

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109018.D
 Acq On : 15 Sep 2018 1:51
 Operator : JU/SJ
 Sample : J4901-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091218-TIPC-F-U-S

Quant Time: Sep 15 06:54:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	168629	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	648154	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	320666	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	632141	20.00	ng	0.00
75) Chrysene-d12	13.85	240	446595	20.00	ng	-0.01
86) Perylene-d12	15.25	264	408945	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	430669	42.42	ng	0.00
7) Phenol-d6	6.34	99	376909	28.79	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1022245	88.46	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	312952	89.93	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1728031	84.43	ng	0.00
78) Terphenyl-d14	12.81	244	1871750	99.34	ng	0.00

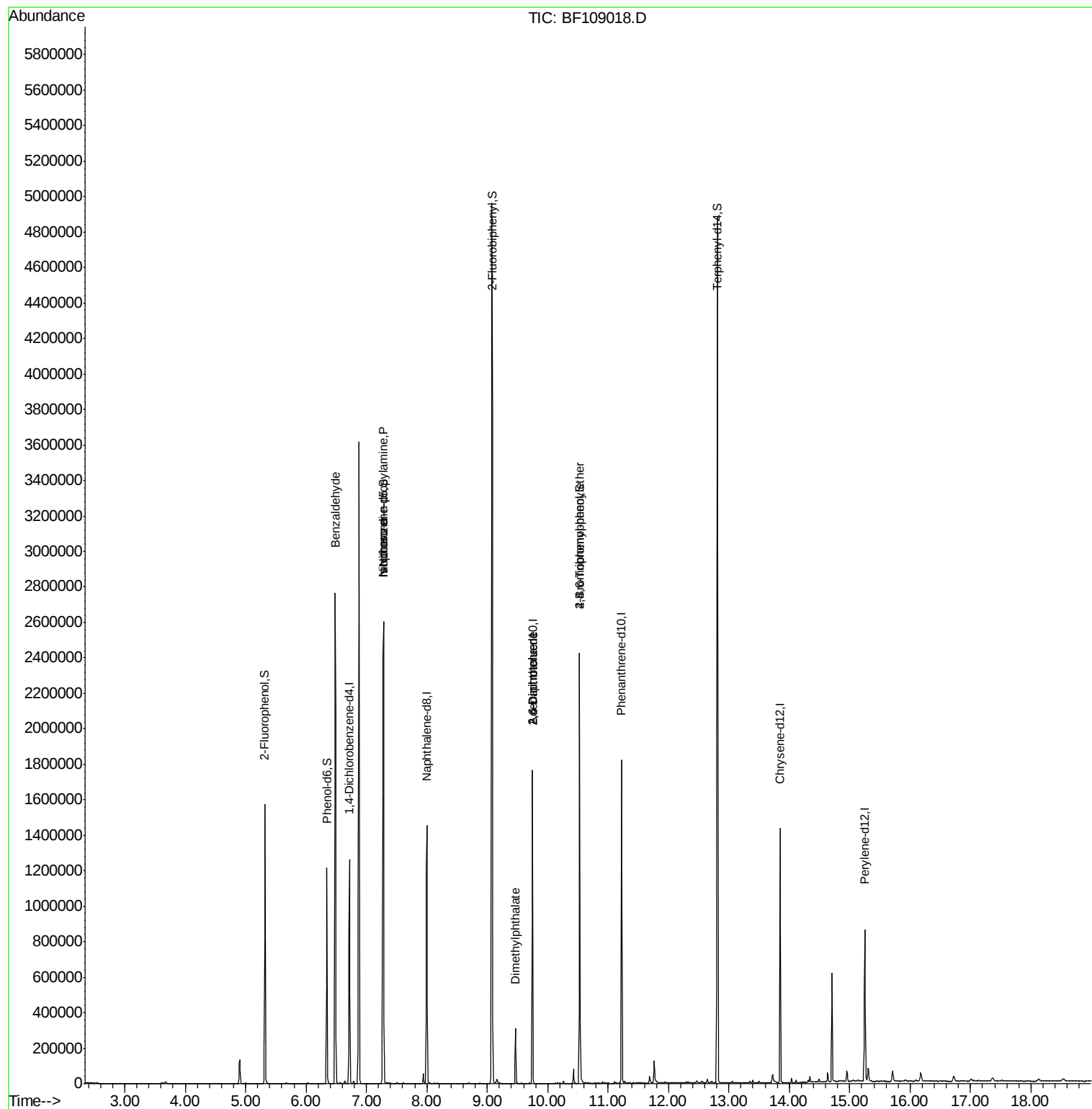
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	17293	2.068	ng	# 75
19) n-Nitroso-di-n-propylamine	7.28	70	137582	15.899	ng	# 76
25) Isophorone	7.28	82	1014373	51.065	ng	# 64
49) Dimethylphthalate	9.47	163	115087	5.021	ng	100
50) 2,6-Dinitrotoluene	9.75	165	42186	8.300	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	42186	6.346	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	18905	2.653	ng	# 1

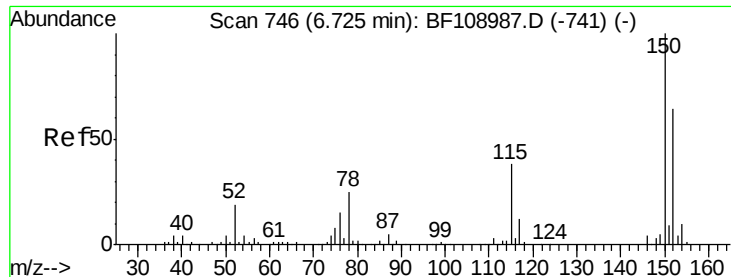
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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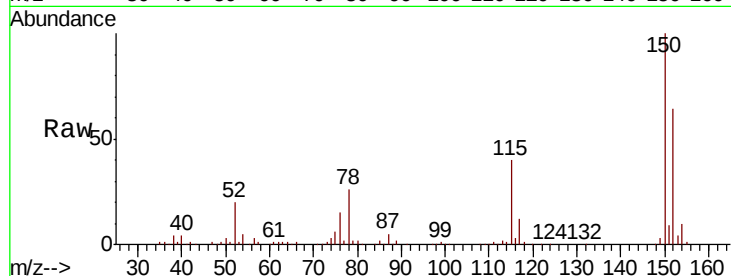


#1

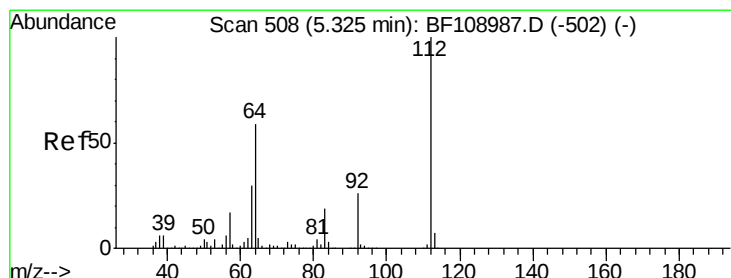
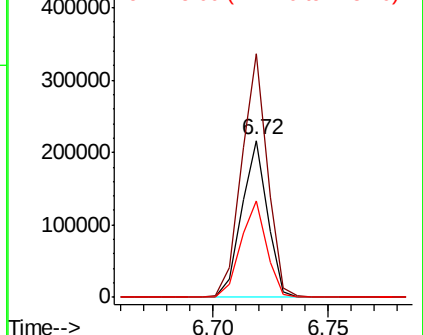
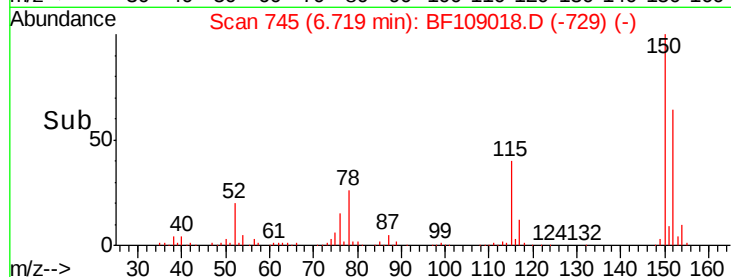
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109018.D
Acq: 15 Sep 2018 1:51

Instrument :
BNA_F
ClientSampleId :
091218-TIPC-F-U-S

Tgt Ion:152 Resp: 168629
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 61.8 50.1 75.1



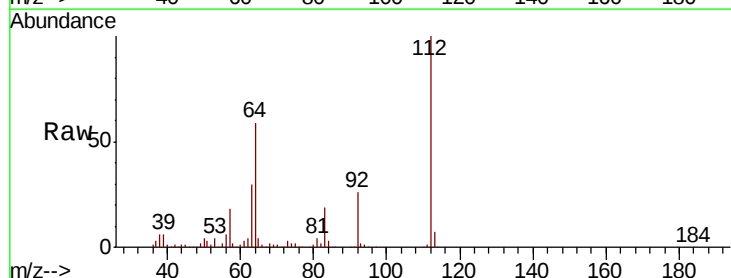
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



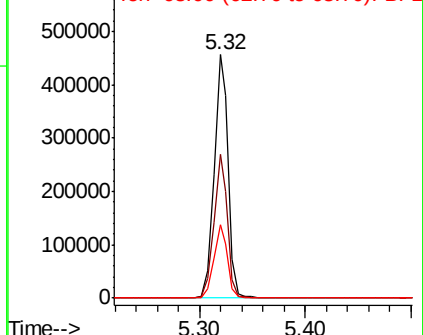
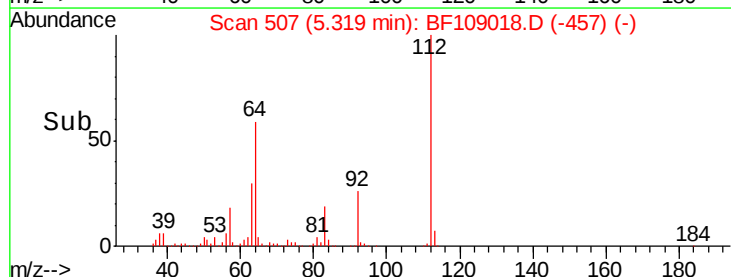
#5

2-Fluorophenol
Concen: 42.418 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF109018.D
Acq: 15 Sep 2018 1:51

Tgt Ion:112 Resp: 430669
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.2 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: 28.790 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109018.D

Acq: 15 Sep 2018 1:51

Instrument :

BNA_F

ClientSampleId :

091218-TIPC-F-U-S

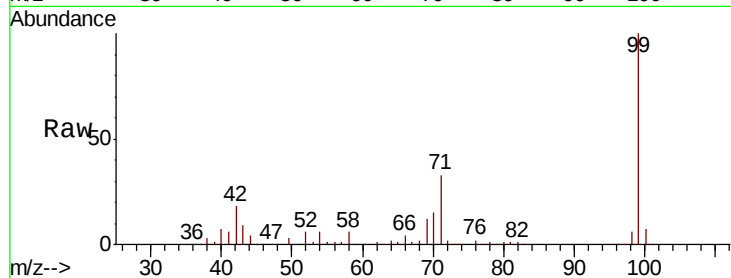
Tgt Ion: 99 Resp: 376909

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

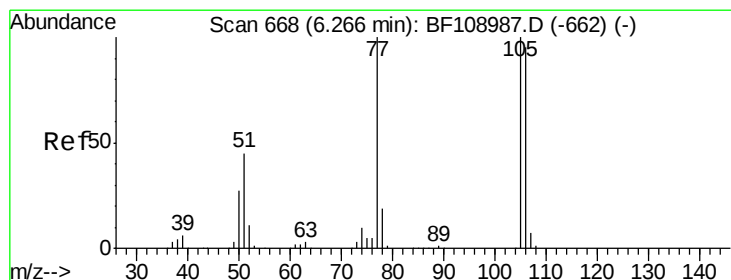
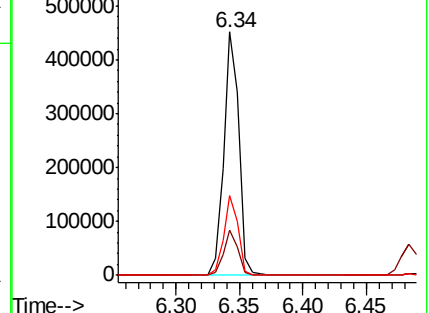
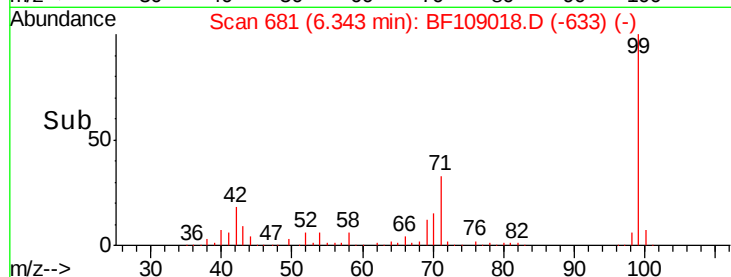
71 32.6 25.4 38.0



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: 2.068 ng

RT: 6.48 min Scan# 705

Delta R.T. 0.22 min

Lab File: BF109018.D

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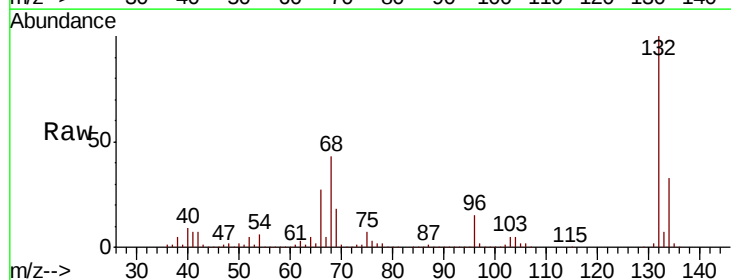
Tgt Ion: 77 Resp: 17293

Ion Ratio Lower Upper

77 100

105 78.9 81.1 121.1#

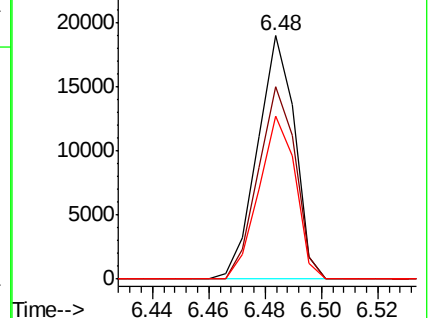
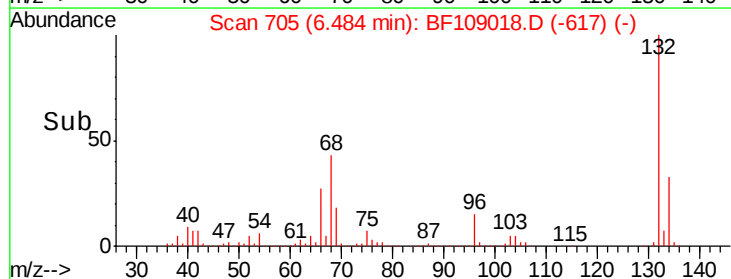
106 66.7 74.5 114.5#

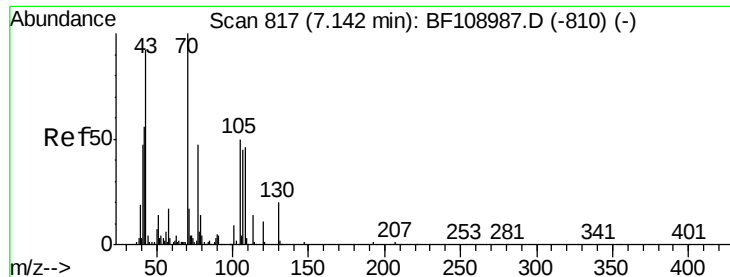


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

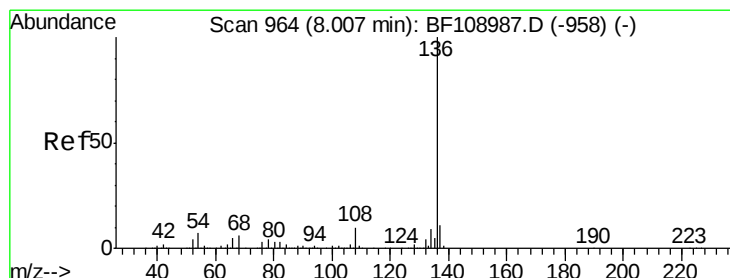
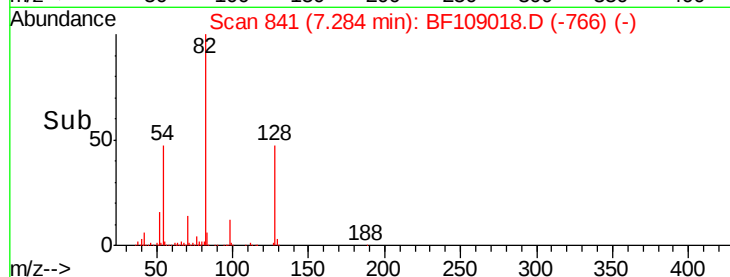
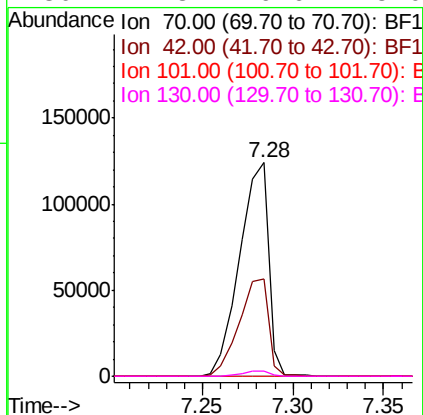
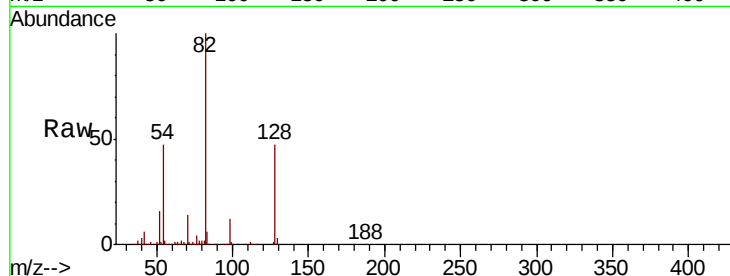




#19
n-Nitroso-di-n-propylamine
Concen: 15.899 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109018.D
Acq: 15 Sep 2018 1:51

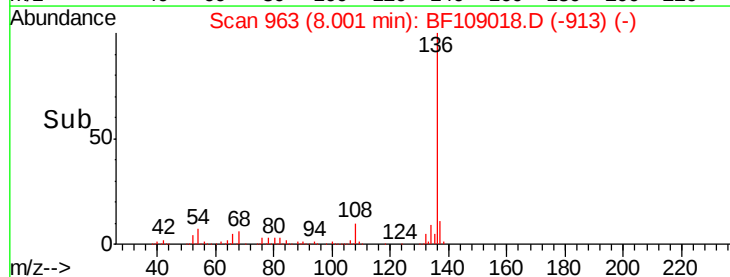
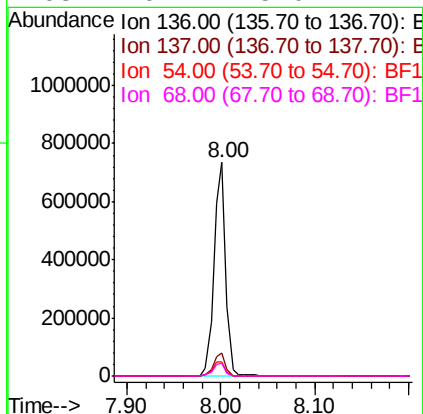
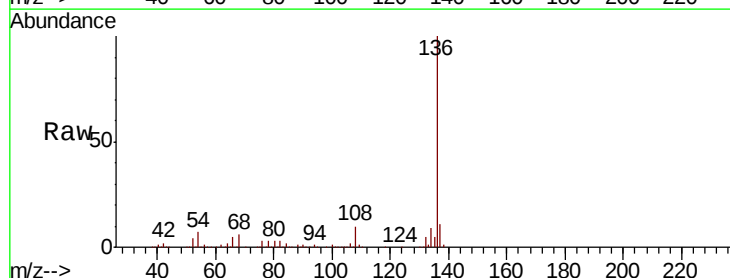
Instrument :
BNA_F
ClientSampleId :
091218-TIPC-F-U-S

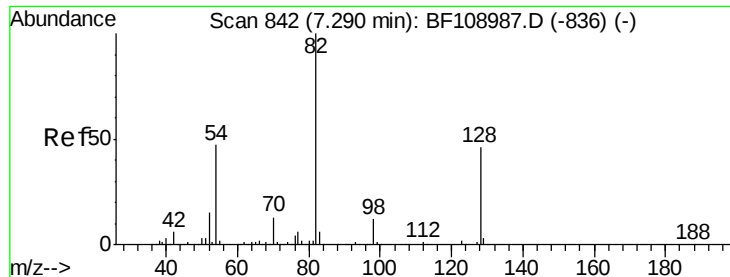
Tgt Ion:	70	Resp:	137582
Ion	Ratio	Lower	Upper
70	100		
42	45.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109018.D
Acq: 15 Sep 2018 1:51

Tgt Ion:	136	Resp:	648154
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	6.6	9.8
68	6.2	5.0	7.4

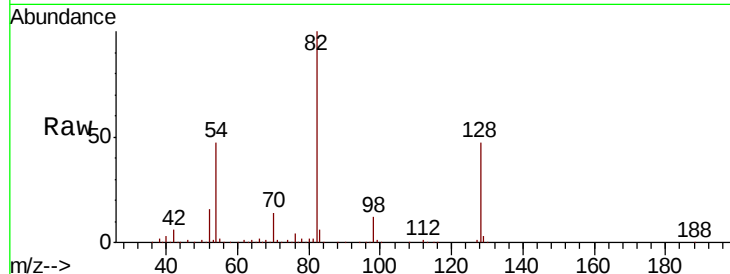




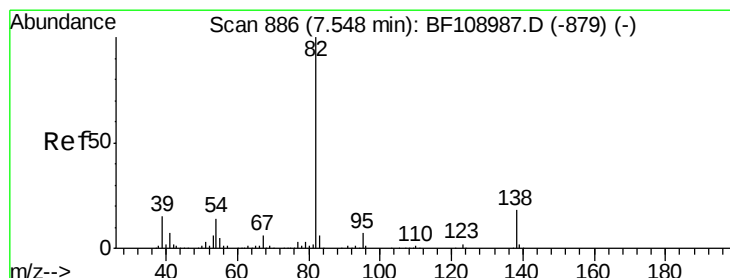
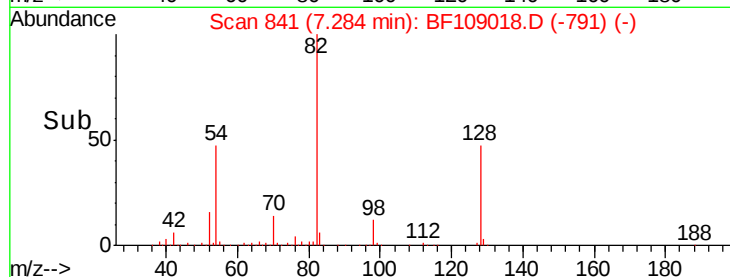
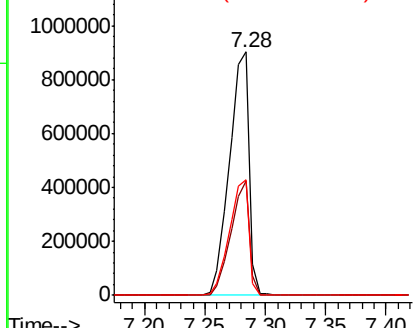
#23
 Nitrobenzene-d5
 Concen: 88.460 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109018.D
 Acq: 15 Sep 2018 1:51

Instrument :
 BNA_F
 ClientSampleId :
 091218-TIPC-F-U-S

Tgt Ion: 82 Resp: 1022245
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 47.3 41.4 62.2

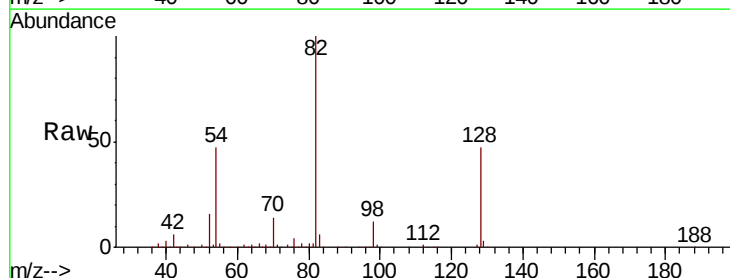


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

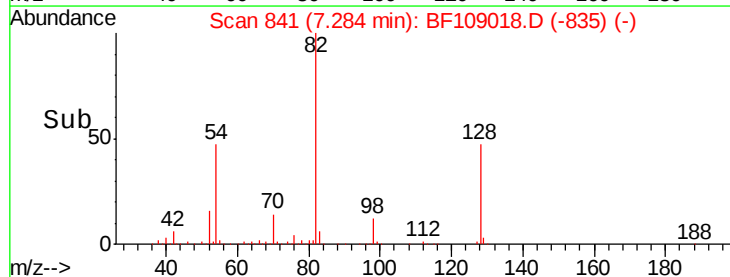
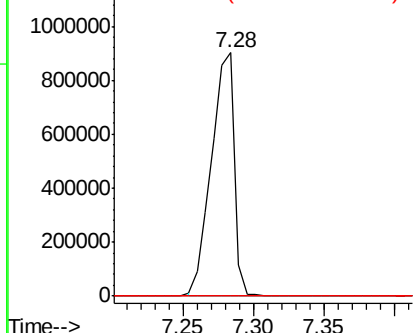


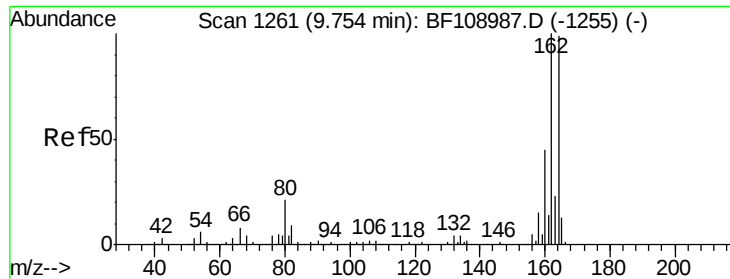
#25
 Isophorone
 Concen: 51.065 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.26 min
 Lab File: BF109018.D
 Acq: 15 Sep 2018 1:51

Tgt Ion: 82 Resp: 1014373
 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

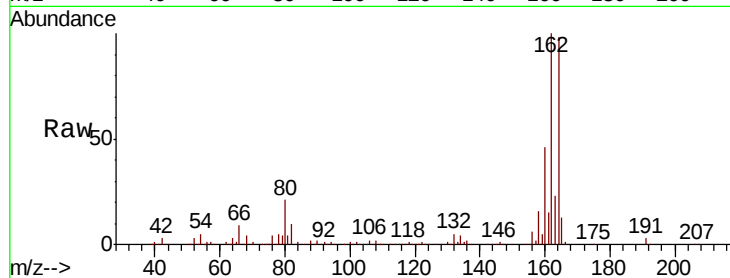




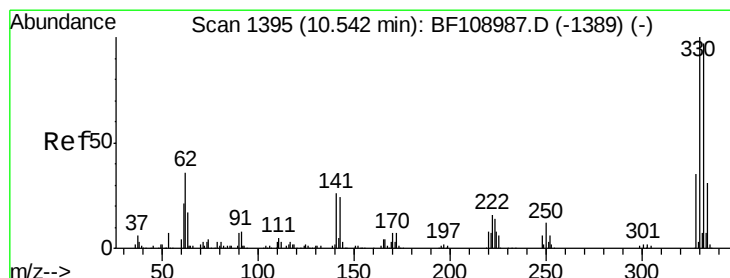
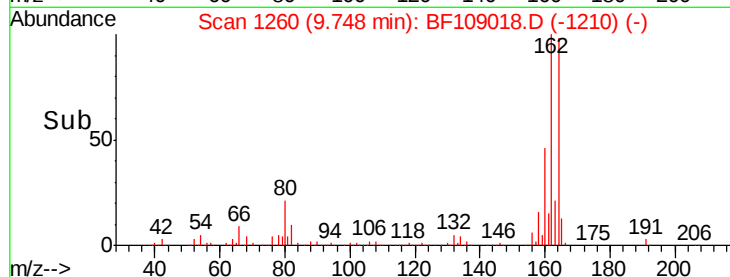
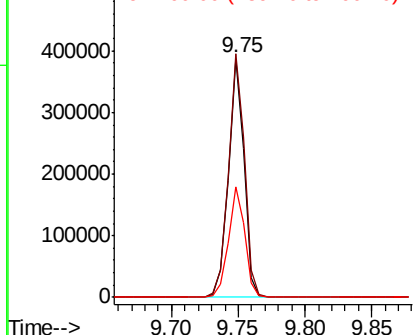
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109018.D
 Acq: 15 Sep 2018 1:51

Instrument :
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 ClientSampleId :
 091218-TIPC-F-U-S

Tgt Ion:164 Resp: 320666
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.1 129.1
 160 46.4 38.3 57.5

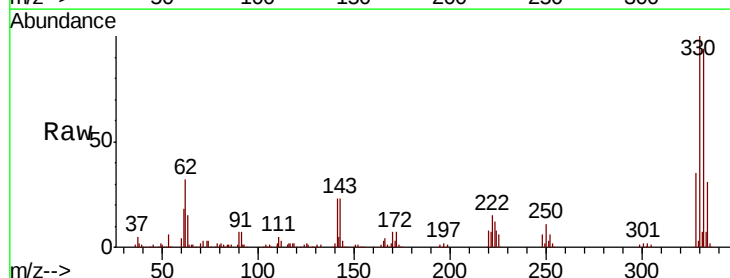


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

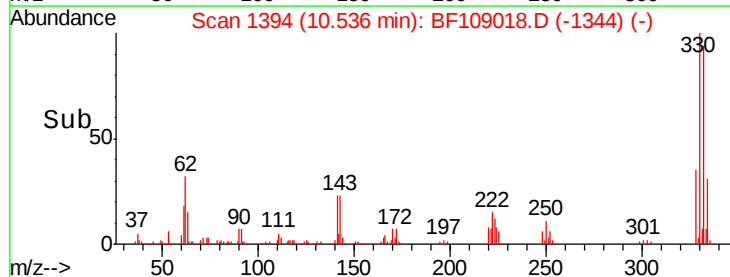
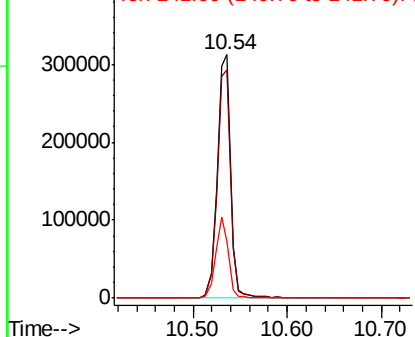


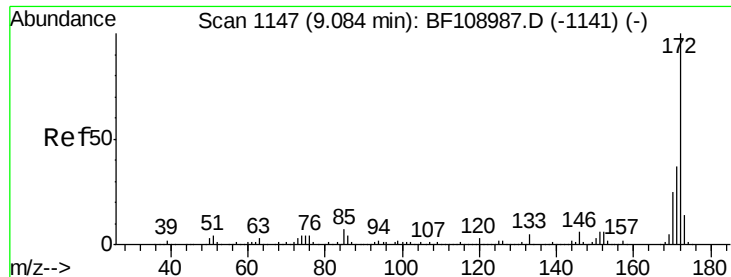
#41
 2,4,6-Tribromophenol
 Concen: 89.927 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109018.D
 Acq: 15 Sep 2018 1:51

Tgt Ion:330 Resp: 312952
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 31.8 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

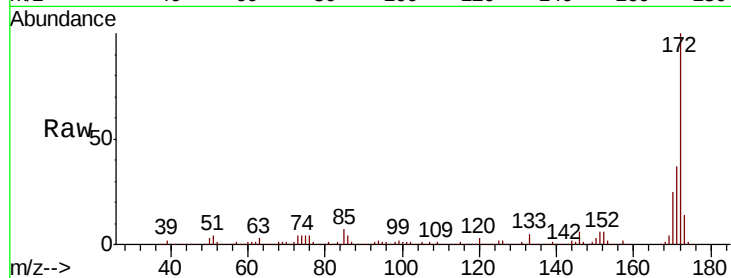




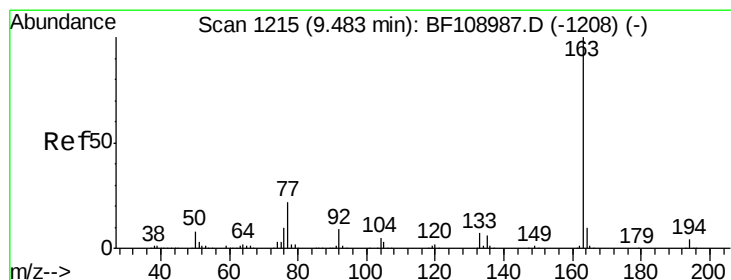
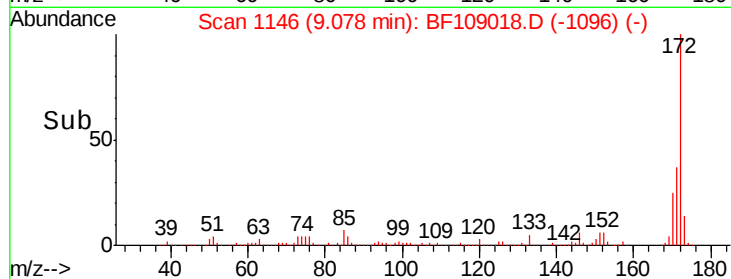
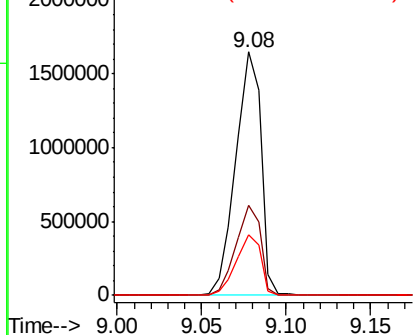
#44
 2-Fluorobiphenyl
 Concen: 84.429 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109018.D
 Acq: 15 Sep 2018 1:51

Instrument :
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 ClientSampleId :
 091218-TIPC-F-U-S

Tgt Ion:172 Resp: 1728031
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.8 19.6 29.4

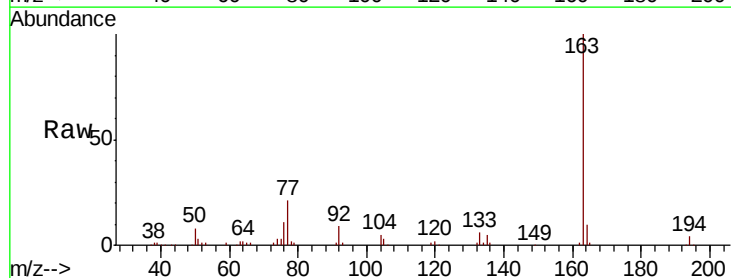


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

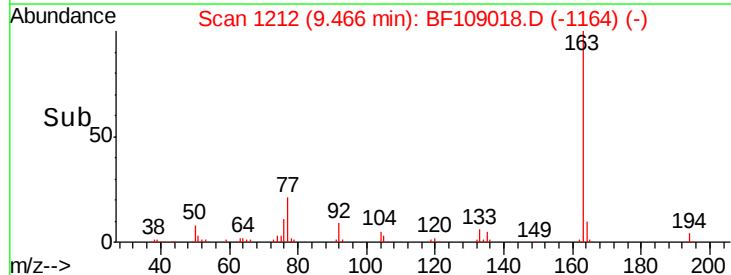
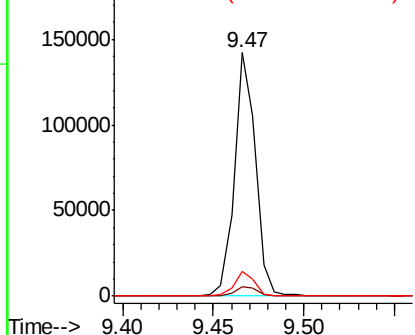


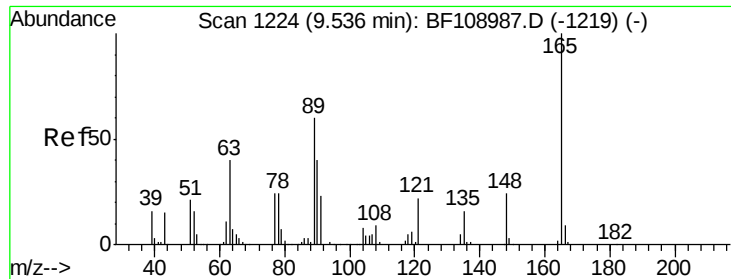
#49
 Dimethylphthalate
 Concen: 5.021 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF109018.D
 Acq: 15 Sep 2018 1:51

Tgt Ion:163 Resp: 115087
 Ion Ratio Lower Upper
 163 100
 194 3.8 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

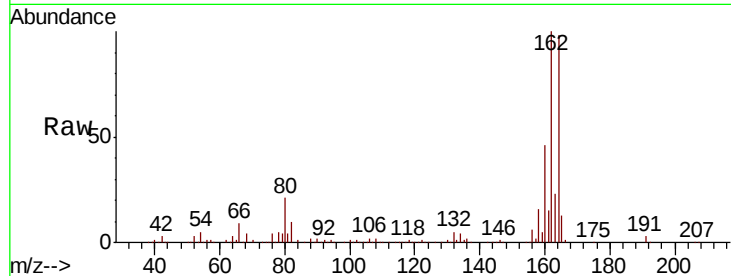




#50
 2,6-Dinitrotoluene
 Concen: 8.300 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109018.D
 Acq: 15 Sep 2018 1:51

Instrument :
 BNA_F
 ClientSampleId :
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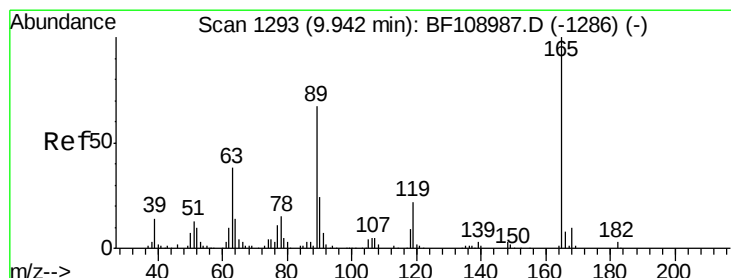
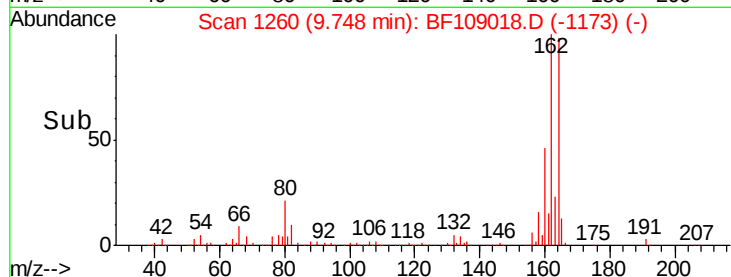
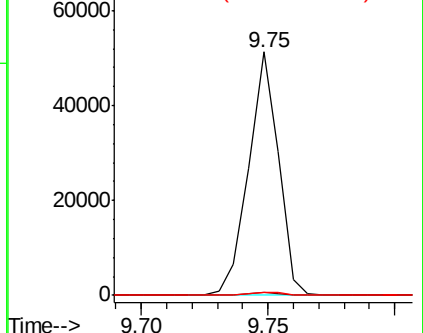
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.1	44.0	66.0#



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: 6.346 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109018.D
 Acq: 15 Sep 2018 1:51

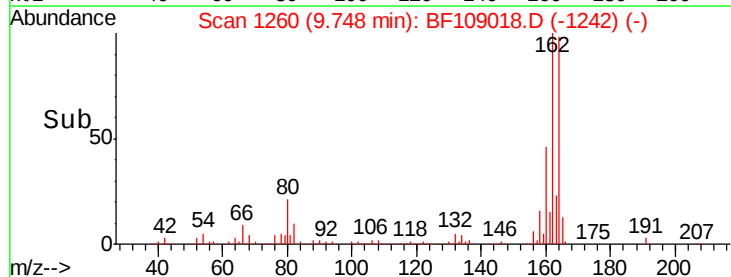
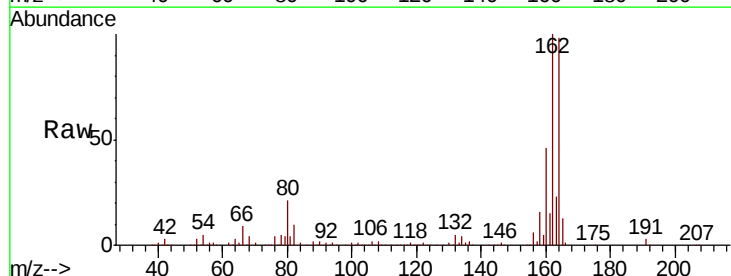
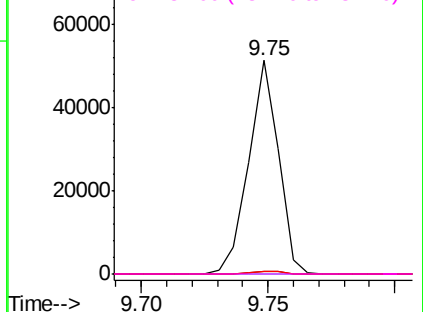
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

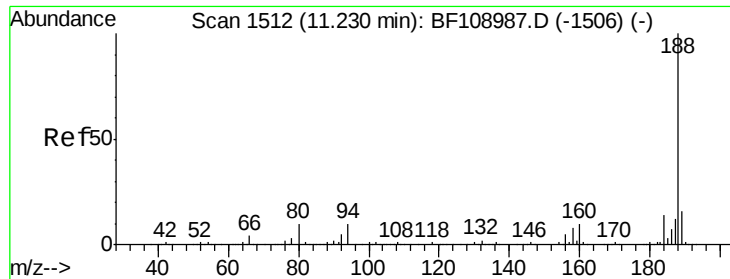
Abundance Ion 165.00 (164.70 to 165.70): E

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

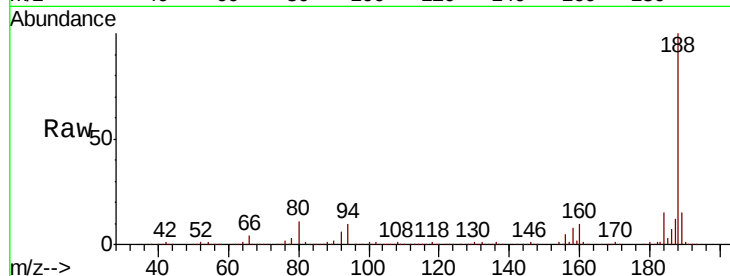




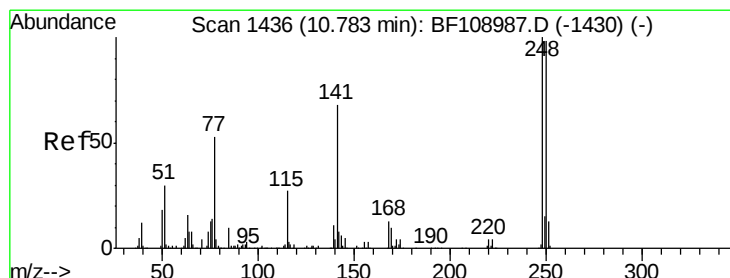
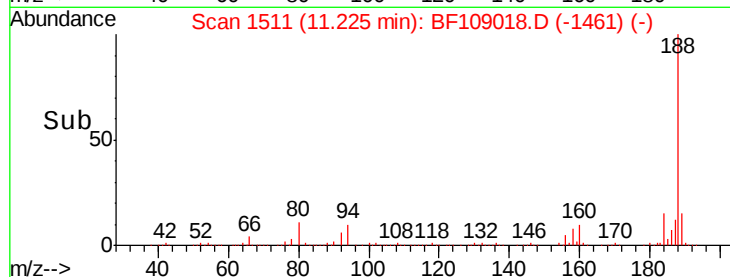
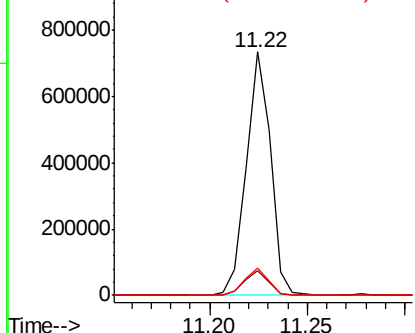
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109018.D
 Acq: 15 Sep 2018 1:51

Instrument :
 BNA_F
 ClientSampleId :
 091218-TIPC-F-U-S

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.3	9.2	13.8

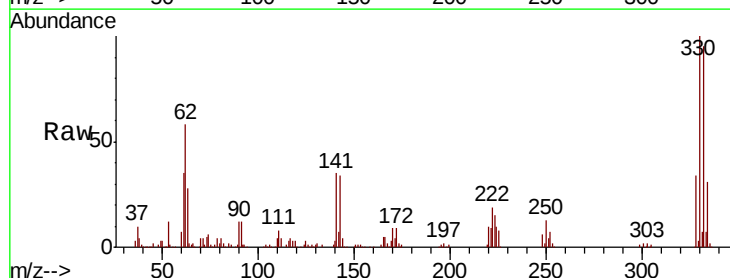


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

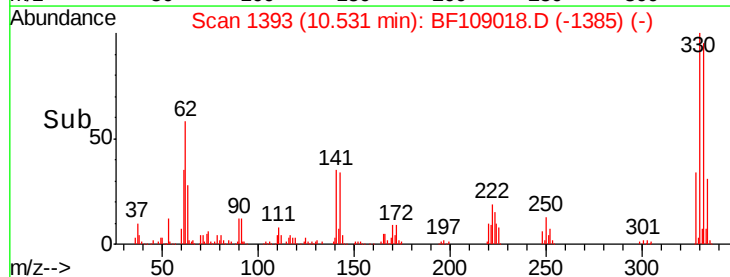
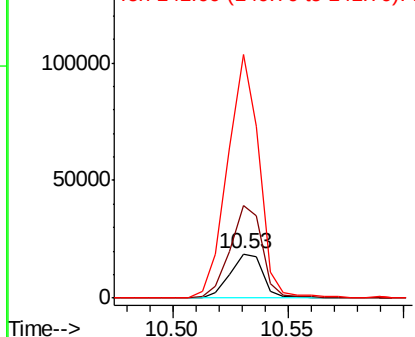


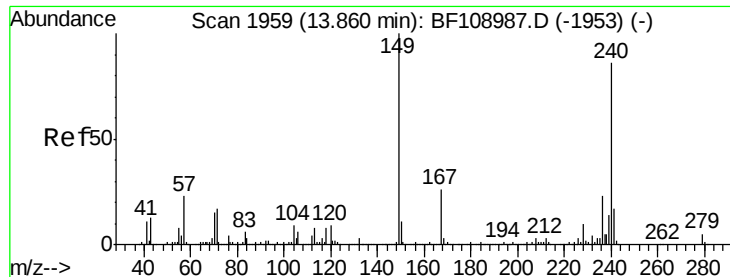
#66
 4-Bromophenyl-phenylether
 Concen: 2.653 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109018.D
 Acq: 15 Sep 2018 1:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	209.3	76.9	115.3#
141	549.7	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: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109018.D

Acq: 15 Sep 2018 1:51

Instrument :

BNA_F

ClientSampleId :

091218-TIPC-F-U-S

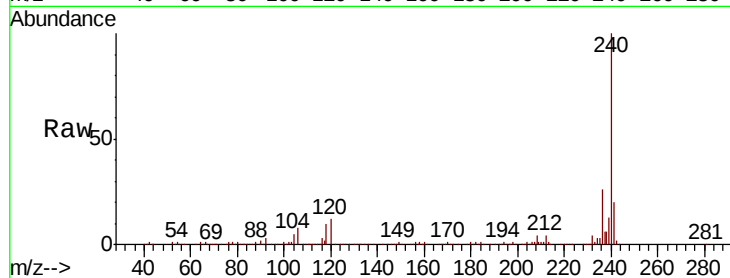
Tgt Ion:240 Resp: 446595

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

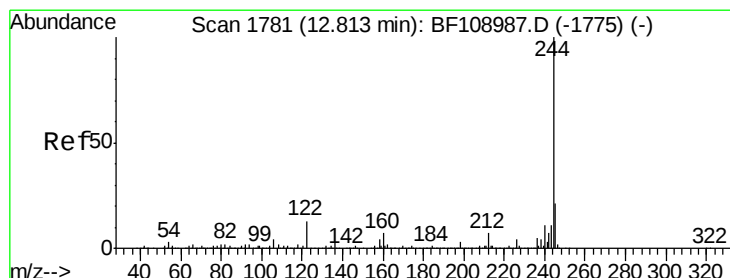
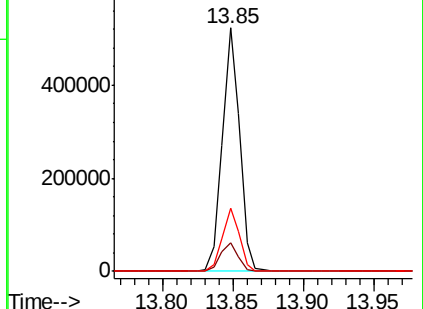
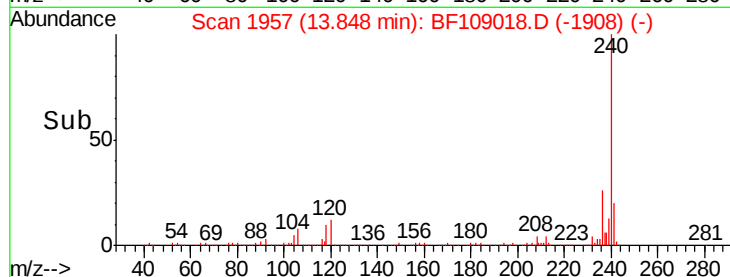
236 25.7 20.7 31.1



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: 99.342 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109018.D

Acq: 15 Sep 2018 1:51

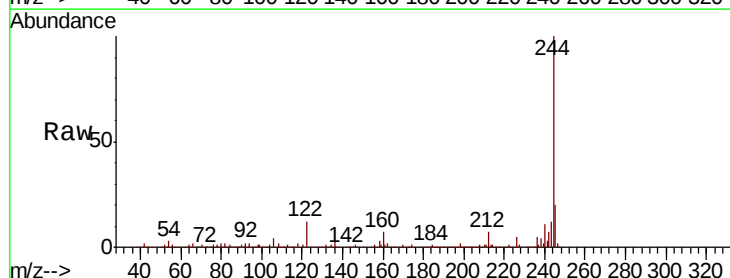
Tgt Ion:244 Resp: 1871750

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

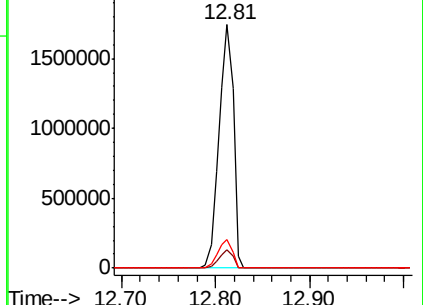
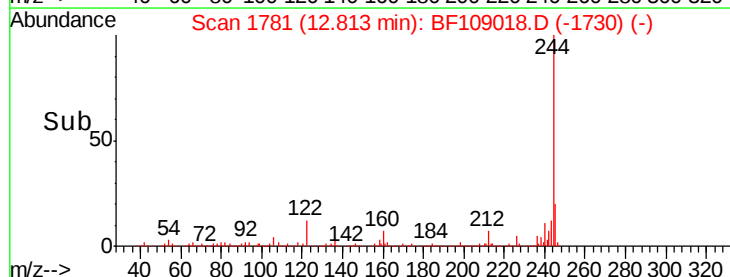
122 12.0 11.0 16.4

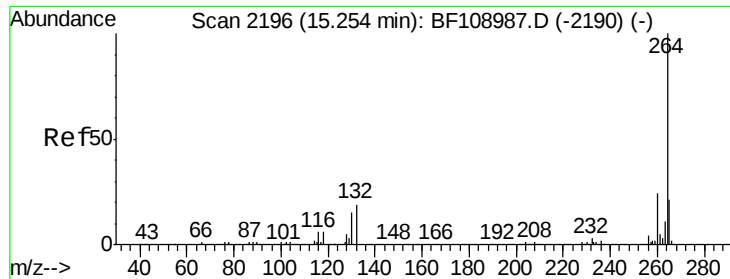


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF109018.D
Acq: 15 Sep 2018 1:51

Instrument :
BNA_F
ClientSampleId :
091218-TIPC-F-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.5	26.3

