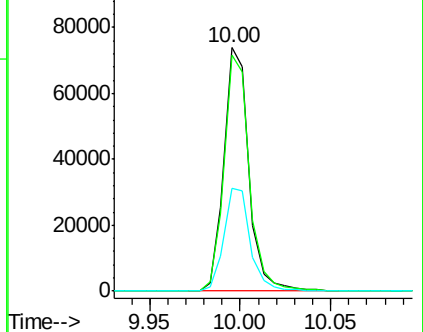
160 42.4 38.3 57.5

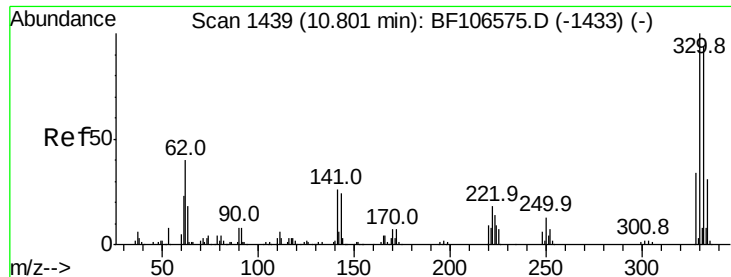


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

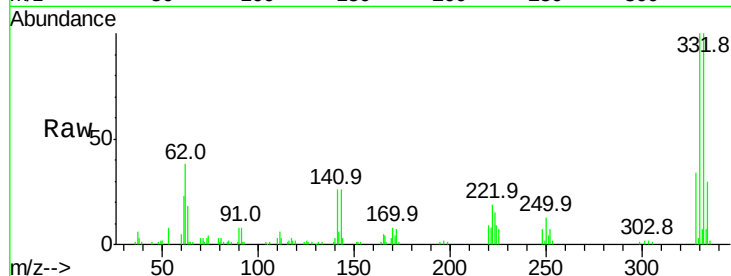




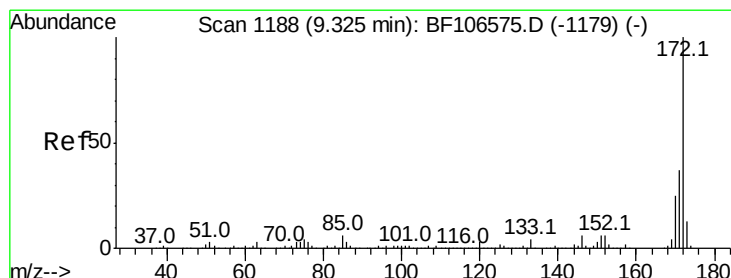
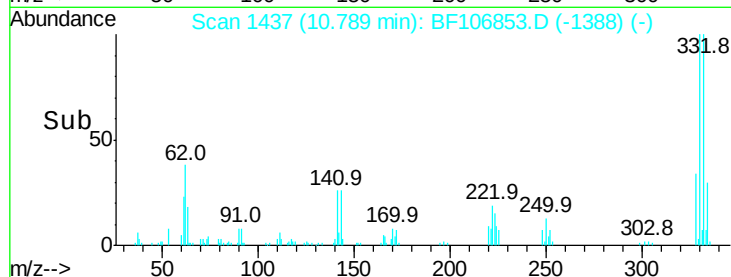
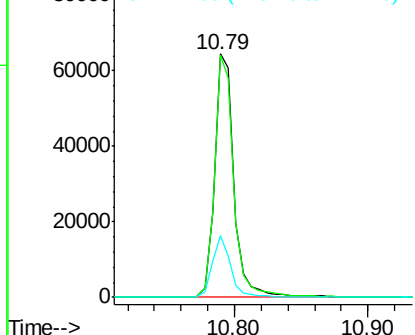
#41
 2,4,6-Tribromophenol
 Concen: 79.924 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106853.D
 Acq: 27 Jun 2018 5:33

Instrument :
 BNA_F
 ClientSampleId :
 062018-DBRI-E-U-S

Tot Ion:330 Resp: 65689
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 23.8 29.9 44.9#

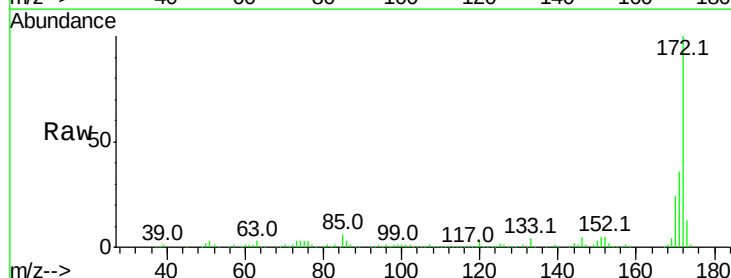


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

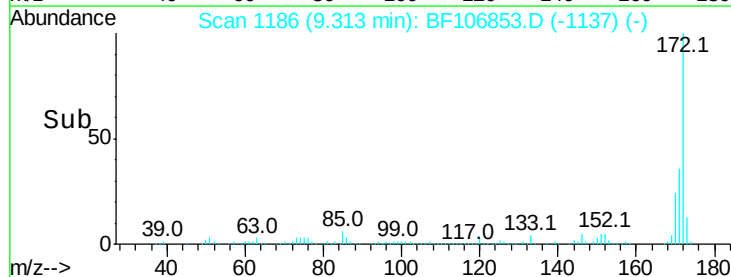
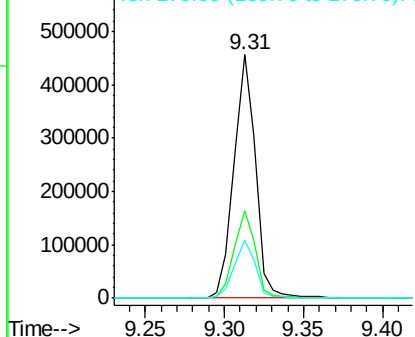


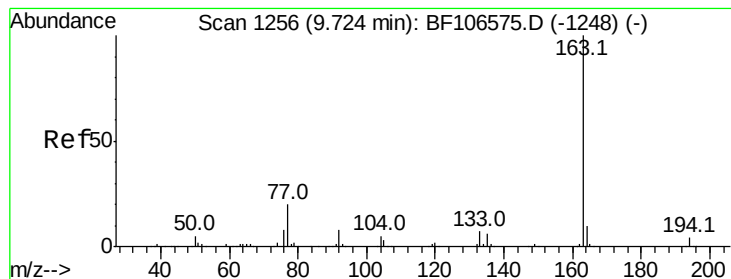
#44
 2-Fluorobiphenyl
 Concen: 107.334 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106853.D
 Acq: 27 Jun 2018 5:33

Tgt Ion:172 Resp: 433436
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 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





#49

Dimethylphthalate

Concen: 2.550 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106853.D

Acq: 27 Jun 2018 5:33

Instrument :

BNA_F

ClientSampleId :

062018-DBRI-E-U-S

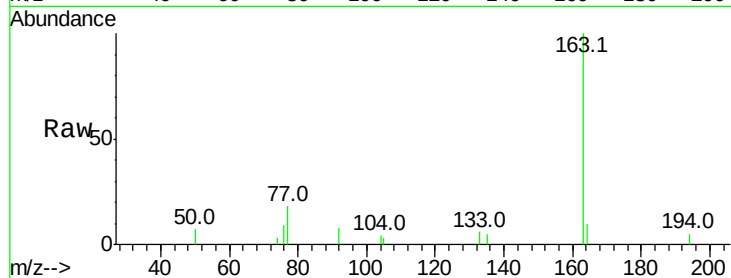
Tot Ion:163 Resp: 13561

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

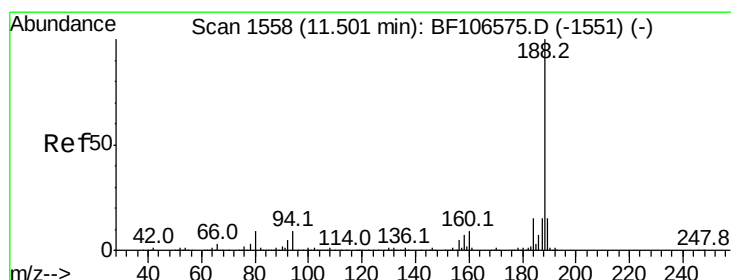
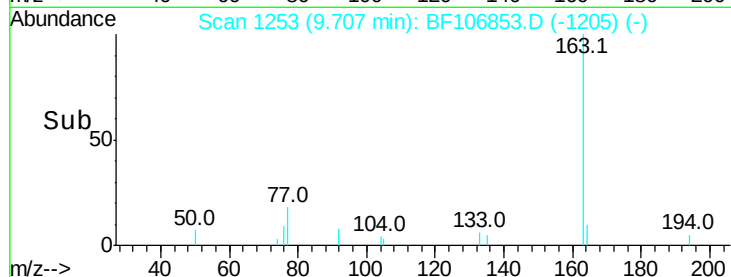
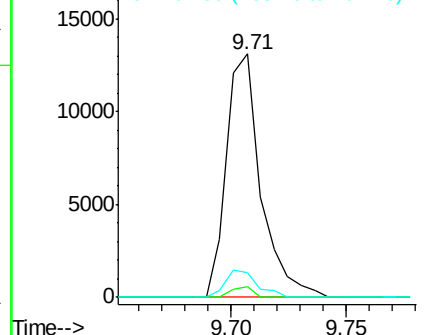
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106853.D

Acq: 27 Jun 2018 5:33

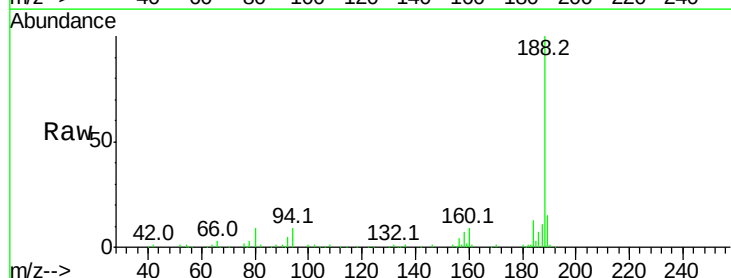
Tgt Ion:188 Resp: 140416

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

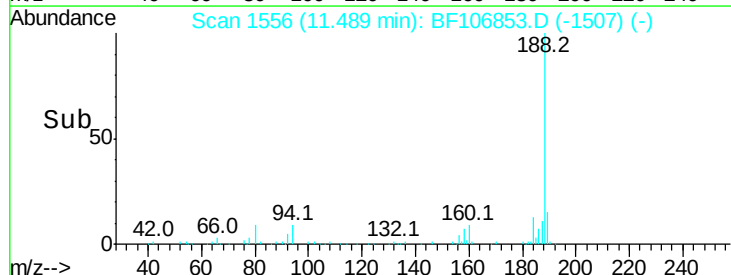
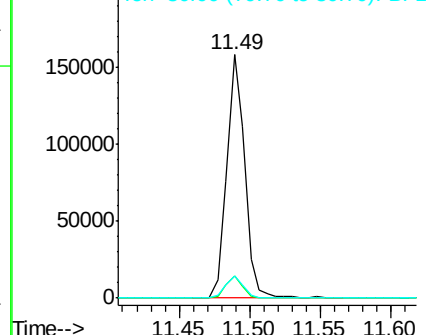
80 9.4 9.2 13.8

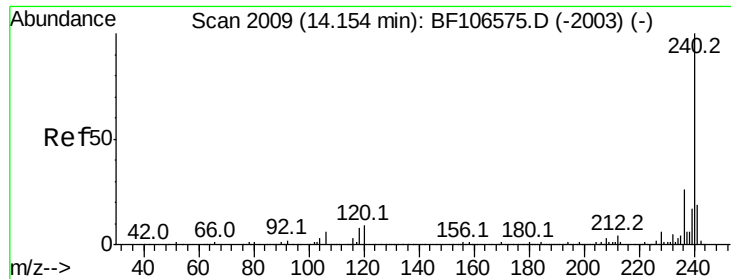


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

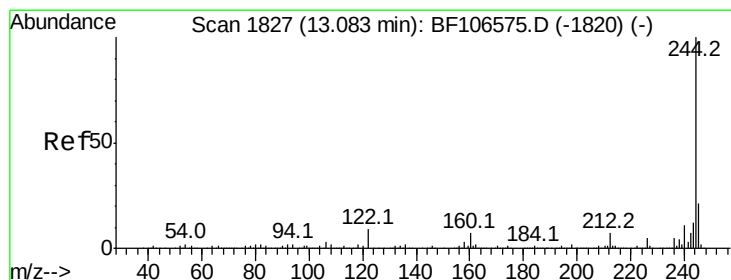
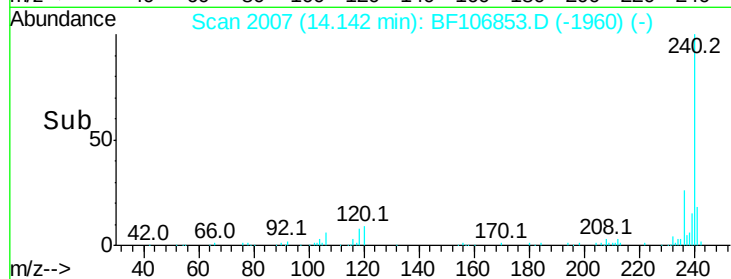
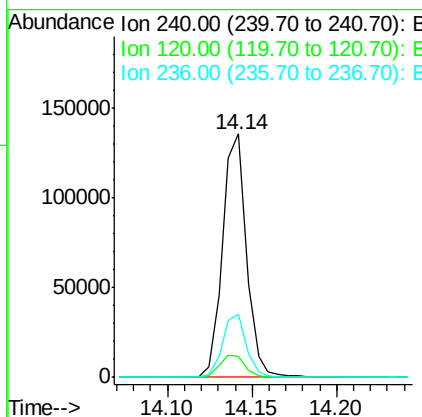
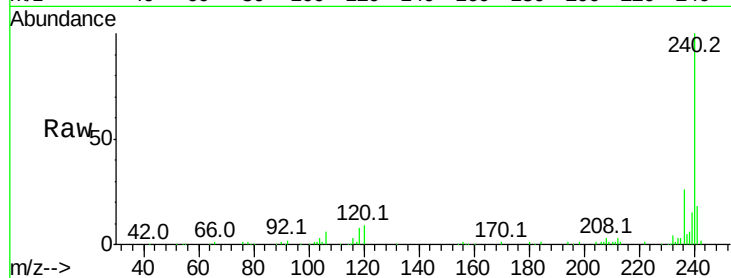




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF106853.D
 Acq: 27 Jun 2018 5:33

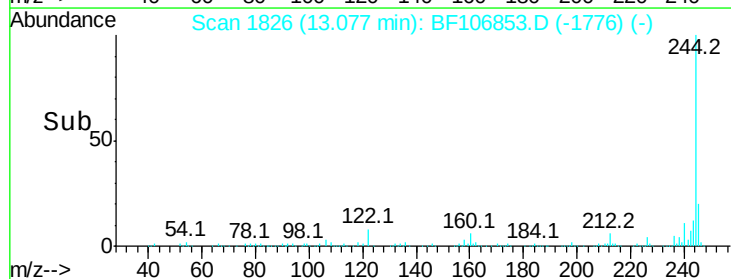
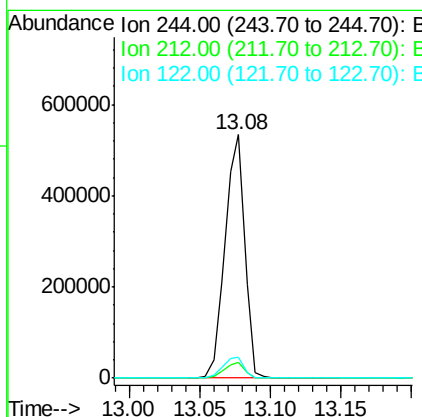
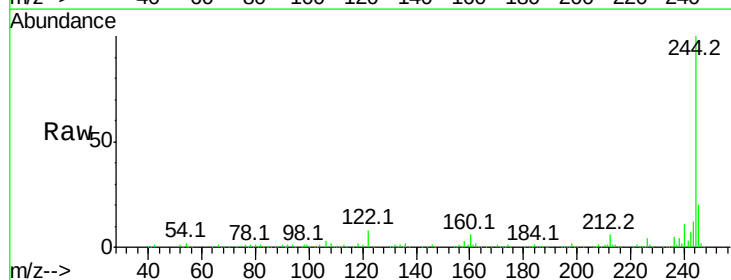
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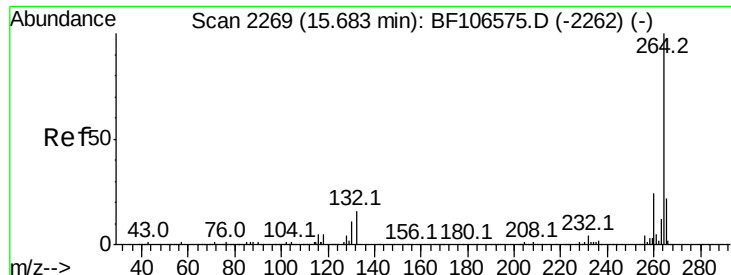
Tot Ion:240 Resp: 133986
 Ion Ratio Lower Upper
 240 100
 120 8.5 9.5 14.3#
 236 26.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 93.492 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106853.D
 Acq: 27 Jun 2018 5:33

Tgt Ion:244 Resp: 517136
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.4 11.0 16.4#

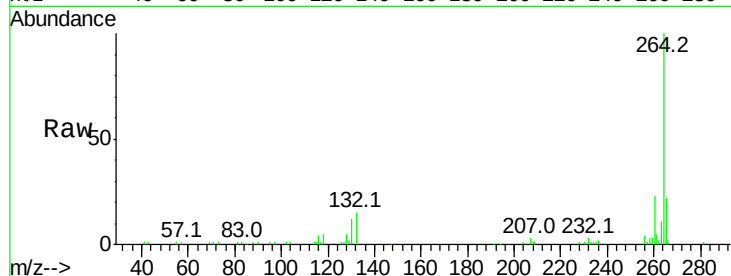




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF106853.D
 Acq: 27 Jun 2018 5:33

Instrument :
 BNA_F
 ClientSampleId :
 062018-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

