

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109516.D
 Acq On : 2 Oct 2018 21:45
 Operator : JU/SJ
 Sample : J5186-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Oct 03 03:09:21 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

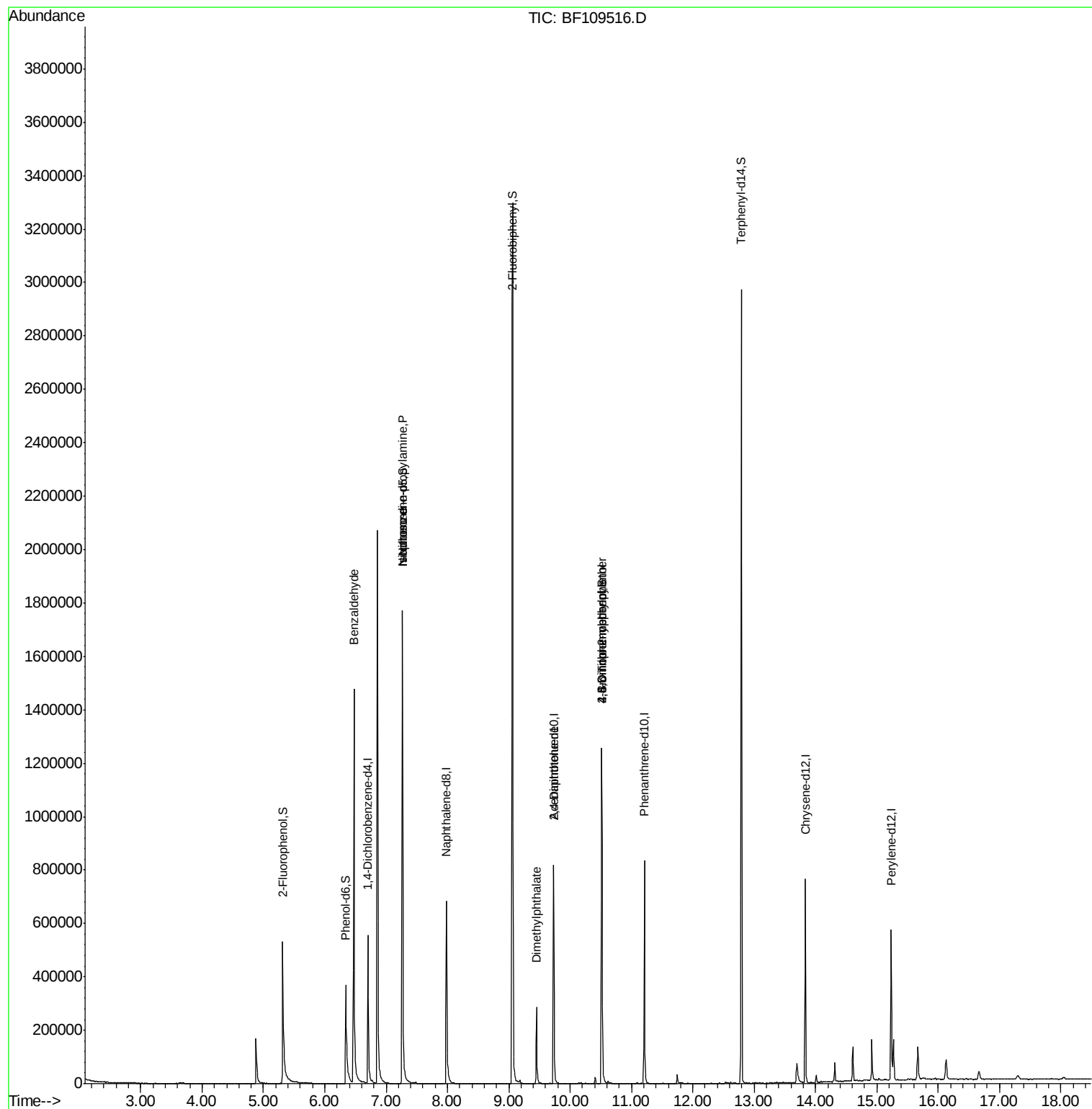
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106199	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	396571	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	183021	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	323818	20.00	ng	0.00
75) Chrysene-d12	13.83	240	261029	20.00	ng	-0.01
86) Perylene-d12	15.23	264	265370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	243418	37.75	ng	0.00
7) Phenol-d6	6.34	99	203361	24.72	ng	-0.02
23) Nitrobenzene-d5	7.27	82	677721	100.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	163962	90.88	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1169918	96.41	ng	-0.01
78) Terphenyl-d14	12.79	244	1034438	97.26	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	11081	2.097	ng	# 68
19) n-Nitroso-di-n-propylamine	7.27	70	91834	17.034	ng	# 75
25) Isophorone	7.27	82	669667	55.357	ng	# 64
49) Dimethylphthalate	9.45	163	131827	9.903	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	22909	6.868	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.52	198	289	6.712	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9955	2.768	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
Data File : BF109516.D
Acq On : 2 Oct 2018 21:45
Operator : JU/SJ
Sample : J5186-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Oct 03 03:09:21 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

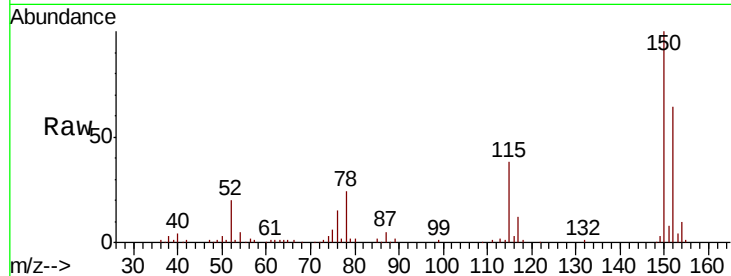




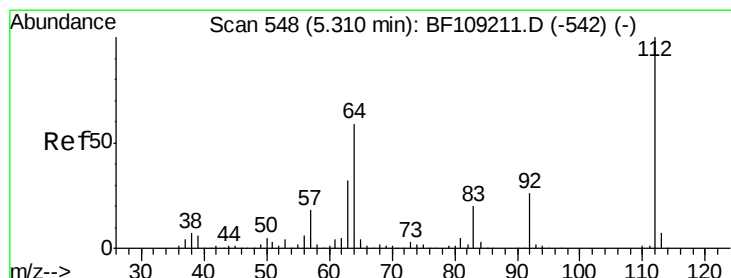
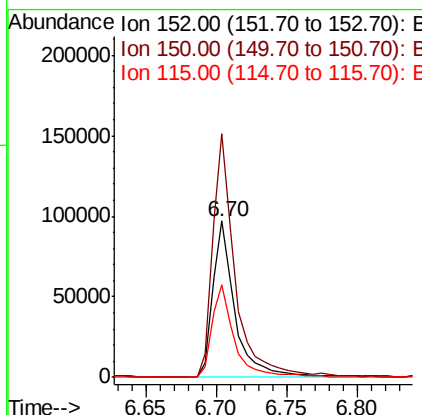
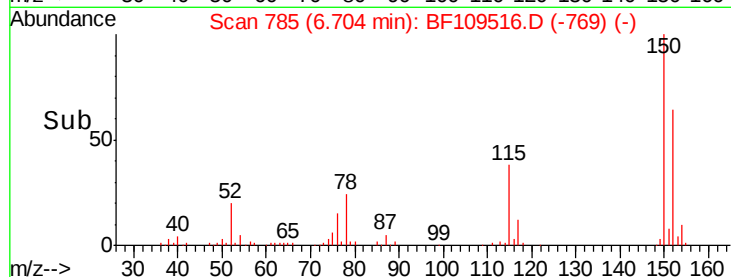
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109516.D
 Acq: 2 Oct 2018 21:45

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

Tgt Ion:152 Resp: 106199
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 59.0 50.1 75.1

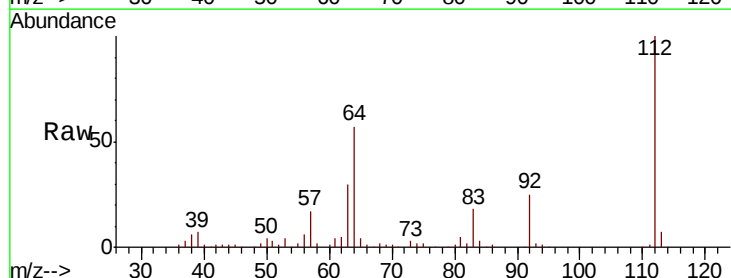


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

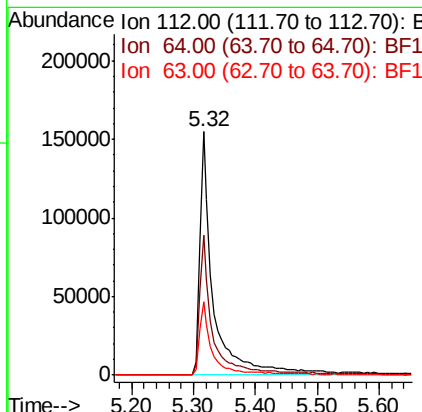
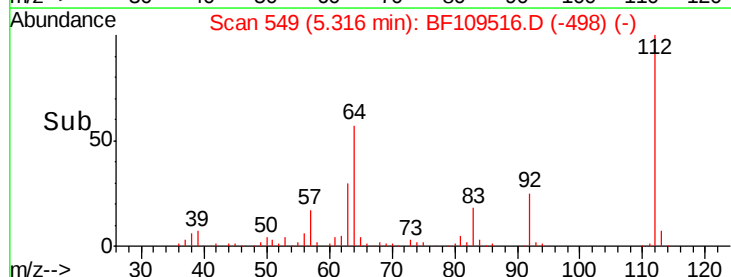


#5
 2-Fluorophenol
 Concen: 37.753 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109516.D
 Acq: 2 Oct 2018 21:45

Tgt Ion:112 Resp: 243418
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.9 71.9
 63 30.3 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: 24.717 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109516.D

Acq: 2 Oct 2018 21:45

Instrument :

BNA_F

ClientSampleId :

092718-TIPC-F-U-S

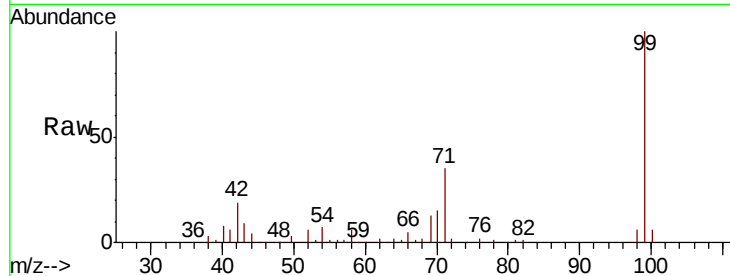
Tgt Ion: 99 Resp: 203361

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 34.6 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

150000

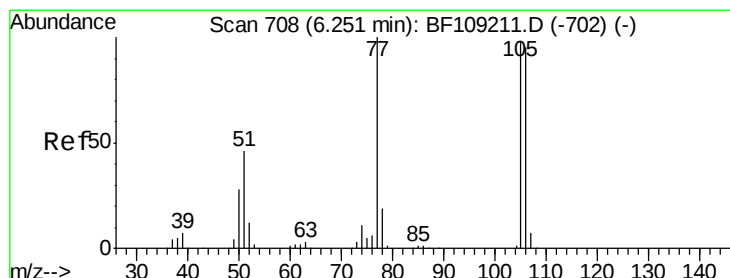
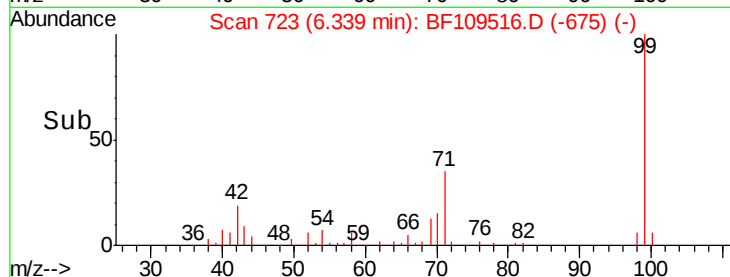
100000

50000

0

6.30 6.34 6.40 6.50

Time-->



#9

Benzaldehyde

Concen: 2.097 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF109516.D

Acq: 2 Oct 2018 21:45

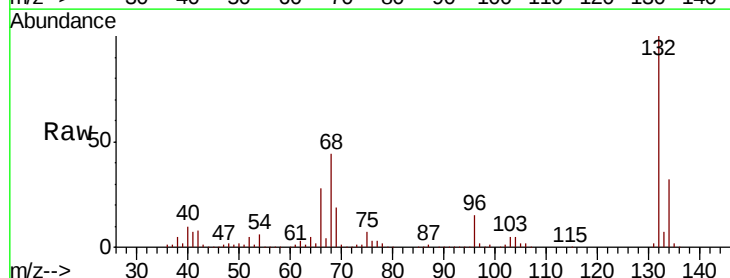
Tgt Ion: 77 Resp: 11081

Ion Ratio Lower Upper

77 100

105 72.0 81.1 121.1#

106 61.0 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

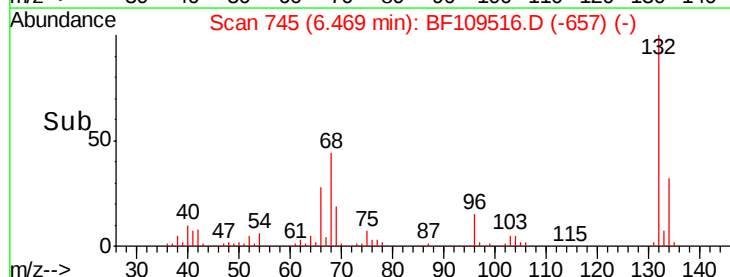
10000

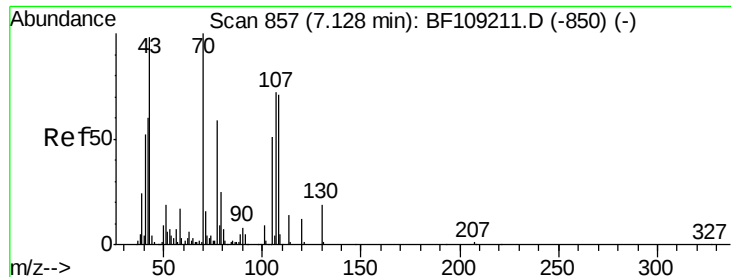
5000

0

6.45 6.47 6.50

Time-->

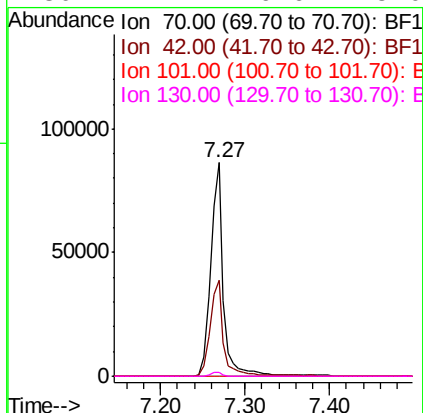
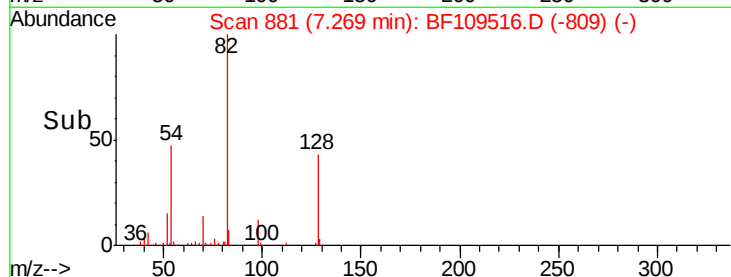
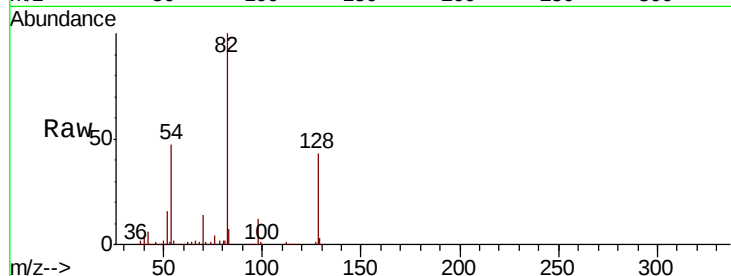




#19
n-Nitroso-di-n-propylamine
Concen: 17.034 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109516.D
Acq: 2 Oct 2018 21:45

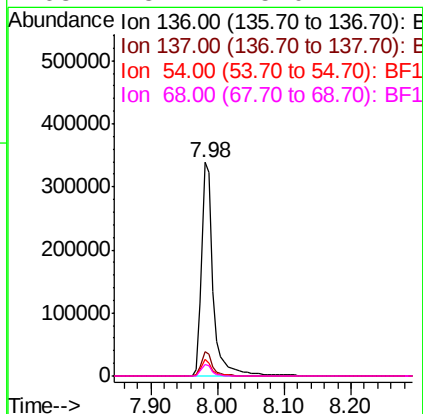
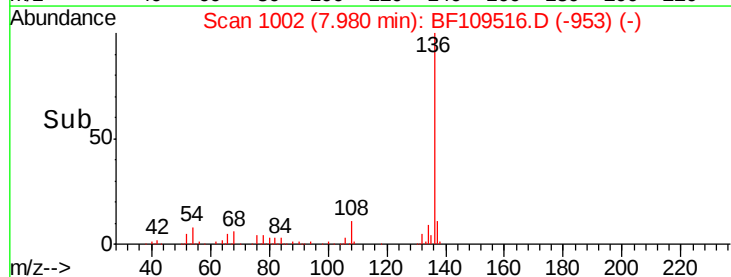
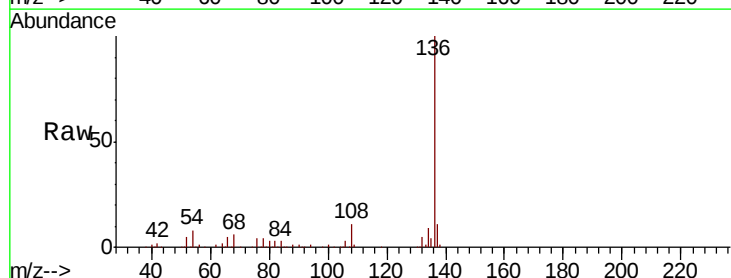
Instrument :
BNA_F
ClientSampleId :
092718-TIPC-F-U-S

Tgt Ion: 70 Resp: 91834
Ion Ratio Lower Upper
70 100
42 44.7 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: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109516.D
Acq: 2 Oct 2018 21:45

Tgt Ion: 136 Resp: 396571
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.6 6.6 9.8
68 5.7 5.0 7.4

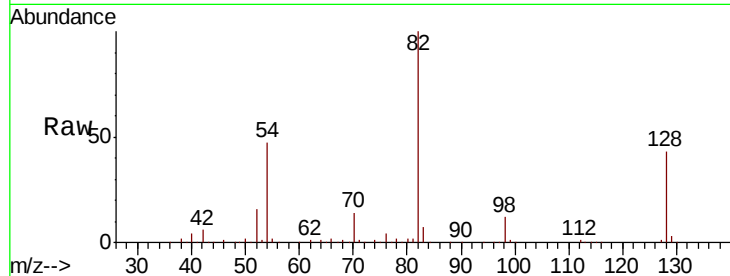




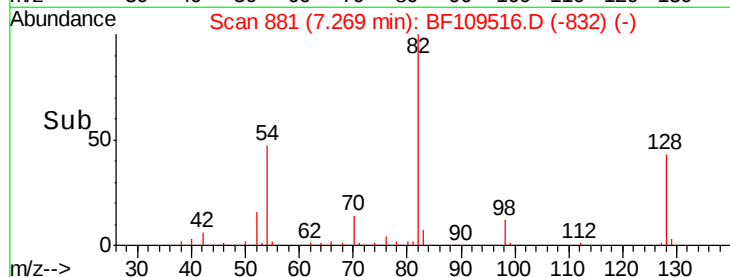
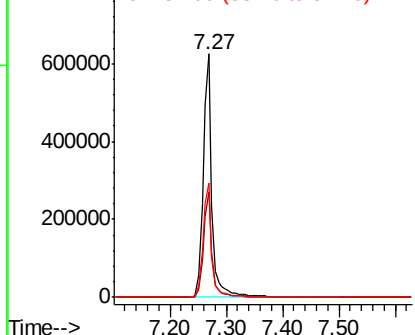
#23
Nitrobenzene-d5
Concen: 100.882 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109516.D
Acq: 2 Oct 2018 21:45

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

Tgt Ion: 82 Resp: 677721
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 47.0 41.4 62.2

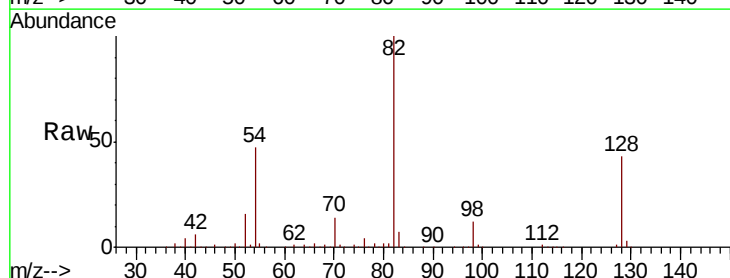


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

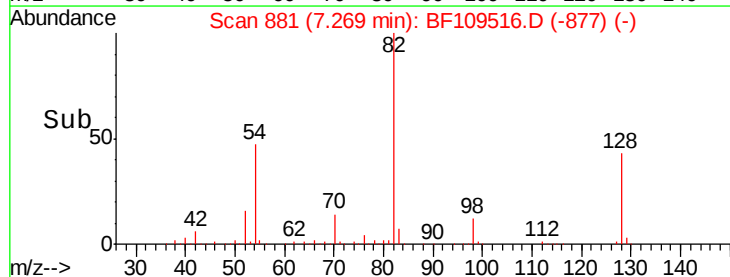
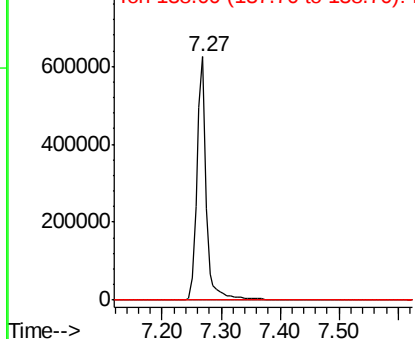


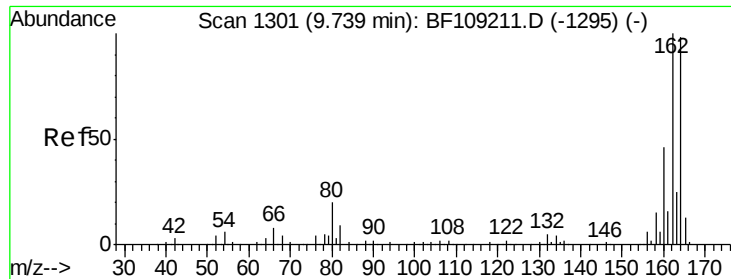
#25
Isophorone
Concen: 55.357 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109516.D
Acq: 2 Oct 2018 21:45

Tgt Ion: 82 Resp: 669667
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

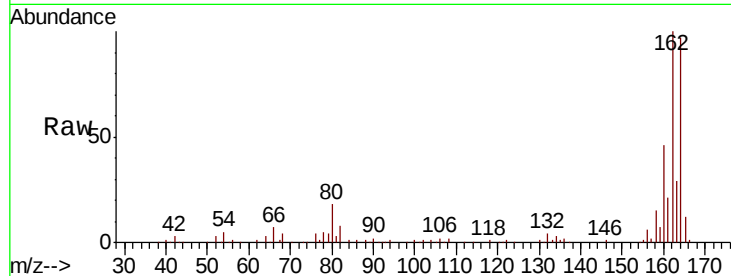




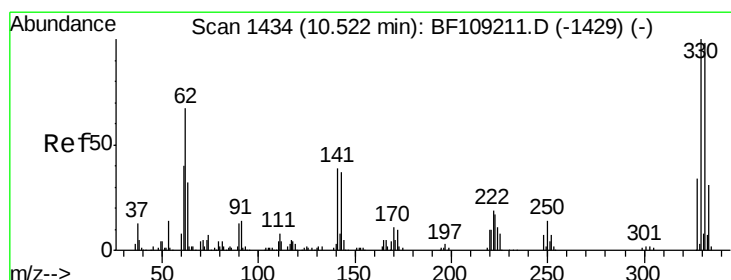
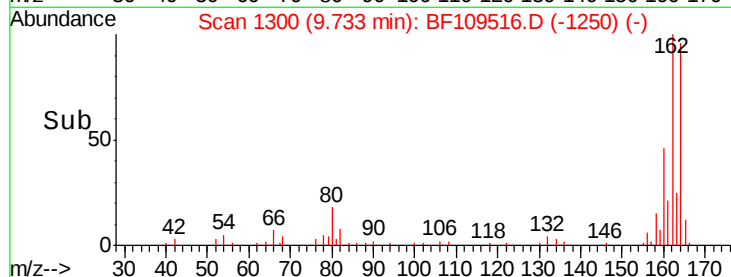
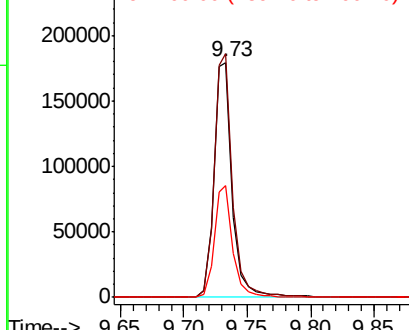
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109516.D
 Acq: 2 Oct 2018 21:45

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

Tgt Ion:164 Resp: 183021
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 47.5 38.3 57.5

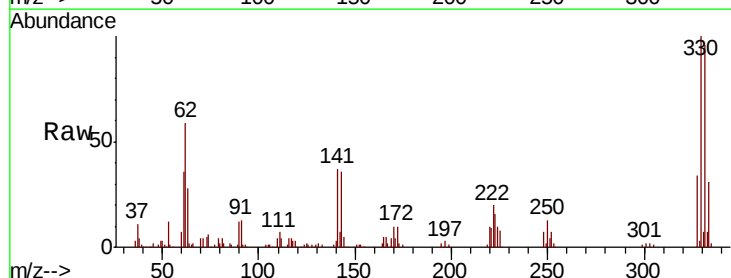


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

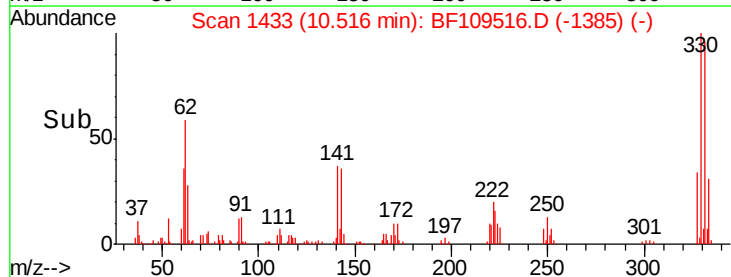
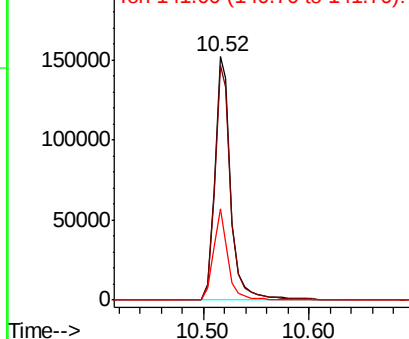


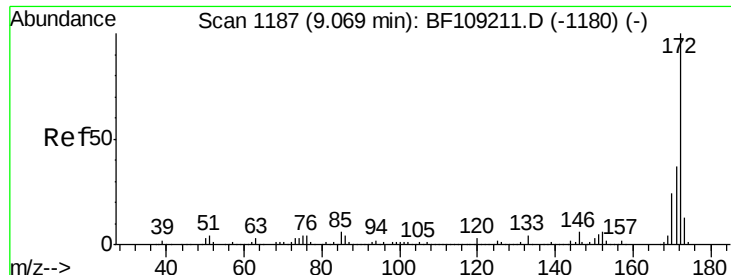
#41
 2,4,6-Tribromophenol
 Concen: 90.878 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109516.D
 Acq: 2 Oct 2018 21:45

Tgt Ion:330 Resp: 163962
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 34.0 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

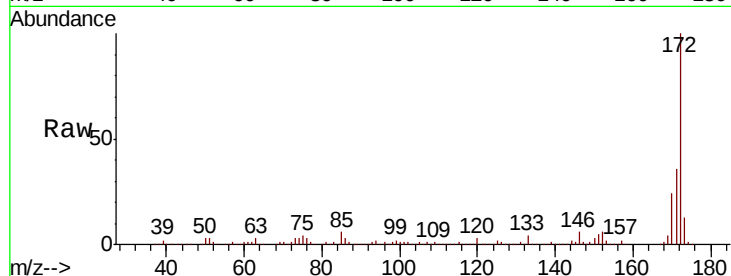




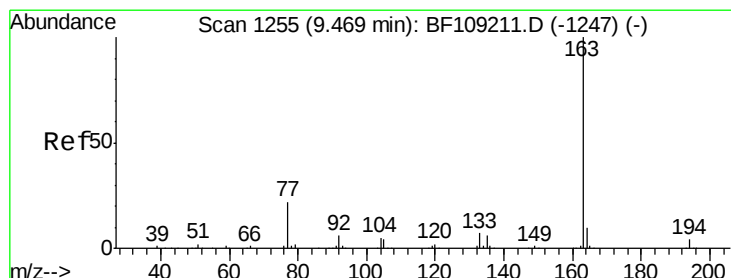
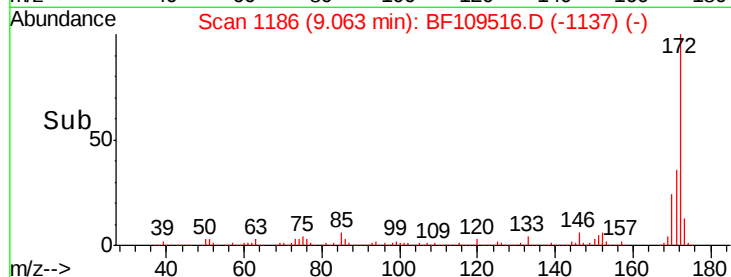
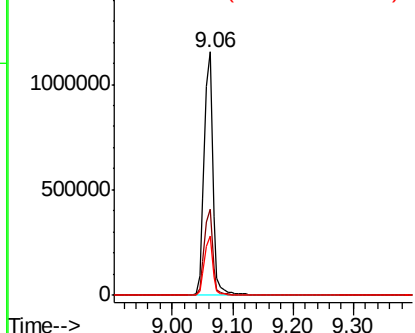
#44
2-Fluorobiphenyl
Concen: 96.408 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109516.D
Acq: 2 Oct 2018 21:45

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

Tgt Ion:172 Resp: 1169918
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.2 19.6 29.4

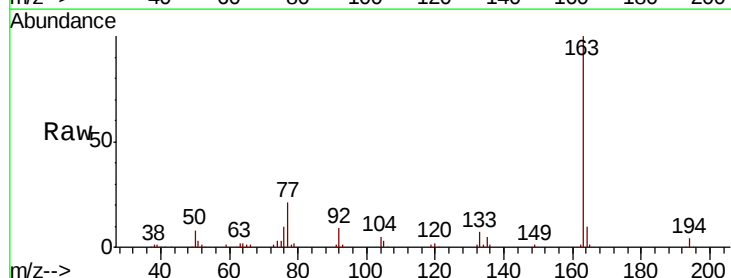


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

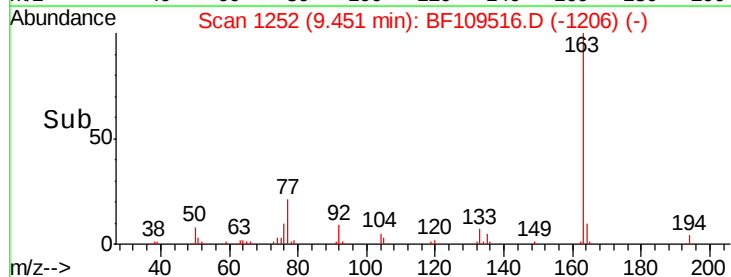
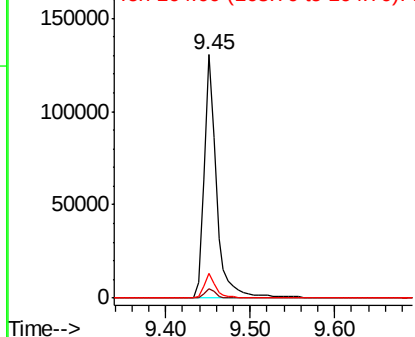


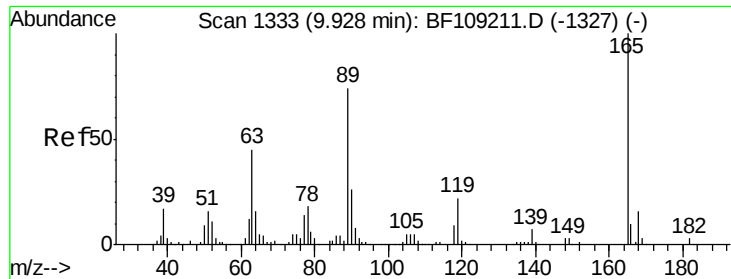
#49
Dimethylphthalate
Concen: 9.903 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109516.D
Acq: 2 Oct 2018 21:45

Tgt Ion:163 Resp: 131827
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 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

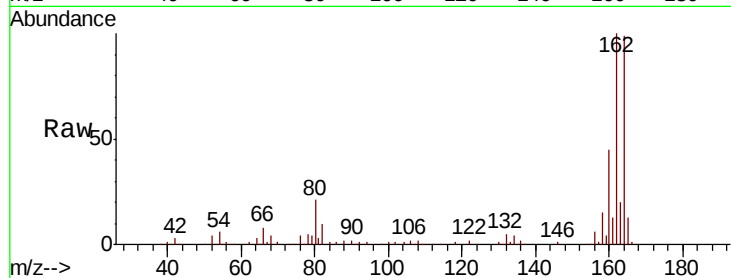




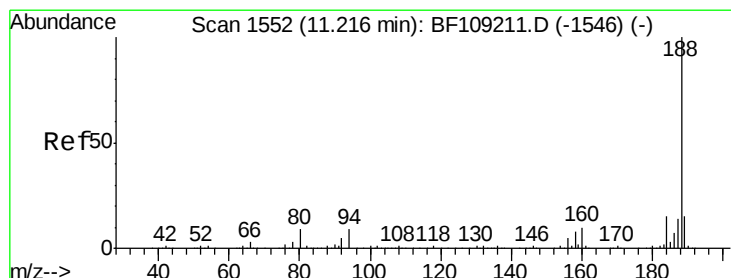
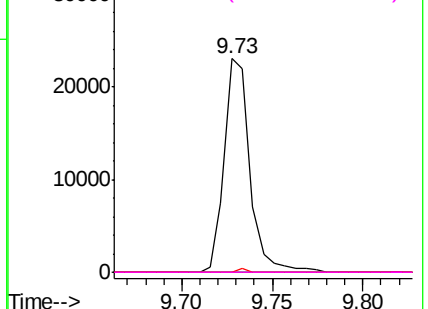
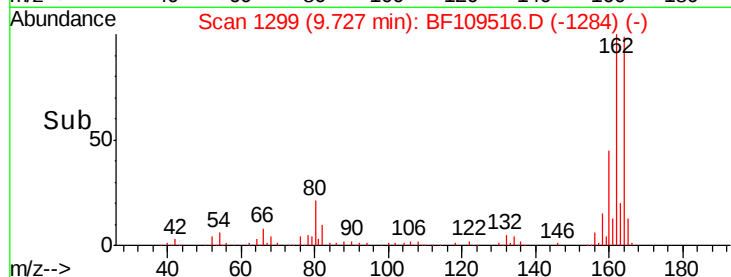
#56
 2,4-Dinitrotoluene
 Concen: 6.868 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109516.D
 Acq: 2 Oct 2018 21:45

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

Tgt Ion:	165	Resp:	22909
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#

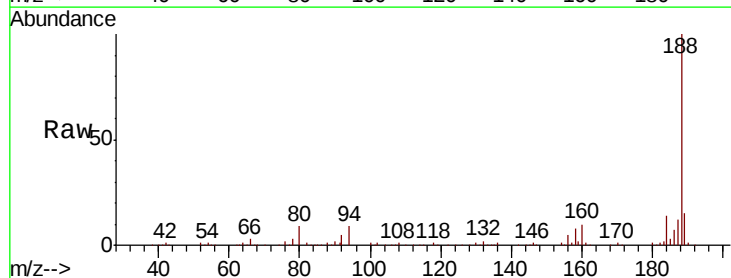


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

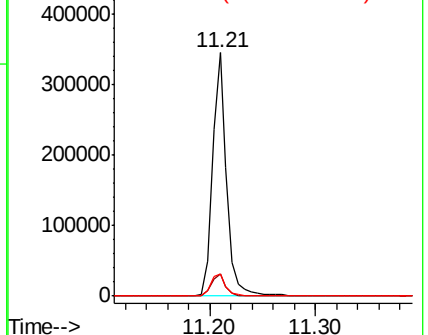
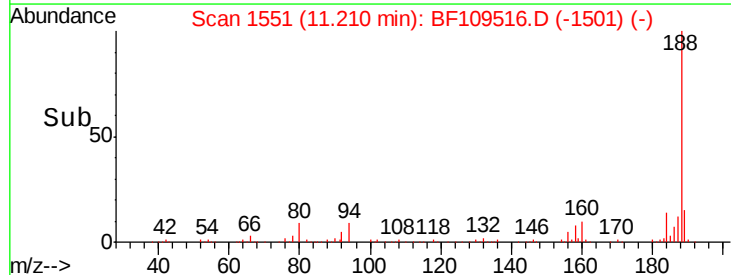


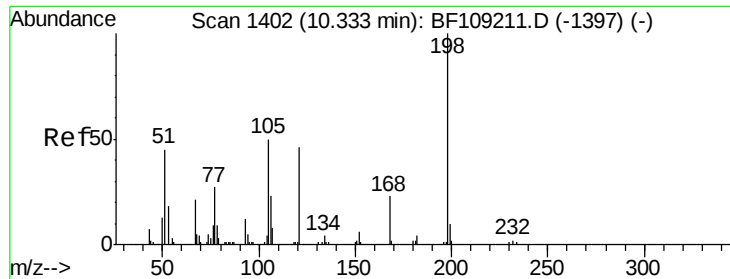
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109516.D
 Acq: 2 Oct 2018 21:45

Tgt Ion:	188	Resp:	323818
Ion	Ratio	Lower	Upper
188	100		
94	8.9	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

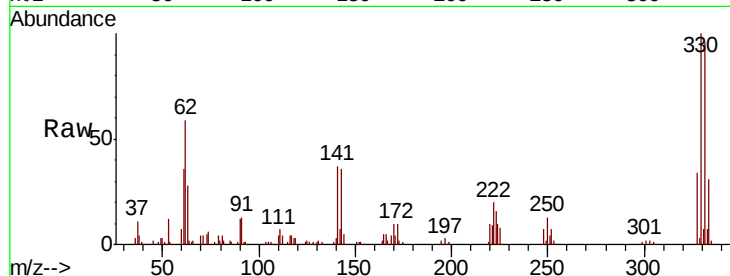




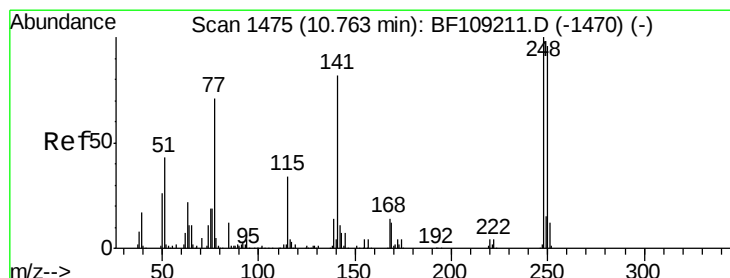
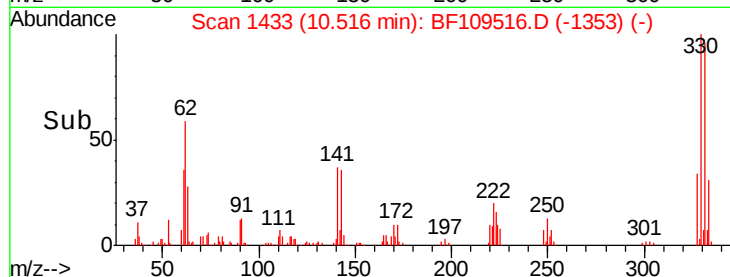
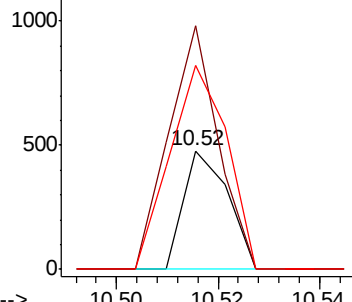
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.712 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109516.D
 Acq: 2 Oct 2018 21:45

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

Tgt Ion:198 Resp: 289
 Ion Ratio Lower Upper
 198 100
 51 205.2 37.7 77.7#
 105 172.0 36.3 76.3#

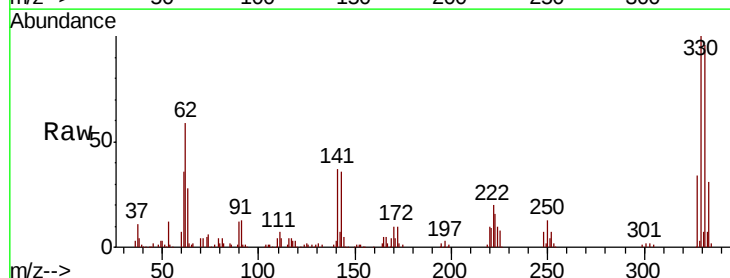


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

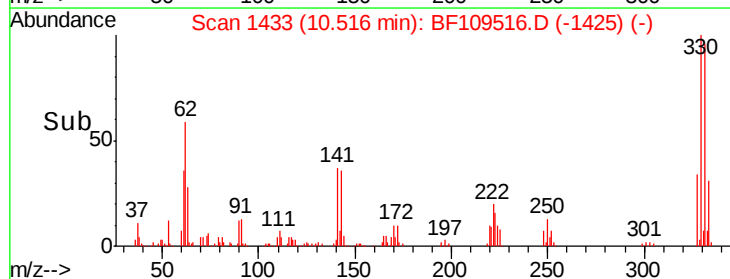
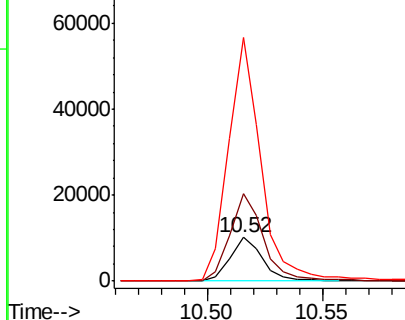


#66
 4-Bromophenyl-phenylether
 Concen: 2.768 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF109516.D
 Acq: 2 Oct 2018 21:45

Tgt Ion:248 Resp: 9955
 Ion Ratio Lower Upper
 248 100
 250 202.7 76.9 115.3#
 141 561.7 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: BF109516.D

Acq: 2 Oct 2018 21:45

Instrument :

BNA_F

ClientSampleId :

092718-TIPC-F-U-S

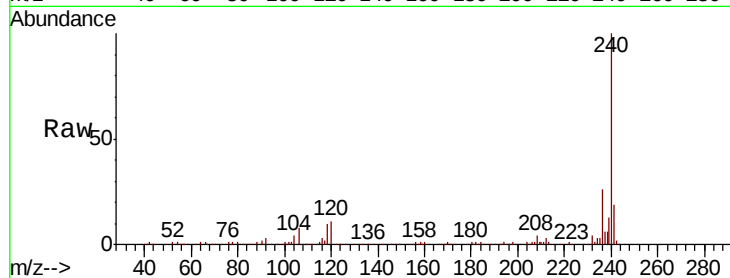
Tgt Ion:240 Resp: 261029

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

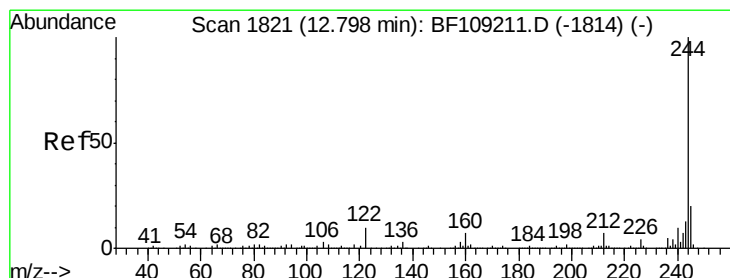
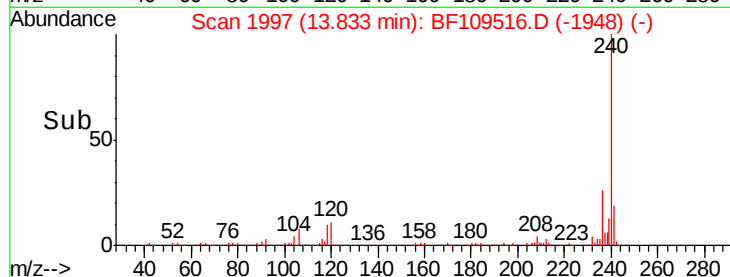
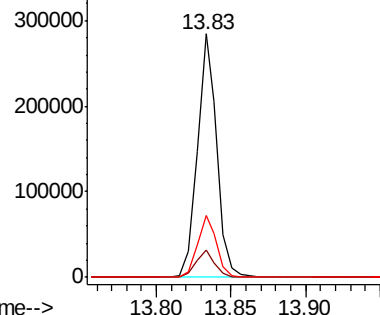
236 25.6 20.7 31.1



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: 97.257 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109516.D

Acq: 2 Oct 2018 21:45

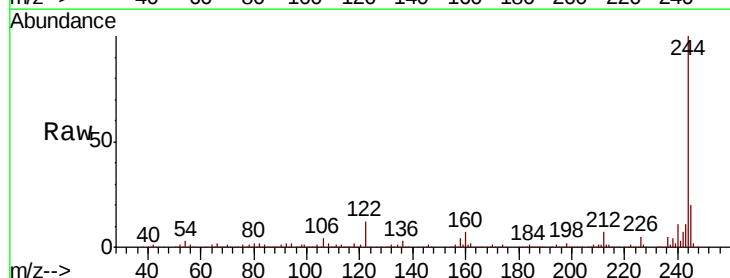
Tgt Ion:244 Resp: 1034438

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

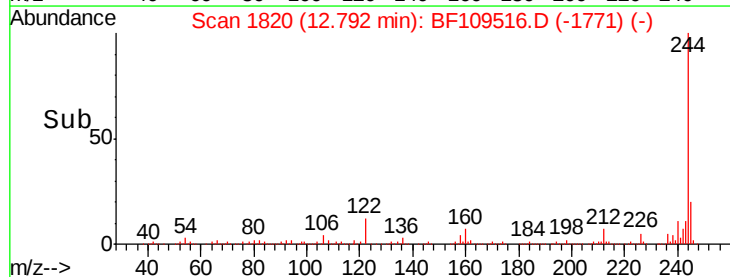
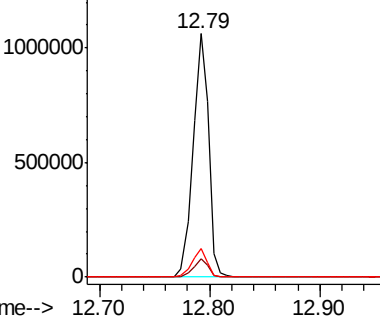
122 11.9 11.0 16.4

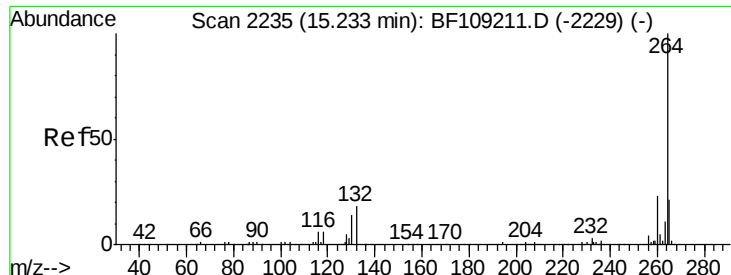


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109516.D
Acq: 2 Oct 2018 21:45

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3

