

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109515.D
 Acq On : 2 Oct 2018 21:19
 Operator : JU/SJ
 Sample : J5186-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Oct 03 03:09:12 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

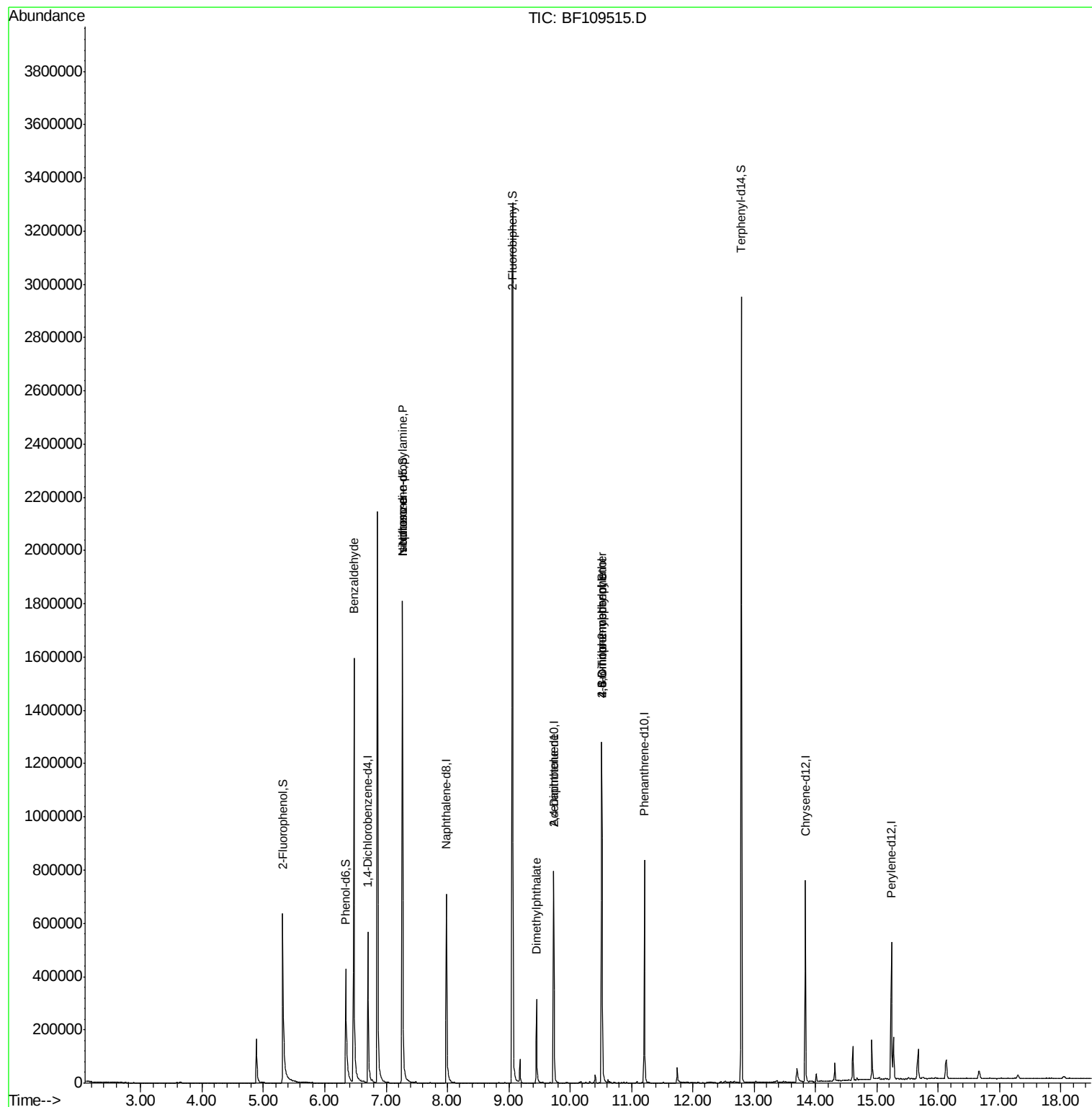
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103527	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	390952	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	173160	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	304470	20.00	ng	0.00
75) Chrysene-d12	13.83	240	245188	20.00	ng	-0.01
86) Perylene-d12	15.24	264	255722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	281055	44.71	ng	0.00
7) Phenol-d6	6.35	99	230130	28.69	ng	-0.01
23) Nitrobenzene-d5	7.27	82	697714	105.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	164615	96.44	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1168189	101.75	ng	-0.01
78) Terphenyl-d14	12.79	244	1031179	103.21	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	11744	2.279	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	93399	17.772	ng	# 76
25) Isophorone	7.27	82	689744	57.836	ng	# 64
49) Dimethylphthalate	9.45	163	138000	10.957	ng	100
56) 2,4-Dinitrotoluene	9.73	165	21946	6.953	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.52	198	141	6.620	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9941	2.940	ng	# 1

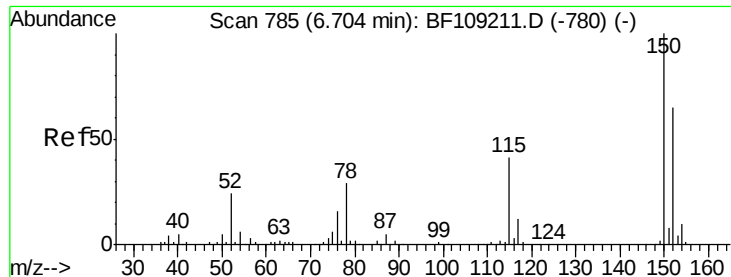
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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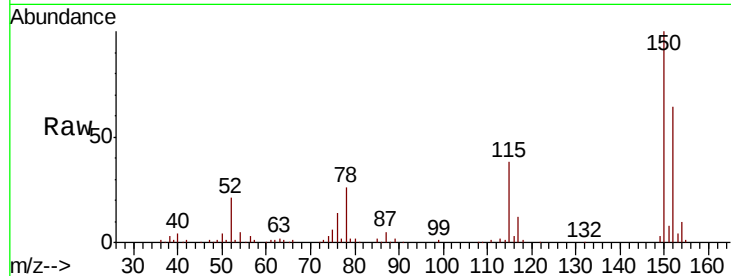




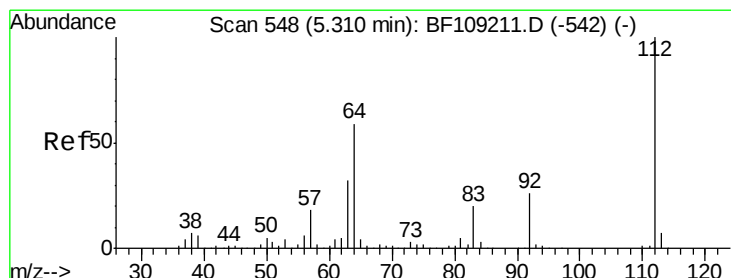
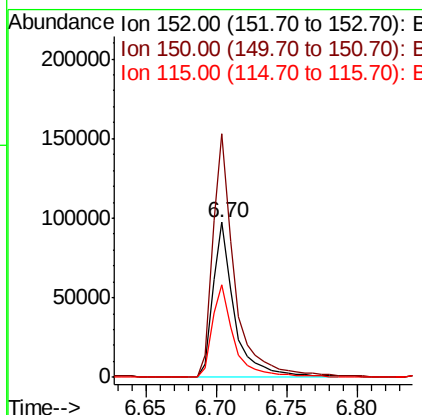
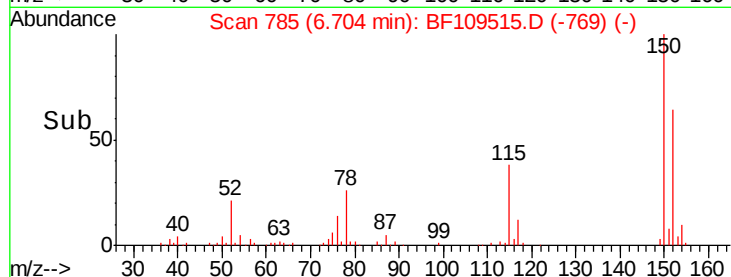
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109515.D
 Acq: 2 Oct 2018 21:19

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

Tgt Ion:152 Resp: 103527
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 59.8 50.1 75.1

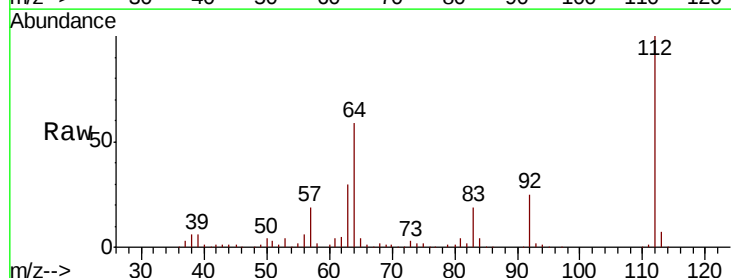


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

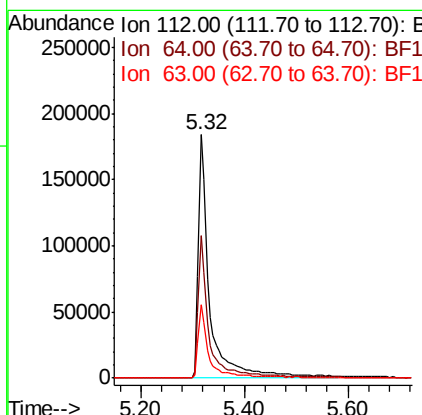
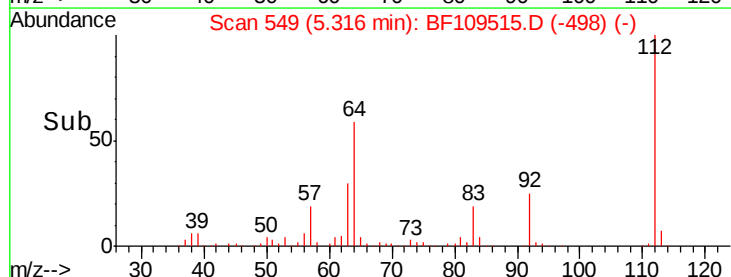


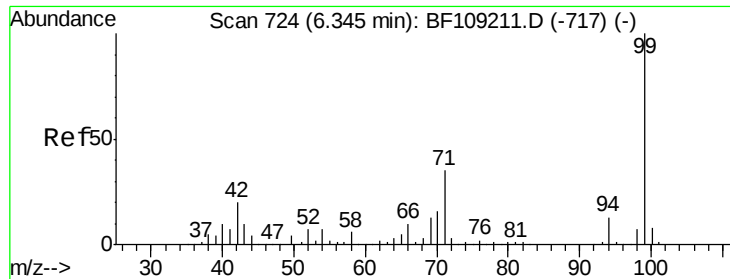
#5
 2-Fluorophenol
 Concen: 44.715 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109515.D
 Acq: 2 Oct 2018 21:19

Tgt Ion:112 Resp: 281055
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 29.9 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: 28.693 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109515.D

Acq: 2 Oct 2018 21:19

Instrument :

BNA_F

ClientSampleId :

092718-TIPC-F-U-B

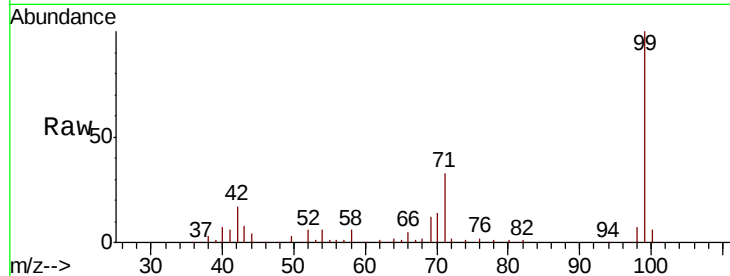
Tgt Ion: 99 Resp: 230130

Ion Ratio Lower Upper

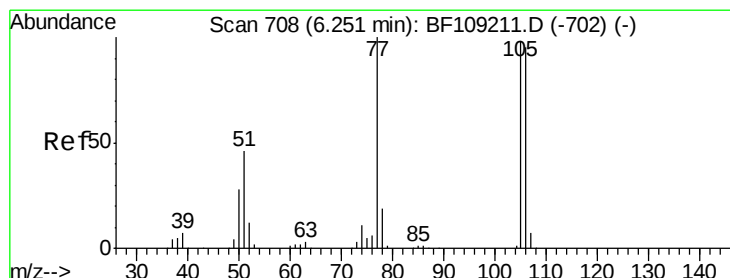
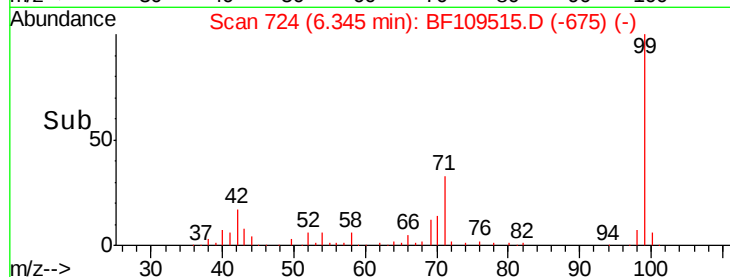
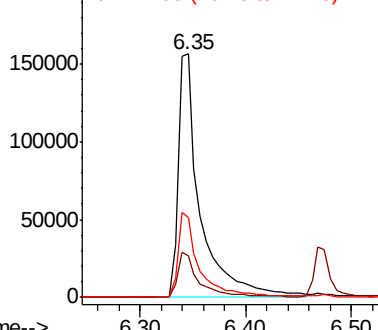
99 100

42 16.8 14.5 21.7

71 32.8 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: 2.279 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109515.D

Acq: 2 Oct 2018 21:19

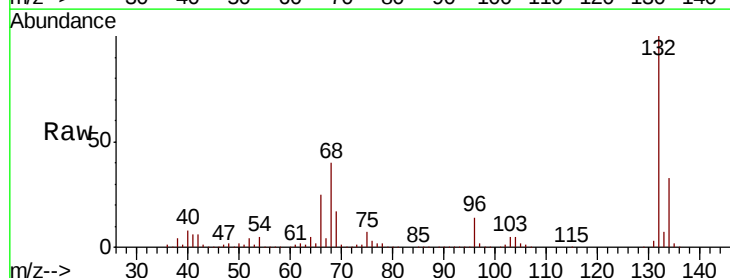
Tgt Ion: 77 Resp: 11744

Ion Ratio Lower Upper

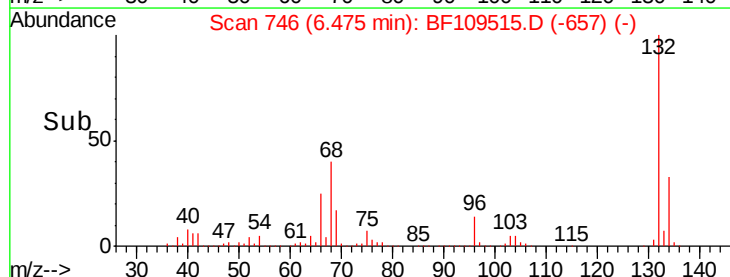
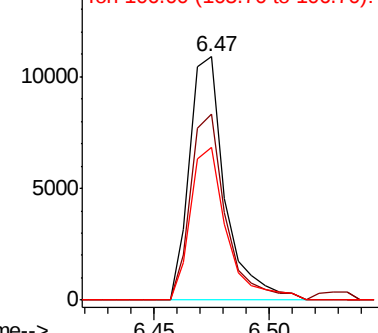
77 100

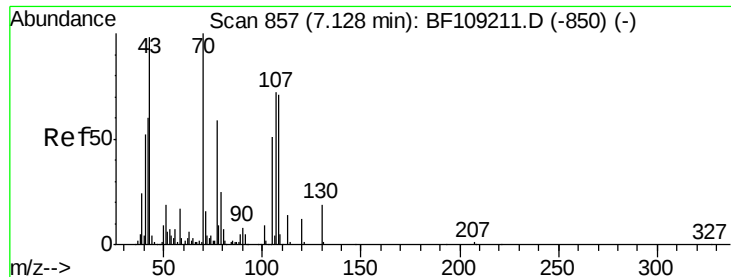
105 76.3 81.1 121.1#

106 63.0 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

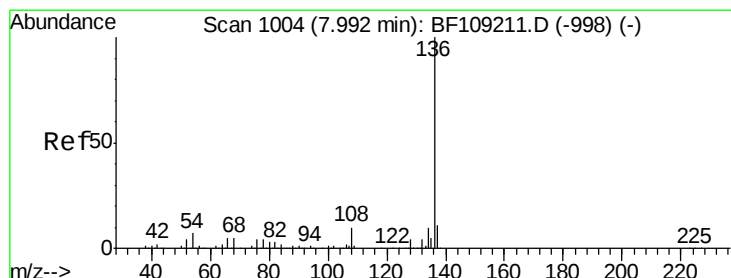
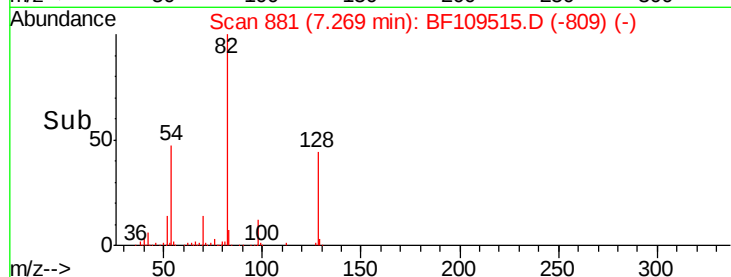
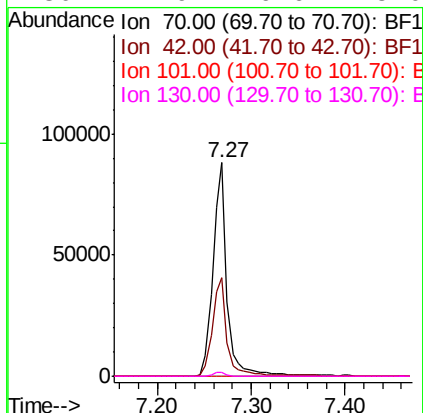
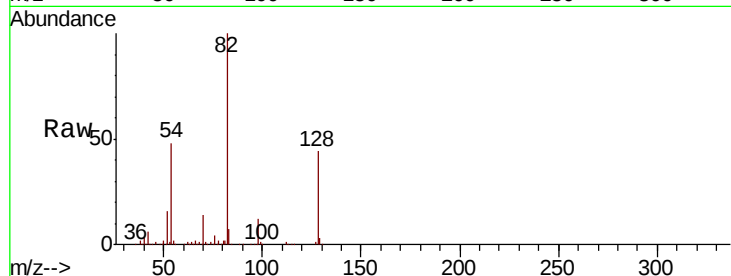




#19
n-Nitroso-di-n-propylamine
Concen: 17.772 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109515.D
Acq: 2 Oct 2018 21:19

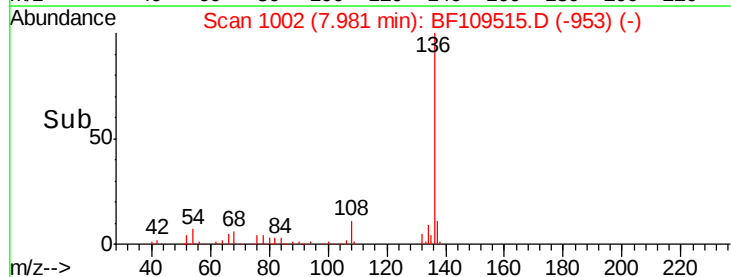
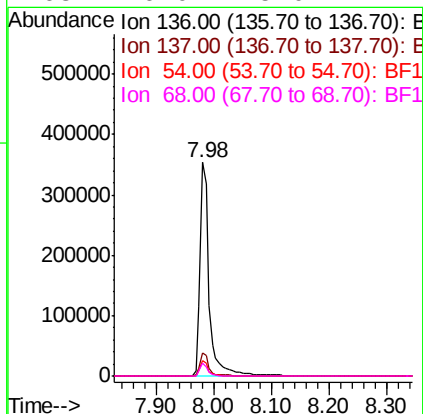
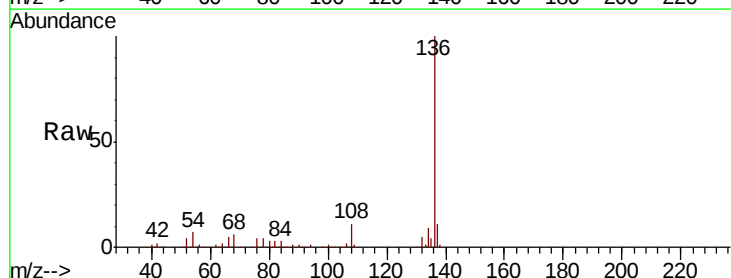
Instrument :
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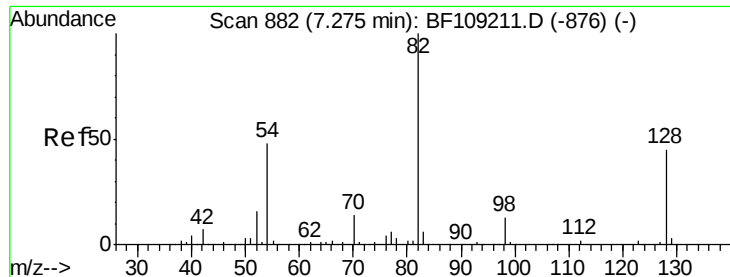
Tgt Ion: 70 Resp: 93399
Ion Ratio Lower Upper
70 100
42 46.4 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109515.D
Acq: 2 Oct 2018 21:19

Tgt Ion: 136 Resp: 390952
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 6.6 9.8
68 6.0 5.0 7.4

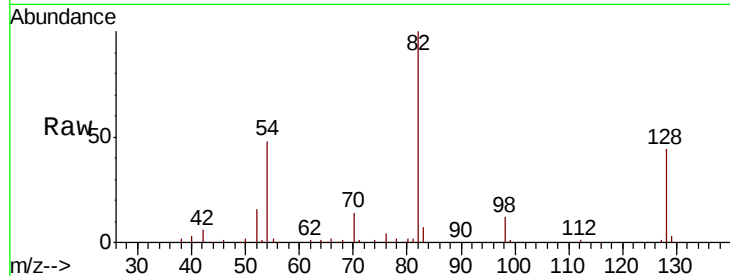




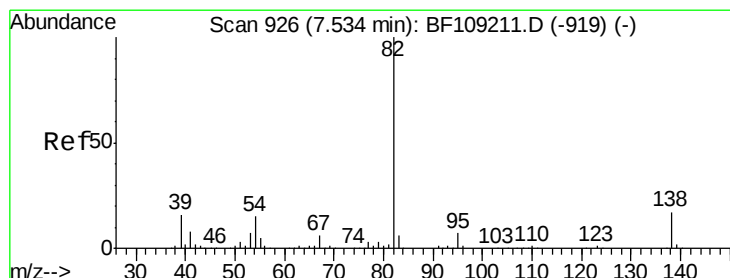
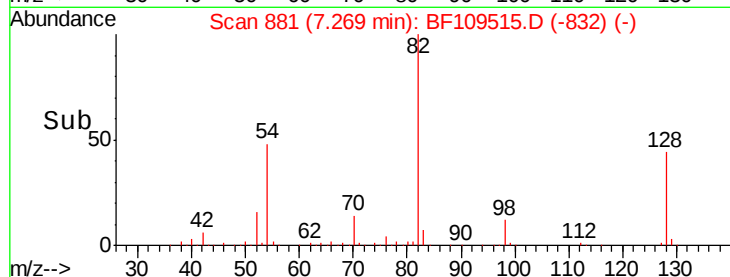
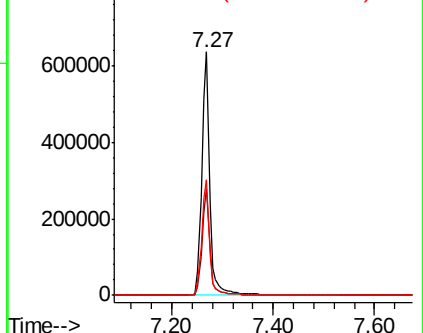
#23
 Nitrobenzene-d5
 Concen: 105.351 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109515.D
 Acq: 2 Oct 2018 21:19

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

Tgt Ion: 82 Resp: 697714
 Ion Ratio Lower Upper
 82 100
 128 43.6 36.1 54.1
 54 47.6 41.4 62.2

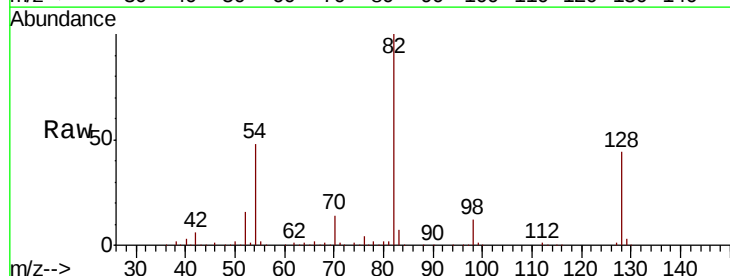


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

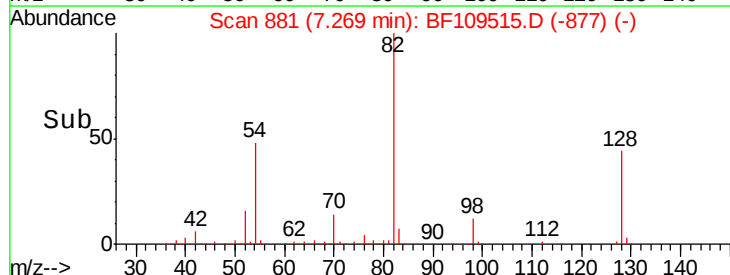
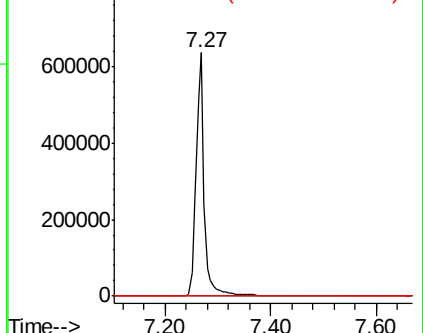


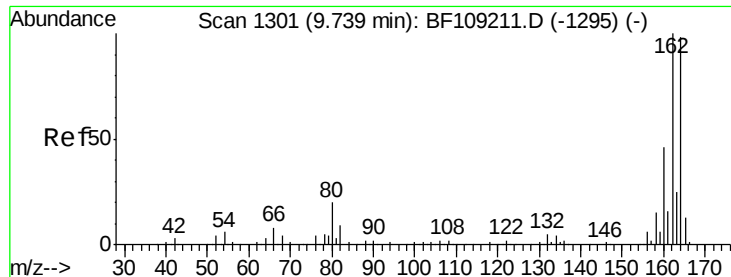
#25
 Isophorone
 Concen: 57.836 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109515.D
 Acq: 2 Oct 2018 21:19

Tgt Ion: 82 Resp: 689744
 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: BF109515.D

Acq: 2 Oct 2018 21:19

Instrument :

BNA_F

ClientSampleId :

092718-TIPC-F-U-B

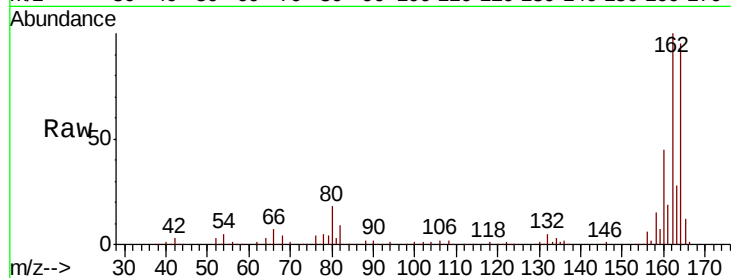
Tgt Ion:164 Resp: 173160

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

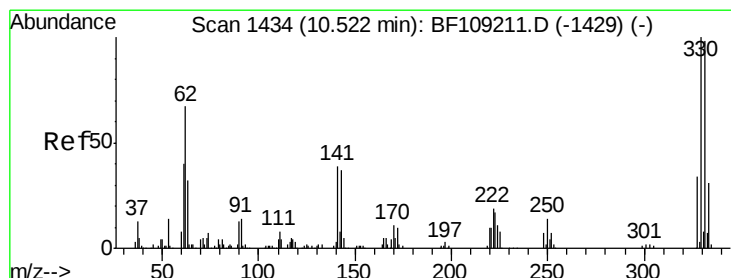
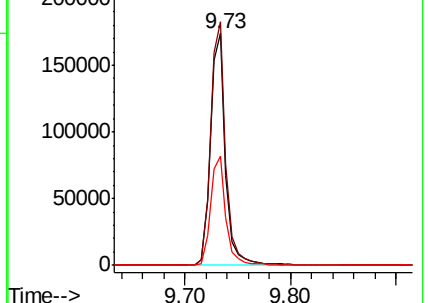
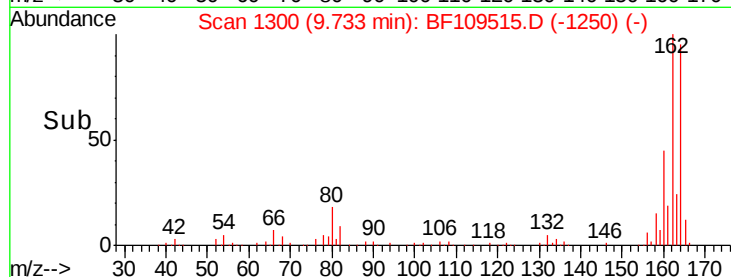
160 47.3 38.3 57.5



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: 96.435 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF109515.D

Acq: 2 Oct 2018 21:19

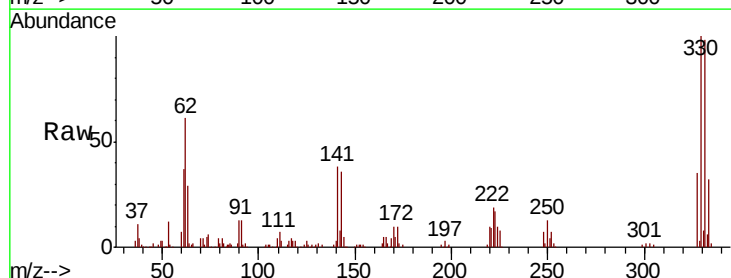
Tgt Ion:330 Resp: 164615

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

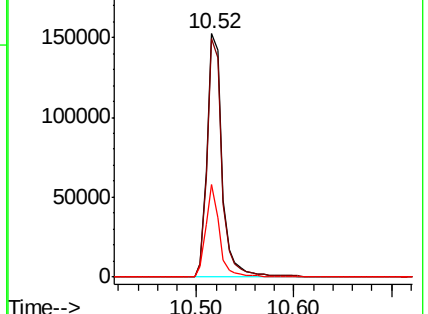
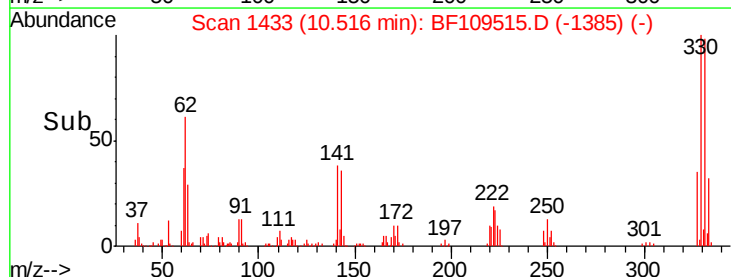
141 34.2 29.9 44.9

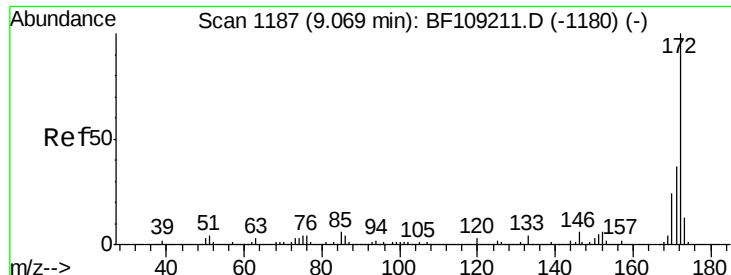


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

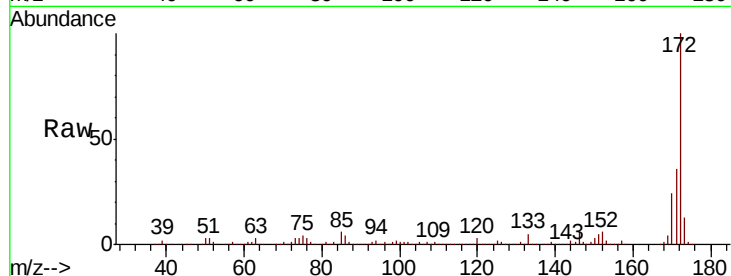




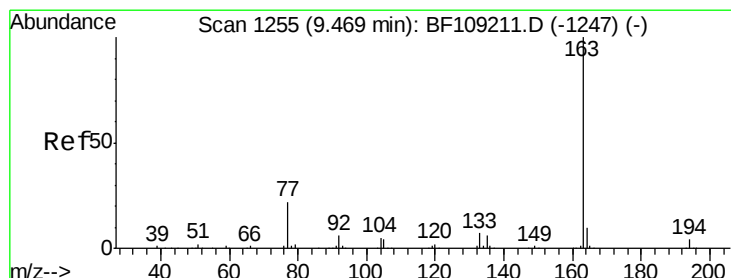
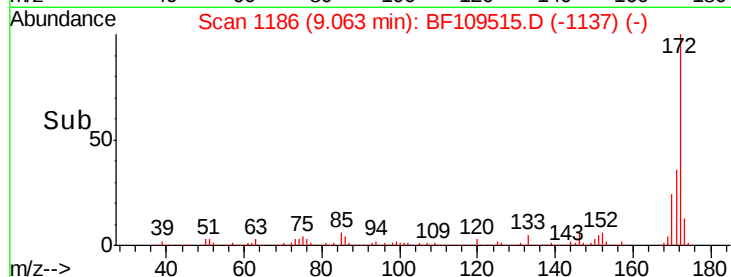
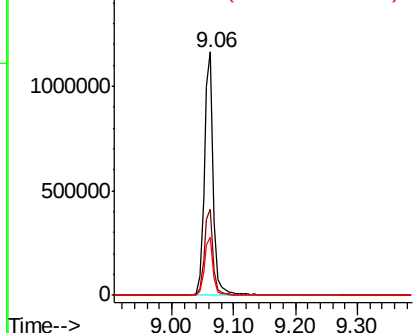
#44
 2-Fluorobiphenyl
 Concen: 101.747 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109515.D
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Tgt Ion:172 Resp: 1168189
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.7 19.6 29.4

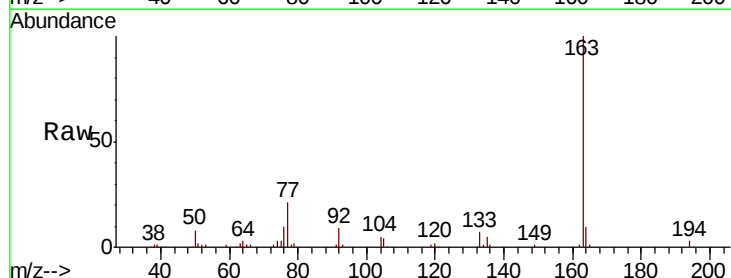


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

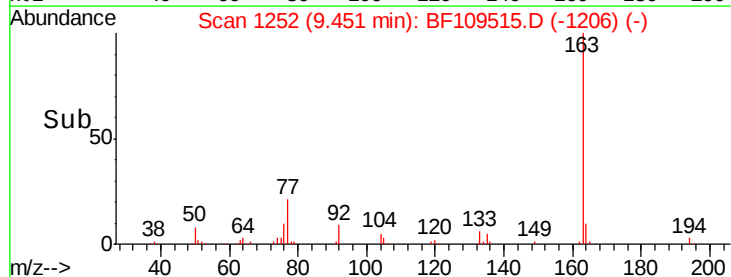
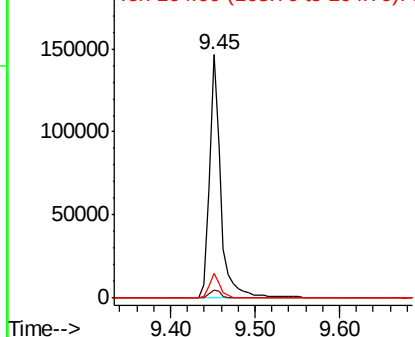


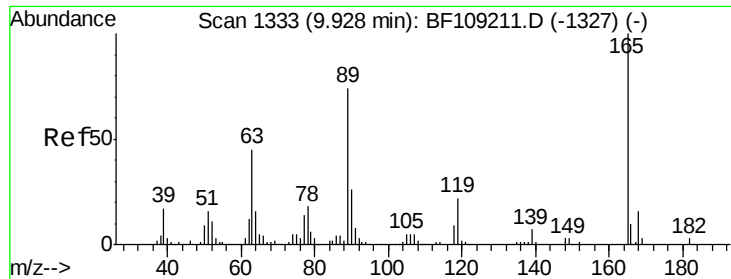
#49
 Dimethylphthalate
 Concen: 10.957 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109515.D
 Acq: 2 Oct 2018 21:19

Tgt Ion:163 Resp: 138000
 Ion Ratio Lower Upper
 163 100
 194 3.5 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

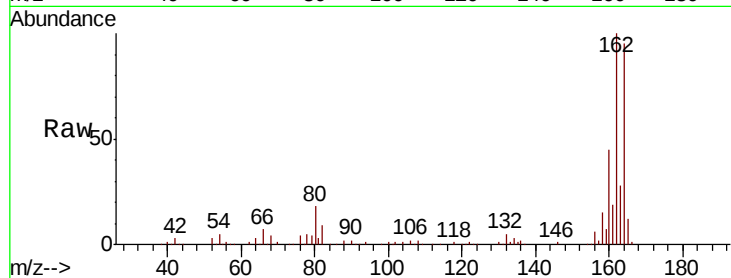




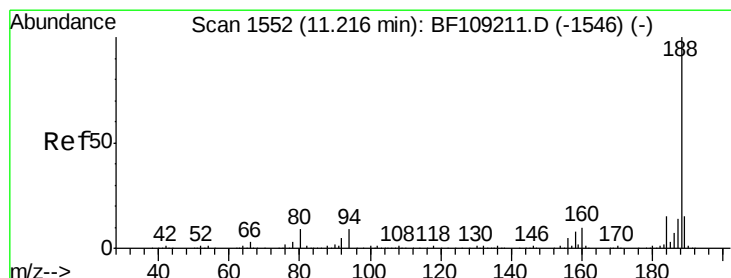
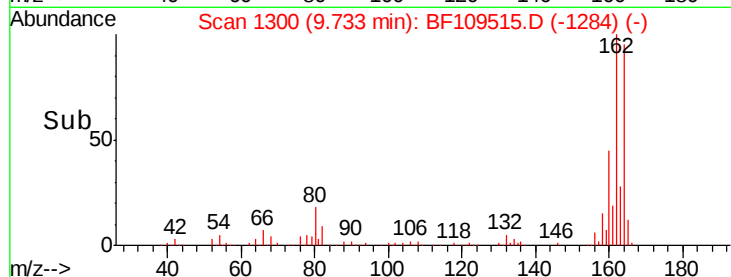
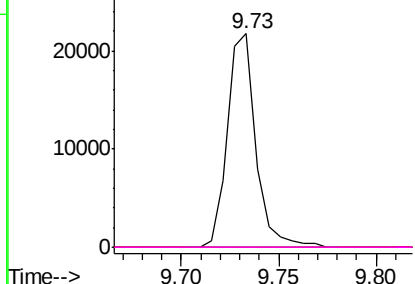
#56
 2,4-Dinitrotoluene
 Concen: 6.953 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109515.D
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Instrument :
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Tgt Ion:	165	Resp:	21946
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

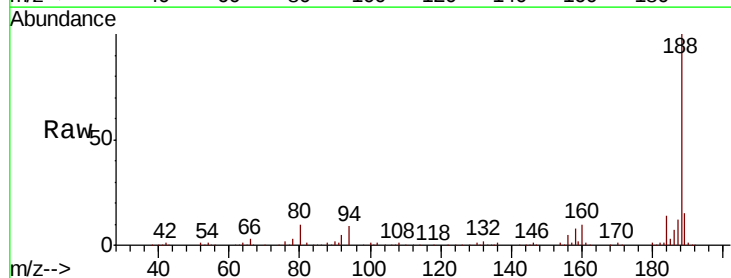


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

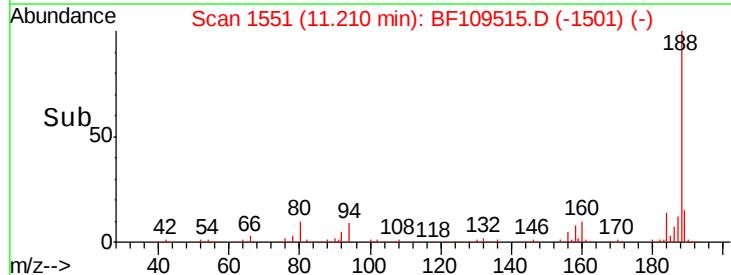
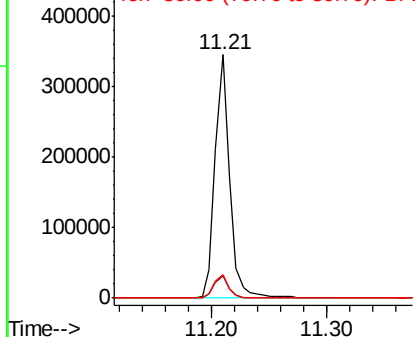


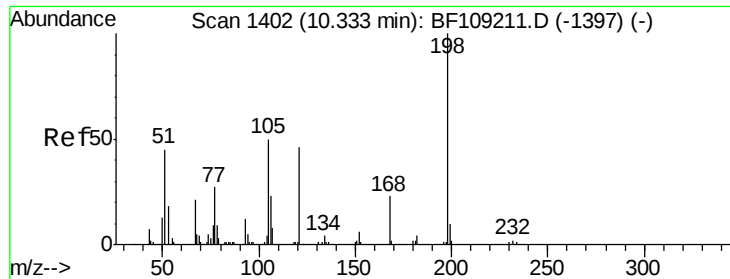
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109515.D
 Acq: 2 Oct 2018 21:19

Tgt Ion:	188	Resp:	304470
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	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

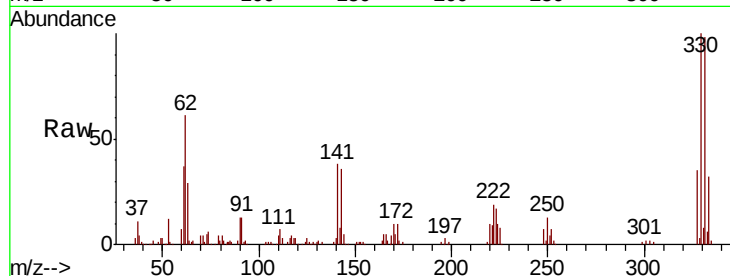




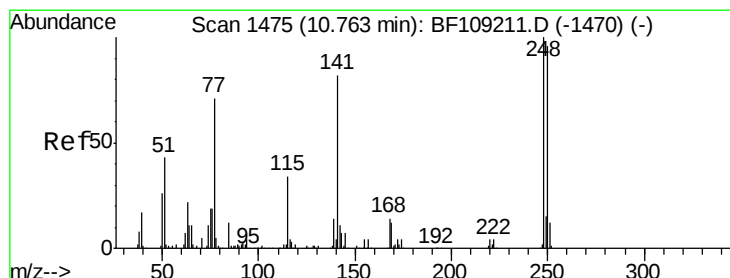
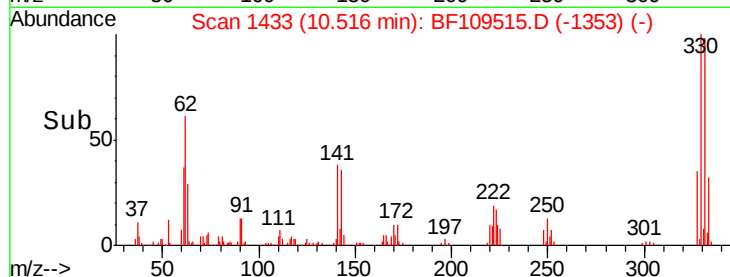
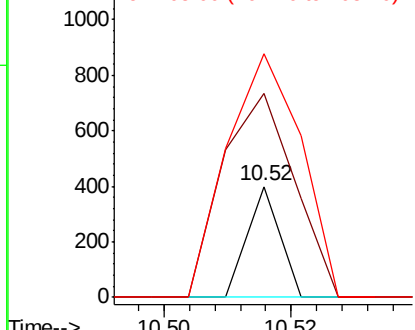
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.620 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109515.D
 Acq: 2 Oct 2018 21:19

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

Tgt Ion:198 Resp: 141
 Ion Ratio Lower Upper
 198 100
 51 184.0 37.7 77.7#
 105 219.8 36.3 76.3#

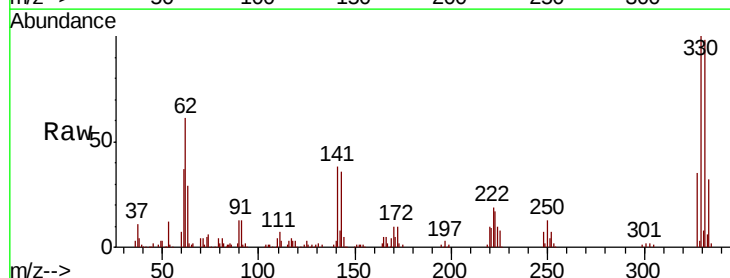


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

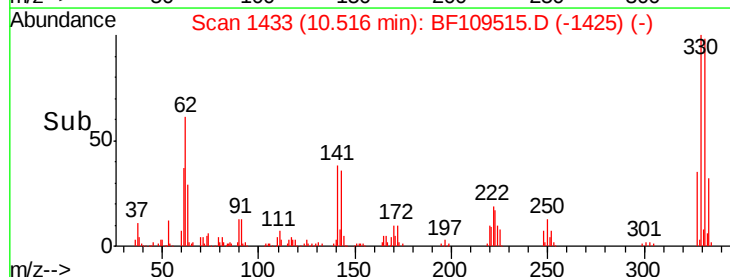
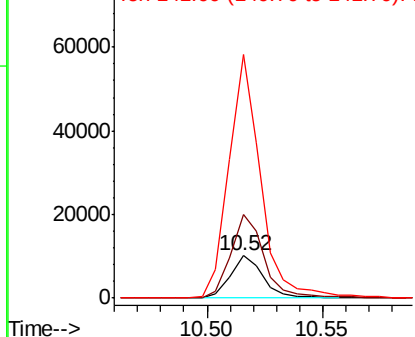


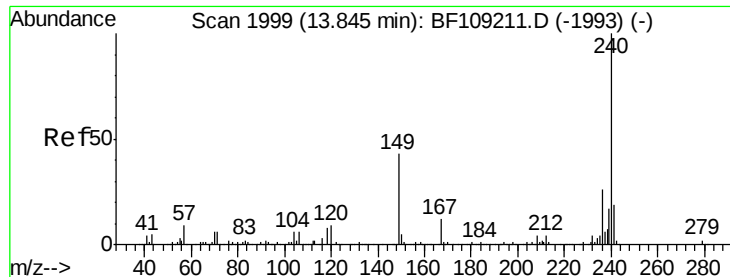
#66
 4-Bromophenyl-phenylether
 Concen: 2.940 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF109515.D
 Acq: 2 Oct 2018 21:19

Tgt Ion:248 Resp: 9941
 Ion Ratio Lower Upper
 248 100
 250 196.7 76.9 115.3#
 141 575.4 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: BF109515.D

Acq: 2 Oct 2018 21:19

Instrument :

BNA_F

ClientSampleId :

092718-TIPC-F-U-B

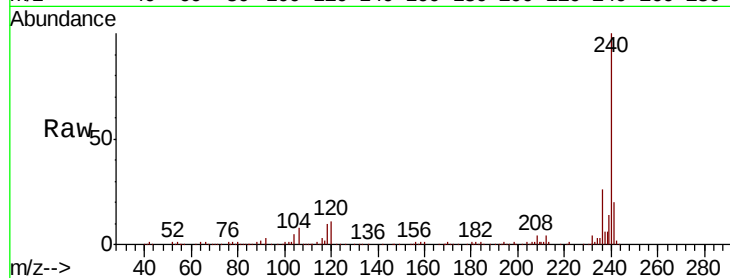
Tgt Ion:240 Resp: 245188

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

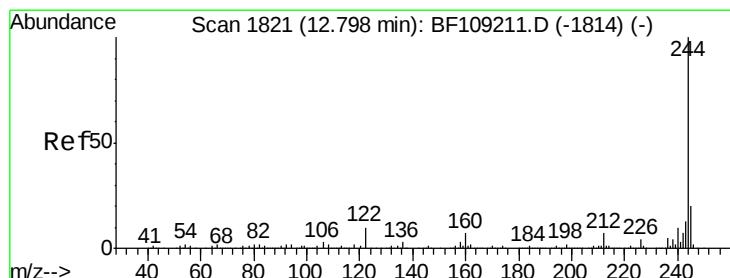
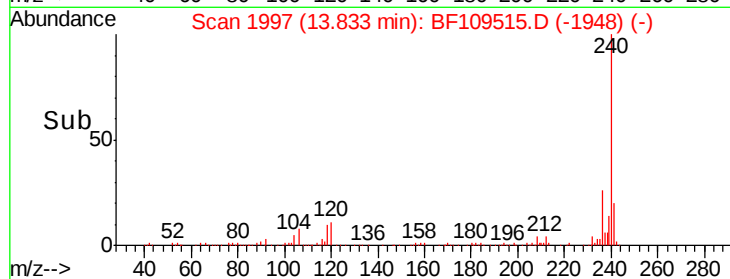
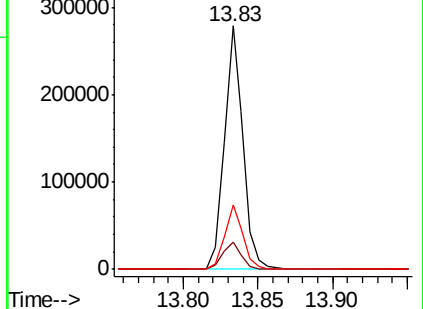
236 26.3 20.7 31.1



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: 103.214 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109515.D

Acq: 2 Oct 2018 21:19

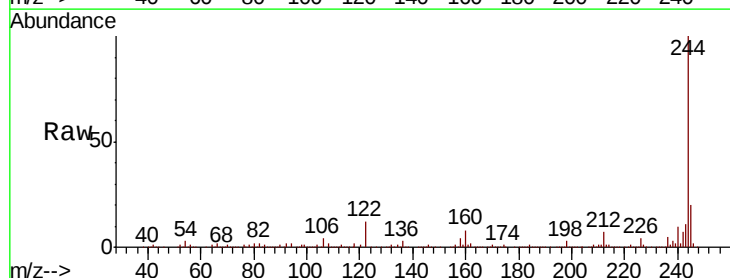
Tgt Ion:244 Resp: 1031179

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

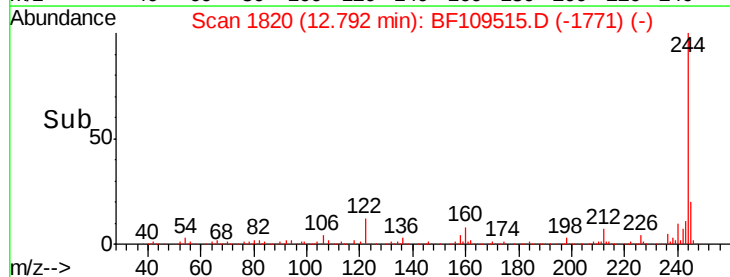
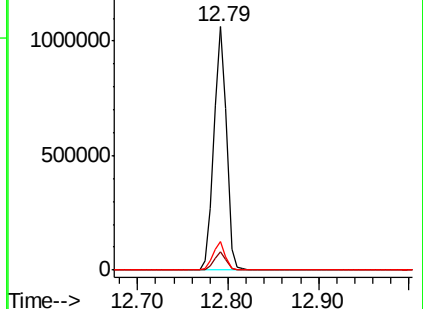
122 11.9 11.0 16.4

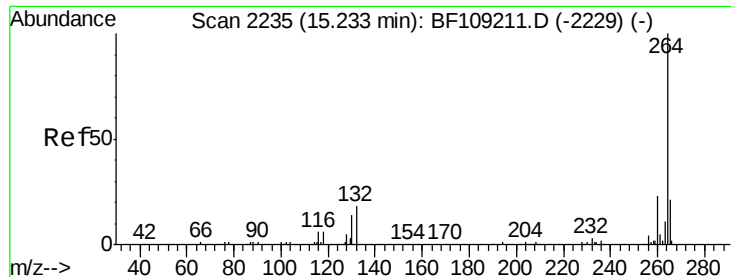


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109515.D
Acq: 2 Oct 2018 21:19

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

Tgt Ion: 264 Resp: 255722
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.3 17.5 26.3

