

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109637.D
 Acq On : 6 Oct 2018 4:33
 Operator : JU/SJ
 Sample : J5264-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-U-M

Quant Time: Oct 06 06:00:15 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

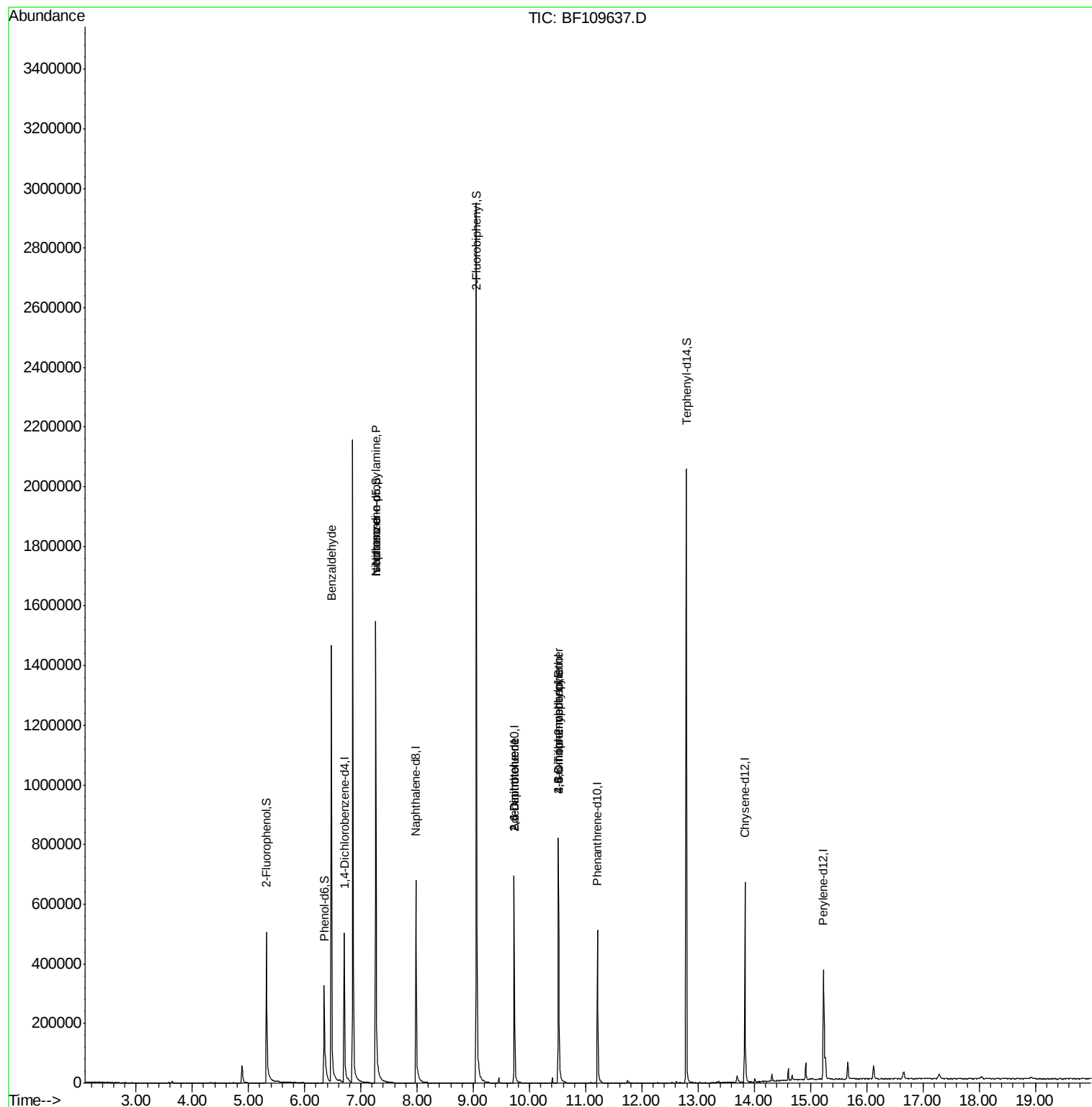
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101898	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	377040	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	148707	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	244441	20.00	ng	0.00
75) Chrysene-d12	13.83	240	246229	20.00	ng	-0.01
86) Perylene-d12	15.23	264	190574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	211330	34.16	ng	0.00
7) Phenol-d6	6.35	99	164993	20.90	ng	-0.01
23) Nitrobenzene-d5	7.27	82	643004	100.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	121595	82.95	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1059024	107.41	ng	-0.02
78) Terphenyl-d14	12.79	244	805957	80.33	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	10184	2.008	ng	# 75
19) n-Nitroso-di-n-propylamine	7.27	70	85499	16.529	ng	# 78
25) Isophorone	7.27	82	629616	54.742	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	18697	8.728	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	18697	6.898	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	116	6.622	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	7177	2.644	ng	# 1

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

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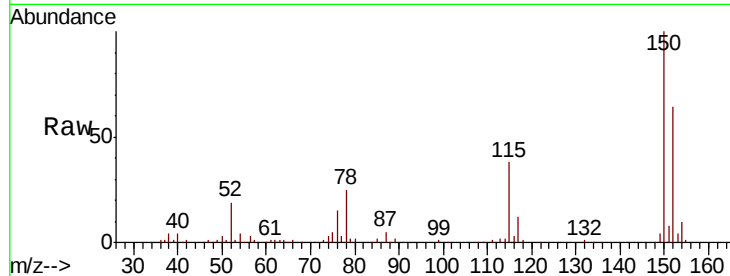




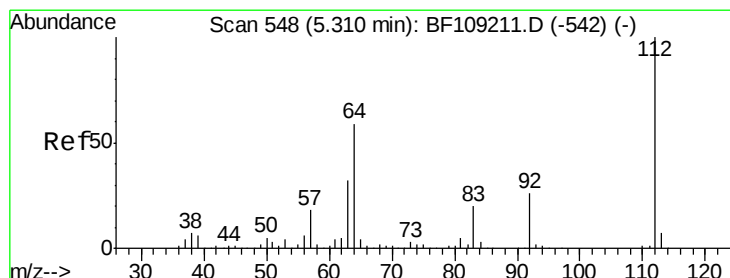
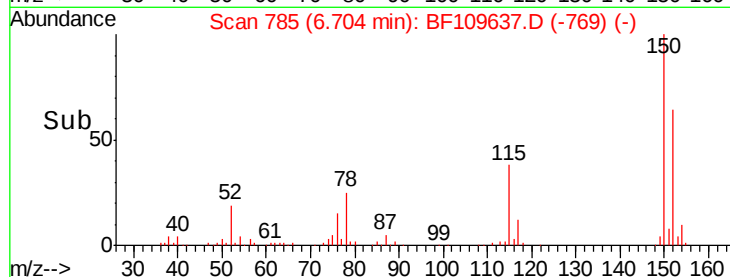
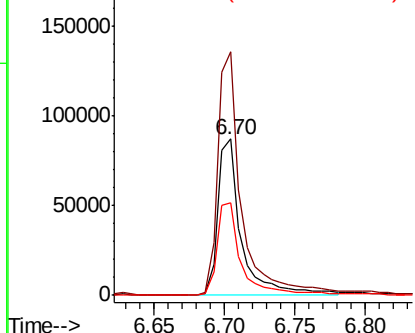
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109637.D
 Acq: 6 Oct 2018 4:33

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-U-M

Tgt Ion:152 Resp: 101898
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 59.1 50.1 75.1

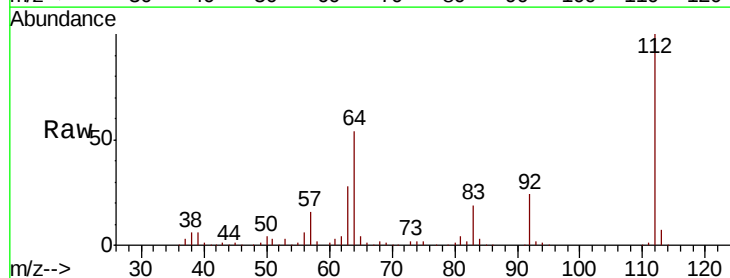


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

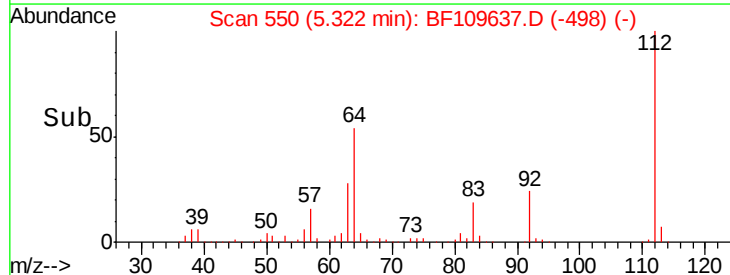
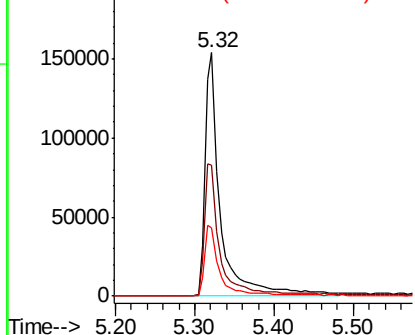


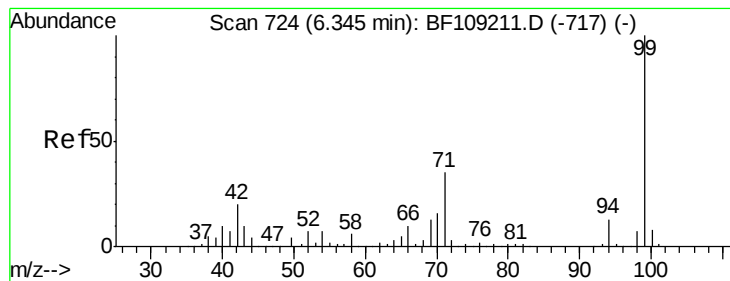
#5
 2-Fluorophenol
 Concen: 34.159 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109637.D
 Acq: 6 Oct 2018 4:33

Tgt Ion:112 Resp: 211330
 Ion Ratio Lower Upper
 112 100
 64 53.6 47.9 71.9
 63 28.2 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: 20.900 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109637.D

Acq: 6 Oct 2018 4:33

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-U-M

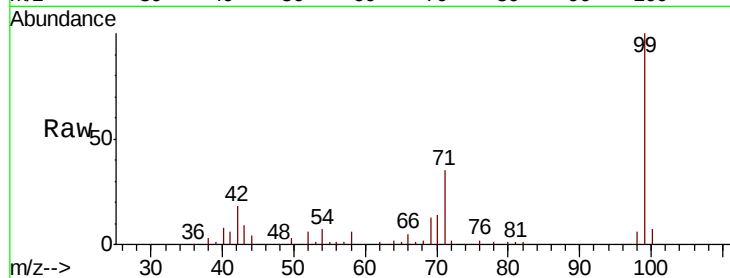
Tgt Ion: 99 Resp: 164993

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

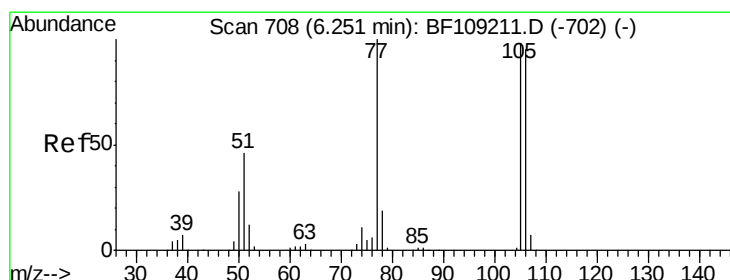
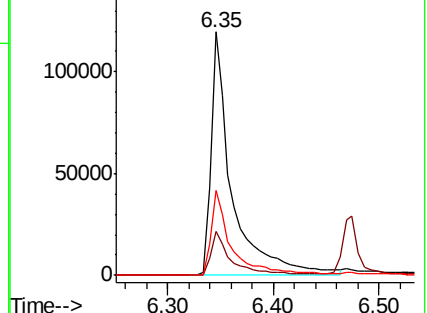
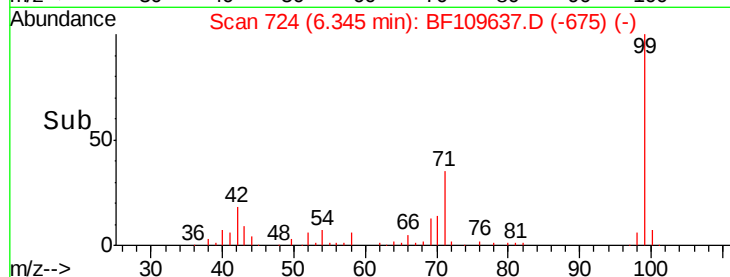
71 35.0 25.4 38.0



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: 2.008 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109637.D

Acq: 6 Oct 2018 4:33

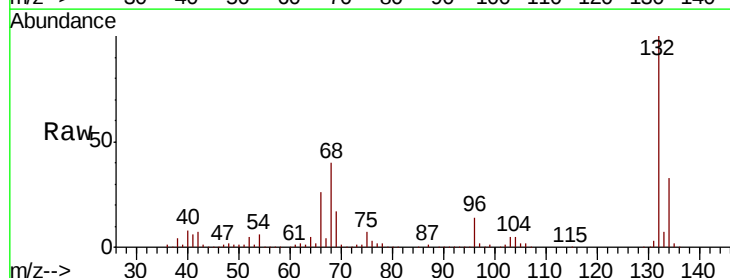
Tgt Ion: 77 Resp: 10184

Ion Ratio Lower Upper

77 100

105 81.4 81.1 121.1

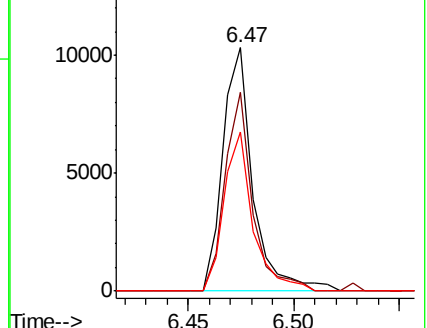
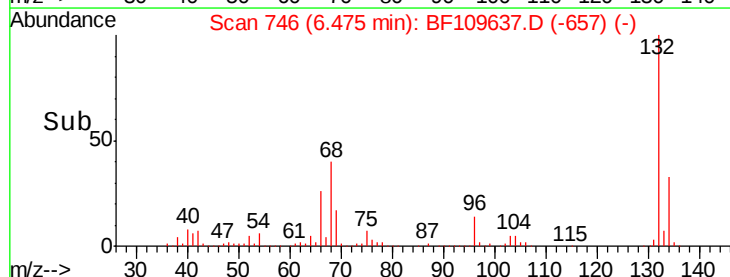
106 65.3 74.5 114.5#



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

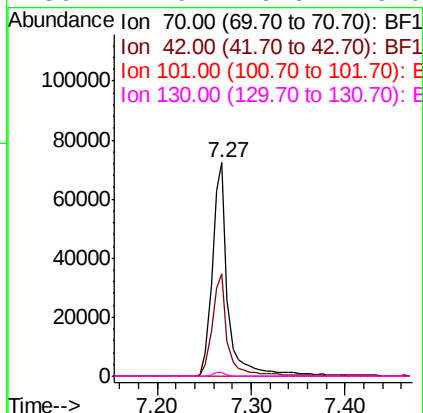
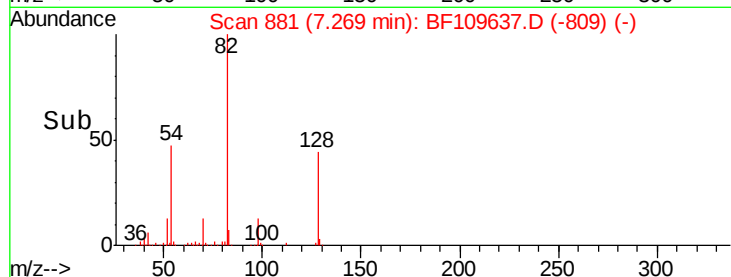
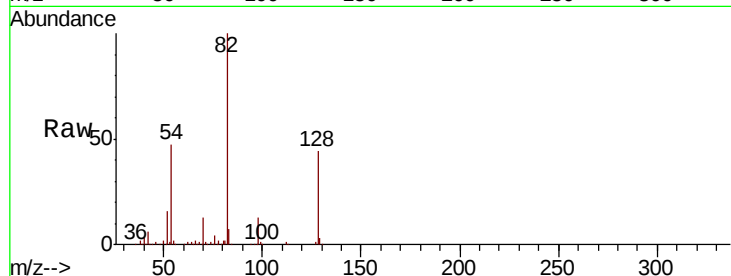




#19
n-Nitroso-di-n-propylamine
Concen: 16.529 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109637.D
Acq: 6 Oct 2018 4:33

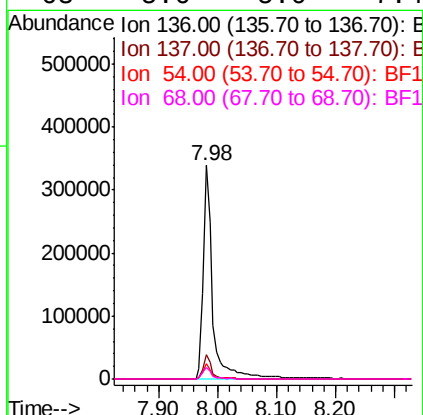
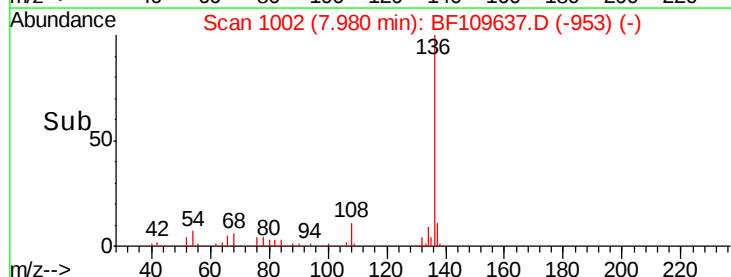
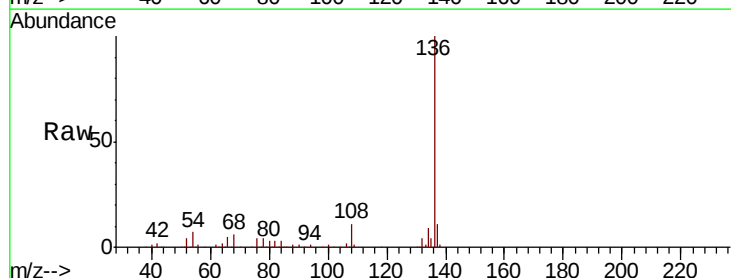
Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-U-M

Tgt Ion: 70 Resp: 85499
Ion Ratio Lower Upper
70 100
42 47.8 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: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109637.D
Acq: 6 Oct 2018 4:33

Tgt Ion: 136 Resp: 377040
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.2 6.6 9.8
68 5.6 5.0 7.4

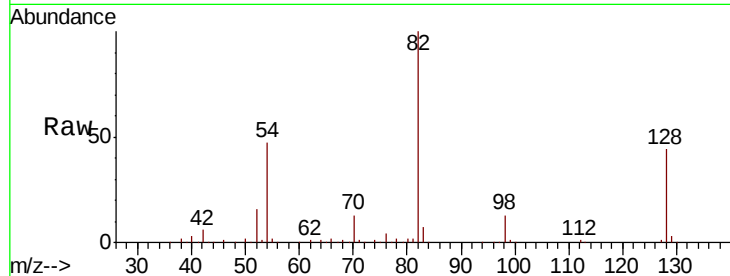




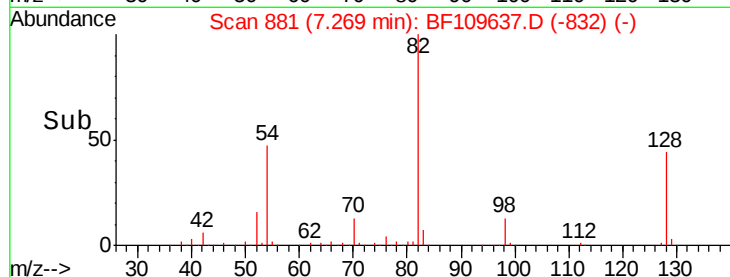
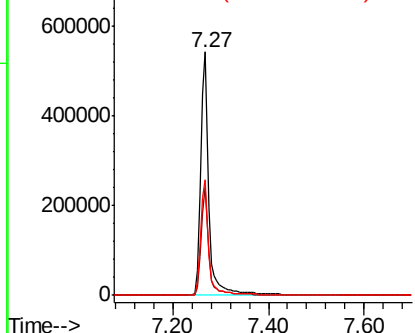
#23
 Nitrobenzene-d5
 Concen: 100.672 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109637.D
 Acq: 6 Oct 2018 4:33

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-U-M

Tgt Ion: 82 Resp: 643004
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.1 54.1
 54 47.3 41.4 62.2

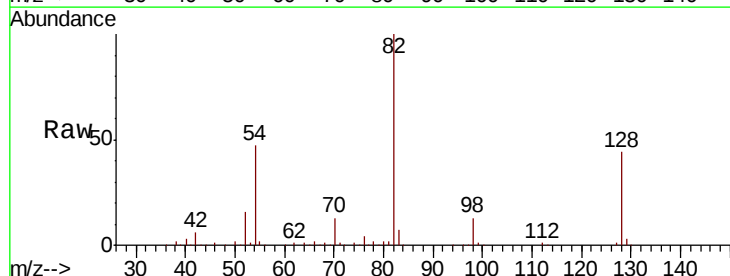


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

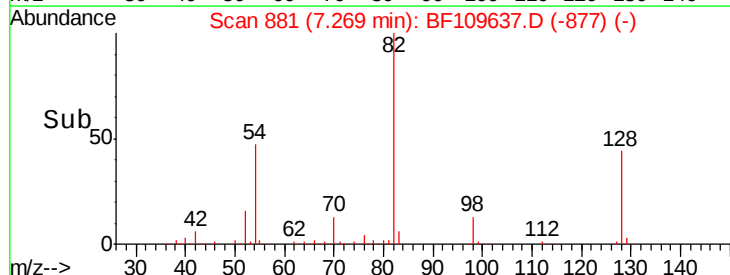
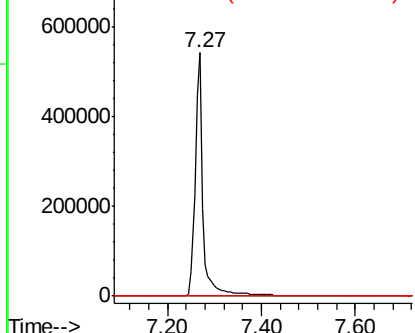


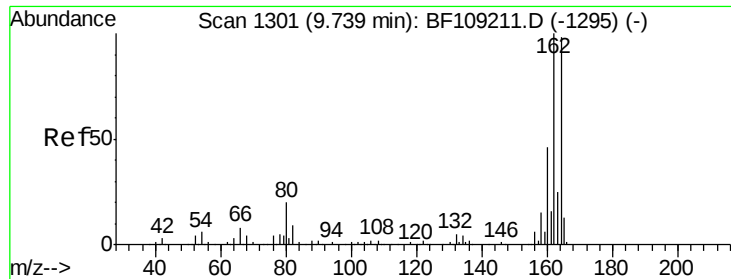
#25
 Isophorone
 Concen: 54.742 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109637.D
 Acq: 6 Oct 2018 4:33

Tgt Ion: 82 Resp: 629616
 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

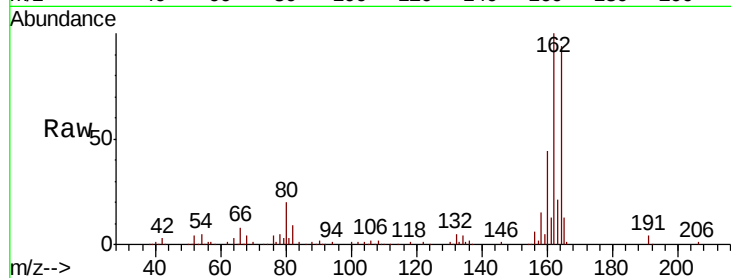




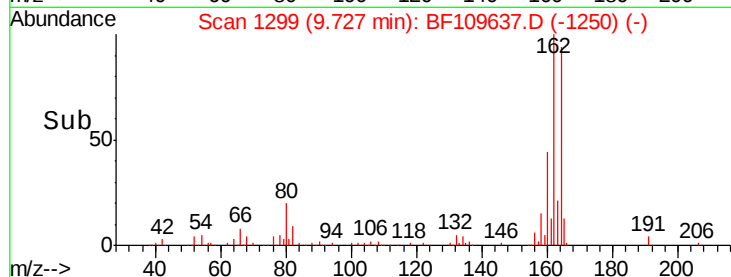
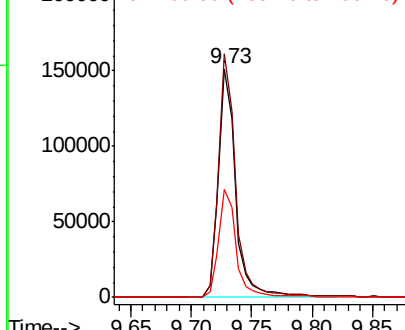
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109637.D
 Acq: 6 Oct 2018 4:33

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-U-M

Tgt Ion:164 Resp: 148707
 Ion Ratio Lower Upper
 164 100
 162 106.6 86.1 129.1
 160 47.2 38.3 57.5

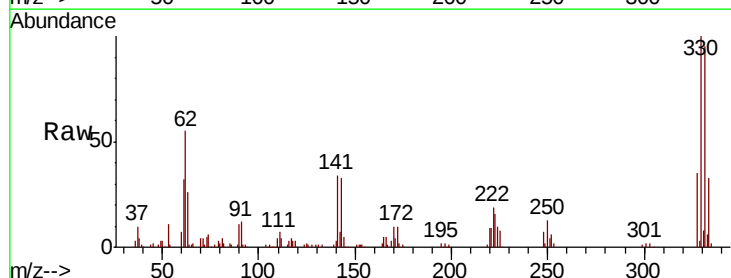


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

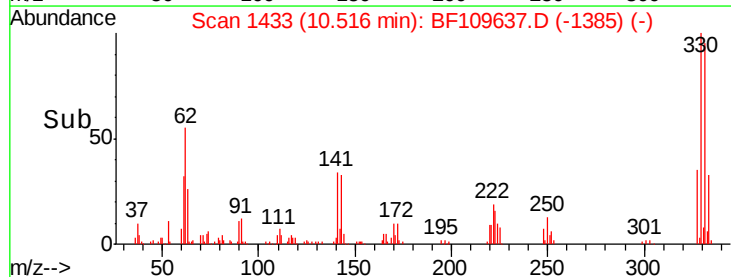
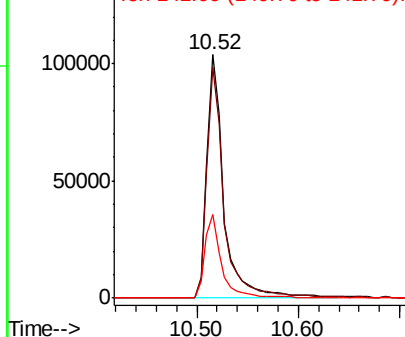


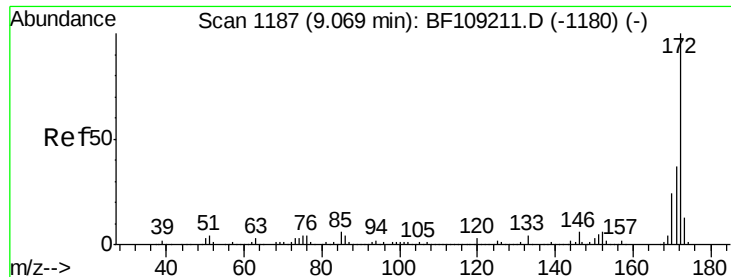
#41
 2,4,6-Tribromophenol
 Concen: 82.947 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109637.D
 Acq: 6 Oct 2018 4:33

Tgt Ion:330 Resp: 121595
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 34.2 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

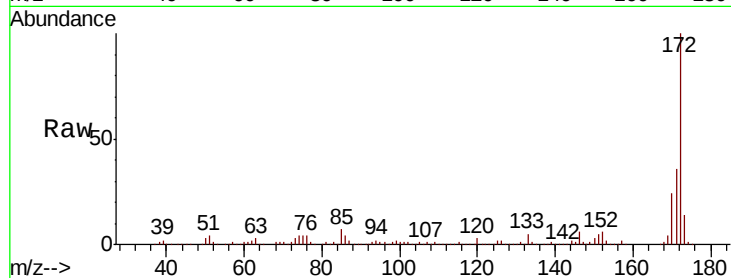




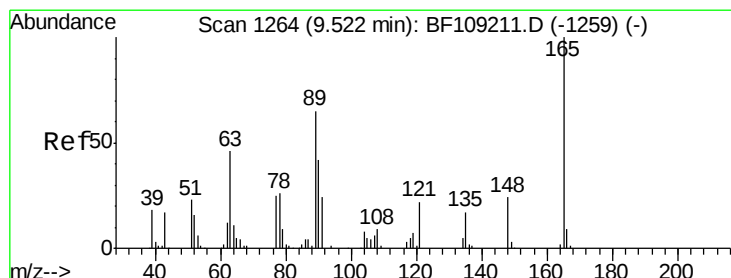
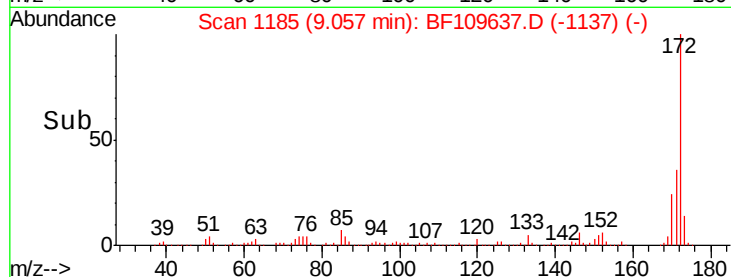
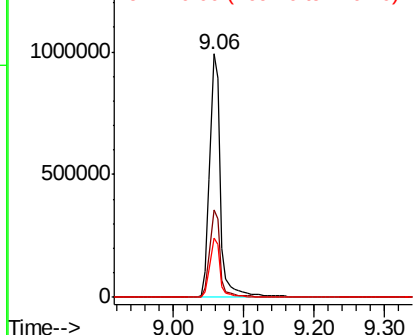
#44
 2-Fluorobiphenyl
 Concen: 107.407 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109637.D
 Acq: 6 Oct 2018 4:33

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-U-M

Tgt Ion:172 Resp: 1059024
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.1 19.6 29.4

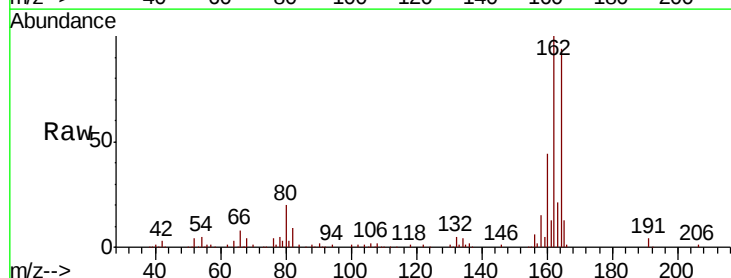


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

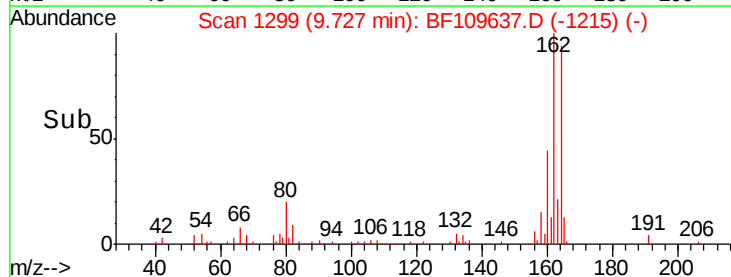
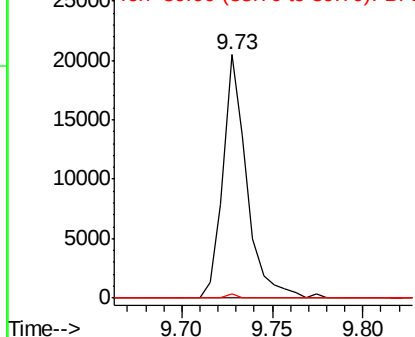


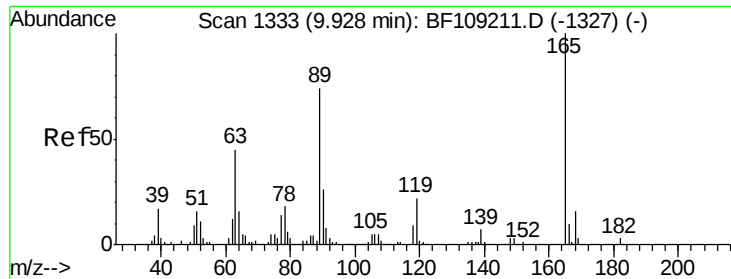
#50
 2,6-Dinitrotoluene
 Concen: 8.728 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF109637.D
 Acq: 6 Oct 2018 4:33

Tgt Ion:165 Resp: 18697
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.8 44.0 66.0#



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





#56

2,4-Dinitrotoluene

Concen: 6.898 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.21 min

Lab File: BF109637.D

Acq: 6 Oct 2018 4:33

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-U-M

Tgt Ion:165 Resp: 18697

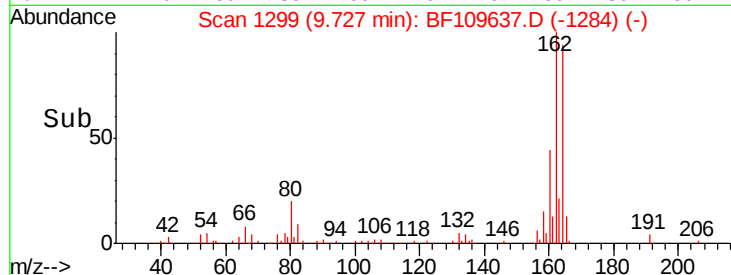
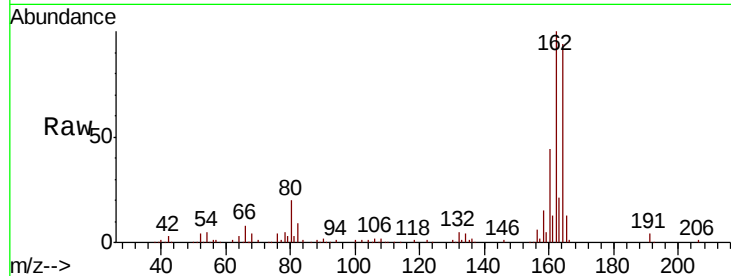
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

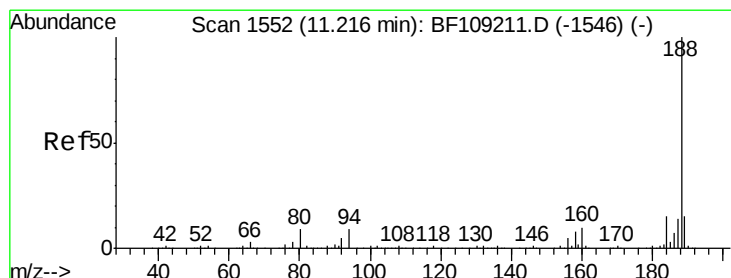
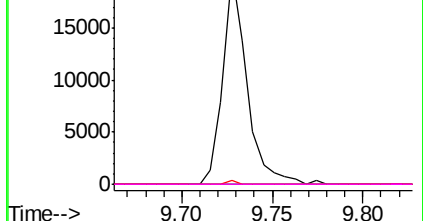


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF109637.D

Acq: 6 Oct 2018 4:33

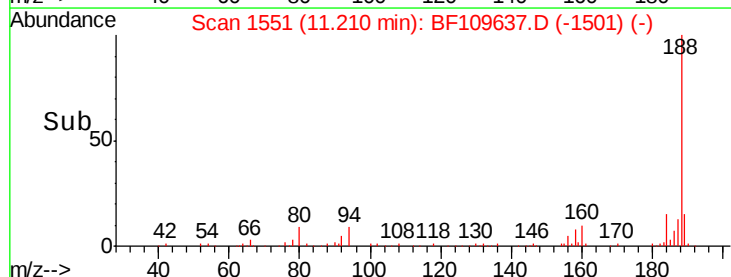
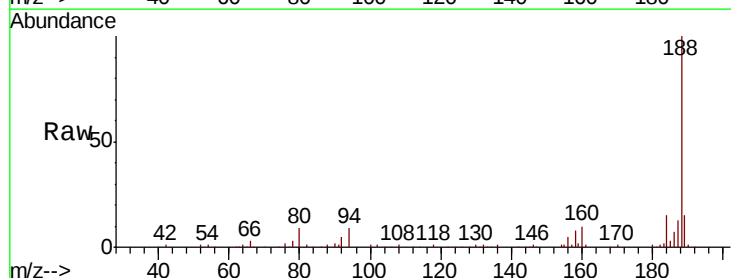
Tgt Ion:188 Resp: 244441

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

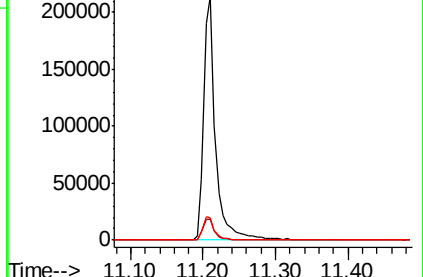
80 8.9 9.2 13.8#

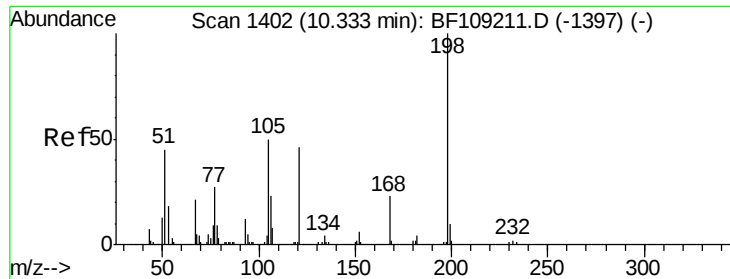


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

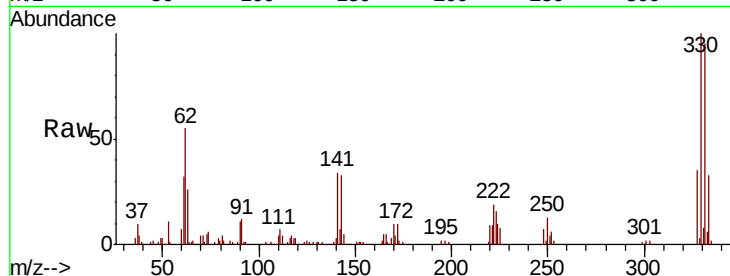




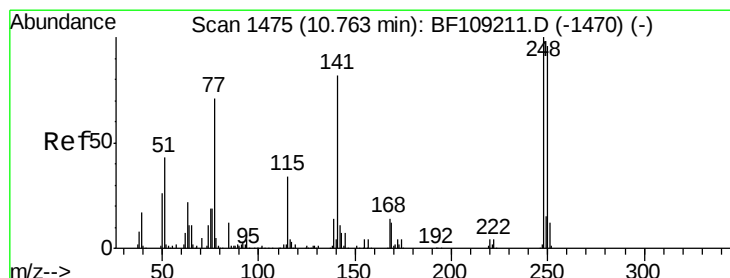
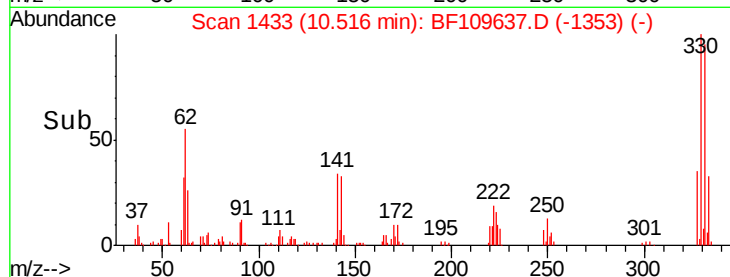
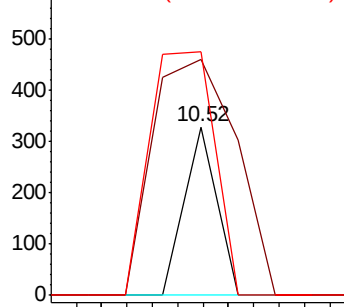
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.622 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109637.D
 Acq: 6 Oct 2018 4:33

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-U-M

Tgt Ion:198 Resp: 116
 Ion Ratio Lower Upper
 198 100
 51 139.8 37.7 77.7#
 105 144.4 36.3 76.3#

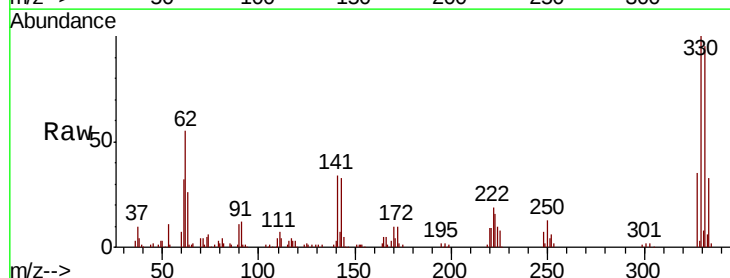


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

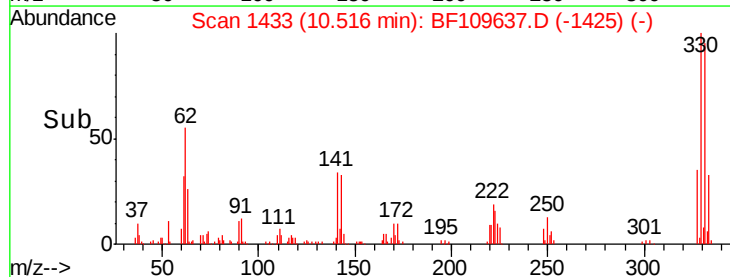
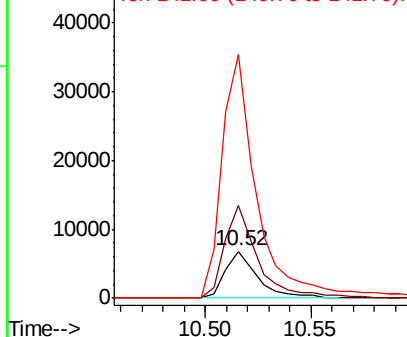


#66
 4-Bromophenyl-phenylether
 Concen: 2.644 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF109637.D
 Acq: 6 Oct 2018 4:33

Tgt Ion:248 Resp: 7177
 Ion Ratio Lower Upper
 248 100
 250 197.0 76.9 115.3#
 141 521.0 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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109637.D

Acq: 6 Oct 2018 4:33

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-U-M

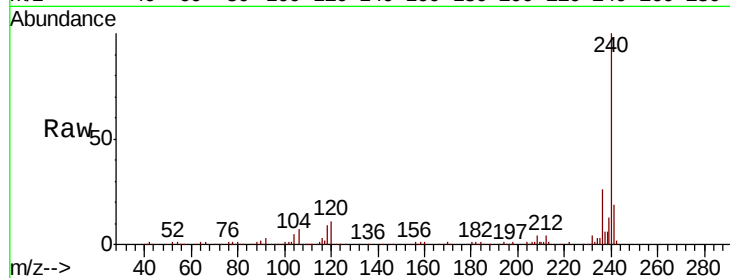
Tgt Ion:240 Resp: 246229

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

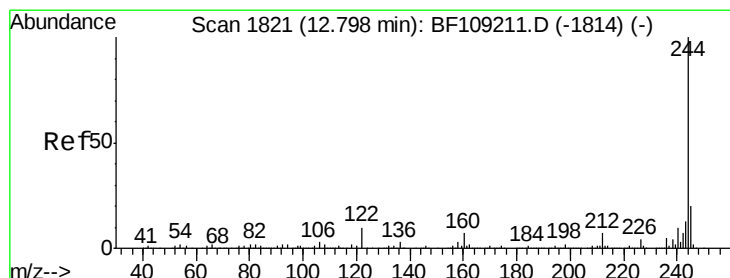
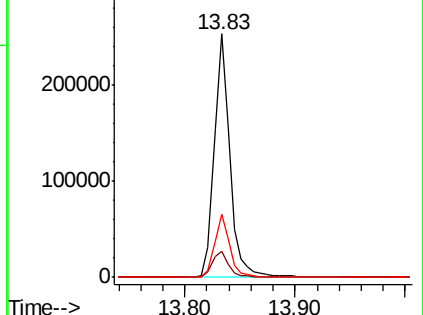
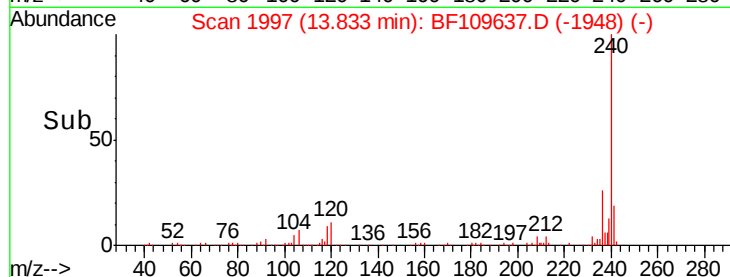
236 26.1 20.7 31.1



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: 80.330 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109637.D

Acq: 6 Oct 2018 4:33

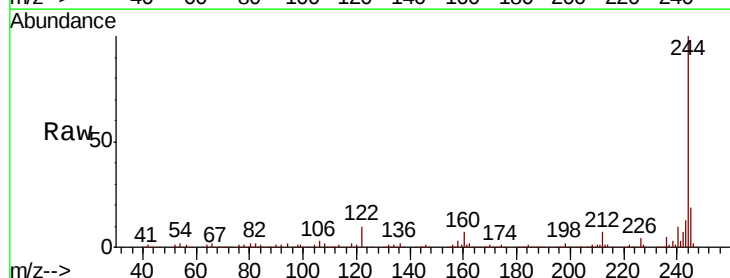
Tgt Ion:244 Resp: 805957

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

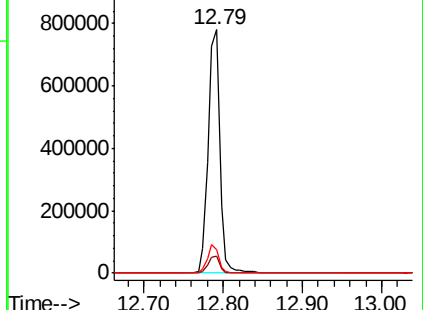
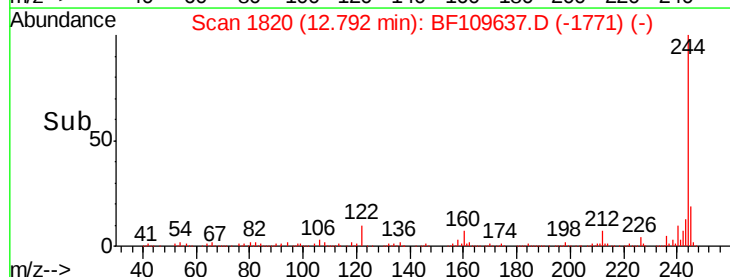
122 9.6 11.0 16.4#

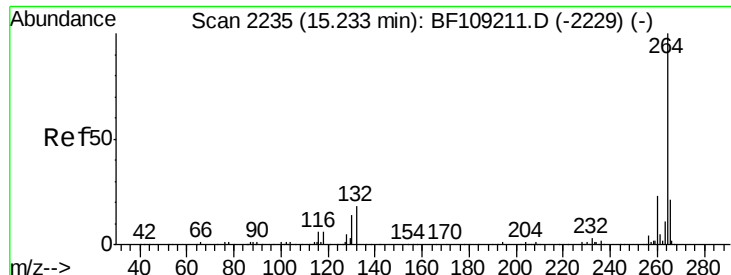


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

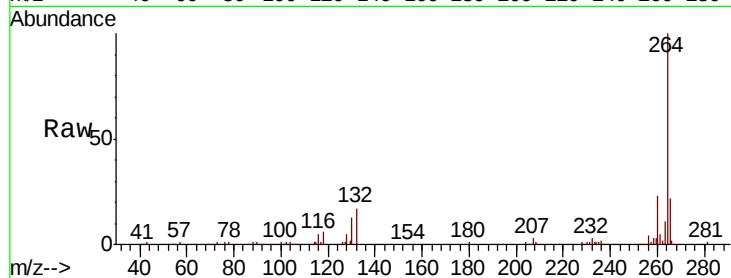




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109637.D
Acq: 6 Oct 2018 4:33

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-U-M

Tgt Ion:	264	Resp:	190574
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.2	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

