

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106301.D
 Acq On : 11 Jun 2018 18:15
 Operator : JU/SJ
 Sample : J3377-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DB-S

Quant Time: Jun 12 01:43:19 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	232886	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	863369	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	417451	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	791304	20.00	ng	0.00
75) Chrysene-d12	14.15	240	552238	20.00	ng	-0.01
86) Perylene-d12	15.68	264	578826	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1238282	89.99	ng	0.00
7) Phenol-d6	6.59	99	1539675	88.57	ng	0.00
23) Nitrobenzene-d5	7.53	82	1002879	68.33	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	434397	108.15	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1571541	60.62	ng	0.00
78) Terphenyl-d14	13.09	244	1551189	69.77	ng	0.00

Target Compounds

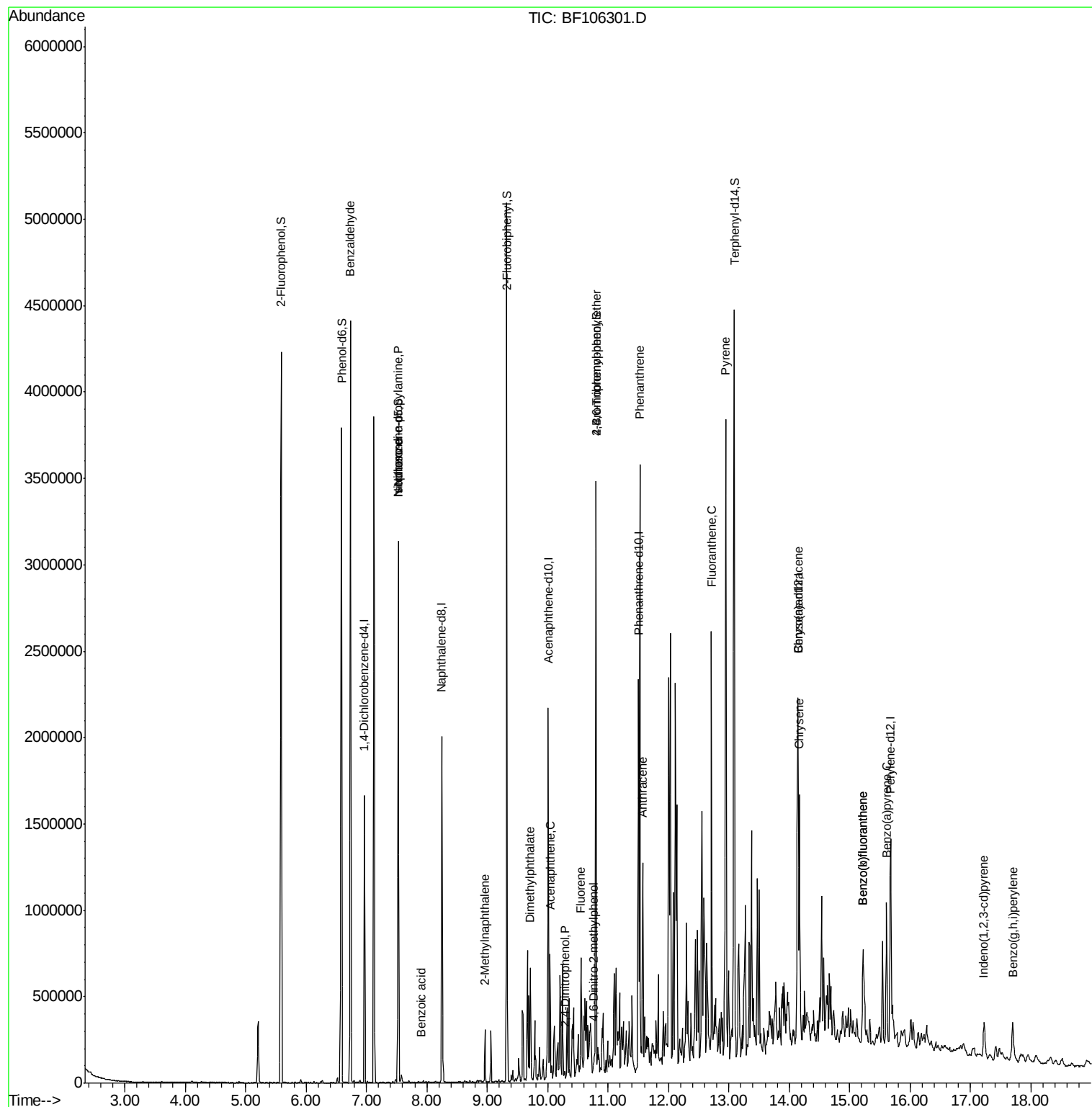
						Qvalue
9) Benzaldehyde	6.74	77	30829	2.338	ng	82
19) n-Nitroso-di-n-propylamine	7.53	70	136692	10.481	ng	# 78
25) Isophorone	7.53	82	1003066	34.992	ng	# 64
32) Benzoic acid	7.91	122	472	7.334	ng	# 73
37) 2-Methylnaphthalene	8.96	142	76041	2.861	ng	99
49) Dimethylphthalate	9.71	163	225857	7.573	ng	100
51) Acenaphthene	10.04	154	119228	4.661	ng	97
53) 2,4-Dinitrophenol	10.29	184	418	8.747	ng	# 20
57) Fluorene	10.55	166	159787	5.855	ng	99
64) 4,6-Dinitro-2-methylphenol	10.75	198	148	6.325	ng	# 11
66) 4-Bromophenyl-phenylether	10.80	248	29149	3.239	ng	# 1
70) Phenanthrene	11.52	178	1231669	31.782	ng	96
71) Anthracene	11.57	178	420442	10.830	ng	99
74) Fluoranthene	12.71	202	865020	20.930	ng	97
77) Pyrene	12.95	202	1575672	45.575	ng	94
80) Benzo(a)anthracene	14.14	228	604310	18.389	ng	96
82) Chrysene	14.17	228	504167	16.803	ng	98
85) Indeno(1,2,3-cd)pyrene	17.22	276	136243	5.690	ng	# 91
87) Benzo(b)fluoranthene	15.22	252	450612	12.879	ng	96
88) Benzo(k)fluoranthene	15.22	252	451861	13.040	ng	96
89) Benzo(a)pyrene	15.61	252	415163	13.192	ng	97
91) Benzo(g,h,i)perylene	17.70	276	181358	7.112	ng	94

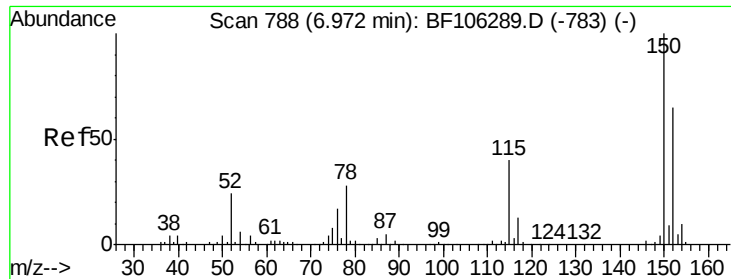
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
Data File : BF106301.D
Acq On : 11 Jun 2018 18:15
Operator : JU/SJ
Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-B-DB-S

Quant Time: Jun 12 01:43:19 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

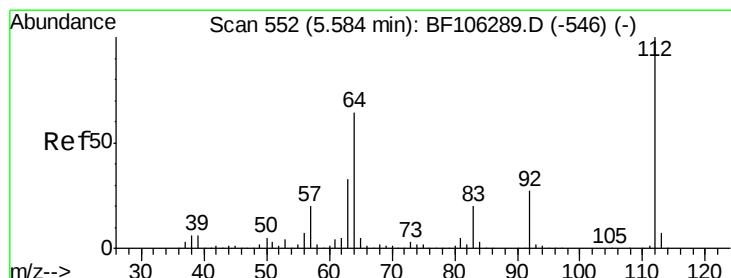
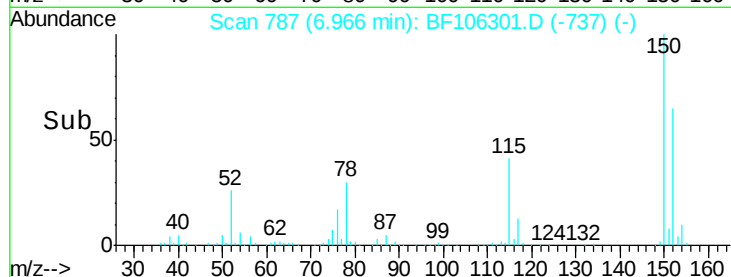
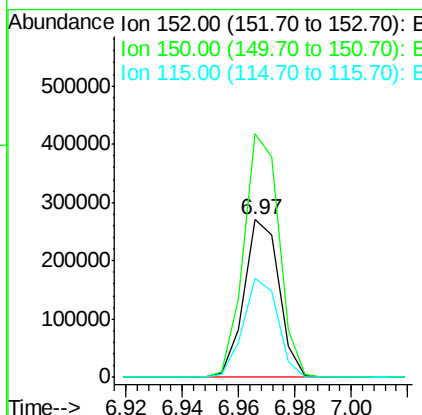
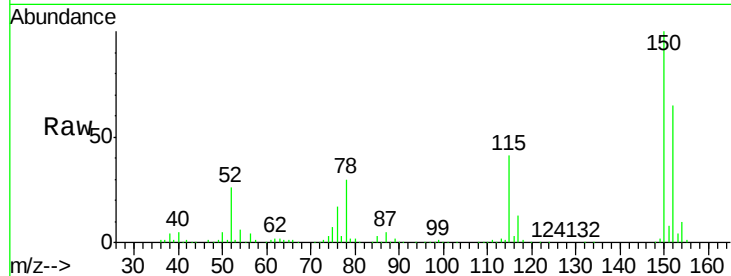




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF106301.D
 Acq: 11 Jun 2018 18:15

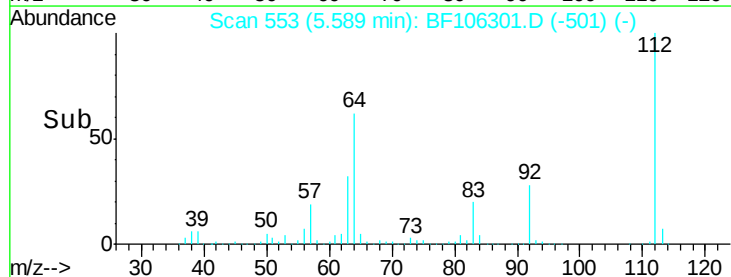
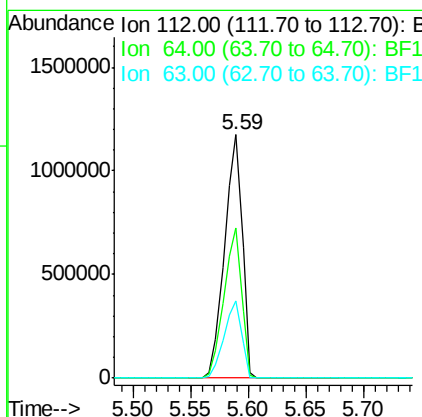
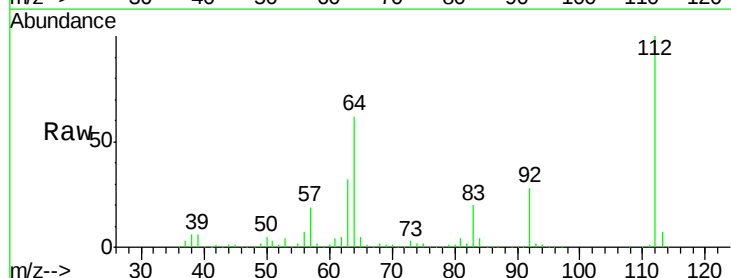
Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DB-S

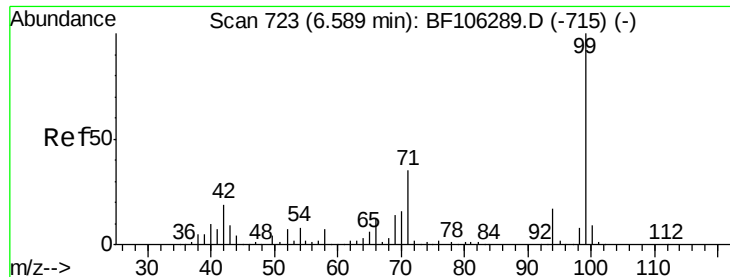
Tgt Ion:152 Resp: 232886
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 63.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 89.992 ng
 RT: 5.59 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF106301.D
 Acq: 11 Jun 2018 18:15

Tgt Ion:112 Resp: 1238282
 Ion Ratio Lower Upper
 112 100
 64 61.6 47.9 71.9
 63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 88.567 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

TP-B-DB-S

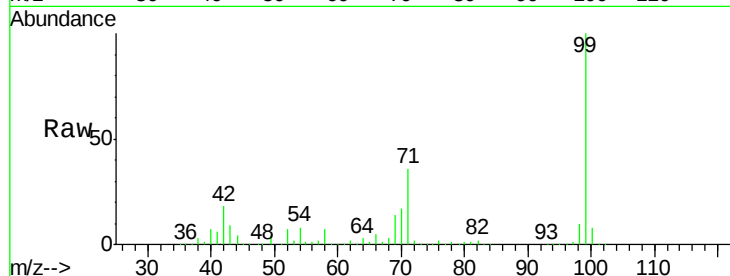
Tgt Ion: 99 Resp: 1539675

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

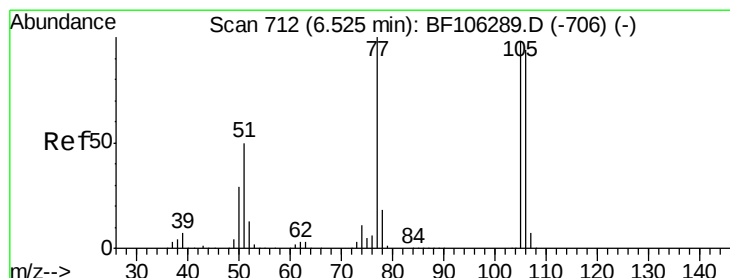
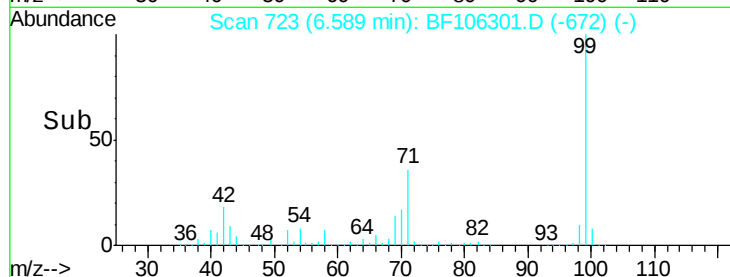
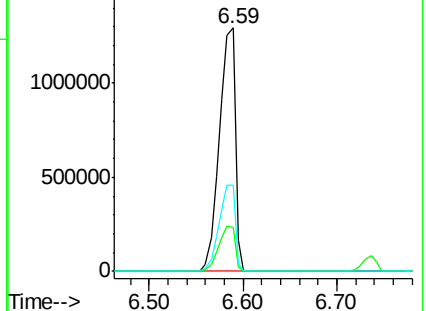
71 35.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.338 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.21 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

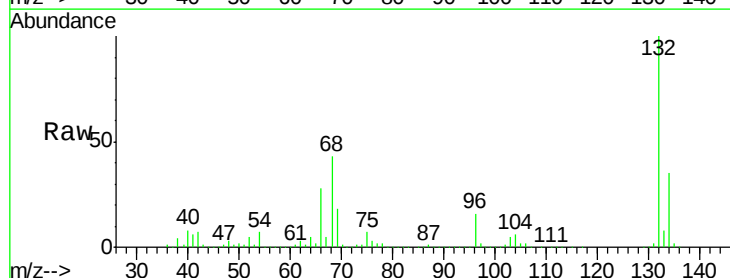
Tgt Ion: 77 Resp: 30829

Ion Ratio Lower Upper

77 100

105 81.3 81.1 121.1

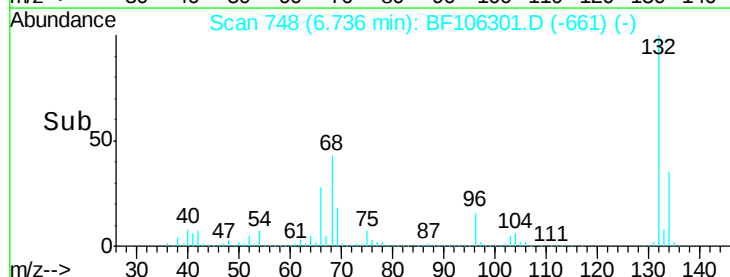
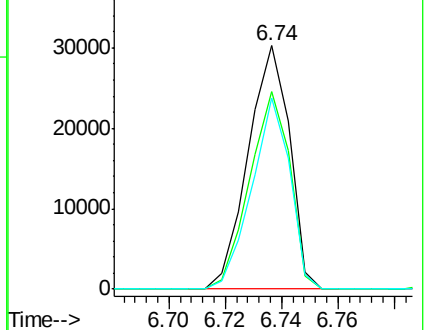
106 78.7 74.5 114.5

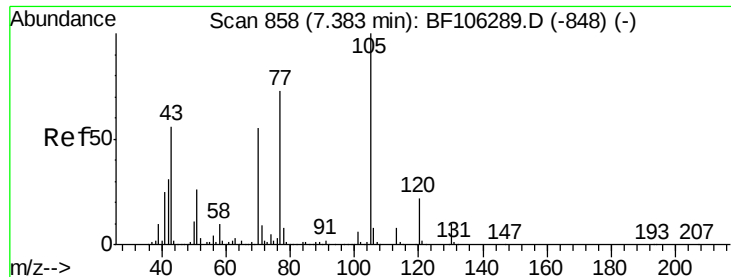


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

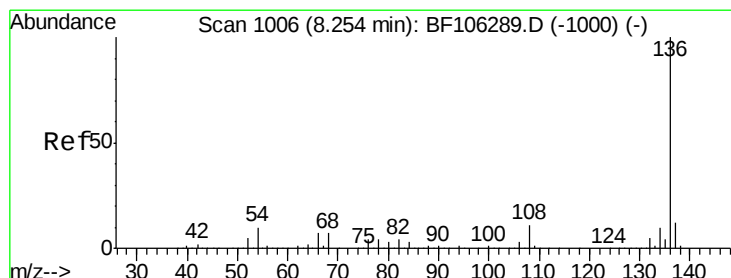
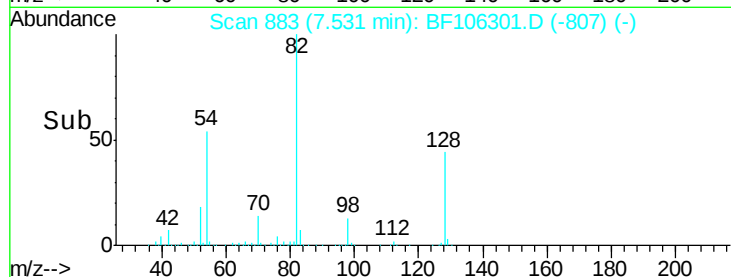
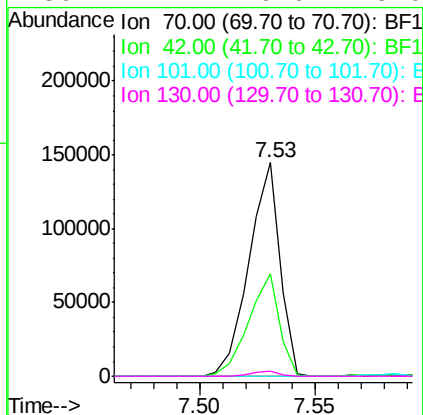
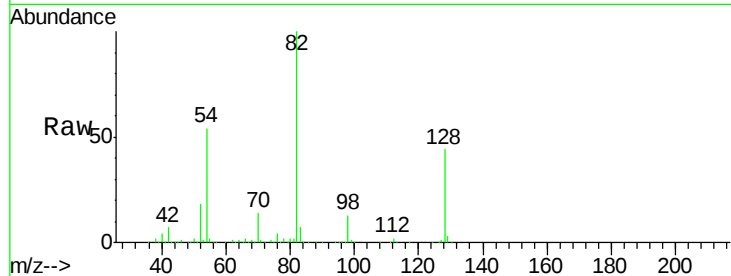




#19
n-Nitroso-di-n-propylamine
Concen: 10.481 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106301.D
Acq: 11 Jun 2018 18:15

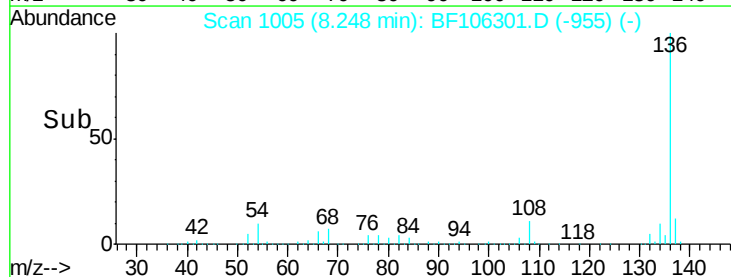
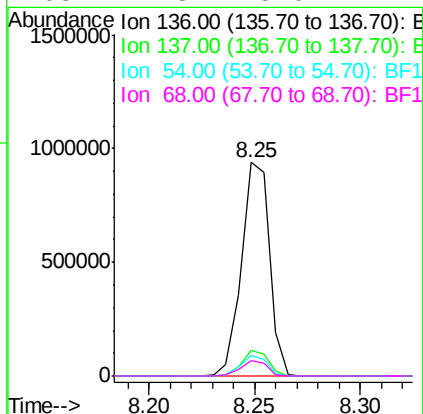
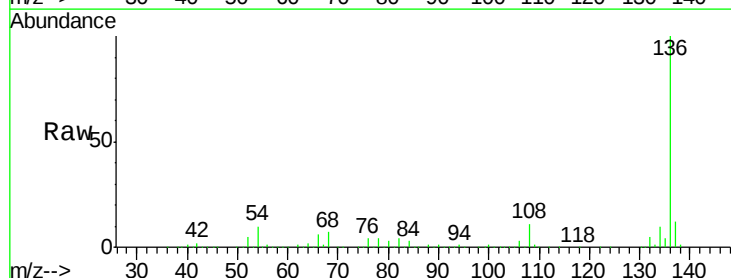
Instrument :
BNA_F
ClientSampleId :
TP-B-DB-S

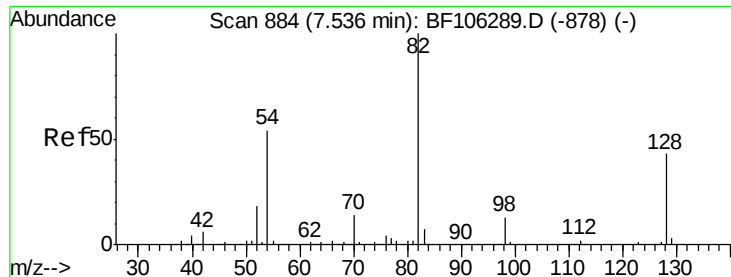
Tgt Ion: 70 Resp: 136692
Ion Ratio Lower Upper
70 100
42 47.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106301.D
Acq: 11 Jun 2018 18:15

Tgt Ion: 136 Resp: 863369
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 9.9 6.6 9.8#
68 7.3 5.0 7.4

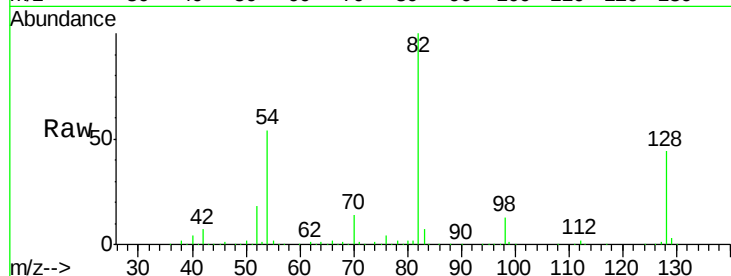




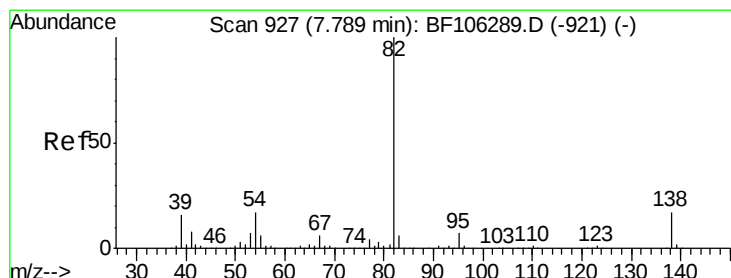
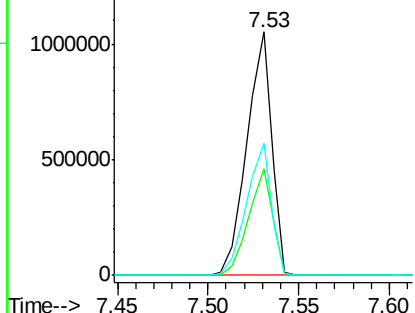
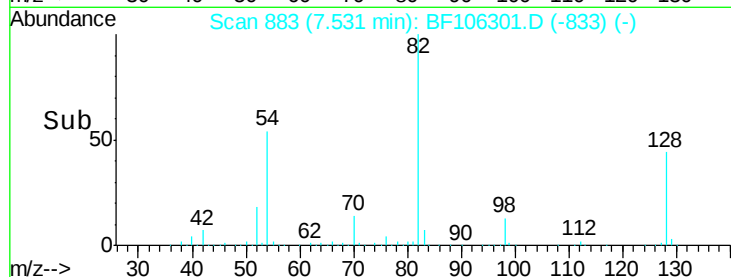
#23
Nitrobenzene-d5
Concen: 68.334 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106301.D
Acq: 11 Jun 2018 18:15

Instrument :
BNA_F
ClientSampleId :
TP-B-DB-S

Tgt Ion: 82 Resp: 1002879
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 54.2 41.4 62.2

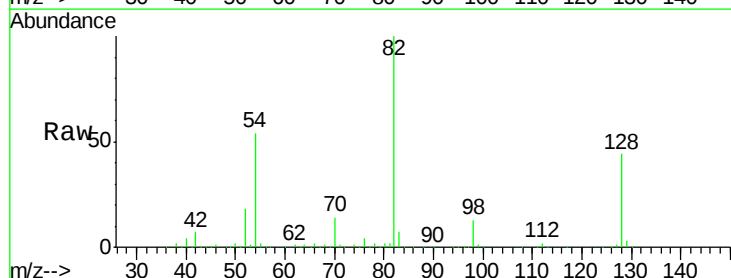


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

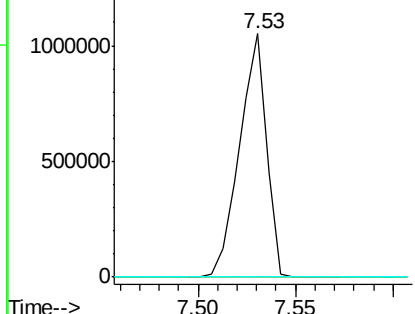
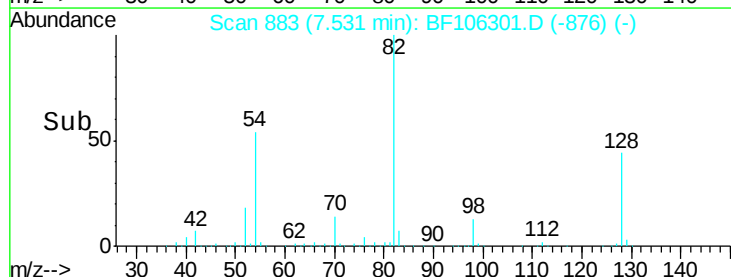


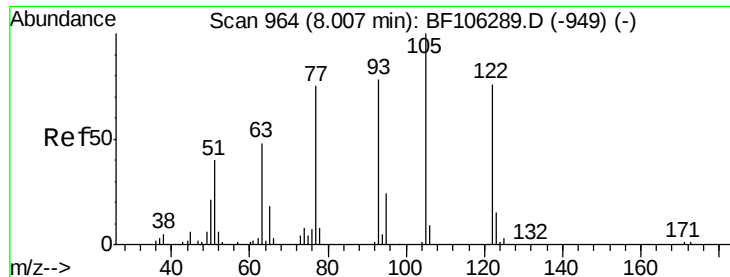
#25
Isophorone
Concen: 34.992 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106301.D
Acq: 11 Jun 2018 18:15

Tgt Ion: 82 Resp: 1003066
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 7.334 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.10 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

TP-B-DB-S

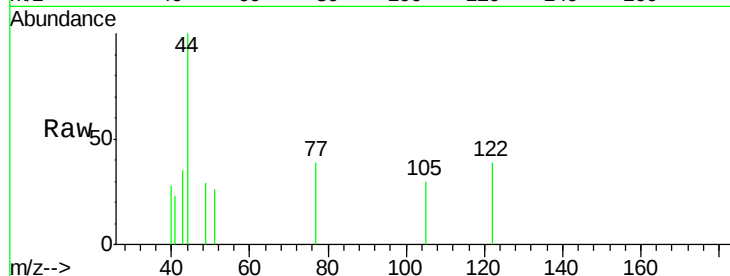
Tgt Ion:122 Resp: 472

Ion Ratio Lower Upper

122 100

105 76.5 101.1 141.1#

77 101.0 70.7 110.7



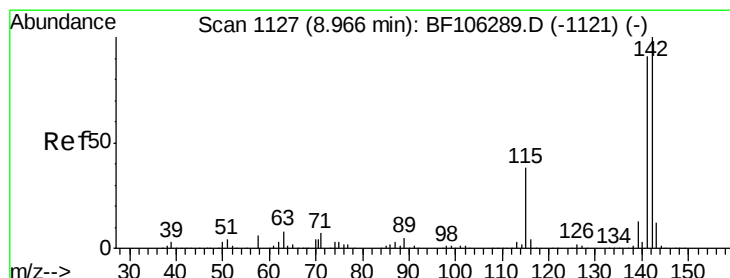
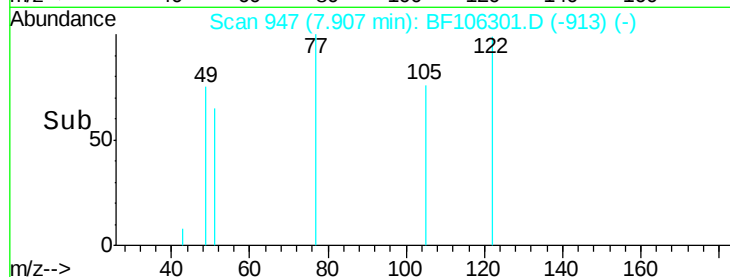
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

Time-->

7.88 7.90 7.92



#37

2-Methylnaphthalene

Concen: 2.861 ng

RT: 8.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

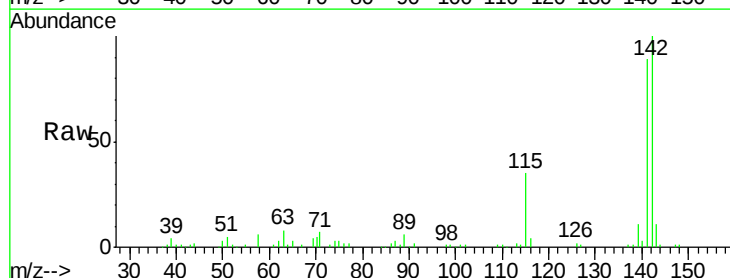
Tgt Ion:142 Resp: 76041

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2

115 34.5 26.1 39.1



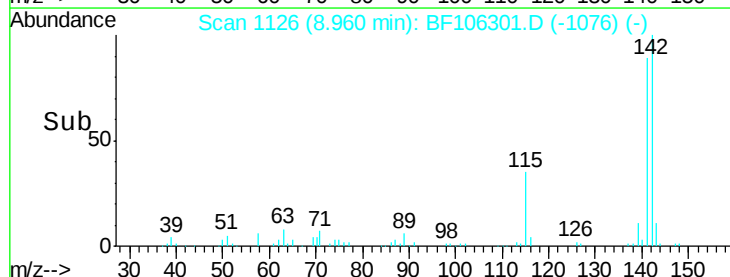
Abundance Ion 142.00 (141.70 to 142.70): E

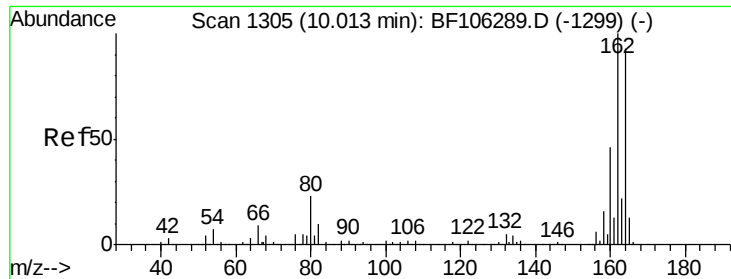
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->

8.92 8.94 8.96 8.98 9.00

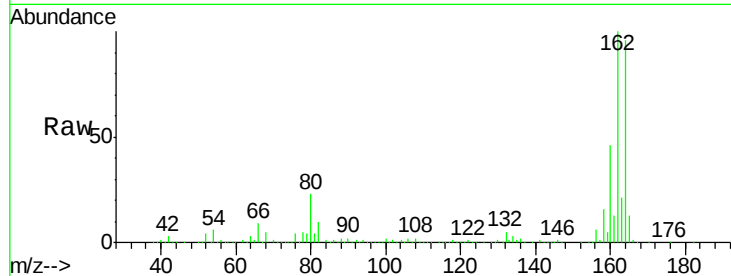




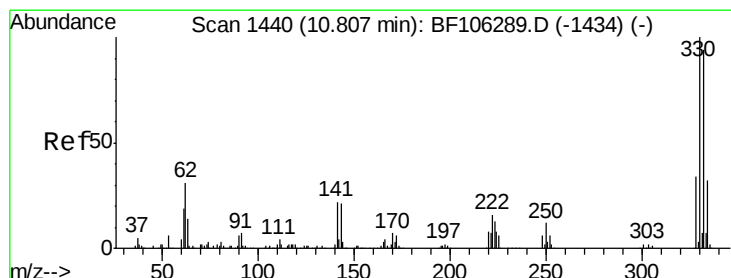
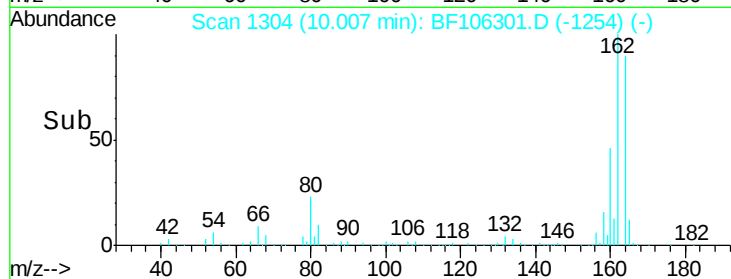
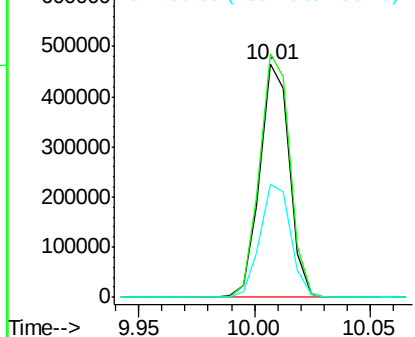
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106301.D
Acq: 11 Jun 2018 18:15

Instrument :
BNA_F
ClientSampleId :
TP-B-DB-S

Tgt Ion:164 Resp: 417451
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 48.3 38.3 57.5

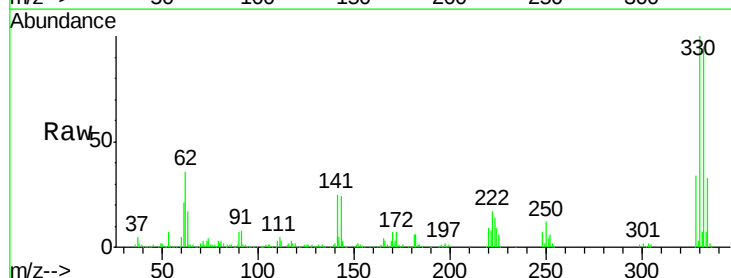


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

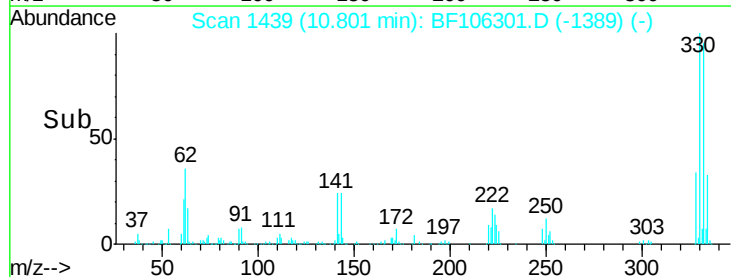
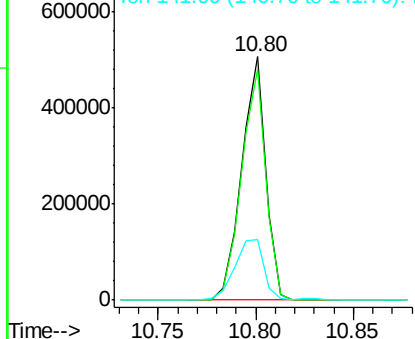


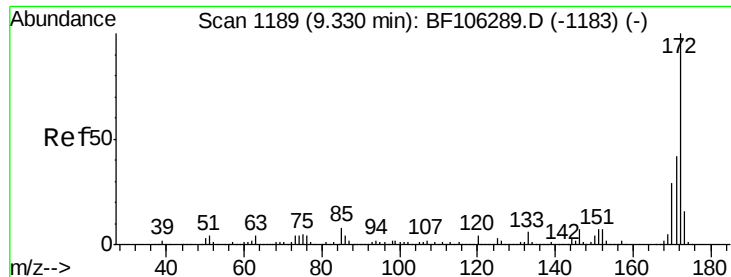
#41
2,4,6-Tribromophenol
Concen: 108.150 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106301.D
Acq: 11 Jun 2018 18:15

Tgt Ion:330 Resp: 434397
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 29.6 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

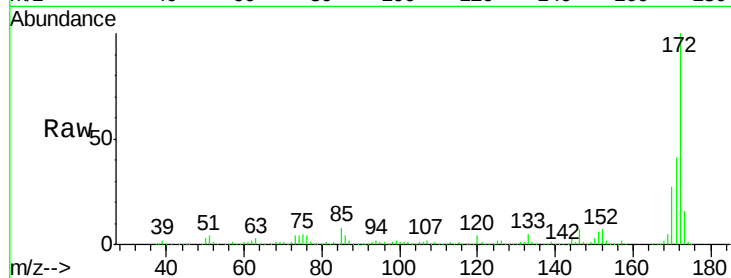




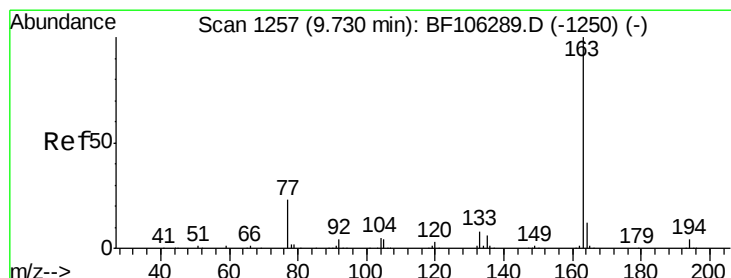
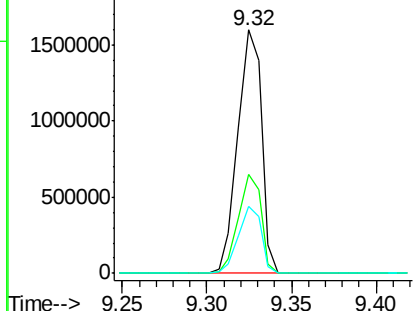
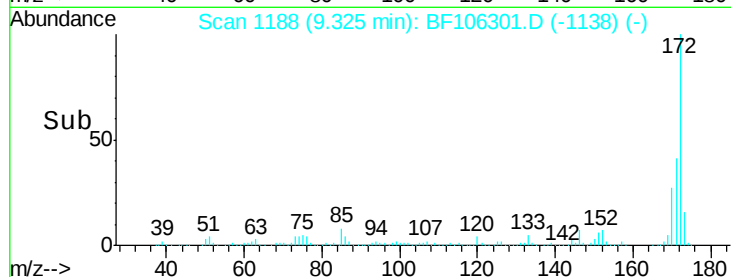
#44
 2-Fluorobiphenyl
 Concen: 60.622 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106301.D
 Acq: 11 Jun 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DB-S

Tgt Ion:172 Resp: 1571541
 Ion Ratio Lower Upper
 172 100
 171 40.6 29.7 44.5
 170 27.4 19.6 29.4

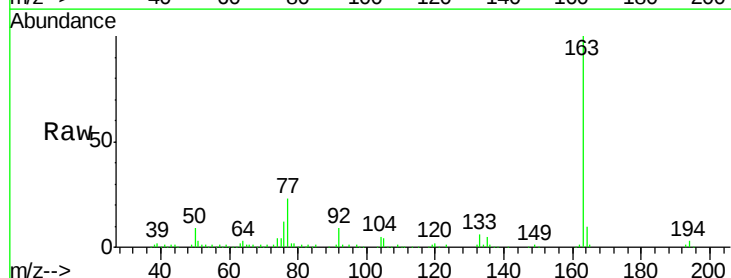


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

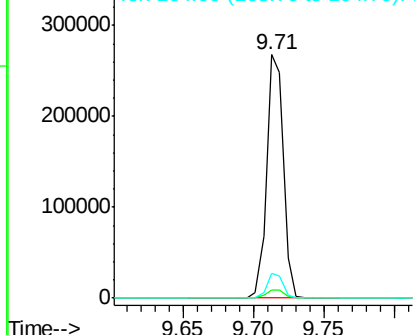
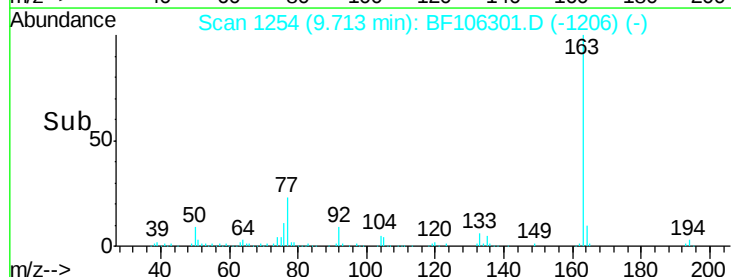


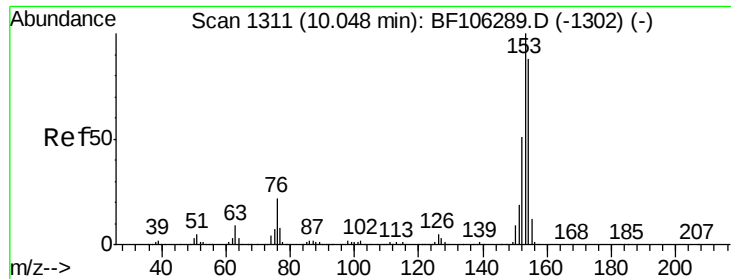
#49
 Dimethylphthalate
 Concen: 7.573 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF106301.D
 Acq: 11 Jun 2018 18:15

Tgt Ion:163 Resp: 225857
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.3 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

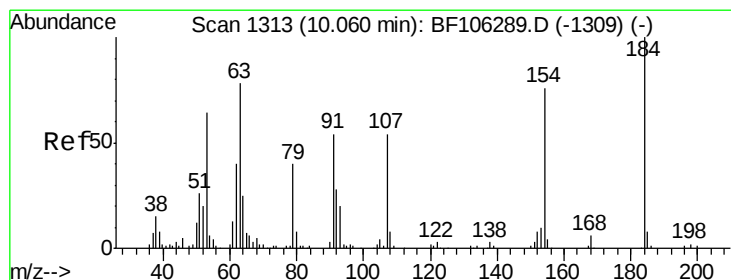
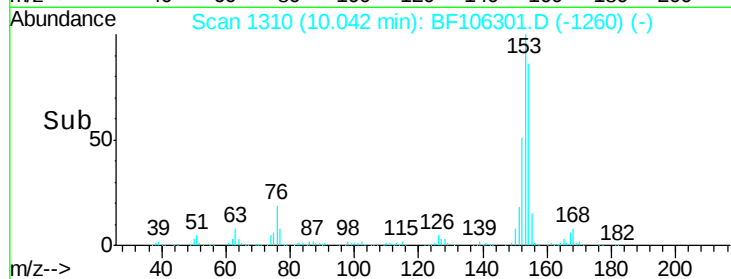
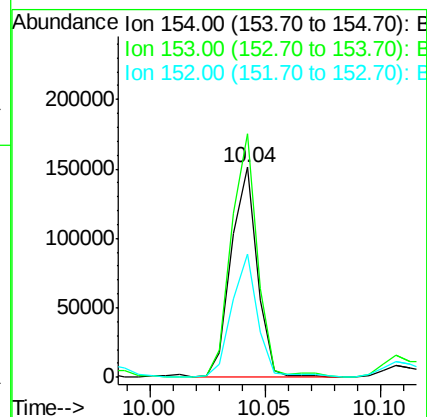
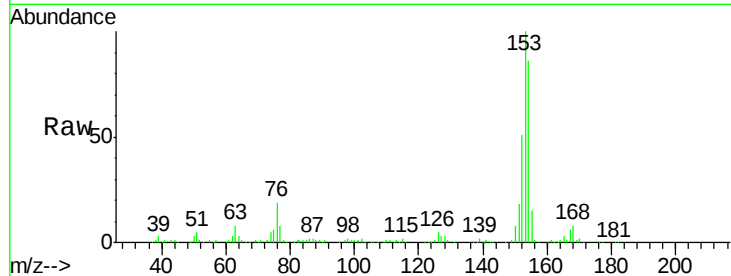




#51
Acenaphthene
Concen: 4.661 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF106301.D
Acq: 11 Jun 2018 18:15

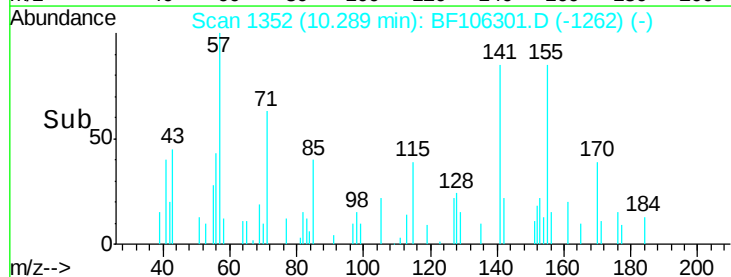
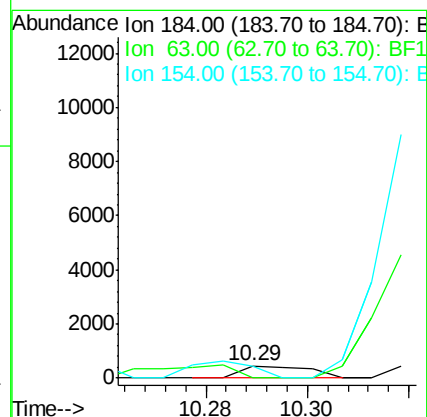
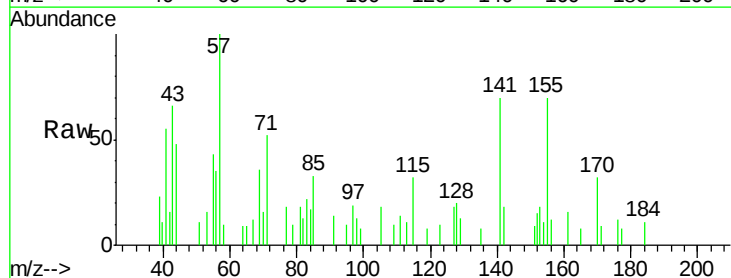
Instrument :
BNA_F
ClientSampleId :
TP-B-DB-S

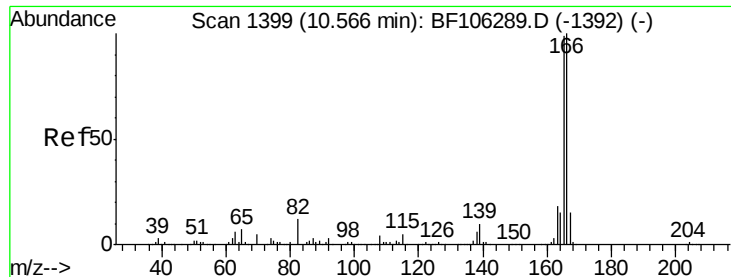
Tgt Ion:154 Resp: 119228
Ion Ratio Lower Upper
154 100
153 116.1 91.2 136.8
152 58.8 43.8 65.8



#53
2,4-Dinitrophenol
Concen: 8.747 ng
RT: 10.29 min Scan# 1352
Delta R.T. 0.23 min
Lab File: BF106301.D
Acq: 11 Jun 2018 18:15

Tgt Ion:184 Resp: 418
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 100.2 184.0 276.0#





#57

Fluorene

Concen: 5.855 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

TP-B-DB-S

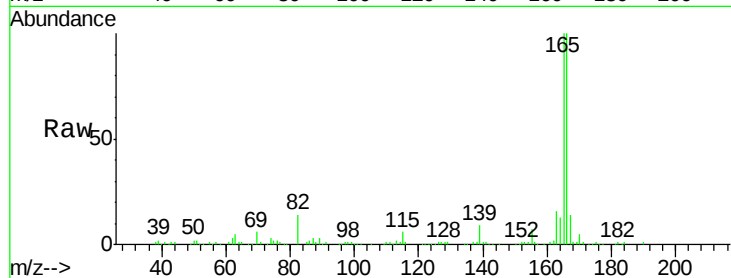
Tgt Ion:166 Resp: 159787

Ion Ratio Lower Upper

166 100

165 100.2 79.8 119.8

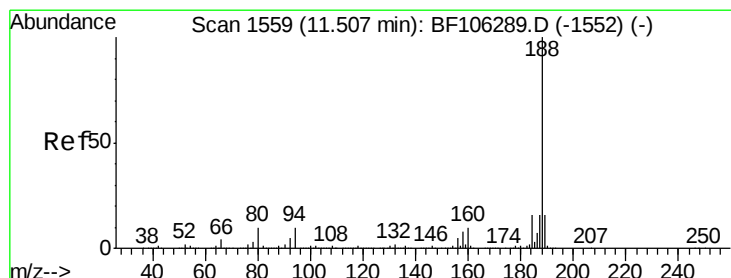
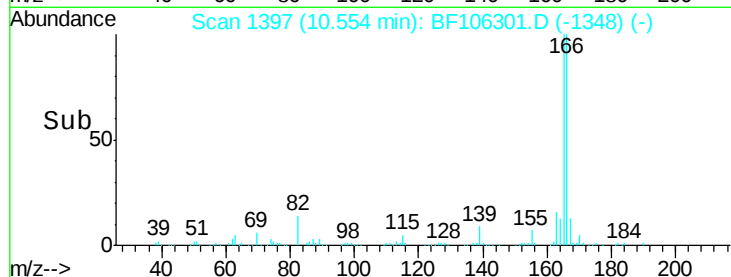
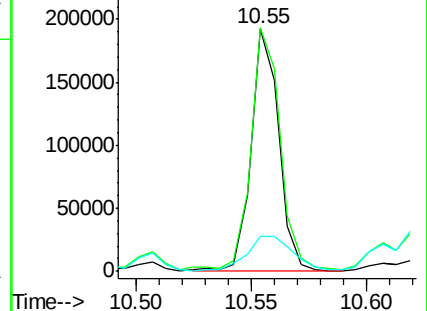
167 14.3 10.6 16.0



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: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

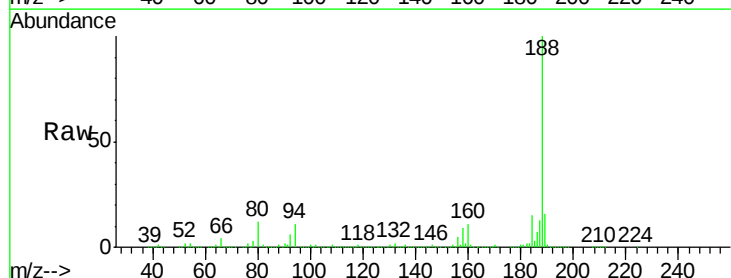
Tgt Ion:188 Resp: 791304

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

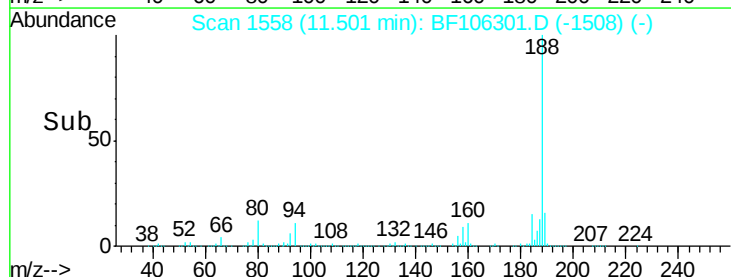
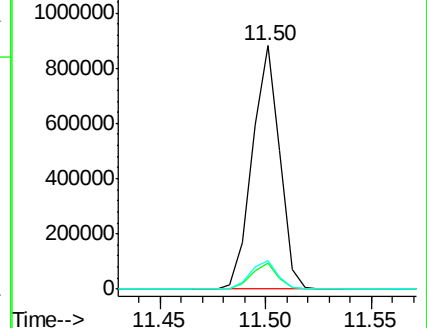
80 11.6 9.2 13.8

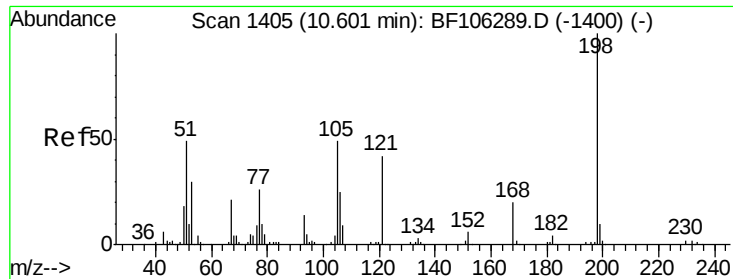


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

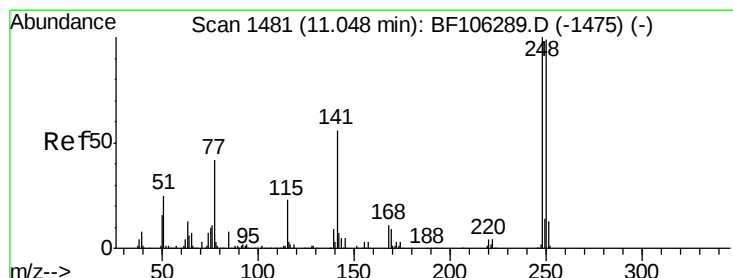
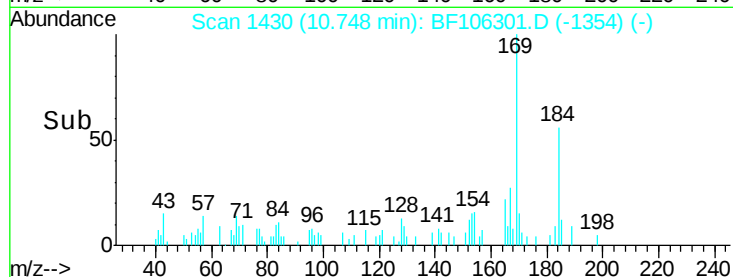
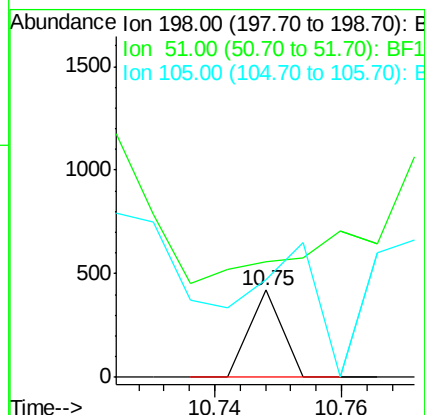
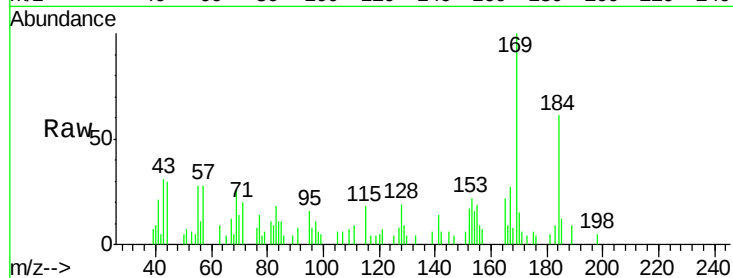




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.325 ng
 RT: 10.75 min Scan# 1430
 Delta R.T. 0.15 min
 Lab File: BF106301.D
 Acq: 11 Jun 2018 18:15

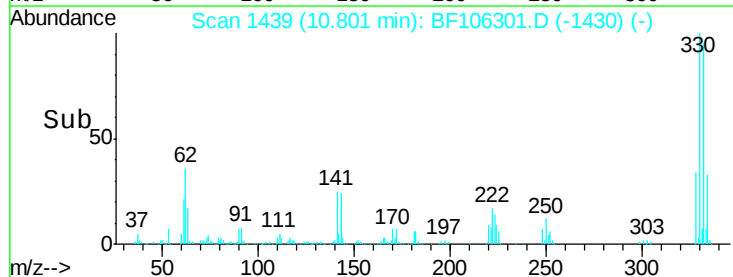
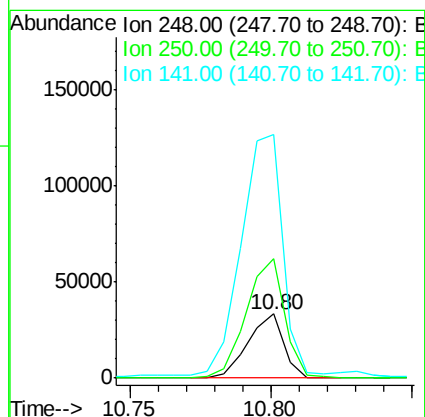
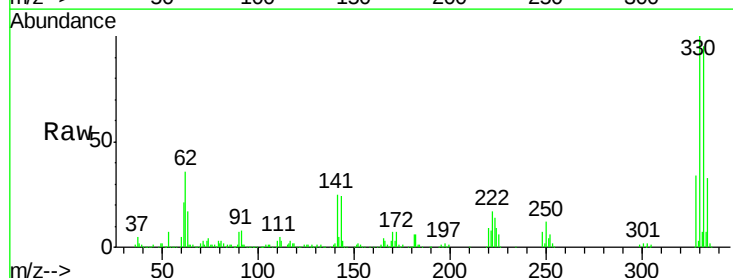
Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DB-S

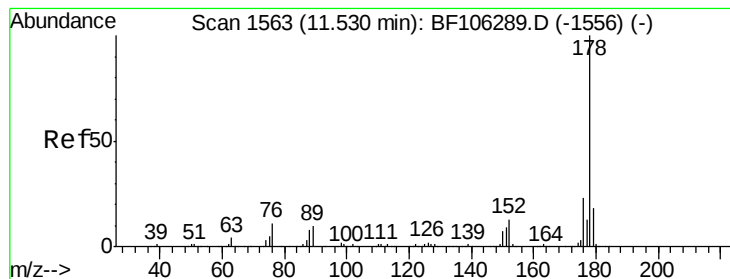
Tgt Ion:198 Resp: 148
 Ion Ratio Lower Upper
 198 100
 51 132.4 37.7 77.7#
 105 111.9 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.239 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF106301.D
 Acq: 11 Jun 2018 18:15

Tgt Ion:248 Resp: 29149
 Ion Ratio Lower Upper
 248 100
 250 187.6 76.9 115.3#
 141 381.3 74.4 111.6#





#70

Phenanthrene

Concen: 31.782 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

TP-B-DB-S

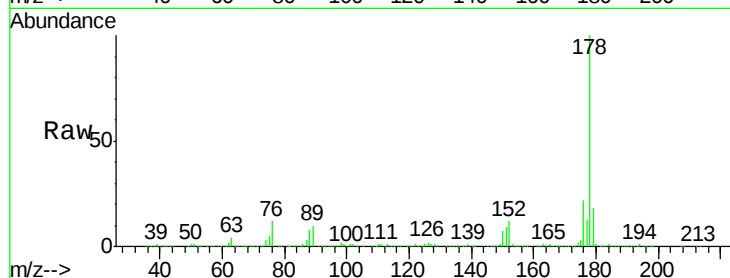
Tgt Ion:178 Resp: 1231669

Ion Ratio Lower Upper

178 100

176 22.2 15.8 23.8

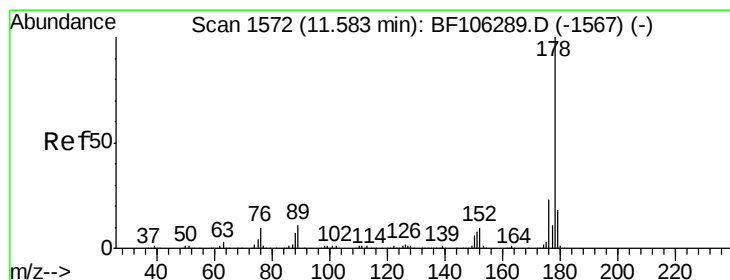
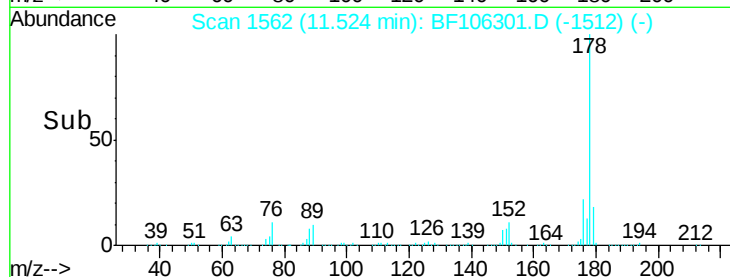
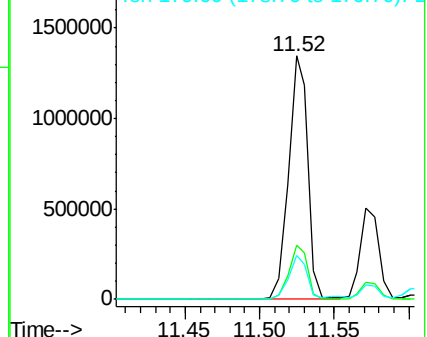
179 17.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 10.830 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

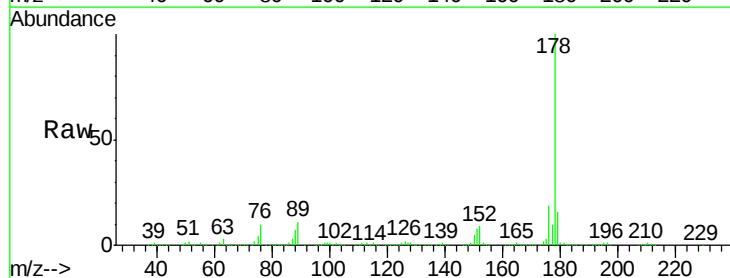
Tgt Ion:178 Resp: 420442

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

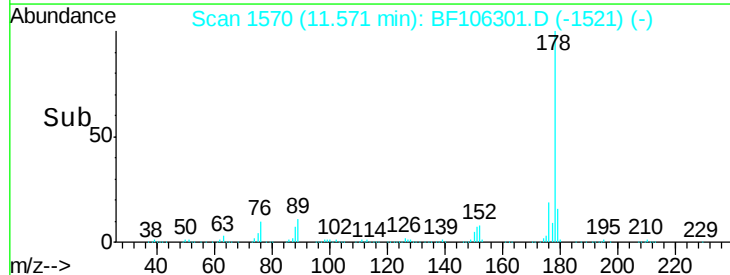
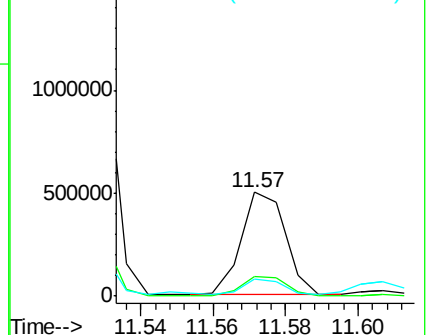
179 16.2 12.6 19.0

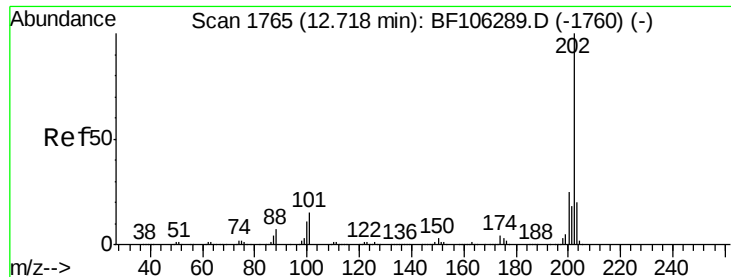


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 20.930 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

TP-B-DB-S

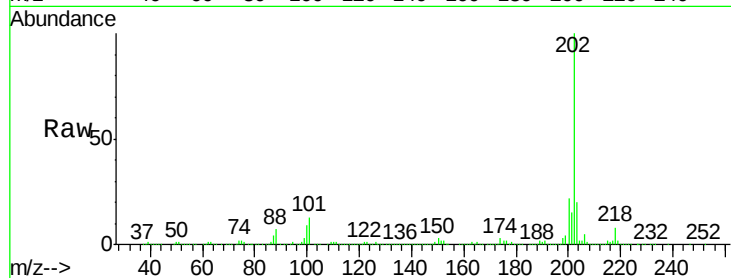
Tgt Ion:202 Resp: 865020

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

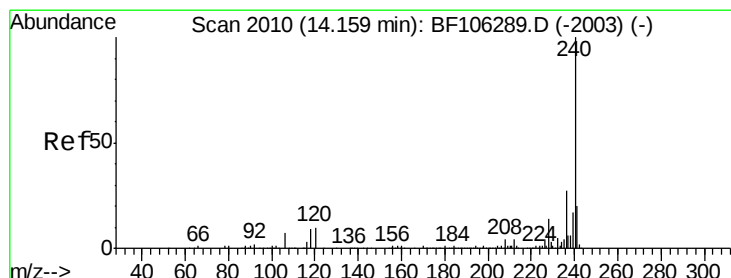
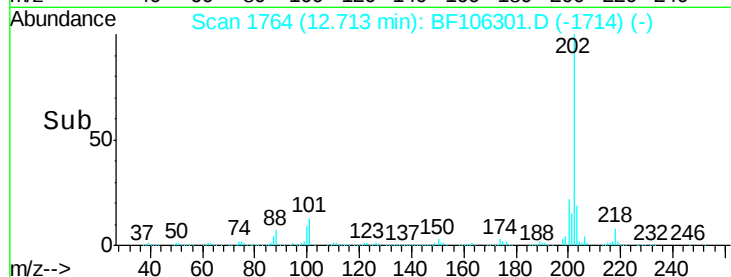
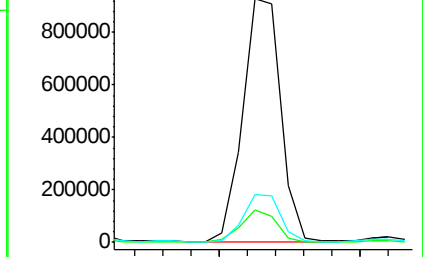
203 19.6 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

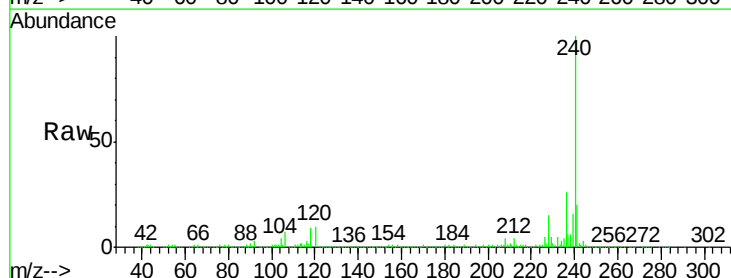
Tgt Ion:240 Resp: 552238

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

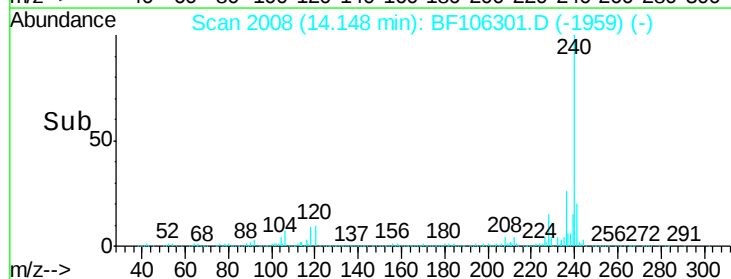
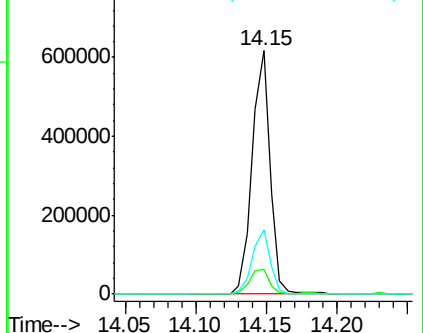
236 26.5 20.7 31.1

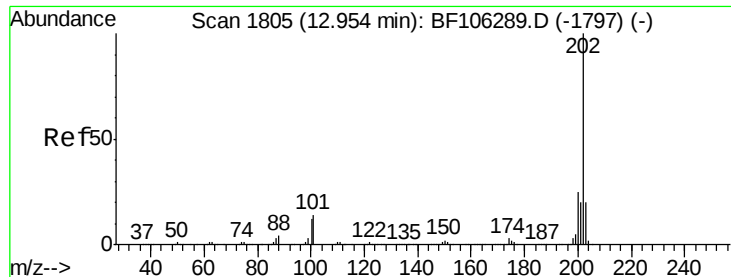


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 45.575 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

TP-B-DB-S

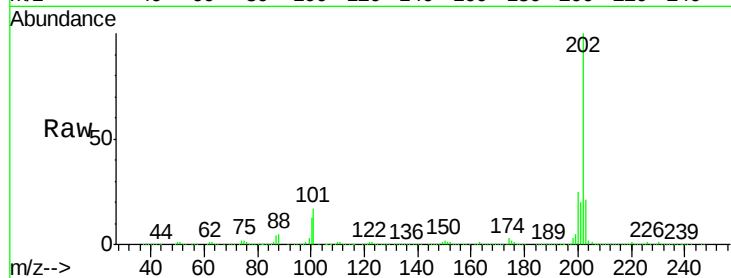
Tgt Ion:202 Resp: 1575672

Ion Ratio Lower Upper

202 100

200 24.7 17.4 26.2

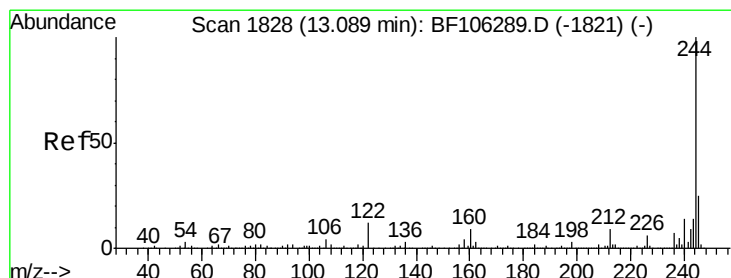
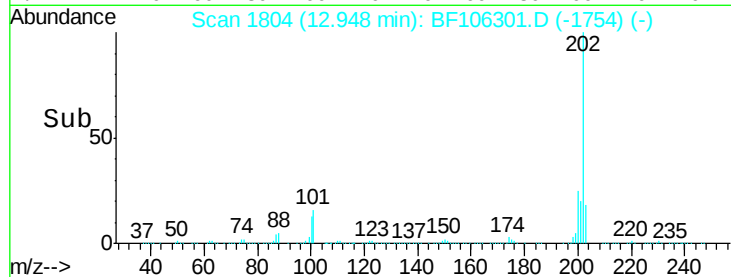
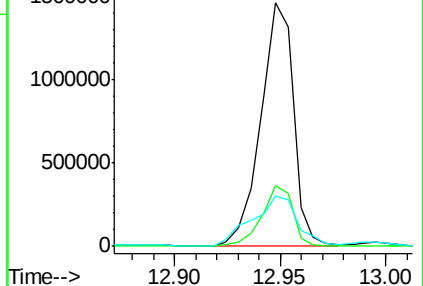
203 20.6 14.3 21.5



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: 69.767 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

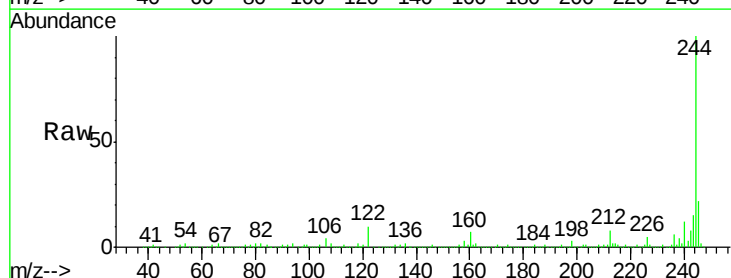
Tgt Ion:244 Resp: 1551189

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

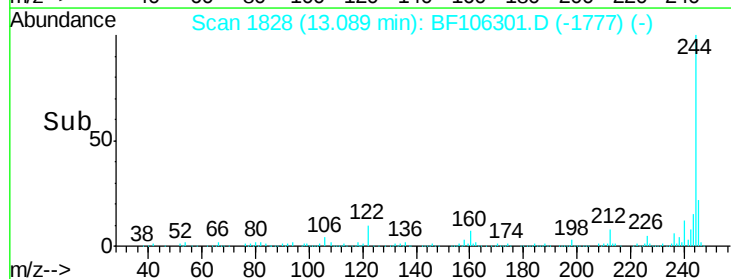
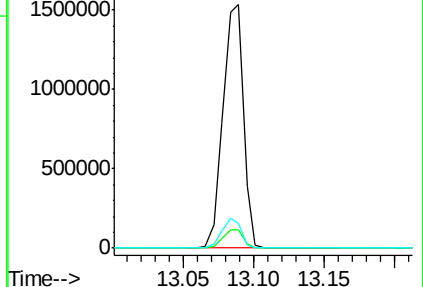
122 10.2 11.0 16.4#

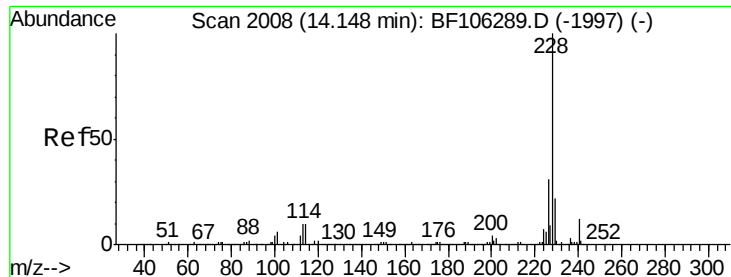


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 18.389 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

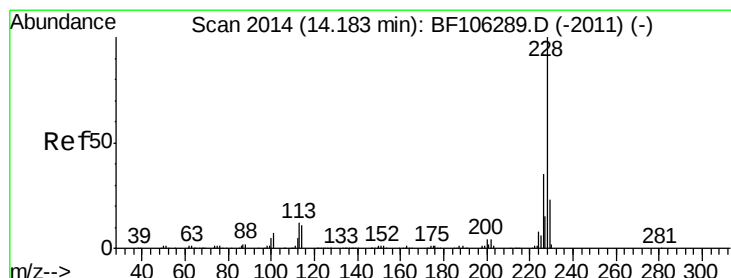
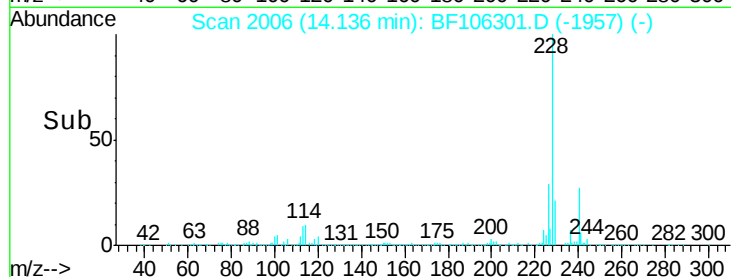
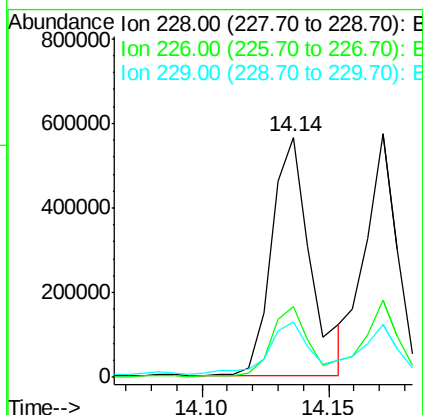
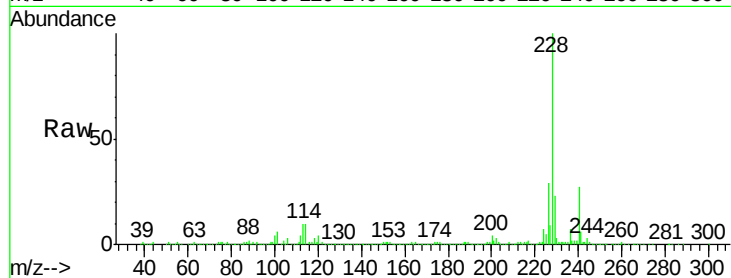
Instrument :

BNA_F

ClientSampleId :

TP-B-DB-S

Tgt Ion:	228	Resp:	604310
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	22.9	15.8	23.6



#82

Chrysene

Concen: 16.803 ng

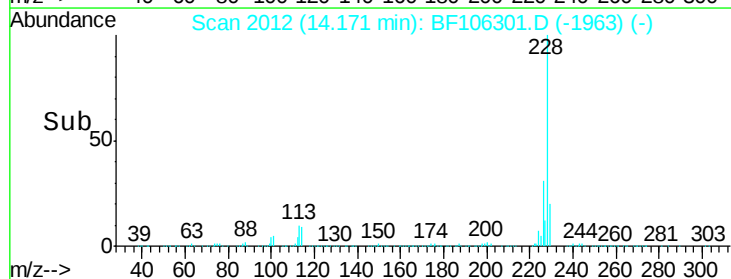
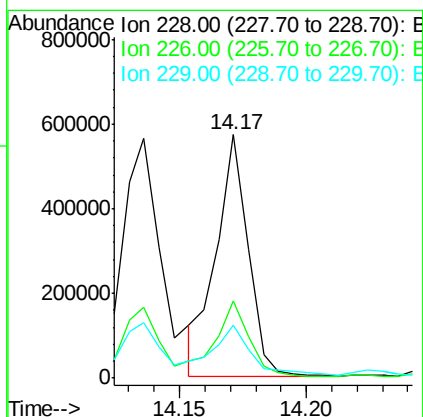
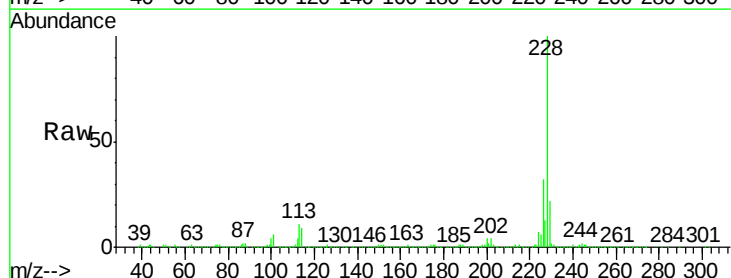
RT: 14.17 min Scan# 2012

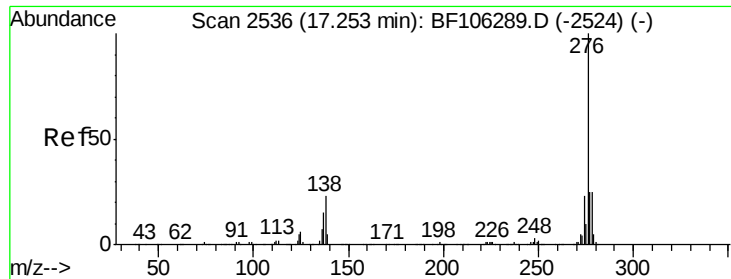
Delta R.T. -0.01 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

Tgt Ion:	228	Resp:	504167
Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	21.9	16.2	24.4

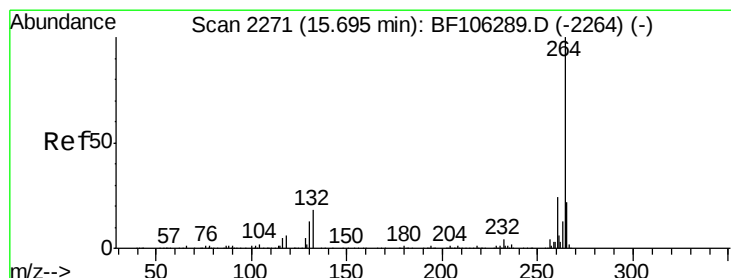
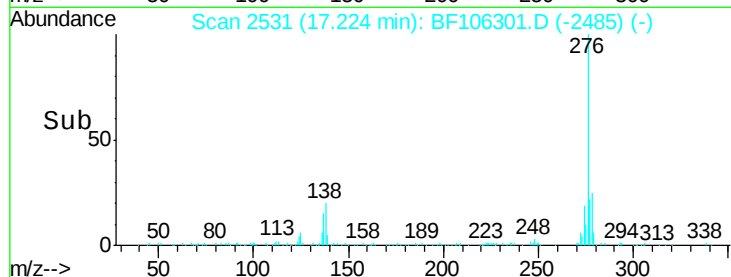
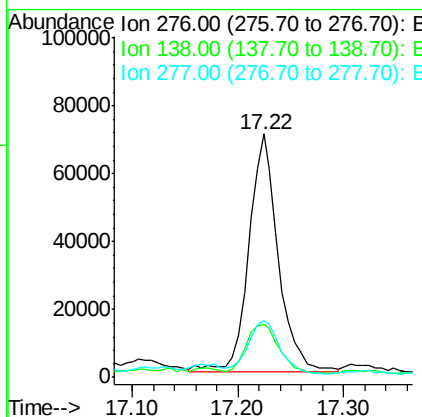
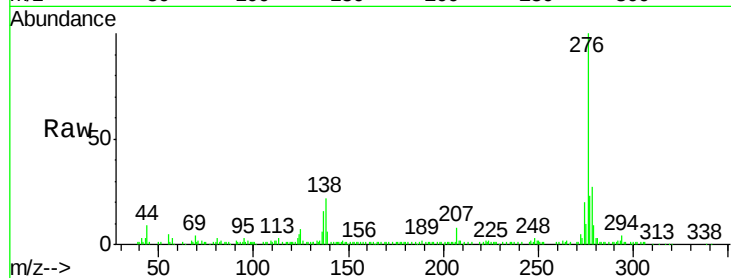




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.690 ng
 RT: 17.22 min Scan# 2531
 Delta R.T. -0.03 min
 Lab File: BF106301.D
 Acq: 11 Jun 2018 18:15

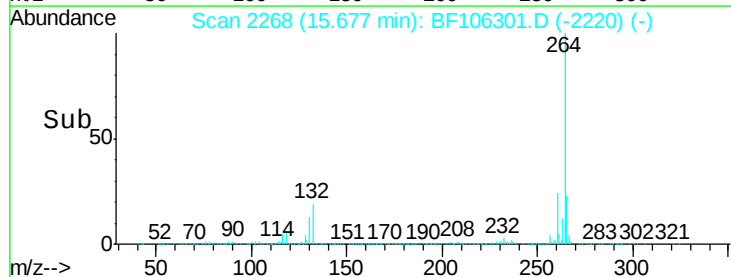
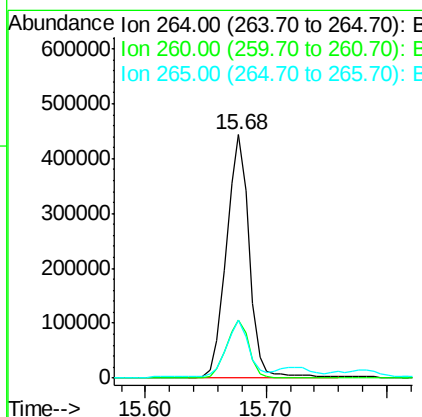
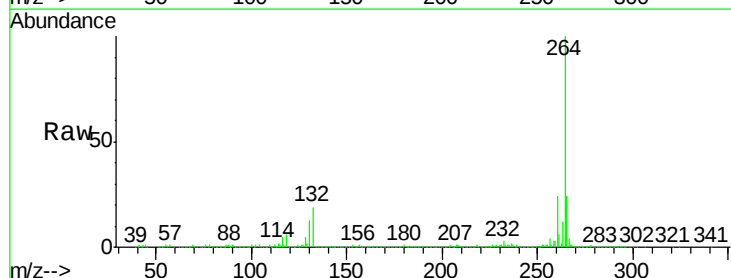
Instrument :
 BNA_F
 ClientSampleID :
 TP-B-DB-S

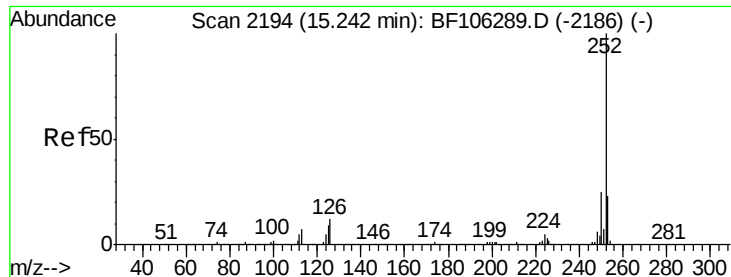
Tgt Ion:276 Resp: 136243
 Ion Ratio Lower Upper
 276 100
 138 22.9 25.0 37.6#
 277 24.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF106301.D
 Acq: 11 Jun 2018 18:15

Tgt Ion:264 Resp: 578826
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 23.6 17.5 26.3

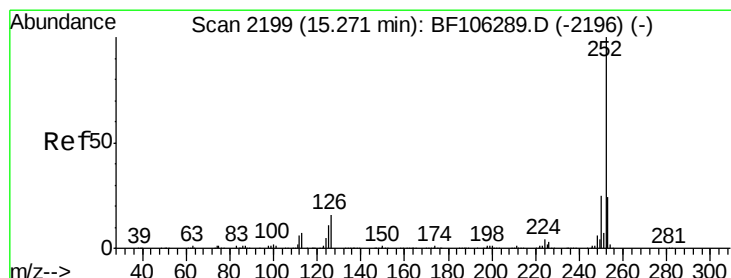
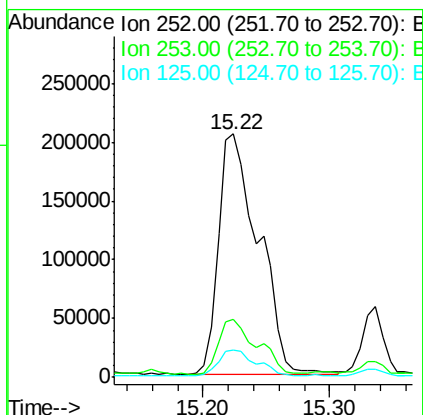
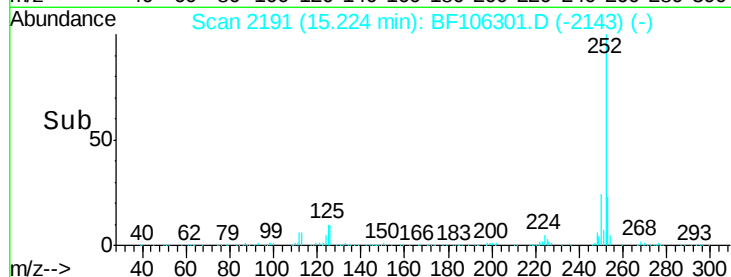
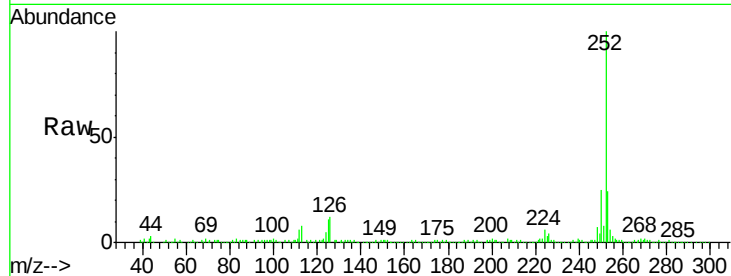




#87
Benzo(b)fluoranthene
Concen: 12.879 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF106301.D
Acq: 11 Jun 2018 18:15

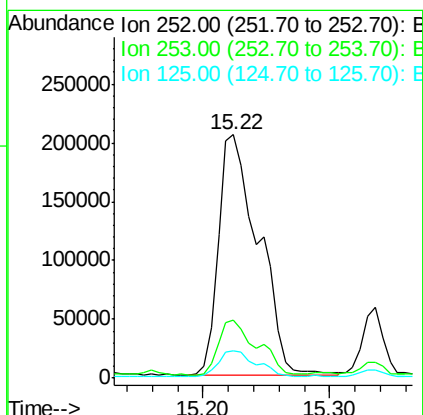
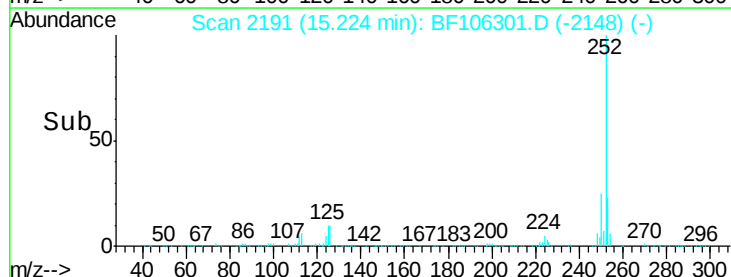
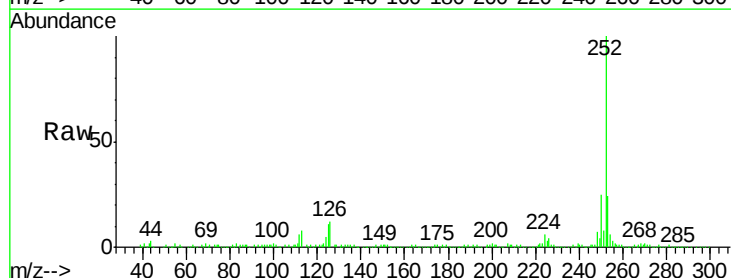
Instrument :
BNA_F
ClientSampleId :
TP-B-DB-S

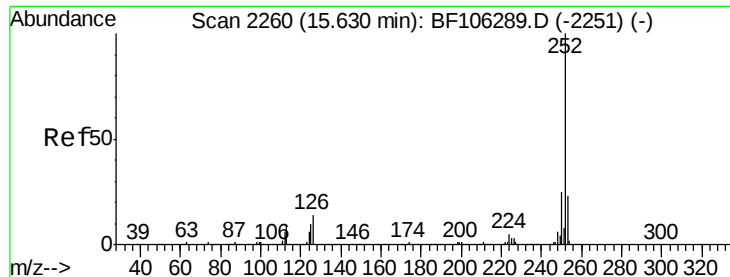
Tgt Ion:252 Resp: 450612
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 13.040 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.05 min
Lab File: BF106301.D
Acq: 11 Jun 2018 18:15

Tgt Ion:252 Resp: 451861
Ion Ratio Lower Upper
252 100
253 24.0 17.9 26.9
125 11.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 13.192 ng

RT: 15.61 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

TP-B-DB-S

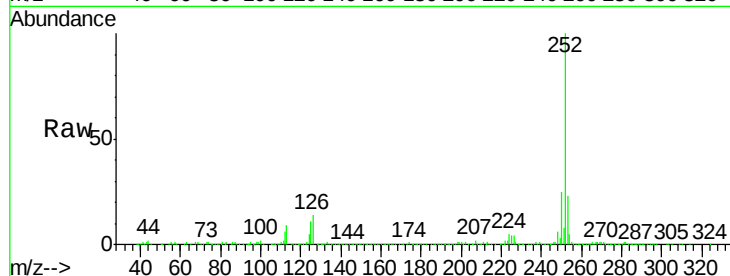
Tgt Ion:252 Resp: 415163

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

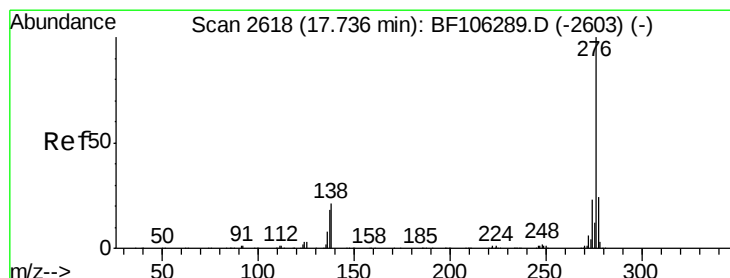
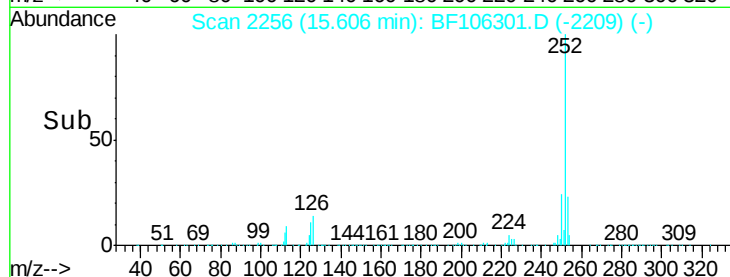
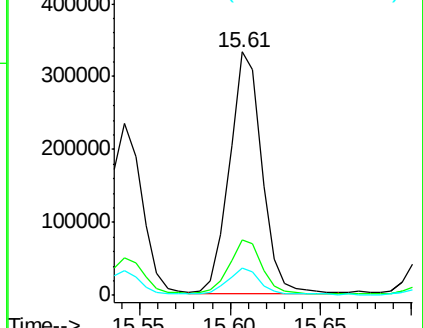
125 11.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 7.112 ng

RT: 17.70 min Scan# 2612

Delta R.T. -0.04 min

Lab File: BF106301.D

Acq: 11 Jun 2018 18:15

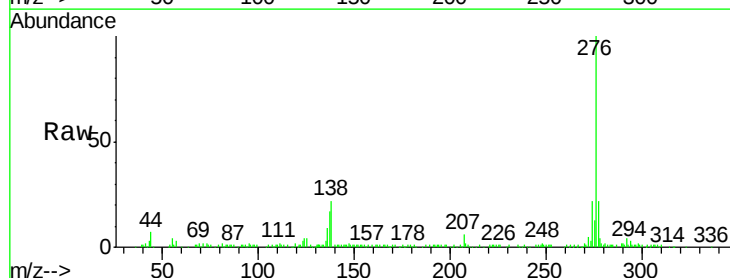
Tgt Ion:276 Resp: 181358

Ion Ratio Lower Upper

276 100

277 22.2 17.9 26.9

138 21.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

