

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109510.D
 Acq On : 2 Oct 2018 19:07
 Operator : JU/SJ
 Sample : J5186-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-D-S

Quant Time: Oct 03 03:08:27 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

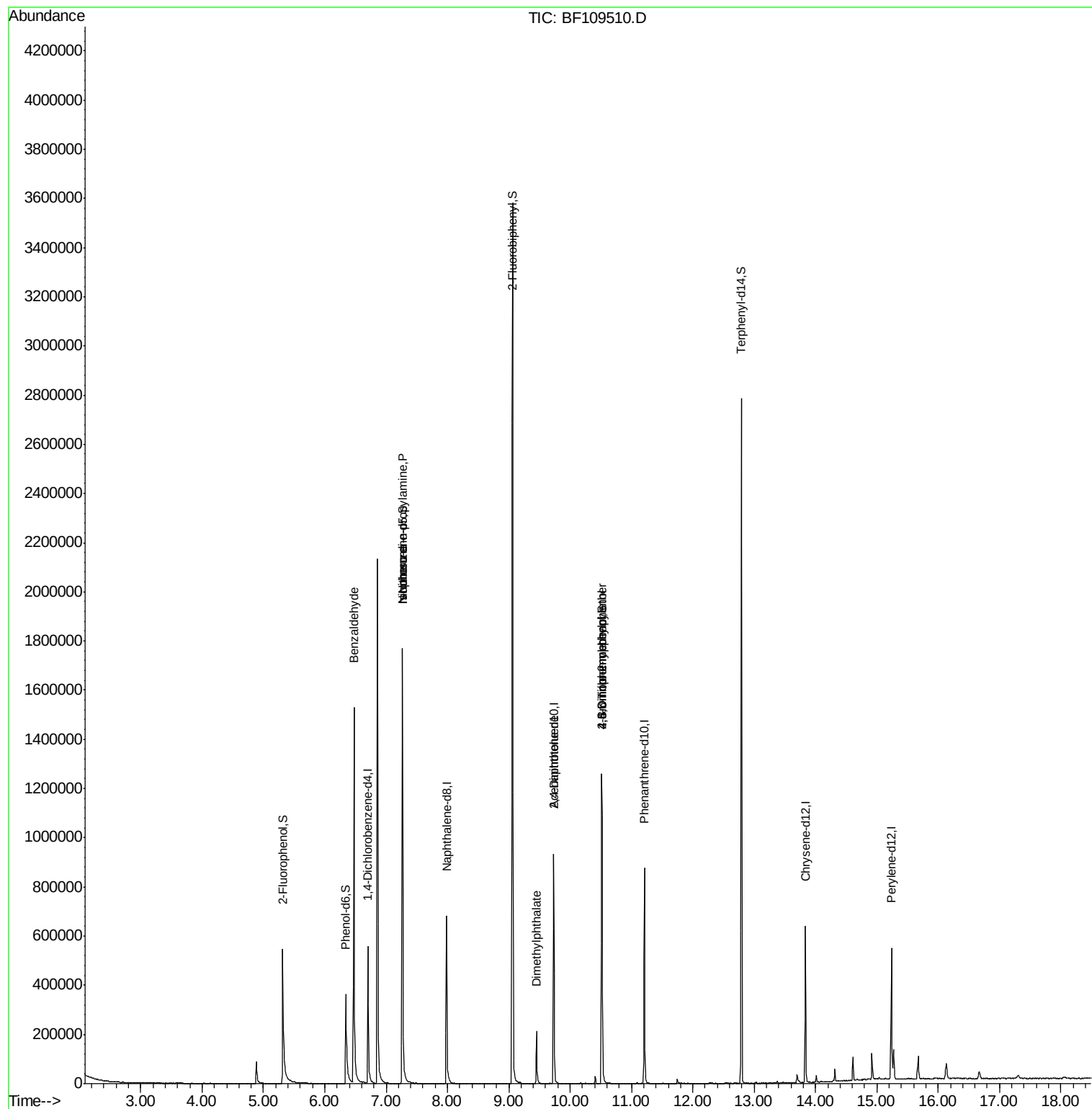
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103730	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	396909	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	181360	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	326872	20.00	ng	0.00
75) Chrysene-d12	13.84	240	241922	20.00	ng	0.00
86) Perylene-d12	15.24	264	256464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	254481	40.41	ng	0.00
7) Phenol-d6	6.35	99	204536	25.45	ng	-0.01
23) Nitrobenzene-d5	7.27	82	664152	98.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	172284	96.36	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1158220	96.32	ng	-0.01
78) Terphenyl-d14	12.79	244	1020276	103.50	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	11119	2.154	ng	# 74
19) n-Nitroso-di-n-propylamine	7.27	70	90190	17.127	ng	# 77
25) Isophorone	7.27	82	636053	52.533	ng	# 64
49) Dimethylphthalate	9.45	163	103036	7.811	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	22799	6.897	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	141	6.613	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10478	2.887	ng	# 1

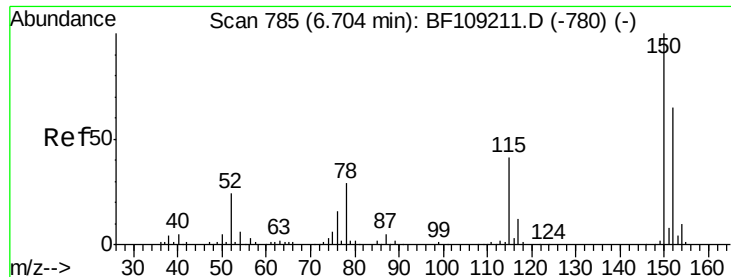
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
Data File : BF109510.D
Acq On : 2 Oct 2018 19:07
Operator : JU/SJ
Sample : J5186-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-D-S

Quant Time: Oct 03 03:08:27 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



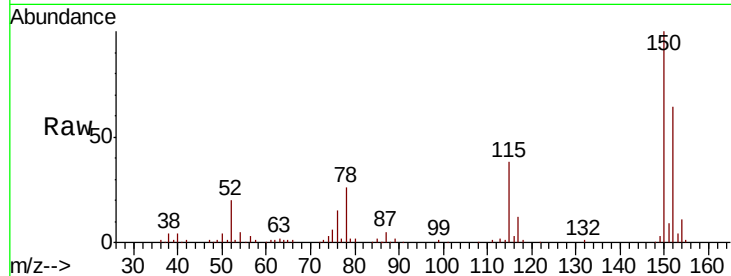


#1

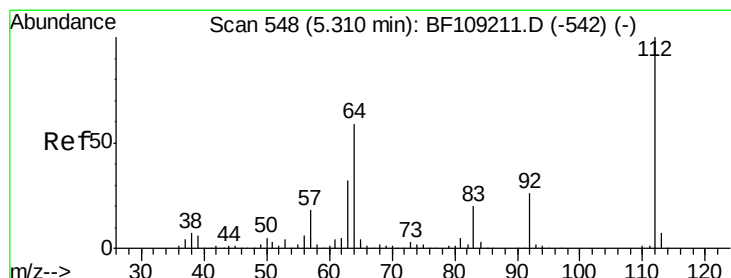
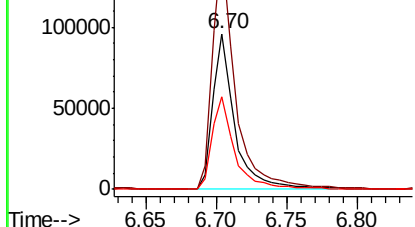
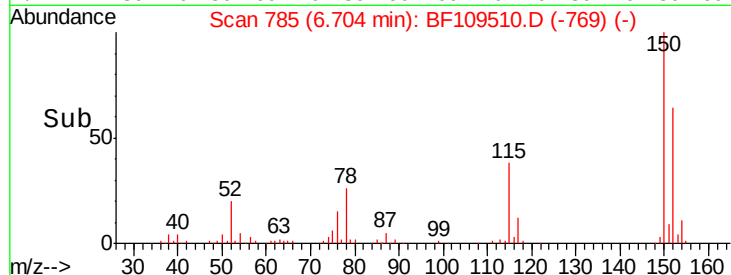
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109510.D
 Acq: 2 Oct 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-D-S

Tgt Ion:152 Resp: 103730
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 59.2 50.1 75.1



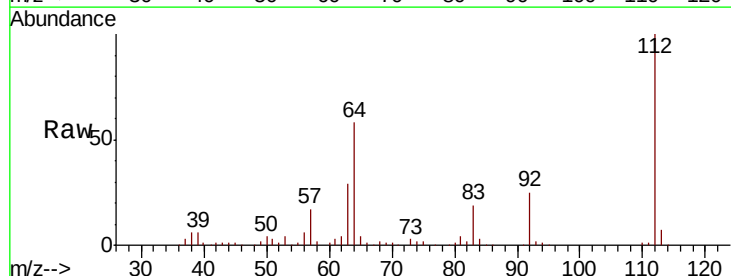
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



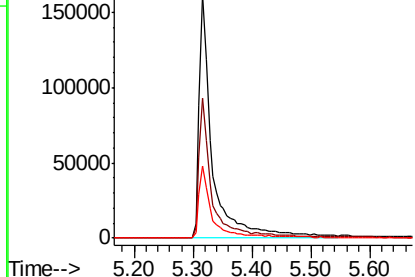
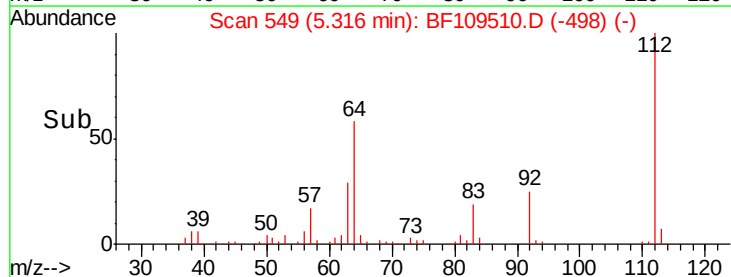
#5

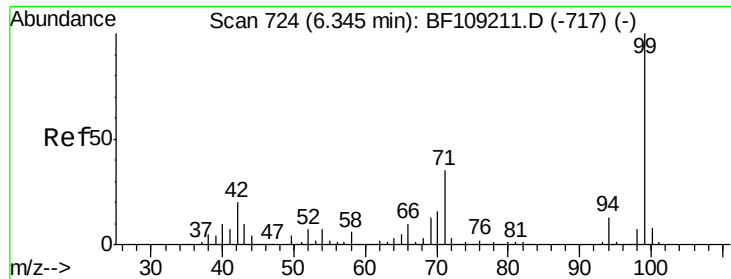
2-Fluorophenol
 Concen: 40.408 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109510.D
 Acq: 2 Oct 2018 19:07

Tgt Ion:112 Resp: 254481
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.9 71.9
 63 29.5 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: 25.452 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109510.D

Acq: 2 Oct 2018 19:07

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-D-S

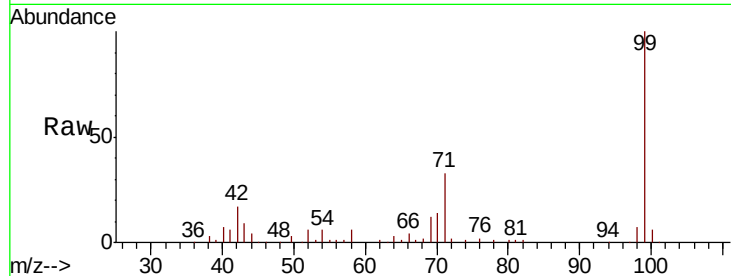
Tgt Ion: 99 Resp: 204536

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

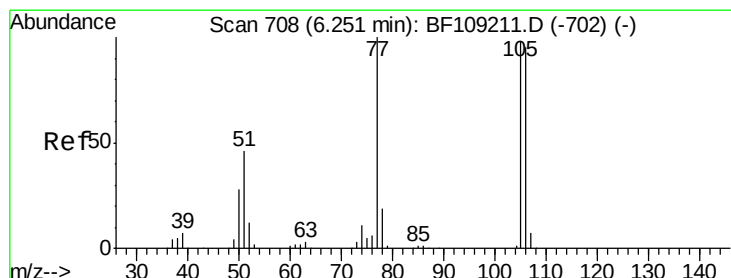
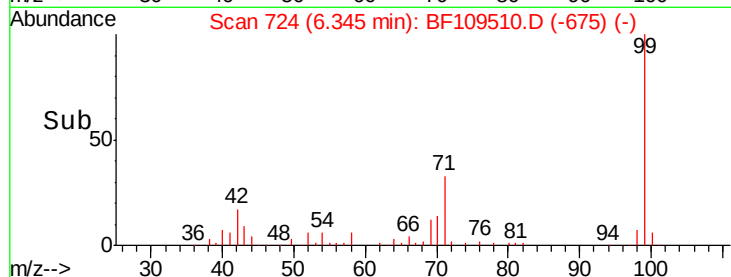
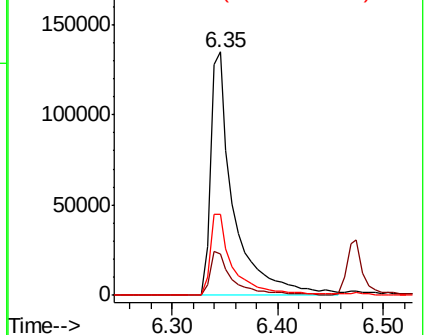
71 33.3 25.4 38.0



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: 2.154 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109510.D

Acq: 2 Oct 2018 19:07

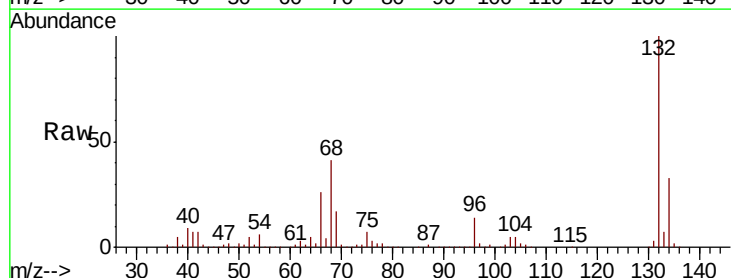
Tgt Ion: 77 Resp: 11119

Ion Ratio Lower Upper

77 100

105 80.2 81.1 121.1#

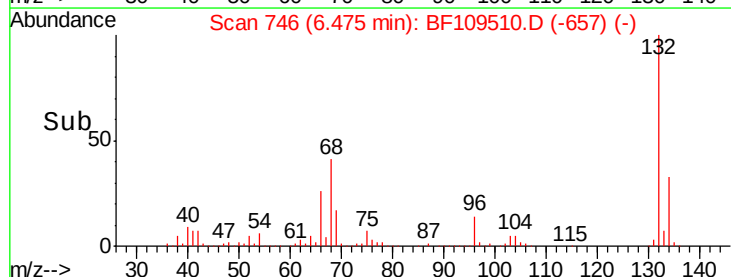
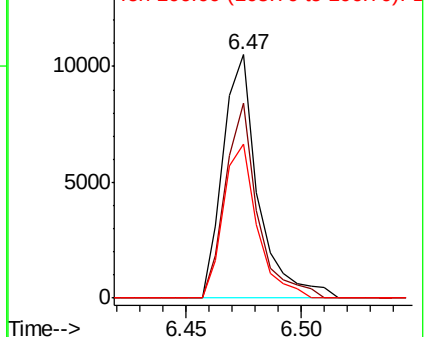
106 63.0 74.5 114.5#

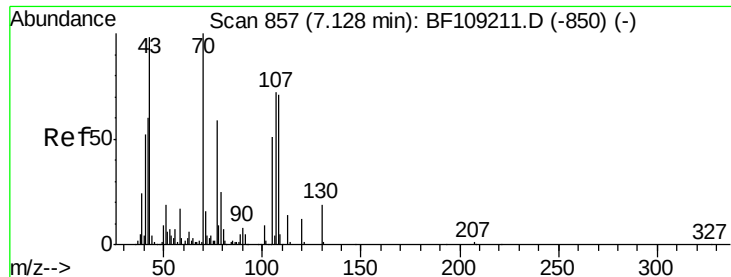


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

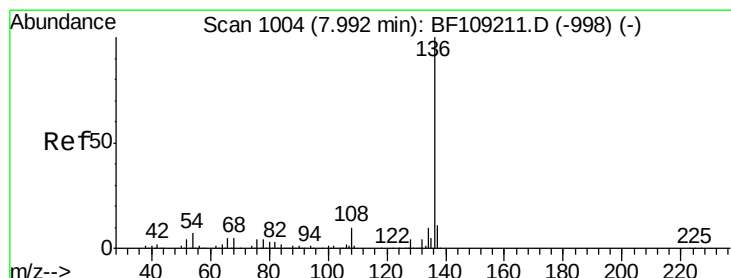
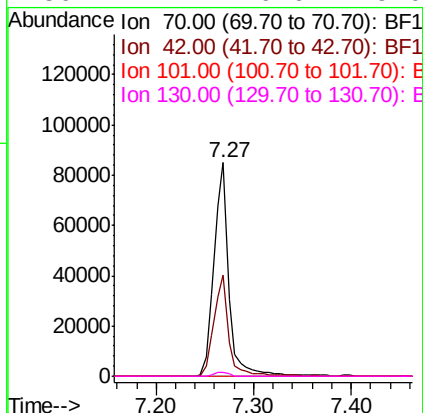
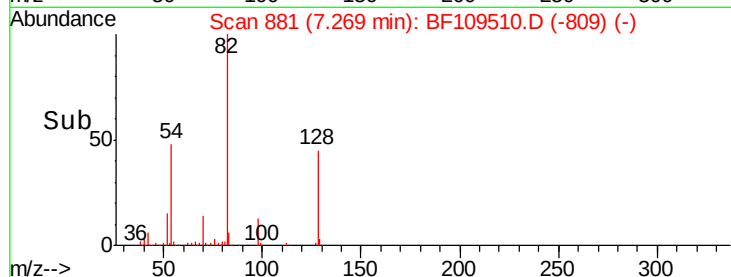
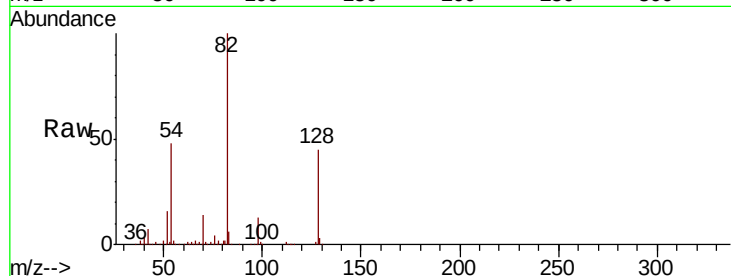




#19
n-Nitroso-di-n-propylamine
Concen: 17.127 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109510.D
Acq: 2 Oct 2018 19:07

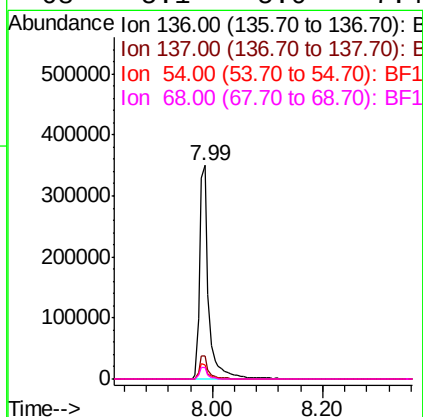
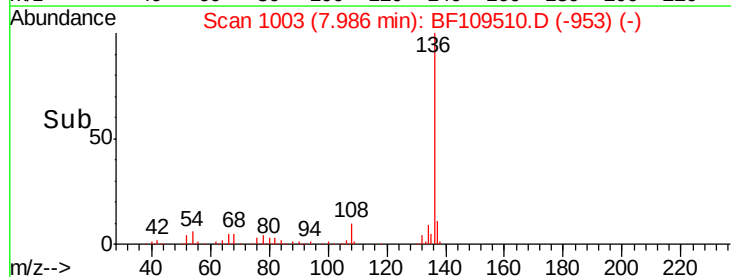
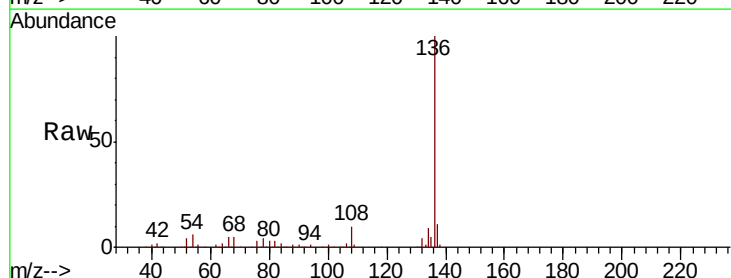
Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-D-S

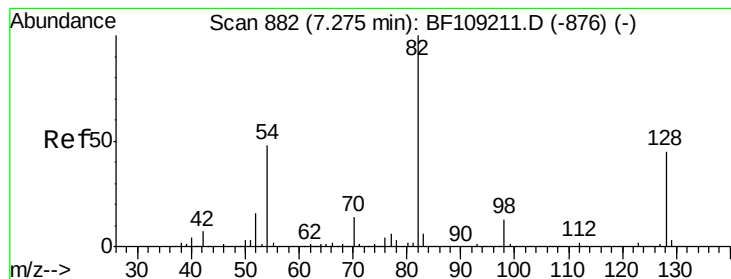
Tgt Ion: 70 Resp: 90190
Ion Ratio Lower Upper
70 100
42 47.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109510.D
Acq: 2 Oct 2018 19:07

Tgt Ion: 136 Resp: 396909
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.3 6.6 9.8#
68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 98.778 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109510.D

Acq: 2 Oct 2018 19:07

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-D-S

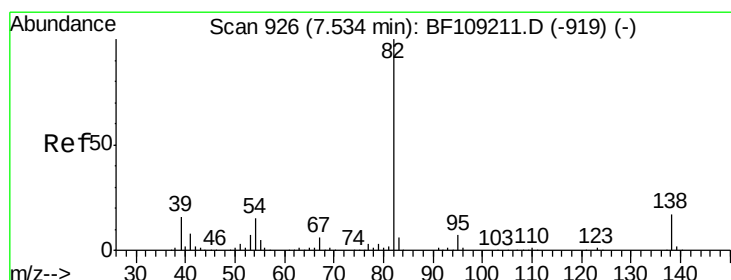
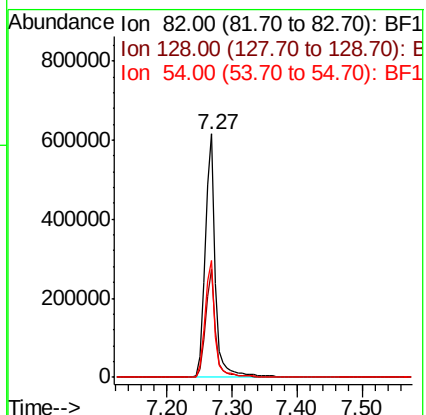
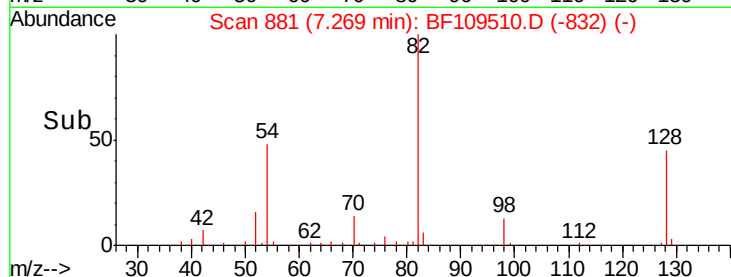
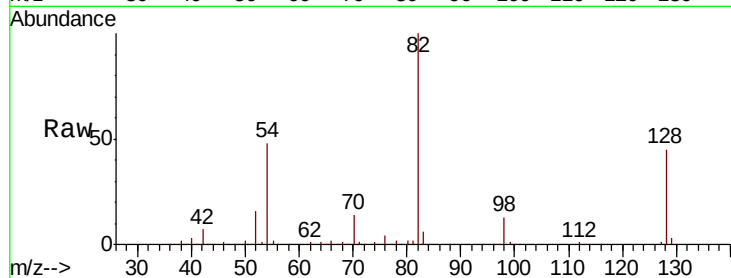
Tgt Ion: 82 Resp: 664152

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

54 47.8 41.4 62.2



#25

Isophorone

Concen: 52.533 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109510.D

Acq: 2 Oct 2018 19:07

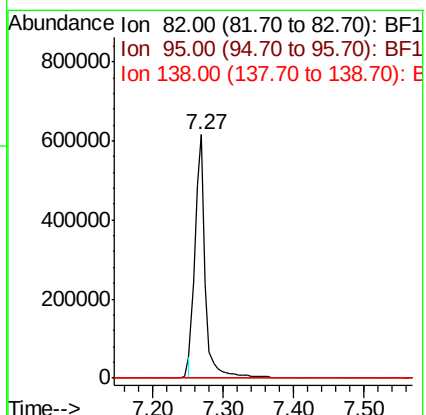
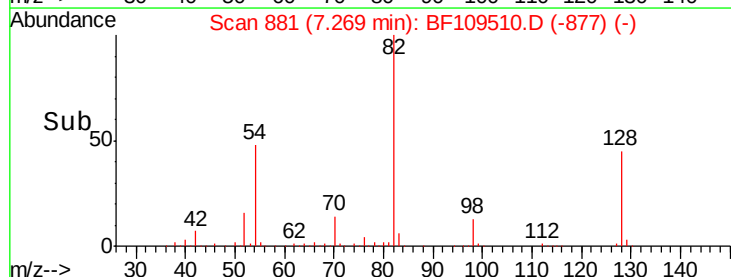
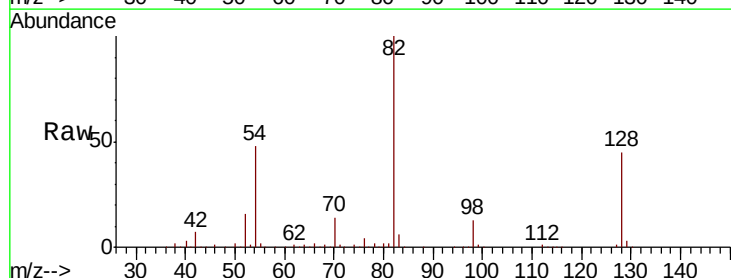
Tgt Ion: 82 Resp: 636053

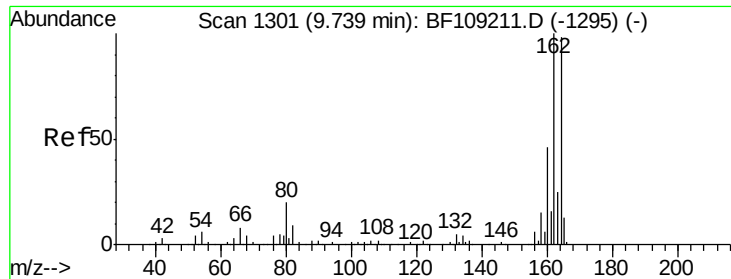
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

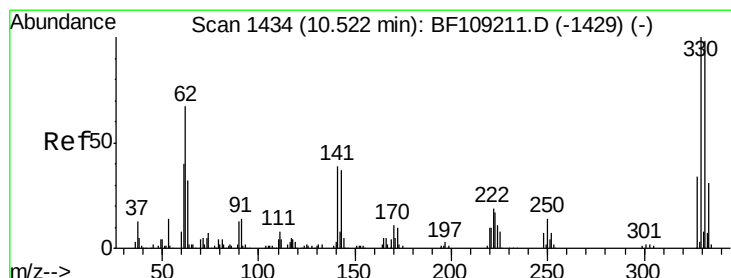
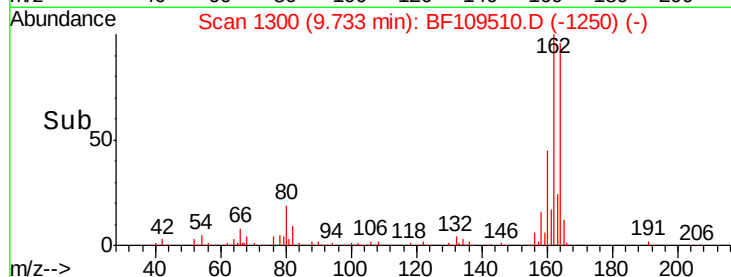
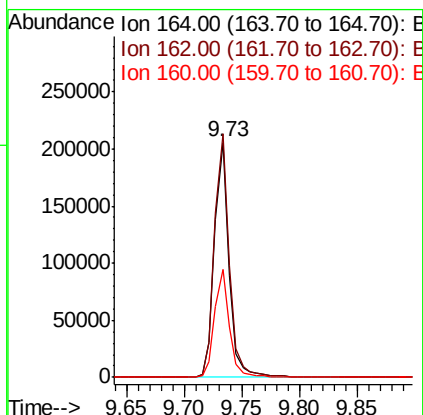
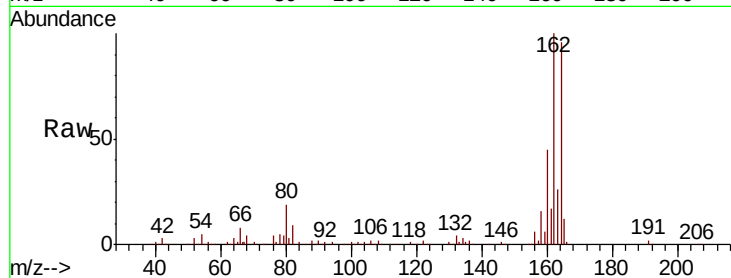




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109510.D
 Acq: 2 Oct 2018 19:07

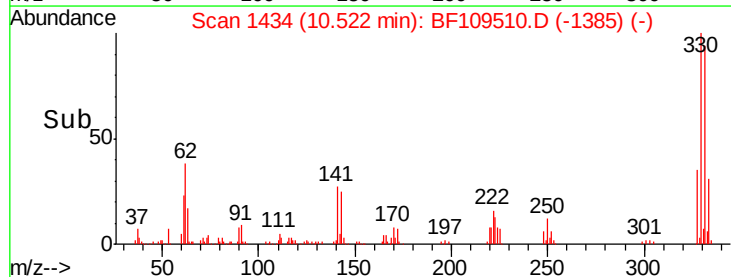
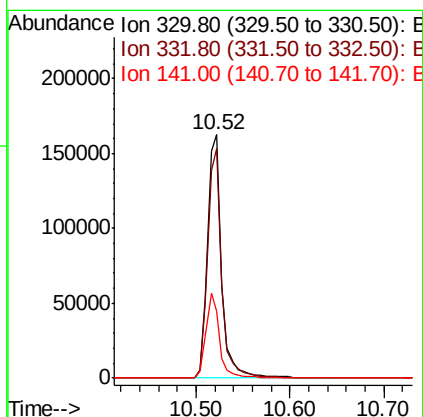
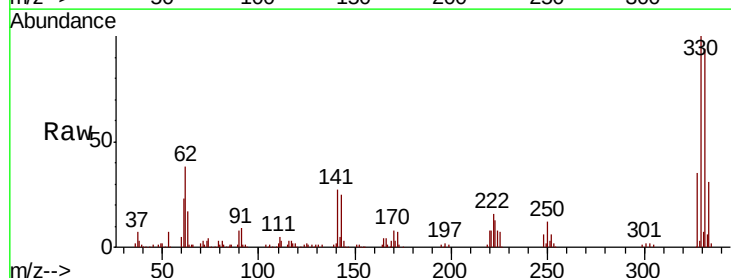
Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-D-S

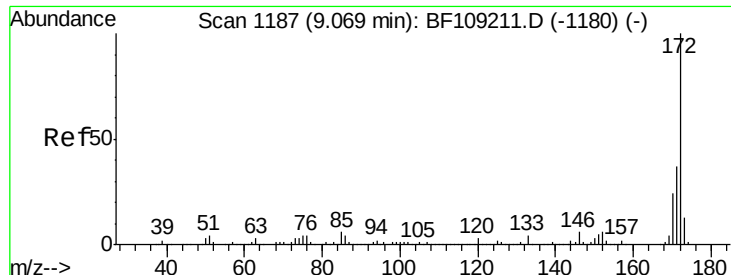
Tgt Ion:164 Resp: 181360
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 46.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 96.365 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109510.D
 Acq: 2 Oct 2018 19:07

Tgt Ion:330 Resp: 172284
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 33.0 29.9 44.9

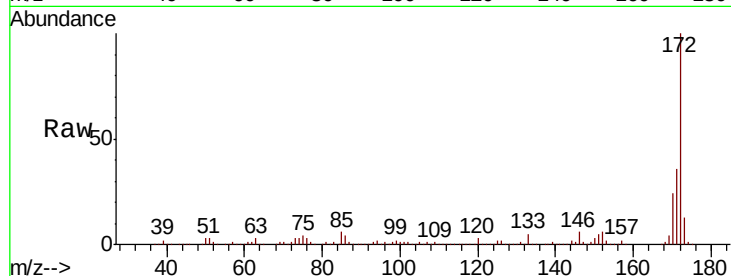




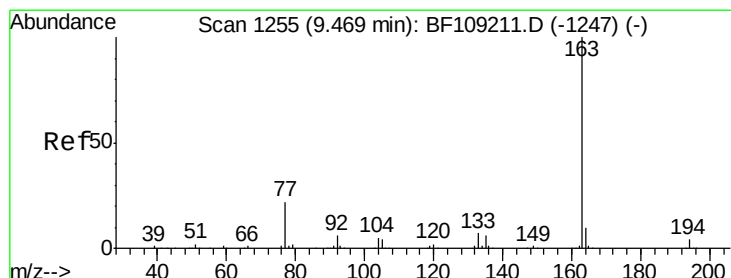
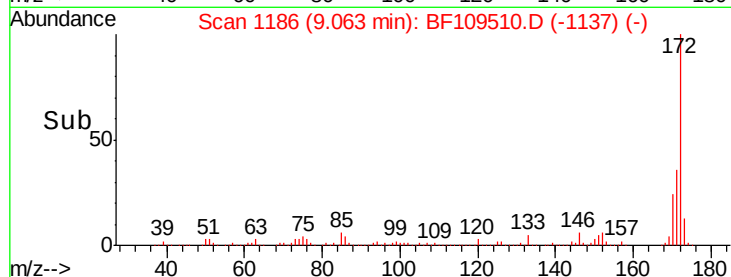
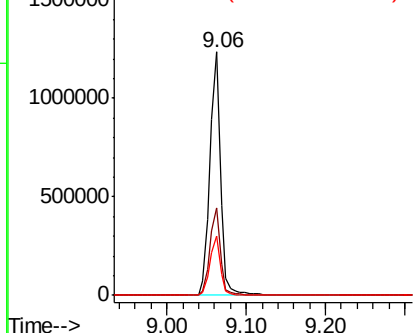
#44
2-Fluorobiphenyl
Concen: 96.318 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109510.D
Acq: 2 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-D-S

Tgt Ion:172 Resp: 1158220
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.3 19.6 29.4

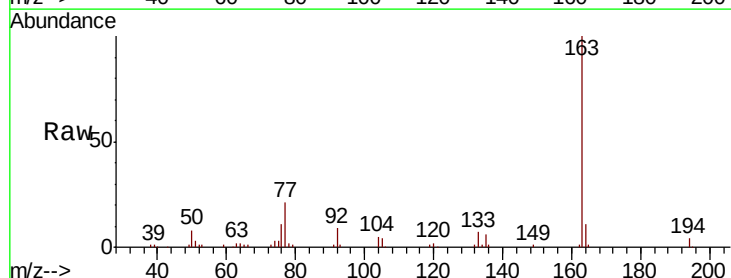


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

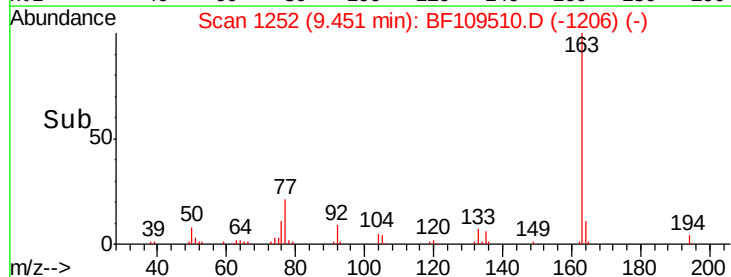
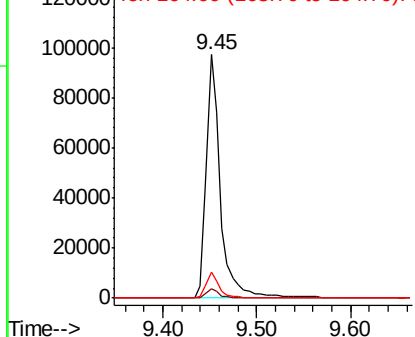


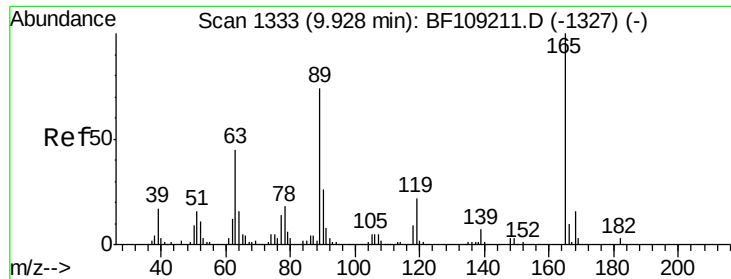
#49
Dimethylphthalate
Concen: 7.811 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109510.D
Acq: 2 Oct 2018 19:07

Tgt Ion:163 Resp: 103036
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.7 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

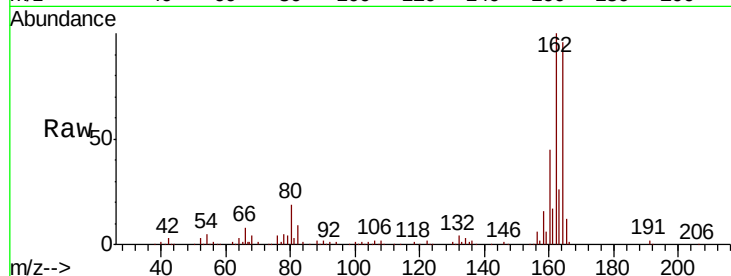




#56
 2,4-Dinitrotoluene
 Concen: 6.897 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109510.D
 Acq: 2 Oct 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-D-S

Tgt Ion:	165	Resp:	22799
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



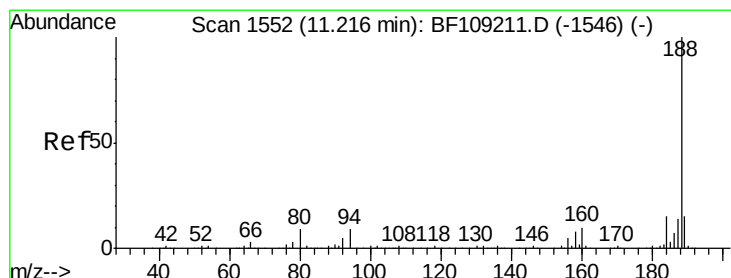
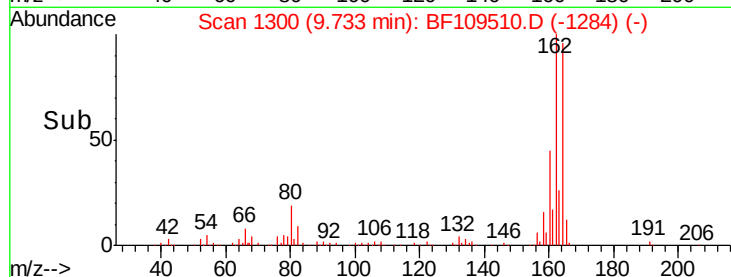
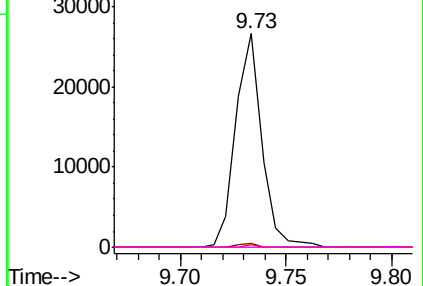
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

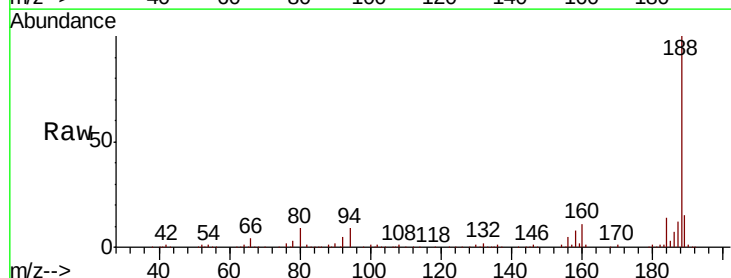
Ion 89.00 (88.70 to 89.70): BF1

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: BF109510.D
 Acq: 2 Oct 2018 19:07

Tgt Ion:	188	Resp:	326872
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.2	9.2	13.8

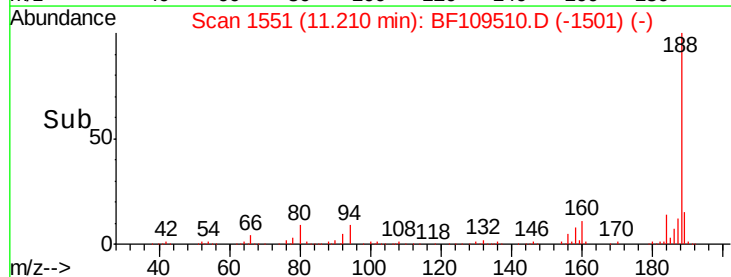
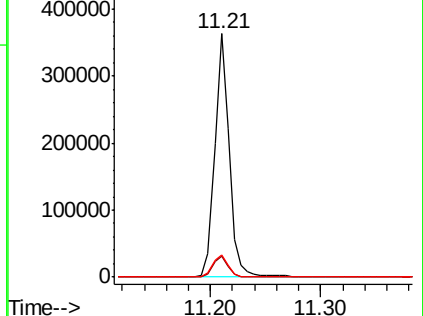


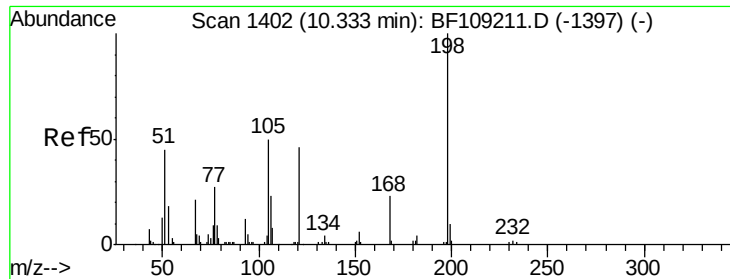
Abundance

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

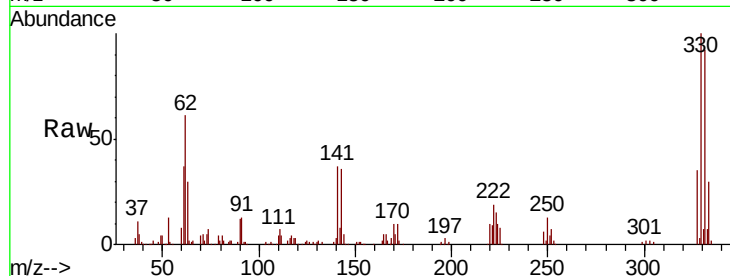




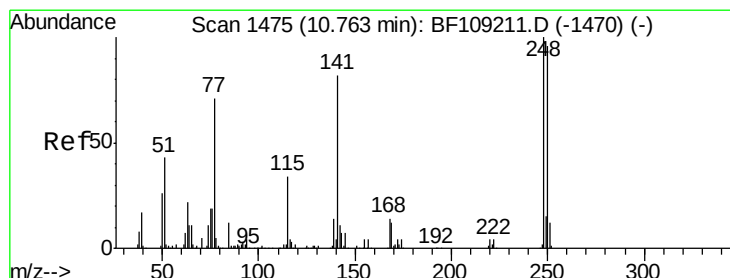
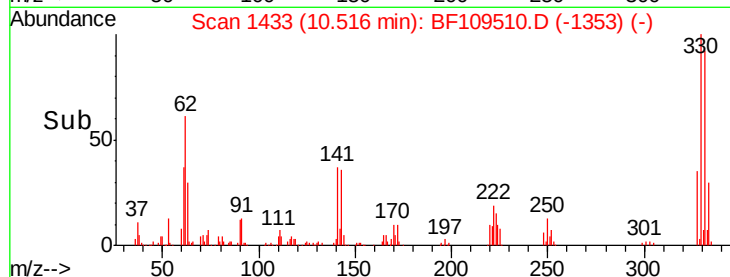
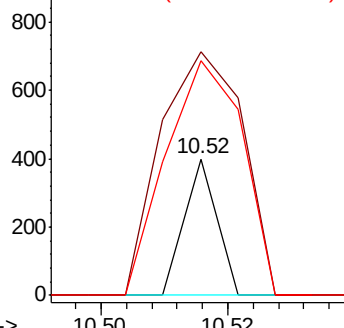
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.613 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109510.D
 Acq: 2 Oct 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-D-S

Tgt Ion:198 Resp: 141
 Ion Ratio Lower Upper
 198 100
 51 178.0 37.7 77.7#
 105 172.0 36.3 76.3#

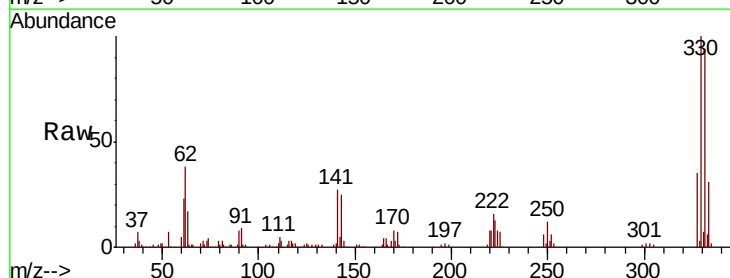


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

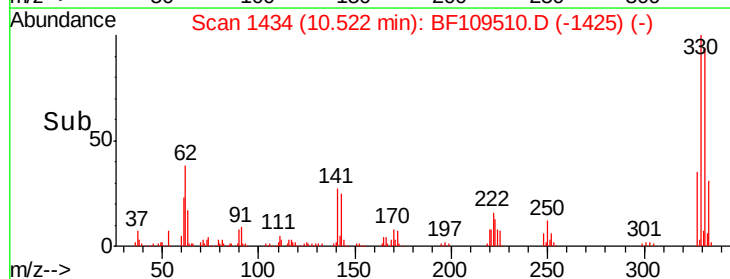
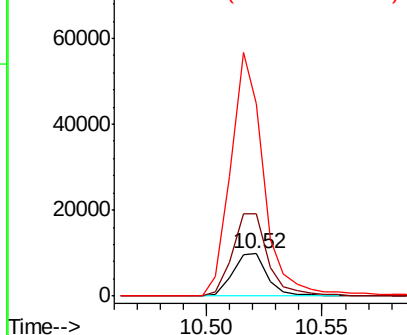


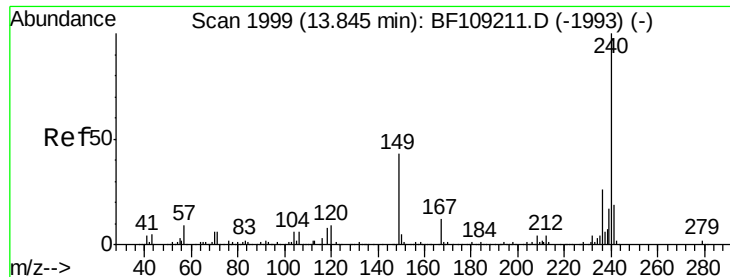
#66
 4-Bromophenyl-phenylether
 Concen: 2.887 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109510.D
 Acq: 2 Oct 2018 19:07

Tgt Ion:248 Resp: 10478
 Ion Ratio Lower Upper
 248 100
 250 194.7 76.9 115.3#
 141 455.8 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: BF109510.D

Acq: 2 Oct 2018 19:07

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-D-S

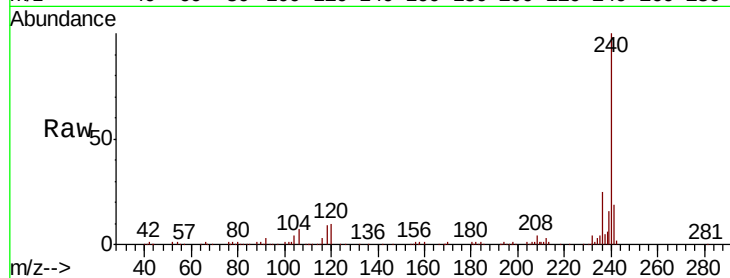
Tgt Ion:240 Resp: 241922

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

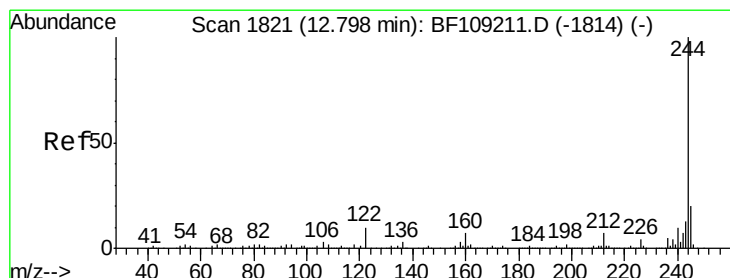
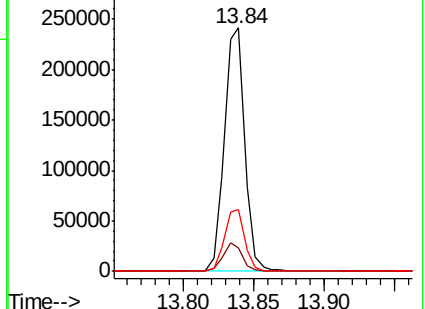
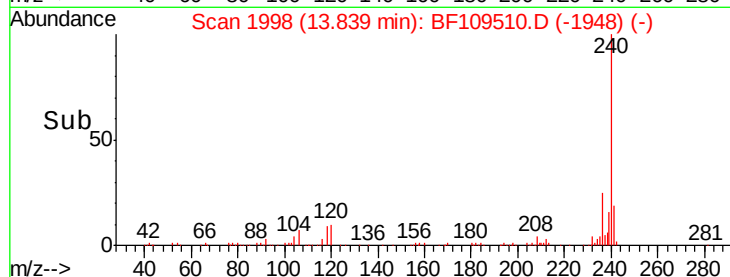
236 25.3 20.7 31.1



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: 103.501 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109510.D

Acq: 2 Oct 2018 19:07

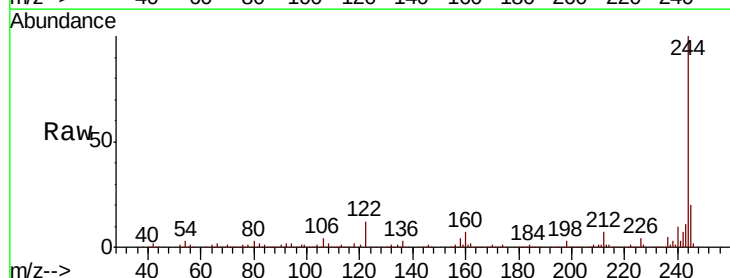
Tgt Ion:244 Resp: 1020276

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

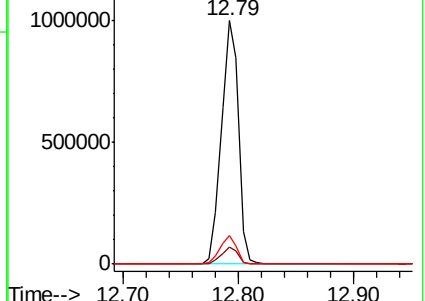
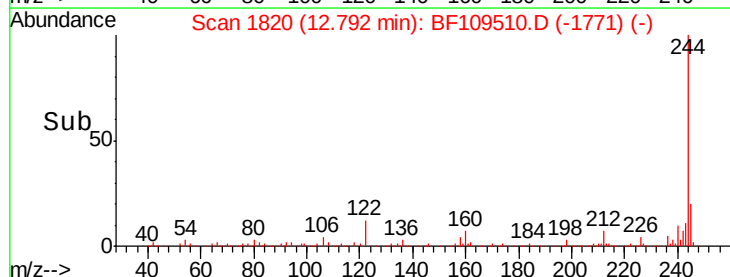
122 11.9 11.0 16.4

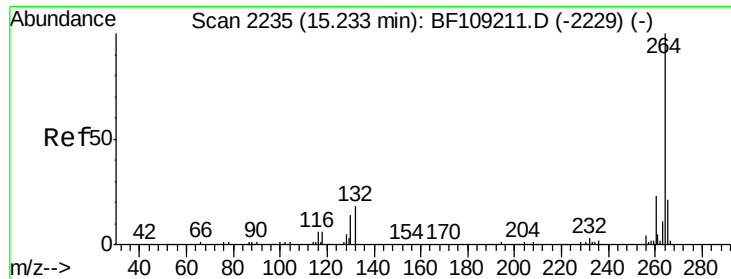


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109510.D
Acq: 2 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	17.5	26.3

