

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
 Data File : BF109594.D
 Acq On : 4 Oct 2018 18:32
 Operator : JU/SJ
 Sample : J5241-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-D-S

Quant Time: Oct 05 01:30:50 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

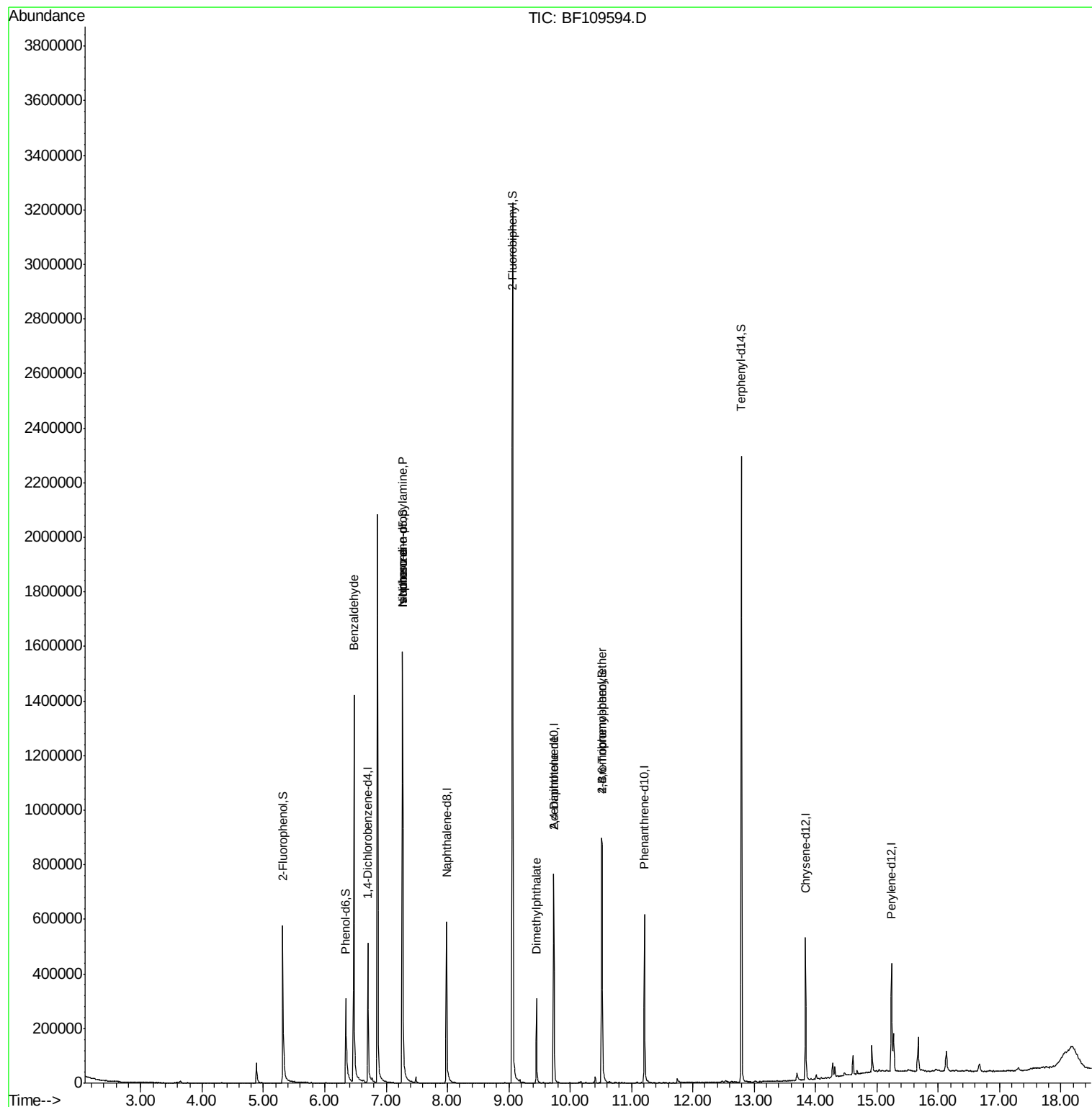
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	92120	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	349645	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	154914	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	253498	20.00	ng	0.00
75) Chrysene-d12	13.84	240	194849	20.00	ng	0.00
86) Perylene-d12	15.24	264	194864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	200037	35.77	ng	0.00
7) Phenol-d6	6.35	99	167456	23.46	ng	-0.01
23) Nitrobenzene-d5	7.27	82	638851	107.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	133316	87.30	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1079564	105.10	ng	-0.01
78) Terphenyl-d14	12.79	244	806598	101.59	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	9890	2.157	ng	# 69
19) n-Nitroso-di-n-propylamine	7.27	70	85851	18.358	ng	# 76
25) Isophorone	7.27	82	610336	57.224	ng	# 64
49) Dimethylphthalate	9.45	163	125596	11.147	ng	# 98
56) 2,4-Dinitrotoluene	9.73	165	18893	6.691	ng	# 24
66) 4-Bromophenyl-phenylether	10.52	248	8168	2.902	ng	# 1

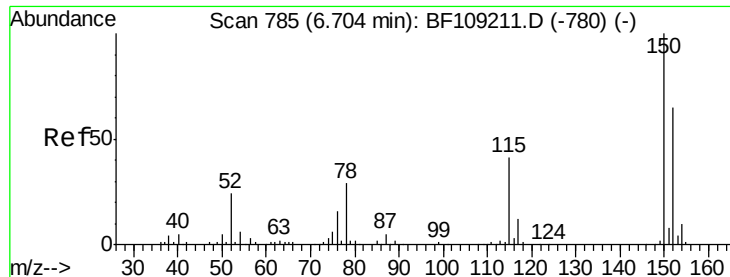
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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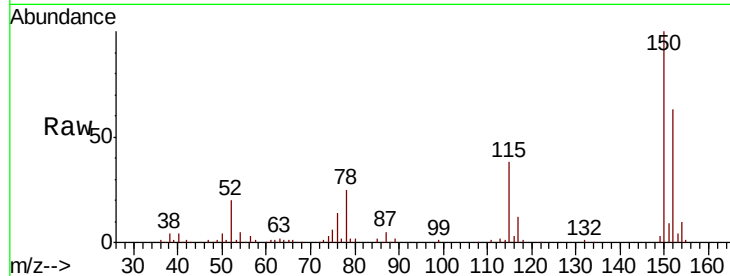




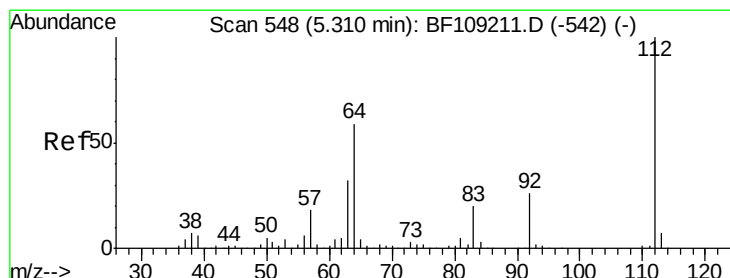
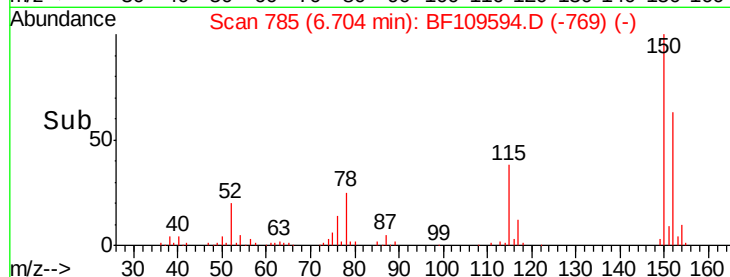
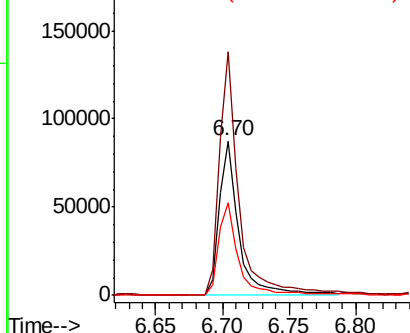
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109594.D
 Acq: 4 Oct 2018 18:32

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-D-S

Tgt Ion:152 Resp: 92120
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 59.8 50.1 75.1

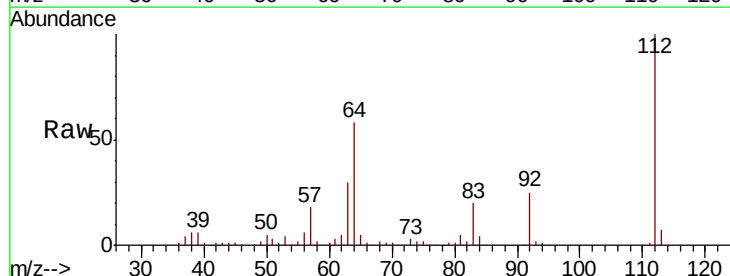


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

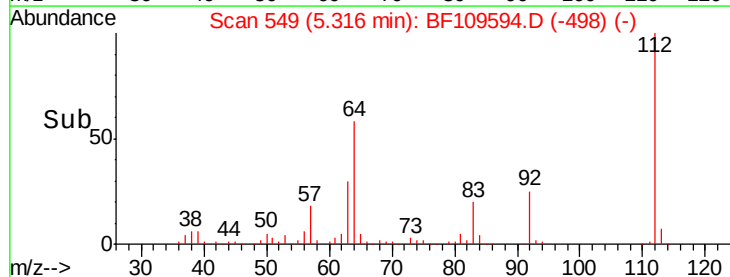
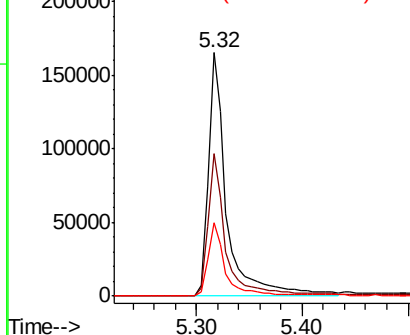


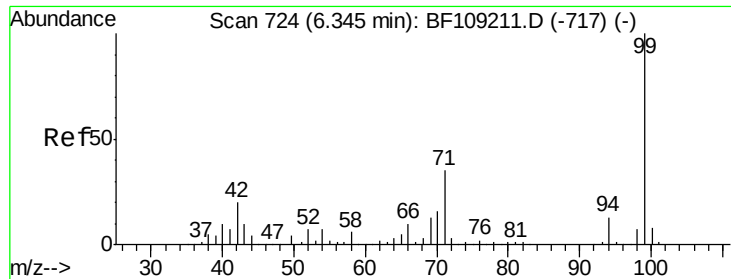
#5
 2-Fluorophenol
 Concen: 35.766 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109594.D
 Acq: 4 Oct 2018 18:32

Tgt Ion:112 Resp: 200037
 Ion Ratio Lower Upper
 112 100
 64 58.4 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: 23.464 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109594.D

Acq: 4 Oct 2018 18:32

Instrument :

BNA_F

ClientSampleId :

100218-SIDI-E-D-S

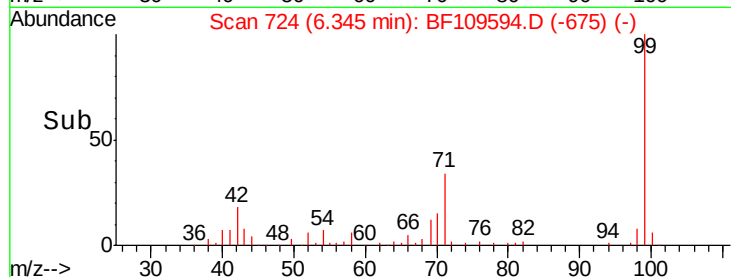
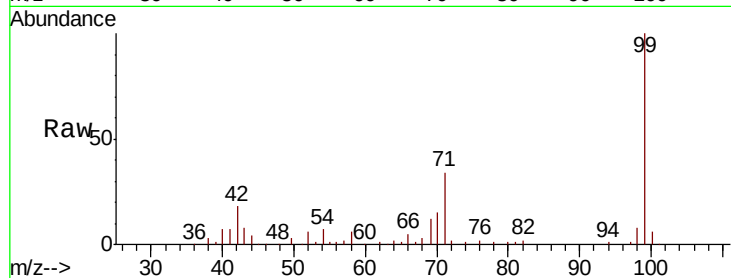
Tgt Ion: 99 Resp: 167456

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

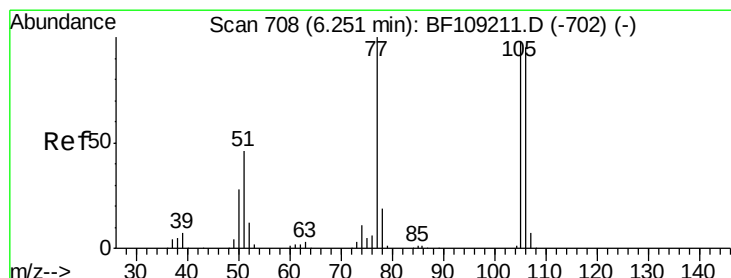
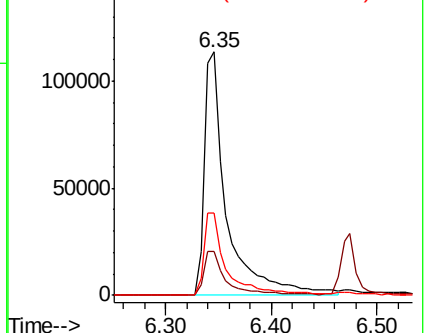
71 34.1 25.4 38.0



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: 2.157 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109594.D

Acq: 4 Oct 2018 18:32

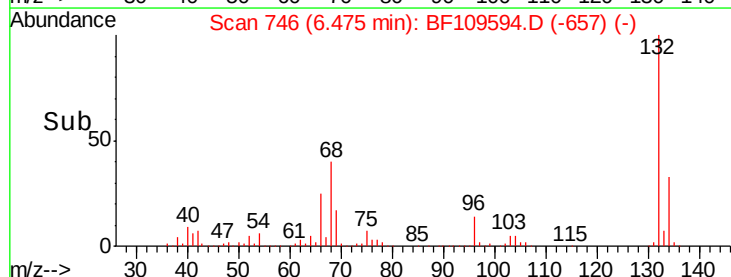
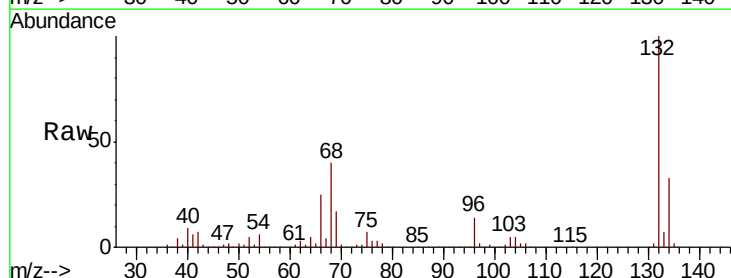
Tgt Ion: 77 Resp: 9890

Ion Ratio Lower Upper

77 100

105 72.4 81.1 121.1#

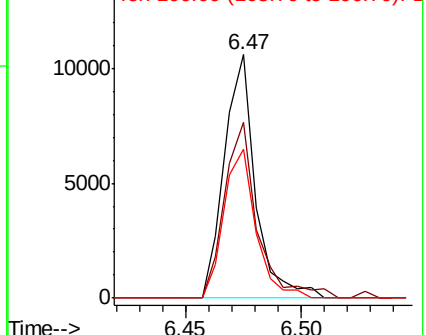
106 60.9 74.5 114.5#

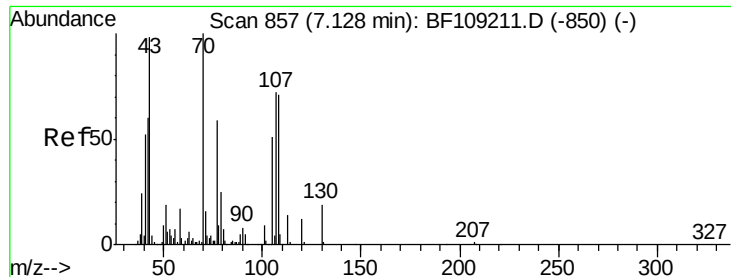


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

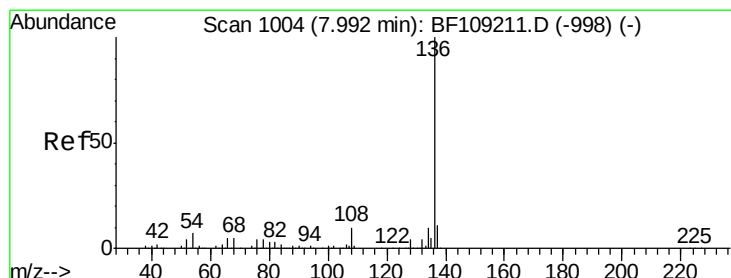
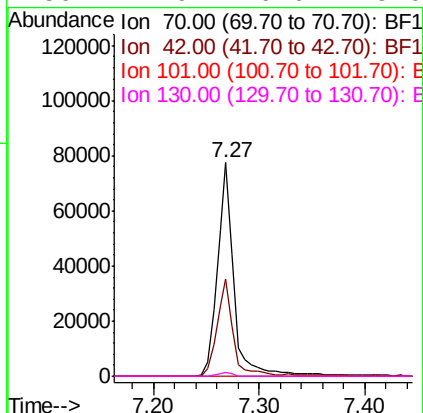
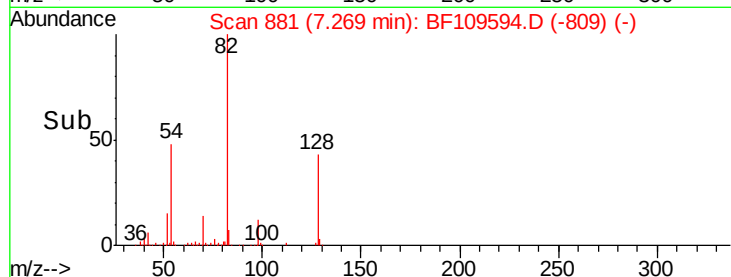
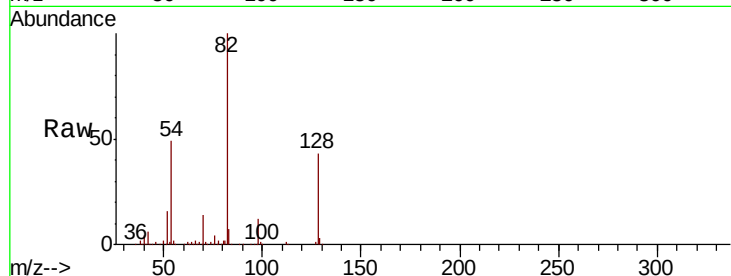




#19
n-Nitroso-di-n-propylamine
Concen: 18.358 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109594.D
Acq: 4 Oct 2018 18:32

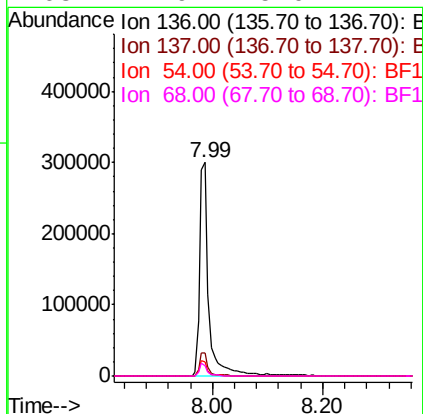
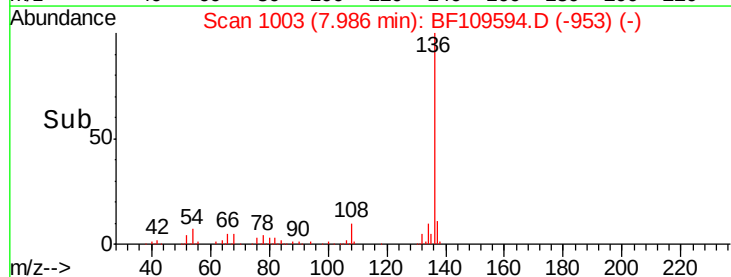
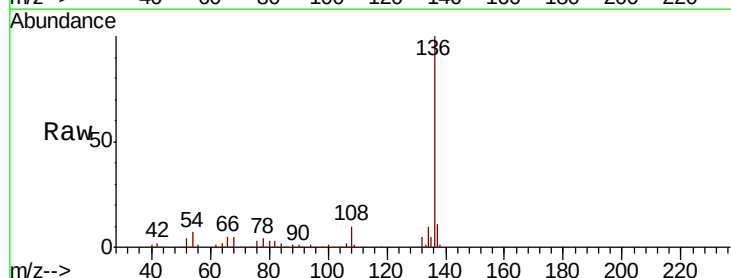
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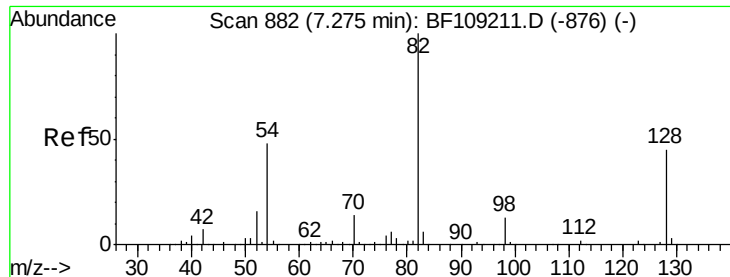
Tgt Ion: 70 Resp: 85851
Ion Ratio Lower Upper
70 100
42 45.8 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109594.D
Acq: 4 Oct 2018 18:32

Tgt Ion: 136 Resp: 349645
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.7 6.6 9.8
68 4.9 5.0 7.4#

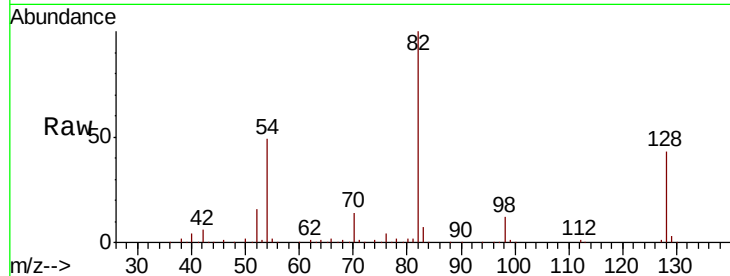




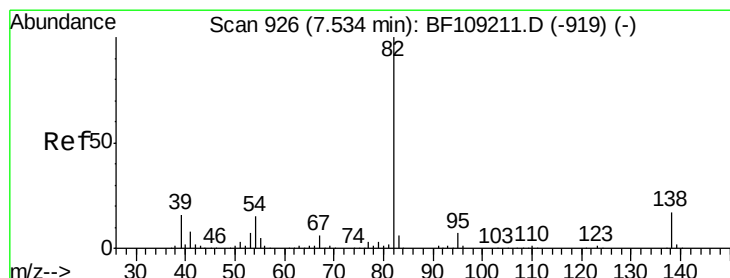
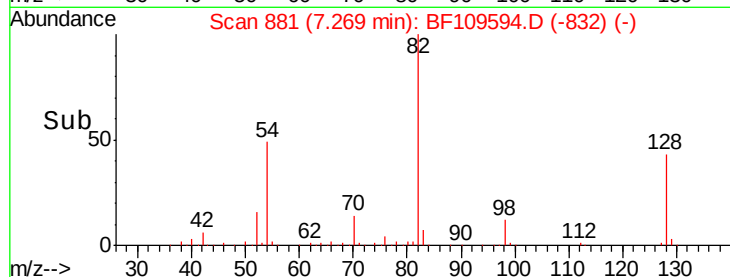
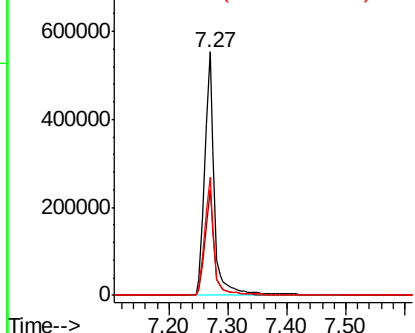
#23
 Nitrobenzene-d5
 Concen: 107.859 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109594.D
 Acq: 4 Oct 2018 18:32

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-D-S

Tgt Ion: 82 Resp: 638851
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.1 54.1
 54 48.6 41.4 62.2

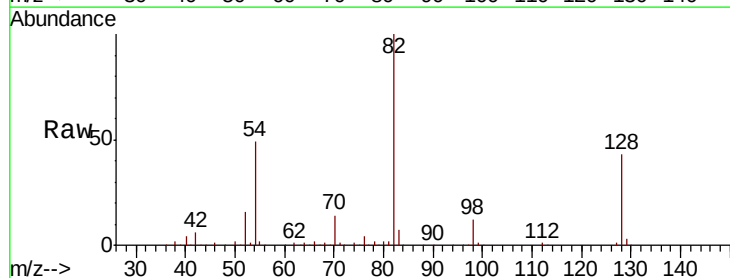


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

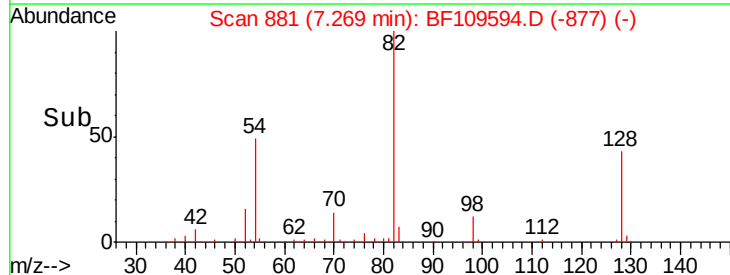
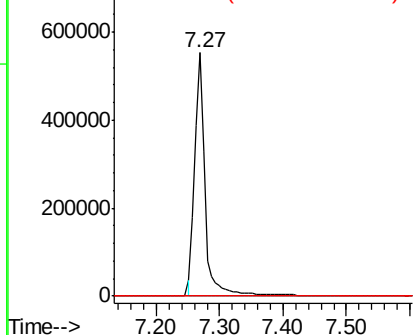


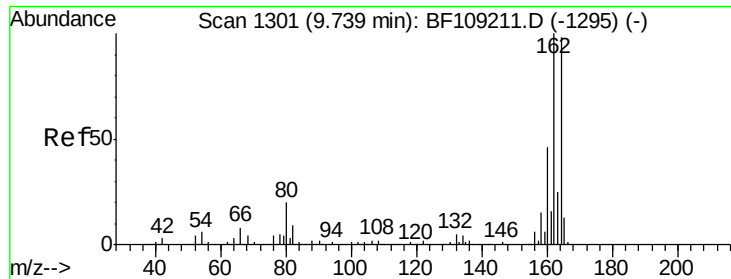
#25
 Isophorone
 Concen: 57.224 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109594.D
 Acq: 4 Oct 2018 18:32

Tgt Ion: 82 Resp: 610336
 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

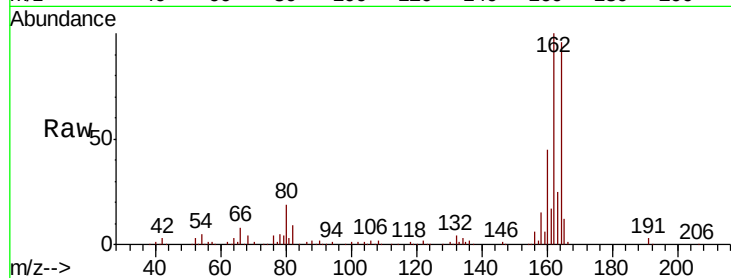




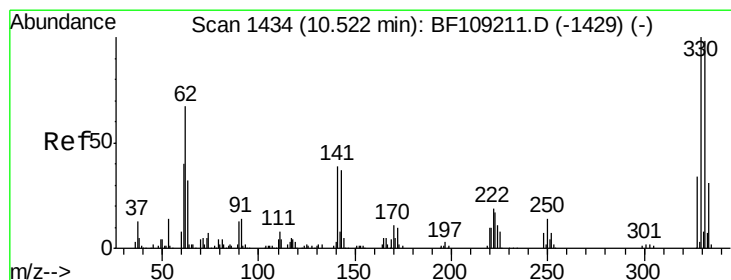
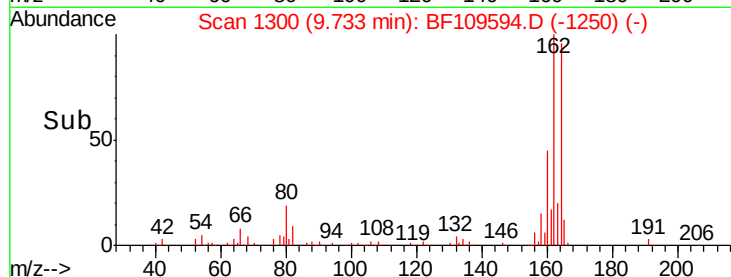
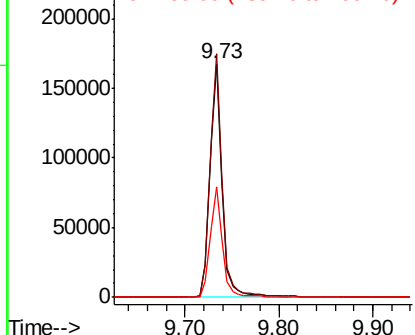
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109594.D
 Acq: 4 Oct 2018 18:32

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Tgt Ion:164 Resp: 154914
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 47.0 38.3 57.5

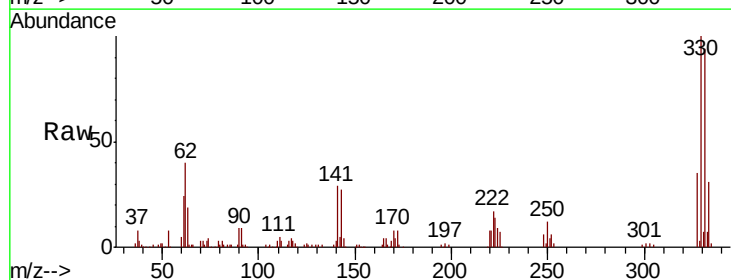


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

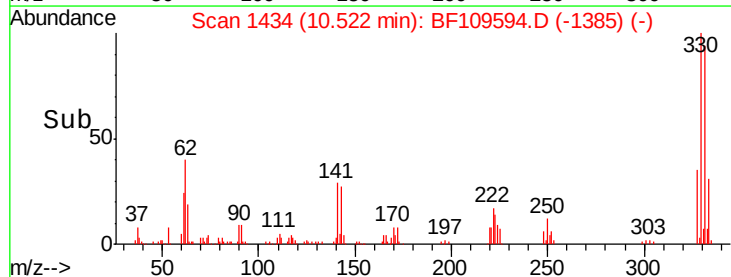
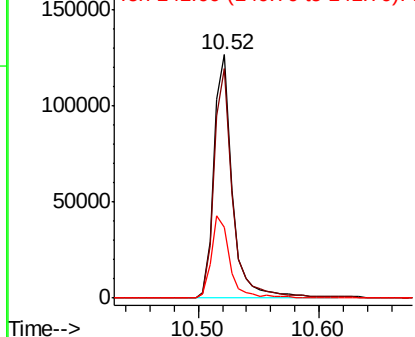


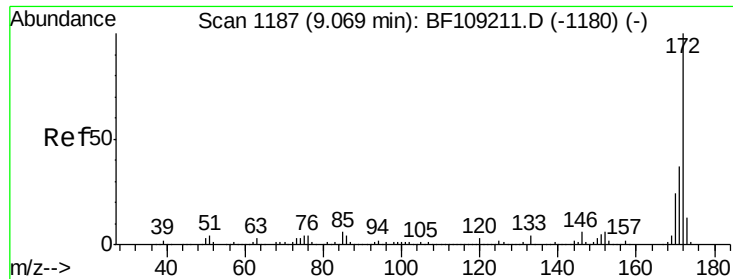
#41
 2,4,6-Tribromophenol
 Concen: 87.298 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109594.D
 Acq: 4 Oct 2018 18:32

Tgt Ion:330 Resp: 133316
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 34.1 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

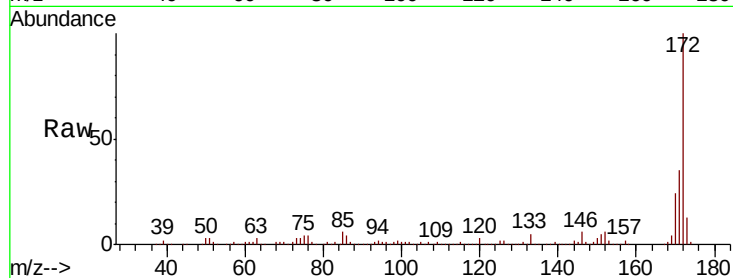




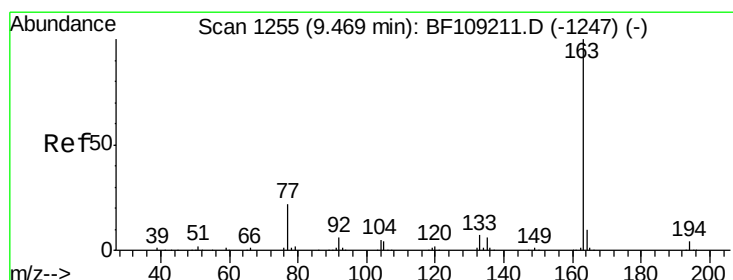
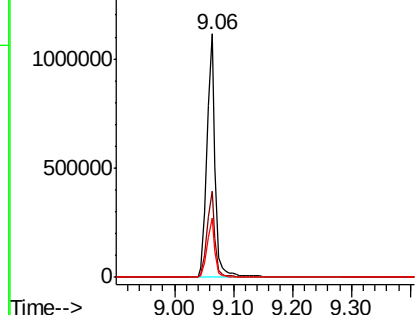
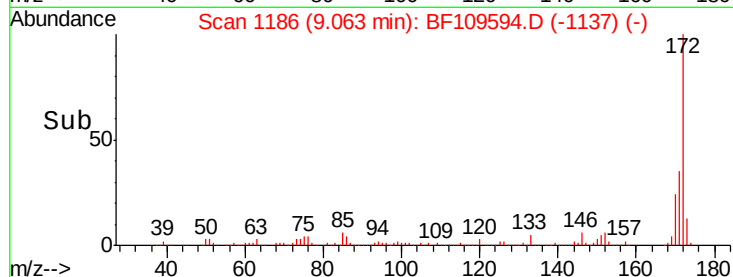
#44
2-Fluorobiphenyl
Concen: 105.103 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109594.D
Acq: 4 Oct 2018 18:32

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Tgt Ion:172 Resp: 1079564
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 24.1 19.6 29.4

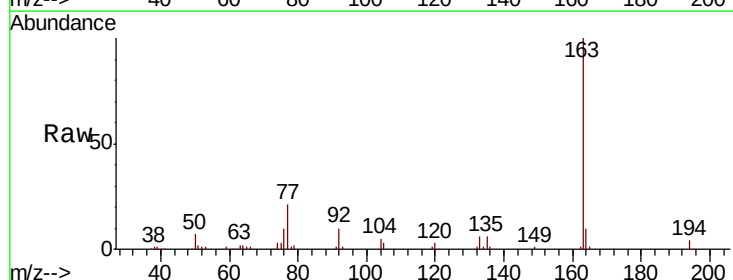


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

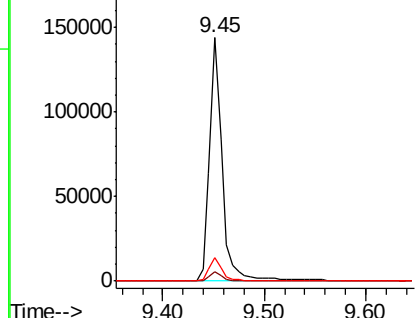
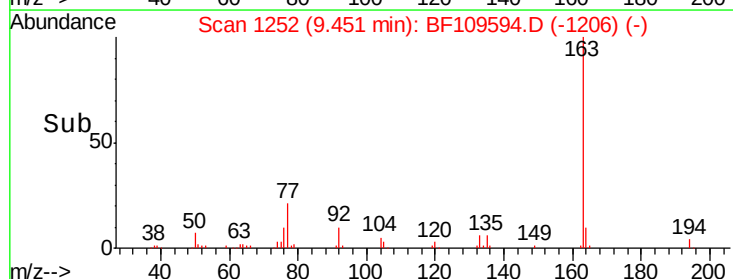


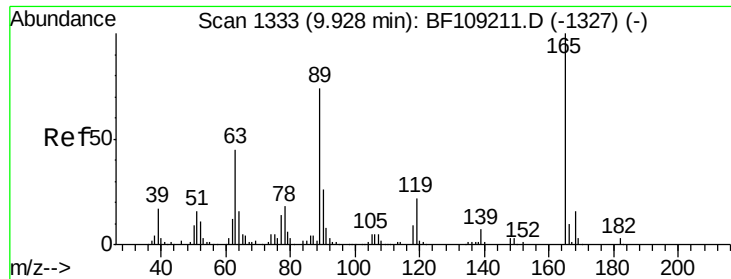
#49
Dimethylphthalate
Concen: 11.147 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109594.D
Acq: 4 Oct 2018 18:32

Tgt Ion:163 Resp: 125596
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

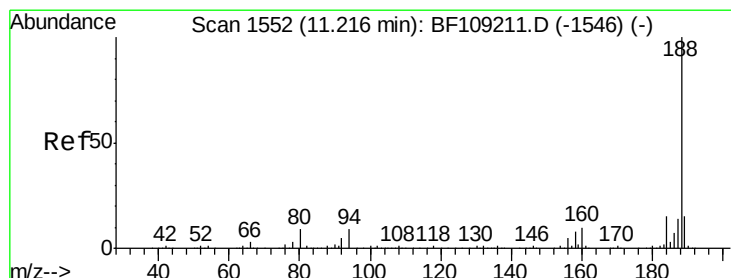
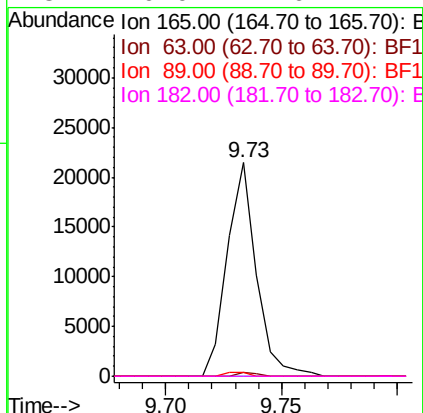
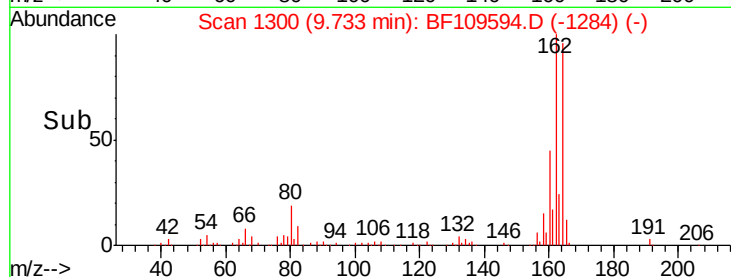
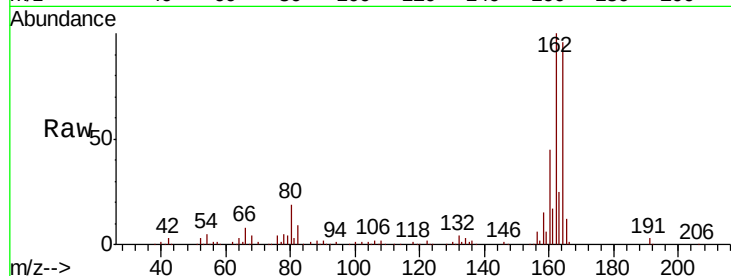




#56
2,4-Dinitrotoluene
Concen: 6.691 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109594.D
Acq: 4 Oct 2018 18:32

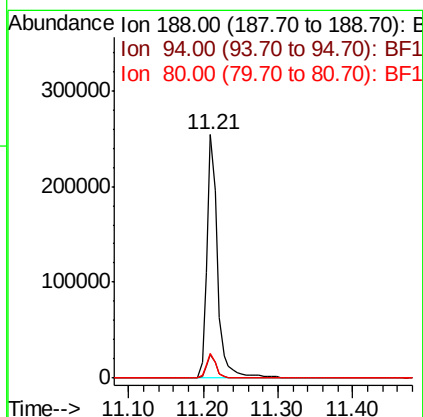
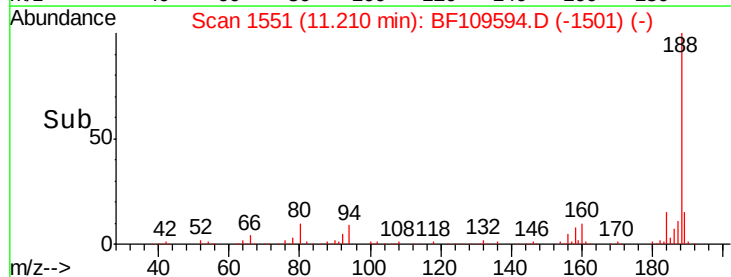
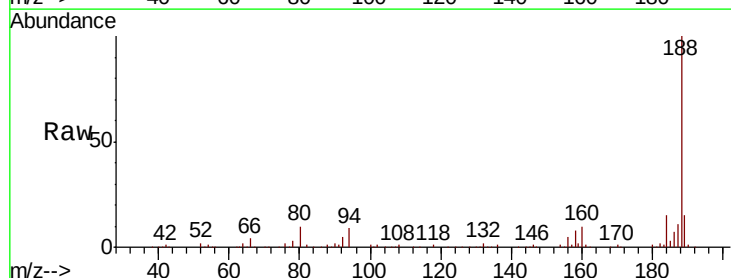
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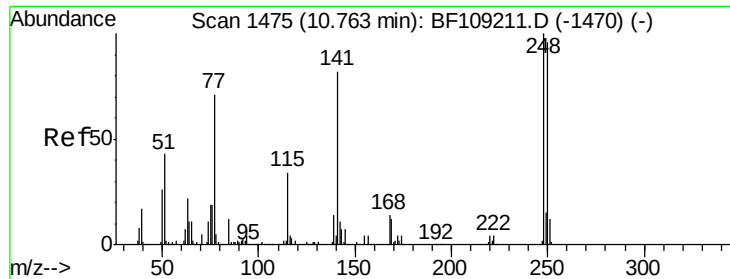
Tgt Ion:165 Resp: 18893
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 2.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109594.D
Acq: 4 Oct 2018 18:32

Tgt Ion:188 Resp: 253498
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.1 9.2 13.8

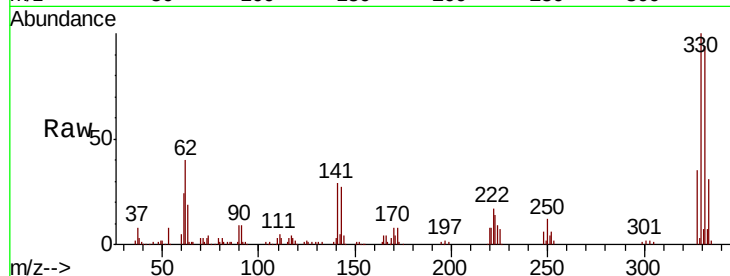




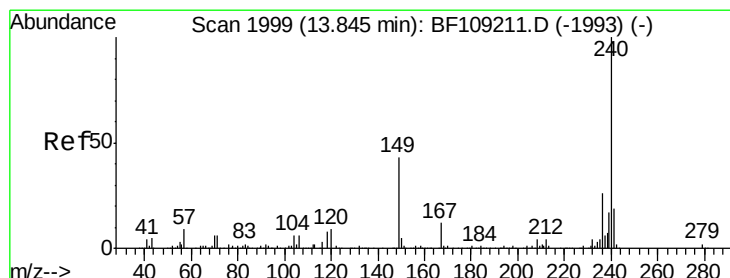
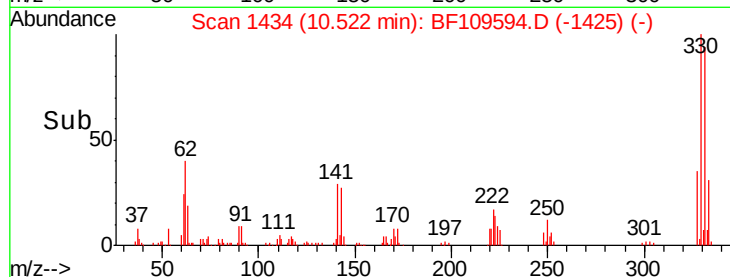
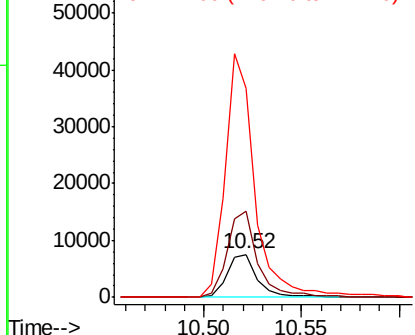
#66
4-Bromophenyl-phenylether
Concen: 2.902 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109594.D
Acq: 4 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :
100218-SIDI-E-D-S

Tgt Ion:248 Resp: 8168
Ion Ratio Lower Upper
248 100
250 199.0 76.9 115.3#
141 481.6 74.4 111.6#

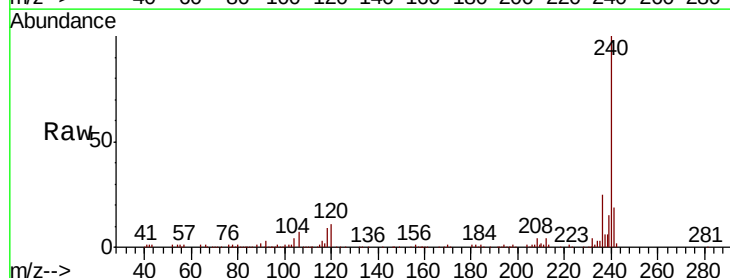


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

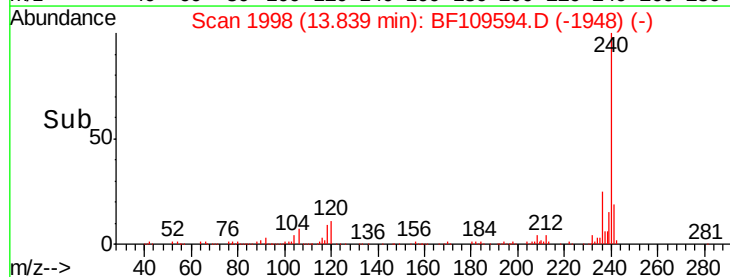
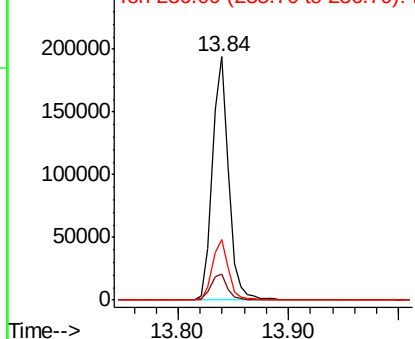


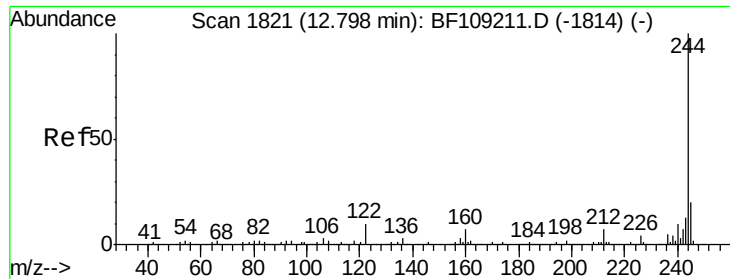
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109594.D
Acq: 4 Oct 2018 18:32

Tgt Ion:240 Resp: 194849
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 25.0 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

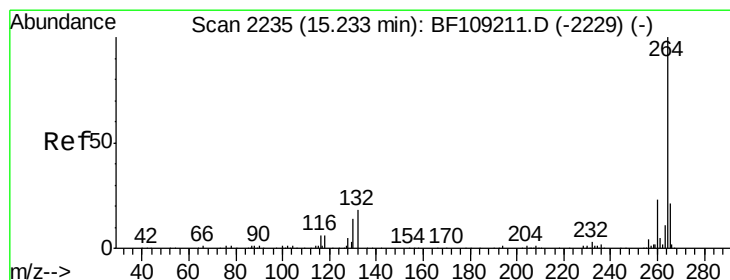
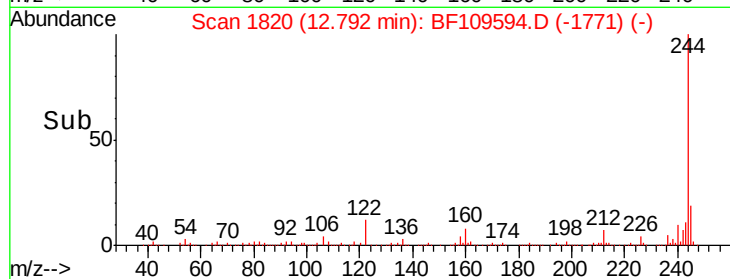
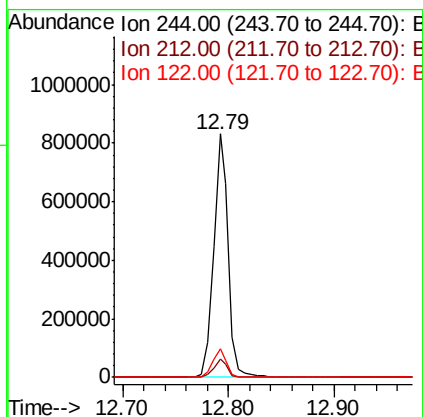
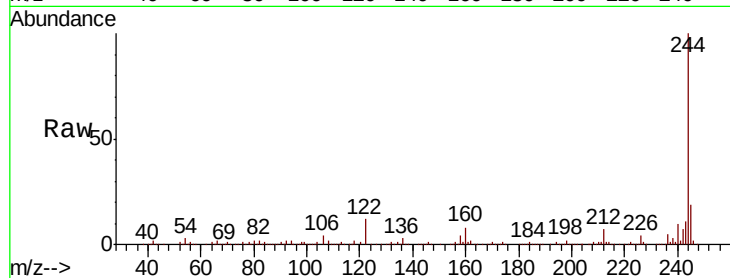




#78
 Terphenyl-d14
 Concen: 101.593 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109594.D
 Acq: 4 Oct 2018 18:32

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-D-S

Tgt Ion:244 Resp: 806598
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 11.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109594.D
 Acq: 4 Oct 2018 18:32

Tgt Ion:264 Resp: 194864
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.0 17.5 26.3

