

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109563.D
 Acq On : 3 Oct 2018 22:42
 Operator : JU/SJ
 Sample : J5221-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100118-DBRI-E-D-B

Quant Time: Oct 04 02:19:58 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

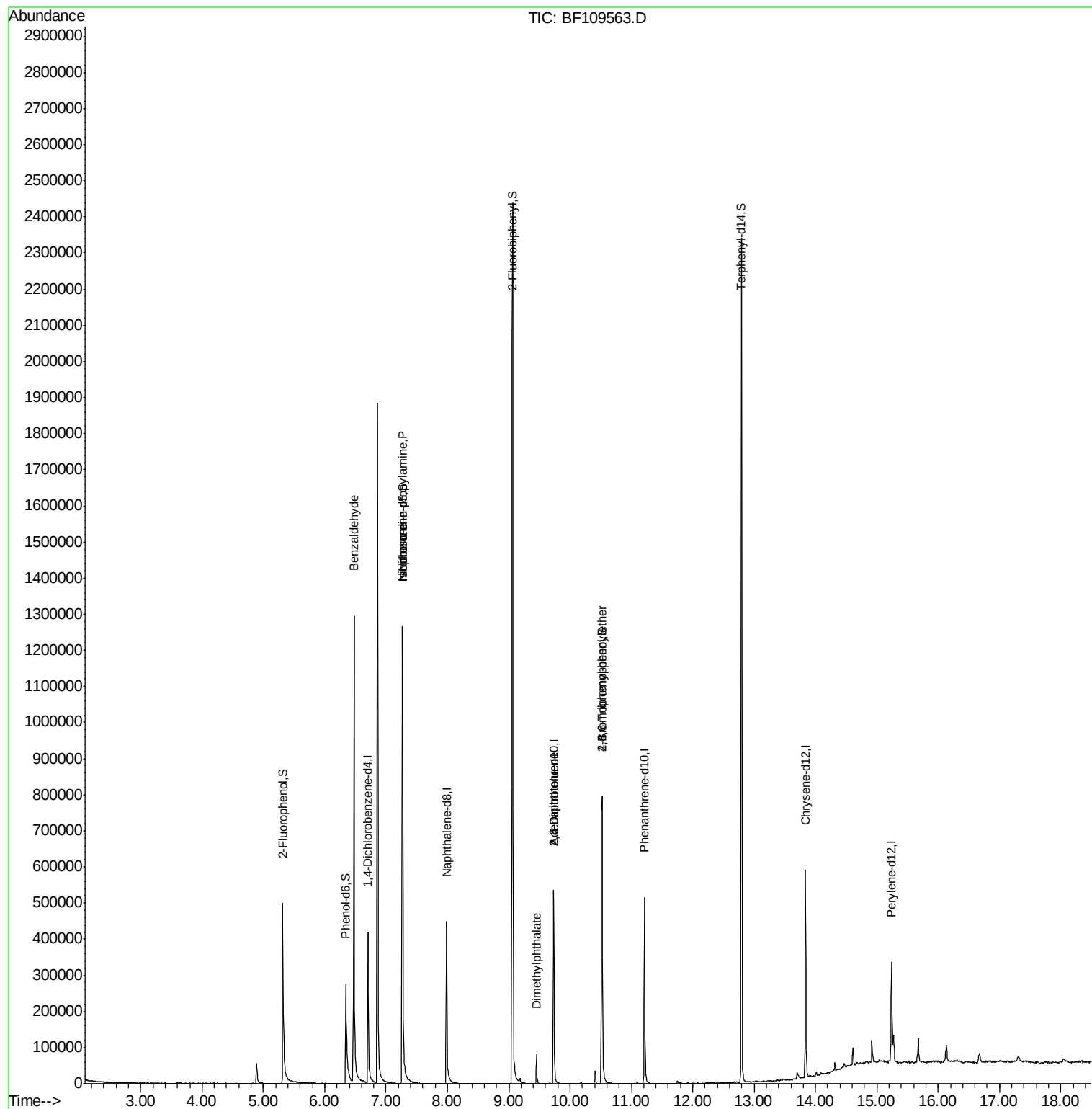
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	75926	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	264060	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	110171	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	212903	20.00	ng	0.00
75) Chrysene-d12	13.84	240	196817	20.00	ng	0.00
86) Perylene-d12	15.24	264	136956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	194274	42.14	ng	0.00
7) Phenol-d6	6.35	99	158062	26.87	ng	-0.01
23) Nitrobenzene-d5	7.27	82	508998	113.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	119044	109.61	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	865934	118.54	ng	-0.01
78) Terphenyl-d14	12.80	244	906391	113.02	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	8499	2.249	ng	# 75
19) n-Nitroso-di-n-propylamine	7.27	70	68357	17.735	ng	# 77
25) Isophorone	7.27	82	486550	60.403	ng	# 64
49) Dimethylphthalate	9.45	163	38684	4.828	ng	100
50) 2,6-Dinitrotoluene	9.73	165	13271	8.362	ng	# 24
56) 2,4-Dinitrotoluene	9.73	165	13271	6.609	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	6829	2.888	ng	# 1

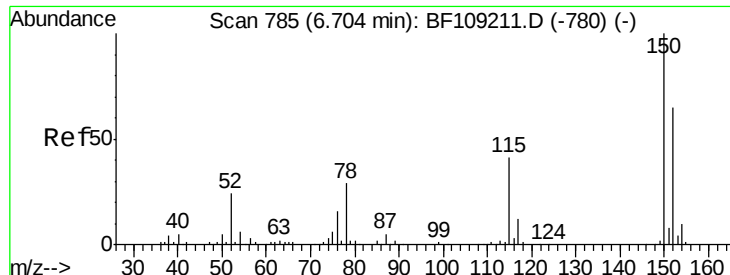
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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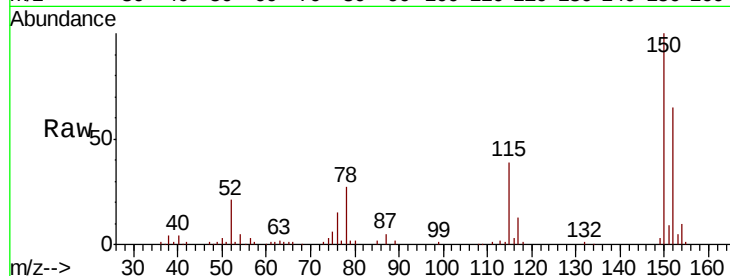




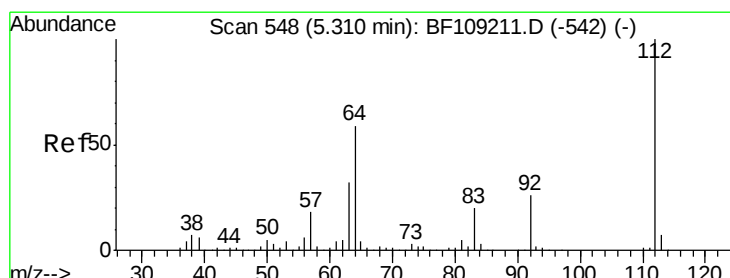
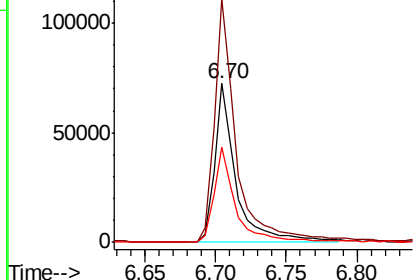
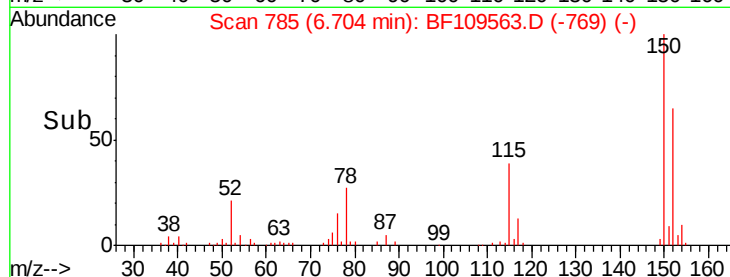
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109563.D
 Acq: 3 Oct 2018 22:42

Instrument :
 BNA_F
 ClientSampleId :
 100118-DBRI-E-D-B

Tgt Ion:152 Resp: 75926
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 60.2 50.1 75.1

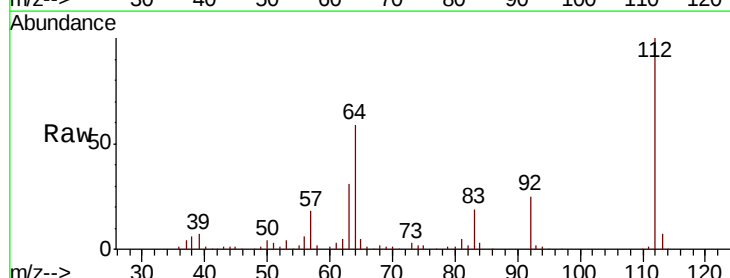


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

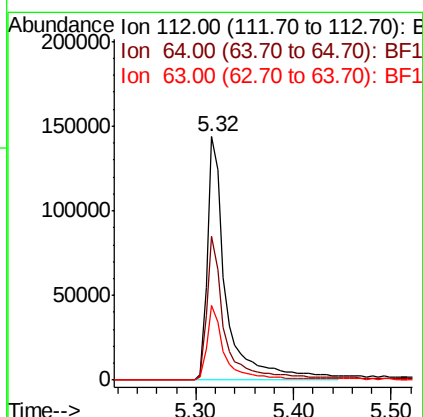
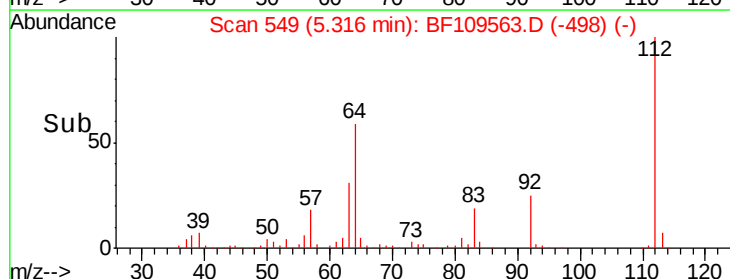


#5
 2-Fluorophenol
 Concen: 42.144 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109563.D
 Acq: 3 Oct 2018 22:42

Tgt Ion:112 Resp: 194274
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 30.9 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: 26.871 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109563.D

Acq: 3 Oct 2018 22:42

Instrument :

BNA_F

ClientSampleId :

100118-DBRI-E-D-B

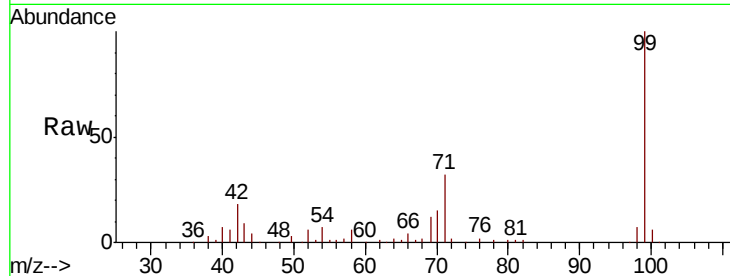
Tgt Ion: 99 Resp: 158062

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

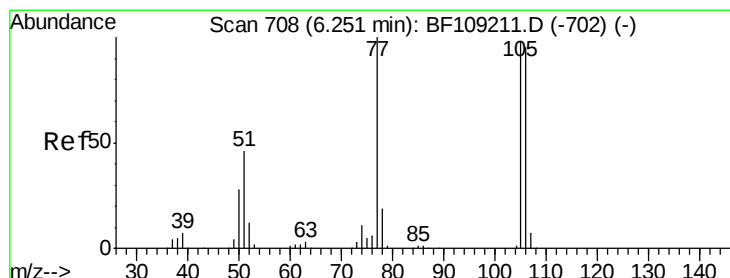
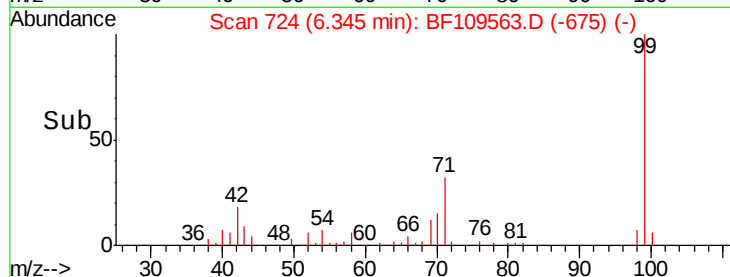
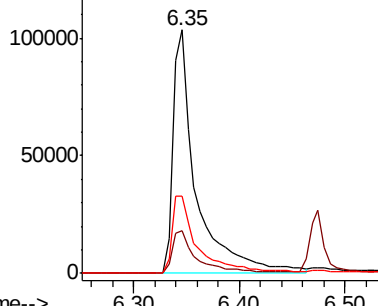
71 31.8 25.4 38.0



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: 2.249 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109563.D

Acq: 3 Oct 2018 22:42

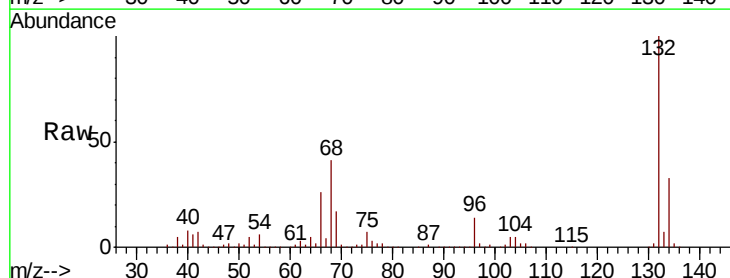
Tgt Ion: 77 Resp: 8499

Ion Ratio Lower Upper

77 100

105 78.0 81.1 121.1#

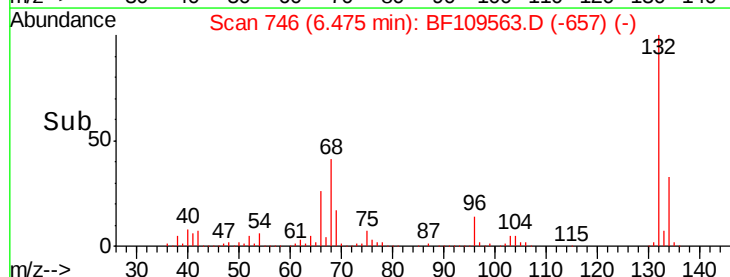
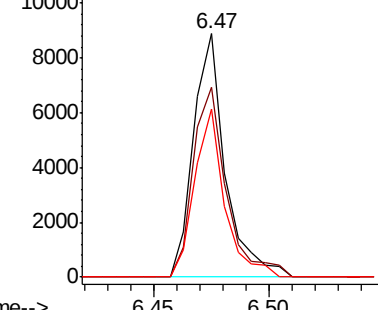
106 69.1 74.5 114.5#

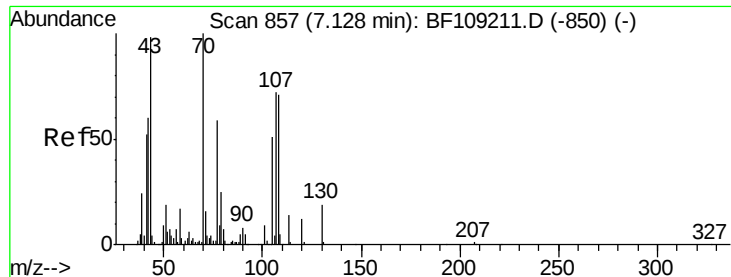


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

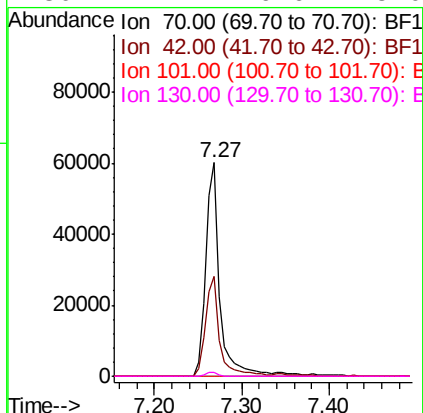
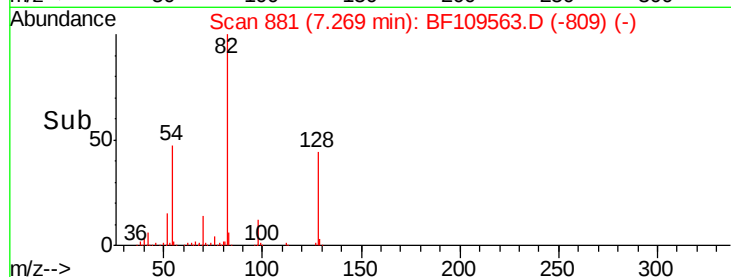
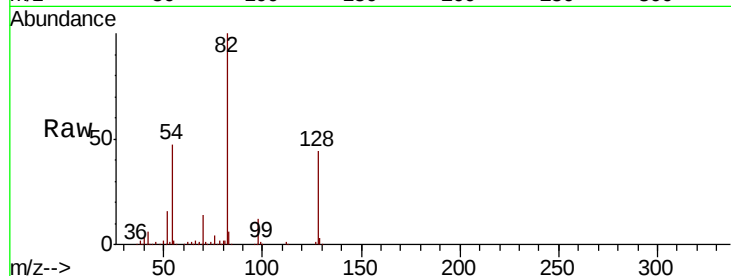




#19
n-Nitroso-di-n-propylamine
Concen: 17.735 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109563.D
Acq: 3 Oct 2018 22:42

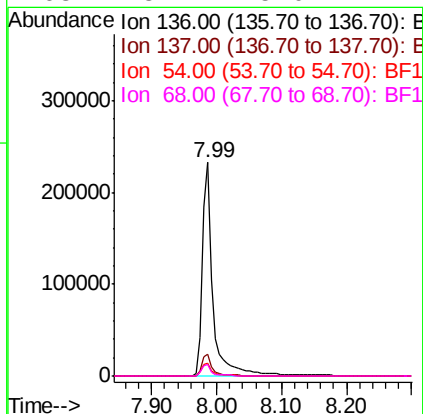
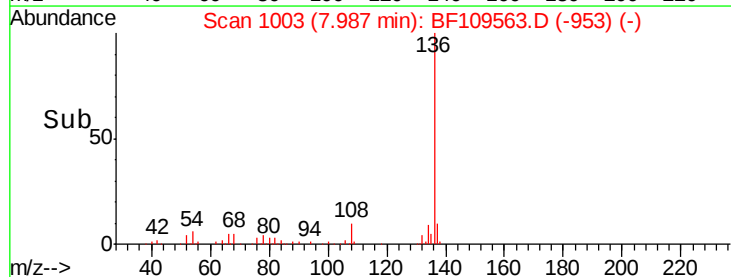
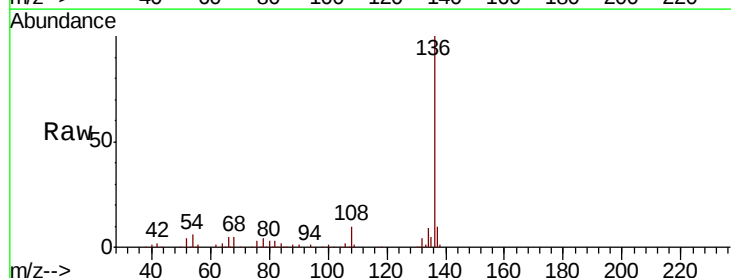
Instrument :
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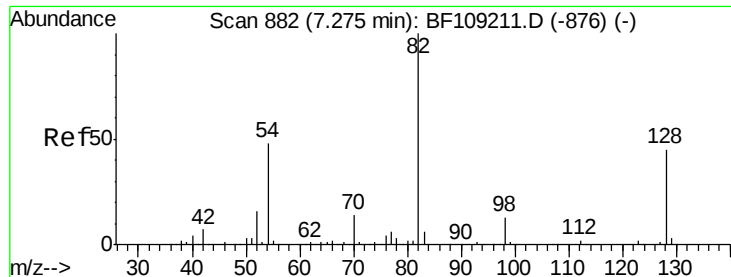
Tgt Ion: 70 Resp: 68357
Ion Ratio Lower Upper
70 100
42 46.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109563.D
Acq: 3 Oct 2018 22:42

Tgt Ion: 136 Resp: 264060
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 6.2 6.6 9.8#
68 5.4 5.0 7.4

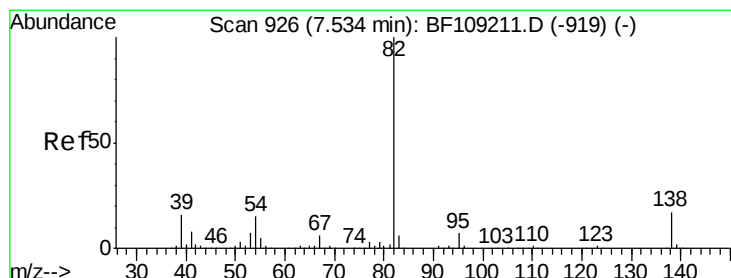
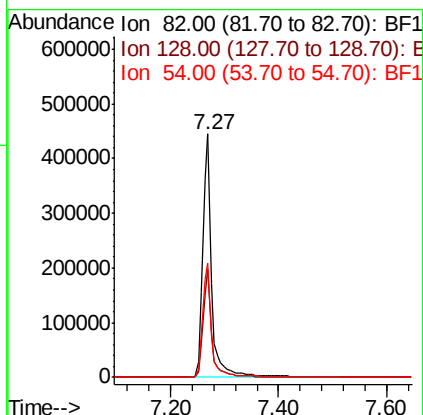
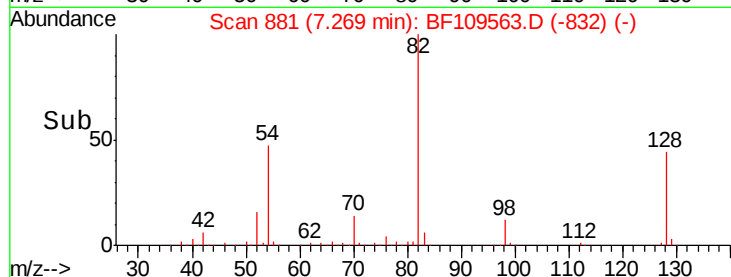
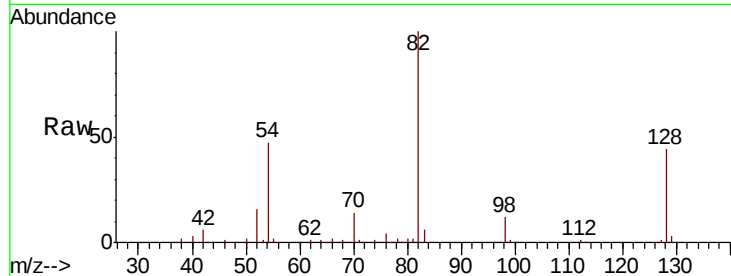




#23
 Nitrobenzene-d5
 Concen: 113.788 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109563.D
 Acq: 3 Oct 2018 22:42

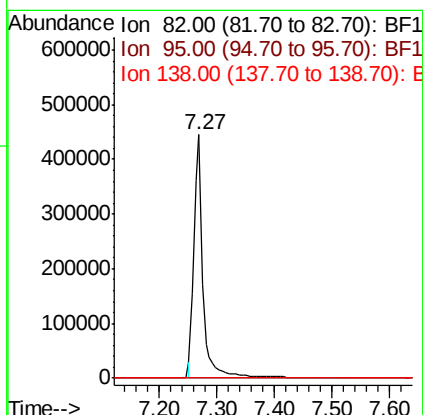
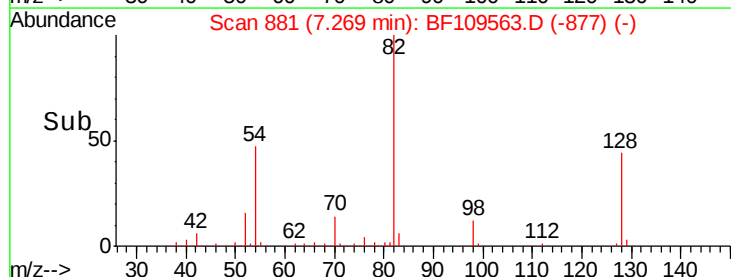
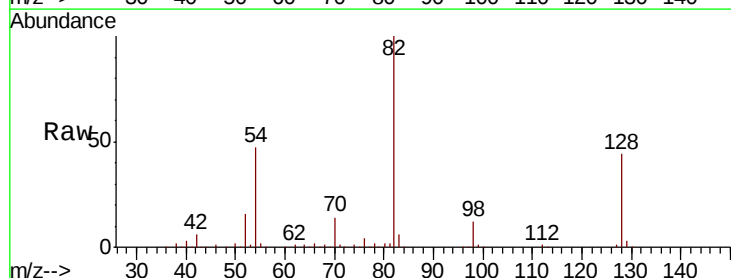
Instrument :
 BNA_F
 ClientSampleId :
 100118-DBRI-E-D-B

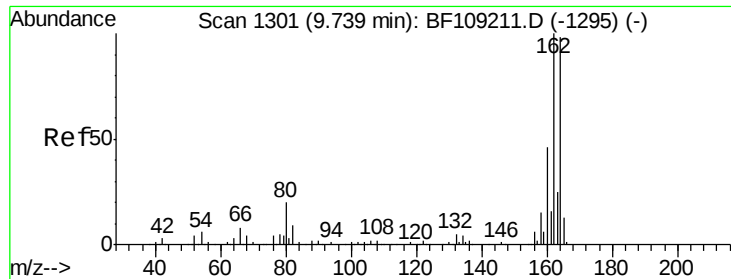
Tgt Ion: 82 Resp: 508998
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.1 54.1
 54 46.8 41.4 62.2



#25
 Isophorone
 Concen: 60.403 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109563.D
 Acq: 3 Oct 2018 22:42

Tgt Ion: 82 Resp: 486550
 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: BF109563.D

Acq: 3 Oct 2018 22:42

Instrument :

BNA_F

ClientSampleId :

100118-DBRI-E-D-B

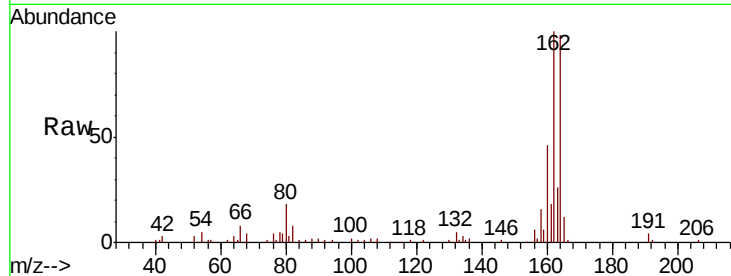
Tgt Ion:164 Resp: 110171

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

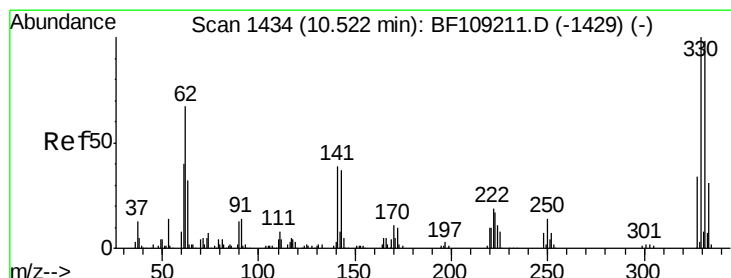
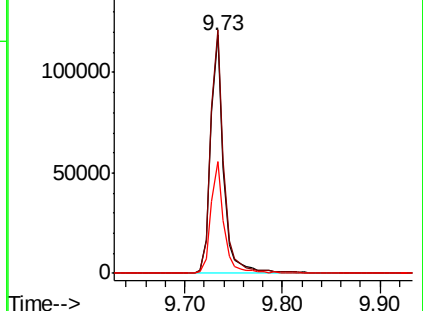
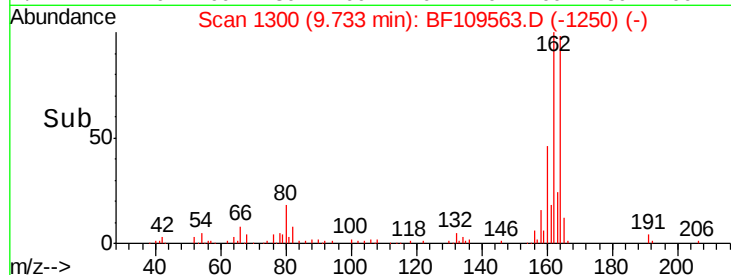
160 46.8 38.3 57.5



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: 109.611 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109563.D

Acq: 3 Oct 2018 22:42

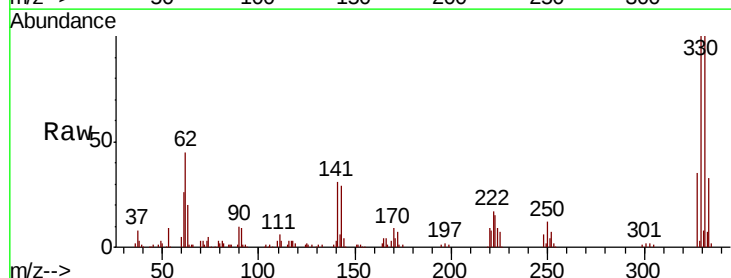
Tgt Ion:330 Resp: 119044

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

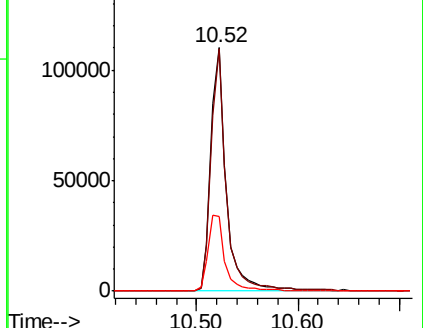
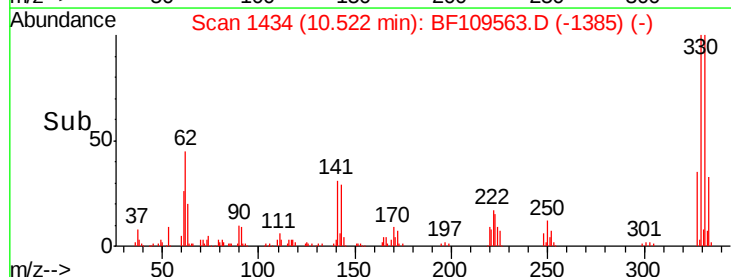
141 33.8 29.9 44.9

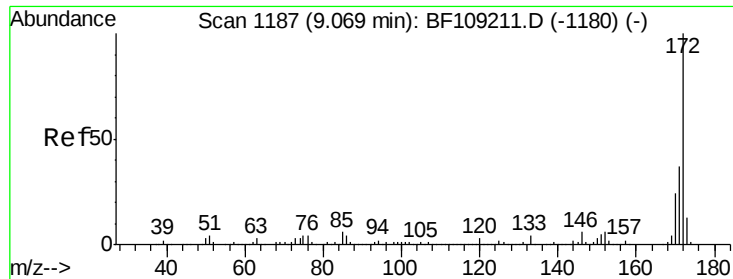


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

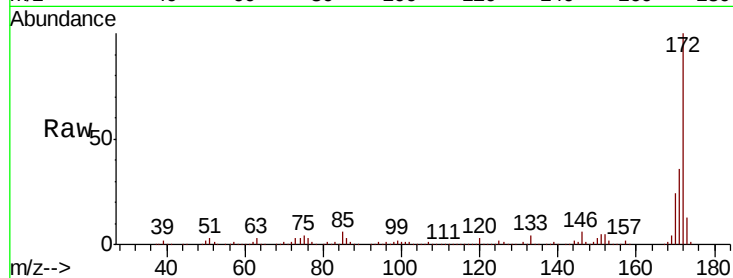




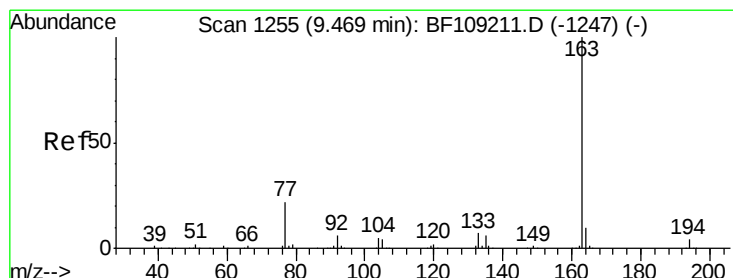
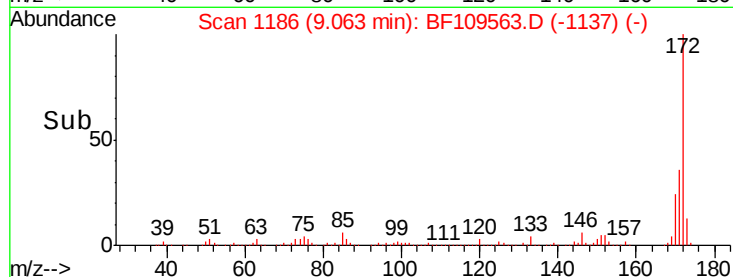
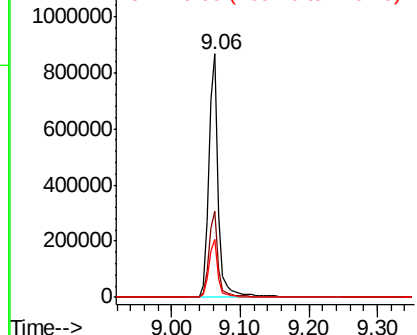
#44
2-Fluorobiphenyl
Concen: 118.543 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109563.D
Acq: 3 Oct 2018 22:42

Instrument :
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ClientSampleId :
100118-DBRI-E-D-B

Tgt Ion:172 Resp: 865934
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 24.0 19.6 29.4

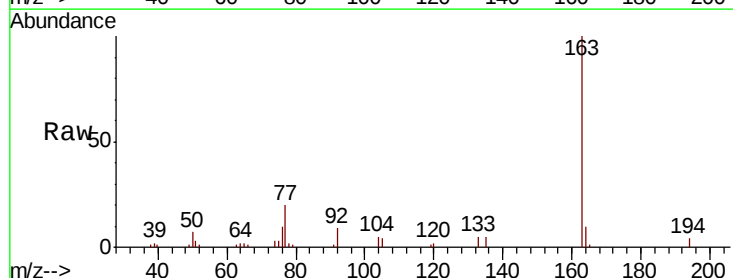


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

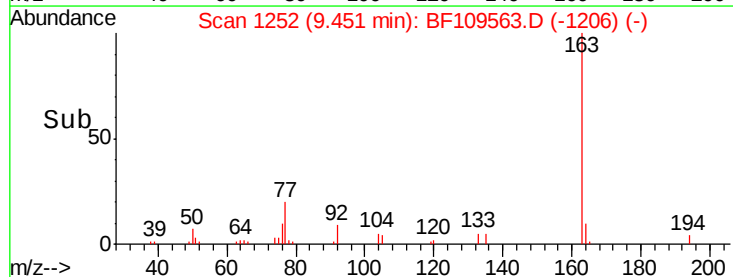
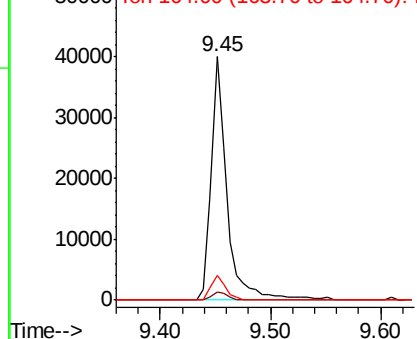


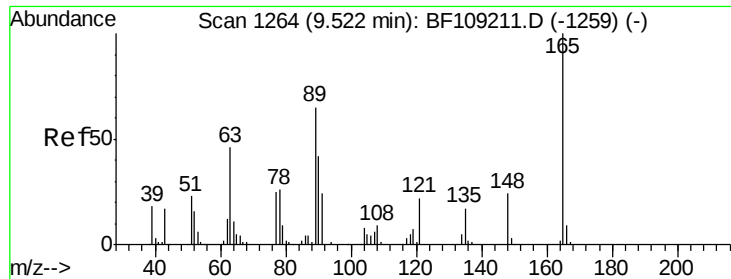
#49
Dimethylphthalate
Concen: 4.828 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109563.D
Acq: 3 Oct 2018 22:42

Tgt Ion:163 Resp: 38684
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 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

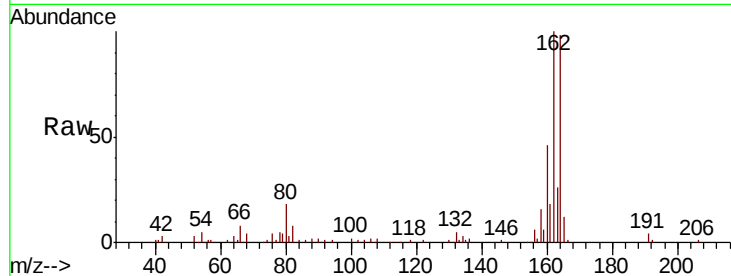




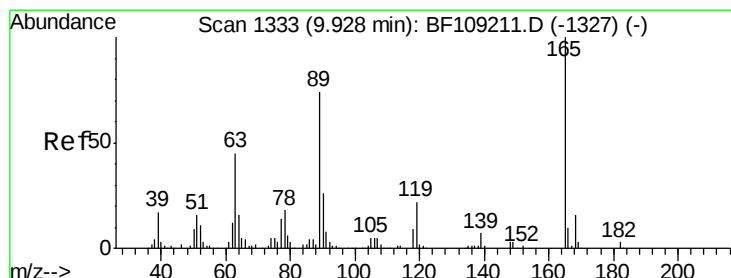
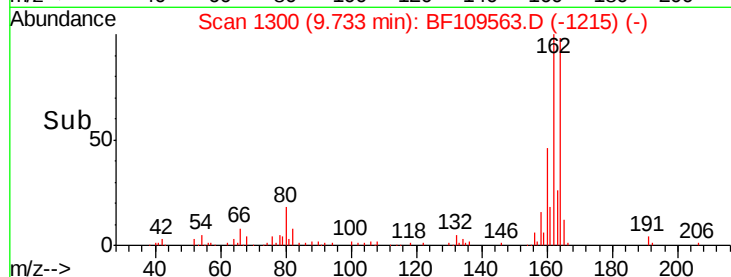
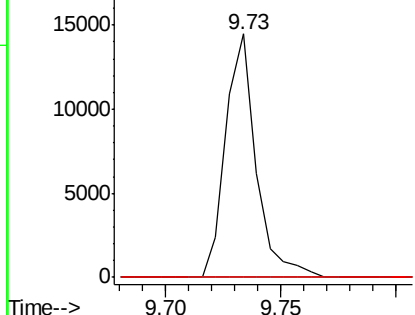
#50
 2,6-Dinitrotoluene
 Concen: 8.362 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109563.D
 Acq: 3 Oct 2018 22:42

Instrument :
 BNA_F
 ClientSampleId :
 100118-DBRI-E-D-B

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



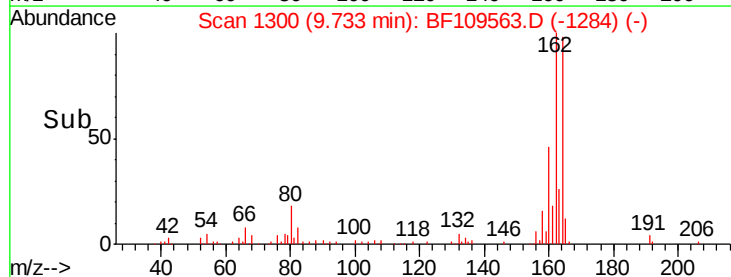
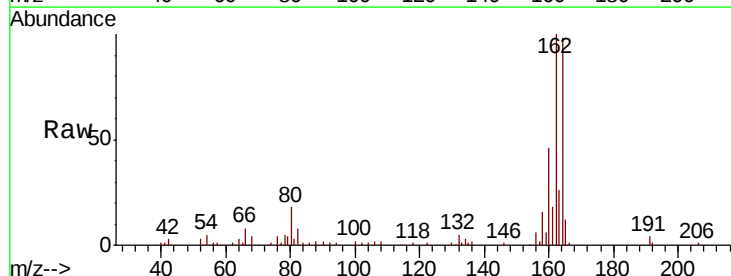
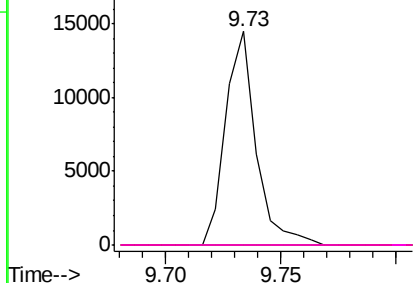
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

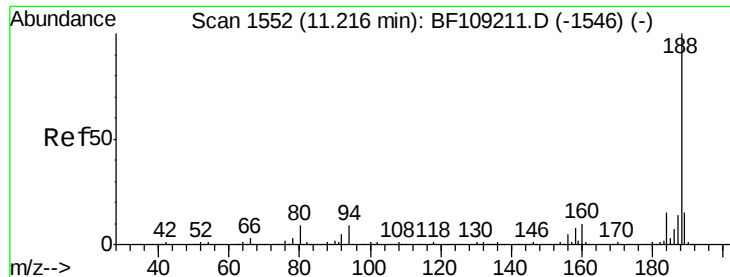


#56
 2,4-Dinitrotoluene
 Concen: 6.609 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109563.D
 Acq: 3 Oct 2018 22:42

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#

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

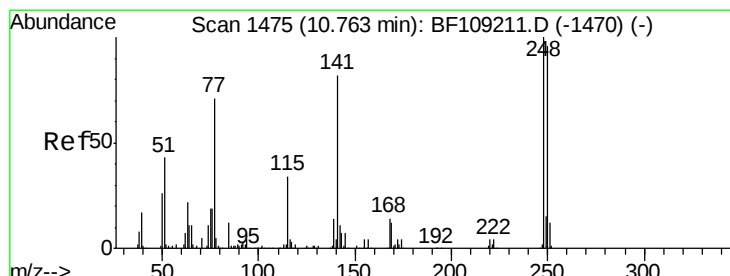
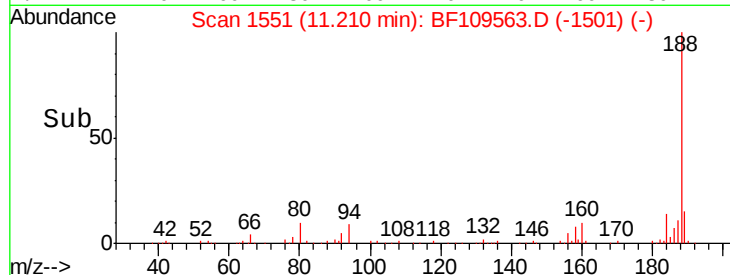
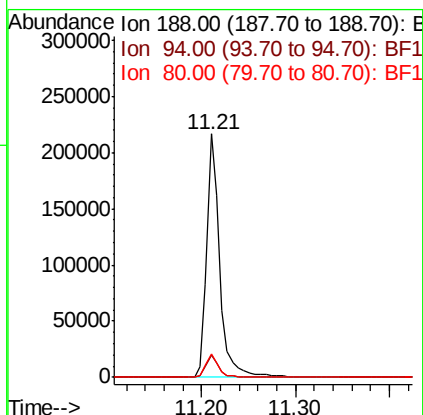
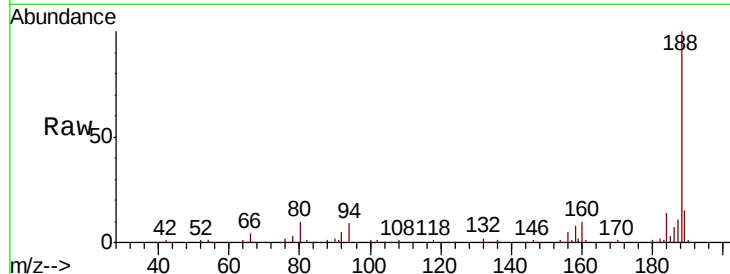




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109563.D
Acq: 3 Oct 2018 22:42

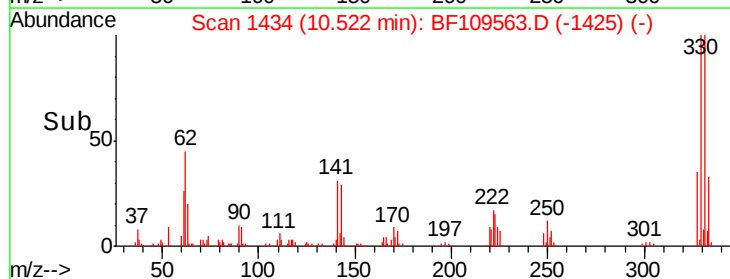
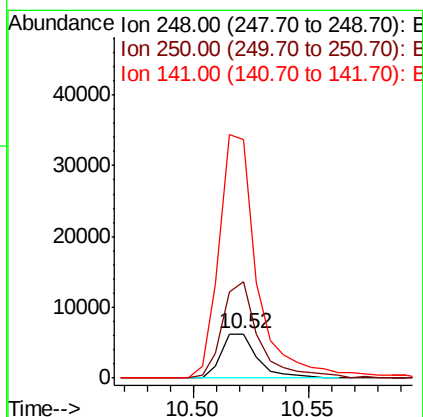
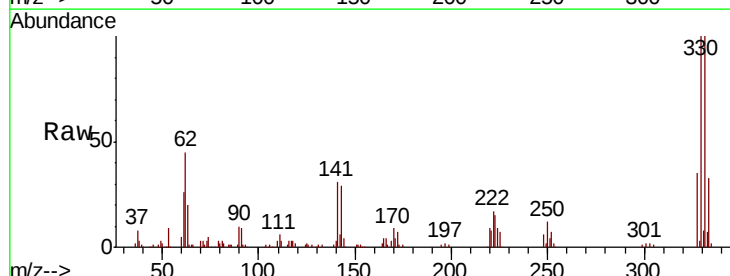
Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-D-B

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	212903		
94	9.1		8.5	12.7
80	9.6		9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 2.888 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109563.D
Acq: 3 Oct 2018 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	6829		
250	217.7		76.9	115.3#
141	538.8		74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109563.D

Acq: 3 Oct 2018 22:42

Instrument :

BNA_F

ClientSampleId :

100118-DBRI-E-D-B

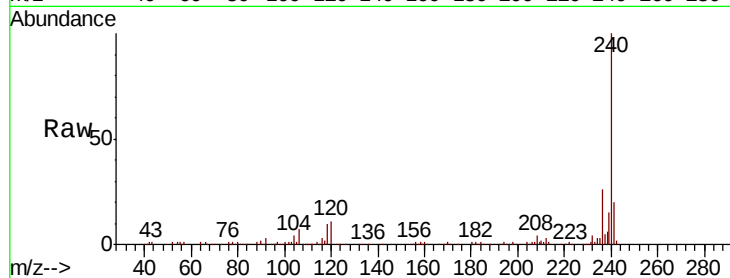
Tgt Ion:240 Resp: 196817

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

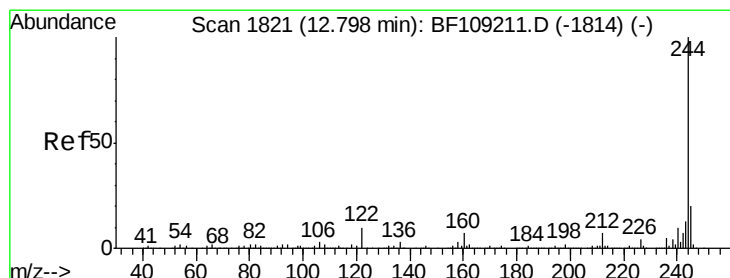
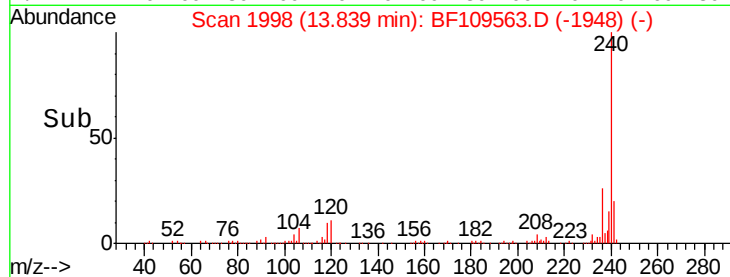
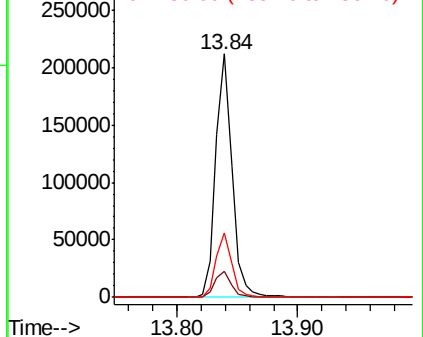
236 26.5 20.7 31.1



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: 113.020 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109563.D

Acq: 3 Oct 2018 22:42

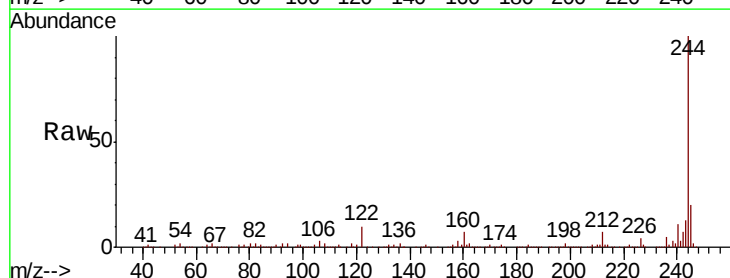
Tgt Ion:244 Resp: 906391

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

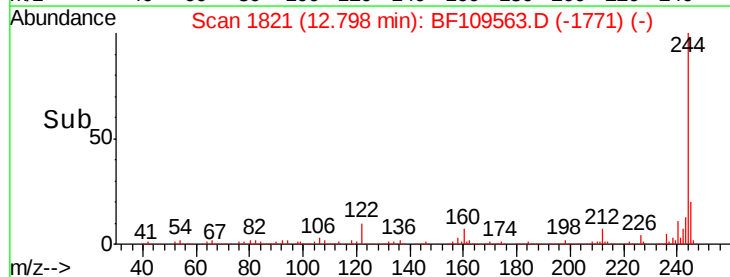
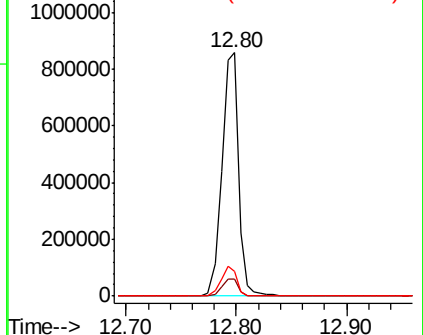
122 9.9 11.0 16.4#

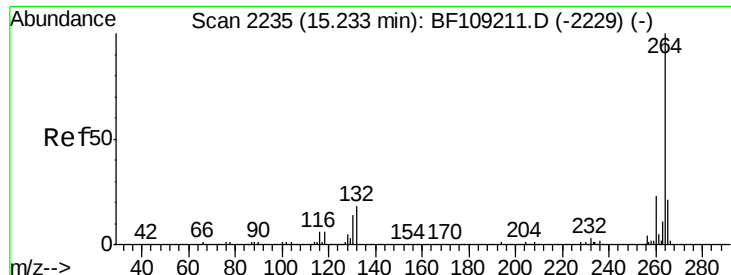


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109563.D
Acq: 3 Oct 2018 22:42

Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-D-B

Tgt Ion: 264 Resp: 136956
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.2 17.5 26.3

