

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109511.D
 Acq On : 2 Oct 2018 19:34
 Operator : JU/SJ
 Sample : J5186-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-U-B

Quant Time: Oct 03 03:08:36 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

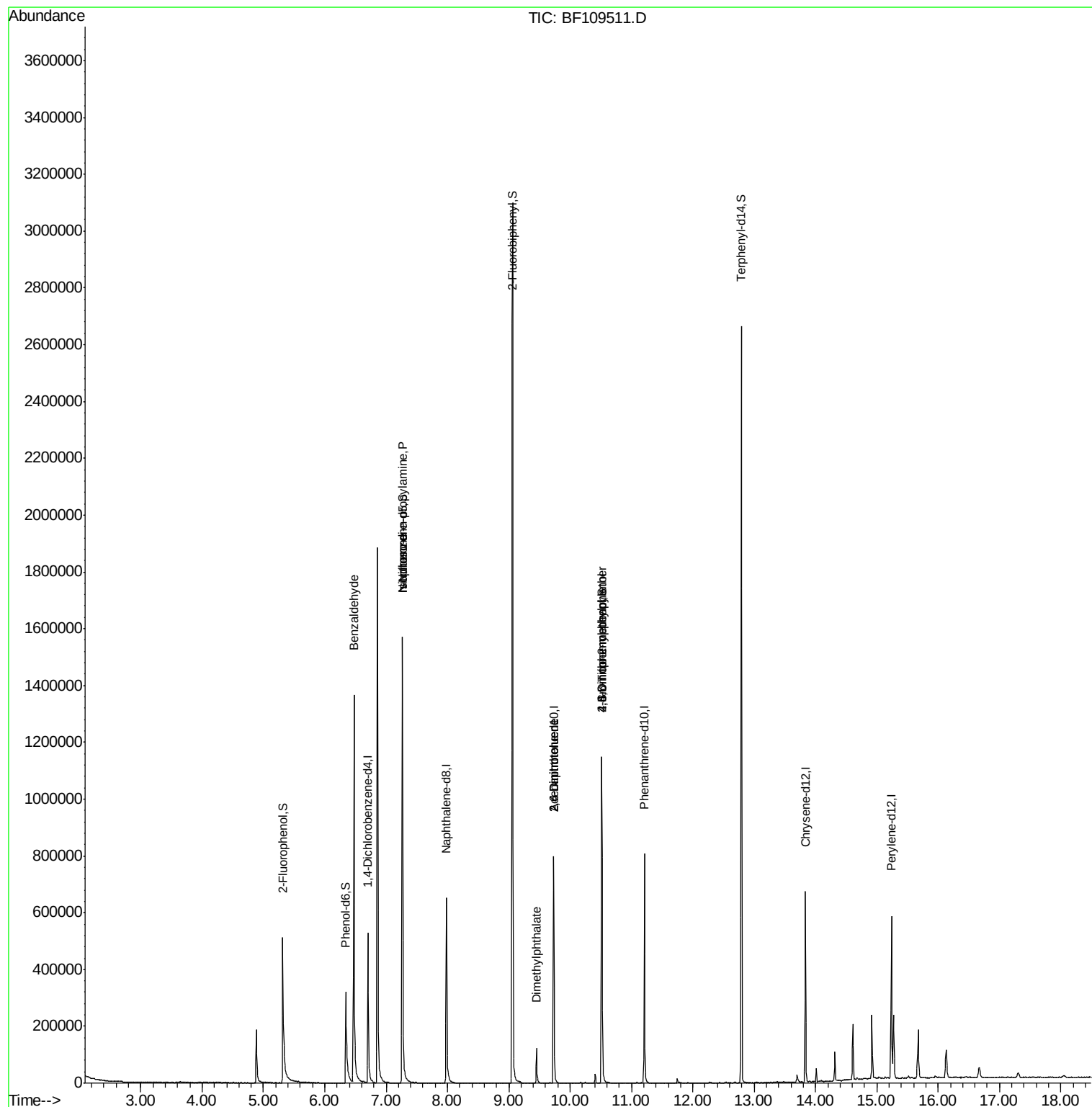
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100838	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	380085	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	168913	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	301452	20.00	ng	0.00
75) Chrysene-d12	13.83	240	250750	20.00	ng	-0.01
86) Perylene-d12	15.24	264	258532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	238611	38.97	ng	0.00
7) Phenol-d6	6.35	99	189449	24.25	ng	-0.01
23) Nitrobenzene-d5	7.27	82	612029	95.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	146414	87.93	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1068809	95.43	ng	-0.01
78) Terphenyl-d14	12.79	244	933414	91.36	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	10228	2.038	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	82911	16.197	ng	# 77
25) Isophorone	7.27	82	603338	52.037	ng	# 64
49) Dimethylphthalate	9.45	163	60434	4.919	ng	100
50) 2,6-Dinitrotoluene	9.73	165	21176	8.703	ng	# 24
56) 2,4-Dinitrotoluene	9.73	165	21176	6.878	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.52	198	109	6.598	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8823	2.636	ng	# 1

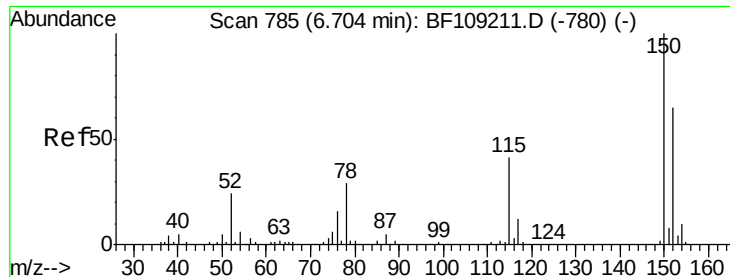
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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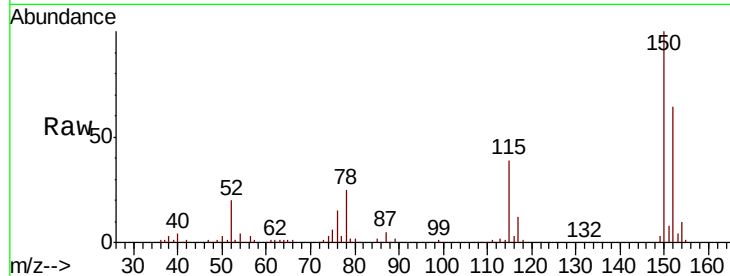


#1

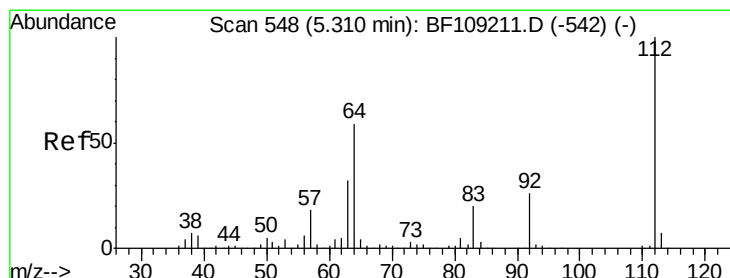
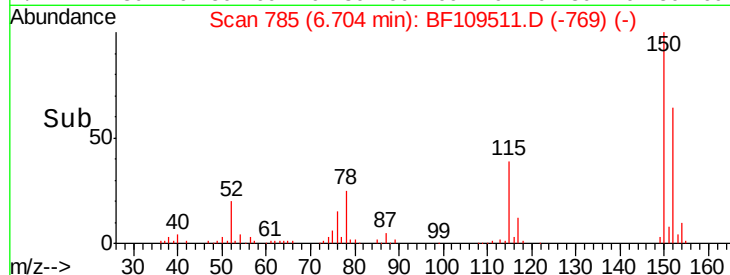
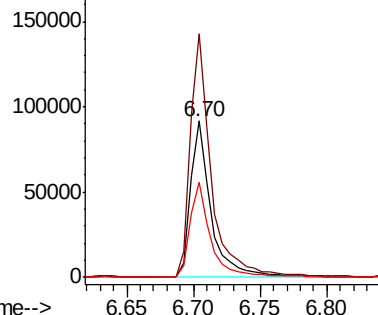
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109511.D
Acq: 2 Oct 2018 19:34

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-U-B

Tgt Ion:152 Resp: 100838
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.4 50.1 75.1



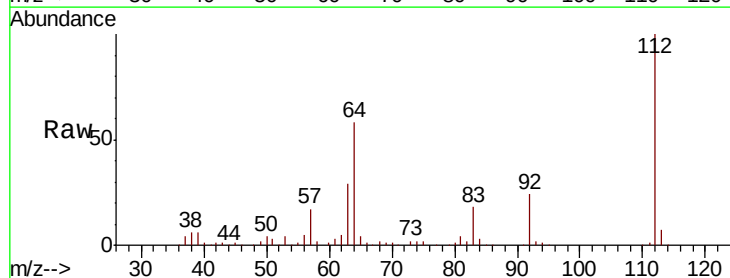
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



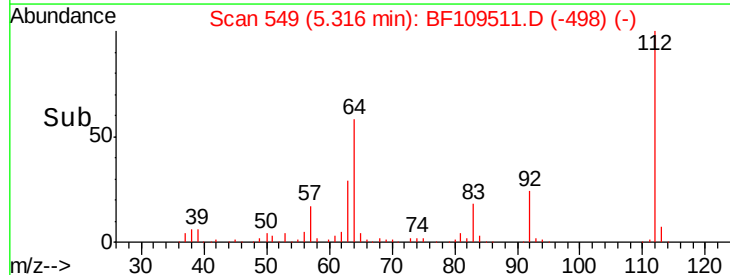
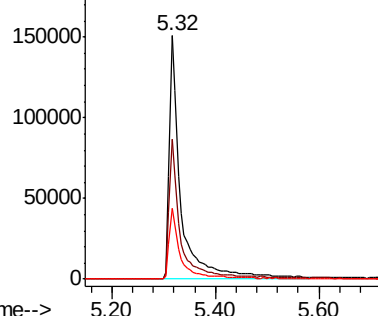
#5

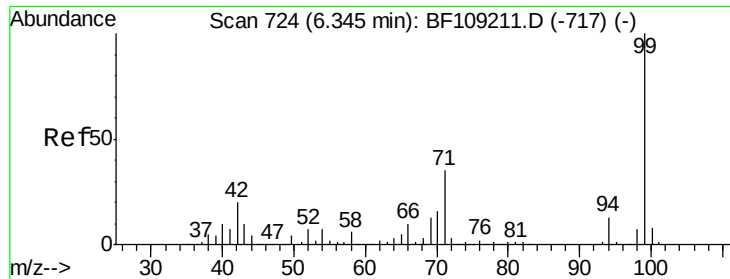
2-Fluorophenol
Concen: 38.974 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109511.D
Acq: 2 Oct 2018 19:34

Tgt Ion:112 Resp: 238611
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.3 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: 24.250 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109511.D

Acq: 2 Oct 2018 19:34

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-U-B

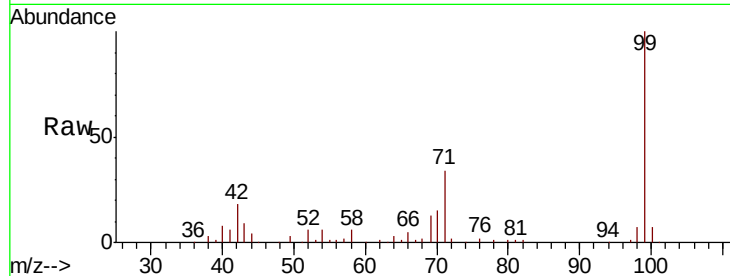
Tgt Ion: 99 Resp: 189449

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

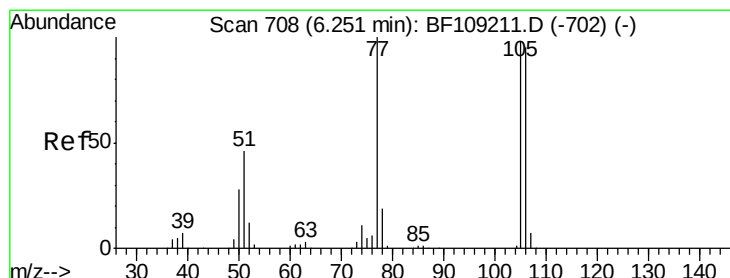
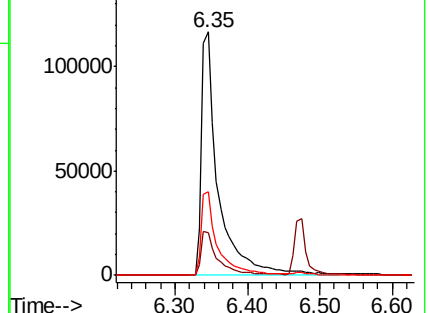
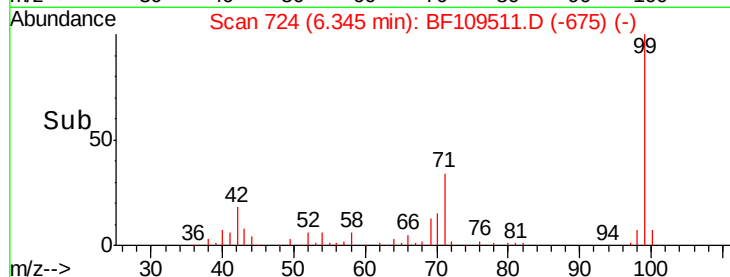
71 34.5 25.4 38.0



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: 2.038 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109511.D

Acq: 2 Oct 2018 19:34

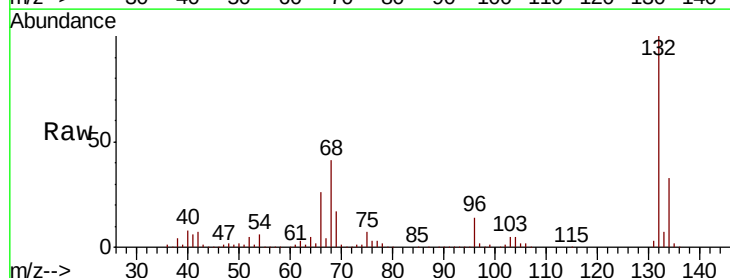
Tgt Ion: 77 Resp: 10228

Ion Ratio Lower Upper

77 100

105 78.4 81.1 121.1#

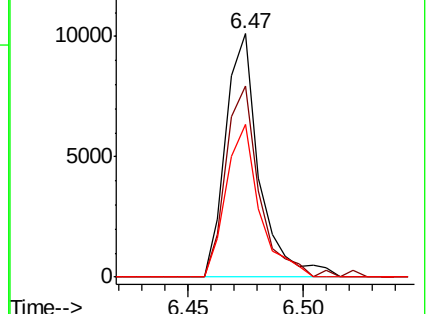
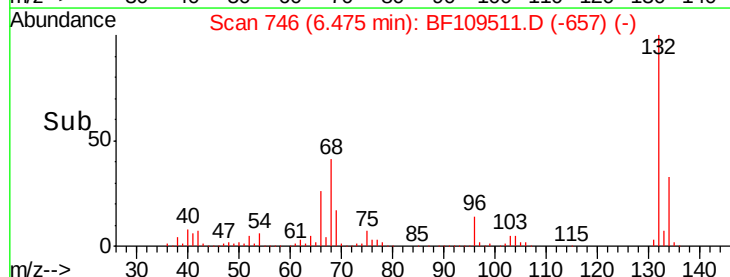
106 62.7 74.5 114.5#

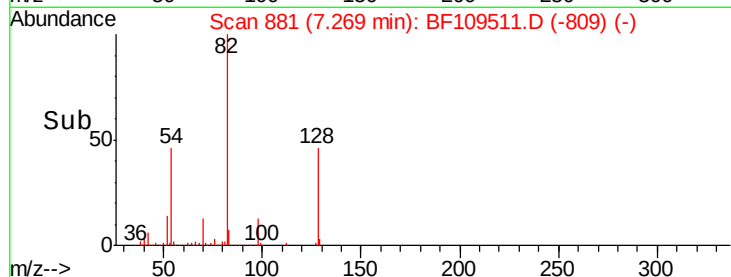
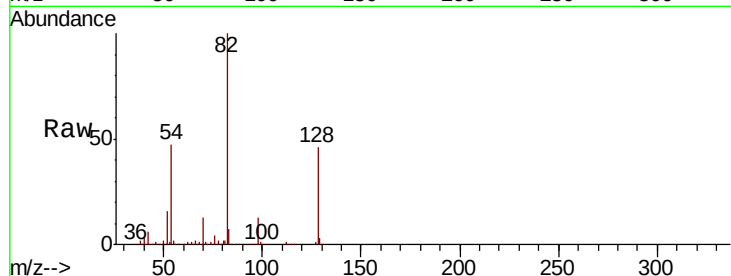
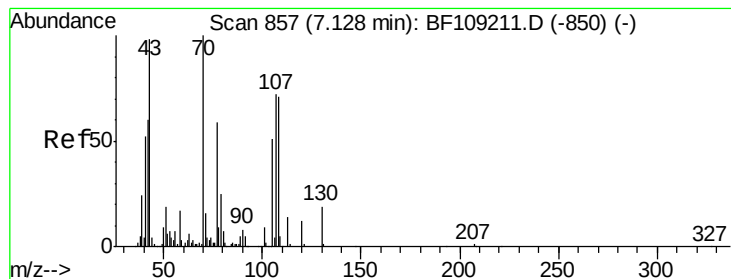


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.197 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109511.D

Acq: 2 Oct 2018 19:34

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-U-B

Tgt Ion: 70 Resp: 82911

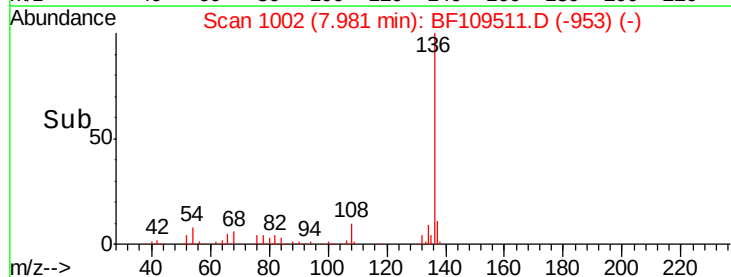
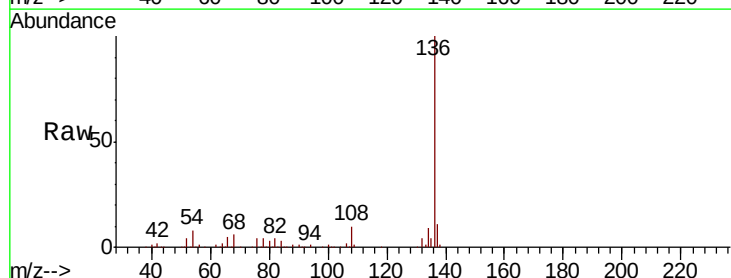
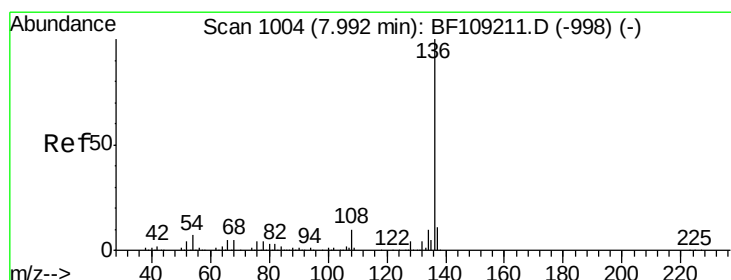
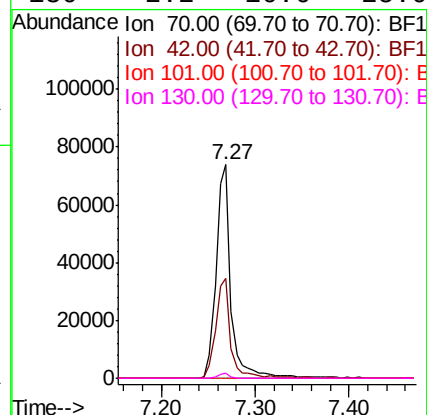
Ion Ratio Lower Upper

70 100

42 46.7 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109511.D

Acq: 2 Oct 2018 19:34

Tgt Ion: 136 Resp: 380085

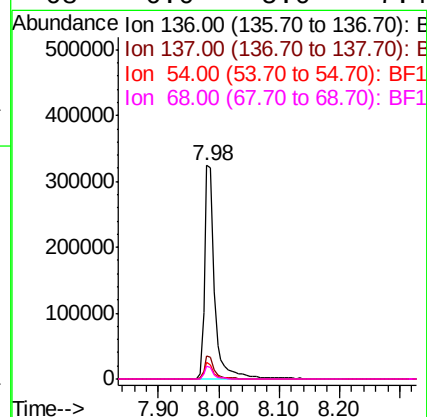
Ion Ratio Lower Upper

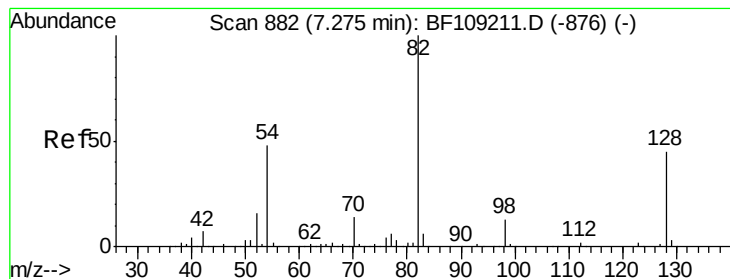
136 100

137 10.9 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 95.055 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109511.D

Acq: 2 Oct 2018 19:34

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-U-B

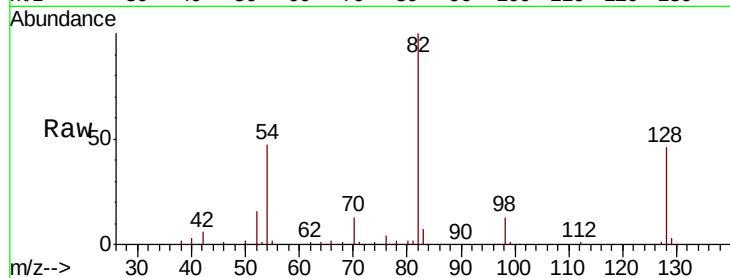
Tgt Ion: 82 Resp: 612029

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

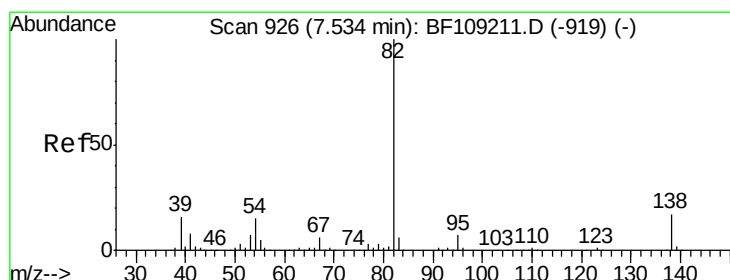
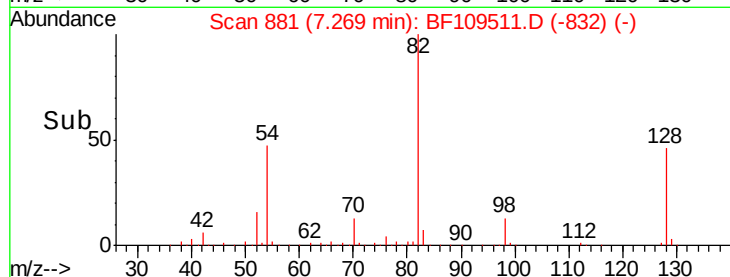
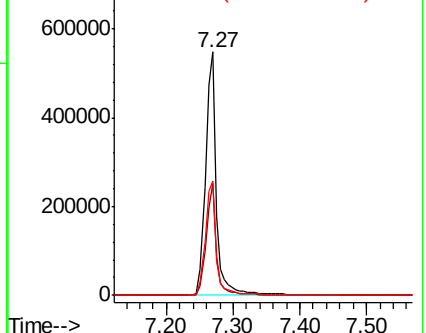
54 46.8 41.4 62.2



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: 52.037 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109511.D

Acq: 2 Oct 2018 19:34

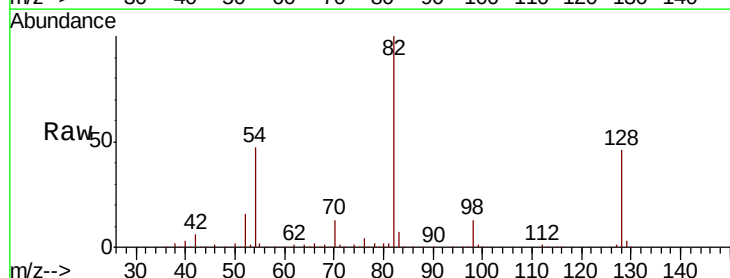
Tgt Ion: 82 Resp: 603338

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

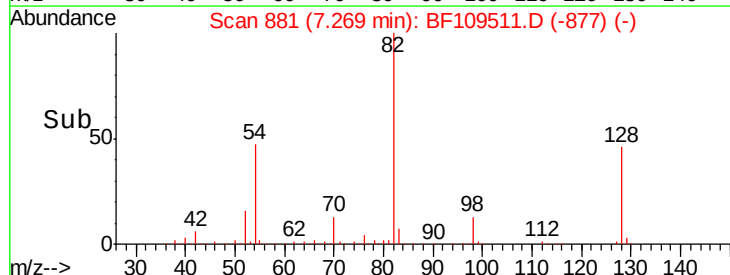
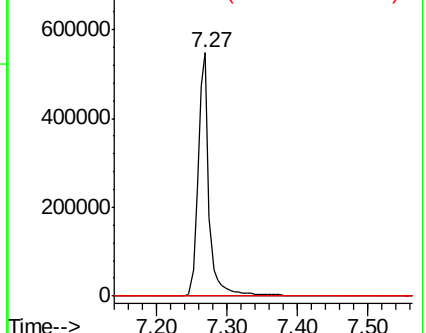
138 0.0 14.9 22.3#

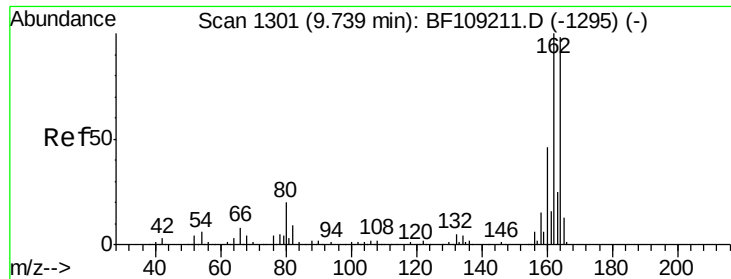


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

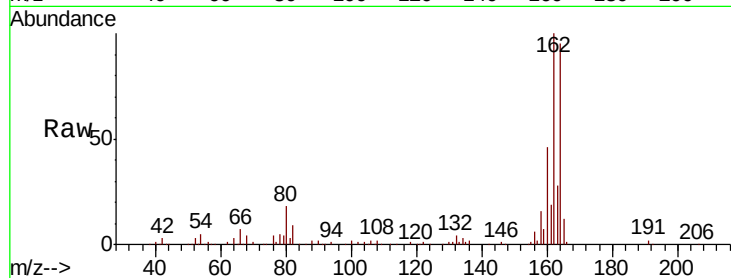




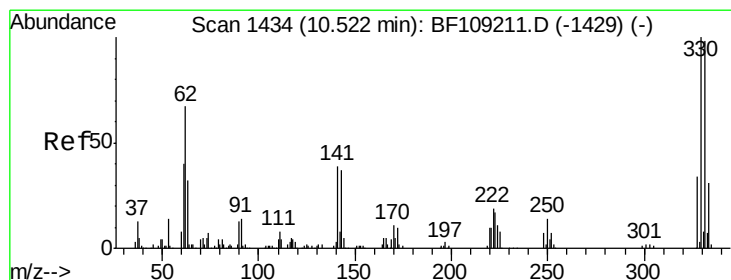
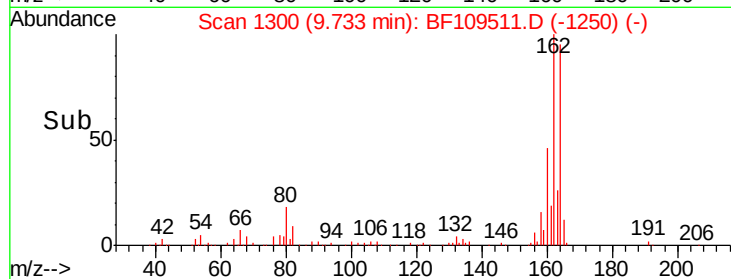
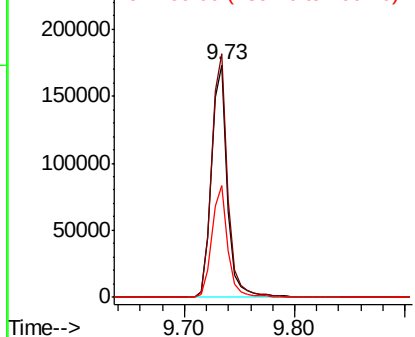
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109511.D
 Acq: 2 Oct 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-U-B

Tgt Ion:164 Resp: 168913
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 48.0 38.3 57.5

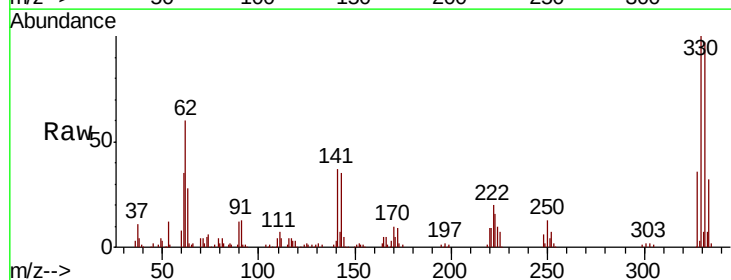


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

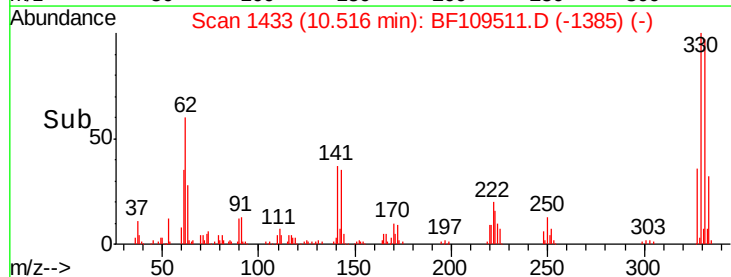
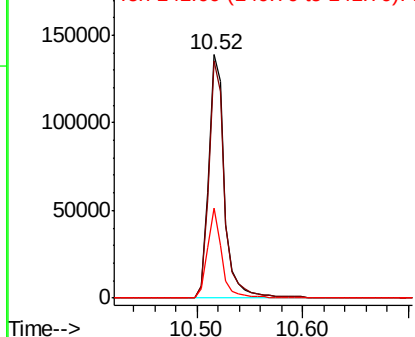


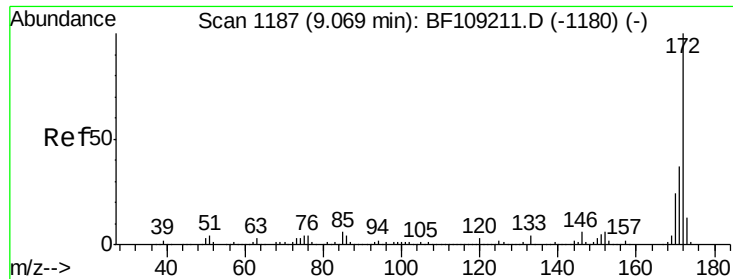
#41
 2,4,6-Tribromophenol
 Concen: 87.929 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109511.D
 Acq: 2 Oct 2018 19:34

Tgt Ion:330 Resp: 146414
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 33.1 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

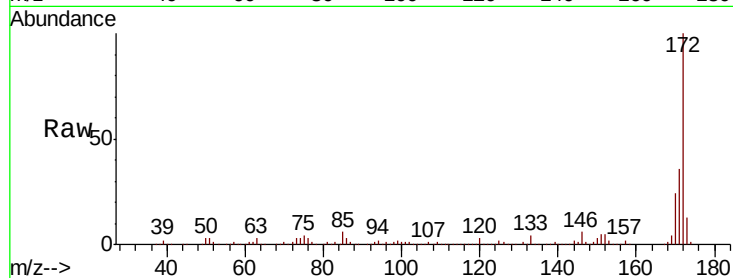




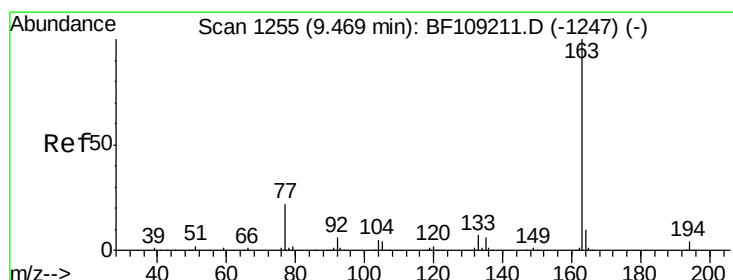
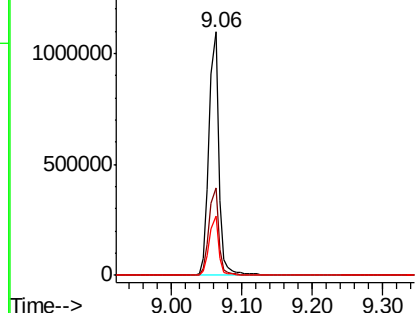
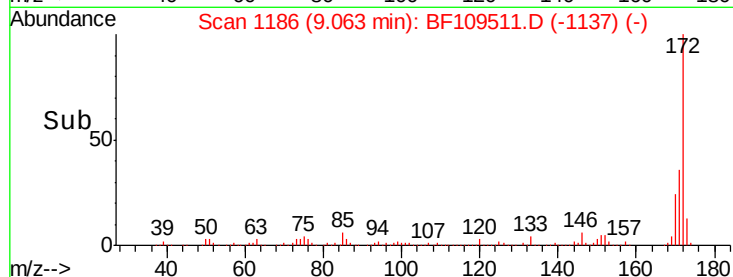
#44
2-Fluorobiphenyl
Concen: 95.432 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109511.D
Acq: 2 Oct 2018 19:34

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-U-B

Tgt Ion:172 Resp: 1068809
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.2 19.6 29.4

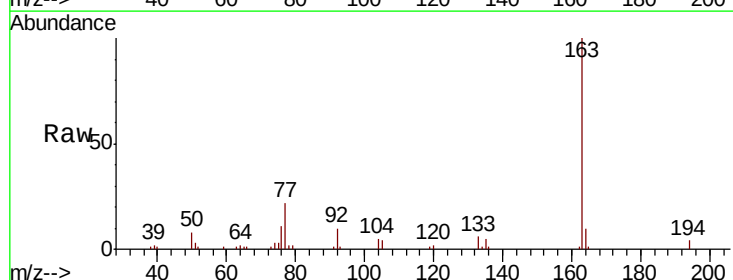


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

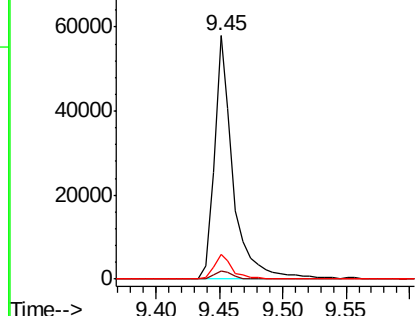
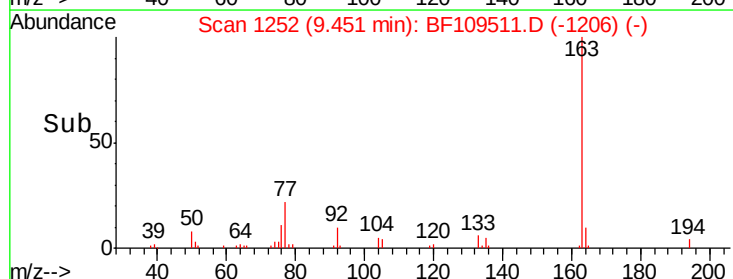


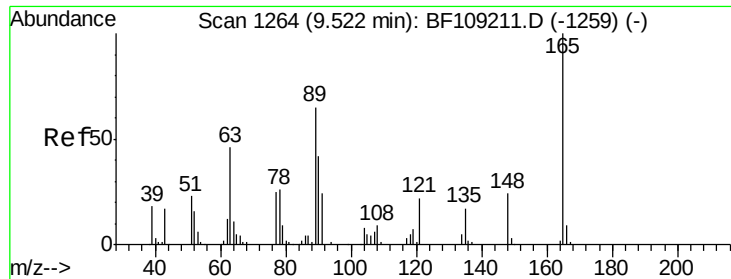
#49
Dimethylphthalate
Concen: 4.919 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109511.D
Acq: 2 Oct 2018 19:34

Tgt Ion:163 Resp: 60434
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
80000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

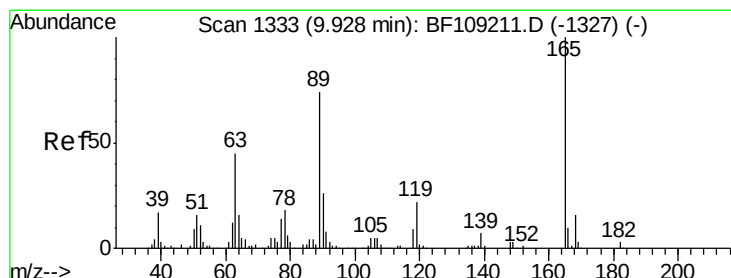
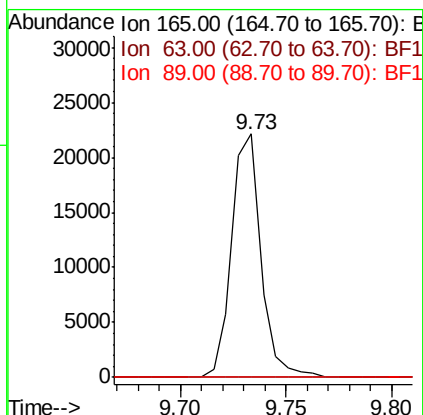
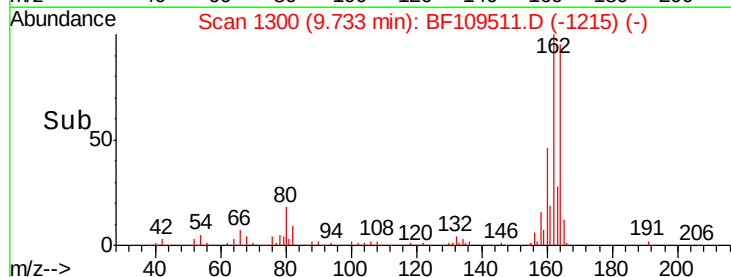
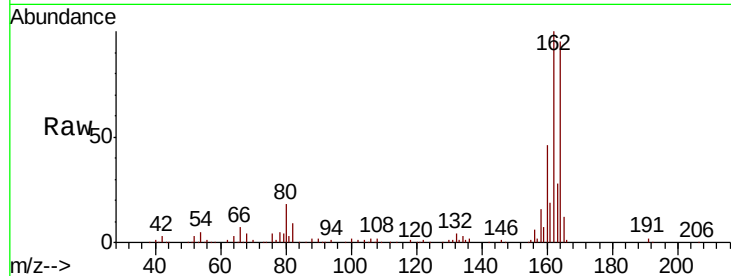




#50
 2,6-Dinitrotoluene
 Concen: 8.703 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109511.D
 Acq: 2 Oct 2018 19:34

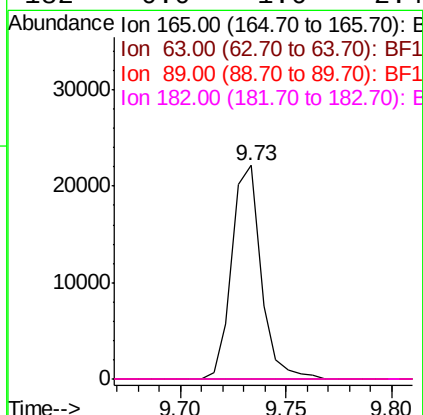
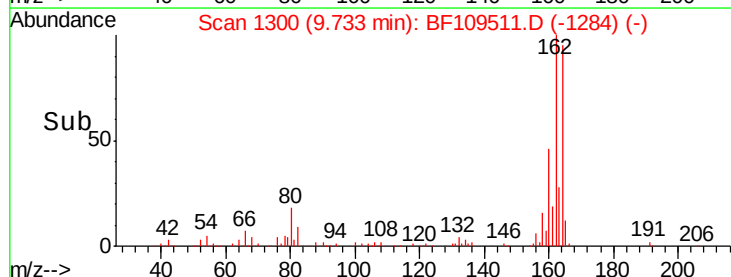
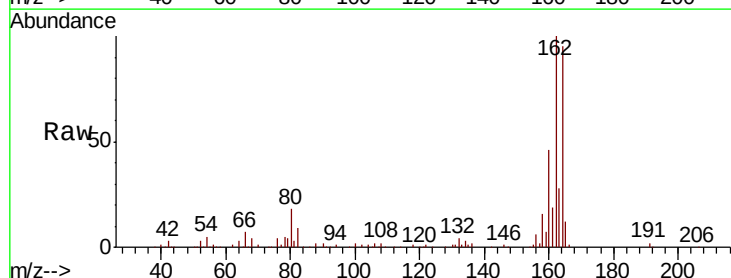
Instrument :
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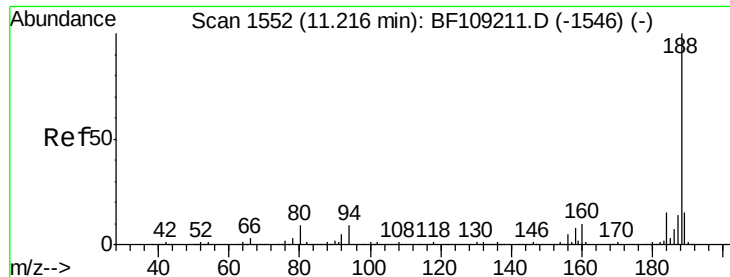
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.878 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109511.D
 Acq: 2 Oct 2018 19:34

Tgt 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#

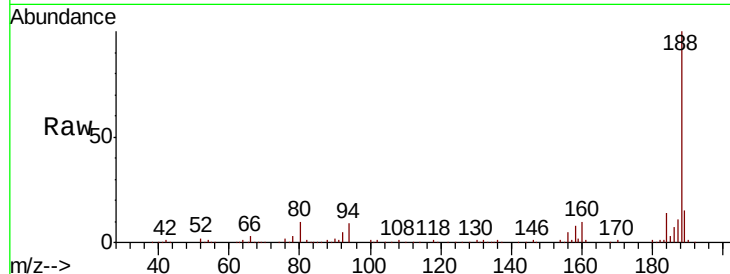




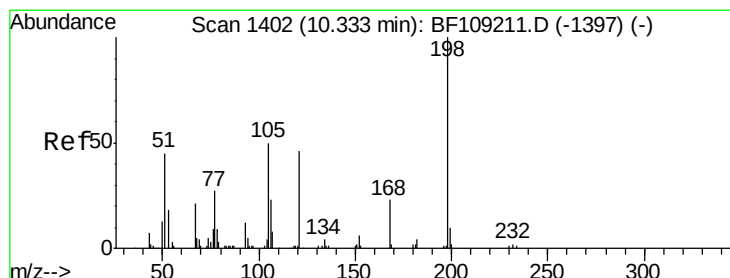
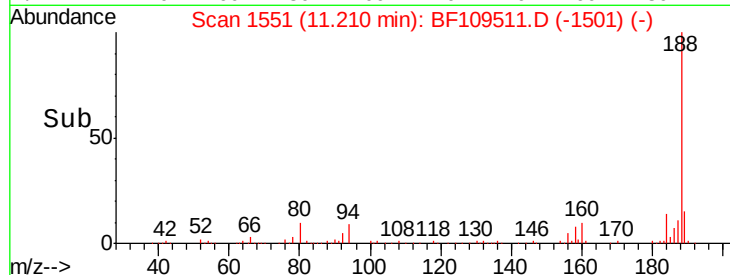
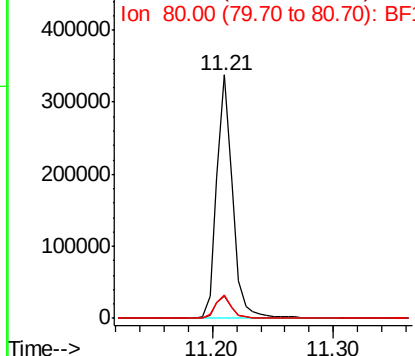
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109511.D
 Acq: 2 Oct 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-U-B

Tgt Ion:188 Resp: 301452
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 9.5 9.2 13.8

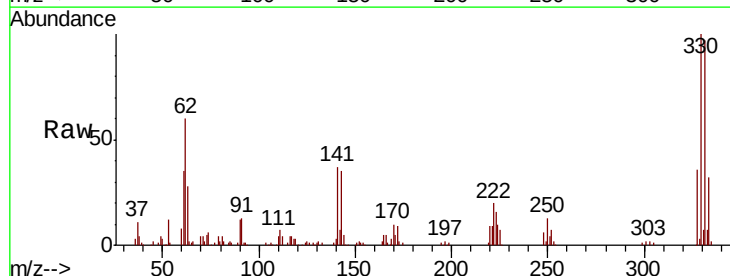


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

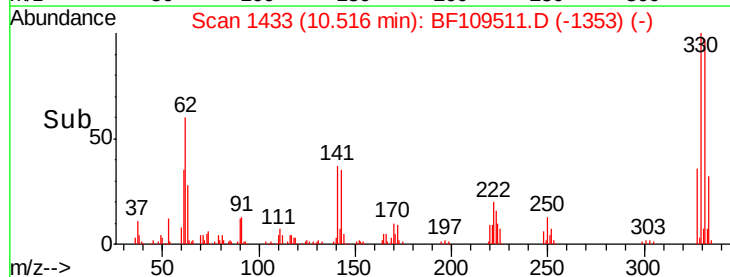
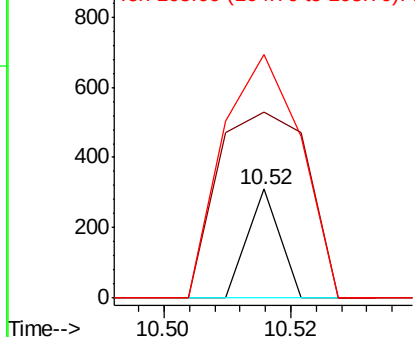


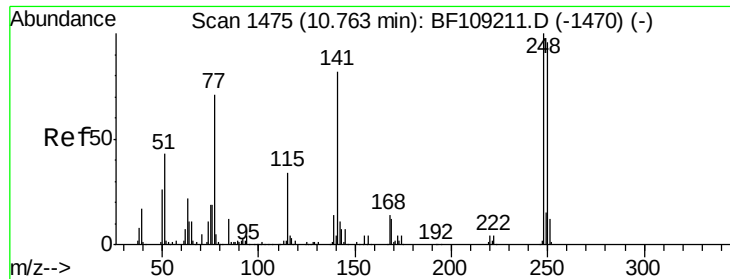
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.598 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109511.D
 Acq: 2 Oct 2018 19:34

Tgt Ion:198 Resp: 109
 Ion Ratio Lower Upper
 198 100
 51 171.0 37.7 77.7#
 105 223.5 36.3 76.3#



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

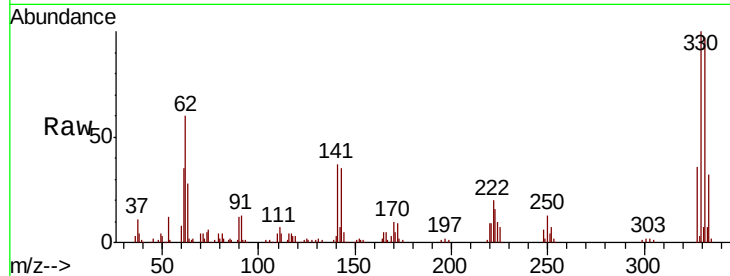




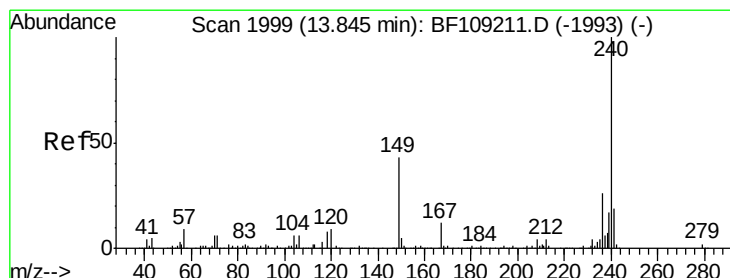
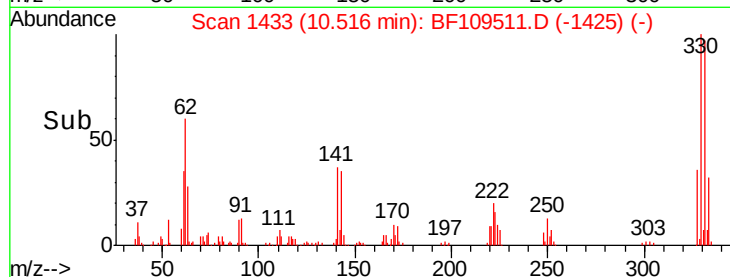
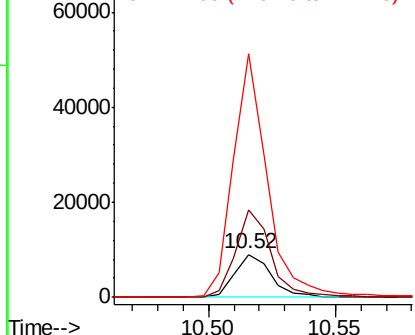
#66
4-Bromophenyl-phenylether
Concen: 2.636 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109511.D
Acq: 2 Oct 2018 19:34

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-U-B

Tgt Ion:248 Resp: 8823
Ion Ratio Lower Upper
248 100
250 203.2 76.9 115.3#
141 568.0 74.4 111.6#

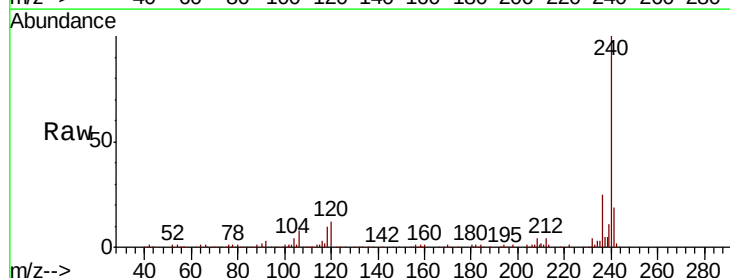


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

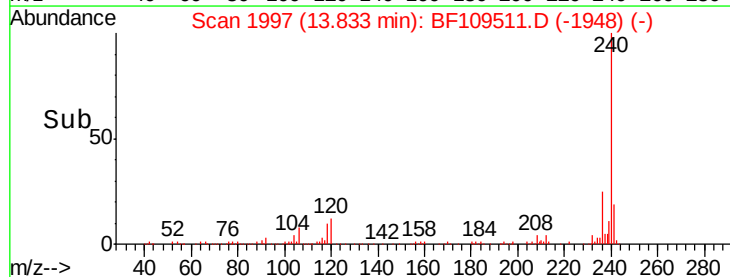
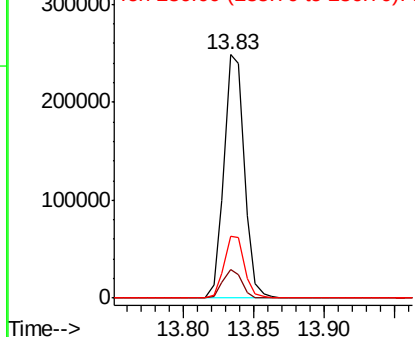


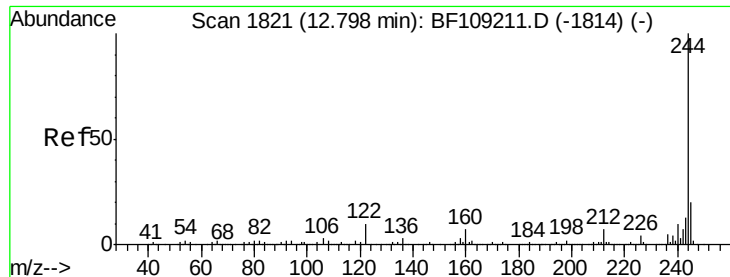
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109511.D
Acq: 2 Oct 2018 19:34

Tgt Ion:240 Resp: 250750
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.3 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: 91.356 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109511.D

Acq: 2 Oct 2018 19:34

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-U-B

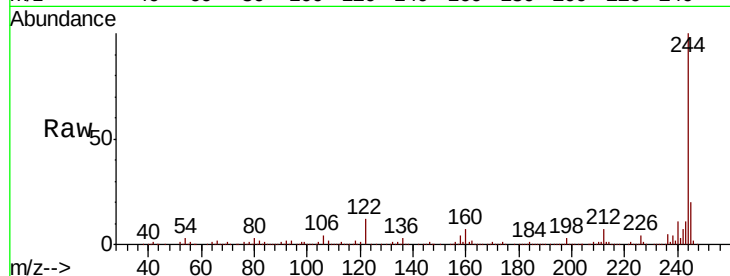
Tgt Ion:244 Resp: 933414

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

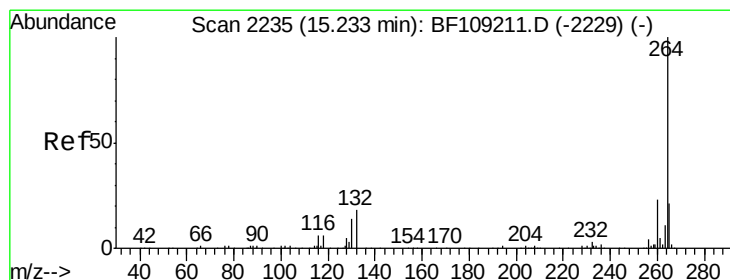
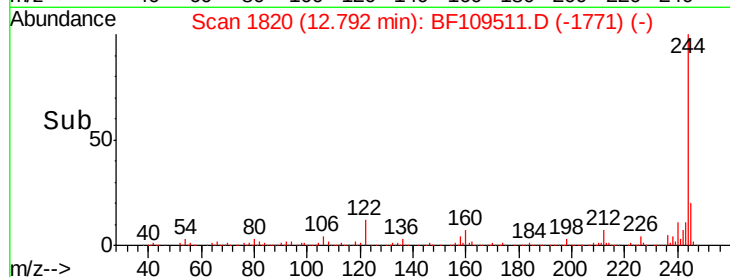
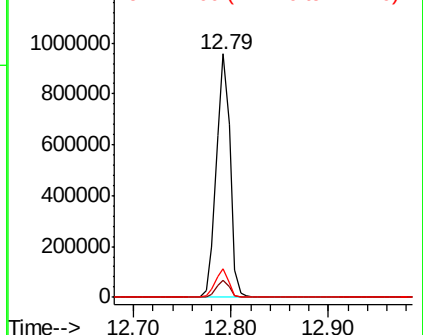
122 11.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109511.D

Acq: 2 Oct 2018 19:34

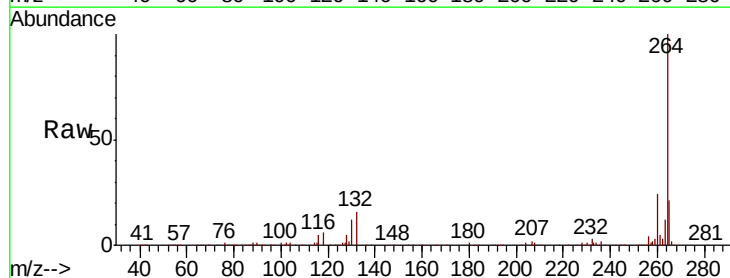
Tgt Ion:264 Resp: 258532

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

