

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106721.D
 Acq On : 22 Jun 2018 21:02
 Operator : JU/SJ
 Sample : J3252-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-062118

Quant Time: Jun 22 23:36:19 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 22 11:34:03 2018
 Response via : Initial Calibration

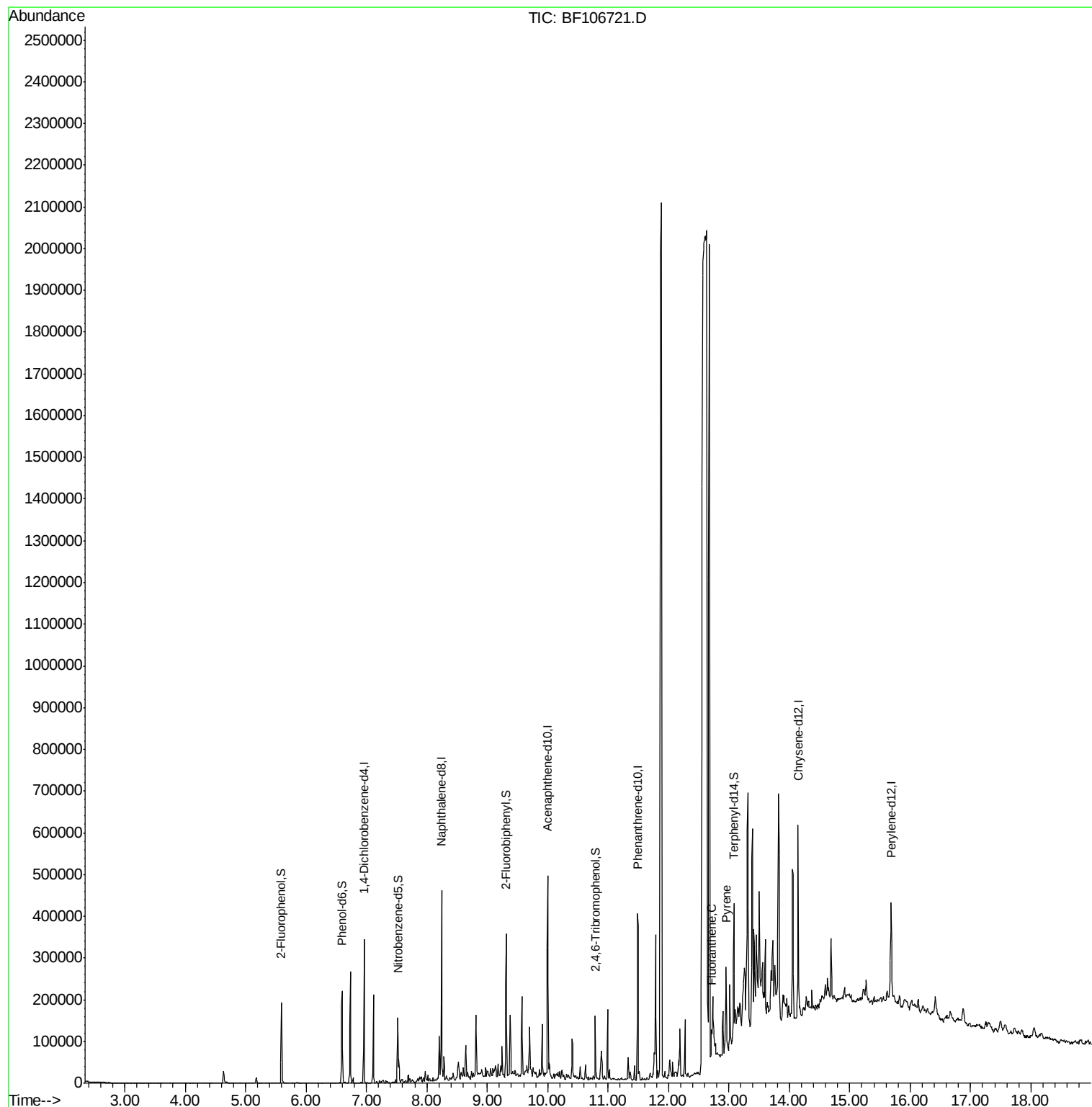
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	49688	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	191546	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	88458	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	155356	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	151733	20.00	ng	0.00
86) Perylene-d12	15.69	264	115462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	58968	20.10	ng	0.00
7) Phenol-d6	6.60	99	75852	20.70	ng	-0.01
23) Nitrobenzene-d5	7.52	82	45772	13.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	18307	17.86	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	94788	4.10	ng	-0.01
78) Terphenyl-d14	13.08	244	97770	15.61	ng	0.00
Target Compounds						
74) Fluoranthene	12.71	202	18995	2.300	ng	98
77) Pyrene	12.95	202	23723	2.371	ng	97

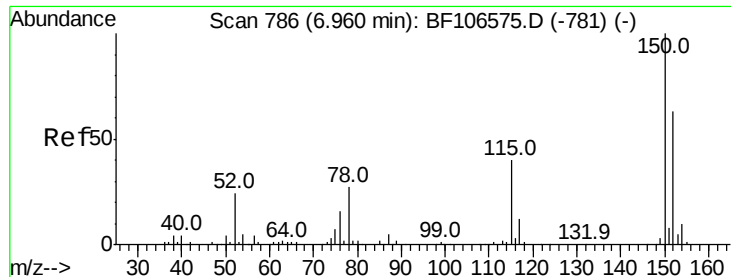
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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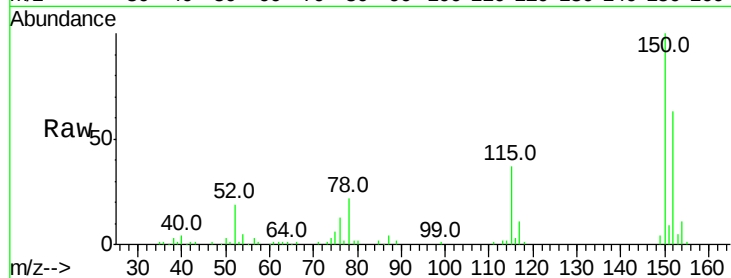


#1

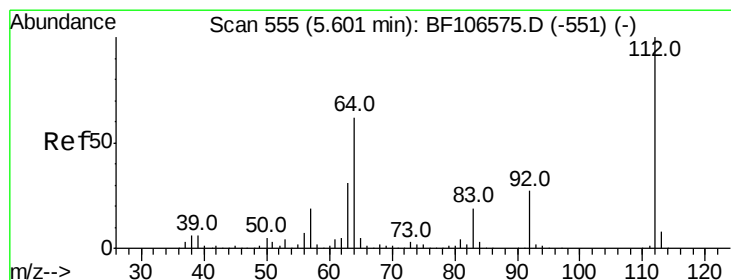
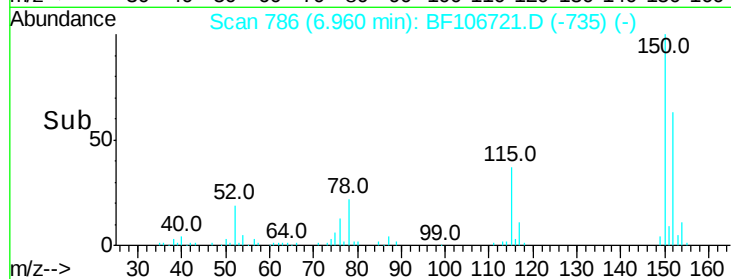
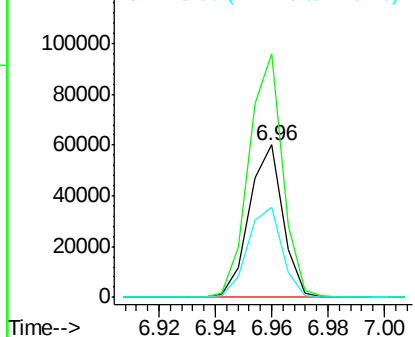
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF106721.D
 Acq: 22 Jun 2018 21:02

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-062118

Tot Ion:152 Resp: 49688
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 59.2 50.1 75.1



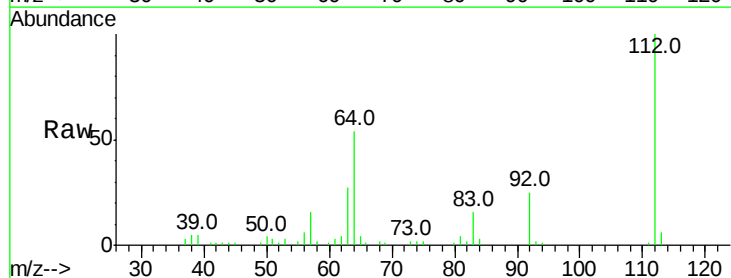
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



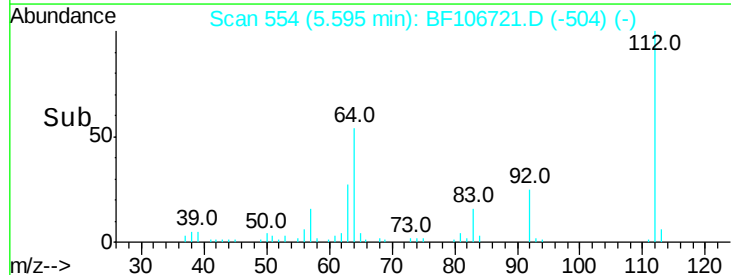
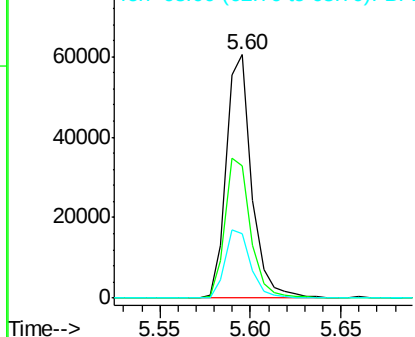
#5

2-Fluorophenol
 Concen: 20.096 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106721.D
 Acq: 22 Jun 2018 21:02

Tgt Ion:112 Resp: 58968
 Ion Ratio Lower Upper
 112 100
 64 54.4 47.9 71.9
 63 26.6 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: 20.699 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106721.D

Acq: 22 Jun 2018 21:02

Instrument :

BNA_F

ClientSampleId :

TR-05-062118

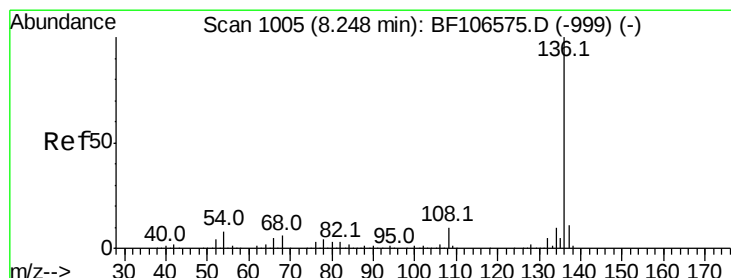
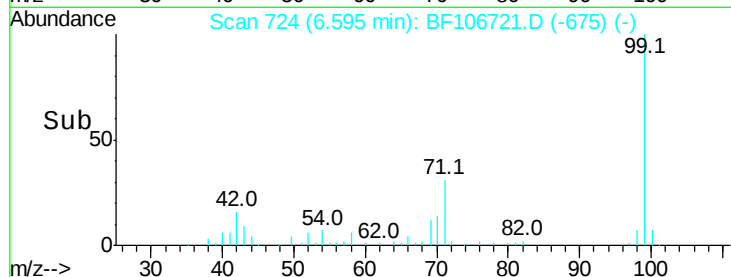
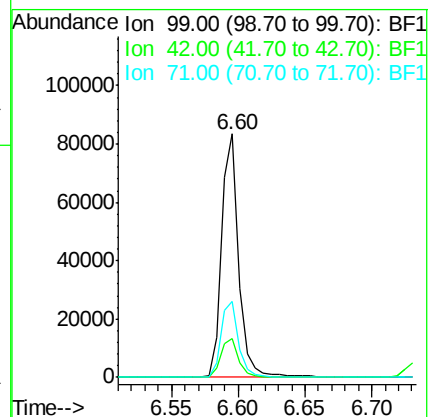
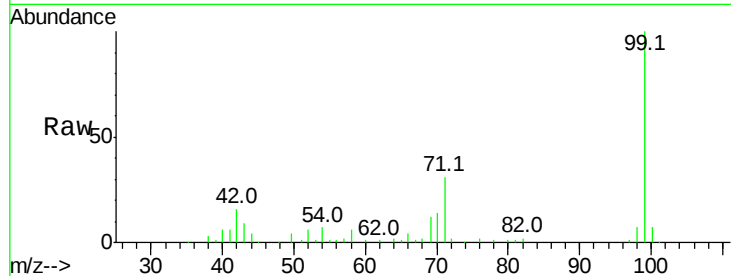
Tot Ion: 99 Resp: 75852

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

71 31.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106721.D

Acq: 22 Jun 2018 21:02

Tgt Ion: 136 Resp: 191546

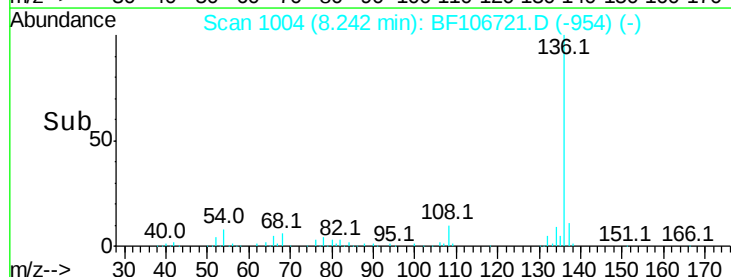
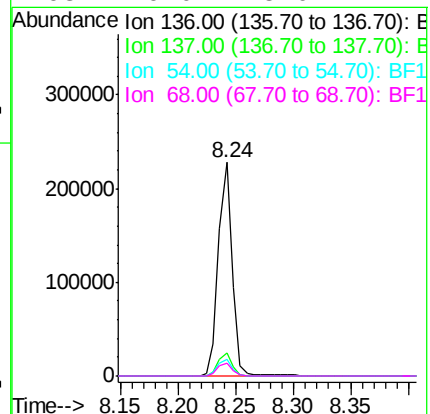
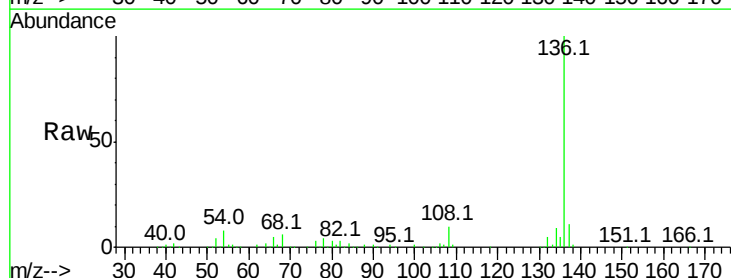
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.0 6.6 9.8

68 6.0 5.0 7.4

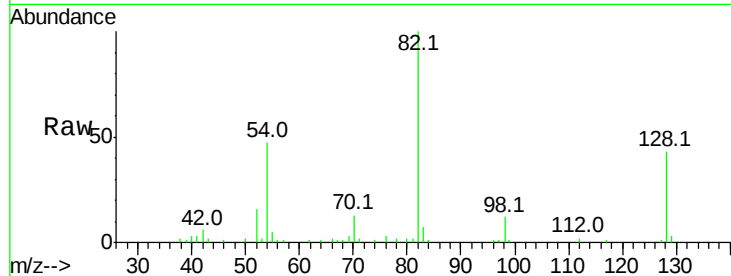




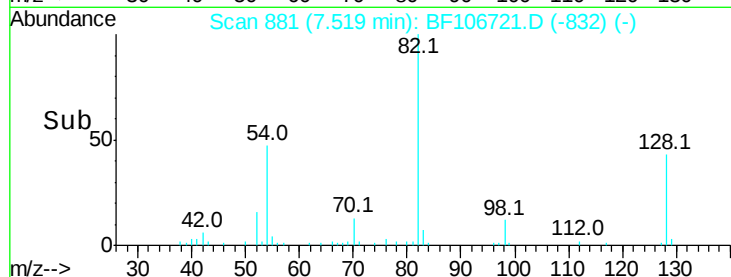
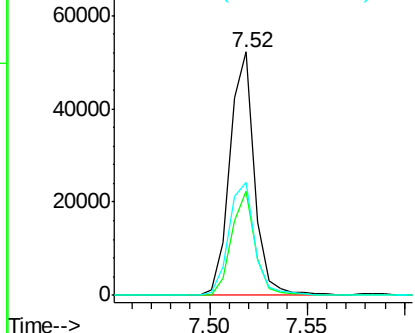
#23
 Nitrobenzene-d5
 Concen: 13.280 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF106721.D
 Acq: 22 Jun 2018 21:02

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-062118

Tot Ion: 82 Resp: 45772
 Ion Ratio Lower Upper
 82 100
 128 42.9 36.1 54.1
 54 46.6 41.4 62.2

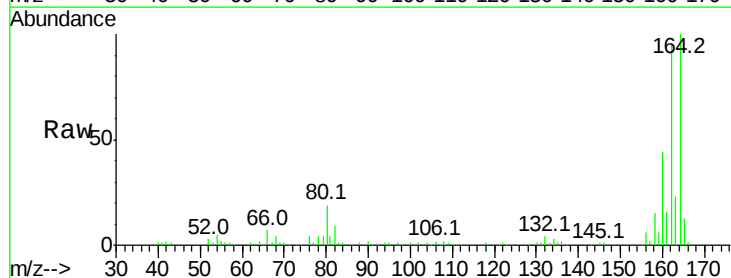


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

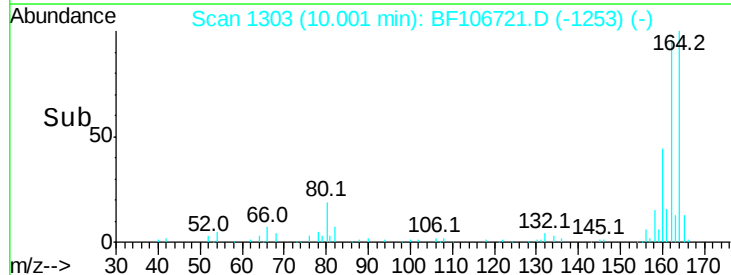
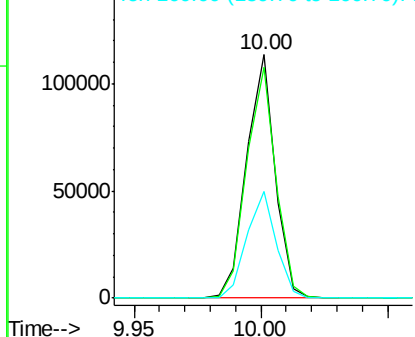


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106721.D
 Acq: 22 Jun 2018 21:02

Tgt Ion:164 Resp: 88458
 Ion Ratio Lower Upper
 164 100
 162 95.0 86.1 129.1
 160 43.7 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

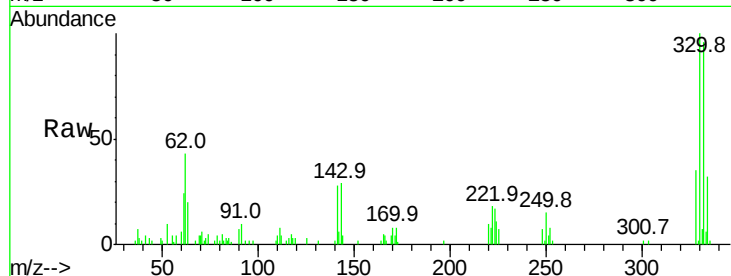




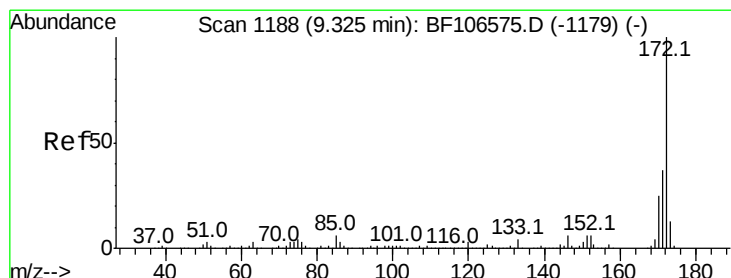
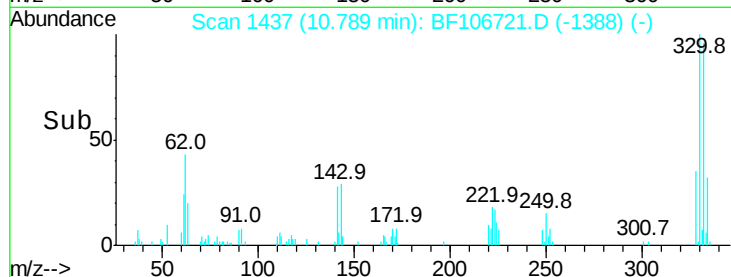
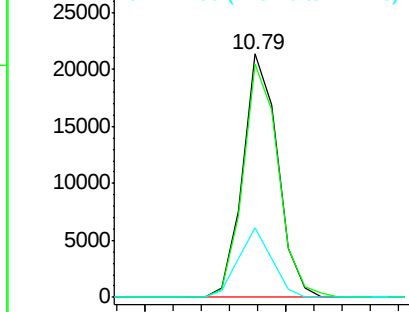
#41
 2,4,6-Tribromophenol
 Concen: 17.856 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106721.D
 Acq: 22 Jun 2018 21:02

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-062118

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	27.1	29.9	44.9#

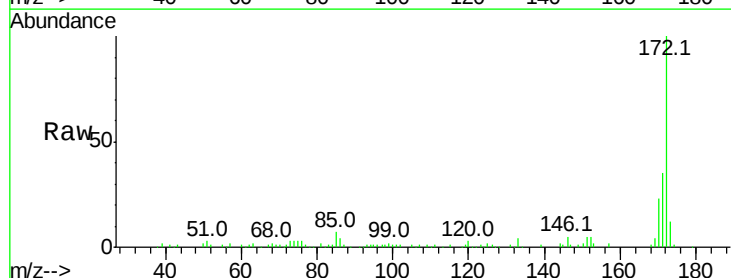


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

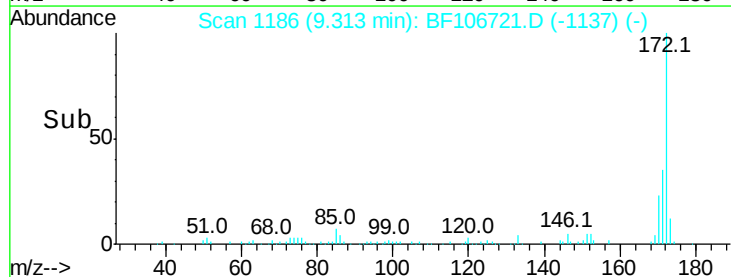
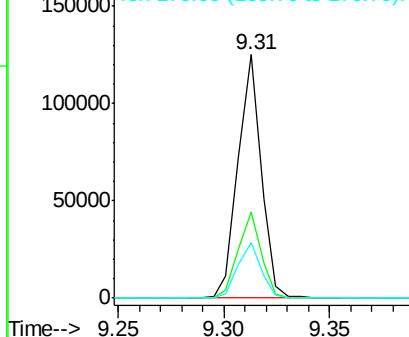


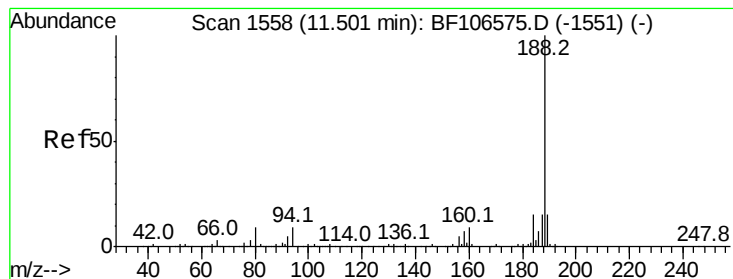
#44
 2-Fluorobiphenyl
 Concen: 4.097 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106721.D
 Acq: 22 Jun 2018 21:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	22.7	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: BF106721.D

Acq: 22 Jun 2018 21:02

Instrument :

BNA_F

ClientSampleId :

TR-05-062118

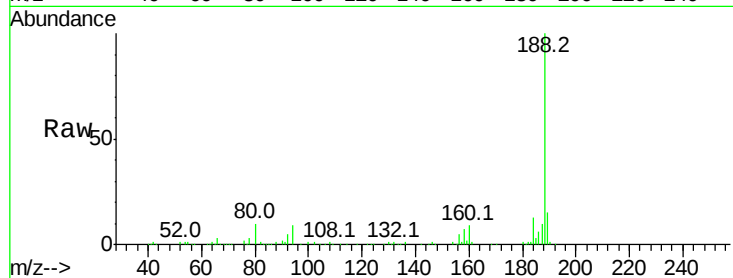
Tot Ion:188 Resp: 155356

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

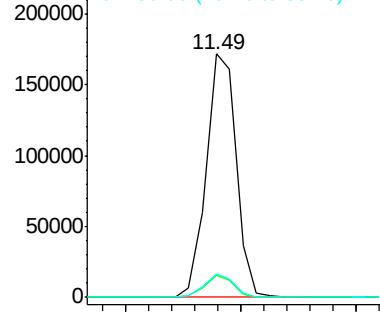
80 9.9 9.2 13.8



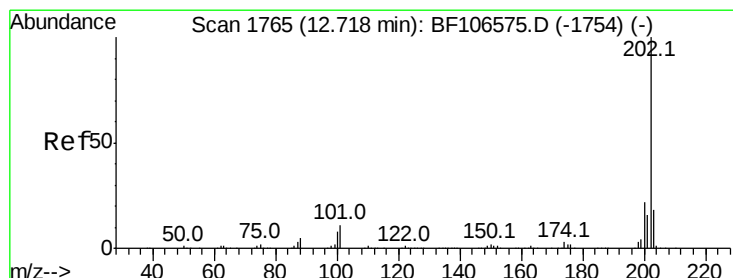
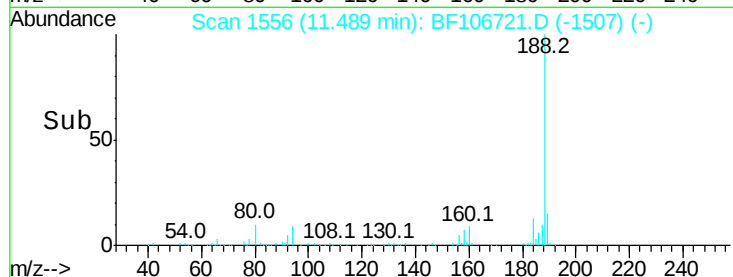
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#74

Fluoranthene

Concen: 2.300 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106721.D

Acq: 22 Jun 2018 21:02

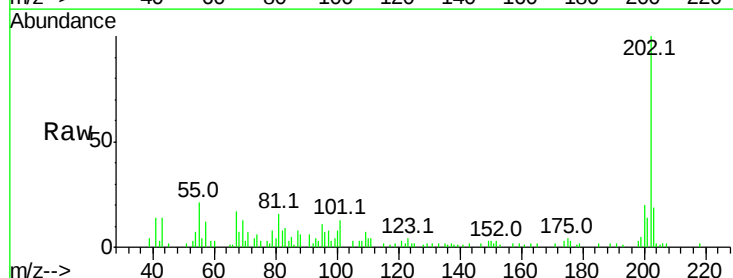
Tgt Ion:202 Resp: 18995

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

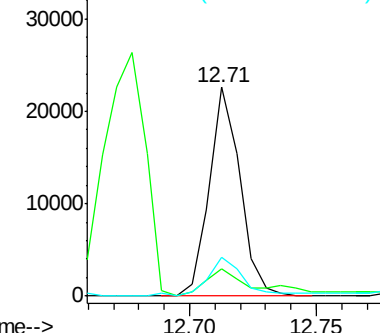
203 18.6 0.0 38.1



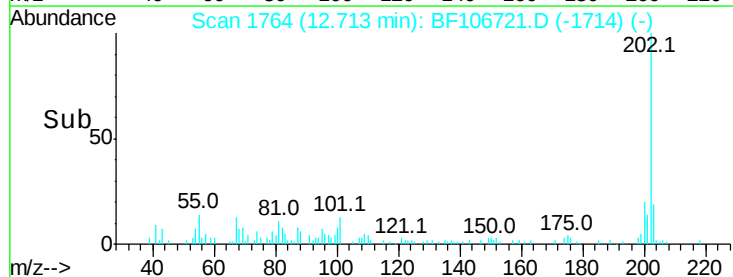
Abundance Ion 202.00 (201.70 to 202.70): E

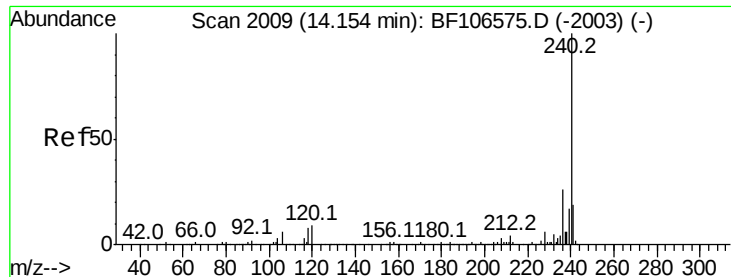
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106721.D

Acq: 22 Jun 2018 21:02

Instrument :

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ClientSampleId :

TR-05-062118

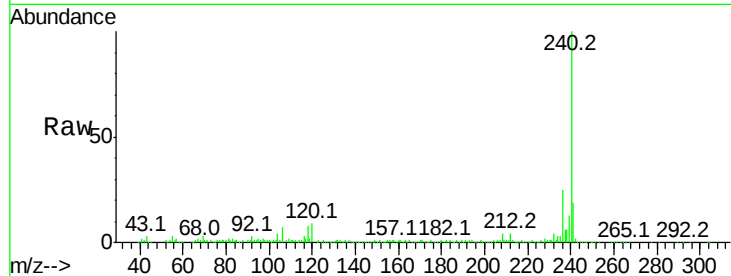
Tot Ion:240 Resp: 151733

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

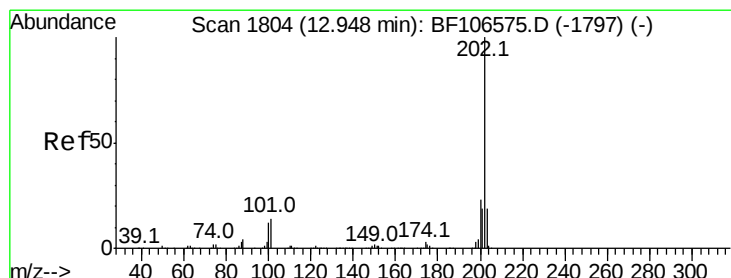
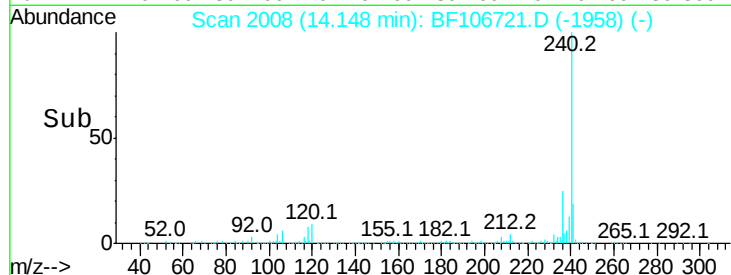
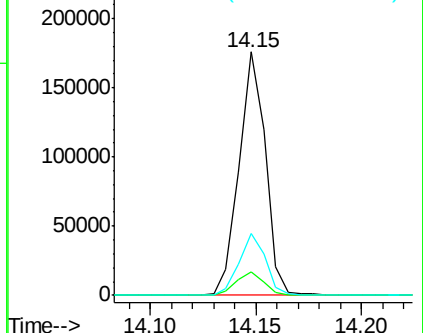
236 25.1 20.7 31.1



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



#77

Pyrene

Concen: 2.371 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF106721.D

Acq: 22 Jun 2018 21:02

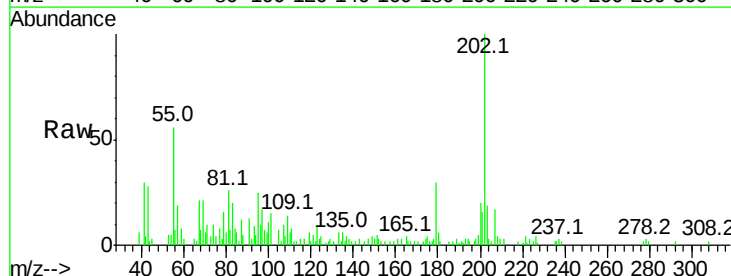
Tgt Ion:202 Resp: 23723

Ion Ratio Lower Upper

202 100

200 19.6 17.4 26.2

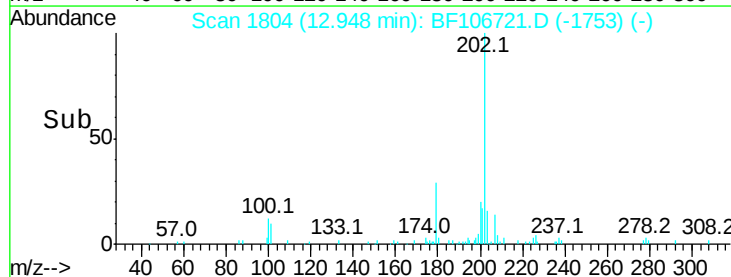
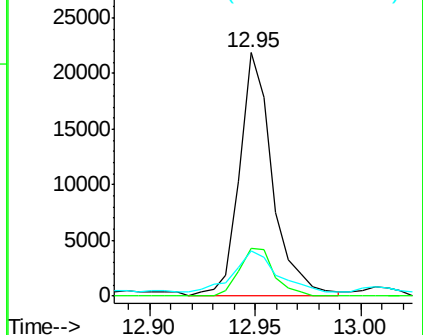
203 18.7 14.3 21.5

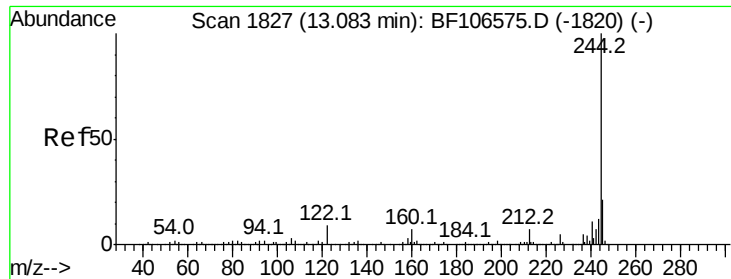


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 15.608 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106721.D

Acq: 22 Jun 2018 21:02

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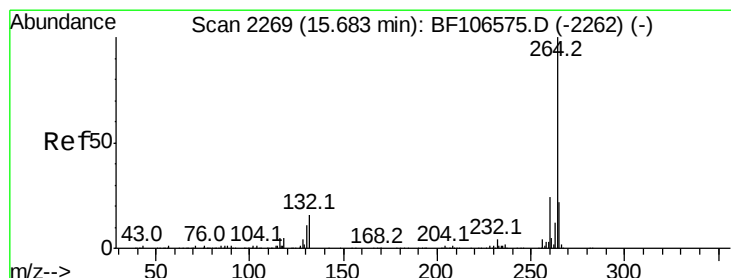
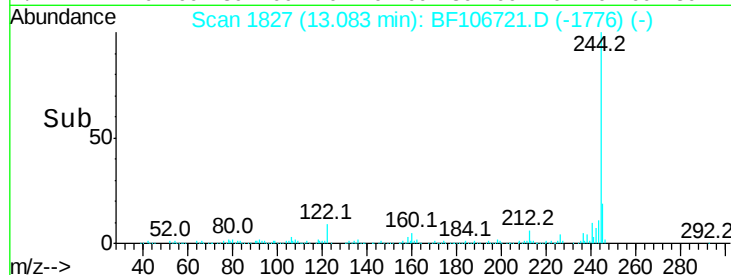
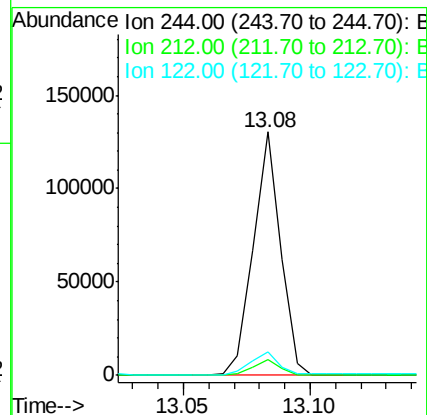
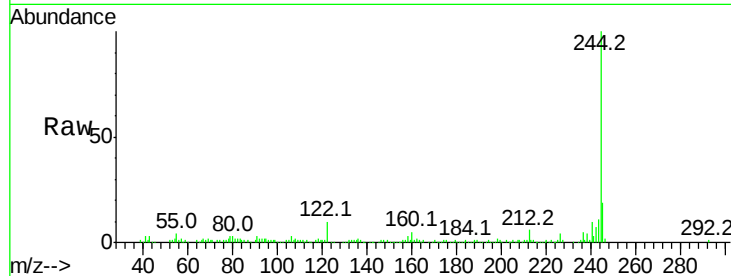
Tot Ion:244 Resp: 97770

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.6 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF106721.D

Acq: 22 Jun 2018 21:02

Tgt Ion:264 Resp: 115462

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.8 17.5 26.3

