

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109573.D
 Acq On : 4 Oct 2018 4:07
 Operator : JU/SJ
 Sample : J5221-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Oct 04 07:14:25 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

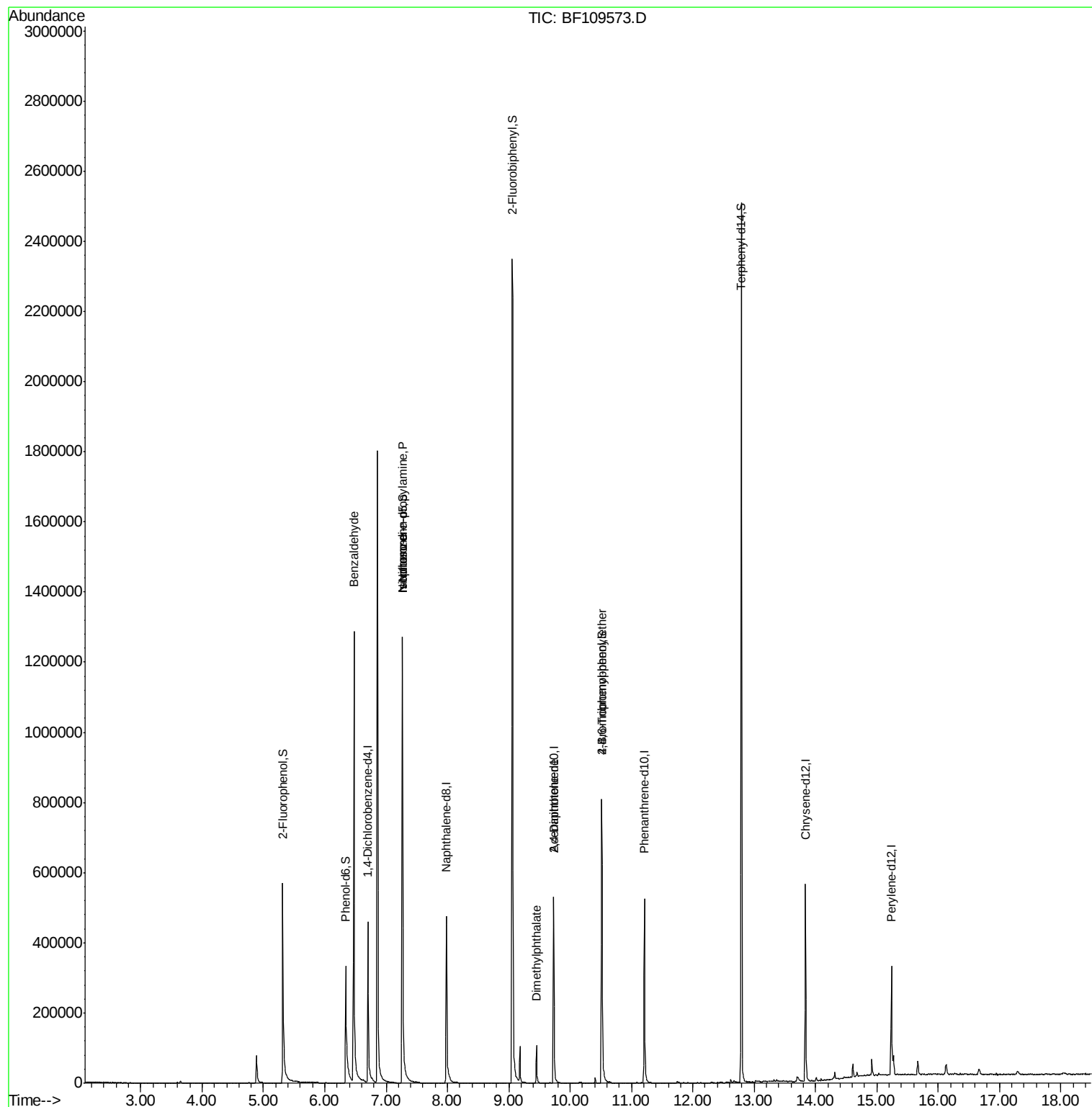
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	86176	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	298784	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	114811	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	221480	20.00	ng	0.00
75) Chrysene-d12	13.84	240	226853	20.00	ng	0.00
86) Perylene-d12	15.24	264	152786	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	221359	42.31	ng	0.00
7) Phenol-d6	6.34	99	174307	26.11	ng	-0.02
23) Nitrobenzene-d5	7.27	82	546919	108.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	118886	105.04	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	896280	117.74	ng	-0.01
78) Terphenyl-d14	12.79	244	910395	98.49	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	9241	2.155	ng	# 80
19) n-Nitroso-di-n-propylamine	7.27	70	71504	16.345	ng	# 78
25) Isophorone	7.27	82	532561	58.431	ng	# 64
49) Dimethylphthalate	9.45	163	49238	5.896	ng	100
56) 2,4-Dinitrotoluene	9.73	165	14172	6.772	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	7208	2.931	ng	# 1

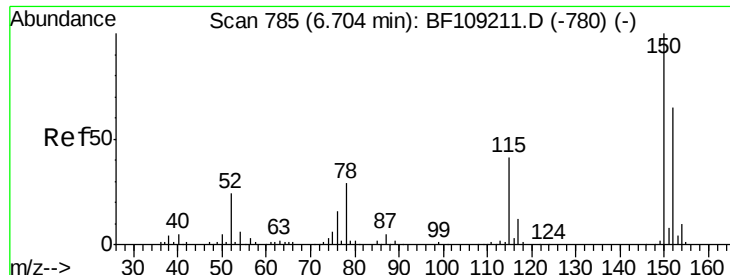
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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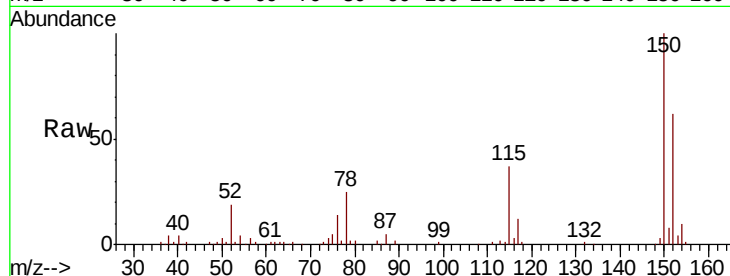




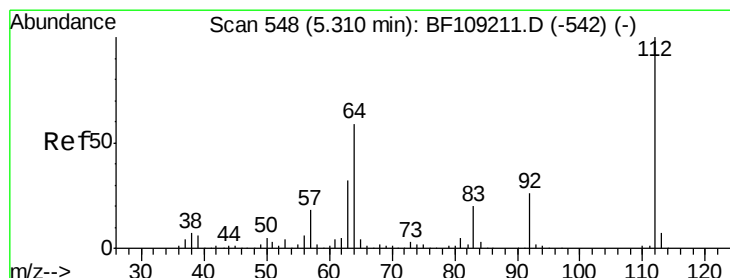
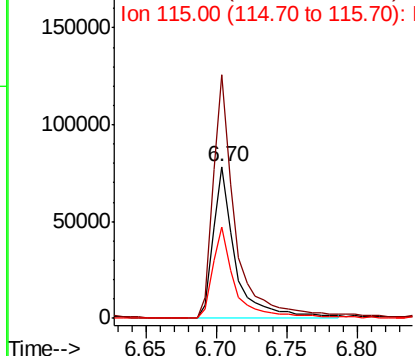
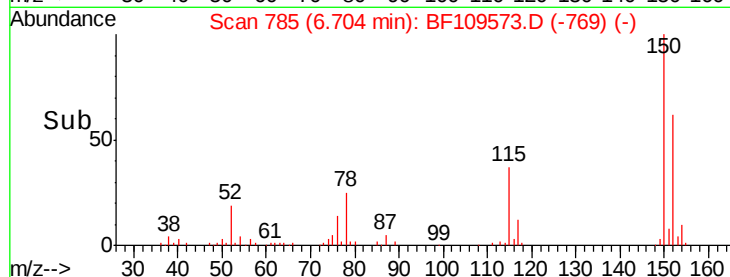
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109573.D
 Acq: 4 Oct 2018 4:07

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

Tgt Ion:152 Resp: 86176
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.6 186.8
 115 60.0 50.1 75.1

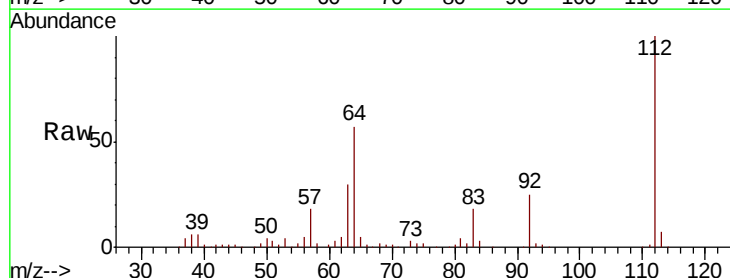


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

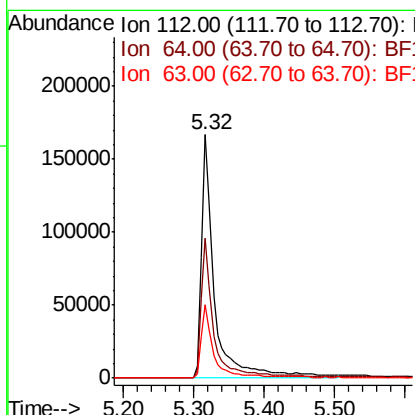
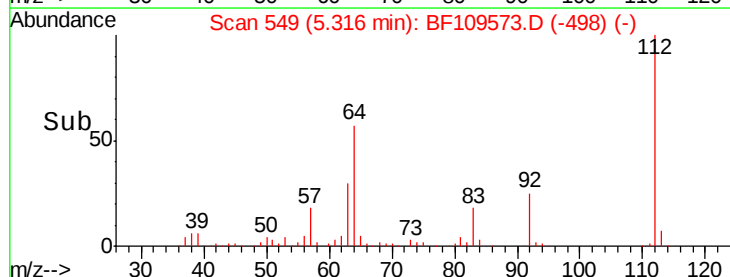


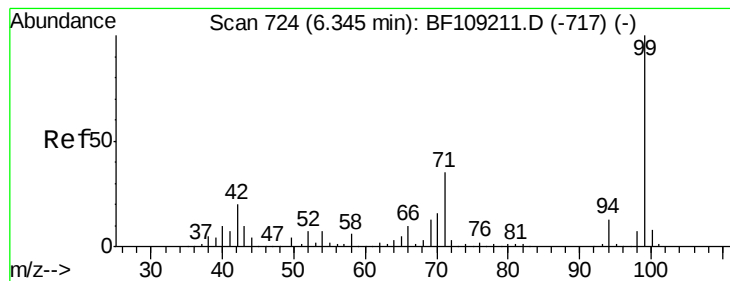
#5
 2-Fluorophenol
 Concen: 42.308 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109573.D
 Acq: 4 Oct 2018 4:07

Tgt Ion:112 Resp: 221359
 Ion Ratio Lower Upper
 112 100
 64 57.4 47.9 71.9
 63 30.1 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: 26.108 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109573.D

Acq: 4 Oct 2018 4:07

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-D-S

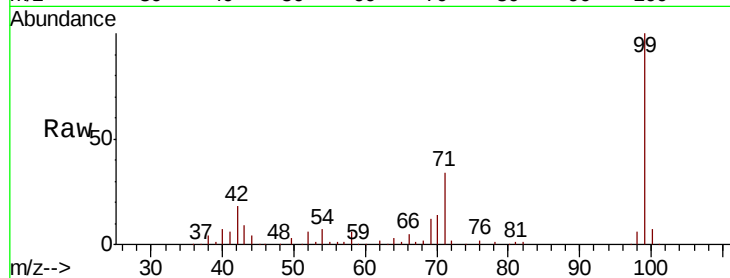
Tgt Ion: 99 Resp: 174307

Ion Ratio Lower Upper

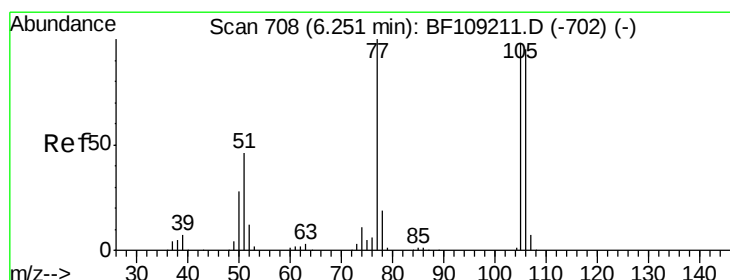
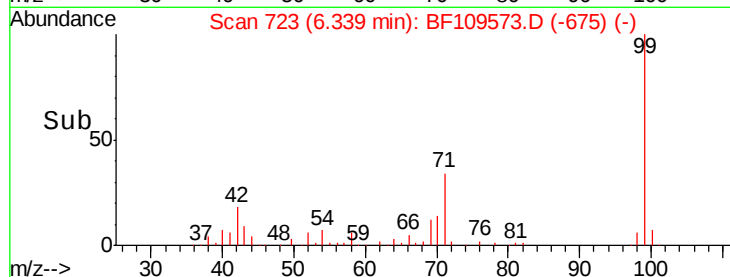
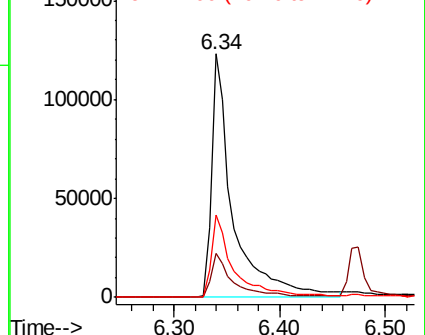
99 100

42 18.3 14.5 21.7

71 33.7 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: 2.155 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109573.D

Acq: 4 Oct 2018 4:07

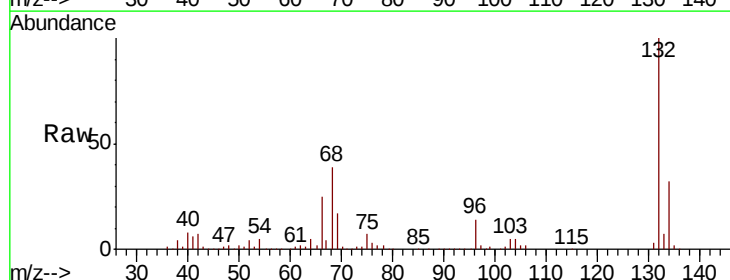
Tgt Ion: 77 Resp: 9241

Ion Ratio Lower Upper

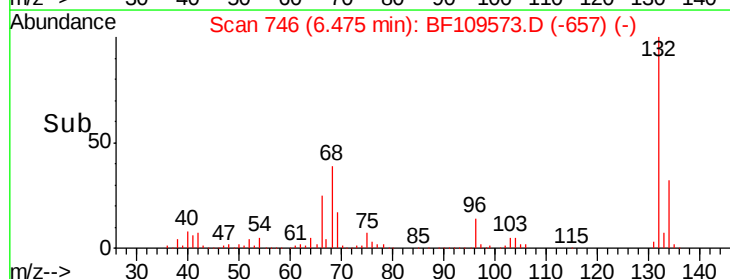
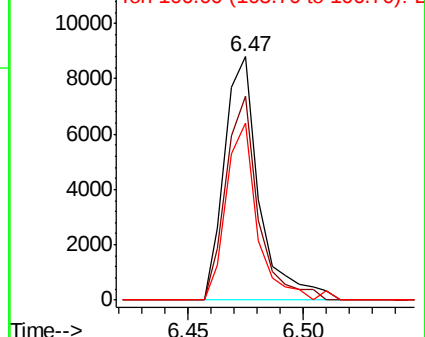
77 100

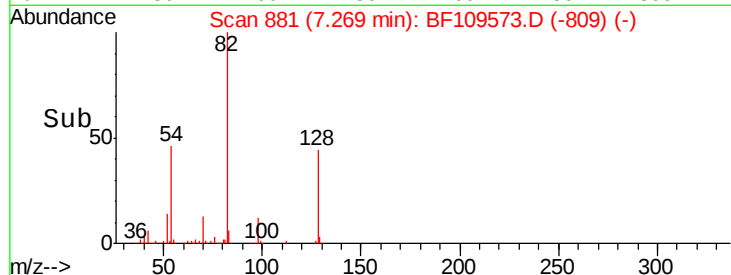
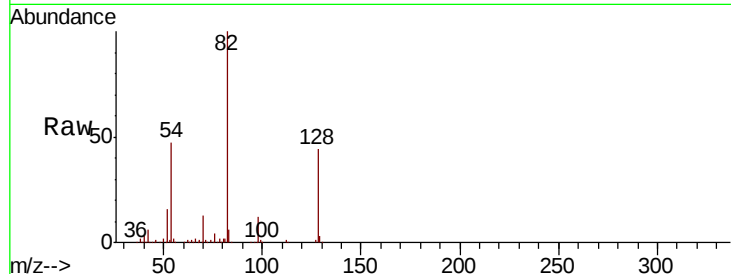
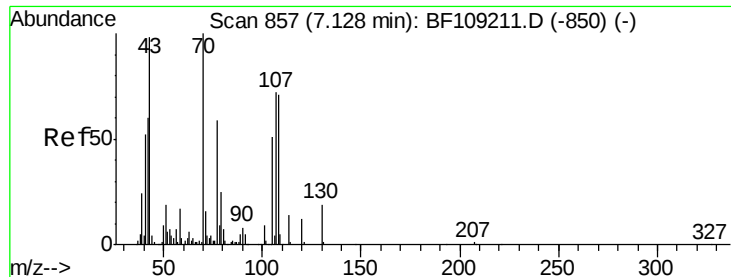
105 83.6 81.1 121.1

106 72.7 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

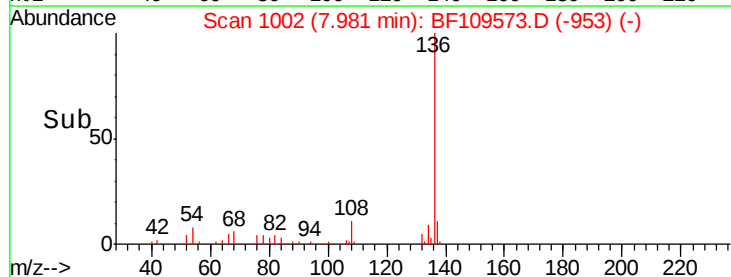
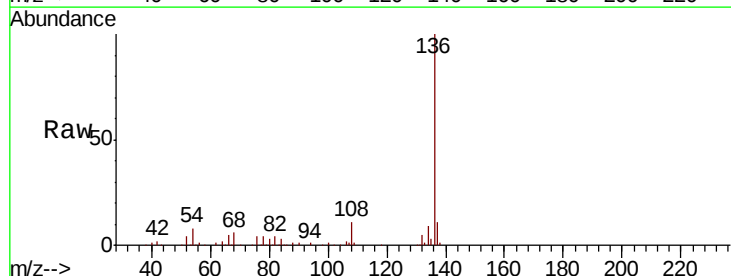
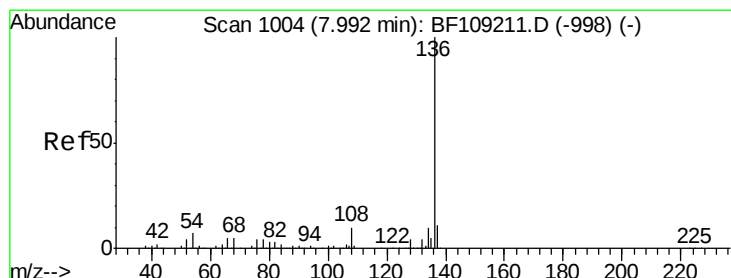
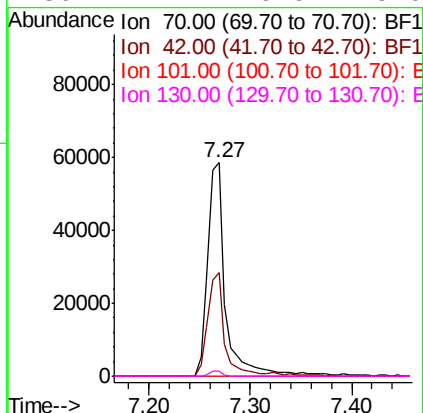




#19
n-Nitroso-di-n-propylamine
Concen: 16.345 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109573.D
Acq: 4 Oct 2018 4:07

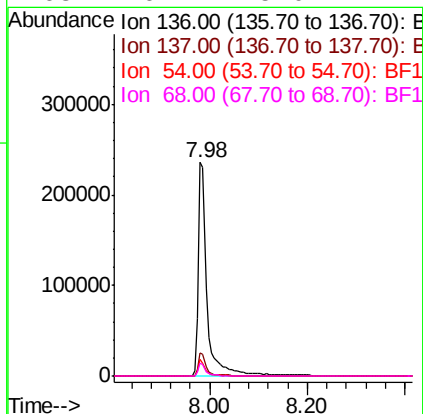
Instrument :
BNA_F
ClientSampleId :
100118-SIDI-E-D-S

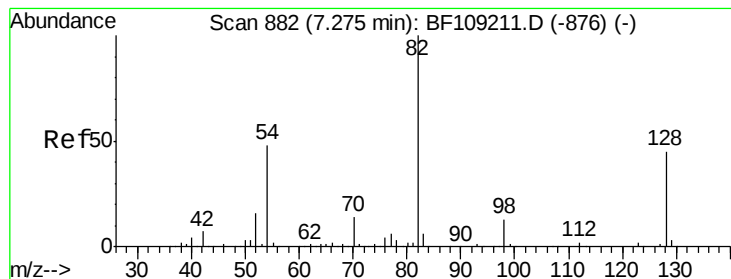
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109573.D
Acq: 4 Oct 2018 4:07

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 108.056 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109573.D

Acq: 4 Oct 2018 4:07

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-D-S

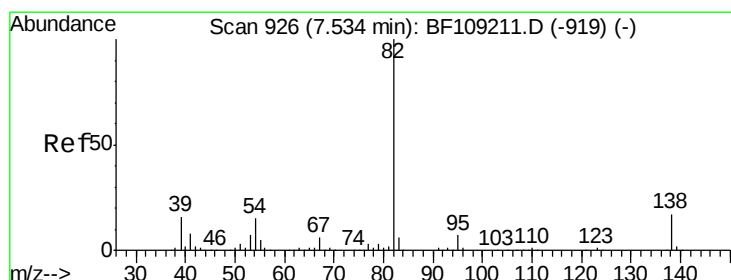
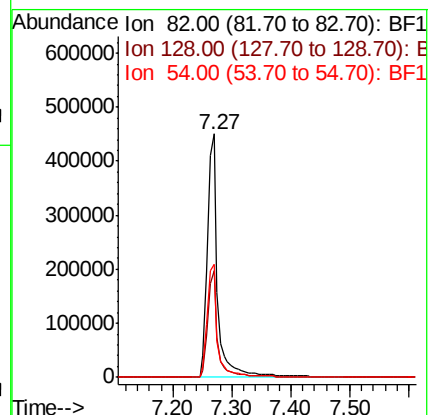
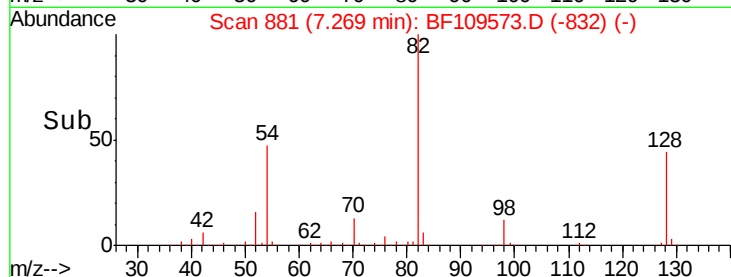
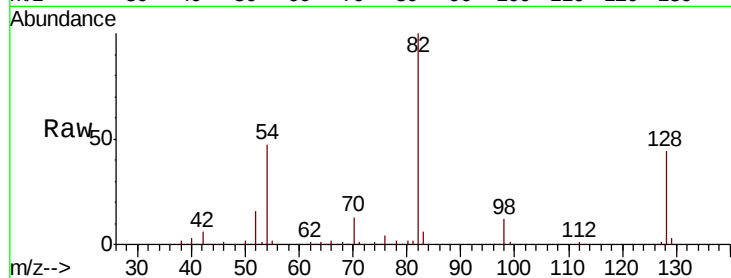
Tgt Ion: 82 Resp: 546919

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

54 46.6 41.4 62.2



#25

Isophorone

Concen: 58.431 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109573.D

Acq: 4 Oct 2018 4:07

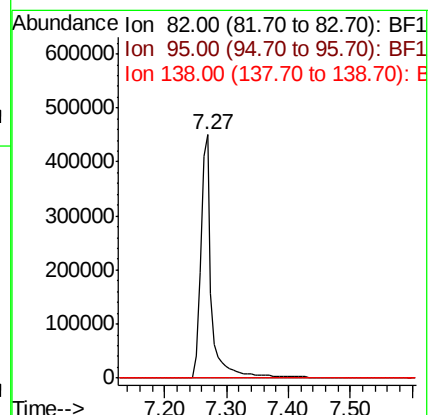
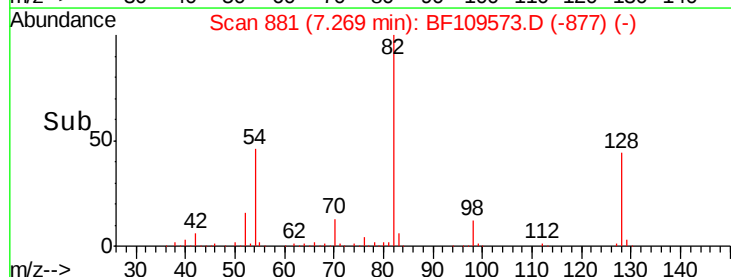
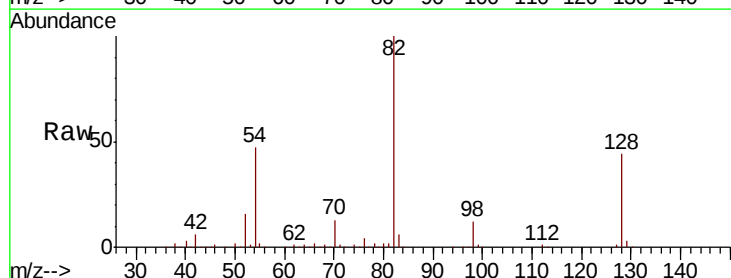
Tgt Ion: 82 Resp: 532561

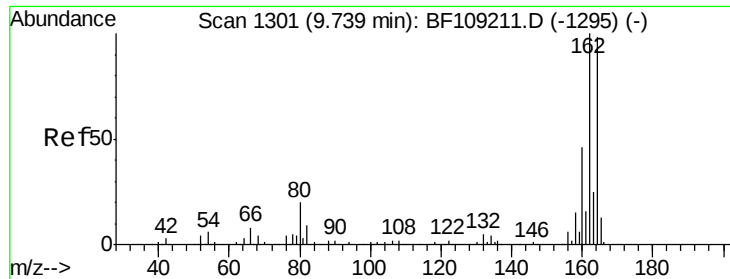
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

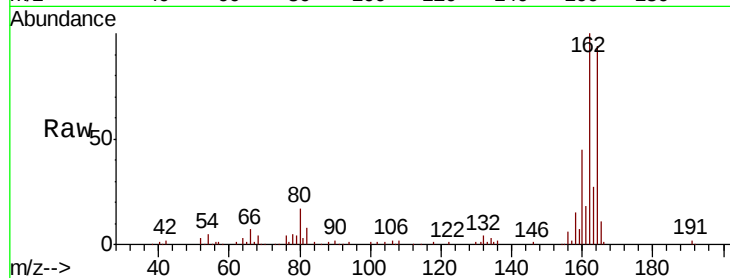




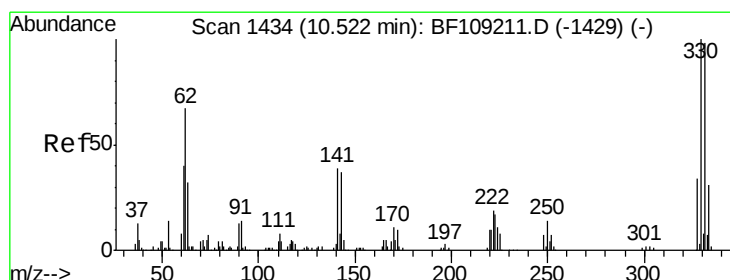
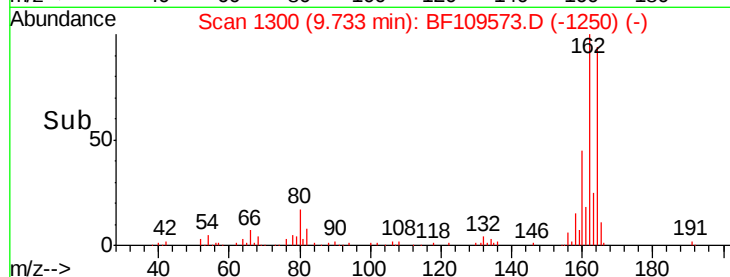
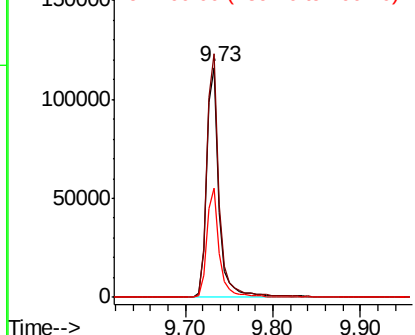
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109573.D
 Acq: 4 Oct 2018 4:07

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

Tgt Ion:164 Resp: 114811
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 47.5 38.3 57.5

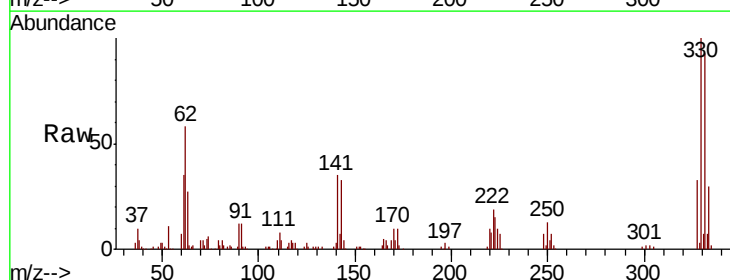


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

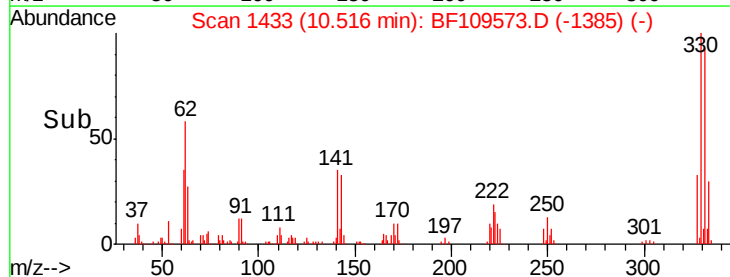
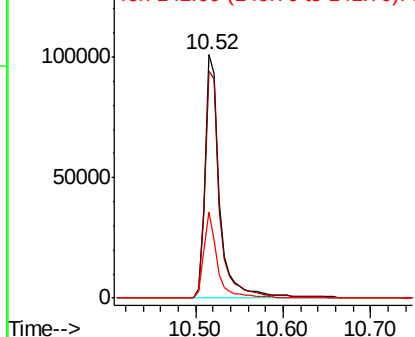


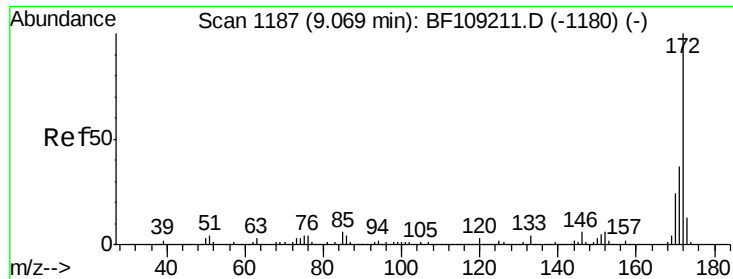
#41
 2,4,6-Tribromophenol
 Concen: 105.042 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109573.D
 Acq: 4 Oct 2018 4:07

Tgt Ion:330 Resp: 118886
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 32.2 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

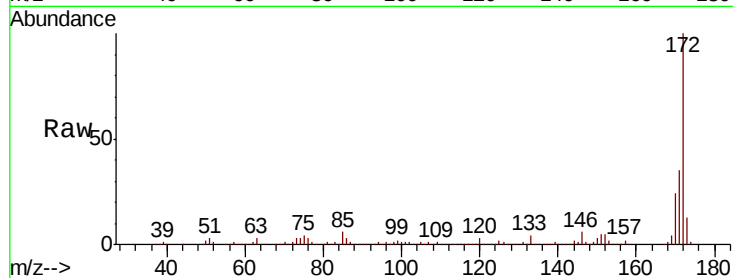




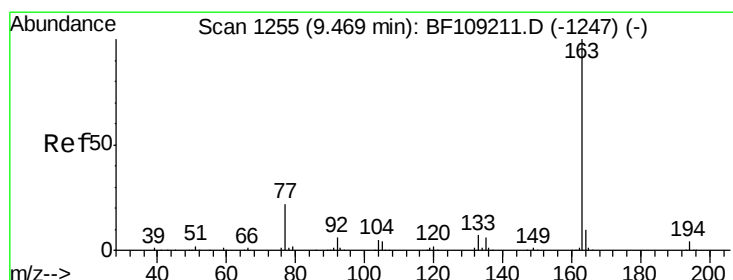
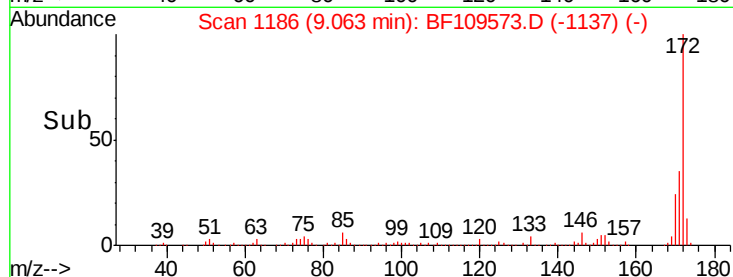
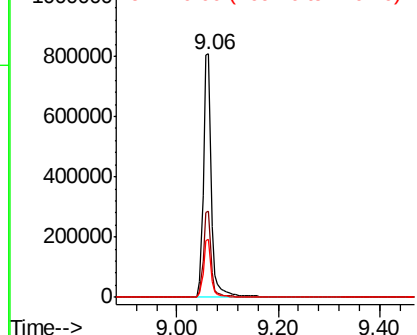
#44
2-Fluorobiphenyl
Concen: 117.738 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109573.D
Acq: 4 Oct 2018 4:07

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

Tgt Ion:172 Resp: 896280
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 24.0 19.6 29.4

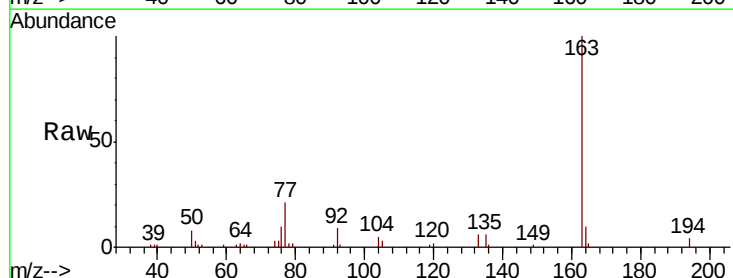


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

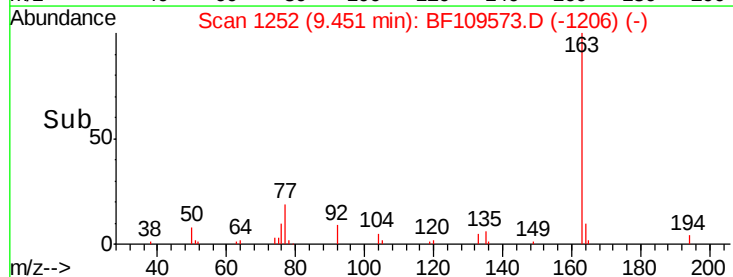
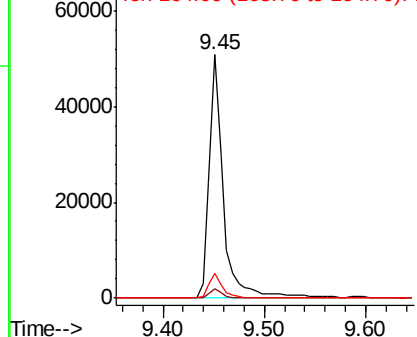


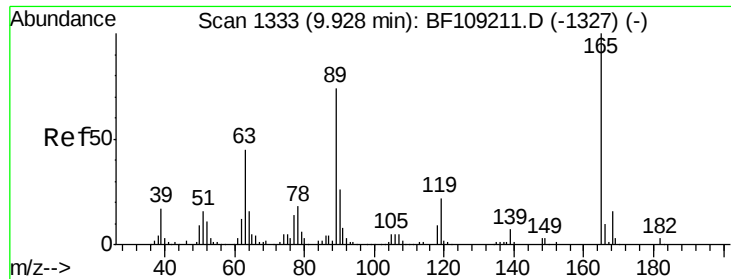
#49
Dimethylphthalate
Concen: 5.896 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109573.D
Acq: 4 Oct 2018 4:07

Tgt Ion:163 Resp: 49238
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.1 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

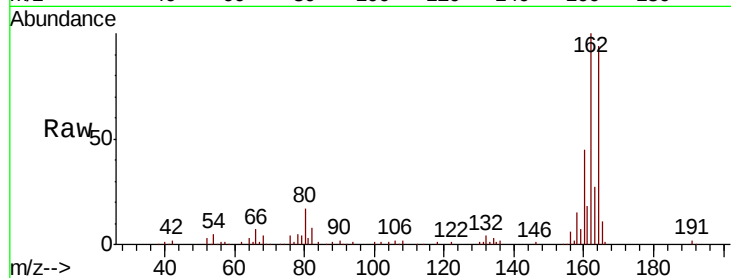




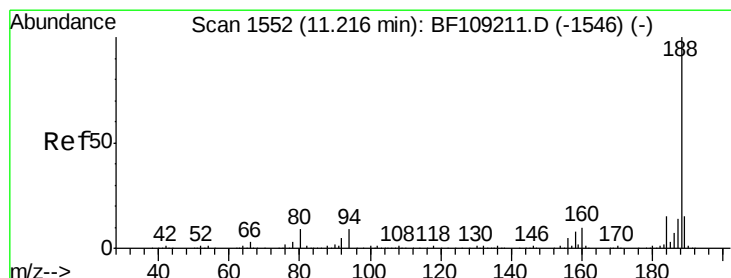
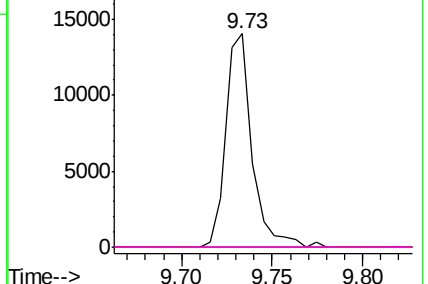
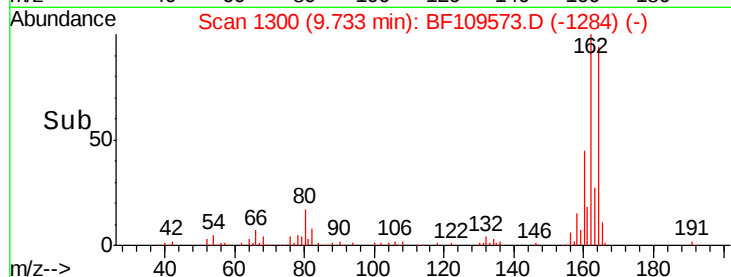
#56
2,4-Dinitrotoluene
Concen: 6.772 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109573.D
Acq: 4 Oct 2018 4:07

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

Tgt Ion:165 Resp: 14172
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#

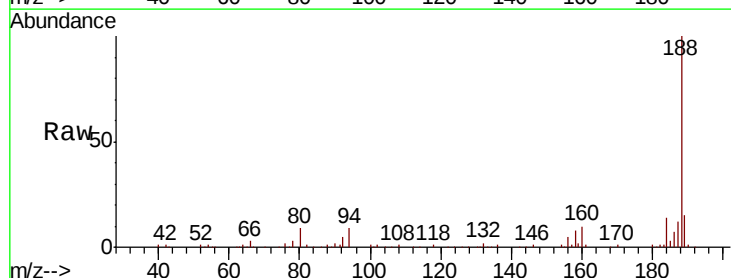


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

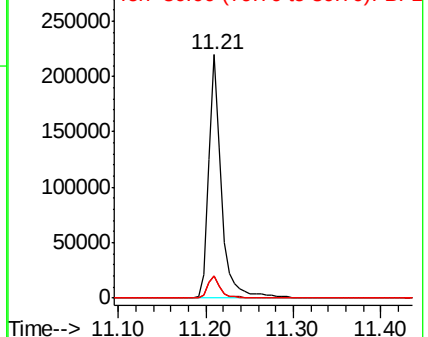
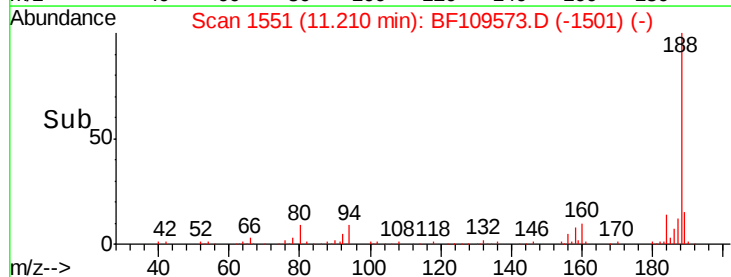


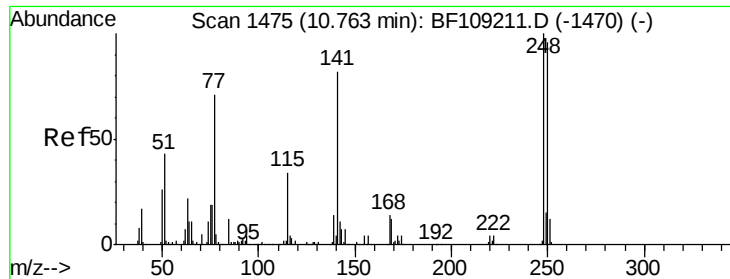
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109573.D
Acq: 4 Oct 2018 4:07

Tgt Ion:188 Resp: 221480
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.3 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

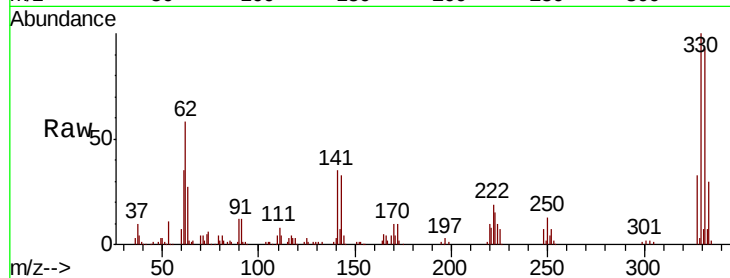




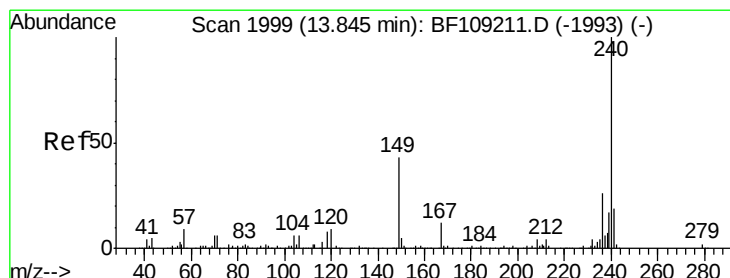
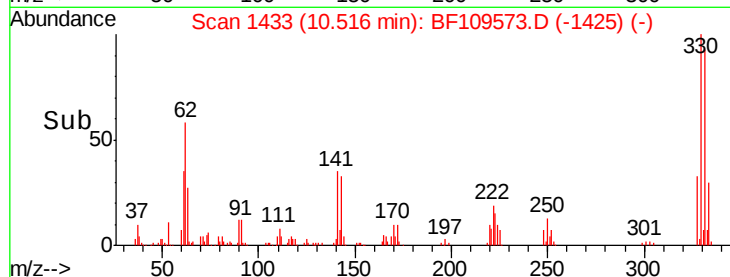
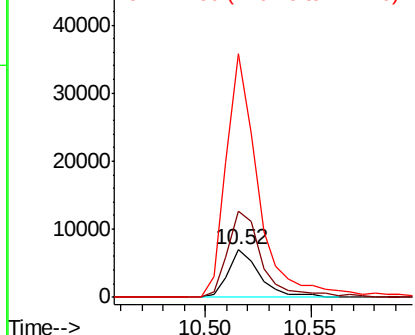
#66
4-Bromophenyl-phenylether
Concen: 2.931 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109573.D
Acq: 4 Oct 2018 4:07

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

Tgt Ion:248 Resp: 7208
Ion Ratio Lower Upper
248 100
250 183.6 76.9 115.3#
141 515.7 74.4 111.6#

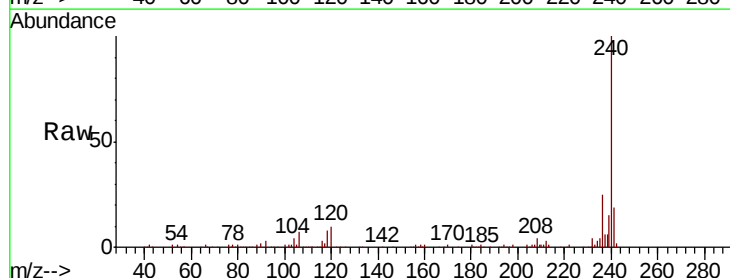


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

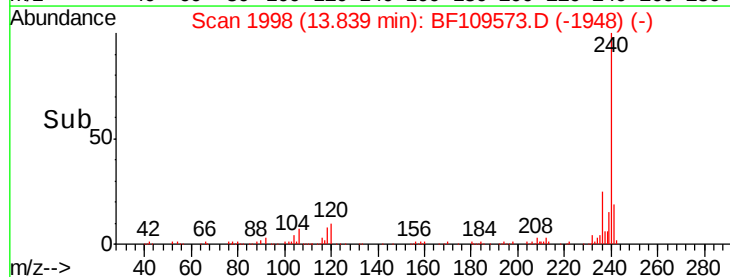
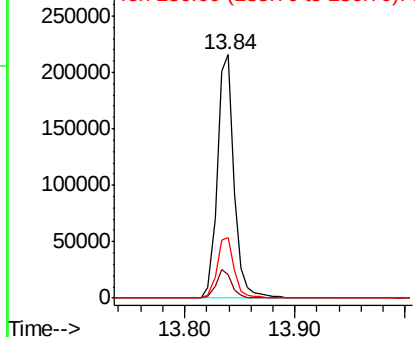


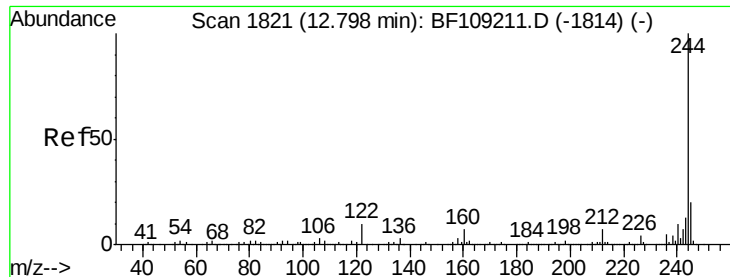
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109573.D
Acq: 4 Oct 2018 4:07

Tgt Ion:240 Resp: 226853
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.1 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

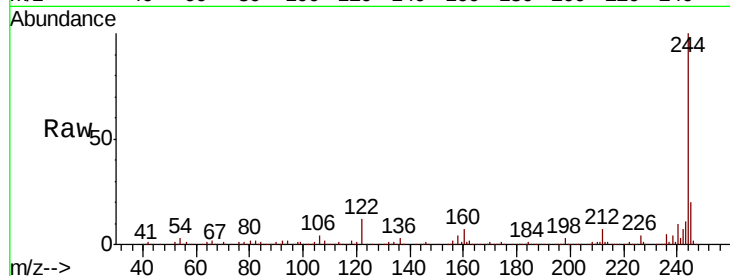




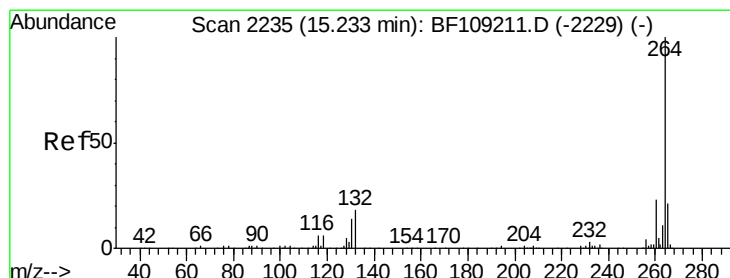
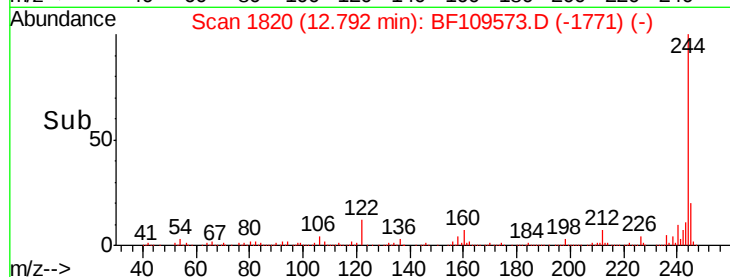
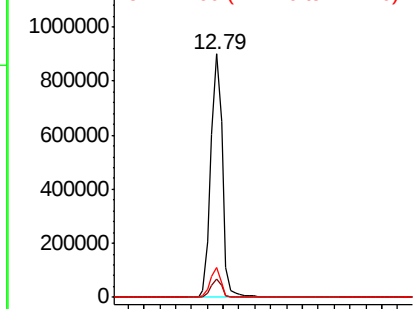
#78
 Terphenyl-d14
 Concen: 98.489 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109573.D
 Acq: 4 Oct 2018 4:07

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

Tgt Ion: 244 Resp: 910395
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 12.1 11.0 16.4

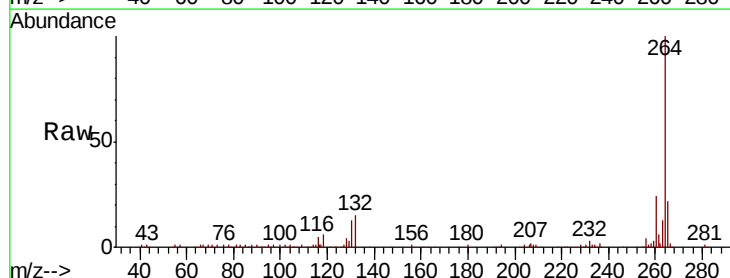


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109573.D
 Acq: 4 Oct 2018 4:07

Tgt Ion: 264 Resp: 152786
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.8 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

