

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
 Data File : BF109596.D
 Acq On : 4 Oct 2018 19:25
 Operator : JU/SJ
 Sample : J5241-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-U-M

Quant Time: Oct 05 01:31:08 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

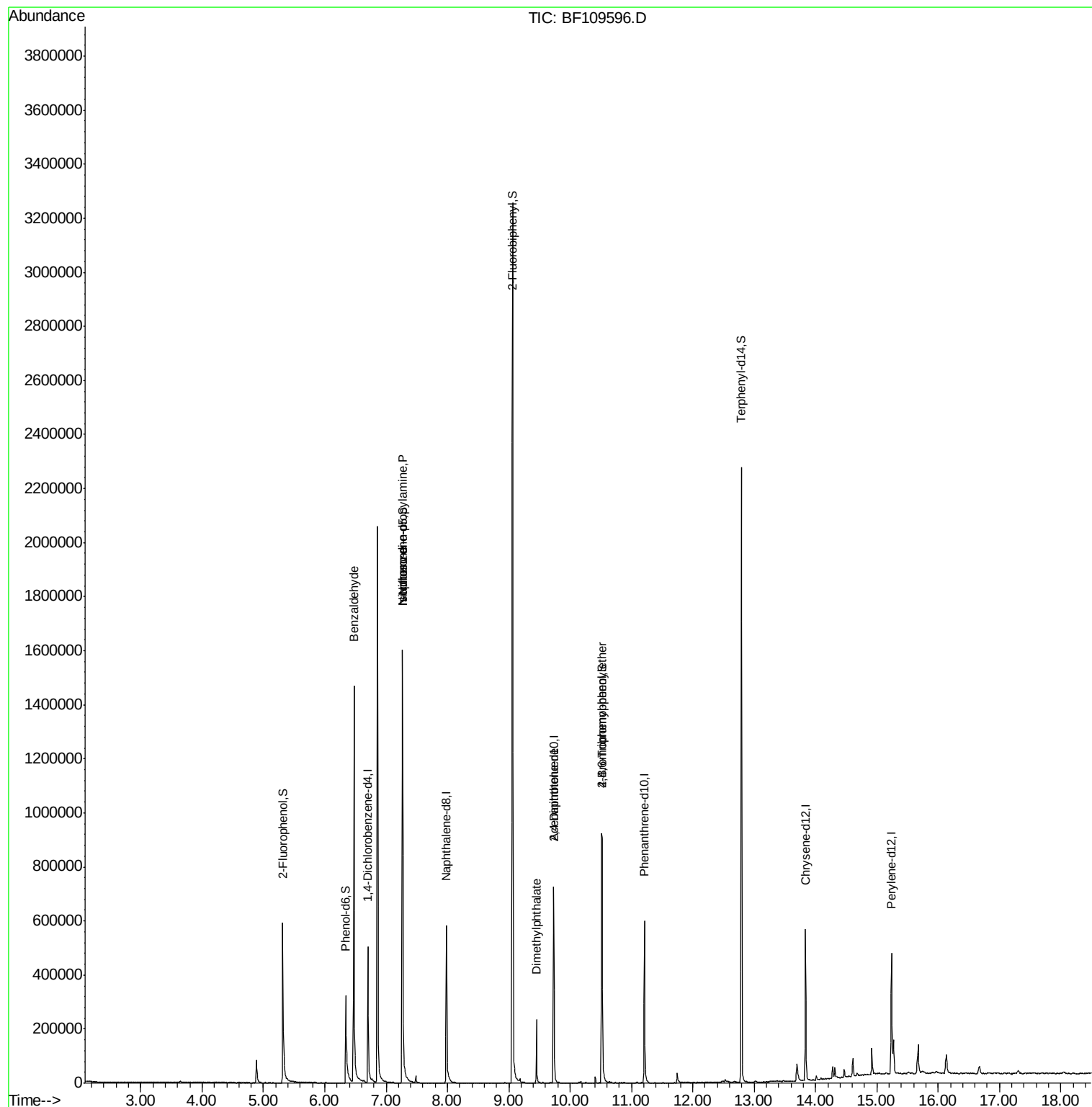
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	89931	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	341534	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	151332	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	242363	20.00	ng	0.00
75) Chrysene-d12	13.84	240	204357	20.00	ng	0.00
86) Perylene-d12	15.24	264	215170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	215740	39.51	ng	0.00
7) Phenol-d6	6.35	99	173849	24.95	ng	-0.01
23) Nitrobenzene-d5	7.27	82	644699	111.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	138254	92.67	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1088523	108.48	ng	-0.01
78) Terphenyl-d14	12.79	244	818985	98.35	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	9890	2.210	ng	# 79
19) n-Nitroso-di-n-propylamine	7.27	70	85594	18.749	ng	# 77
25) Isophorone	7.27	82	636150	61.060	ng	# 64
49) Dimethylphthalate	9.45	163	96337	8.752	ng	# 98
56) 2,4-Dinitrotoluene	9.73	165	19479	7.062	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	7886	2.930	ng	# 1

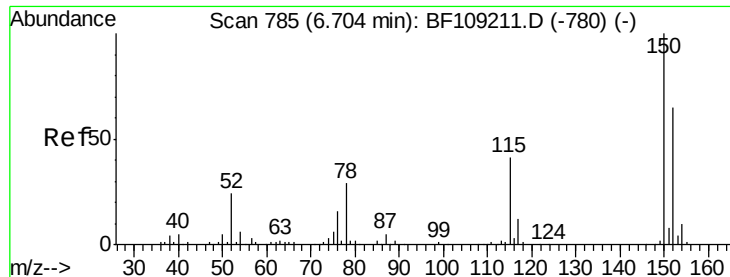
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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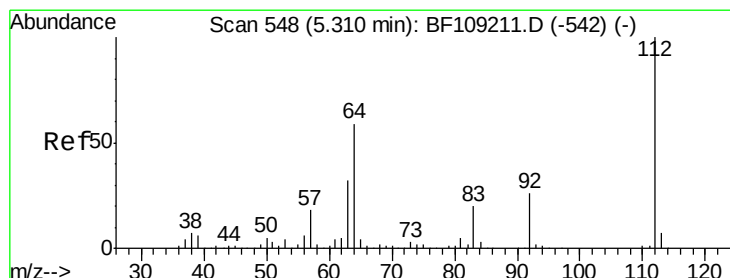
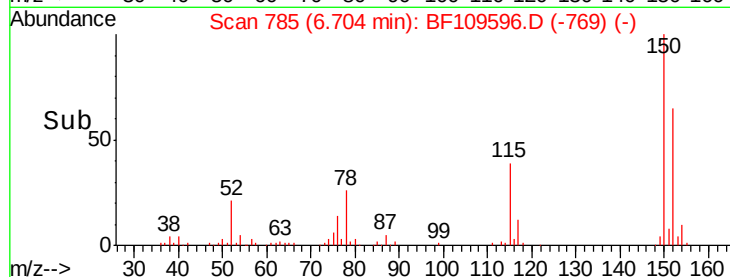
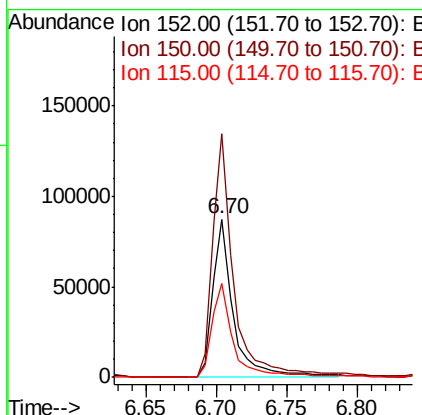
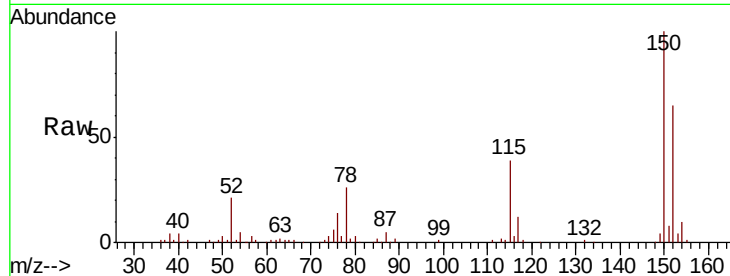




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109596.D
 Acq: 4 Oct 2018 19:25

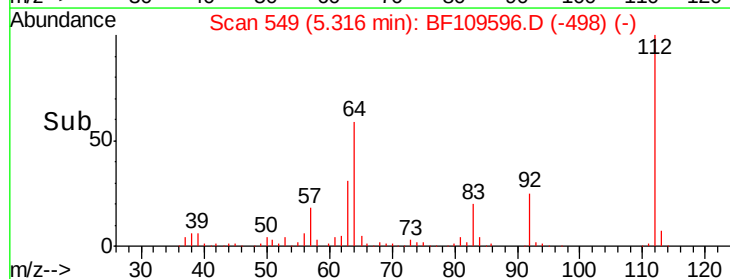
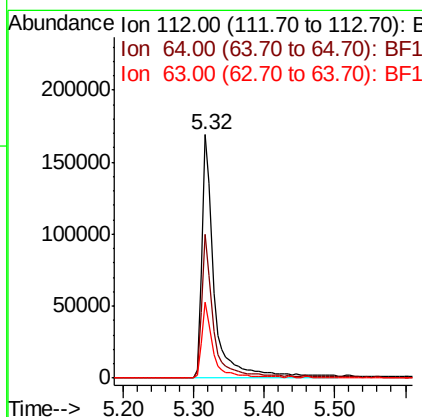
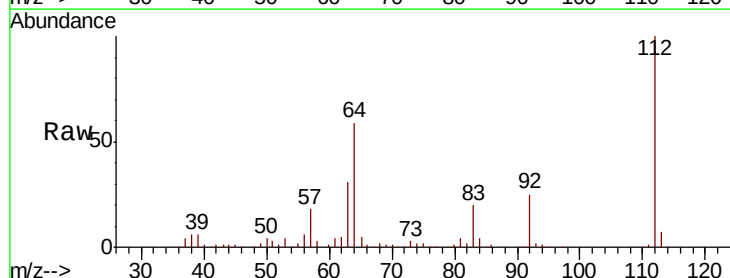
Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-U-M

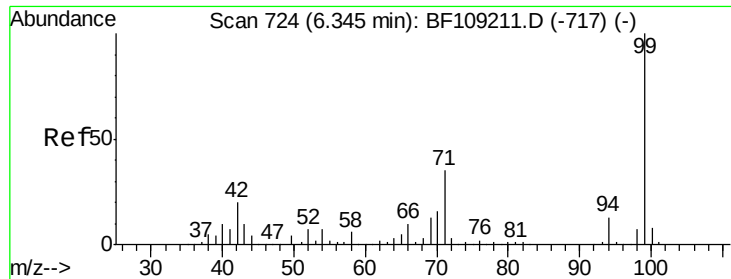
Tgt Ion:152 Resp: 89931
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.6 186.8
 115 59.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 39.513 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109596.D
 Acq: 4 Oct 2018 19:25

Tgt Ion:112 Resp: 215740
 Ion Ratio Lower Upper
 112 100
 64 58.8 47.9 71.9
 63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 24.952 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109596.D

Acq: 4 Oct 2018 19:25

Instrument :

BNA_F

ClientSampleId :

100218-SIDI-E-U-M

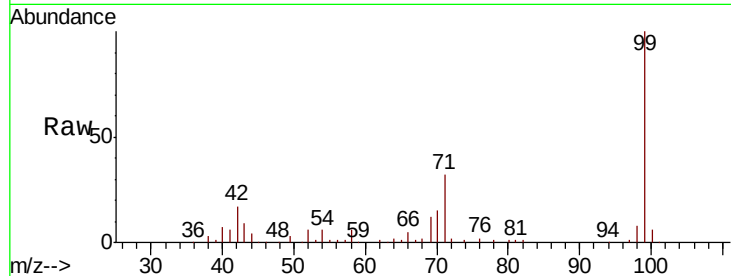
Tgt Ion: 99 Resp: 173849

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

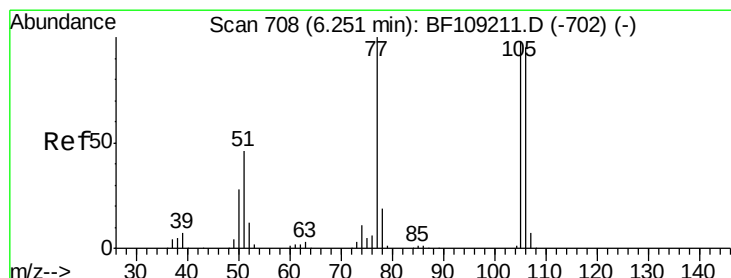
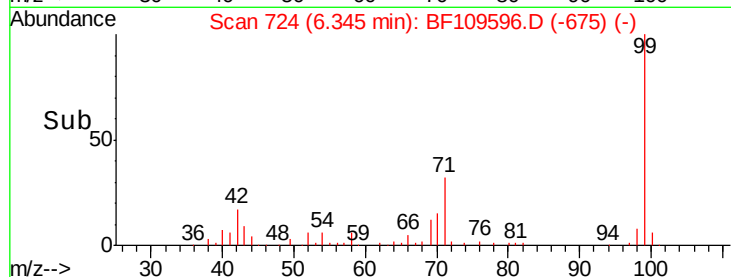
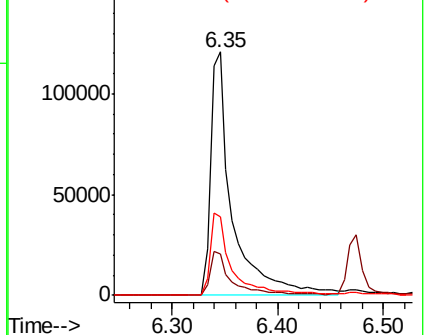
71 32.5 25.4 38.0



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: 2.210 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109596.D

Acq: 4 Oct 2018 19:25

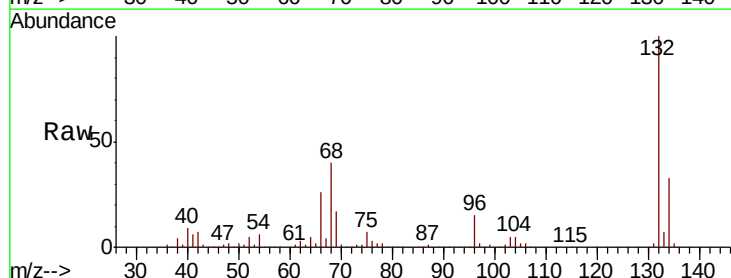
Tgt Ion: 77 Resp: 9890

Ion Ratio Lower Upper

77 100

105 81.7 81.1 121.1

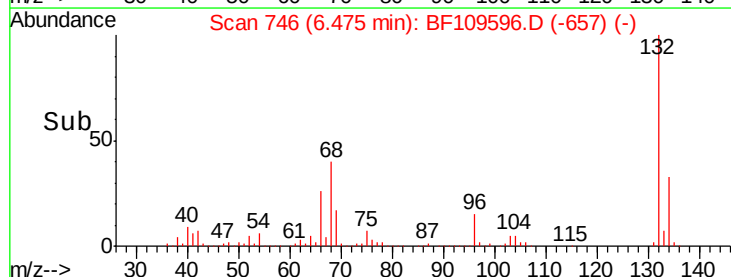
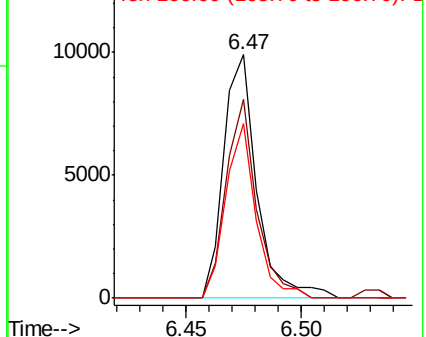
106 71.8 74.5 114.5#

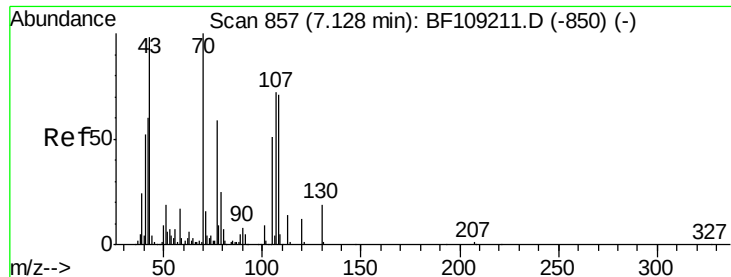


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

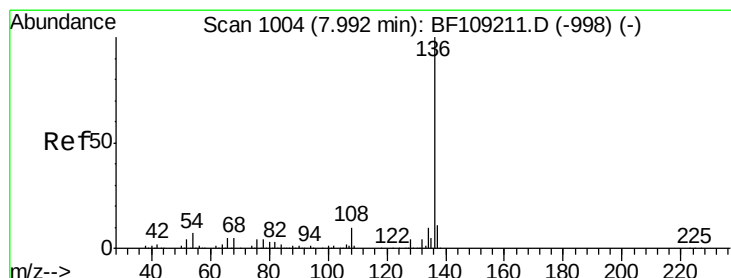
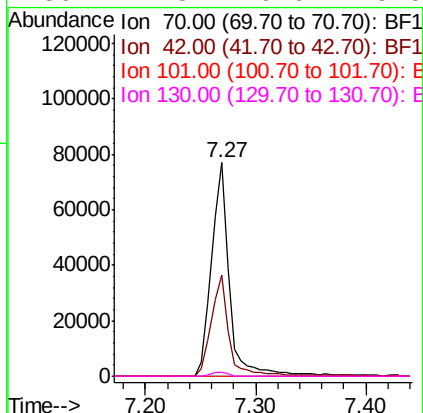
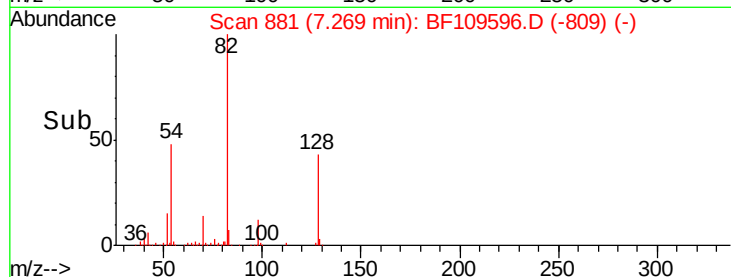
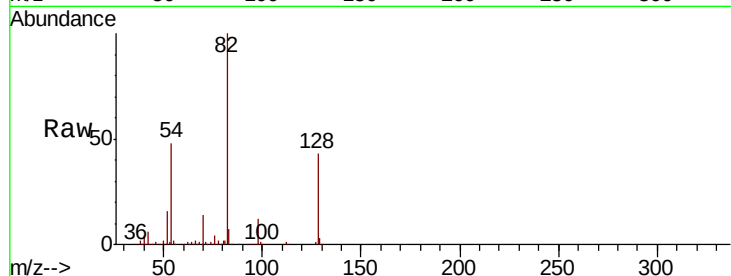




#19
n-Nitroso-di-n-propylamine
Concen: 18.749 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109596.D
Acq: 4 Oct 2018 19:25

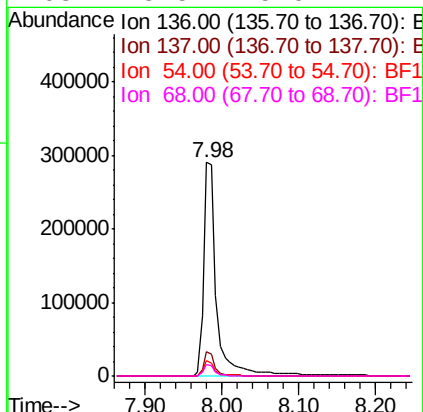
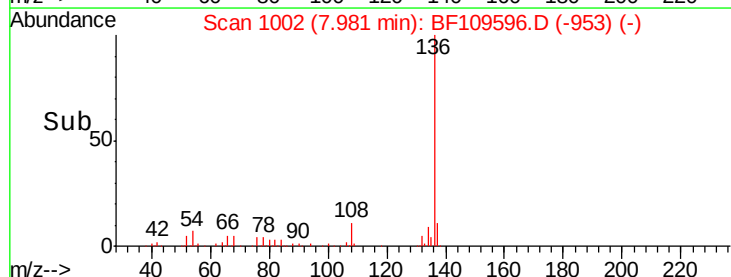
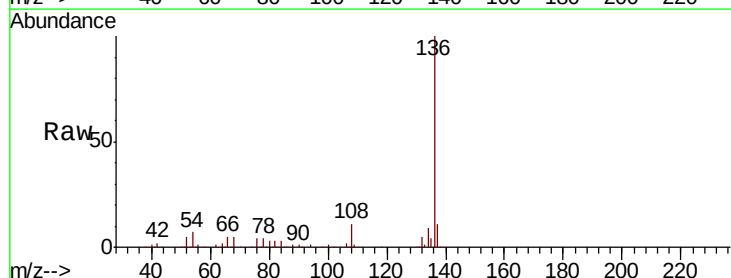
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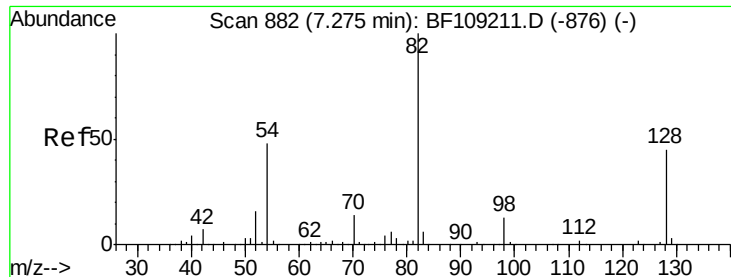
Tgt Ion: 70 Resp: 85594
Ion Ratio Lower Upper
70 100
42 47.2 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109596.D
Acq: 4 Oct 2018 19:25

Tgt Ion: 136 Resp: 341534
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.3 6.6 9.8
68 5.5 5.0 7.4

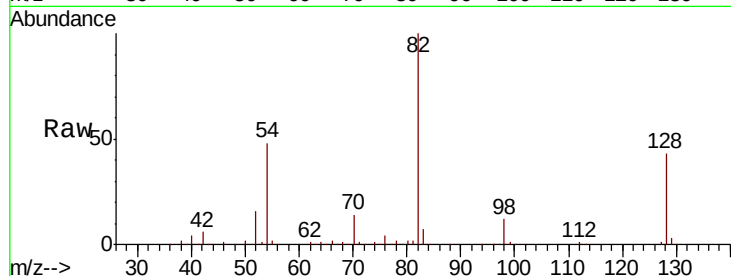




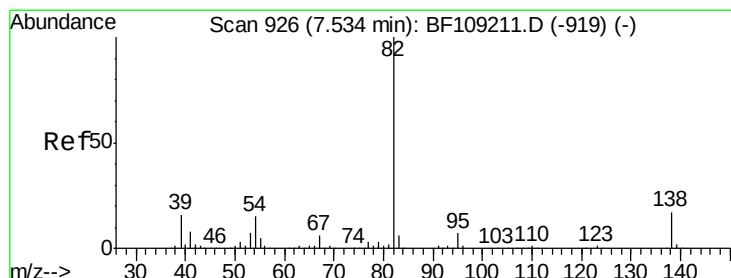
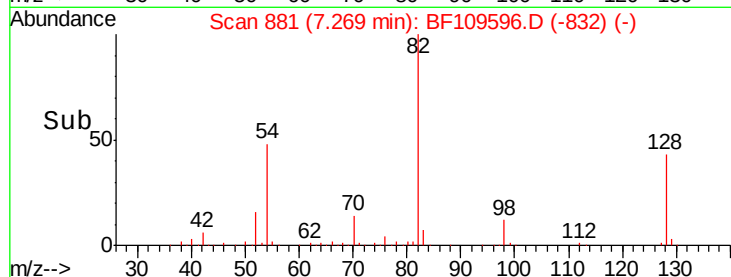
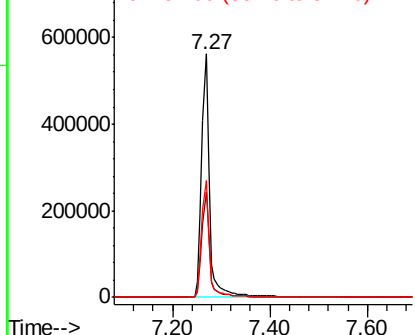
#23
Nitrobenzene-d5
Concen: 111.431 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109596.D
Acq: 4 Oct 2018 19:25

Instrument :
BNA_F
ClientSampleId :
100218-SIDI-E-U-M

Tgt Ion: 82 Resp: 644699
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 48.2 41.4 62.2

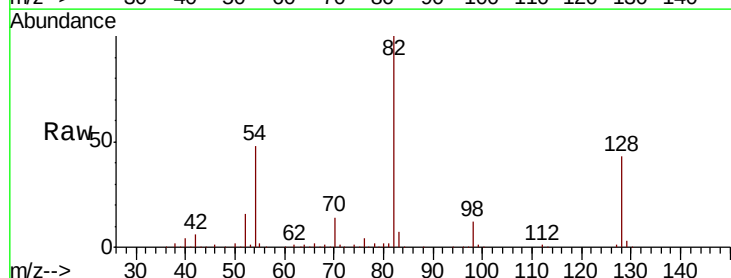


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

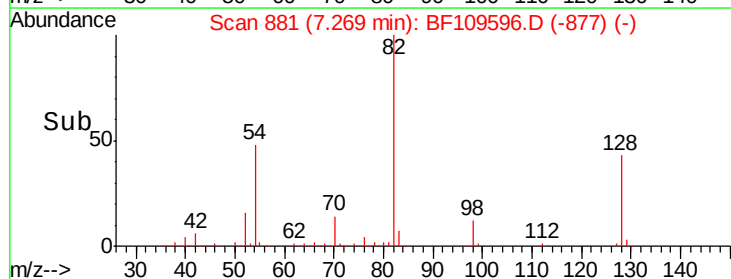
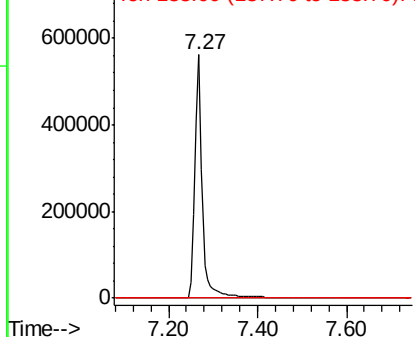


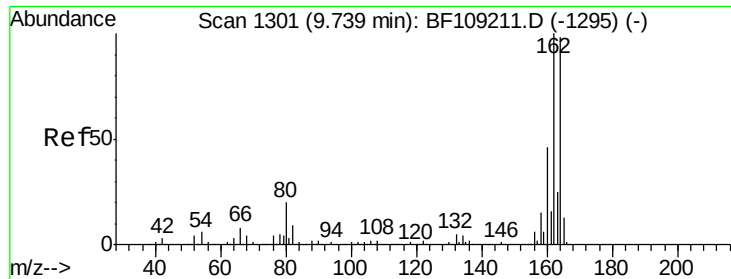
#25
Isophorone
Concen: 61.060 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109596.D
Acq: 4 Oct 2018 19:25

Tgt Ion: 82 Resp: 636150
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

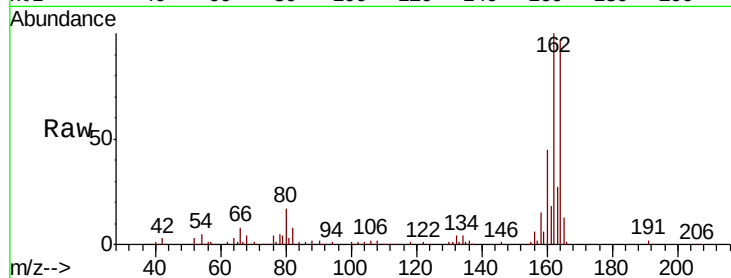




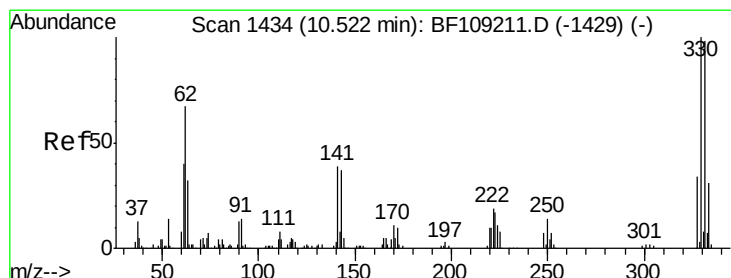
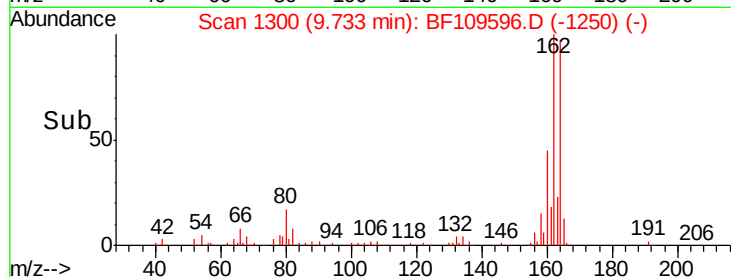
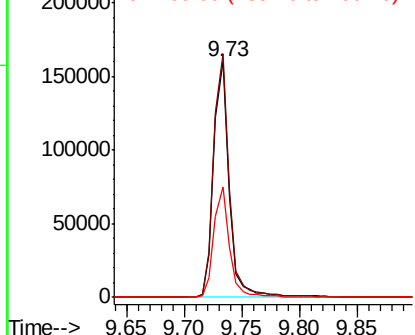
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109596.D
 Acq: 4 Oct 2018 19:25

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-U-M

Tgt Ion:164 Resp: 151332
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 46.7 38.3 57.5

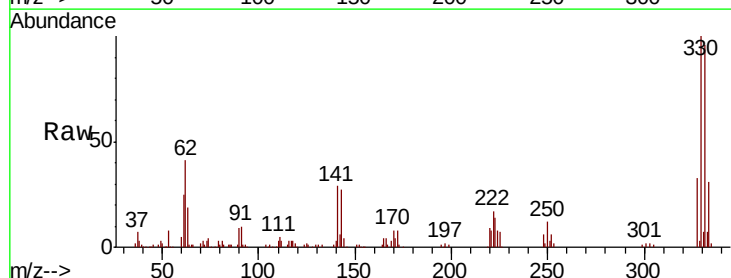


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

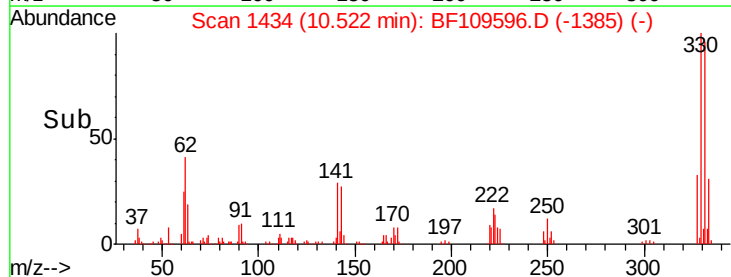
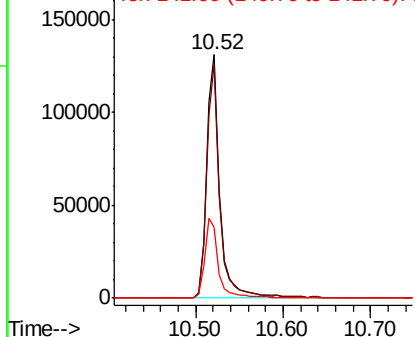


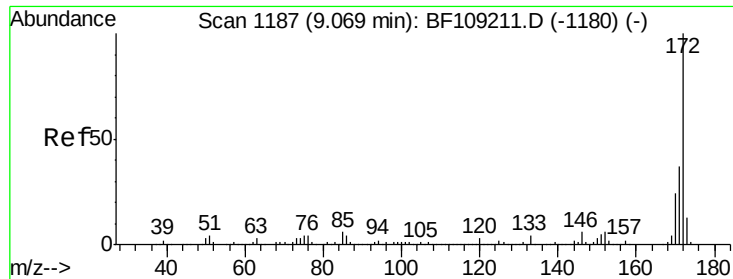
#41
 2,4,6-Tribromophenol
 Concen: 92.675 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109596.D
 Acq: 4 Oct 2018 19:25

Tgt Ion:330 Resp: 138254
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.9 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

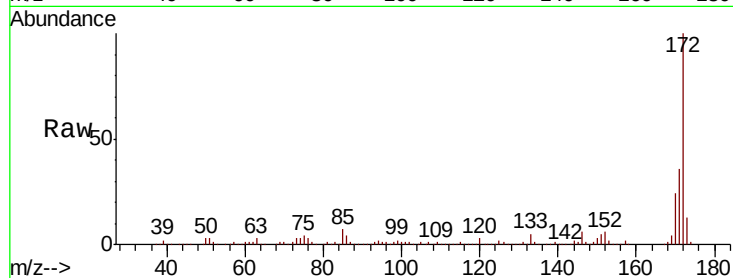




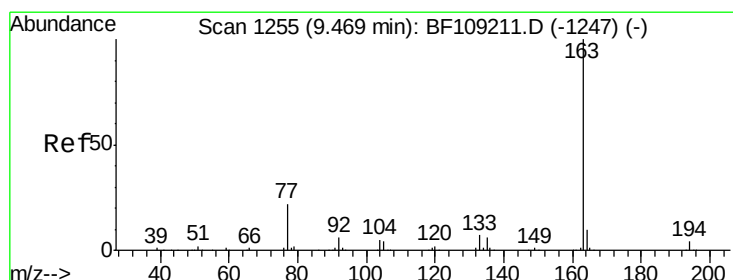
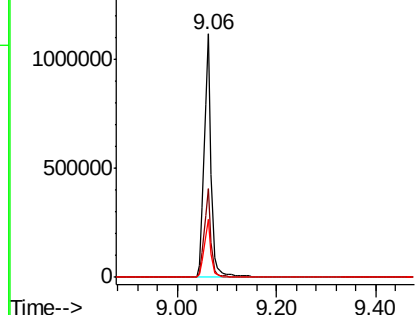
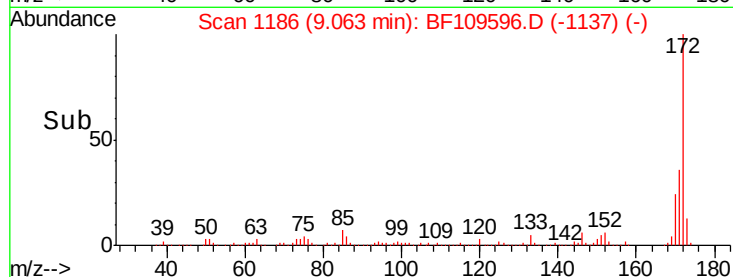
#44
2-Fluorobiphenyl
Concen: 108.483 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109596.D
Acq: 4 Oct 2018 19:25

Instrument :
BNA_F
ClientSampleId :
100218-SIDI-E-U-M

Tgt Ion:172 Resp: 1088523
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.1 19.6 29.4

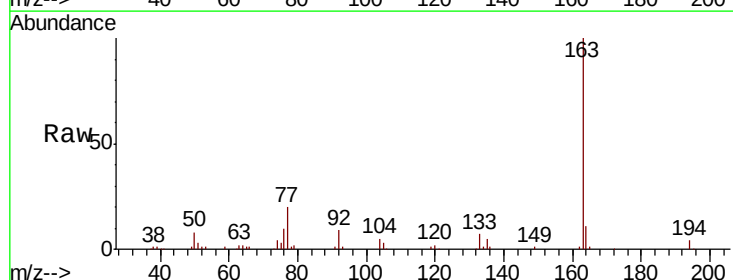


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

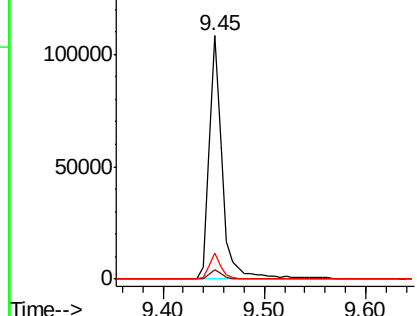
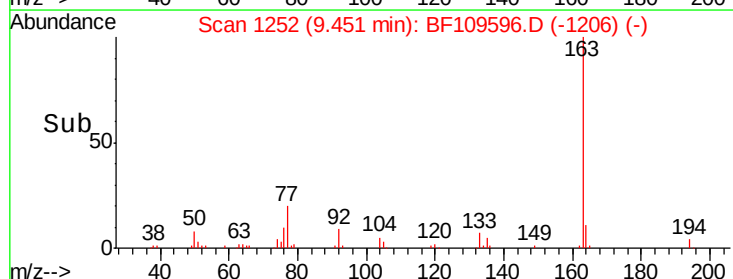


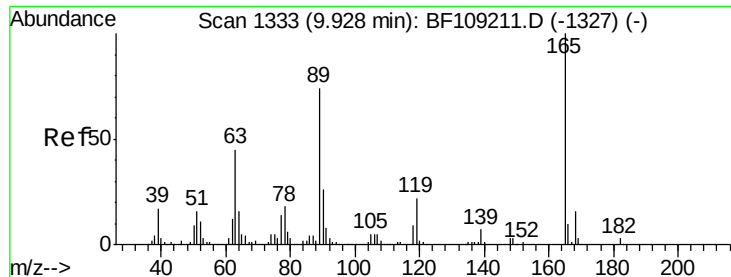
#49
Dimethylphthalate
Concen: 8.752 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109596.D
Acq: 4 Oct 2018 19:25

Tgt Ion:163 Resp: 96337
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

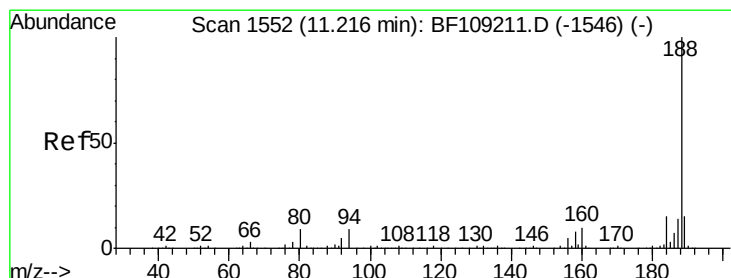
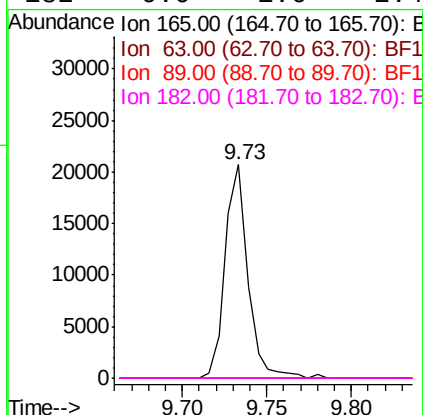
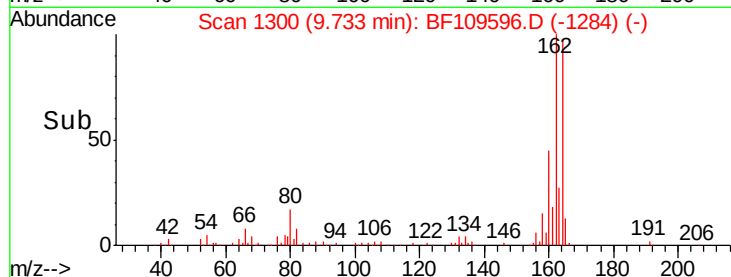
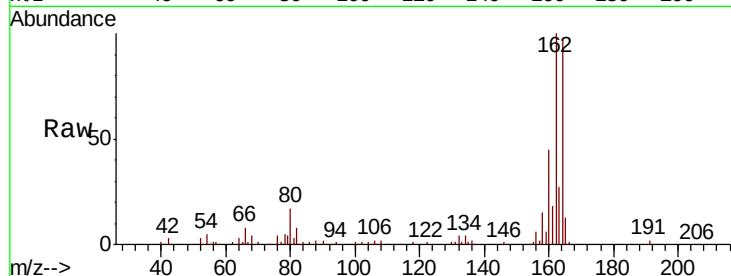




#56
 2,4-Dinitrotoluene
 Concen: 7.062 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109596.D
 Acq: 4 Oct 2018 19:25

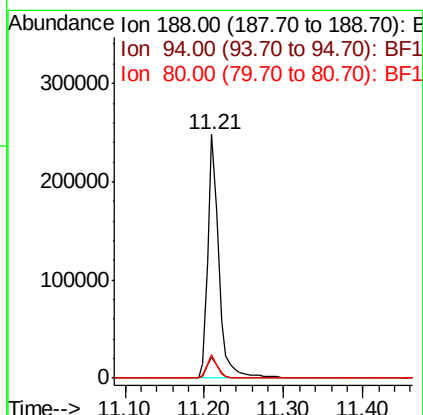
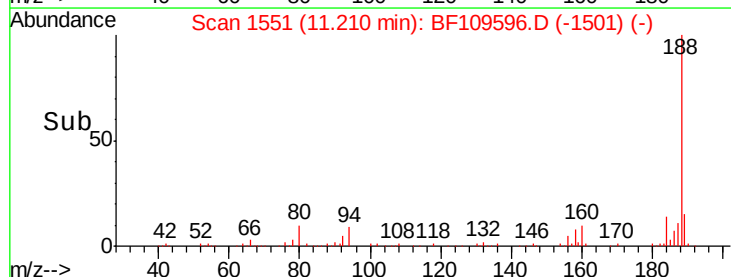
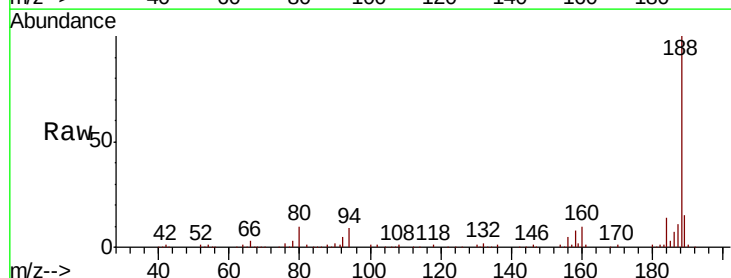
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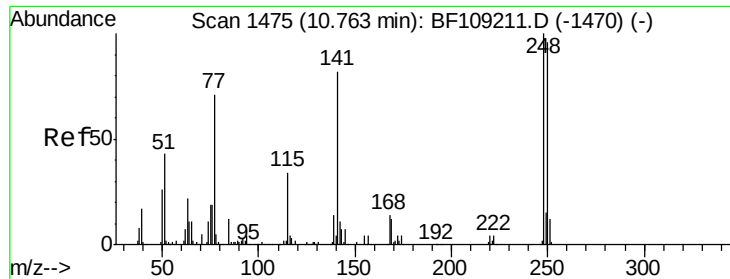
Tgt Ion:	165	Resp:	19479
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109596.D
 Acq: 4 Oct 2018 19:25

Tgt Ion:	188	Resp:	242363
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.8	9.2	13.8

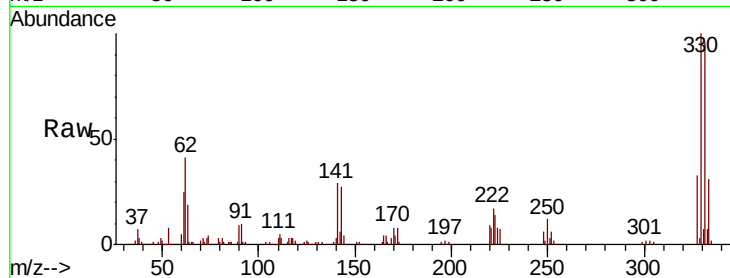




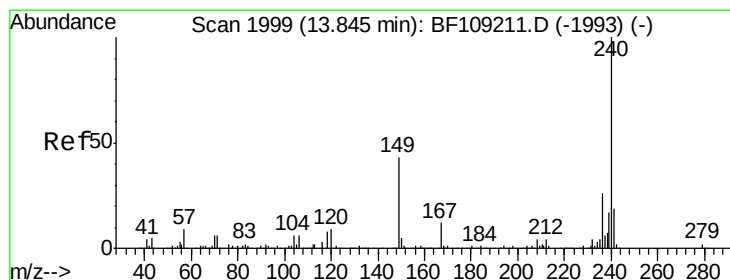
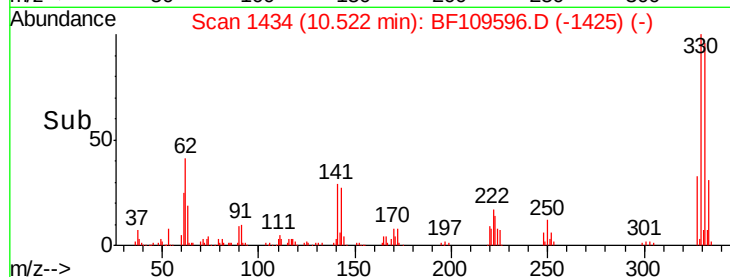
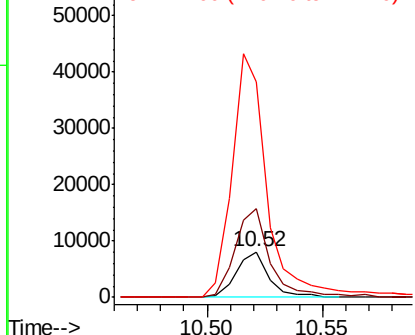
#66
 4-Bromophenyl-phenylether
 Concen: 2.930 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109596.D
 Acq: 4 Oct 2018 19:25

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-U-M

Tgt Ion:248 Resp: 7886
 Ion Ratio Lower Upper
 248 100
 250 195.9 76.9 115.3#
 141 476.5 74.4 111.6#

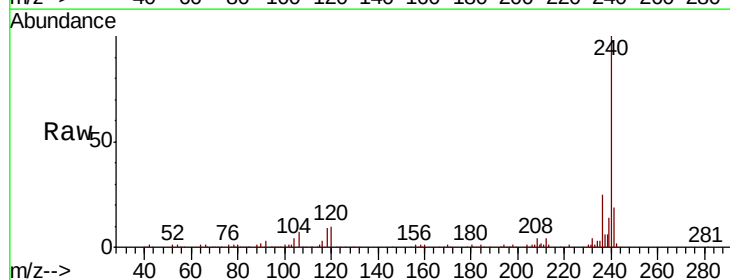


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

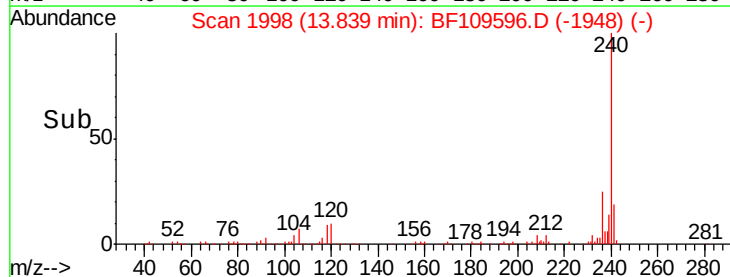
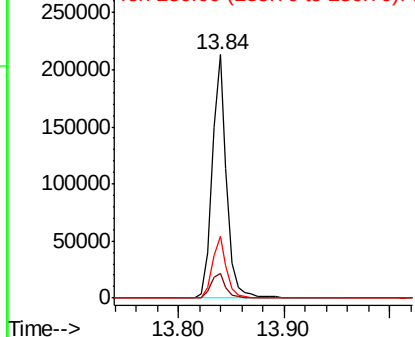


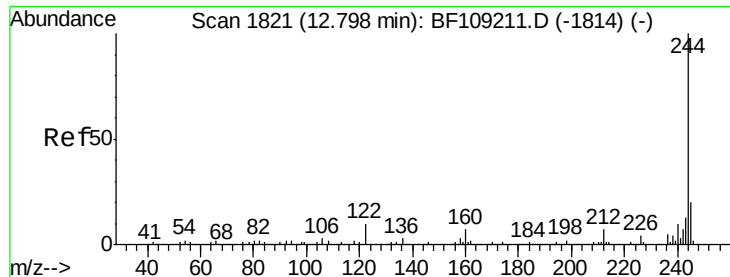
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109596.D
 Acq: 4 Oct 2018 19:25

Tgt Ion:240 Resp: 204357
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.5 14.3
 236 25.2 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

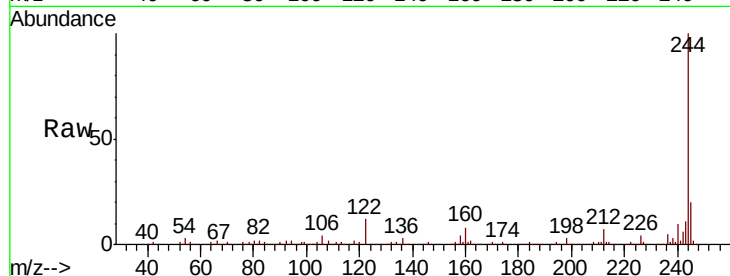




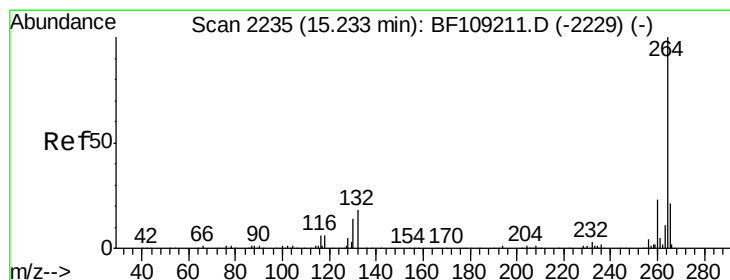
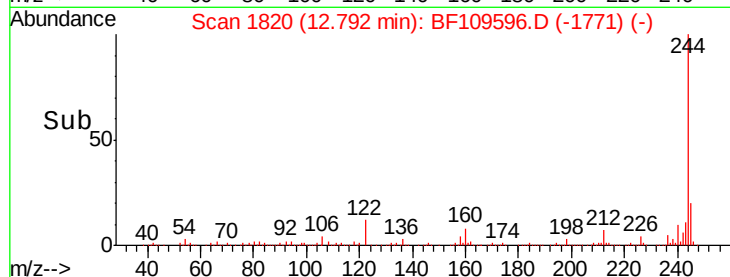
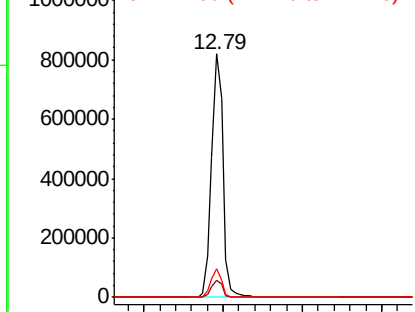
#78
 Terphenyl-d14
 Concen: 98.354 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109596.D
 Acq: 4 Oct 2018 19:25

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-U-M

Tgt Ion: 244 Resp: 818985
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.9 11.0 16.4

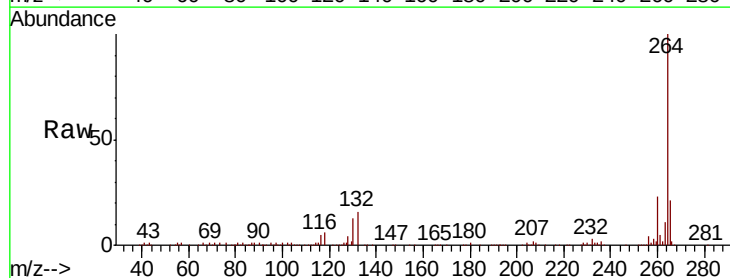


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109596.D
 Acq: 4 Oct 2018 19:25

Tgt Ion: 264 Resp: 215170
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.6 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

