

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
 Data File : BF109597.D
 Acq On : 4 Oct 2018 19:51
 Operator : JU/SJ
 Sample : J5241-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 05 01:31:17 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

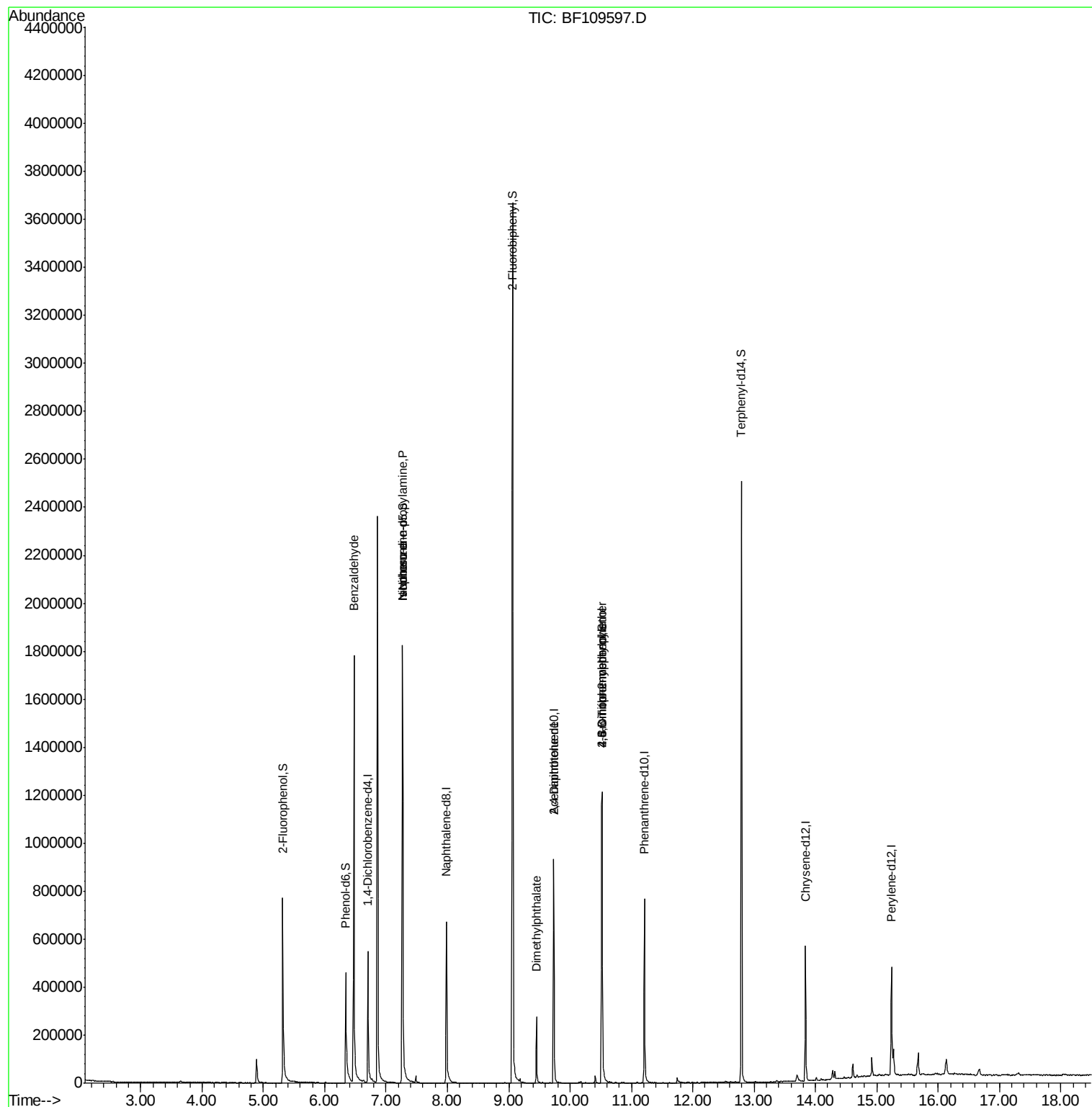
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102419	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	398382	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	183525	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	303633	20.00	ng	0.00
75) Chrysene-d12	13.84	240	217451	20.00	ng	0.00
86) Perylene-d12	15.24	264	216462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	270665	43.53	ng	0.00
7) Phenol-d6	6.34	99	225622	28.43	ng	-0.02
23) Nitrobenzene-d5	7.27	82	745731	110.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	180792	99.93	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1275542	104.82	ng	-0.01
78) Terphenyl-d14	12.79	244	965815	109.00	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	12108	2.375	ng	# 77
19) n-Nitroso-di-n-propylamine	7.27	70	101222	19.469	ng	# 77
25) Isophorone	7.27	82	701239	57.703	ng	# 64
49) Dimethylphthalate	9.45	163	112372	8.418	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	22591	6.754	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	312	6.742	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10601	3.144	ng	# 1

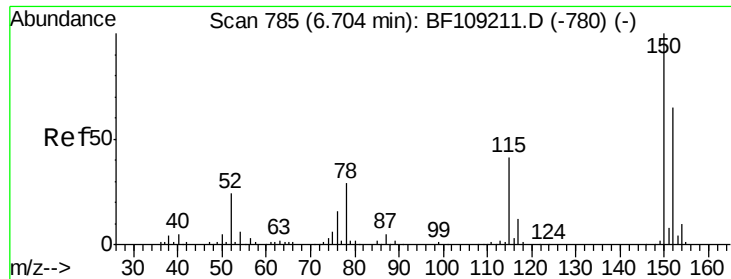
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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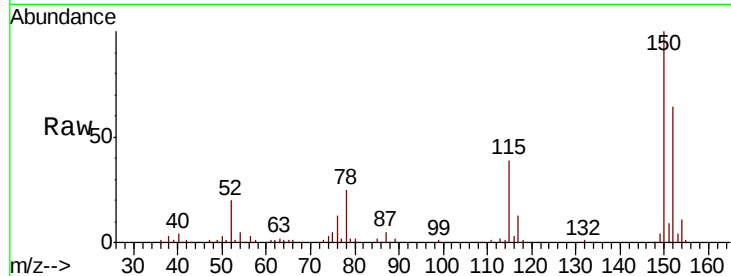




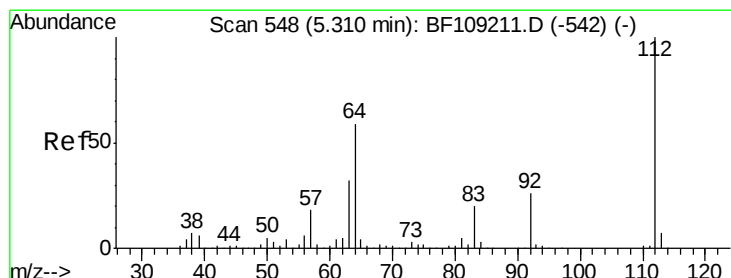
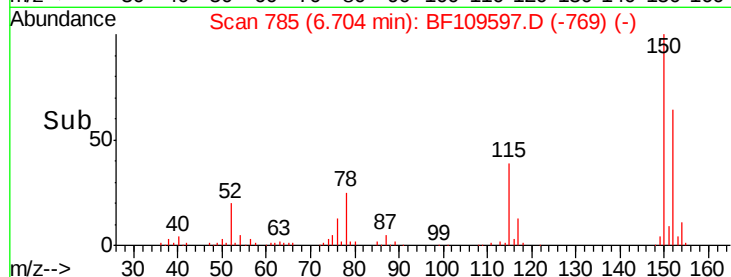
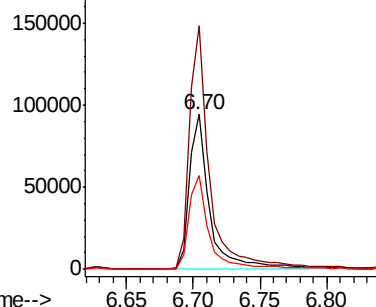
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109597.D
 Acq: 4 Oct 2018 19:51

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

Tgt Ion:152 Resp: 102419
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 60.9 50.1 75.1

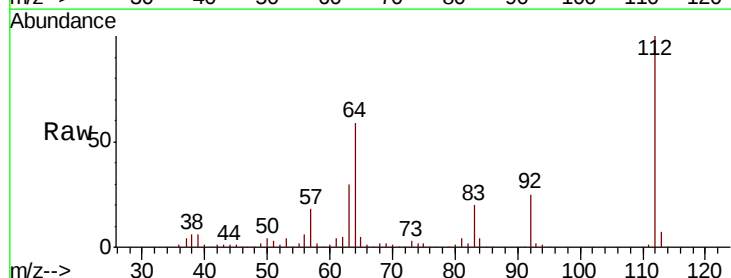


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

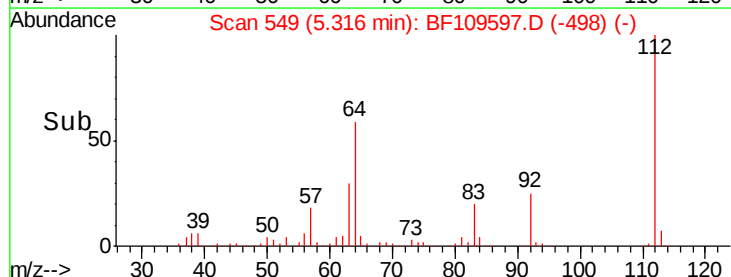
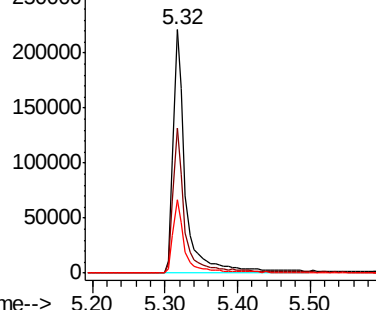


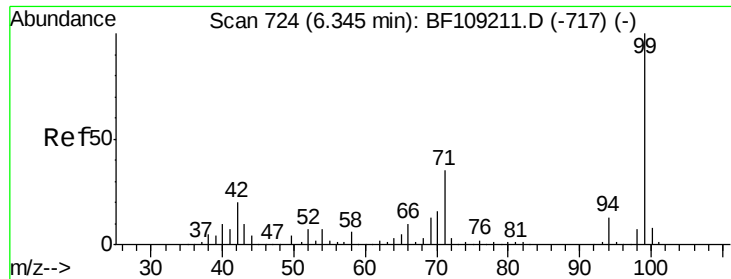
#5
 2-Fluorophenol
 Concen: 43.528 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109597.D
 Acq: 4 Oct 2018 19:51

Tgt Ion:112 Resp: 270665
 Ion Ratio Lower Upper
 112 100
 64 59.4 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: 28.435 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109597.D

Acq: 4 Oct 2018 19:51

Instrument :

BNA_F

ClientSampleId :

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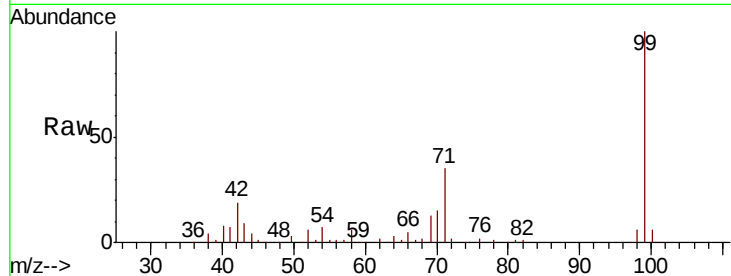
Tgt Ion: 99 Resp: 225622

Ion Ratio Lower Upper

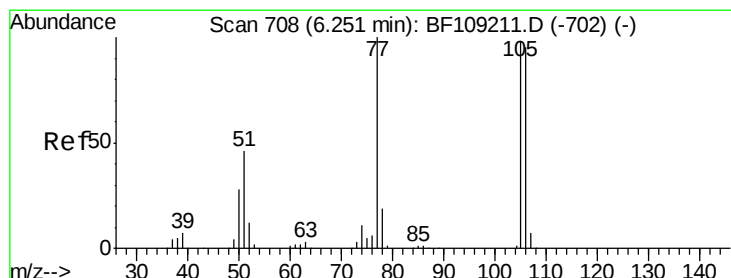
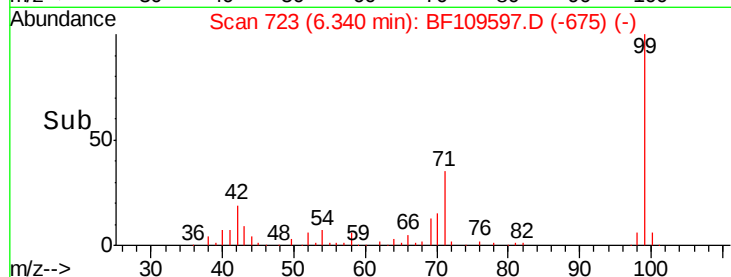
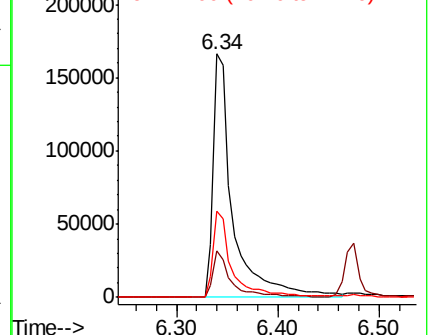
99 100

42 19.1 14.5 21.7

71 35.2 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: 2.375 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109597.D

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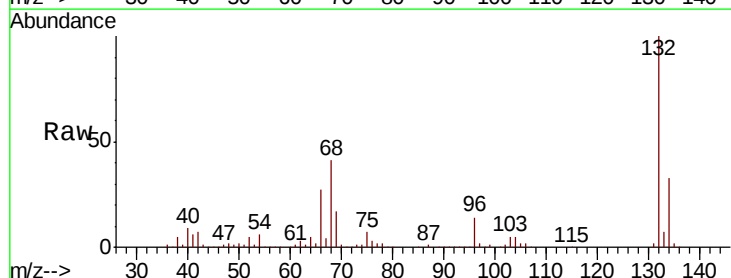
Tgt Ion: 77 Resp: 12108

Ion Ratio Lower Upper

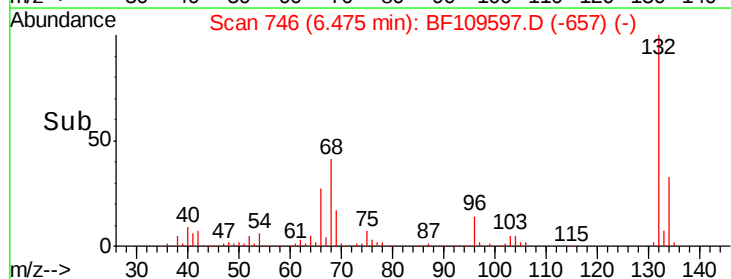
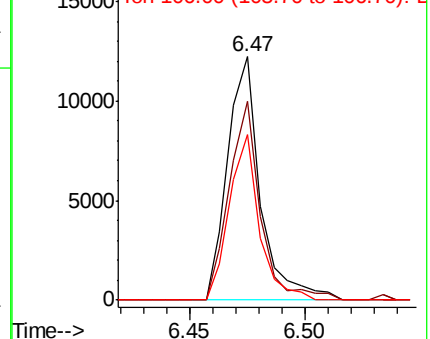
77 100

105 81.6 81.1 121.1

106 68.1 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

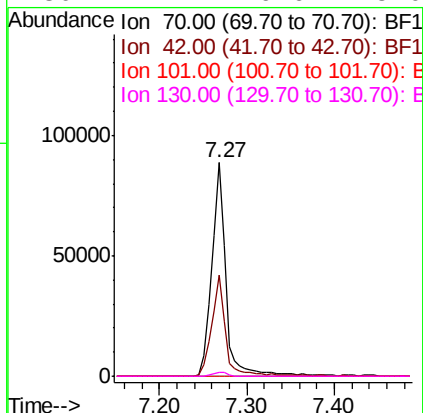
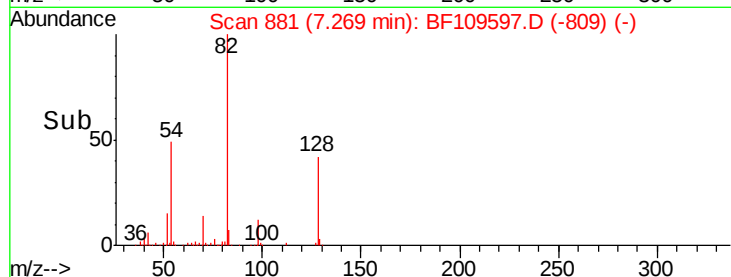
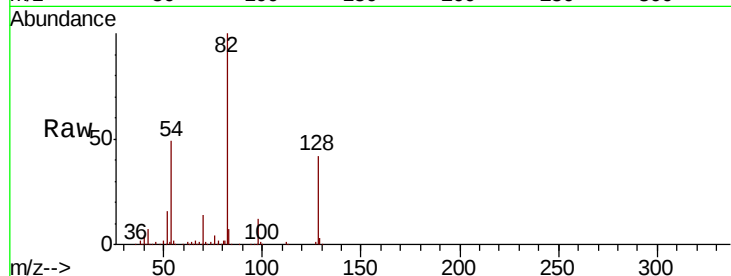




#19
n-Nitroso-di-n-propylamine
Concen: 19.469 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109597.D
Acq: 4 Oct 2018 19:51

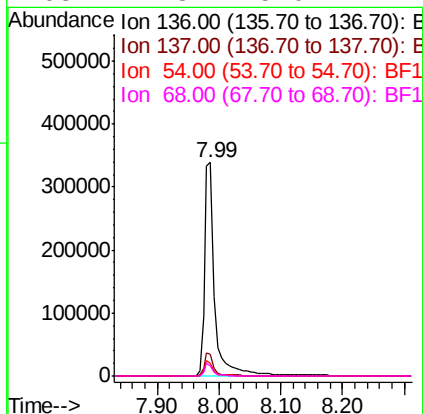
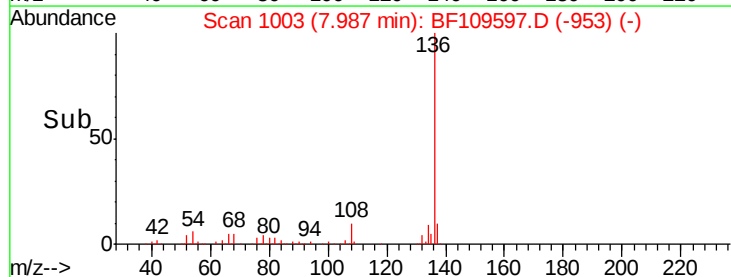
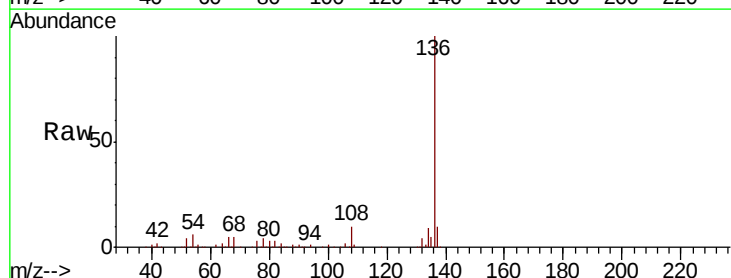
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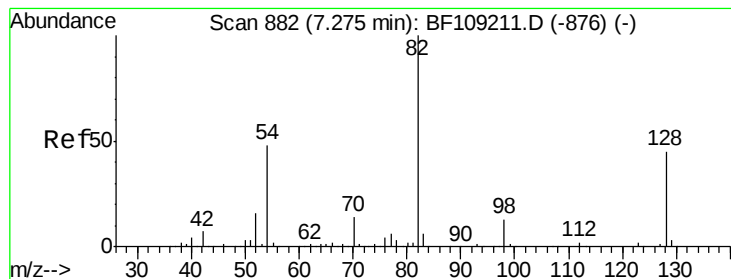
Tgt Ion: 70 Resp: 101222
Ion Ratio Lower Upper
70 100
42 47.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109597.D
Acq: 4 Oct 2018 19:51

Tgt Ion: 136 Resp: 398382
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.3 6.6 9.8#
68 4.8 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 110.501 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109597.D

Acq: 4 Oct 2018 19:51

Instrument :

BNA_F

ClientSampleId :

100218-SIDI-E-U-S

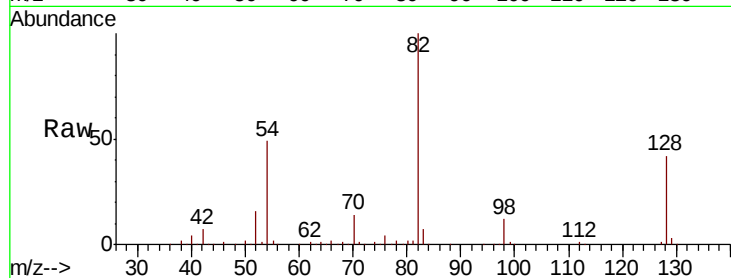
Tgt Ion: 82 Resp: 745731

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

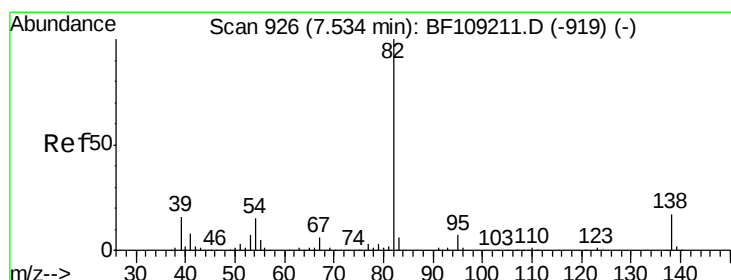
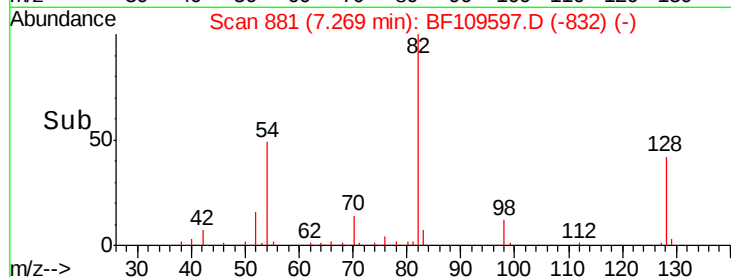
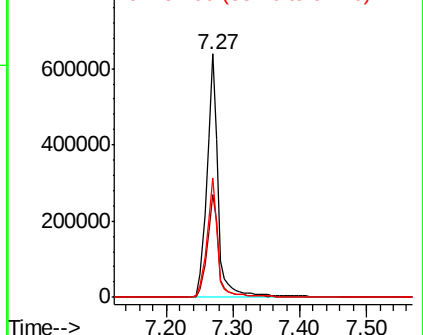
54 49.2 41.4 62.2



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: 57.703 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109597.D

Acq: 4 Oct 2018 19:51

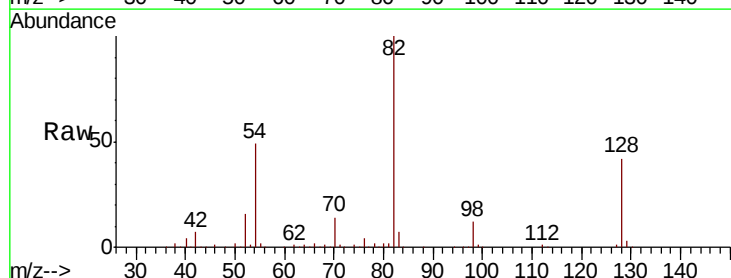
Tgt Ion: 82 Resp: 701239

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

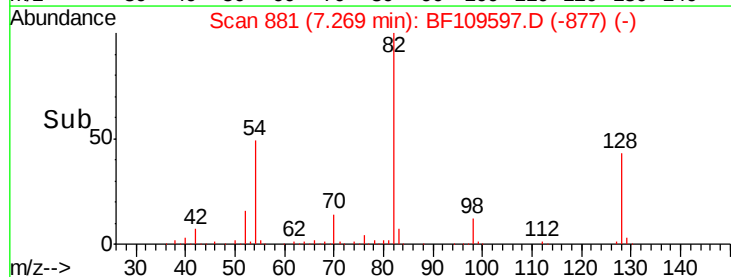
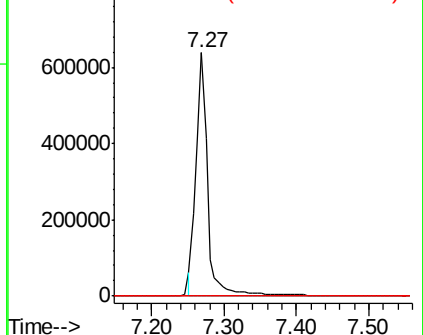
138 0.0 14.9 22.3#

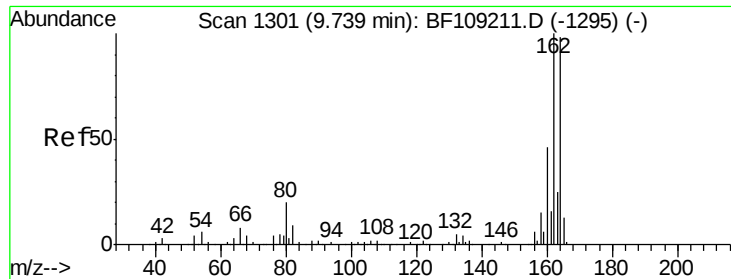


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

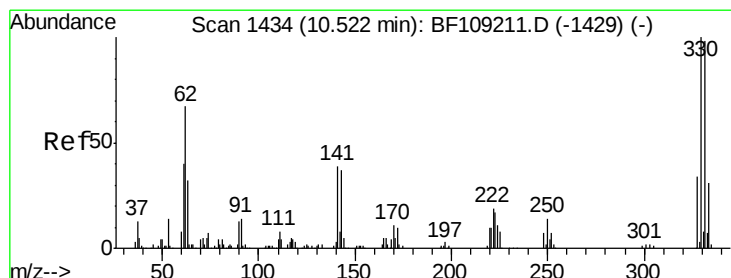
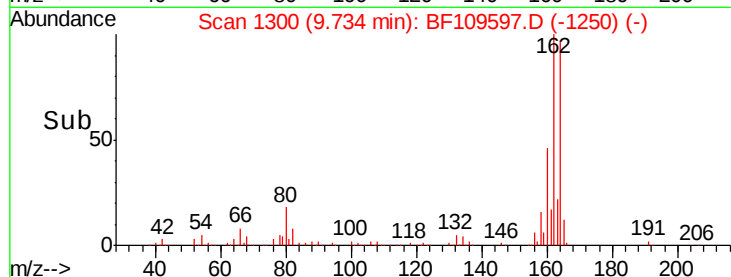
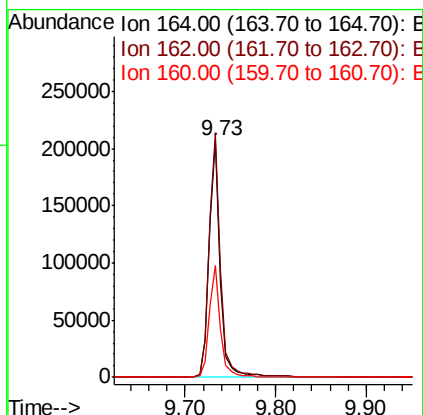
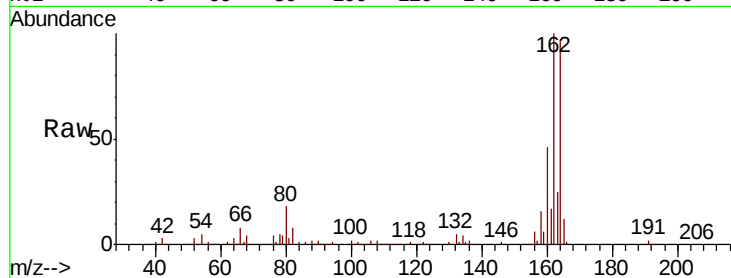




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109597.D
 Acq: 4 Oct 2018 19:51

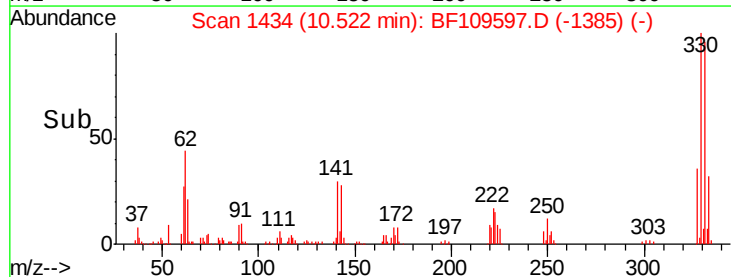
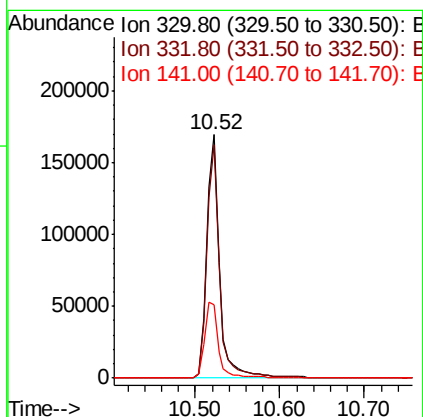
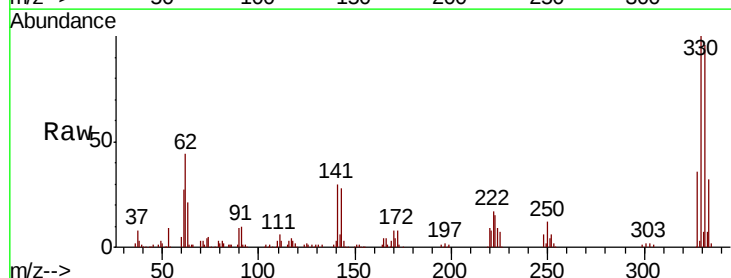
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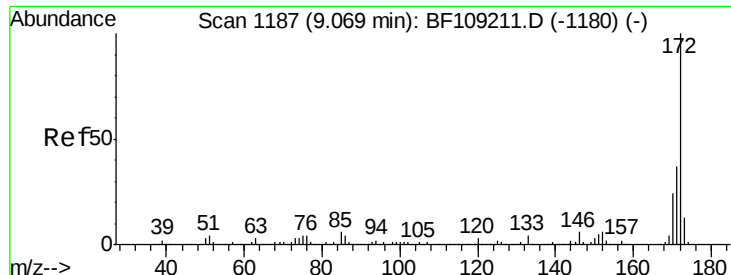
Tgt Ion:164 Resp: 183525
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 47.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 99.931 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109597.D
 Acq: 4 Oct 2018 19:51

Tgt Ion:330 Resp: 180792
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 33.4 29.9 44.9

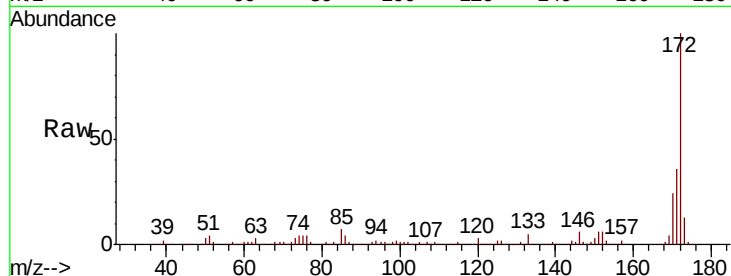




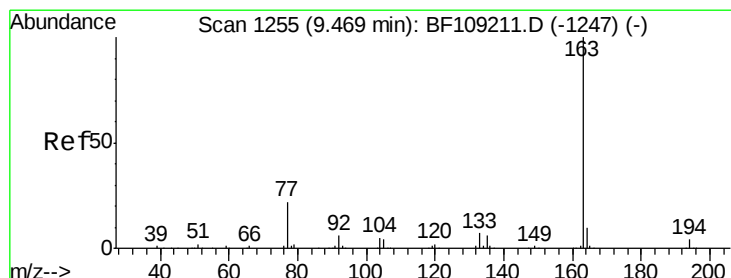
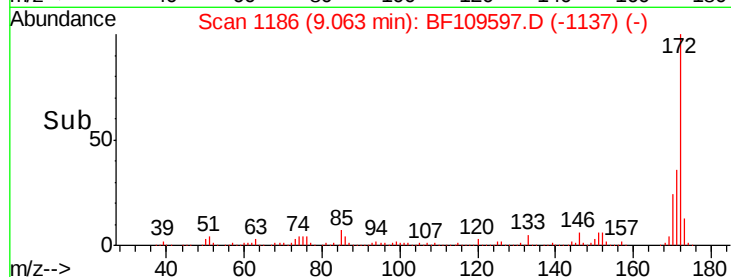
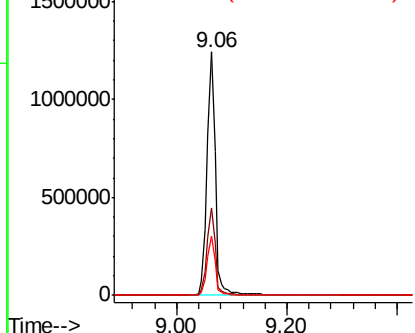
#44
 2-Fluorobiphenyl
 Concen: 104.823 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109597.D
 Acq: 4 Oct 2018 19:51

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

Tgt Ion:172 Resp: 1275542
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.4 19.6 29.4

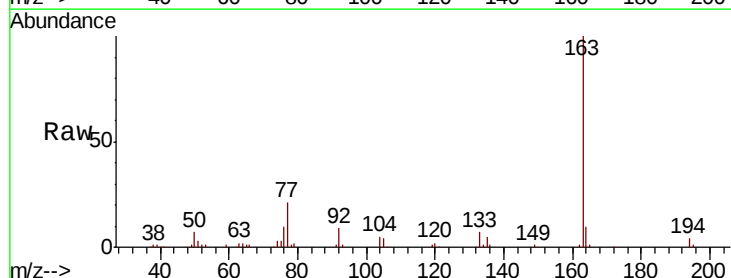


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

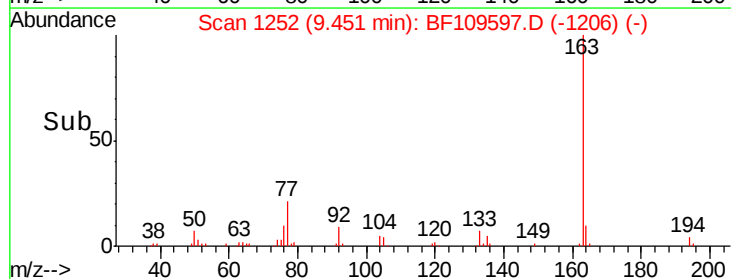
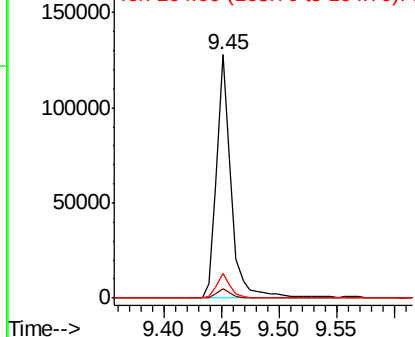


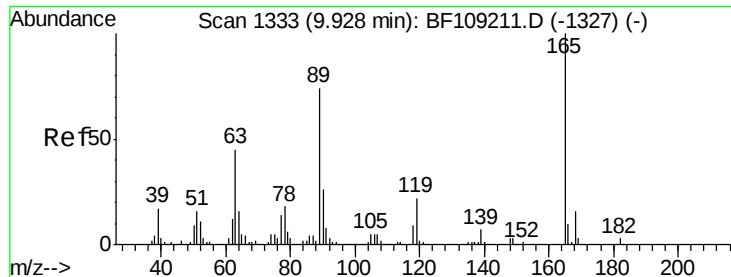
#49
 Dimethylphthalate
 Concen: 8.418 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109597.D
 Acq: 4 Oct 2018 19:51

Tgt Ion:163 Resp: 112372
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.4 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

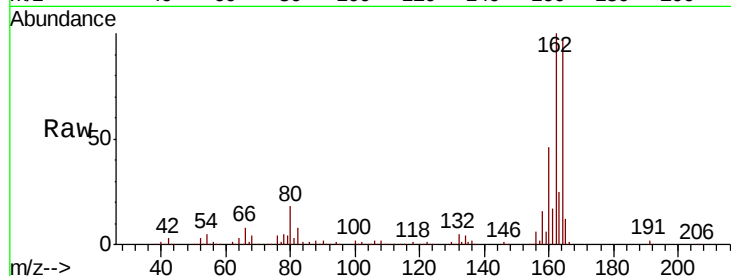




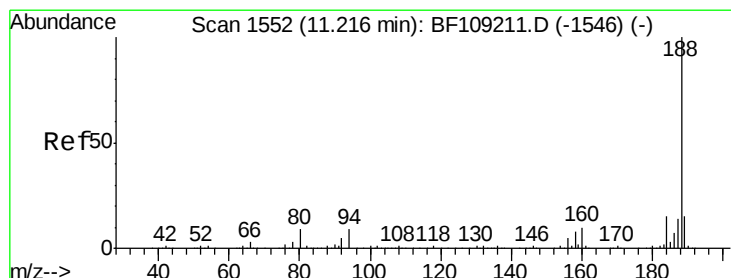
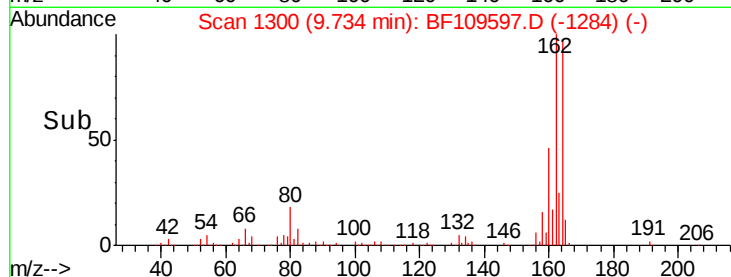
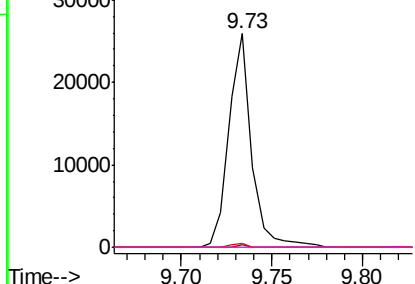
#56
 2,4-Dinitrotoluene
 Concen: 6.754 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109597.D
 Acq: 4 Oct 2018 19:51

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

Tgt Ion:	165	Resp:	22591
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

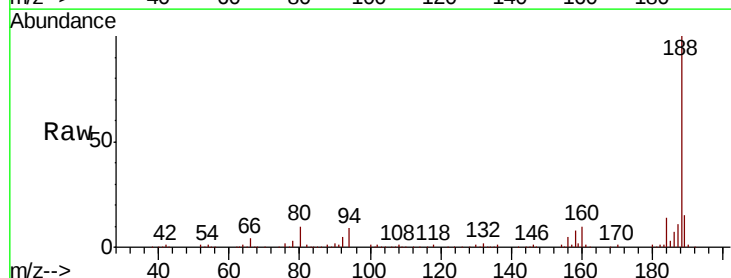


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

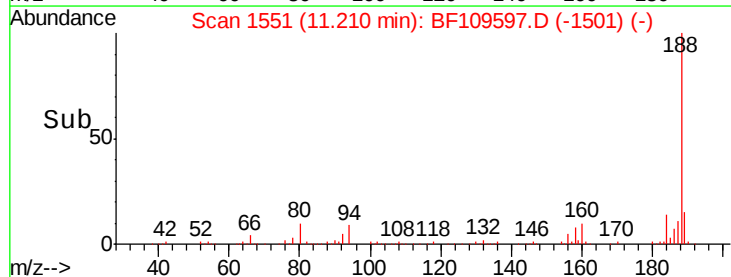
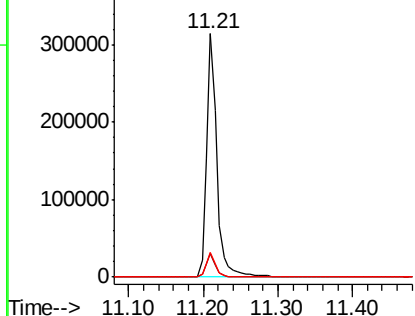


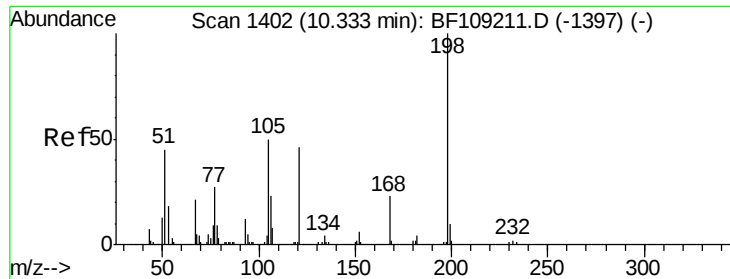
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109597.D
 Acq: 4 Oct 2018 19:51

Tgt Ion:	188	Resp:	303633
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.0	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

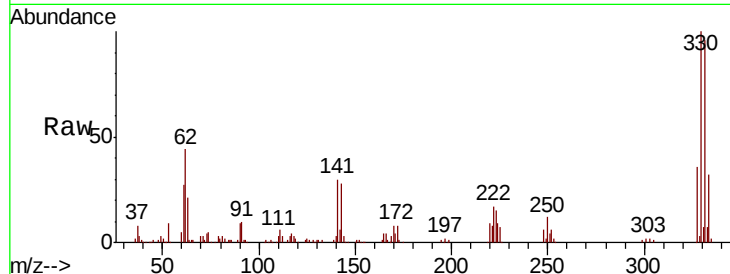




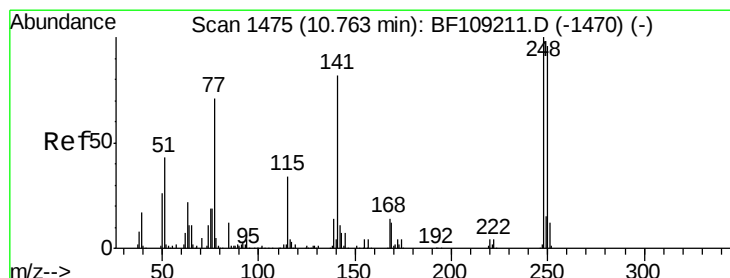
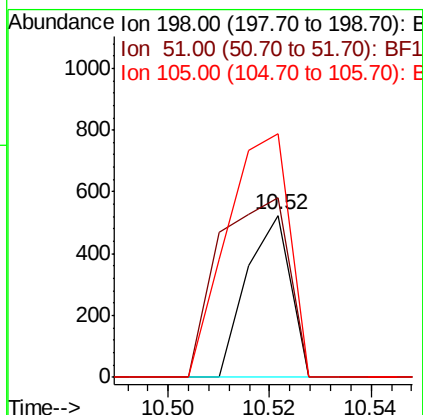
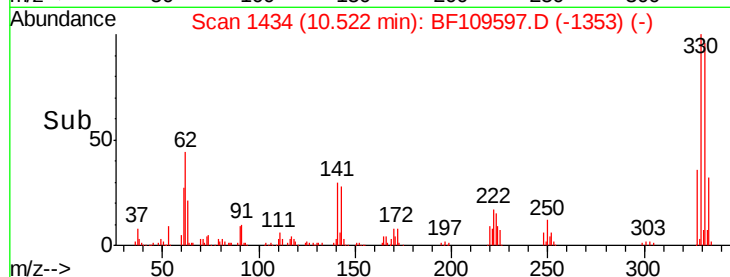
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.742 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109597.D
 Acq: 4 Oct 2018 19:51

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

Tgt Ion:198 Resp: 312
 Ion Ratio Lower Upper
 198 100
 51 110.7 37.7 77.7#
 105 150.4 36.3 76.3#

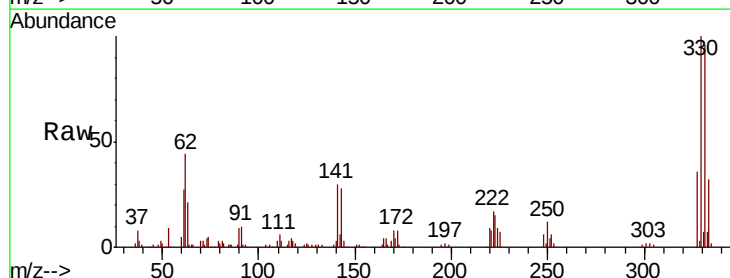


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

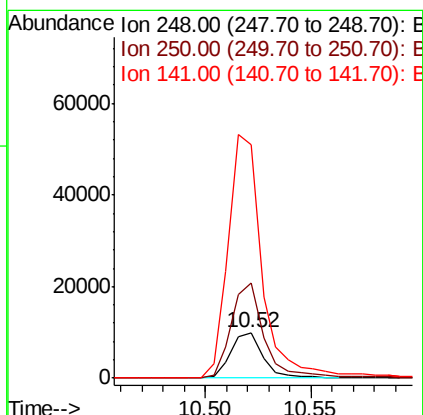
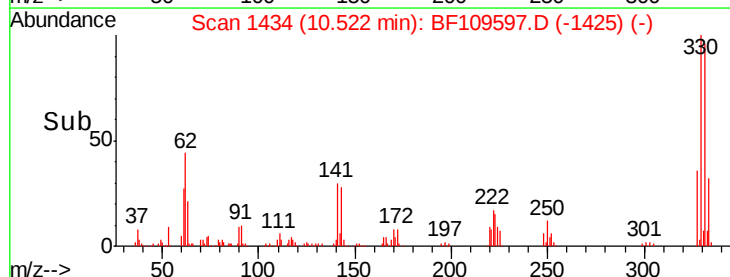


#66
 4-Bromophenyl-phenylether
 Concen: 3.144 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109597.D
 Acq: 4 Oct 2018 19:51

Tgt Ion:248 Resp: 10601
 Ion Ratio Lower Upper
 248 100
 250 209.9 76.9 115.3#
 141 513.6 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: BF109597.D

Acq: 4 Oct 2018 19:51

Instrument :

BNA_F

ClientSampleId :

100218-SIDI-E-U-S

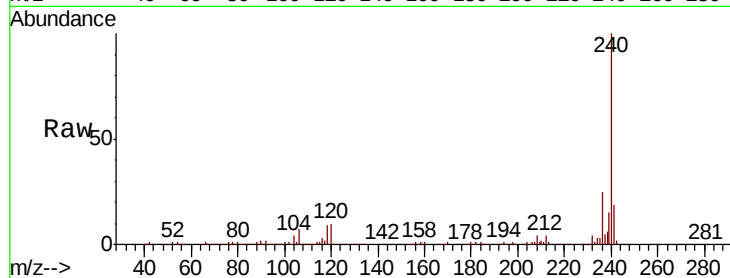
Tgt Ion:240 Resp: 217451

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

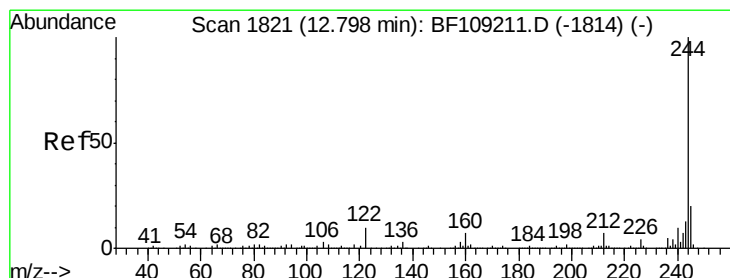
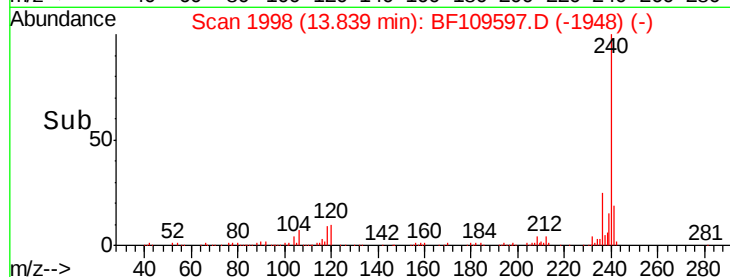
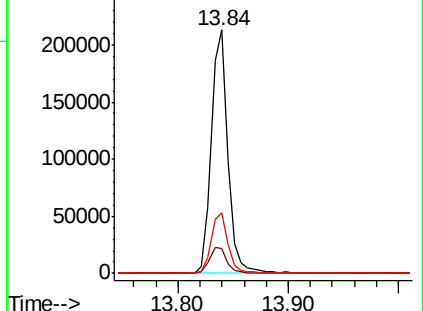
236 24.6 20.7 31.1



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: 109.002 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109597.D

Acq: 4 Oct 2018 19:51

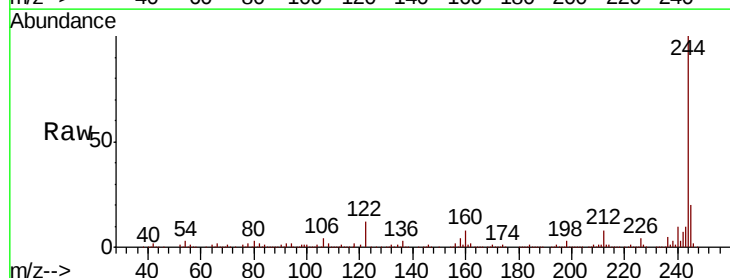
Tgt Ion:244 Resp: 965815

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

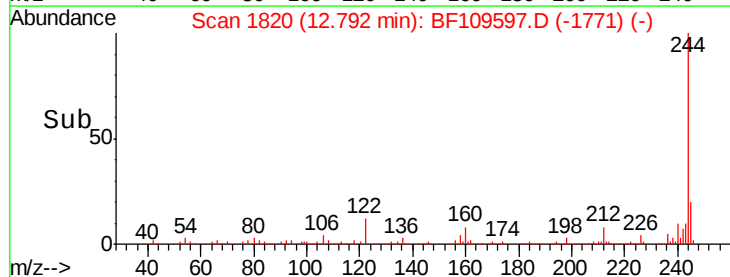
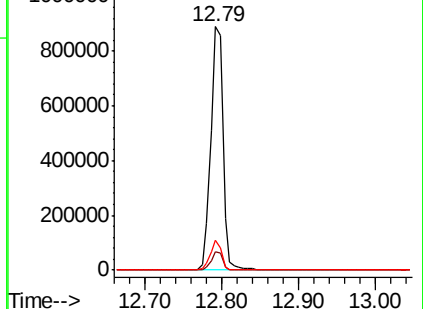
122 12.1 11.0 16.4

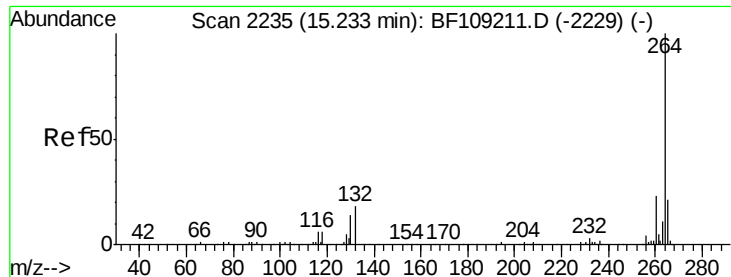


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109597.D
Acq: 4 Oct 2018 19:51

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.4	17.5	26.3

