

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106333.D
 Acq On : 12 Jun 2018 9:27
 Operator : JU/SJ
 Sample : J3413-02DL 2X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-5DL

Quant Time: Jun 12 11:43:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

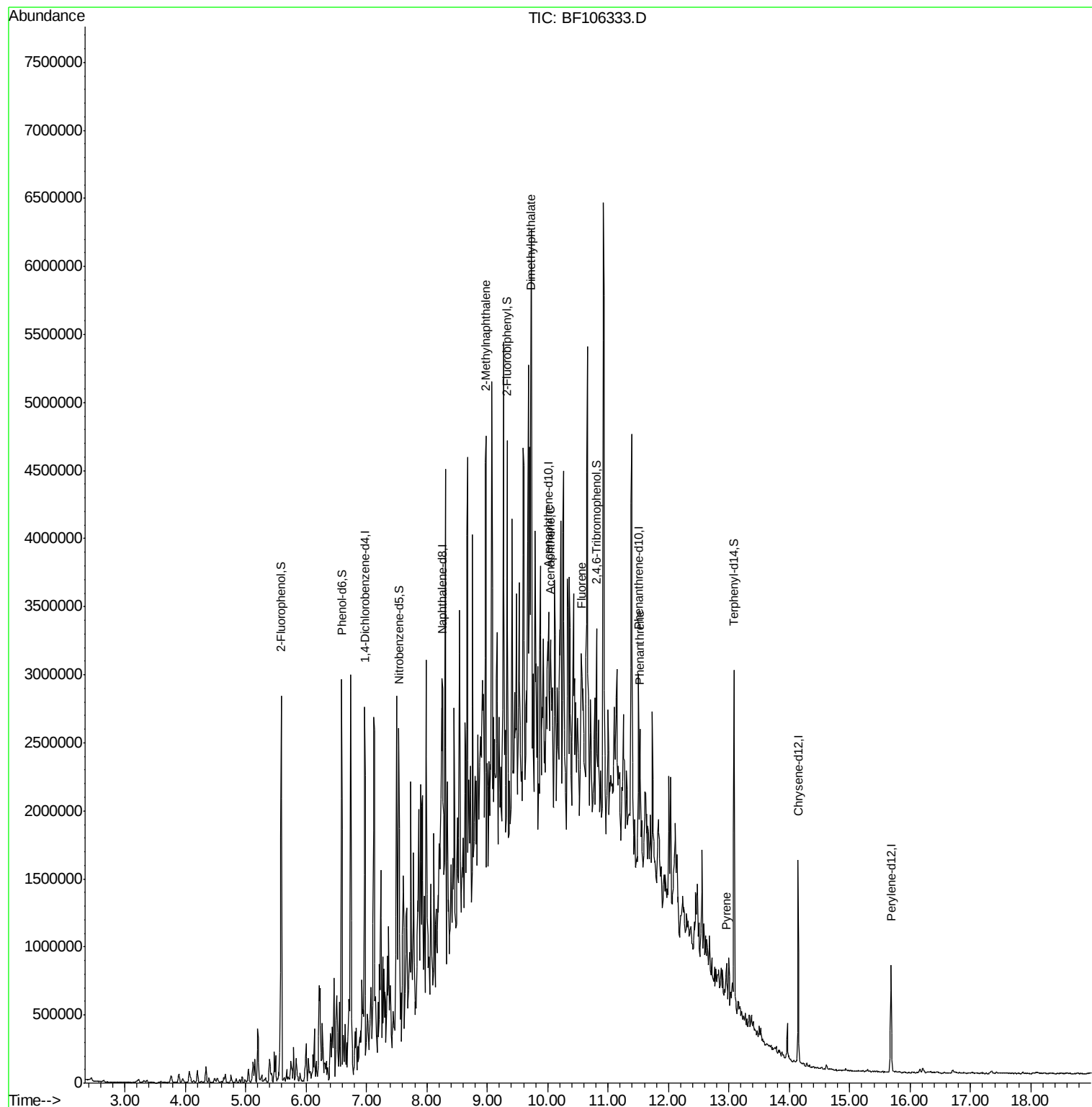
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168813	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	611865	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	261883	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	433485	20.00	ng	0.00
75) Chrysene-d12	14.15	240	471984	20.00	ng	-0.01
86) Perylene-d12	15.68	264	367672	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	752246	75.42	ng	0.00
7) Phenol-d6	6.59	99	941340	74.70	ng	0.00
23) Nitrobenzene-d5	7.53	82	606499	58.31	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	190067	75.43	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	901648	53.67	ng	0.00
78) Terphenyl-d14	13.08	244	866230	45.58	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.98	142	1089520	57.833	ng	95
49) Dimethylphthalate	9.72	163	132235	7.068	ng	# 89
51) Acenaphthene	10.05	154	60227	3.753	ng	# 63
57) Fluorene	10.57	166	151466	8.848	ng	# 91
70) Phenanthrene	11.53	178	399921	18.838	ng	98
77) Pyrene	12.95	202	74767	2.530	ng	96

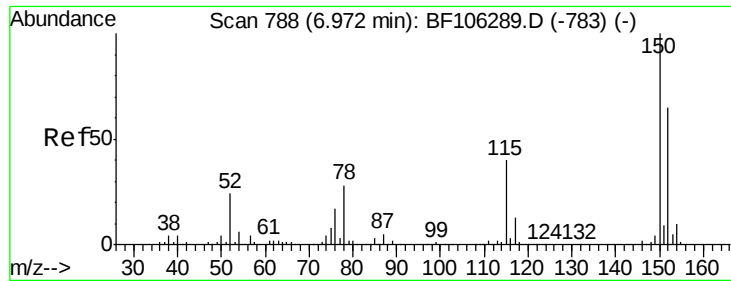
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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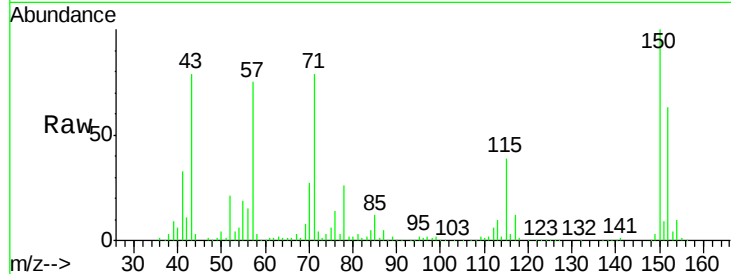


#1

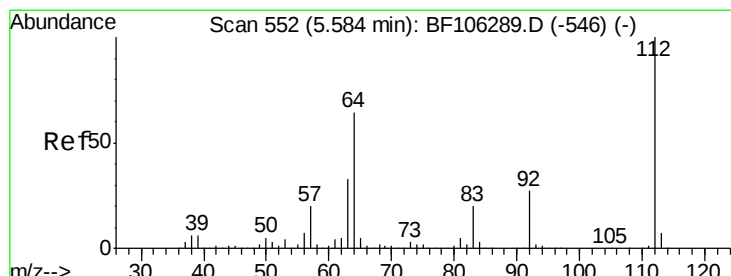
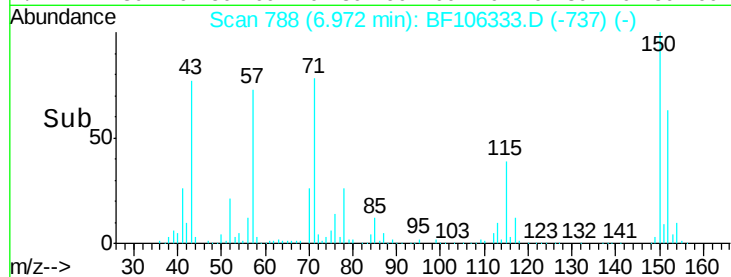
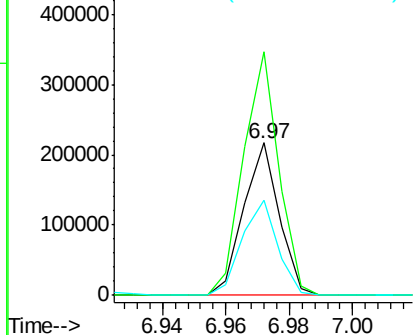
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106333.D
Acq: 12 Jun 2018 9:27

Instrument :
BNA_F
ClientSampleId :
D-5DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	62.0	50.1	75.1



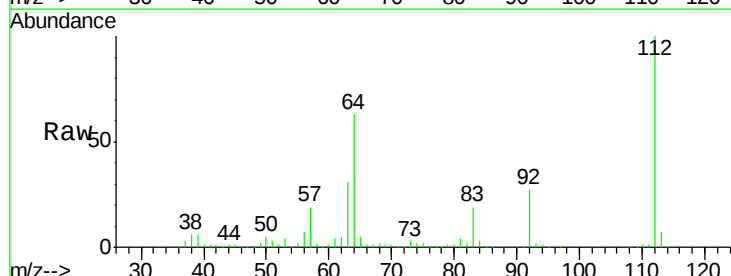
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



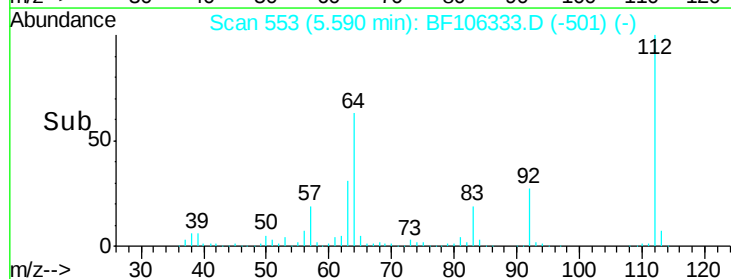
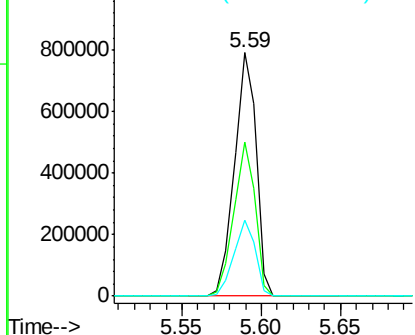
#5

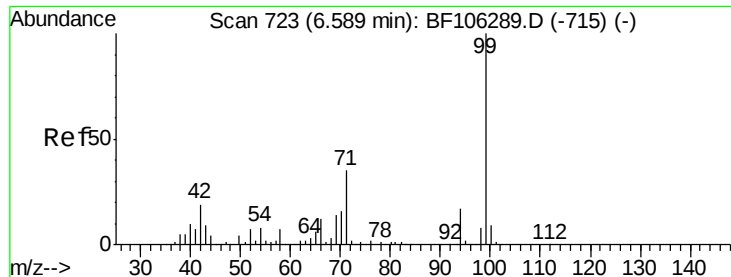
2-Fluorophenol
Concen: 75.419 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106333.D
Acq: 12 Jun 2018 9:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.9	71.9
63	31.2	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: 74.701 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106333.D

Acq: 12 Jun 2018 9:27

Instrument :

BNA_F

ClientSampled :

D-5DL

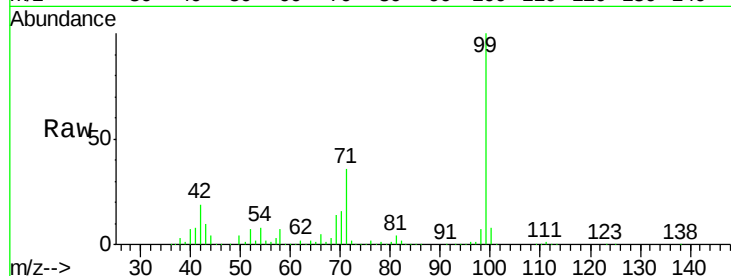
Tot Ion: 99 Resp: 941340

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

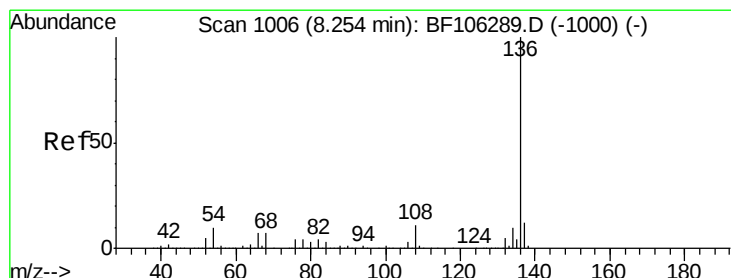
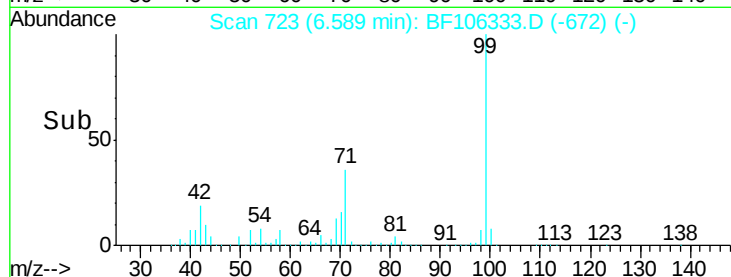
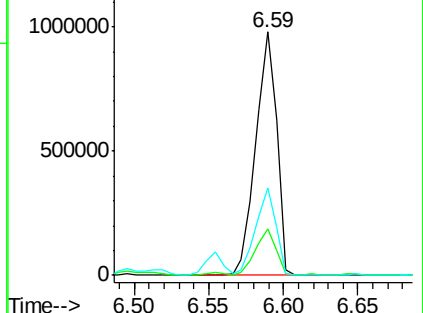
71 35.7 25.4 38.0



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: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106333.D

Acq: 12 Jun 2018 9:27

Tgt Ion: 136 Resp: 611865

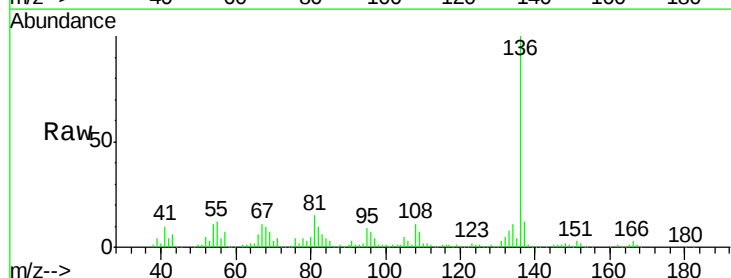
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 11.1 6.6 9.8#

68 9.8 5.0 7.4#

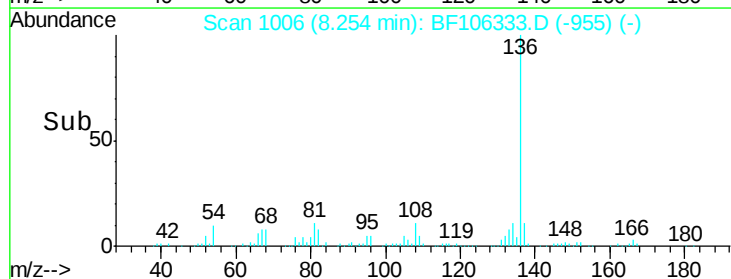
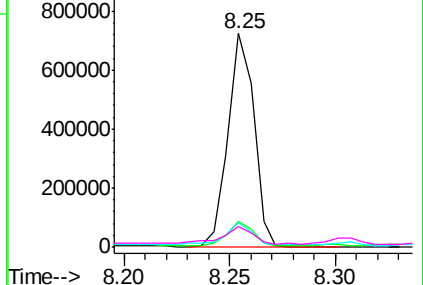


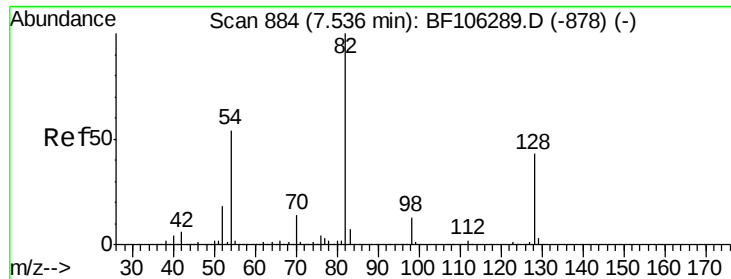
Abundance Ion 136.00 (135.70 to 136.70): E

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

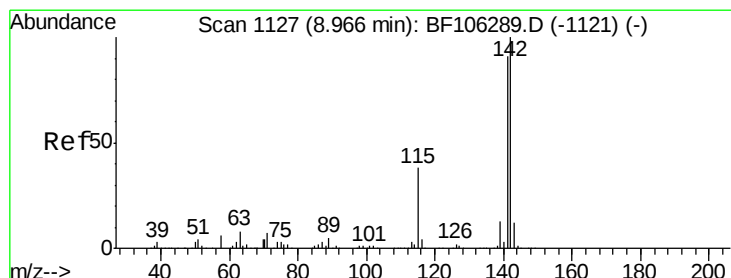
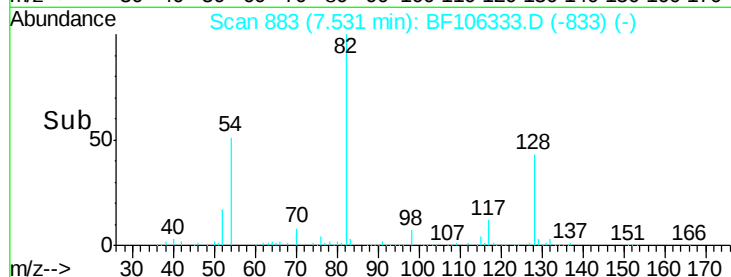
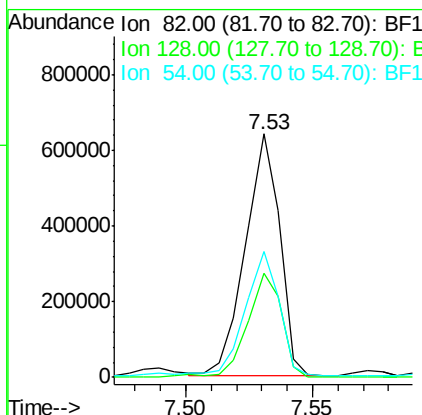
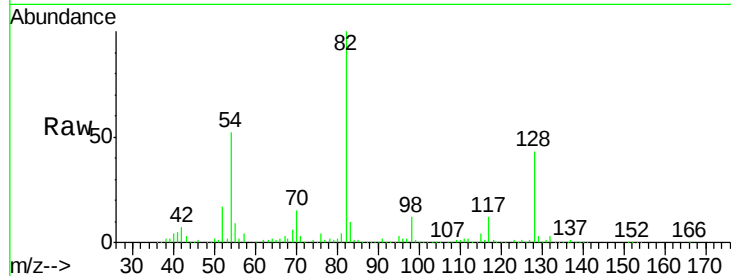




#23
 Nitrobenzene-d5
 Concen: 58.313 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF106333.D
 Acq: 12 Jun 2018 9:27

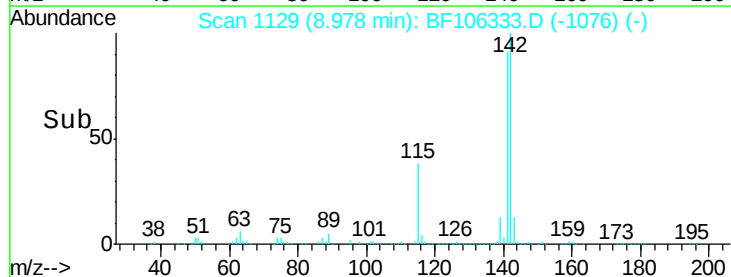
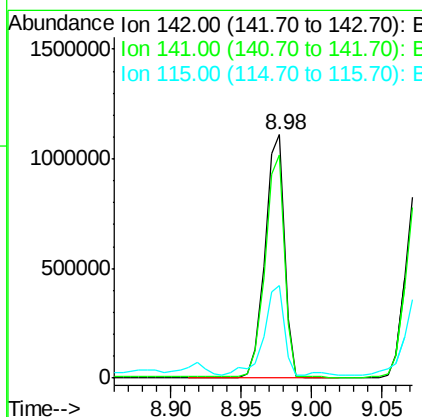
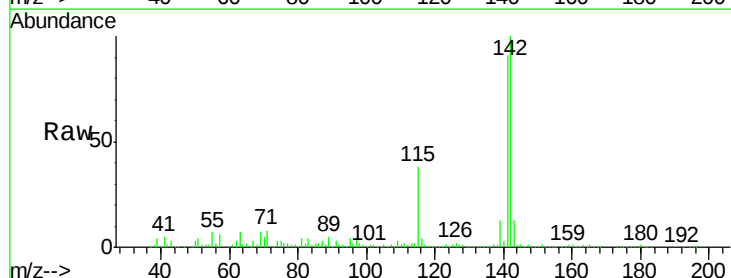
Instrument :
 BNA_F
 ClientSampleId :
 D-5DL

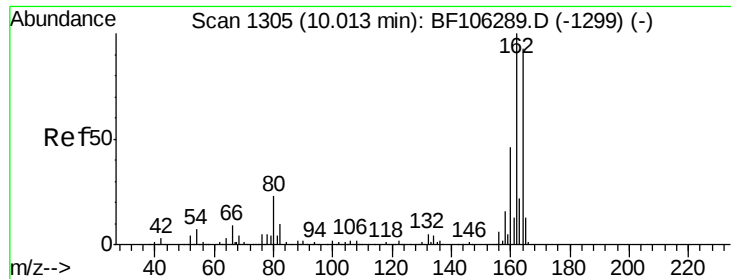
Tot Ion: 82 Resp: 606499
 Ion Ratio Lower Upper
 82 100
 128 42.6 36.1 54.1
 54 51.7 41.4 62.2



#37
 2-Methylnaphthalene
 Concen: 57.833 ng
 RT: 8.98 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF106333.D
 Acq: 12 Jun 2018 9:27

Tgt Ion: 142 Resp: 1089520
 Ion Ratio Lower Upper
 142 100
 141 91.5 70.8 106.2
 115 38.1 26.1 39.1

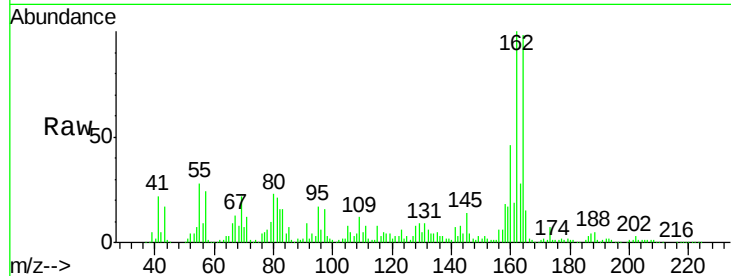




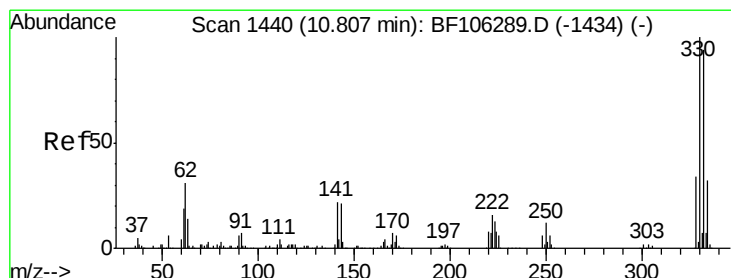
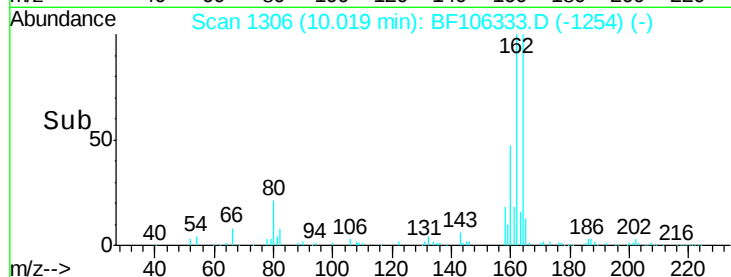
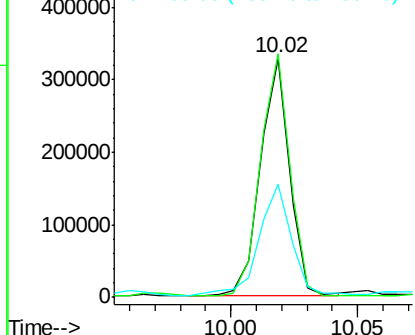
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF106333.D
Acq: 12 Jun 2018 9:27

Instrument :
BNA_F
ClientSampleId :
D-5DL

Tot Ion:164 Resp: 261883
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 47.4 38.3 57.5

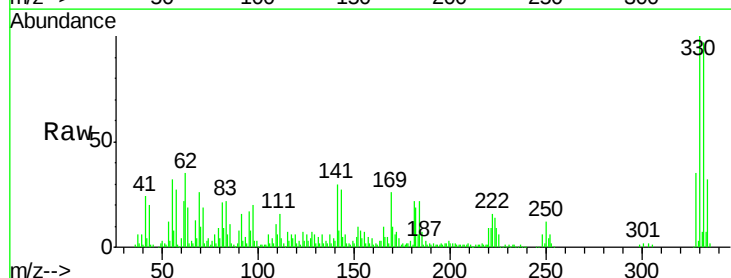


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

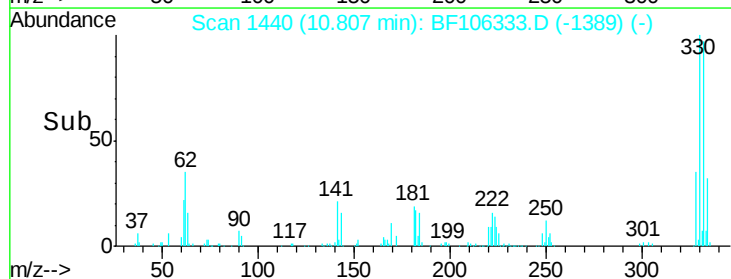
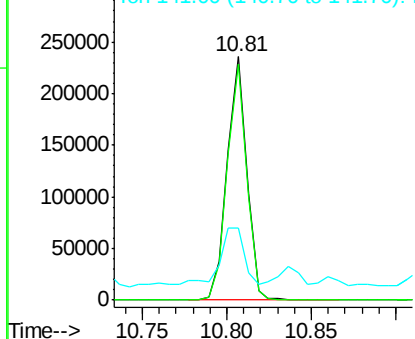


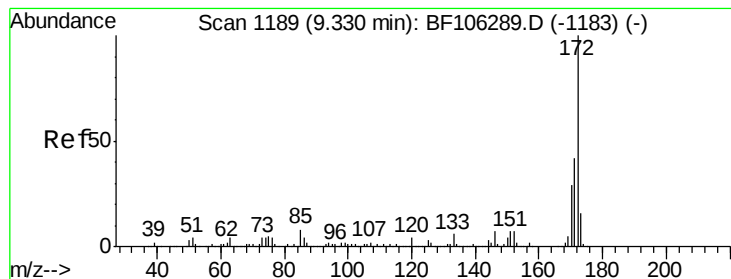
#41
2,4,6-Tribromophenol
Concen: 75.430 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF106333.D
Acq: 12 Jun 2018 9:27

Tgt Ion:330 Resp: 190067
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 28.6 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: 53.672 ng

RT: 9.33 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF106333.D

Acq: 12 Jun 2018 9:27

Instrument :

BNA_F

ClientSampleId :

D-5DL

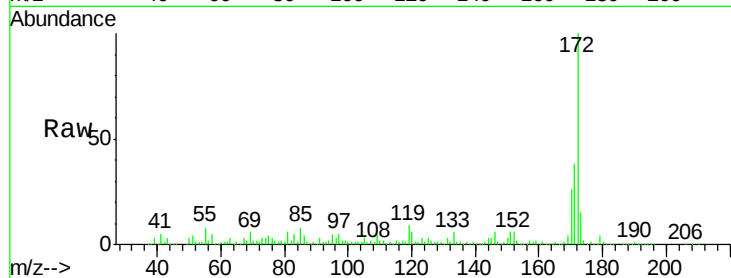
Tot Ion:172 Resp: 901648

Ion Ratio Lower Upper

172 100

171 38.0 29.7 44.5

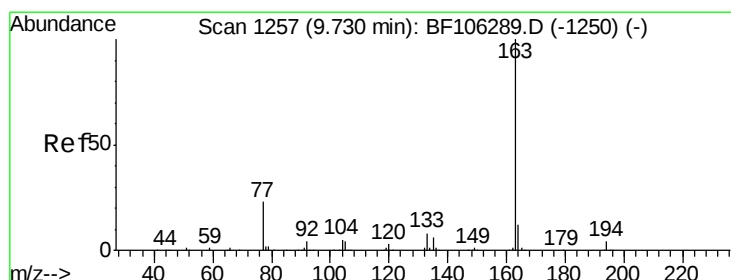
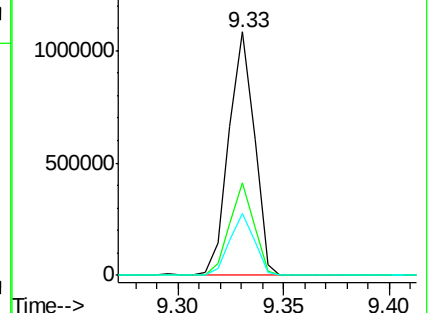
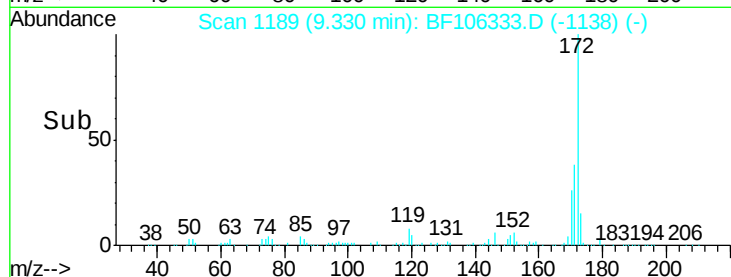
170 25.7 19.6 29.4



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



#49

Dimethylphthalate

Concen: 7.068 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106333.D

Acq: 12 Jun 2018 9:27

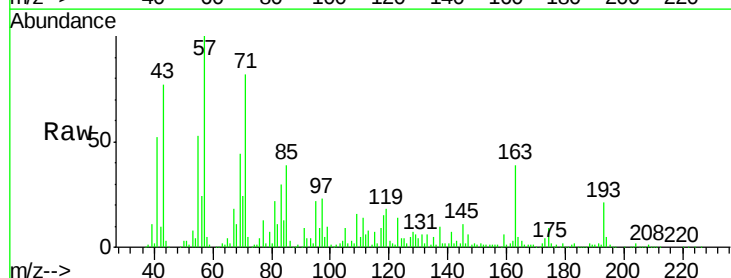
Tgt Ion:163 Resp: 132235

Ion Ratio Lower Upper

163 100

194 13.9 2.7 4.1#

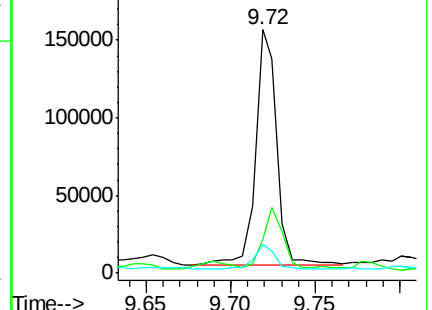
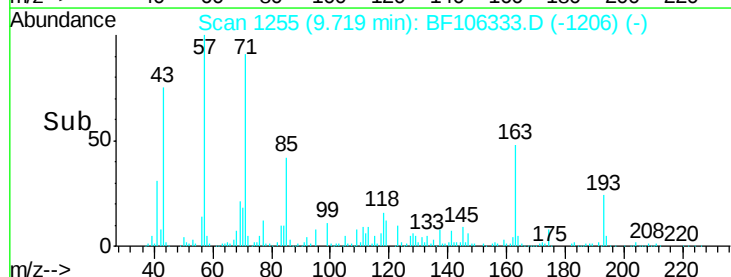
164 11.5 8.2 12.2

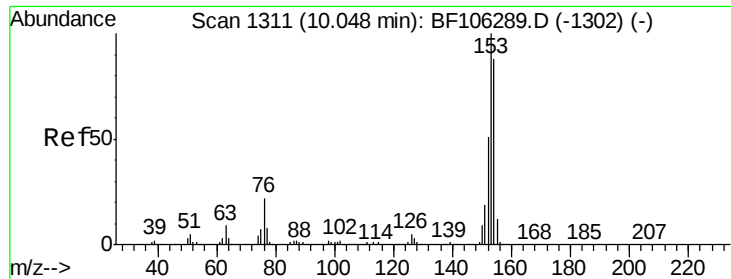


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.753 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF106333.D

Acq: 12 Jun 2018 9:27

Instrument :

BNA_F

ClientSampleId :

D-5DL

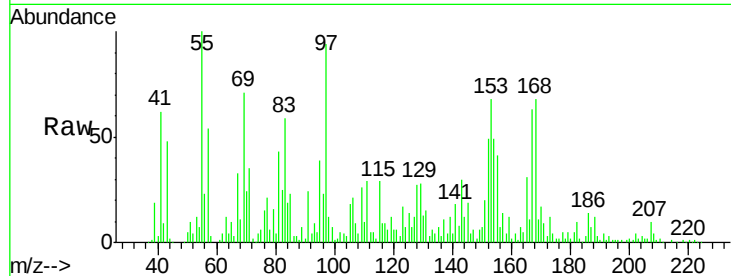
Tot Ion:154 Resp: 60227

Ion Ratio Lower Upper

154 100

153 139.7 91.2 136.8#

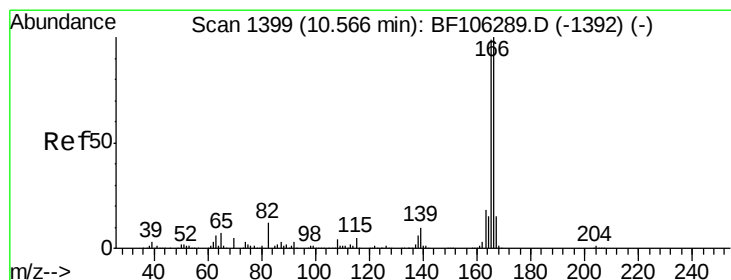
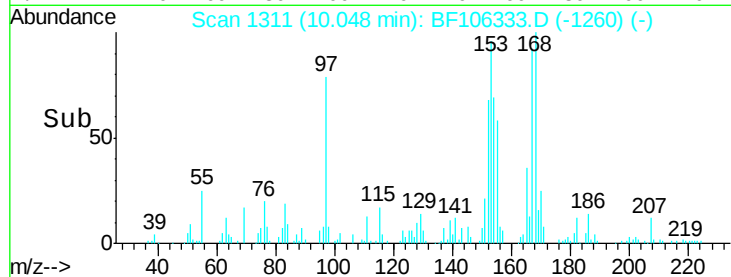
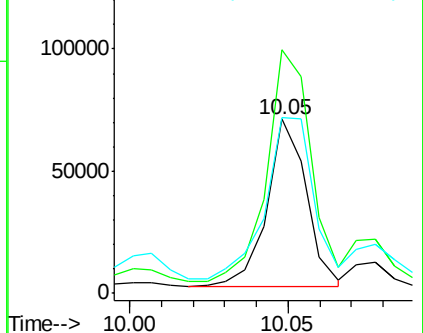
152 100.9 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 8.848 ng

RT: 10.57 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF106333.D

Acq: 12 Jun 2018 9:27

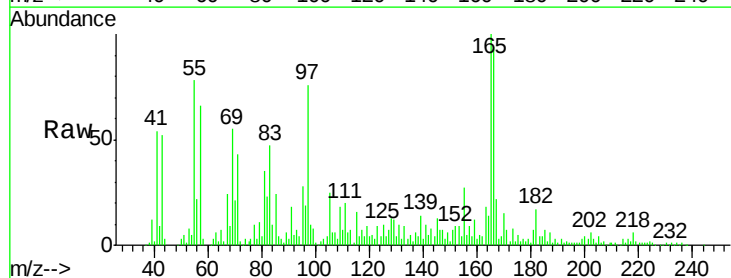
Tgt Ion:166 Resp: 151466

Ion Ratio Lower Upper

166 100

165 106.4 79.8 119.8

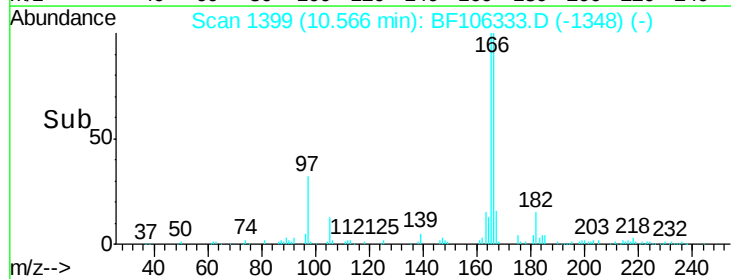
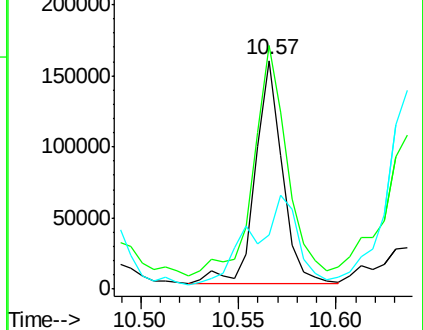
167 23.5 10.6 16.0#

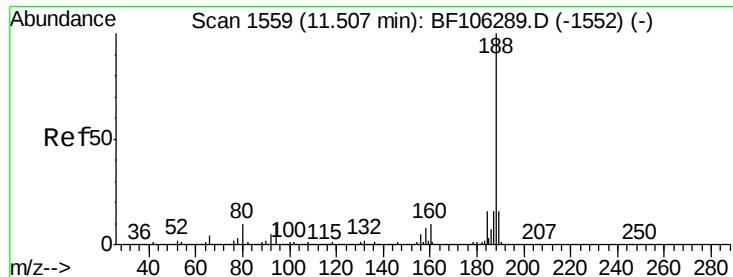


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

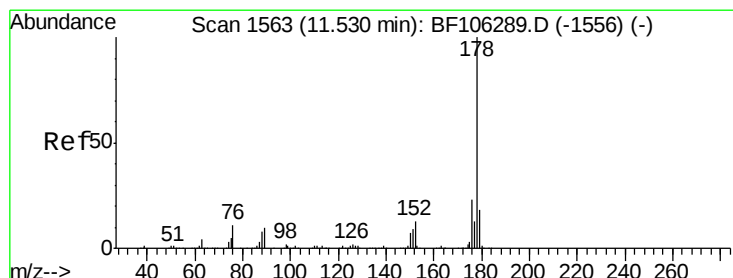
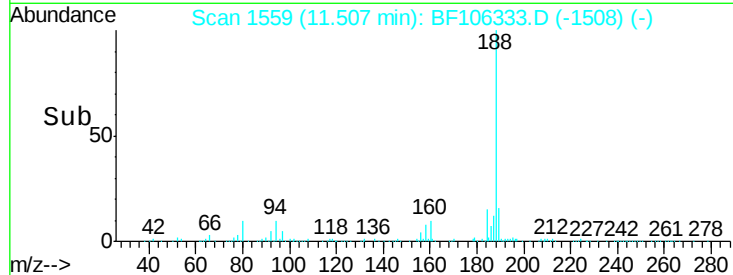
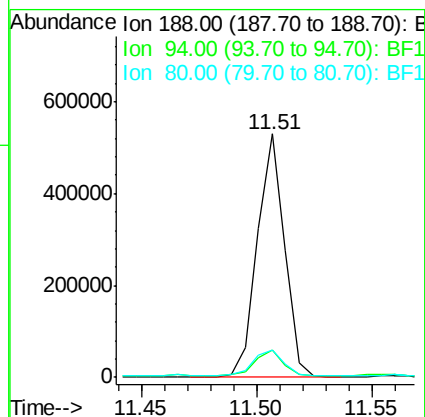
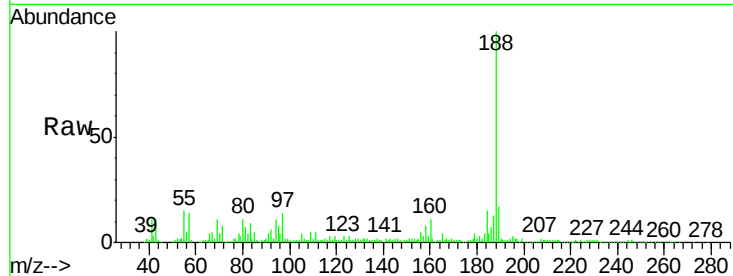




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106333.D
Acq: 12 Jun 2018 9:27

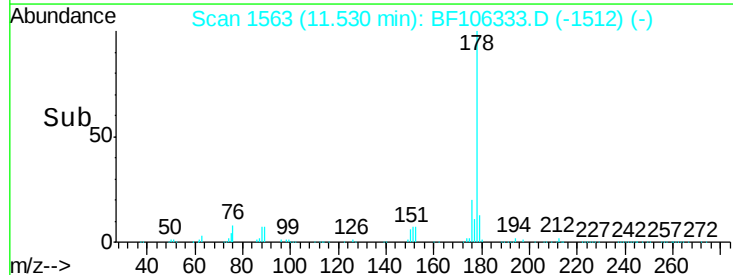
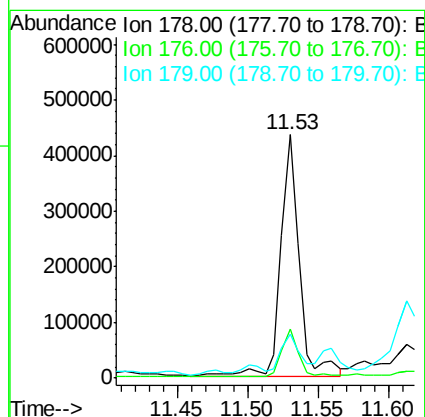
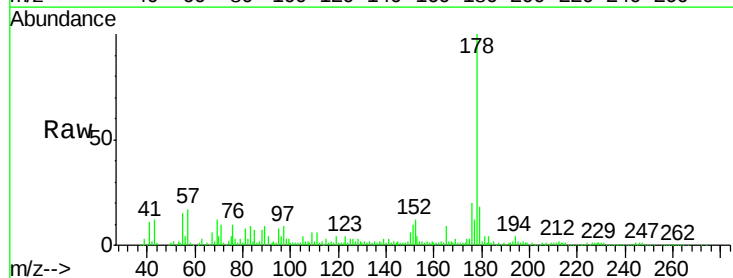
Instrument :
BNA_F
ClientSampleId :
D-5DL

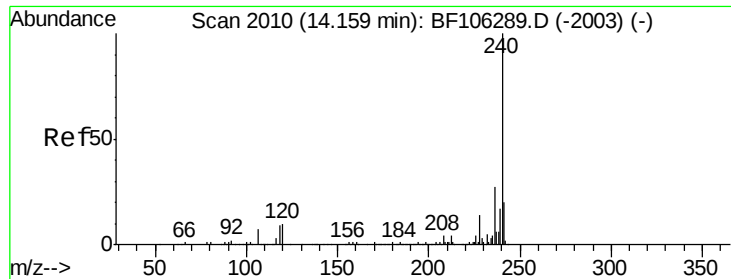
Tot Ion:188 Resp: 433485
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.3 9.2 13.8



#70
Phenanthrene
Concen: 18.838 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF106333.D
Acq: 12 Jun 2018 9:27

Tgt Ion:178 Resp: 399921
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 18.0 13.0 19.6





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106333.D

Acq: 12 Jun 2018 9:27

Instrument :

BNA_F

ClientSampleId :

D-5DL

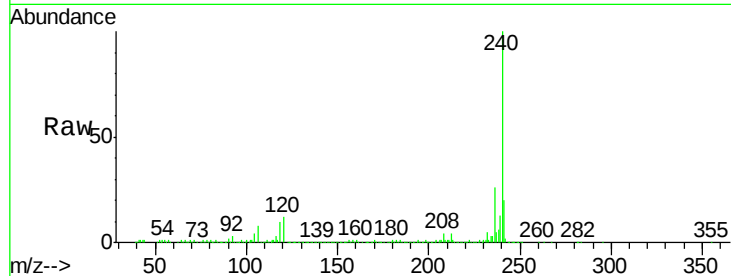
Tot Ion:240 Resp: 471984

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

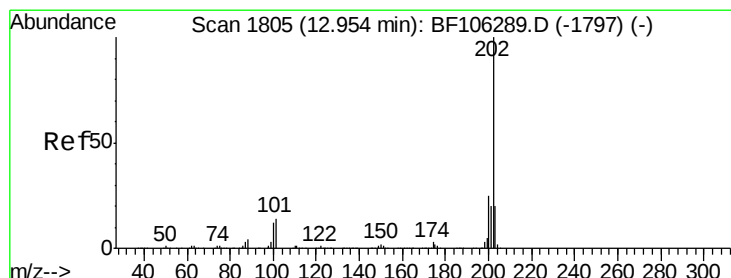
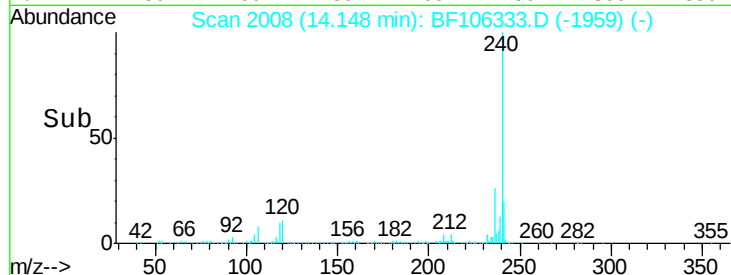
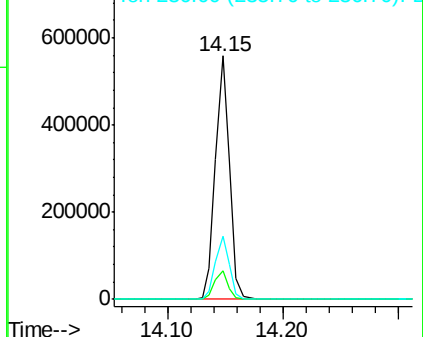
236 26.1 20.7 31.1



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: 2.530 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF106333.D

Acq: 12 Jun 2018 9:27

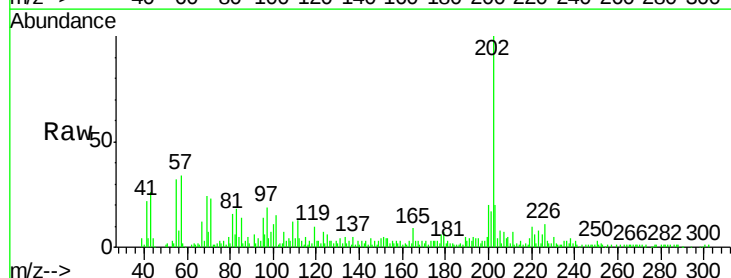
Tgt Ion:202 Resp: 74767

Ion Ratio Lower Upper

202 100

200 20.2 17.4 26.2

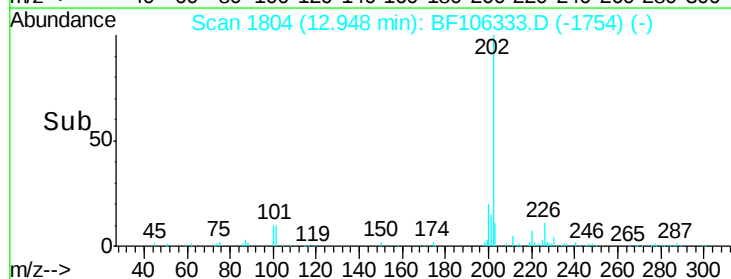
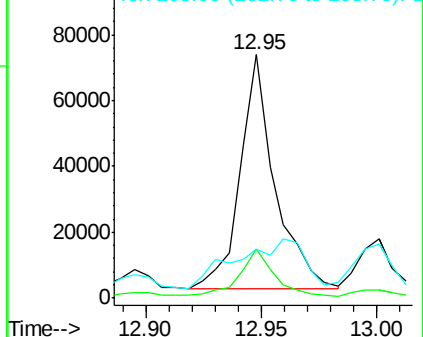
203 20.0 14.3 21.5

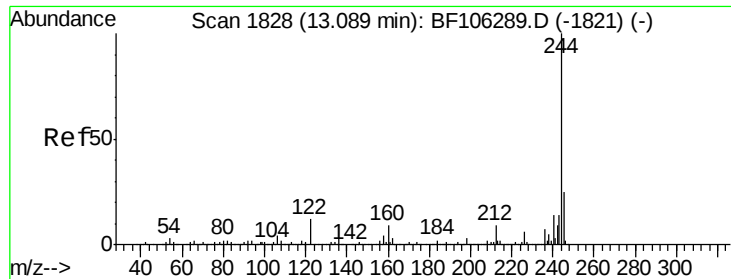


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 45.585 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106333.D

Acq: 12 Jun 2018 9:27

Instrument :

BNA_F

ClientSampleId :

D-5DL

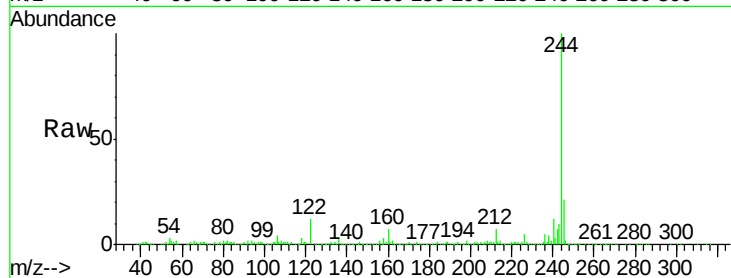
Tot Ion:244 Resp: 866230

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

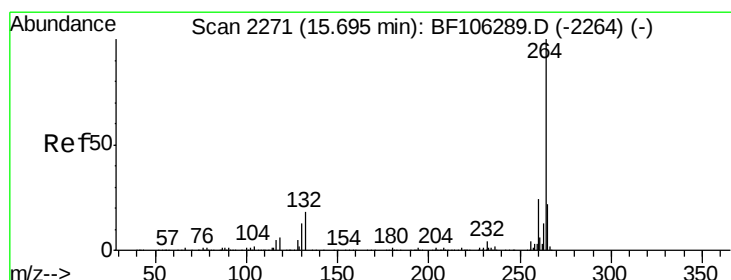
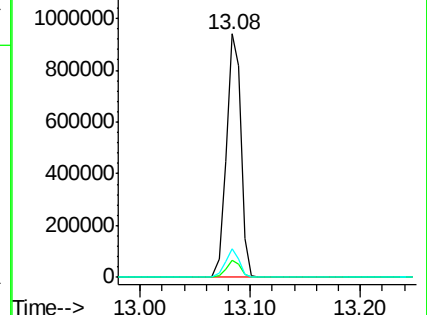
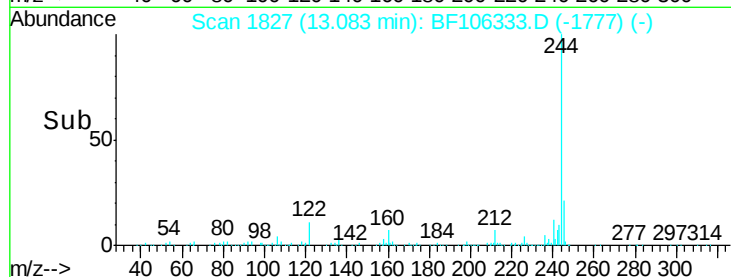
122 11.5 11.0 16.4



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# 2269

Delta R.T. -0.01 min

Lab File: BF106333.D

Acq: 12 Jun 2018 9:27

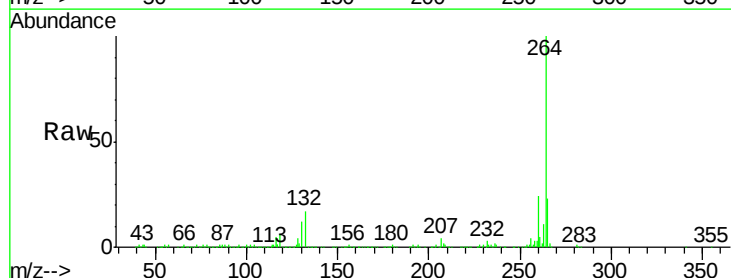
Tgt Ion:264 Resp: 367672

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 23.0 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

