

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109576.D
 Acq On : 4 Oct 2018 5:27
 Operator : JU/SJ
 Sample : J5221-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Oct 04 07:14:51 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

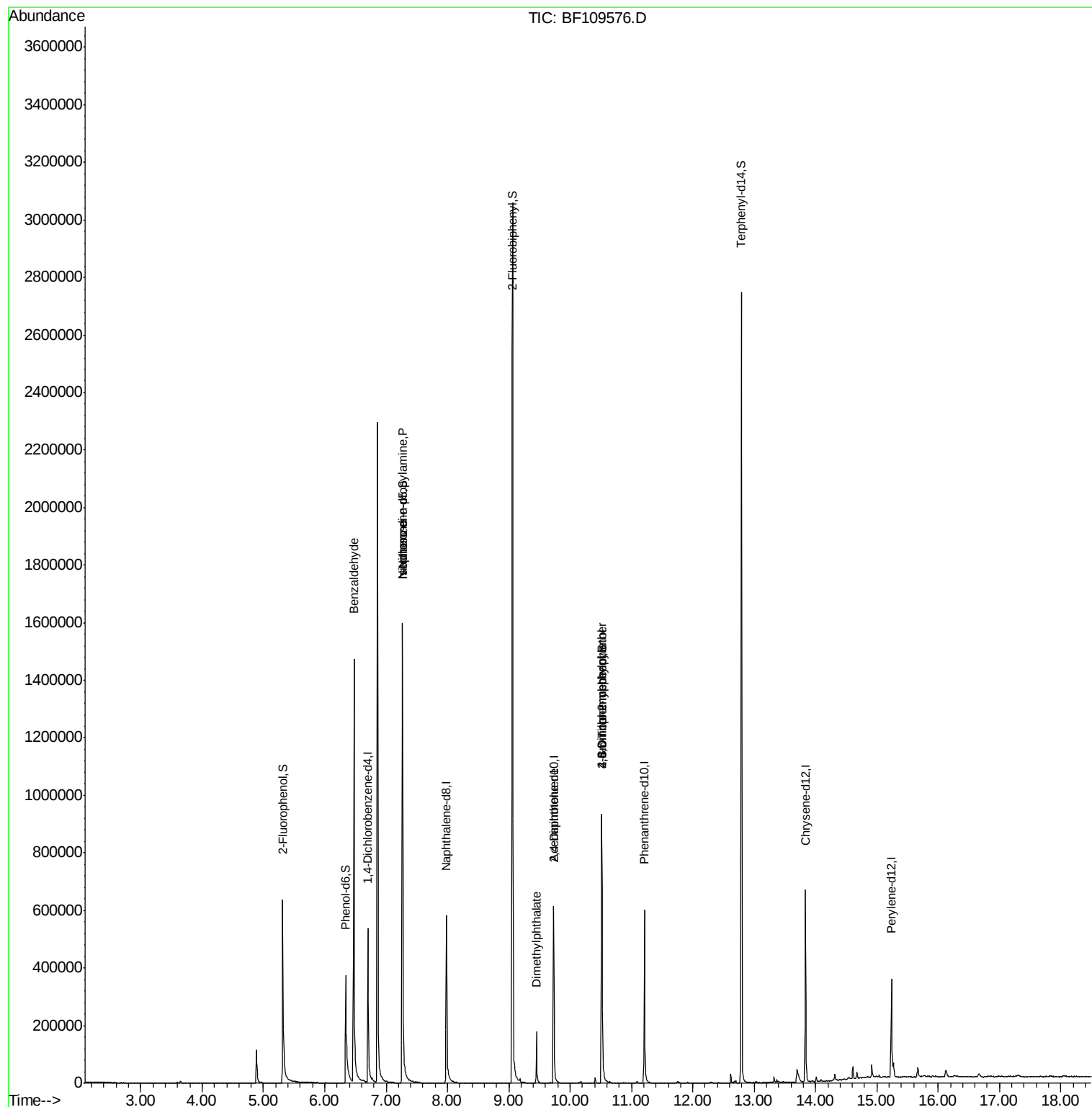
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102117	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	356100	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	142158	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	255095	20.00	ng	0.00
75) Chrysene-d12	13.84	240	249175	20.00	ng	0.00
86) Perylene-d12	15.24	264	167845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	247864	39.98	ng	0.00
7) Phenol-d6	6.34	99	194412	24.57	ng	-0.02
23) Nitrobenzene-d5	7.27	82	646886	107.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	134230	95.78	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1069875	113.51	ng	-0.01
78) Terphenyl-d14	12.79	244	1023262	100.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	10511	2.068	ng	# 78
19) n-Nitroso-di-n-propylamine	7.27	70	88155	17.005	ng	# 77
25) Isophorone	7.27	82	629255	57.928	ng	# 64
49) Dimethylphthalate	9.45	163	82893	8.017	ng	# 98
56) 2,4-Dinitrotoluene	9.73	165	17401	6.716	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.52	198	124	6.625	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	7836	2.766	ng	# 1

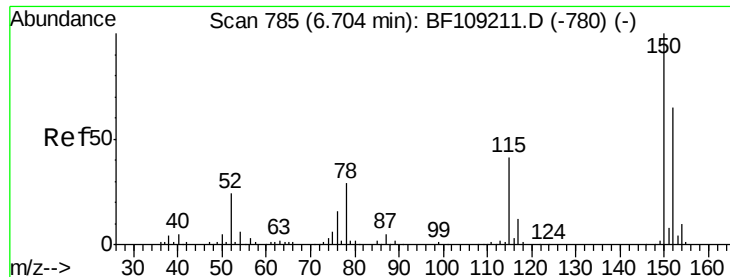
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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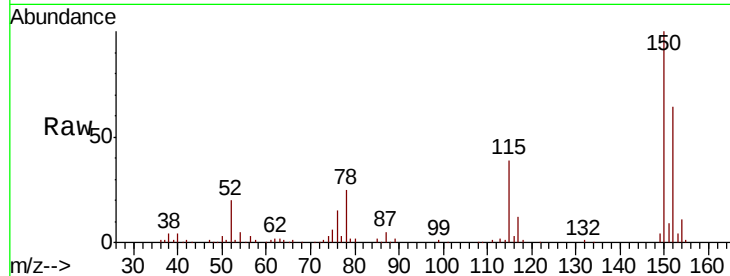




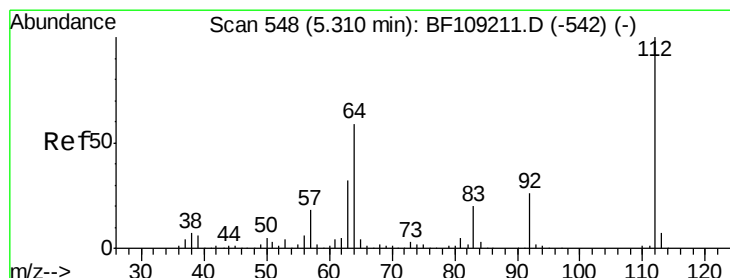
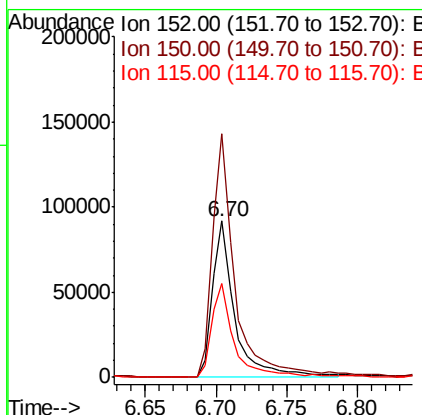
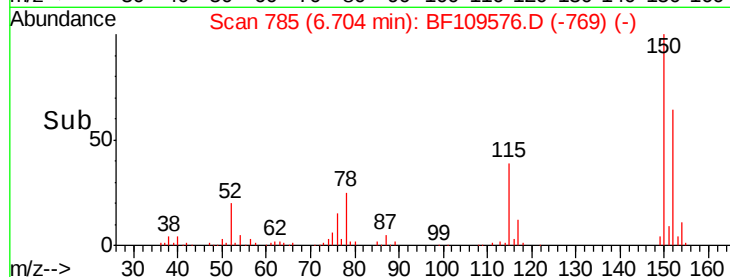
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109576.D
 Acq: 4 Oct 2018 5:27

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

Tgt Ion:152 Resp: 102117
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.6 186.8
 115 60.1 50.1 75.1

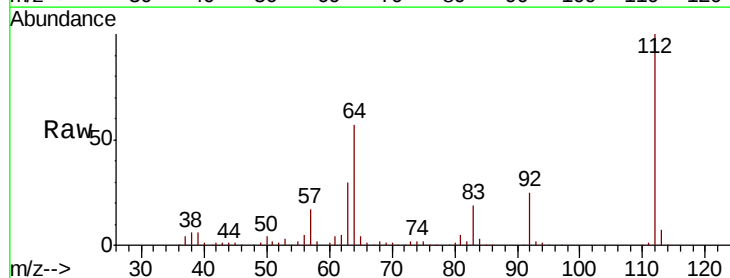


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

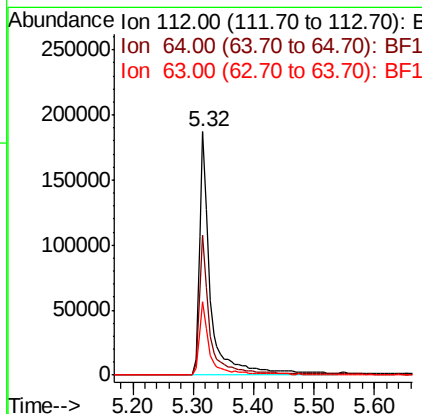
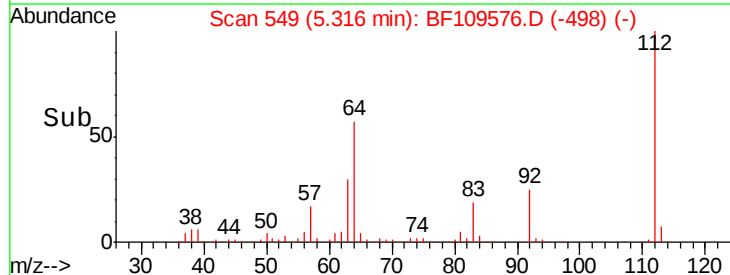


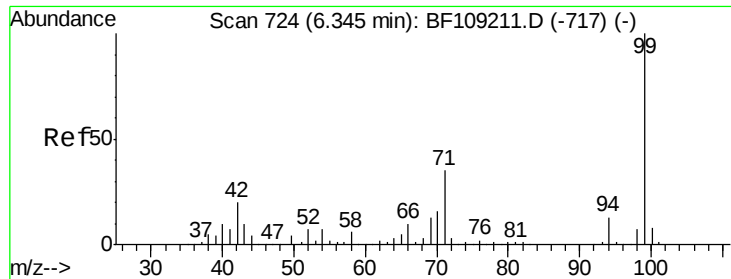
#5
 2-Fluorophenol
 Concen: 39.979 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109576.D
 Acq: 4 Oct 2018 5:27

Tgt Ion:112 Resp: 247864
 Ion Ratio Lower Upper
 112 100
 64 57.5 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: 24.574 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109576.D

Acq: 4 Oct 2018 5:27

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-U-S

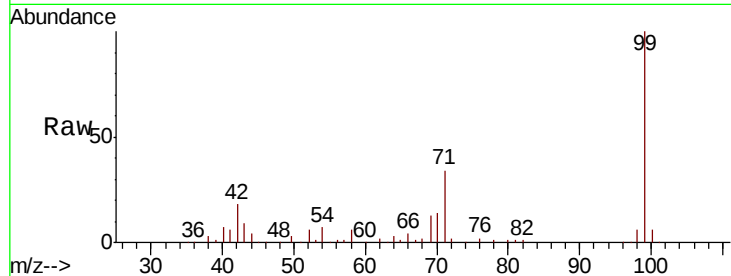
Tgt Ion: 99 Resp: 194412

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

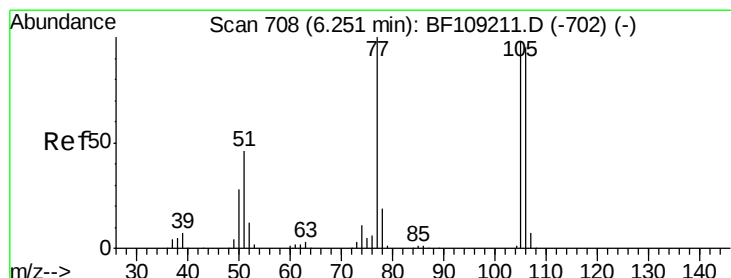
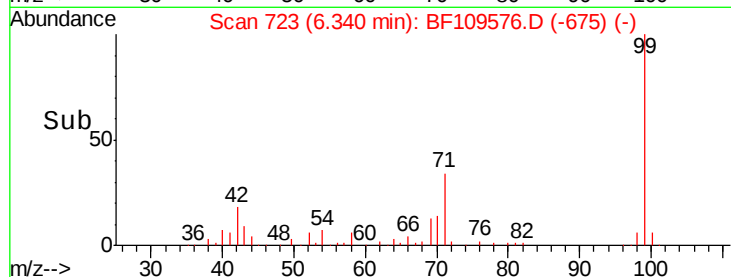
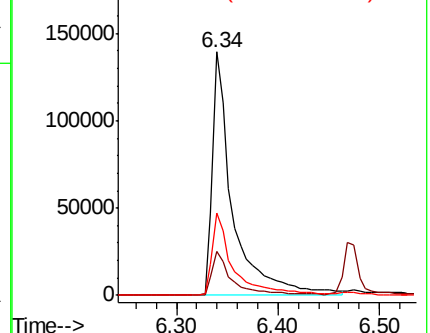
71 33.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.068 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109576.D

Acq: 4 Oct 2018 5:27

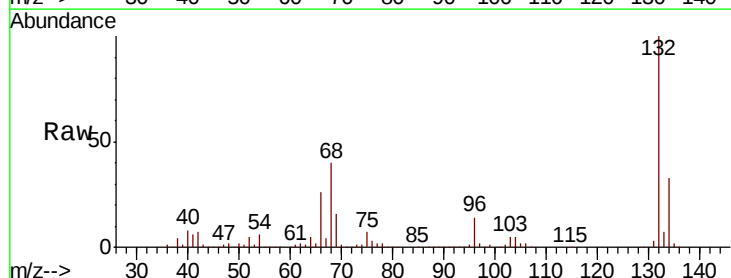
Tgt Ion: 77 Resp: 10511

Ion Ratio Lower Upper

77 100

105 80.6 81.1 121.1#

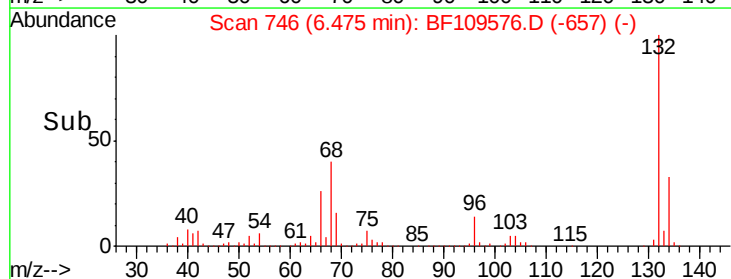
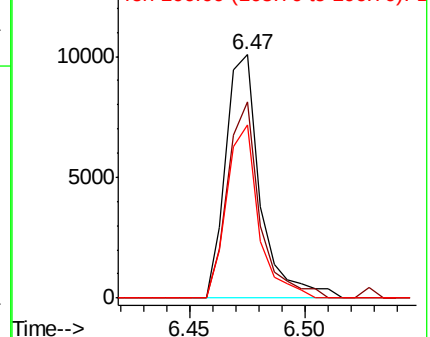
106 71.3 74.5 114.5#

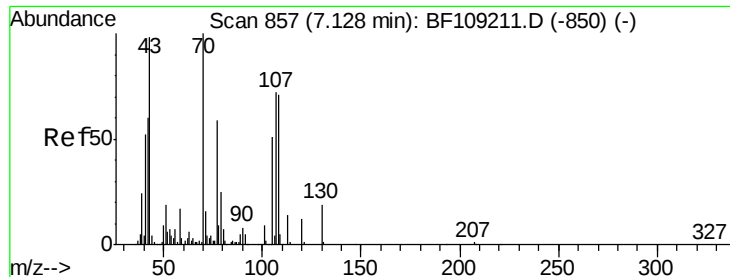


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

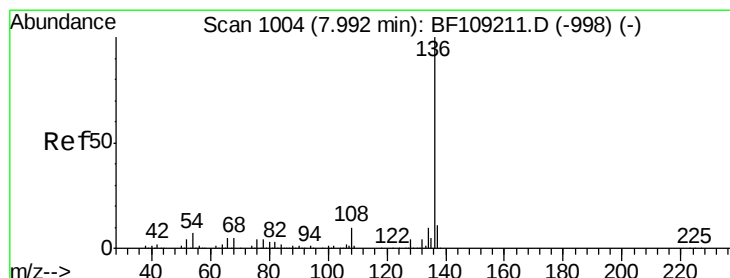
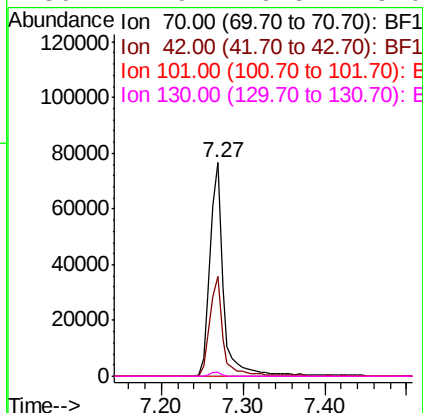
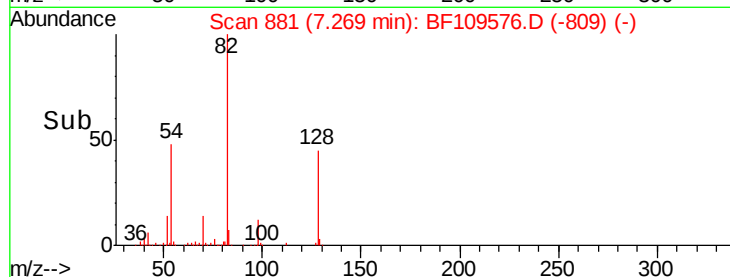
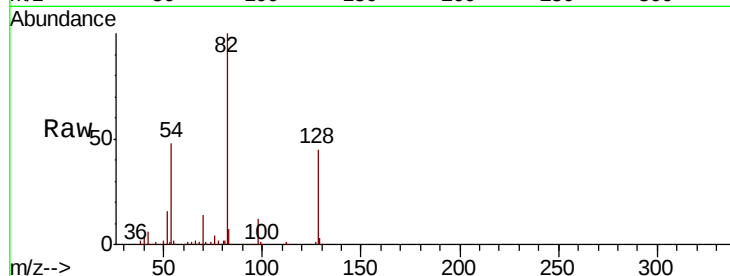




#19
n-Nitroso-di-n-propylamine
Concen: 17.005 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109576.D
Acq: 4 Oct 2018 5:27

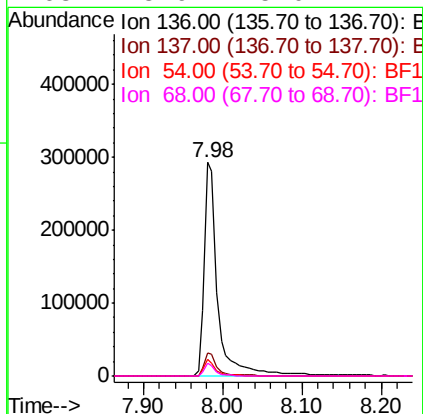
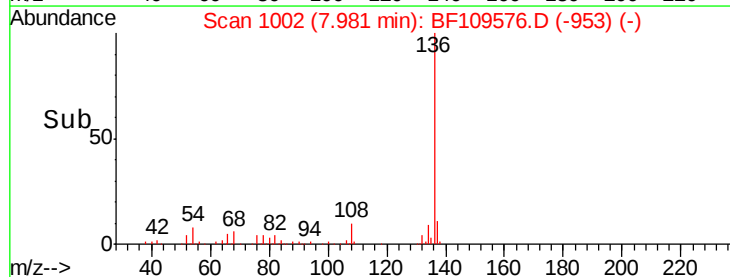
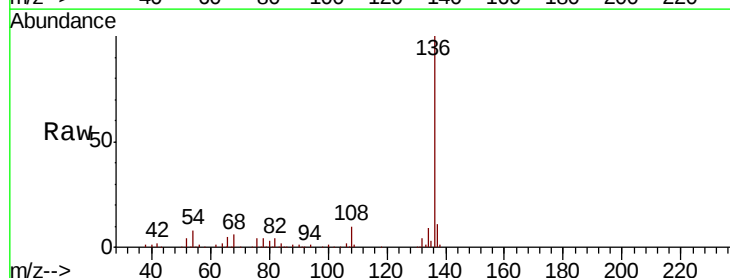
Instrument :
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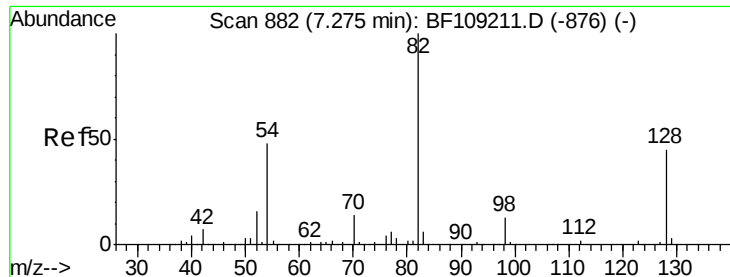
Tgt Ion: 70 Resp: 88155
Ion Ratio Lower Upper
70 100
42 46.9 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109576.D
Acq: 4 Oct 2018 5:27

Tgt Ion: 136 Resp: 356100
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 6.6 9.8
68 5.9 5.0 7.4

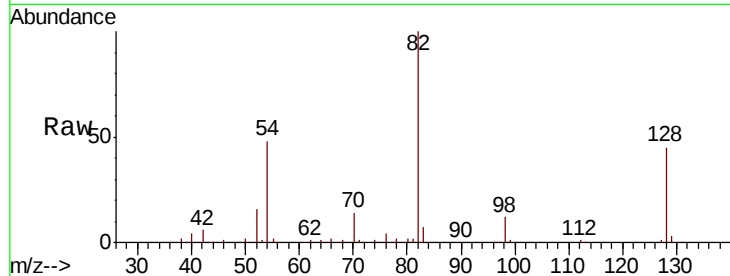




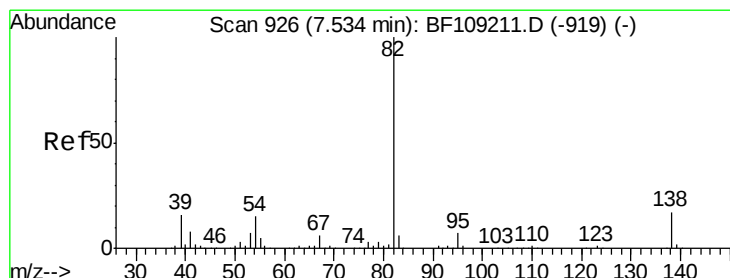
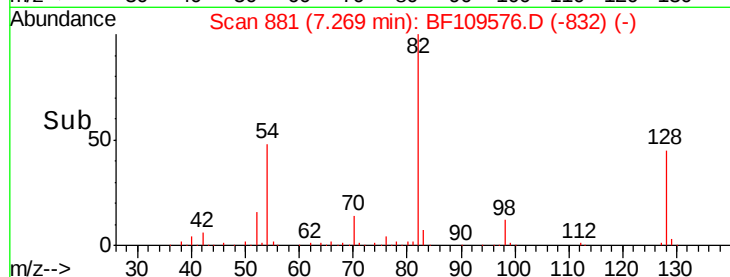
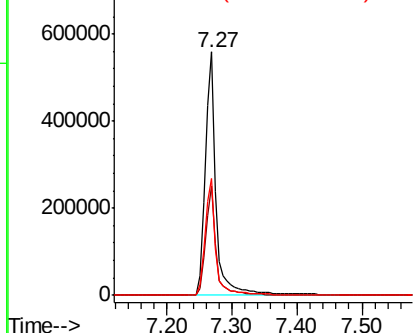
#23
 Nitrobenzene-d5
 Concen: 107.236 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109576.D
 Acq: 4 Oct 2018 5:27

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

Tgt Ion: 82 Resp: 646886
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 48.0 41.4 62.2

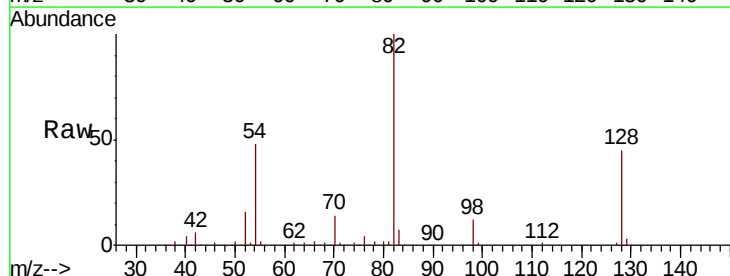


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

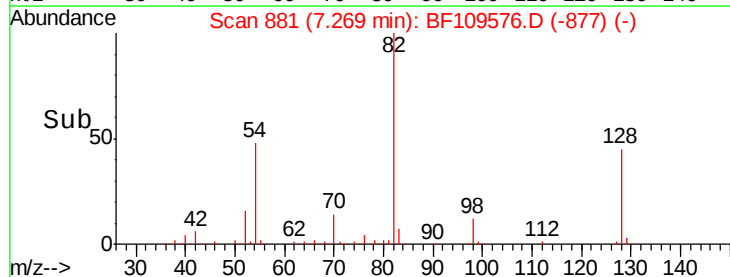
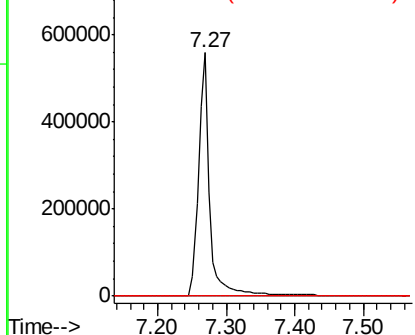


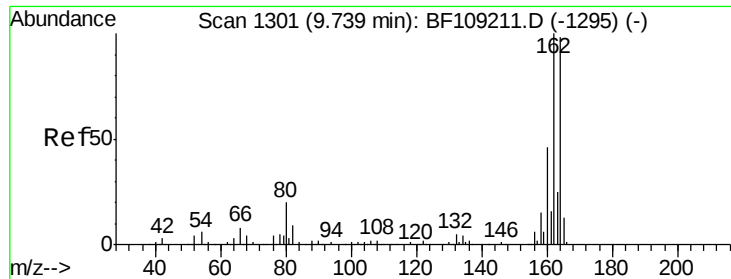
#25
 Isophorone
 Concen: 57.928 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109576.D
 Acq: 4 Oct 2018 5:27

Tgt Ion: 82 Resp: 629255
 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

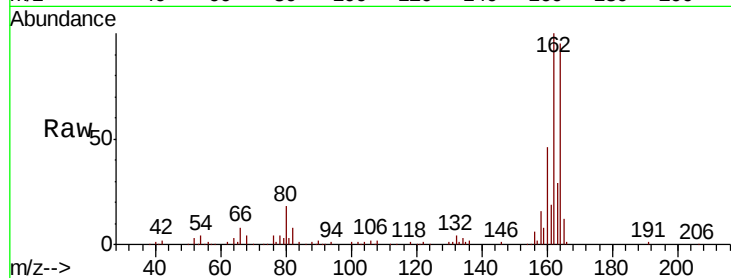




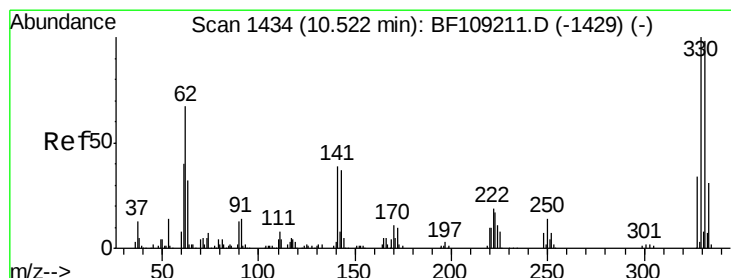
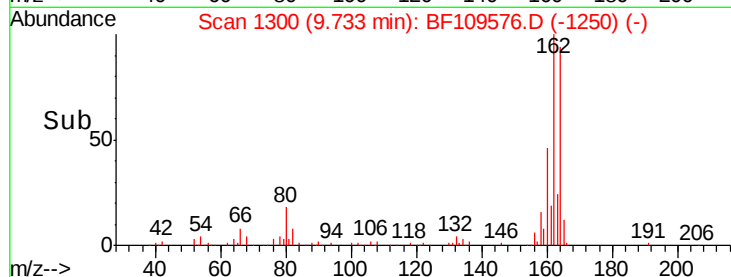
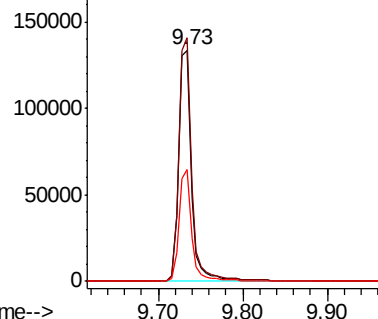
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109576.D
 Acq: 4 Oct 2018 5:27

Instrument :
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 ClientSampleId :
 100118-SIDI-E-U-S

Tgt Ion:164 Resp: 142158
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 48.3 38.3 57.5

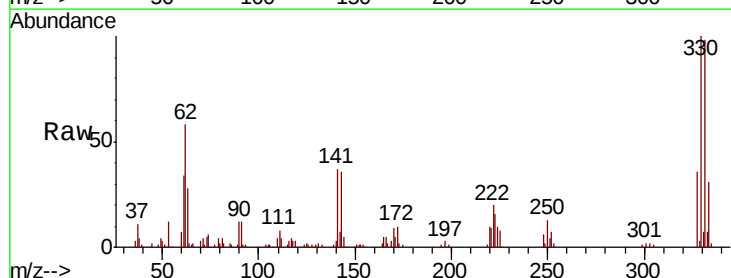


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

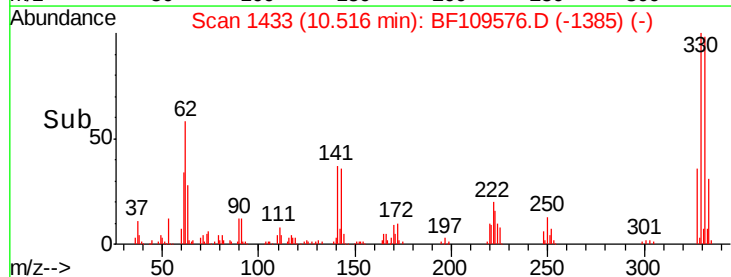
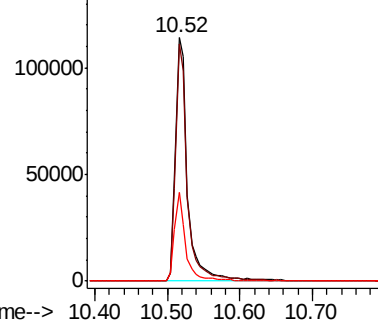


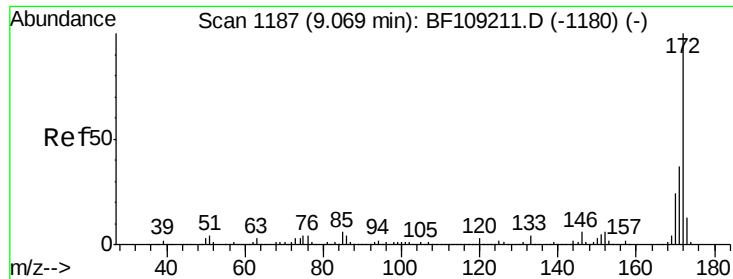
#41
 2,4,6-Tribromophenol
 Concen: 95.784 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109576.D
 Acq: 4 Oct 2018 5:27

Tgt Ion:330 Resp: 134230
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 33.3 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

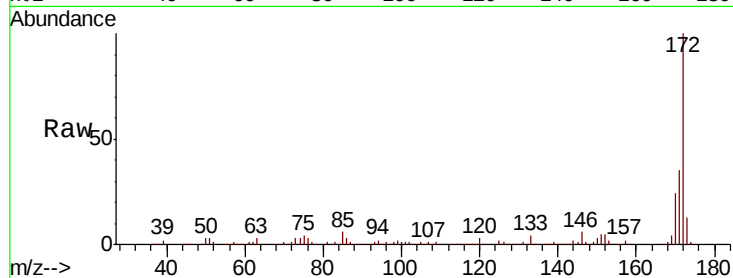




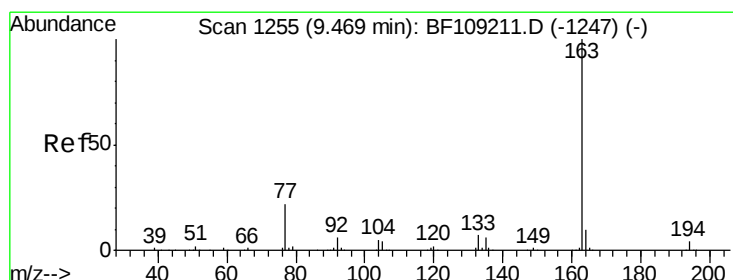
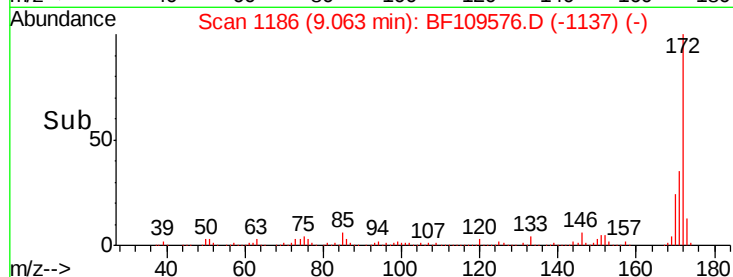
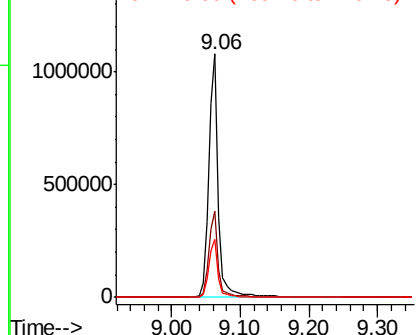
#44
2-Fluorobiphenyl
Concen: 113.506 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109576.D
Acq: 4 Oct 2018 5:27

Instrument :
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Tgt Ion:172 Resp: 1069875
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.9 19.6 29.4

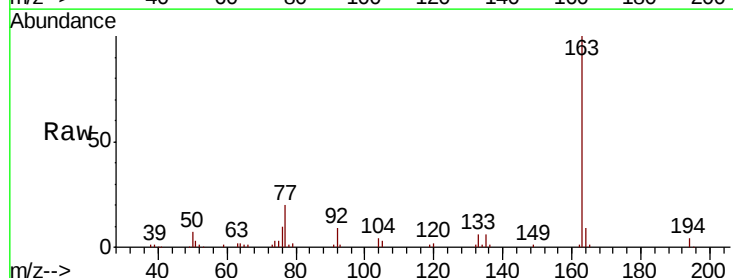


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

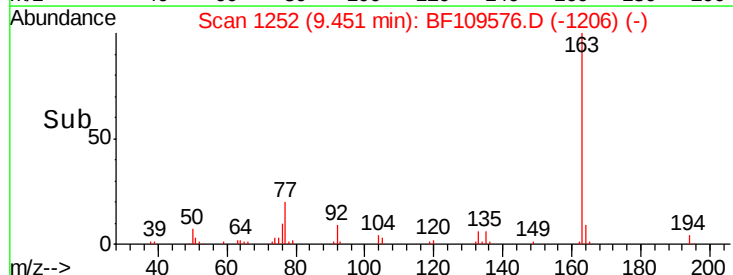
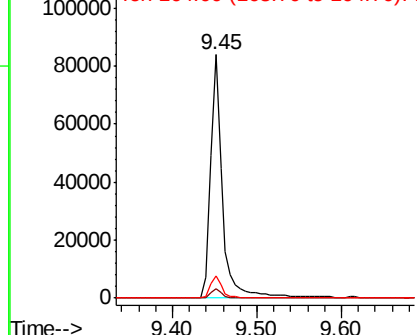


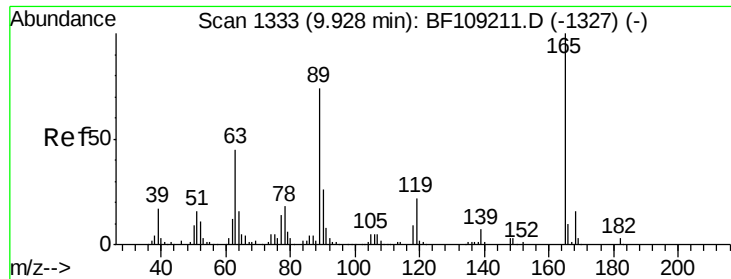
#49
Dimethylphthalate
Concen: 8.017 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109576.D
Acq: 4 Oct 2018 5:27

Tgt Ion:163 Resp: 82893
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.3 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

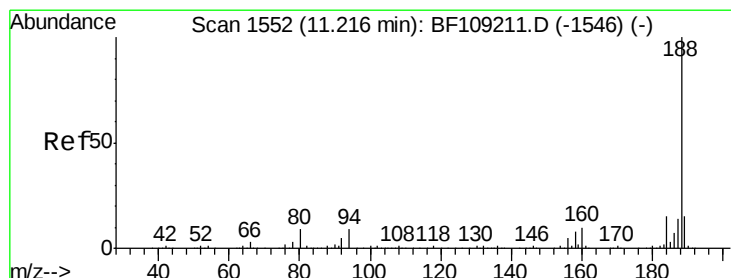
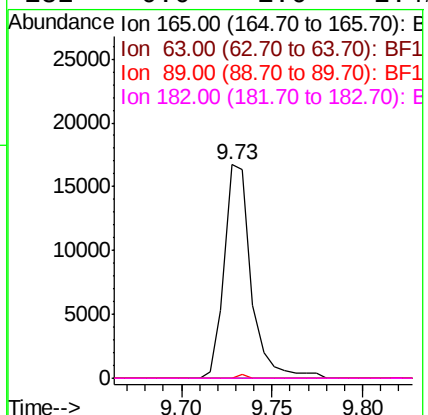
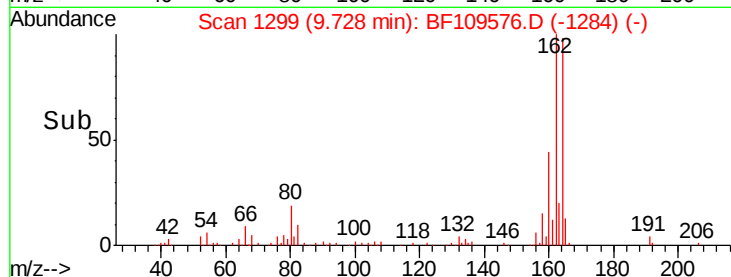
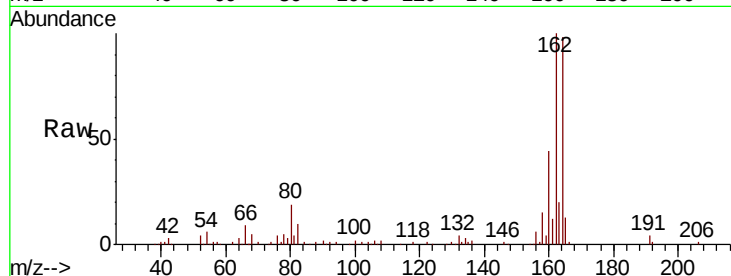




#56
2,4-Dinitrotoluene
Concen: 6.716 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109576.D
Acq: 4 Oct 2018 5:27

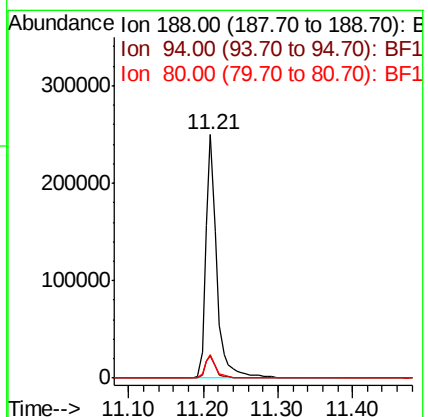
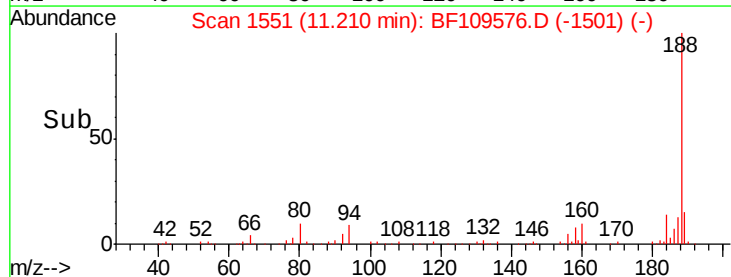
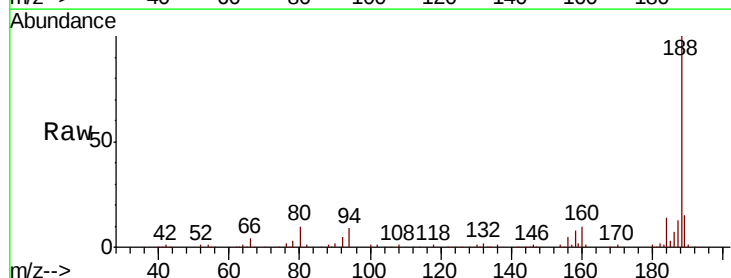
Instrument :
BNA_F
ClientSampleId :
100118-SIDI-E-U-S

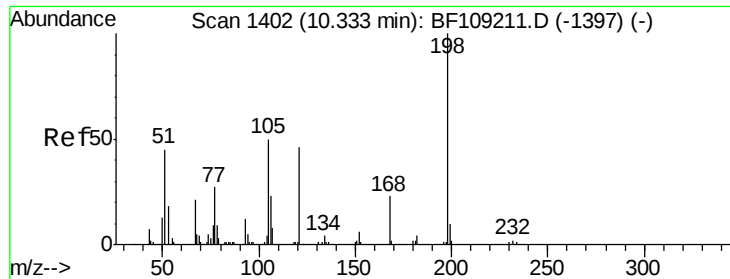
Tgt Ion:165 Resp: 17401
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109576.D
Acq: 4 Oct 2018 5:27

Tgt Ion:188 Resp: 255095
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.7 9.2 13.8

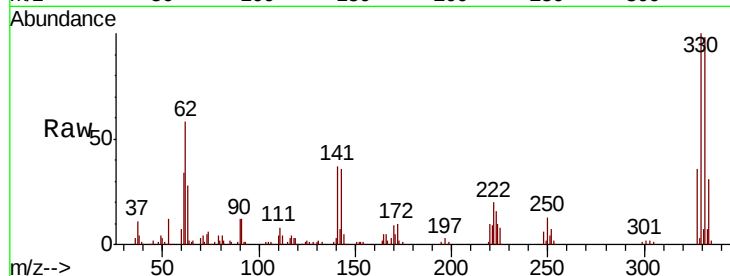




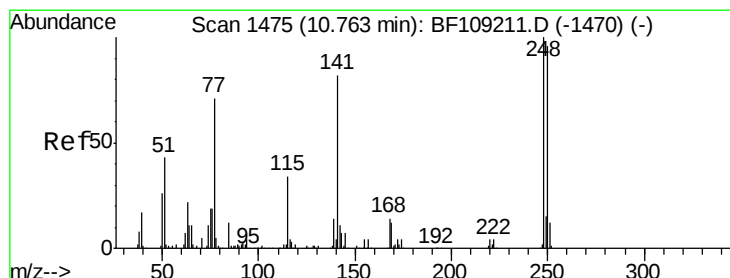
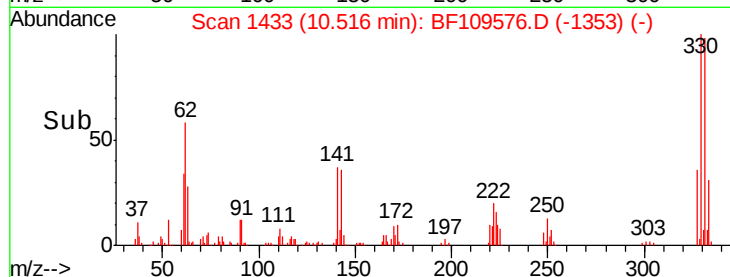
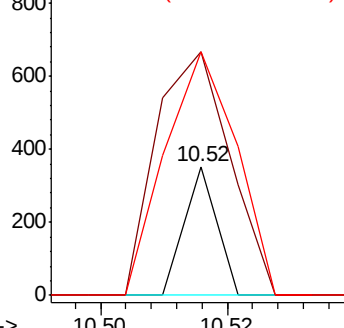
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.625 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109576.D
 Acq: 4 Oct 2018 5:27

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

Tgt Ion:198 Resp: 124
 Ion Ratio Lower Upper
 198 100
 51 189.5 37.7 77.7#
 105 189.5 36.3 76.3#

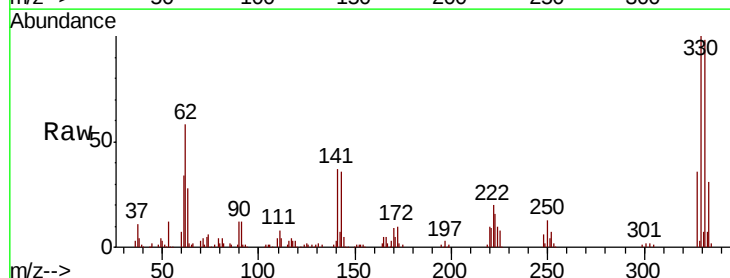


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

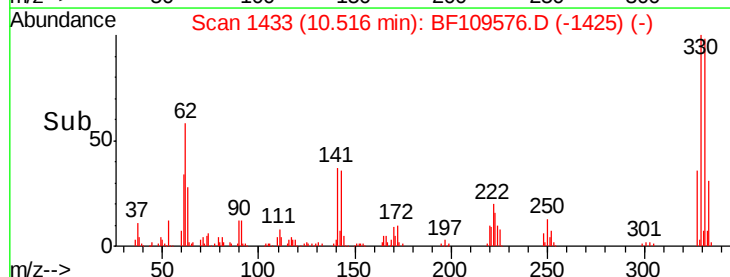
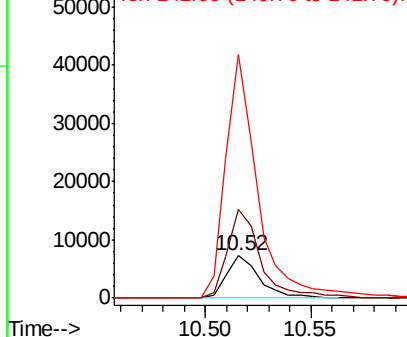


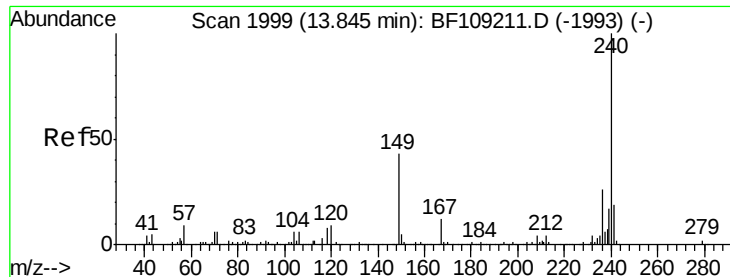
#66
 4-Bromophenyl-phenylether
 Concen: 2.766 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF109576.D
 Acq: 4 Oct 2018 5:27

Tgt Ion:248 Resp: 7836
 Ion Ratio Lower Upper
 248 100
 250 209.3 76.9 115.3#
 141 574.6 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: BF109576.D

Acq: 4 Oct 2018 5:27

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-U-S

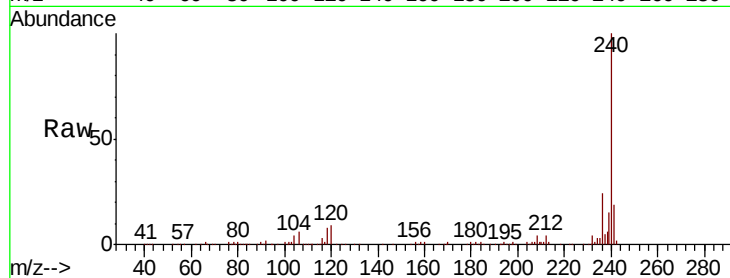
Tgt Ion:240 Resp: 249175

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

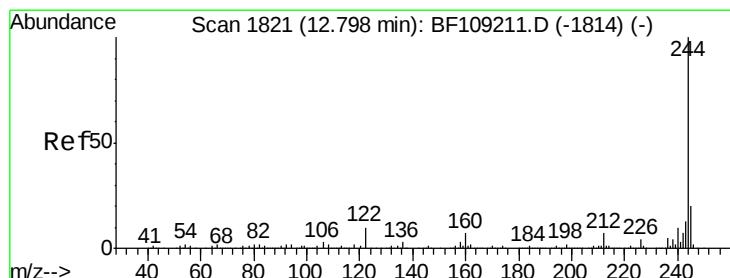
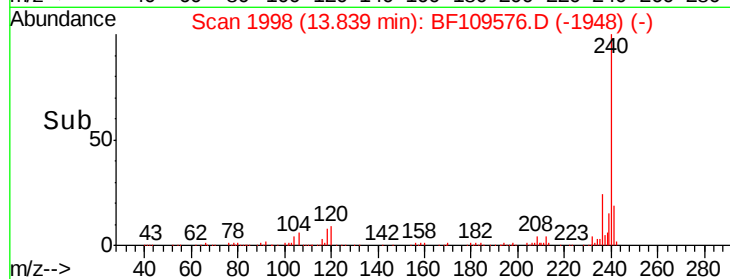
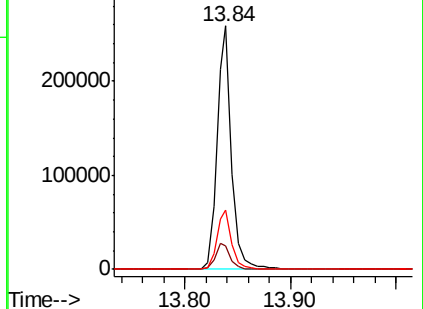
236 24.2 20.7 31.1



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: 100.783 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109576.D

Acq: 4 Oct 2018 5:27

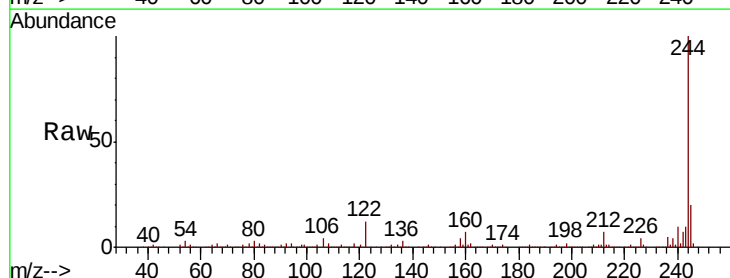
Tgt Ion:244 Resp: 1023262

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

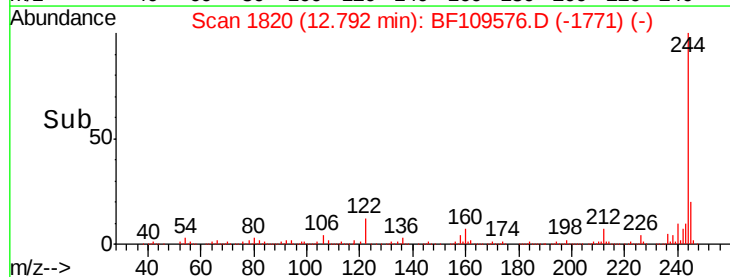
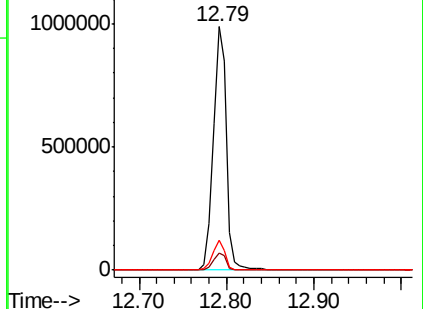
122 12.1 11.0 16.4

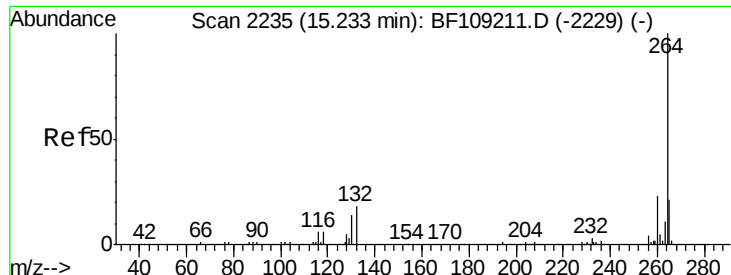


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109576.D
Acq: 4 Oct 2018 5:27

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.7	17.5	26.3

