

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107132.D
 Acq On : 5 Jul 2018 17:41
 Operator : JU/SJ
 Sample : J3853-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Quant Time: Jul 05 18:17:47 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 29 14:38:29 2018
 Response via : Initial Calibration

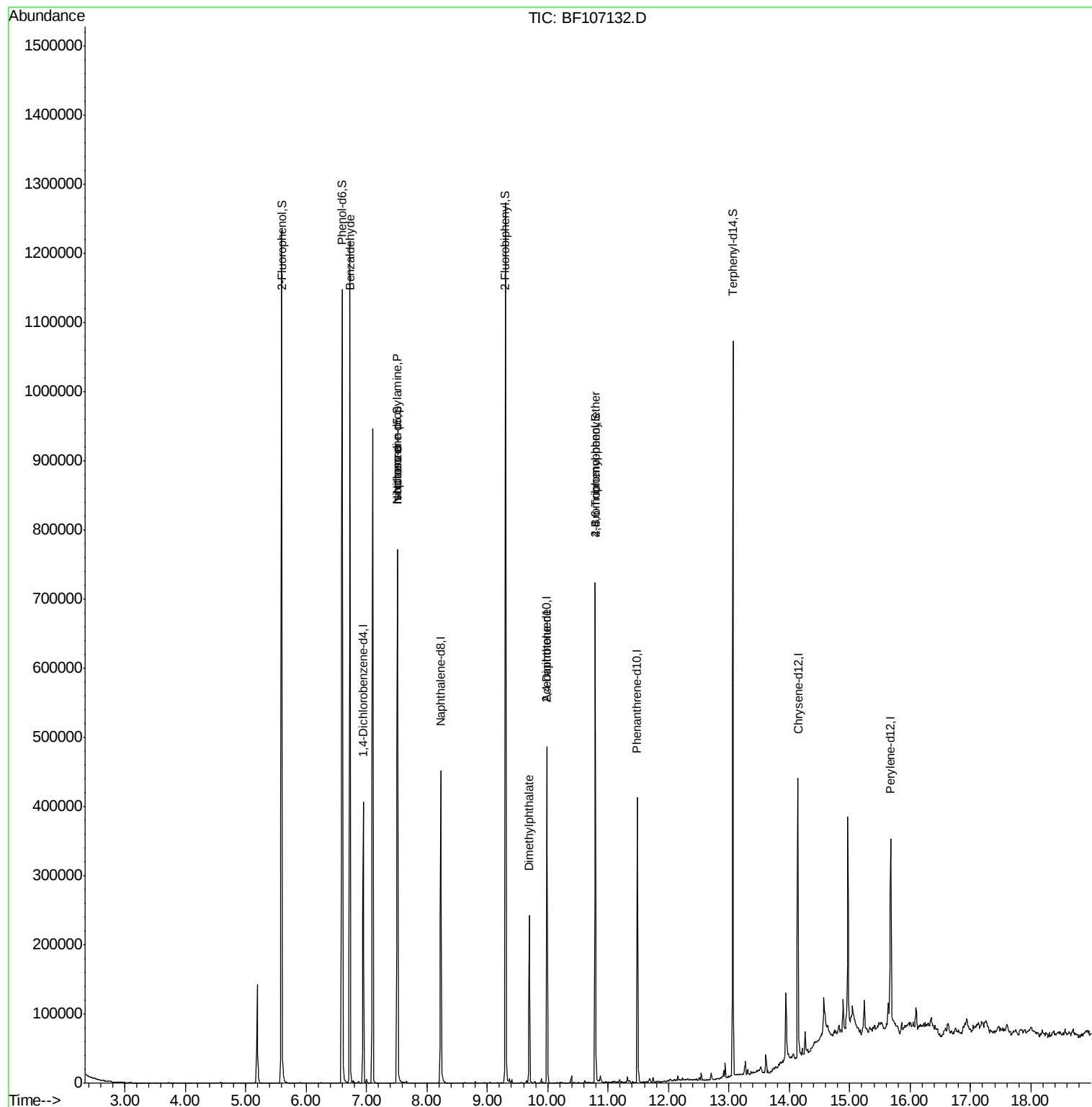
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	56697	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	213925	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	97372	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	159811	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	153999	20.00	ng	-0.02
86) Perylene-d12	15.68	264	133695	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	357664	106.82	ng	0.00
7) Phenol-d6	6.60	99	442951	105.93	ng	-0.02
23) Nitrobenzene-d5	7.51	82	279903	72.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	112756	99.91	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	454841	77.82	ng	-0.02
78) Terphenyl-d14	13.07	244	376668	59.25	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.72	77	7851	2.234	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.51	70	36232	13.146	ng	# 74
25) Isophorone	7.51	82	279898	41.263	ng	# 64
49) Dimethylphthalate	9.70	163	97365	13.332	ng	97
56) 2,4-Dinitrotoluene	9.99	165	12102	5.995	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	6919	3.628	ng	# 1

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

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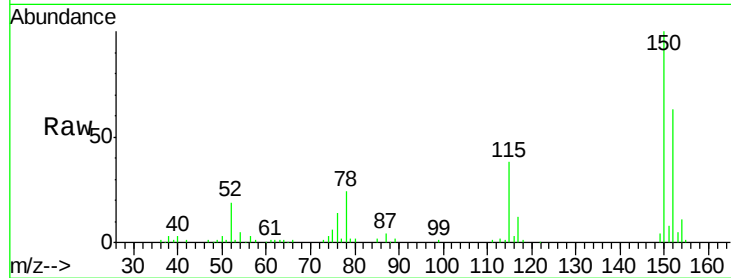




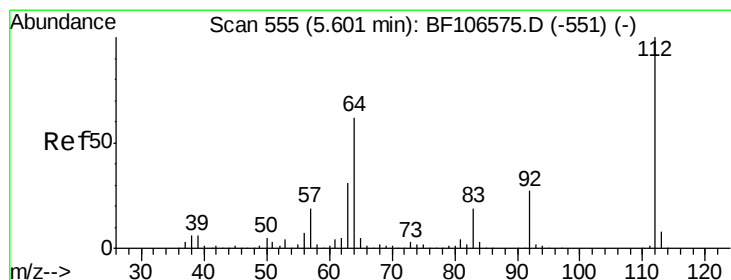
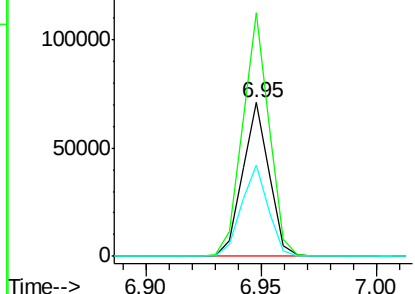
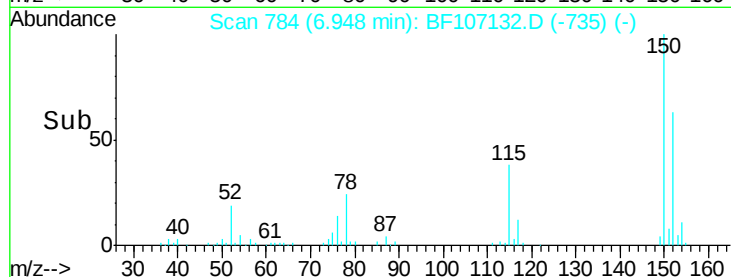
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Instrument :
 BNA_F
 ClientSampled :
 B-4

Tgt Ion:152 Resp: 56697
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.6 186.8
 115 59.5 50.1 75.1

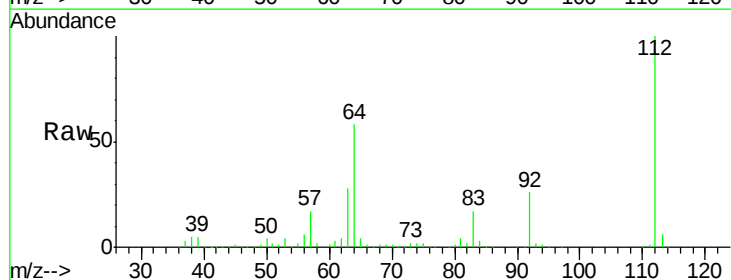


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

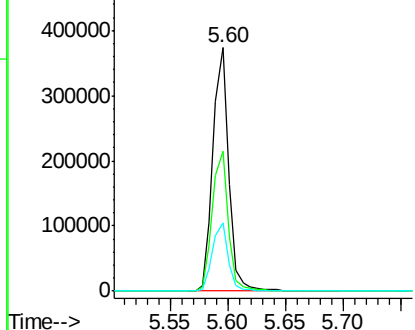
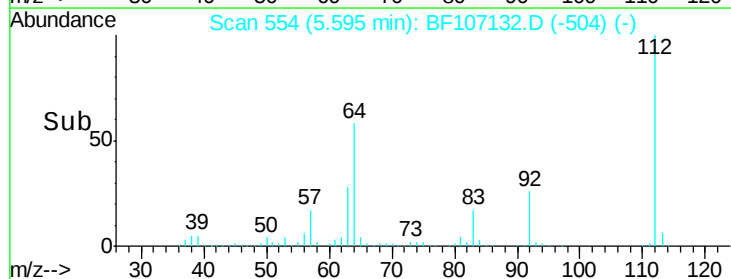


#5
 2-Fluorophenol
 Concen: 106.820 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Tgt Ion:112 Resp: 357664
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.9 71.9
 63 27.8 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: 105.935 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107132.D

Acq: 5 Jul 2018 17:41

Instrument :

BNA_F

ClientSampleId :

B-4

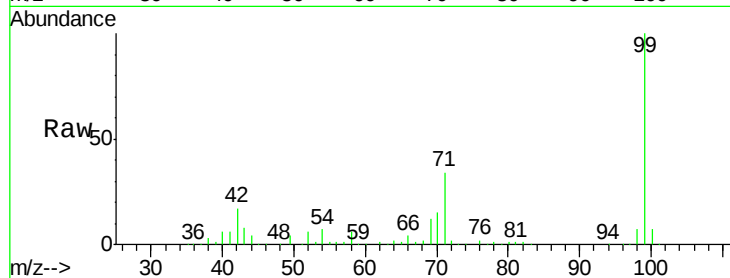
Tgt Ion: 99 Resp: 442951

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 34.0 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

500000

400000

300000

200000

100000

0

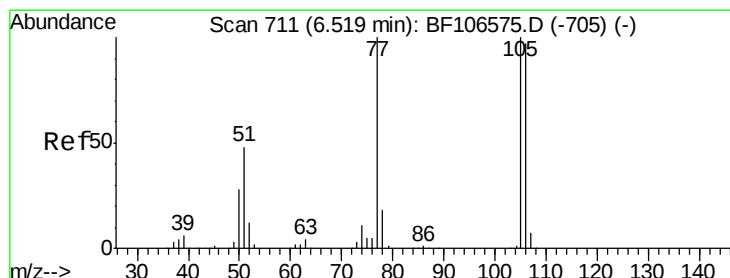
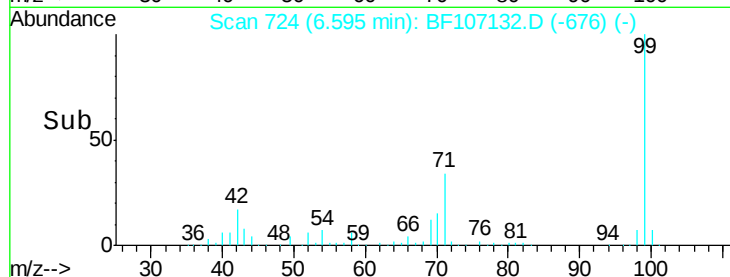
6.60

6.50

6.60

6.70

Time-->



#9

Benzaldehyde

Concen: 2.234 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.21 min

Lab File: BF107132.D

Acq: 5 Jul 2018 17:41

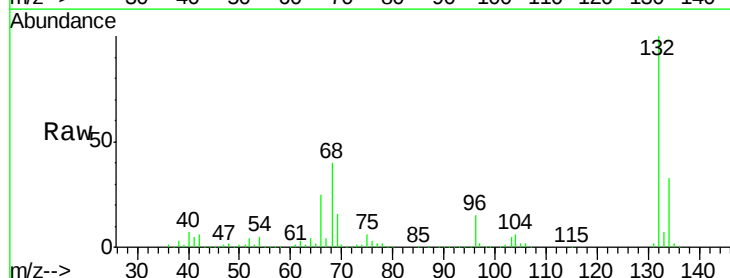
Tgt Ion: 77 Resp: 7851

Ion Ratio Lower Upper

77 100

105 84.6 81.1 121.1

106 81.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

10000

8000

6000

4000

2000

0

6.72

6.68

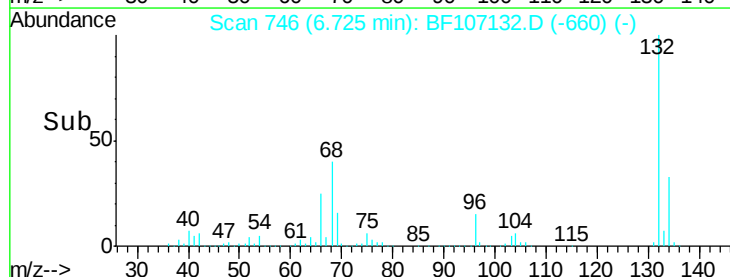
6.70

6.72

6.74

6.76

Time-->

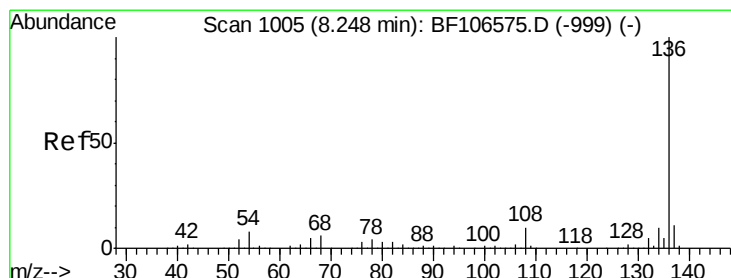
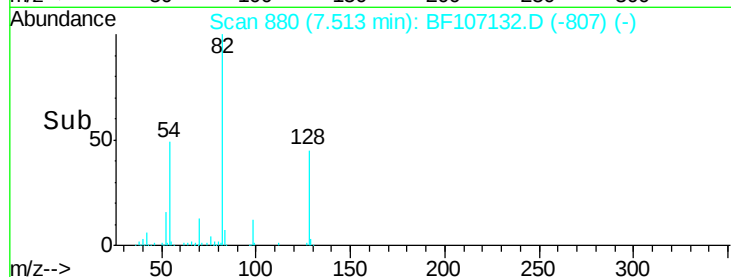
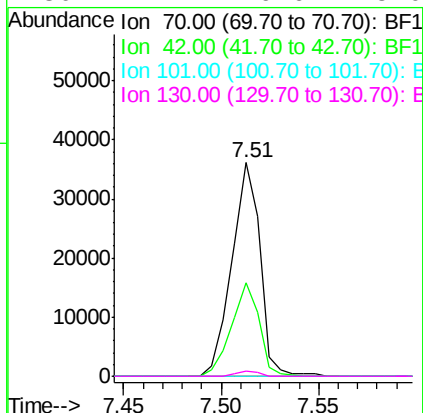
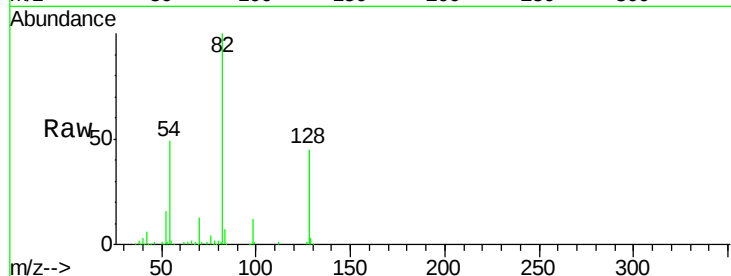




#19
n-Nitroso-di-n-propylamine
Concen: 13.146 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107132.D
Acq: 5 Jul 2018 17:41

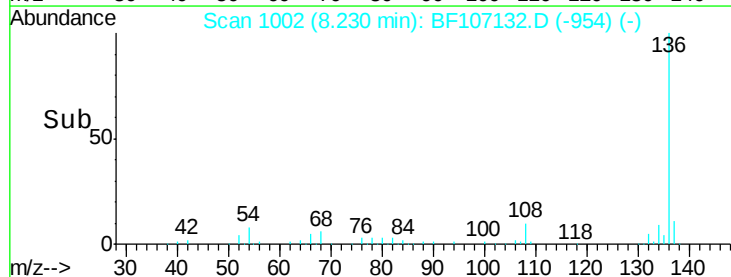
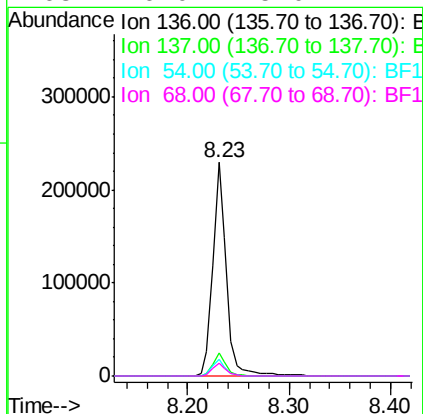
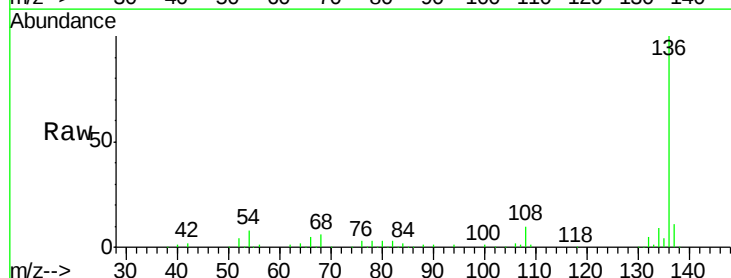
Instrument :
BNA_F
ClientSampleId :
B-4

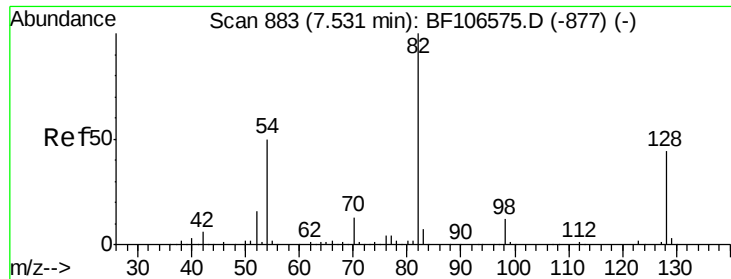
Tgt Ion: 70 Resp: 36232
Ion Ratio Lower Upper
70 100
42 43.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107132.D
Acq: 5 Jul 2018 17:41

Tgt Ion: 136 Resp: 213925
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.8 6.6 9.8
68 6.0 5.0 7.4

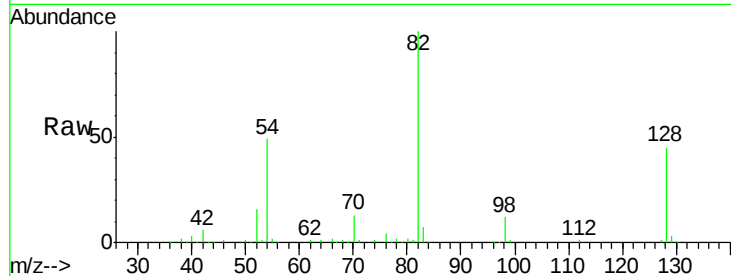




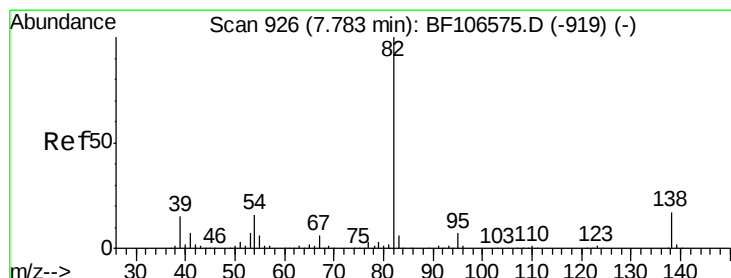
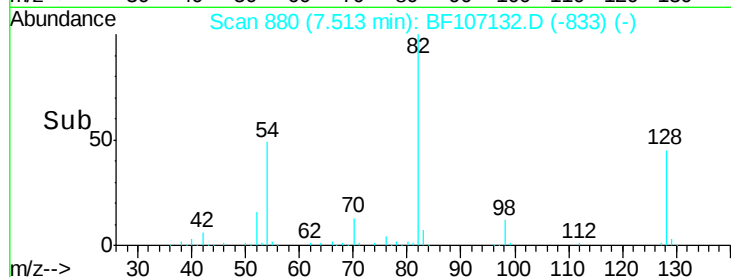
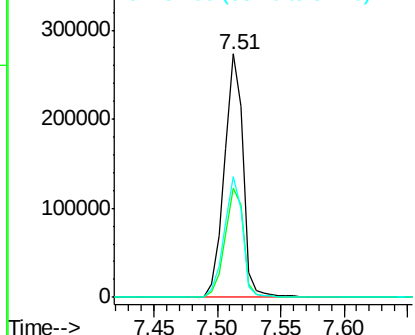
#23
 Nitrobenzene-d5
 Concen: 72.713 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Instrument :
 BNA_F
 ClientSampled :
 B-4

Tgt Ion: 82 Resp: 279903
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 49.4 41.4 62.2

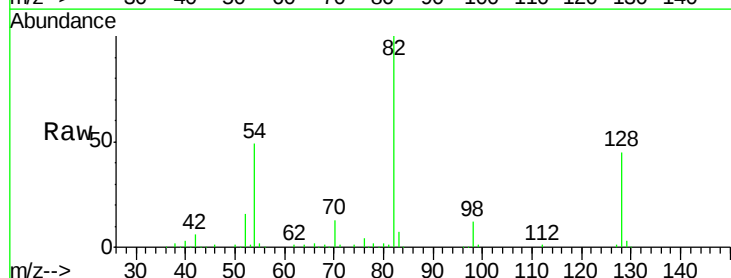


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

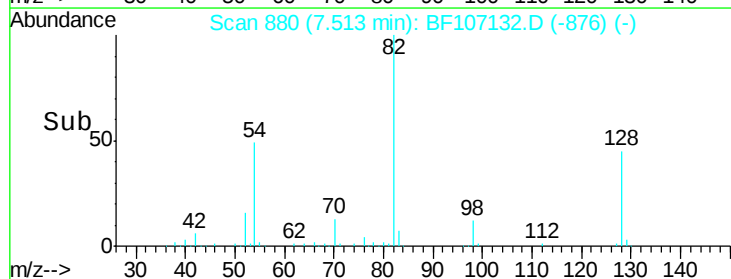
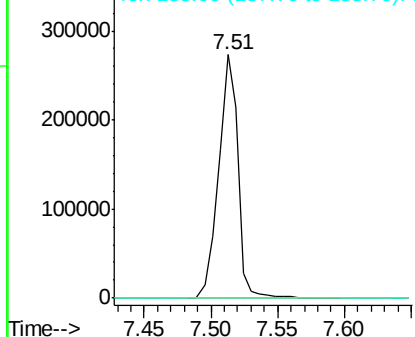


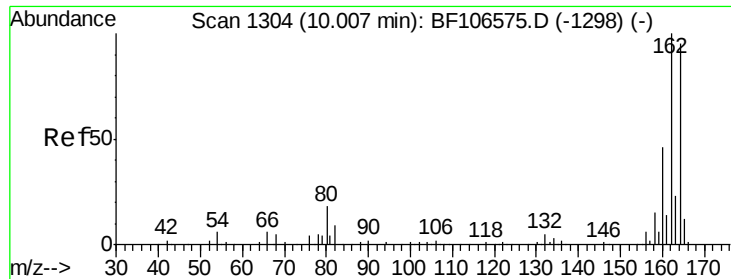
#25
 Isophorone
 Concen: 41.263 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Tgt Ion: 82 Resp: 279898
 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

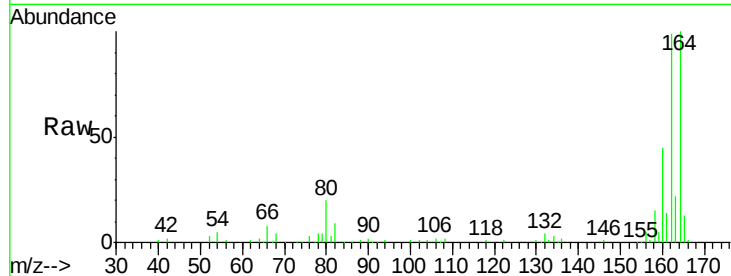




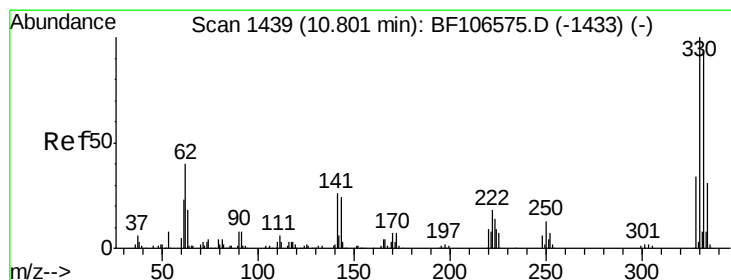
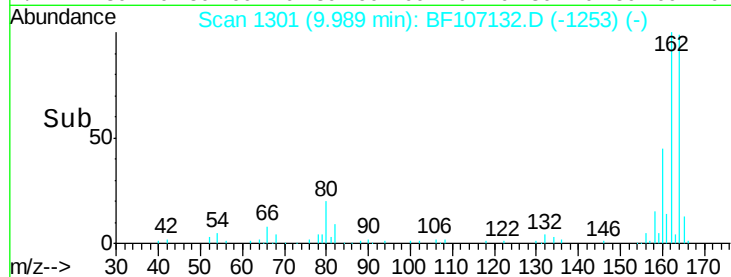
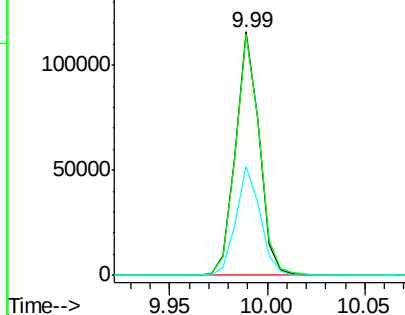
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tgt Ion:164 Resp: 97372
 Ion Ratio Lower Upper
 164 100
 162 99.0 86.1 129.1
 160 44.9 38.3 57.5

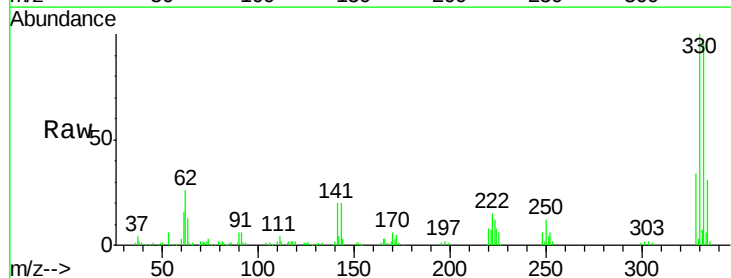


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

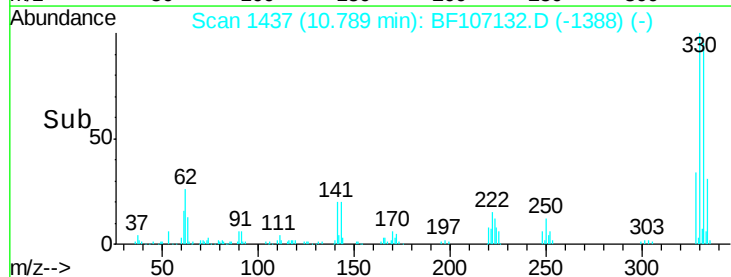
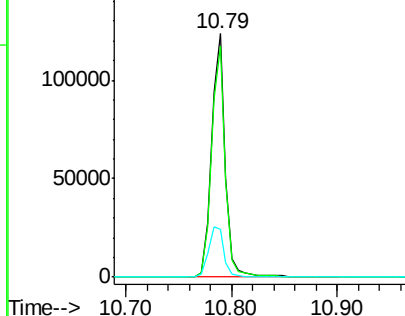


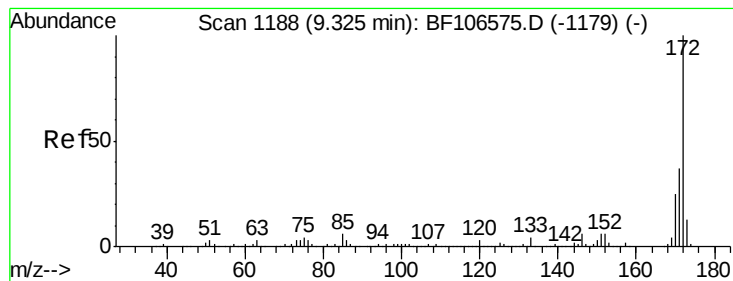
#41
 2,4,6-Tribromophenol
 Concen: 99.911 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Tgt Ion:330 Resp: 112756
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 23.0 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: 77.819 ng

RT: 9.30 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF107132.D

Acq: 5 Jul 2018 17:41

Instrument :

BNA_F

ClientSampleId :

B-4

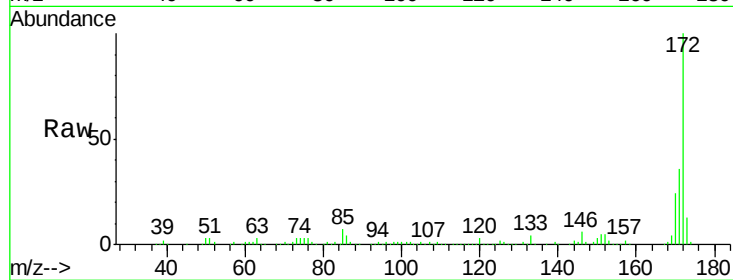
Tgt Ion:172 Resp: 454841

Ion Ratio Lower Upper

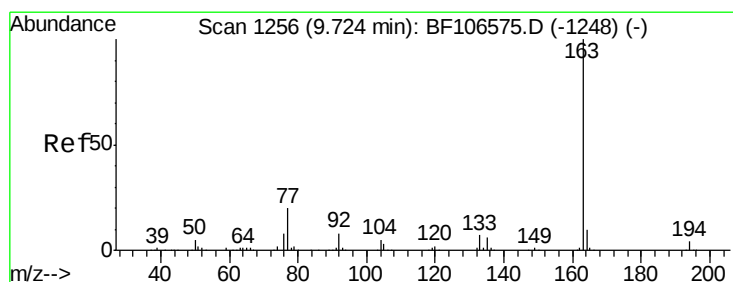
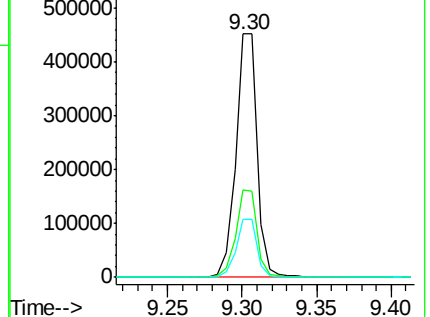
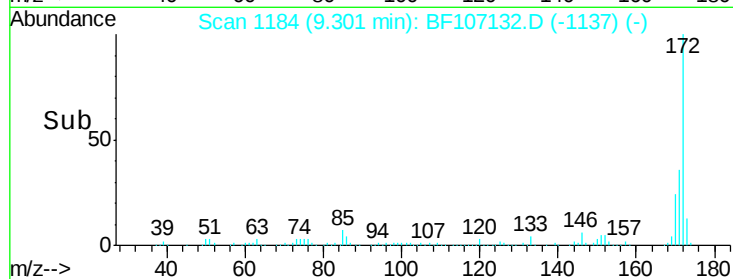
172 100

171 35.8 29.7 44.5

170 23.9 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: 13.332 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107132.D

Acq: 5 Jul 2018 17:41

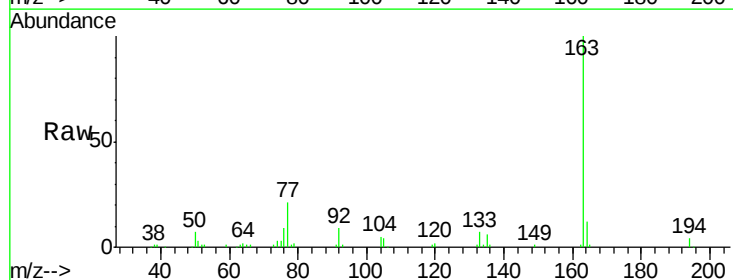
Tgt Ion:163 Resp: 97365

Ion Ratio Lower Upper

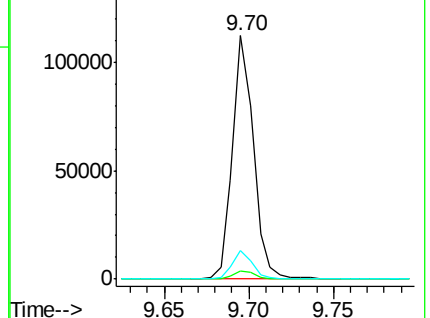
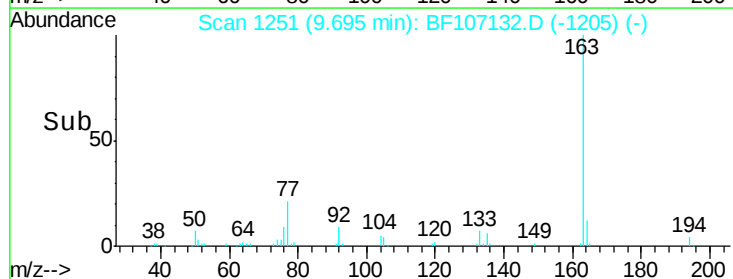
163 100

194 3.5 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

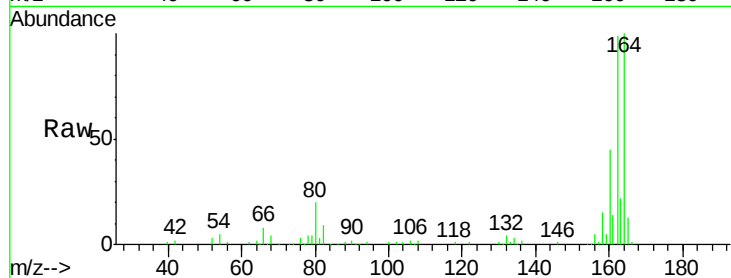




#56
 2,4-Dinitrotoluene
 Concen: 5.995 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tgt Ion:	165	Resp:	12102
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#

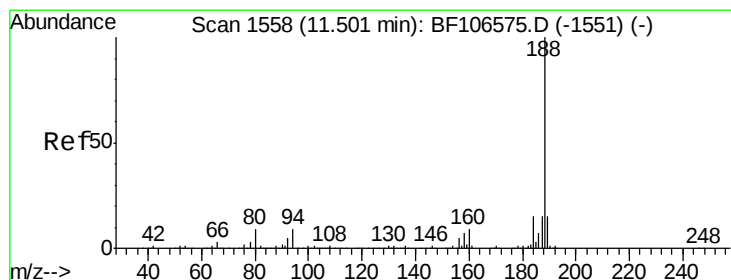
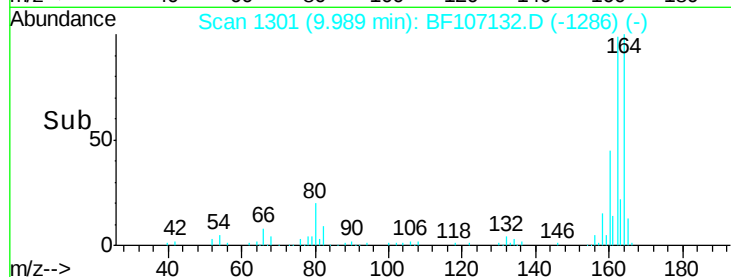
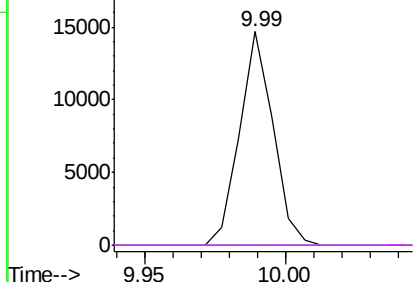


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

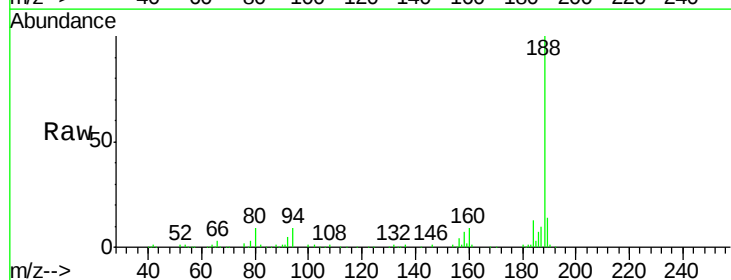
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

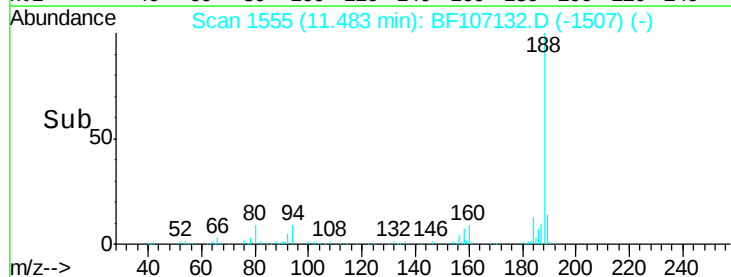
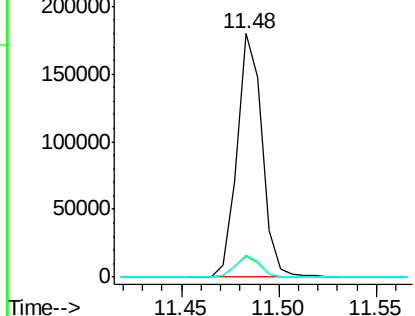
Tgt Ion:	188	Resp:	159811
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.2	9.2	13.8

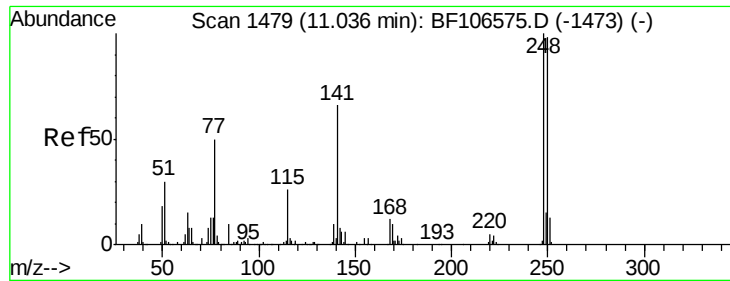


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

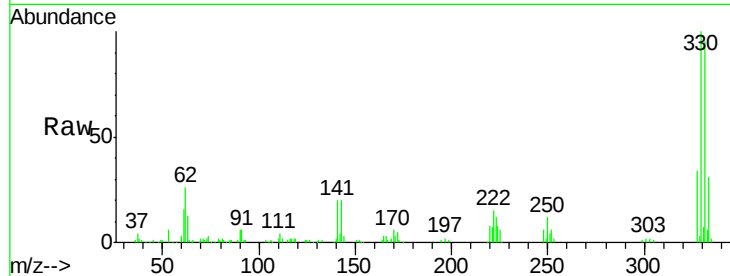




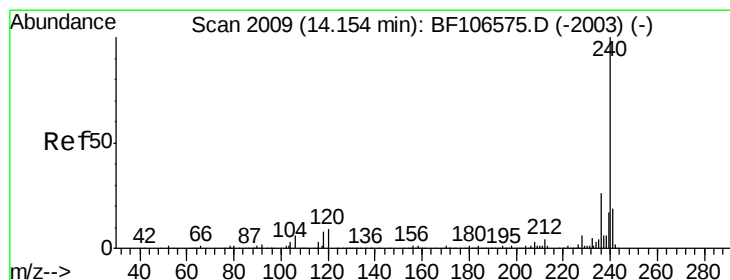
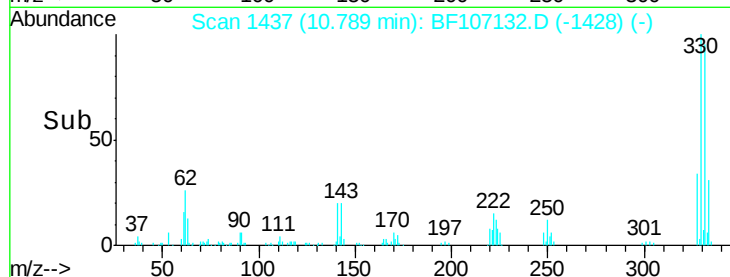
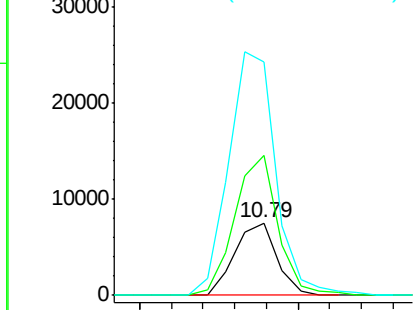
#66
4-Bromophenyl-phenylether
Concen: 3.628 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107132.D
Acq: 5 Jul 2018 17:41

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:248 Resp: 6919
Ion Ratio Lower Upper
248 100
250 194.7 76.9 115.3#
141 323.5 74.4 111.6#

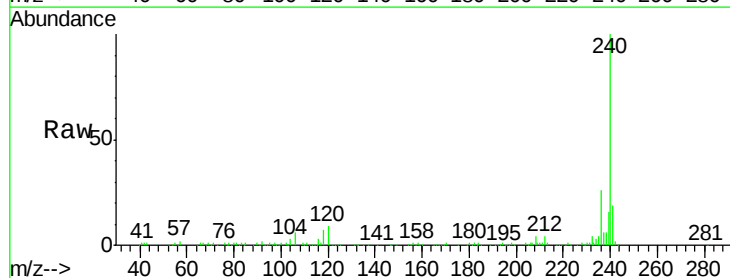


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

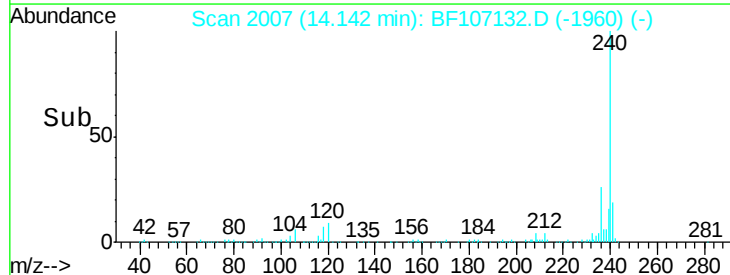
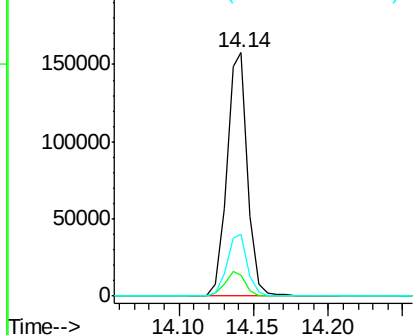


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107132.D
Acq: 5 Jul 2018 17:41

Tgt Ion:240 Resp: 153999
Ion Ratio Lower Upper
240 100
120 8.7 9.5 14.3#
236 25.7 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

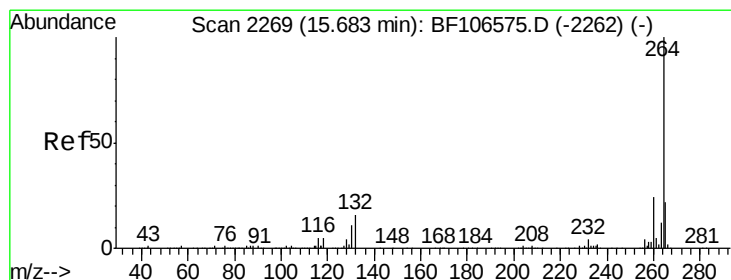
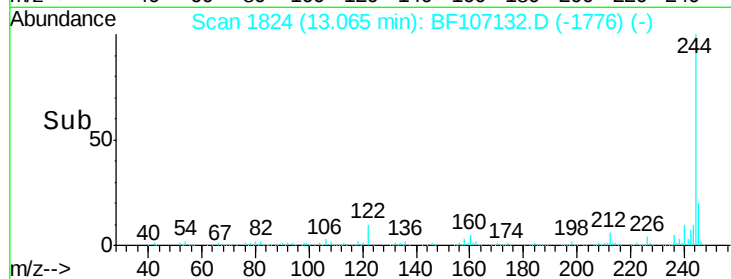
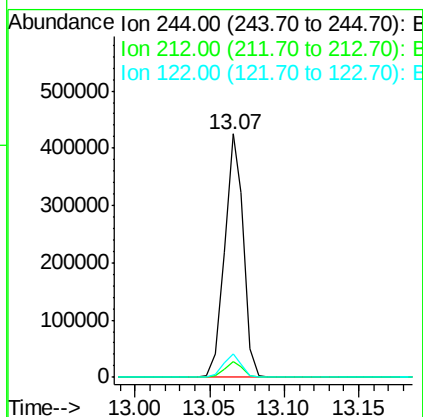
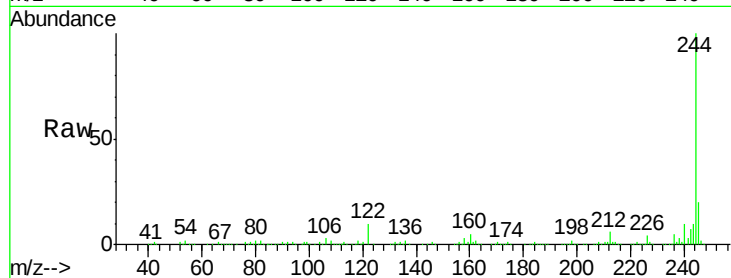




#78
 Terphenyl-d14
 Concen: 59.247 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tgt Ion:244 Resp: 376668
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF107132.D
 Acq: 5 Jul 2018 17:41

Tgt Ion:264 Resp: 133695
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.9 17.5 26.3

