

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
 Data File : BF109994.D
 Acq On : 19 Oct 2018 7:55
 Operator : JU/SJ
 Sample : J5543-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101618-DBRI-E-D-M

Quant Time: Oct 19 10:32:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

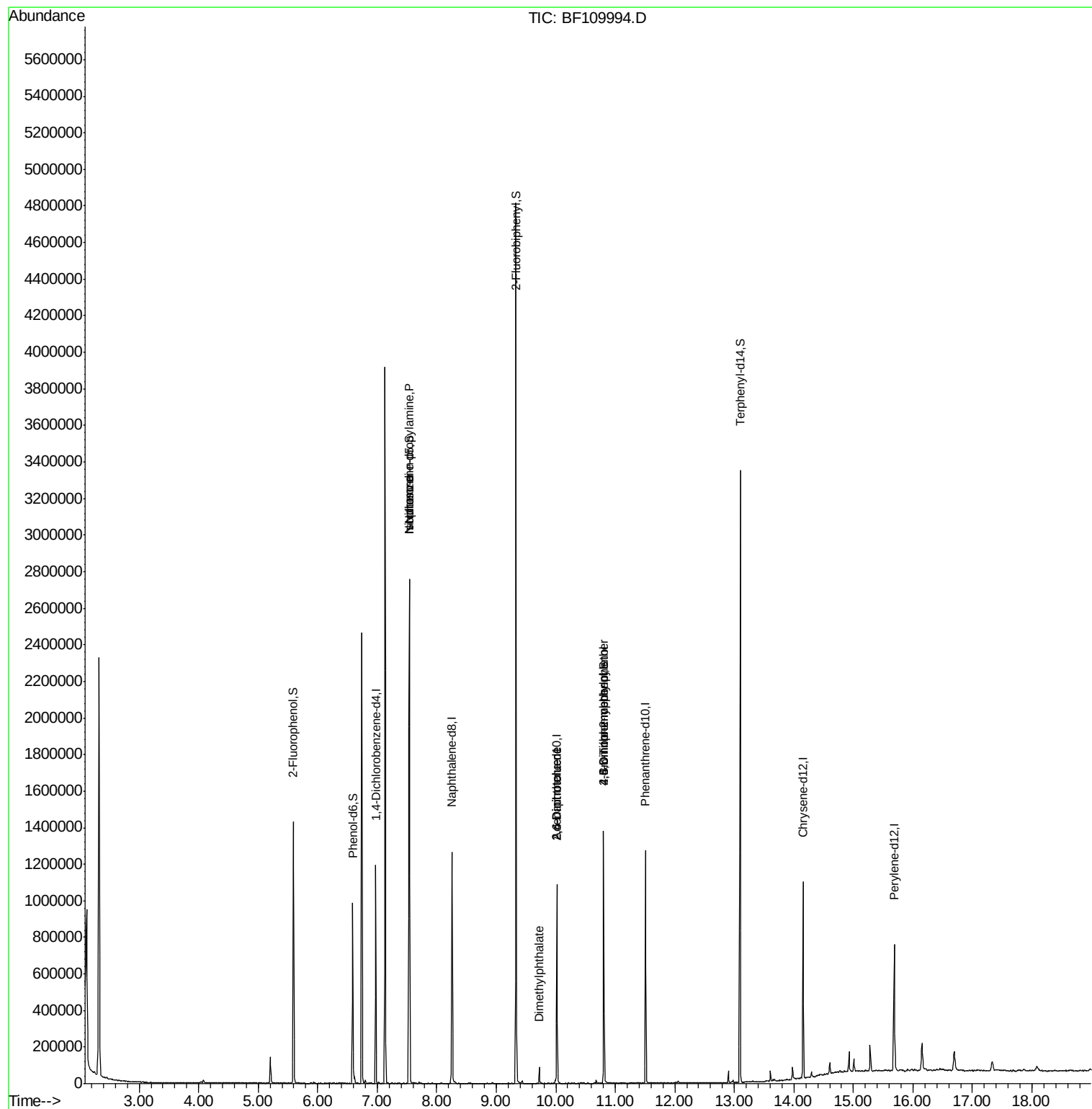
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158585	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	578475	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	222140	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	395450	20.00	ng	0.00
76) Chrysene-d12	14.16	240	353347	20.00	ng	0.00
87) Perylene-d12	15.69	264	252936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	383987	38.38	ng	0.00
7) Phenol-d6	6.59	99	270926	21.81	ng	-0.02
23) Nitrobenzene-d5	7.54	82	849074	98.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	164311	85.43	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1389348	99.80	ng	0.00
79) Terphenyl-d14	13.10	244	1132438	67.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	114625	14.370	ng	# 79
25) Isophorone	7.54	82	849054	50.320	ng	# 67
50) Dimethylphthalate	9.72	163	34744	2.209	ng	# 98
51) 2,6-Dinitrotoluene	10.02	165	27404	9.173	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	27404	11.151	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	341	8.103	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	10879	2.538	ng	# 1

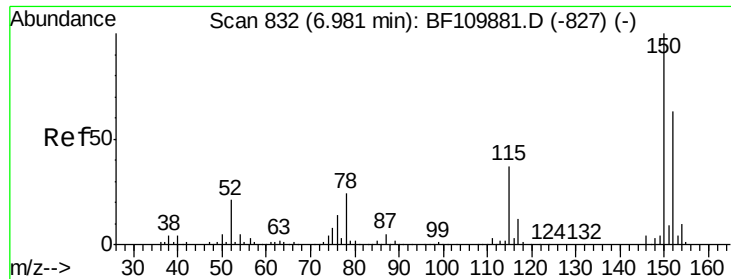
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



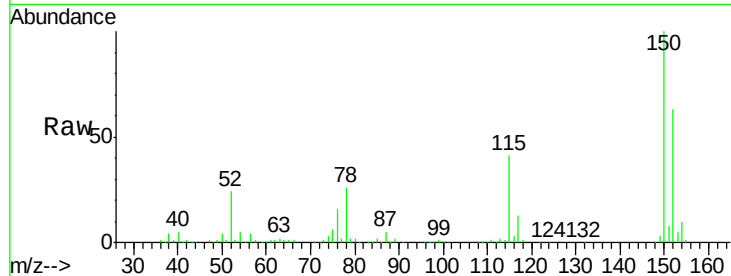


#1

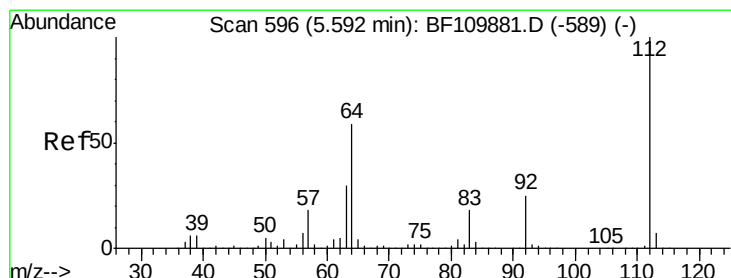
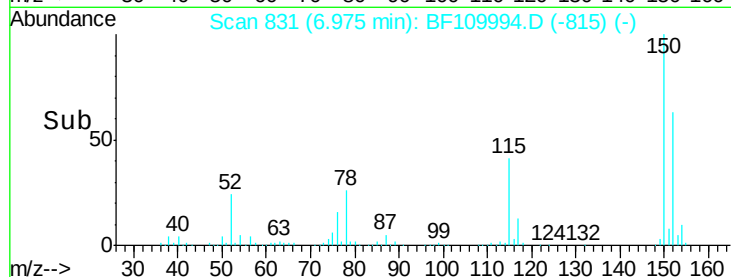
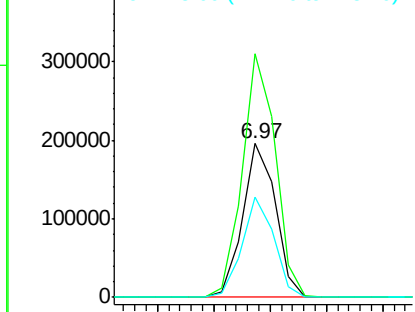
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Tgt Ion:152 Resp: 158585
Ion Ratio Lower Upper
152 100
150 158.6 122.7 184.1
115 65.1 49.1 73.7



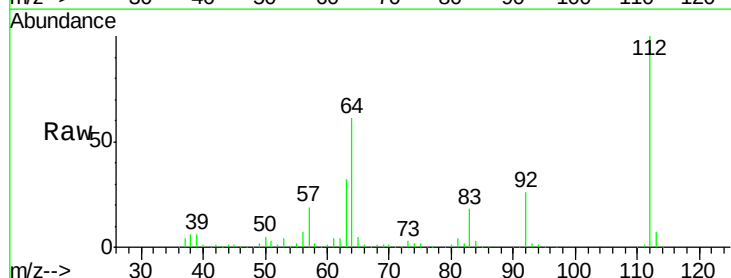
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



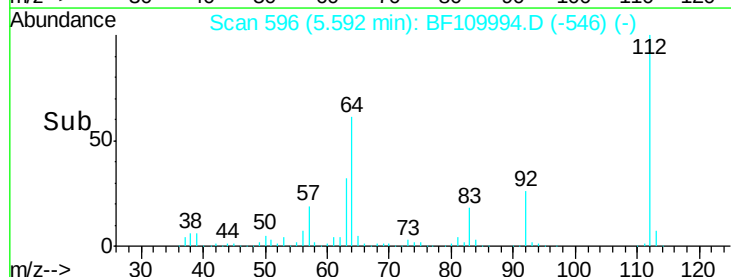
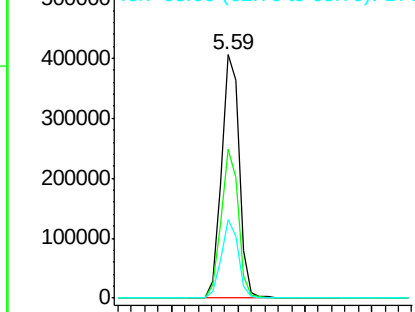
#5

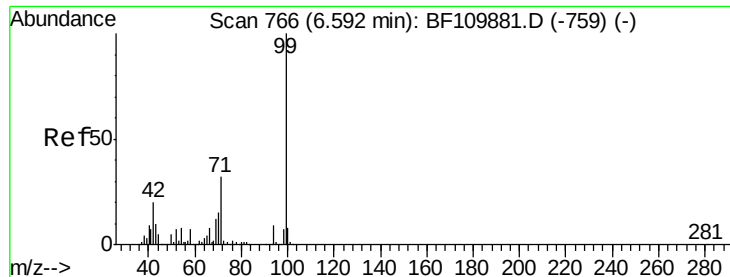
2-Fluorophenol
Concen: 38.381 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion:112 Resp: 383987
Ion Ratio Lower Upper
112 100
64 61.1 44.1 66.1
63 32.2 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: 21.808 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109994.D

Acq: 19 Oct 2018 7:55

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-M

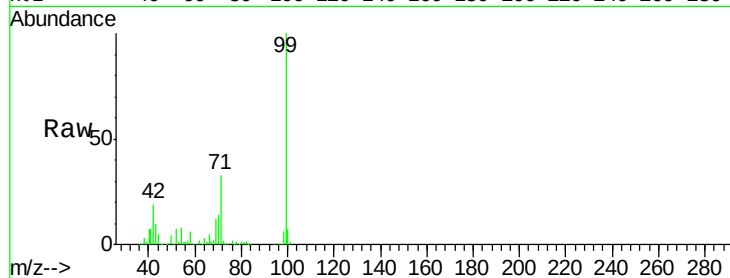
Tgt Ion: 99 Resp: 270926

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

71 32.8 28.0 42.0



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

400000

300000

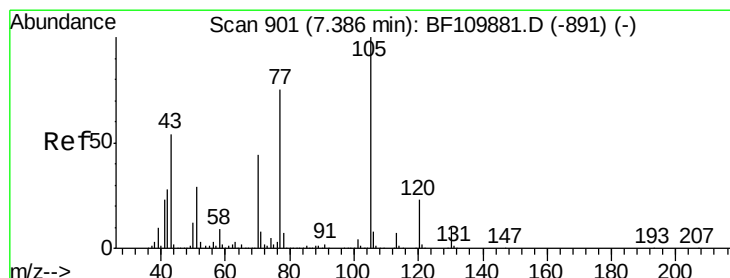
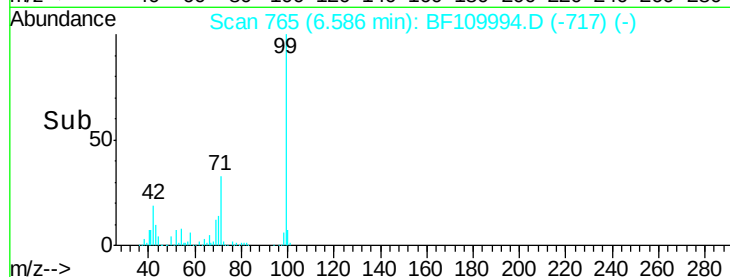
200000

100000

0

6.59

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 14.370 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF109994.D

Acq: 19 Oct 2018 7:55

Tgt Ion: 70 Resp: 114625

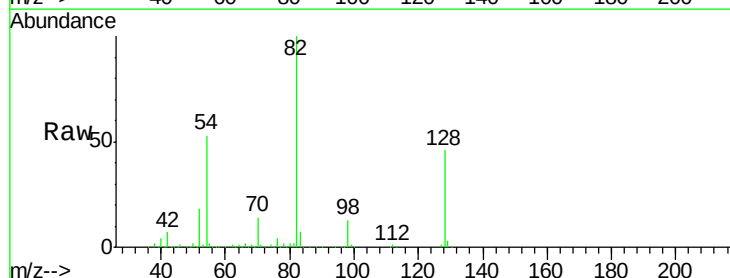
Ion Ratio Lower Upper

70 100

42 48.5 47.4 71.2

101 0.0 7.3 10.9#

130 2.3 16.2 24.2#



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

200000

150000

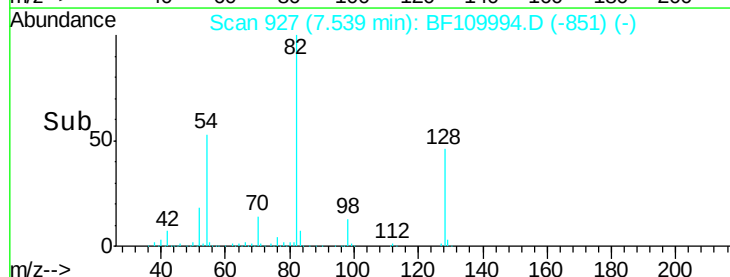
100000

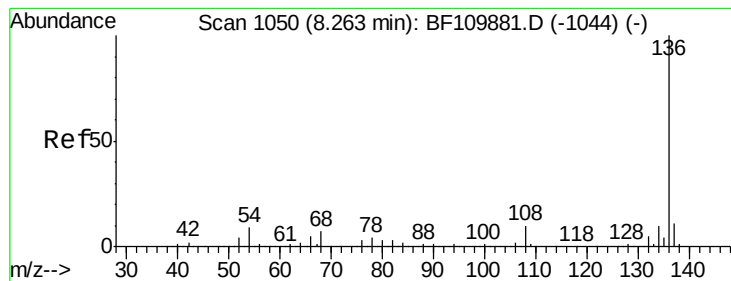
50000

0

7.54

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109994.D

Acq: 19 Oct 2018 7:55

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-M

Tgt Ion: 136 Resp: 578475

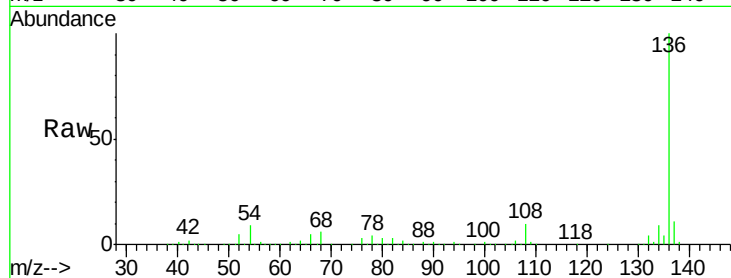
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.1 5.4 8.2#

68 6.1 4.2 6.2

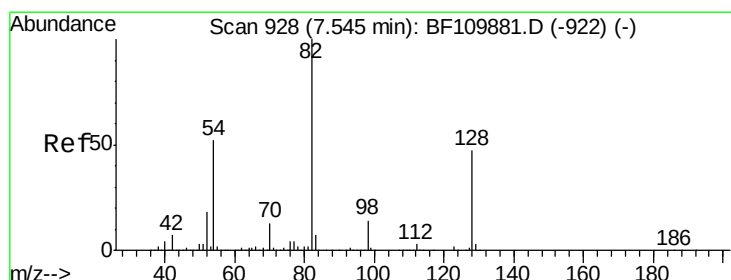
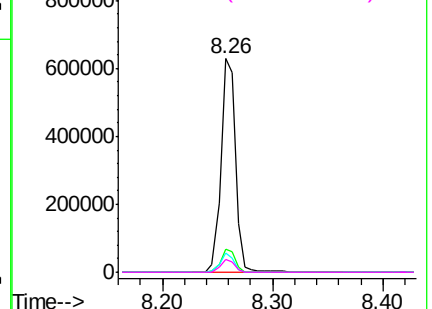
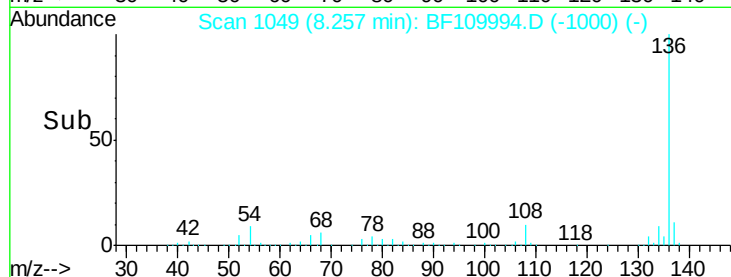


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.875 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF109994.D

Acq: 19 Oct 2018 7:55

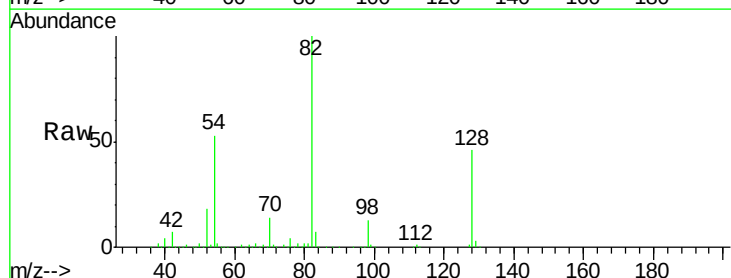
Tgt Ion: 82 Resp: 849074

Ion Ratio Lower Upper

82 100

128 45.6 34.2 51.2

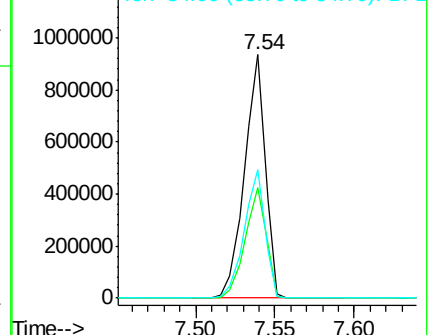
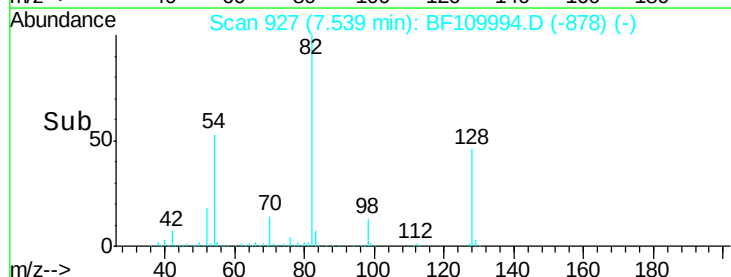
54 52.7 38.6 58.0

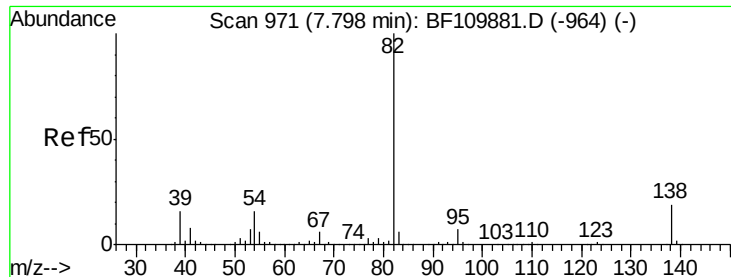


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.320 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109994.D

Acq: 19 Oct 2018 7:55

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-M

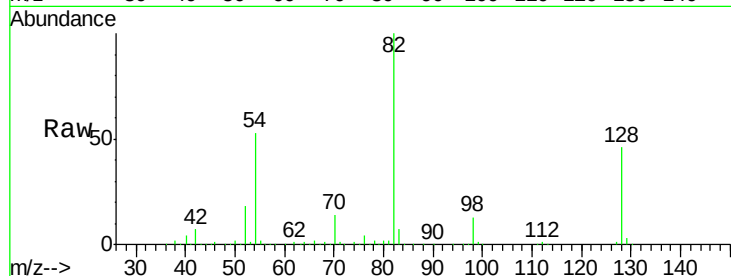
Tgt Ion: 82 Resp: 849054

Ion Ratio Lower Upper

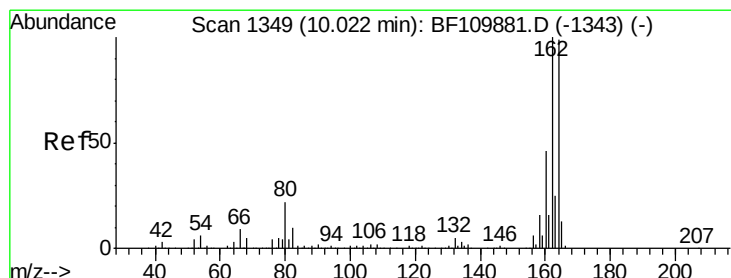
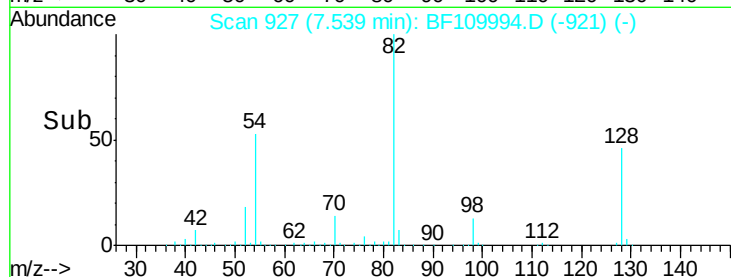
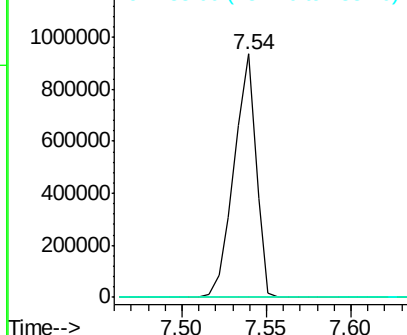
82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109994.D

Acq: 19 Oct 2018 7:55

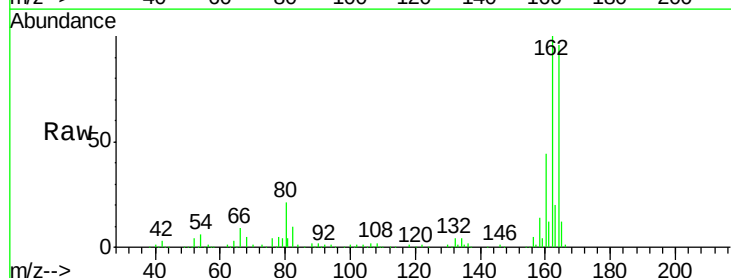
Tgt Ion: 164 Resp: 222140

Ion Ratio Lower Upper

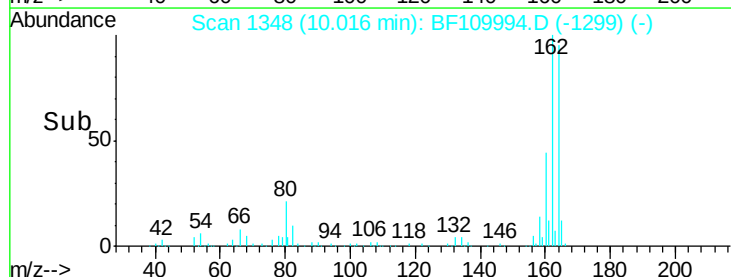
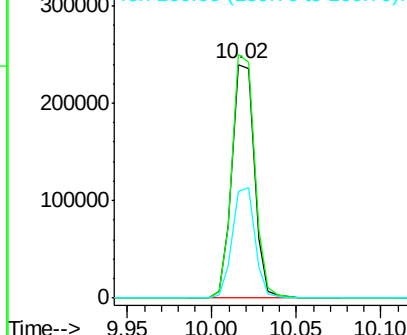
164 100

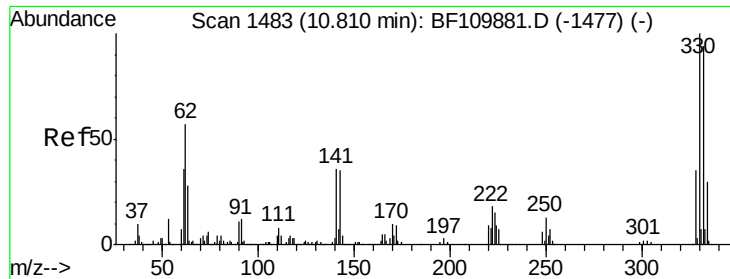
162 104.2 83.0 124.6

160 45.6 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

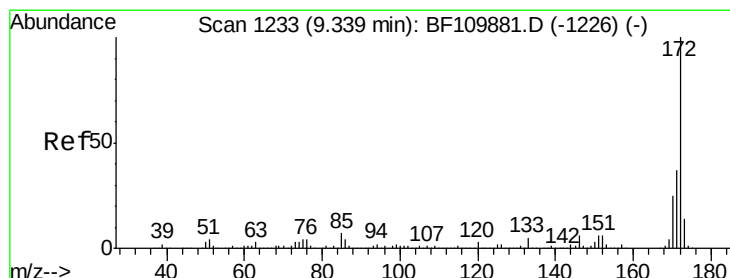
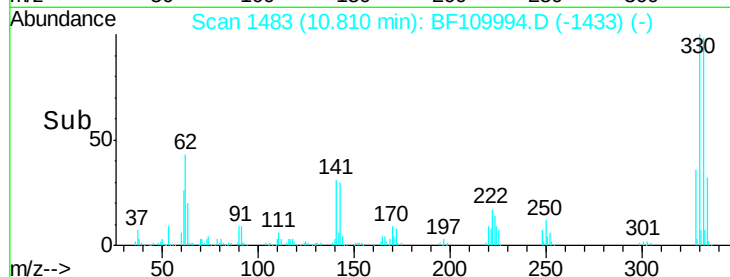
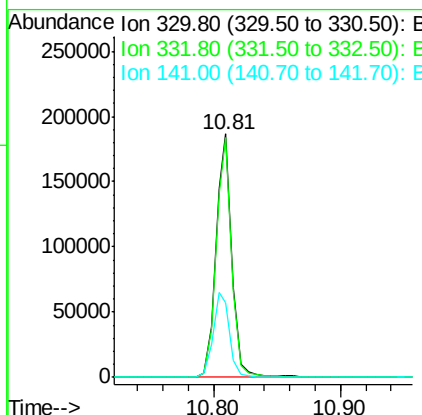
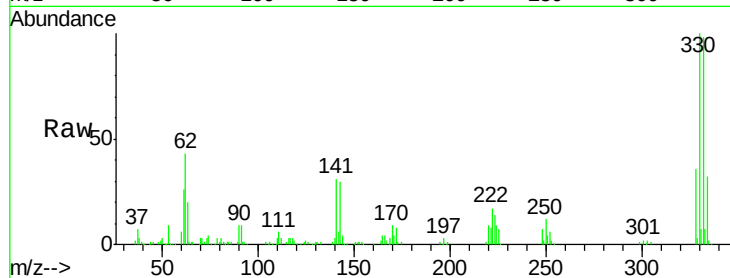




#42
 2,4,6-Tribromophenol
 Concen: 85.435 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109994.D
 Acq: 19 Oct 2018 7:55

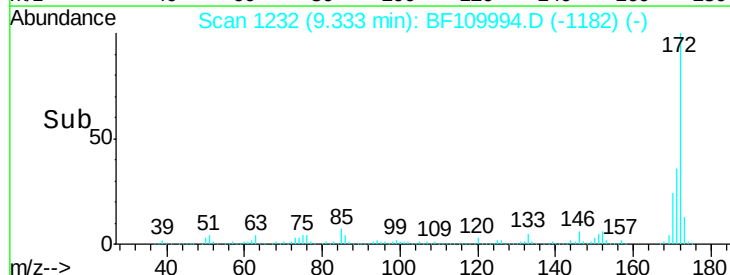
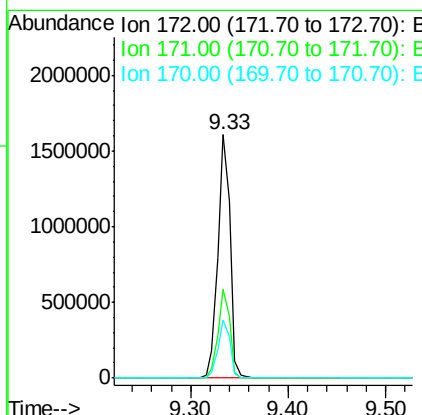
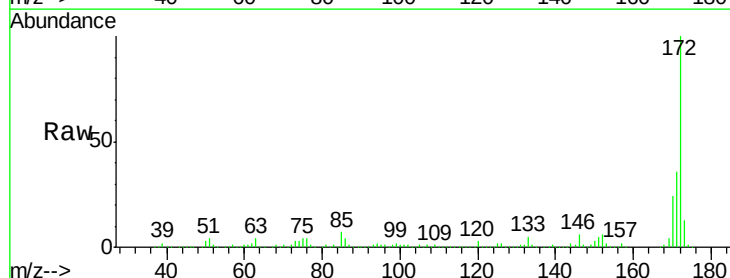
Instrument :
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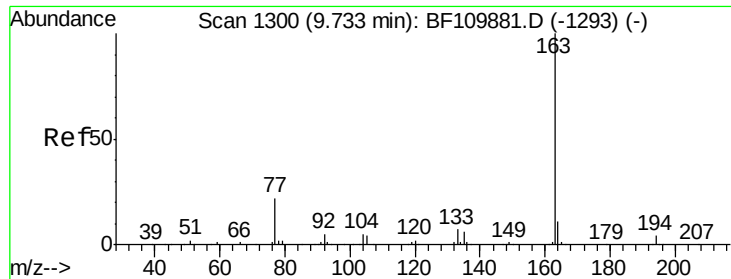
Tgt Ion:330 Resp: 164311
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 36.4 27.0 40.4



#45
 2-Fluorobiphenyl
 Concen: 99.798 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109994.D
 Acq: 19 Oct 2018 7:55

Tgt Ion:172 Resp: 1389348
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.0 19.7 29.5

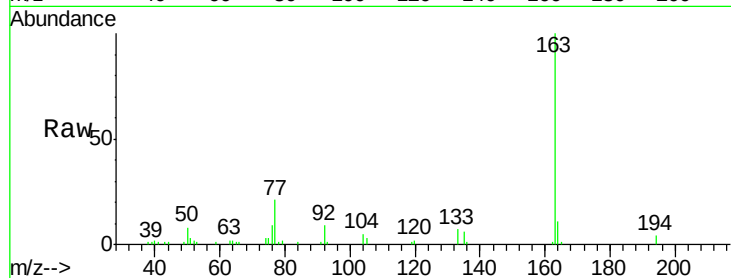




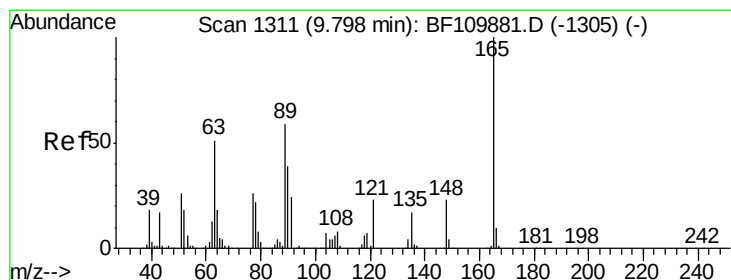
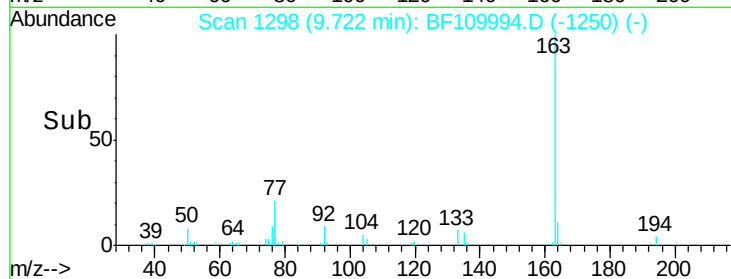
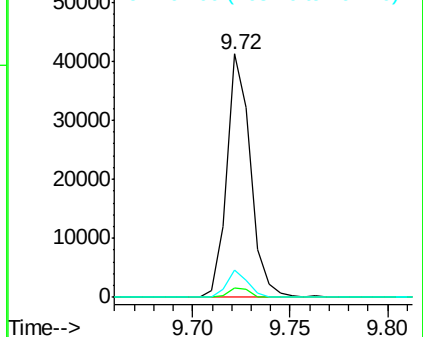
#50
Dimethylphthalate
Concen: 2.209 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Tgt Ion:163 Resp: 34744
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 11.0 8.1 12.1

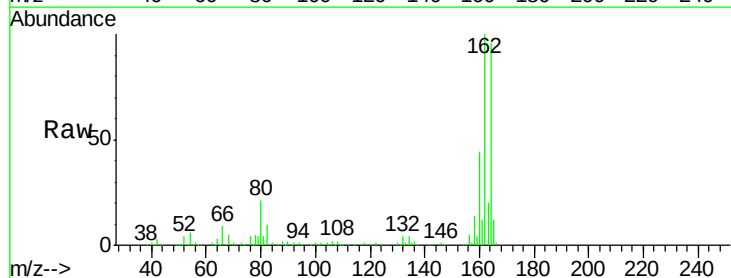


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

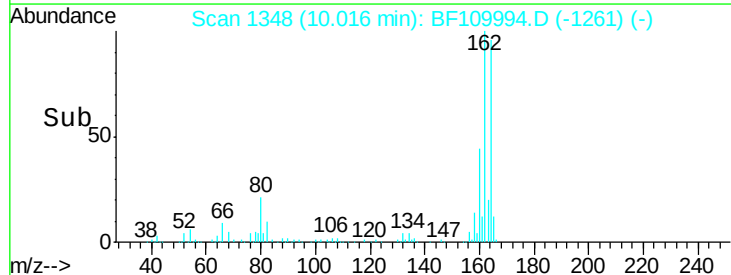
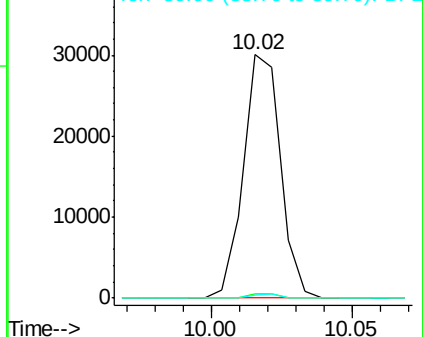


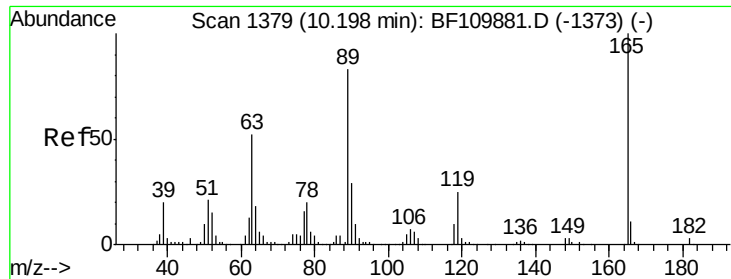
#51
2,6-Dinitrotoluene
Concen: 9.173 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion:165 Resp: 27404
Ion Ratio Lower Upper
165 100
63 1.5 48.9 73.3#
89 1.2 46.6 69.8#



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

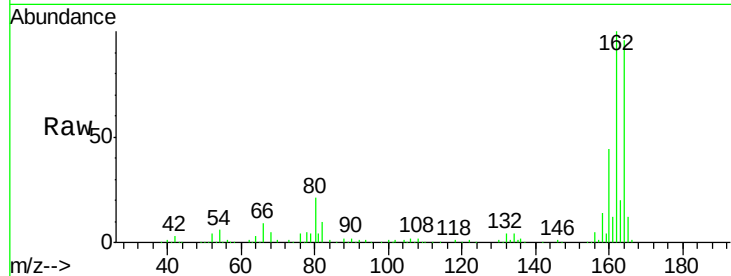




#57
 2,4-Dinitrotoluene
 Concen: 11.151 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109994.D
 Acq: 19 Oct 2018 7:55

Instrument :
 BNA_F
 ClientSampleId :
 101618-DBRI-E-D-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#

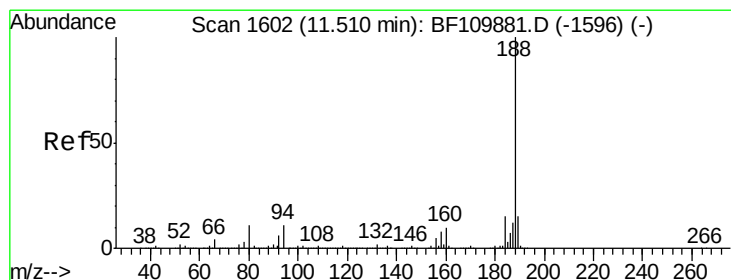
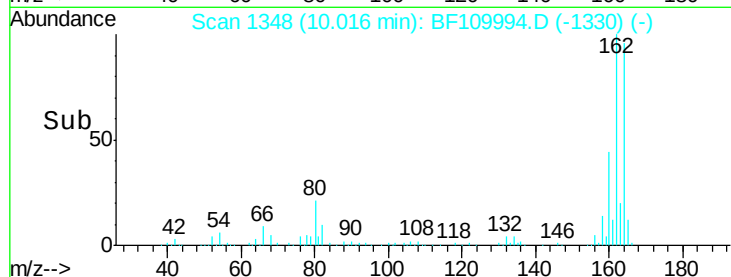
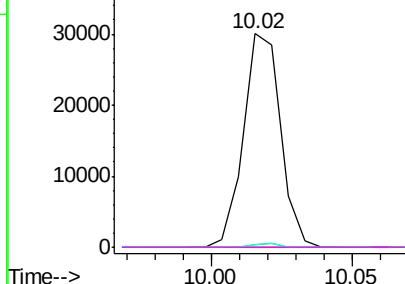


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

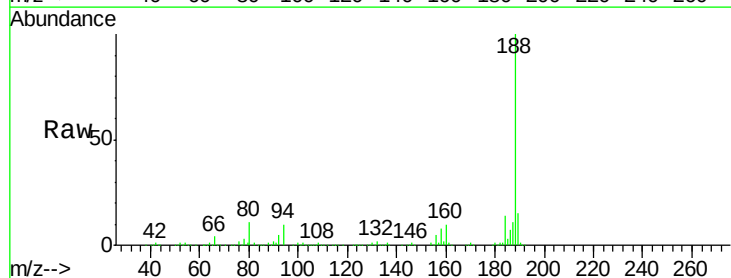
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF109994.D
 Acq: 19 Oct 2018 7:55

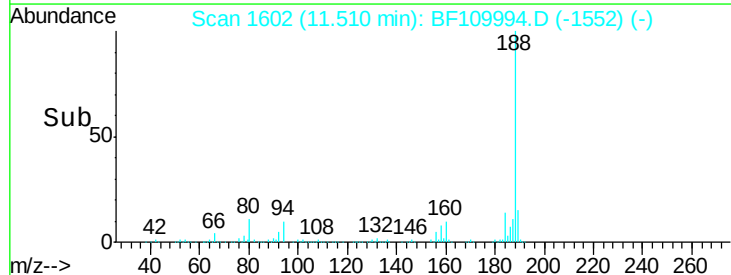
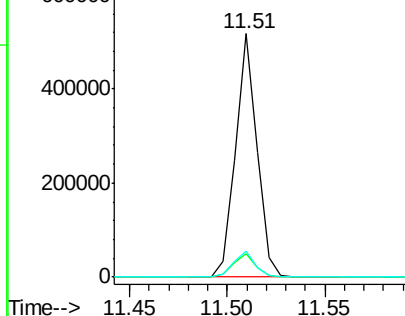
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.7	7.9	11.9

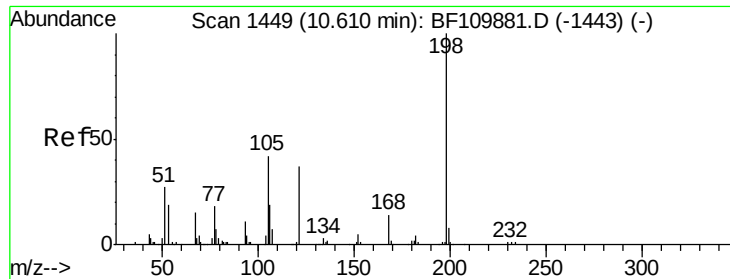


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

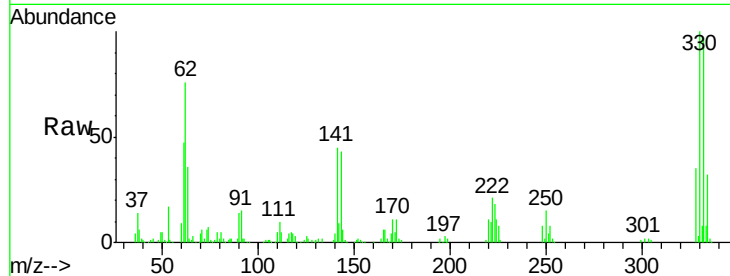




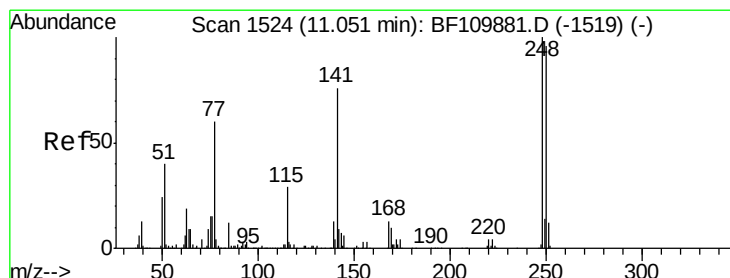
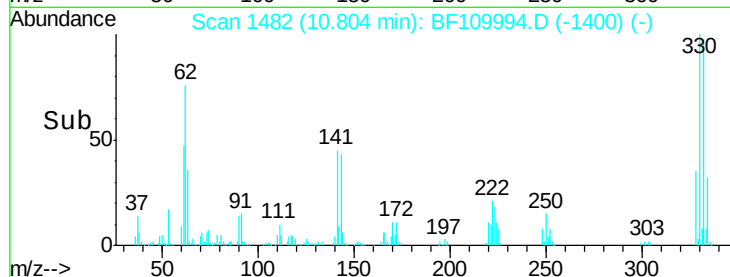
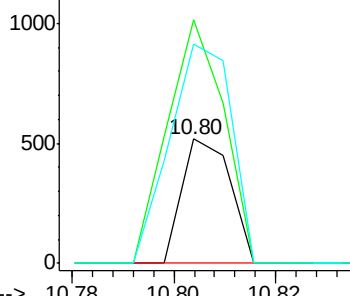
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.103 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.18 min
 Lab File: BF109994.D
 Acq: 19 Oct 2018 7:55

Instrument :
 BNA_F
 ClientSampleId :
 101618-DBRI-E-D-M

Tgt Ion:198 Resp: 341
 Ion Ratio Lower Upper
 198 100
 51 195.6 22.8 62.8#
 105 176.1 23.6 63.6#

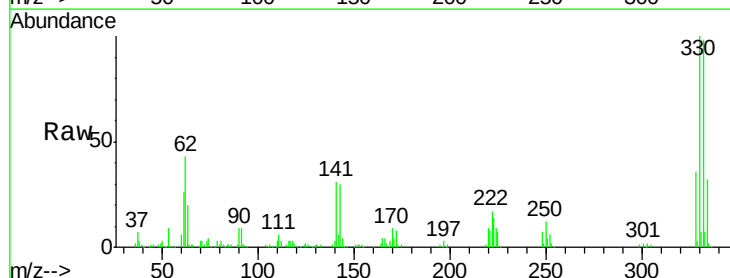


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

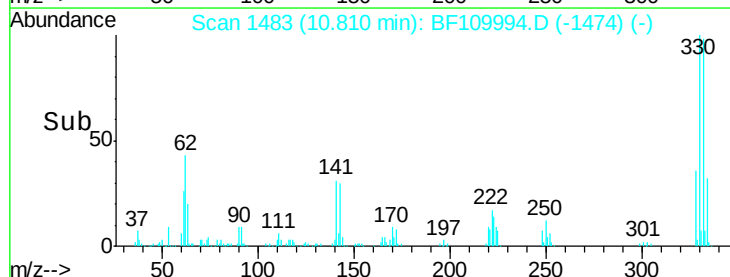
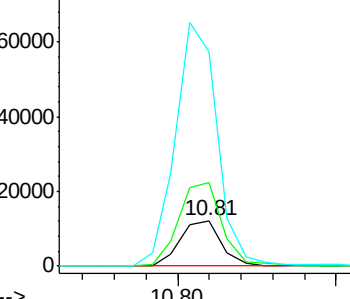


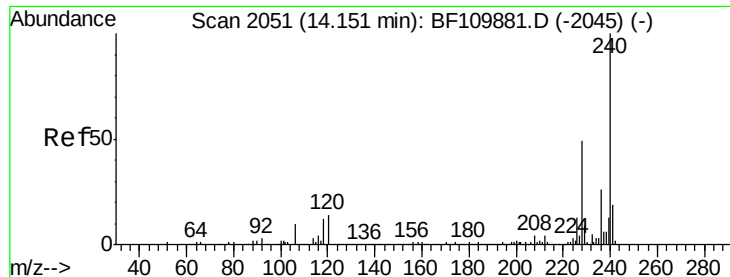
#67
 4-Bromophenyl-phenylether
 Concen: 2.538 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.25 min
 Lab File: BF109994.D
 Acq: 19 Oct 2018 7:55

Tgt Ion:248 Resp: 10879
 Ion Ratio Lower Upper
 248 100
 250 184.3 79.4 119.2#
 141 470.2 55.9 83.9#



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

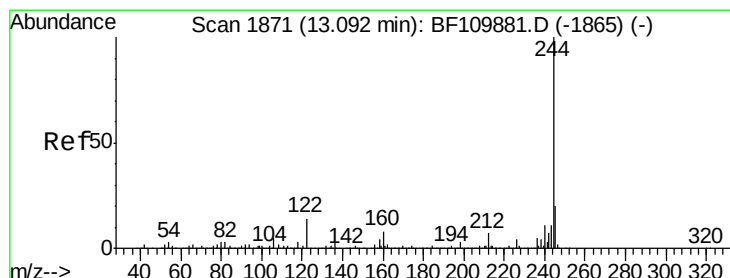
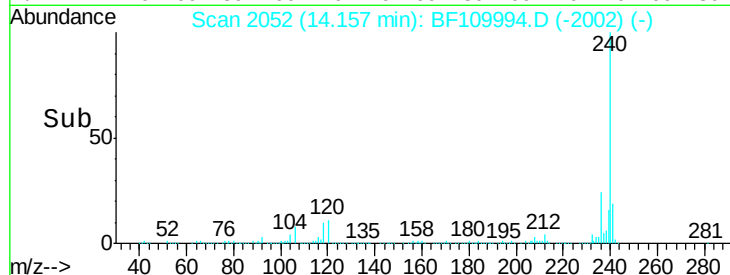
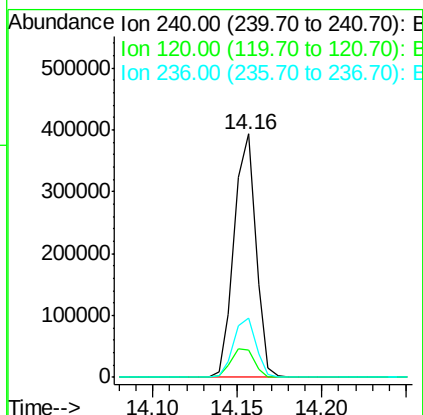
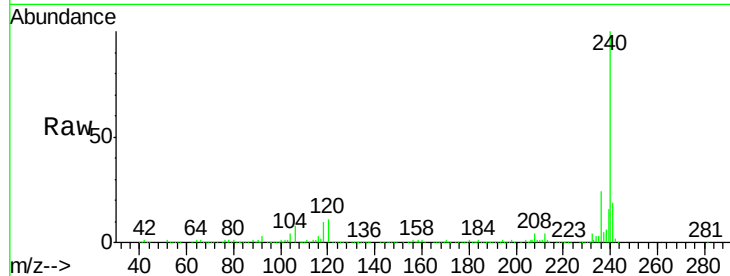




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

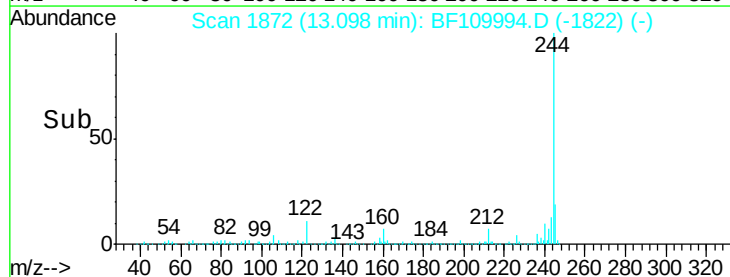
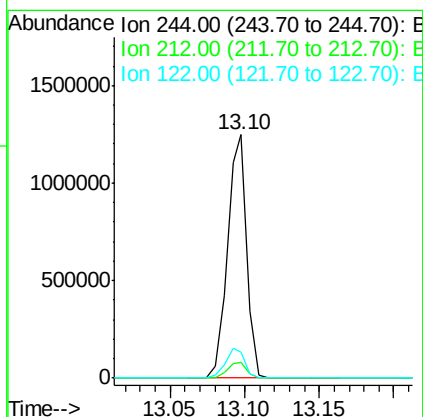
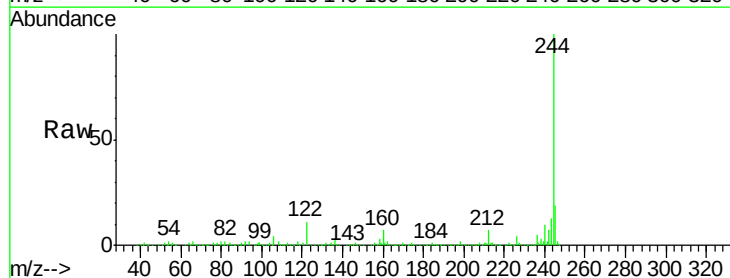
Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

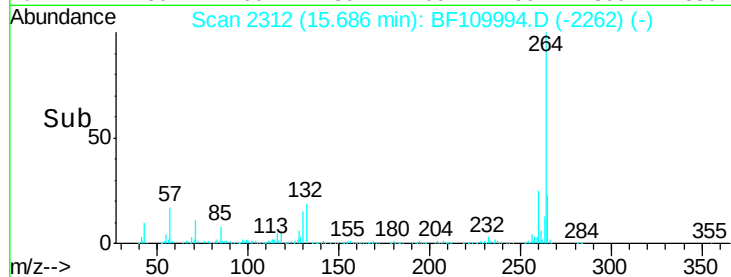
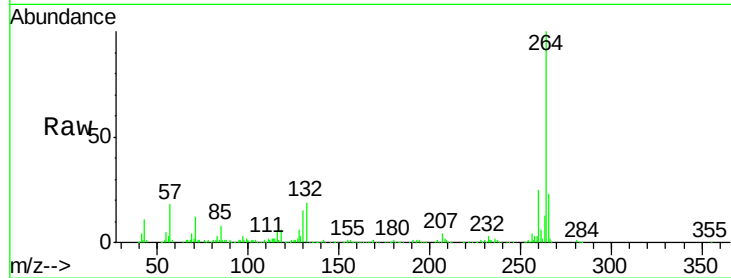
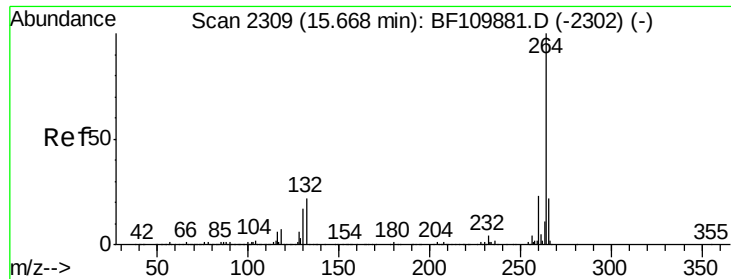
Tgt Ion:240 Resp: 353347
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 24.4 21.2 31.8



#79
Terphenyl-d14
Concen: 67.300 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion:244 Resp: 1132438
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 10.9 8.7 13.1





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF109994.D

Acq: 19 Oct 2018 7:55

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-M

Tgt Ion: 264 Resp: 252936

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 22.8 16.7 25.1

