

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106782.D
 Acq On : 25 Jun 2018 20:09
 Operator : JU/SJ
 Sample : J3595-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 02:09:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

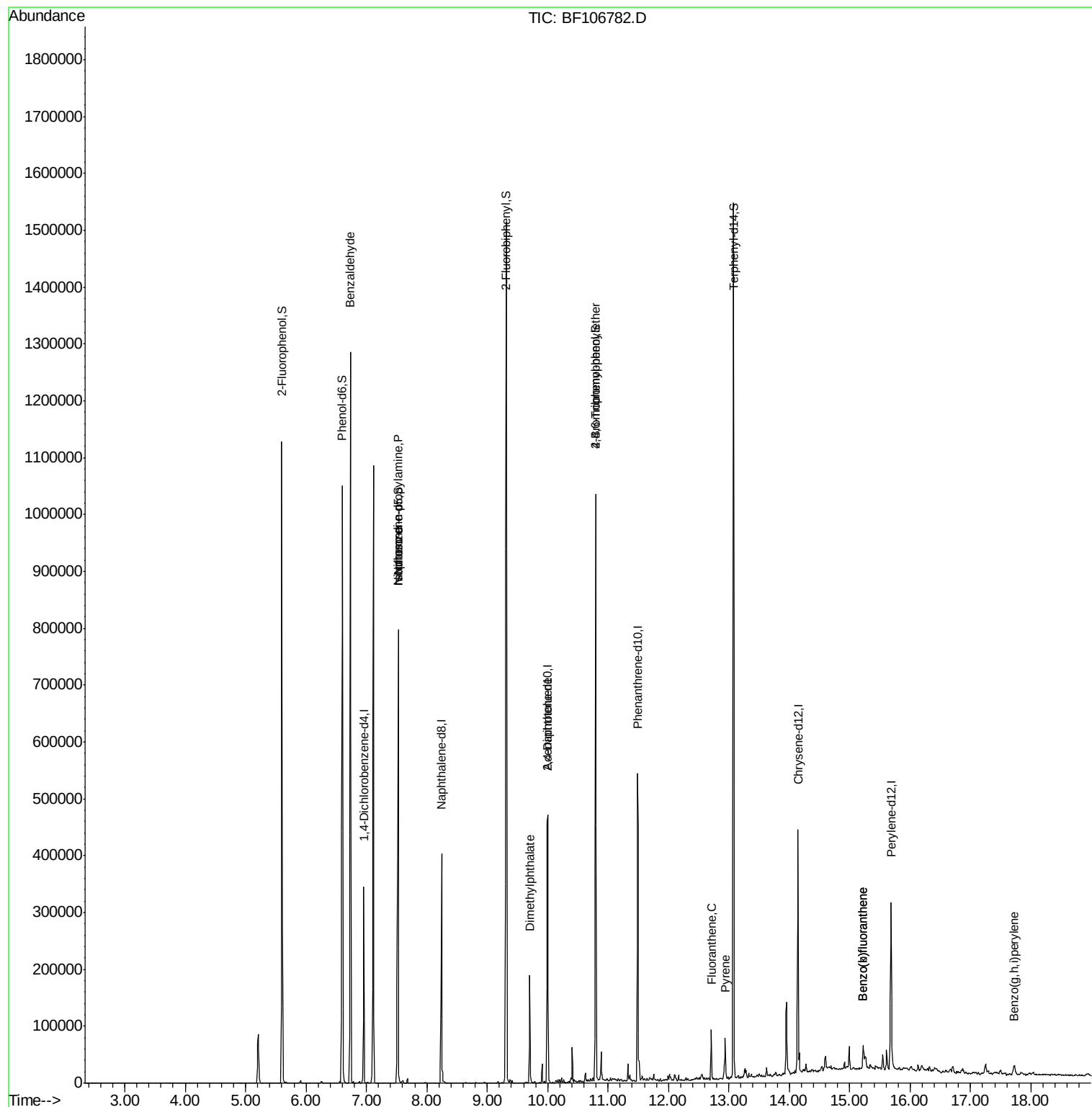
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	54163	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	207618	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	105945	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	207952	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	146914	20.00	ng	-0.02
86) Perylene-d12	15.68	264	155272	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	353076	110.38	ng	0.00
7) Phenol-d6	6.60	99	451559	113.05	ng	-0.01
23) Nitrobenzene-d5	7.52	82	294413	78.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	158958	129.45	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	553619	89.17	ng	-0.01
78) Terphenyl-d14	13.08	244	581641	95.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	7751	2.307	ng	89
19) n-Nitroso-di-n-propylamine	7.52	70	38108	14.473	ng	# 71
25) Isophorone	7.52	82	291245	44.240	ng	# 64
49) Dimethylphthalate	9.71	163	83398	10.496	ng	99
56) 2,4-Dinitrotoluene	10.00	165	13477	6.136	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	9699	3.908	ng	# 1
74) Fluoranthene	12.71	202	33720	3.050	ng	96
77) Pyrene	12.94	202	28905	2.984	ng	99
87) Benzo(b)fluoranthene	15.22	252	31820	3.299	ng	97
88) Benzo(k)fluoranthene	15.22	252	31820	3.464	ng	98
91) Benzo(a,h,i)perylene	17.72	276	14504	2.042	ng	92

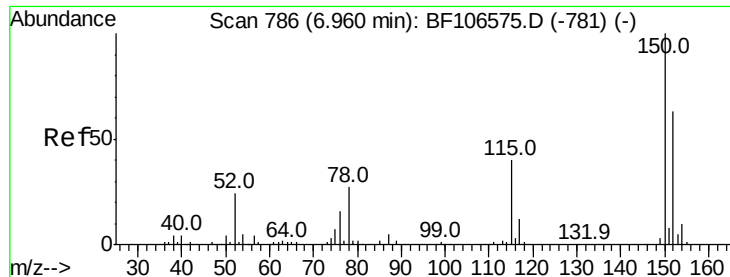
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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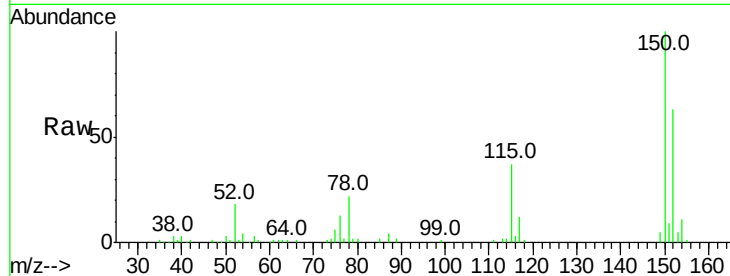


#1

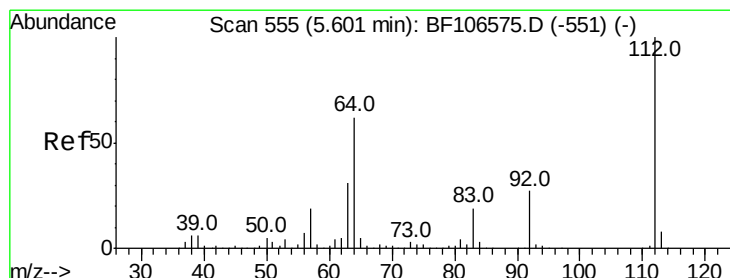
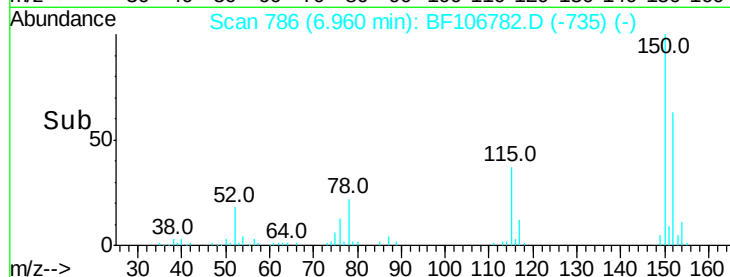
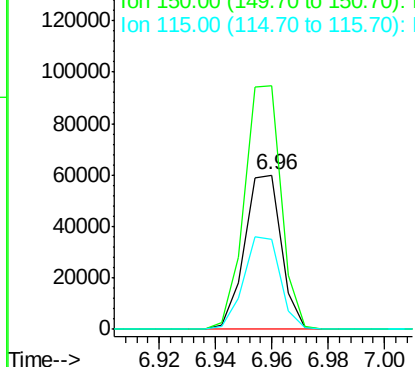
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106782.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54163
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 58.1 50.1 75.1



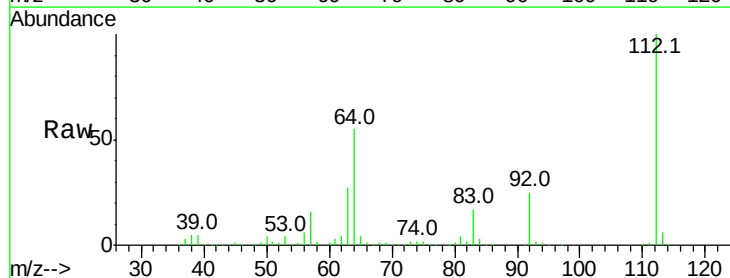
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



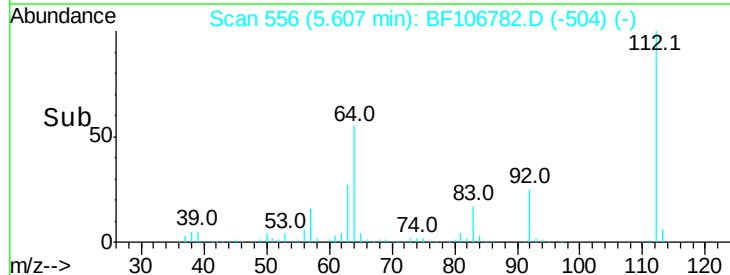
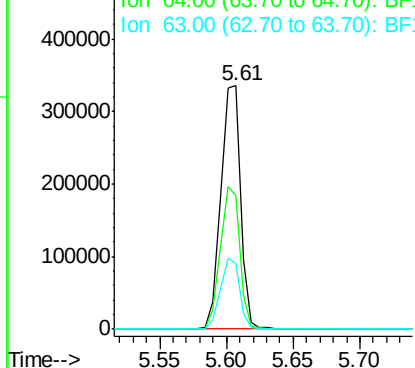
#5

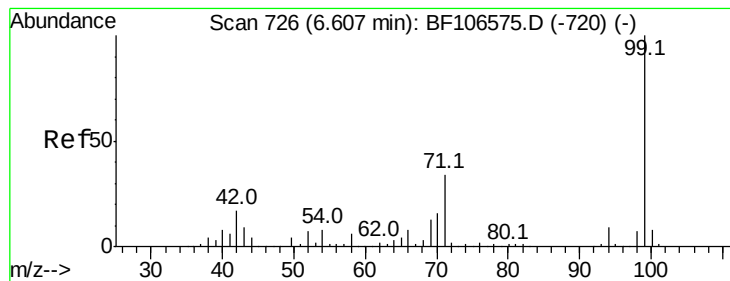
2-Fluorophenol
Concen: 110.383 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106782.D
Acq: 25 Jun 2018 20:09

Tgt Ion:112 Resp: 353076
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 26.8 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: 113.046 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106782.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_F

ClientSampleId :

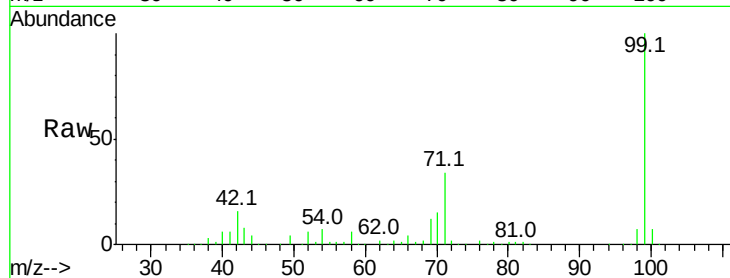
Tot Ion: 99 Resp: 451559

Ion Ratio Lower Upper

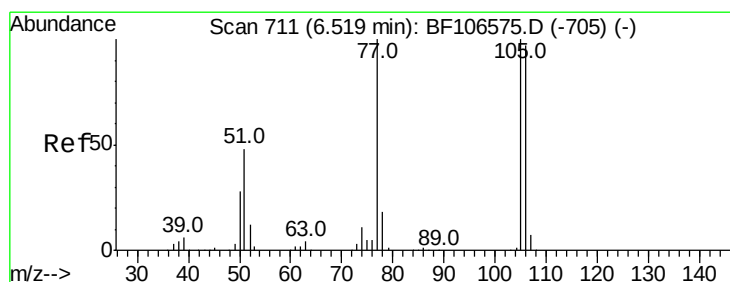
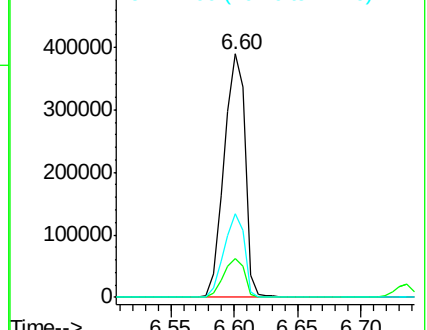
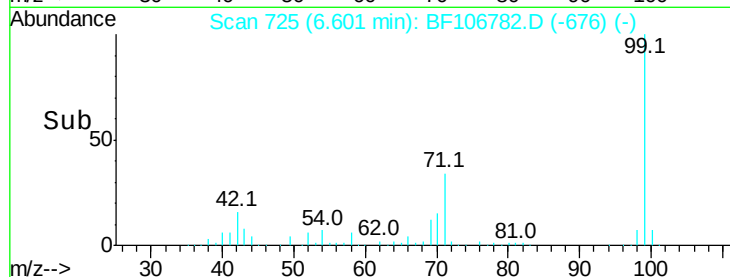
99 100

42 16.2 14.5 21.7

71 34.2 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: 2.307 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106782.D

Acq: 25 Jun 2018 20:09

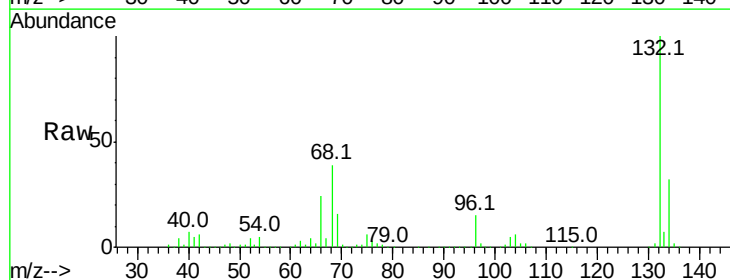
Tgt Ion: 77 Resp: 7751

Ion Ratio Lower Upper

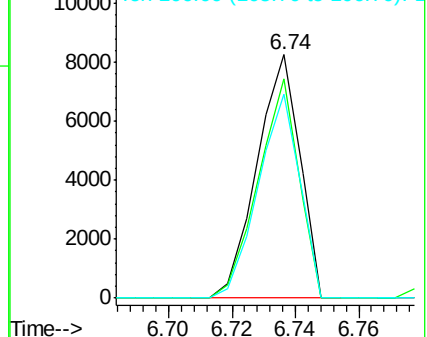
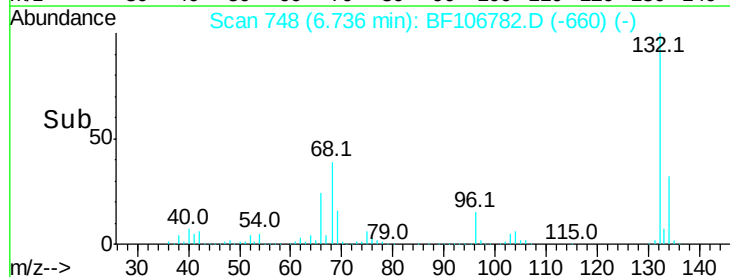
77 100

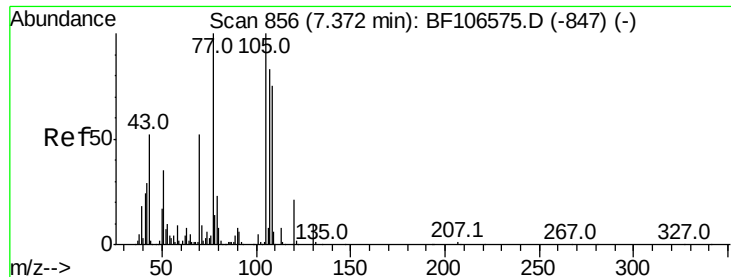
105 90.0 81.1 121.1

106 83.9 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

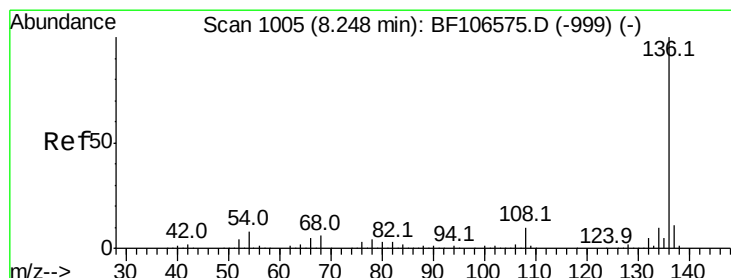
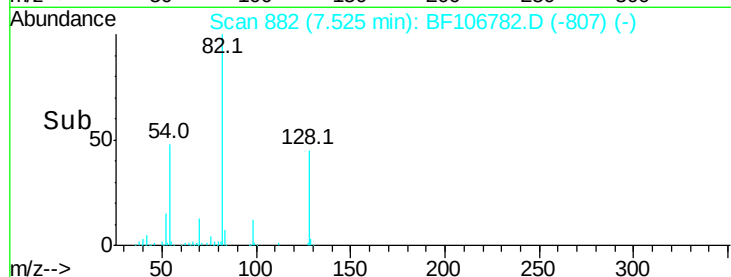
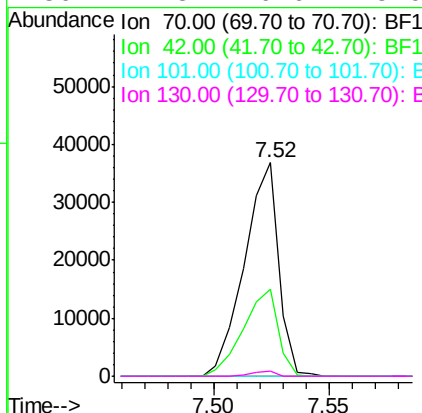
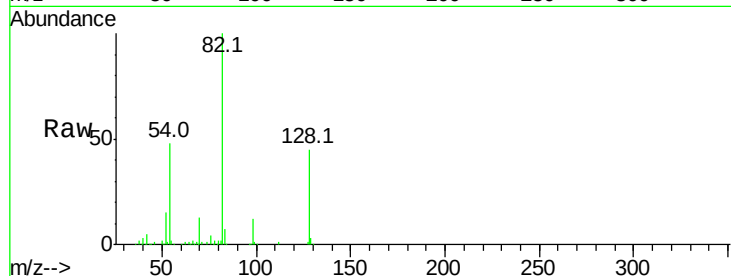




#19
n-Nitroso-di-n-propylamine
Concen: 14.473 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF106782.D
Acq: 25 Jun 2018 20:09

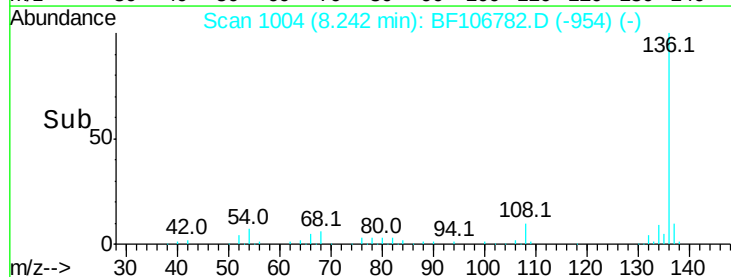
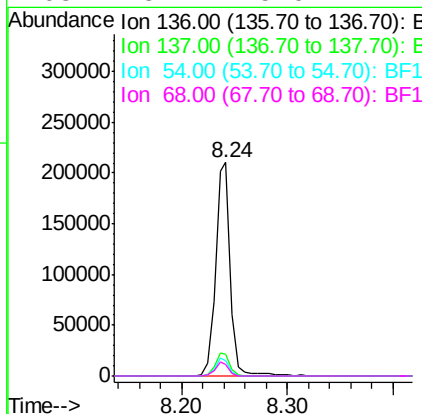
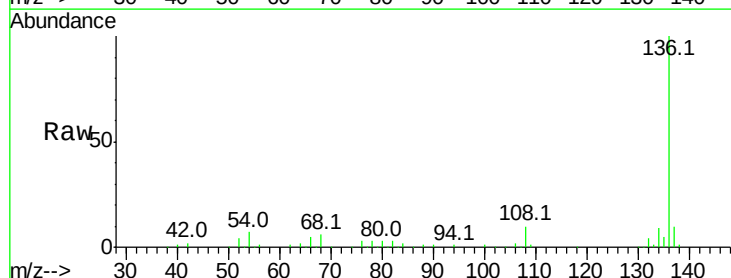
Instrument :
BNA_F
ClientSampleId :

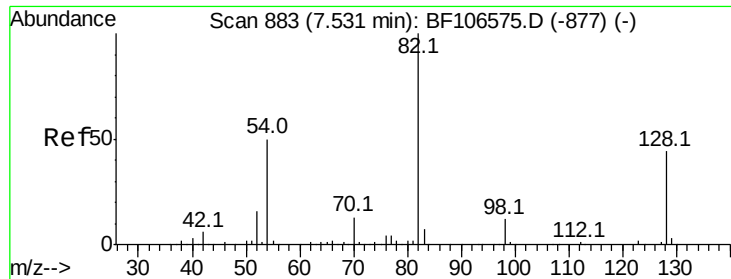
Tot Ion: 70 Resp: 38108
Ion Ratio Lower Upper
70 100
42 40.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106782.D
Acq: 25 Jun 2018 20:09

Tgt Ion: 136 Resp: 207618
Ion Ratio Lower Upper
136 100
137 10.2 8.9 13.3
54 7.1 6.6 9.8
68 5.7 5.0 7.4

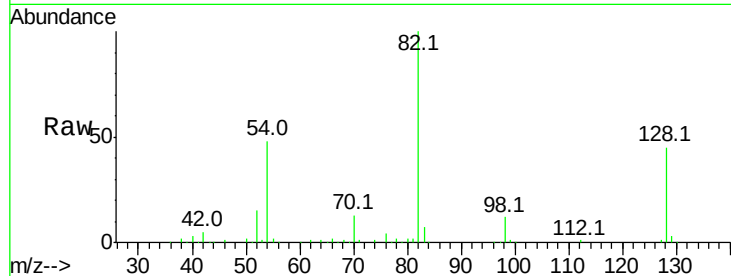




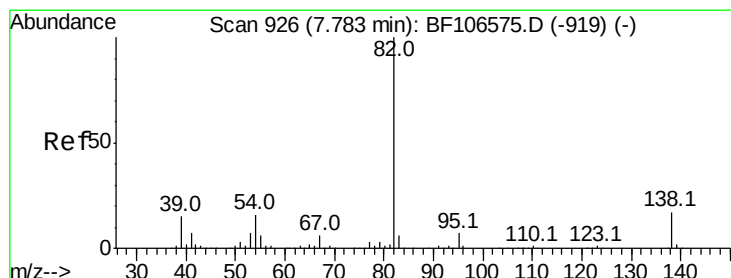
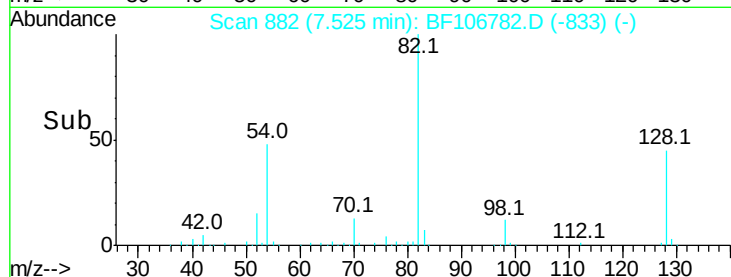
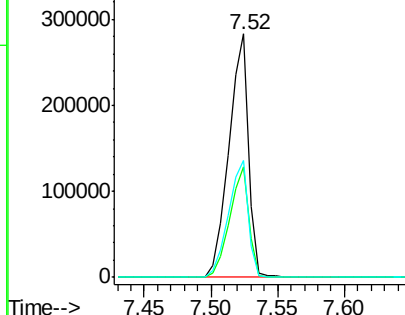
#23
 Nitrobenzene-d5
 Concen: 78.806 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106782.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 294413
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 47.9 41.4 62.2

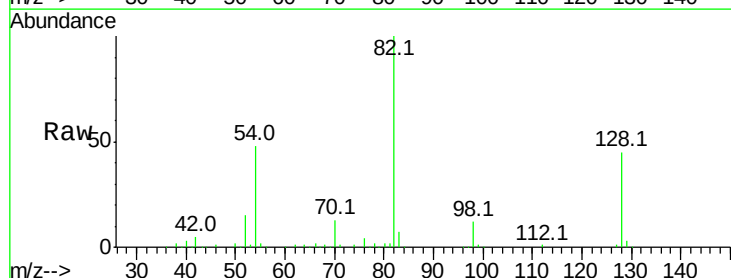


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

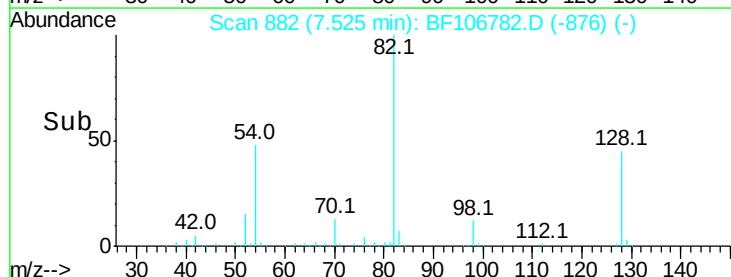
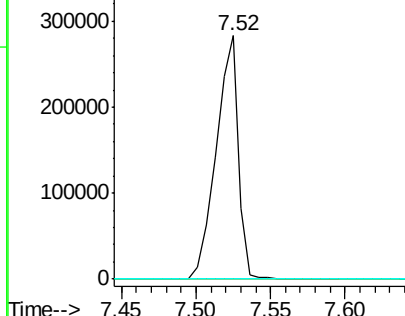


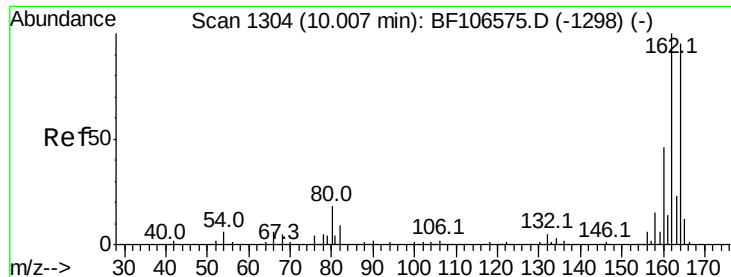
#25
 Isophorone
 Concen: 44.240 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106782.D
 Acq: 25 Jun 2018 20:09

Tgt Ion: 82 Resp: 291245
 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

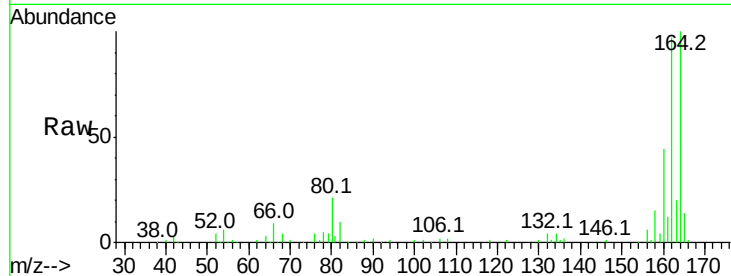




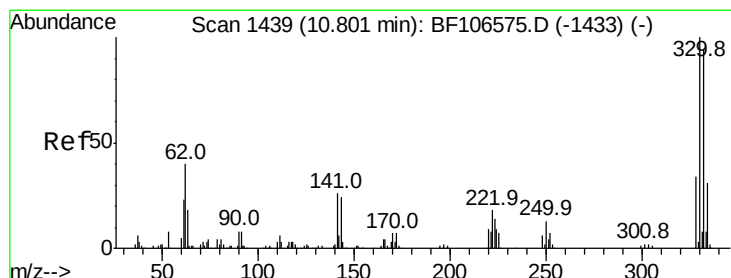
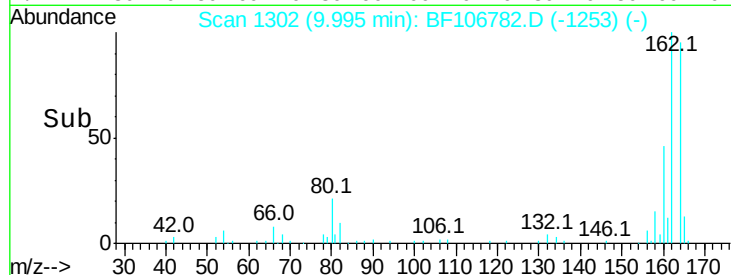
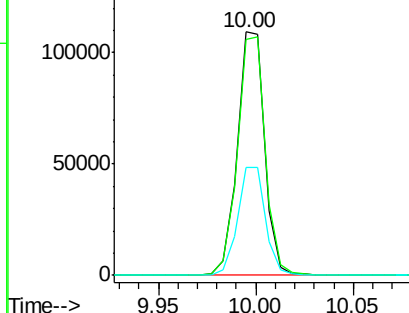
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106782.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.2	86.1	129.1
160	44.2	38.3	57.5

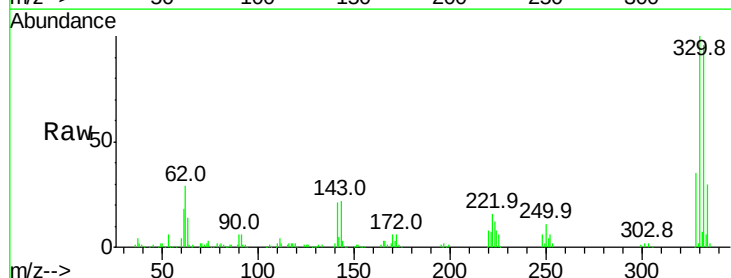


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

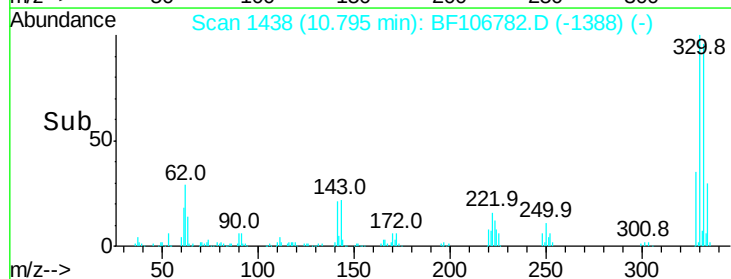
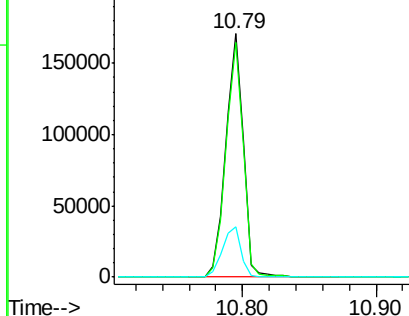


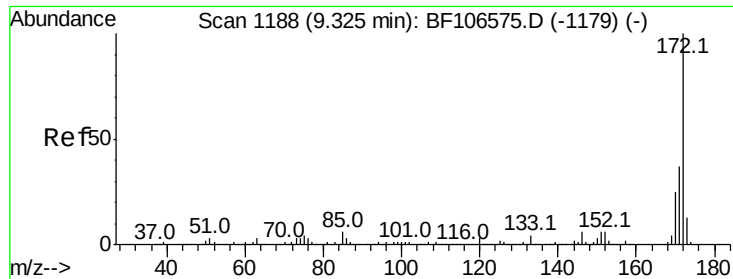
#41
 2,4,6-Tribromophenol
 Concen: 129.452 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106782.D
 Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	22.0	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

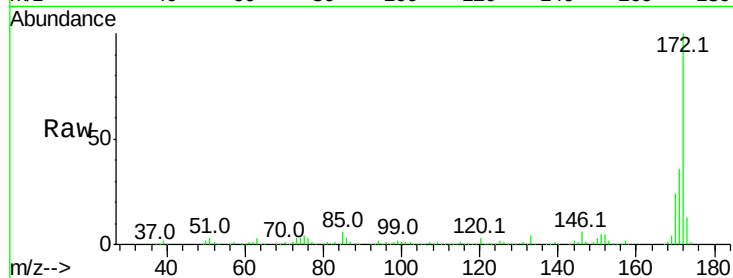




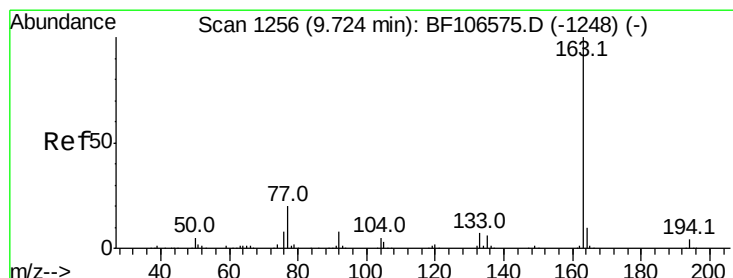
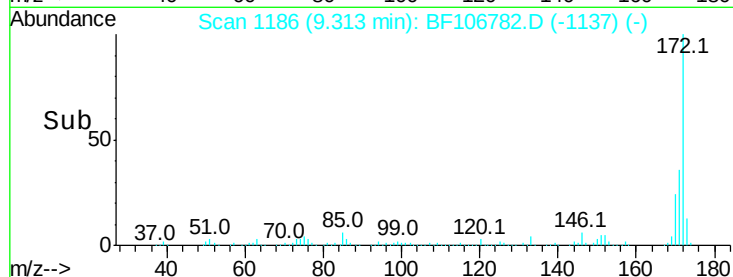
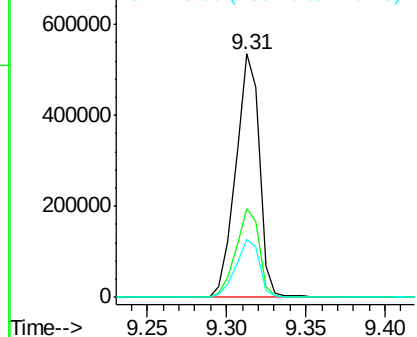
#44
2-Fluorobiphenyl
Concen: 89.173 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106782.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 553619
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.0 19.6 29.4

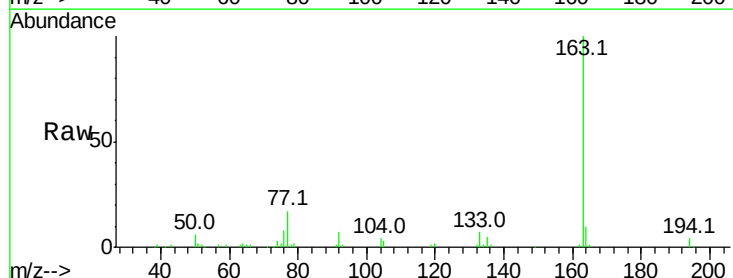


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

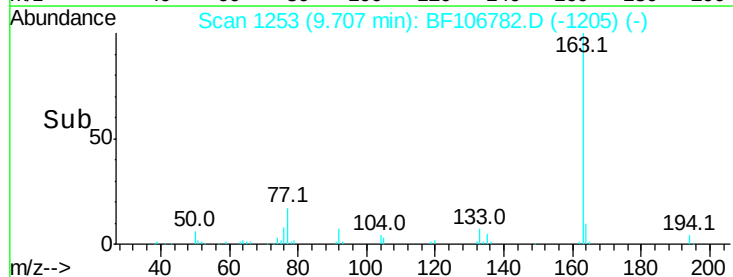
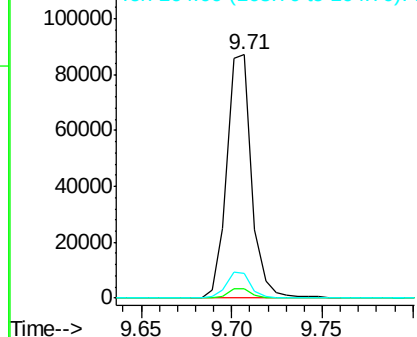


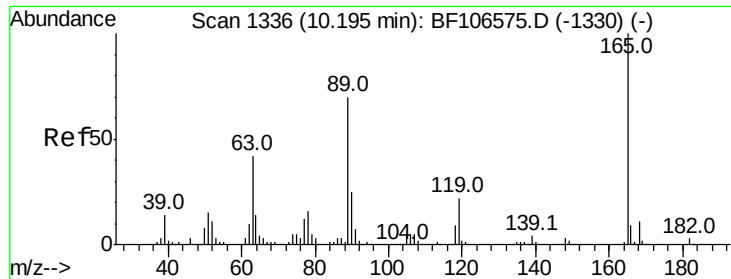
#49
Dimethylphthalate
Concen: 10.496 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106782.D
Acq: 25 Jun 2018 20:09

Tgt Ion:163 Resp: 83398
Ion Ratio Lower Upper
163 100
194 3.9 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

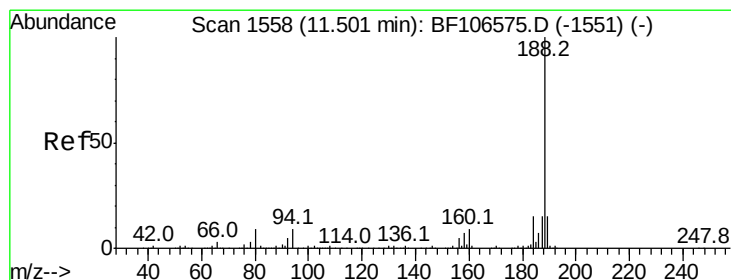
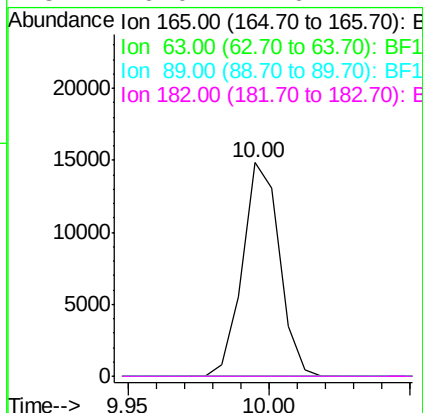
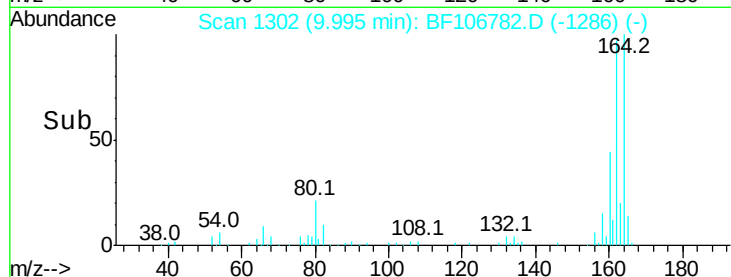
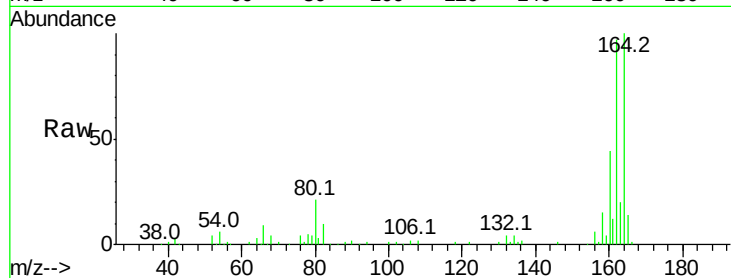




#56
 2,4-Dinitrotoluene
 Concen: 6.136 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF106782.D
 Acq: 25 Jun 2018 20:09

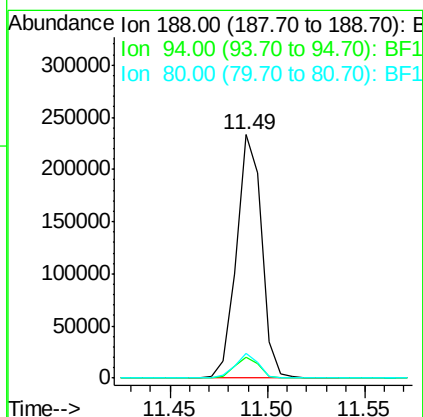
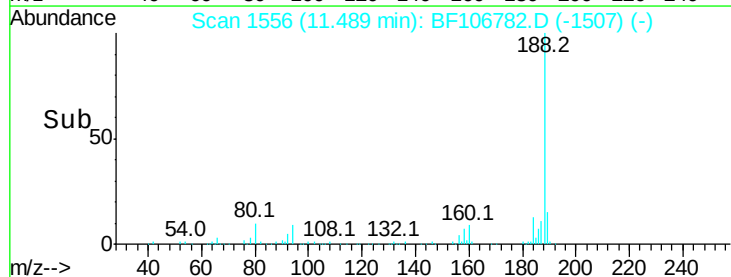
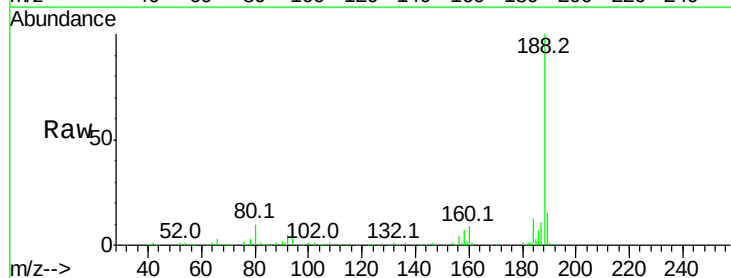
Instrument :
 BNA_F
 ClientSampleId :

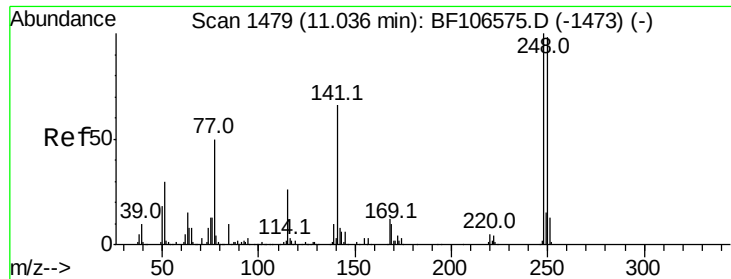
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106782.D
 Acq: 25 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	10.0	9.2	13.8

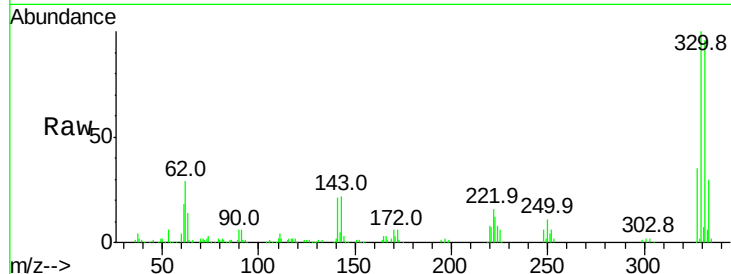




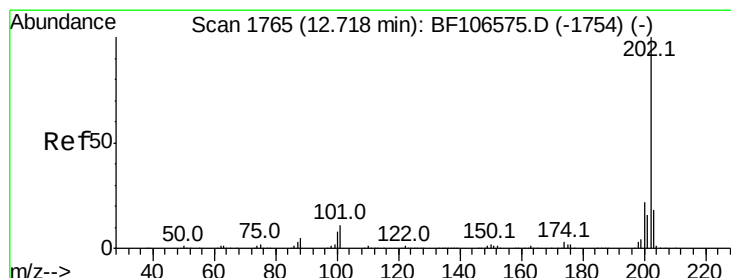
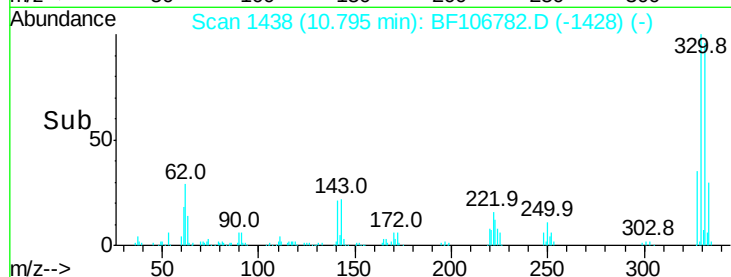
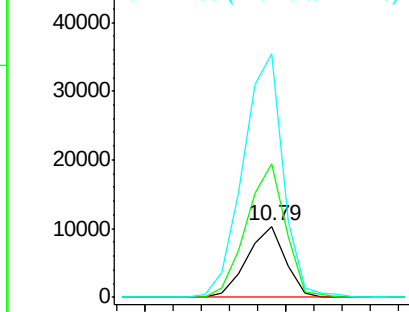
#66
4-Bromophenyl-phenylether
Concen: 3.908 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106782.D
Acq: 25 Jun 2018 20:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 9699
Ion Ratio Lower Upper
248 100
250 187.5 76.9 115.3#
141 342.4 74.4 111.6#

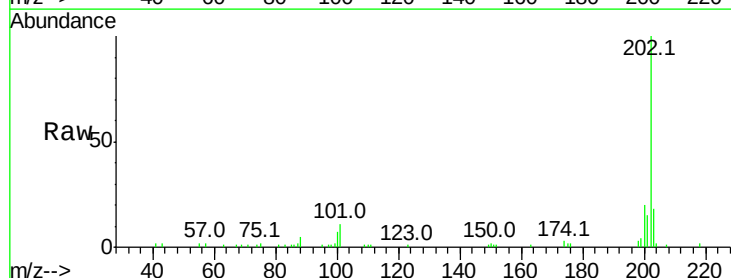


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

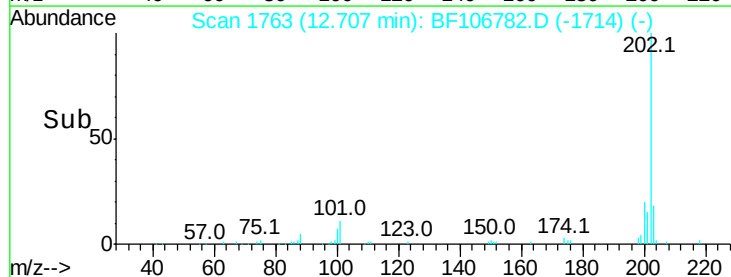
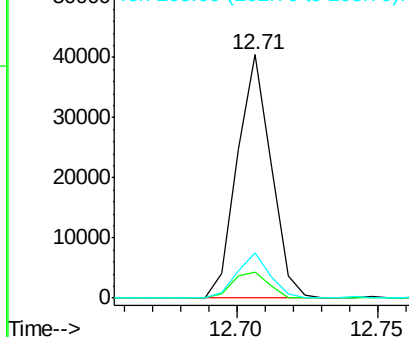


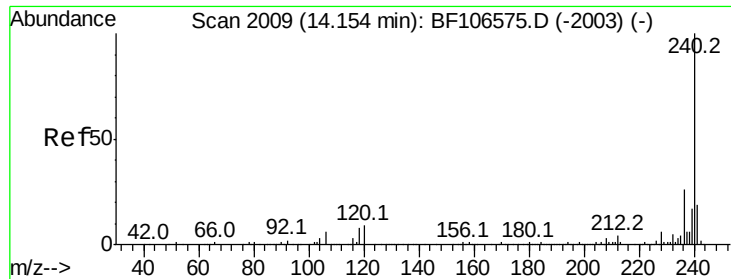
#74
Fluoranthene
Concen: 3.050 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106782.D
Acq: 25 Jun 2018 20:09

Tgt Ion:202 Resp: 33720
Ion Ratio Lower Upper
202 100
101 10.7 0.0 34.1
203 18.5 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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106782.D

Acq: 25 Jun 2018 20:09

Instrument :

BNA_F

ClientSampleId :

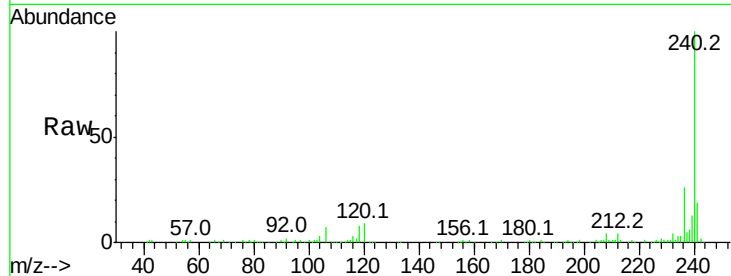
Tot Ion:240 Resp: 146914

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

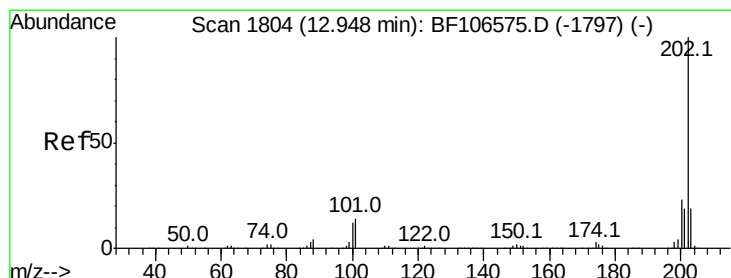
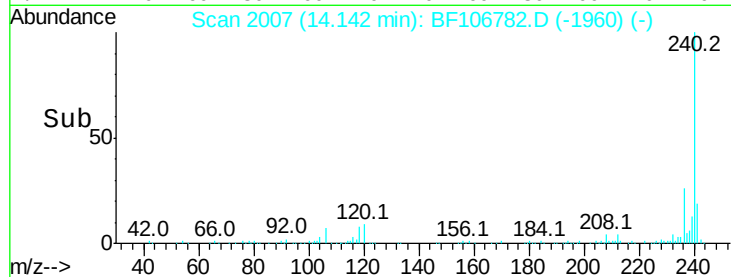
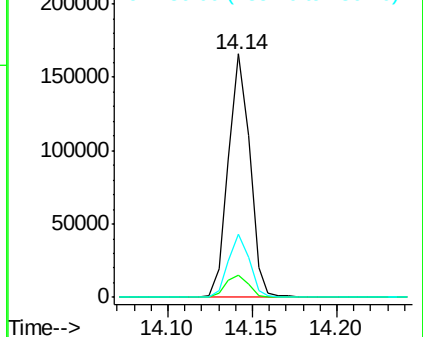
236 25.8 20.7 31.1



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: 2.984 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF106782.D

Acq: 25 Jun 2018 20:09

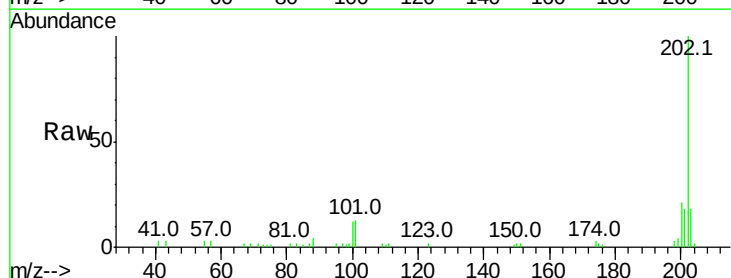
Tgt Ion:202 Resp: 28905

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

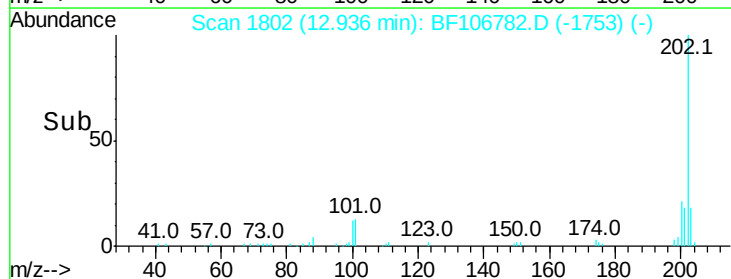
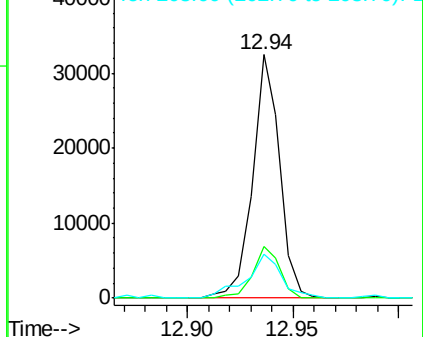
203 17.9 14.3 21.5

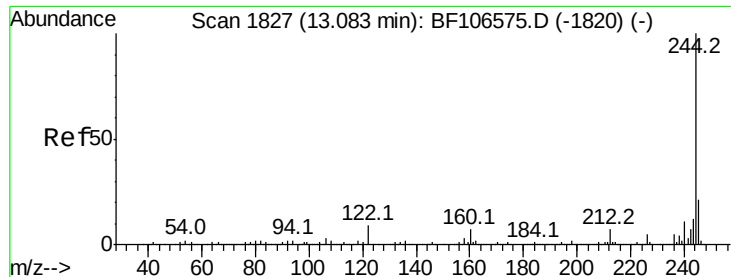


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

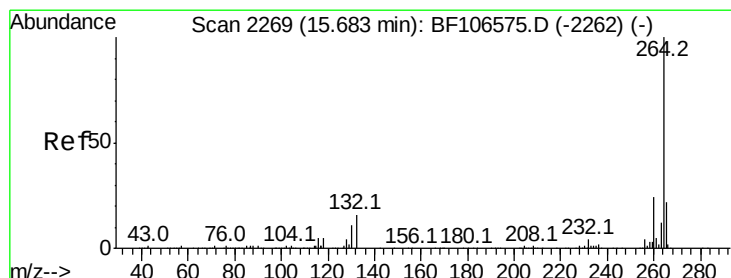
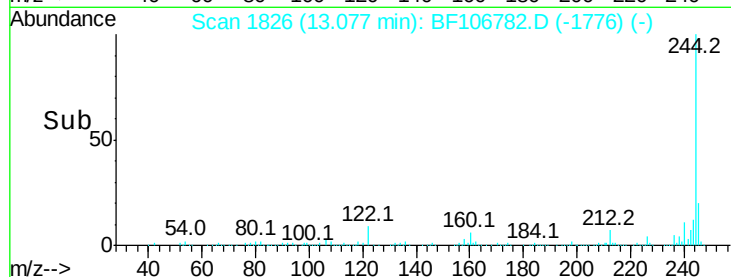
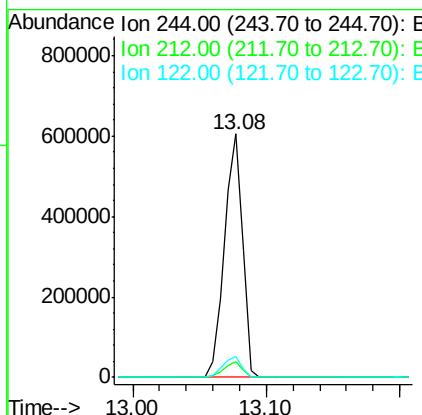
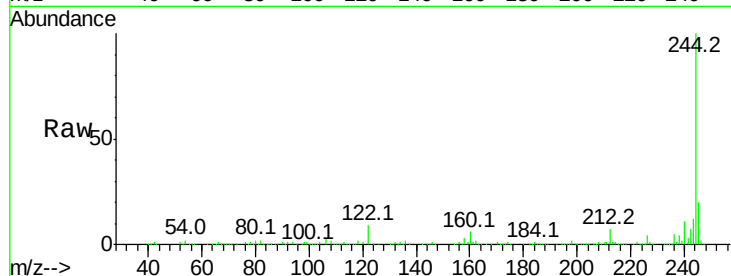




#78
 Terphenyl-d14
 Concen: 95.900 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106782.D
 Acq: 25 Jun 2018 20:09

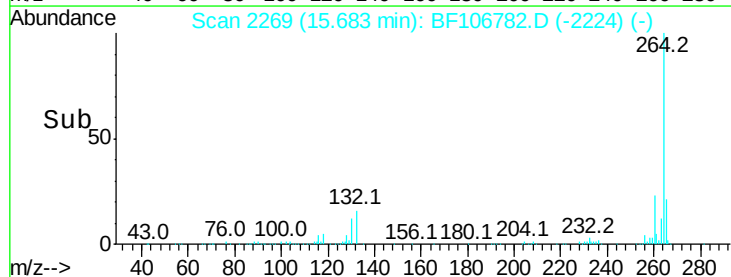
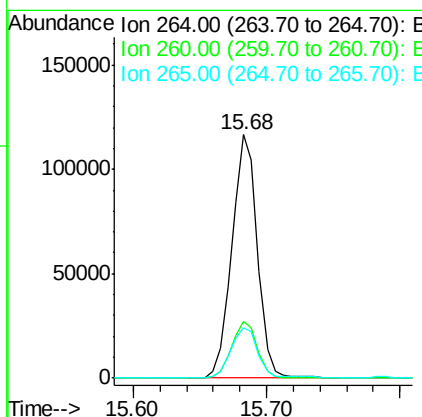
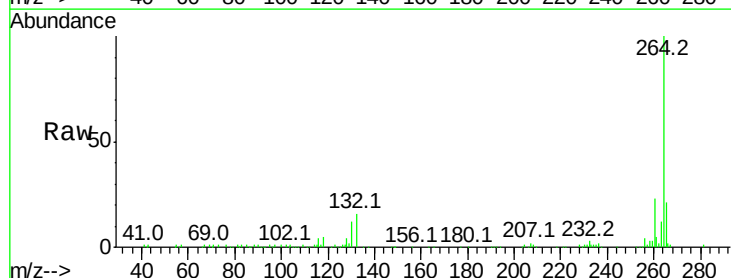
Instrument :
 BNA_F
 ClientSampleId :

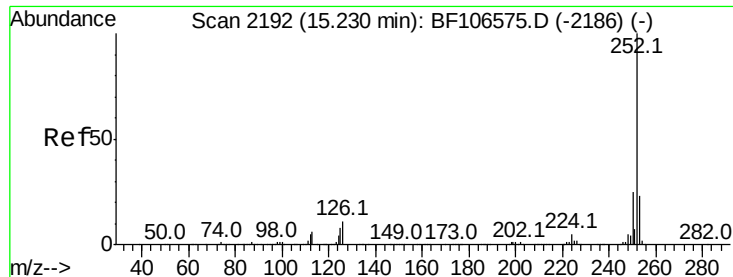
Tot Ion:244 Resp: 581641
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF106782.D
 Acq: 25 Jun 2018 20:09

Tgt Ion:264 Resp: 155272
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.7 17.5 26.3

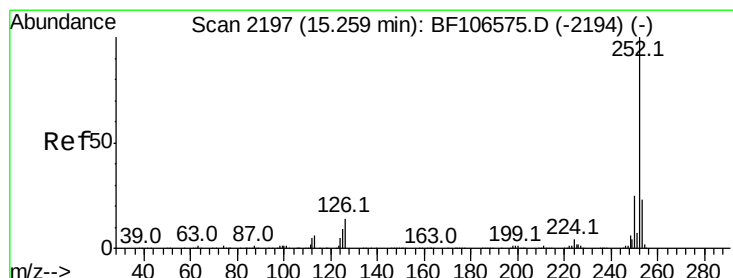
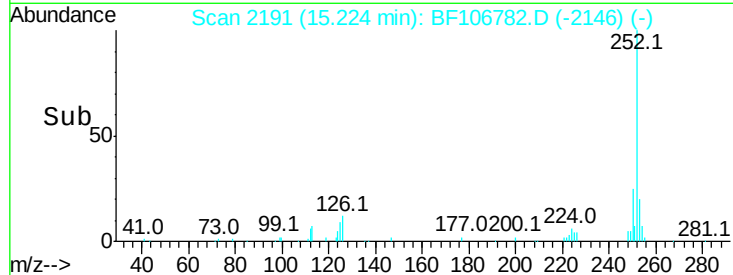
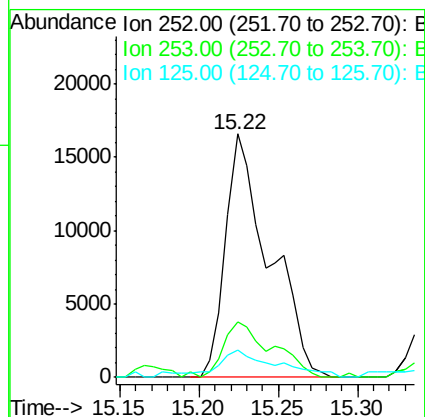
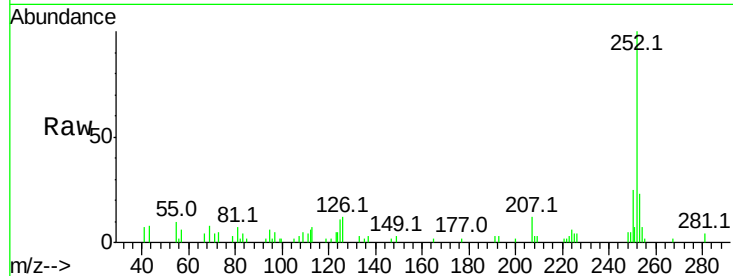




#87
Benzo(b)fluoranthene
Concen: 3.299 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106782.D
Acq: 25 Jun 2018 20:09

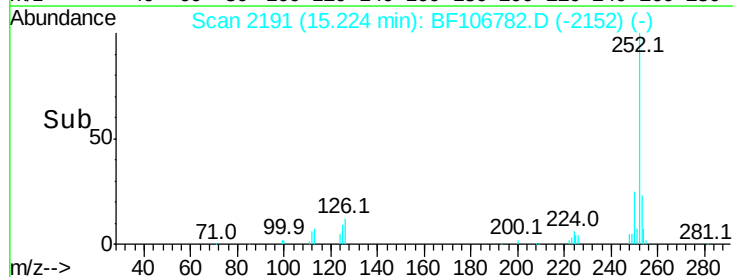
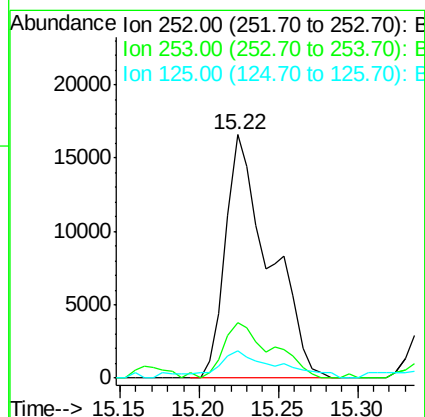
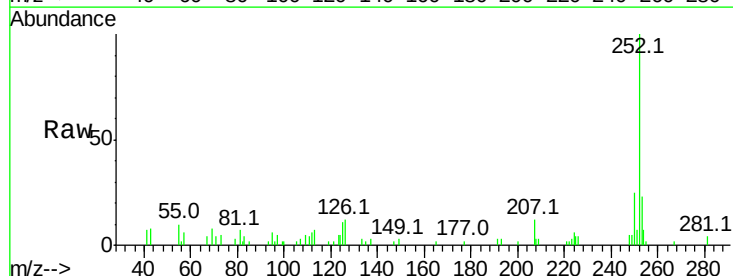
Instrument :
BNA_F
ClientSampleId :

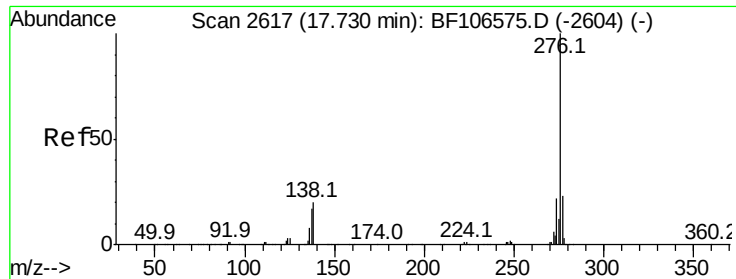
Tot Ion:252 Resp: 31820
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 3.464 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.07 min
Lab File: BF106782.D
Acq: 25 Jun 2018 20:09

Tgt Ion:252 Resp: 31820
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 11.0 10.2 15.2





#91
 Benzo(a,h,i)perylene
 Concen: 2.042 ng
 RT: 17.72 min Scan# 2616
 Delta R.T. -0.06 min
 Lab File: BF106782.D
 Acq: 25 Jun 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.7	17.9	26.9
138	23.3	21.8	32.8

