

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109513.D
 Acq On : 2 Oct 2018 20:26
 Operator : JU/SJ
 Sample : J5186-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092718-TIPC-F-D-B

Quant Time: Oct 03 03:08:54 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

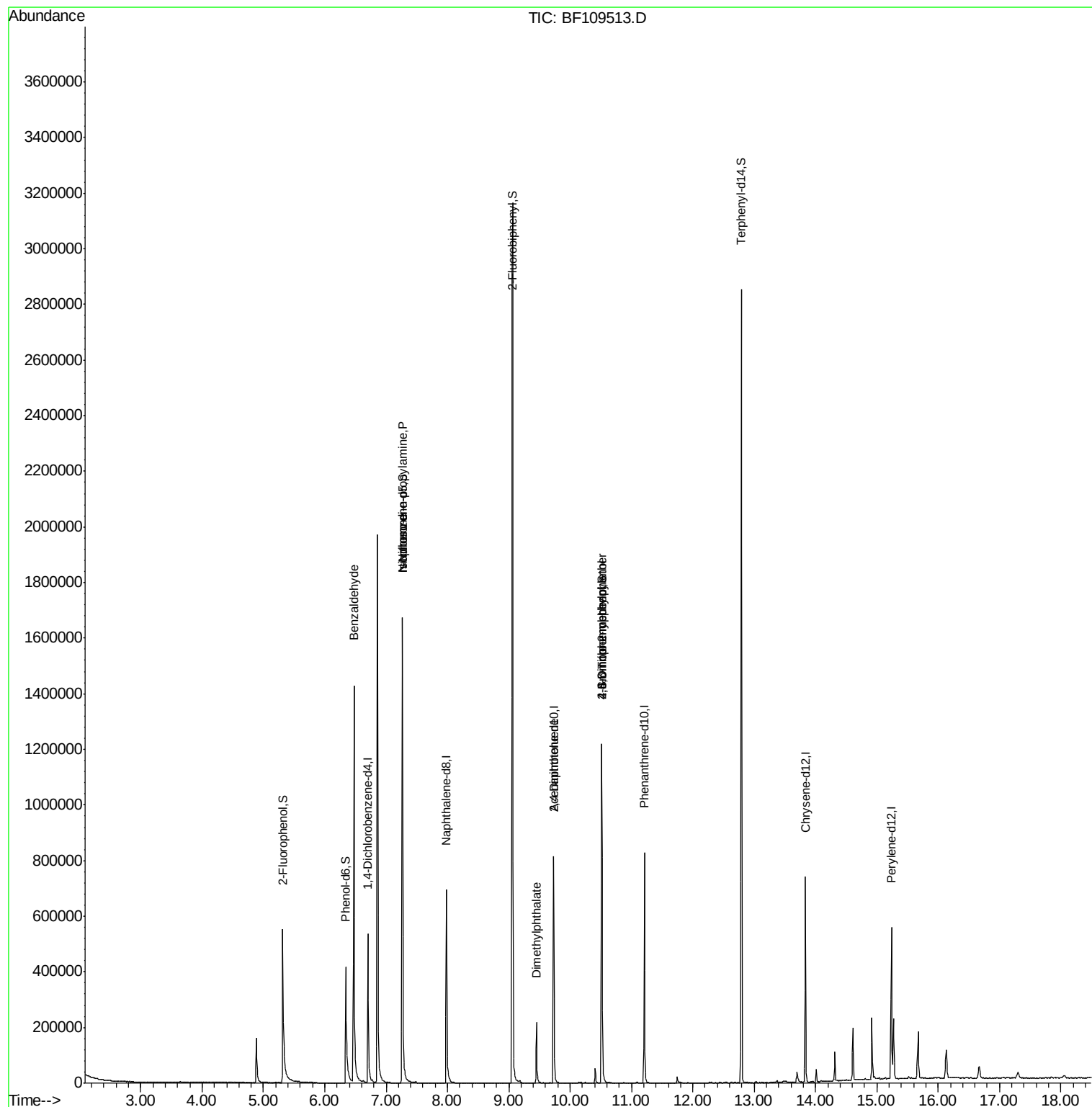
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101946	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	390575	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	176538	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	313550	20.00	ng	0.00
75) Chrysene-d12	13.83	240	261705	20.00	ng	-0.01
86) Perylene-d12	15.24	264	260423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	248276	40.11	ng	0.00
7) Phenol-d6	6.34	99	220976	27.98	ng	-0.02
23) Nitrobenzene-d5	7.27	82	663233	100.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	159251	91.51	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1121862	95.84	ng	-0.01
78) Terphenyl-d14	12.79	244	1018769	95.54	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	10713	2.111	ng	# 66
19) n-Nitroso-di-n-propylamine	7.27	70	90627	17.512	ng	# 75
25) Isophorone	7.27	82	653257	54.829	ng	# 64
49) Dimethylphthalate	9.45	163	100418	7.821	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	22208	6.902	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	109	6.595	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9657	2.774	ng	# 1

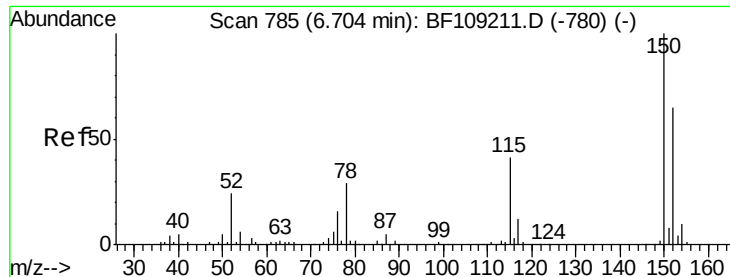
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
Data File : BF109513.D
Acq On : 2 Oct 2018 20:26
Operator : JU/SJ
Sample : J5186-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
092718-TIPC-F-D-B

Quant Time: Oct 03 03:08:54 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



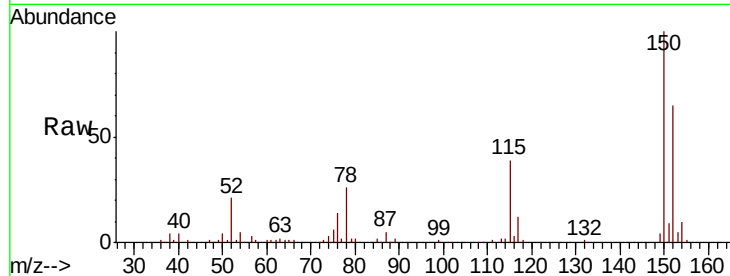


#1

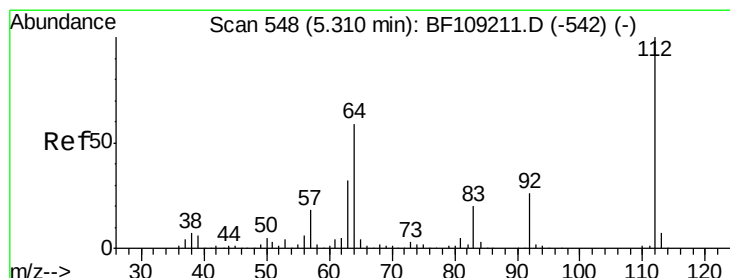
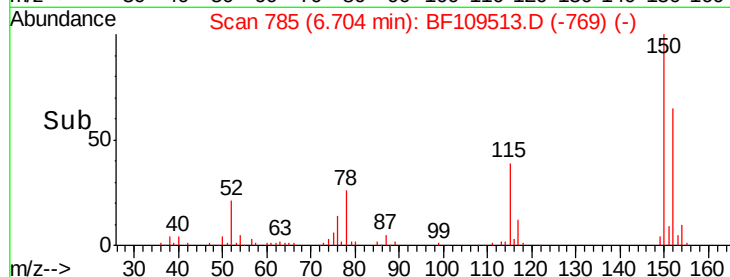
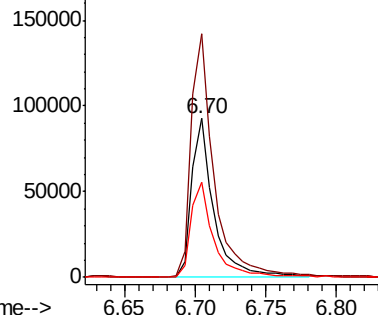
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109513.D
Acq: 2 Oct 2018 20:26

Instrument :
BNA_F
ClientSampleId :
092718-TIPC-F-D-B

Tgt Ion:152 Resp: 101946
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 60.3 50.1 75.1



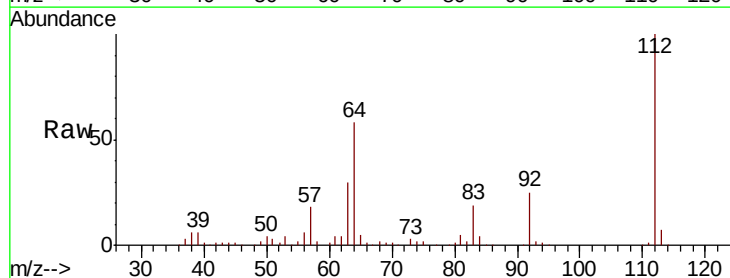
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



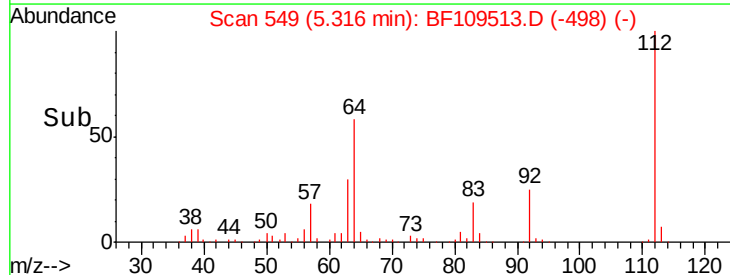
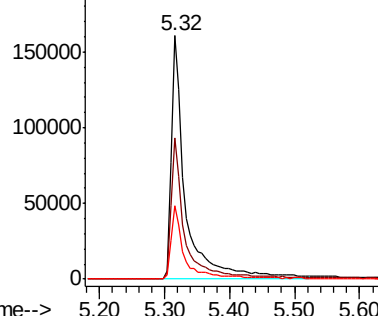
#5

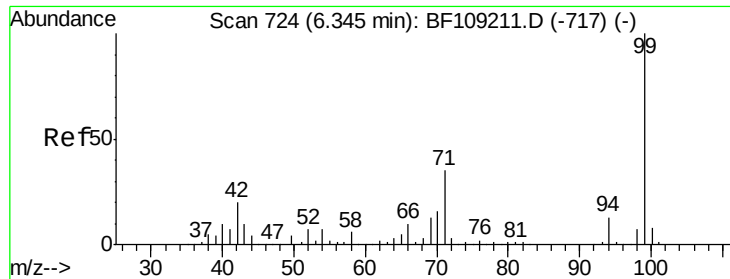
2-Fluorophenol
Concen: 40.112 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109513.D
Acq: 2 Oct 2018 20:26

Tgt Ion:112 Resp: 248276
Ion Ratio Lower Upper
112 100
64 58.0 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: 27.979 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109513.D

Acq: 2 Oct 2018 20:26

Instrument :

BNA_F

ClientSampleId :

092718-TIPC-F-D-B

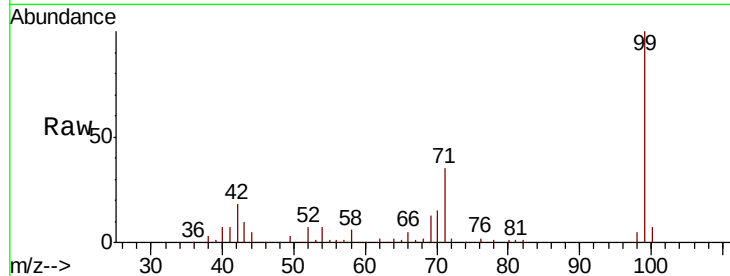
Tgt Ion: 99 Resp: 220976

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

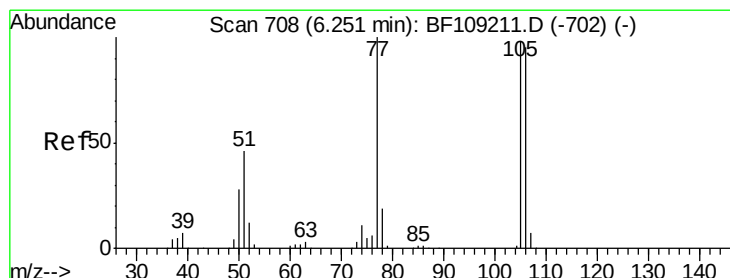
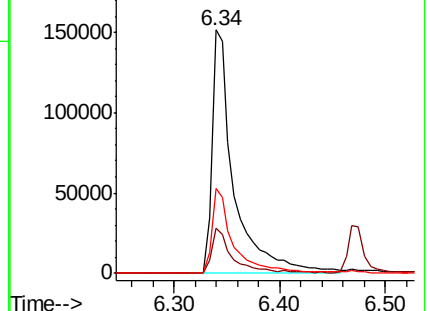
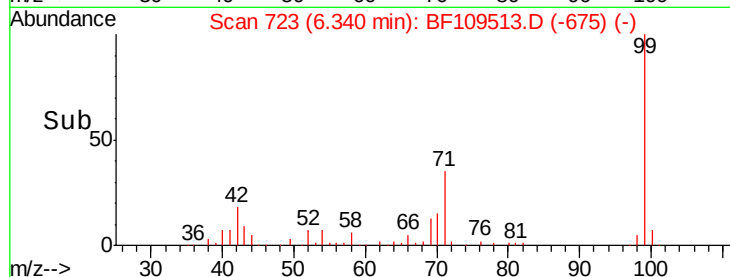
71 34.9 25.4 38.0



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: 2.111 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF109513.D

Acq: 2 Oct 2018 20:26

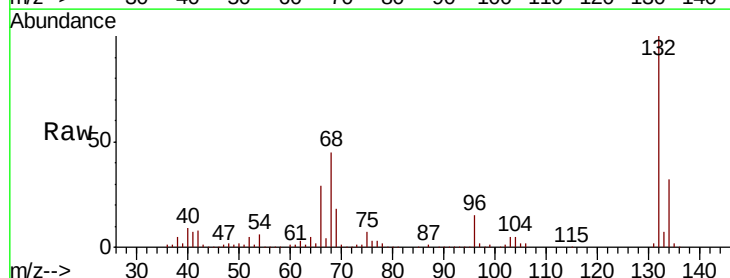
Tgt Ion: 77 Resp: 10713

Ion Ratio Lower Upper

77 100

105 66.7 81.1 121.1#

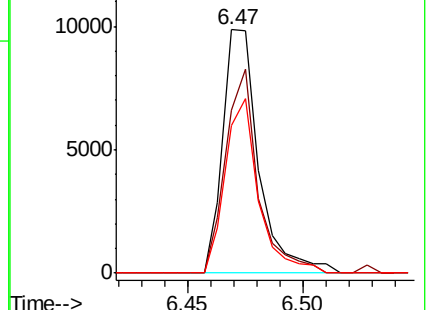
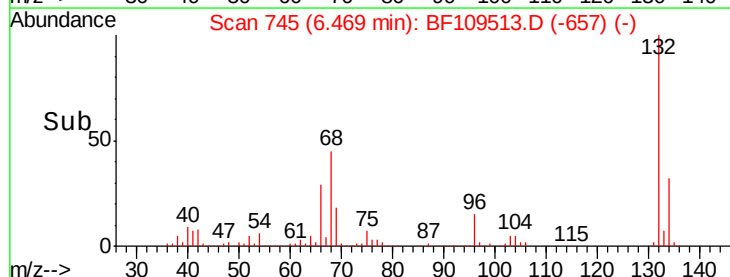
106 60.8 74.5 114.5#

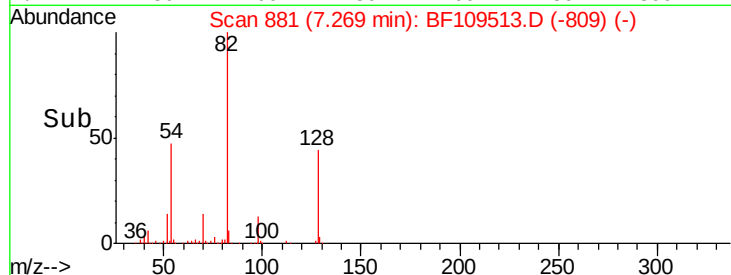
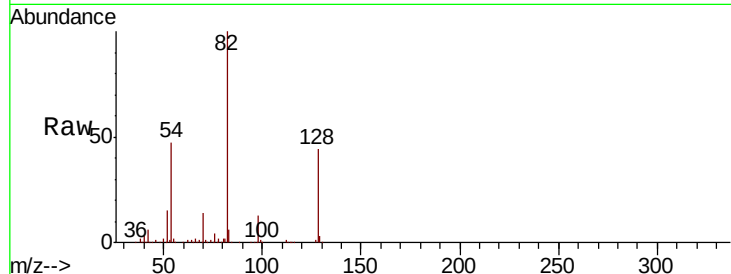
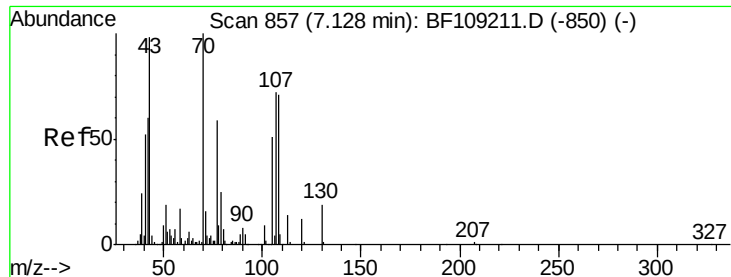


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

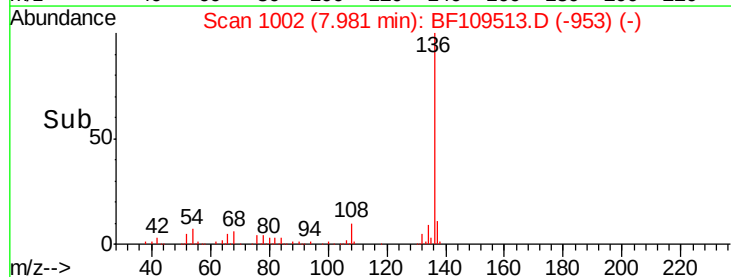
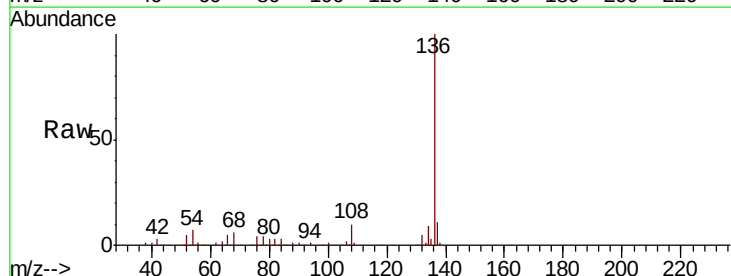
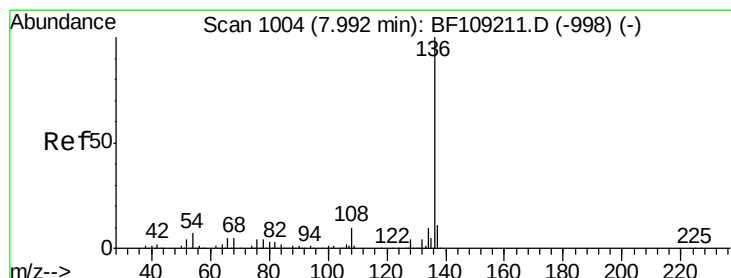
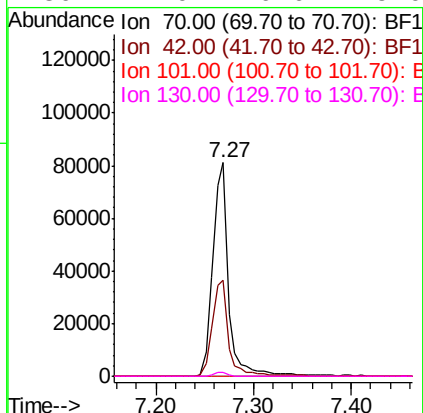




#19
n-Nitroso-di-n-propylamine
Concen: 17.512 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109513.D
Acq: 2 Oct 2018 20:26

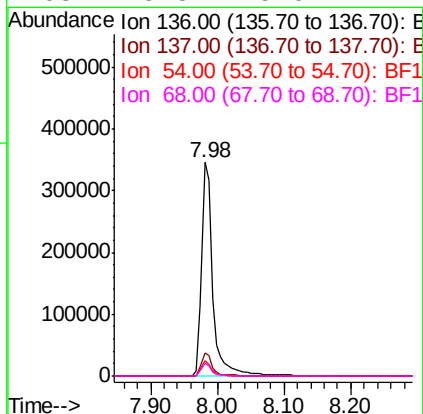
Instrument :
BNA_F
ClientSampleId :
092718-TIPC-F-D-B

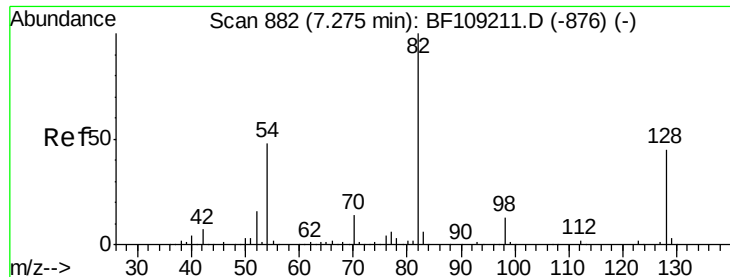
Tgt Ion:	70	Resp:	90627
Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109513.D
Acq: 2 Oct 2018 20:26

Tgt Ion:	136	Resp:	390575
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	5.8	5.0	7.4

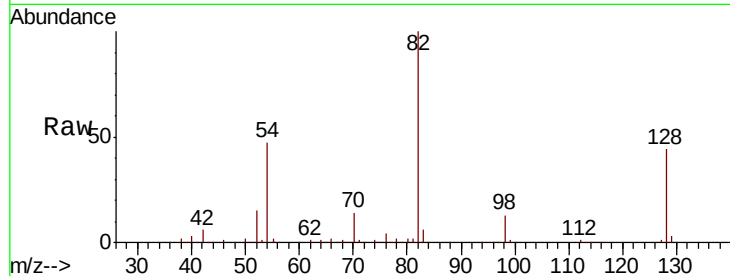




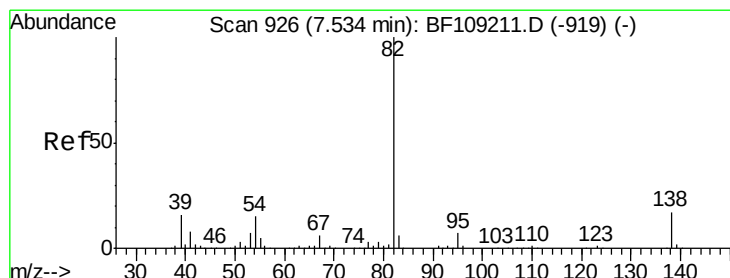
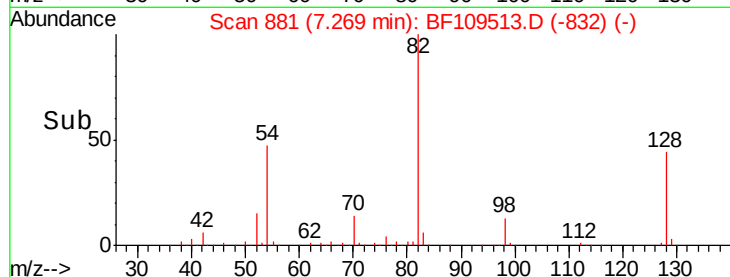
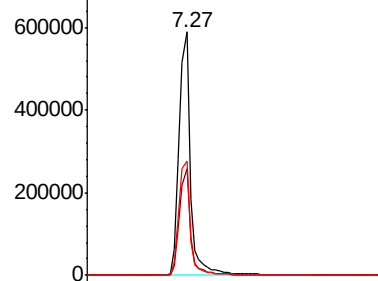
#23
 Nitrobenzene-d5
 Concen: 100.241 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109513.D
 Acq: 2 Oct 2018 20:26

Instrument :
 BNA_F
 ClientSampleId :
 092718-TIPC-F-D-B

Tgt Ion: 82 Resp: 663233
 Ion Ratio Lower Upper
 82 100
 128 43.8 36.1 54.1
 54 47.0 41.4 62.2

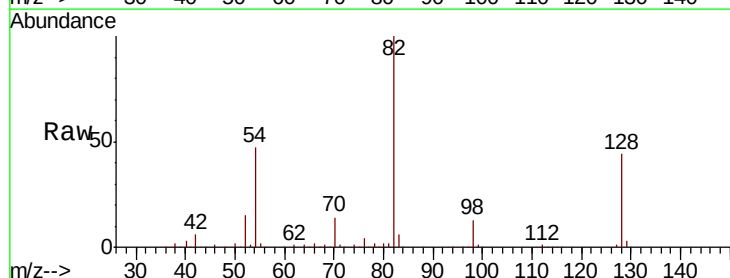


Abundance Ion 82.00 (81.70 to 82.70): BF1
 800000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

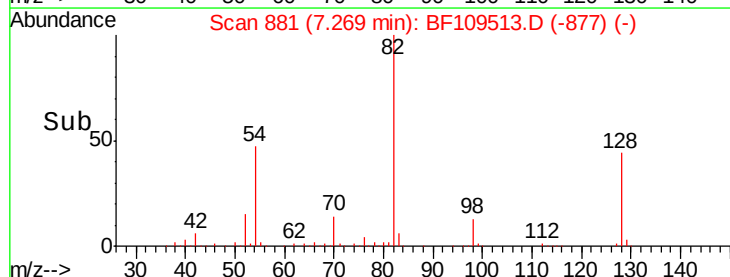
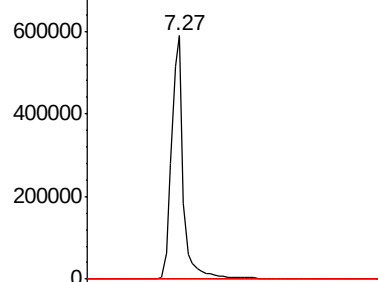


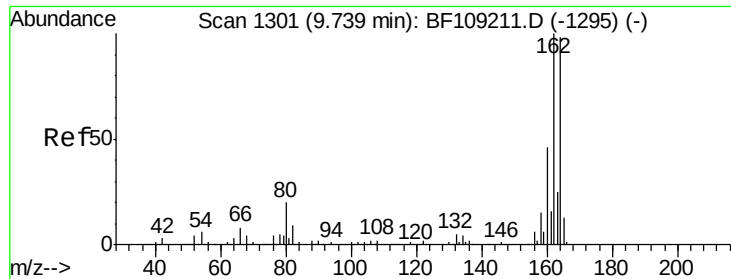
#25
 Isophorone
 Concen: 54.829 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109513.D
 Acq: 2 Oct 2018 20:26

Tgt Ion: 82 Resp: 653257
 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
 800000 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

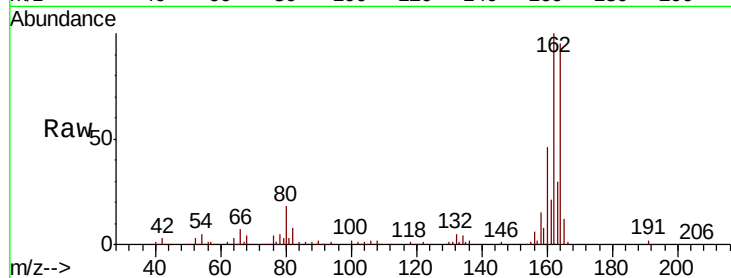




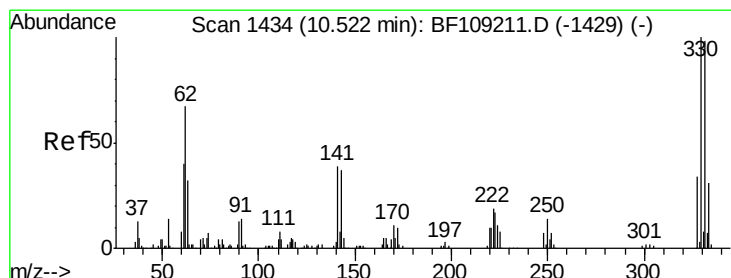
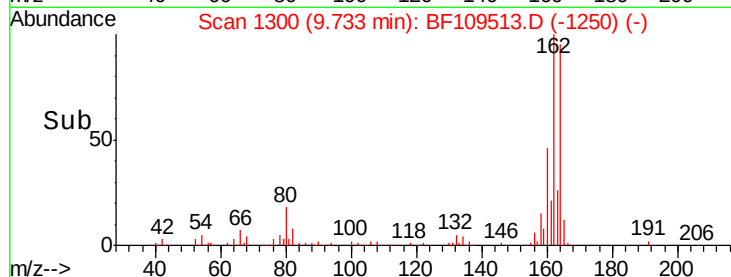
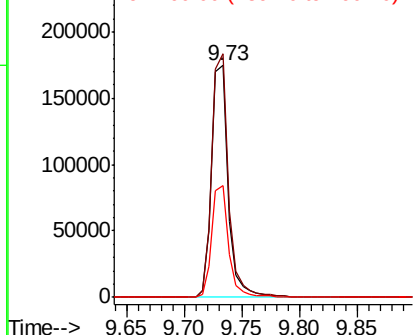
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109513.D
 Acq: 2 Oct 2018 20:26

Instrument :
 BNA_F
 ClientSampleId :
 092718-TIPC-F-D-B

Tgt Ion:164 Resp: 176538
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 48.0 38.3 57.5

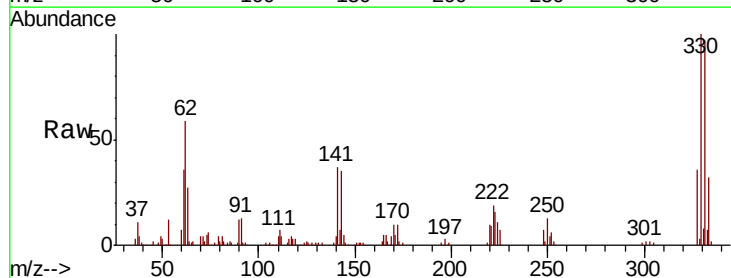


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

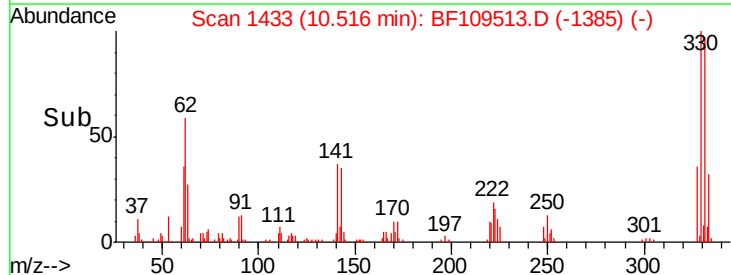
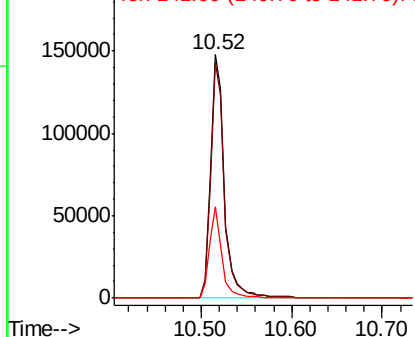


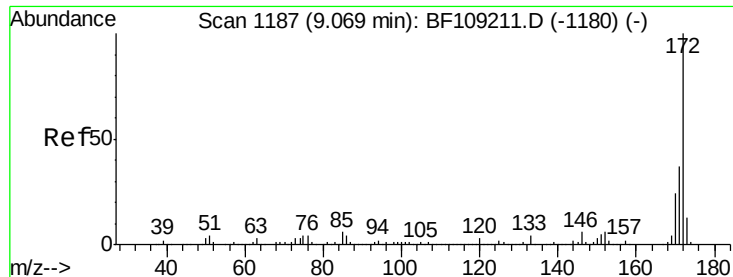
#41
 2,4,6-Tribromophenol
 Concen: 91.508 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109513.D
 Acq: 2 Oct 2018 20:26

Tgt Ion:330 Resp: 159251
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 34.2 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

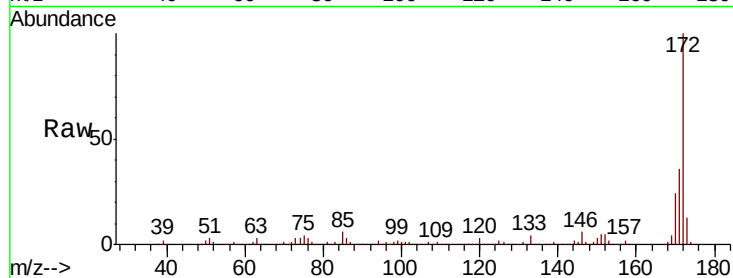




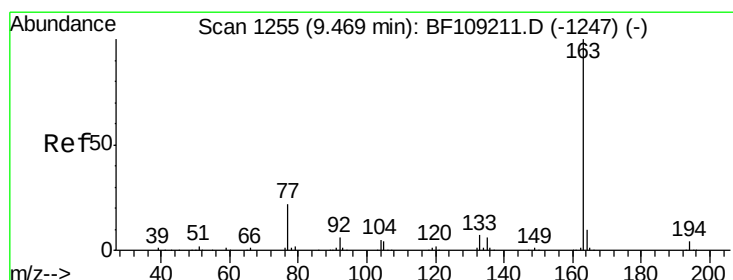
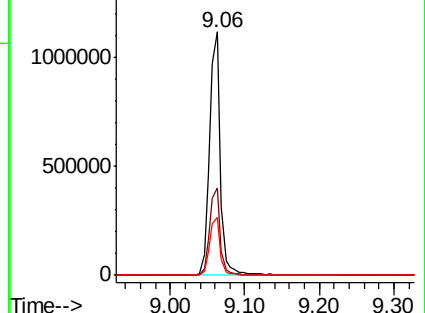
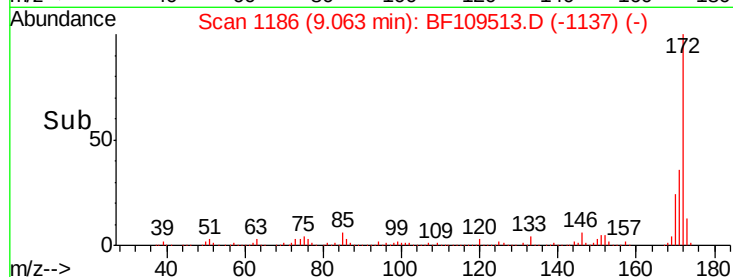
#44
2-Fluorobiphenyl
Concen: 95.842 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109513.D
Acq: 2 Oct 2018 20:26

Instrument :
BNA_F
ClientSampleId :
092718-TIPC-F-D-B

Tgt Ion:172 Resp: 1121862
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.0 19.6 29.4

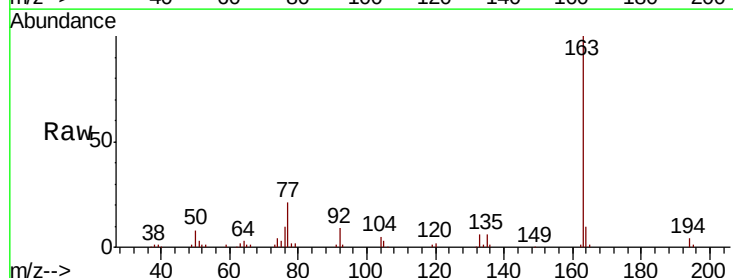


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

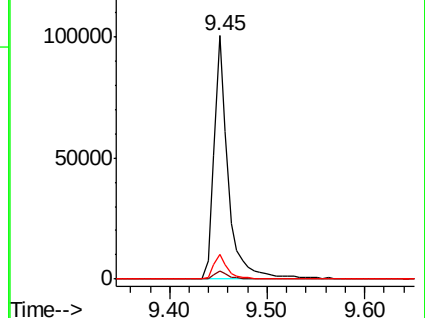
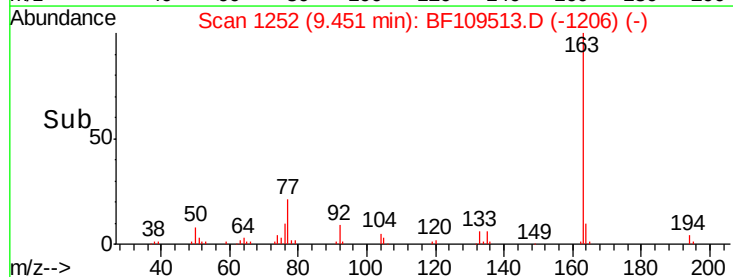


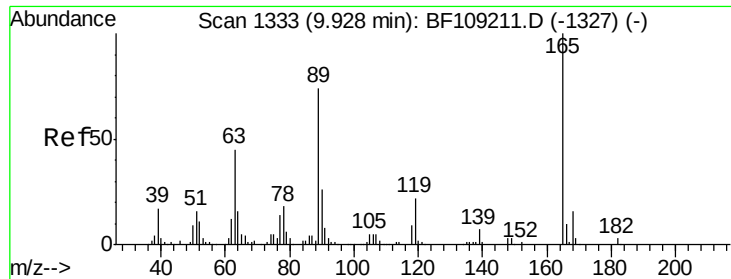
#49
Dimethylphthalate
Concen: 7.821 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109513.D
Acq: 2 Oct 2018 20:26

Tgt Ion:163 Resp: 100418
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
100000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

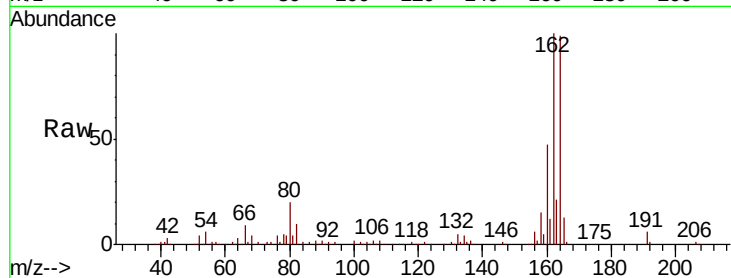




#56
 2,4-Dinitrotoluene
 Concen: 6.902 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109513.D
 Acq: 2 Oct 2018 20:26

Instrument :
 BNA_F
 ClientSampleId :
 092718-TIPC-F-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

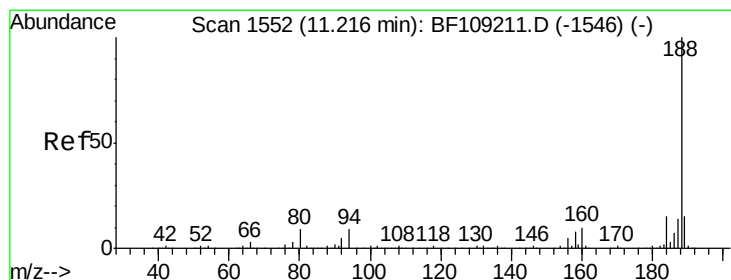
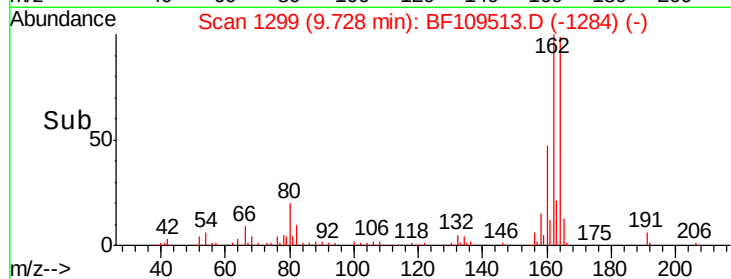
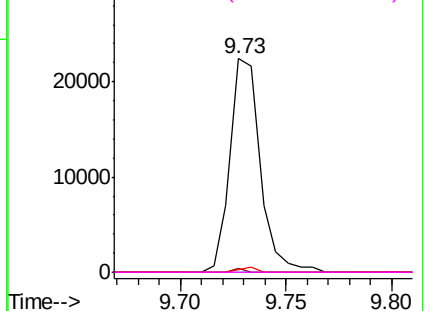


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

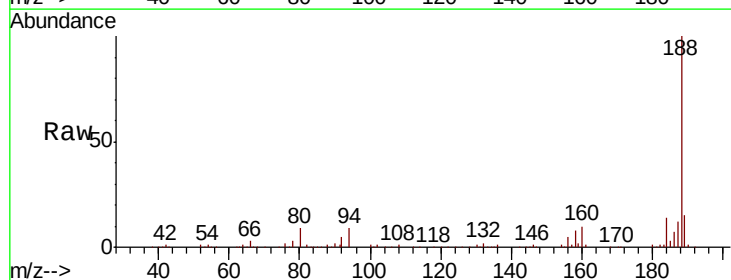
Ion 89.00 (88.70 to 89.70): BF1

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: BF109513.D
 Acq: 2 Oct 2018 20:26

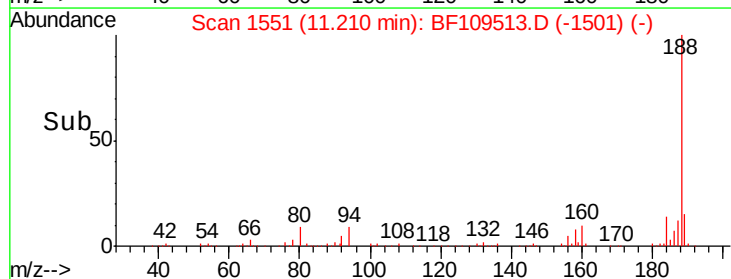
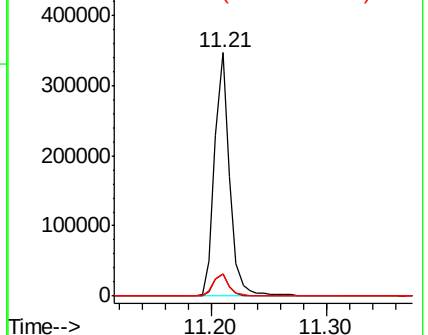
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.2	9.2	13.8

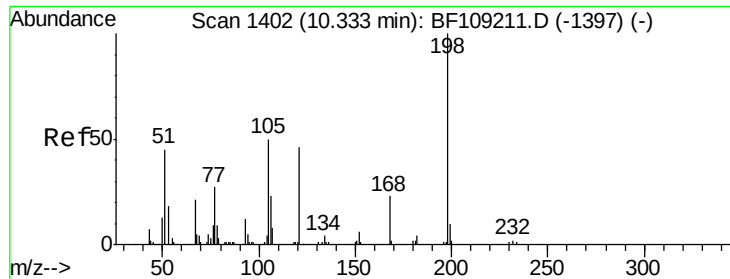


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

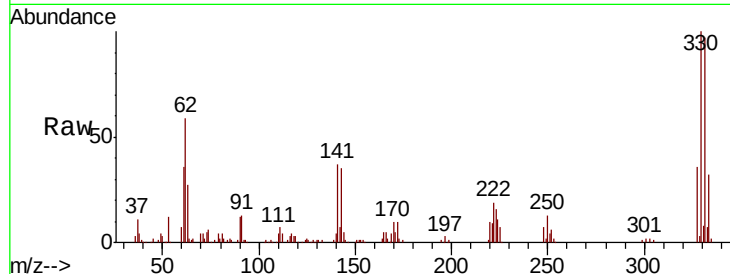




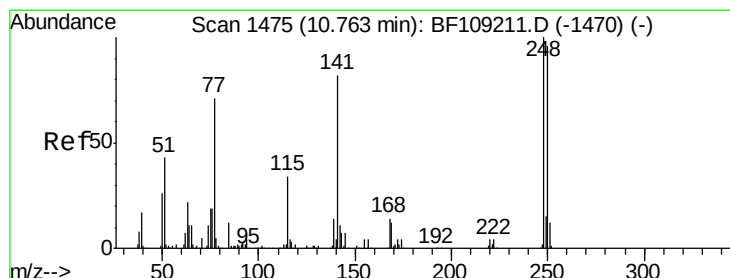
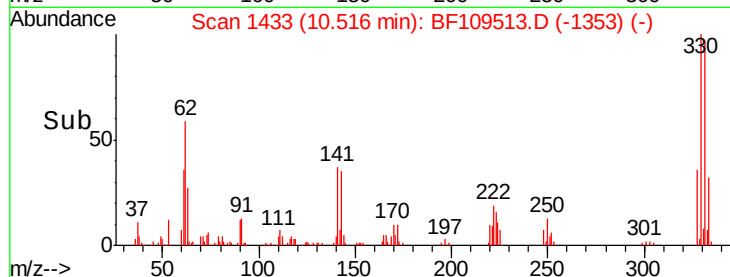
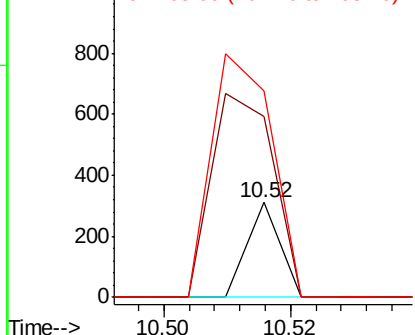
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.595 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109513.D
 Acq: 2 Oct 2018 20:26

Instrument :
 BNA_F
 ClientSampleId :
 092718-TIPC-F-D-B

Tgt Ion:198 Resp: 109
 Ion Ratio Lower Upper
 198 100
 51 190.6 37.7 77.7#
 105 218.4 36.3 76.3#

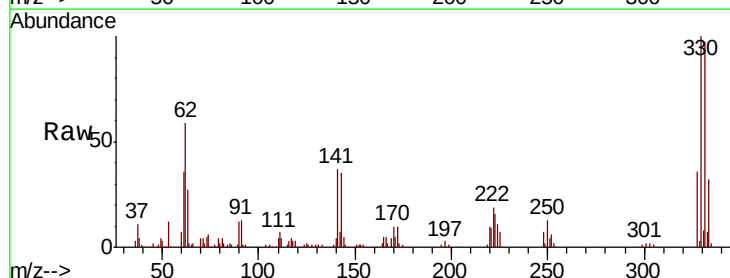


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

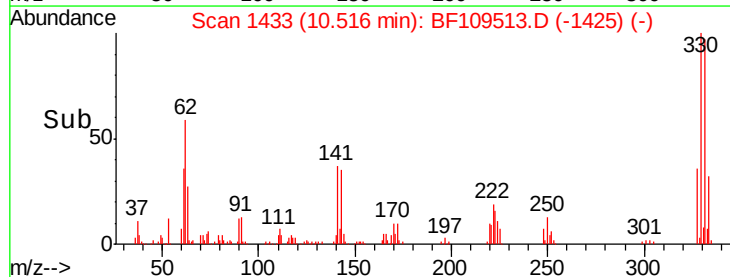
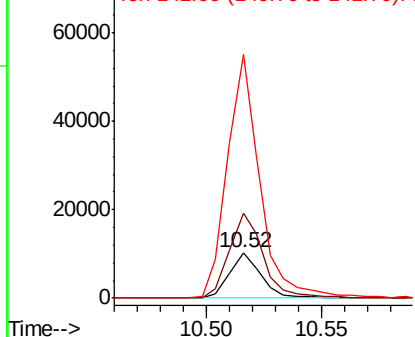


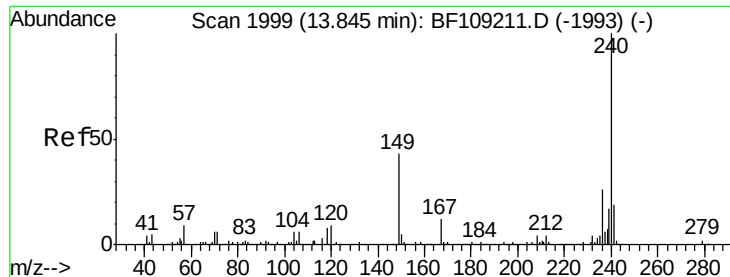
#66
 4-Bromophenyl-phenylether
 Concen: 2.774 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF109513.D
 Acq: 2 Oct 2018 20:26

Tgt Ion:248 Resp: 9657
 Ion Ratio Lower Upper
 248 100
 250 186.8 76.9 115.3#
 141 537.8 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: BF109513.D

Acq: 2 Oct 2018 20:26

Instrument :

BNA_F

ClientSampleId :

092718-TIPC-F-D-B

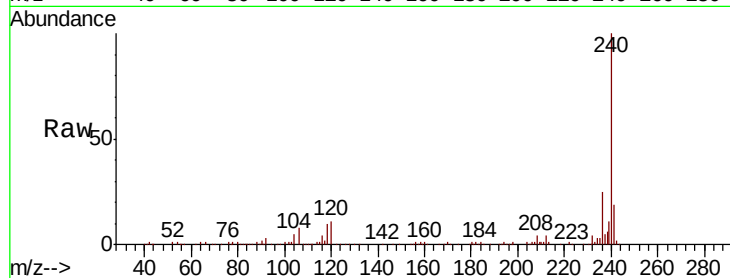
Tgt Ion:240 Resp: 261705

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

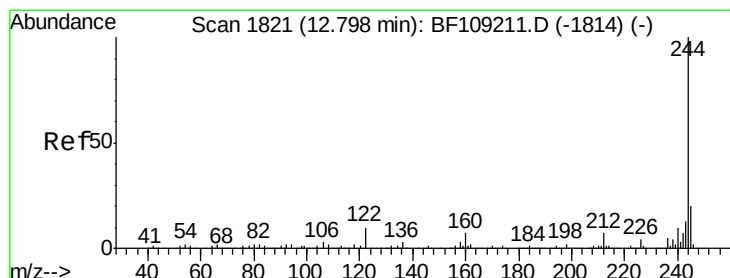
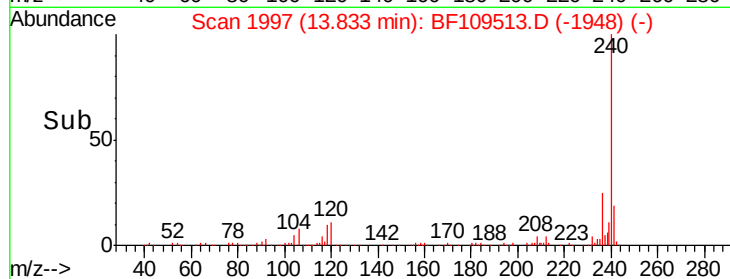
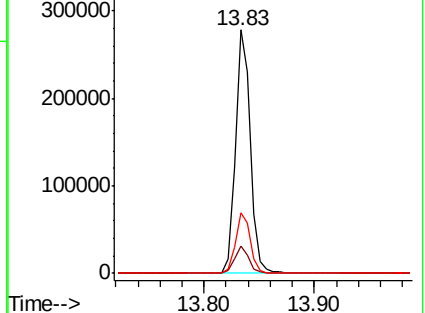
236 24.6 20.7 31.1



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: 95.536 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109513.D

Acq: 2 Oct 2018 20:26

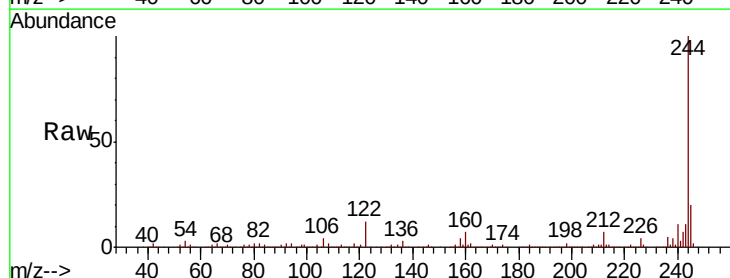
Tgt Ion:244 Resp: 1018769

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

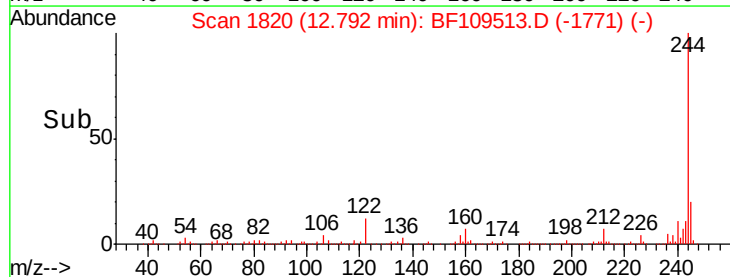
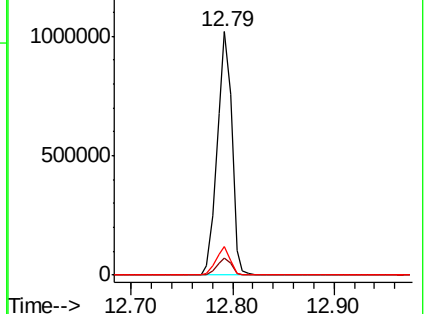
122 11.8 11.0 16.4

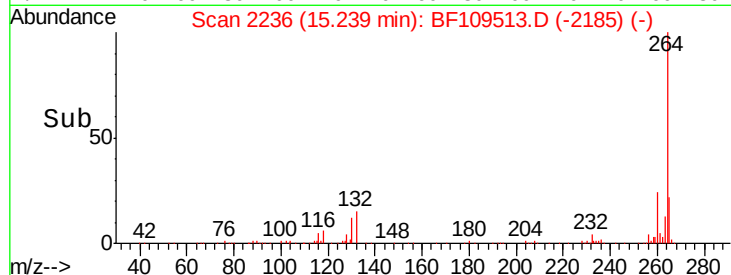
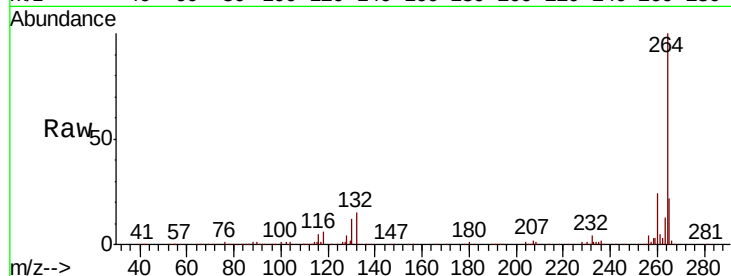
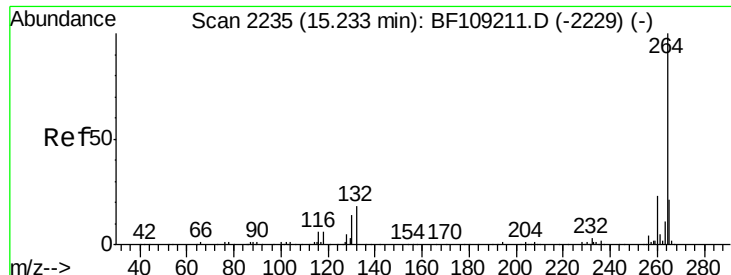


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109513.D
Acq: 2 Oct 2018 20:26

Instrument :
BNA_F
ClientSampleId :
092718-TIPC-F-D-B

Tgt Ion:	264	Resp:	260423
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.5	26.3

