

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106700.D
 Acq On : 22 Jun 2018 11:18
 Operator : JU/SJ
 Sample : J3603-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 11:48:11 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

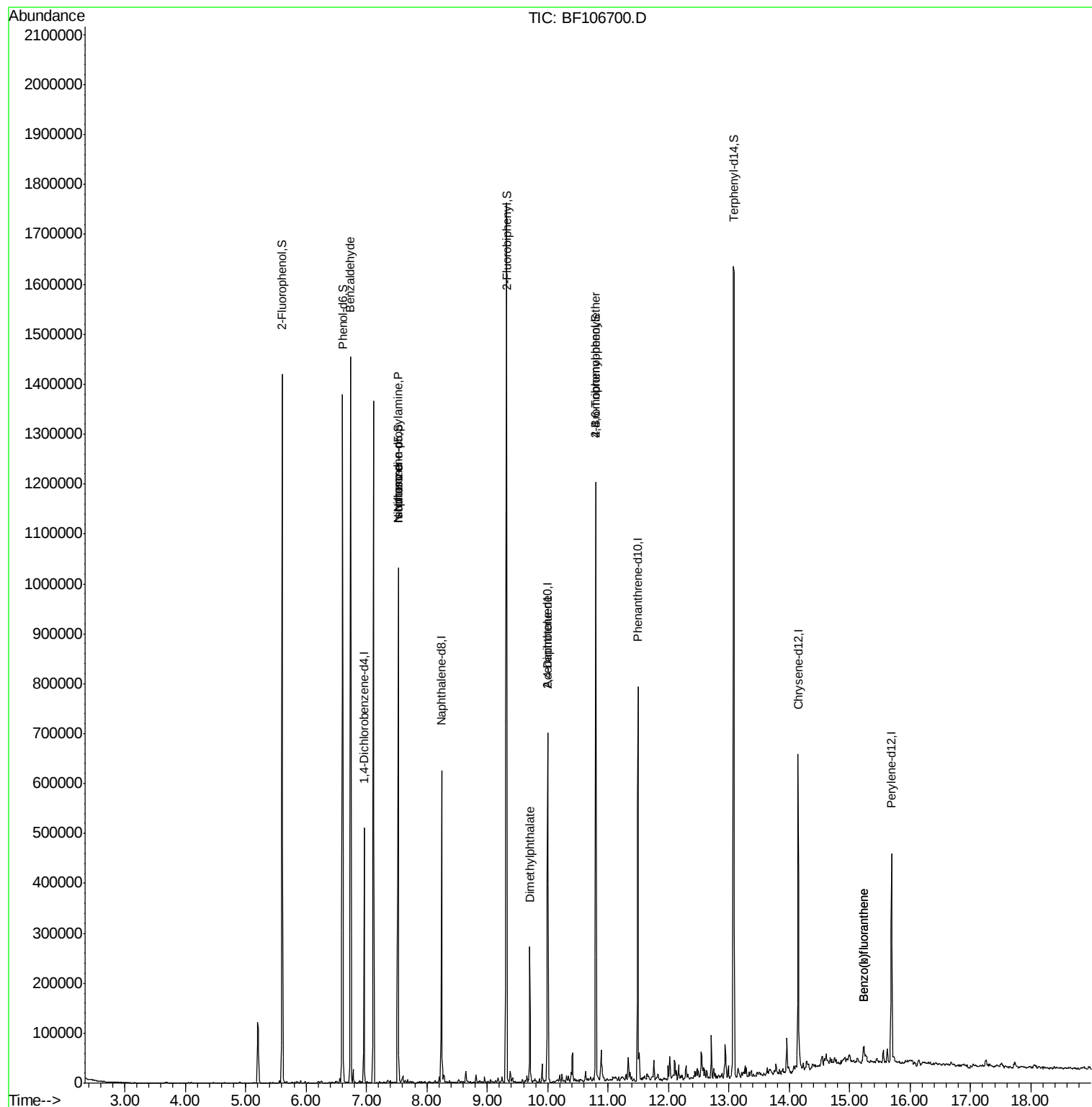
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	68824	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	265501	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	138938	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	282910	20.00	ng	0.00
75) Chrysene-d12	14.15	240	209398	20.00	ng	0.00
86) Perylene-d12	15.69	264	215708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	418271	102.91	ng	0.00
7) Phenol-d6	6.61	99	553889	109.13	ng	0.00
23) Nitrobenzene-d5	7.52	82	388280	81.27	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	185358	115.11	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	606233	71.51	ng	0.00
78) Terphenyl-d14	13.08	244	656703	75.97	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	9984	2.337	ng	86
19) n-Nitroso-di-n-propylamine	7.52	70	51186	15.299	ng	# 72
25) Isophorone	7.52	82	388348	46.130	ng	# 64
49) Dimethylphthalate	9.71	163	95389	9.154	ng	99
56) 2,4-Dinitrotoluene	10.00	165	17730	6.156	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	11525	3.413	ng	# 1
87) Benzo(b)fluoranthene	15.23	252	28232	2.107	ng	# 91
88) Benzo(k)fluoranthene	15.23	252	28232	2.212	ng	# 93

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

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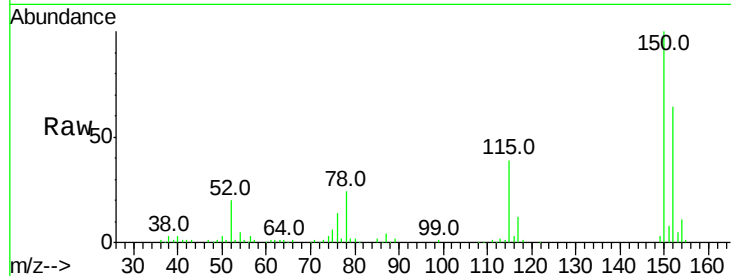


#1

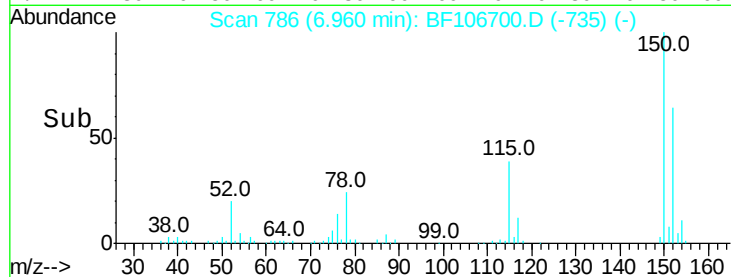
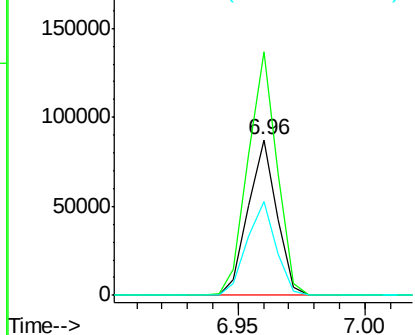
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68824
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 60.6 50.1 75.1



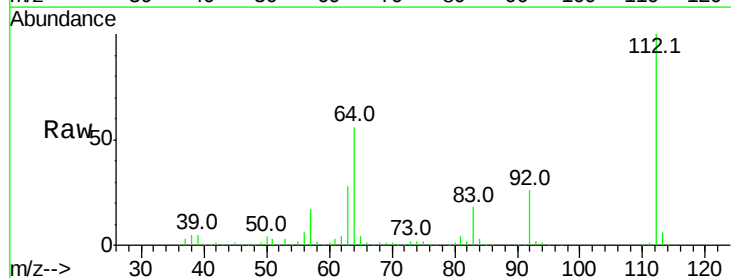
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



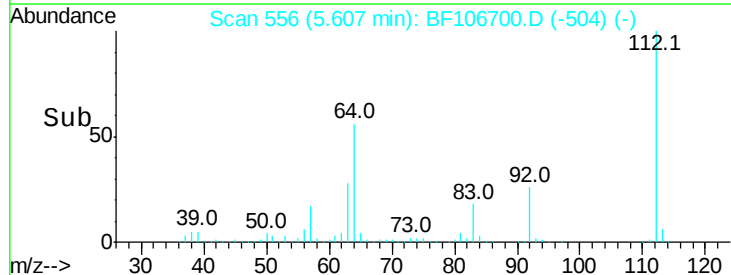
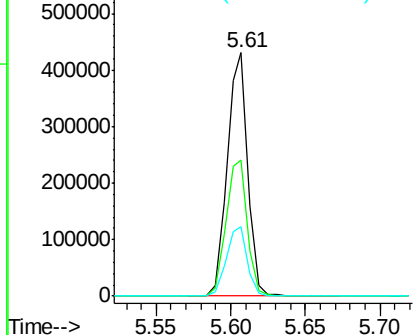
#5

2-Fluorophenol
Concen: 102.910 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

Tgt Ion:112 Resp: 418271
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 28.4 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: 109.126 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106700.D

Acq: 22 Jun 2018 11:18

Instrument :

BNA_F

ClientSampleId :

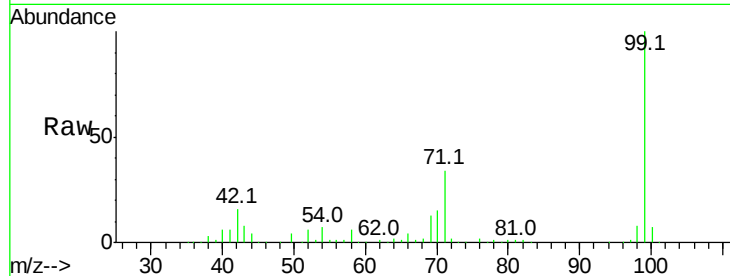
Tot Ion: 99 Resp: 553889

Ion Ratio Lower Upper

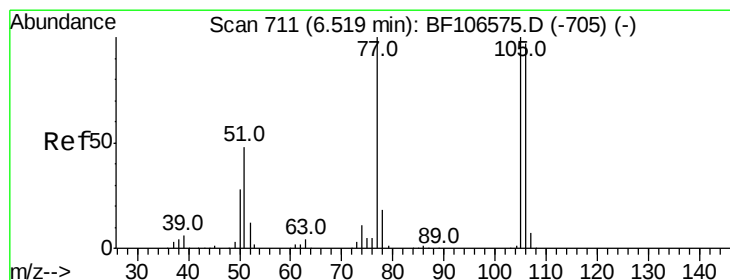
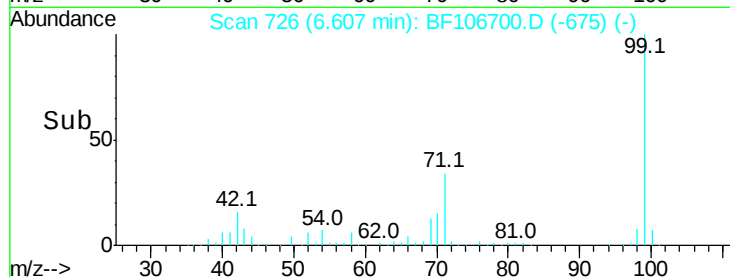
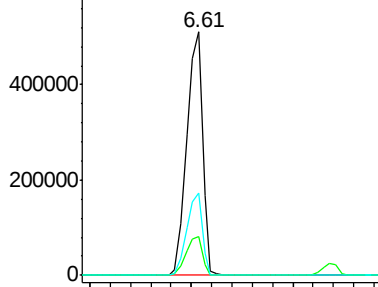
99 100

42 15.9 14.5 21.7

71 33.9 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: 2.337 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106700.D

Acq: 22 Jun 2018 11:18

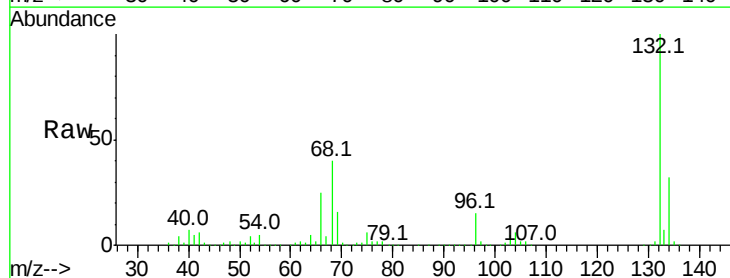
Tgt Ion: 77 Resp: 9984

Ion Ratio Lower Upper

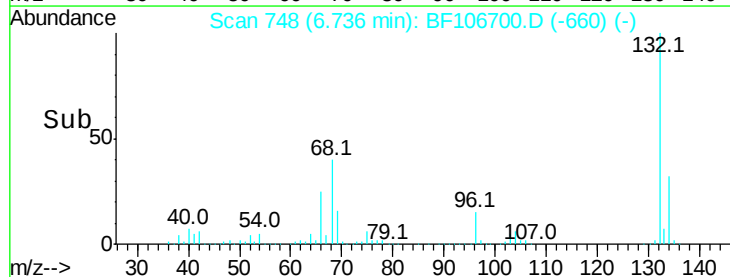
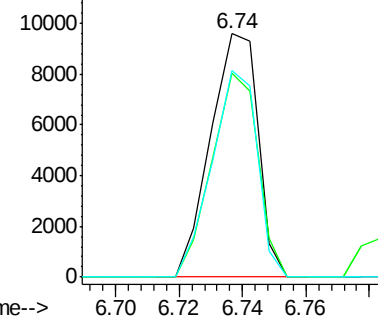
77 100

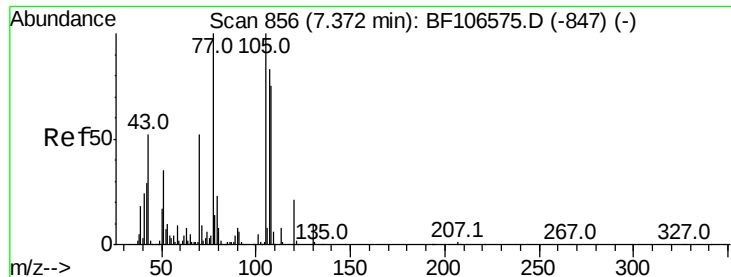
105 83.8 81.1 121.1

106 85.0 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

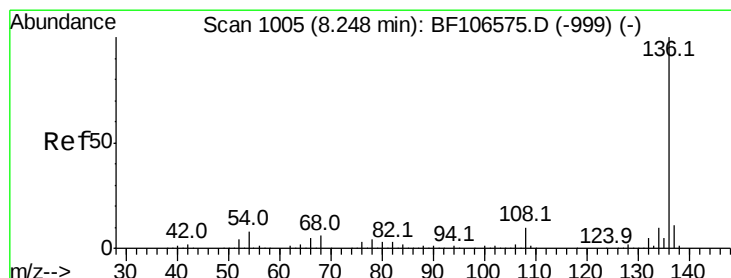
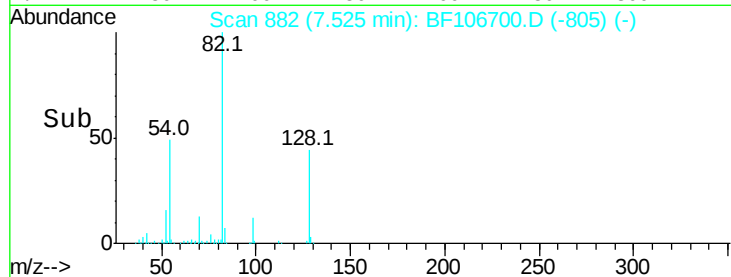
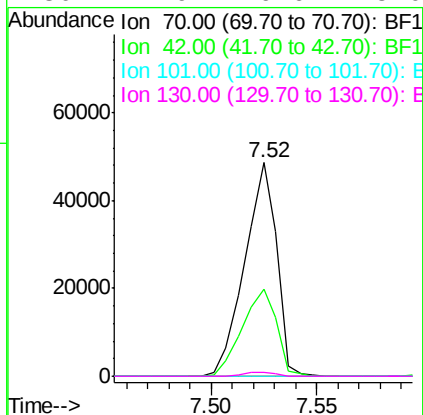
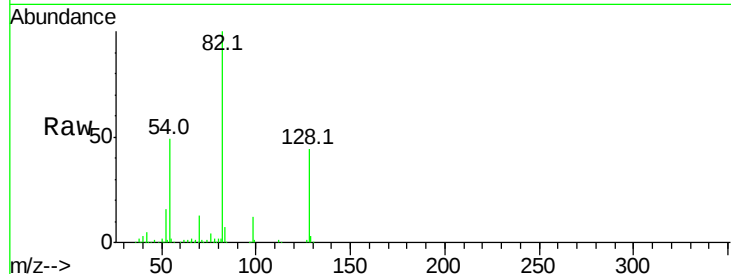




#19
n-Nitroso-di-n-propylamine
Concen: 15.299 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

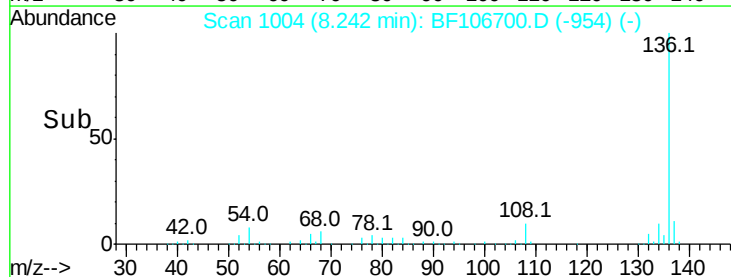
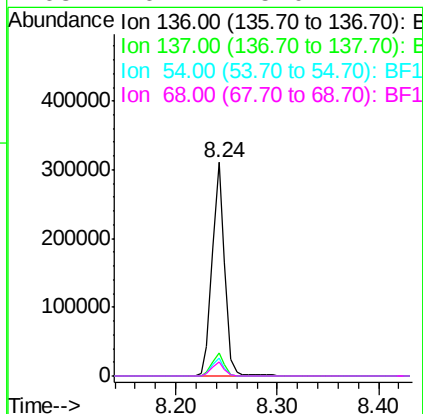
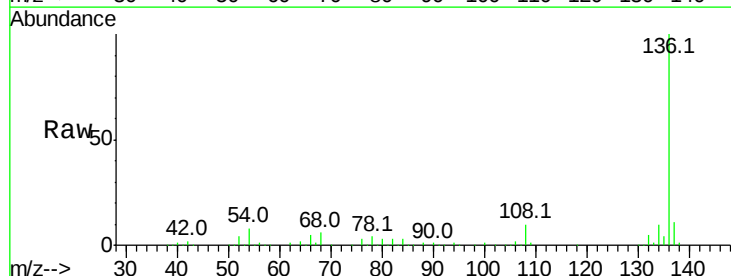
Instrument :
BNA_F
ClientSampleId :

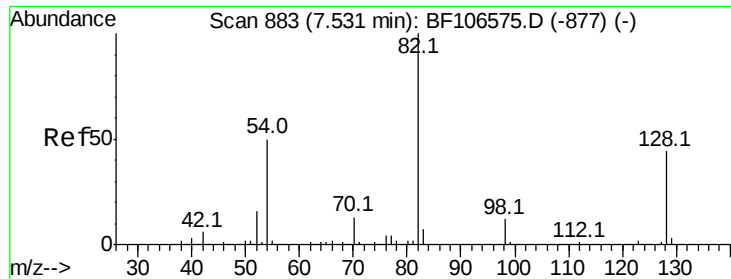
Tot Ion: 70 Resp: 51186
Ion Ratio Lower Upper
70 100
42 41.0 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

Tgt Ion: 136 Resp: 265501
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.2 6.6 9.8
68 6.4 5.0 7.4

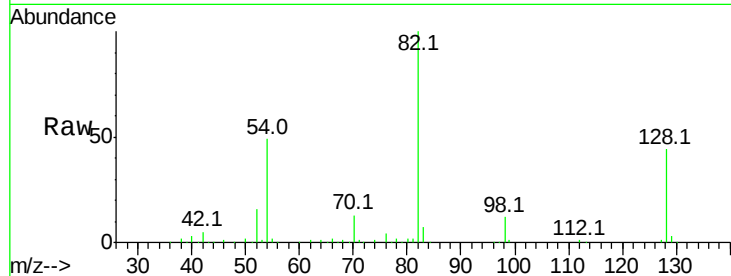




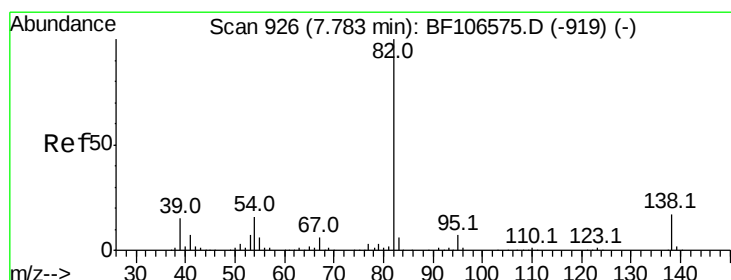
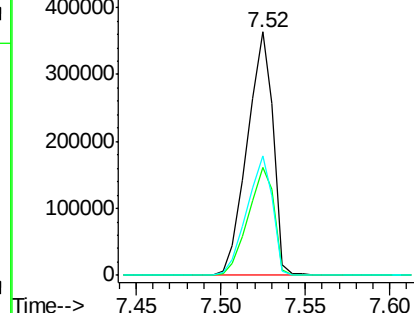
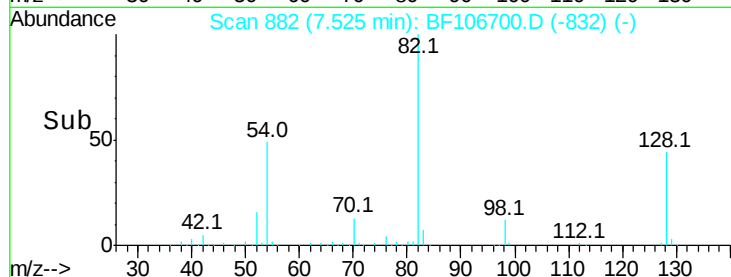
#23
Nitrobenzene-d5
Concen: 81.273 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	388280
Ion Ratio	100	Lower	Upper
128	44.1	36.1	54.1
54	49.3	41.4	62.2

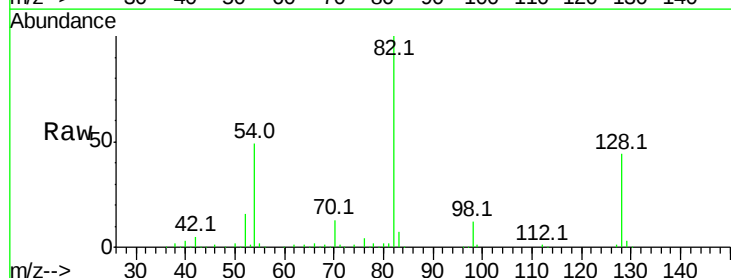


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

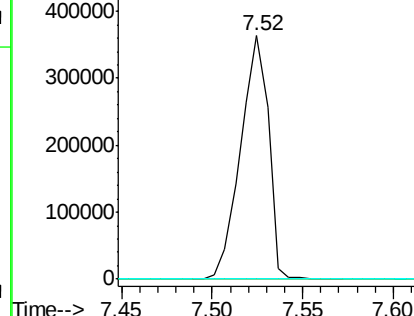
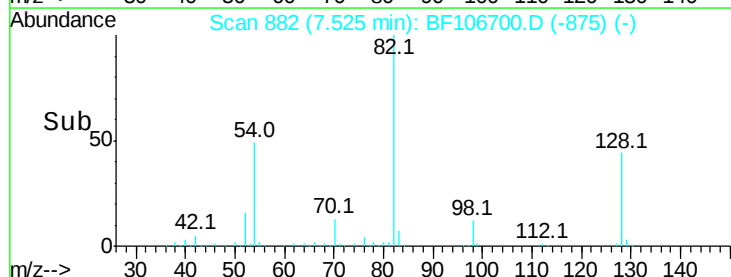


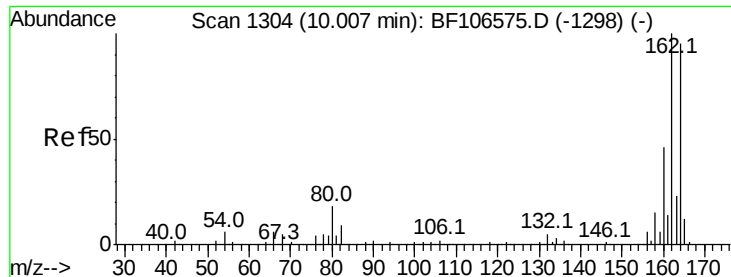
#25
Isophorone
Concen: 46.130 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

Tgt Ion	82	Resp	388348
Ion Ratio	100	Lower	Upper
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

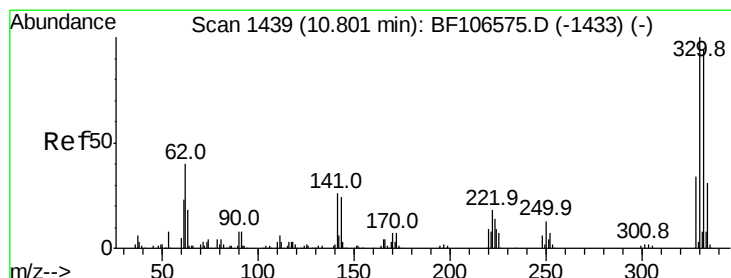
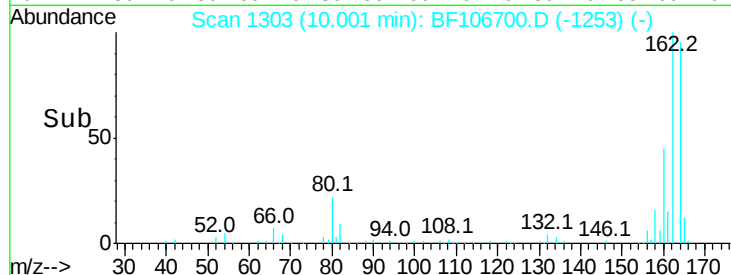
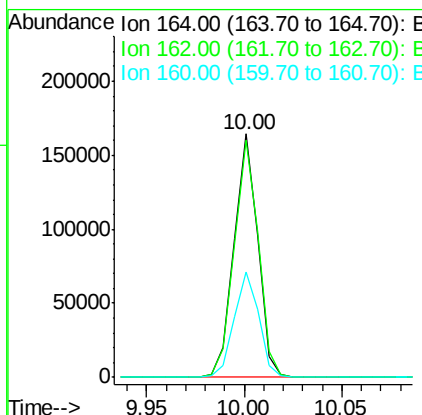
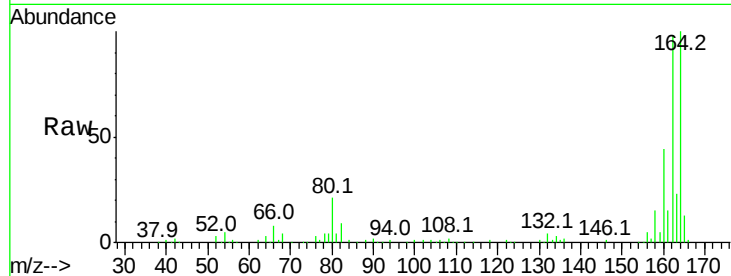




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

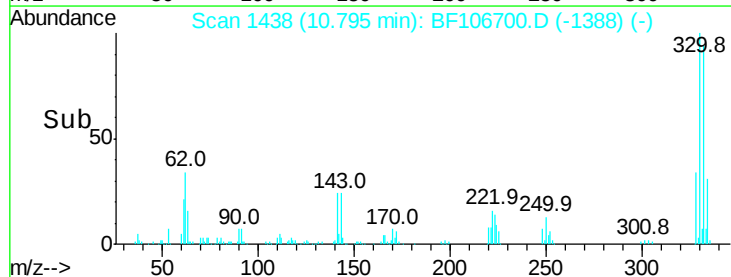
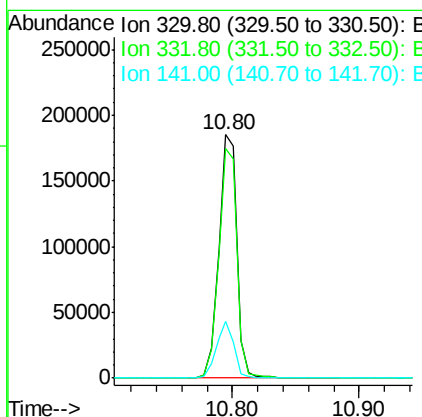
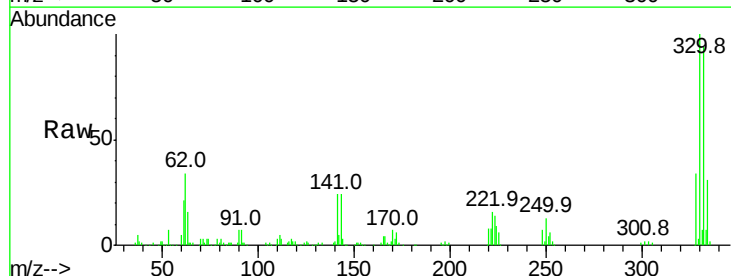
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 138938
Ion Ratio Lower Upper
164 100
162 97.5 86.1 129.1
160 43.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 115.106 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

Tgt Ion:330 Resp: 185358
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 22.9 29.9 44.9#

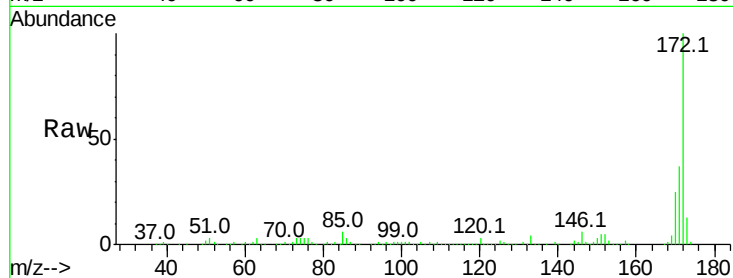




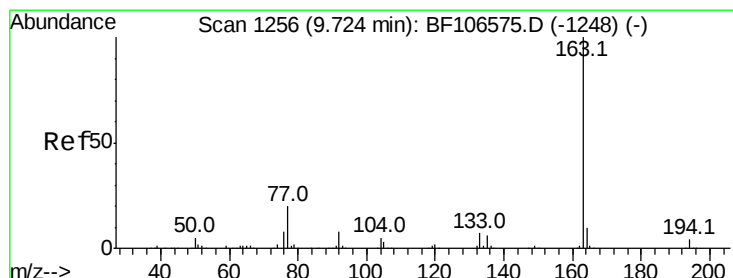
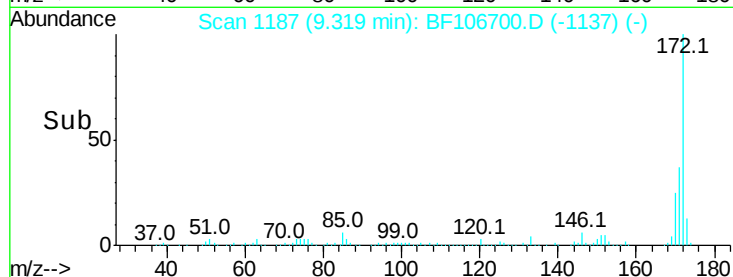
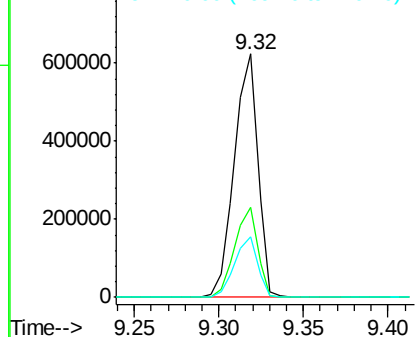
#44
2-Fluorobiphenyl
Concen: 71.515 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 606233
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 25.0 19.6 29.4

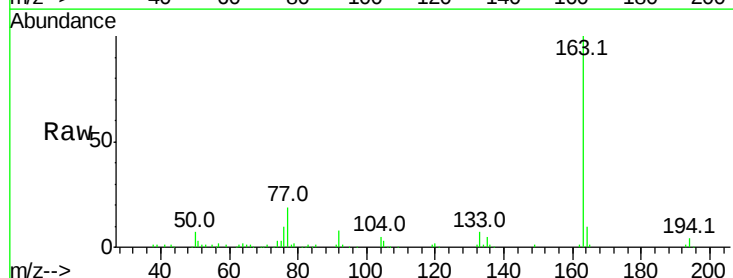


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

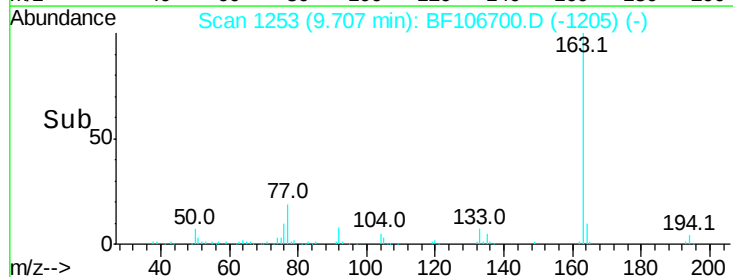
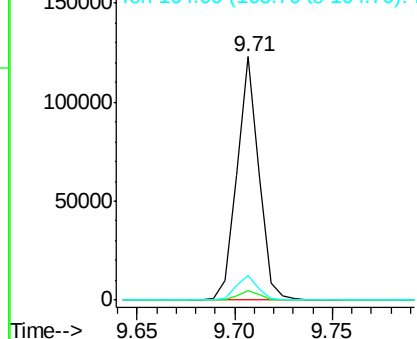


#49
Dimethylphthalate
Concen: 9.154 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

Tgt Ion:163 Resp: 95389
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.4 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

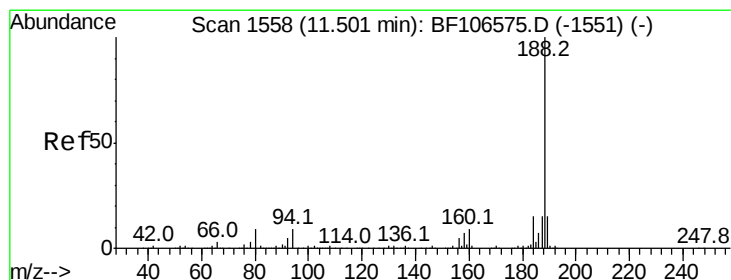
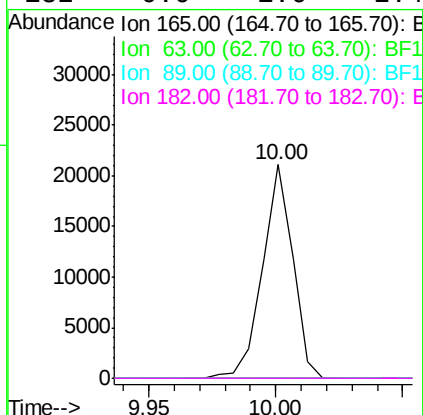
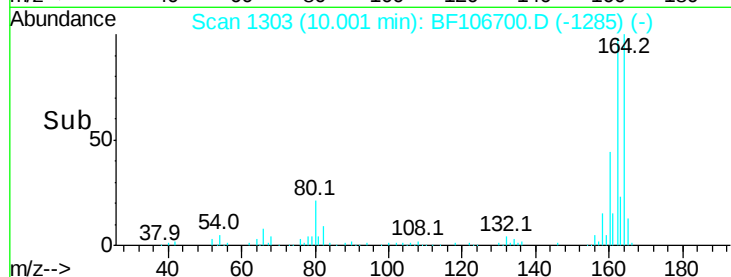
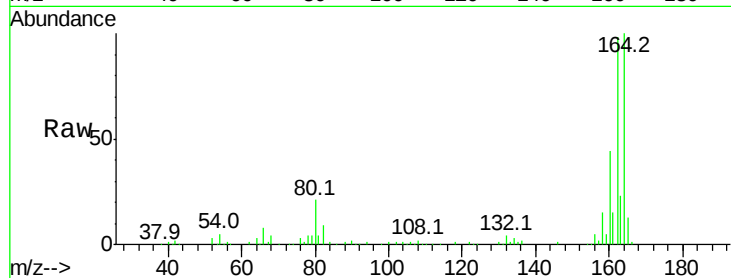




#56
2,4-Dinitrotoluene
Concen: 6.156 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

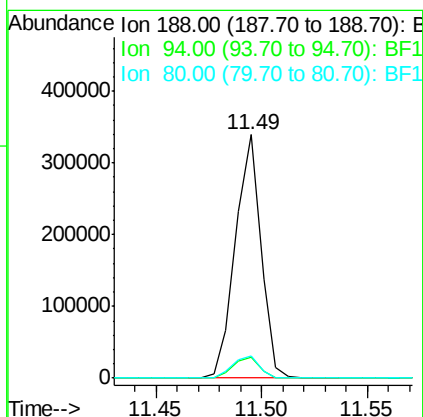
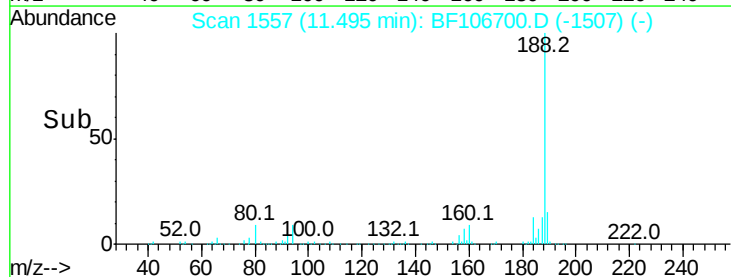
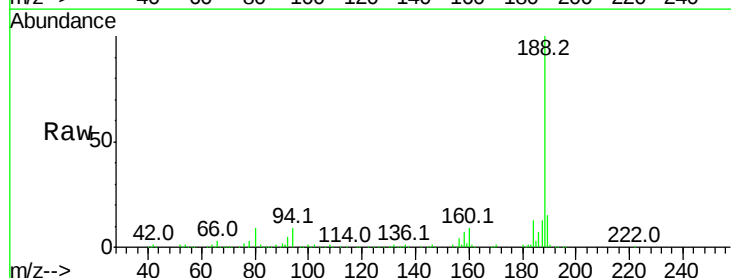
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.1	9.2	13.8#

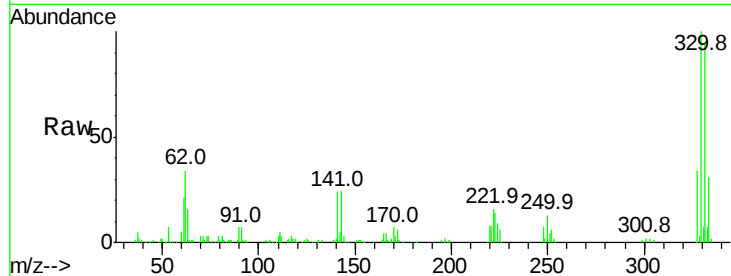




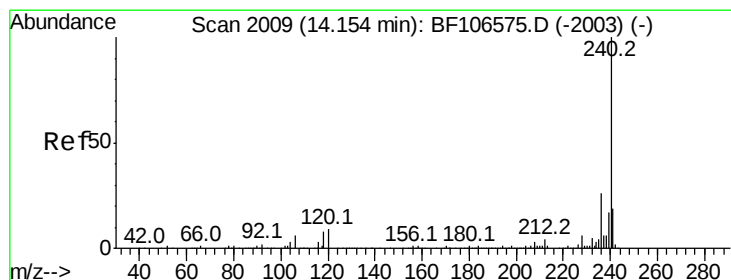
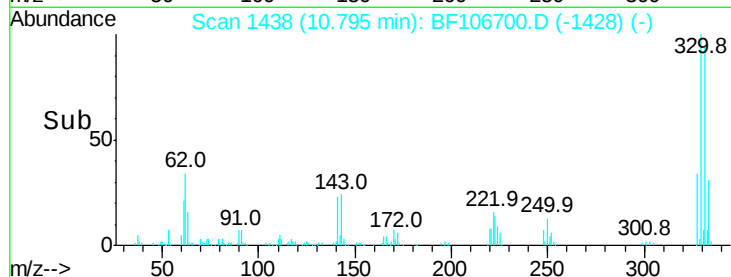
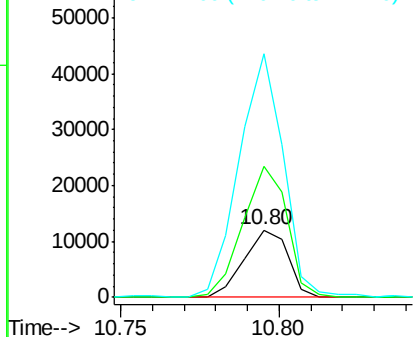
#66
4-Bromophenyl-phenylether
Concen: 3.413 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	194.9	76.9	115.3#
141	361.0	74.4	111.6#

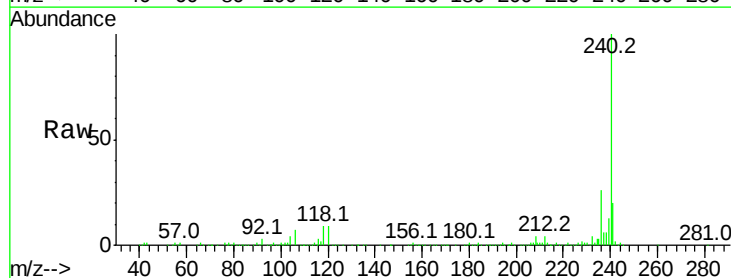


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

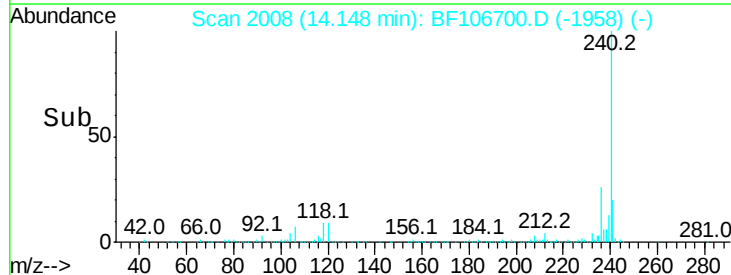
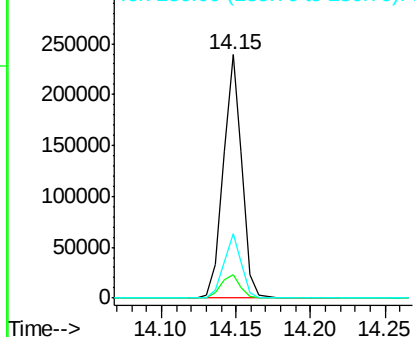


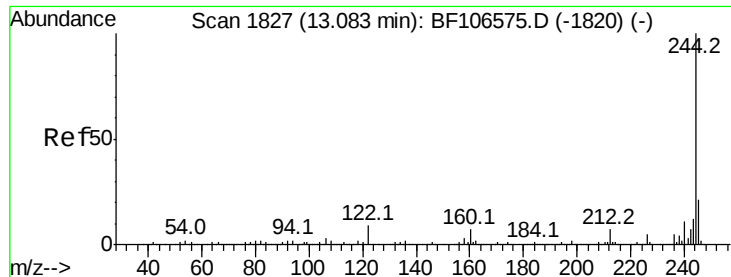
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106700.D
Acq: 22 Jun 2018 11:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.4	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

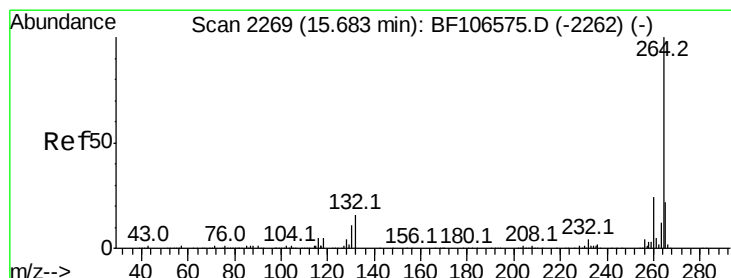
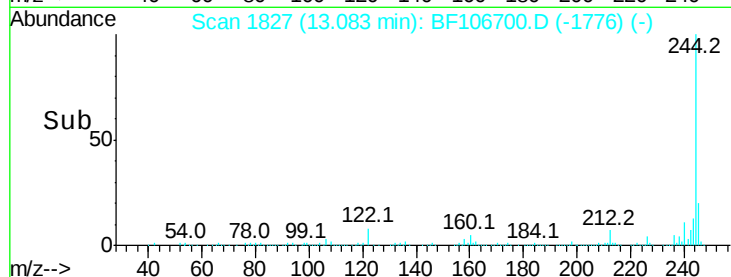
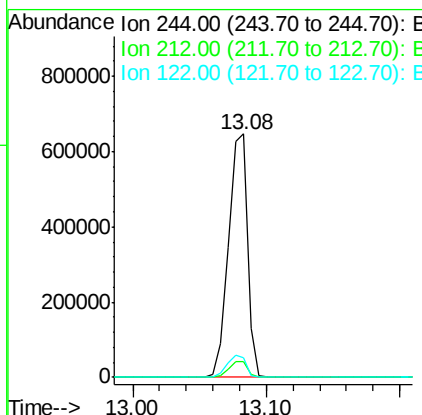
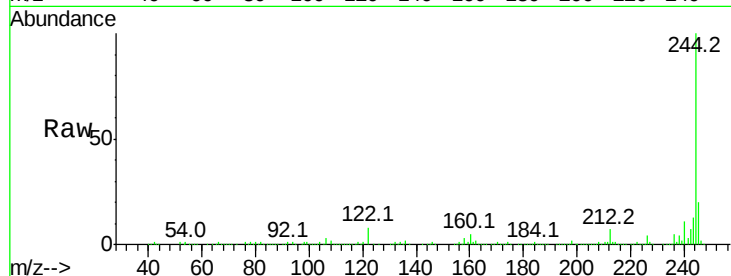




#78
 Terphenyl-d14
 Concen: 75.967 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF106700.D
 Acq: 22 Jun 2018 11:18

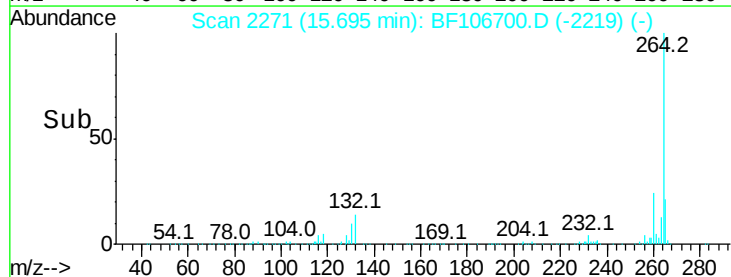
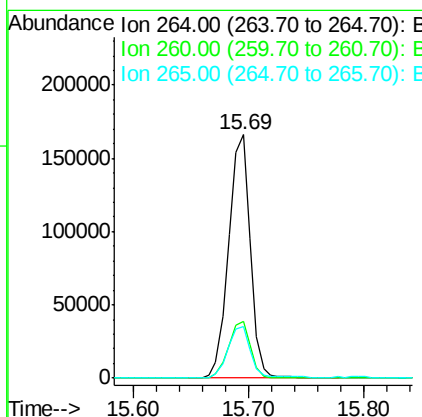
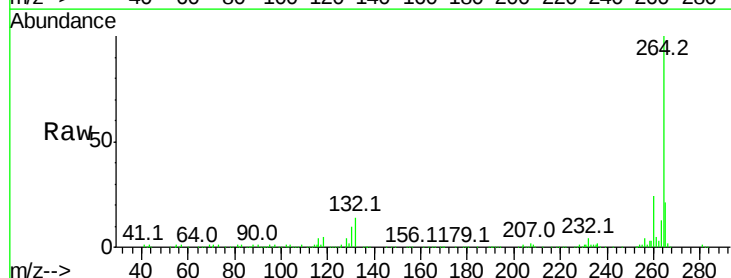
Instrument :
 BNA_F
 ClientSampleId :

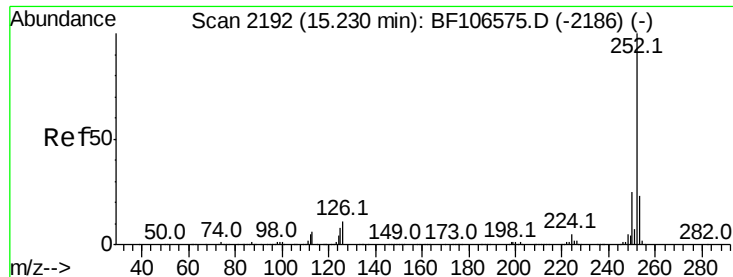
Tot Ion:244 Resp: 656703
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 7.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF106700.D
 Acq: 22 Jun 2018 11:18

Tgt Ion:264 Resp: 215708
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.4 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 2.107 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF106700.D

Acq: 22 Jun 2018 11:18

Instrument :

BNA_F

ClientSampleId :

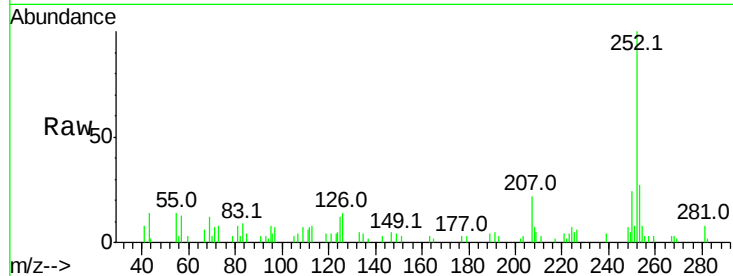
Tot Ion:252 Resp: 28232

Ion Ratio Lower Upper

252 100

253 27.4 17.0 25.6#

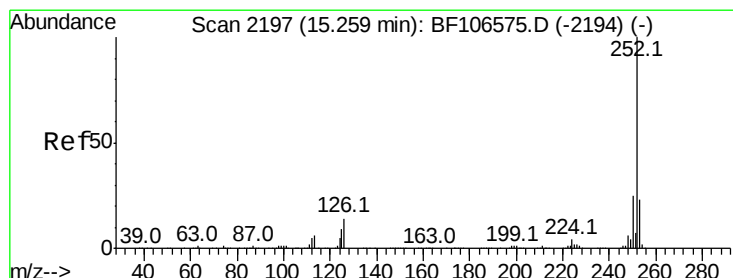
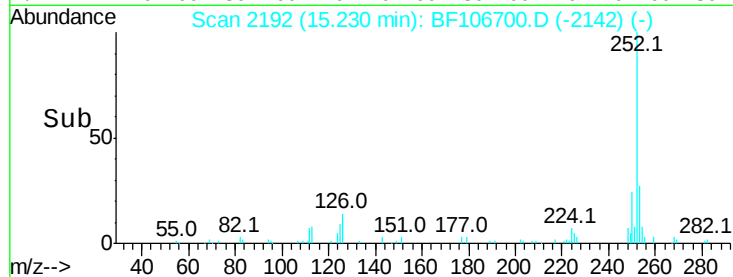
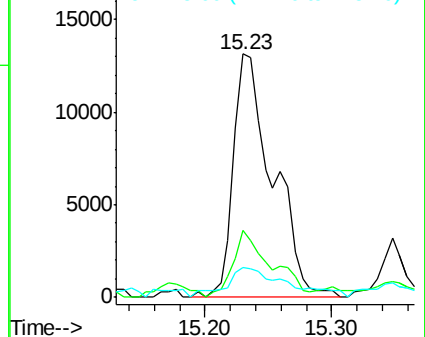
125 12.1 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 2.212 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.04 min

Lab File: BF106700.D

Acq: 22 Jun 2018 11:18

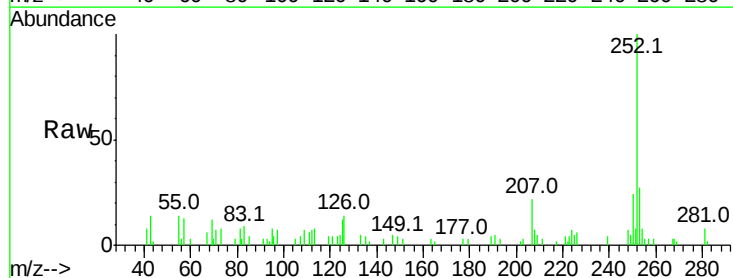
Tgt Ion:252 Resp: 28232

Ion Ratio Lower Upper

252 100

253 27.4 17.9 26.9#

125 12.1 10.2 15.2



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

