

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109571.D
 Acq On : 4 Oct 2018 3:14
 Operator : JU/SJ
 Sample : J5221-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100118-SIDI-E-D-B

Quant Time: Oct 04 07:14:09 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

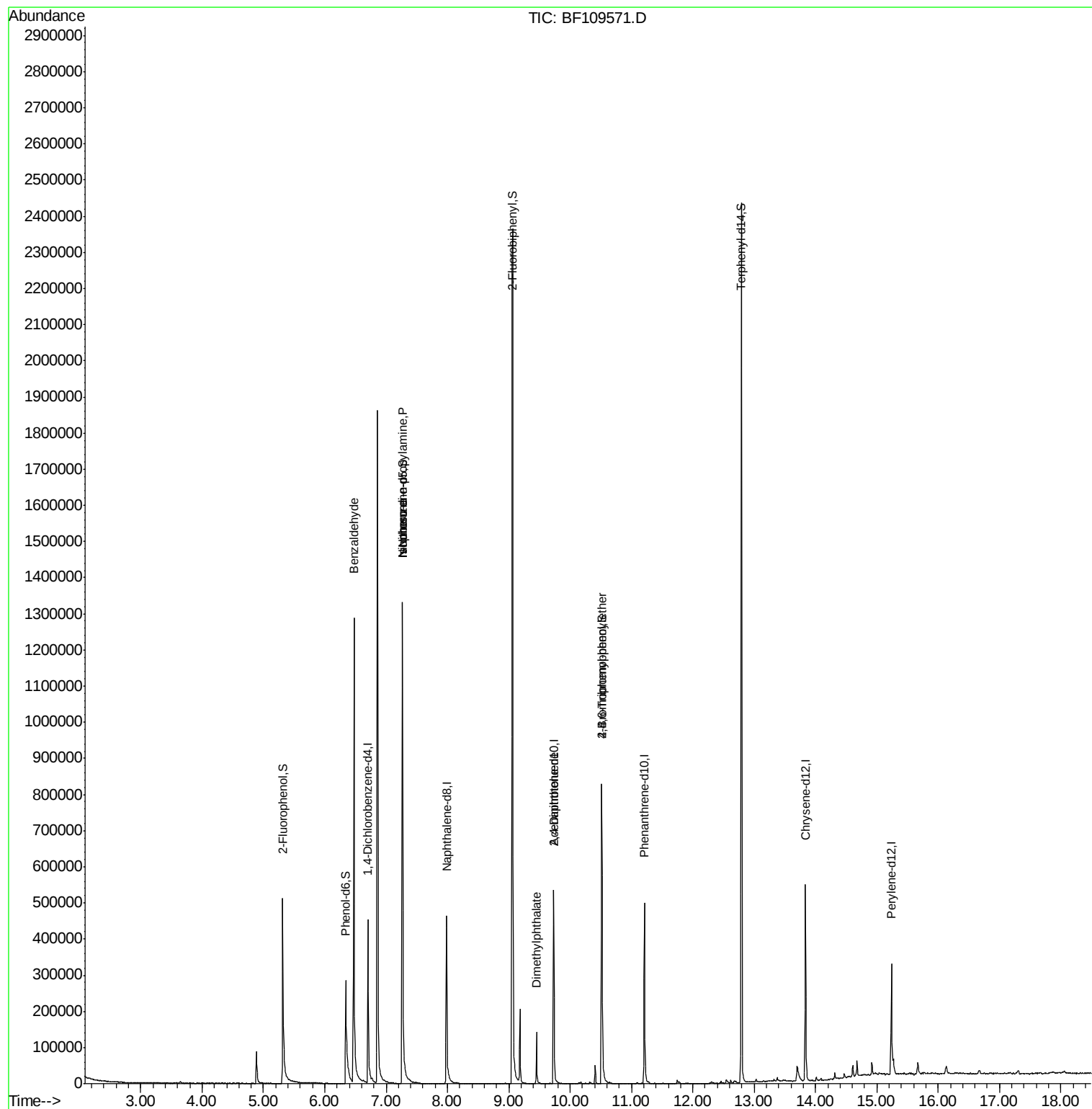
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	85626	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	289140	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	114766	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	218158	20.00	ng	0.00
75) Chrysene-d12	13.84	240	217221	20.00	ng	0.00
86) Perylene-d12	15.24	264	146843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	202018	38.86	ng	0.00
7) Phenol-d6	6.34	99	168007	25.33	ng	-0.02
23) Nitrobenzene-d5	7.27	82	532295	108.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	116524	103.00	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	886695	116.52	ng	-0.01
78) Terphenyl-d14	12.79	244	925981	104.62	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	9052	2.124	ng	# 75
19) n-Nitroso-di-n-propylamine	7.27	70	69440	15.975	ng	# 78
25) Isophorone	7.27	82	502204	56.938	ng	# 64
49) Dimethylphthalate	9.45	163	65696	7.870	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	14412	6.890	ng	# 23
66) 4-Bromophenyl-phenylether	10.52	248	6759	2.790	ng	# 1

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

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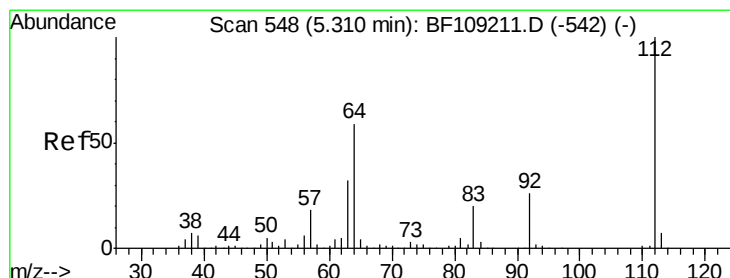
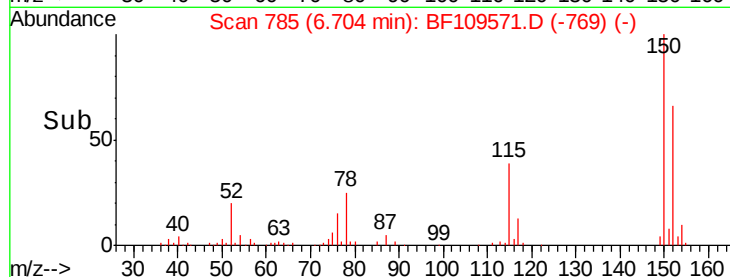
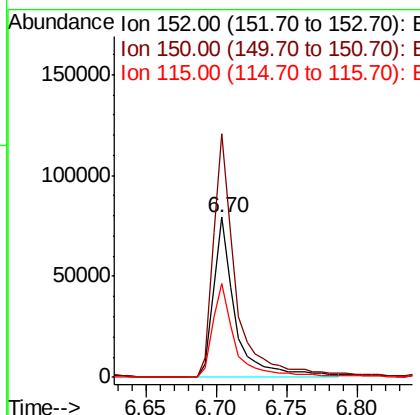
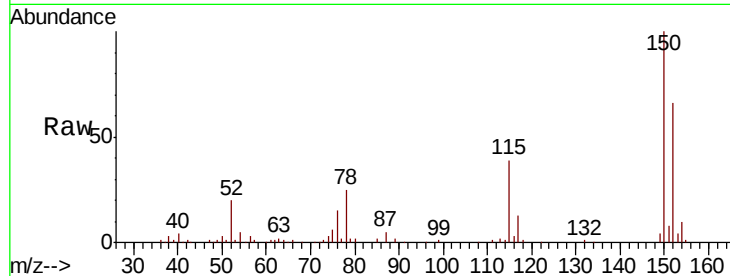




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109571.D
 Acq: 4 Oct 2018 3:14

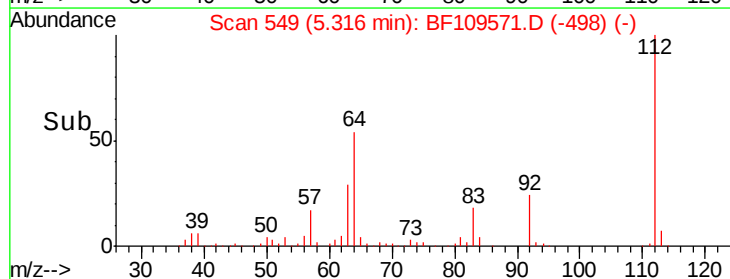
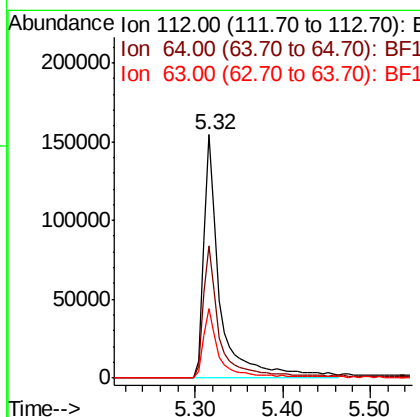
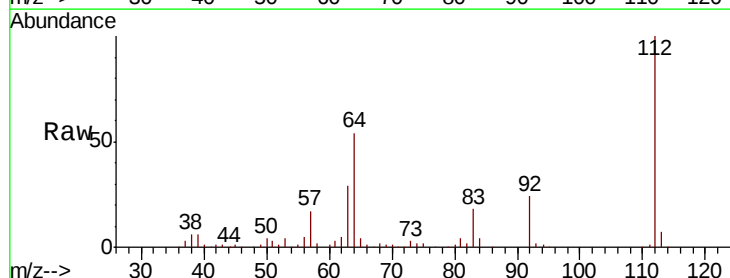
Instrument :
 BNA_F
 ClientSampleId :
 100118-SIDI-E-D-B

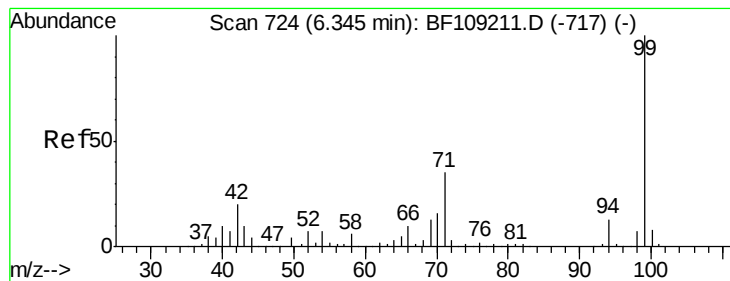
Tgt Ion:152 Resp: 85626
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.6 186.8
 115 59.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 38.860 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109571.D
 Acq: 4 Oct 2018 3:14

Tgt Ion:112 Resp: 202018
 Ion Ratio Lower Upper
 112 100
 64 54.3 47.9 71.9
 63 28.6 23.7 35.5





#7

Phenol-d6

Concen: 25.326 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109571.D

Acq: 4 Oct 2018 3:14

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-D-B

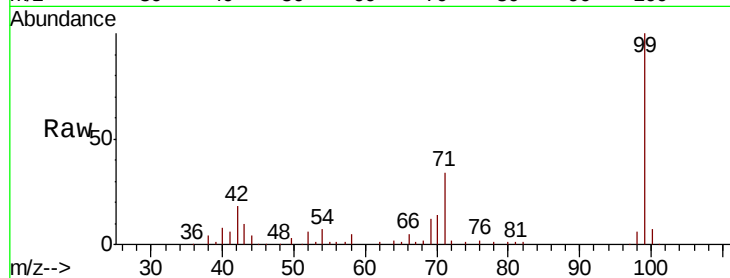
Tgt Ion: 99 Resp: 168007

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

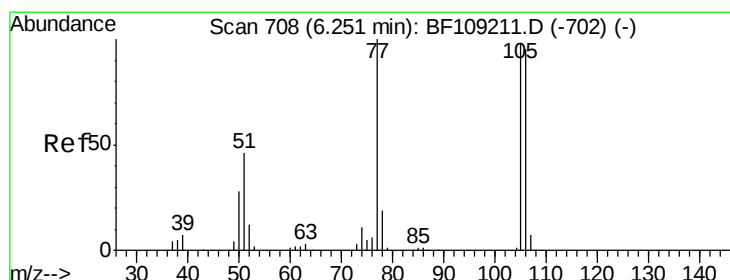
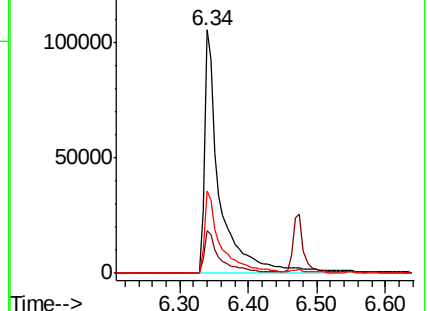
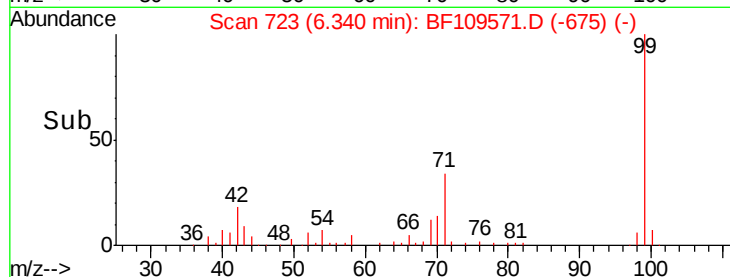
71 33.8 25.4 38.0



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: 2.124 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109571.D

Acq: 4 Oct 2018 3:14

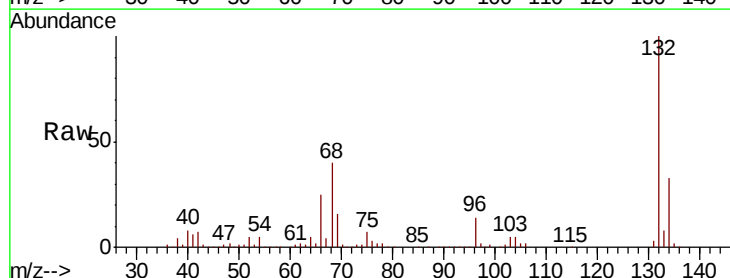
Tgt Ion: 77 Resp: 9052

Ion Ratio Lower Upper

77 100

105 81.7 81.1 121.1

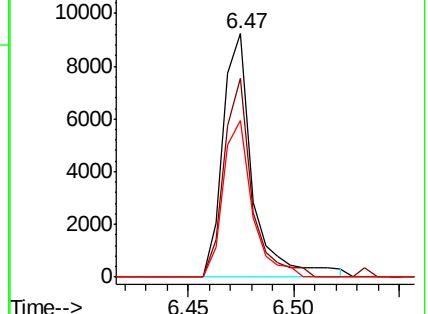
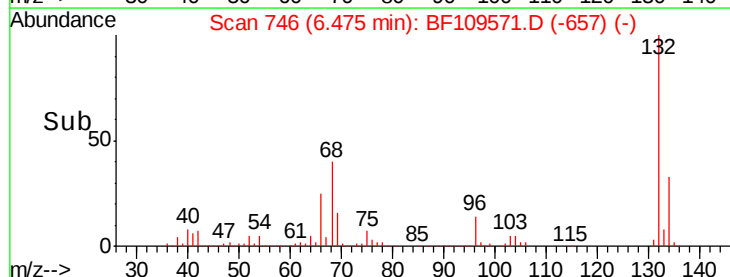
106 64.3 74.5 114.5#

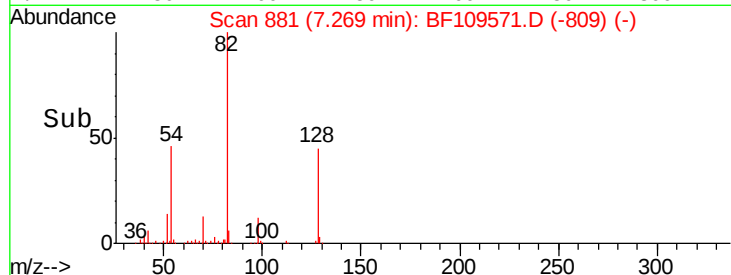
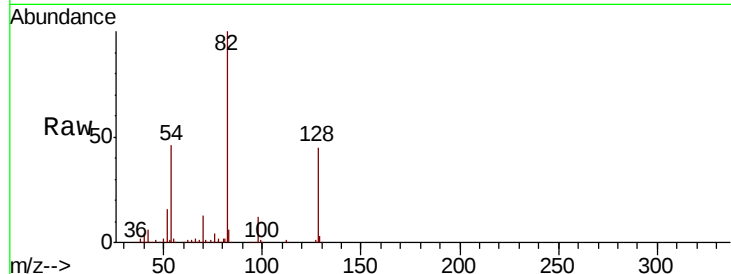


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

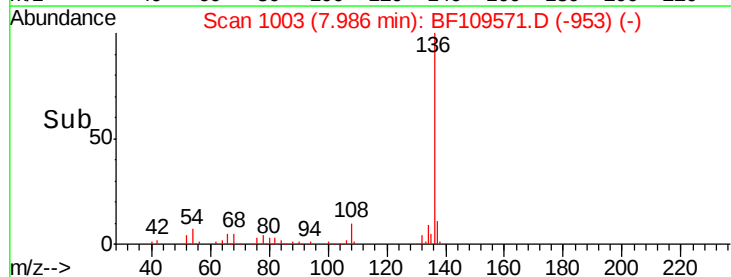
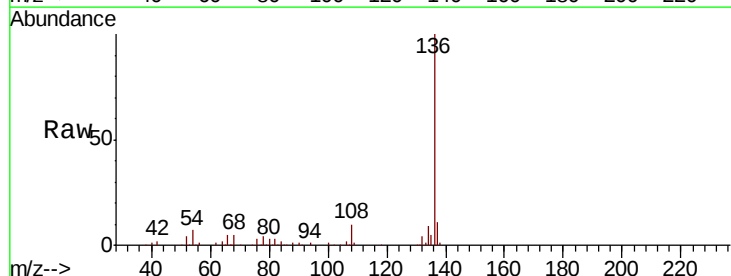
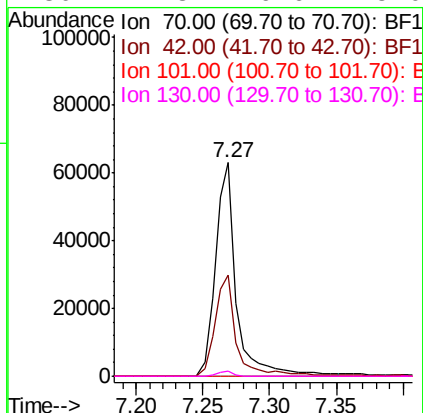




#19
n-Nitroso-di-n-propylamine
Concen: 15.975 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109571.D
Acq: 4 Oct 2018 3:14

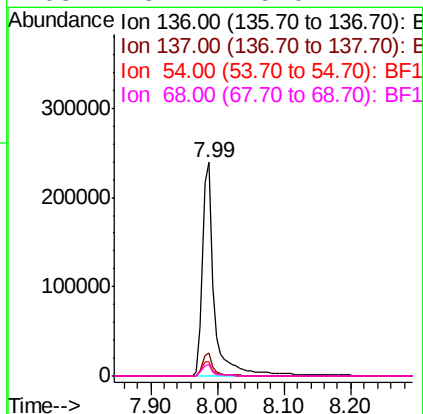
Instrument :
BNA_F
ClientSampleId :
100118-SIDI-E-D-B

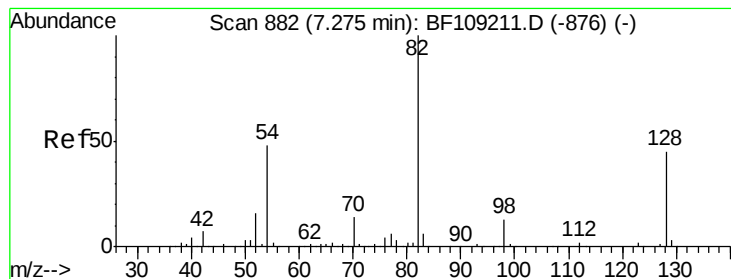
Tgt Ion:	70	Resp:	69440
Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109571.D
Acq: 4 Oct 2018 3:14

Tgt Ion:	136	Resp:	289140
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	6.6	9.8
68	5.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 108.675 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109571.D

Acq: 4 Oct 2018 3:14

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-D-B

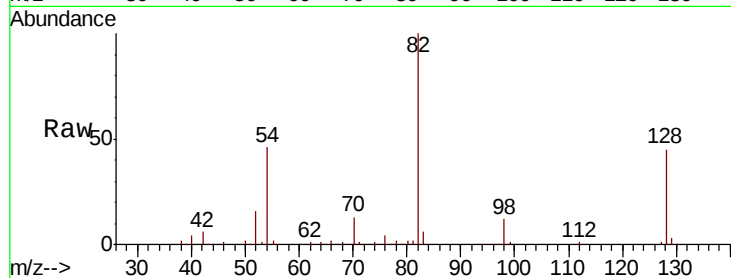
Tgt Ion: 82 Resp: 532295

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

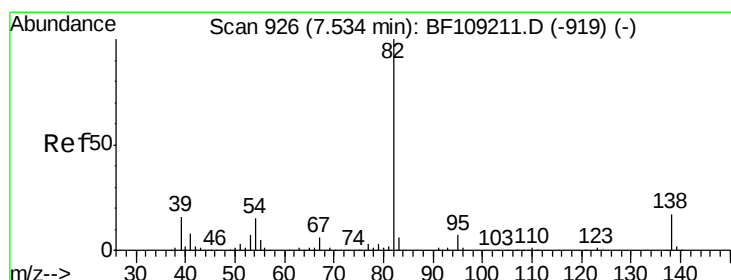
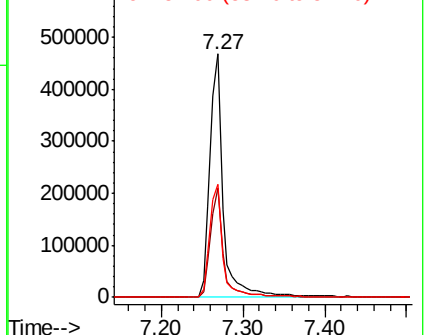
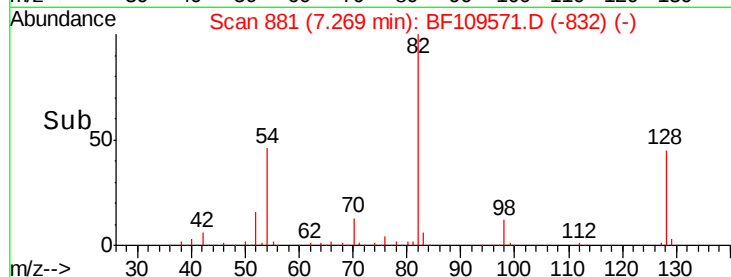
54 46.4 41.4 62.2



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: 56.938 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109571.D

Acq: 4 Oct 2018 3:14

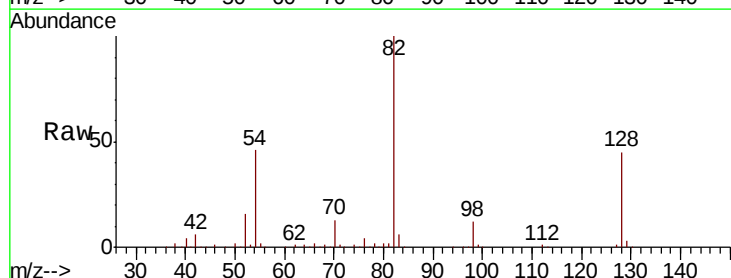
Tgt Ion: 82 Resp: 502204

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

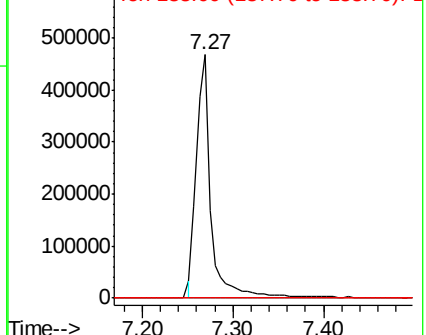
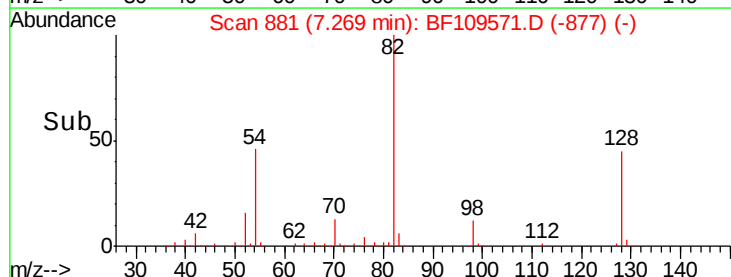
138 0.0 14.9 22.3#

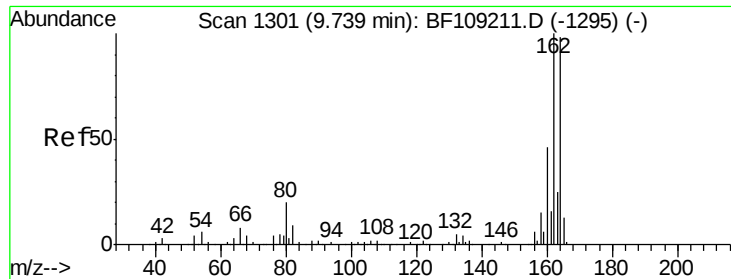


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

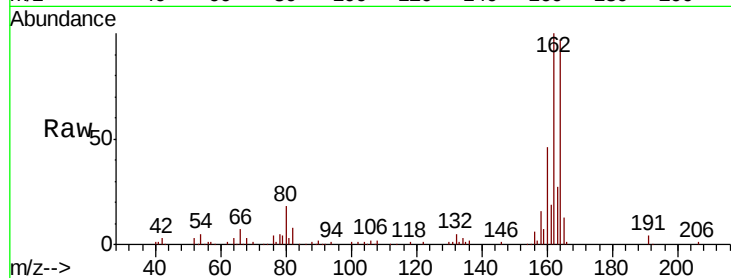




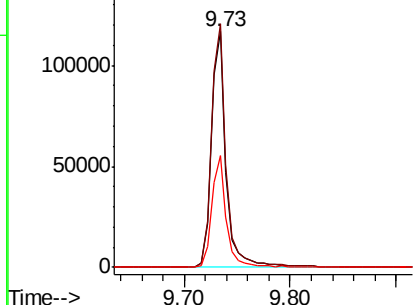
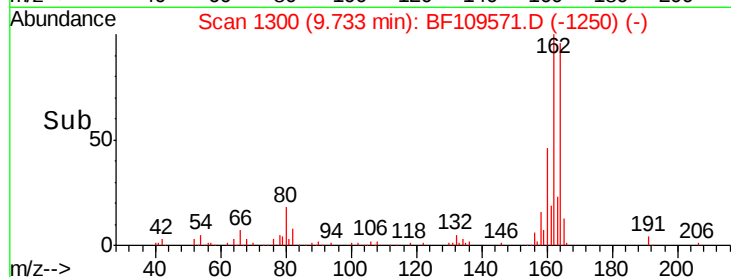
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109571.D
 Acq: 4 Oct 2018 3:14

Instrument :
 BNA_F
 ClientSampleId :
 100118-SIDI-E-D-B

Tgt Ion:164 Resp: 114766
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 47.3 38.3 57.5

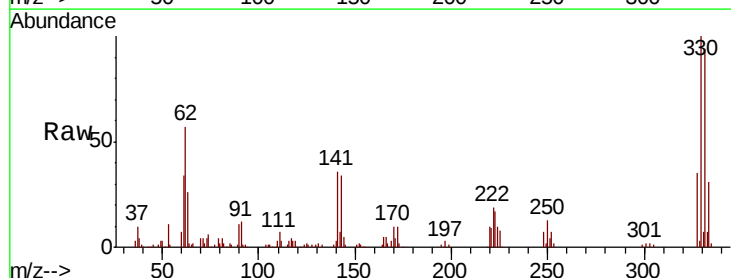


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

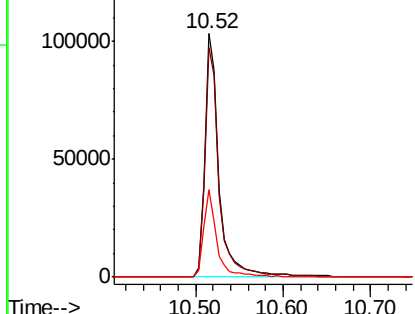
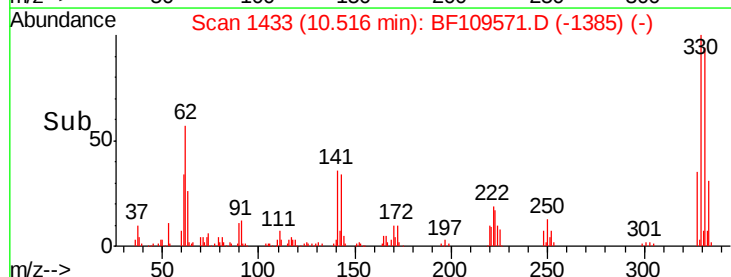


#41
 2,4,6-Tribromophenol
 Concen: 102.995 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109571.D
 Acq: 4 Oct 2018 3:14

Tgt Ion:330 Resp: 116524
 Ion Ratio Lower Upper
 330 100
 332 95.6 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

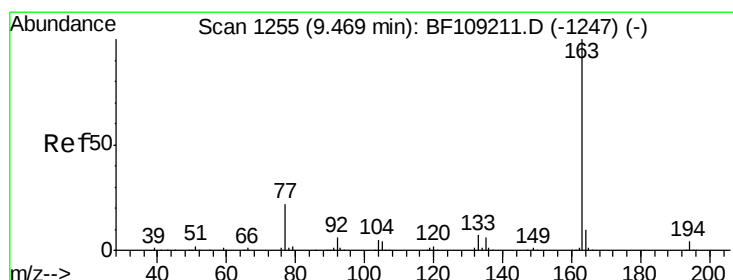
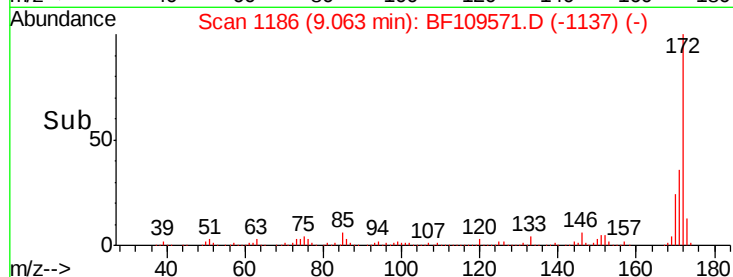
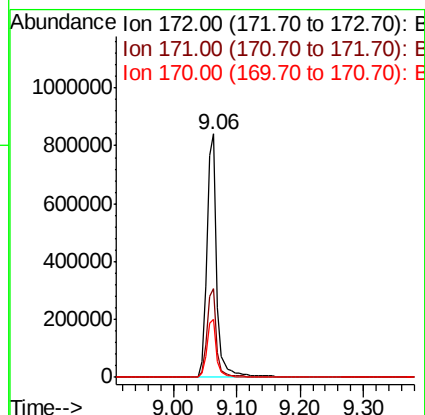
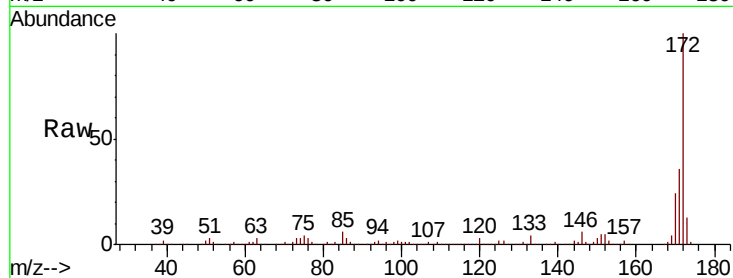




#44
2-Fluorobiphenyl
Concen: 116.525 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109571.D
Acq: 4 Oct 2018 3:14

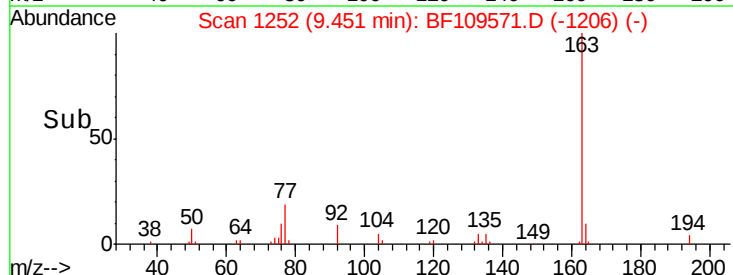
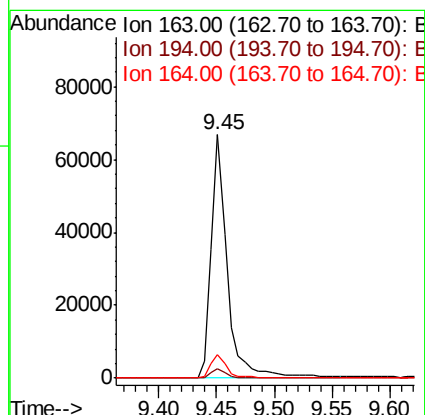
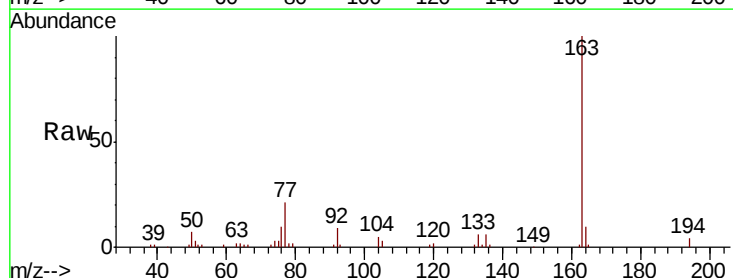
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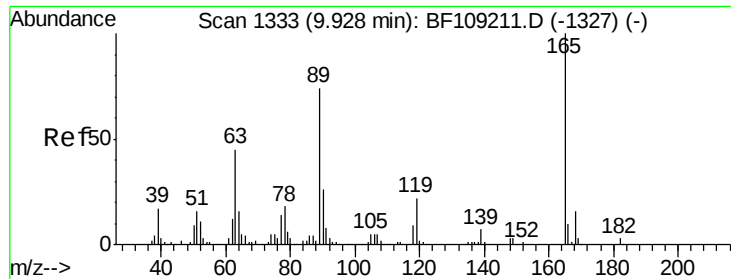
Tgt Ion:172 Resp: 886695
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 7.870 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109571.D
Acq: 4 Oct 2018 3:14

Tgt Ion:163 Resp: 65696
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.8 8.2 12.2

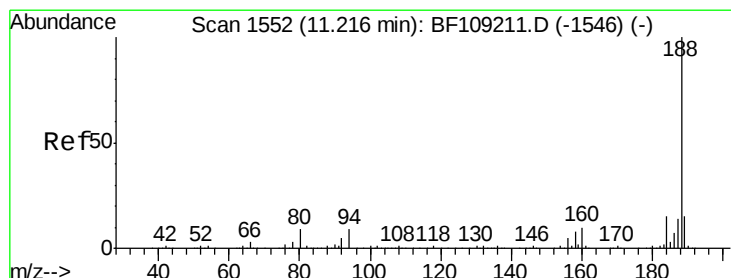
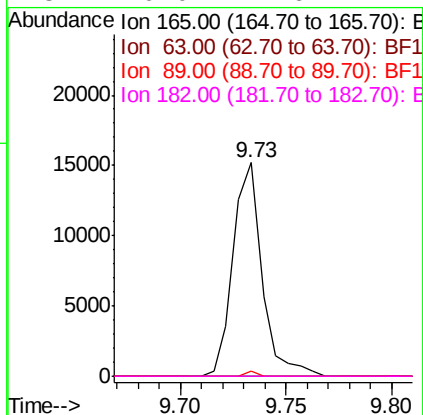
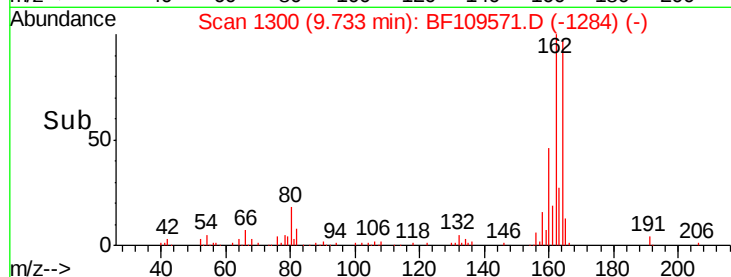
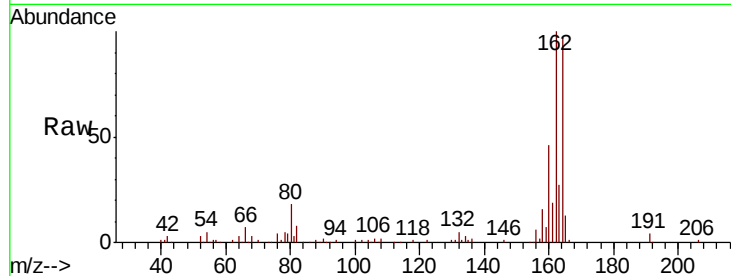




#56
 2,4-Dinitrotoluene
 Concen: 6.890 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109571.D
 Acq: 4 Oct 2018 3:14

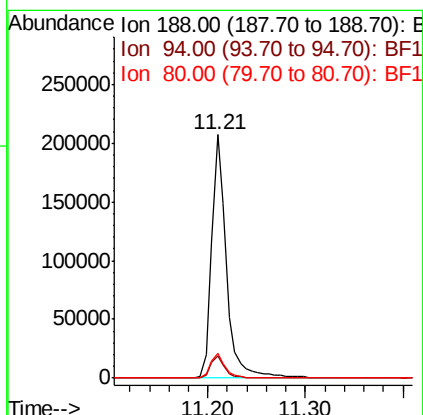
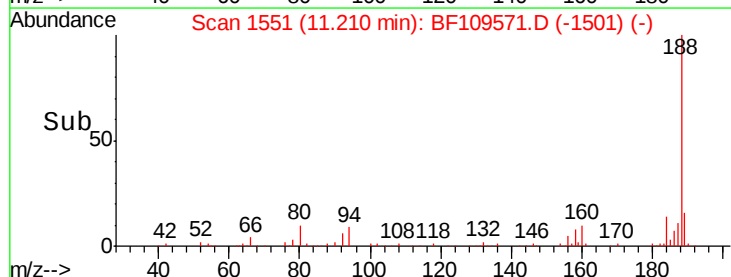
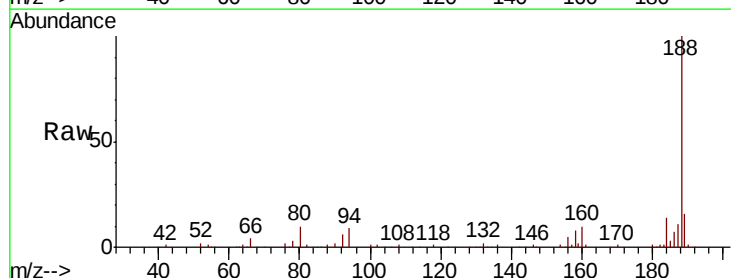
Instrument :
 BNA_F
 ClientSampleId :
 100118-SIDI-E-D-B

Tgt Ion:165 Resp: 14412
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 2.3 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109571.D
 Acq: 4 Oct 2018 3:14

Tgt Ion:188 Resp: 218158
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 10.2 9.2 13.8

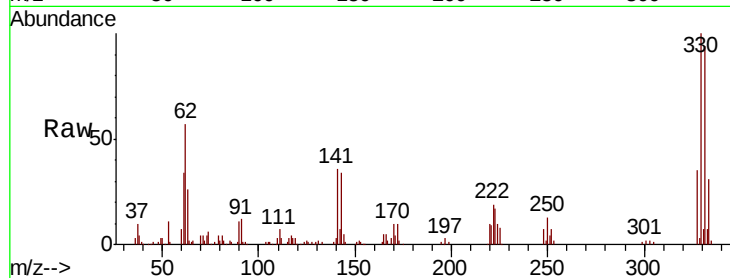




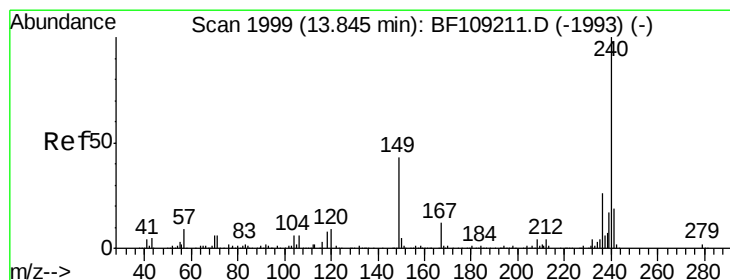
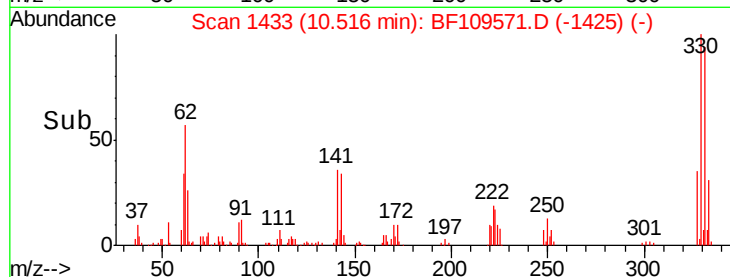
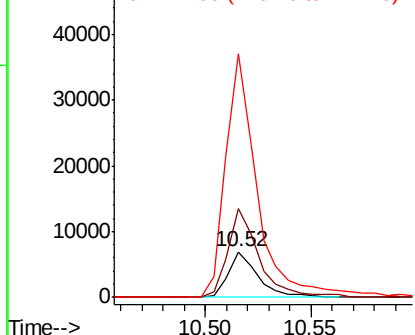
#66
4-Bromophenyl-phenylether
Concen: 2.790 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109571.D
Acq: 4 Oct 2018 3:14

Instrument :
BNA_F
ClientSampleId :
100118-SIDI-E-D-B

Tgt Ion:248 Resp: 6759
Ion Ratio Lower Upper
248 100
250 193.9 76.9 115.3#
141 534.8 74.4 111.6#

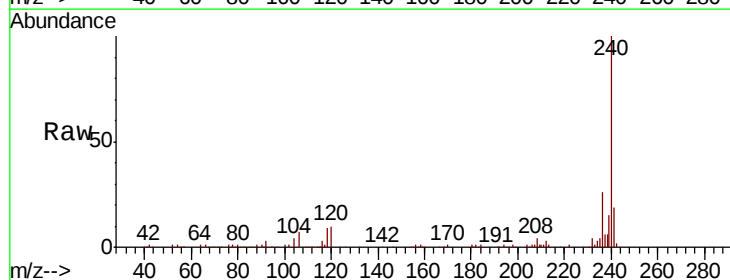


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

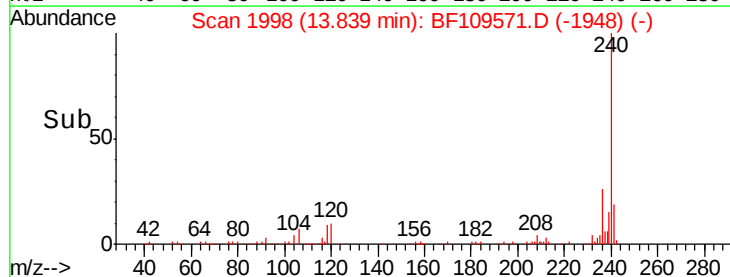
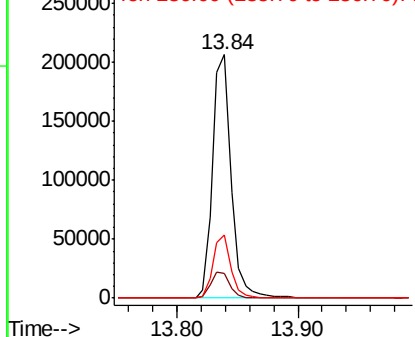


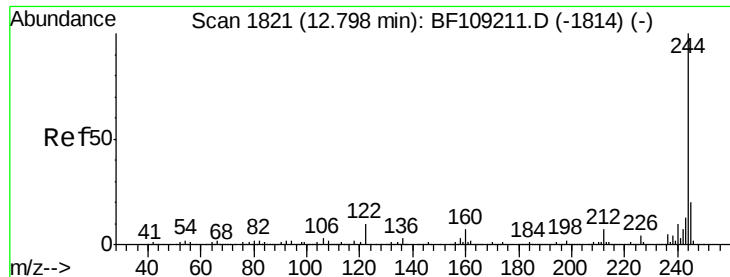
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109571.D
Acq: 4 Oct 2018 3:14

Tgt Ion:240 Resp: 217221
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 26.0 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

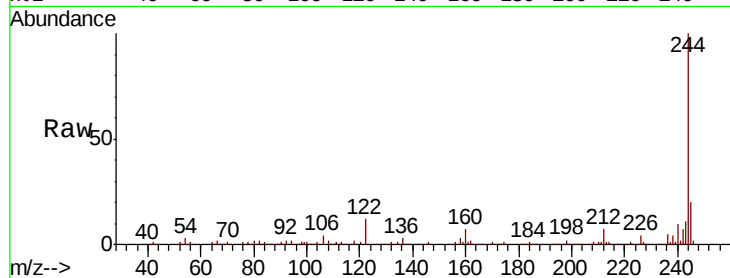




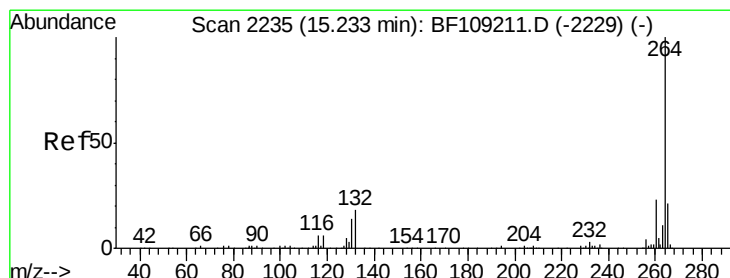
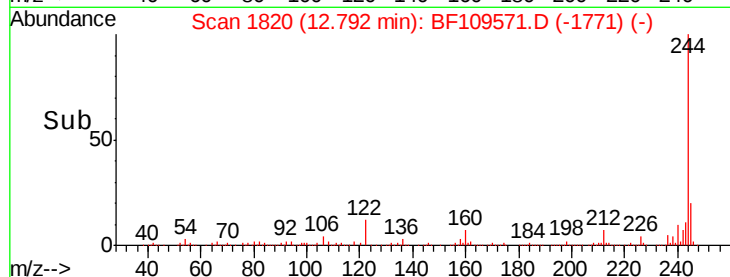
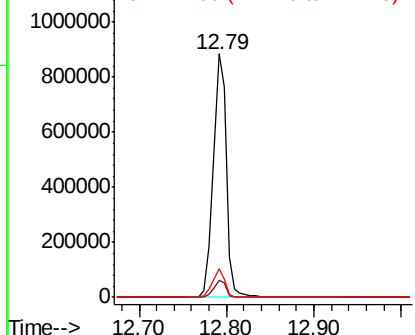
#78
 Terphenyl-d14
 Concen: 104.617 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109571.D
 Acq: 4 Oct 2018 3:14

Instrument :
 BNA_F
 ClientSampleId :
 100118-SIDI-E-D-B

Tgt Ion: 244 Resp: 925981
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.8 11.0 16.4

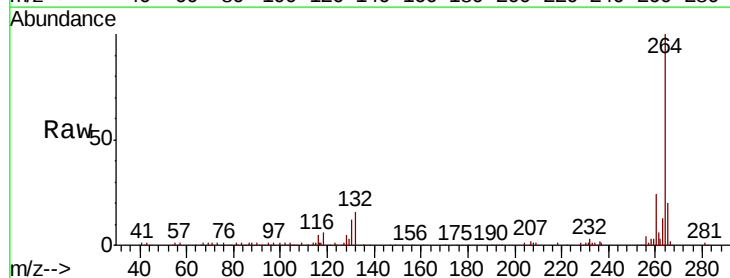


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109571.D
 Acq: 4 Oct 2018 3:14

Tgt Ion: 264 Resp: 146843
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

