

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
 Data File : BF109598.D
 Acq On : 4 Oct 2018 20:18
 Operator : JU/SJ
 Sample : J5241-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100218-DBRI-E-D-B

Quant Time: Oct 05 01:31:26 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	95659	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	368601	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	165783	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	260553	20.00	ng	0.00
75) Chrysene-d12	13.84	240	211861	20.00	ng	0.00
86) Perylene-d12	15.24	264	224257	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	234049	40.30	ng	0.00
7) Phenol-d6	6.34	99	198084	26.73	ng	-0.02
23) Nitrobenzene-d5	7.27	82	668137	107.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	152749	93.47	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1140142	103.72	ng	-0.01
78) Terphenyl-d14	12.79	244	835263	96.76	ng	-0.01

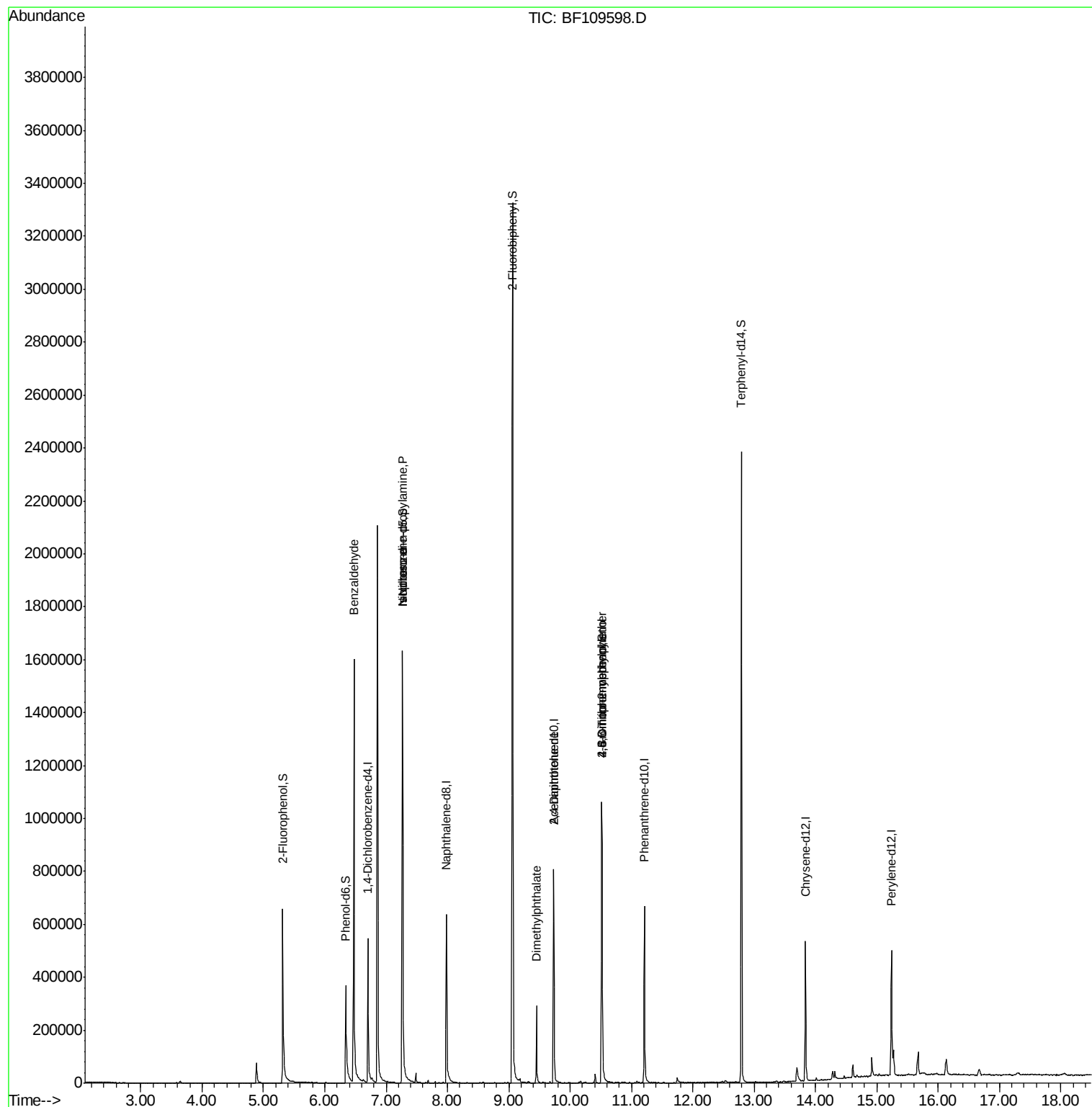
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	10640	2.235	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	91158	18.772	ng	# 77
25) Isophorone	7.27	82	651233	57.918	ng	# 64
49) Dimethylphthalate	9.45	163	117300	9.728	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	20352	6.735	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.52	198	295	6.764	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9167	3.168	ng	# 1

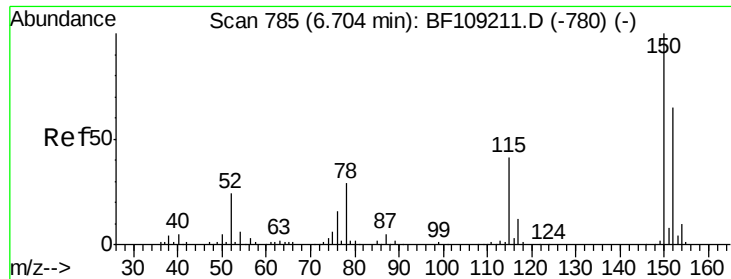
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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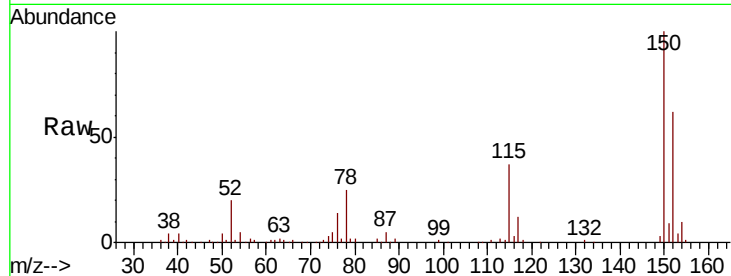




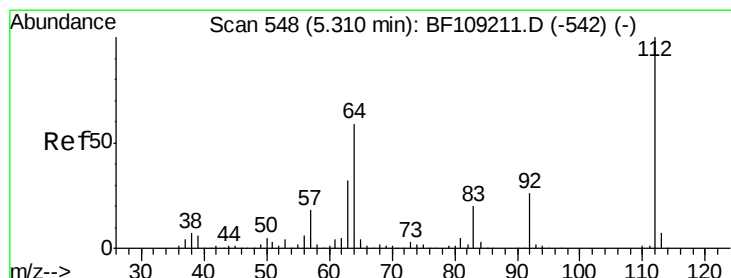
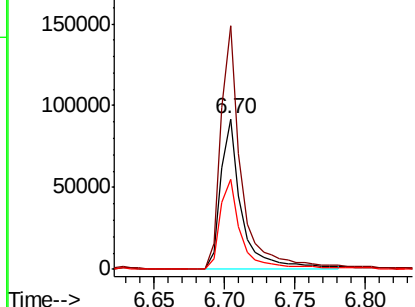
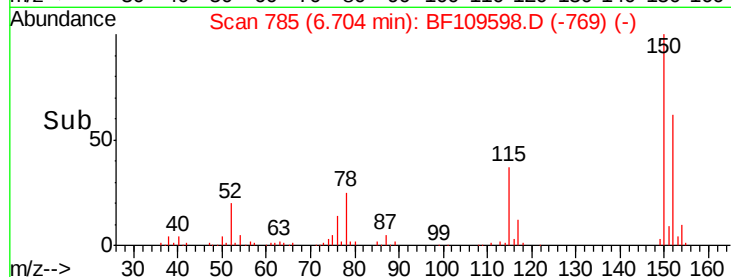
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109598.D
 Acq: 4 Oct 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 100218-DBRI-E-D-B

Tgt Ion:152 Resp: 95659
 Ion Ratio Lower Upper
 152 100
 150 161.7 124.6 186.8
 115 60.2 50.1 75.1

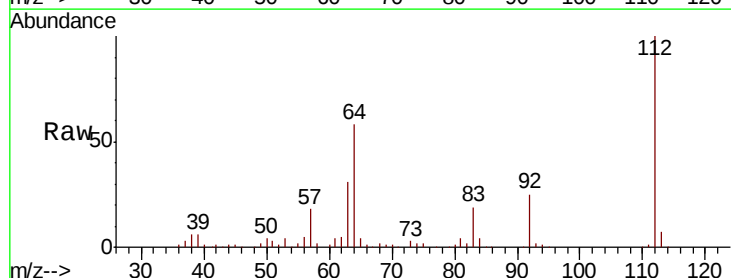


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

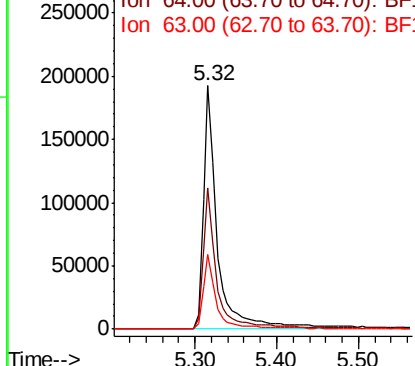
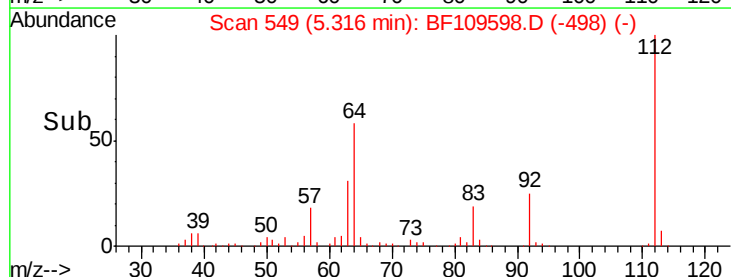


#5
 2-Fluorophenol
 Concen: 40.299 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109598.D
 Acq: 4 Oct 2018 20:18

Tgt Ion:112 Resp: 234049
 Ion Ratio Lower Upper
 112 100
 64 57.8 47.9 71.9
 63 30.7 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: 26.728 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109598.D

Acq: 4 Oct 2018 20:18

Instrument :

BNA_F

ClientSampleId :

100218-DBRI-E-D-B

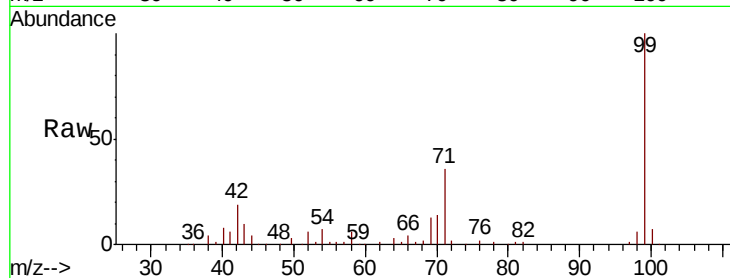
Tgt Ion: 99 Resp: 198084

Ion Ratio Lower Upper

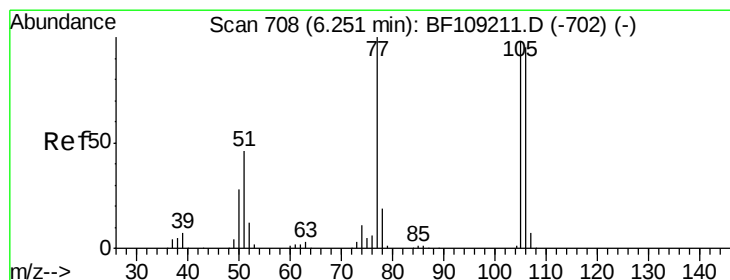
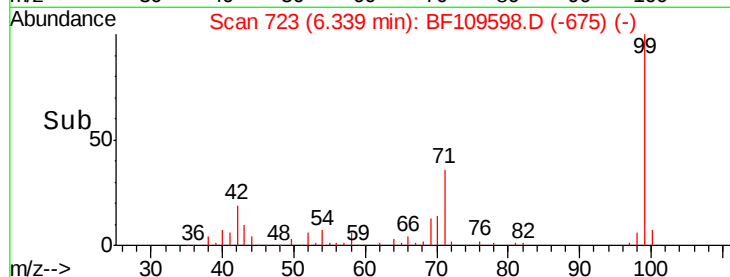
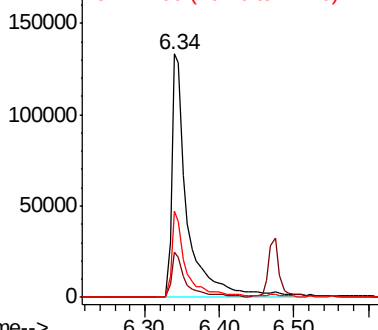
99 100

42 18.5 14.5 21.7

71 35.6 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: 2.235 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109598.D

Acq: 4 Oct 2018 20:18

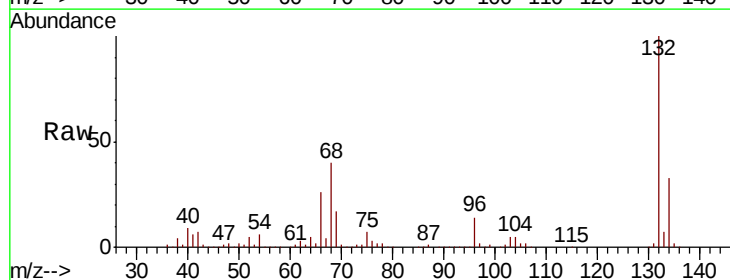
Tgt Ion: 77 Resp: 10640

Ion Ratio Lower Upper

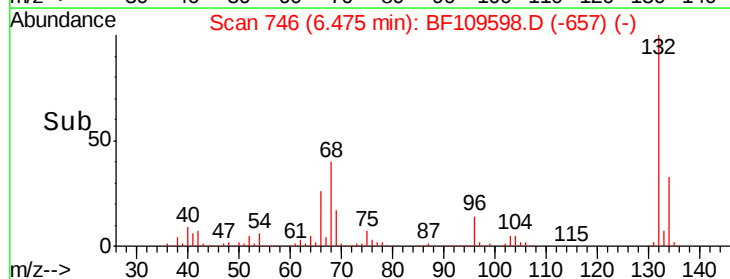
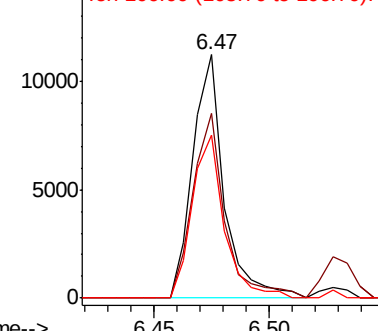
77 100

105 75.6 81.1 121.1#

106 67.1 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

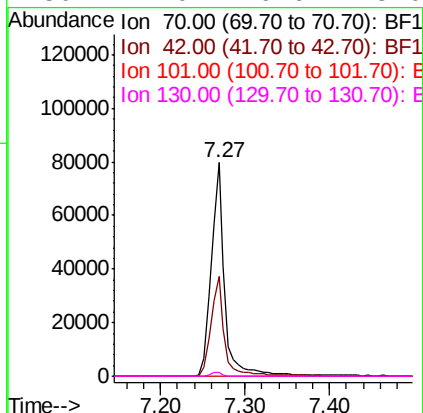
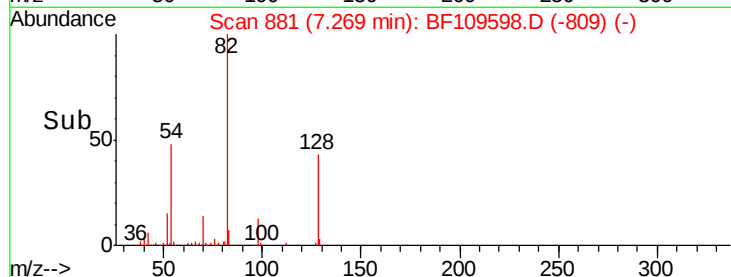
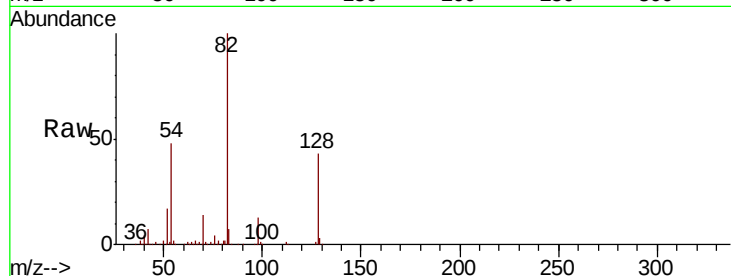




#19
n-Nitroso-di-n-propylamine
Concen: 18.772 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

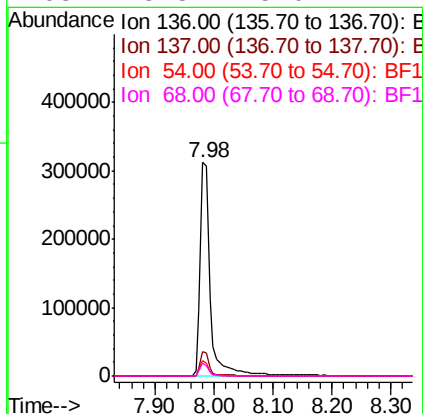
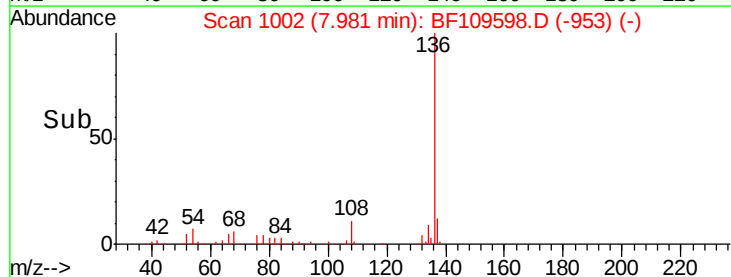
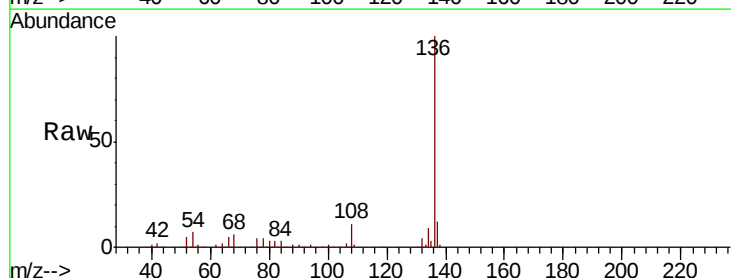
Instrument :
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ClientSampleId :
100218-DBRI-E-D-B

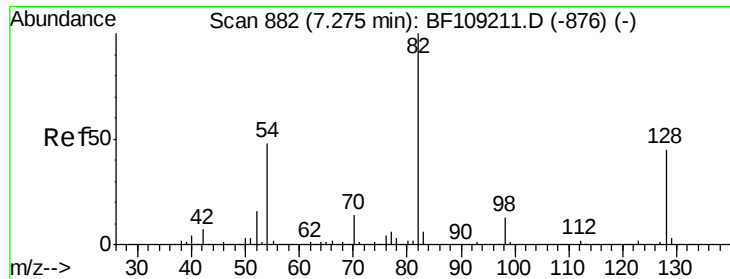
Tgt Ion: 70 Resp: 91158
Ion Ratio Lower Upper
70 100
42 46.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion: 136 Resp: 368601
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 7.5 6.6 9.8
68 5.8 5.0 7.4

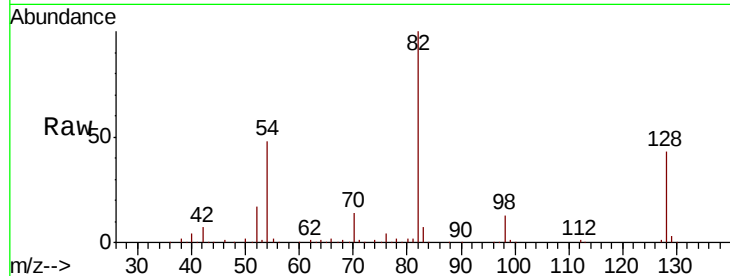




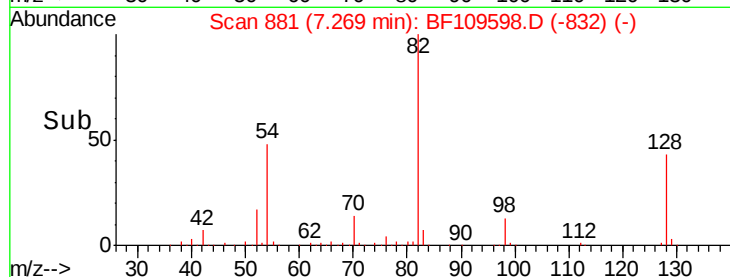
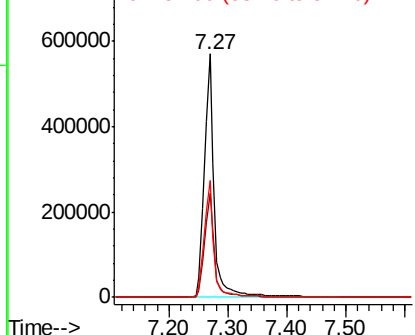
#23
Nitrobenzene-d5
Concen: 107.002 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion: 82 Resp: 668137
Ion Ratio Lower Upper
82 100
128 42.9 36.1 54.1
54 48.0 41.4 62.2

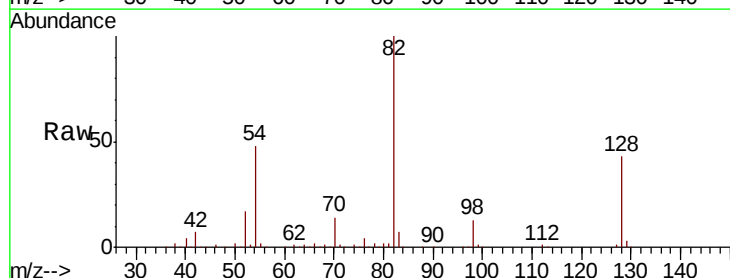


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

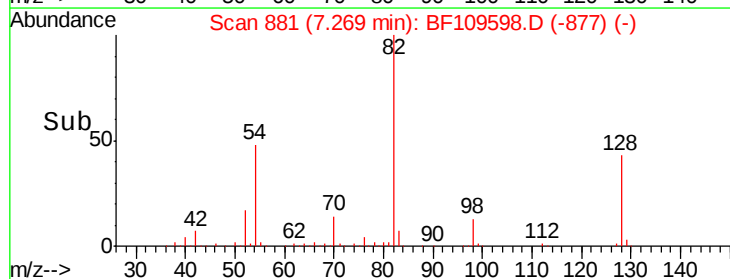
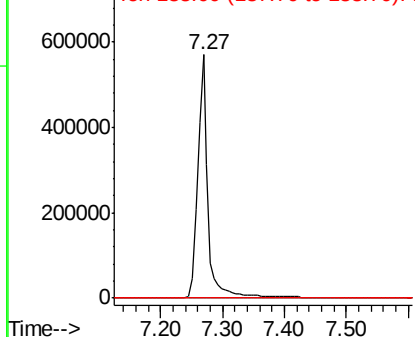


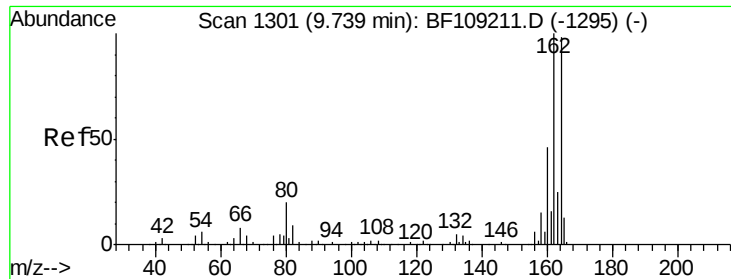
#25
Isophorone
Concen: 57.918 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion: 82 Resp: 651233
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

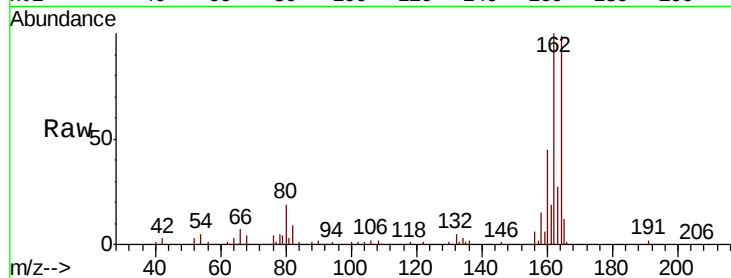




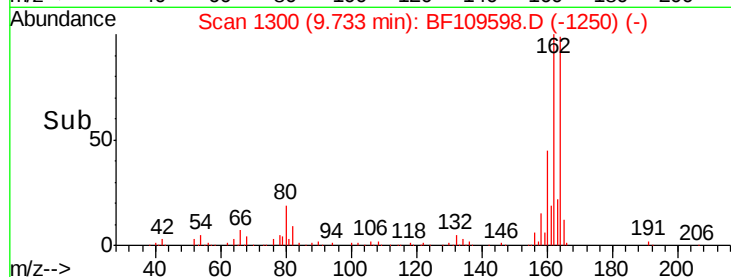
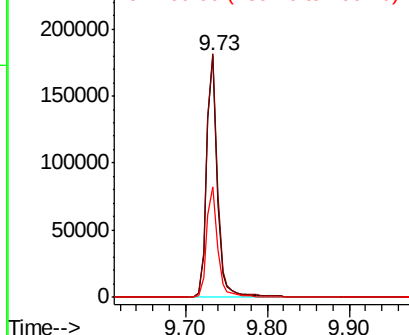
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109598.D
 Acq: 4 Oct 2018 20:18

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 100218-DBRI-E-D-B

Tgt Ion:164 Resp: 165783
 Ion Ratio Lower Upper
 164 100
 162 100.8 86.1 129.1
 160 45.8 38.3 57.5

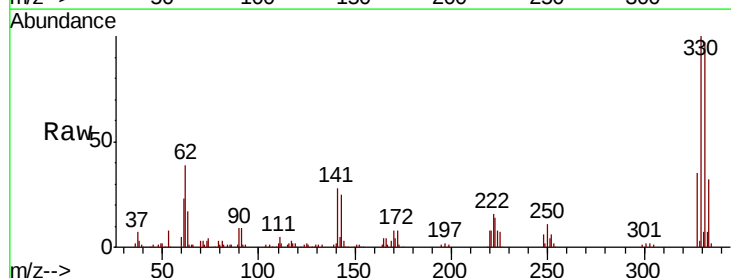


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

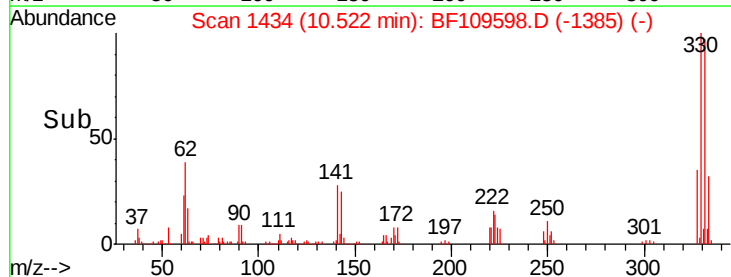
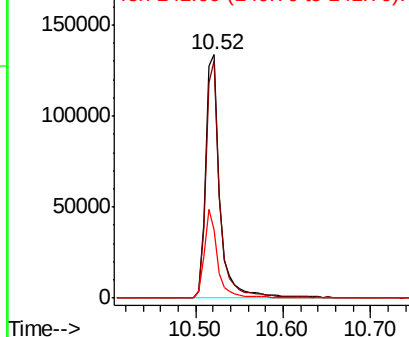


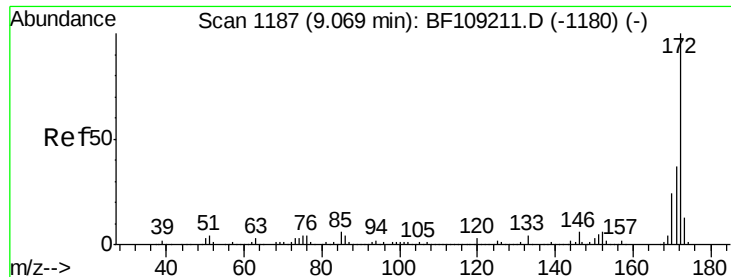
#41
 2,4,6-Tribromophenol
 Concen: 93.466 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109598.D
 Acq: 4 Oct 2018 20:18

Tgt Ion:330 Resp: 152749
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 33.5 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

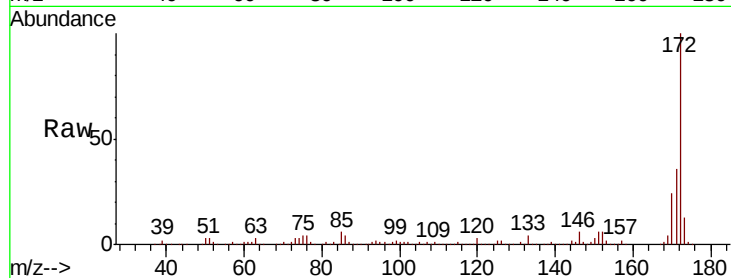




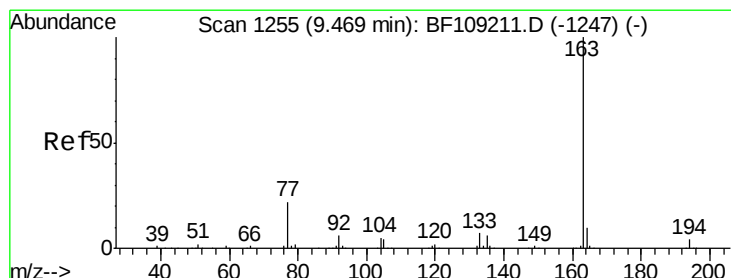
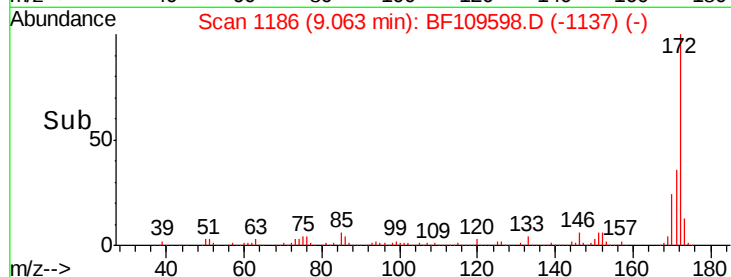
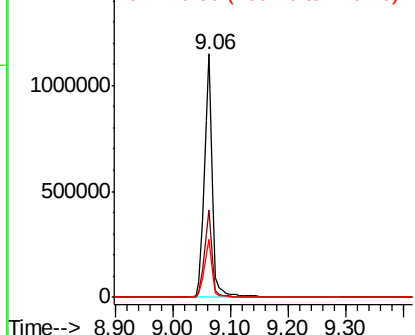
#44
 2-Fluorobiphenyl
 Concen: 103.723 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109598.D
 Acq: 4 Oct 2018 20:18

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 100218-DBRI-E-D-B

Tgt Ion:172 Resp: 1140142
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.8 19.6 29.4

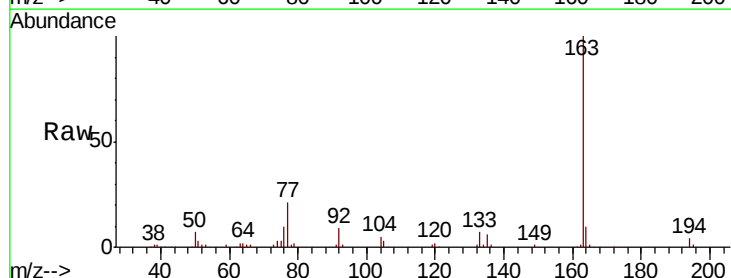


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

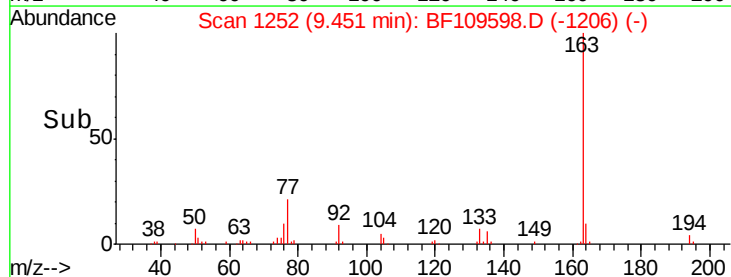
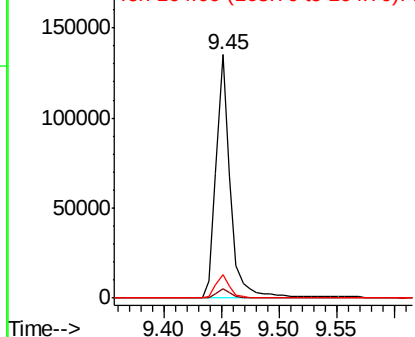


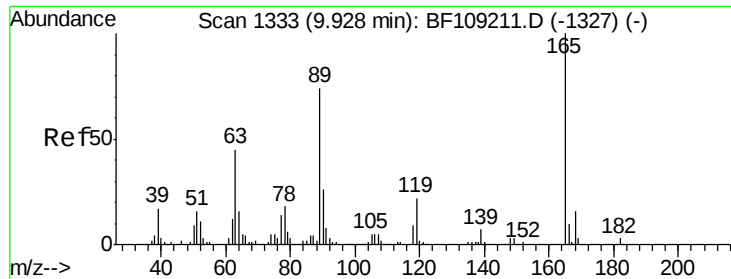
#49
 Dimethylphthalate
 Concen: 9.728 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109598.D
 Acq: 4 Oct 2018 20:18

Tgt Ion:163 Resp: 117300
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 9.7 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

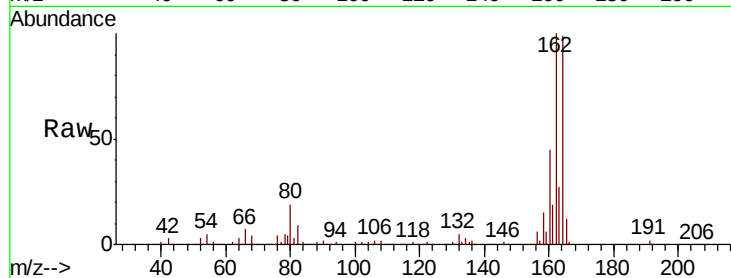




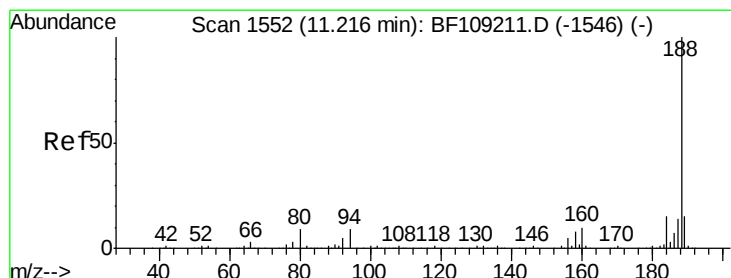
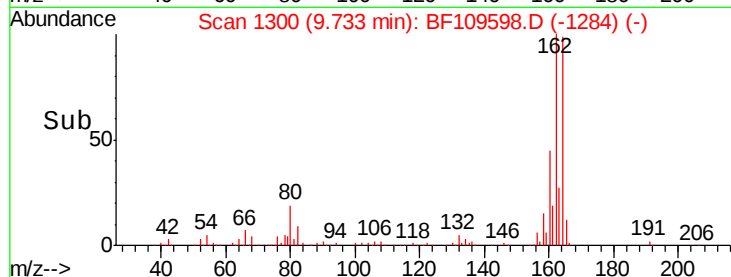
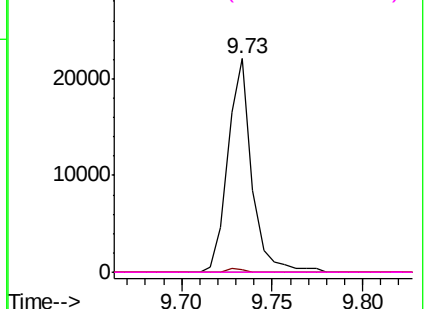
#56
2,4-Dinitrotoluene
Concen: 6.735 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion:165 Resp: 20352
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

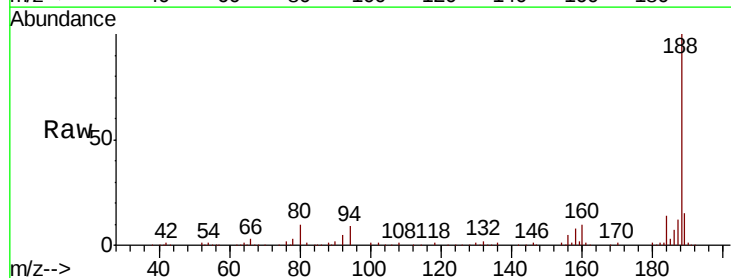


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

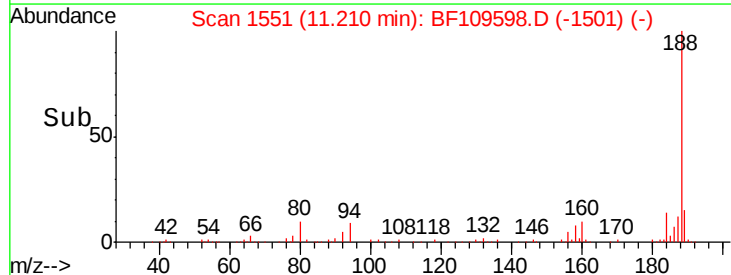
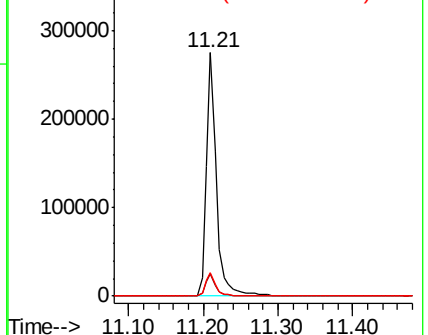


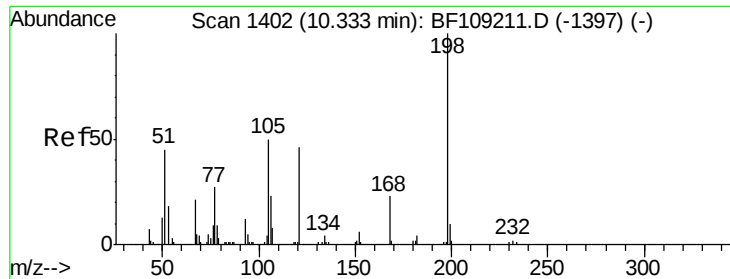
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion:188 Resp: 260553
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.7 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

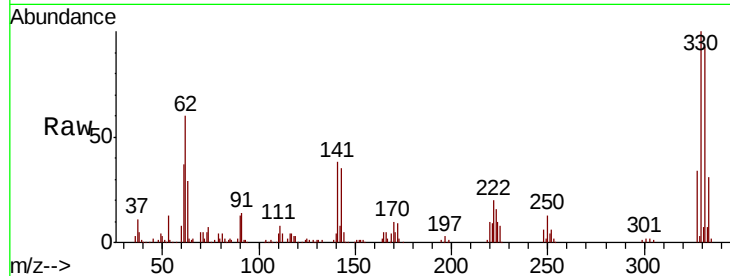




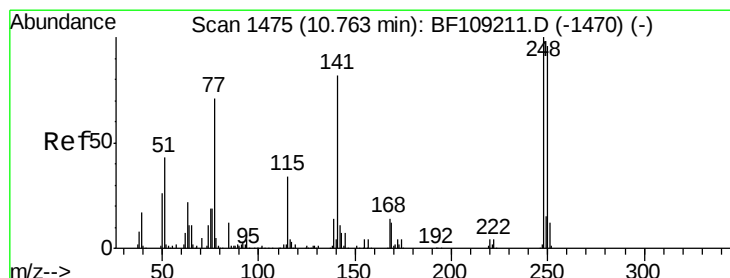
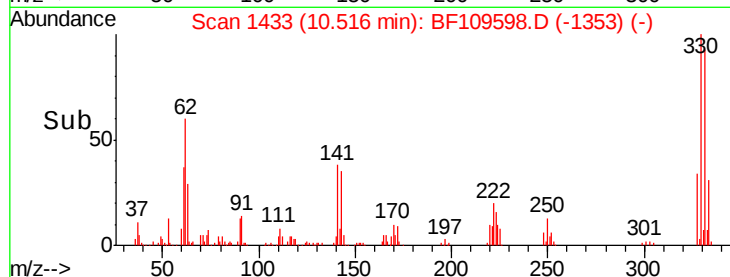
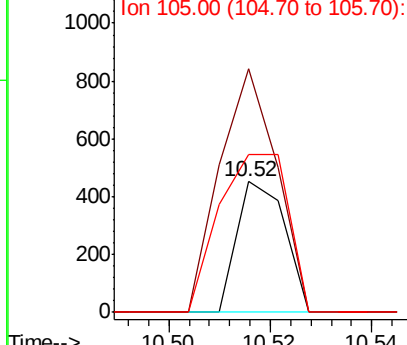
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.764 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109598.D
 Acq: 4 Oct 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 100218-DBRI-E-D-B

Tgt Ion:198 Resp: 295
 Ion Ratio Lower Upper
 198 100
 51 186.3 37.7 77.7#
 105 121.2 36.3 76.3#

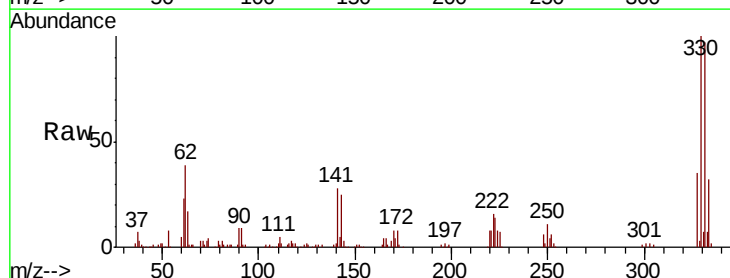


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

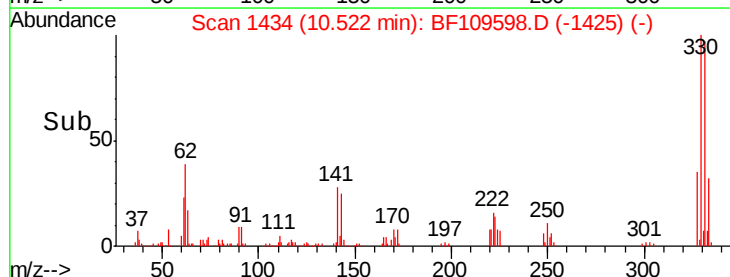
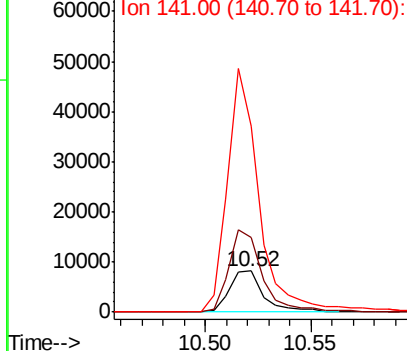


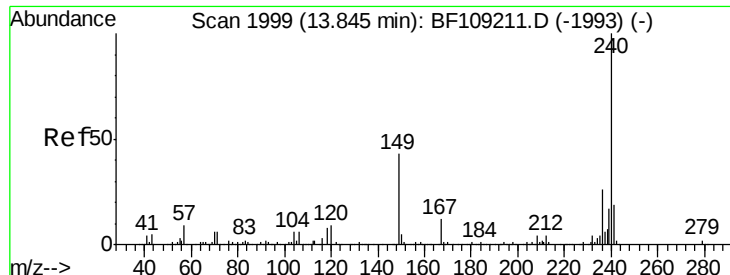
#66
 4-Bromophenyl-phenylether
 Concen: 3.168 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109598.D
 Acq: 4 Oct 2018 20:18

Tgt Ion:248 Resp: 9167
 Ion Ratio Lower Upper
 248 100
 250 182.4 76.9 115.3#
 141 455.0 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

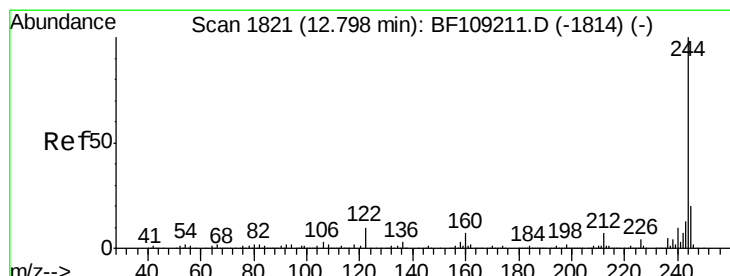
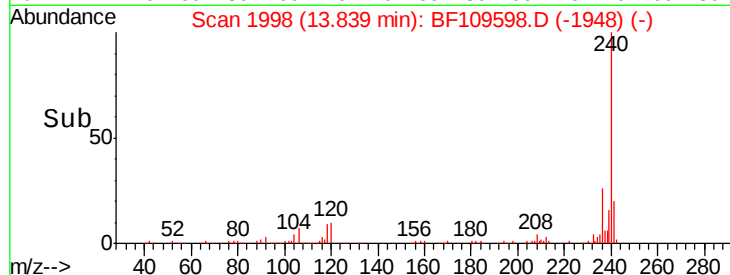
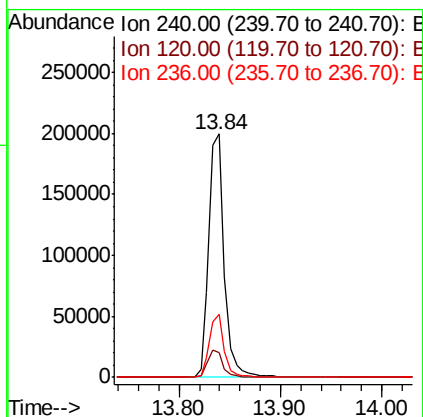
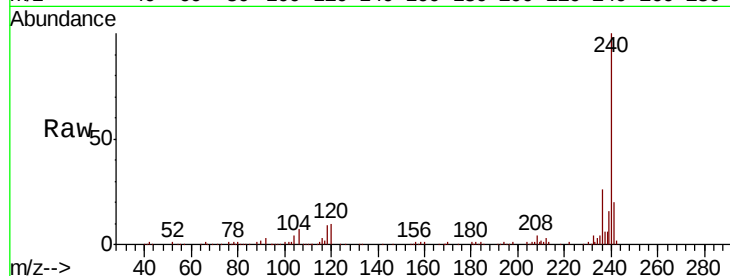




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

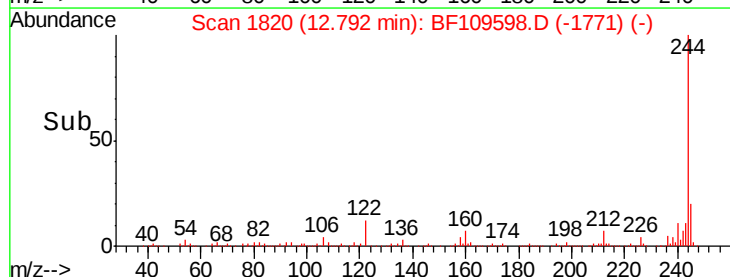
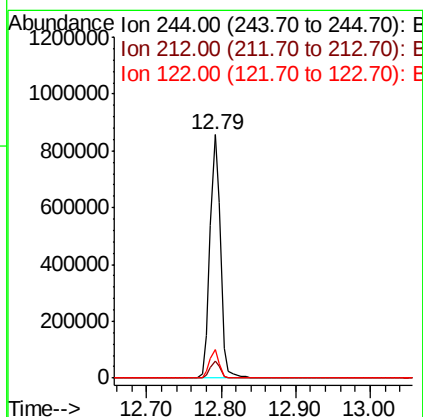
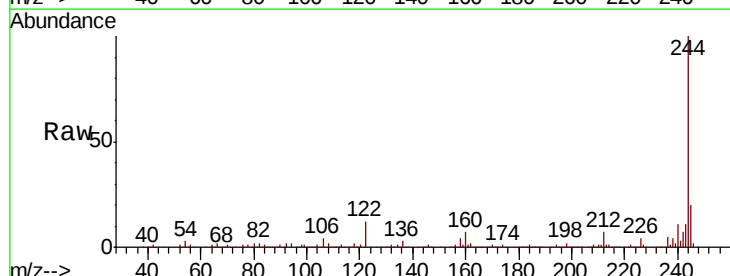
Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

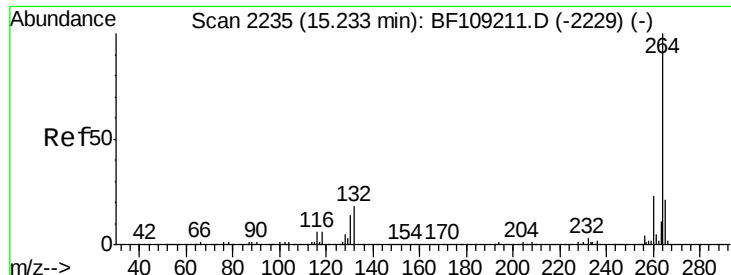
Tgt Ion:240 Resp: 211861
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.0 20.7 31.1



#78
Terphenyl-d14
Concen: 96.756 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion:244 Resp: 835263
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.6 11.0 16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3

