

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
 Data File : BF109600.D
 Acq On : 4 Oct 2018 21:10
 Operator : JU/SJ
 Sample : J5243-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Oct 05 01:31:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

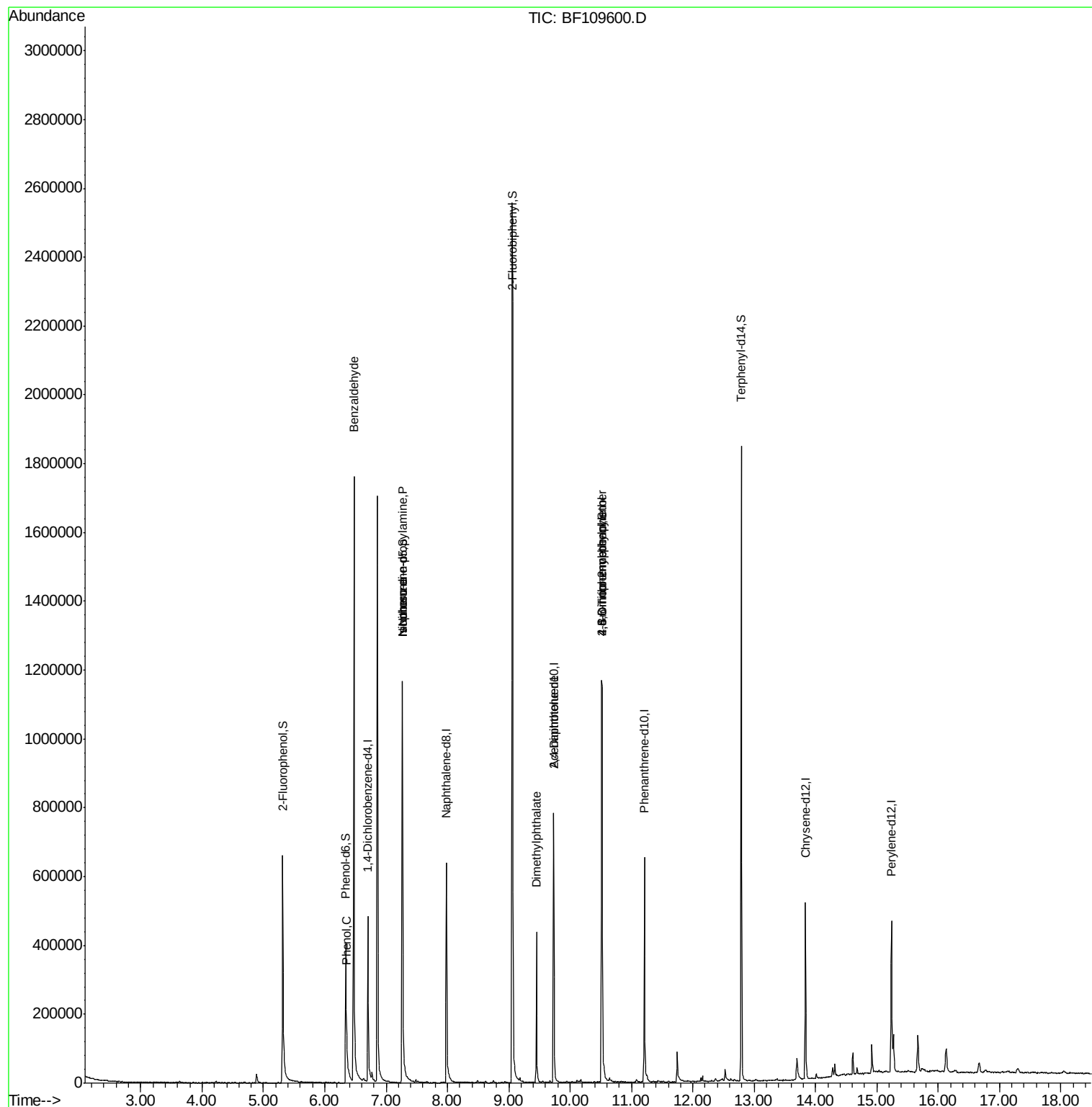
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	92352	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	352590	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	162335	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	260691	20.00	ng	0.00
75) Chrysene-d12	13.84	240	199272	20.00	ng	0.00
86) Perylene-d12	15.24	264	212806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	255172	45.51	ng	0.00
7) Phenol-d6	6.34	99	201834	28.21	ng	-0.02
23) Nitrobenzene-d5	7.27	82	512841	85.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	173150	108.20	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	926270	86.06	ng	-0.02
78) Terphenyl-d14	12.79	244	619941	76.35	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	11804	2.568	ng	# 75
10) Phenol	6.36	94	21359	2.636	ng	# 87
19) n-Nitroso-di-n-propylamine	7.26	70	67622	14.424	ng	# 77
25) Isophorone	7.27	82	501326	46.610	ng	# 64
49) Dimethylphthalate	9.45	163	175144	14.834	ng	# 98
56) 2,4-Dinitrotoluene	9.73	165	20500	6.928	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	310	6.776	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10548	3.644	ng	# 1

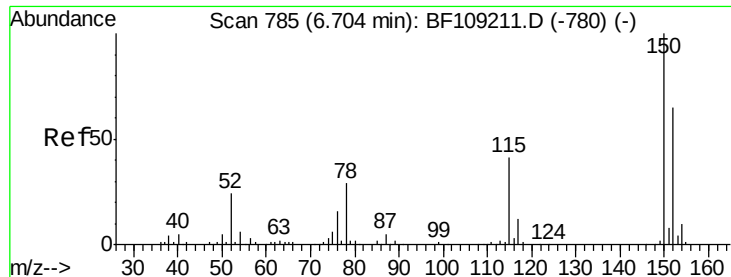
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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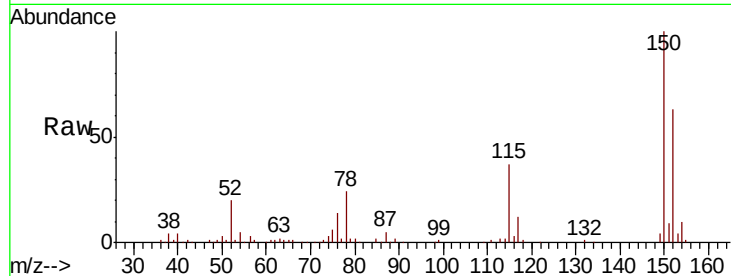


#1

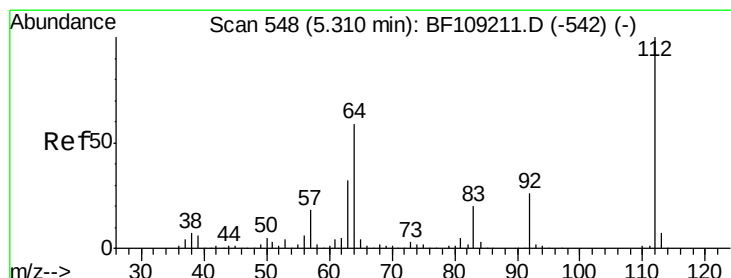
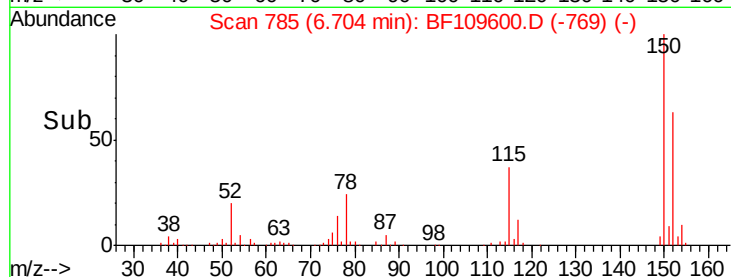
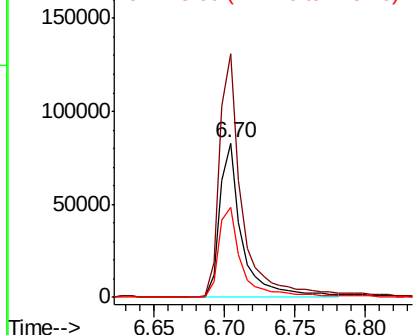
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109600.D
Acq: 4 Oct 2018 21:10

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:152 Resp: 92352
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 57.9 50.1 75.1



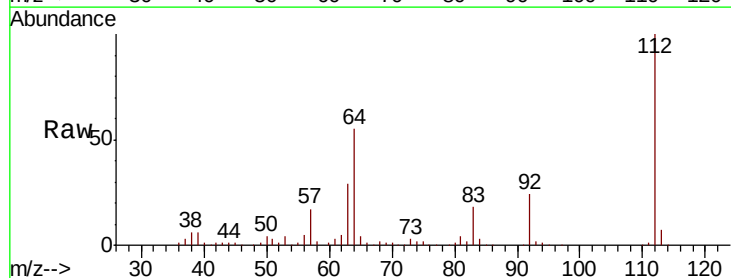
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



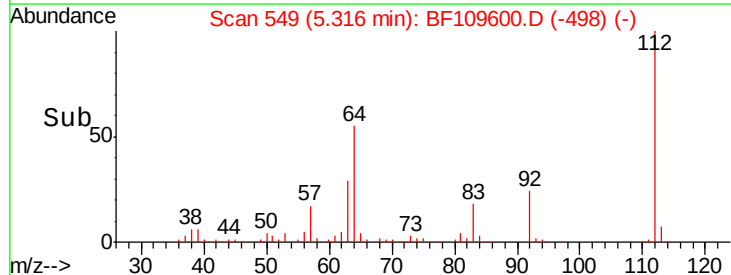
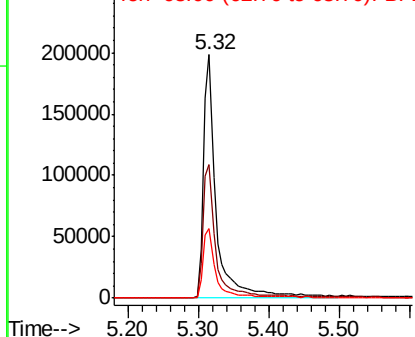
#5

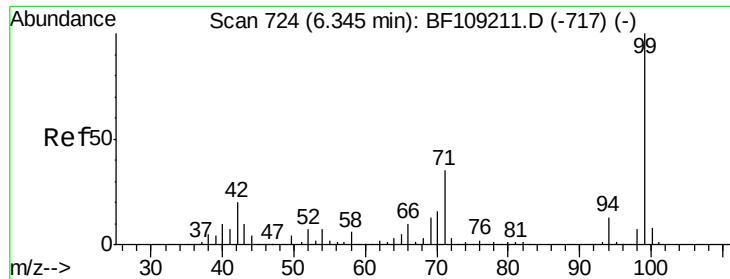
2-Fluorophenol
Concen: 45.509 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109600.D
Acq: 4 Oct 2018 21:10

Tgt Ion:112 Resp: 255172
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 28.6 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: 28.210 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109600.D

Acq: 4 Oct 2018 21:10

Instrument :

BNA_F

ClientSampleId :

DSN001

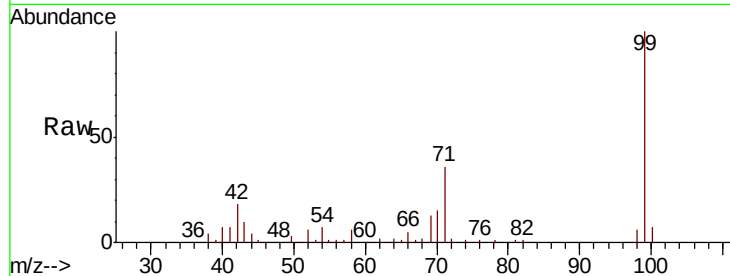
Tgt Ion: 99 Resp: 201834

Ion Ratio Lower Upper

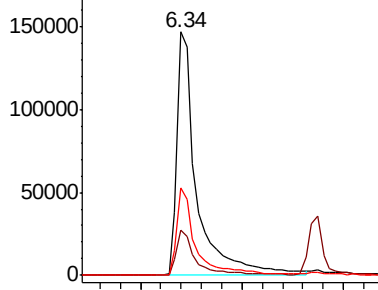
99 100

42 18.4 14.5 21.7

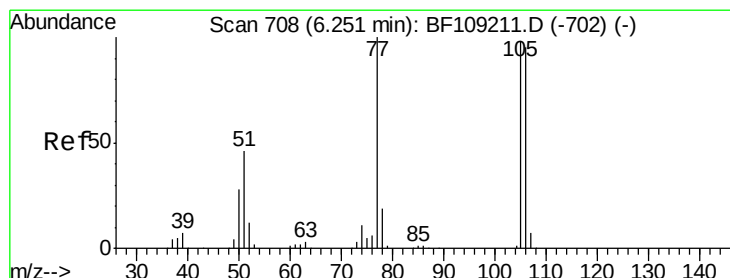
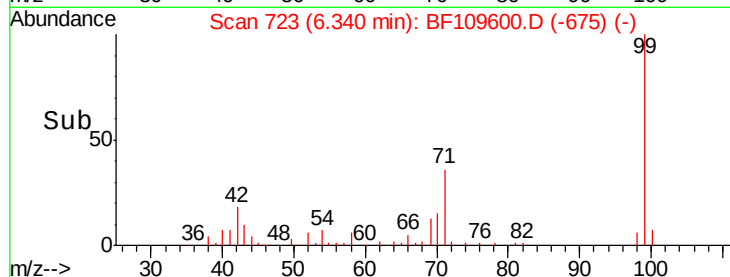
71 35.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#9

Benzaldehyde

Concen: 2.568 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109600.D

Acq: 4 Oct 2018 21:10

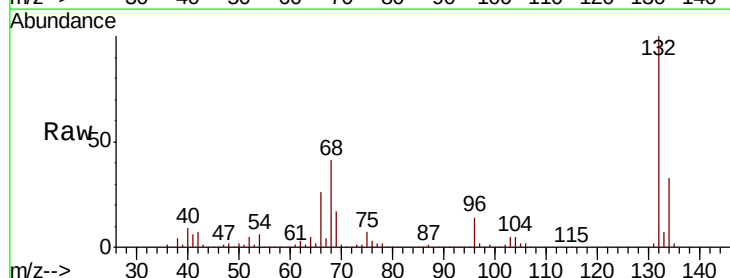
Tgt Ion: 77 Resp: 11804

Ion Ratio Lower Upper

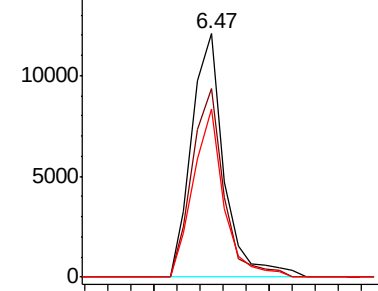
77 100

105 77.4 81.1 121.1#

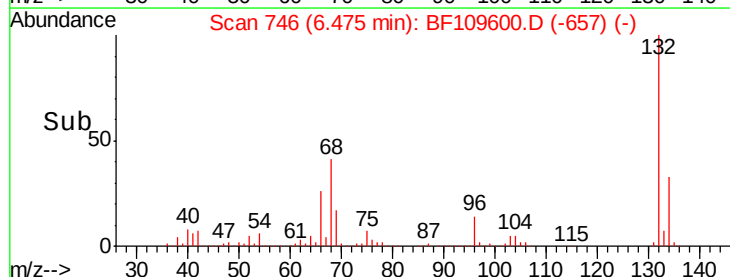
106 68.9 74.5 114.5#

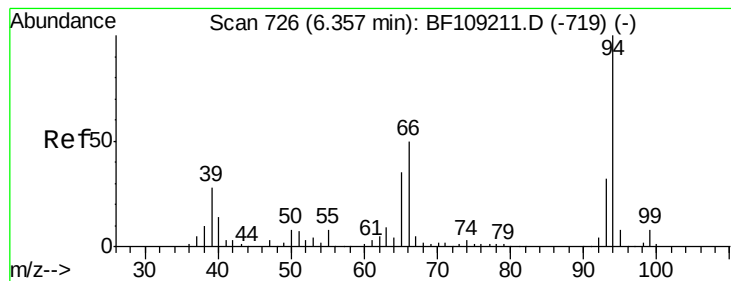


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



Time-->





#10

Phenol

Concen: 2.636 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109600.D

Acq: 4 Oct 2018 21:10

Instrument :

BNA_F

ClientSampleId :

DSN001

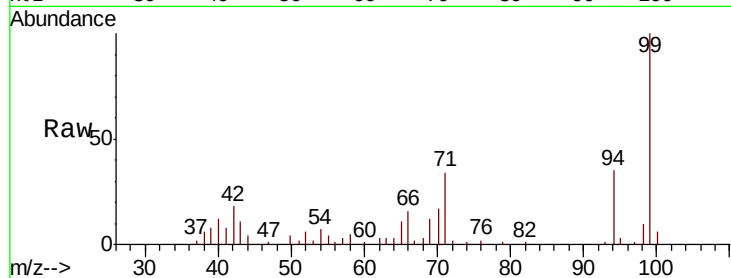
Tgt Ion: 94 Resp: 21359

Ion Ratio Lower Upper

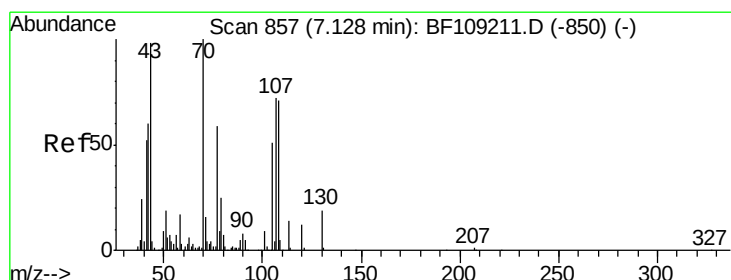
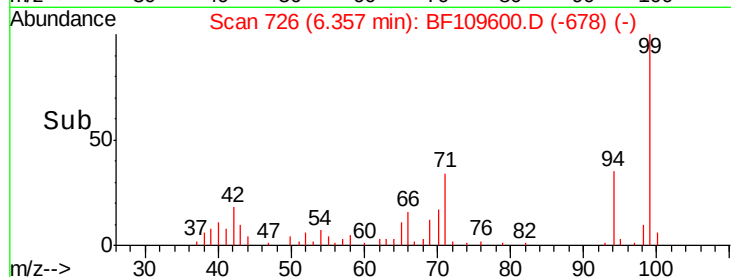
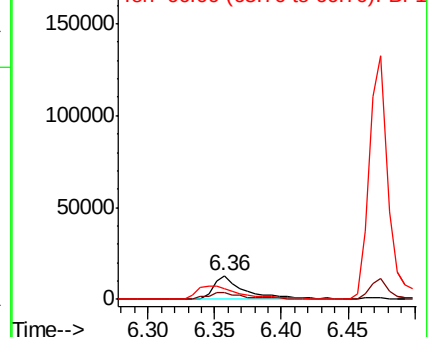
94 100

65 31.2 7.9 47.9

66 47.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.424 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109600.D

Acq: 4 Oct 2018 21:10

Tgt Ion: 70 Resp: 67622

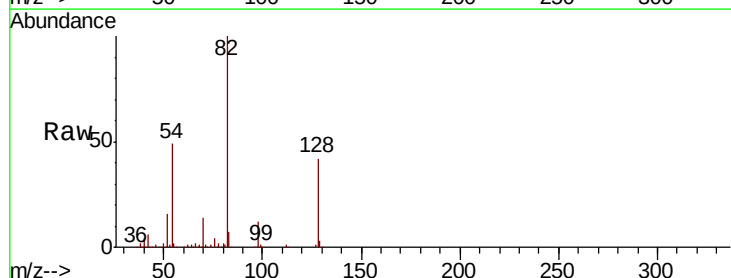
Ion Ratio Lower Upper

70 100

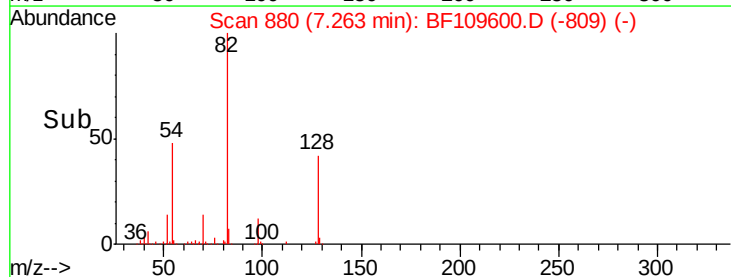
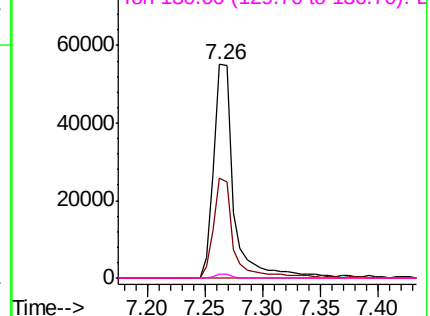
42 47.0 47.5 71.3#

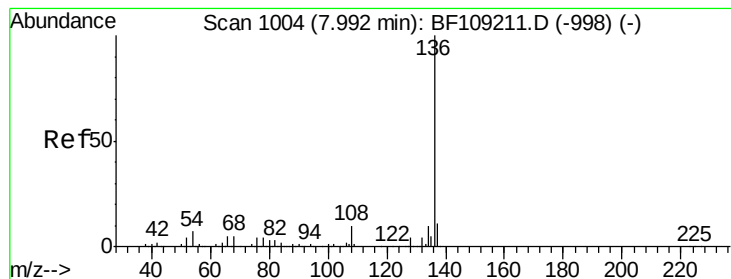
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109600.D

Acq: 4 Oct 2018 21:10

Instrument :

BNA_F

ClientSampleId :

DSN001

Tgt Ion: 136 Resp: 352590

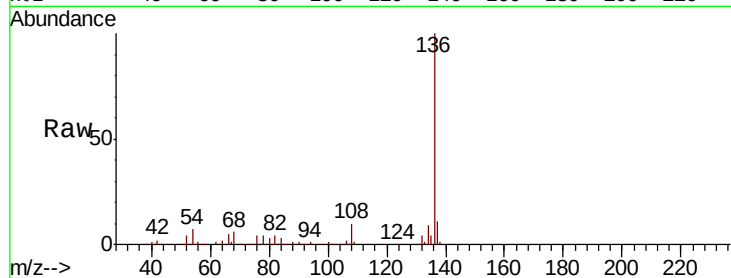
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.3 6.6 9.8

68 6.0 5.0 7.4

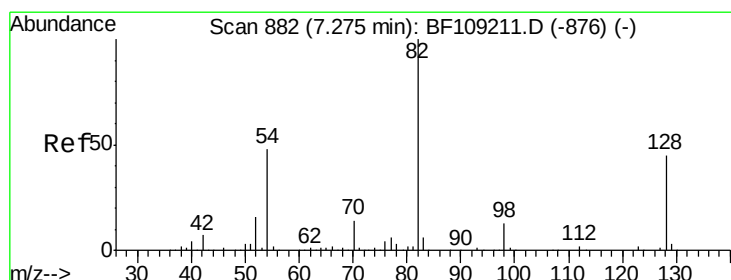
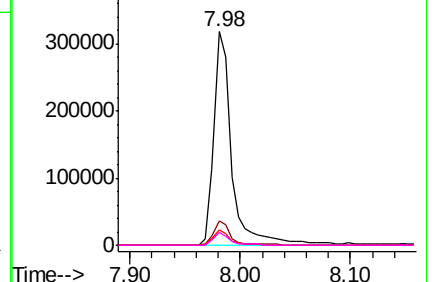
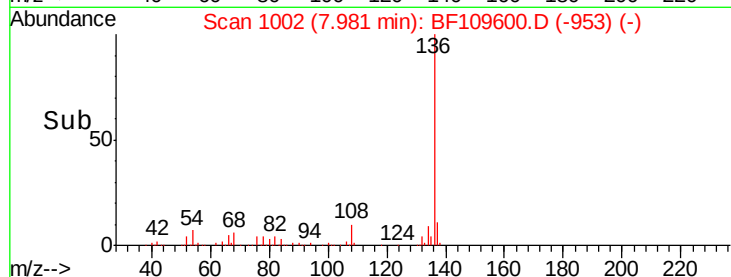


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 85.861 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109600.D

Acq: 4 Oct 2018 21:10

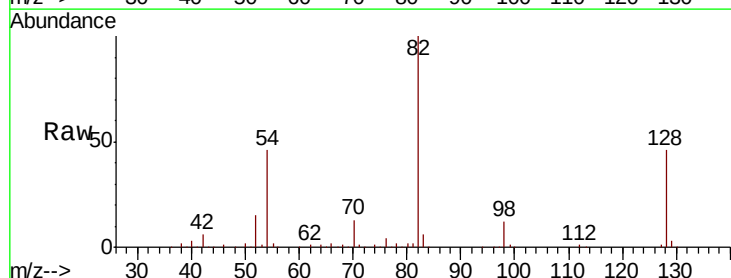
Tgt Ion: 82 Resp: 512841

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

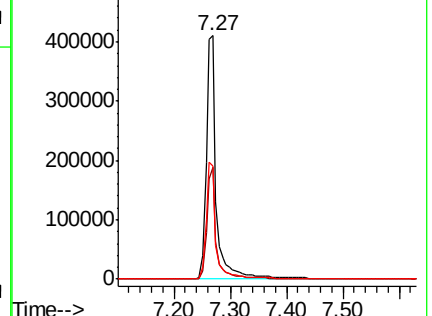
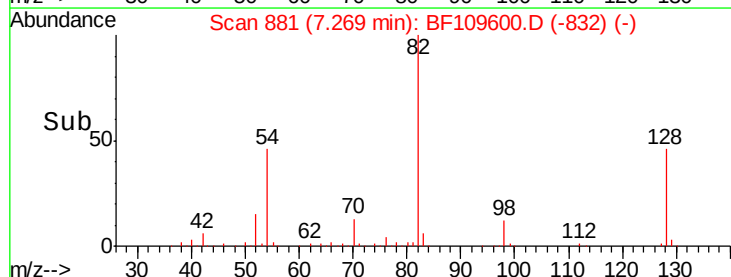
54 46.2 41.4 62.2

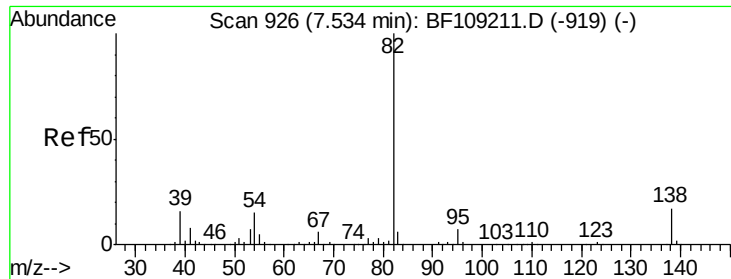


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.610 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109600.D

Acq: 4 Oct 2018 21:10

Instrument :

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ClientSampleId :

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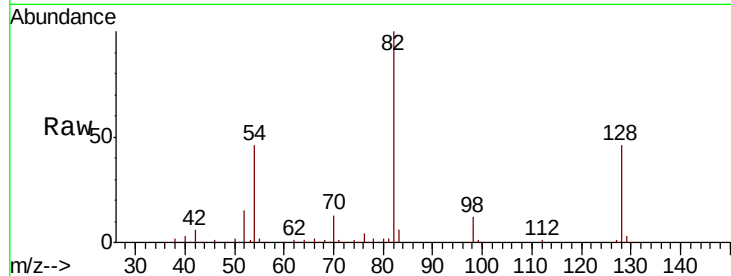
Tgt Ion: 82 Resp: 501326

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

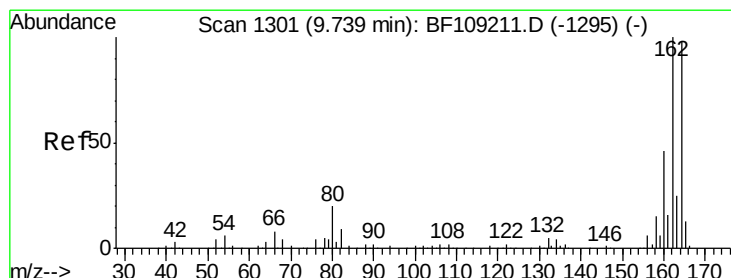
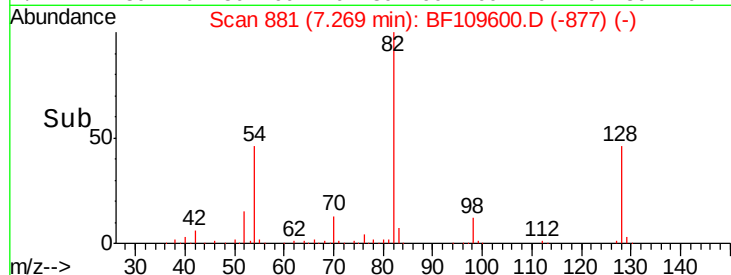
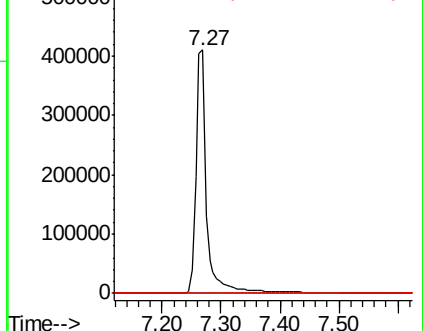
138 0.0 14.9 22.3#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109600.D

Acq: 4 Oct 2018 21:10

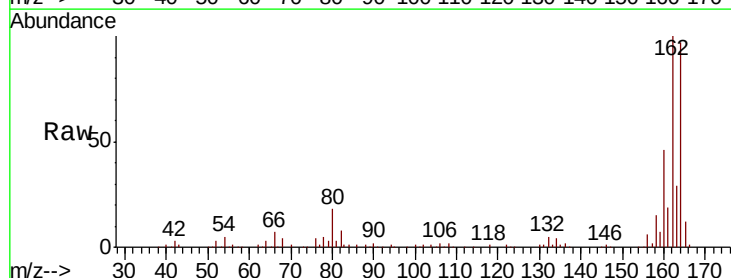
Tgt Ion: 164 Resp: 162335

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

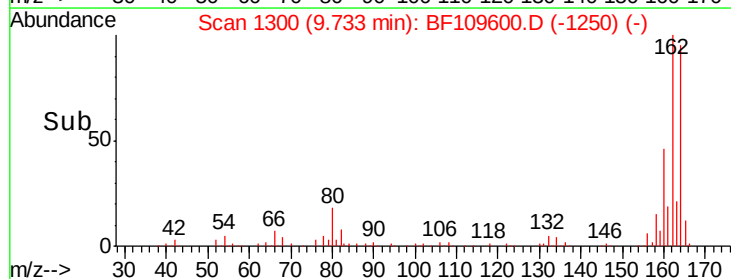
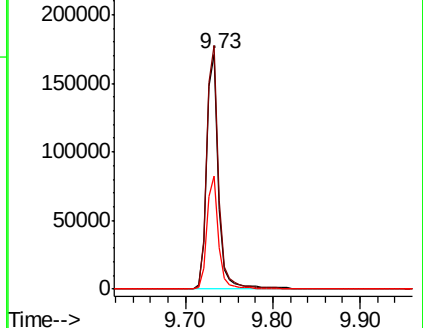
160 47.9 38.3 57.5

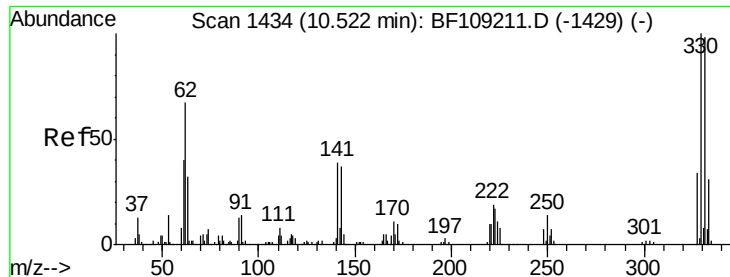


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

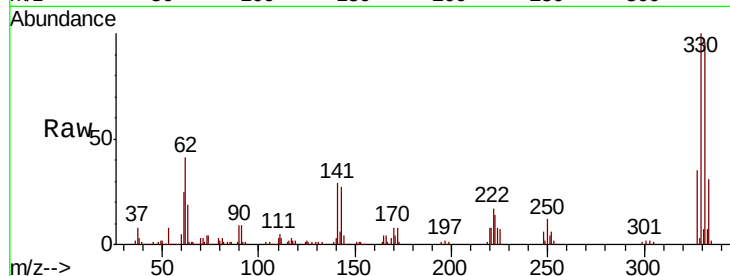




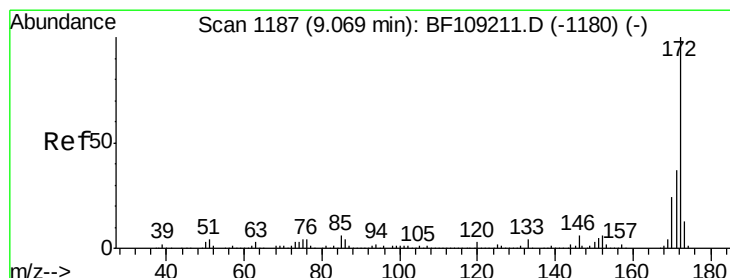
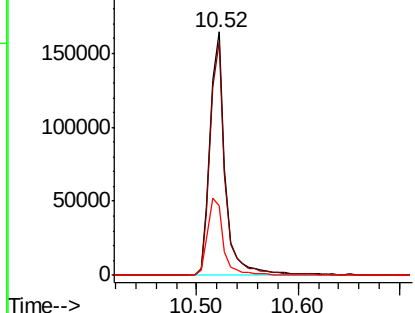
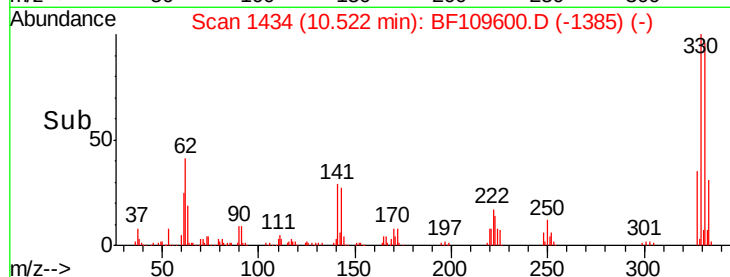
#41
 2,4,6-Tribromophenol
 Concen: 108.199 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109600.D
 Acq: 4 Oct 2018 21:10

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion: 330 Resp: 173150
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 33.9 29.9 44.9

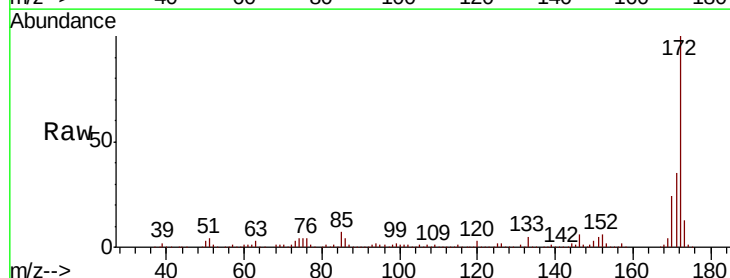


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

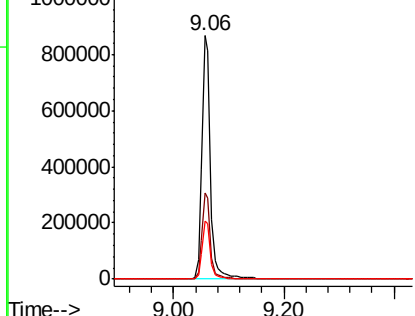
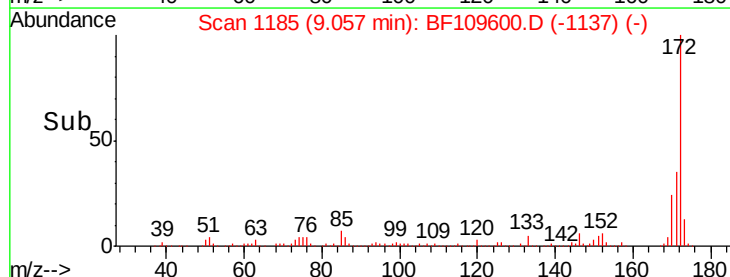


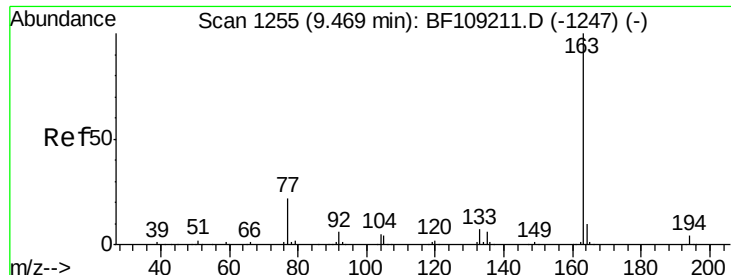
#44
 2-Fluorobiphenyl
 Concen: 86.056 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109600.D
 Acq: 4 Oct 2018 21:10

Tgt Ion: 172 Resp: 926270
 Ion Ratio Lower Upper
 172 100
 171 35.5 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

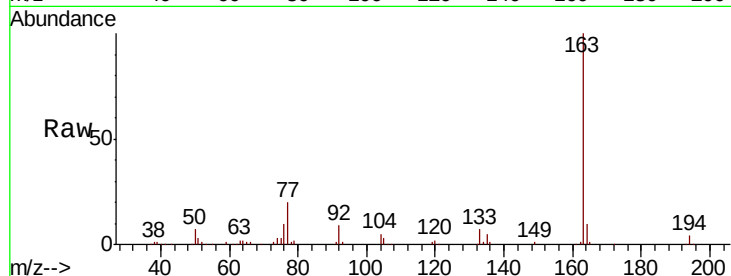




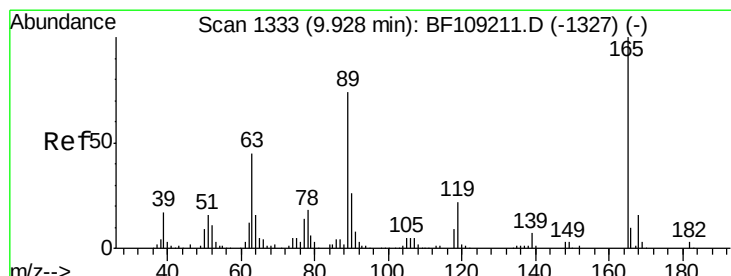
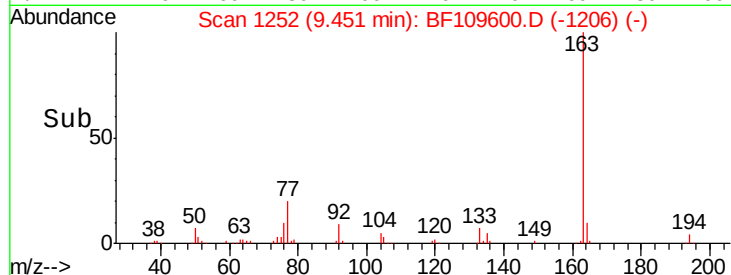
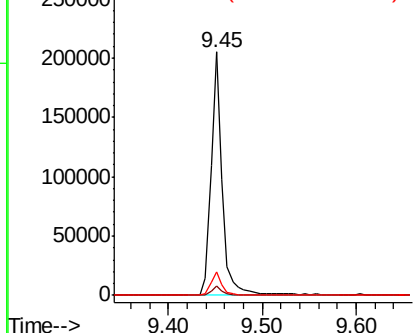
#49
Dimethylphthalate
Concen: 14.834 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109600.D
Acq: 4 Oct 2018 21:10

Instrument :
BNA_F
ClientSampled :
DSN001

Tgt Ion:163 Resp: 175144
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.6 8.2 12.2

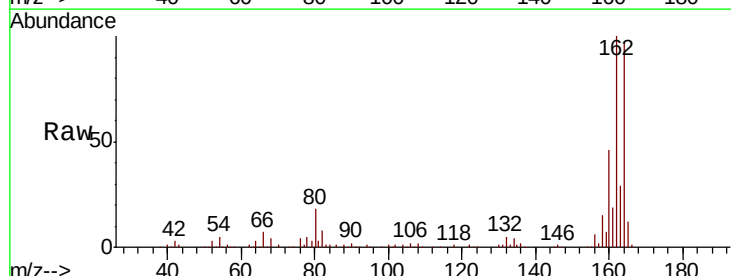


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

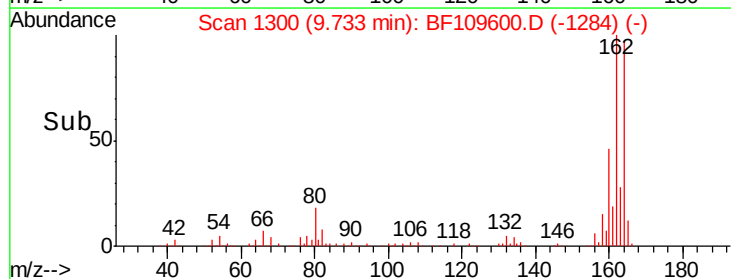
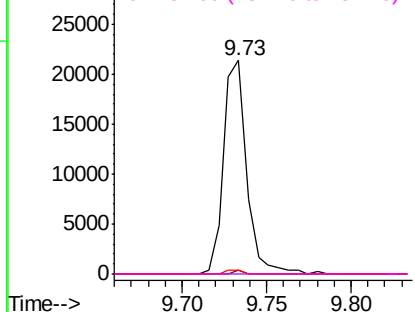


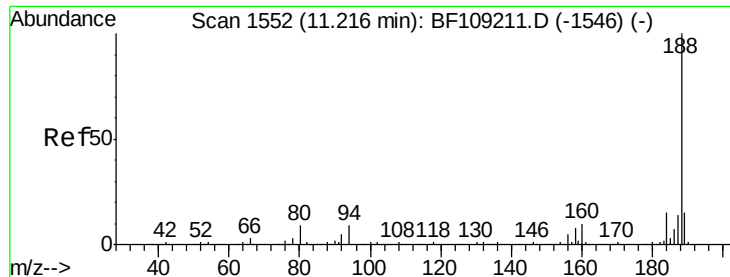
#56
2,4-Dinitrotoluene
Concen: 6.928 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109600.D
Acq: 4 Oct 2018 21:10

Tgt Ion:165 Resp: 20500
Ion Ratio Lower Upper
165 100
63 2.1 36.4 54.6#
89 1.9 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

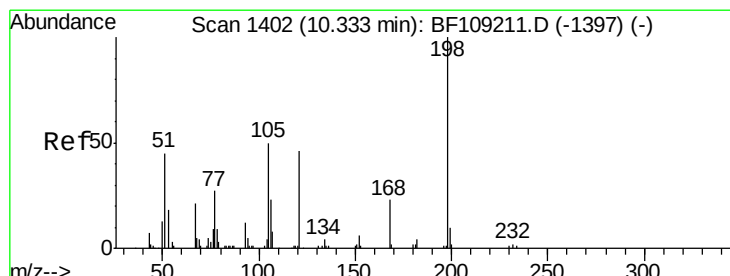
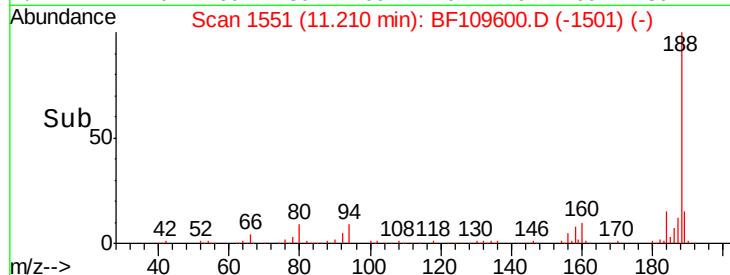
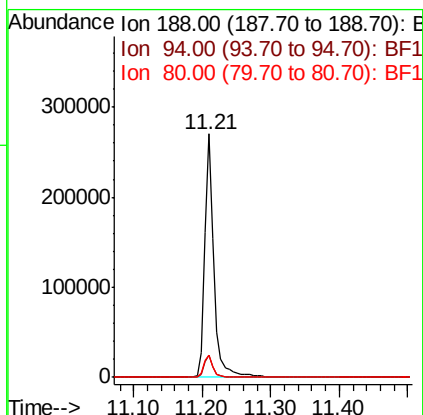
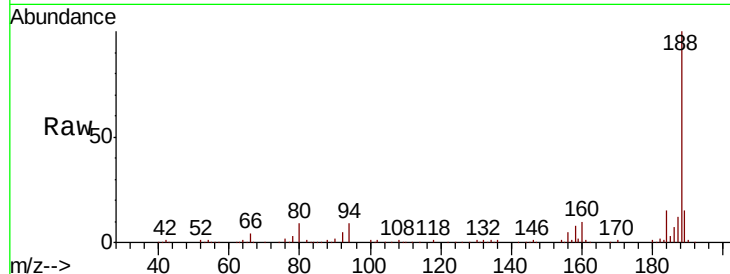




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109600.D
 Acq: 4 Oct 2018 21:10

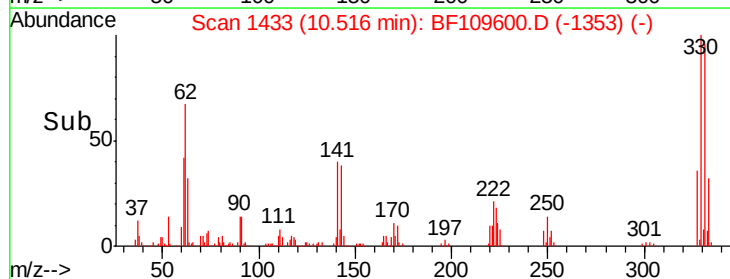
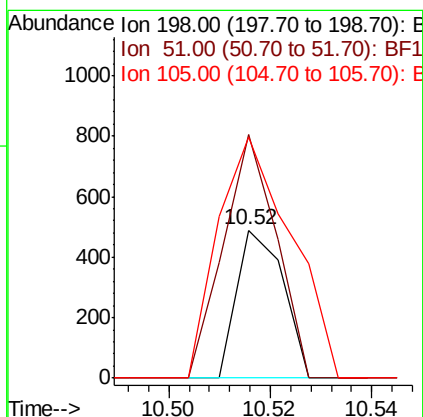
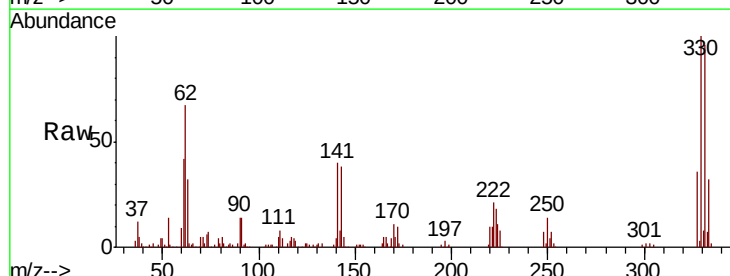
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

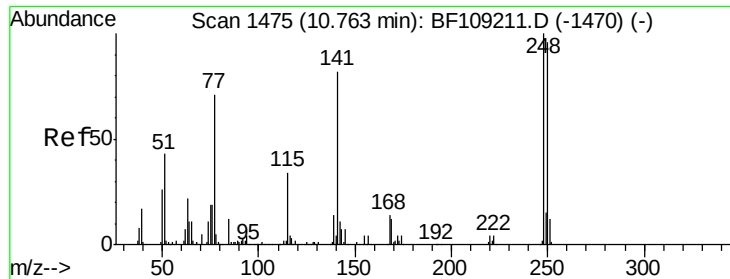
Tgt Ion:188 Resp: 260691
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 9.2 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.776 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109600.D
 Acq: 4 Oct 2018 21:10

Tgt Ion:198 Resp: 310
 Ion Ratio Lower Upper
 198 100
 51 164.6 37.7 77.7#
 105 163.2 36.3 76.3#

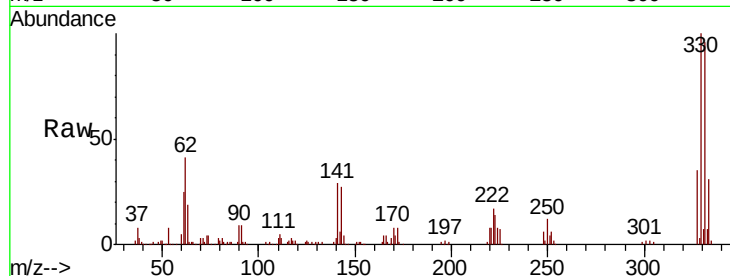




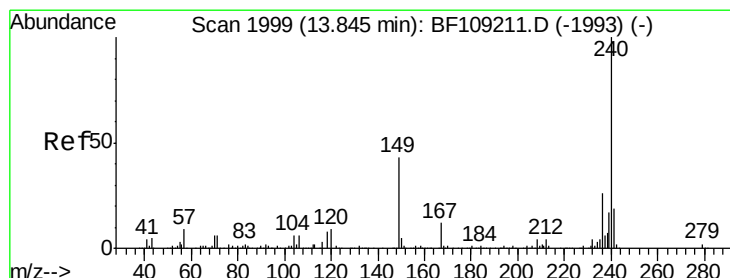
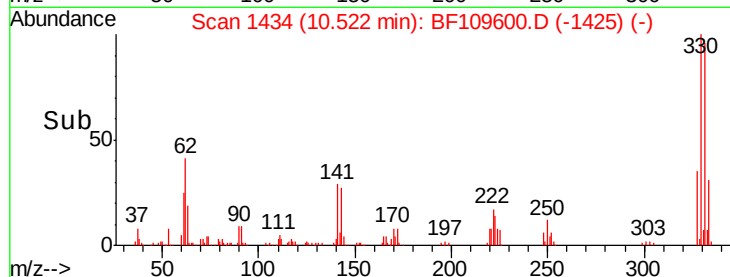
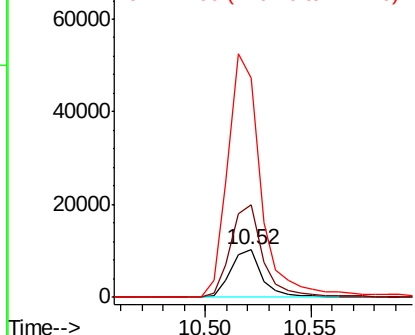
#66
 4-Bromophenyl-phenylether
 Concen: 3.644 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109600.D
 Acq: 4 Oct 2018 21:10

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion: 248 Resp: 10548
 Ion Ratio Lower Upper
 248 100
 250 193.6 76.9 115.3#
 141 460.0 74.4 111.6#

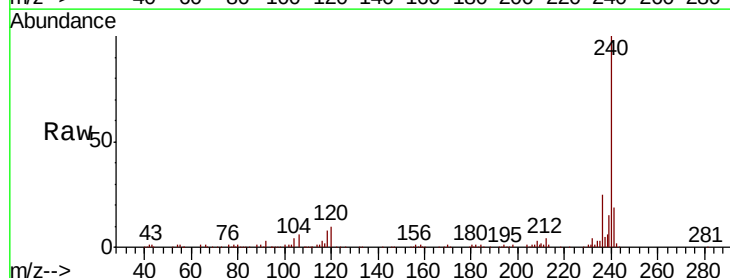


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

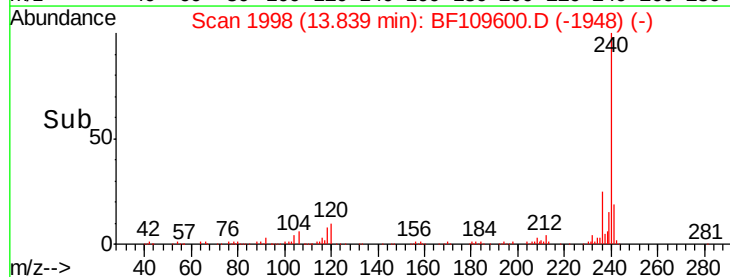
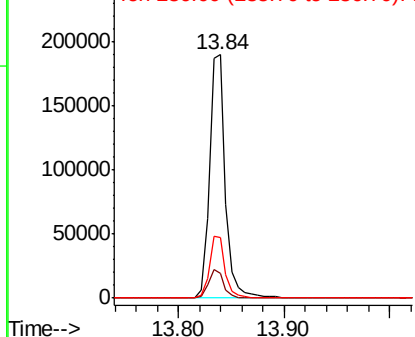


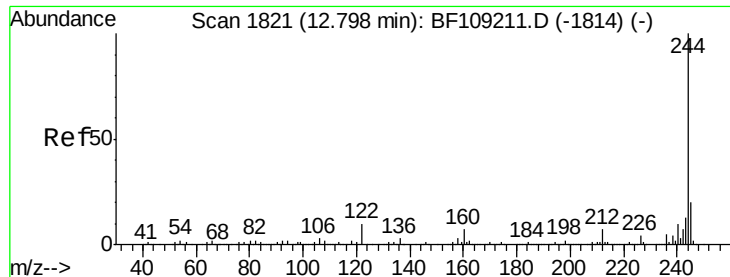
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109600.D
 Acq: 4 Oct 2018 21:10

Tgt Ion: 240 Resp: 199272
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.5 14.3
 236 25.0 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

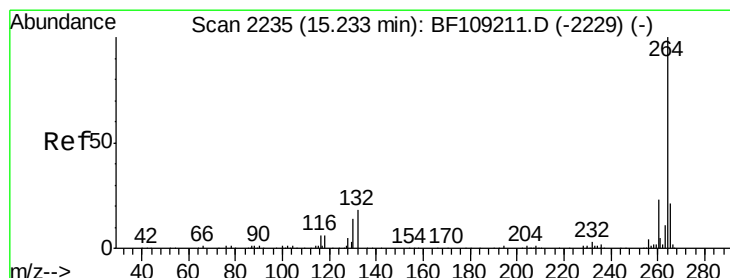
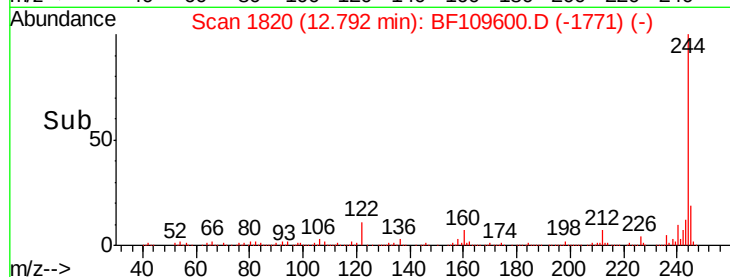
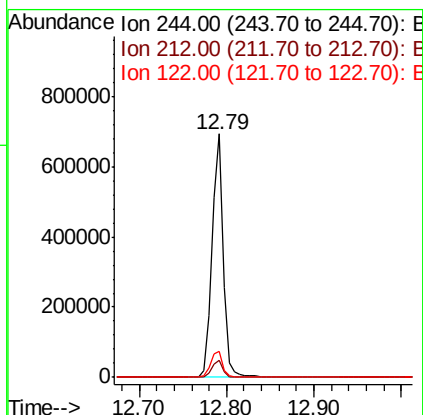
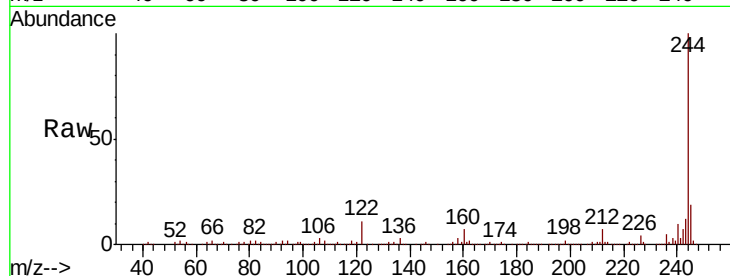




#78
 Terphenyl-d14
 Concen: 76.350 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109600.D
 Acq: 4 Oct 2018 21:10

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:244 Resp: 619941
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109600.D
 Acq: 4 Oct 2018 21:10

Tgt Ion:264 Resp: 212806
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.9 17.5 26.3

