

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109512.D
 Acq On : 2 Oct 2018 20:00
 Operator : JU/SJ
 Sample : J5186-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 03 03:08:45 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

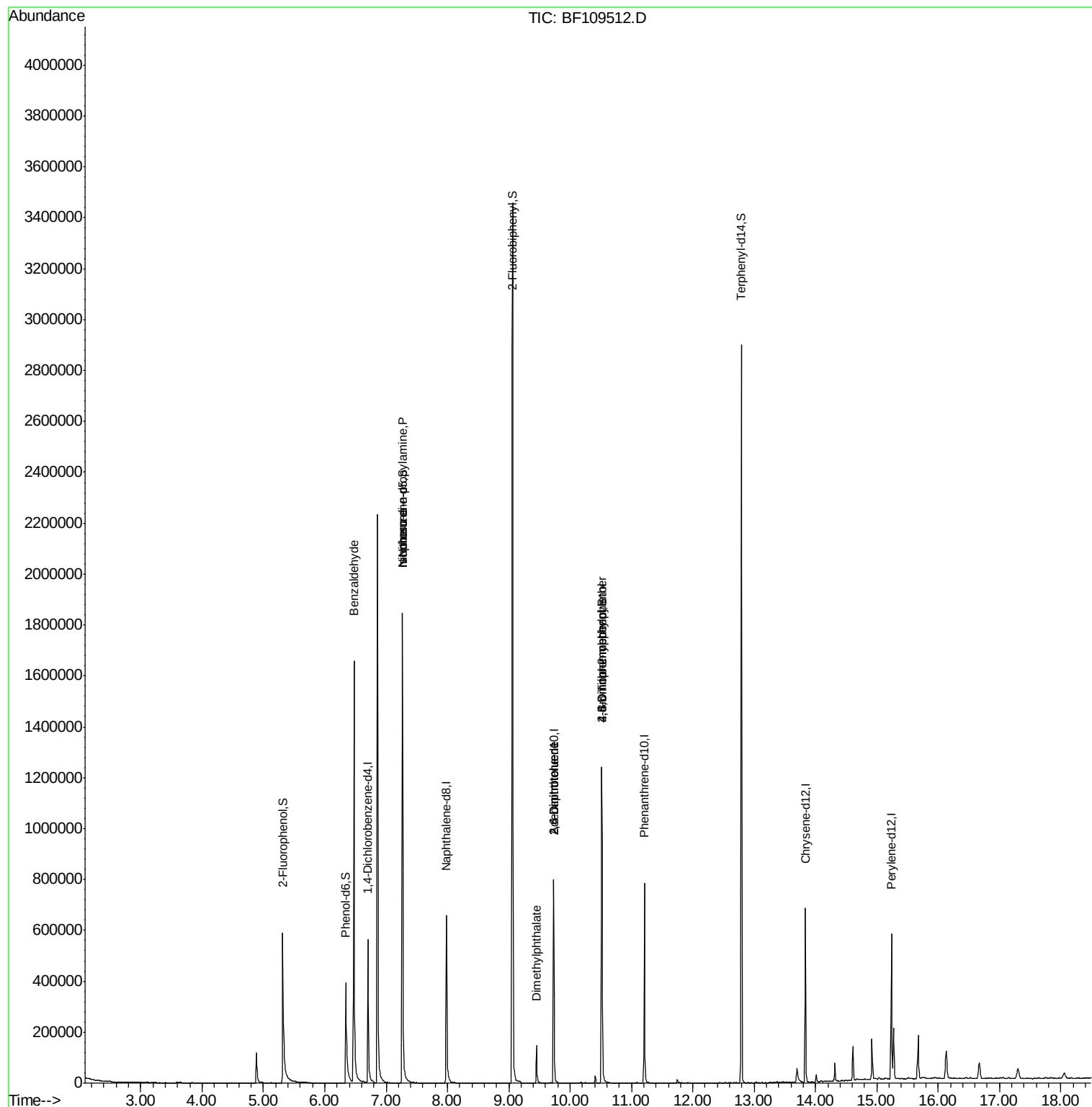
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104800	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	386533	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	172579	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	297023	20.00	ng	0.00
75) Chrysene-d12	13.83	240	248413	20.00	ng	-0.01
86) Perylene-d12	15.24	264	261337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	269855	42.41	ng	0.00
7) Phenol-d6	6.35	99	219372	27.02	ng	-0.01
23) Nitrobenzene-d5	7.27	82	704427	107.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	165818	97.47	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1191137	104.10	ng	-0.01
78) Terphenyl-d14	12.79	244	1026407	101.40	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	11371	2.180	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	94782	17.816	ng	# 77
25) Isophorone	7.27	82	677131	57.427	ng	# 64
49) Dimethylphthalate	9.45	163	70083	5.583	ng	100
50) 2,6-Dinitrotoluene	9.73	165	21746	8.747	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	21746	6.913	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	152	6.630	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10089	3.059	ng	# 1

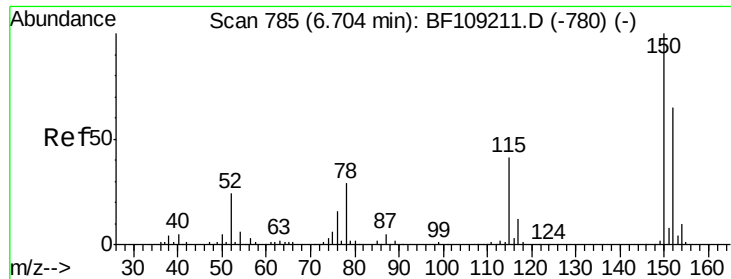
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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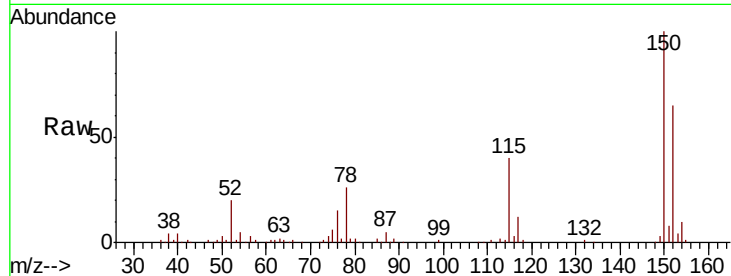




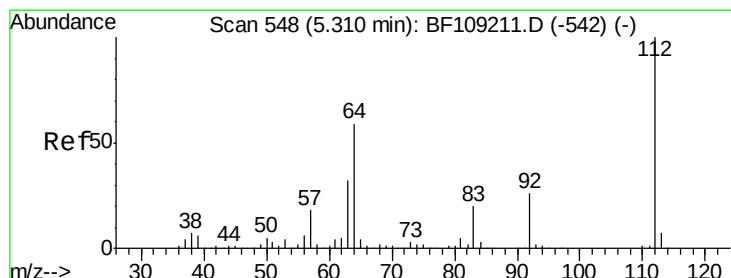
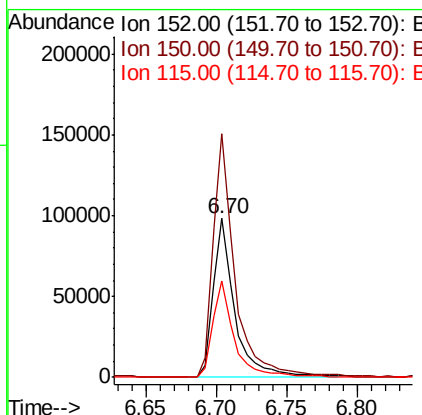
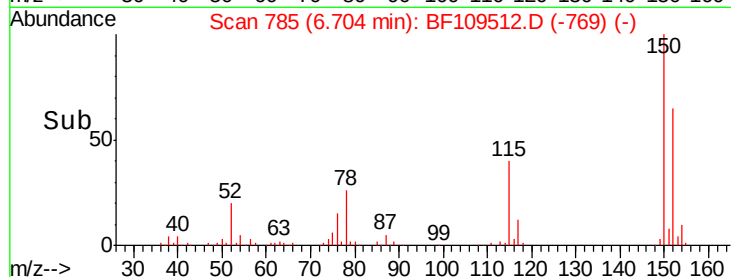
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109512.D
 Acq: 2 Oct 2018 20:00

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

Tgt Ion:152 Resp: 104800
 Ion Ratio Lower Upper
 152 100
 150 153.2 124.6 186.8
 115 60.8 50.1 75.1

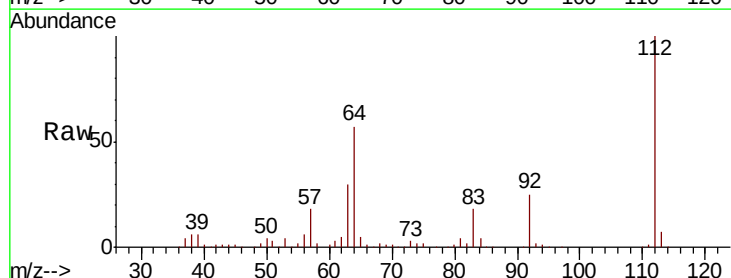


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

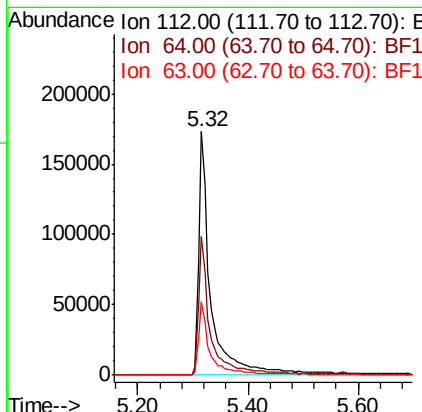
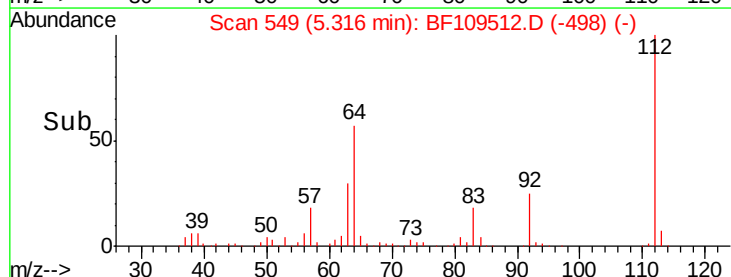


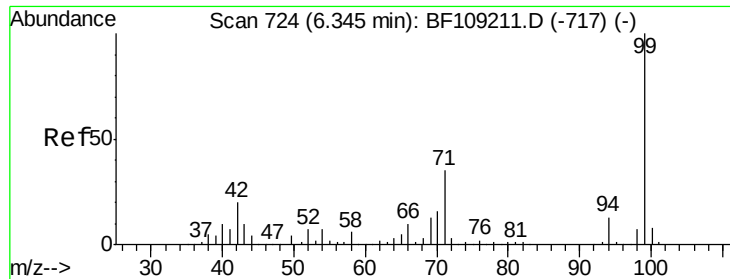
#5
 2-Fluorophenol
 Concen: 42.411 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109512.D
 Acq: 2 Oct 2018 20:00

Tgt Ion:112 Resp: 269855
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.9 71.9
 63 30.1 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: 27.019 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109512.D

Acq: 2 Oct 2018 20:00

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-U-S

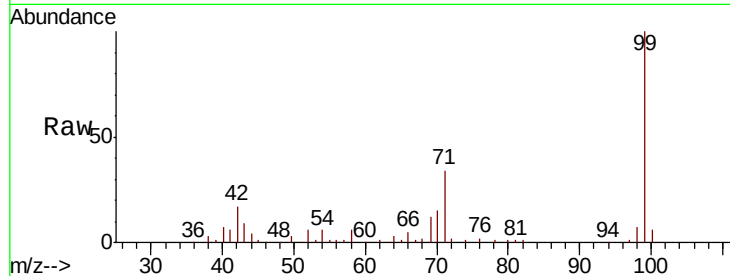
Tgt Ion: 99 Resp: 219372

Ion Ratio Lower Upper

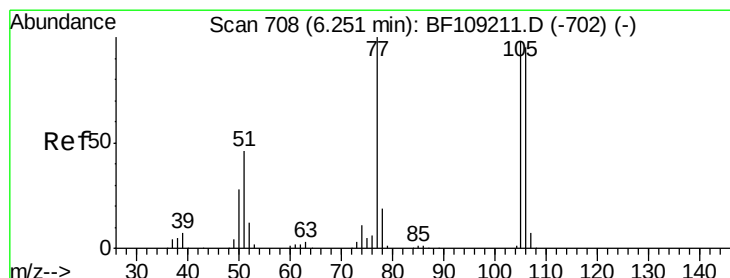
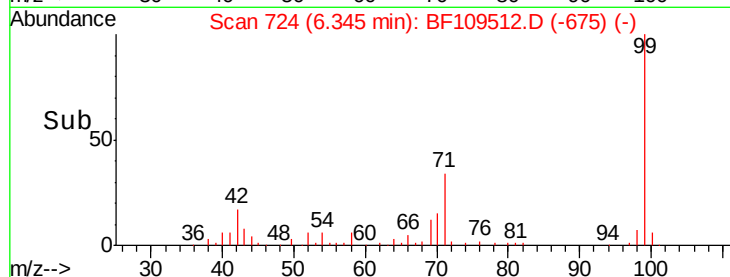
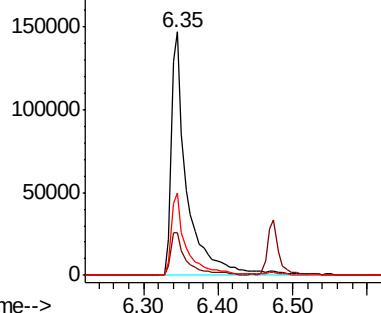
99 100

42 17.5 14.5 21.7

71 34.0 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: 2.180 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109512.D

Acq: 2 Oct 2018 20:00

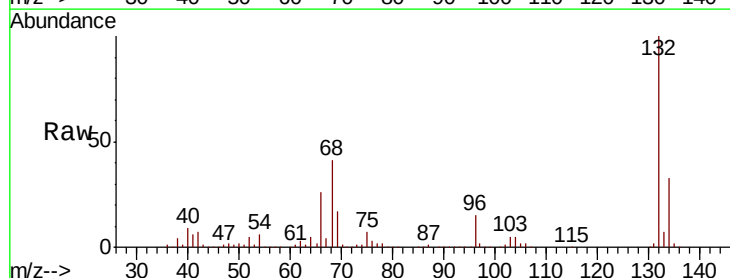
Tgt Ion: 77 Resp: 11371

Ion Ratio Lower Upper

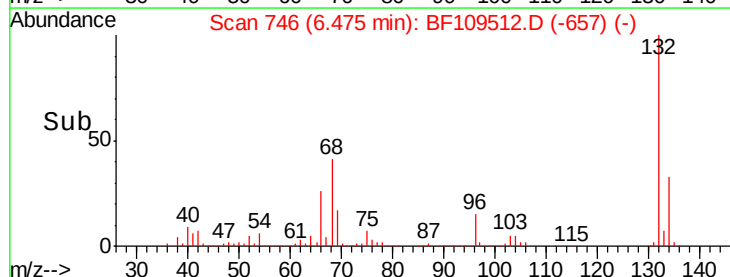
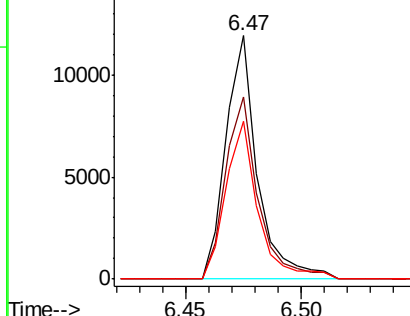
77 100

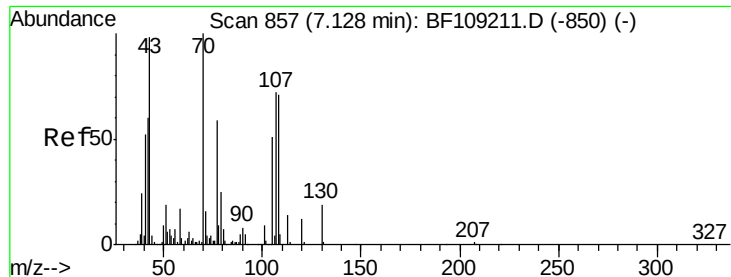
105 74.7 81.1 121.1#

106 64.6 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

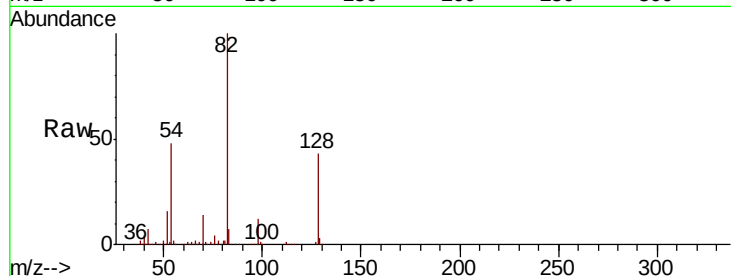




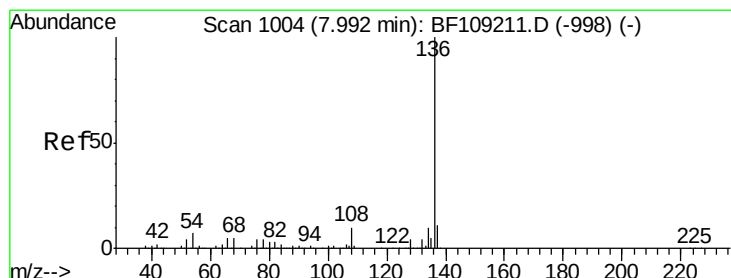
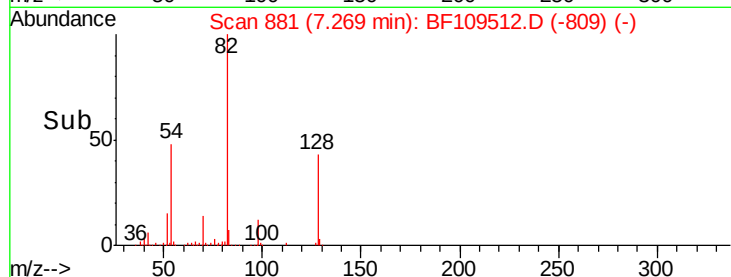
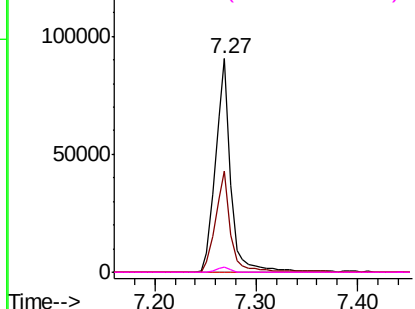
#19
n-Nitroso-di-n-propylamine
Concen: 17.816 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

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

Tgt Ion: 70 Resp: 94782
Ion Ratio Lower Upper
70 100
42 47.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

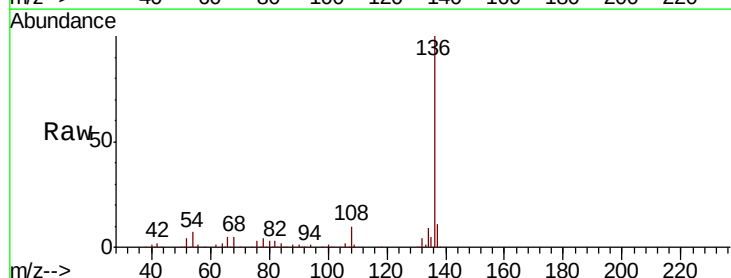


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

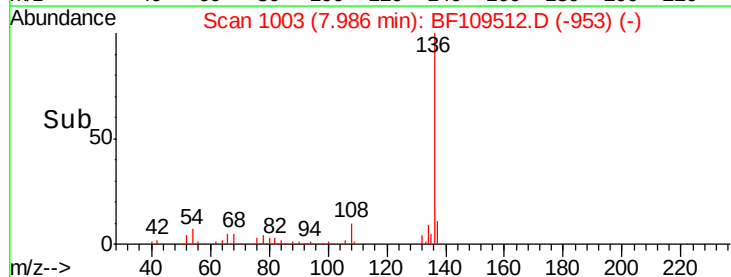
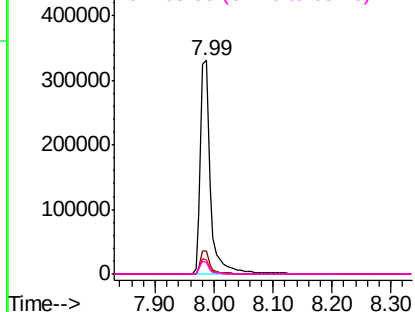


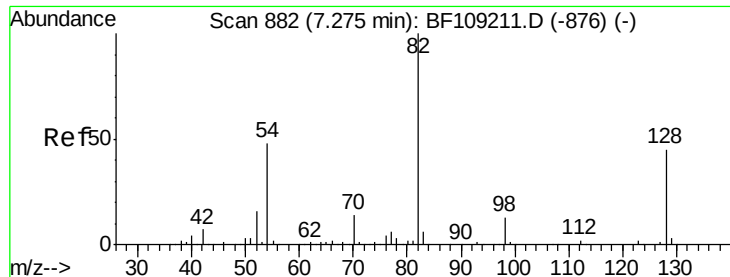
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

Tgt Ion: 136 Resp: 386533
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.6 6.6 9.8
68 5.2 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

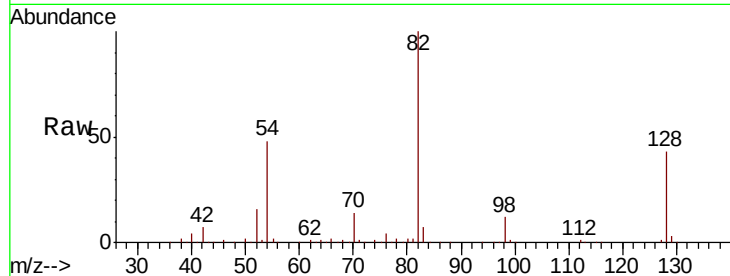




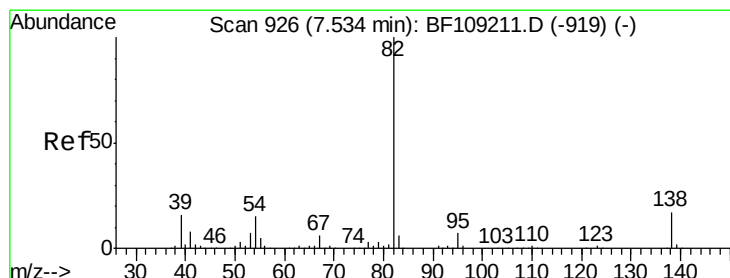
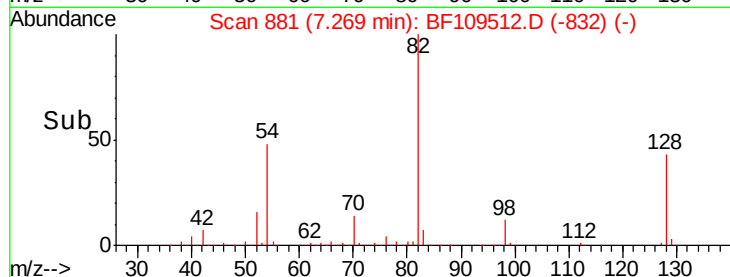
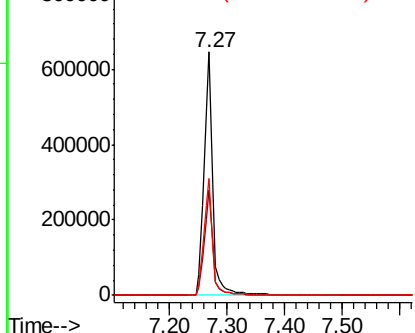
#23
Nitrobenzene-d5
Concen: 107.580 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

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

Tgt Ion: 82 Resp: 704427
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 48.1 41.4 62.2

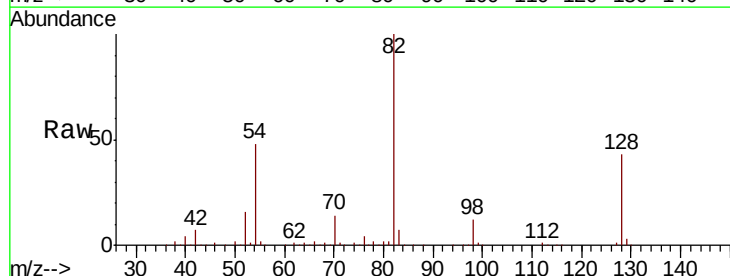


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

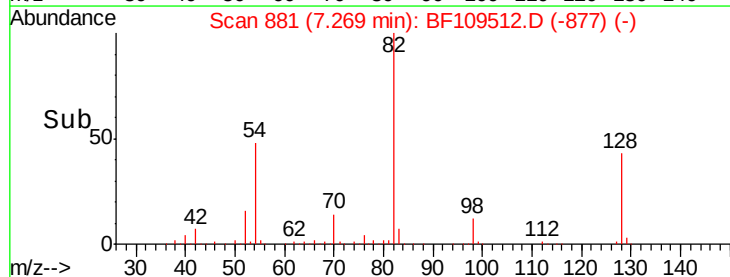
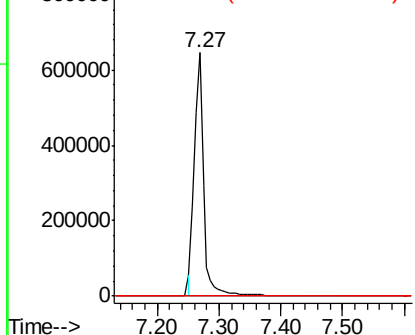


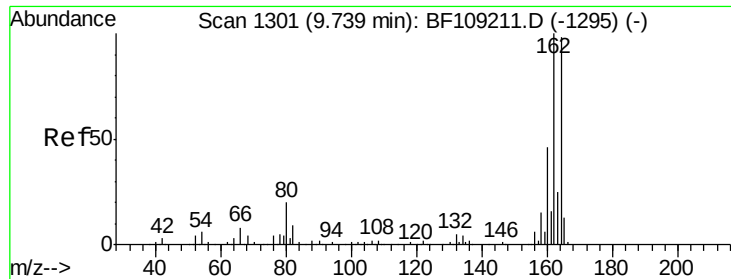
#25
Isophorone
Concen: 57.427 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

Tgt Ion: 82 Resp: 677131
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

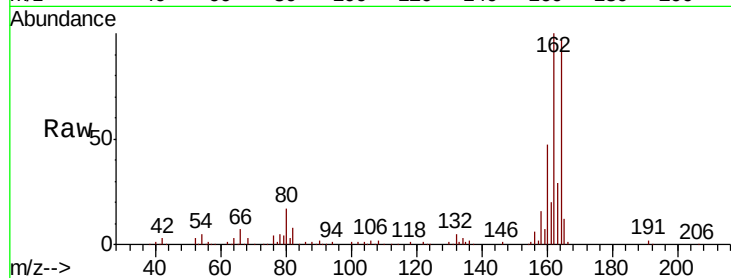




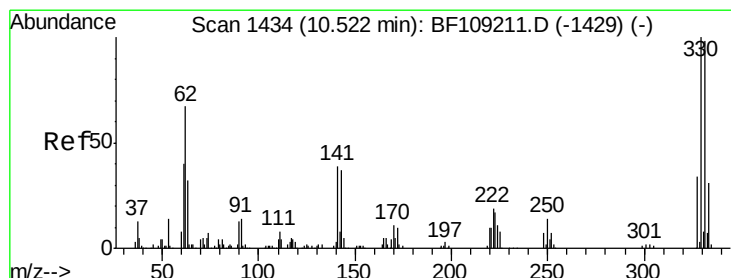
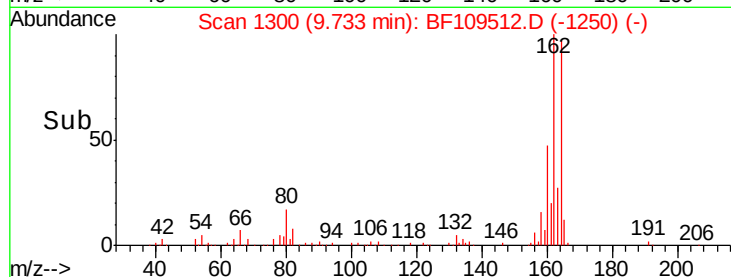
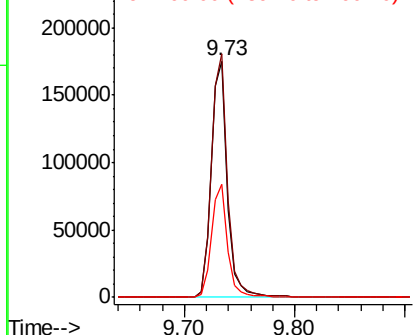
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109512.D
 Acq: 2 Oct 2018 20:00

Instrument :
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 092718-DBRI-F-U-S

Tgt Ion:164 Resp: 172579
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 48.0 38.3 57.5

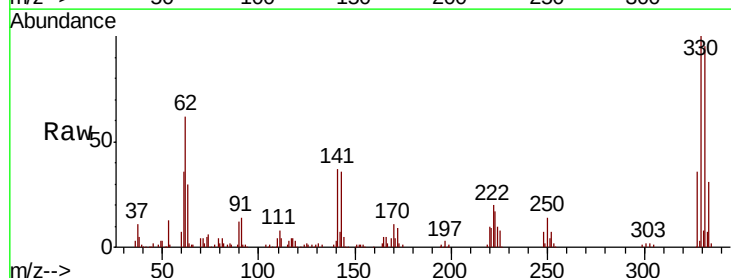


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

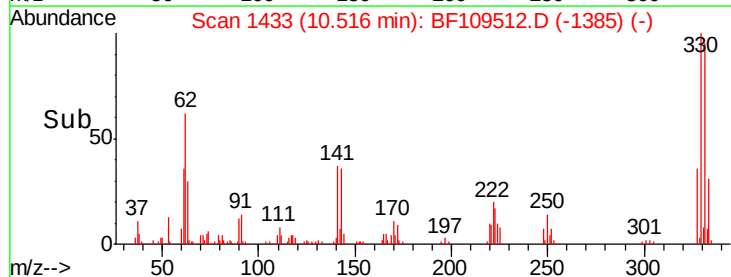
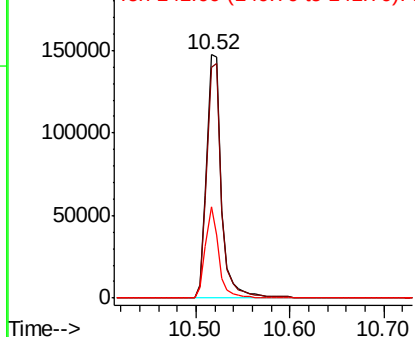


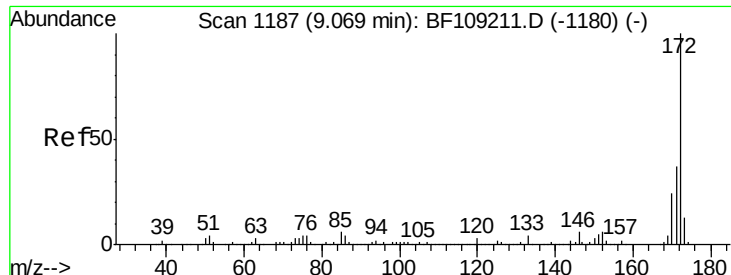
#41
 2,4,6-Tribromophenol
 Concen: 97.467 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109512.D
 Acq: 2 Oct 2018 20:00

Tgt Ion:330 Resp: 165818
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.3 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

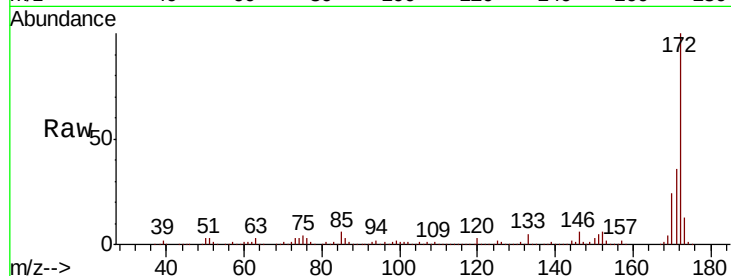




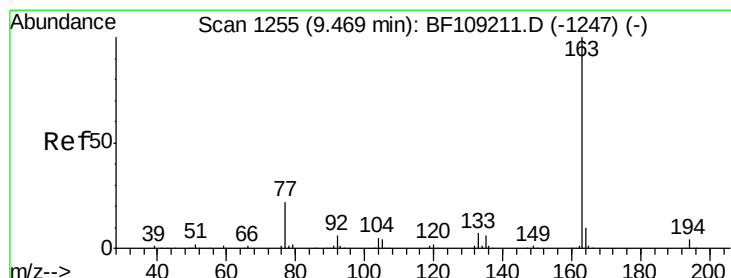
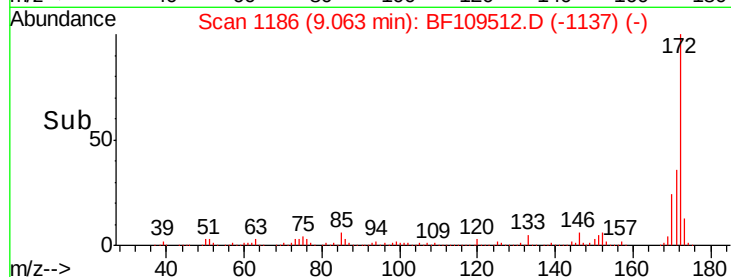
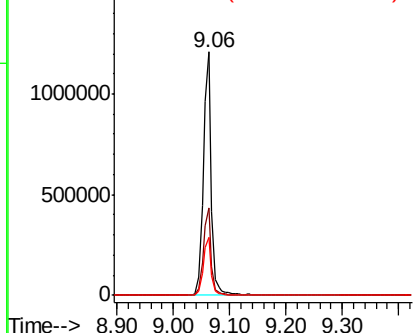
#44
2-Fluorobiphenyl
Concen: 104.095 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

Instrument :
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Tgt Ion:172 Resp: 1191137
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.9 19.6 29.4

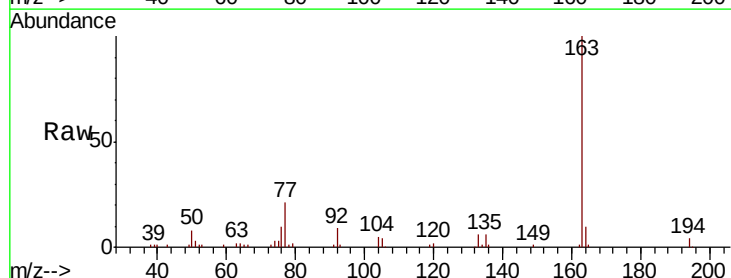


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

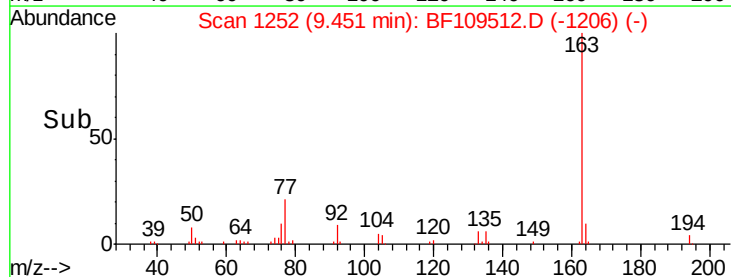
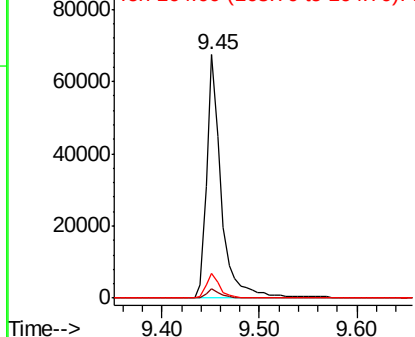


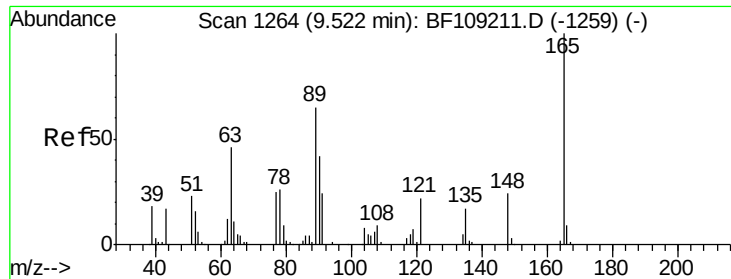
#49
Dimethylphthalate
Concen: 5.583 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

Tgt Ion:163 Resp: 70083
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 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

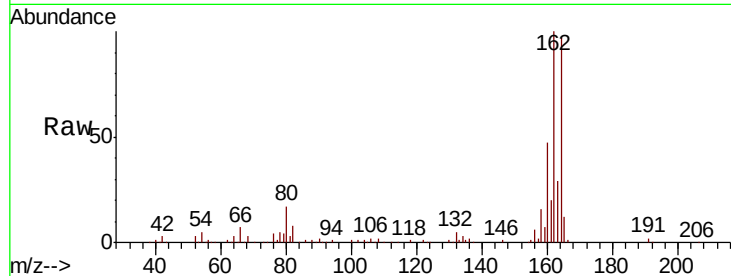




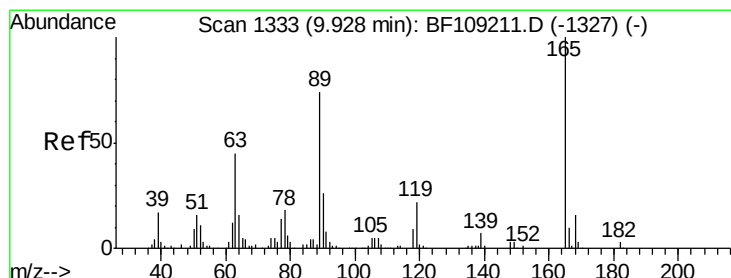
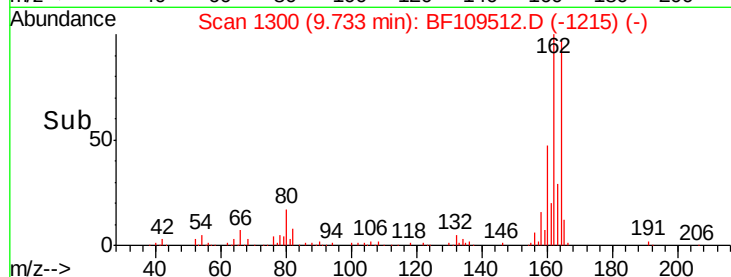
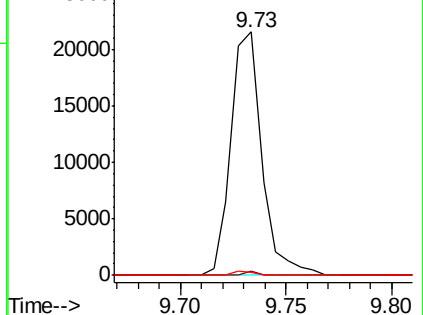
#50
 2,6-Dinitrotoluene
 Concen: 8.747 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109512.D
 Acq: 2 Oct 2018 20:00

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

Tgt Ion:165 Resp: 21746
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.7 67.1#
 89 1.4 44.0 66.0#

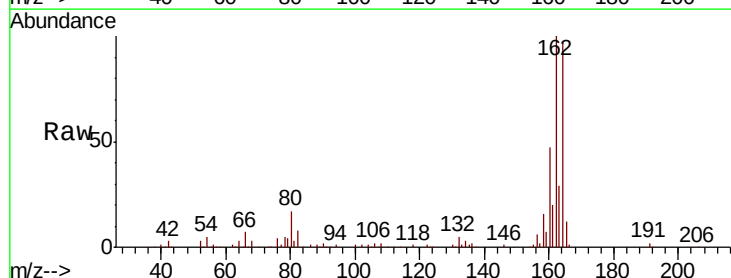


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

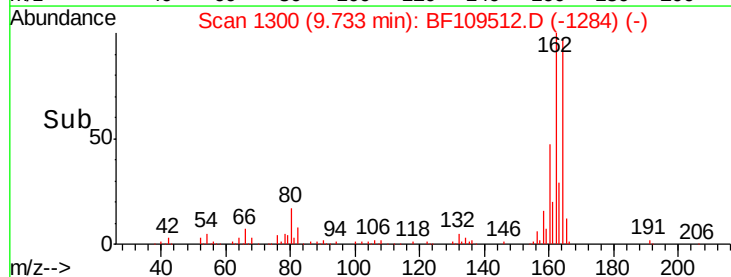
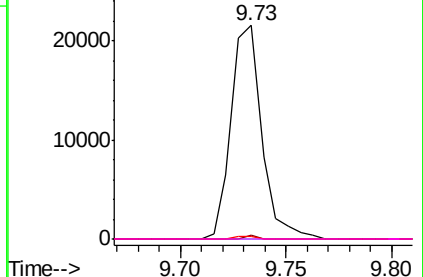


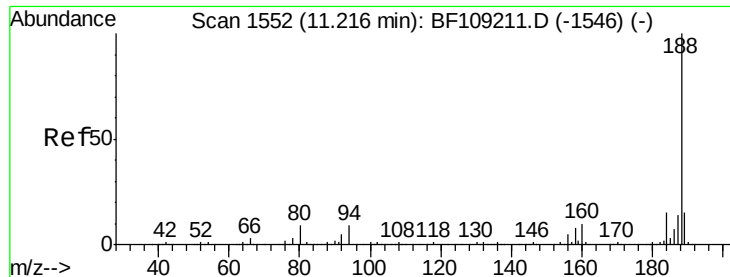
#56
 2,4-Dinitrotoluene
 Concen: 6.913 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109512.D
 Acq: 2 Oct 2018 20:00

Tgt Ion:165 Resp: 21746
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.4 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

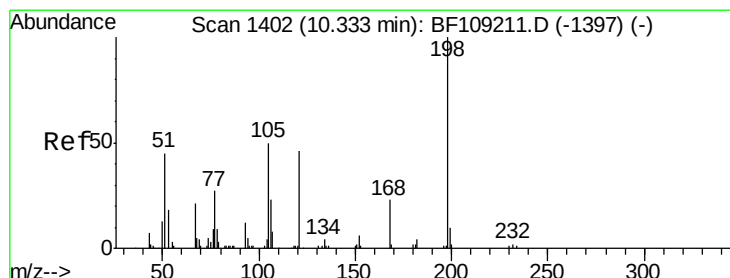
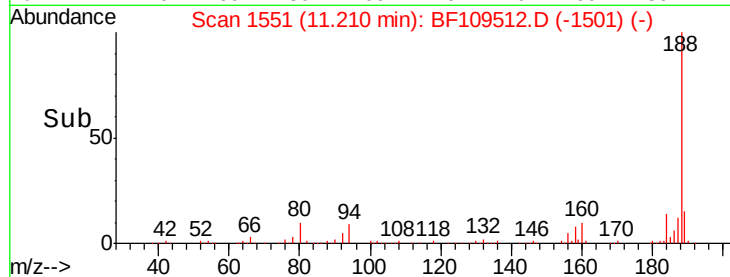
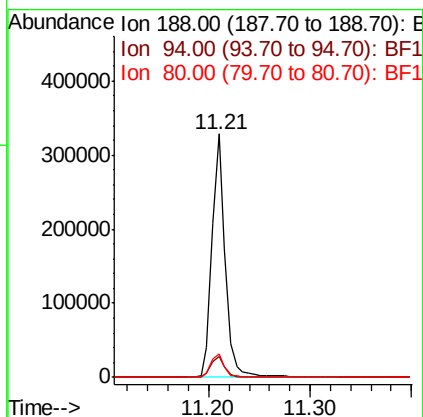
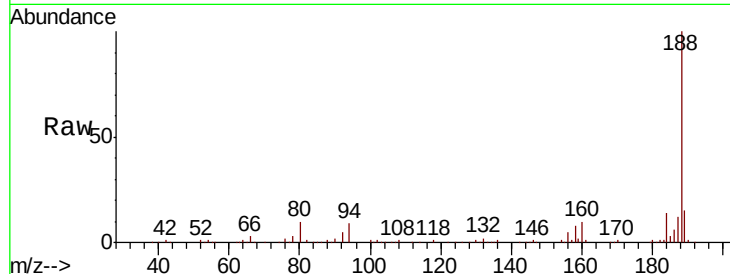




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

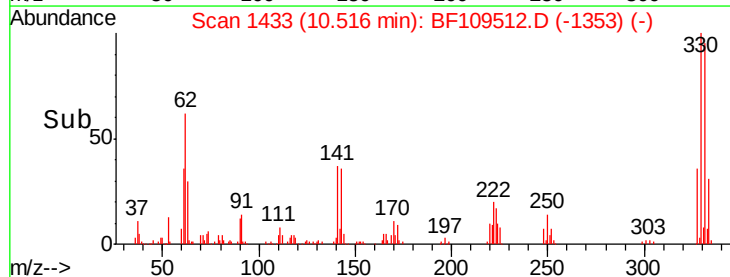
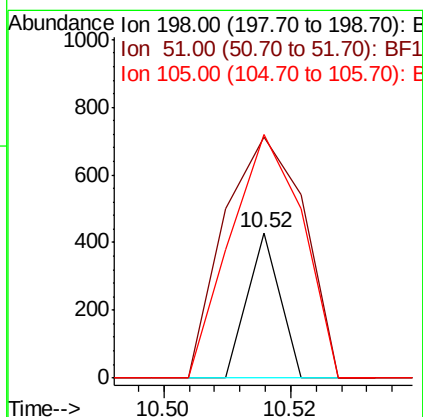
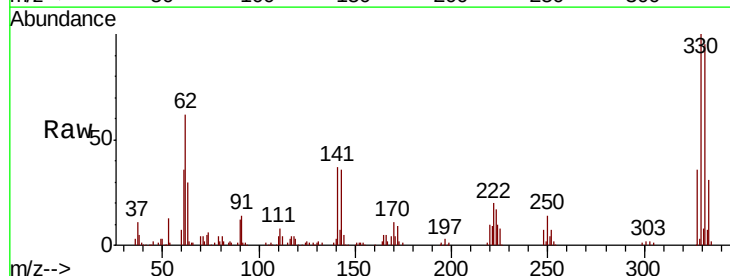
Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-U-S

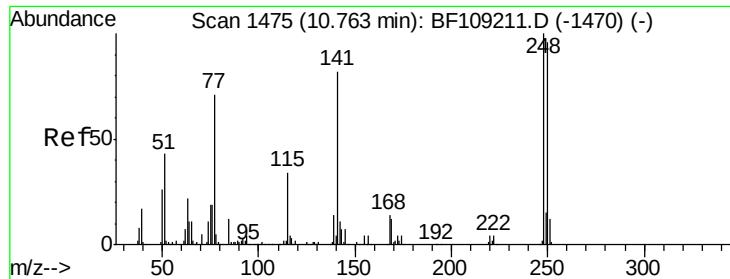
Tgt Ion:188 Resp: 297023
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.630 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

Tgt Ion:198 Resp: 152
Ion Ratio Lower Upper
198 100
51 165.3 37.7 77.7#
105 167.2 36.3 76.3#

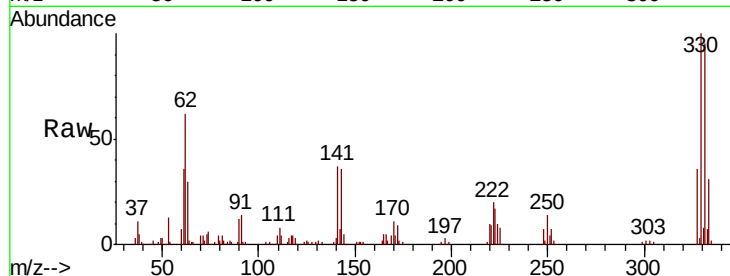




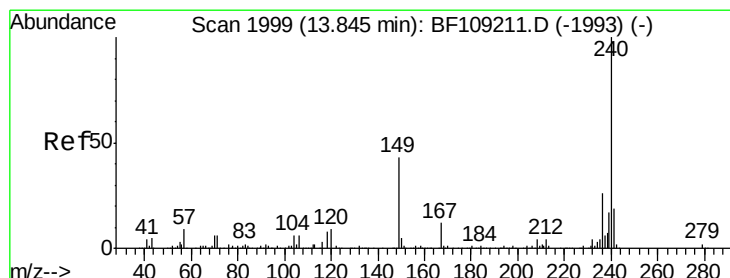
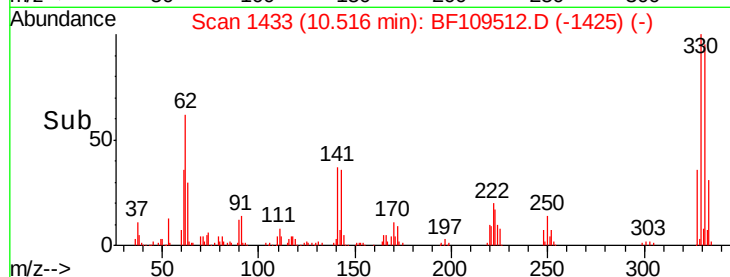
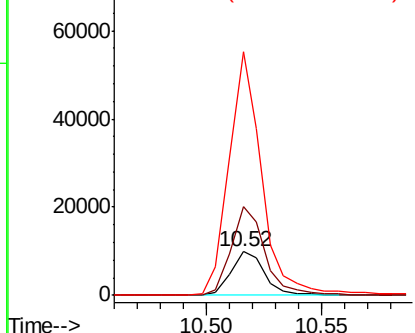
#66
4-Bromophenyl-phenylether
Concen: 3.059 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

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

Tgt Ion:248 Resp: 10089
Ion Ratio Lower Upper
248 100
250 203.4 76.9 115.3#
141 557.7 74.4 111.6#

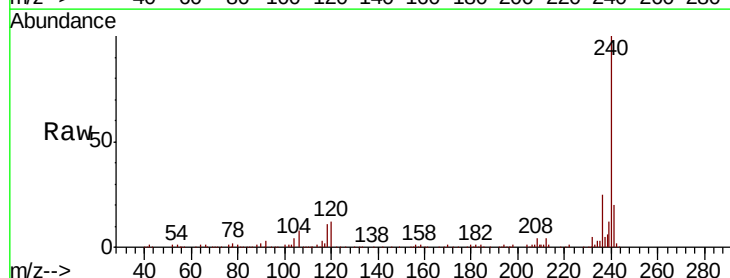


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

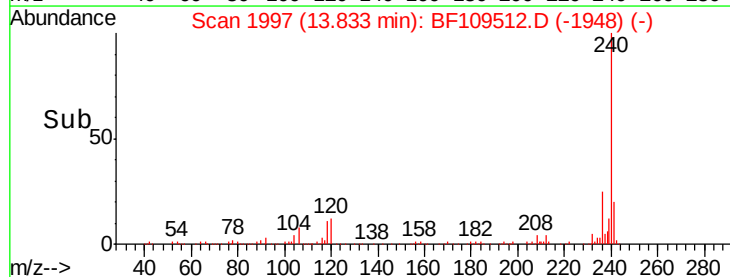
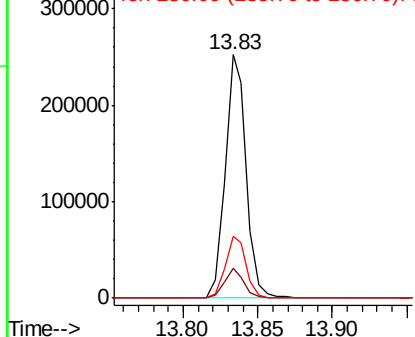


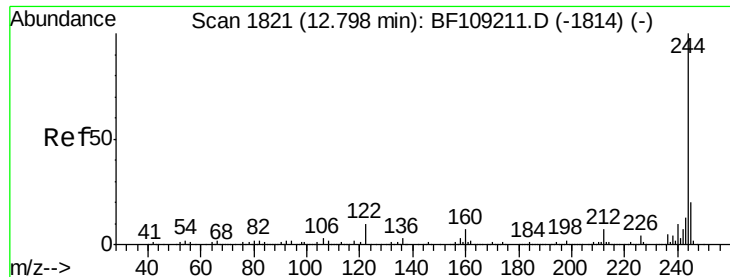
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

Tgt Ion:240 Resp: 248413
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.4 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

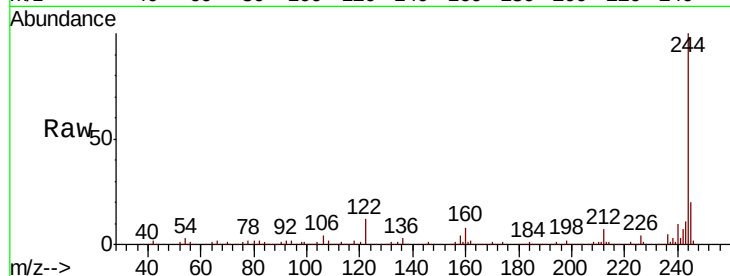




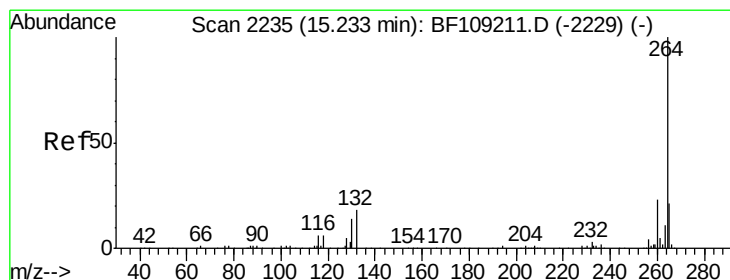
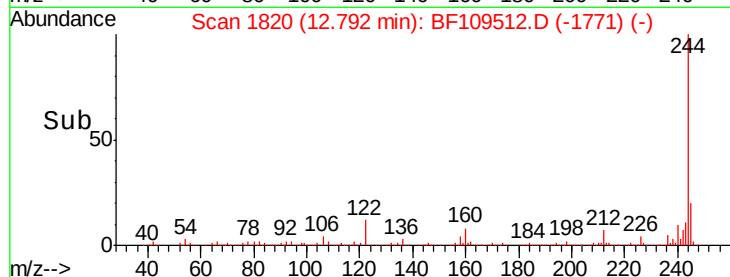
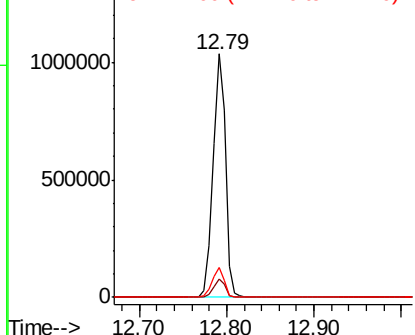
#78
 Terphenyl-d14
 Concen: 101.403 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109512.D
 Acq: 2 Oct 2018 20:00

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

Tgt Ion:244 Resp: 1026407
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 12.3 11.0 16.4

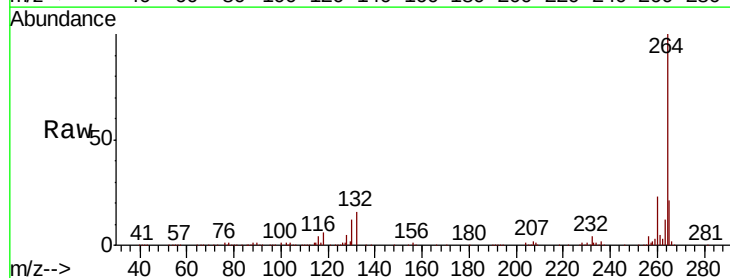


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109512.D
 Acq: 2 Oct 2018 20:00

Tgt Ion:264 Resp: 261337
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.1 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

